

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104286.D
 Acq On : 5 Apr 2018 22:46
 Operator : JU/SJ
 Sample : J2227-02 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 01:11:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	87359	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	289574	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	145010	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	210349	20.00	ng	0.02
75) Chrysene-d12	14.14	240	181531	20.00	ng	0.00
86) Perylene-d12	15.68	264	198993	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	26073	4.76	ng	0.03
7) Phenol-d6	6.62	99	137951	20.47	ng	0.02
23) Nitrobenzene-d5	7.53	82	52585	11.11	ng	0.01
41) 2,4,6-Tribromophenol	10.80	330	32525	20.14	ng	0.01
44) 2-Fluorobiphenyl	9.31	172	158322	17.22	ng	0.00
78) Terphenyl-d14	13.07	244	149578	19.03	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.54	77	2063	Below Cal	#	1
18) Hexachloroethane	7.47	117	143208	59.097 ng	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	22987	5.747 ng	#	64
22) Acetophenone	7.40	105	37454	5.346 ng	#	55
24) Nitrobenzene	7.50	77	23606	4.738 ng	#	24
25) Isophorone	7.75	82	57304	6.567 ng	#	1
26) 2-Nitrophenol	7.88	139	6944	2.670 ng	#	1
27) 2,4-Dimethylphenol	7.87	122	9089	2.423 ng	#	1
28) bis(2-Chloroethoxy)methane	7.98	93	13573	2.482 ng	#	1
29) 2,4-Dichlorophenol	8.12	162	21142	5.397 ng	#	48
31) Naphthalene	8.27	128	90741	6.414 ng	#	1
35) Caprolactam	8.67	113	9284	7.474 ng	#	1
37) 2-Methylnaphthalene	9.05	142	708510	76.033 ng	#	84
45) 1,1'-Biphenyl	9.42	154	229451	18.436 ng	#	99
47) 2-Nitroaniline	9.59	65	9297	3.321 ng	#	49
48) Acenaphthylene	9.86	152	48688	3.274 ng	#	1
50) 2,6-Dinitrotoluene	9.75	165	7254	2.945 ng	#	84
51) Acenaphthene	10.03	154	140464	16.326 ng	#	70
52) 3-Nitroaniline	9.97	138	6244	2.205 ng	#	49
53) 2,4-Dinitrophenol	10.17	184	1612	6.967 ng	#	1
54) Dibenzofuran	10.22	168	95371	7.591 ng	#	42
55) 4-Nitrophenol	10.15	139	12091	7.122 ng	#	30
56) 2,4-Dinitrotoluene	10.20	165	31844	10.131 ng	#	55
57) Fluorene	10.56	166	212864	20.538 ng	#	85
60) 4-Chlorophenyl-phenylether	10.47	204	11502	2.416 ng	#	1
61) 4-Nitroaniline	10.46	138	9583	3.617 ng	#	87
65) n-Nitrosodiphenylamine	10.66	169	456819	64.125 ng	#	57
68) Atrazine	11.18	200	15443	7.076 ng	#	51
70) Phenanthrene	11.53	178	708766	62.235 ng	#	95
71) Anthracene	11.58	178	87394	7.347 ng	#	45
72) Carbazole	11.76	167	27960	2.463 ng	#	1
74) Fluoranthene	12.72	202	35736	2.952 ng	#	52
77) Pyrene	12.95	202	222794	17.073 ng	#	75
82) Chrysene	14.17	228	106247	9.550 ng	#	55

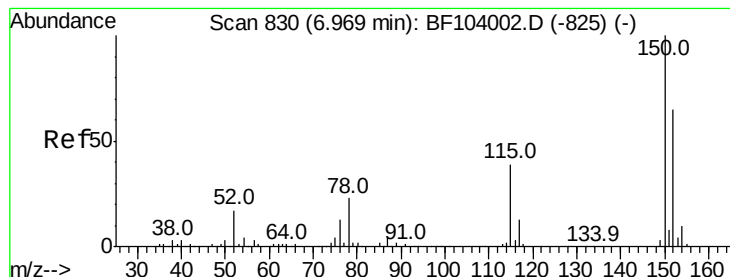
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
Data File : BF104286.D
Acq On : 5 Apr 2018 22:46
Operator : JU/SJ
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

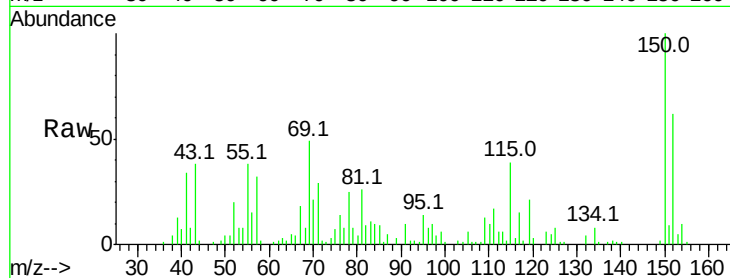


#1

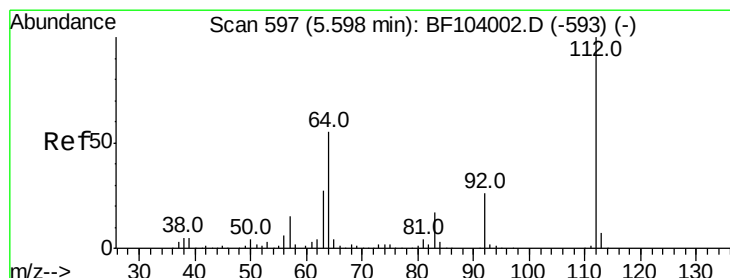
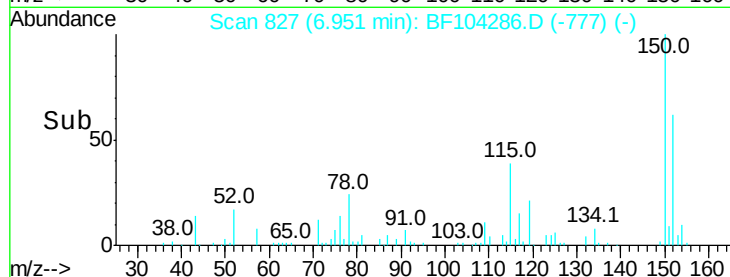
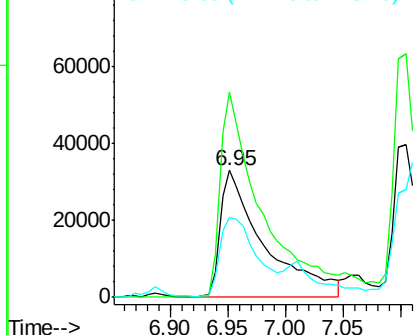
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 87359
Ion Ratio Lower Upper
152 100
150 161.6 124.6 186.8
115 62.6 50.1 75.1



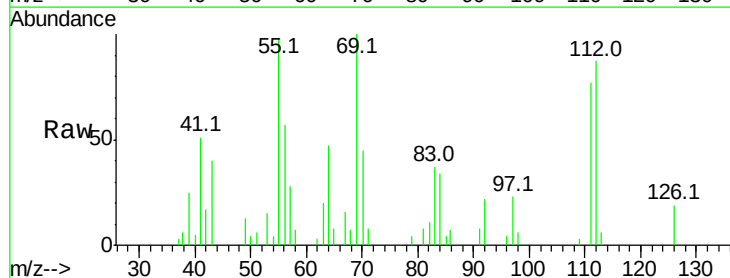
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



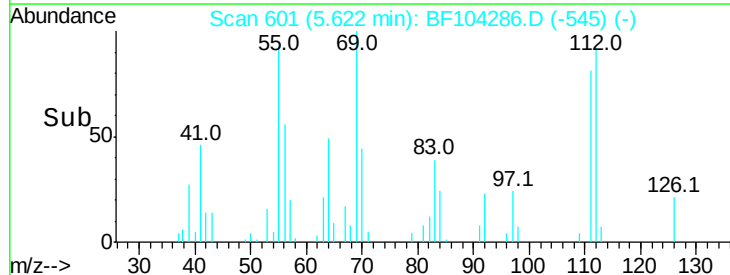
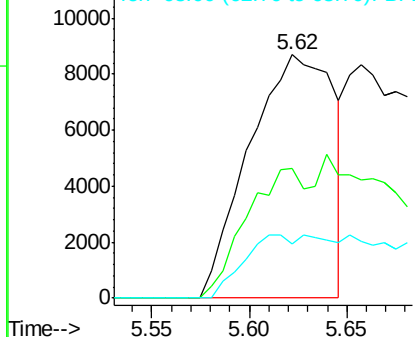
#5

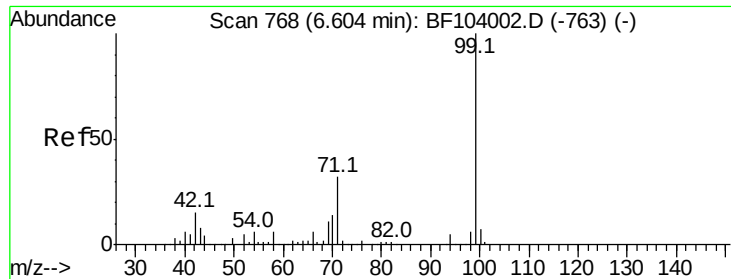
2-Fluorophenol
Concen: 4.760 ng
RT: 5.62 min Scan# 601
Delta R.T. 0.03 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

Tgt Ion:112 Resp: 26073
Ion Ratio Lower Upper
112 100
64 53.4 47.9 71.9
63 22.4 23.7 35.5#



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





#7

Phenol-d6

Concen: 20.469 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

Instrument :

BNA_F

ClientSampled :

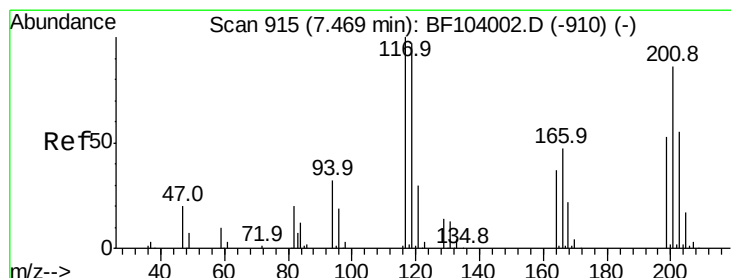
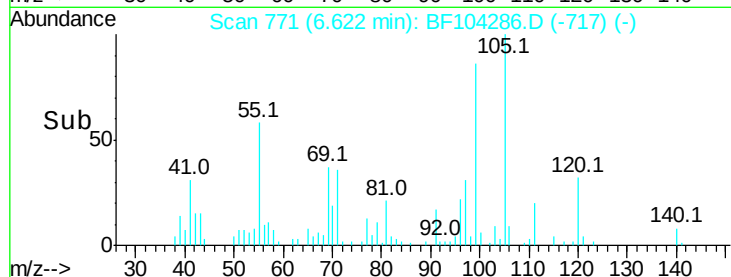
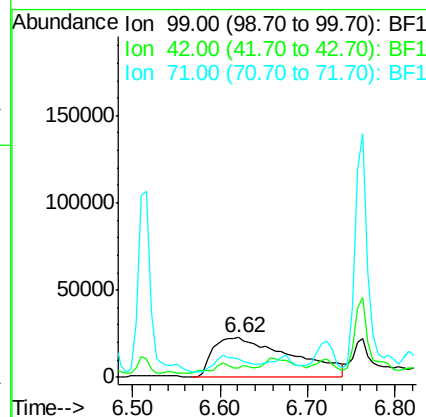
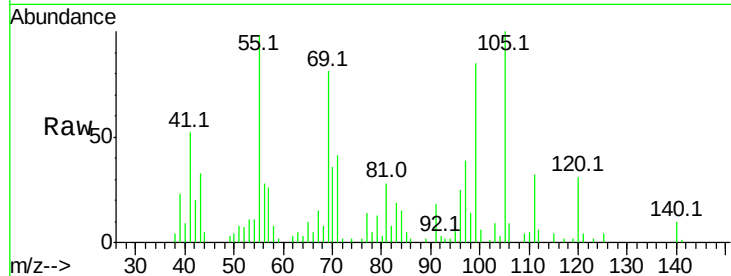
Tot Ion: 99 Resp: 137951

Ion Ratio Lower Upper

99 100

42 23.1 14.5 21.7#

71 47.8 25.4 38.0#



#18

Hexachloroethane

Concen: 59.097 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.02 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

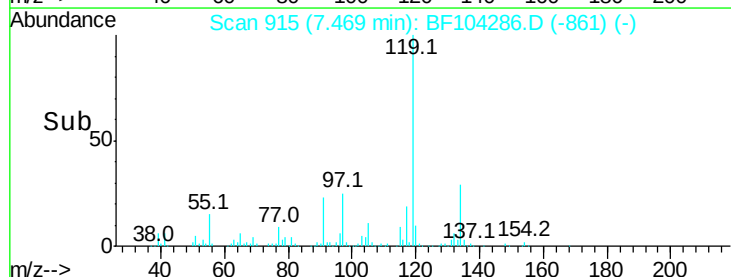
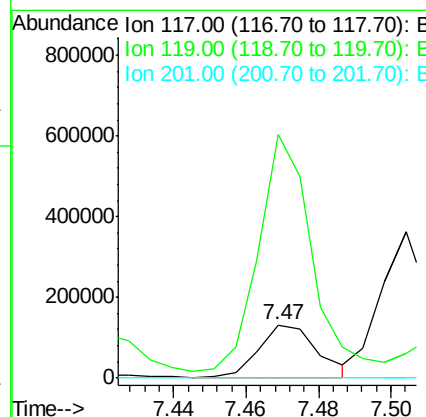
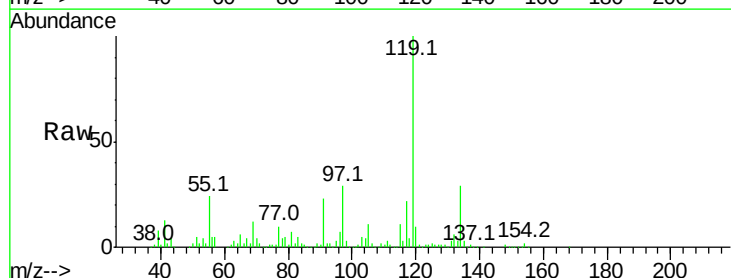
Tgt Ion: 117 Resp: 143208

