

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
 Data File : BF103066.D
 Acq On : 16 Feb 2018 21:26
 Operator : SJ/JU
 Sample : J1540-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 23:20:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	187515	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	728284	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	280861	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	376096	20.00	ng	0.00
75) Chrysene-d12	14.07	240	200993	20.00	ng	0.01
86) Perylene-d12	15.57	264	186157	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1426512	115.53	ng	0.01
7) Phenol-d6	6.52	99	1687004	113.47	ng	0.00
23) Nitrobenzene-d5	7.45	82	1048132	99.84	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	257258	113.80	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1308084	77.28	ng	0.00
78) Terphenyl-d14	13.00	244	696597	82.06	ng	0.01

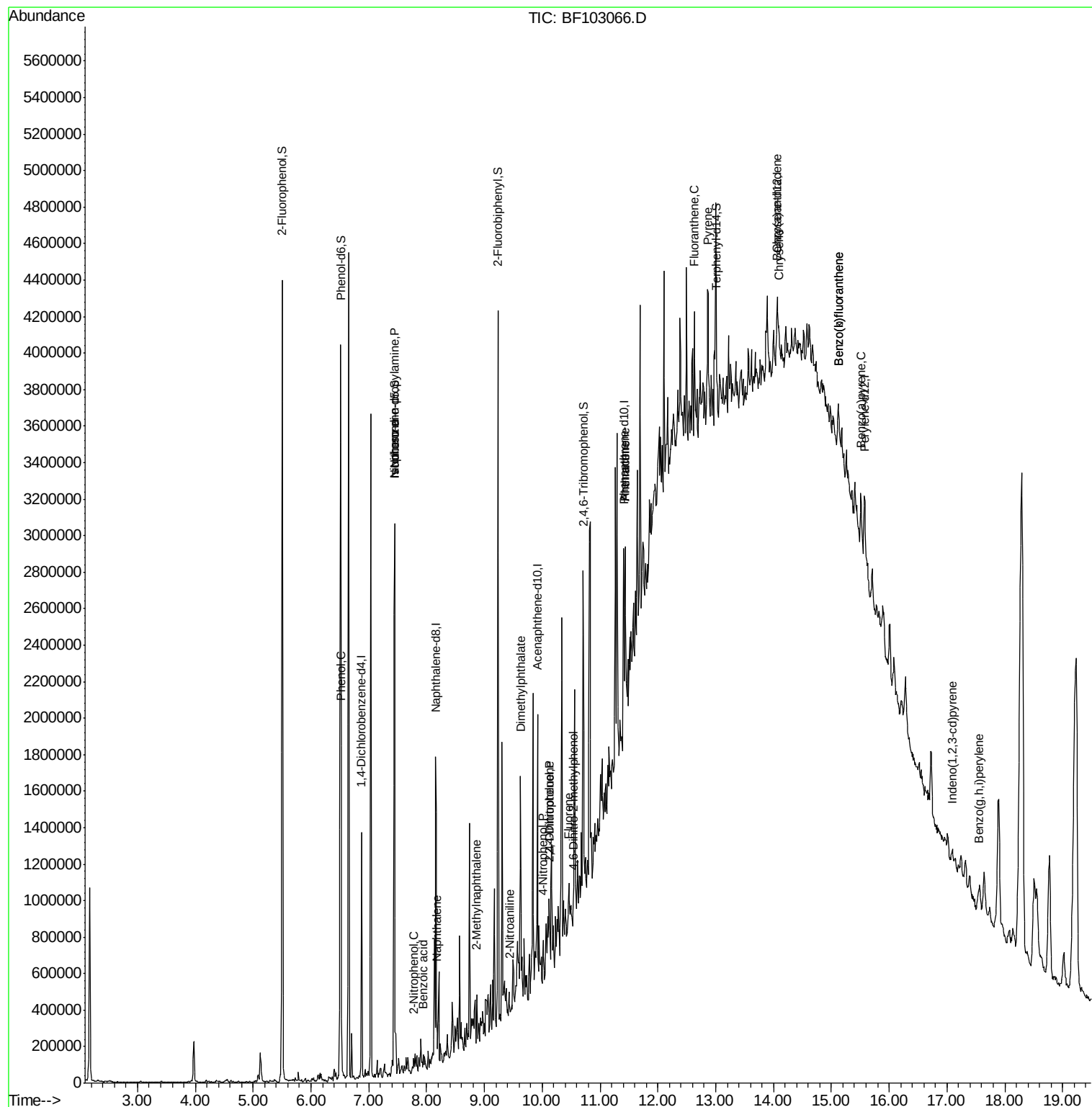
Target Compounds						Qvalue
10) Phenol	6.53	94	53392	3.35	ng	98
19) n-Nitroso-di-n-propylamine	7.45	70	147209	15.02	ng	# 79
25) Isophorone	7.45	82	1048132	43.36	ng	# 64
26) 2-Nitrophenol	7.77	139	701	8.78	ng	# 1
31) Naphthalene	8.18	128	77064	2.17	ng	98
32) Benzoic acid	7.95	122	3576	9.02	ng	# 36
37) 2-Methylnaphthalene	8.87	142	67026	2.88	ng	99
47) 2-Nitroaniline	9.44	65	1702	3.75	ng	# 47
49) Dimethylphthalate	9.62	163	121384	5.54	ng	# 98
53) 2,4-Dinitrophenol	10.13	184	243	8.25	ng	# 5
55) 4-Nitrophenol	10.02	139	4956	5.14	ng	# 1
56) 2,4-Dinitrotoluene	10.12	165	4002	3.75	ng	# 49
57) Fluorene	10.46	166	38943	2.20	ng	# 95
64) 4,6-Dinitro-2-methylphenol	10.53	198	229	8.93	ng	# 1
70) Phenanthrene	11.43	178	328523	15.68	ng	99
71) Anthracene	11.43	178	328523	15.42	ng	99
74) Fluoranthene	12.63	202	265396	12.59	ng	98
77) Pyrene	12.86	202	246033	15.61	ng	96
80) Benzo(a)anthracene	14.06	228	107511	8.51	ng	# 87
82) Chrysene	14.09	228	111706	8.77	ng	# 90
85) Indeno(1,2,3-cd)pyrene	17.09	276	52705	4.99	ng	97
87) Benzo(b)fluoranthene	15.13	252	133959	11.10	ng	# 30
88) Benzo(k)fluoranthene	15.13	252	133959	11.62	ng	# 33
89) Benzo(a)pyrene	15.51	252	72446	6.67	ng	# 44
91) Benzo(g,h,i)perylene	17.55	276	51456	5.96	ng	# 87

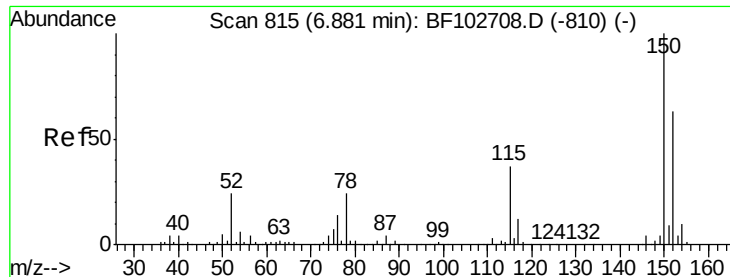
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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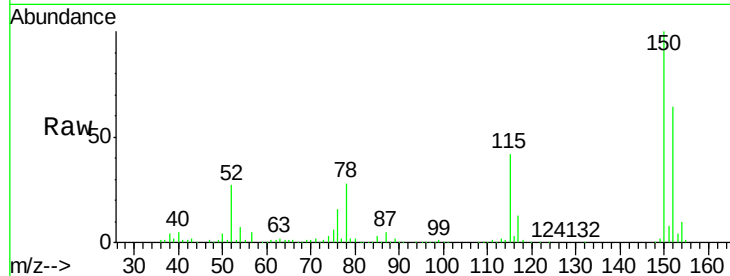


#1

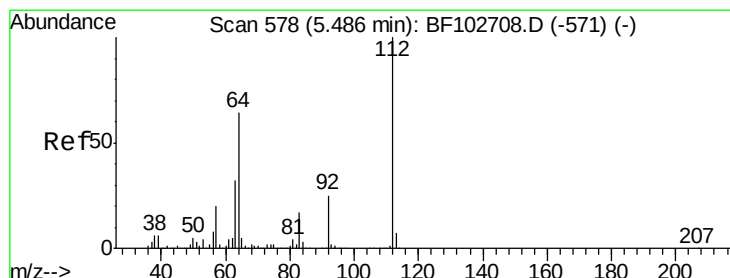
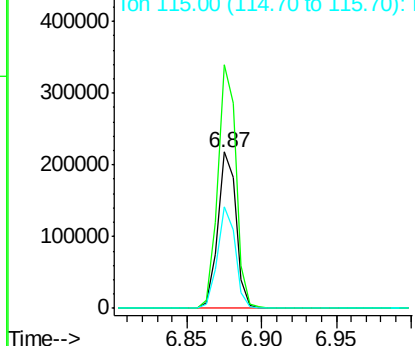
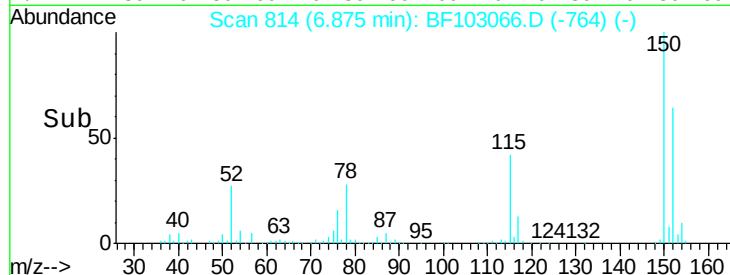
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 187515
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 65.3 50.1 75.1



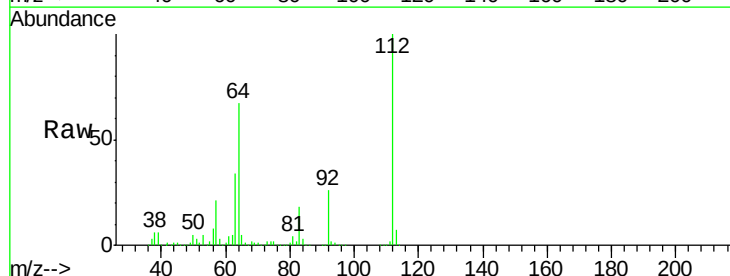
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



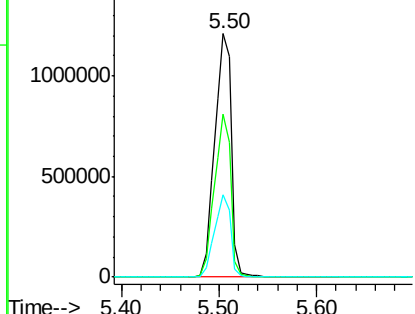
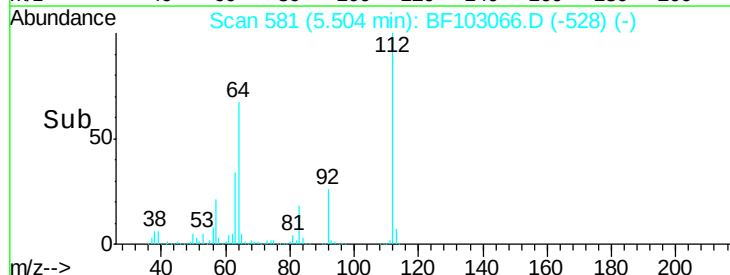
#5

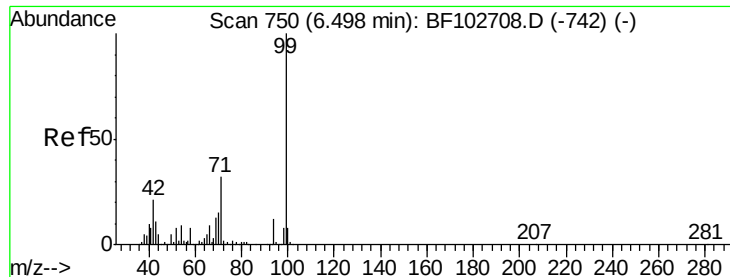
2-Fluorophenol
Concen: 115.53 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

Tgt Ion:112 Resp: 1426512
Ion Ratio Lower Upper
112 100
64 66.8 47.9 71.9
63 33.9 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: 113.47 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103066.D

Acq: 16 Feb 2018 21:26

Instrument :

BNA_F

ClientSampled :

