

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117438.D
 Acq On : 17 Oct 2019 22:46
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 18 03:56:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	36733	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	160516	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	84343	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	148739	20.00	ng	0.00
76) Chrysene-d12	13.96	240	128787	20.00	ng	0.00
87) Perylene-d12	15.41	264	129420	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	192974	80.83	ng	0.00
7) Phenol-d6	6.43	99	263721	83.26	ng	0.00
23) Nitrobenzene-d5	7.36	82	260328	82.21	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	60816	88.60	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	470306	81.29	ng	0.00
79) Terphenyl-d14	12.90	244	551304	69.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	40492	41.200	ng	97
3) Pyridine	3.21	79	95939	38.357	ng	97
4) n-Nitrosodimethylamine	3.15	42	34581	39.234	ng	85
6) Aniline	6.46	93	164711	41.625	ng	# 87
8) 2-Chlorophenol	6.58	128	110518	41.638	ng	97
9) Benzaldehyde	6.35	77	70667	47.611	ng	98
10) Phenol	6.45	94	141053	41.247	ng	83
11) bis(2-Chloroethyl)ether	6.53	93	108749	41.827	ng	97
12) 1,3-Dichlorobenzene	6.73	146	123073	41.463	ng	97
13) 1,4-Dichlorobenzene	6.81	146	127395	42.104	ng	96
14) 1,2-Dichlorobenzene	6.96	146	118367	41.417	ng	96
15) Benzyl Alcohol	6.95	79	101763	41.991	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	114172	41.820	ng	79
17) 2-Methylphenol	7.06	107	90677	40.923	ng	96
18) Hexachloroethane	7.30	117	47547	40.417	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	83694	41.439	ng	98
20) 3+4-Methylphenols	7.22	107	117293	41.111	ng	94
22) Acetophenone	7.20	105	173485	41.188	ng	95
24) Nitrobenzene	7.37	77	130729	41.213	ng	99
25) Isophorone	7.62	82	237501	42.104	ng	99
26) 2-Nitrophenol	7.70	139	58196	41.351	ng	100
27) 2,4-Dimethylphenol	7.73	122	87039	40.693	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	142049	40.621	ng	99
29) 2,4-Dichlorophenol	7.95	162	90023	40.790	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	97353	40.918	ng	99
31) Naphthalene	8.09	128	327648	40.873	ng	99
32) Benzoic acid	7.88	122	47053	34.798	ng	85
33) 4-Chloroaniline	8.15	127	144436	42.427	ng	98
34) Hexachlorobutadiene	8.21	225	56775	41.665	ng	97
35) Caprolactam	8.53	113	30938	44.763	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	105963	42.194	ng	95
37) 2-Methylnaphthalene	8.79	142	223794	41.343	ng	96
38) 1-Methylnaphthalene	8.89	142	209263	41.031	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	91442	40.284	ng	99

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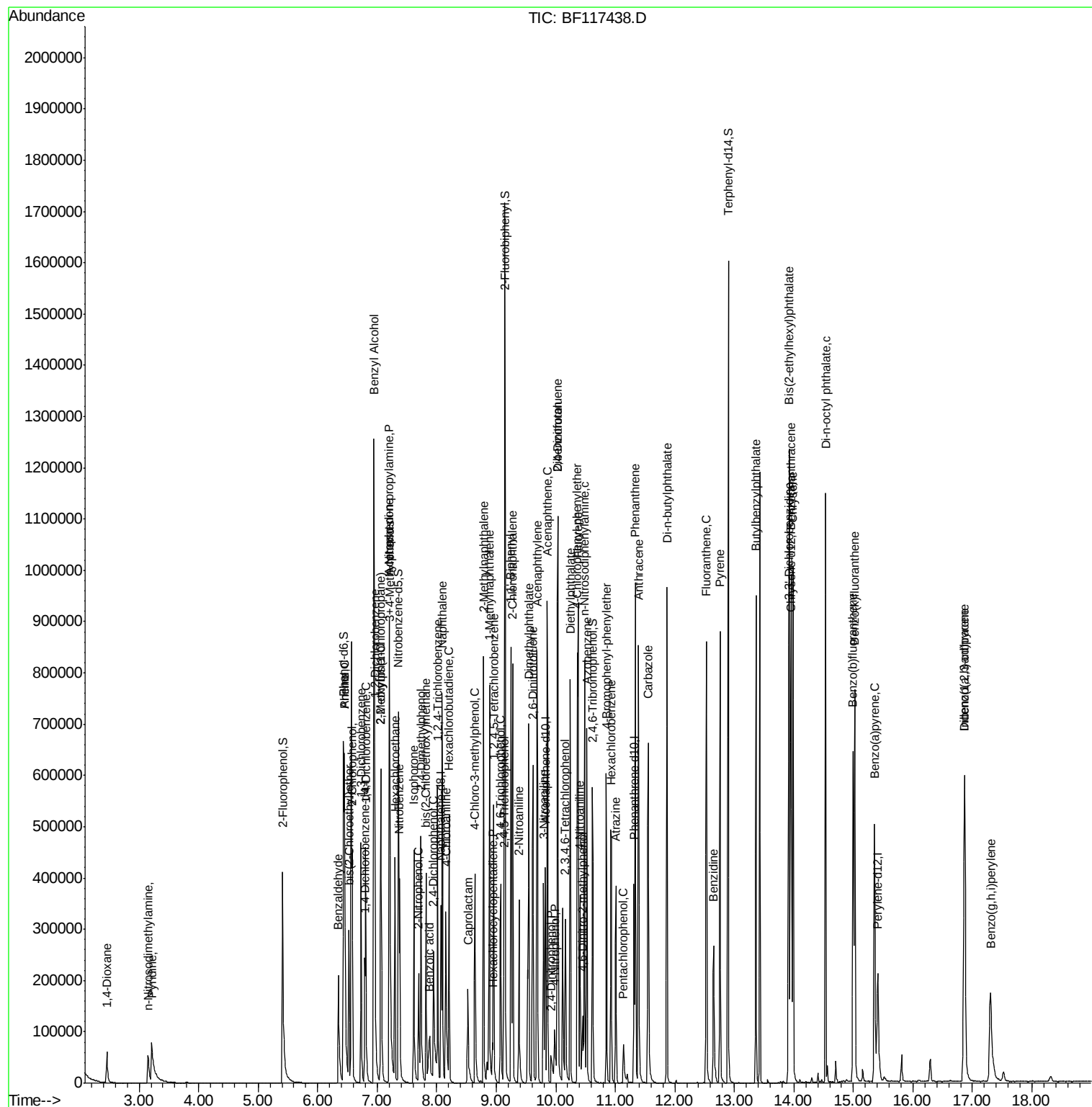
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	8922	21.048	ng	92
43) 2,4,6-Trichlorophenol	9.07	196	58505	40.726	ng	93
44) 2,4,5-Trichlorophenol	9.13	196	60265	41.128	ng	95
46) 1,1'-Biphenyl	9.25	154	282030	40.931	ng	99
47) 2-Chloronaphthalene	9.27	162	216222	40.255	ng	98
48) 2-Nitroaniline	9.38	65	73538	42.910	ng	96
49) Acenaphthylene	9.69	152	331508	42.101	ng	100
50) Dimethylphthalate	9.55	163	257365	42.488	ng	99
51) 2,6-Dinitrotoluene	9.62	165	54733	42.989	ng	91
52) Acenaphthene	9.86	154	197320	41.240	ng	99
53) 3-Nitroaniline	9.79	138	66295	42.640	ng	91
54) 2,4-Dinitrophenol	9.93	184	18650	36.907	ng	97
55) Dibenzofuran	10.03	168	291132	41.712	ng	98
56) 4-Nitrophenol	9.98	139	22419	35.093	ng	88
57) 2,4-Dinitrotoluene	10.03	165	75597	44.999	ng	96
58) Fluorene	10.37	166	244521	42.075	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	45790	40.422	ng	91
60) Diethylphthalate	10.25	149	269715	44.174	ng	99
61) 4-Chlorophenyl-phenylether	10.36	204	108935	42.338	ng	93
62) 4-Nitroaniline	10.41	138	70527	47.720	ng	99
63) Azobenzene	10.52	77	266637	42.560	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	27280	35.825	ng	97
66) n-Nitrosodiphenylamine	10.49	169	215608	38.803	ng	97
67) 4-Bromophenyl-phenylether	10.85	248	63088	38.671	ng	94
68) Hexachlorobenzene	10.93	284	68018	38.822	ng	# 91
69) Atrazine	11.01	200	43617	48.410	ng	98
70) Pentachlorophenol	11.14	266	17647	33.668	ng	93
71) Phenanthrene	11.34	178	356844	40.585	ng	99
72) Anthracene	11.39	178	369463	40.705	ng	99
73) Carbazole	11.55	167	354132	42.951	ng	98
74) Di-n-butylphthalate	11.87	149	473409	42.403	ng	99
75) Fluoranthene	12.53	202	390700	44.687	ng	98
77) Benzidine	12.65	184	146708	46.059	ng	99
78) Pyrene	12.76	202	401597	35.277	ng	98
80) Butylbenzylphthalate	13.36	149	218080	38.096	ng	96
81) Benzo(a)anthracene	13.95	228	351033	39.725	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	117927	42.209	ng	99
83) Chrysene	13.99	228	347558	39.884	ng	98
84) Bis(2-ethylhexyl)phthalate	13.92	149	315369	39.073	ng	96
85) Di-n-octyl phthalate	14.53	149	536333	43.647	ng	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	294059	48.260	ng	99
88) Benzo(b)fluoranthene	14.99	252	327663	40.668	ng	98
89) Benzo(k)fluoranthene	15.02	252	289498	36.155	ng	98
90) Benzo(a)pyrene	15.36	252	287279	40.266	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	248246	40.606	ng	98
92) Benzo(g,h,i)perylene	17.30	276	223152	38.346	ng	98

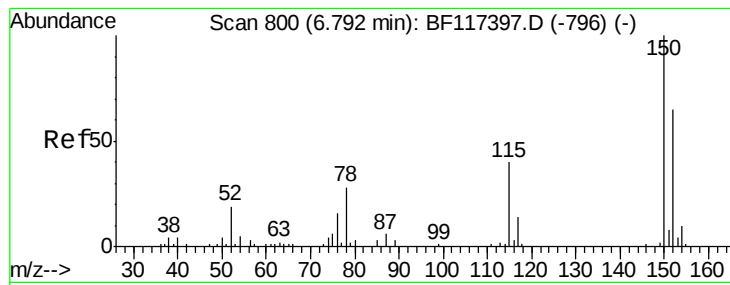
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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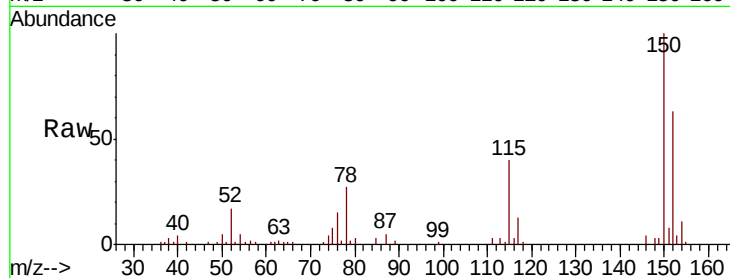


#1

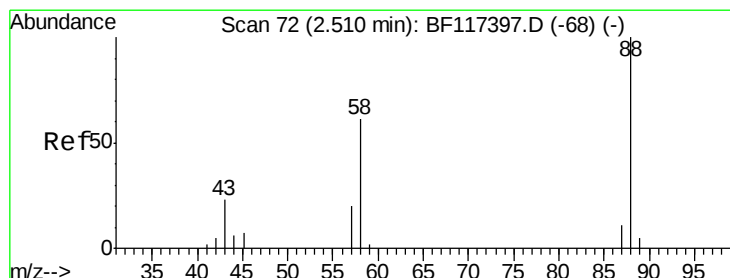
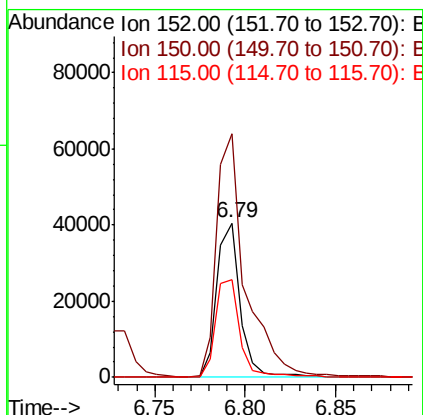
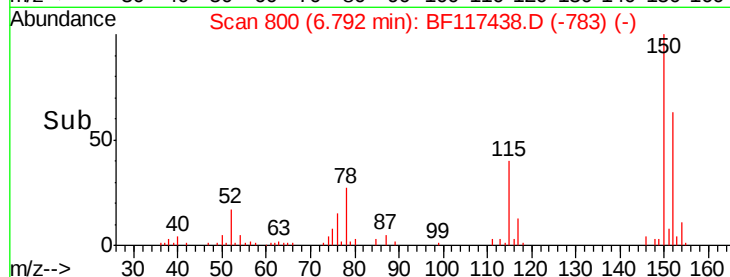
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 36733
Ion Ratio Lower Upper
152 100
150 158.0 122.7 184.1
115 63.1 48.6 73.0



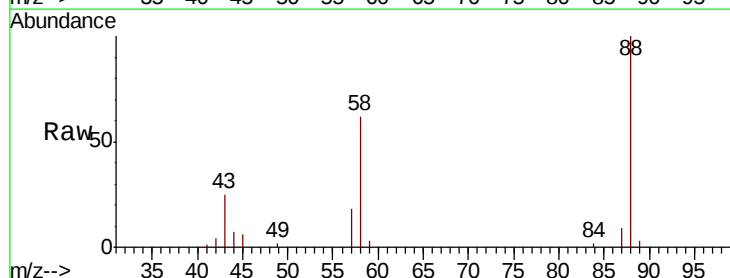
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



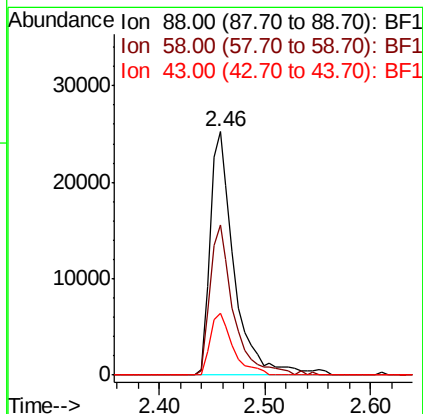
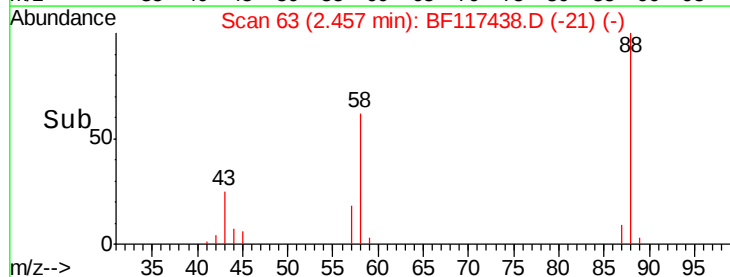
#2

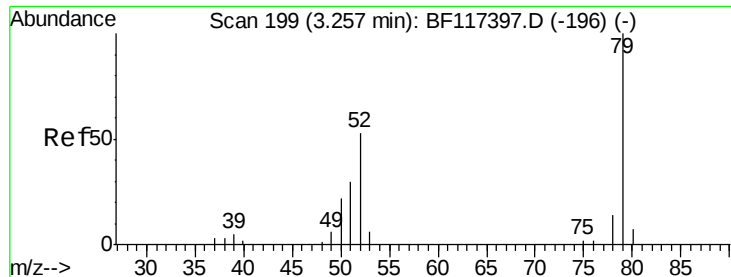
1,4-Dioxane
Concen: 41.200 ng
RT: 2.46 min Scan# 63
Delta R.T. -0.05 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion: 88 Resp: 40492
Ion Ratio Lower Upper
88 100
58 59.4 49.4 74.2
43 23.9 18.1 27.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

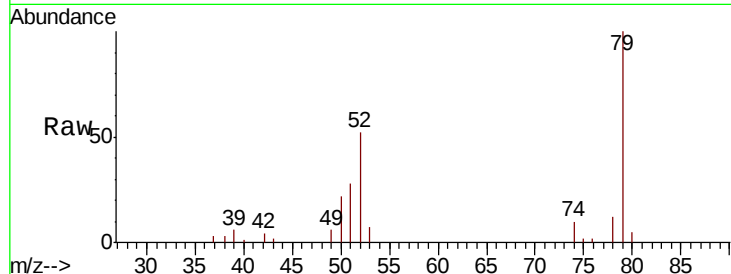




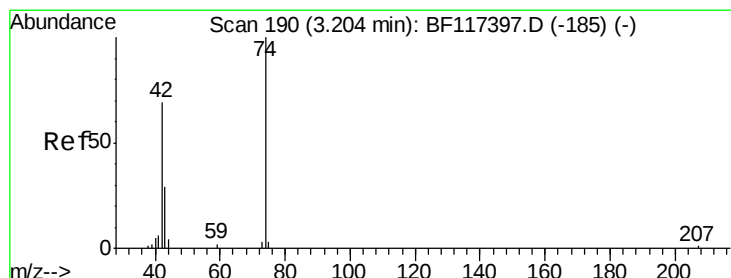
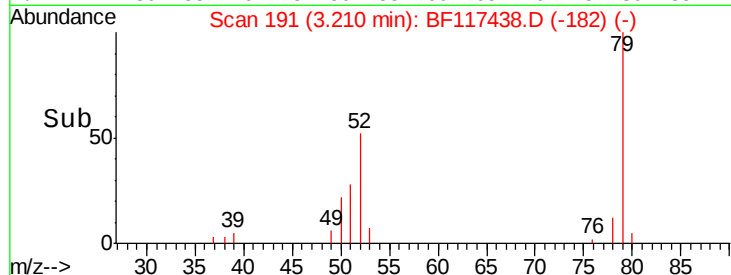
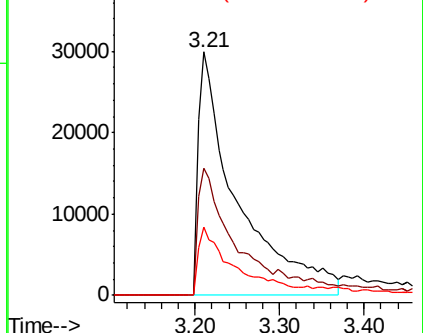
#3
 Pvridine
 Concen: 38.357 ng
 RT: 3.21 min Scan# 191
 Delta R.T. -0.05 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

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 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 79 Resp: 95939
 Ion Ratio Lower Upper
 79 100
 52 52.0 42.7 64.1
 51 27.8 23.8 35.8

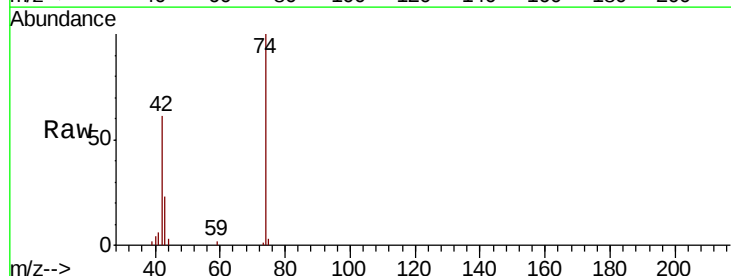


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

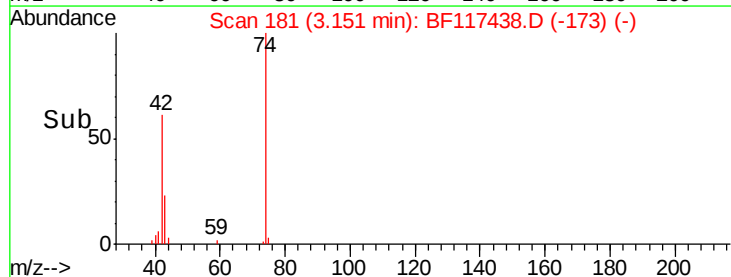
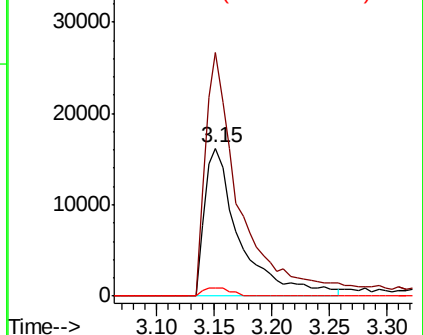


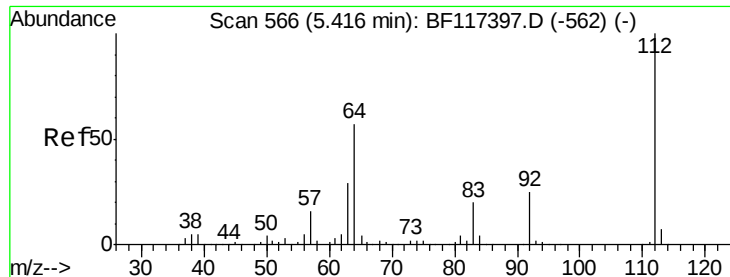
#4
 n-Nitrosodimethylamine
 Concen: 39.234 ng
 RT: 3.15 min Scan# 181
 Delta R.T. -0.05 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Tgt Ion: 42 Resp: 34581
 Ion Ratio Lower Upper
 42 100
 74 164.4 116.2 174.4
 44 5.7 4.2 6.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.831 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

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ClientSampleId :

SSTDCCC040EC

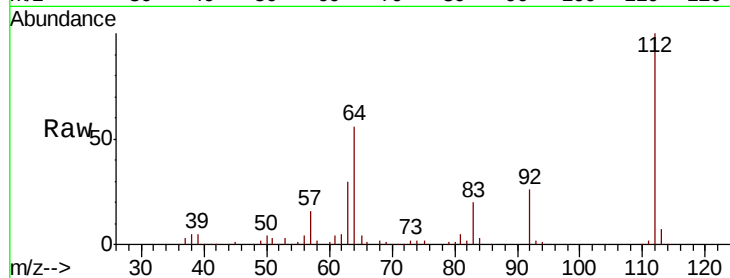
Tot Ion:112 Resp: 192974

Ion Ratio Lower Upper

112 100

64 56.4 45.2 67.8

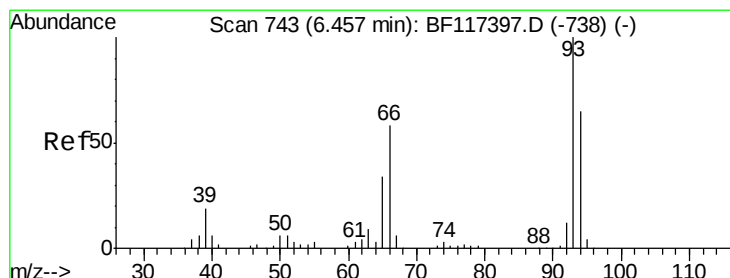
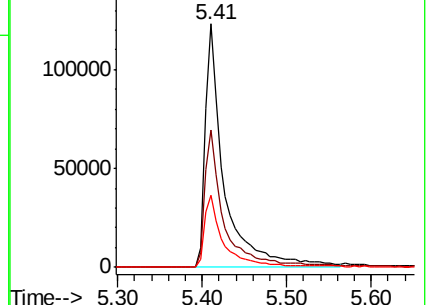
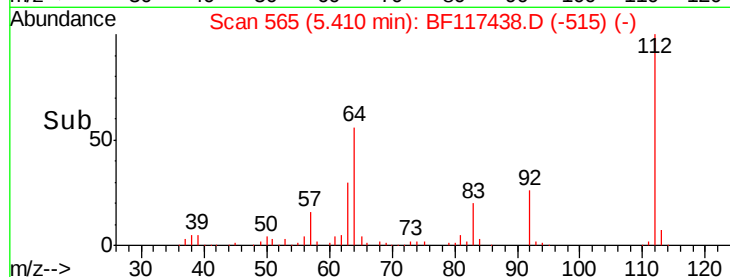
63 29.9 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.625 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

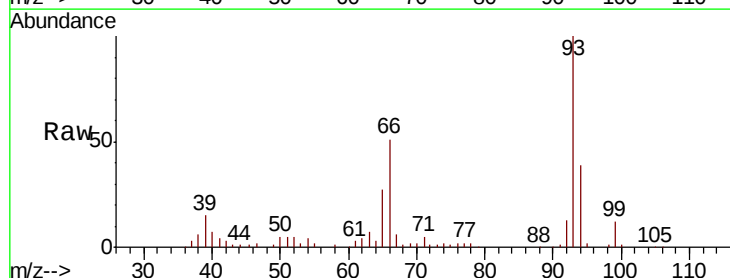
Tgt Ion: 93 Resp: 164711

Ion Ratio Lower Upper

93 100

66 50.8 48.4 72.6

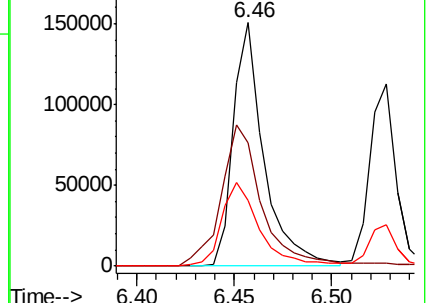
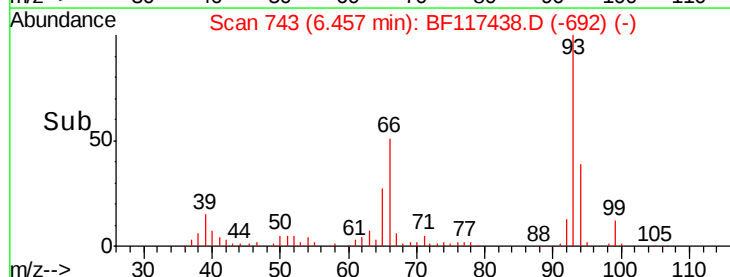
65 27.1 27.8 41.6#

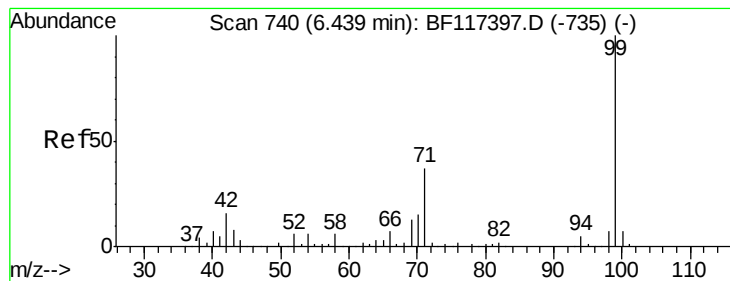


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.256 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

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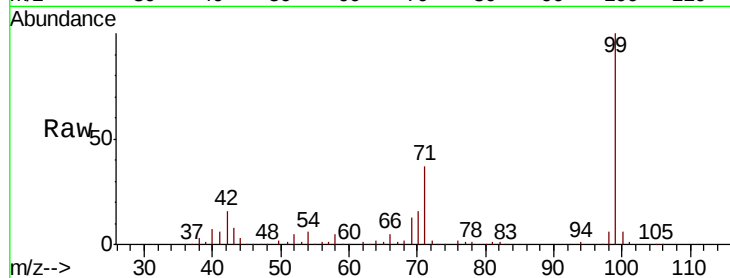
Tot Ion: 99 Resp: 263721

Ion Ratio Lower Upper

99 100

42 15.9 12.5 18.7

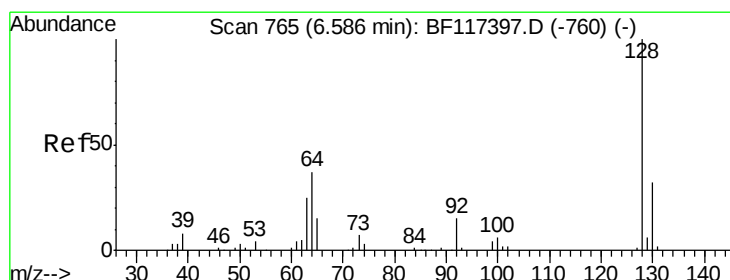
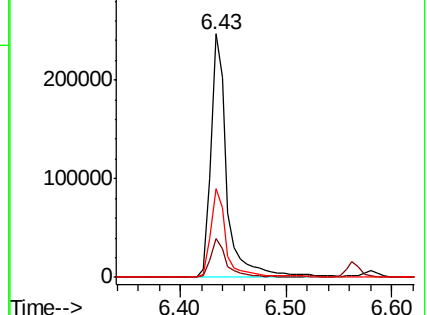
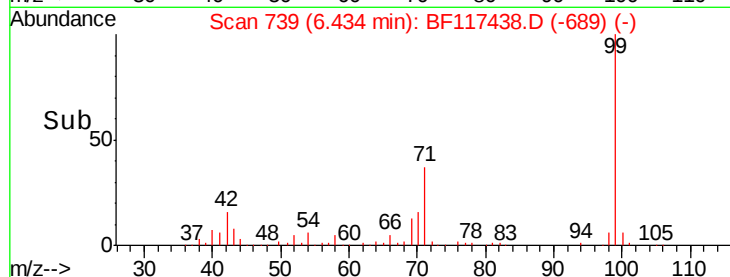
71 36.5 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.638 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

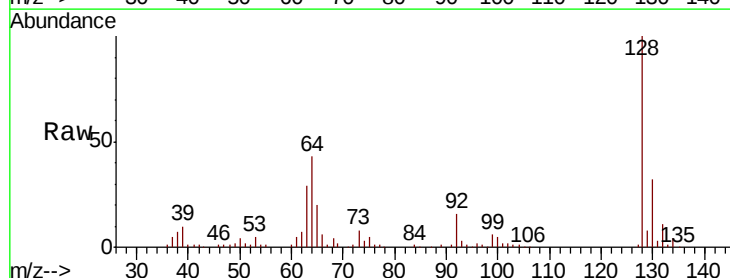
Tgt Ion:128 Resp: 110518

Ion Ratio Lower Upper

128 100

130 32.4 11.7 51.7

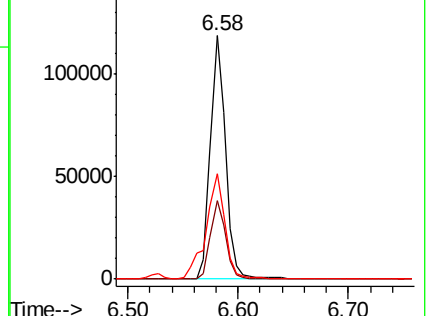
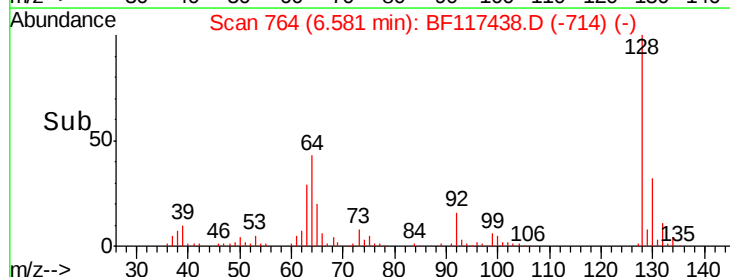
64 43.1 20.4 60.4