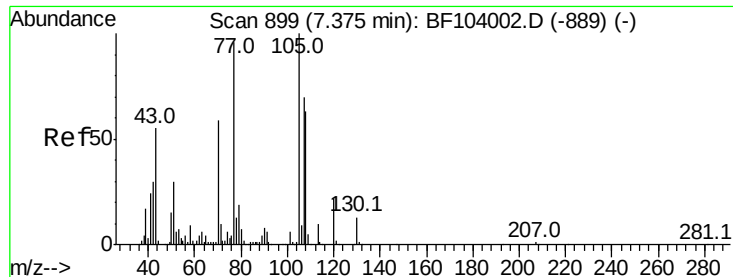
Ion Ratio Lower Upper

117 100

119 457.1 75.8 113.8#

201 0.0 75.7 113.5#

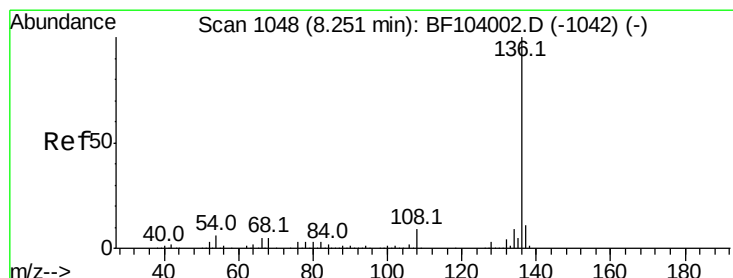
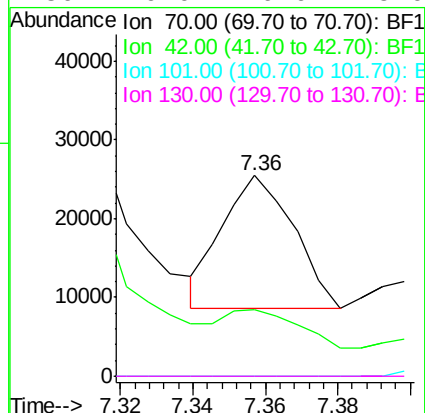
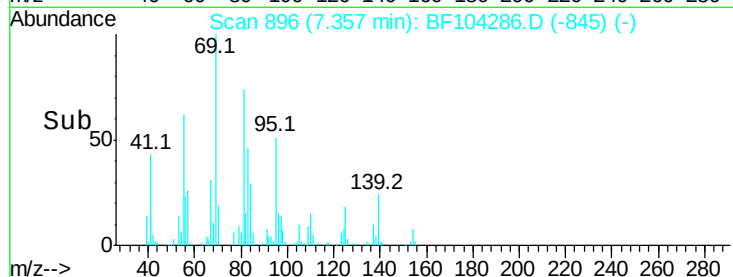
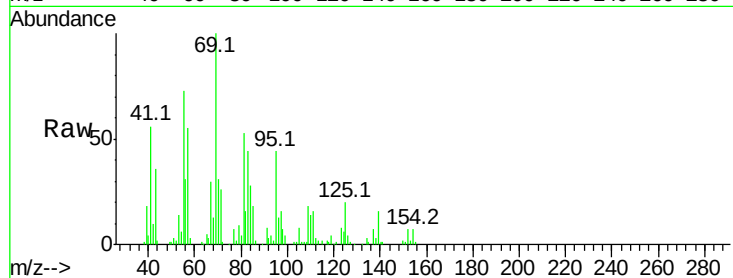




#19
n-Nitroso-di-n-propylamine
Concen: 5.747 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

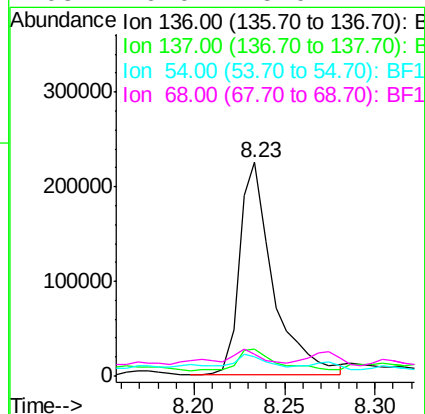
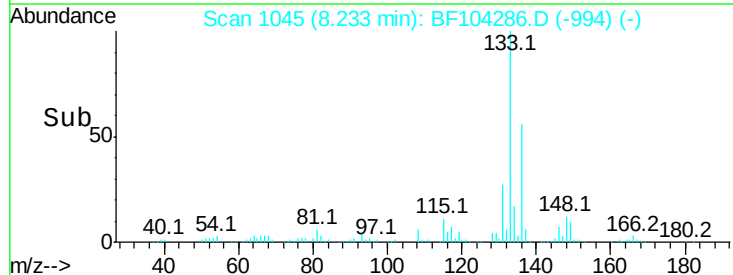
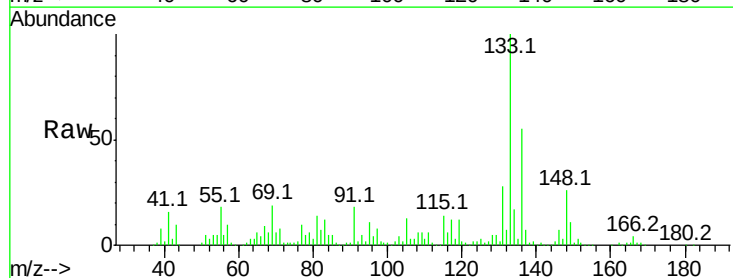
Instrument :
BNA_F
ClientSampleId :

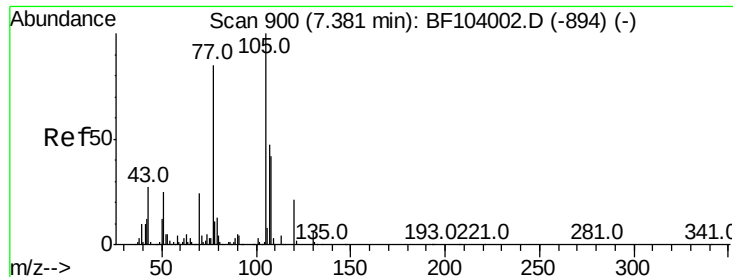
Tot Ion: 70 Resp: 22987
Ion Ratio Lower Upper
70 100
42 33.5 47.5 71.3#
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

Tgt Ion:136 Resp: 289574
Ion Ratio Lower Upper
136 100
137 12.9 8.9 13.3
54 9.1 6.6 9.8
68 10.0 5.0 7.4#





#22

Acetophenone

Concen: 5.346 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.04 min

Lab File: BF104286.D

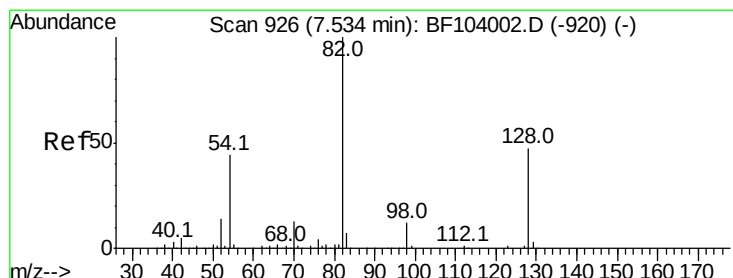
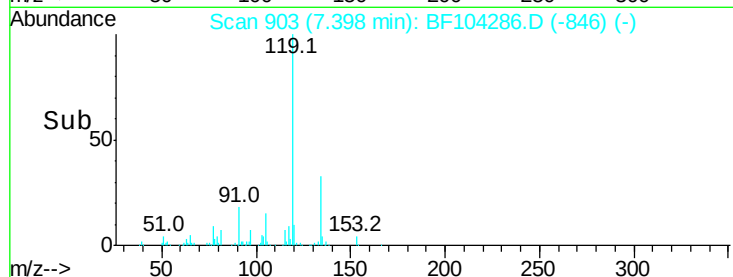
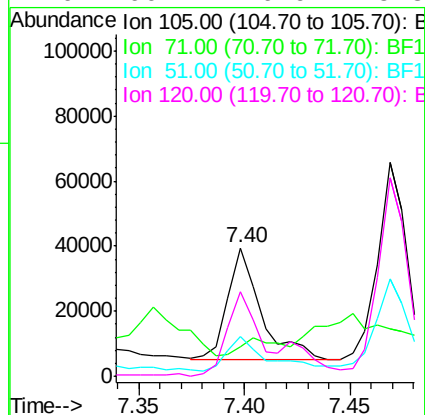
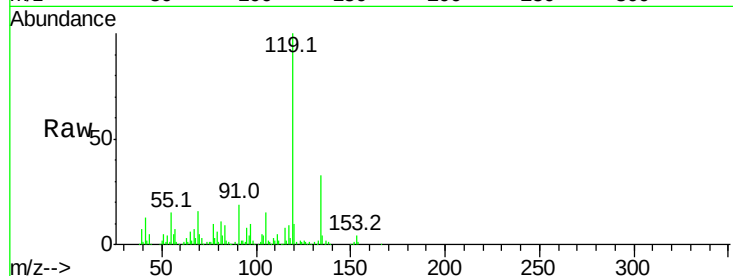
Acq: 5 Apr 2018 22:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	105	Resp:	37454
Ion	Ratio	Lower	Upper
105	100		
71	22.7	4.4	6.6#
51	30.8	22.3	33.5
120	66.2	16.9	25.3#



#23

Nitrobenzene-d5

Concen: 11.105 ng

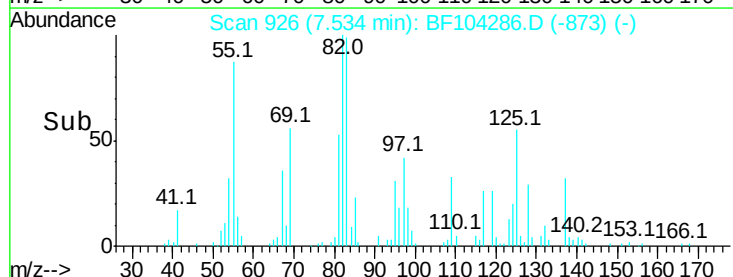
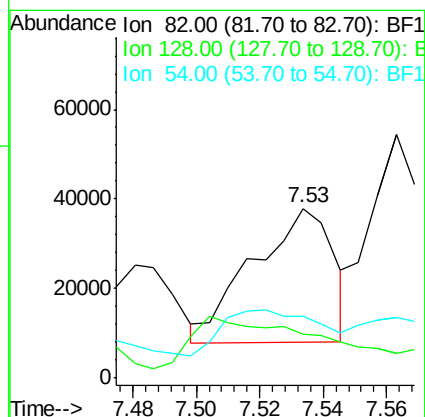
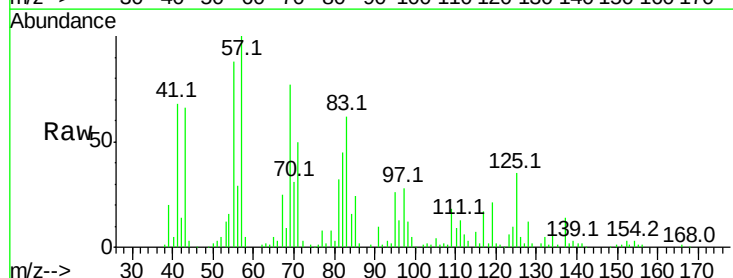
RT: 7.53 min Scan# 926

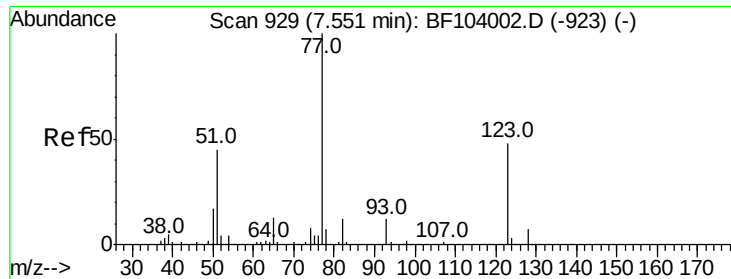
Delta R.T. 0.01 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

Tgt Ion:	82	Resp:	52585
Ion	Ratio	Lower	Upper
82	100		
128	26.0	36.1	54.1#
54	36.2	41.4	62.2#

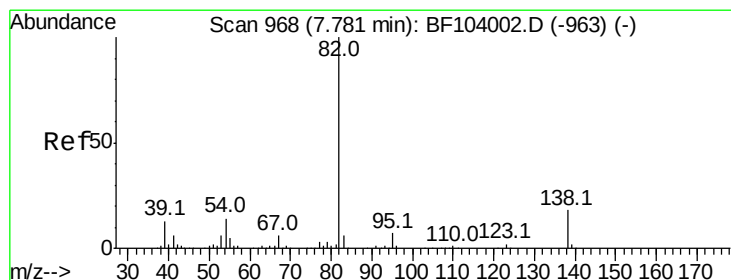
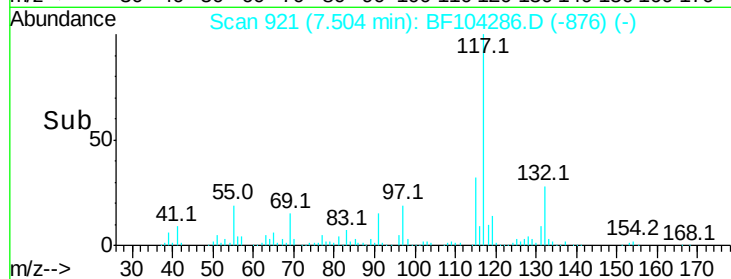
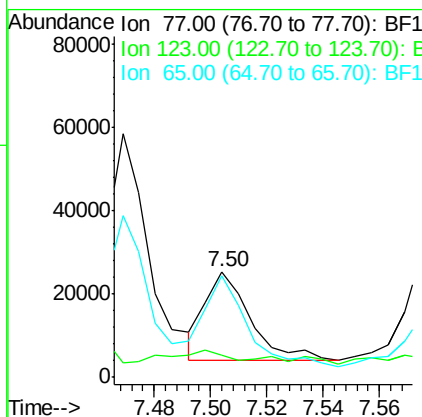
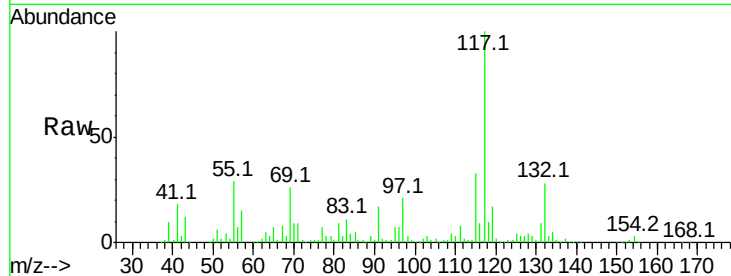




#24
 Nitrobenzene
 Concen: 4.738 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.04 min
 Lab File: BF104286.D
 Acq: 5 Apr 2018 22:46

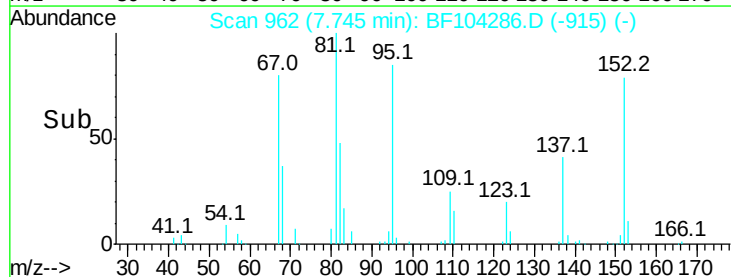
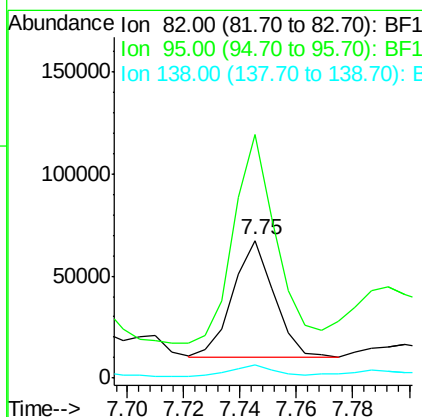
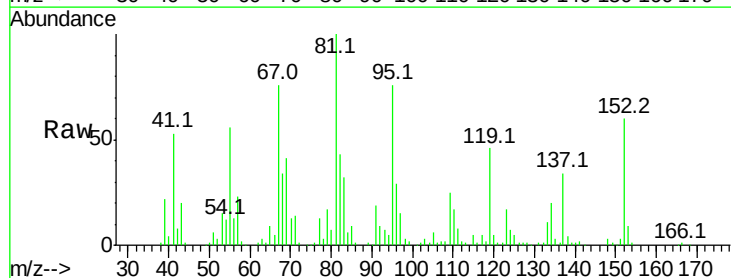
Instrument :
 BNA_F
 ClientSampleId :

