

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114078.D
 Acq On : 1 May 2019 19:32
 Operator : JU/SJ
 Sample : K2204-05RE 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:04:22 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	6.89	152	71674	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	295175	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	150948	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	315706	20.00	ng	0.00
76) Chrysene-d12	14.06	240	236250	20.00	ng	0.00
87) Perylene-d12	15.56	264	184998	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	78934	18.84	ng	0.00
7) Phenol-d6	6.52	99	109496	20.83	ng	0.00
23) Nitrobenzene-d5	7.45	82	58195	12.17	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	35470	19.29	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	155378	16.10	ng	0.00
79) Terphenyl-d14	13.00	244	183991	15.97	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	114	0.058	ng	# 1
9) Benzaldehyde	6.66	77	1880	Below	Cal	83
10) Phenol	6.53	94	1399	0.223	ng	# 26
15) Benzyl Alcohol	7.05	79	1014	0.286	ng	# 42
18) Hexachloroethane	7.46	117	268	0.140	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	7941	2.332	ng	# 76
22) Acetophenone	7.29	105	468	0.071	ng	# 58
25) Isophorone	7.45	82	58194	5.949	ng	# 65
31) Naphthalene	8.20	128	2219	0.158	ng	# 89
33) 4-Chloroaniline	8.20	127	143	0.024	ng	# 9
37) 2-Methylnaphthalene	8.89	142	1170	0.124	ng	# 91
38) 1-Methylnaphthalene	8.99	142	2377	0.260	ng	# 86
46) 1,1'-Biphenyl	9.35	154	410	0.036	ng	# 42
47) 2-Chloronaphthalene	9.43	162	121	0.013	ng	# 39
48) 2-Nitroaniline	9.25	65	125	0.051	ng	# 6
49) Acenaphthylene	9.79	152	4134	0.282	ng	# 98
50) Dimethylphthalate	9.64	163	16193	1.483	ng	# 98
51) 2,6-Dinitrotoluene	9.93	165	19977	8.530	ng	# 31
52) Acenaphthene	9.96	154	3884	0.448	ng	# 94
55) Dibenzofuran	10.14	168	1286	0.099	ng	# 70
56) 4-Nitrophenol	10.14	139	442	0.227	ng	# 12
57) 2,4-Dinitrotoluene	9.93	165	19977	6.758	ng	# 27
58) Fluorene	10.48	166	4903	0.501	ng	# 86
60) Diethylphthalate	10.34	149	156	0.015	ng	# 57
63) Azobenzene	10.63	77	112	0.011	ng	# 1
66) n-Nitrosodiphenylamine	10.59	169	795	0.084	ng	# 66
67) 4-Bromophenyl-phenylether	10.72	248	2095	0.549	ng	# 1
69) Atrazine	10.94	200	919	0.298	ng	# 35
71) Phenanthrene	11.45	178	38025	2.397	ng	# 99
72) Anthracene	11.50	178	12877	0.804	ng	# 99
73) Carbazole	11.65	167	1421	0.099	ng	# 90
74) Di-n-butylphthalate	11.97	149	713	0.042	ng	# 77
75) Fluoranthene	12.64	202	47323	2.734	ng	# 99
77) Benizidine	12.55	184	2240	0.318	ng	# 1

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

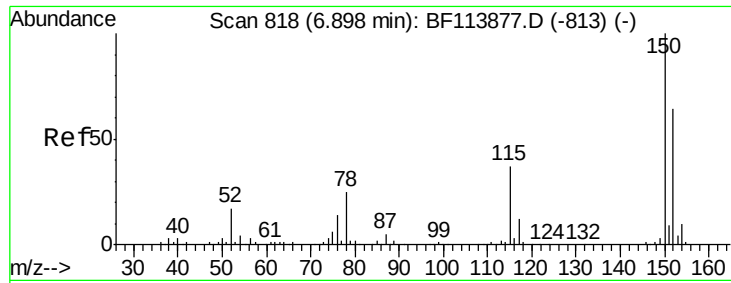
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:04:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) Pyrene	12.87	202	55881	3.382	nq	98
80) Butylbenzylphthalate	13.49	149	868	0.134	nq	# 3
81) Benzo(a)anthracene	14.05	228	23325	1.676	nq	96
82) 3,3'-Dichlorobenzidine	14.03	252	208	0.041	nq	# 5
83) Chrysene	14.05	228	23325	1.721	nq	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	3136	0.379	nq	# 91
85) Di-n-octyl phthalate	14.68	149	350	0.027	nq	# 45
86) Indeno(1,2,3-cd)pyrene	17.06	276	7214	0.562	nq	99
88) Benzo(b)fluoranthene	15.12	252	25528	2.181	nq	# 74
89) Benzo(k)fluoranthene	15.12	252	25528	2.536	nq	# 76
90) Benzo(a)pyrene	15.49	252	13702	1.353	nq	# 67
91) Dibenzo(a,h)anthracene	17.06	278	3280	0.345	nq	# 1
92) Benzo(a,h,i)perylene	17.52	276	8476	0.884	nq	# 87

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

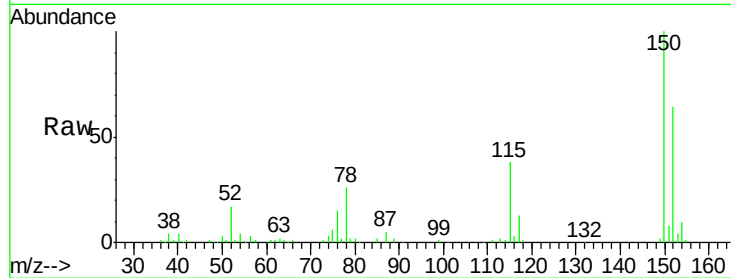


#1

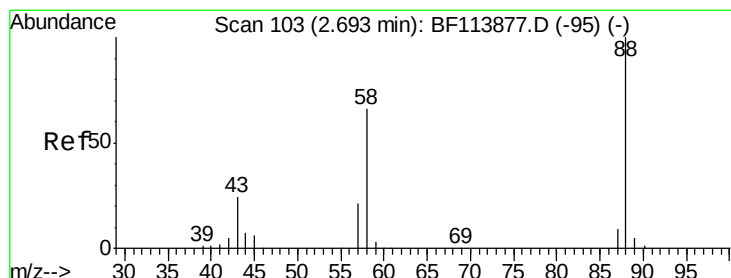
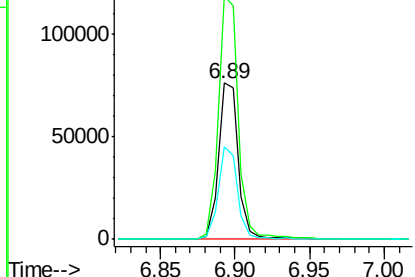
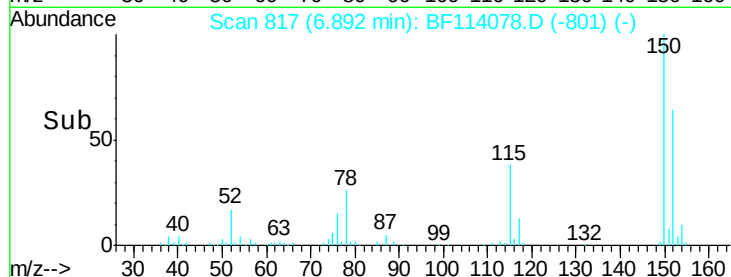
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71674
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 59.6 45.9 68.9



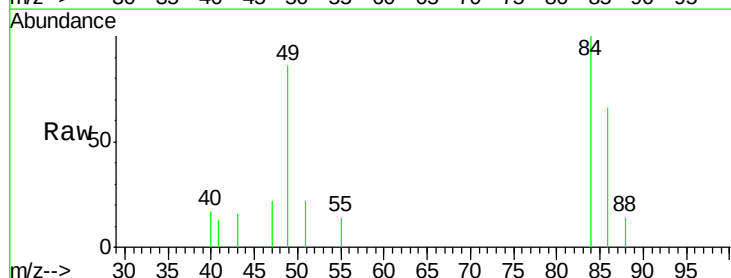
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



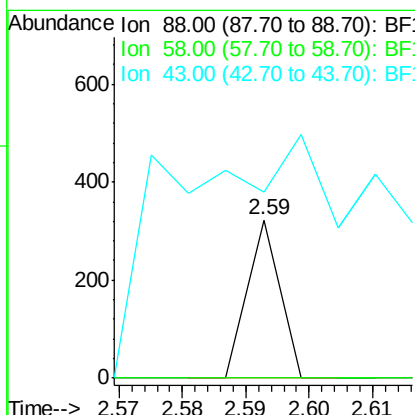
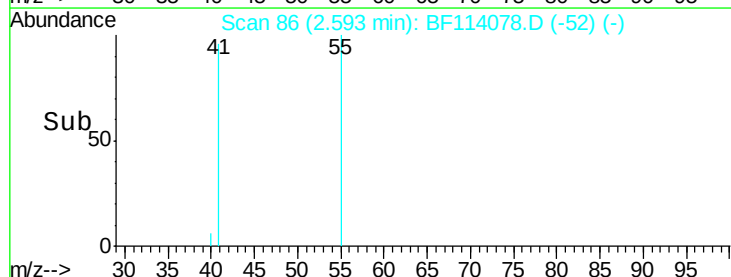
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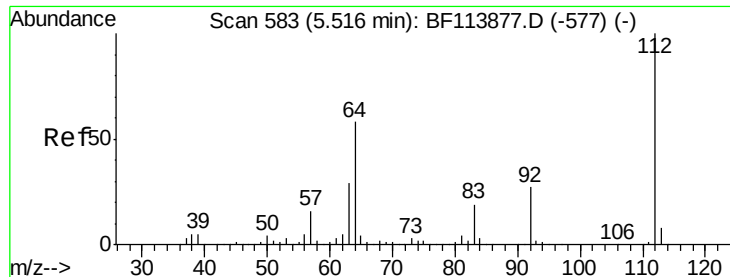
1,4-Dioxane
Concen: 0.058 ng
RT: 2.59 min Scan# 86
Delta R.T. -0.10 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion: 88 Resp: 114
Ion Ratio Lower Upper
88 100
58 0.0 53.3 79.9#
43 1203.5 19.0 28.4#



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

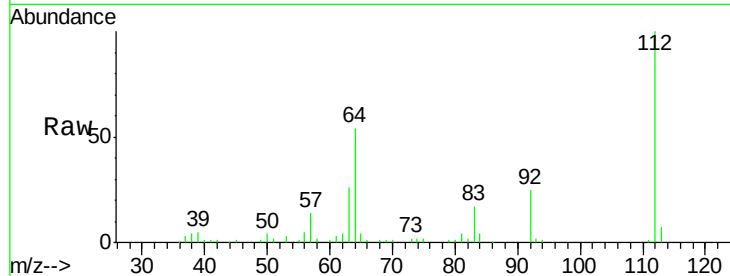




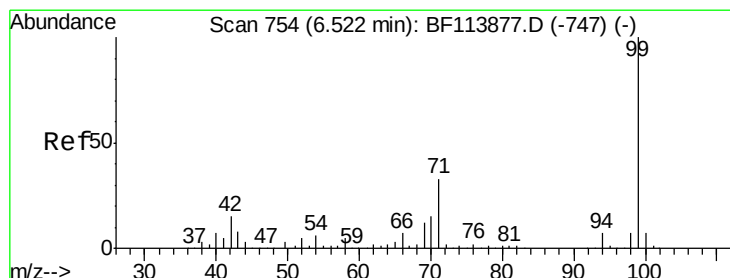
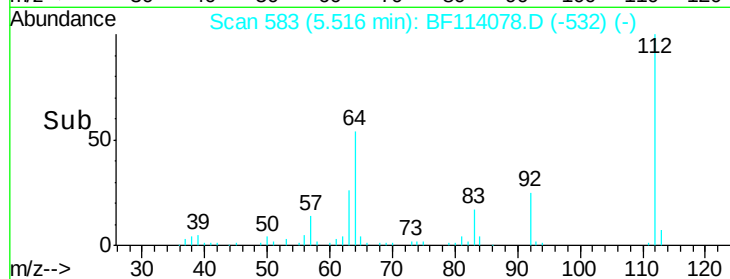
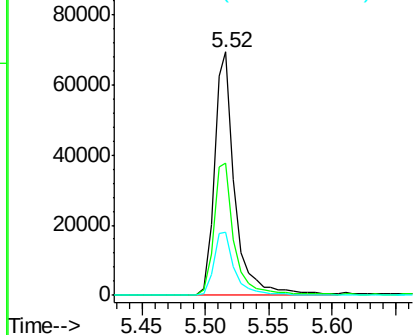
#5
2-Fluorophenol
Concen: 18.836 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 78934
Ion Ratio Lower Upper
112 100
64 54.3 46.6 69.8
63 26.1 23.1 34.7

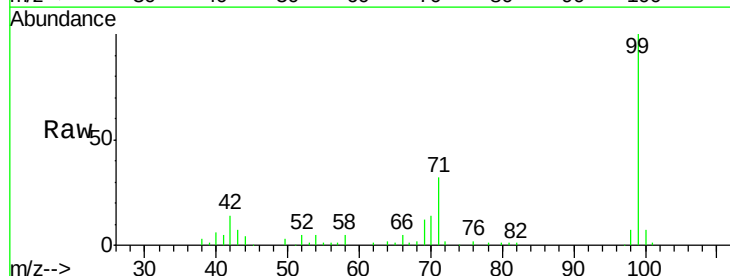


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

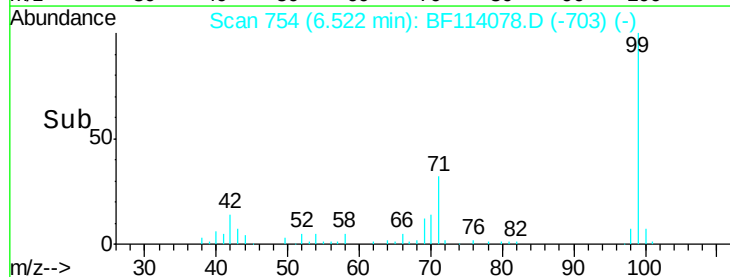
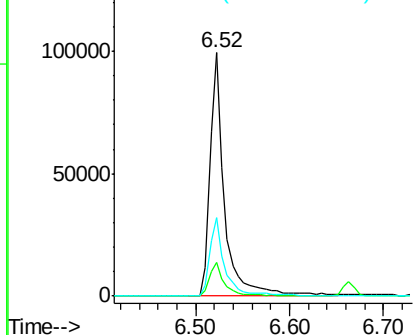


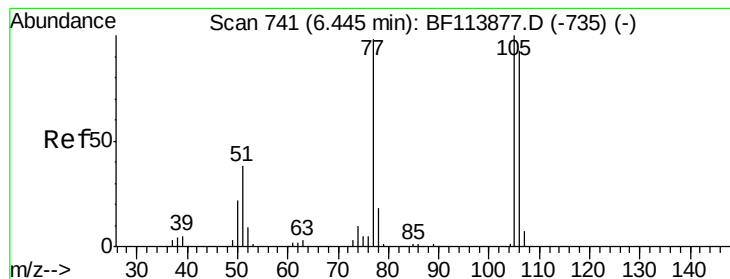
#7
Phenol-d6
Concen: 20.826 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion: 99 Resp: 109496
Ion Ratio Lower Upper
99 100
42 14.0 12.5 18.7
71 32.0 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: 6.66 min Scan# 778

Delta R.T. 0.22 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampled :

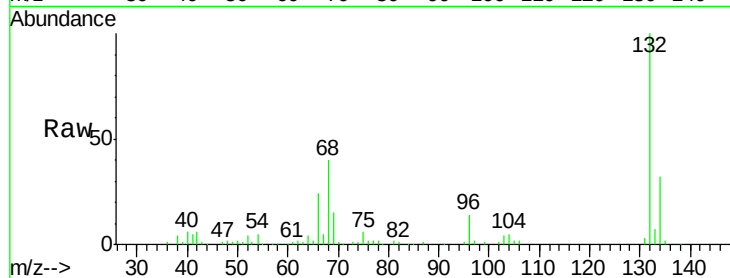
Tot Ion: 77 Resp: 1880

Ion Ratio Lower Upper

77 100

105 79.6 74.1 114.1

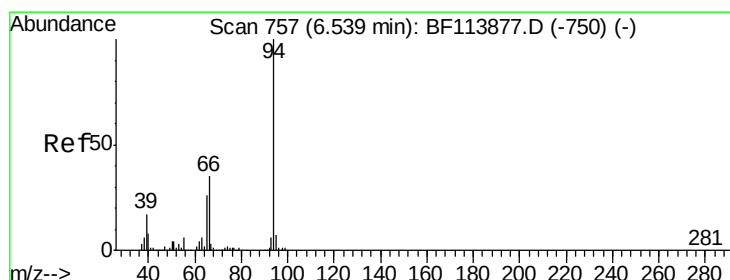
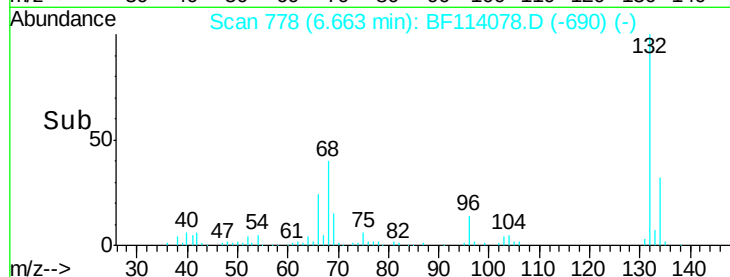
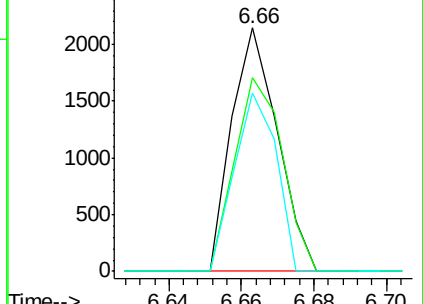
106 73.2 70.3 110.3



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: 0.223 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

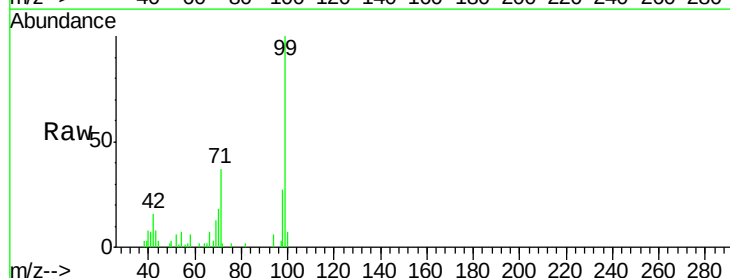
Tgt Ion: 94 Resp: 1399

Ion Ratio Lower Upper

94 100

65 38.2 8.1 48.1

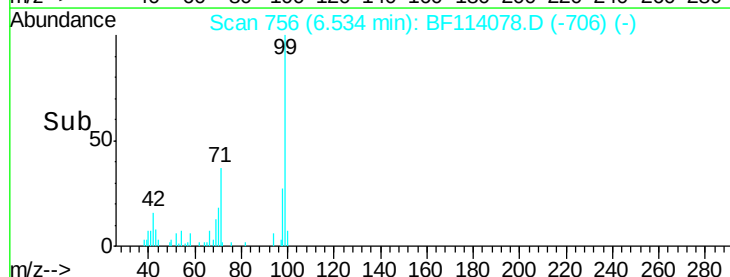
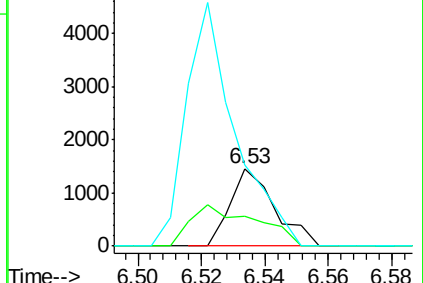
66 105.0 16.6 56.6#

