

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102881.D
 Acq On : 9 Feb 2018 11:50
 Operator : SJ/JU
 Sample : J1485-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 13:51:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	163219	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	679649	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	290515	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	448337	20.00	ng	0.00
75) Chrysene-d12	14.06	240	285560	20.00	ng	0.00
86) Perylene-d12	15.55	264	323657	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	559717	52.08	ng	0.00
7) Phenol-d6	6.50	99	654681	50.59	ng	0.00
23) Nitrobenzene-d5	7.45	82	443140	45.23	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	117906	50.42	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	627264	35.83	ng	0.00
78) Terphenyl-d14	13.00	244	394357	32.70	ng	0.00

Target Compounds

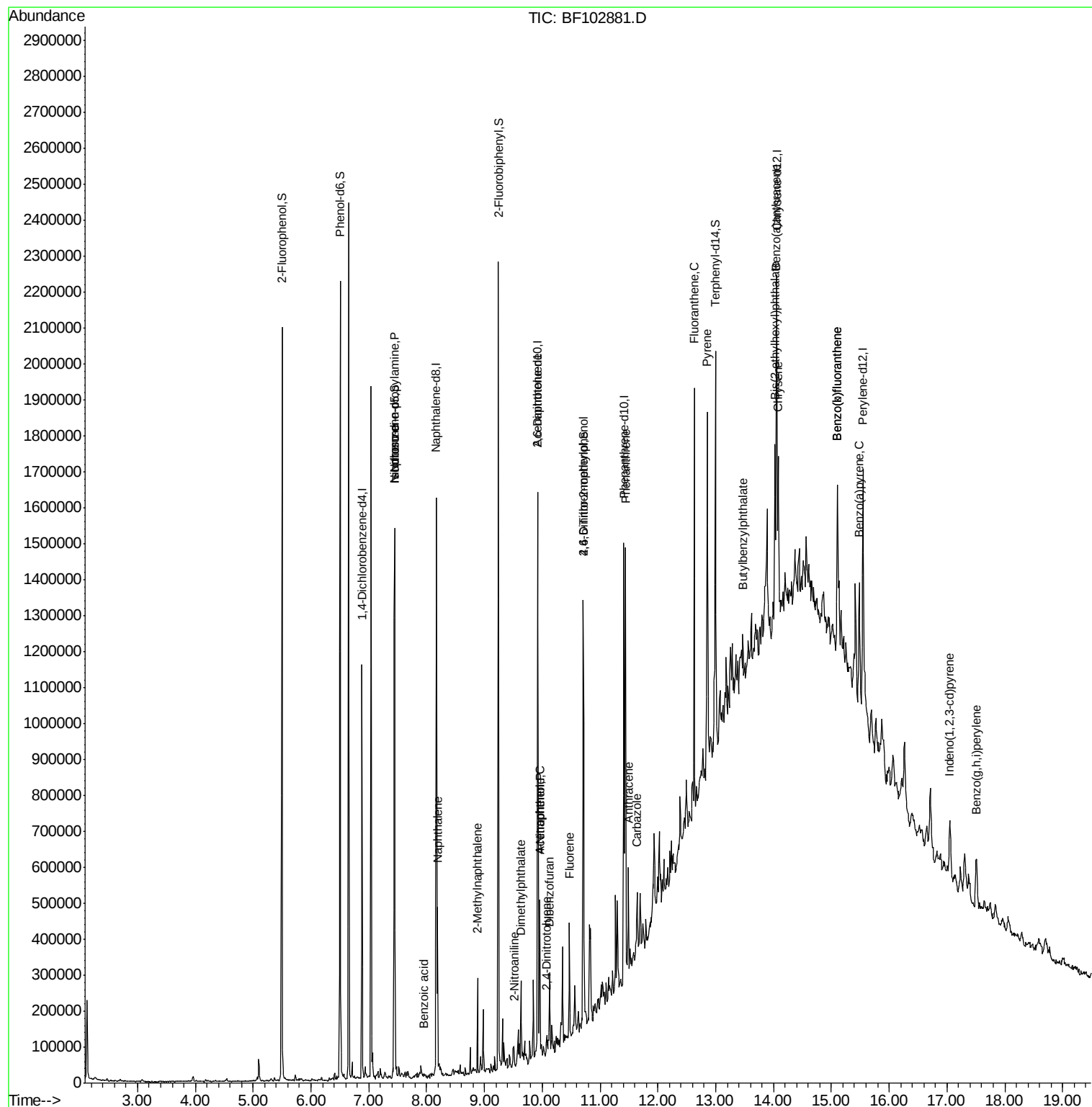
						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	59497	6.973	ng	# 85
25) Isophorone	7.45	82	443130	19.642	ng	# 64
31) Naphthalene	8.19	128	167722	5.051	ng	99
32) Benzoic acid	7.95	122	887	8.670	ng	# 30
37) 2-Methylnaphthalene	8.88	142	68637	3.157	ng	99
47) 2-Nitroaniline	9.50	65	1596	3.721	ng	# 31
49) Dimethylphthalate	9.63	163	66500	2.936	ng	98
50) 2,6-Dinitrotoluene	9.92	165	40126	9.311	ng	# 26
51) Acenaphthene	9.96	154	82392	4.605	ng	97
54) Dibenzofuran	10.13	168	74227	2.944	ng	96
55) 4-Nitrophenol	9.96	139	1333	4.314	ng	# 81
56) 2,4-Dinitrotoluene	10.07	165	2172	3.427	ng	# 44
57) Fluorene	10.47	166	82046	4.472	ng	99
64) 4,6-Dinitro-2-methylphenol	10.71	198	277	8.929	ng	# 1
70) Phenanthrene	11.44	178	450772	18.053	ng	98
71) Anthracene	11.49	178	99071	3.901	ng	99
72) Carbazole	11.64	167	49944	2.007	ng	97
74) Fluoranthene	12.63	202	436019	17.356	ng	99
77) Pvrene	12.86	202	401833	17.945	ng	100
79) Butylbenzylphthalate	13.47	149	19461	2.803	ng	# 81
80) Benzo(a)anthracene	14.04	228	184762	10.288	ng	98
82) Chrysene	14.08	228	170101	9.396	ng	97
83) Bis(2-ethylhexyl)phthalate	14.03	149	127498	9.295	ng	98
85) Indeno(1,2,3-cd)pyrene	17.05	276	112910	7.520	ng	95
87) Benzo(b)fluoranthene	15.11	252	354854	16.911	ng	# 89
88) Benzo(k)fluoranthene	15.11	252	354854	17.699	ng	# 92
89) Benzo(a)pyrene	15.48	252	183038	9.691	ng	# 89
91) Benzo(g,h,i)perylene	17.51	276	112246	7.480	ng	95

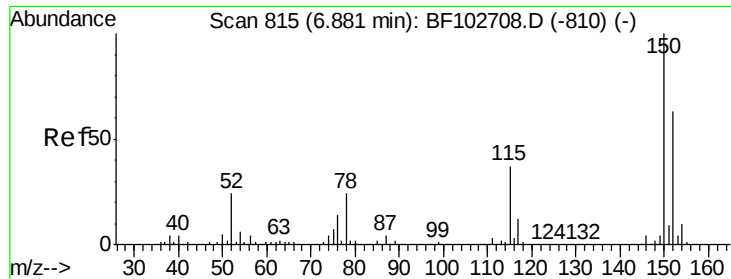
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102881.D
Acq On : 9 Feb 2018 11:50
Operator : SJ/JU
Sample : J1485-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 09 13:51:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration



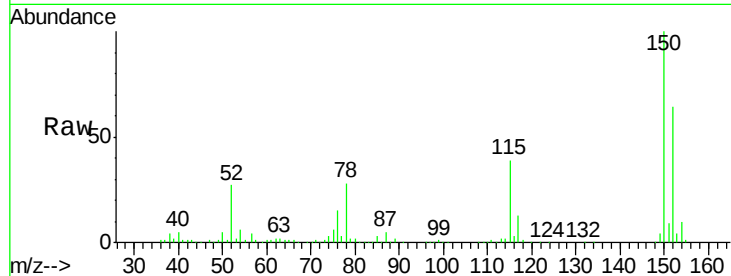


#1

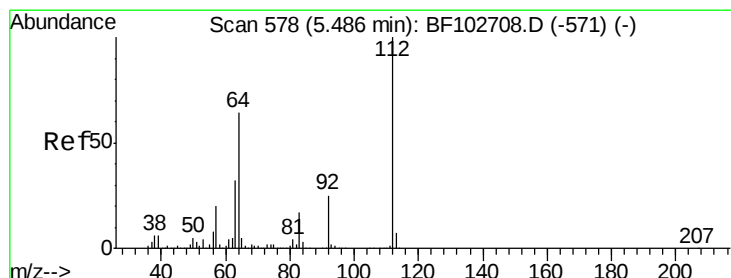
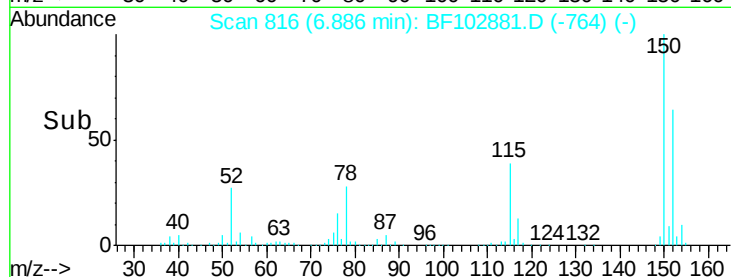
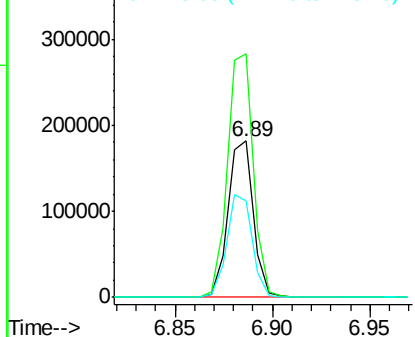
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102881.D
Acq: 9 Feb 2018 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163219
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 61.3 50.1 75.1



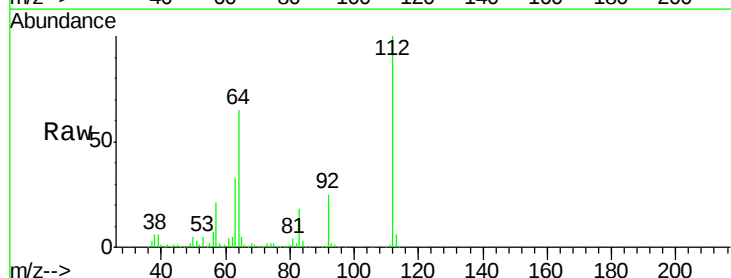
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



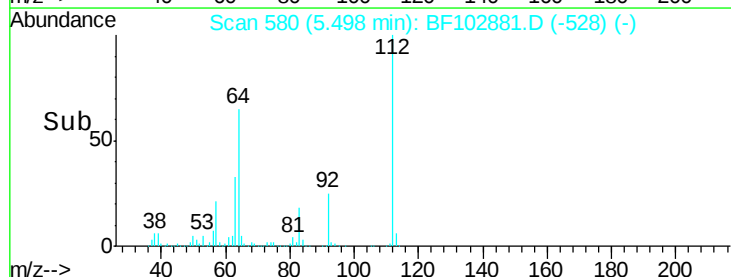
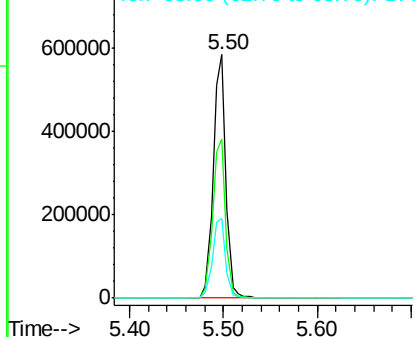
#5

2-Fluorophenol
Concen: 52.079 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102881.D
Acq: 9 Feb 2018 11:50

Tgt Ion:112 Resp: 559717
Ion Ratio Lower Upper
112 100
64 65.4 47.9 71.9
63 32.9 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: 50.591 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

