

Data File : BF118460.D
Acq On : 3 Jan 2020 14:38
Operator : JU
Sample : PB125813BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125813BS

Quant Time: Jan 04 00:03:53 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	97116	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	390767	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	219584	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	414574	20.00	ng	0.00
76) Chrysene-d12	14.05	240	278377	20.00	ng	0.00
87) Perylene-d12	15.53	264	154145	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	599187	105.32	ng	0.02
7) Phenol-d6	6.49	99	762935	108.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	496144	72.62	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	251762	92.84	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1052123	73.14	ng	0.00
79) Terphenyl-d14	12.98	244	1283175	76.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	56823	25.124	ng	# 88
3) Pyridine	3.45	79	136087	22.584	ng	97
4) n-Nitrosodimethylamine	3.40	42	92888	37.284	ng	# 73
6) Aniline	6.51	93	217791	24.302	ng	# 54
8) 2-Chlorophenol	6.64	128	265860	41.260	ng	98
9) Benzaldehyde	6.40	77	38023	9.189	ng	93
10) Phenol	6.50	94	304881	38.434	ng	84
11) bis(2-Chloroethyl)ether	6.58	93	219163	38.632	ng	98
12) 1,3-Dichlorobenzene	6.79	146	287776	38.779	ng	98
13) 1,4-Dichlorobenzene	6.86	146	291641	38.691	ng	98
14) 1,2-Dichlorobenzene	7.02	146	277643	39.014	ng	99
15) Benzyl Alcohol	7.00	79	223314	41.557	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	236439	39.057	ng	72
17) 2-Methylphenol	7.11	107	217083	42.004	ng	# 93
18) Hexachloroethane	7.36	117	105169	38.016	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	176131	40.510	ng	93
20) 3+4-Methylphenols	7.26	107	274671	41.526	ng	97
22) Acetophenone	7.26	105	366712	38.290	ng	# 93
24) Nitrobenzene	7.43	77	259050	37.851	ng	96
25) Isophorone	7.67	82	460137	38.644	ng	99
26) 2-Nitrophenol	7.75	139	140773	38.833	ng	92
27) 2,4-Dimethylphenol	7.79	122	216439	43.760	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	270046	34.678	ng	99
29) 2,4-Dichlorophenol	8.00	162	214212	37.628	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	240260	36.230	ng	97
31) Naphthalene	8.16	128	749740	37.749	ng	99
32) Benzoic acid	7.95	122	121648	31.358	ng	96
33) 4-Chloroaniline	8.21	127	154389	18.133	ng	97
34) Hexachlorobutadiene	8.27	225	141352	35.808	ng	99
35) Caprolactam	8.59	113	32707	18.403	ng	90
36) 4-Chloro-3-methylphenol	8.70	107	227629	37.243	ng	97
37) 2-Methylnaphthalene	8.85	142	531696	39.100	ng	99
38) 1-Methylnaphthalene	8.95	142	490517	38.287	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	222729	33.759	ng	99

Data File : BF118460.D
Acq On : 3 Jan 2020 14:38
Operator : JU
Sample : PB125813BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125813BS

Quant Time: Jan 04 00:03:53 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)
41) Hexachlorocyclopentadiene	9.00	237	91373	38.212	ng	97
43) 2,4,6-Trichlorophenol	9.13	196	148889	33.780	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	158893	35.044	ng	95
46) 1,1'-Biphenyl	9.32	154	614437	35.378	ng	98
47) 2-Chloronaphthalene	9.35	162	477158	34.136	ng	97
48) 2-Nitroaniline	9.45	65	128083	32.441	ng	94
49) Acenaphthylene	9.76	152	767925	37.042	ng	99
50) Dimethylphthalate	9.62	163	554150	33.620	ng	99
51) 2,6-Dinitrotoluene	9.69	165	123155	34.657	ng	91
52) Acenaphthene	9.93	154	472098	37.386	ng	99
53) 3-Nitroaniline	9.86	138	95143	22.812	ng	96
54) 2,4-Dinitrophenol	9.98	184	108794	61.969	ng	96
55) Dibenzofuran	10.10	168	718742	38.521	ng	95
56) 4-Nitrophenol	10.04	139	154331	59.939	ng	97
57) 2,4-Dinitrotoluene	10.10	165	179689	37.843	ng	# 77
58) Fluorene	10.45	166	591291	39.257	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	143179	37.165	ng	99
60) Diethylphthalate	10.32	149	631225	38.710	ng	97
61) 4-Chlorophenyl-phenylether	10.44	204	288163	38.325	ng	95
62) 4-Nitroaniline	10.48	138	123907	28.597	ng	97
63) Azobenzene	10.60	77	523380	37.472	ng	93
65) 4,6-Dinitro-2-methylphenol	10.52	198	91576	40.947	ng	92
66) n-Nitrosodiphenylamine	10.56	169	512960	38.606	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	163963	33.795	ng	90
68) Hexachlorobenzene	11.00	284	196245	34.363	ng	97
69) Atrazine	11.09	200	153785	37.501	ng	97
70) Pentachlorophenol	11.20	266	145955	59.013	ng	99
71) Phenanthrene	11.42	178	835527	36.969	ng	99
72) Anthracene	11.47	178	854570	37.777	ng	98
73) Carbazole	11.63	167	715534	35.647	ng	98
74) Di-n-butylphthalate	11.95	149	1013992	39.840	ng	99
75) Fluoranthene	12.62	202	852562	37.379	ng	99
77) Benzidine	12.73	184	135267	17.734	ng	98
78) Pyrene	12.85	202	828801	36.459	ng	100
80) Butylbenzylphthalate	13.45	149	363963	35.559	ng	96
81) Benzo(a)anthracene	14.04	228	708210	36.345	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	188557	28.540	ng	99
83) Chrysene	14.07	228	674556	36.154	ng	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	566763	42.110	ng	99
85) Di-n-octyl phthalate	14.62	149	857312	43.304	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	515065	32.399	ng	99
88) Benzo(b)fluoranthene	15.10	252	616161	60.218	ng	99
89) Benzo(k)fluoranthene	15.13	252	544917	55.464	ng	98
90) Benzo(a)pyrene	15.47	252	436024	48.374	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	442871	56.619	ng	99
92) Benzo(g,h,i)perylene	17.50	276	395014	52.279	ng	99

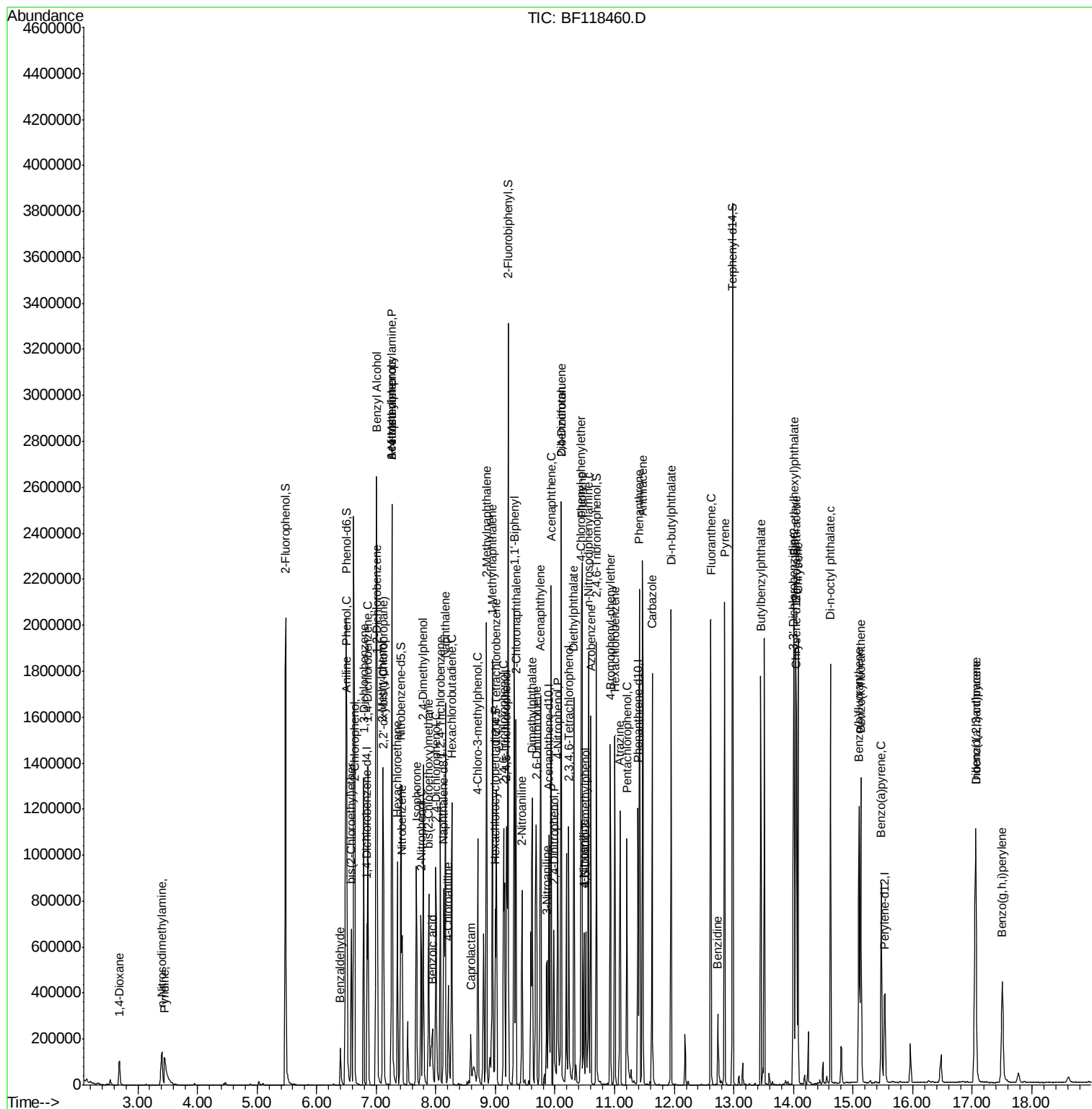
(#) = qualifier out of range (m) = manual integration (+) = signals summed

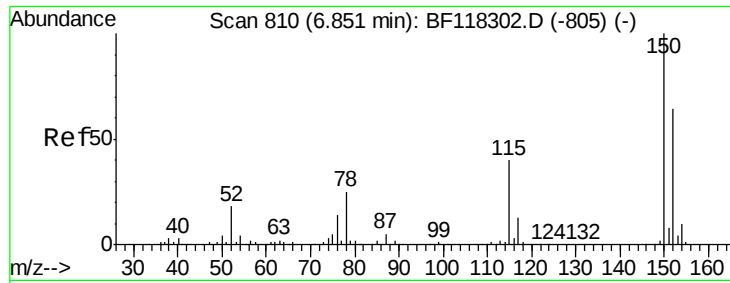
Data File : BF118460.D

```
Acq On       : 3 Jan 2020 14:38
Operator    : JU
Sample      : PB125813BS
Misc       :
ALS Vial    : 7 Sample Multipl
```

Instrument :
BNA_F
ClientSampleId :
PB125813BS

Quant Time: Jan 04 00:03:53 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



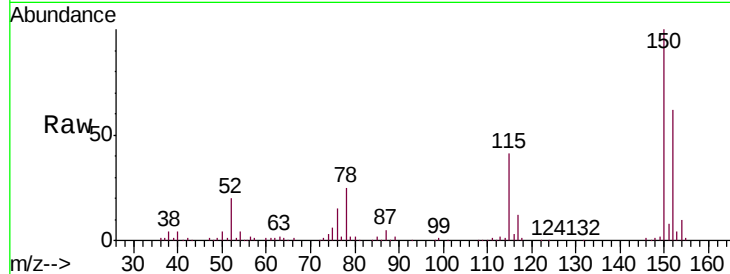


#1

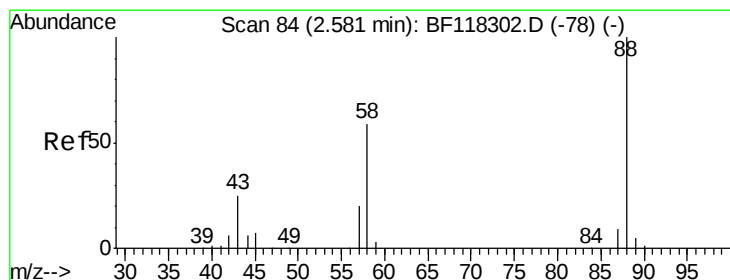
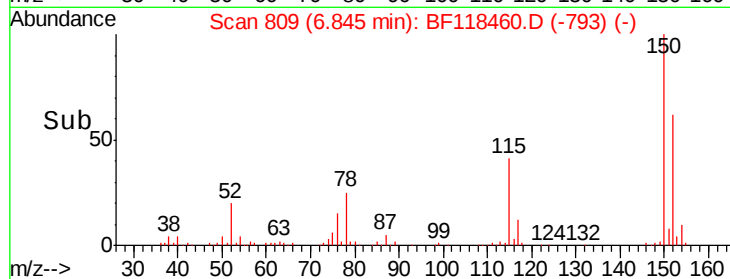
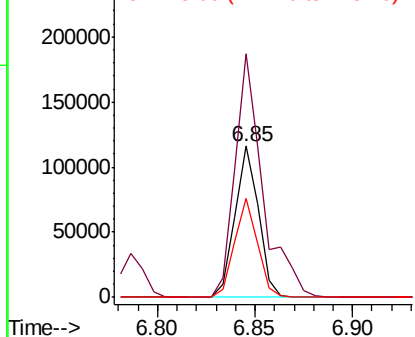
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB125813BS

Tgt Ion:152 Resp: 97116
Ion Ratio Lower Upper
152 100
150 160.9 125.4 188.2
115 65.7 50.2 75.4



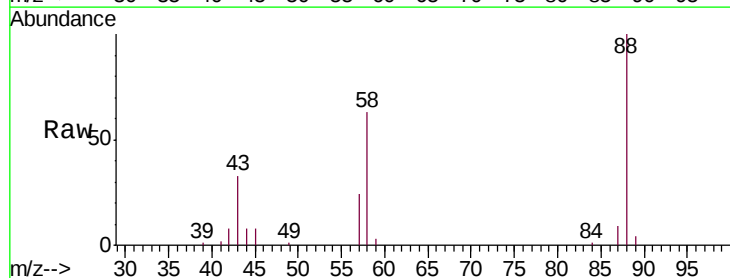
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



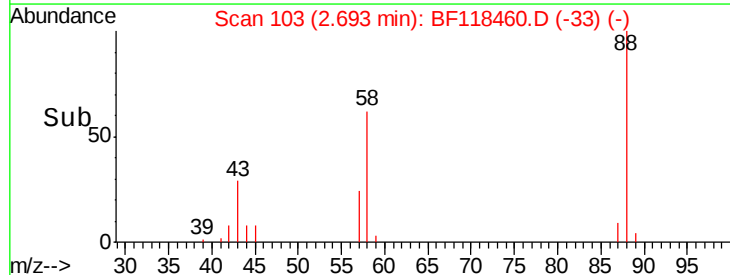
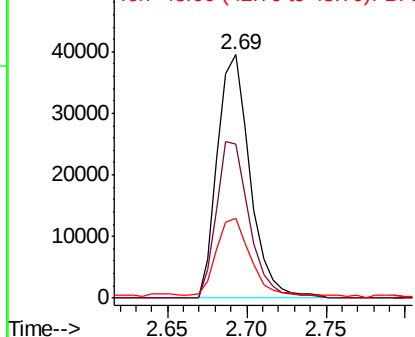
#2

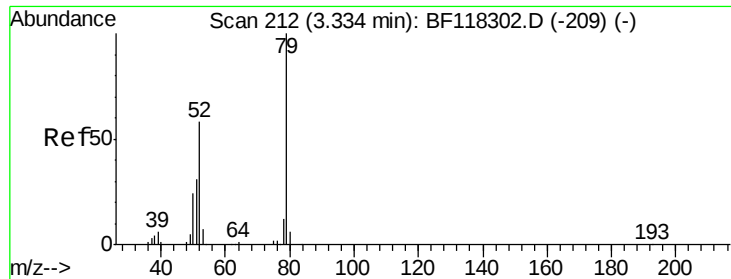
1,4-Dioxane
Concen: 25.124 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.11 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Tgt Ion: 88 Resp: 56823
Ion Ratio Lower Upper
88 100
58 64.6 47.6 71.4
43 37.2 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: 22.584 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.12 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

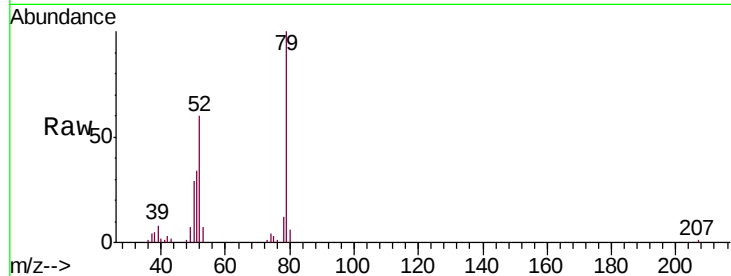
Tgt Ion: 79 Resp: 136087

Ion Ratio Lower Upper

79 100

52 59.6 46.4 69.6

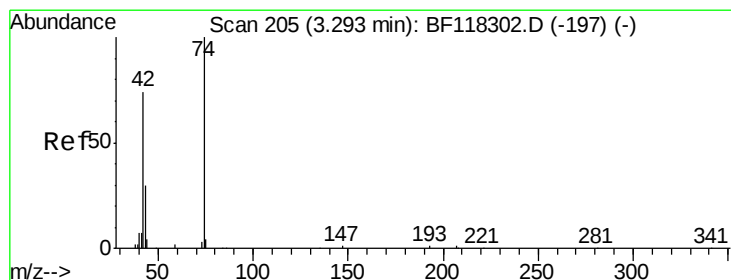
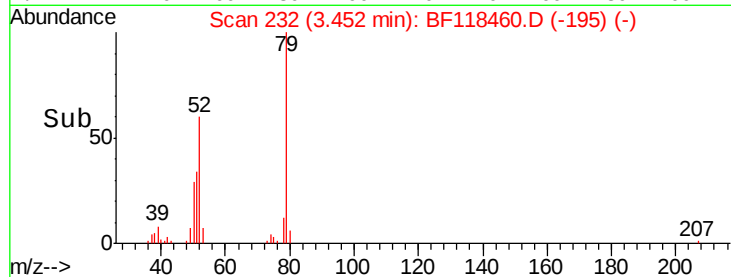
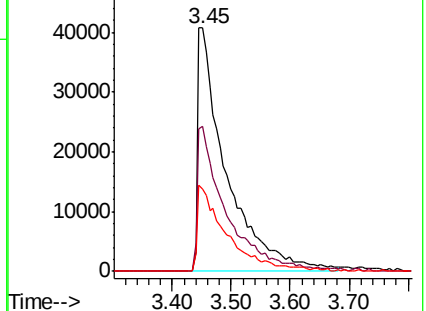
51 33.6 24.9 37.3



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: 37.284 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.11 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

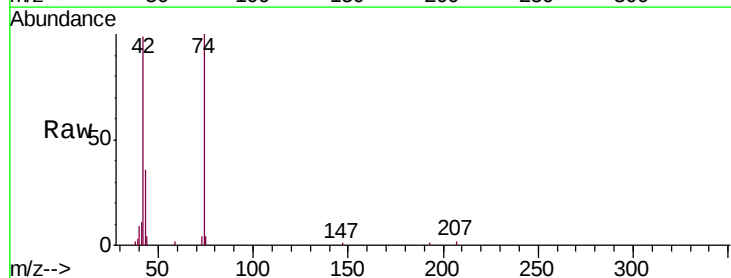
Tgt Ion: 42 Resp: 92888

Ion Ratio Lower Upper

42 100

74 101.3 107.7 161.5#

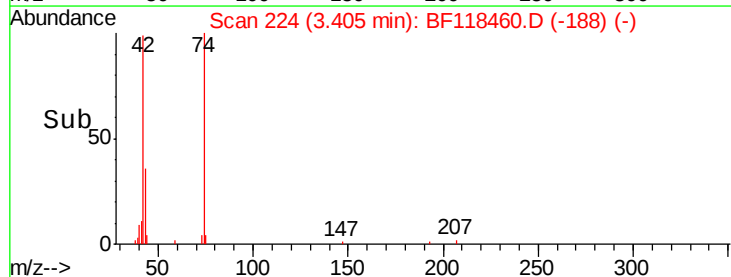
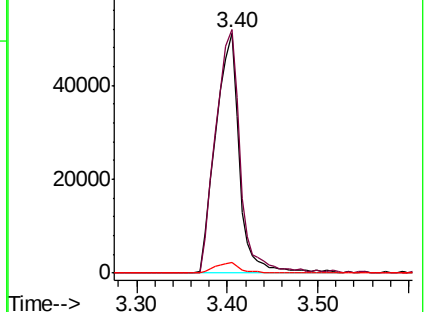
44 4.4 4.8 7.2#

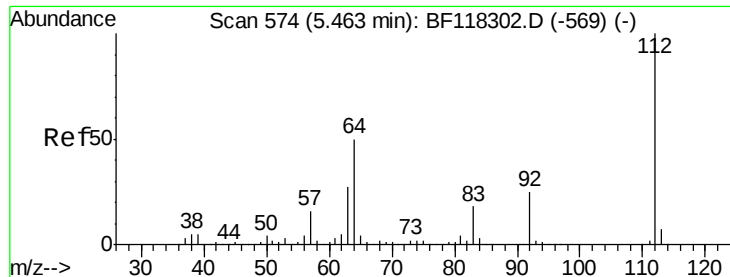


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 105.318 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

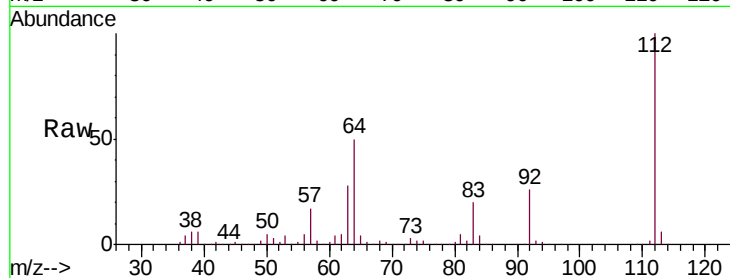
Instrument :

BNA_F

ClientSampleId :

PB125813BS

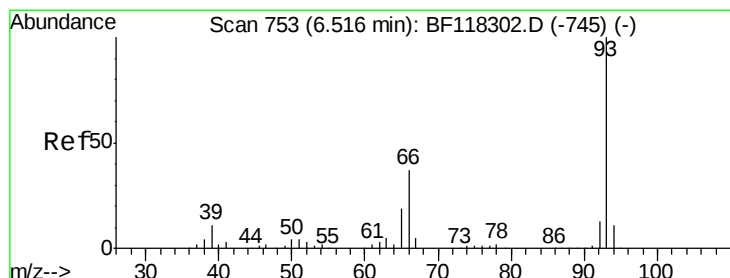
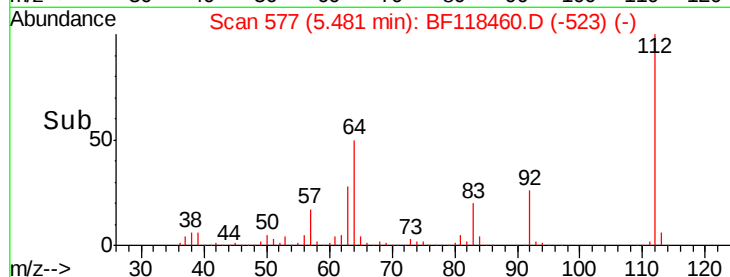
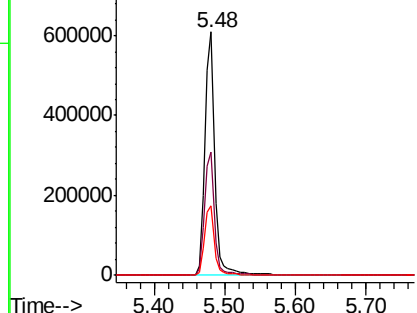
Tgt Ion:	112	Resp:	599187
Ion	Ratio	Lower	Upper
112	100		
64	50.4	39.7	59.5
63	28.4	21.7	32.5



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: 24.302 ng

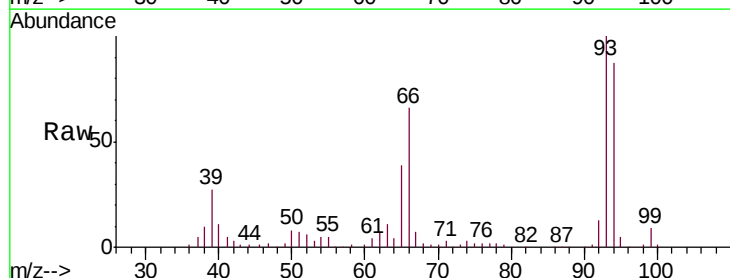
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

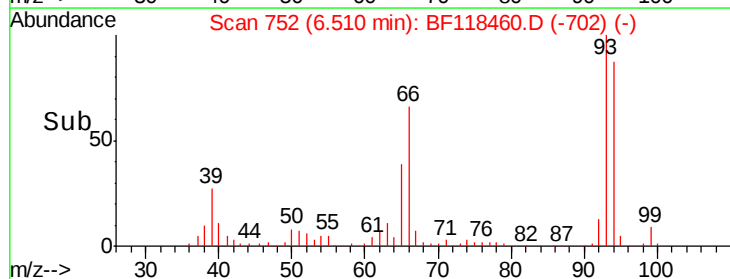
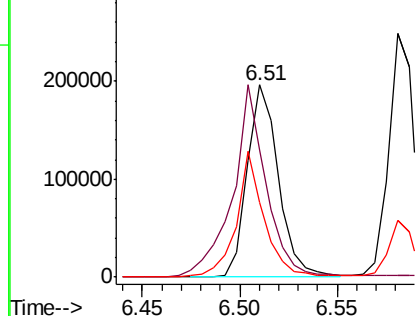
Tgt Ion:	93	Resp:	217791
Ion	Ratio	Lower	Upper
93	100		
66	66.2	30.2	45.4#
65	39.0	15.7	23.5#

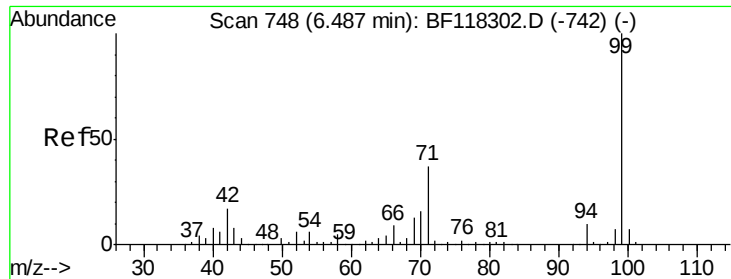


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.099 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

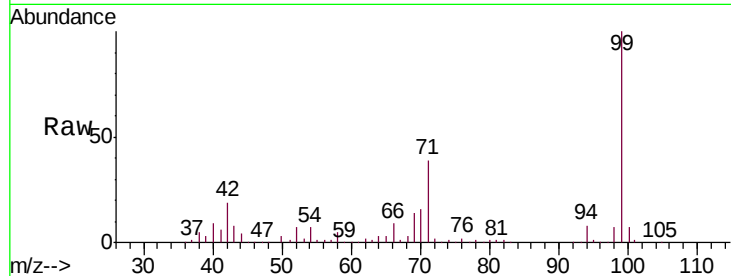
Tgt Ion: 99 Resp: 762935

Ion Ratio Lower Upper

99 100

42 18.6 13.5 20.3

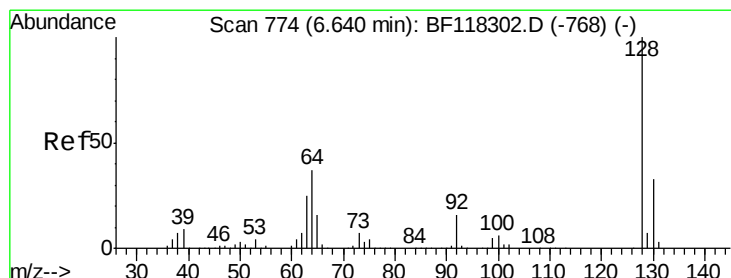
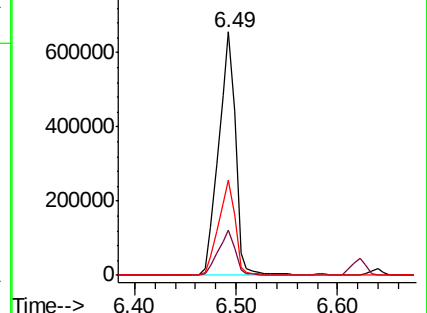
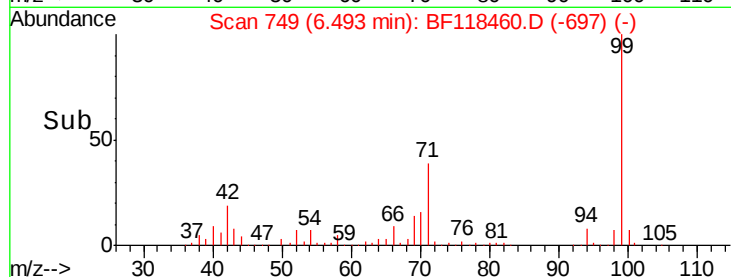
71 39.1 29.4 44.2



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: 41.260 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

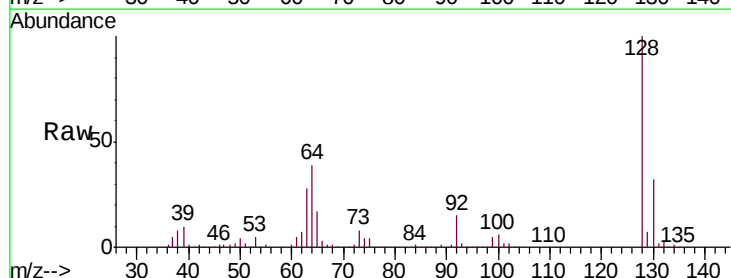
Tgt Ion: 128 Resp: 265860

Ion Ratio Lower Upper

128 100

130 32.3 13.2 53.2

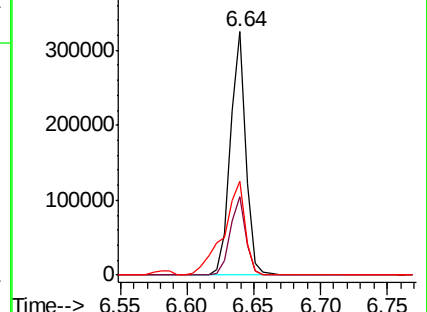
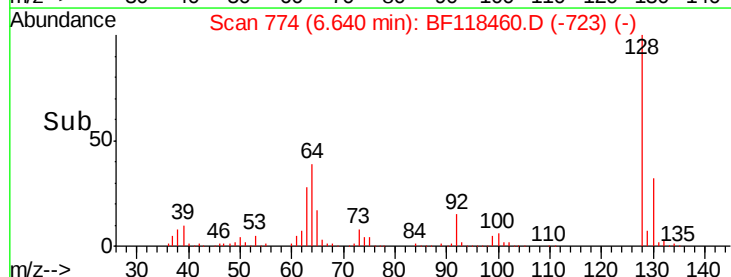
64 38.7 17.7 57.7

