

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117638.D
 Acq On : 31 Oct 2019 1:47
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 31 15:00:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	46597	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	197924	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	96358	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	147769	20.00	ng	0.00
76) Chrysene-d12	13.90	240	103967	20.00	ng	0.00
87) Perylene-d12	15.33	264	92685	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	271239	86.60	ng	0.00
7) Phenol-d6	6.39	99	360521	85.70	ng	0.01
23) Nitrobenzene-d5	7.30	82	335639	83.72	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	63468	76.12	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	554525	81.09	ng	0.00
79) Terphenyl-d14	12.83	244	482560	75.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	53198	40.397	ng	98
3) Pyridine	3.05	79	142266	44.131	ng	98
4) n-Nitrosodimethylamine	3.02	42	50112	42.849	ng	98
6) Aniline	6.40	93	211426	42.809	ng	89
8) 2-Chlorophenol	6.53	128	143442	43.401	ng	96
9) Benzaldehyde	6.29	77	98864	52.035	ng	96
10) Phenol	6.40	94	184178	42.896	ng	88
11) bis(2-Chloroethyl)ether	6.47	93	133567	42.057	ng	99
12) 1,3-Dichlorobenzene	6.67	146	153019	41.488	ng	99
13) 1,4-Dichlorobenzene	6.75	146	157355	42.056	ng	96
14) 1,2-Dichlorobenzene	6.90	146	150576	42.694	ng	97
15) Benzyl Alcohol	6.89	79	127268	42.344	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	142340	41.547	ng	69
17) 2-Methylphenol	7.01	107	119174	43.832	ng	# 92
18) Hexachloroethane	7.23	117	47471	32.506	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	104992	40.866	ng	95
20) 3+4-Methylphenols	7.17	107	153566	43.079	ng	# 63
22) Acetophenone	7.15	105	220999	42.050	ng	# 95
24) Nitrobenzene	7.32	77	159608	41.565	ng	98
25) Isophorone	7.56	82	274343	39.556	ng	98
26) 2-Nitrophenol	7.64	139	60459	35.302	ng	95
27) 2,4-Dimethylphenol	7.69	122	107993	42.193	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	172362	40.275	ng	98
29) 2,4-Dichlorophenol	7.89	162	110690	41.232	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	117106	40.649	ng	97
31) Naphthalene	8.03	128	405370	41.320	ng	99
32) Benzoic acid	7.86	122	65162	37.170	ng	94
33) 4-Chloroaniline	8.09	127	172737	41.720	ng	97
34) Hexachlorobutadiene	8.15	225	66178	39.687	ng	98
35) Caprolactam	8.48	113	39634	45.958	ng	92
36) 4-Chloro-3-methylphenol	8.60	107	127628	41.685	ng	99
37) 2-Methylnaphthalene	8.73	142	265742	40.200	ng	99
38) 1-Methylnaphthalene	8.82	142	251754	40.529	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	109481	42.185	ng	99

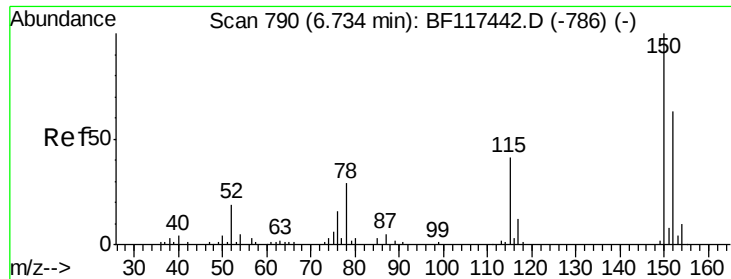
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117638.D
 Acq On : 31 Oct 2019 1:47
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 Sample : SSTDCCC040
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	2404	14.468	nq	87
43) 2,4,6-Trichlorophenol	9.02	196	68047	41.869	nq	94
44) 2,4,5-Trichlorophenol	9.07	196	67272	40.848	nq	92
46) 1,1'-Biphenyl	9.19	154	333235	41.774	nq	99
47) 2-Chloronaphthalene	9.22	162	251183	41.762	nq	99
48) 2-Nitroaniline	9.33	65	92002	46.596	nq	96
49) Acenaphthylene	9.63	152	374179	42.354	nq	100
50) Dimethylphthalate	9.49	163	284059	41.352	nq	99
51) 2,6-Dinitrotoluene	9.56	165	57119	39.847	nq	# 81
52) Acenaphthene	9.80	154	223216	41.182	nq	98
53) 3-Nitroaniline	9.74	138	80025	46.011	nq	100
55) Dibenzofuran	9.97	168	329004	41.896	nq	99
56) 4-Nitrophenol	9.94	139	34742	45.285	nq	93
57) 2,4-Dinitrotoluene	9.98	165	76691	40.241	nq	90
58) Fluorene	10.32	166	268357	41.324	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	48775	37.682	nq	96
60) Diethylphthalate	10.19	149	290111	41.754	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	118405	40.640	nq	92
62) 4-Nitroaniline	10.36	138	76566	46.705	nq	98
63) Azobenzene	10.46	77	294032	41.339	nq	98
65) 4,6-Dinitro-2-methylphenol	10.41	198	3895	5.184	nq	# 50
66) n-Nitrosodiphenylamine	10.43	169	230382	42.647	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	64826	40.729	nq	91
68) Hexachlorobenzene	10.87	284	70106	41.128	nq	# 87
69) Atrazine	10.95	200	34830	25.341	nq	98
70) Pentachlorophenol	11.08	266	27890	54.580	nq	96
71) Phenanthrene	11.28	178	356387	41.535	nq	98
72) Anthracene	11.33	178	365815	41.551	nq	99
73) Carbazole	11.49	167	345099	42.892	nq	100
74) Di-n-butylphthalate	11.81	149	444074	41.307	nq	98
75) Fluoranthene	12.47	202	341385	39.744	nq	99
77) Benzidine	12.60	184	157320	64.213	nq	99
78) Pyrene	12.70	202	343899	38.510	nq	99
80) Butylbenzylphthalate	13.30	149	171111	38.505	nq	93
81) Benzo(a)anthracene	13.89	228	285905	40.768	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	107296	48.757	nq	# 97
83) Chrysene	13.93	228	283643	41.268	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	231509	37.190	nq	98
85) Di-n-octyl phthalate	14.47	149	395026	41.273	nq	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	169064	32.946	nq	98
88) Benzo(b)fluoranthene	14.93	252	241088	44.049	nq	98
89) Benzo(k)fluoranthene	14.96	252	237349	42.311	nq	97
90) Benzo(a)pyrene	15.28	252	208560	41.911	nq	99
91) Dibenzo(a,h)anthracene	16.76	278	142447	33.105	nq	97
92) Benzo(g,h,i)perylene	17.19	276	132461	32.536	nq	97

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

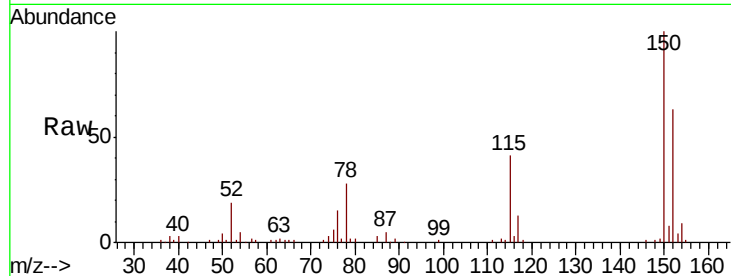


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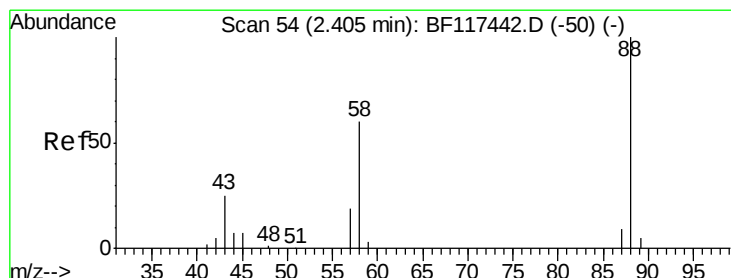
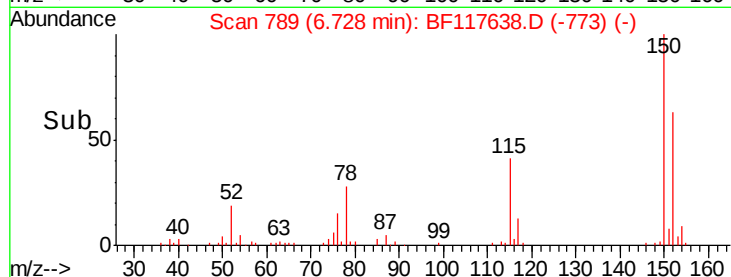
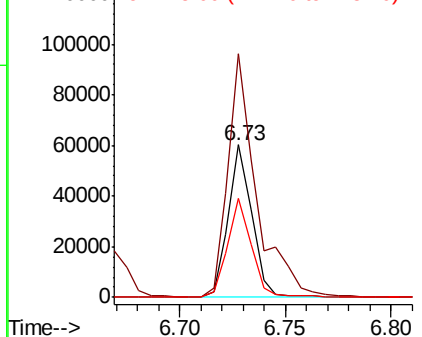
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 46597
Ion Ratio Lower Upper
152 100
150 159.9 126.8 190.2
115 65.1 51.6 77.4



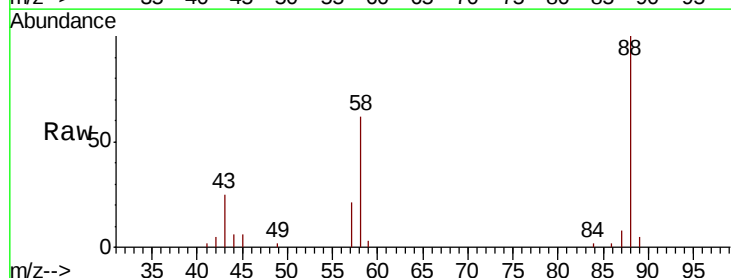
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



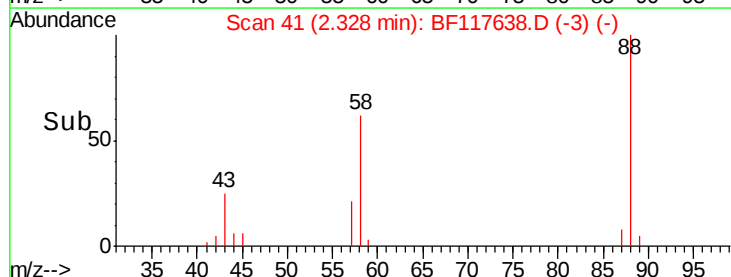
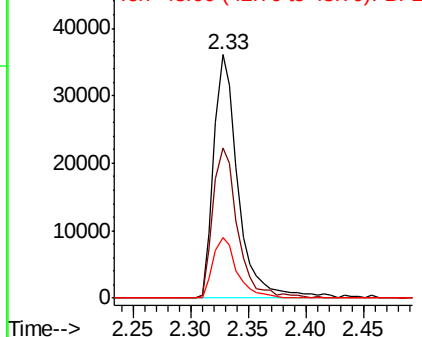
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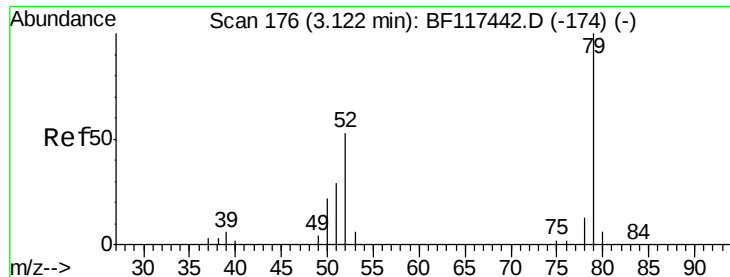
1,4-Dioxane
Concen: 40.397 ng
RT: 2.33 min Scan# 41
Delta R.T. -0.08 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion: 88 Resp: 53198
Ion Ratio Lower Upper
88 100
58 62.8 48.8 73.2
43 24.2 18.5 27.7



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

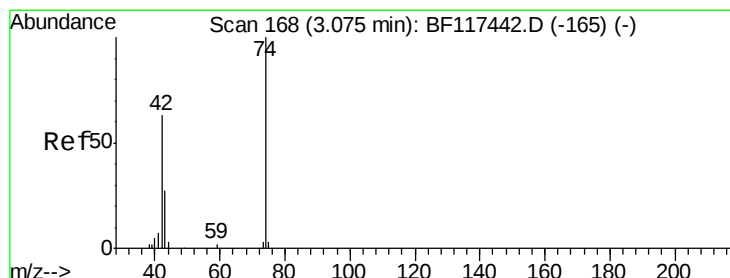
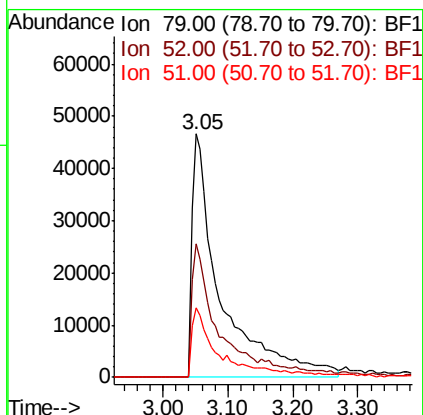
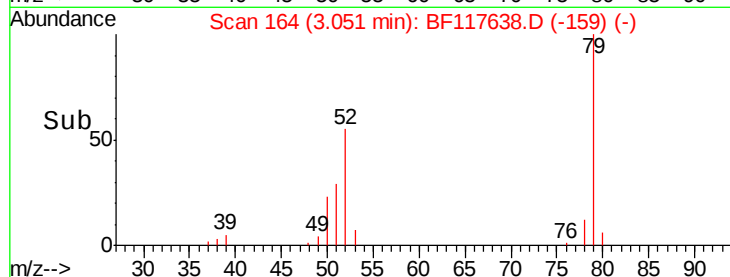
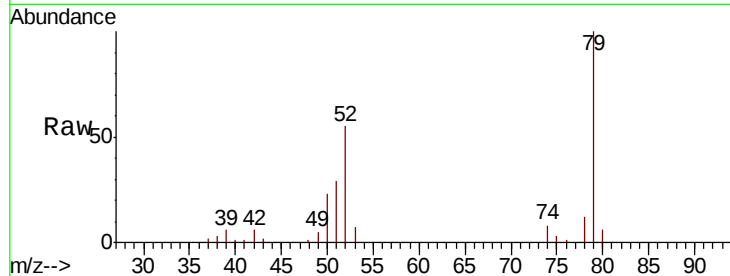




#3
 Pvridine
 Concen: 44.131 ng
 RT: 3.05 min Scan# 164
 Delta R.T. -0.07 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

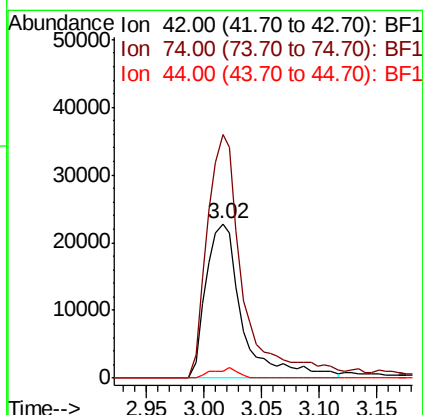
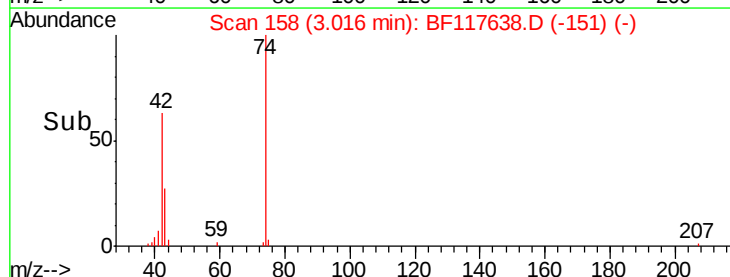
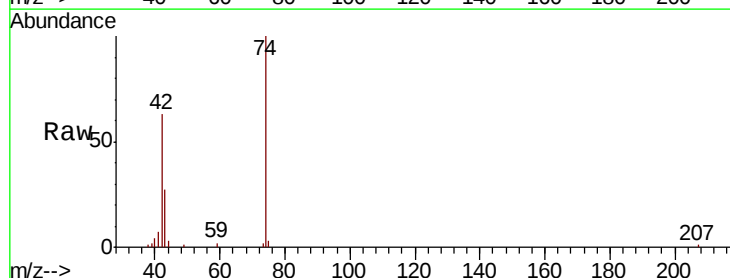
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

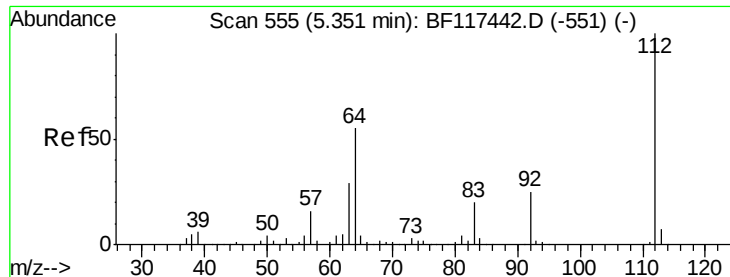
Tot Ion: 79 Resp: 142266
 Ion Ratio Lower Upper
 79 100
 52 54.9 42.4 63.6
 51 28.5 23.3 34.9



#4
 n-Nitrosodimethylamine
 Concen: 42.849 ng
 RT: 3.02 min Scan# 158
 Delta R.T. -0.06 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Tgt Ion: 42 Resp: 50112
 Ion Ratio Lower Upper
 42 100
 74 158.1 124.2 186.4
 44 4.7 4.2 6.4





#5

2-Fluorophenol

Concen: 86.599 ng

RT: 5.35 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

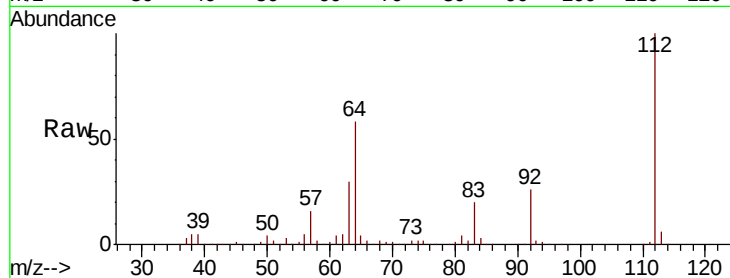
Tot Ion: 112 Resp: 271239

Ion Ratio Lower Upper

112 100

64 58.1 44.1 66.1

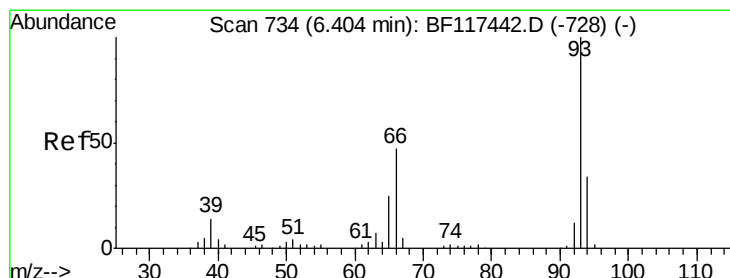
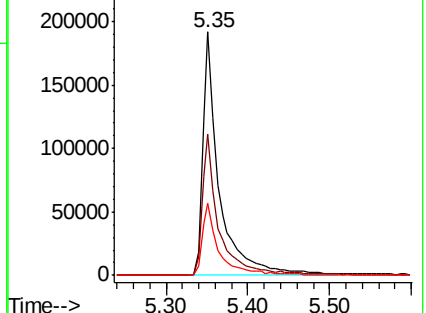
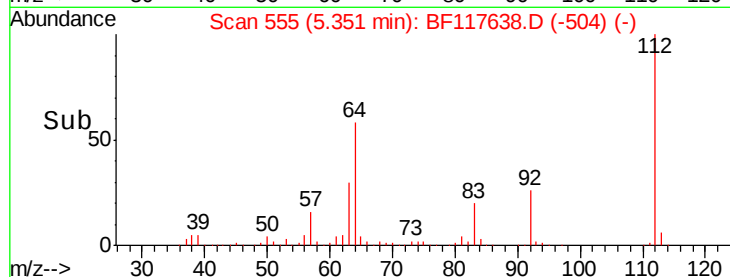
63 29.7 23.4 35.2



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: 42.809 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

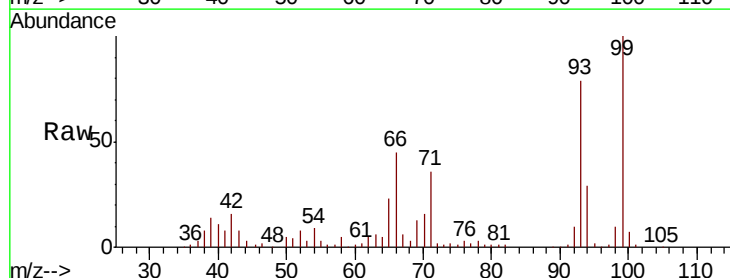
Tgt Ion: 93 Resp: 211426

Ion Ratio Lower Upper

93 100

66 56.5 38.7 58.1

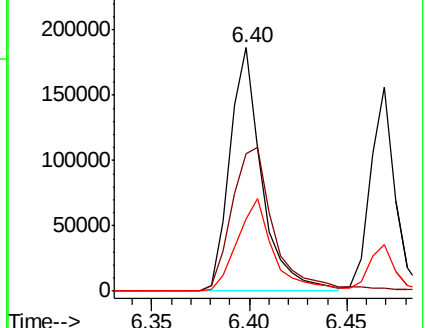
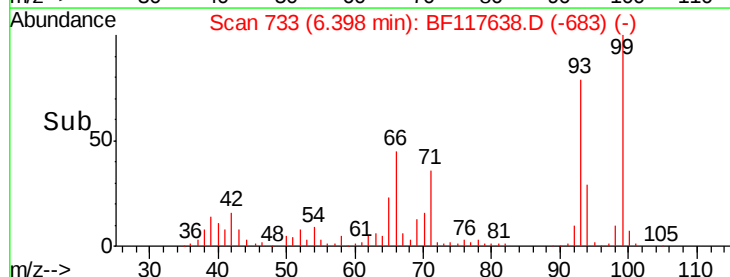
65 29.6 20.1 30.1

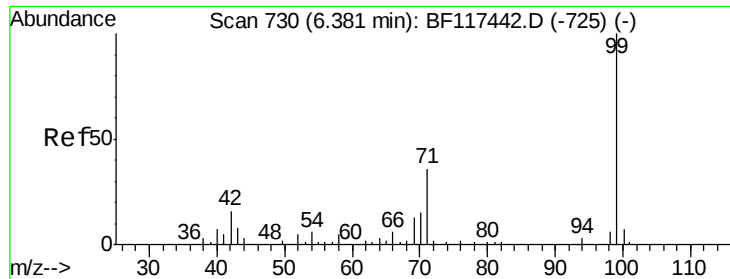


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.699 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

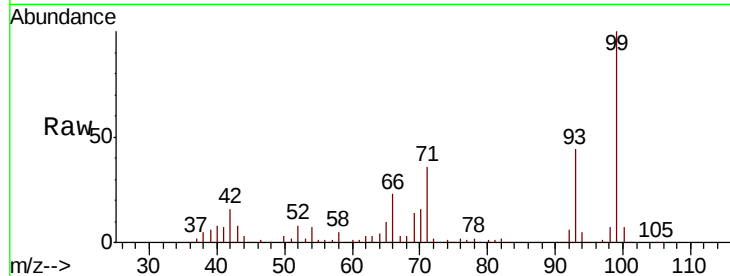
Tot Ion: 99 Resp: 360521

Ion Ratio Lower Upper

99 100

42 16.1 12.8 19.2

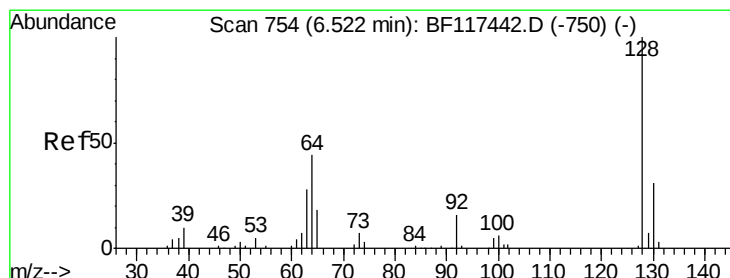
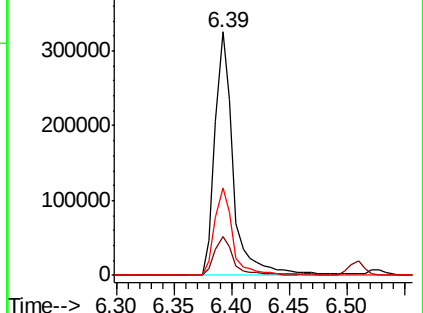
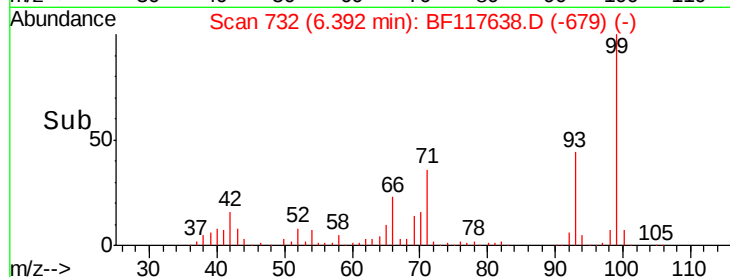
71 35.9 28.6 43.0



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: 43.401 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

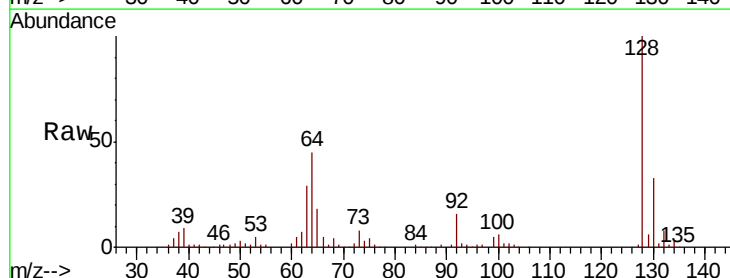
Tgt Ion: 128 Resp: 143442

Ion Ratio Lower Upper

128 100

130 32.9 11.1 51.1

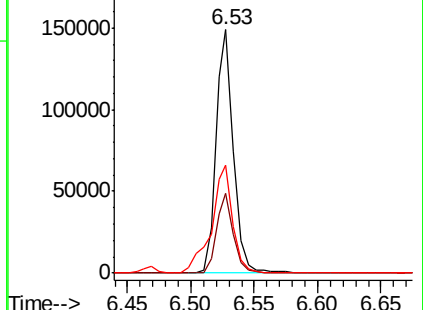
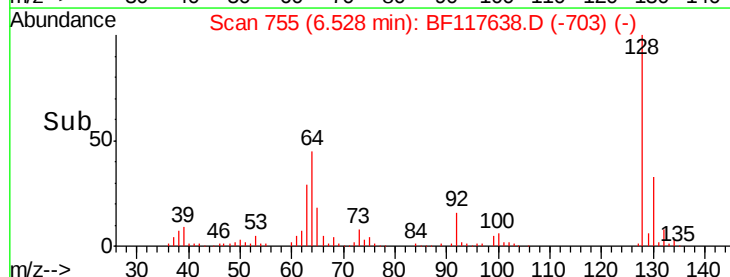
64 44.6 27.1 67.1

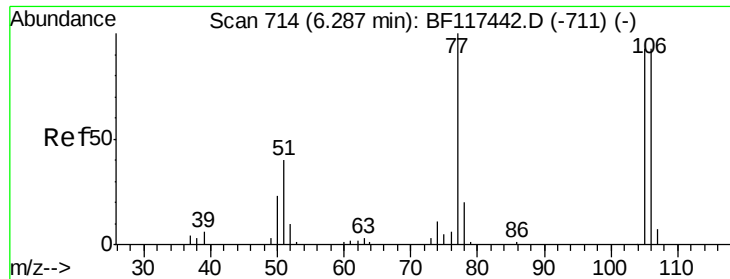


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

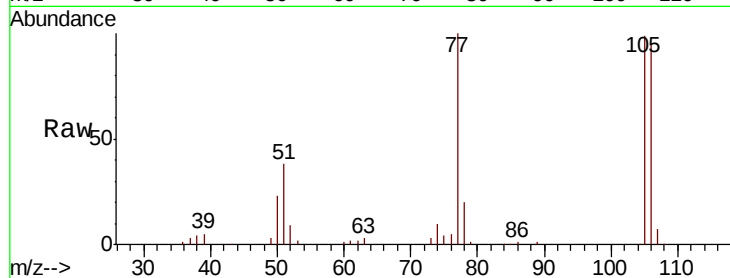




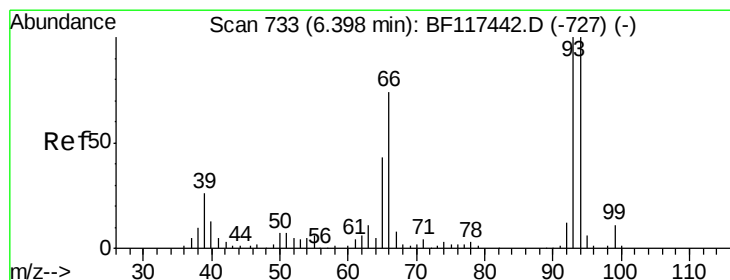
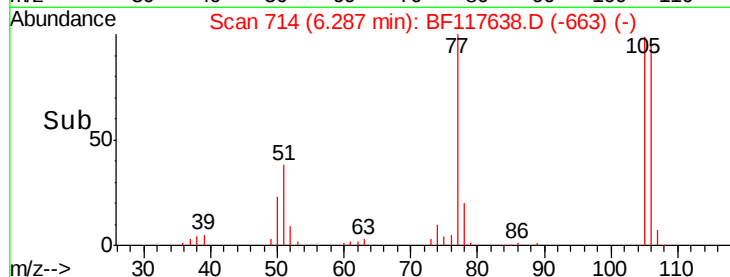
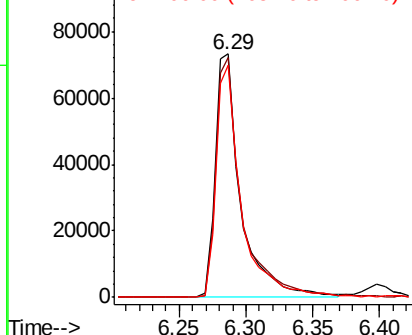
#9
Benzaldehyde
Concen: 52.035 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 98864
Ion Ratio Lower Upper
77 100
105 98.6 73.4 113.4
106 95.1 73.0 113.0