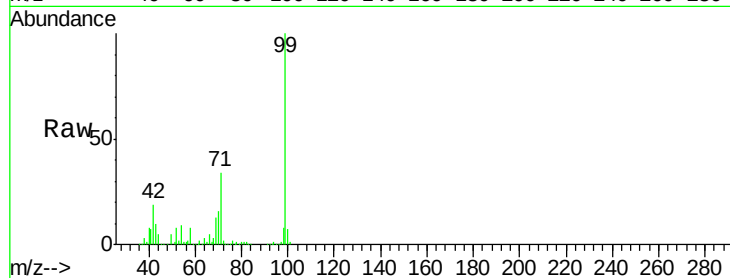
Tot Ion: 99 Resp: 1687004

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

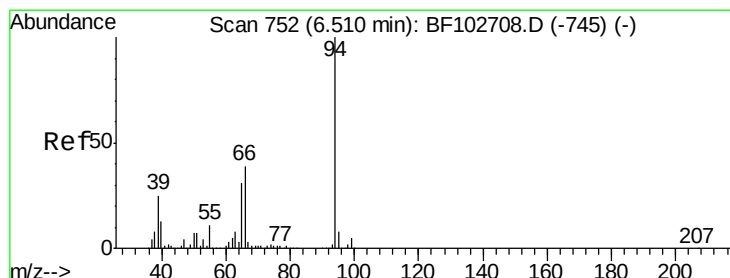
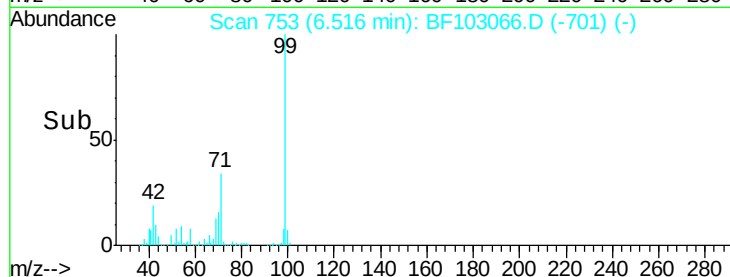
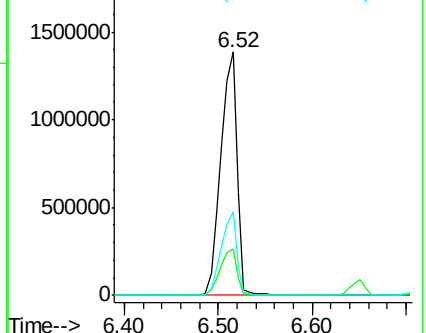
71 34.2 25.4 38.0



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



#10

Phenol

Concen: 3.35 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103066.D

Acq: 16 Feb 2018 21:26

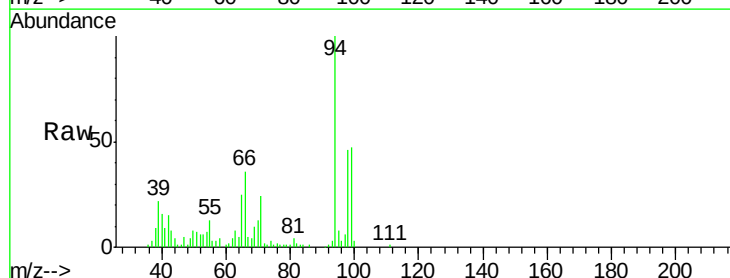
Tgt Ion: 94 Resp: 53392

Ion Ratio Lower Upper

94 100

65 25.4 7.9 47.9

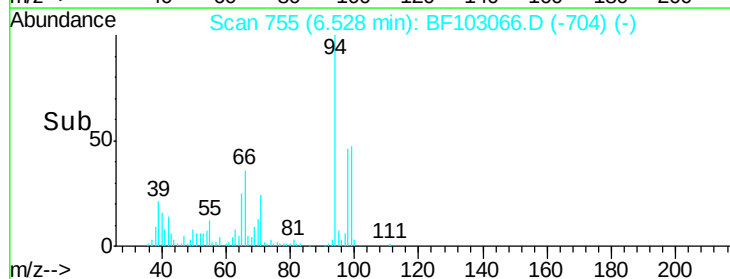
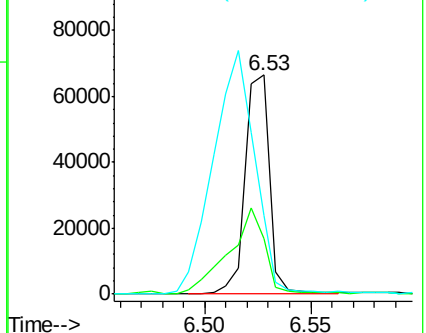
66 36.0 16.2 56.2

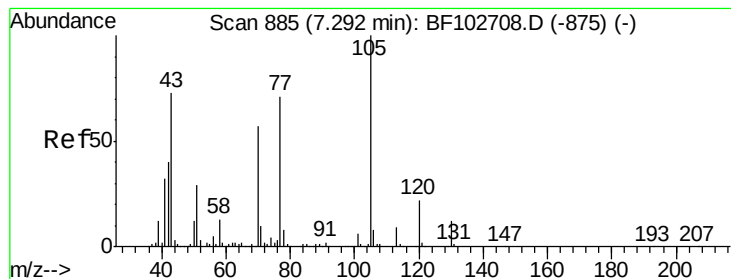


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.02 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF103066.D

Acq: 16 Feb 2018 21:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 147209

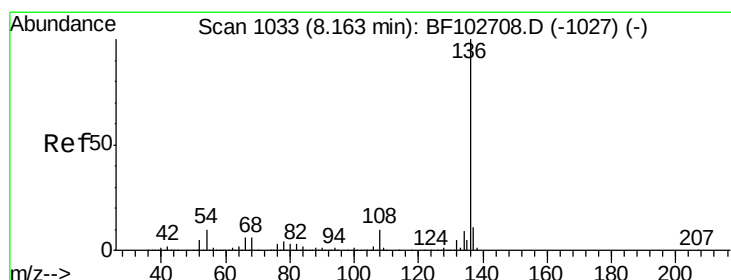
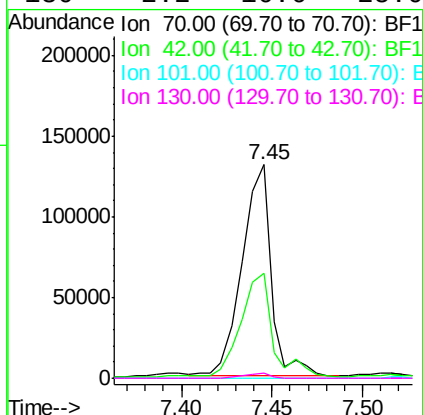
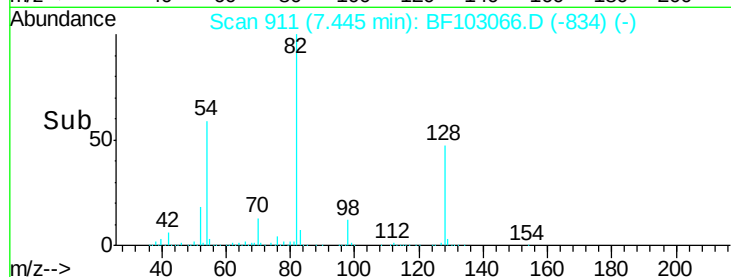
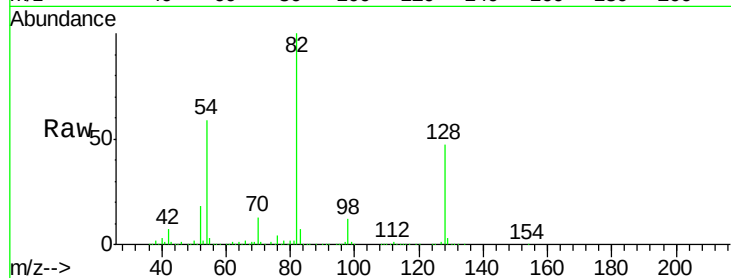
Ion Ratio Lower Upper

70 100

42 48.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103066.D

Acq: 16 Feb 2018 21:26

Tgt Ion:136 Resp: 728284

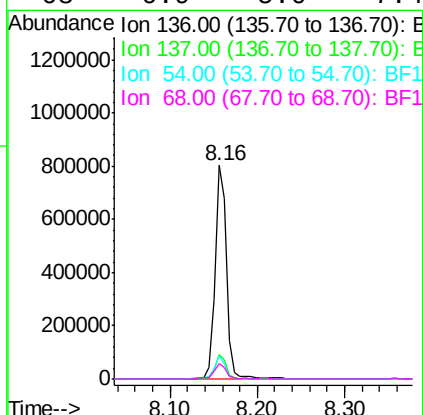
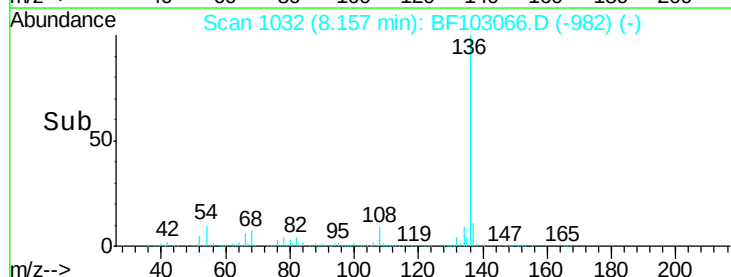
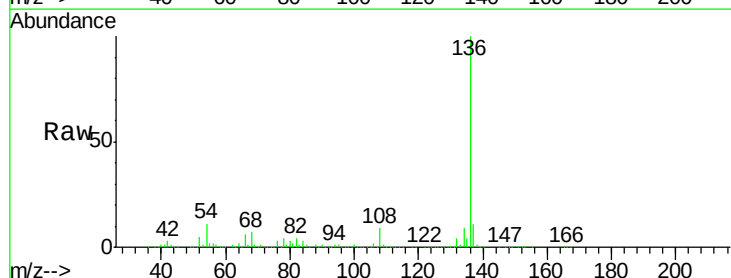
Ion Ratio Lower Upper

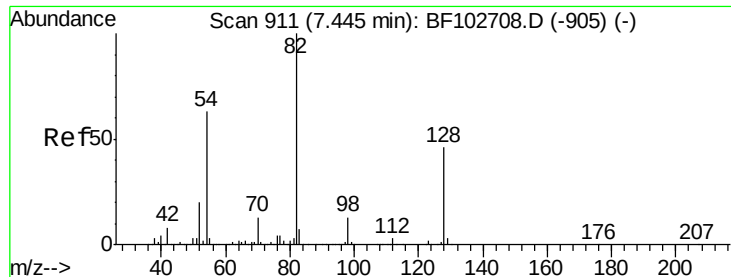
136 100

137 11.2 8.9 13.3

54 10.5 6.6 9.8#

68 6.9 5.0 7.4

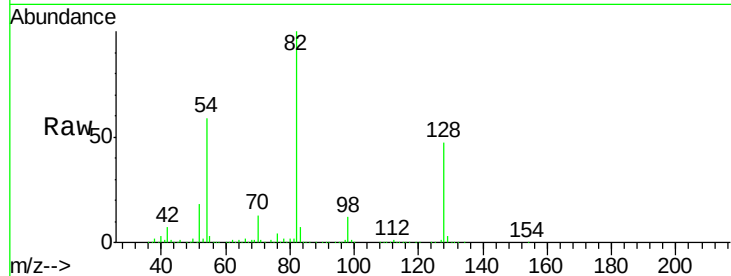




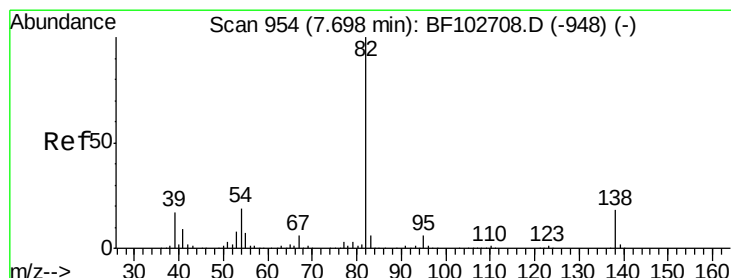
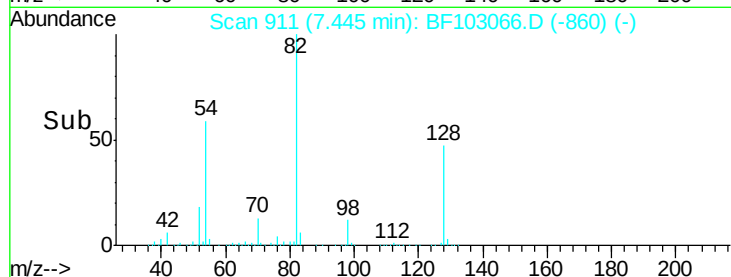
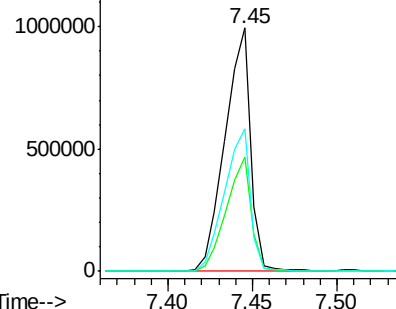
#23
 Nitrobenzene-d5
 Concen: 99.84 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103066.D
 Acq: 16 Feb 2018 21:26

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 1048132
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 58.8 41.4 62.2