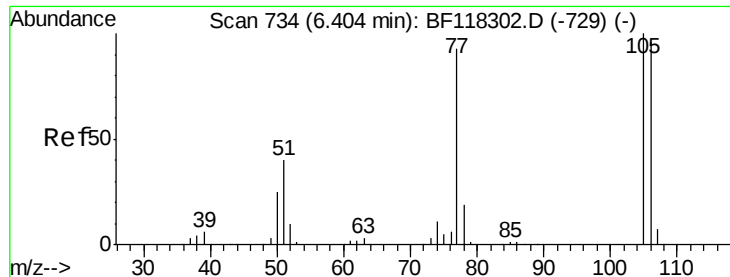


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.189 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

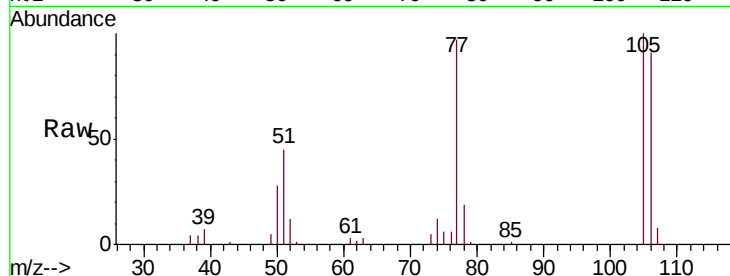
Tgt Ion: 77 Resp: 38023

Ion Ratio Lower Upper

77 100

105 103.0 87.5 127.5

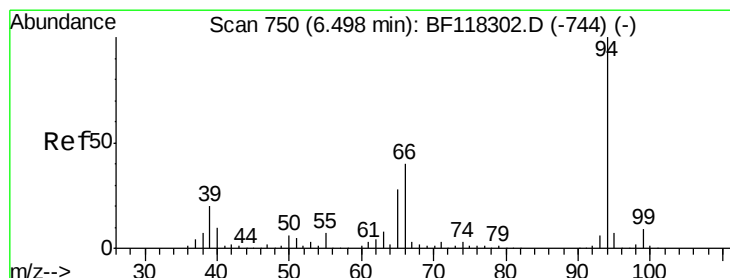
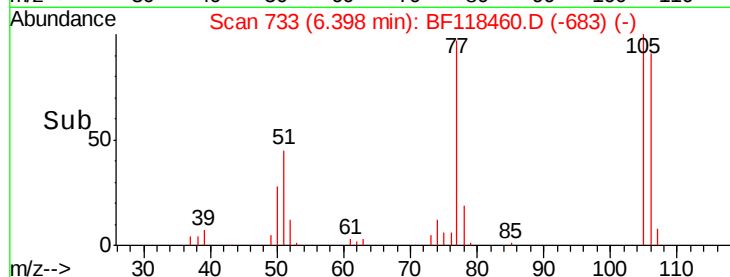
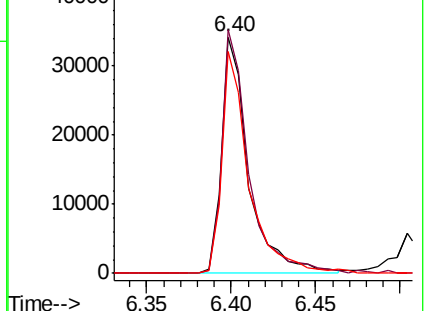
106 93.9 83.6 123.6



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: 38.434 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

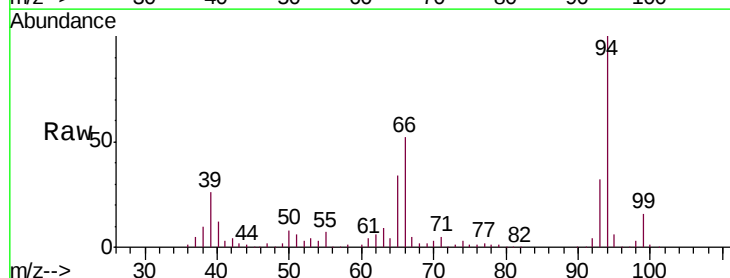
Tgt Ion: 94 Resp: 304881

Ion Ratio Lower Upper

94 100

65 34.2 7.8 47.8

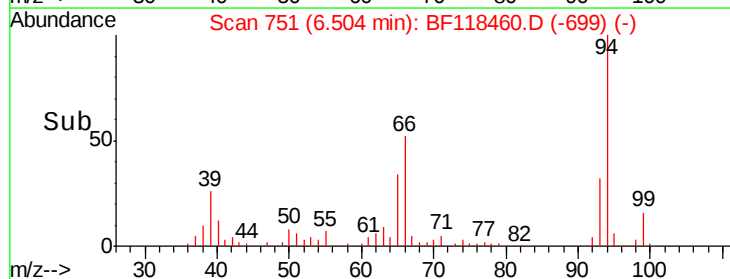
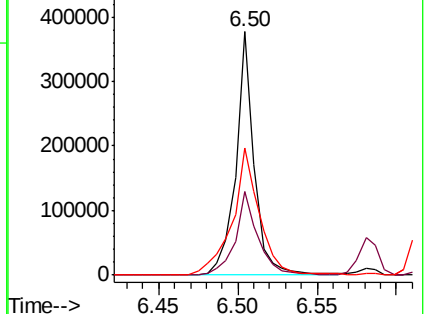
66 52.1 20.4 60.4

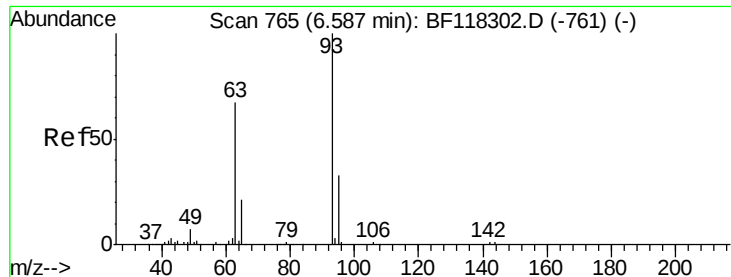


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

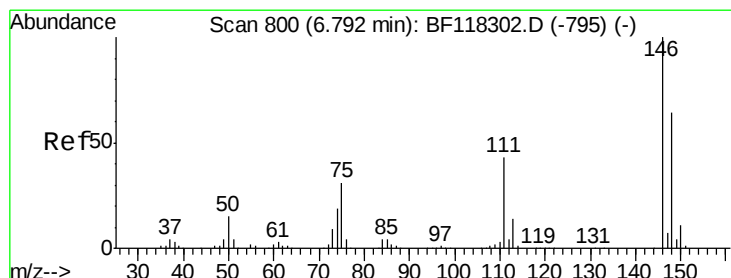
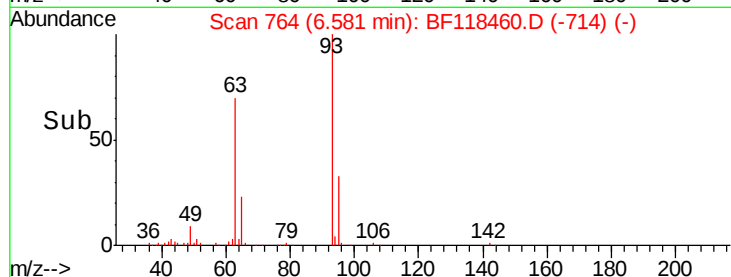
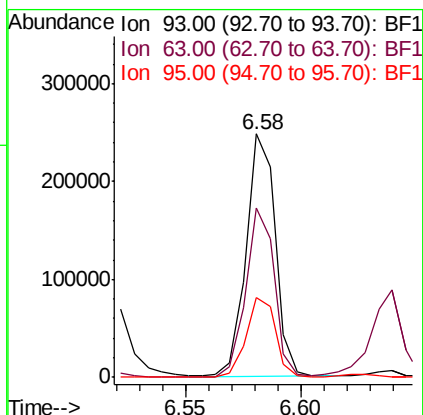
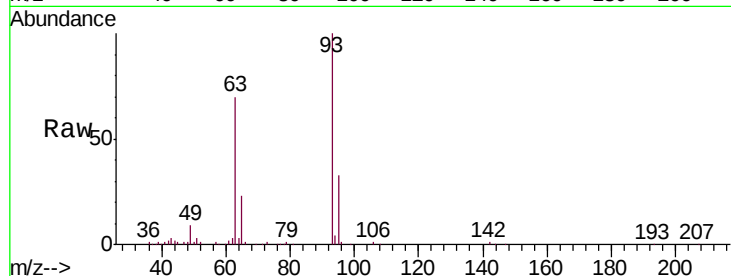




#11
 bis(2-Chloroethyl)ether
 Concen: 38.632 ng
 RT: 6.58 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

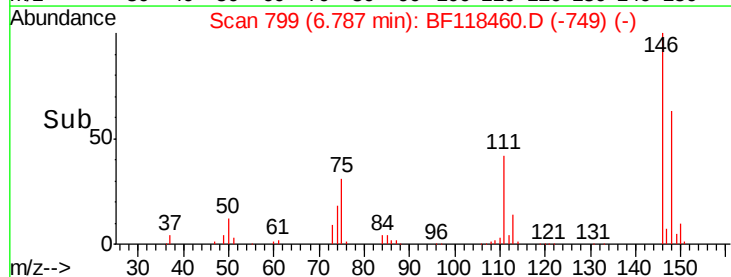
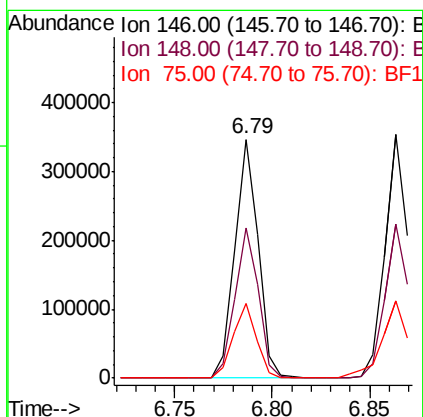
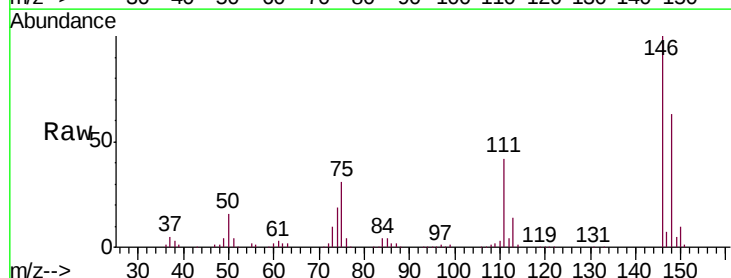
Instrument :
 BNA_F
 ClientSampleId :
 PB125813BS

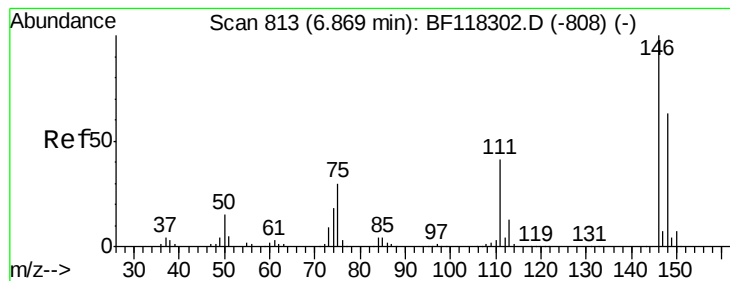
Tgt Ion: 93 Resp: 219163
 Ion Ratio Lower Upper
 93 100
 63 69.6 47.0 87.0
 95 32.9 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 38.779 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Tgt Ion: 146 Resp: 287776
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.4 77.0
 75 31.0 24.4 36.6





#13

1,4-Dichlorobenzene

Concen: 38.691 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

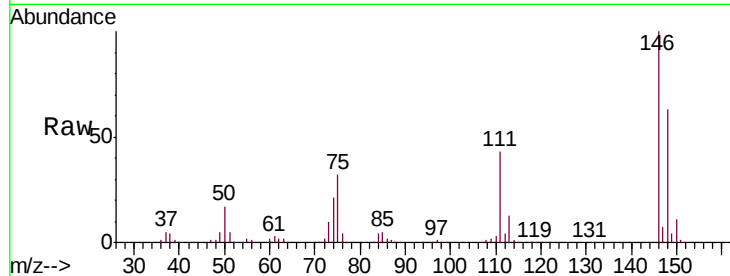
Tgt Ion:146 Resp: 291641

Ion Ratio Lower Upper

146 100

148 63.1 50.3 75.5

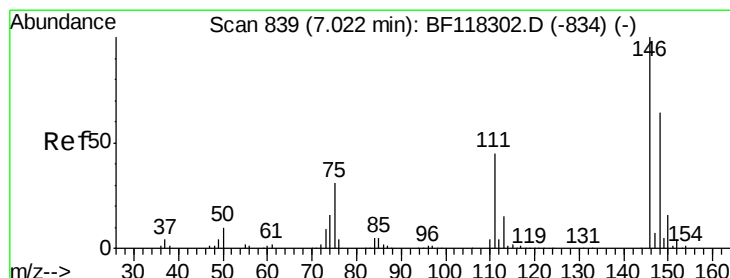
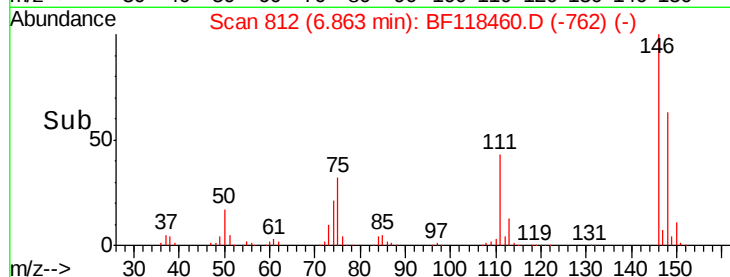
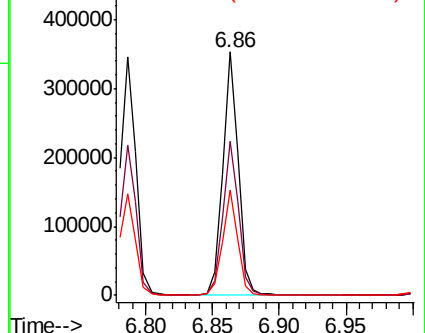
111 43.2 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.014 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

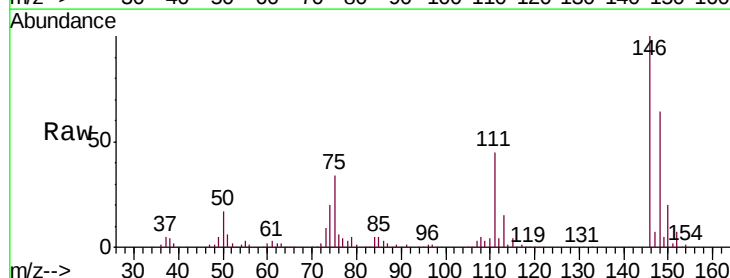
Tgt Ion:146 Resp: 277643

Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

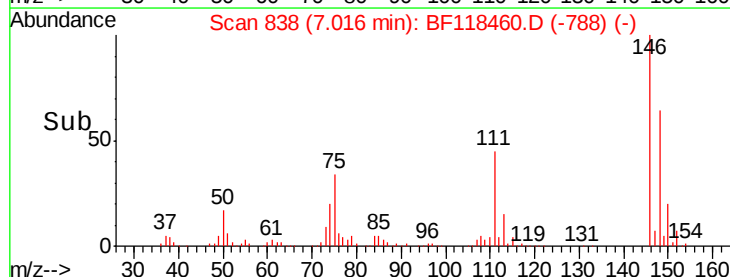
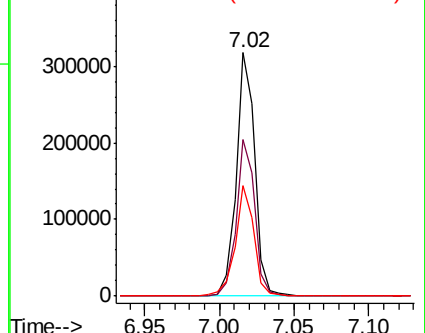
111 45.2 35.7 53.5

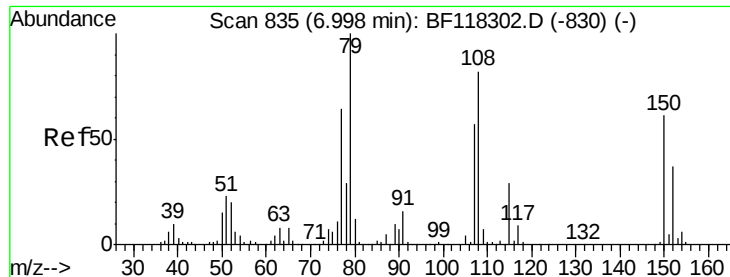


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.557 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

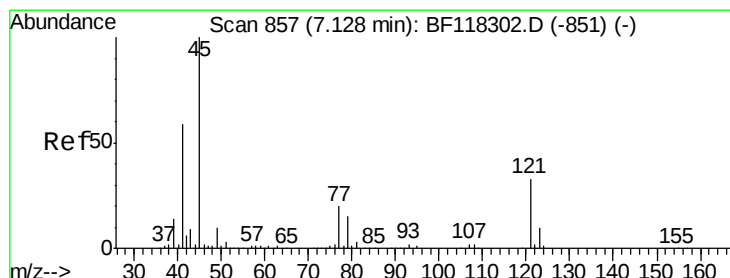
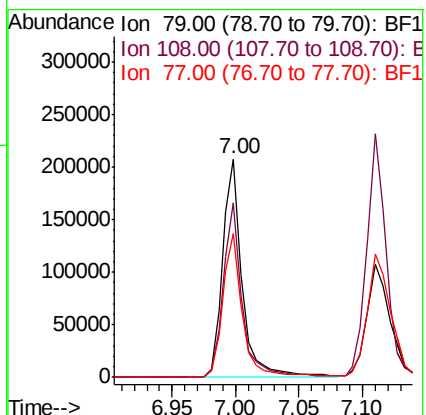
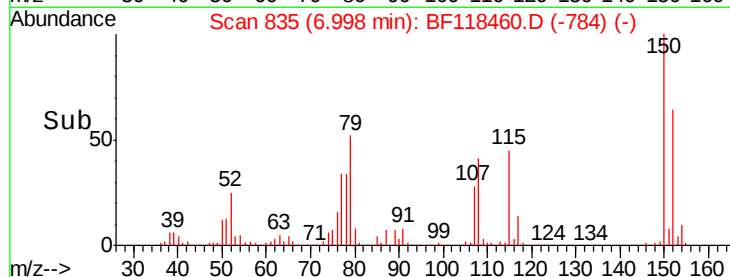
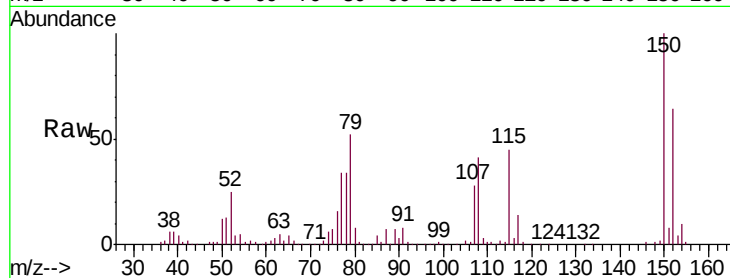
Tgt Ion: 79 Resp: 223314

Ion Ratio Lower Upper

79 100

108 79.8 65.4 98.0

77 65.7 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.057 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

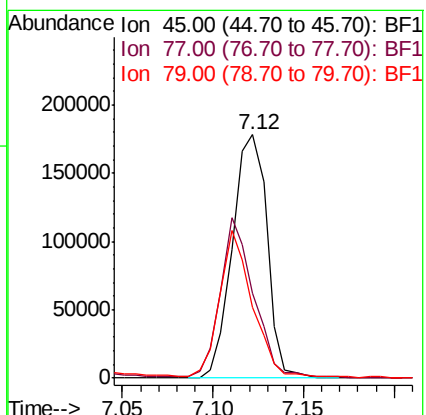
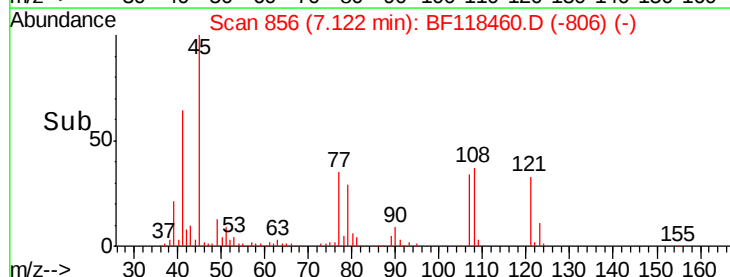
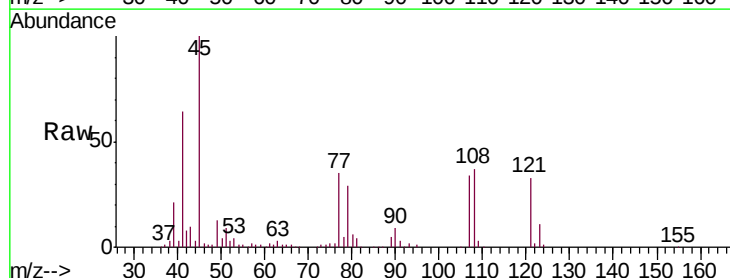
Tgt Ion: 45 Resp: 236439

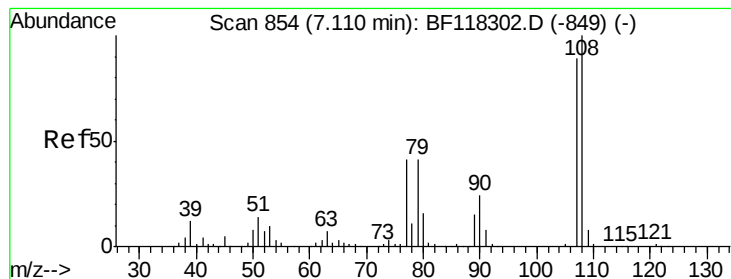
Ion Ratio Lower Upper

45 100

77 34.7 1.2 41.2

79 29.0 0.0 37.0





#17

2-Methylphenol

Concen: 42.004 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

Tgt Ion:107 Resp: 217083

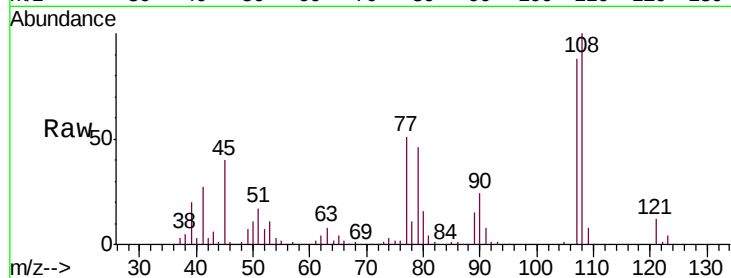
Ion Ratio Lower Upper

107 100

108 113.4 89.7 134.5

77 57.4 37.2 55.8#

79 52.7 36.7 55.1

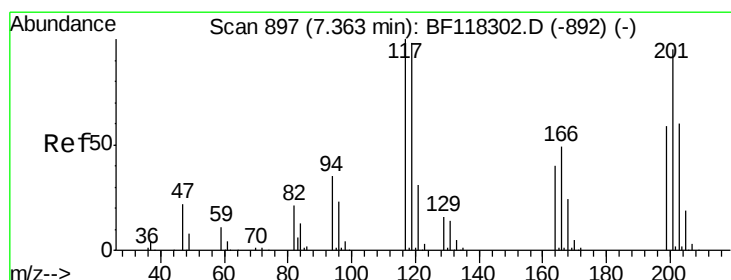
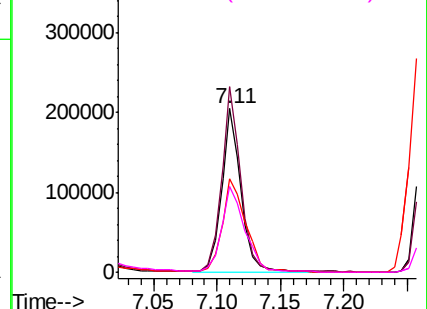
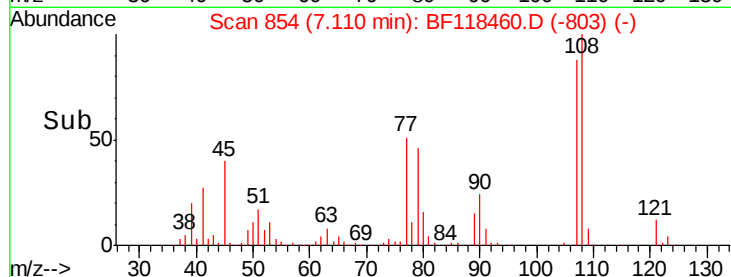


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.016 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

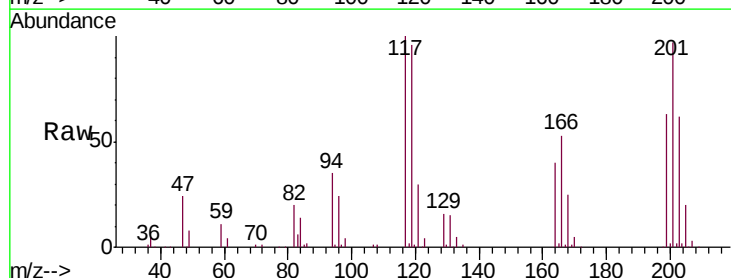
Tgt Ion:117 Resp: 105169

Ion Ratio Lower Upper

117 100

119 96.4 78.0 117.0

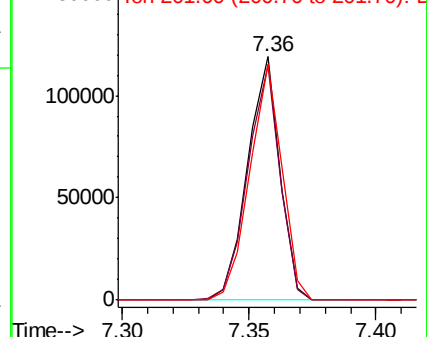
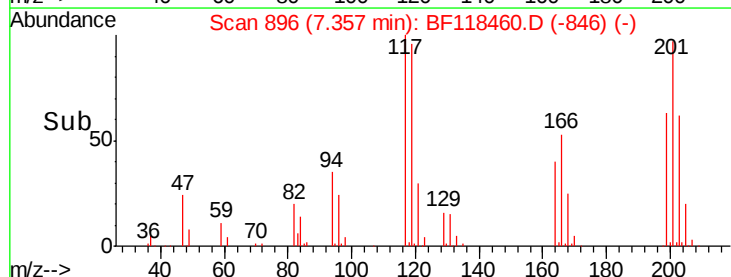
201 97.1 76.2 114.2

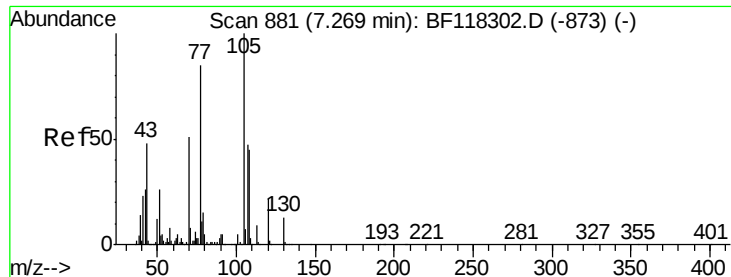


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

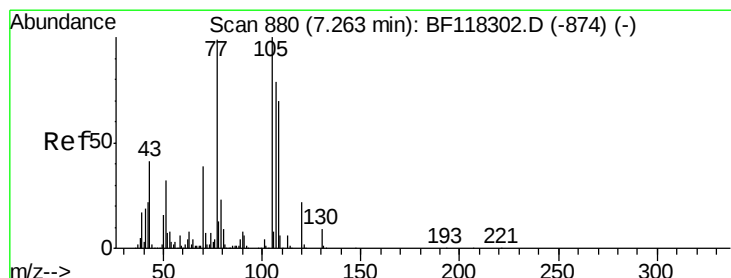
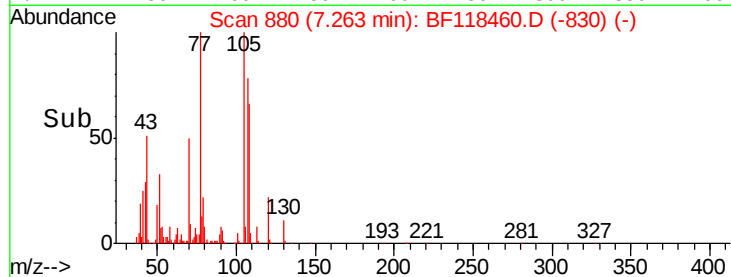
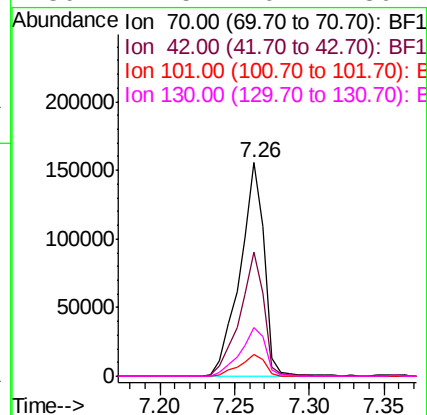
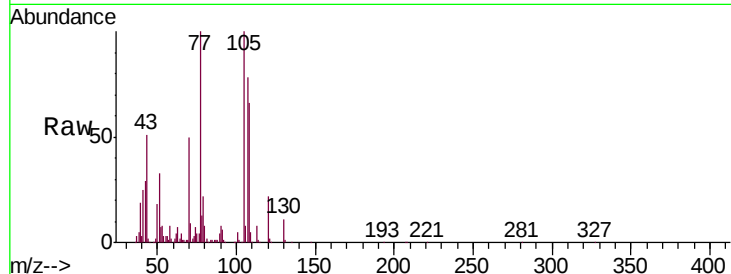




#19
n-Nitroso-di-n-propylamine
Concen: 40.510 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

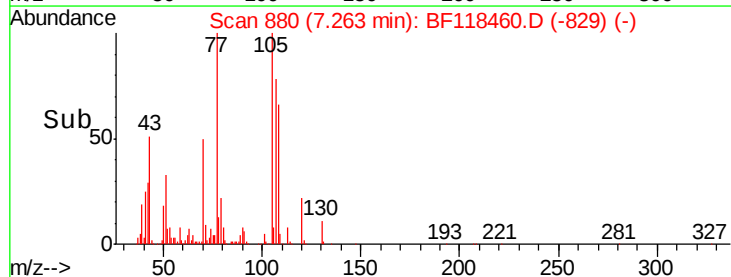
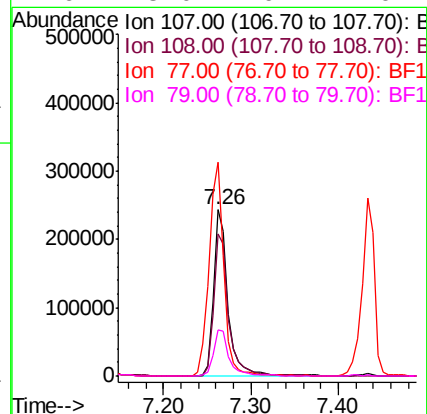
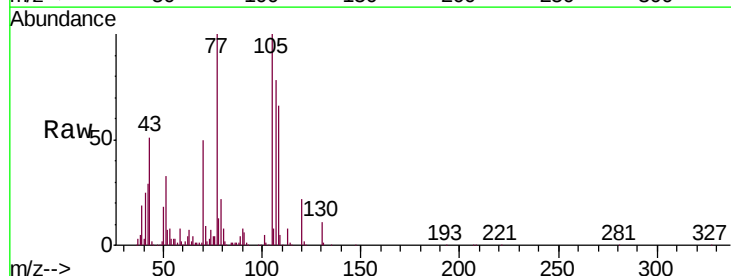
Instrument :
BNA_F
ClientSampleId :
PB125813BS