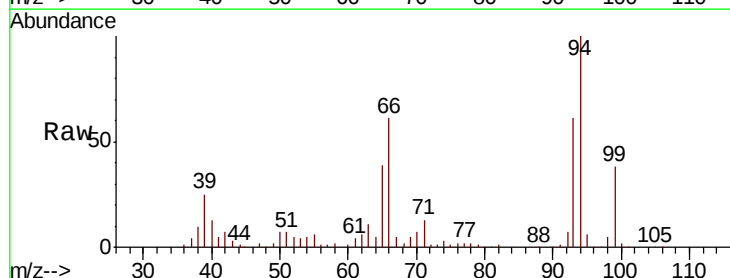


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

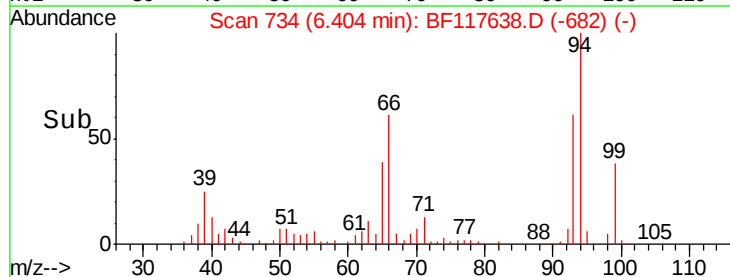
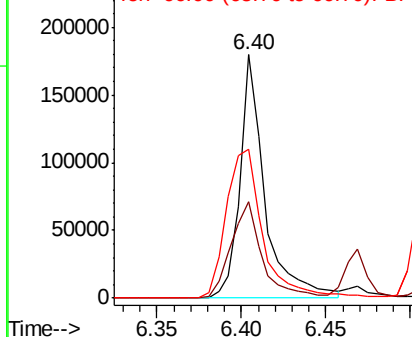


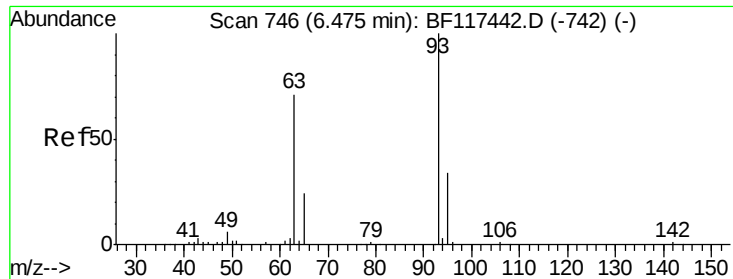
#10
Phenol
Concen: 42.896 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion: 94 Resp: 184178
Ion Ratio Lower Upper
94 100
65 39.4 23.4 63.4
66 61.3 54.7 94.7



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

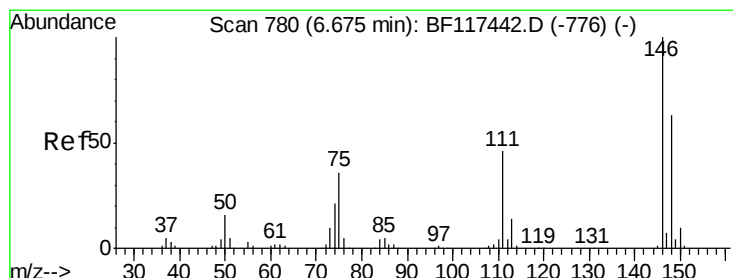
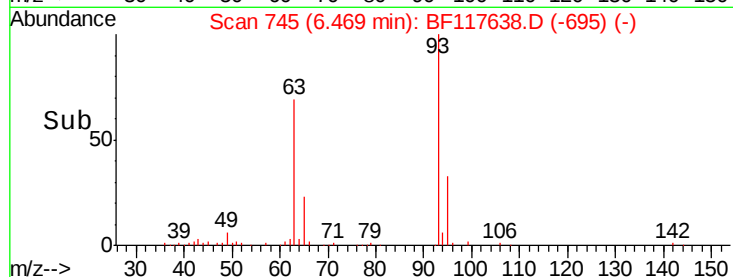
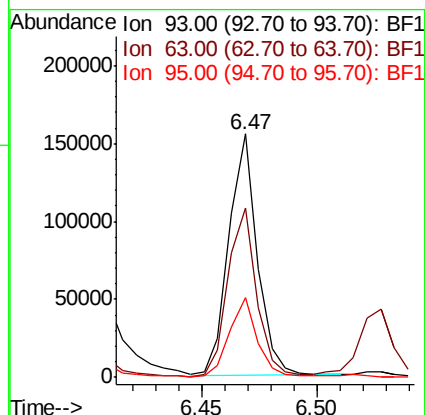
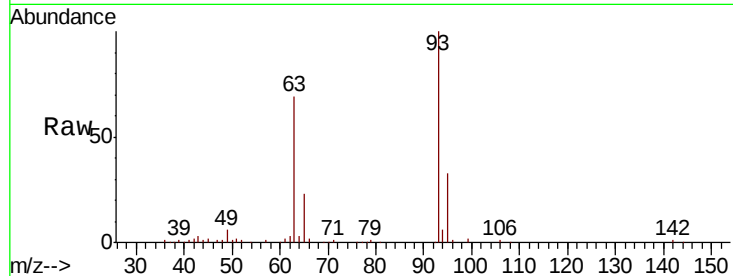




#11
 bis(2-Chloroethyl)ether
 Concen: 42.057 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

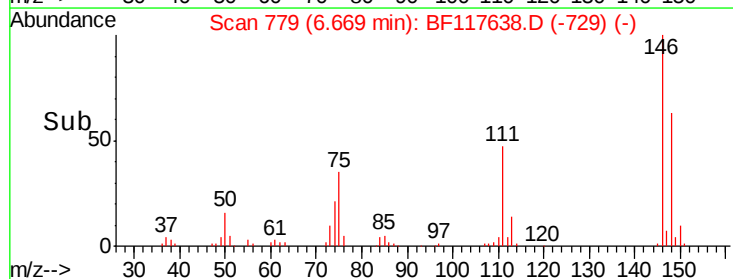
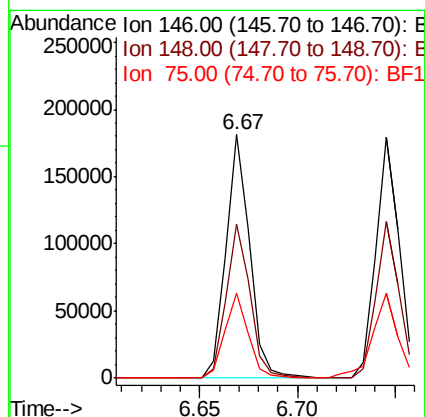
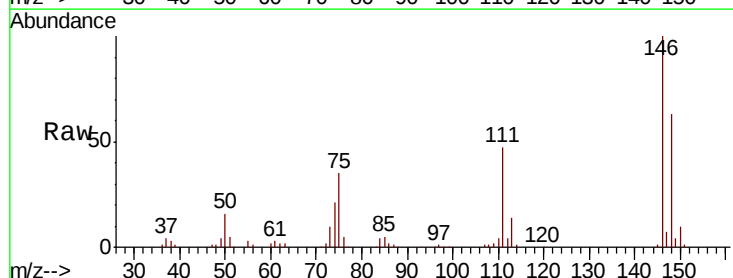
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

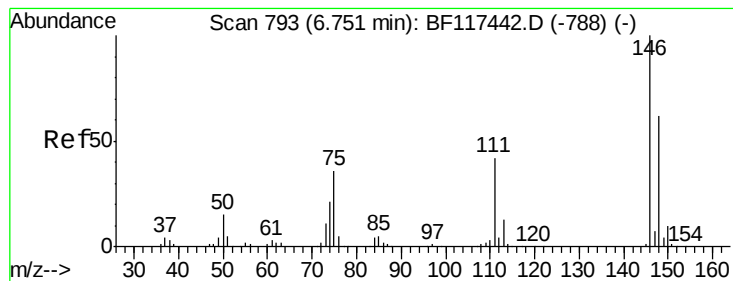
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.4	50.2	90.2
95	32.6	13.9	53.9



#12
 1,3-Dichlorobenzene
 Concen: 41.488 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
75	34.9	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 42.056 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

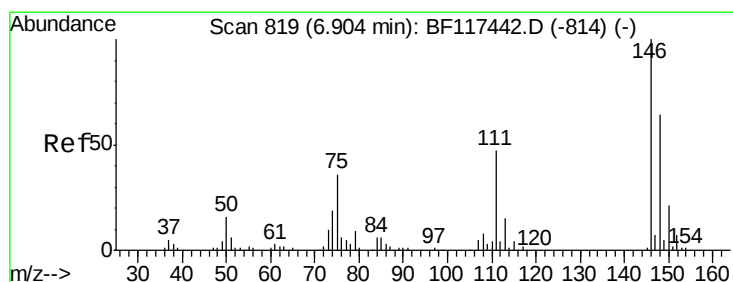
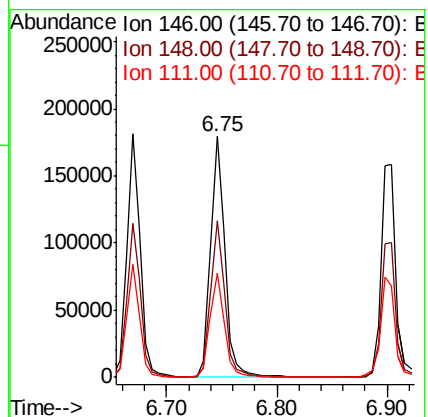
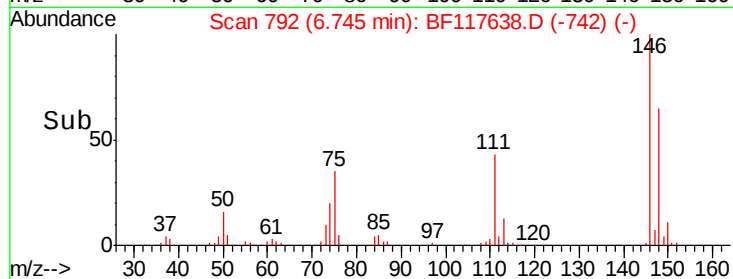
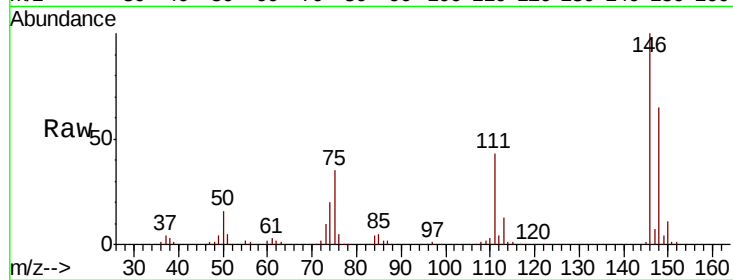
Tot Ion:146 Resp: 157355

Ion Ratio Lower Upper

146 100

148 65.1 49.3 73.9

111 43.4 33.6 50.4



#14

1,2-Dichlorobenzene

Concen: 42.694 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

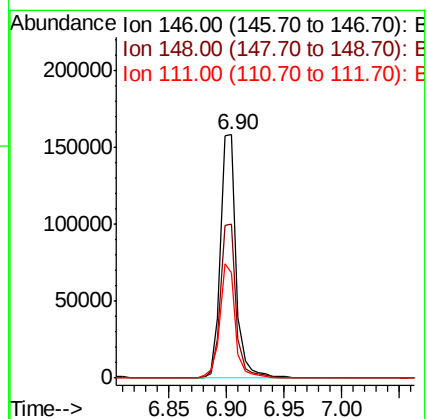
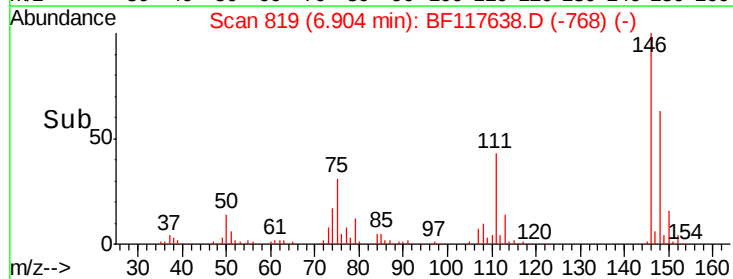
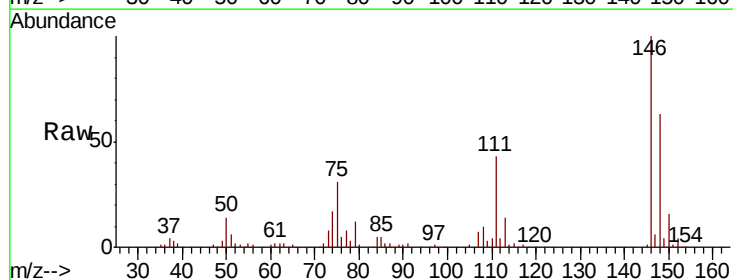
Tgt Ion:146 Resp: 150576

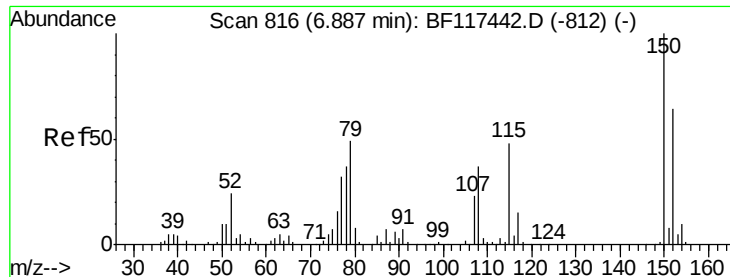
Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.0

111 43.2 37.7 56.5

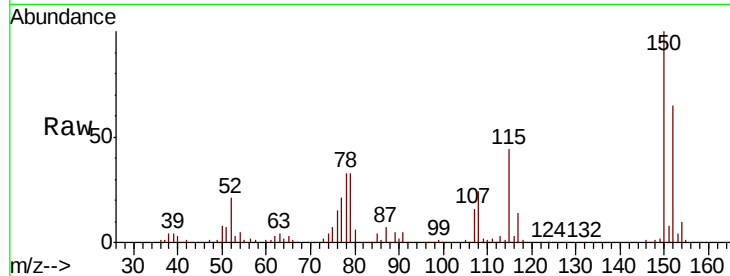




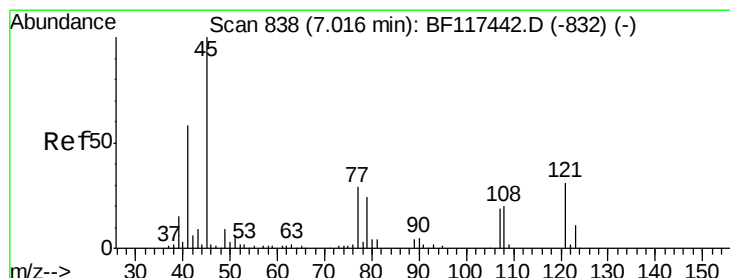
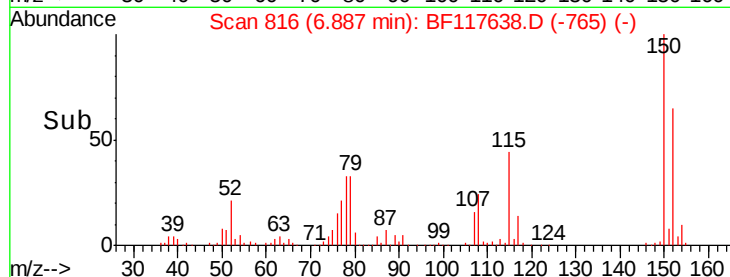
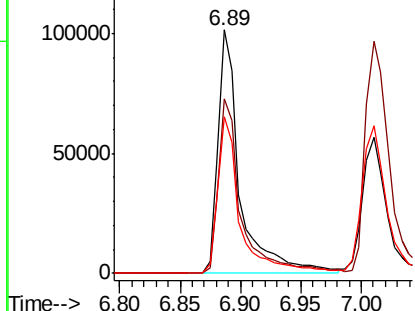
#15
Benzyl Alcohol
Concen: 42.344 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 127268
Ion Ratio Lower Upper
79 100
108 71.4 59.8 89.8
77 64.6 51.4 77.0

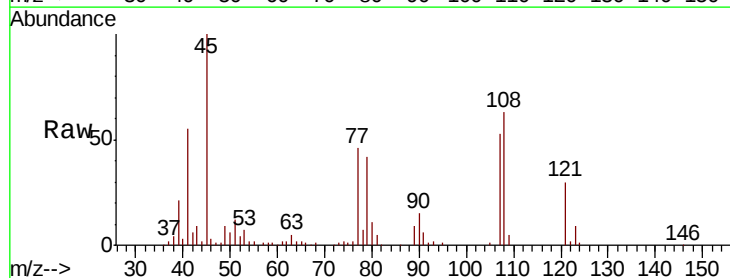


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

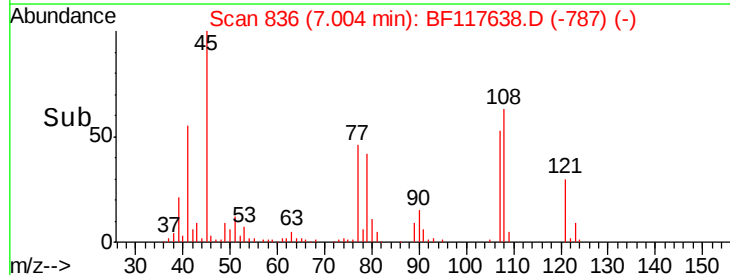
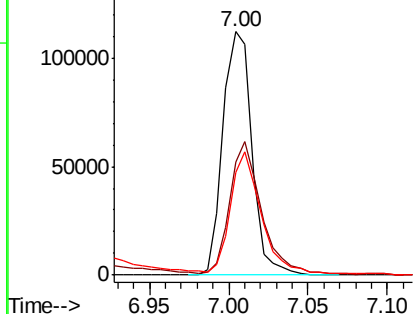


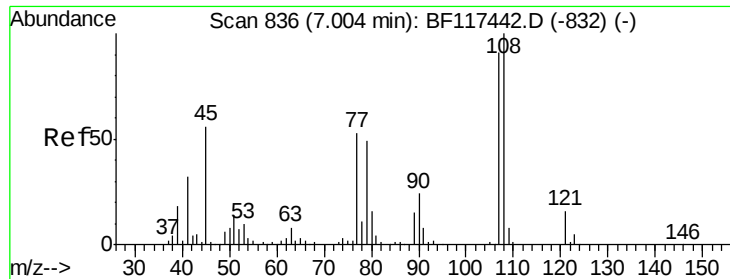
#16
2,2'-oxybis(1-chloropropane)
Concen: 41.547 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion: 45 Resp: 142340
Ion Ratio Lower Upper
45 100
77 46.3 9.9 49.9
79 42.0 5.5 45.5



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

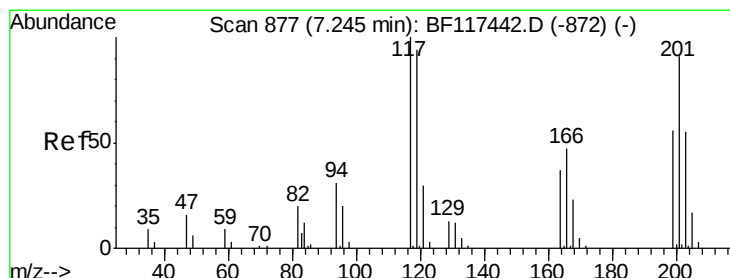
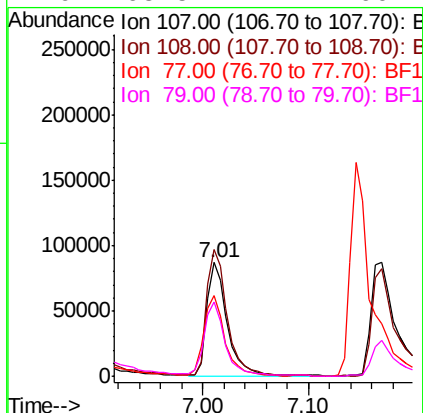
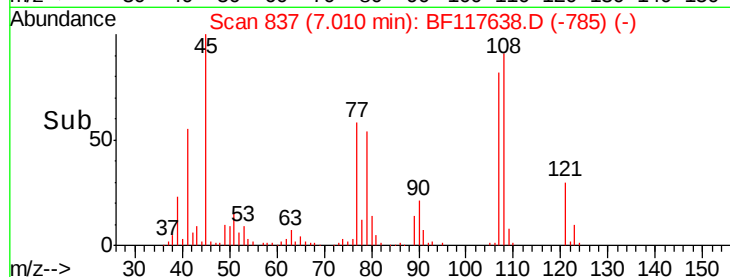
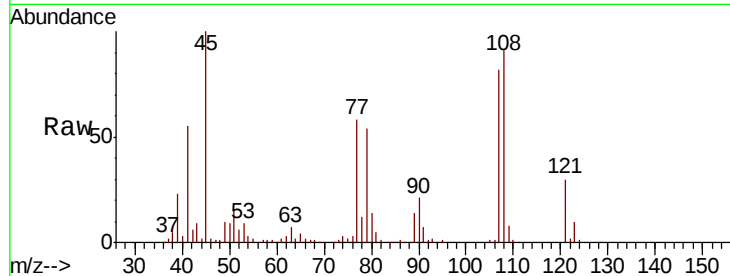




#17
2-Methylphenol
Concen: 43.832 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

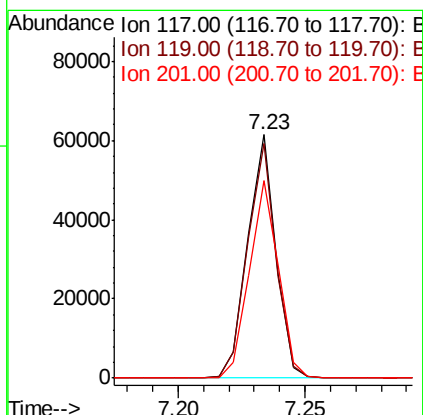
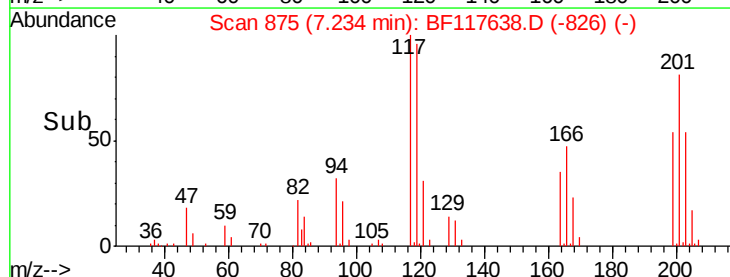
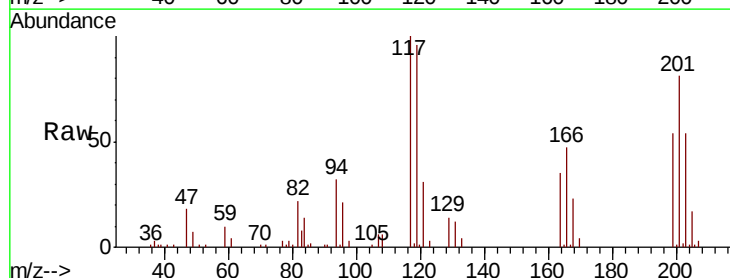
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

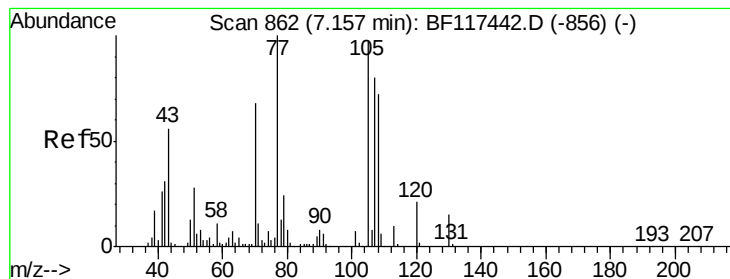
Tot Ion:107 Resp: 119174
Ion Ratio Lower Upper
107 100
108 111.1 88.0 132.0
77 70.9 47.2 70.8#
79 65.5 44.1 66.1



#18
Hexachloroethane
Concen: 32.506 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion:117 Resp: 47471
Ion Ratio Lower Upper
117 100
119 96.2 75.4 113.0
201 81.2 72.5 108.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.866 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 104992

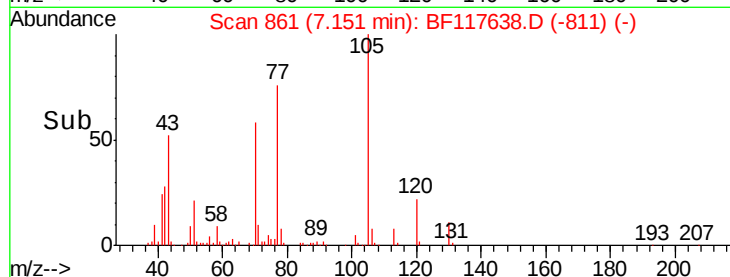
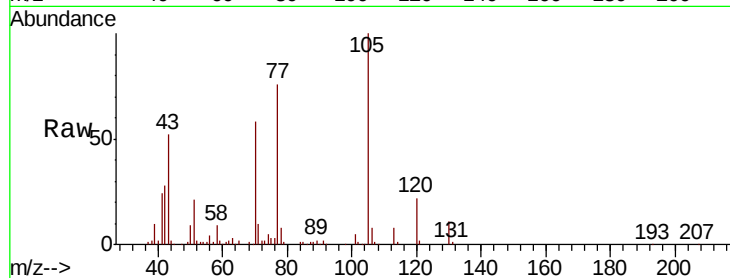
Ion Ratio Lower Upper

70 100

42 47.9 36.7 55.1

101 8.9 8.3 12.5

130 18.1 18.1 27.1



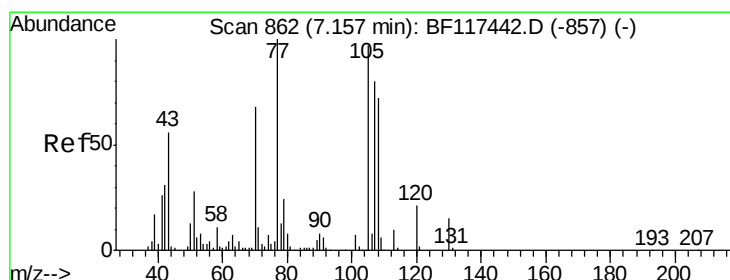
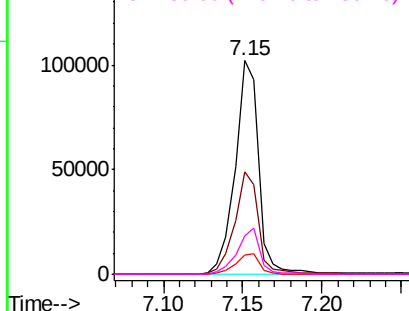
Abundance

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: 43.079 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Tgt Ion: 107 Resp: 153566

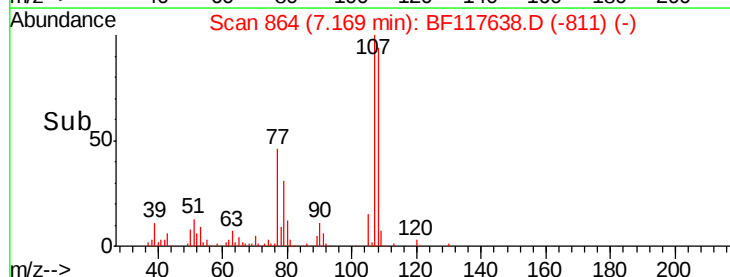
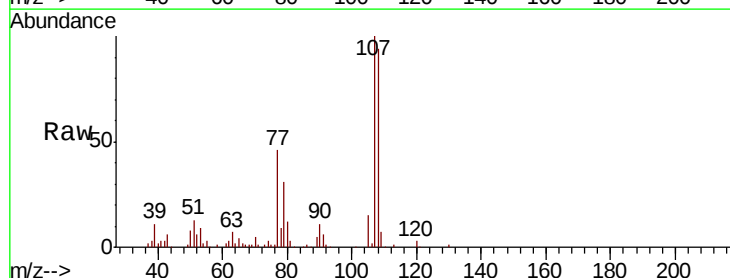
Ion Ratio Lower Upper

107 100

108 93.9 70.3 110.3

77 45.7 104.8 144.8#

79 31.0 10.0 50.0



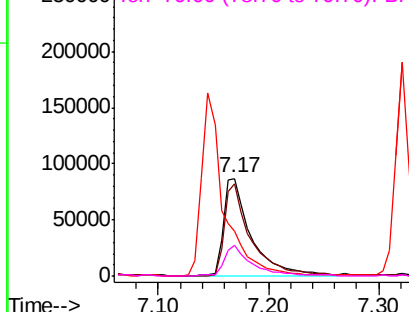
Abundance

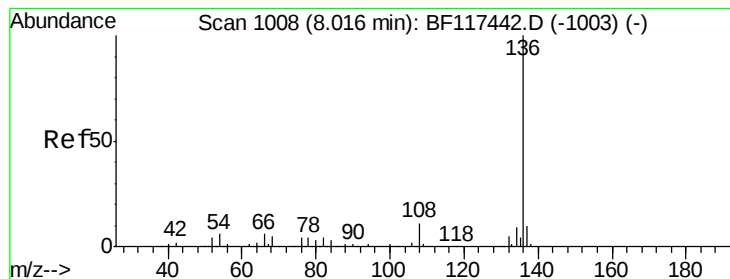
Ion 107.00 (106.70 to 107.70): BF1

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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 197924

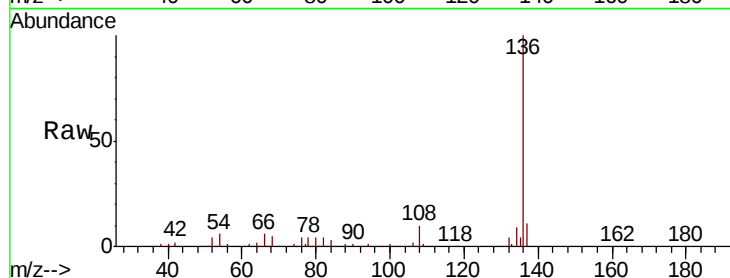
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 6.5 4.5 6.7

