

Data File : BF118457.D
Acq On : 3 Jan 2020 13:13
Operator : JU
Sample : PB125821BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Quant Time: Jan 04 00:02:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	81277	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	365936	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	196141	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	358674	20.00	ng	0.00
76) Chrysene-d12	14.05	240	269259	20.00	ng	0.00
87) Perylene-d12	15.53	264	213780	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	557653	117.12	ng	0.02
7) Phenol-d6	6.50	99	717784	121.52	ng	0.01
23) Nitrobenzene-d5	7.42	82	509101	79.57	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	298790	123.35	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1198767	93.29	ng	0.00
79) Terphenyl-d14	12.98	244	1462829	90.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	56554	29.878	ng	# 93
3) Pyridine	3.45	79	140500	27.860	ng	97
4) n-Nitrosodimethylamine	3.40	42	94836	45.484	ng	# 73
6) Aniline	6.52	93	200967	26.794	ng	# 87
8) 2-Chlorophenol	6.64	128	225715	41.856	ng	96
9) Benzaldehyde	6.40	77	121018	34.946	ng	91
10) Phenol	6.50	94	260382	39.221	ng	77
11) bis(2-Chloroethyl)ether	6.59	93	188191	39.637	ng	99
12) 1,3-Dichlorobenzene	6.79	146	265757	42.790	ng	98
13) 1,4-Dichlorobenzene	6.86	146	266722	42.281	ng	98
14) 1,2-Dichlorobenzene	7.02	146	263913	44.312	ng	98
15) Benzyl Alcohol	7.00	79	218196	48.517	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	224141	44.241	ng	61
17) 2-Methylphenol	7.11	107	207764	48.035	ng	# 92
18) Hexachloroethane	7.36	117	102424	44.239	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	171491	47.129	ng	93
20) 3+4-Methylphenols	7.27	107	263351	47.573	ng	# 82
22) Acetophenone	7.26	105	357782	39.892	ng	# 92
24) Nitrobenzene	7.44	77	261680	40.829	ng	96
25) Isophorone	7.67	82	464811	41.686	ng	98
26) 2-Nitrophenol	7.75	139	141203	41.595	ng	# 90
27) 2,4-Dimethylphenol	7.79	122	219417	47.373	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	287056	39.364	ng	99
29) 2,4-Dichlorophenol	8.00	162	225730	42.342	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	257531	41.470	ng	98
31) Naphthalene	8.16	128	818789	44.023	ng	99
32) Benzoic acid	7.95	122	129720	34.921	ng	99
33) 4-Chloroaniline	8.21	127	105299	13.206	ng	99
34) Hexachlorobutadiene	8.27	225	151523	40.989	ng	99
35) Caprolactam	8.59	113	38798	23.311	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	253046	44.210	ng	99
37) 2-Methylnaphthalene	8.85	142	594420	46.679	ng	98
38) 1-Methylnaphthalene	8.95	142	548698	45.735	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	243827	41.374	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	176906	72.270	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	161803	41.097	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	183370	45.276	ng	99
46) 1,1'-Biphenyl	9.32	154	696928	44.924	ng	97
47) 2-Chloronaphthalene	9.35	162	555331	44.477	ng	97
48) 2-Nitroaniline	9.45	65	153867	43.629	ng	95
49) Acenaphthylene	9.76	152	858217	46.345	ng	100
50) Dimethylphthalate	9.62	163	680932	46.249	ng	99
51) 2,6-Dinitrotoluene	9.69	165	148828	46.887	ng	91
52) Acenaphthene	9.93	154	504770	44.751	ng	98
53) 3-Nitroaniline	9.86	138	78357	21.032	ng	98
54) 2,4-Dinitrophenol	9.98	184	108387	68.519	ng	95
55) Dibenzofuran	10.10	168	762860	45.772	ng	95
56) 4-Nitrophenol	10.04	139	158940	69.107	ng	93
57) 2,4-Dinitrotoluene	10.10	165	194354	45.823	ng	# 82
58) Fluorene	10.45	166	592393	44.031	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	133611	38.826	ng	96
60) Diethylphthalate	10.32	149	625302	42.930	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	285557	42.517	ng	98
62) 4-Nitroaniline	10.49	138	129134	33.365	ng	95
63) Azobenzene	10.60	77	590720	47.348	ng	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	92092	47.595	ng	85
66) n-Nitrosodiphenylamine	10.56	169	542842	47.222	ng	97
67) 4-Bromophenyl-phenylether	10.93	248	183269	43.661	ng	95
68) Hexachlorobenzene	11.00	284	211178	42.741	ng	99
69) Atrazine	11.09	200	195061	54.980	ng	98
70) Pentachlorophenol	11.20	266	161088	75.282	ng	99
71) Phenanthrene	11.42	178	861995	44.085	ng	99
72) Anthracene	11.47	178	887539	45.349	ng	97
73) Carbazole	11.63	167	750109	43.193	ng	99
74) Di-n-butylphthalate	11.94	149	1066984	48.455	ng	99
75) Fluoranthene	12.62	202	910723	46.152	ng	99
77) Benzidine	12.73	184	419344	56.838	ng	98
78) Pyrene	12.84	202	903257	41.080	ng	99
80) Butylbenzylphthalate	13.45	149	439397	44.382	ng	97
81) Benzo(a)anthracene	14.04	228	843727	44.766	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	152339	23.839	ng	99
83) Chrysene	14.07	228	775027	42.946	ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	669482	51.427	ng	99
85) Di-n-octyl phthalate	14.62	149	1017031	53.111	ng	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	556837	36.213	ng	99
88) Benzo(b)fluoranthene	15.10	252	640013	45.101	ng	99
89) Benzo(k)fluoranthene	15.13	252	632175	46.396	ng	99
90) Benzo(a)pyrene	15.47	252	549522	43.959	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	468744	43.210	ng	100
92) Benzo(g,h,i)perylene	17.50	276	473196	45.156	ng	99

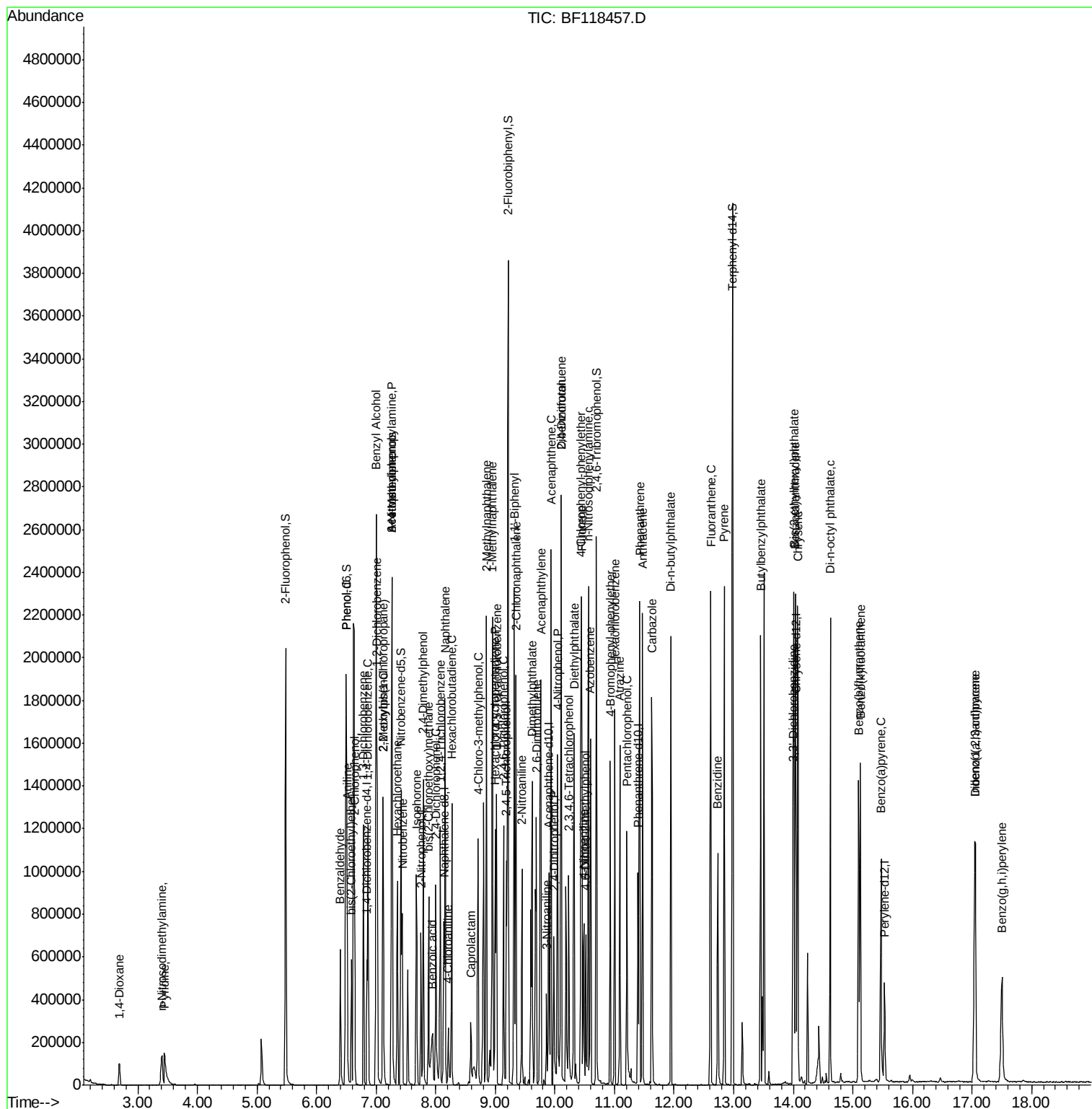
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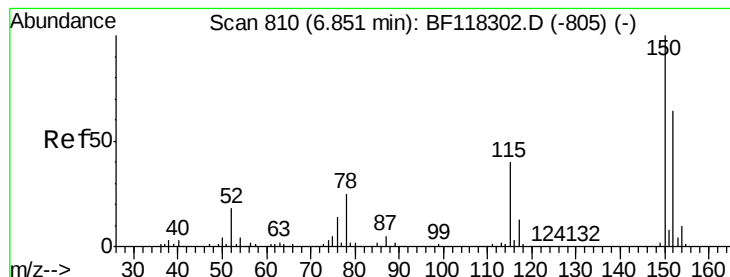
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

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ClientSampleId :

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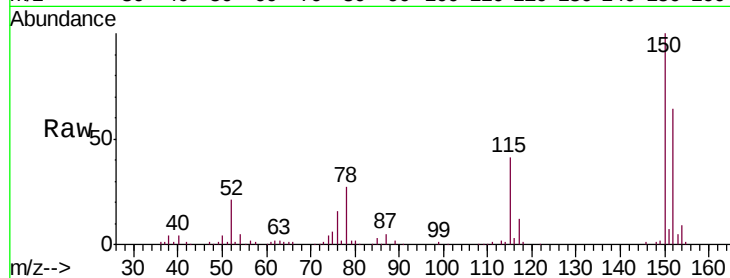
Tgt Ion: 152 Resp: 81277

Ion Ratio Lower Upper

152 100

150 157.5 125.4 188.2

115 64.2 50.2 75.4

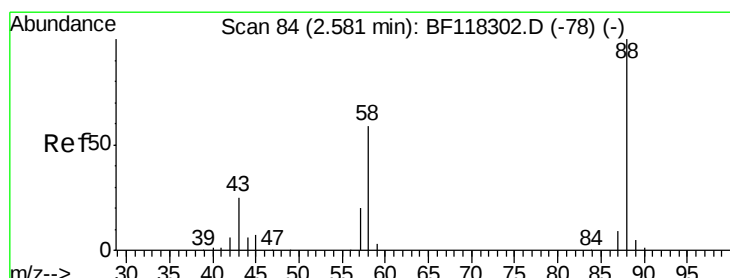
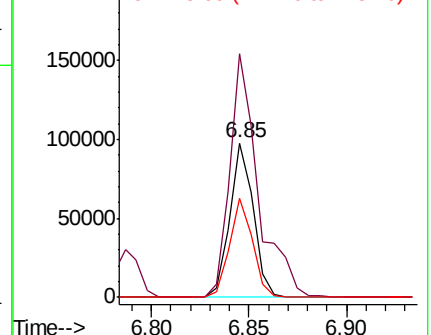
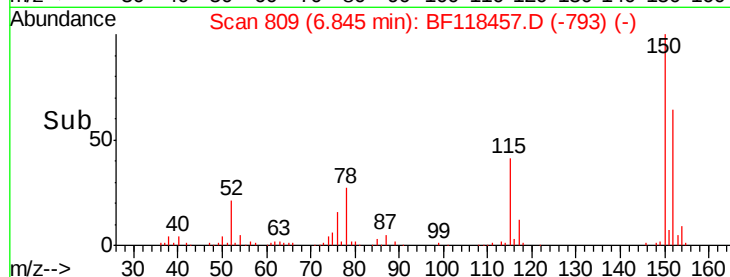


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.878 ng

RT: 2.69 min Scan# 103

Delta R.T. 0.11 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

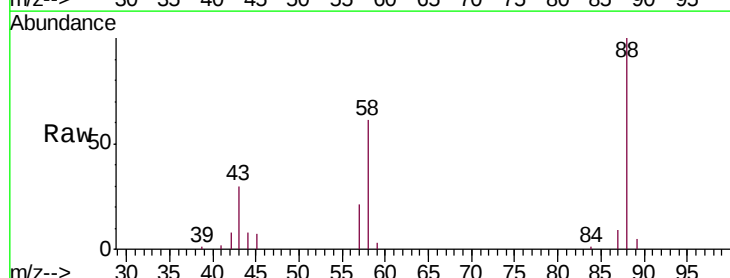
Tgt Ion: 88 Resp: 56554

Ion Ratio Lower Upper

88 100

58 61.6 47.6 71.4

43 34.3 20.6 30.8#

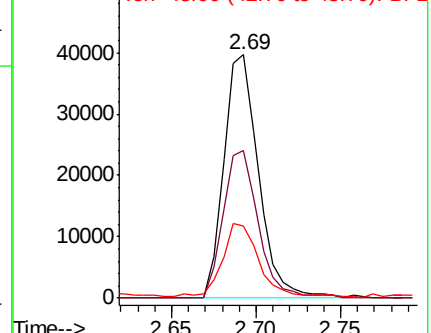
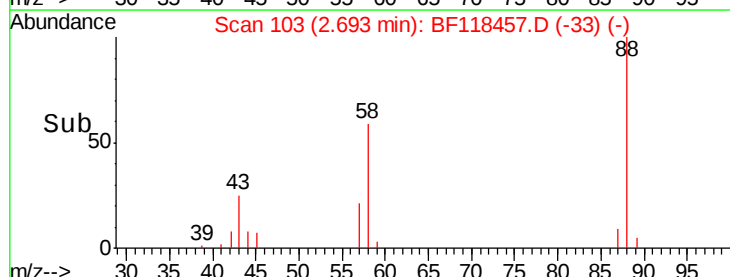


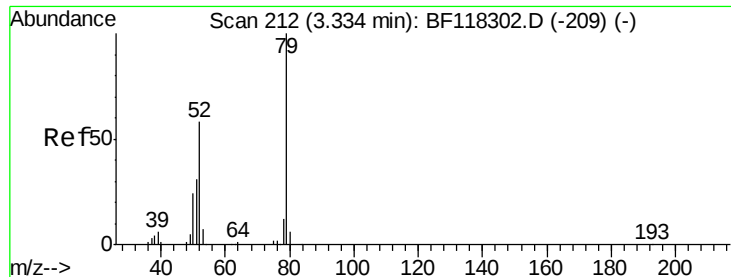
Abundance

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

Pyridine

Concen: 27.860 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.11 min

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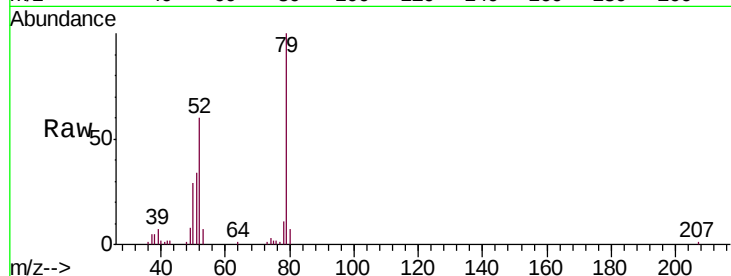
Tgt Ion: 79 Resp: 140500

Ion Ratio Lower Upper

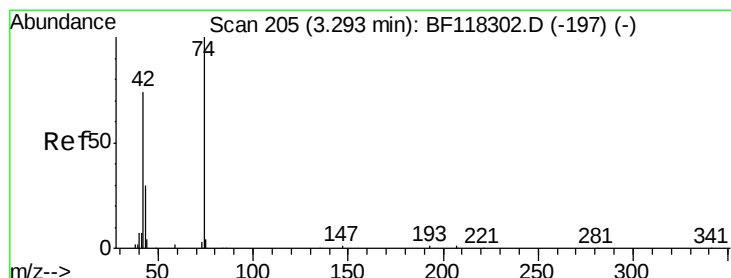
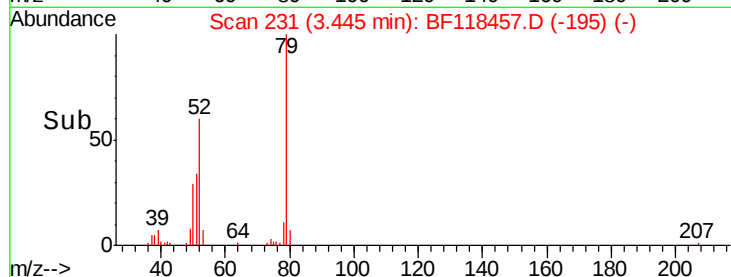
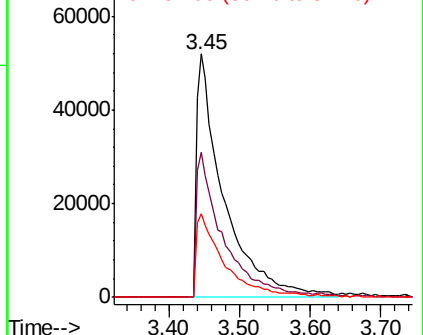
79 100

52 59.7 46.4 69.6

51 34.1 24.9 37.3



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: 45.484 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.11 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

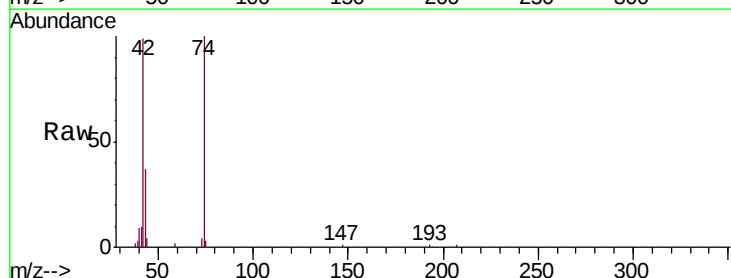
Tgt Ion: 42 Resp: 94836

Ion Ratio Lower Upper

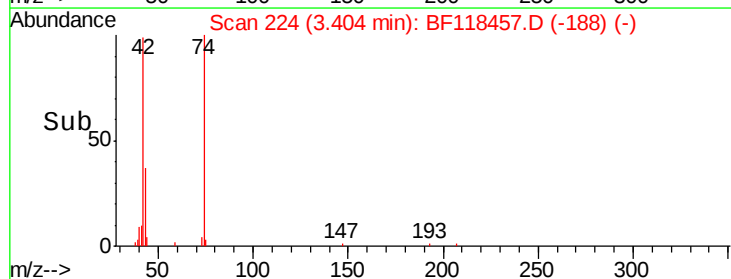
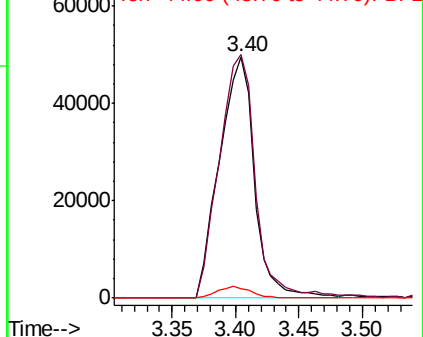
42 100

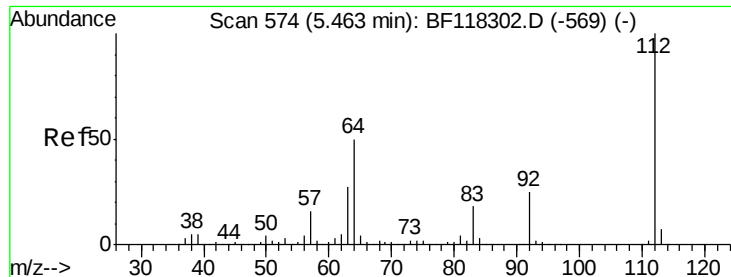
74 101.0 107.7 161.5#

44 3.9 4.8 7.2#



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: 117.119 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

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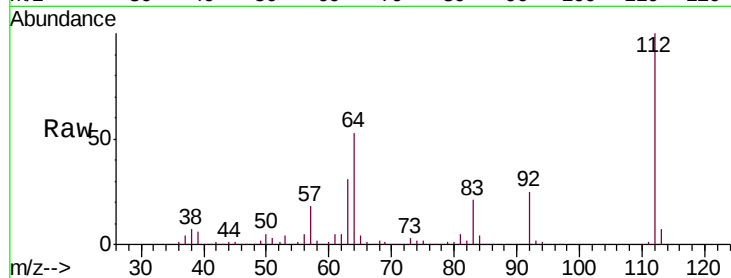
Tgt Ion: 112 Resp: 557653

Ion Ratio Lower Upper

112 100

64 53.1 39.7 59.5

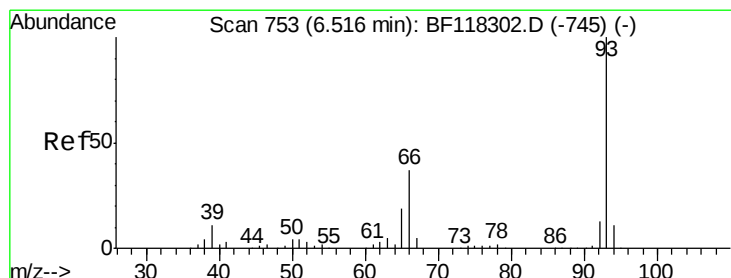
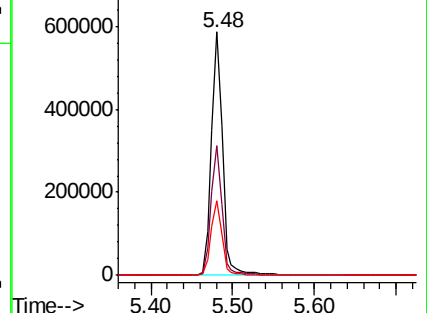
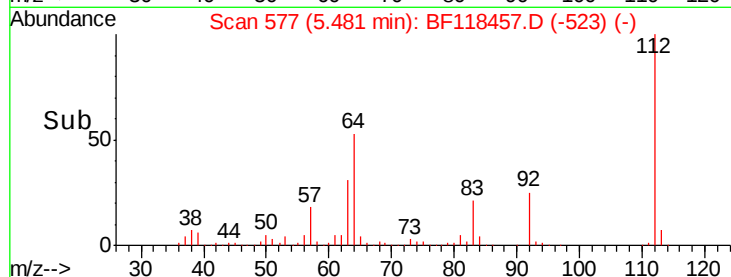
63 30.7 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.794 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

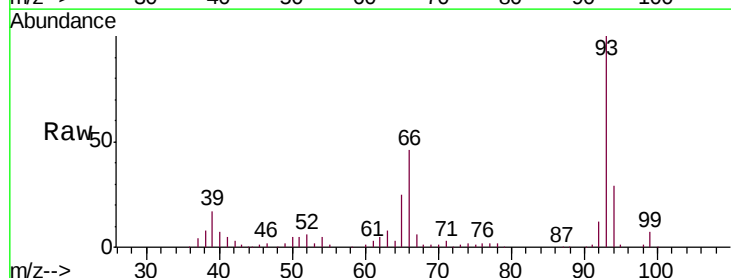
Tgt Ion: 93 Resp: 200967

Ion Ratio Lower Upper

93 100

66 46.0 30.2 45.4#

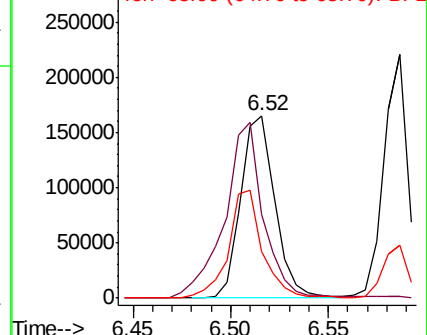
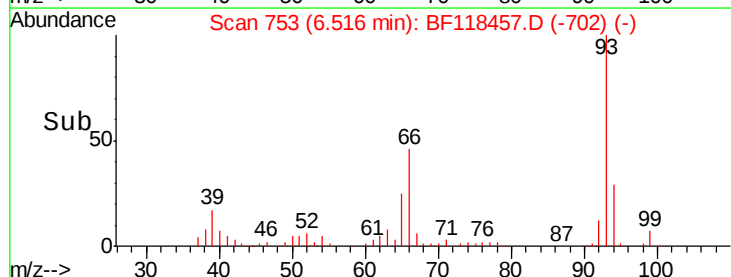
65 25.4 15.7 23.5#

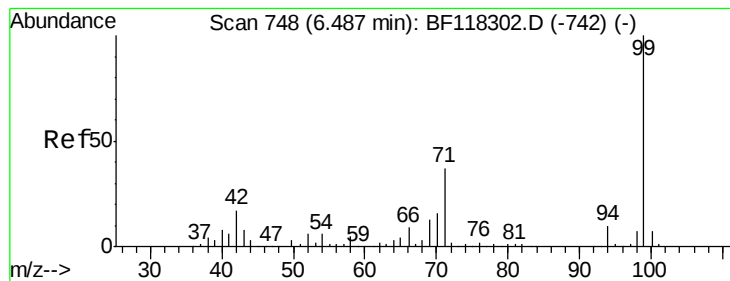


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.521 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

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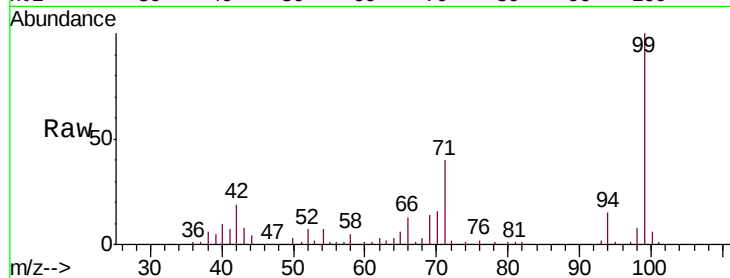
Tgt Ion: 99 Resp: 717784

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

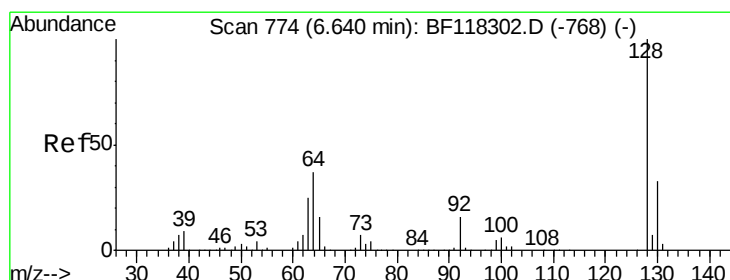
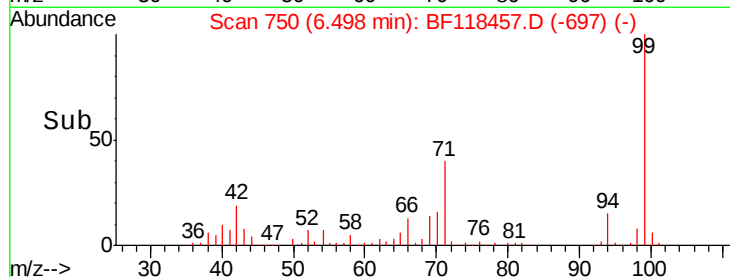
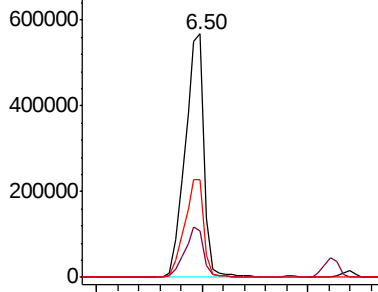
71 39.9 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.856 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

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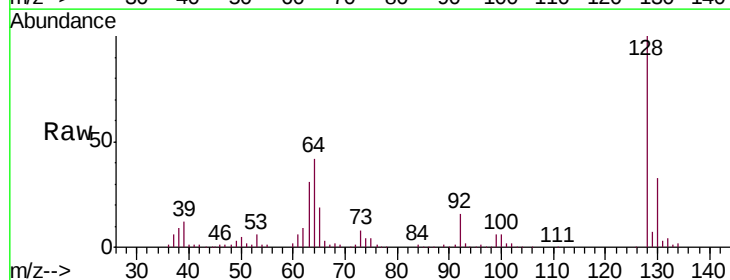
Tgt Ion: 128 Resp: 225715

Ion Ratio Lower Upper

128 100

130 32.7 13.2 53.2

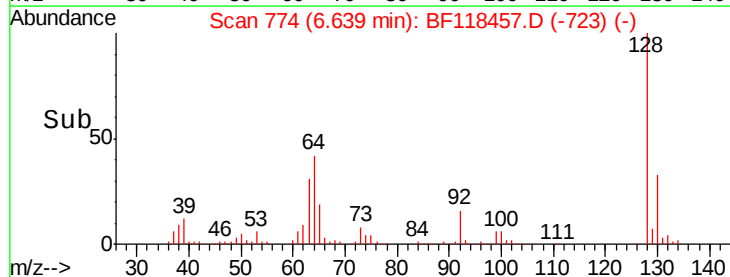
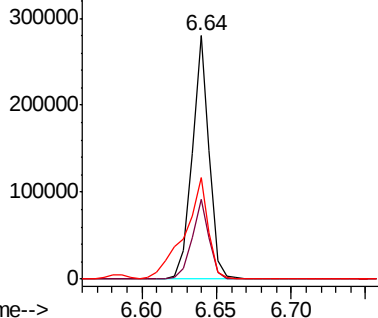
64 41.5 17.7 57.7

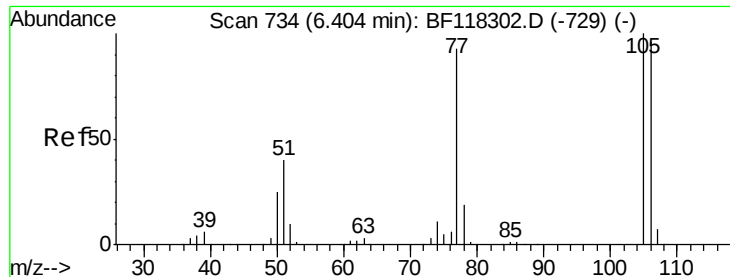


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.946 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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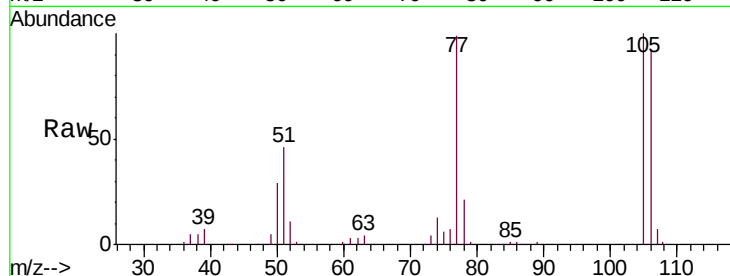
Tgt Ion: 77 Resp: 121018

