

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117440.D
 Acq On : 18 Oct 2019 15:13
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 18:14:33 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 17:56:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	47679	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	200921	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	107483	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	173534	20.00	ng	0.00
76) Chrysene-d12	13.89	240	132059	20.00	ng	0.00
87) Perylene-d12	15.32	264	129802	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	62262	20.09	ng	0.00
7) Phenol-d6	6.37	99	87964	21.39	ng	0.00
23) Nitrobenzene-d5	7.30	82	83001	20.94	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	18764	21.45	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	160032	21.71	ng	0.00
79) Terphenyl-d14	12.83	244	163286	20.16	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	13399	10.503	ng	98
3) Pyridine	3.16	79	20754	6.393	ng	95
4) n-Nitrosodimethylamine	3.08	42	9558	8.355	ng	# 93
6) Aniline	6.40	93	50056	9.746	ng	# 88
8) 2-Chlorophenol	6.52	128	34351	9.971	ng	97
9) Benzaldehyde	6.29	77	25782	12.861	ng	93
10) Phenol	6.39	94	42991	9.685	ng	95
11) bis(2-Chloroethyl)ether	6.47	93	30682	9.092	ng	97
12) 1,3-Dichlorobenzene	6.67	146	38309	9.943	ng	96
13) 1,4-Dichlorobenzene	6.75	146	37253	9.485	ng	93
14) 1,2-Dichlorobenzene	6.90	146	37125	10.008	ng	95
15) Benzyl Alcohol	6.89	79	29314	9.319	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.01	45	36222	10.222	ng	82
17) 2-Methylphenol	7.00	107	28760	10.000	ng	98
18) Hexachloroethane	7.24	117	15068	9.868	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	26686	10.180	ng	98
20) 3+4-Methylphenols	7.16	107	37077	10.012	ng	# 79
22) Acetophenone	7.15	105	53561	10.159	ng	# 92
24) Nitrobenzene	7.32	77	39002	9.823	ng	96
25) Isophorone	7.56	82	73806	10.453	ng	98
26) 2-Nitrophenol	7.65	139	16545	9.392	ng	96
27) 2,4-Dimethylphenol	7.68	122	26619	9.942	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	44517	10.170	ng	99
29) 2,4-Dichlorophenol	7.89	162	27096	9.808	ng	92
30) 1,2,4-Trichlorobenzene	7.96	180	30151	10.124	ng	97
31) Naphthalene	8.03	128	104406	10.405	ng	99
32) Benzoic acid	7.79	122	13795	8.275	ng	96
33) 4-Chloroaniline	8.10	127	44685	10.486	ng	97
34) Hexachlorobutadiene	8.16	225	17303	10.145	ng	98
35) Caprolactam	8.44	113	8899	10.286	ng	96
36) 4-Chloro-3-methylphenol	8.58	107	32892	10.464	ng	94
37) 2-Methylnaphthalene	8.73	142	70589	10.418	ng	98
38) 1-Methylnaphthalene	8.83	142	66674	10.444	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	28581	9.880	ng	97

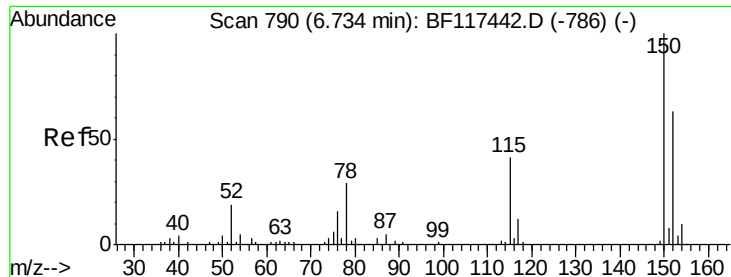
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117440.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	906	1.677	nq	89
43) 2,4,6-Trichlorophenol	9.02	196	18132	9.905	nq	98
44) 2,4,5-Trichlorophenol	9.07	196	18245	9.771	nq	95
46) 1,1'-Biphenyl	9.19	154	92026	10.480	nq	98
47) 2-Chloronaphthalene	9.22	162	69709	10.184	nq	97
48) 2-Nitroaniline	9.32	65	22091	10.115	nq	93
49) Acenaphthylene	9.63	152	103444	10.309	nq	98
50) Dimethylphthalate	9.49	163	79885	10.349	nq	98
51) 2,6-Dinitrotoluene	9.56	165	15854	9.771	nq	97
52) Acenaphthene	9.80	154	64234	10.535	nq	96
53) 3-Nitroaniline	9.73	138	19653	9.919	nq	90
54) 2,4-Dinitrophenol	9.87	184	3432	5.521	nq	# 89
55) Dibenzofuran	9.97	168	92138	10.359	nq	99
56) 4-Nitrophenol	9.93	139	5562	7.054	nq	94
57) 2,4-Dinitrotoluene	9.97	165	21546	10.064	nq	# 89
58) Fluorene	10.32	166	75996	10.262	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	15529	10.757	nq	# 98
60) Diethylphthalate	10.19	149	82348	10.583	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	34456	10.508	nq	92
62) 4-Nitroaniline	10.34	138	18995	10.086	nq	93
63) Azobenzene	10.46	77	81879	10.256	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	6475	7.428	nq	98
66) n-Nitrosodiphenylamine	10.42	169	65273	10.069	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	18980	9.972	nq	96
68) Hexachlorobenzene	10.87	284	20642	10.098	nq	90
69) Atrazine	10.95	200	19669	18.711	nq	97
70) Pentachlorophenol	11.07	266	4855	7.939	nq	95
71) Phenanthrene	11.27	178	105449	10.279	nq	100
72) Anthracene	11.33	178	108573	10.253	nq	99
73) Carbazole	11.49	167	99782	10.373	nq	99
74) Di-n-butylphthalate	11.81	149	132940	10.206	nq	99
75) Fluoranthene	12.46	202	107728	10.561	nq	99
77) Benzidine	12.59	184	52353	16.029	nq	99
78) Pyrene	12.69	202	110392	9.457	nq	99
80) Butylbenzylphthalate	13.30	149	54520	9.288	nq	94
81) Benzo(a)anthracene	13.88	228	91614	10.111	nq	97
82) 3,3'-Dichlorobenzidine	13.84	252	32682	11.408	nq	# 96
83) Chrysene	13.92	228	93107	10.420	nq	97
84) Bis(2-ethylhexyl)phthalate	13.86	149	79288	9.580	nq	93
85) Di-n-octyl phthalate	14.47	149	126223	10.018	nq	98
86) Indeno(1,2,3-cd)pyrene	16.72	276	67908	10.869	nq	100
88) Benzo(b)fluoranthene	14.91	252	76984	9.527	nq	97
89) Benzo(k)fluoranthene	14.94	252	79915	9.951	nq	97
90) Benzo(a)pyrene	15.26	252	71172	9.946	nq	97
91) Dibenzo(a,h)anthracene	16.73	278	56636	9.237	nq	95
92) Benzo(g,h,i)perylene	17.14	276	51976	8.905	nq	97

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

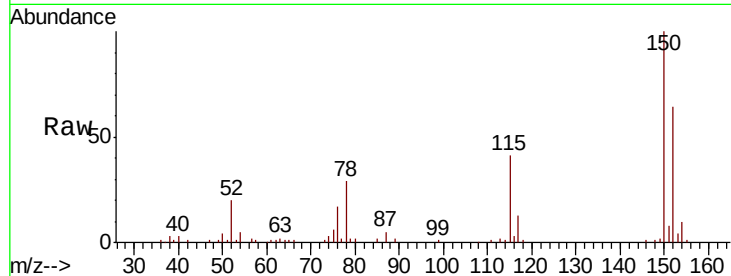


#1

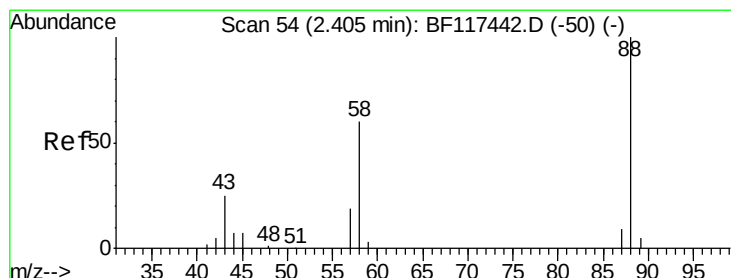
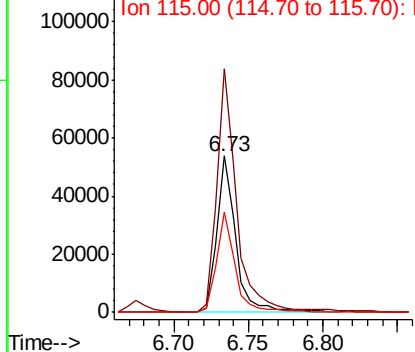
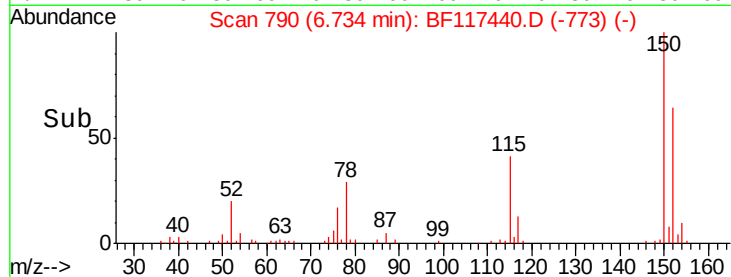
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 47679
Ion Ratio Lower Upper
152 100
150 155.7 126.8 190.2
115 64.2 51.6 77.4



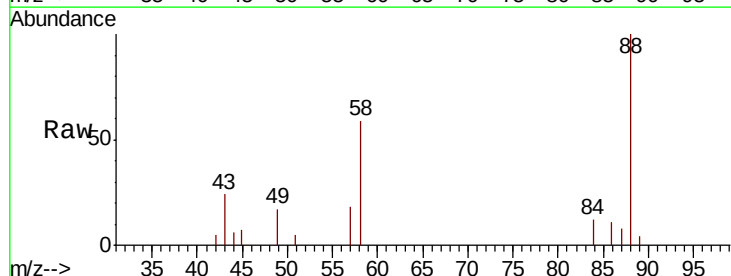
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



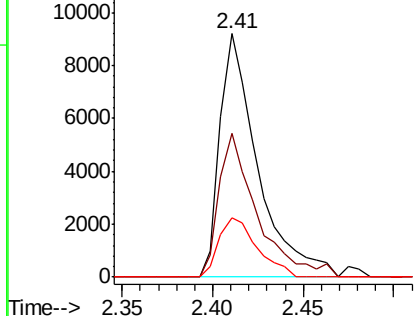
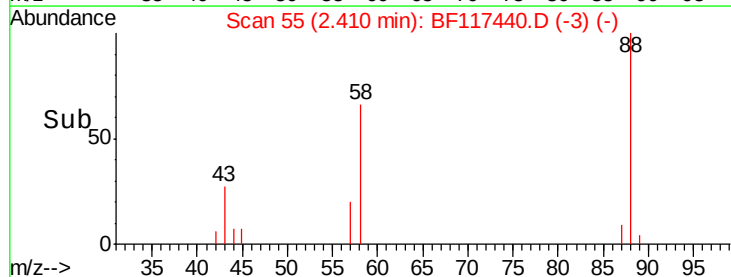
#2

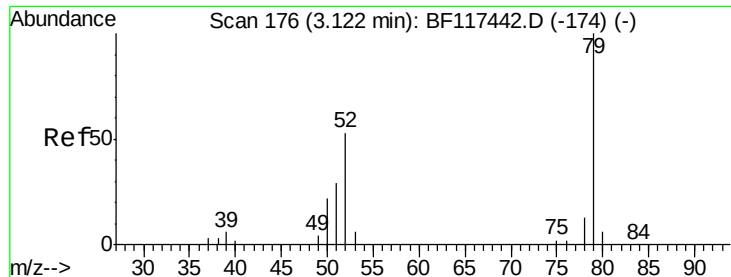
1,4-Dioxane
Concen: 10.503 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion: 88 Resp: 13399
Ion Ratio Lower Upper
88 100
58 59.4 48.8 73.2
43 24.6 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: 6.393 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.04 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampled :

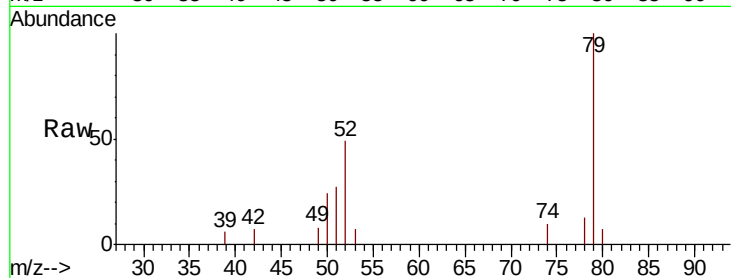
Tot Ion: 79 Resp: 20754

Ion Ratio Lower Upper

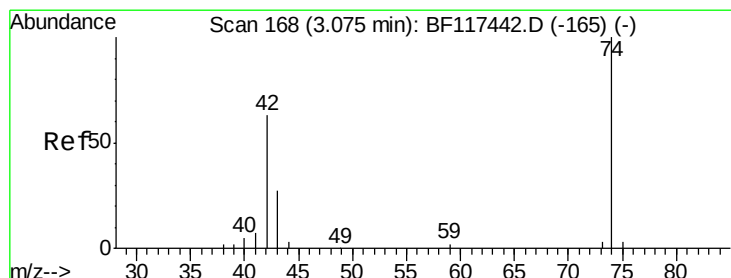
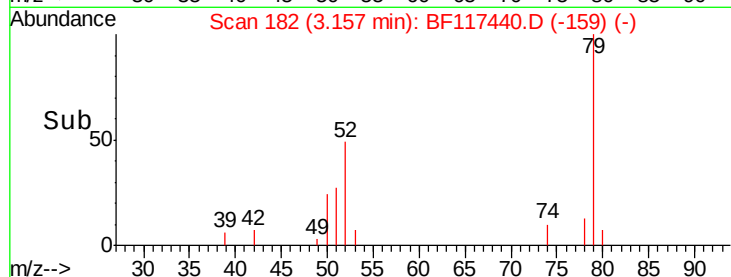
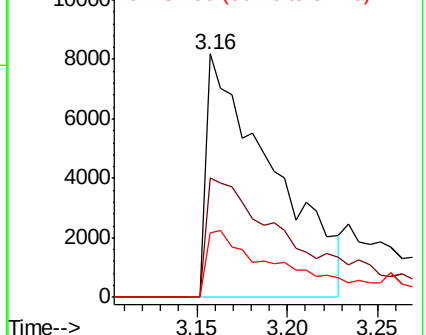
79 100

52 49.2 42.4 63.6

51 26.5 23.3 34.9



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



#4

n-Nitrosodimethylamine

Concen: 8.355 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

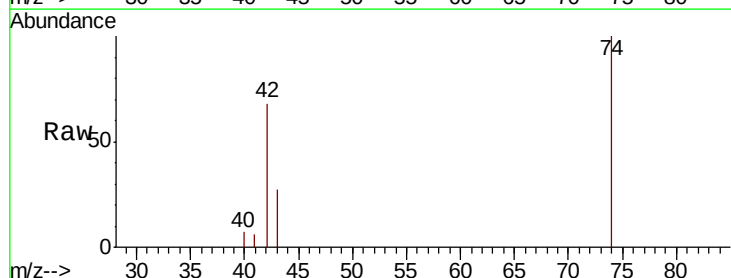
Tgt Ion: 42 Resp: 9558

Ion Ratio Lower Upper

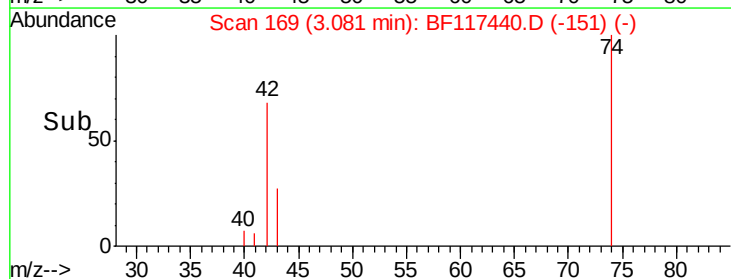
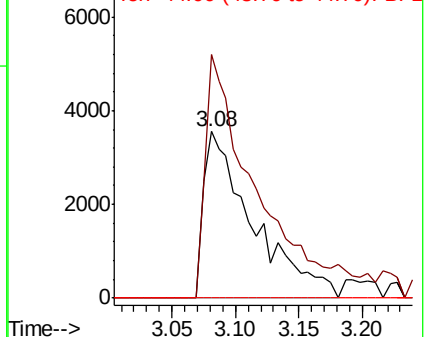
42 100

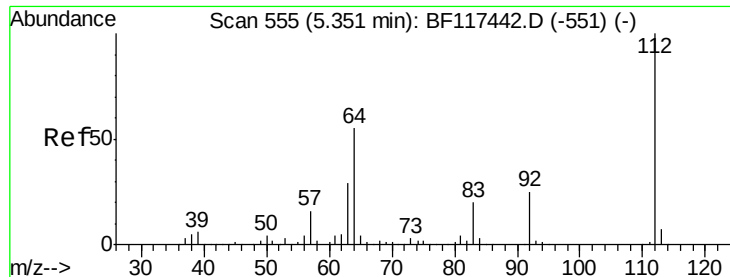
74 146.2 124.2 186.4

44 0.0 4.2 6.4#



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





#5

2-Fluorophenol

Concen: 20.092 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampleId :

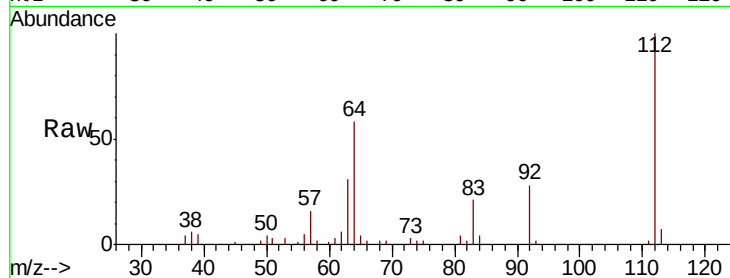
Tot Ion: 112 Resp: 62262

Ion Ratio Lower Upper

112 100

64 58.1 44.1 66.1

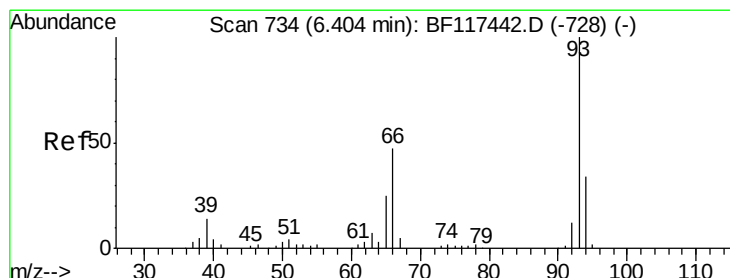
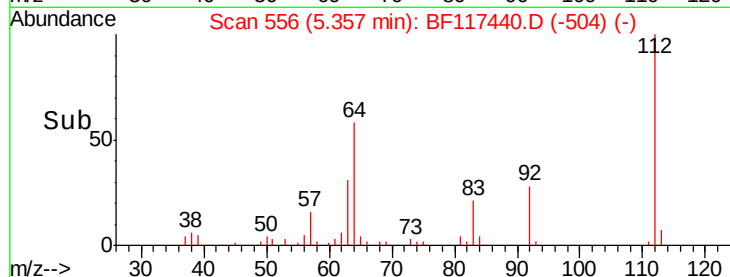
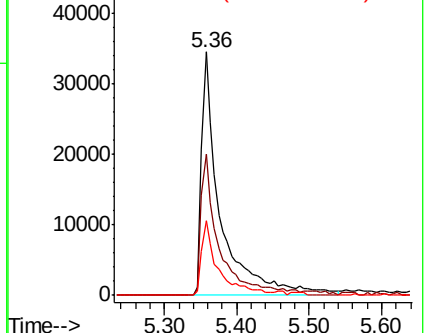
63 30.5 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.746 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

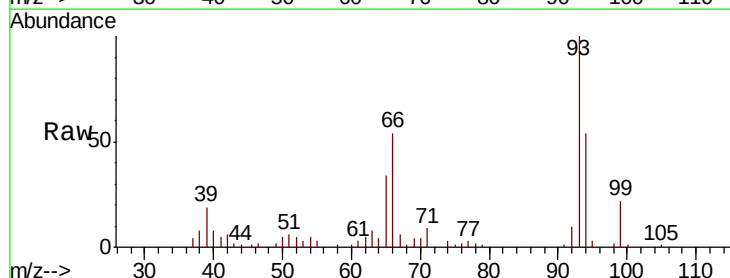
Tgt Ion: 93 Resp: 50056

Ion Ratio Lower Upper

93 100

66 54.2 38.7 58.1

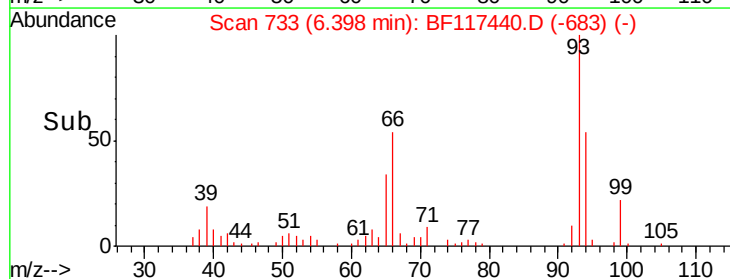
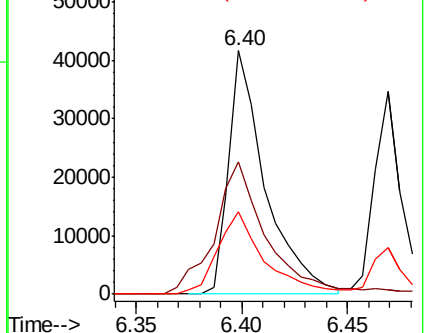
65 33.9 20.1 30.1#

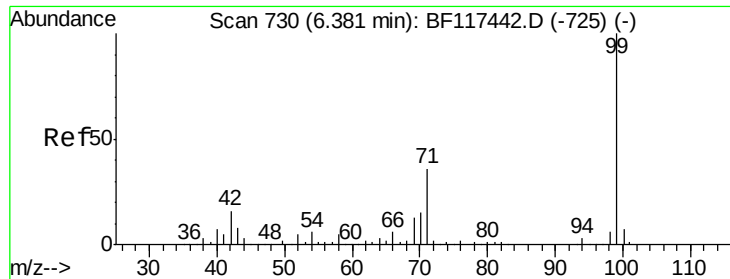


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 21.395 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampleId :

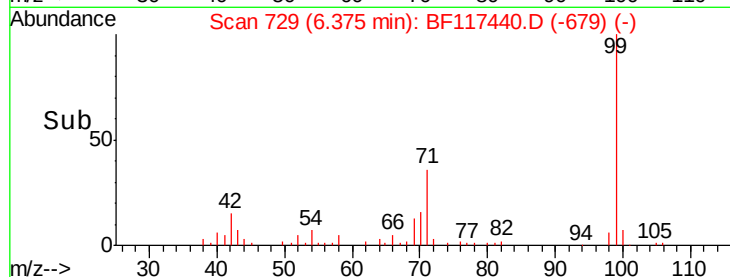
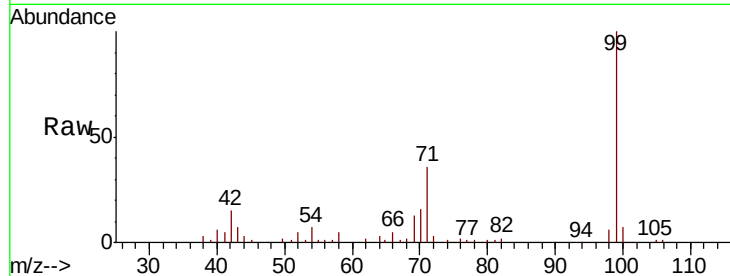
Tot Ion: 99 Resp: 87964

Ion Ratio Lower Upper

99 100

42 15.0 12.8 19.2

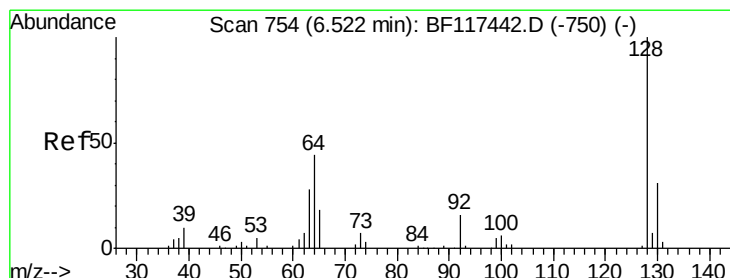
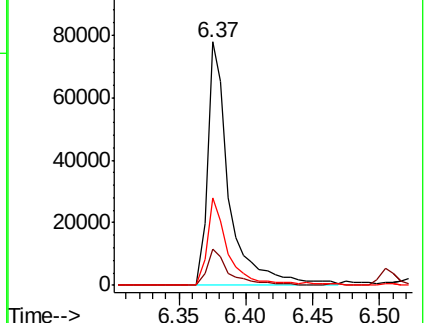
71 36.2 28.6 43.0



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: 9.971 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

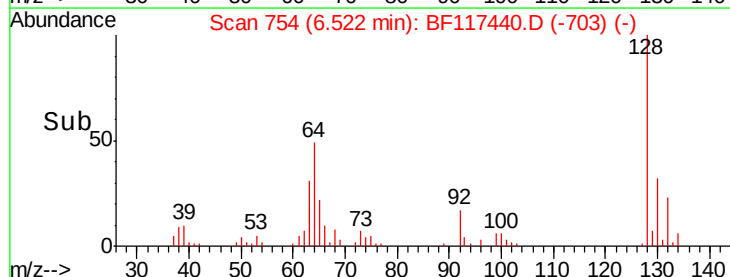
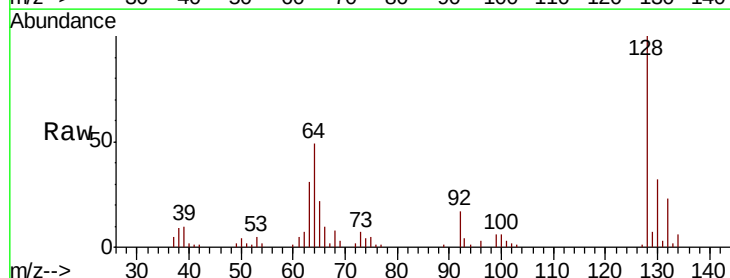
Tgt Ion: 128 Resp: 34351

Ion Ratio Lower Upper

128 100

130 32.2 11.1 51.1

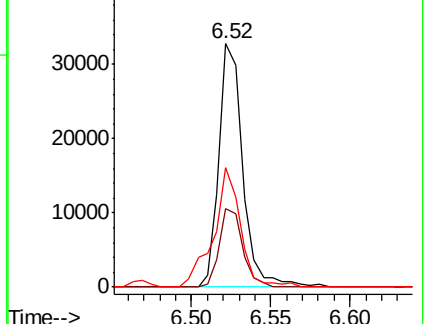
64 49.1 27.1 67.1

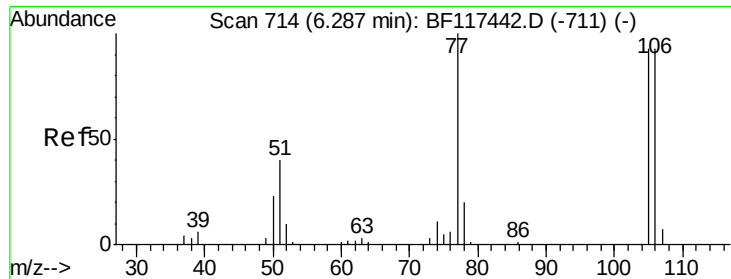


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.861 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampleId :

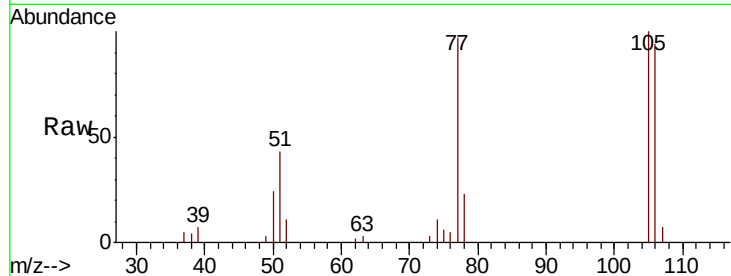
Tot Ion: 77 Resp: 25782

Ion Ratio Lower Upper

77 100

105 102.7 73.4 113.4

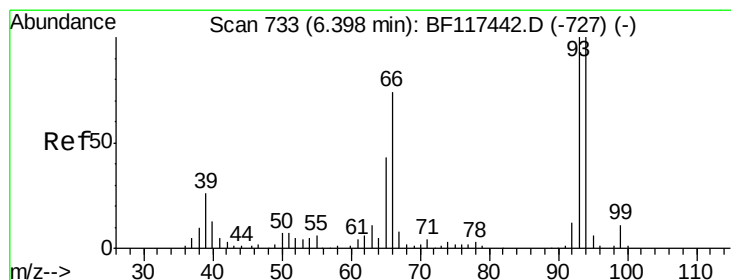
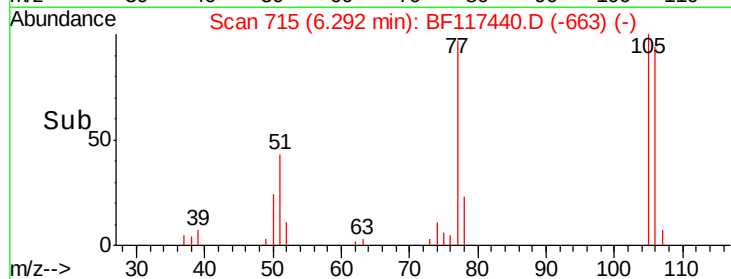
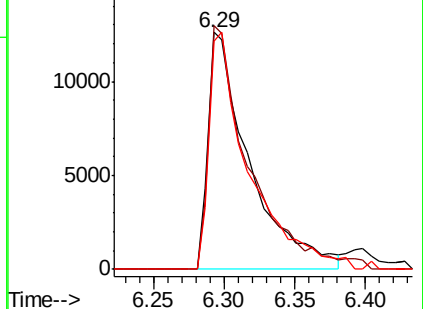
106 96.3 73.0 113.0



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: 9.685 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

