

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
 Data File : BF118792.D
 Acq On : 3 Feb 2020 11:50
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 14:11:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 14:01:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	293077	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1108482	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	637911	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1193449	20.00	ng	0.00
76) Chrysene-d12	13.98	240	989304	20.00	ng	0.00
87) Perylene-d12	15.43	264	1089832	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	703750	44.60	ng	0.00
7) Phenol-d6	6.44	99	870931	42.46	ng	-0.01
23) Nitrobenzene-d5	7.37	82	804356	40.59	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	334764	45.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1725046	44.45	ng	0.00
79) Terphenyl-d14	12.92	244	2207884	48.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	152778	19.989	ng	99
3) Pyridine	3.30	79	410338	19.048	ng	99
4) n-Nitrosodimethylamine	3.22	42	149872	16.228	ng	97
6) Aniline	6.47	93	560509	20.754	ng	100
8) 2-Chlorophenol	6.60	128	388129	21.913	ng	99
9) Benzaldehyde	6.36	77	269891	21.637	ng	98
10) Phenol	6.46	94	490406	20.981	ng	92
11) bis(2-Chloroethyl)ether	6.55	93	362724	20.916	ng	99
12) 1,3-Dichlorobenzene	6.76	146	461969	22.284	ng	98
13) 1,4-Dichlorobenzene	6.83	146	463461	22.271	ng	99
14) 1,2-Dichlorobenzene	6.99	146	439241	22.453	ng	100
15) Benzyl Alcohol	6.95	79	335286	20.614	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	450884	18.666	ng	99
17) 2-Methylphenol	7.07	107	314466	21.314	ng	98
18) Hexachloroethane	7.33	117	161682	21.426	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	265360	19.161	ng	96
20) 3+4-Methylphenols	7.22	107	393398	21.840	ng	99
22) Acetophenone	7.22	105	539850	20.559	ng	# 98
24) Nitrobenzene	7.39	77	404155	19.917	ng	99
25) Isophorone	7.63	82	713463	19.738	ng	99
26) 2-Nitrophenol	7.71	139	203681	23.538	ng	98
27) 2,4-Dimethylphenol	7.75	122	286657	19.184	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	469338	20.151	ng	98
29) 2,4-Dichlorophenol	7.95	162	344270	20.842	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	413787	21.604	ng	99
31) Naphthalene	8.12	128	1152123	23.008	ng	99
32) Benzoic acid	7.85	122	210452	18.766	ng	98
33) 4-Chloroaniline	8.16	127	494986	21.387	ng	99
34) Hexachlorobutadiene	8.25	225	253047	21.695	ng	99
35) Caprolactam	8.52	113	108396	20.052	ng	97
36) 4-Chloro-3-methylphenol	8.65	107	347521	21.305	ng	99
37) 2-Methylnaphthalene	8.81	142	794425	22.476	ng	99
38) 1-Methylnaphthalene	8.91	142	748190	22.281	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	431383	21.613	ng	99

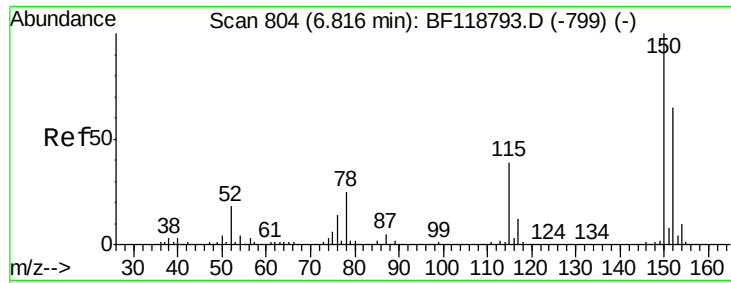
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
 Data File : BF118792.D
 Acq On : 3 Feb 2020 11:50
 Operator : CG/JU
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 BNA_F
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Quant Time: Feb 03 14:11:51 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 14:01:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	142378	14.138	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	275975	20.836	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	280782	20.757	ng	98
46) 1,1'-Biphenyl	9.27	154	1013672	23.056	ng	98
47) 2-Chloronaphthalene	9.30	162	823991	22.236	ng	98
48) 2-Nitroaniline	9.39	65	220947	19.396	ng	98
49) Acenaphthylene	9.72	152	1196782	22.957	ng	99
50) Dimethylphthalate	9.57	163	952604	22.921	ng	99
51) 2,6-Dinitrotoluene	9.63	165	211009	22.673	ng	97
52) Acenaphthene	9.89	154	768072	22.034	ng	98
53) 3-Nitroaniline	9.80	138	232154	21.846	ng	95
54) 2,4-Dinitrophenol	9.90	184	88999	23.954	ng	96
55) Dibenzofuran	10.06	168	1114306	23.067	ng	97
56) 4-Nitrophenol	9.96	139	161977	20.191	ng	96
57) 2,4-Dinitrotoluene	10.03	165	278920	23.774	ng	88
58) Fluorene	10.40	166	850477	22.426	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	248296	20.869	ng	99
60) Diethylphthalate	10.27	149	936506	23.241	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	460682	22.335	ng	98
62) 4-Nitroaniline	10.41	138	229767	21.078	ng	97
63) Azobenzene	10.55	77	807499	20.692	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	130036	24.779	ng	95
66) n-Nitrosodiphenylamine	10.51	169	775916	21.558	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	311958	21.157	ng	99
68) Hexachlorobenzene	10.96	284	357779	21.403	ng	# 91
69) Atrazine	11.03	200	260651	20.894	ng	99
70) Pentachlorophenol	11.15	266	180352	19.405	ng	98
71) Phenanthrene	11.36	178	1324544	23.005	ng	98
72) Anthracene	11.42	178	1305806	22.920	ng	97
73) Carbazole	11.56	167	1160808	22.213	ng	98
74) Di-n-butylphthalate	11.90	149	1475988	25.422	ng	99
75) Fluoranthene	12.55	202	1451614	23.904	ng	99
77) Benzidine	12.67	184	663013	25.082	ng	98
78) Pyrene	12.78	202	1454868	21.661	ng	98
80) Butylbenzylphthalate	13.40	149	637471	23.191	ng	98
81) Benzo(a)anthracene	13.97	228	1315191	22.100	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	547829	25.834	ng	98
83) Chrysene	14.00	228	1316378	23.080	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	874670	26.045	ng	100
85) Di-n-octyl phthalate	14.57	149	1507165	30.320	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	1356992	27.381	ng	100
88) Benzo(b)fluoranthene	15.01	252	1412653	20.622	ng	98
89) Benzo(k)fluoranthene	15.03	252	1280240	20.172	ng	99
90) Benzo(a)pyrene	15.36	252	1234240	20.886	ng	100
91) Dibenzo(a,h)anthracene	16.88	278	1123797	21.499	ng	99
92) Benzo(g,h,i)perylene	17.30	276	1052960	20.747	ng	98

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

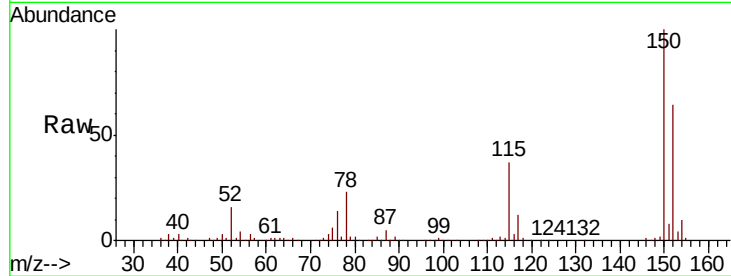


#1

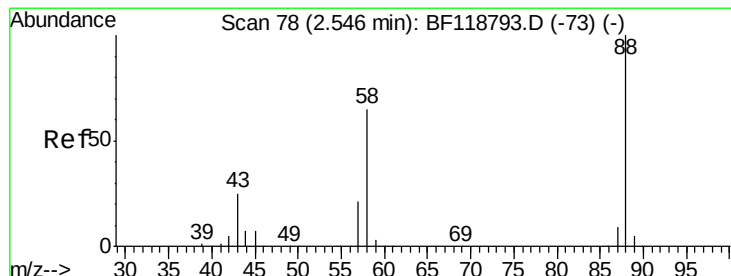
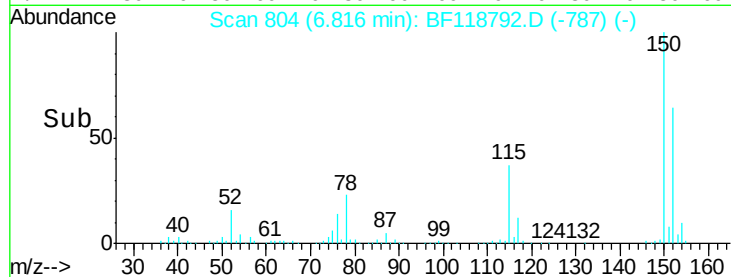
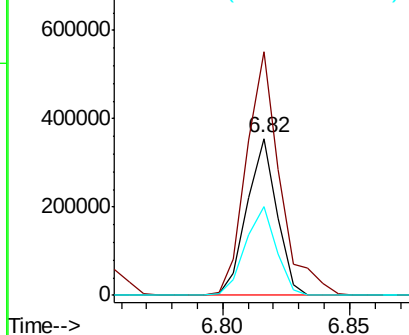
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.6	185.4
115	57.0	48.2	72.2



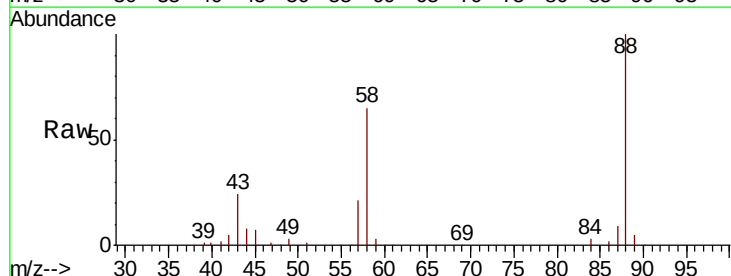
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



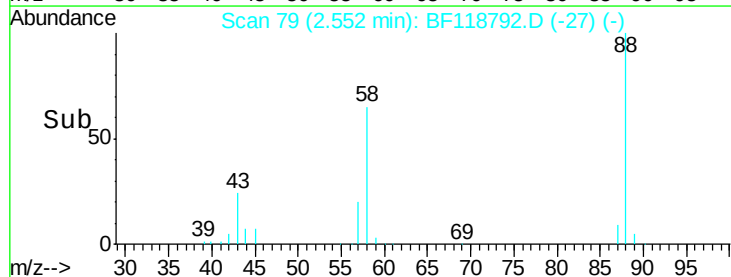
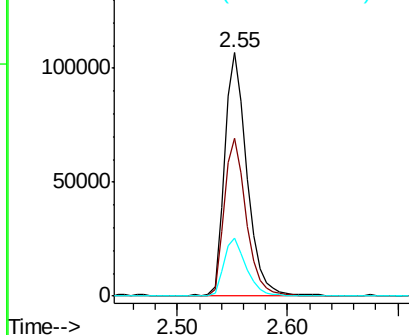
#2

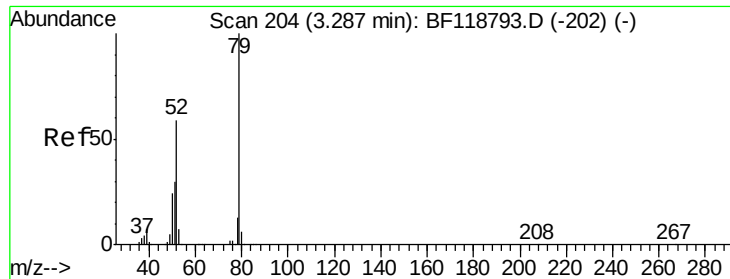
1,4-Dioxane
 Concen: 19.989 ng
 RT: 2.55 min Scan# 79
 Delta R.T. 0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.6	51.6	77.4
43	23.8	19.8	29.6



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: 19.048 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

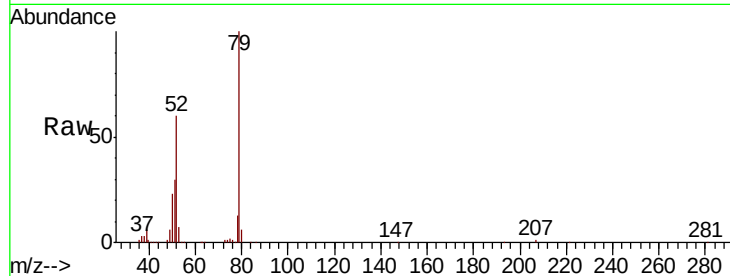
Tot Ion: 79 Resp: 410338

Ion Ratio Lower Upper

79 100

52 60.2 47.4 71.0

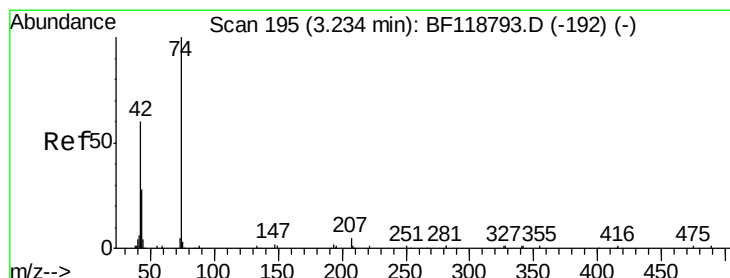
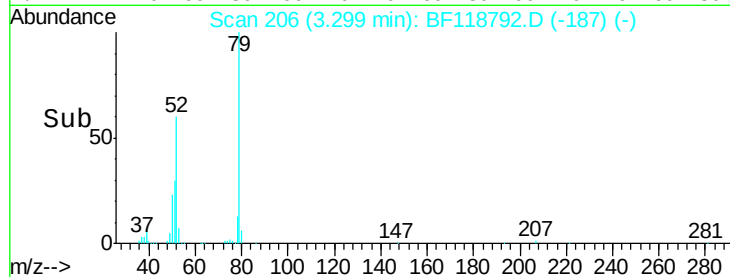
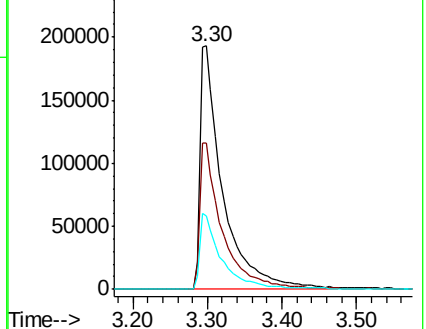
51 29.9 24.2 36.4



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: 16.228 ng

RT: 3.22 min Scan# 193

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

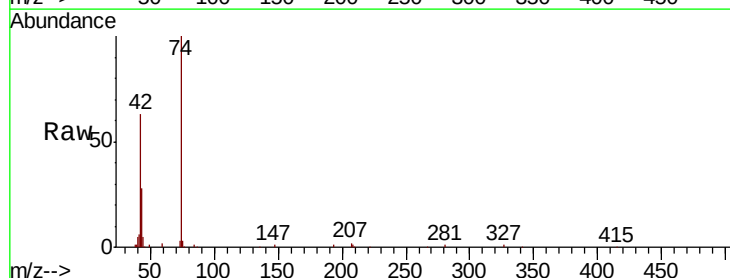
Tgt Ion: 42 Resp: 149872

Ion Ratio Lower Upper

42 100

74 159.2 124.3 186.5

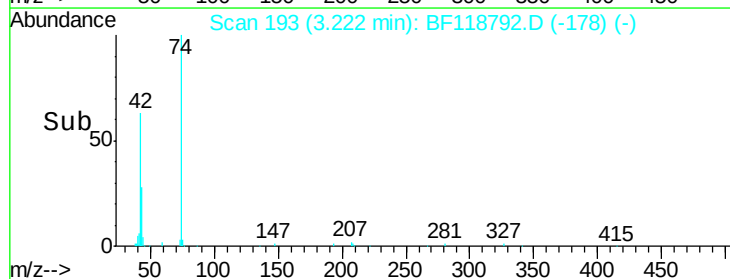
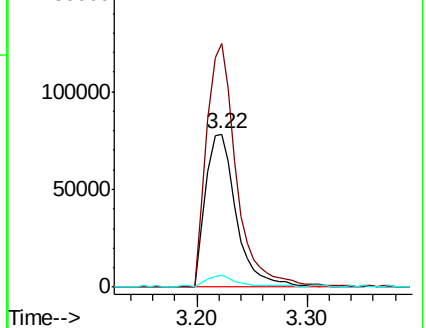
44 7.4 5.3 7.9

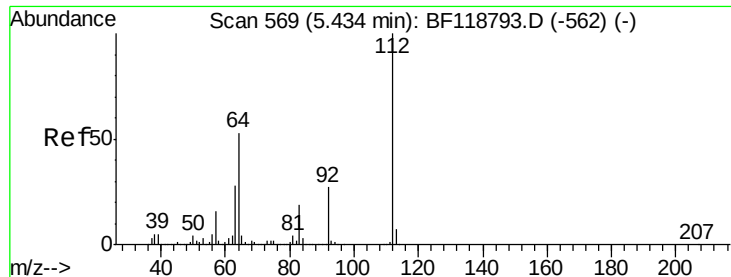


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 44.597 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

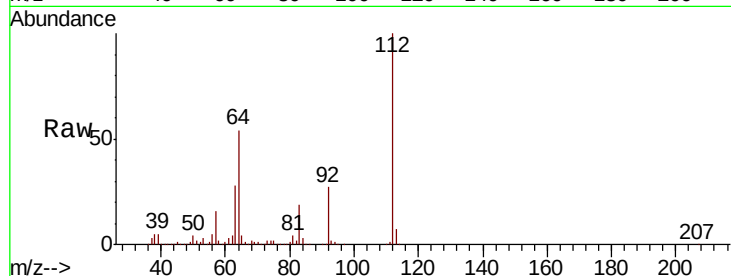
Tot Ion:112 Resp: 703750

Ion Ratio Lower Upper

112 100

64 54.0 42.6 63.8

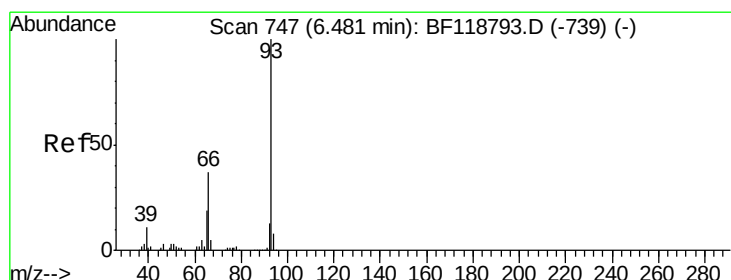
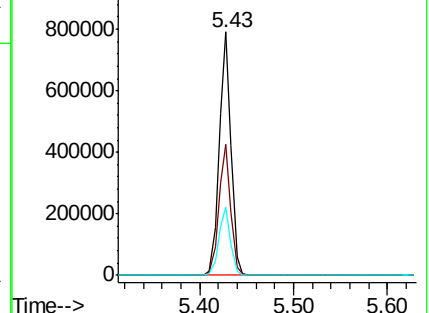
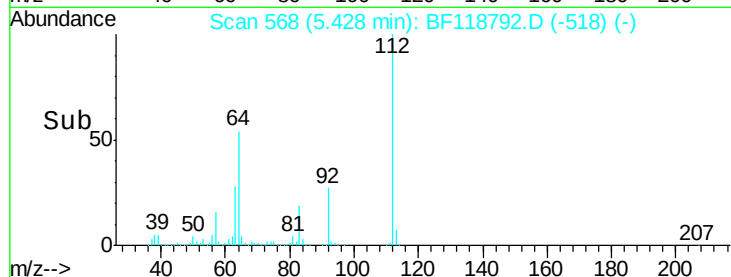
63 28.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.754 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

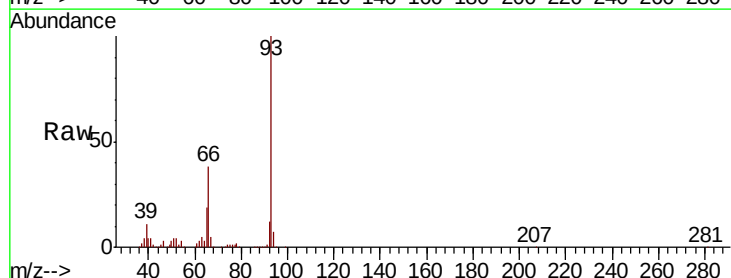
Tgt Ion: 93 Resp: 560509

Ion Ratio Lower Upper

93 100

66 38.3 30.8 46.2

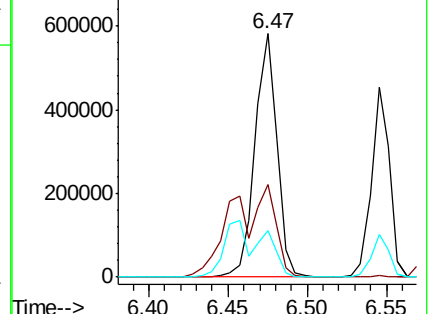
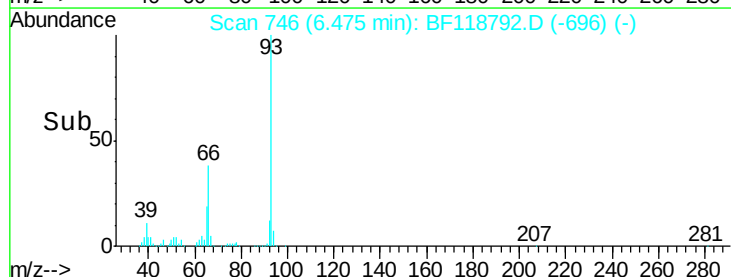
65 19.1 15.4 23.0

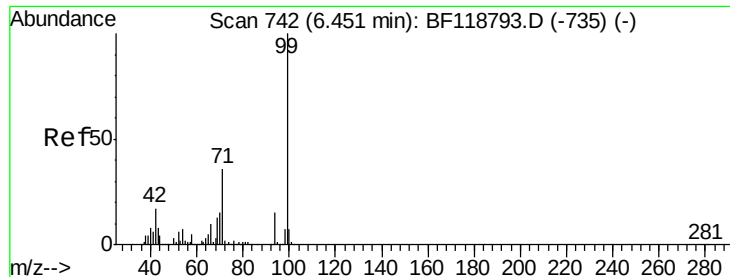


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 42.463 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampled :

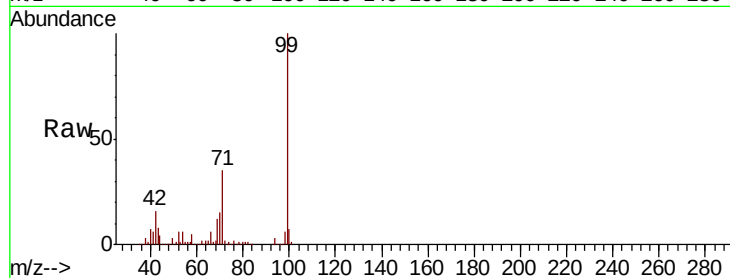
Tot Ion: 99 Resp: 870931

Ion Ratio Lower Upper

99 100

42 16.4 13.4 20.0

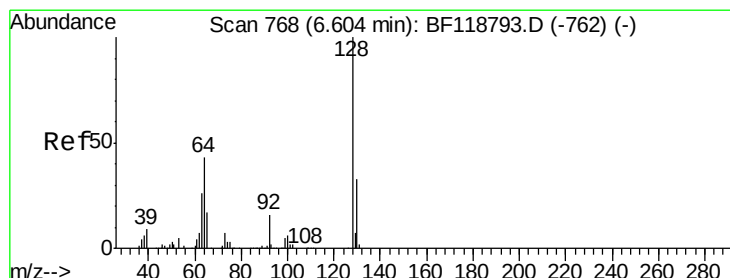
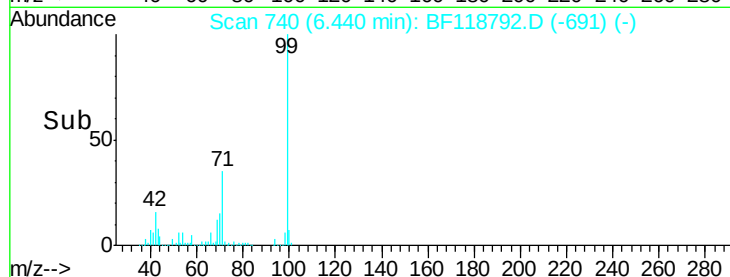
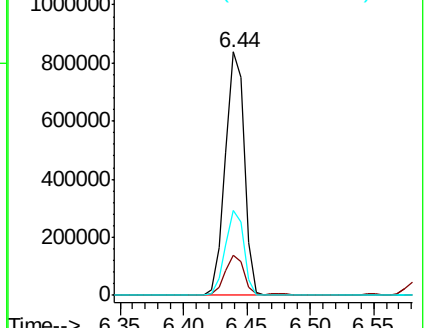
71 34.9 29.0 43.6



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: 21.913 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

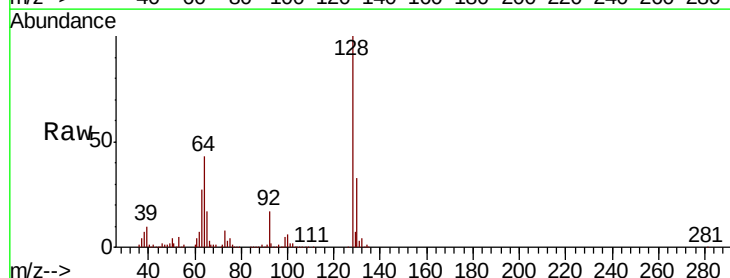
Tgt Ion: 128 Resp: 388129

Ion Ratio Lower Upper

128 100

130 32.5 13.1 53.1

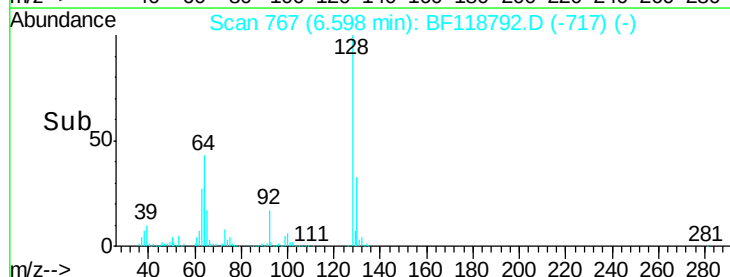
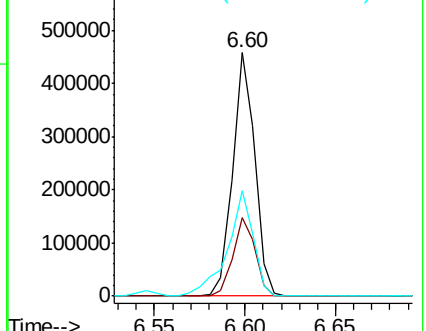
64 43.2 23.0 63.0

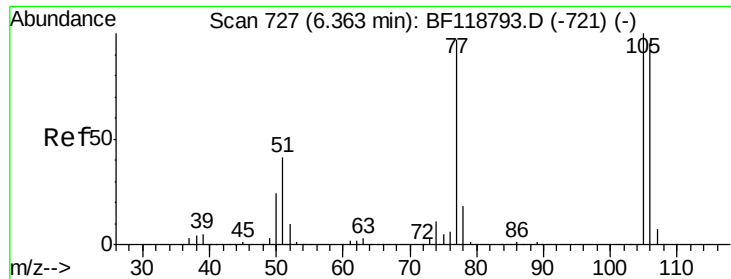


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

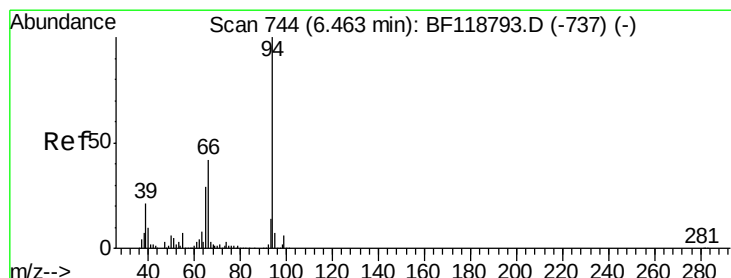
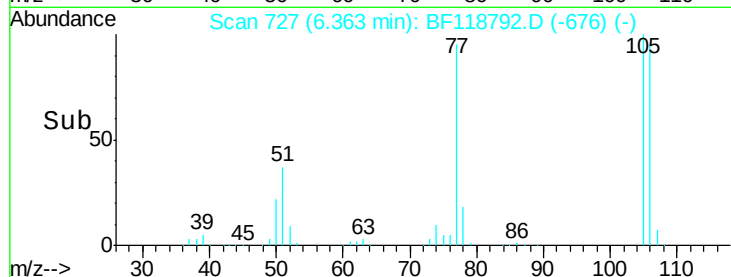
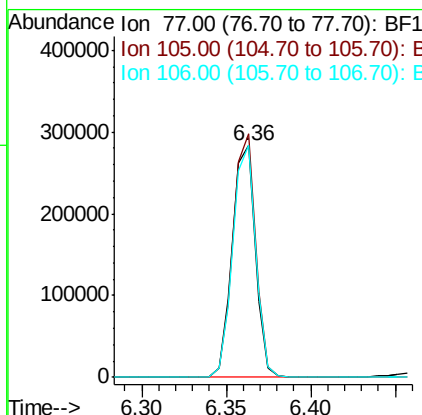
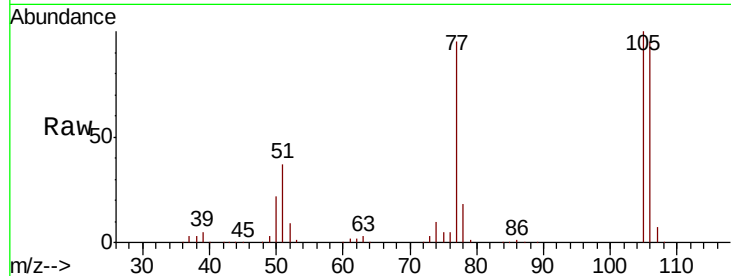




#9
Benzaldehyde
Concen: 21.637 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

