

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114066.D
 Acq On : 1 May 2019 13:55
 Operator : JU/SJ
 Sample : K2194-13 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 00:58:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	96266	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	324026	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	202263	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	320007	20.00	ng	0.00
76) Chrysene-d12	14.07	240	246594	20.00	ng	0.00
87) Perylene-d12	15.57	264	151946	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	270850	48.12	ng	0.00
7) Phenol-d6	6.52	99	436438	61.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	207683	39.57	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	101655	41.26	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	421375	32.58	ng	0.00
79) Terphenyl-d14	13.01	244	457684	38.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.67	93	520	0.054	ng	# 1
9) Benzaldehyde	6.44	77	565	Below Cal		94
10) Phenol	6.53	94	4096	0.485	ng	# 50
11) bis(2-Chloroethyl)ether	6.67	93	520	0.082	ng	# 1
15) Benzyl Alcohol	7.05	79	3972	0.835	ng	# 50
18) Hexachloroethane	7.43	117	2200	0.857	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	1094	0.239	ng	# 59
22) Acetophenone	7.29	105	5258	0.729	ng	# 61
24) Nitrobenzene	7.50	77	111	0.019	ng	# 39
25) Isophorone	7.45	82	204043	19.002	ng	# 65
26) 2-Nitrophenol	7.80	139	140	0.053	ng	# 1
28) bis(2-Chloroethoxy)methane	7.93	93	1103	0.161	ng	# 1
29) 2,4-Dichlorophenol	8.08	162	557	0.113	ng	# 44
31) Naphthalene	8.20	128	14027	0.911	ng	# 92
33) 4-Chloroaniline	8.23	127	837	0.129	ng	# 1
35) Caprolactam	8.60	113	5261	3.356	ng	# 17
36) 4-Chloro-3-methylphenol	8.73	107	413	0.085	ng	# 19
37) 2-Methylnaphthalene	8.89	142	7896	0.761	ng	# 91
38) 1-Methylnaphthalene	8.99	142	7146	0.713	ng	# 92
43) 2,4,6-Trichlorophenol	9.16	196	225	0.054	ng	# 13
44) 2,4,5-Trichlorophenol	9.22	196	475	0.102	ng	# 1
46) 1,1'-Biphenyl	9.36	154	6626	0.429	ng	# 95
47) 2-Chloronaphthalene	9.40	162	110	0.009	ng	# 1
48) 2-Nitroaniline	9.47	65	207	0.063	ng	# 53
49) Acenaphthylene	9.80	152	5734	0.291	ng	# 66
50) Dimethylphthalate	9.64	163	60026	4.103	ng	# 99
51) 2,6-Dinitrotoluene	9.70	165	1067	0.340	ng	# 48
52) Acenaphthene	9.97	154	5099	0.439	ng	# 75
53) 3-Nitroaniline	9.89	138	277	0.084	ng	# 51
54) 2,4-Dinitrophenol	10.16	184	133	8.407	ng	# 56
55) Dibenzofuran	10.14	168	6460	0.371	ng	# 38
56) 4-Nitrophenol	10.04	139	1666	0.638	ng	# 1
57) 2,4-Dinitrotoluene	10.17	165	1249	0.315	ng	# 57
58) Fluorene	10.49	166	9091	0.693	ng	# 76

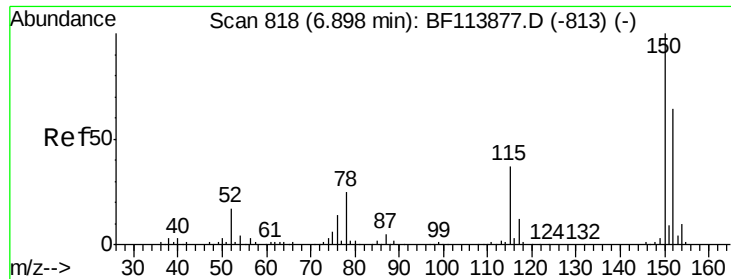
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114066.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 2,3,4,6-Tetrachlorophenol	10.39	232	272	0.066	ng	# 11
60) Diethylphthalate	10.35	149	2325	0.167	ng	# 49
61) 4-Chlorophenyl-phenylether	10.49	204	362	0.052	ng	# 1
62) 4-Nitroaniline	10.68	138	828	0.257	ng	# 82
63) Azobenzene	10.62	77	1732	0.129	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.67	198	276	7.468	ng	# 1
66) n-Nitrosodiphenylamine	10.37	169	2577	0.268	ng	# 93
67) 4-Bromophenyl-phenylether	11.09	248	374	0.097	ng	# 1
69) Atrazine	11.12	200	2209	0.707	ng	# 61
70) Pentachlorophenol	11.06	266	243	0.101	ng	# 17
71) Phenanthrene	11.44	178	52121	3.241	ng	# 98
72) Anthracene	11.44	178	52121	3.209	ng	# 99
73) Carbazole	11.65	167	3064	0.211	ng	# 24
74) Di-n-butylphthalate	11.98	149	757	0.044	ng	# 36
75) Fluoranthene	12.64	202	75683	4.313	ng	# 96
77) Benzidine	12.73	184	1504	0.205	ng	# 1
78) Pyrene	12.87	202	78707	4.564	ng	# 97
80) Butylbenzylphthalate	13.49	149	1925	0.284	ng	# 6
81) Benzo(a)anthracene	14.06	228	36128	2.487	ng	# 85
82) 3,3'-Dichlorobenzidine	14.00	252	2258	0.424	ng	# 57
83) Chrysene	14.10	228	37782	2.670	ng	# 90
84) Bis(2-ethylhexyl)phthalate	14.04	149	6463	0.749	ng	# 71
85) Di-n-octyl phthalate	14.70	149	2022	0.150	ng	# 61
86) Indeno(1,2,3-cd)pyrene	17.09	276	8993	0.671	ng	# 83
88) Benzo(b)fluoranthene	15.14	252	41856	4.354	ng	# 42
89) Benzo(k)fluoranthene	15.14	252	41843	5.060	ng	# 44
90) Benzo(a)pyrene	15.51	252	18818	2.263	ng	# 42
91) Dibenzo(a,h)anthracene	17.09	278	3493	0.447	ng	# 1
92) Benzo(a,h,i)perylene	17.54	276	9759	1.239	ng	# 69

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

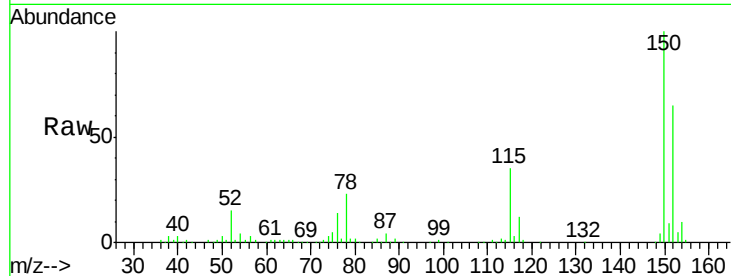


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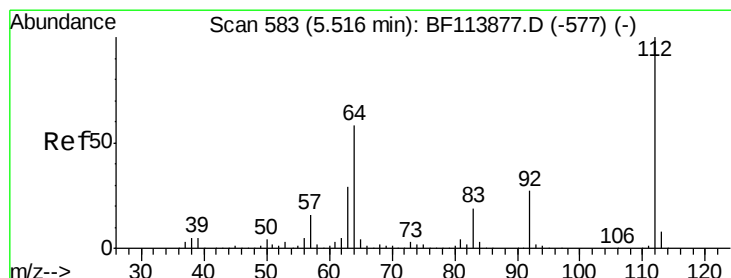
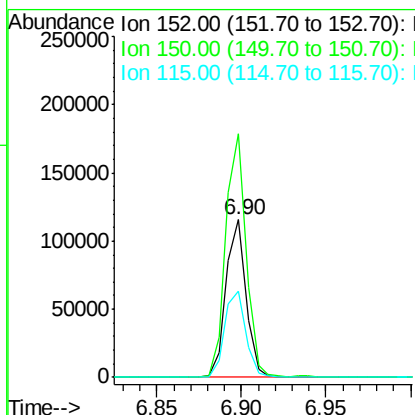
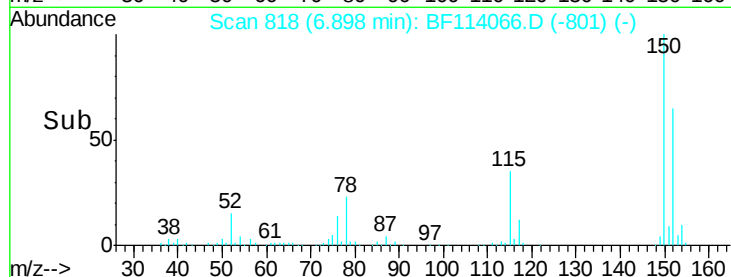
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 96266
Ion Ratio Lower Upper
152 100
150 154.5 125.9 188.9
115 54.8 45.9 68.9



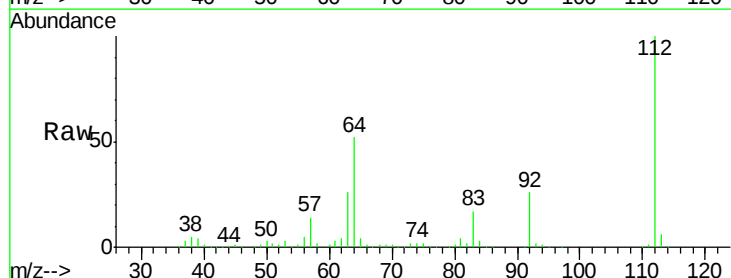
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



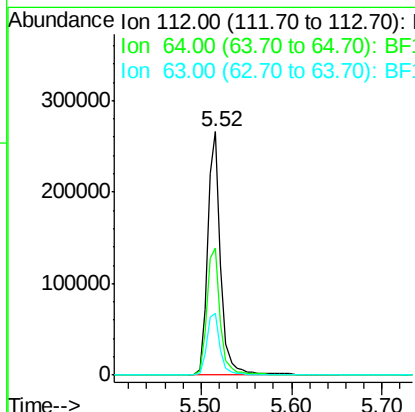
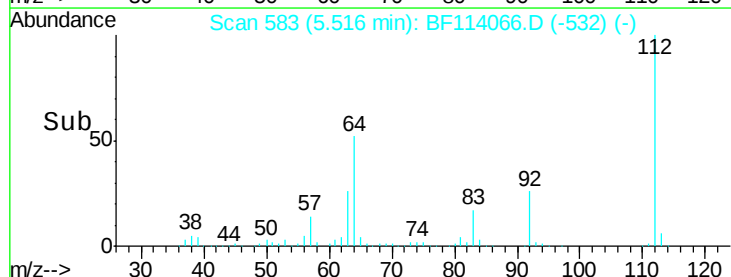
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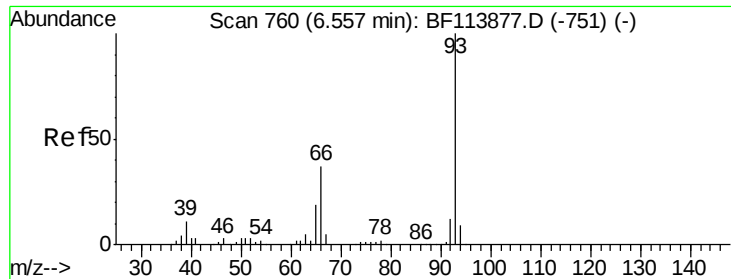
2-Fluorophenol
Concen: 48.122 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion:112 Resp: 270850
Ion Ratio Lower Upper
112 100
64 52.4 46.6 69.8
63 25.6 23.1 34.7



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: 0.054 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.11 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

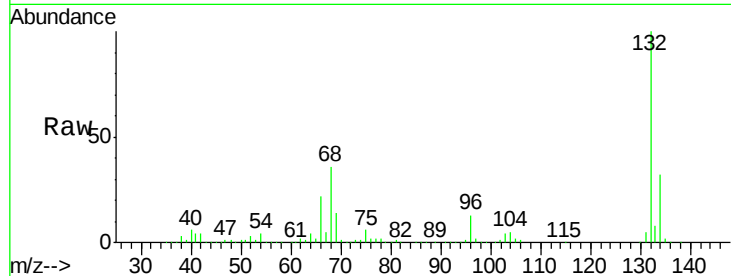
Tot Ion: 93 Resp: 520

Ion Ratio Lower Upper

93 100

66 13908.6 29.8 44.6#

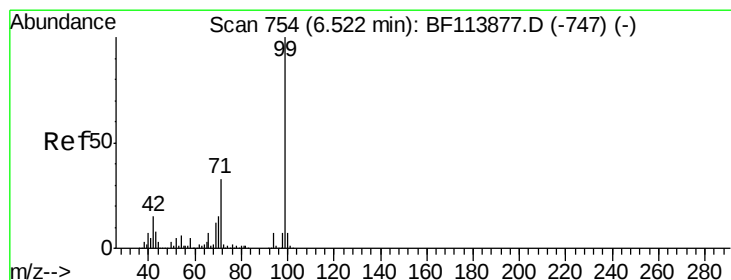
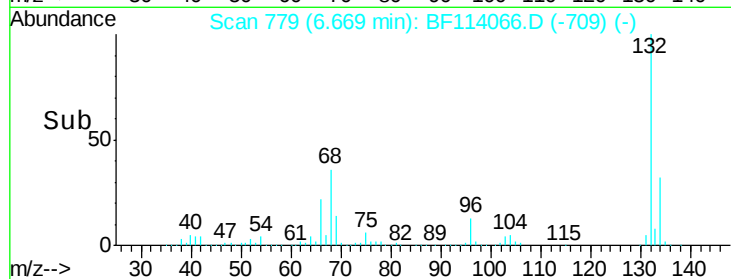
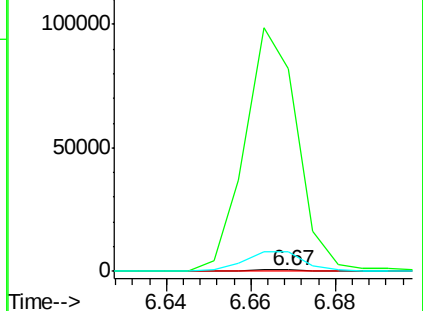
65 1303.7 14.9 22.3#



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: 61.805 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

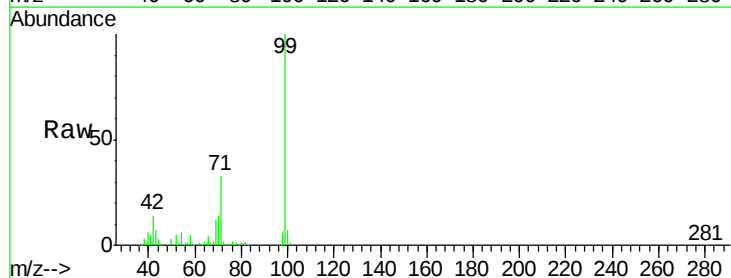
Tgt Ion: 99 Resp: 436438

Ion Ratio Lower Upper

99 100

42 13.9 12.5 18.7

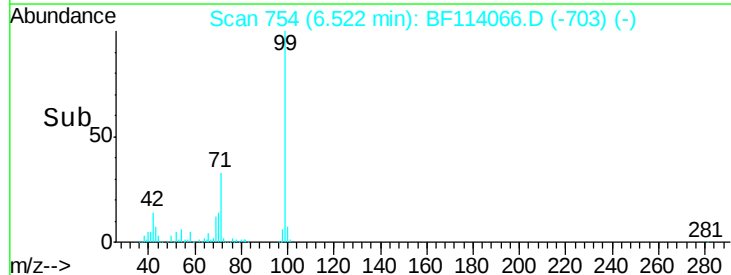
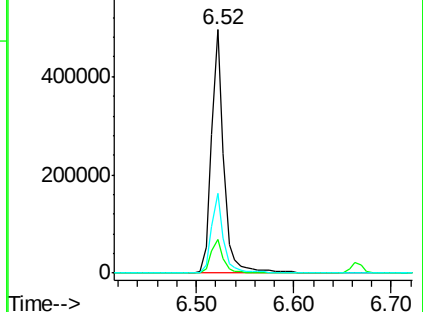
71 32.7 26.9 40.3

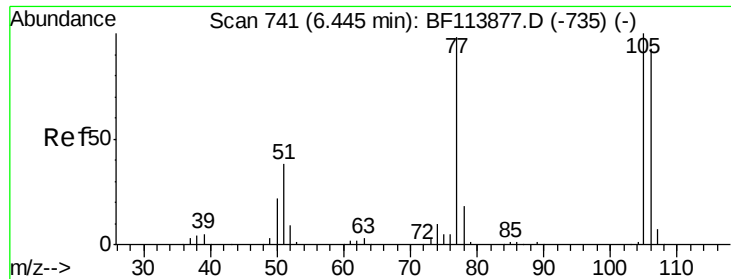


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: Below Cal

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampled :

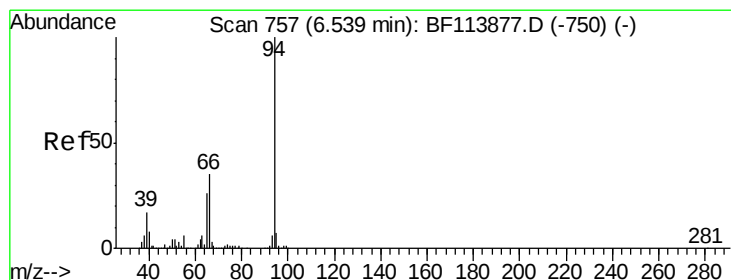
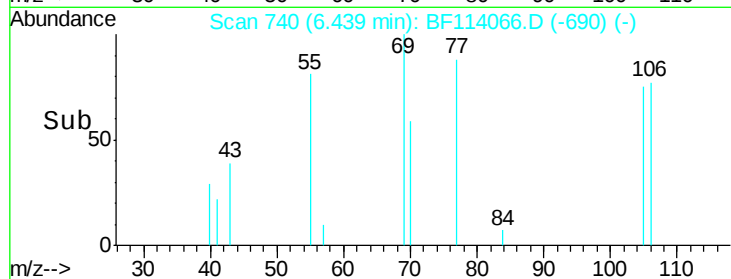
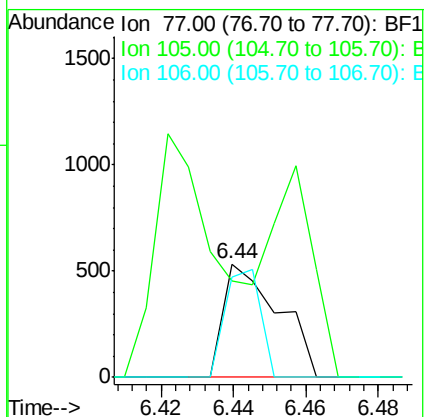
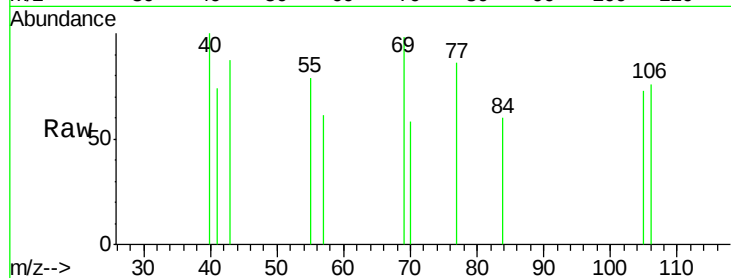
Tot Ion: 77 Resp: 565

Ion Ratio Lower Upper

77 100

105 84.9 74.1 114.1

106 87.9 70.3 110.3



#10

Phenol

Concen: 0.485 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

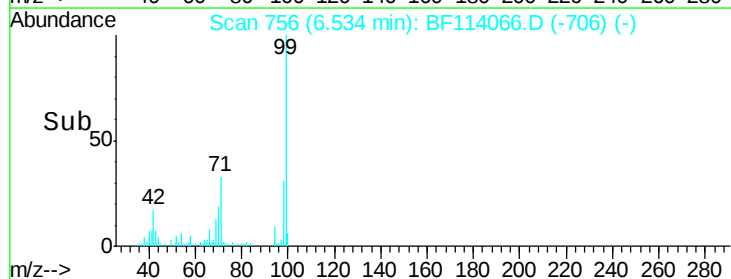
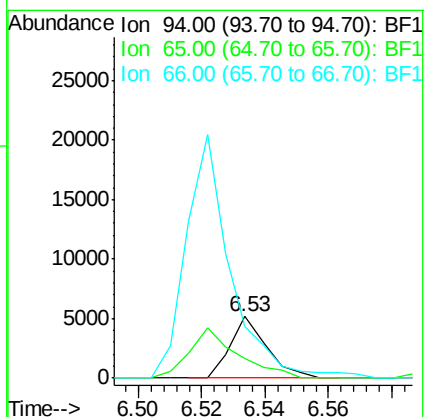
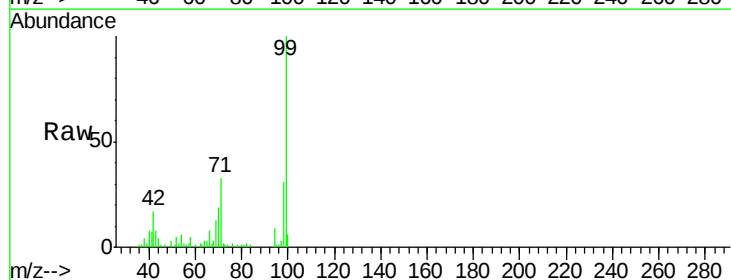
Tgt Ion: 94 Resp: 4096

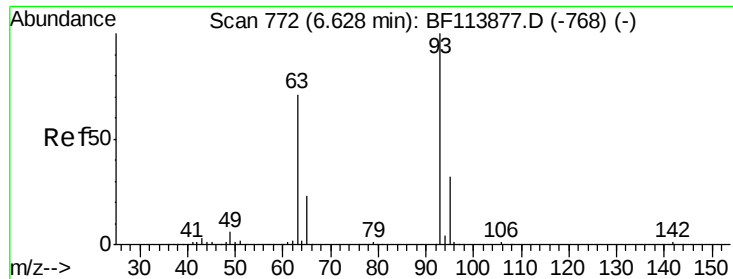
Ion Ratio Lower Upper

94 100

65 32.8 8.1 48.1

66 84.9 16.6 56.6#

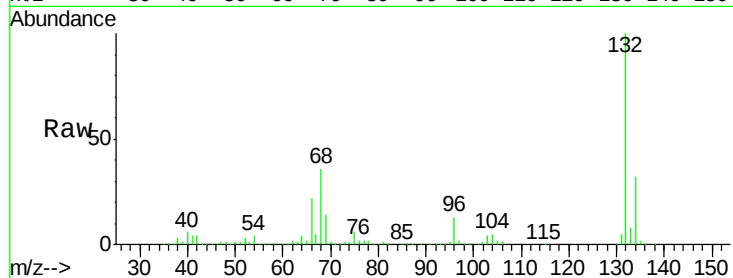




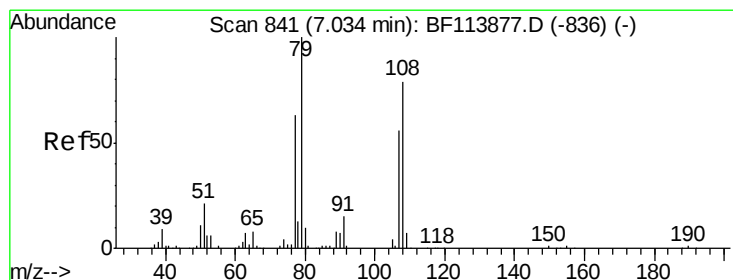
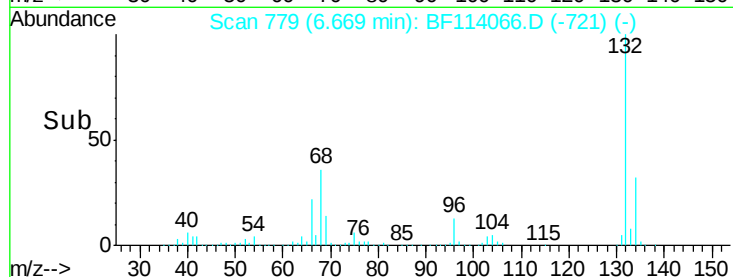
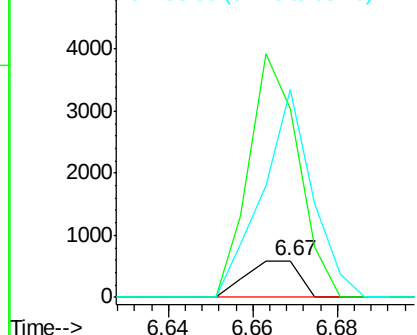
#11
bis(2-Chloroethyl)ether
Concen: 0.082 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.04 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 520
Ion Ratio Lower Upper
93 100
63 514.2 50.7 90.7#
95 566.3 12.3 52.3#

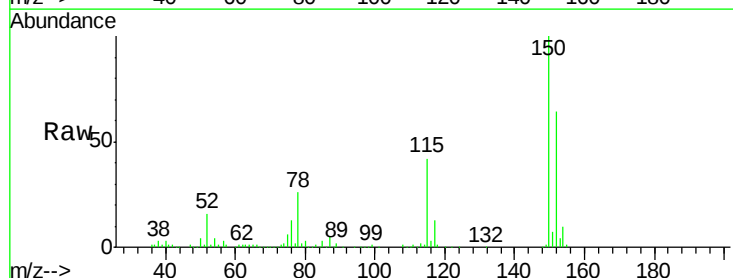


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

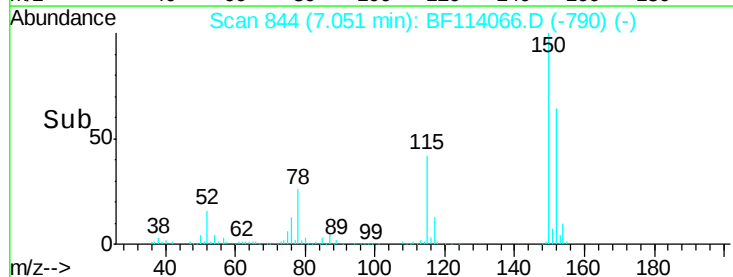
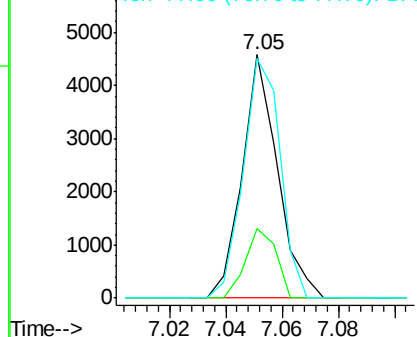