68 5.2 4.3 6.5

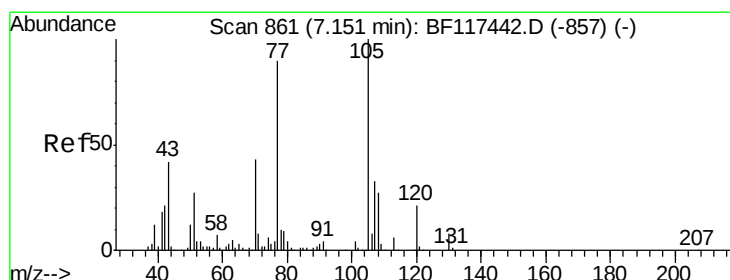
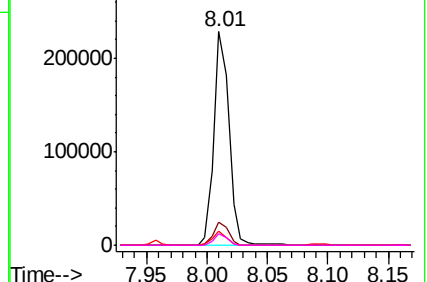
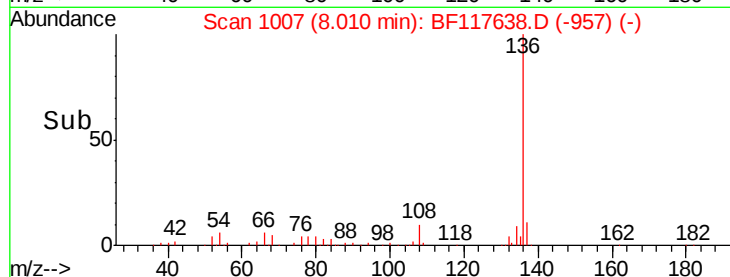


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.050 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Tgt Ion:105 Resp: 220999

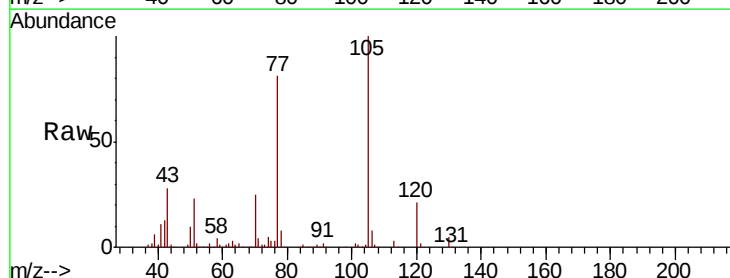
Ion Ratio Lower Upper

105 100

71 4.4 6.2 9.2#

51 22.8 21.8 32.6

120 20.9 16.7 25.1

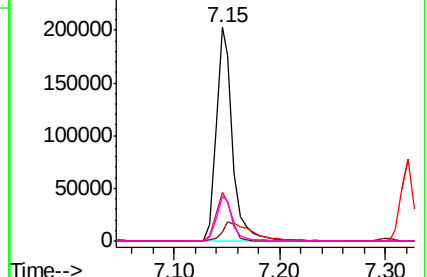
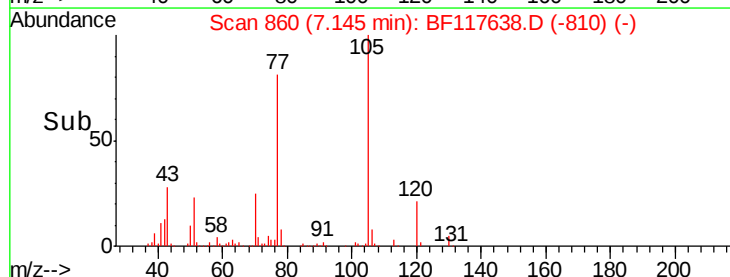


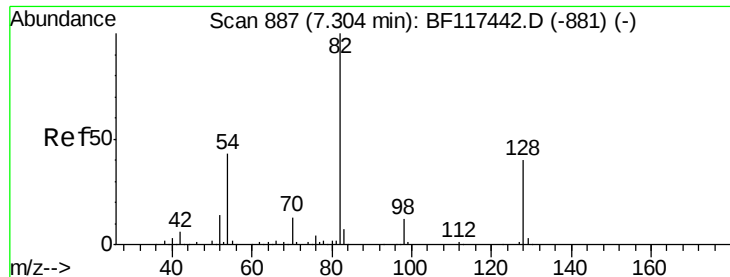
Abundance Ion 105.00 (104.70 to 105.70): E

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

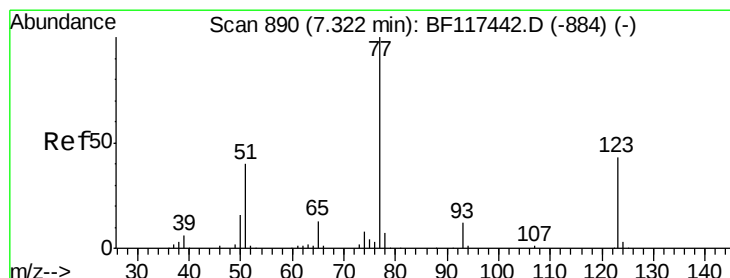
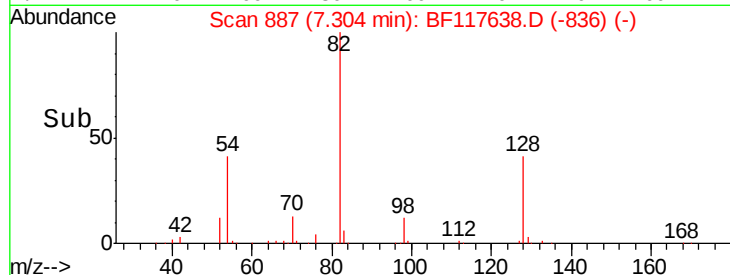
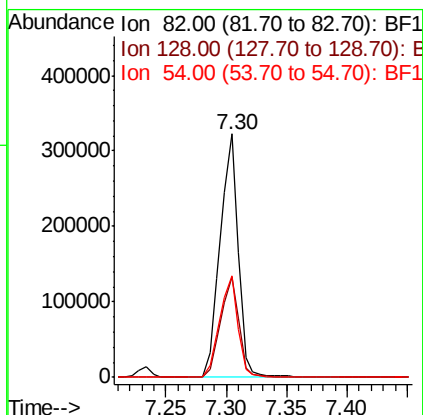
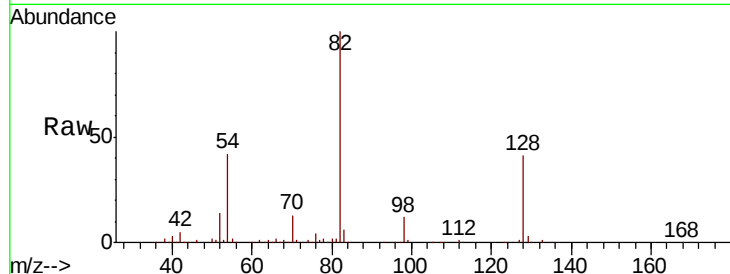




#23
Nitrobenzene-d5
Concen: 83.718 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

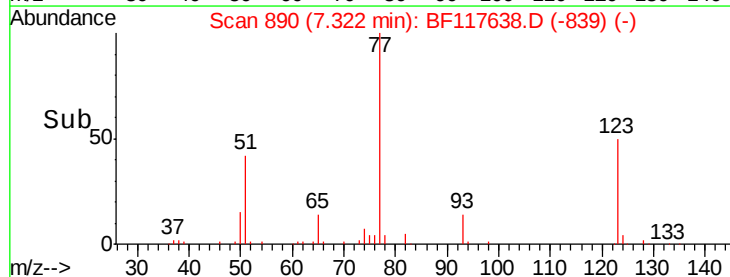
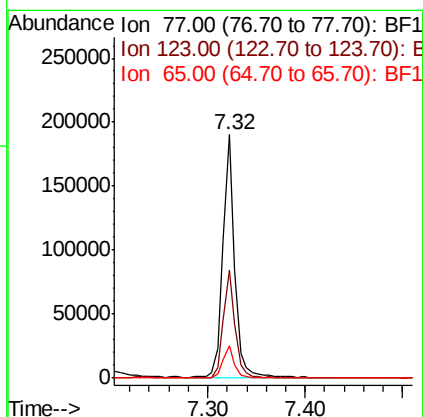
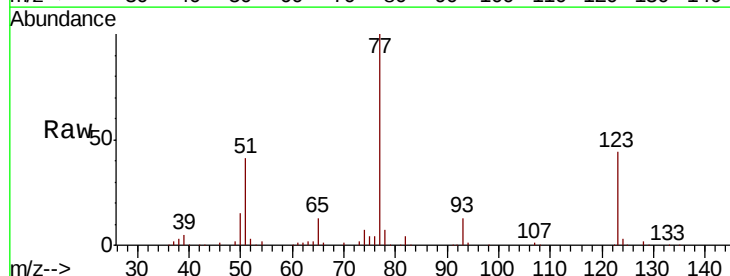
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

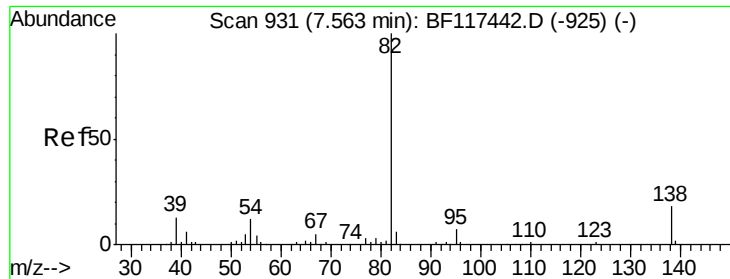
Tot Ion	82	Resp	335639
Ion Ratio	Lower	Upper	
82	100		
128	40.9	32.2	48.2
54	41.6	34.2	51.2



#24
Nitrobenzene
Concen: 41.565 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion	77	Resp	159608
Ion Ratio	Lower	Upper	
77	100		
123	44.1	34.2	51.2
65	13.1	10.3	15.5





#25

Isophorone

Concen: 39.556 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

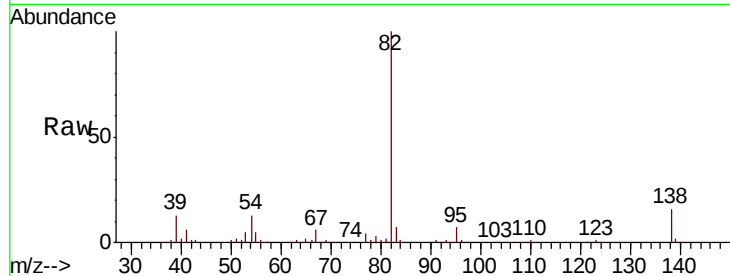
Tot Ion: 82 Resp: 274343

Ion Ratio Lower Upper

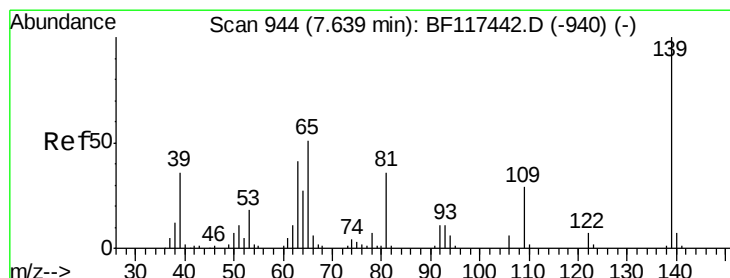
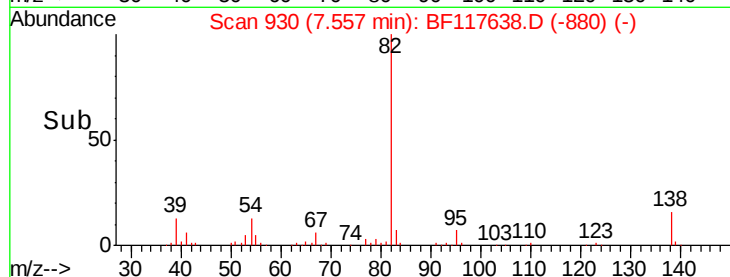
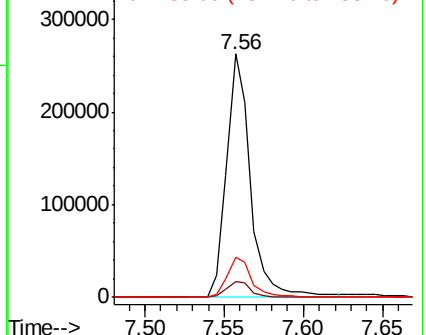
82 100

95 6.6 5.4 8.0

138 16.2 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 35.302 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

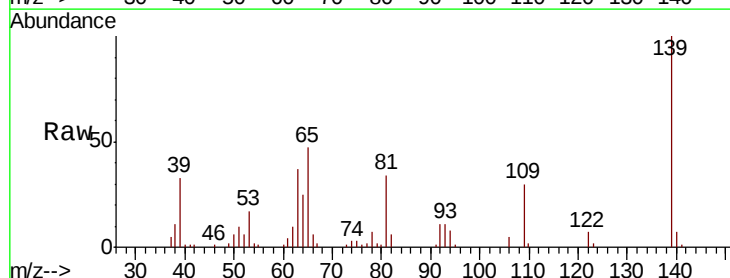
Tgt Ion: 139 Resp: 60459

Ion Ratio Lower Upper

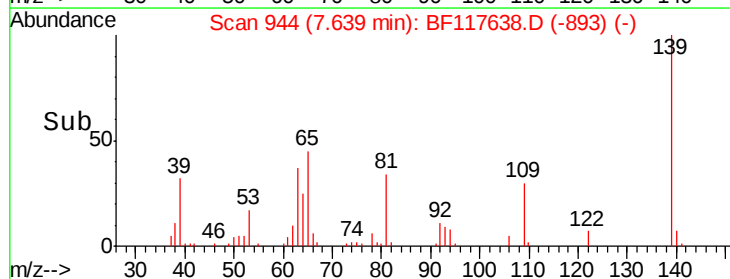
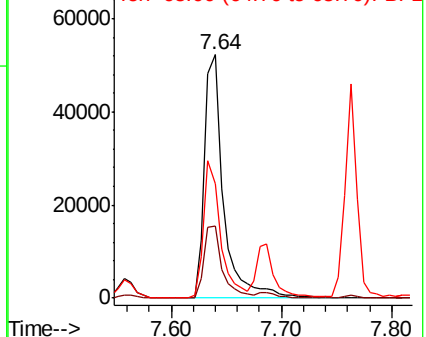
139 100

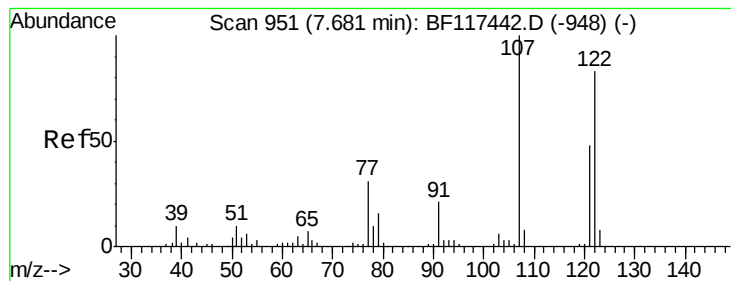
109 29.8 23.2 34.8

65 47.0 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.193 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

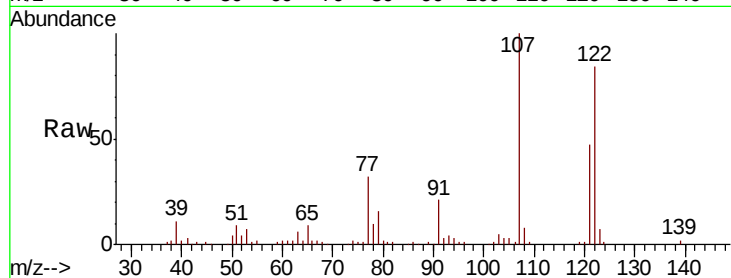
Tot Ion:122 Resp: 107993

Ion Ratio Lower Upper

122 100

107 118.5 96.8 145.2

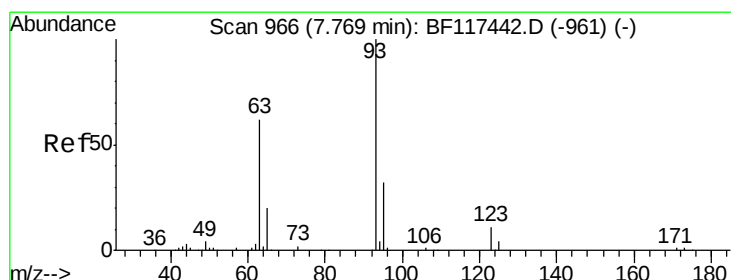
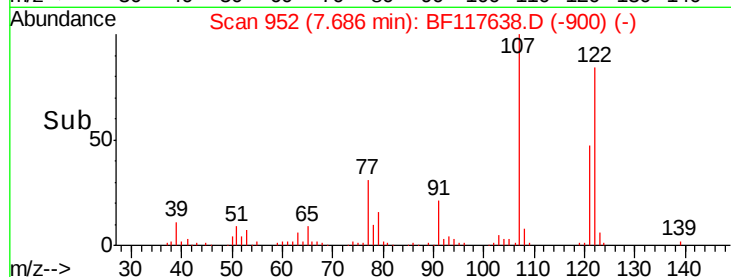
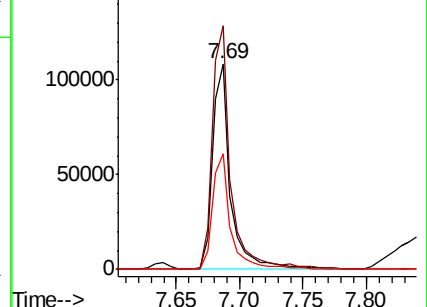
121 56.3 46.4 69.6



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: 40.275 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

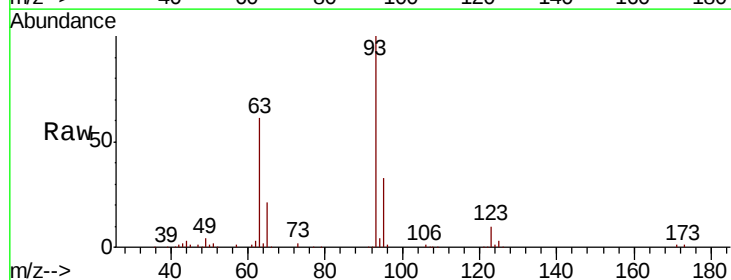
Tgt Ion: 93 Resp: 172362

Ion Ratio Lower Upper

93 100

95 32.7 25.5 38.3

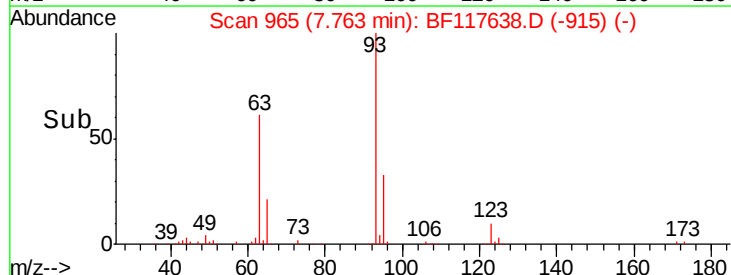
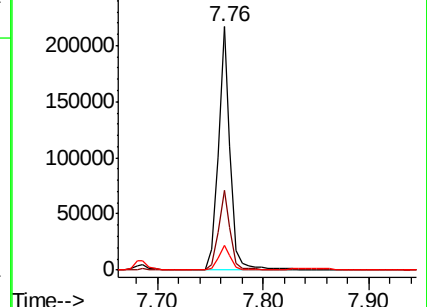
123 10.4 9.0 13.6

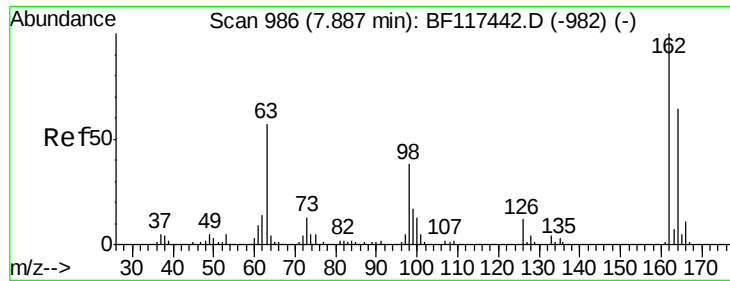


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

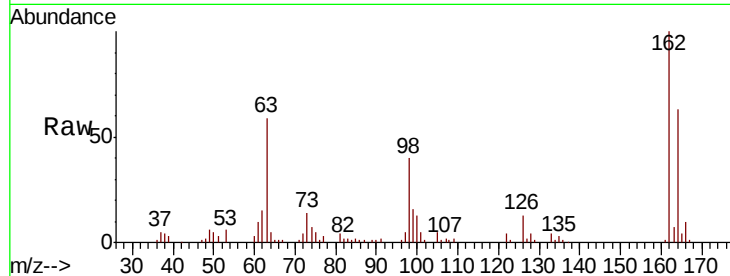




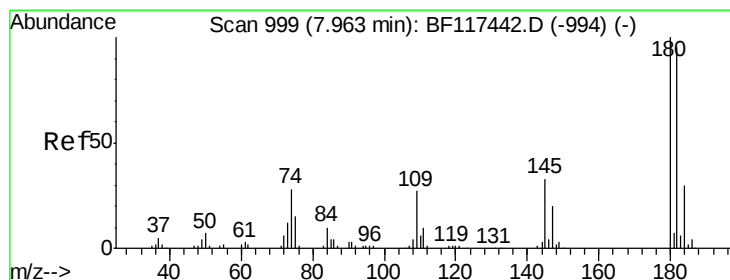
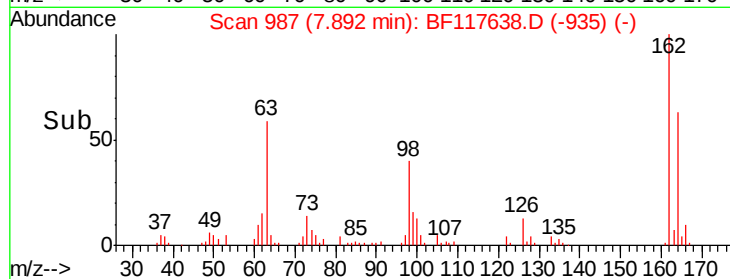
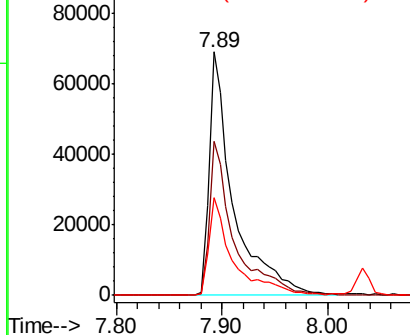
#29
2,4-Dichlorophenol
Concen: 41.232 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 110690
Ion Ratio Lower Upper
162 100
164 63.4 44.4 84.4
98 40.0 18.2 58.2

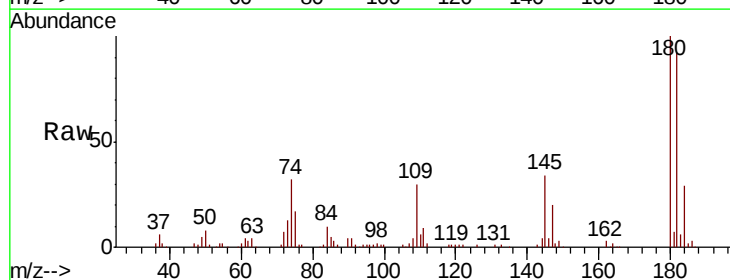


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

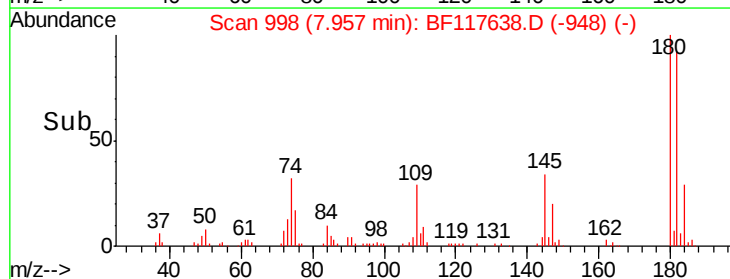
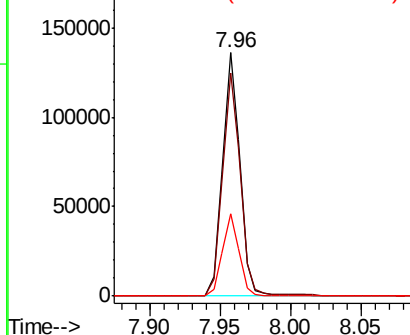


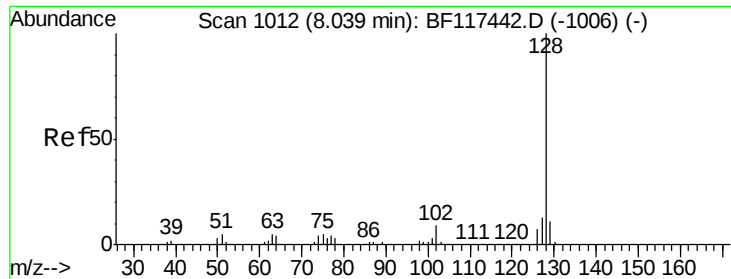
#30
1,2,4-Trichlorobenzene
Concen: 40.649 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion:180 Resp: 117106
Ion Ratio Lower Upper
180 100
182 91.8 75.8 113.8
145 34.0 26.5 39.7



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

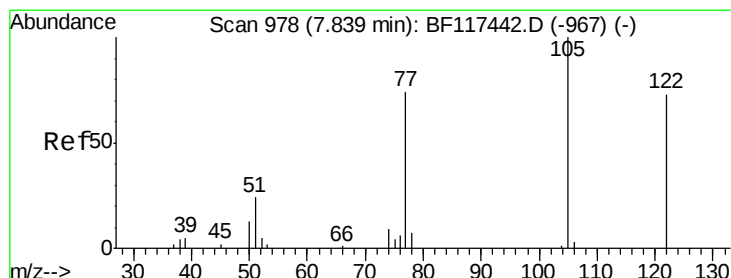
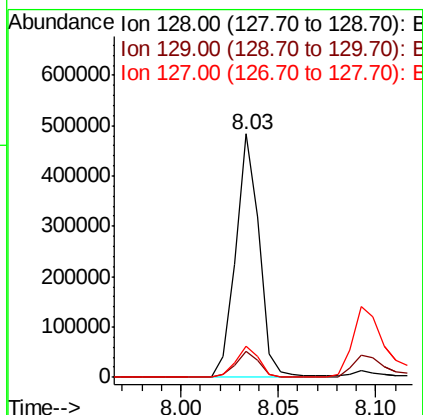
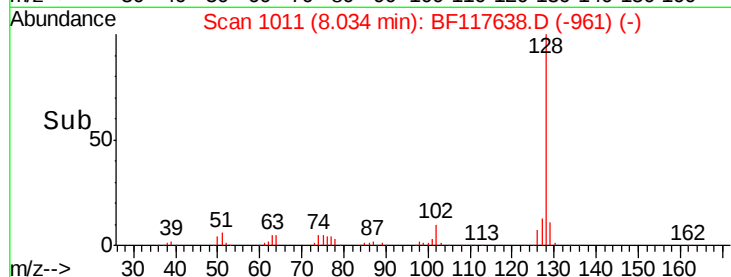
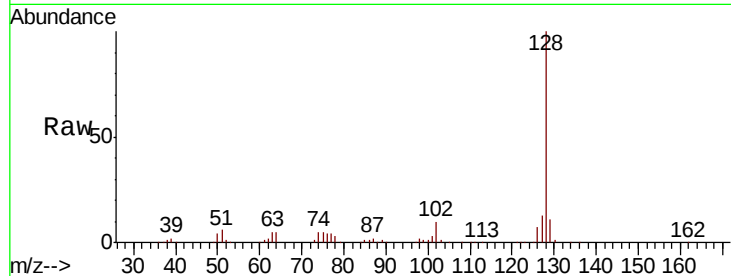




#31
Naphthalene
Concen: 41.320 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

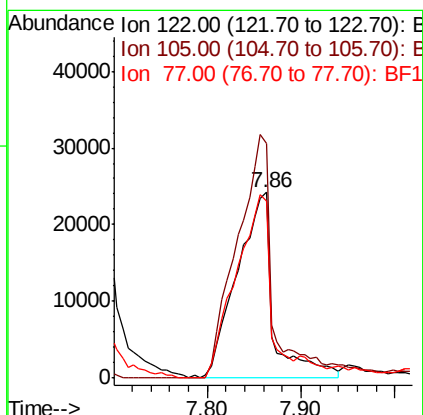
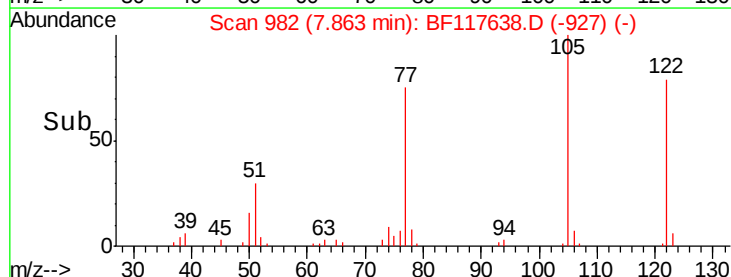
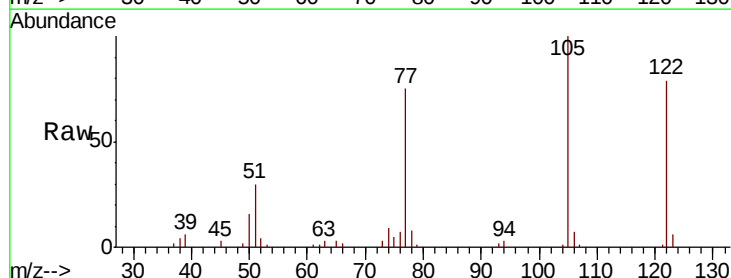
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

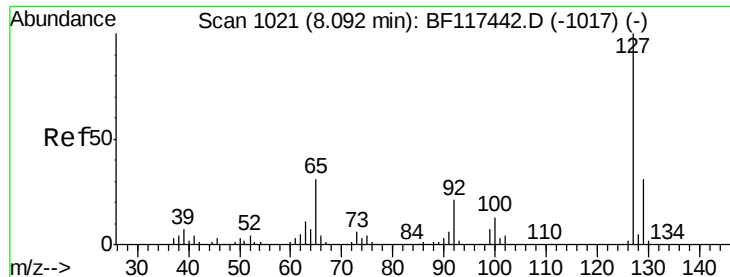
Tot Ion:128 Resp: 405370
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.9 10.2 15.2