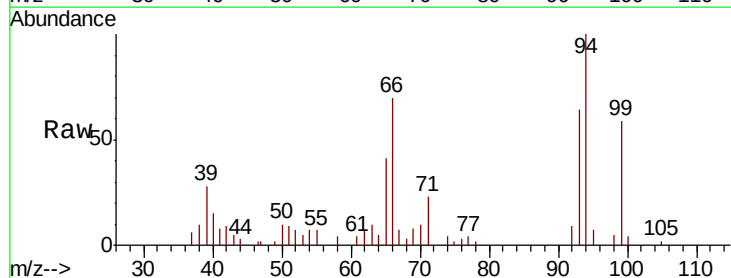
Tgt Ion: 94 Resp: 42991

Ion Ratio Lower Upper

94 100

65 40.6 23.4 63.4

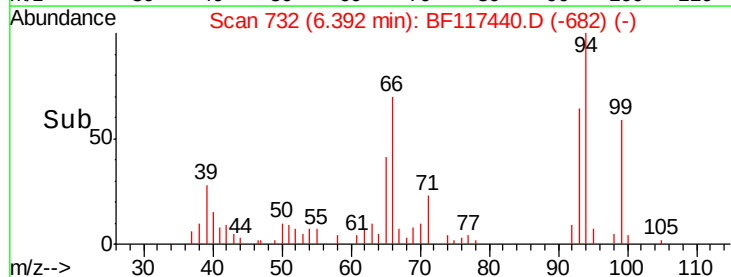
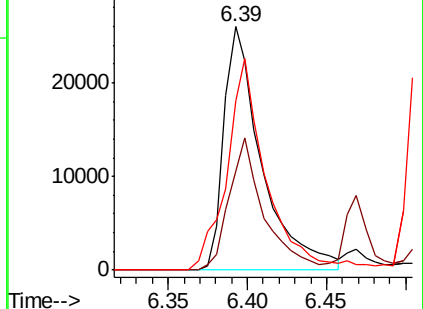
66 69.5 54.7 94.7

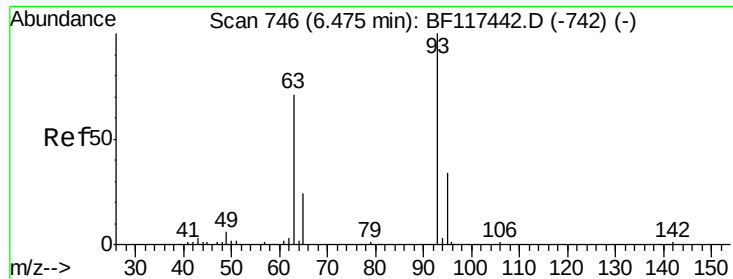


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 9.092 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampled :

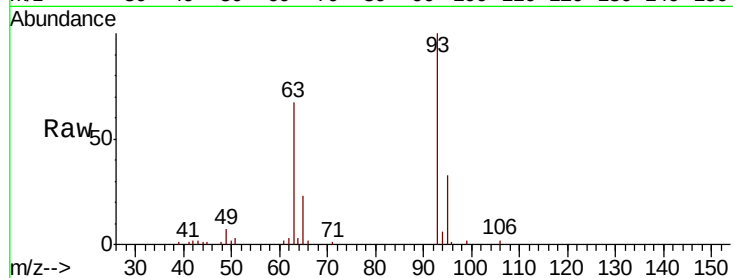
Tot Ion: 93 Resp: 30682

Ion Ratio Lower Upper

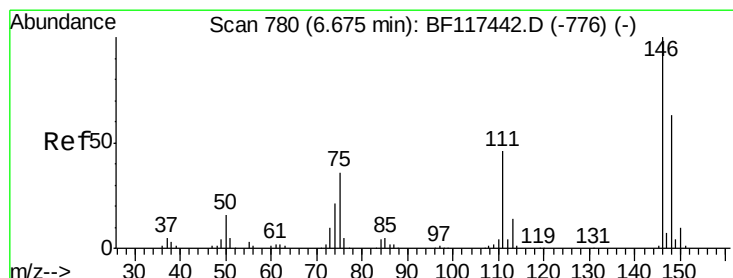
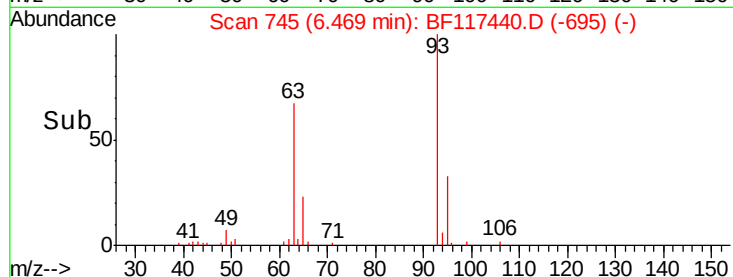
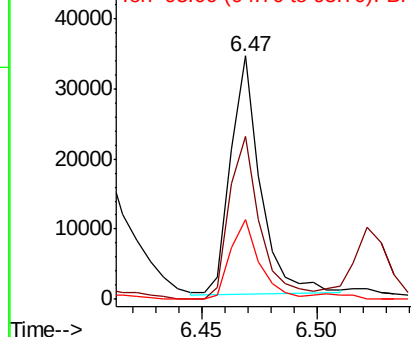
93 100

63 66.8 50.2 90.2

95 32.7 13.9 53.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 9.943 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

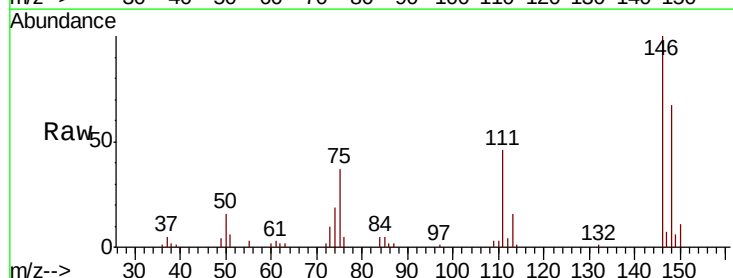
Tgt Ion: 146 Resp: 38309

Ion Ratio Lower Upper

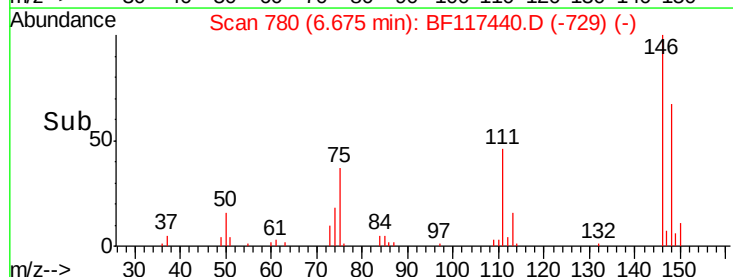
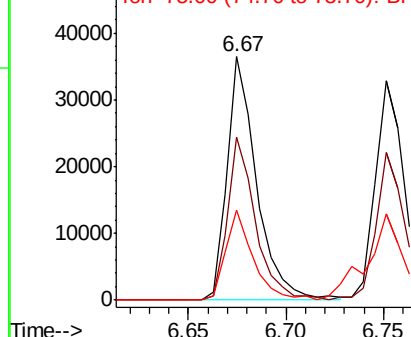
146 100

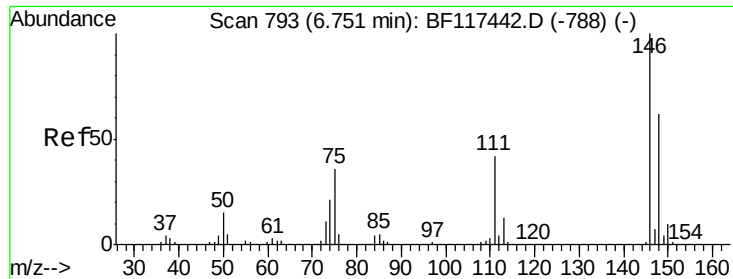
148 66.7 50.6 75.8

75 36.8 28.6 43.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

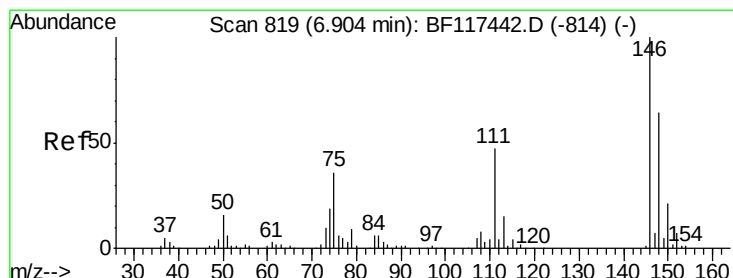
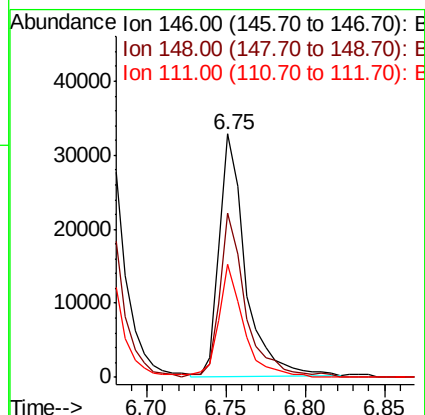
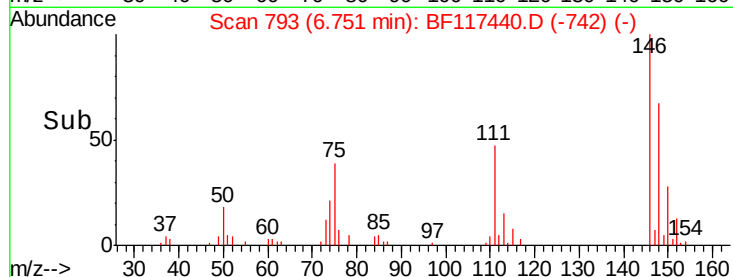
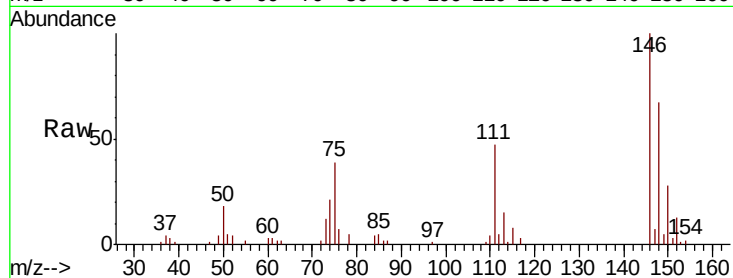




#13
1,4-Dichlorobenzene
Concen: 9.485 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

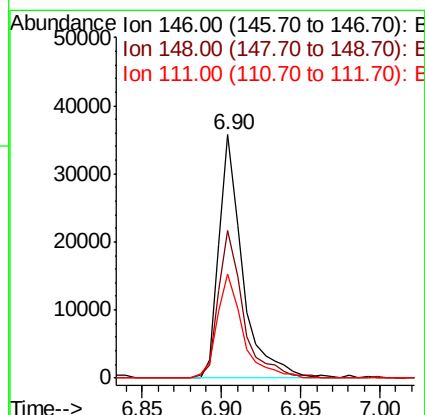
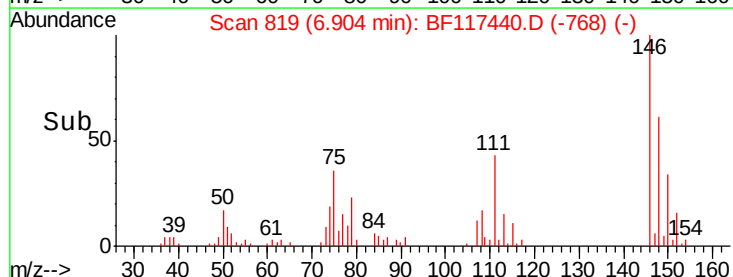
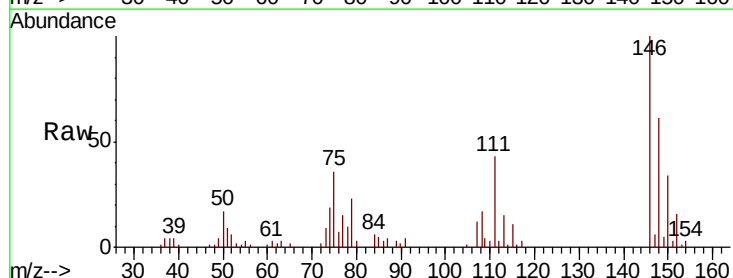
Instrument :
BNA_F
ClientSampled :

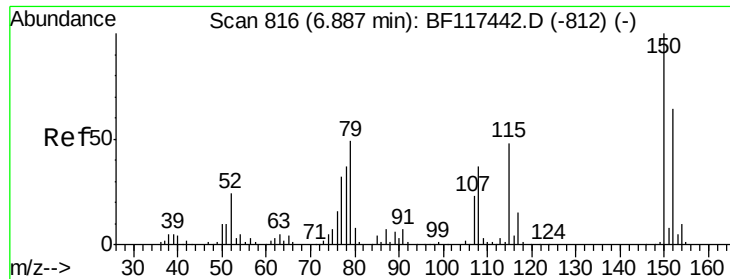
Tot Ion:146 Resp: 37253
Ion Ratio Lower Upper
146 100
148 67.3 49.3 73.9
111 46.6 33.6 50.4



#14
1,2-Dichlorobenzene
Concen: 10.008 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:146 Resp: 37125
Ion Ratio Lower Upper
146 100
148 60.8 51.4 77.0
111 42.5 37.7 56.5

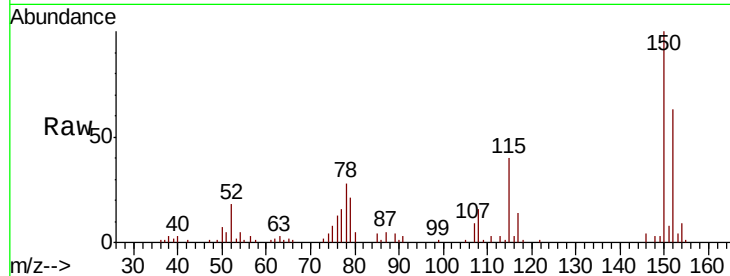




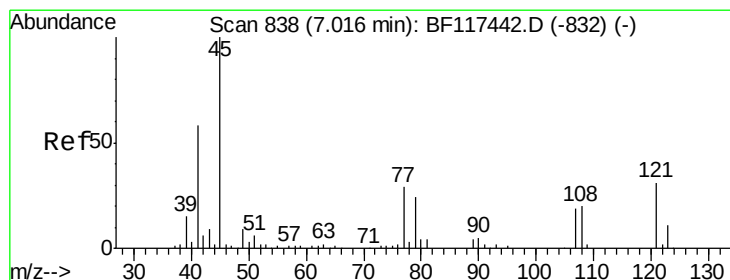
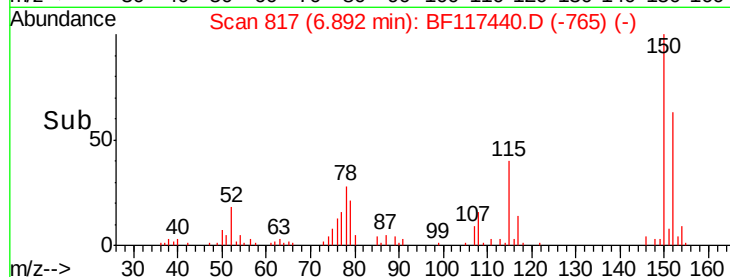
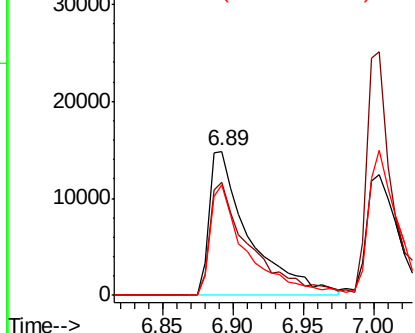
#15
Benzvl Alcohol
Concen: 9.319 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 29314
Ion Ratio Lower Upper
79 100
108 78.5 59.8 89.8
77 76.5 51.4 77.0

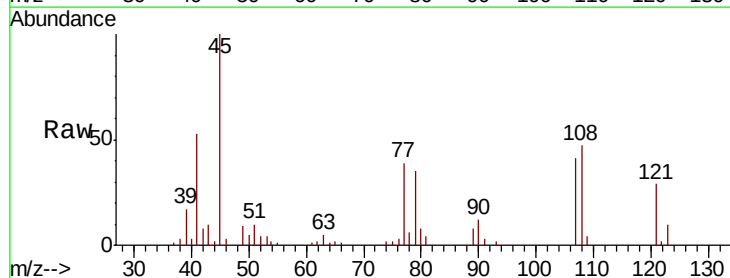


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

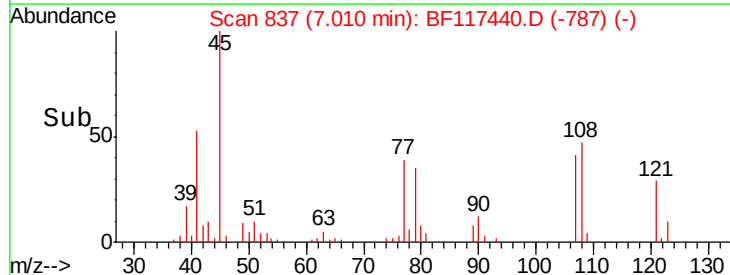
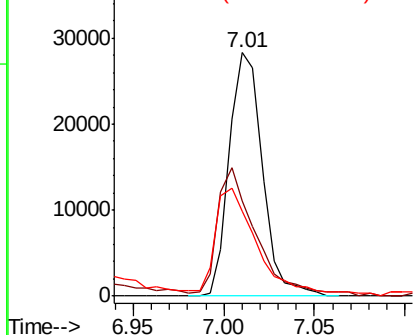


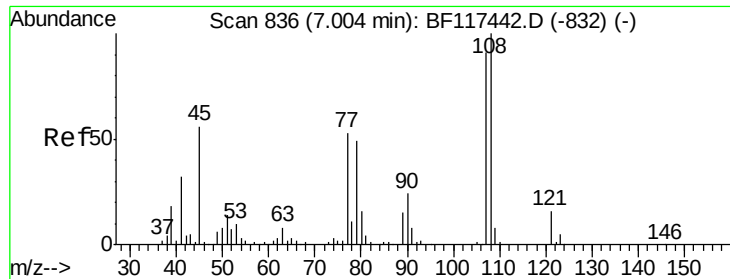
#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.222 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion: 45 Resp: 36222
Ion Ratio Lower Upper
45 100
77 39.1 9.9 49.9
79 35.0 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

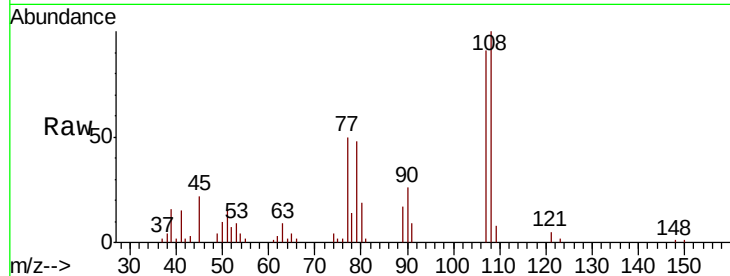




#17
2-Methylphenol
Concen: 10.000 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.0	132.0
77	54.6	47.2	70.8
79	52.9	44.1	66.1



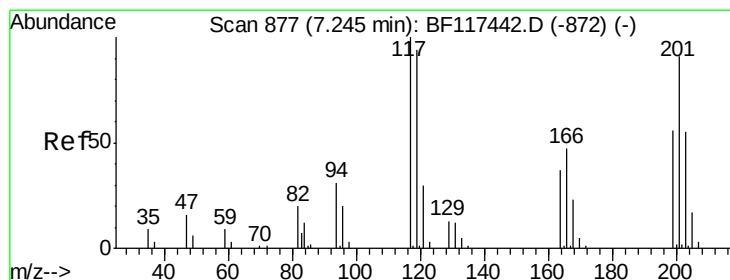
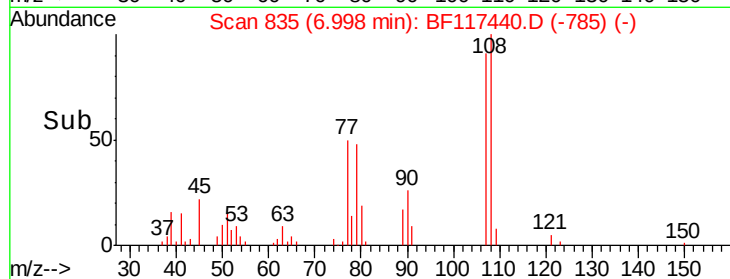
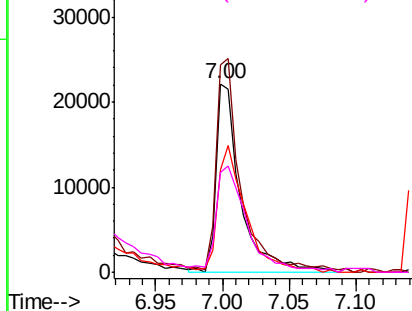
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

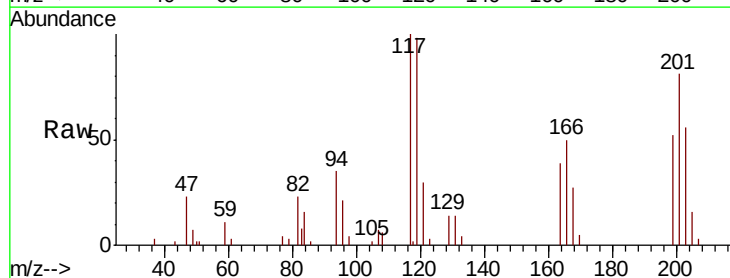
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 9.868 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.4	113.0
201	81.0	72.5	108.7

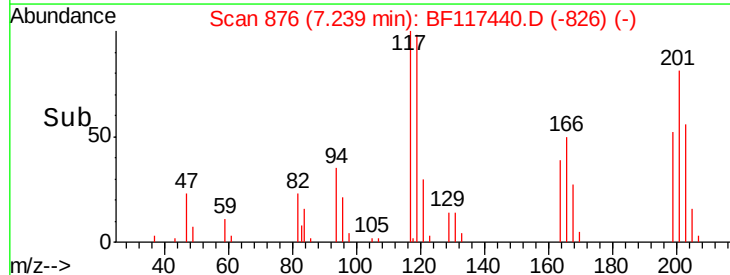
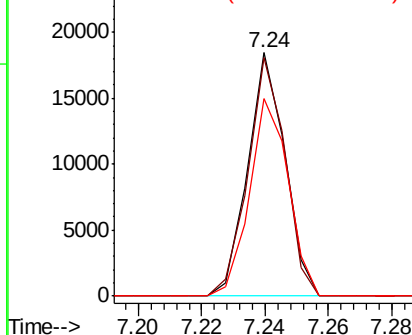


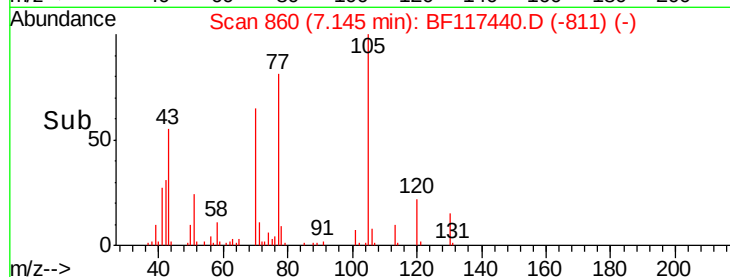
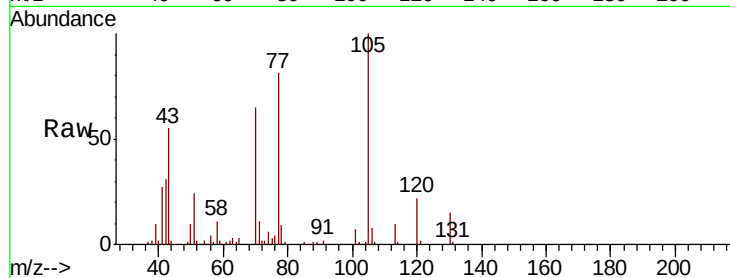
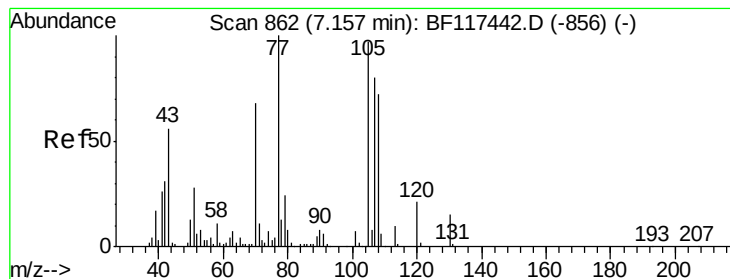
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 10.180 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 26686

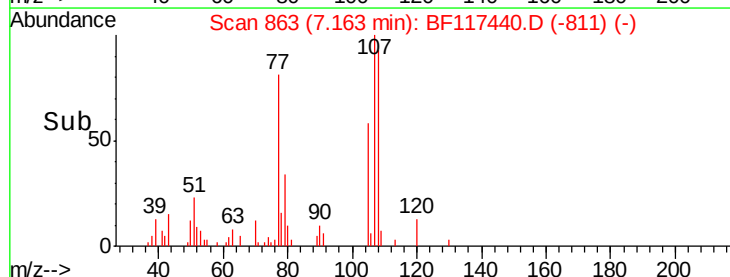
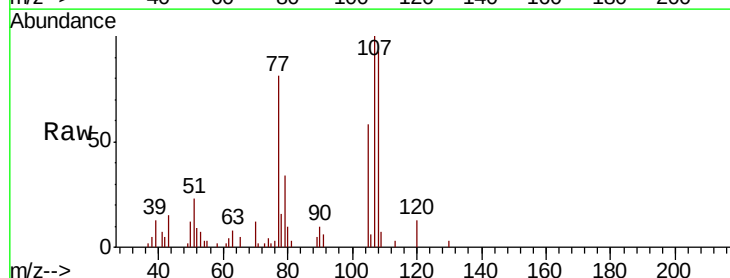
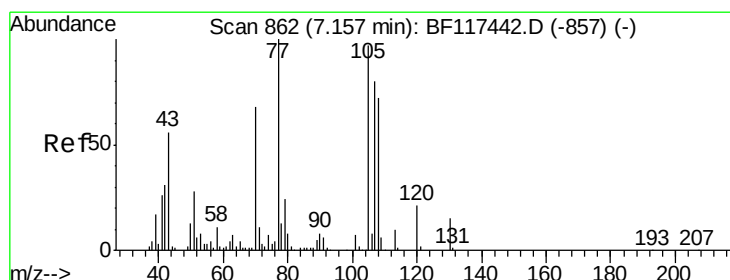
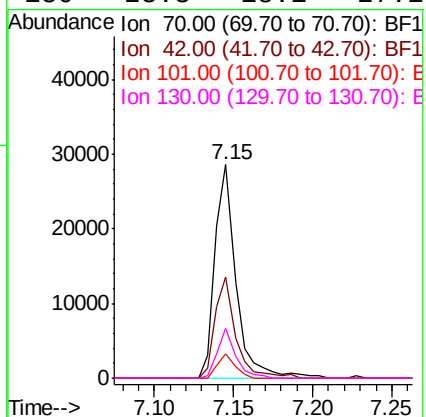
Ion Ratio Lower Upper

70 100

42 47.4 36.7 55.1

101 11.1 8.3 12.5

130 23.3 18.1 27.1



#20

3+4-Methylphenols

Concen: 10.012 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Tgt Ion: 107 Resp: 37077

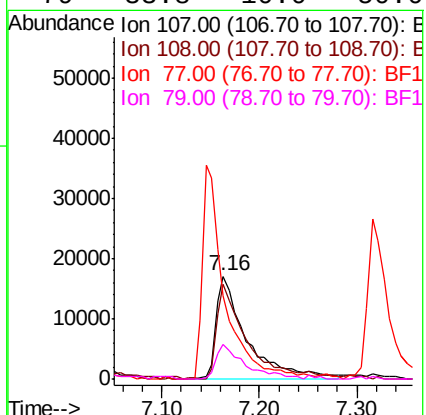
Ion Ratio Lower Upper

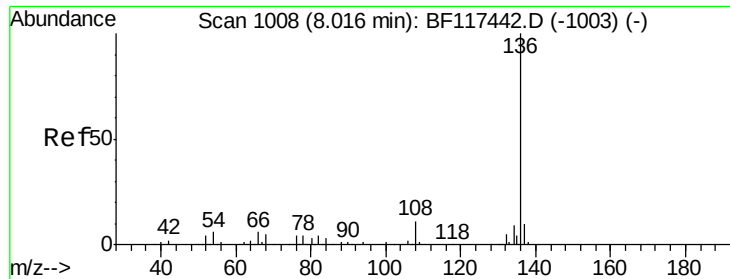
107 100

108 92.5 70.3 110.3

77 80.6 104.8 144.8#

79 33.8 10.0 50.0

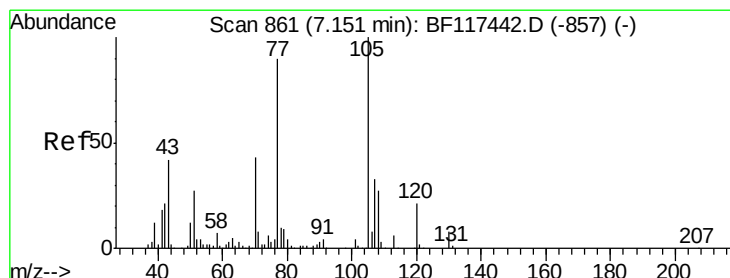
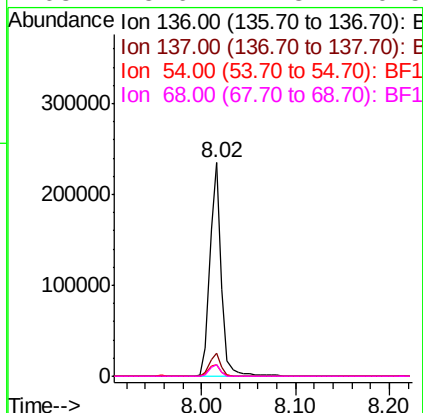
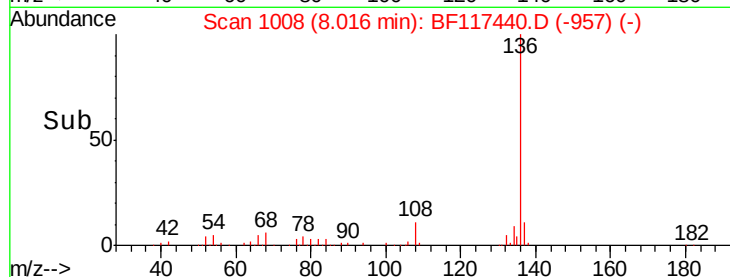
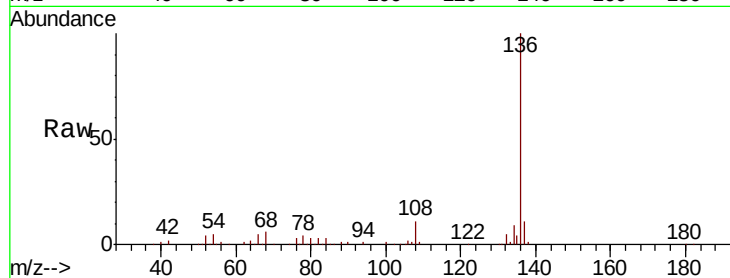