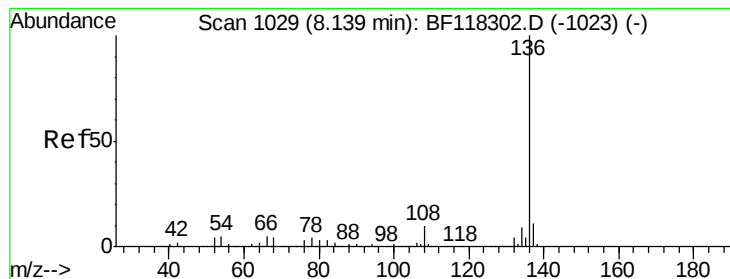
Tgt Ion:	70	Resp:	176131
Ion	Ratio	Lower	Upper
70	100		
42	58.4	41.1	61.7
101	10.3	8.3	12.5
130	22.5	20.1	30.1



#20
3+4-Methylphenols
Concen: 41.526 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Tgt Ion:	107	Resp:	274671
Ion	Ratio	Lower	Upper
107	100		
108	85.4	69.3	109.3
77	128.7	105.9	145.9
79	28.0	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: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

Tgt Ion:136 Resp: 390767

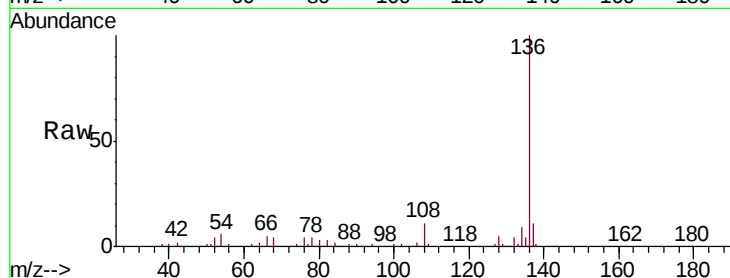
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.0 4.2 6.4

68 4.3 3.5 5.3

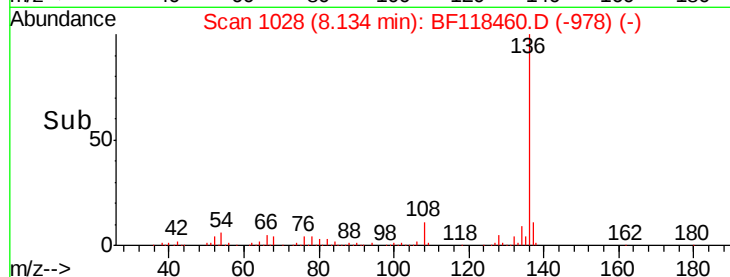


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

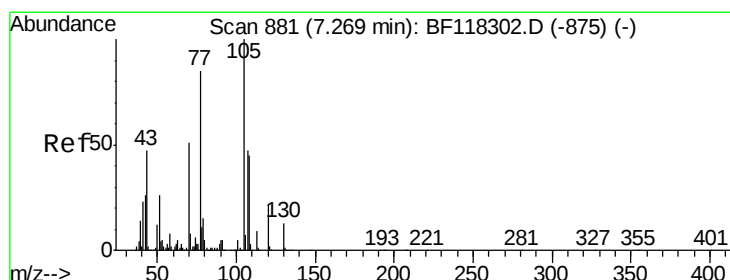
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



8.13

Time-->



#22

Acetophenone

Concen: 38.290 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Tgt Ion:105 Resp: 366712

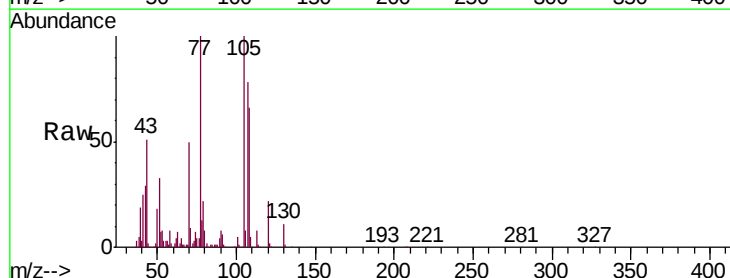
Ion Ratio Lower Upper

105 100

71 8.5 6.6 9.8

51 32.8 20.6 30.8#

120 22.2 18.0 27.0

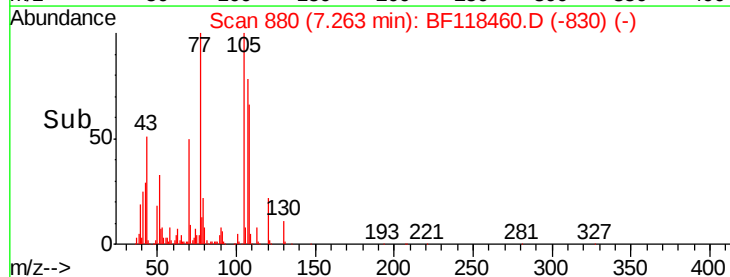


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

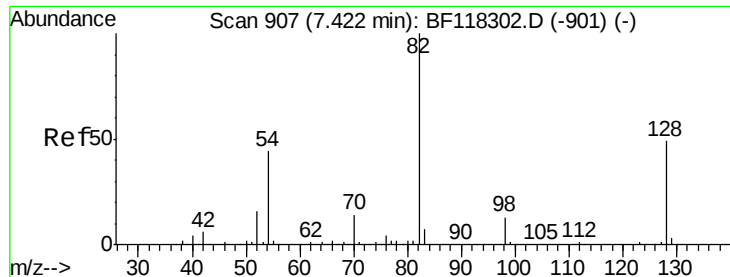
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



7.26

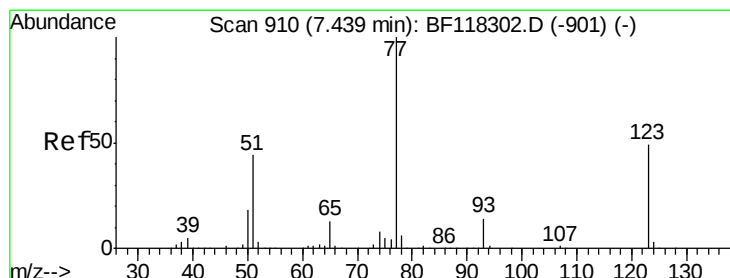
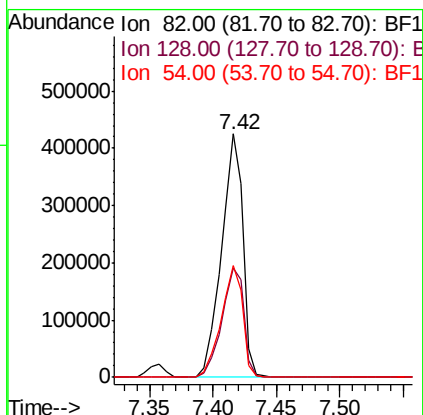
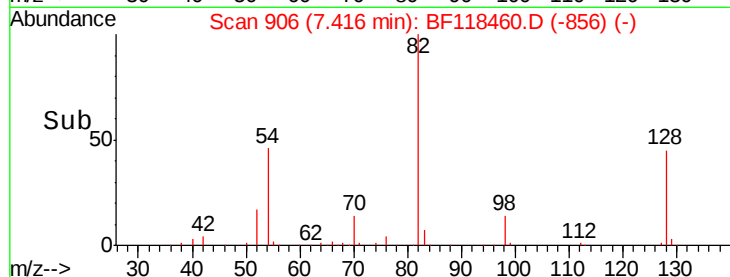
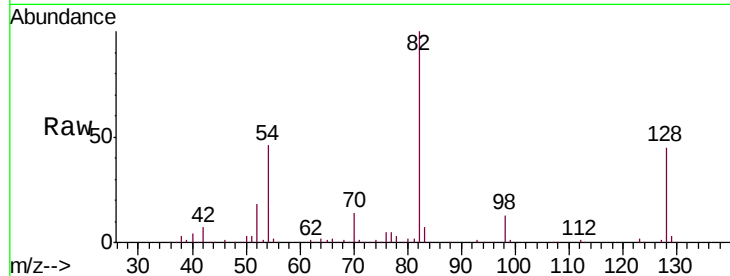
Time-->



#23
 Nitrobenzene-d5
 Concen: 72.619 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

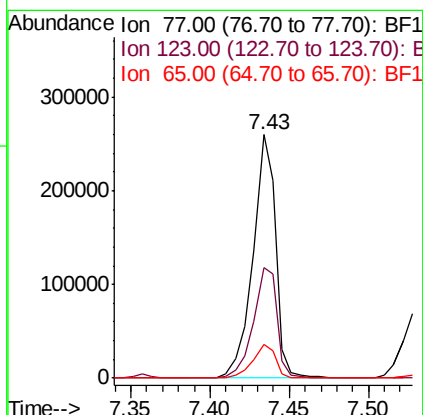
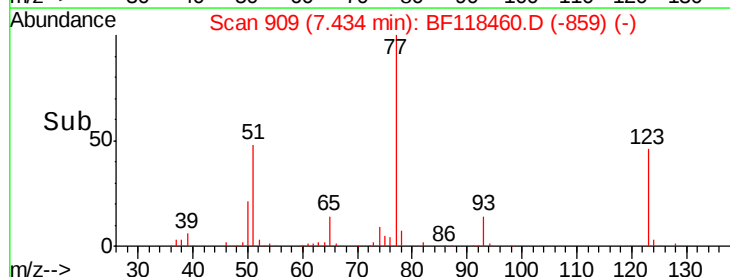
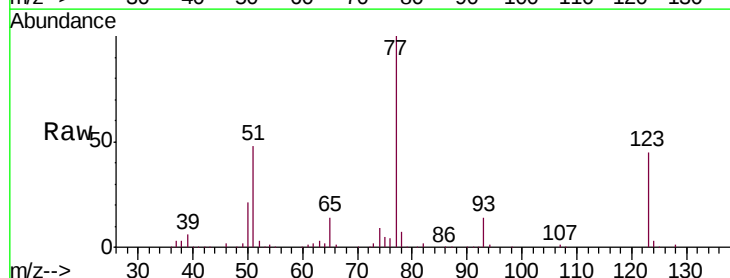
Instrument :
 BNA_F
 ClientSampleId :
 PB125813BS

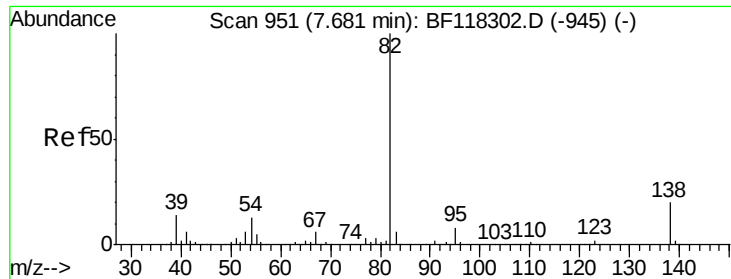
Tgt Ion: 82 Resp: 496144
 Ion Ratio Lower Upper
 82 100
 128 44.7 39.6 59.4
 54 46.2 34.9 52.3



#24
 Nitrobenzene
 Concen: 37.851 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Tgt Ion: 77 Resp: 259050
 Ion Ratio Lower Upper
 77 100
 123 45.3 39.1 58.7
 65 13.8 10.6 16.0





#25

Isophorone

Concen: 38.644 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

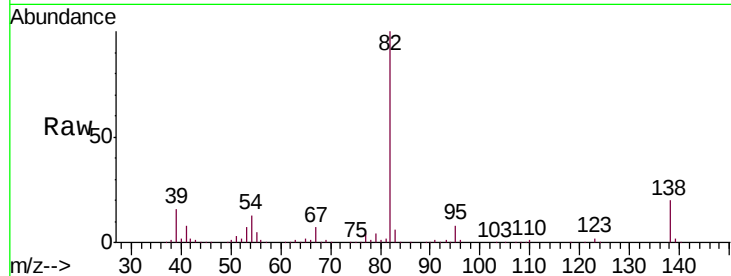
Tgt Ion: 82 Resp: 460137

Ion Ratio Lower Upper

82 100

95 8.2 6.3 9.5

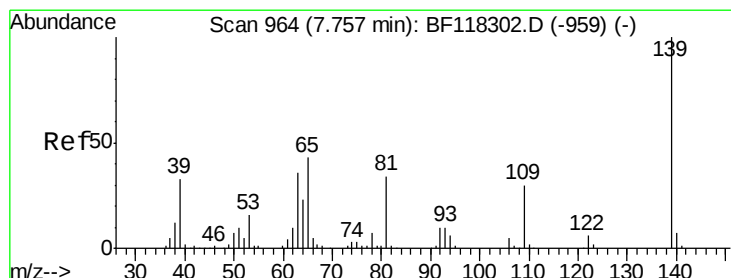
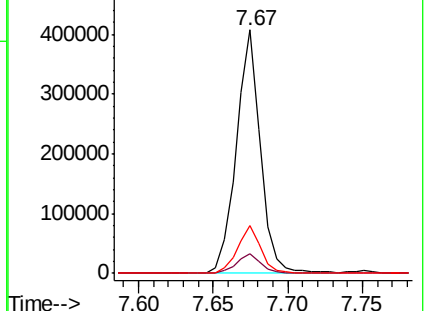
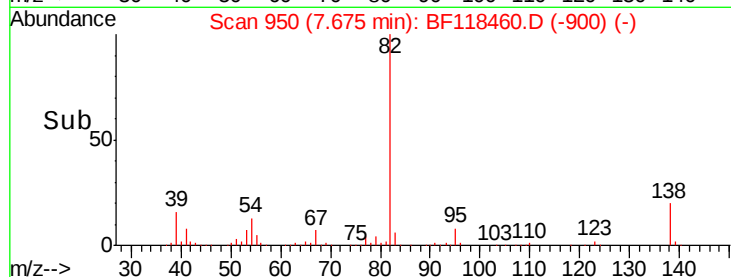
138 19.9 16.2 24.2



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: 38.833 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

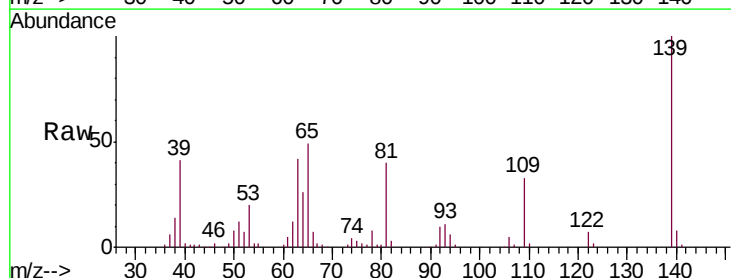
Tgt Ion: 139 Resp: 140773

Ion Ratio Lower Upper

139 100

109 33.4 24.1 36.1

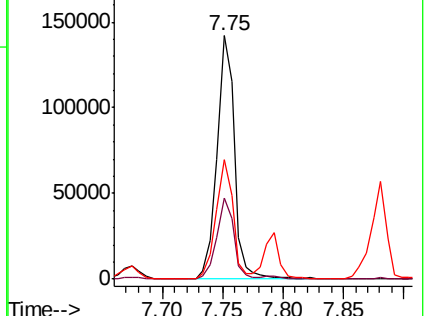
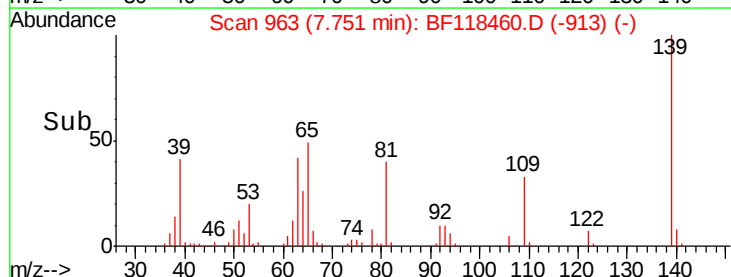
65 49.1 34.6 52.0

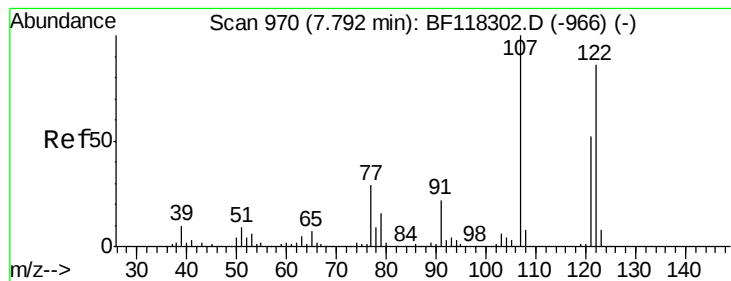


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.760 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

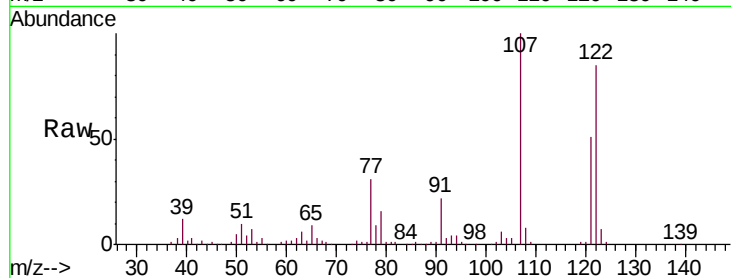
Tgt Ion:122 Resp: 216439

Ion Ratio Lower Upper

122 100

107 117.6 92.9 139.3

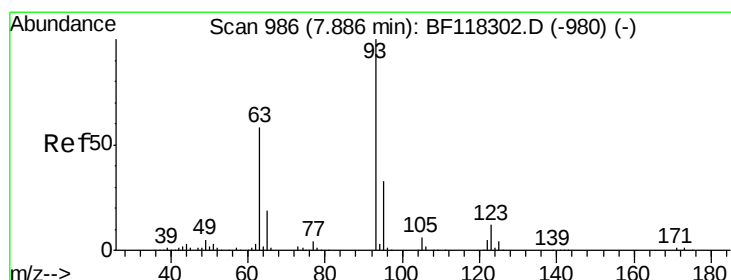
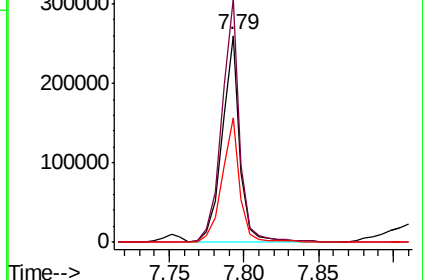
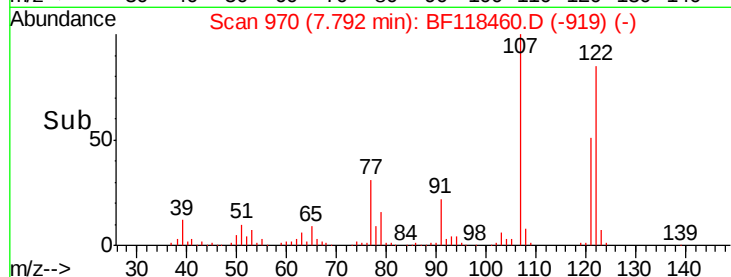
121 60.4 47.9 71.9



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: 34.678 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

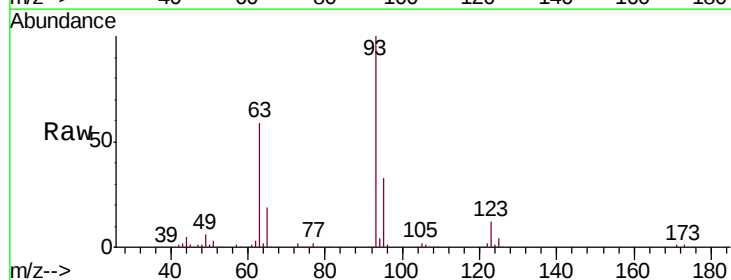
Tgt Ion: 93 Resp: 270046

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

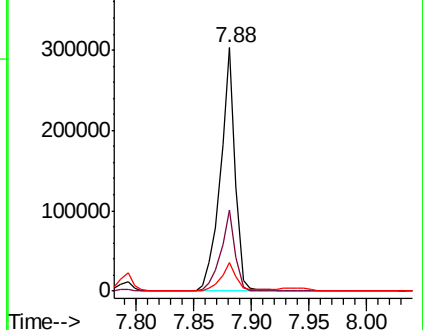
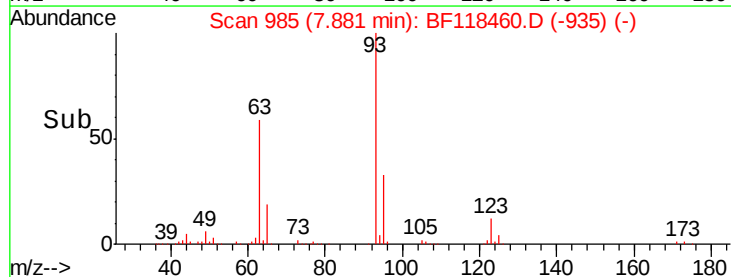
123 12.0 9.8 14.8

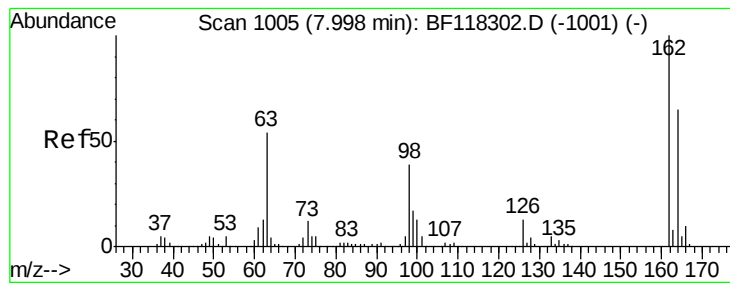


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.628 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

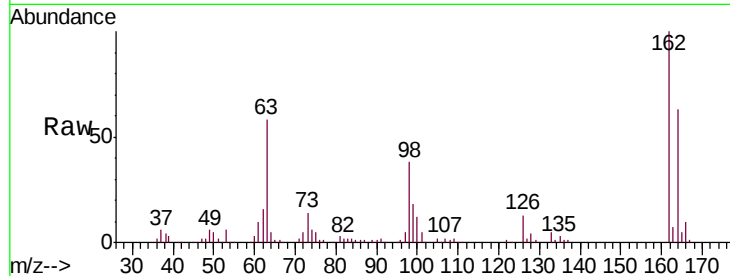
Tgt Ion:162 Resp: 214212

Ion Ratio Lower Upper

162 100

164 63.4 45.1 85.1

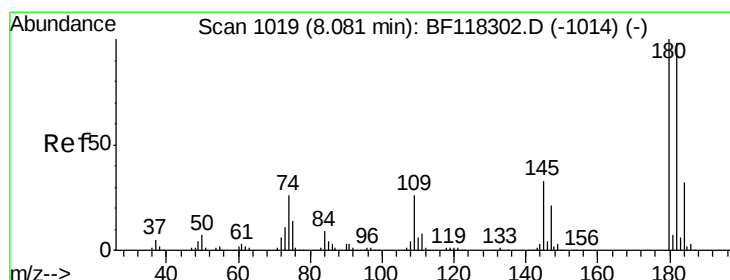
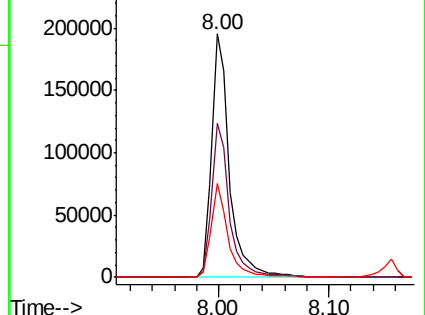
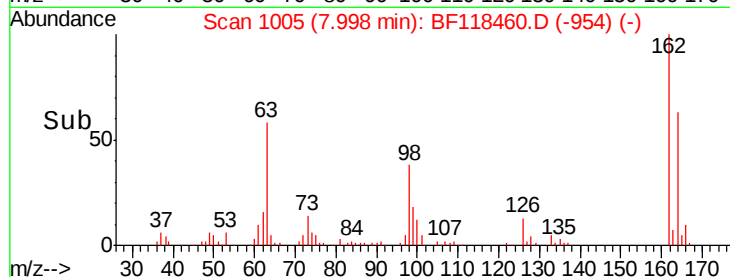
98 38.4 18.6 58.6



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: 36.230 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

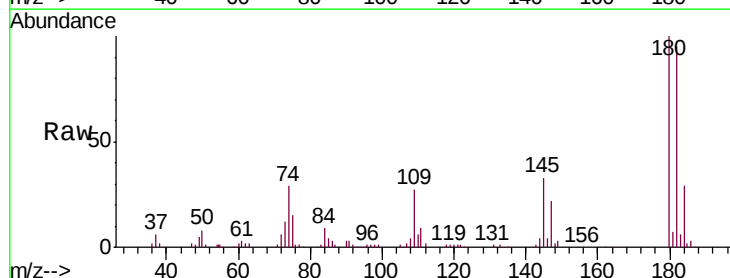
Tgt Ion:180 Resp: 240260

Ion Ratio Lower Upper

180 100

182 94.6 78.3 117.5

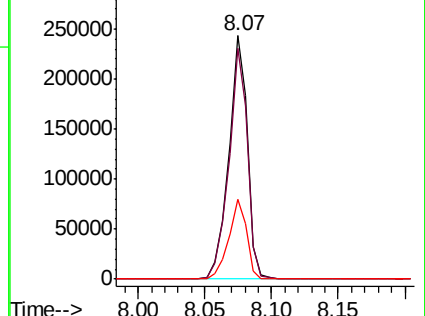
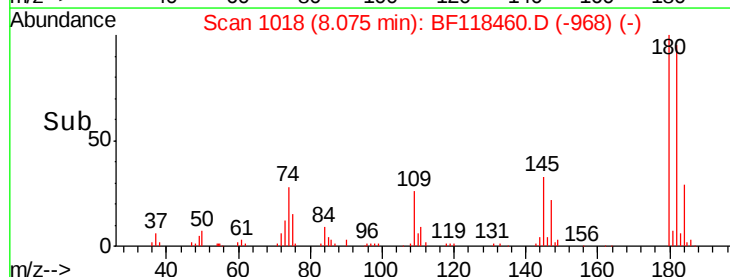
145 33.0 26.7 40.1

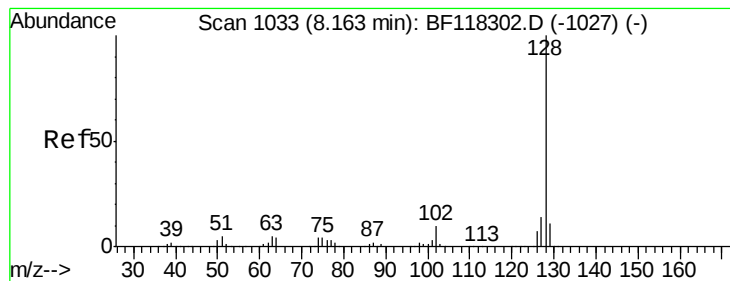


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.749 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

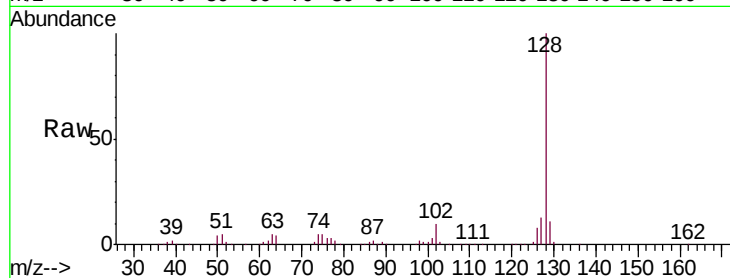
Tgt Ion:128 Resp: 749740

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

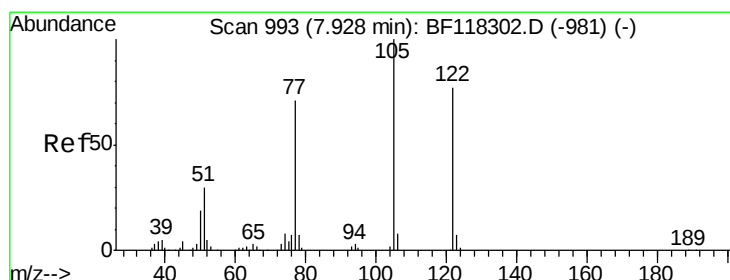
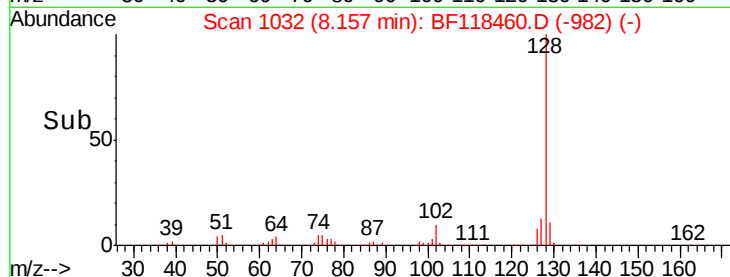
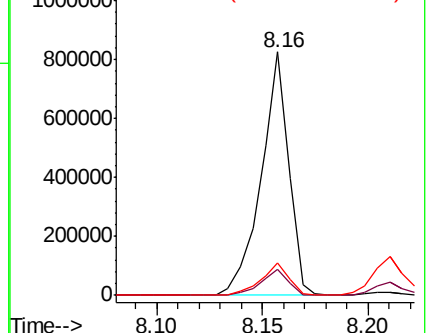
127 13.4 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.358 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.02 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

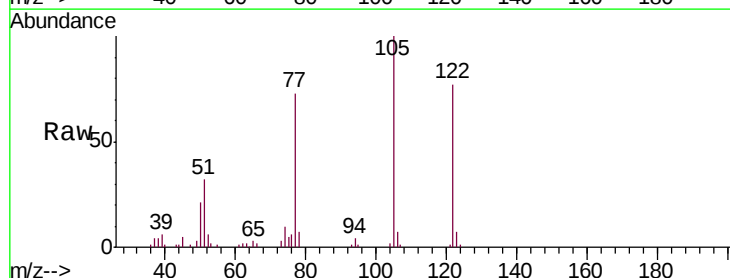
Tgt Ion:122 Resp: 121648

Ion Ratio Lower Upper

122 100

105 130.3 106.8 146.8

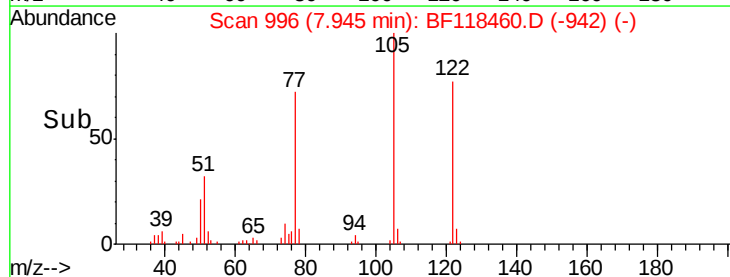
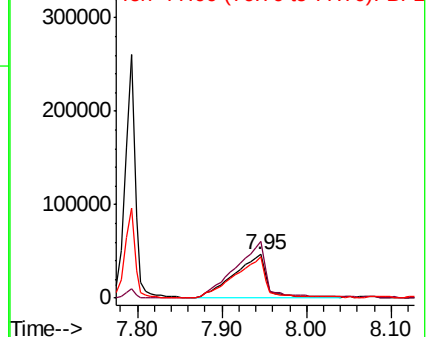
77 94.8 70.4 110.4