Ion Ratio Lower Upper

77 100

105 100.7 87.5 127.5

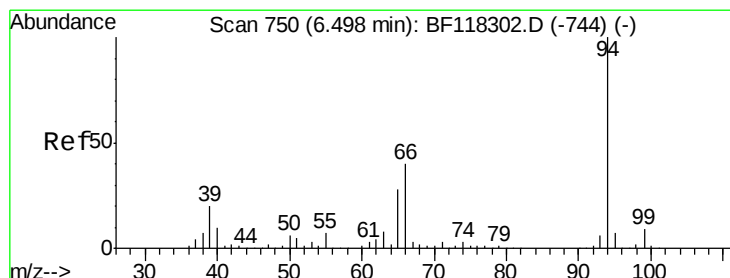
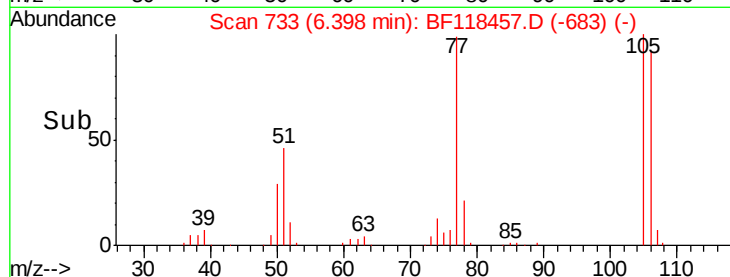
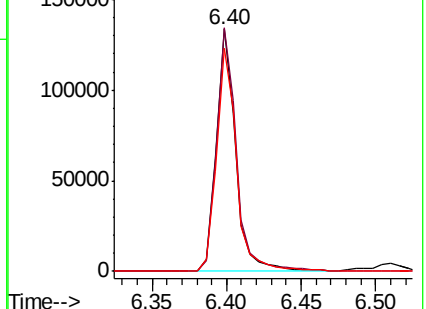
106 92.6 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.221 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

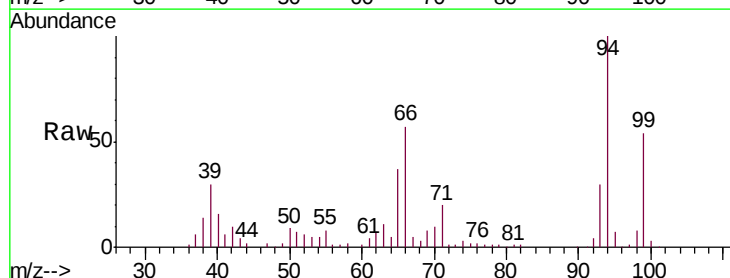
Tgt Ion: 94 Resp: 260382

Ion Ratio Lower Upper

94 100

65 36.8 7.8 47.8

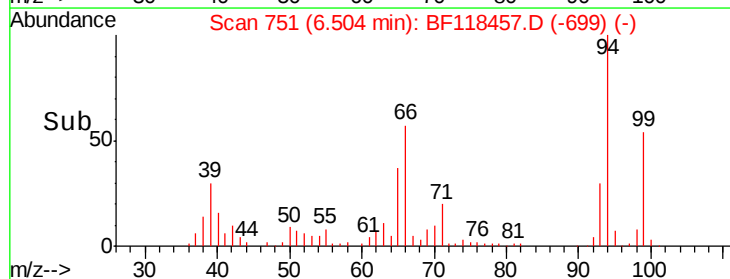
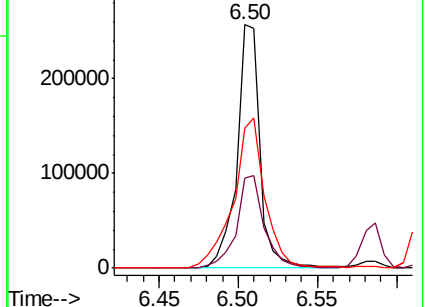
66 57.3 20.4 60.4

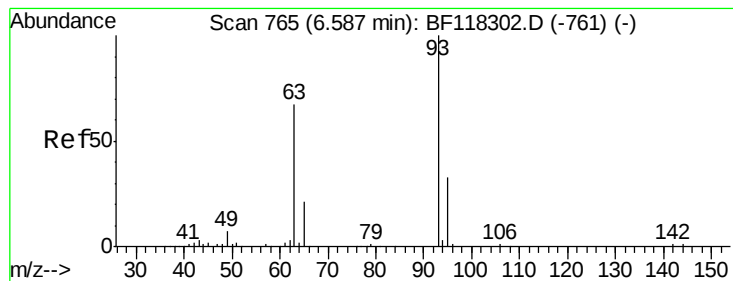


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.637 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB125821BS

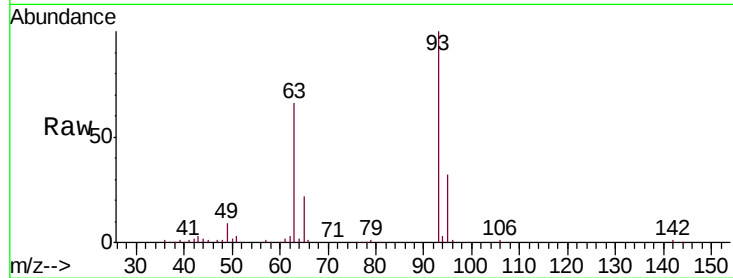
Tgt Ion: 93 Resp: 188191

Ion Ratio Lower Upper

93 100

63 66.4 47.0 87.0

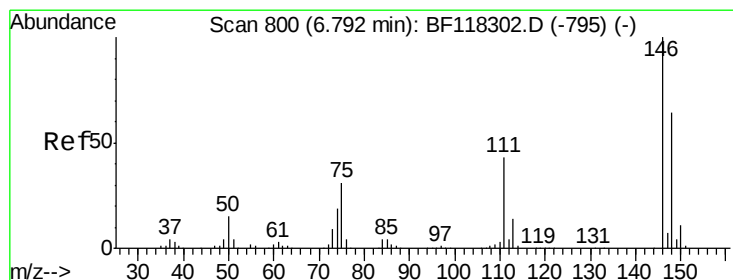
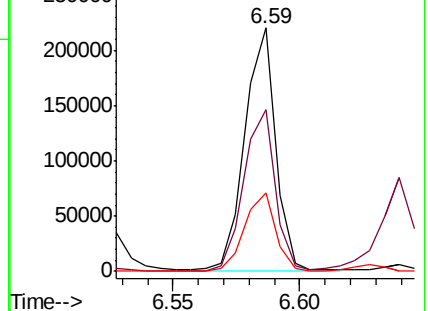
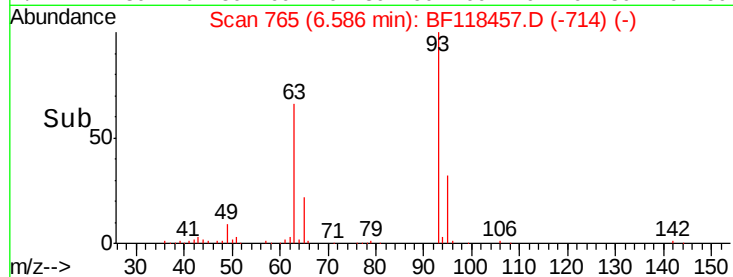
95 32.4 12.8 52.8



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: 42.790 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

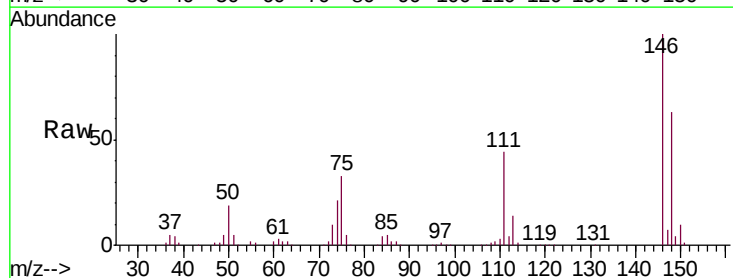
Tgt Ion: 146 Resp: 265757

Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.0

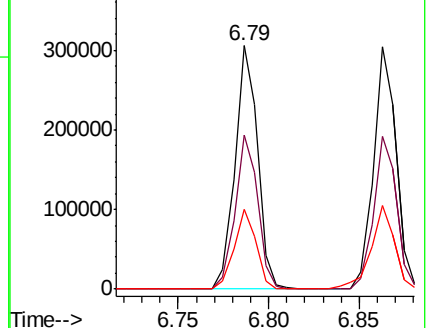
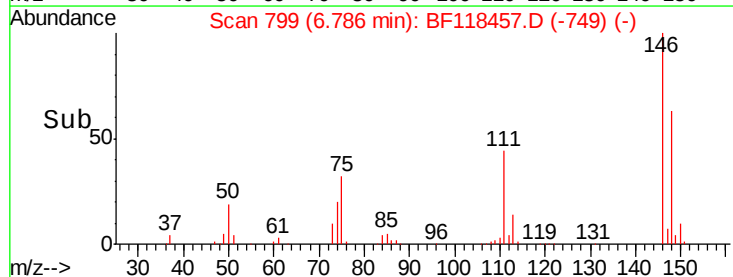
75 32.7 24.4 36.6

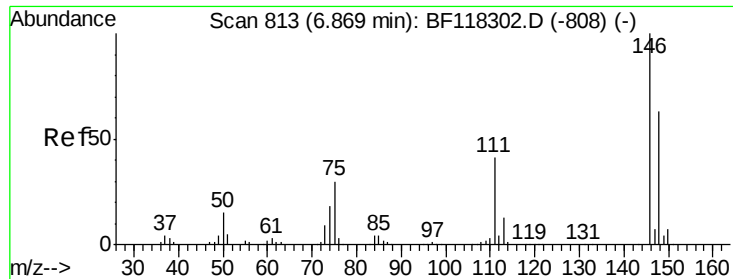


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

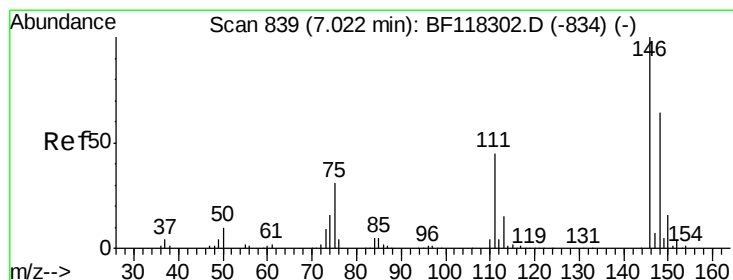
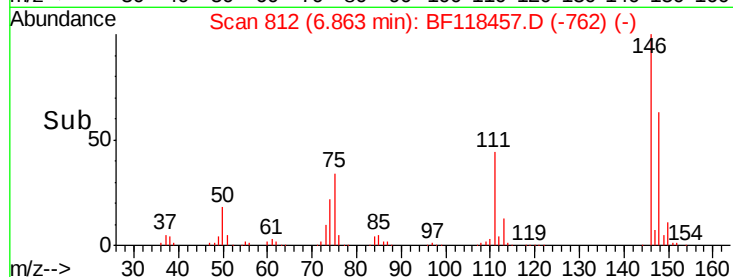
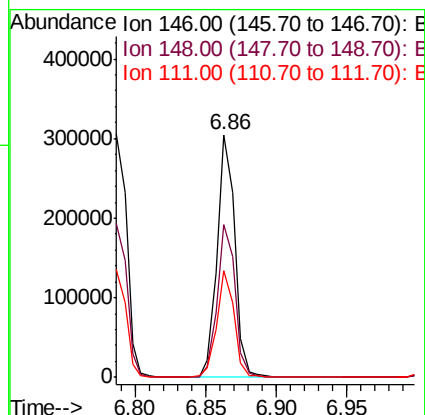
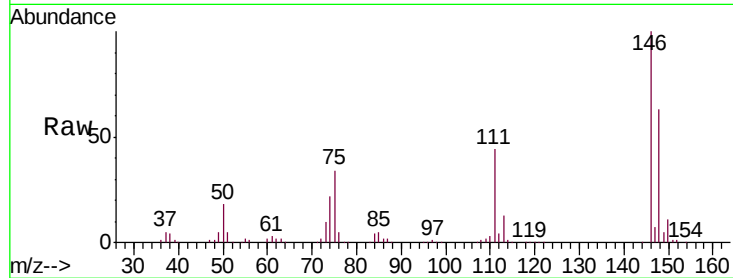




#13
1,4-Dichlorobenzene
Concen: 42.281 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

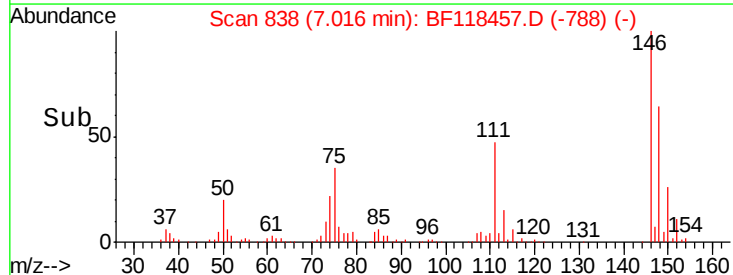
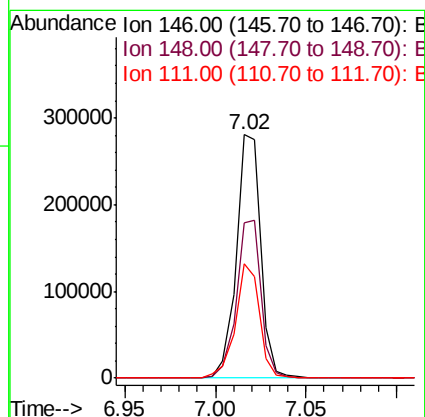
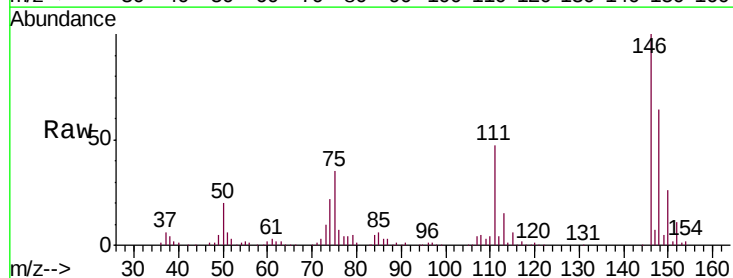
Instrument :
BNA_F
ClientSampleId :
PB125821BS

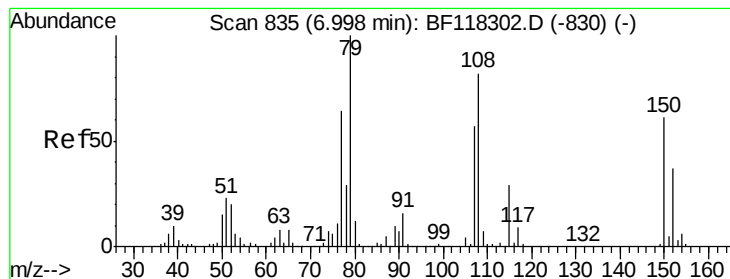
Tgt Ion:146 Resp: 266722
Ion Ratio Lower Upper
146 100
148 62.7 50.3 75.5
111 44.0 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 44.312 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:146 Resp: 263913
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
111 47.0 35.7 53.5





#15

Benzyl Alcohol

Concen: 48.517 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB125821BS

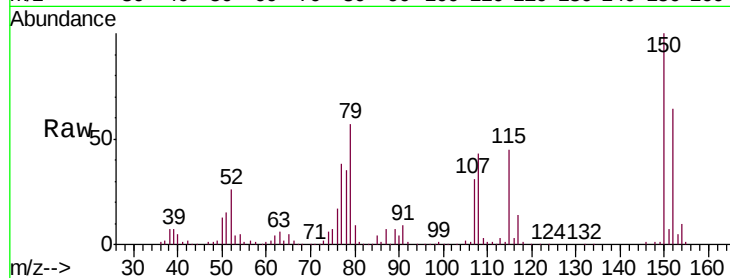
Tgt Ion: 79 Resp: 218196

Ion Ratio Lower Upper

79 100

108 75.9 65.4 98.0

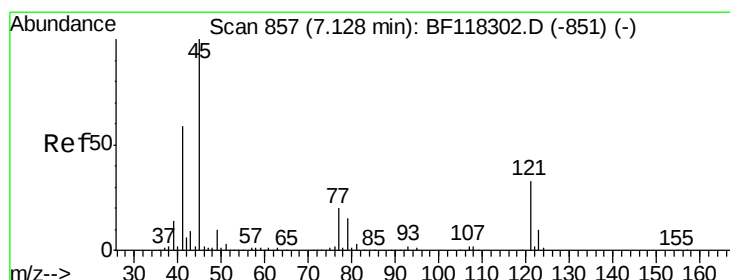
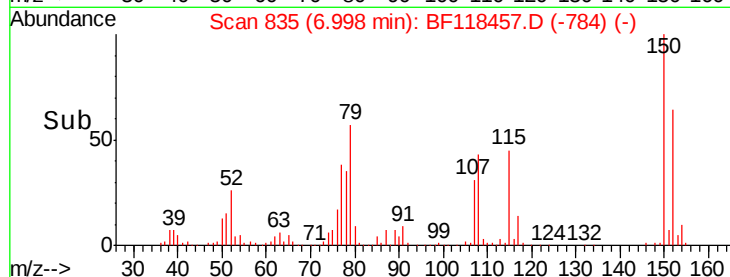
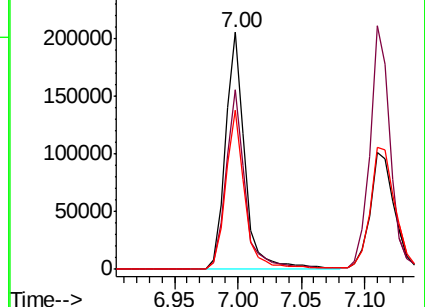
77 67.3 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.241 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

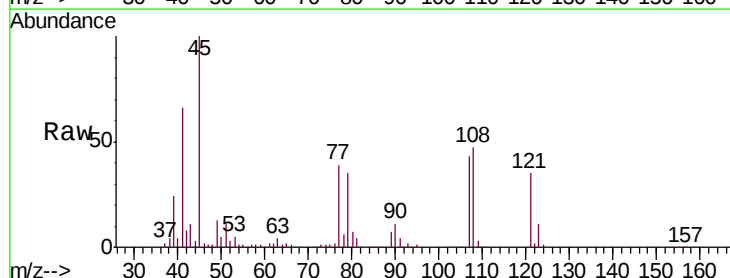
Tgt Ion: 45 Resp: 224141

Ion Ratio Lower Upper

45 100

77 38.8 1.2 41.2

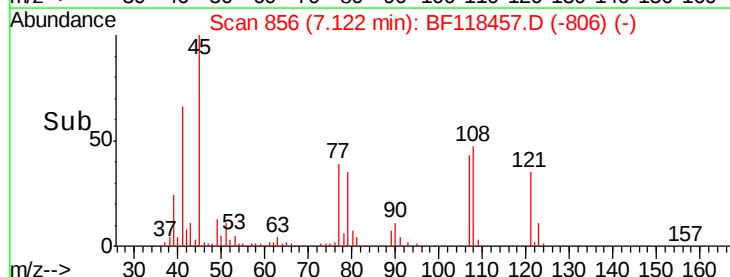
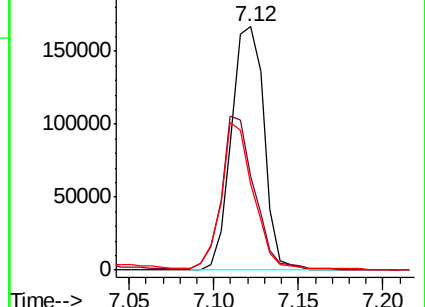
79 35.2 0.0 37.0

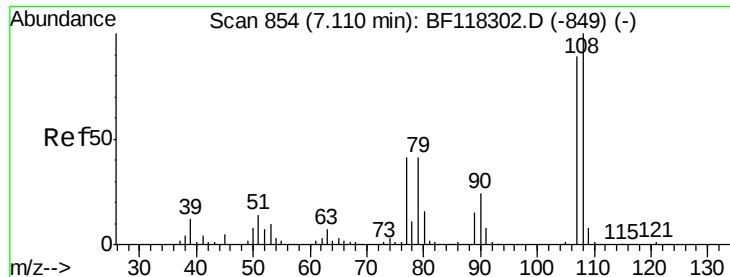


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

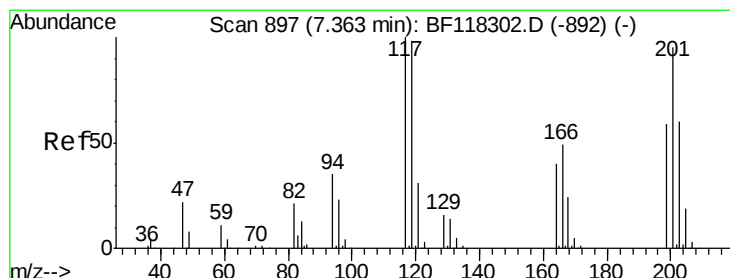
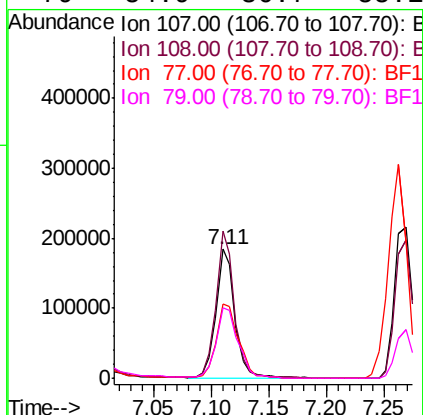
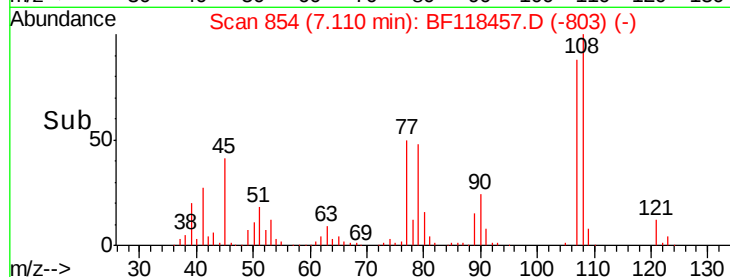
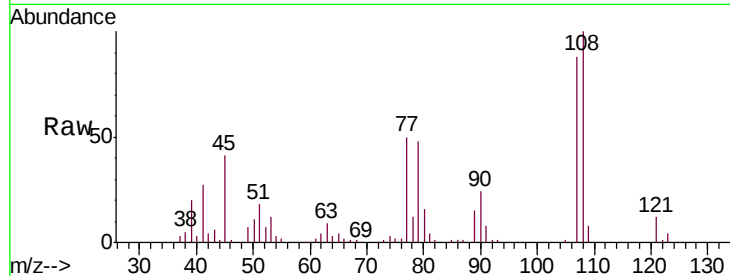




#17
2-Methylphenol
Concen: 48.035 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

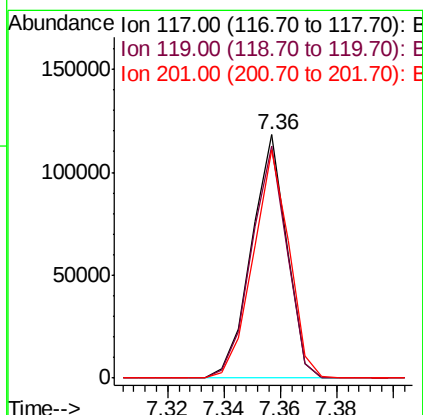
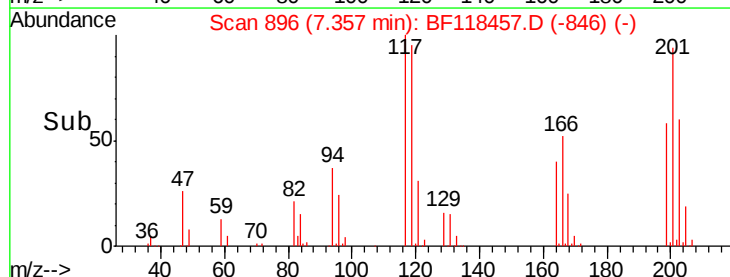
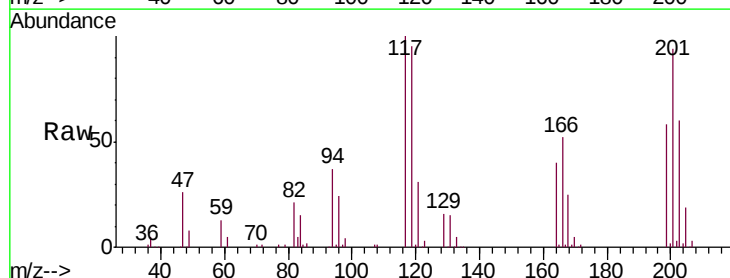
Instrument :
BNA_F
ClientSampleId :
PB125821BS

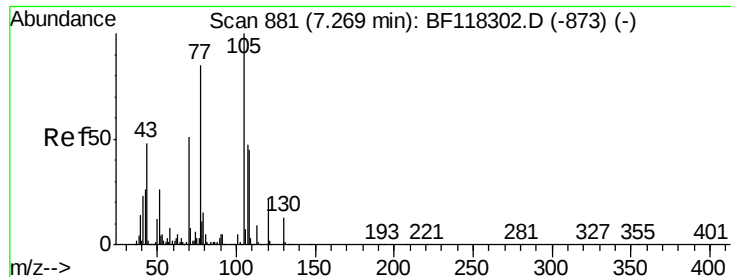
Tgt Ion:107 Resp: 207764
Ion Ratio Lower Upper
107 100
108 114.2 89.7 134.5
77 57.2 37.2 55.8#
79 54.9 36.7 55.1



#18
Hexachloroethane
Concen: 44.239 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:117 Resp: 102424
Ion Ratio Lower Upper
117 100
119 95.2 78.0 117.0
201 93.8 76.2 114.2

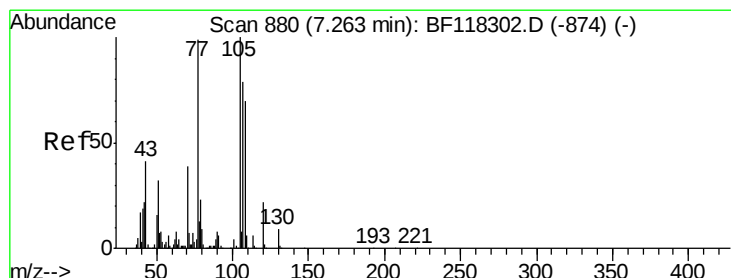
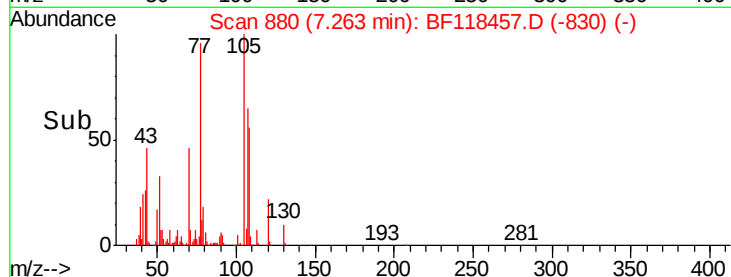
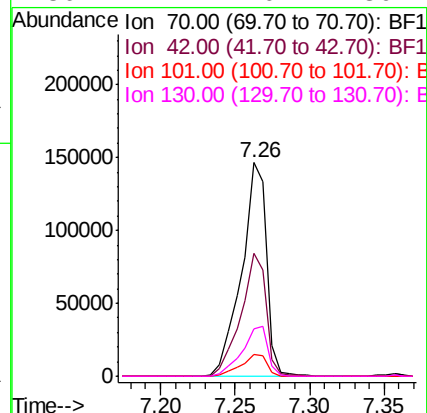
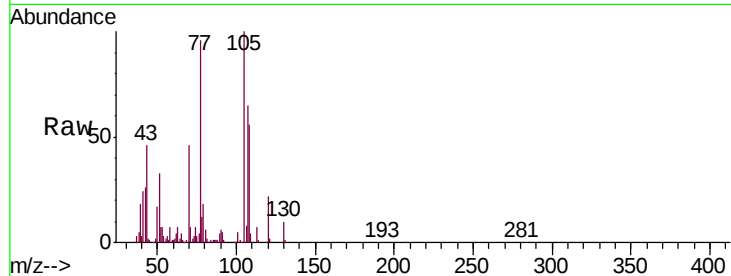




#19
n-Nitroso-di-n-propylamine
Concen: 47.129 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

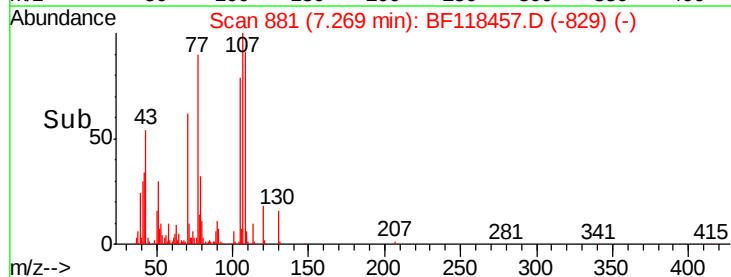
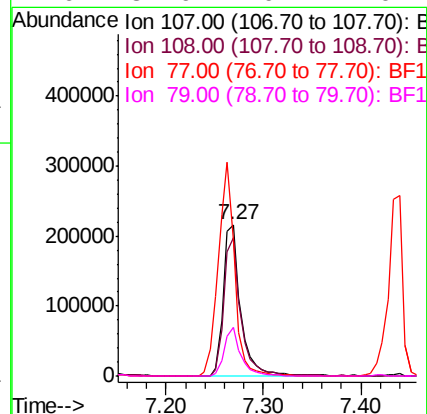
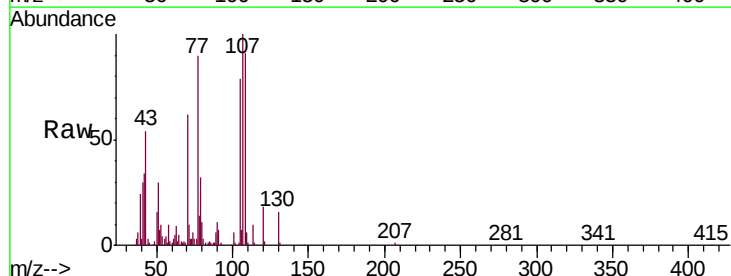
Instrument :
BNA_F
ClientSampleId :
PB125821BS

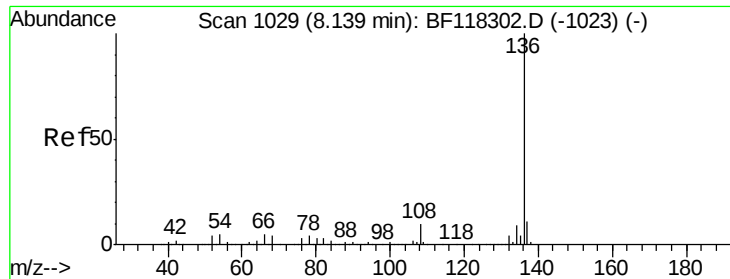
Tgt Ion:	70	Resp:	171491
Ion	Ratio	Lower	Upper
70	100		
42	57.6	41.1	61.7
101	10.1	8.3	12.5
130	22.2	20.1	30.1