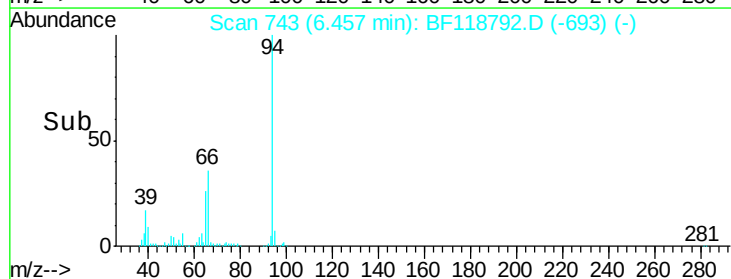
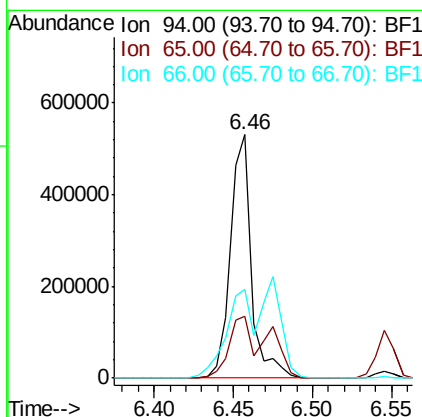
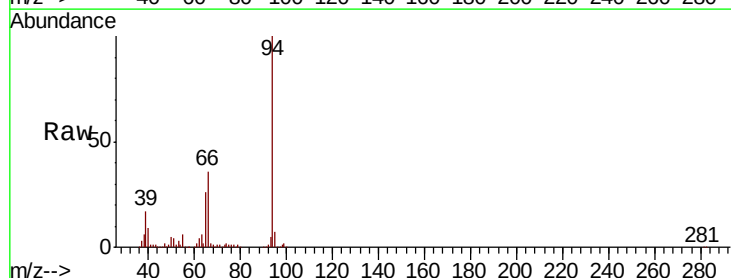
Instrument :
BNA_F
ClientSampleId :

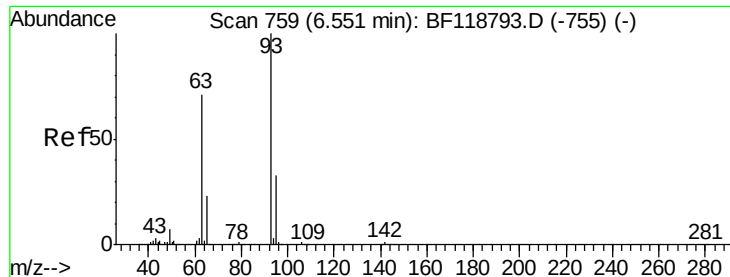
Tot Ion	Ratio	Lower	Upper
77	100		
105	105.1	82.8	122.8
106	100.0	78.1	118.1



#10
Phenol
Concen: 20.981 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.6	9.1	49.1
66	36.2	21.7	61.7





#11

bis(2-Chloroethyl)ether

Concen: 20.916 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

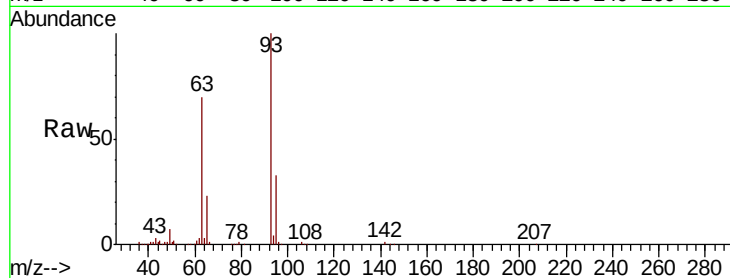
Tot Ion: 93 Resp: 362724

Ion Ratio Lower Upper

93 100

63 69.8 50.7 90.7

95 32.8 12.6 52.6

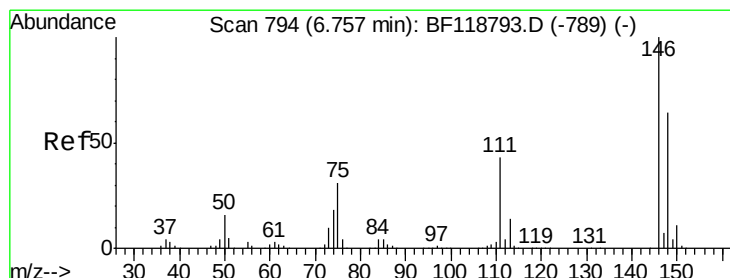
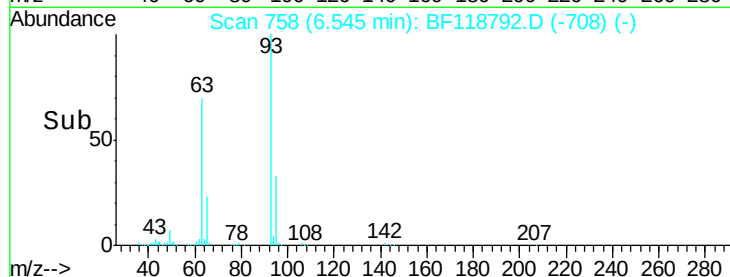
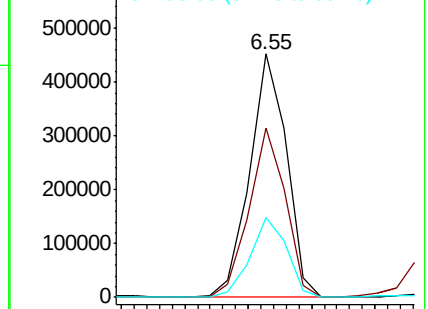


Abundance

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: 22.284 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

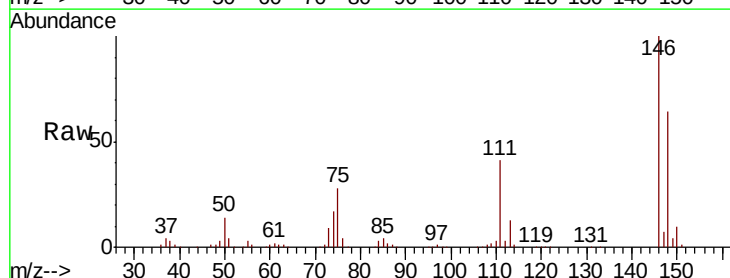
Tgt Ion: 146 Resp: 461969

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

75 28.4 25.0 37.4

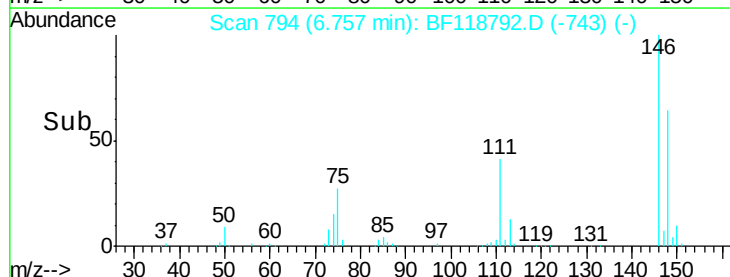
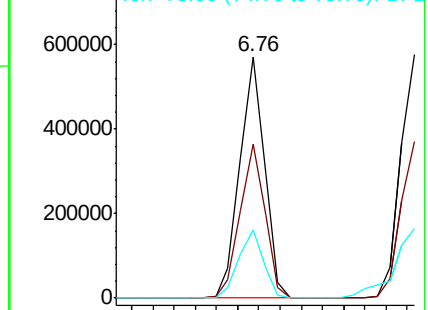


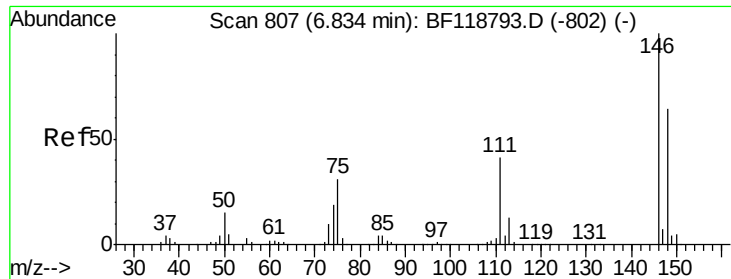
Abundance

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

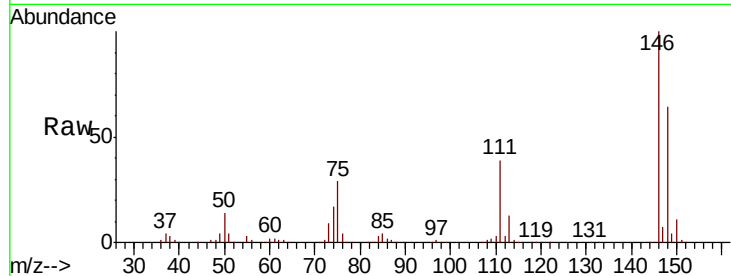




#13
 1,4-Dichlorobenzene
 Concen: 22.271 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	39.1	32.9	49.3

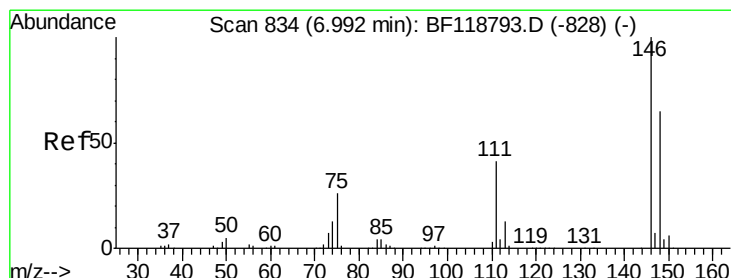
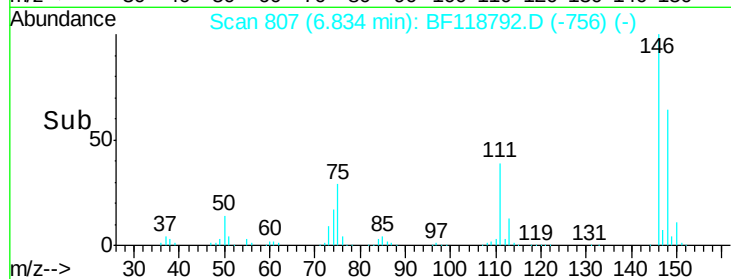
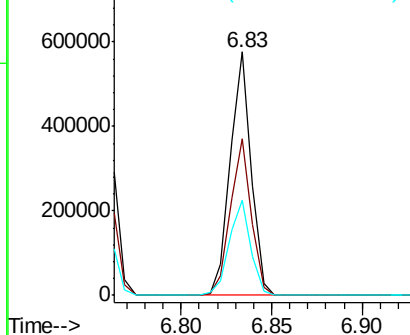


Abundance

Ion 146.00 (145.70 to 146.70): E

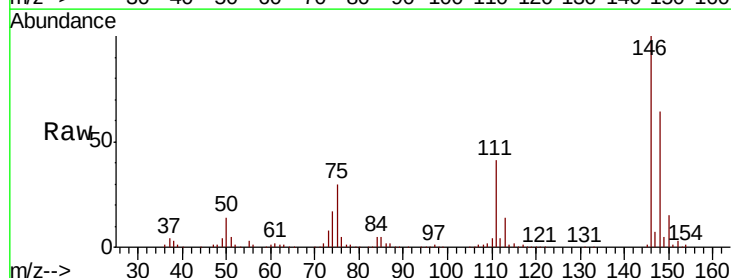
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 22.453 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	41.3	32.7	49.1

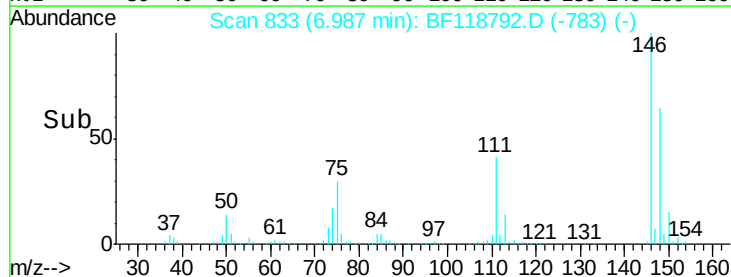
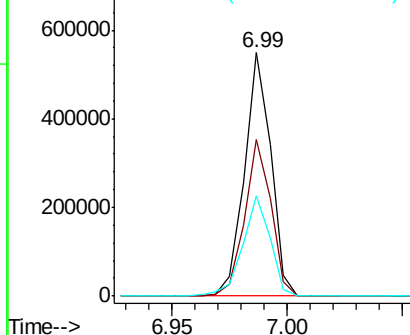


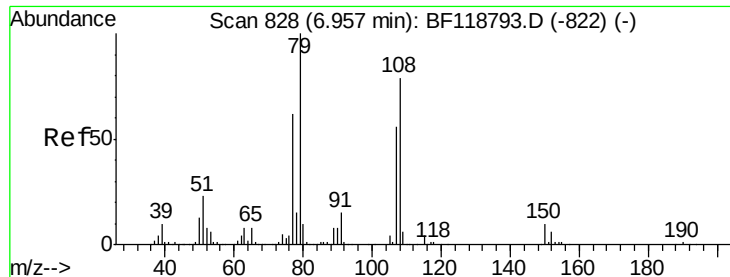
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 20.614 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampled :

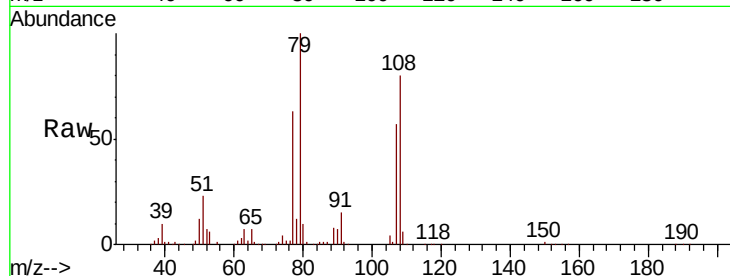
Tot Ion: 79 Resp: 335286

Ion Ratio Lower Upper

79 100

108 79.6 62.9 94.3

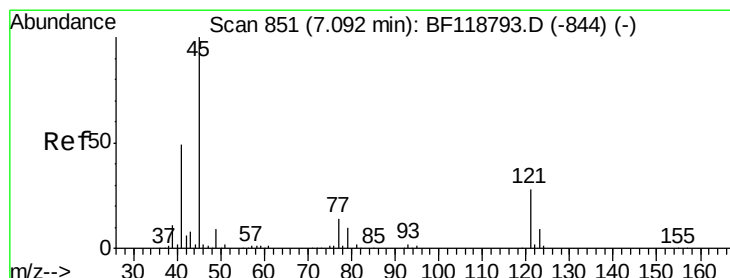
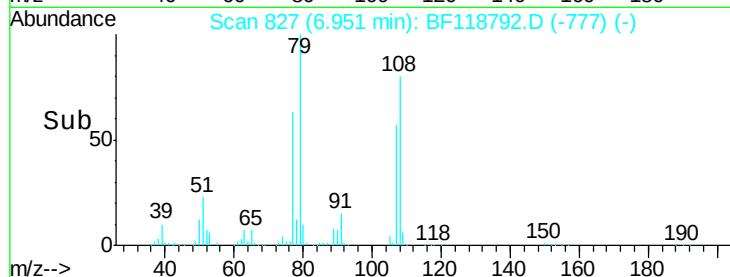
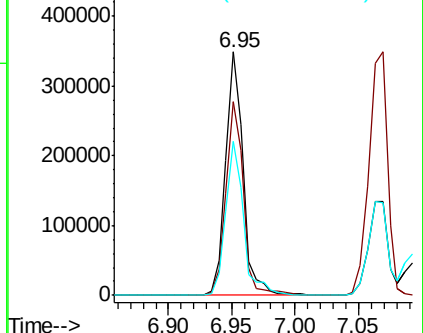
77 63.1 50.0 75.0



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: 18.666 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

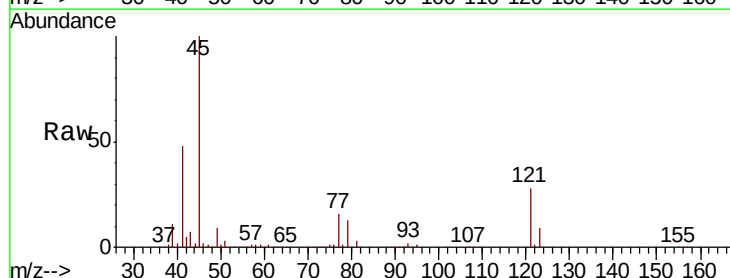
Tgt Ion: 45 Resp: 450884

Ion Ratio Lower Upper

45 100

77 16.4 0.0 37.1

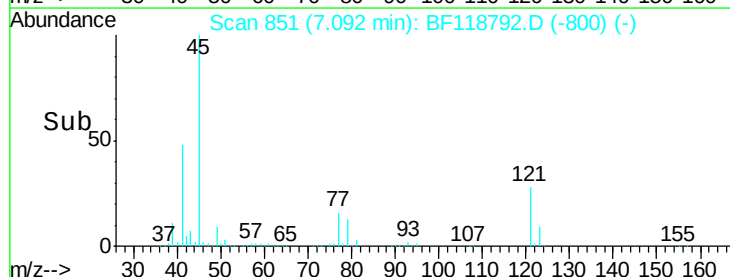
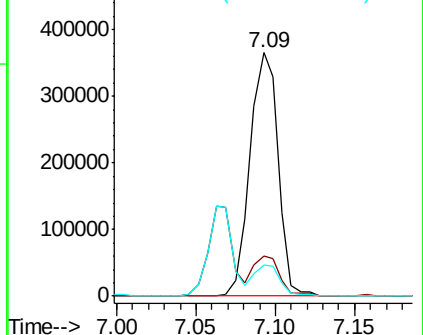
79 12.8 0.0 33.1

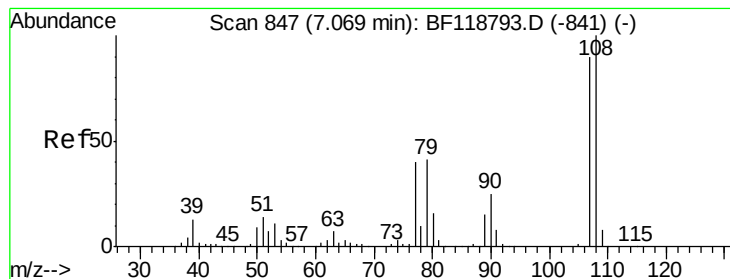


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

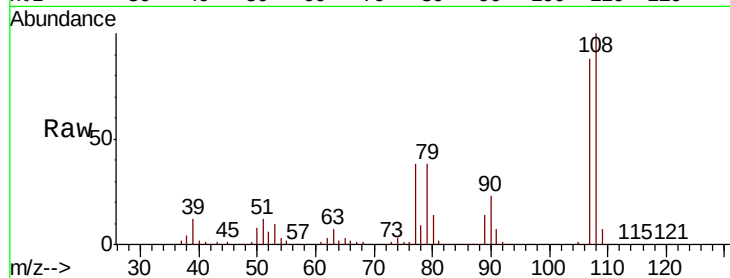




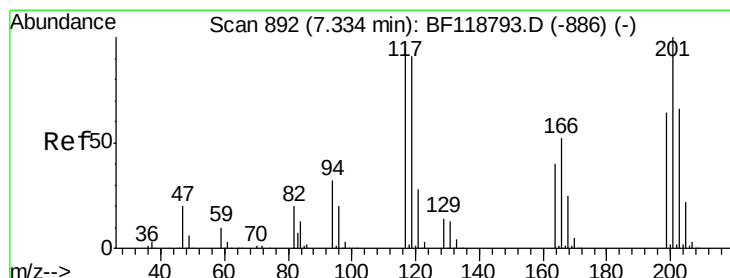
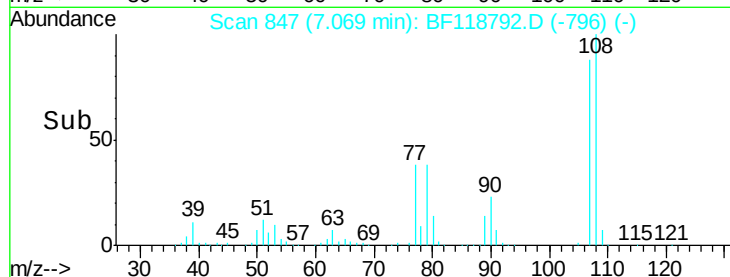
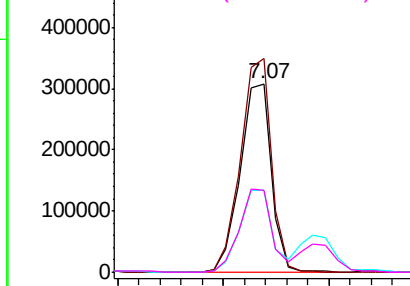
#17
2-Methylphenol
Concen: 21.314 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 314466
Ion Ratio Lower Upper
107 100
108 113.5 89.3 133.9
77 43.3 36.2 54.2
79 43.5 36.3 54.5

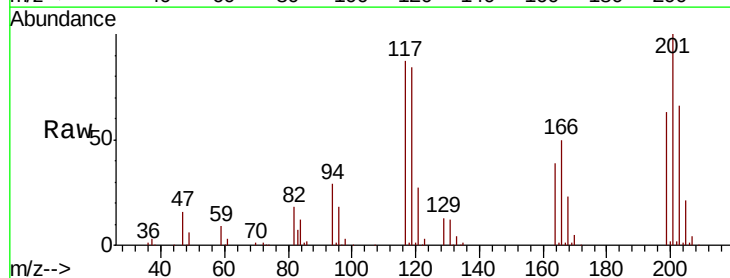


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

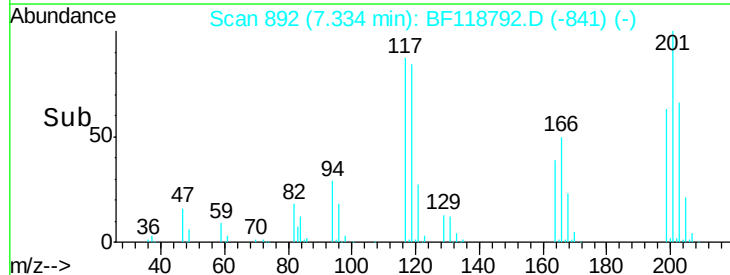
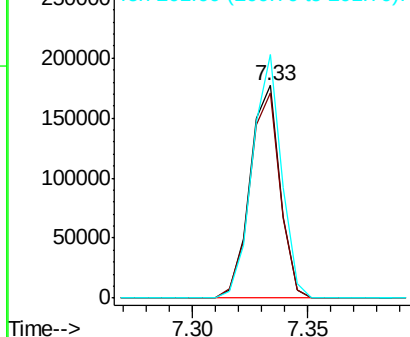


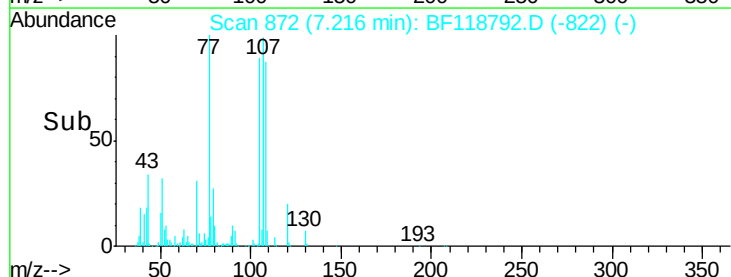
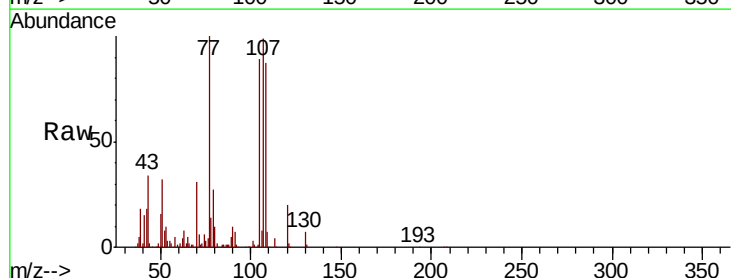
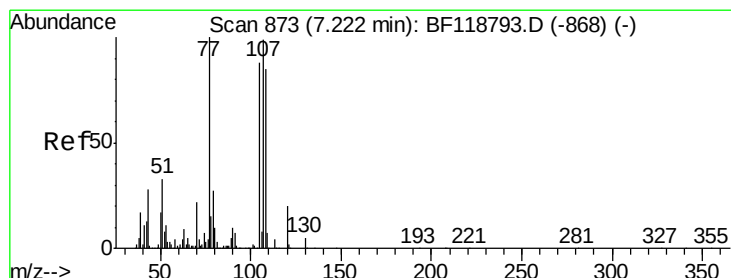
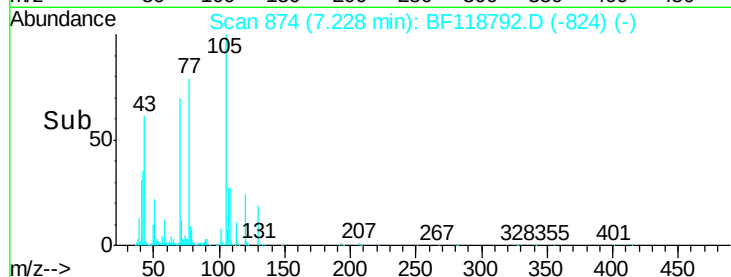
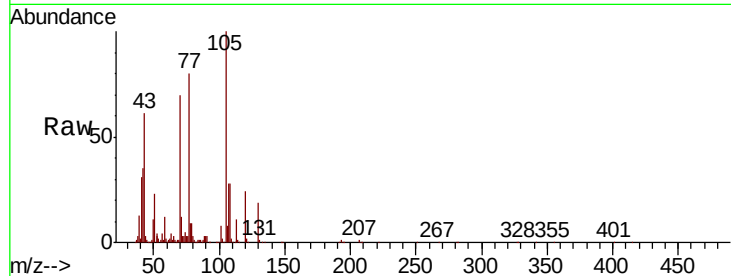
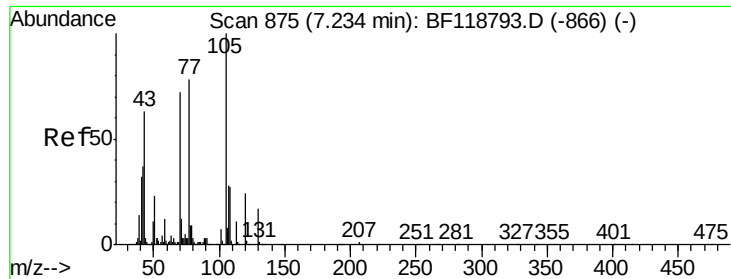
#18
Hexachloroethane
Concen: 21.426 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion:117 Resp: 161682
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
201 114.6 85.1 127.7



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

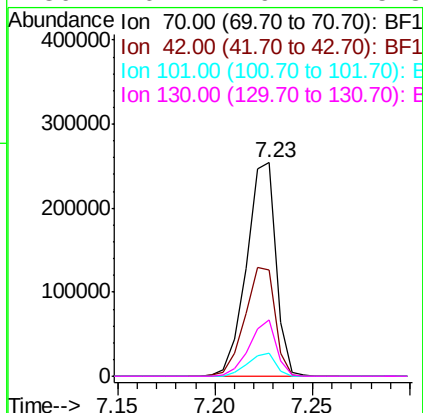




#19
n-Nitroso-di-n-propylamine
Concen: 19.161 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

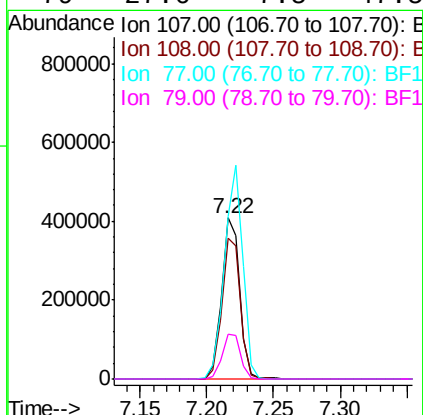
Instrument :
BNA_F
ClientSampleId :

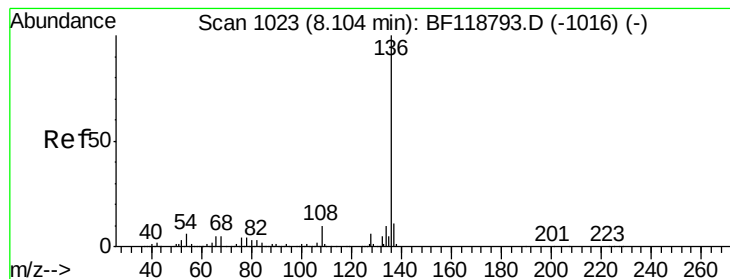
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.5	41.5	62.3
101	11.0	8.3	12.5
130	26.4	19.2	28.8



#20
3+4-Methylphenols
Concen: 21.840 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	65.9	105.9
77	100.9	80.9	120.9
79	27.6	7.5	47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1108482

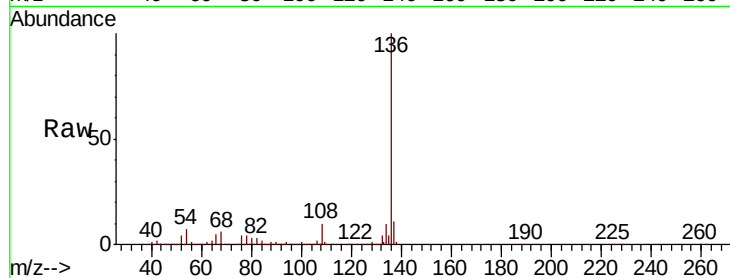
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 6.9 5.0 7.6

68 6.0 4.2 6.4

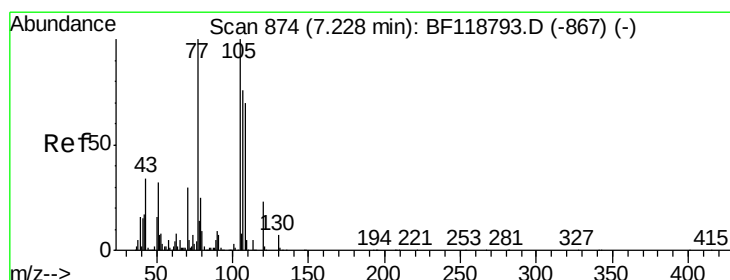
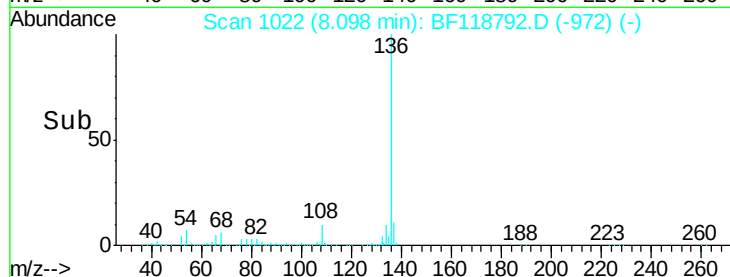
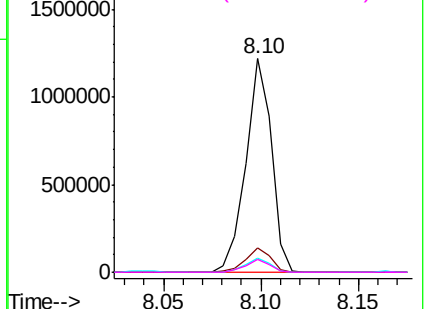


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 20.559 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Tgt Ion:105 Resp: 539850