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

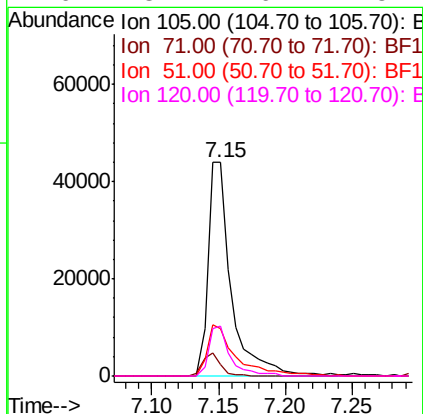
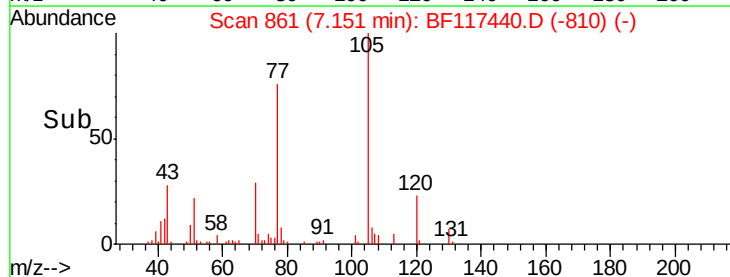
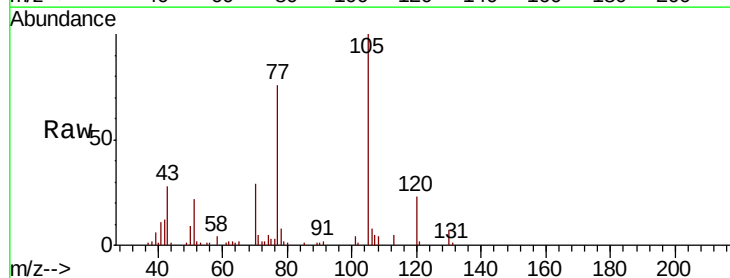
Instrument :
BNA_F
ClientSampleId :

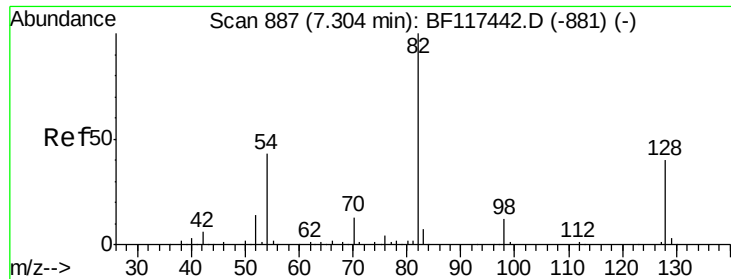
Tot Ion:136	Resp:	200921
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.2	12.4
54 5.2	4.5	6.7
68 5.6	4.3	6.5



#22
Acetophenone
Concen: 10.159 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt	Ion:105	Resp:	53561
Ion	Ratio	Lower	Upper
105	100		
71	5.4	6.2	9.2#
51	22.0	21.8	32.6
120	23.2	16.7	25.1

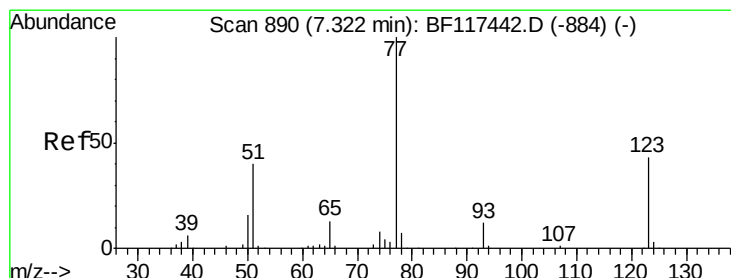
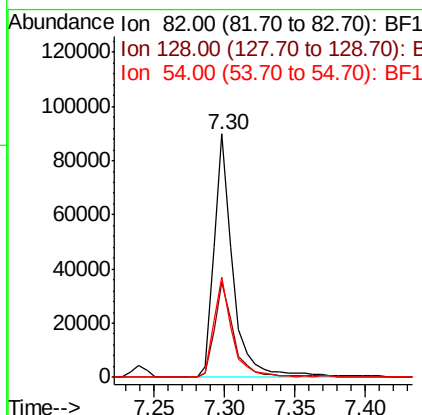
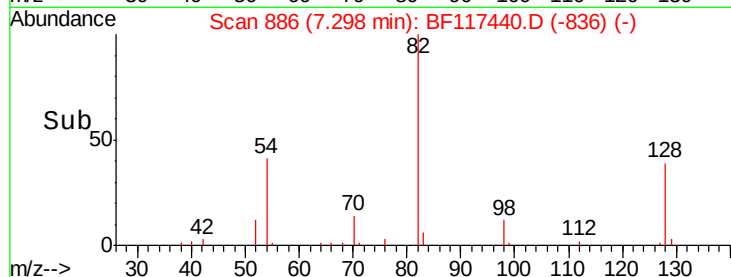
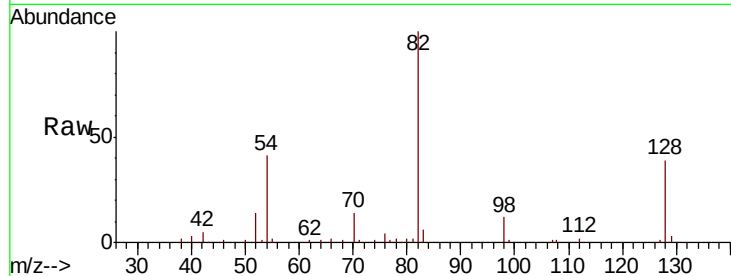




#23
Nitrobenzene-d5
Concen: 20.940 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

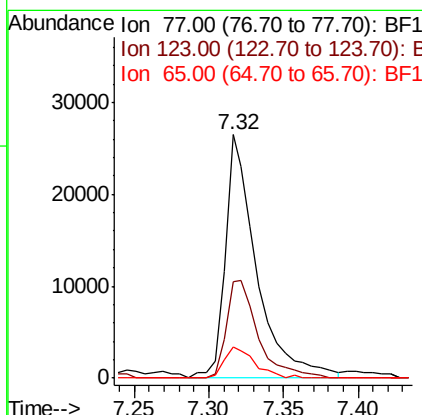
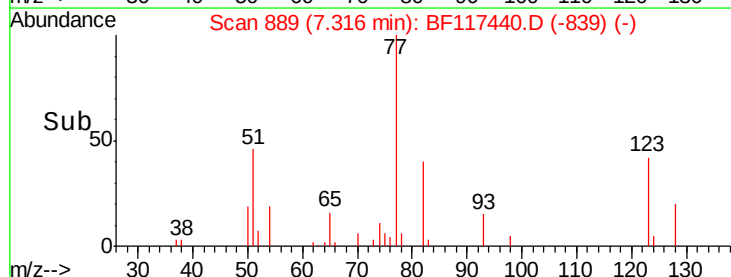
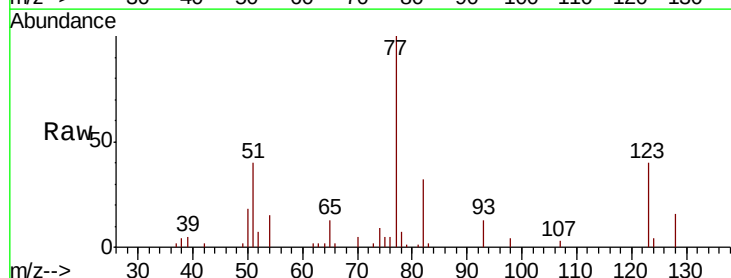
Instrument :
BNA_F
ClientSampleId :

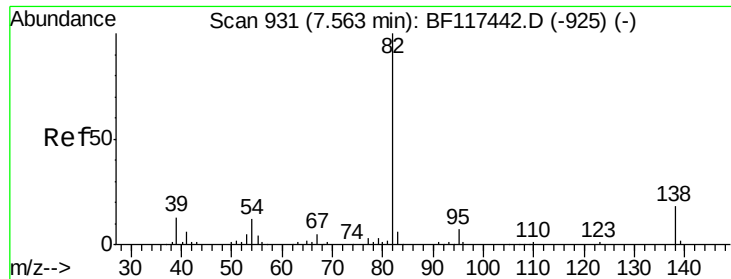
Tot Ion: 82 Resp: 83001
Ion Ratio Lower Upper
82 100
128 39.1 32.2 48.2
54 41.4 34.2 51.2



#24
Nitrobenzene
Concen: 9.823 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion: 77 Resp: 39002
Ion Ratio Lower Upper
77 100
123 39.6 34.2 51.2
65 13.0 10.3 15.5





#25

Isophorone

Concen: 10.453 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampleId :

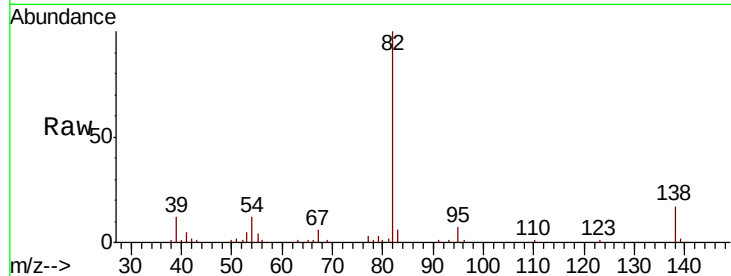
Tot Ion: 82 Resp: 73806

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

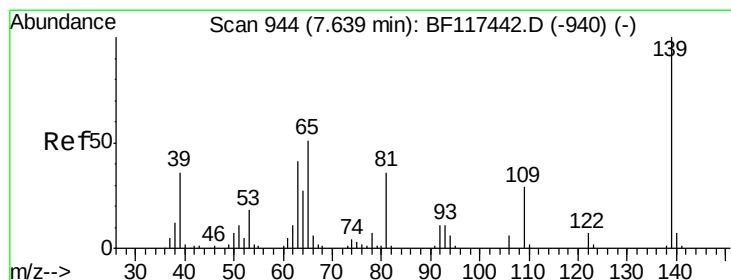
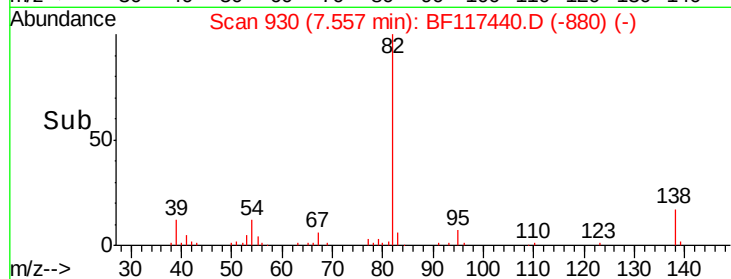
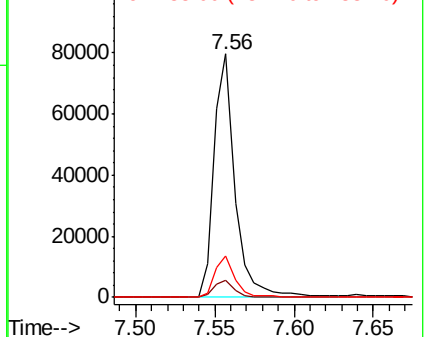
138 16.8 14.2 21.2



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: 9.392 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

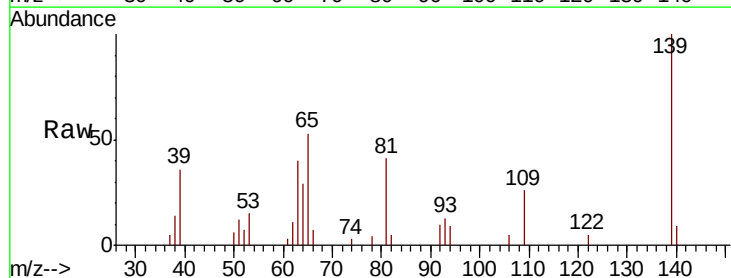
Tgt Ion: 139 Resp: 16545

Ion Ratio Lower Upper

139 100

109 26.2 23.2 34.8

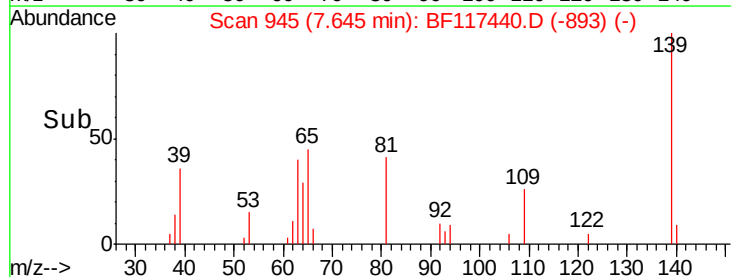
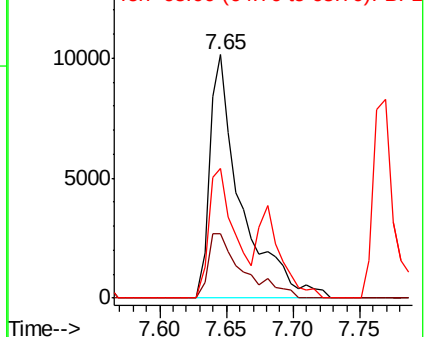
65 53.5 41.1 61.7

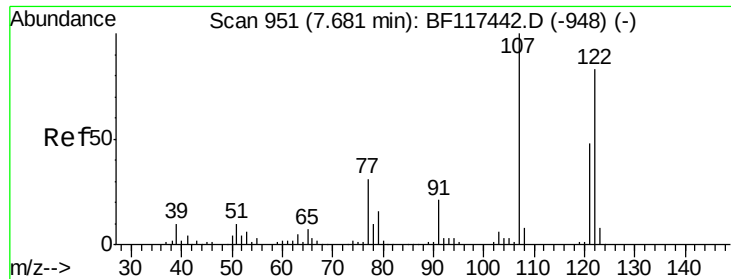


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

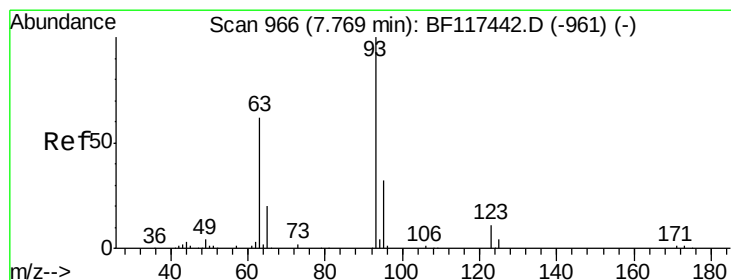
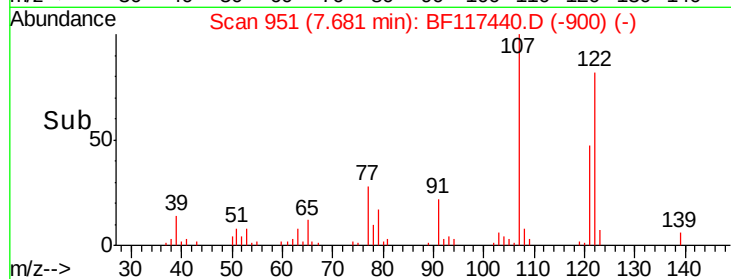
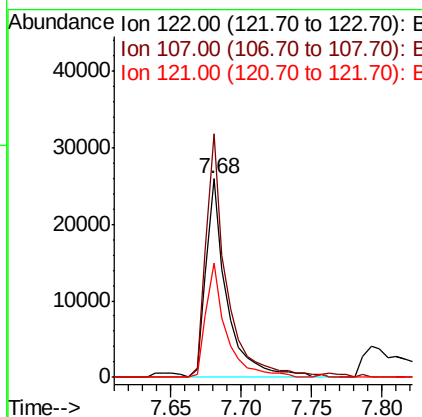
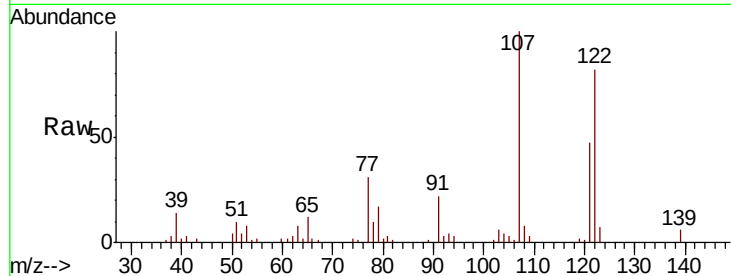




#27
 2,4-Dimethylphenol
 Concen: 9.942 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

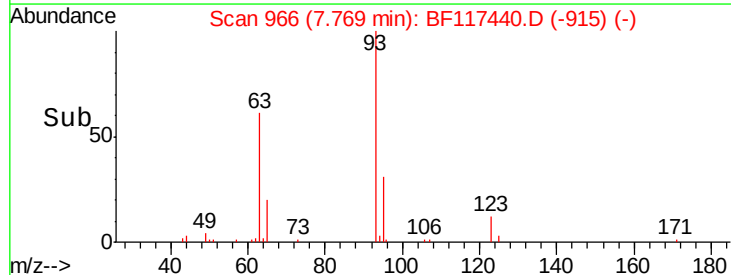
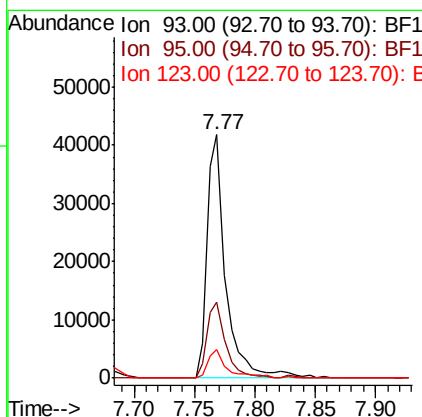
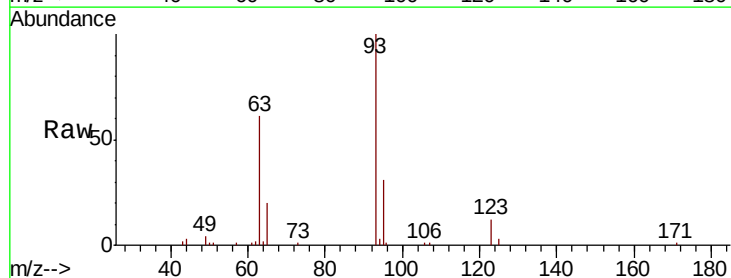
Instrument :
 BNA_F
 ClientSampleId :

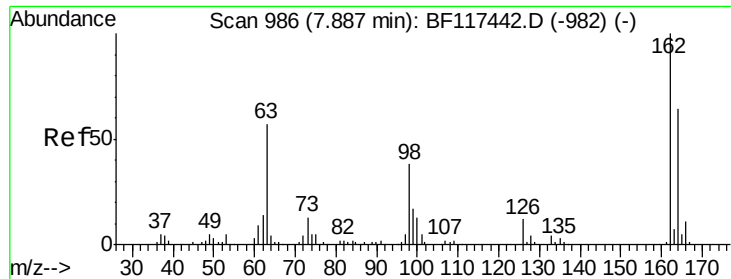
Tot Ion:122 Resp: 26619
 Ion Ratio Lower Upper
 122 100
 107 122.7 96.8 145.2
 121 57.6 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 10.170 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion: 93 Resp: 44517
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.5 38.3
 123 11.9 9.0 13.6

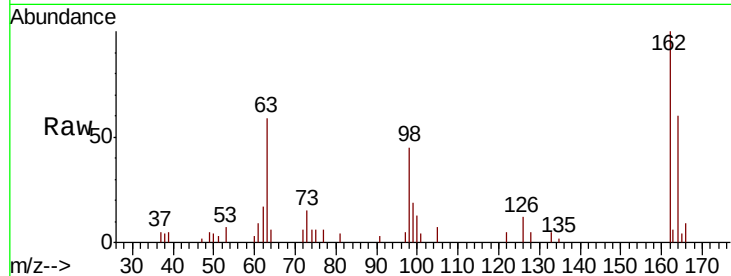




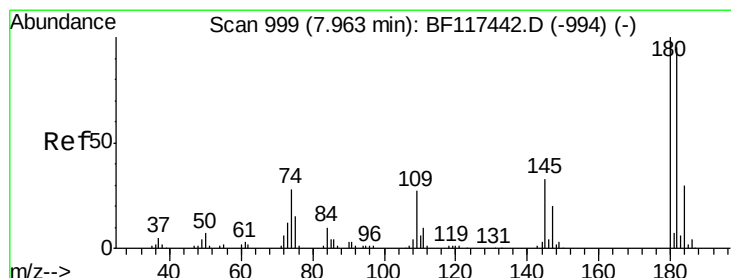
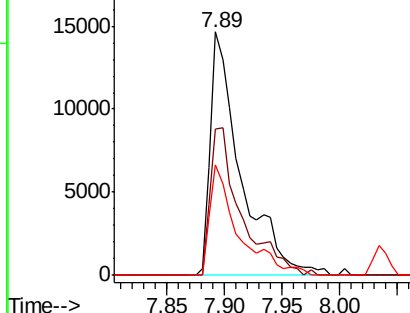
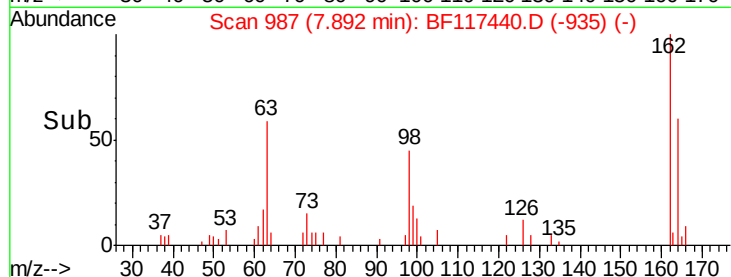
#29
2,4-Dichlorophenol
Concen: 9.808 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 27096
Ion Ratio Lower Upper
162 100
164 60.0 44.4 84.4
98 45.5 18.2 58.2

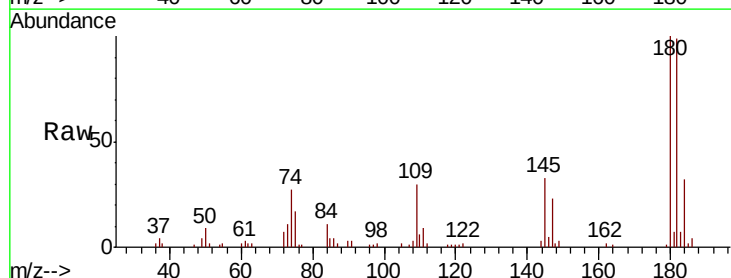


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

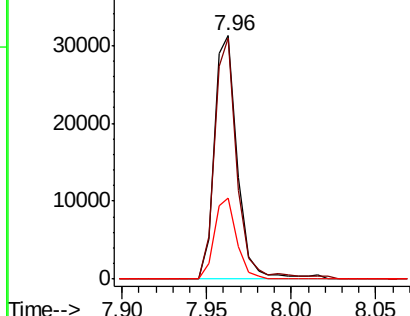
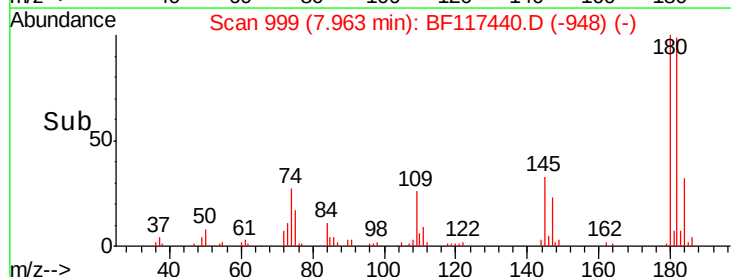


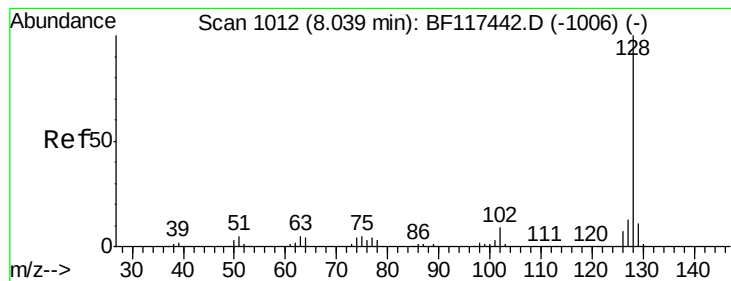
#30
1,2,4-Trichlorobenzene
Concen: 10.124 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:180 Resp: 30151
Ion Ratio Lower Upper
180 100
182 98.8 75.8 113.8
145 33.2 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: 10.405 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampled :

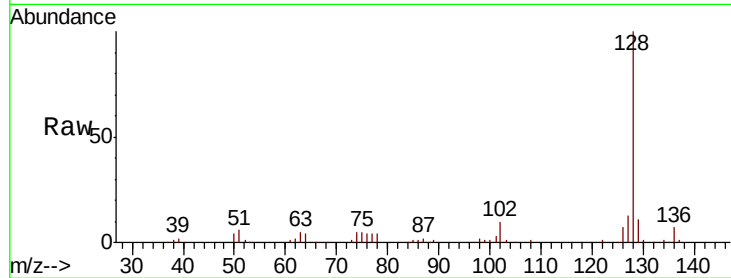
Tot Ion:128 Resp: 104406

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

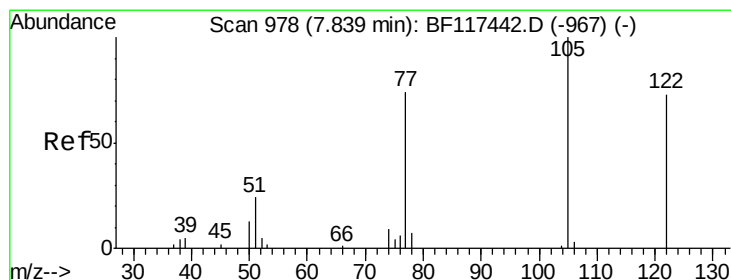
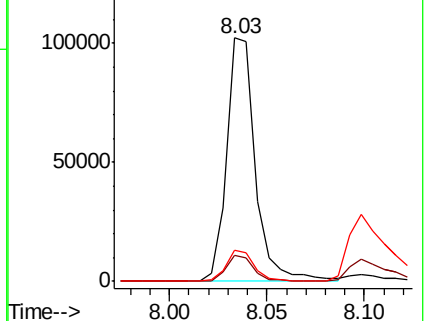
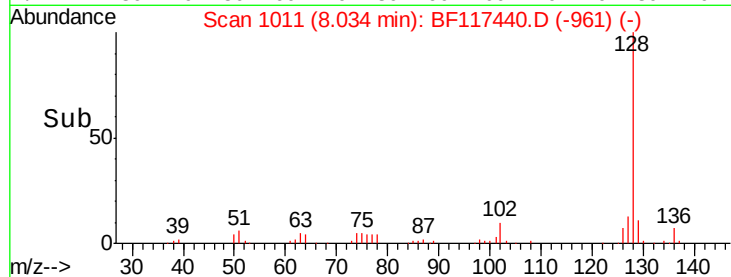
127 12.9 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.275 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.05 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

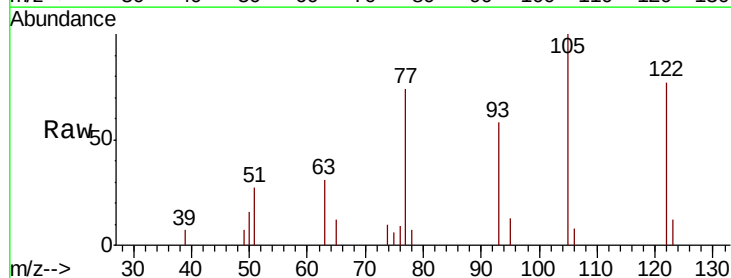
Tgt Ion:122 Resp: 13795

Ion Ratio Lower Upper

122 100

105 129.7 115.0 155.0

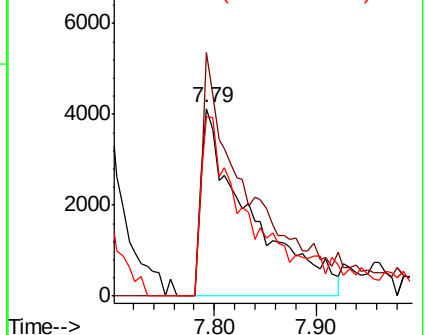
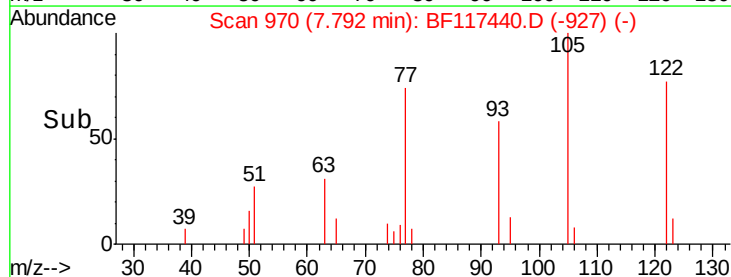
77 96.0 79.7 119.7

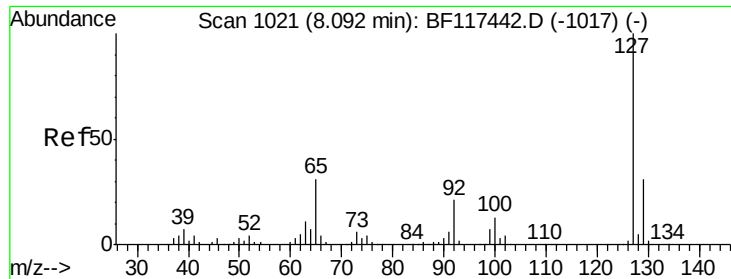


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

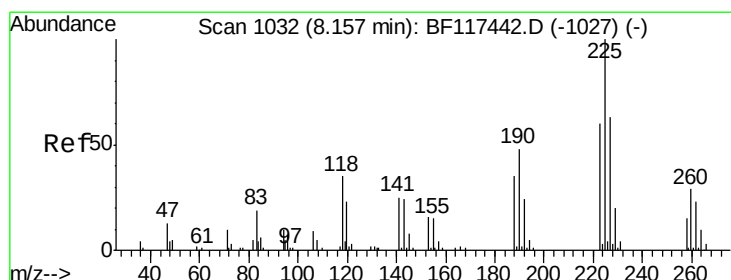
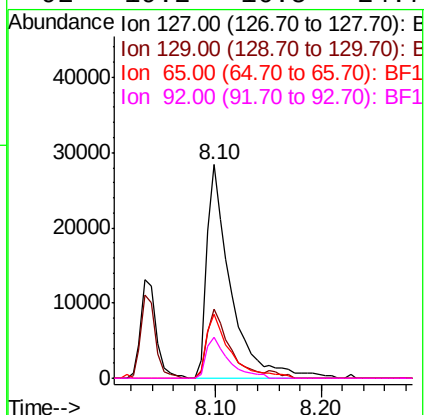
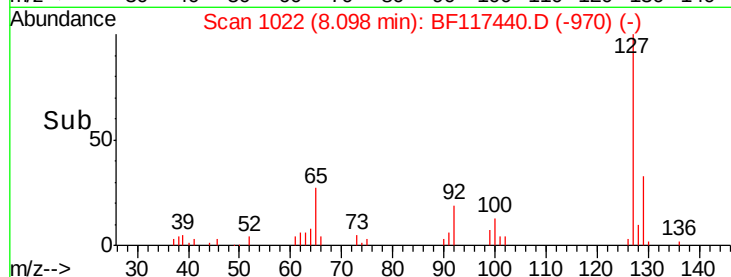
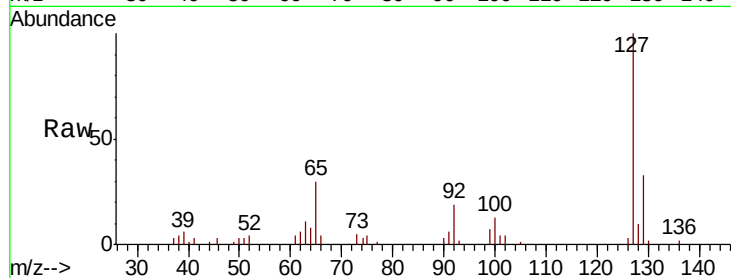