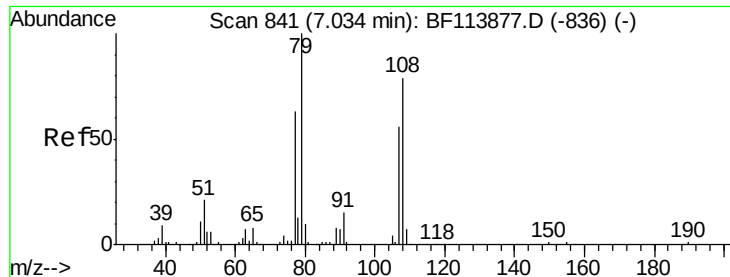


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 0.286 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

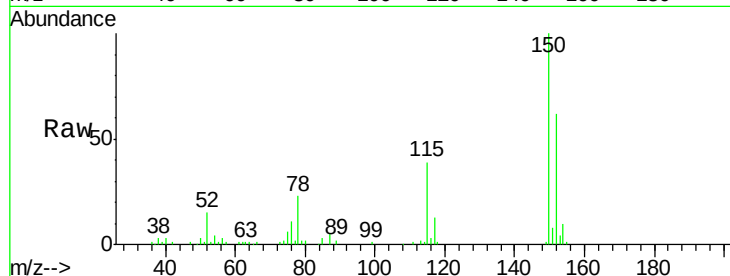
Tot Ion: 79 Resp: 1014

Ion Ratio Lower Upper

79 100

108 26.0 61.4 92.0#

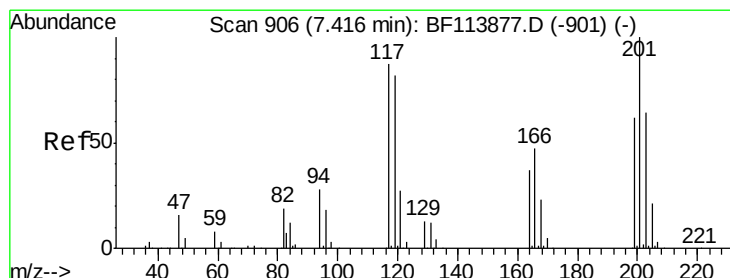
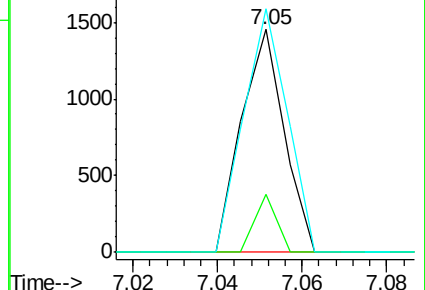
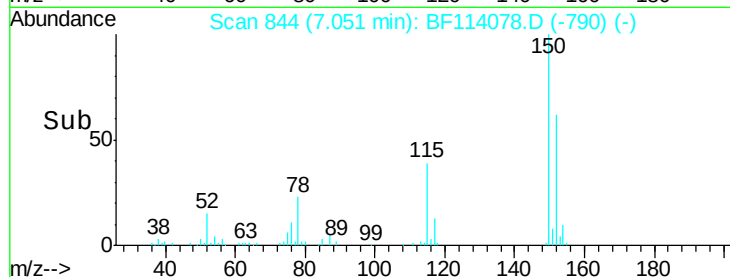
77 109.4 51.6 77.4#



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: 0.140 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.05 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

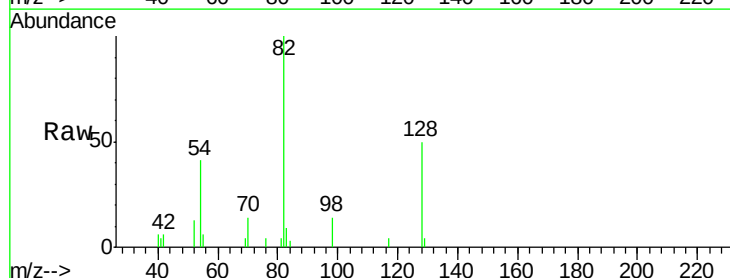
Tgt Ion: 117 Resp: 268

Ion Ratio Lower Upper

117 100

119 0.0 74.4 111.6#

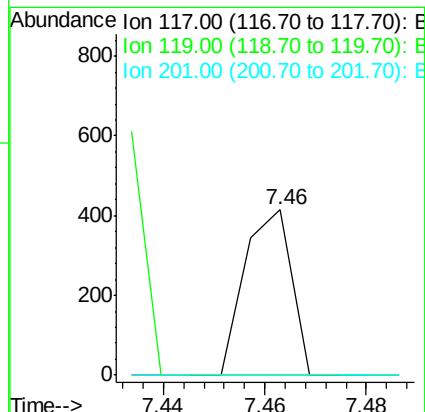
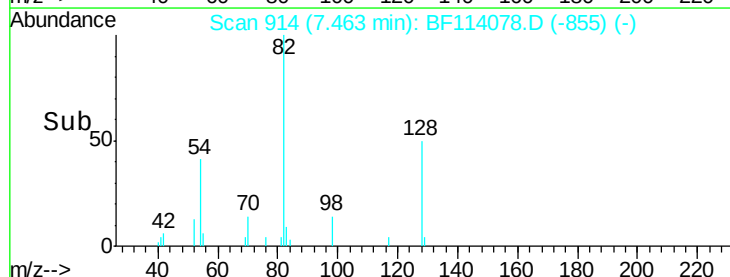
201 0.0 90.2 135.2#

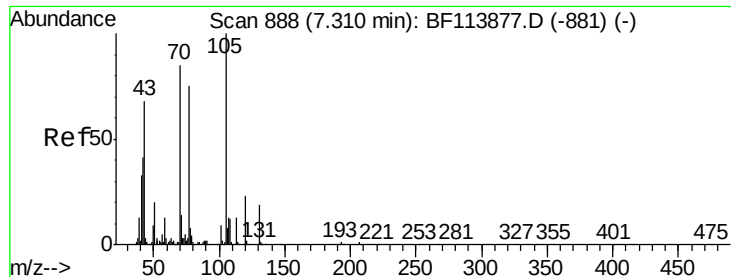


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

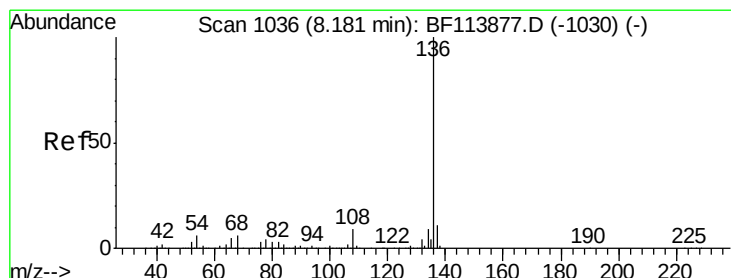
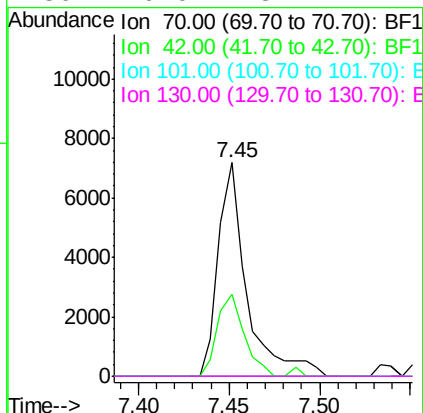
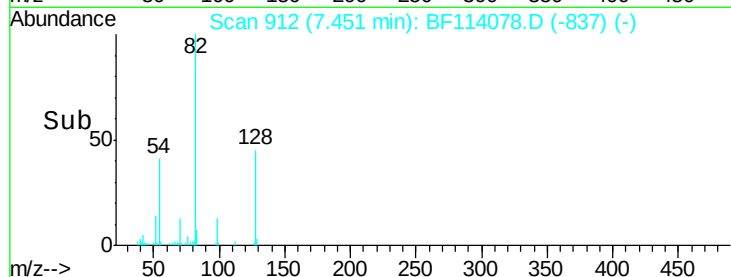
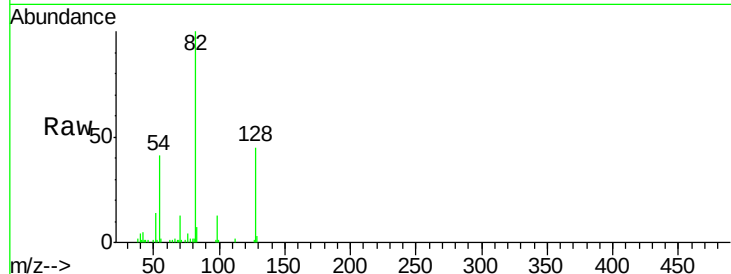




#19
n-Nitroso-di-n-propylamine
Concen: 2.332 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

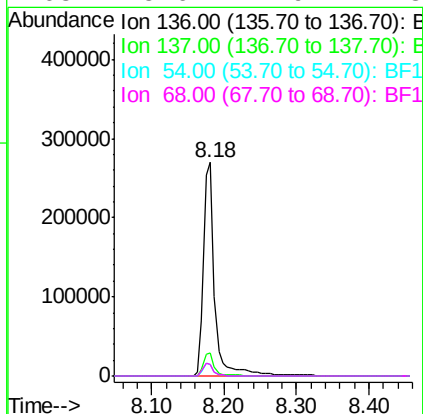
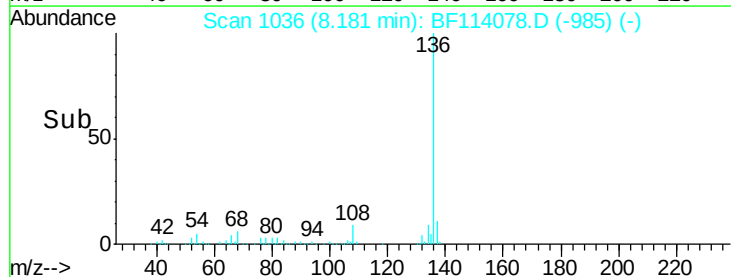
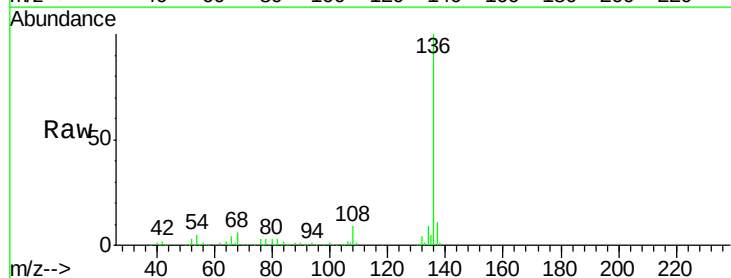
Instrument :
BNA_F
ClientSampleId :

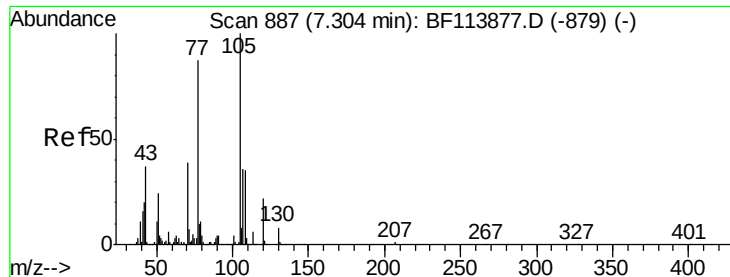
Tot Ion: 70 Resp: 7941
Ion Ratio Lower Upper
70 100
42 38.2 37.3 55.9
101 0.0 7.8 11.8#
130 0.0 18.2 27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion: 136 Resp: 295175
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 5.5 5.0 7.6
68 5.6 4.9 7.3





#22

Acetophenone

Concen: 0.071 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 468

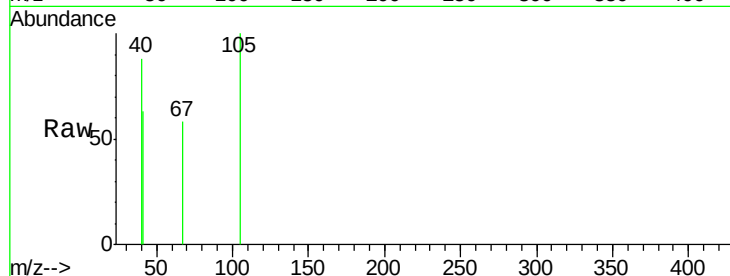
Ion Ratio Lower Upper

105 100

71 0.0 6.1 9.1#

51 0.0 16.8 25.2#

120 0.0 17.6 26.4#



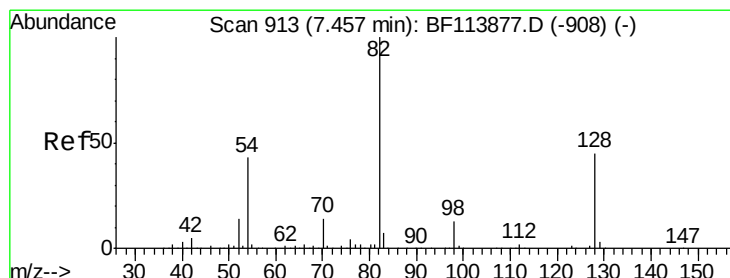
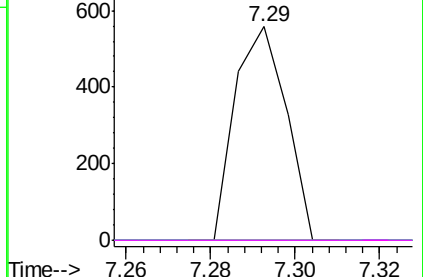
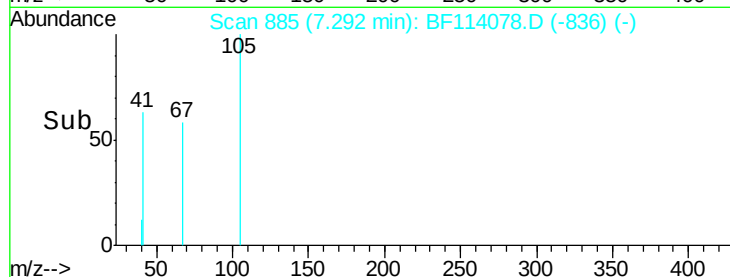
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 12.173 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

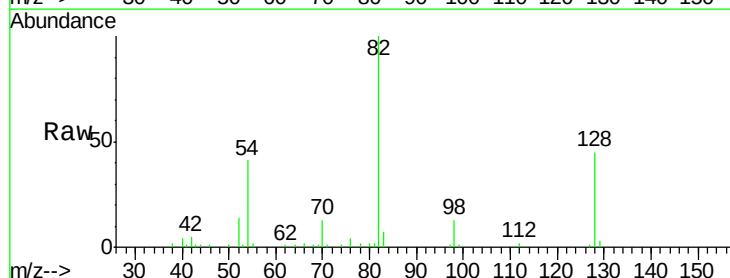
Tgt Ion: 82 Resp: 58195

Ion Ratio Lower Upper

82 100

128 45.0 36.8 55.2

54 40.9 33.8 50.6

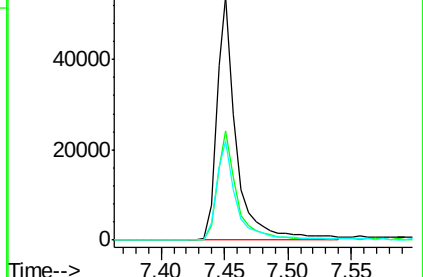
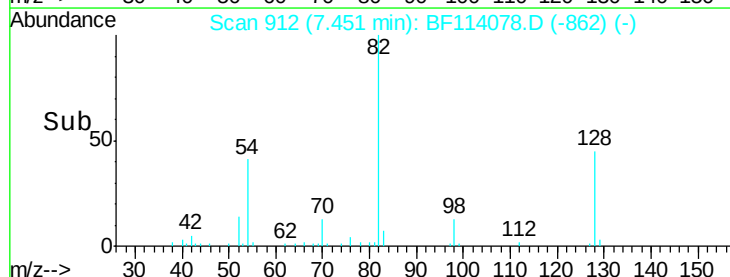


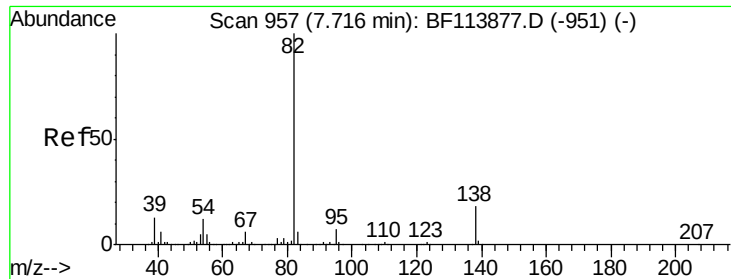
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->





#25

Isophorone

Concen: 5.949 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

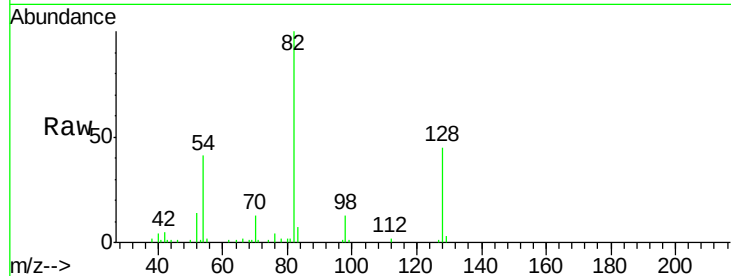
Tot Ion: 82 Resp: 58194

Ion Ratio Lower Upper

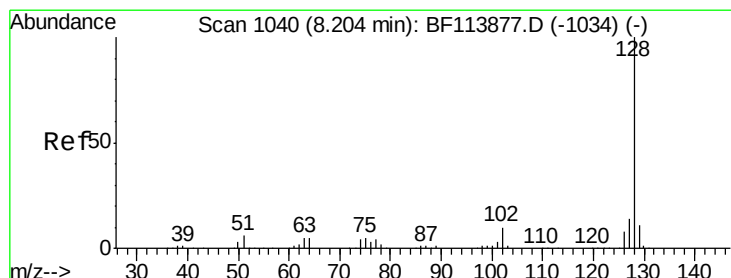
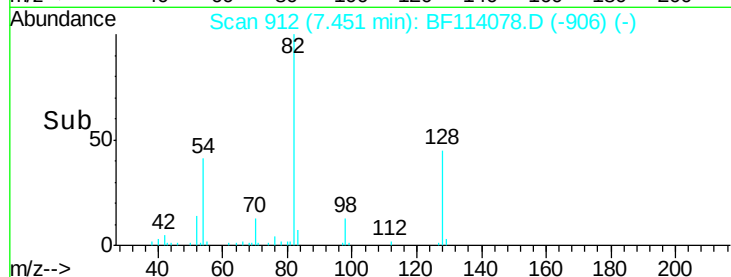
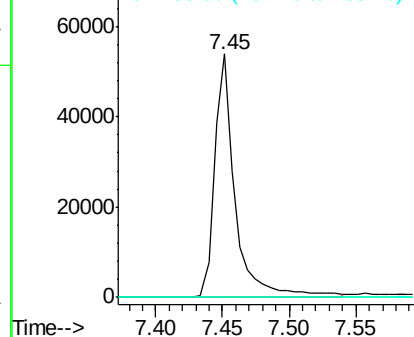
82 100