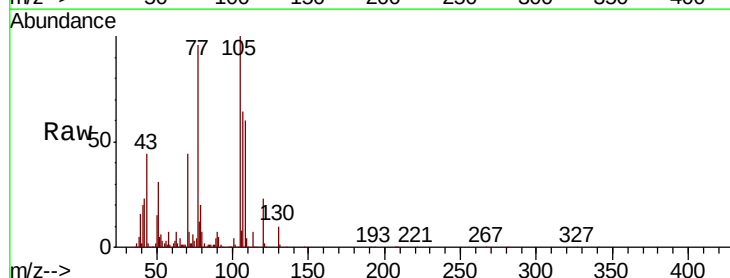
Ion Ratio Lower Upper

105 100

71 7.2 4.2 6.4#

51 30.6 25.5 38.3

120 23.4 18.6 28.0

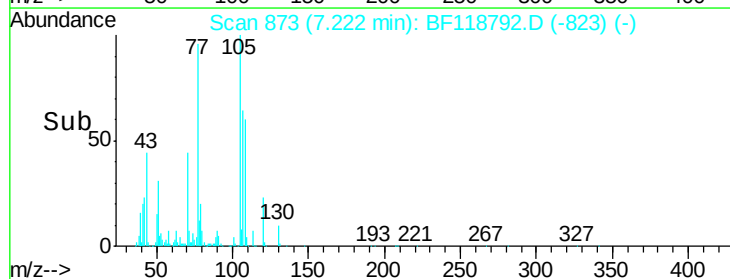
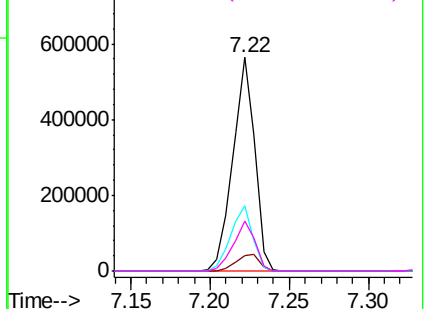


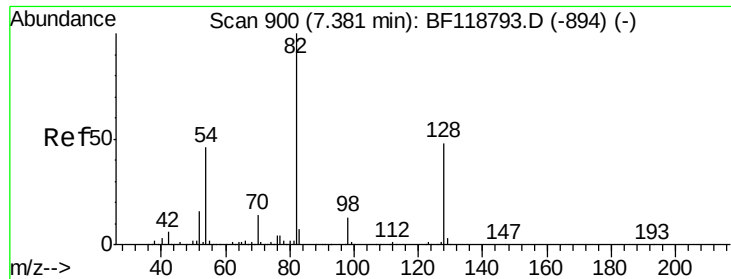
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

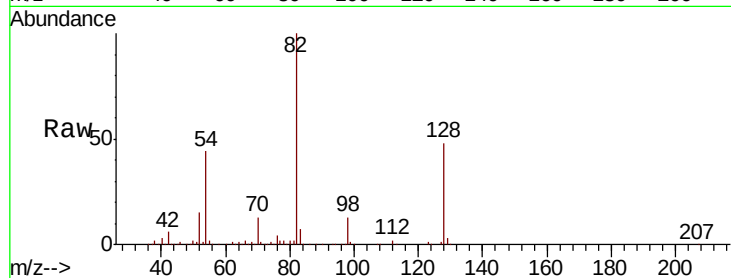




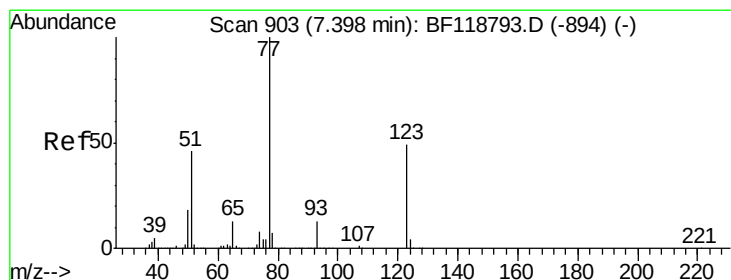
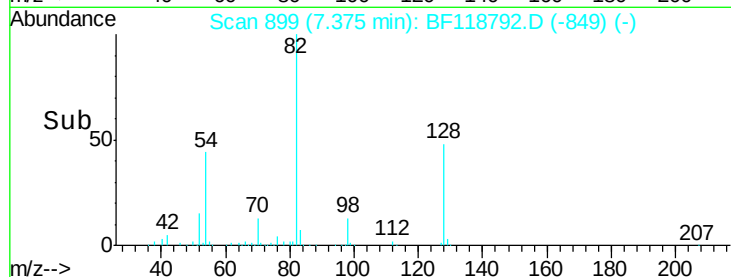
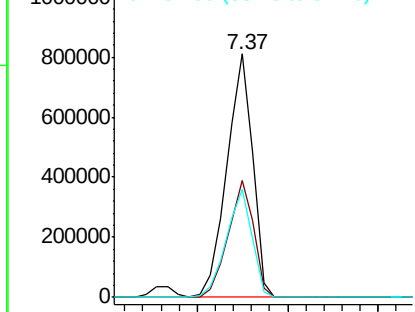
#23
Nitrobenzene-d5
Concen: 40.588 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 804356
Ion Ratio Lower Upper
82 100
128 48.1 38.5 57.7
54 44.3 36.7 55.1

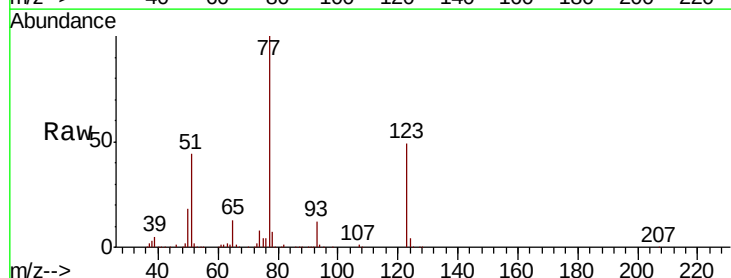


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

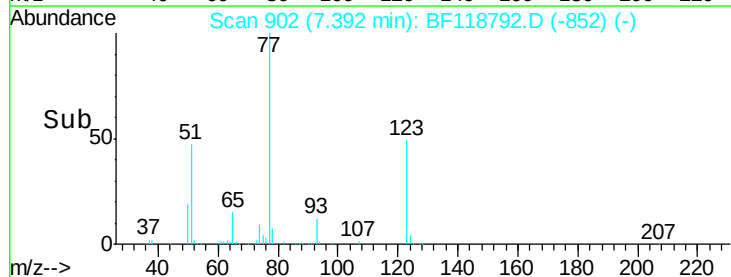
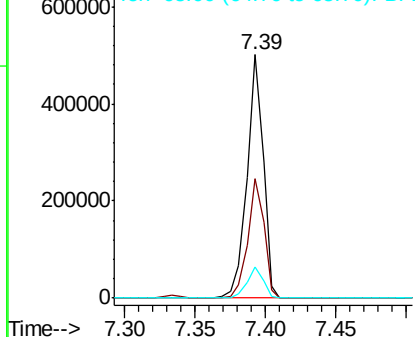


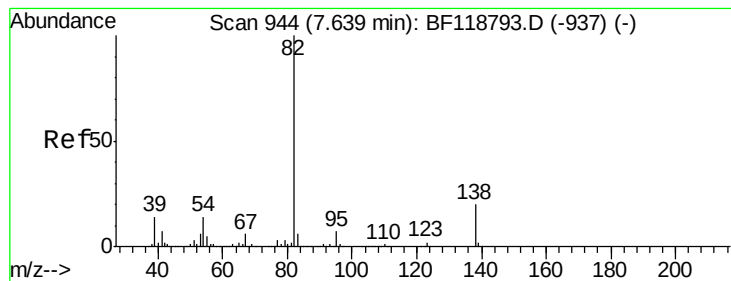
#24
Nitrobenzene
Concen: 19.917 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion: 77 Resp: 404155
Ion Ratio Lower Upper
77 100
123 49.2 39.0 58.4
65 13.0 10.6 15.8



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





#25

Isophorone

Concen: 19.738 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampled :

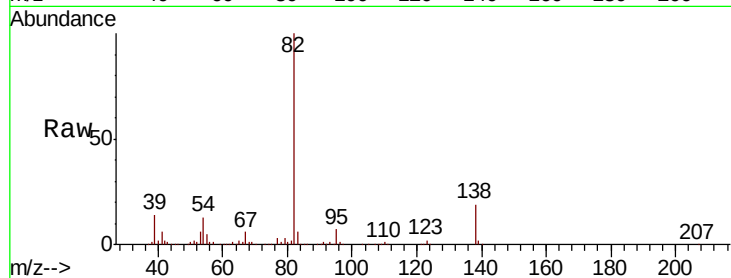
Tot Ion: 82 Resp: 713463

Ion Ratio Lower Upper

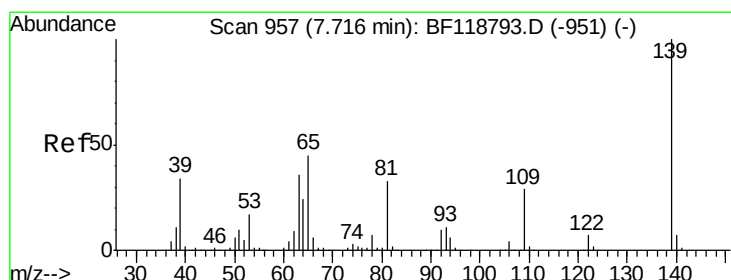
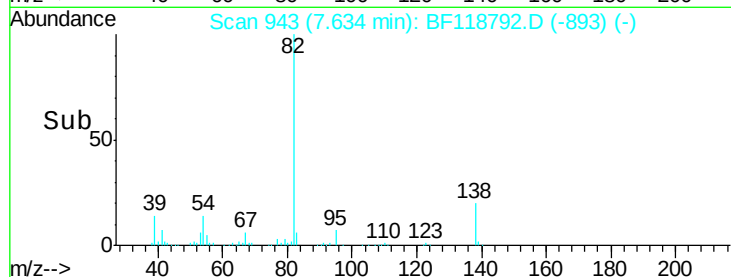
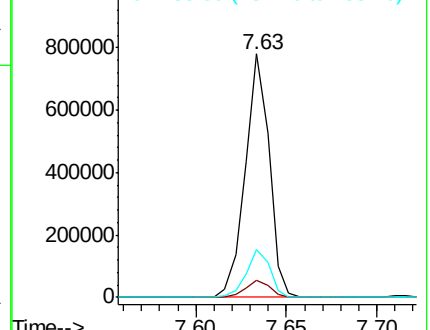
82 100

95 7.1 6.0 9.0

138 19.5 15.7 23.5



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: 23.538 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

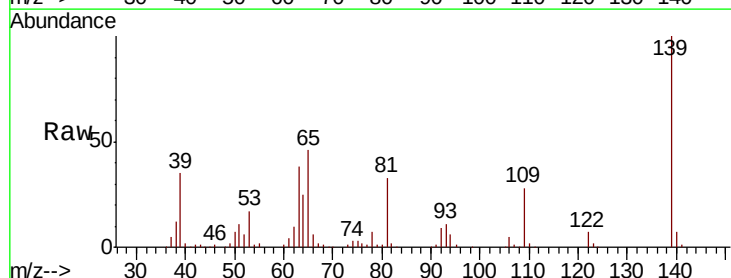
Tgt Ion: 139 Resp: 203681

Ion Ratio Lower Upper

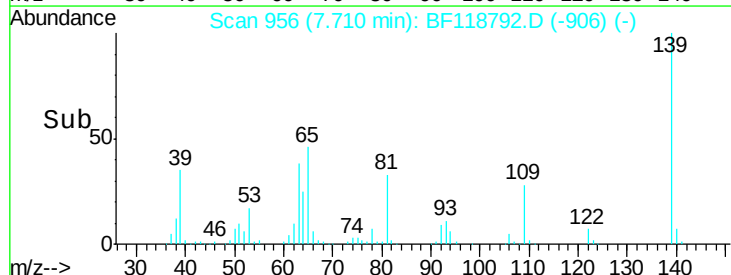
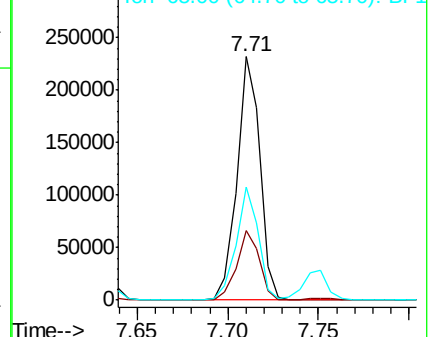
139 100

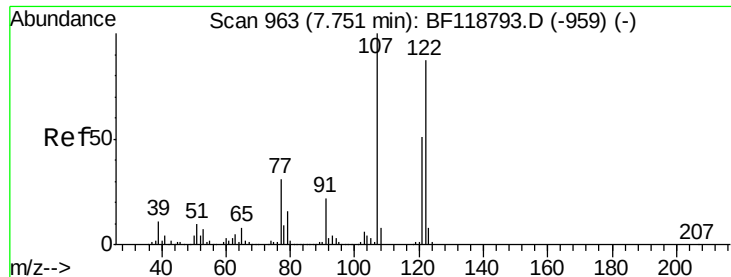
109 28.3 23.4 35.0

65 46.5 36.2 54.2



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





#27

2,4-Dimethylphenol

Concen: 19.184 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF118792.D

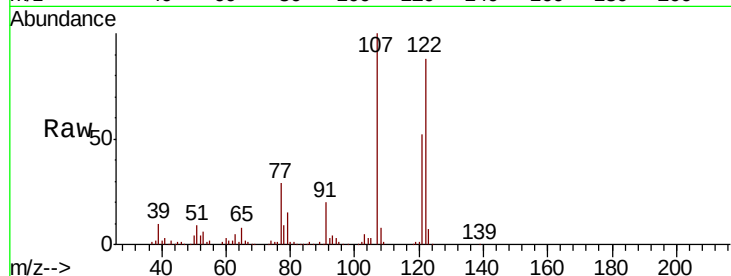
Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampled :

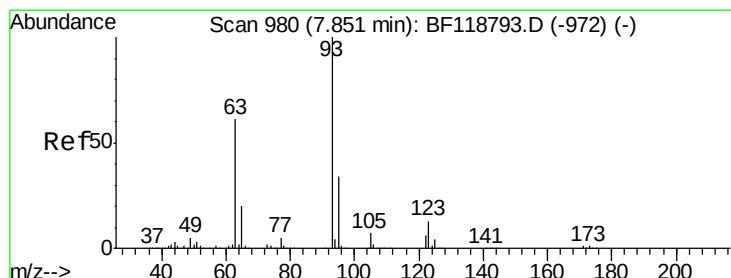
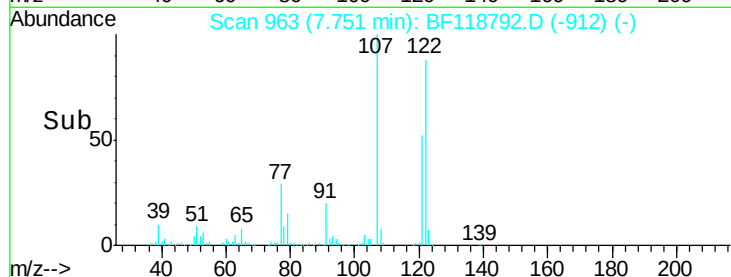
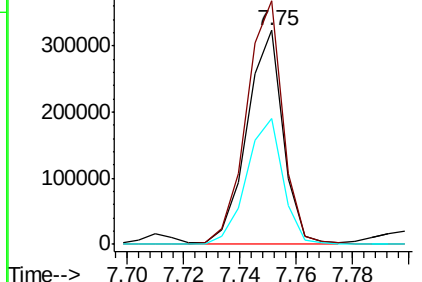
Tot Ion:	122	Resp:	286657
Ion	Ratio	Lower	Upper
122	100		
107	113.7	92.2	138.2
121	58.6	46.8	70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 20.151 ng

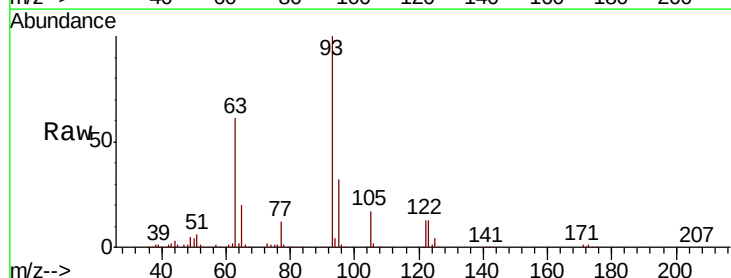
RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

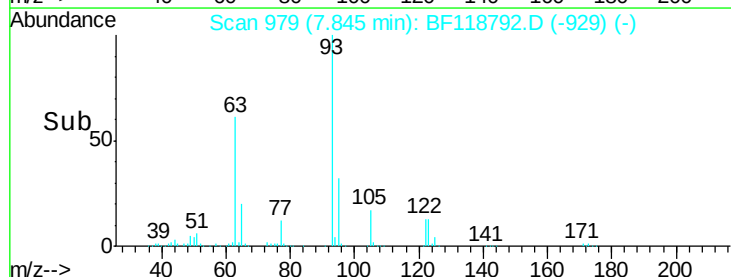
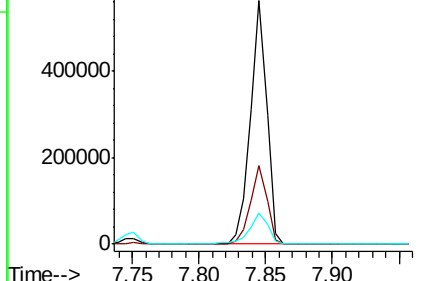
Tgt Ion:	93	Resp:	469338
Ion	Ratio	Lower	Upper
93	100		
95	32.5	27.0	40.4
123	12.6	10.6	15.8

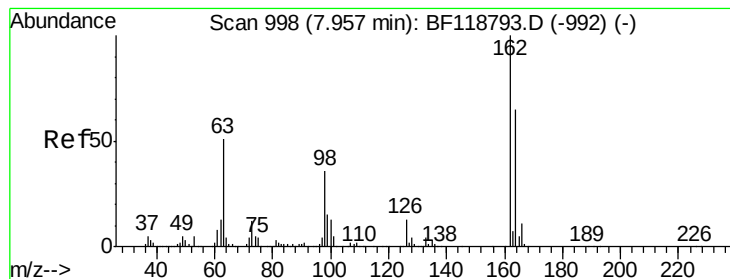


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 20.842 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampled :

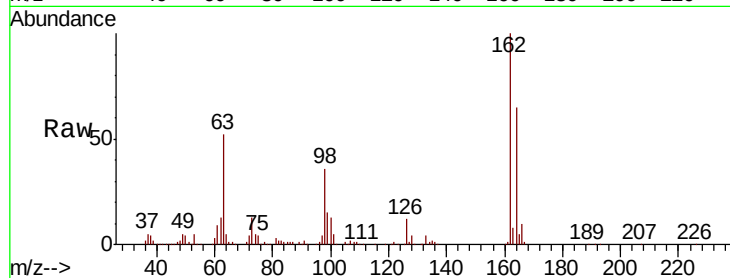
Tot Ion:162 Resp: 344270

Ion Ratio Lower Upper

162 100

164 64.8 44.8 84.8

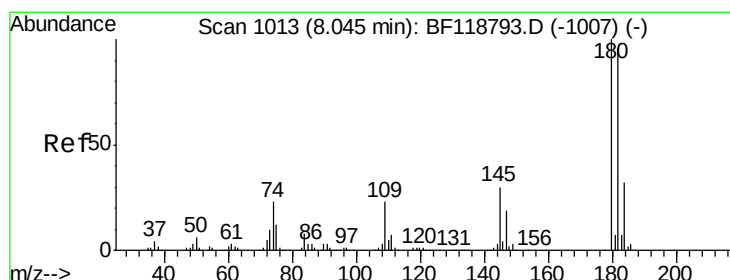
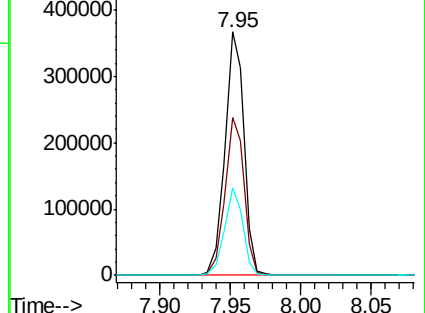
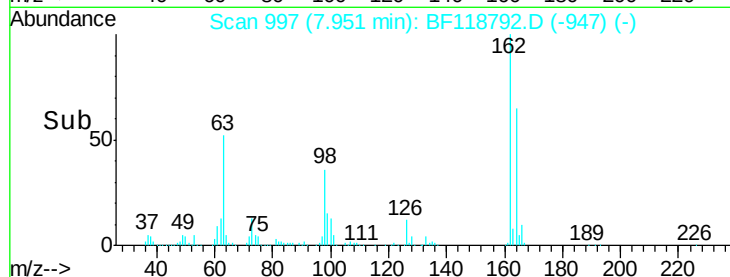
98 36.2 16.4 56.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 21.604 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

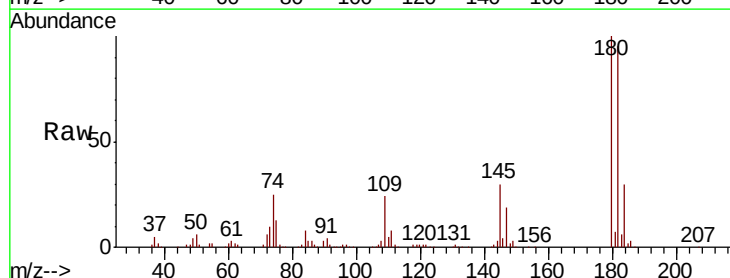
Tgt Ion:180 Resp: 413787

Ion Ratio Lower Upper

180 100

182 94.6 76.6 115.0

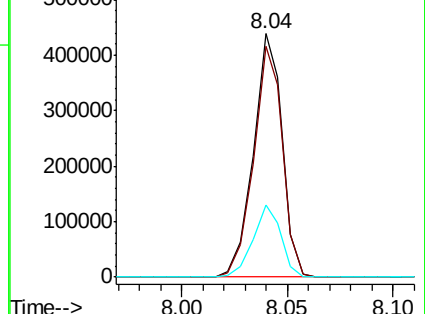
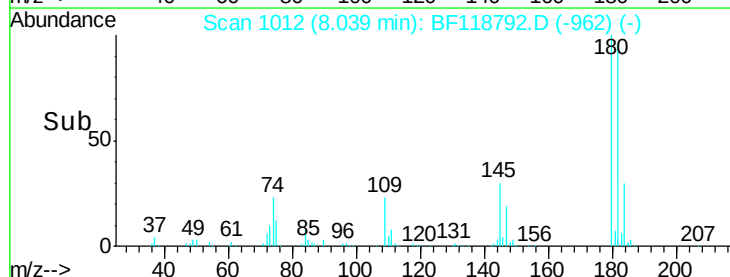
145 29.5 24.0 36.0

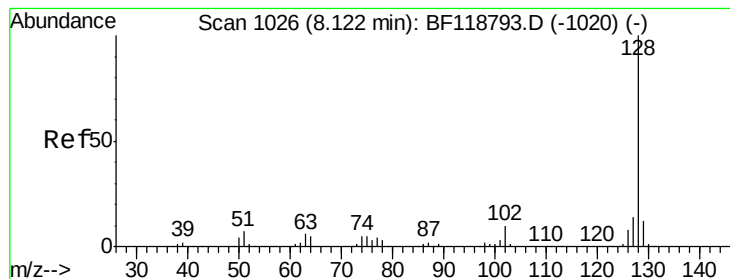


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 23.008 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

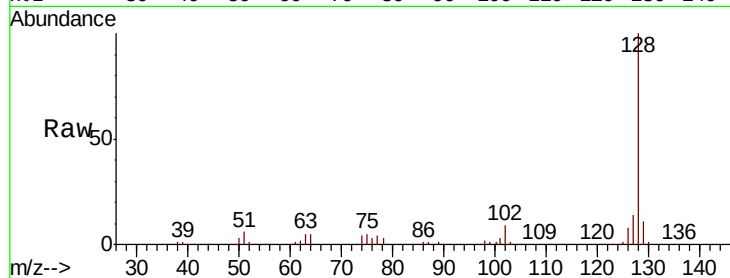
Tot Ion:128 Resp: 1152123

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

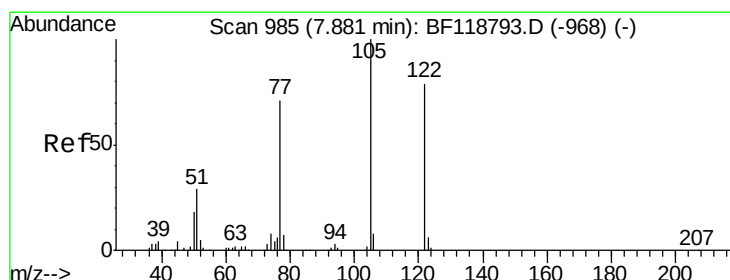
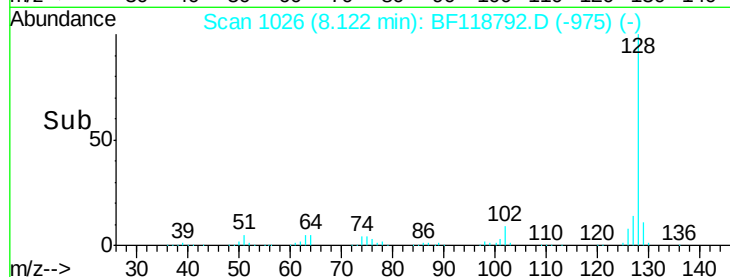
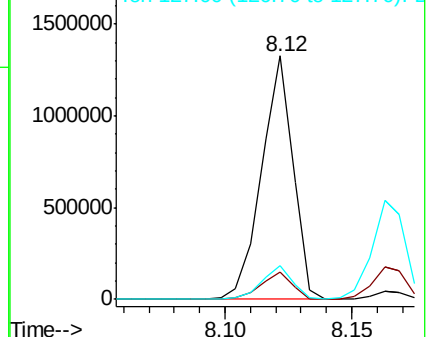
127 13.6 11.3 16.9



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: 18.766 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.04 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

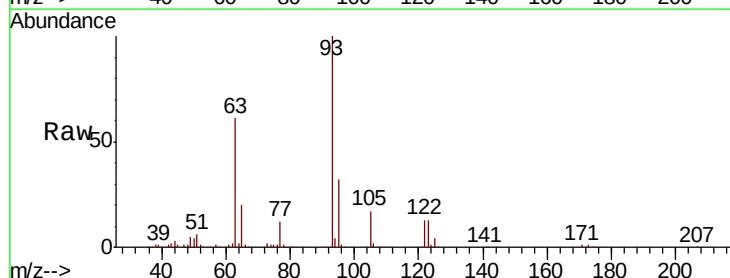
Tgt Ion:122 Resp: 210452

Ion Ratio Lower Upper

122 100

105 123.1 104.4 144.4

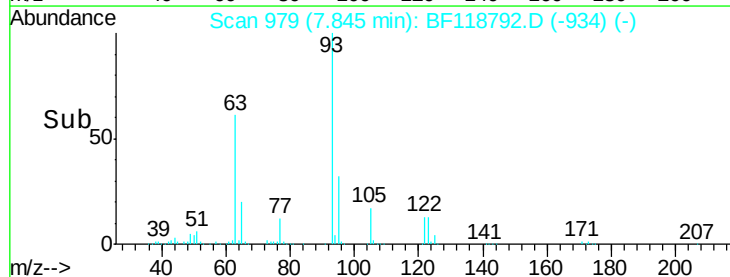
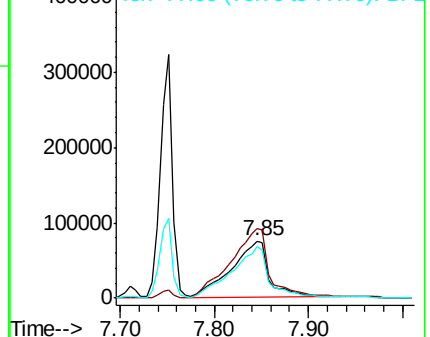
77 91.8 69.3 109.3

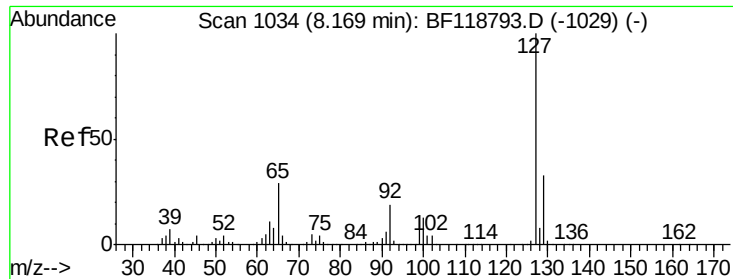


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

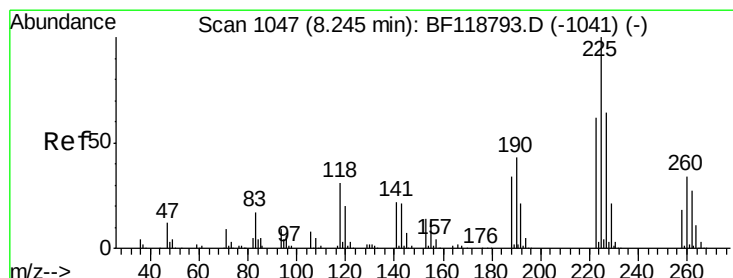
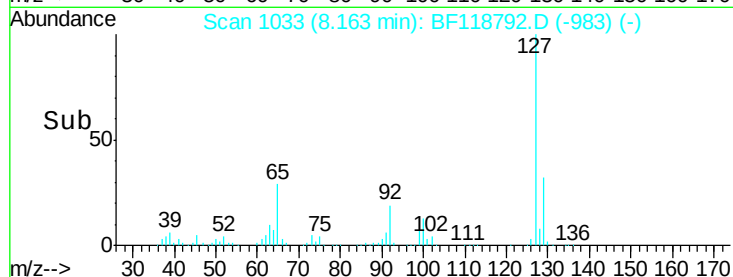
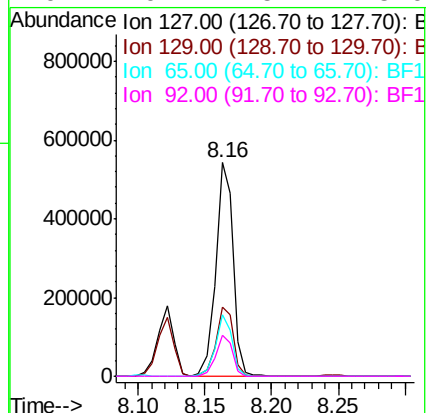
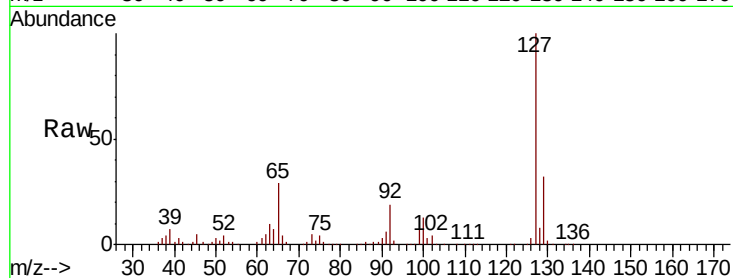