#32
Benzoic acid
Concen: 37.170 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.02 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion:122 Resp: 65162
Ion Ratio Lower Upper
122 100
105 126.6 115.0 155.0
77 95.4 79.7 119.7

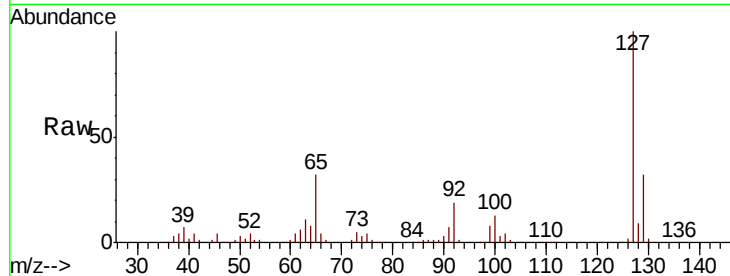




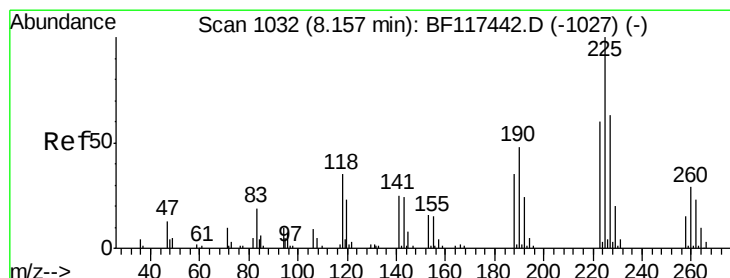
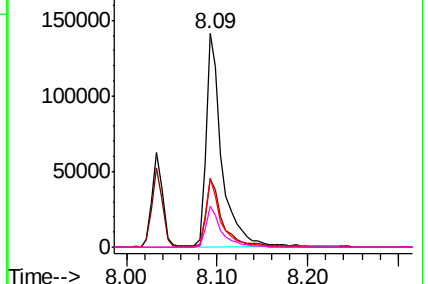
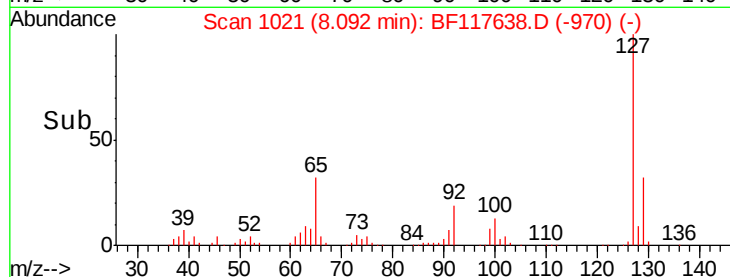
#33
4-Chloroaniline
Concen: 41.720 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	172737
Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.8	37.2
65	32.4	24.6	37.0
92	19.0	16.5	24.7

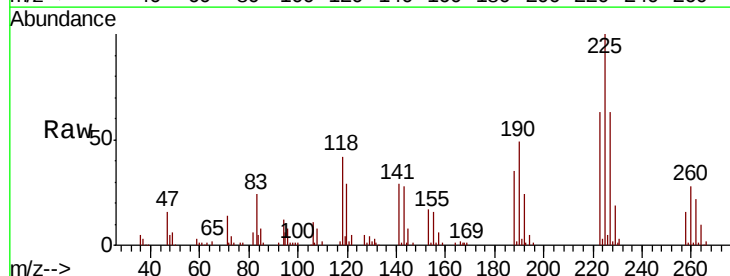


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

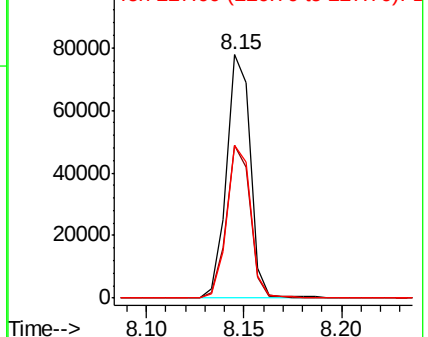
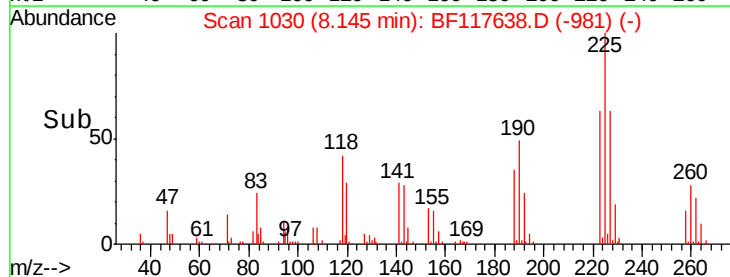


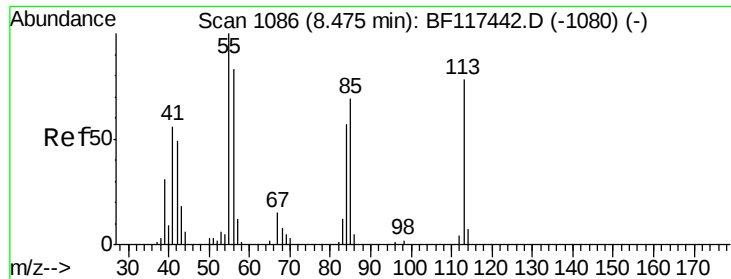
#34
Hexachlorobutadiene
Concen: 39.687 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion:	225	Resp:	66178
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.2	72.4
227	62.6	50.2	75.4



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

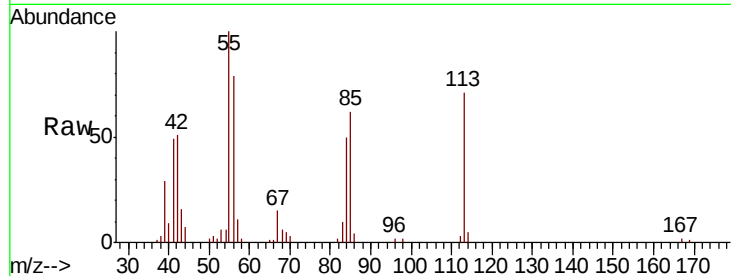




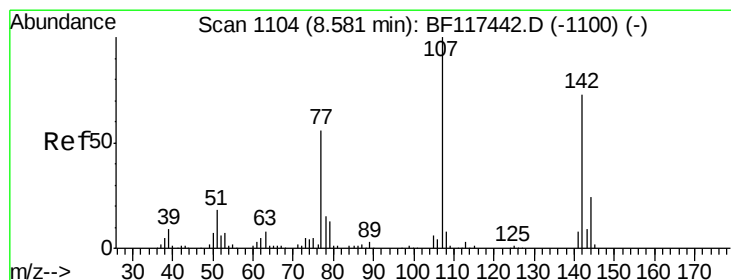
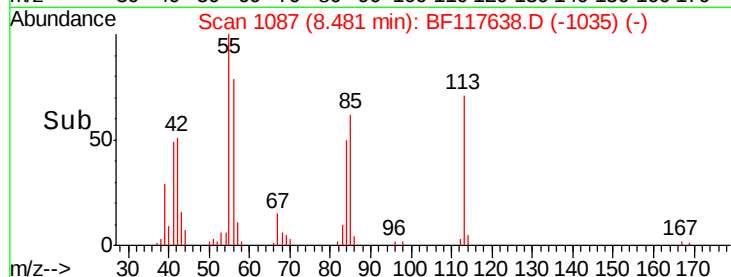
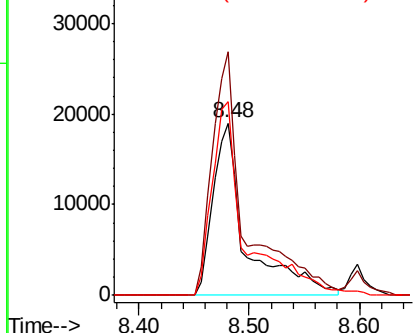
#35
 Caprolactam
 Concen: 45.958 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 39634
 Ion Ratio Lower Upper
 113 100
 55 141.5 108.8 148.8
 56 112.4 87.2 127.2

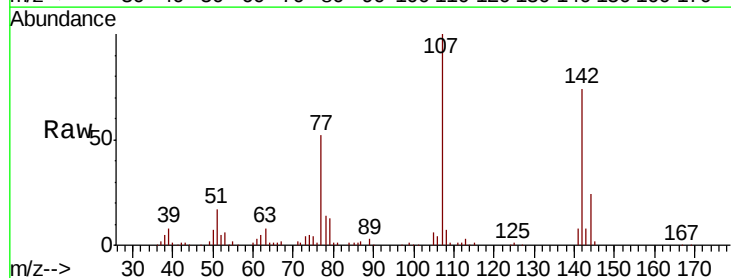


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

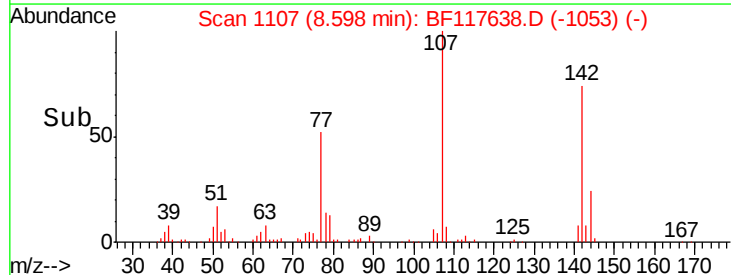
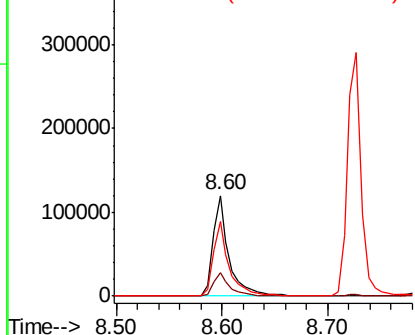


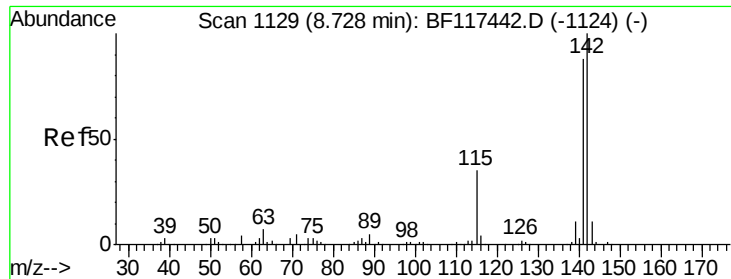
#36
 4-Chloro-3-methylphenol
 Concen: 41.685 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.02 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Tgt Ion:107 Resp: 127628
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.9 28.3
 142 74.4 58.6 88.0



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

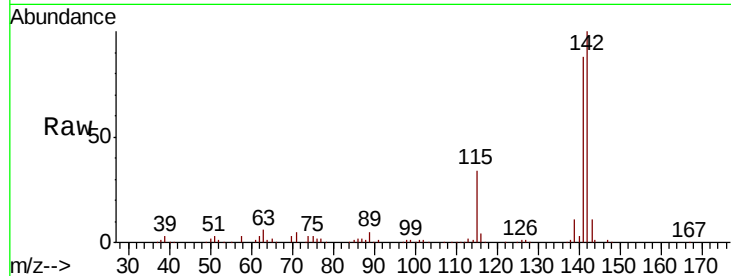




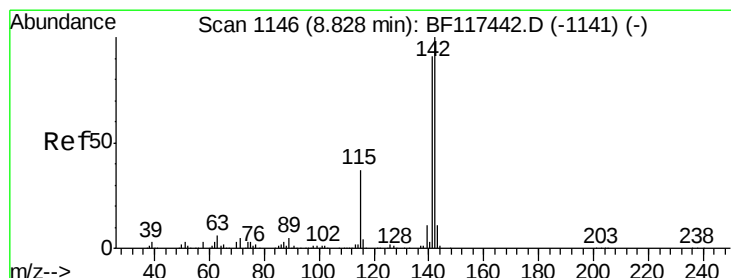
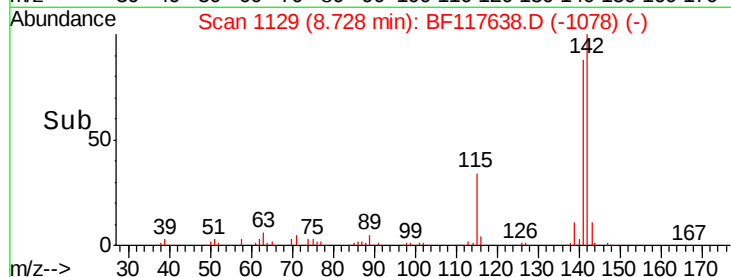
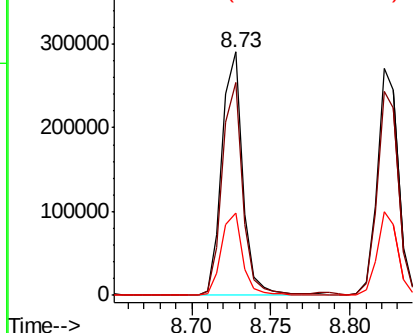
#37
 2-Methylnaphthalene
 Concen: 40.200 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 265742
 Ion Ratio Lower Upper
 142 100
 141 87.7 70.3 105.5
 115 33.7 28.2 42.2

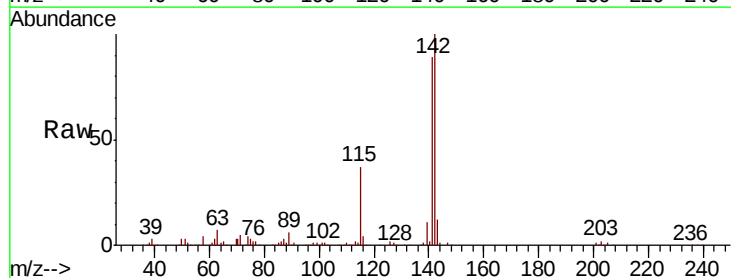


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

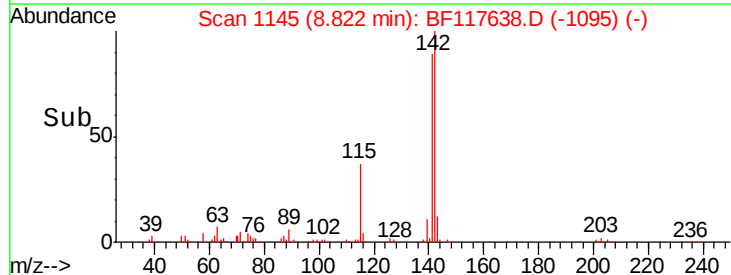
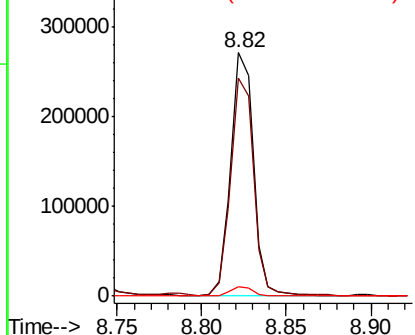


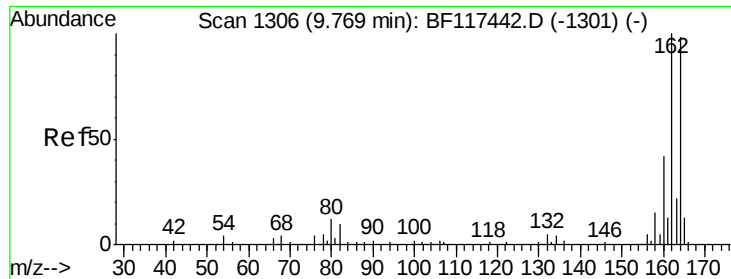
#38
 1-Methylnaphthalene
 Concen: 40.529 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Tgt Ion:142 Resp: 251754
 Ion Ratio Lower Upper
 142 100
 141 89.4 73.3 109.9
 116 3.7 3.1 4.7



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

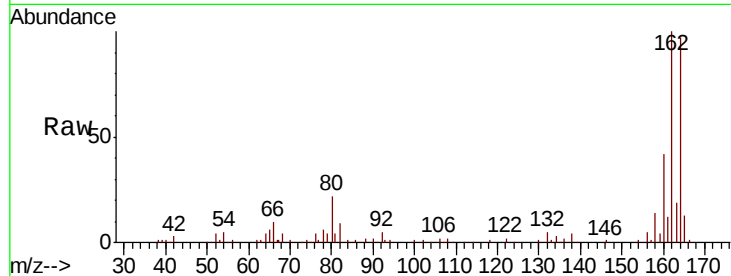
Tot Ion:164 Resp: 96358

Ion Ratio Lower Upper

164 100

162 103.4 81.8 122.6

160 43.4 34.4 51.6

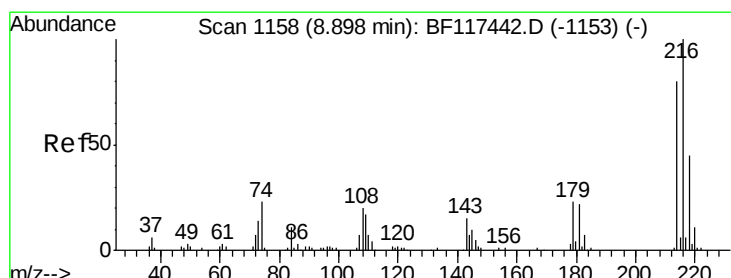
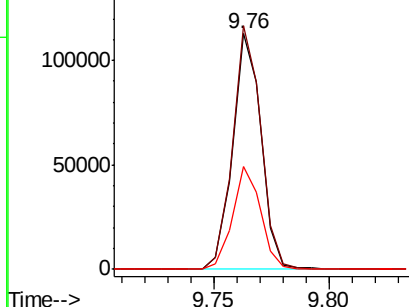
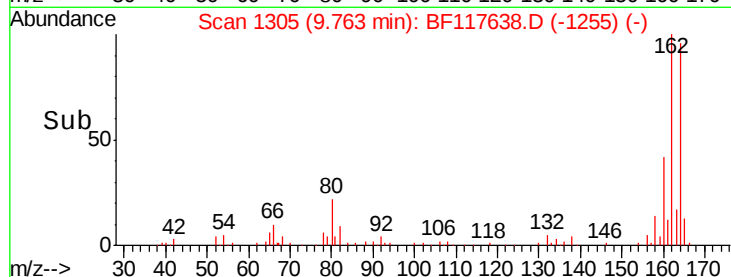


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.185 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Tgt Ion:216 Resp: 109481

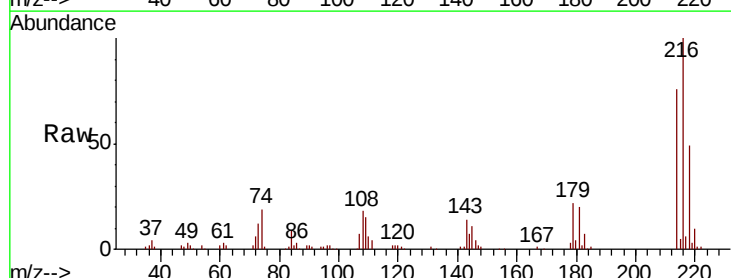
Ion Ratio Lower Upper

216 100

214 77.4 62.4 93.6

179 22.6 18.1 27.1

108 20.4 16.6 24.8



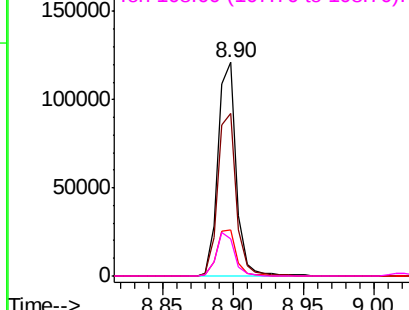
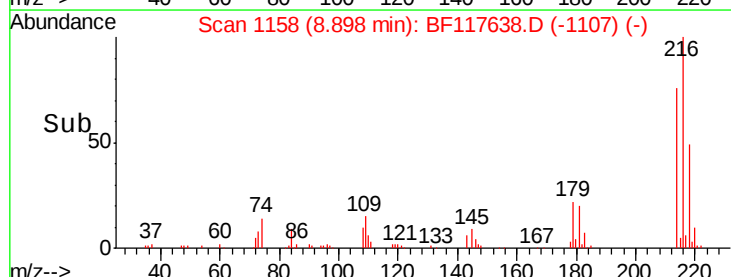
Abundance

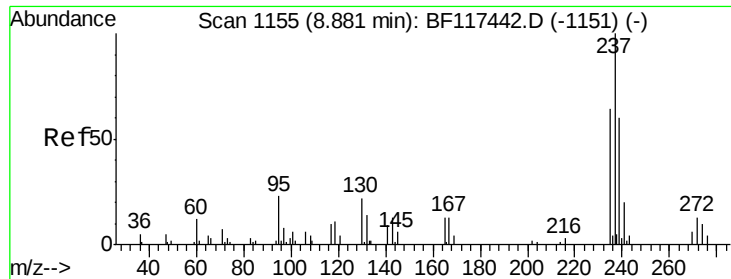
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

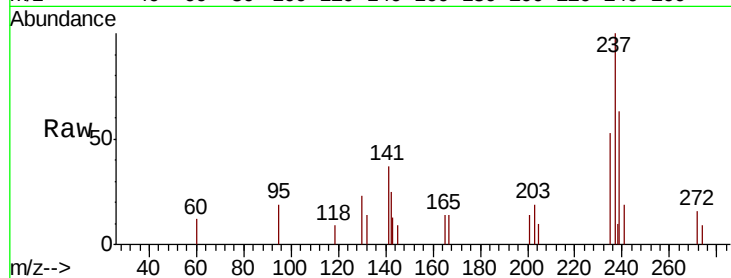




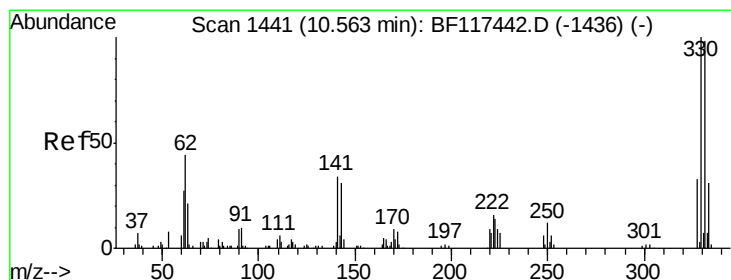
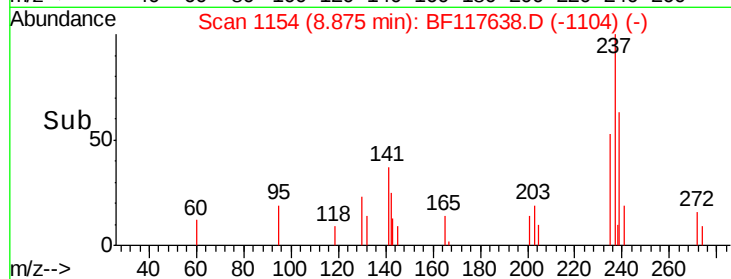
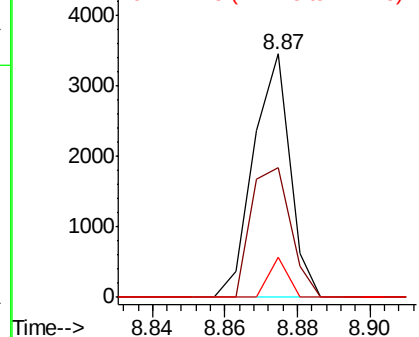
#41
Hexachlorocyclopentadiene
Concen: 14.468 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:237 Resp: 2404
Ion Ratio Lower Upper
237 100
235 53.4 44.3 84.3
272 16.3 0.0 33.2

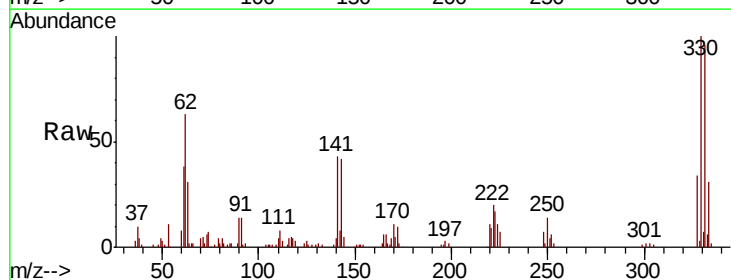


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

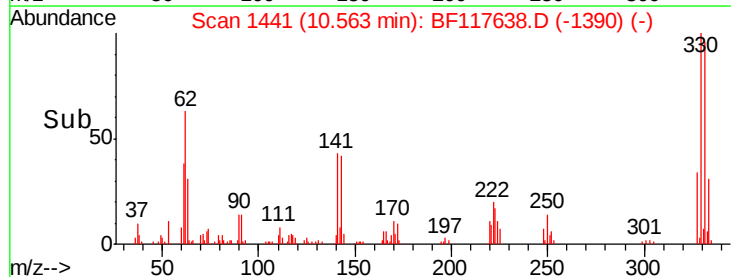
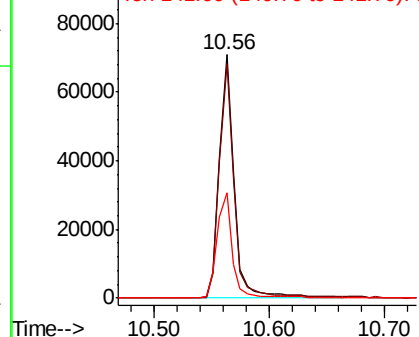


#42
2,4,6-Tribromophenol
Concen: 76.124 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion:330 Resp: 63468
Ion Ratio Lower Upper
330 100
332 96.8 78.5 117.7
141 44.2 37.0 55.6



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

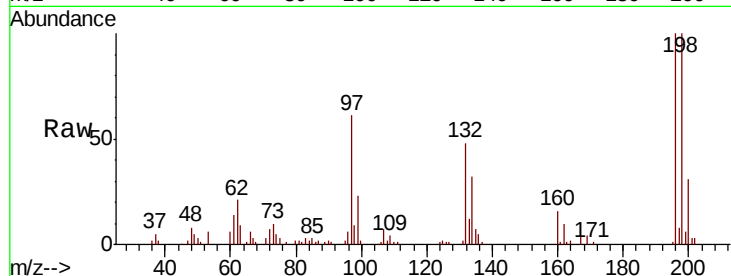




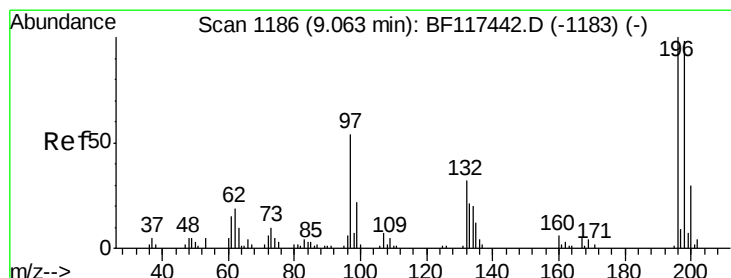
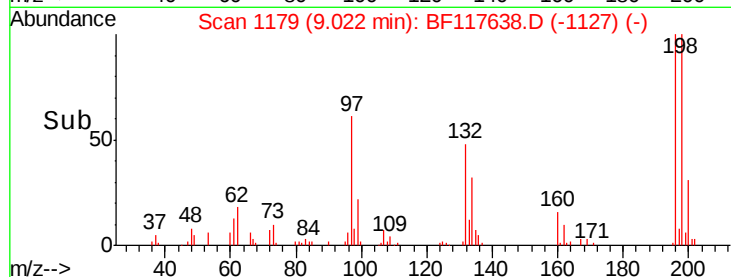
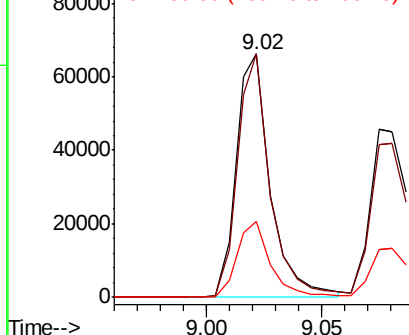
#43
 2,4,6-Trichlorophenol
 Concen: 41.869 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 68047
 Ion Ratio Lower Upper
 196 100
 198 100.0 74.1 111.1
 200 31.1 23.9 35.9

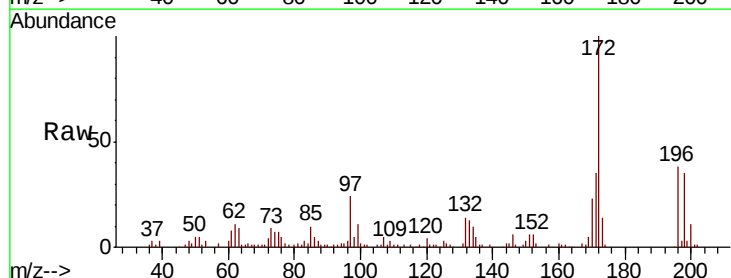


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

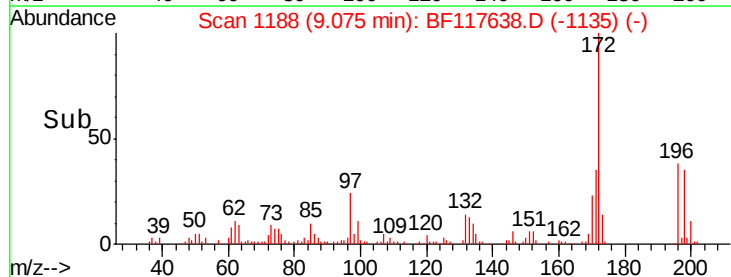
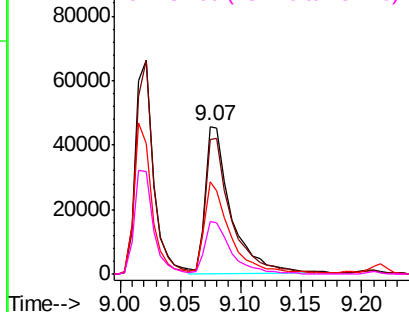


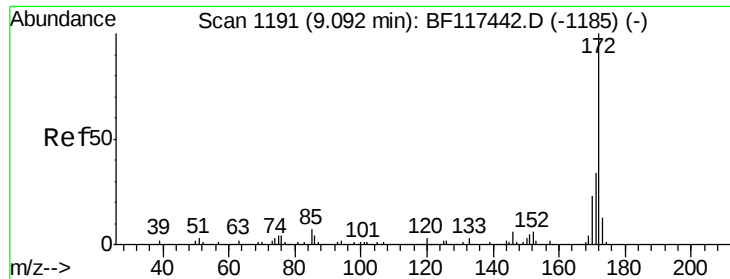
#44
 2,4,5-Trichlorophenol
 Concen: 40.848 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Tgt Ion:196 Resp: 67272
 Ion Ratio Lower Upper
 196 100
 198 90.8 78.6 117.8
 97 62.9 43.4 65.2
 132 35.7 26.0 39.0