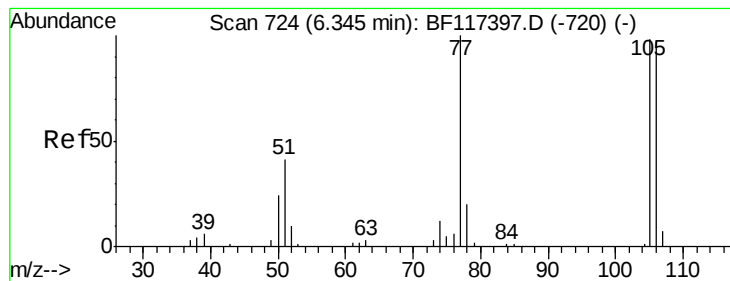


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 47.611 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

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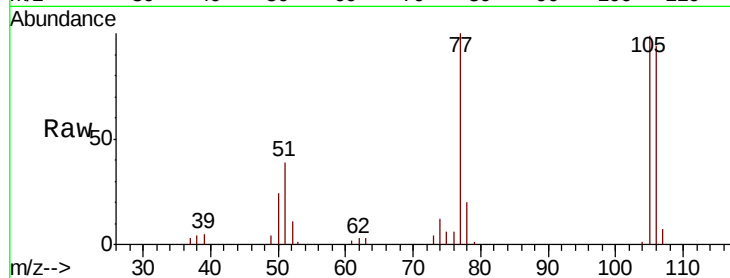
Tot Ion: 77 Resp: 70667

Ion Ratio Lower Upper

77 100

105 98.6 77.9 117.9

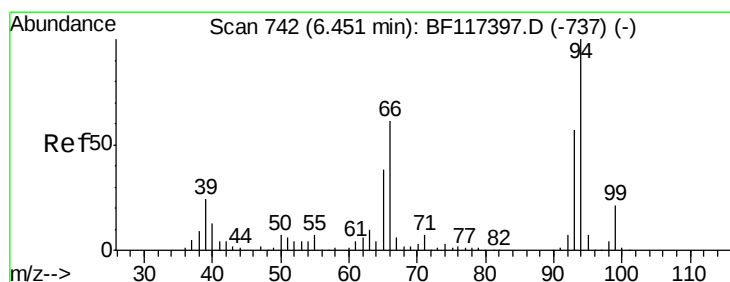
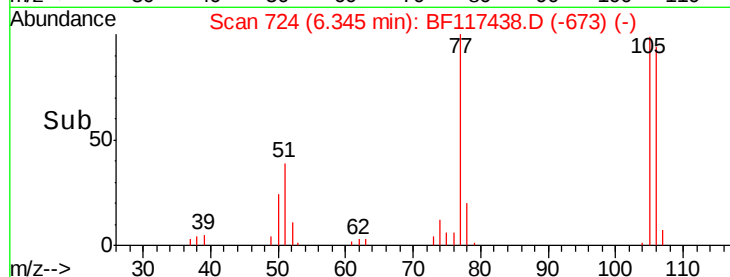
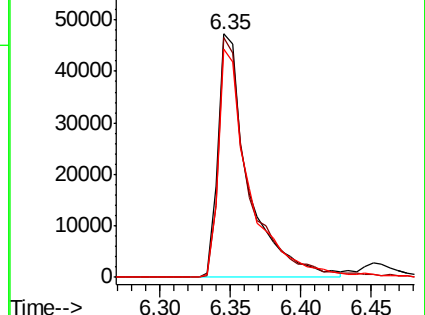
106 93.9 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.247 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

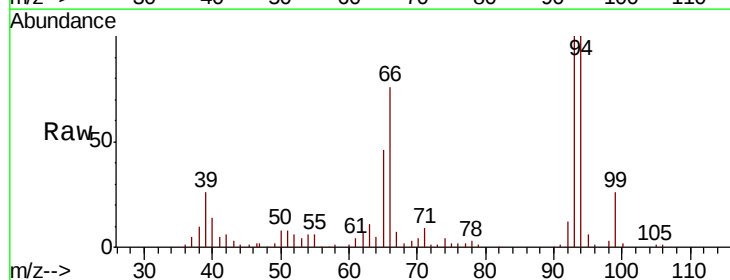
Tgt Ion: 94 Resp: 141053

Ion Ratio Lower Upper

94 100

65 45.5 18.2 58.2

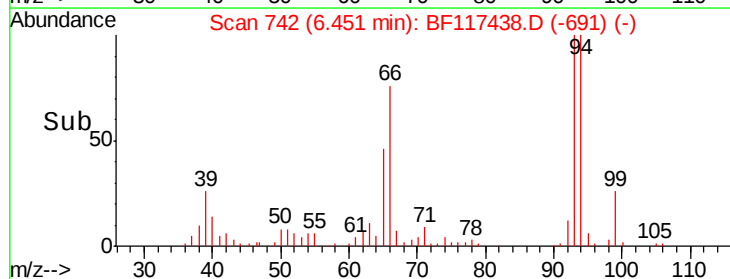
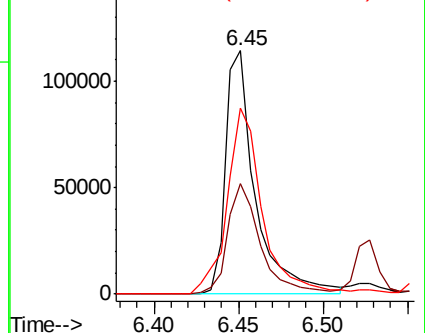
66 76.1 41.1 81.1

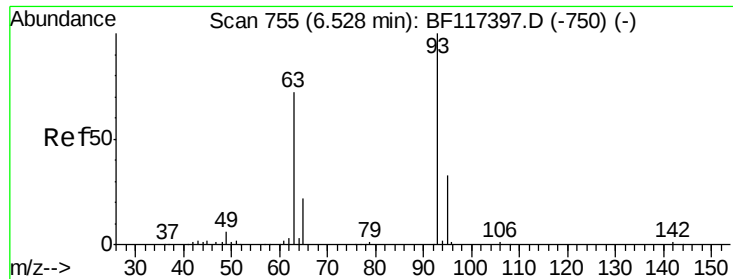


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

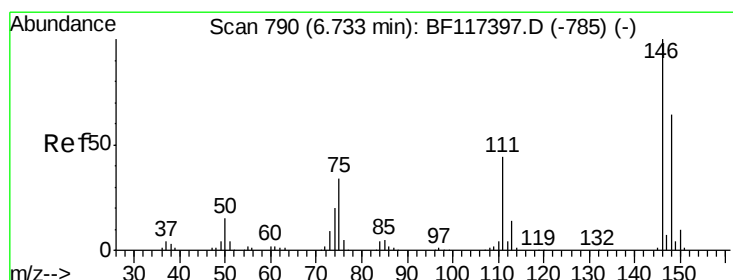
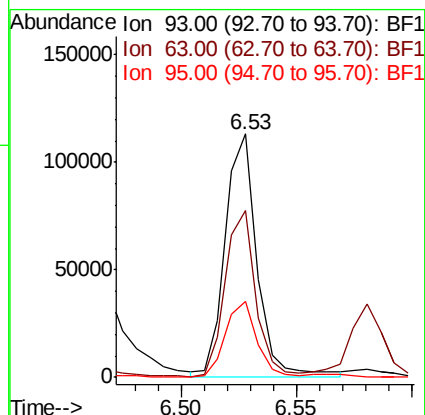
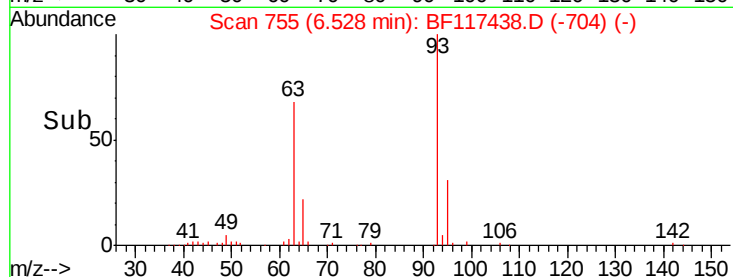
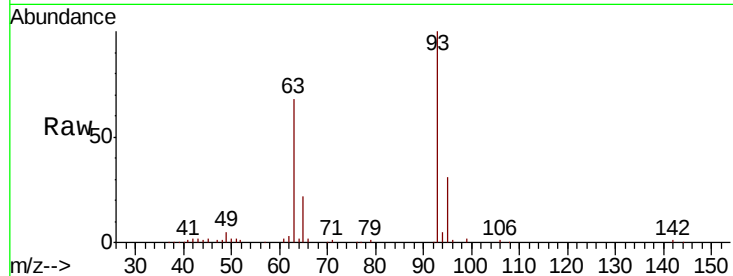




#11
bis(2-Chloroethyl)ether
Concen: 41.827 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

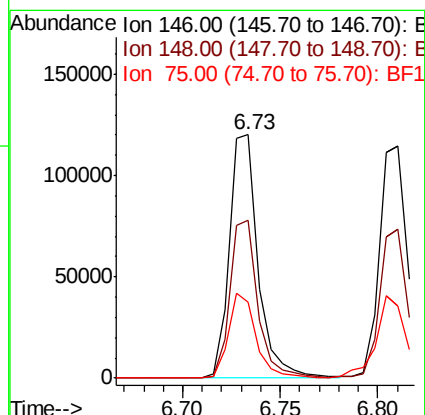
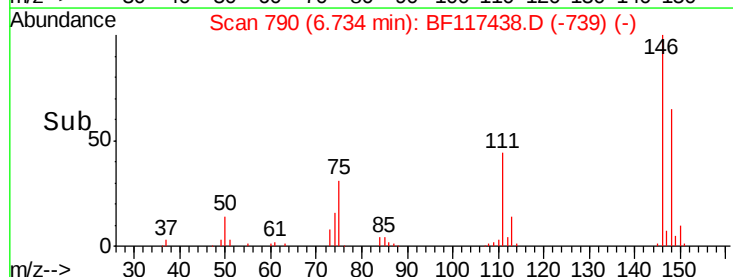
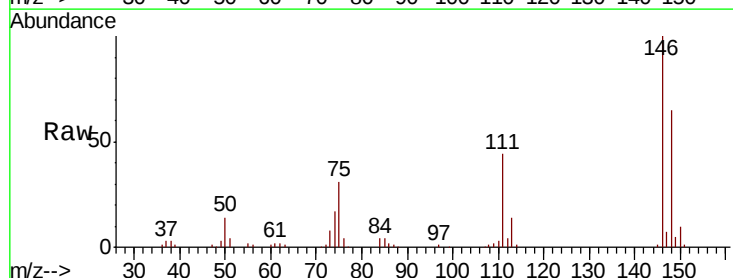
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

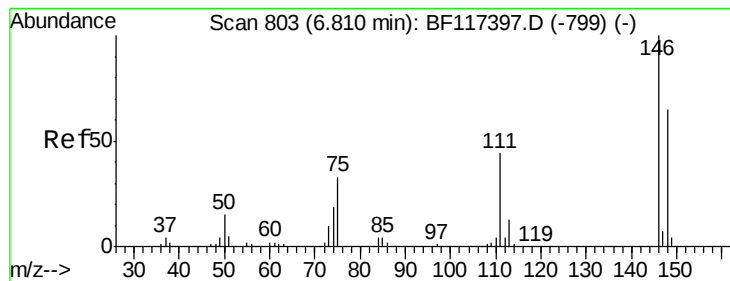
Tot Ion: 93 Resp: 108749
Ion Ratio Lower Upper
93 100
63 68.3 50.9 90.9
95 31.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.463 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion: 146 Resp: 123073
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
75 31.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.104 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

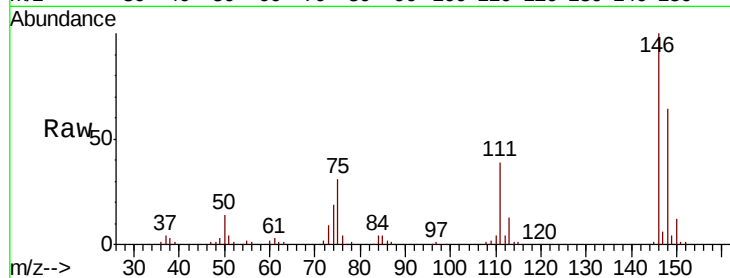
Tot Ion:146 Resp: 127395

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

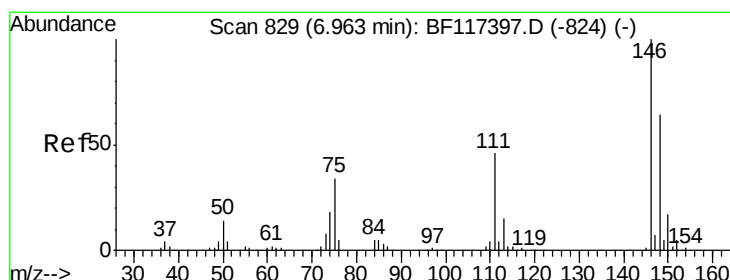
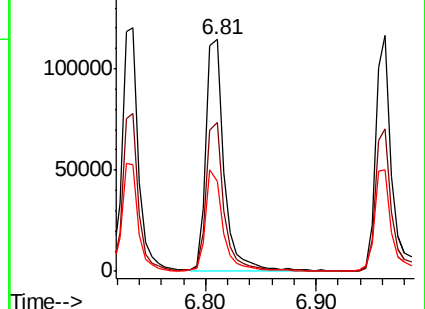
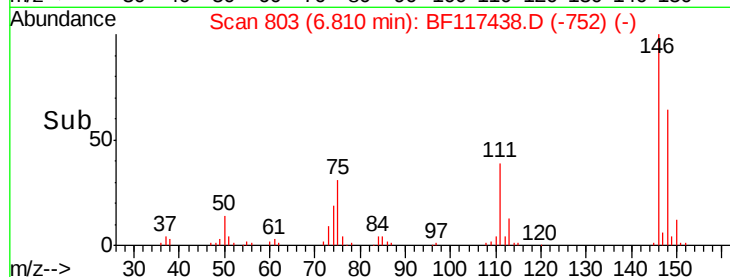
111 38.9 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.417 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

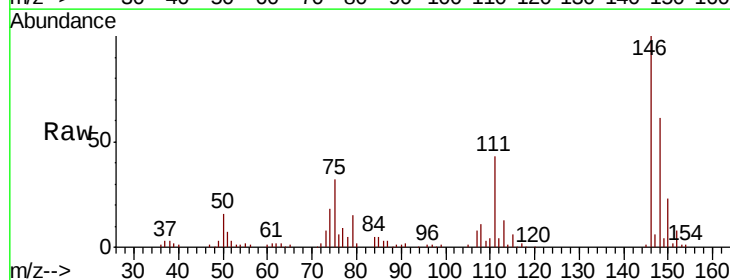
Tgt Ion:146 Resp: 118367

Ion Ratio Lower Upper

146 100

148 60.5 51.0 76.6

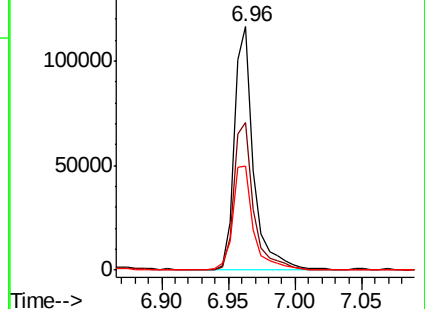
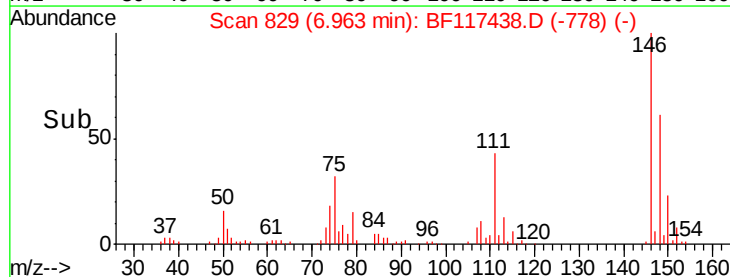
111 42.9 36.5 54.7

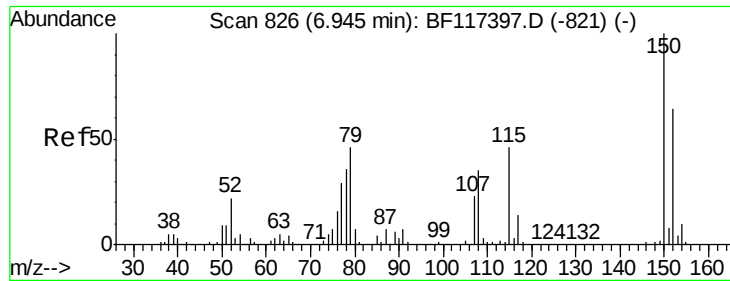


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

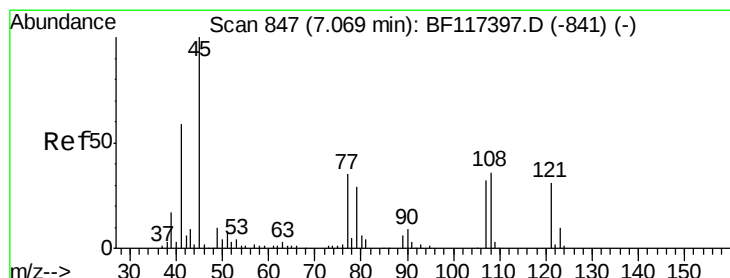
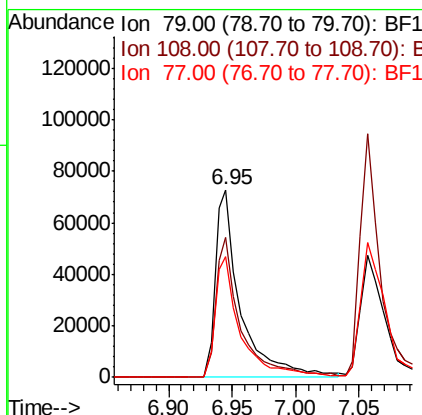
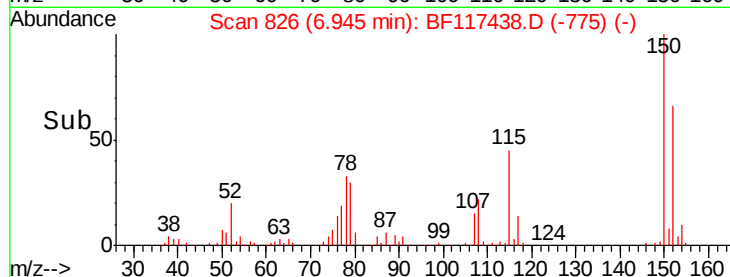
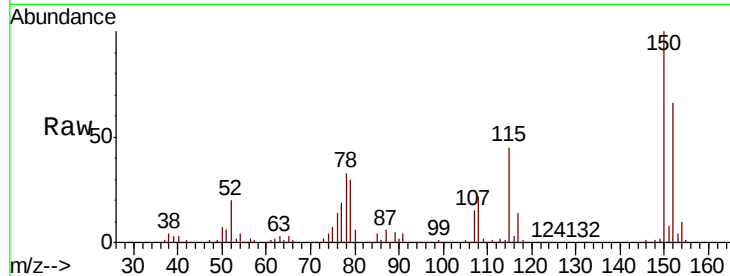




#15
Benzyl Alcohol
Concen: 41.991 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

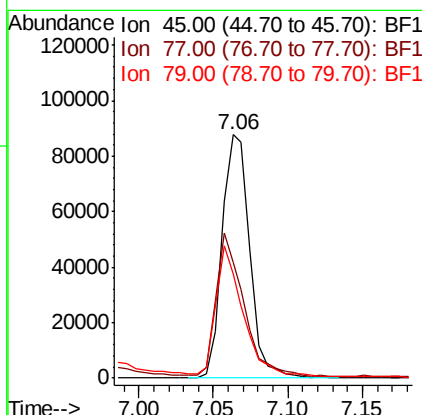
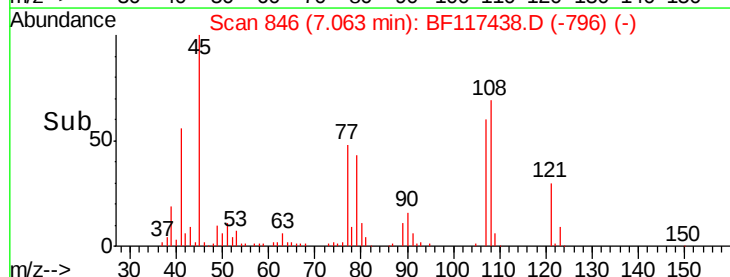
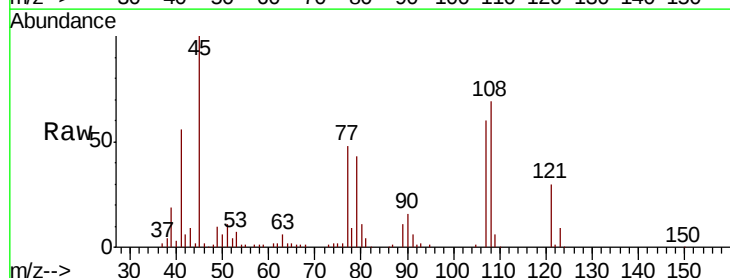
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

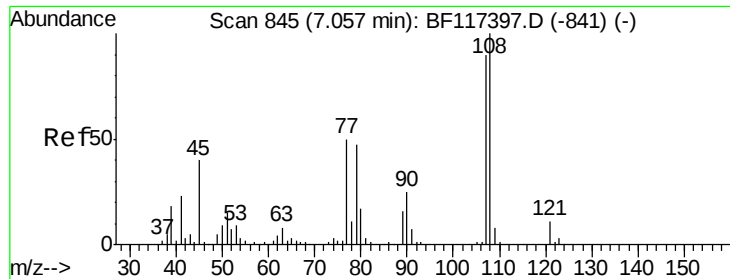
Tot Ion: 79 Resp: 101763
Ion Ratio Lower Upper
79 100
108 74.7 60.4 90.6
77 64.3 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.820 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion: 45 Resp: 114172
Ion Ratio Lower Upper
45 100
77 47.7 15.9 55.9
79 42.6 10.7 50.7

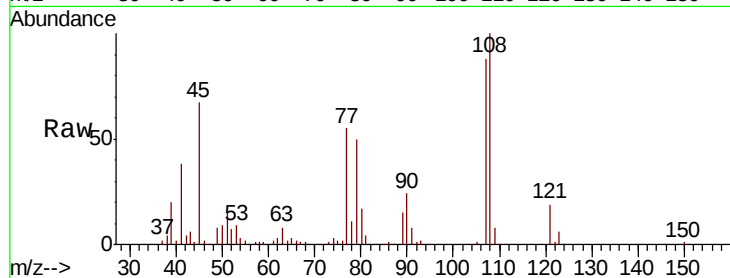




#17
2-Methylphenol
Concen: 40.923 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	107	Resp:	90677
Ion	Ratio	Lower	Upper
107	100		
108	113.5	89.4	134.2
77	62.7	45.1	67.7
79	57.1	42.3	63.5



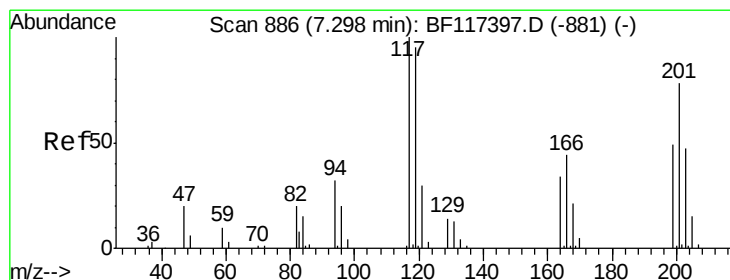
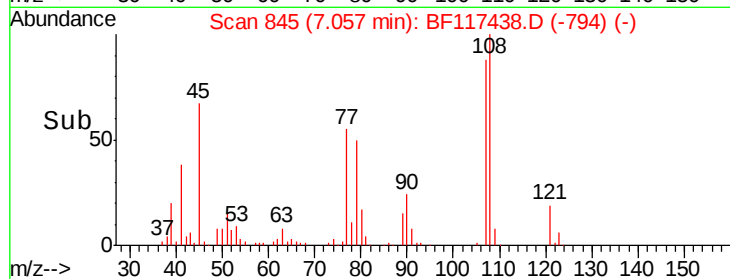
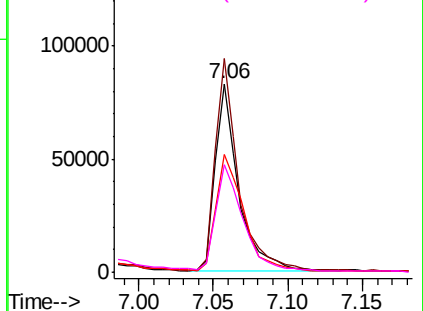
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

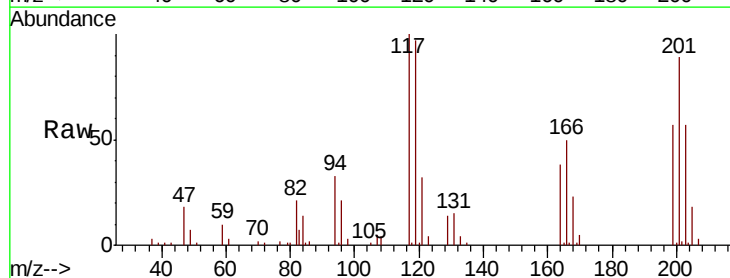
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.417 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:	117	Resp:	47547
Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.7	113.5
201	88.6	62.2	93.4

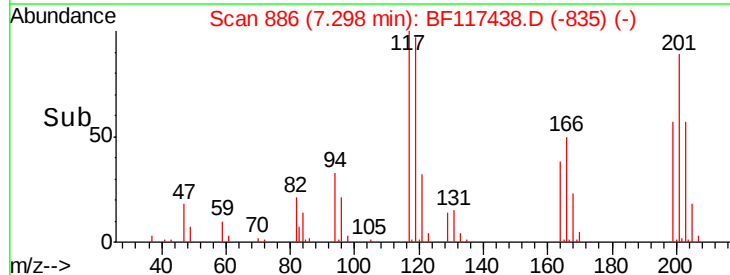
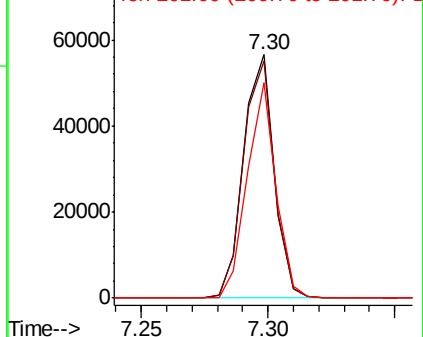


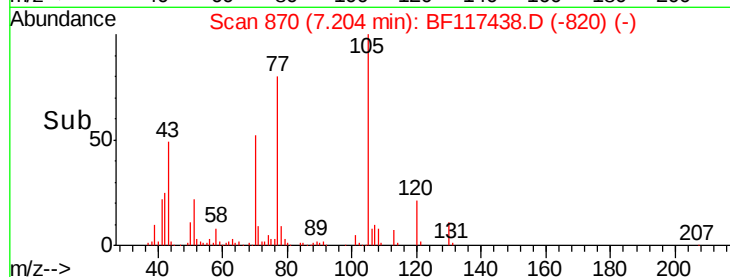
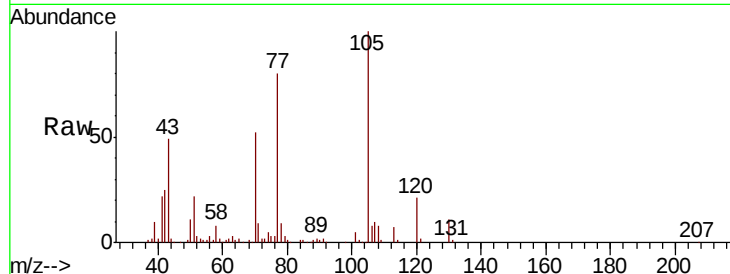
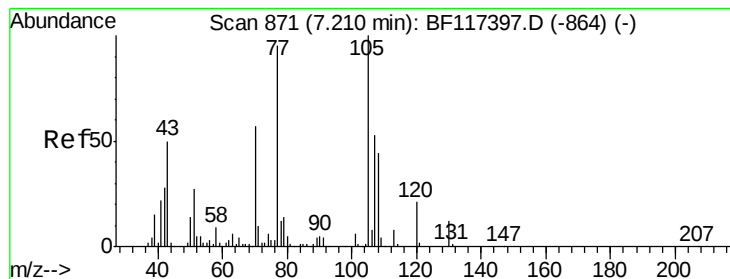
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.439 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 83694

Ion Ratio Lower Upper

70 100

42 48.5 39.8 59.8

101 9.8 8.1 12.1

130 21.8 16.4 24.6

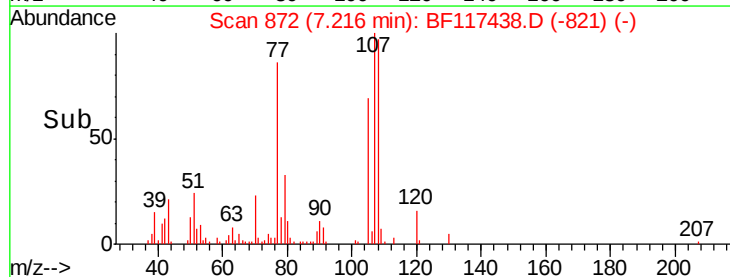
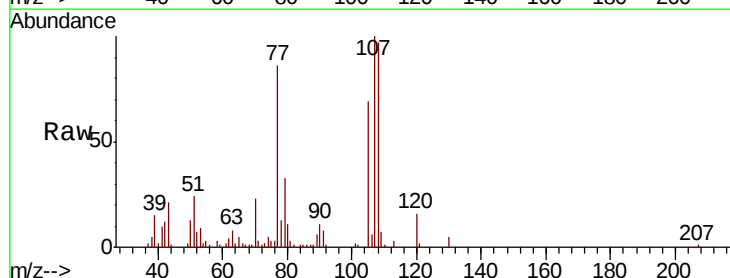
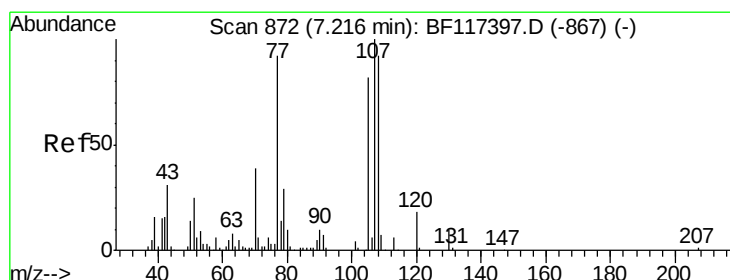
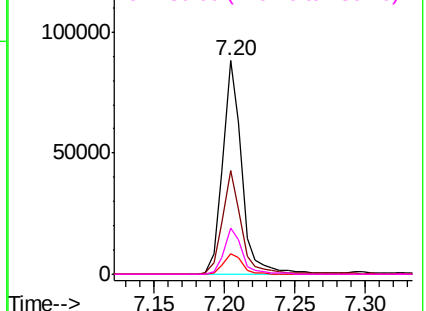
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.111 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Tgt Ion: 107 Resp: 117293