#20
3+4-Methylphenols
Concen: 47.573 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:	107	Resp:	263351
Ion	Ratio	Lower	Upper
107	100		
108	91.4	69.3	109.3
77	89.6	105.9	145.9#
79	31.9	9.2	49.2

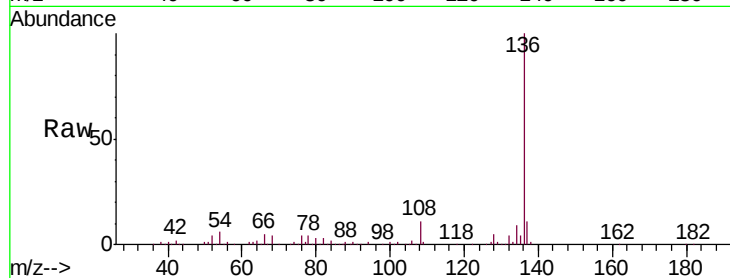




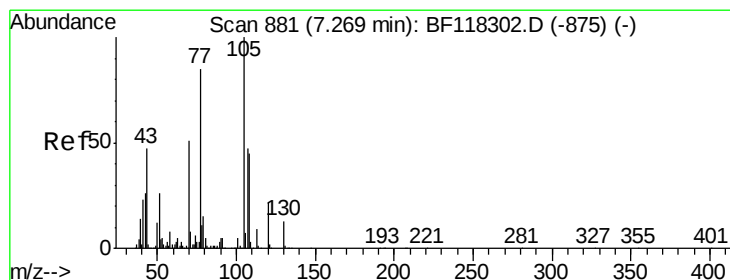
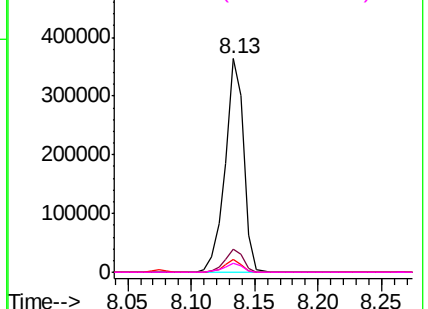
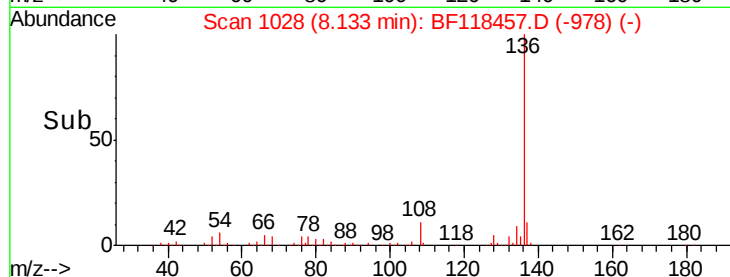
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:	136	Resp:	365936
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.8	4.2	6.4
68	4.5	3.5	5.3

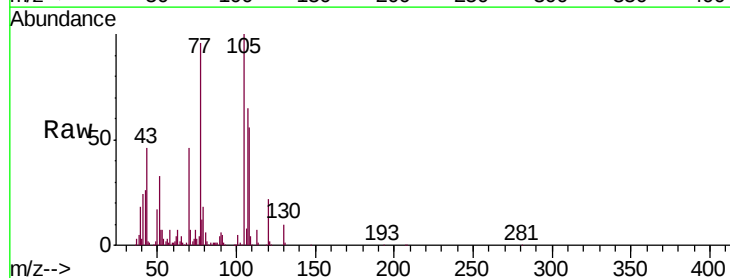


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

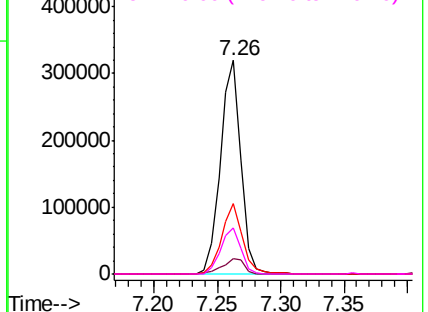
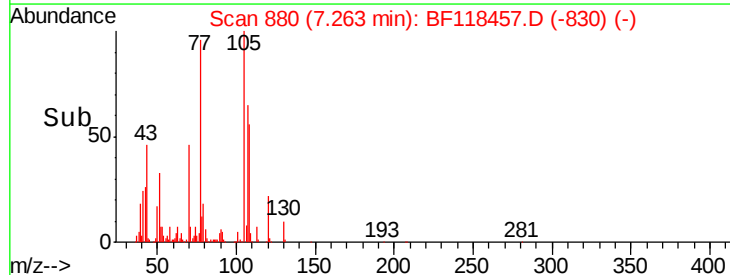


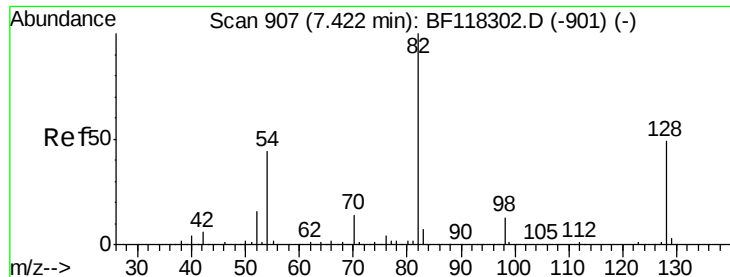
#22
Acetophenone
Concen: 39.892 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:	105	Resp:	357782
Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.6	9.8
51	32.9	20.6	30.8#
120	21.6	18.0	27.0



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

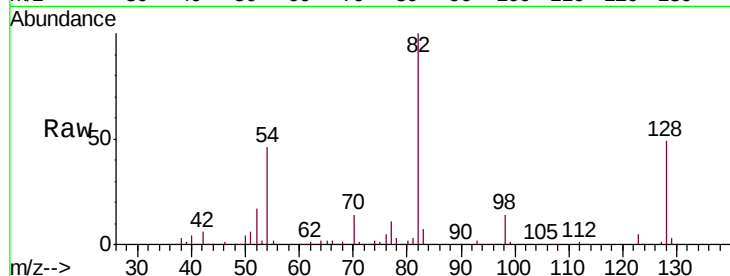




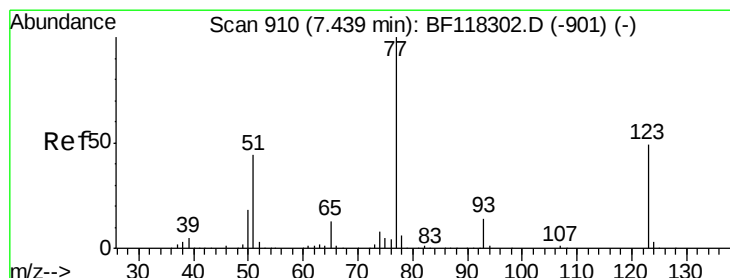
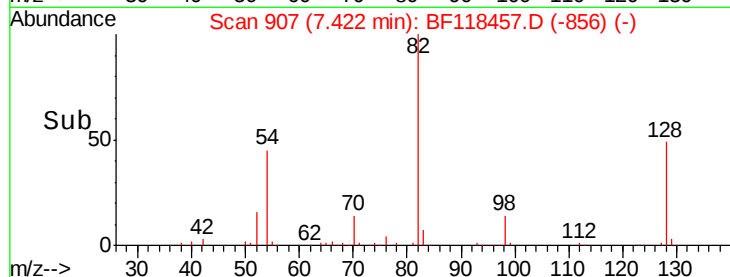
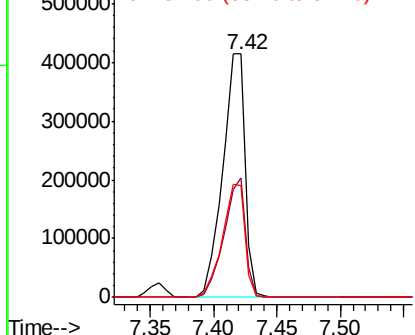
#23
 Nitrobenzene-d5
 Concen: 79.571 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tgt Ion: 82 Resp: 509101
 Ion Ratio Lower Upper
 82 100
 128 49.1 39.6 59.4
 54 45.8 34.9 52.3

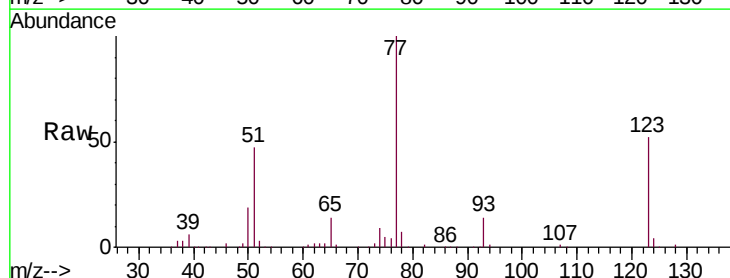


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

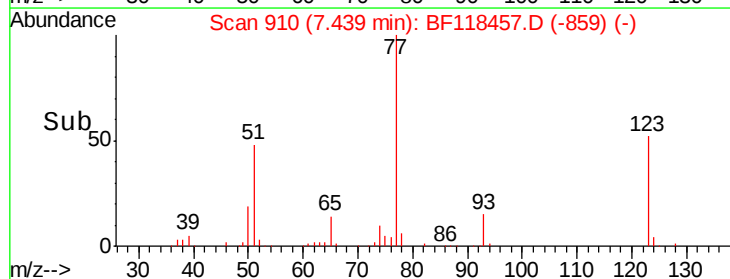
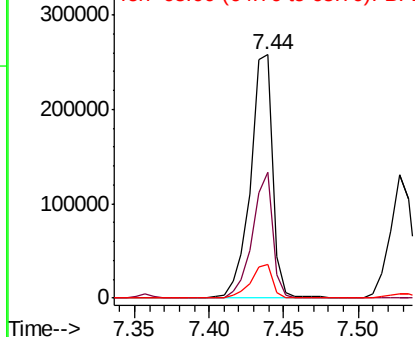


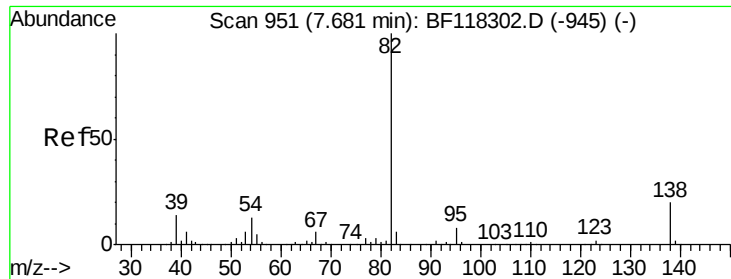
#24
 Nitrobenzene
 Concen: 40.829 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion: 77 Resp: 261680
 Ion Ratio Lower Upper
 77 100
 123 51.8 39.1 58.7
 65 13.6 10.6 16.0



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: 41.686 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB125821BS

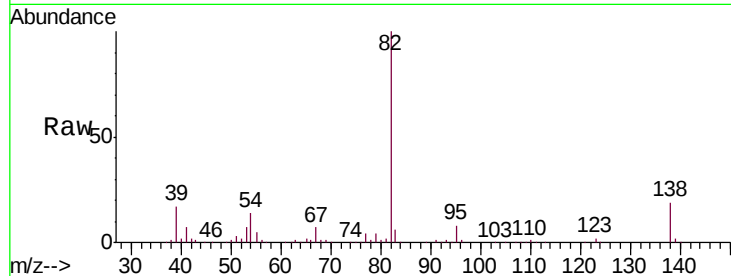
Tgt Ion: 82 Resp: 464811

Ion Ratio Lower Upper

82 100

95 8.3 6.3 9.5

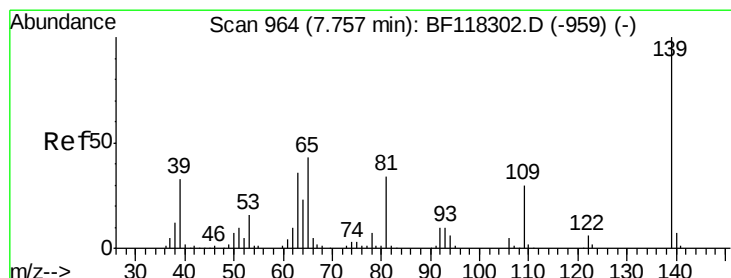
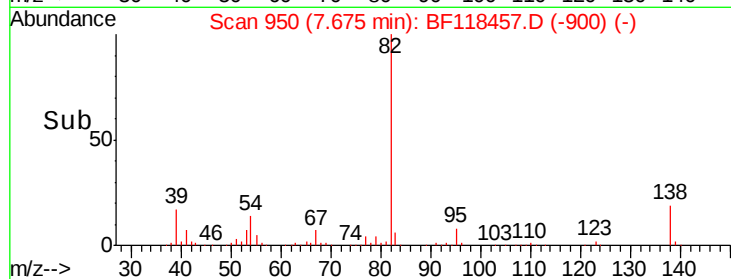
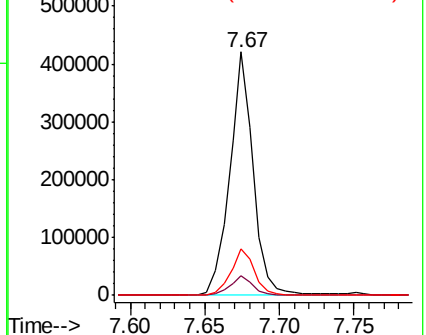
138 19.1 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.595 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

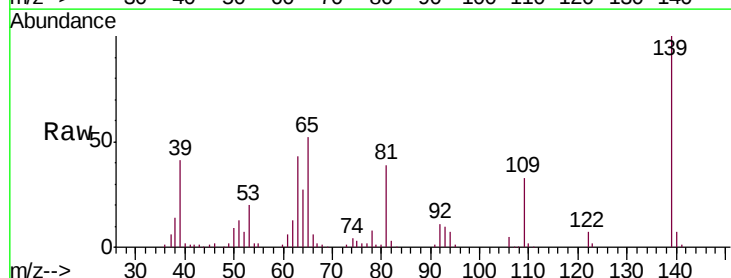
Tgt Ion: 139 Resp: 141203

Ion Ratio Lower Upper

139 100

109 32.6 24.1 36.1

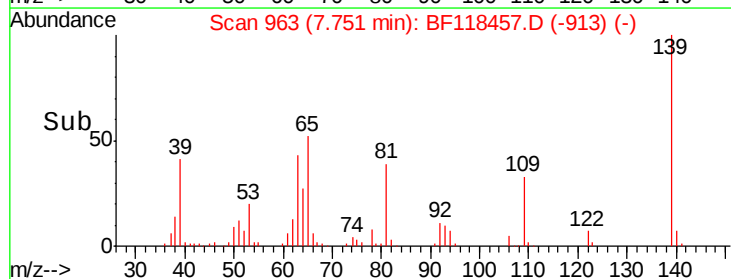
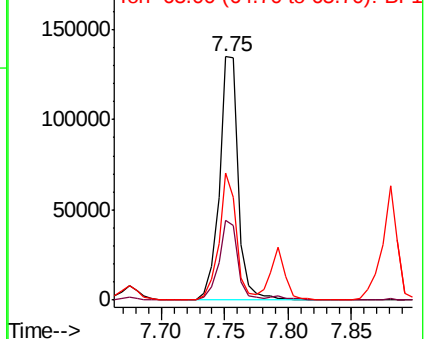
65 52.0 34.6 52.0#

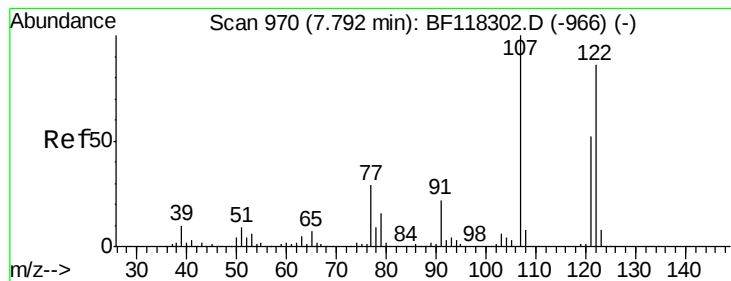


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.373 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB125821BS

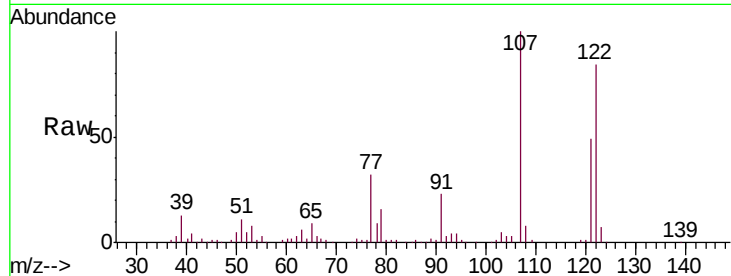
Tgt Ion:122 Resp: 219417

Ion Ratio Lower Upper

122 100

107 118.4 92.9 139.3

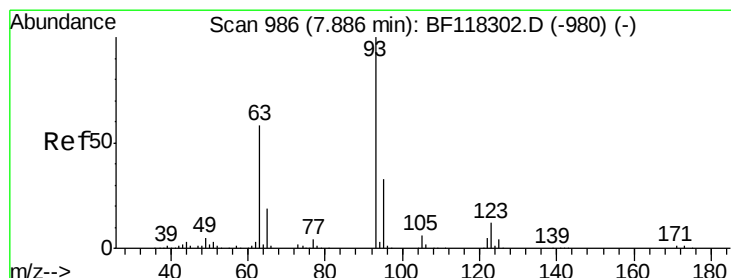
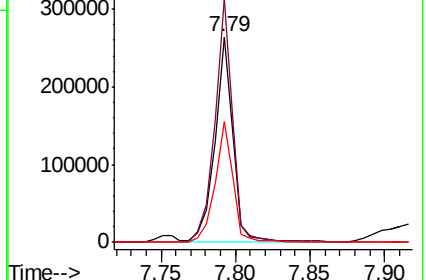
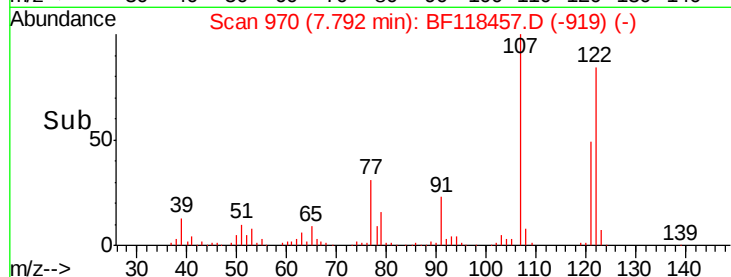
121 58.5 47.9 71.9



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: 39.364 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

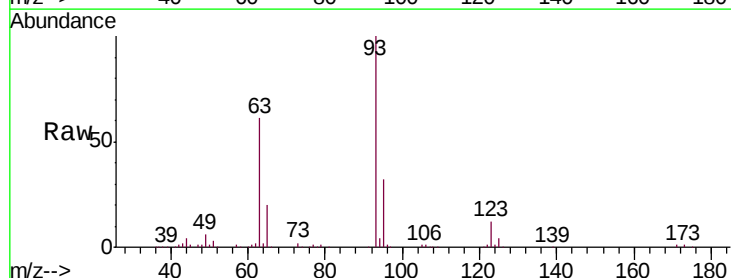
Tgt Ion: 93 Resp: 287056

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

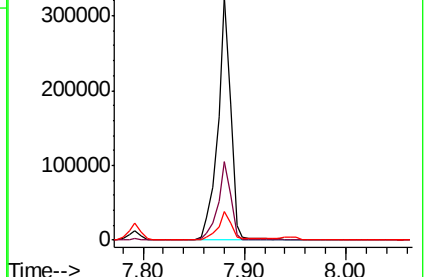
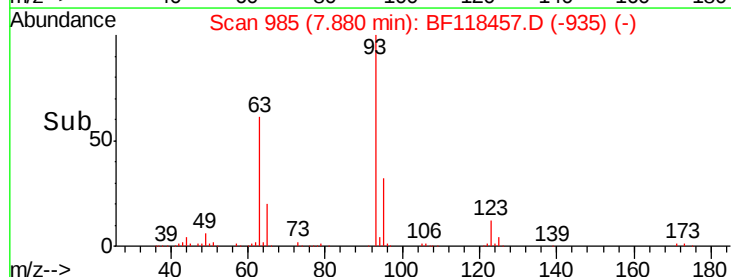
123 11.6 9.8 14.8

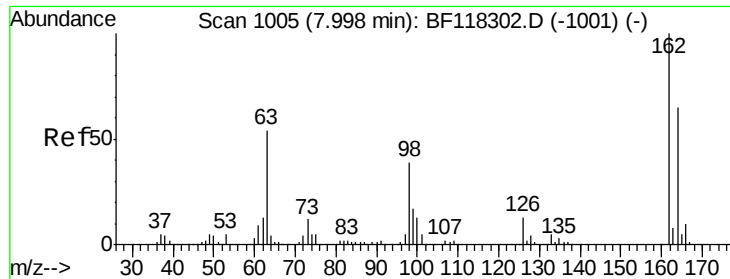


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

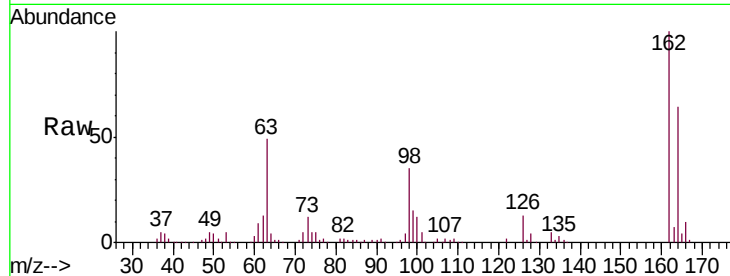




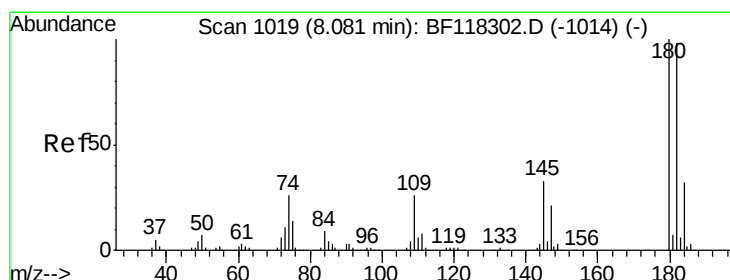
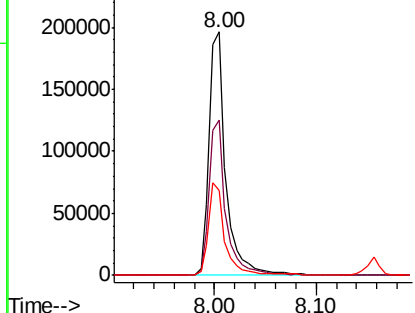
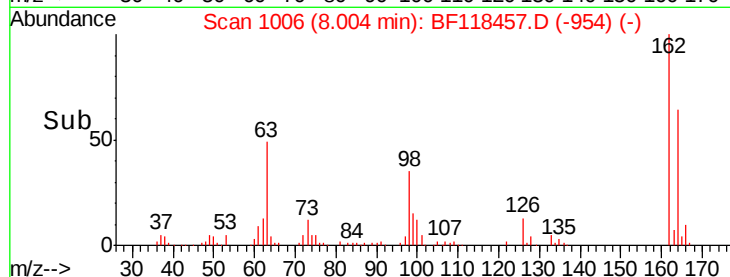
#29
2,4-Dichlorophenol
Concen: 42.342 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampled :
PB125821BS

Tgt Ion:162 Resp: 225730
Ion Ratio Lower Upper
162 100
164 63.6 45.1 85.1
98 34.7 18.6 58.6

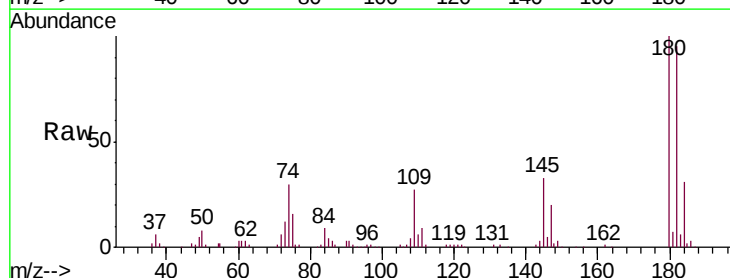


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

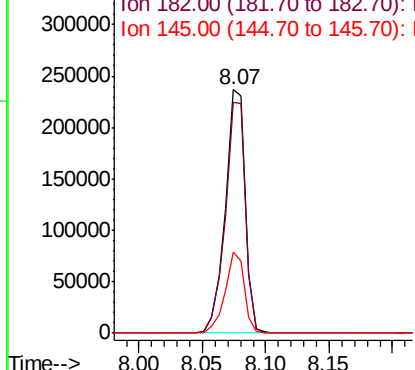
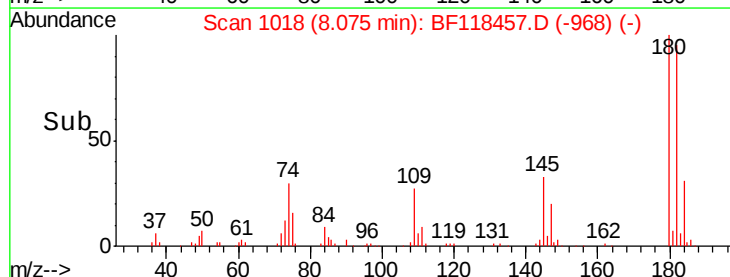


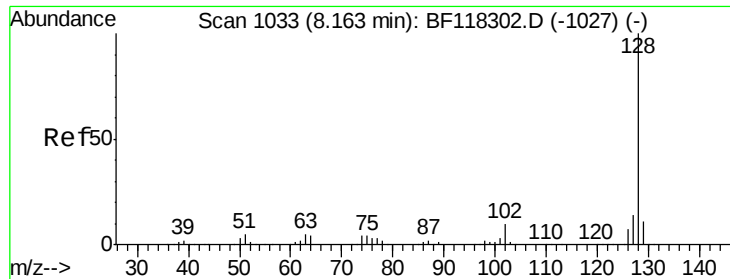
#30
1,2,4-Trichlorobenzene
Concen: 41.470 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:180 Resp: 257531
Ion Ratio Lower Upper
180 100
182 95.0 78.3 117.5
145 33.3 26.7 40.1



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

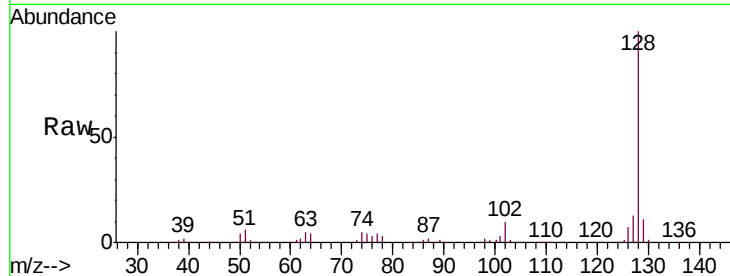




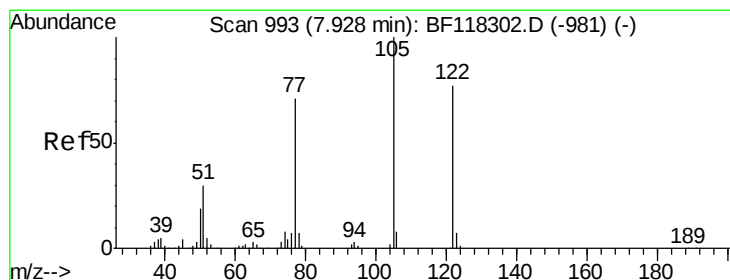
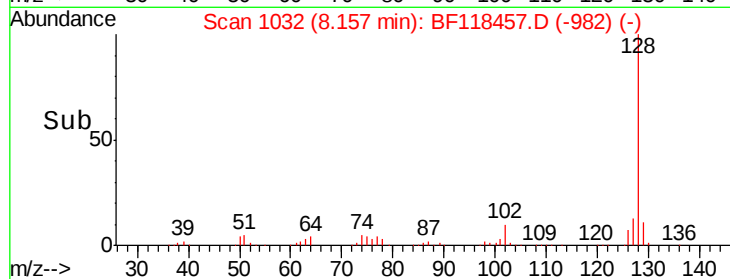
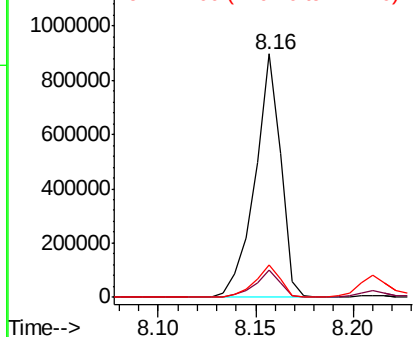
#31
Naphthalene
Concen: 44.023 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:128 Resp: 818789
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.5 11.0 16.4

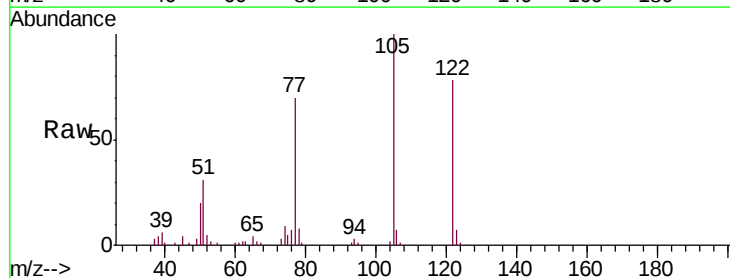


Abundance Ion 128.00 (127.70 to 128.70): E
1200000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

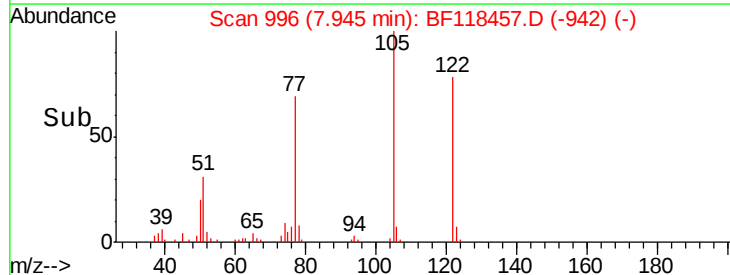
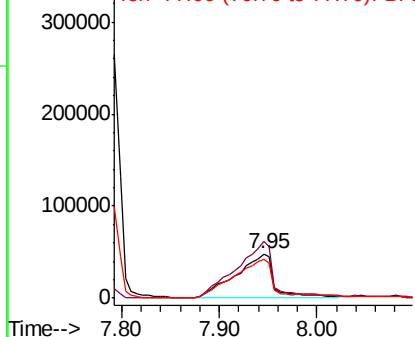


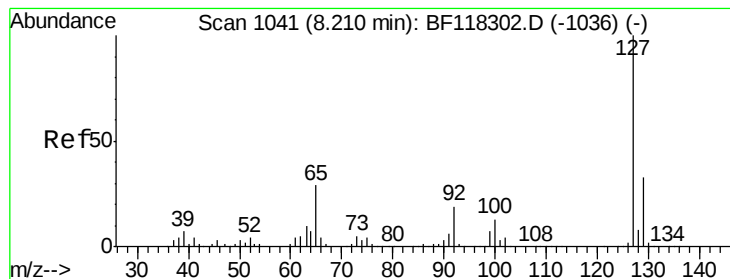
#32
Benzoic acid
Concen: 34.921 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:122 Resp: 129720
Ion Ratio Lower Upper
122 100
105 127.6 106.8 146.8
77 89.3 70.4 110.4