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

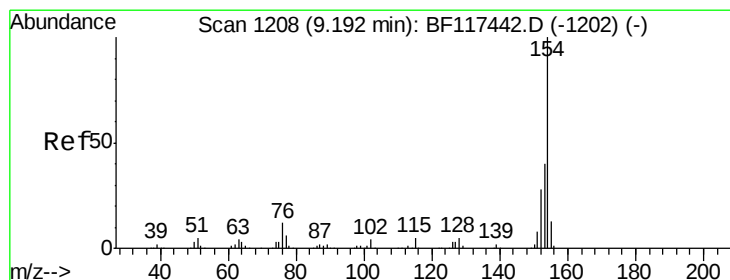
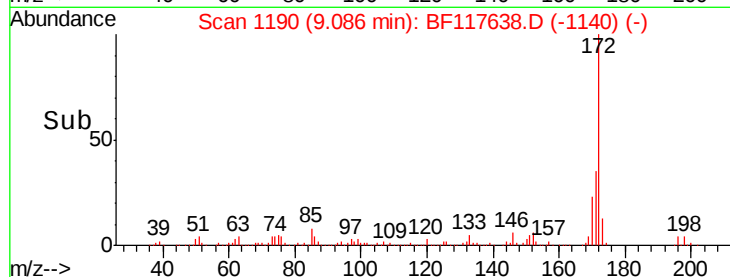
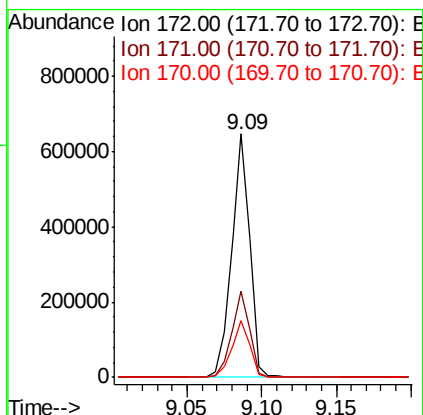
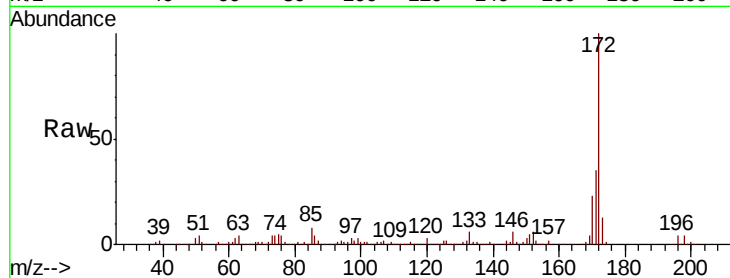




#45
2-Fluorobiphenyl
Concen: 81.085 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

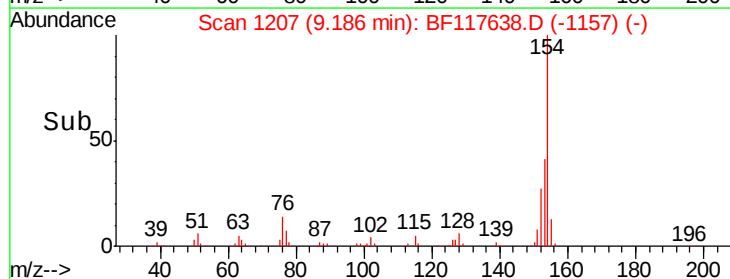
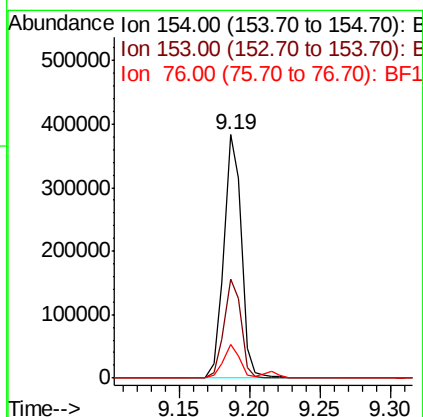
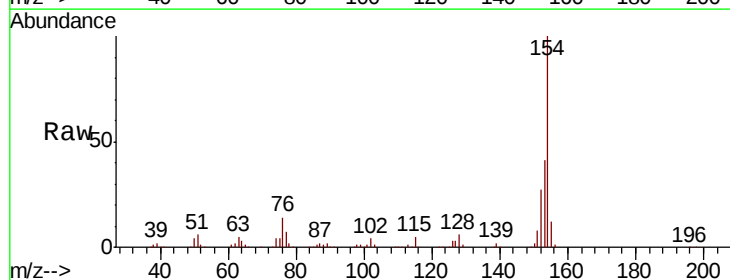
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

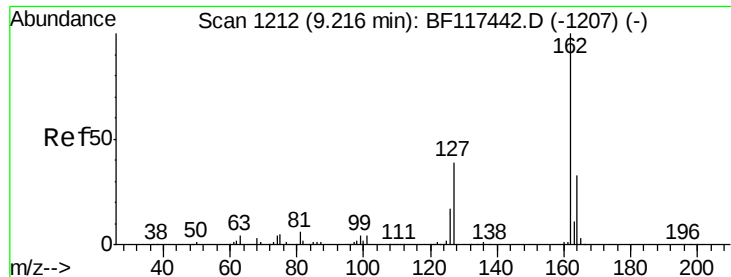
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.5	41.3
170	23.1	18.6	27.8



#46
1,1'-Biphenyl
Concen: 41.774 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.2	60.2
76	13.6	0.0	32.1

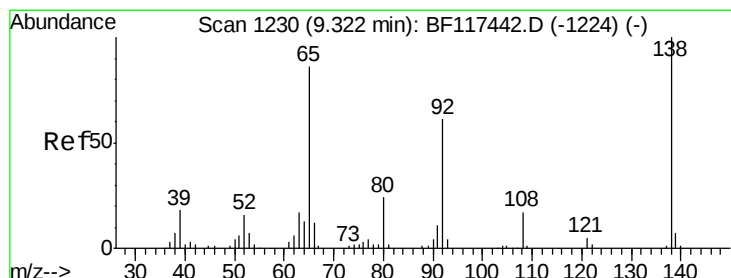
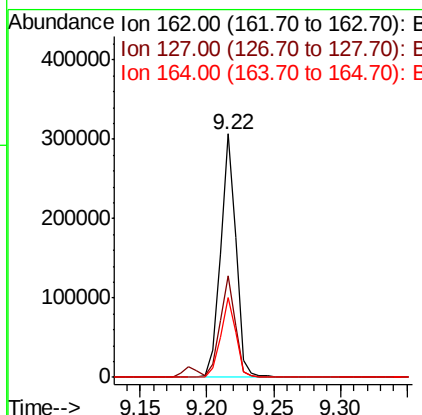
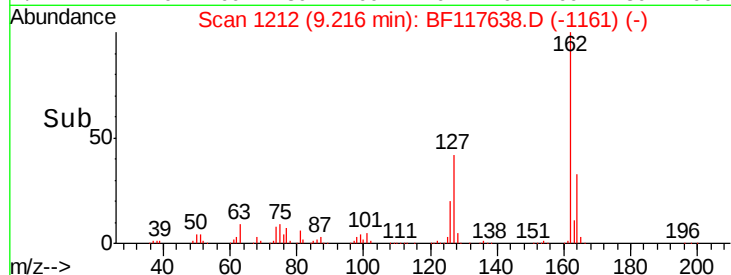
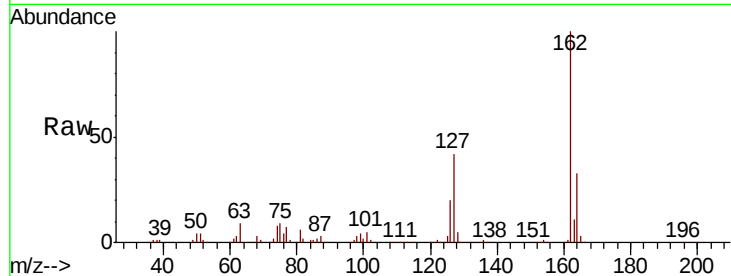




#47
 2-Chloronaphthalene
 Concen: 41.762 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

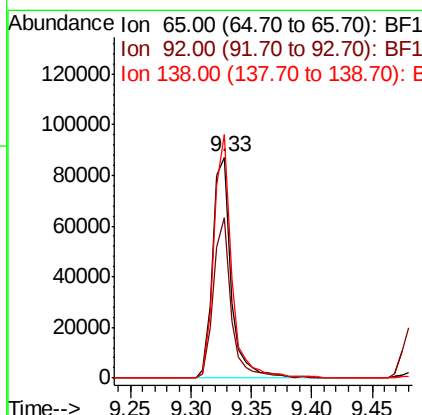
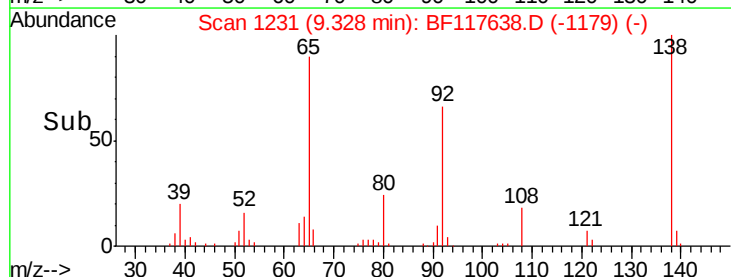
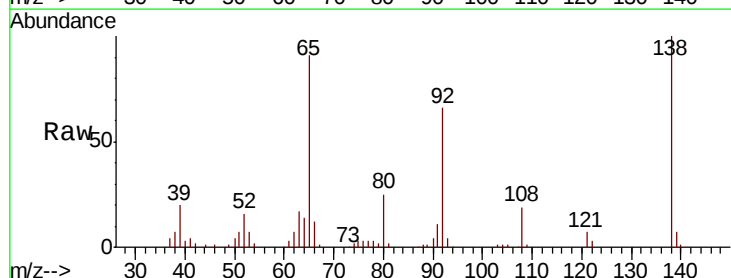
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	34.2	51.4
164	32.6	26.4	39.6



#48
 2-Nitroaniline
 Concen: 46.596 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	57.3	85.9
138	110.3	93.3	139.9





#49

Acenaphthylene

Concen: 42.354 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

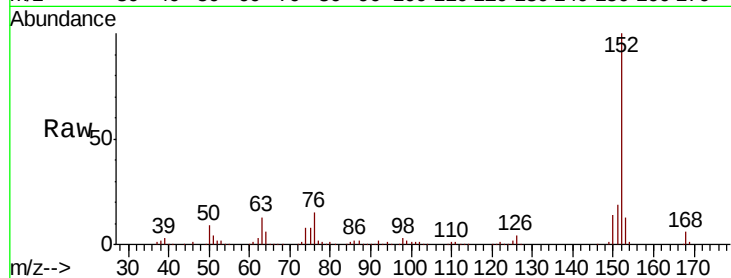
Tot Ion:152 Resp: 374179

Ion Ratio Lower Upper

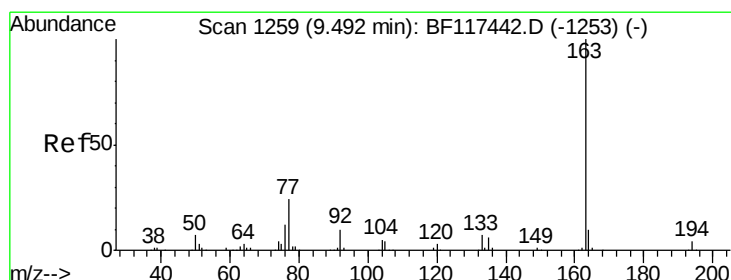
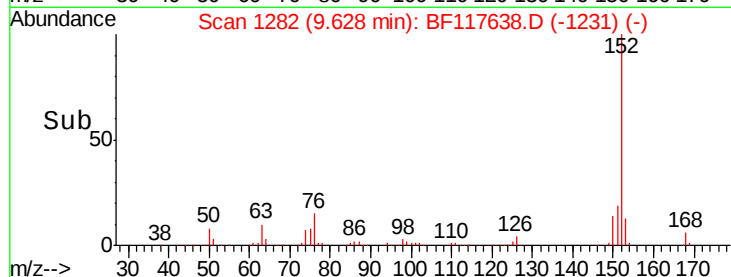
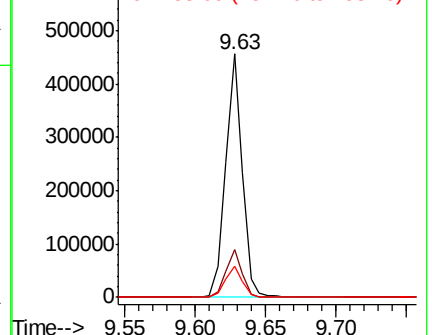
152 100

151 19.5 15.4 23.0

153 13.0 10.3 15.5



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: 41.352 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

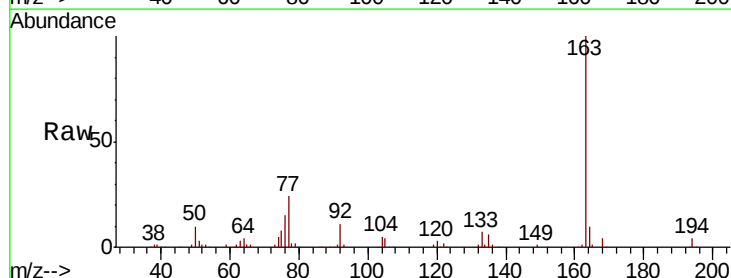
Tgt Ion:163 Resp: 284059

Ion Ratio Lower Upper

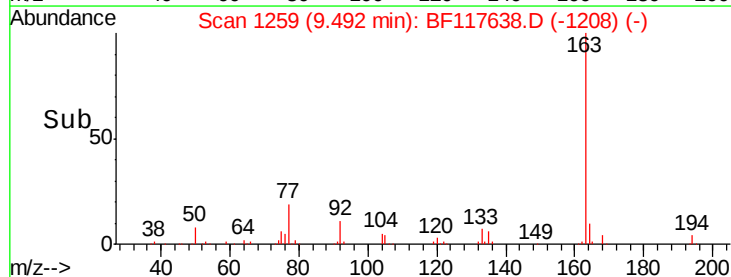
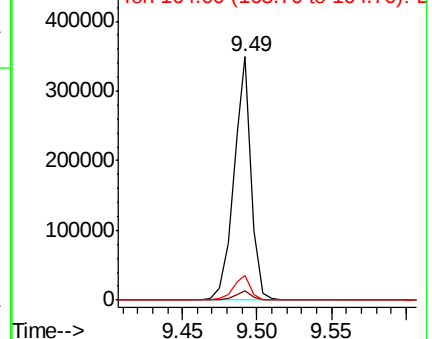
163 100

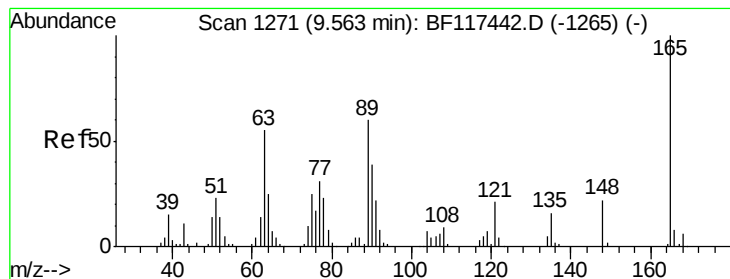
194 3.8 2.9 4.3

164 10.0 8.2 12.2



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: 39.847 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

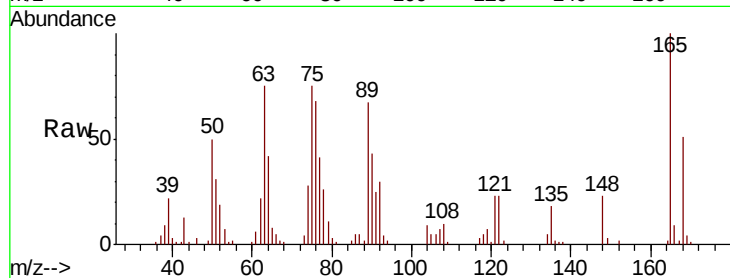
Tot Ion:165 Resp: 57119

Ion Ratio Lower Upper

165 100

63 74.6 43.8 65.8#

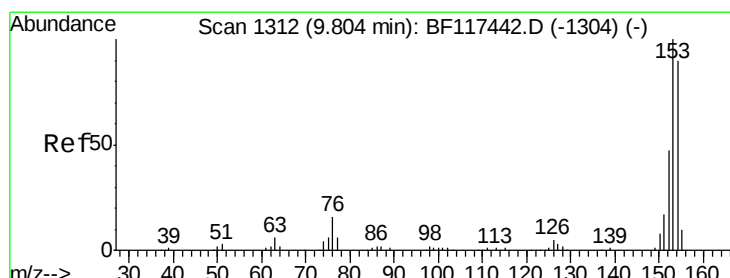
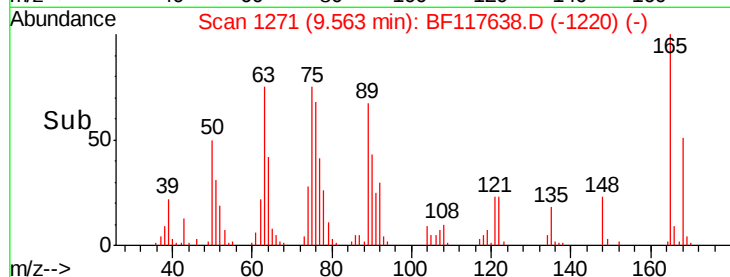
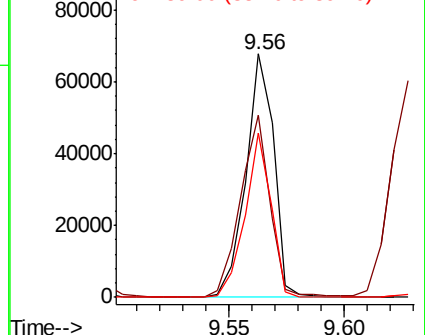
89 67.4 47.6 71.4



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: 41.182 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

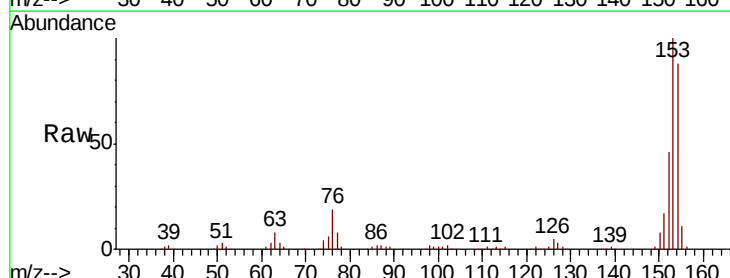
Tgt Ion:154 Resp: 223216

Ion Ratio Lower Upper

154 100

153 114.0 89.2 133.8

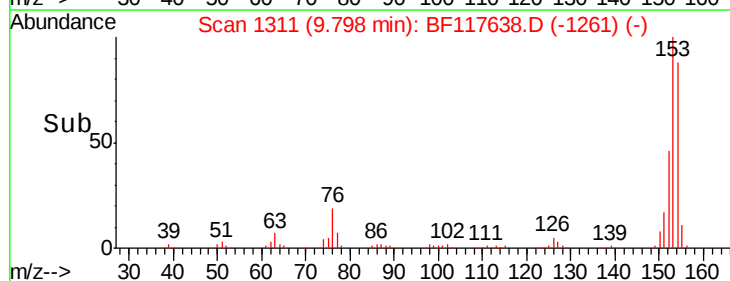
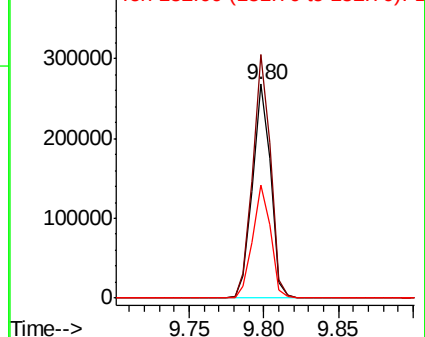
152 52.7 41.8 62.6

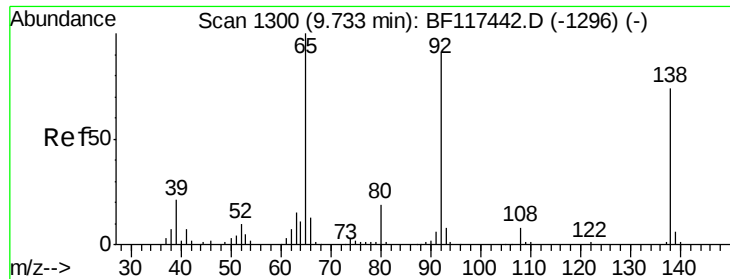


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

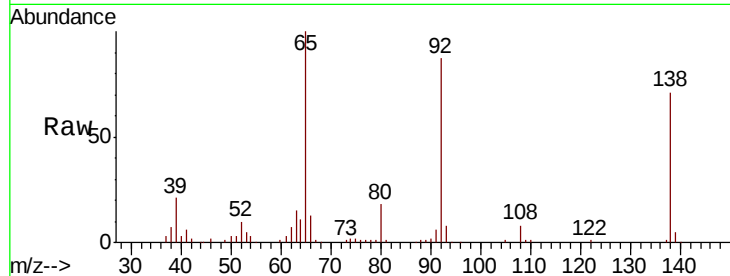




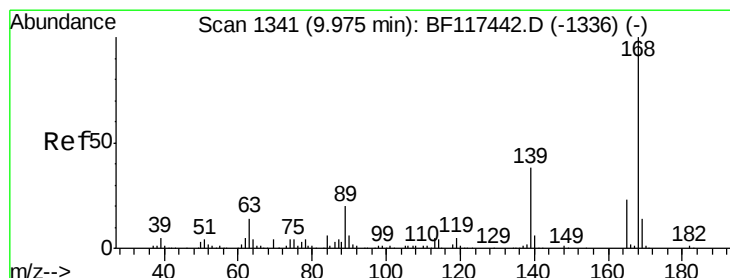
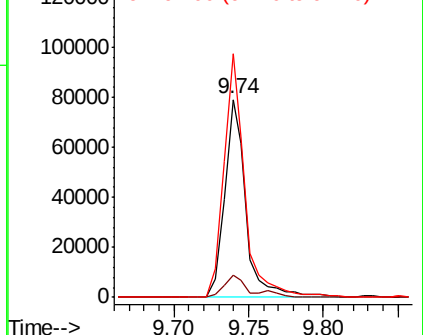
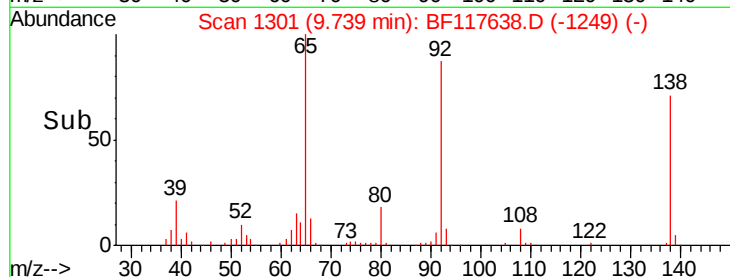
#53
3-Nitroaniline
Concen: 46.011 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 80025
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 122.9 98.4 147.6

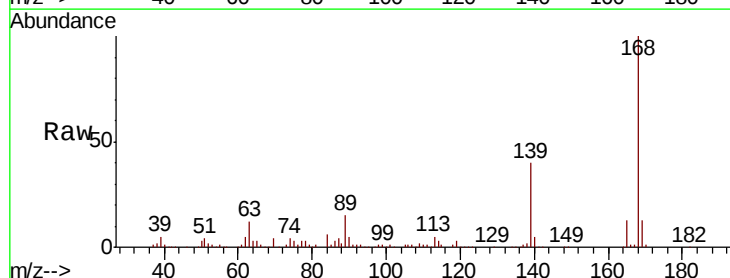


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

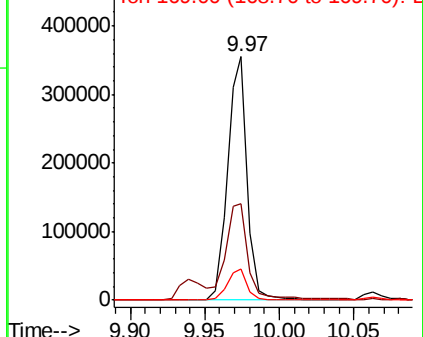
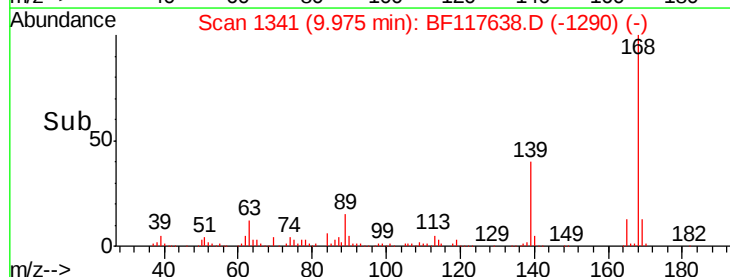


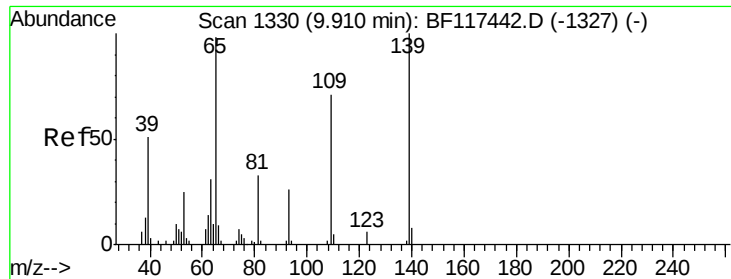
#55
Dibenzofuran
Concen: 41.896 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion:168 Resp: 329004
Ion Ratio Lower Upper
168 100
139 39.8 31.8 47.6
169 12.8 11.2 16.8



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

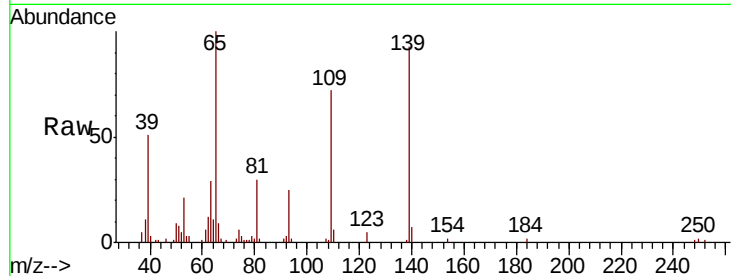




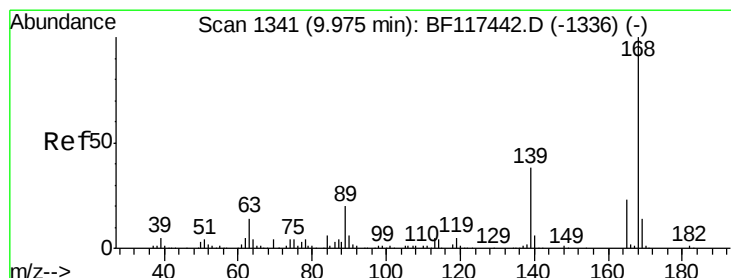
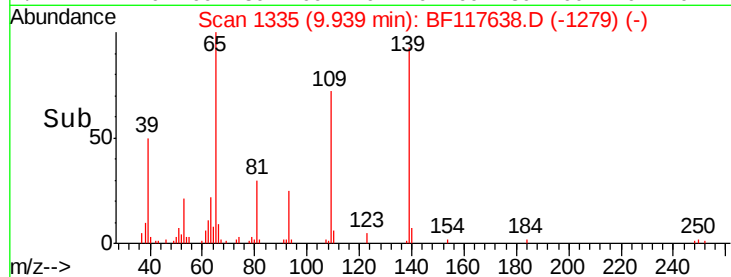
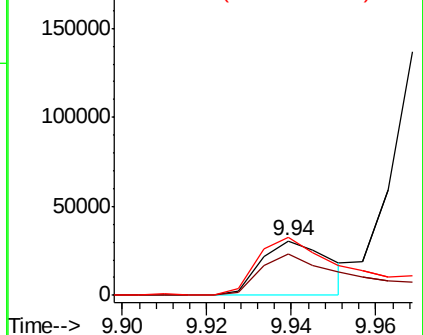
#56
4-Nitrophenol
Concen: 45.285 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.03 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 34742
Ion Ratio Lower Upper
139 100
109 76.6 51.4 91.4
65 107.0 79.4 119.4

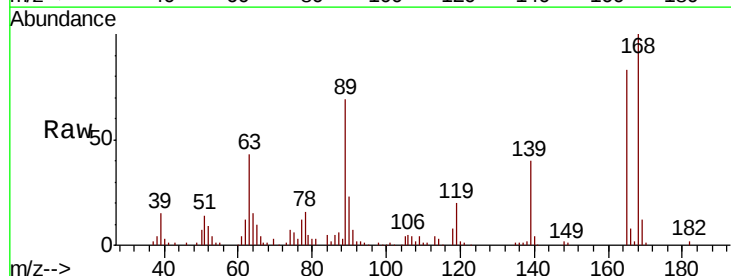


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

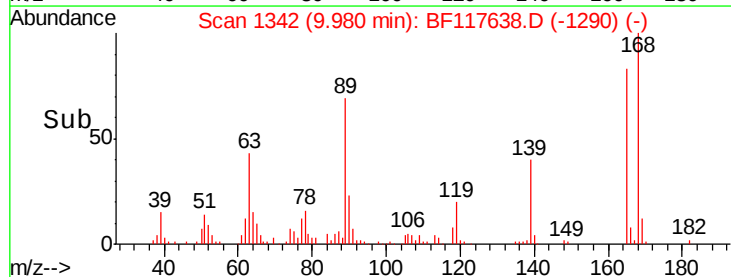
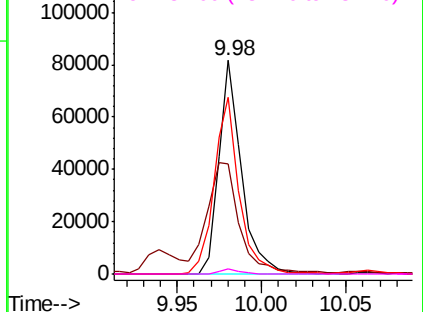