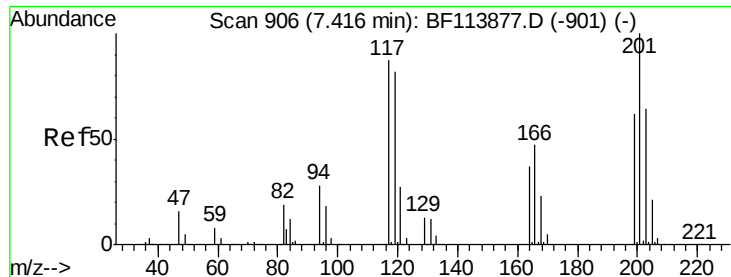
#15
Benzyl Alcohol
Concen: 0.835 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion: 79 Resp: 3972
Ion Ratio Lower Upper
79 100
108 28.8 61.4 92.0#
77 98.6 51.6 77.4#



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





#18

Hexachloroethane

Concen: 0.857 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.02 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

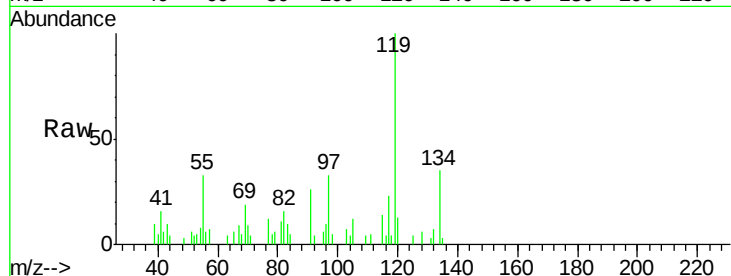
Tot Ion:117 Resp: 2200

Ion Ratio Lower Upper

117 100

119 437.8 74.4 111.6#

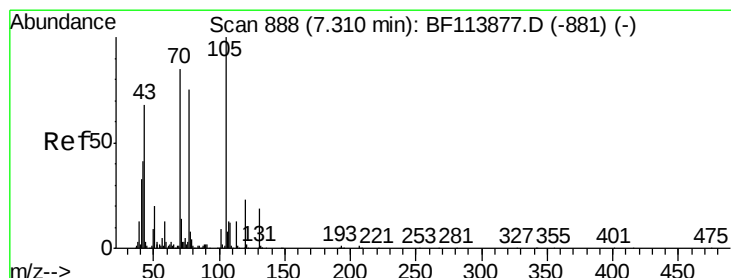
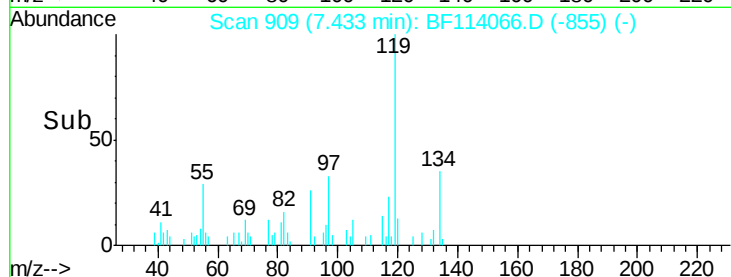
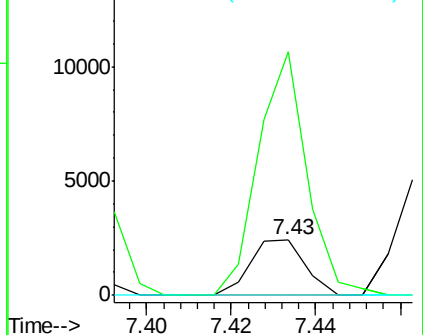
201 0.0 90.2 135.2#



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: 0.239 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Tgt Ion: 70 Resp: 1094

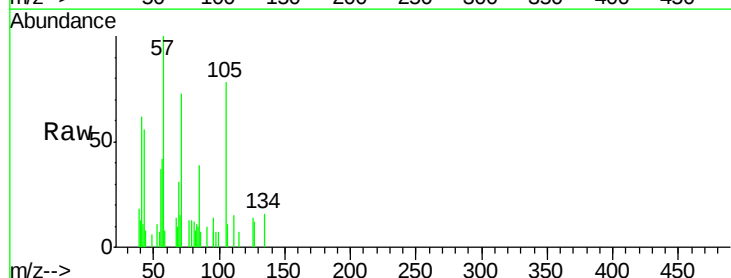
Ion Ratio Lower Upper

70 100

42 73.9 37.3 55.9#

101 0.0 7.8 11.8#

130 0.0 18.2 27.2#

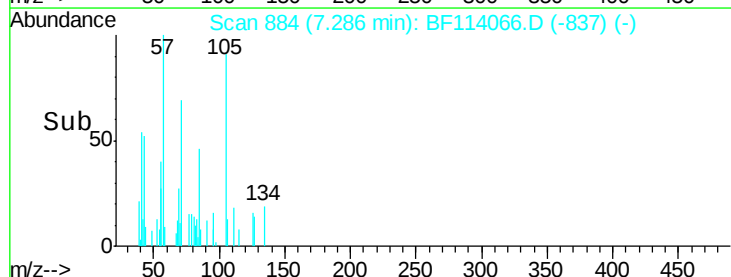
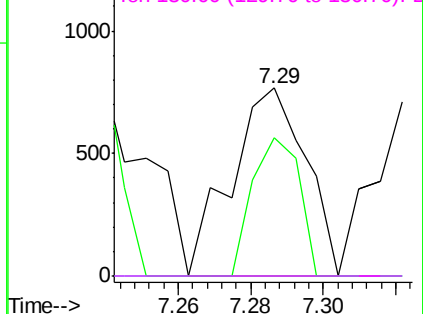


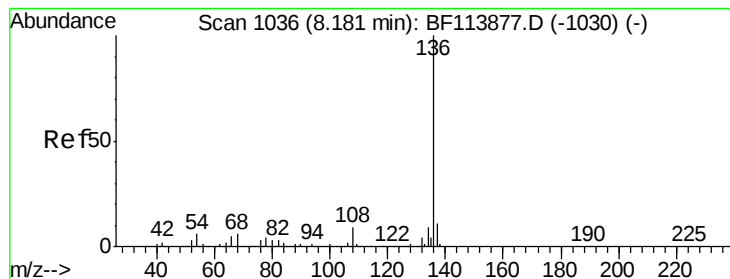
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 324026

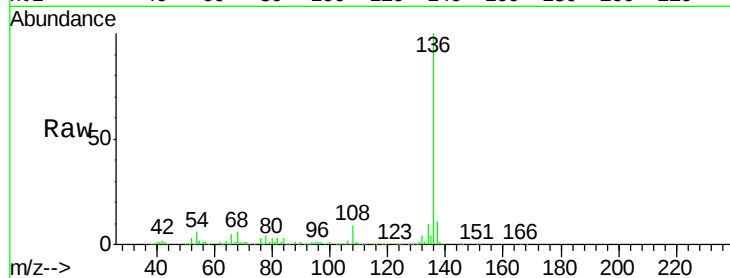
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 6.1 5.0 7.6

68 6.2 4.9 7.3

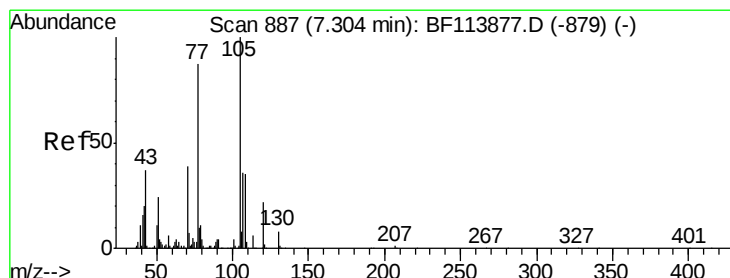
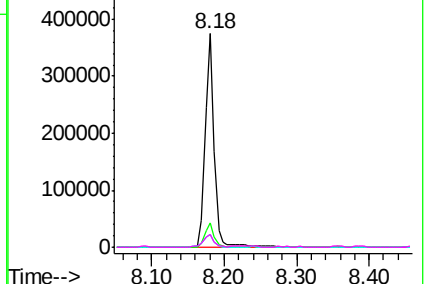
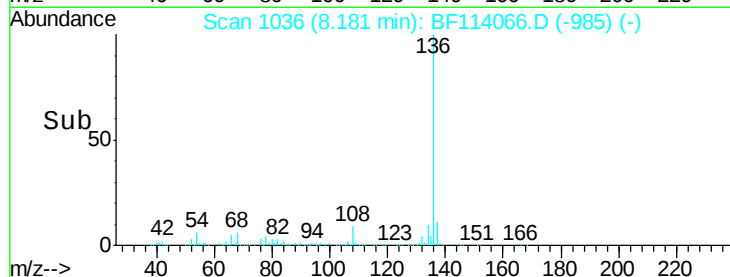


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 0.729 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Tgt Ion:105 Resp: 5258

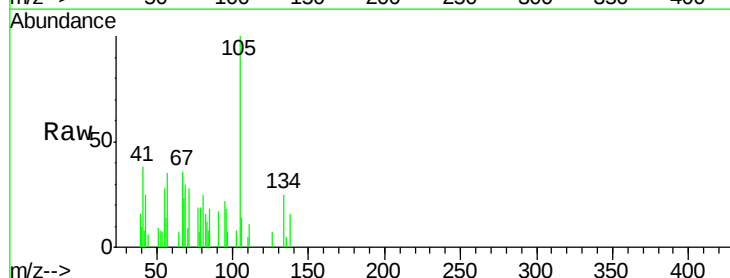
Ion Ratio Lower Upper

105 100

71 28.2 6.1 9.1#

51 9.4 16.8 25.2#

120 0.0 17.6 26.4#

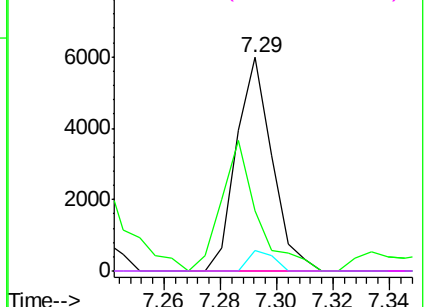
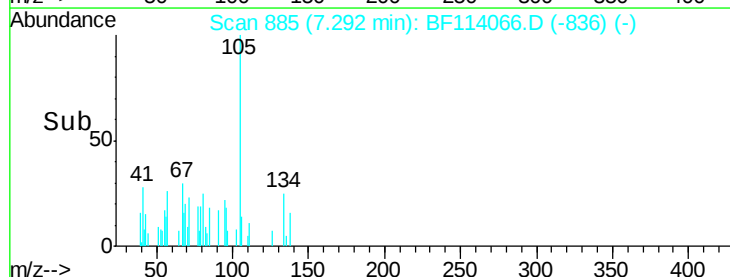


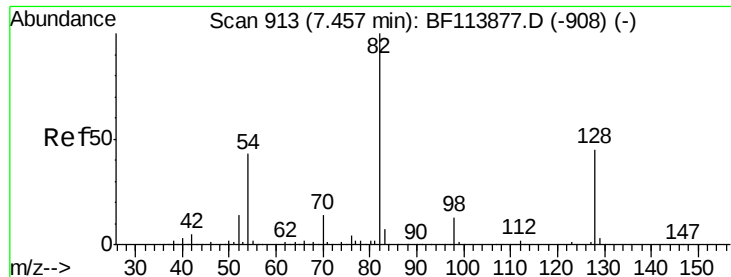
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

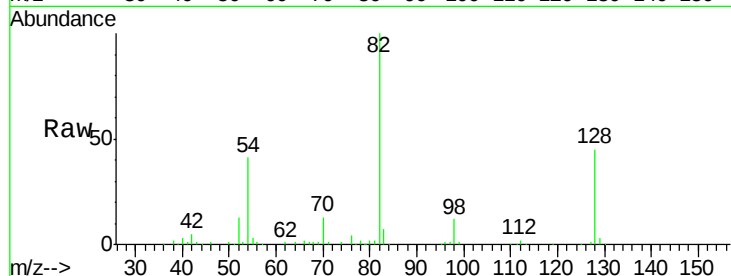




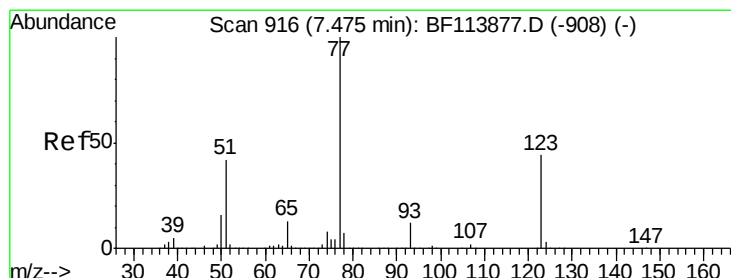
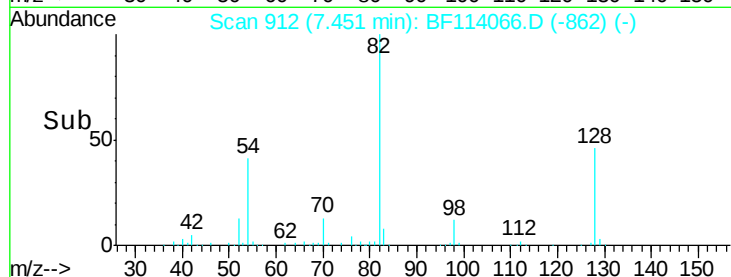
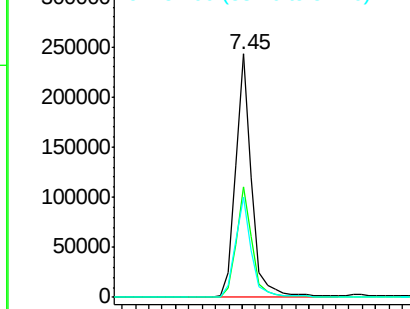
#23
Nitrobenzene-d5
Concen: 39.574 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 207683
Ion Ratio Lower Upper
82 100
128 45.4 36.8 55.2
54 41.2 33.8 50.6

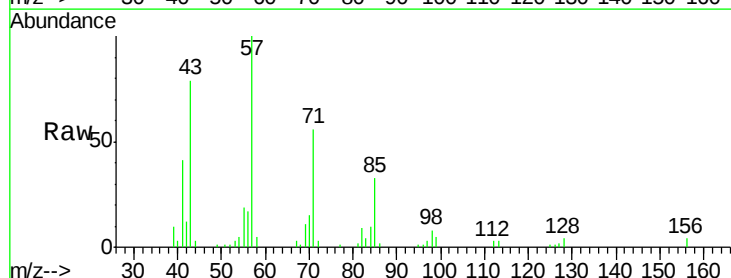


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

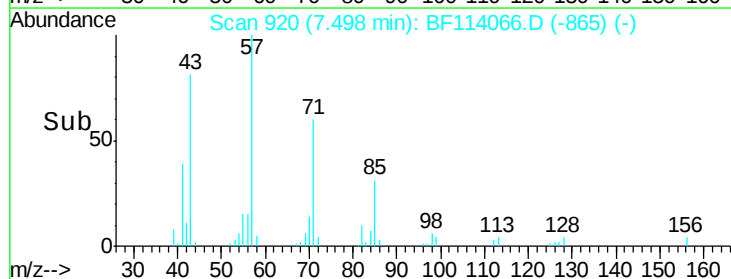
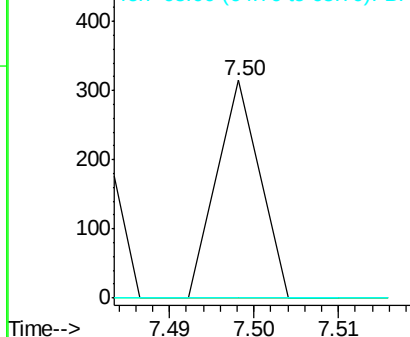


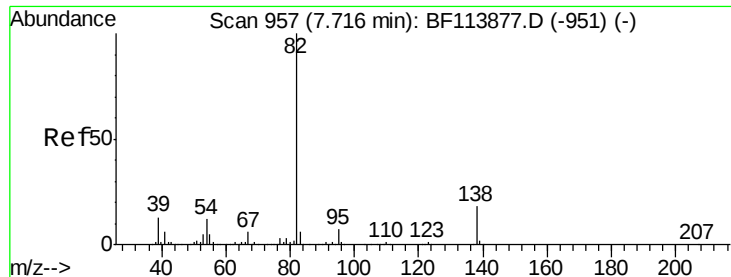
#24
Nitrobenzene
Concen: 0.019 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.02 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion: 77 Resp: 111
Ion Ratio Lower Upper
77 100
123 0.0 36.3 54.5#
65 0.0 10.3 15.5#



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





#25

Isophorone

Concen: 19.002 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

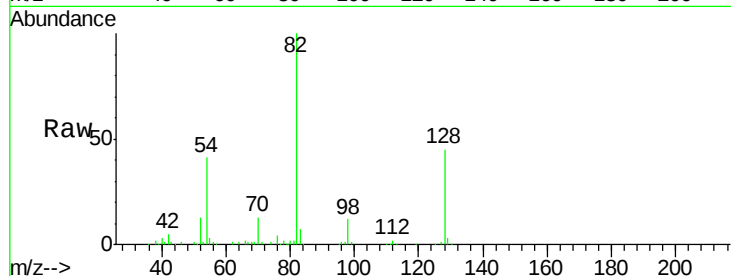
Tot Ion: 82 Resp: 204043

Ion Ratio Lower Upper

82 100

95 0.3 5.4 8.2#

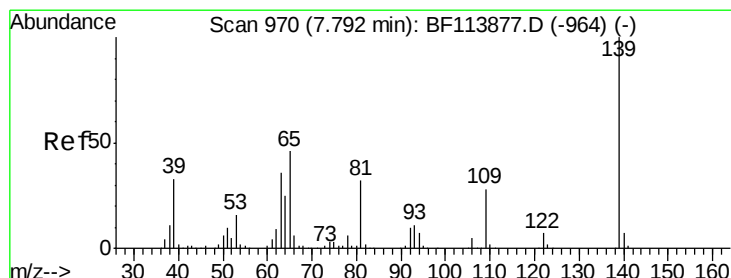
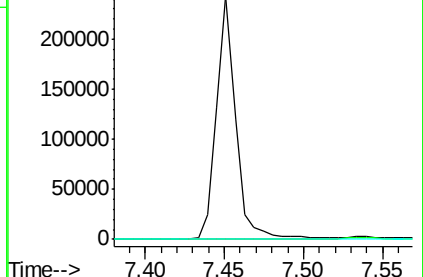
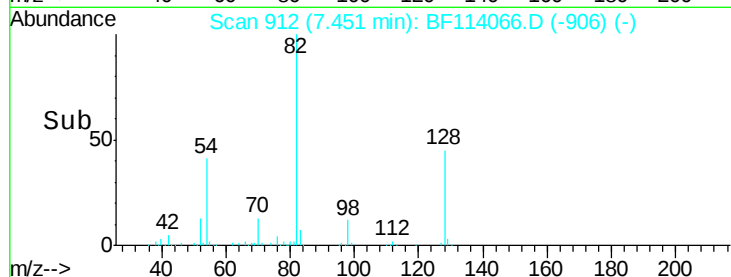
138 0.0 14.6 22.0#



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: 0.053 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

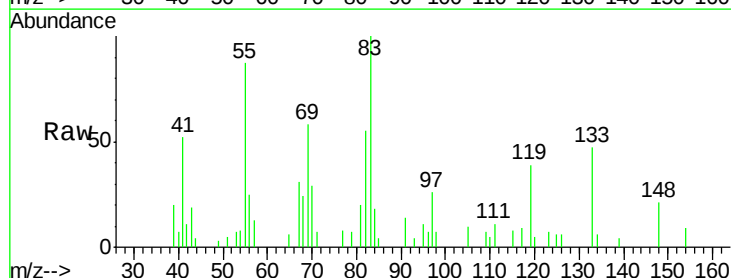
Tgt Ion: 139 Resp: 140

Ion Ratio Lower Upper

139 100

109 164.9 20.6 31.0#

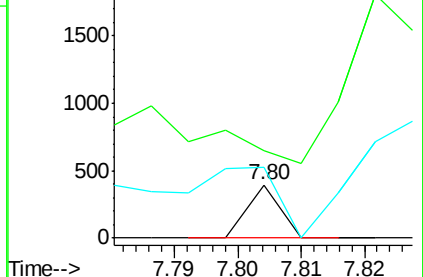
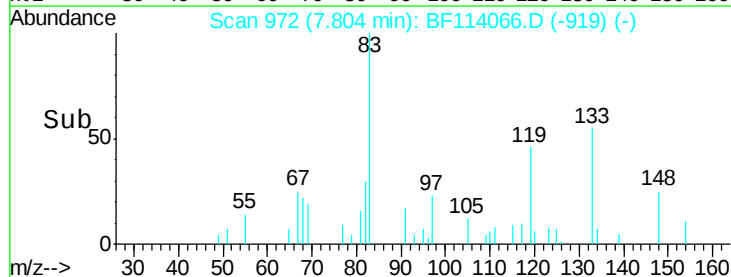
65 132.8 34.6 52.0#

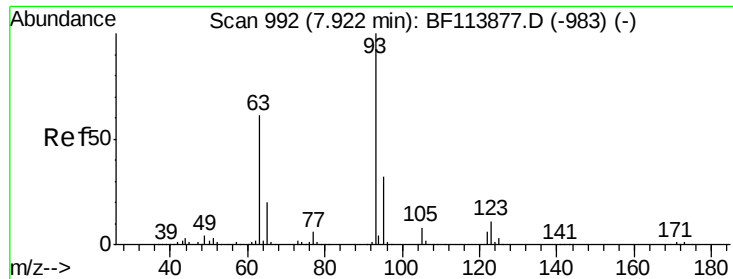


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

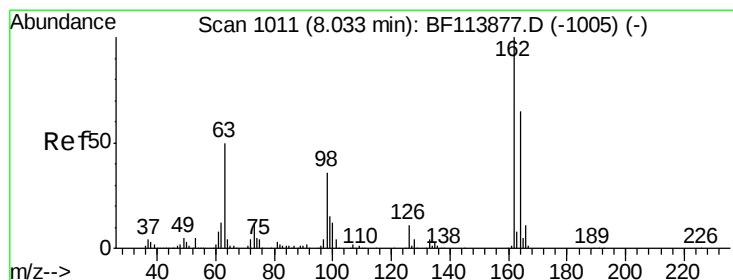
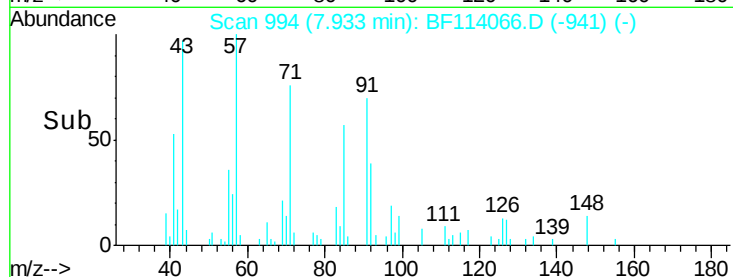
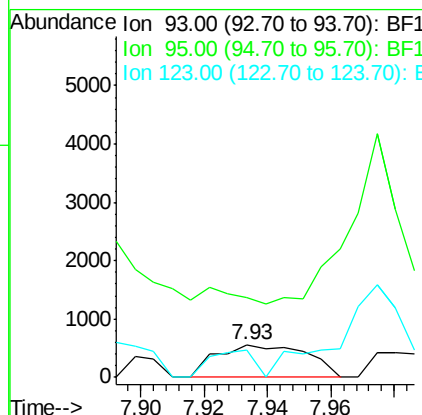
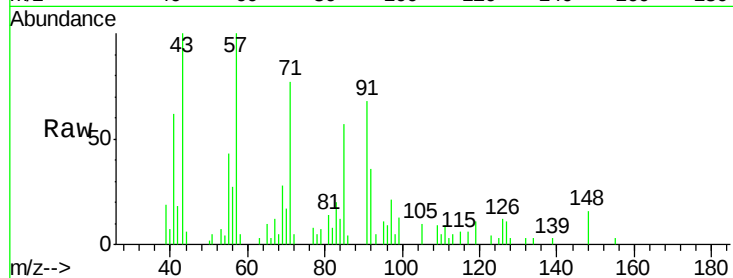




#28
bis(2-Chloroethoxy)methane
Concen: 0.161 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