95 0.0 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



#31

Naphthalene

Concen: 0.158 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

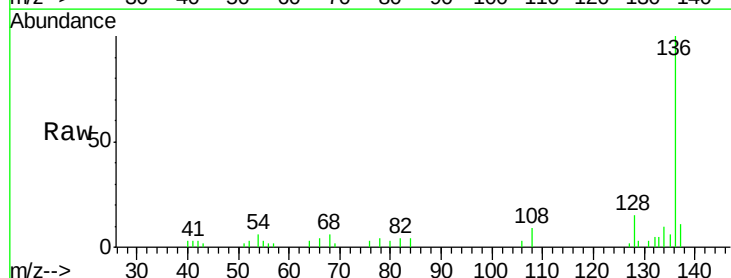
Tgt Ion: 128 Resp: 2219

Ion Ratio Lower Upper

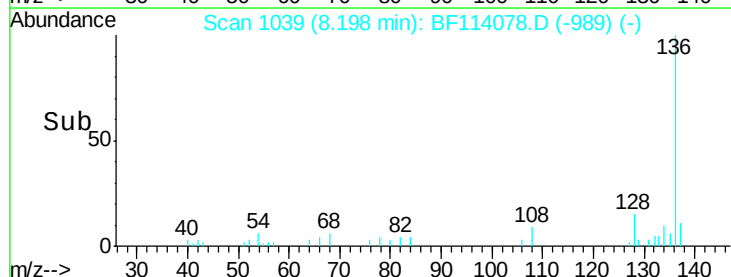
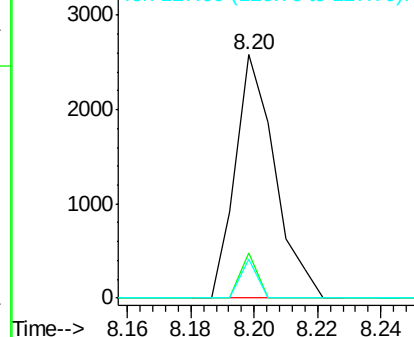
128 100

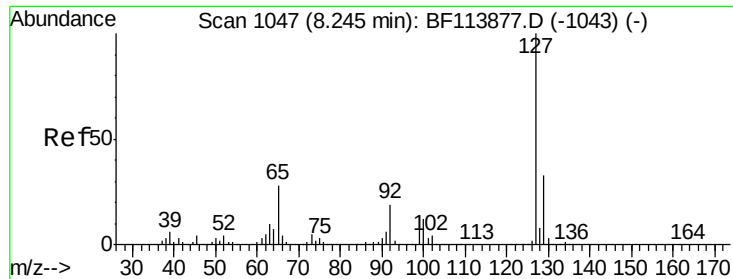
129 18.7 9.4 14.0#

127 15.7 10.8 16.2



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

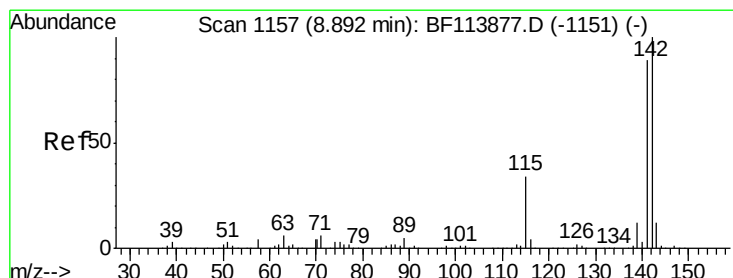
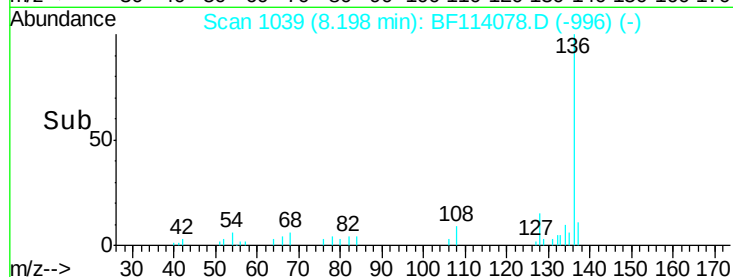
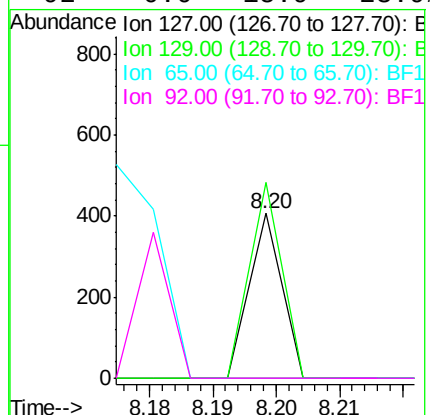
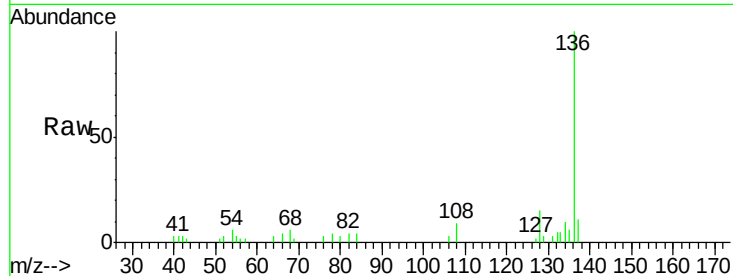




#33
4-Chloroaniline
Concen: 0.024 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

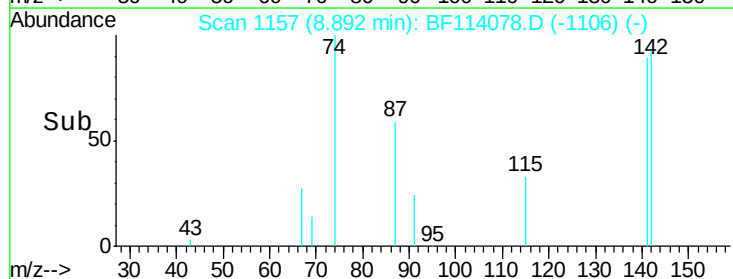
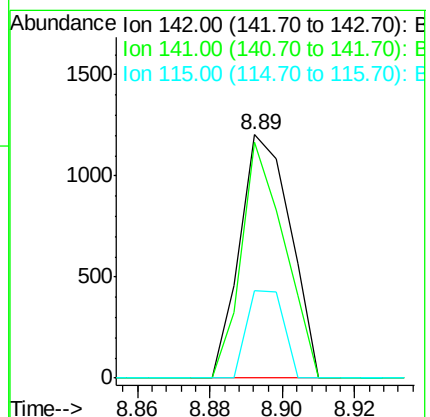
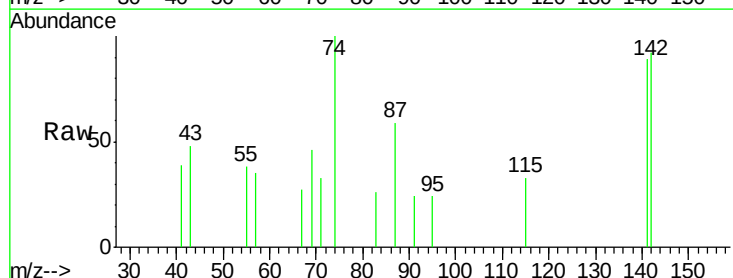
Instrument :
BNA_F
ClientSampleId :

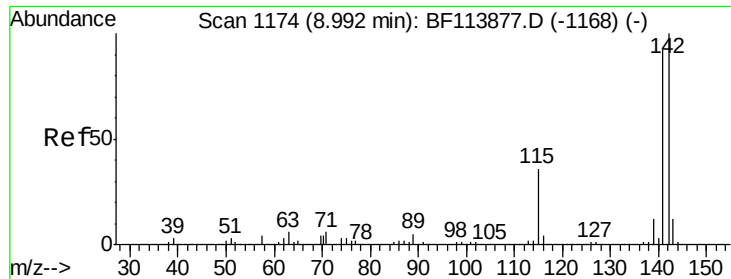
Tot Ion:127	Resp:	143
Ion	Ratio	Lower Upper
127	100	
129	119.0	26.4 39.6#
65	0.0	24.9 37.3#
92	0.0	15.9 23.9#



#37
2-Methylnaphthalene
Concen: 0.124 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:142	Resp:	1170
Ion	Ratio	Lower Upper
142	100	
141	97.2	70.4 105.6
115	35.9	26.3 39.5

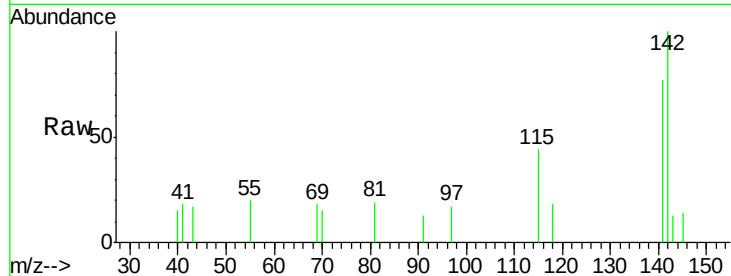




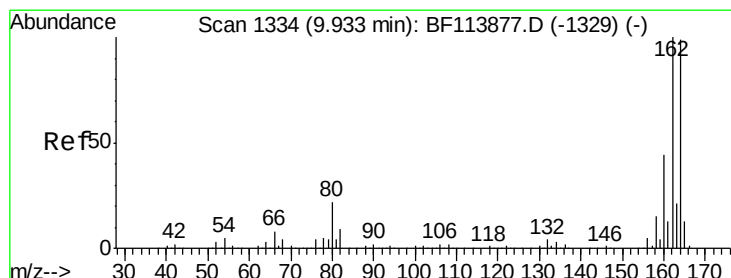
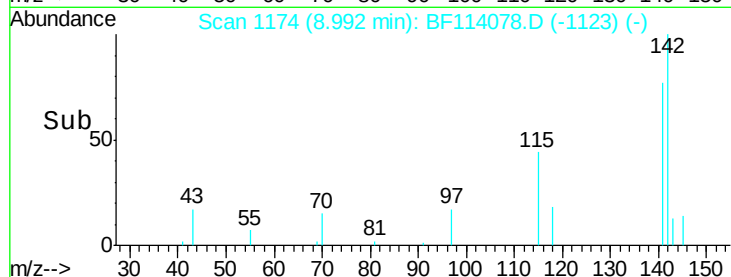
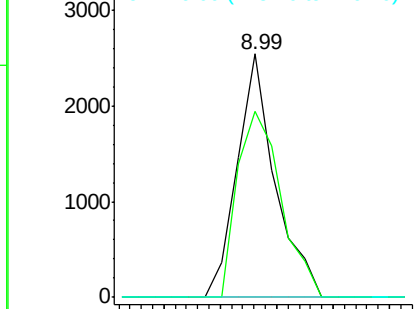
#38
1-Methylnaphthalene
Concen: 0.260 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2377
Ion Ratio Lower Upper
142 100
141 76.6 72.3 108.5
116 0.0 3.0 4.4#

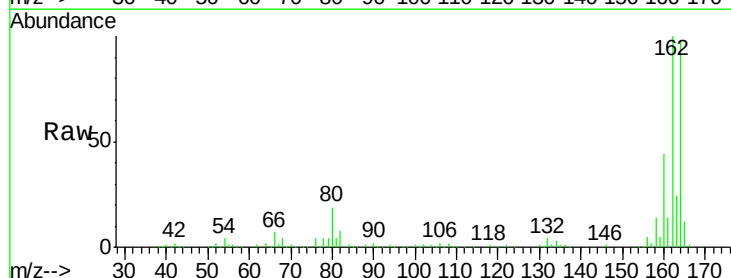


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

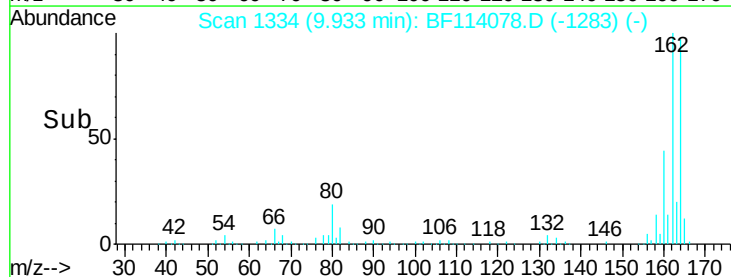
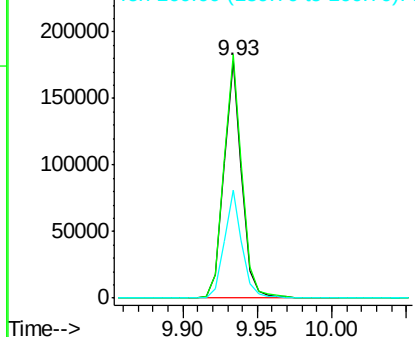


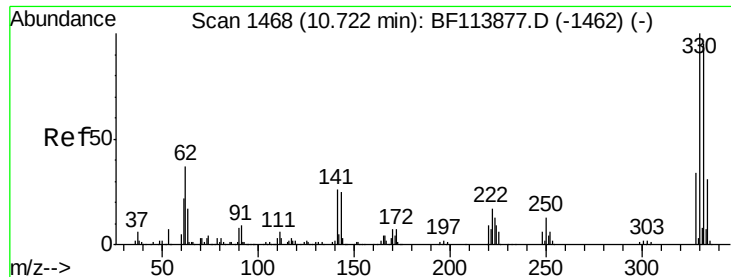
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:164 Resp: 150948
Ion Ratio Lower Upper
164 100
162 102.5 81.1 121.7
160 45.3 35.8 53.6



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





#42

2,4,6-Tribromophenol

Concen: 19.289 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

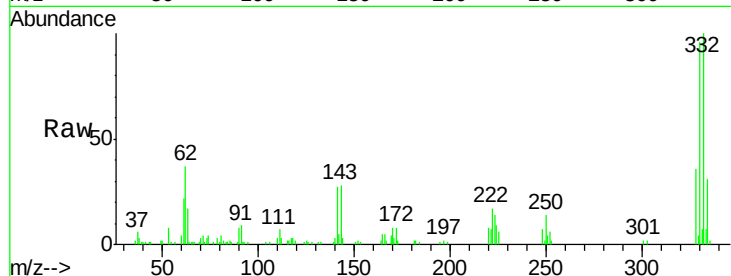
Tot Ion:330 Resp: 35470

Ion Ratio Lower Upper

330 100

332 98.7 77.5 116.3

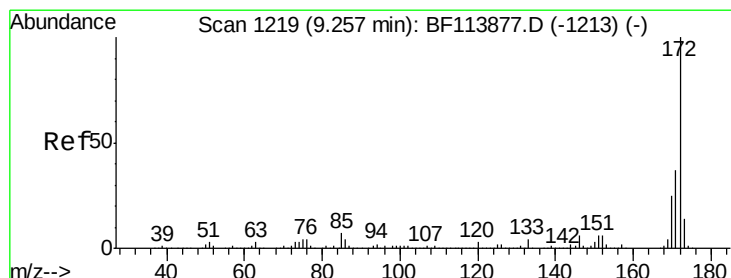
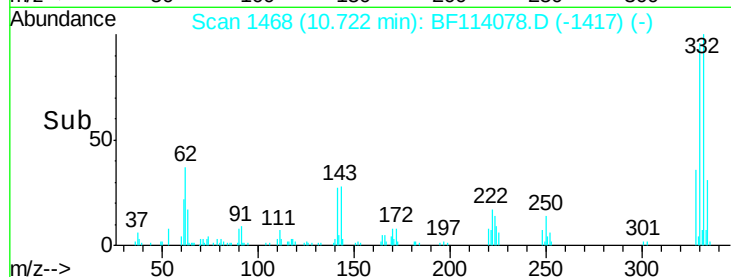
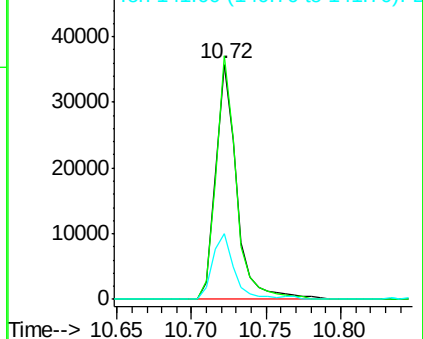
141 28.9 22.2 33.2



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



#45

2-Fluorobiphenyl

Concen: 16.099 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

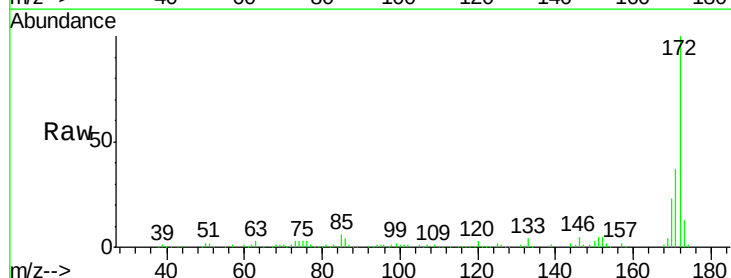
Tgt Ion:172 Resp: 155378

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

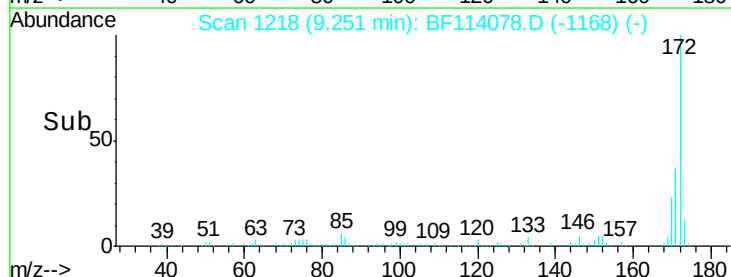
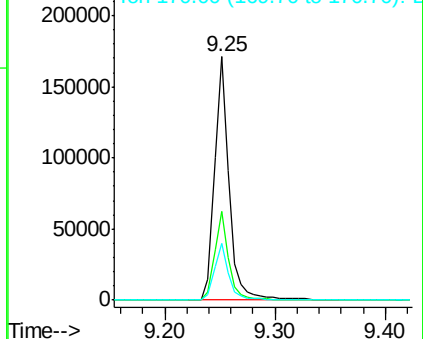
170 23.1 19.9 29.9

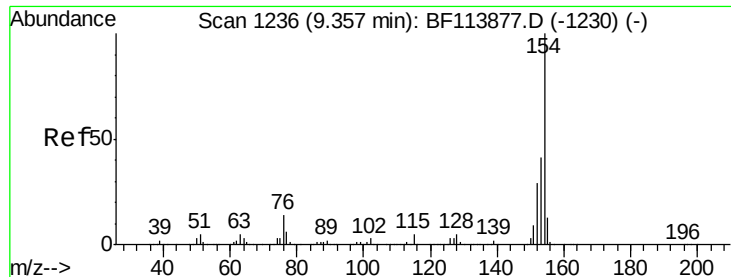


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 0.036 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF114078.D

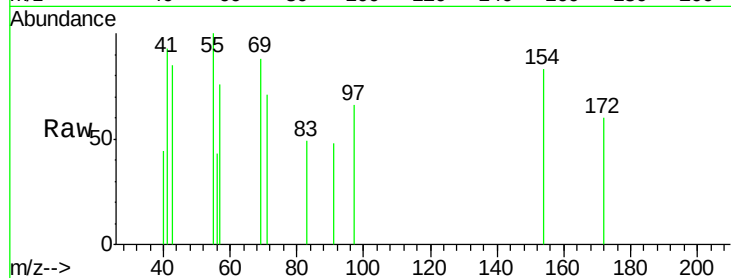
Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampled :

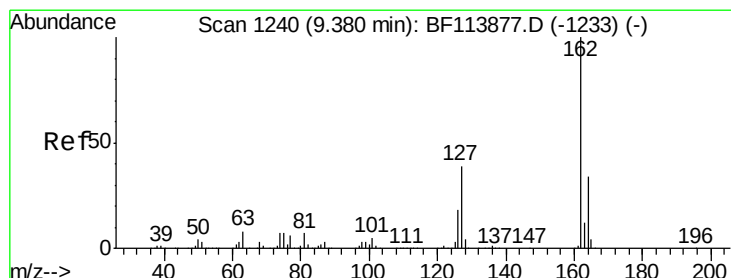
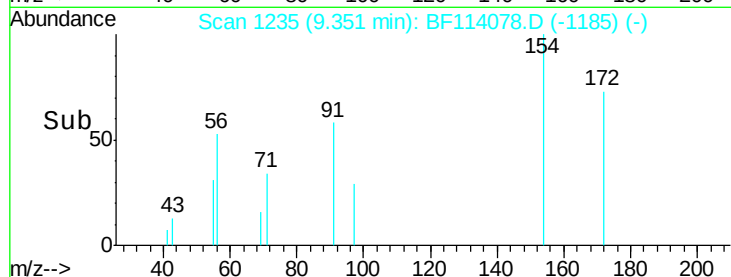
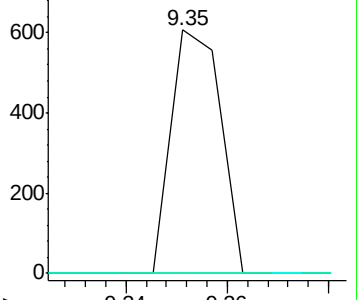
Tot Ion:	154	Resp:	410
Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.8	60.8#
76	0.0	0.0	35.2