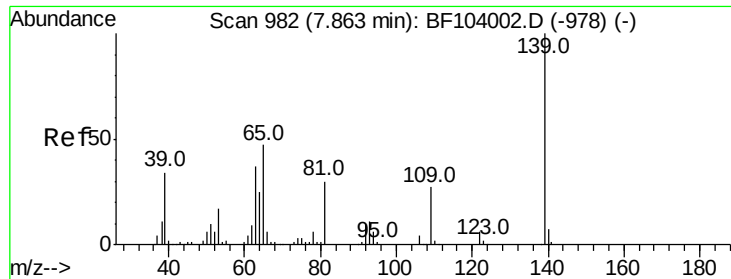
Tot Ion: 77 Resp: 23606
 Ion Ratio Lower Upper
 77 100
 123 21.4 37.9 56.9#
 65 95.7 11.0 16.4#



#25
 Isophorone
 Concen: 6.567 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.02 min
 Lab File: BF104286.D
 Acq: 5 Apr 2018 22:46

Tgt Ion: 82 Resp: 57304
 Ion Ratio Lower Upper
 82 100
 95 177.2 5.2 7.8#
 138 9.2 14.9 22.3#

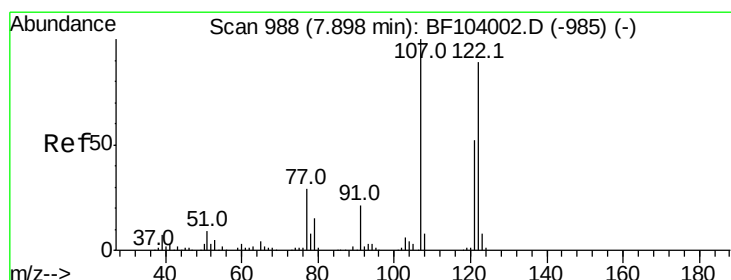
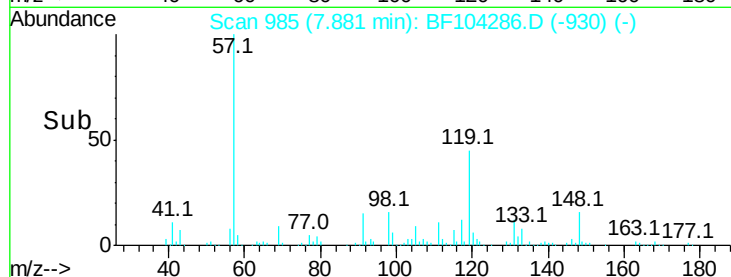
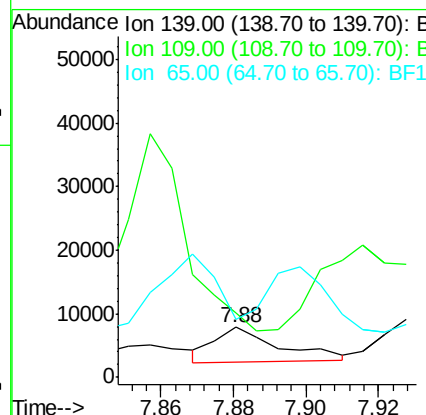
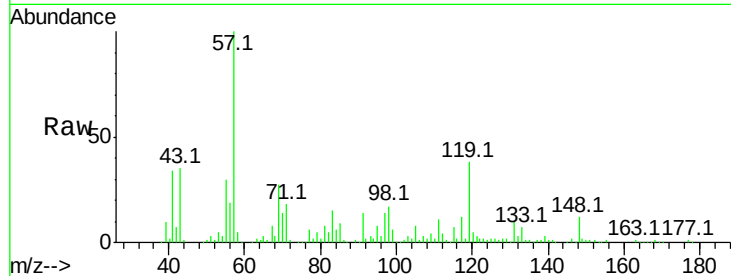




#26
2-Nitrophenol
Concen: 2.670 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.02 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

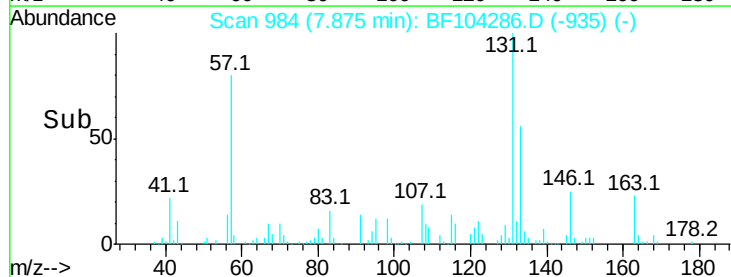
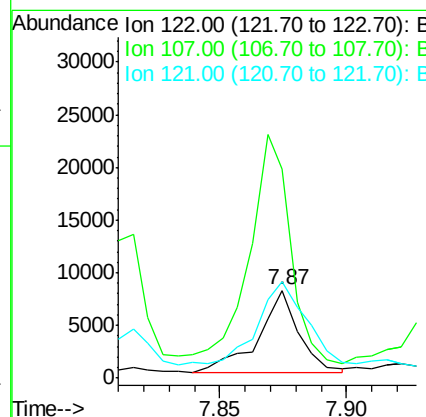
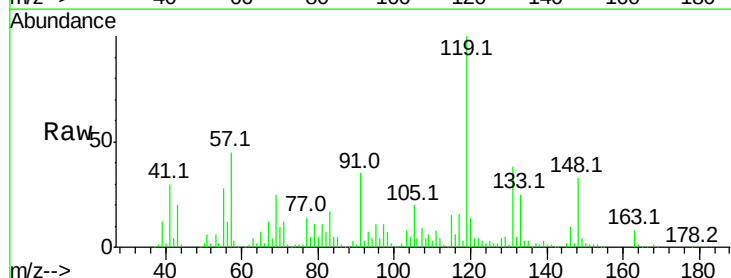
Instrument :
BNA_F
ClientSampled :

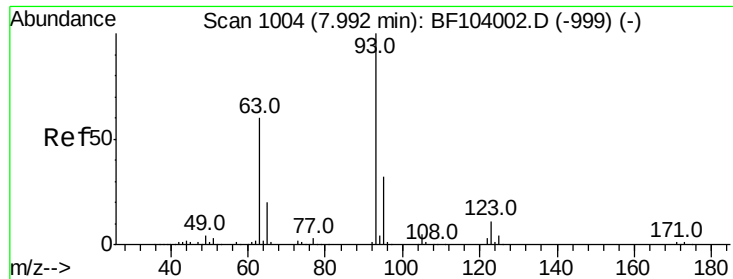
Tot Ion:139 Resp: 6944
Ion Ratio Lower Upper
139 100
109 129.0 22.7 34.1#
65 115.9 40.5 60.7#



#27
2,4-Dimethylphenol
Concen: 2.423 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

Tgt Ion:122 Resp: 9089
Ion Ratio Lower Upper
122 100
107 238.9 91.2 136.8#
121 110.2 47.2 70.8#





#28

bis(2-Chloroethoxy)methane

Concen: 2.482 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

Instrument :

BNA_F

ClientSampleId :

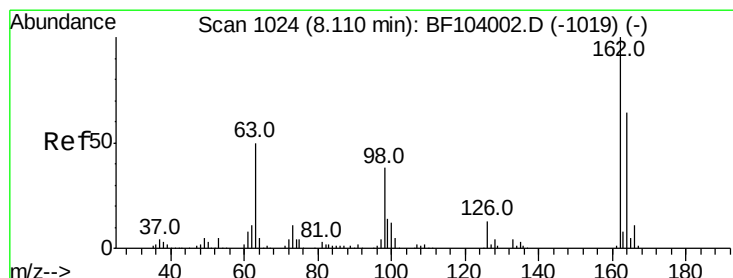
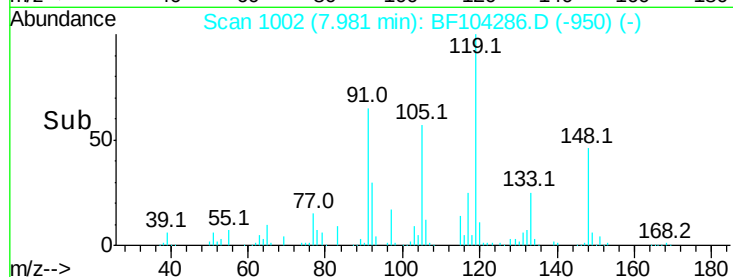
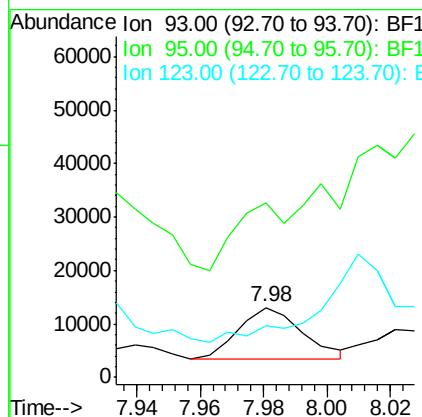
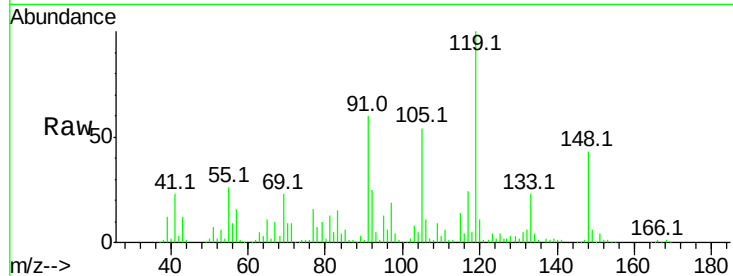
Tot Ion: 93 Resp: 13573

Ion Ratio Lower Upper

93 100

95 250.7 26.3 39.5#

123 74.7 9.8 14.6#



#29

2,4-Dichlorophenol

Concen: 5.397 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.02 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

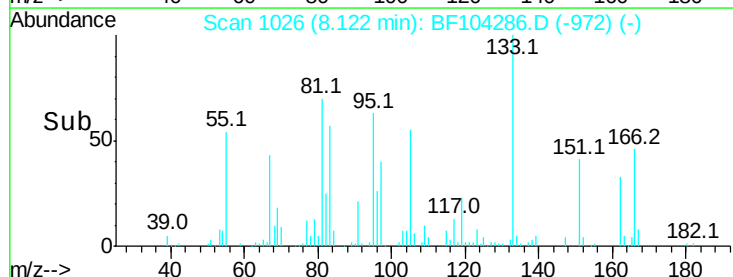
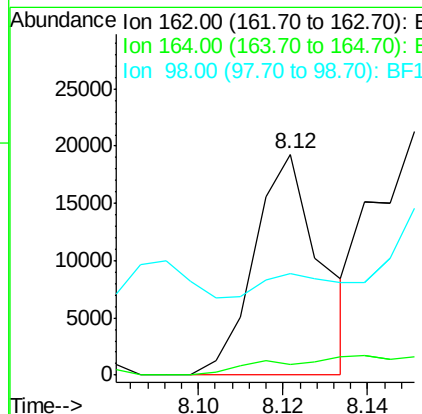
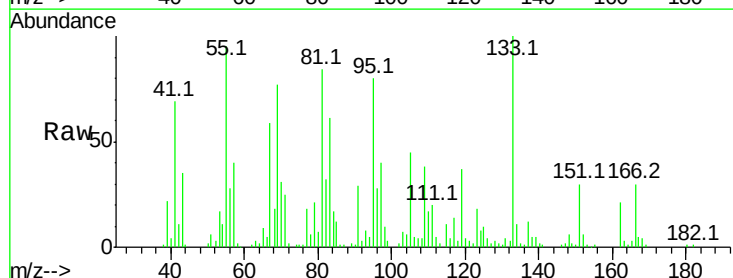
Tgt Ion:162 Resp: 21142

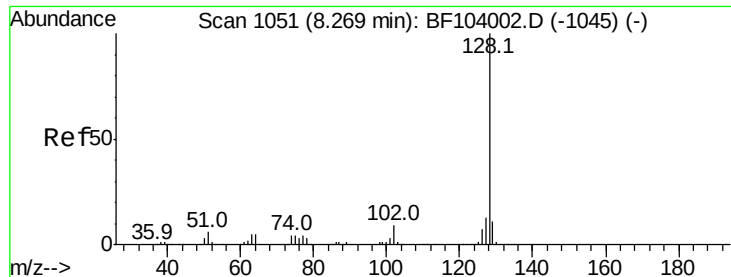
Ion Ratio Lower Upper

162 100

164 4.7 42.7 82.7#

98 46.2 18.1 58.1

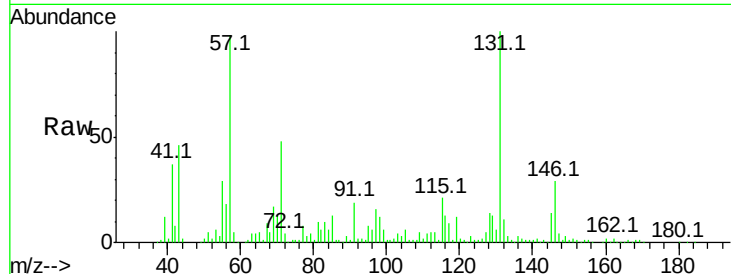




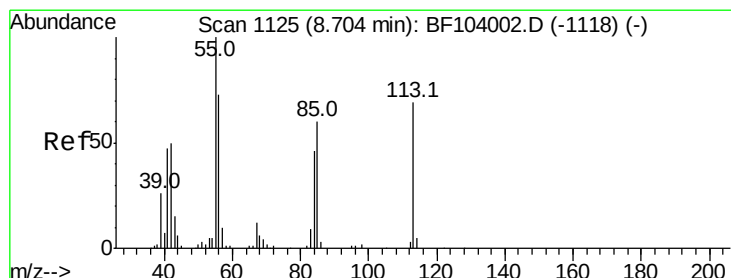
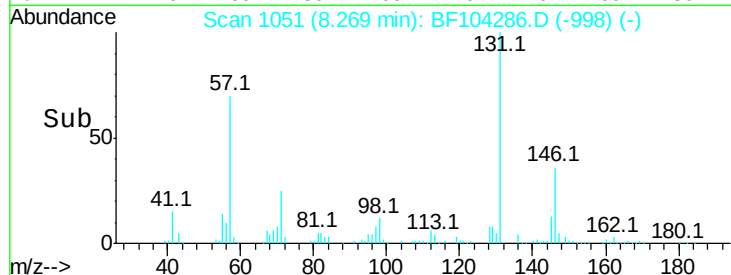
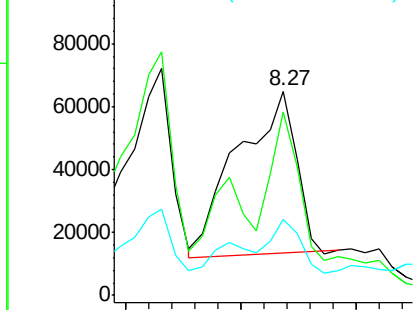
#31
Naphthalene
Concen: 6.414 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 90741
Ion Ratio Lower Upper
128 100
129 89.4 8.8 13.2#
127 37.4 10.9 16.3#