Instrument :

BNA_F

ClientSampled :

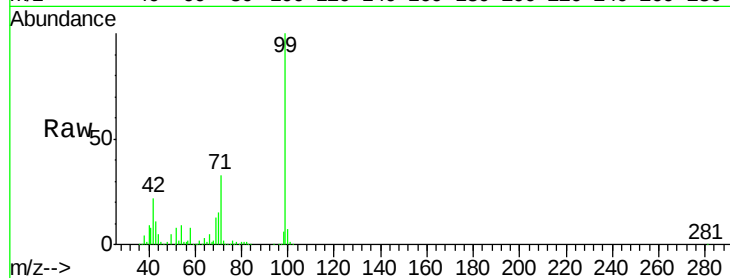
Tot Ion: 99 Resp: 654681

Ion Ratio Lower Upper

99 100

42 22.0 14.5 21.7#

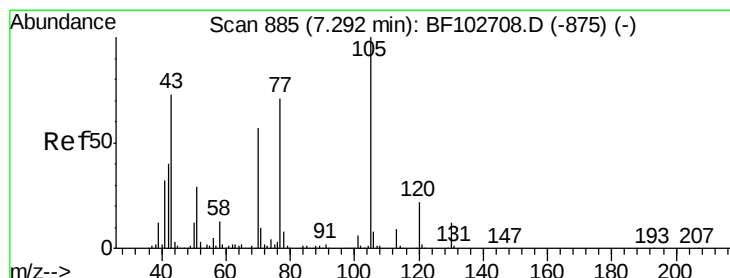
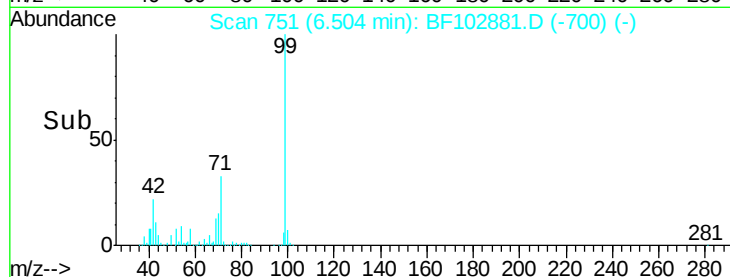
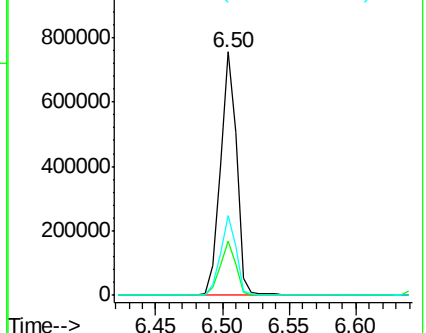
71 32.7 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.973 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

Tgt Ion: 70 Resp: 59497

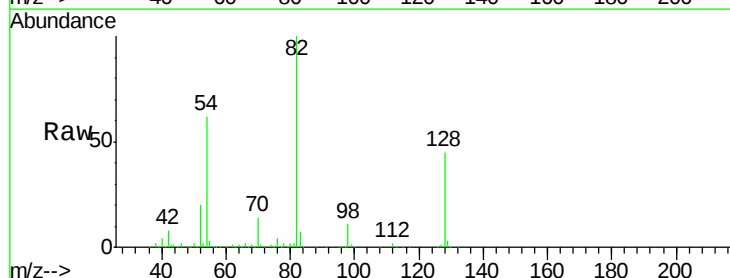
Ion Ratio Lower Upper

70 100

42 55.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

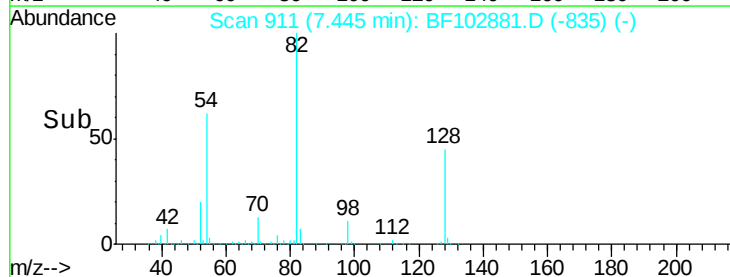
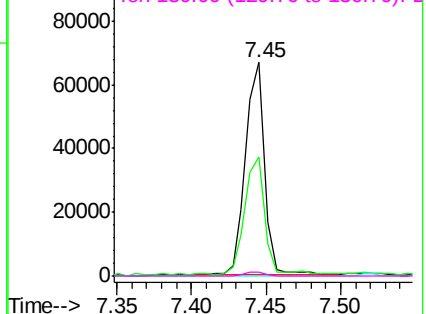


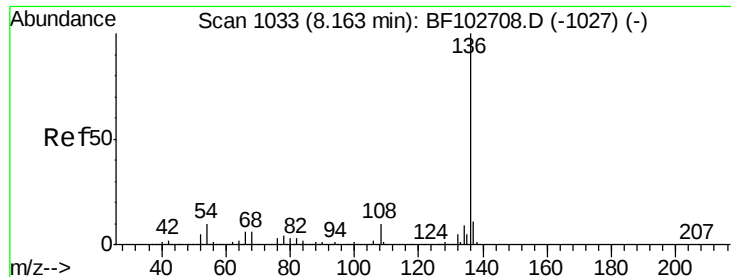
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 679649

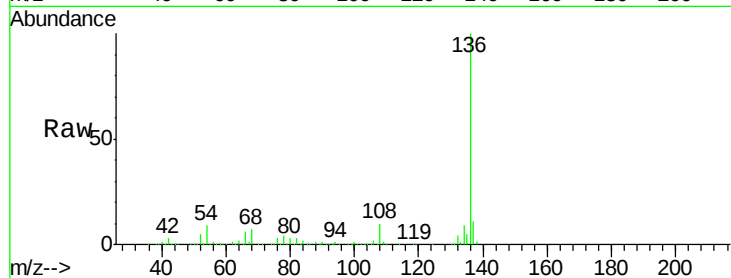
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.9 6.6 9.8

68 6.5 5.0 7.4

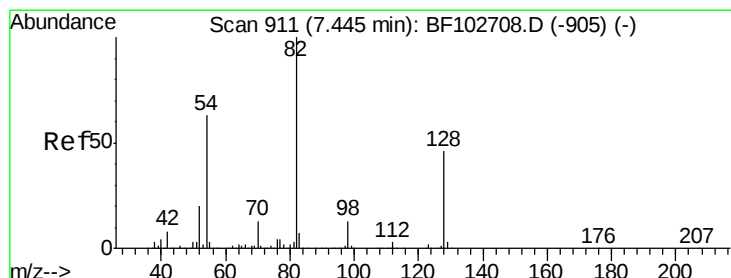
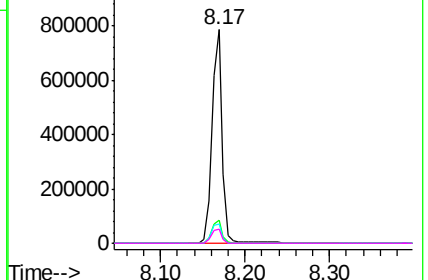
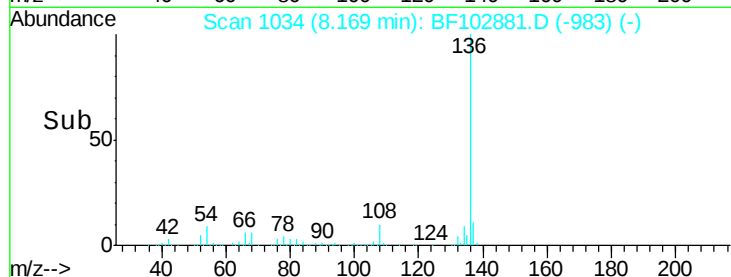


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 45.231 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

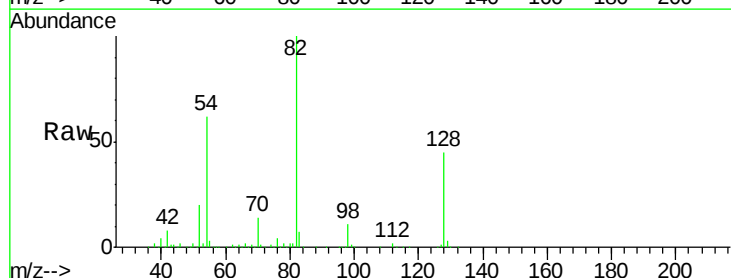
Tgt Ion: 82 Resp: 443140

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

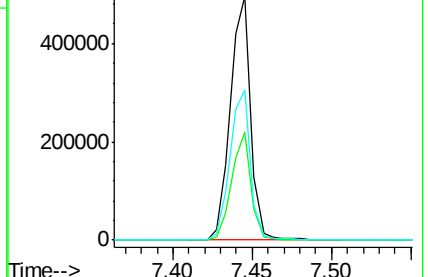
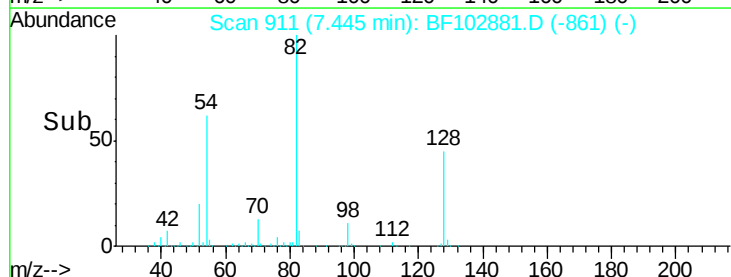
54 61.6 41.4 62.2



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





#25

Isophorone

Concen: 19.642 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

Instrument :

BNA_F

ClientSampleId :

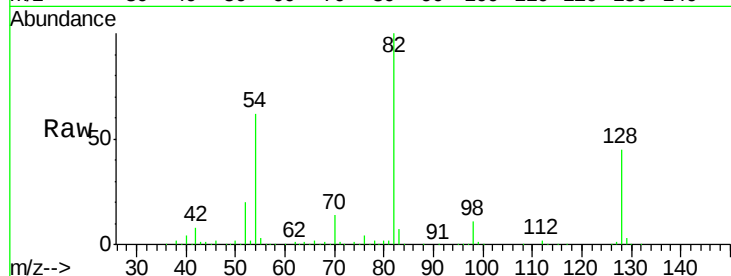
Tot Ion: 82 Resp: 443130

Ion Ratio Lower Upper

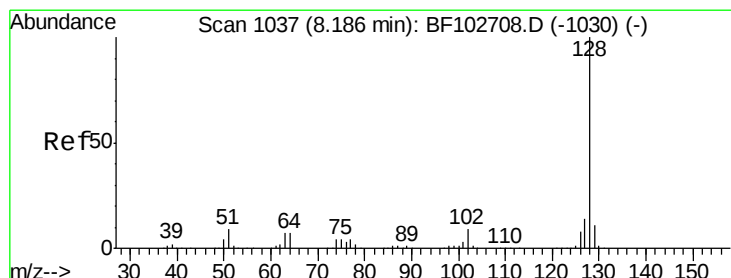
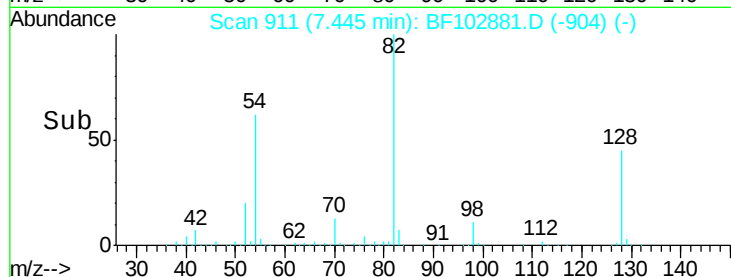
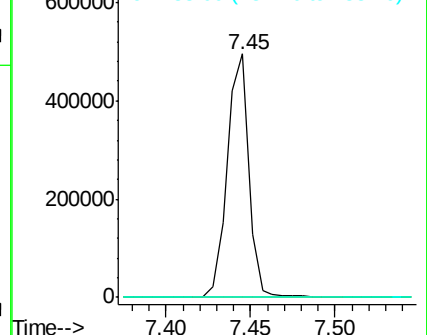
82 100