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: 0.013 ng

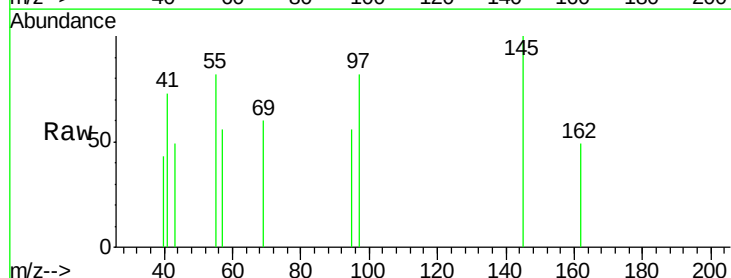
RT: 9.43 min Scan# 1248

Delta R.T. 0.05 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

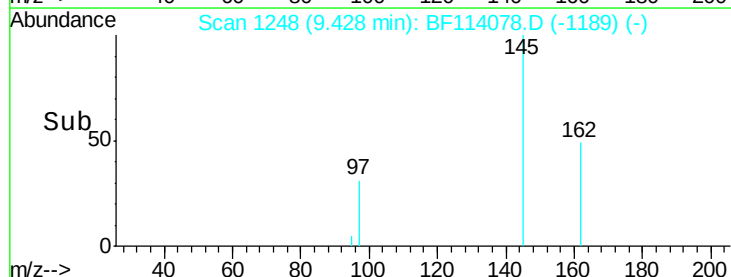
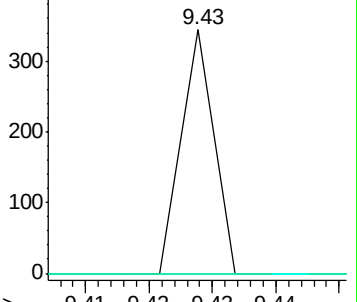
Tgt Ion:	162	Resp:	121
Ion	Ratio	Lower	Upper
162	100		
127	0.0	29.3	43.9#
164	0.0	27.1	40.7#

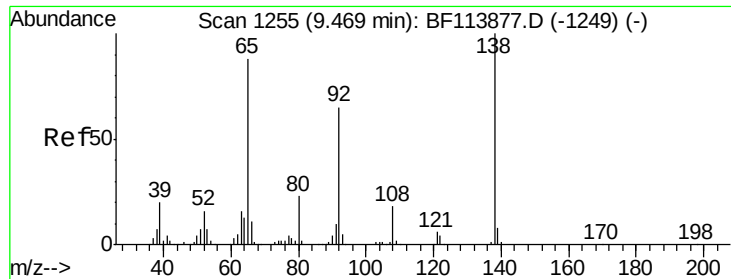


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

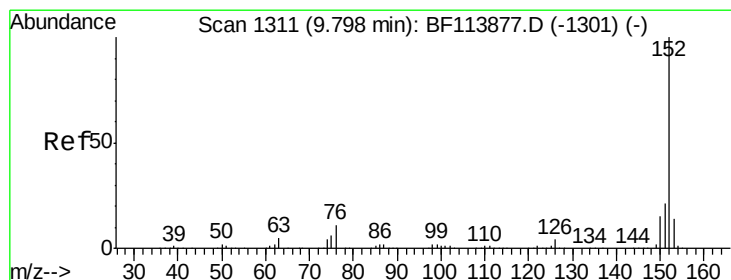
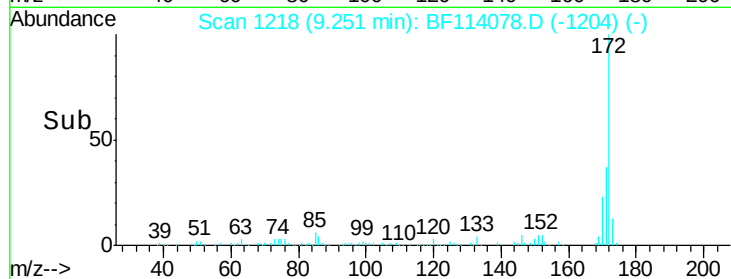
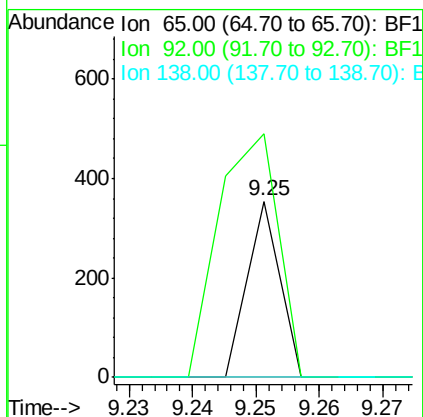
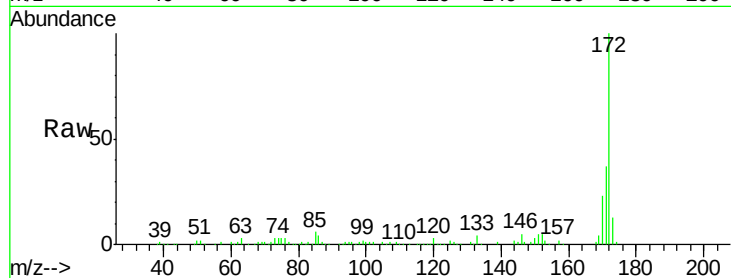




#48
2-Nitroaniline
Concen: 0.051 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.22 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

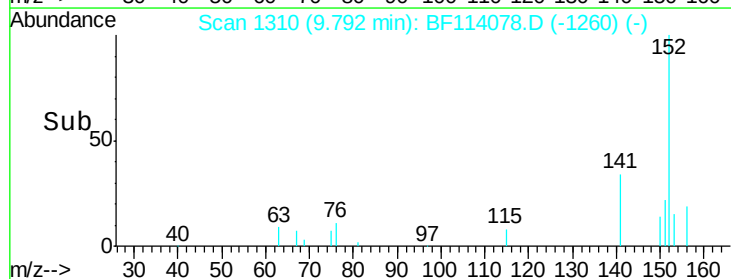
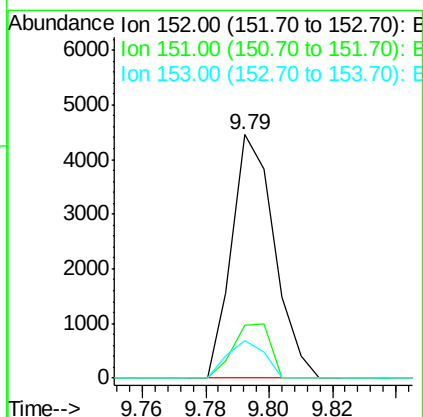
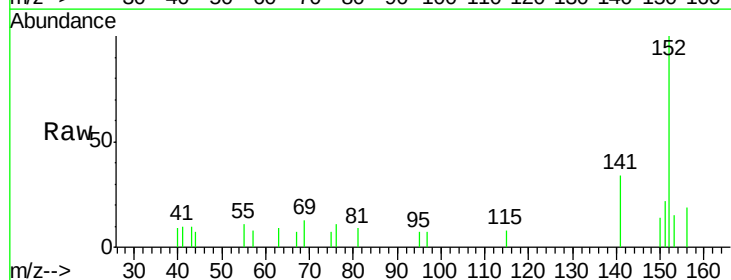
Instrument :
BNA_F
ClientSampleId :

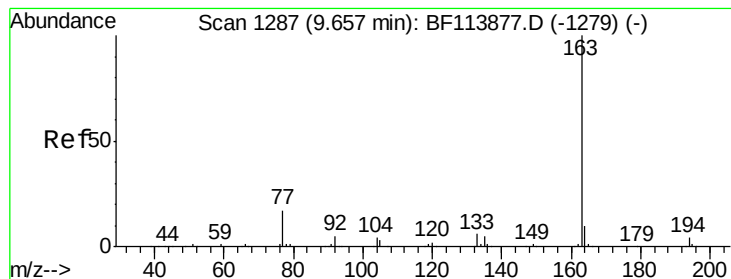
Tot Ion: 65 Resp: 125
Ion Ratio Lower Upper
65 100
92 138.4 57.4 86.0#
138 0.0 85.4 128.0#



#49
Acenaphthylene
Concen: 0.282 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion: 152 Resp: 4134
Ion Ratio Lower Upper
152 100
151 21.9 17.0 25.4
153 15.4 11.0 16.6





#50

Dimethylphthalate

Concen: 1.483 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

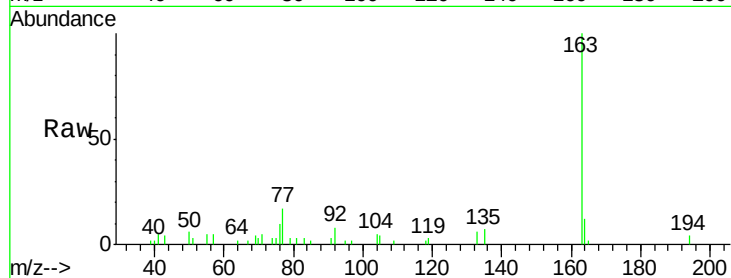
Tot Ion:163 Resp: 16193

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

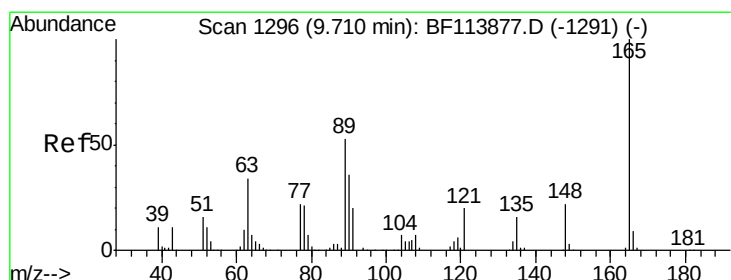
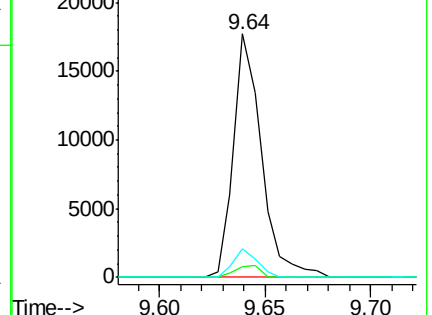
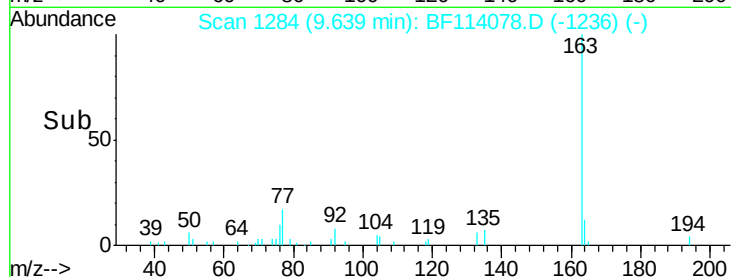
164 11.7 8.5 12.7



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: 8.530 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.22 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

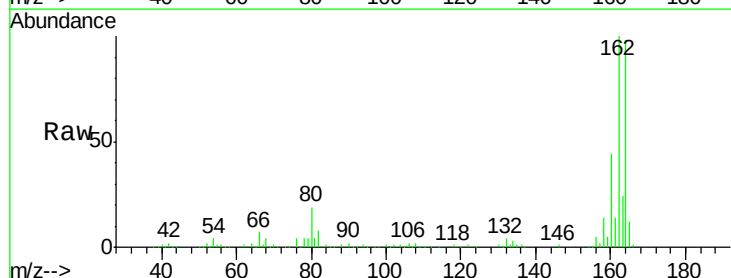
Tgt Ion:165 Resp: 19977

Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.8#

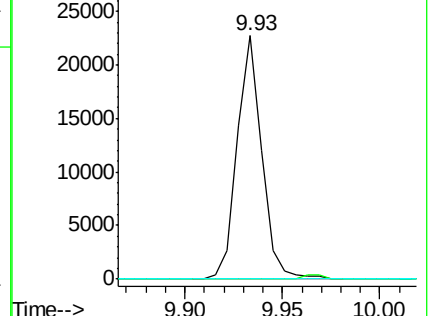
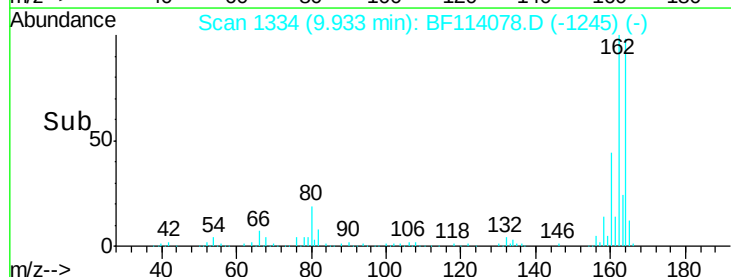
89 0.0 38.2 57.2#

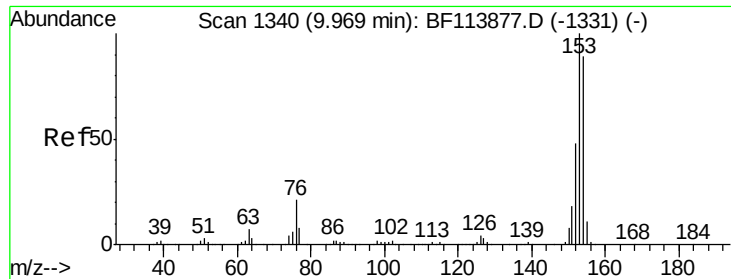


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.448 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

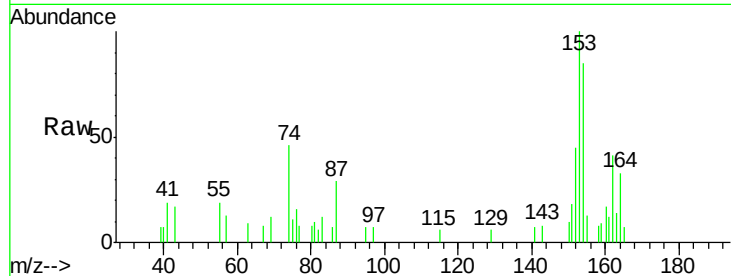
Tot Ion:154 Resp: 3884

Ion Ratio Lower Upper

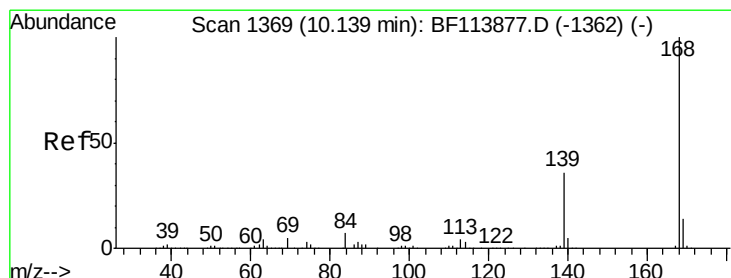
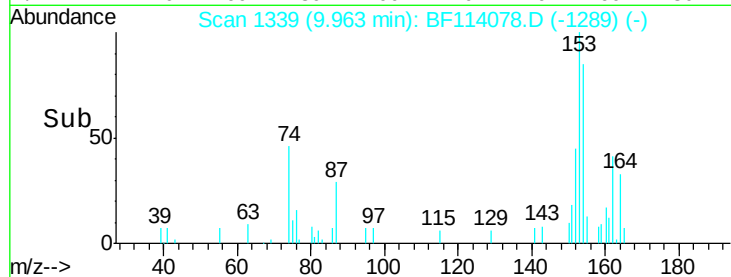
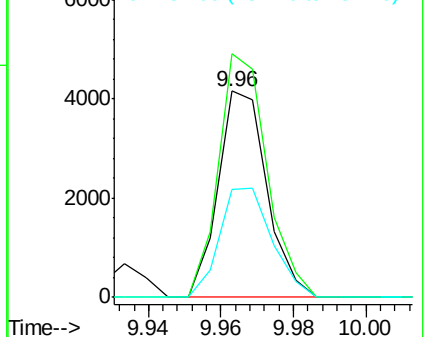
154 100

153 118.3 87.2 130.8

152 52.6 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



#55

Dibenzofuran

Concen: 0.099 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

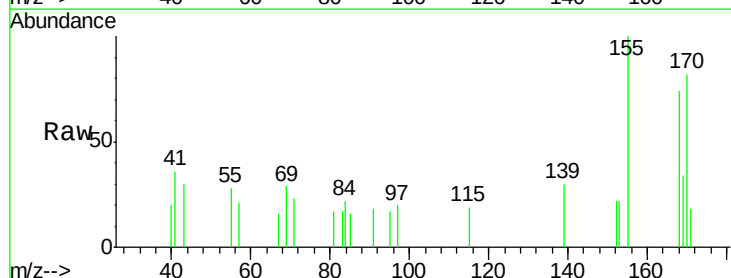
Tgt Ion:168 Resp: 1286

Ion Ratio Lower Upper

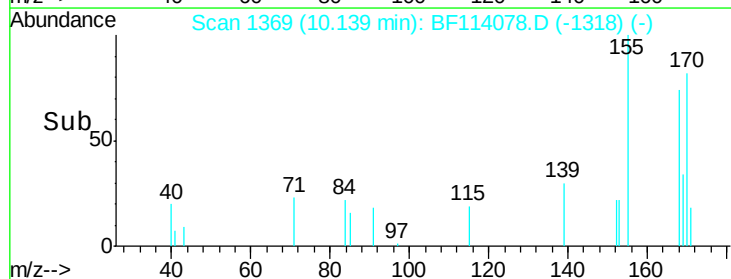
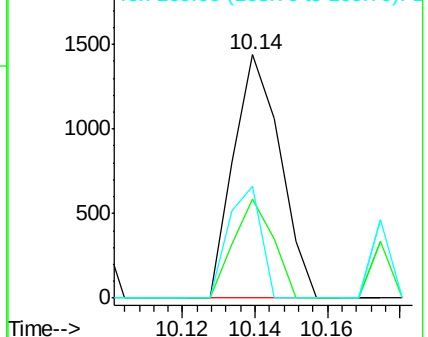
168 100

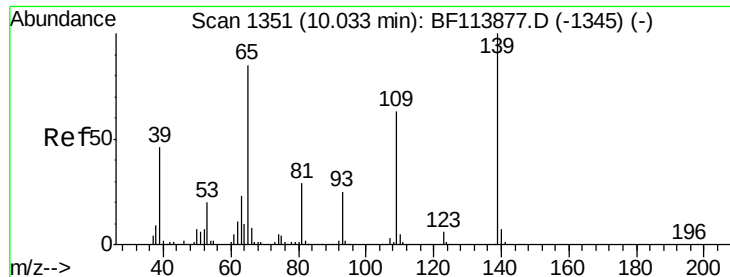
139 40.6 27.8 41.6

169 46.2 11.0 16.6#



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





#56

4-Nitrophenol

Concen: 0.227 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.11 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