#33
4-Chloroaniline
Concen: 10.486 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

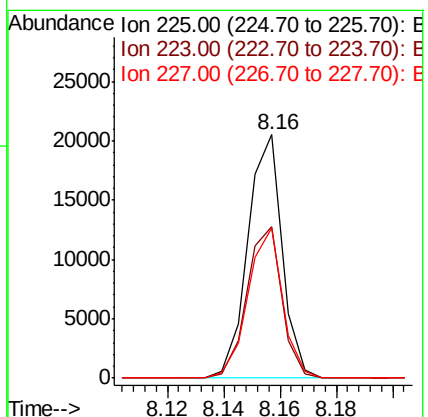
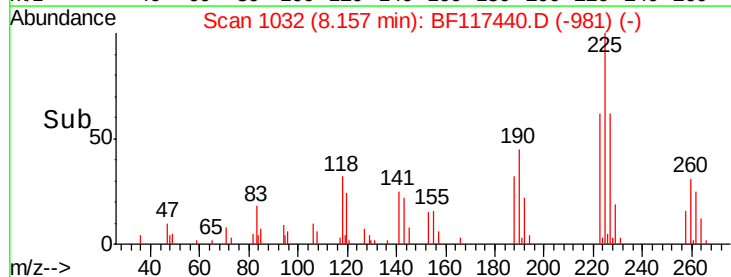
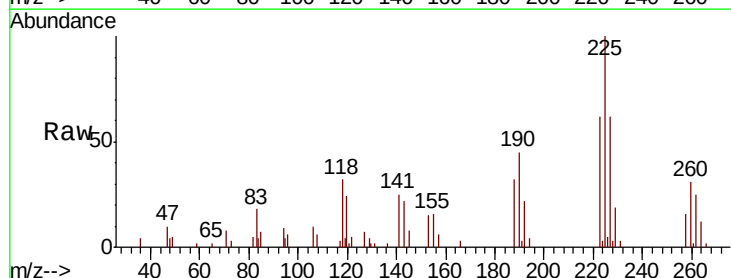
Instrument :
BNA_F
ClientSampleId :

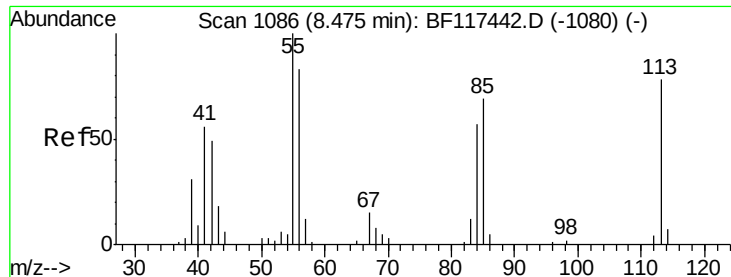
Tot Ion:127 Resp: 44685
Ion Ratio Lower Upper
127 100
129 32.6 24.8 37.2
65 29.8 24.6 37.0
92 19.2 16.5 24.7



#34
Hexachlorobutadiene
Concen: 10.145 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:225 Resp: 17303
Ion Ratio Lower Upper
225 100
223 62.1 48.2 72.4
227 61.6 50.2 75.4

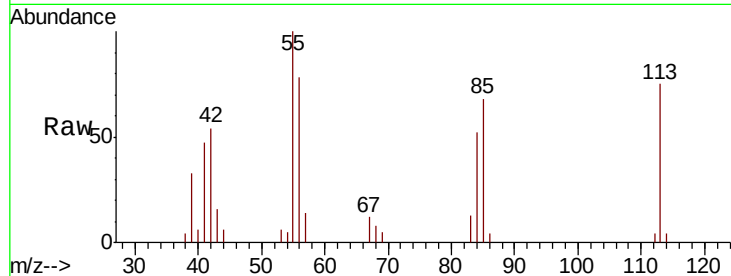




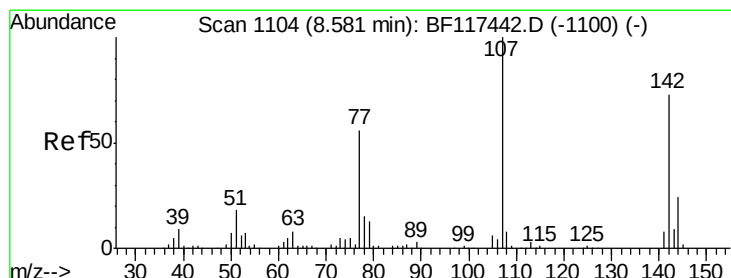
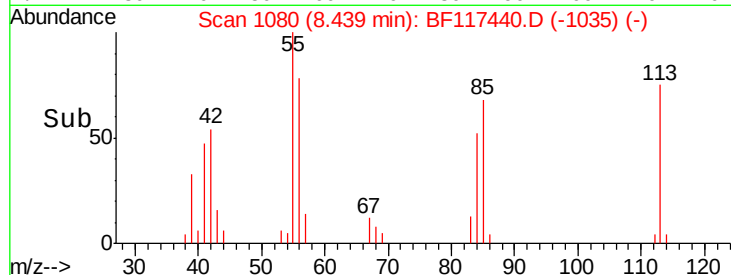
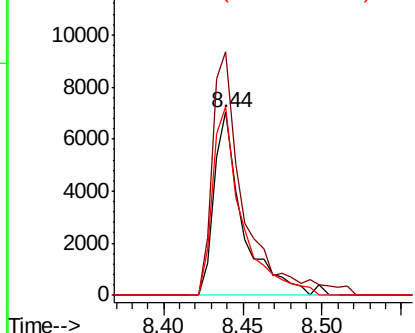
#35
 Caprolactam
 Concen: 10.286 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.04 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 8899
 Ion Ratio Lower Upper
 113 100
 55 133.0 108.8 148.8
 56 103.3 87.2 127.2

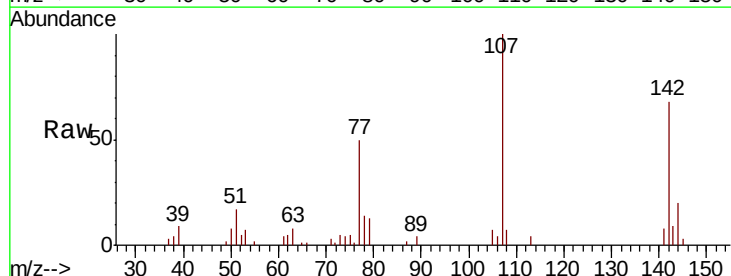


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

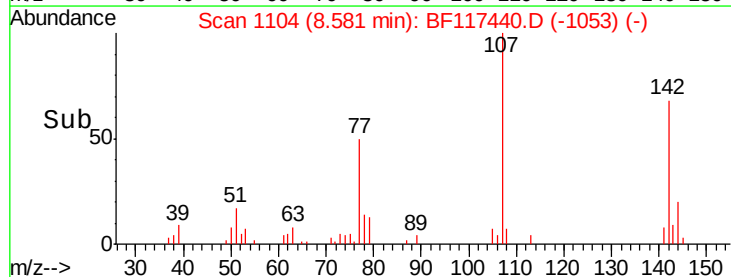
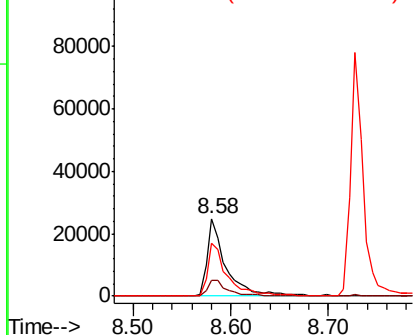


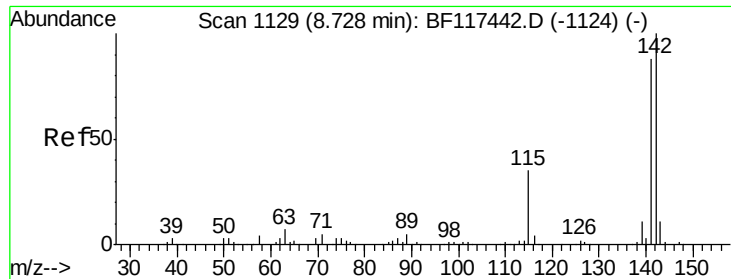
#36
 4-Chloro-3-methylphenol
 Concen: 10.464 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion:107 Resp: 32892
 Ion Ratio Lower Upper
 107 100
 144 20.1 18.9 28.3
 142 68.5 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

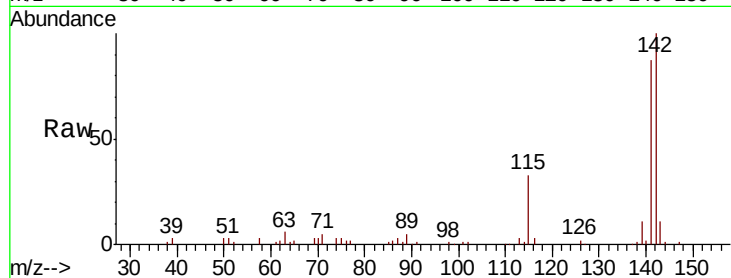




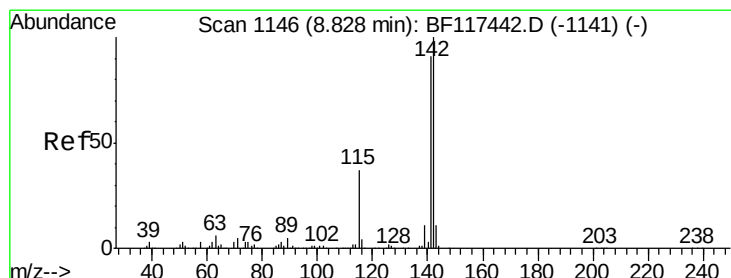
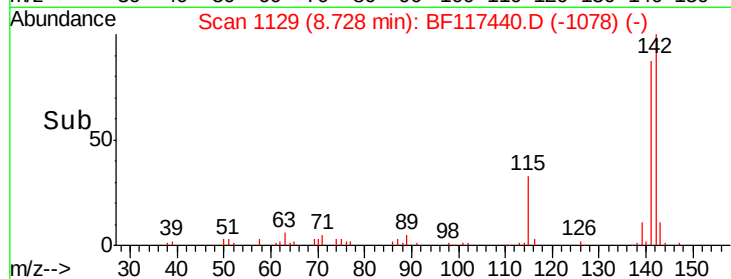
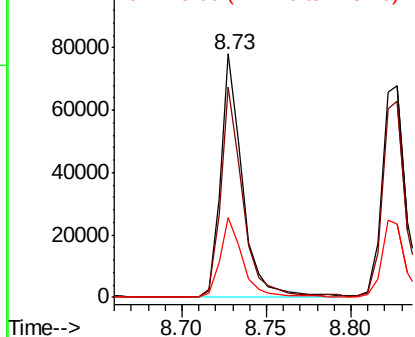
#37
2-Methylnaphthalene
Concen: 10.418 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 70589
Ion Ratio Lower Upper
142 100
141 86.6 70.3 105.5
115 32.7 28.2 42.2

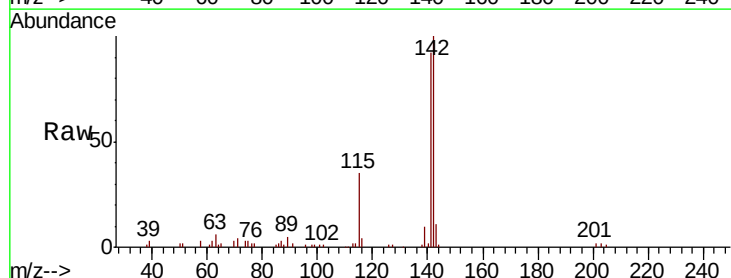


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

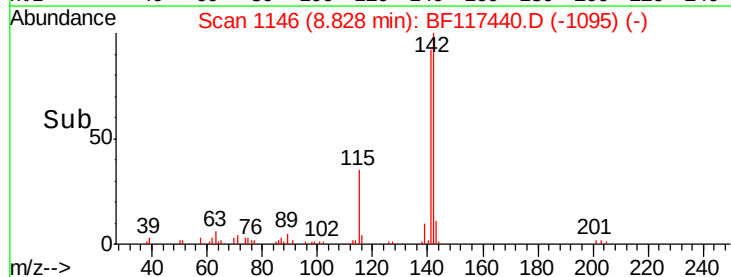
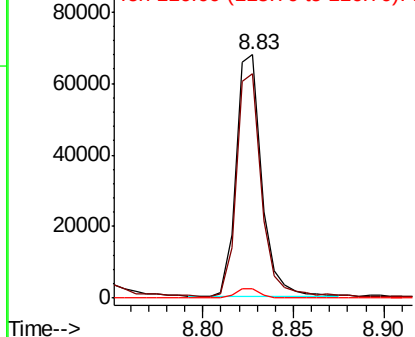


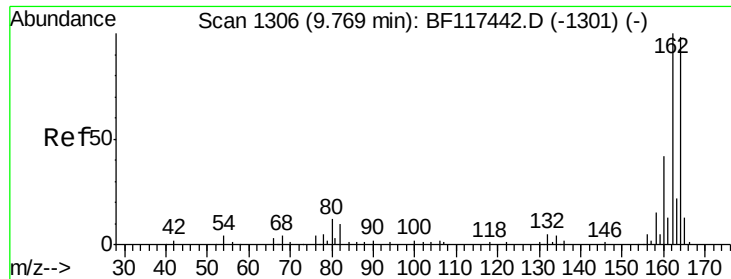
#38
1-Methylnaphthalene
Concen: 10.444 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:142 Resp: 66674
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9
116 3.6 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

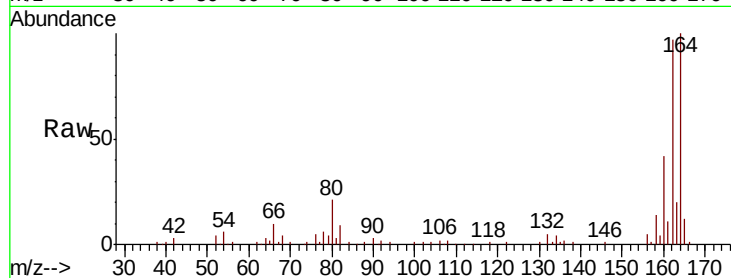




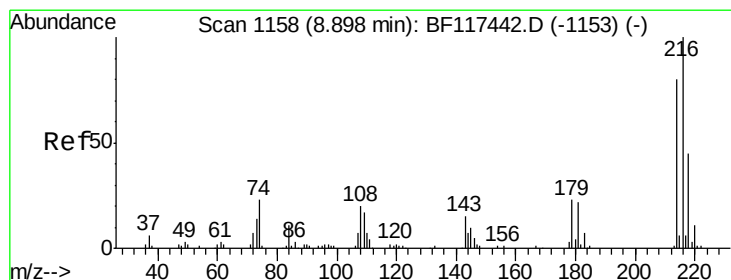
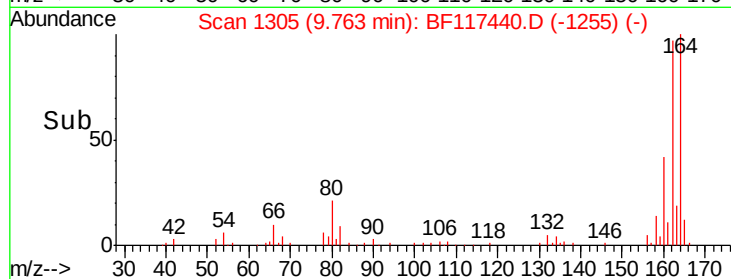
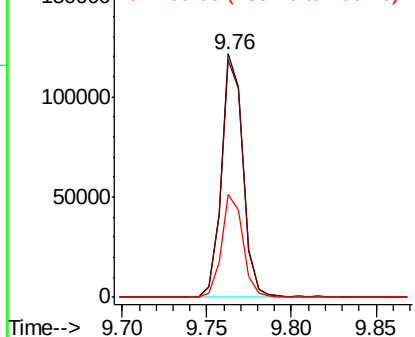
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 107483
Ion Ratio Lower Upper
164 100
162 97.2 81.8 122.6
160 42.4 34.4 51.6

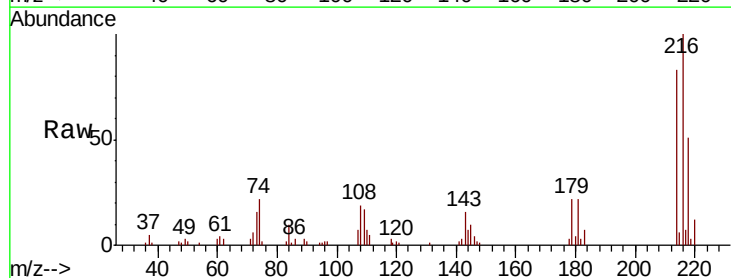


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

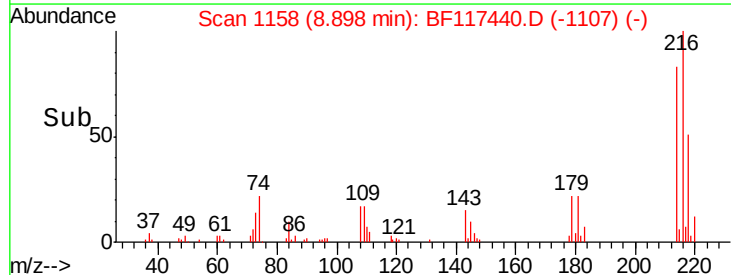
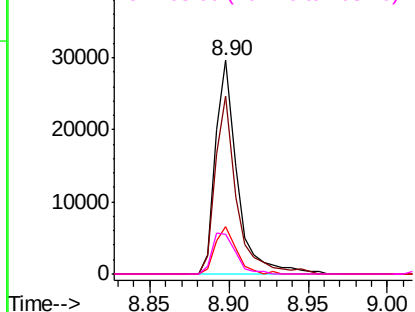


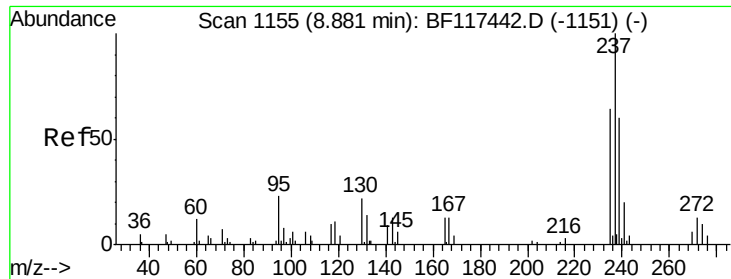
#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.880 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:216 Resp: 28581
Ion Ratio Lower Upper
216 100
214 81.4 62.4 93.6
179 21.7 18.1 27.1
108 20.9 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

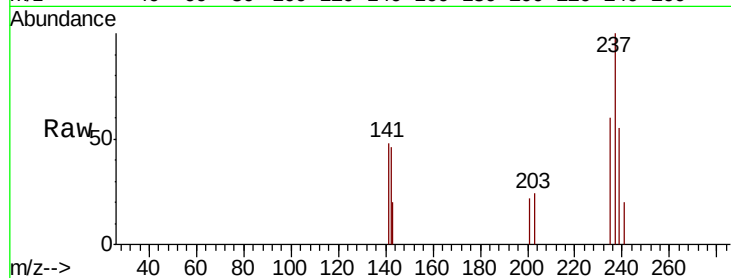




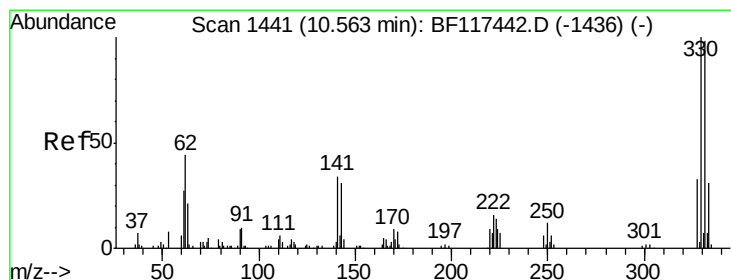
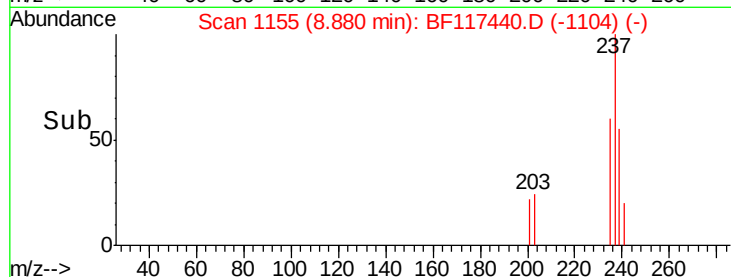
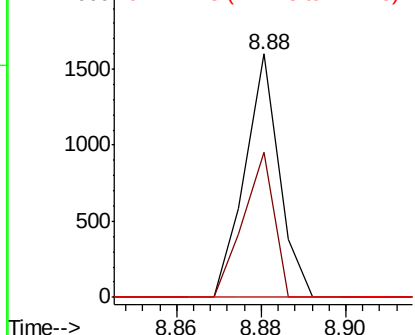
#41
Hexachlorocyclopentadiene
Concen: 1.677 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 906
Ion Ratio Lower Upper
237 100
235 59.5 44.3 84.3
272 0.0 0.0 33.2

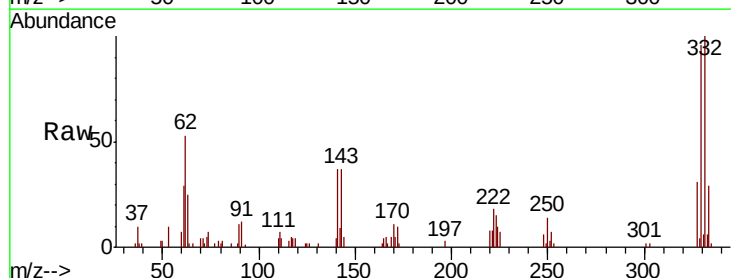


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

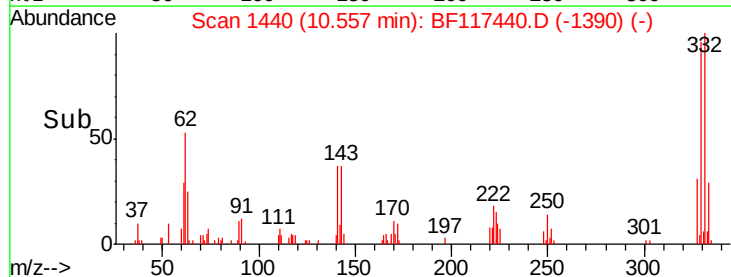
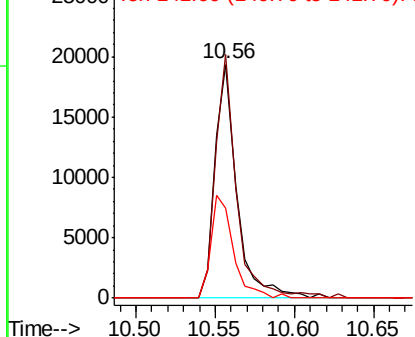


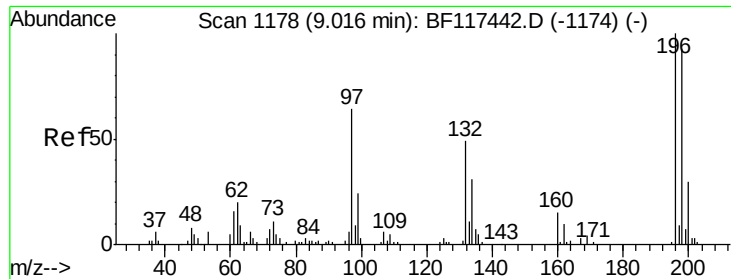
#42
2,4,6-Tribromophenol
Concen: 21.450 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:330 Resp: 18764
Ion Ratio Lower Upper
330 100
332 100.0 78.5 117.7
141 44.7 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

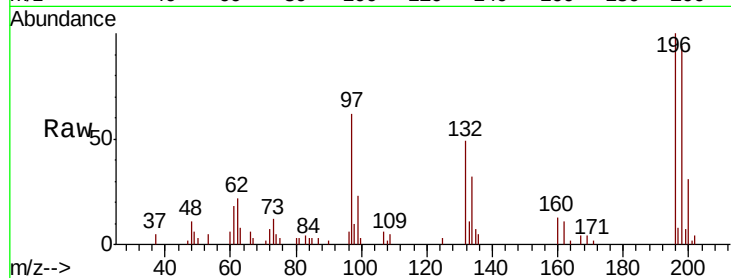




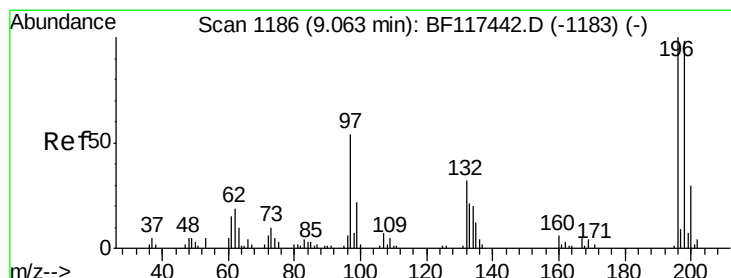
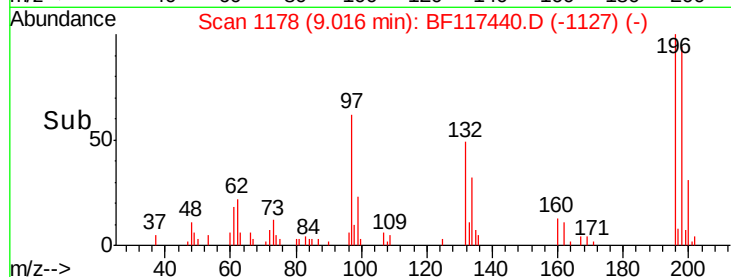
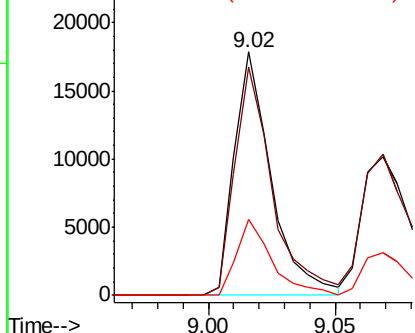
#43
 2,4,6-Trichlorophenol
 Concen: 9.905 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 18132
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.1 111.1
 200 31.2 23.9 35.9

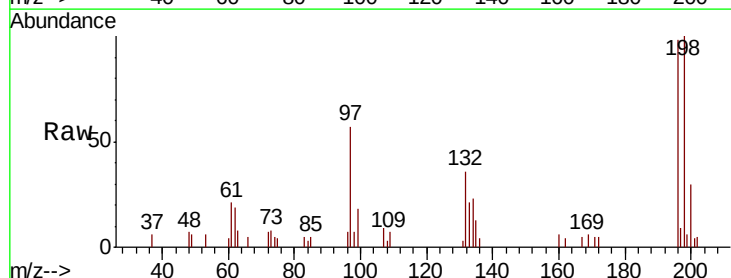


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

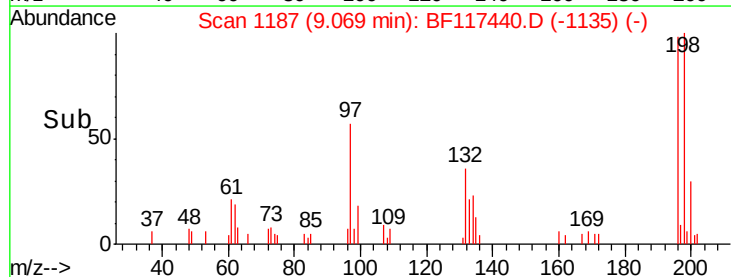
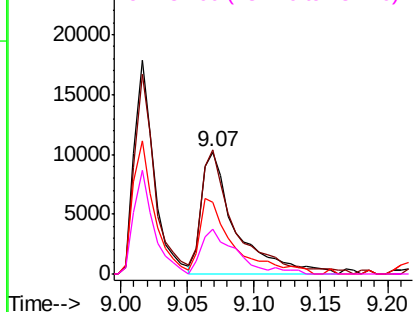


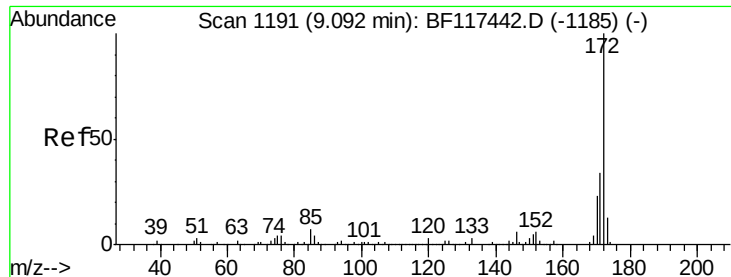
#44
 2,4,5-Trichlorophenol
 Concen: 9.771 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion:196 Resp: 18245
 Ion Ratio Lower Upper
 196 100
 198 101.7 78.6 117.8
 97 58.5 43.4 65.2
 132 37.0 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