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



#31

Naphthalene

Concen: 5.051 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

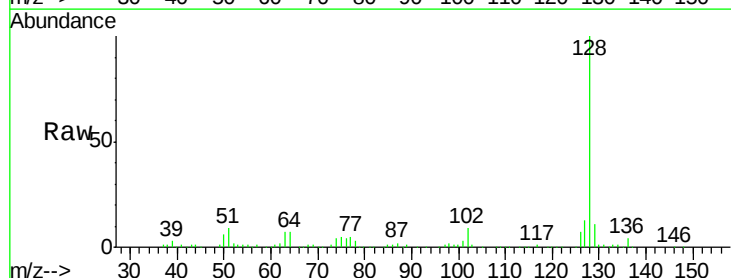
Tgt Ion: 128 Resp: 167722

Ion Ratio Lower Upper

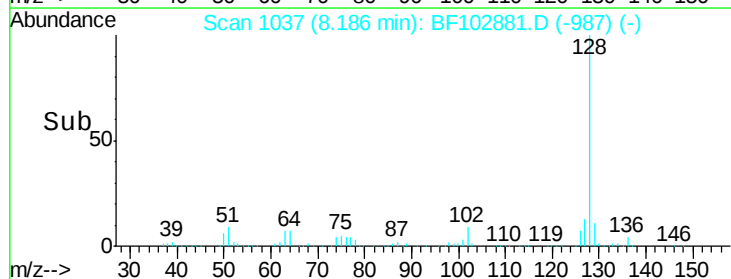
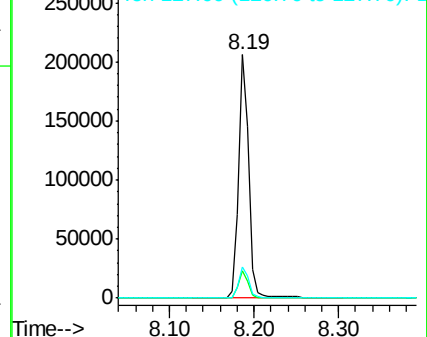
128 100

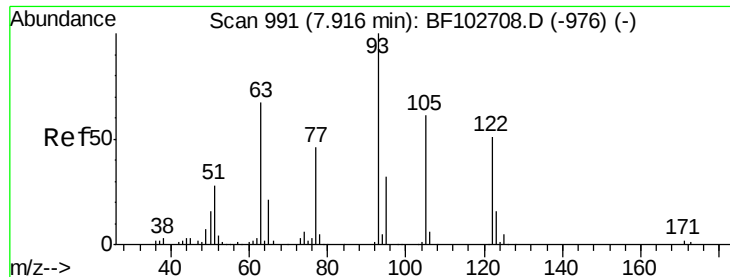
129 11.0 8.8 13.2

127 13.0 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

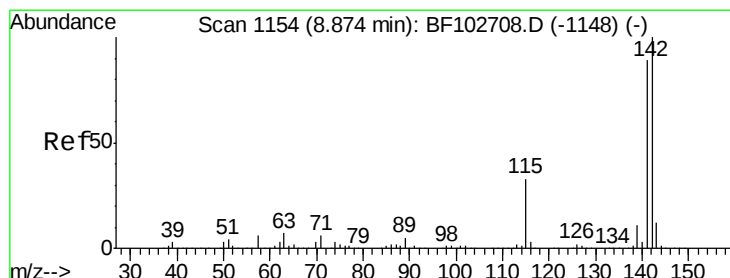
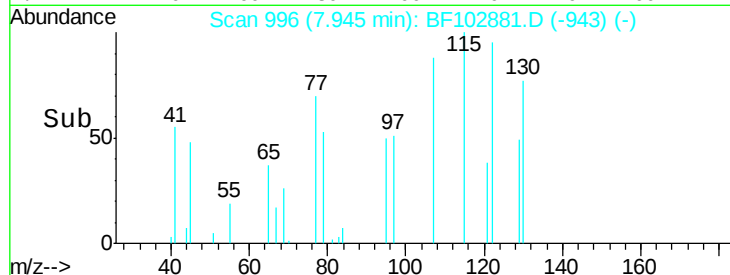
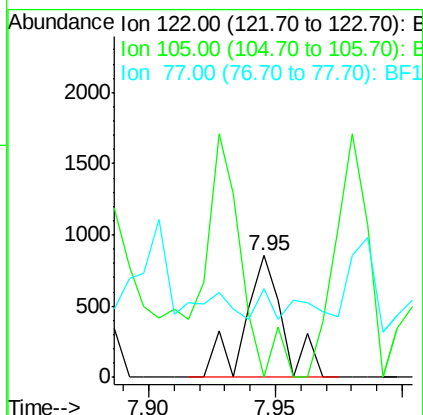
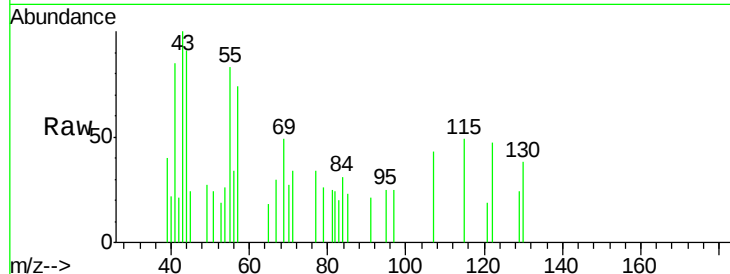




#32
Benzoic acid
Concen: 8.670 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF102881.D
Acq: 9 Feb 2018 11:50

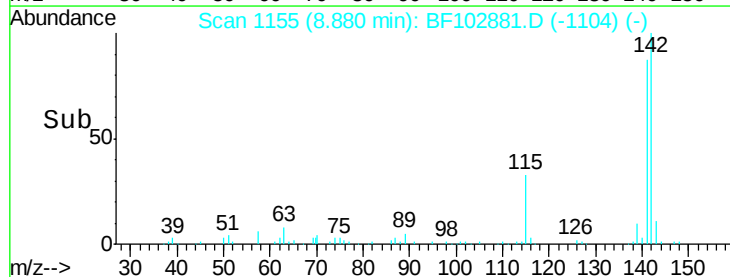
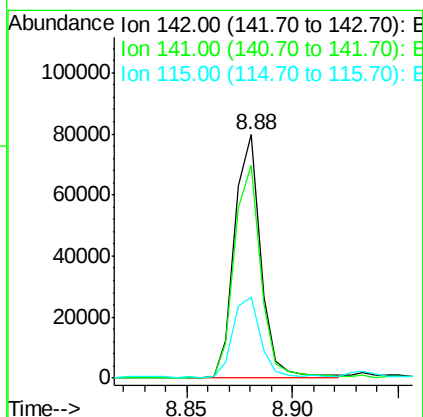
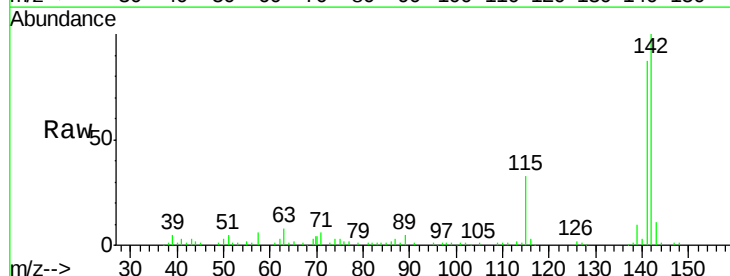
Instrument :
BNA_F
ClientSampled :

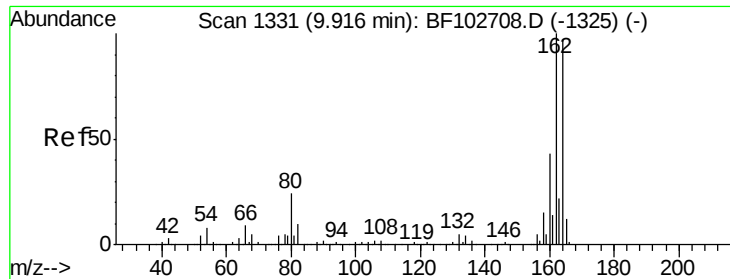
Tot Ion:122 Resp: 887
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 73.2 70.7 110.7



#37
2-Methylnaphthalene
Concen: 3.157 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF102881.D
Acq: 9 Feb 2018 11:50

Tgt Ion:142 Resp: 68637
Ion Ratio Lower Upper
142 100
141 87.3 70.8 106.2
115 33.3 26.1 39.1

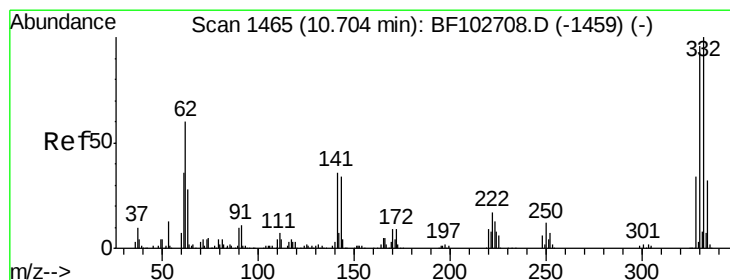
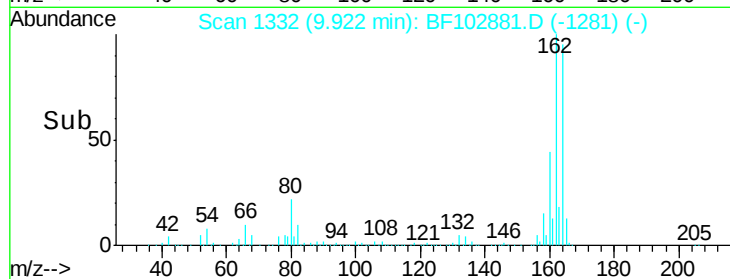
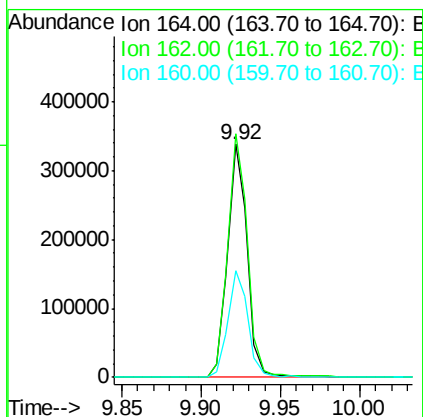
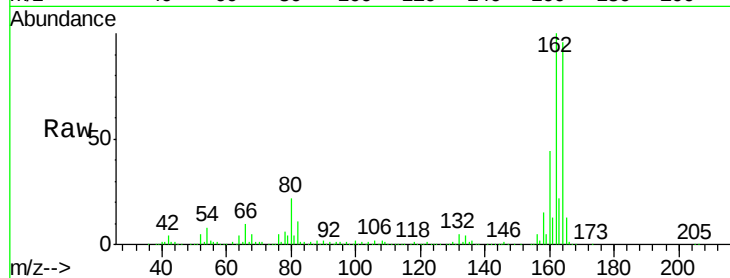




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102881.D
 Acq: 9 Feb 2018 11:50