#33
4-Chloroaniline
Concen: 21.387 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

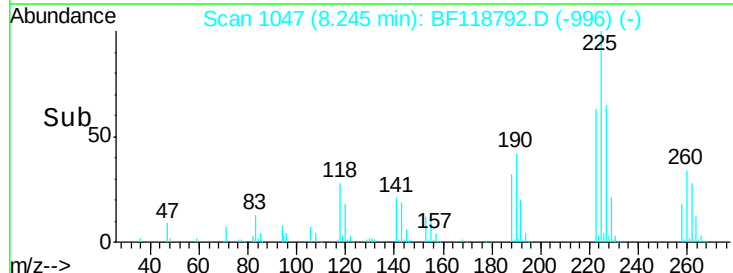
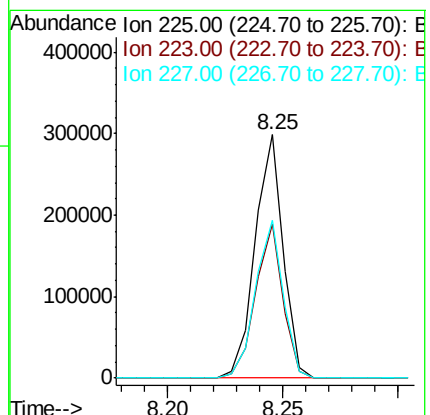
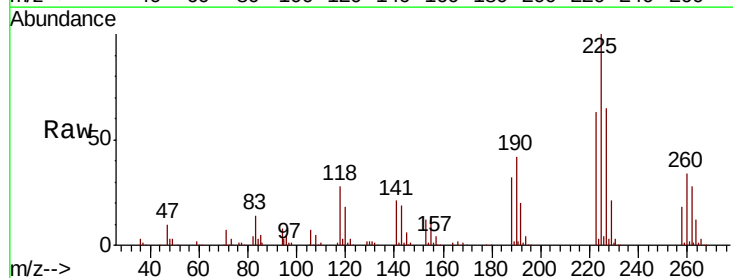
Instrument :
BNA_F
ClientSampleId :

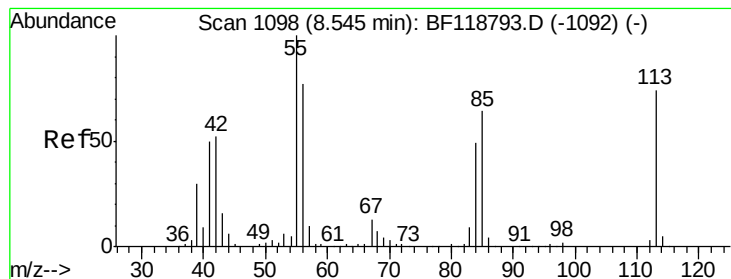
Tot Ion:	127	Resp:	494986
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.7	40.1
65	28.7	22.9	34.3
92	19.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 21.695 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion:	225	Resp:	253047
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	65.0	51.0	76.4





#35

Caprolactam

Concen: 20.052 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampled :

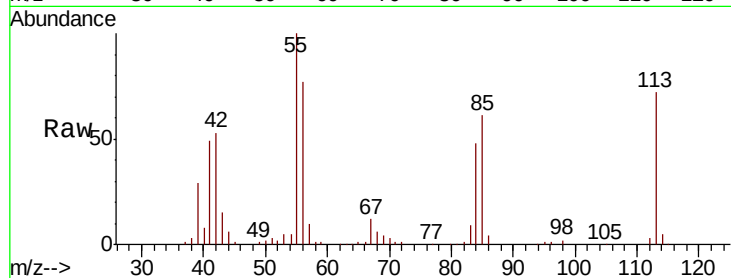
Tot Ion:113 Resp: 108396

Ion Ratio Lower Upper

113 100

55 138.9 115.5 155.5

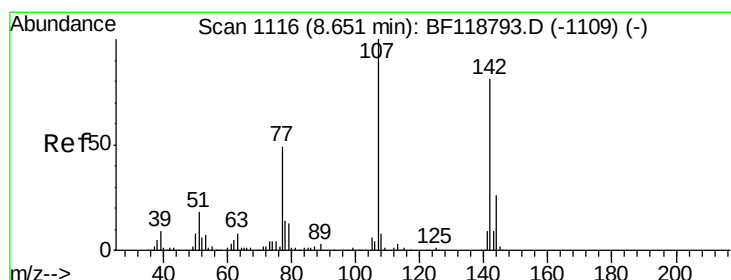
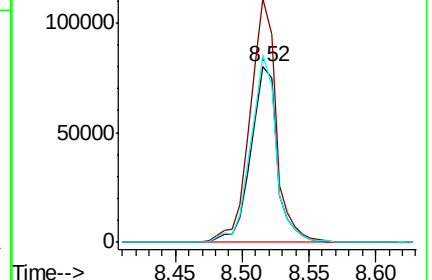
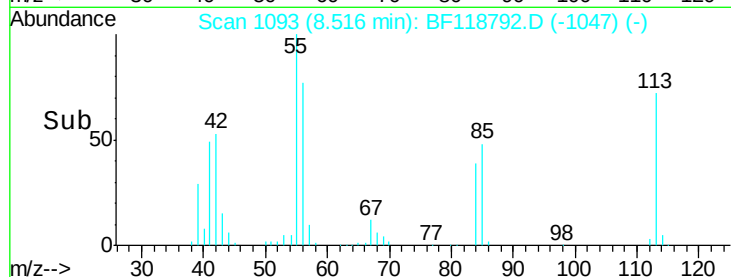
56 106.5 83.7 123.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 21.305 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

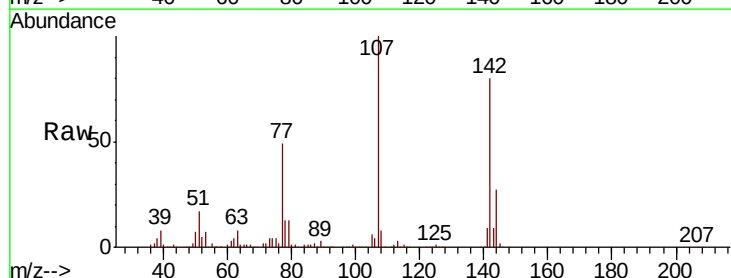
Tgt Ion:107 Resp: 347521

Ion Ratio Lower Upper

107 100

144 26.5 21.0 31.6

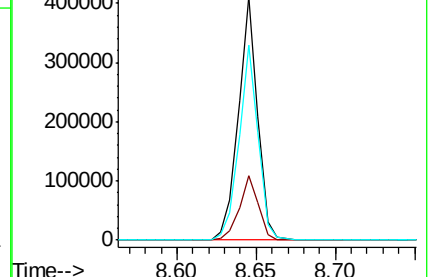
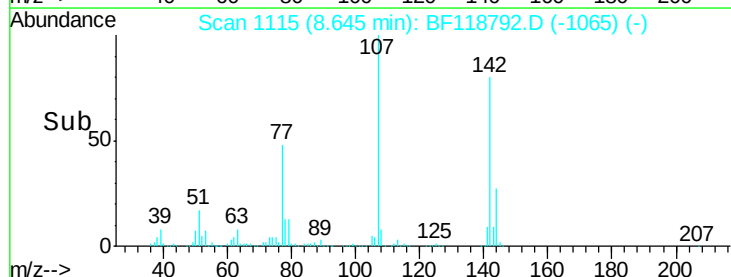
142 80.1 64.8 97.2

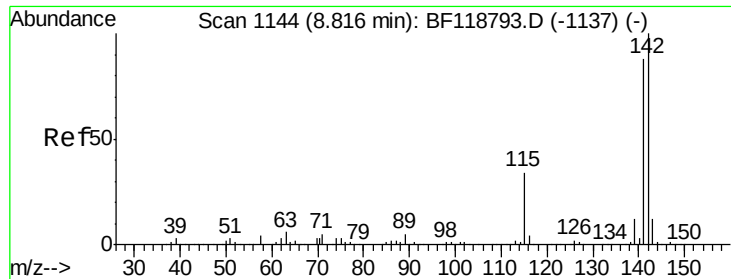


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

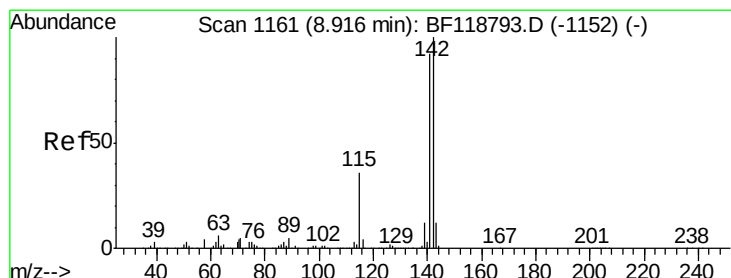
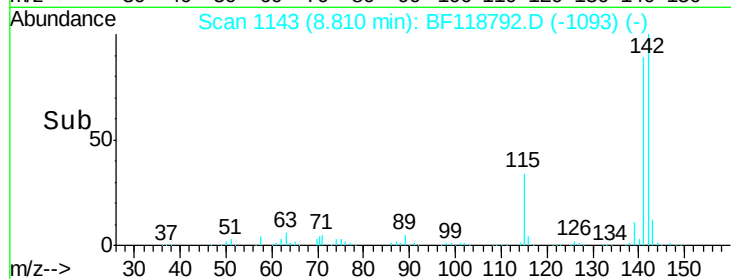
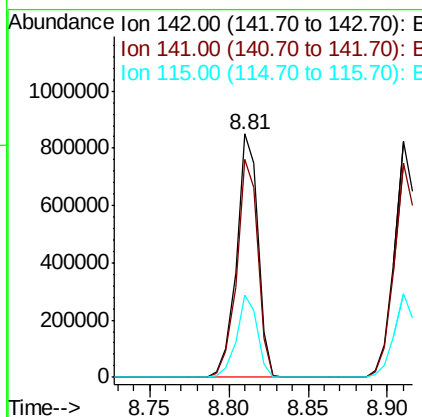
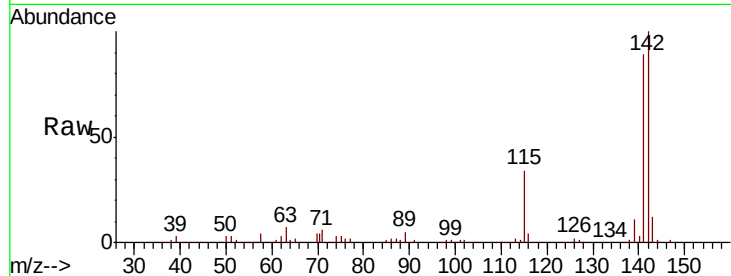




#37
 2-Methylnaphthalene
 Concen: 22.476 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

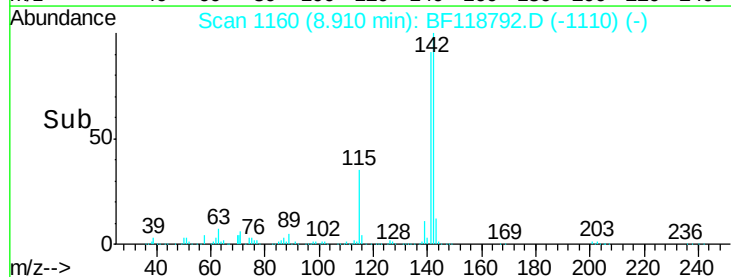
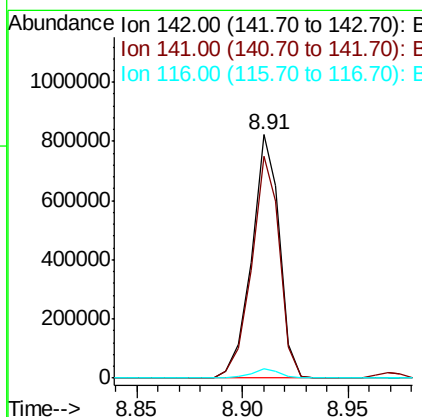
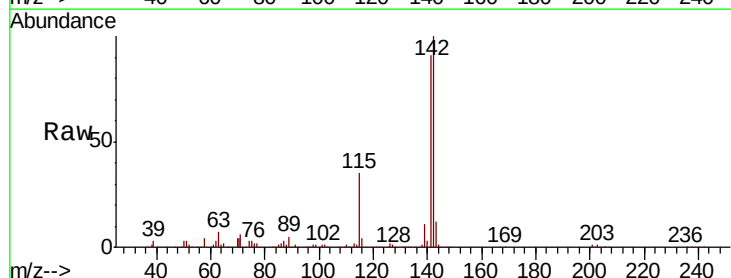
Instrument :
 BNA_F
 ClientSampleId :

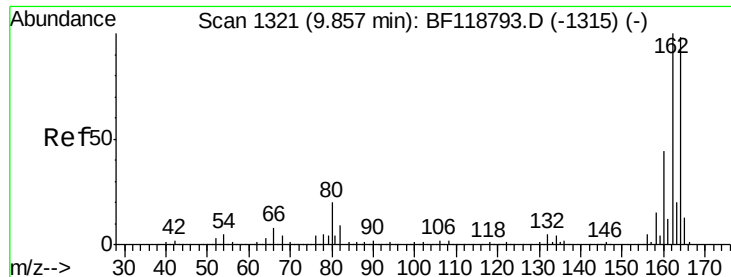
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.1	105.1
115	33.8	27.3	40.9



#38
 1-Methylnaphthalene
 Concen: 22.281 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.8	110.6
116	3.8	3.0	4.4

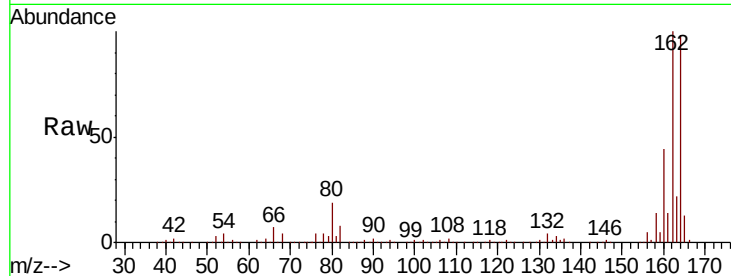




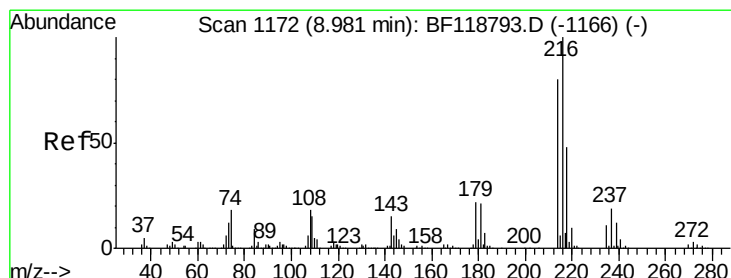
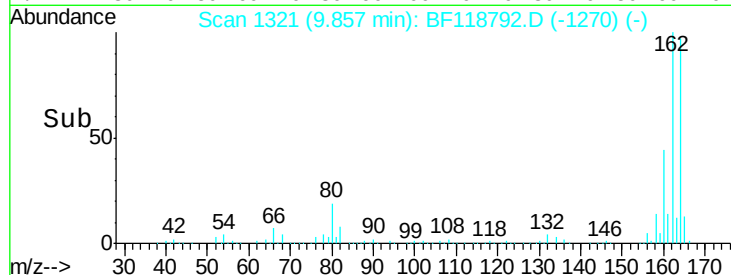
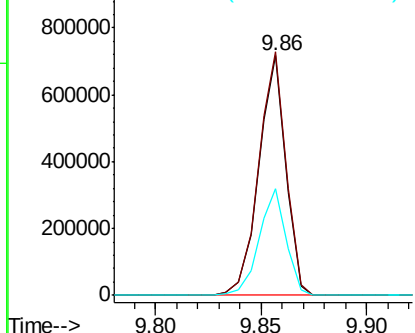
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 637911
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.2
160 44.7 35.6 53.4

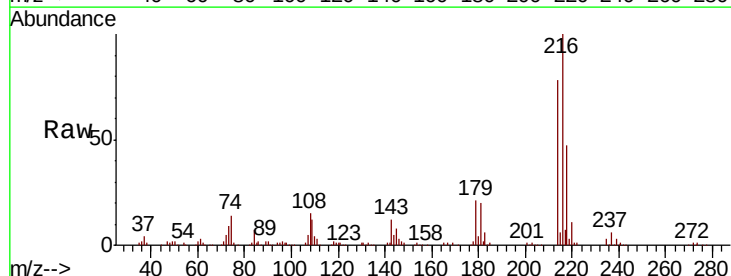


Abundance Ion 164.00 (163.70 to 164.70): E
1000000 Ion 162.00 (161.70 to 162.70): E
800000 Ion 160.00 (159.70 to 160.70): E

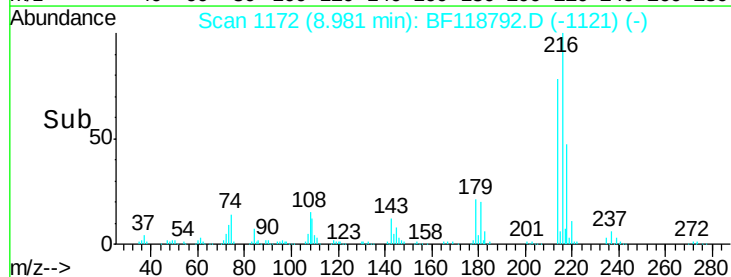
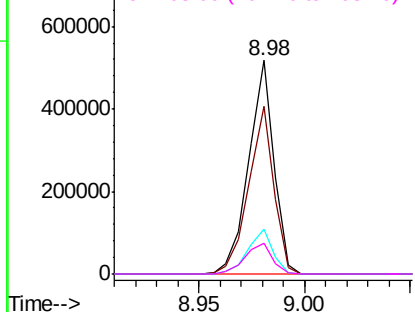


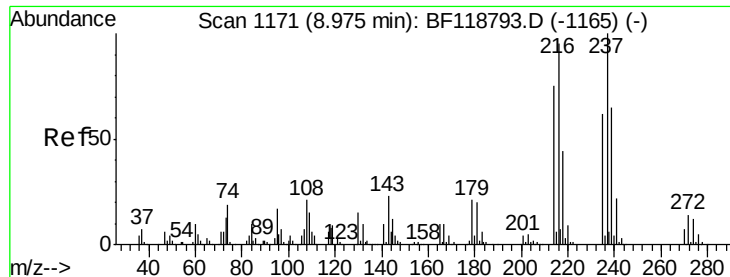
#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.613 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion:216 Resp: 431383
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.4
179 20.8 17.0 25.6
108 15.8 13.5 20.3



Abundance Ion 216.00 (215.70 to 216.70): E
800000 Ion 214.00 (213.70 to 214.70): E
600000 Ion 179.00 (178.70 to 179.70): E
400000 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 14.138 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

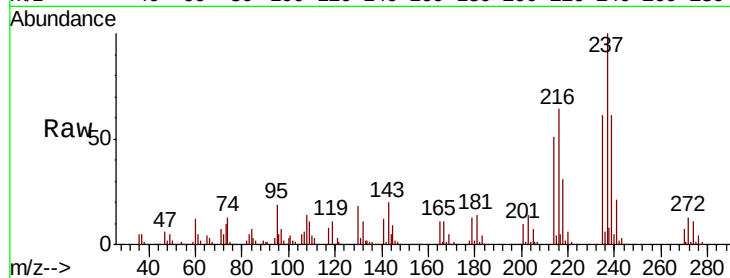
Tot Ion:237 Resp: 142378

Ion Ratio Lower Upper

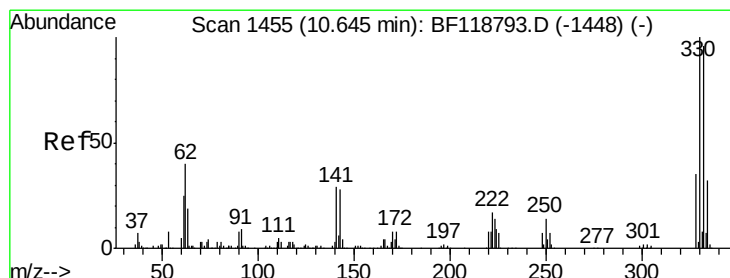
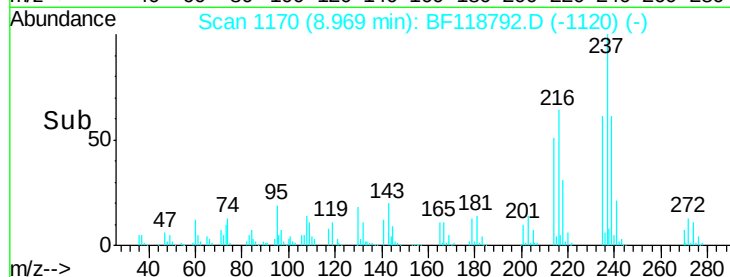
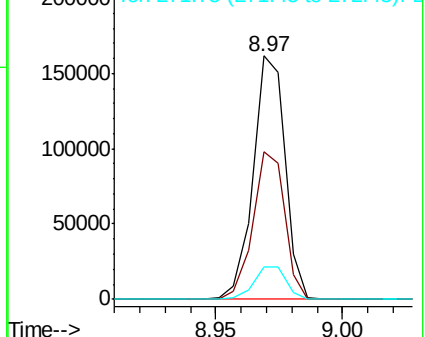
237 100

235 60.7 42.1 82.1

272 13.5 0.0 34.4



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: 45.372 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

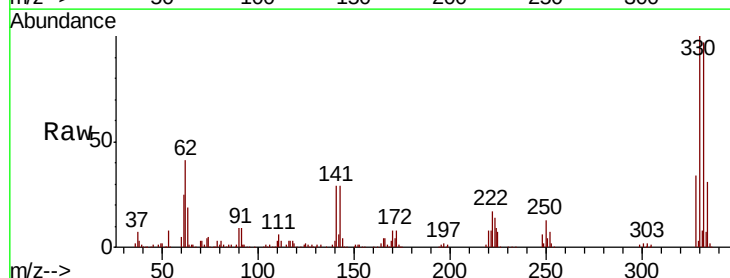
Tgt Ion:330 Resp: 334764

Ion Ratio Lower Upper

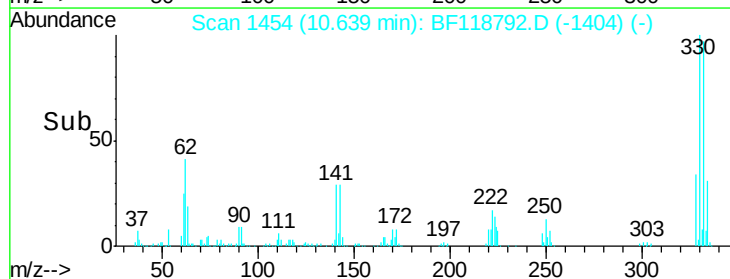
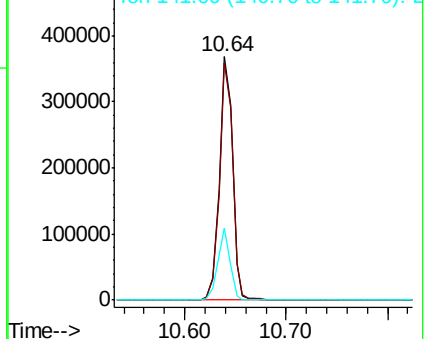
330 100

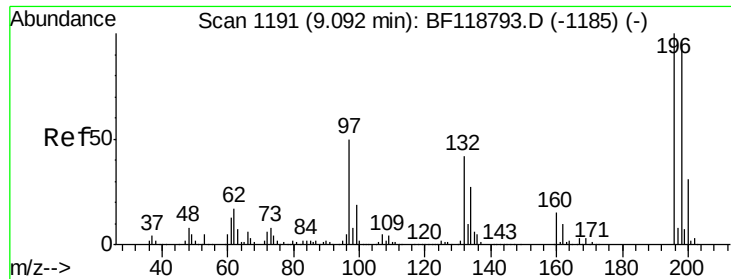
332 97.7 77.3 115.9

141 27.8 22.4 33.6



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

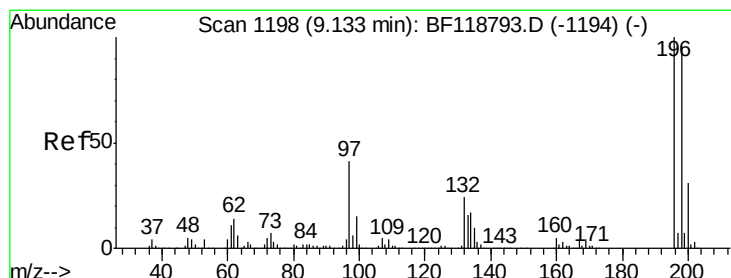
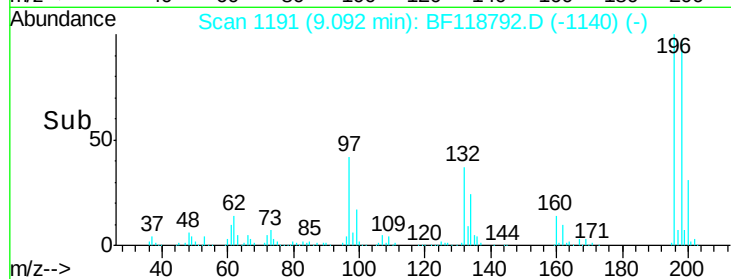
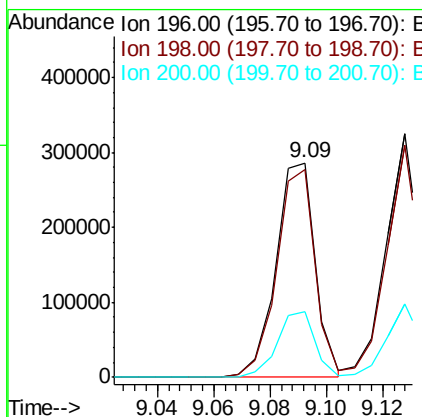
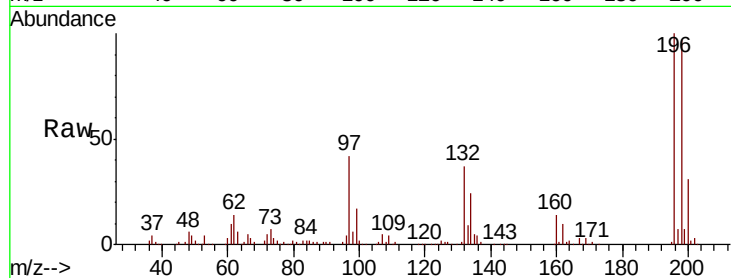




#43
 2,4,6-Trichlorophenol
 Concen: 20.836 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

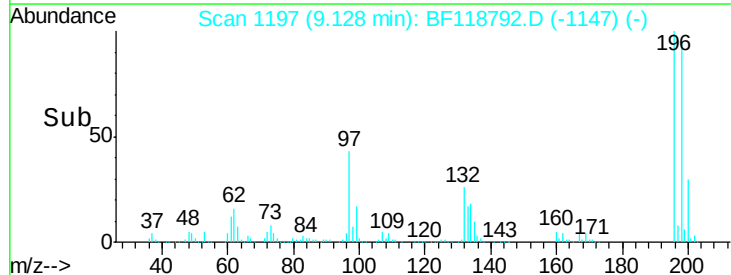
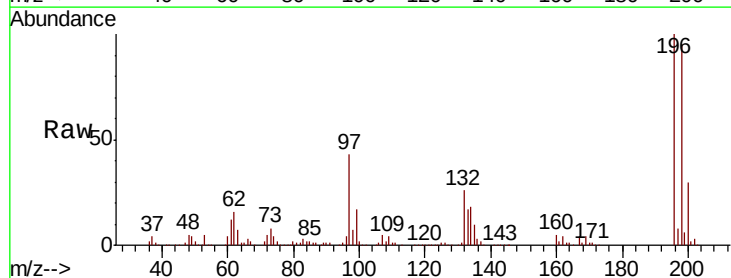
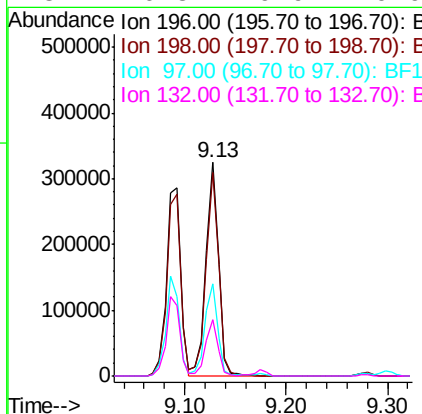
Instrument :
 BNA_F
 ClientSampleId :

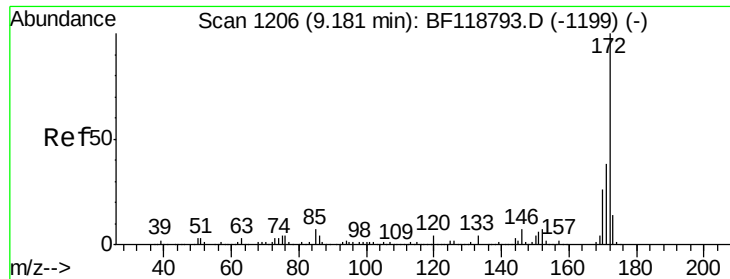
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.7	115.1
200	30.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 20.757 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.0	115.4
97	43.4	32.9	49.3
132	26.3	19.9	29.9