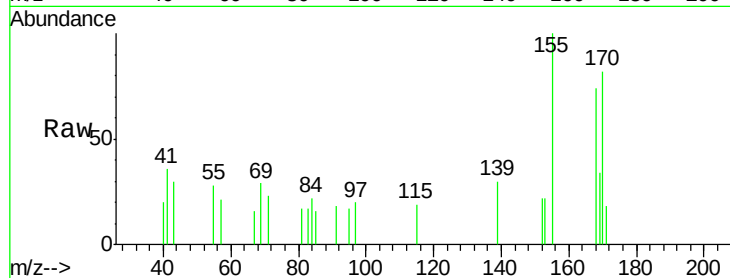
Tot Ion:139 Resp: 442

Ion Ratio Lower Upper

139 100

109 0.0 42.9 82.9#

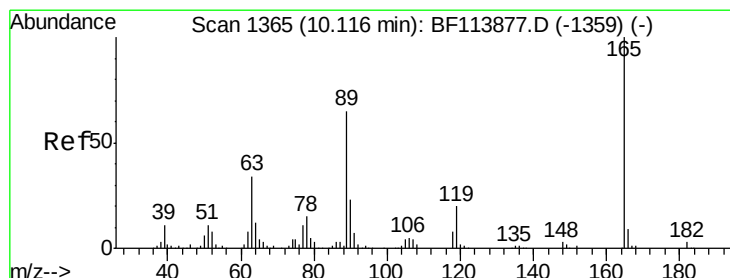
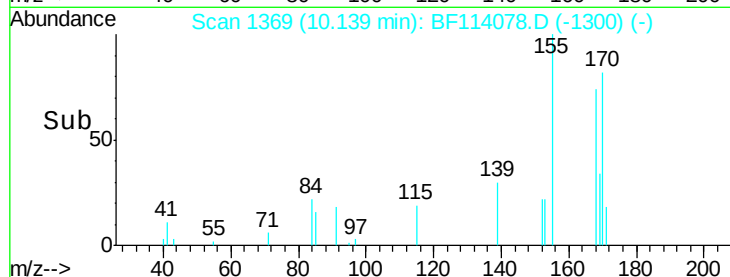
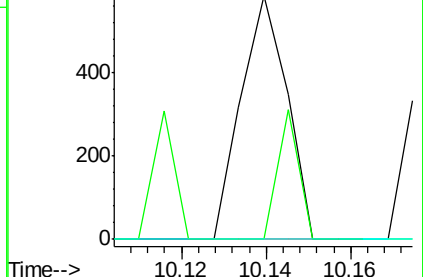
65 0.0 64.4 104.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.758 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.18 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Tgt Ion:165 Resp: 19977

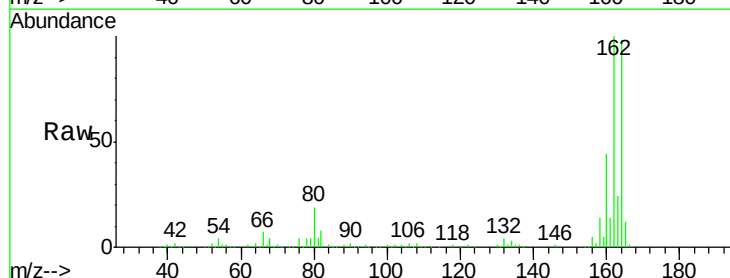
Ion Ratio Lower Upper

165 100

63 0.0 27.4 41.0#

89 0.0 51.8 77.6#

182 0.0 2.2 3.2#

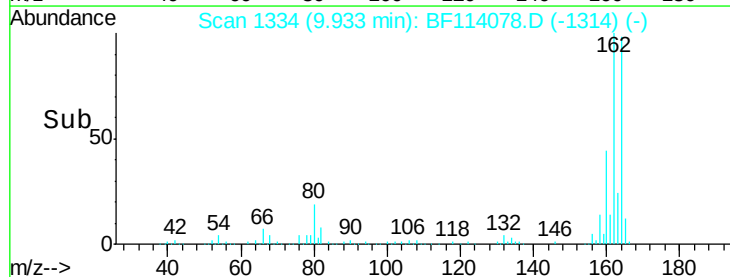
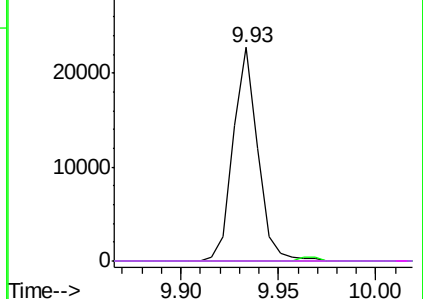


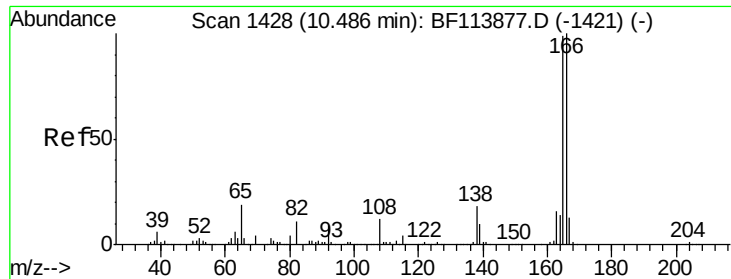
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.501 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

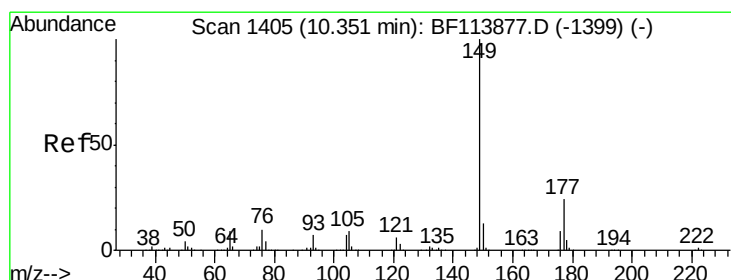
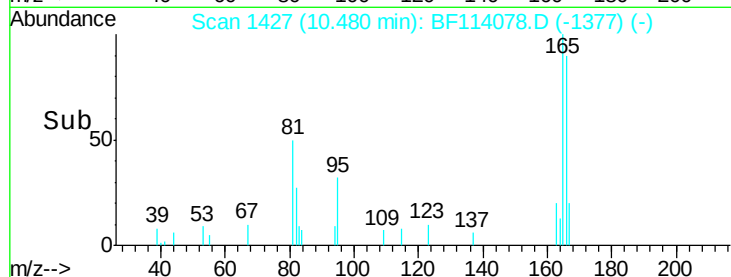
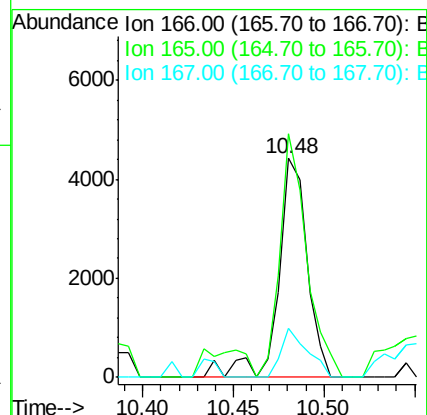
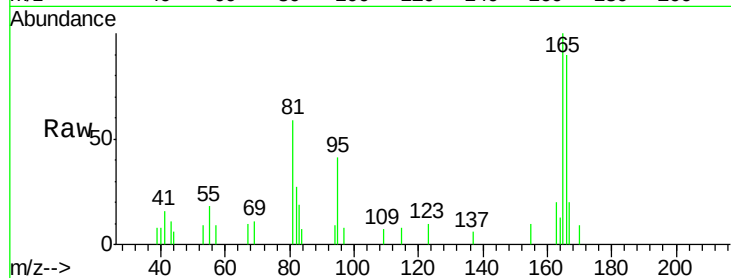
Tot Ion:166 Resp: 4903

Ion Ratio Lower Upper

166 100

165 111.1 78.4 117.6

167 22.6 10.9 16.3#



#60

Diethylphthalate

Concen: 0.015 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

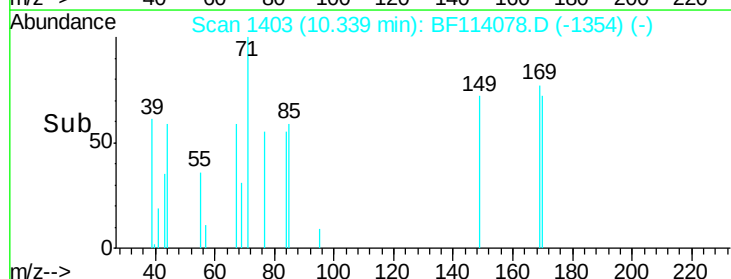
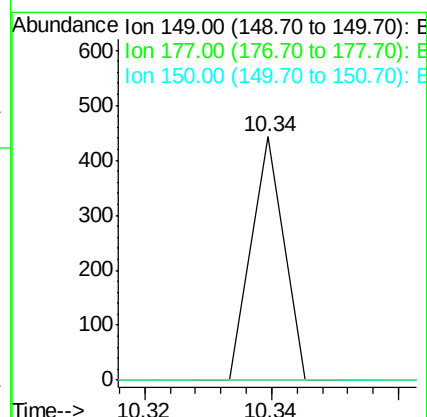
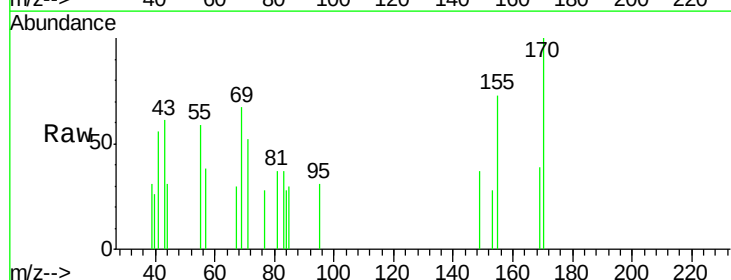
Tgt Ion:149 Resp: 156

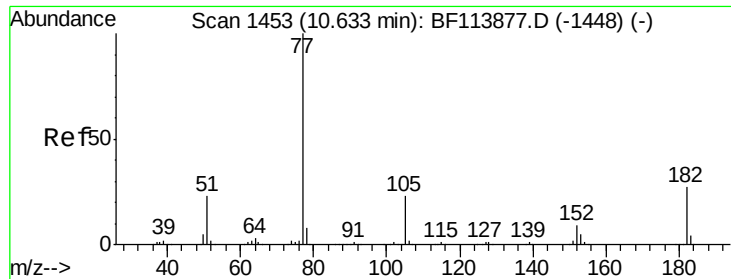
Ion Ratio Lower Upper

149 100

177 0.0 19.2 28.8#

150 0.0 10.3 15.5#

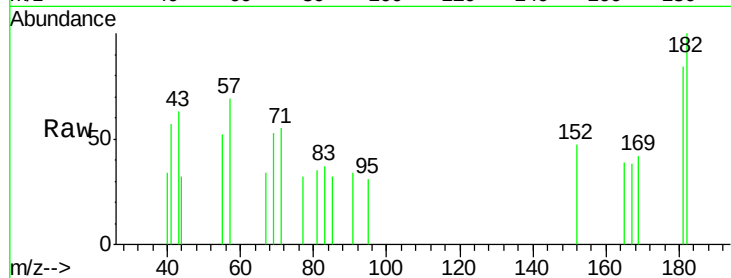




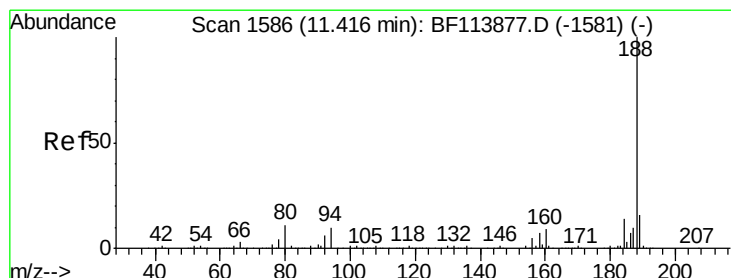
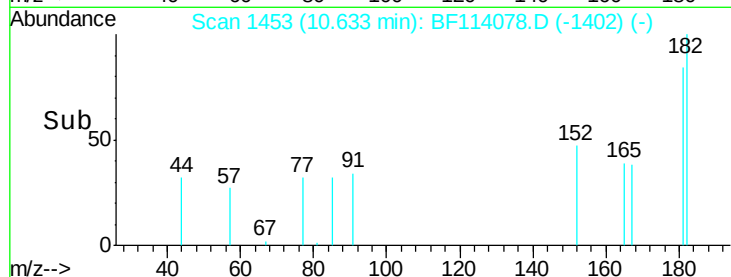
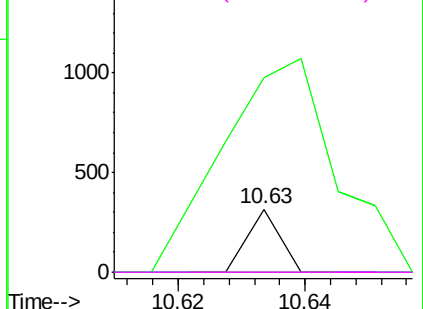
#63
Azobenzene
Concen: 0.011 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 112
Ion Ratio Lower Upper
77 100
182 308.5 4.4 44.4#
105 0.0 2.2 42.2#
51 0.0 3.9 43.9#

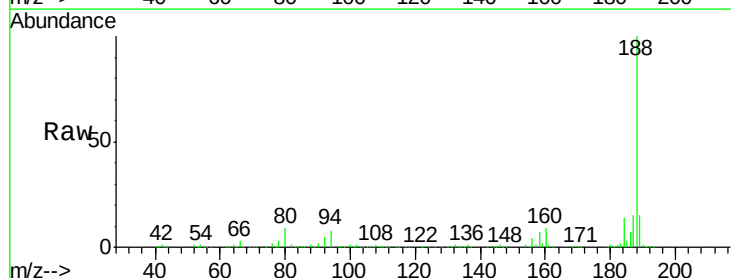


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

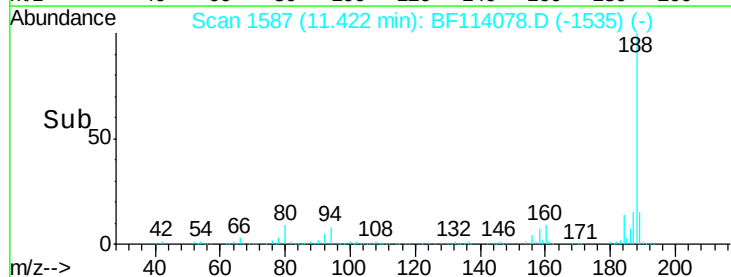
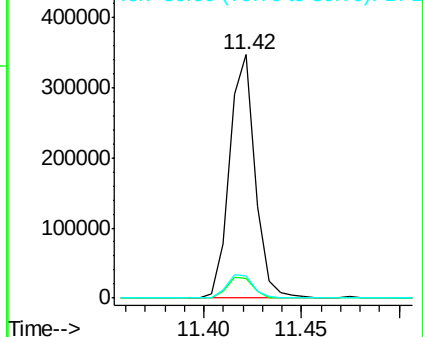


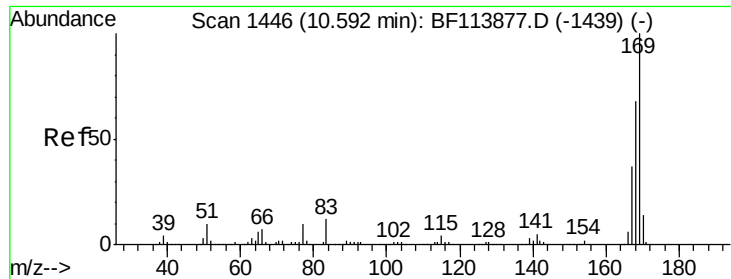
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion: 188 Resp: 315706
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.4#
80 9.1 9.0 13.6



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

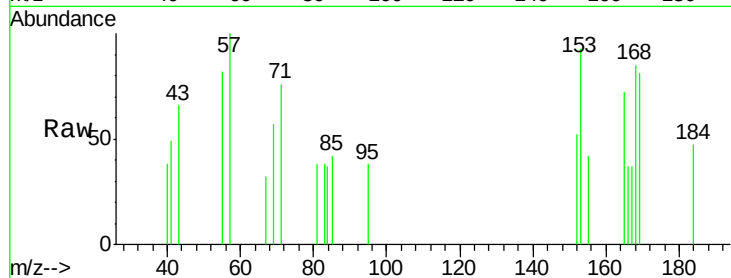




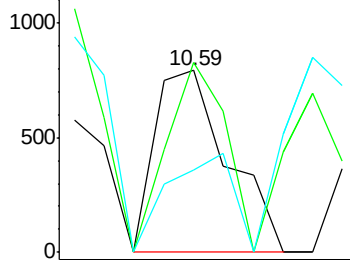
#66
 n-Nitrosodiphenylamine
 Concen: 0.084 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

Instrument :
 BNA_F
 ClientSampleId :

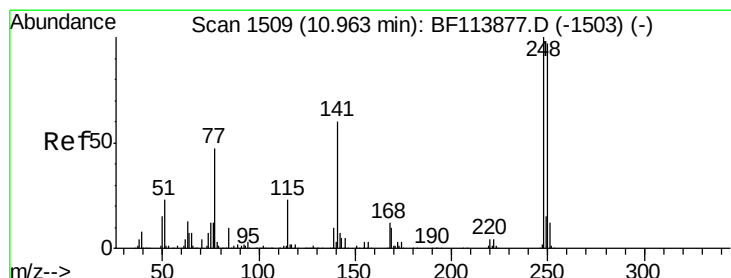
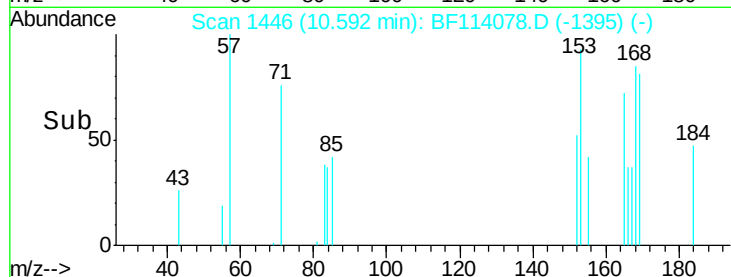
Tot Ion:169 Resp: 795
 Ion Ratio Lower Upper
 169 100
 168 104.3 54.3 81.5#
 167 45.0 29.4 44.0#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

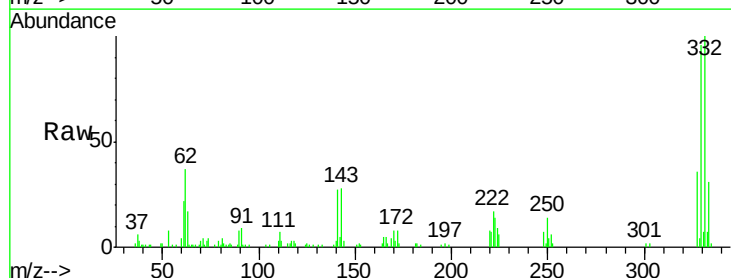


Time-->

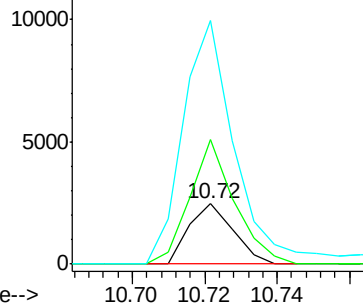


#67
 4-Bromophenyl-phenylether
 Concen: 0.549 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.24 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

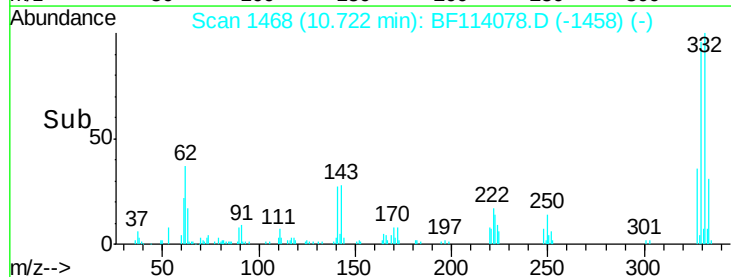
Tgt Ion:248 Resp: 2095
 Ion Ratio Lower Upper
 248 100
 250 263.8 75.8 113.6#
 141 404.4 50.2 75.4#