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: 13.206 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB125821BS

Tgt Ion:127 Resp: 105299

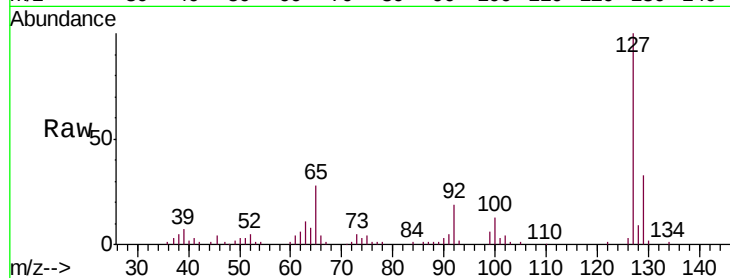
Ion Ratio Lower Upper

127 100

129 32.7 26.5 39.7

65 28.0 22.8 34.2

92 19.0 15.5 23.3

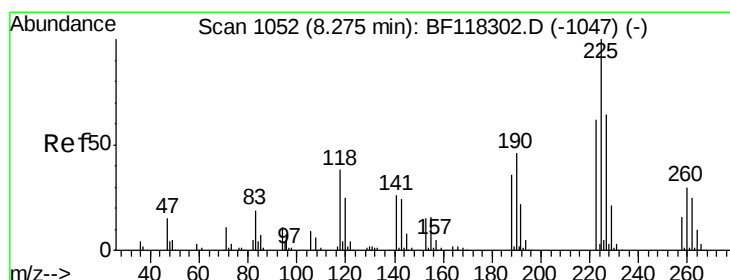
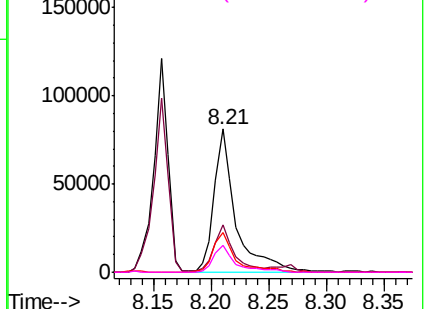
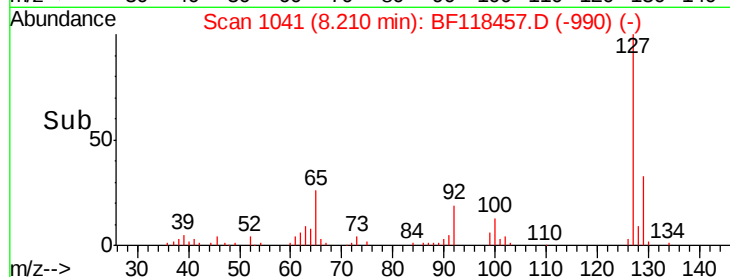


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.989 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

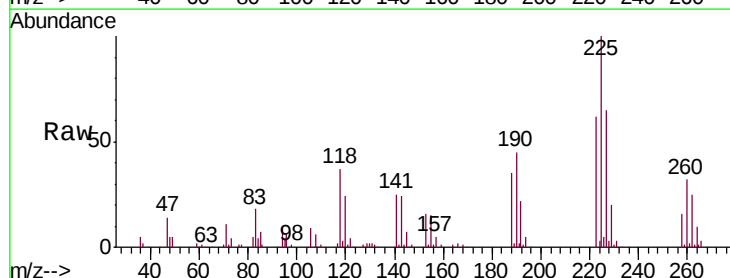
Tgt Ion:225 Resp: 151523

Ion Ratio Lower Upper

225 100

223 62.2 49.5 74.3

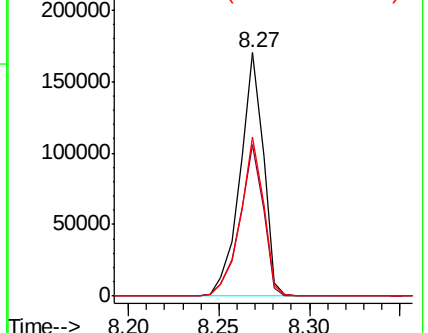
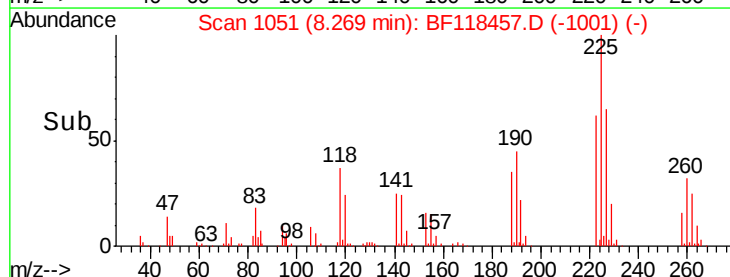
227 65.2 51.0 76.4

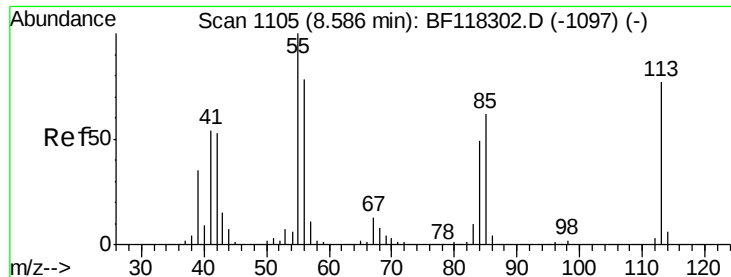


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

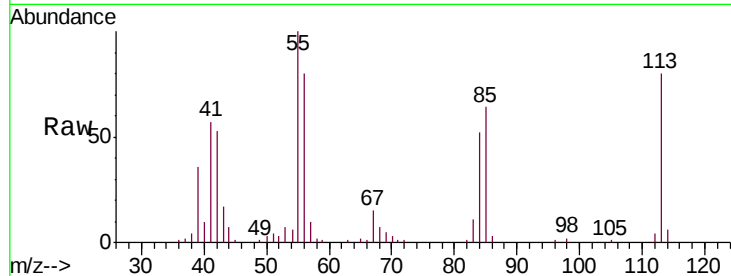




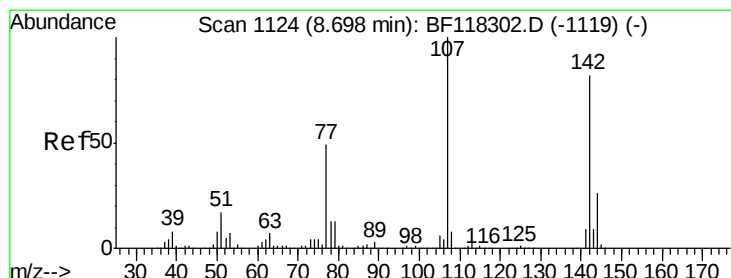
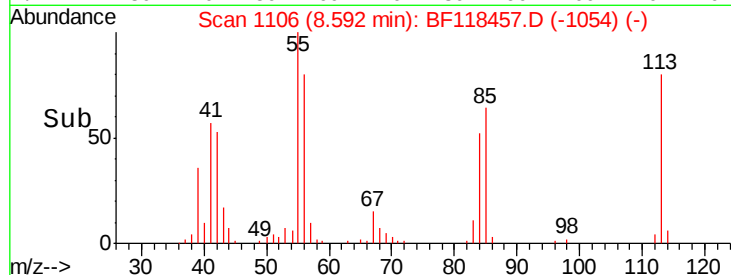
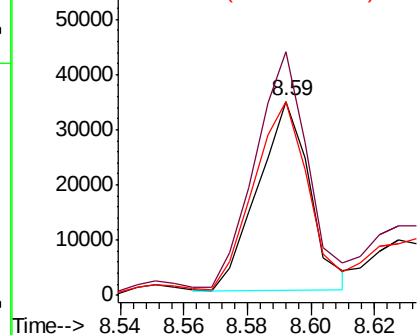
#35
 Caprolactam
 Concen: 23.311 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tgt Ion:113 Resp: 38798
 Ion Ratio Lower Upper
 113 100
 55 125.5 109.8 149.8
 56 100.1 81.7 121.7

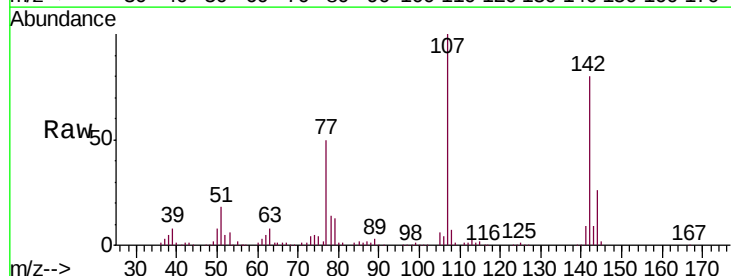


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

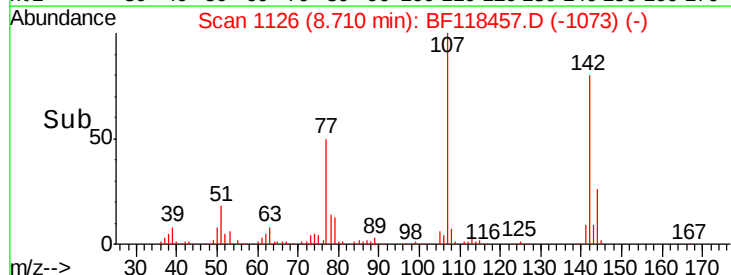
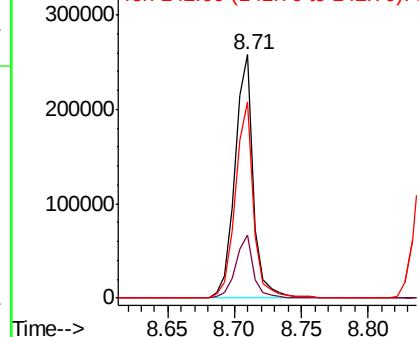


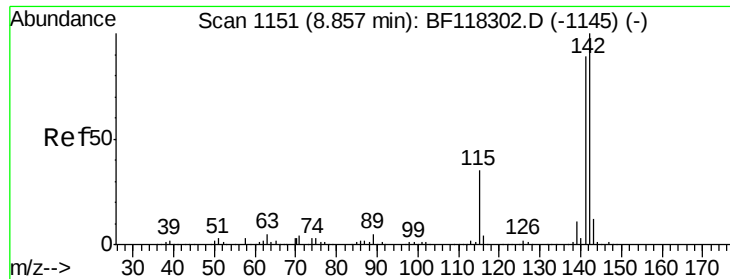
#36
 4-Chloro-3-methylphenol
 Concen: 44.210 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion:107 Resp: 253046
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.2 31.8
 142 80.4 65.4 98.2



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

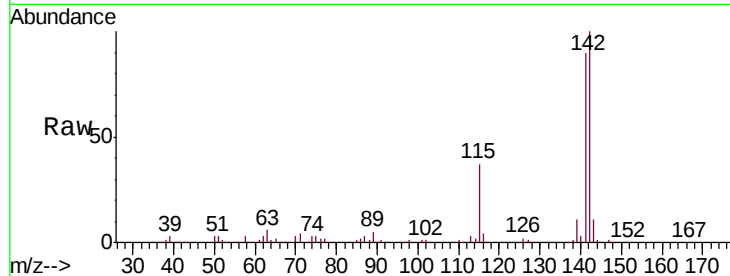




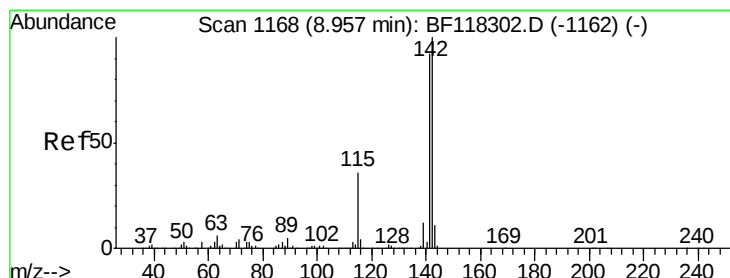
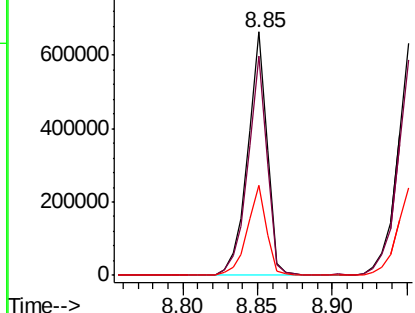
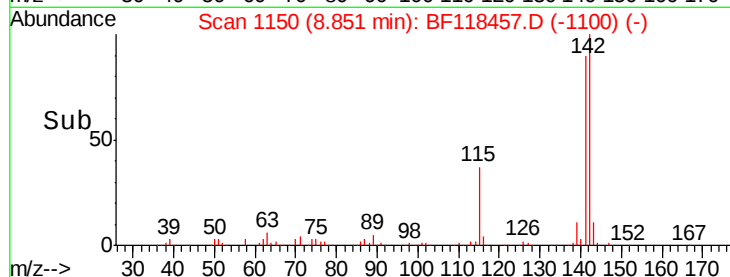
#37
 2-Methylnaphthalene
 Concen: 46.679 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tgt Ion:142 Resp: 594420
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.2 106.8
 115 36.8 28.0 42.0

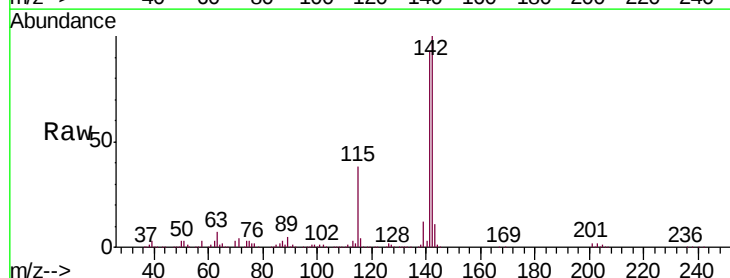


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

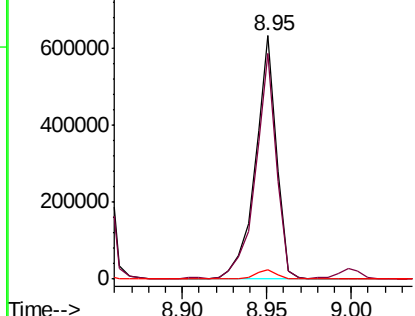
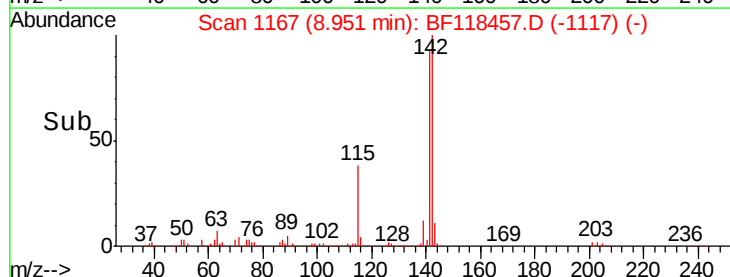


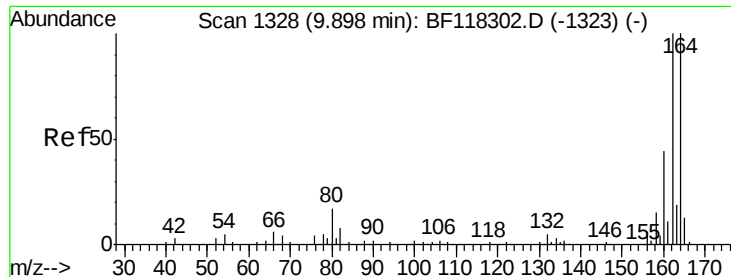
#38
 1-Methylnaphthalene
 Concen: 45.735 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion:142 Resp: 548698
 Ion Ratio Lower Upper
 142 100
 141 92.9 73.4 110.2
 116 4.0 2.9 4.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB125821BS

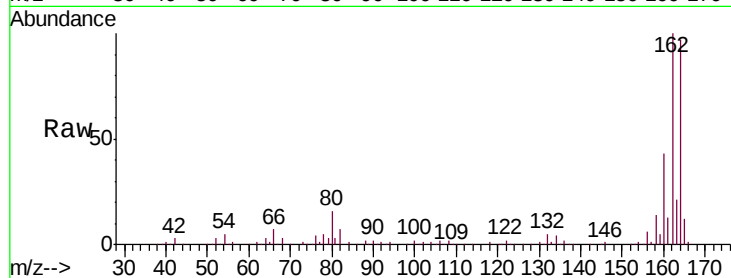
Tgt Ion:164 Resp: 196141

Ion Ratio Lower Upper

164 100

162 102.9 80.0 120.0

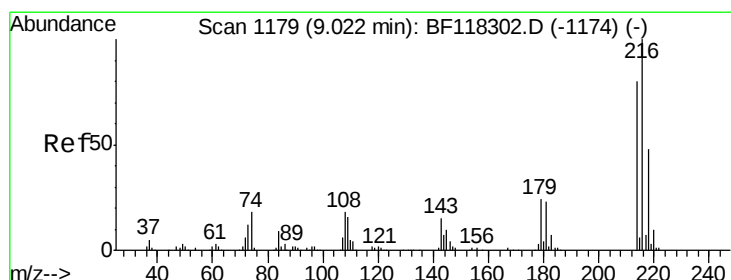
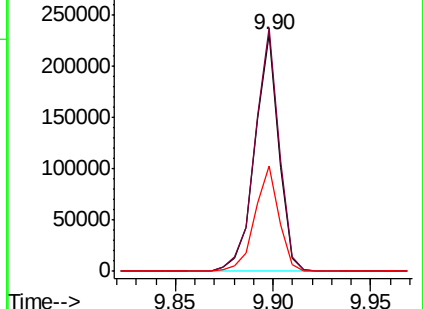
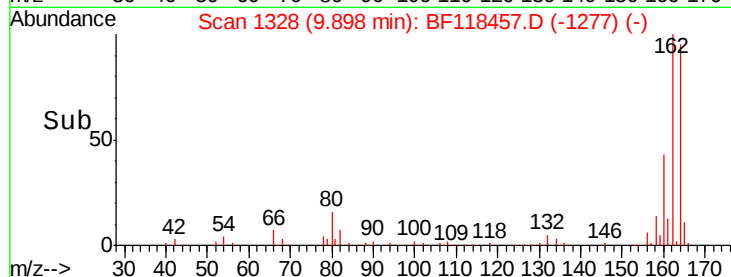
160 44.3 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.374 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Tgt Ion:216 Resp: 243827

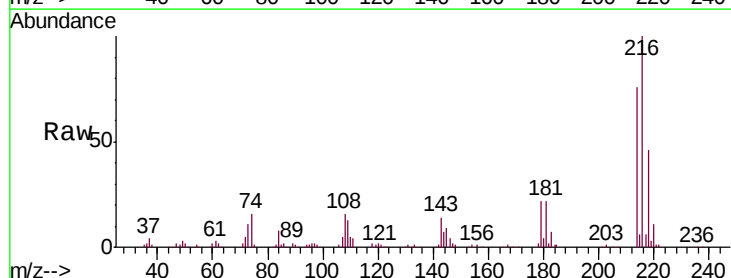
Ion Ratio Lower Upper

216 100

214 78.0 63.3 94.9

179 23.3 18.9 28.3

108 20.7 15.0 22.6

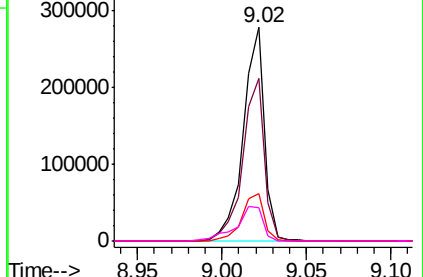
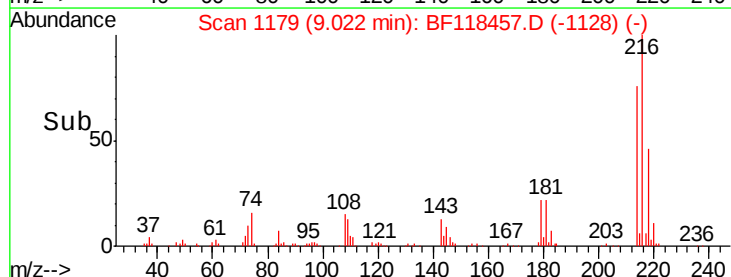


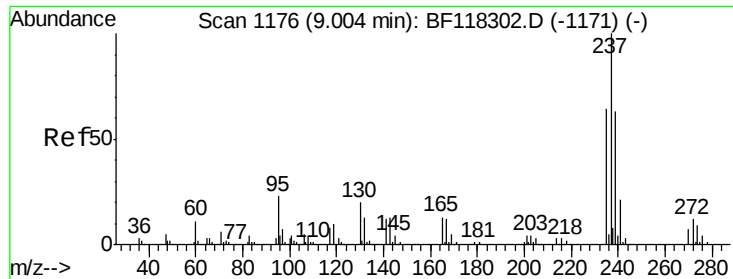
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

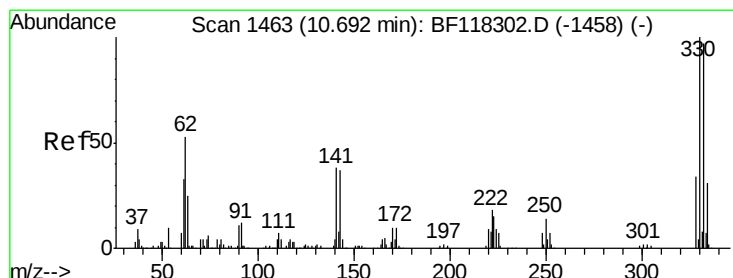
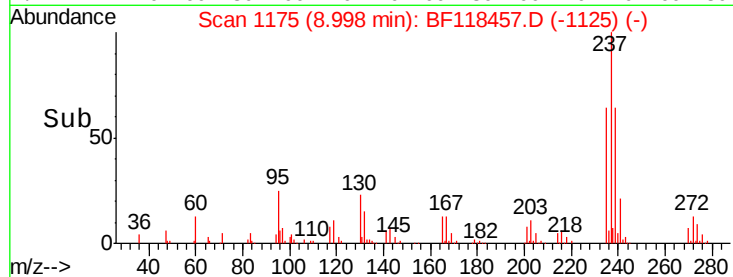
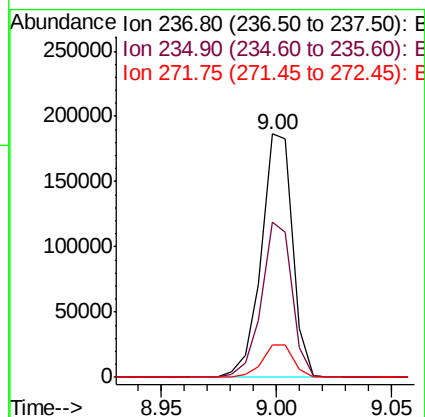
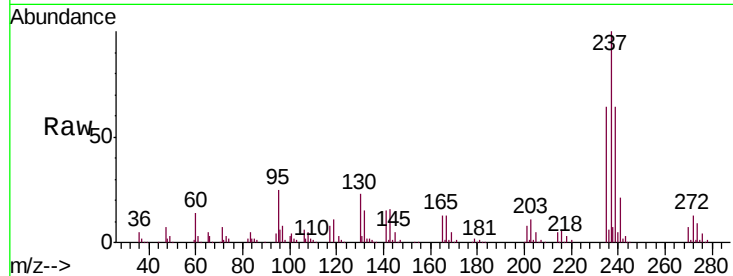




#41
Hexachlorocyclopentadiene
Concen: 72.270 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

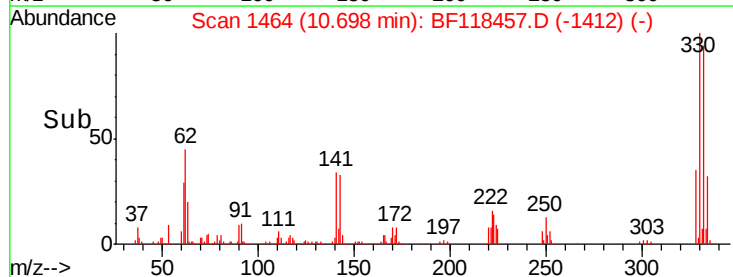
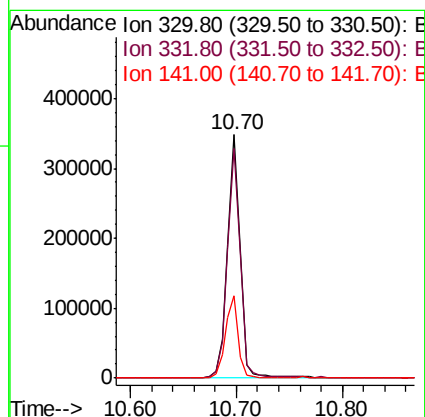
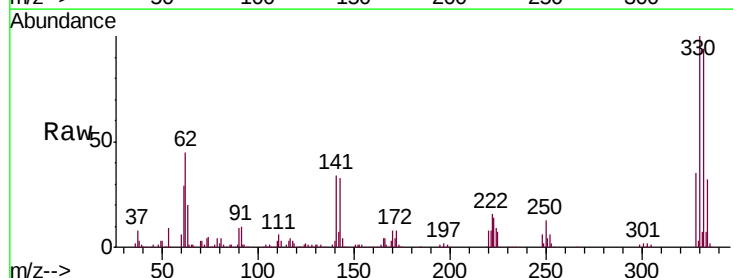
Instrument :
BNA_F
ClientSampleId :
PB125821BS

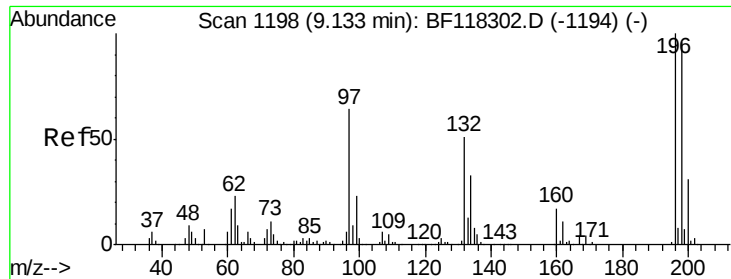
Tgt Ion:	237	Resp:	176906
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.8	83.8
272	13.2	0.0	31.7



#42
2,4,6-Tribromophenol
Concen: 123.355 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:	330	Resp:	298790
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.6	114.8
141	34.4	26.0	39.0

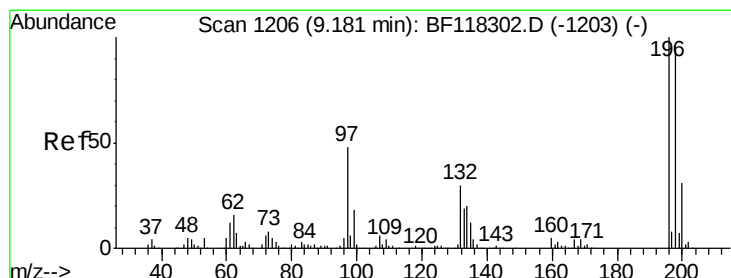
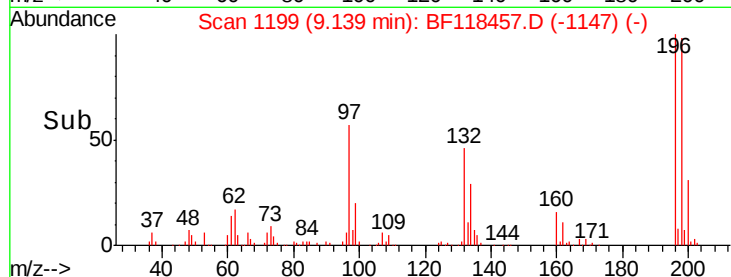
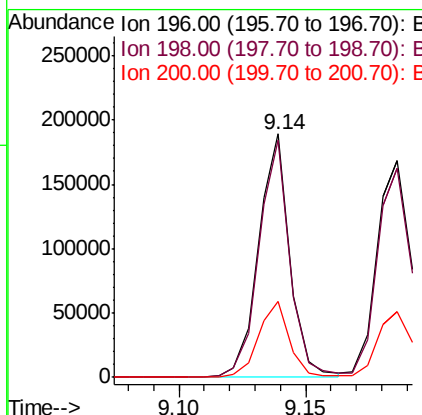
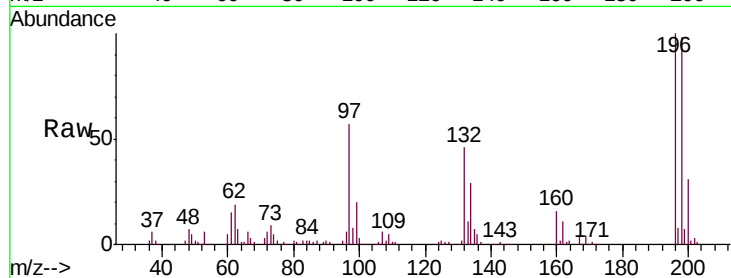




#43
 2,4,6-Trichlorophenol
 Concen: 41.097 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

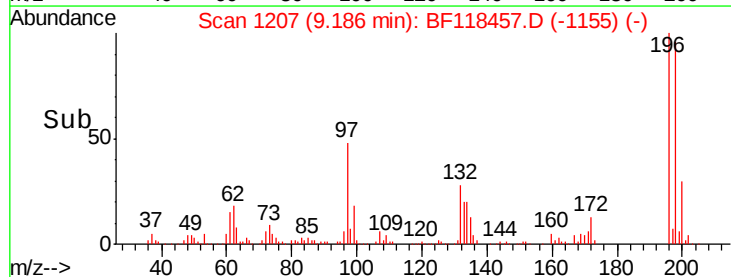
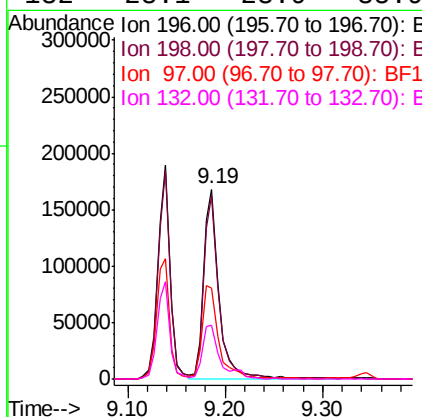
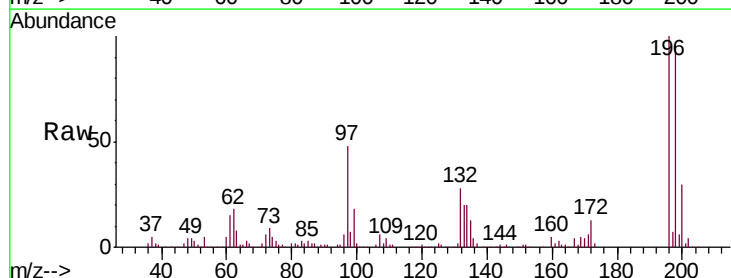
Instrument :
 BNA_F
 ClientSampleID :
 PB125821BS