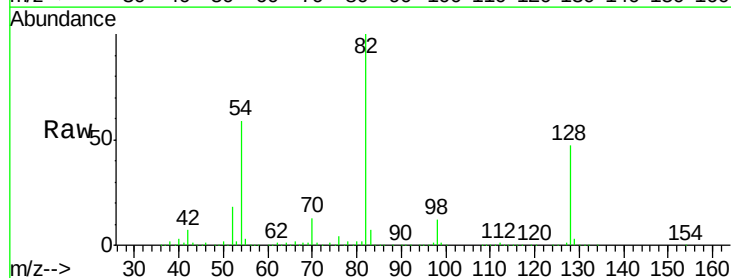


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

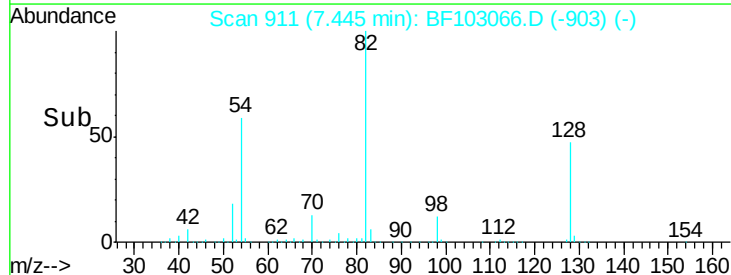
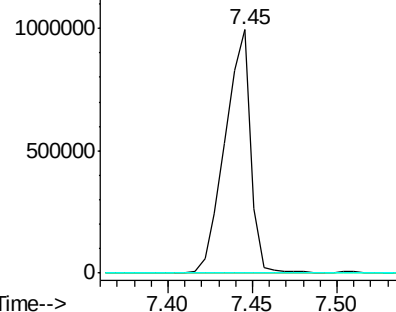


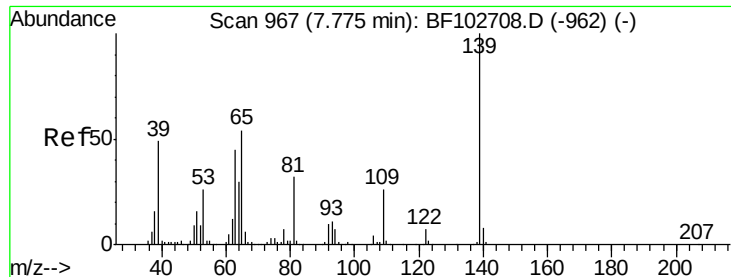
#25
 Isophorone
 Concen: 43.36 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.25 min
 Lab File: BF103066.D
 Acq: 16 Feb 2018 21:26

Tgt Ion: 82 Resp: 1048132
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#26

2-Nitrophenol

Concen: 8.78 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF103066.D

Acq: 16 Feb 2018 21:26

Instrument :

BNA_F

ClientSampled :

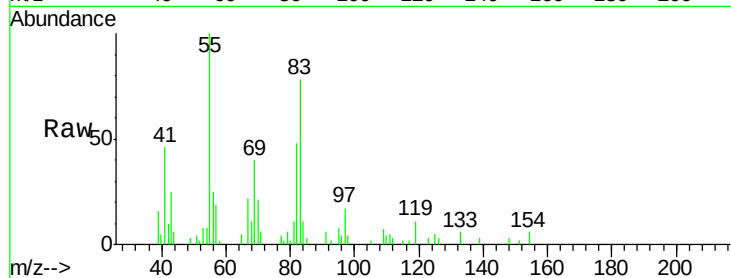
Tot Ion:139 Resp: 701

Ion Ratio Lower Upper

139 100

109 277.3 22.7 34.1#

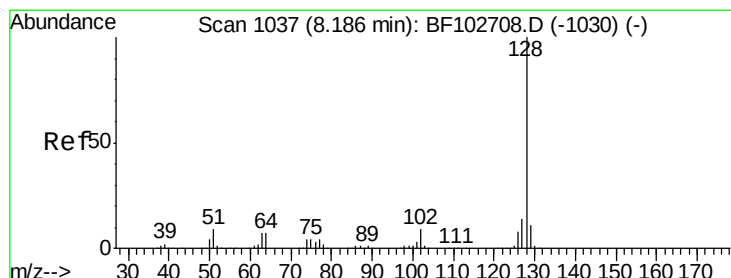
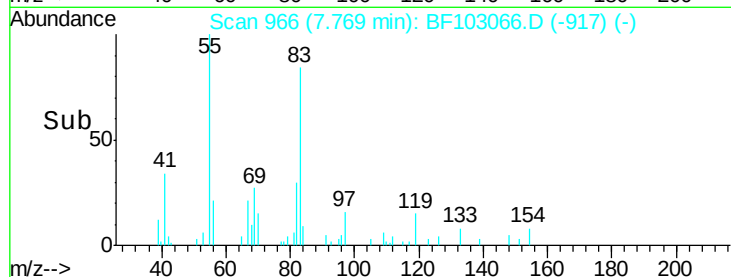
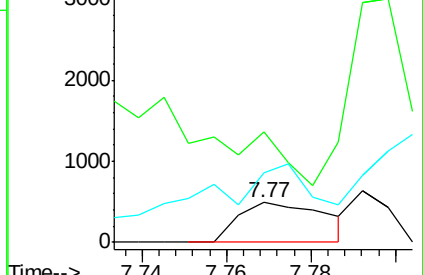
65 174.2 40.5 60.7#



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



#31

Naphthalene

Concen: 2.17 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF103066.D

Acq: 16 Feb 2018 21:26

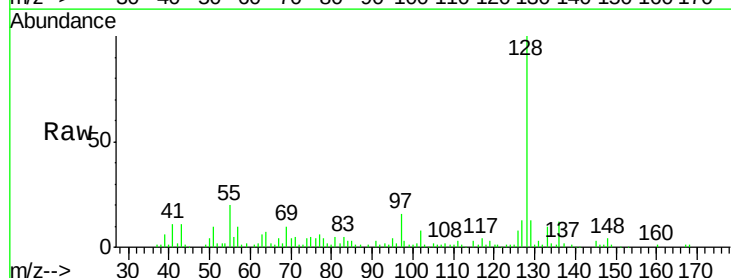
Tgt Ion:128 Resp: 77064

Ion Ratio Lower Upper

128 100

129 13.0 8.8 13.2

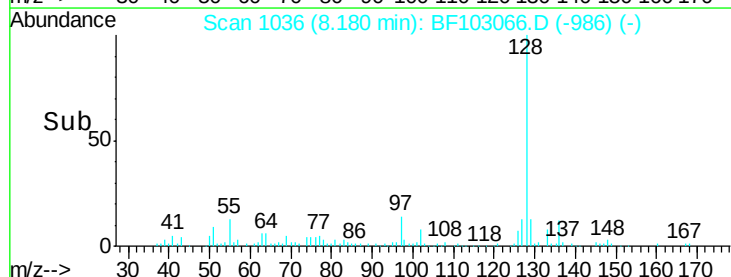
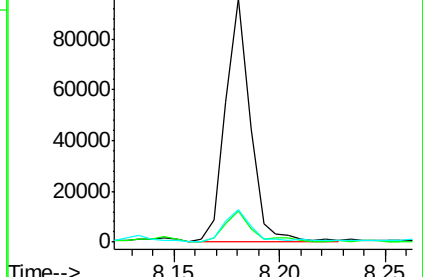
127 13.5 10.9 16.3

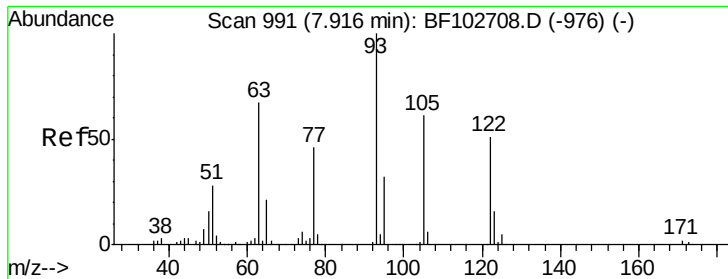


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

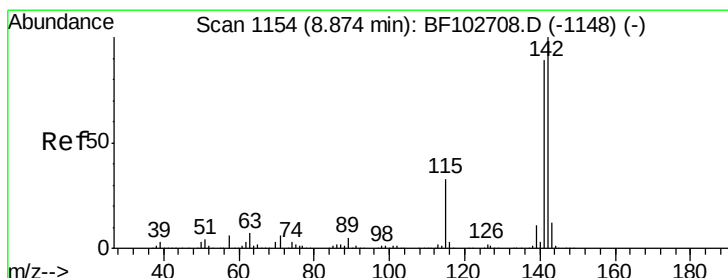
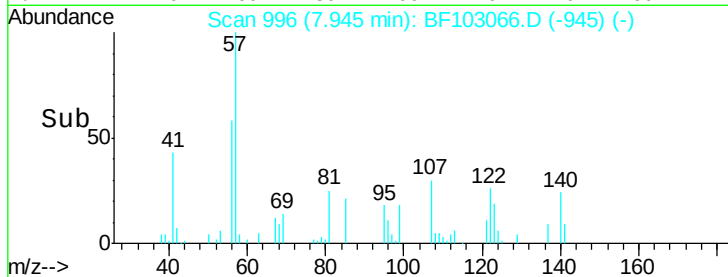
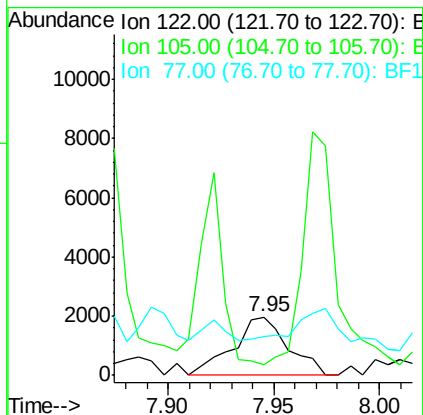
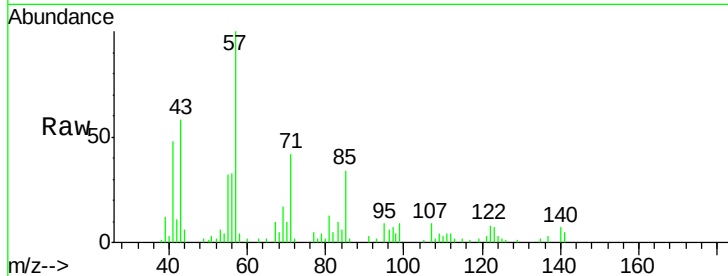




#32
Benzoic acid
Concen: 9.02 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

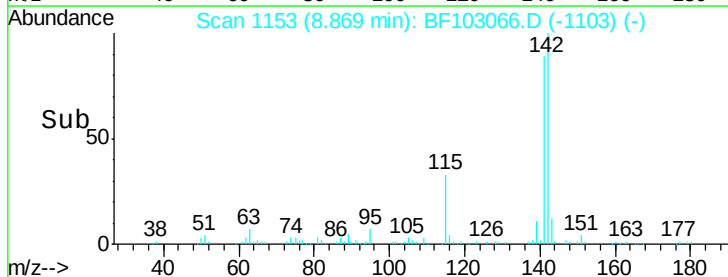
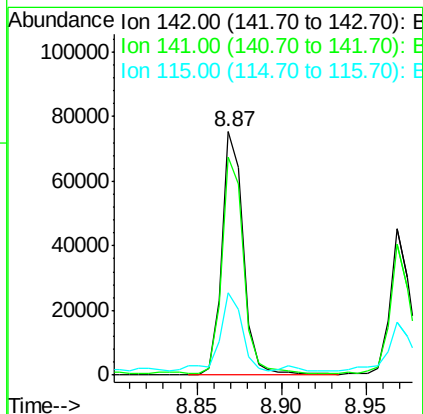
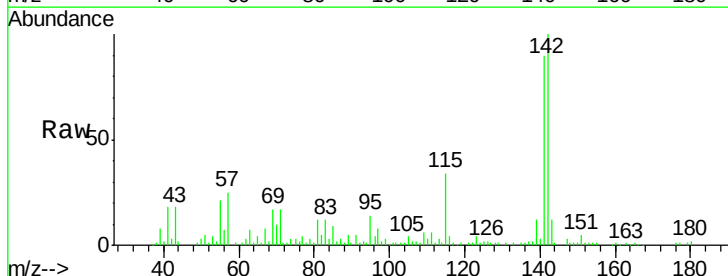
Instrument :
BNA_F
ClientSampleId :

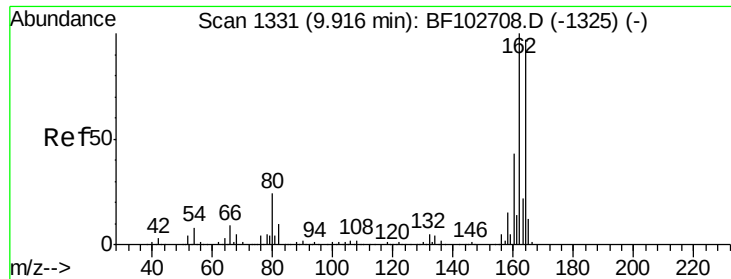
Tot Ion:122 Resp: 3576
Ion Ratio Lower Upper
122 100
105 17.8 101.1 141.1#
77 65.5 70.7 110.7#



#37
2-Methylnaphthalene
Concen: 2.88 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

Tgt Ion:142 Resp: 67026
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 33.6 26.1 39.1