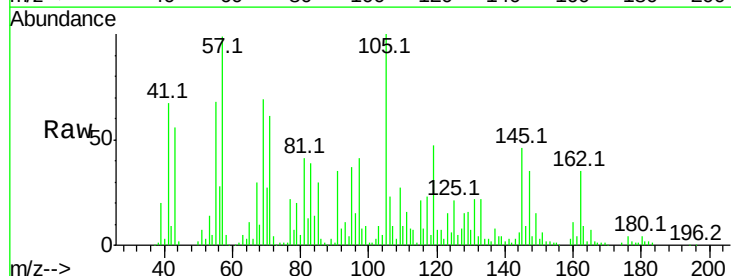


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

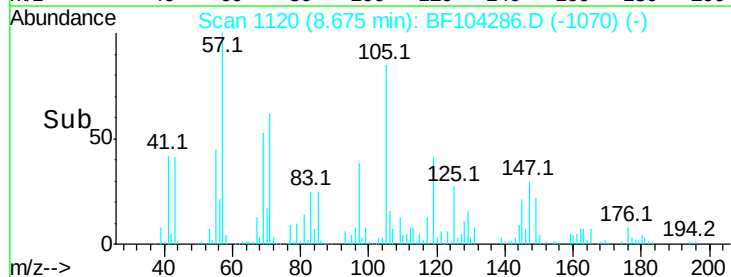
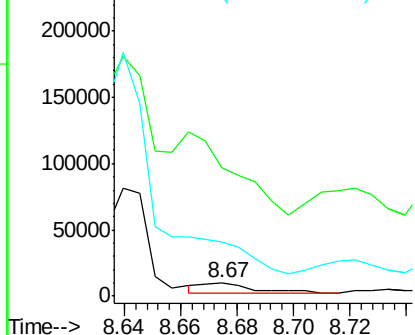


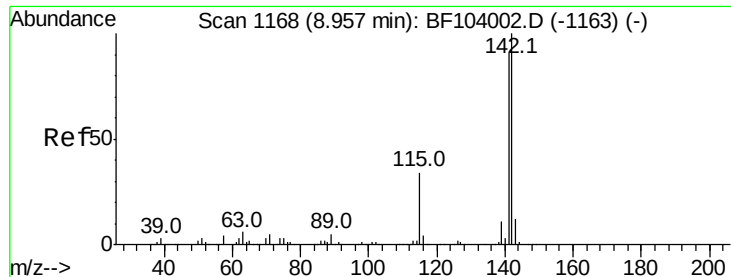
#35
Caprolactam
Concen: 7.474 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

Tgt Ion:113 Resp: 9284
Ion Ratio Lower Upper
113 100
55 936.5 163.3 203.3#
56 389.3 115.7 155.7#



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





#37

2-Methylnaphthalene

Concen: 76.033 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.11 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

Instrument :

BNA_F

ClientSampleId :

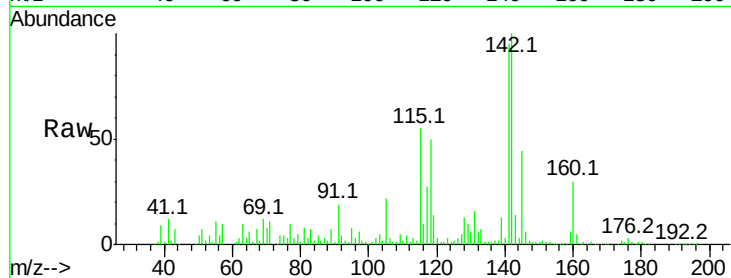
Tot Ion:142 Resp: 708510

Ion Ratio Lower Upper

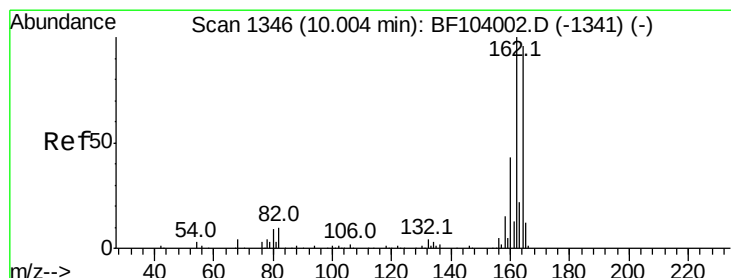
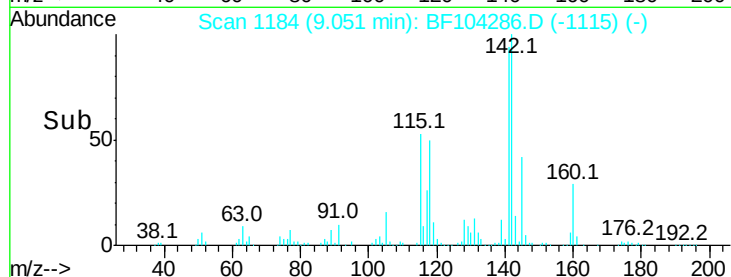
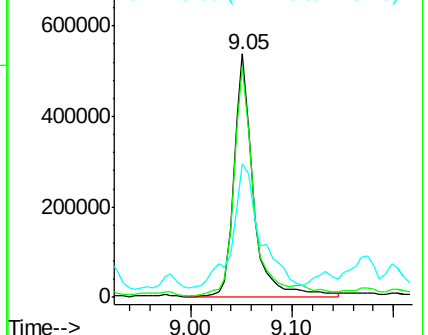
142 100

141 94.9 70.8 106.2

115 54.8 26.1 39.1#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

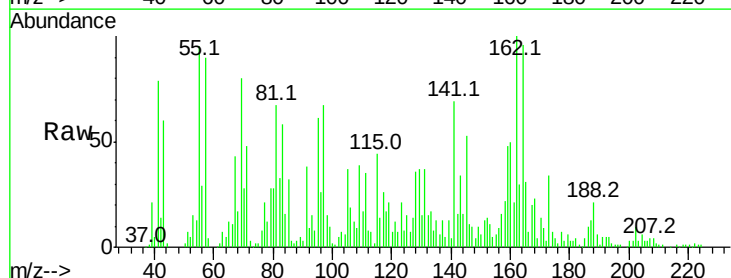
Tgt Ion:164 Resp: 145010

Ion Ratio Lower Upper

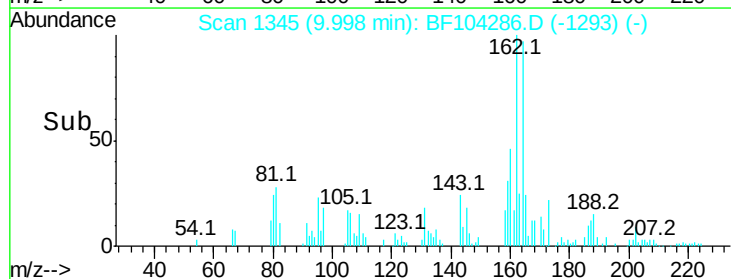
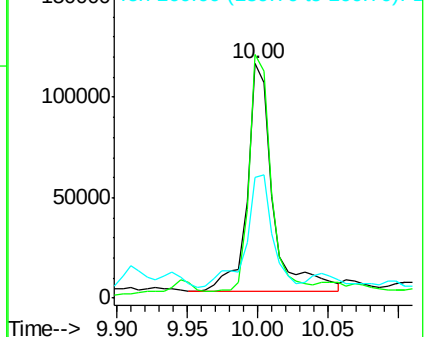
164 100

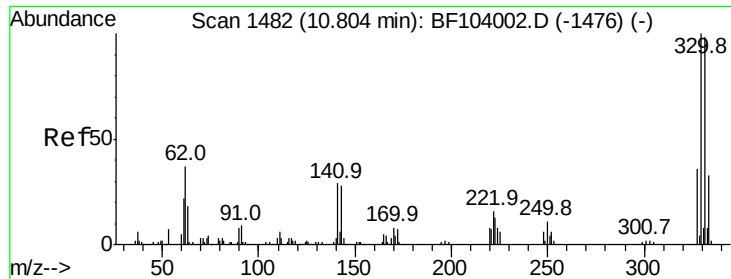
162 103.9 86.1 129.1

160 51.5 38.3 57.5



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

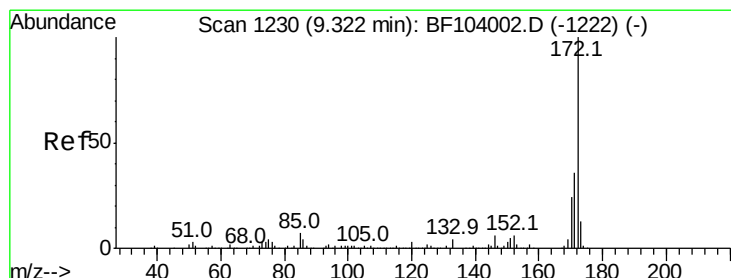
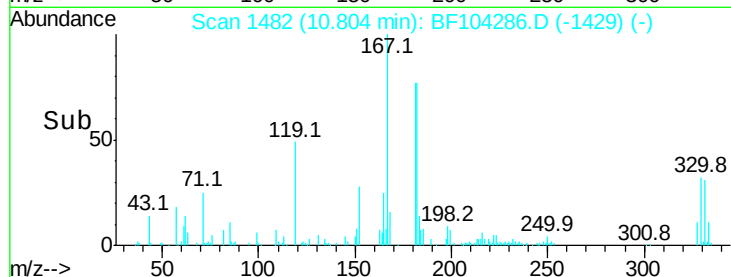
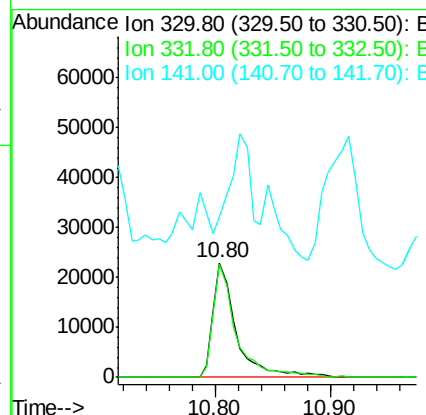
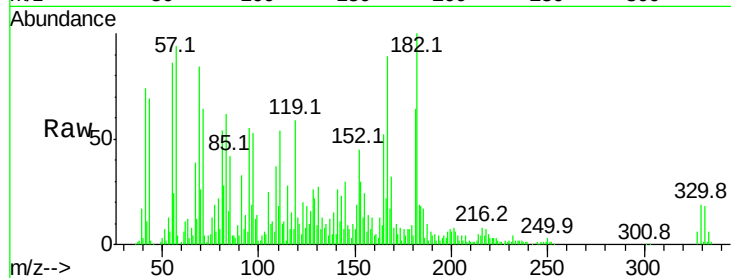




#41
 2,4,6-Tribromophenol
 Concen: 20.143 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF104286.D
 Acq: 5 Apr 2018 22:46

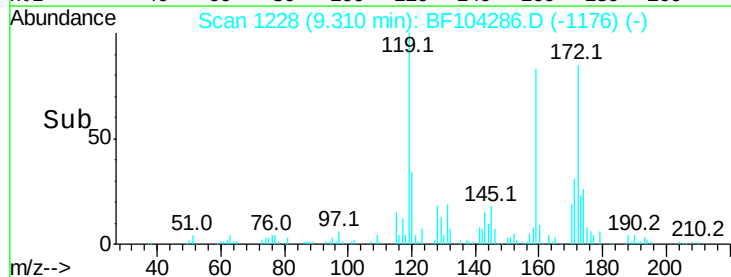
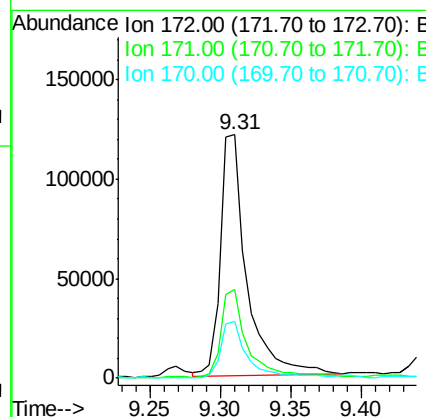
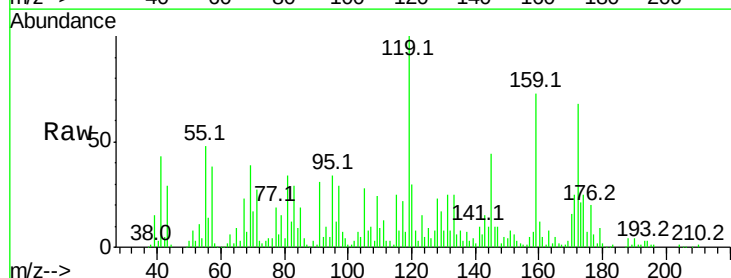
Instrument :
 BNA_F
 ClientSampleId :

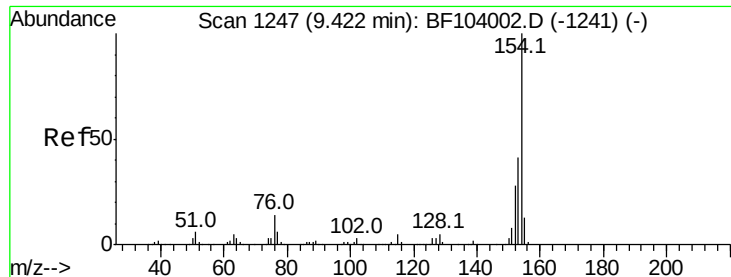
Tot Ion:330 Resp: 32525
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 70.6 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 17.217 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: BF104286.D
 Acq: 5 Apr 2018 22:46

Tgt Ion:172 Resp: 158322
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.4 19.6 29.4





#45

1,1'-Biphenyl

Concen: 18.436 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

Instrument :

BNA_F

ClientSampled :

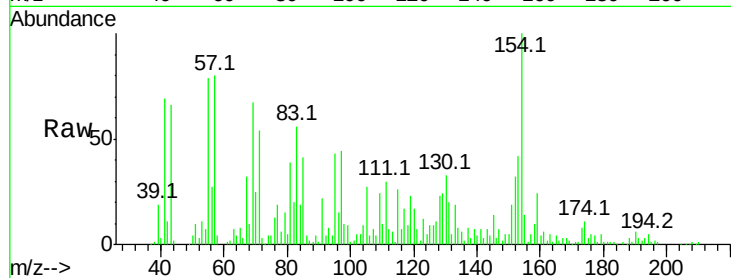
Tot Ion:154 Resp: 229451

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

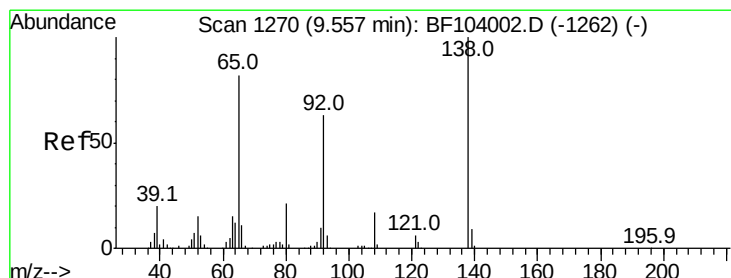
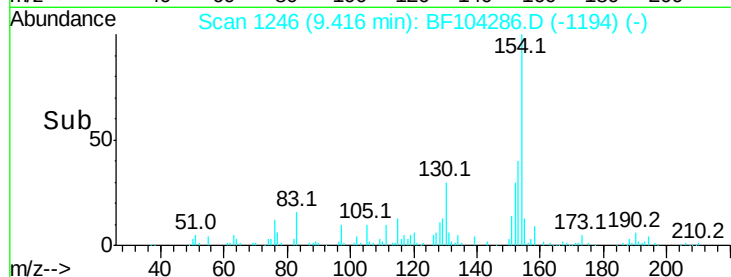
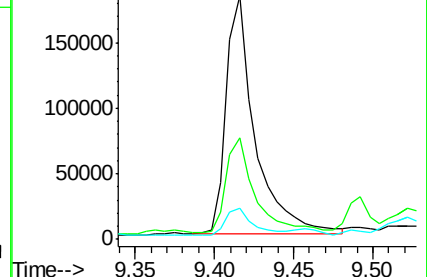
76 12.8 0.0 34.0



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-Nitroaniline

Concen: 3.321 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.04 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