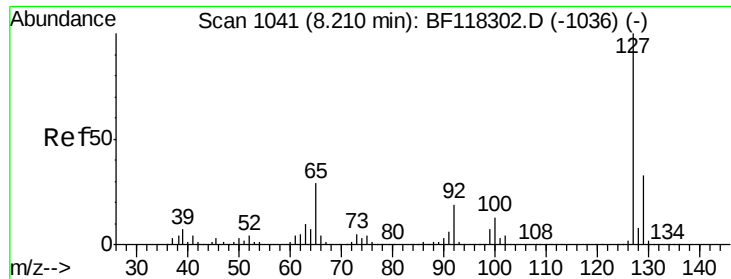


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

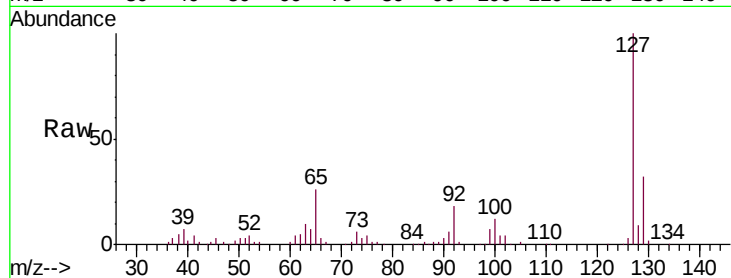




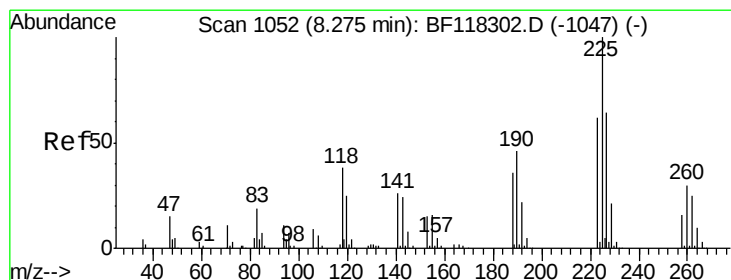
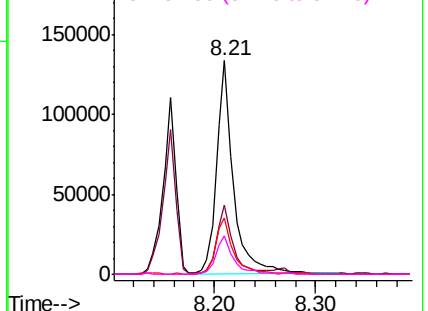
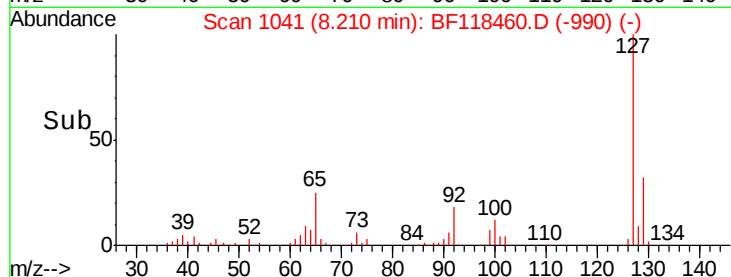
#33
4-Chloroaniline
Concen: 18.133 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB125813BS

Tgt Ion:	127	Resp:	154389
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.5	39.7
65	26.3	22.8	34.2
92	18.2	15.5	23.3

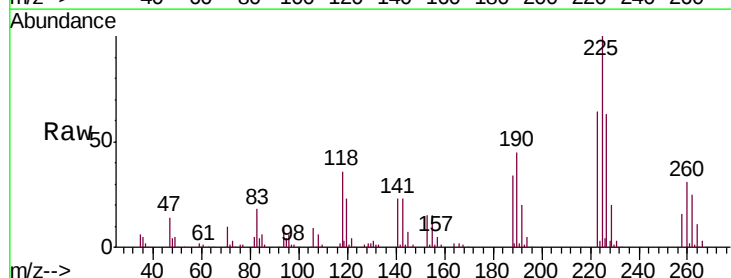


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

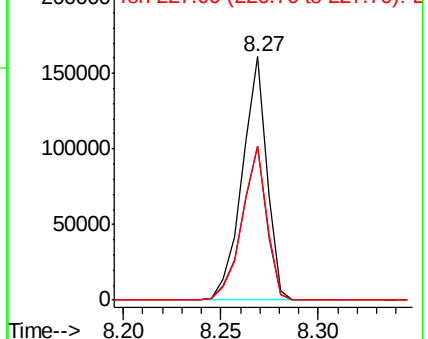
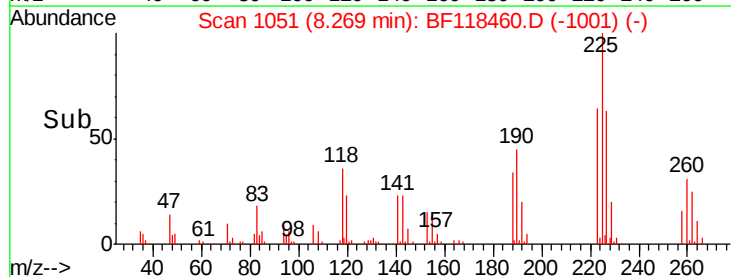


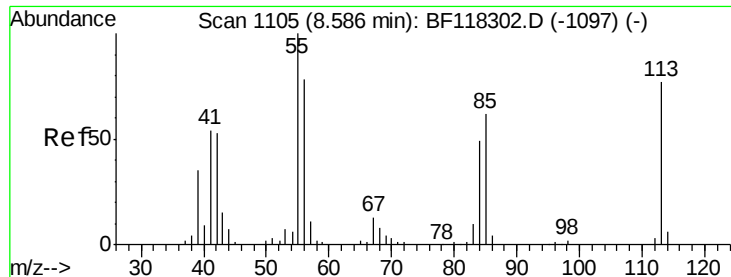
#34
Hexachlorobutadiene
Concen: 35.808 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Tgt Ion:	225	Resp:	141352
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.5	74.3
227	63.4	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

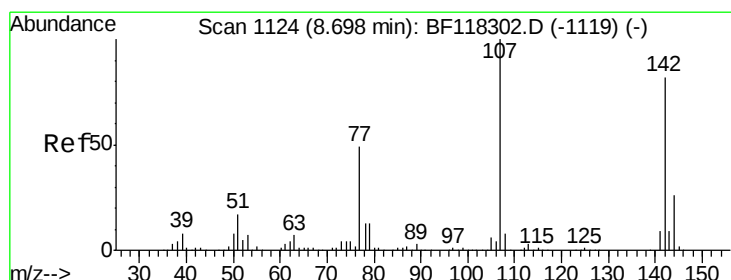
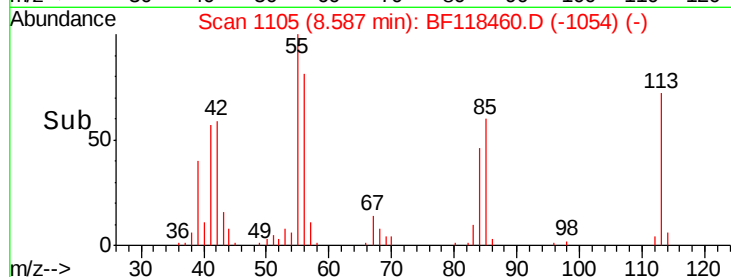
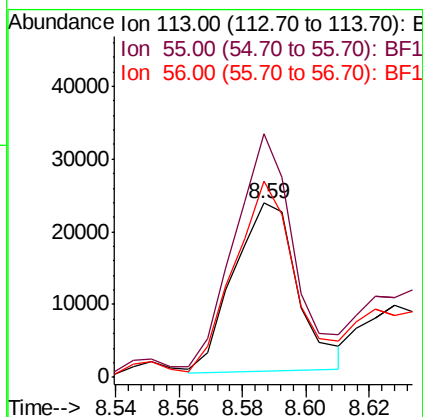
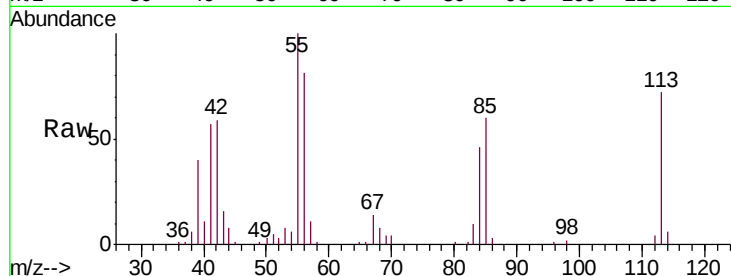




#35
 Caprolactam
 Concen: 18.403 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

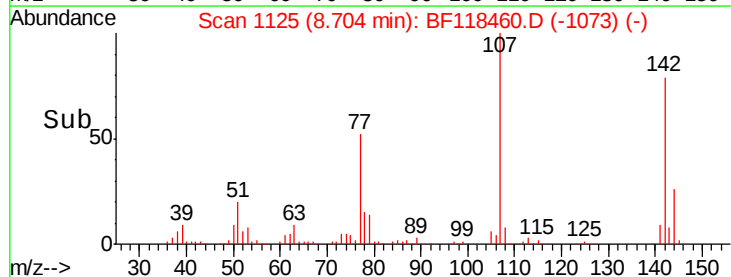
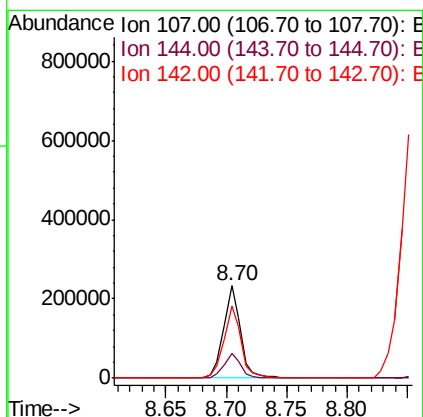
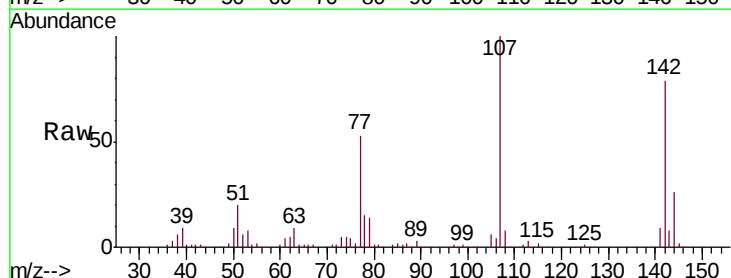
Instrument :
 BNA_F
 ClientSampleId :
 PB125813BS

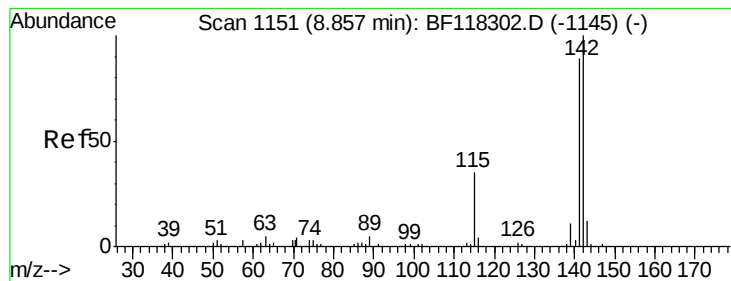
Tgt Ion:113 Resp: 32707
 Ion Ratio Lower Upper
 113 100
 55 139.6 109.8 149.8
 56 112.9 81.7 121.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.243 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Tgt Ion:107 Resp: 227629
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.2 31.8
 142 78.6 65.4 98.2





#37

2-Methylnaphthalene

Concen: 39.100 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

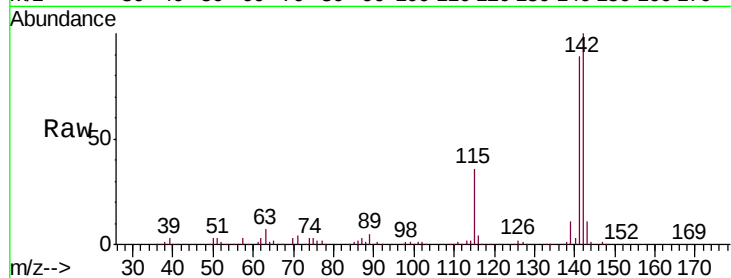
Tgt Ion:142 Resp: 531696

Ion Ratio Lower Upper

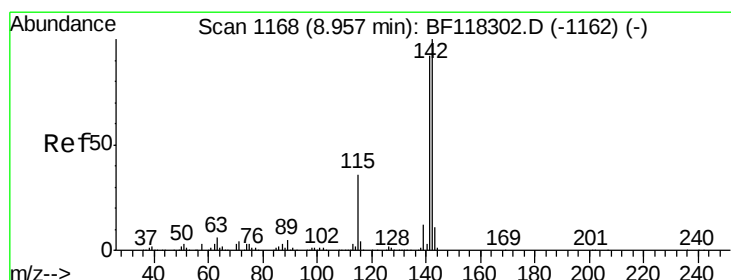
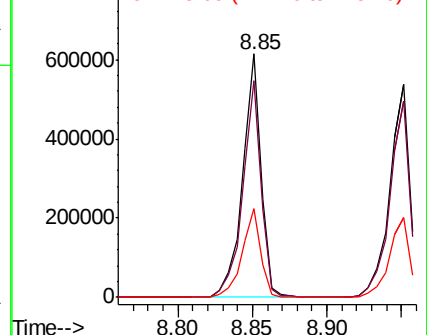
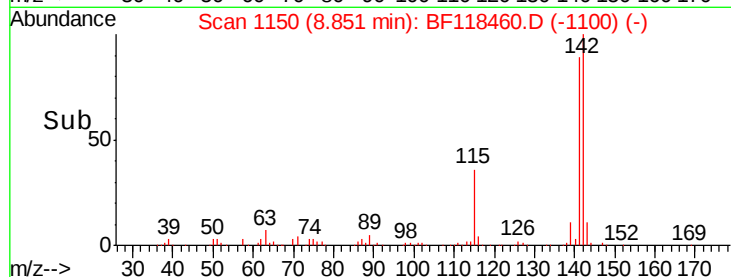
142 100

141 89.0 71.2 106.8

115 36.2 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: 38.287 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

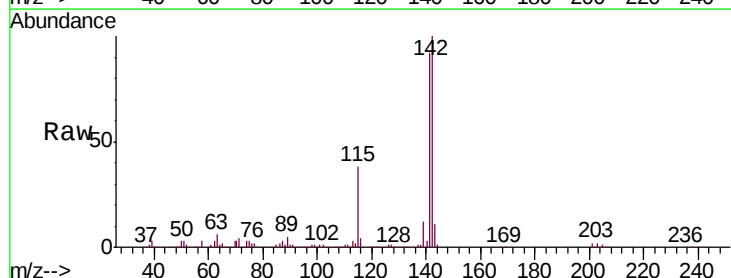
Tgt Ion:142 Resp: 490517

Ion Ratio Lower Upper

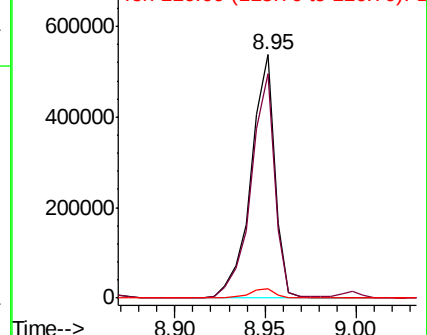
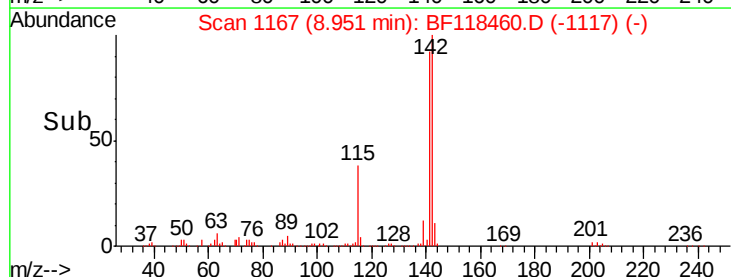
142 100

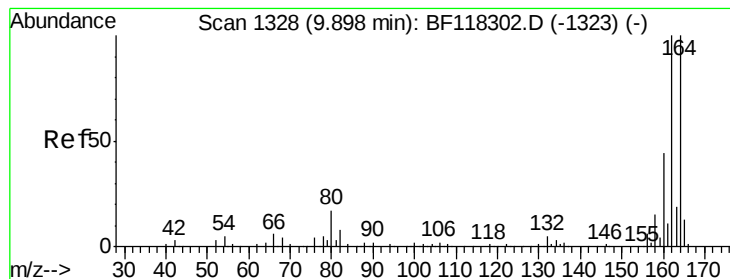
141 92.3 73.4 110.2

116 3.8 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: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

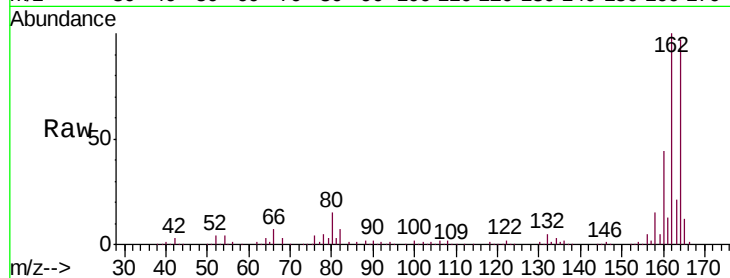
Tgt Ion:164 Resp: 219584

Ion Ratio Lower Upper

164 100

162 103.5 80.0 120.0

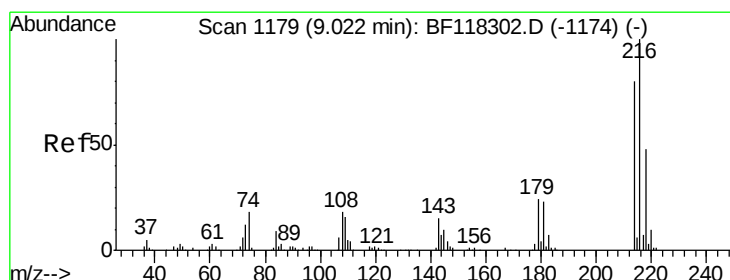
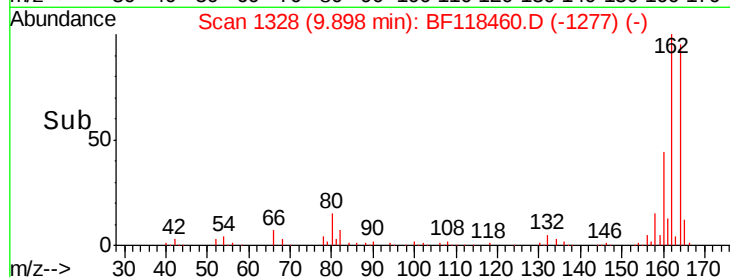
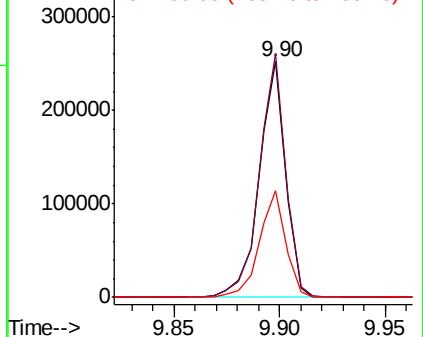
160 45.2 34.8 52.2



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: 33.759 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Tgt Ion:216 Resp: 222729

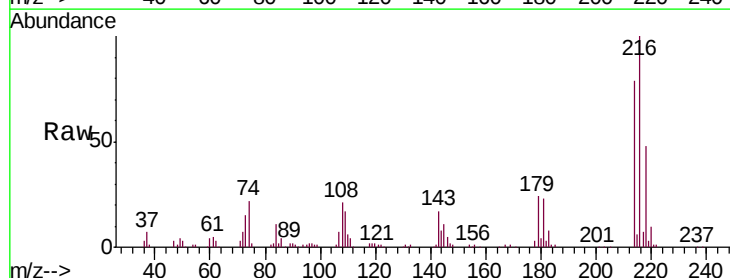
Ion Ratio Lower Upper

216 100

214 78.2 63.3 94.9

179 23.2 18.9 28.3

108 20.1 15.0 22.6

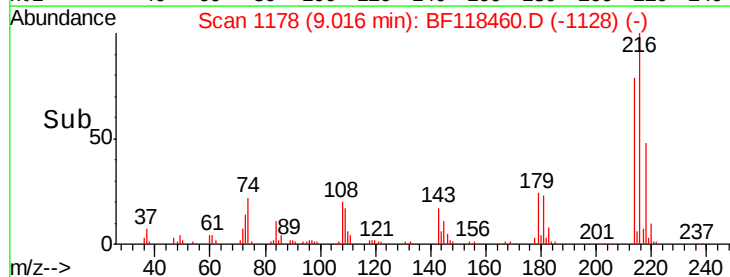
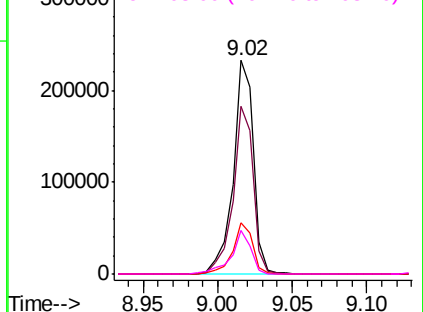


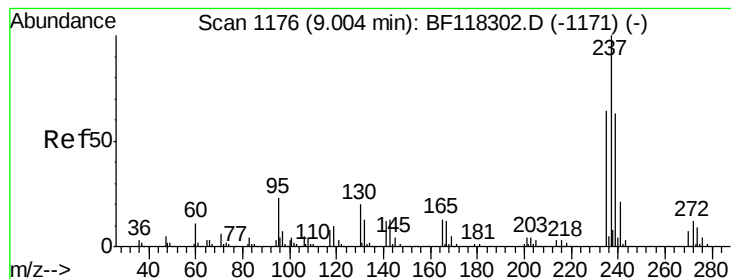
Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.212 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

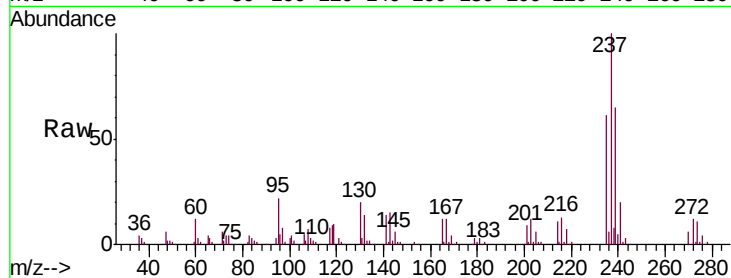
Tgt Ion: 237 Resp: 91373

Ion Ratio Lower Upper

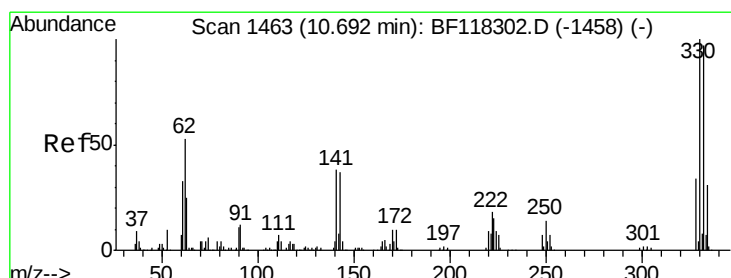
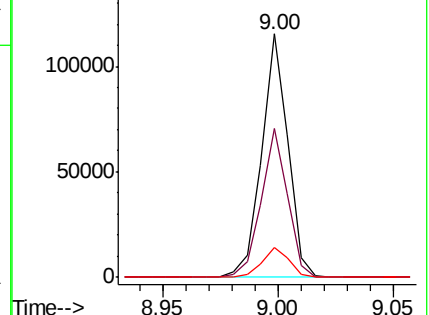
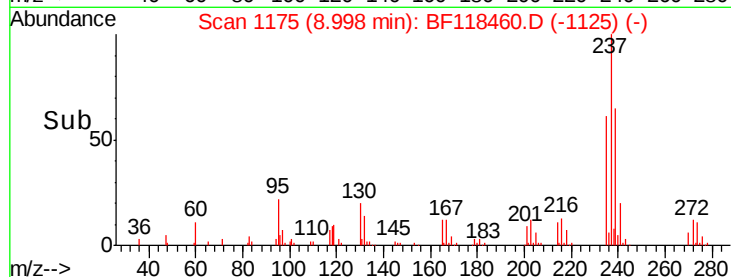
237 100

235 61.0 43.8 83.8

272 12.2 0.0 31.7



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



#42

2,4,6-Tribromophenol

Concen: 92.843 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

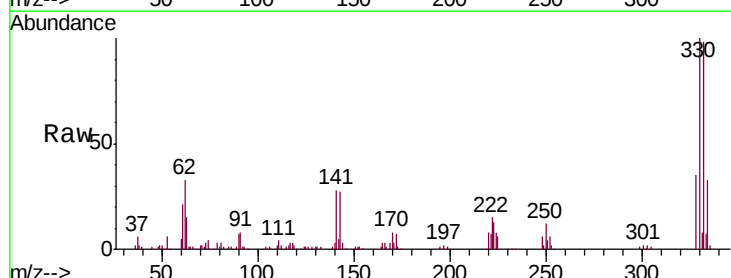
Tgt Ion: 330 Resp: 251762

Ion Ratio Lower Upper

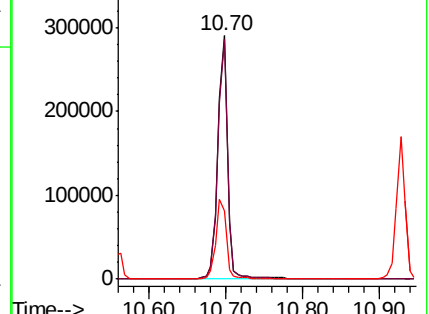
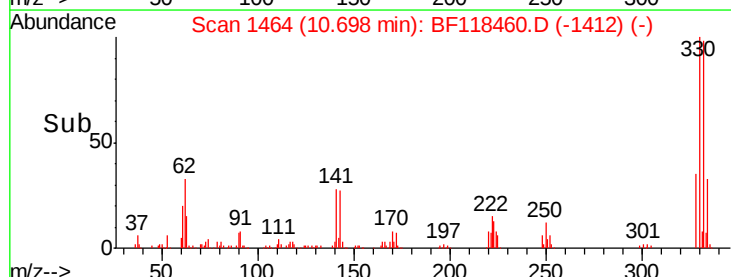
330 100

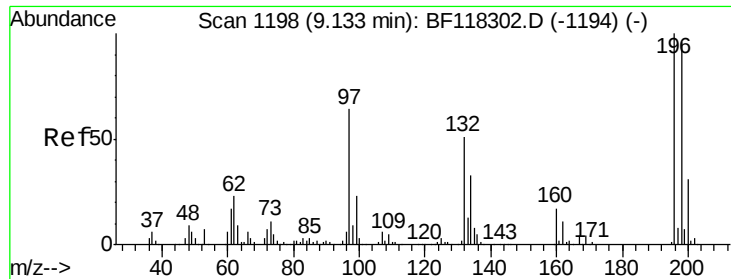
332 99.1 76.6 114.8

141 35.4 26.0 39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

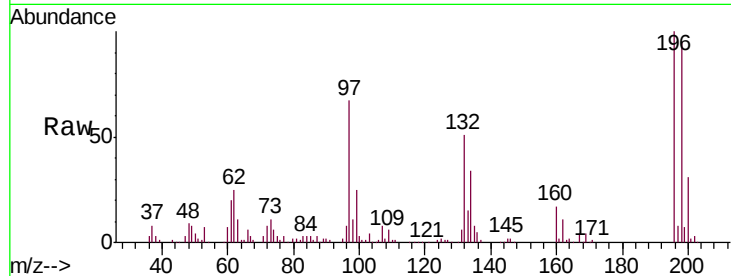




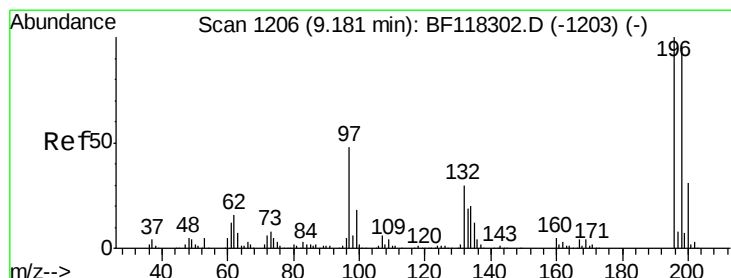
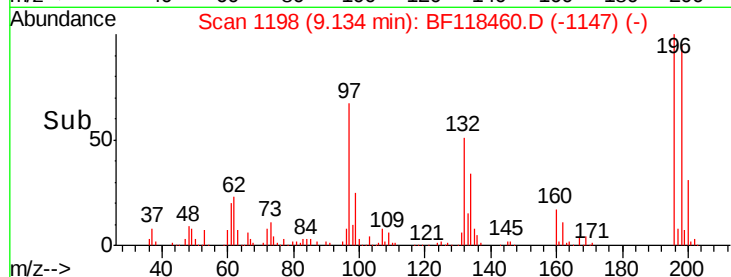
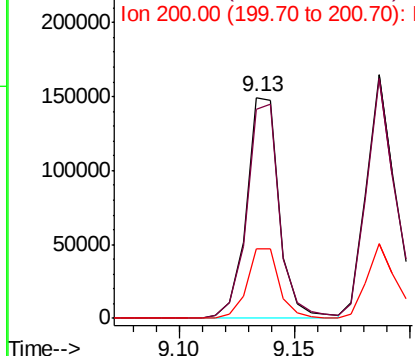
#43
 2,4,6-Trichlorophenol
 Concen: 33.780 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB125813BS

Tgt Ion:196 Resp: 148889
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.7 115.1
 200 31.4 24.8 37.2

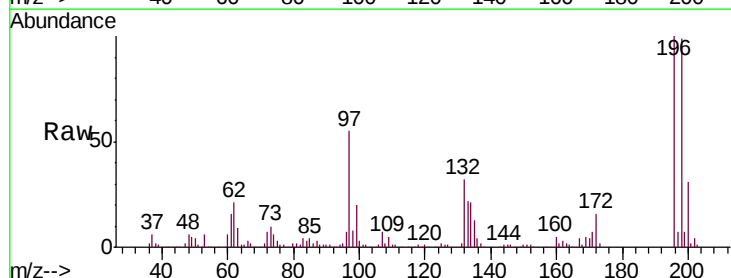


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

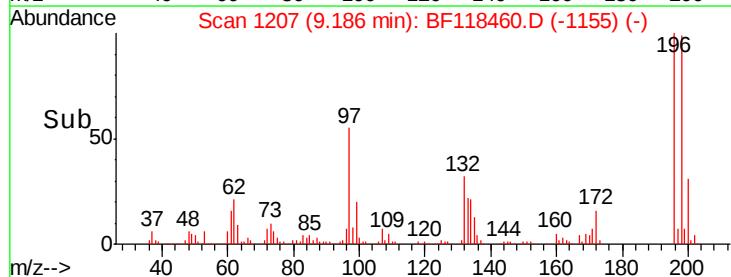
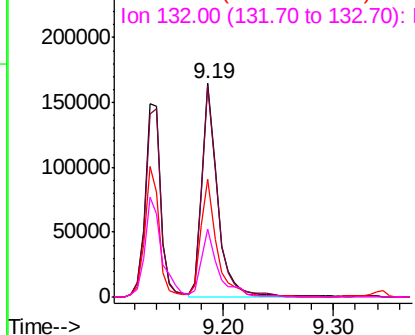