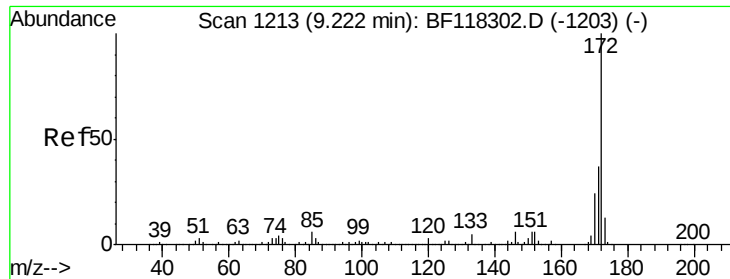
Tgt Ion:196 Resp: 161803
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.7 115.1
 200 31.0 24.8 37.2



#44
 2,4,5-Trichlorophenol
 Concen: 45.276 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion:196 Resp: 183370
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.0 115.4
 97 47.7 38.9 58.3
 132 28.1 23.9 35.9

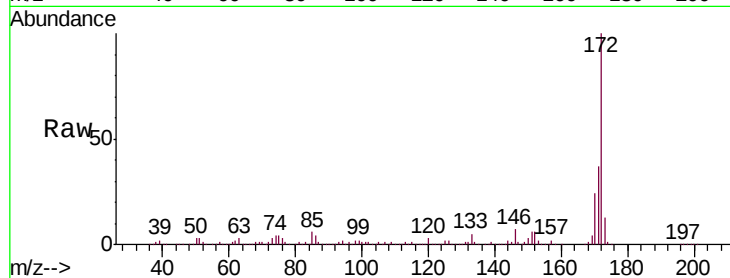




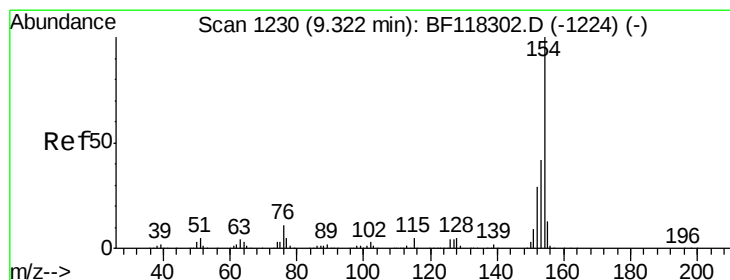
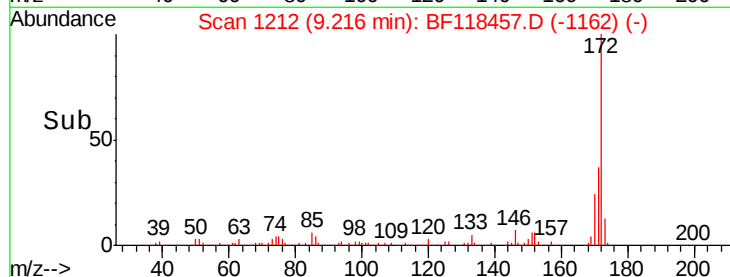
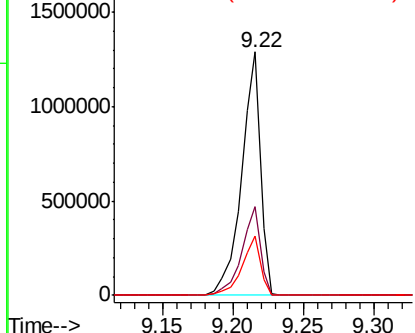
#45
 2-Fluorobiphenyl
 Concen: 93.294 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tgt Ion:172 Resp: 1198767
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.3 43.9
 170 24.2 19.2 28.8

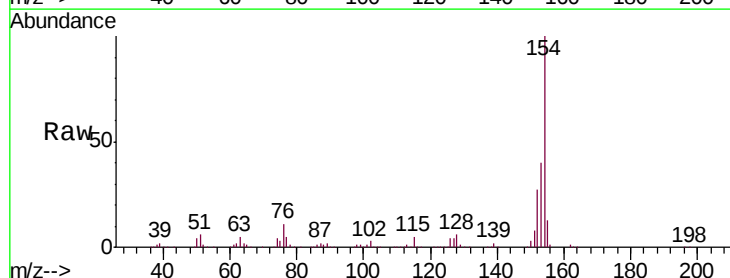


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

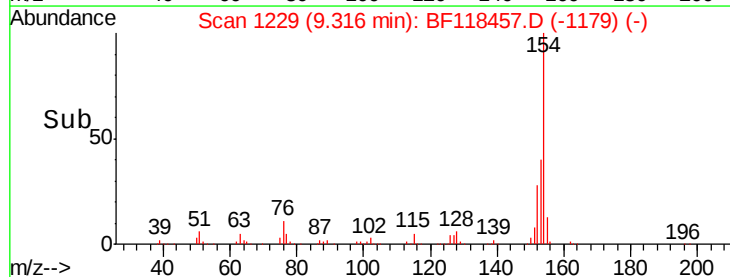
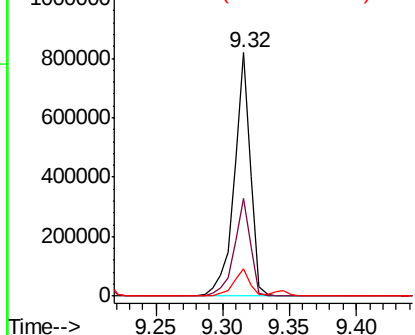


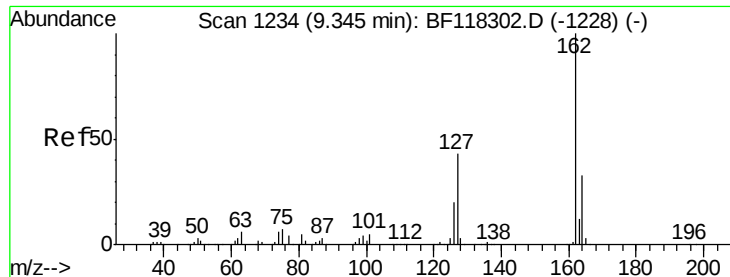
#46
 1,1'-Biphenyl
 Concen: 44.924 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion:154 Resp: 696928
 Ion Ratio Lower Upper
 154 100
 153 40.0 21.8 61.8
 76 11.4 0.0 30.9



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

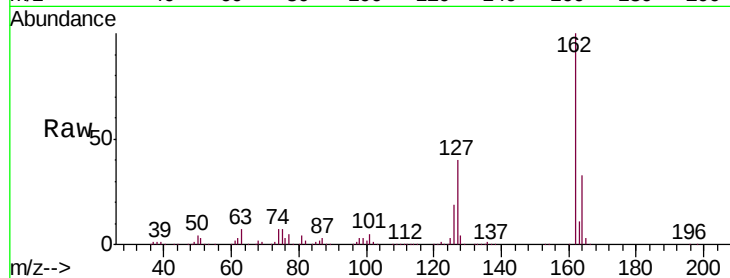




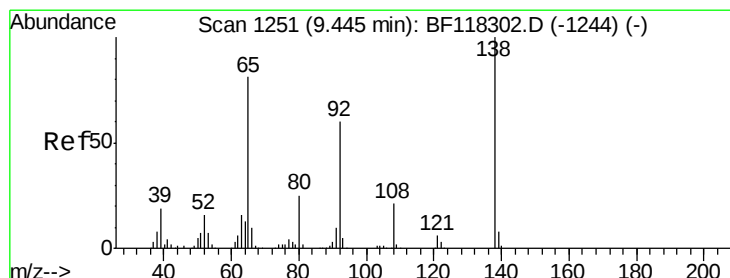
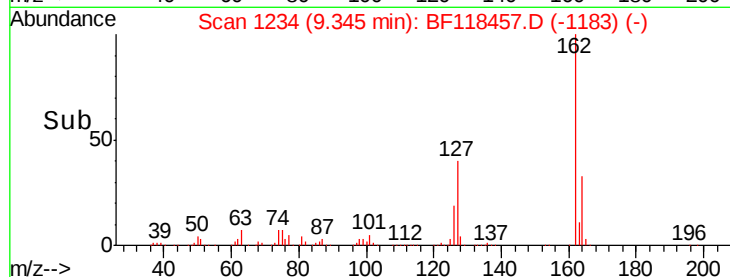
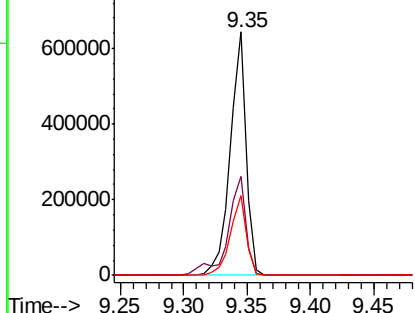
#47
 2-Chloronaphthalene
 Concen: 44.477 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tgt Ion:162 Resp: 555331
 Ion Ratio Lower Upper
 162 100
 127 40.4 35.0 52.4
 164 33.0 26.6 40.0

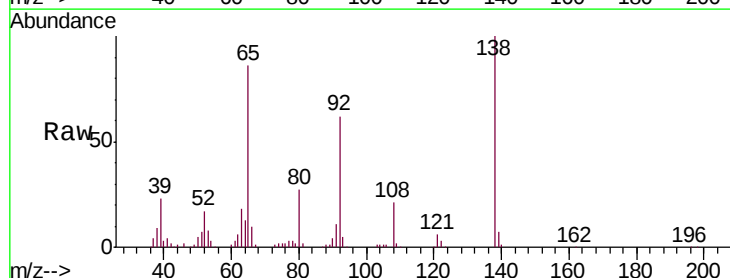


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

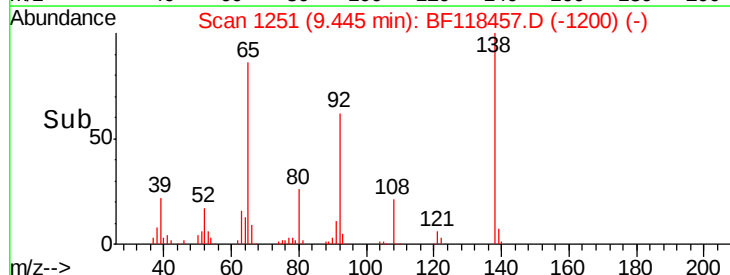
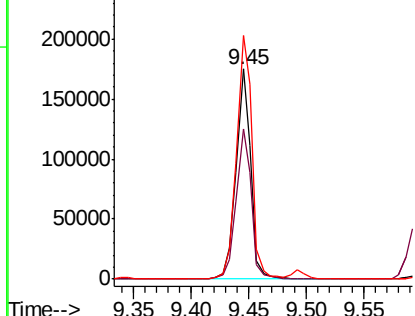


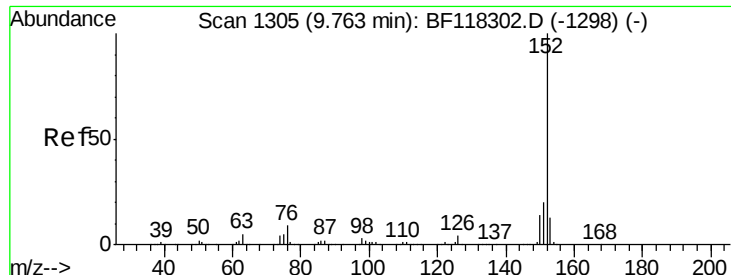
#48
 2-Nitroaniline
 Concen: 43.629 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion: 65 Resp: 153867
 Ion Ratio Lower Upper
 65 100
 92 71.4 58.7 88.1
 138 116.0 98.5 147.7



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: 46.345 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB125821BS

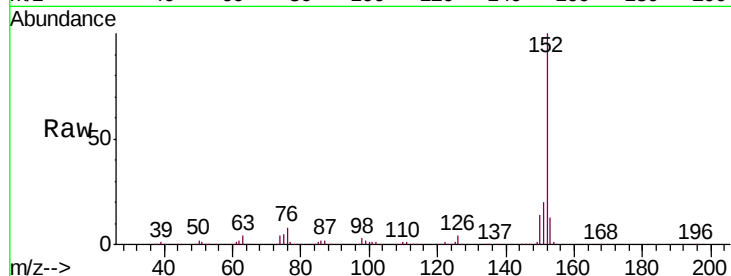
Tgt Ion:152 Resp: 858217

Ion Ratio Lower Upper

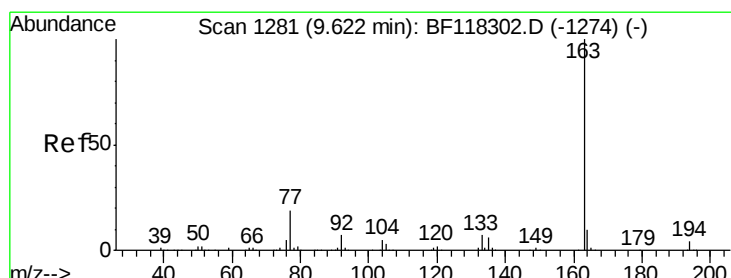
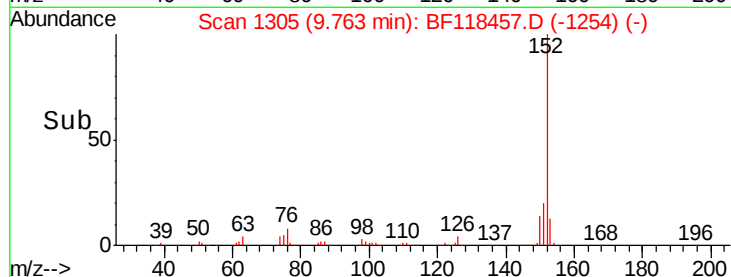
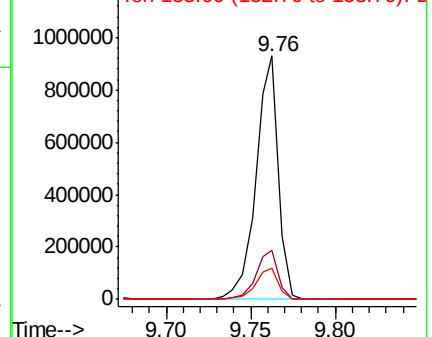
152 100

151 20.2 16.2 24.2

153 12.8 10.5 15.7



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: 46.249 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

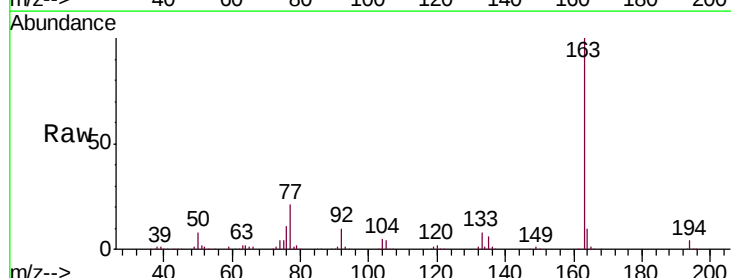
Tgt Ion:163 Resp: 680932

Ion Ratio Lower Upper

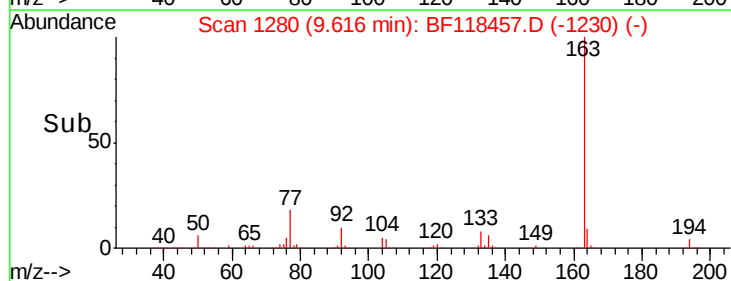
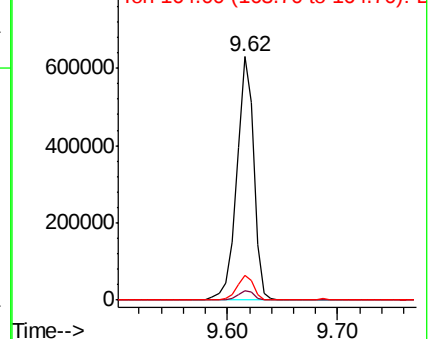
163 100

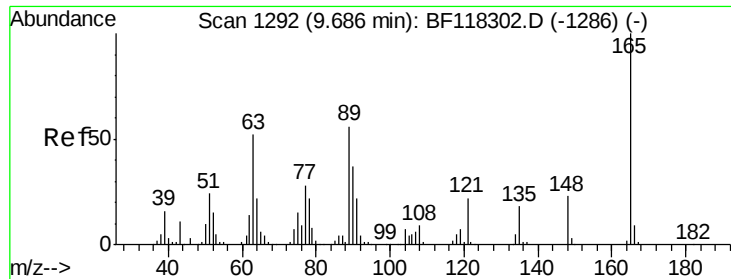
194 3.8 3.2 4.8

164 10.3 7.9 11.9



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

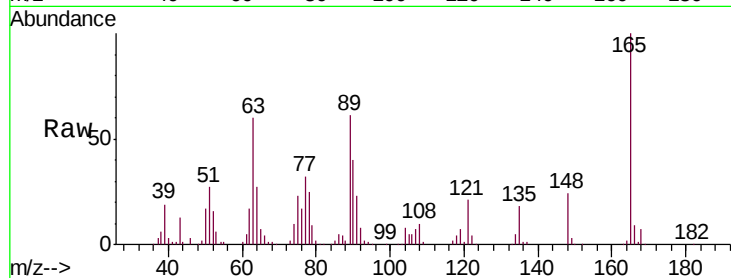




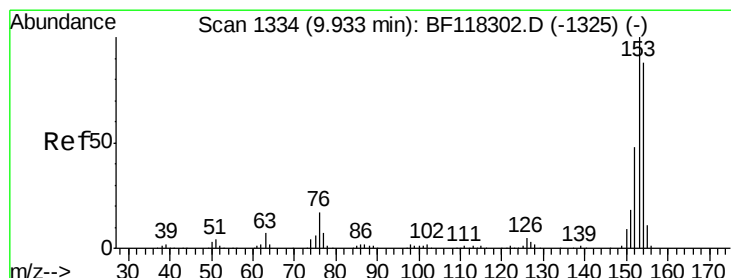
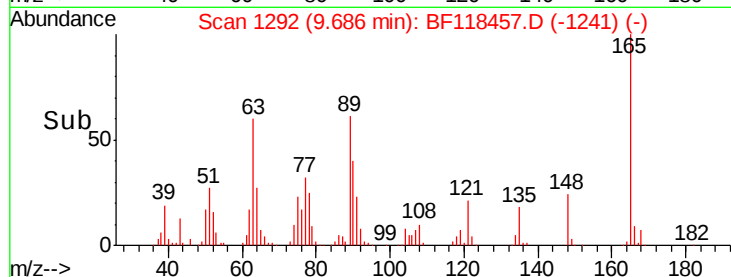
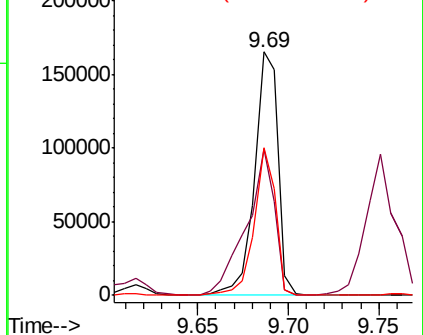
#51
2,6-Dinitrotoluene
Concen: 46.887 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:165 Resp: 148828
Ion Ratio Lower Upper
165 100
63 60.1 42.2 63.4
89 60.6 44.4 66.6

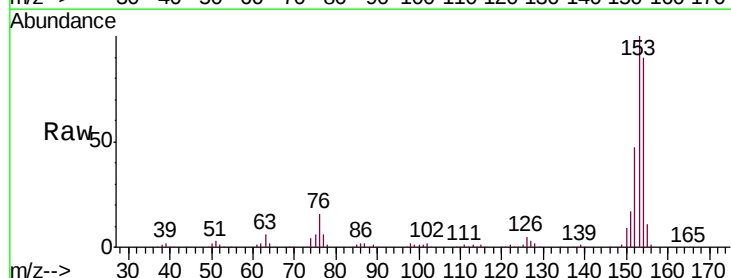


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

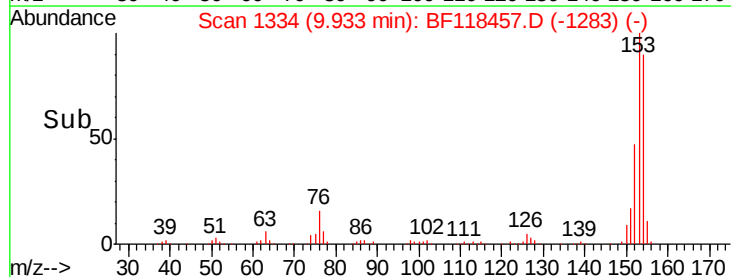
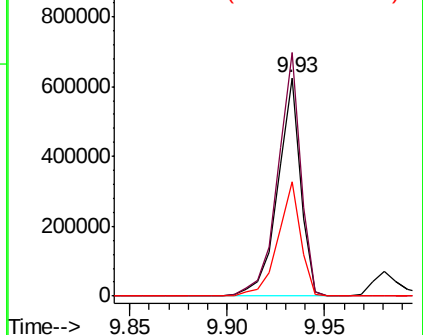


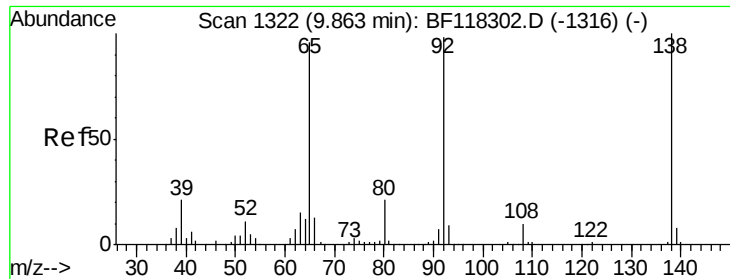
#52
Acenaphthene
Concen: 44.751 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:154 Resp: 504770
Ion Ratio Lower Upper
154 100
153 111.6 90.6 136.0
152 52.4 43.1 64.7



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

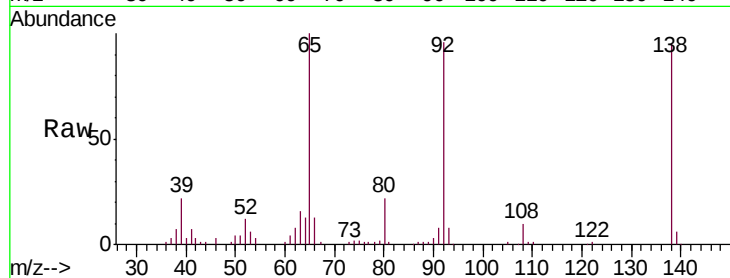




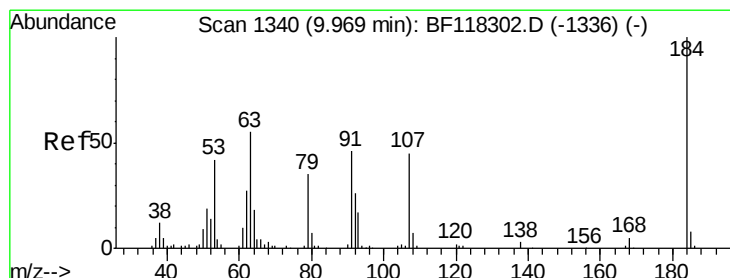
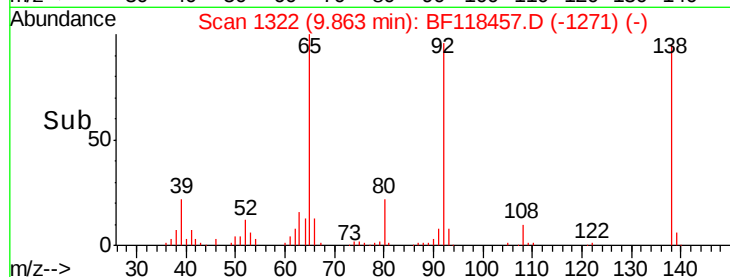
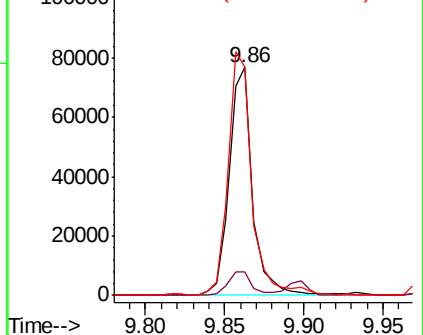
#53
 3-Nitroaniline
 Concen: 21.032 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tgt Ion:138 Resp: 78357
 Ion Ratio Lower Upper
 138 100
 108 10.1 7.8 11.8
 92 100.1 78.2 117.2

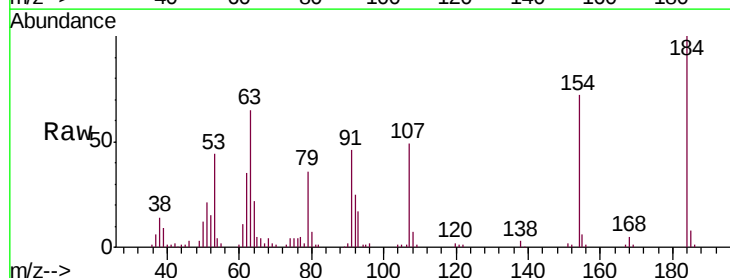


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

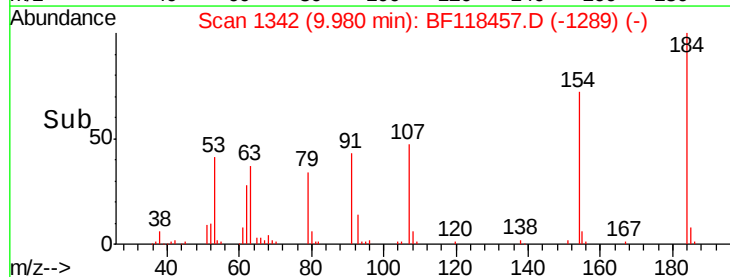
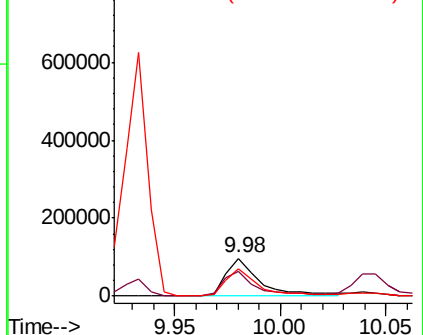


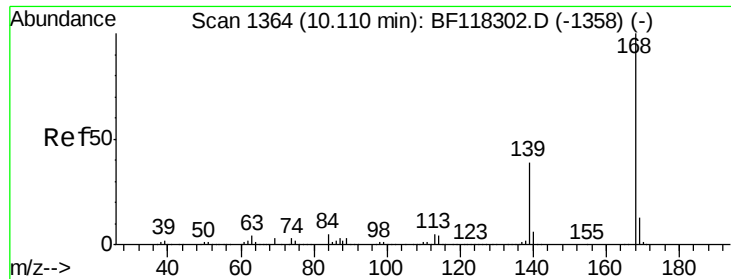
#54
 2,4-Dinitrophenol
 Concen: 68.519 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion:184 Resp: 108387
 Ion Ratio Lower Upper
 184 100
 63 65.2 48.8 73.2
 154 72.5 55.0 82.4



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

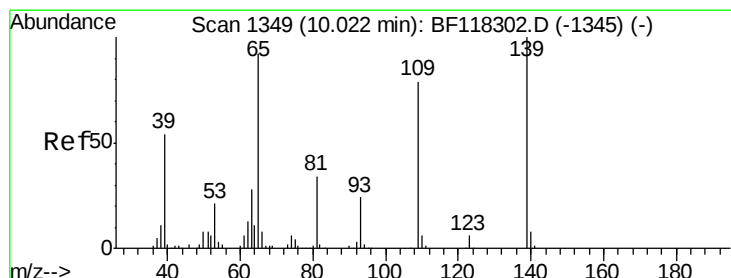
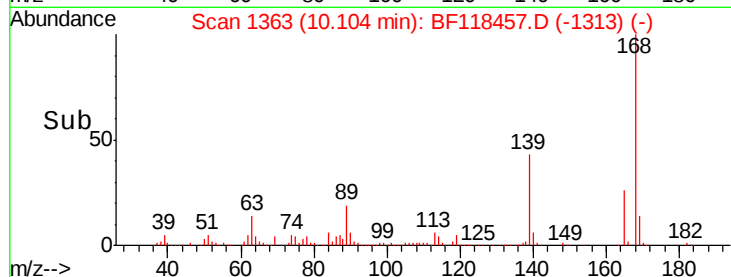
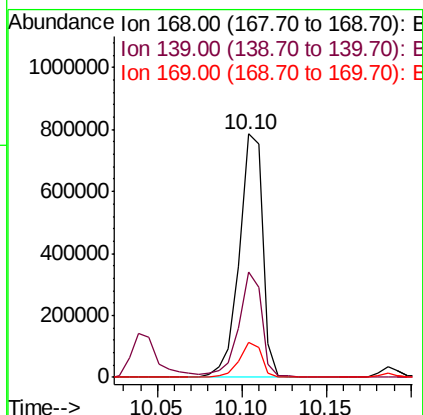
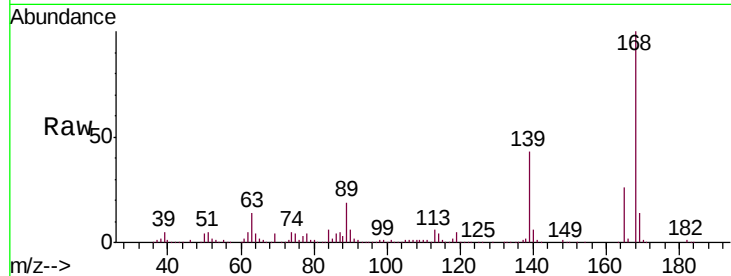




#55
Dibenzofuran
Concen: 45.772 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

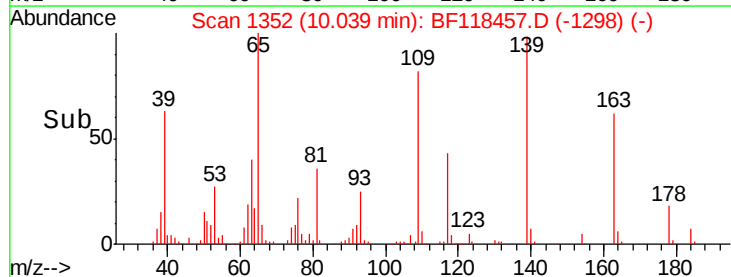
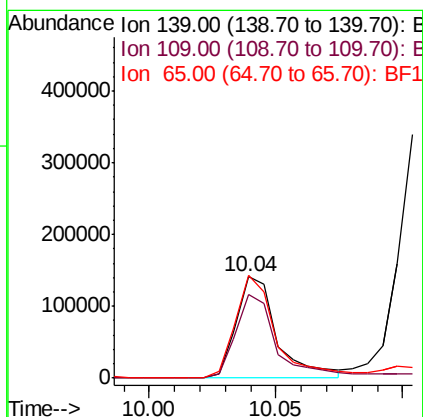
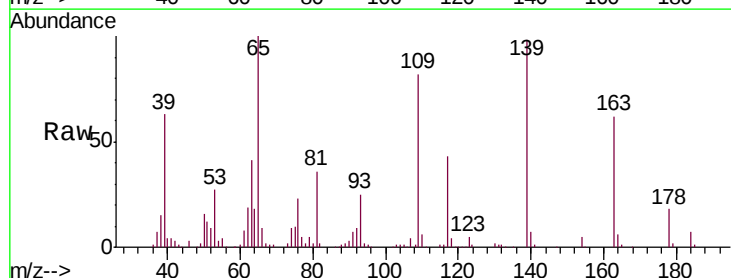
Instrument :
BNA_F
ClientSampleId :
PB125821BS