Ion Ratio Lower Upper

107 100

108 97.3 71.8 111.8

77 86.2 72.7 112.7

79 32.8 9.5 49.5

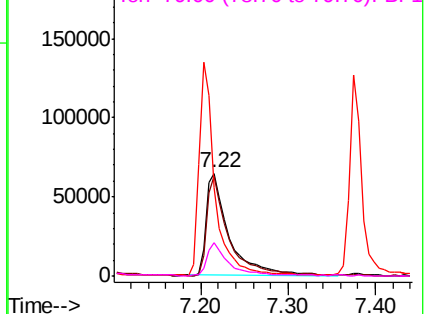
Abundance

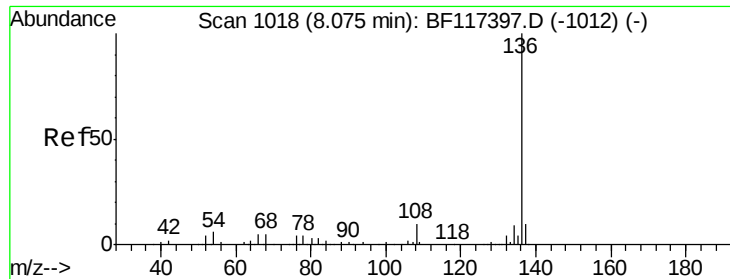
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 160516

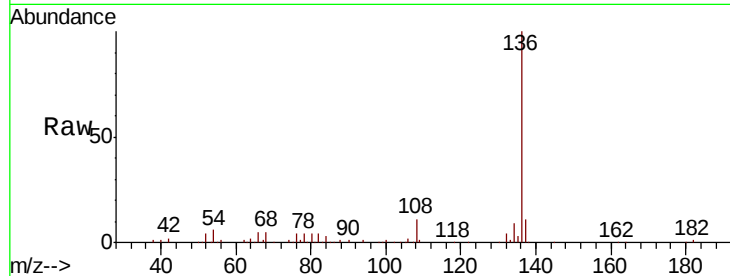
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 6.1 4.6 6.8

68 5.2 3.8 5.8

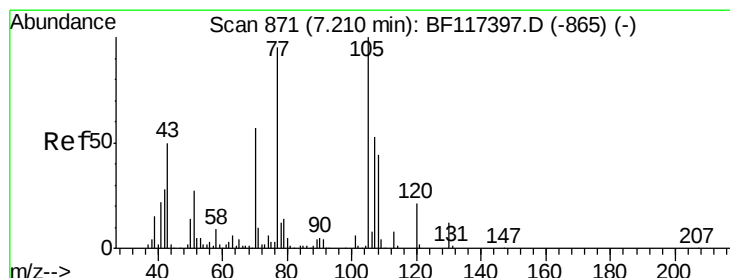
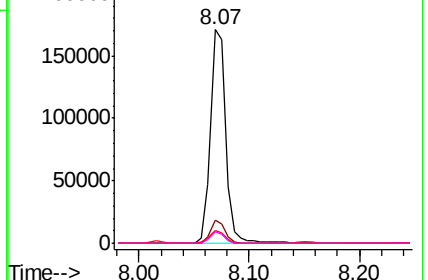
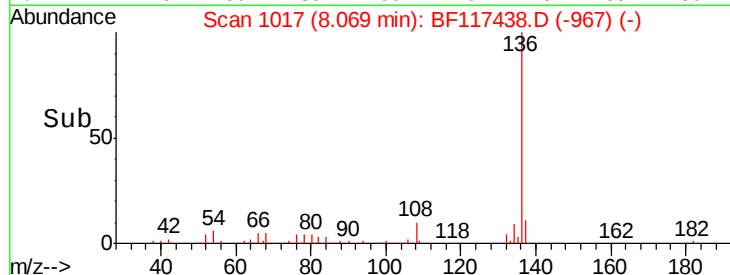


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.188 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Tgt Ion:105 Resp: 173485

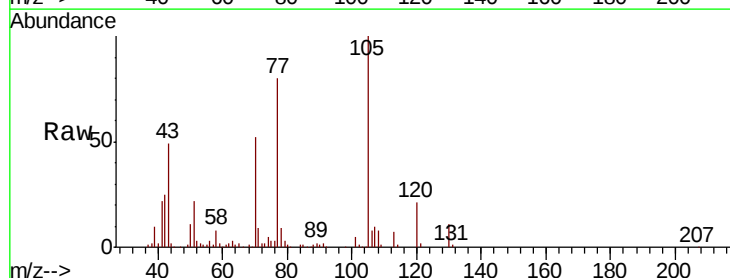
Ion Ratio Lower Upper

105 100

71 8.5 7.8 11.6

51 22.5 21.5 32.3

120 20.6 16.7 25.1

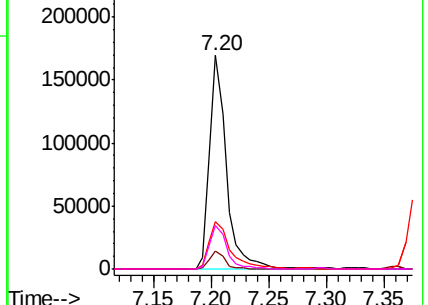
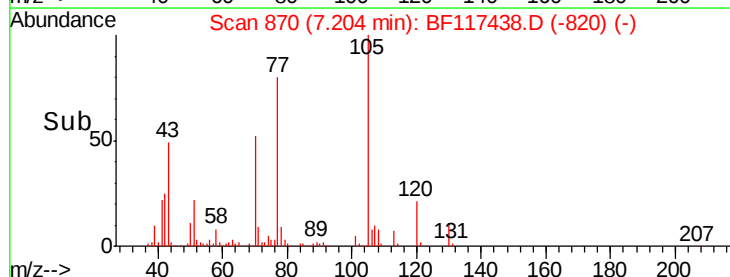


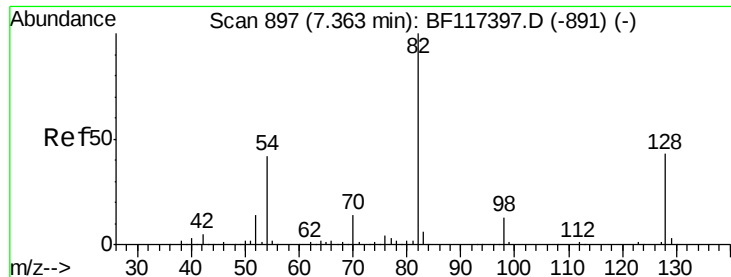
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

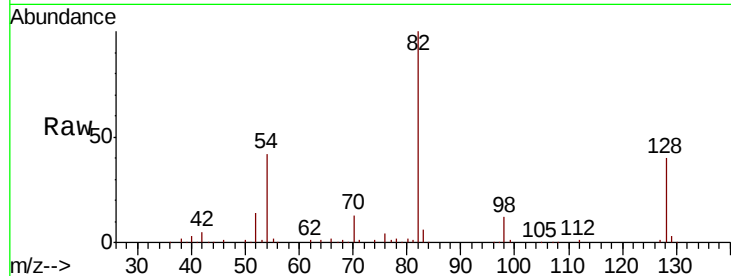




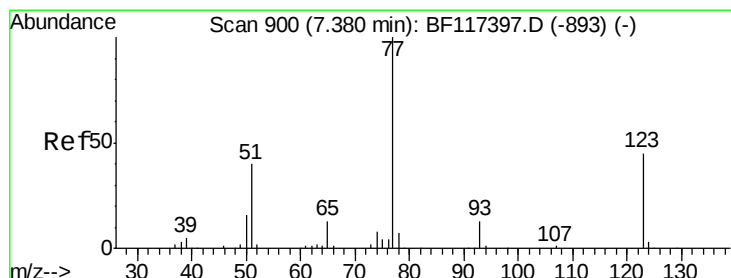
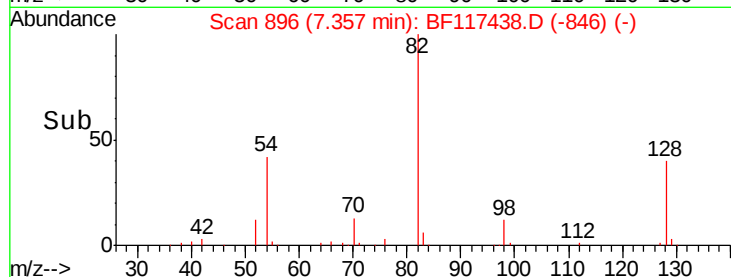
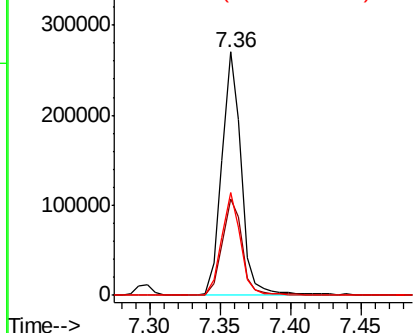
#23
Nitrobenzene-d5
Concen: 82.211 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.1	51.1
54	42.2	33.3	49.9

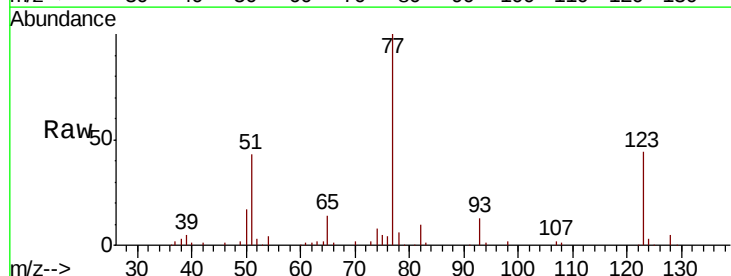


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

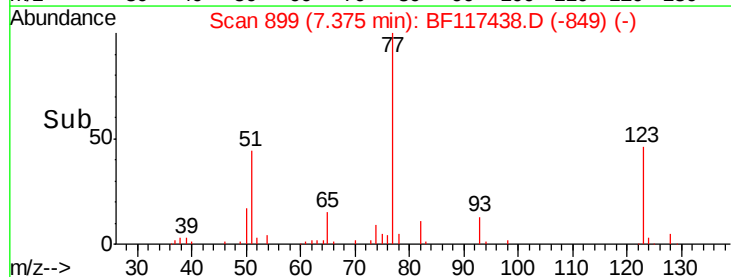
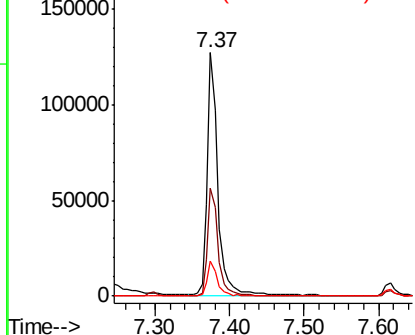


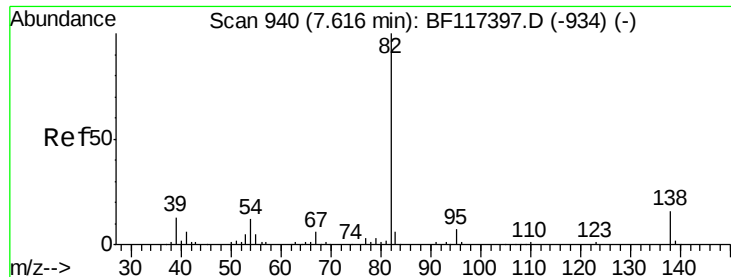
#24
Nitrobenzene
Concen: 41.213 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	35.8	53.8
65	14.2	10.1	15.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.104 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

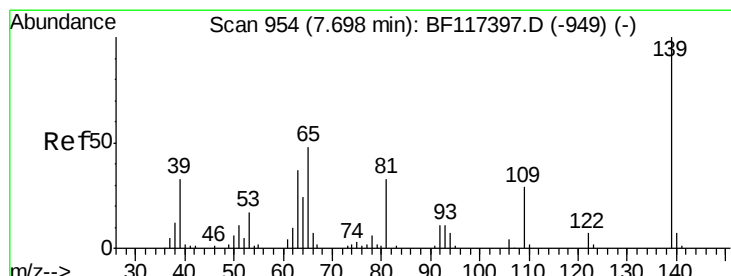
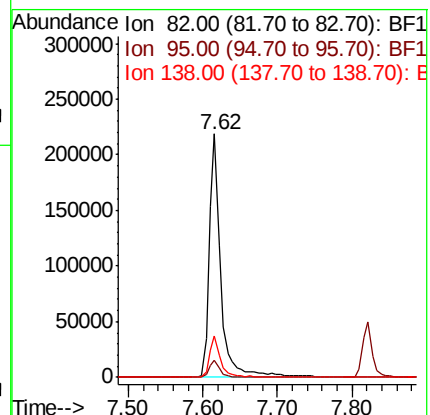
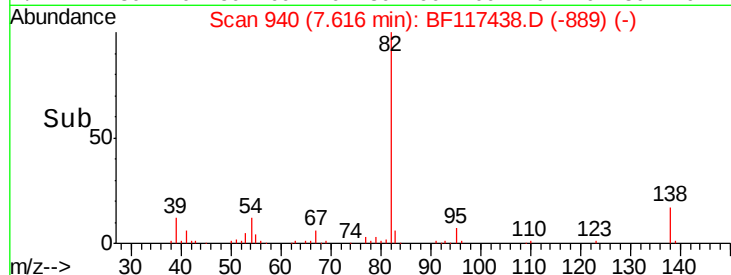
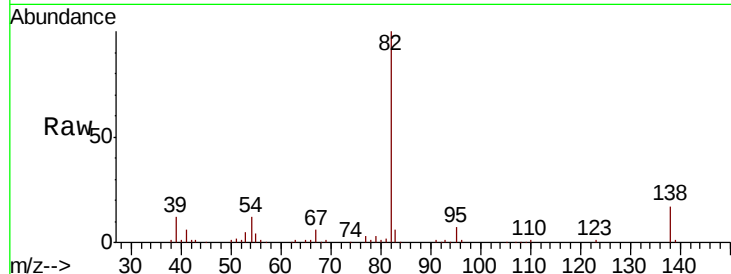
Tot Ion: 82 Resp: 237501

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

138 16.7 13.0 19.4



#26

2-Nitrophenol

Concen: 41.351 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

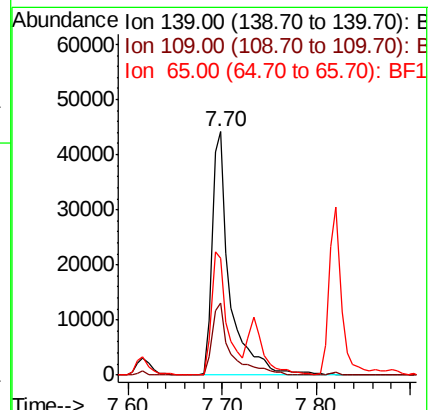
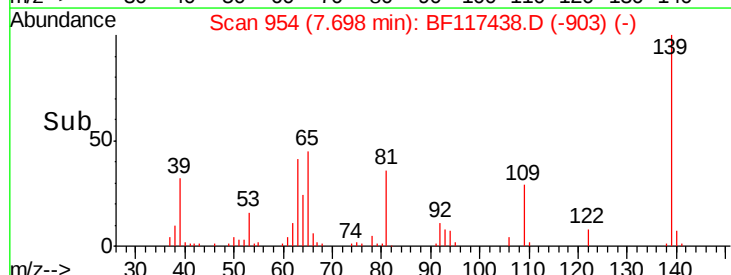
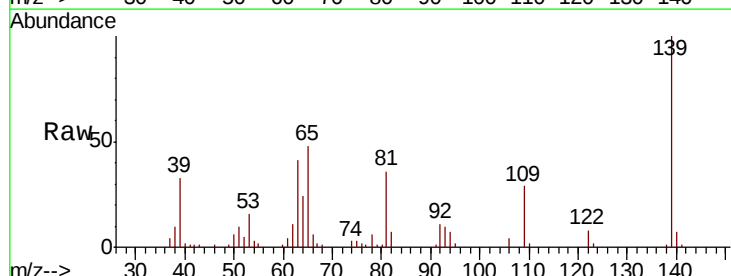
Tgt Ion: 139 Resp: 58196

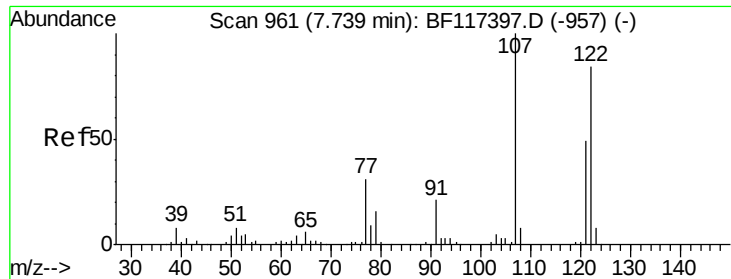
Ion Ratio Lower Upper

139 100

109 29.4 23.1 34.7

65 47.8 38.2 57.4

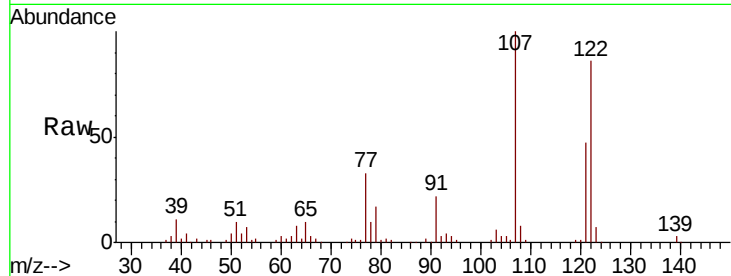




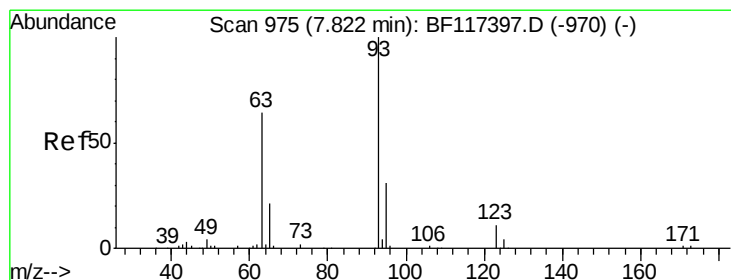
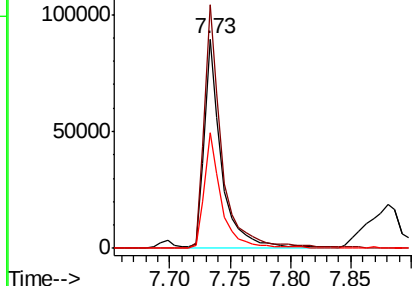
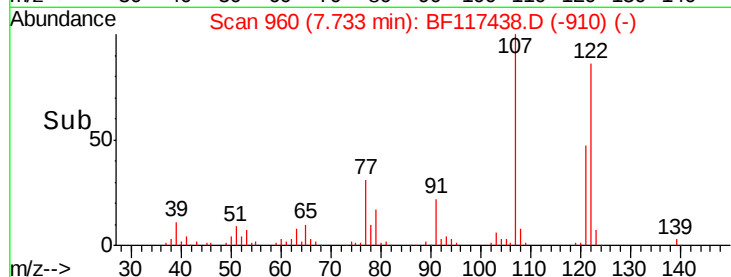
#27
 2,4-Dimethylphenol
 Concen: 40.693 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:122 Resp: 87039
 Ion Ratio Lower Upper
 122 100
 107 116.2 95.0 142.6
 121 55.0 46.6 69.8

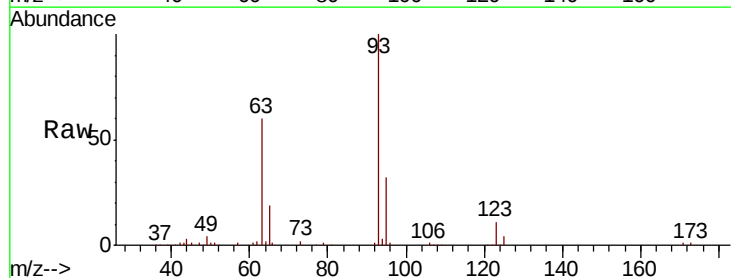


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

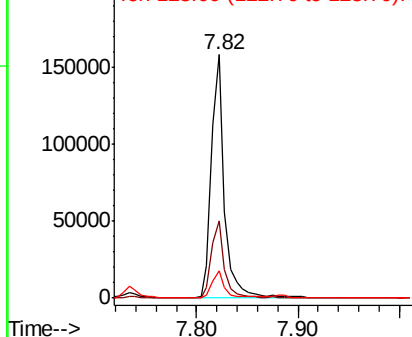
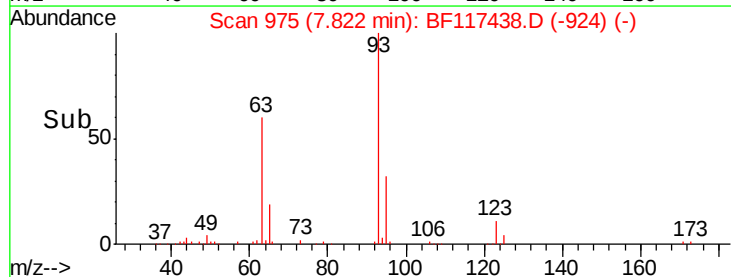


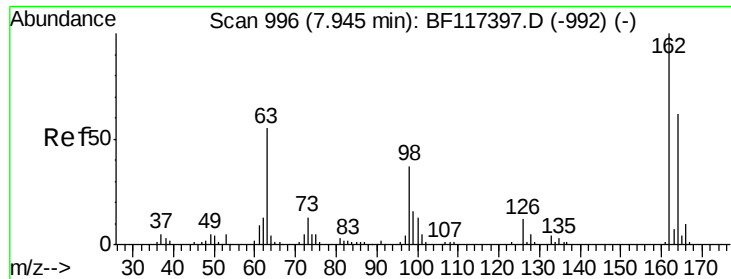
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.621 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Tgt Ion: 93 Resp: 142049
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.1 37.7
 123 11.1 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

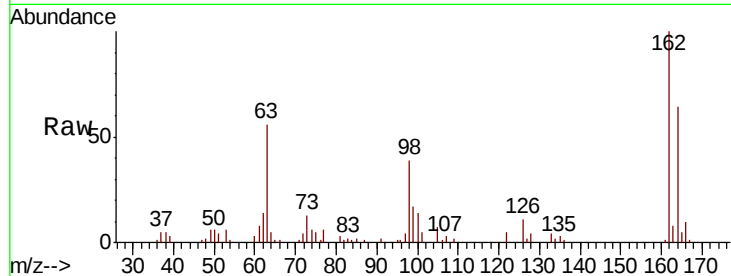




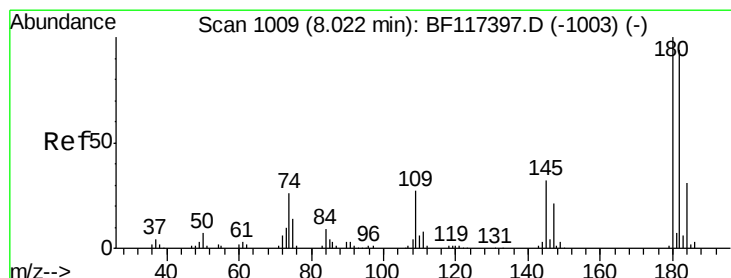
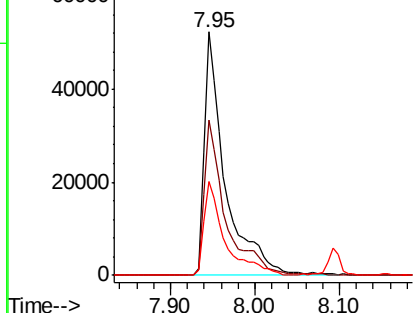
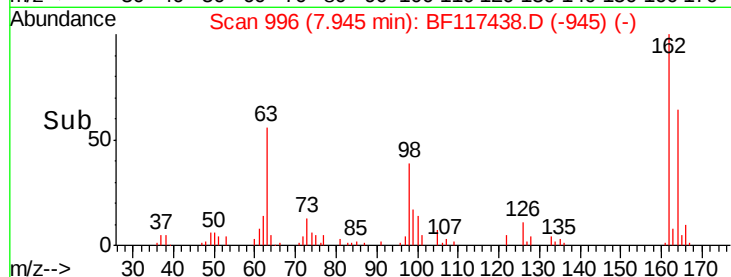
#29
2,4-Dichlorophenol
Concen: 40.790 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:162 Resp: 90023
Ion Ratio Lower Upper
162 100
164 63.5 42.2 82.2
98 38.6 17.4 57.4

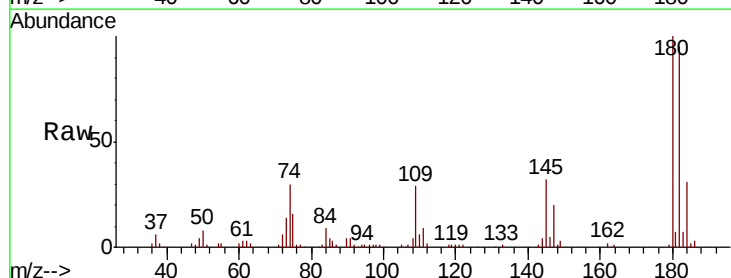


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

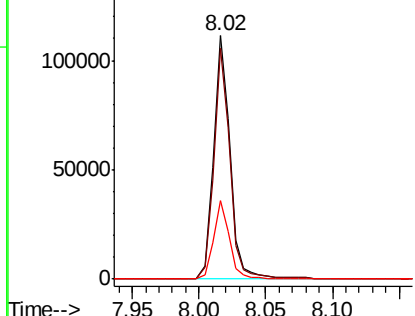
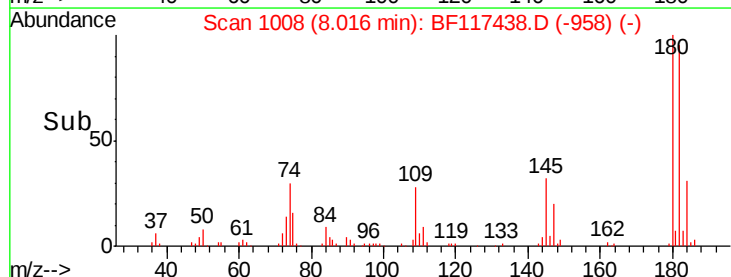


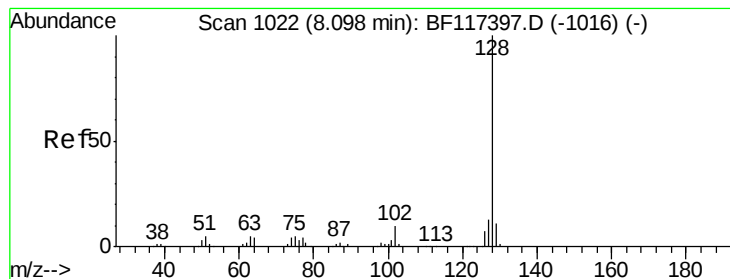
#30
1,2,4-Trichlorobenzene
Concen: 40.918 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:180 Resp: 97353
Ion Ratio Lower Upper
180 100
182 95.0 75.4 113.2
145 32.0 25.5 38.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.873 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

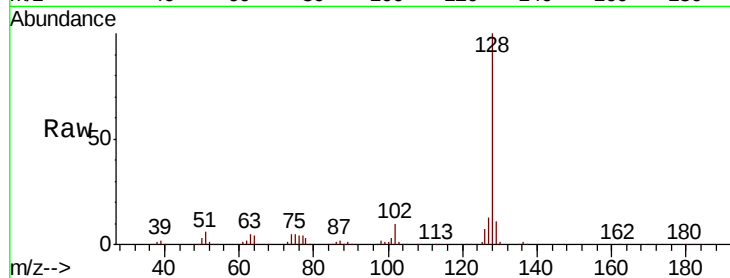
Tot Ion:128 Resp: 327648

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

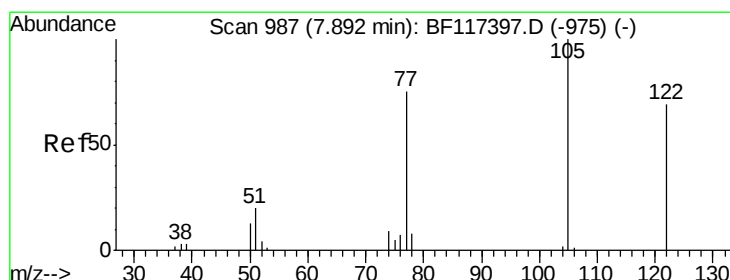
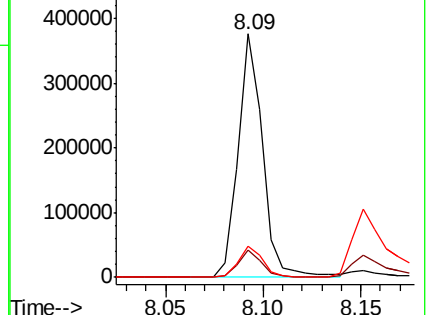
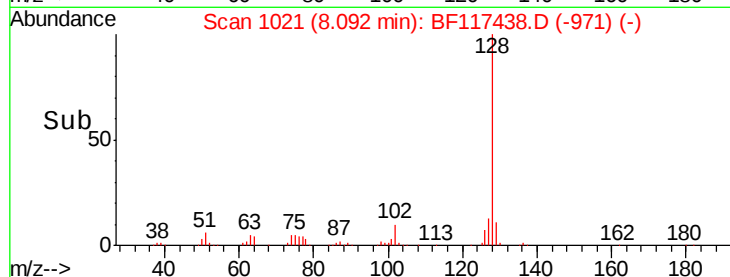
127 12.6 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.798 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

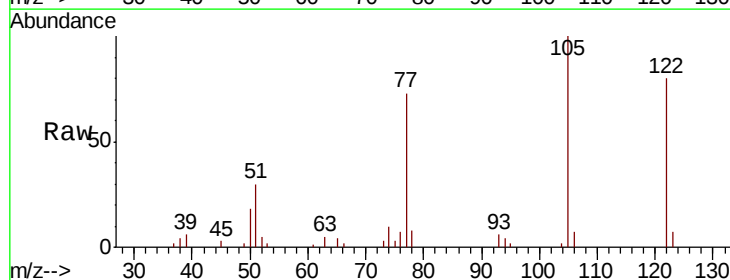
Tgt Ion:122 Resp: 47053

Ion Ratio Lower Upper

122 100

105 124.8 121.5 161.5

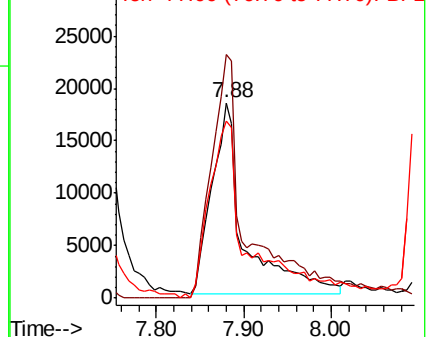
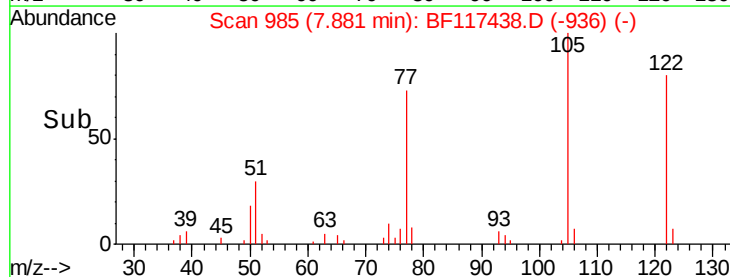
77 90.7 88.3 128.3