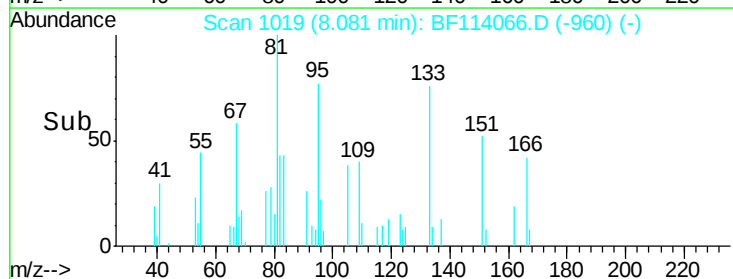
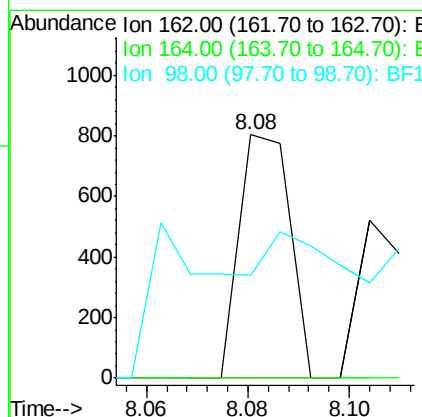
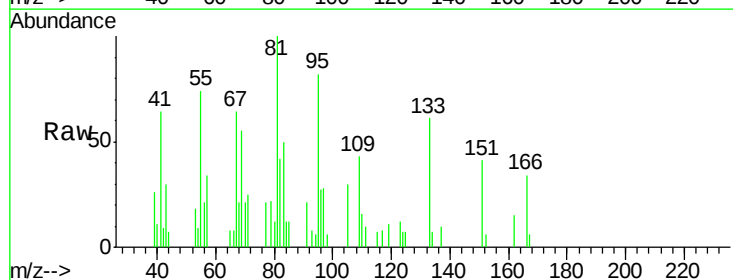
Instrument :
BNA_F
ClientSampleId :

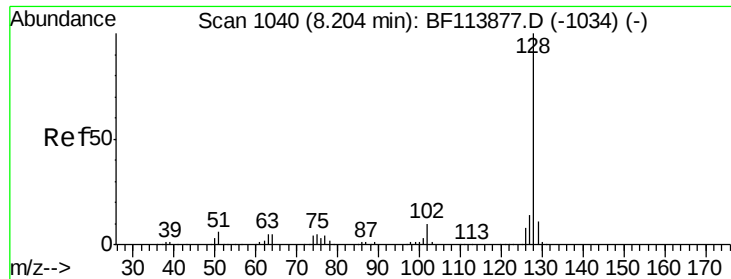
Tot Ion: 93 Resp: 1103
Ion Ratio Lower Upper
93 100
95 242.6 25.8 38.6#
123 84.8 9.0 13.6#



#29
2,4-Dichlorophenol
Concen: 0.113 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.05 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion: 162 Resp: 557
Ion Ratio Lower Upper
162 100
164 0.0 43.7 83.7#
98 42.2 15.5 55.5

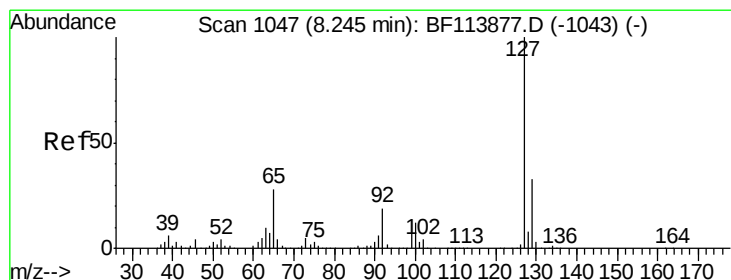
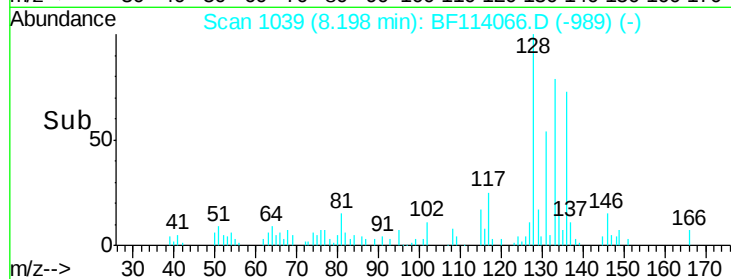
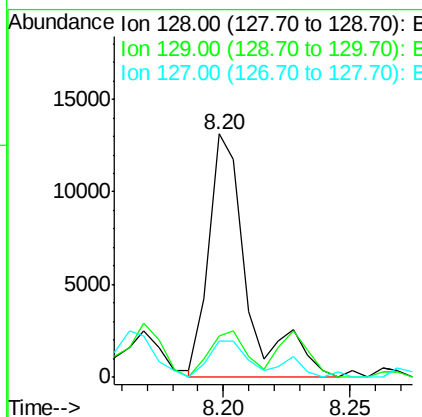
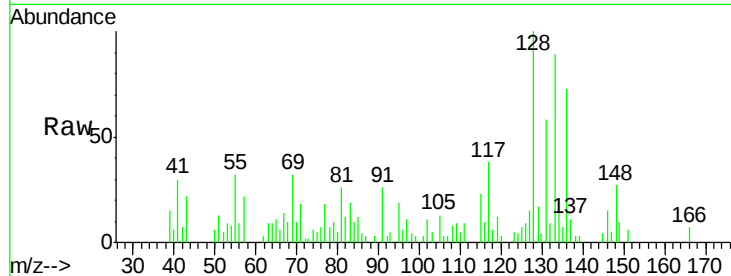




#31
Naphthalene
Concen: 0.911 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

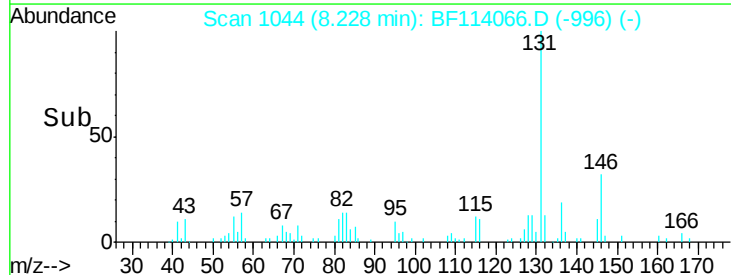
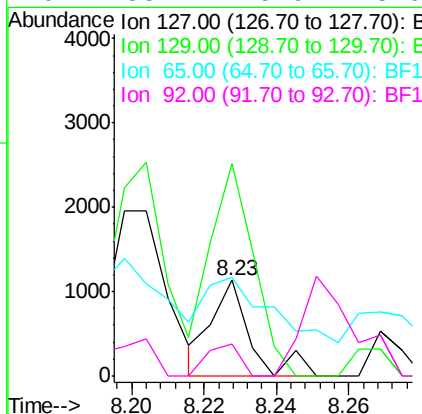
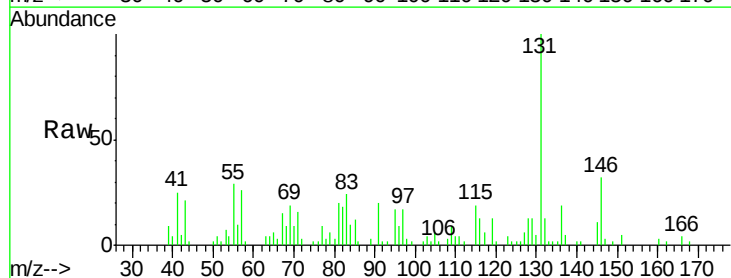
Instrument :
BNA_F
ClientSampleId :

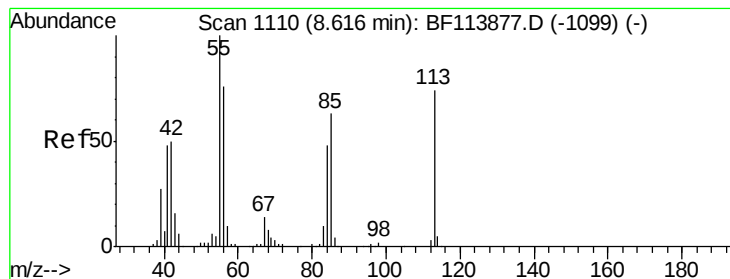
Tot Ion:128 Resp: 14027
Ion Ratio Lower Upper
128 100
129 17.0 9.4 14.0#
127 14.9 10.8 16.2



#33
4-Chloroaniline
Concen: 0.129 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion:127 Resp: 837
Ion Ratio Lower Upper
127 100
129 222.2 26.4 39.6#
65 102.6 24.9 37.3#
92 33.7 15.9 23.9#





#35

Caprolactam

Concen: 3.356 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

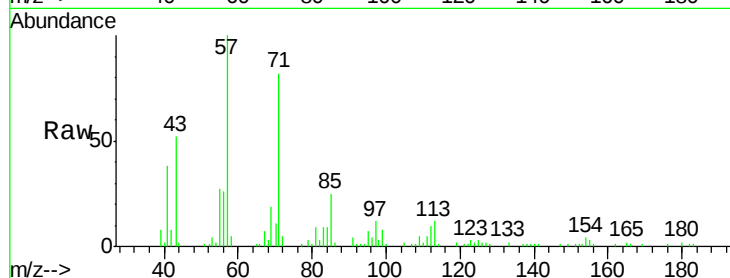
Tot Ion:113 Resp: 5261

Ion Ratio Lower Upper

113 100

55 234.0 128.6 168.6#

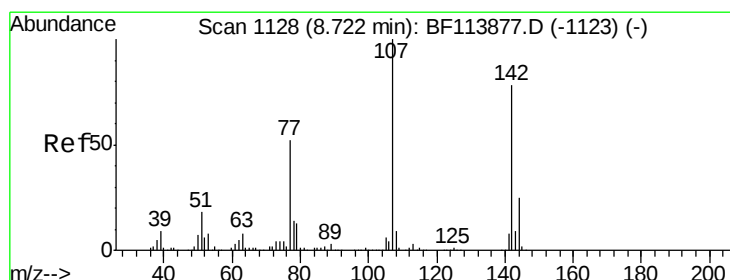
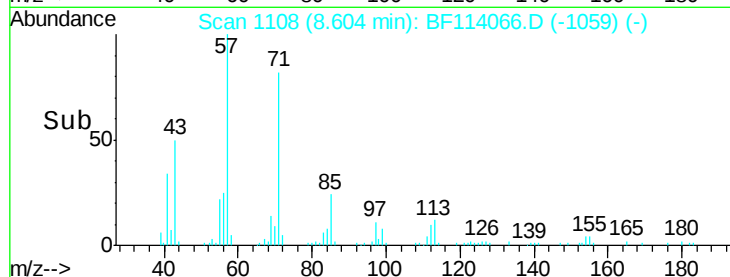
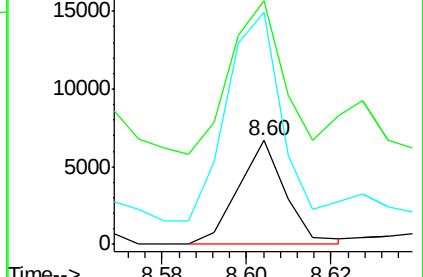
56 222.6 91.9 131.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 0.085 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

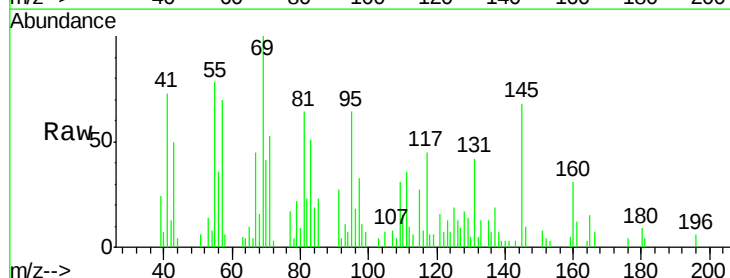
Tgt Ion:107 Resp: 413

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

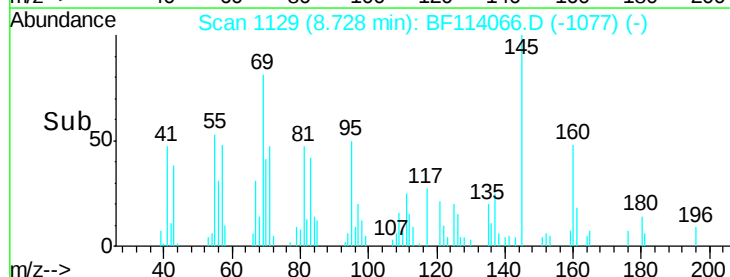
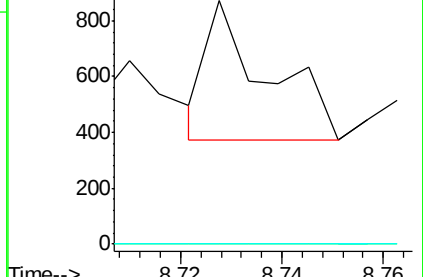
142 0.0 64.2 96.4#

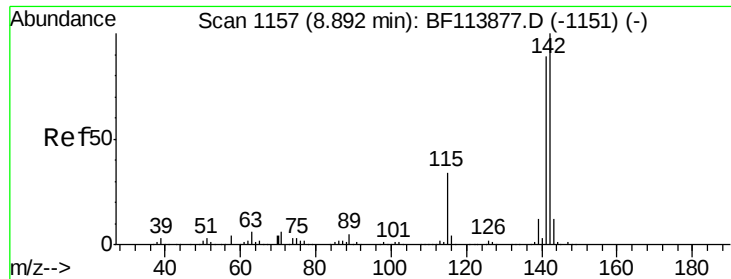


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

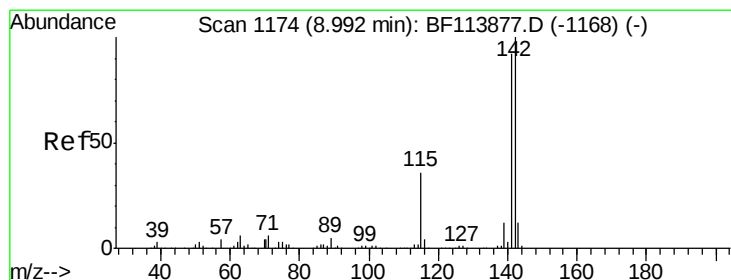
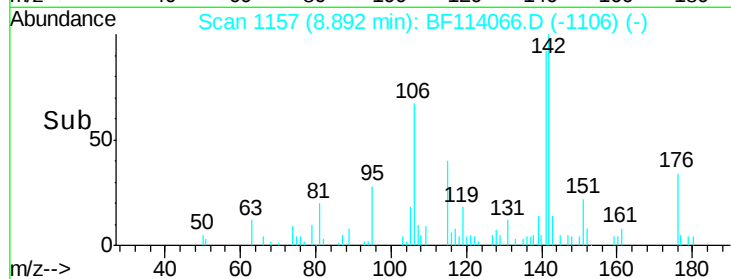
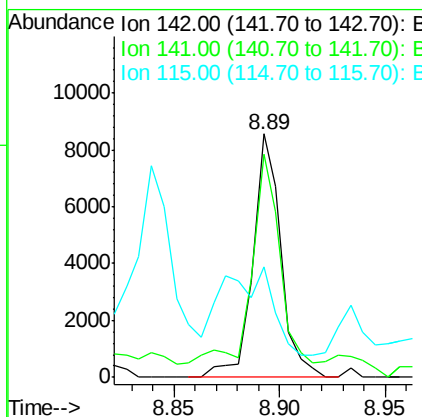
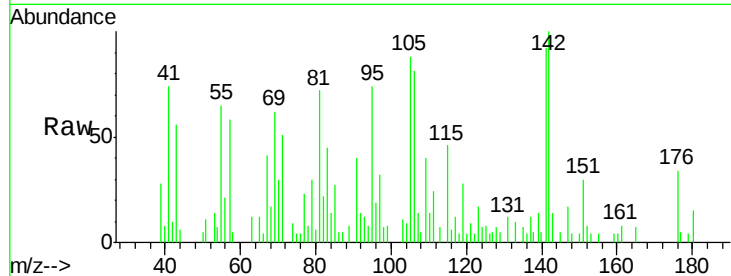




#37
 2-Methylnaphthalene
 Concen: 0.761 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF114066.D
 Acq: 1 May 2019 13:55

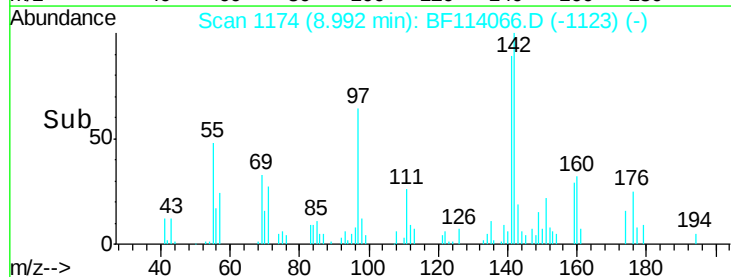
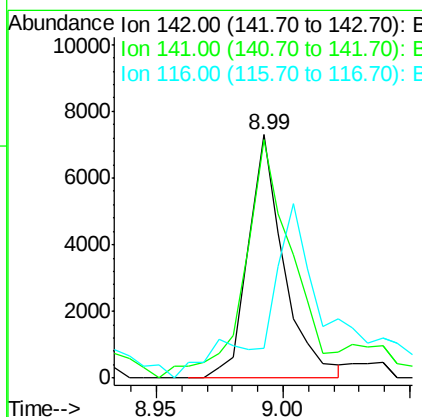
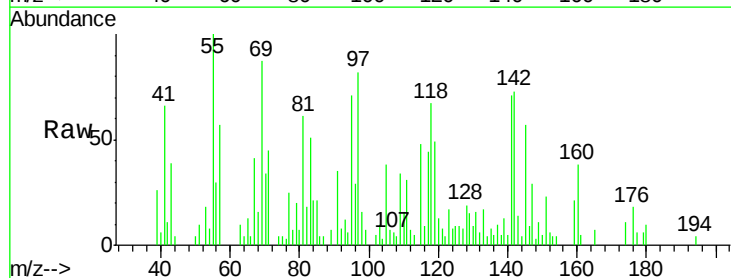
Instrument :
 BNA_F
 ClientSampled :

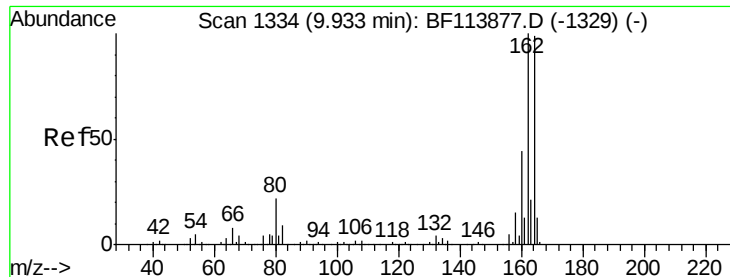
Tot Ion:142 Resp: 7896
 Ion Ratio Lower Upper
 142 100
 141 91.8 70.4 105.6
 115 45.6 26.3 39.5#



#38
 1-Methylnaphthalene
 Concen: 0.713 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF114066.D
 Acq: 1 May 2019 13:55

Tgt Ion:142 Resp: 7146
 Ion Ratio Lower Upper
 142 100
 141 97.7 72.3 108.5
 116 12.2 3.0 4.4#

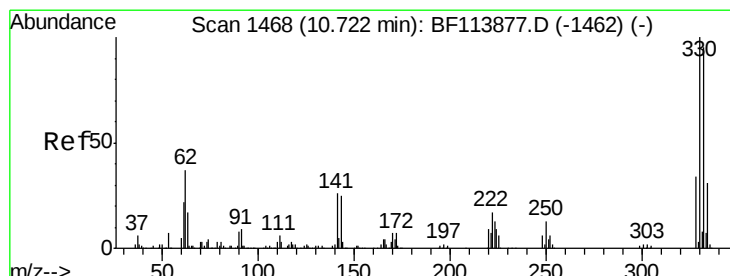
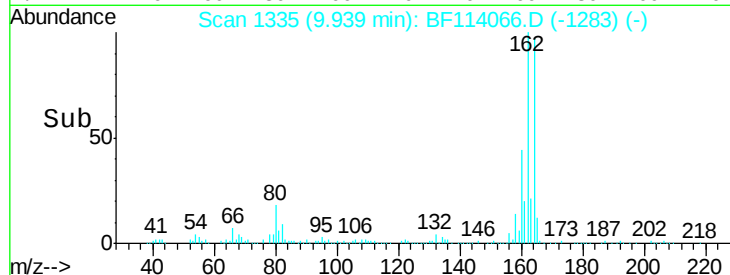
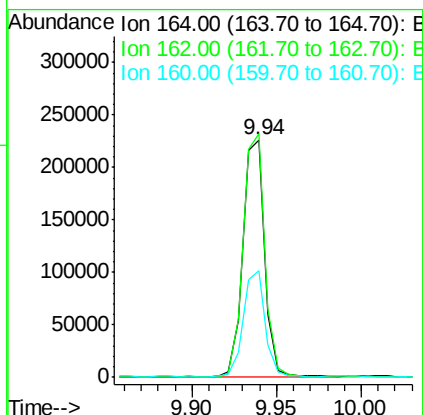
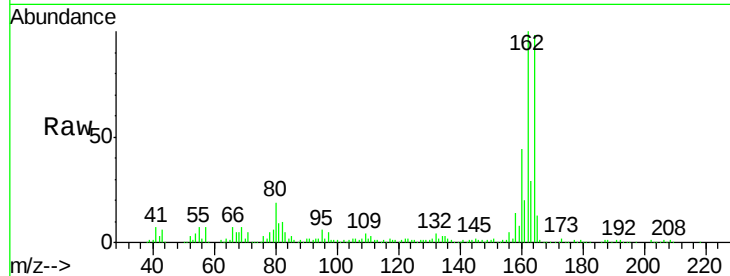




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

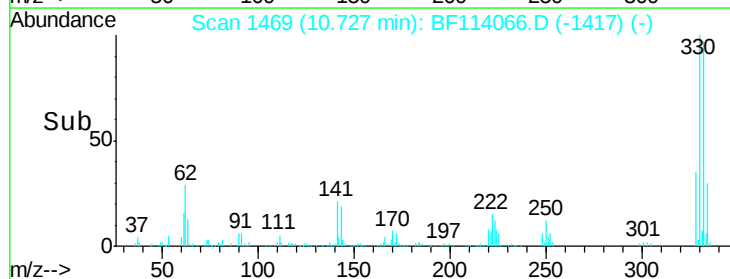
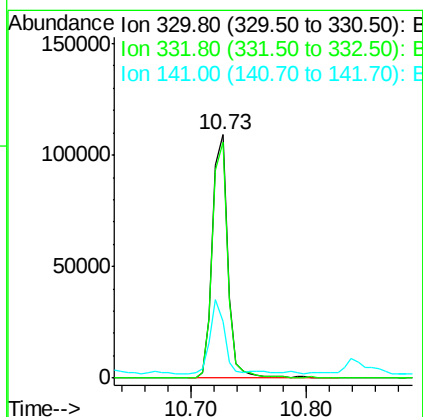
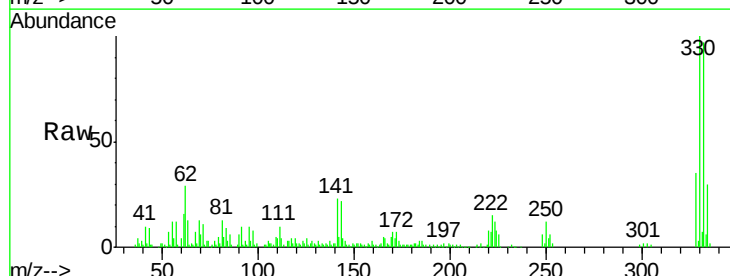
Instrument :
BNA_F
ClientSampleId :

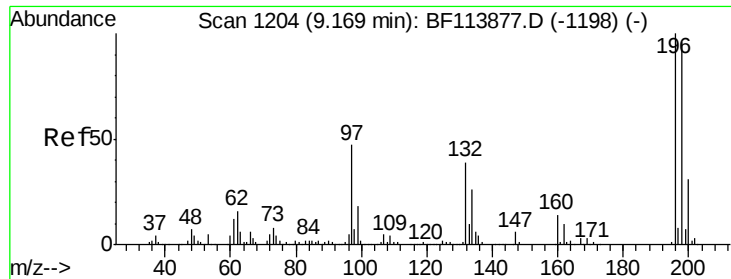
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.1	121.7
160	44.7	35.8	53.6



#42
2,4,6-Tribromophenol
Concen: 41.256 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.5	116.3
141	28.1	22.2	33.2

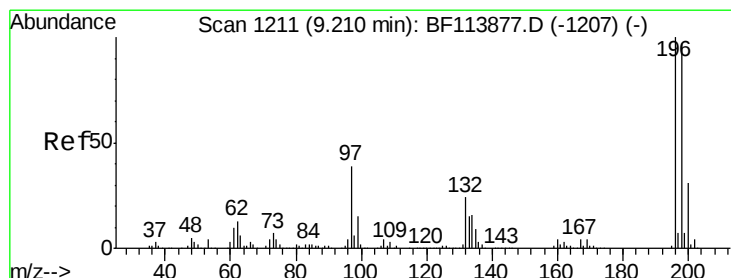
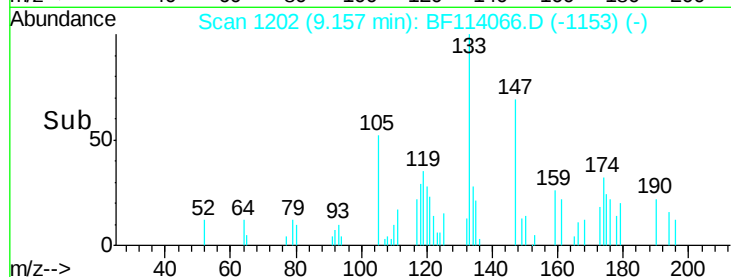
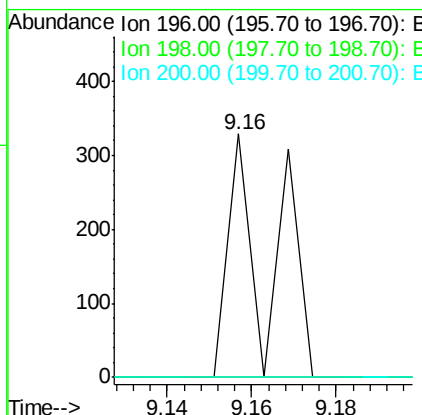
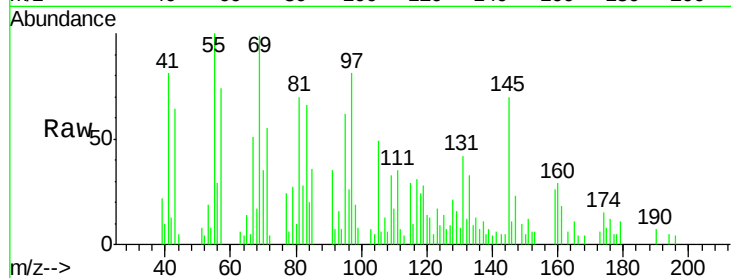