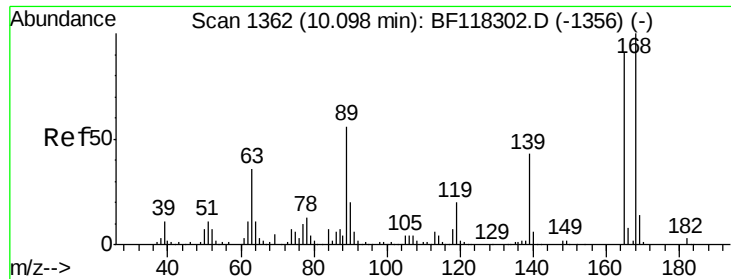
Tgt Ion:168 Resp: 762860
Ion Ratio Lower Upper
168 100
139 43.1 31.5 47.3
169 14.2 10.4 15.6



#56
4-Nitrophenol
Concen: 69.107 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:139 Resp: 158940
Ion Ratio Lower Upper
139 100
109 83.0 59.3 99.3
65 101.6 72.4 112.4

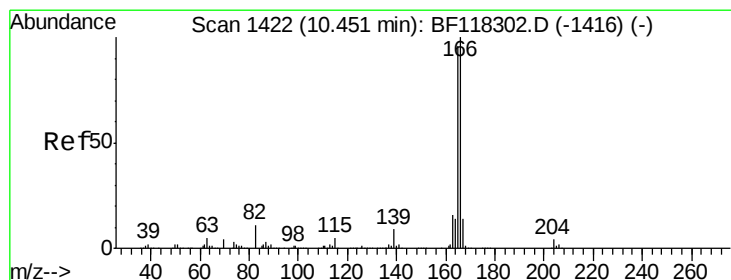
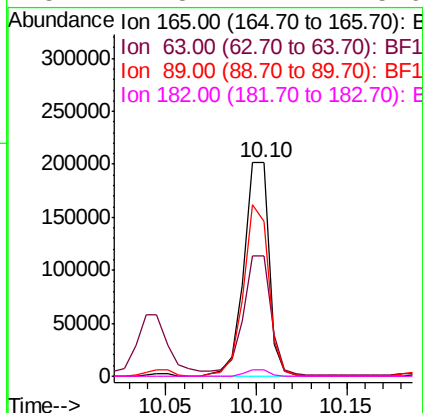
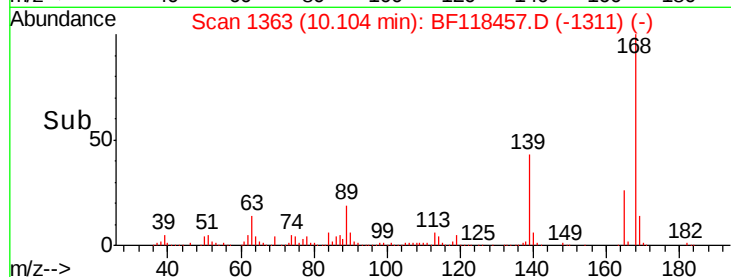
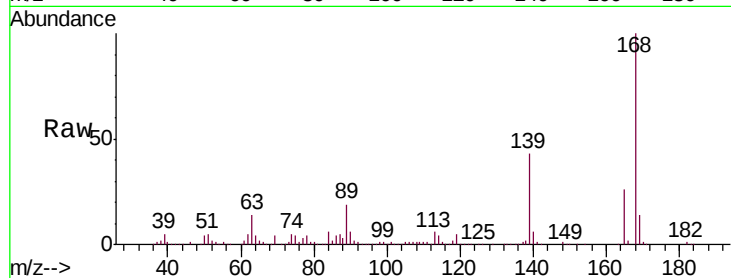




#57
2,4-Dinitrotoluene
Concen: 45.823 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

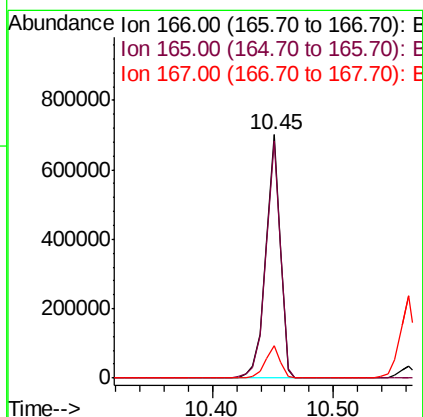
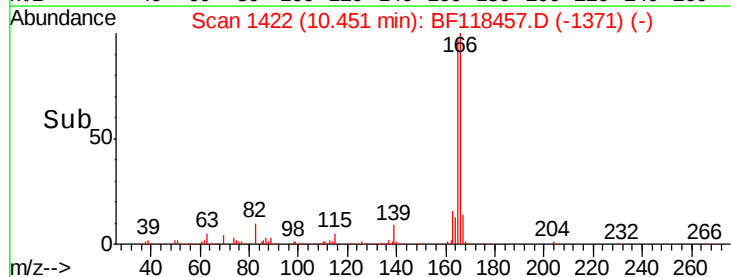
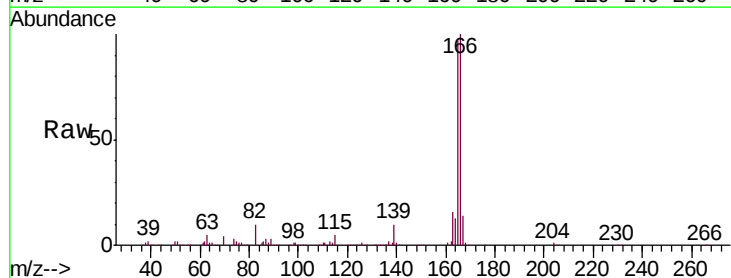
Instrument :
BNA_F
ClientSampleId :
PB125821BS

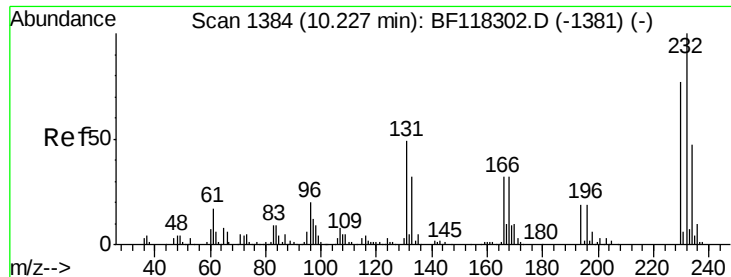
Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.2	32.0	48.0#
89	72.5	49.3	73.9
182	2.8	2.4	3.6



#58
Fluorene
Concen: 44.031 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.0	115.4
167	13.6	10.9	16.3

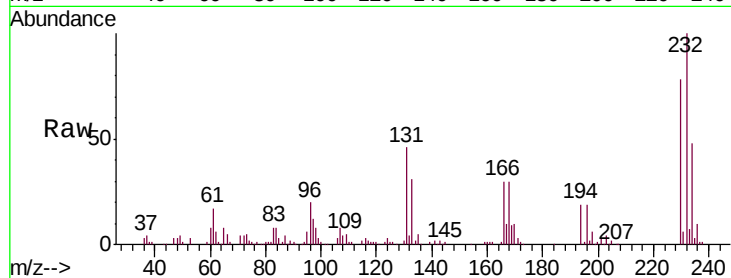




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.826 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.9	37.7	56.5
130	2.8	2.0	3.0
166	32.5	24.7	37.1



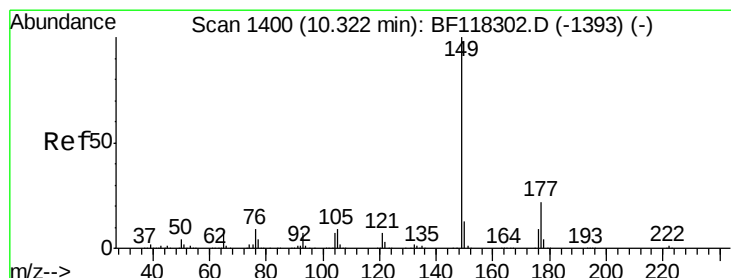
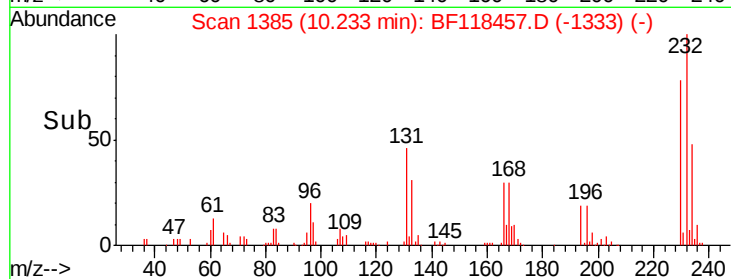
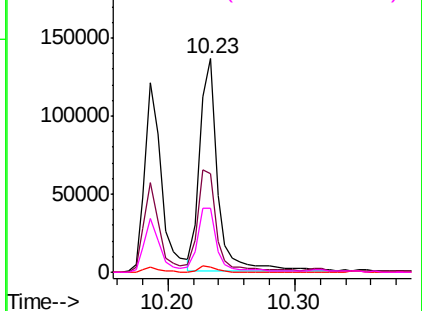
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

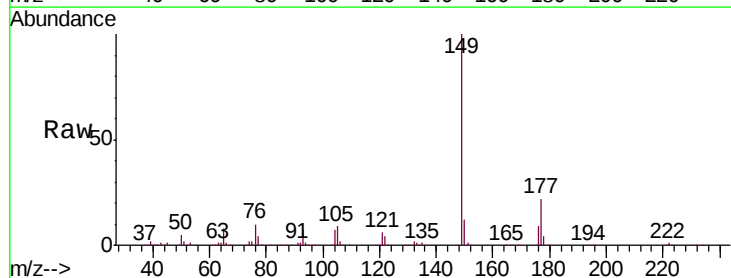
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.930 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.9	26.9
150	12.1	10.2	15.2

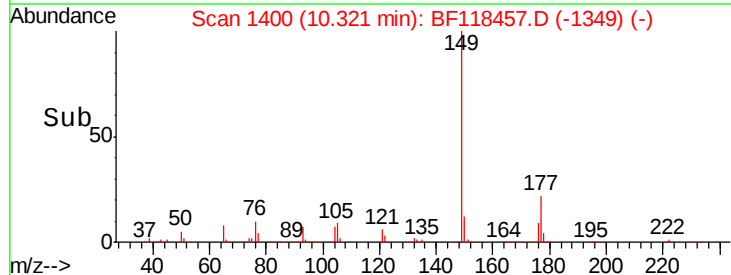
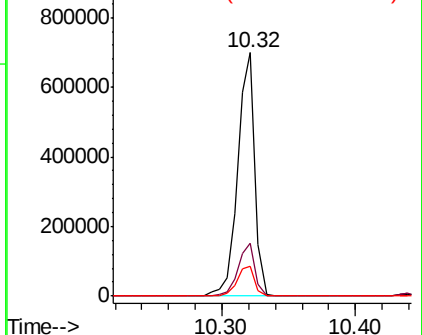


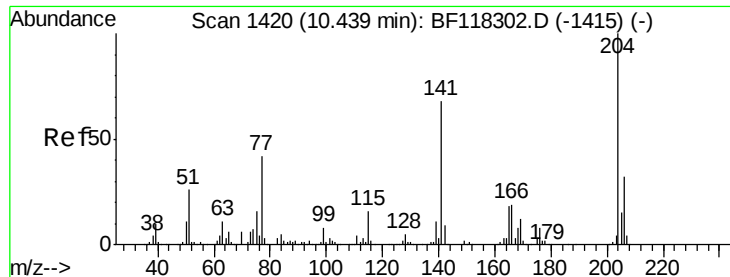
Abundance

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

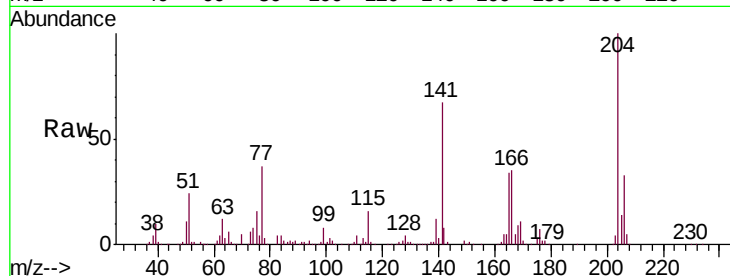




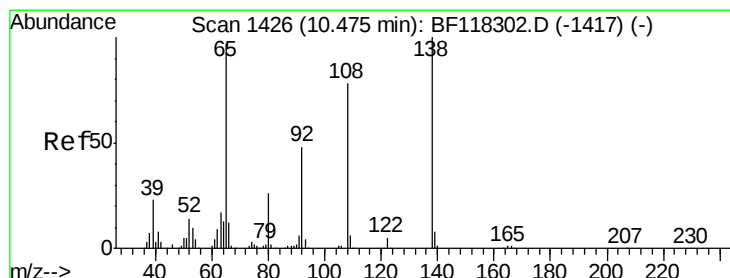
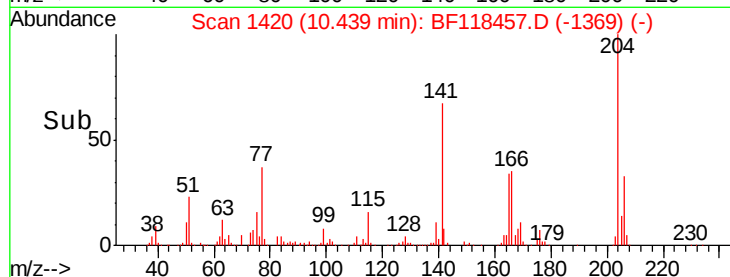
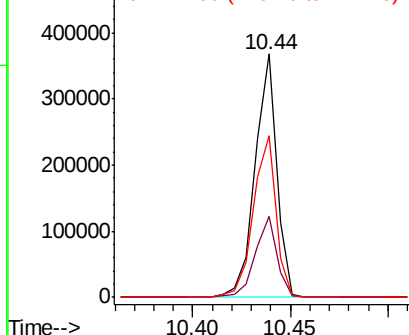
#61
4-Chlorophenyl-phenylether
Concen: 42.517 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:204 Resp: 285557
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.8
141 66.6 54.2 81.4

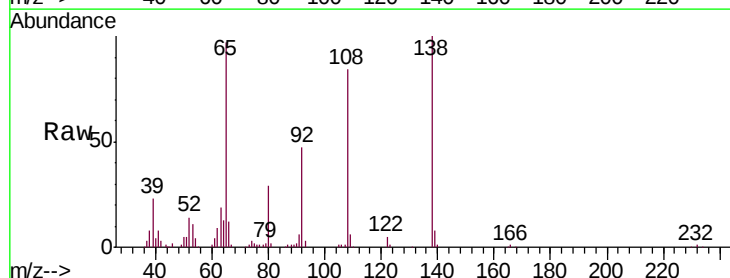


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

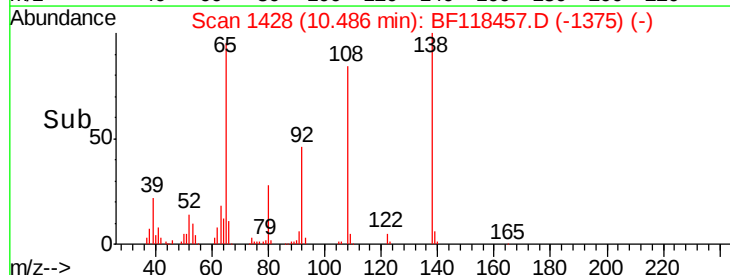
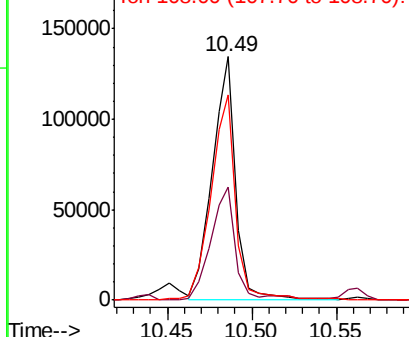


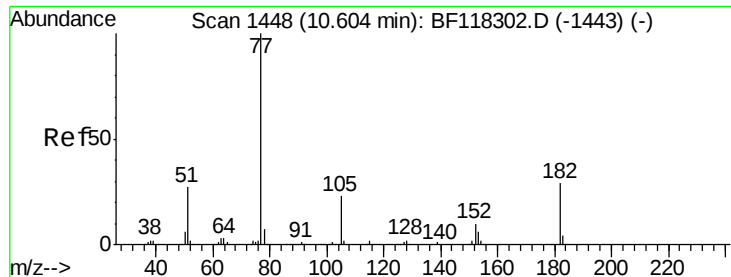
#62
4-Nitroaniline
Concen: 33.365 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:138 Resp: 129134
Ion Ratio Lower Upper
138 100
92 46.7 27.9 67.9
108 84.1 58.1 98.1



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

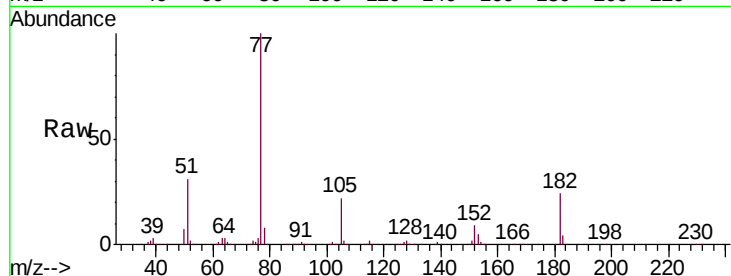




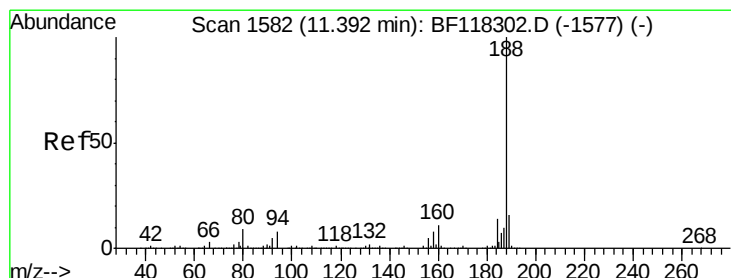
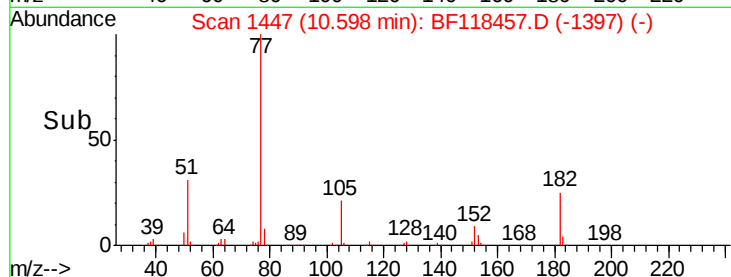
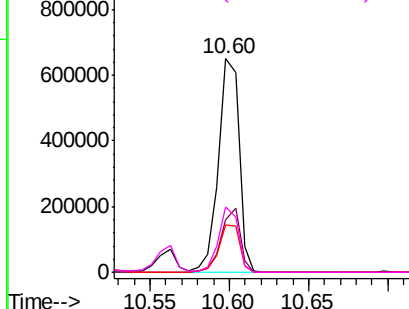
#63
Azobenzene
Concen: 47.348 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:	77	Resp:	590720
Ion	Ratio	Lower	Upper
77	100		
182	24.5	9.2	49.2
105	22.0	3.2	43.2
51	30.7	7.1	47.1

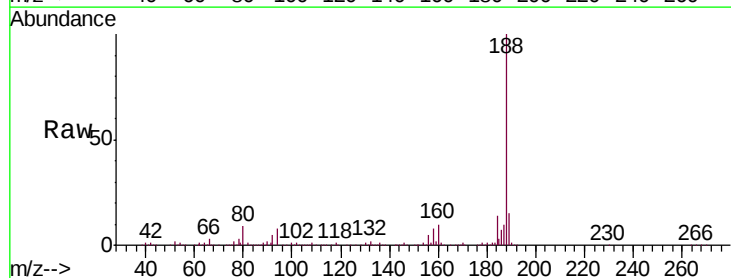


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

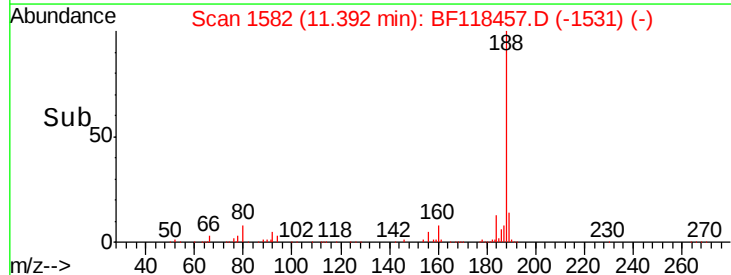
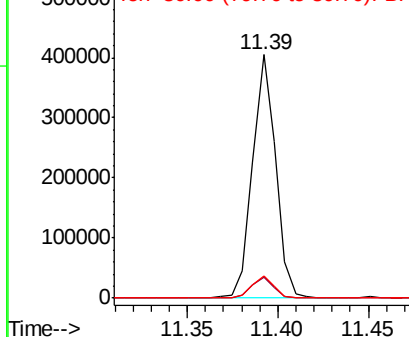


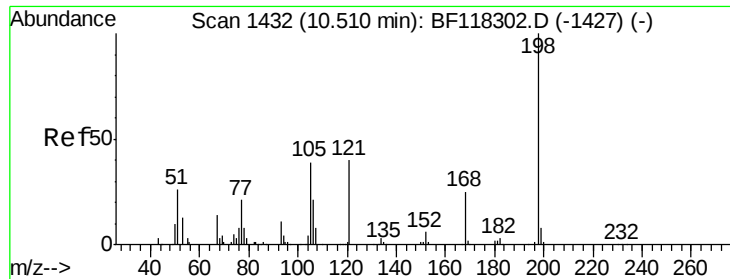
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:	188	Resp:	358674
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.1	7.2	10.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

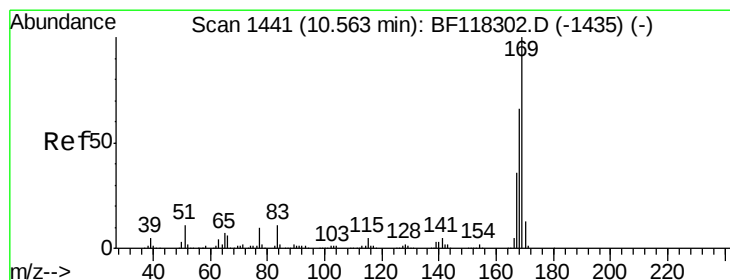
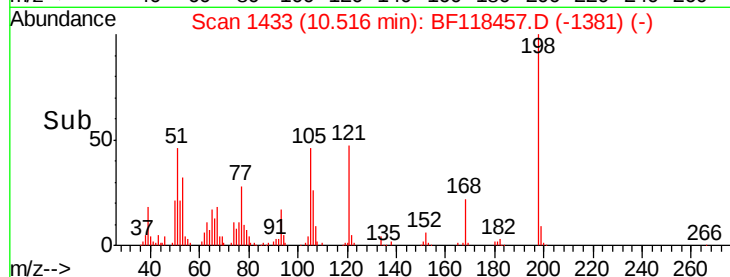
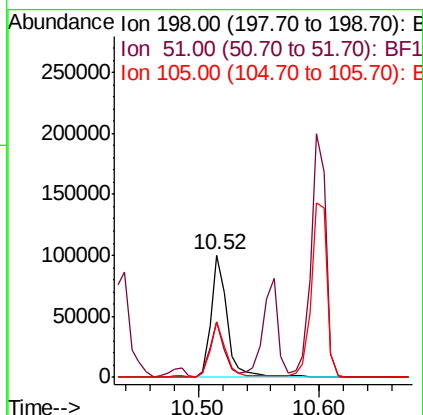
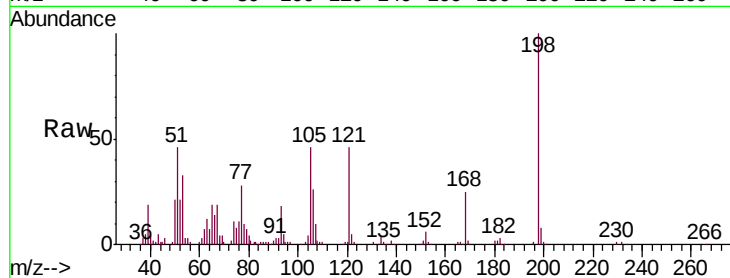




#65
4,6-Dinitro-2-methylphenol
Concen: 47.595 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

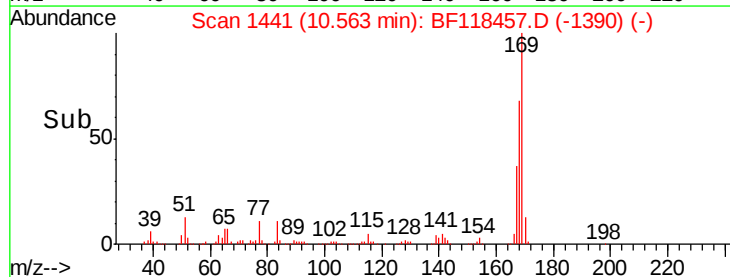
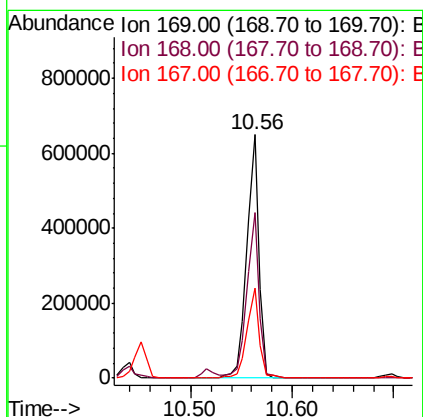
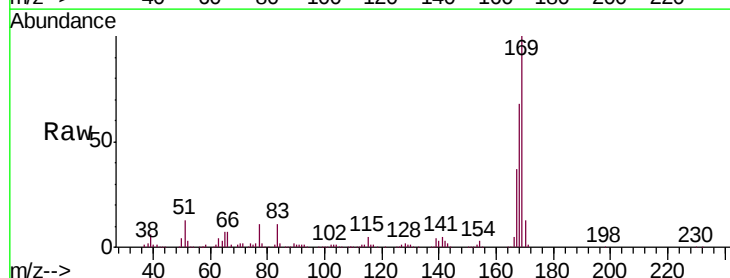
Instrument :
BNA_F
ClientSampleId :
PB125821BS

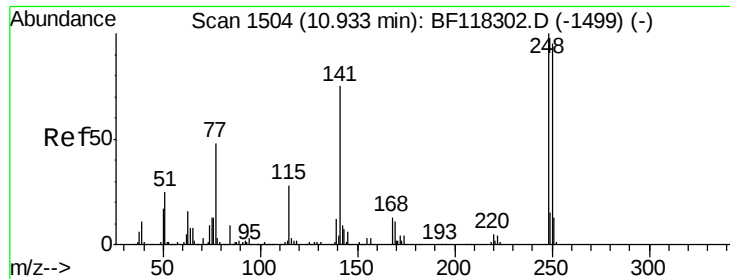
Tgt Ion:198 Resp: 92092
Ion Ratio Lower Upper
198 100
51 45.9 12.8 52.8
105 45.8 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 47.222 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:169 Resp: 542842
Ion Ratio Lower Upper
169 100
168 68.2 52.6 79.0
167 36.7 28.4 42.6

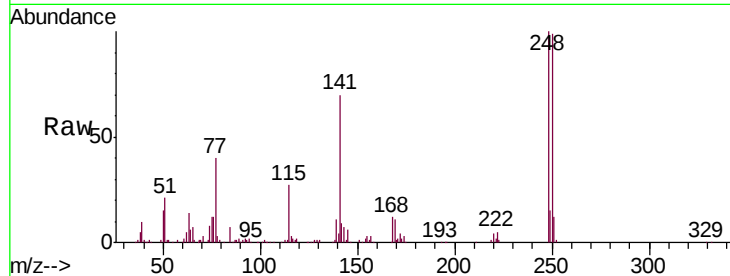




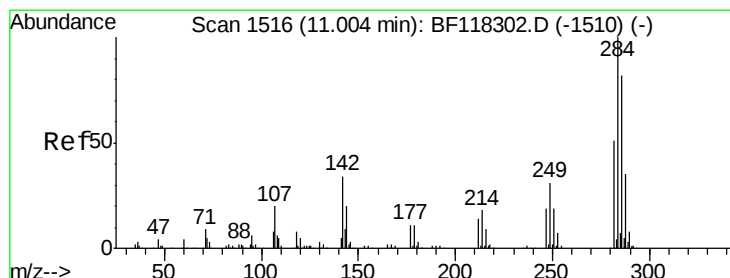
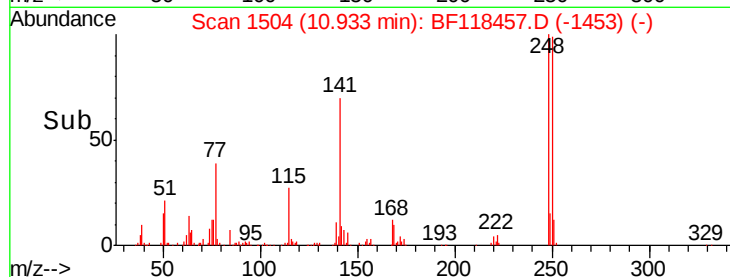
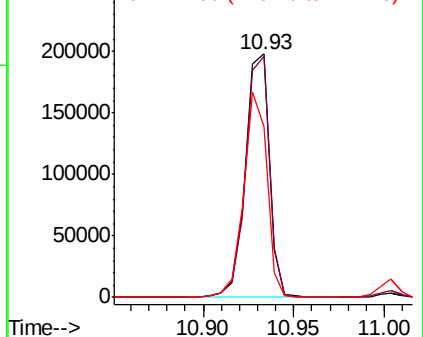
#67
4-Bromophenyl-phenylether
Concen: 43.661 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:248 Resp: 183269
Ion Ratio Lower Upper
248 100
250 98.8 76.4 114.6
141 69.9 60.2 90.2

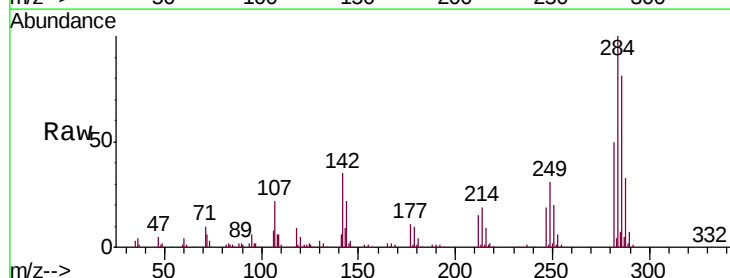


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

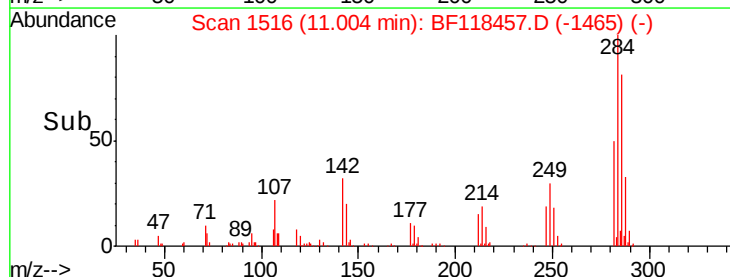
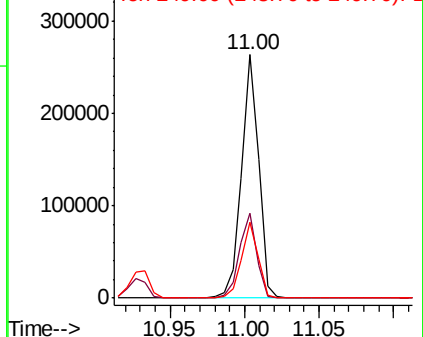