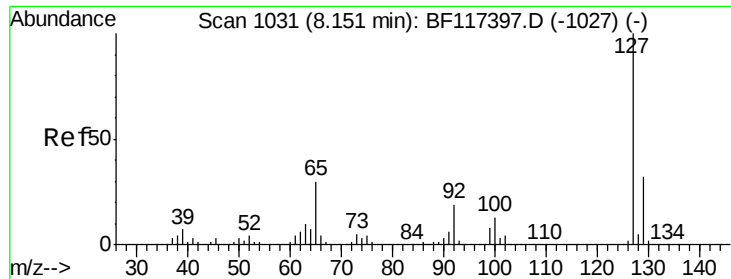


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

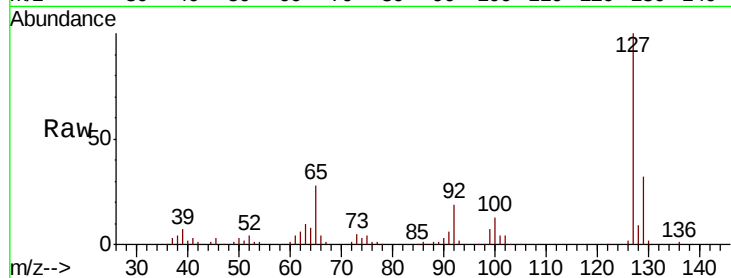




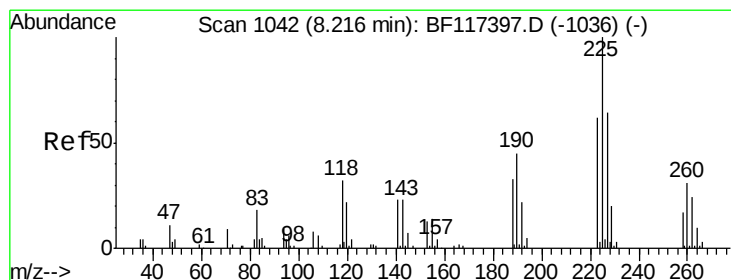
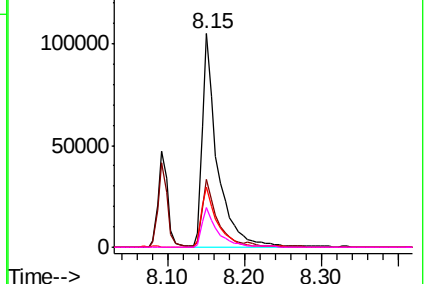
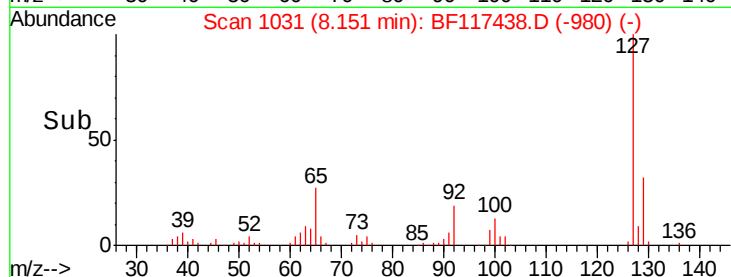
#33
4-Chloroaniline
Concen: 42.427 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	144436
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.0
65	28.0	23.8	35.8
92	18.5	15.3	22.9

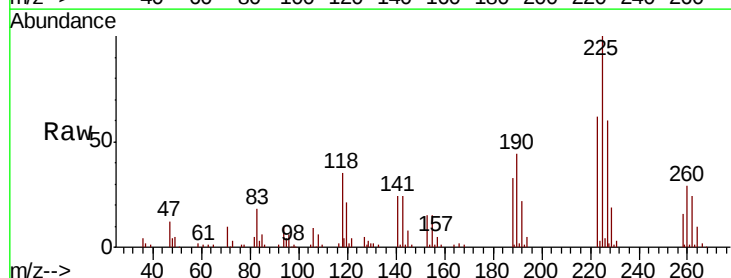


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

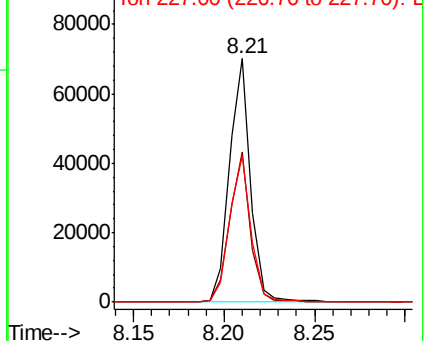
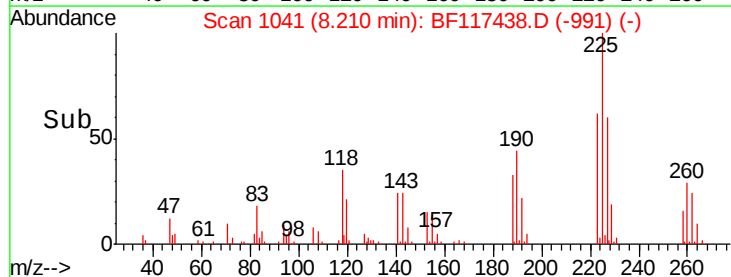


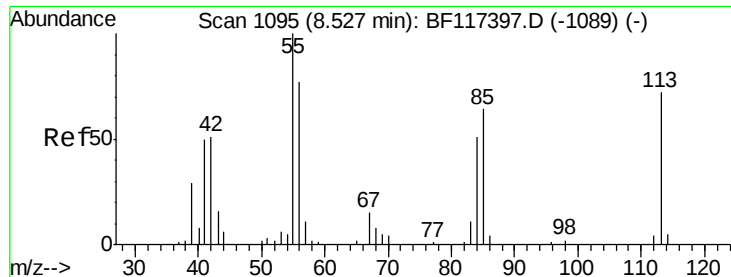
#34
Hexachlorobutadiene
Concen: 41.665 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:	225	Resp:	56775
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	60.0	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

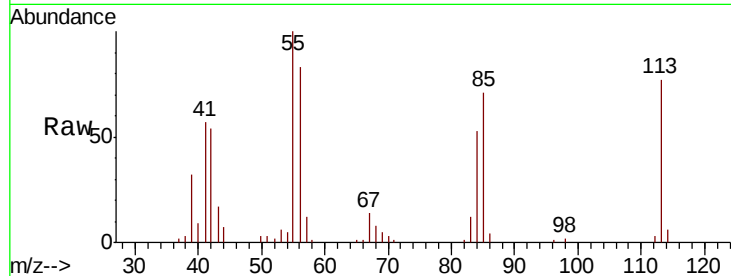




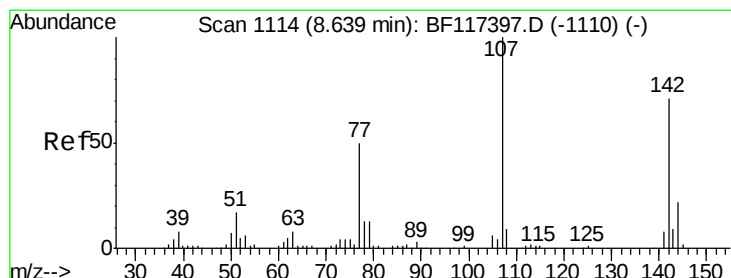
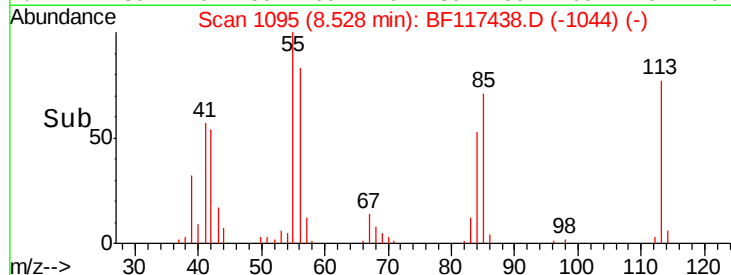
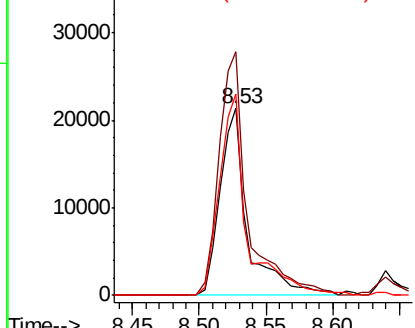
#35
 Caprolactam
 Concen: 44.763 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:113 Resp: 30938
 Ion Ratio Lower Upper
 113 100
 55 130.1 118.5 158.5
 56 107.4 86.7 126.7

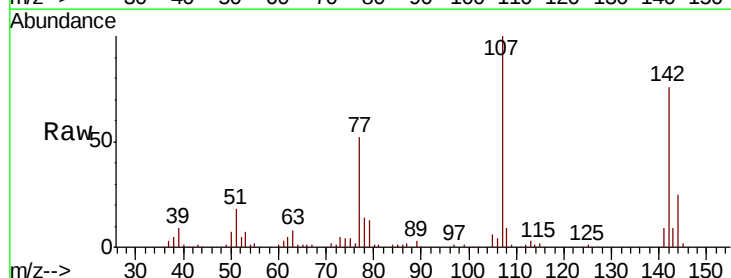


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

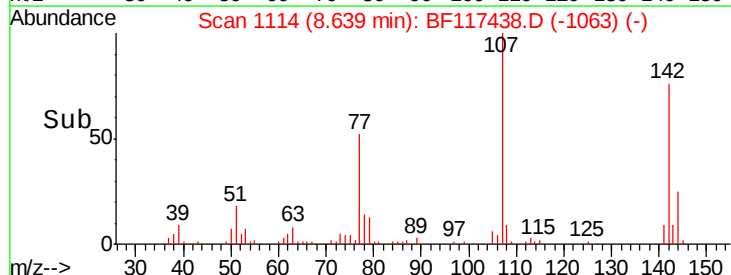
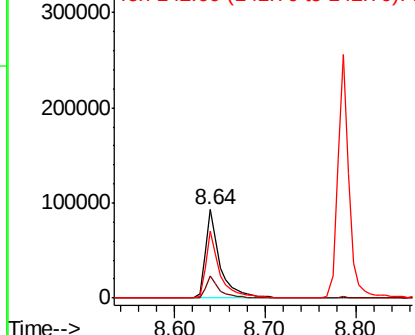


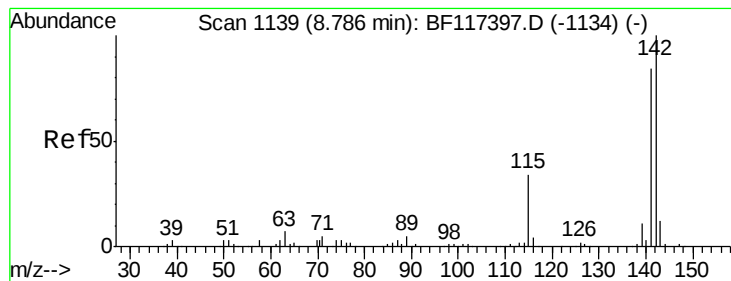
#36
 4-Chloro-3-methylphenol
 Concen: 42.194 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Tgt Ion:107 Resp: 105963
 Ion Ratio Lower Upper
 107 100
 144 24.7 17.9 26.9
 142 75.6 56.9 85.3



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.343 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

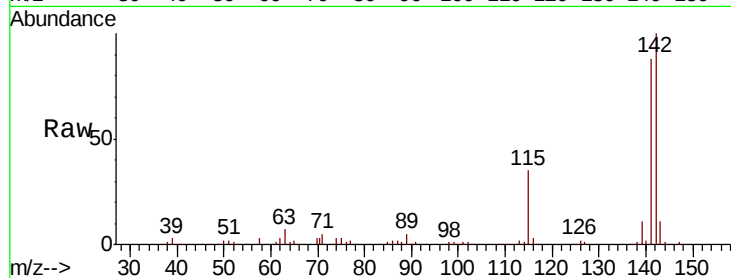
Tot Ion:142 Resp: 223794

Ion Ratio Lower Upper

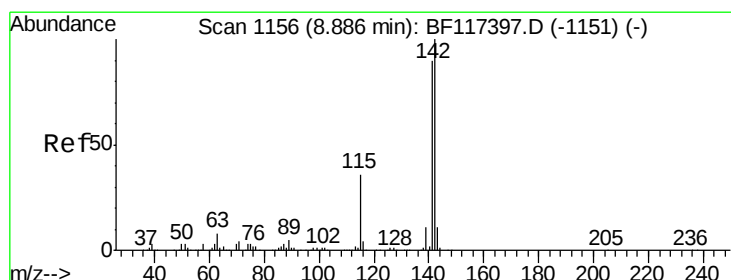
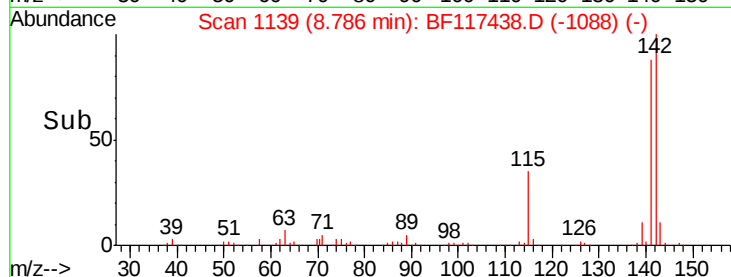
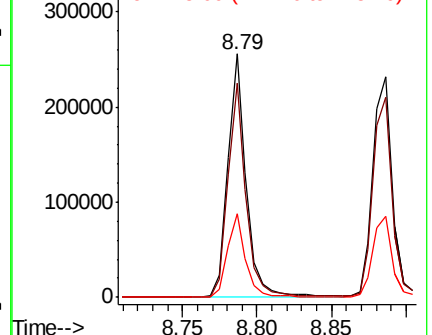
142 100

141 88.0 67.2 100.8

115 34.5 26.9 40.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.031 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

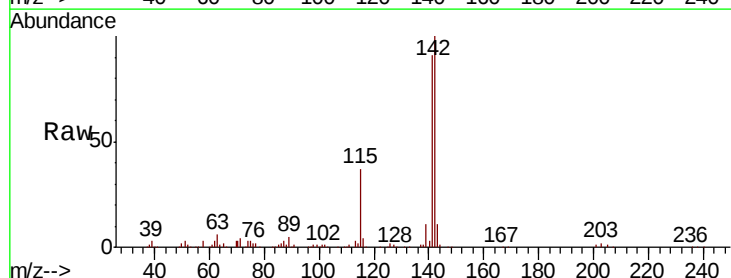
Tgt Ion:142 Resp: 209263

Ion Ratio Lower Upper

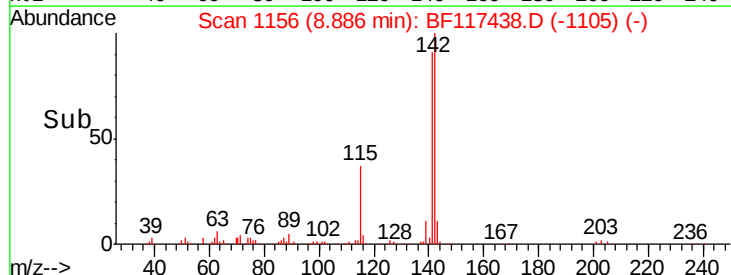
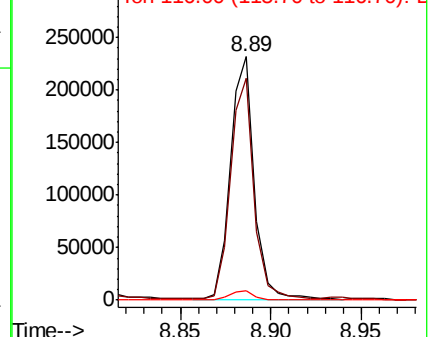
142 100

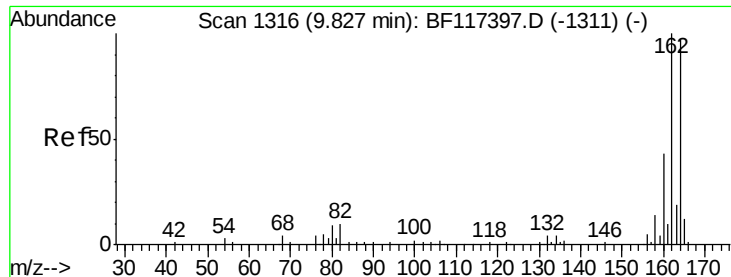
141 90.9 71.8 107.8

116 3.7 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

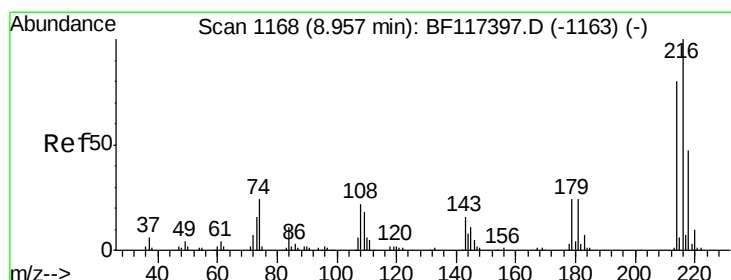
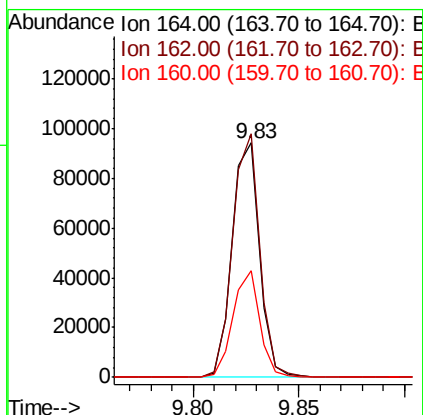
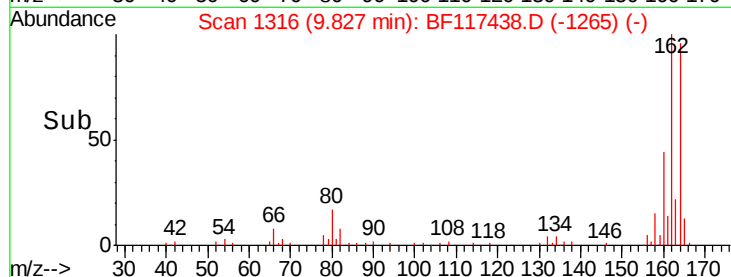
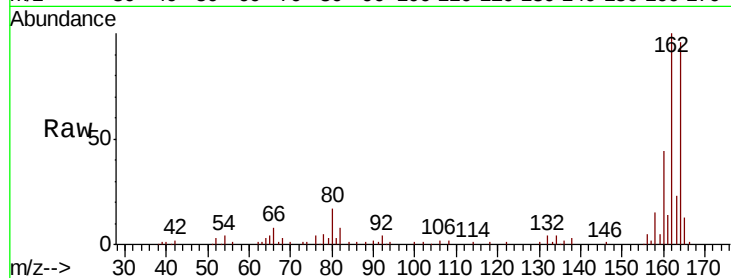
Tot Ion:164 Resp: 84343

Ion Ratio Lower Upper

164 100

162 103.8 82.4 123.6

160 45.7 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.284 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Tgt Ion:216 Resp: 91442

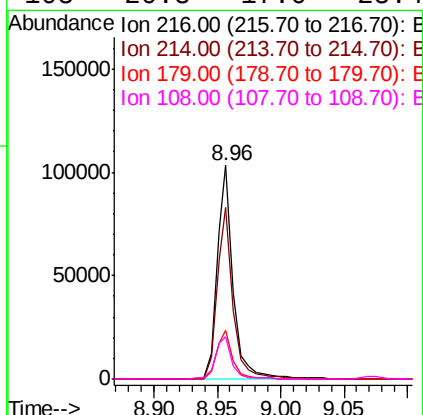
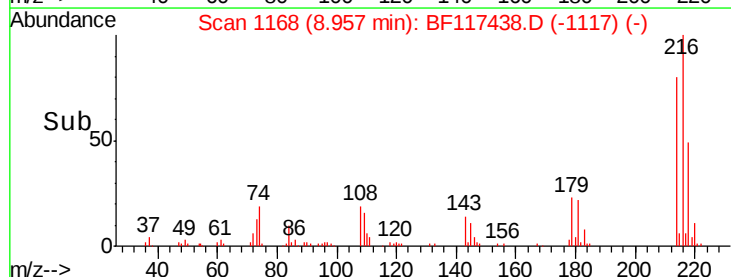
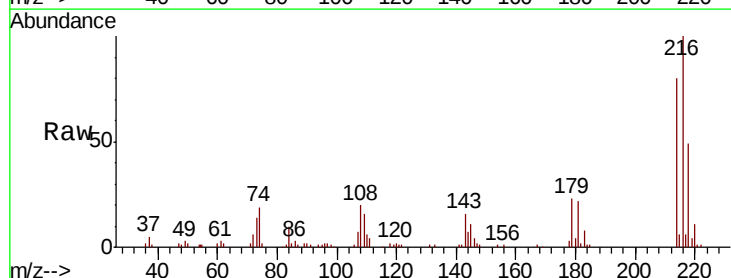
Ion Ratio Lower Upper

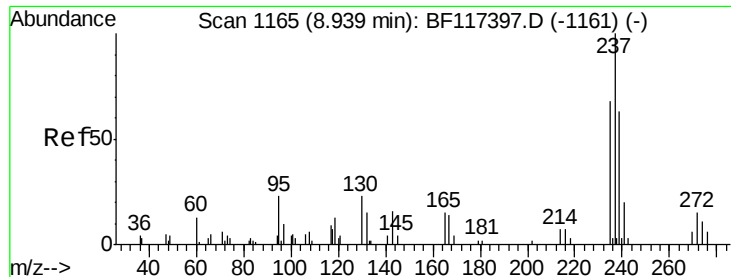
216 100

214 79.5 63.8 95.6

179 22.6 18.6 28.0

108 20.8 17.0 25.4





#41

Hexachlorocyclopentadiene

Concen: 21.048 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

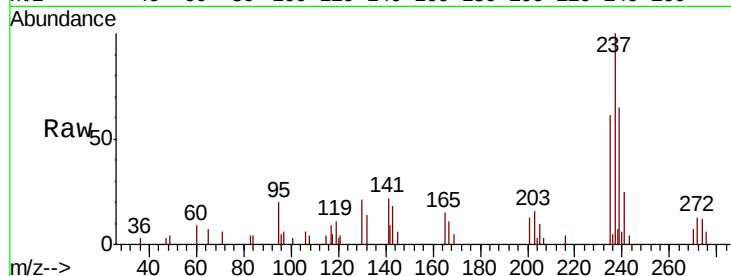
Tot Ion:237 Resp: 8922

Ion Ratio Lower Upper

237 100

235 60.8 47.8 87.8

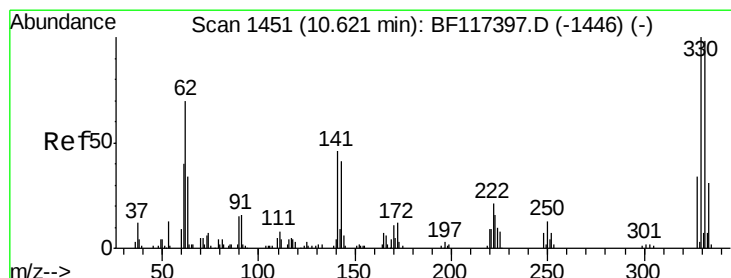
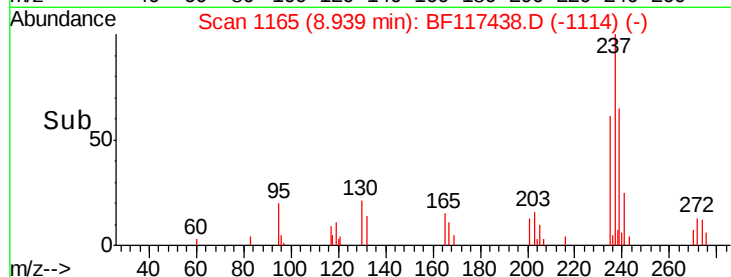
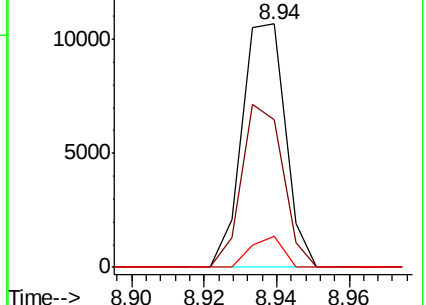
272 12.8 0.0 35.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 88.596 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

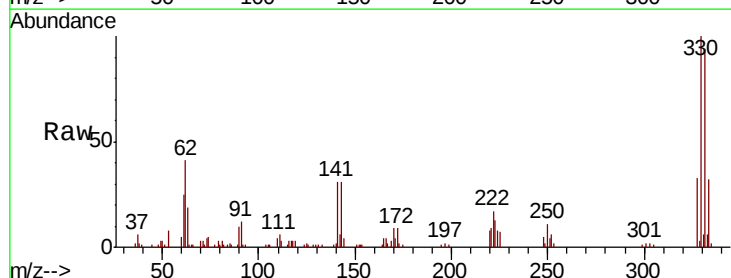
Tgt Ion:330 Resp: 60816

Ion Ratio Lower Upper

330 100

332 95.6 75.0 112.6

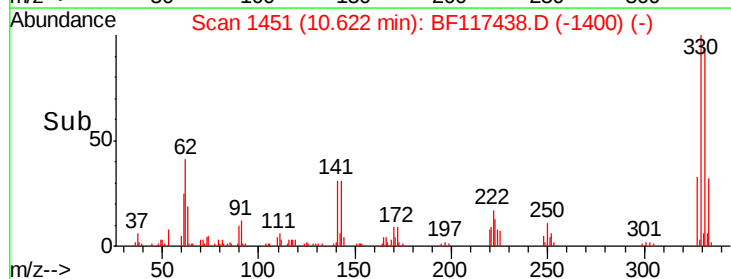
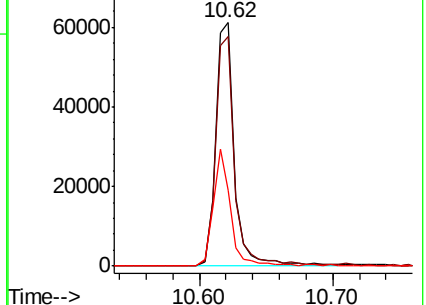
141 43.6 34.2 51.4

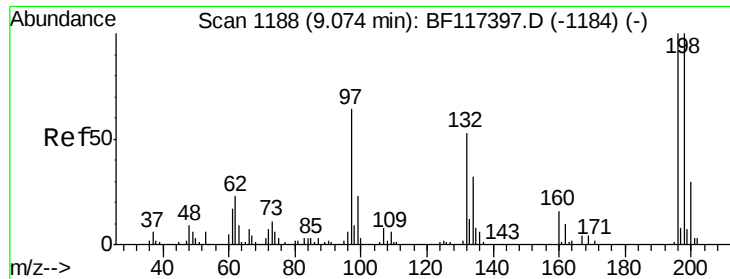


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

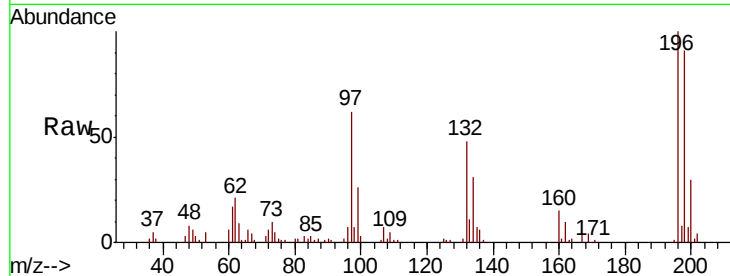




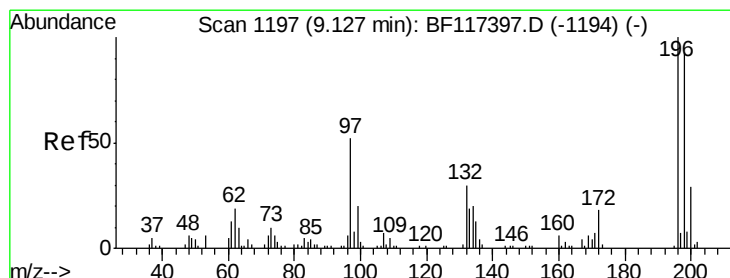
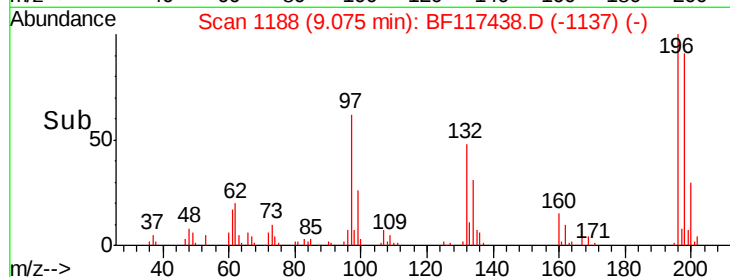
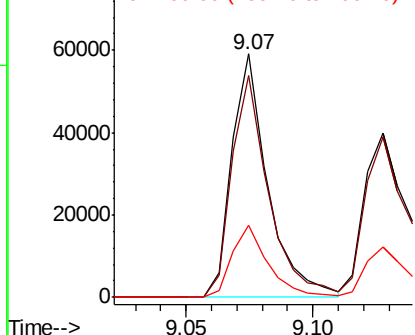
#43
 2,4,6-Trichlorophenol
 Concen: 40.726 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 58505
 Ion Ratio Lower Upper
 196 100
 198 91.2 79.8 119.6
 200 29.5 23.7 35.5

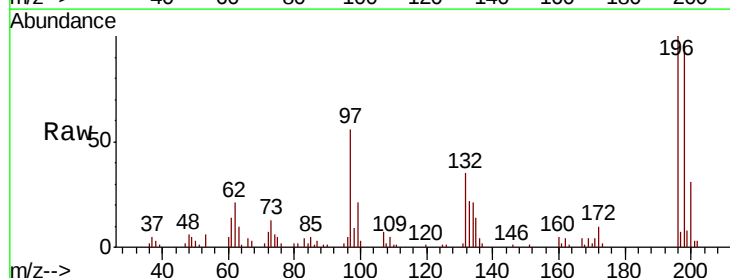


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

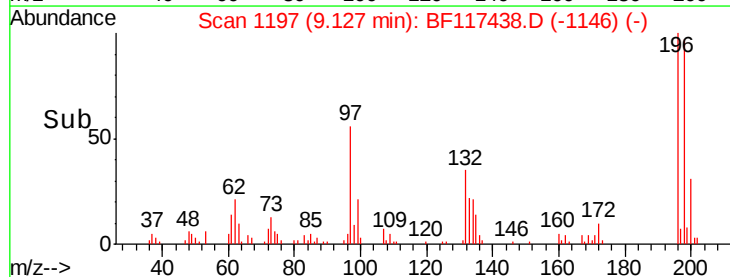
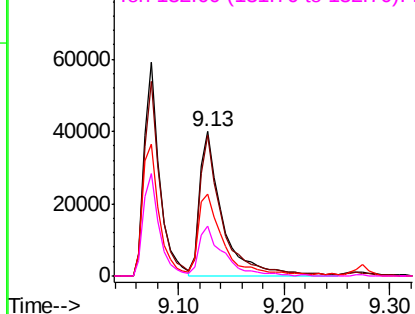