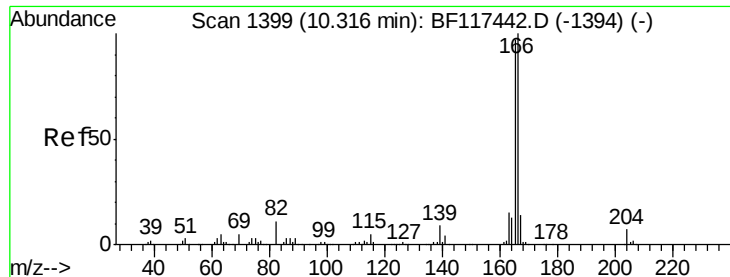
#57
2,4-Dinitrotoluene
Concen: 40.241 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion:165 Resp: 76691
Ion Ratio Lower Upper
165 100
63 51.7 51.4 77.0
89 82.6 69.9 104.9
182 2.7 1.9 2.9



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
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 41.324 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

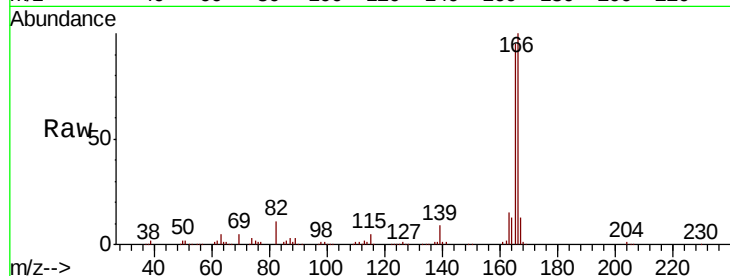
Tot Ion:166 Resp: 268357

Ion Ratio Lower Upper

166 100

165 94.6 77.6 116.4

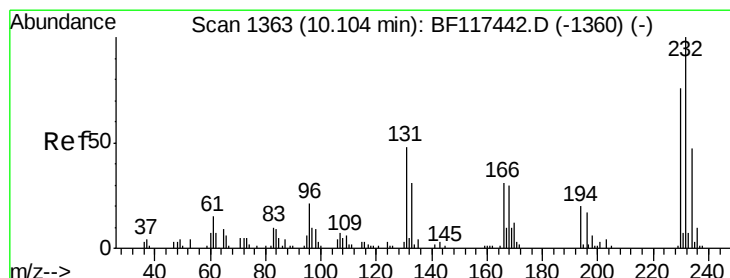
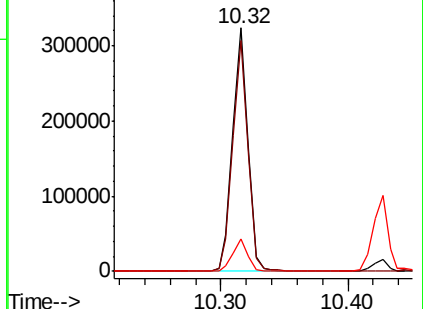
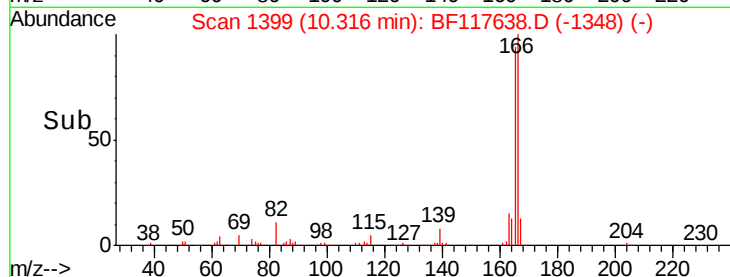
167 13.2 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 37.682 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Tgt Ion:232 Resp: 48775

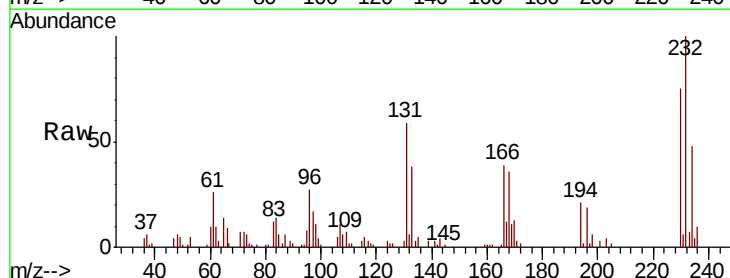
Ion Ratio Lower Upper

232 100

131 57.5 42.6 63.8

130 2.6 2.2 3.4

166 35.1 27.5 41.3

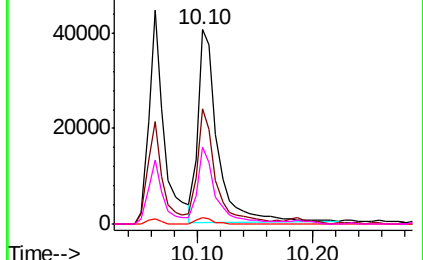
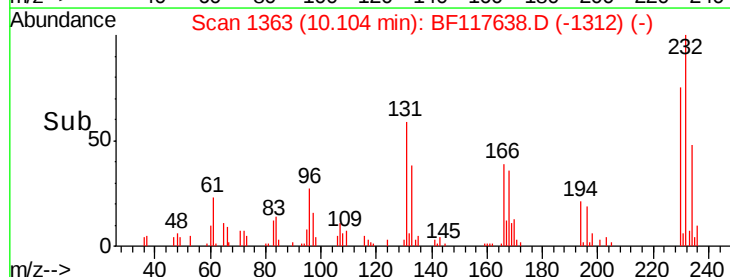


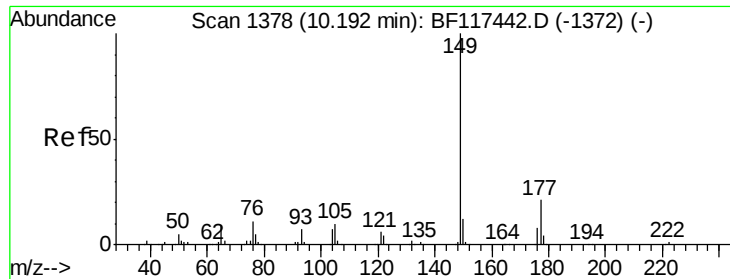
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#60

Diethylphthalate

Concen: 41.754 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

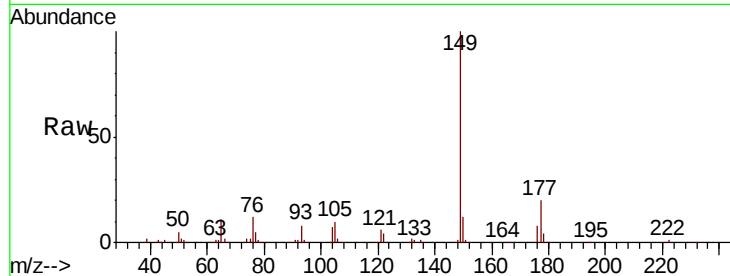
Tot Ion:149 Resp: 290111

Ion Ratio Lower Upper

149 100

177 19.6 17.0 25.4

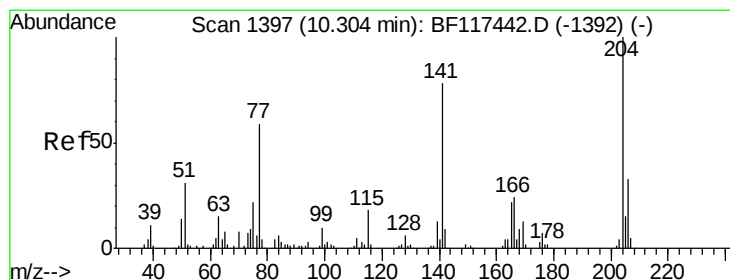
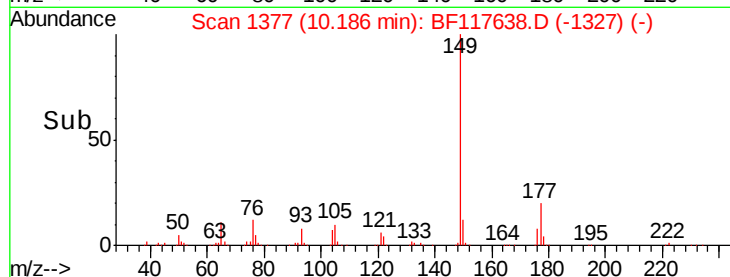
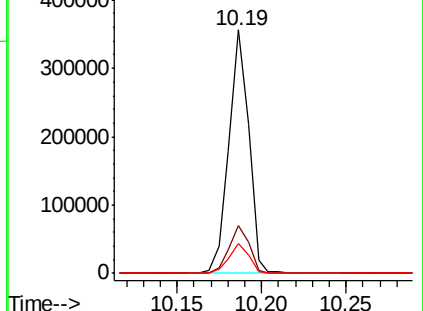
150 12.3 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 40.640 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

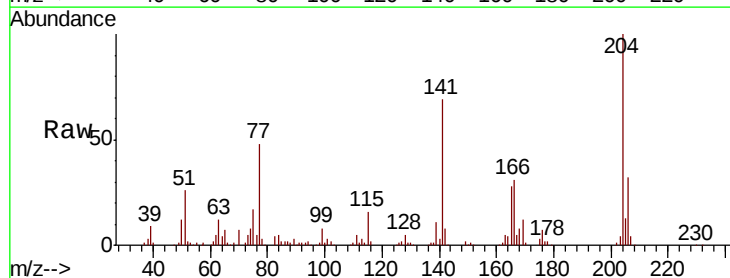
Tgt Ion:204 Resp: 118405

Ion Ratio Lower Upper

204 100

206 32.4 26.3 39.5

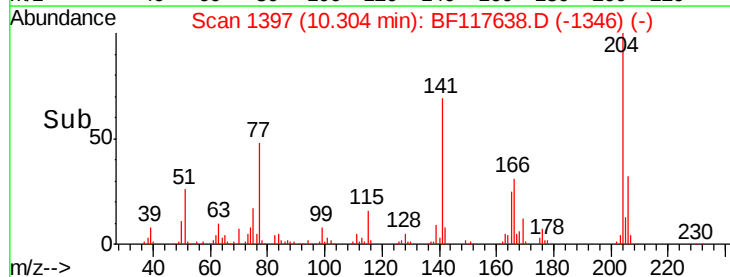
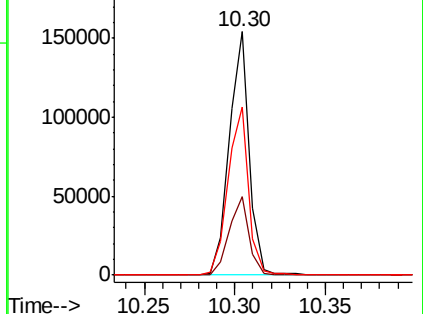
141 68.8 62.2 93.4

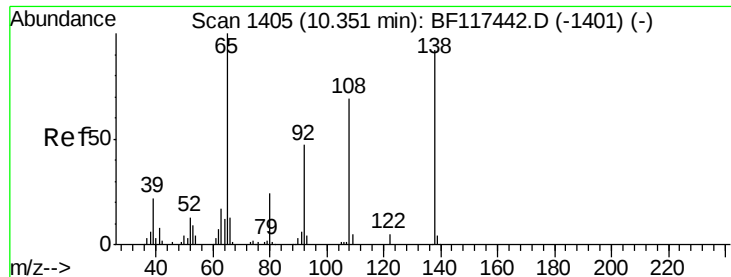


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 46.705 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

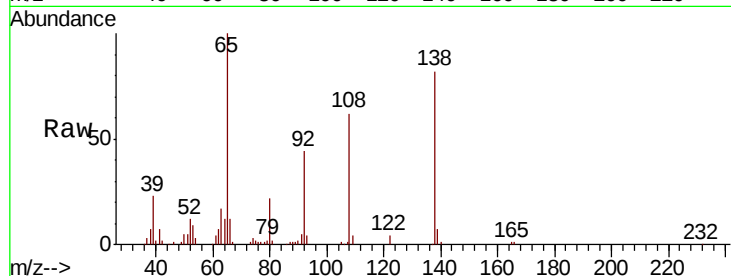
Tot Ion:138 Resp: 76566

Ion Ratio Lower Upper

138 100

92 53.5 30.3 70.3

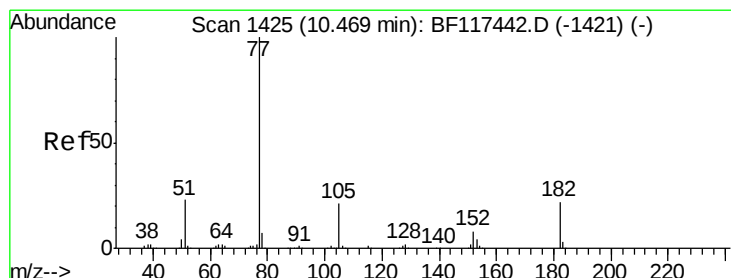
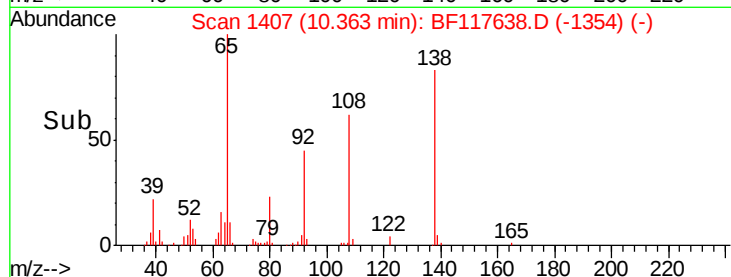
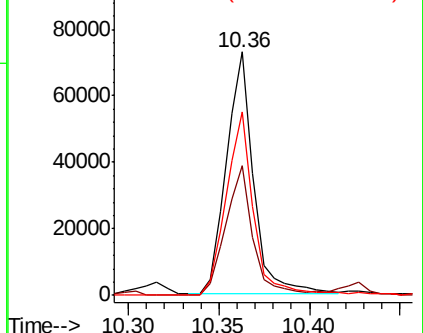
108 75.3 54.9 94.9



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: 41.339 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Tgt Ion: 77 Resp: 294032

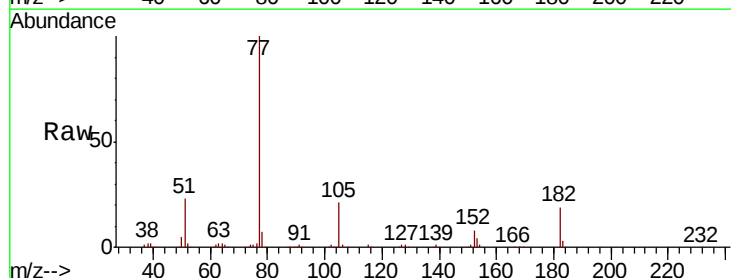
Ion Ratio Lower Upper

77 100

182 19.4 2.3 42.3

105 21.2 1.3 41.3

51 23.4 3.5 43.5

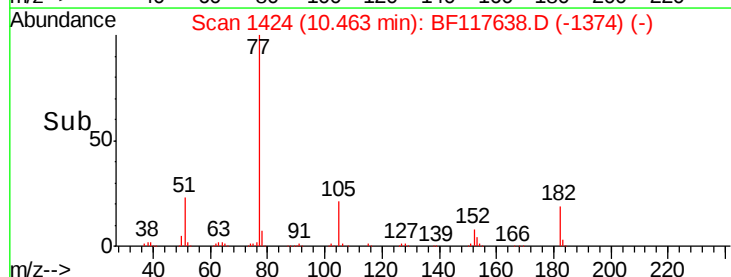
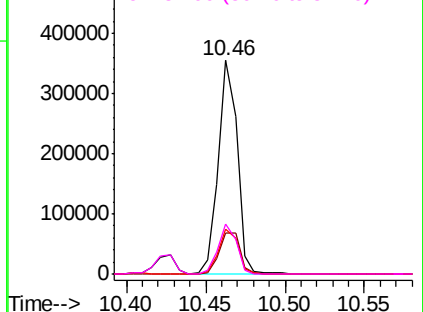


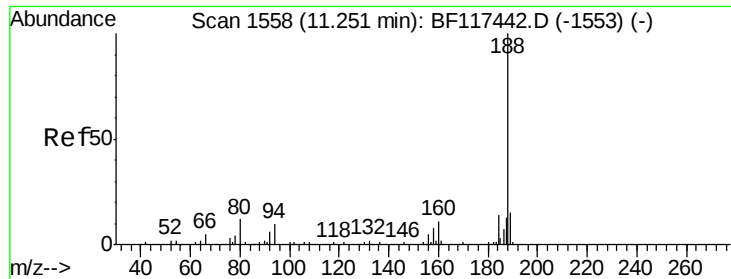
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

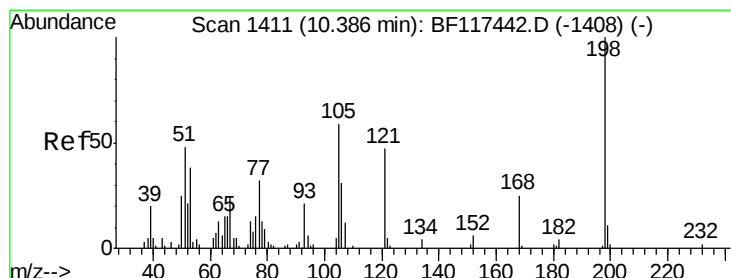
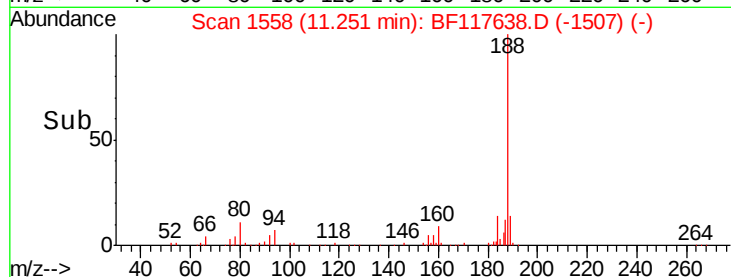
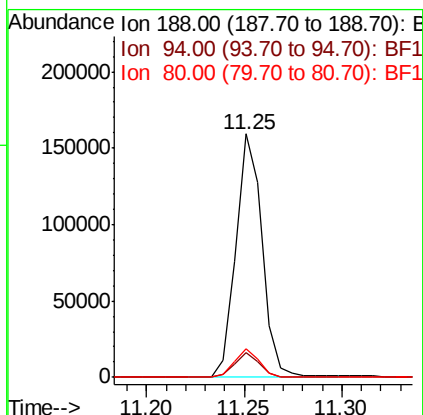
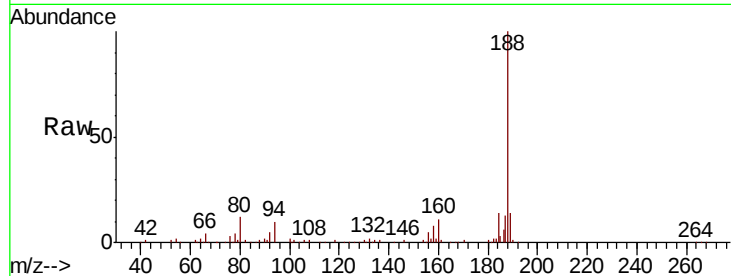




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

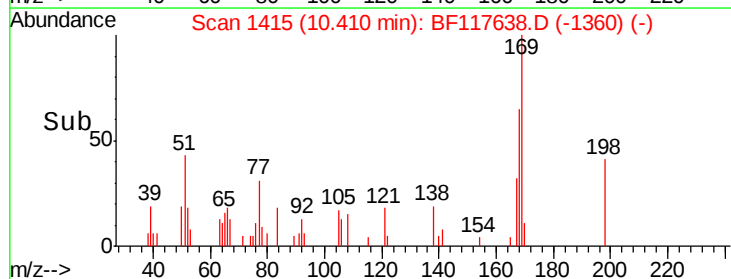
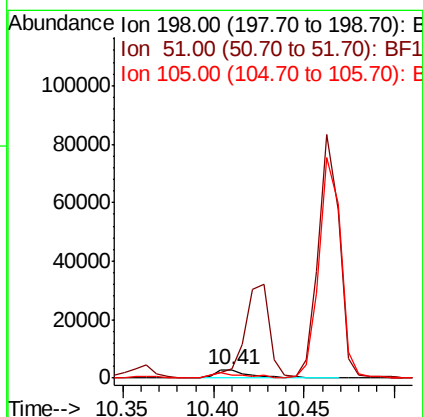
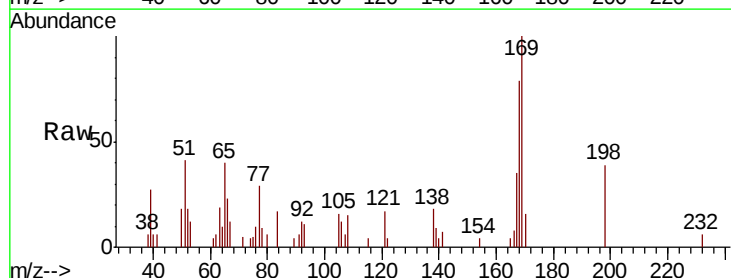
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

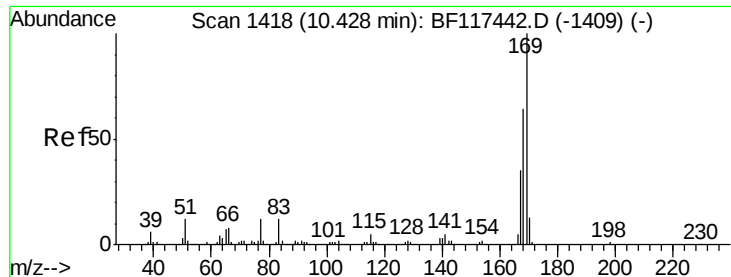
Tot Ion:188 Resp: 147769
Ion Ratio Lower Upper
188 100
94 10.1 8.0 12.0
80 11.6 9.5 14.3



#65
4,6-Dinitro-2-methylphenol
Concen: 5.184 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.02 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion:198 Resp: 3895
Ion Ratio Lower Upper
198 100
51 105.5 29.1 69.1#
105 41.7 39.4 79.4

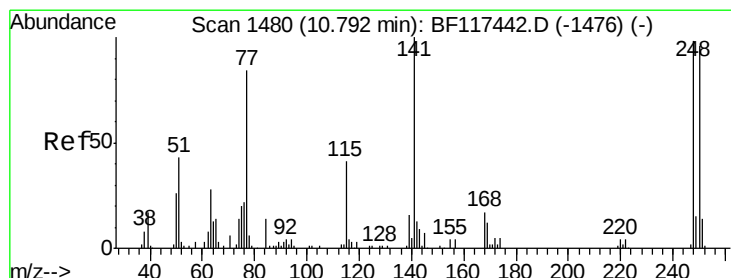
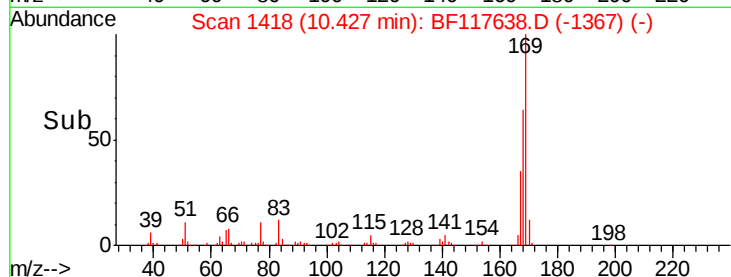
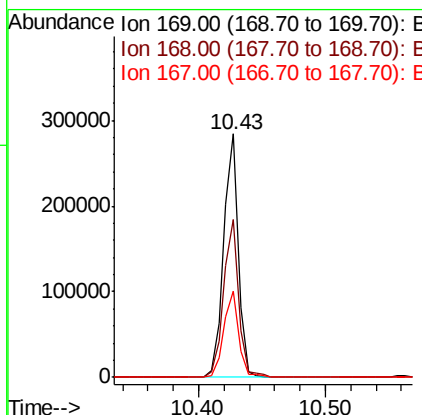
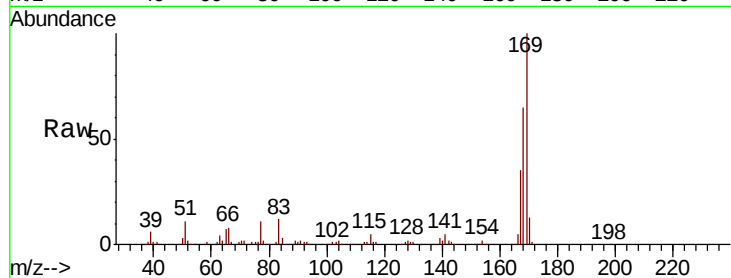




#66
 n-Nitrosodiphenylamine
 Concen: 42.647 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

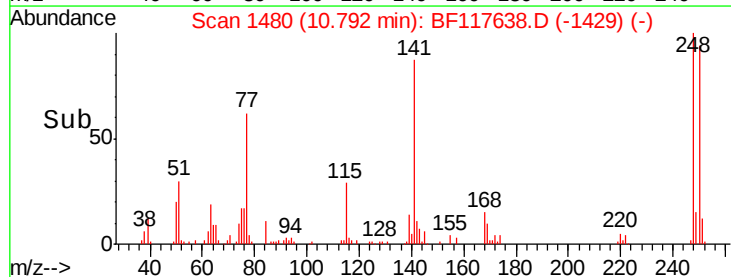
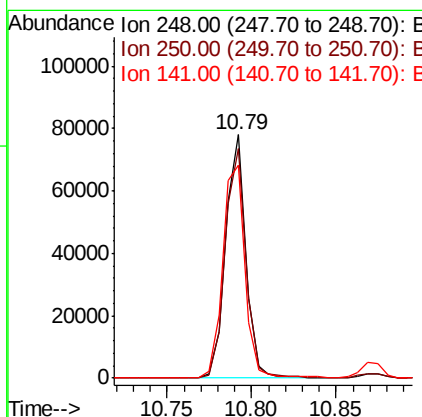
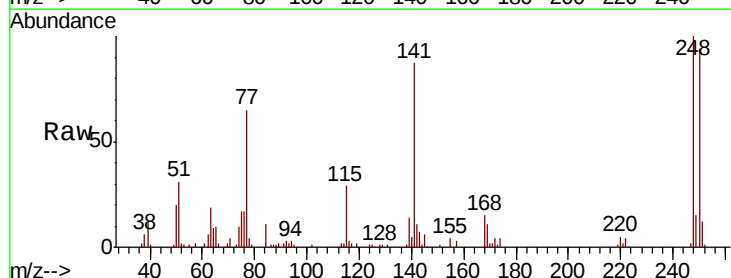
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

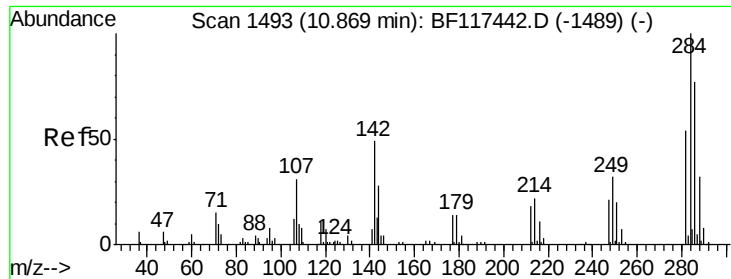
Tot Ion:169 Resp: 230382
 Ion Ratio Lower Upper
 169 100
 168 65.0 51.3 76.9
 167 35.3 28.2 42.4



#67
 4-Bromophenyl-phenylether
 Concen: 40.729 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Tgt Ion:248 Resp: 64826
 Ion Ratio Lower Upper
 248 100
 250 94.3 78.0 117.0
 141 87.3 81.7 122.5

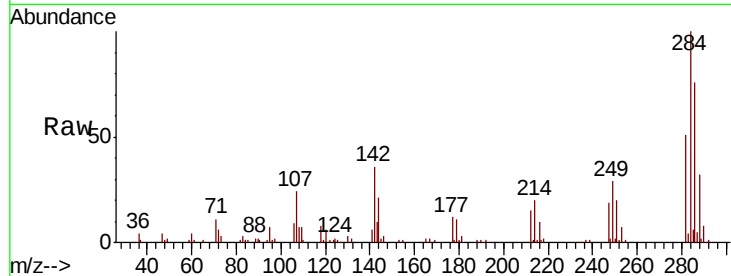




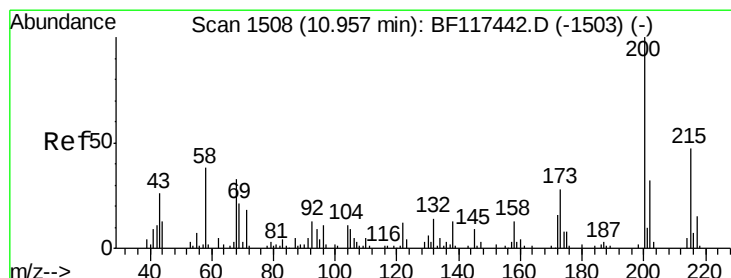
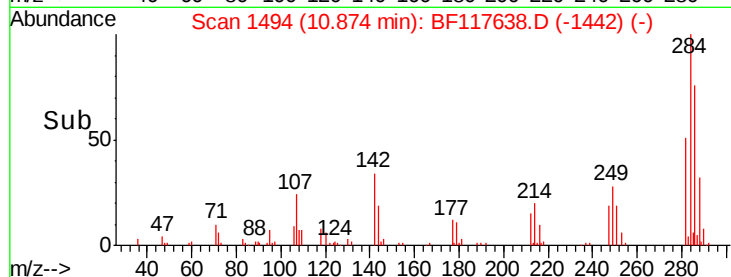
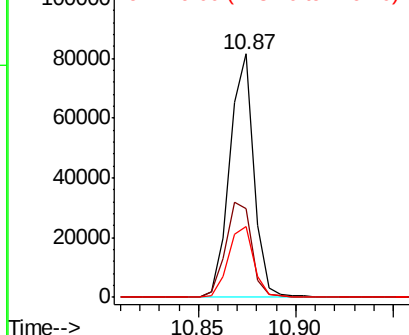
#68
Hexachlorobenzene
Concen: 41.128 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 70106
Ion Ratio Lower Upper
284 100
142 36.4 39.0 58.6#
249 29.0 25.7 38.5