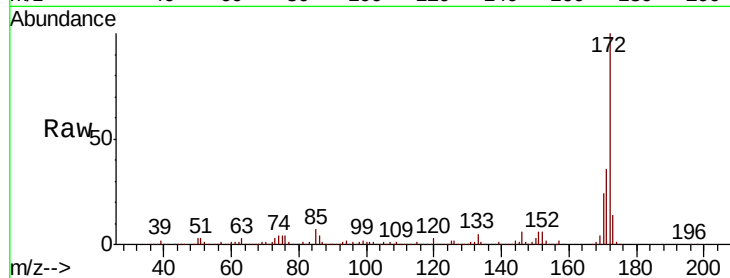




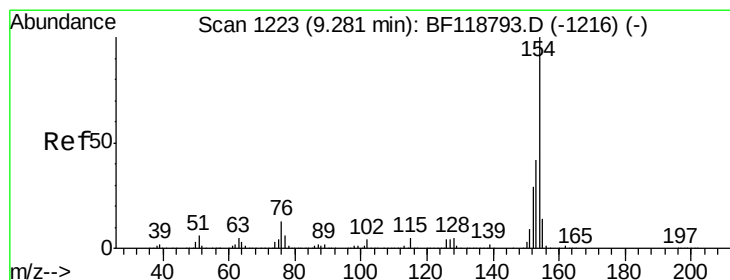
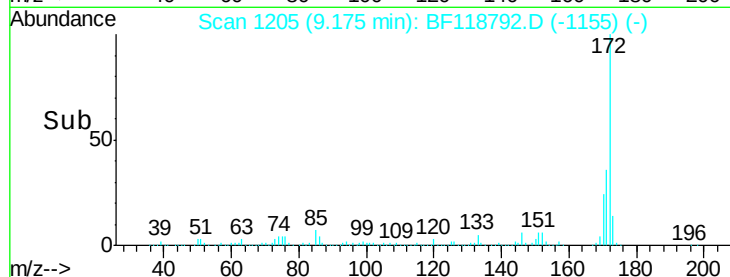
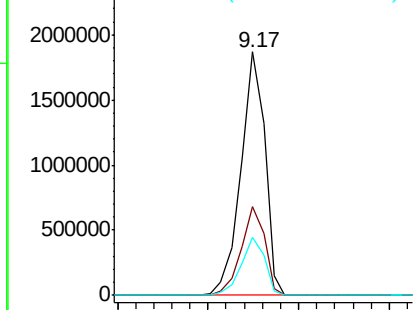
#45
2-Fluorobiphenyl
Concen: 44.447 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1725046
Ion Ratio Lower Upper
172 100
171 36.3 30.8 46.2
170 23.9 20.5 30.7

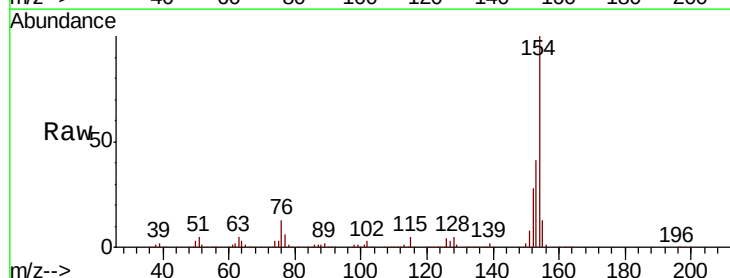


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

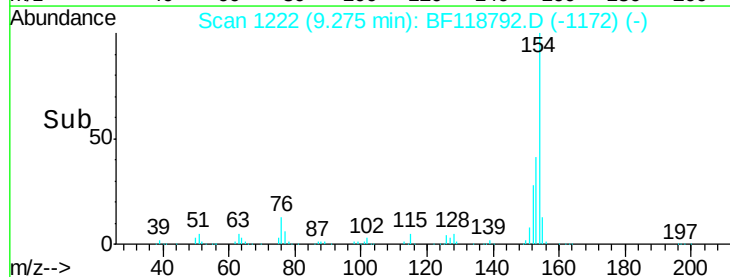
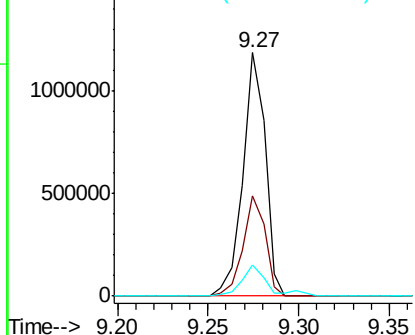


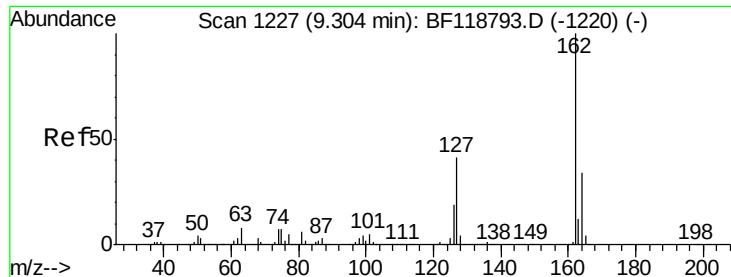
#46
1,1'-Biphenyl
Concen: 23.056 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion:154 Resp: 1013672
Ion Ratio Lower Upper
154 100
153 41.0 22.4 62.4
76 13.0 0.0 32.7



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

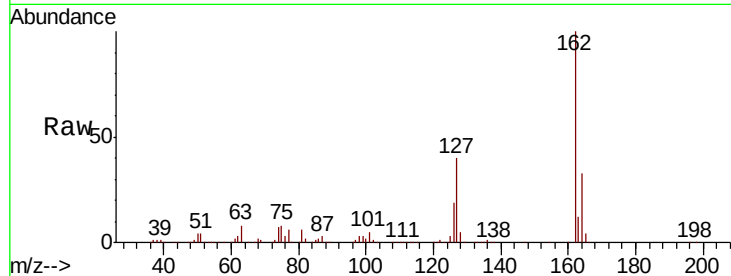




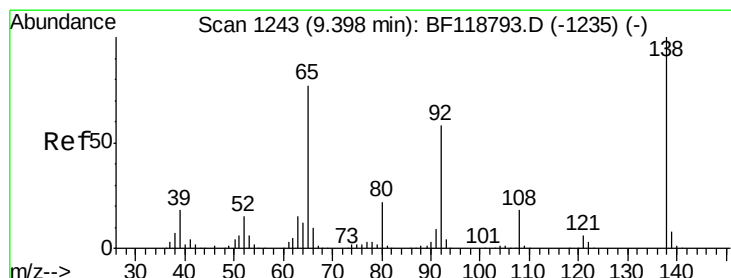
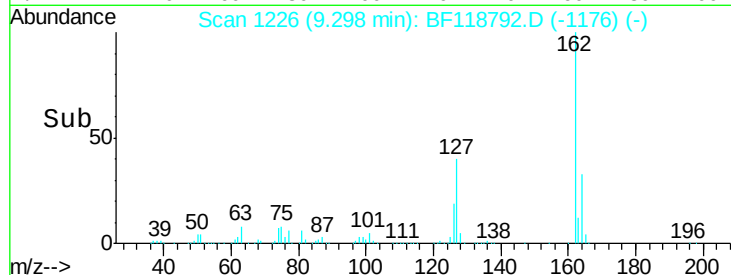
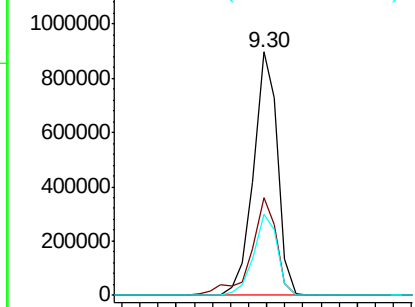
#47
 2-Chloronaphthalene
 Concen: 22.236 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	33.3	49.9
164	33.1	27.1	40.7

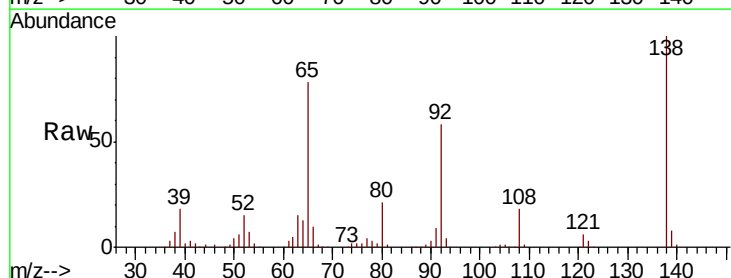


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

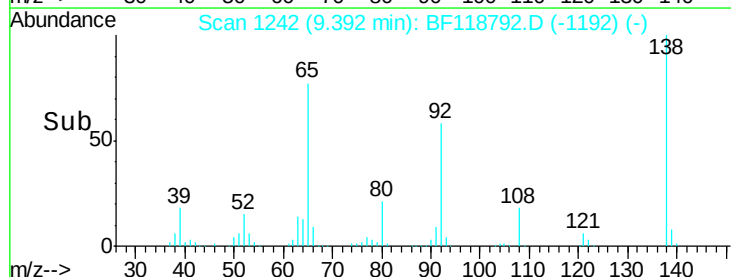
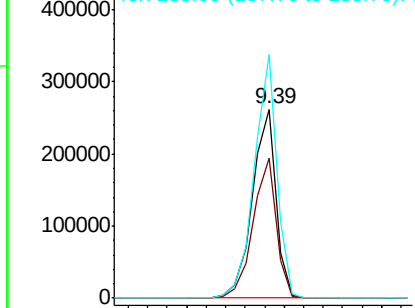


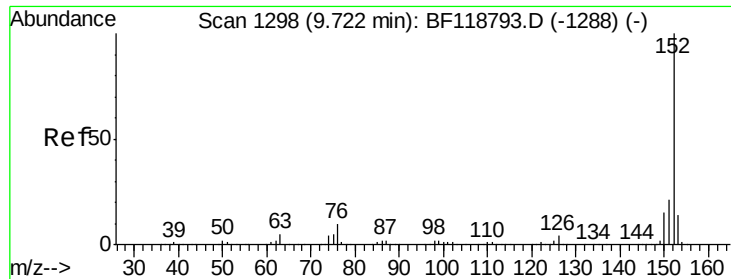
#48
 2-Nitroaniline
 Concen: 19.396 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	60.6	91.0
138	129.0	104.6	156.8



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: 22.957 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

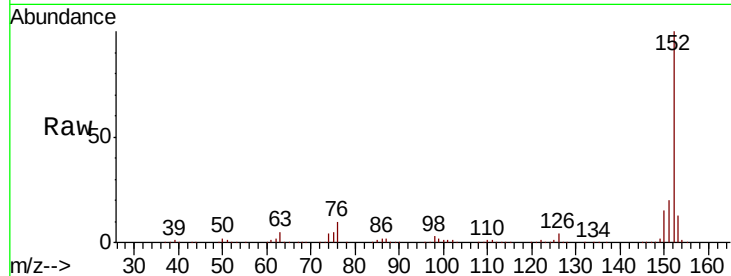
Tot Ion:152 Resp: 1196782

Ion Ratio Lower Upper

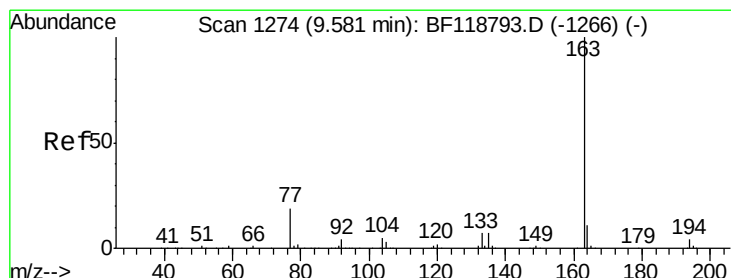
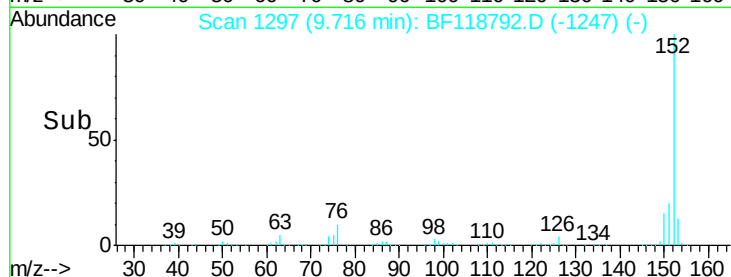
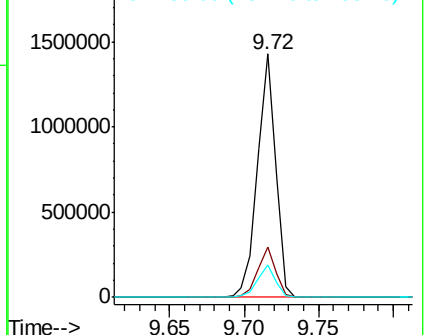
152 100

151 20.5 17.1 25.7

153 13.4 11.0 16.4



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: 22.921 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

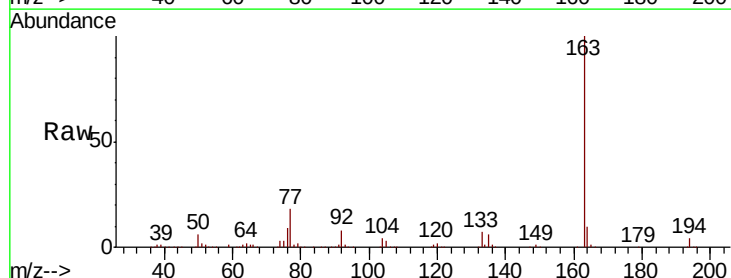
Tgt Ion:163 Resp: 952604

Ion Ratio Lower Upper

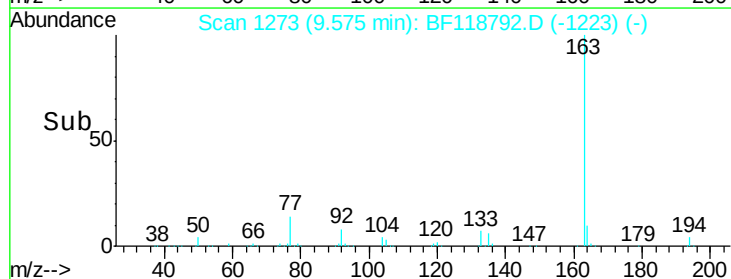
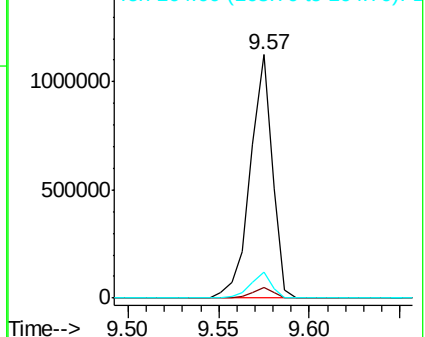
163 100

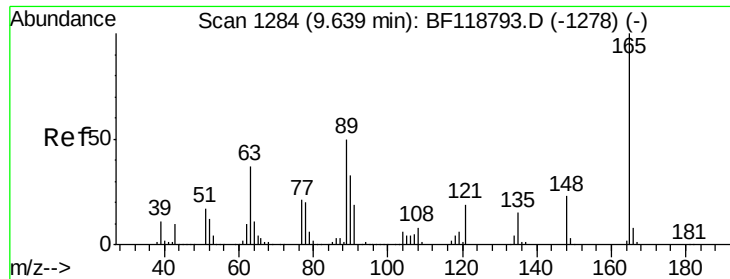
194 4.2 3.6 5.4

164 10.4 8.7 13.1



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

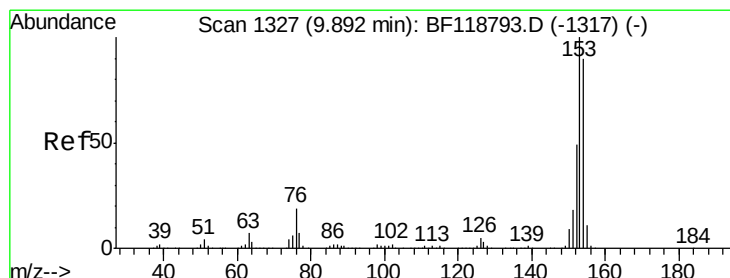
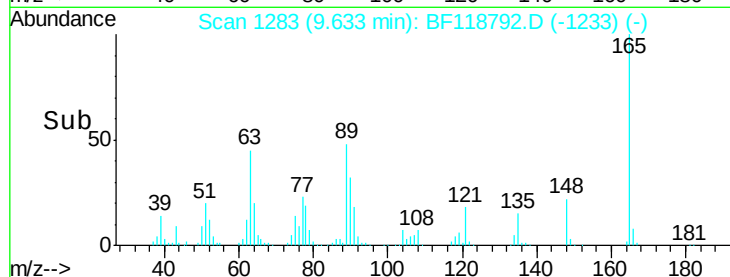
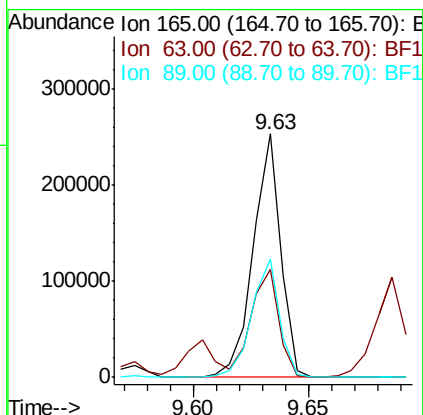
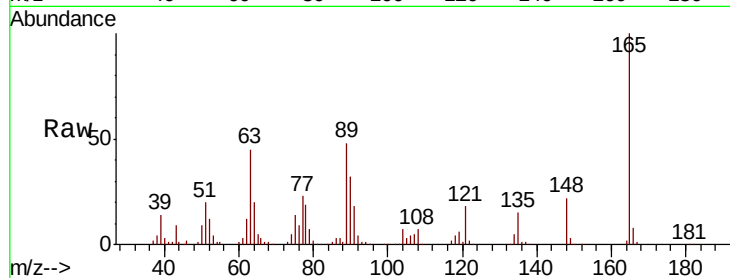




#51
 2,6-Dinitrotoluene
 Concen: 22.673 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

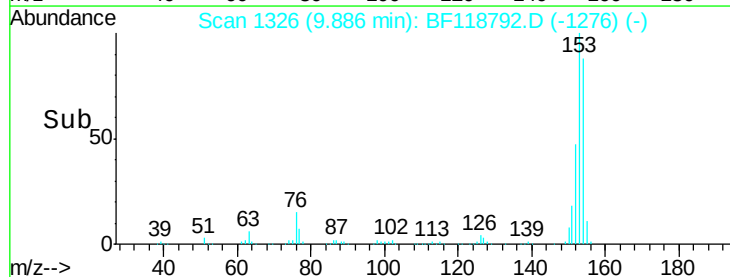
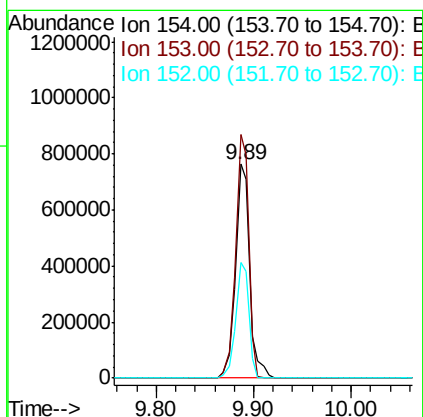
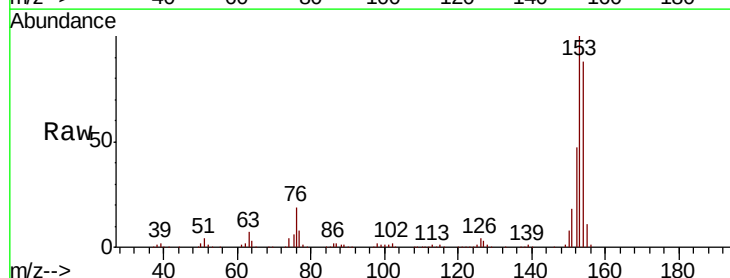
Instrument :
 BNA_F
 ClientSampleId :

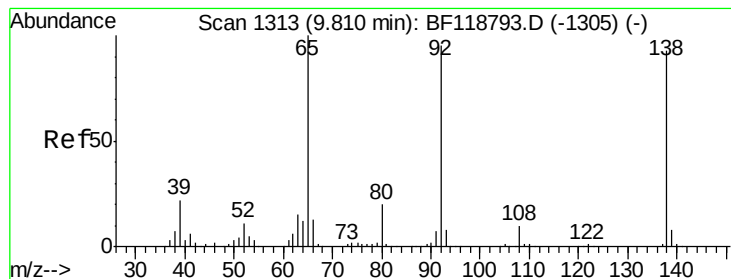
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	37.4	56.0
89	48.3	39.7	59.5



#52
 Acenaphthene
 Concen: 22.034 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.4	134.0
152	54.0	43.6	65.4





#53

3-Nitroaniline

Concen: 21.846 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

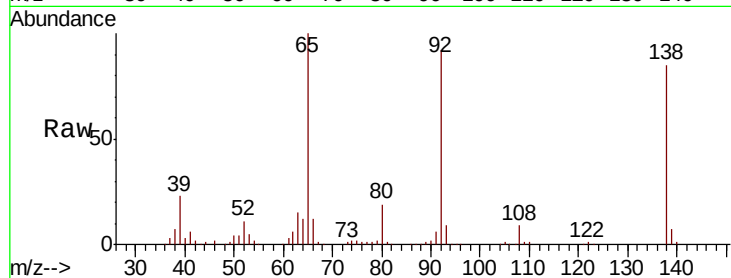
Tot Ion:138 Resp: 232154

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

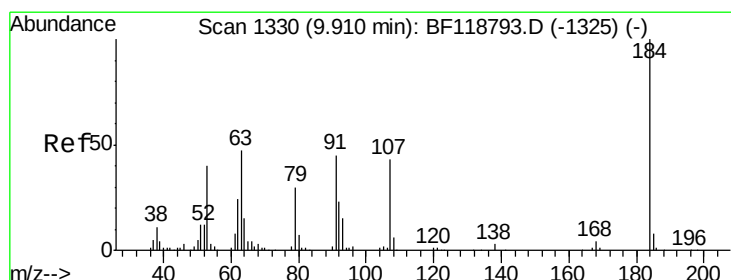
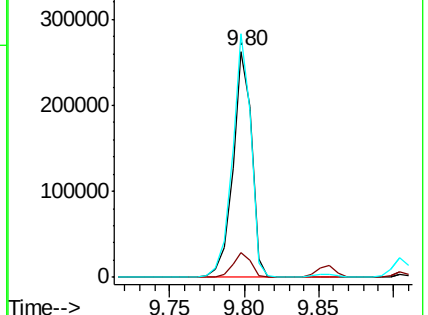
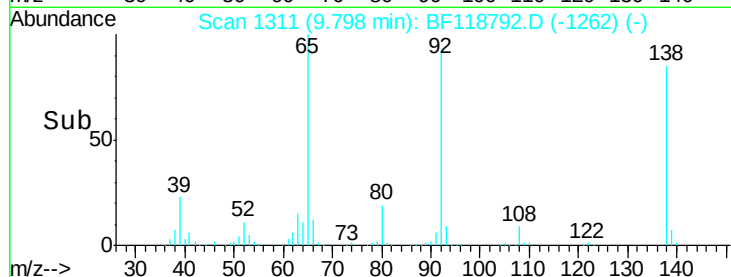
92 107.8 82.2 123.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 23.954 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

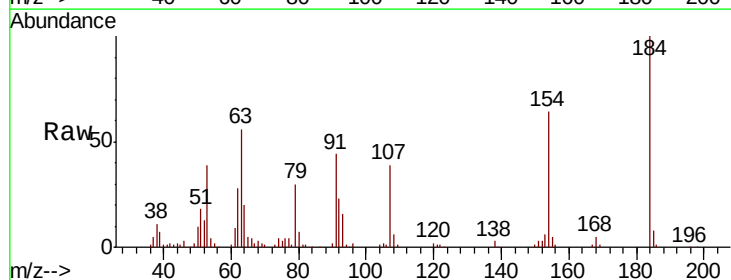
Tgt Ion:184 Resp: 88999

Ion Ratio Lower Upper

184 100

63 56.4 47.5 71.3

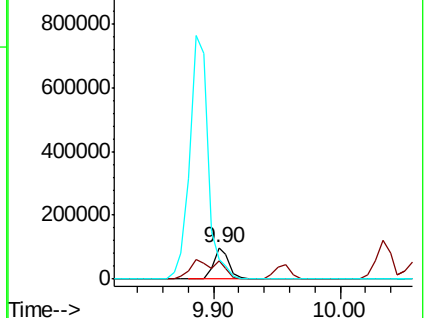
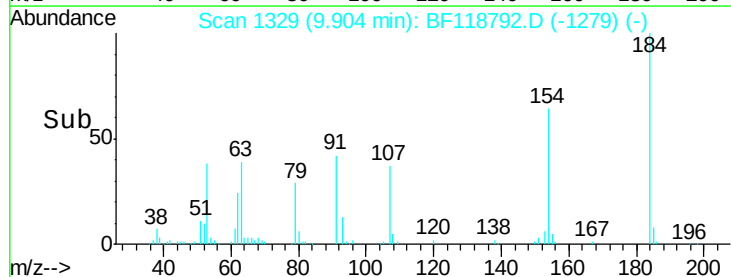
154 63.6 48.6 72.8

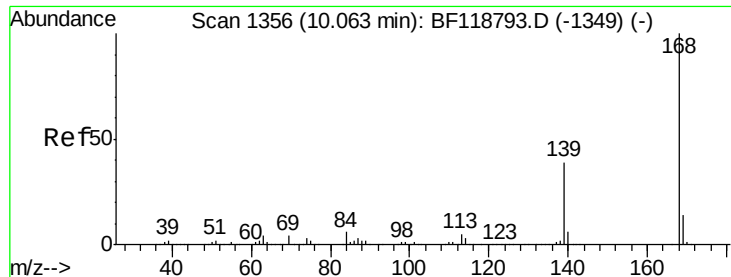


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

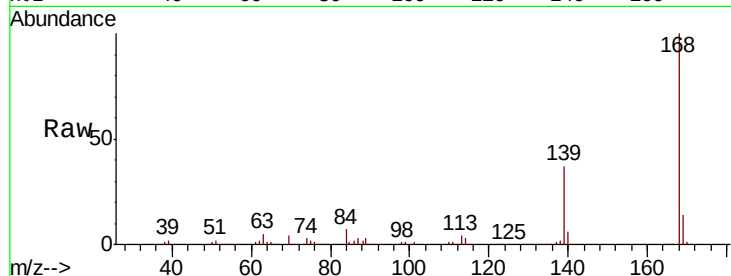




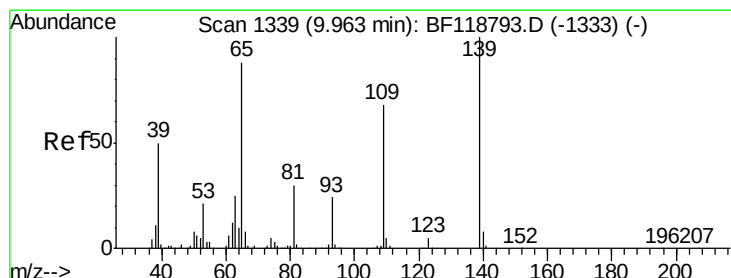
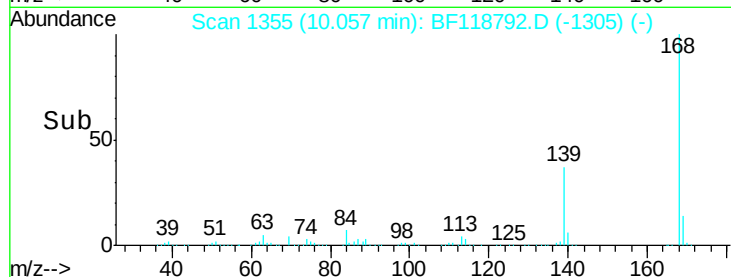
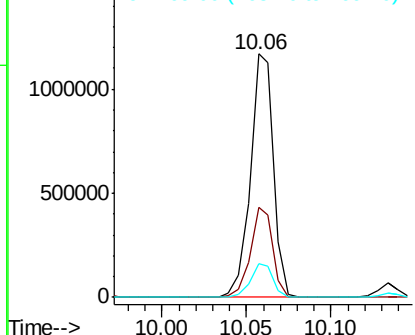
#55
Dibenzofuran
Concen: 23.067 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1114306
Ion Ratio Lower Upper
168 100
139 37.2 31.6 47.4
169 13.8 11.4 17.2

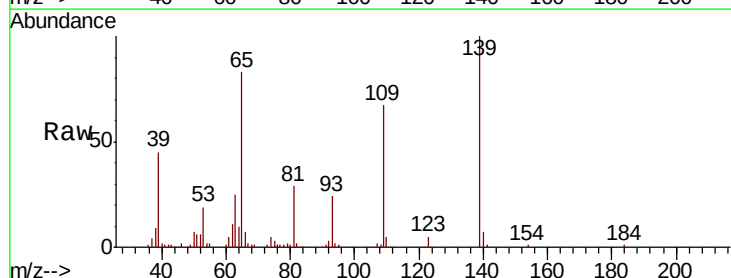


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

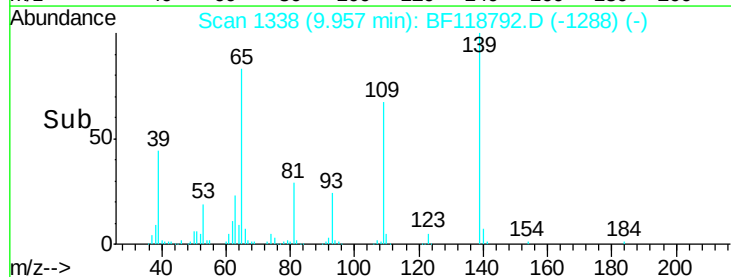
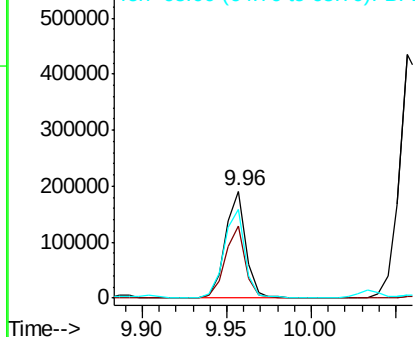


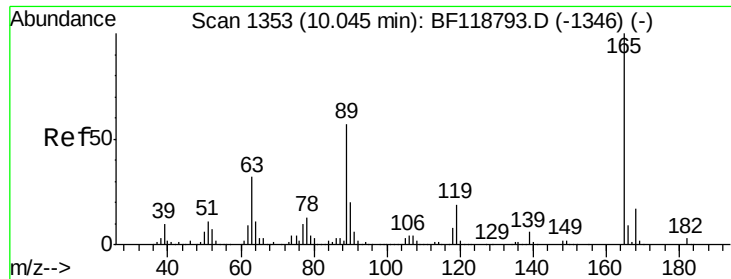
#56
4-Nitrophenol
Concen: 20.191 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion:139 Resp: 161977
Ion Ratio Lower Upper
139 100
109 67.4 48.0 88.0
65 82.7 68.3 108.3



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

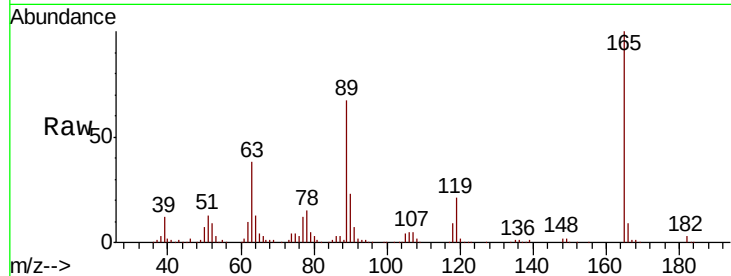




#57
2,4-Dinitrotoluene
Concen: 23.774 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.0	25.5	38.3
89	66.8	45.4	68.0
182	3.0	2.4	3.6