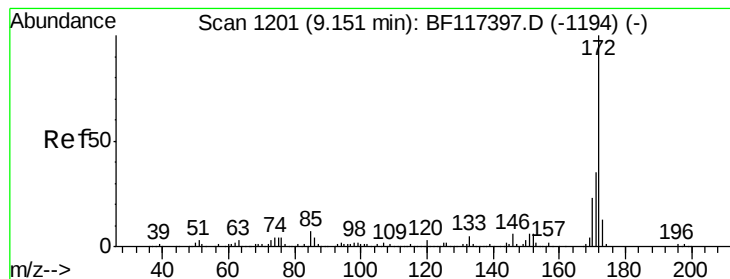
#44
 2,4,5-Trichlorophenol
 Concen: 41.128 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Tgt Ion:196 Resp: 60265
 Ion Ratio Lower Upper
 196 100
 198 97.4 74.9 112.3
 97 56.5 42.5 63.7
 132 34.8 24.7 37.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 81.293 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

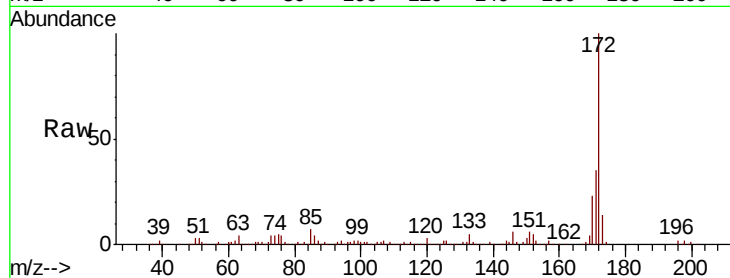
Tot Ion:172 Resp: 470306

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

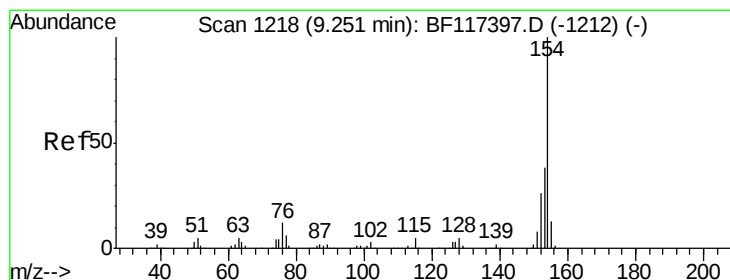
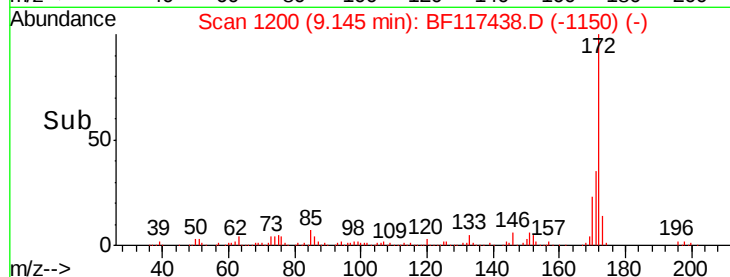
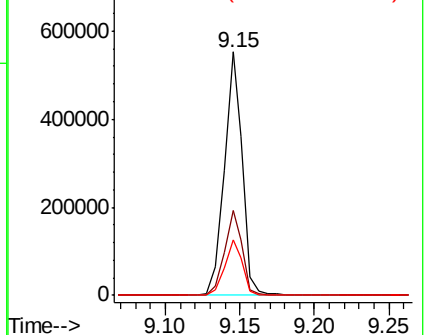
170 22.8 18.2 27.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.931 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

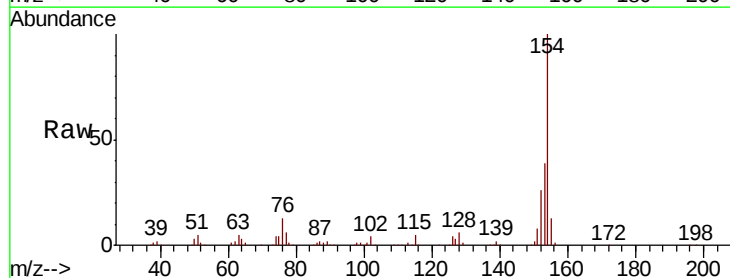
Tgt Ion:154 Resp: 282030

Ion Ratio Lower Upper

154 100

153 38.8 18.3 58.3

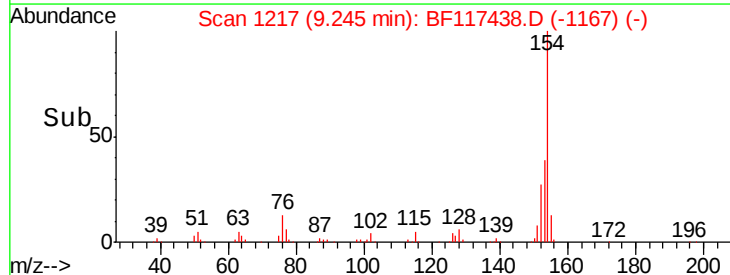
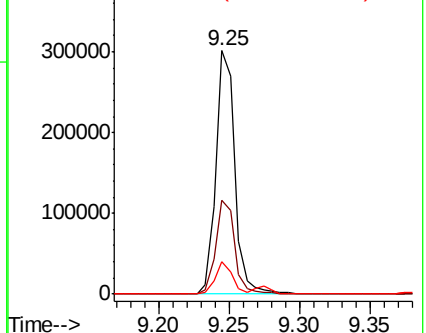
76 13.2 0.0 32.3

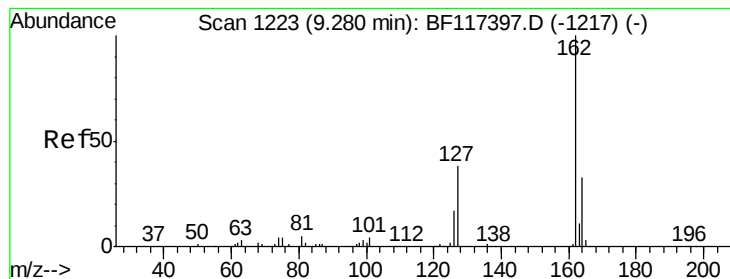


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.255 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

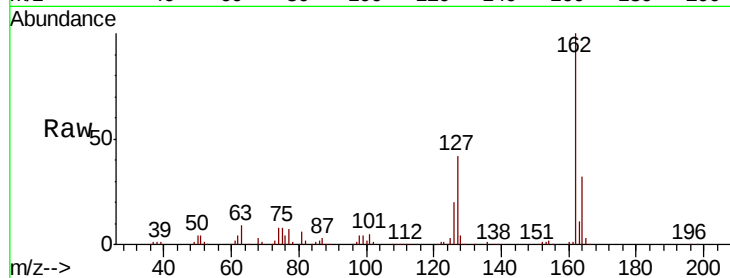
Tot Ion:162 Resp: 216222

Ion Ratio Lower Upper

162 100

127 41.8 32.6 48.8

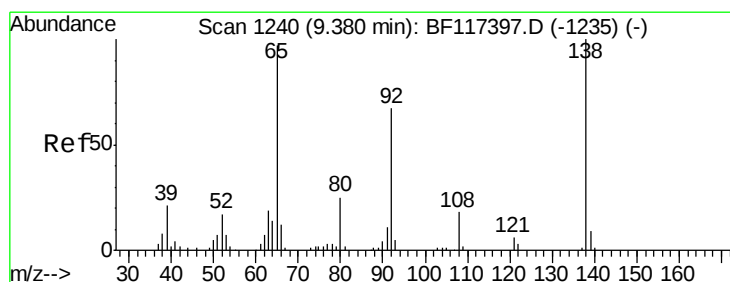
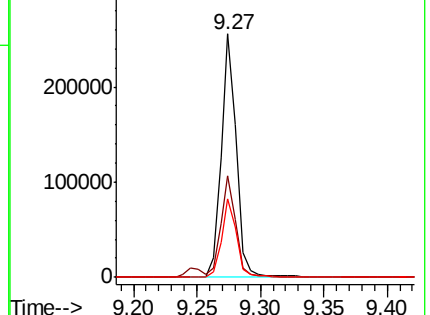
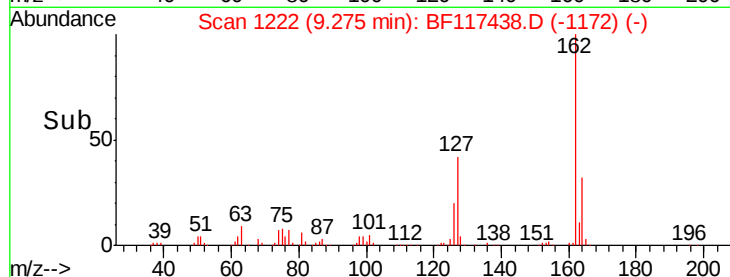
164 32.0 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.910 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

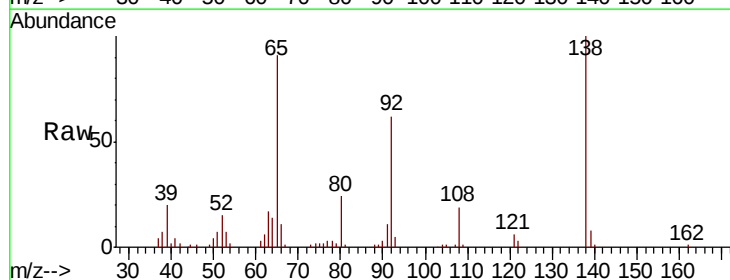
Tgt Ion: 65 Resp: 73538

Ion Ratio Lower Upper

65 100

92 68.8 55.4 83.0

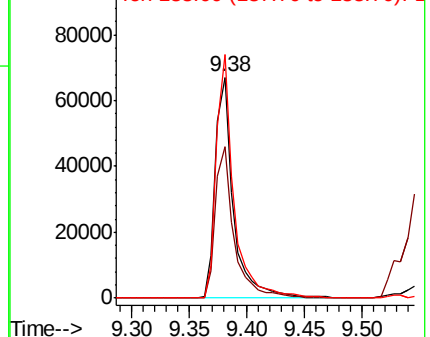
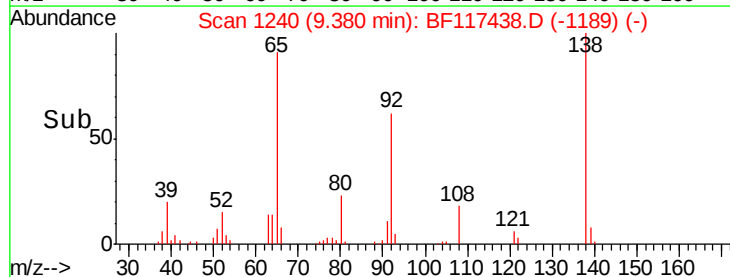
138 110.4 82.6 124.0

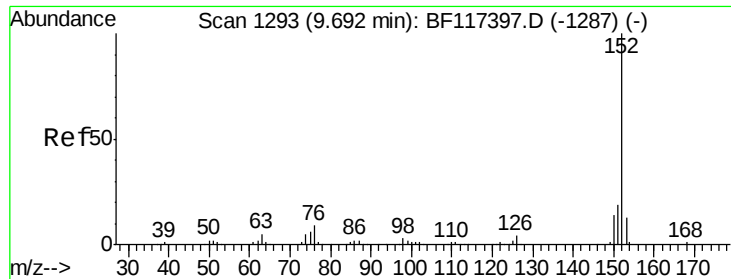


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.101 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

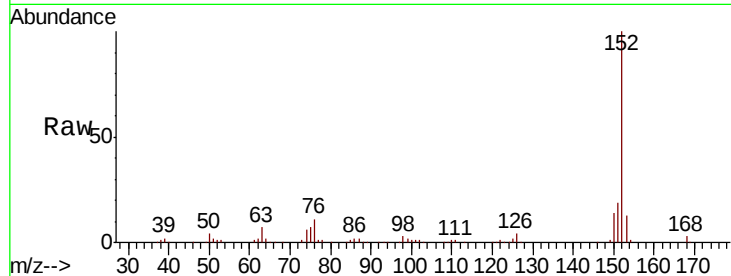
Tot Ion:152 Resp: 331508

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3

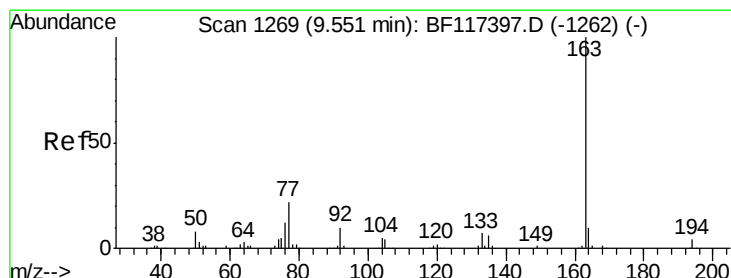
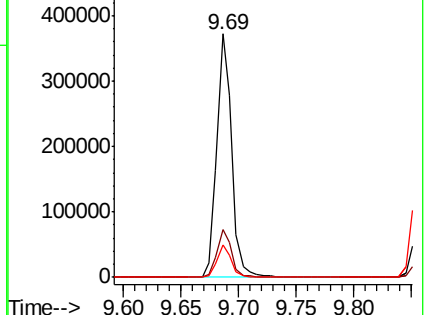
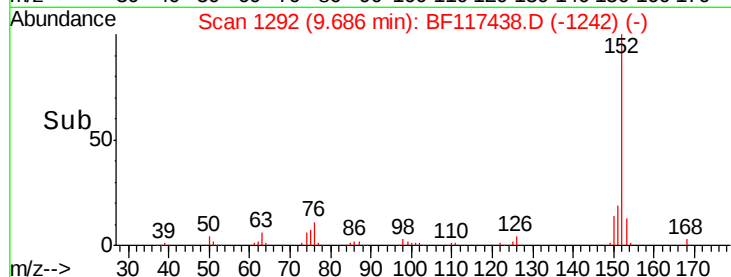
153 13.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.488 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

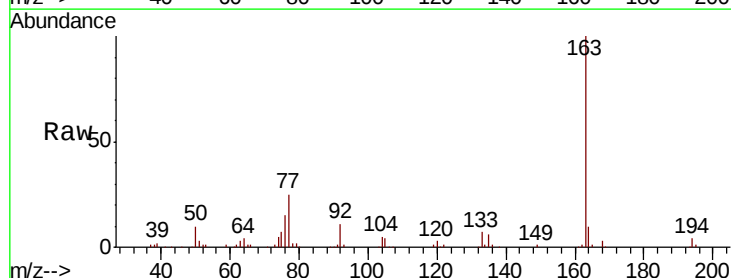
Tgt Ion:163 Resp: 257365

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

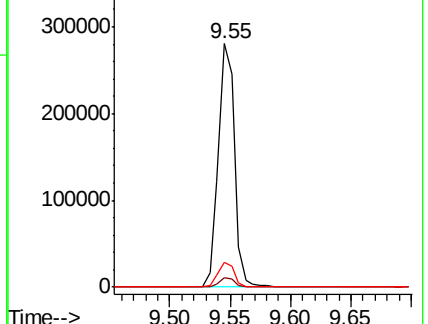
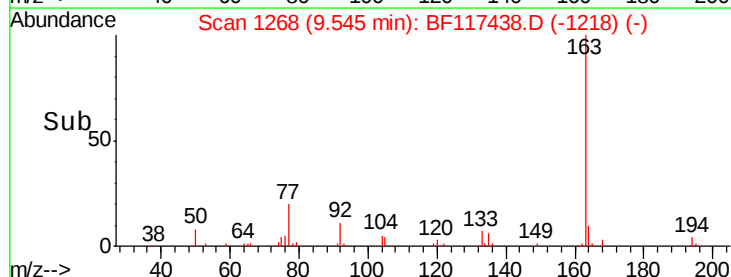
164 10.4 8.0 12.0

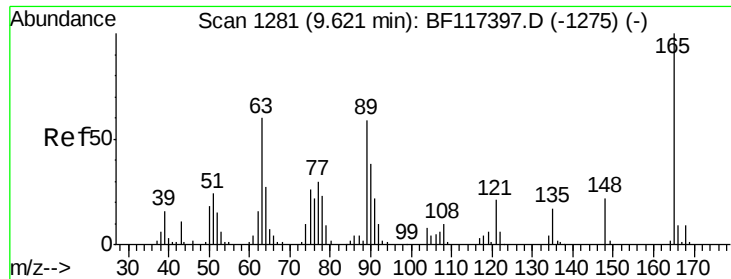


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

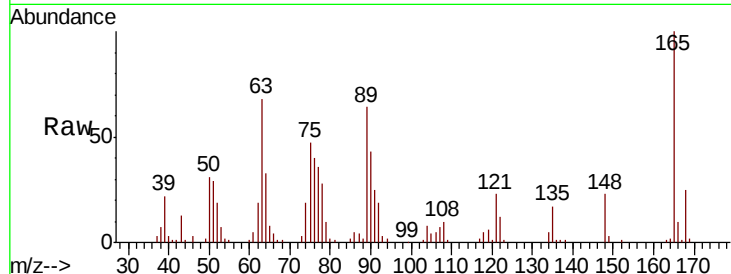




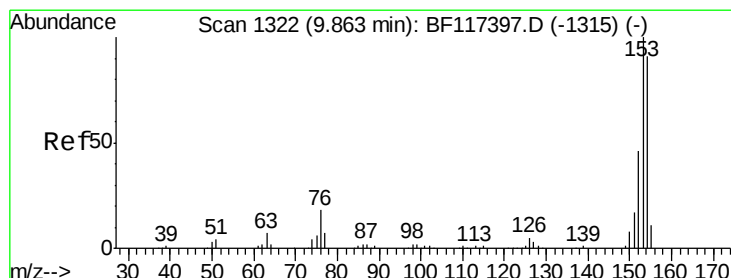
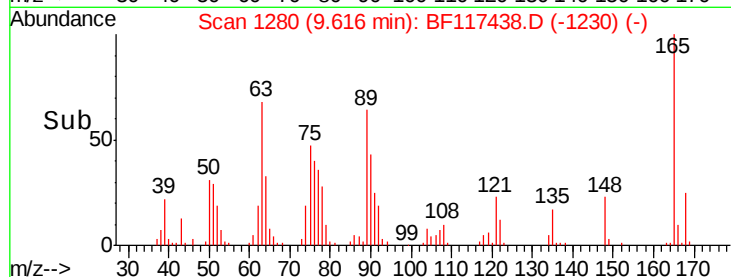
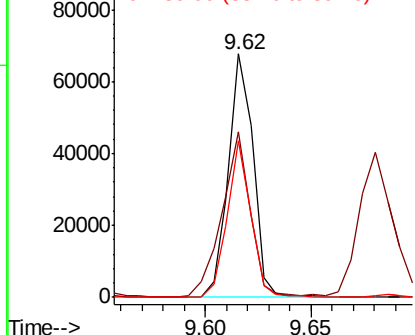
#51
2,6-Dinitrotoluene
Concen: 42.989 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:165 Resp: 54733
Ion Ratio Lower Upper
165 100
63 68.1 47.8 71.6
89 64.3 47.4 71.0

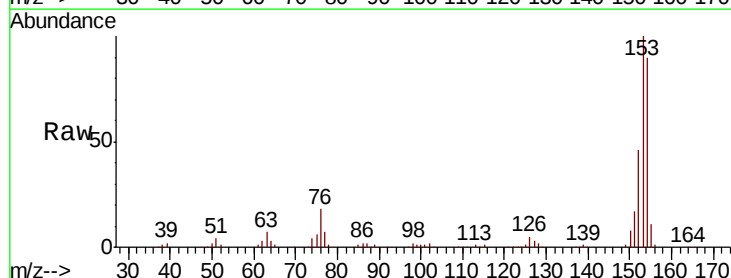


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

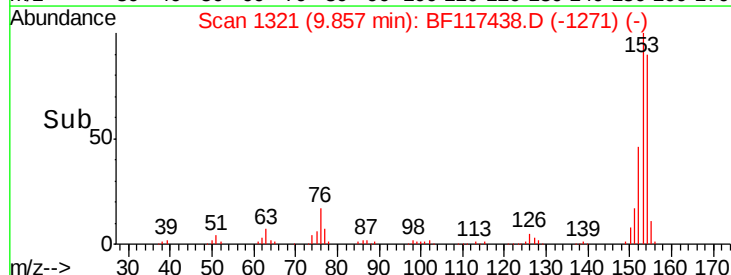
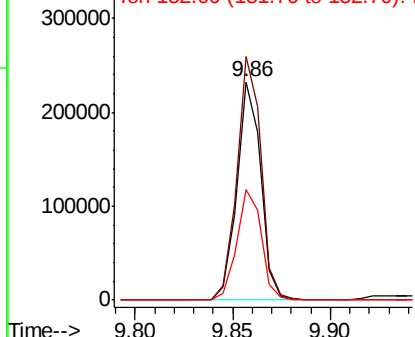


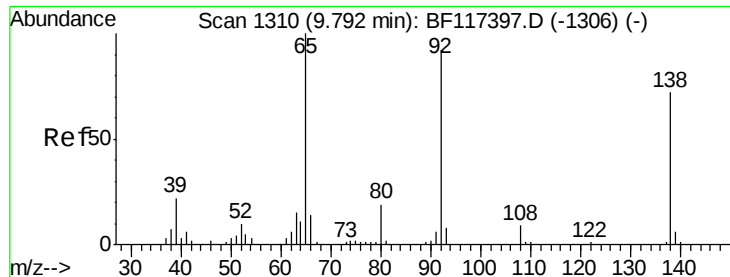
#52
Acenaphthene
Concen: 41.240 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:154 Resp: 197320
Ion Ratio Lower Upper
154 100
153 111.6 87.9 131.9
152 50.8 40.8 61.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

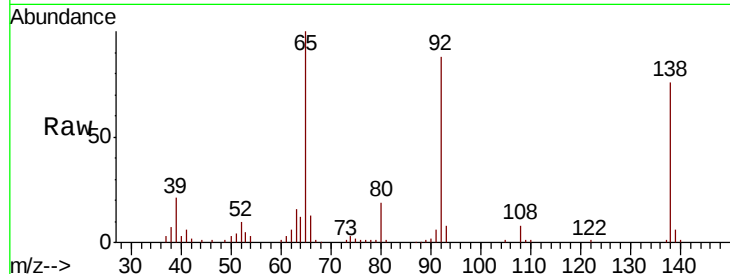




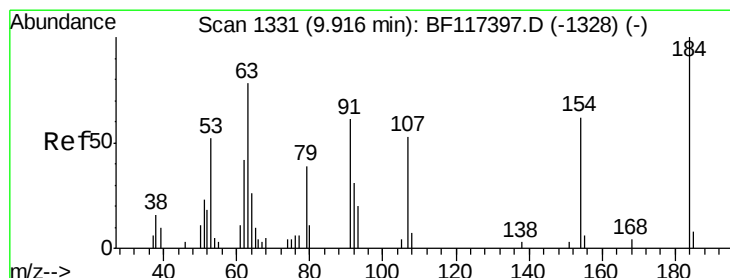
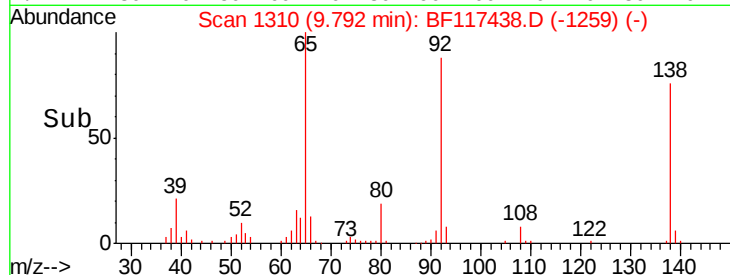
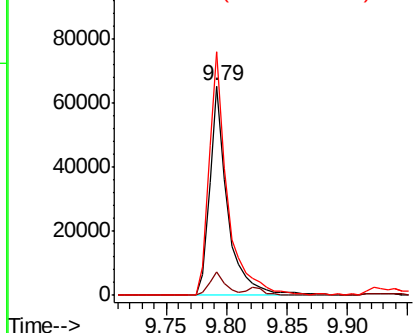
#53
3-Nitroaniline
Concen: 42.640 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 66295
Ion Ratio Lower Upper
138 100
108 10.9 9.5 14.3
92 116.3 102.2 153.4

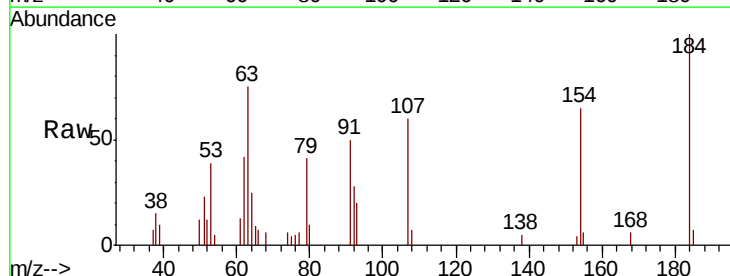


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

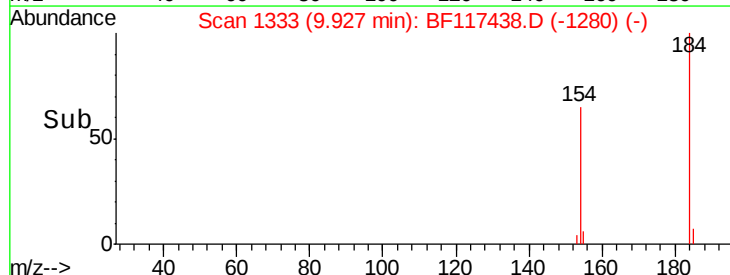
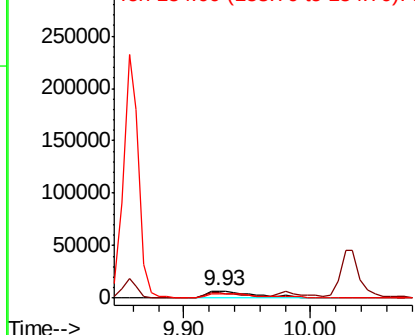


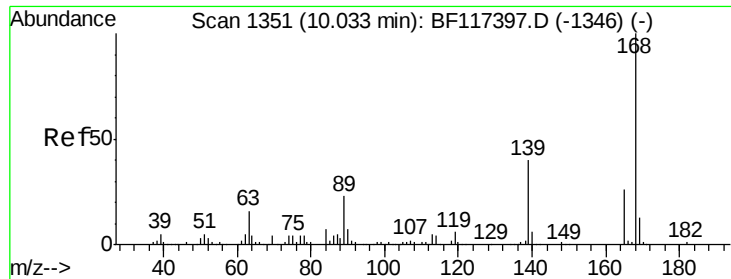
#54
2,4-Dinitrophenol
Concen: 36.907 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:184 Resp: 18650
Ion Ratio Lower Upper
184 100
63 74.5 62.4 93.6
154 65.0 53.5 80.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.712 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

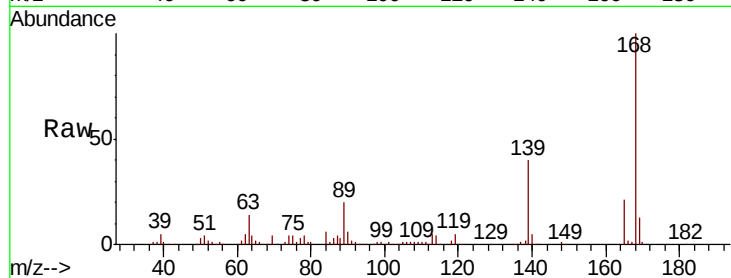
Tot Ion:168 Resp: 291132

Ion Ratio Lower Upper

168 100

139 39.9 33.3 49.9

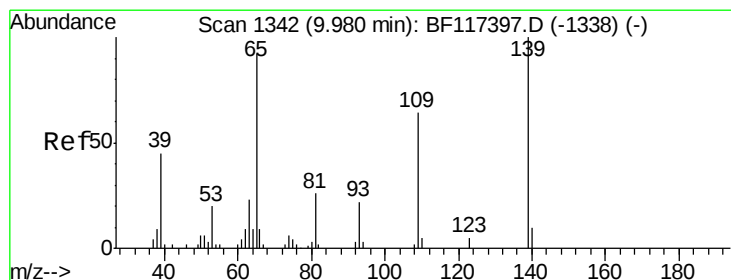
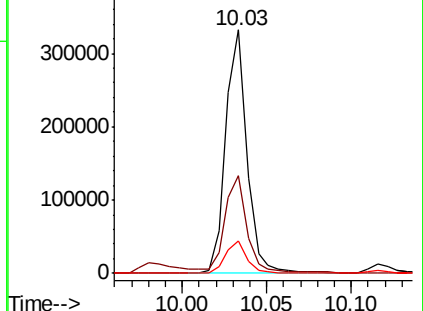
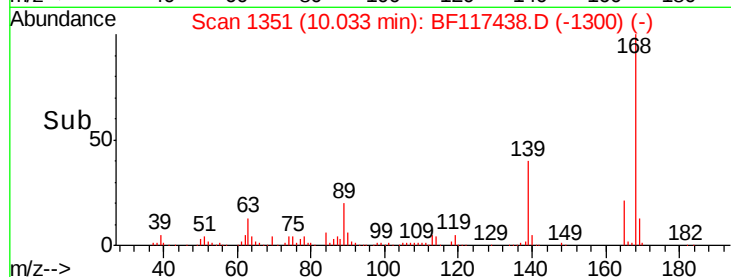
169 13.4 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 35.093 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

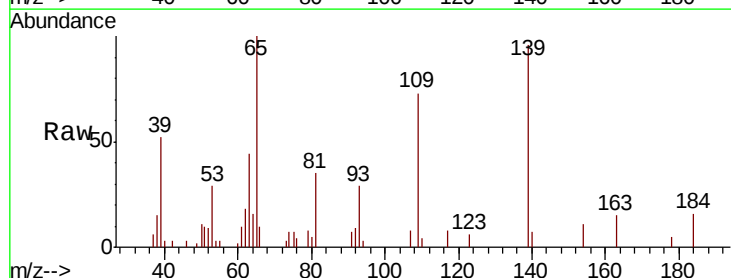
Tgt Ion:139 Resp: 22419

Ion Ratio Lower Upper

139 100

109 76.0 43.8 83.8

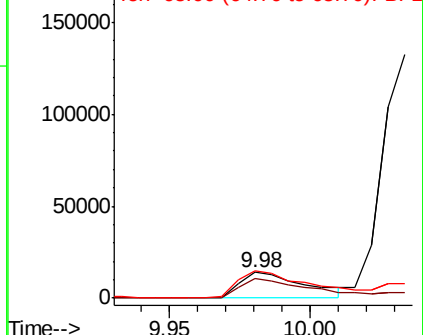
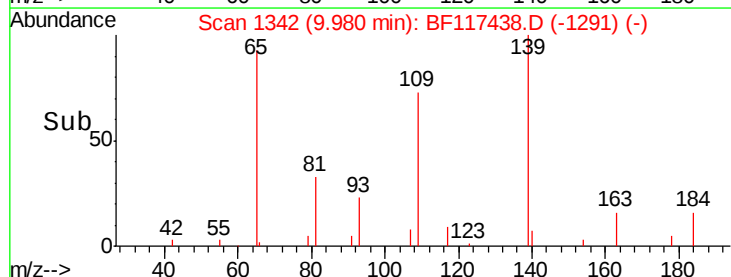
65 103.8 73.9 113.9