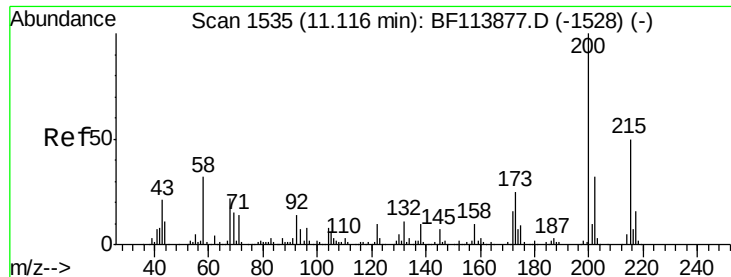


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->

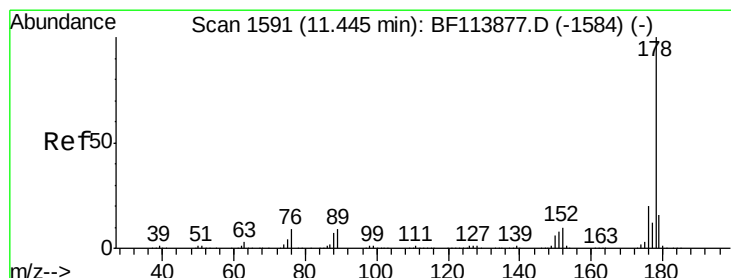
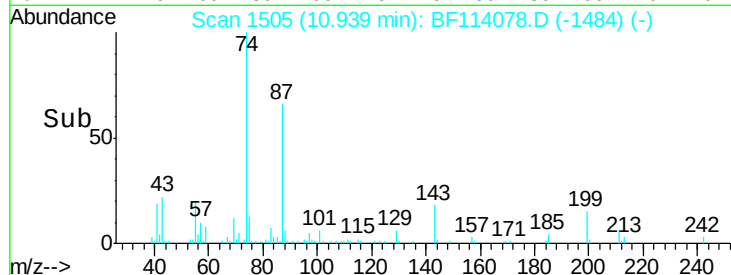
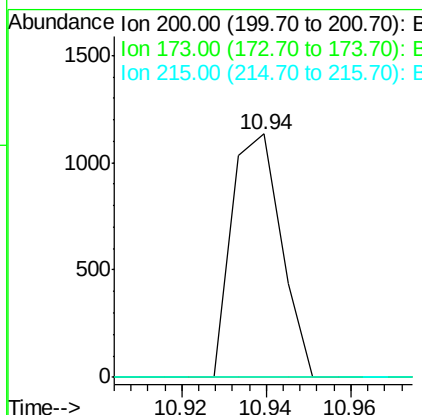
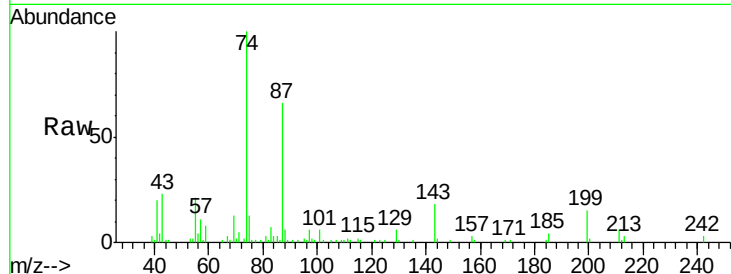




#69
 Atrazine
 Concen: 0.298 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.18 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

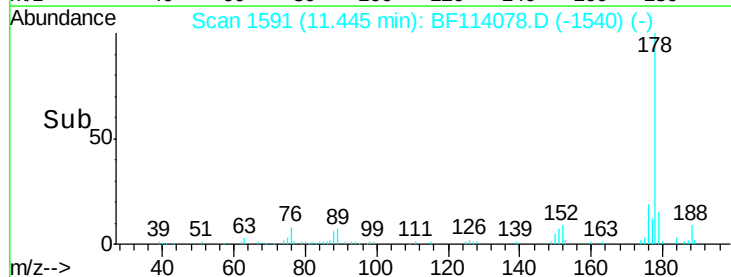
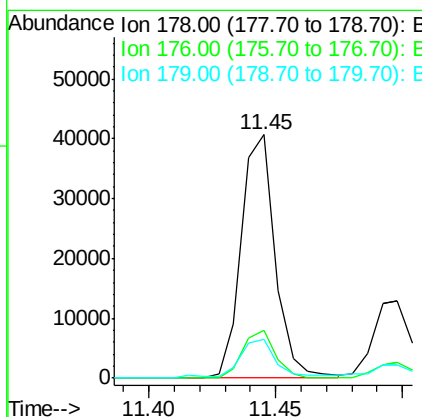
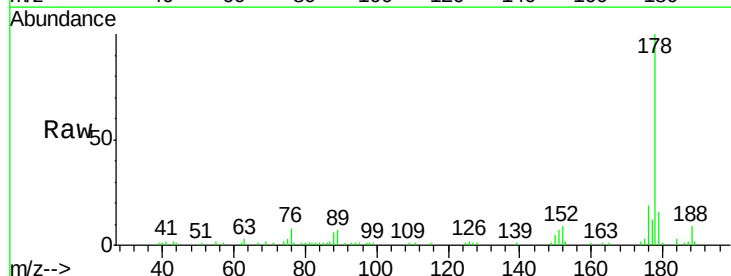
Instrument :
 BNA_F
 ClientSampled :

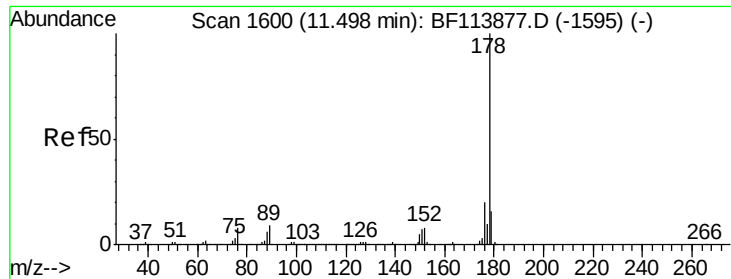
Tot Ion:200 Resp: 919
 Ion Ratio Lower Upper
 200 100
 173 0.0 5.9 45.9#
 215 0.0 29.3 69.3#



#71
 Phenanthrene
 Concen: 2.397 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

Tgt Ion:178 Resp: 38025
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.1 24.1
 179 16.2 12.8 19.2





#72

Anthracene

Concen: 0.804 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

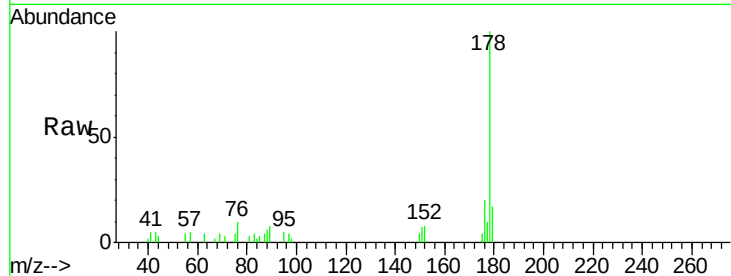
Tot Ion:178 Resp: 12877

Ion Ratio Lower Upper

178 100

176 20.3 15.7 23.5

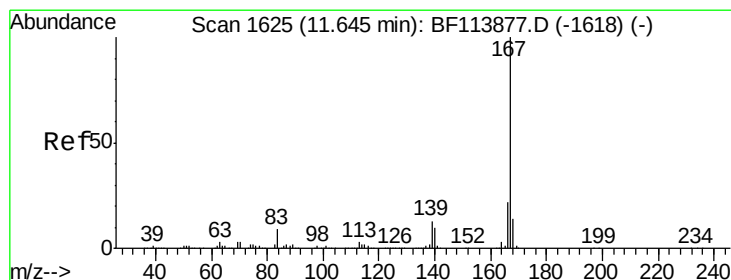
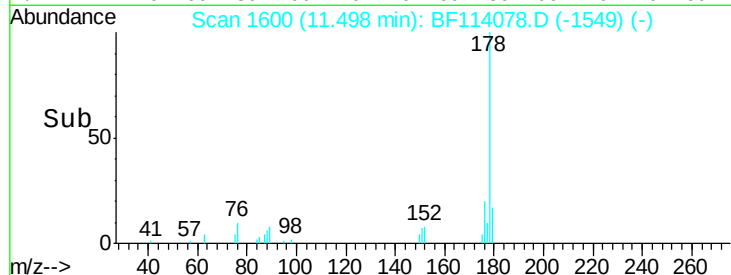
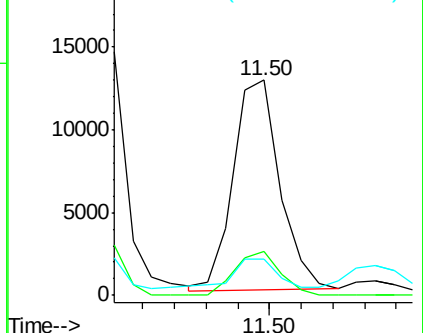
179 16.7 13.0 19.4



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: 0.099 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

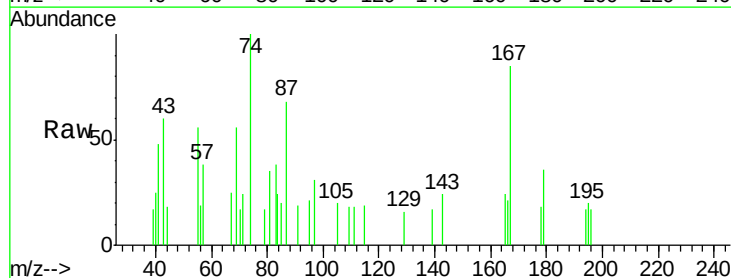
Tgt Ion:167 Resp: 1421

Ion Ratio Lower Upper

167 100

166 24.3 17.7 26.5

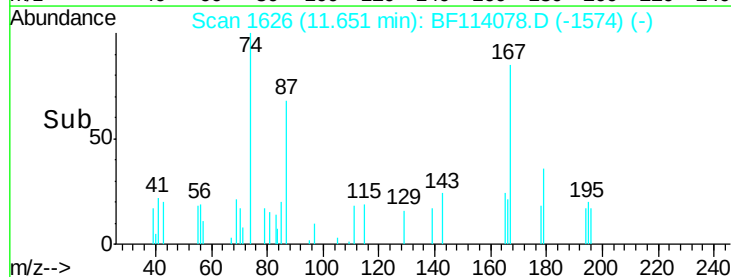
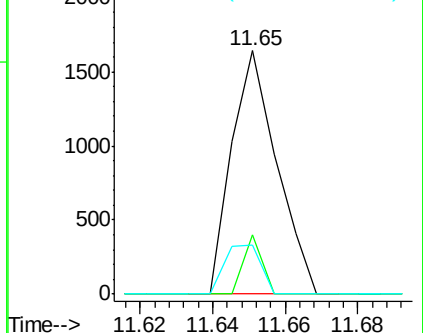
139 20.0 10.0 15.0#

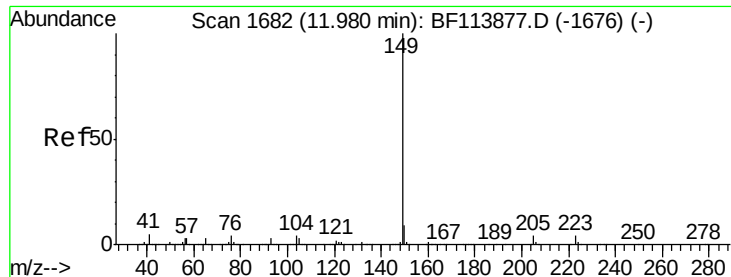


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

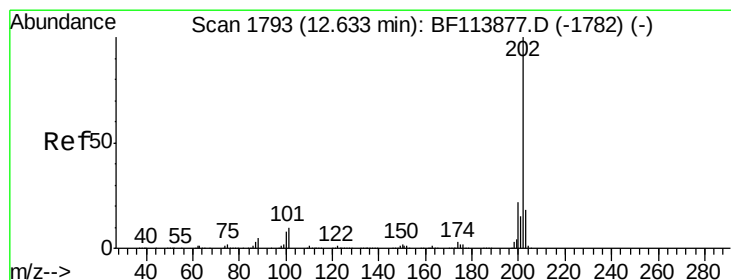
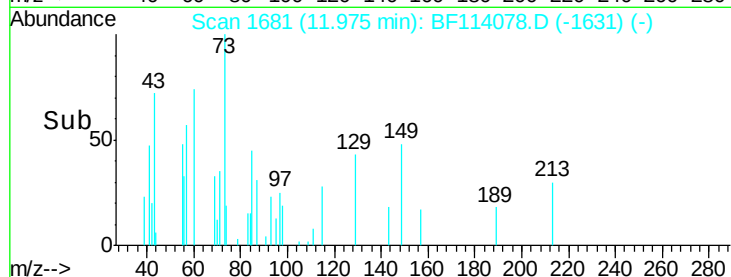
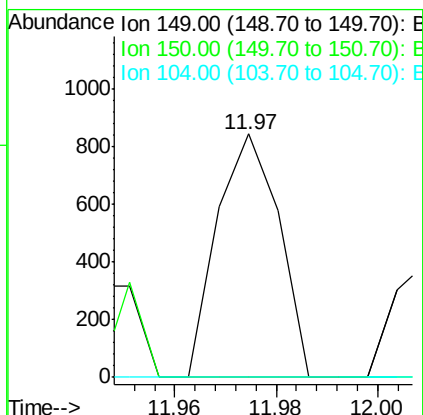
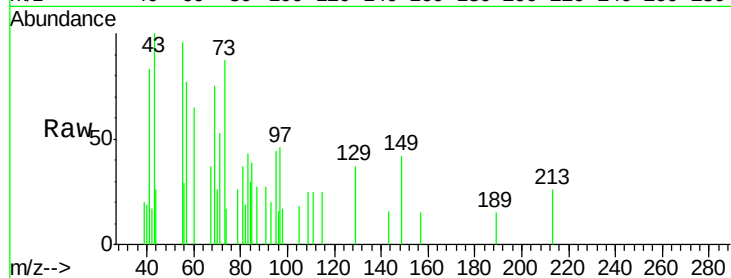




#74
Di-n-butylphthalate
Concen: 0.042 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

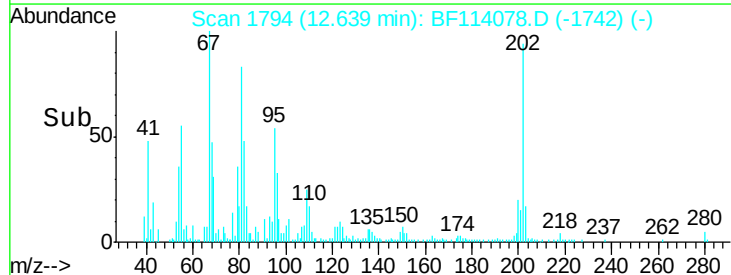
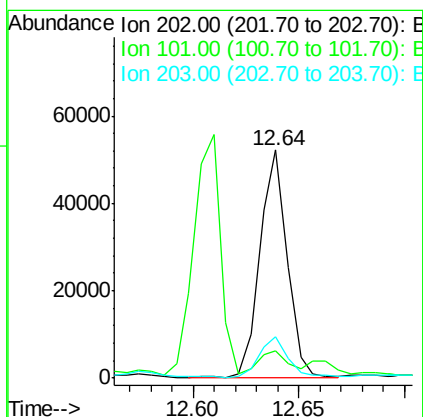
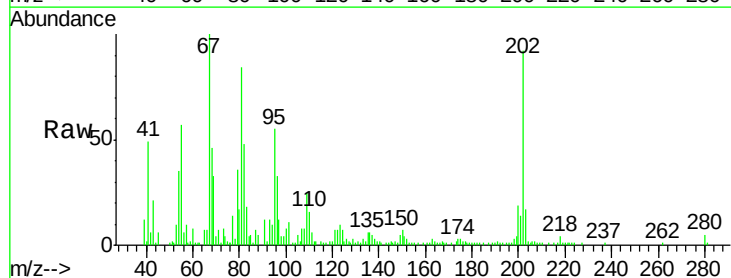
Instrument :
BNA_F
ClientSampleId :

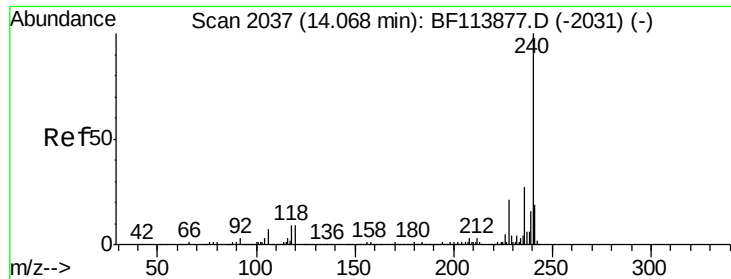
Tot Ion:149 Resp: 713
Ion Ratio Lower Upper
149 100
150 0.0 7.8 11.8#
104 0.0 3.8 5.8#



#75
Fluoranthene
Concen: 2.734 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:202 Resp: 47323
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.9
203 18.0 0.0 38.2

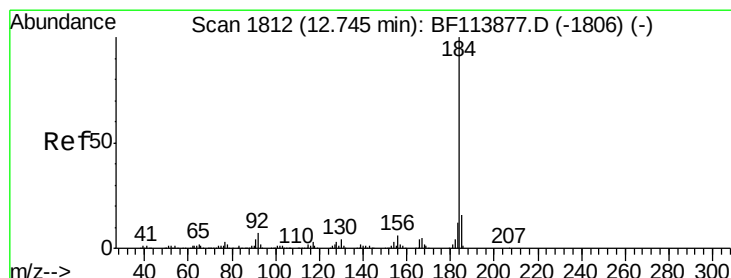
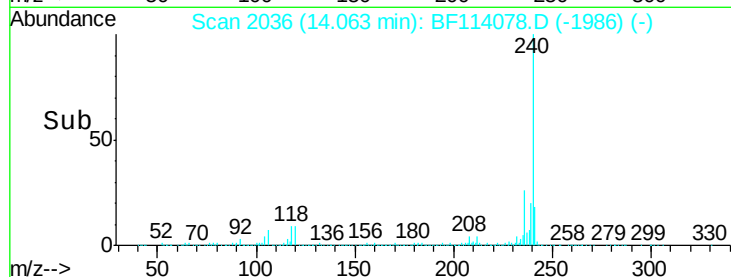
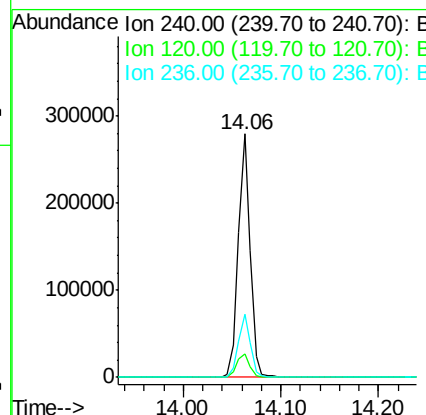
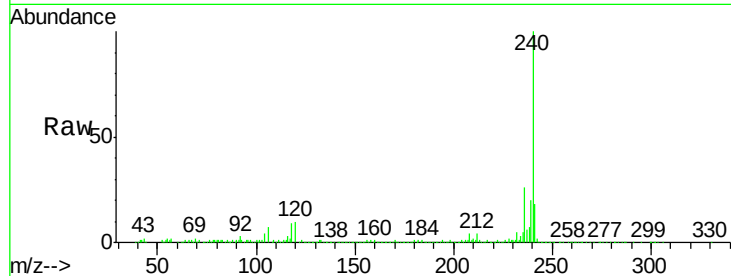