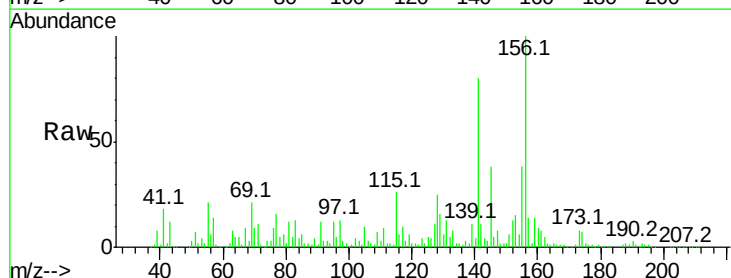
Tgt Ion: 65 Resp: 9297

Ion Ratio Lower Upper

65 100

92 56.7 55.8 83.6

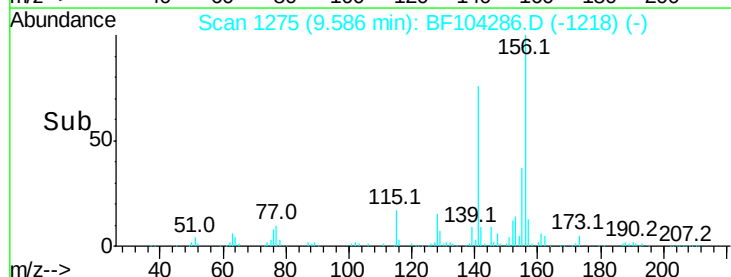
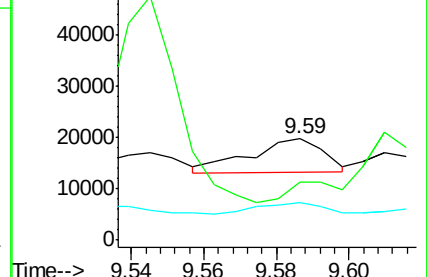
138 36.4 91.2 136.8#

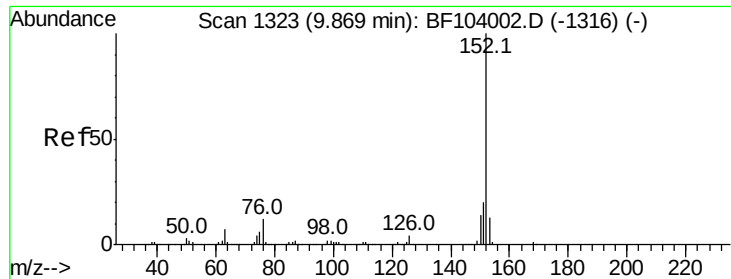


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 3.274 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

Instrument :

BNA_F

ClientSampleId :

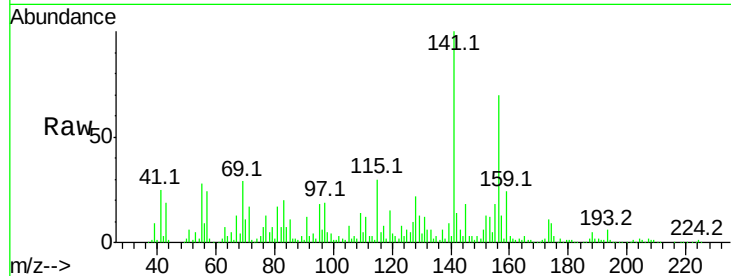
Tot Ion:152 Resp: 48688

Ion Ratio Lower Upper

152 100

151 47.1 16.3 24.5#

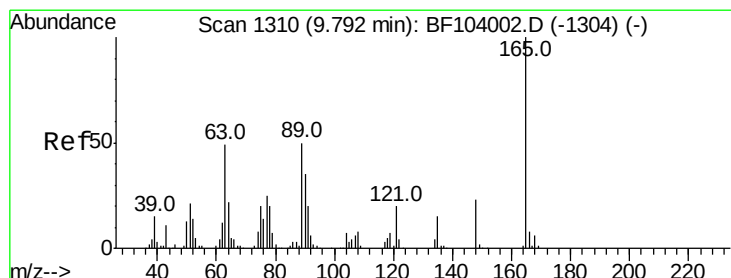
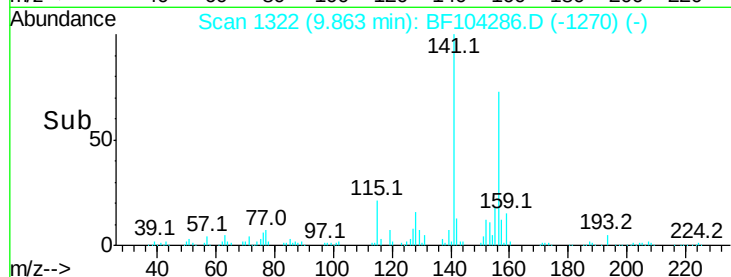
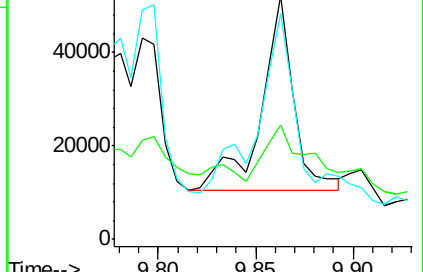
153 92.9 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 2.945 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.03 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

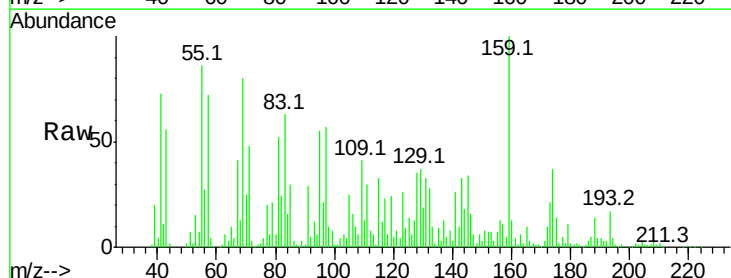
Tgt Ion:165 Resp: 7254

Ion Ratio Lower Upper

165 100

63 58.3 44.7 67.1

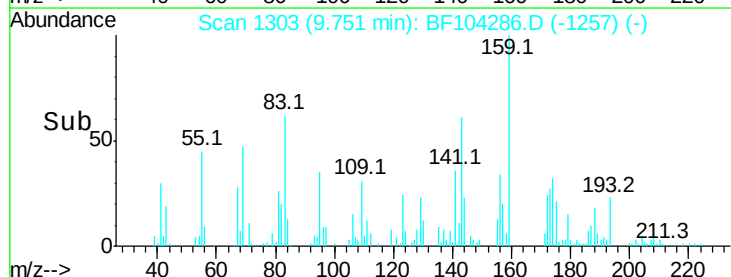
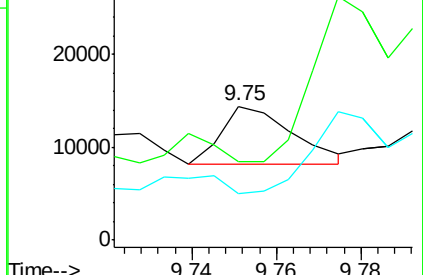
89 34.7 44.0 66.0#

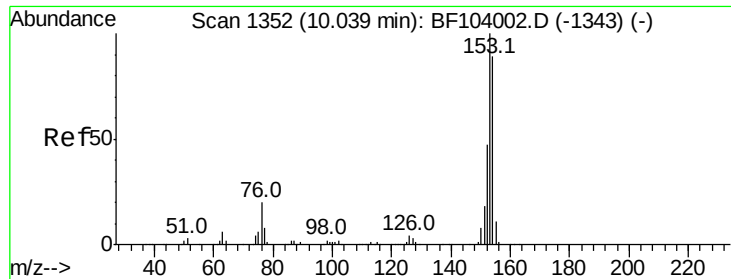


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 16.326 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

Instrument :

BNA_F

ClientSampled :

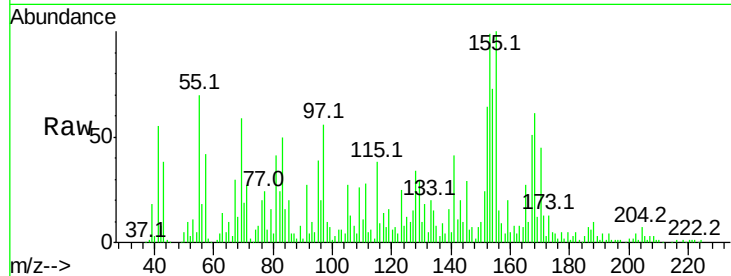
Tot Ion:154 Resp: 140464

Ion Ratio Lower Upper

154 100

153 136.7 91.2 136.8

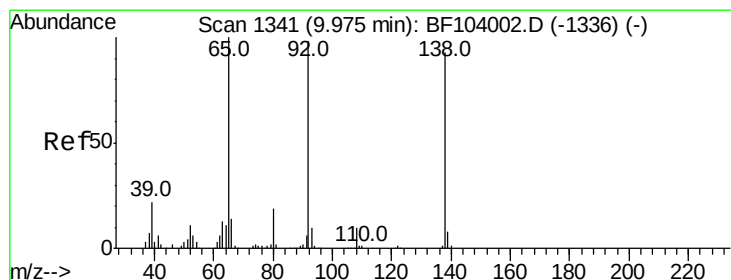
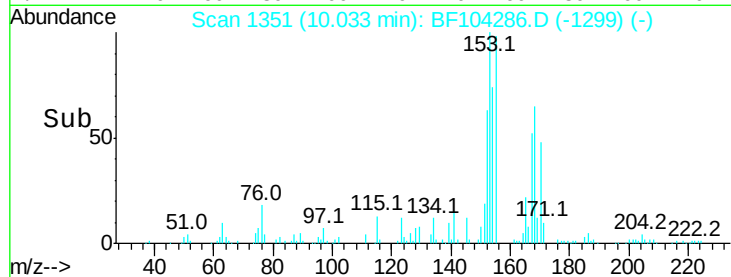
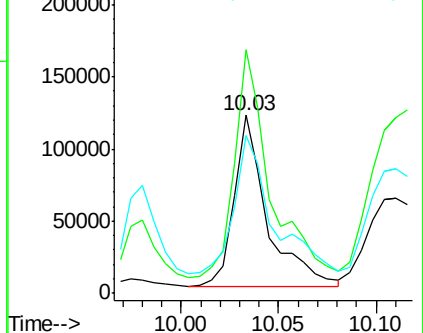
152 88.8 43.8 65.8#



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



#52

3-Nitroaniline

Concen: 2.205 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

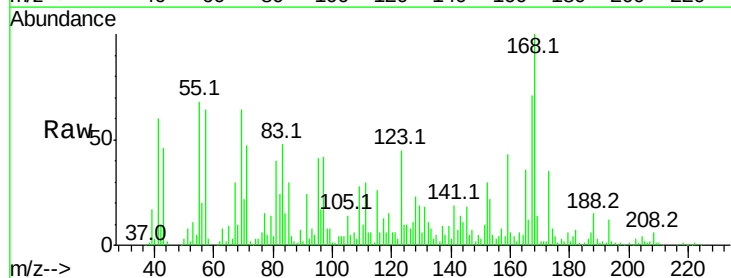
Tgt Ion:138 Resp: 6244

Ion Ratio Lower Upper

138 100

108 73.9 9.4 14.0#

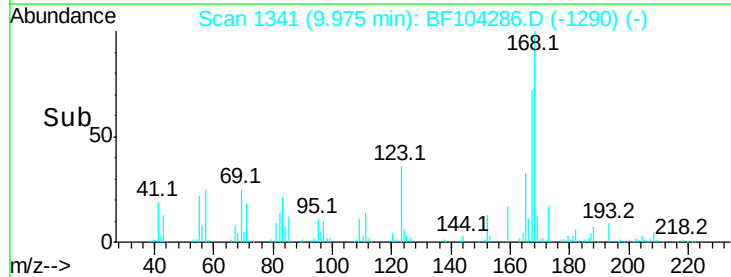
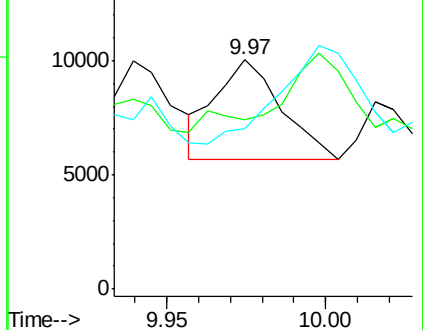
92 69.9 89.4 134.2#

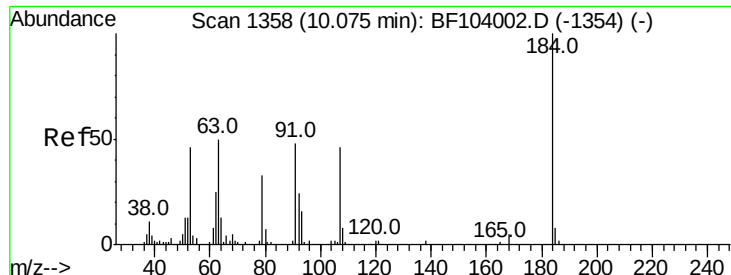


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

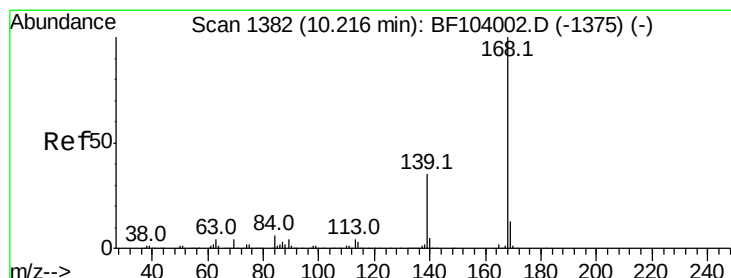
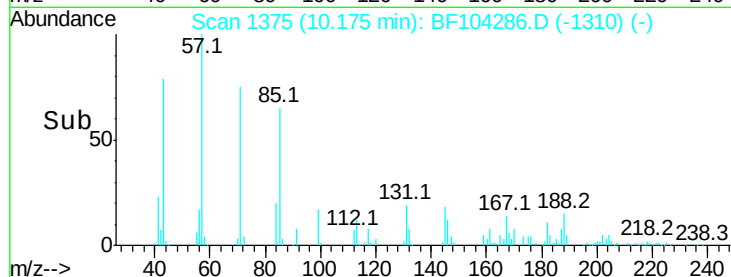
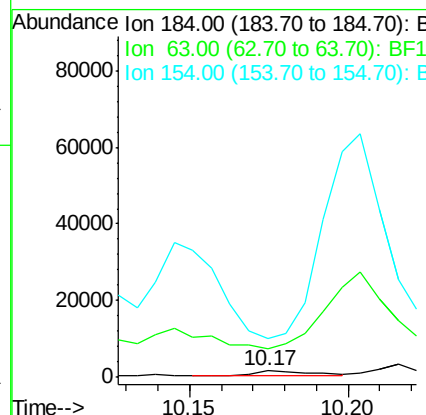
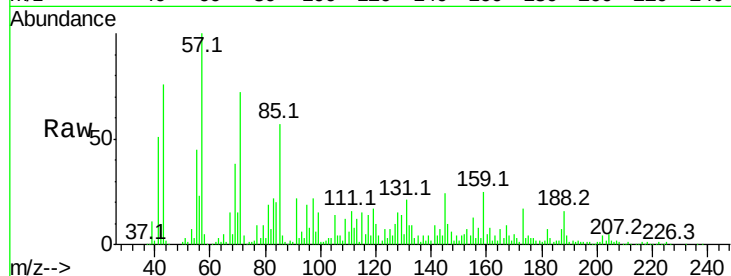




#53
2,4-Dinitrophenol
Concen: 6.967 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.08 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