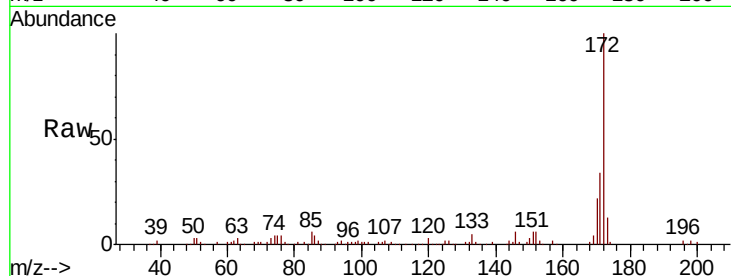




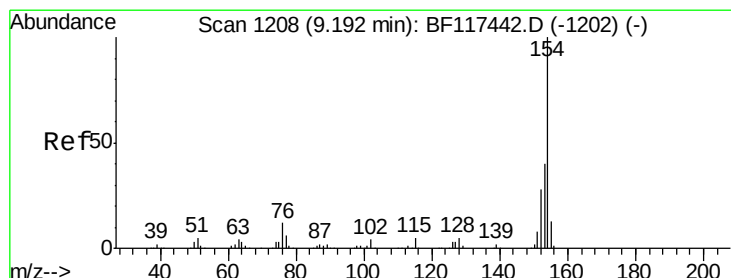
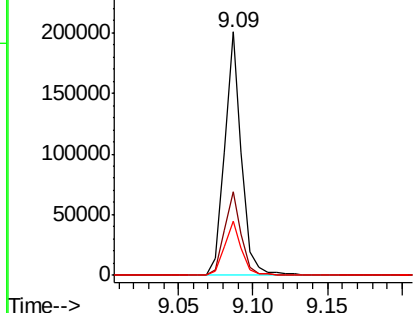
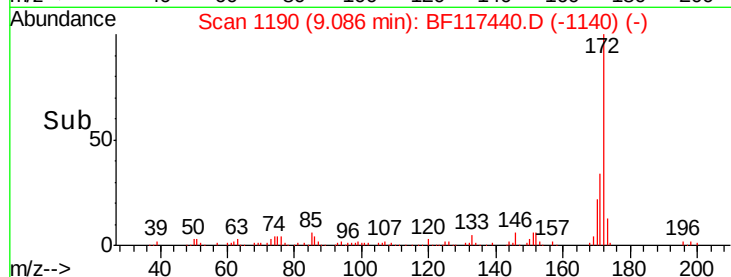
#45
2-Fluorobiphenyl
Concen: 21.706 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 160032
Ion Ratio Lower Upper
172 100
171 34.2 27.5 41.3
170 22.0 18.6 27.8

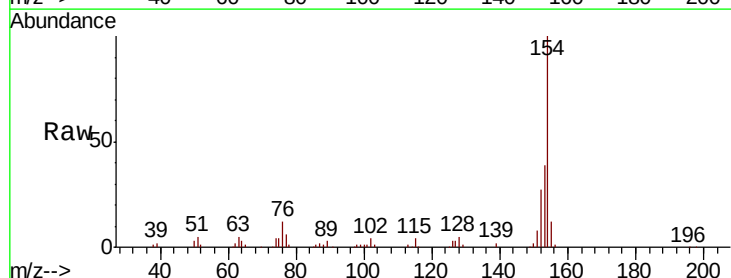


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

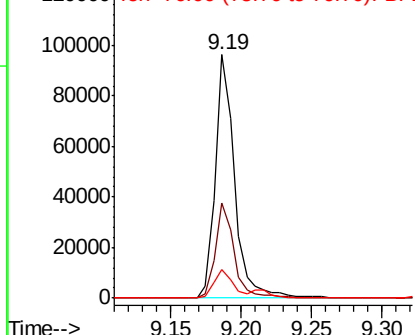
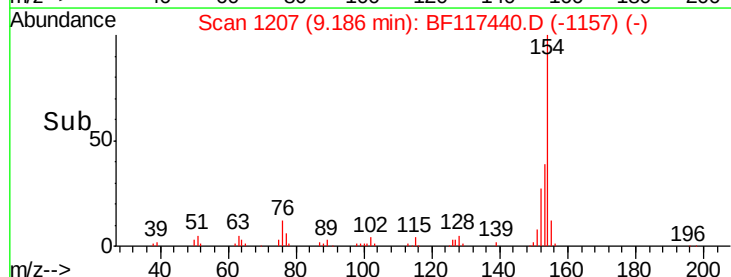


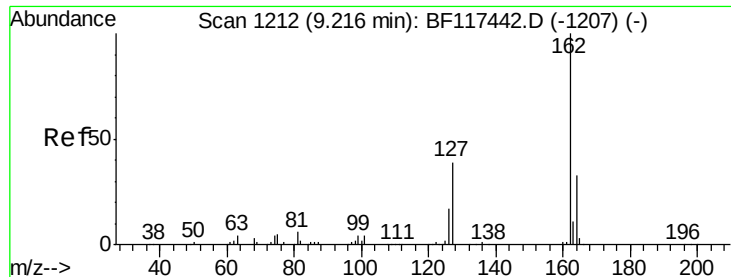
#46
1,1'-Biphenyl
Concen: 10.480 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:154 Resp: 92026
Ion Ratio Lower Upper
154 100
153 38.8 20.2 60.2
76 11.6 0.0 32.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

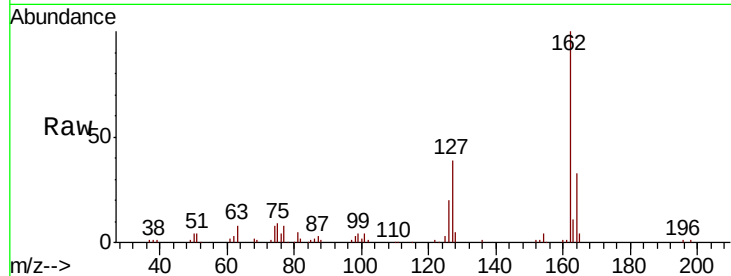




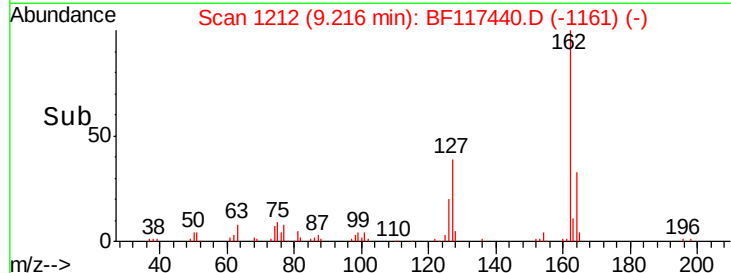
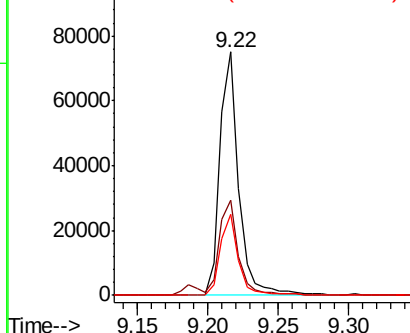
#47
 2-Chloronaphthalene
 Concen: 10.184 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	34.2	51.4
164	33.3	26.4	39.6

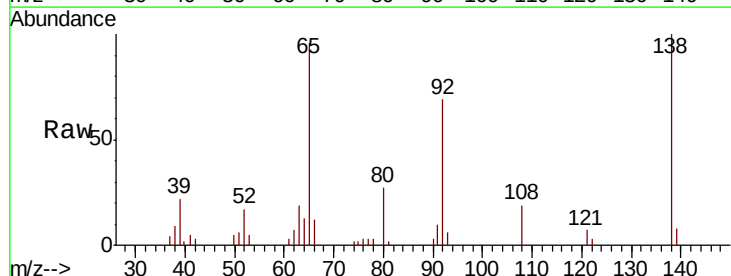
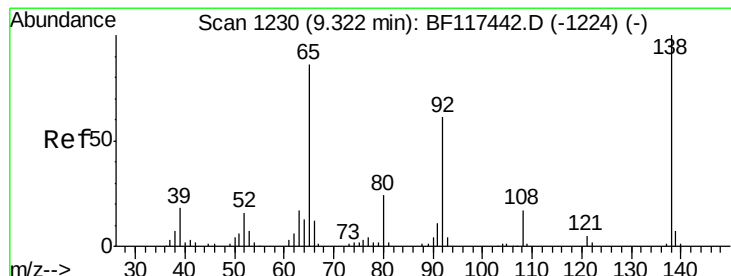


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

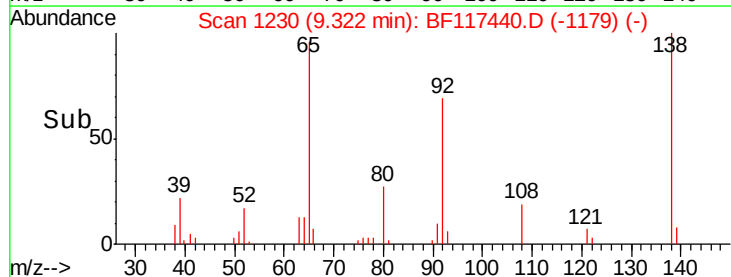
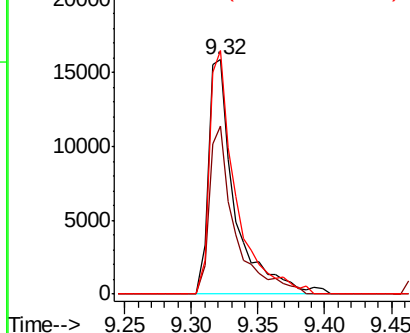


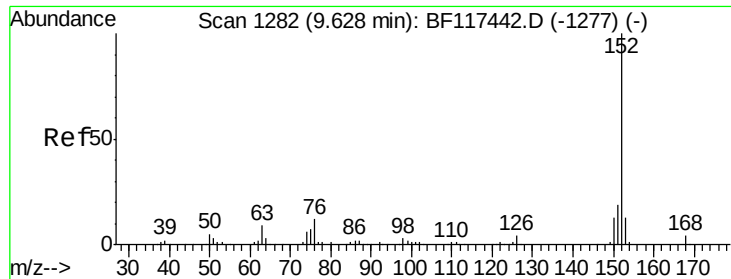
#48
 2-Nitroaniline
 Concen: 10.115 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.3	85.9
138	103.9	93.3	139.9



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 10.309 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampleId :

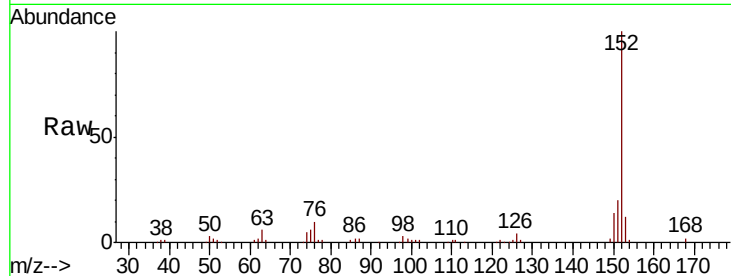
Tot Ion:152 Resp: 103444

Ion Ratio Lower Upper

152 100

151 19.8 15.4 23.0

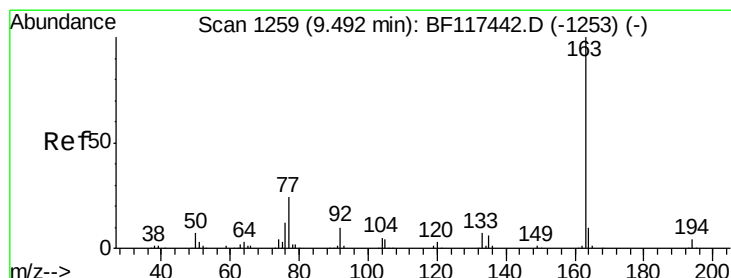
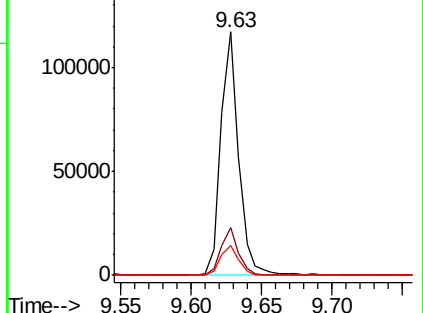
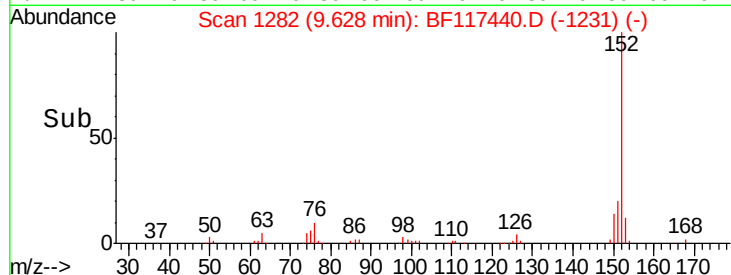
153 12.0 10.3 15.5



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: 10.349 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

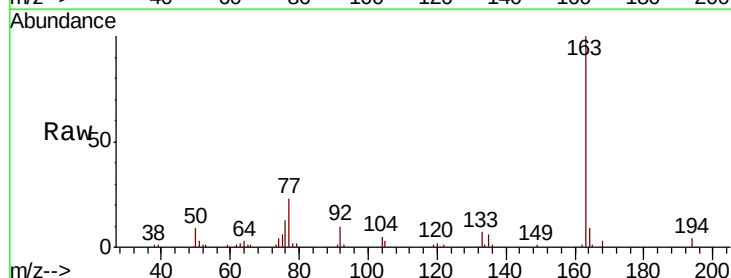
Tgt Ion:163 Resp: 79885

Ion Ratio Lower Upper

163 100

194 4.2 2.9 4.3

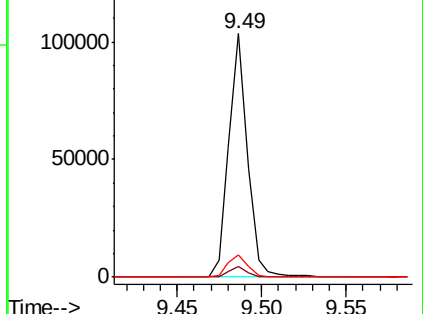
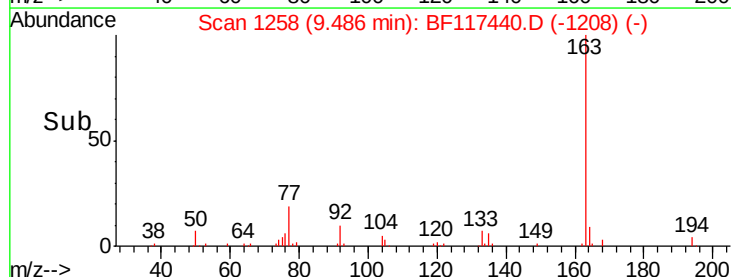
164 9.4 8.2 12.2

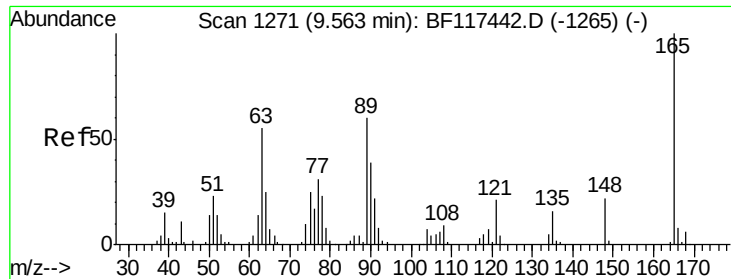


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

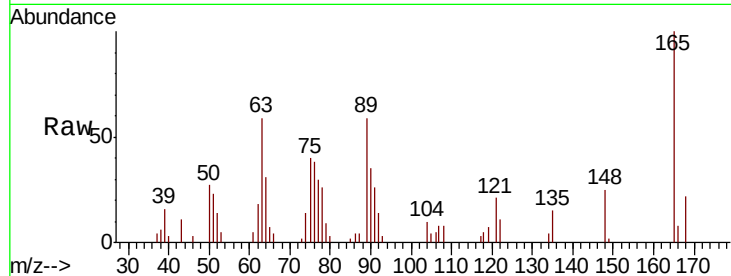




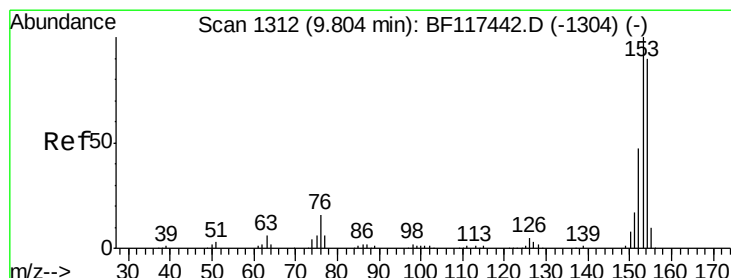
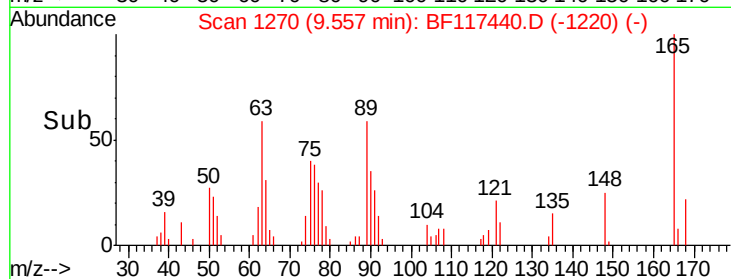
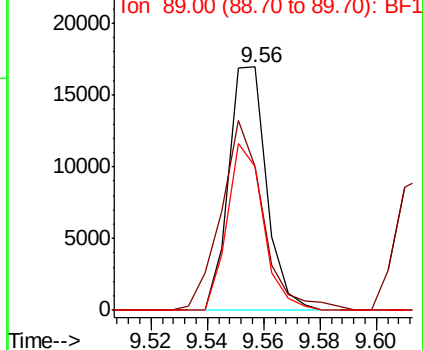
#51
2,6-Dinitrotoluene
Concen: 9.771 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 15854
Ion Ratio Lower Upper
165 100
63 59.3 43.8 65.8
89 59.1 47.6 71.4

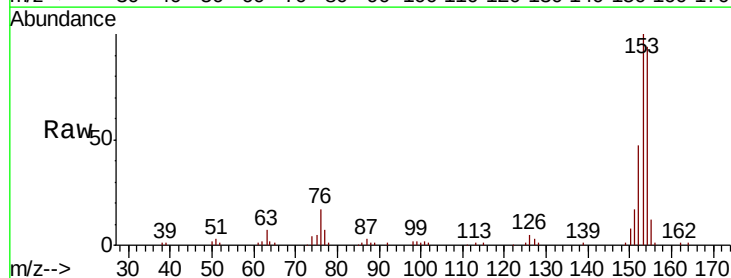


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

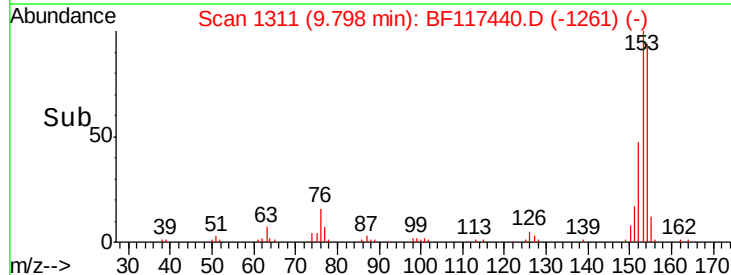
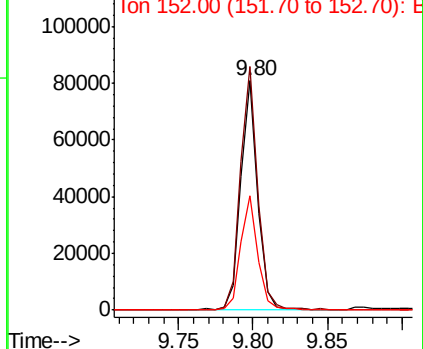


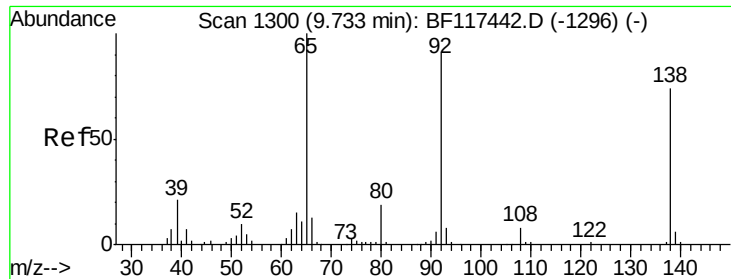
#52
Acenaphthene
Concen: 10.535 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:154 Resp: 64234
Ion Ratio Lower Upper
154 100
153 106.2 89.2 133.8
152 49.7 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

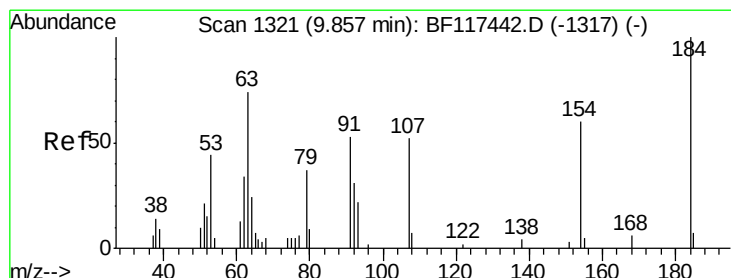
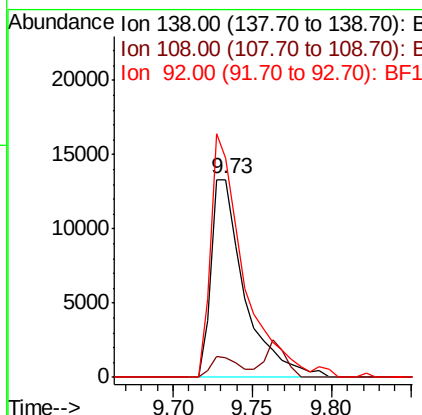
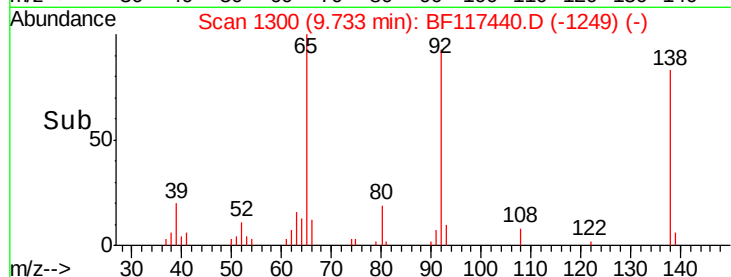
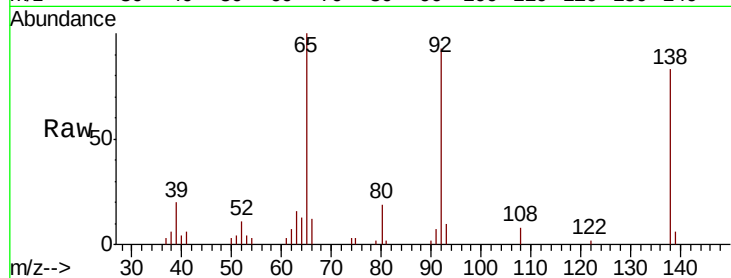




#53
 3-Nitroaniline
 Concen: 9.919 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

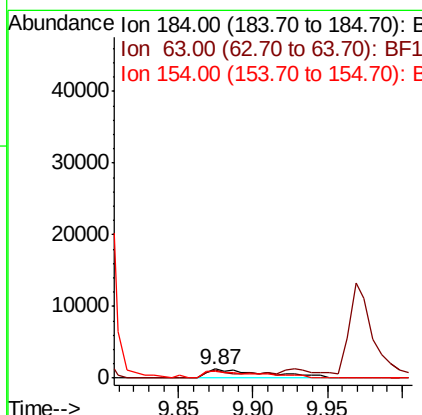
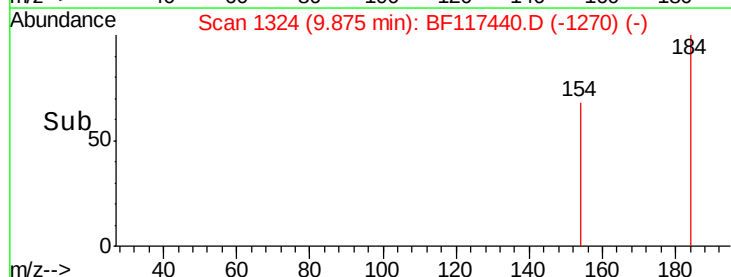
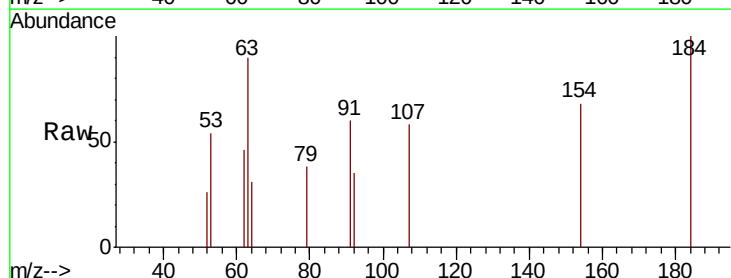
Instrument :
 BNA_F
 ClientSampleId :

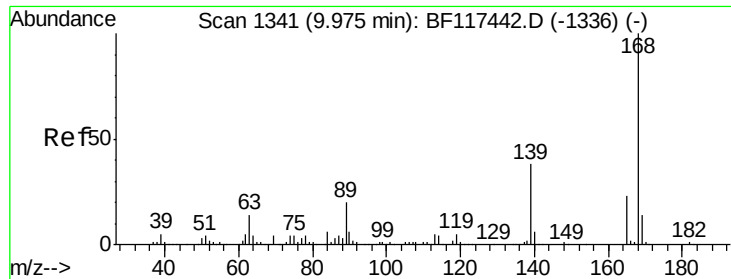
Tot Ion:138 Resp: 19653
 Ion Ratio Lower Upper
 138 100
 108 9.8 8.7 13.1
 92 111.3 98.4 147.6



#54
 2,4-Dinitrophenol
 Concen: 5.521 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.02 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion:184 Resp: 3432
 Ion Ratio Lower Upper
 184 100
 63 90.2 59.2 88.8#
 154 68.2 53.4 80.0

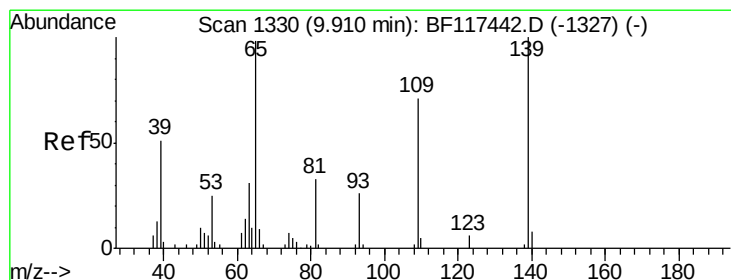
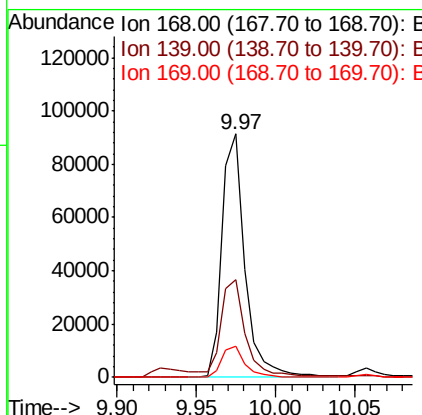
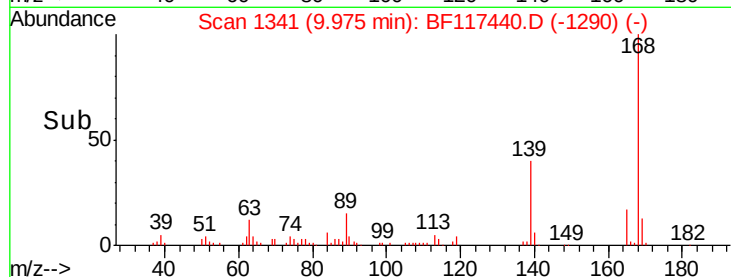
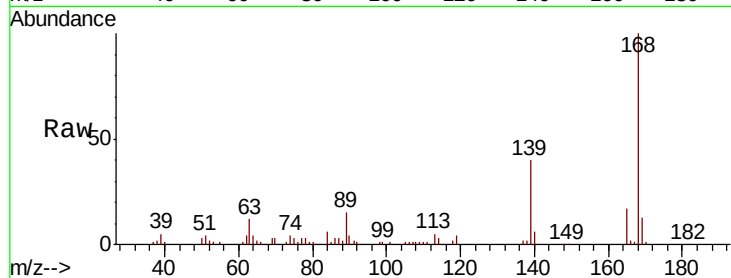




#55
Dibenzofuran
Concen: 10.359 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

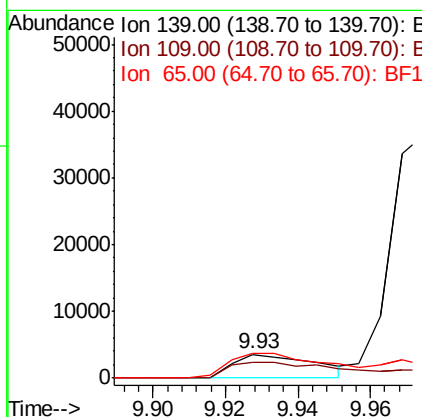
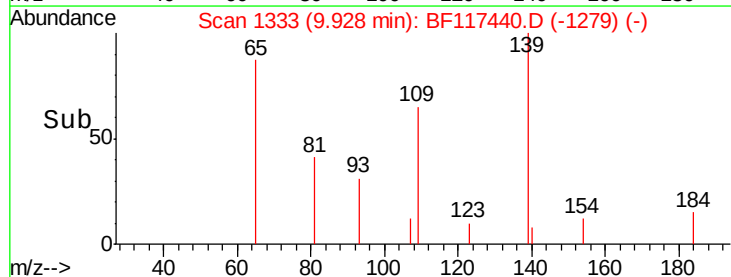
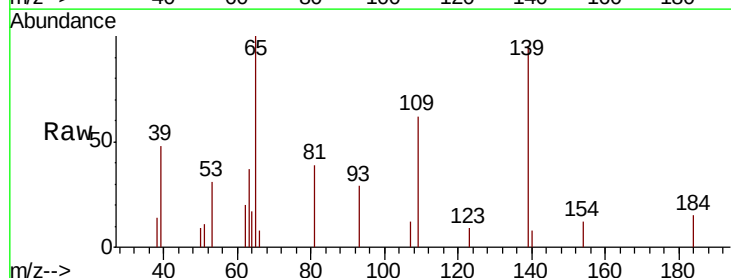
Instrument :
BNA_F
ClientSampleId :

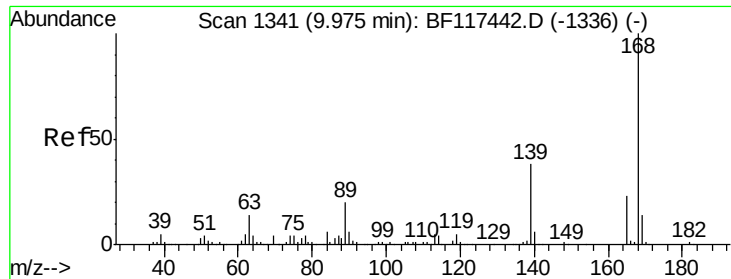
Tot Ion:168 Resp: 92138
Ion Ratio Lower Upper
168 100
139 39.9 31.8 47.6
169 12.8 11.2 16.8