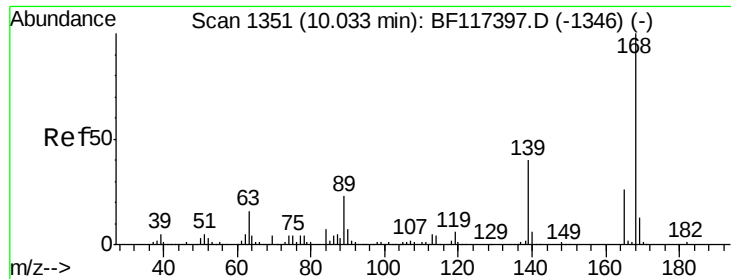


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

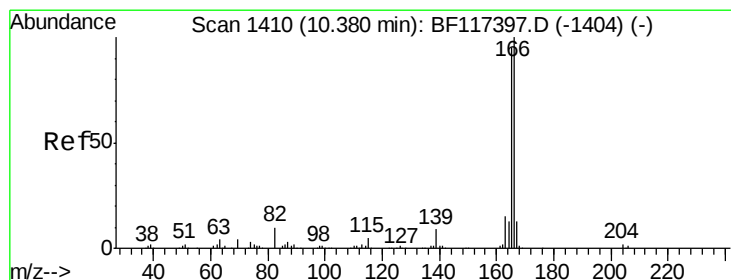
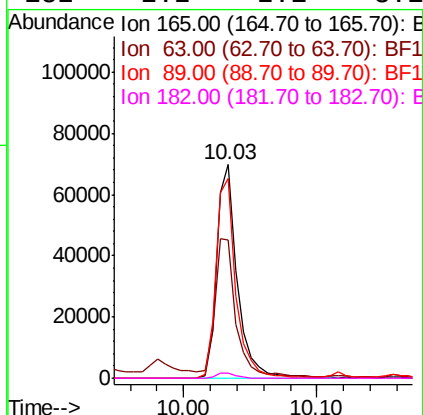
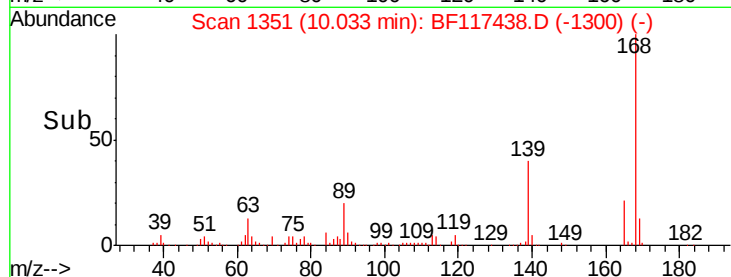
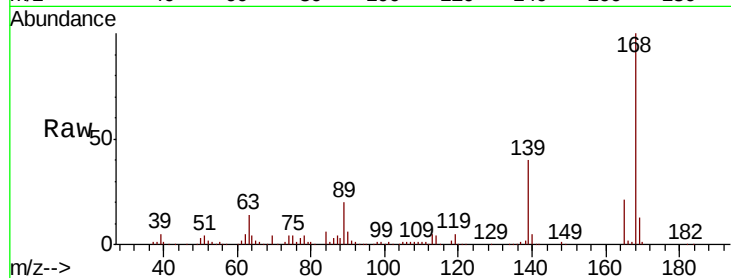




#57
2,4-Dinitrotoluene
Concen: 44.999 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

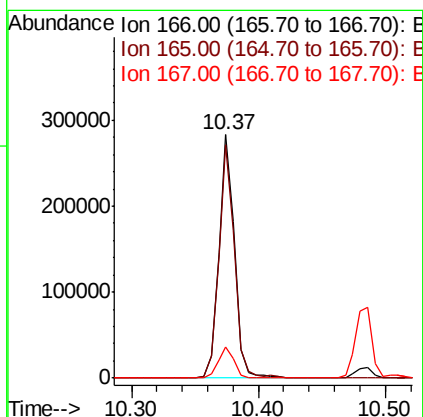
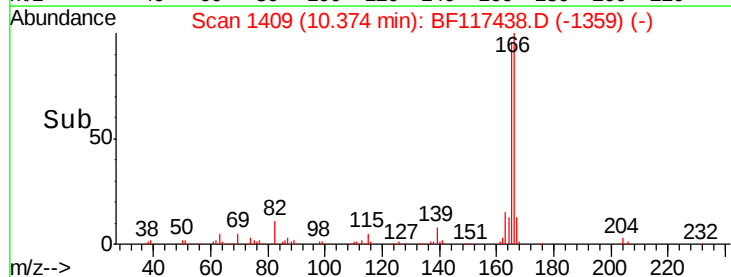
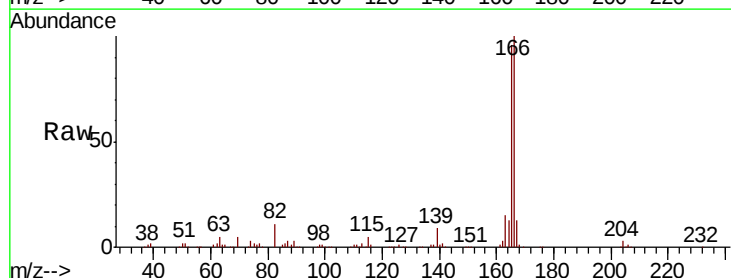
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

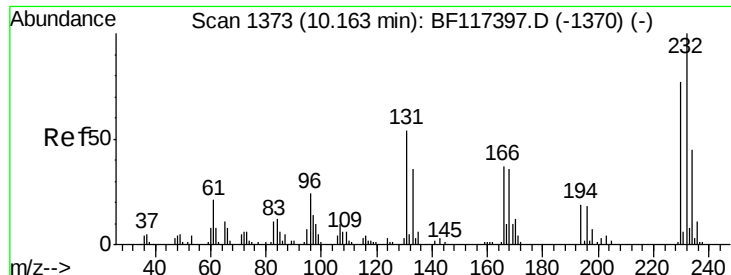
Tot Ion:165 Resp: 75597
Ion Ratio Lower Upper
165 100
63 64.6 51.0 76.4
89 93.5 70.7 106.1
182 2.2 2.1 3.1



#58
Fluorene
Concen: 42.075 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:166 Resp: 244521
Ion Ratio Lower Upper
166 100
165 95.9 75.7 113.5
167 13.0 10.4 15.6

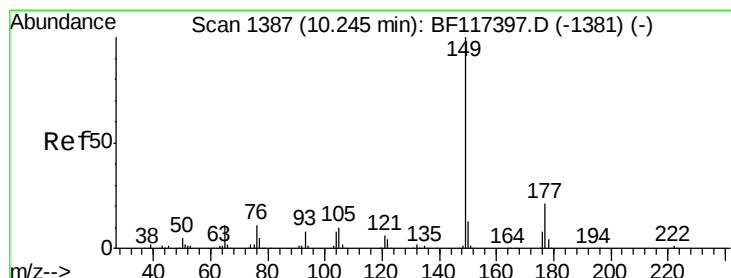
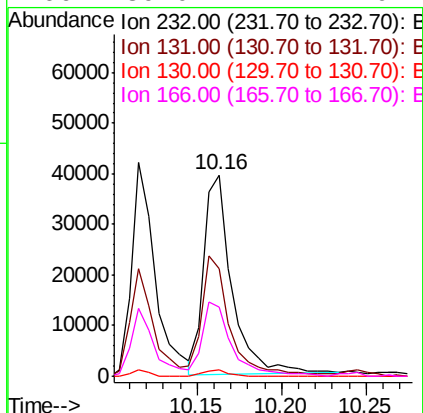
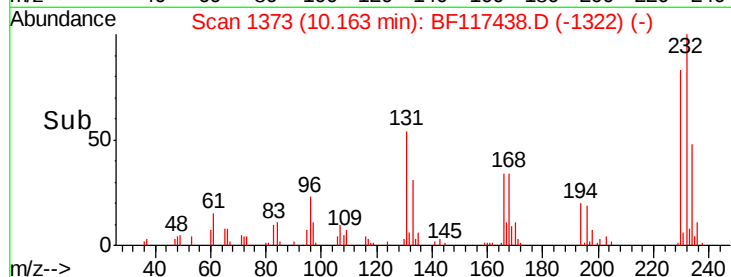
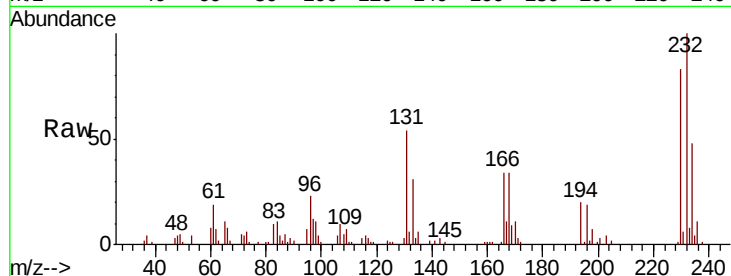




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.422 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

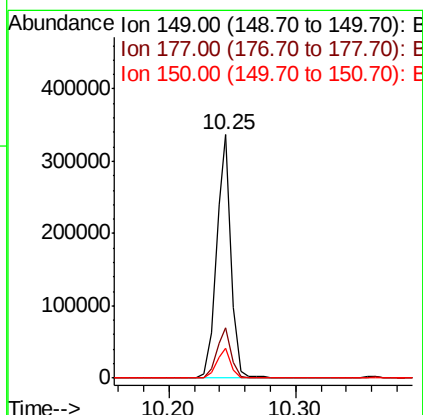
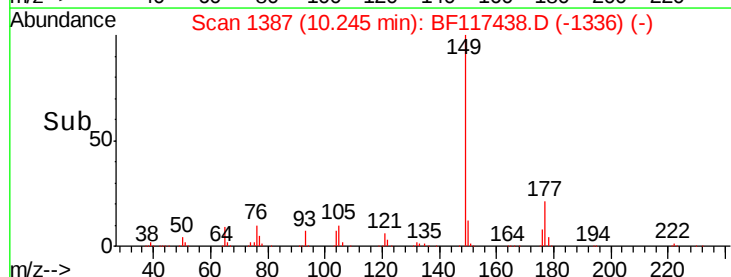
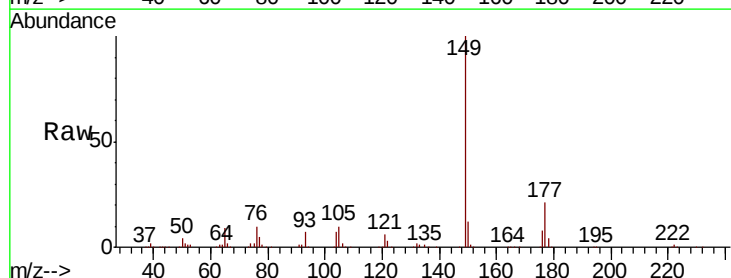
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

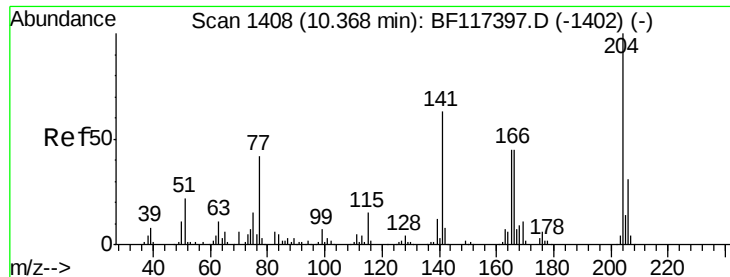
Tot Ion:232 Resp: 45790
 Ion Ratio Lower Upper
 232 100
 131 62.3 44.5 66.7
 130 2.7 2.0 3.0
 166 39.0 27.1 40.7



#60
 Diethylphthalate
 Concen: 44.174 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Tgt Ion:149 Resp: 269715
 Ion Ratio Lower Upper
 149 100
 177 20.9 16.5 24.7
 150 12.0 10.1 15.1

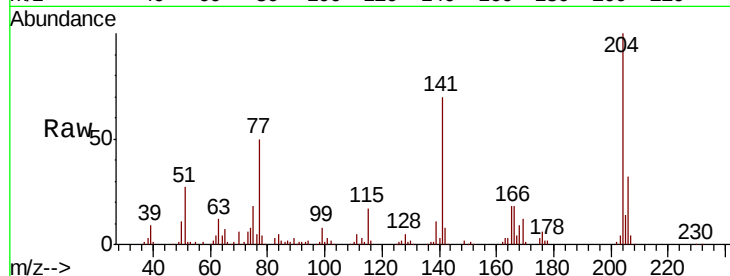




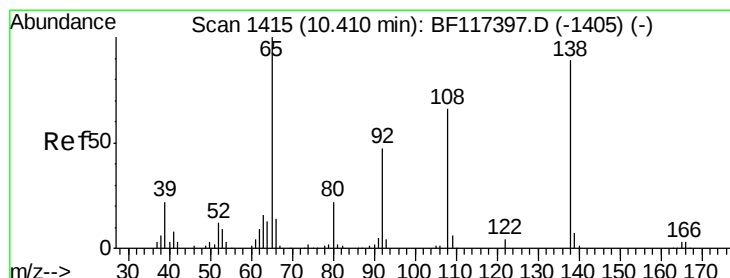
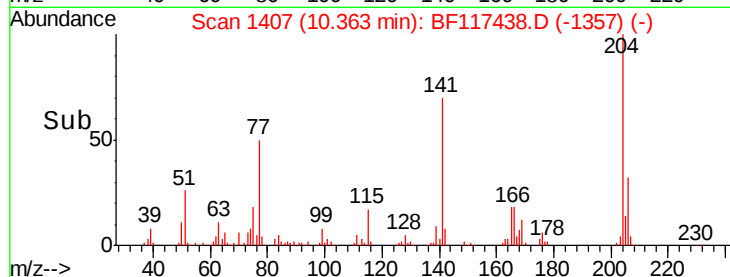
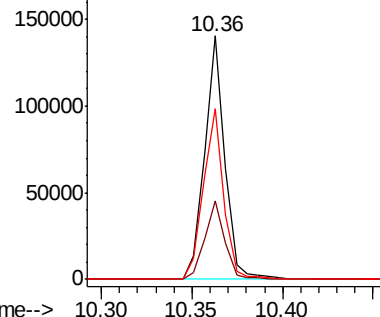
#61
4-Chlorophenyl-phenylether
Concen: 42.338 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 108935
Ion Ratio Lower Upper
204 100
206 32.3 25.0 37.4
141 70.3 50.7 76.1

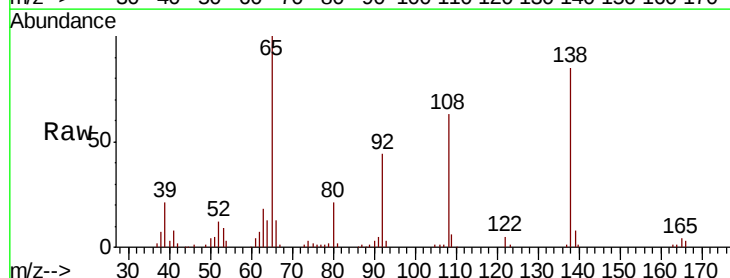


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

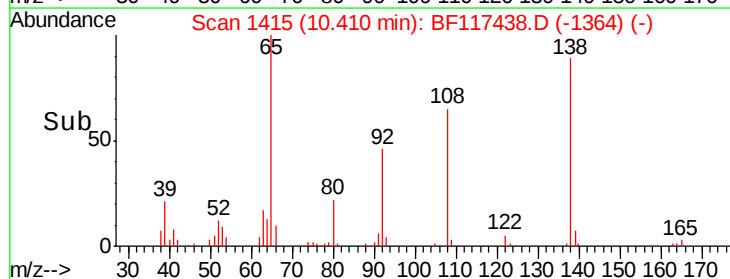
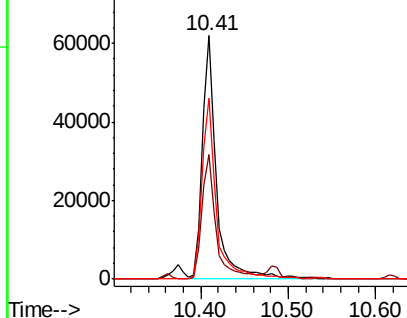


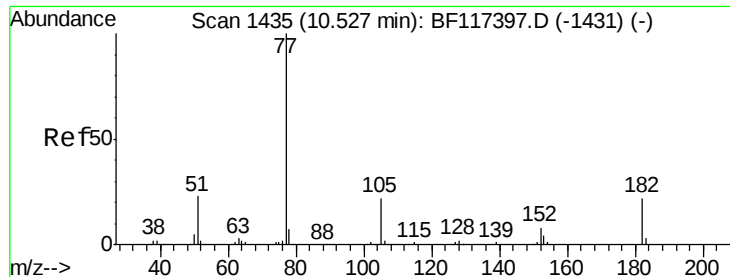
#62
4-Nitroaniline
Concen: 47.720 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:138 Resp: 70527
Ion Ratio Lower Upper
138 100
92 51.3 32.4 72.4
108 74.5 53.8 93.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

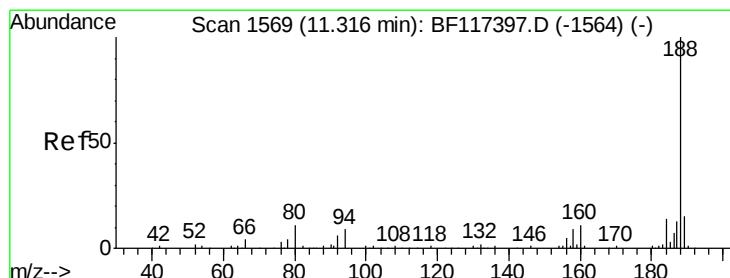
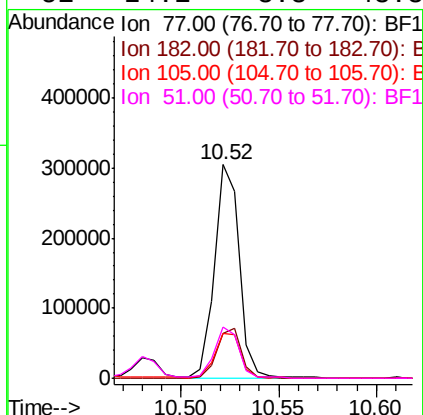
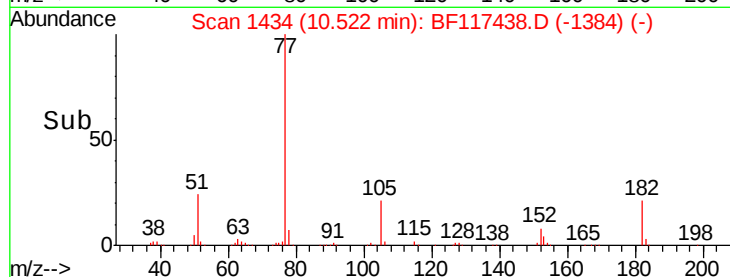
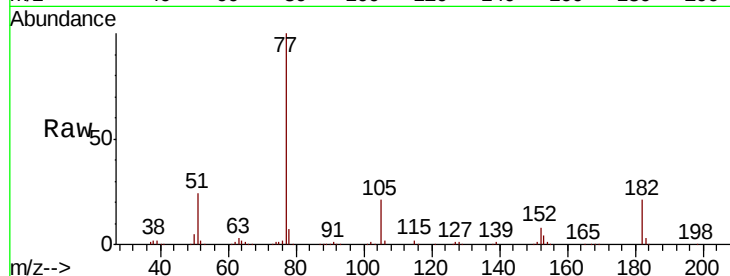




#63
Azobenzene
Concen: 42.560 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

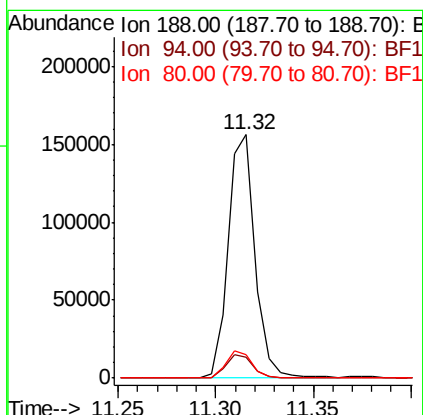
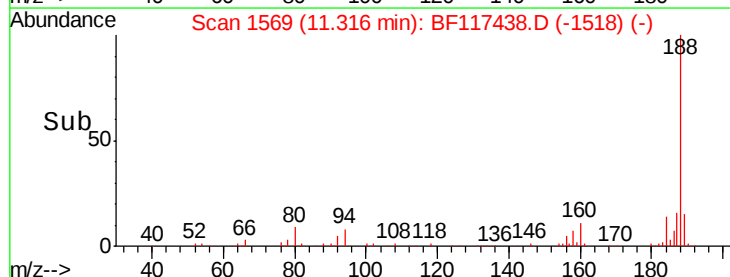
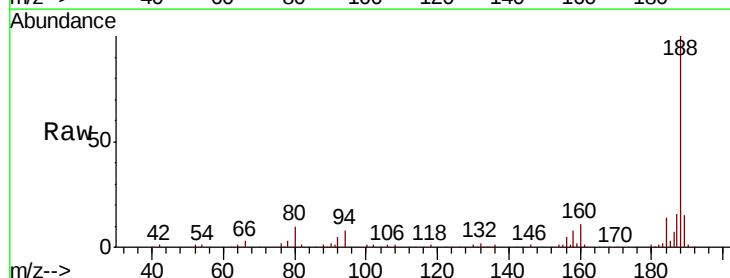
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

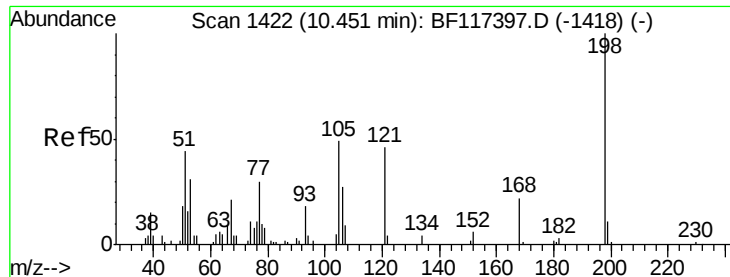
Tot Ion:	77	Resp:	266637
Ion	Ratio	Lower	Upper
77	100		
182	20.9	1.5	41.5
105	20.9	1.8	41.8
51	24.1	3.3	43.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:	188	Resp:	148739
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.5	11.3
80	9.6	8.7	13.1

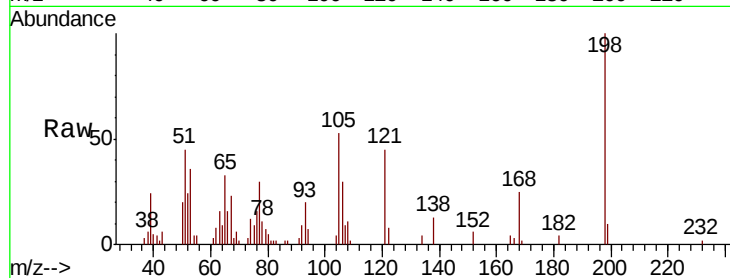




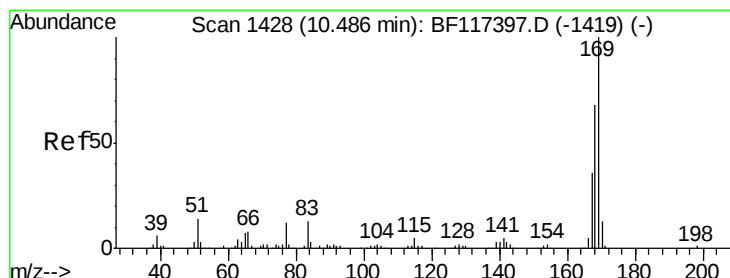
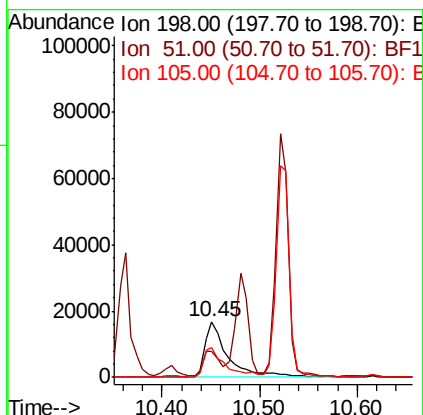
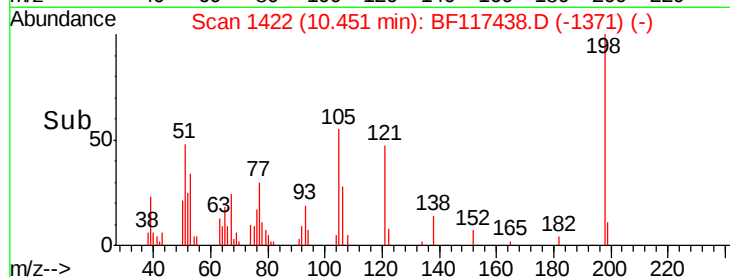
#65
4,6-Dinitro-2-methylphenol
Concen: 35.825 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:198 Resp: 27280
Ion Ratio Lower Upper
198 100
51 45.4 25.9 65.9
105 52.7 29.4 69.4

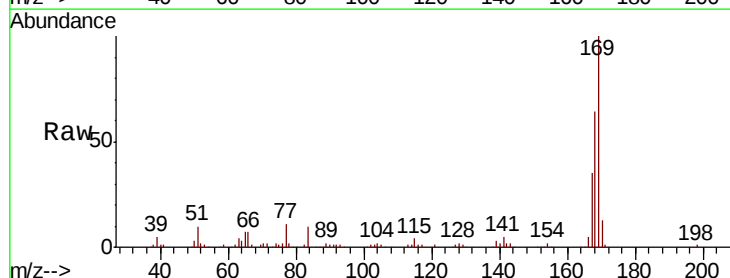


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

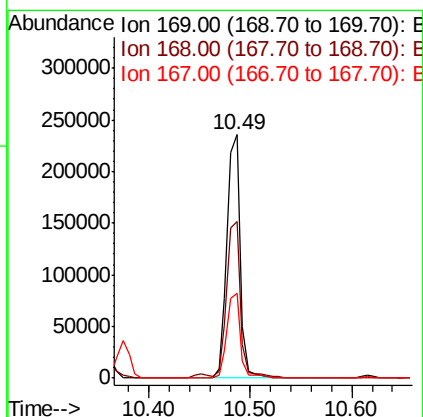
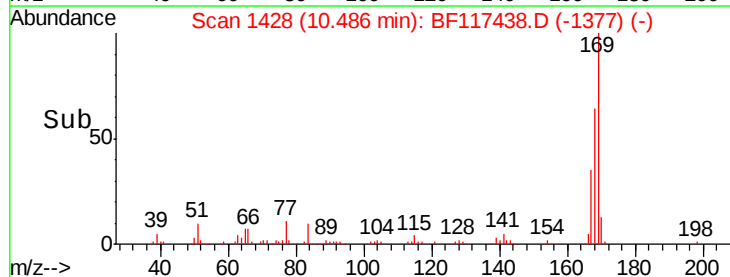


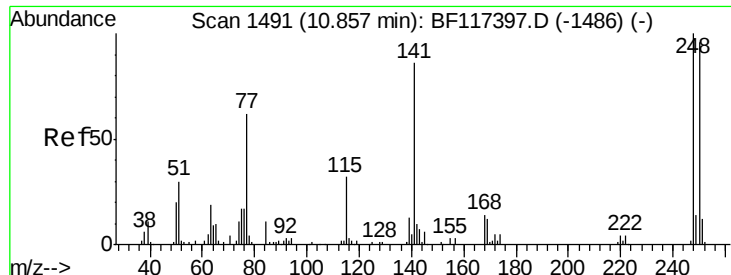
#66
n-Nitrosodiphenylamine
Concen: 38.803 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:169 Resp: 215608
Ion Ratio Lower Upper
169 100
168 64.4 54.1 81.1
167 34.9 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

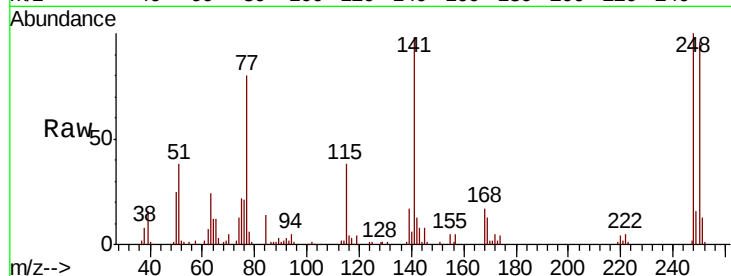




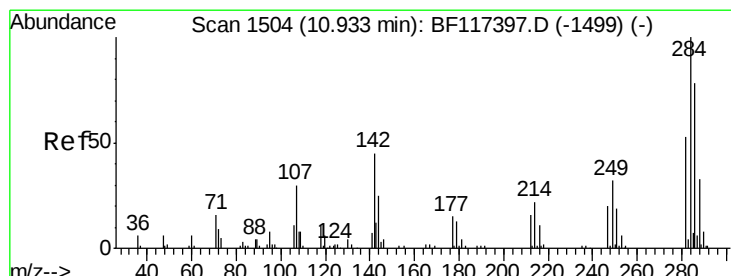
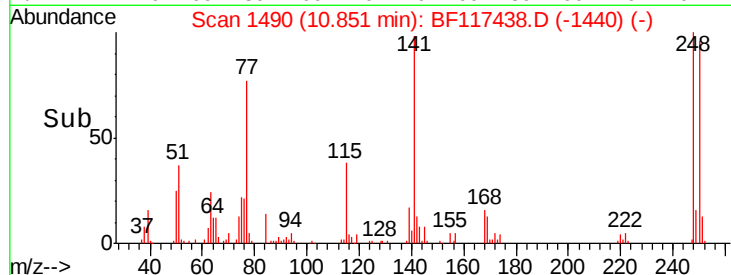
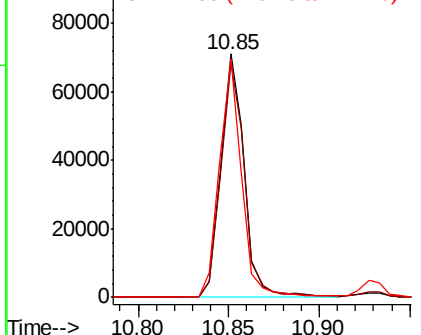
#67
 4-Bromophenyl-phenylether
 Concen: 38.671 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:248 Resp: 63088
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.1 115.7
 141 97.8 69.1 103.7