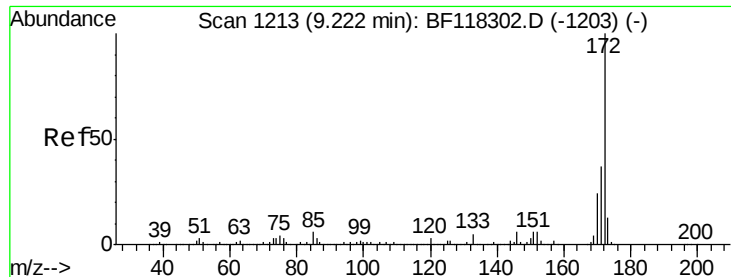
#44
 2,4,5-Trichlorophenol
 Concen: 35.044 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Tgt Ion:196 Resp: 158893
 Ion Ratio Lower Upper
 196 100
 198 98.7 77.0 115.4
 97 55.4 38.9 58.3
 132 31.9 23.9 35.9



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





#45

2-Fluorobiphenyl

Concen: 73.140 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

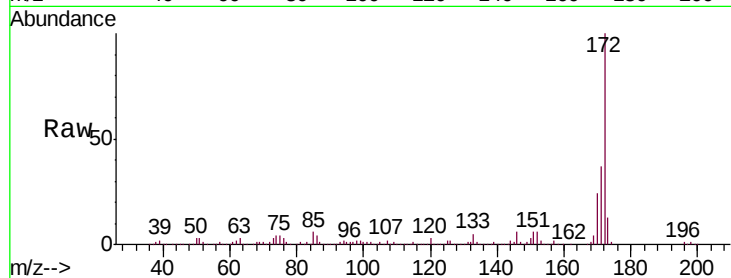
Tgt Ion:172 Resp: 1052123

Ion Ratio Lower Upper

172 100

171 36.7 29.3 43.9

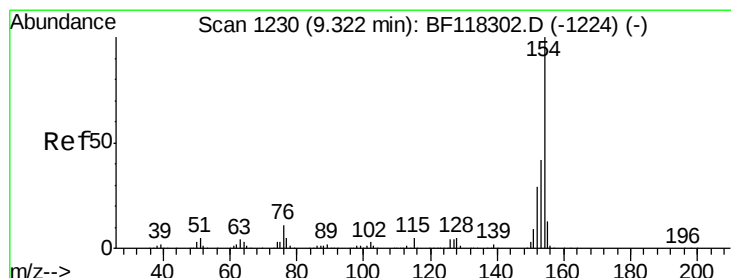
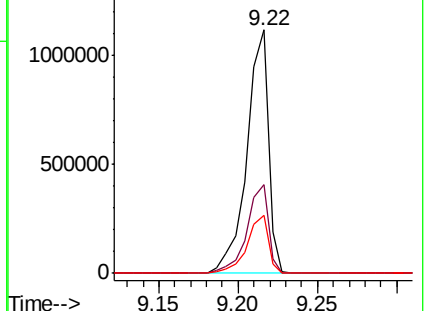
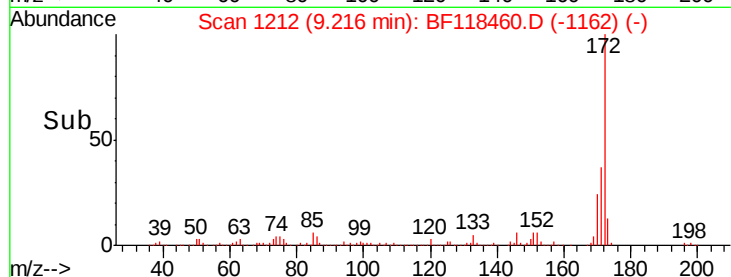
170 23.7 19.2 28.8



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: 35.378 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

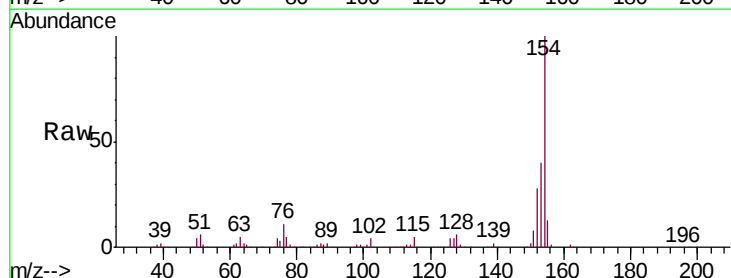
Tgt Ion:154 Resp: 614437

Ion Ratio Lower Upper

154 100

153 40.3 21.8 61.8

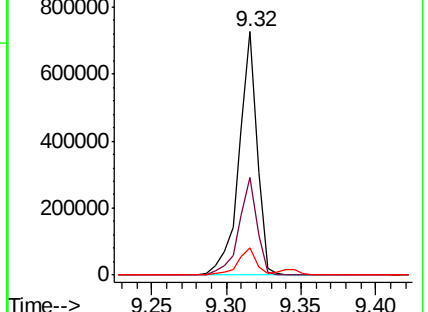
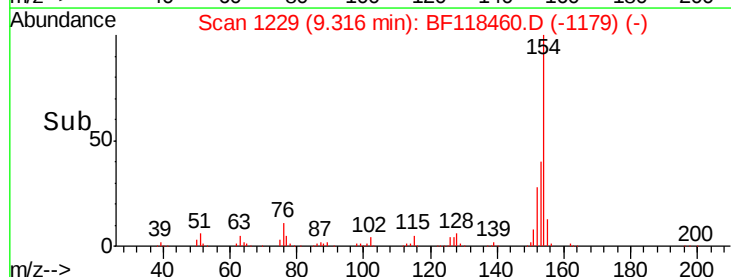
76 11.0 0.0 30.9

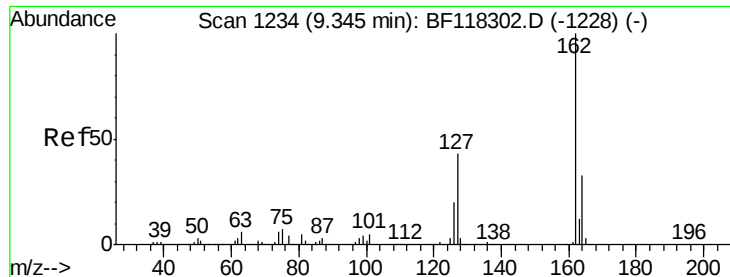


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

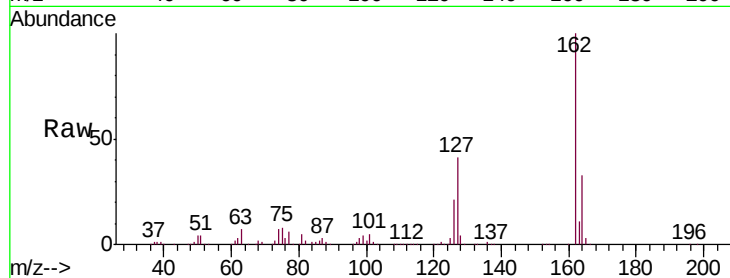




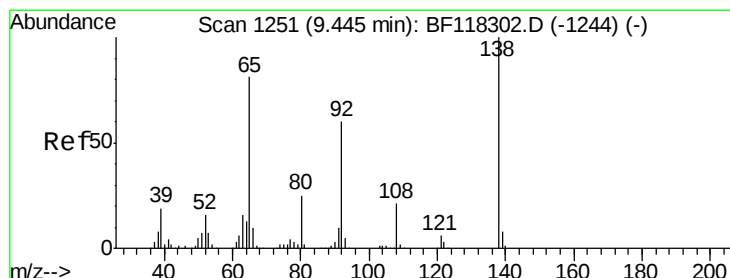
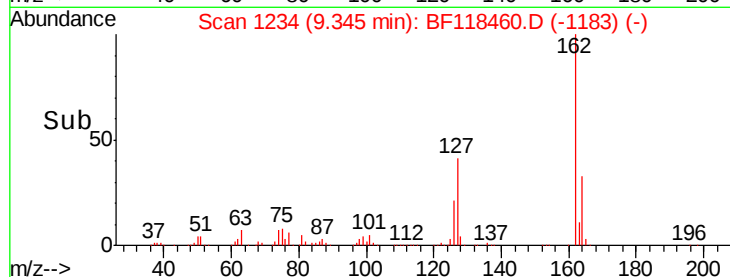
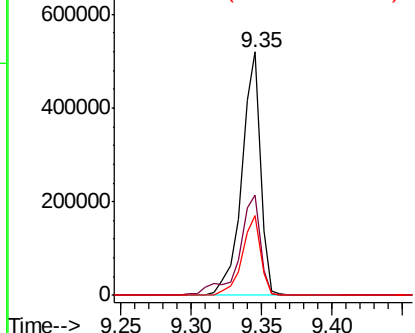
#47
 2-Chloronaphthalene
 Concen: 34.136 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB125813BS

Tgt Ion: 162 Resp: 477158
 Ion Ratio Lower Upper
 162 100
 127 40.9 35.0 52.4
 164 32.8 26.6 40.0

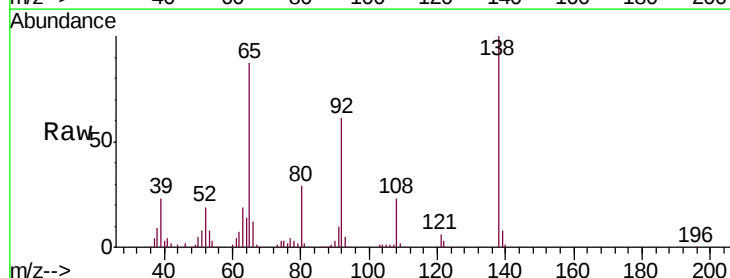


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

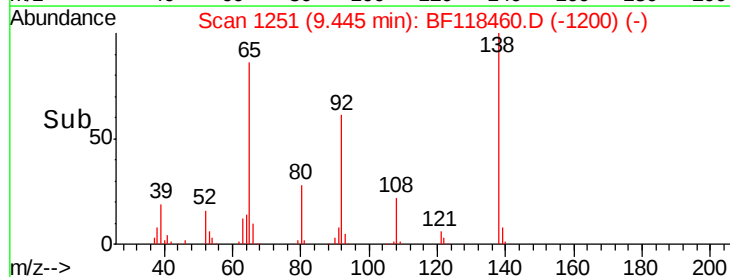
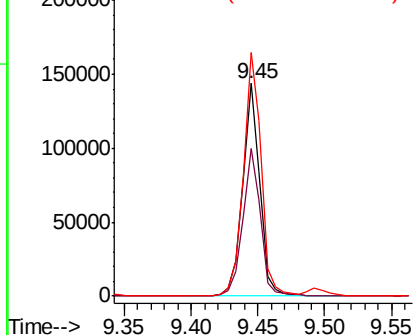


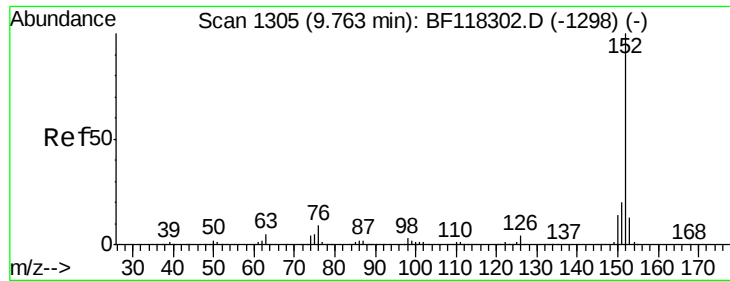
#48
 2-Nitroaniline
 Concen: 32.441 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Tgt Ion: 65 Resp: 128083
 Ion Ratio Lower Upper
 65 100
 92 69.8 58.7 88.1
 138 114.6 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: 37.042 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

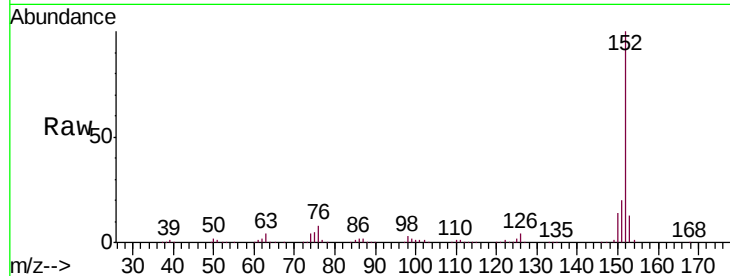
Tgt Ion:152 Resp: 767925

Ion Ratio Lower Upper

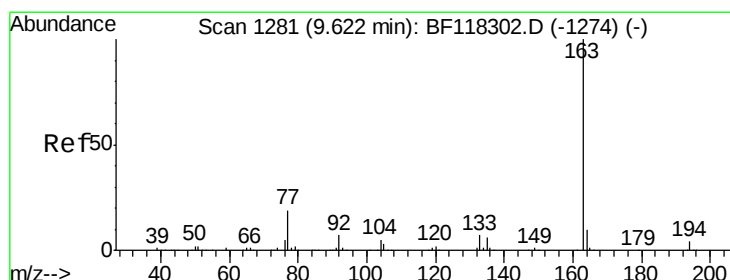
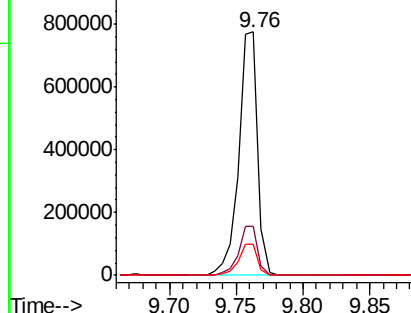
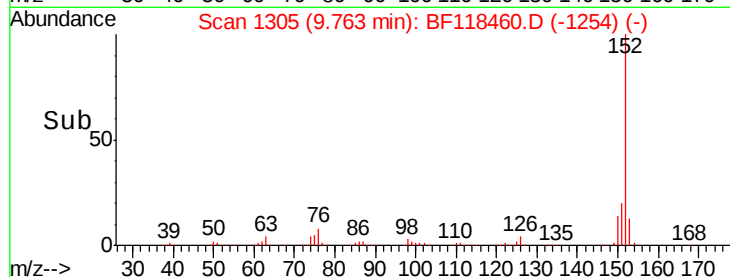
152 100

151 20.3 16.2 24.2

153 12.6 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: 33.620 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

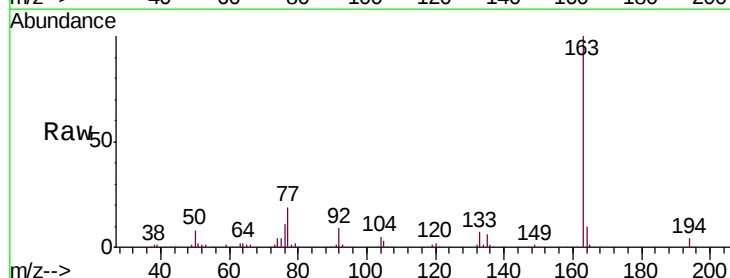
Tgt Ion:163 Resp: 554150

Ion Ratio Lower Upper

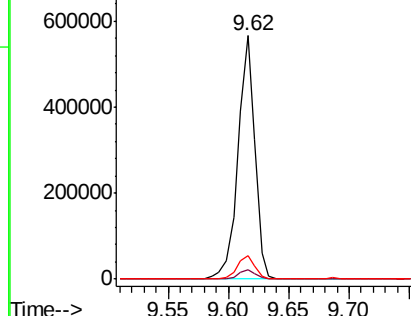
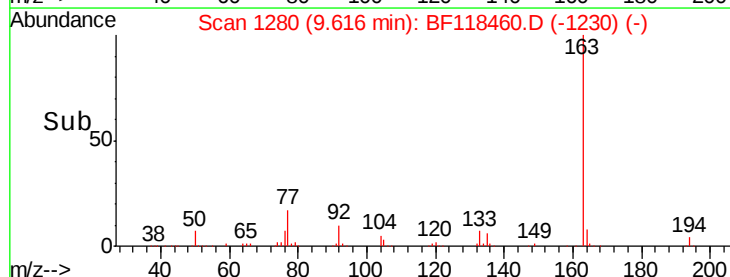
163 100

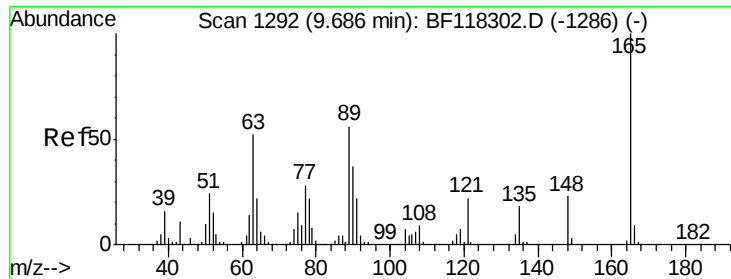
194 3.8 3.2 4.8

164 9.7 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

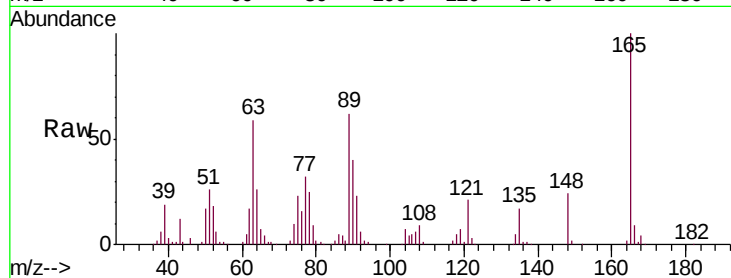




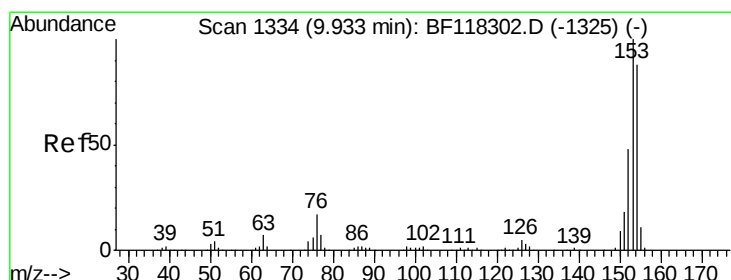
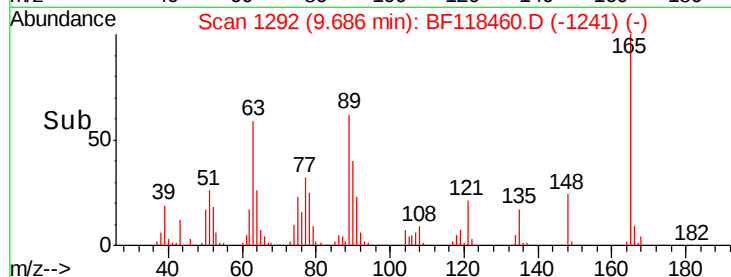
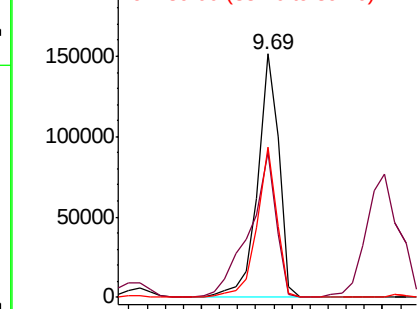
#51
2,6-Dinitrotoluene
Concen: 34.657 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB125813BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.3	42.2	63.4
89	61.6	44.4	66.6

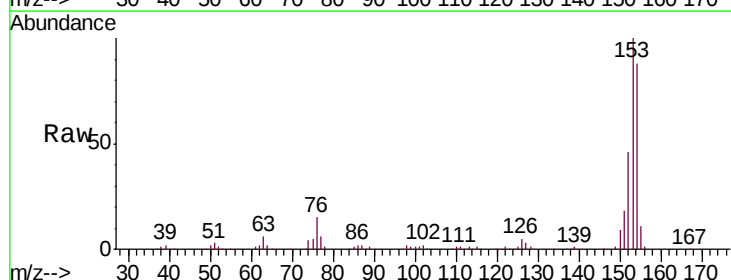


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

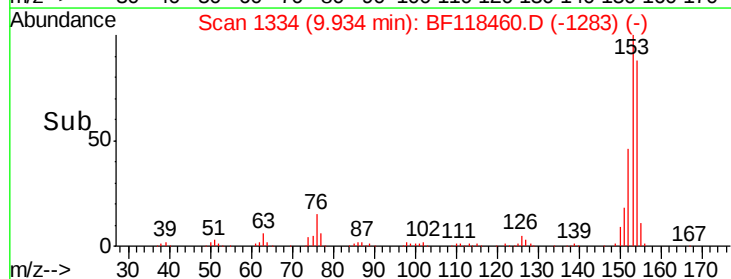
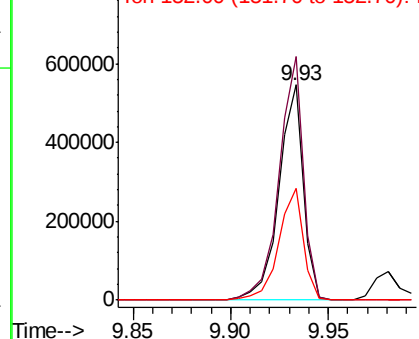


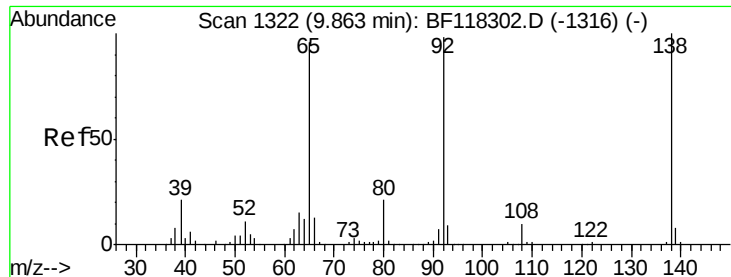
#52
Acenaphthene
Concen: 37.386 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.6	136.0
152	51.9	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

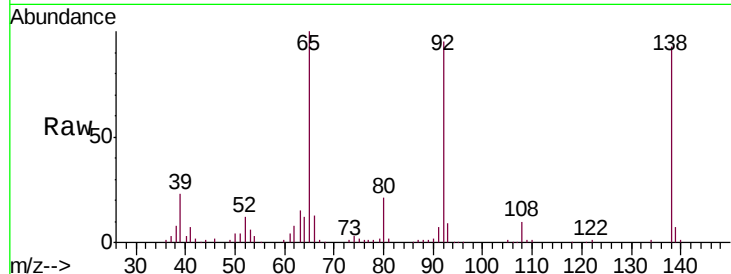




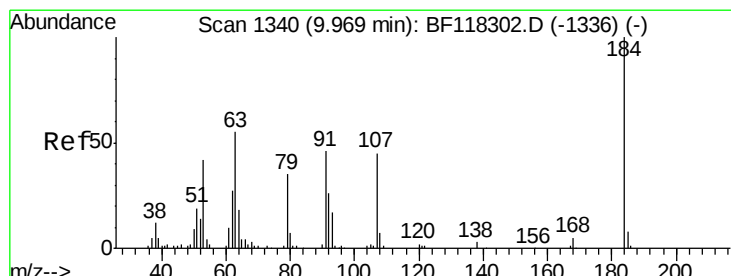
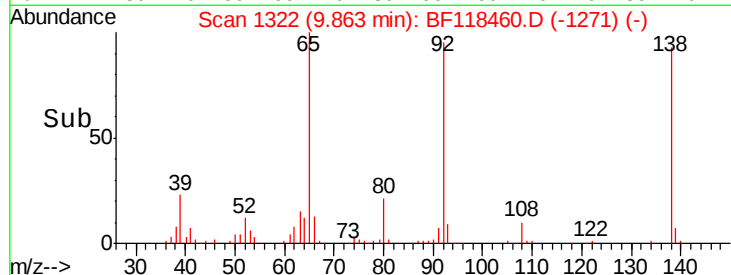
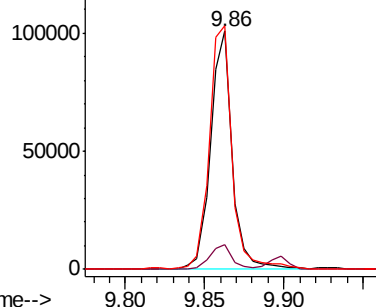
#53
 3-Nitroaniline
 Concen: 22.812 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB125813BS

Tgt Ion:138 Resp: 95143
 Ion Ratio Lower Upper
 138 100
 108 10.5 7.8 11.8
 92 102.4 78.2 117.2

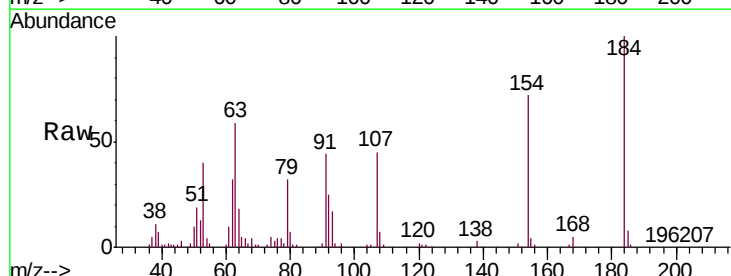


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

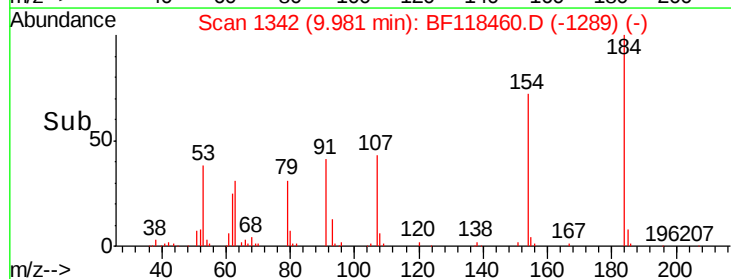
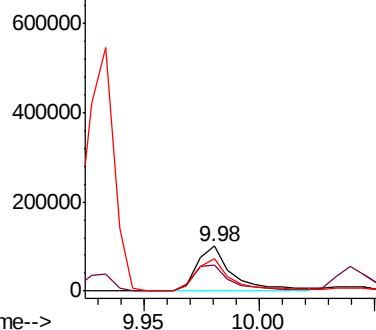


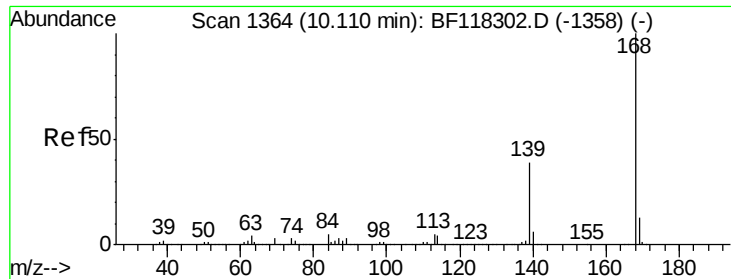
#54
 2,4-Dinitrophenol
 Concen: 61.969 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Tgt Ion:184 Resp: 108794
 Ion Ratio Lower Upper
 184 100
 63 58.6 48.8 73.2
 154 72.2 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

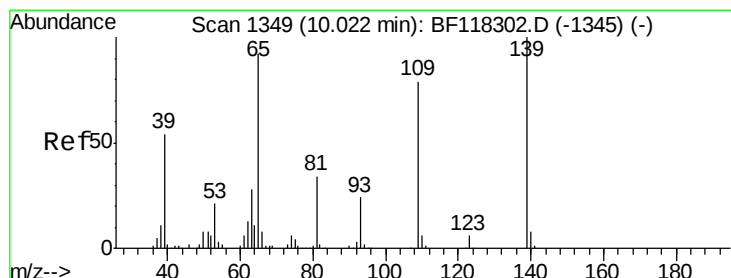
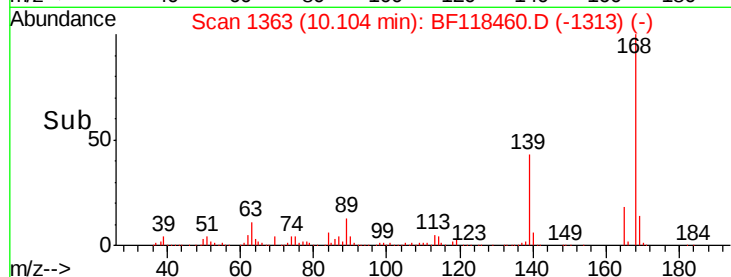
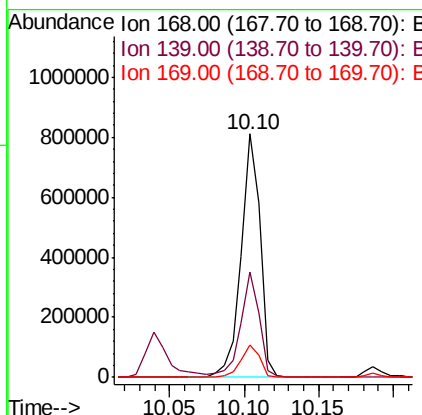
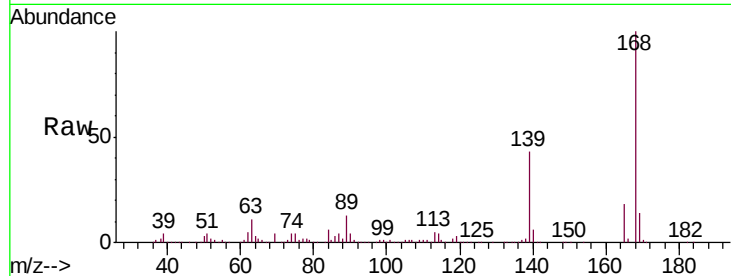




#55
Dibenzenofuran
Concen: 38.521 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

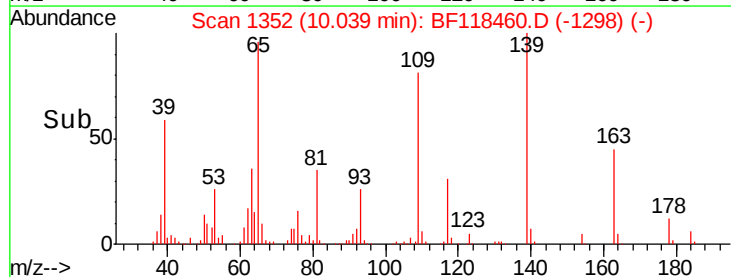
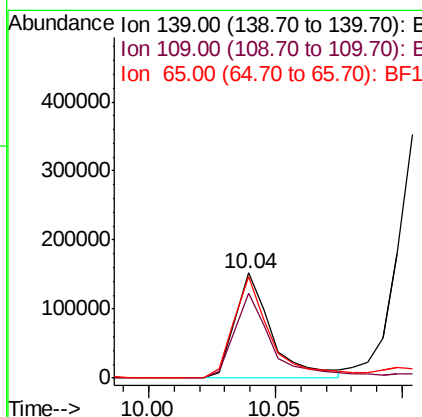
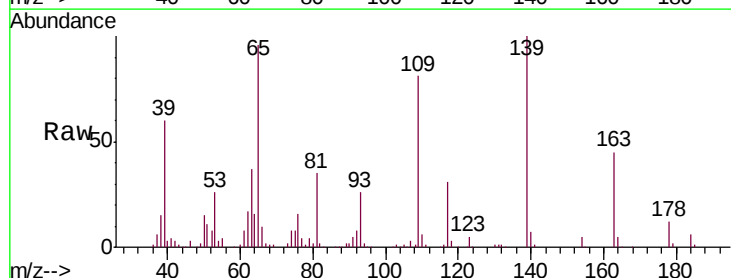
Instrument :
BNA_F
ClientSampleId :
PB125813BS