#56
4-Nitrophenol
Concen: 7.054 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:139 Resp: 5562
Ion Ratio Lower Upper
139 100
109 65.5 51.4 91.4
65 105.1 79.4 119.4

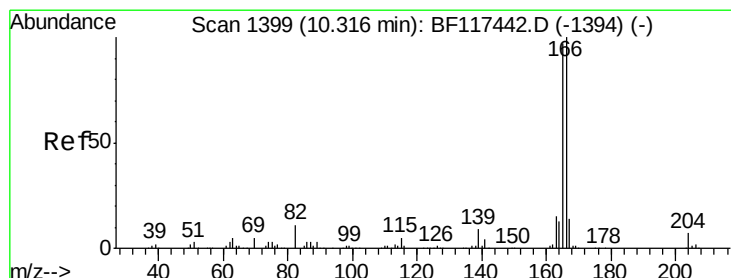
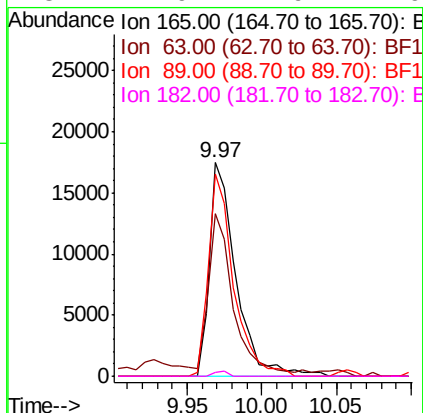
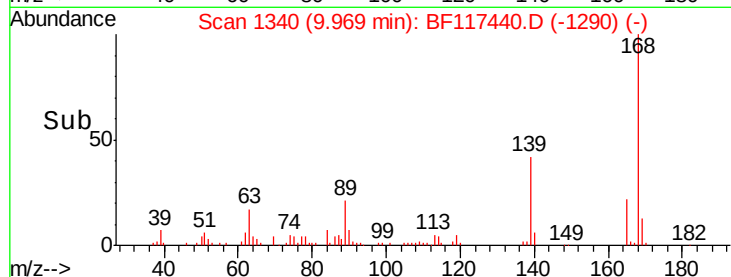
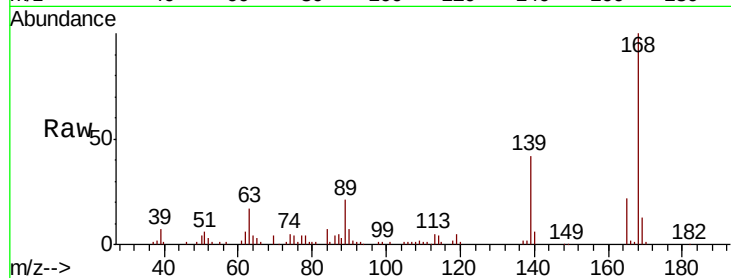




#57
2,4-Dinitrotoluene
Concen: 10.064 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

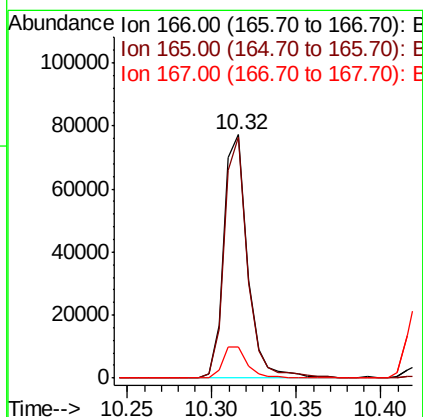
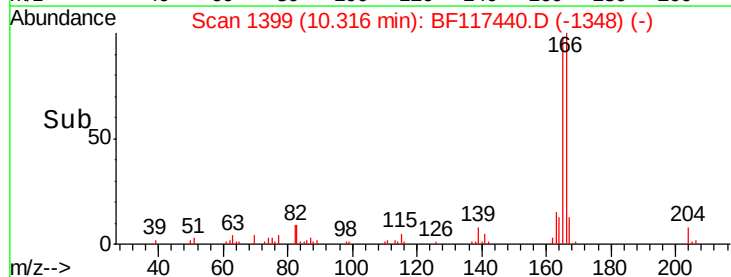
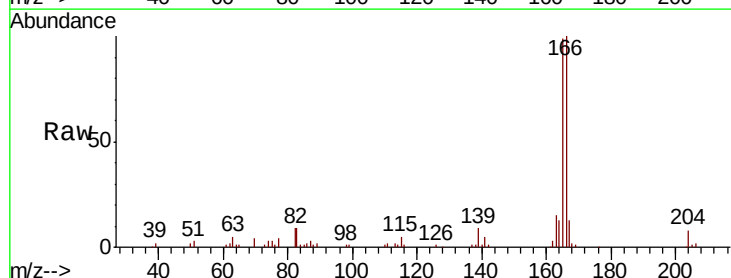
Instrument :
BNA_F
ClientSampleId :

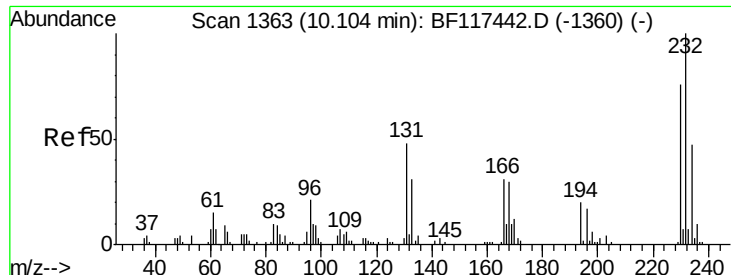
Tot Ion:165 Resp: 21546
Ion Ratio Lower Upper
165 100
63 76.1 51.4 77.0
89 94.9 69.9 104.9
182 1.9 1.9 2.9#



#58
Fluorene
Concen: 10.262 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:166 Resp: 75996
Ion Ratio Lower Upper
166 100
165 98.9 77.6 116.4
167 12.8 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 10.757 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 15529

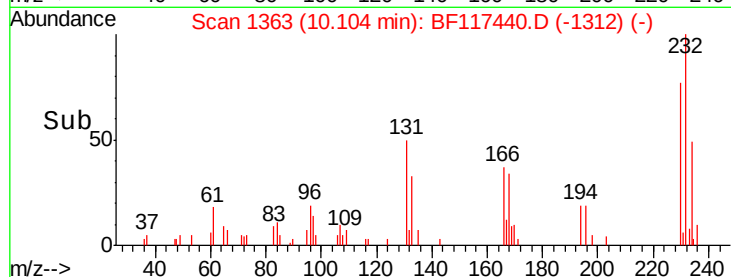
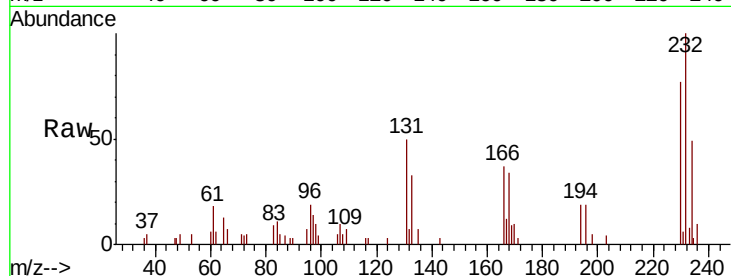
Ion Ratio Lower Upper

232 100

131 52.2 42.6 63.8

130 0.8 2.2 3.4#

166 36.7 27.5 41.3

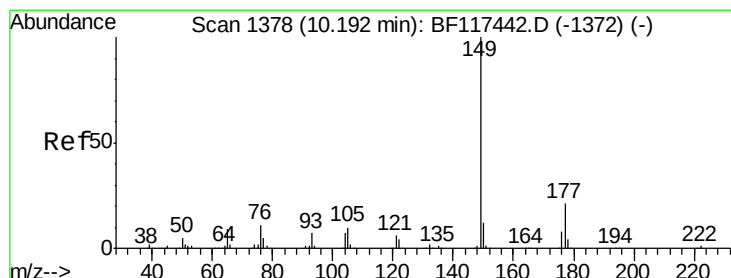
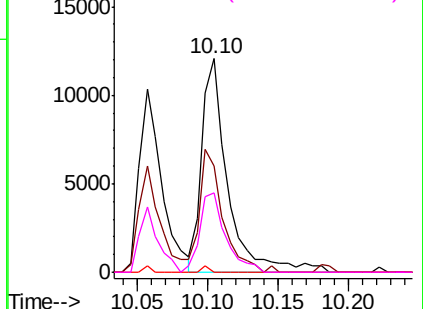


Abundance Ion 232.00 (231.70 to 232.70): E

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: 10.583 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

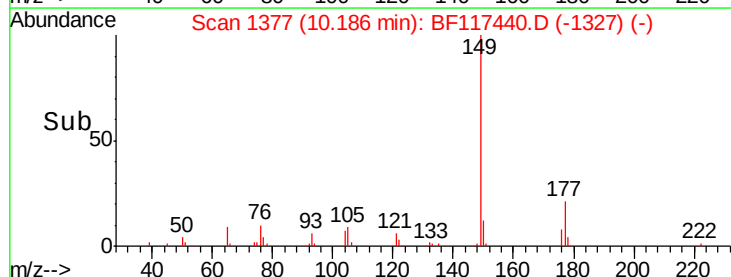
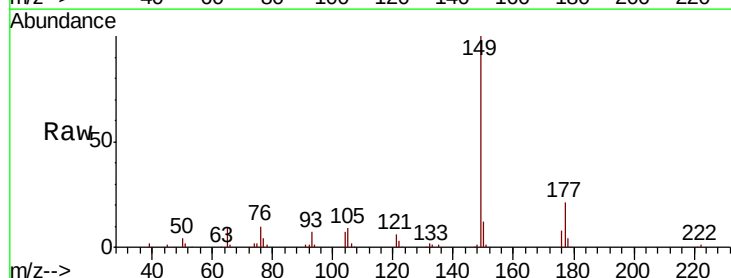
Tgt Ion:149 Resp: 82348

Ion Ratio Lower Upper

149 100

177 21.4 17.0 25.4

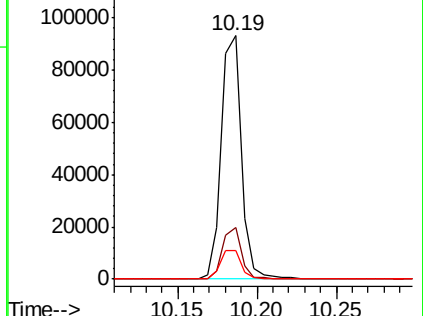
150 11.5 9.8 14.6

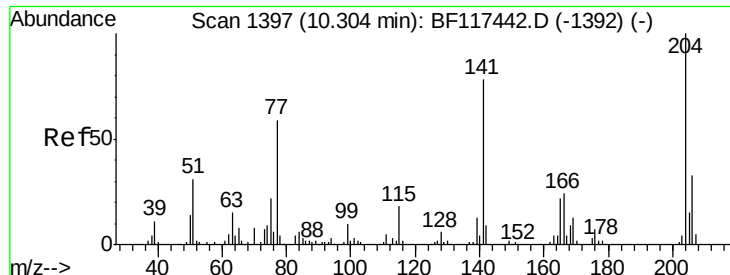


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

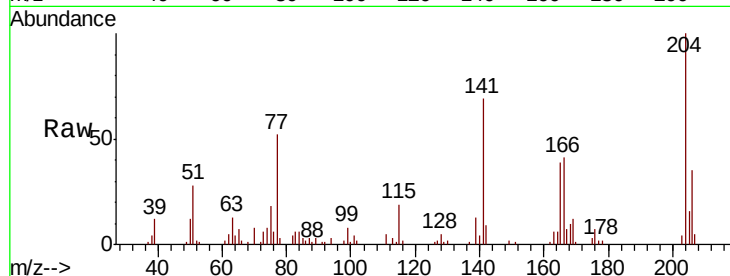




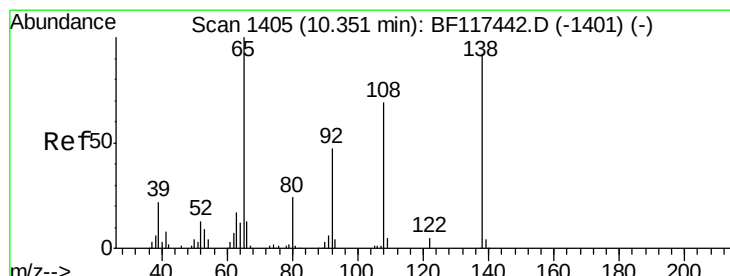
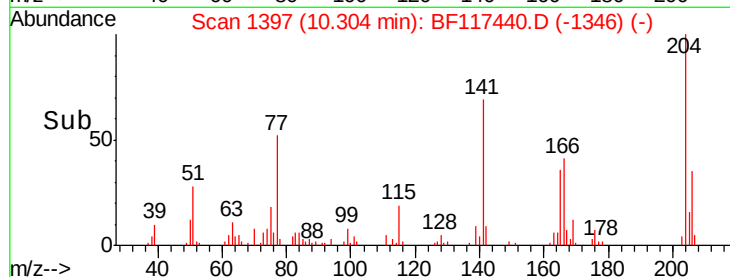
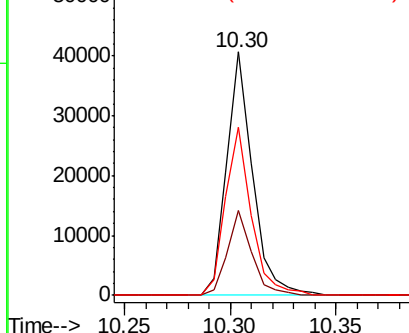
#61
4-Chlorophenyl-phenylether
Concen: 10.508 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 34456
Ion Ratio Lower Upper
204 100
206 34.7 26.3 39.5
141 69.1 62.2 93.4

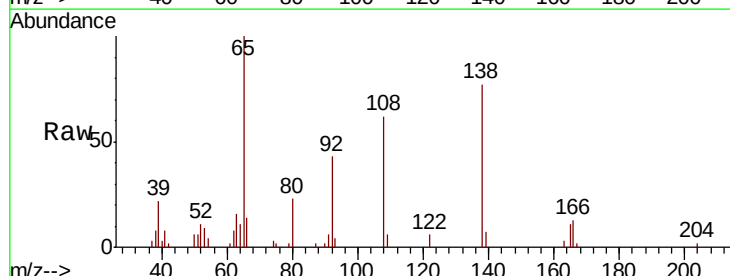


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

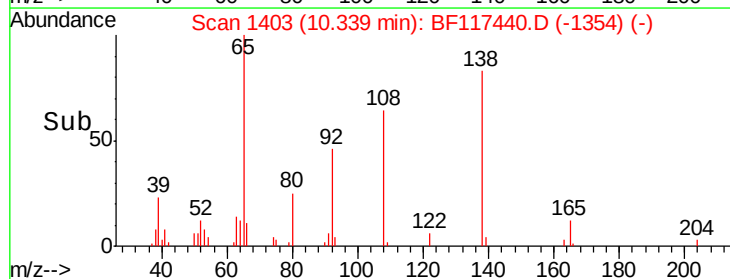
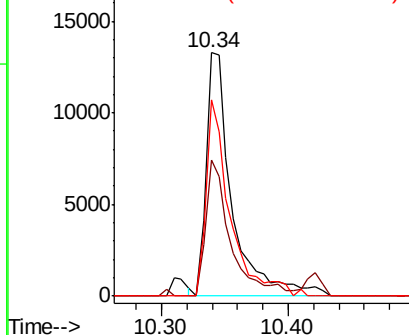


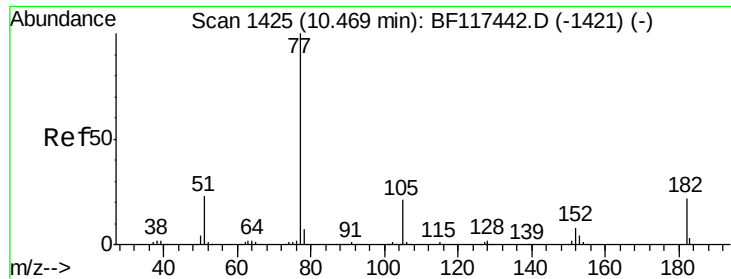
#62
4-Nitroaniline
Concen: 10.086 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:138 Resp: 18995
Ion Ratio Lower Upper
138 100
92 55.7 30.3 70.3
108 80.5 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

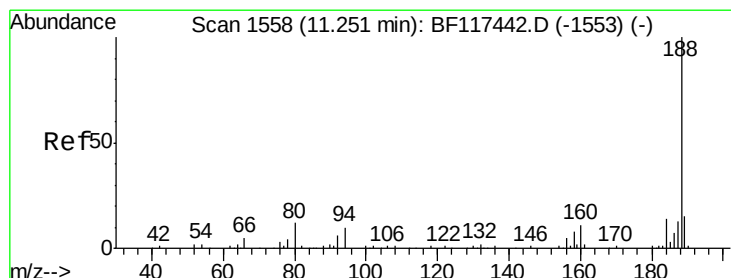
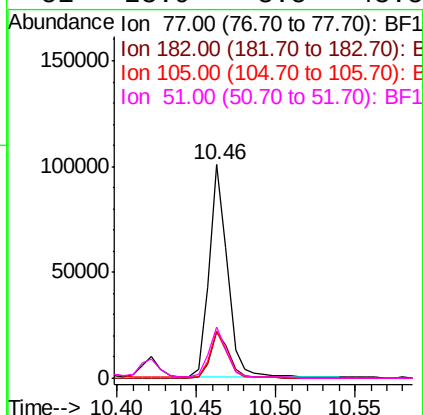
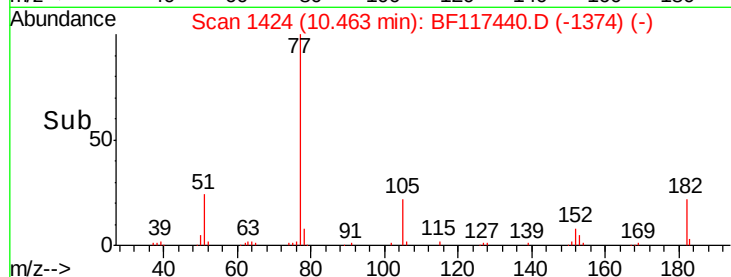
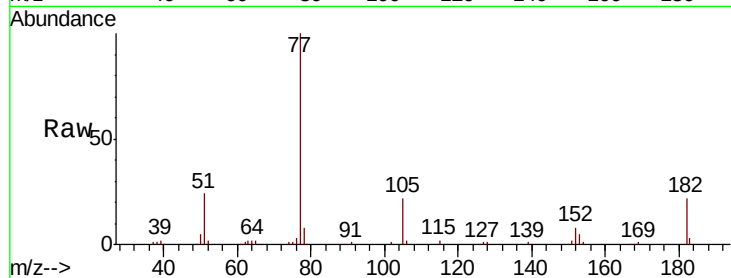




#63
Azobenzene
Concen: 10.256 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

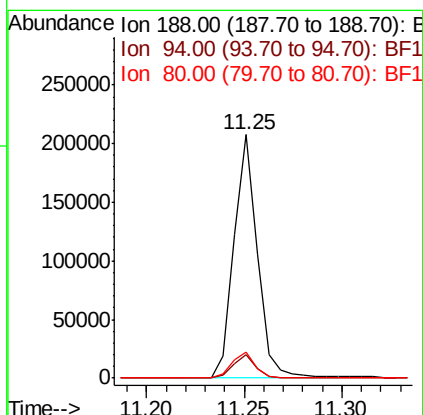
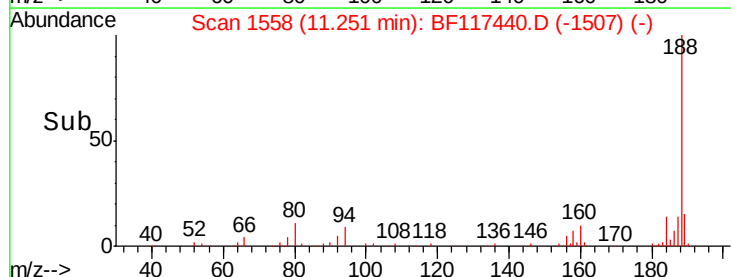
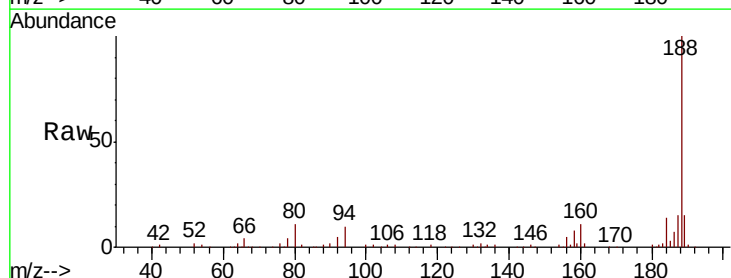
Instrument :
BNA_F
ClientSampleId :

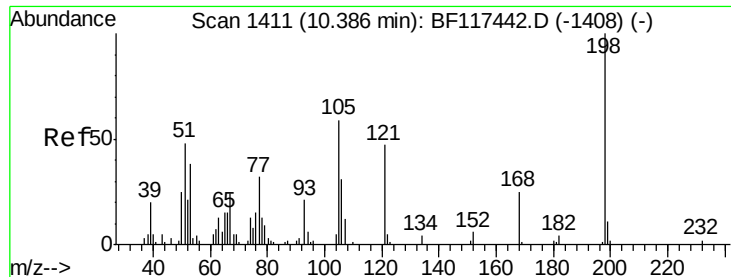
Tot Ion:	77	Resp:	81879
Ion	Ratio	Lower	Upper
77	100		
182	21.7	2.3	42.3
105	22.1	1.3	41.3
51	23.9	3.5	43.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:	188	Resp:	173534
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	10.5	9.5	14.3





#65

4,6-Dinitro-2-methylphenol

Concen: 7.428 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampled :

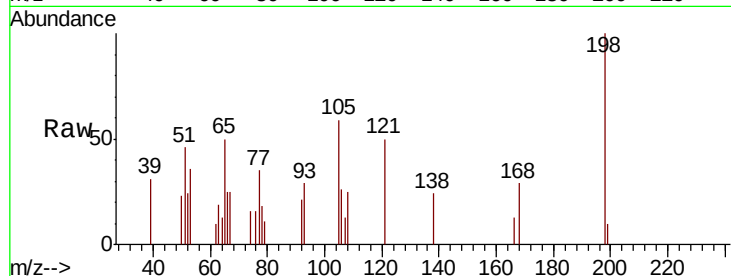
Tot Ion:198 Resp: 6475

Ion Ratio Lower Upper

198 100

51 46.0 29.1 69.1

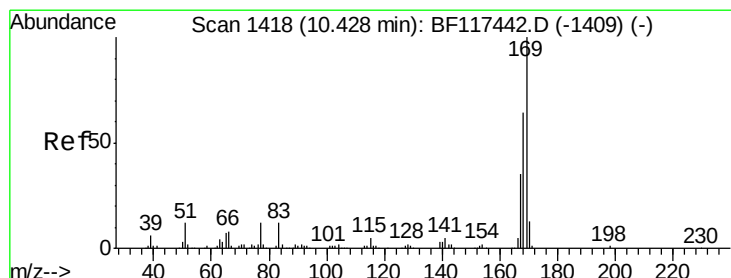
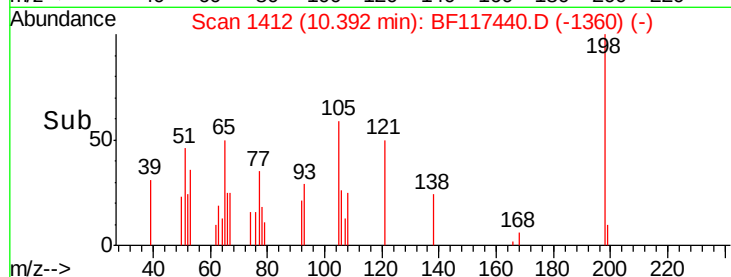
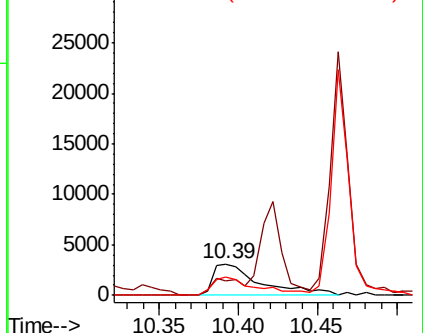
105 59.4 39.4 79.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 10.069 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

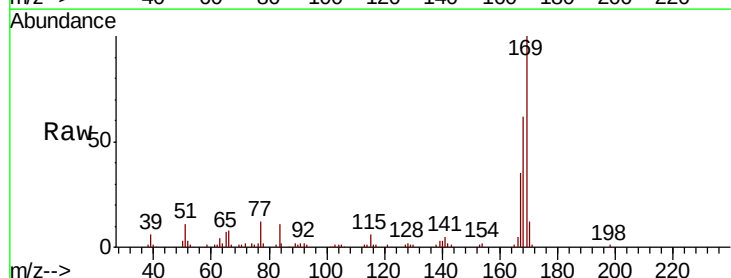
Tgt Ion:169 Resp: 65273

Ion Ratio Lower Upper

169 100

168 62.4 51.3 76.9

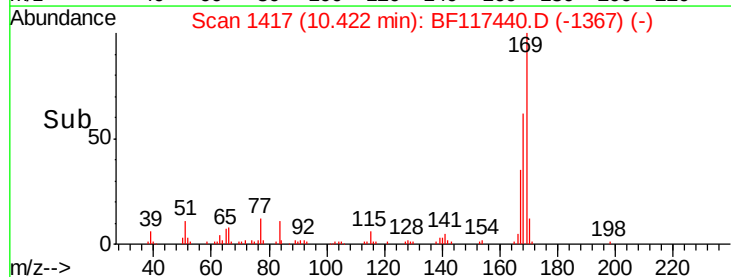
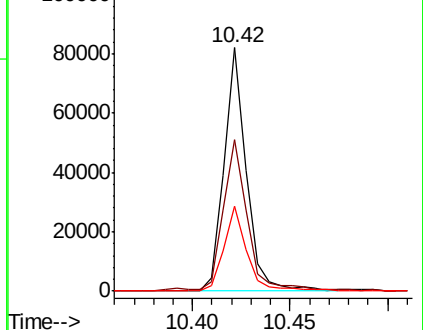
167 35.0 28.2 42.4

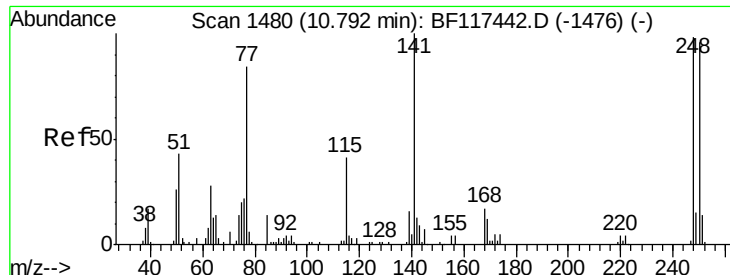


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

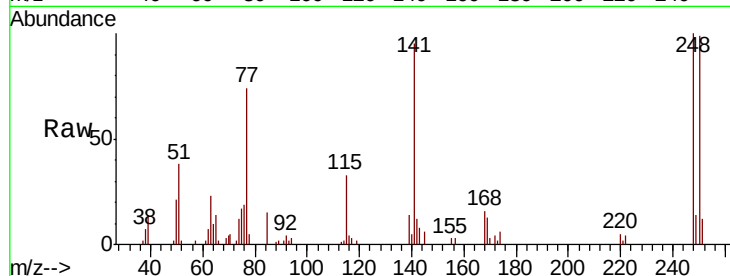




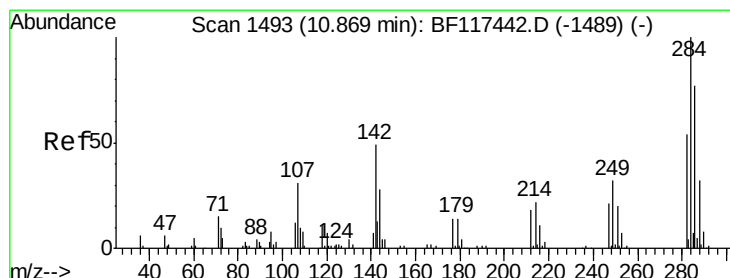
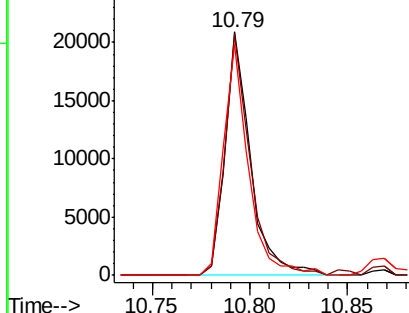
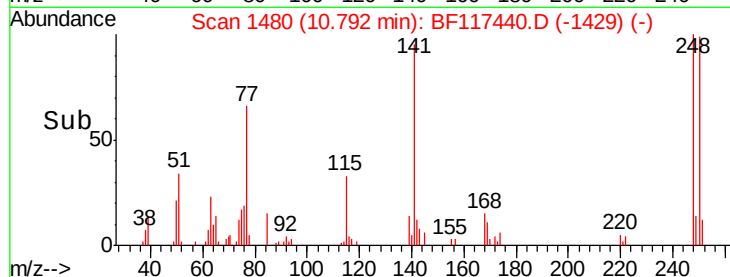
#67
4-Bromophenyl-phenylether
Concen: 9.972 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 18980
Ion Ratio Lower Upper
248 100
250 98.9 78.0 117.0
141 94.9 81.7 122.5

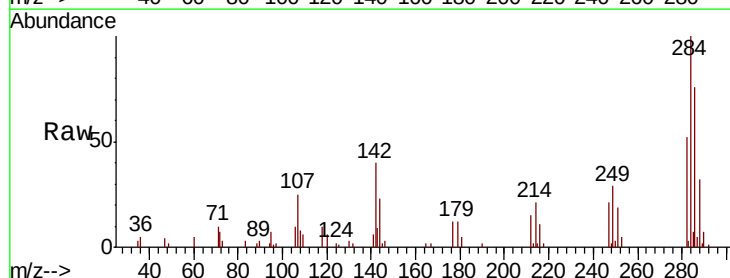


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

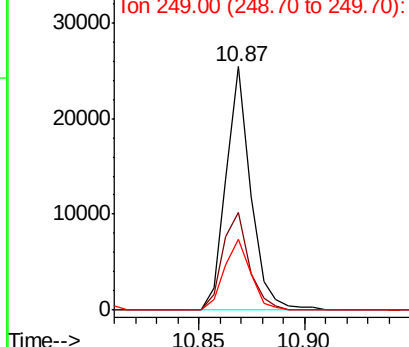
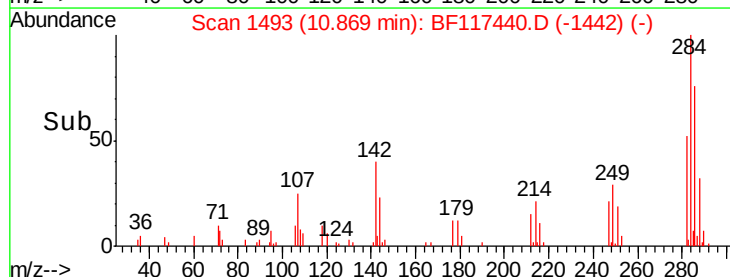