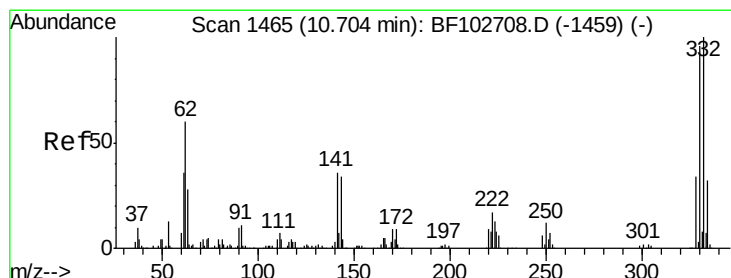
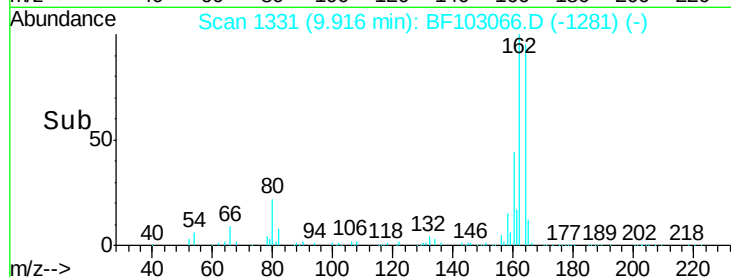
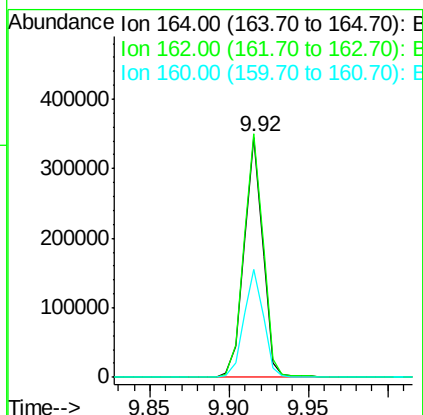
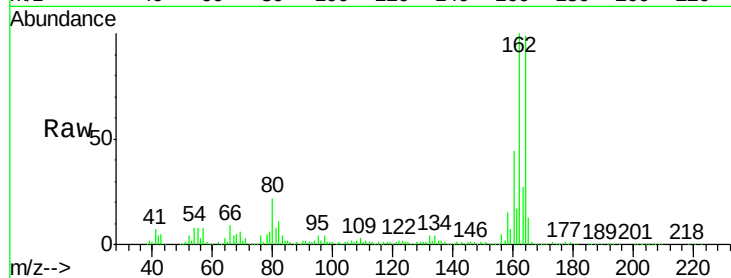




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

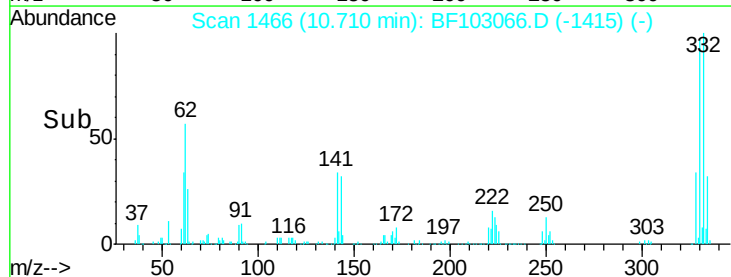
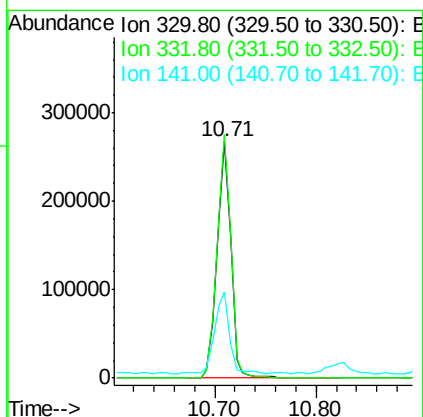
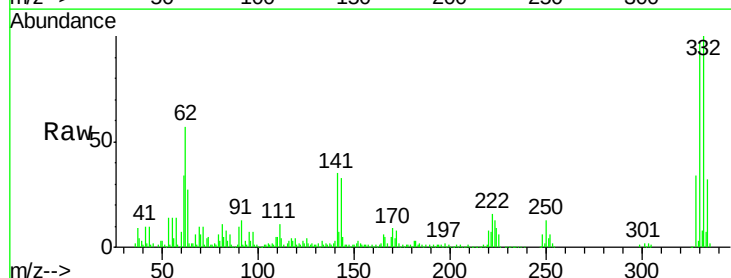
Instrument :
BNA_F
ClientSampleId :

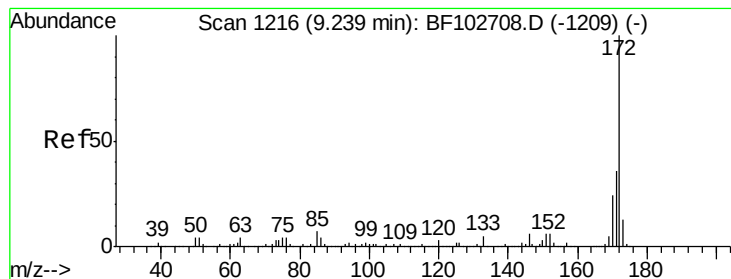
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	44.8	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 113.80 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.1	77.0	115.6
141	36.6	29.9	44.9





#44

2-Fluorobiphenyl

Concen: 77.28 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF103066.D

Acq: 16 Feb 2018 21:26

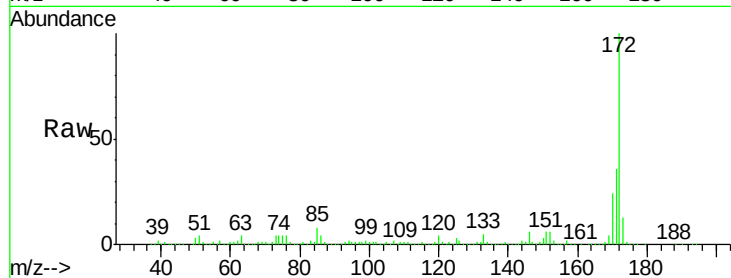
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1308084

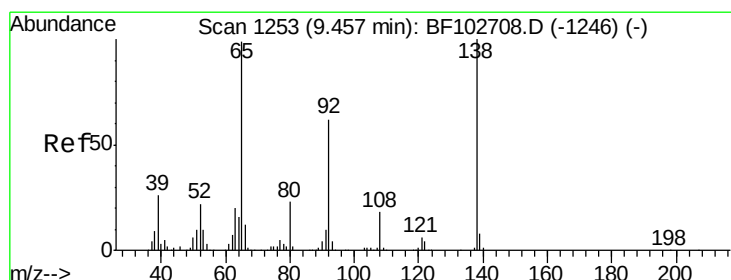
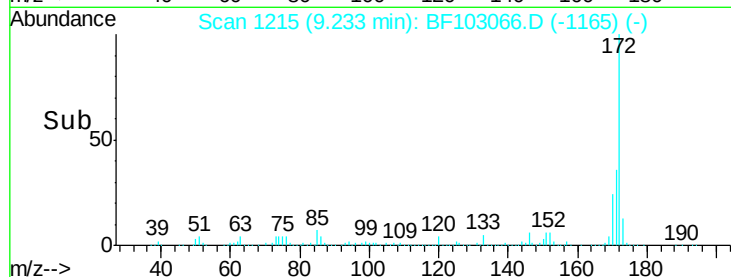
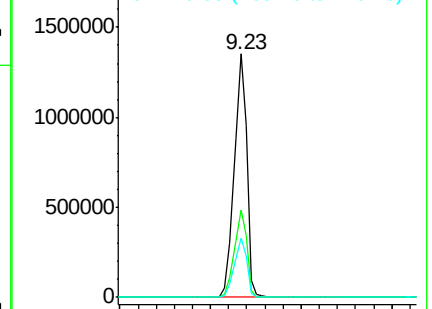
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	19.6	29.4



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



#47

2-Nitroaniline

Concen: 3.75 ng

RT: 9.44 min Scan# 1250

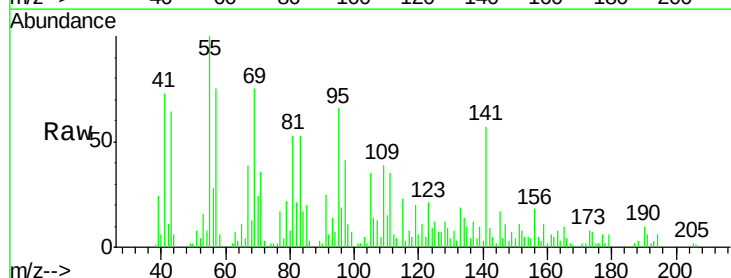
Delta R.T. -0.02 min

Lab File: BF103066.D

Acq: 16 Feb 2018 21:26

Tgt Ion: 65 Resp: 1702

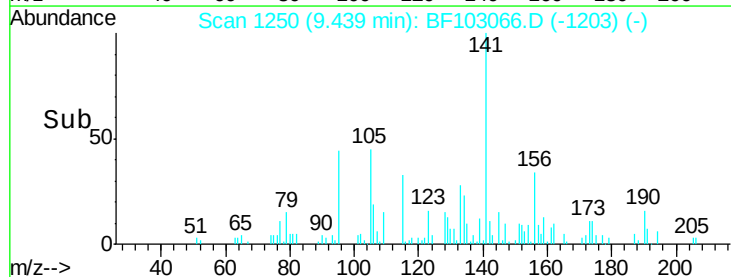
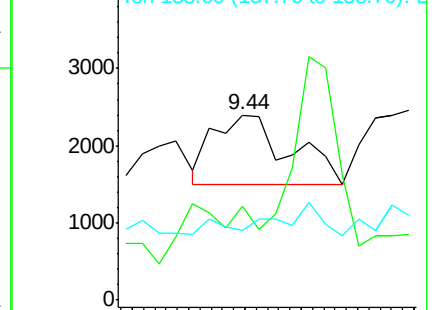
Ion	Ratio	Lower	Upper
65	100		
92	50.5	55.8	83.6#
138	37.8	91.2	136.8#

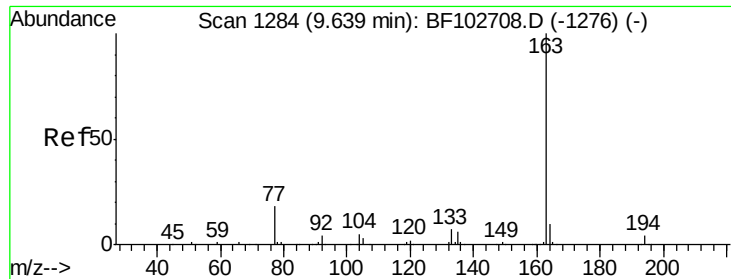


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

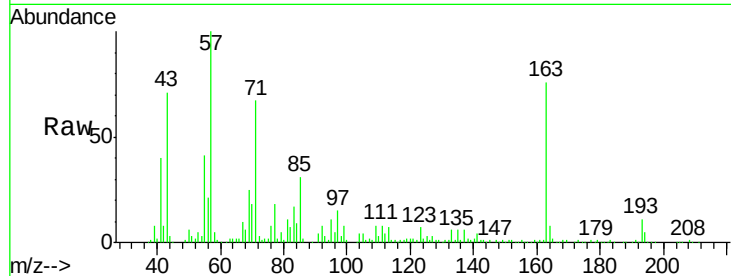




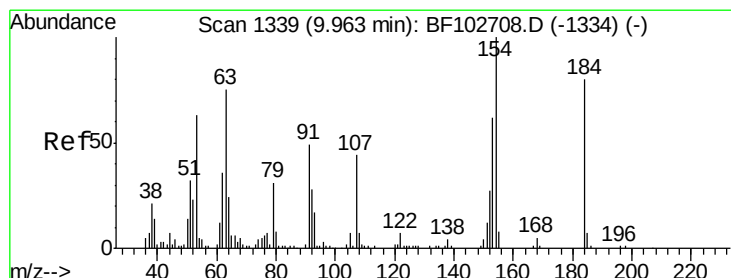
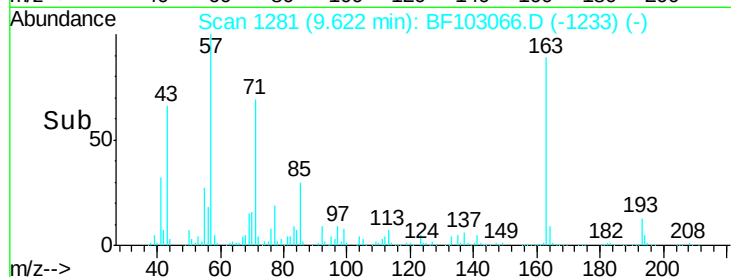
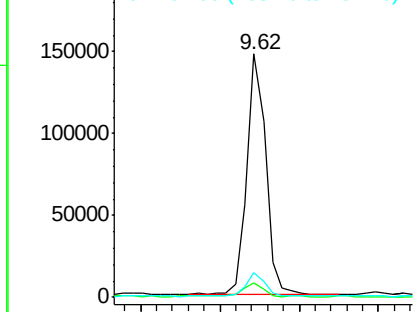
#49
Dimethylphthalate
Concen: 5.54 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 121384
Ion Ratio Lower Upper
163 100
194 5.9 2.7 4.1#
164 10.1 8.2 12.2