#43
 2,4,6-Trichlorophenol
 Concen: 0.054 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF114066.D
 Acq: 1 May 2019 13:55

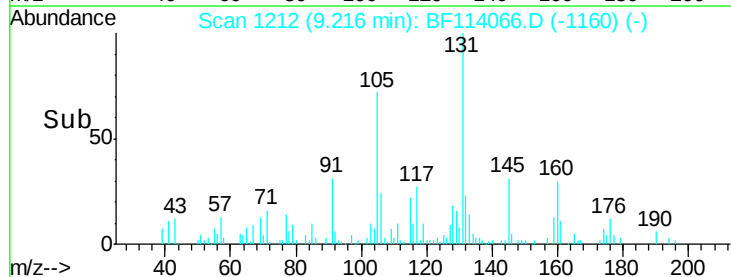
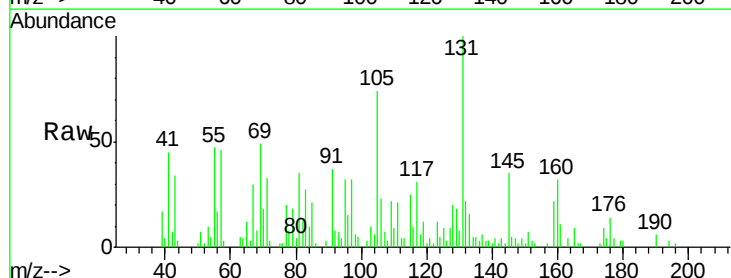
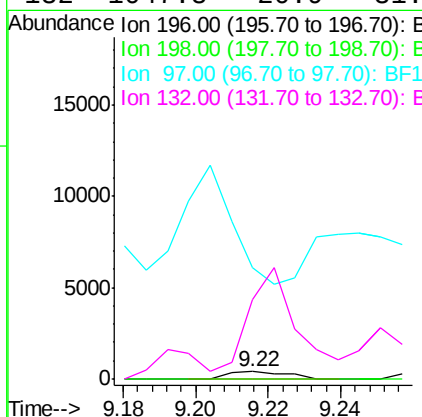
Instrument :
 BNA_F
 ClientSampled :

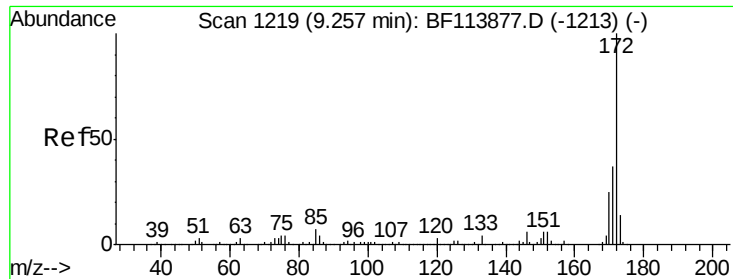
Tot Ion:196 Resp: 225
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.6 113.4#
 200 0.0 24.7 37.1#



#44
 2,4,5-Trichlorophenol
 Concen: 0.102 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF114066.D
 Acq: 1 May 2019 13:55

Tgt Ion:196 Resp: 475
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.2 114.4#
 97 1485.2 35.8 53.8#
 132 1047.8 20.9 31.3#

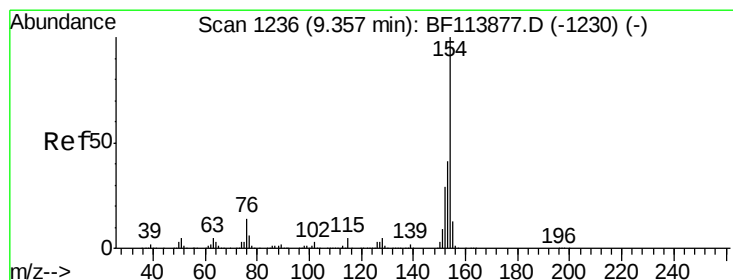
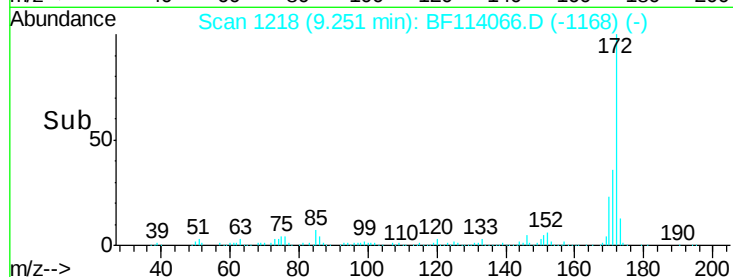
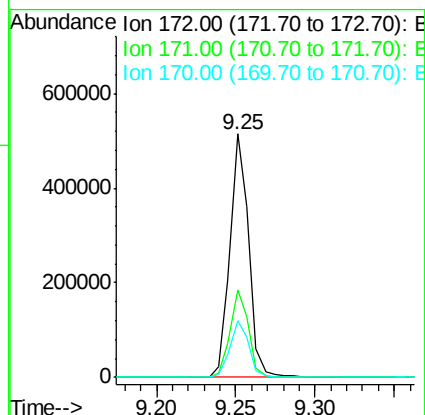
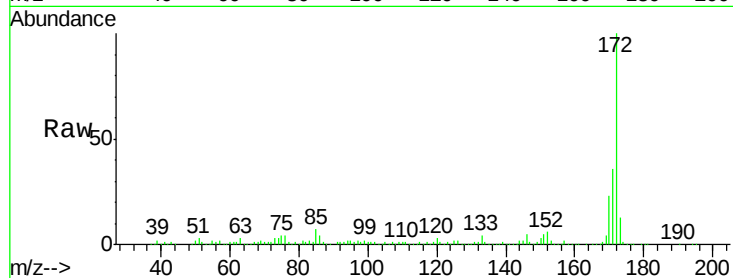




#45
 2-Fluorobiphenyl
 Concen: 32.583 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF114066.D
 Acq: 1 May 2019 13:55

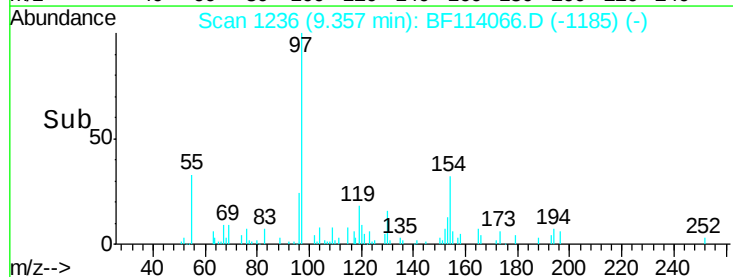
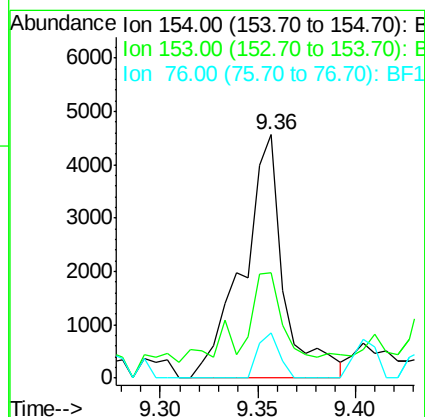
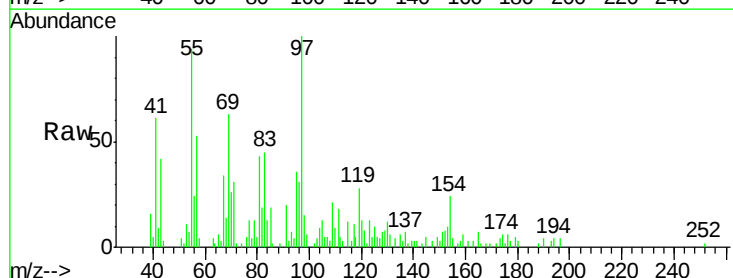
Instrument :
 BNA_F
 ClientSampleId :

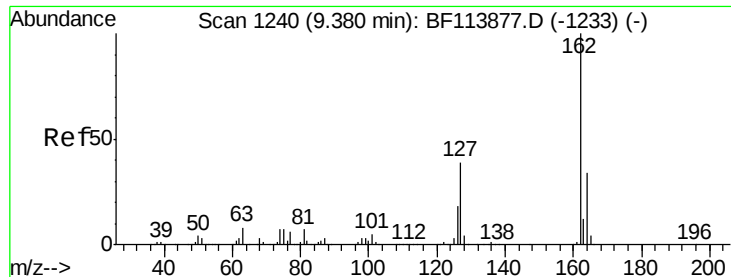
Tot Ion:172 Resp: 421375
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.4 19.9 29.9



#46
 1,1'-Biphenyl
 Concen: 0.429 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF114066.D
 Acq: 1 May 2019 13:55

Tgt Ion:154 Resp: 6626
 Ion Ratio Lower Upper
 154 100
 153 43.3 20.8 60.8
 76 18.7 0.0 35.2

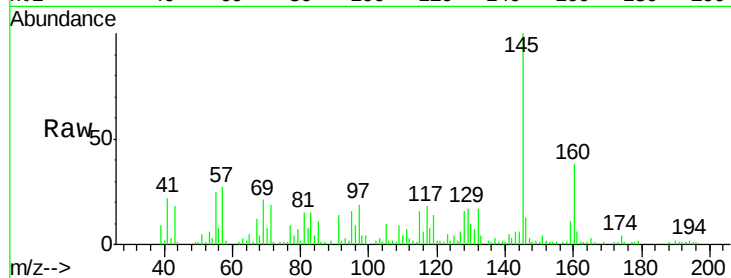




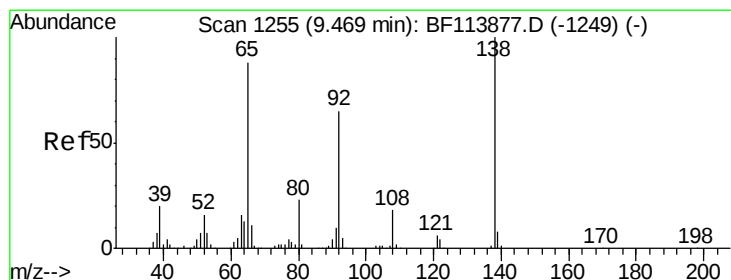
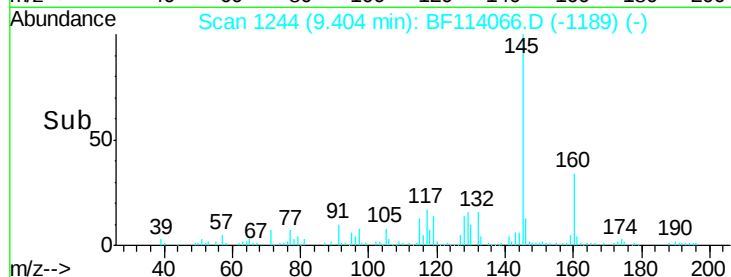
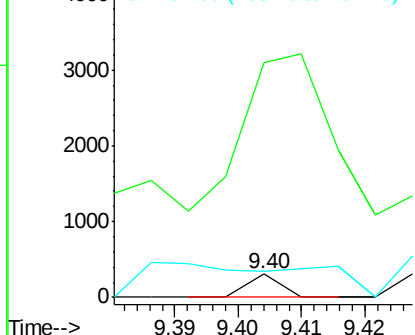
#47
2-Chloronaphthalene
Concen: 0.009 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.02 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 110
Ion Ratio Lower Upper
162 100
127 992.0 29.3 43.9#
164 112.5 27.1 40.7#

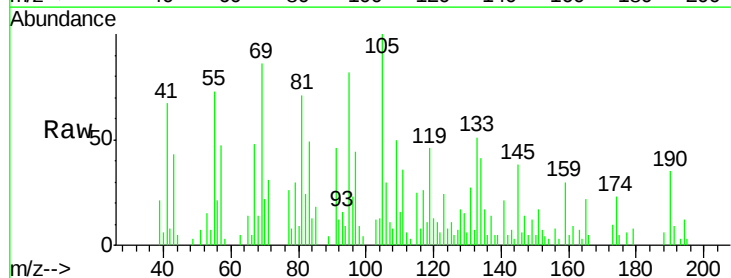


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

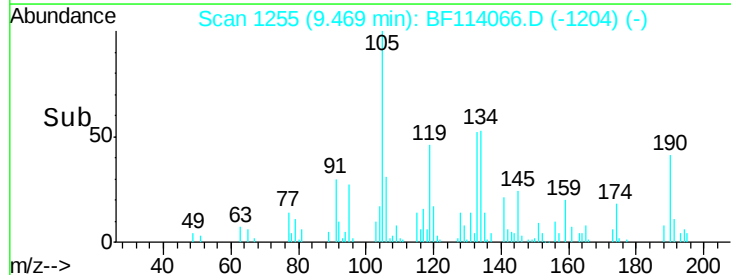
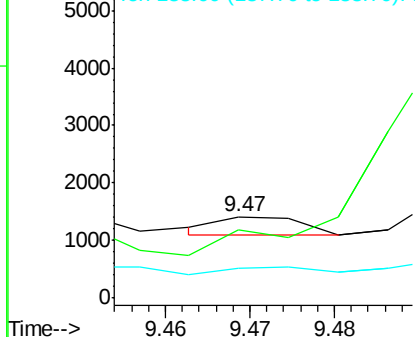


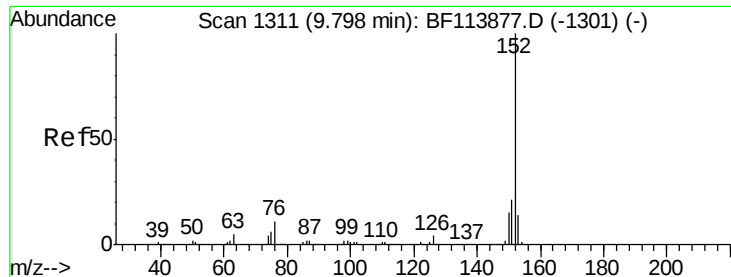
#48
2-Nitroaniline
Concen: 0.063 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion: 65 Resp: 207
Ion Ratio Lower Upper
65 100
92 84.2 57.4 86.0
138 36.0 85.4 128.0#



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: 0.291 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

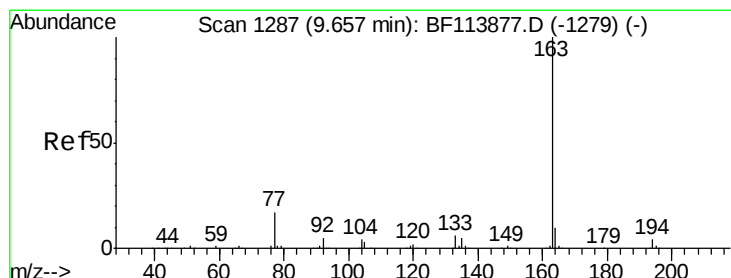
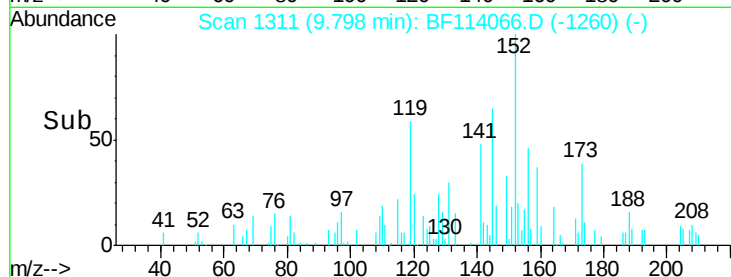
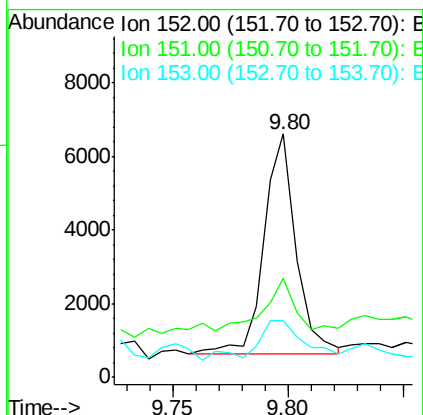
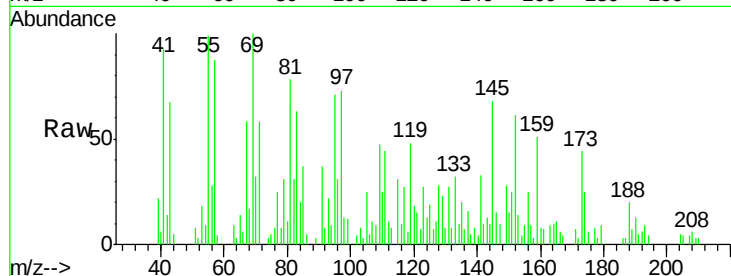
Tot Ion:152 Resp: 5734

Ion Ratio Lower Upper

152 100

151 40.6 17.0 25.4#

153 23.1 11.0 16.6#



#50

Dimethylphthalate

Concen: 4.103 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

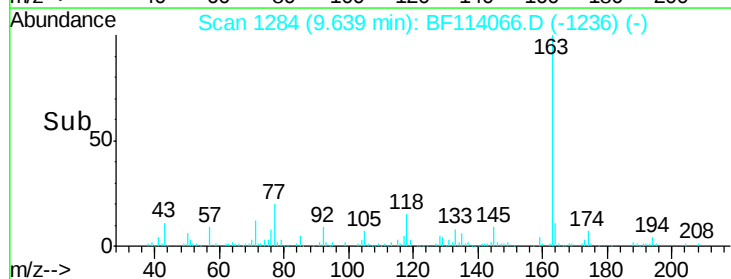
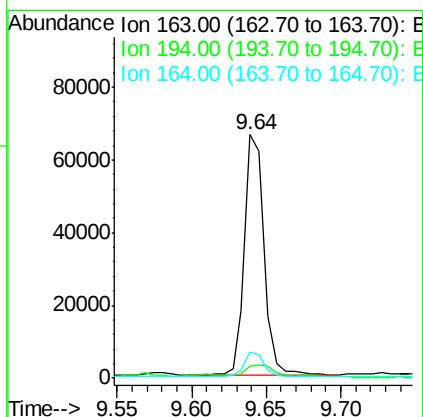
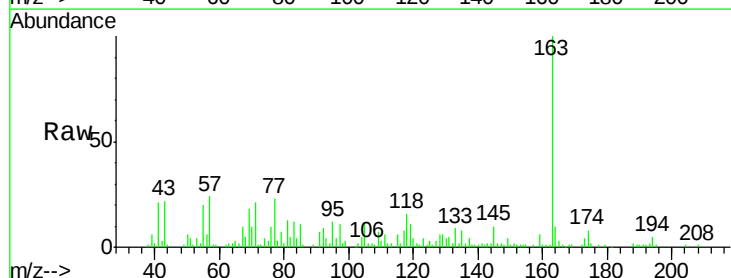
Tgt Ion:163 Resp: 60026

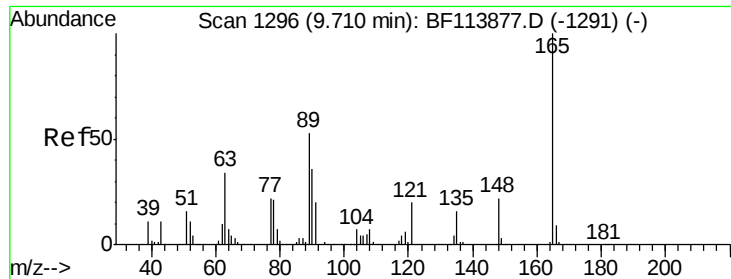
Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

164 10.5 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 0.340 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampled :

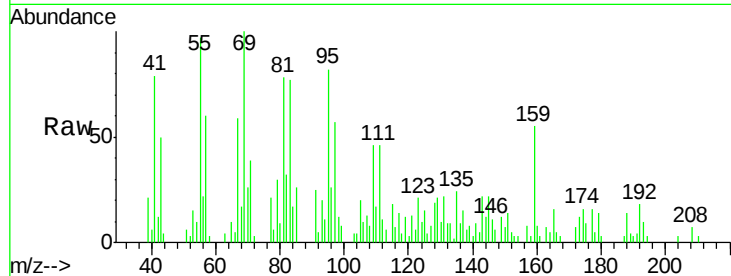
Tot Ion:165 Resp: 1067

Ion Ratio Lower Upper

165 100

63 22.9 33.8 50.8#

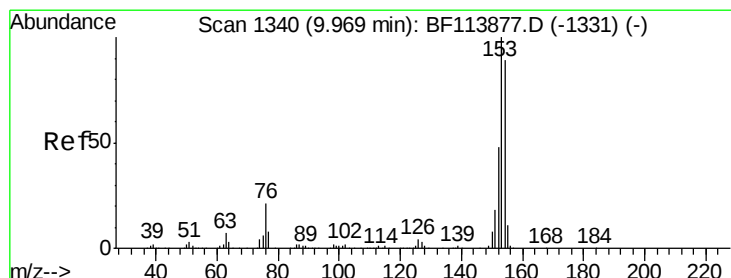
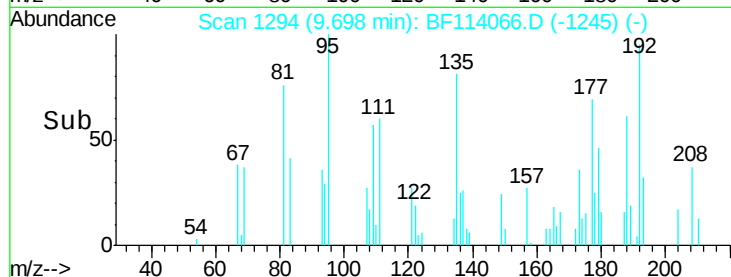
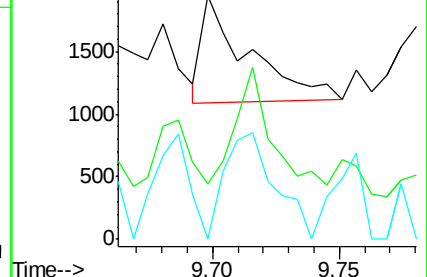
89 0.0 38.2 57.2#



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: 0.439 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

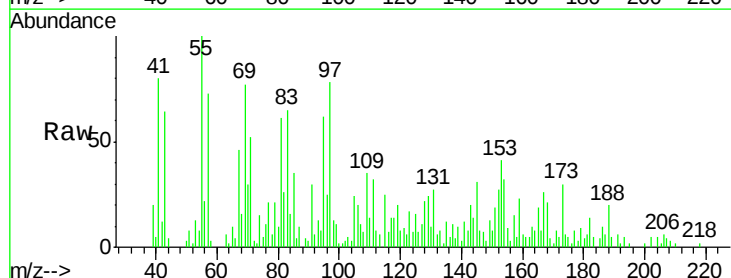
Tgt Ion:154 Resp: 5099

Ion Ratio Lower Upper

154 100

153 126.4 87.2 130.8

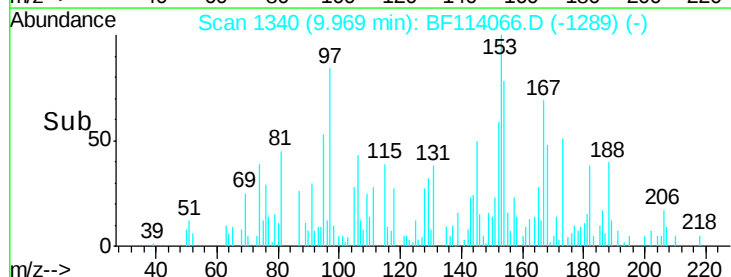
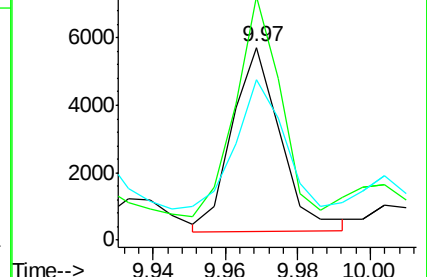
152 83.3 42.3 63.5#