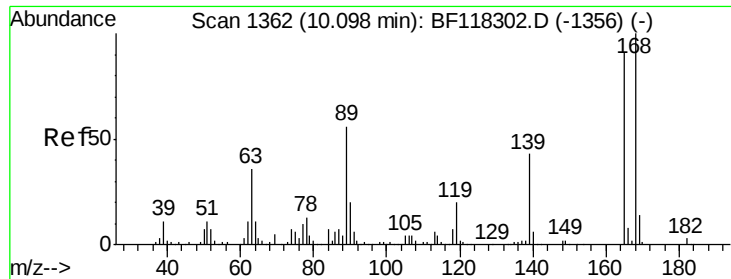
Tgt Ion:168 Resp: 718742
Ion Ratio Lower Upper
168 100
139 43.4 31.5 47.3
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 59.939 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Tgt Ion:139 Resp: 154331
Ion Ratio Lower Upper
139 100
109 80.9 59.3 99.3
65 96.1 72.4 112.4

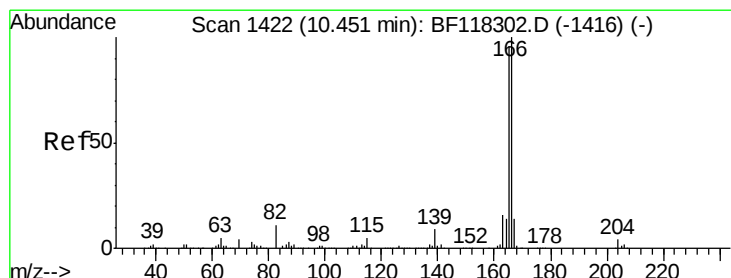
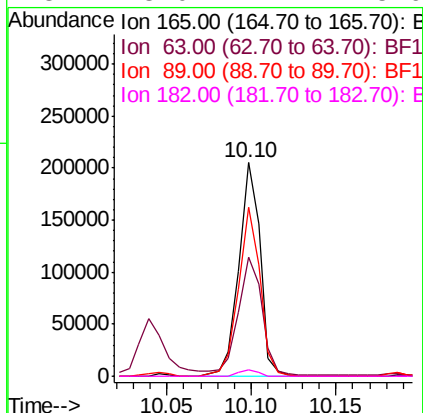
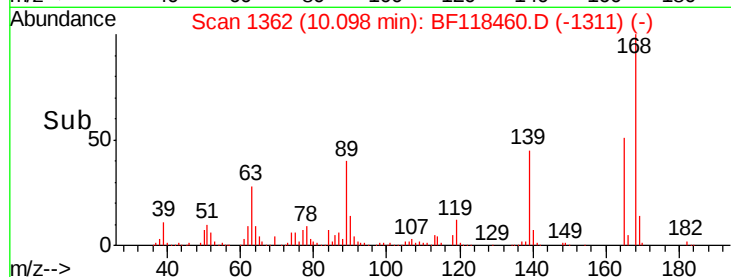
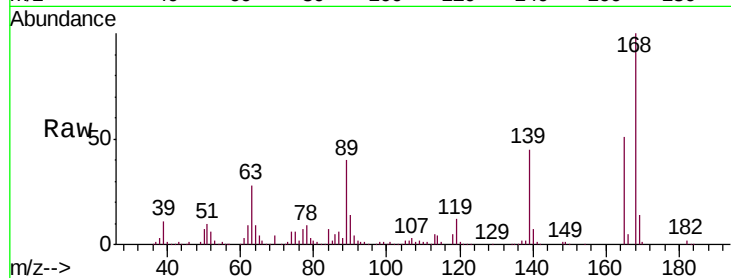




#57
2,4-Dinitrotoluene
Concen: 37.843 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

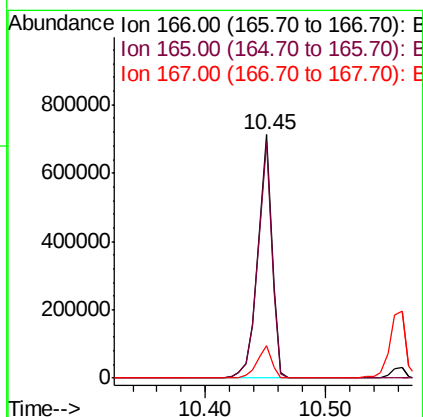
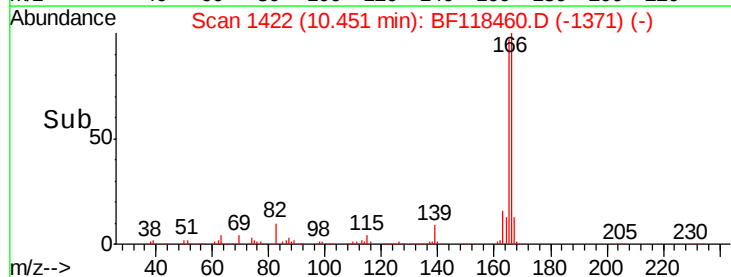
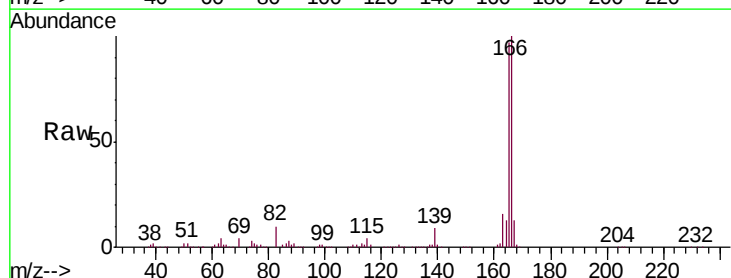
Instrument :
BNA_F
ClientSampleId :
PB125813BS

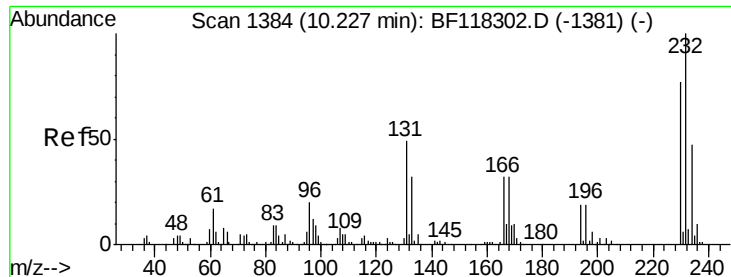
Tgt Ion:165 Resp: 179689
Ion Ratio Lower Upper
165 100
63 55.6 32.0 48.0#
89 79.1 49.3 73.9#
182 3.0 2.4 3.6



#58
Fluorene
Concen: 39.257 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Tgt Ion:166 Resp: 591291
Ion Ratio Lower Upper
166 100
165 96.7 77.0 115.4
167 13.1 10.9 16.3

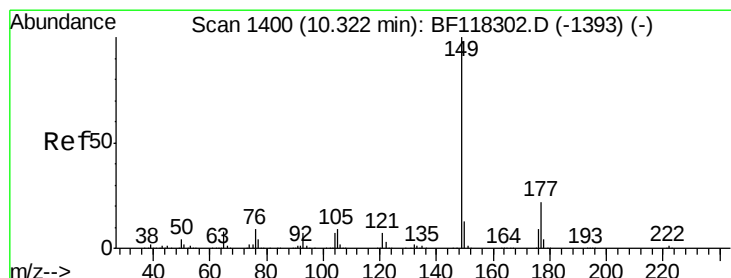
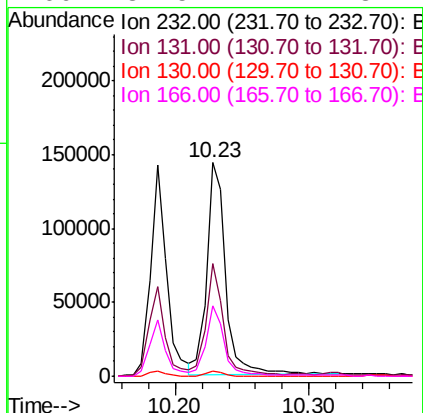
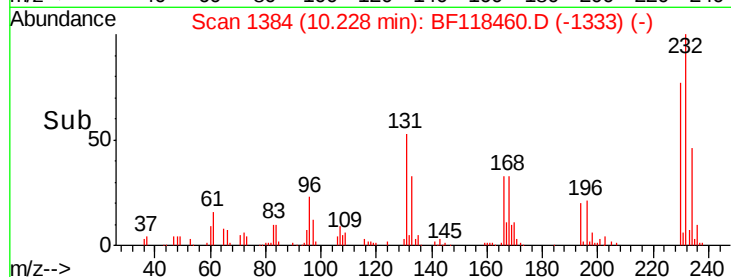
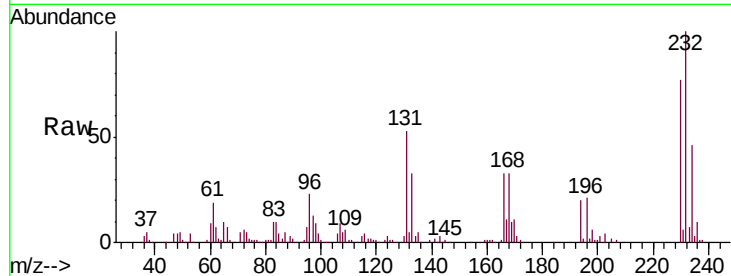




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.165 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

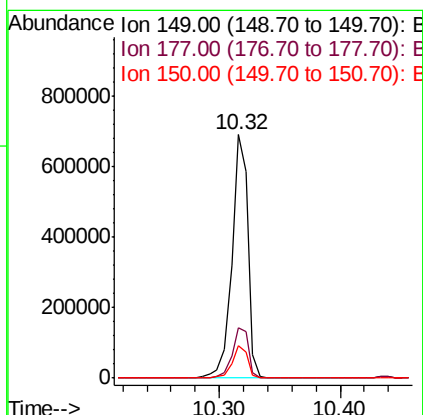
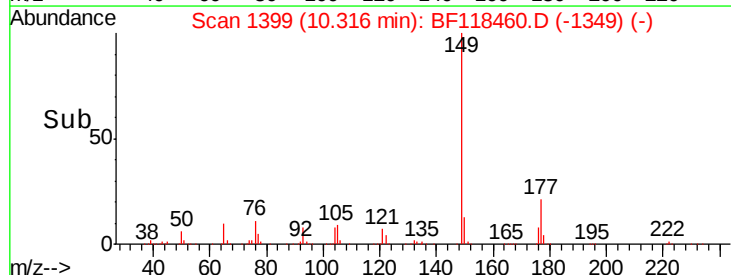
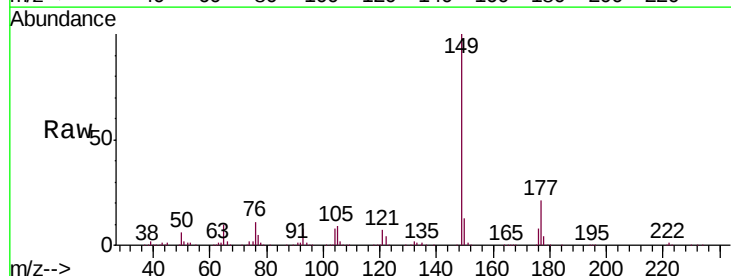
Instrument :
 BNA_F
 ClientSampleId :
 PB125813BS

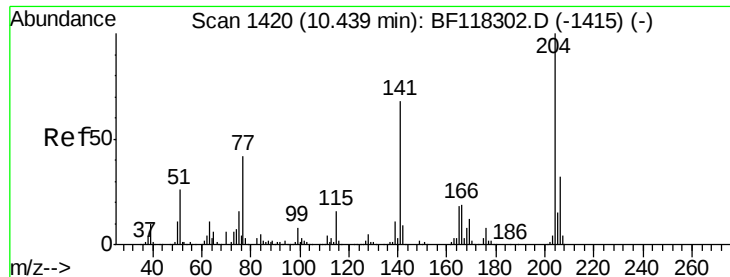
Tgt Ion: 232 Resp: 143179
 Ion Ratio Lower Upper
 232 100
 131 46.7 37.7 56.5
 130 2.6 2.0 3.0
 166 31.5 24.7 37.1



#60
 Diethylphthalate
 Concen: 38.710 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Tgt Ion: 149 Resp: 631225
 Ion Ratio Lower Upper
 149 100
 177 20.7 17.9 26.9
 150 13.3 10.2 15.2

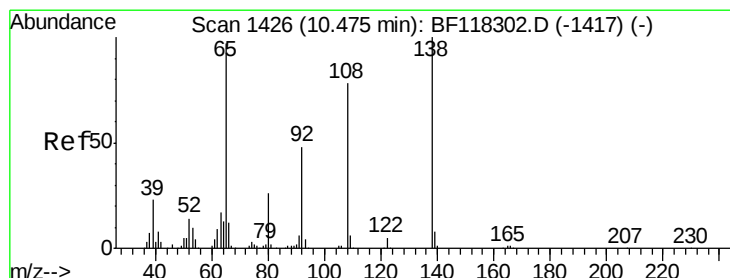
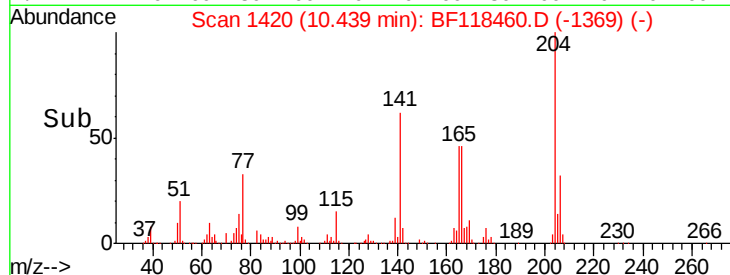
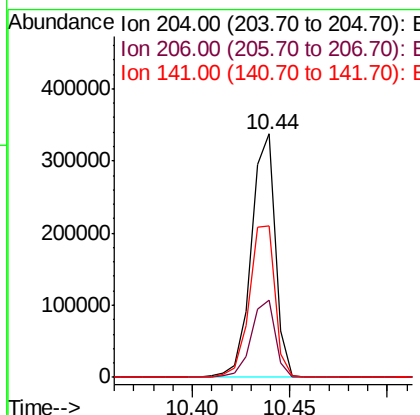
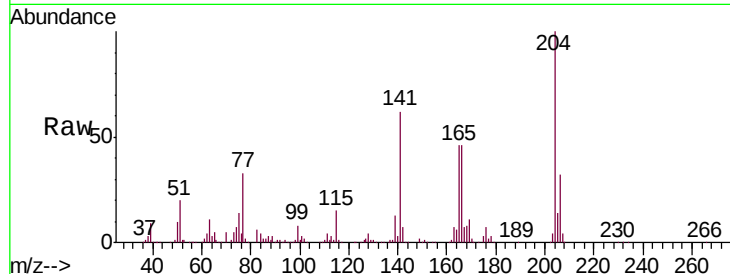




#61
 4-Chlorophenyl-phenylether
 Concen: 38.325 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

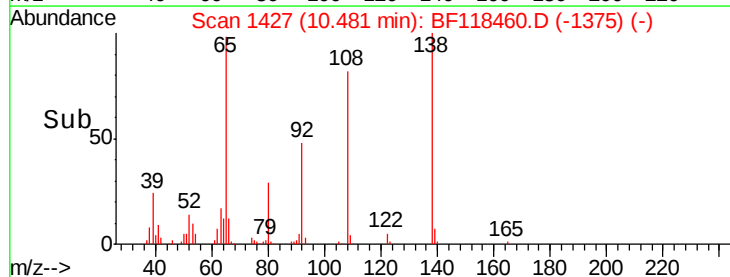
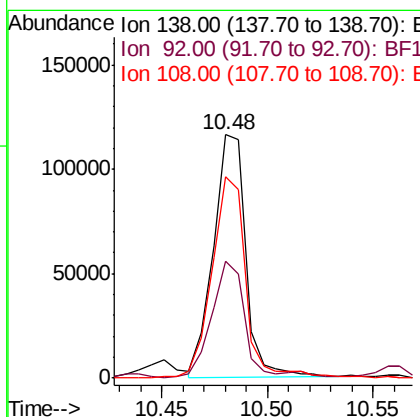
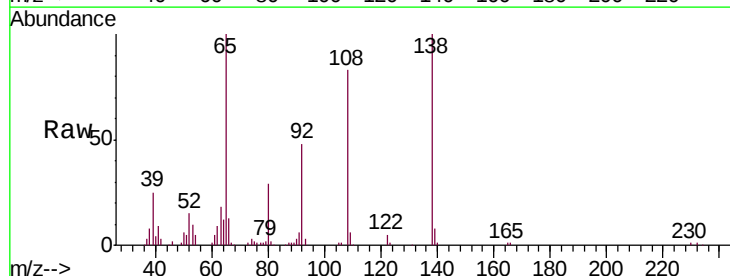
Instrument :
 BNA_F
 ClientSampleId :
 PB125813BS

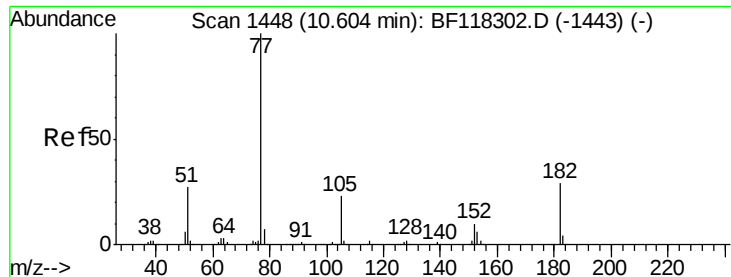
Tgt Ion:	204	Resp:	288163
Ion	Ratio	Lower	Upper
204	100		
206	31.7	25.8	38.8
141	62.3	54.2	81.4



#62
 4-Nitroaniline
 Concen: 28.597 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Tgt Ion:	138	Resp:	123907
Ion	Ratio	Lower	Upper
138	100		
92	47.8	27.9	67.9
108	82.7	58.1	98.1

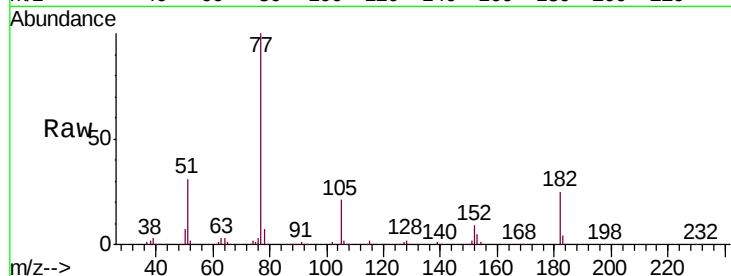




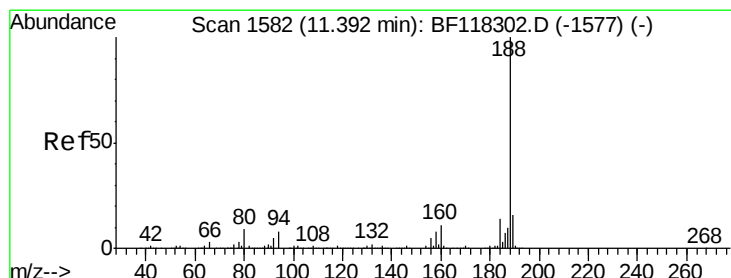
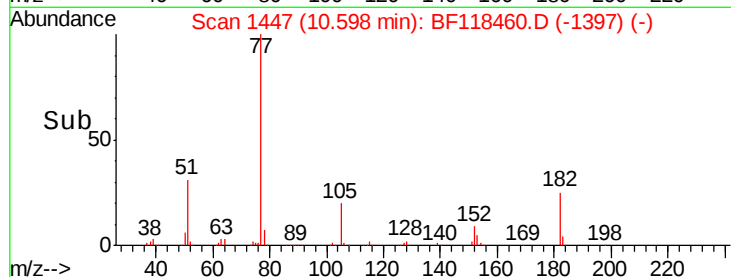
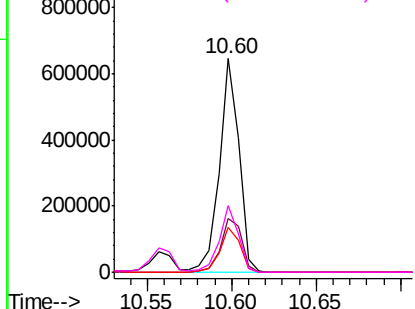
#63
Azobenzene
Concen: 37.472 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB125813BS

Tgt Ion:	77	Resp:	523380
Ion	Ratio	Lower	Upper
77	100		
182	24.9	9.2	49.2
105	20.9	3.2	43.2
51	31.2	7.1	47.1

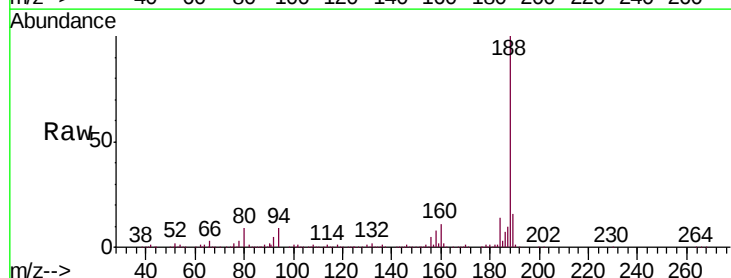


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

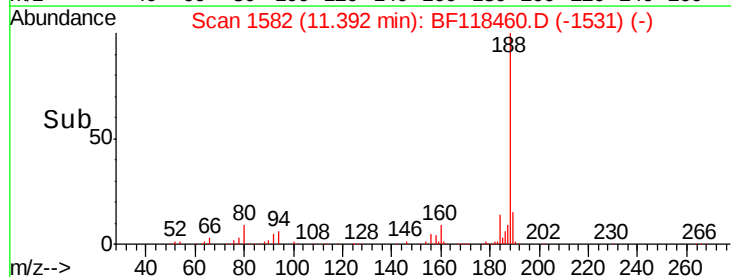
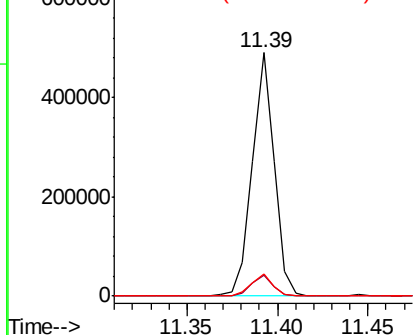


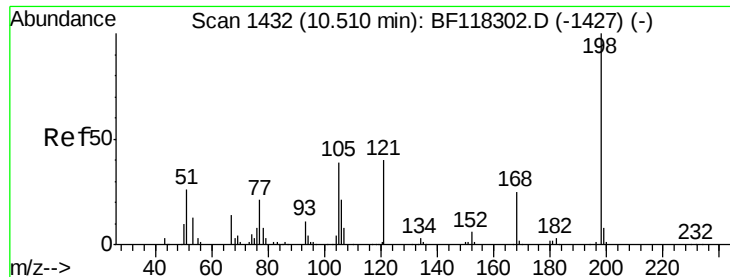
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Tgt Ion:	188	Resp:	414574
Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	9.0	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

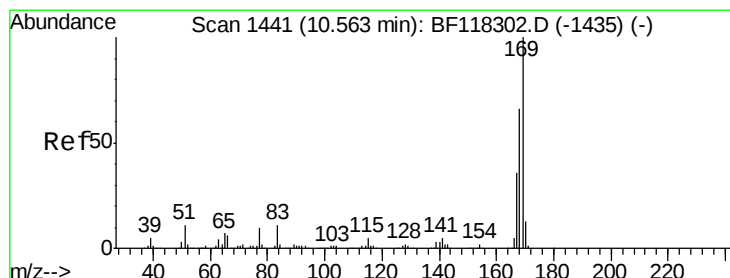
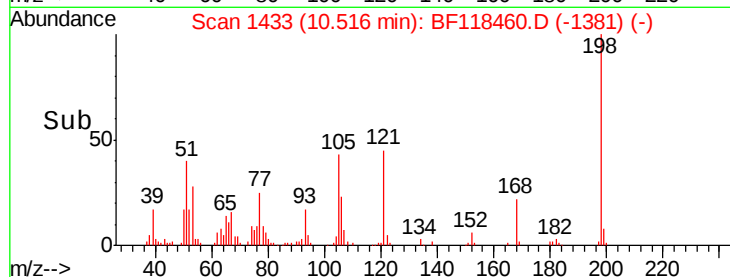
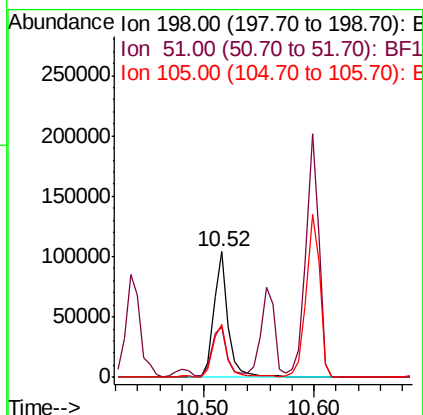
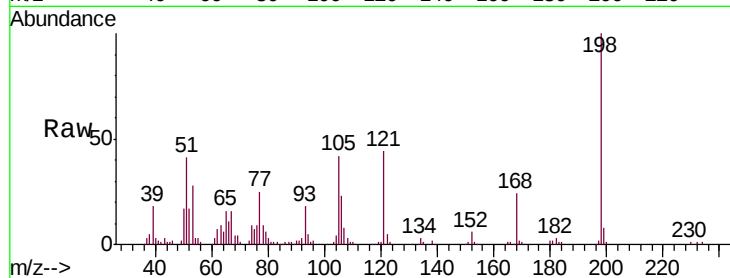




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.947 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

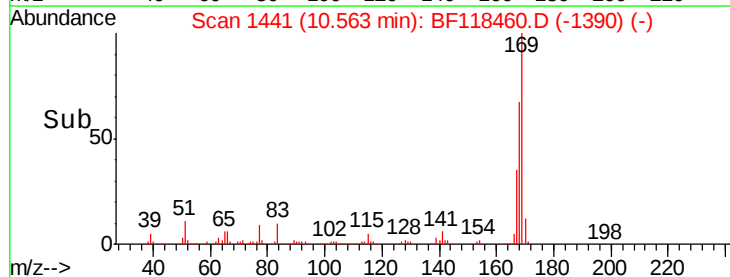
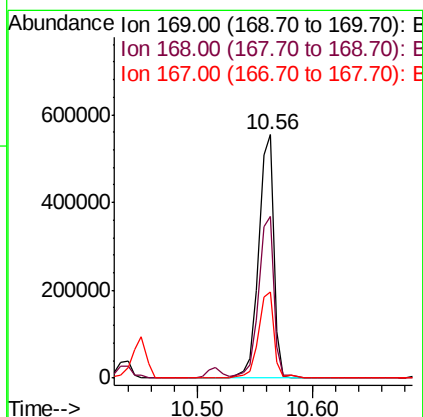
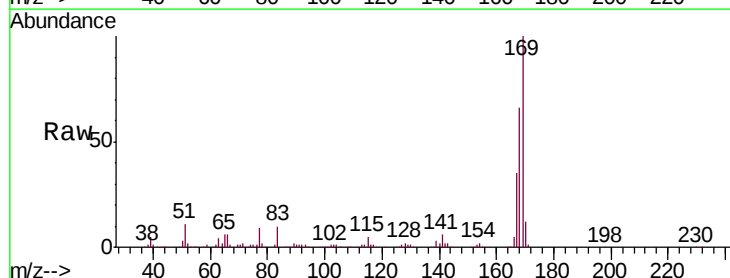
Instrument :
 BNA_F
 ClientSampleId :
 PB125813BS

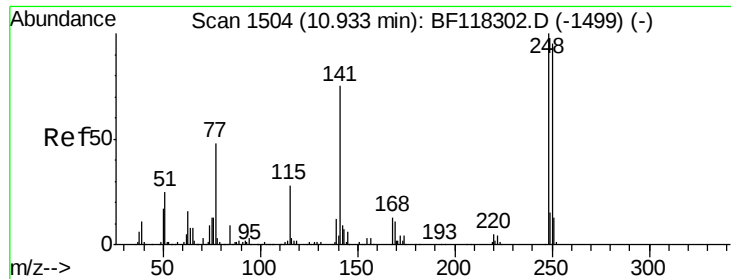
Tgt Ion:198 Resp: 91576
 Ion Ratio Lower Upper
 198 100
 51 40.6 12.8 52.8
 105 42.5 20.3 60.3



#66
 n-Nitrosodiphenylamine
 Concen: 38.606 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Tgt Ion:169 Resp: 512960
 Ion Ratio Lower Upper
 169 100
 168 66.5 52.6 79.0
 167 35.5 28.4 42.6

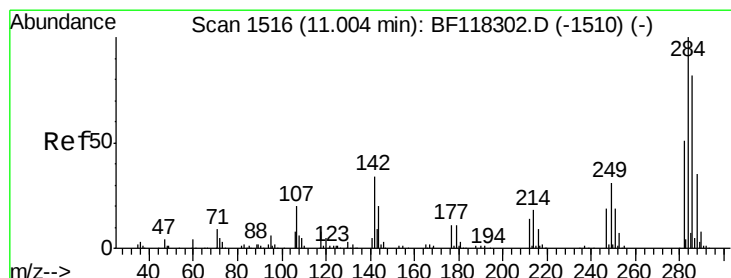
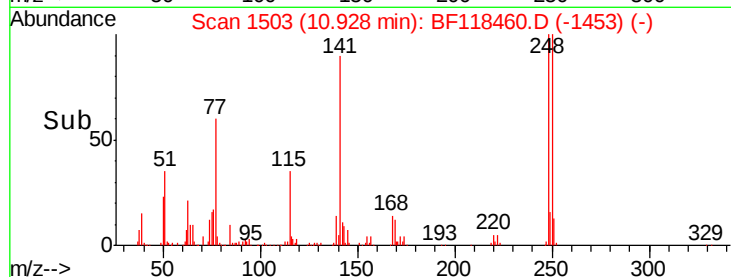
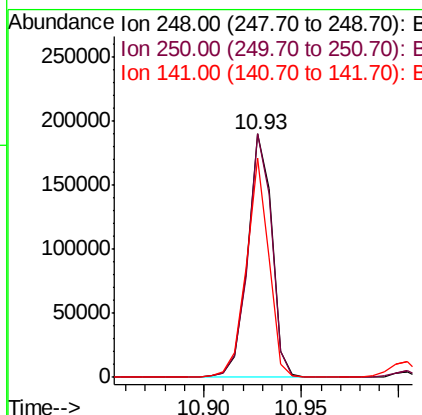
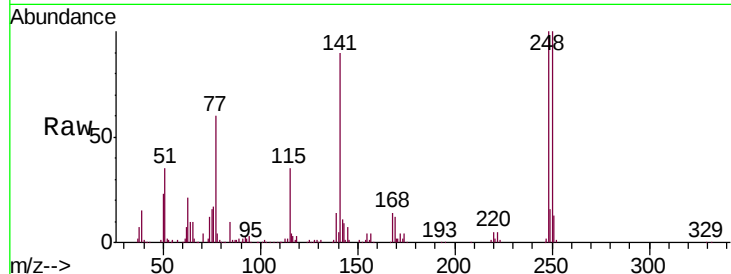




#67
 4-Bromophenyl-phenylether
 Concen: 33.795 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