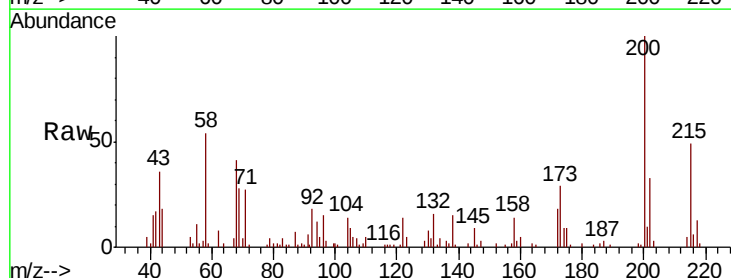


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

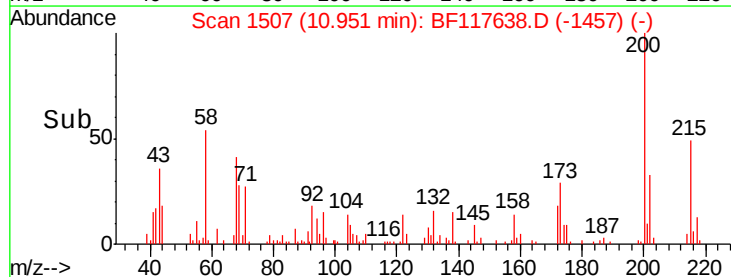
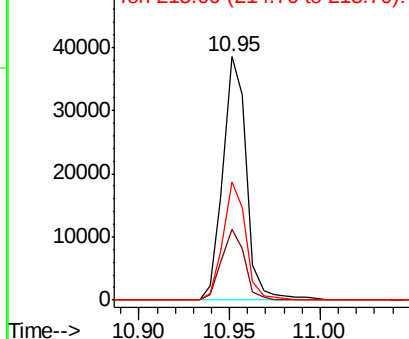


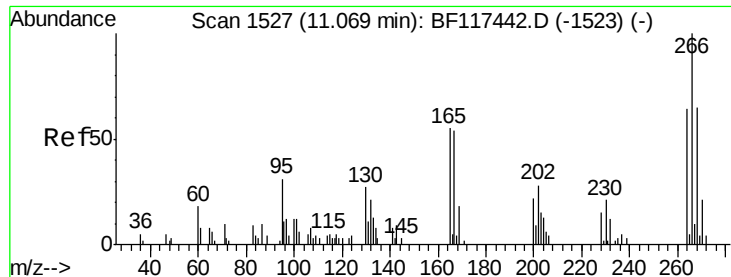
#69
Atrazine
Concen: 25.341 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion:200 Resp: 34830
Ion Ratio Lower Upper
200 100
173 29.0 8.2 48.2
215 48.6 26.8 66.8



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

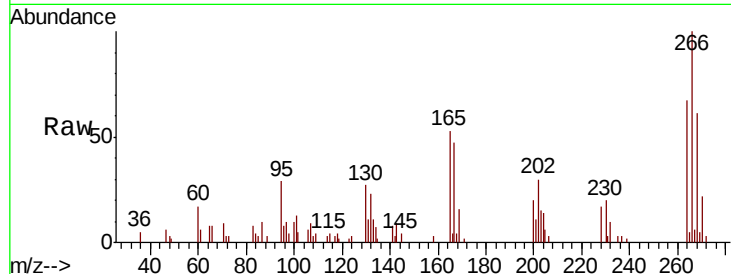




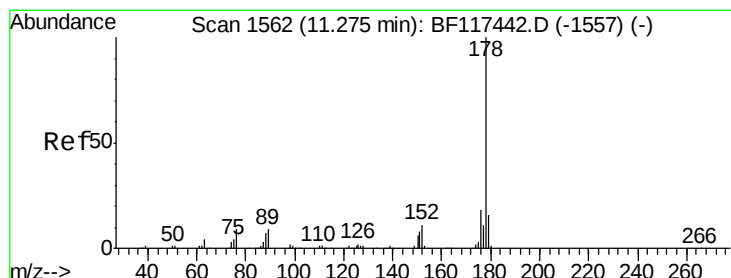
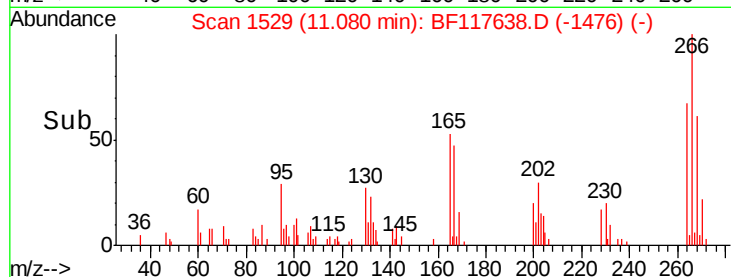
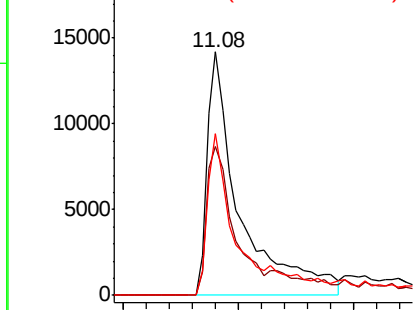
#70
 Pentachlorophenol
 Concen: 54.580 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 27890
 Ion Ratio Lower Upper
 266 100
 268 61.0 51.6 77.4
 264 66.7 51.4 77.2

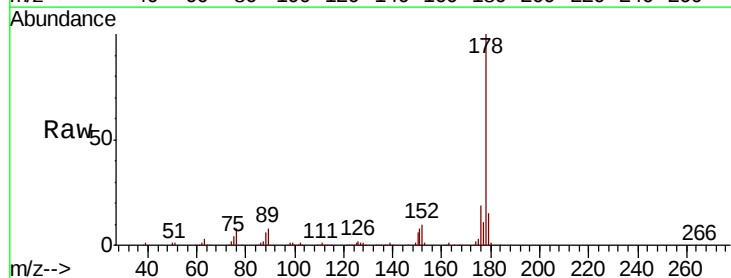


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

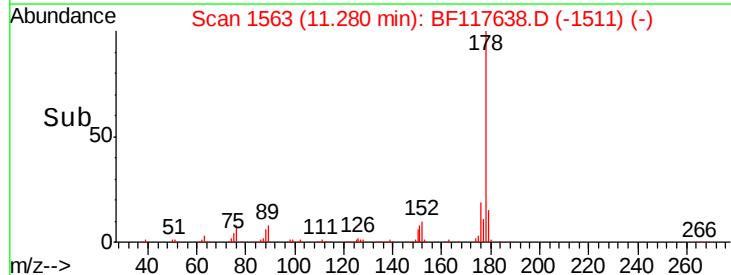
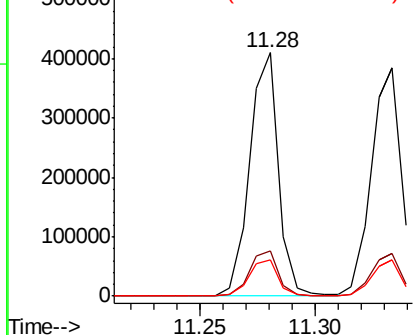


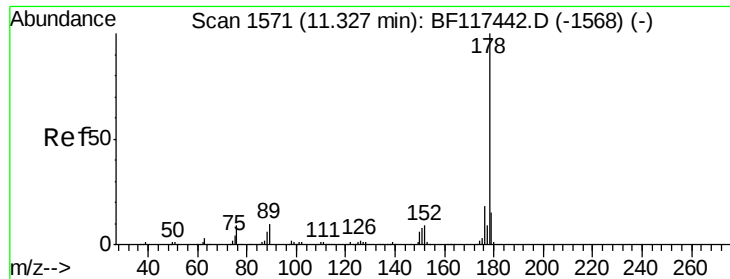
#71
 Phenanthrene
 Concen: 41.535 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Tgt Ion:178 Resp: 356387
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.6 22.0
 179 14.9 12.6 19.0



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

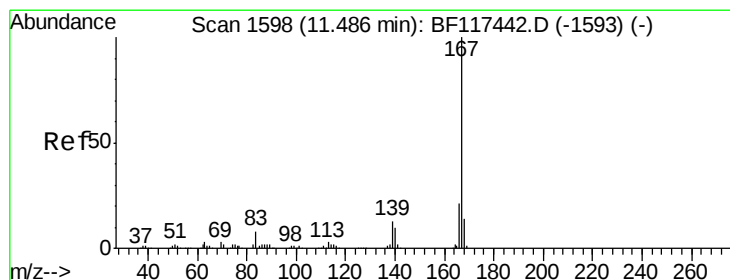
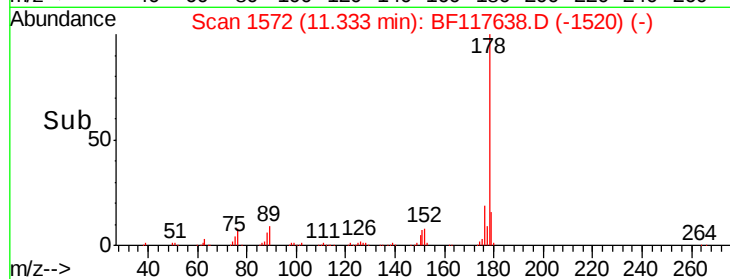
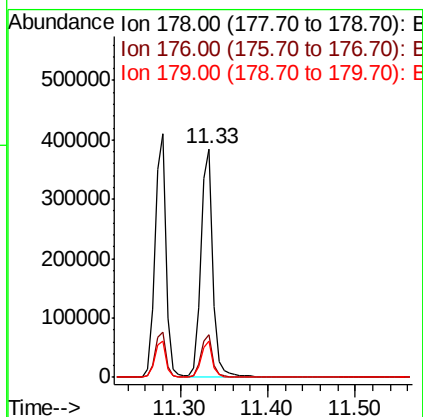
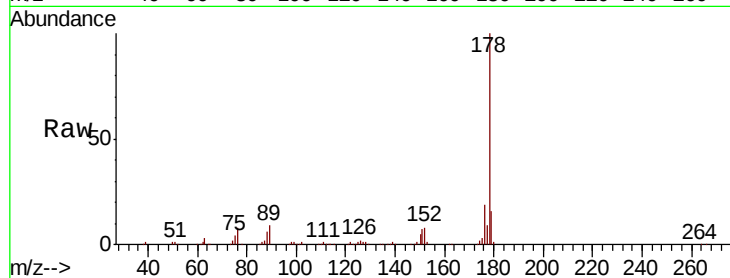




#72
 Anthracene
 Concen: 41.551 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

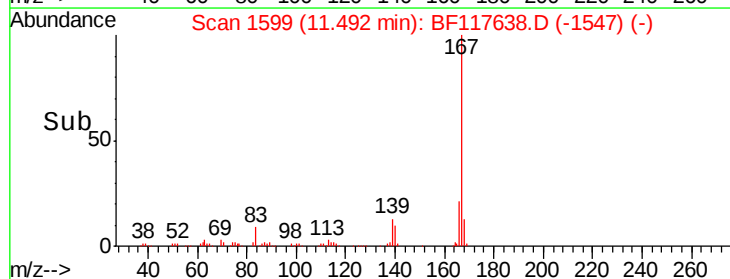
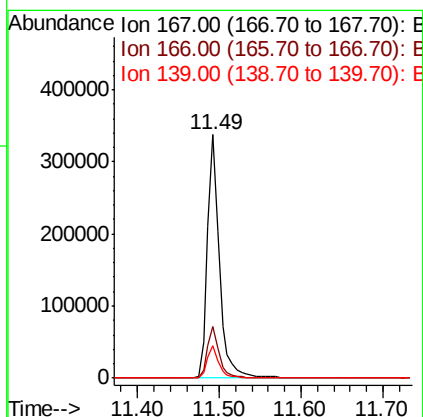
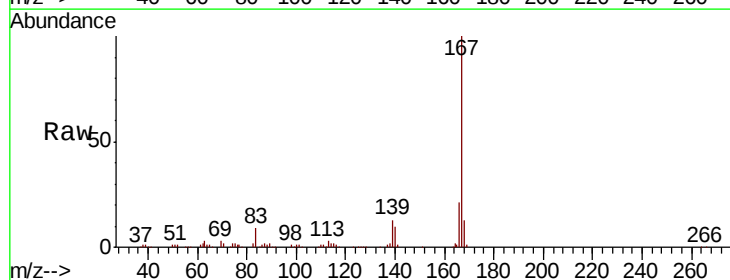
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

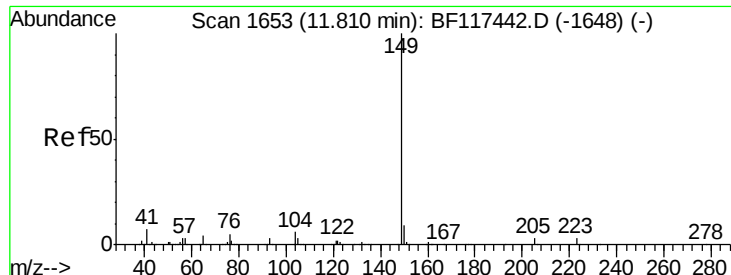
Tot Ion:178 Resp: 365815
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.7 22.1
 179 15.7 12.2 18.2



#73
 Carbazole
 Concen: 42.892 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Tgt Ion:167 Resp: 345099
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.2 10.6 16.0





#74

Di-n-butylphthalate

Concen: 41.307 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

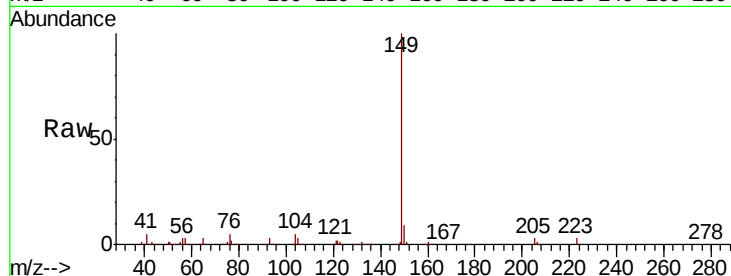
Tot Ion:149 Resp: 444074

Ion Ratio Lower Upper

149 100

150 8.6 7.5 11.3

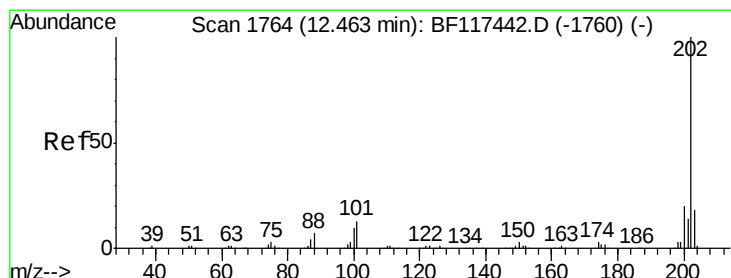
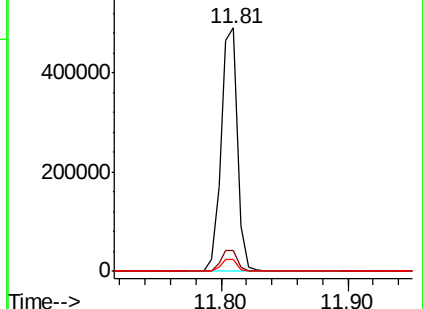
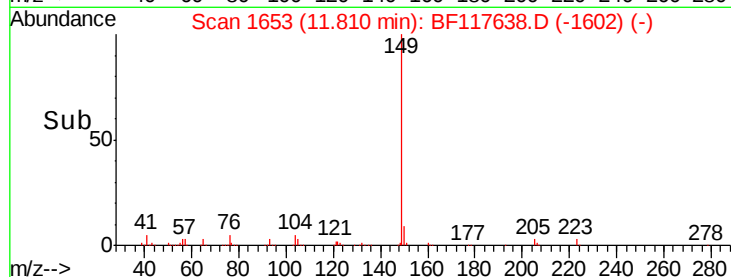
104 4.8 4.6 6.8



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: 39.744 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

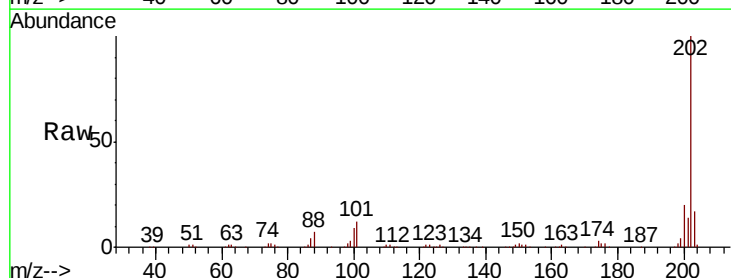
Tgt Ion:202 Resp: 341385

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.7

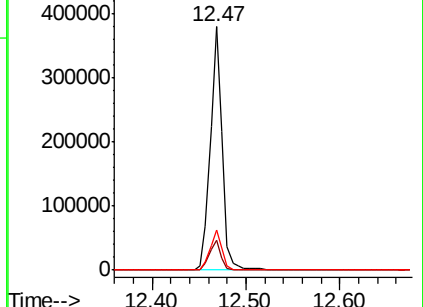
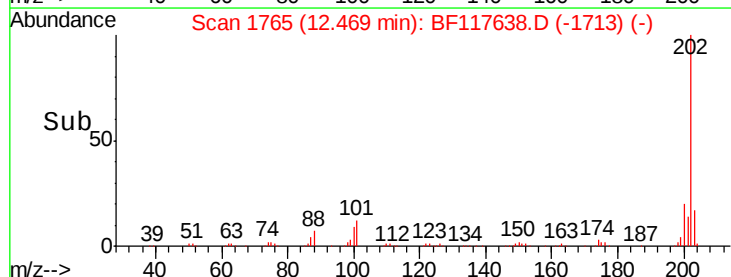
203 16.7 0.0 37.6

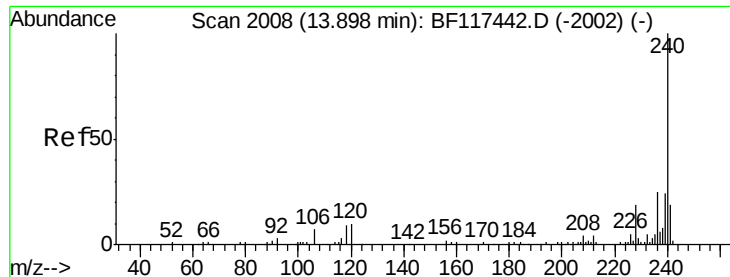


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

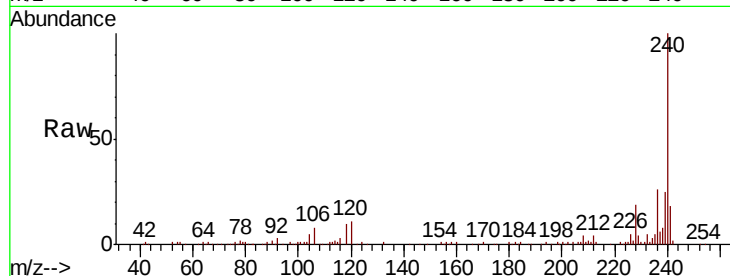




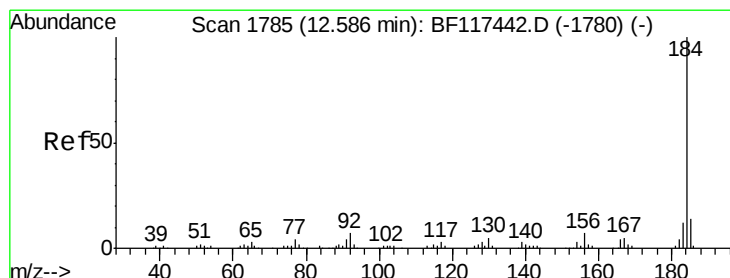
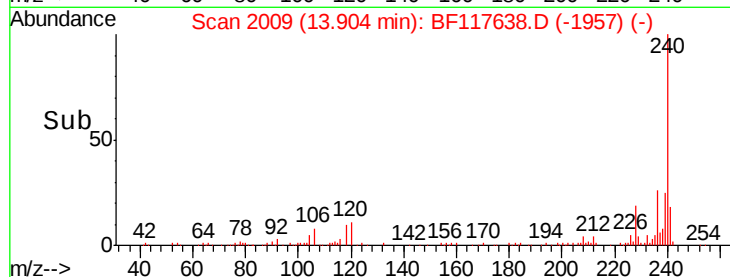
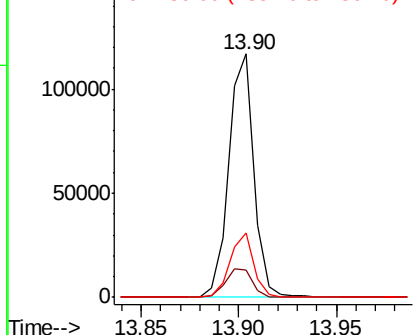
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:240 Resp: 103967
Ion Ratio Lower Upper
240 100
120 11.1 8.4 12.6
236 26.4 20.0 30.0

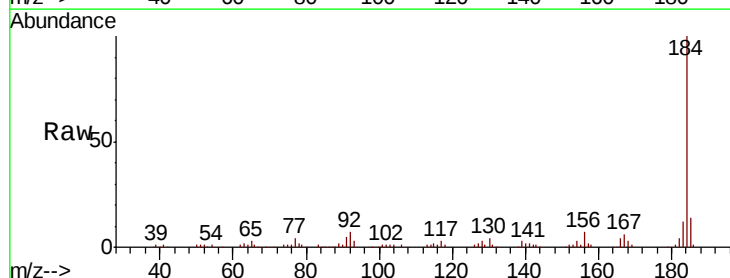


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

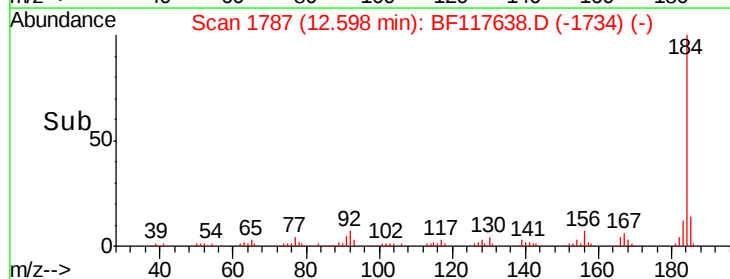
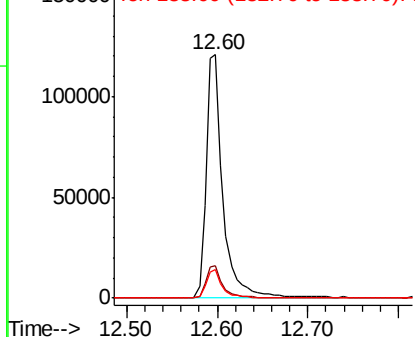


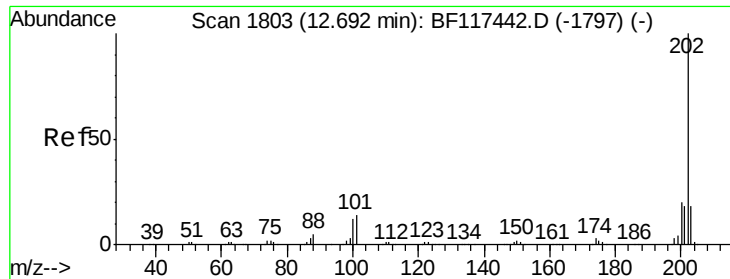
#77
Benzidine
Concen: 64.213 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion:184 Resp: 157320
Ion Ratio Lower Upper
184 100
185 13.5 11.4 17.0
183 11.6 9.6 14.4



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

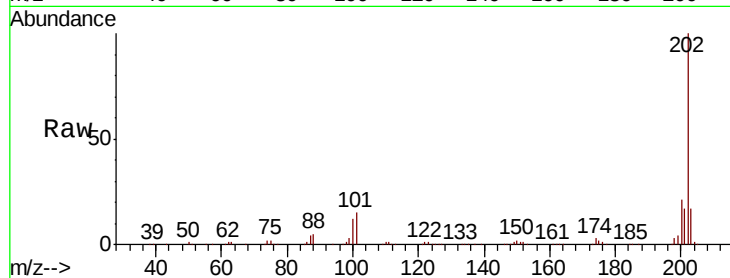




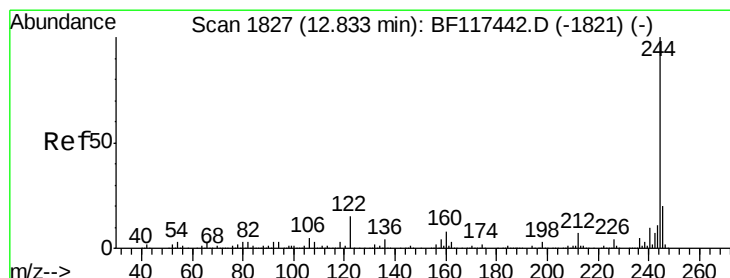
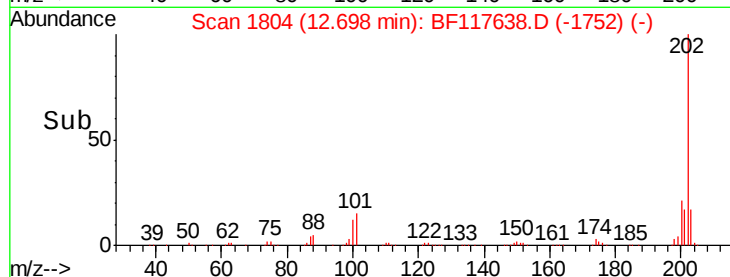
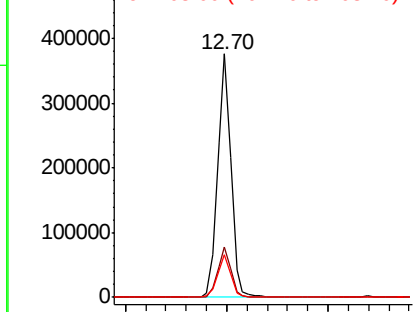
#78
Pvrene
Concen: 38.510 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 343899
Ion Ratio Lower Upper
202 100
200 20.9 16.2 24.2
203 17.3 14.0 21.0

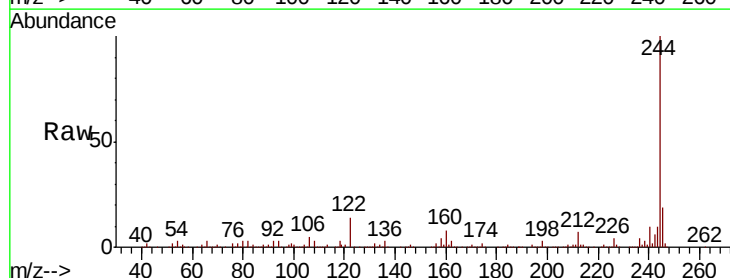


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

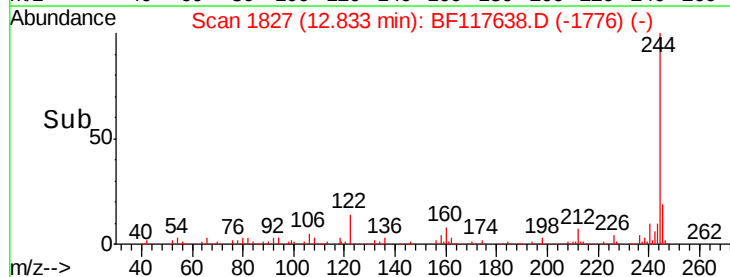
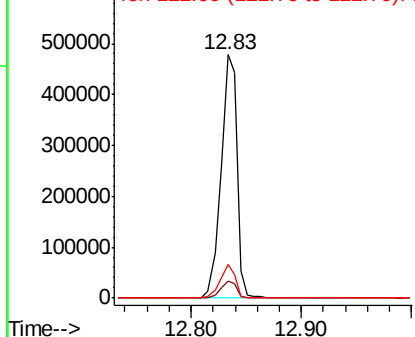


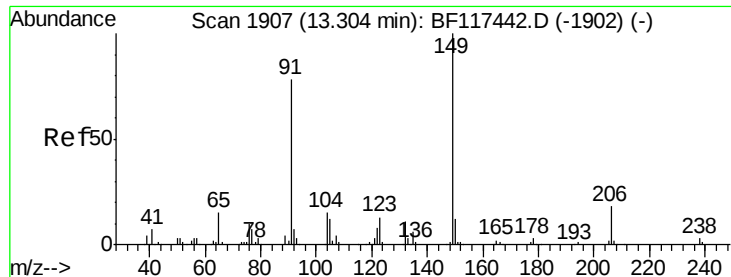
#79
Terphenyl-d14
Concen: 75.708 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion:244 Resp: 482560
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 13.9 11.8 17.8



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

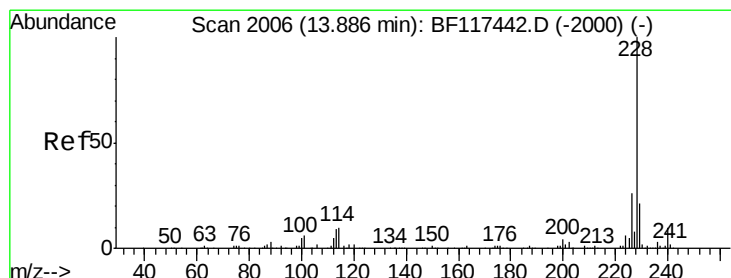
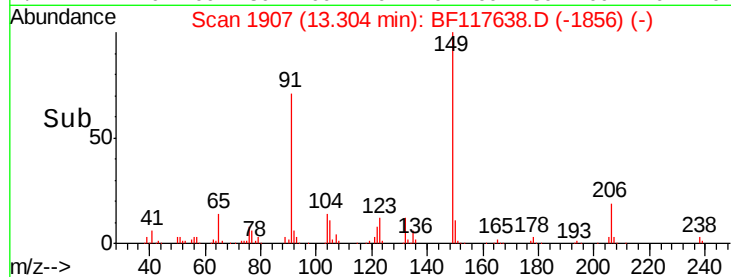
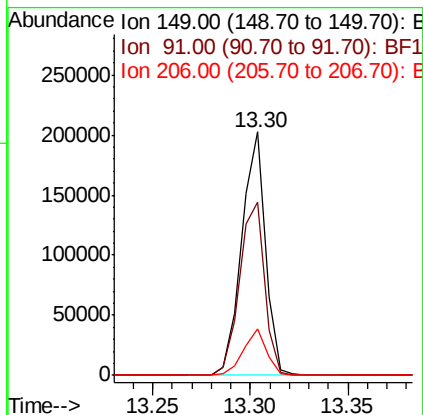
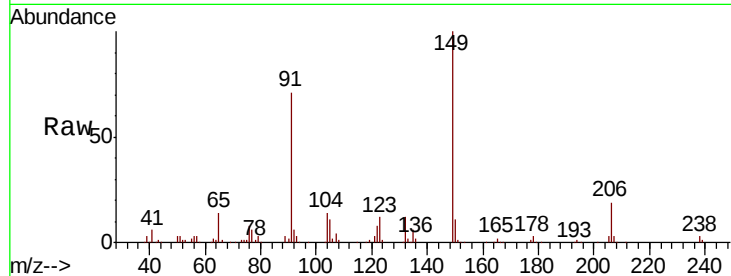