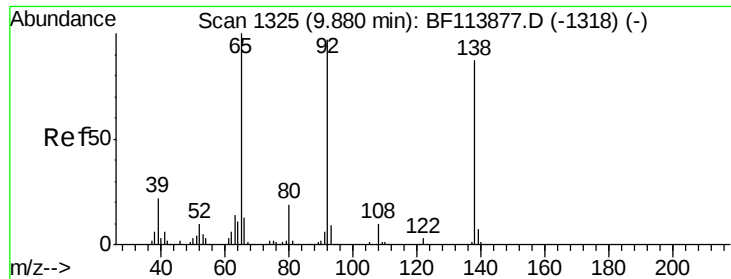


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

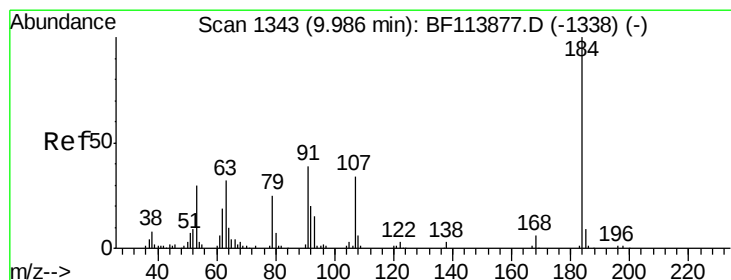
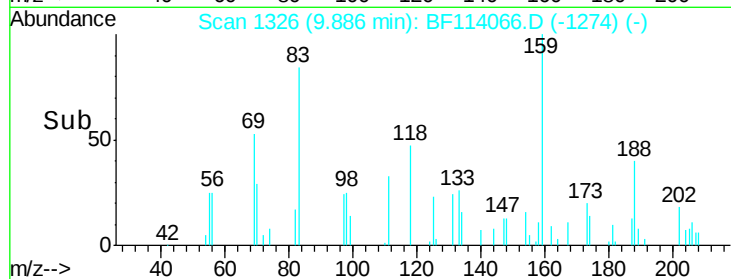
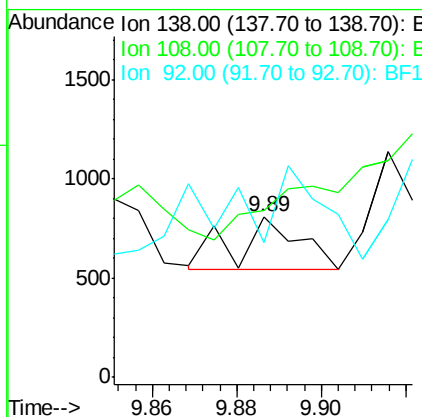
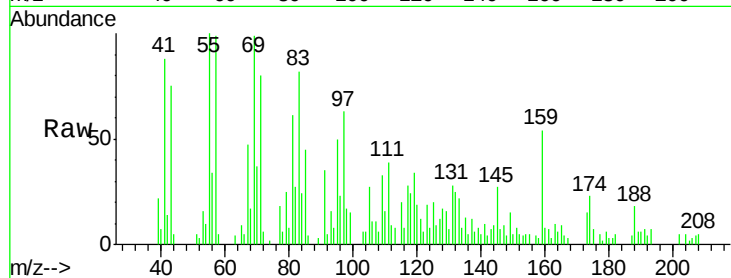




#53
3-Nitroaniline
Concen: 0.084 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

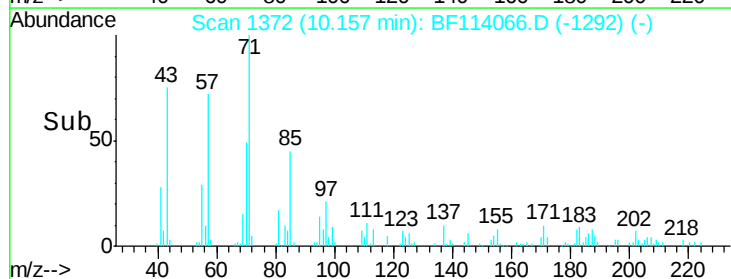
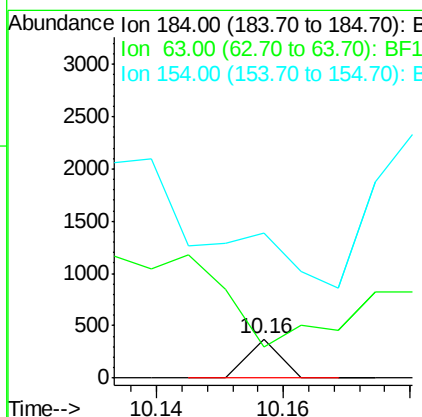
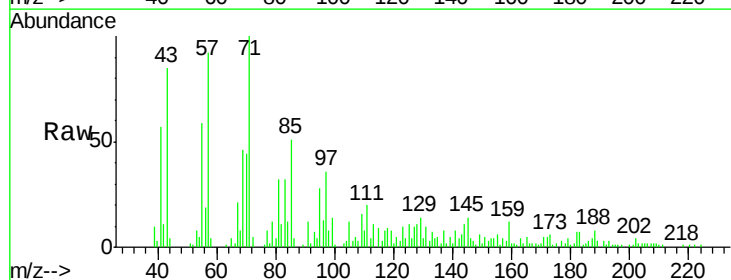
Instrument :
BNA_F
ClientSampled :

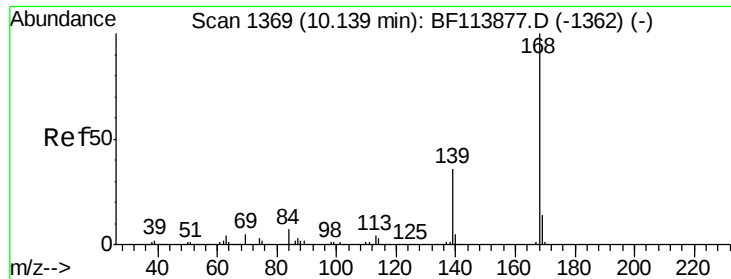
Tot Ion:138 Resp: 277
Ion Ratio Lower Upper
138 100
108 103.3 9.4 14.2#
92 83.9 94.1 141.1#



#54
2,4-Dinitrophenol
Concen: 8.407 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.17 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion:184 Resp: 133
Ion Ratio Lower Upper
184 100
63 80.3 54.6 81.8
154 368.6 218.6 328.0#





#55

Dibenzofuran

Concen: 0.371 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampled :

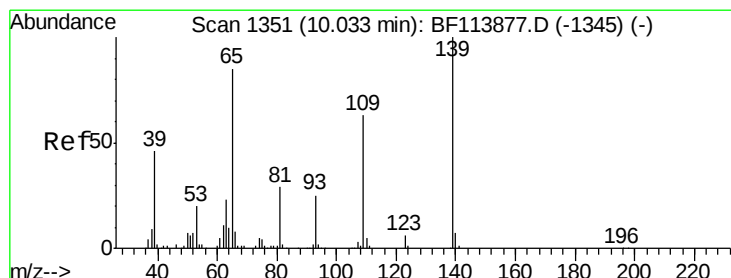
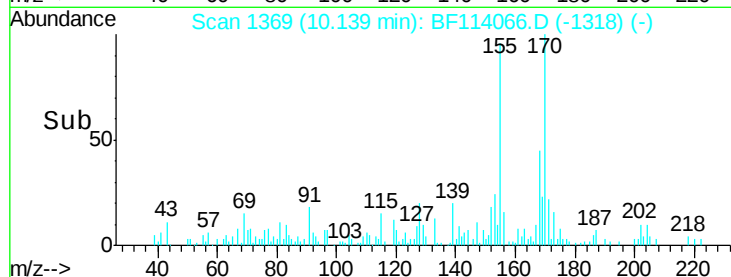
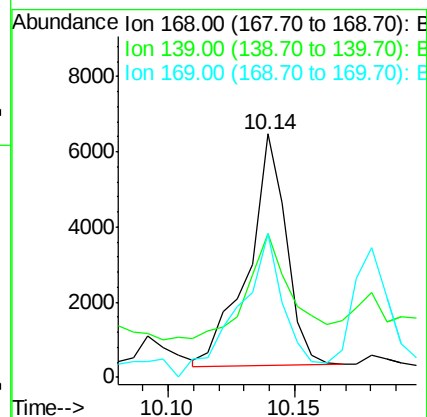
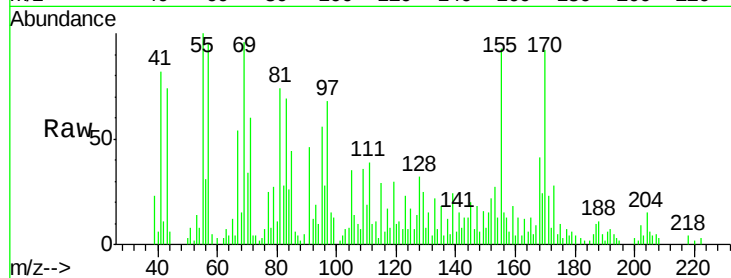
Tot Ion:168 Resp: 6460

Ion Ratio Lower Upper

168 100

139 59.0 27.8 41.6#

169 58.9 11.0 16.6#



#56

4-Nitrophenol

Concen: 0.638 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

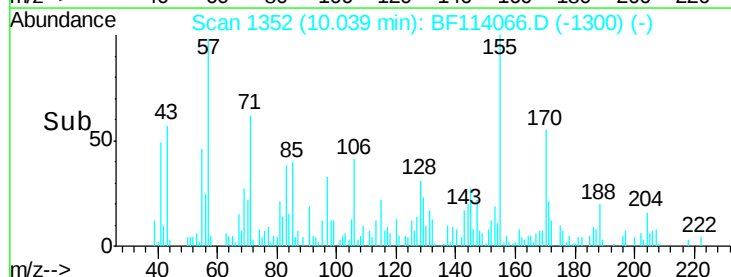
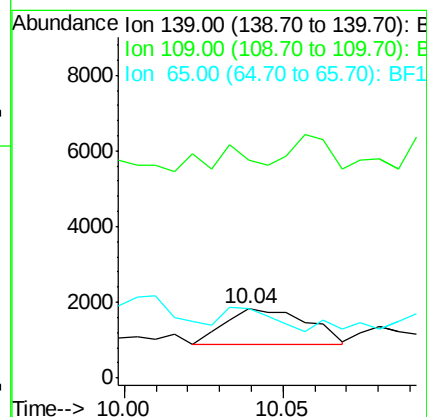
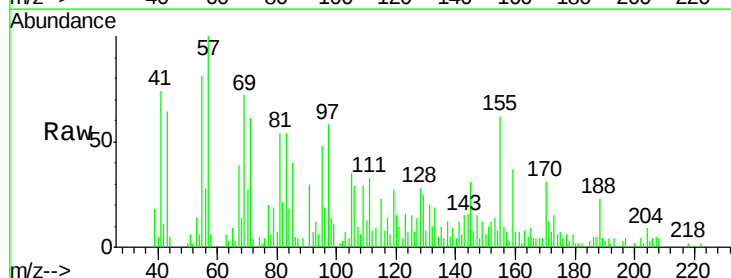
Tgt Ion:139 Resp: 1666

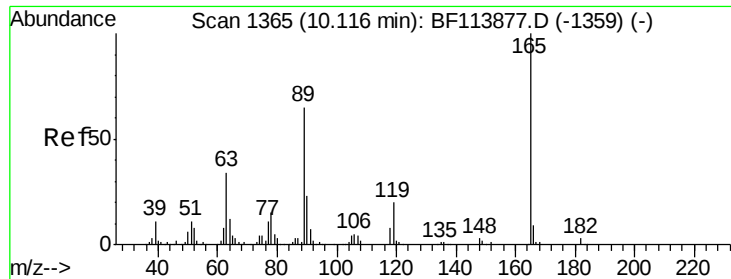
Ion Ratio Lower Upper

139 100

109 314.7 42.9 82.9#

65 100.7 64.4 104.4





#57

2,4-Dinitrotoluene

Concen: 0.315 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.05 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 1249

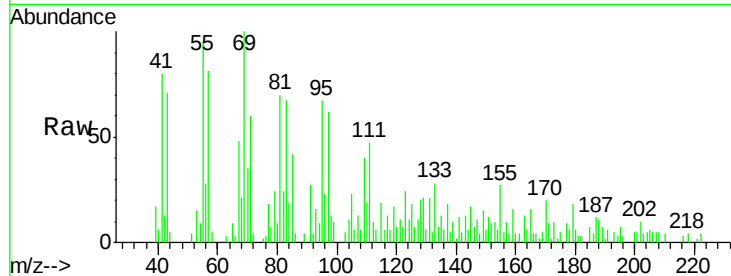
Ion Ratio Lower Upper

165 100

63 18.5 27.4 41.0#

89 24.1 51.8 77.6#

182 17.0 2.2 3.2#

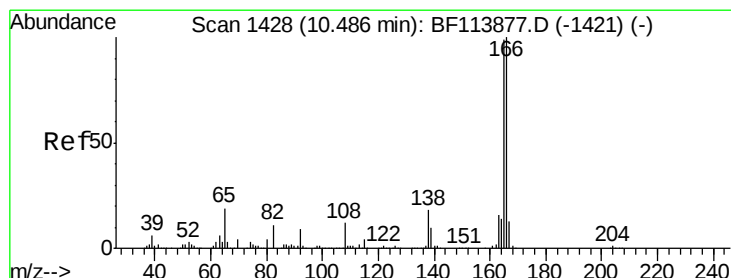
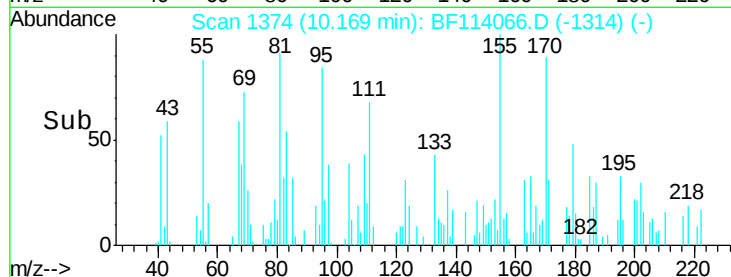
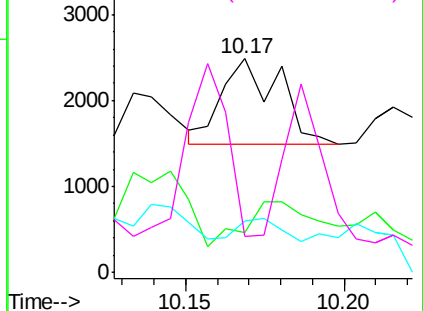


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 0.693 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

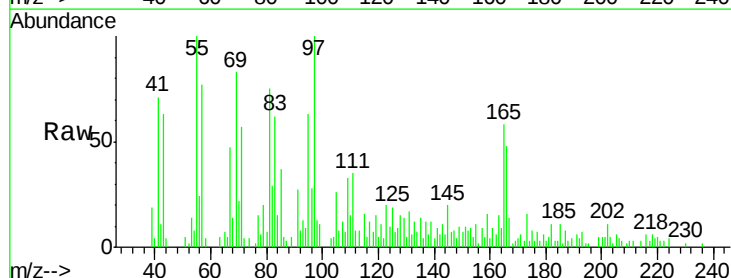
Tgt Ion:166 Resp: 9091

Ion Ratio Lower Upper

166 100

165 119.1 78.4 117.6#

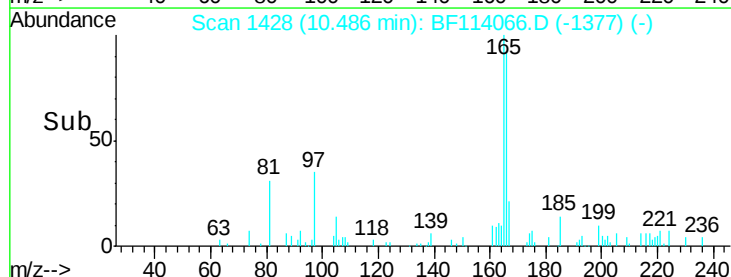
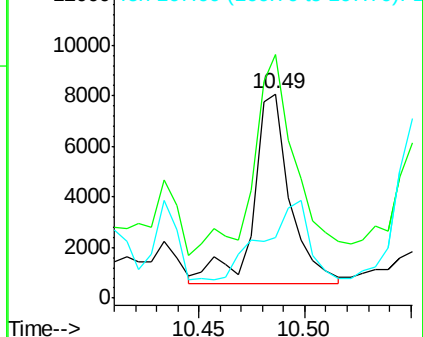
167 29.5 10.9 16.3#

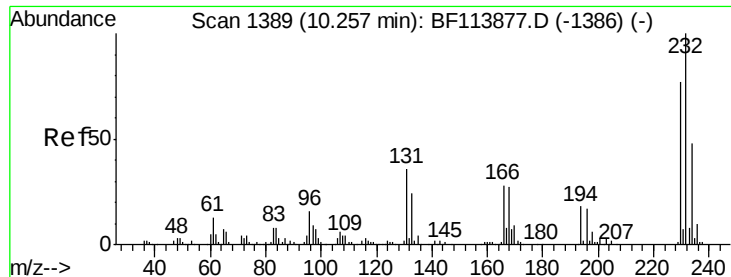


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

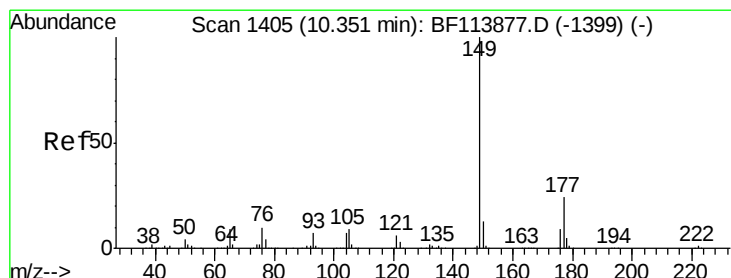
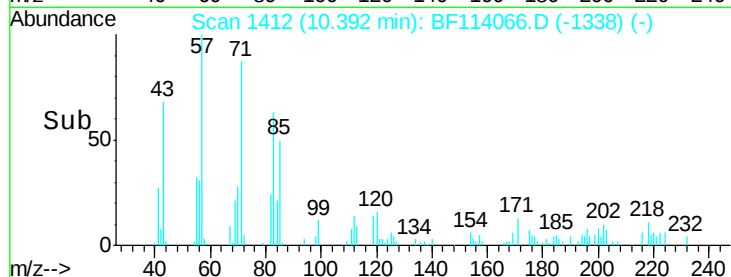
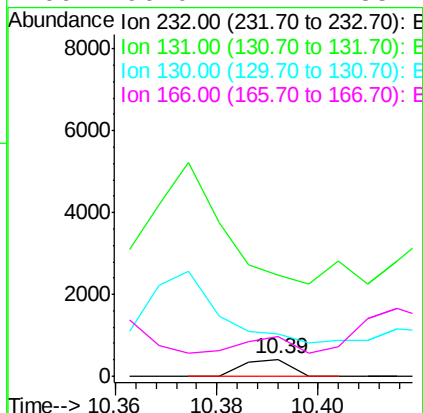
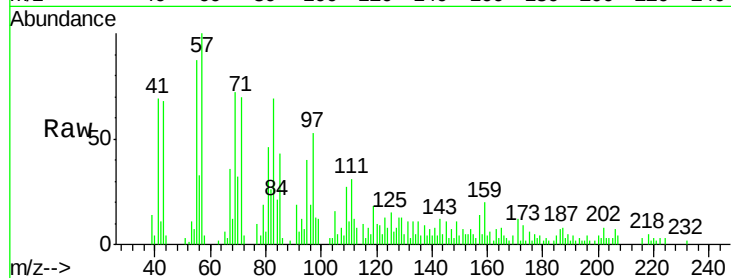




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.066 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.14 min
 Lab File: BF114066.D
 Acq: 1 May 2019 13:55

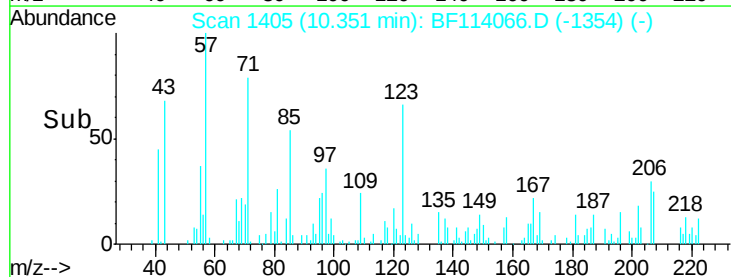
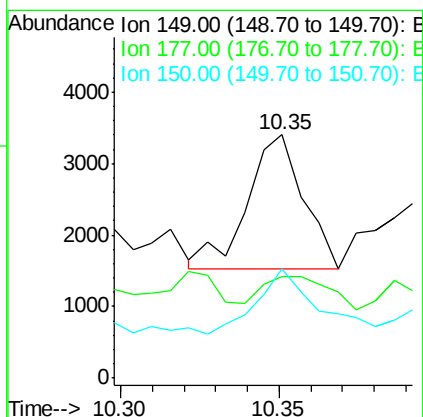
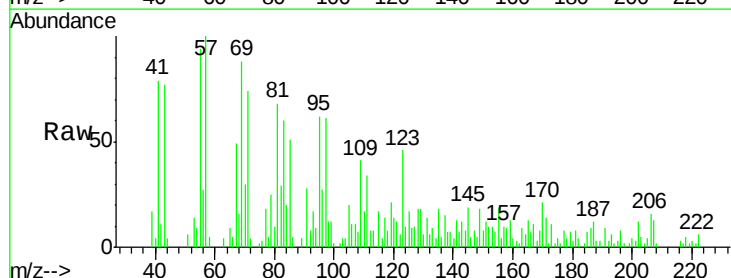
Instrument :
 BNA_F
 ClientSampled :

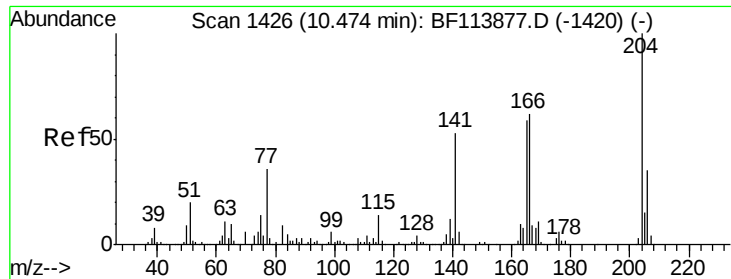
Tot Ion:232 Resp: 272
 Ion Ratio Lower Upper
 232 100
 131 0.0 30.2 45.2#
 130 0.0 1.5 2.3#
 166 96.0 22.2 33.4#



#60
 Diethylphthalate
 Concen: 0.167 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF114066.D
 Acq: 1 May 2019 13:55

Tgt Ion:149 Resp: 2325
 Ion Ratio Lower Upper
 149 100
 177 41.5 19.2 28.8#
 150 45.0 10.3 15.5#

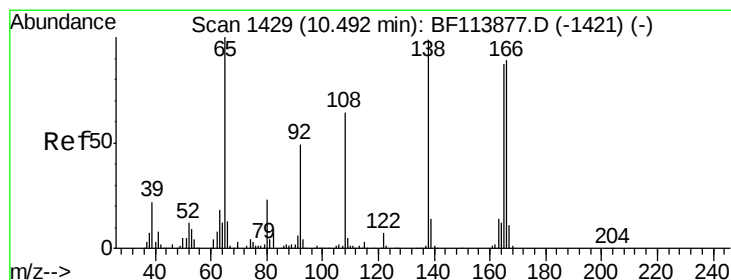
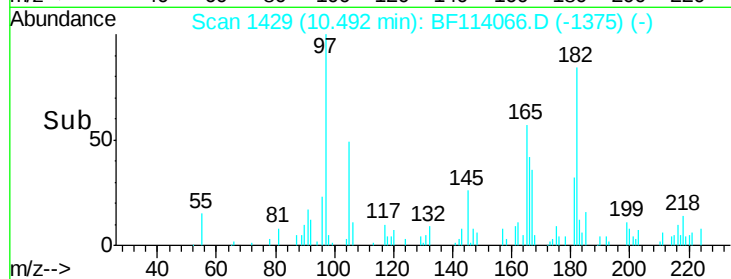
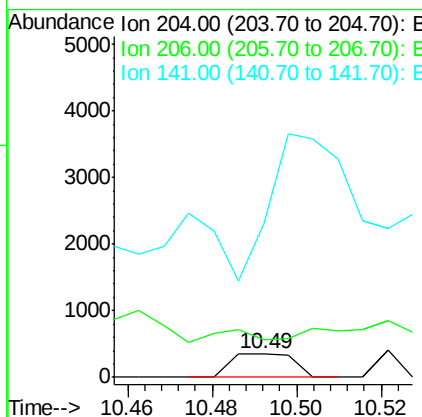
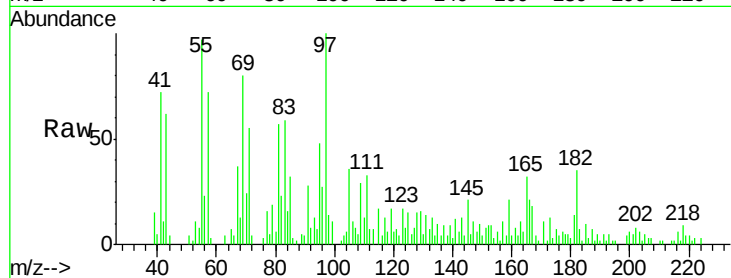




#61
 4-Chlorophenyl-phenylether
 Concen: 0.052 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.02 min
 Lab File: BF114066.D
 Acq: 1 May 2019 13:55

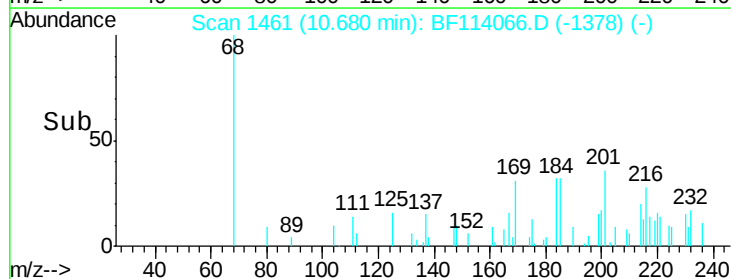
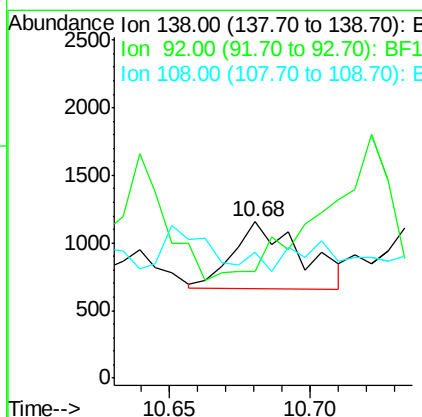
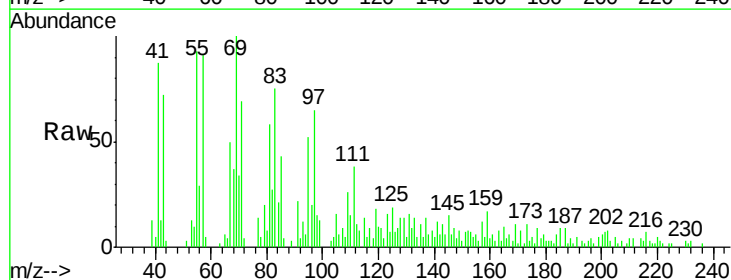
Instrument :
 BNA_F
 ClientSampled :