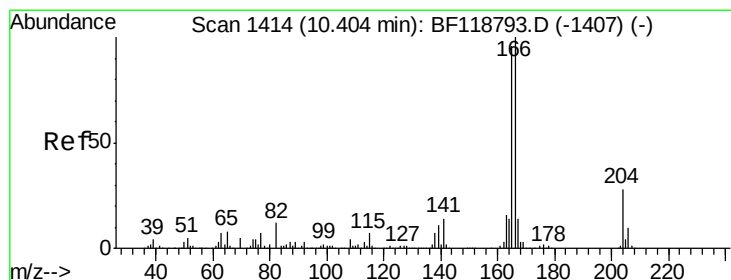
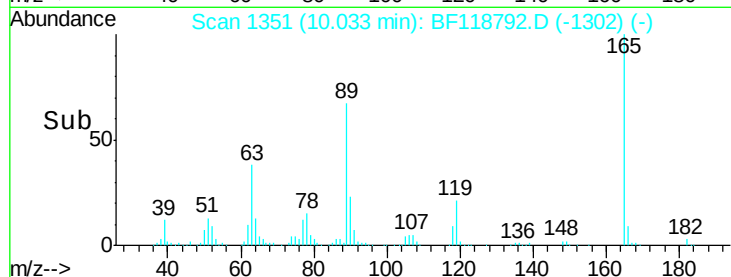
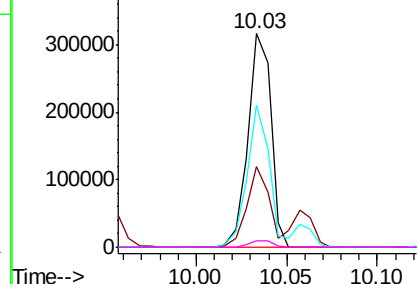
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

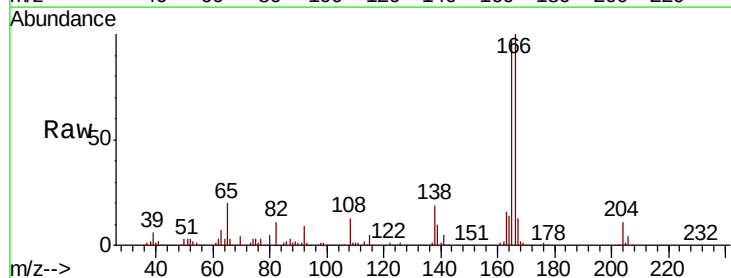
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 22.426 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.0	115.6
167	13.4	11.1	16.7

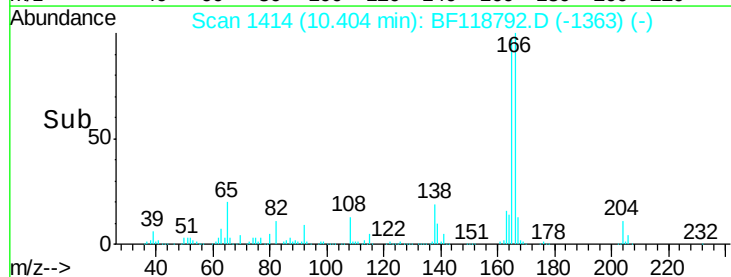
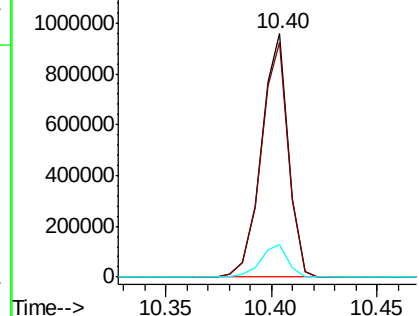


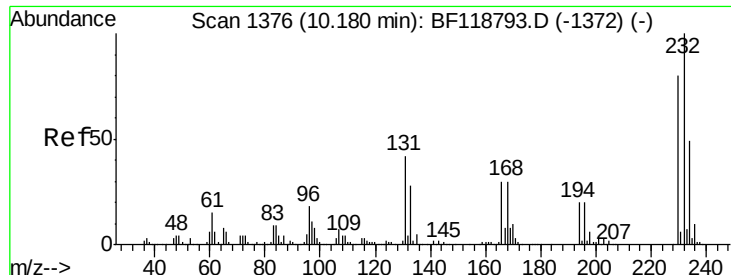
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

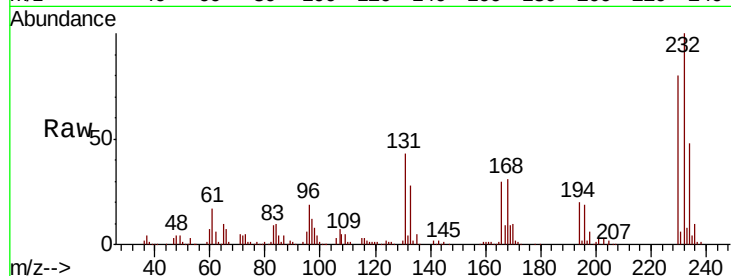




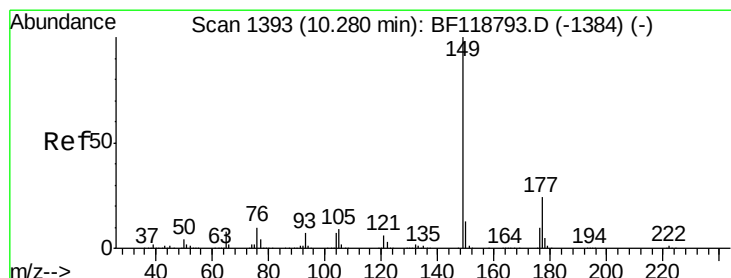
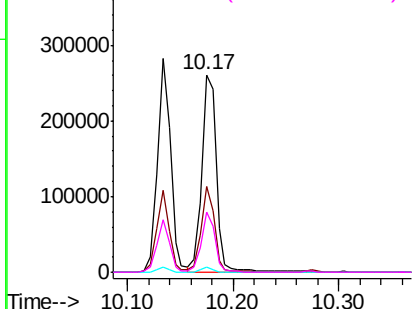
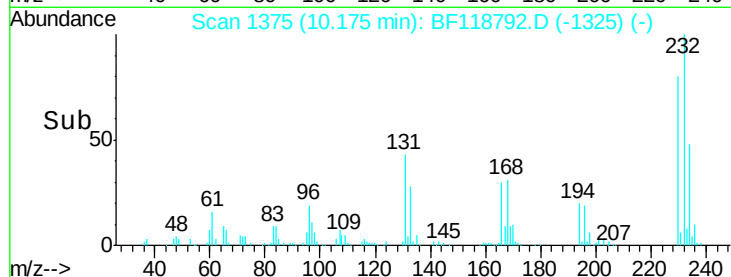
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.869 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	248296
Ion	Ratio	Lower	Upper
232	100		
131	38.8	31.8	47.6
130	2.0	1.6	2.4
166	28.5	23.1	34.7

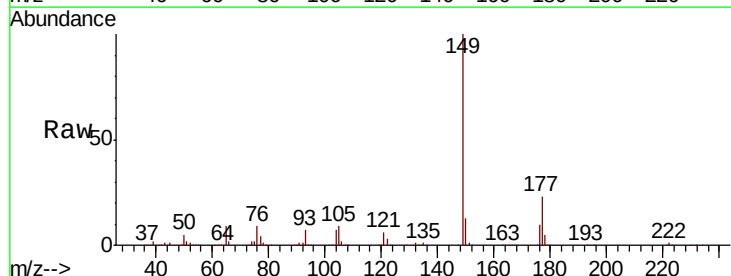


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

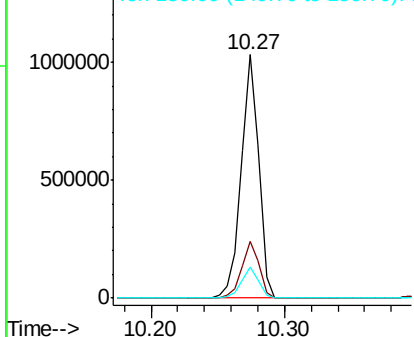
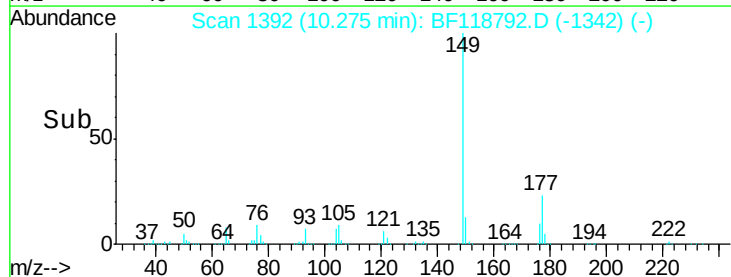


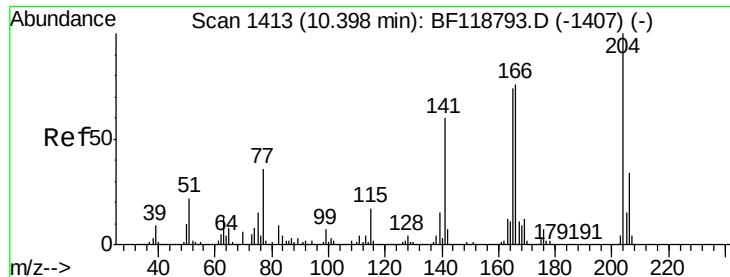
#60
 Diethylphthalate
 Concen: 23.241 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion:	149	Resp:	936506
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.3	28.9
150	12.8	10.4	15.6



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

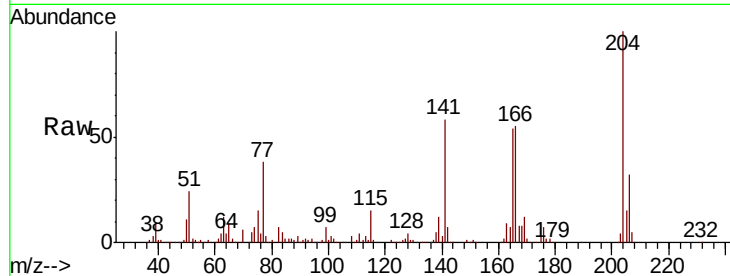




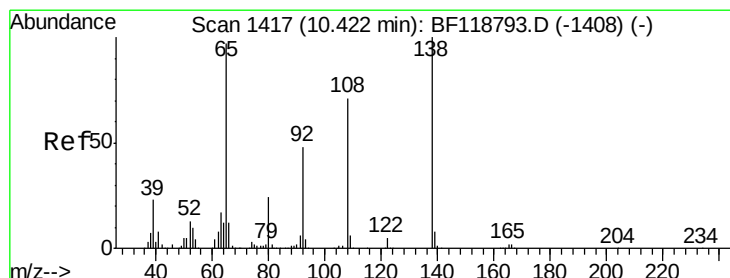
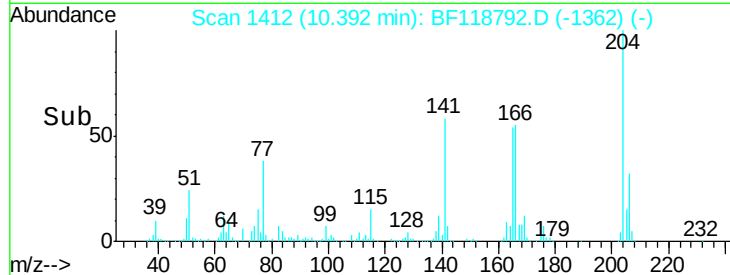
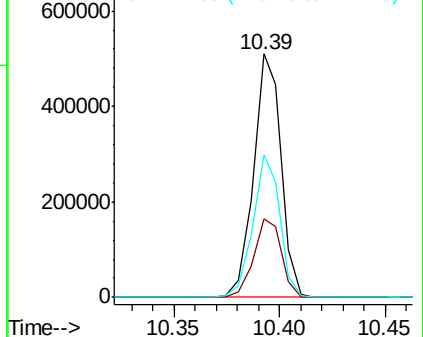
#61
4-Chlorophenyl-phenylether
Concen: 22.335 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 460682
Ion Ratio Lower Upper
204 100
206 32.5 27.4 41.2
141 58.3 47.8 71.6

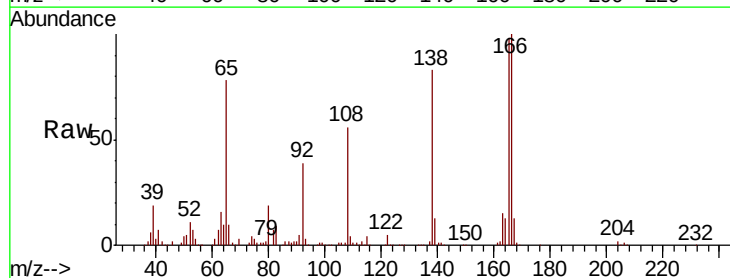


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

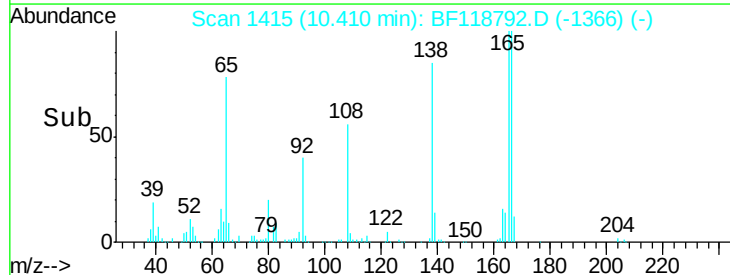
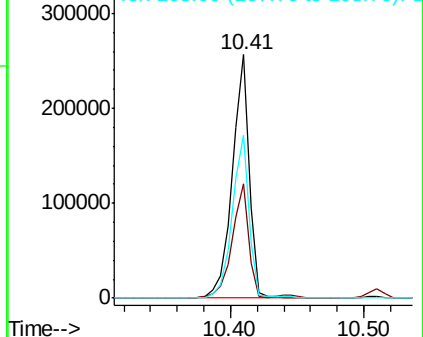


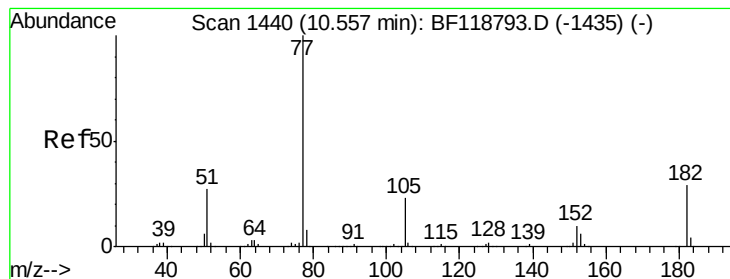
#62
4-Nitroaniline
Concen: 21.078 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion:138 Resp: 229767
Ion Ratio Lower Upper
138 100
92 47.0 27.6 67.6
108 67.0 51.3 91.3



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: 20.692 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 807499

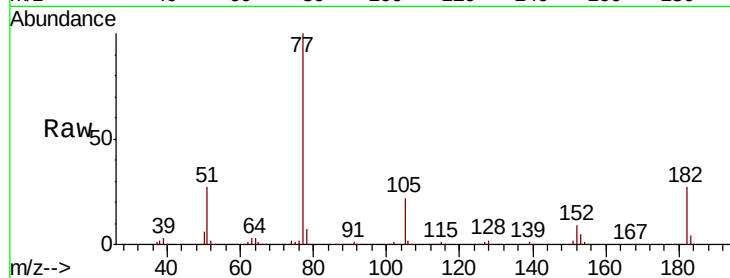
Ion Ratio Lower Upper

77 100

182 27.1 9.2 49.2

105 21.8 3.1 43.1

51 26.8 7.4 47.4

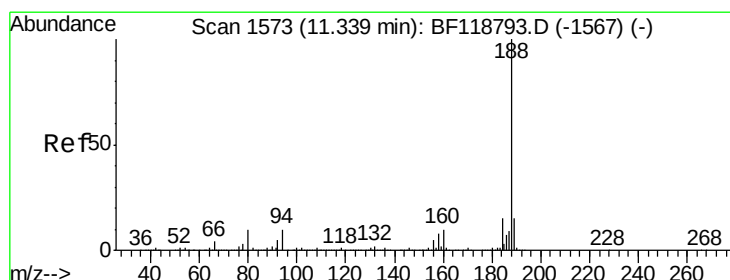
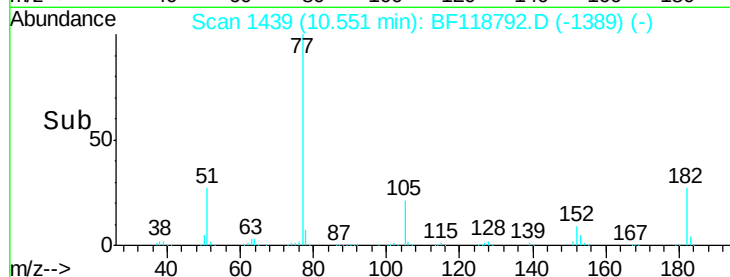
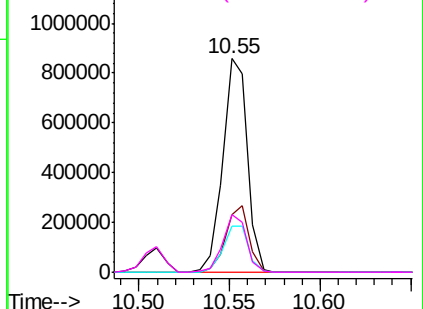


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

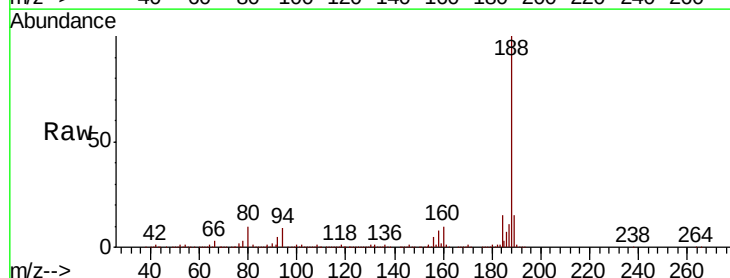
Tgt Ion: 188 Resp: 1193449

Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

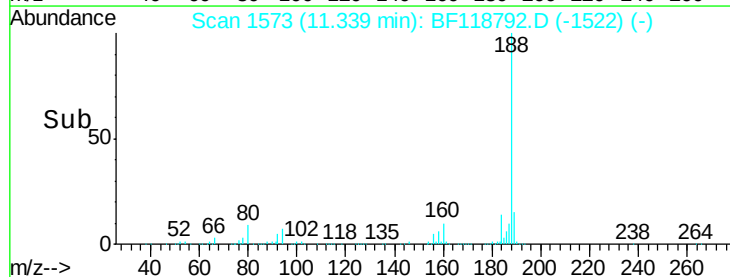
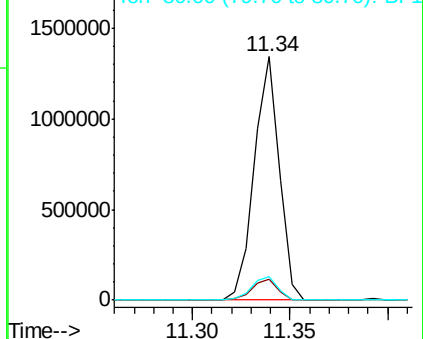
80 9.6 8.4 12.6

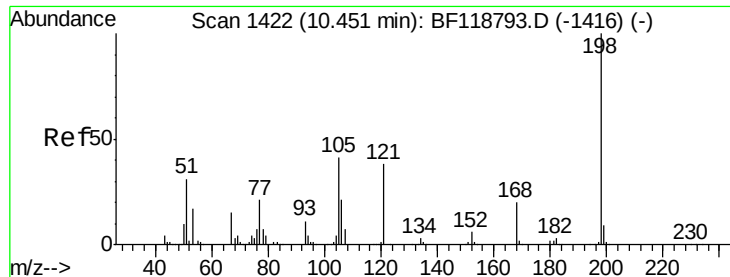


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

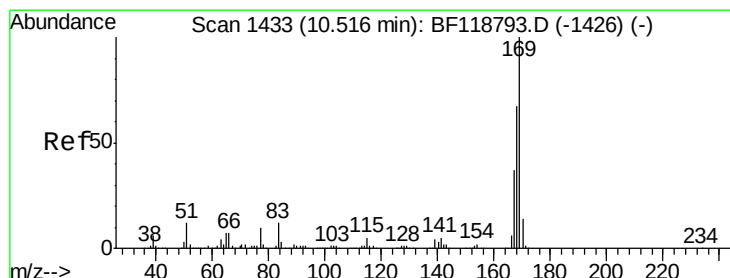
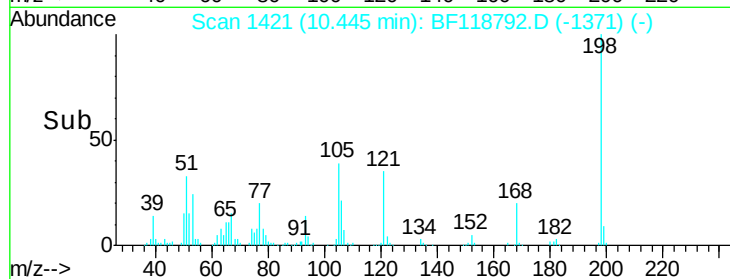
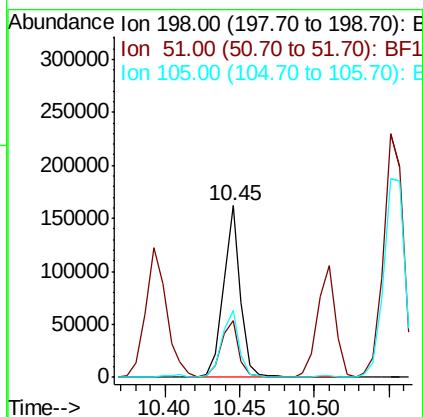
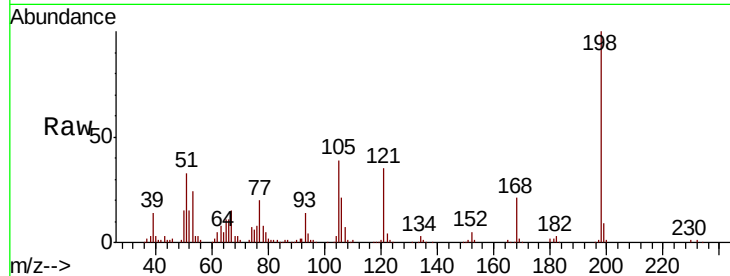




#65
4,6-Dinitro-2-methylphenol
Concen: 24.779 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

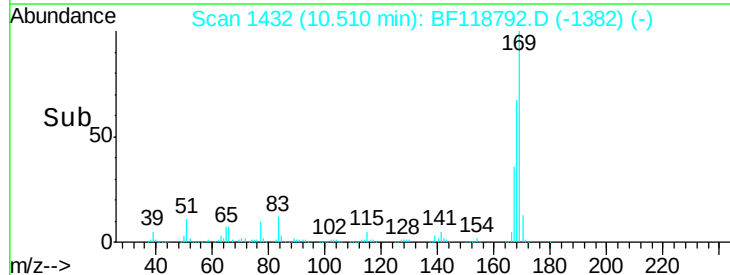
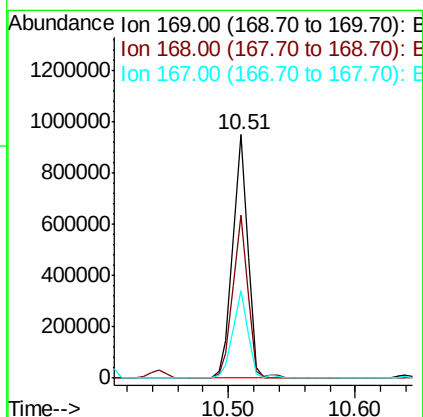
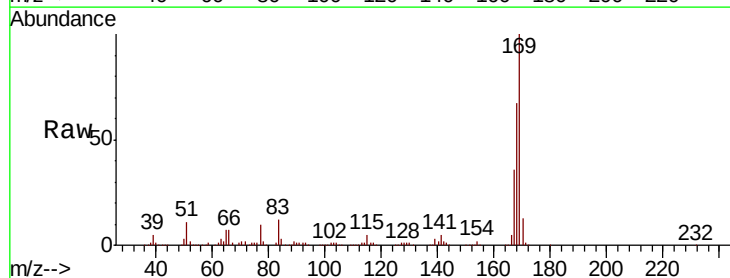
Instrument :
BNA_F
ClientSampleId :

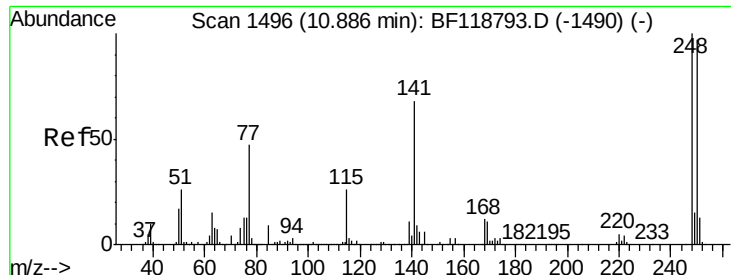
Tot Ion:198 Resp: 130036
Ion Ratio Lower Upper
198 100
51 32.7 16.7 56.7
105 39.3 22.0 62.0



#66
n-Nitrosodiphenylamine
Concen: 21.558 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion:169 Resp: 775916
Ion Ratio Lower Upper
169 100
168 67.0 53.5 80.3
167 35.9 29.3 43.9

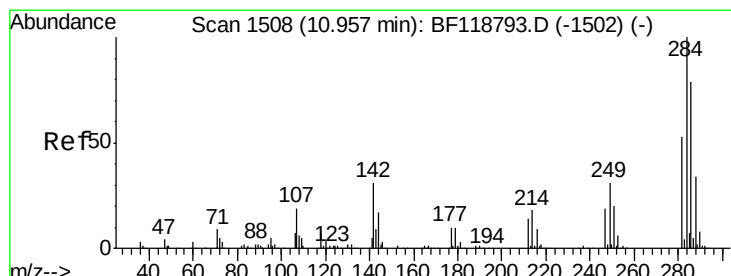
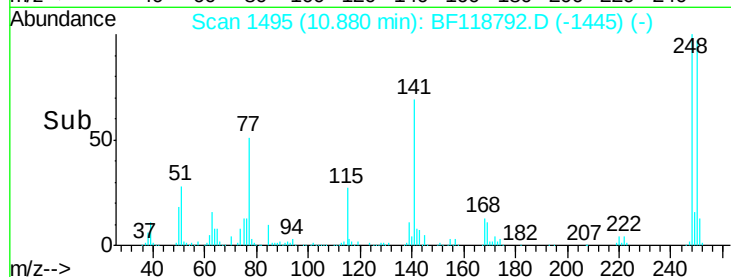
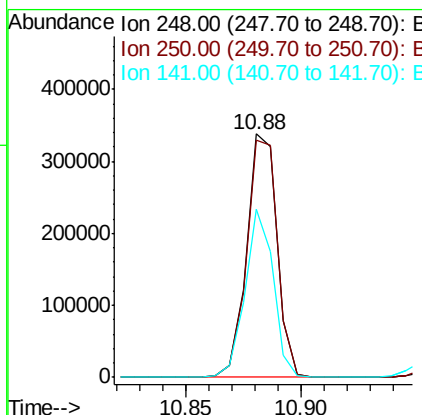
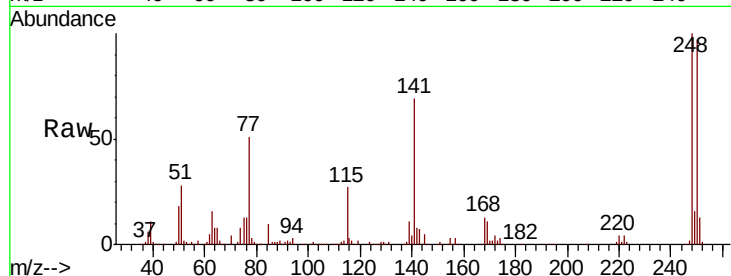




#67
4-Bromophenyl-phenylether
Concen: 21.157 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

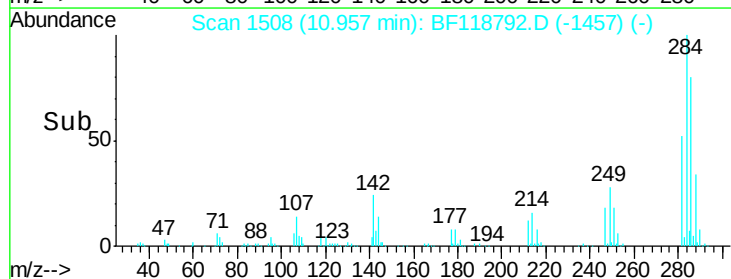
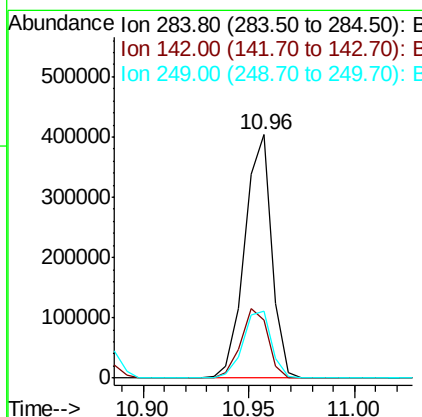
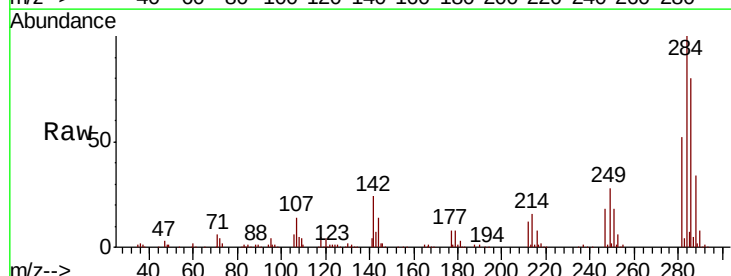
Instrument :
BNA_F
ClientSampled :

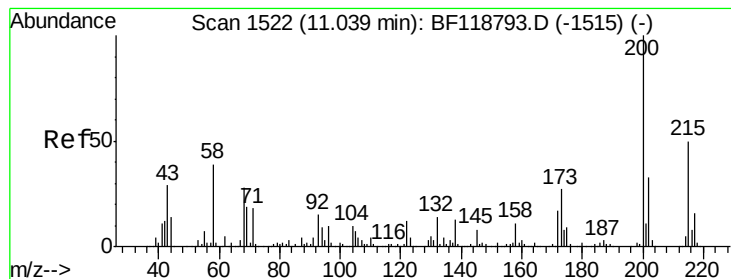
Tot Ion:248 Resp: 311958
Ion Ratio Lower Upper
248 100
250 97.4 77.6 116.4
141 69.2 54.4 81.6