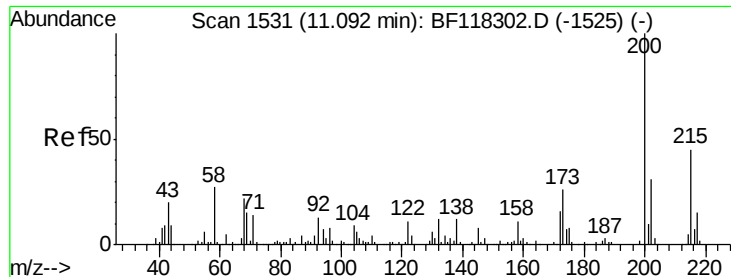
#68
Hexachlorobenzene
Concen: 42.741 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:284 Resp: 211178
Ion Ratio Lower Upper
284 100
142 34.6 27.3 40.9
249 31.0 25.0 37.6



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

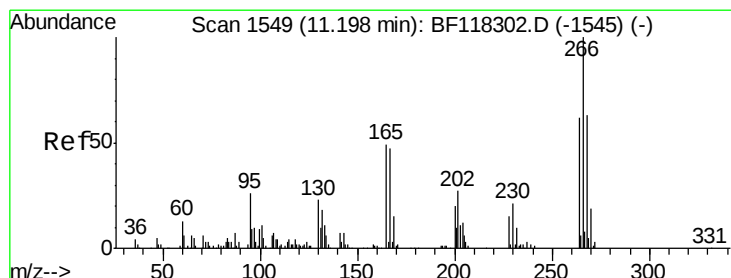
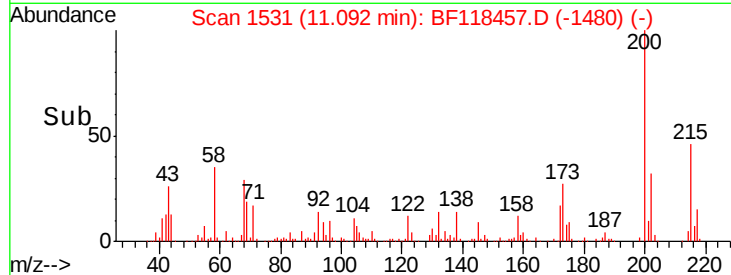
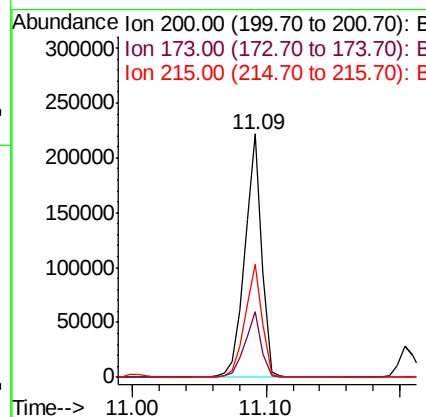
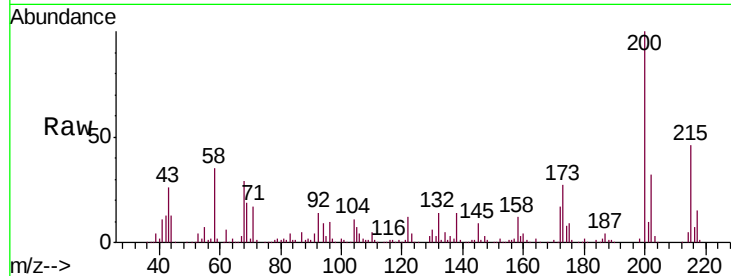




#69
 Atrazine
 Concen: 54.980 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

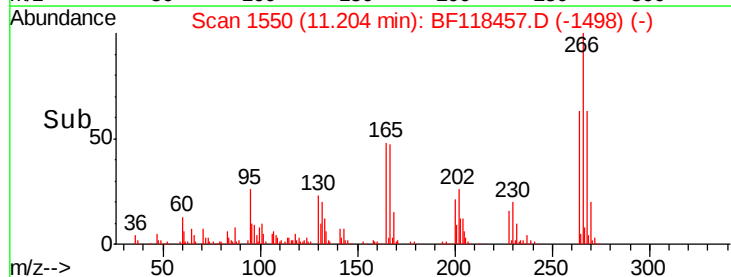
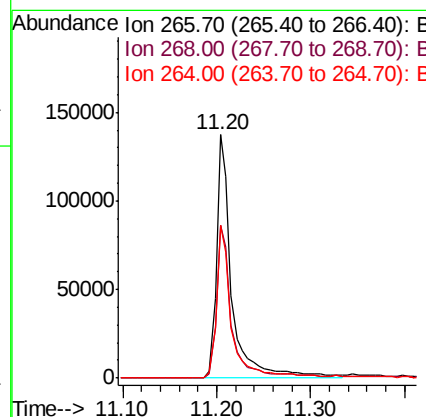
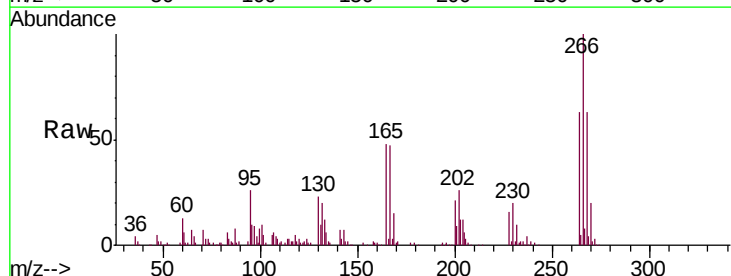
Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

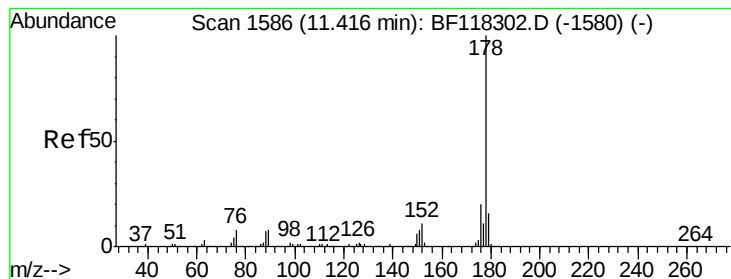
Tgt Ion:200 Resp: 195061
 Ion Ratio Lower Upper
 200 100
 173 26.8 5.8 45.8
 215 46.2 25.1 65.1



#70
 Pentachlorophenol
 Concen: 75.282 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion:266 Resp: 161088
 Ion Ratio Lower Upper
 266 100
 268 62.6 50.6 76.0
 264 62.6 49.9 74.9





#71

Phenanthrene

Concen: 44.085 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB125821BS

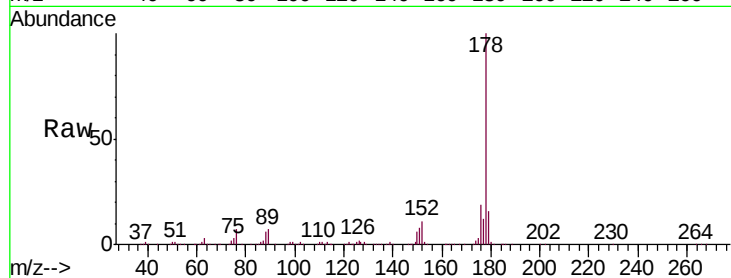
Tgt Ion:178 Resp: 861995

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

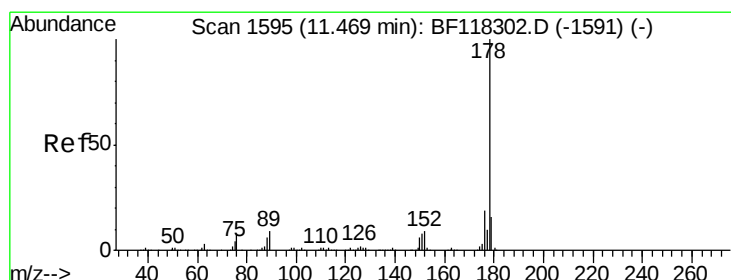
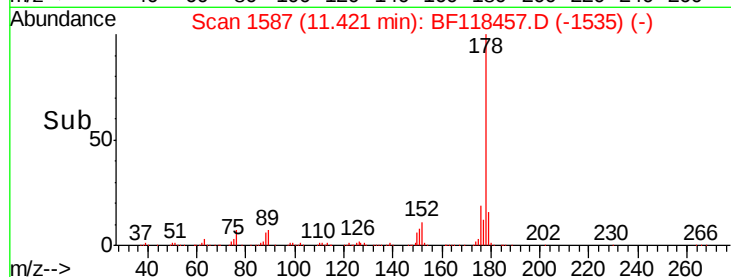
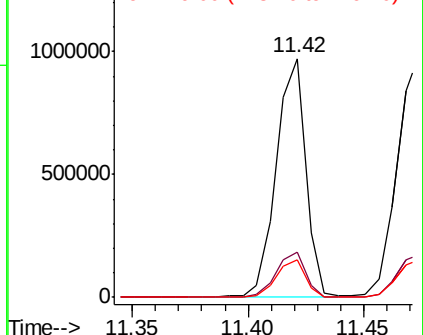
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.349 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

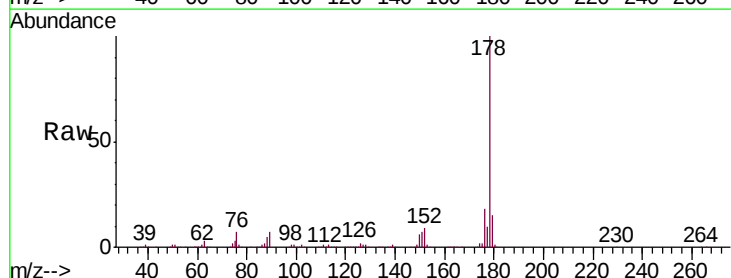
Tgt Ion:178 Resp: 887539

Ion Ratio Lower Upper

178 100

176 17.6 15.2 22.8

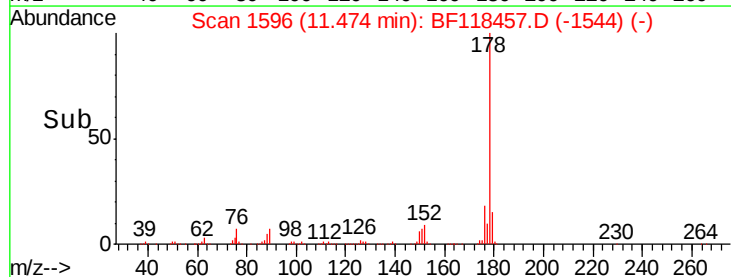
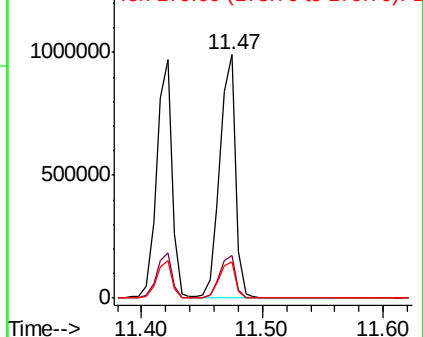
179 15.0 12.9 19.3

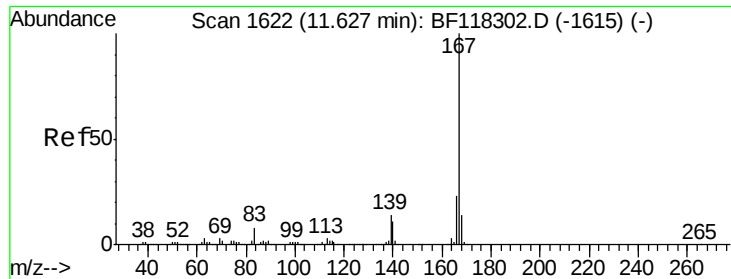


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

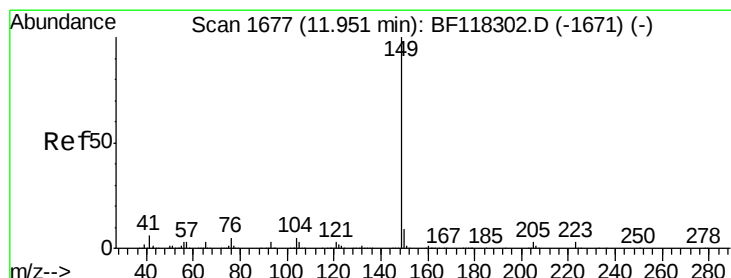
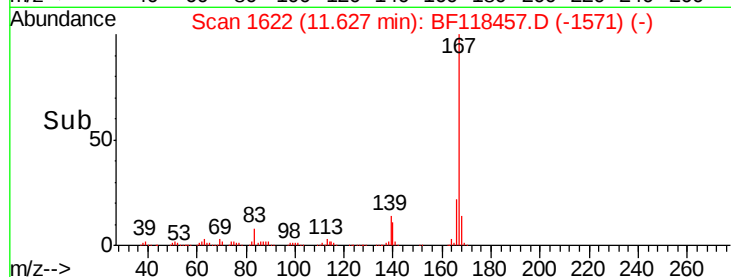
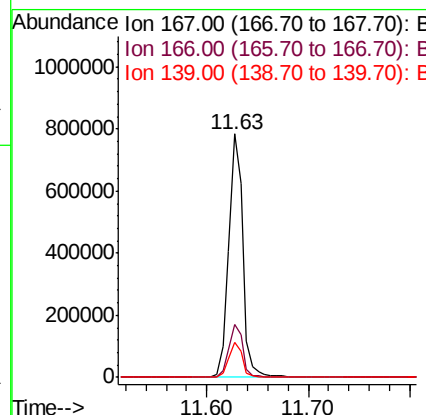
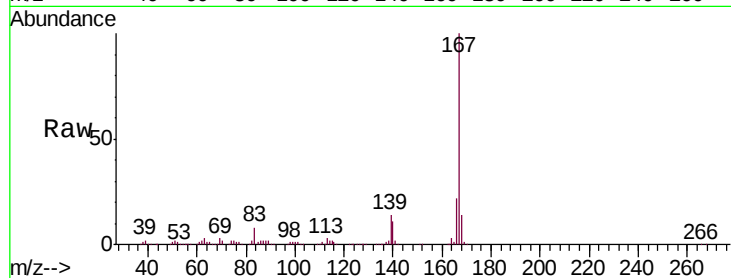




#73
 Carbazole
 Concen: 43.193 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

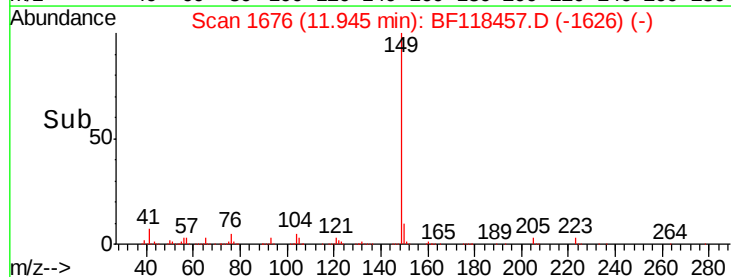
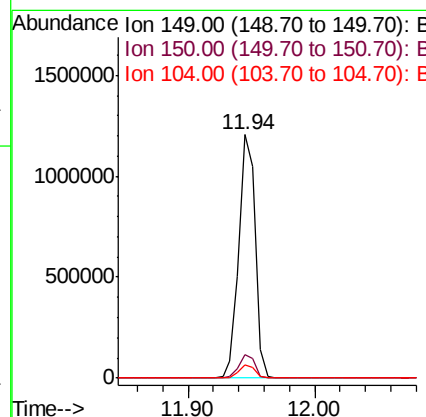
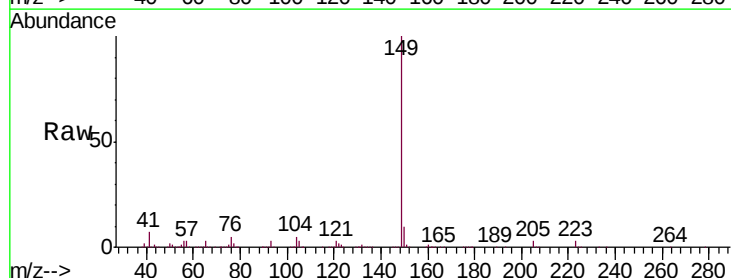
Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

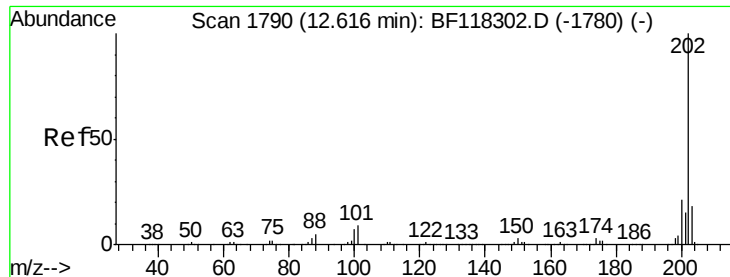
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	14.1	11.5	17.3



#74
 Di-n-butylphthalate
 Concen: 48.455 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	5.4	4.0	6.0

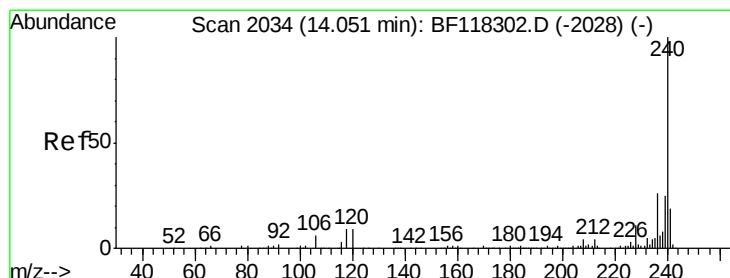
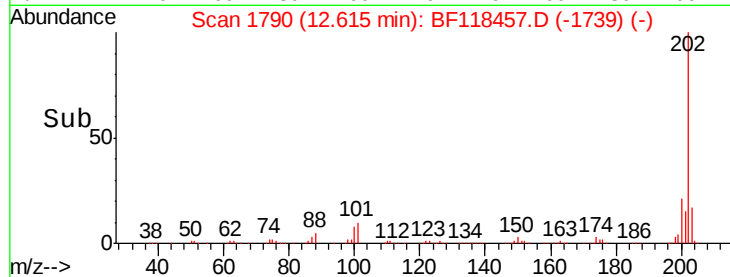
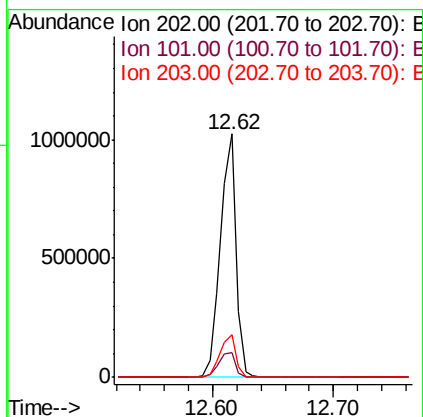
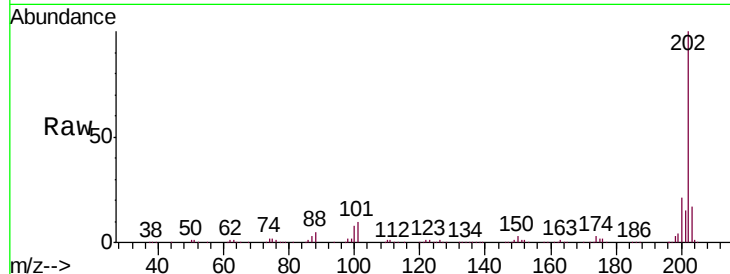




#75
 Fluoranthene
 Concen: 46.152 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

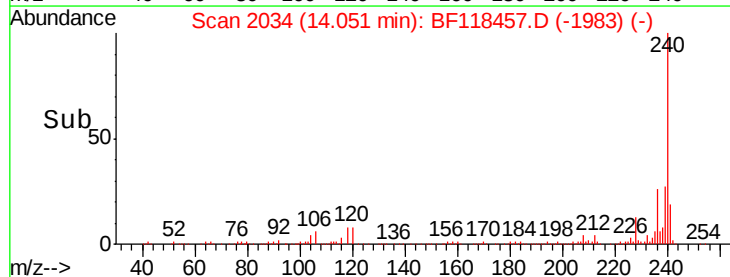
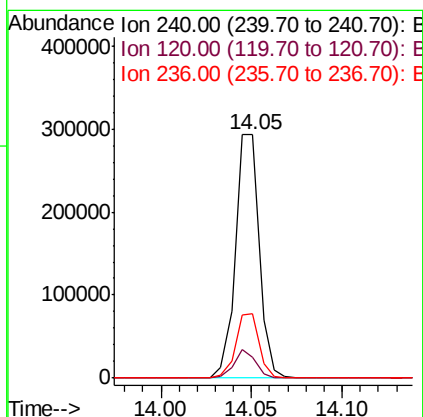
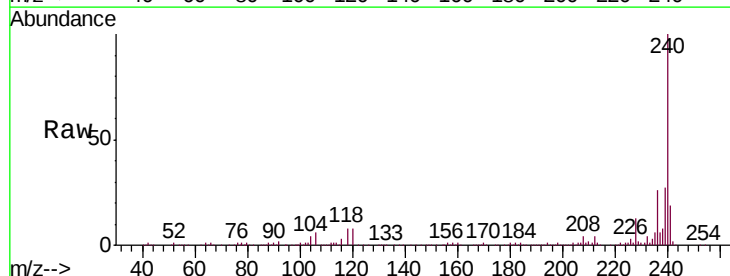
Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

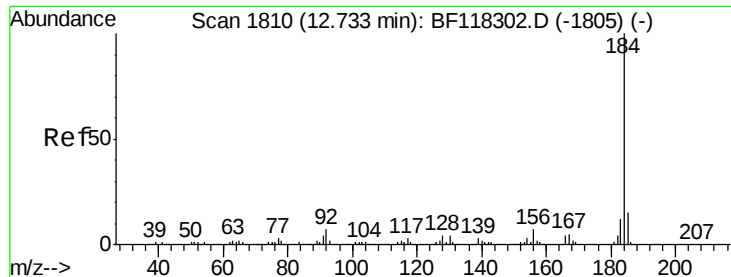
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	29.5
203	17.4	0.0	37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.1	10.7
236	26.4	21.0	31.6





#77

Benzidine

Concen: 56.838 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB125821BS

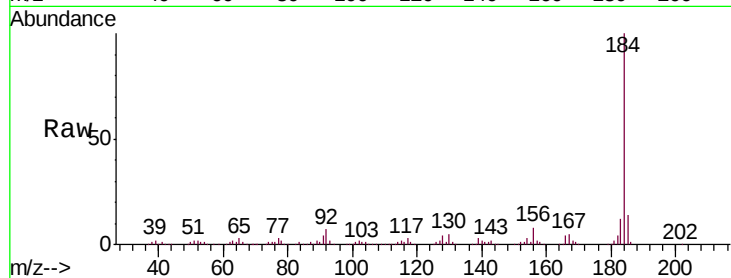
Tgt Ion:184 Resp: 419344

Ion Ratio Lower Upper

184 100

185 13.8 12.3 18.5

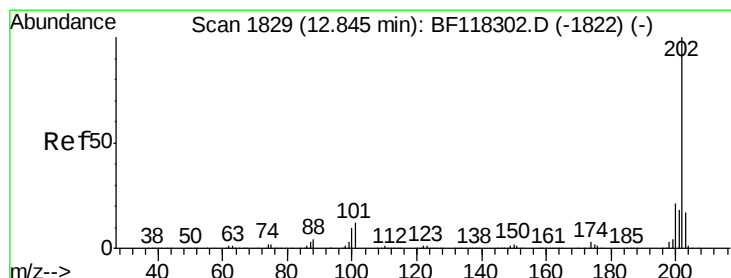
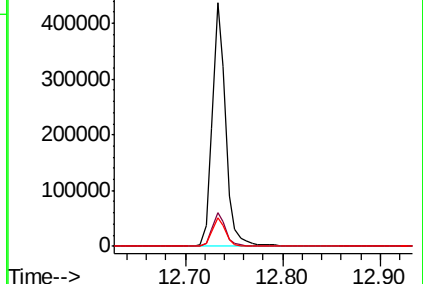
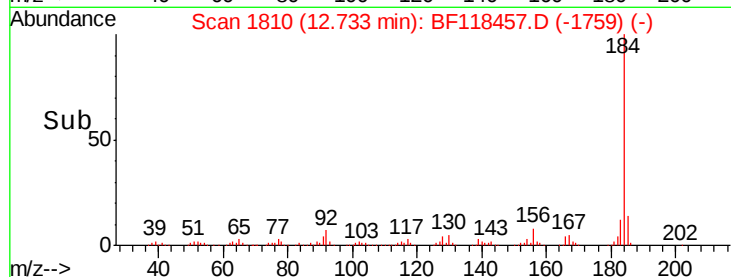
183 11.9 9.4 14.2



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: 41.080 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

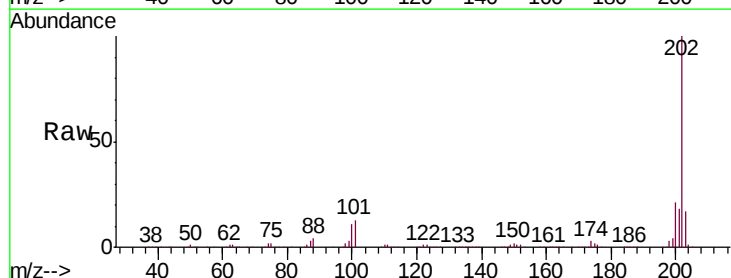
Tgt Ion:202 Resp: 903257

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

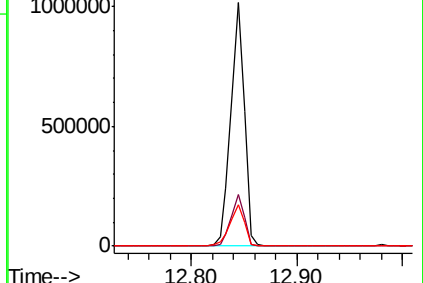
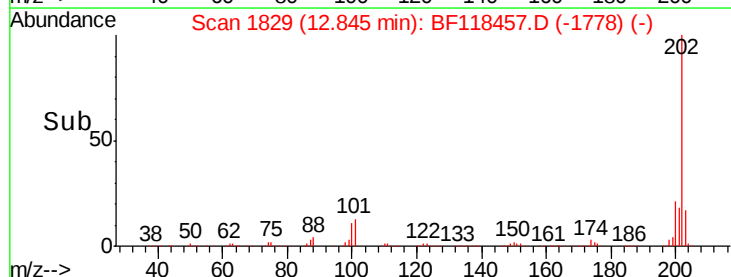
203 17.0 13.9 20.9

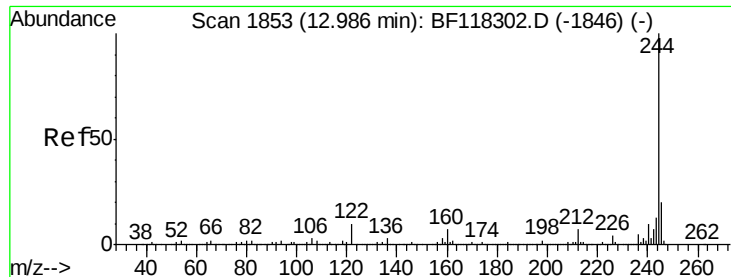


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.132 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB125821BS

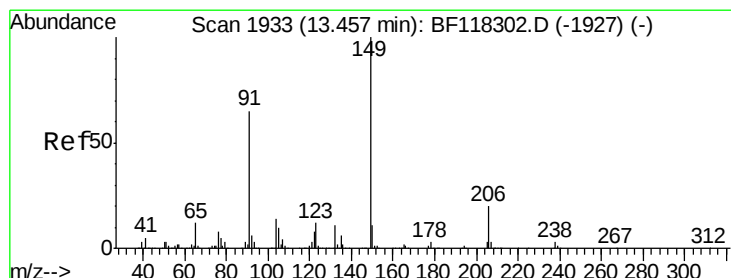
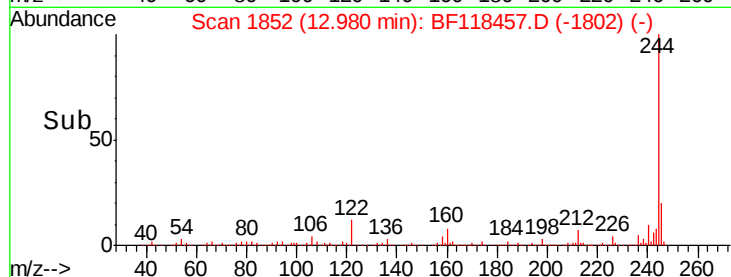
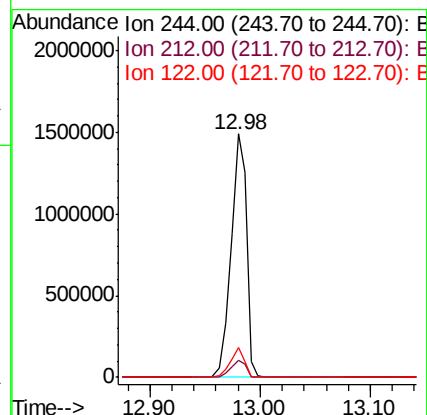
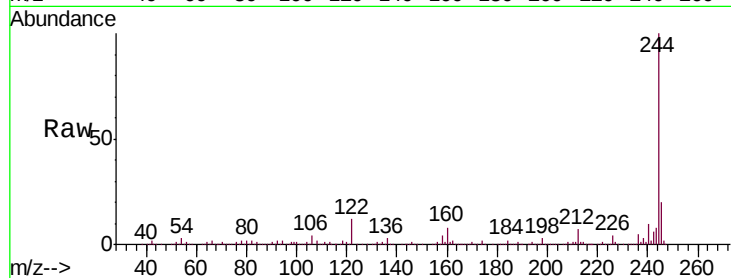
Tgt Ion:244 Resp: 1462829