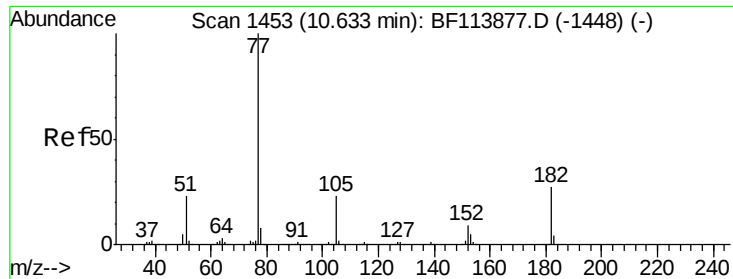
Tot Ion:204 Resp: 362
 Ion Ratio Lower Upper
 204 100
 206 162.2 27.4 41.2#
 141 656.3 42.6 63.8#



#62
 4-Nitroaniline
 Concen: 0.257 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.19 min
 Lab File: BF114066.D
 Acq: 1 May 2019 13:55

Tgt Ion:138 Resp: 828
 Ion Ratio Lower Upper
 138 100
 92 68.1 31.3 71.3
 108 80.4 48.9 88.9





#63

Azobenzene

Concen: 0.129 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

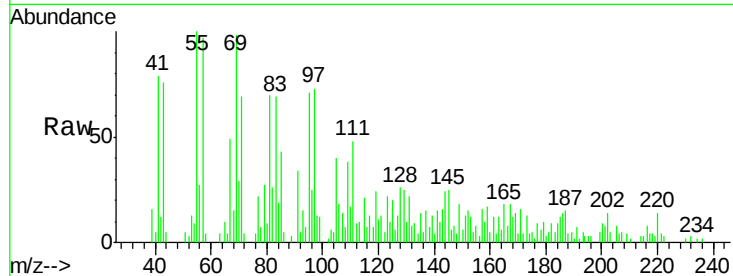
BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1732

Ion Ratio Lower Upper

77	100		
182	38.6	4.4	44.4
105	181.4	2.2	42.2
51	23.7	3.9	43.9

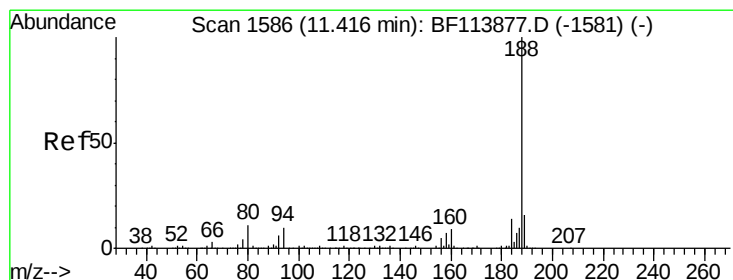
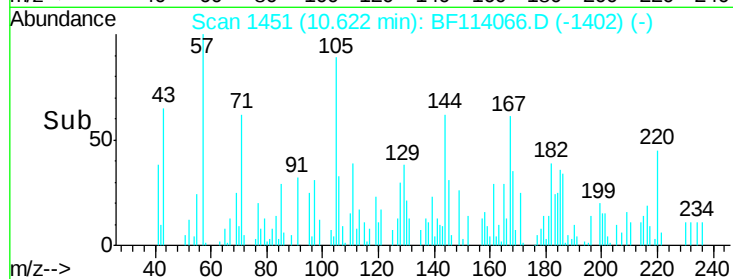
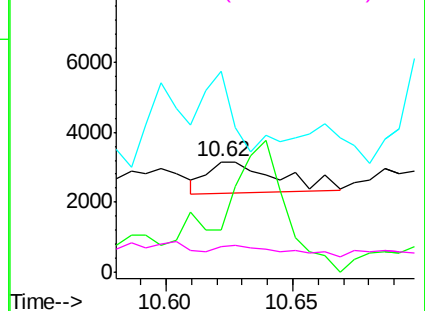


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

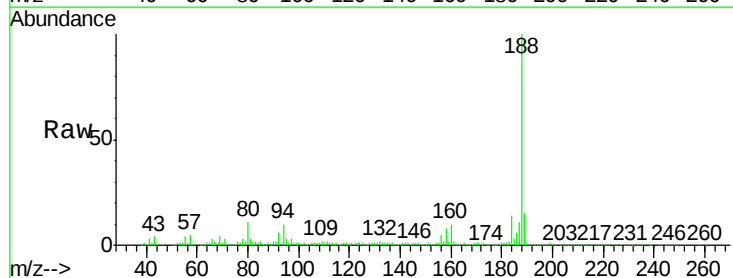
Lab File: BF114066.D

Acq: 1 May 2019 13:55

Tgt Ion: 188 Resp: 320007

Ion Ratio Lower Upper

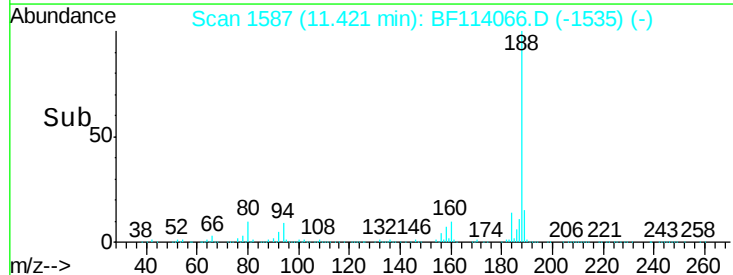
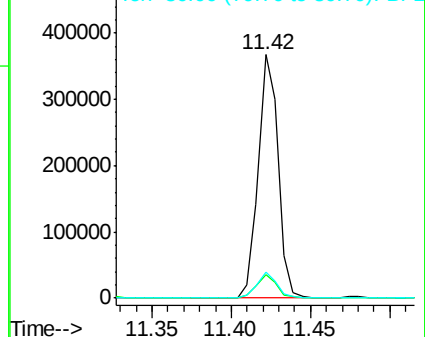
188	100		
94	9.6	8.2	12.4
80	10.8	9.0	13.6

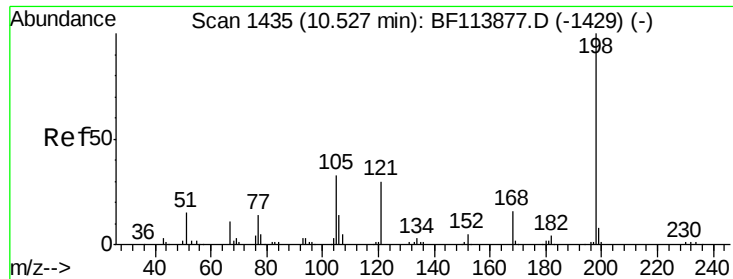


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

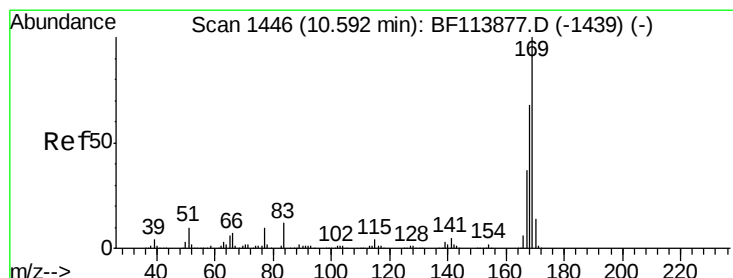
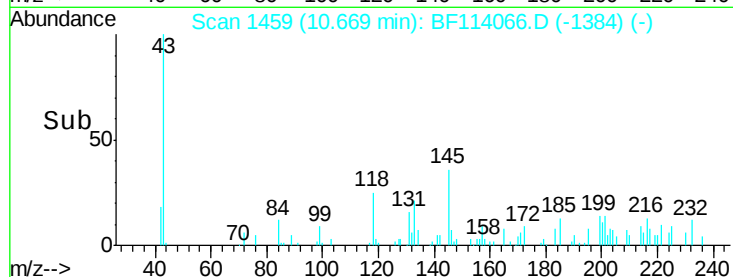
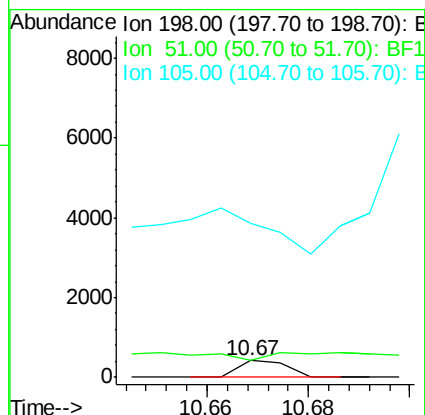
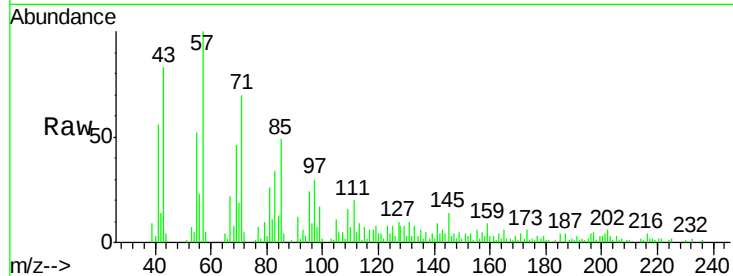




#65
4,6-Dinitro-2-methylphenol
Concen: 7.468 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.14 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

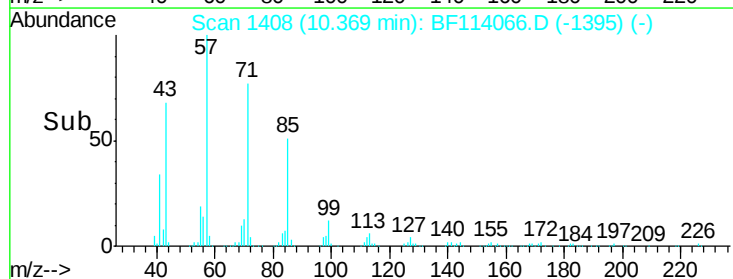
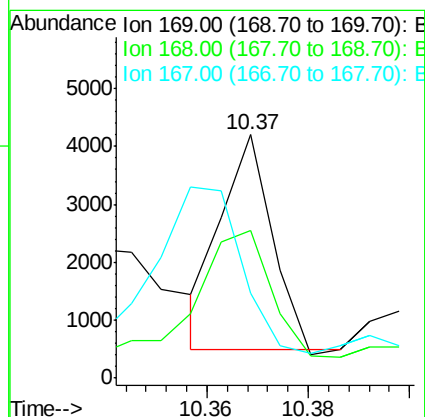
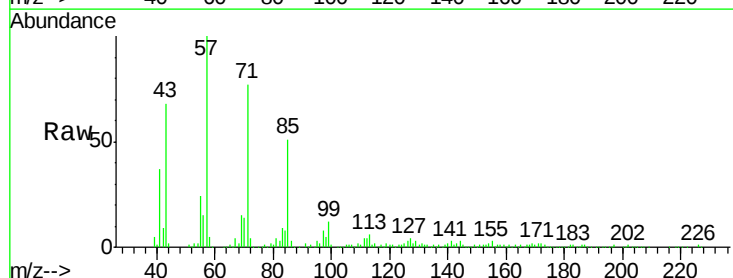
Instrument :
BNA_F
ClientSampleId :

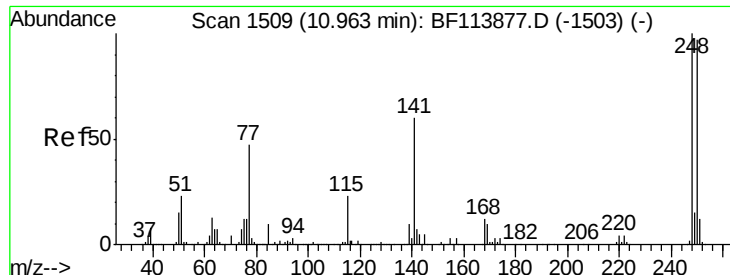
Tot Ion:198 Resp: 276
Ion Ratio Lower Upper
198 100
51 103.1 11.1 51.1#
105 907.1 20.7 60.7#



#66
n-Nitrosodiphenylamine
Concen: 0.268 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.22 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion:169 Resp: 2577
Ion Ratio Lower Upper
169 100
168 60.8 54.3 81.5
167 34.9 29.4 44.0

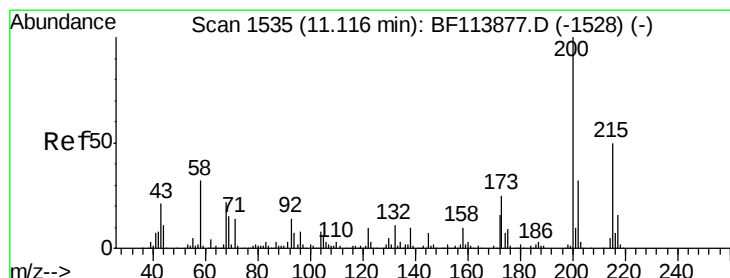
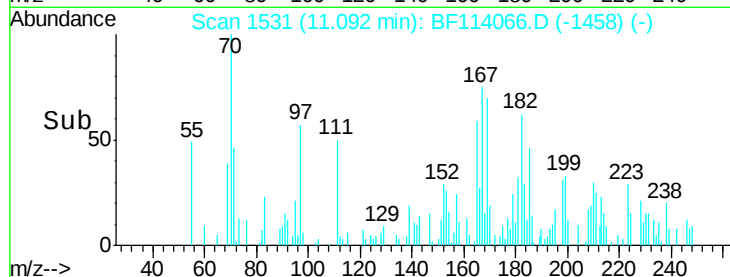
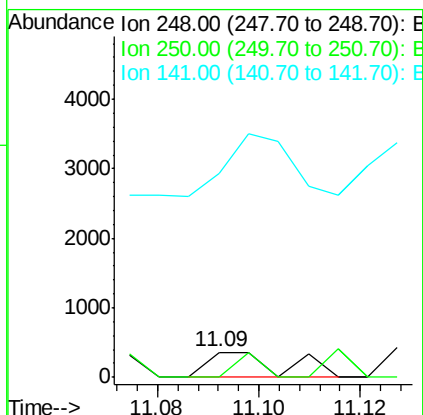
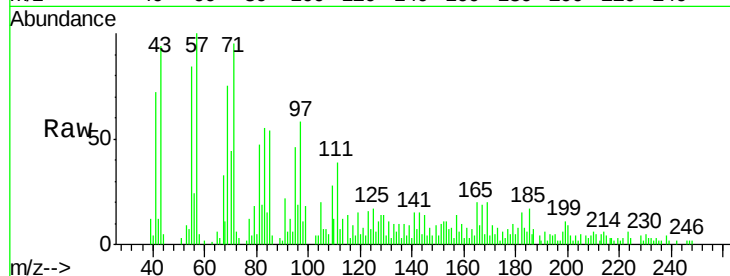




#67
4-Bromophenyl-phenylether
Concen: 0.097 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.13 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

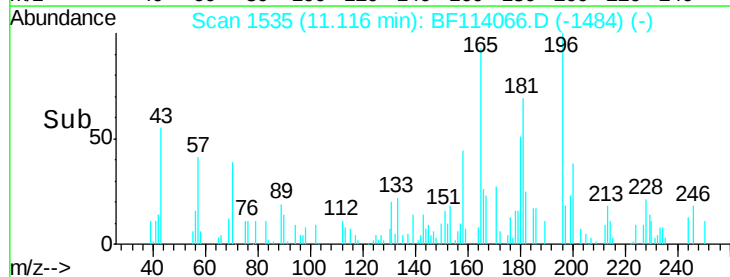
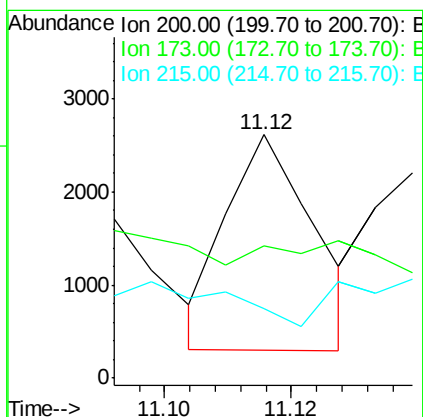
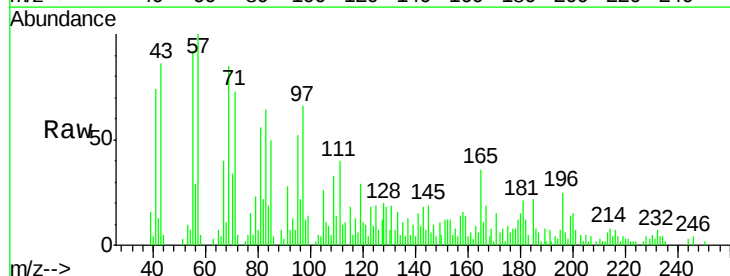
Instrument :
BNA_F
ClientSampleId :

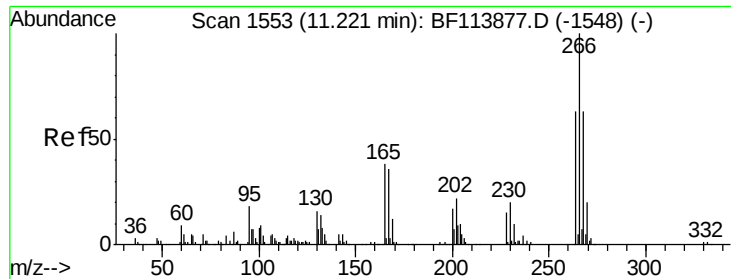
Tot Ion:248 Resp: 374
Ion Ratio Lower Upper
248 100
250 0.0 75.8 113.6#
141 804.4 50.2 75.4#



#69
Atrazine
Concen: 0.707 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion:200 Resp: 2209
Ion Ratio Lower Upper
200 100
173 54.1 5.9 45.9#
215 28.6 29.3 69.3#





#70

Pentachlorophenol

Concen: 0.101 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.16 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampled :

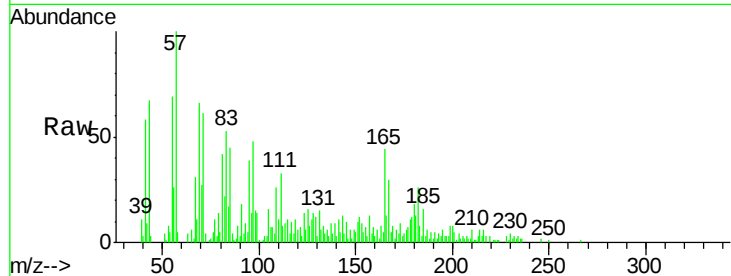
Tot Ion:266 Resp: 243

Ion Ratio Lower Upper

266 100

268 0.0 53.5 80.3#

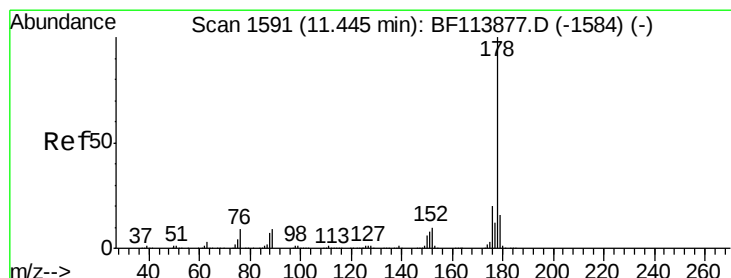
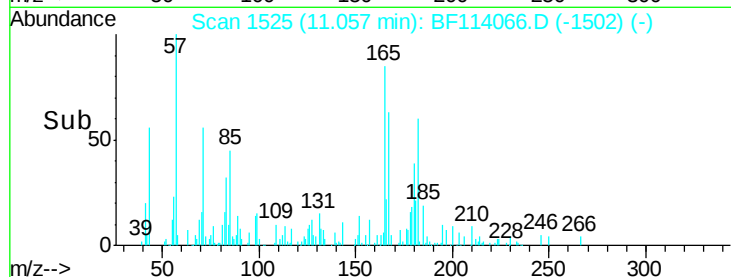
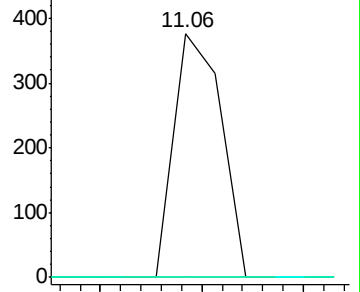
264 0.0 51.0 76.6#



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: 3.241 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

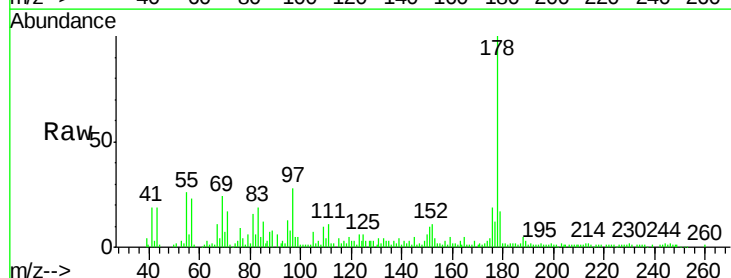
Tgt Ion:178 Resp: 52121

Ion Ratio Lower Upper

178 100

176 19.0 16.1 24.1

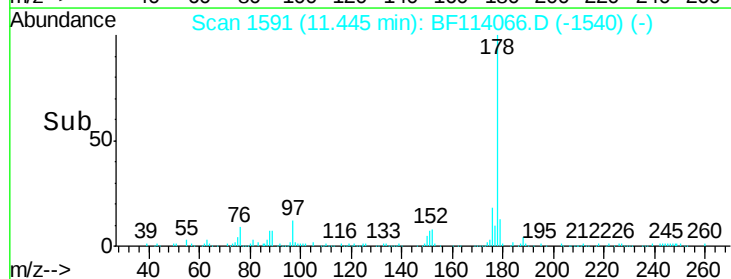
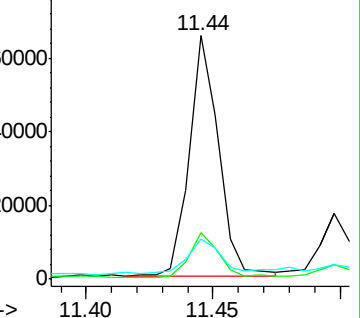
179 16.6 12.8 19.2

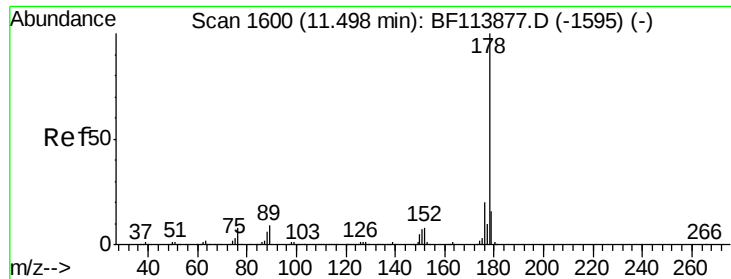


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 3.209 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.05 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

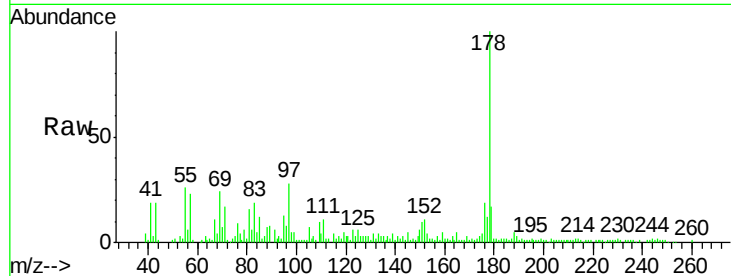
Tot Ion:178 Resp: 52121

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

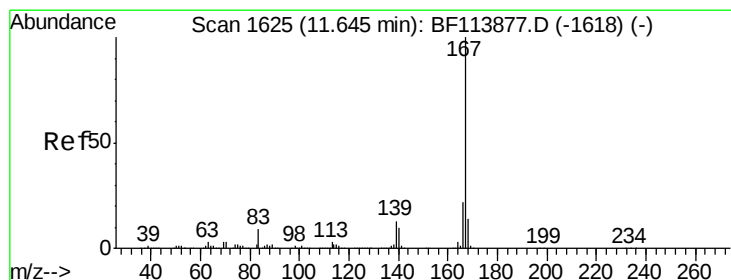
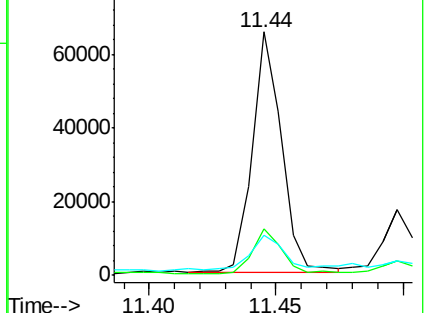
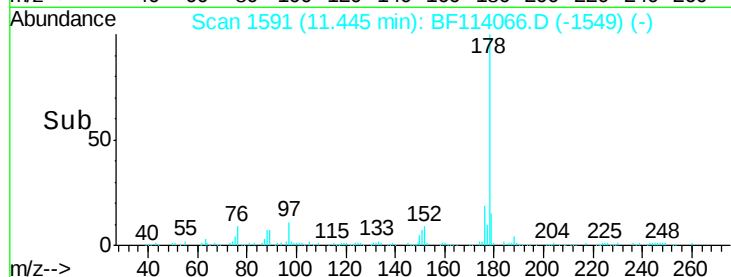
179 16.6 13.0 19.4