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

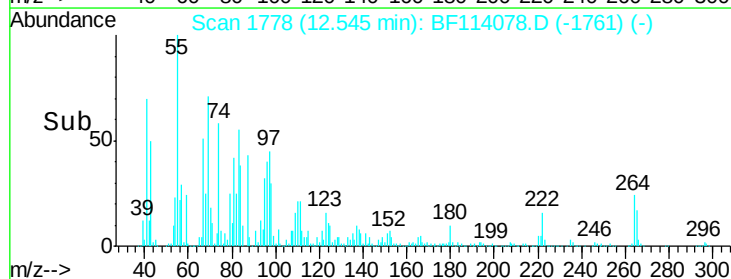
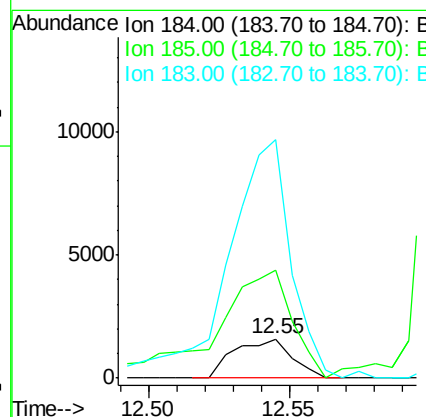
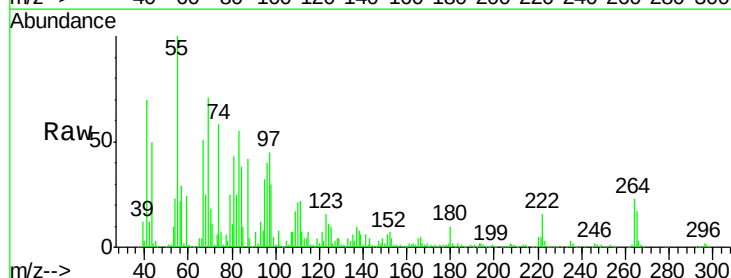
Instrument :
 BNA_F
 ClientSampleId :

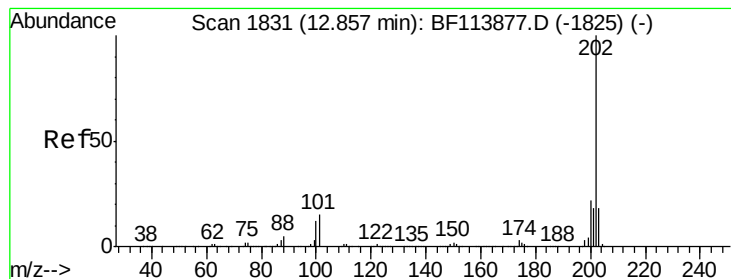
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.3	13.9
236	26.1	21.2	31.8



#77
 Benzidine
 Concen: 0.318 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. -0.20 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

Tgt Ion	Ratio	Lower	Upper
184	100		
185	276.2	13.0	19.6#
183	613.4	9.4	14.0#





#78

Pvrene

Concen: 3.382 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

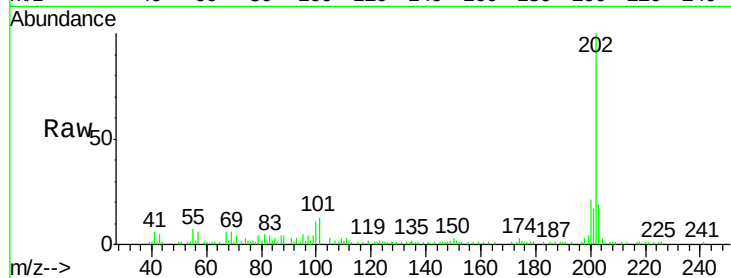
Tot Ion:202 Resp: 55881

Ion Ratio Lower Upper

202 100

200 20.7 17.7 26.5

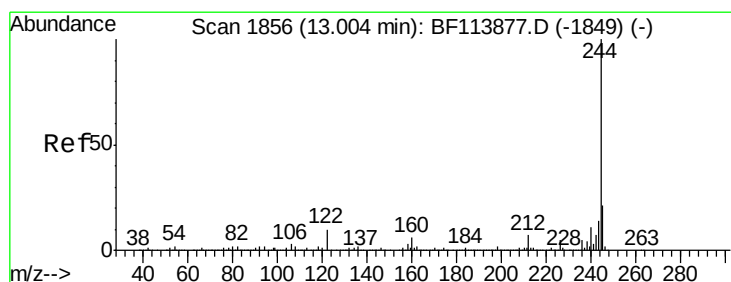
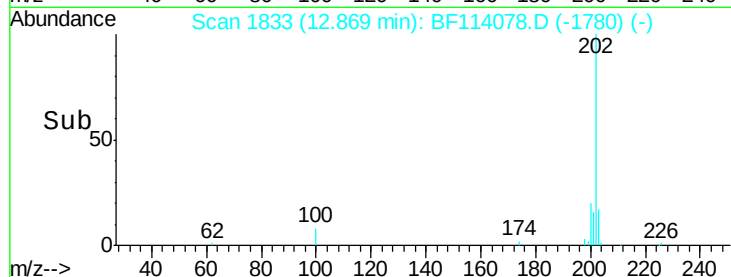
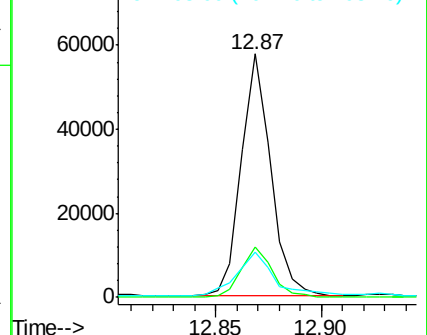
203 18.5 15.0 22.6



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: 15.966 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

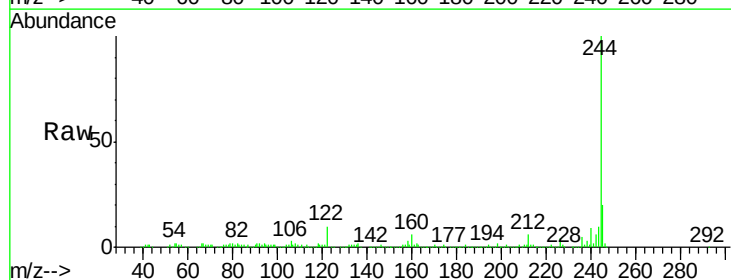
Tgt Ion:244 Resp: 183991

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.2

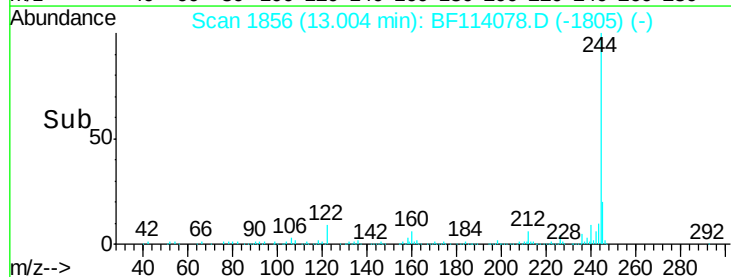
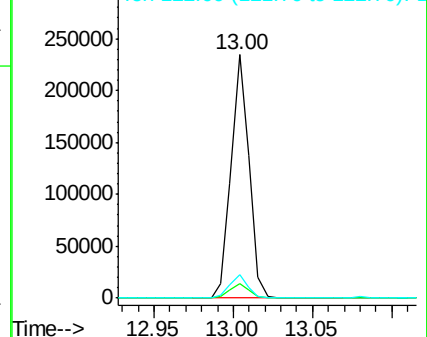
122 9.7 7.6 11.4

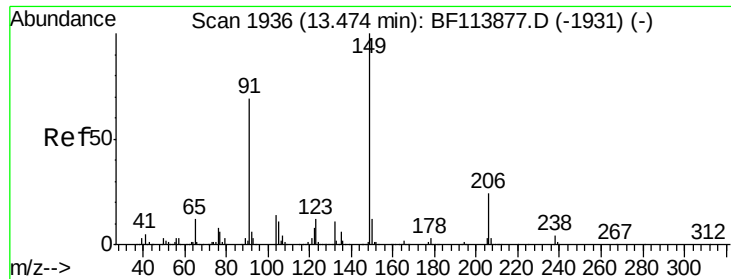


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

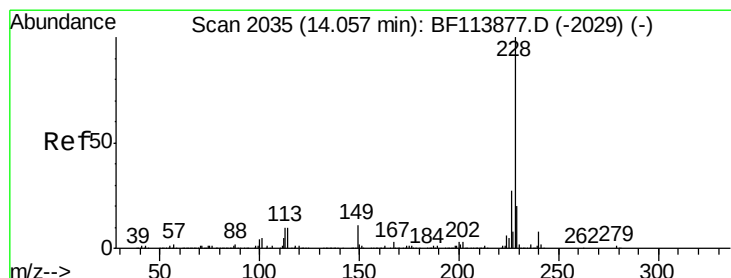
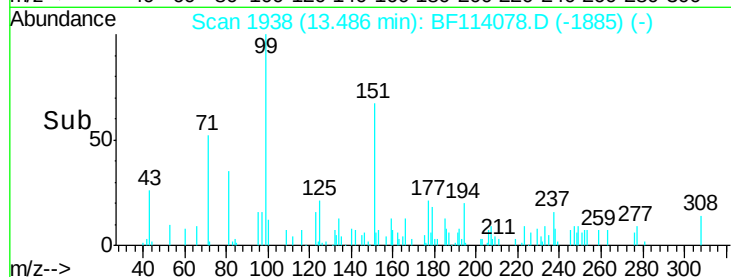
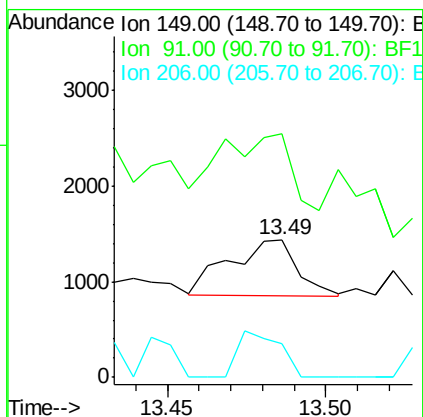
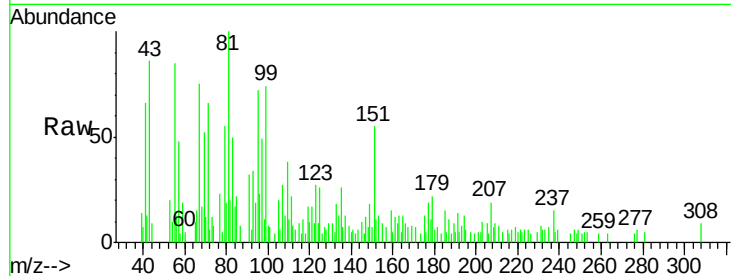




#80
Butylbenzylphthalate
Concen: 0.134 ng
RT: 13.49 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

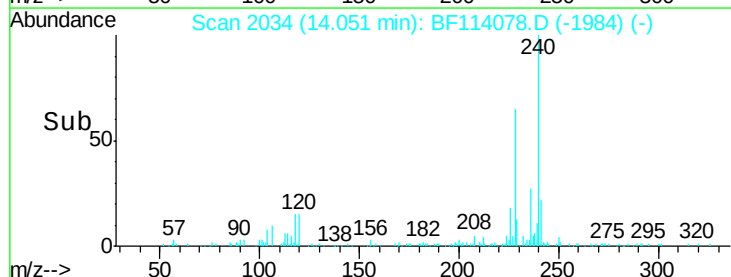
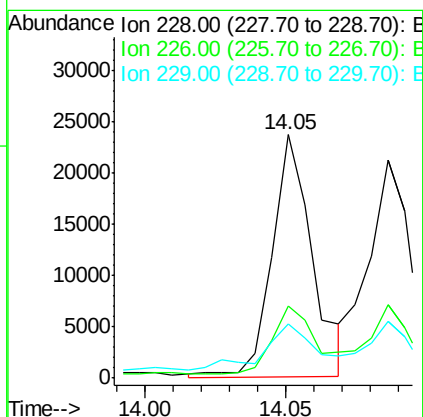
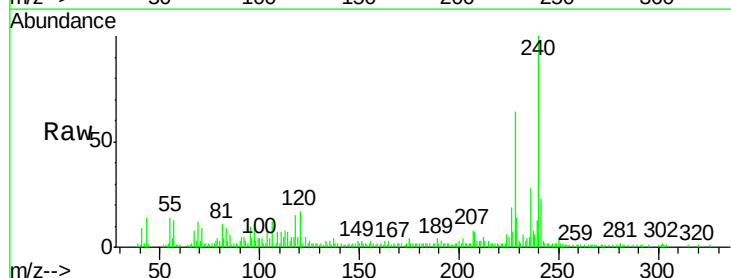
Instrument :
BNA_F
ClientSampled :

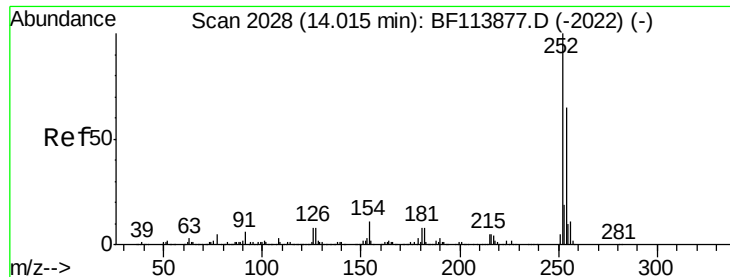
Tot Ion:149 Resp: 868
Ion Ratio Lower Upper
149 100
91 176.4 56.3 84.5#
206 24.4 19.0 28.6



#81
Benzo(a)anthracene
Concen: 1.676 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:228 Resp: 23325
Ion Ratio Lower Upper
228 100
226 29.6 22.2 33.2
229 22.4 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 0.041 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampled :

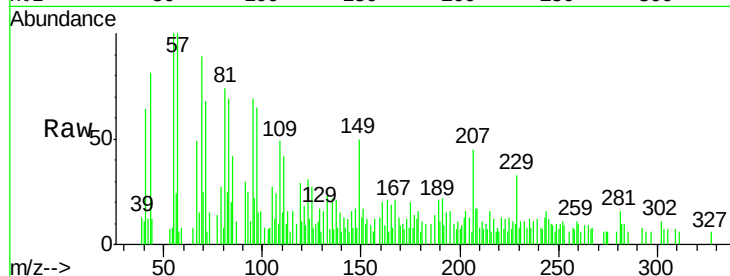
Tot Ion:252 Resp: 208

Ion Ratio Lower Upper

252 100

254 0.0 52.1 78.1#

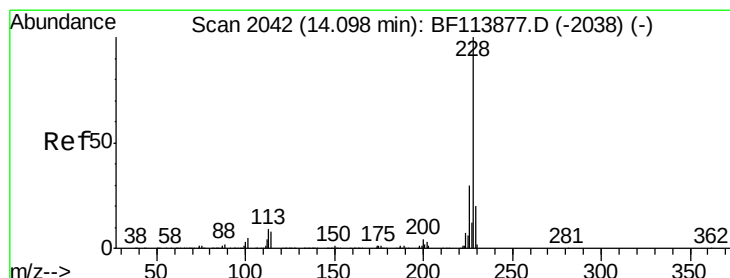
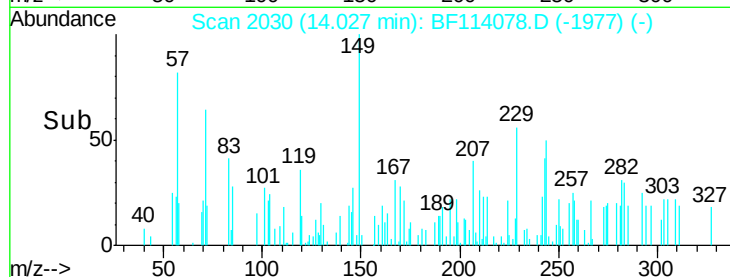
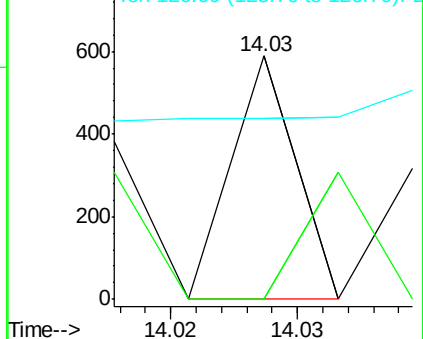
126 74.5 9.3 13.9#



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: 1.721 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.05 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

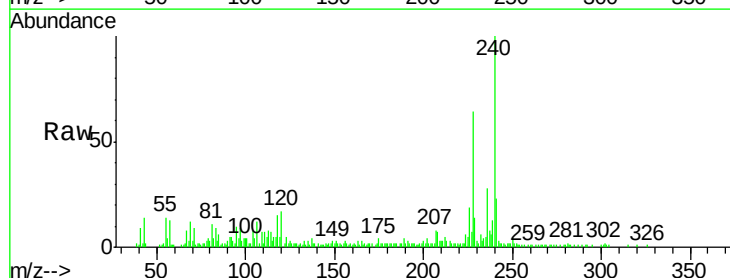
Tgt Ion:228 Resp: 23325

Ion Ratio Lower Upper

228 100

226 29.6 25.2 37.8

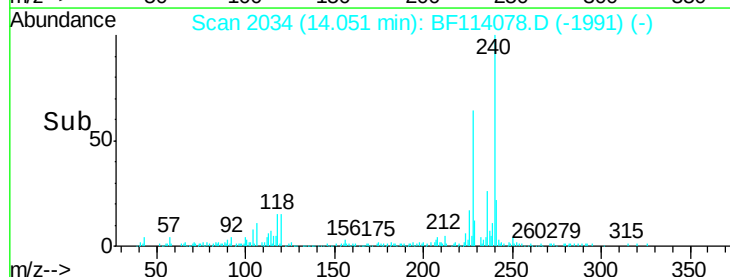
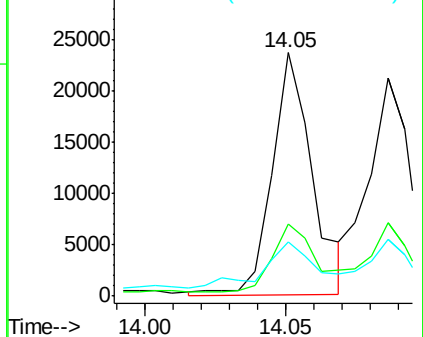
229 22.4 16.7 25.1

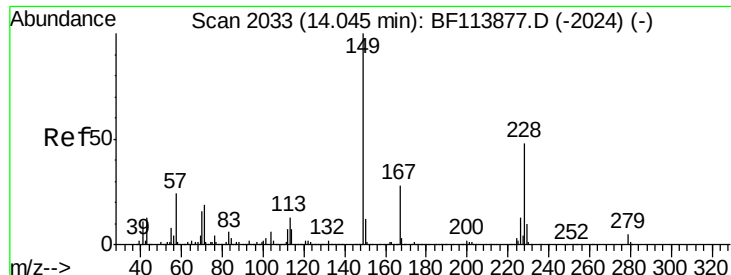


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.379 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