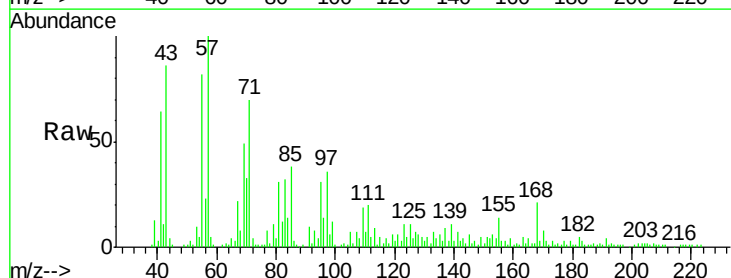


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

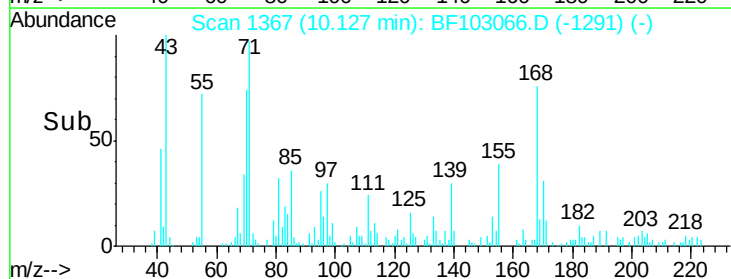
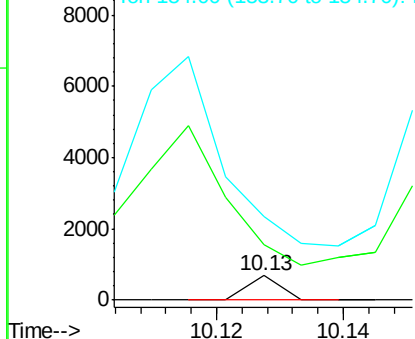


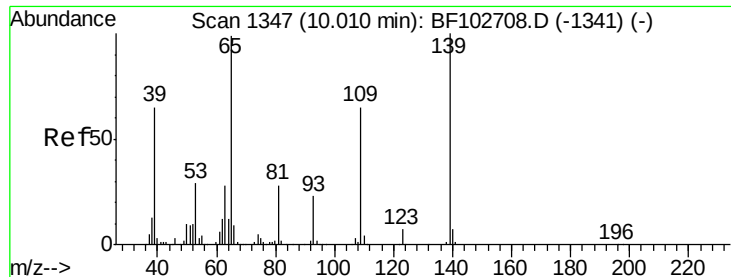
#53
2,4-Dinitrophenol
Concen: 8.25 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.15 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

Tgt Ion:184 Resp: 243
Ion Ratio Lower Upper
184 100
63 224.2 54.2 81.2#
154 338.3 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

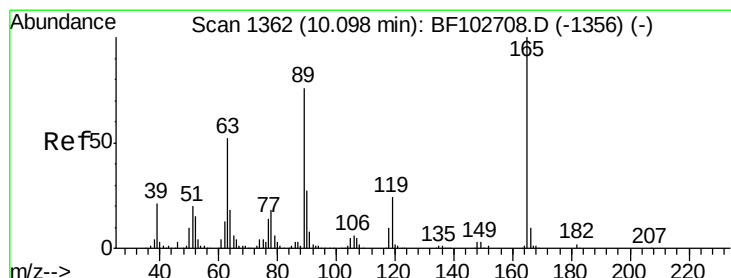
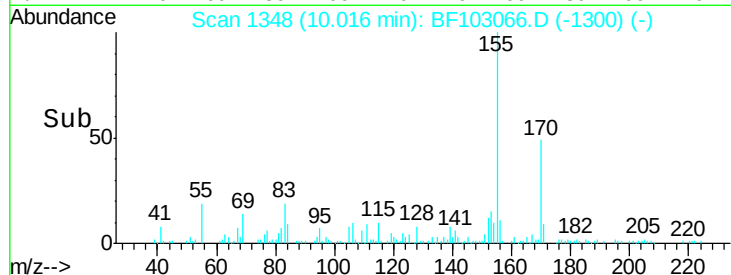
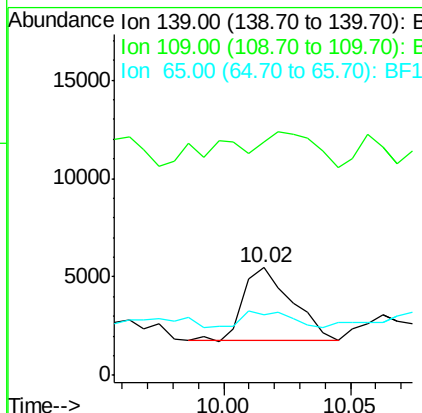
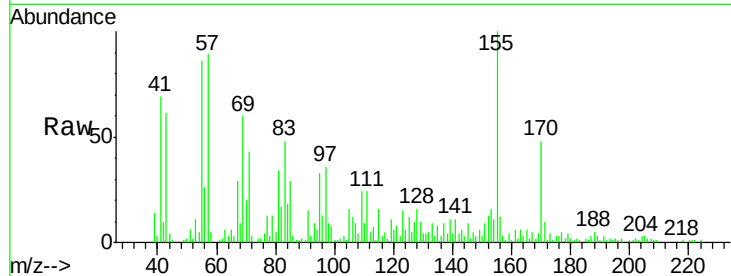




#55
4-Nitrophenol
Concen: 5.14 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

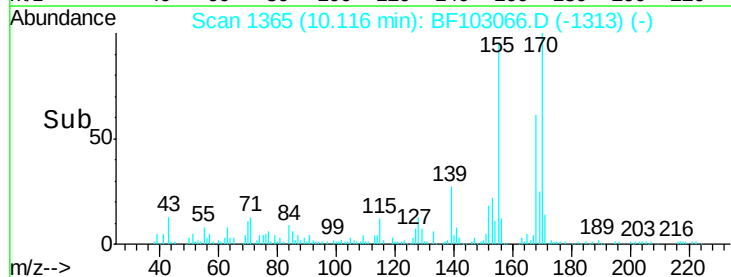
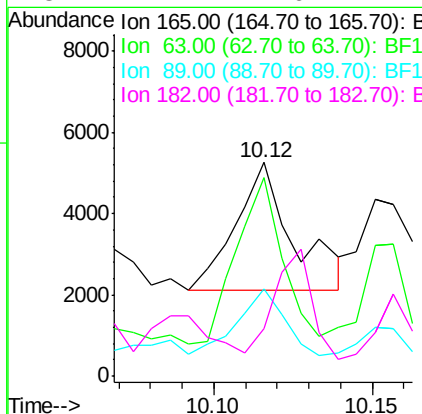
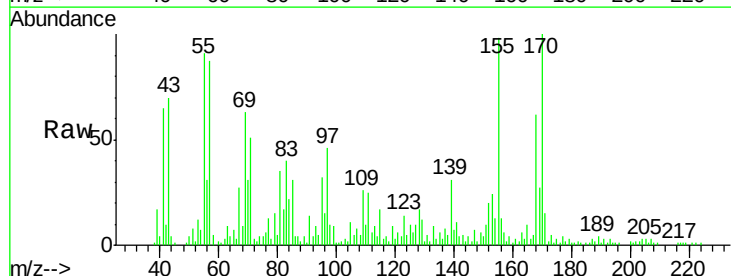
Instrument :
BNA_F
ClientSampleId :

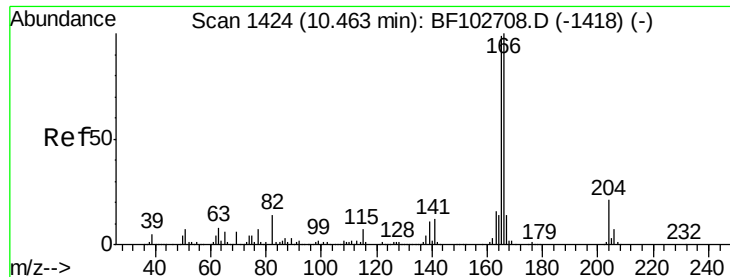
Tot Ion:139 Resp: 4956
Ion Ratio Lower Upper
139 100
109 217.2 48.4 88.4#
65 57.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 3.75 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

Tgt Ion:165 Resp: 4002
Ion Ratio Lower Upper
165 100
63 93.0 36.4 54.6#
89 40.8 57.8 86.6#
182 22.4 1.6 2.4#

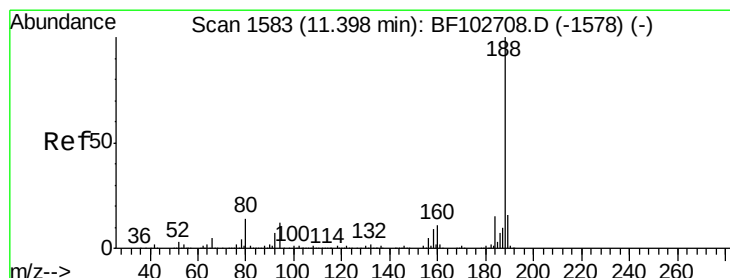
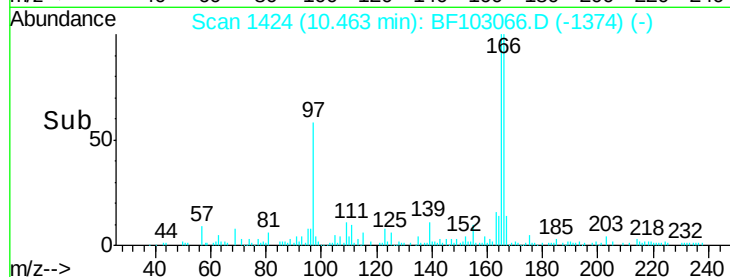
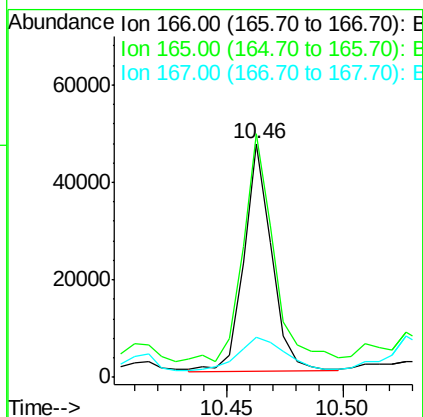
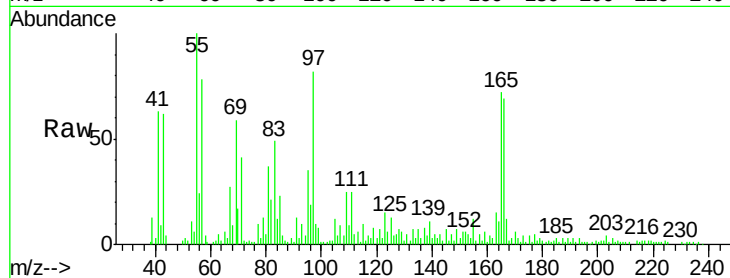




#57
 Fluorene
 Concen: 2.20 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF103066.D
 Acq: 16 Feb 2018 21:26

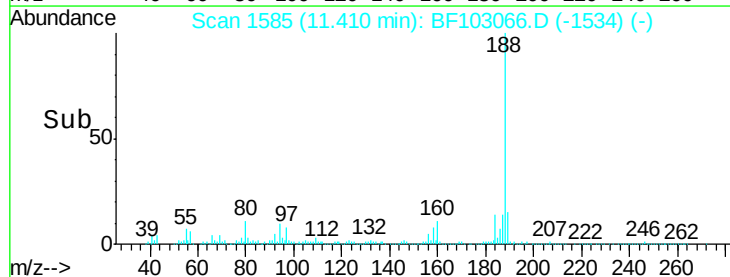
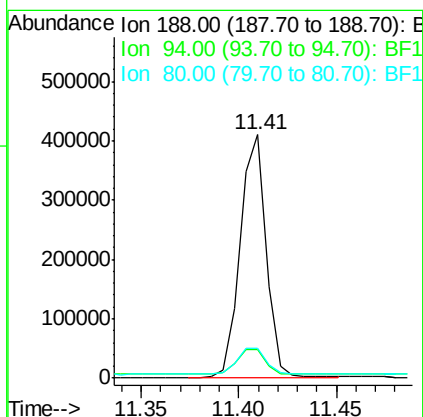
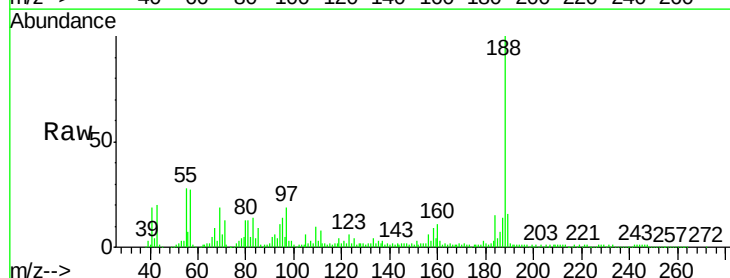
Instrument :
 BNA_F
 ClientSampleId :