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 12.0 7.8 11.8#



#80

Butylbenzylphthalate

Concen: 44.382 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

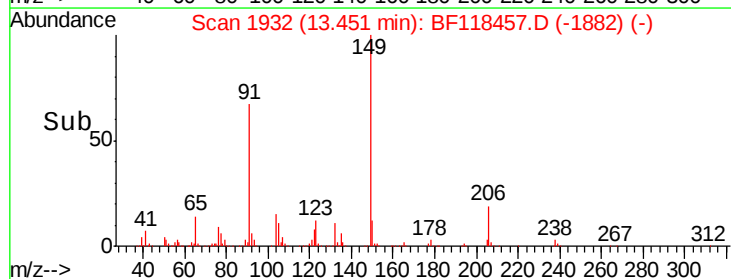
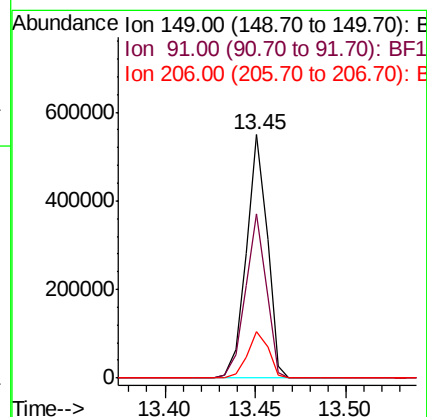
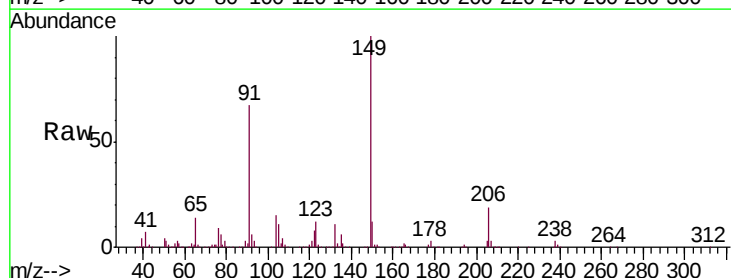
Tgt Ion:149 Resp: 439397

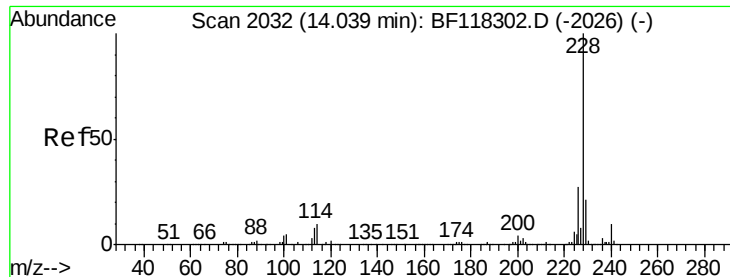
Ion Ratio Lower Upper

149 100

91 67.4 51.8 77.6

206 18.9 15.7 23.5





#81

Benzo(a)anthracene

Concen: 44.766 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB125821BS

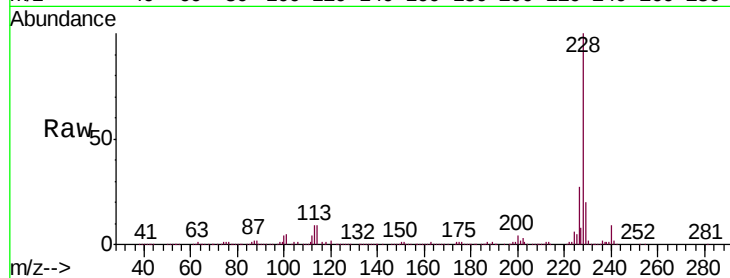
Tgt Ion:228 Resp: 843727

Ion Ratio Lower Upper

228 100

226 26.6 22.0 33.0

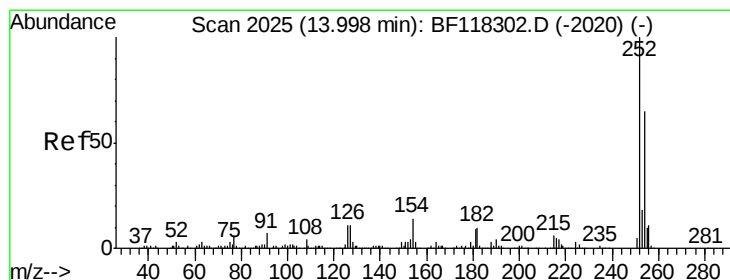
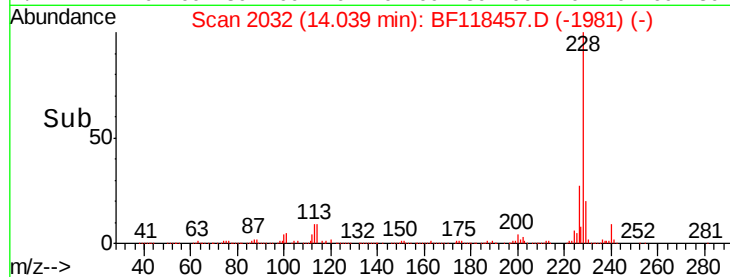
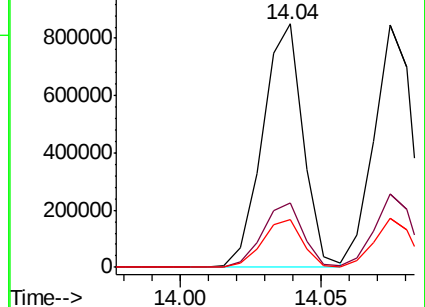
229 19.8 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.839 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

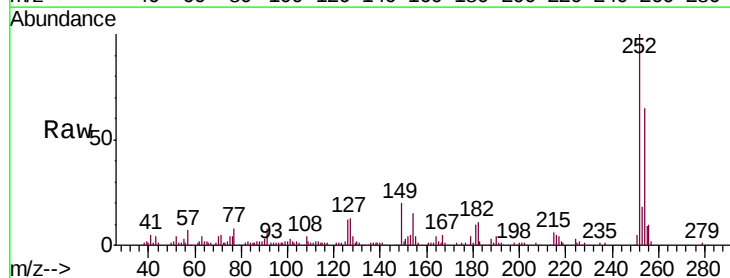
Tgt Ion:252 Resp: 152339

Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.8

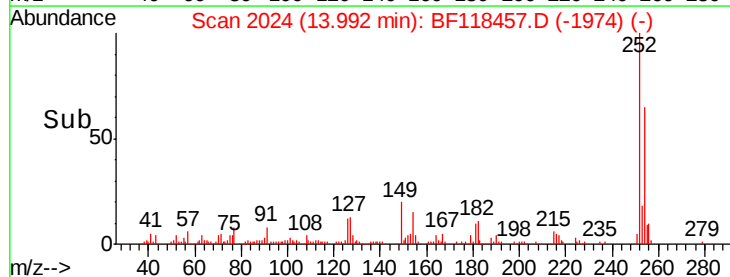
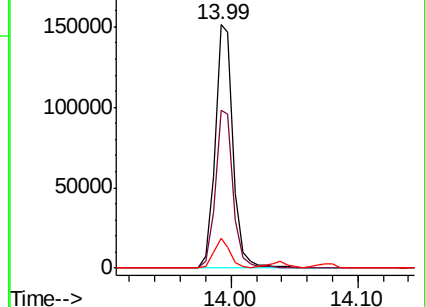
126 12.2 8.7 13.1

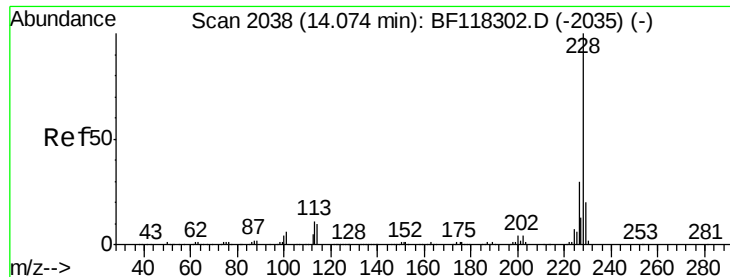


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.946 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB125821BS

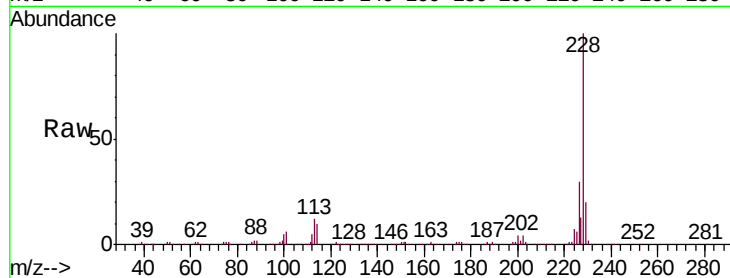
Tgt Ion:228 Resp: 775027

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

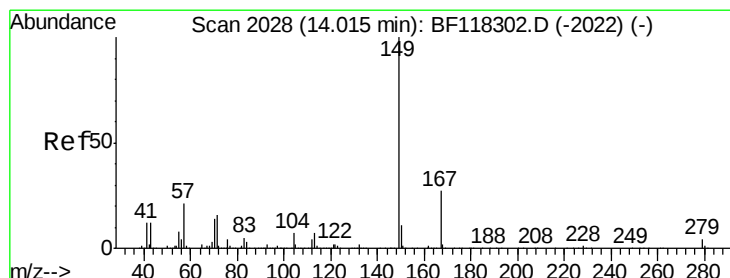
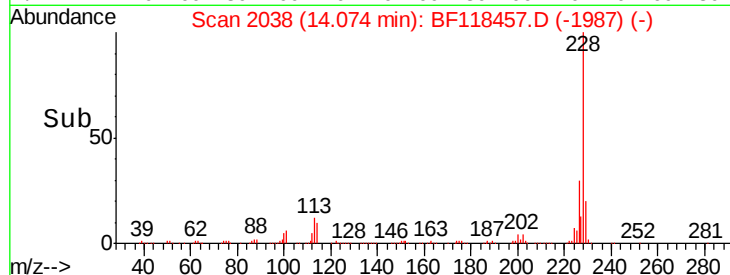
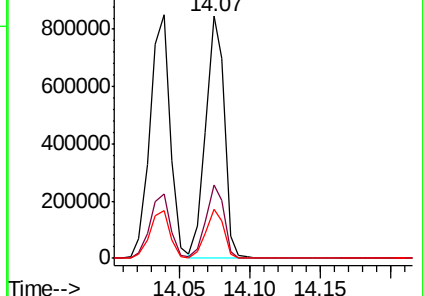
229 20.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.427 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

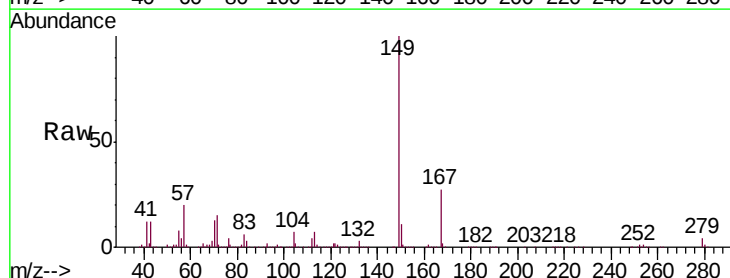
Tgt Ion:149 Resp: 669482

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

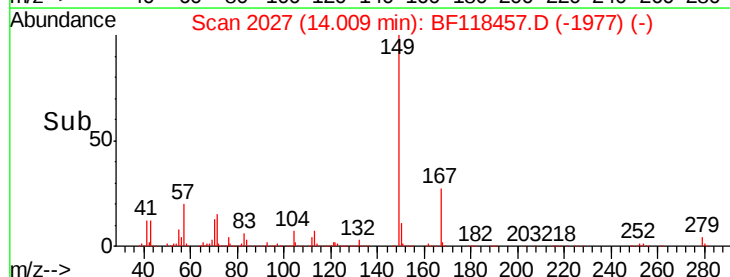
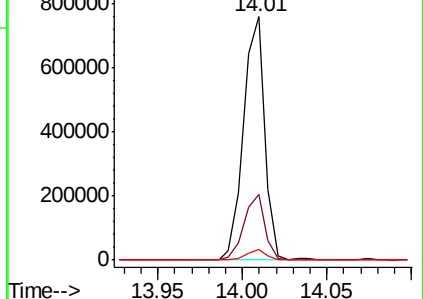
279 4.3 3.4 5.2

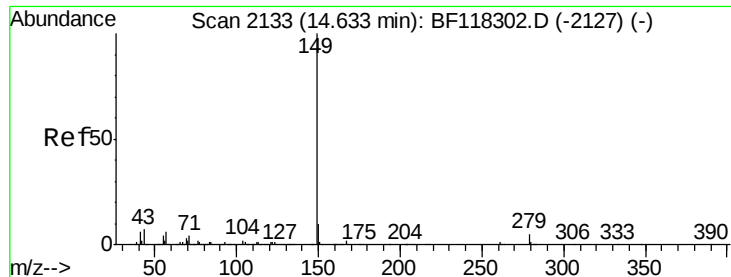


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

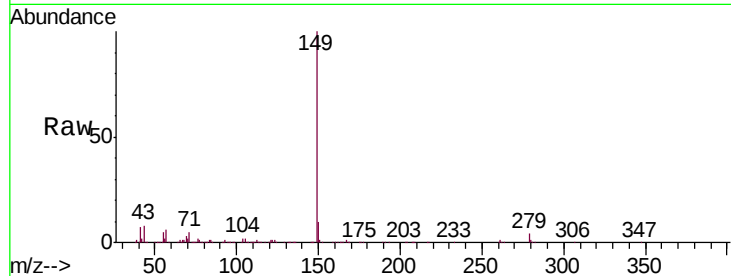




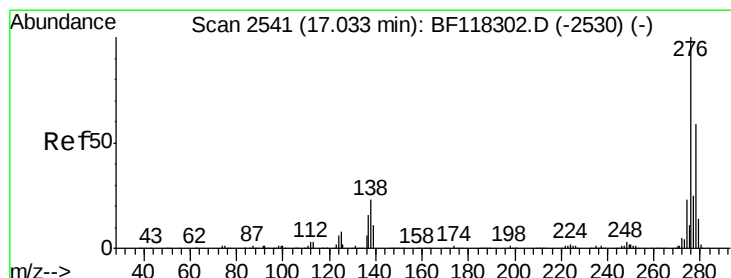
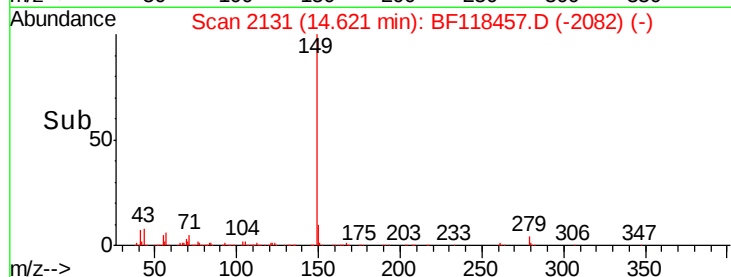
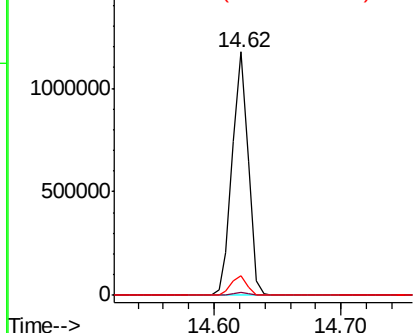
#85
Di-n-octyl phthalate
Concen: 53.111 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:149 Resp: 1017031
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.0 6.1 9.1

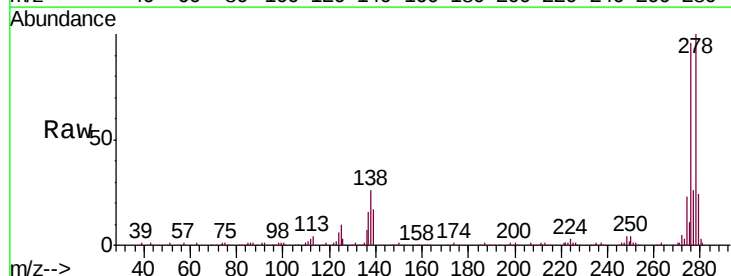


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

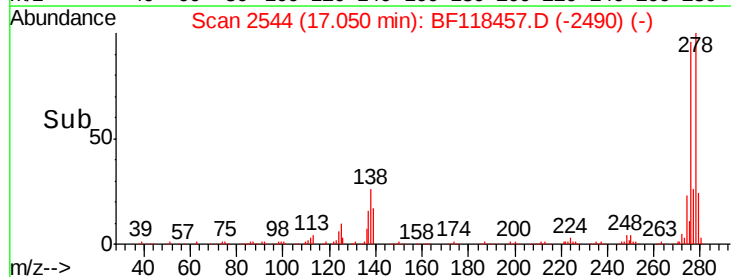
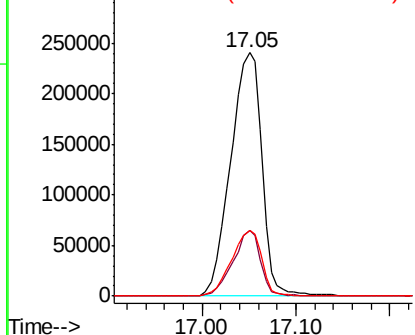


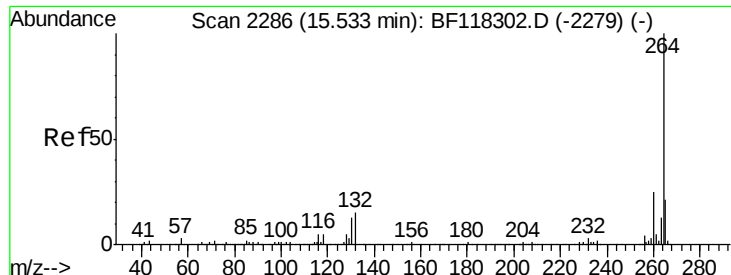
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.213 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.02 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:276 Resp: 556837
Ion Ratio Lower Upper
276 100
138 23.9 19.5 29.3
277 25.8 20.6 30.8



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

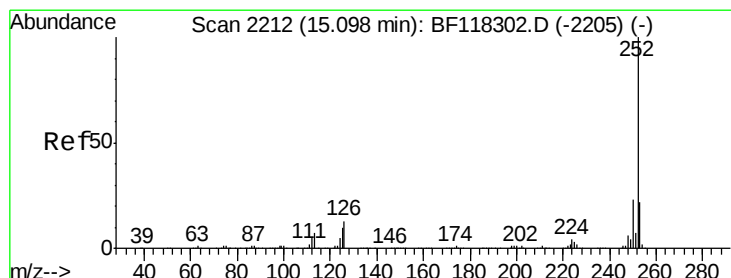
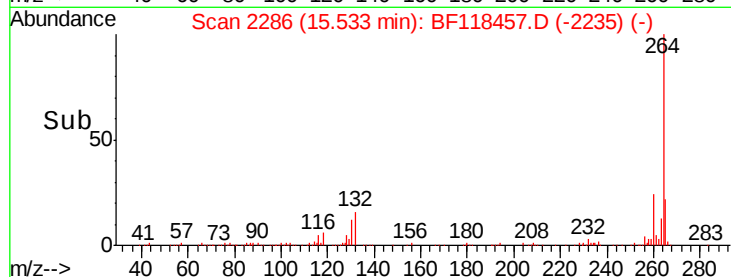
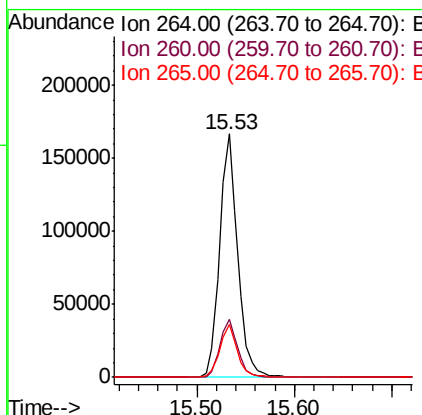
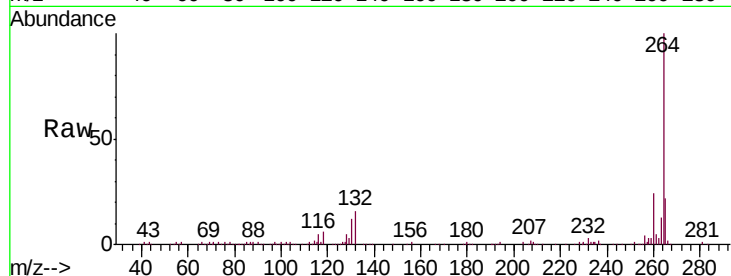




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

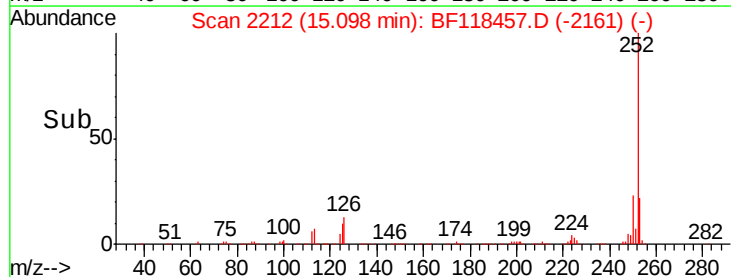
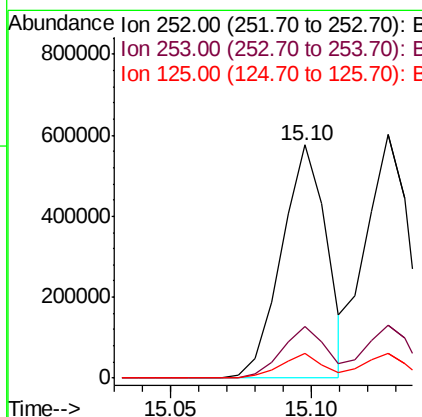
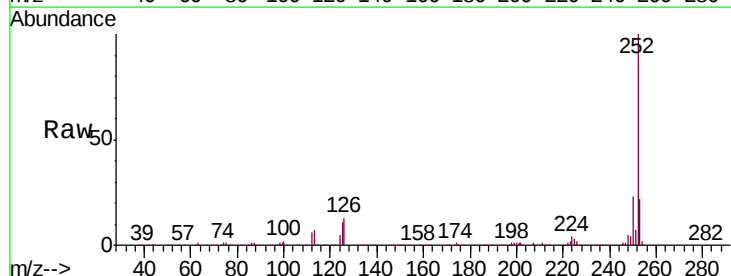
Instrument :
BNA_F
ClientSampleId :
PB125821BS

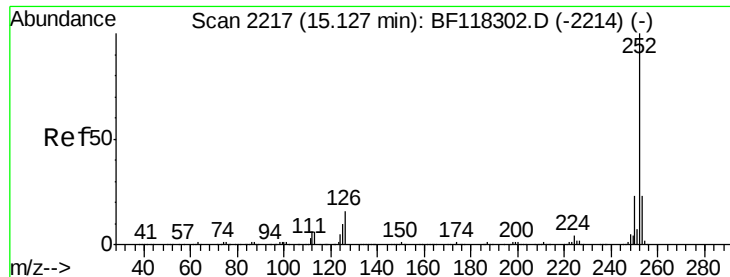
Tgt Ion:264 Resp: 213780
Ion Ratio Lower Upper
264 100
260 23.8 19.8 29.6
265 21.7 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 45.101 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:252 Resp: 640013
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.5 7.7 11.5

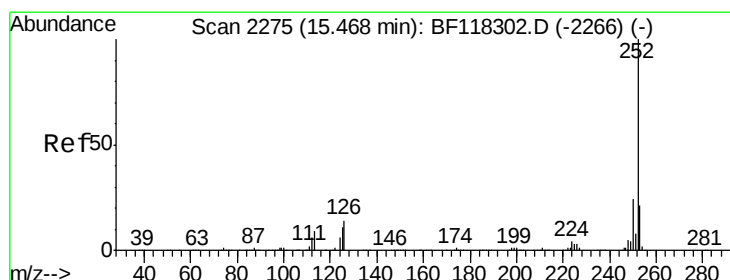
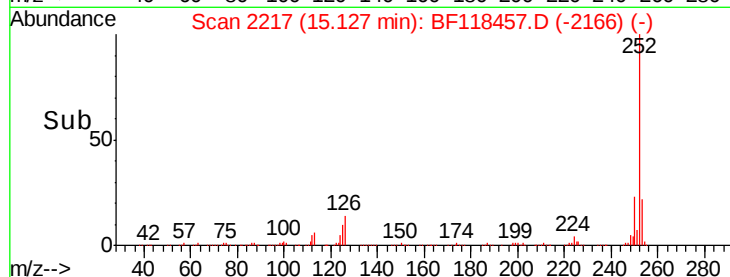
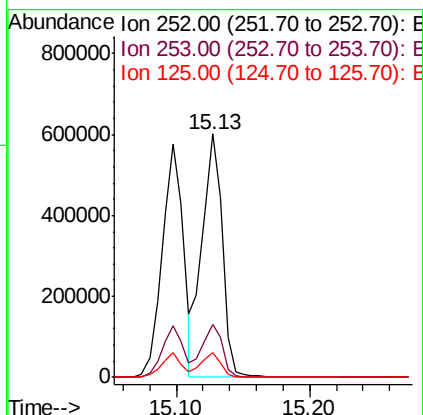
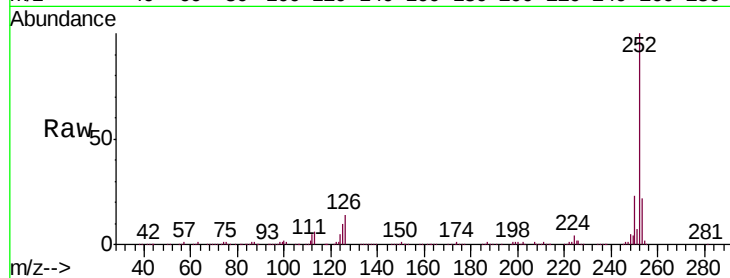




#89
Benzo(k)fluoranthene
Concen: 46.396 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

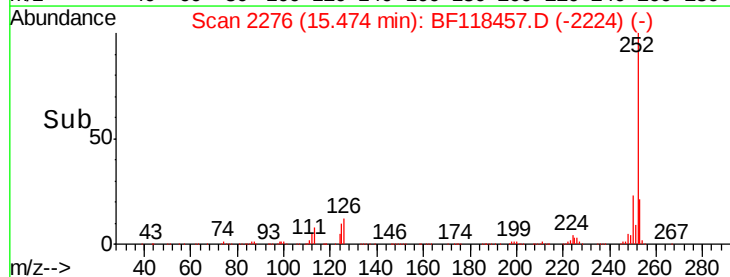
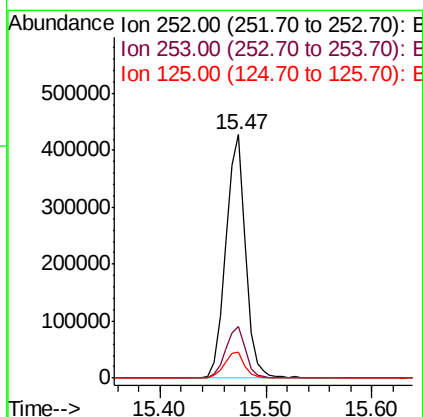
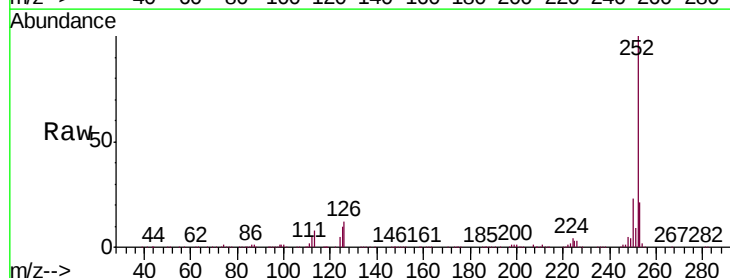
Instrument :
BNA_F
ClientSampleId :
PB125821BS

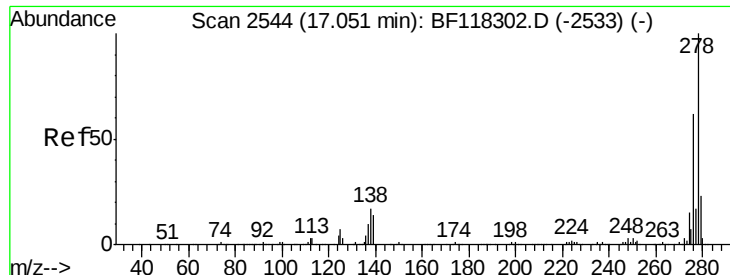
Tgt Ion:252 Resp: 632175
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 10.2 8.0 12.0



#90
Benzo(a)pyrene
Concen: 43.959 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:252 Resp: 549522
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 10.5 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 43.210 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB125821BS

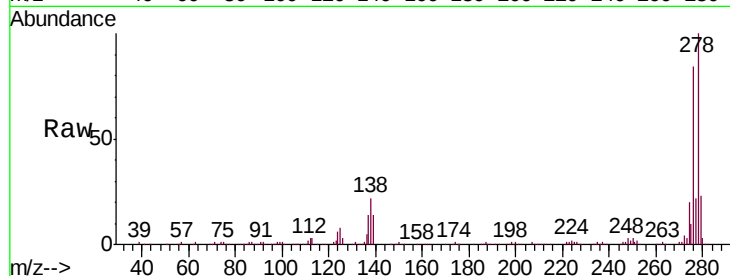
Tgt Ion:278 Resp: 468744

Ion Ratio Lower Upper

278 100

139 14.5 11.5 17.3

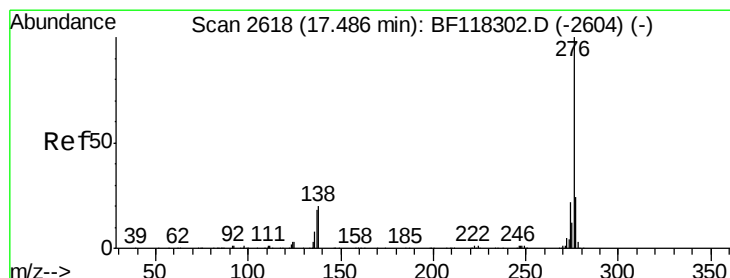
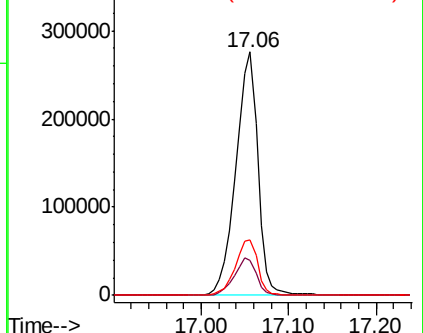
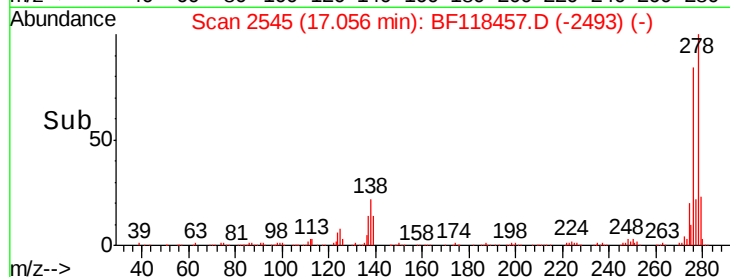
279 23.0 18.3 27.5



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: 45.156 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.02 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

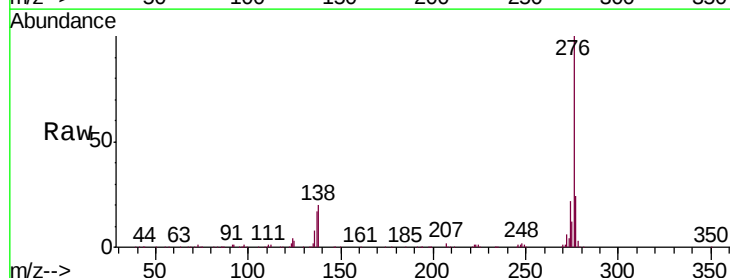
Tgt Ion:276 Resp: 473196

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 19.6 16.1 24.1



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