#68
Hexachlorobenzene
Concen: 21.403 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion:284 Resp: 357779
Ion Ratio Lower Upper
284 100
142 23.8 24.5 36.7#
249 27.6 24.7 37.1





#69

Atrazine

Concen: 20.894 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

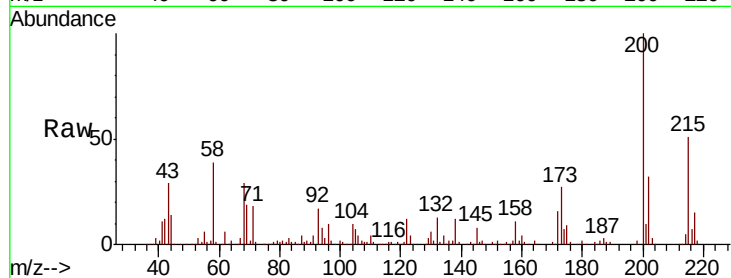
Tot Ion:200 Resp: 260651

Ion Ratio Lower Upper

200 100

173 27.2 7.5 47.5

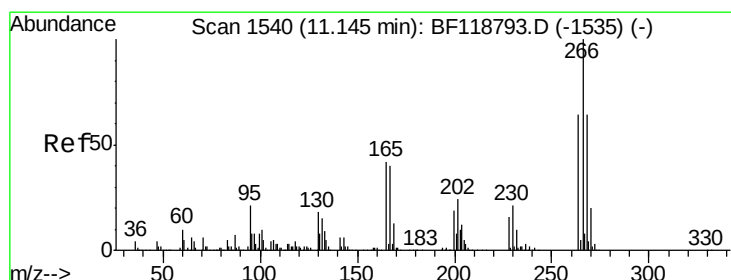
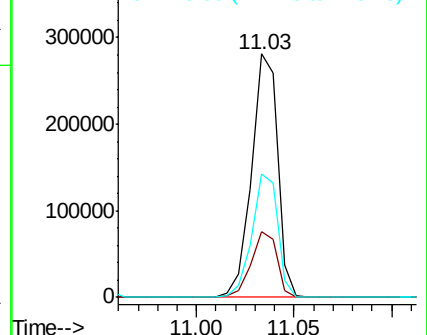
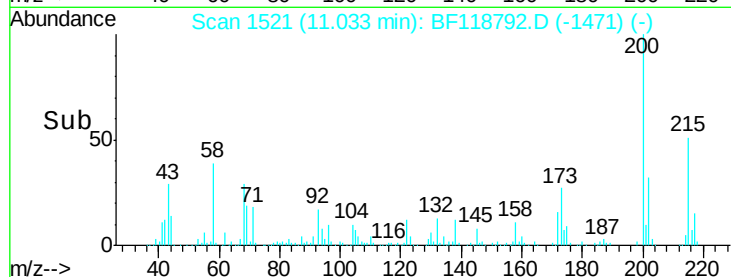
215 50.8 29.9 69.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 19.405 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

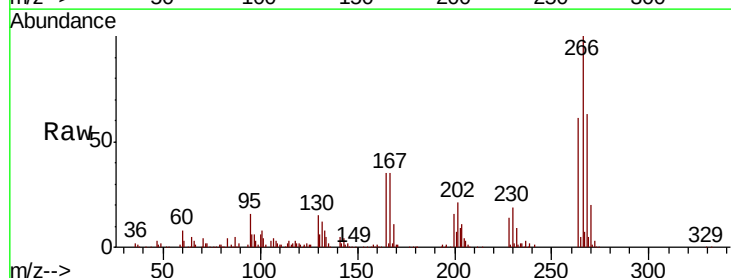
Tgt Ion:266 Resp: 180352

Ion Ratio Lower Upper

266 100

268 63.3 51.0 76.6

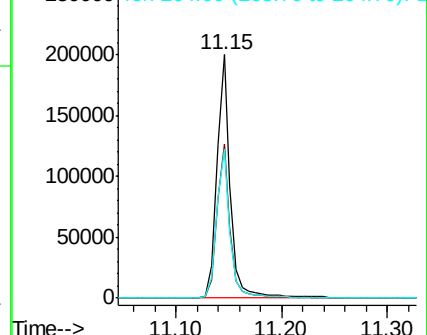
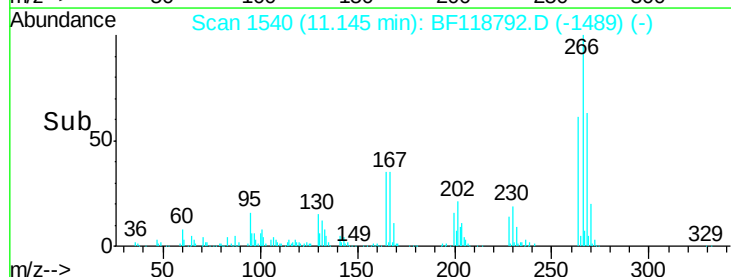
264 61.1 51.4 77.2

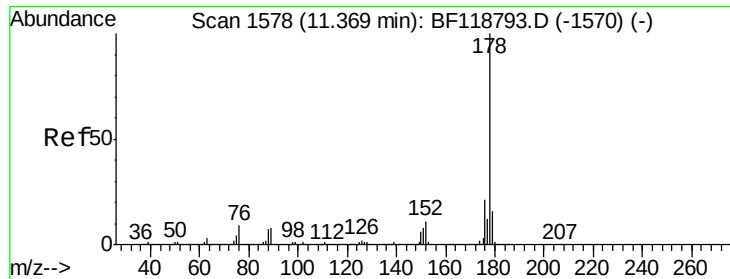


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 23.005 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

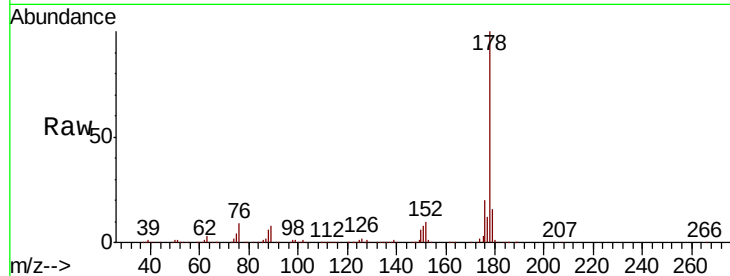
Tot Ion:178 Resp: 1324544

Ion Ratio Lower Upper

178 100

176 19.6 16.6 24.8

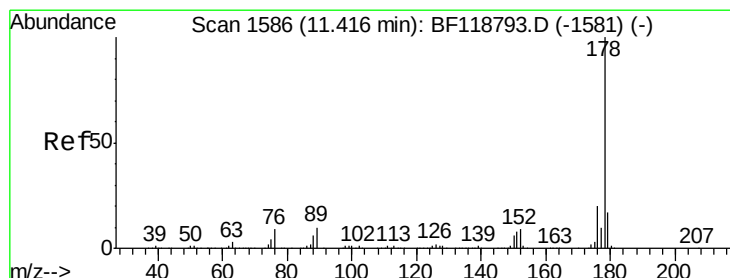
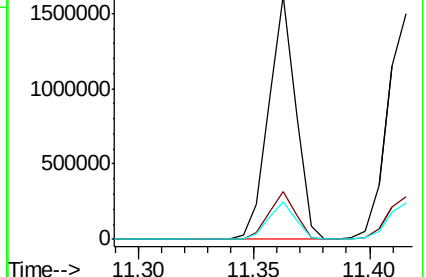
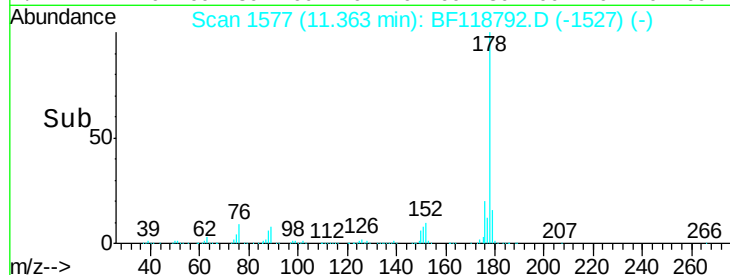
179 15.7 13.2 19.8



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: 22.920 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

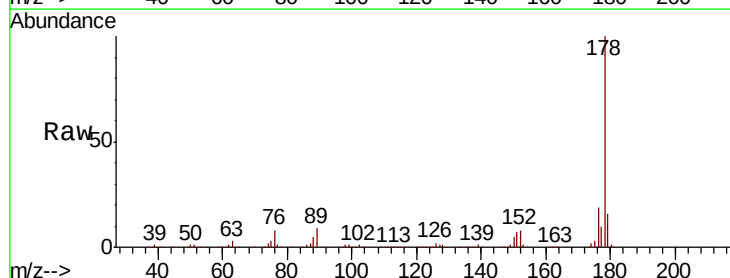
Tgt Ion:178 Resp: 1305806

Ion Ratio Lower Upper

178 100

176 18.8 16.2 24.2

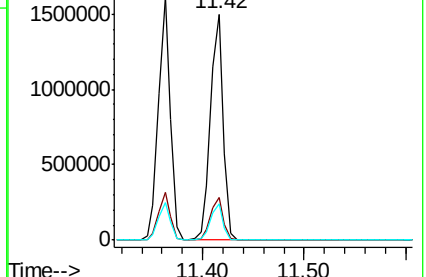
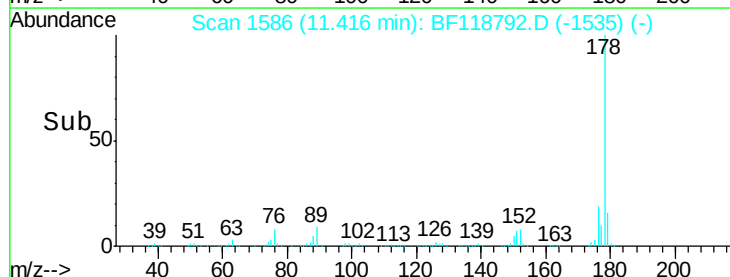
179 16.0 13.4 20.2

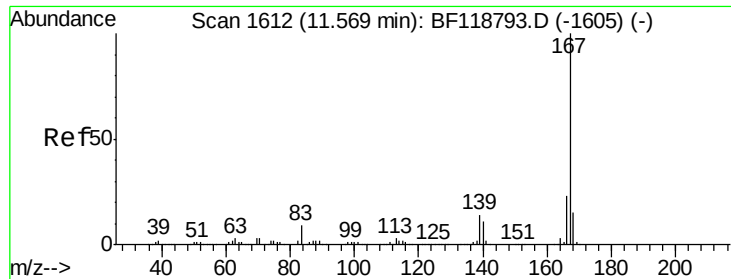


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



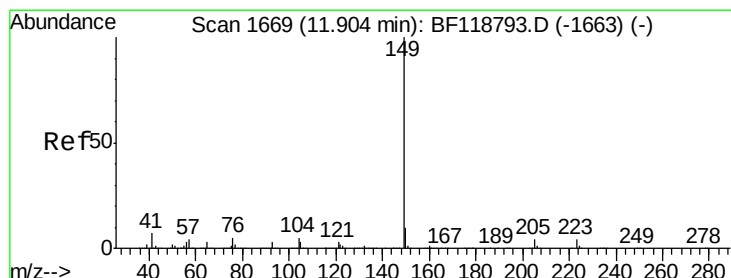
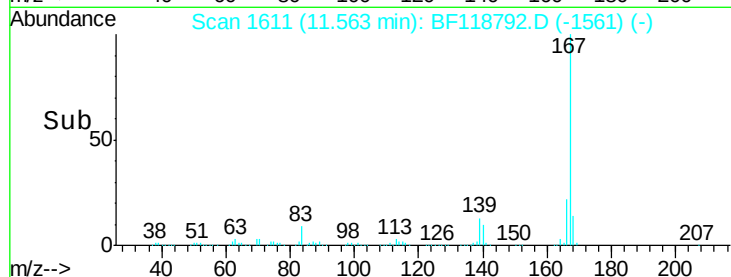
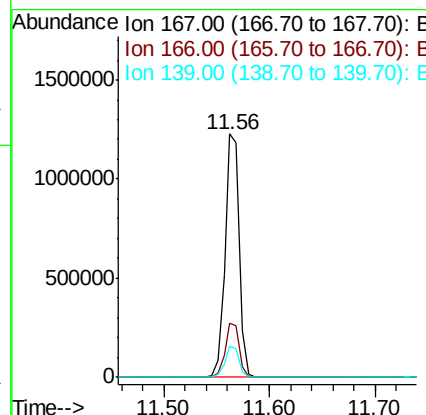
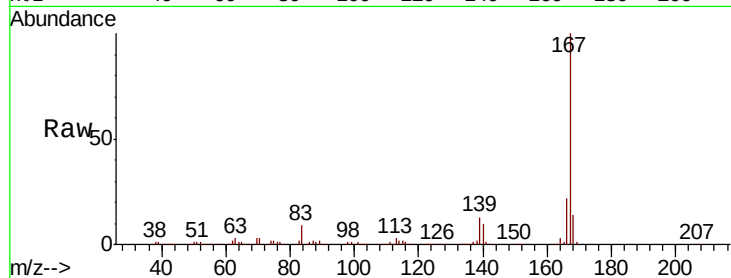


#73
 Carbazole
 Concen: 22.213 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1160808

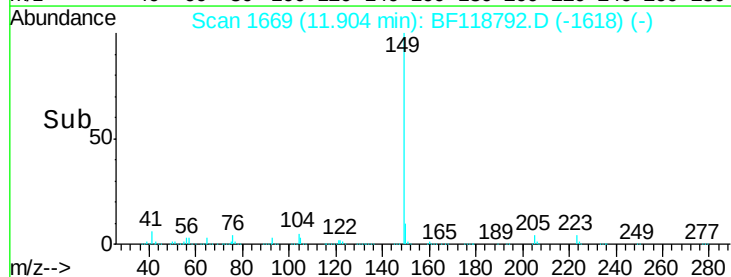
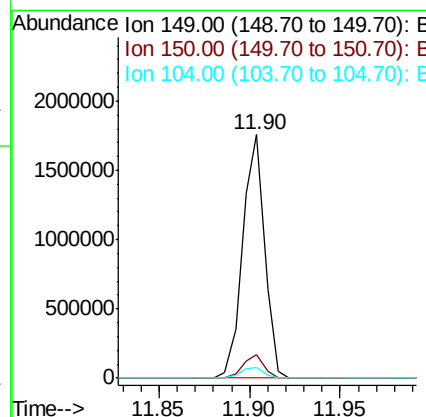
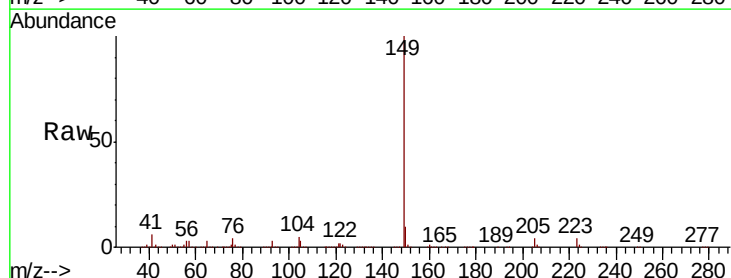
Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.4	27.6
139	13.0	11.1	16.7

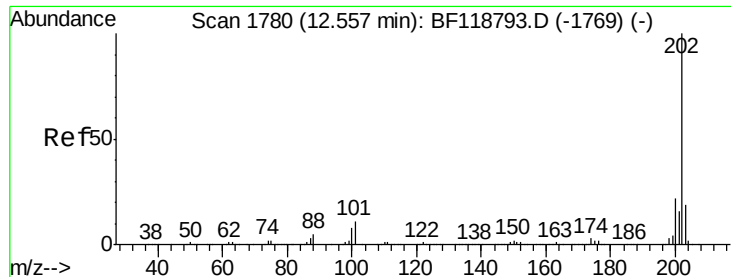


#74
 Di-n-butylphthalate
 Concen: 25.422 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion:149 Resp: 1475988

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	4.5	4.3	6.5





#75

Fluoranthene

Concen: 23.904 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

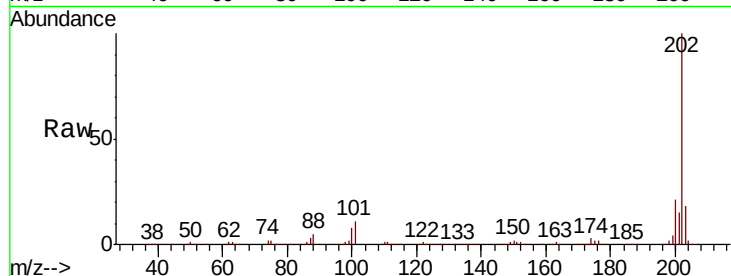
Tot Ion:202 Resp: 1451614

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.0

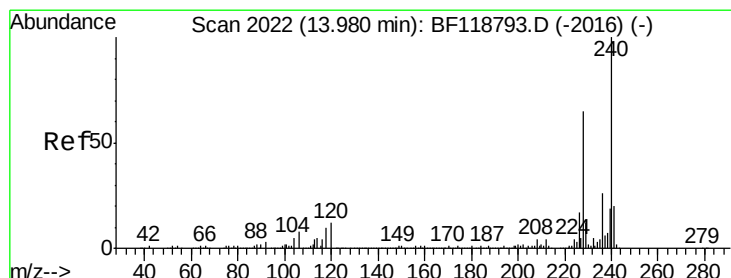
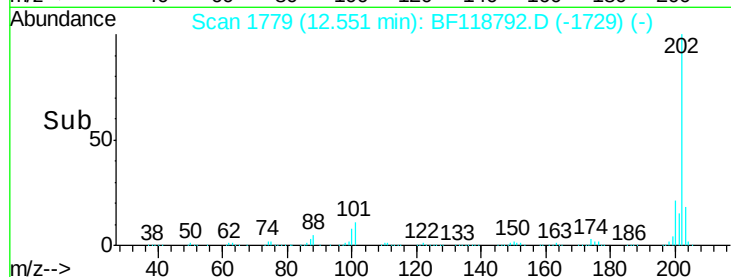
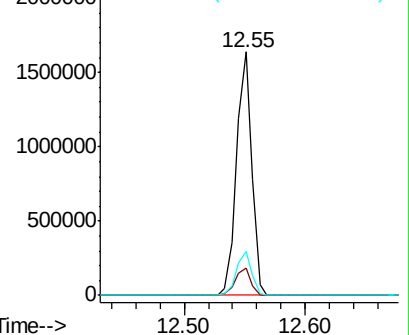
203 18.0 0.0 38.7



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: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

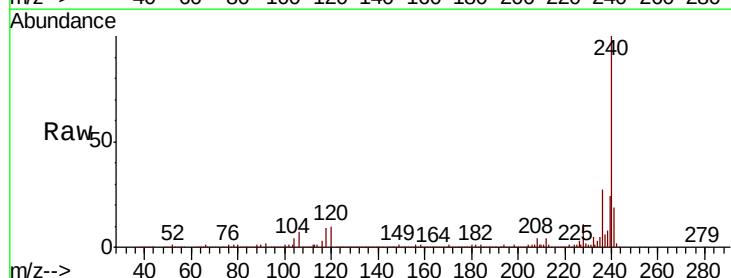
Tgt Ion:240 Resp: 989304

Ion Ratio Lower Upper

240 100

120 9.6 9.4 14.0

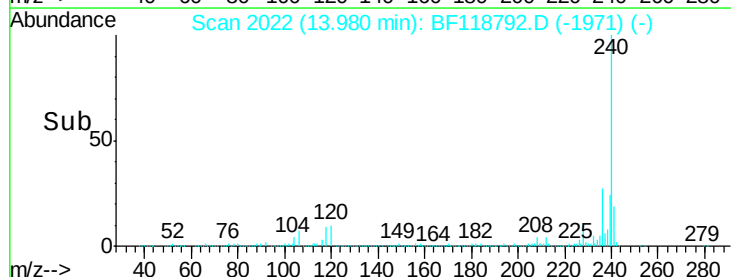
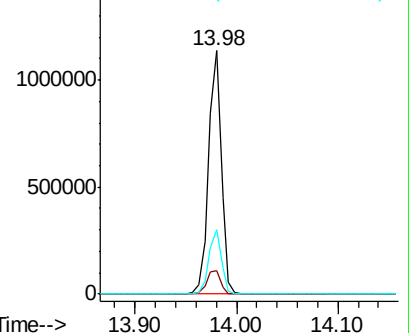
236 26.6 21.0 31.6

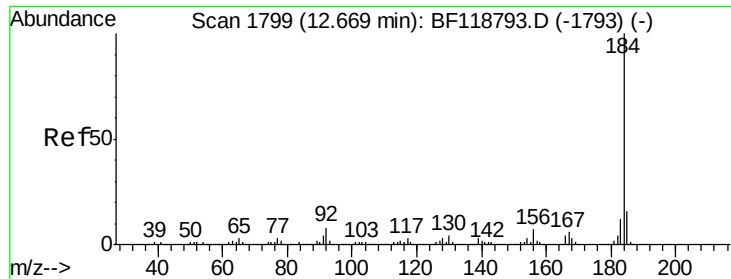


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.082 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampled :

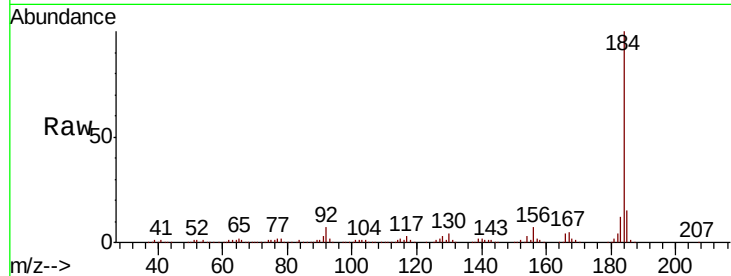
Tot Ion:184 Resp: 663013

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

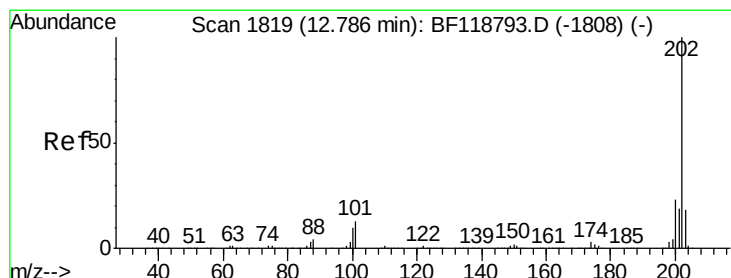
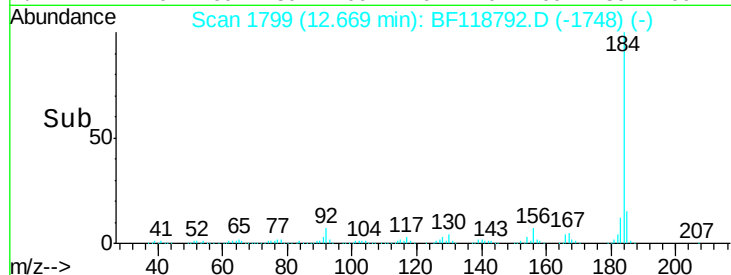
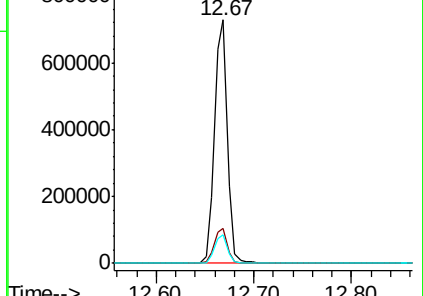
183 11.9 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 21.661 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

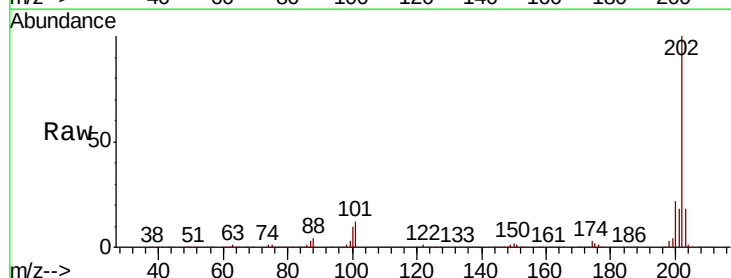
Tgt Ion:202 Resp: 1454868

Ion Ratio Lower Upper

202 100

200 21.8 18.2 27.2

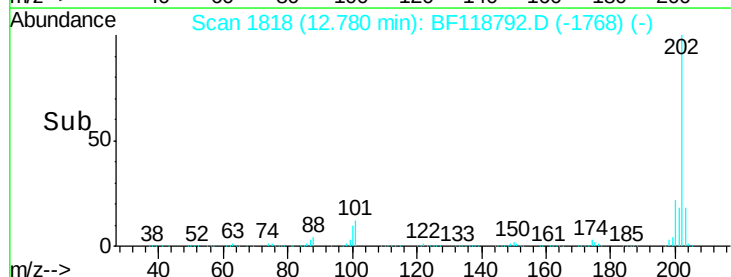
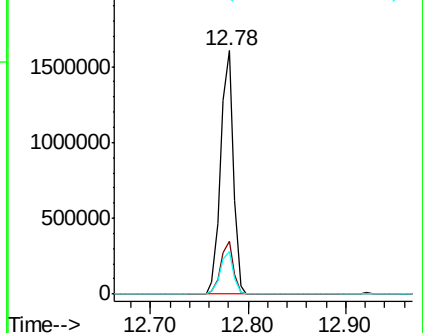
203 17.7 14.8 22.2

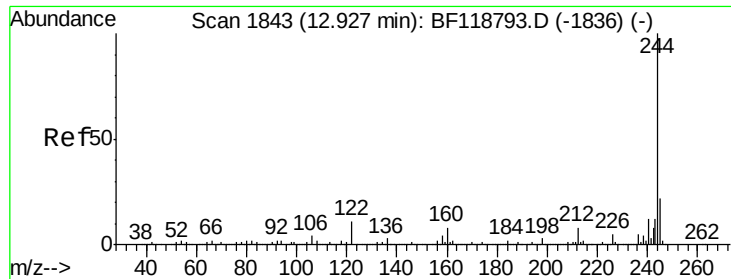


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

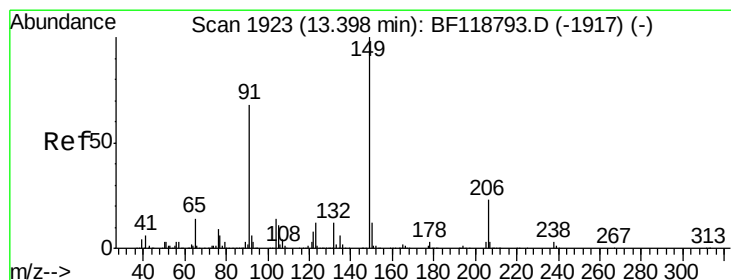
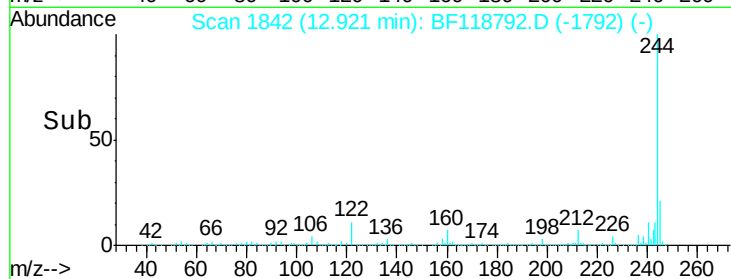
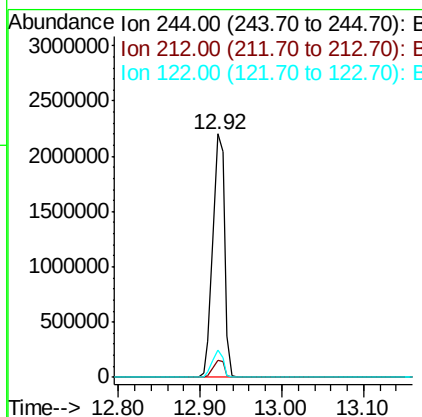
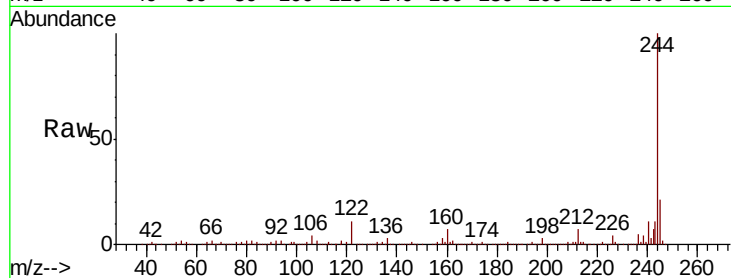




#79
 Terphenyl-d14
 Concen: 48.677 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

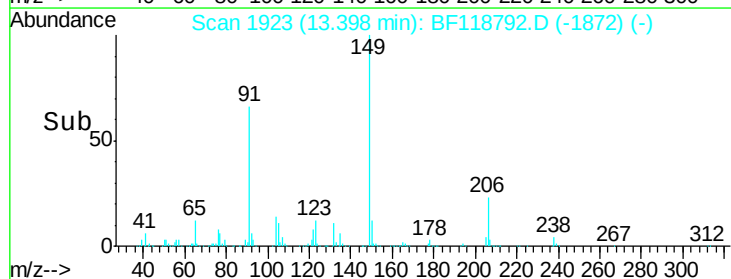
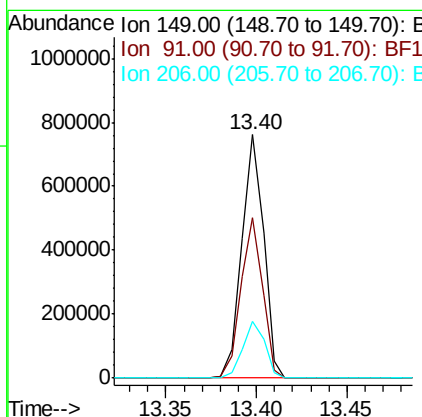
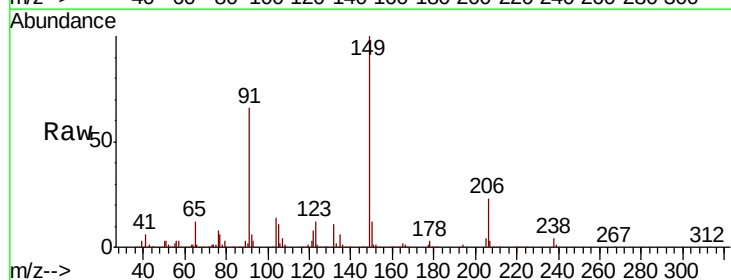
Instrument :
 BNA_F
 ClientSampleId :