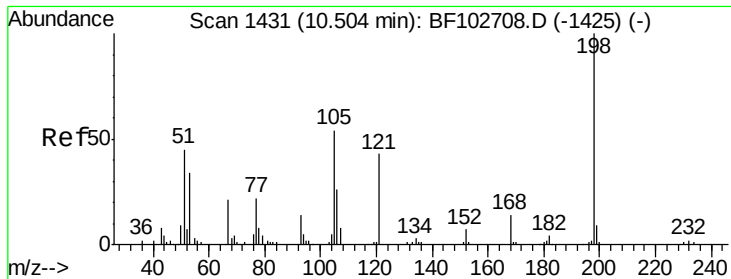
Tot Ion:166 Resp: 38943
 Ion Ratio Lower Upper
 166 100
 165 104.2 79.8 119.8
 167 17.1 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF103066.D
 Acq: 16 Feb 2018 21:26

Tgt Ion:188 Resp: 376096
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 12.5 9.2 13.8

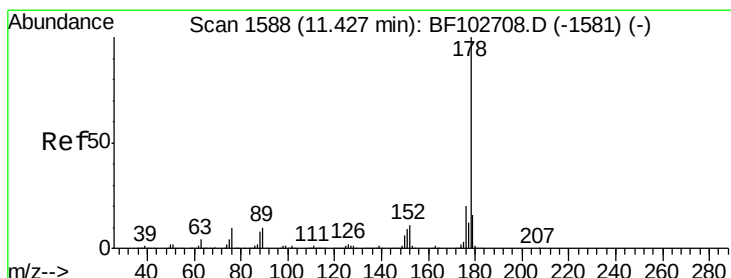
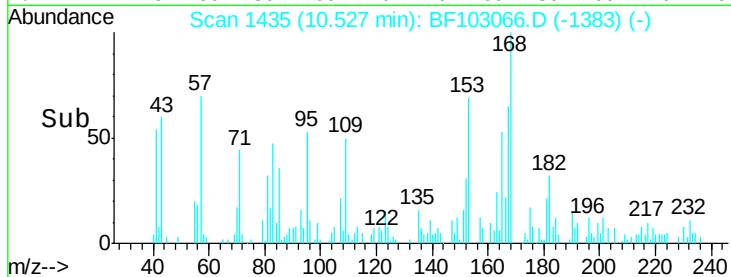
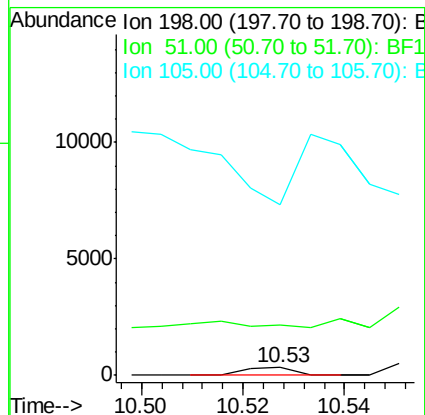
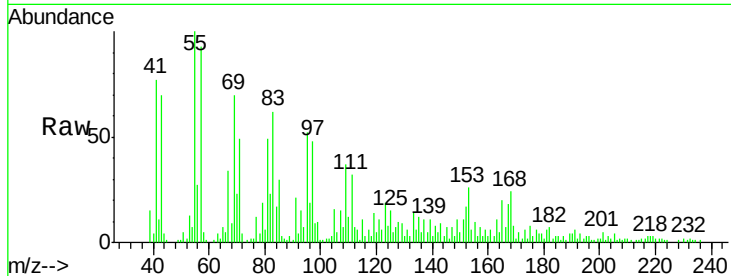




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.93 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF103066.D
 Acq: 16 Feb 2018 21:26

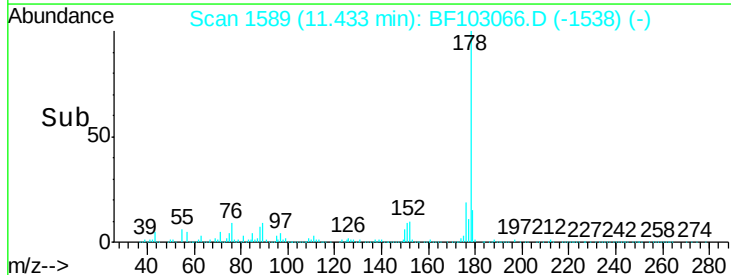
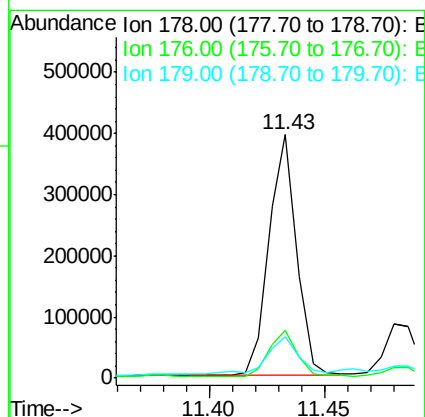
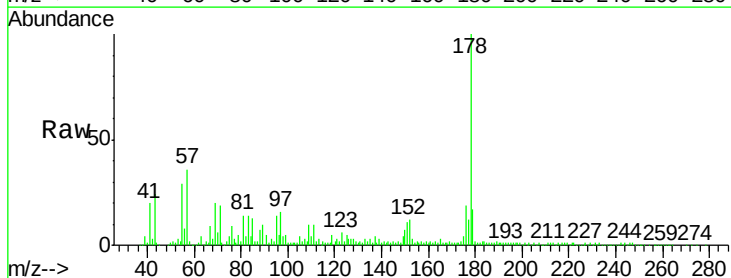
Instrument :
 BNA_F
 ClientSampled :

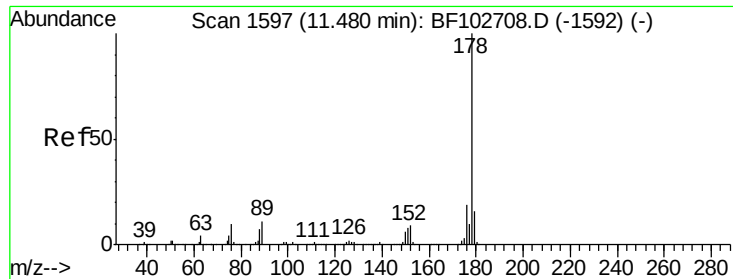
Tot Ion:198 Resp: 229
 Ion Ratio Lower Upper
 198 100
 51 654.5 37.7 77.7#
 105 2224.8 36.3 76.3#



#70
 Phenanthrene
 Concen: 15.68 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103066.D
 Acq: 16 Feb 2018 21:26

Tgt Ion:178 Resp: 328523
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 16.8 13.0 19.6

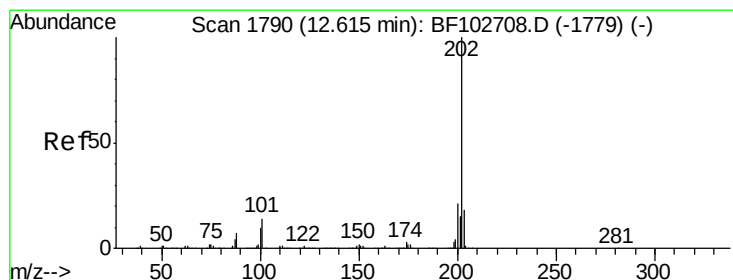
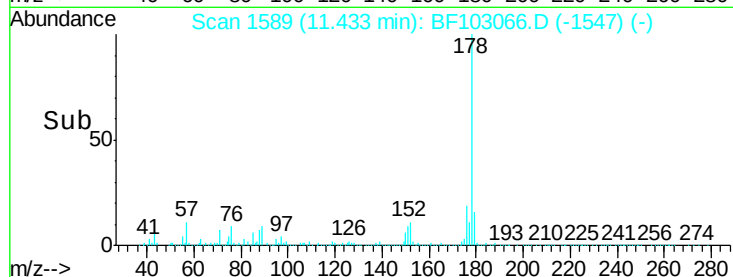
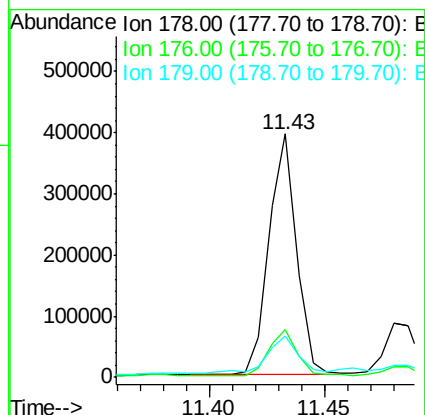
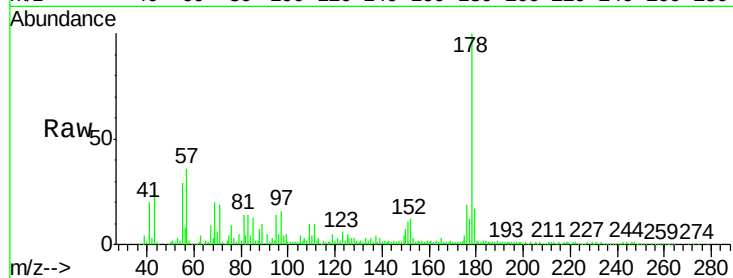




#71
 Anthracene
 Concen: 15.42 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.05 min
 Lab File: BF103066.D
 Acq: 16 Feb 2018 21:26

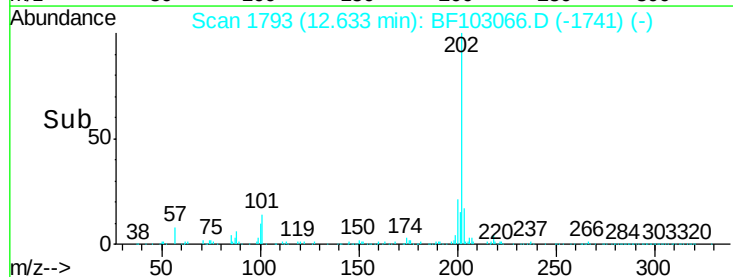
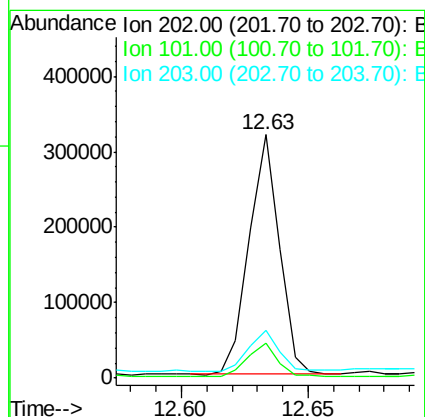
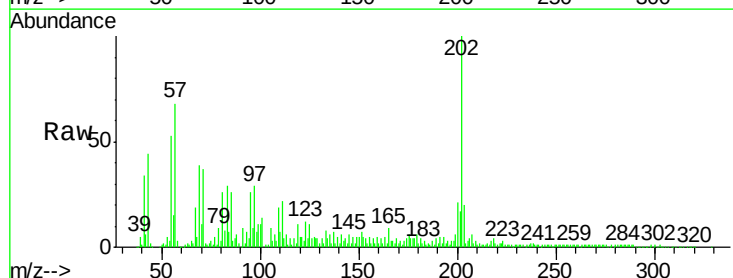
Instrument :
 BNA_F
 ClientSampleId :

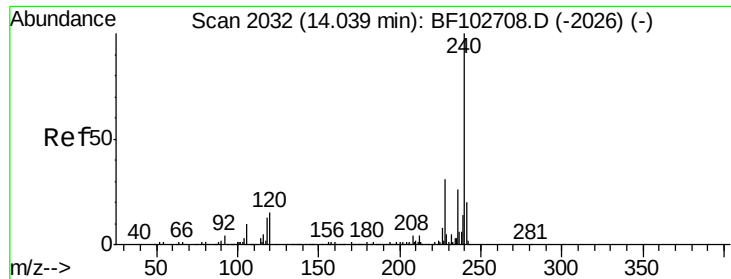
Tot Ion:178 Resp: 328523
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.8 12.6 19.0



#74
 Fluoranthene
 Concen: 12.59 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: BF103066.D
 Acq: 16 Feb 2018 21:26

Tgt Ion:202 Resp: 265396
 Ion Ratio Lower Upper
 202 100
 101 14.2 0.0 34.1
 203 19.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF103066.D

Acq: 16 Feb 2018 21:26

Instrument :

BNA_F

ClientSampleId :