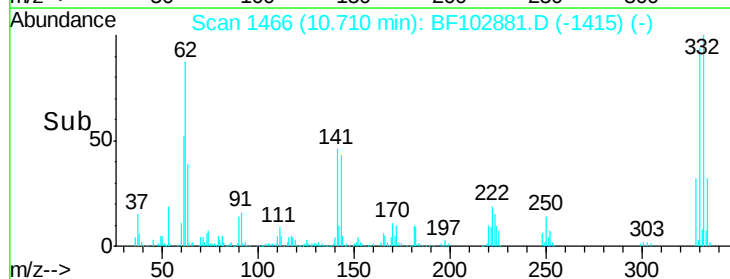
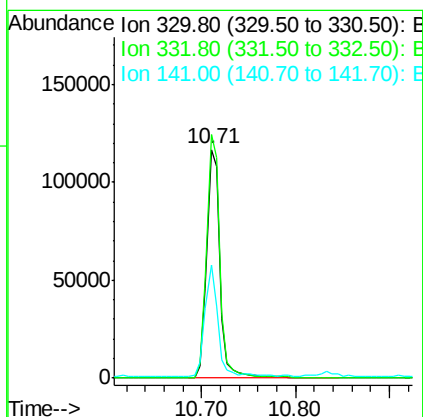
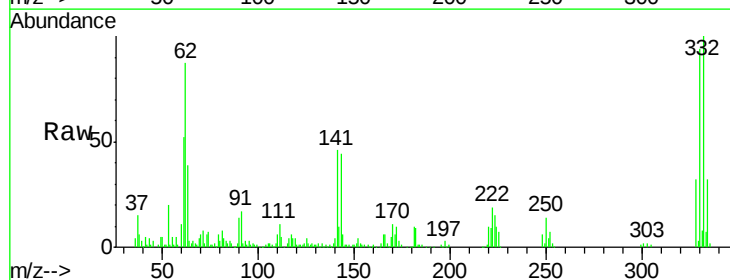
Instrument :
 BNA_F
 ClientSampleId :

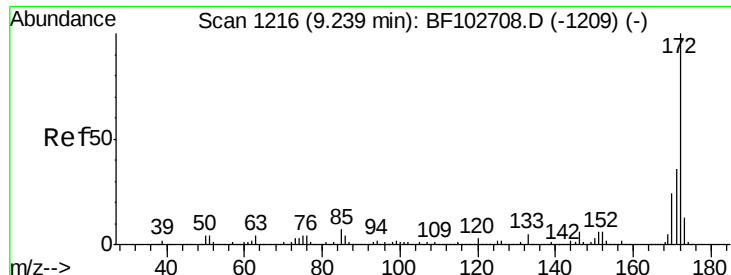
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.6	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 50.424 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102881.D
 Acq: 9 Feb 2018 11:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	105.9	77.0	115.6
141	46.7	29.9	44.9#

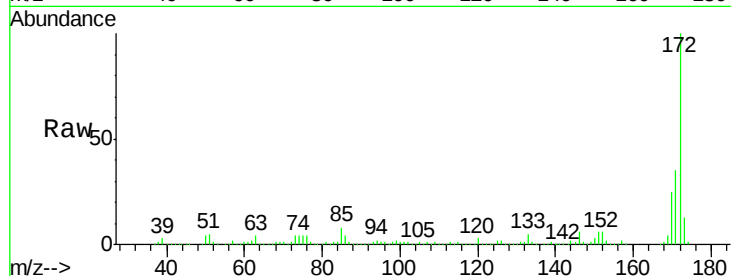




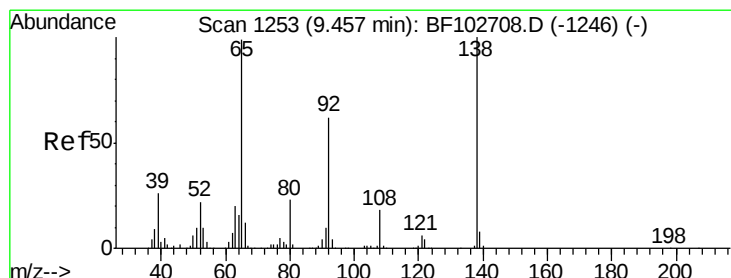
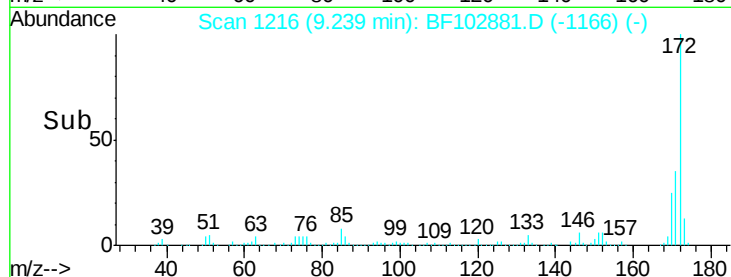
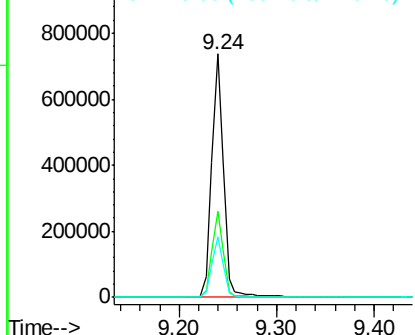
#44
2-Fluorobiphenyl
Concen: 35.828 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102881.D
Acq: 9 Feb 2018 11:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 627264
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 24.6 19.6 29.4

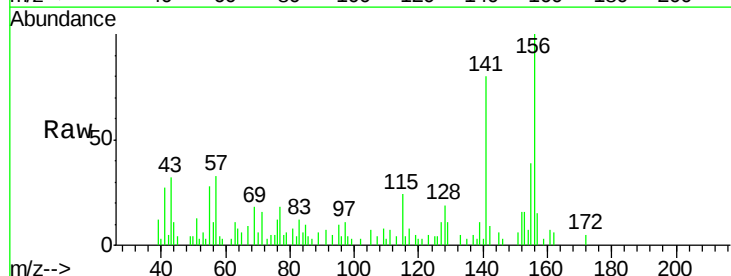


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

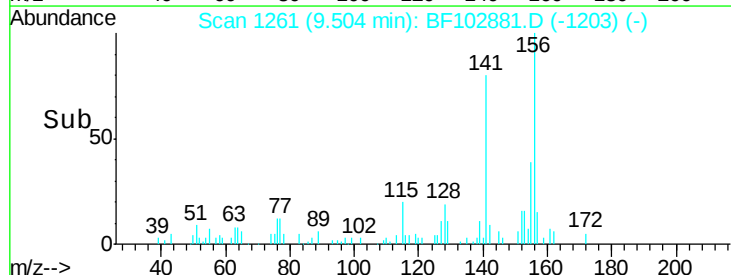
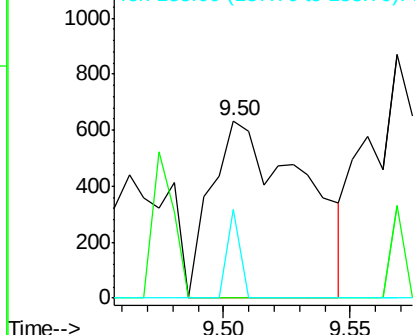


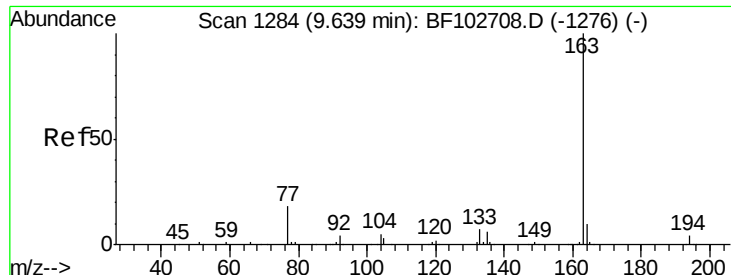
#47
2-Nitroaniline
Concen: 3.721 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.04 min
Lab File: BF102881.D
Acq: 9 Feb 2018 11:50

Tgt Ion: 65 Resp: 1596
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 49.8 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

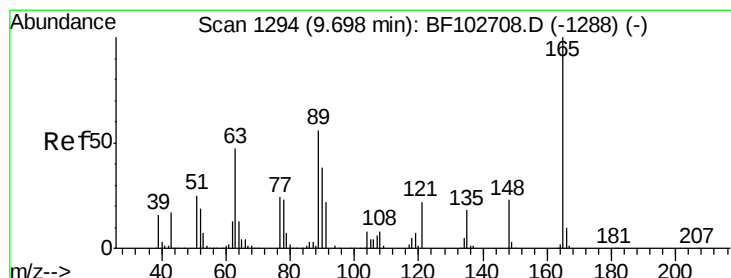
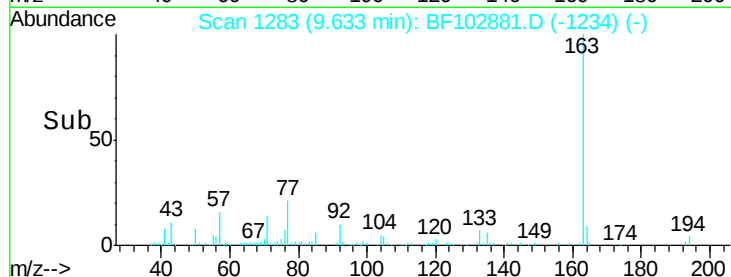
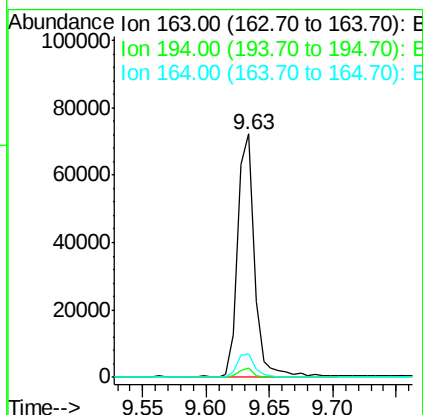
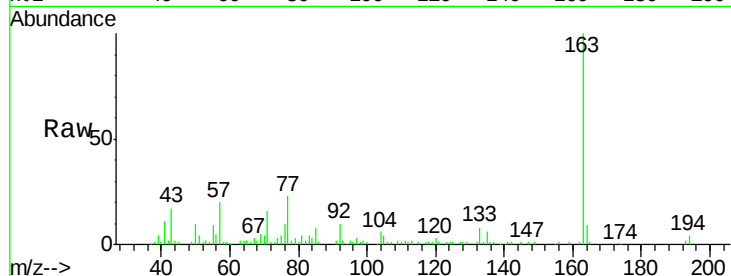




#49
Dimethylphthalate
Concen: 2.936 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102881.D
Acq: 9 Feb 2018 11:50

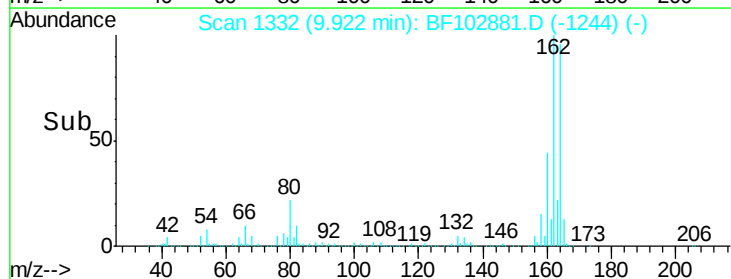
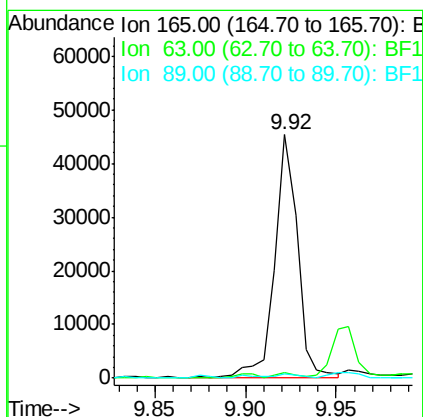
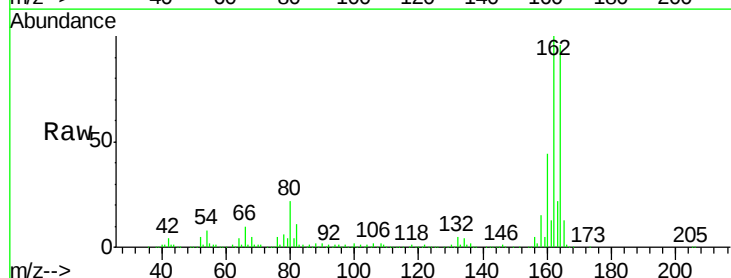
Instrument :
BNA_F
ClientSampled :