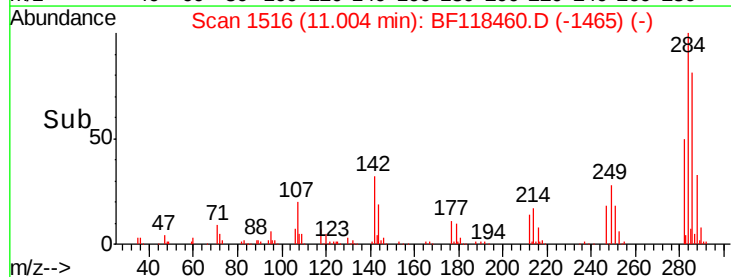
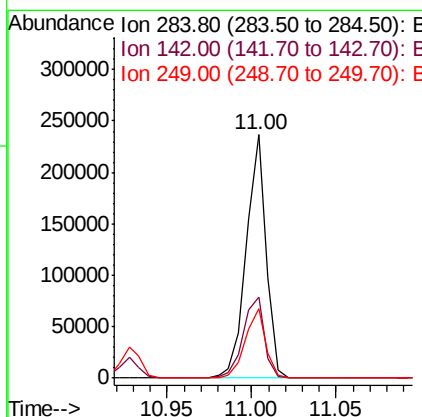
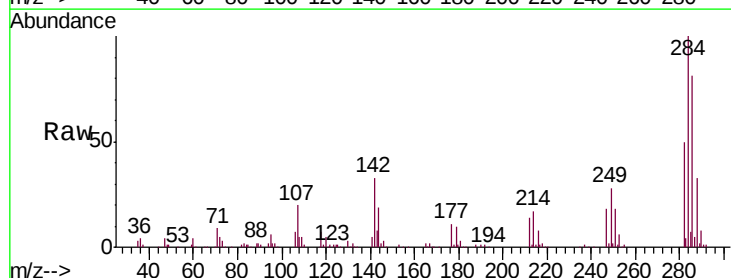
Instrument :
 BNA_F
 ClientSampleId :
 PB125813BS

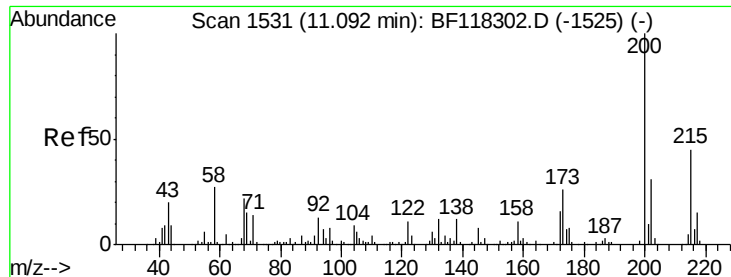
Tgt Ion:248 Resp: 163963
 Ion Ratio Lower Upper
 248 100
 250 100.2 76.4 114.6
 141 90.0 60.2 90.2



#68
 Hexachlorobenzene
 Concen: 34.363 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Tgt Ion:284 Resp: 196245
 Ion Ratio Lower Upper
 284 100
 142 33.3 27.3 40.9
 249 28.5 25.0 37.6

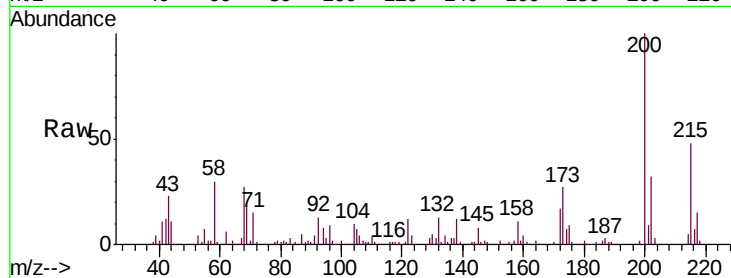




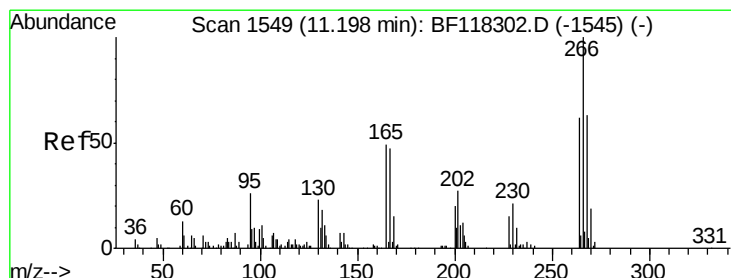
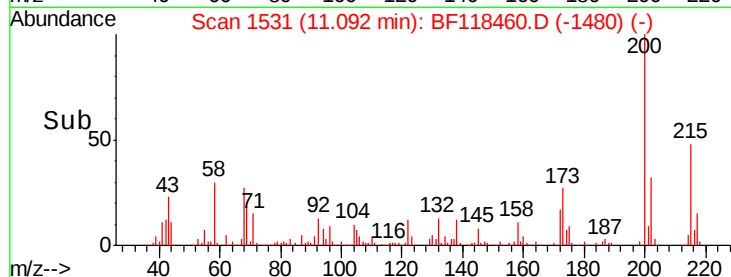
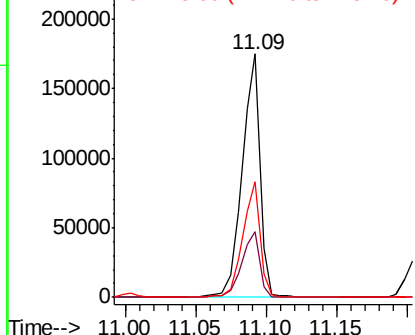
#69
Atrazine
Concen: 37.501 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB125813BS

Tgt Ion:200 Resp: 153785
Ion Ratio Lower Upper
200 100
173 27.0 5.8 45.8
215 47.6 25.1 65.1

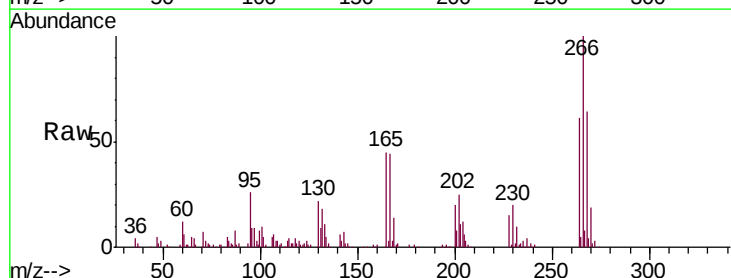


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

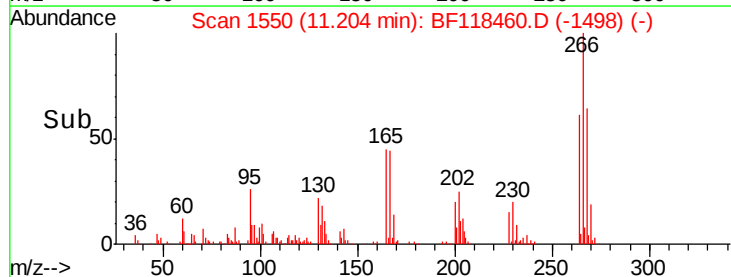
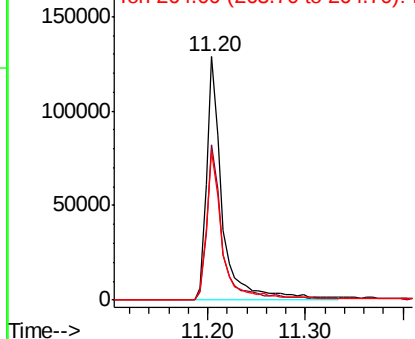


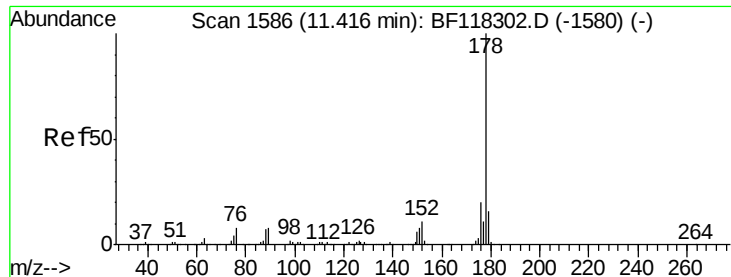
#70
Pentachlorophenol
Concen: 59.013 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Tgt Ion:266 Resp: 145955
Ion Ratio Lower Upper
266 100
268 63.8 50.6 76.0
264 61.1 49.9 74.9



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





#71

Phenanthrene

Concen: 36.969 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

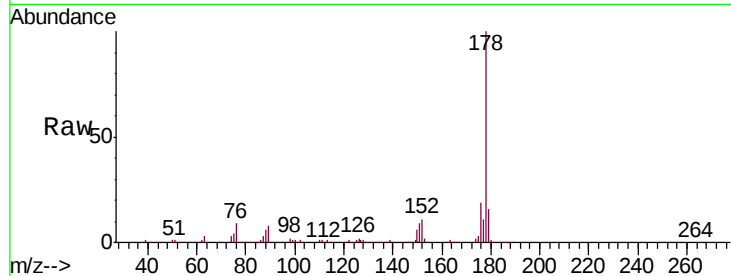
Tgt Ion:178 Resp: 835527

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

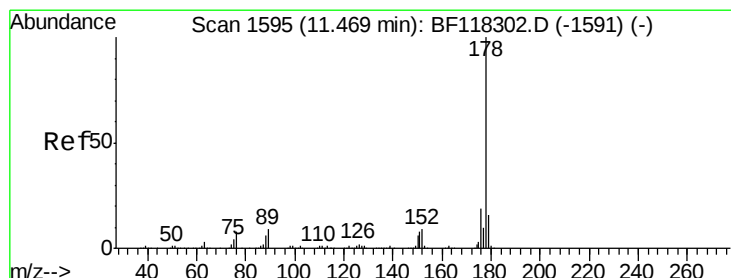
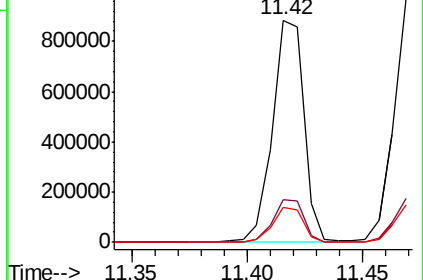
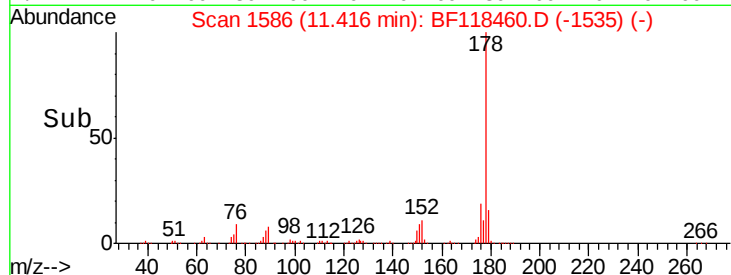
179 15.8 12.6 19.0



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: 37.777 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

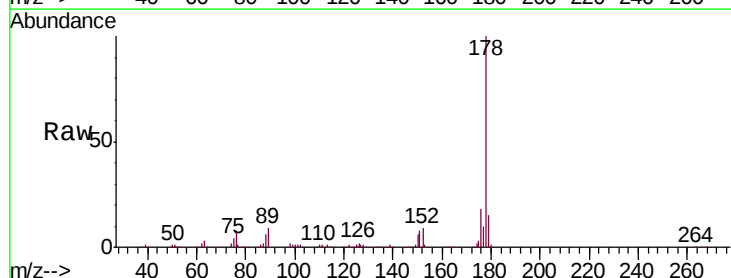
Tgt Ion:178 Resp: 854570

Ion Ratio Lower Upper

178 100

176 18.3 15.2 22.8

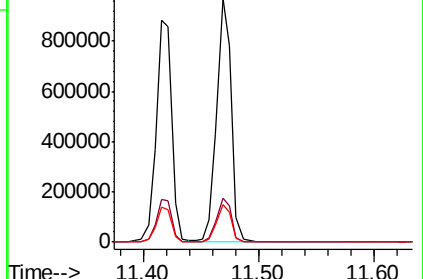
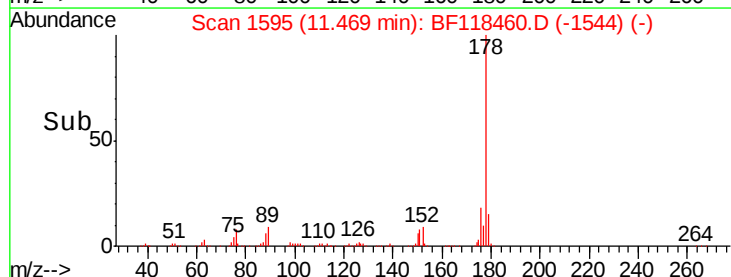
179 15.5 12.9 19.3

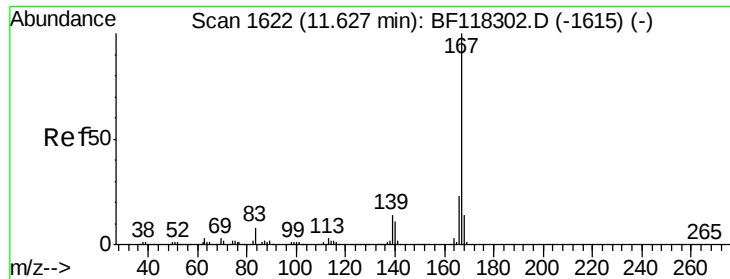


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

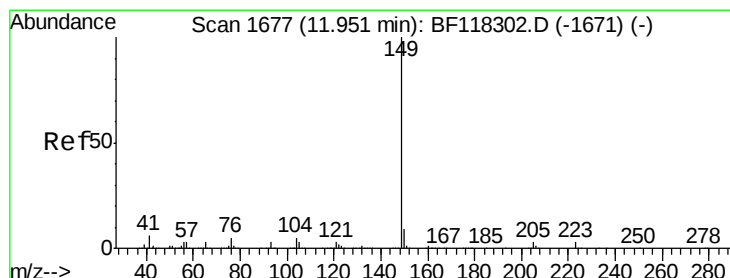
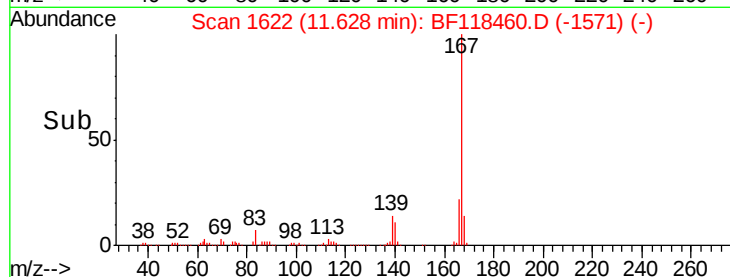
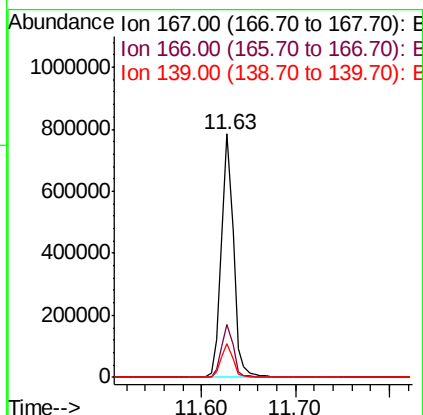
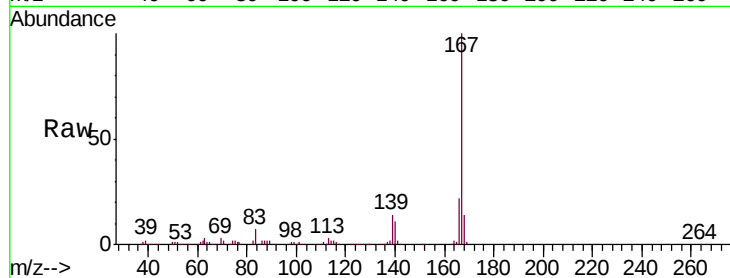




#73
 Carbazole
 Concen: 35.647 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

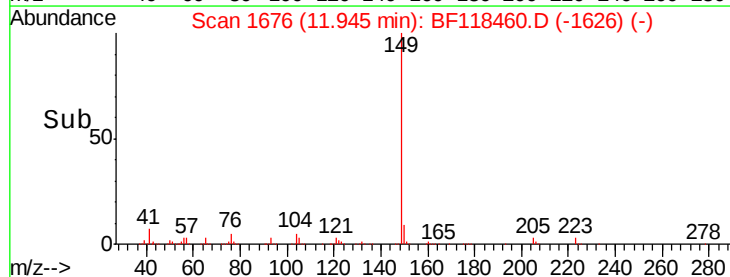
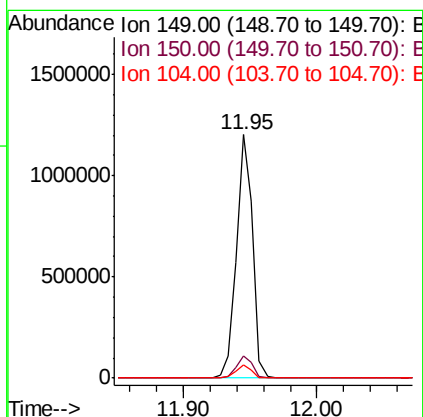
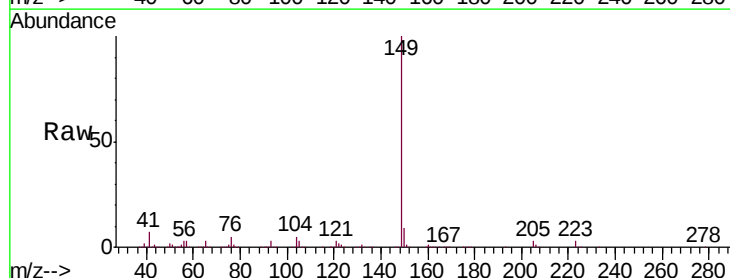
Instrument :
 BNA_F
 ClientSampleId :
 PB125813BS

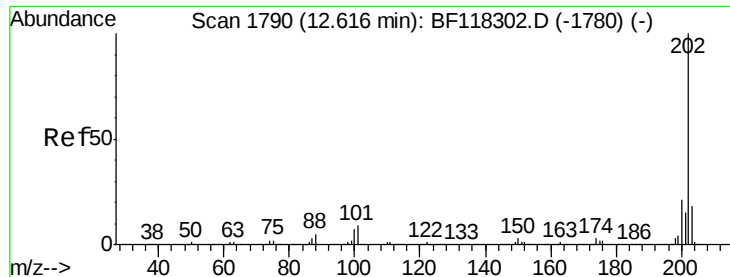
Tgt Ion:167 Resp: 715534
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.1 27.1
 139 13.9 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 39.840 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Tgt Ion:149 Resp: 1013992
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.3 4.0 6.0

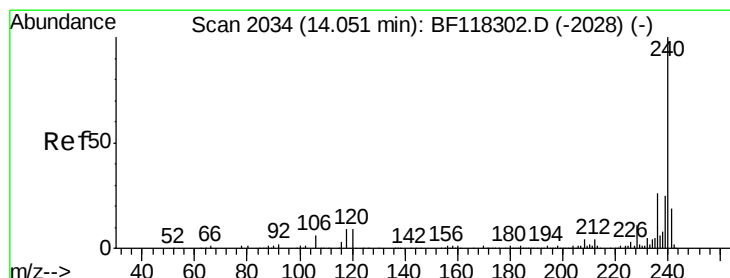
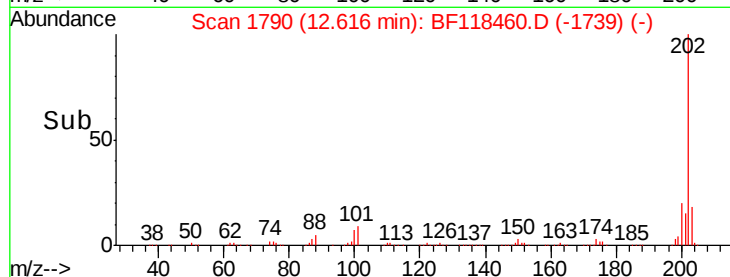
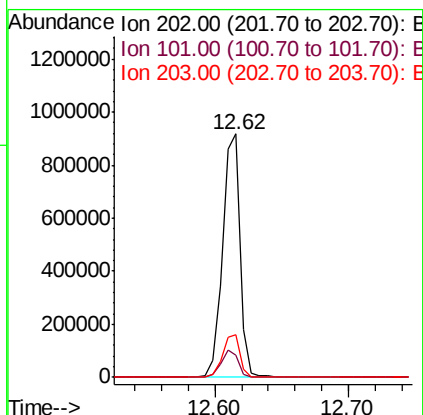
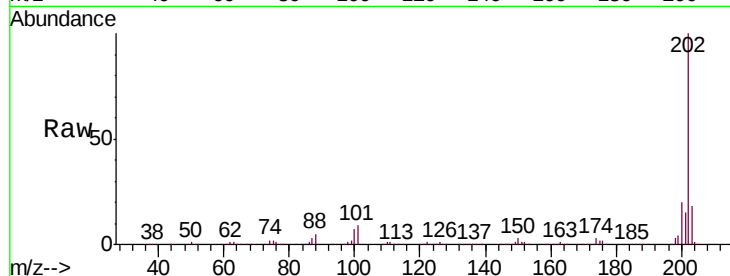




#75
 Fluoranthene
 Concen: 37.379 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

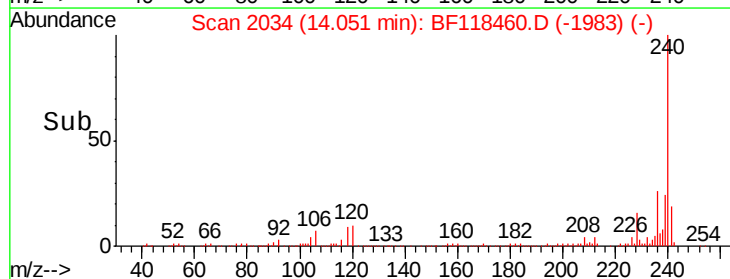
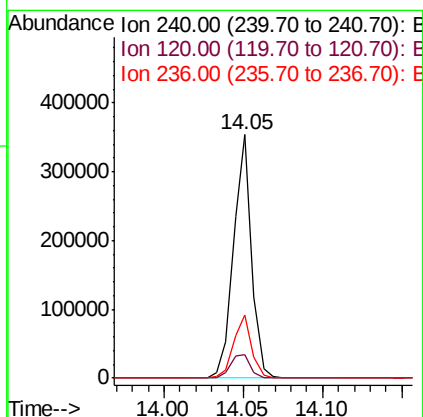
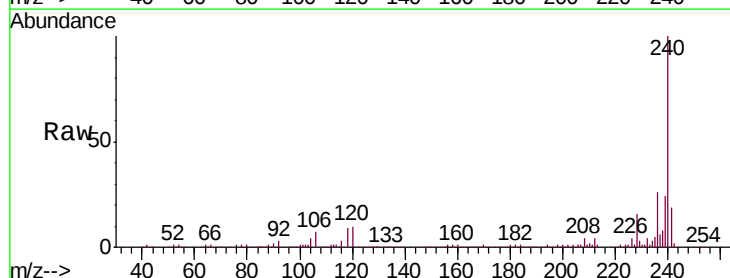
Instrument :
 BNA_F
 ClientSampleId :
 PB125813BS

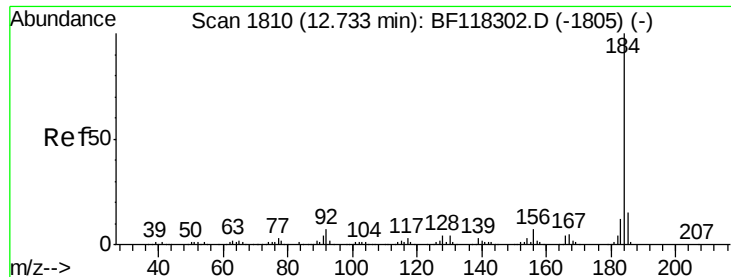
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.5
203	17.8	0.0	37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF118460.D
 Acq: 3 Jan 2020 14:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.1	10.7
236	25.9	21.0	31.6





#77

Benzidine

Concen: 17.734 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

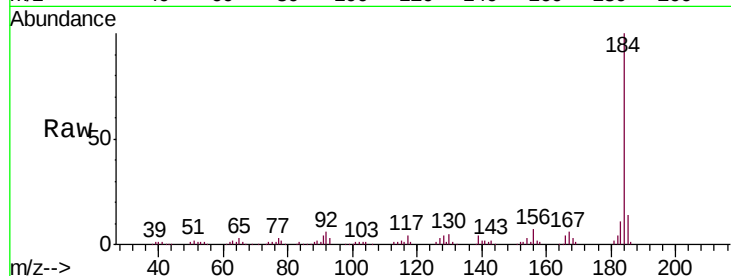
BNA_F

ClientSampleId :

PB125813BS

Tgt Ion:184 Resp: 135267

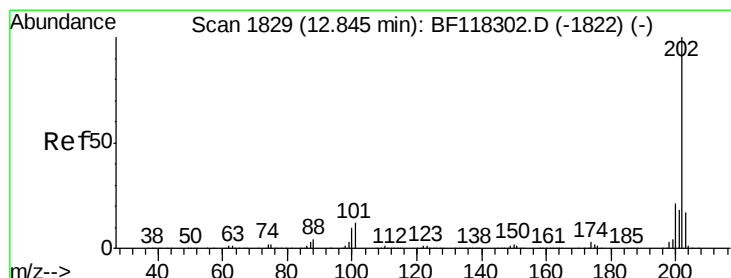
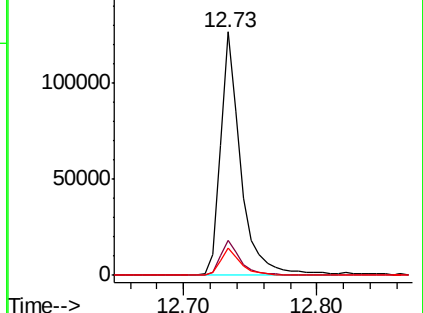
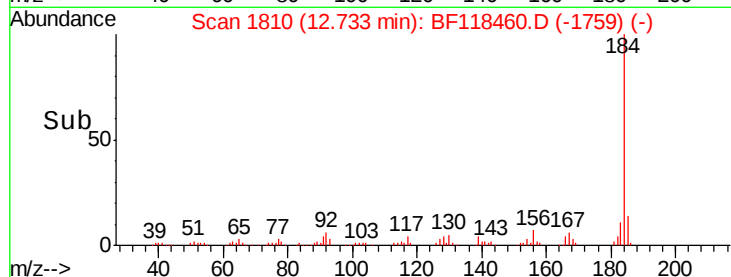
Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.3	18.5
183	11.3	9.4	14.2



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: 36.459 ng

RT: 12.85 min Scan# 1829

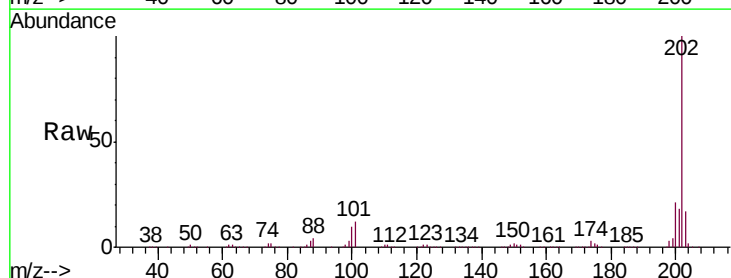
Delta R.T. 0.00 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Tgt Ion:202 Resp: 828801

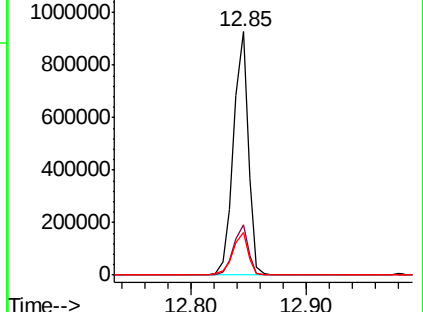
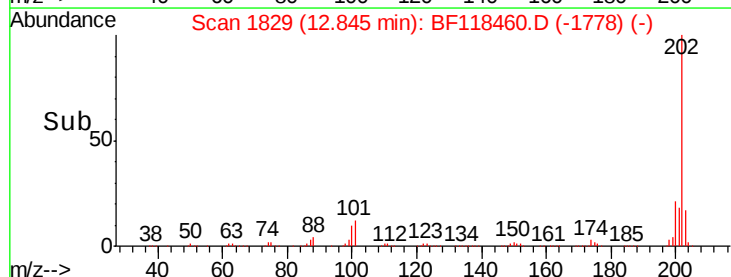
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.3	13.9	20.9

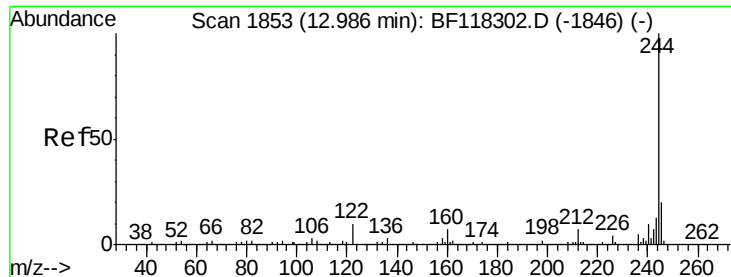


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.473 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

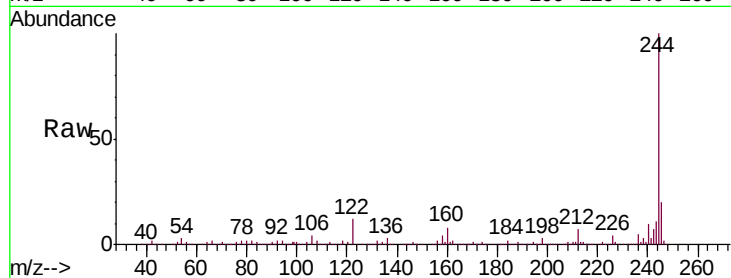
Tgt Ion:244 Resp: 1283175

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

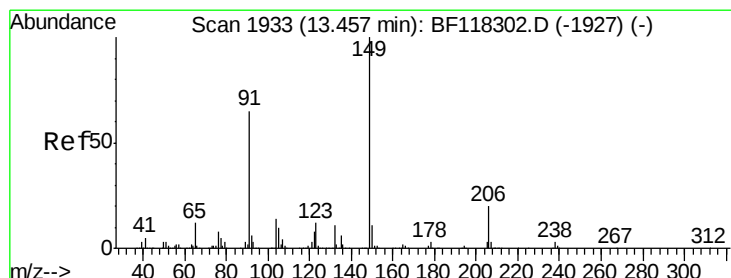
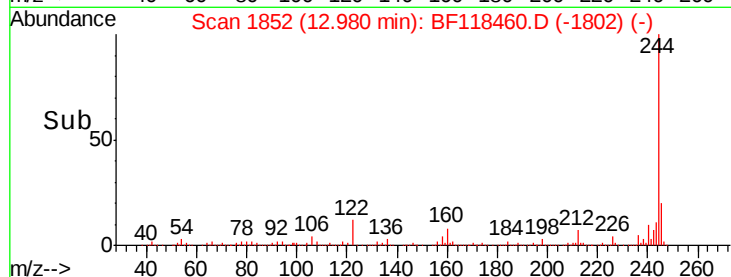
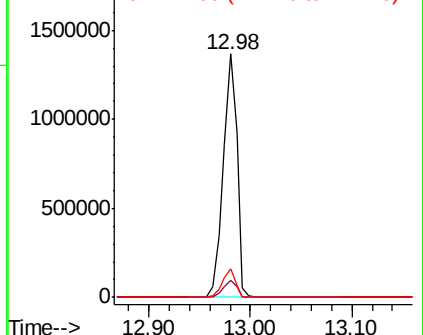
122 11.6 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.559 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