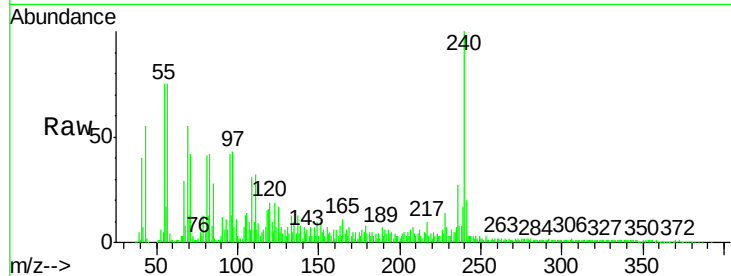
Tot Ion:240 Resp: 200993

Ion Ratio Lower Upper

240 100

120 18.6 9.5 14.3#

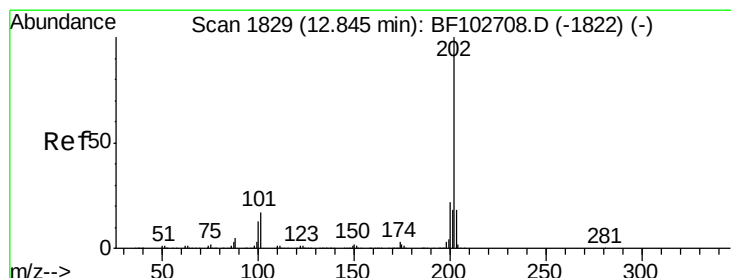
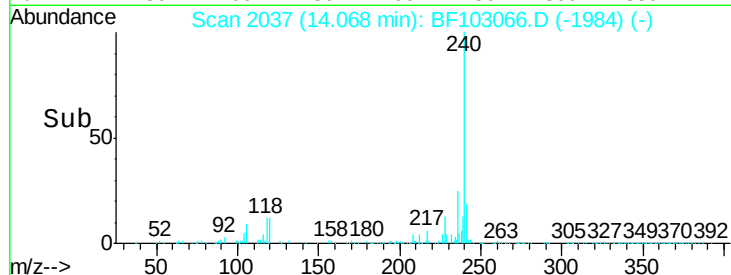
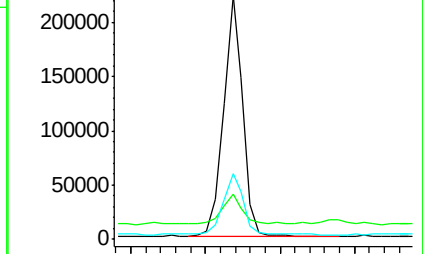
236 27.0 20.7 31.1



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: 15.61 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF103066.D

Acq: 16 Feb 2018 21:26

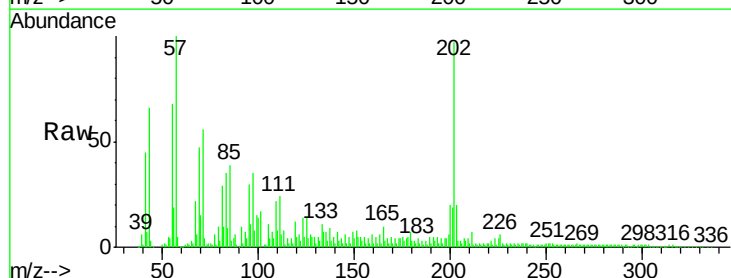
Tgt Ion:202 Resp: 246033

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

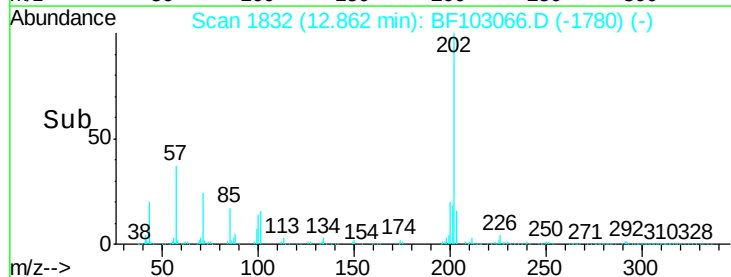
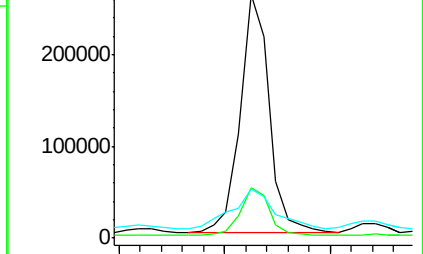
203 20.1 14.3 21.5

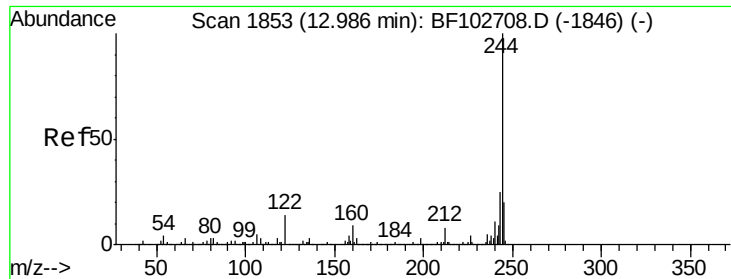


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.06 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF103066.D

Acq: 16 Feb 2018 21:26

Instrument :

BNA_F

ClientSampleId :

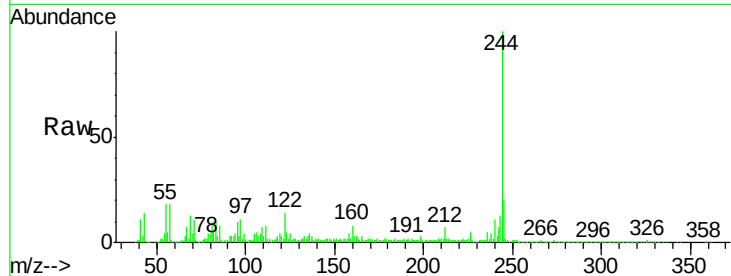
Tot Ion:244 Resp: 696597

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 14.1 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

1000000

800000

600000

400000

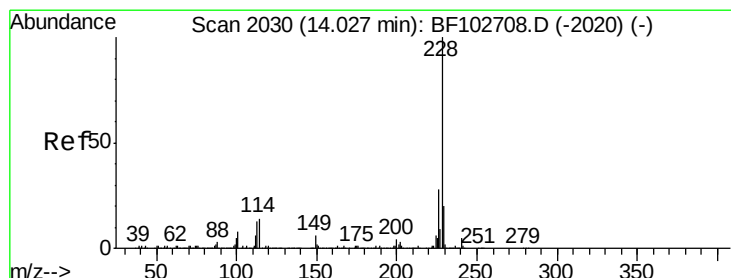
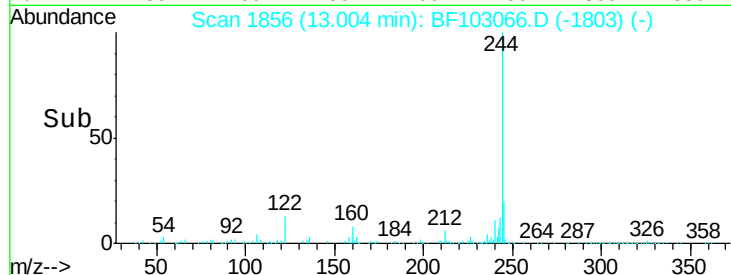
200000

0

13.00

13.10

Time-->



#80

Benzo(a)anthracene

Concen: 8.51 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103066.D

Acq: 16 Feb 2018 21:26

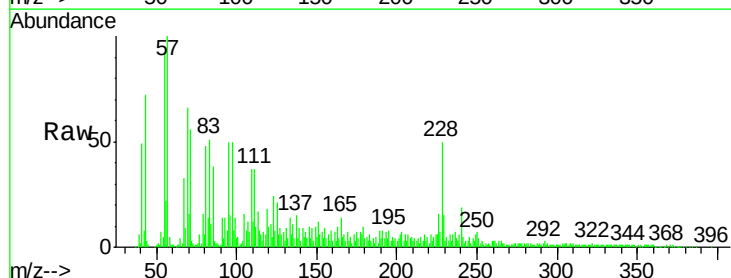
Tgt Ion:228 Resp: 107511

Ion Ratio Lower Upper

228 100

226 31.6 22.6 33.8

229 30.3 15.8 23.6#



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

100000

50000

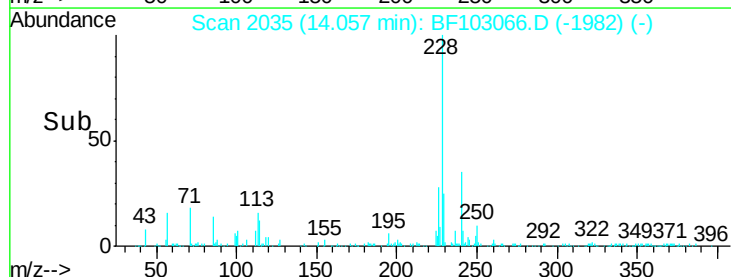
0

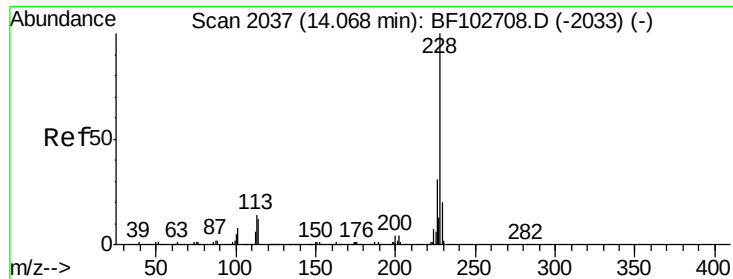
14.00

14.05

14.06

Time-->

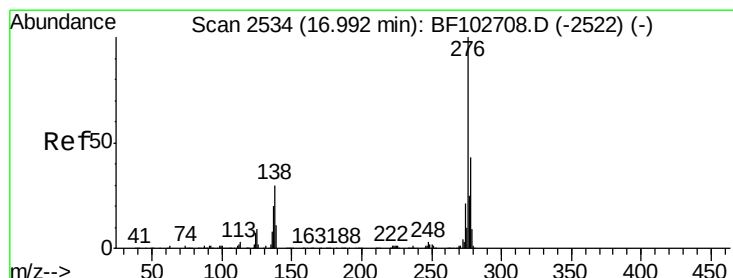
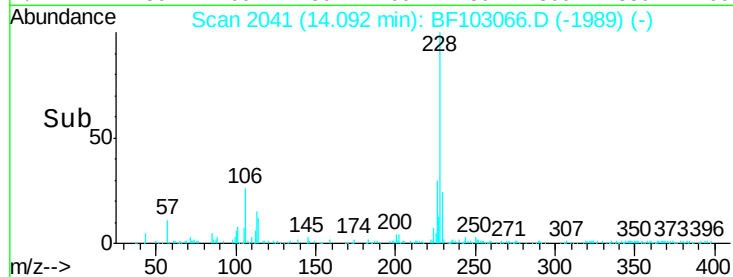
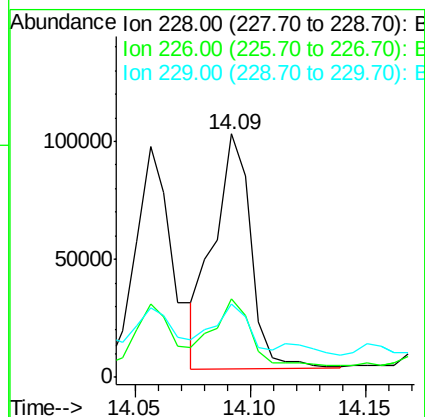
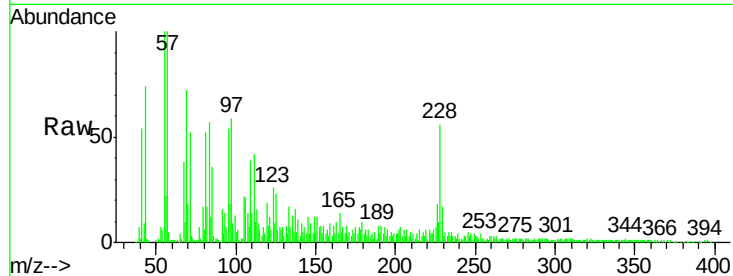




#82
Chrysene
Concen: 8.77 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

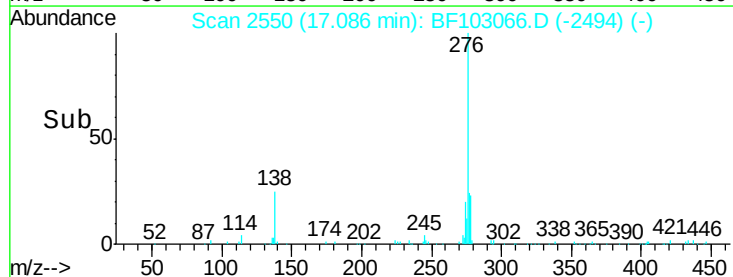
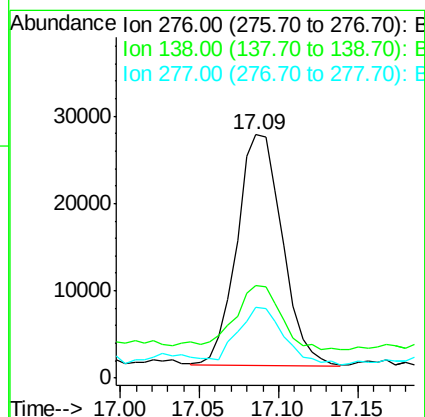
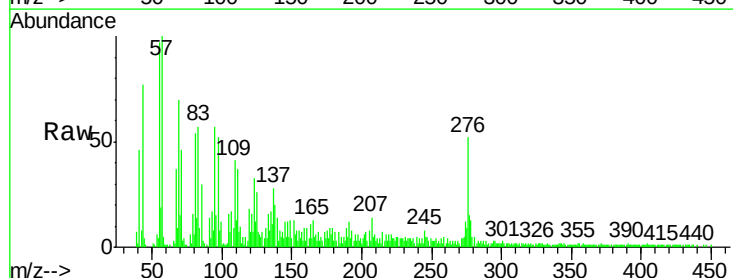
Instrument :
BNA_F
ClientSampleId :