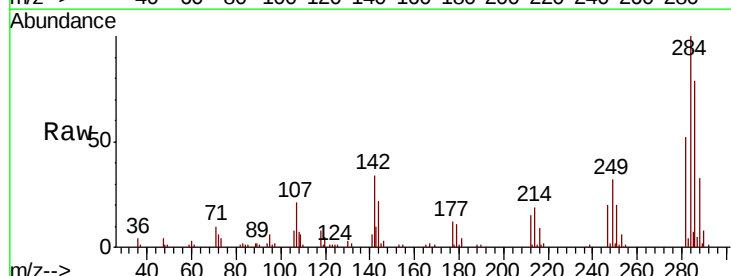


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

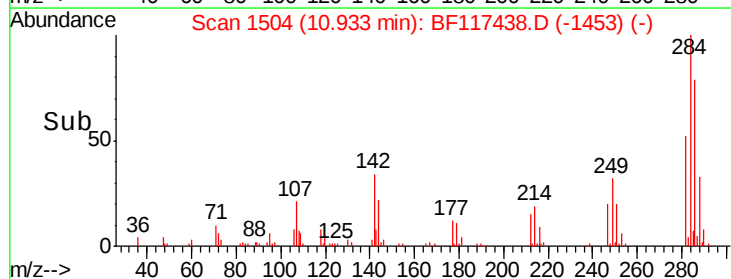
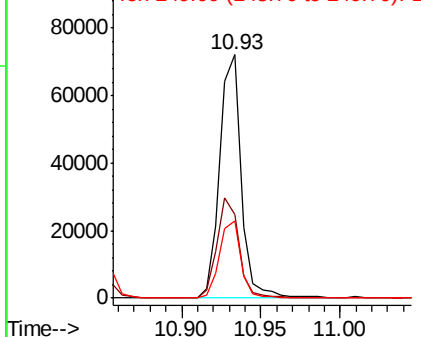


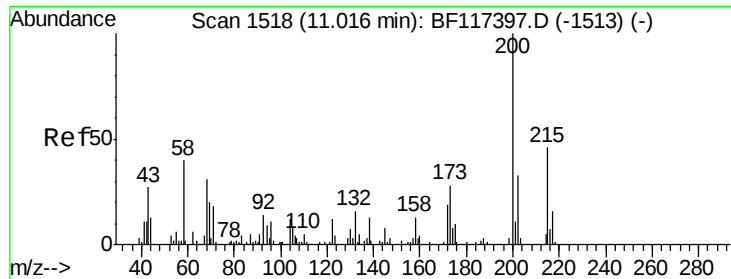
#68
 Hexachlorobenzene
 Concen: 38.822 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Tgt Ion:284 Resp: 68018
 Ion Ratio Lower Upper
 284 100
 142 34.3 35.7 53.5#
 249 31.9 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.410 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

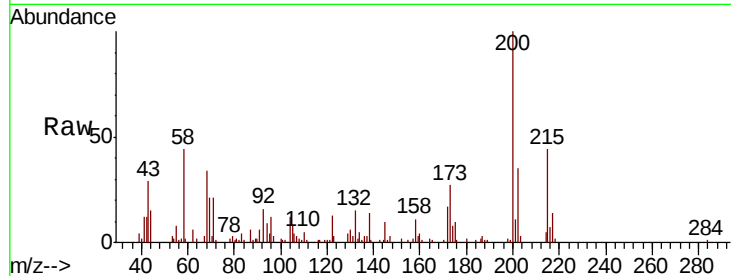
Tot Ion:200 Resp: 43617

Ion Ratio Lower Upper

200 100

173 27.0 8.0 48.0

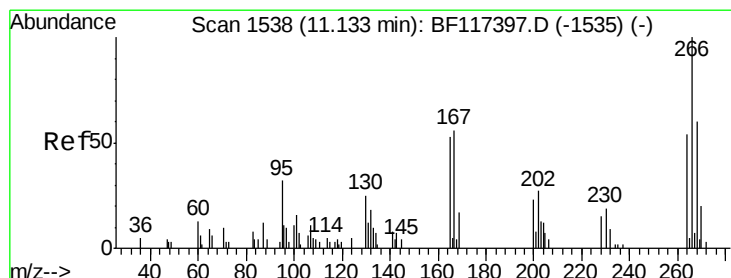
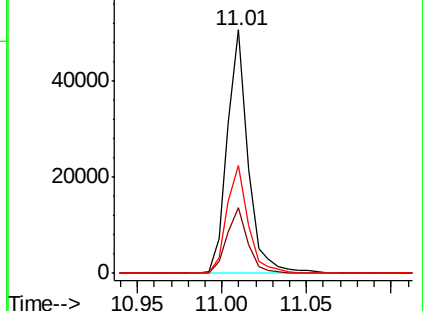
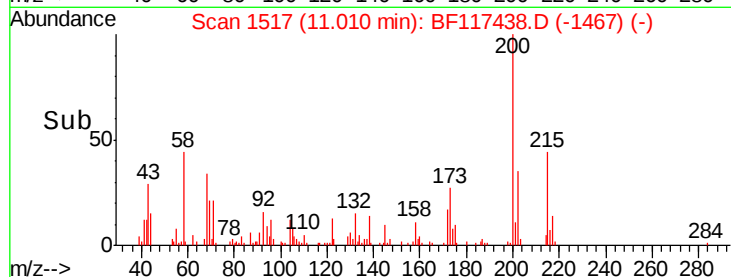
215 44.5 25.8 65.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 33.668 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

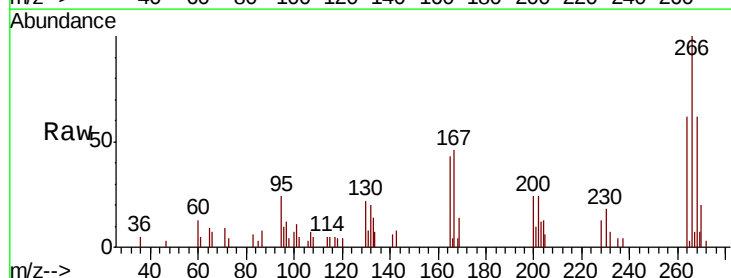
Tgt Ion:266 Resp: 17647

Ion Ratio Lower Upper

266 100

268 61.6 47.8 71.6

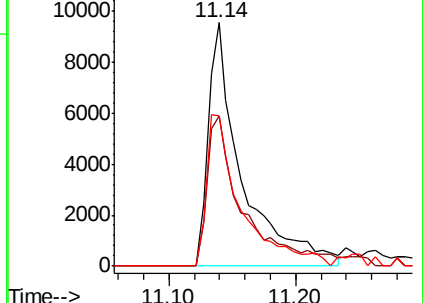
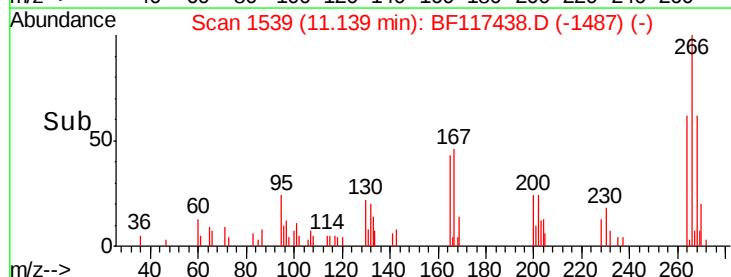
264 61.7 42.9 64.3

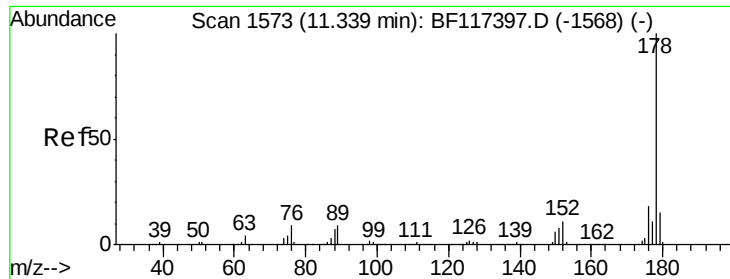


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

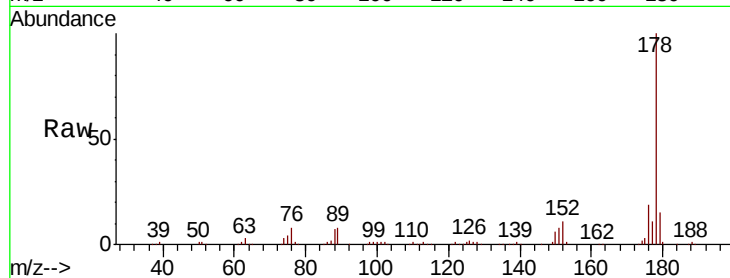




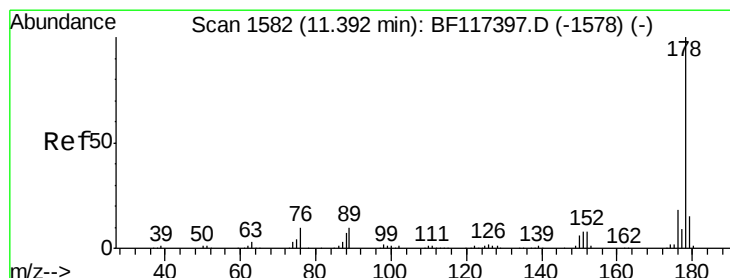
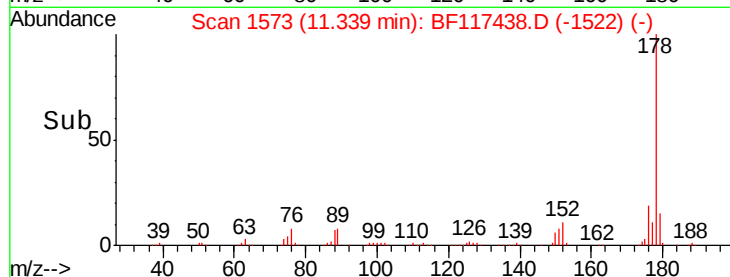
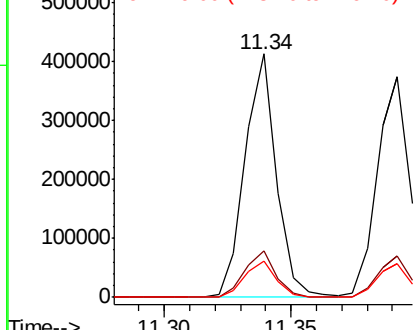
#71
 Phenanthrene
 Concen: 40.585 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 356844
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.6 22.0
 179 15.0 12.3 18.5

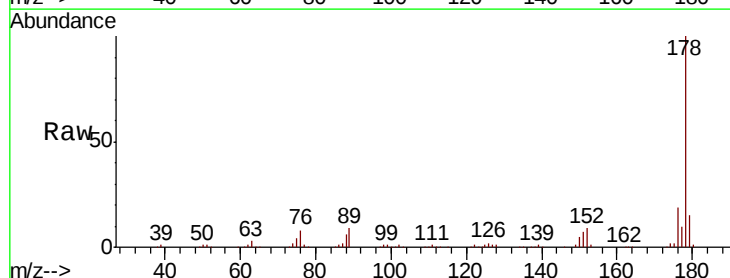


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

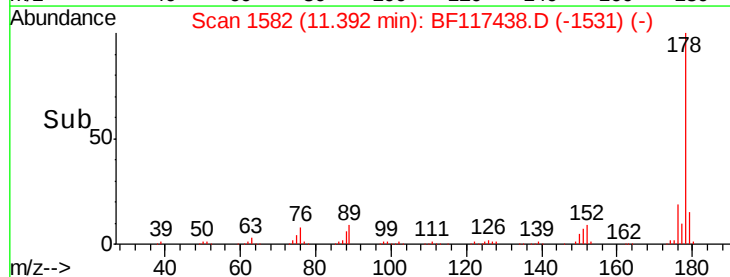
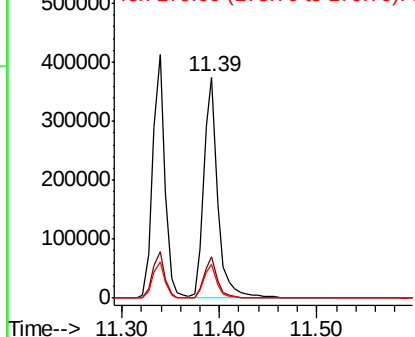


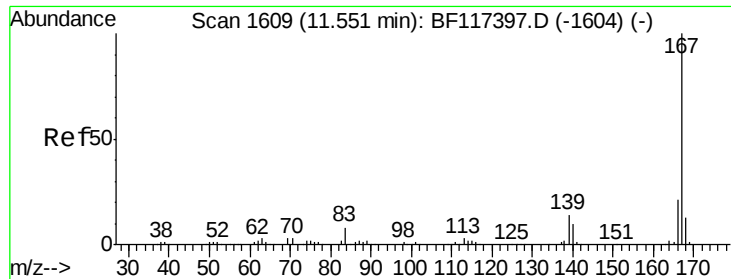
#72
 Anthracene
 Concen: 40.705 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Tgt Ion:178 Resp: 369463
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.4 21.6
 179 15.2 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

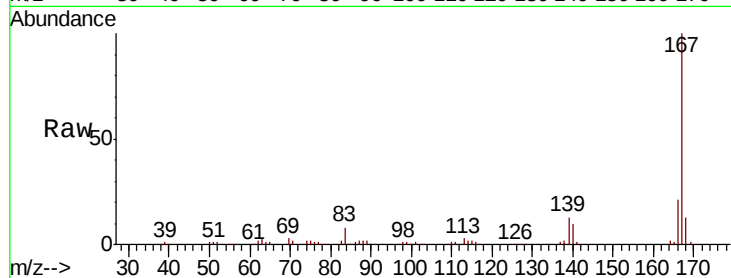




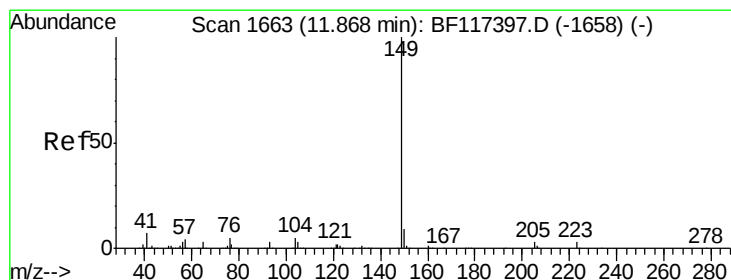
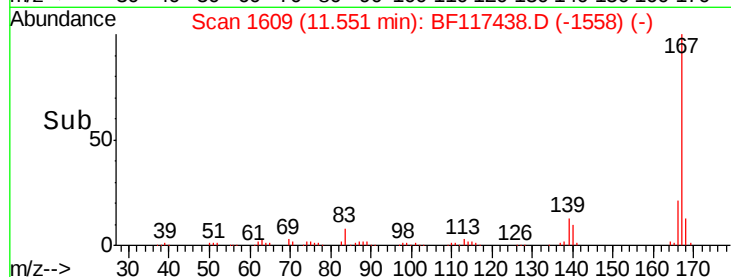
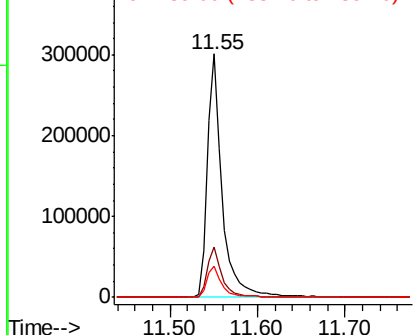
#73
 Carbazole
 Concen: 42.951 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:167 Resp: 354132
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.0 25.4
 139 12.5 10.8 16.2

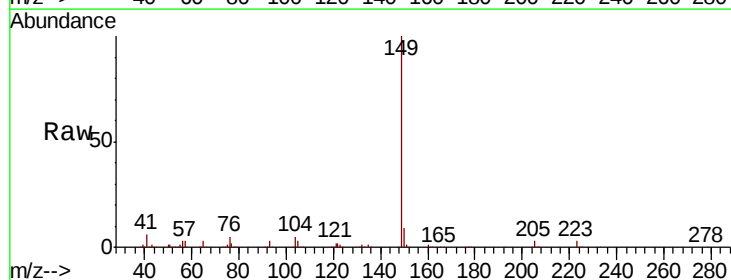


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

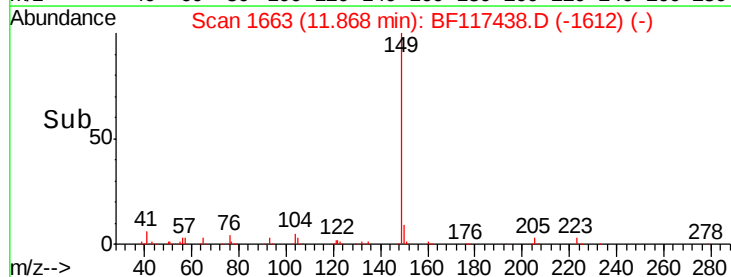
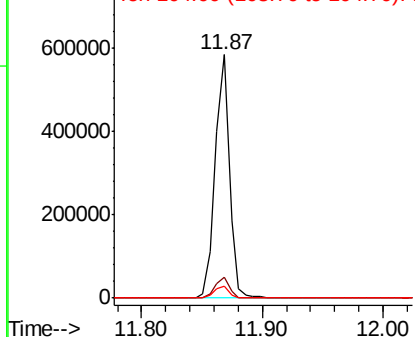


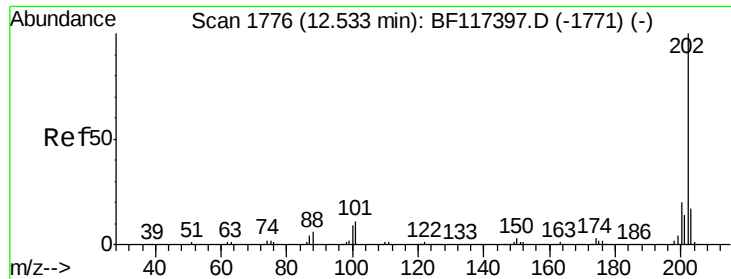
#74
 Di-n-butylphthalate
 Concen: 42.403 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Tgt Ion:149 Resp: 473409
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.0 10.6
 104 4.6 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

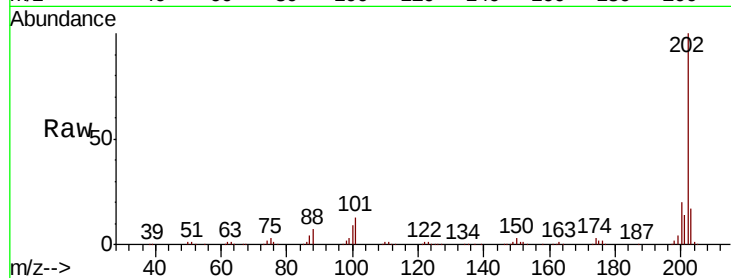




#75
Fluoranthene
Concen: 44.687 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	202	Resp:	390700
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.3
203	17.3	0.0	36.9

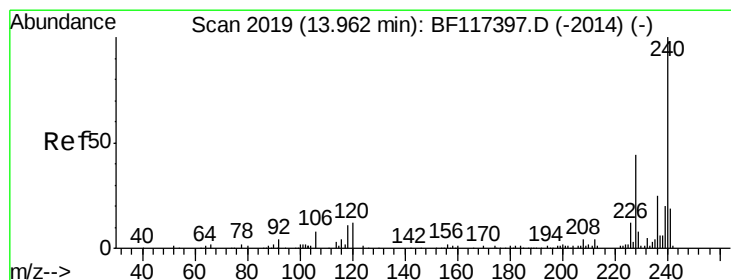
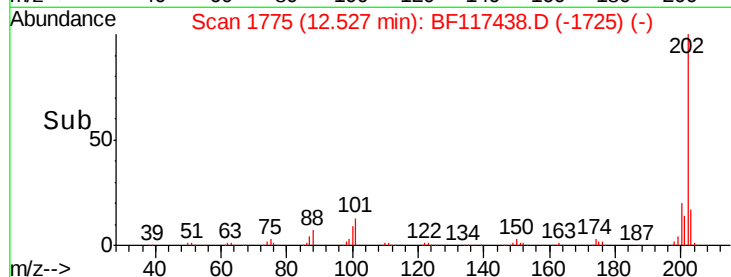
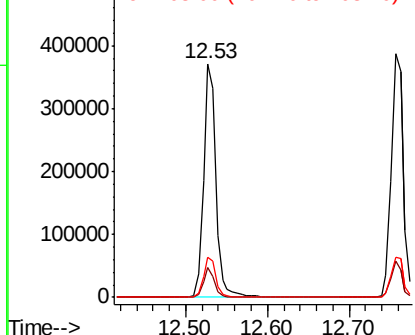


Abundance

Ion 202.00 (201.70 to 202.70): E

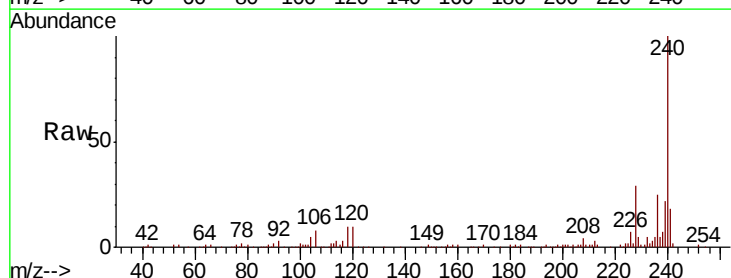
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:	240	Resp:	128787
Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.4	14.0
236	24.7	19.8	29.6

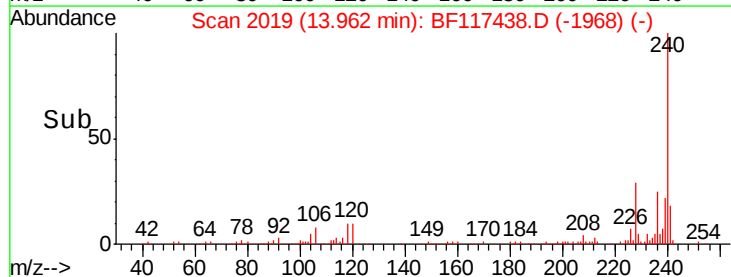
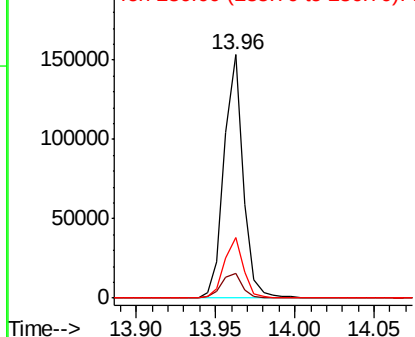


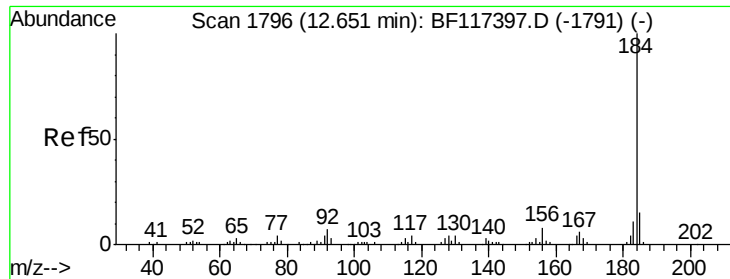
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

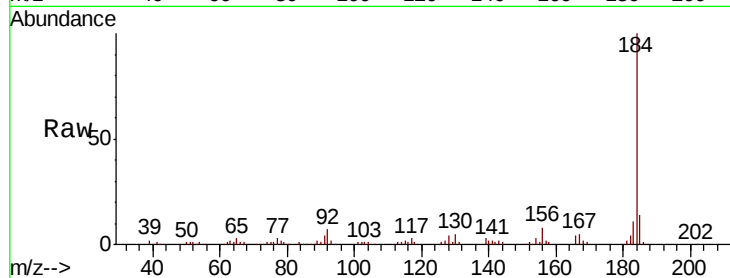




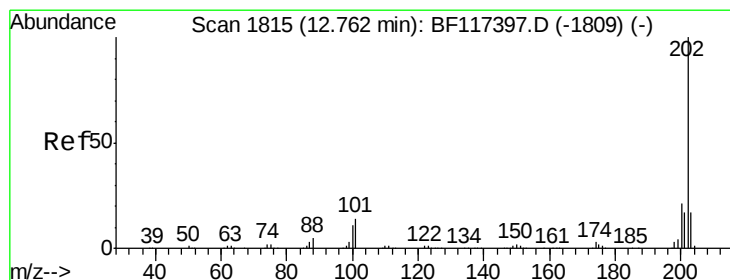
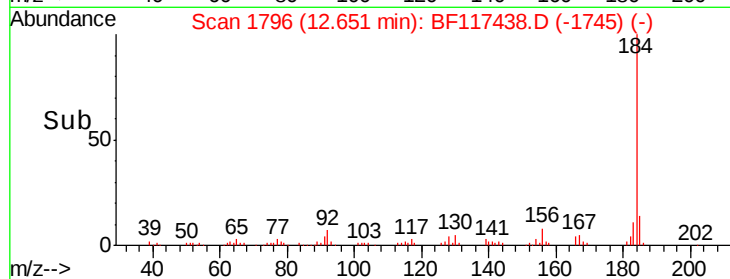
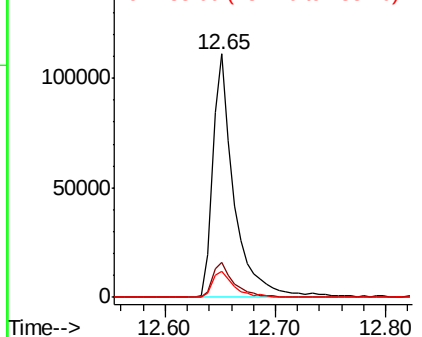
#77
Benzidine
Concen: 46.059 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 146708
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 10.9 8.9 13.3

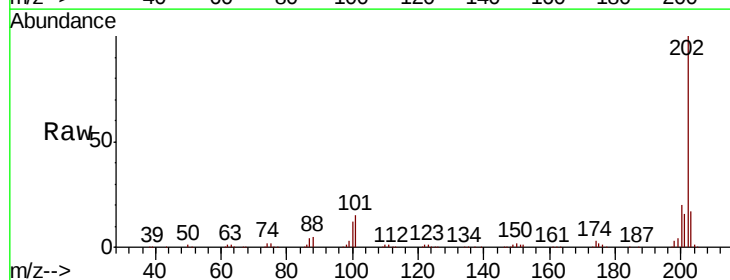


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

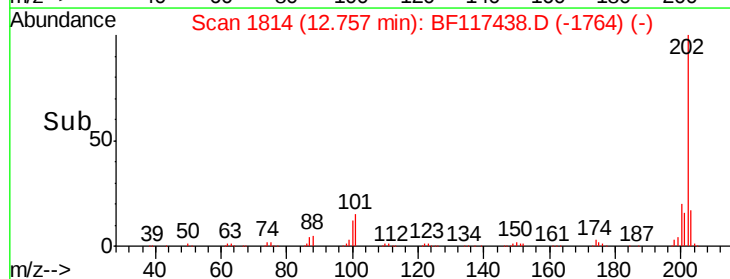
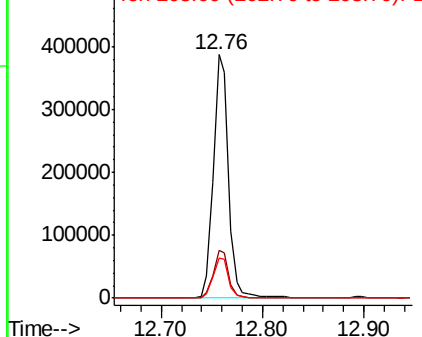


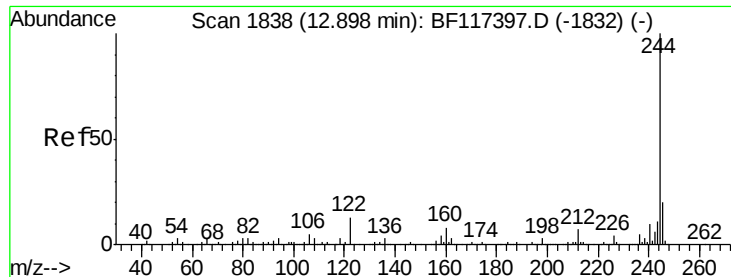
#78
Pyrene
Concen: 35.277 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:202 Resp: 401597
Ion Ratio Lower Upper
202 100
200 19.8 16.8 25.2
203 16.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.783 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

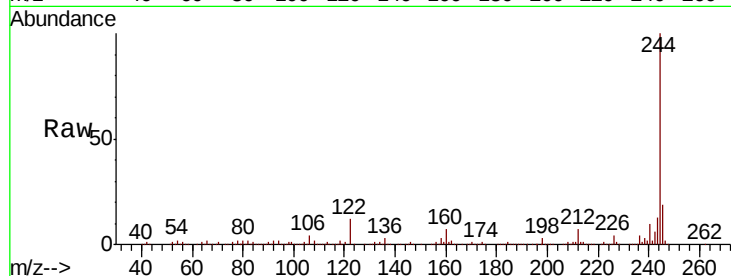
Tot Ion:244 Resp: 551304

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

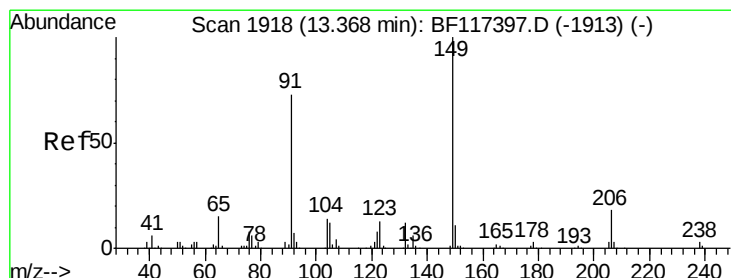
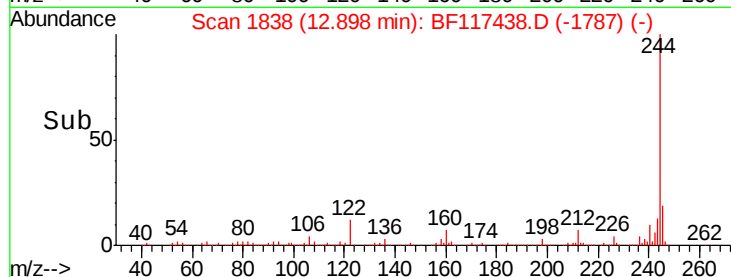
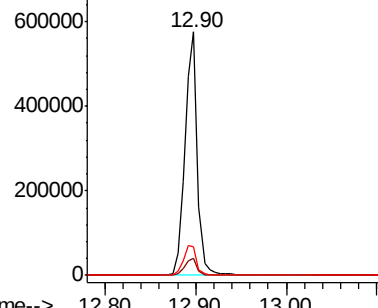
122 11.8 10.7 16.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.096 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