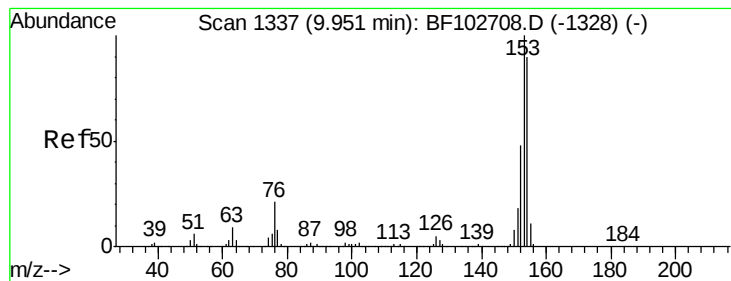
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.5	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 9.311 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102881.D
Acq: 9 Feb 2018 11:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.7	67.1#
89	1.8	44.0	66.0#





#51

Acenaphthene

Concen: 4.605 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

Instrument :

BNA_F

ClientSampleId :

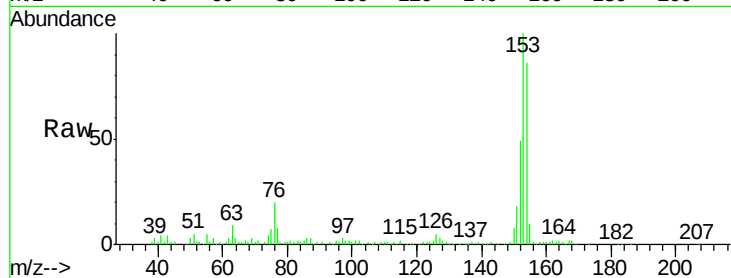
Tot Ion:154 Resp: 82392

Ion Ratio Lower Upper

154 100

153 116.9 91.2 136.8

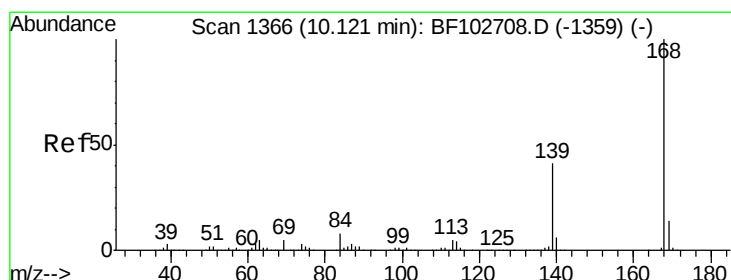
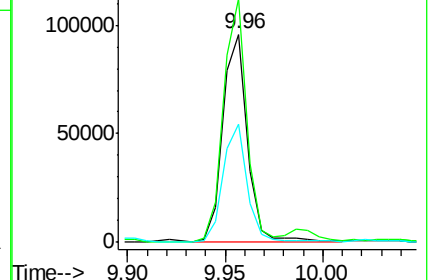
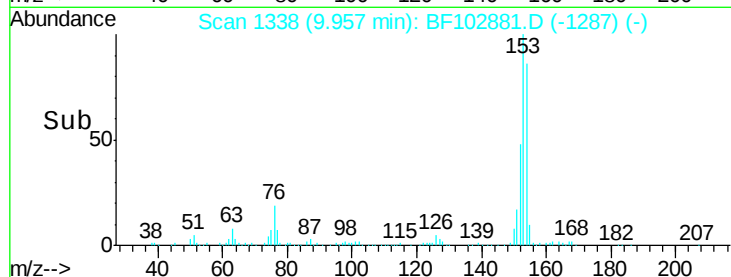
152 56.8 43.8 65.8



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



#54

Dibenzofuran

Concen: 2.944 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

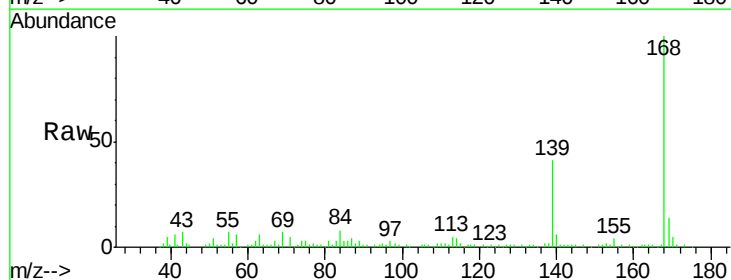
Tgt Ion:168 Resp: 74227

Ion Ratio Lower Upper

168 100

139 40.8 30.1 45.1

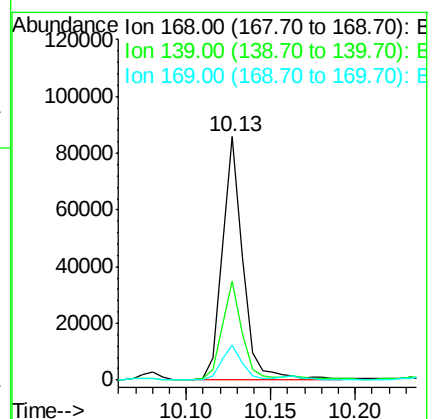
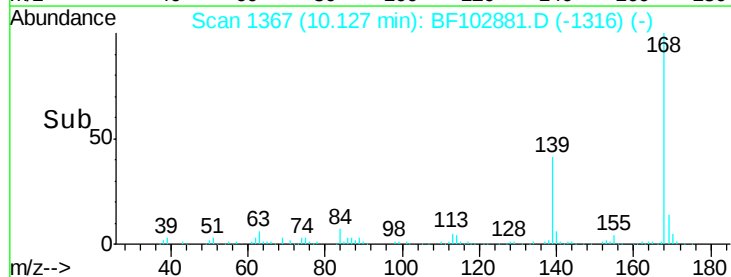
169 14.4 10.9 16.3

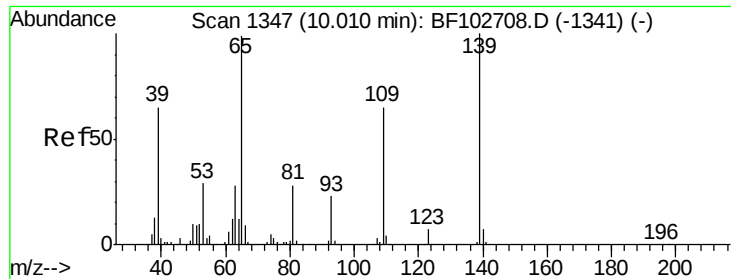


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

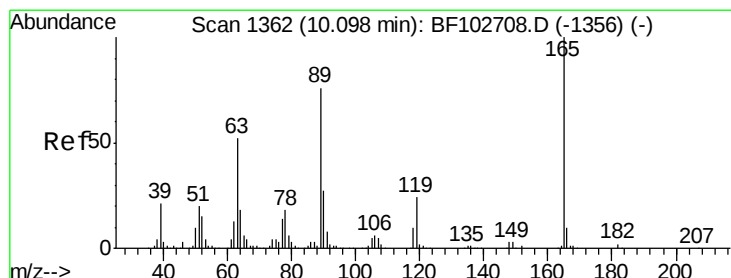
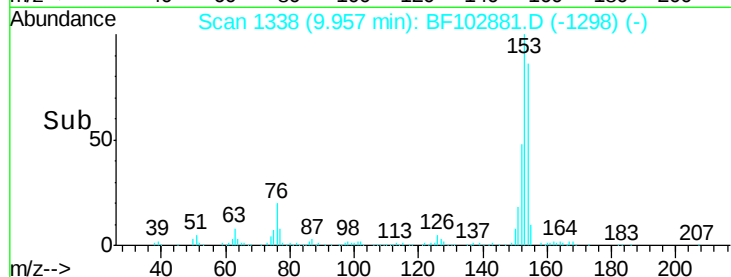
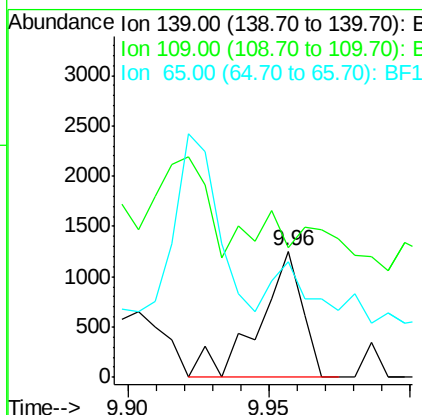
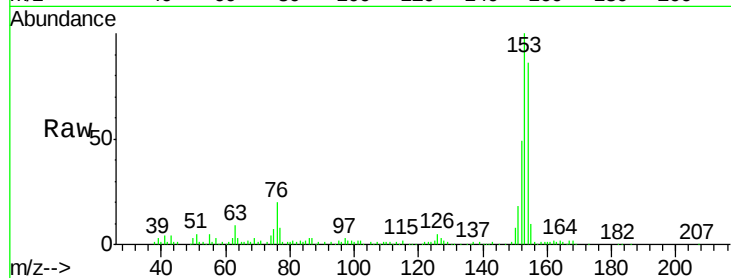




#55
4-Nitrophenol
Concen: 4.314 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.06 min
Lab File: BF102881.D
Acq: 9 Feb 2018 11:50

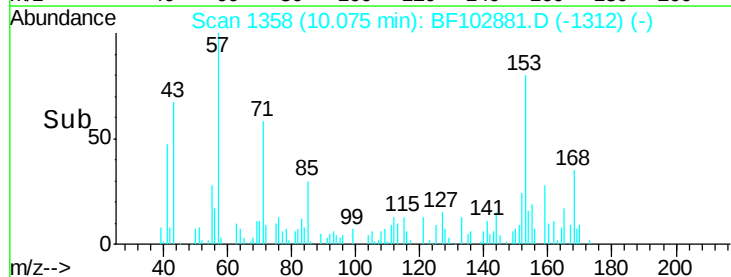
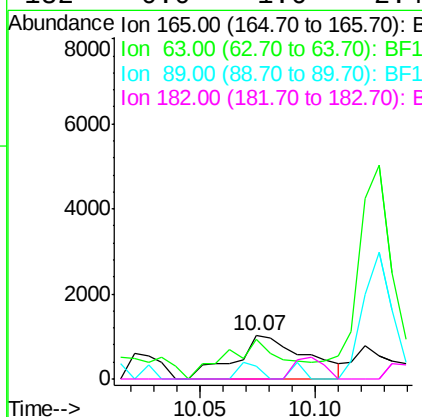
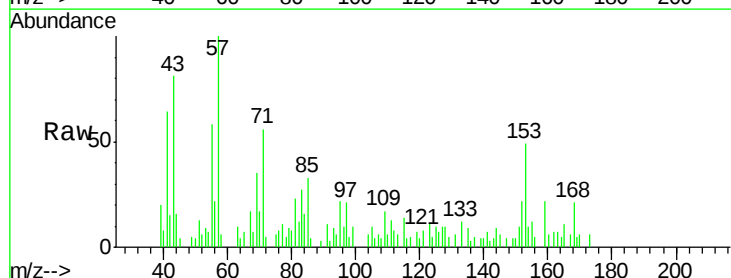
Instrument :
BNA_F
ClientSampled :

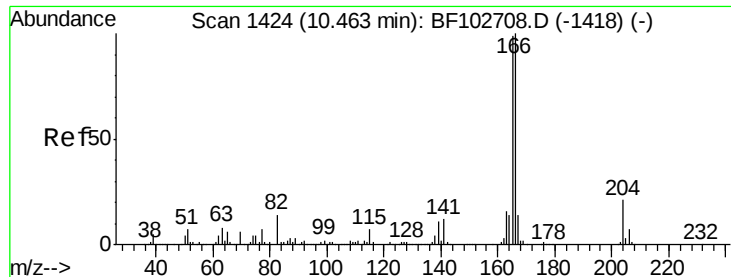
Tot Ion:139 Resp: 1333
Ion Ratio Lower Upper
139 100
109 103.1 48.4 88.4#
65 91.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 3.427 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.03 min
Lab File: BF102881.D
Acq: 9 Feb 2018 11:50

Tgt Ion:165 Resp: 2172
Ion Ratio Lower Upper
165 100
63 91.8 36.4 54.6#
89 31.3 57.8 86.6#
182 0.0 1.6 2.4#