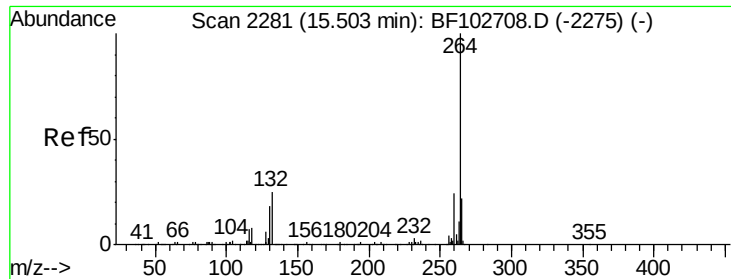
Tot Ion:228 Resp: 111706
Ion Ratio Lower Upper
228 100
226 32.4 25.0 37.6
229 30.0 16.2 24.4#



#85
Indeno(1,2,3-cd)pyrene
Concen: 4.99 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.03 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

Tgt Ion:276 Resp: 52705
Ion Ratio Lower Upper
276 100
138 29.7 25.0 37.6
277 26.1 20.1 30.1

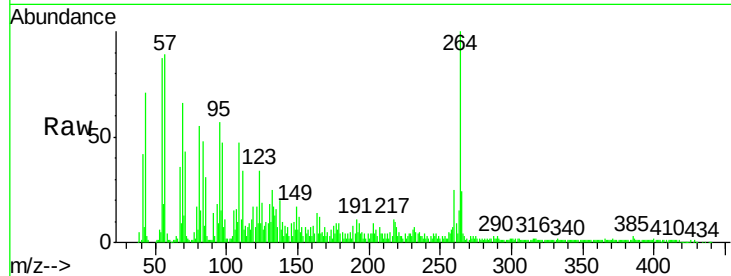




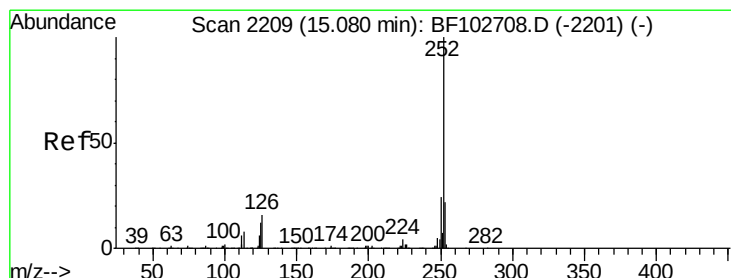
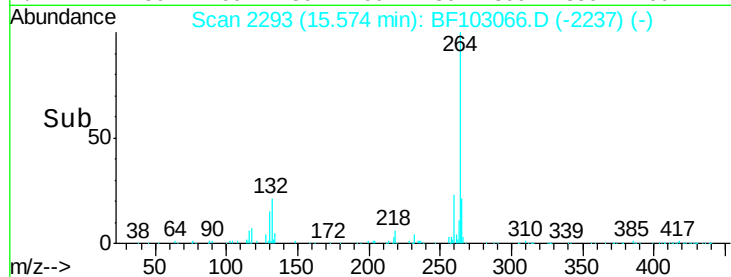
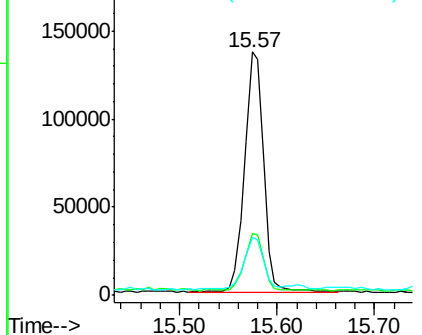
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.03 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	23.6	17.5	26.3

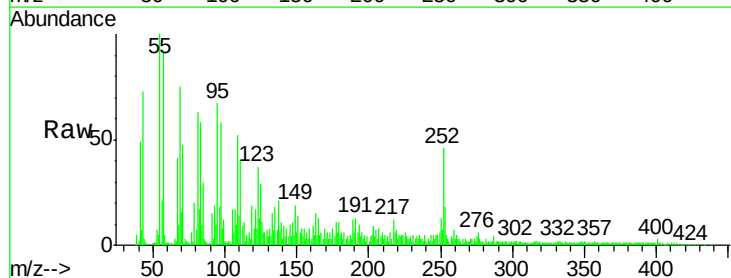


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

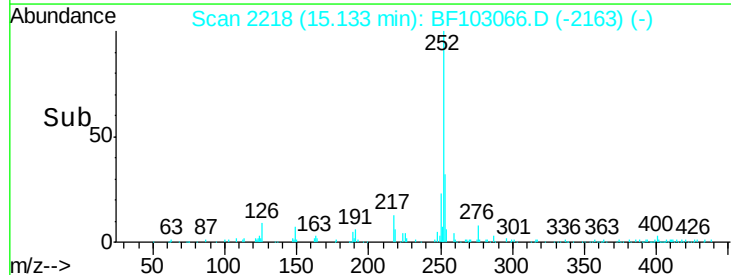
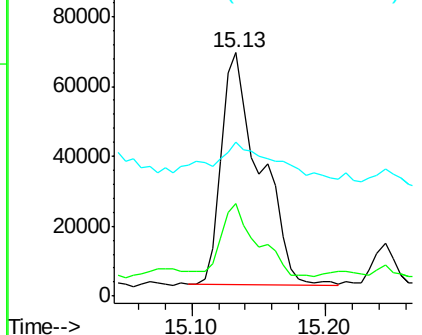


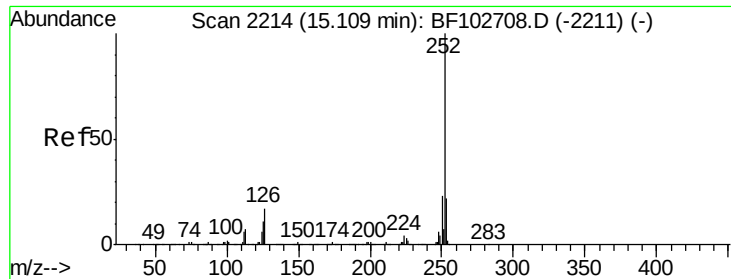
#87
Benzo(b)fluoranthene
Concen: 11.10 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.1	17.0	25.6#
125	63.1	9.0	13.6#



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

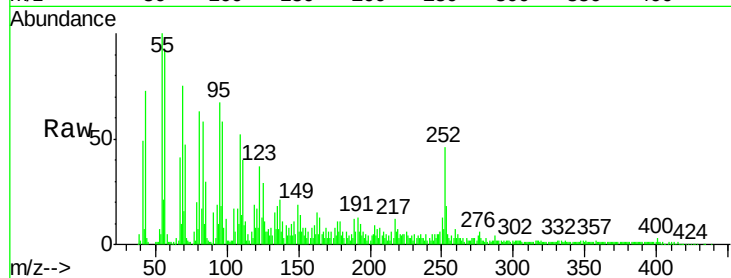




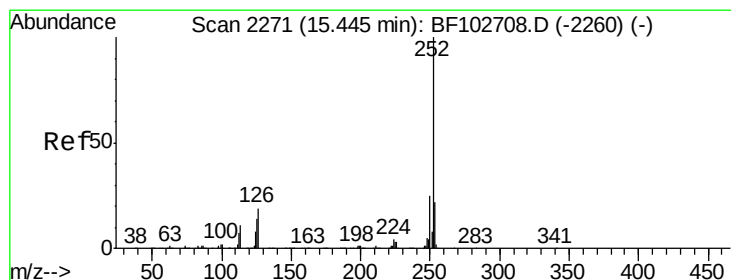
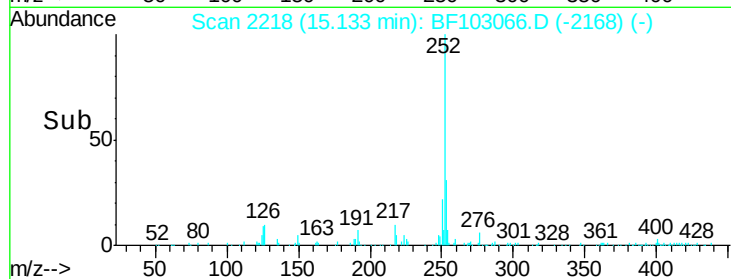
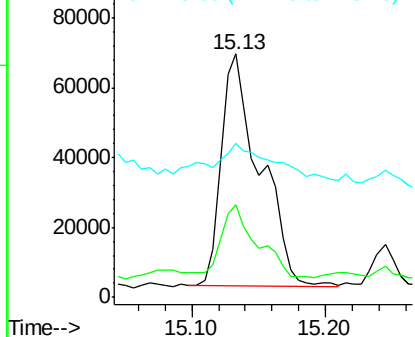
#88
Benzo(k)fluoranthene
Concen: 11.62 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.1	17.9	26.9#
125	63.1	10.2	15.2#

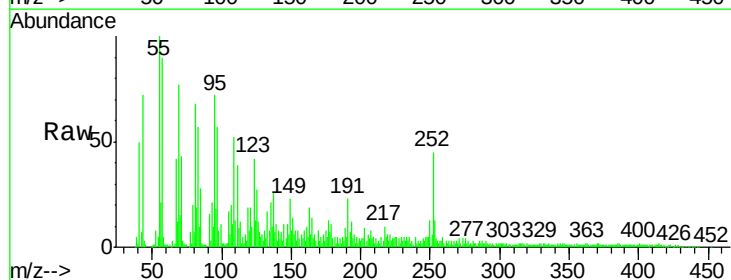


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

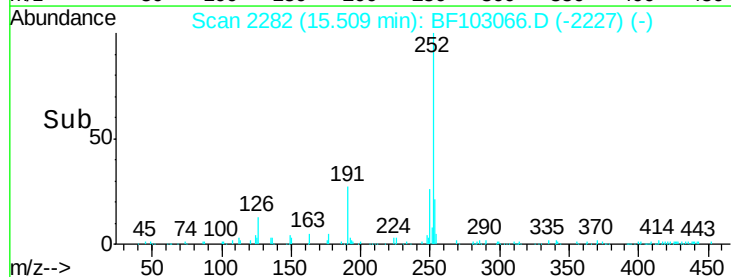
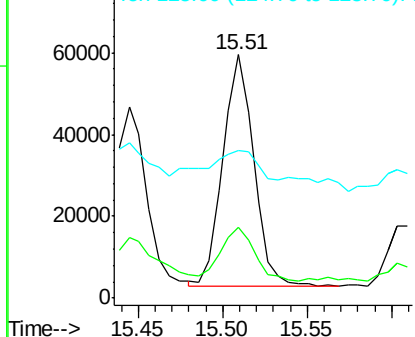


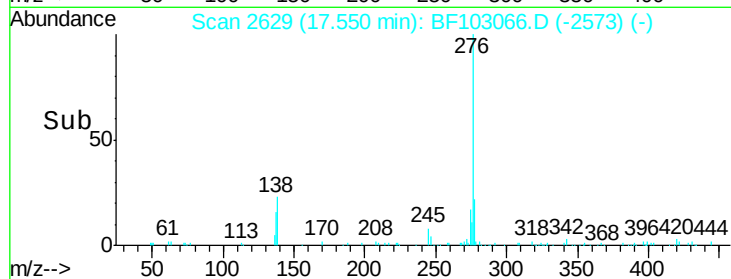
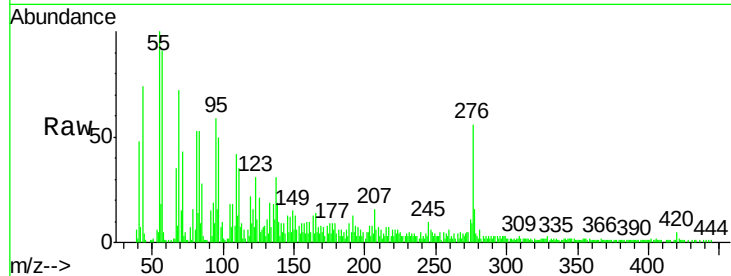
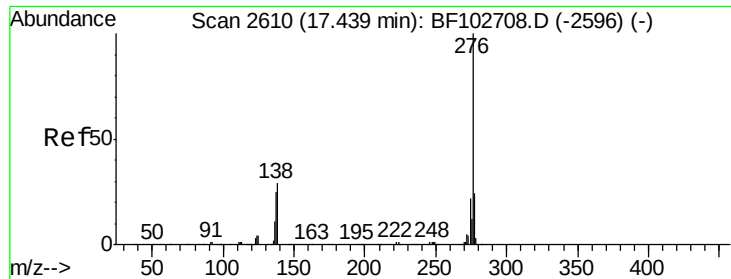
#89
Benzo(a)pyrene
Concen: 6.67 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.02 min
Lab File: BF103066.D
Acq: 16 Feb 2018 21:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.1	25.7#
125	60.8	9.8	14.6#



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

Benzo(a,h,i)perylene

Concen: 5.96 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.03 min

Lab File: BF103066.D

Acq: 16 Feb 2018 21:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 51456

Ion Ratio Lower Upper

276 100

277 28.5 17.9 26.9#

138 34.6 21.8 32.8#