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: 0.211 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

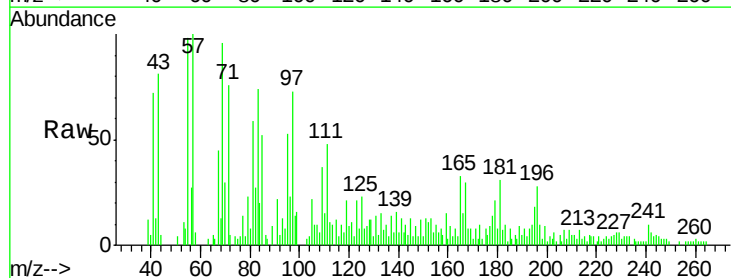
Tgt Ion:167 Resp: 3064

Ion Ratio Lower Upper

167 100

166 50.8 17.7 26.5#

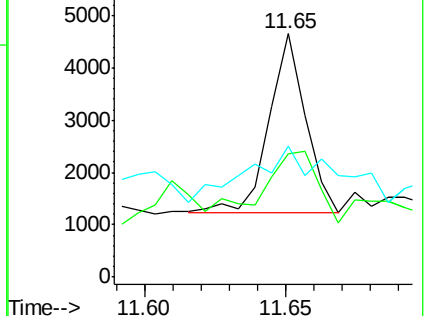
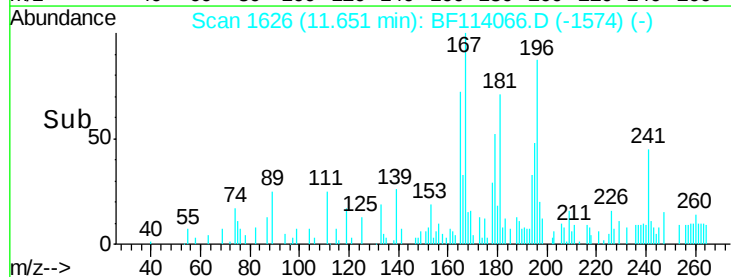
139 53.8 10.0 15.0#

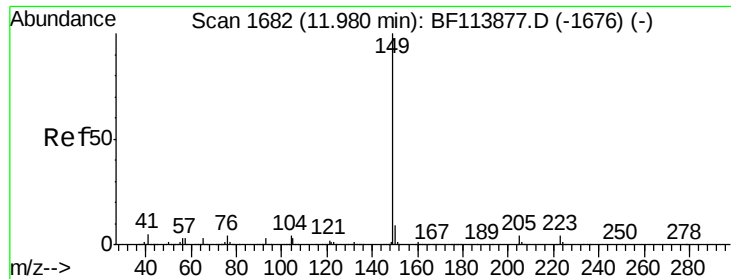


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.044 ng

RT: 11.98 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampled :

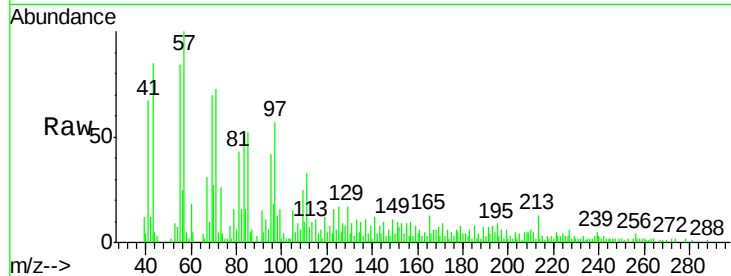
Tot Ion:149 Resp: 757

Ion Ratio Lower Upper

149 100

150 36.1 7.8 11.8#

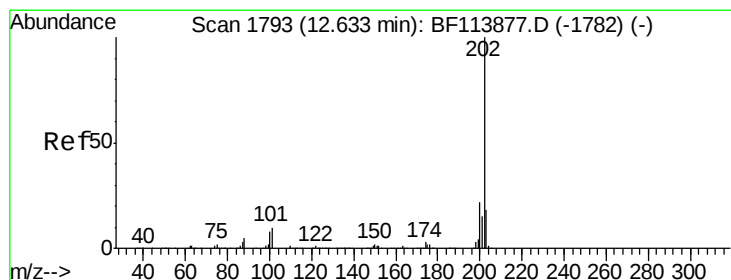
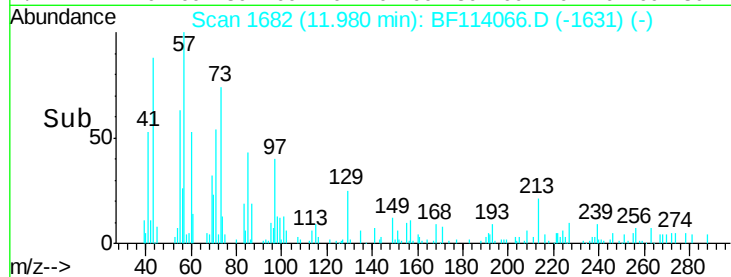
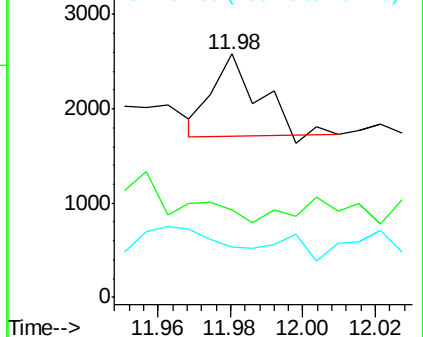
104 20.8 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 4.313 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

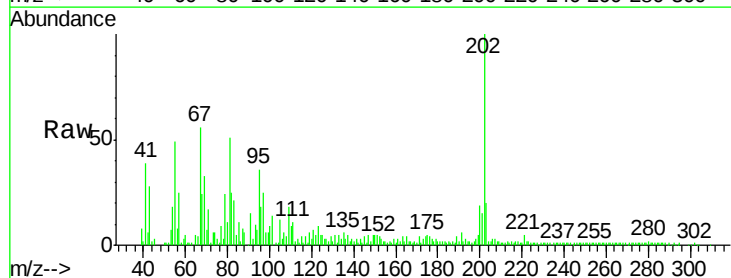
Tgt Ion:202 Resp: 75683

Ion Ratio Lower Upper

202 100

101 14.3 0.0 32.9

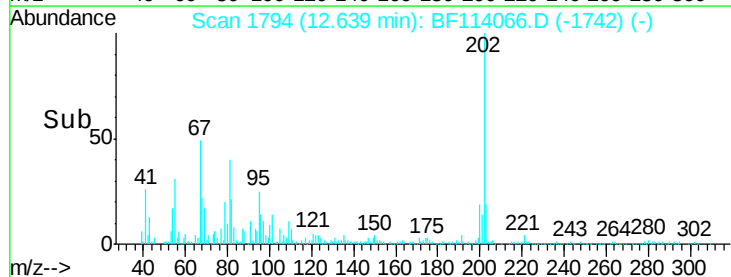
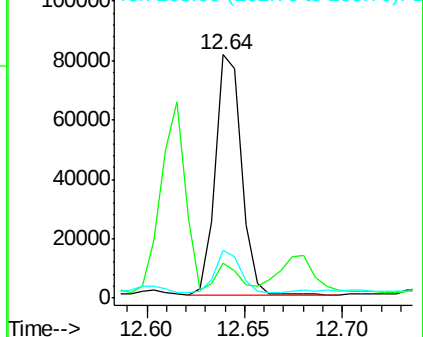
203 19.8 0.0 38.2

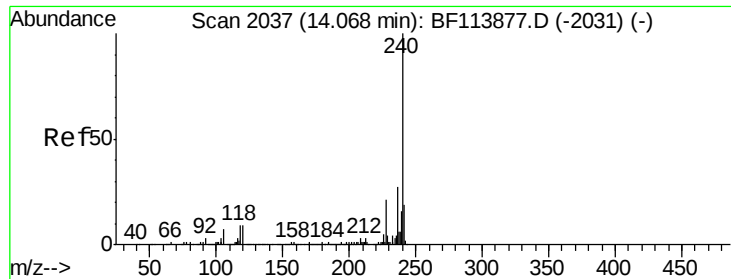


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

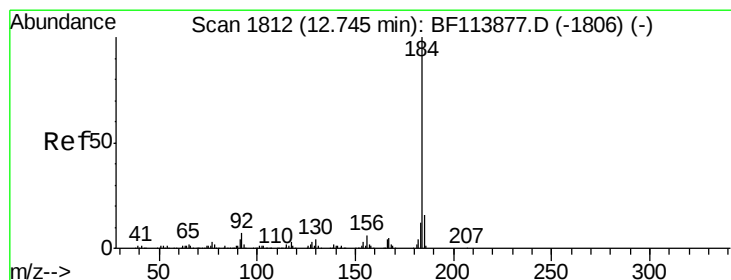
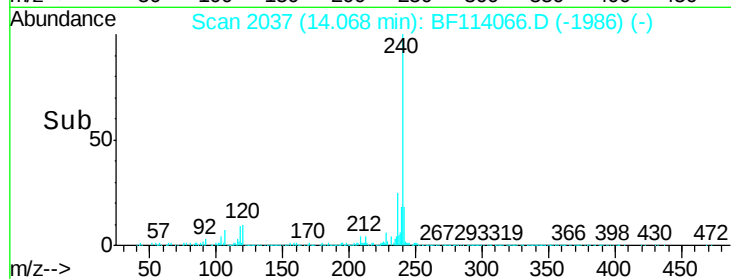
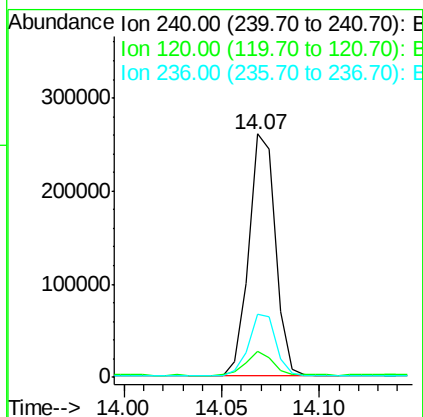
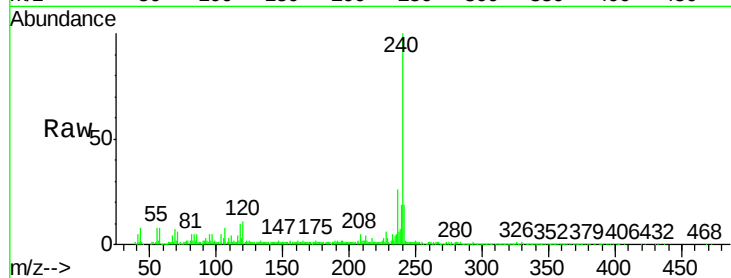




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

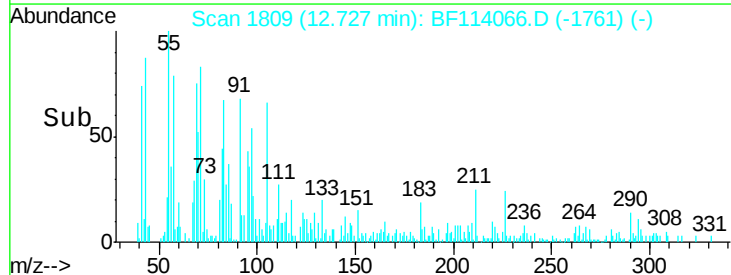
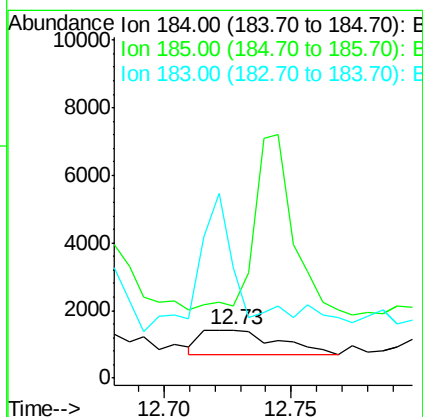
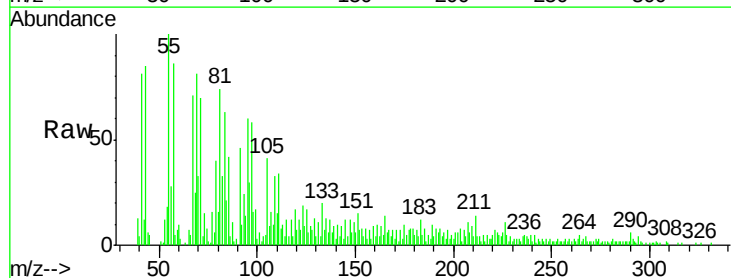
Instrument :
BNA_F
ClientSampleId :

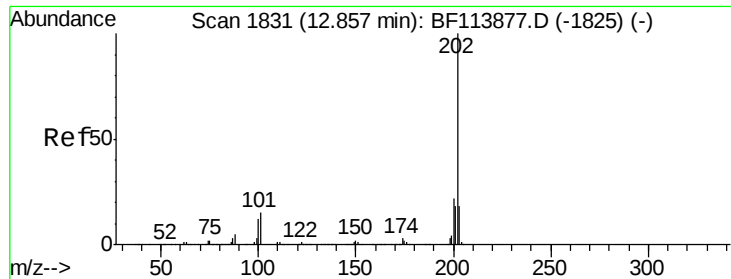
Tot Ion:240 Resp: 246594
Ion Ratio Lower Upper
240 100
120 10.9 9.3 13.9
236 25.7 21.2 31.8



#77
Benzidine
Concen: 0.205 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion:184 Resp: 1504
Ion Ratio Lower Upper
184 100
185 150.6 13.0 19.6#
183 231.7 9.4 14.0#

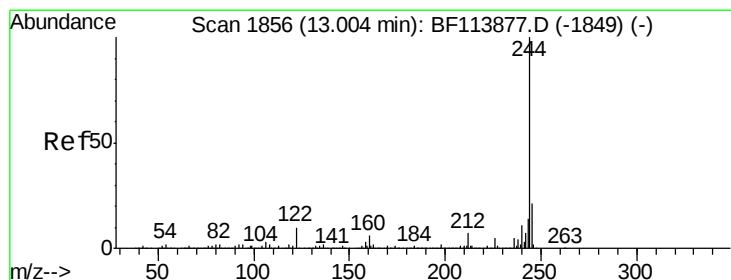
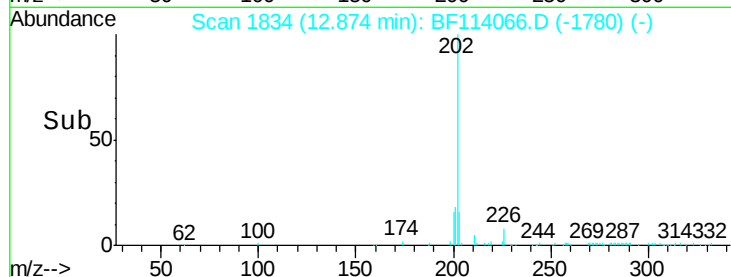
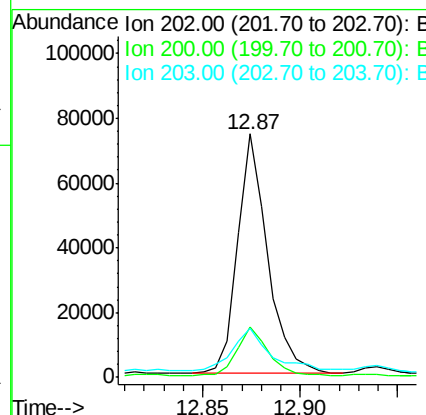
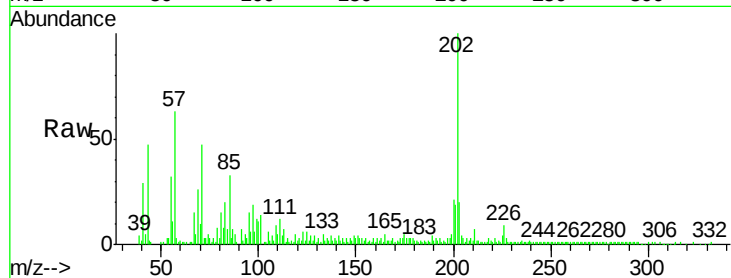




#78
Pvrene
Concen: 4.564 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.02 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

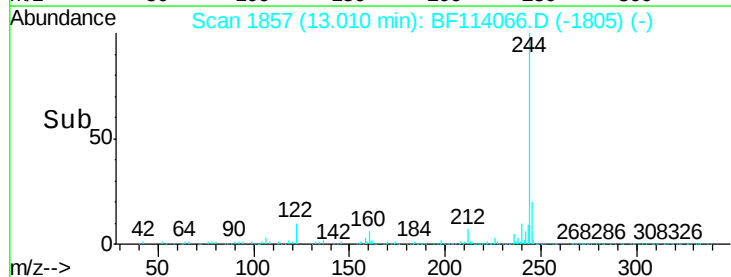
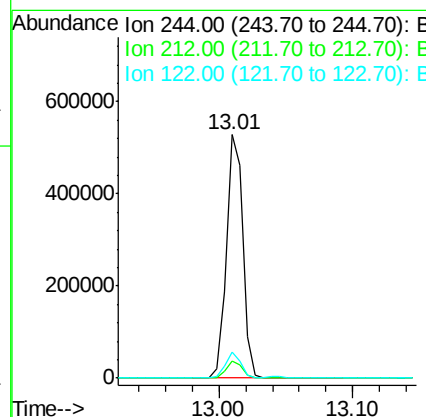
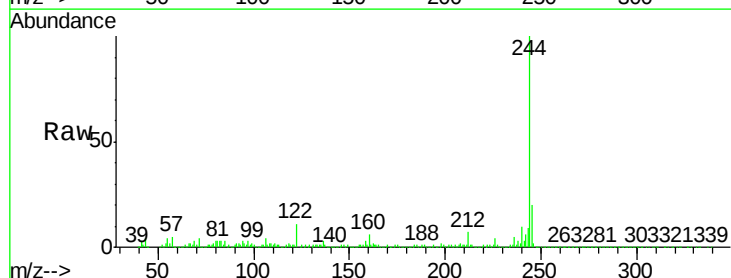
Instrument :
BNA_F
ClientSampleId :

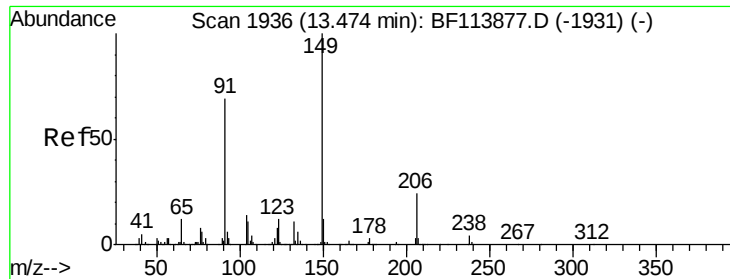
Tot Ion:202 Resp: 78707
Ion Ratio Lower Upper
202 100
200 20.5 17.7 26.5
203 20.3 15.0 22.6



#79
Terphenyl-d14
Concen: 38.051 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion:244 Resp: 457684
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.7 7.6 11.4

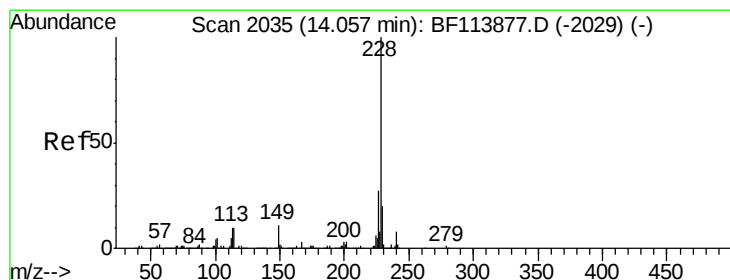
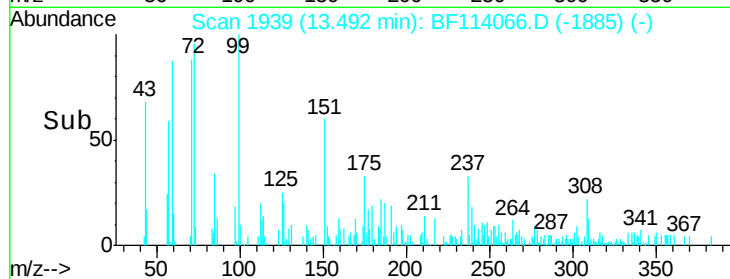
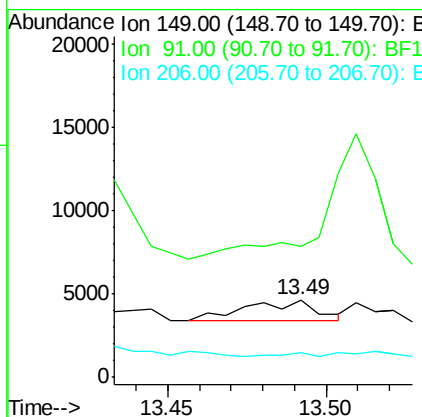
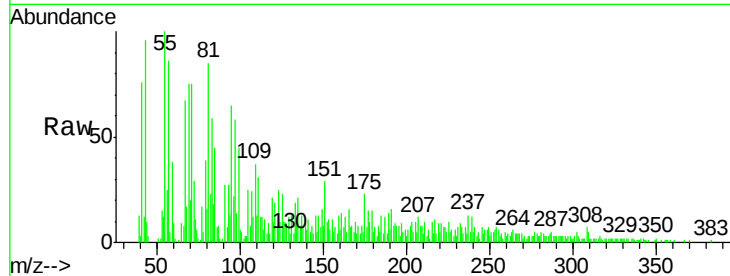




#80
Butylbenzylphthalate
Concen: 0.284 ng
RT: 13.49 min Scan# 1939
Delta R.T. 0.02 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

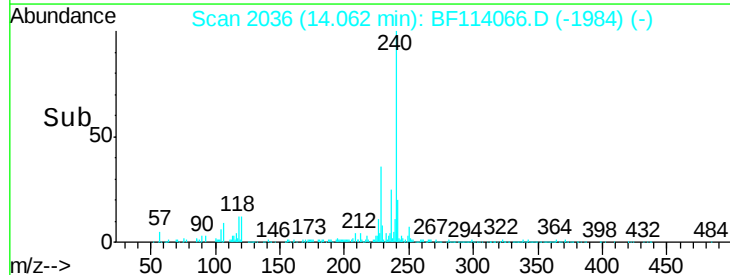
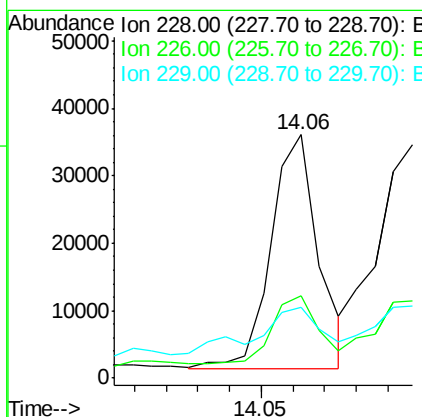
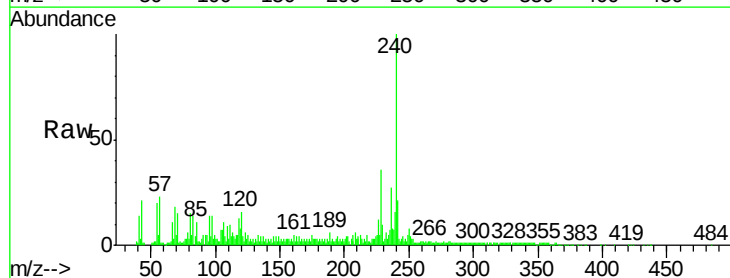
Instrument :
BNA_F
ClientSampled :

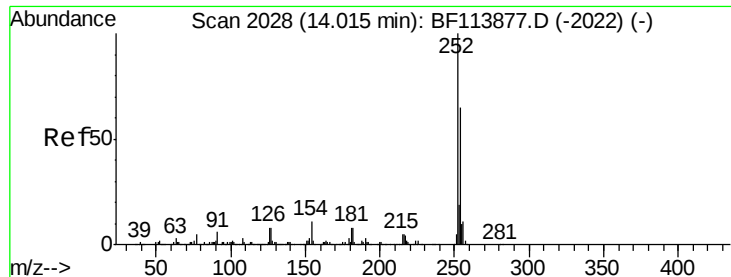
Tot Ion:149 Resp: 1925
Ion Ratio Lower Upper
149 100
91 168.6 56.3 84.5#
206 32.6 19.0 28.6#



#81
Benzo(a)anthracene
Concen: 2.487 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion:228 Resp: 36128
Ion Ratio Lower Upper
228 100
226 34.0 22.2 33.2#
229 29.1 16.0 24.0#