#80
Butylbenzylphthalate
Concen: 38.505 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

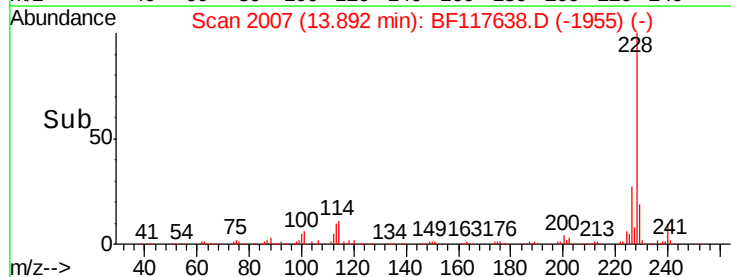
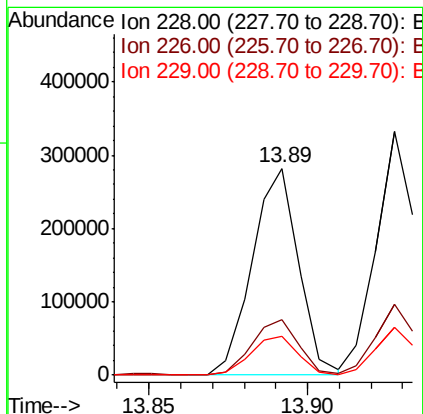
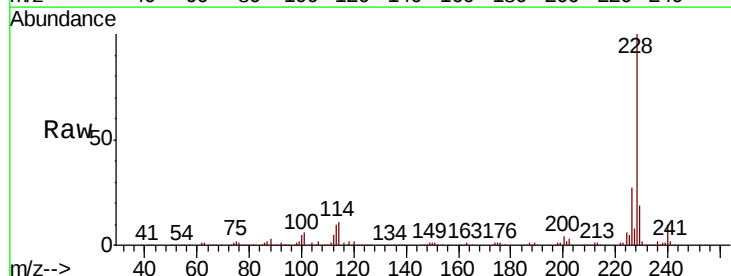
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

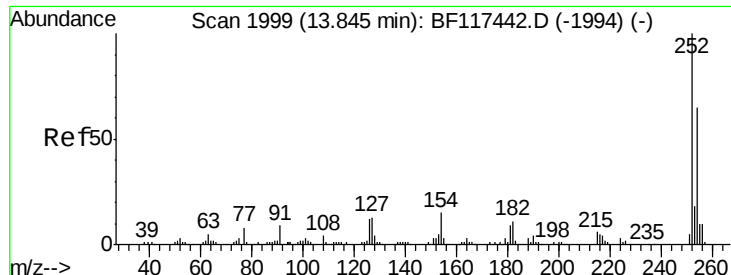
Tot Ion:149 Resp: 171111
Ion Ratio Lower Upper
149 100
91 71.1 62.1 93.1
206 18.9 14.3 21.5



#81
Benzo(a)anthracene
Concen: 40.768 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion:228 Resp: 285905
Ion Ratio Lower Upper
228 100
226 27.1 21.0 31.4
229 18.9 16.4 24.6

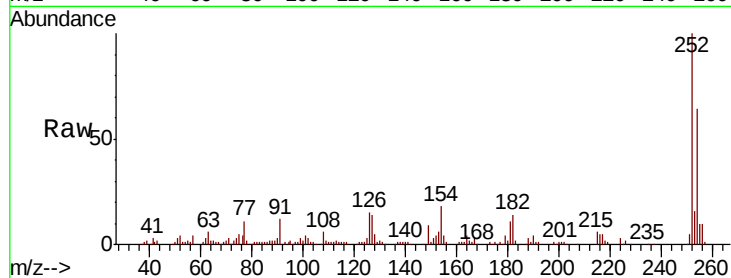




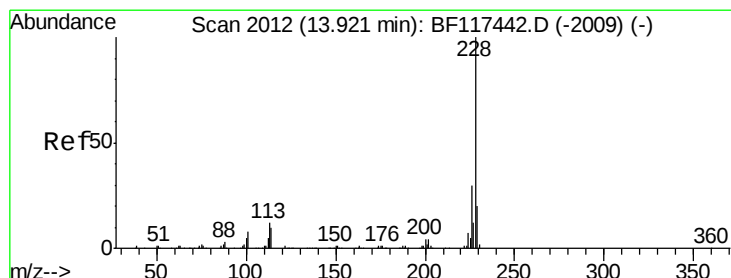
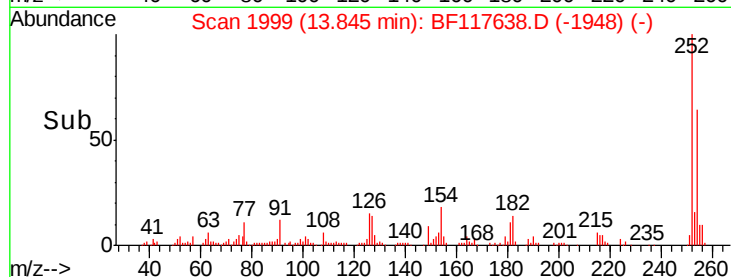
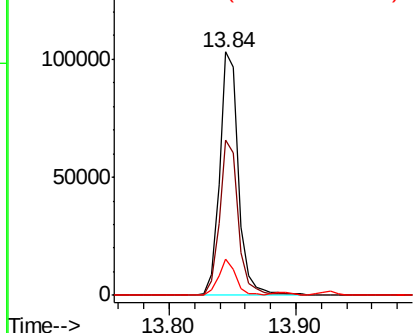
#82
 3,3'-Dichlorobenzidine
 Concen: 48.757 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 107296
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.2 78.4
 126 15.0 9.2 13.8#

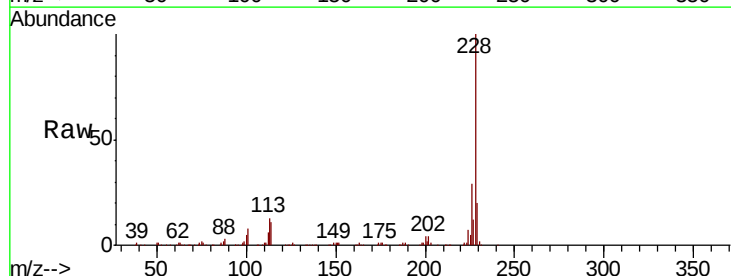


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

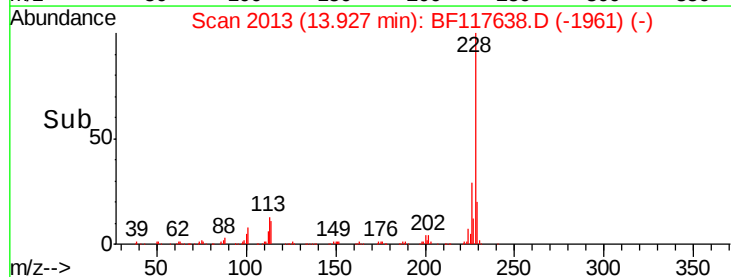
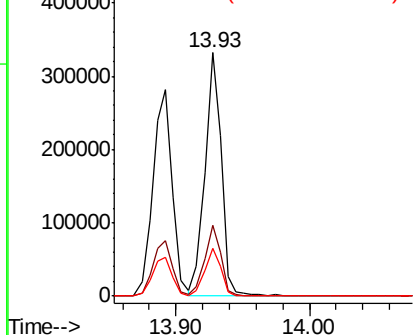


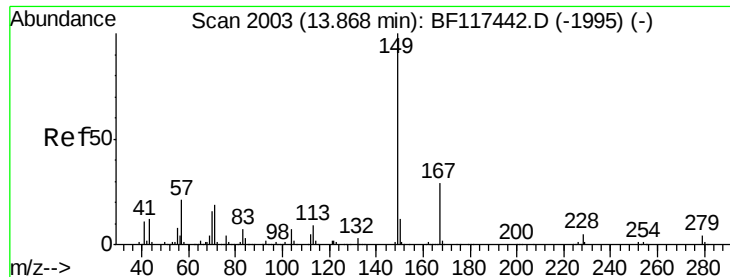
#83
 Chrysene
 Concen: 41.268 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Tgt Ion:228 Resp: 283643
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.9 35.9
 229 19.6 15.8 23.6



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: 37.190 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

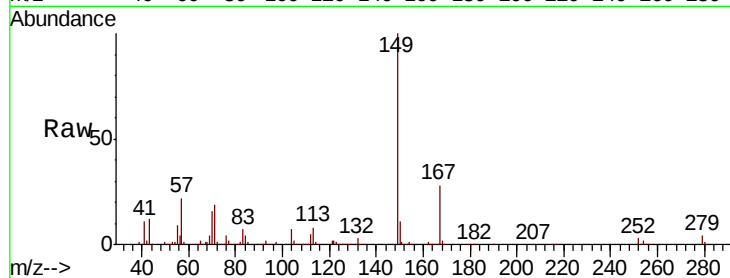
Tot Ion:149 Resp: 231509

Ion Ratio Lower Upper

149 100

167 28.0 23.3 34.9

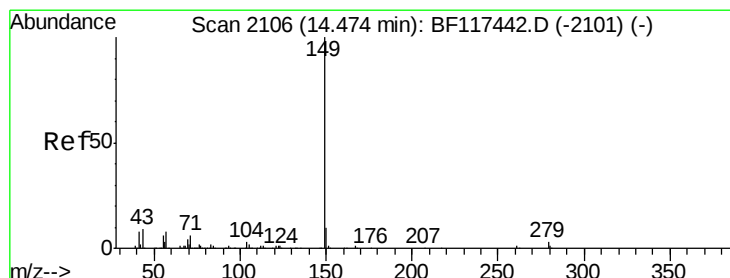
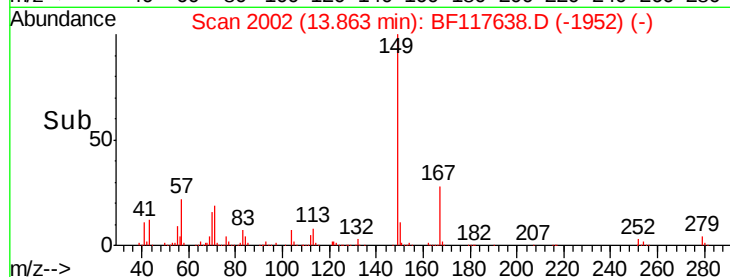
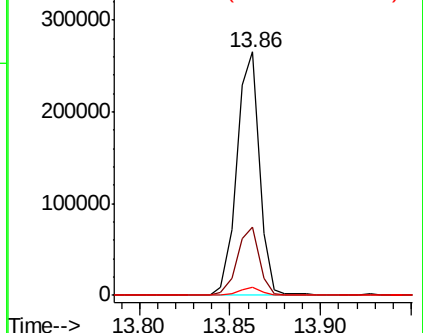
279 3.6 3.2 4.8



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: 41.273 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

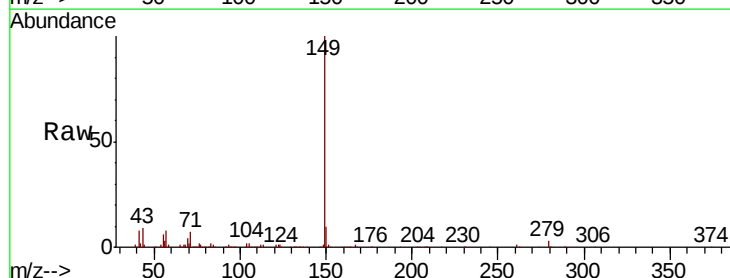
Tgt Ion:149 Resp: 395026

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

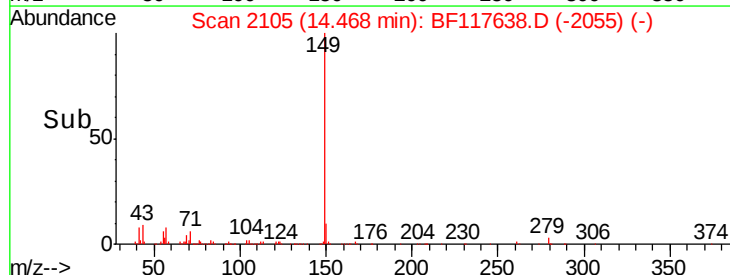
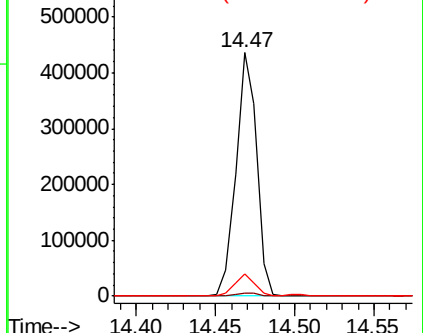
43 8.8 6.8 10.2

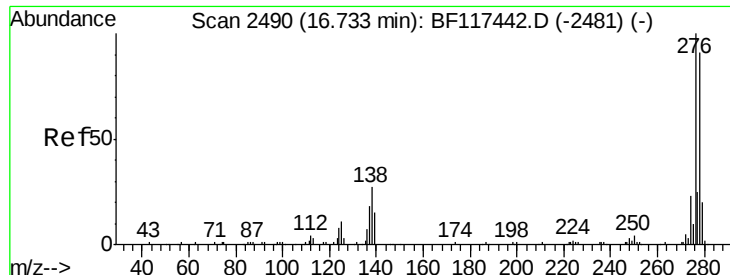


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

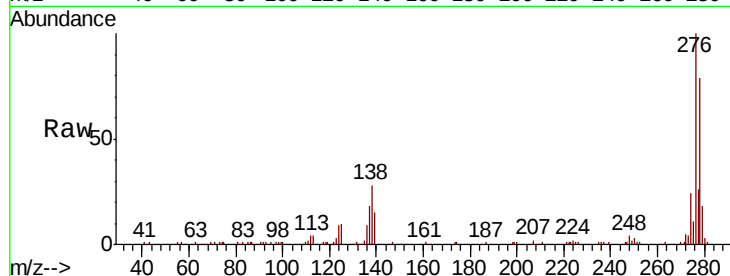




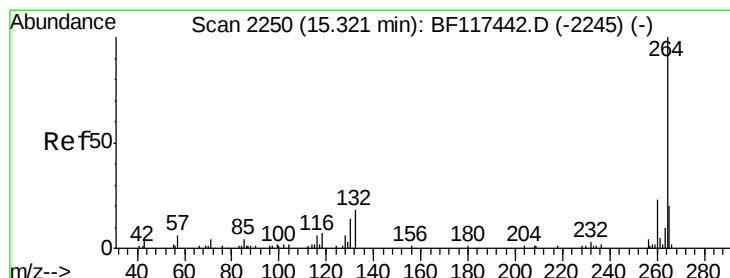
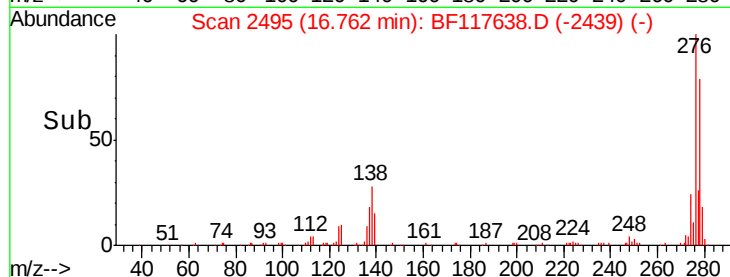
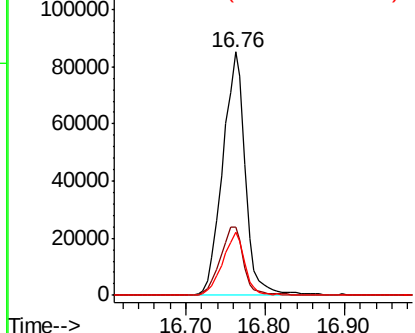
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 32.946 ng
 RT: 16.76 min Scan# 2495
 Delta R.T. 0.03 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.8	32.8
277	25.1	20.0	30.0

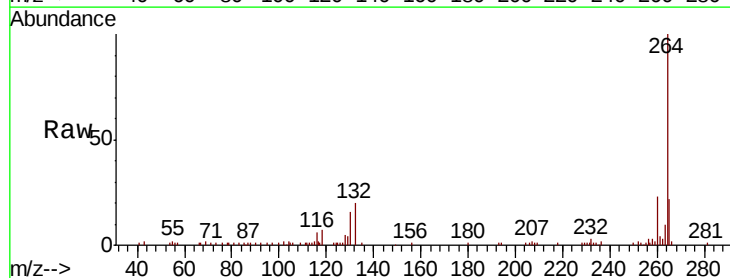


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

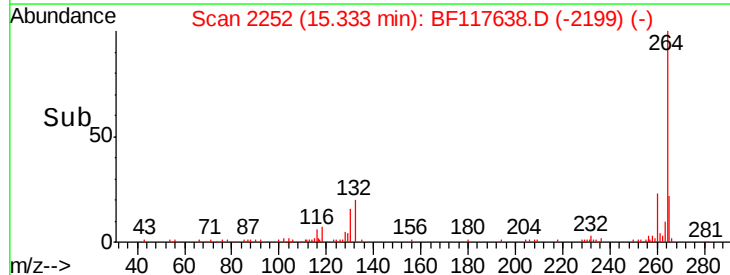
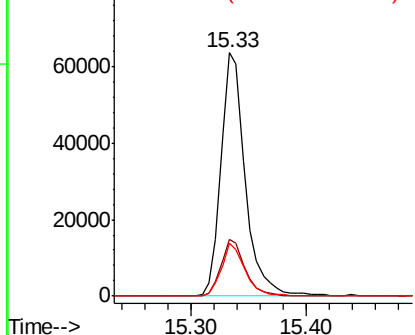


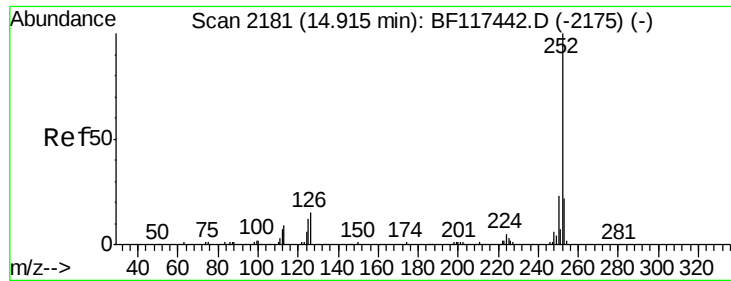
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117638.D
 Acq: 31 Oct 2019 1:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.5	16.1	24.1



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: 44.049 ng

RT: 14.93 min Scan# 2183

Delta R.T. 0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

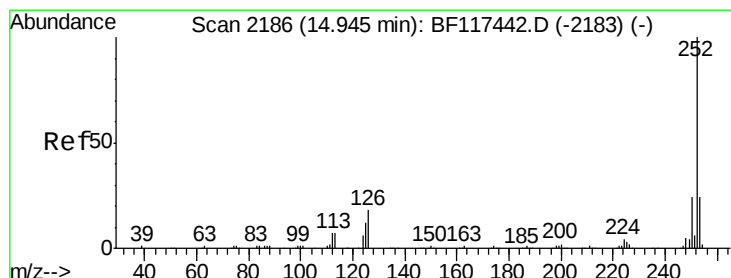
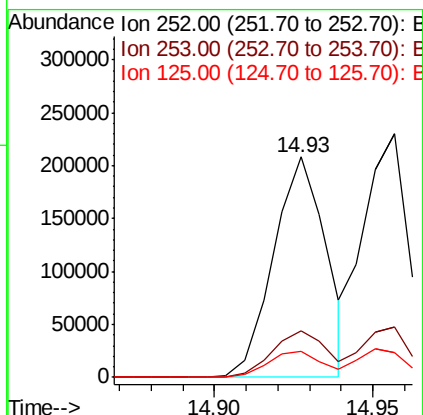
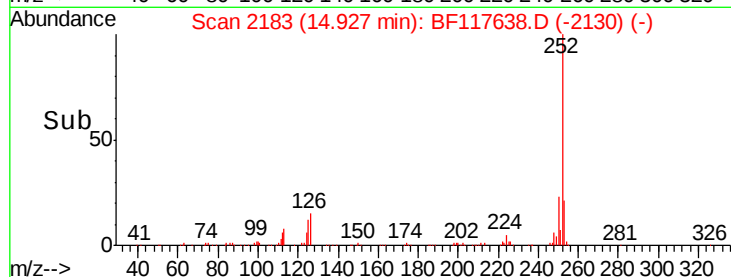
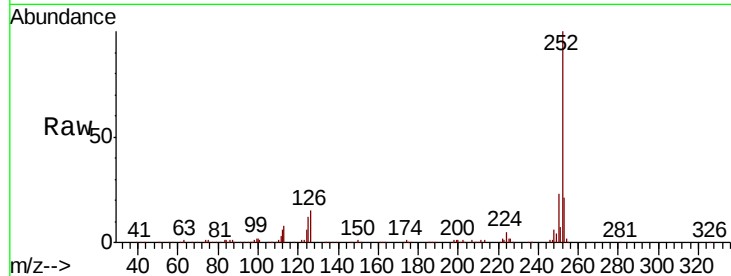
Tot Ion:252 Resp: 241088

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

125 11.7 9.9 14.9



#89

Benzo(k)fluoranthene

Concen: 42.311 ng

RT: 14.96 min Scan# 2188

Delta R.T. 0.01 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

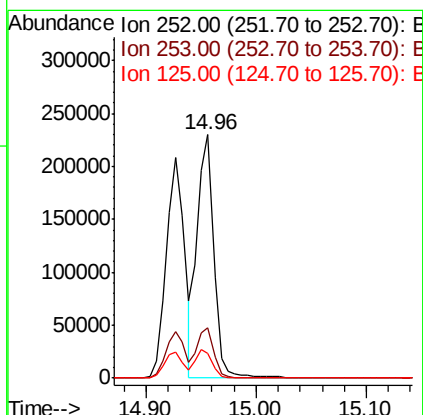
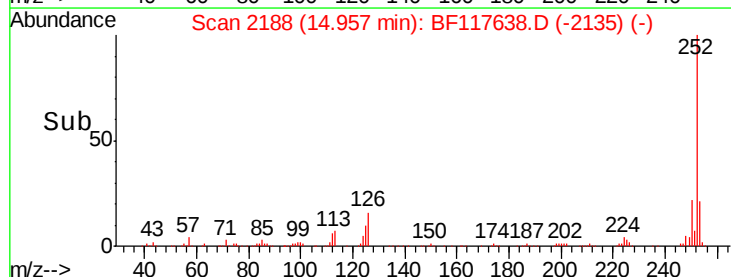
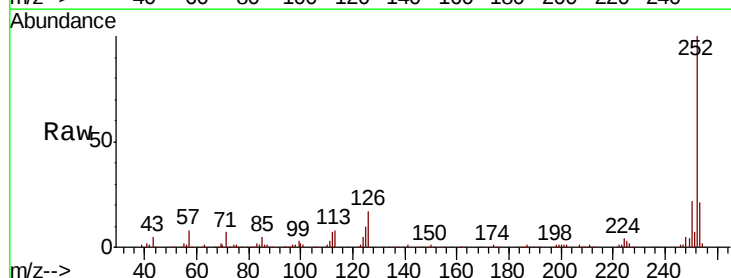
Tgt Ion:252 Resp: 237349

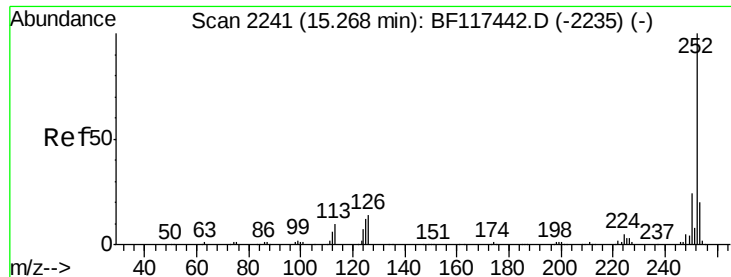
Ion Ratio Lower Upper

252 100

253 20.9 18.0 27.0

125 10.4 8.9 13.3

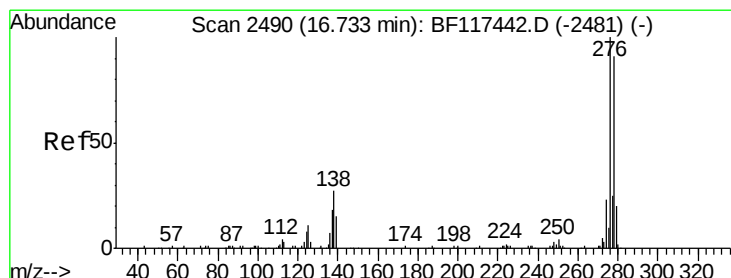
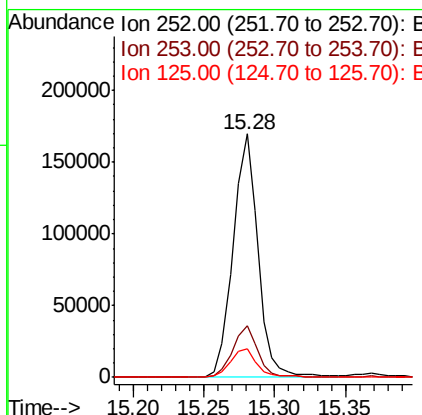
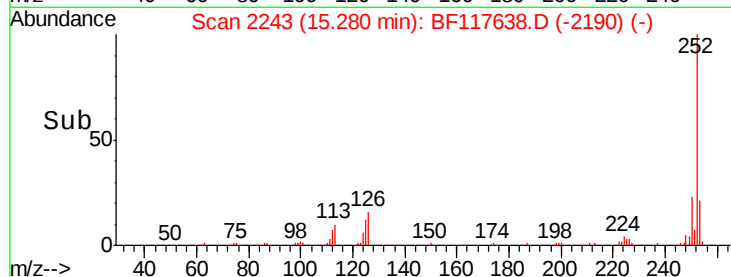
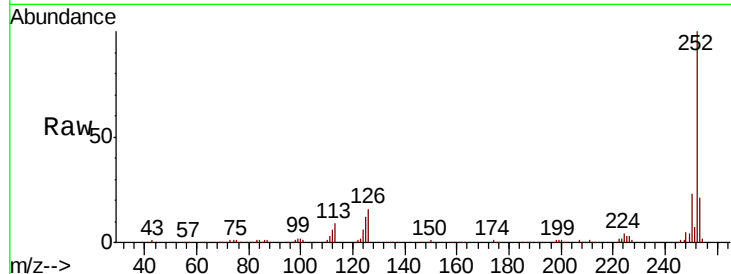




#90
Benzo(a)pyrene
Concen: 41.911 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

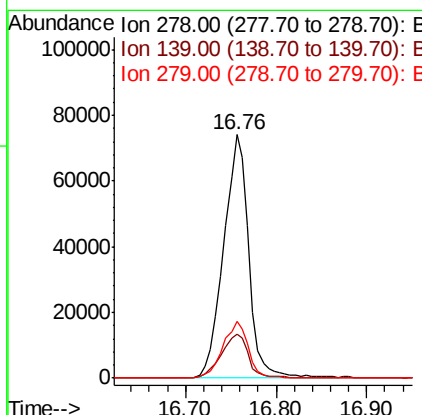
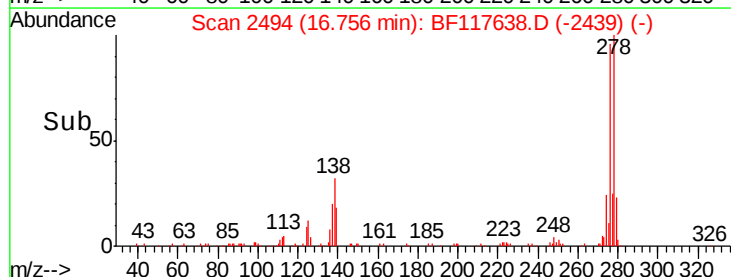
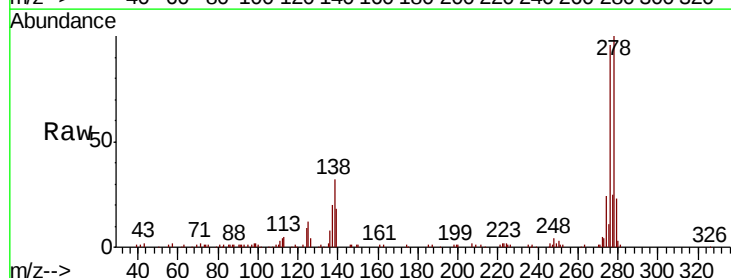
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

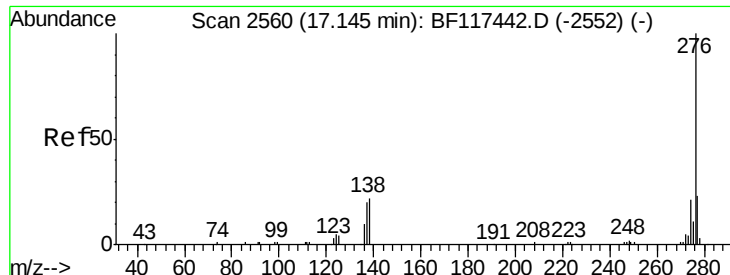
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.3	24.5
125	11.9	9.2	13.8



#91
Dibenzo(a,h)anthracene
Concen: 33.105 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF117638.D
Acq: 31 Oct 2019 1:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.4	20.0
279	23.1	17.8	26.6





#92

Benzo(a,h,i)perylene

Concen: 32.536 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.04 min

Lab File: BF117638.D

Acq: 31 Oct 2019 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

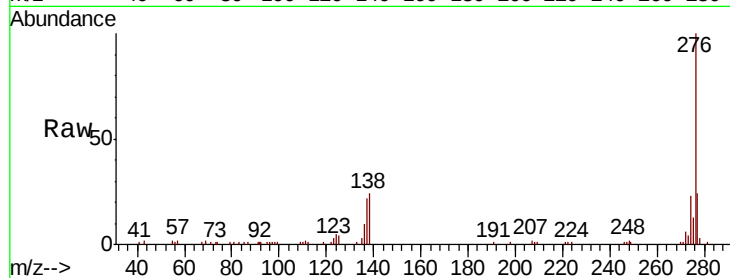
Tot Ion:276 Resp: 132461

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 24.0 17.8 26.6



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