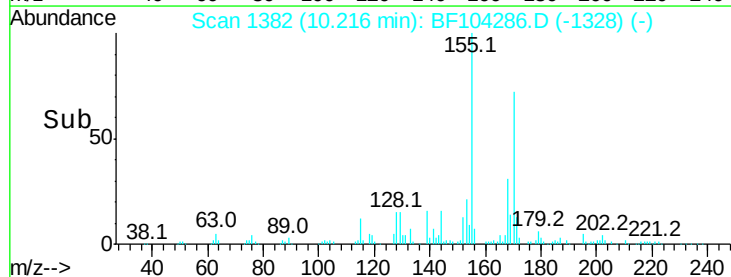
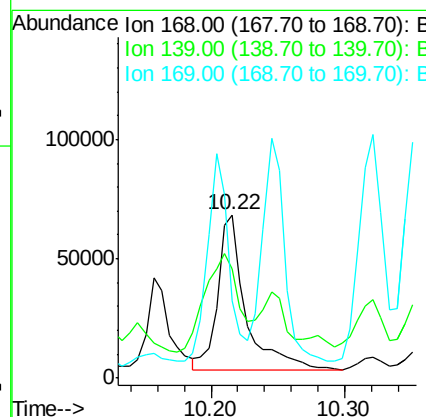
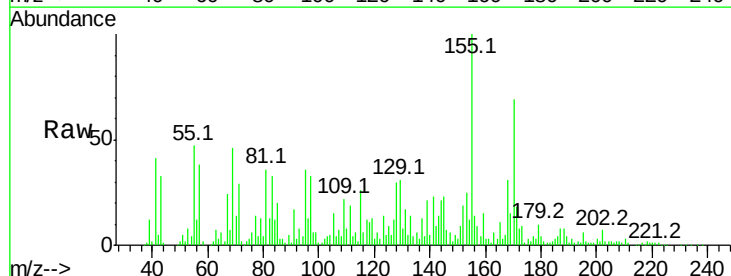
Instrument :
BNA_F
ClientSampleId :

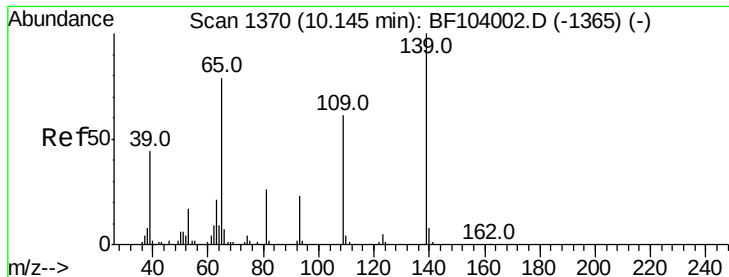
Tot Ion:184 Resp: 1612
Ion Ratio Lower Upper
184 100
63 460.9 54.2 81.2#
154 632.5 184.0 276.0#



#54
Dibenzofuran
Concen: 7.591 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.02 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

Tgt Ion:168 Resp: 95371
Ion Ratio Lower Upper
168 100
139 66.9 30.1 45.1#
169 47.3 10.9 16.3#





#55

4-Nitrophenol

Concen: 7.122 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

Instrument :

BNA_F

ClientSampleId :

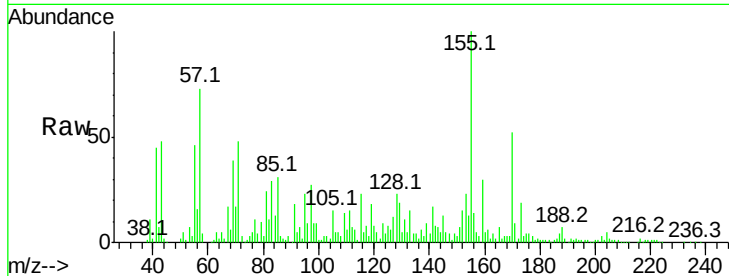
Tot Ion:139 Resp: 12091

Ion Ratio Lower Upper

139 100

109 162.3 48.4 88.4#

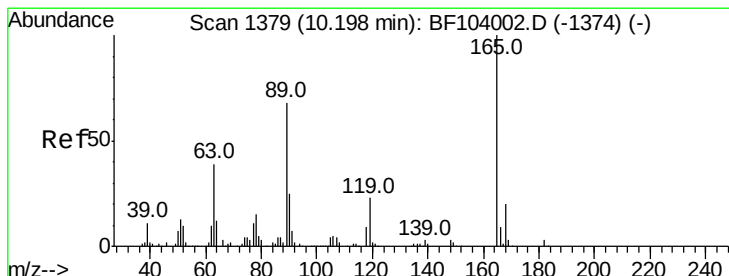
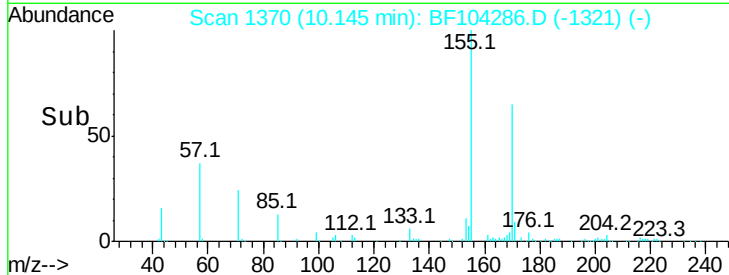
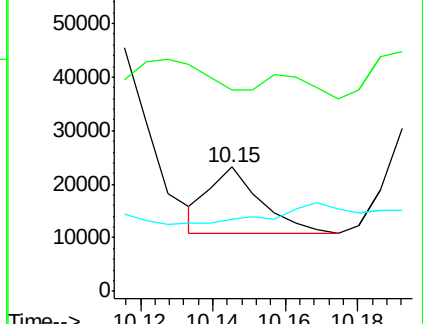
65 58.3 72.6 112.6#



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



#56

2,4-Dinitrotoluene

Concen: 10.131 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.01 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

Tgt Ion:165 Resp: 31844

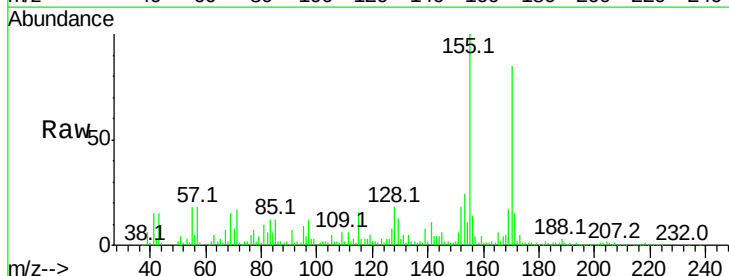
Ion Ratio Lower Upper

165 100

63 79.9 36.4 54.6#

89 38.8 57.8 86.6#

182 24.6 1.6 2.4#

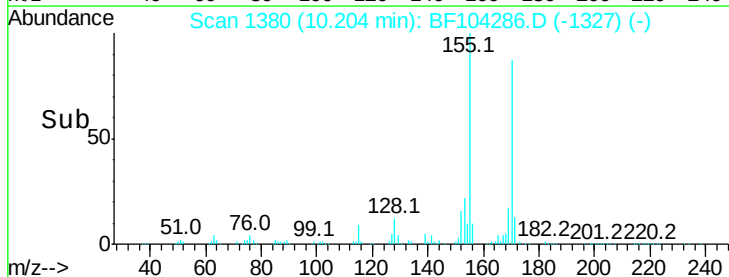
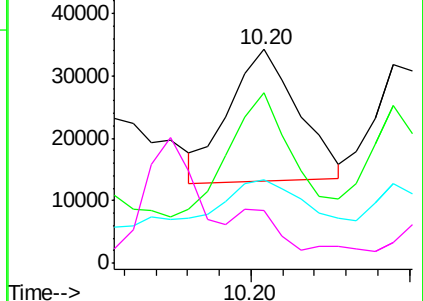


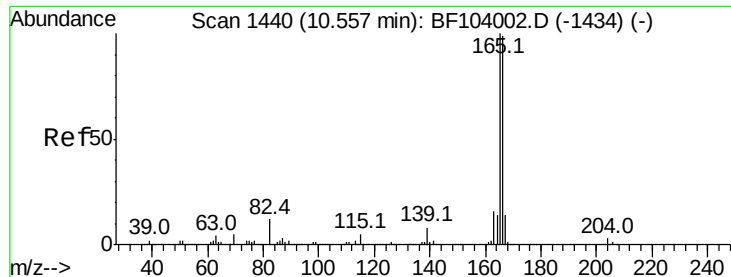
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 20.538 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

Instrument :

BNA_F

ClientSampleId :

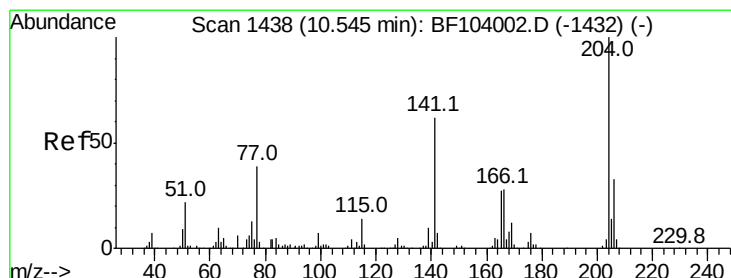
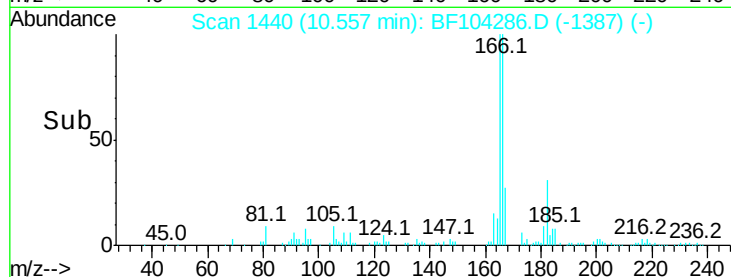
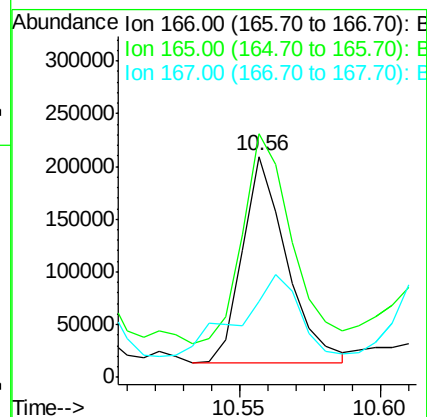
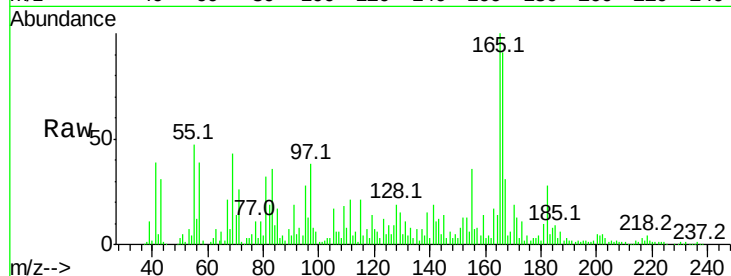
Tot Ion:166 Resp: 212864

Ion Ratio Lower Upper

166 100

165 110.3 79.8 119.8

167 34.2 10.6 16.0#



#60

4-Chlorophenyl-phenylether

Concen: 2.416 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.05 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

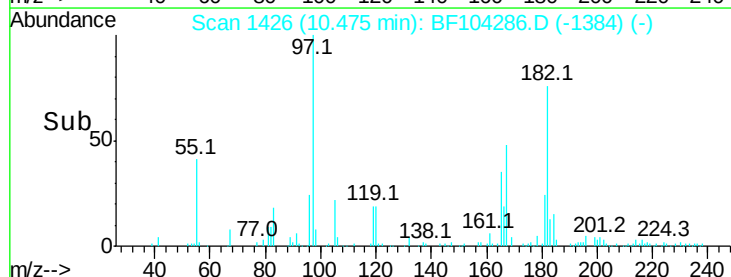
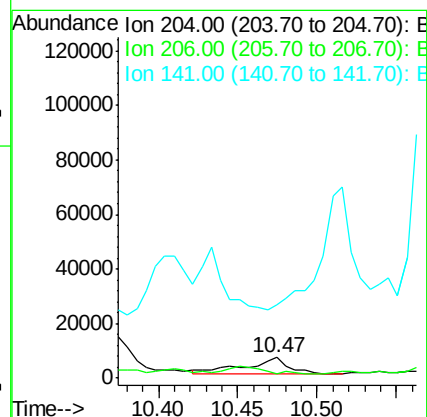
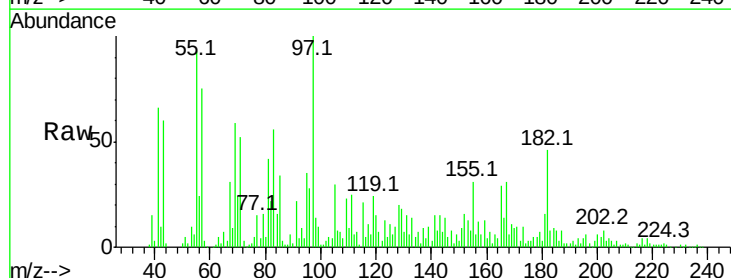
Tgt Ion:204 Resp: 11502

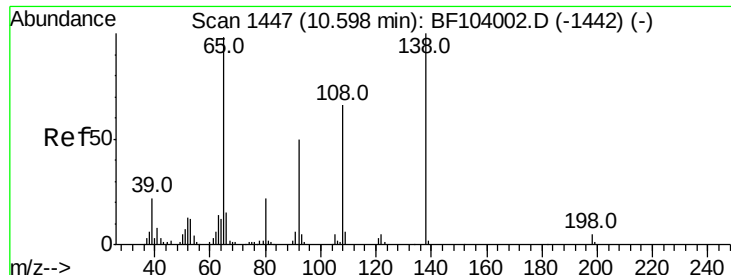
Ion Ratio Lower Upper

204 100

206 23.4 26.5 39.7#

141 354.1 54.6 81.8#

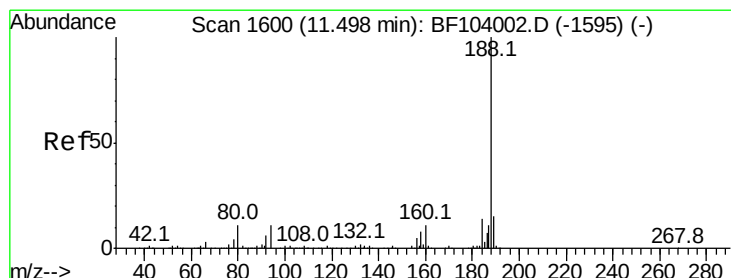
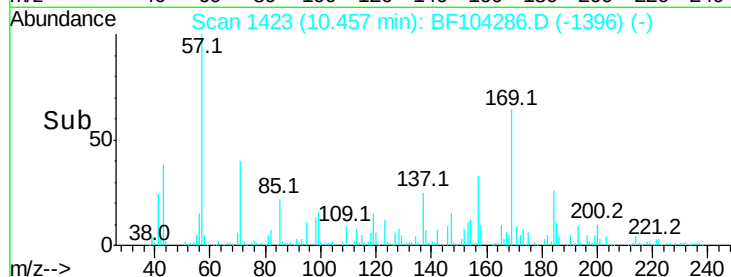
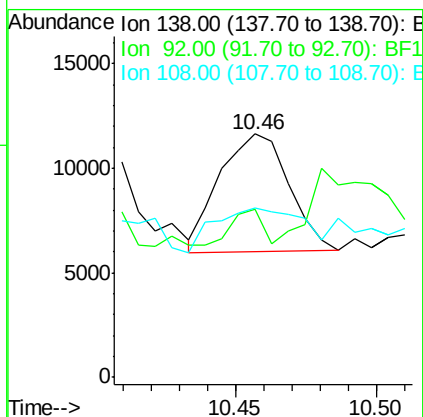
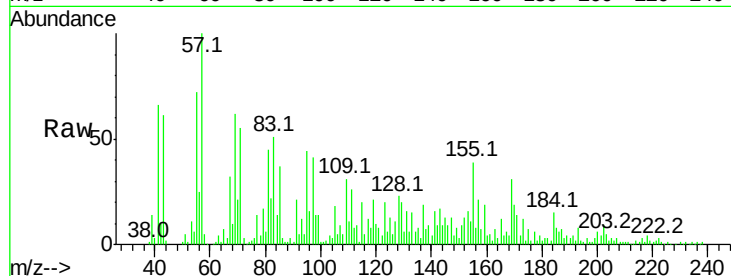