#82

3,3'-Dichlorobenzidine

Concen: 0.424 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

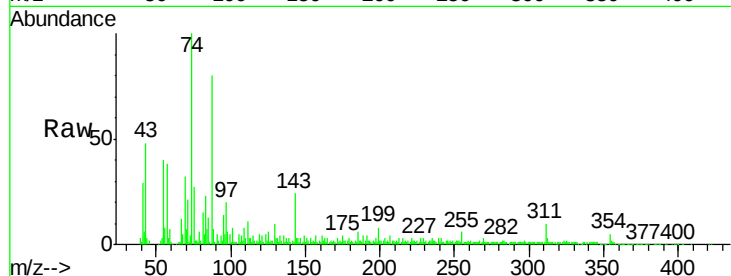
Tot Ion:252 Resp: 2258

Ion Ratio Lower Upper

252 100

254 48.5 52.1 78.1#

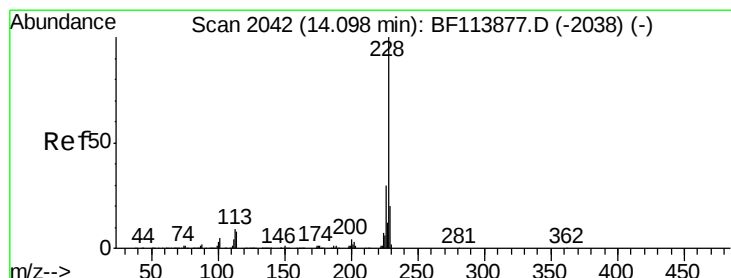
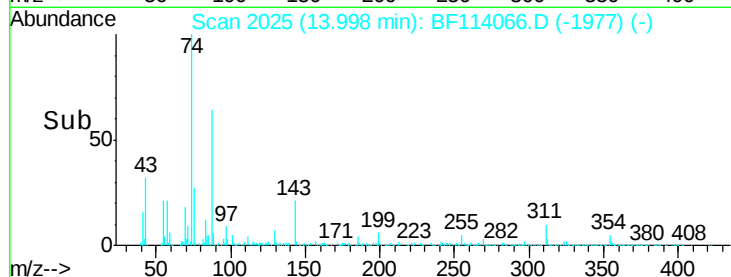
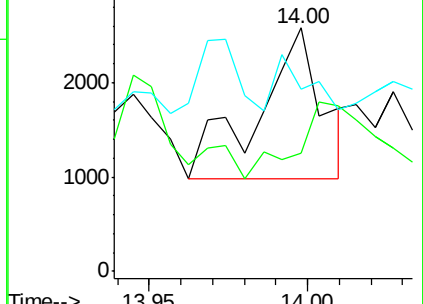
126 74.6 9.3 13.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 2.670 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

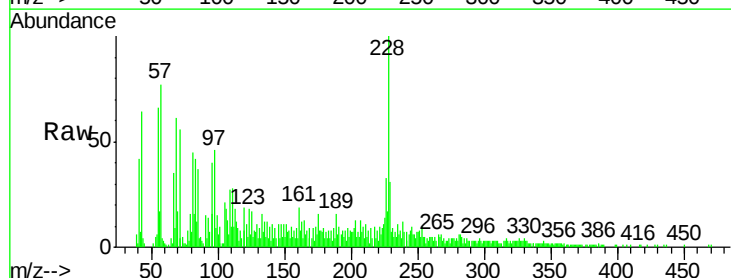
Tgt Ion:228 Resp: 37782

Ion Ratio Lower Upper

228 100

226 32.9 25.2 37.8

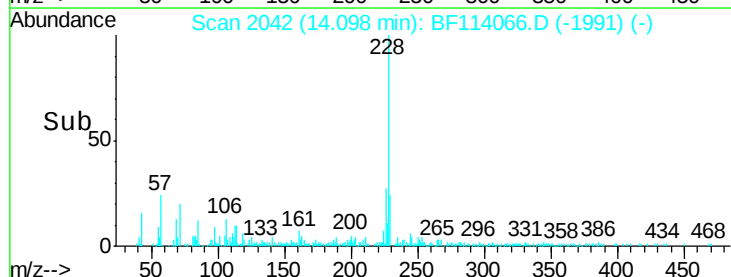
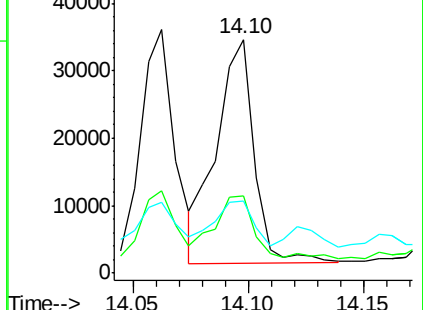
229 30.7 16.7 25.1#

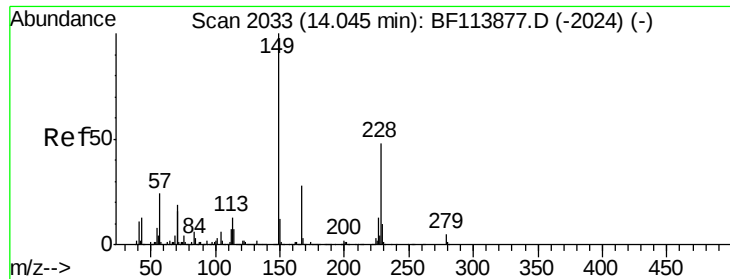


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.749 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

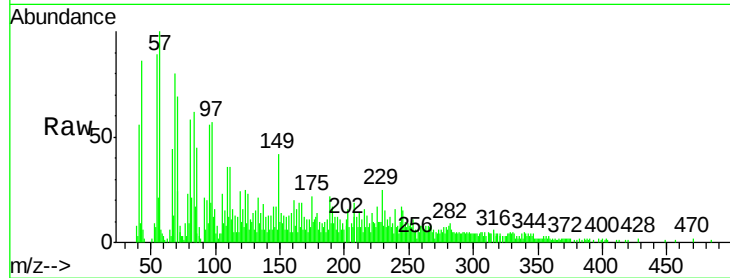
Tot Ion:149 Resp: 6463

Ion Ratio Lower Upper

149 100

167 44.0 22.9 34.3#

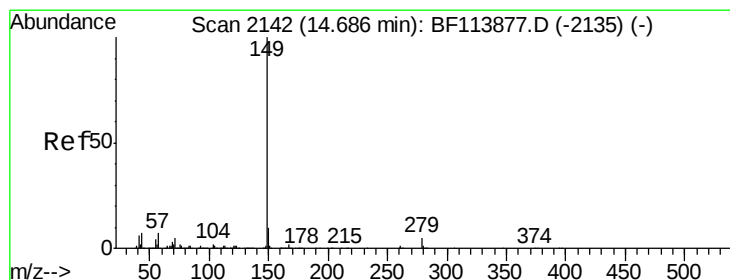
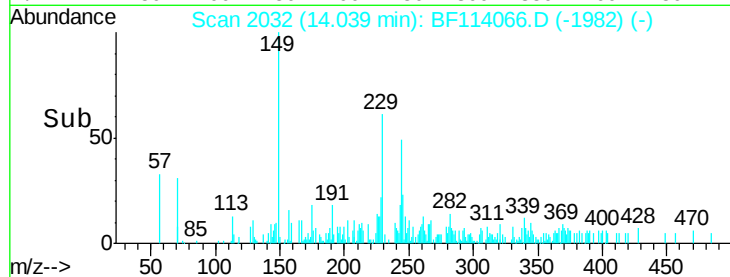
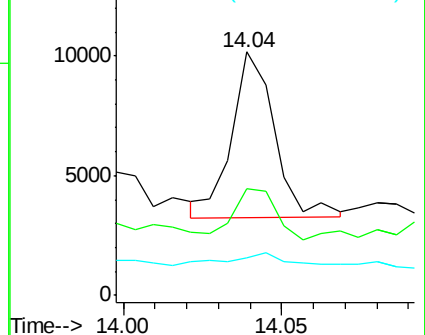
279 15.6 4.2 6.2#



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: 0.150 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.02 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

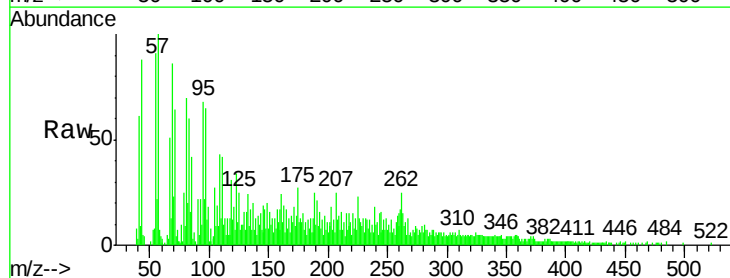
Tgt Ion:149 Resp: 2022

Ion Ratio Lower Upper

149 100

167 46.8 1.3 1.9#

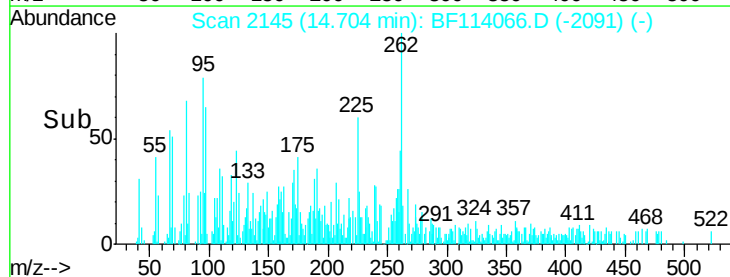
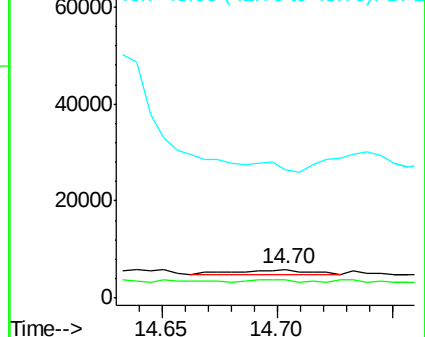
43 0.0 6.6 10.0#

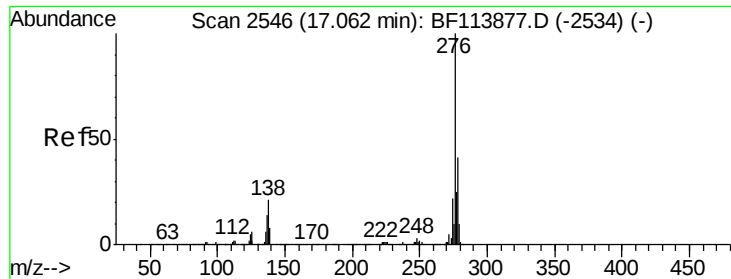


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.671 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.02 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

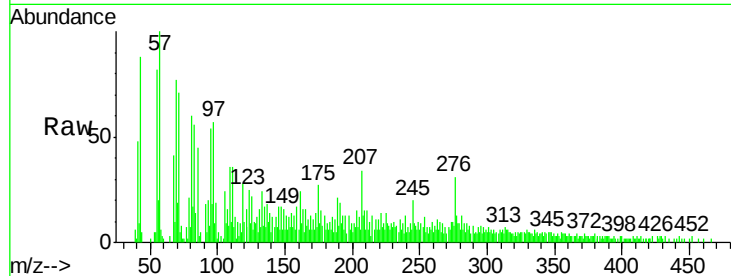
Tot Ion:276 Resp: 8993

Ion Ratio Lower Upper

276 100

138 20.2 19.6 29.4

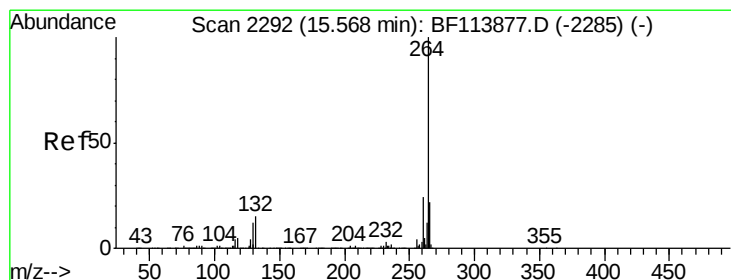
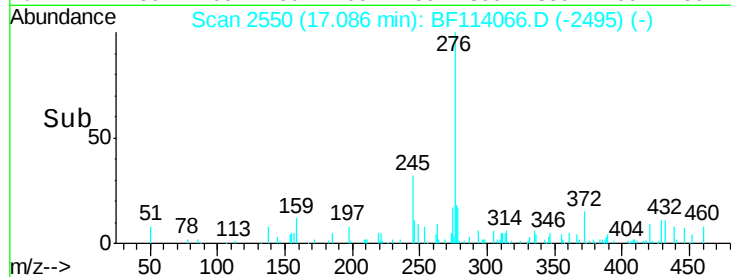
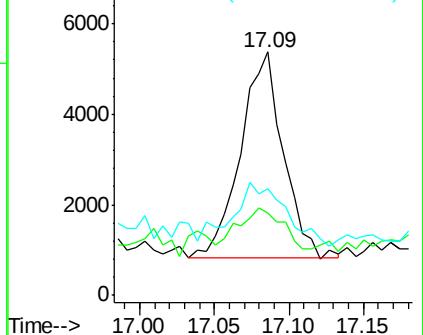
277 38.4 20.2 30.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

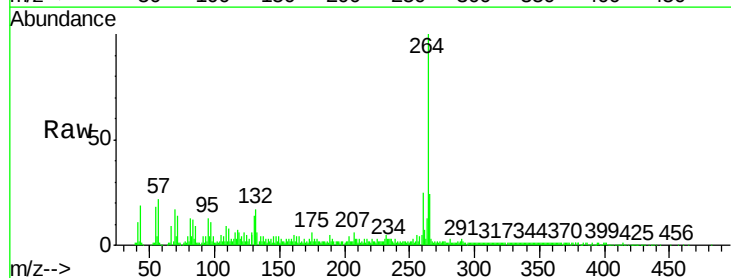
Tgt Ion:264 Resp: 151946

Ion Ratio Lower Upper

264 100

260 25.4 18.9 28.3

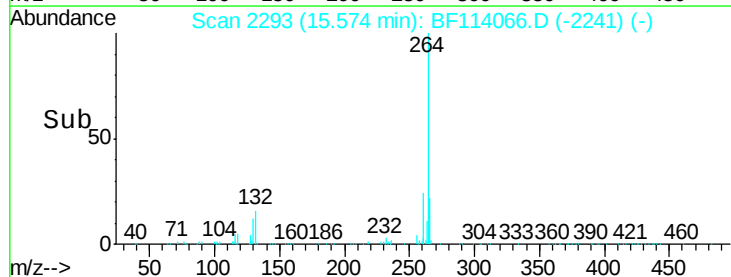
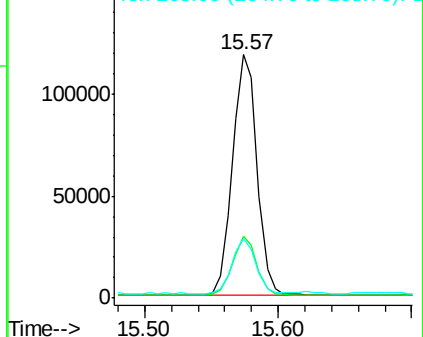
265 24.1 17.3 25.9

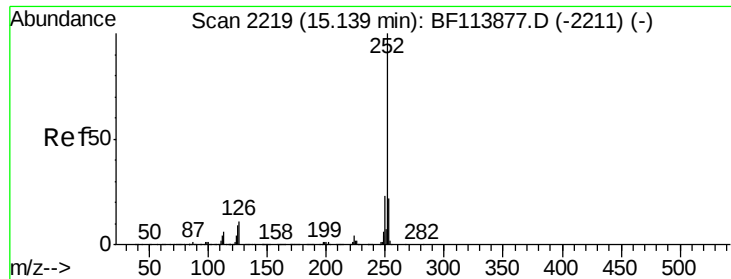


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

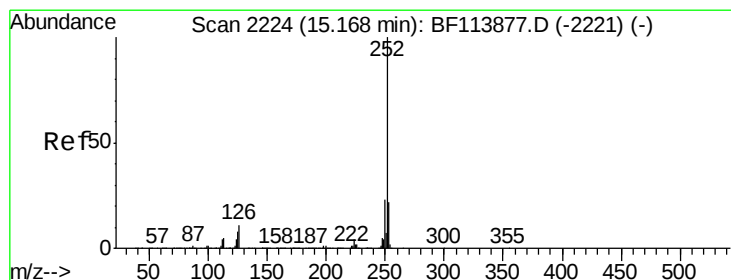
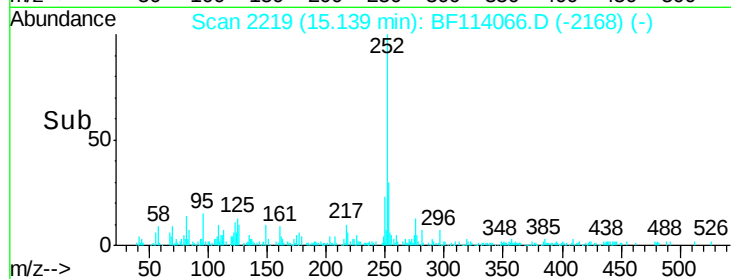
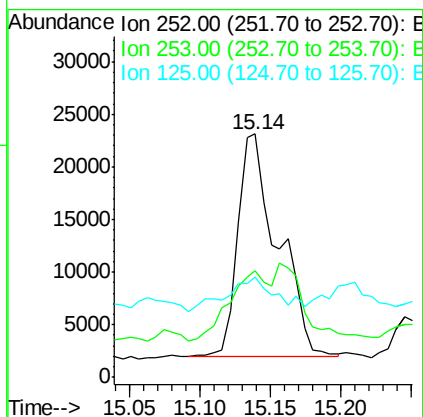
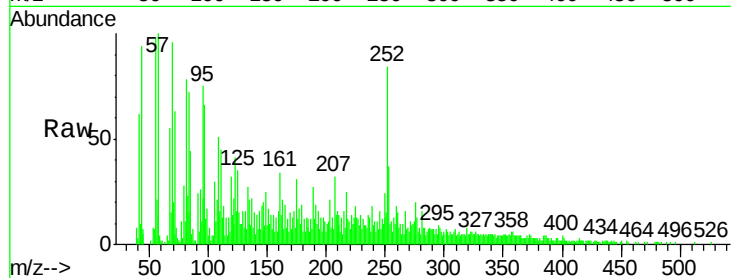




#88
Benzo(b)fluoranthene
Concen: 4.354 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

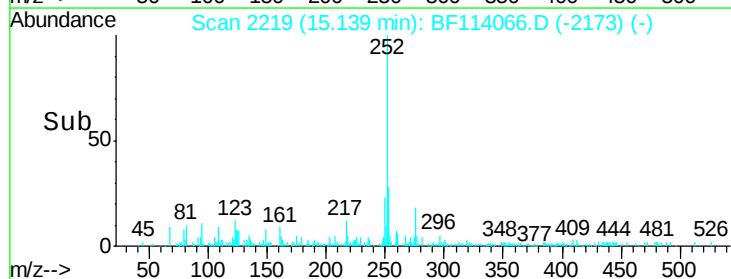
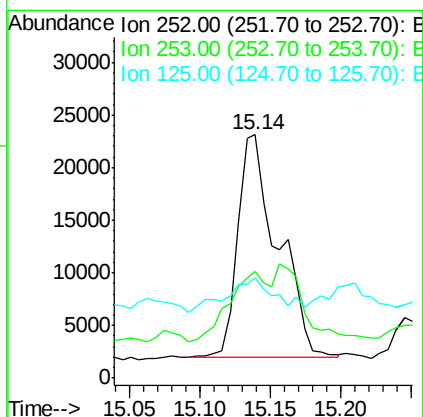
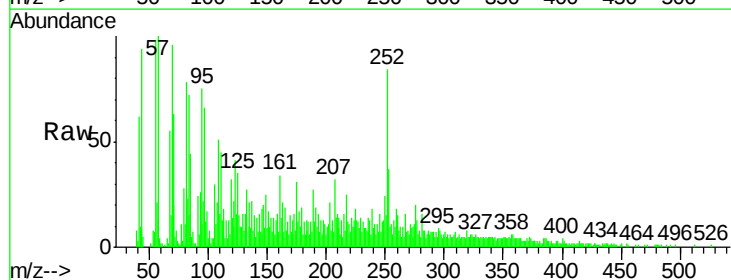
Instrument :
BNA_F
ClientSampleId :

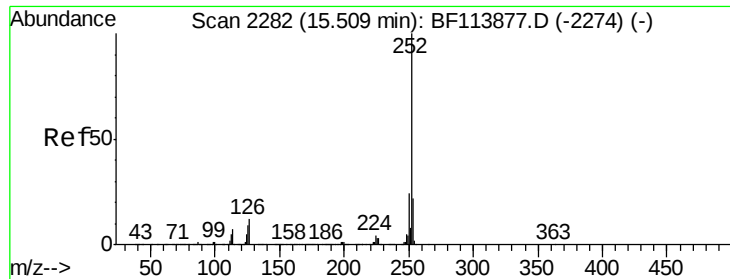
Tot Ion	Ratio	Lower	Upper
252	100		
253	43.6	17.8	26.6#
125	41.4	7.0	10.6#



#89
Benzo(k)fluoranthene
Concen: 5.060 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.6	18.2	27.2#
125	41.4	7.4	11.2#





#90

Benzo(a)pyrene

Concen: 2.263 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

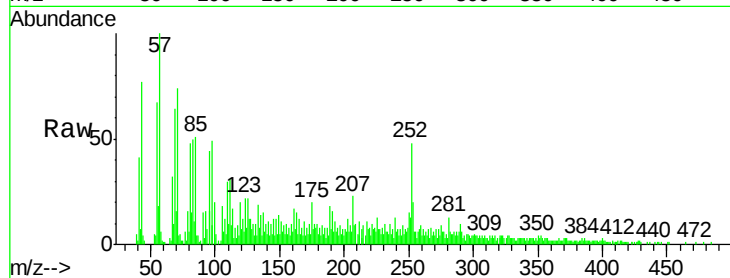
Tot Ion:252 Resp: 18818

Ion Ratio Lower Upper

252 100

253 40.9 17.5 26.3#

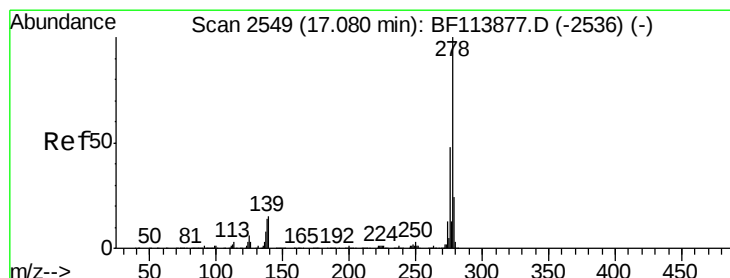
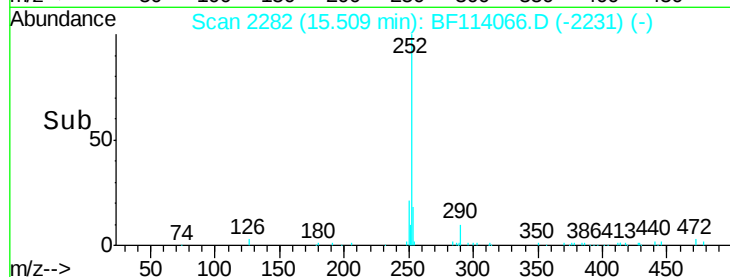
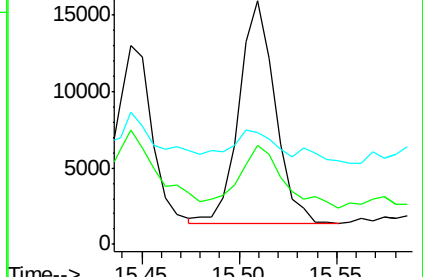
125 46.0 8.5 12.7#



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: 0.447 ng

RT: 17.09 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

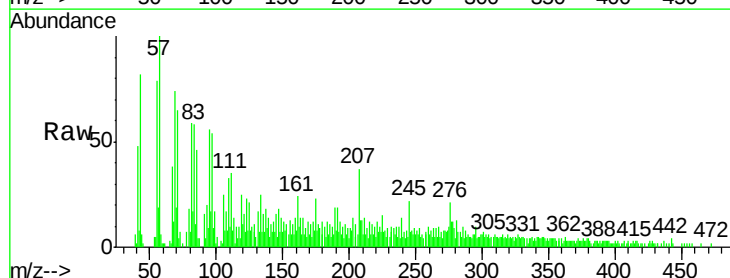
Tgt Ion:278 Resp: 3493

Ion Ratio Lower Upper

278 100

139 114.6 11.6 17.4#

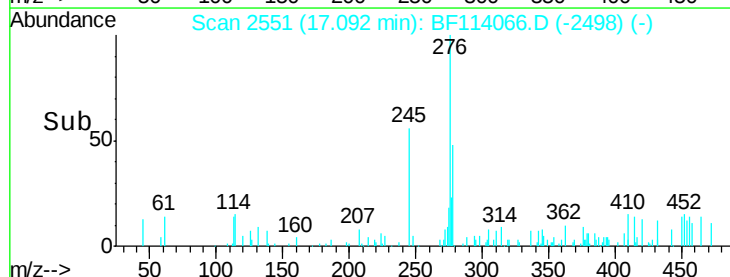
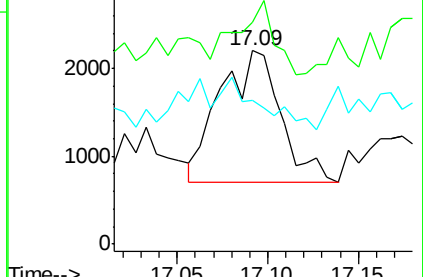
279 74.3 19.0 28.6#

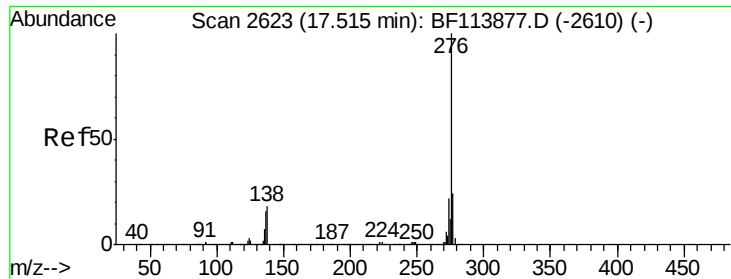


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 1.239 ng
 RT: 17.54 min Scan# 2627
 Delta R.T. 0.02 min
 Lab File: BF114066.D
 Acq: 1 May 2019 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	42.8	19.0	28.4
138	31.3	16.6	25.0