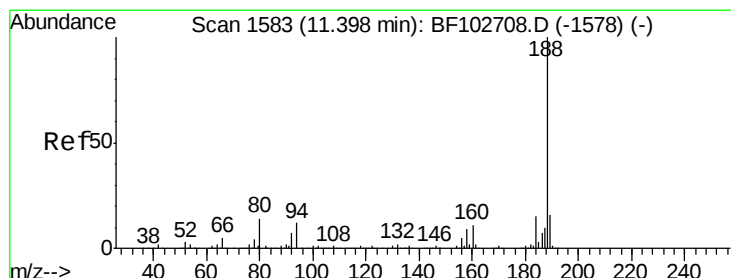
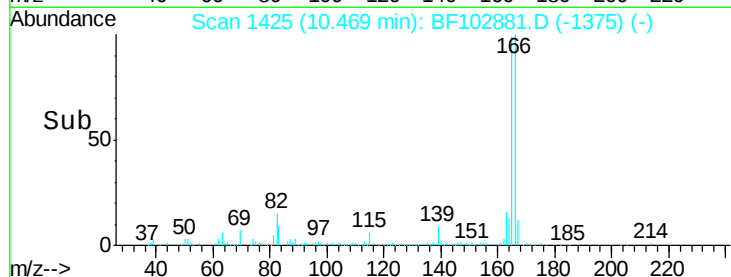
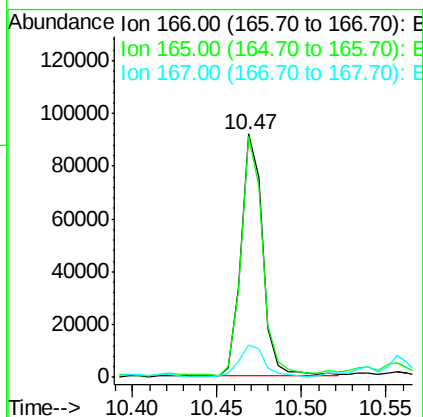
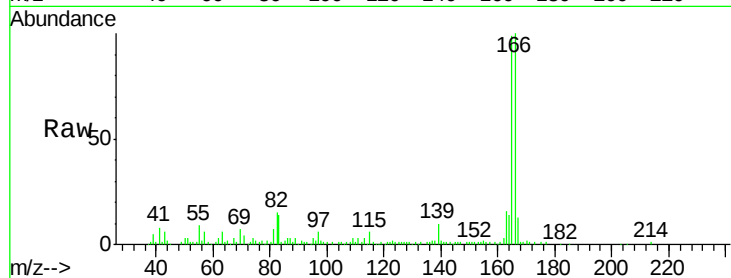




#57
 Fluorene
 Concen: 4.472 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF102881.D
 Acq: 9 Feb 2018 11:50

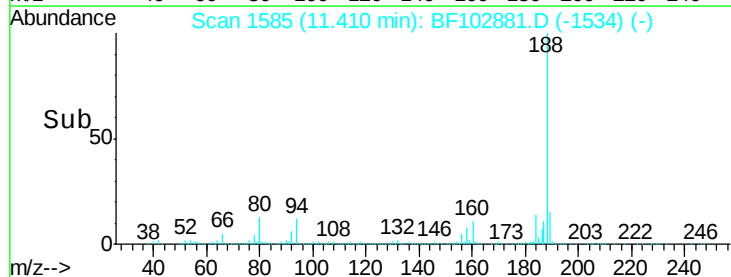
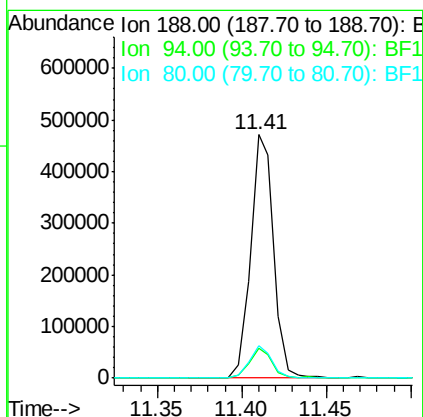
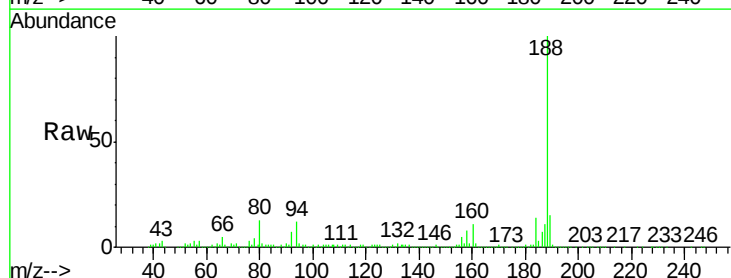
Instrument :
 BNA_F
 ClientSampleId :

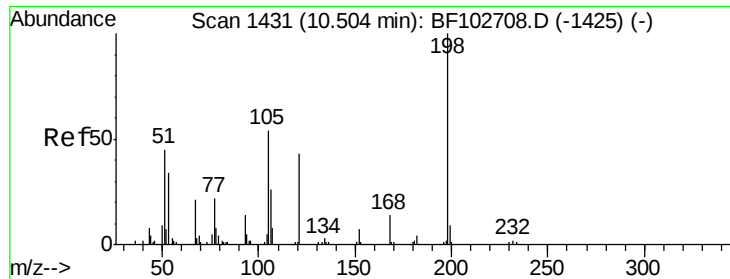
Tot Ion:166 Resp: 82046
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.8 119.8
 167 13.2 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102881.D
 Acq: 9 Feb 2018 11:50

Tgt Ion:188 Resp: 448337
 Ion Ratio Lower Upper
 188 100
 94 12.2 8.5 12.7
 80 13.5 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.929 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.19 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

Instrument :

BNA_F

ClientSampleId :

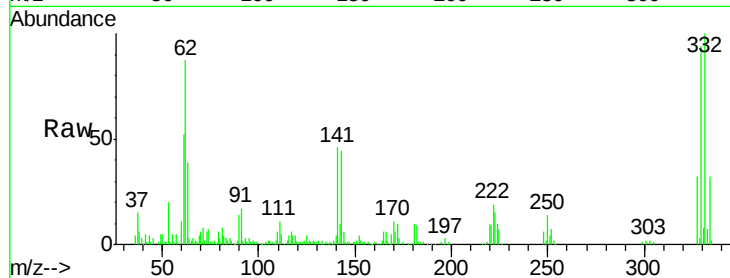
Tot Ion:198 Resp: 277

Ion Ratio Lower Upper

198 100

51 388.7 37.7 77.7#

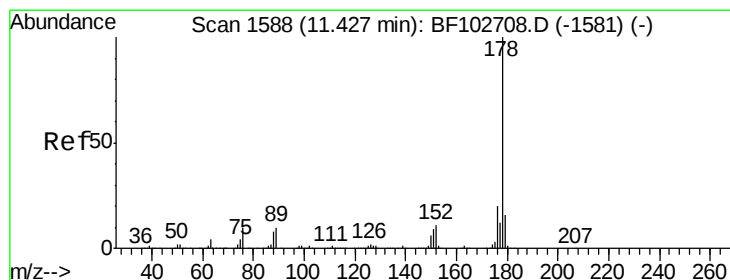
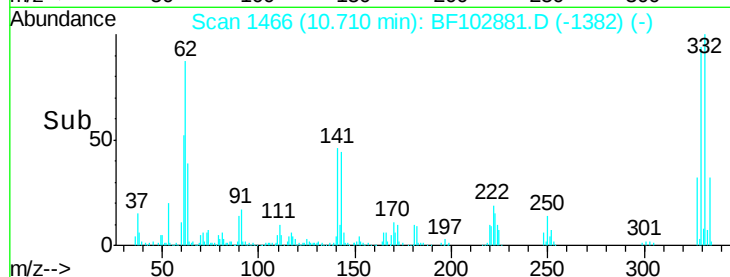
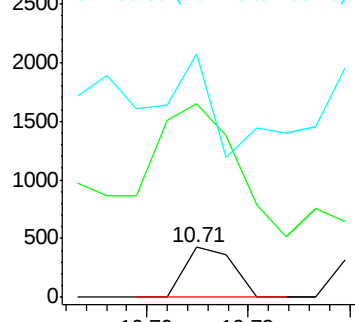
105 488.0 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#70

Phenanthrene

Concen: 18.053 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

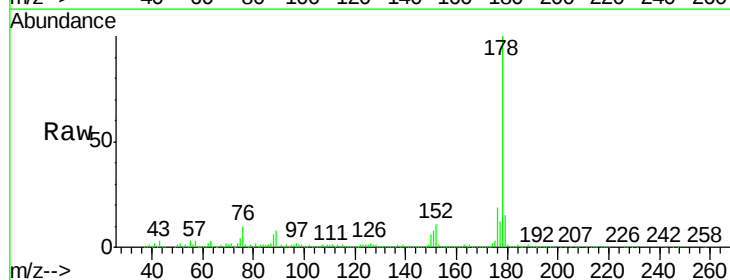
Tgt Ion:178 Resp: 450772

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

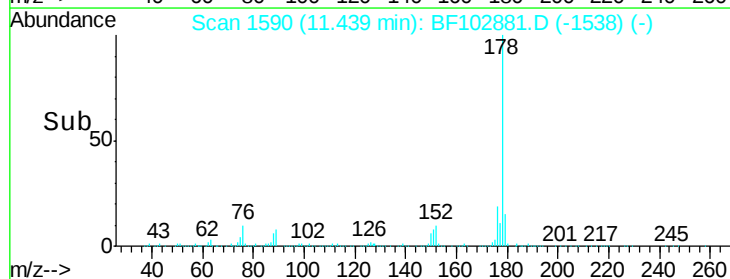
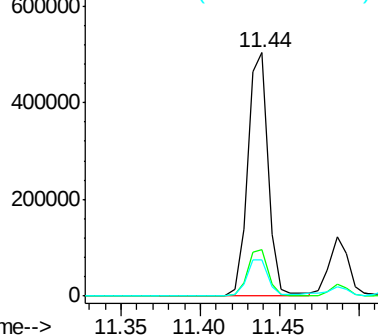
179 15.0 13.0 19.6

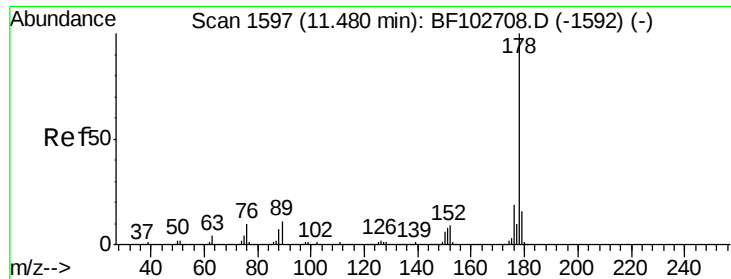


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

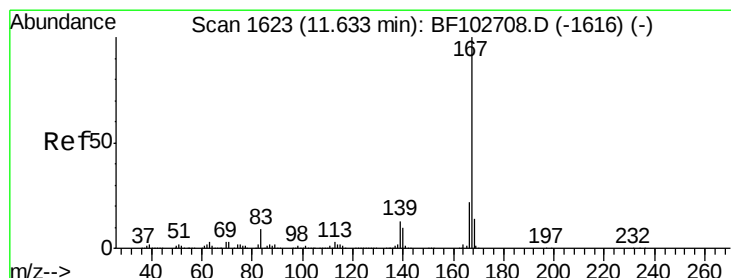
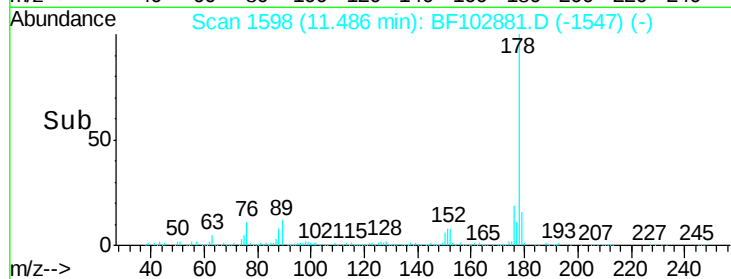
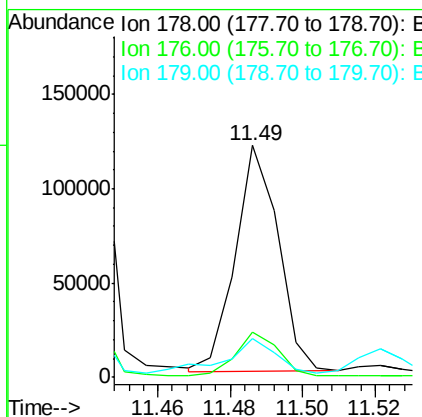
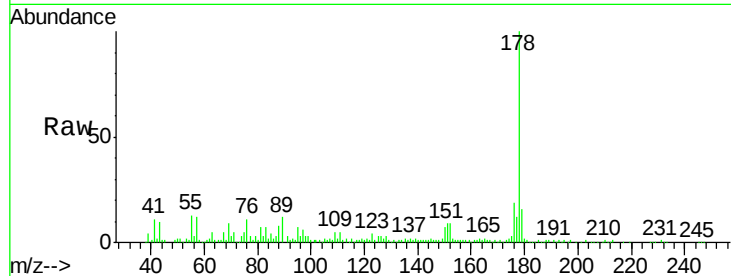