#61
4-Nitroaniline
Concen: 3.617 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.14 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

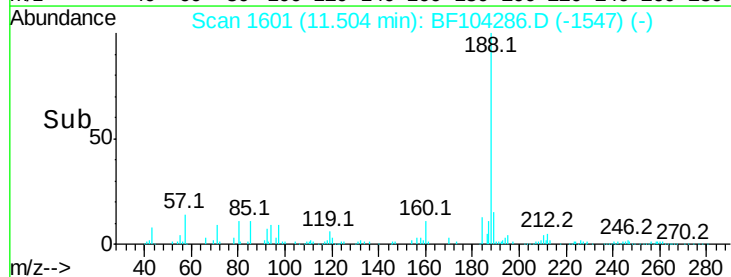
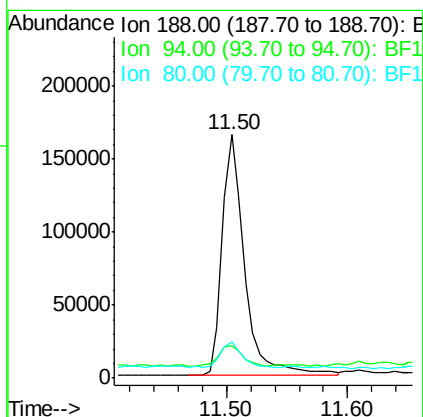
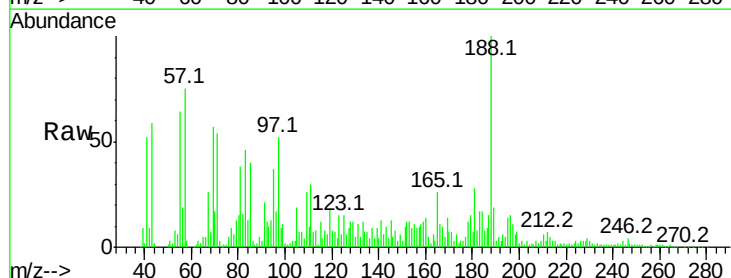
Instrument :
BNA_F
ClientSampleId :

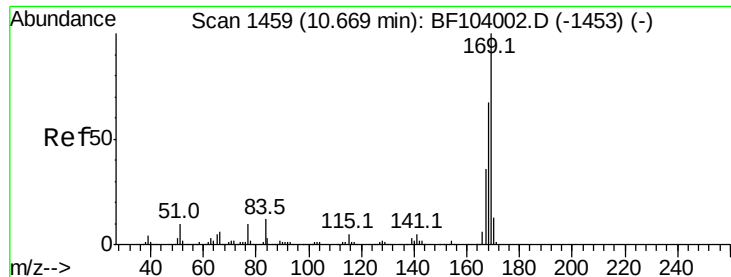
Tot Ion:138 Resp: 9583
Ion Ratio Lower Upper
138 100
92 69.0 30.2 70.2
108 69.6 52.5 92.5



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.02 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

Tgt Ion:188 Resp: 210349
Ion Ratio Lower Upper
188 100
94 13.4 8.5 12.7#
80 15.0 9.2 13.8#





#65

n-Nitrosodiphenylamine

Concen: 64.125 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

Instrument :

BNA_F

ClientSampleId :

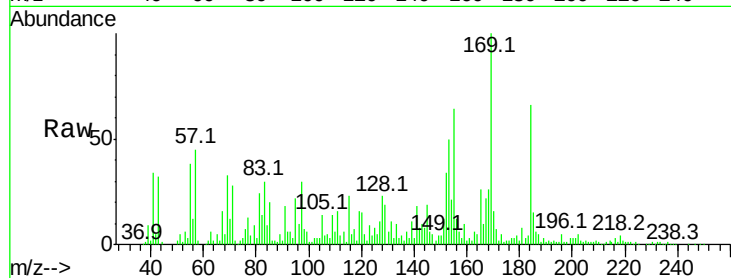
Tot Ion:169 Resp: 456819

Ion Ratio Lower Upper

169 100

168 26.2 54.4 81.6#

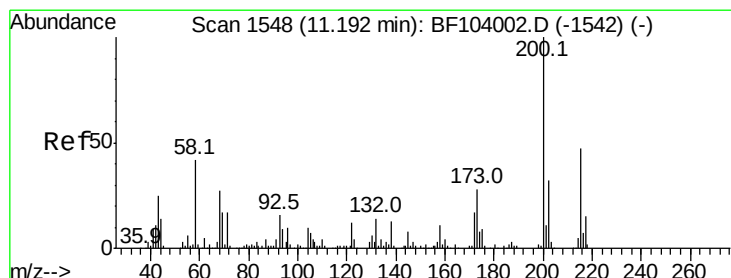
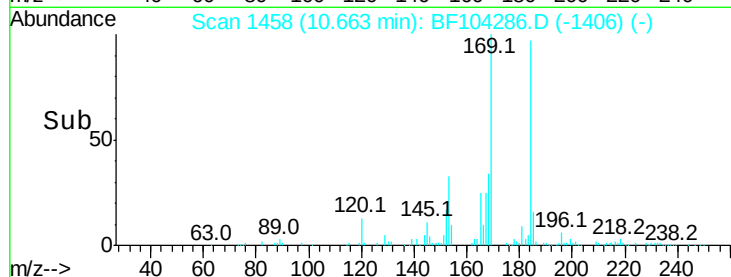
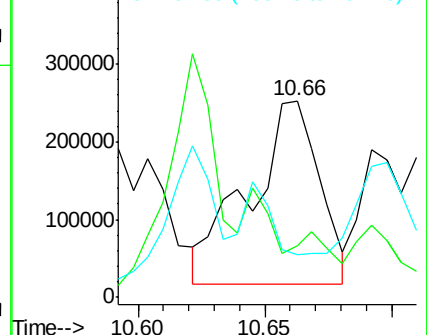
167 21.6 29.8 44.6#



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



#68

Atrazine

Concen: 7.076 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

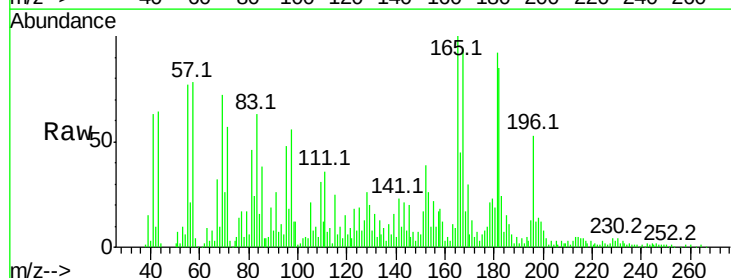
Tgt Ion:200 Resp: 15443

Ion Ratio Lower Upper

200 100

173 87.3 8.6 48.6#

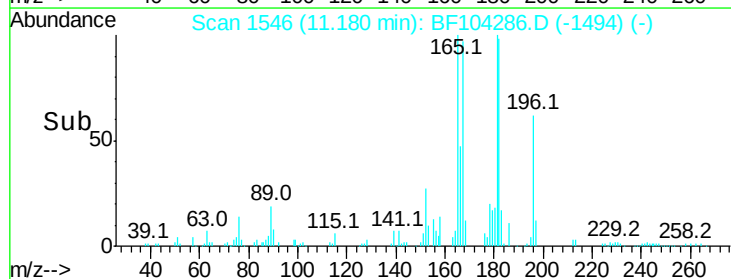
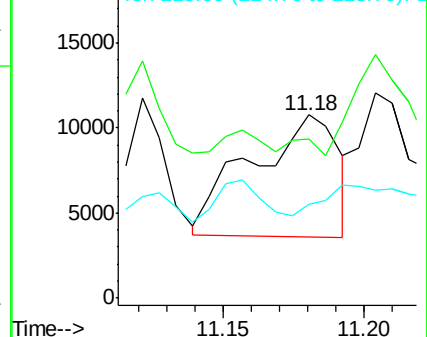
215 51.1 25.1 65.1

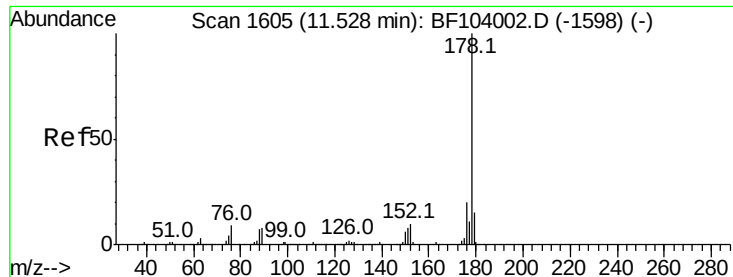


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

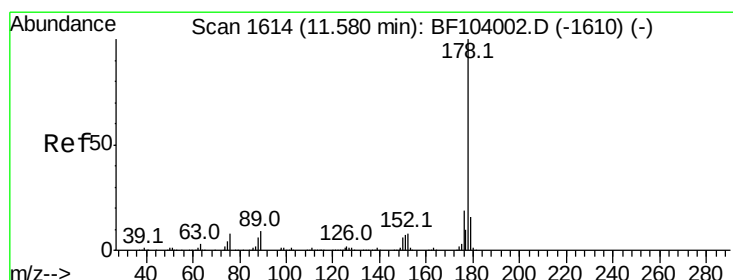
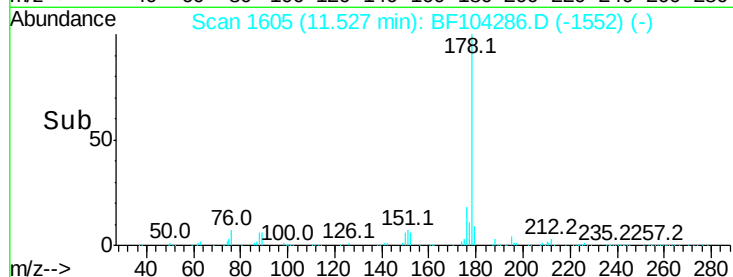
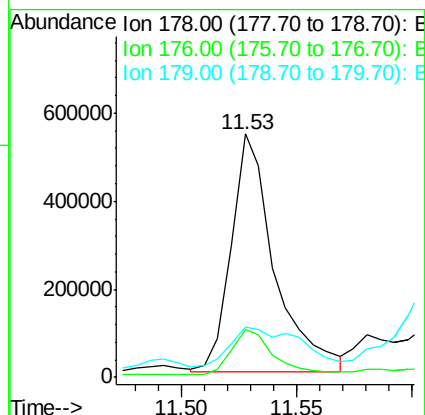
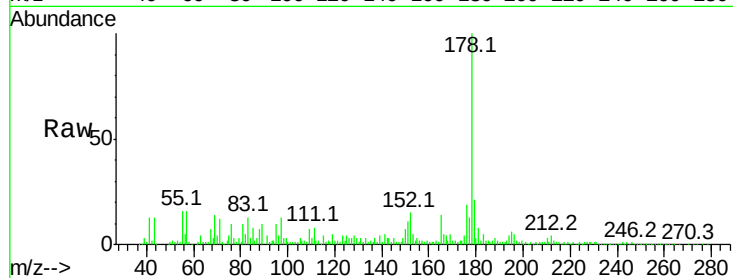




#70
Phenanthrene
Concen: 62.235 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.01 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

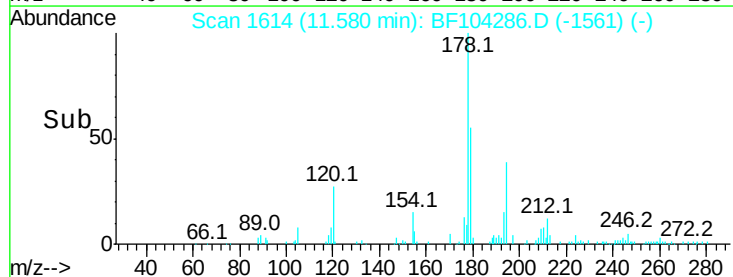
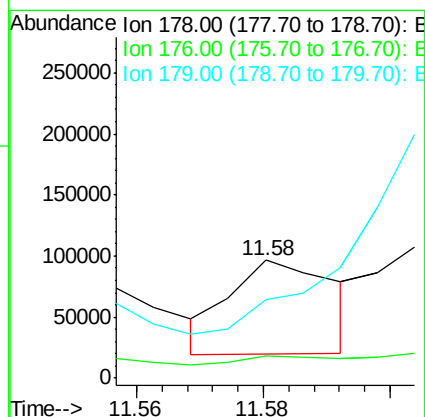
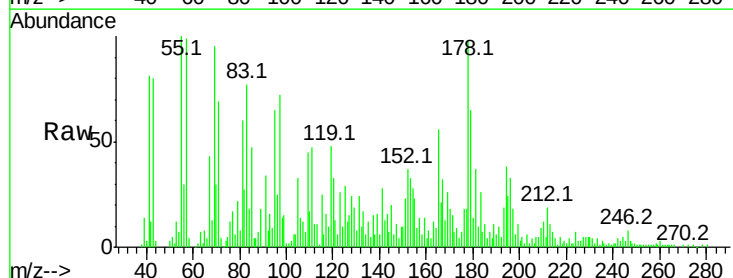
Instrument :
BNA_F
ClientSampleId :

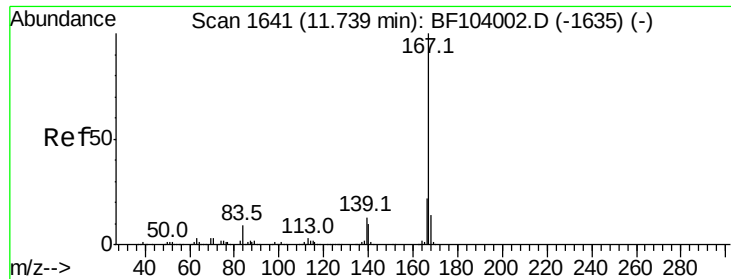
Tot Ion:178 Resp: 708766
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 20.7 13.0 19.6#



#71
Anthracene
Concen: 7.347 ng
RT: 11.58 min Scan# 1614
Delta R.T. 0.01 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

Tgt Ion:178 Resp: 87394
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 66.4 12.6 19.0#