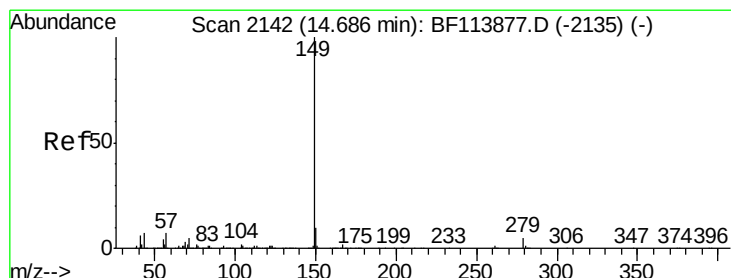
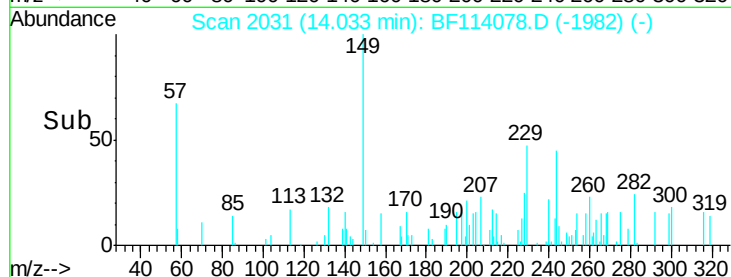
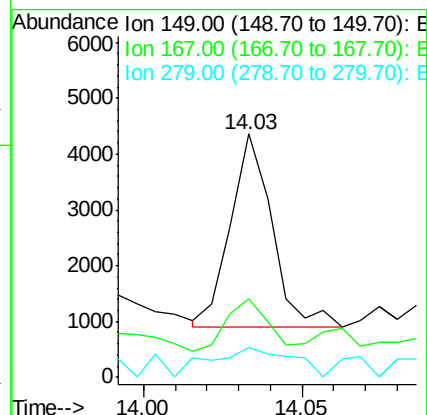
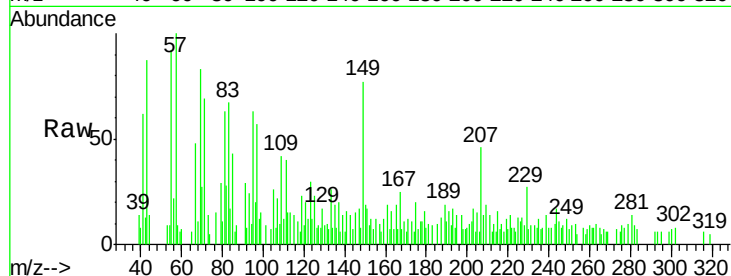
Tot Ion:149 Resp: 3136

Ion Ratio Lower Upper

149 100

167 32.4 22.9 34.3

279 12.4 4.2 6.2#



#85

Di-n-octyl phthalate

Concen: 0.027 ng

RT: 14.68 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

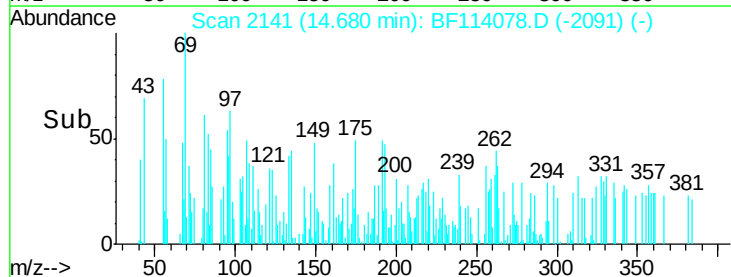
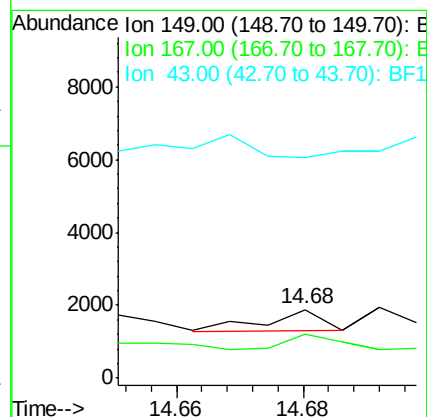
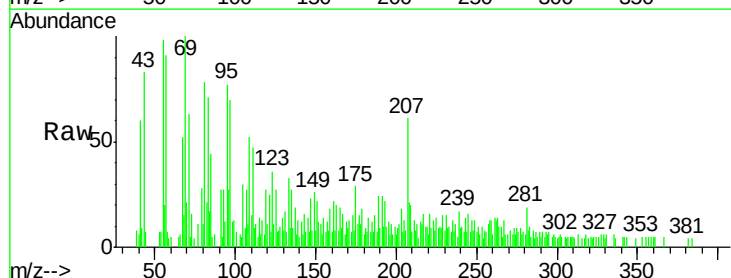
Tgt Ion:149 Resp: 350

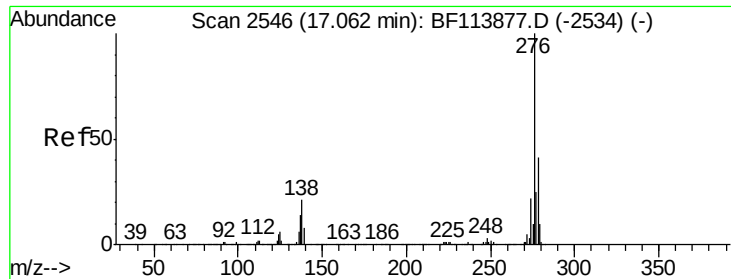
Ion Ratio Lower Upper

149 100

167 83.4 1.3 1.9#

43 0.0 6.6 10.0#

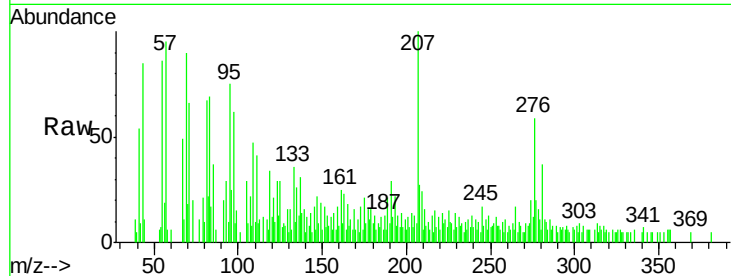




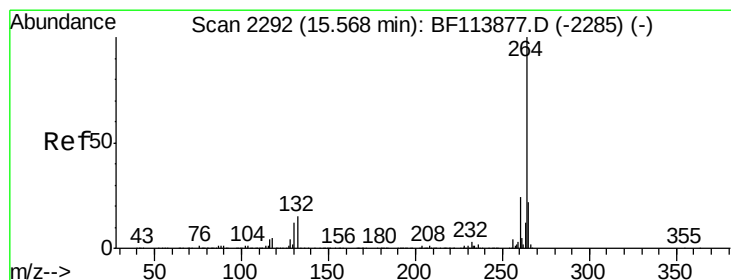
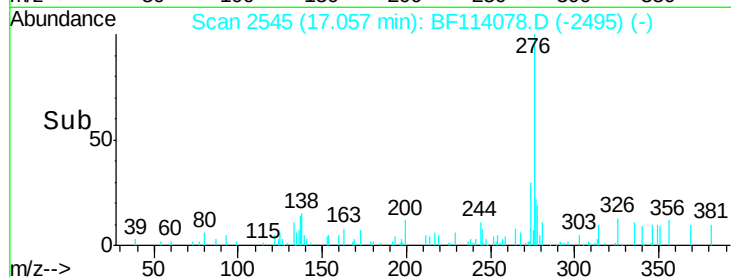
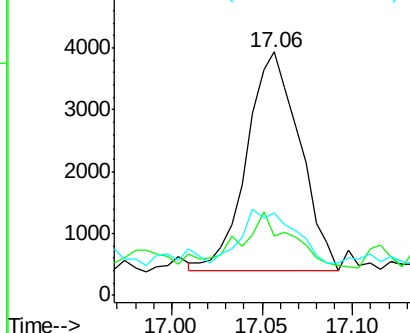
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.562 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.6	29.4
277	24.7	20.2	30.4

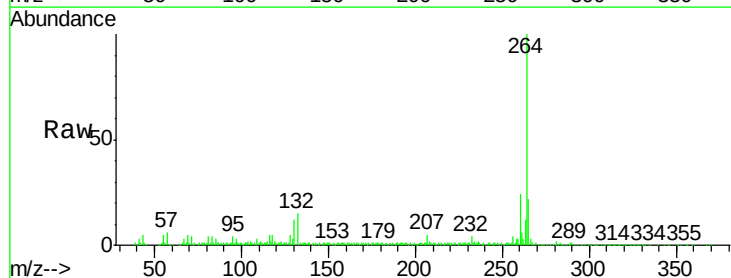


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

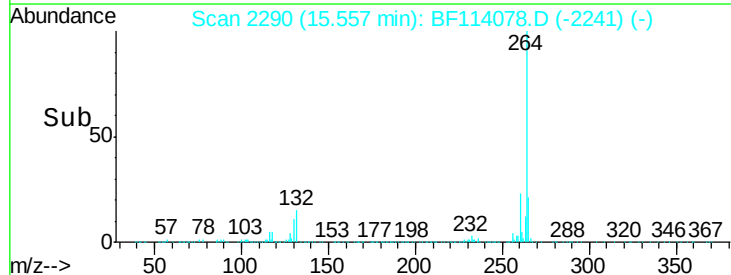
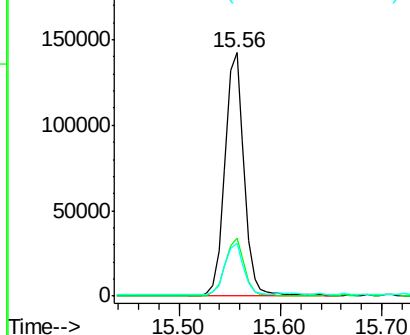


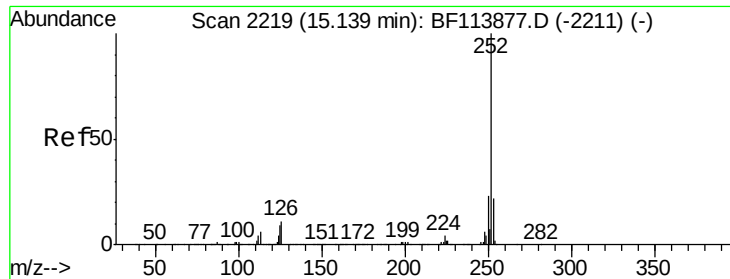
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.9	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

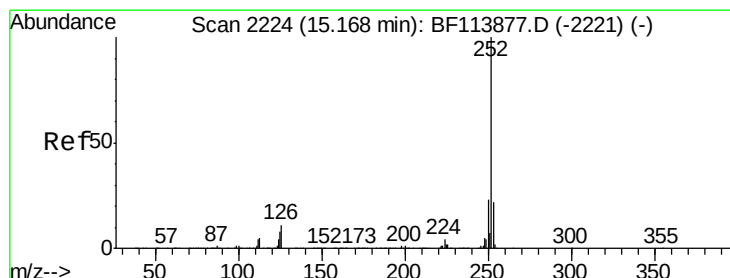
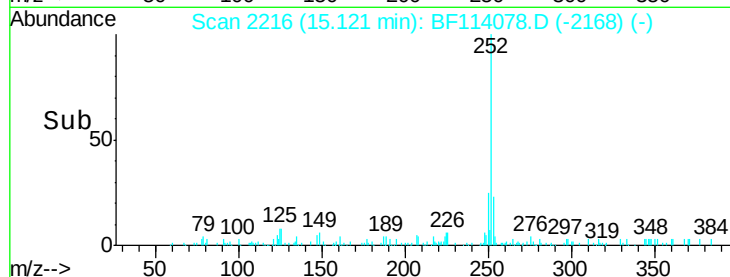
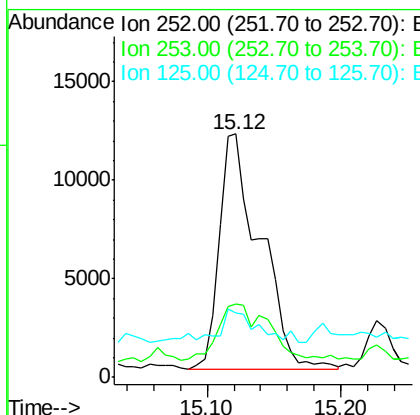
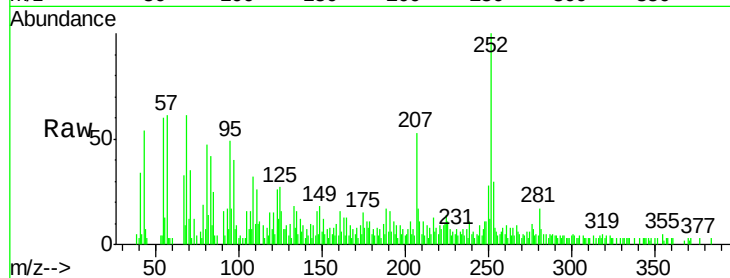




#88
Benzo(b)fluoranthene
Concen: 2.181 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

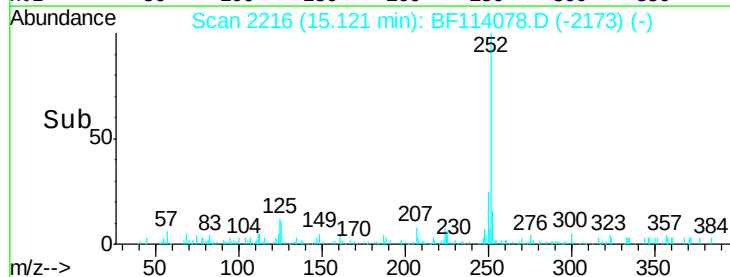
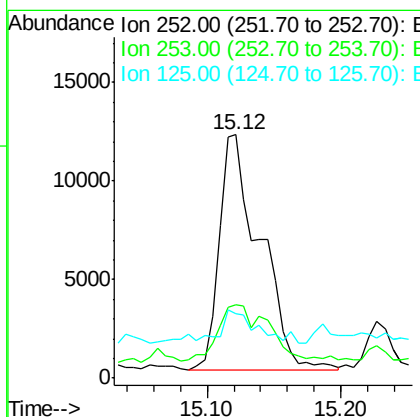
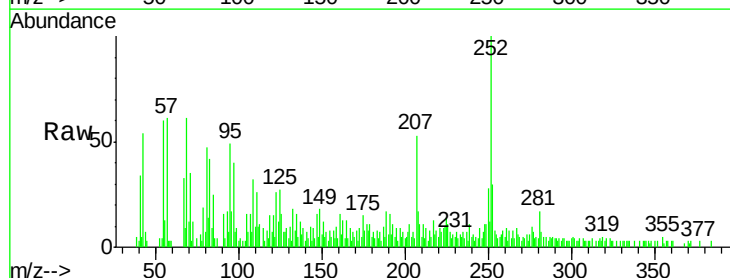
Instrument :
BNA_F
ClientSampleId :

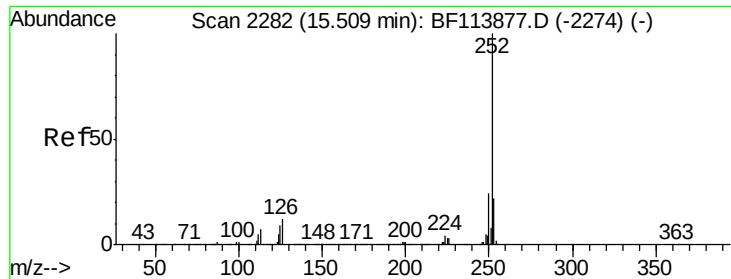
Tot Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.8	26.6#
125	26.5	7.0	10.6#



#89
Benzo(k)fluoranthene
Concen: 2.536 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	18.2	27.2#
125	26.5	7.4	11.2#

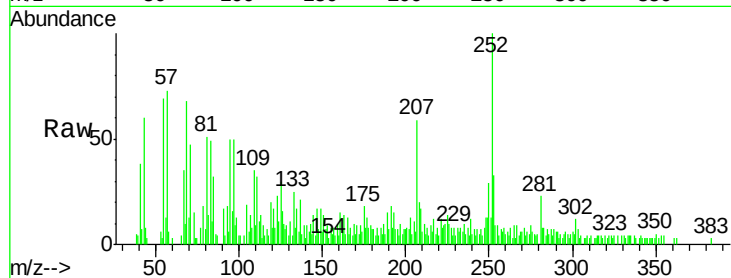




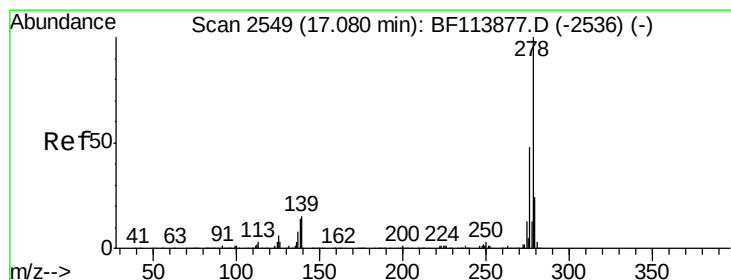
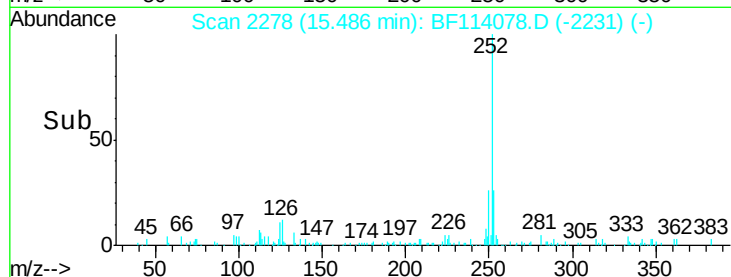
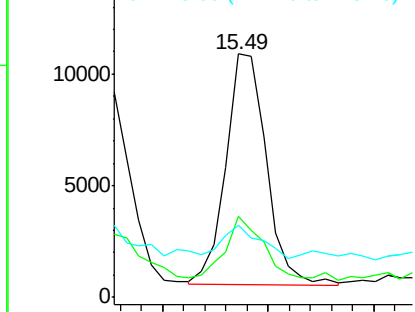
#90
Benzo(a)pyrene
Concen: 1.353 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.2	17.5	26.3#
125	29.7	8.5	12.7#

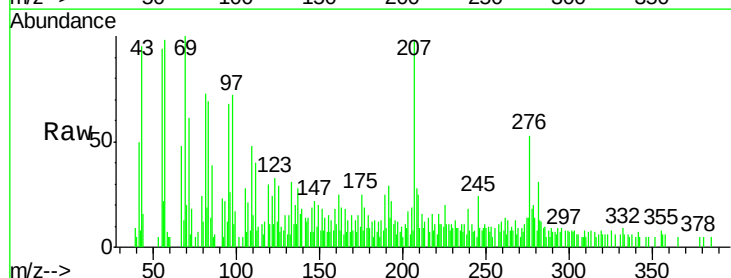


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

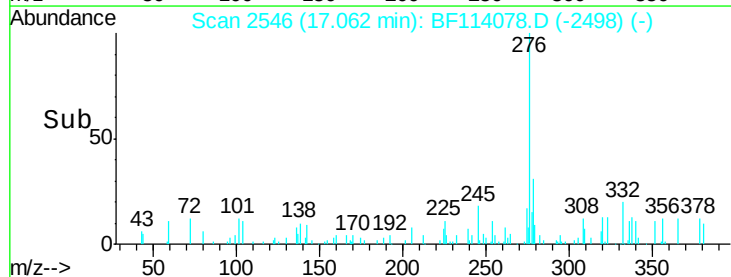
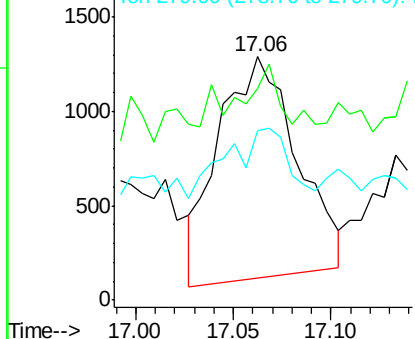


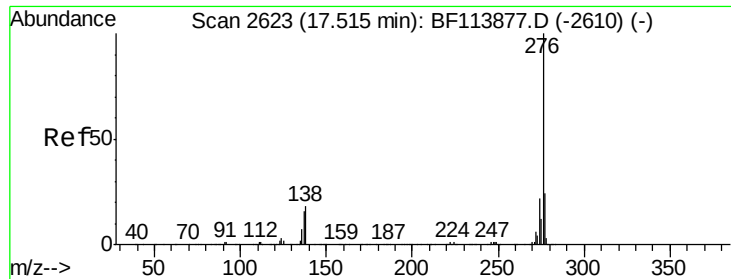
#91
Dibenzo(a,h)anthracene
Concen: 0.345 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	86.7	11.6	17.4#
279	69.3	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: 0.884 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	31.6	19.0	28.4#
138	25.1	16.6	25.0#