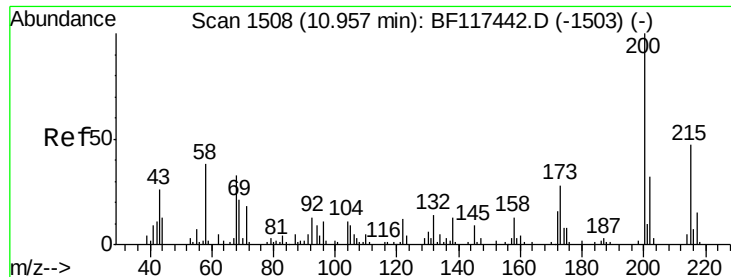
#68
Hexachlorobenzene
Concen: 10.098 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:284 Resp: 20642
Ion Ratio Lower Upper
284 100
142 40.0 39.0 58.6
249 29.1 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

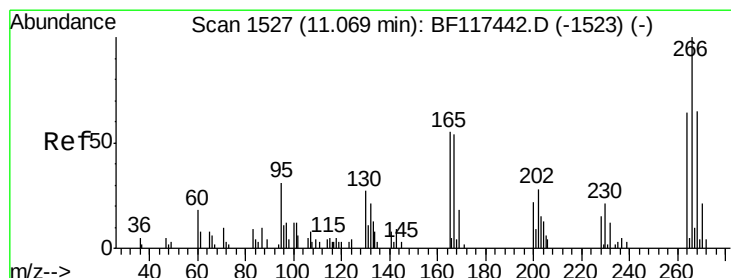
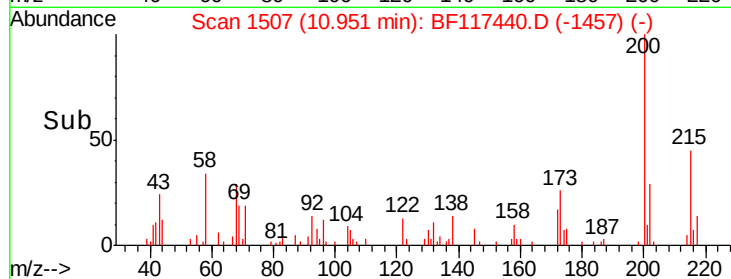
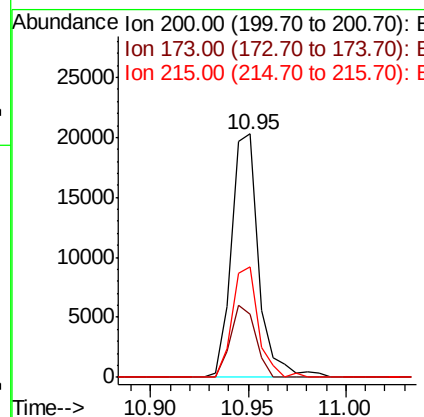
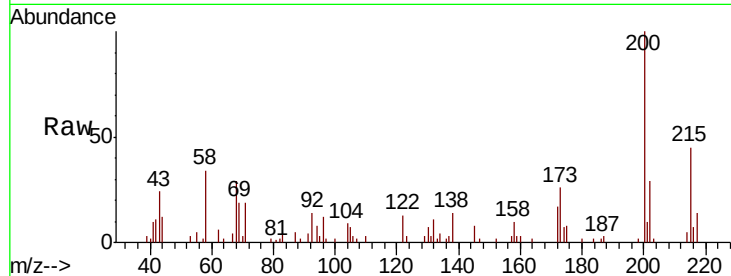




#69
 Atrazine
 Concen: 18.711 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

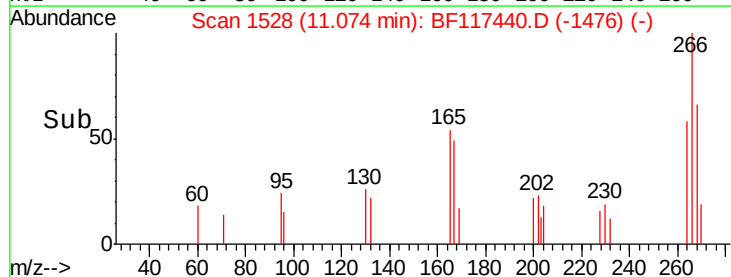
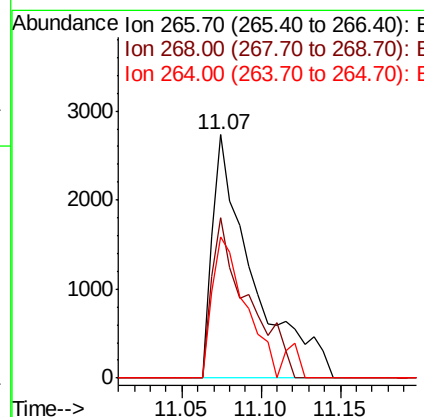
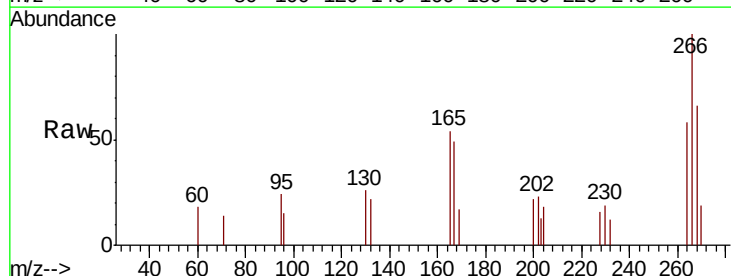
Instrument :
 BNA_F
 ClientSampleId :

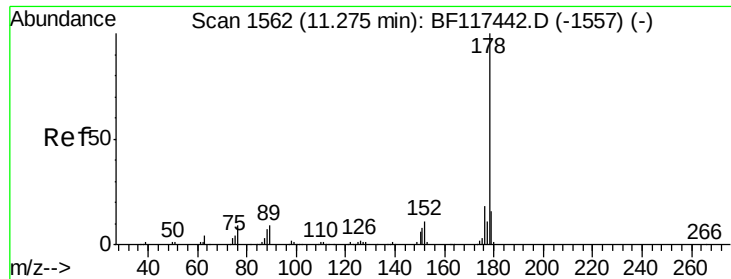
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	8.2	48.2
215	45.2	26.8	66.8



#70
 Pentachlorophenol
 Concen: 7.939 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	51.6	77.4
264	57.9	51.4	77.2





#71

Phenanthrene

Concen: 10.279 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampleId :

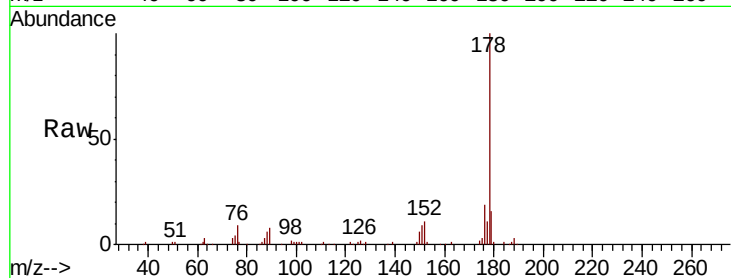
Tot Ion:178 Resp: 105449

Ion Ratio Lower Upper

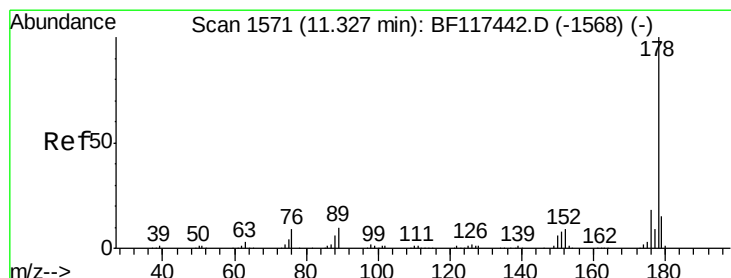
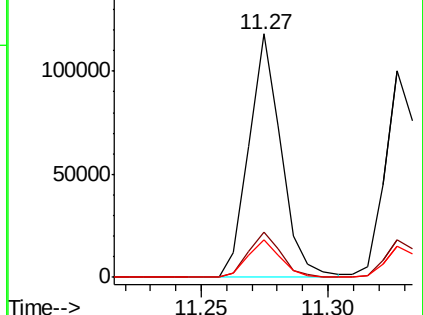
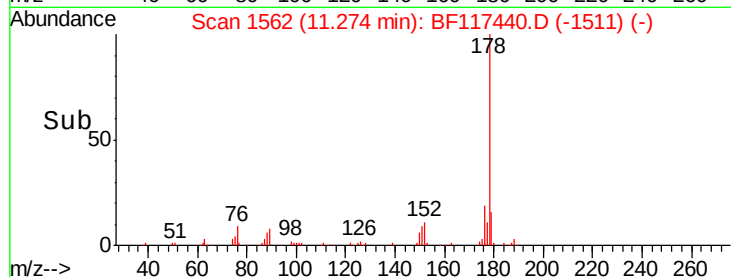
178 100

176 18.5 14.6 22.0

179 15.6 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: 10.253 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

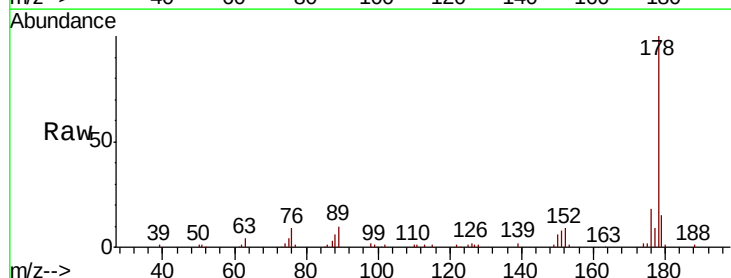
Tgt Ion:178 Resp: 108573

Ion Ratio Lower Upper

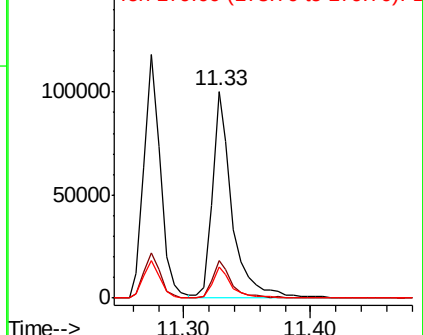
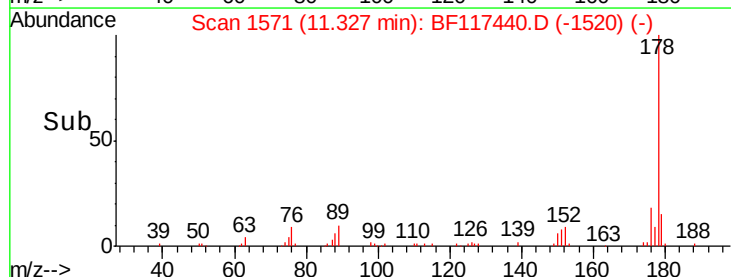
178 100

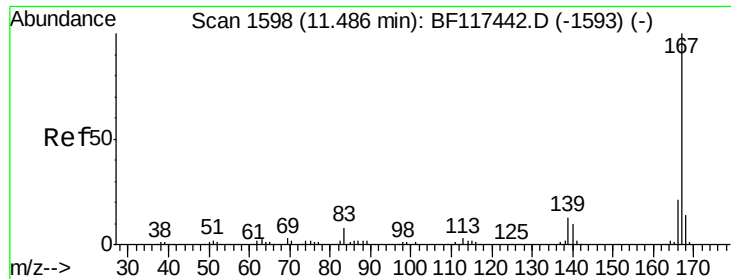
176 18.2 14.7 22.1

179 15.0 12.2 18.2



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

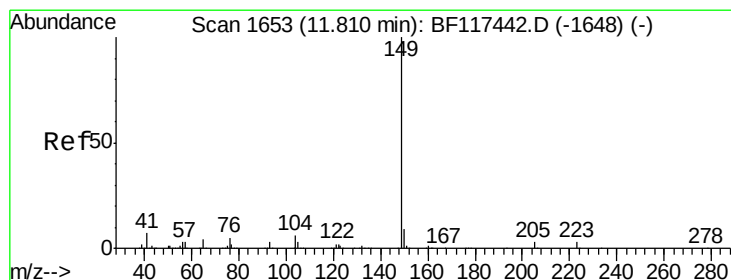
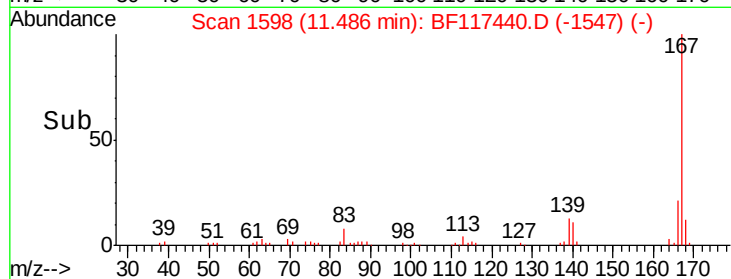
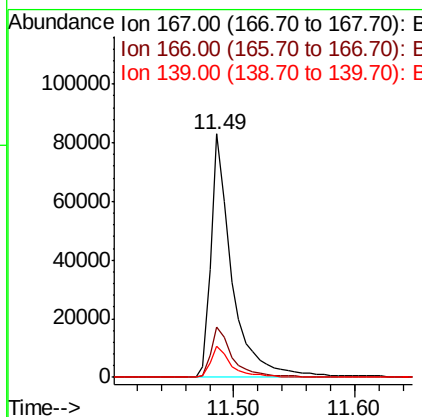
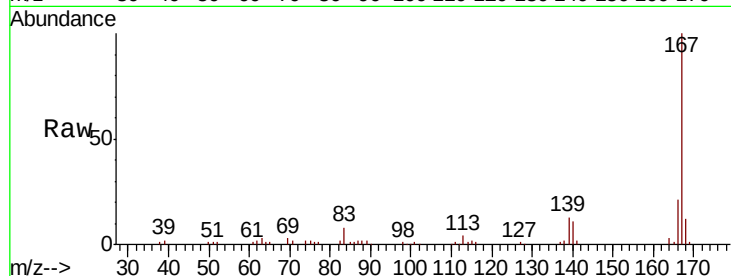




#73
 Carbazole
 Concen: 10.373 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

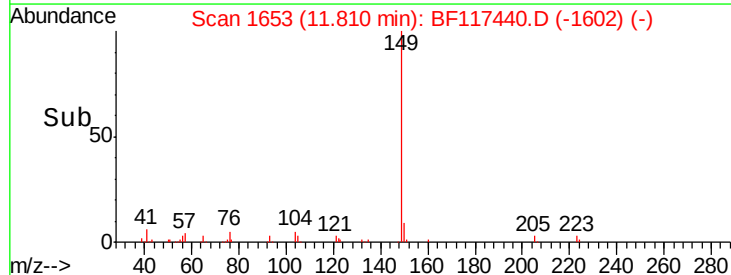
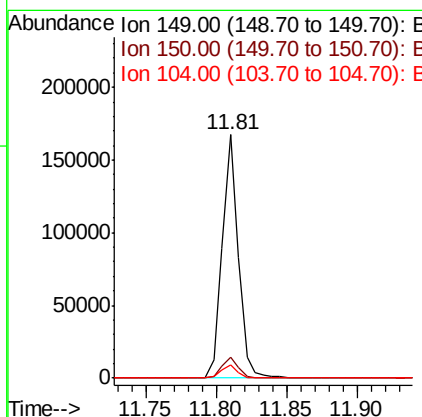
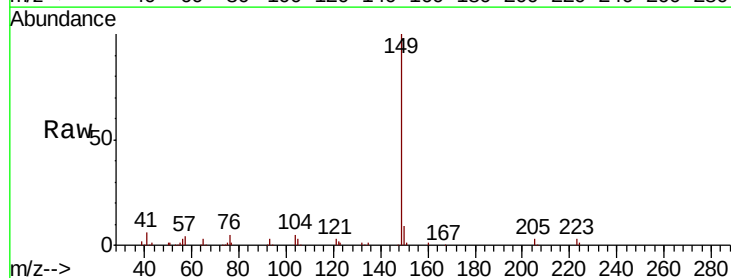
Instrument :
 BNA_F
 ClientSampleId :

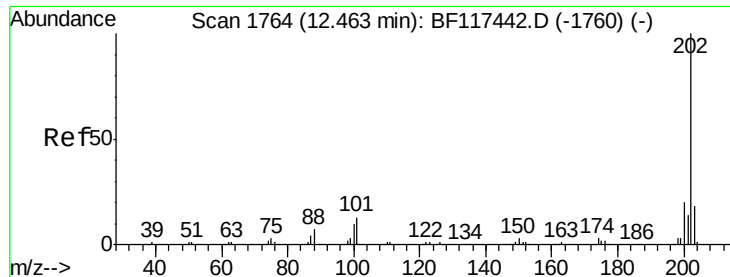
Tot Ion:167 Resp: 99782
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.0 25.6
 139 13.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 10.206 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion:149 Resp: 132940
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.5 11.3
 104 5.3 4.6 6.8

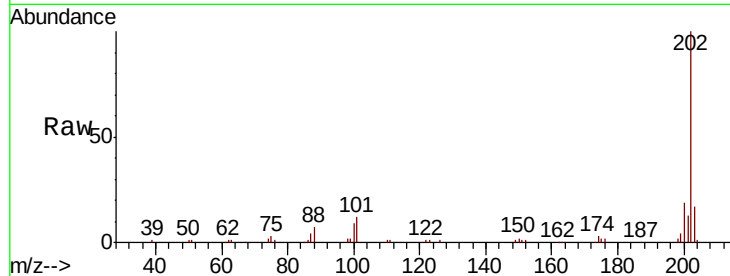




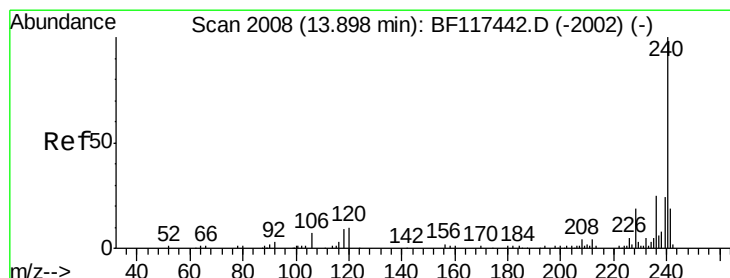
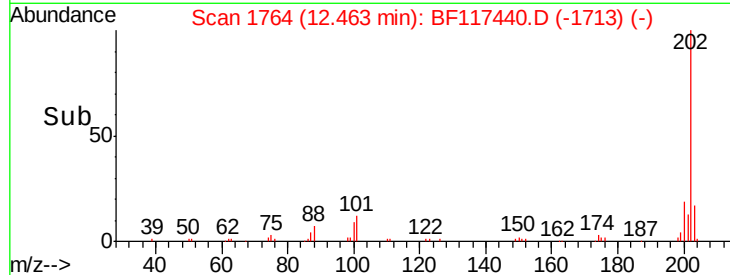
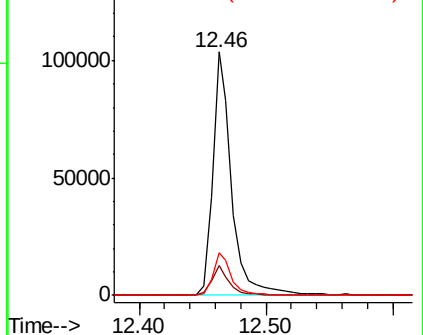
#75
 Fluoranthene
 Concen: 10.561 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 107728
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 32.7
 203 17.5 0.0 37.6

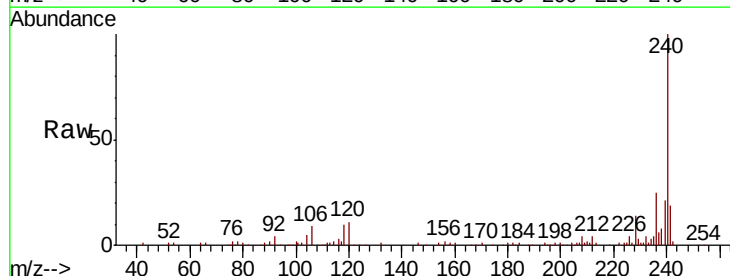


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

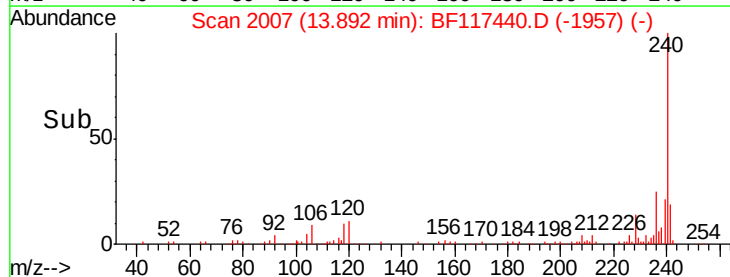
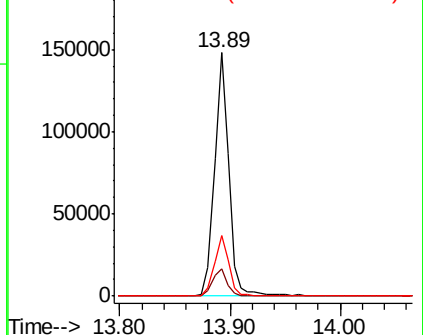


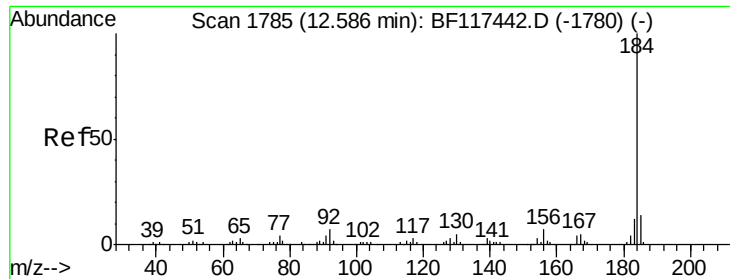
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion:240 Resp: 132059
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.4 12.6
 236 24.9 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

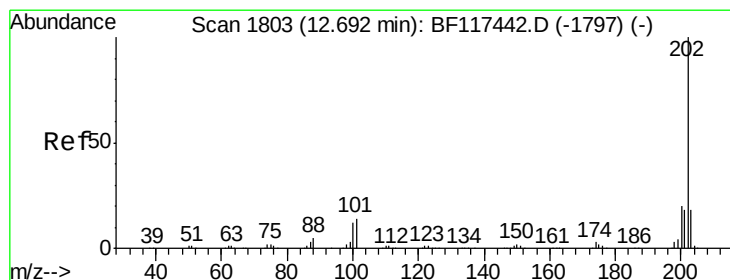
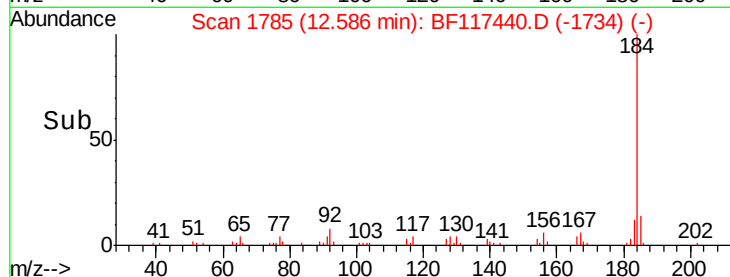
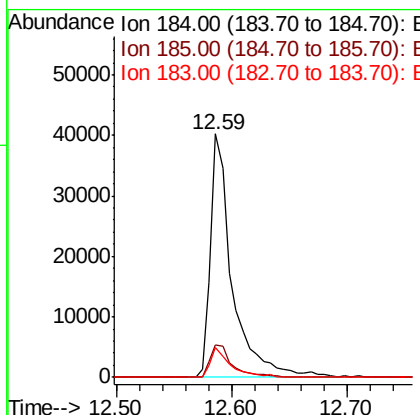
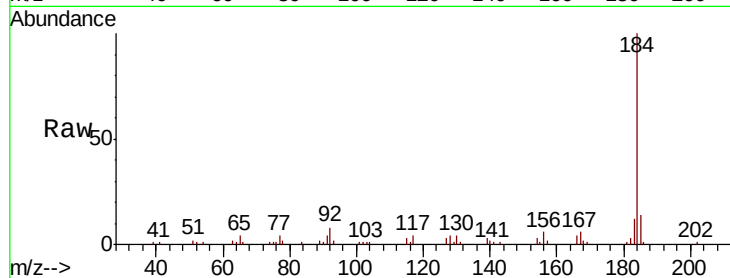




#77
Benzidine
Concen: 16.029 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

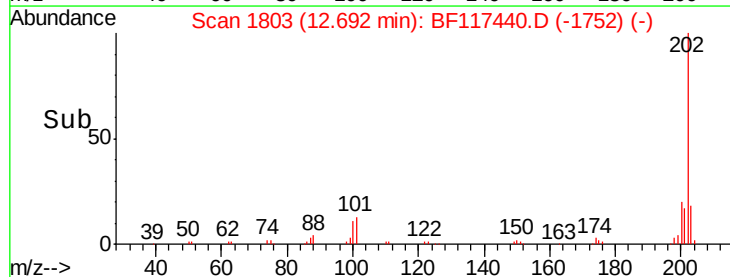
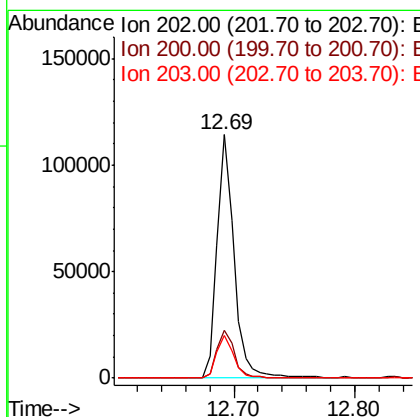
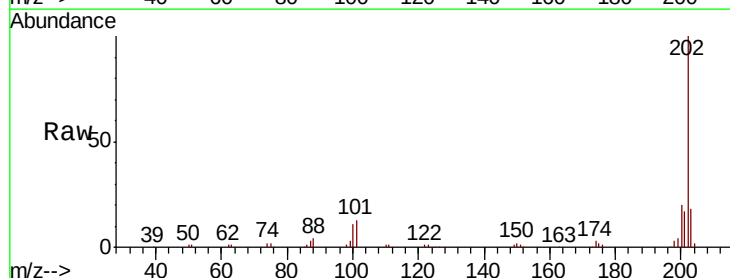
Instrument :
BNA_F
ClientSampleId :

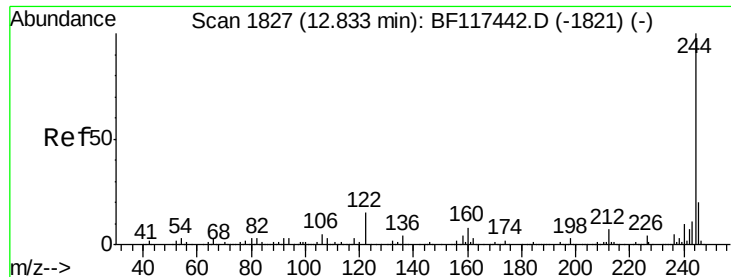
Tot Ion:184 Resp: 52353
Ion Ratio Lower Upper
184 100
185 13.6 11.4 17.0
183 12.1 9.6 14.4



#78
Pyrene
Concen: 9.457 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:202 Resp: 110392
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 17.8 14.0 21.0

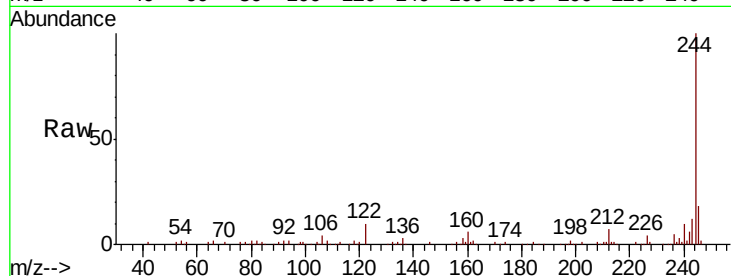




#79
 Terphenyl-d14
 Concen: 20.156 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	10.4	11.8	17.8

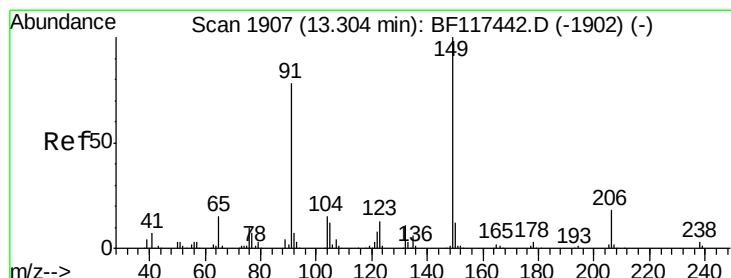
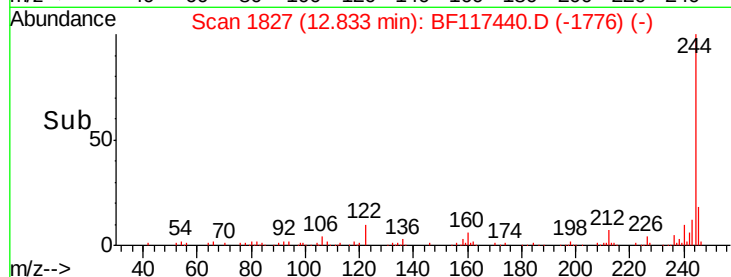
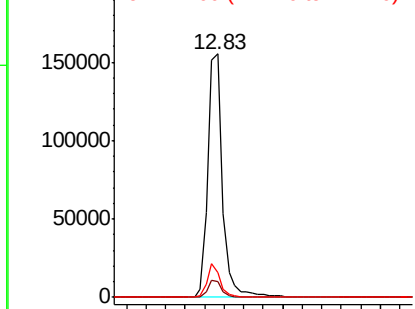


Abundance

Ion 244.00 (243.70 to 244.70): E

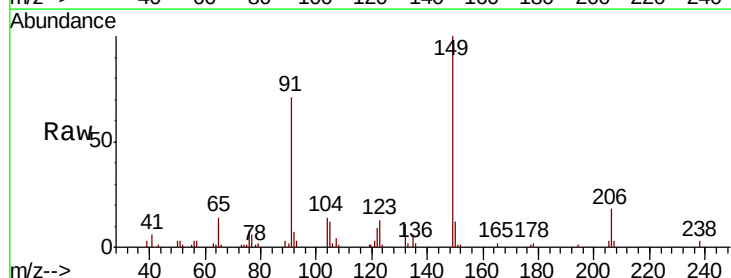
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 9.288 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	62.1	93.1
206	18.0	14.3	21.5