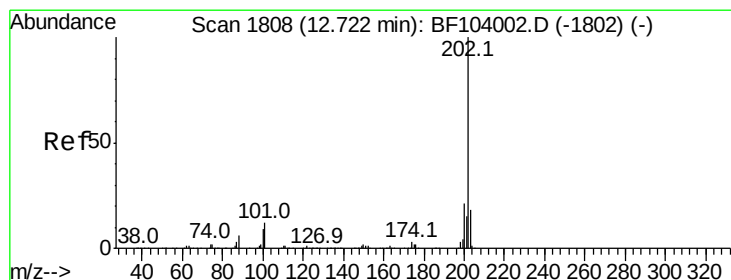
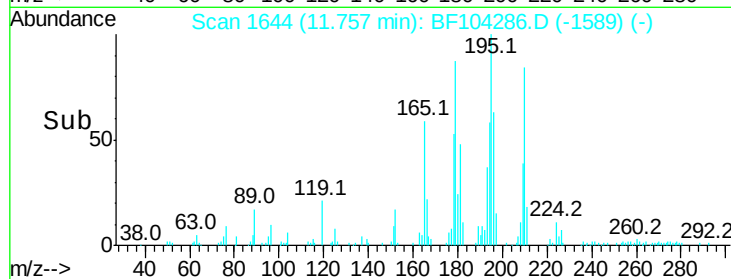
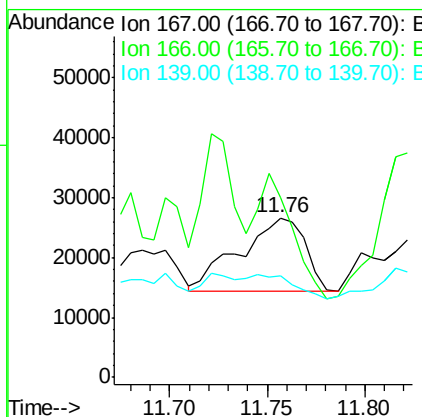
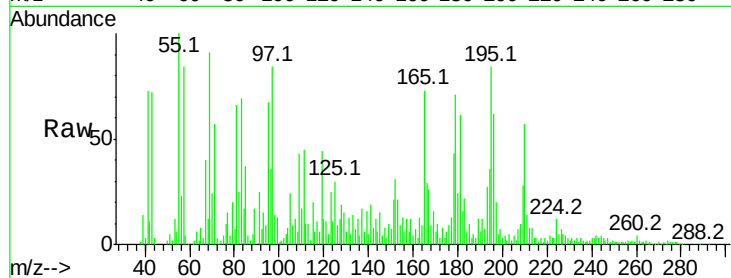




#72
 Carbazole
 Concen: 2.463 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. 0.02 min
 Lab File: BF104286.D
 Acq: 5 Apr 2018 22:46

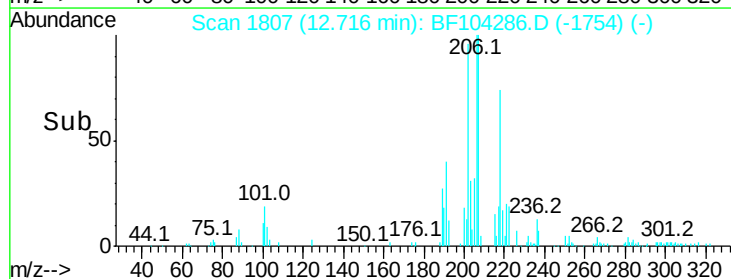
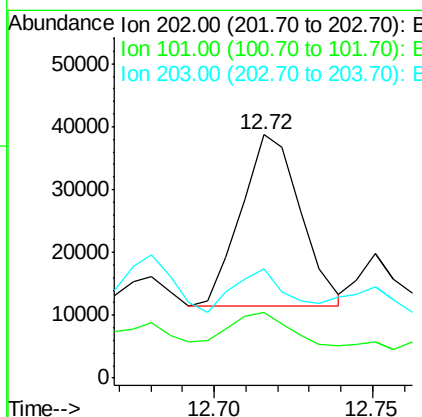
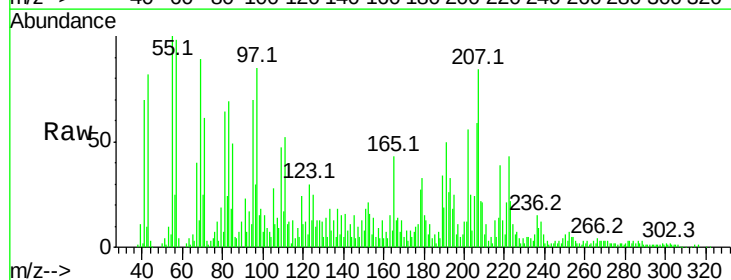
Instrument :
 BNA_F
 ClientSampled :

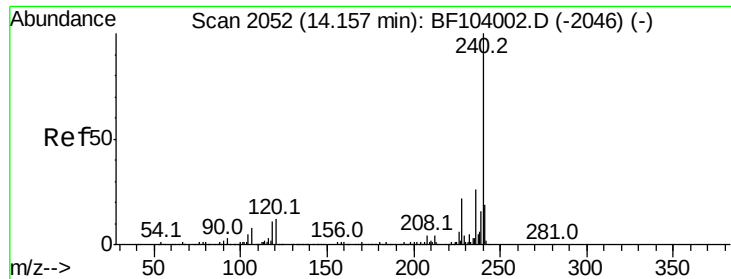
Tot Ion:167 Resp: 27960
 Ion Ratio Lower Upper
 167 100
 166 112.5 17.6 26.4#
 139 63.9 10.9 16.3#



#74
 Fluoranthene
 Concen: 2.952 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. 0.01 min
 Lab File: BF104286.D
 Acq: 5 Apr 2018 22:46

Tgt Ion:202 Resp: 35736
 Ion Ratio Lower Upper
 202 100
 101 27.1 0.0 34.1
 203 44.6 0.0 38.1#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

Instrument :

BNA_F

ClientSampleId :

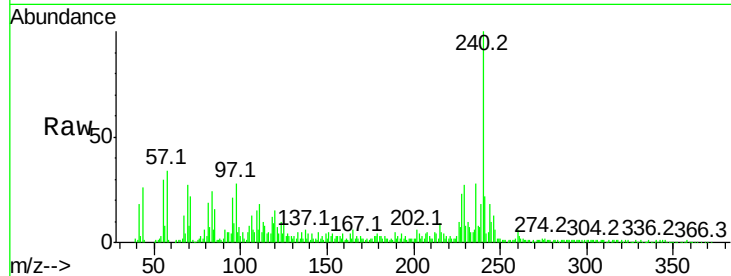
Tot Ion:240 Resp: 181531

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

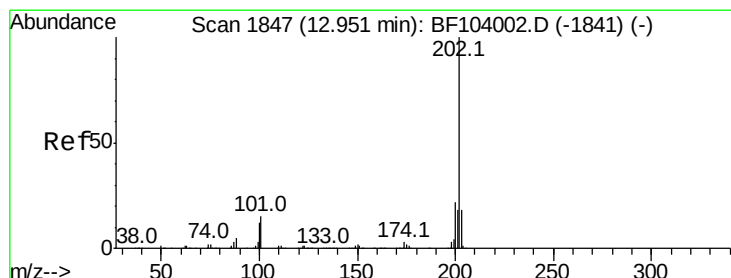
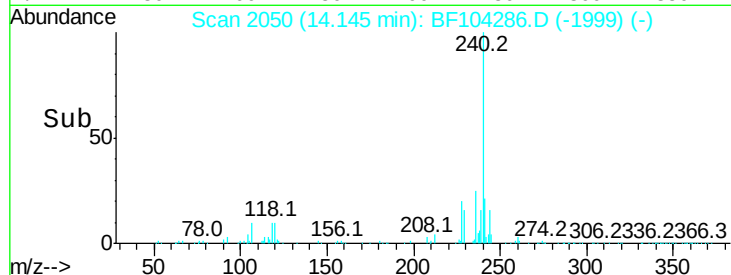
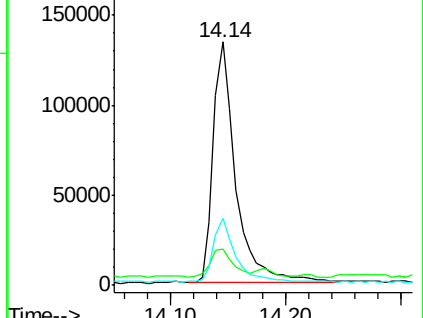
236 27.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 17.073 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.01 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

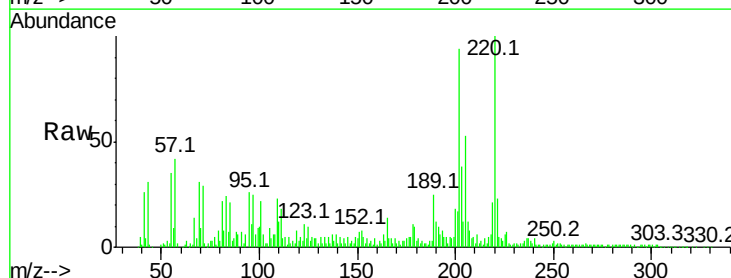
Tgt Ion:202 Resp: 222794

Ion Ratio Lower Upper

202 100

200 19.6 17.4 26.2

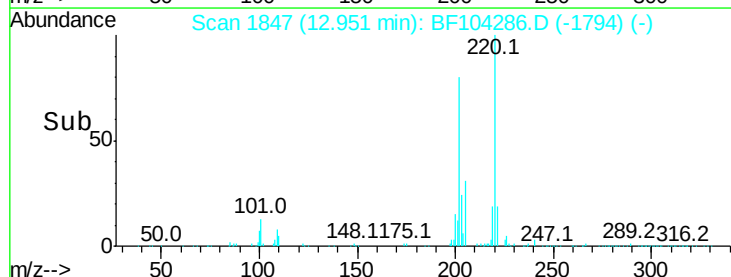
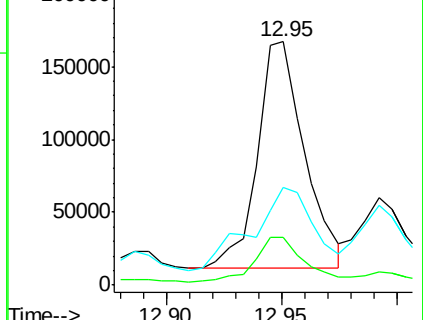
203 40.0 14.3 21.5#

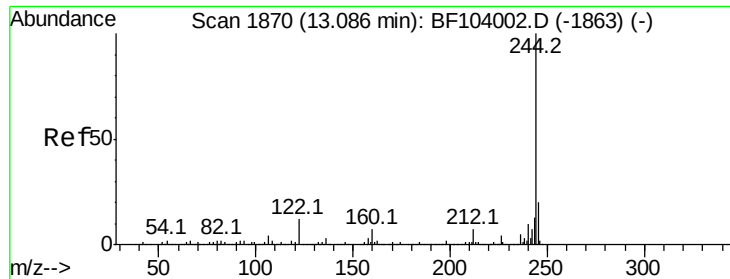


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 19.025 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

Instrument :

BNA_F

ClientSampleId :

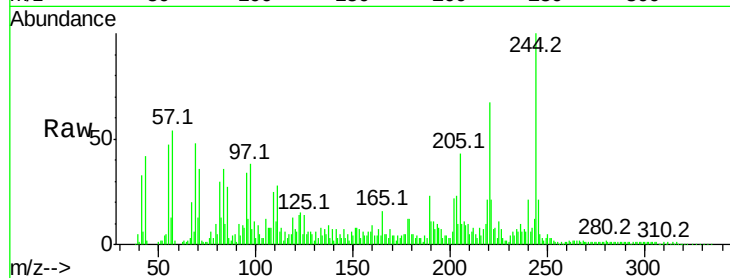
Tot Ion:244 Resp: 149578

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

122 13.6 11.0 16.4

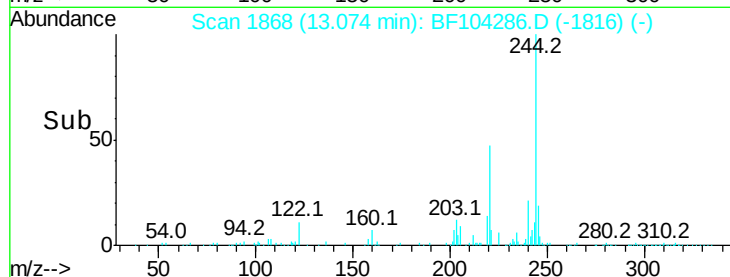


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.90 13.00 13.10 13.20



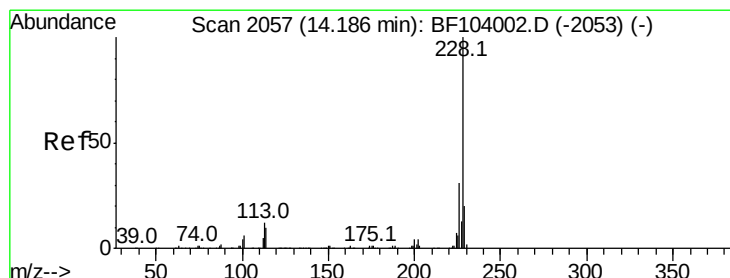
Abundance

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

Time--> 12.90 13.00 13.10 13.20



#82

Chrysene

Concen: 9.550 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BF104286.D

Acq: 5 Apr 2018 22:46

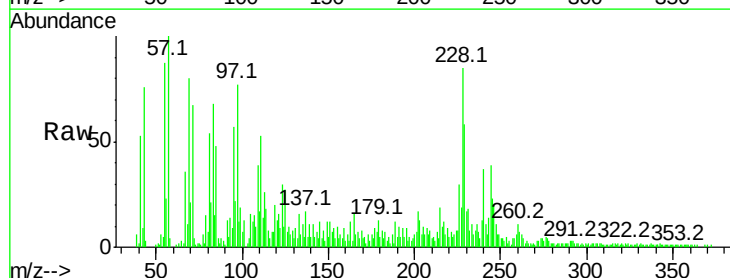
Tgt Ion:228 Resp: 106247

Ion Ratio Lower Upper

228 100

226 35.7 25.0 37.6

229 67.4 16.2 24.4#

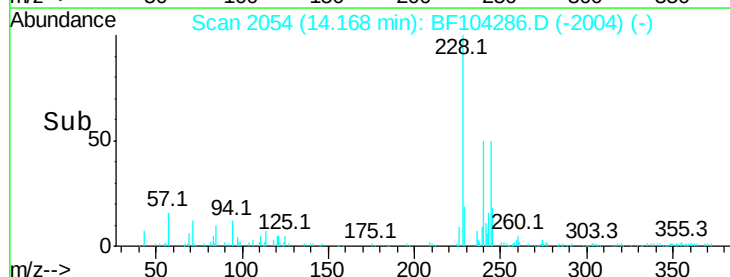


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time--> 14.10 14.15 14.20



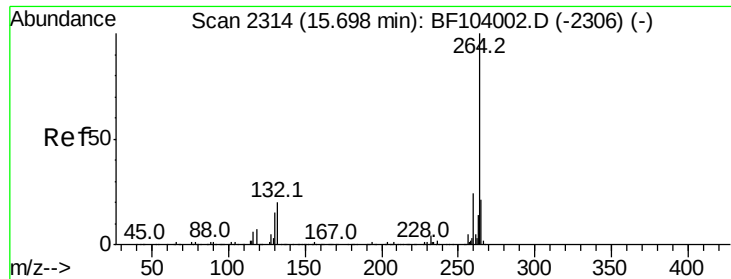
Abundance

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

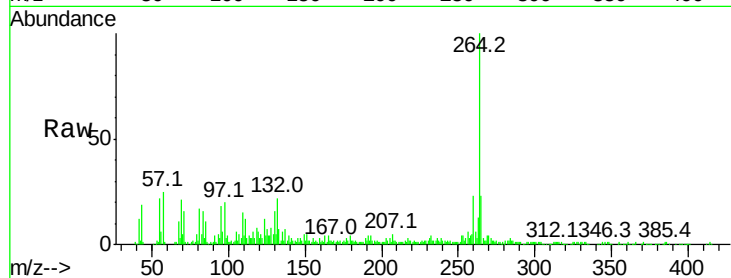
Time--> 14.10 14.15 14.20



#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BF104286.D
Acq: 5 Apr 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	23.1	17.5	26.3



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