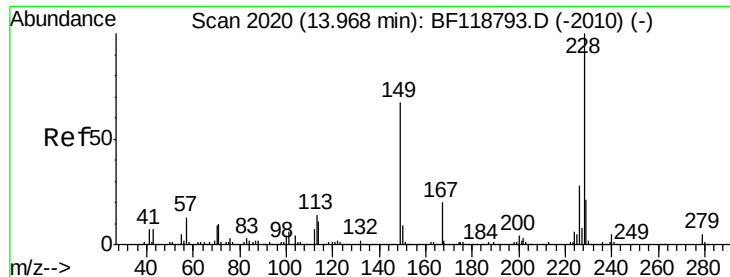
Tot Ion:244 Resp: 2207884
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 11.2 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 23.191 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion:149 Resp: 637471
 Ion Ratio Lower Upper
 149 100
 91 66.0 54.7 82.1
 206 23.2 18.5 27.7





#81

Benzo(a)anthracene

Concen: 22.100 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

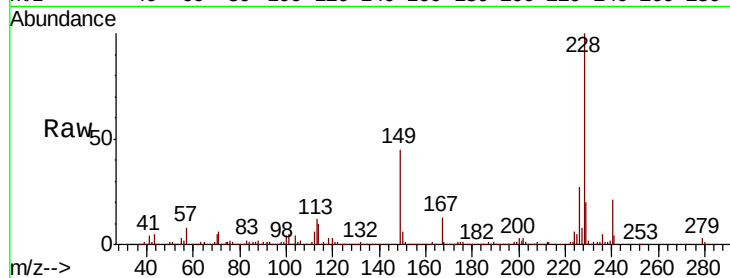
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1315191

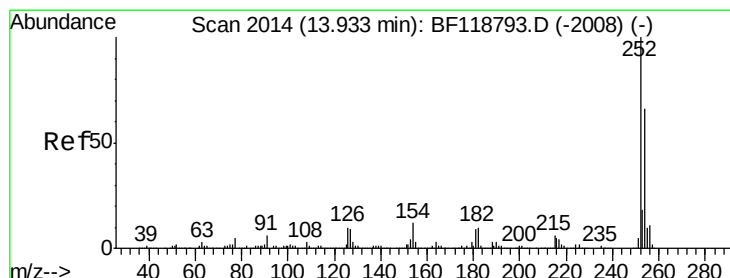
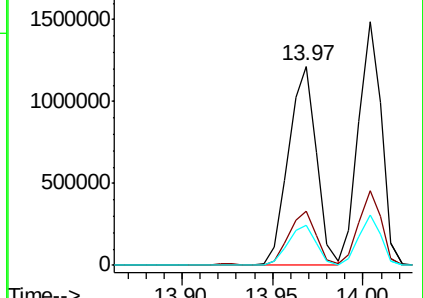
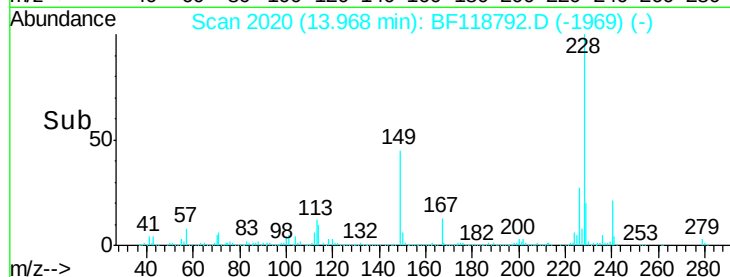
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	20.3	16.6	25.0



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: 25.834 ng

RT: 13.93 min Scan# 2013

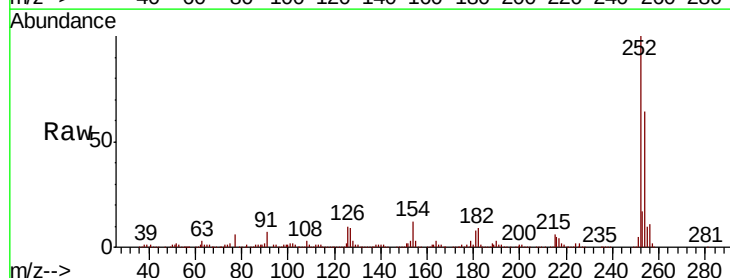
Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Tgt Ion:252 Resp: 547829

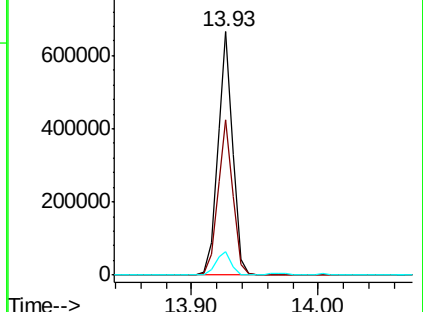
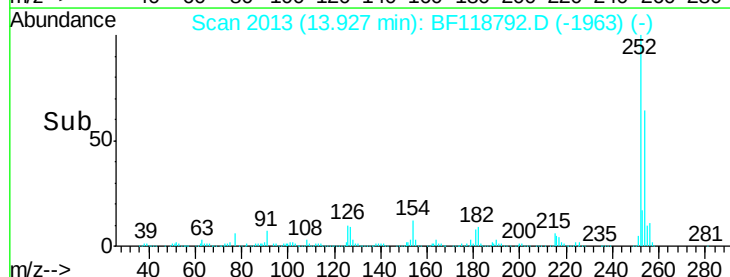
Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.4	78.6
126	9.6	7.8	11.8

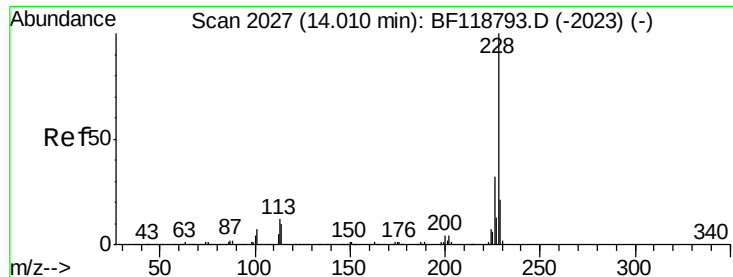


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

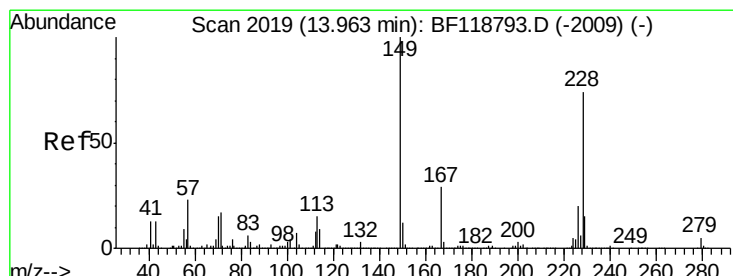
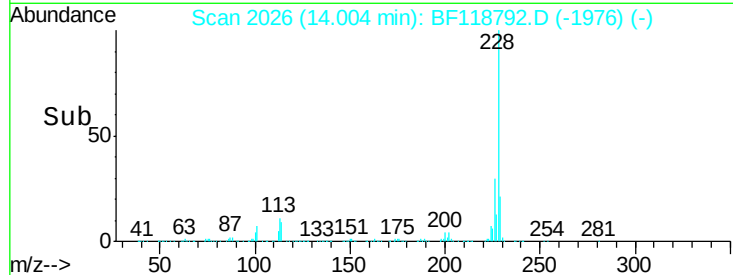
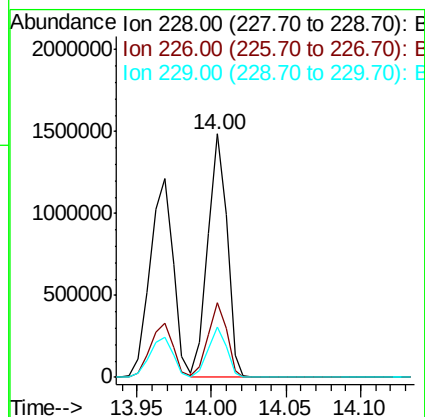
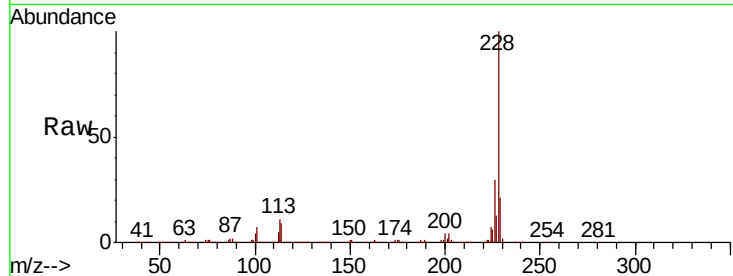




#83
 Chrysene
 Concen: 23.080 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

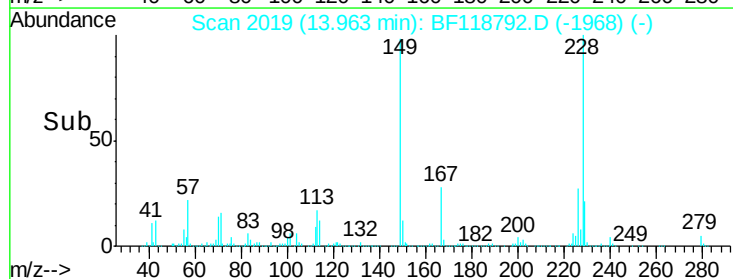
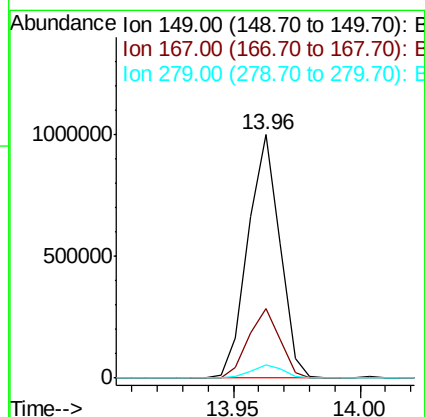
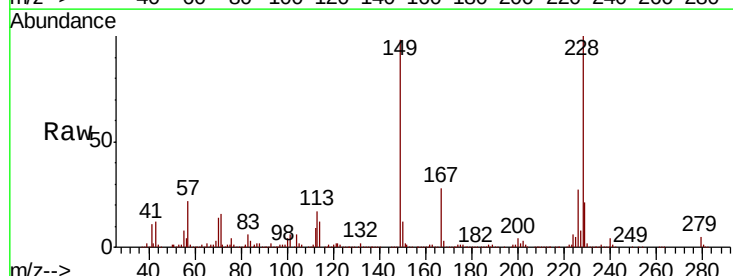
Instrument :
 BNA_F
 ClientSampleId :

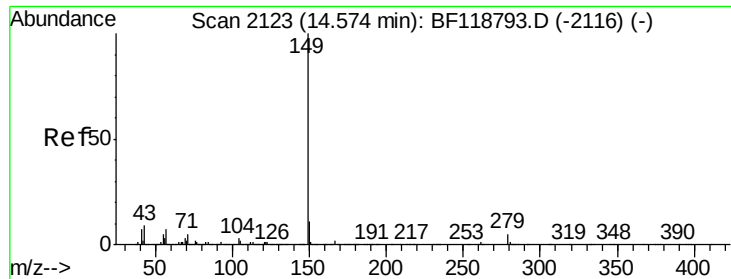
Tot Ion:228 Resp: 1316378
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.4 38.0
 229 20.5 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 26.045 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion:149 Resp: 874670
 Ion Ratio Lower Upper
 149 100
 167 28.8 23.0 34.6
 279 5.3 4.4 6.6

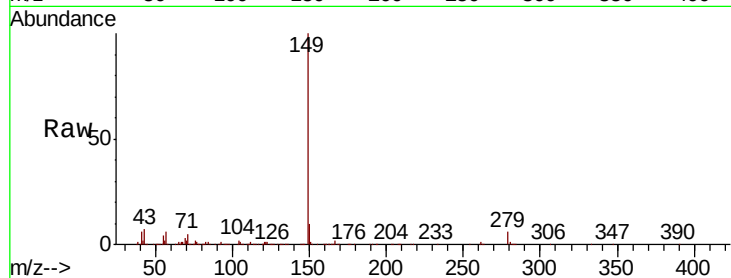




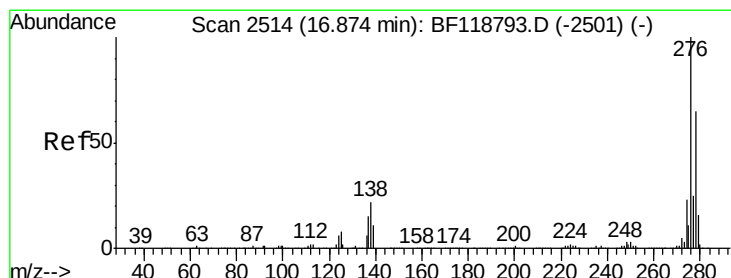
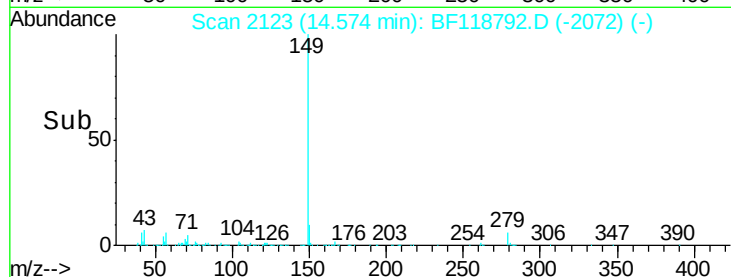
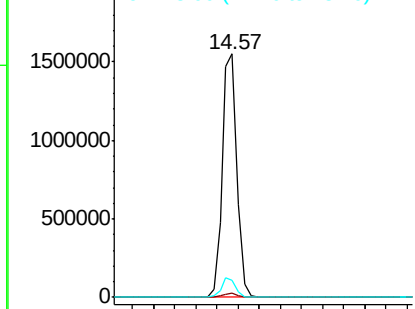
#85
Di-n-octyl phthalate
Concen: 30.320 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1507165
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 7.9 6.6 10.0

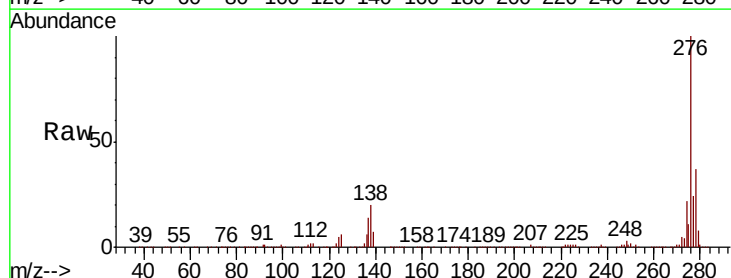


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

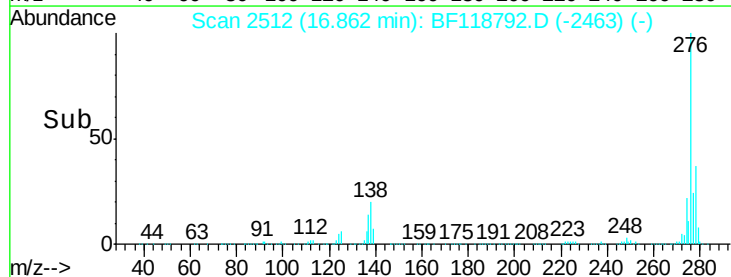
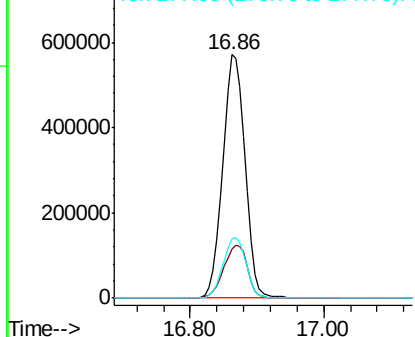


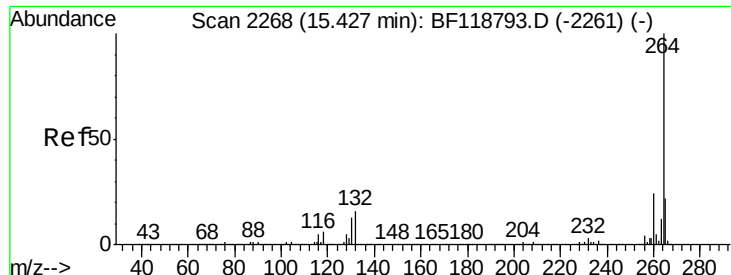
#86
Indeno(1,2,3-cd)pyrene
Concen: 27.381 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion:276 Resp: 1356992
Ion Ratio Lower Upper
276 100
138 23.0 18.3 27.5
277 25.5 20.2 30.4



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



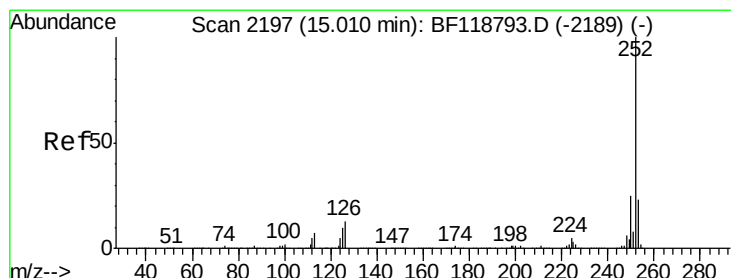
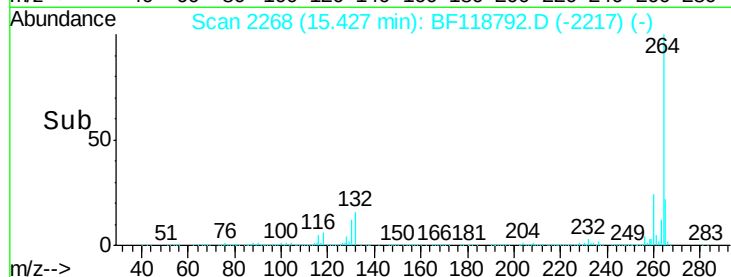
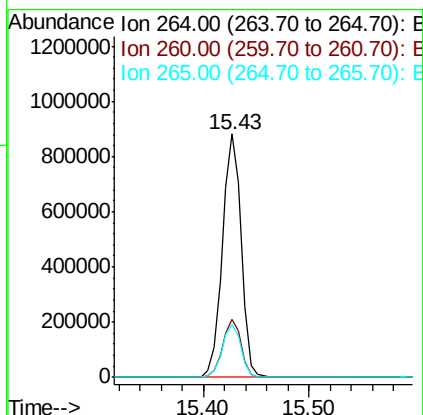
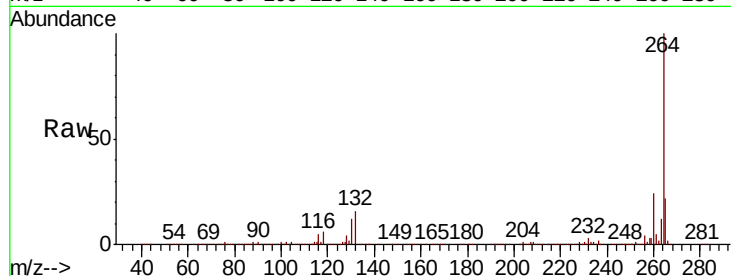


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 1089832

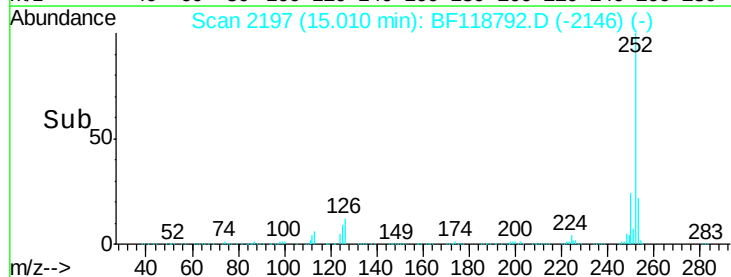
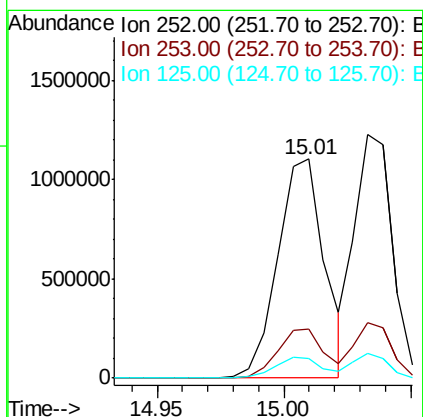
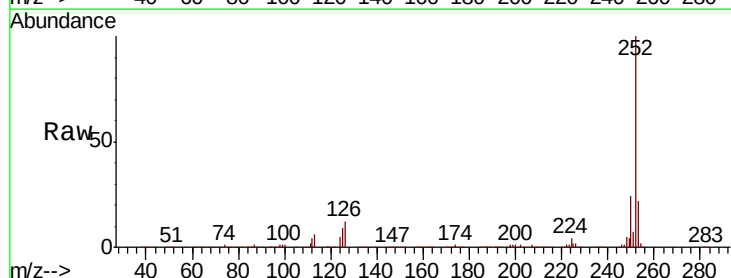
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.9	17.2	25.8

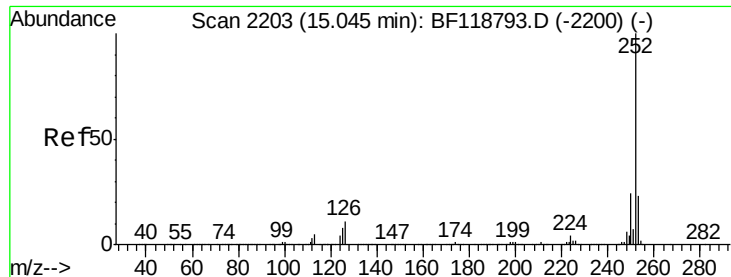


#88
Benzo(b)fluoranthene
Concen: 20.622 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion:252 Resp: 1412653

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	9.1	8.1	12.1

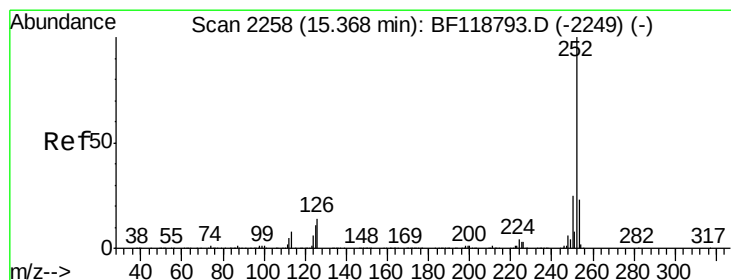
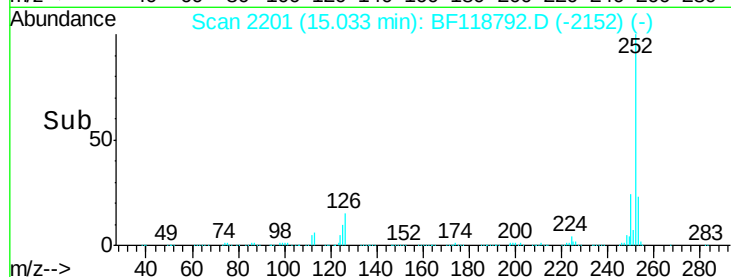
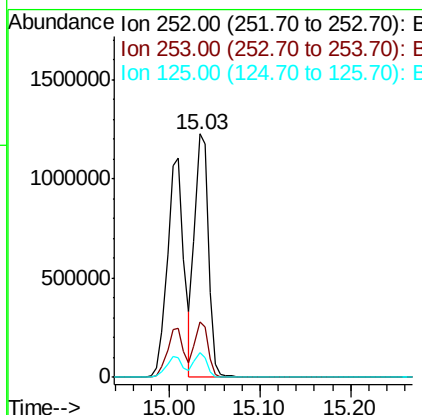
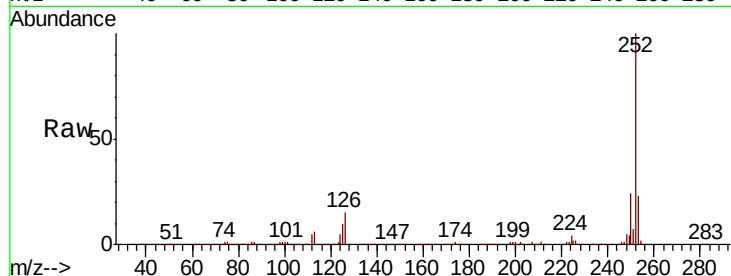




#89
Benzo(k)fluoranthene
Concen: 20.172 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

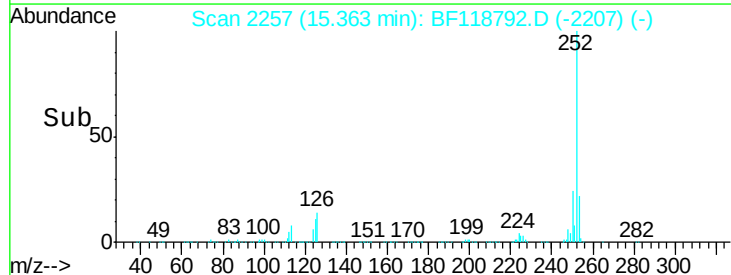
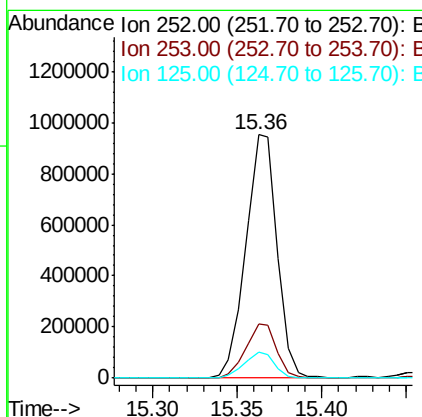
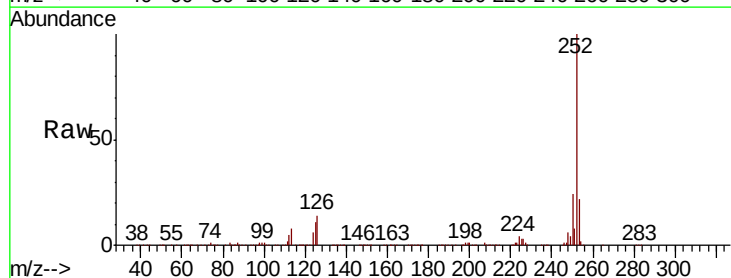
Instrument :
BNA_F
ClientSampleId :

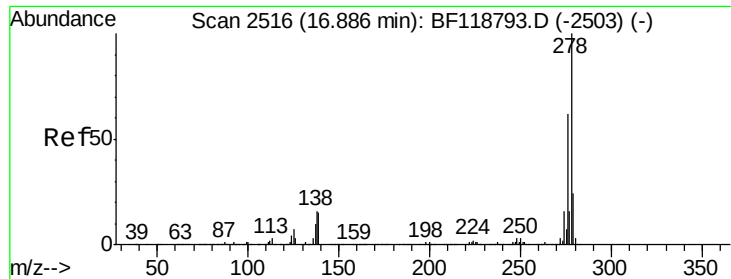
Tot Ion:252 Resp: 1280240
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 10.2 7.0 10.6



#90
Benzo(a)pyrene
Concen: 20.886 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion:252 Resp: 1234240
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 21.499 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

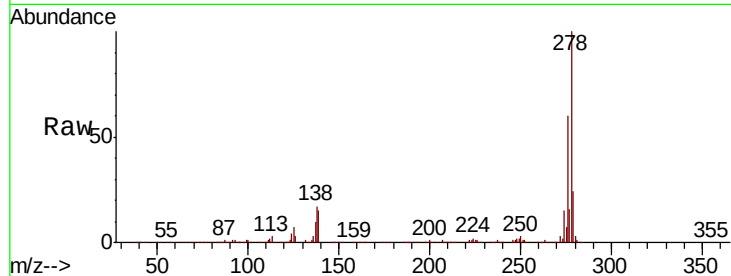
Tot Ion:278 Resp: 1123797

Ion Ratio Lower Upper

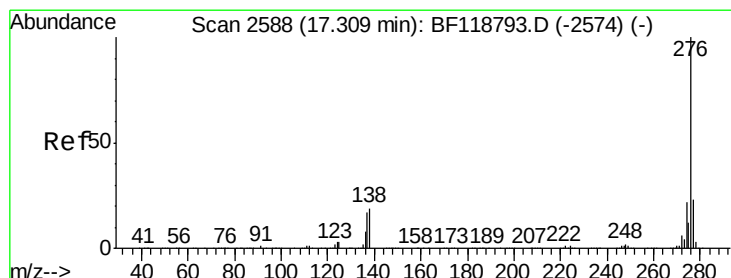
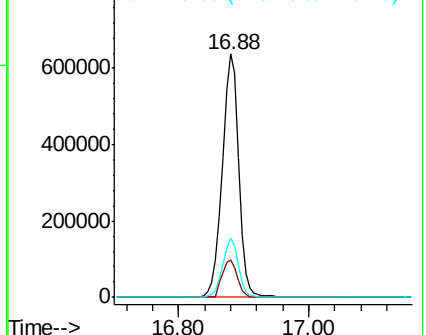
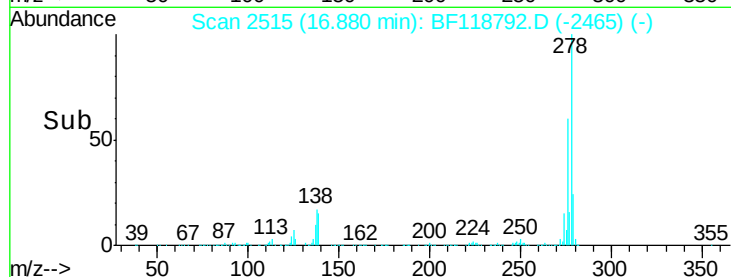
278 100

139 15.3 12.3 18.5

279 24.4 19.1 28.7



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: 20.747 ng

RT: 17.30 min Scan# 2586

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

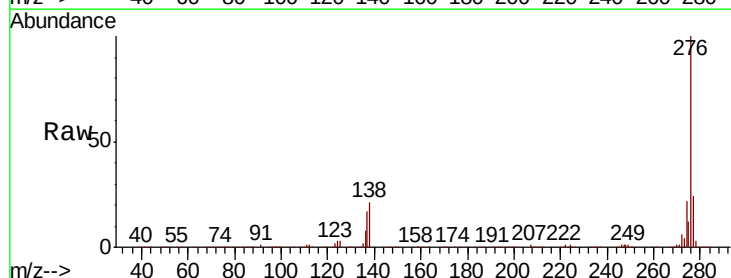
Tgt Ion:276 Resp: 1052960

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 20.8 15.4 23.2



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