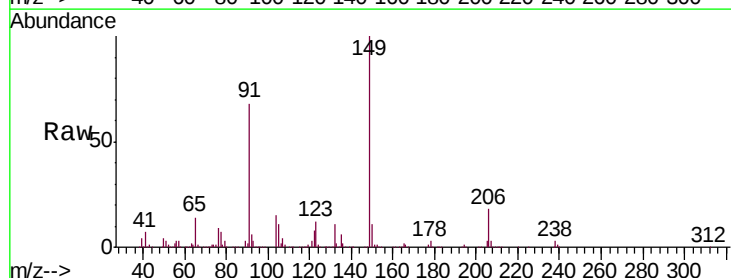
Tgt Ion:149 Resp: 363963

Ion Ratio Lower Upper

149 100

91 68.0 51.8 77.6

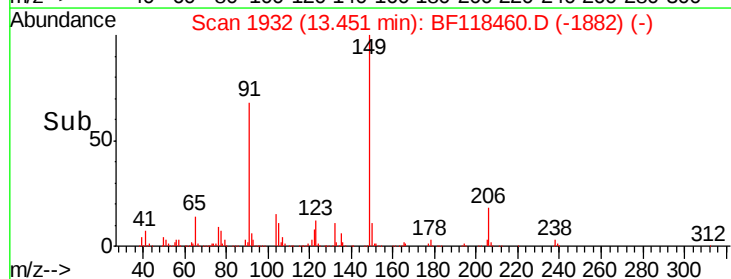
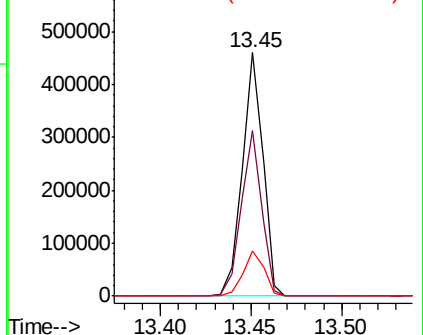
206 18.4 15.7 23.5

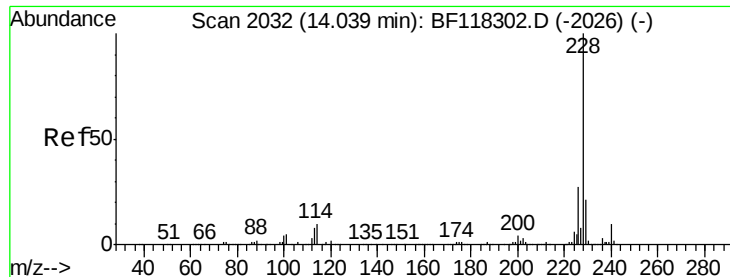


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.345 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

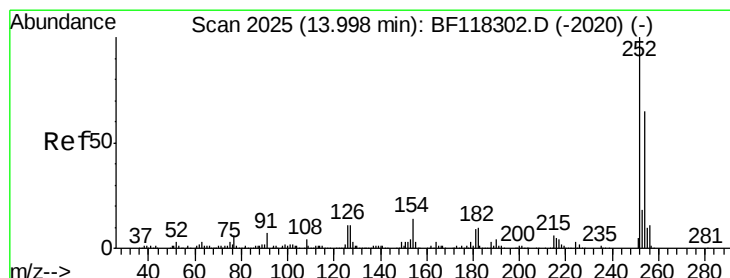
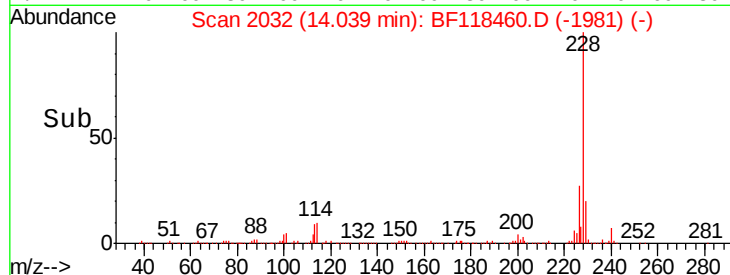
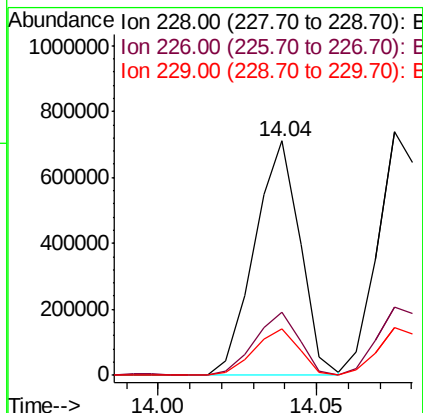
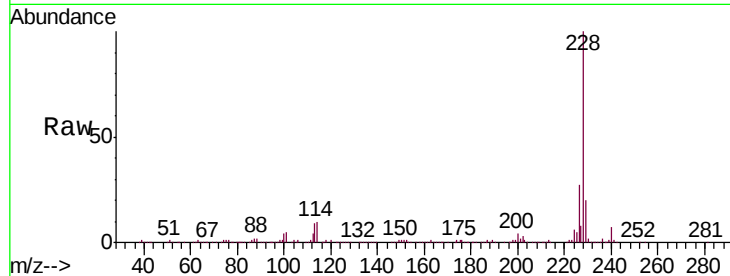
Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB125813BS

Tgt Ion:228 Resp: 708210

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.0	33.0
229	19.6	16.6	24.8



#82

3,3'-Dichlorobenzidine

Concen: 28.540 ng

RT: 14.00 min Scan# 2025

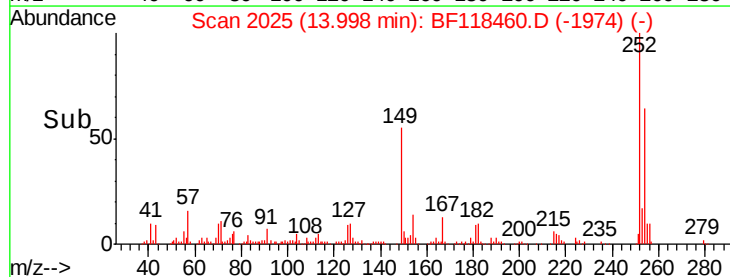
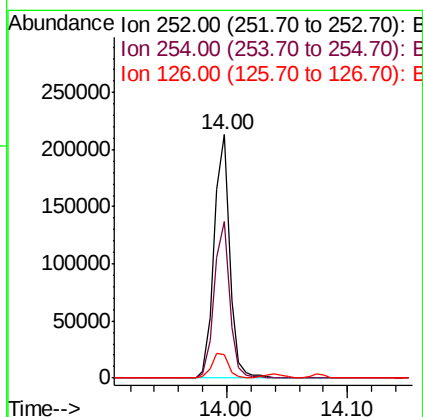
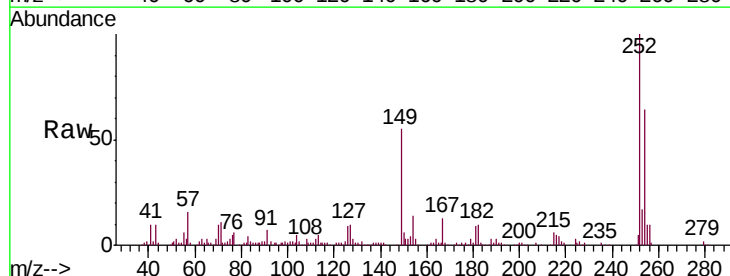
Delta R.T. 0.00 min

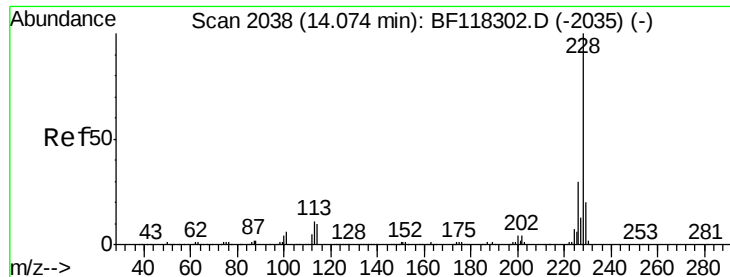
Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Tgt Ion:252 Resp: 188557

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.8	77.8
126	9.5	8.7	13.1





#83

Chrysene

Concen: 36.154 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

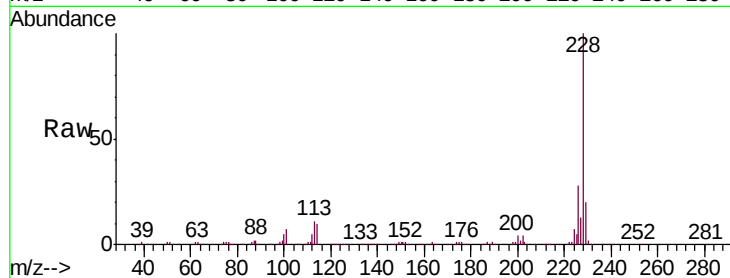
Tgt Ion:228 Resp: 674556

Ion Ratio Lower Upper

228 100

226 28.2 23.9 35.9

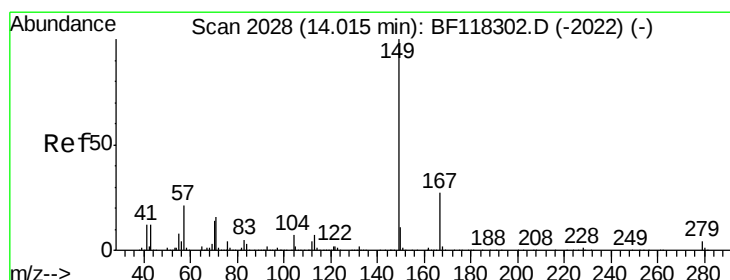
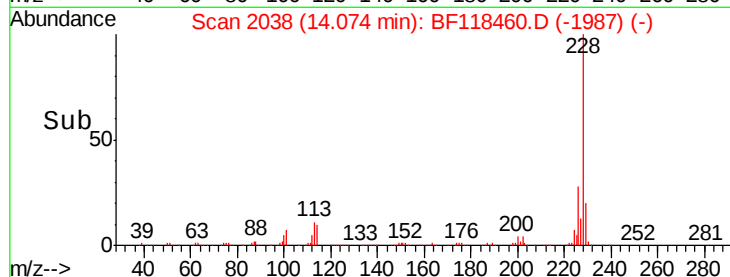
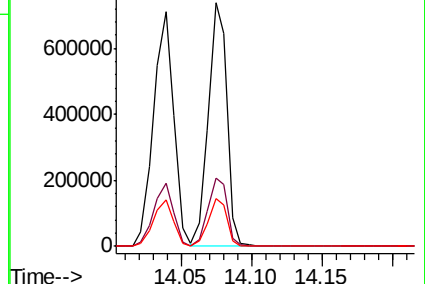
229 19.5 16.1 24.1



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: 42.110 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

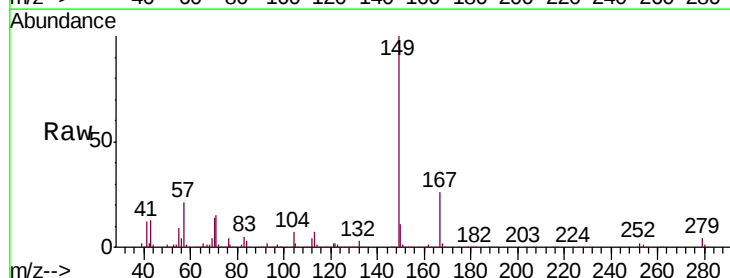
Tgt Ion:149 Resp: 566763

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

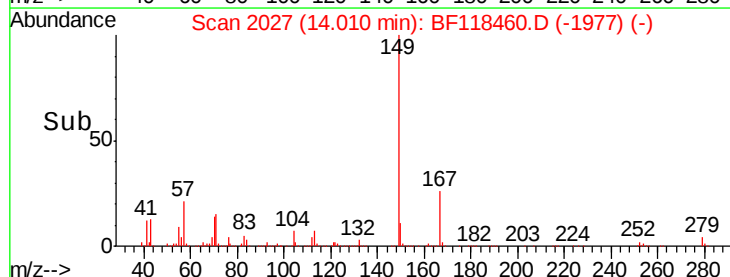
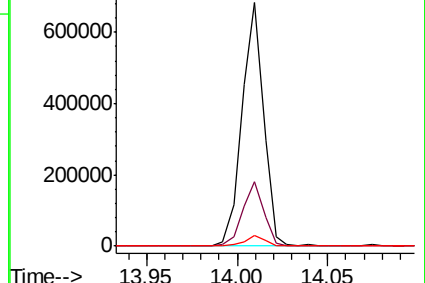
279 4.3 3.4 5.2

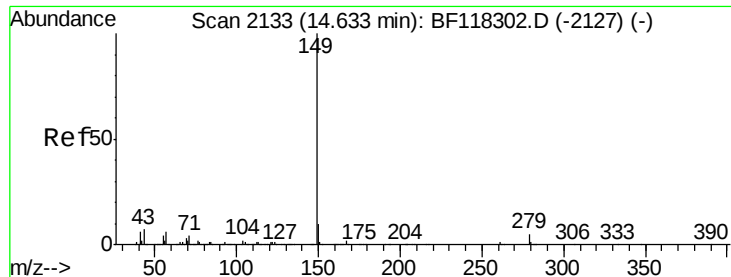


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.304 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

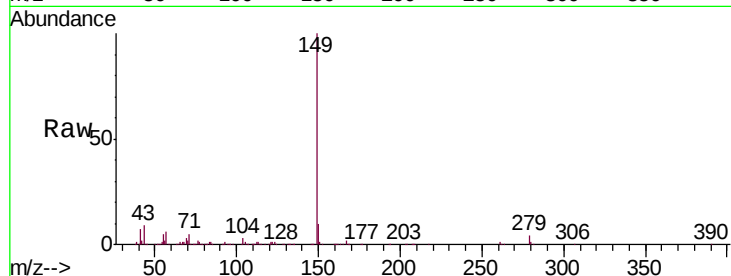
Tgt Ion:149 Resp: 857312

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

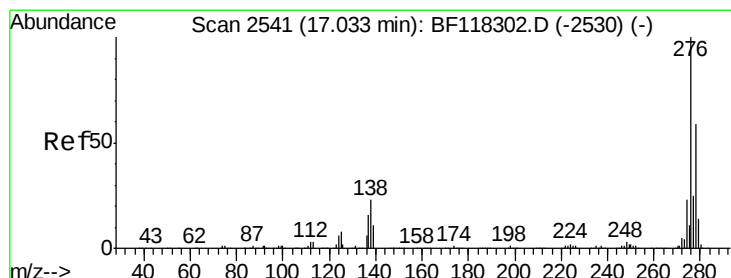
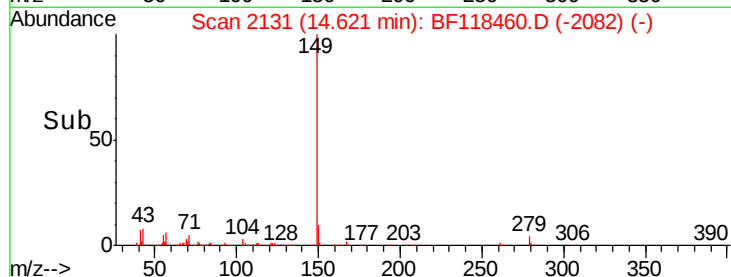
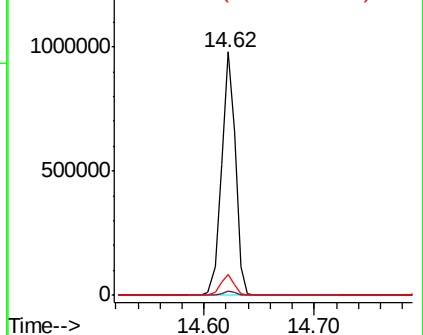
43 8.2 6.1 9.1



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: 32.399 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.02 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

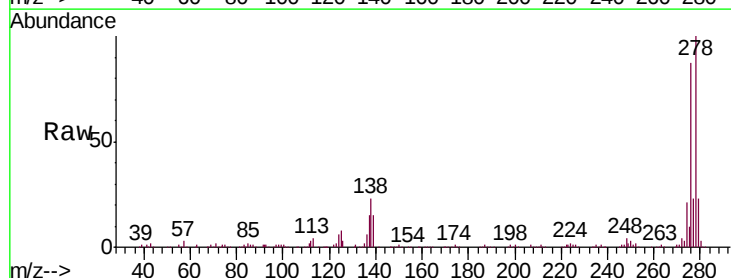
Tgt Ion:276 Resp: 515065

Ion Ratio Lower Upper

276 100

138 23.9 19.5 29.3

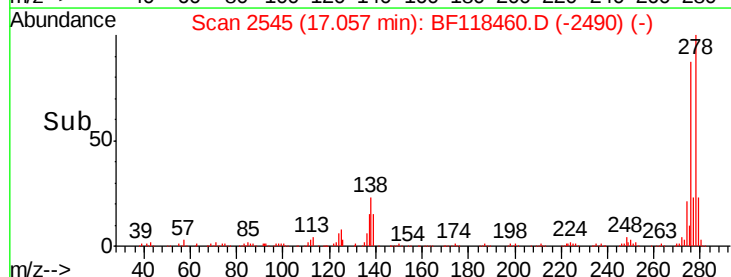
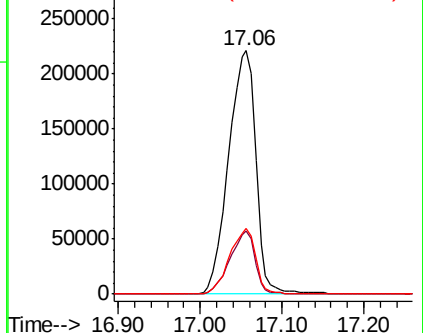
277 25.8 20.6 30.8

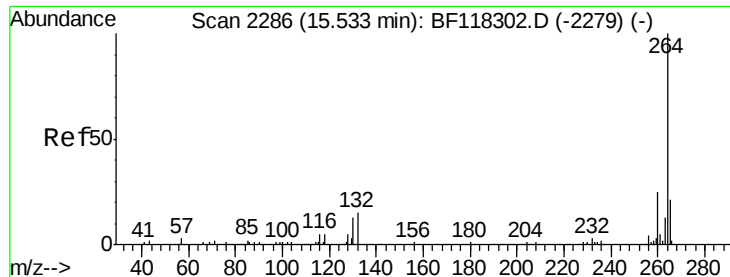


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

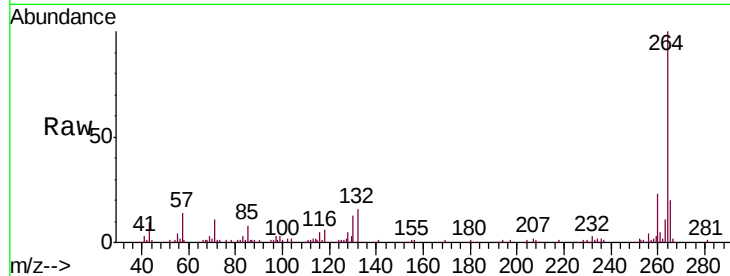




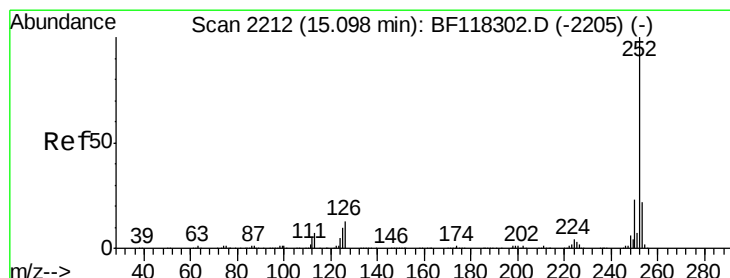
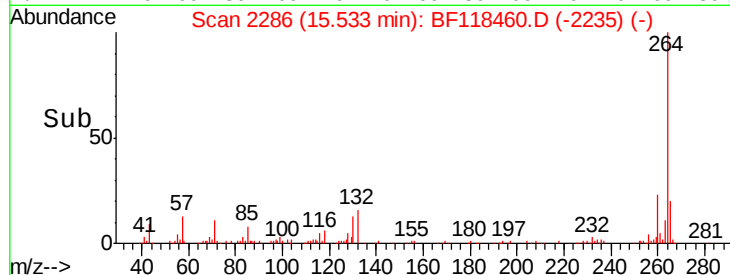
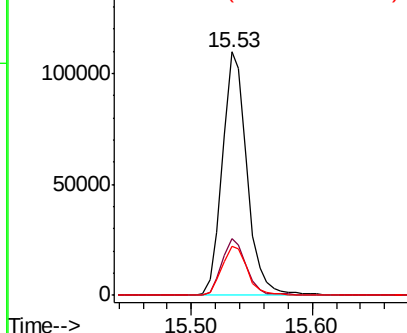
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB125813BS

Tgt Ion:264 Resp: 154145
Ion Ratio Lower Upper
264 100
260 23.5 19.8 29.6
265 20.0 17.0 25.4

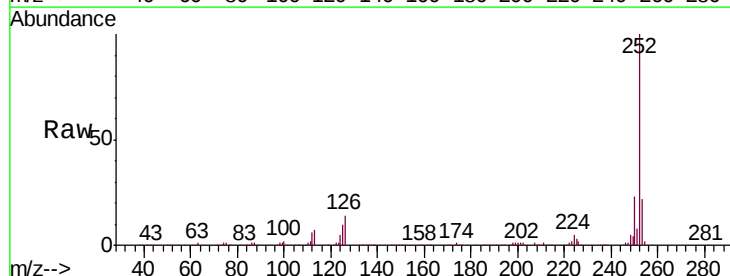


Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

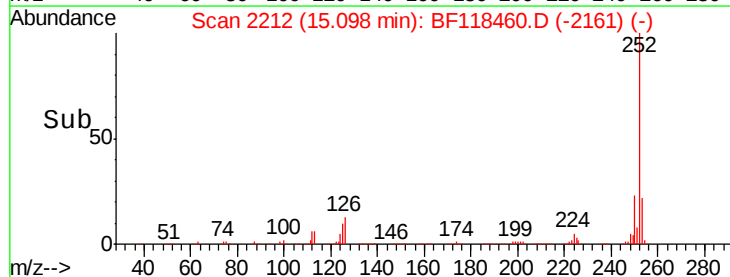
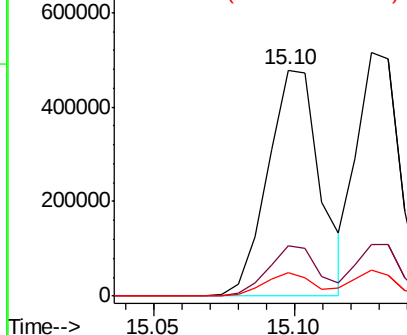


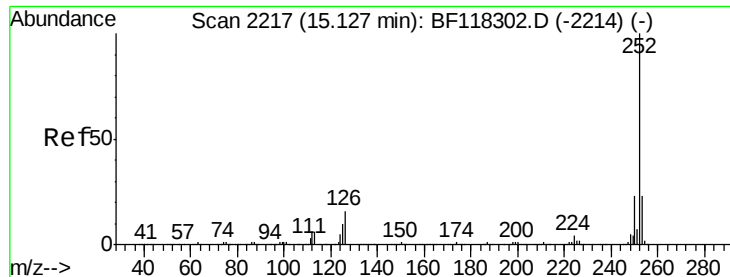
#88
Benzo(b)fluoranthene
Concen: 60.218 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Tgt Ion:252 Resp: 616161
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.5 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E
600000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

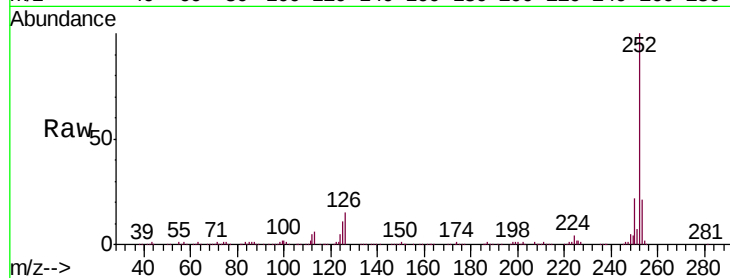




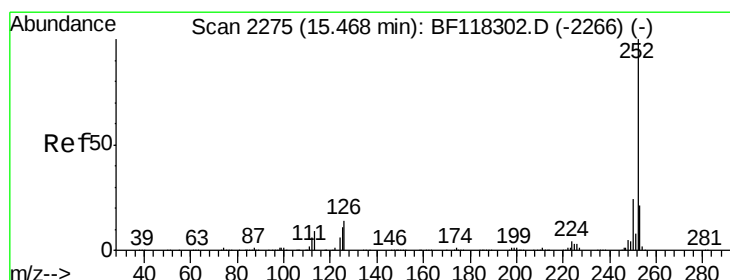
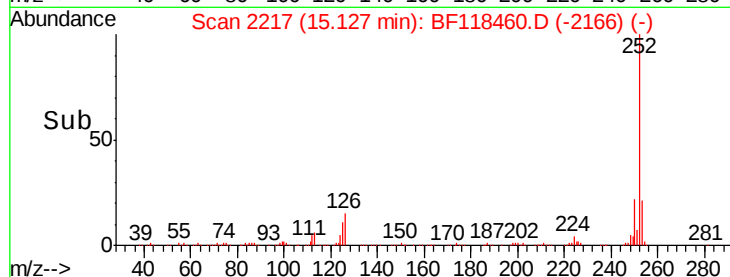
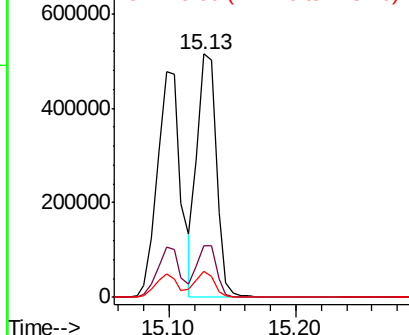
#89
Benzo(k)fluoranthene
Concen: 55.464 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB125813BS

Tgt Ion:252 Resp: 544917
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 10.6 8.0 12.0

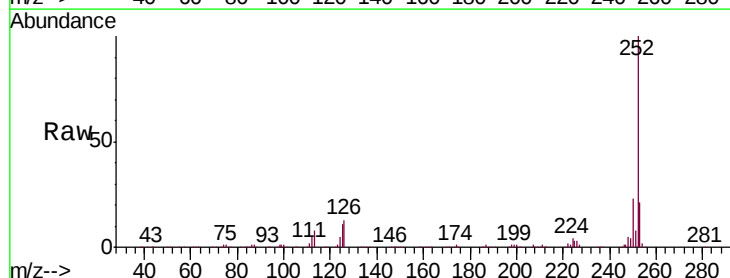


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

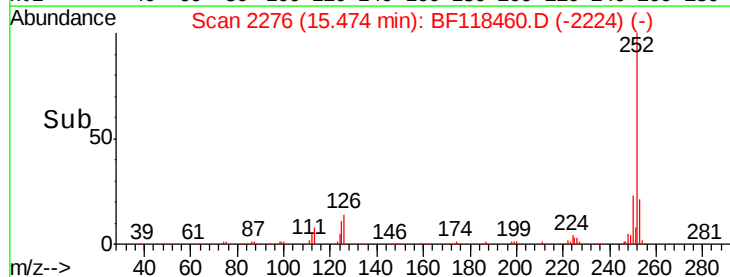
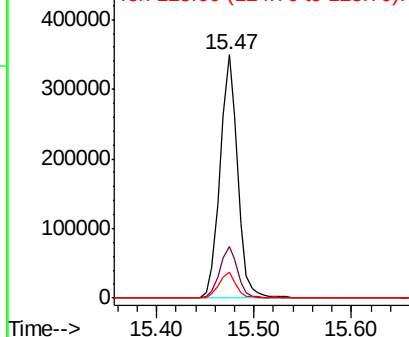


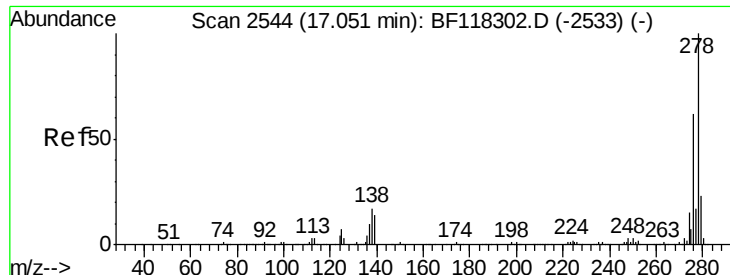
#90
Benzo(a)pyrene
Concen: 48.374 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118460.D
Acq: 3 Jan 2020 14:38

Tgt Ion:252 Resp: 436024
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 10.6 9.0 13.4



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





#91

Dibenzo(a,h)anthracene

Concen: 56.619 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.01 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB125813BS

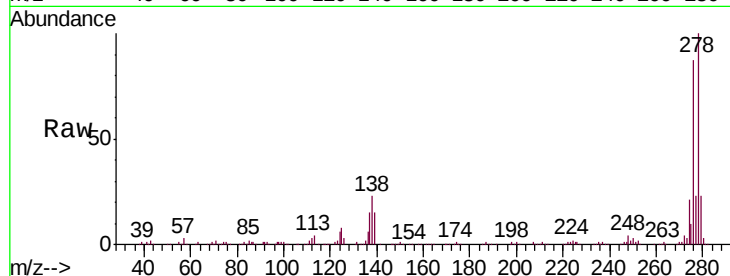
Tgt Ion:278 Resp: 442871

Ion Ratio Lower Upper

278 100

139 15.2 11.5 17.3

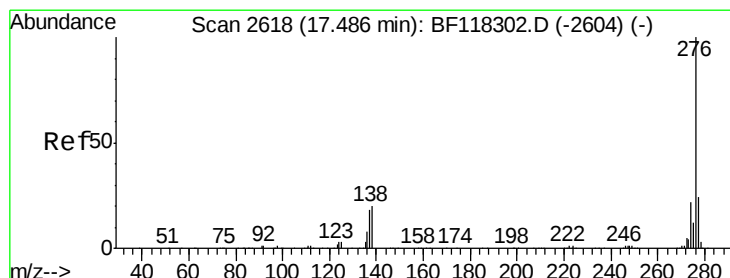
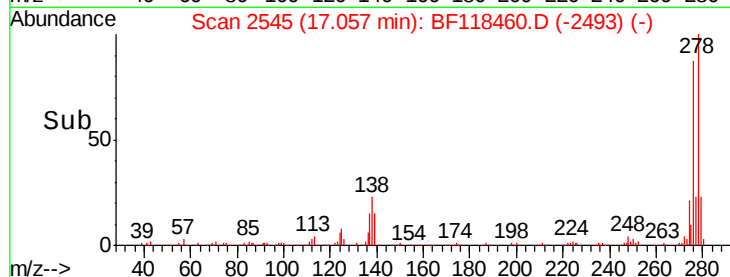
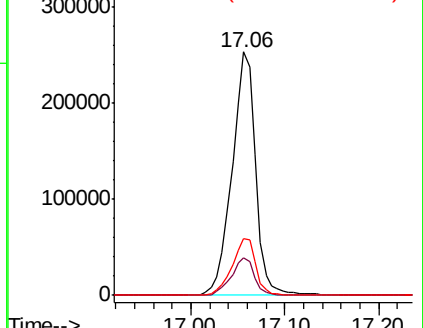
279 23.2 18.3 27.5



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: 52.279 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.02 min

Lab File: BF118460.D

Acq: 3 Jan 2020 14:38

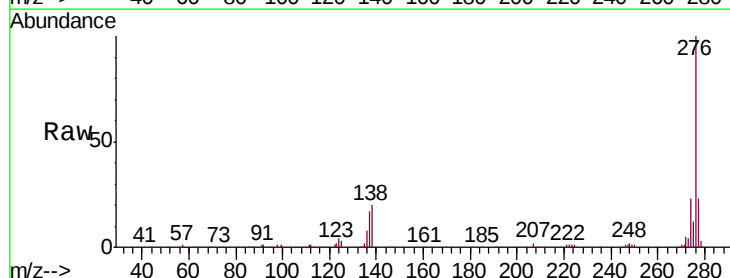
Tgt Ion:276 Resp: 395014

Ion Ratio Lower Upper

276 100

277 23.1 19.1 28.7

138 19.5 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