#71
 Anthracene
 Concen: 3.901 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF102881.D
 Acq: 9 Feb 2018 11:50

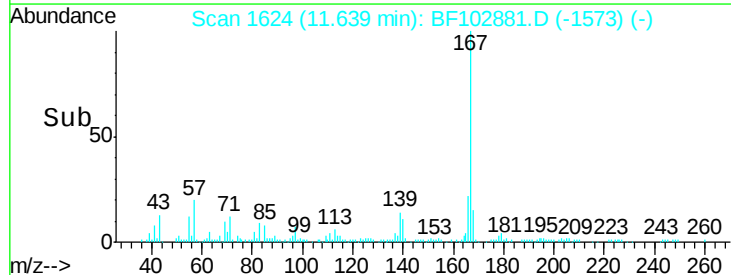
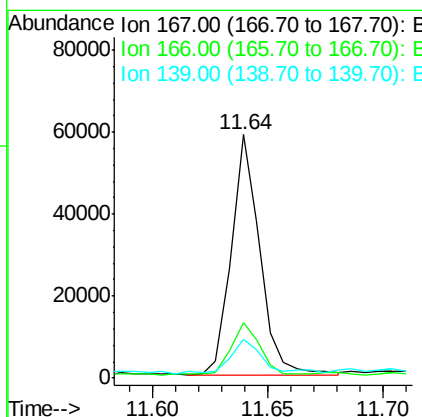
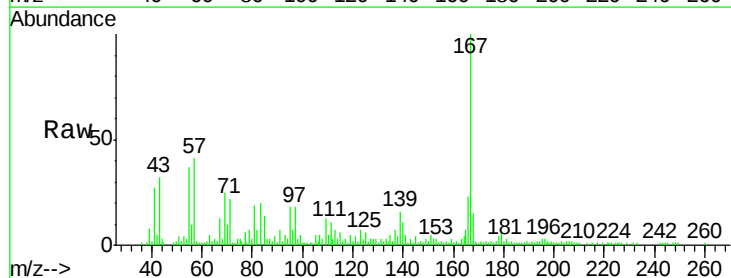
Instrument :
 BNA_F
 ClientSampleId :

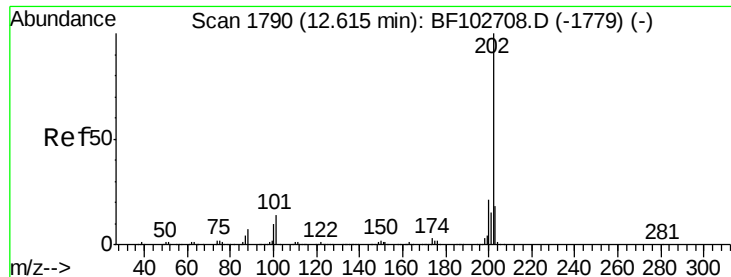
Tot Ion:178 Resp: 99071
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.5 12.6 19.0



#72
 Carbazole
 Concen: 2.007 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF102881.D
 Acq: 9 Feb 2018 11:50

Tgt Ion:167 Resp: 49944
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 16.0 10.9 16.3





#74

Fluoranthene

Concen: 17.356 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

Instrument :

BNA_F

ClientSampleId :

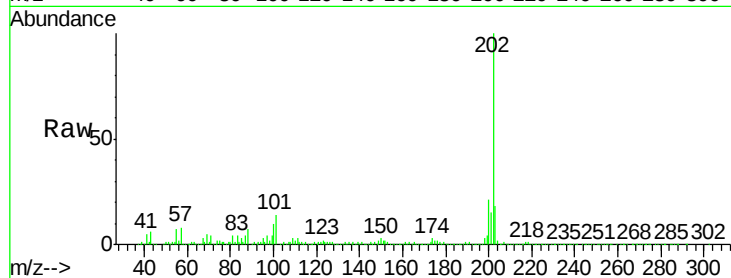
Tot Ion:202 Resp: 436019

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.1

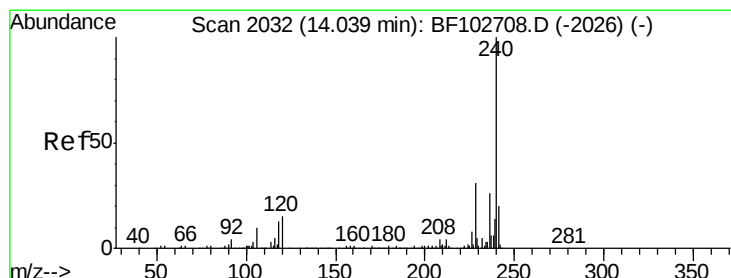
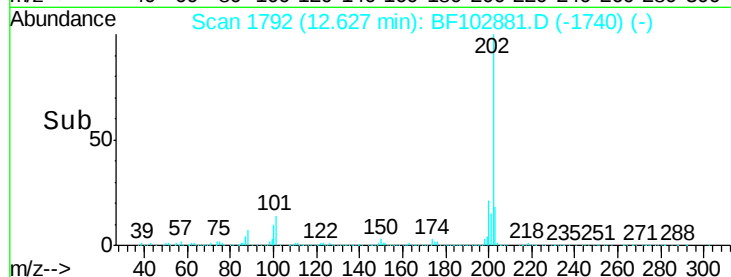
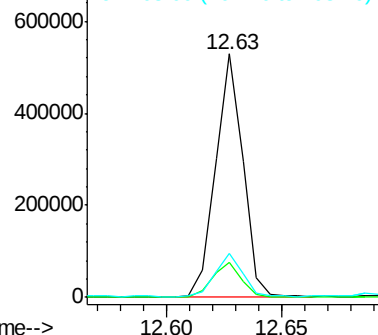
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

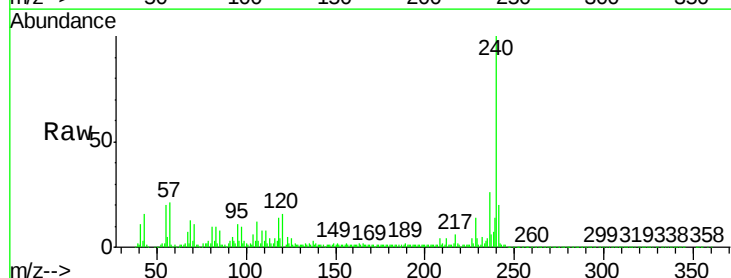
Tgt Ion:240 Resp: 285560

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

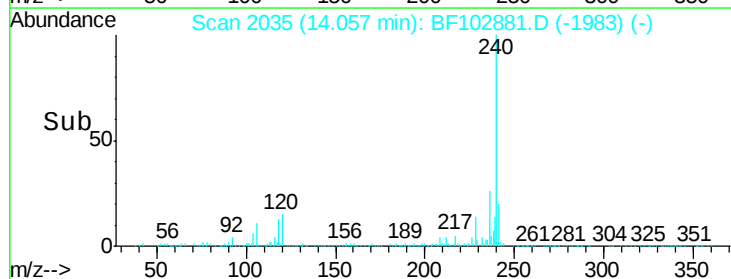
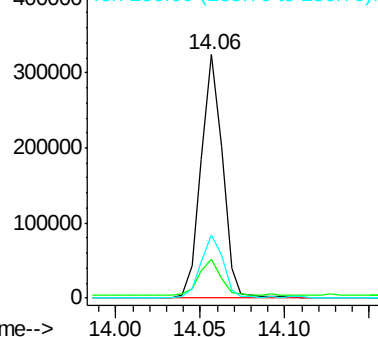
236 26.1 20.7 31.1

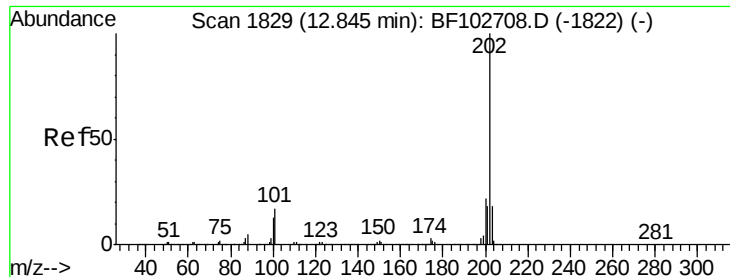


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

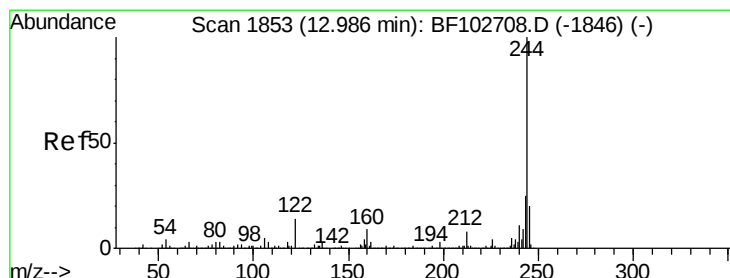
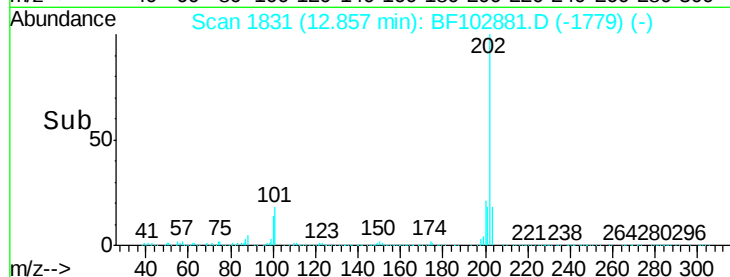
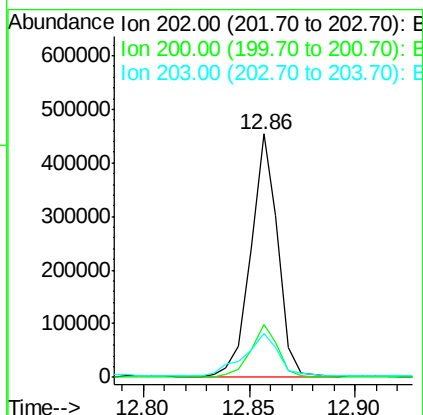
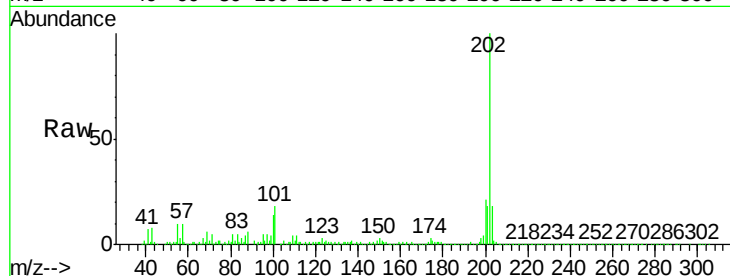




#77
Pvrene
Concen: 17.945 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102881.D
Acq: 9 Feb 2018 11:50