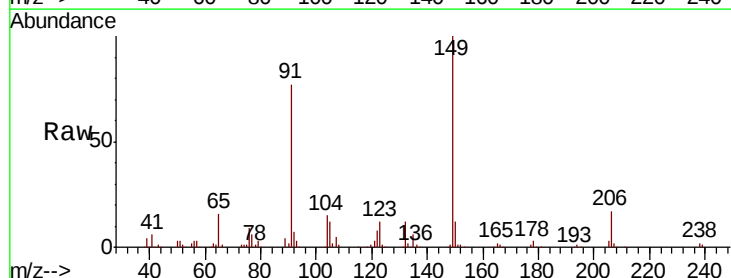
Tgt Ion:149 Resp: 218080

Ion Ratio Lower Upper

149 100

91 76.8 58.5 87.7

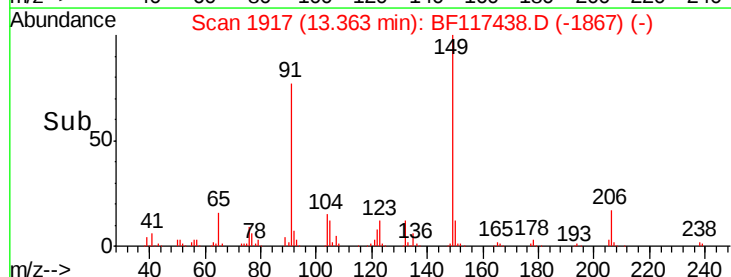
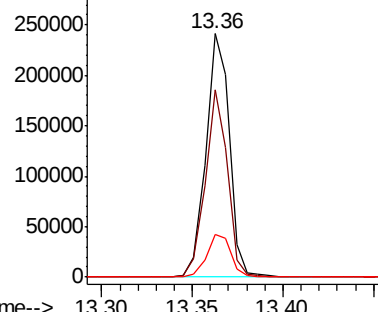
206 17.5 14.4 21.6

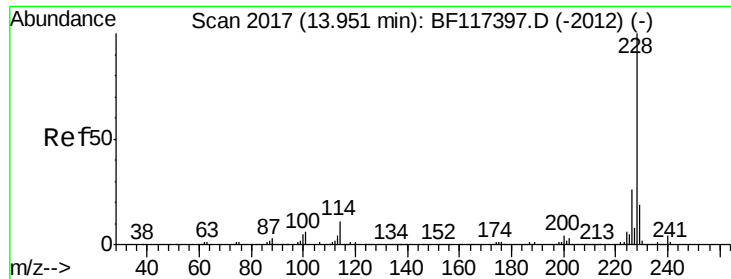


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

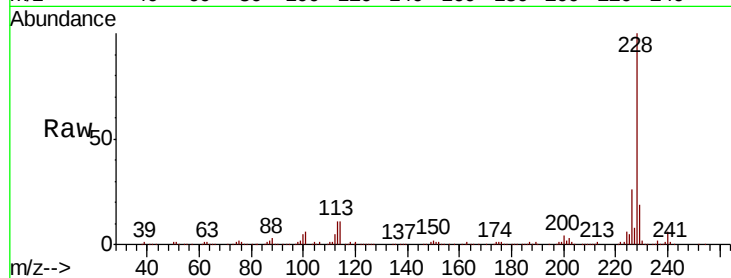




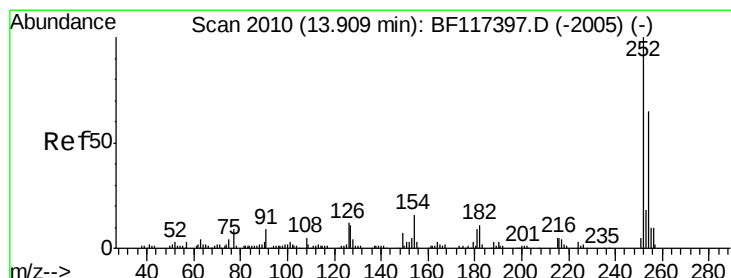
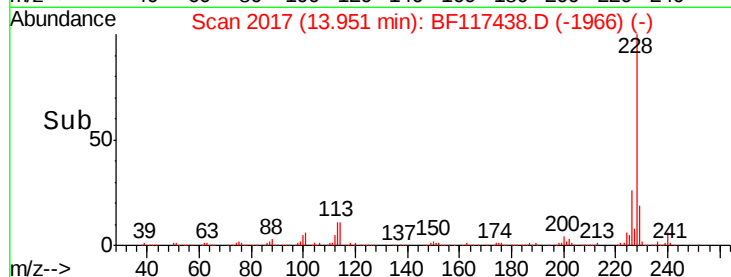
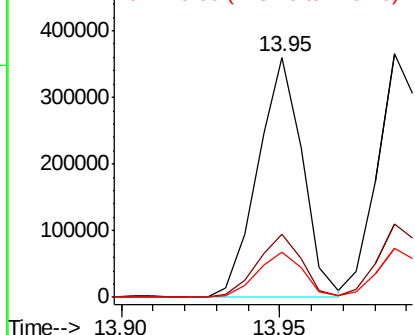
#81
Benzo(a)anthracene
Concen: 39.725 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:228 Resp: 351033
Ion Ratio Lower Upper
228 100
226 26.1 20.9 31.3
229 18.9 15.2 22.8

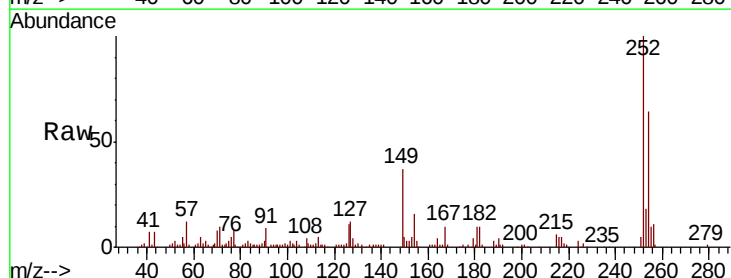


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

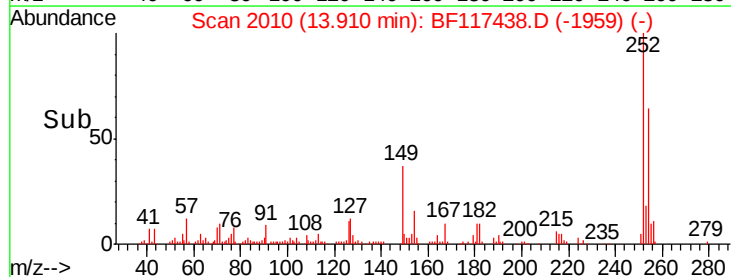
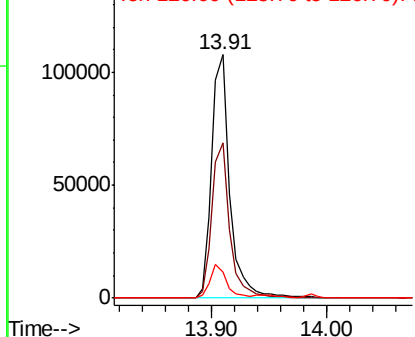


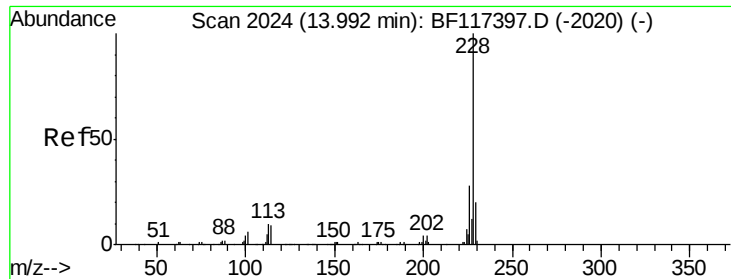
#82
3,3'-Dichlorobenzidine
Concen: 42.209 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:252 Resp: 117927
Ion Ratio Lower Upper
252 100
254 63.8 51.6 77.4
126 10.8 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.884 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

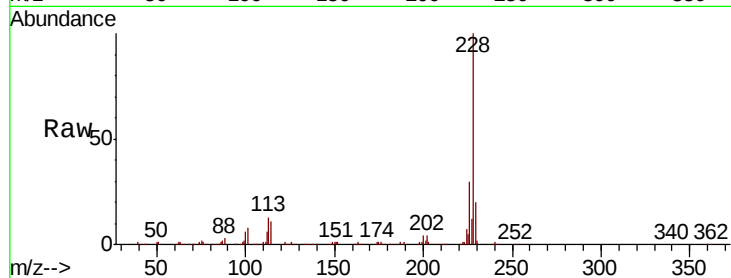
Tot Ion:228 Resp: 347558

Ion Ratio Lower Upper

228 100

226 30.0 22.8 34.2

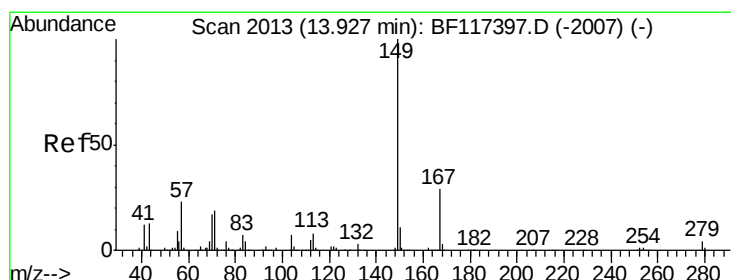
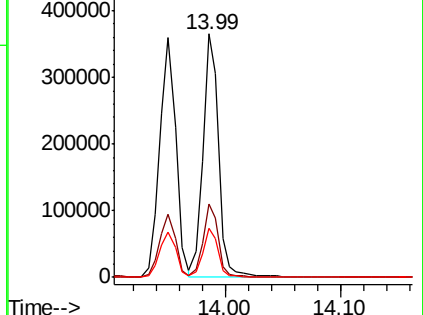
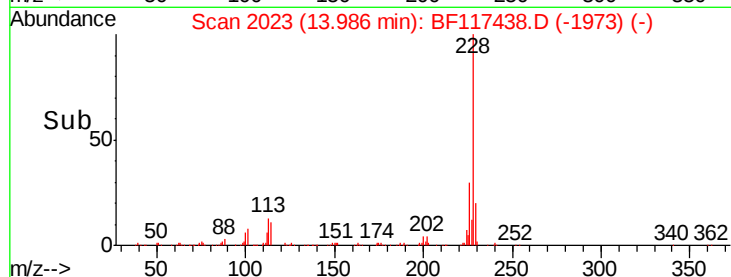
229 20.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.073 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

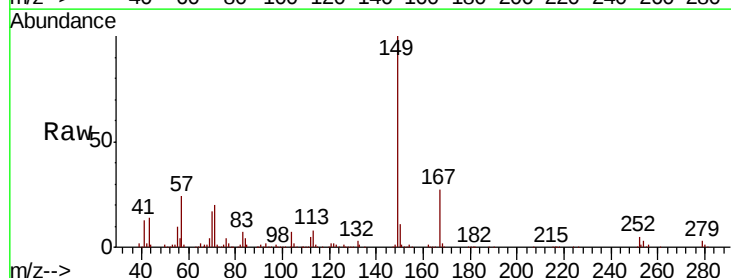
Tgt Ion:149 Resp: 315369

Ion Ratio Lower Upper

149 100

167 26.7 23.0 34.6

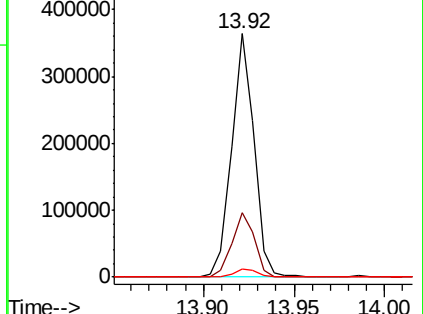
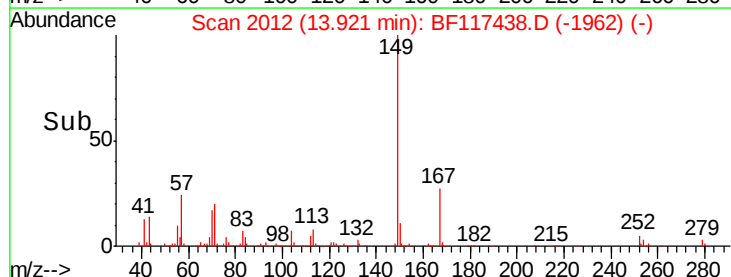
279 3.3 3.0 4.6

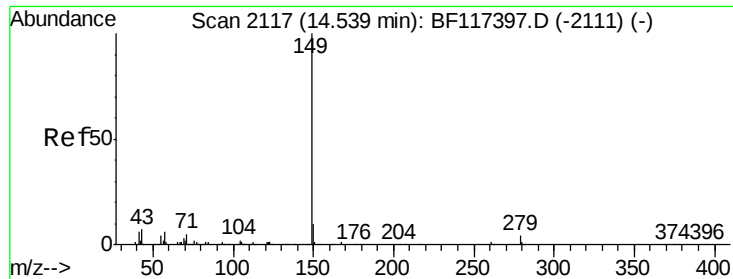


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.647 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

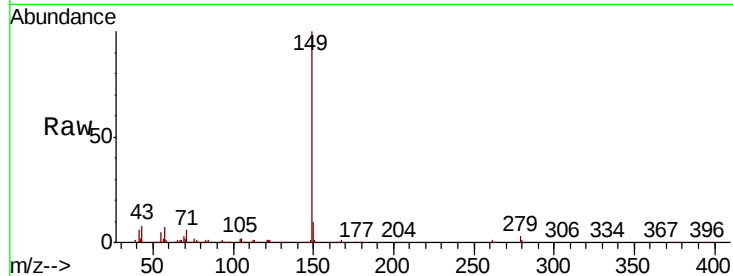
Tot Ion:149 Resp: 536333

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

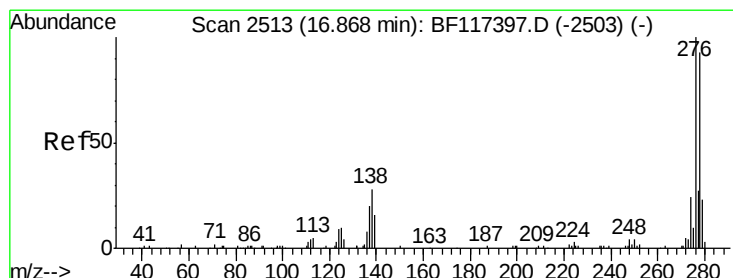
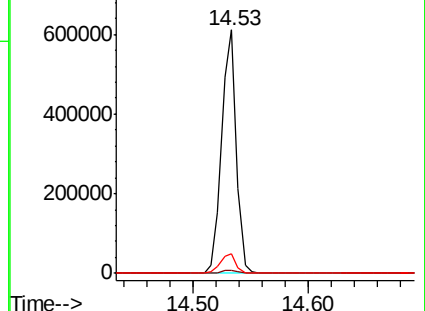
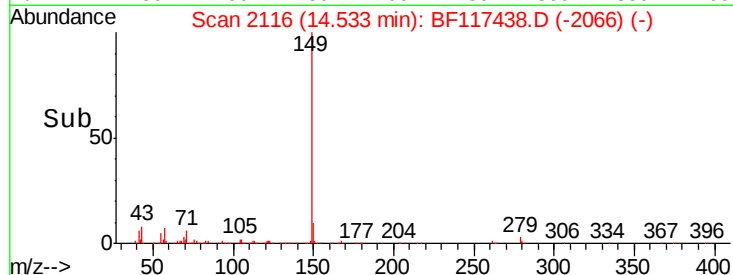
43 8.5 6.6 9.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.260 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

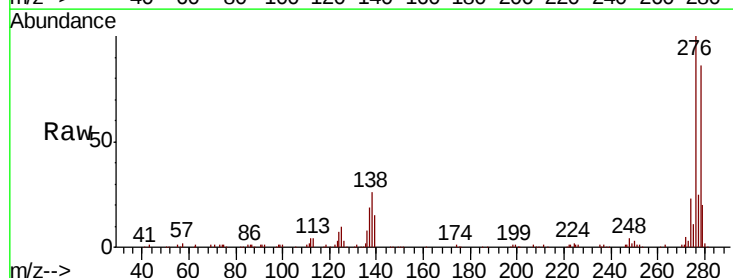
Tgt Ion:276 Resp: 294059

Ion Ratio Lower Upper

276 100

138 27.5 21.5 32.3

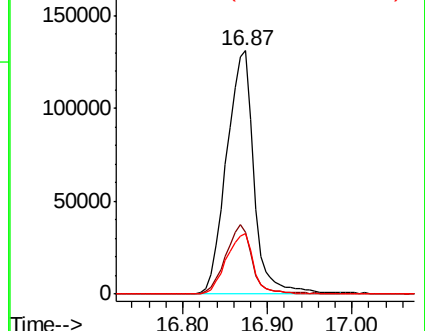
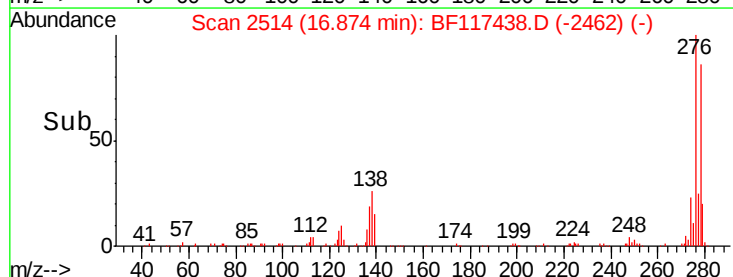
277 24.7 20.1 30.1

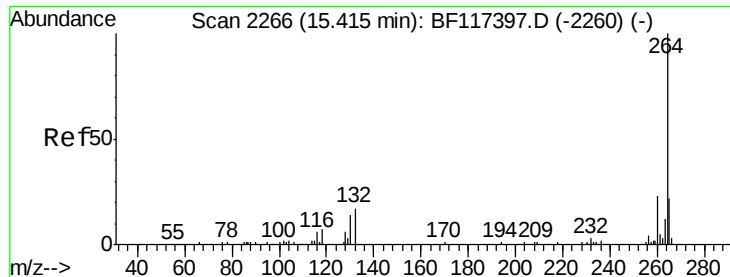


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

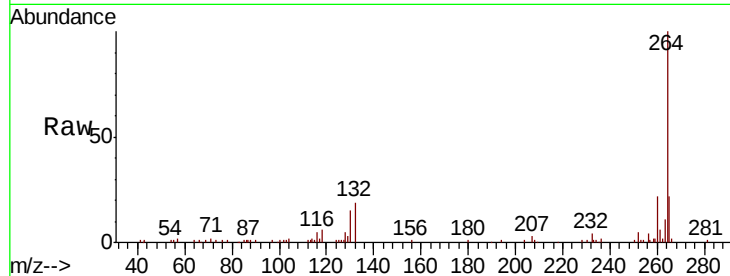




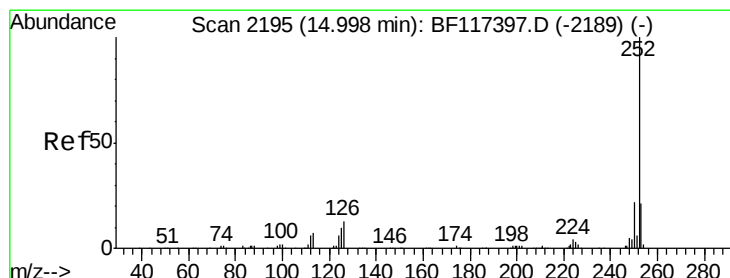
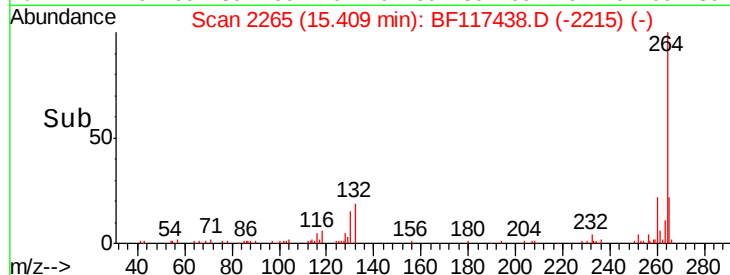
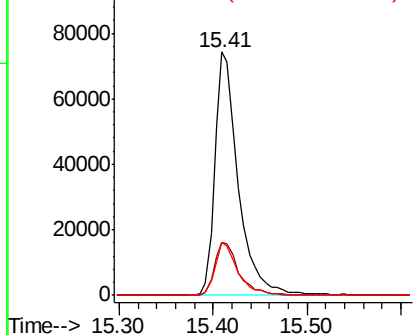
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 129420
Ion Ratio Lower Upper
264 100
260 21.7 18.6 27.8
265 21.6 17.4 26.0

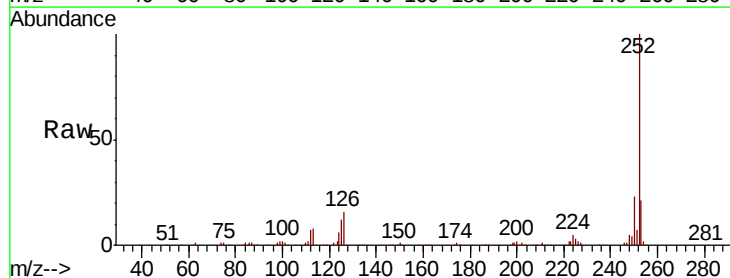


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

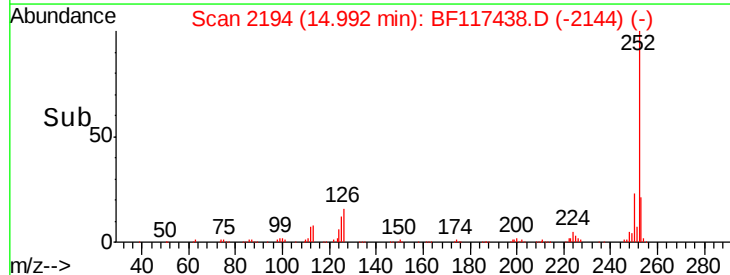
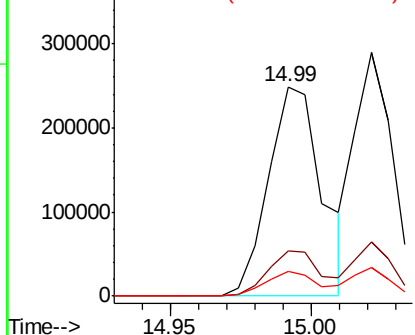


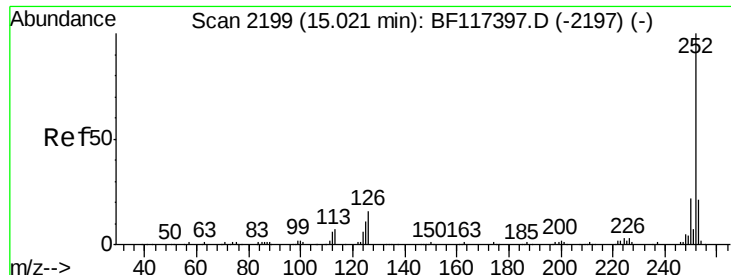
#88
Benzo(b)fluoranthene
Concen: 40.668 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:252 Resp: 327663
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 11.7 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

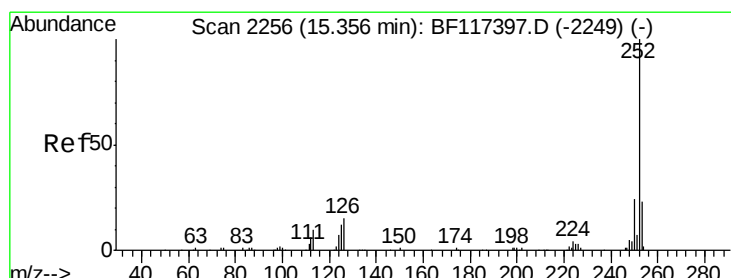
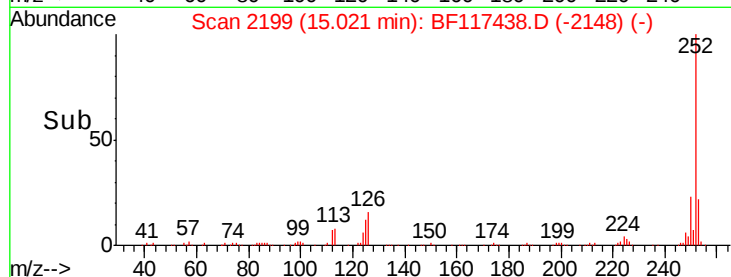
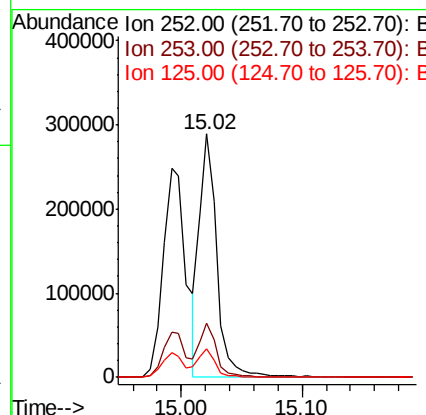
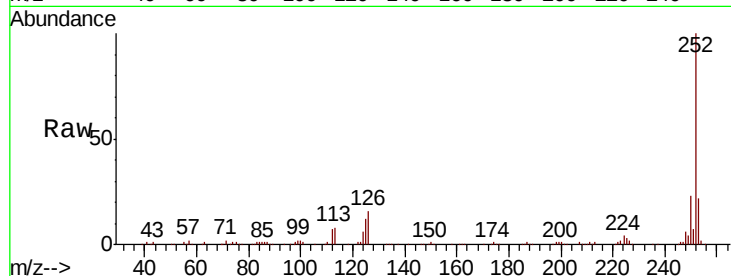




#89
Benzo(k)fluoranthene
Concen: 36.155 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

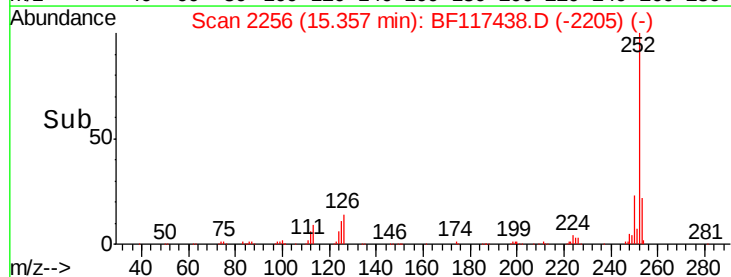
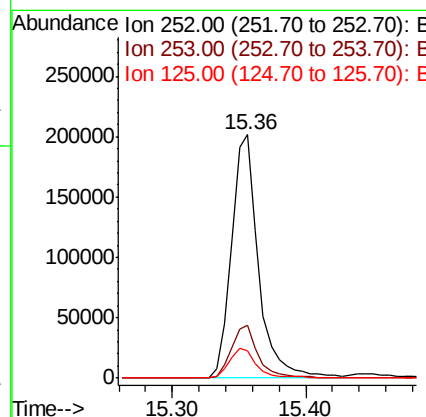
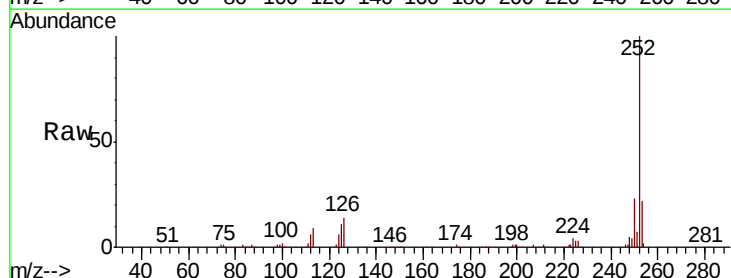
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

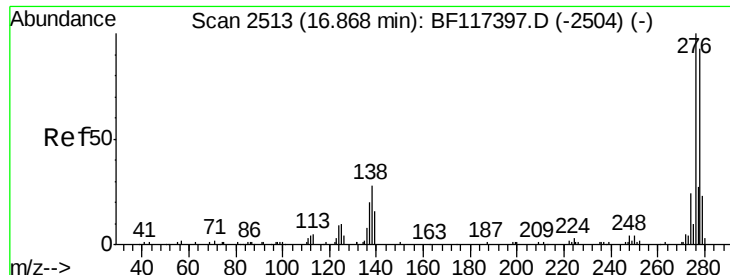
Tot Ion:252 Resp: 289498
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 11.7 9.4 14.2



#90
Benzo(a)pyrene
Concen: 40.266 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:252 Resp: 287279
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 11.4 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 40.606 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

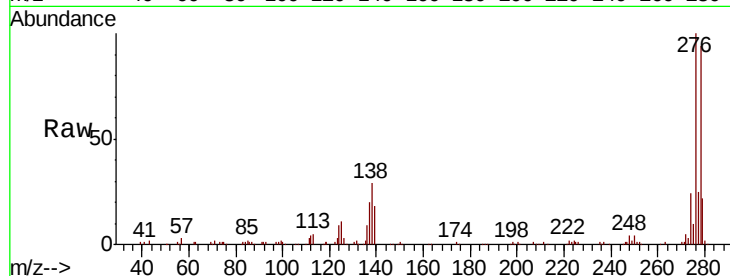
Tot Ion:278 Resp: 248246

Ion Ratio Lower Upper

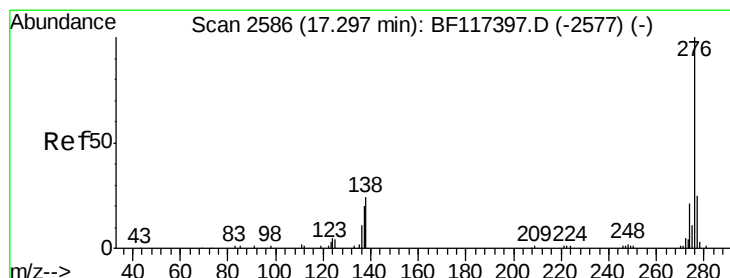
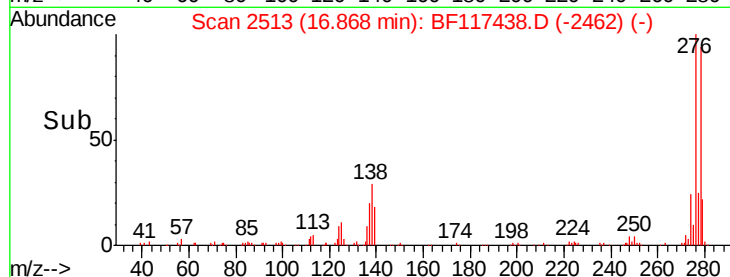
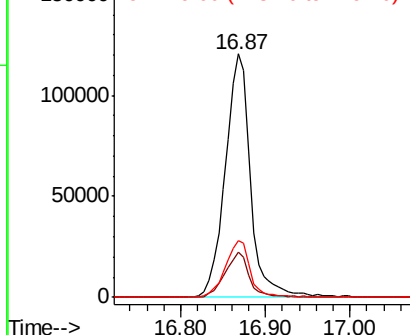
278 100

139 18.6 14.1 21.1

279 23.6 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.346 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

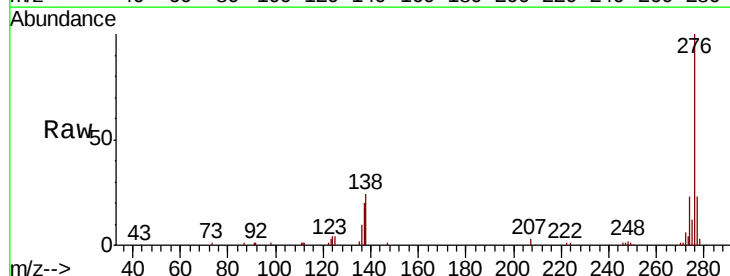
Tgt Ion:276 Resp: 223152

Ion Ratio Lower Upper

276 100

277 23.4 19.9 29.9

138 23.9 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