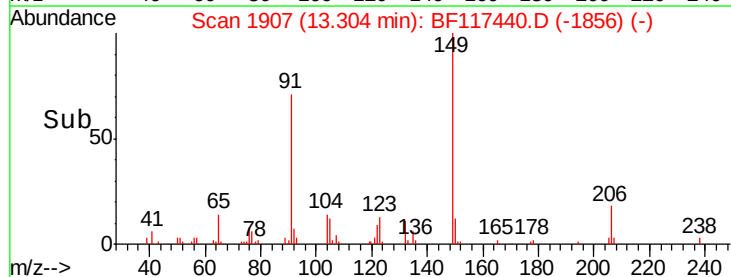
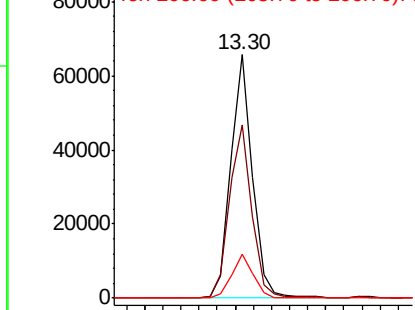


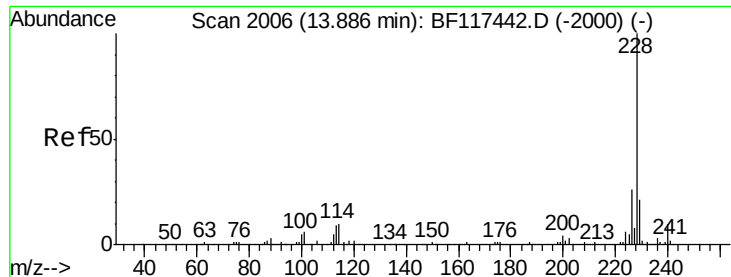
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.111 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampleId :

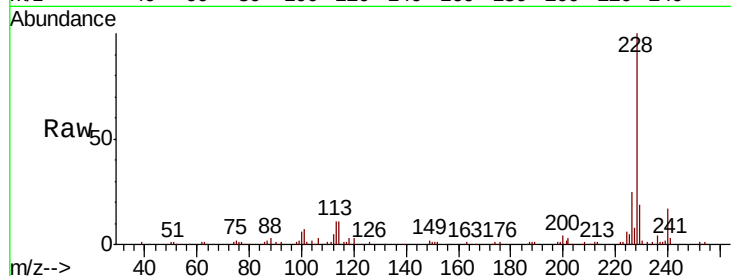
Tot Ion:228 Resp: 91614

Ion Ratio Lower Upper

228 100

226 24.8 21.0 31.4

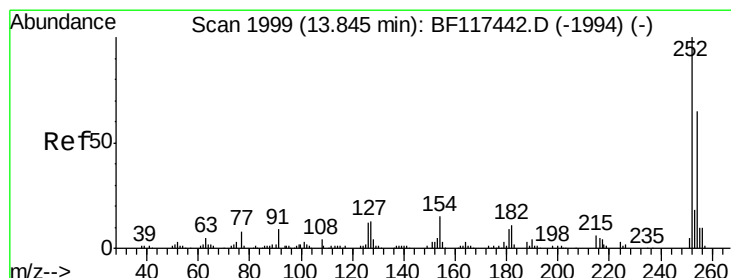
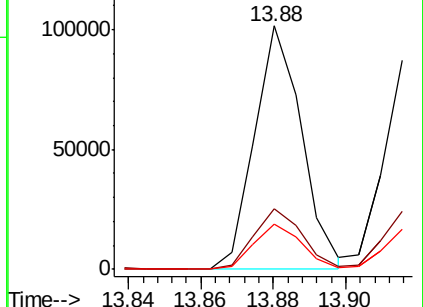
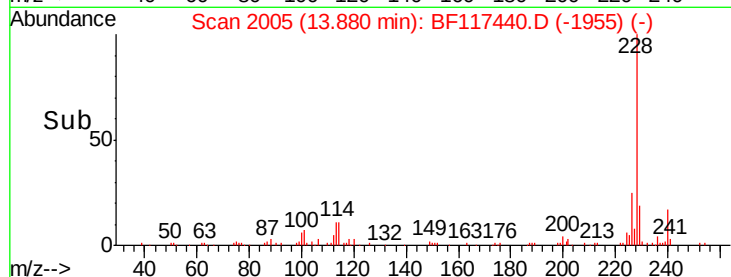
229 18.6 16.4 24.6



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



#82

3,3'-Dichlorobenzidine

Concen: 11.408 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

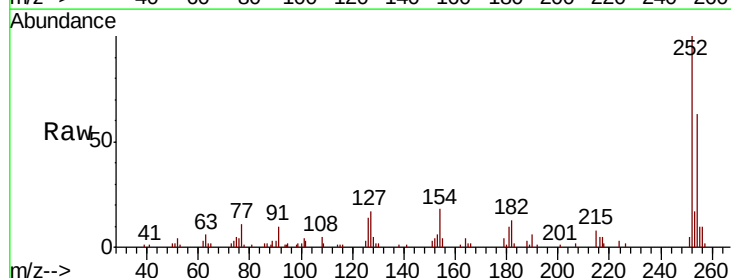
Tgt Ion:252 Resp: 32682

Ion Ratio Lower Upper

252 100

254 63.0 52.2 78.4

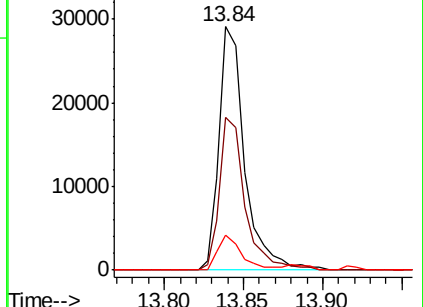
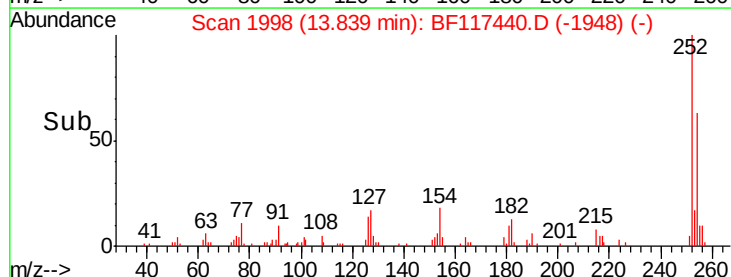
126 14.5 9.2 13.8#

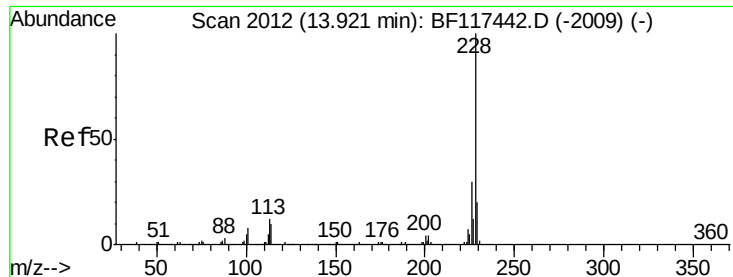


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 10.420 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

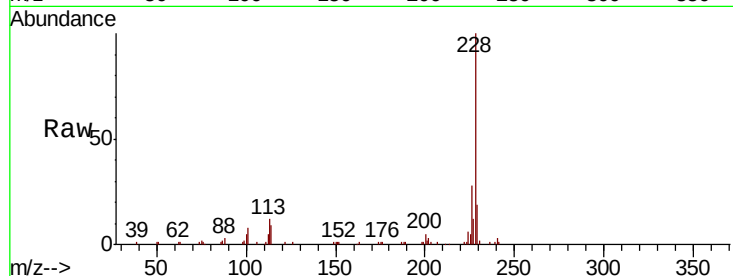
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 93107

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.9	35.9
229	19.2	15.8	23.6

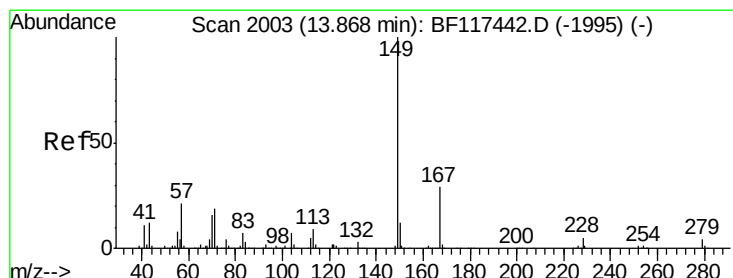
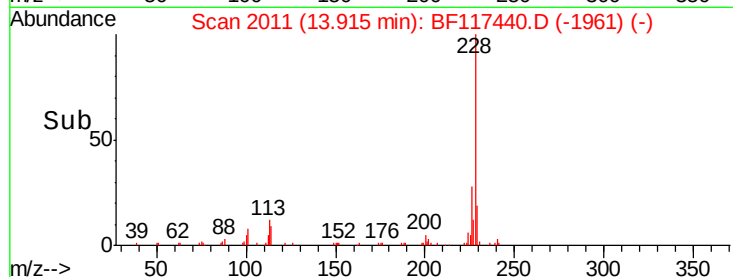
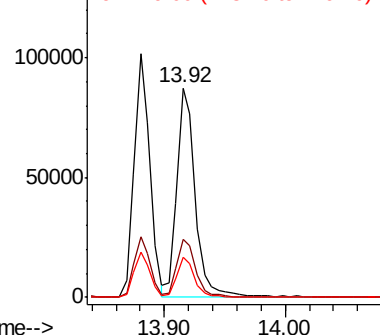


Abundance

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: 9.580 ng

RT: 13.86 min Scan# 2002

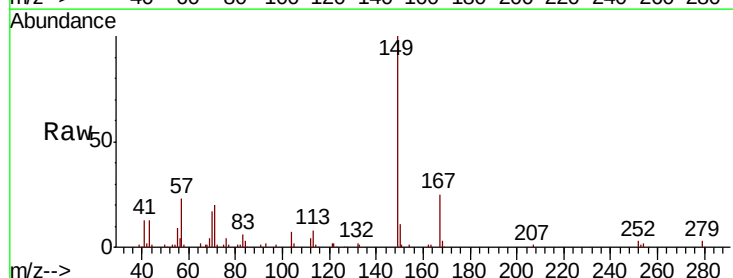
Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Tgt Ion:149 Resp: 79288

Ion	Ratio	Lower	Upper
149	100		
167	25.1	23.3	34.9
279	3.3	3.2	4.8

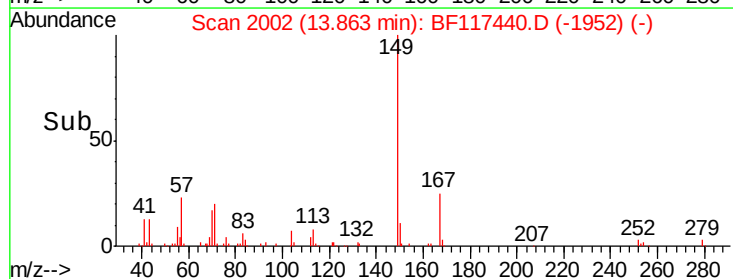
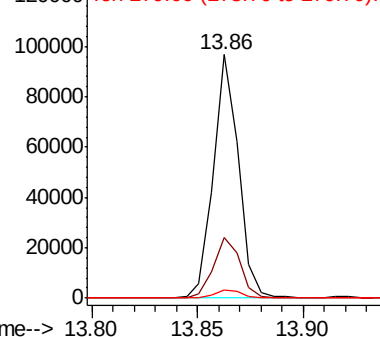


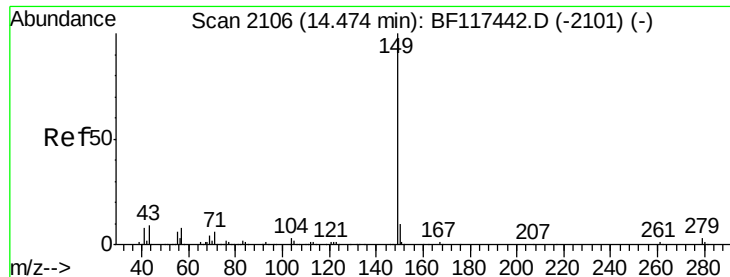
Abundance

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

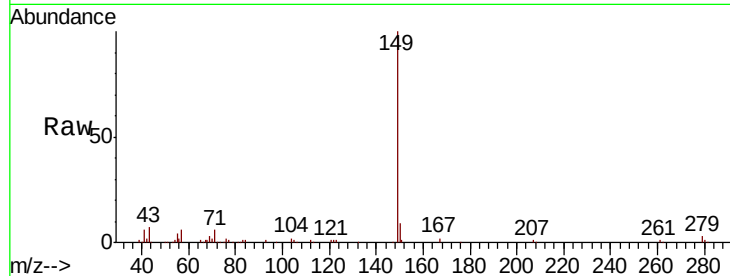




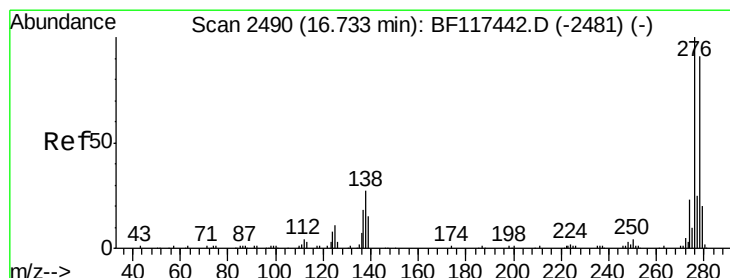
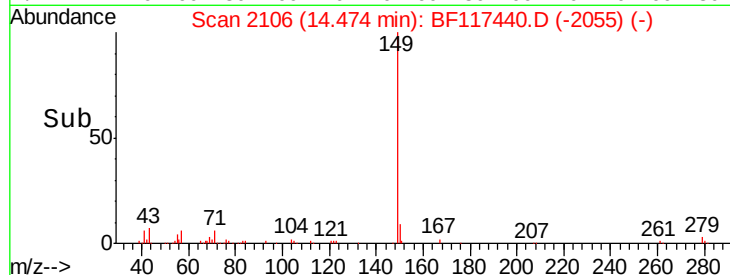
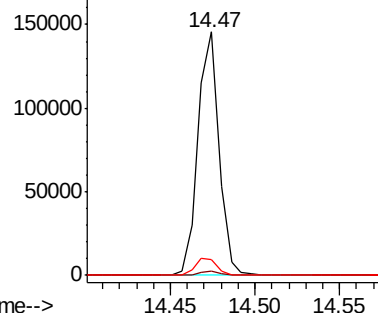
#85
Di-n-octyl phthalate
Concen: 10.018 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 126223
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.6 6.8 10.2

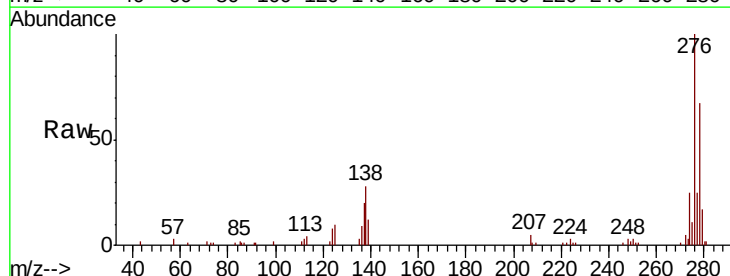


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

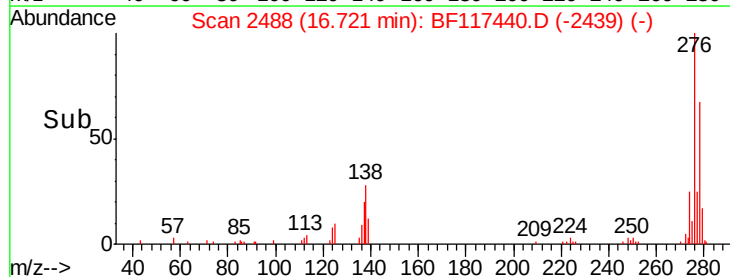
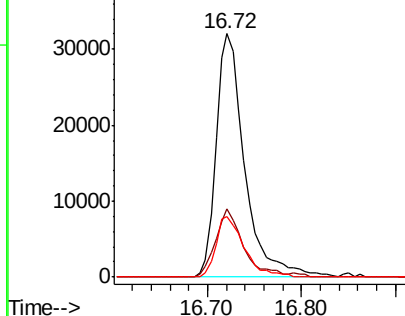


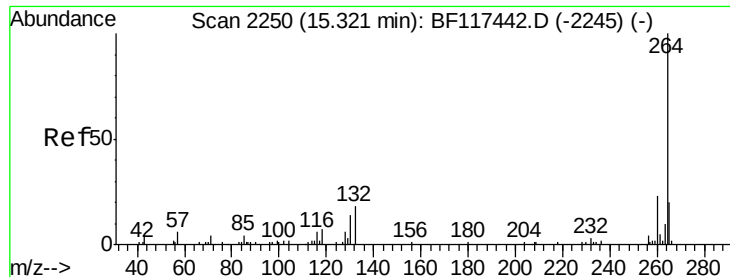
#86
Indeno(1,2,3-cd)pyrene
Concen: 10.869 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:276 Resp: 67908
Ion Ratio Lower Upper
276 100
138 27.3 21.8 32.8
277 24.5 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



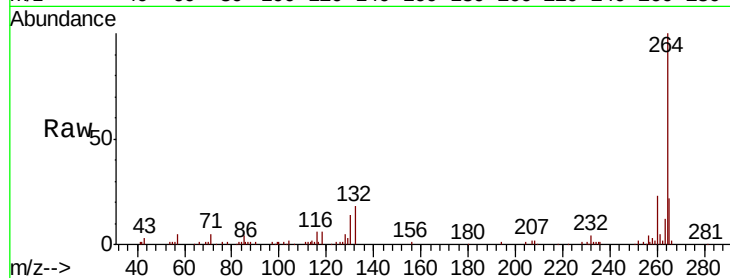


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

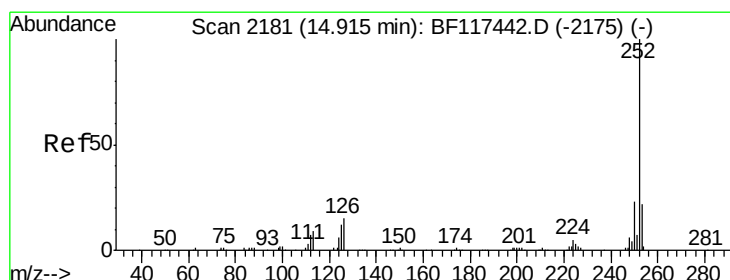
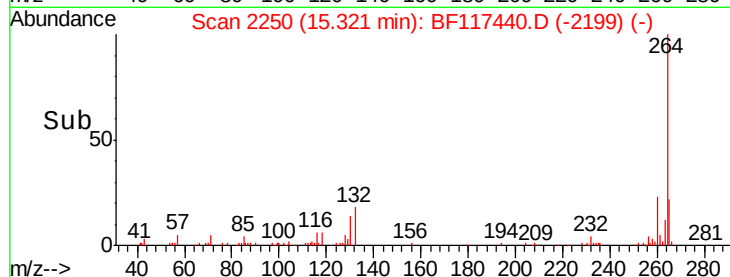
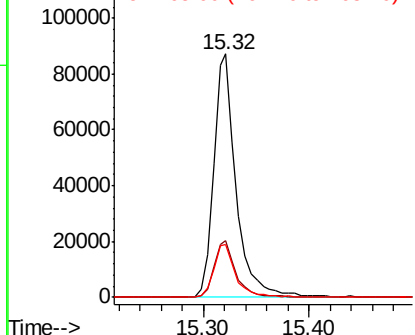
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 129802

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	21.6	16.1	24.1



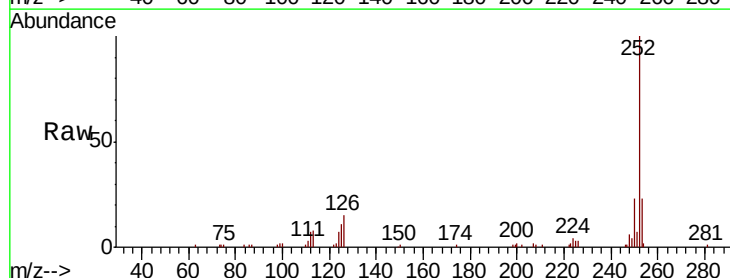
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



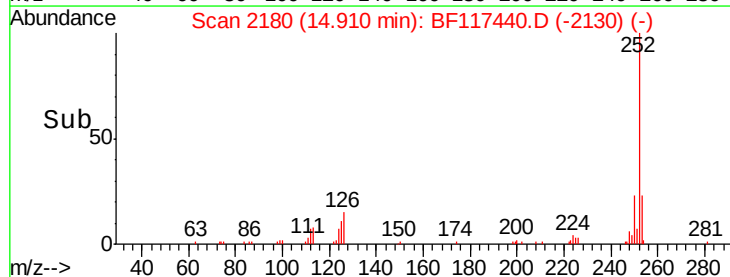
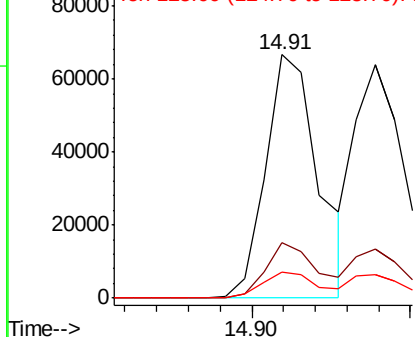
#88
Benzo(b)fluoranthene
Concen: 9.527 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

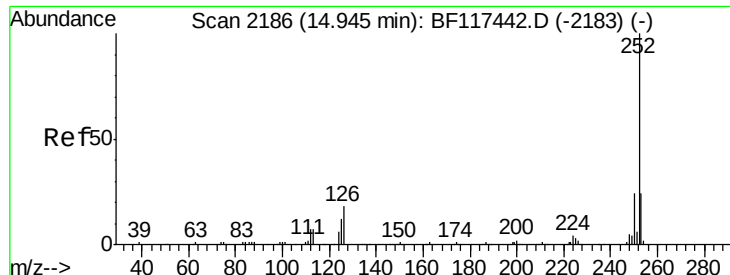
Tgt Ion:252 Resp: 76984

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	10.6	9.9	14.9



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





#89

Benzo(k)fluoranthene

Concen: 9.951 ng

RT: 14.94 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampleId :

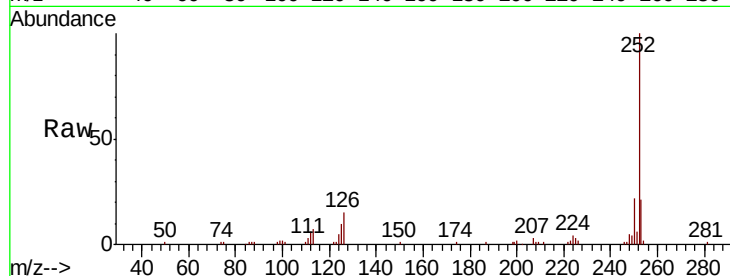
Tot Ion:252 Resp: 79915

Ion Ratio Lower Upper

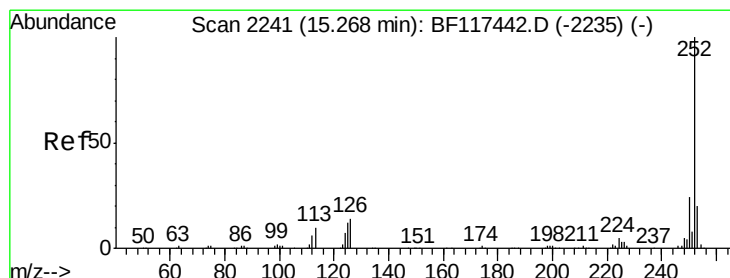
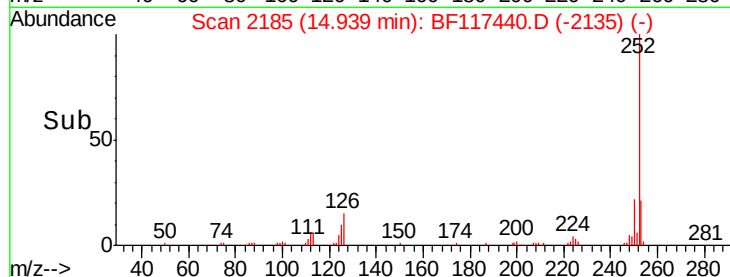
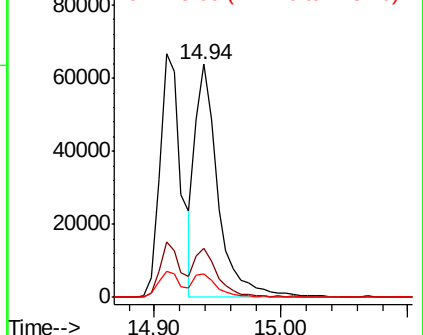
252 100

253 21.3 18.0 27.0

125 9.8 8.9 13.3



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



#90

Benzo(a)pyrene

Concen: 9.946 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

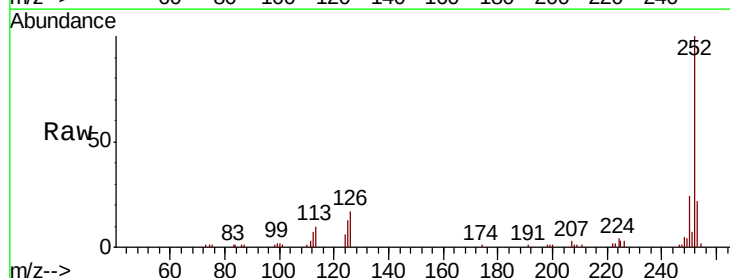
Tgt Ion:252 Resp: 71172

Ion Ratio Lower Upper

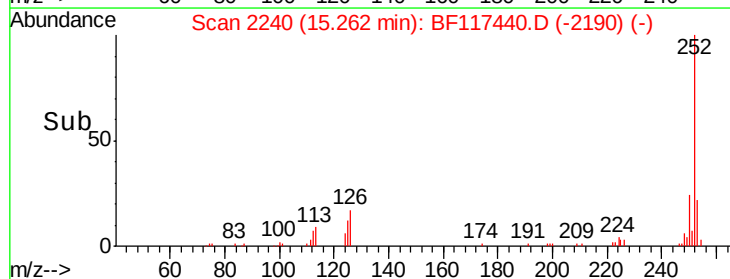
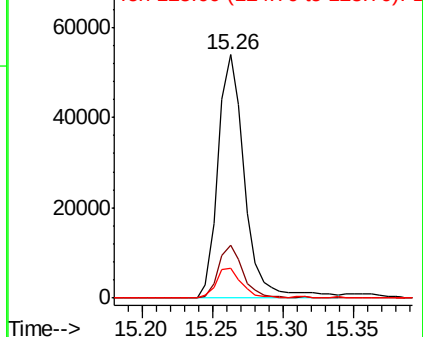
252 100

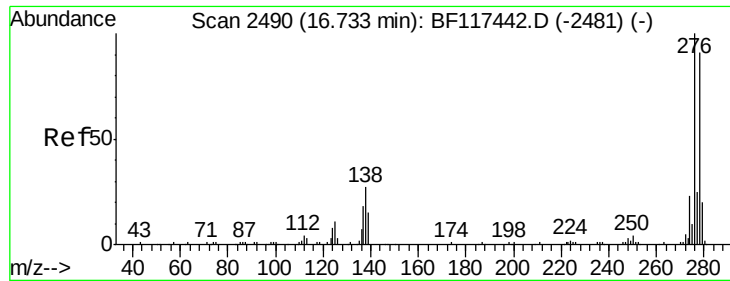
253 21.7 16.3 24.5

125 12.5 9.2 13.8



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

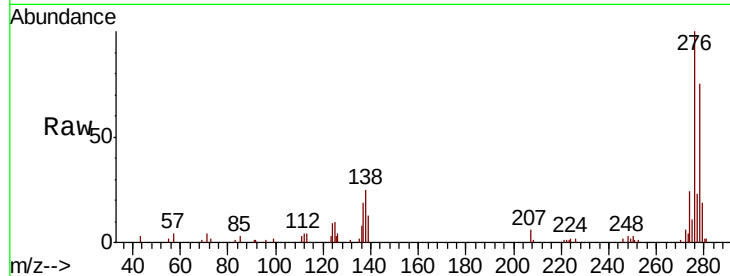




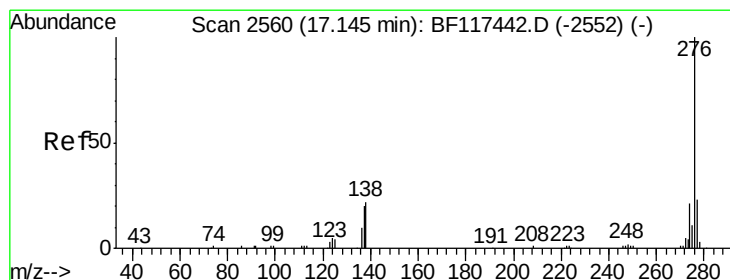
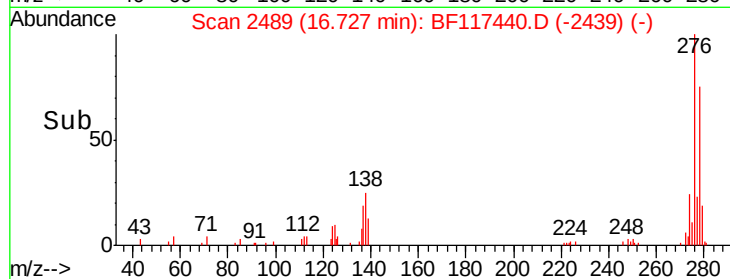
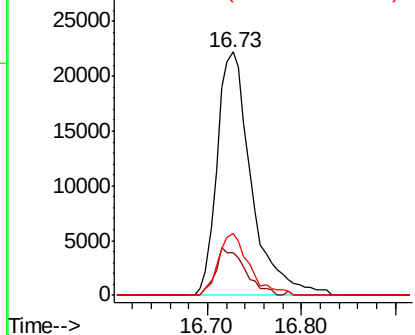
#91
Dibenzo(a,h)anthracene
Concen: 9.237 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.4	20.0
279	25.4	17.8	26.6

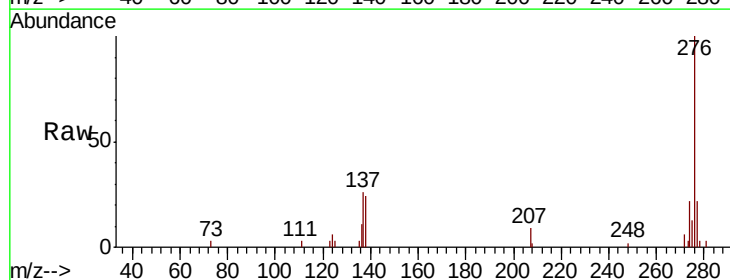


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 8.905 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.4	27.6
138	24.3	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