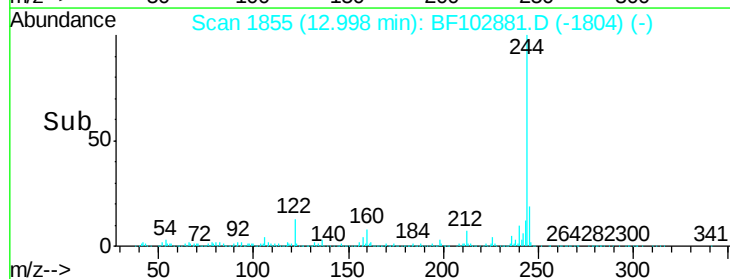
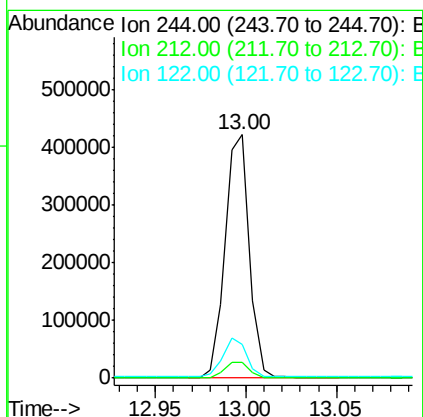
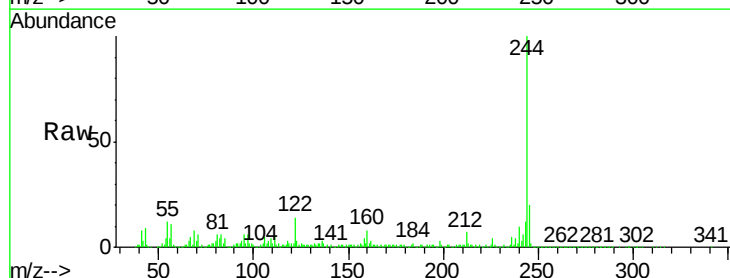
Instrument :
BNA_F
ClientSampleId :

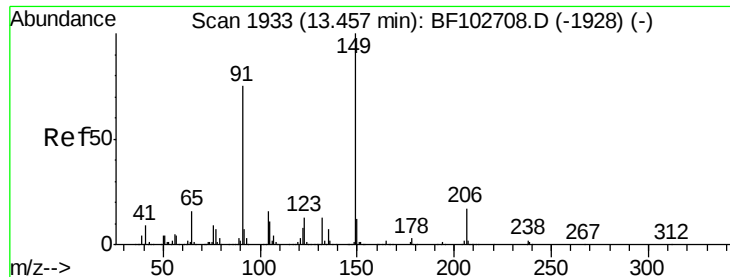
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.0	14.3	21.5



#78
Terphenyl-d14
Concen: 32.699 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102881.D
Acq: 9 Feb 2018 11:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.9	11.0	16.4

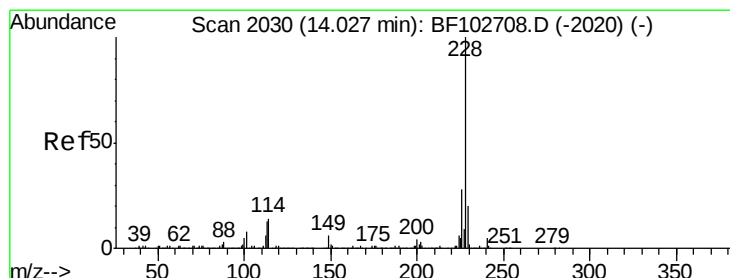
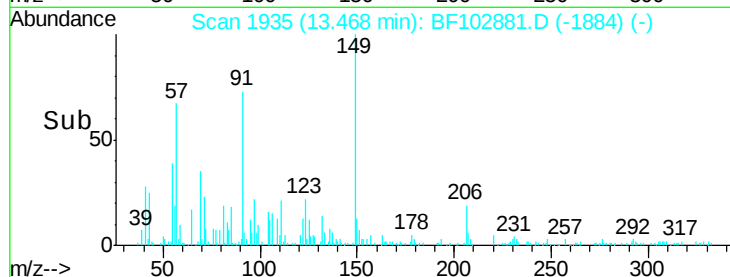
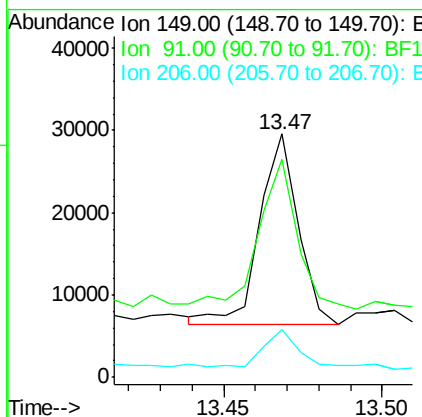
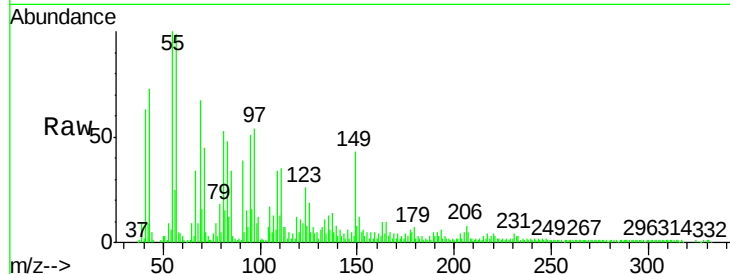




#79
Butylbenzylphthalate
Concen: 2.803 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102881.D
Acq: 9 Feb 2018 11:50

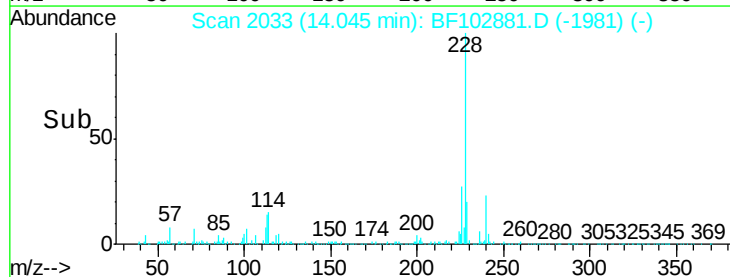
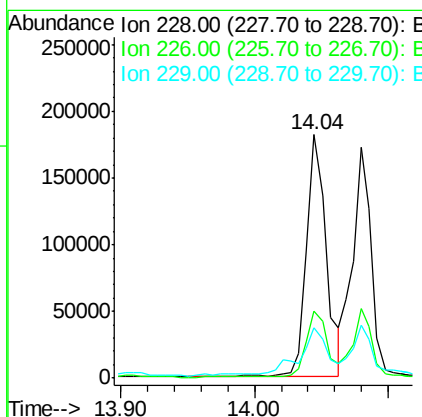
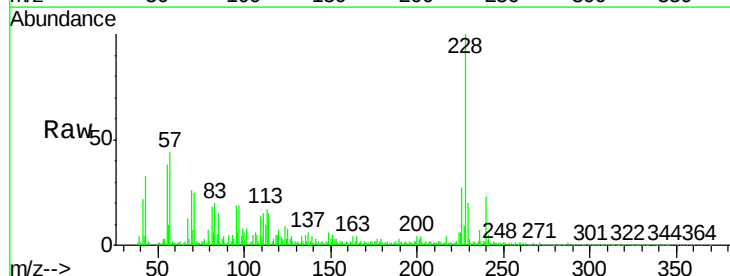
Instrument :
BNA_F
ClientSampleId :

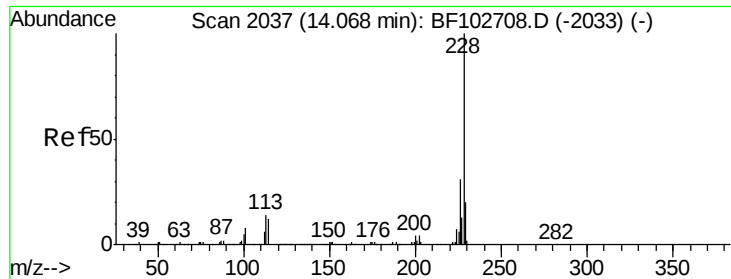
Tot Ion:149 Resp: 19461
Ion Ratio Lower Upper
149 100
91 89.6 56.8 85.2#
206 19.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 10.288 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102881.D
Acq: 9 Feb 2018 11:50

Tgt Ion:228 Resp: 184762
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 20.4 15.8 23.6





#82

Chrysene

Concen: 9.396 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

Instrument :

BNA_F

ClientSampled :

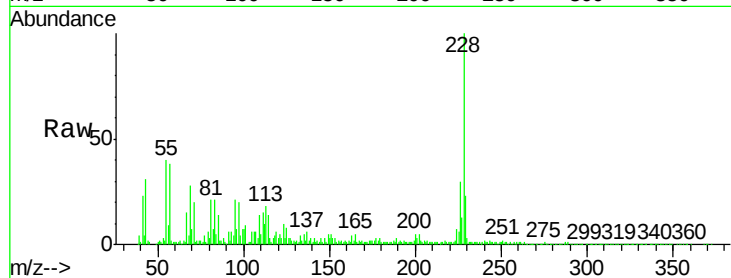
Tot Ion:228 Resp: 170101

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

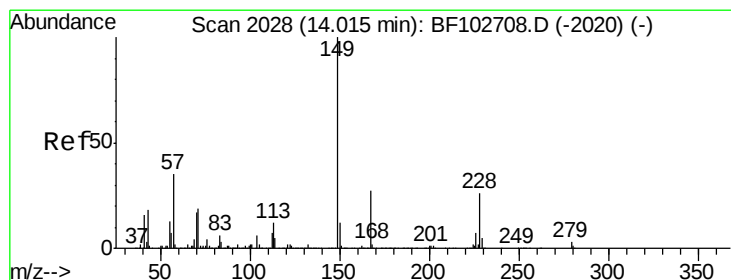
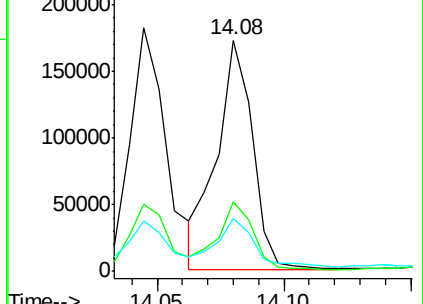
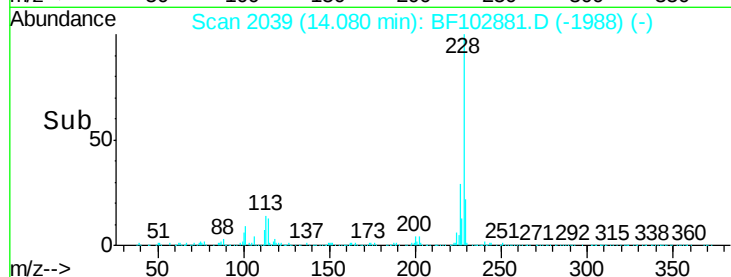
229 22.7 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 9.295 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

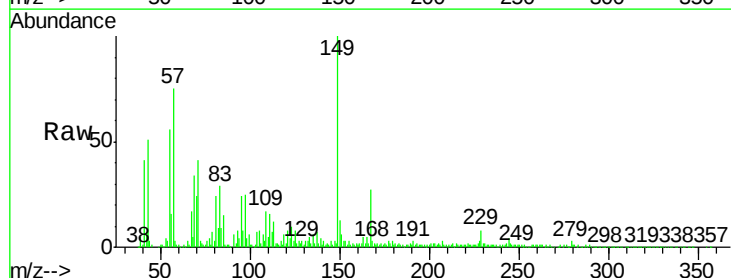
Tgt Ion:149 Resp: 127498

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

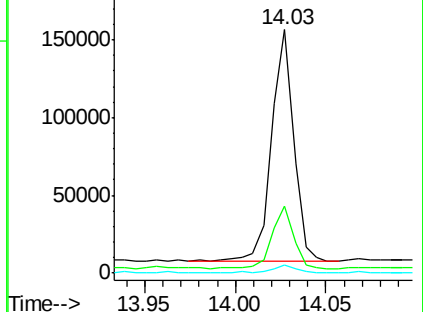
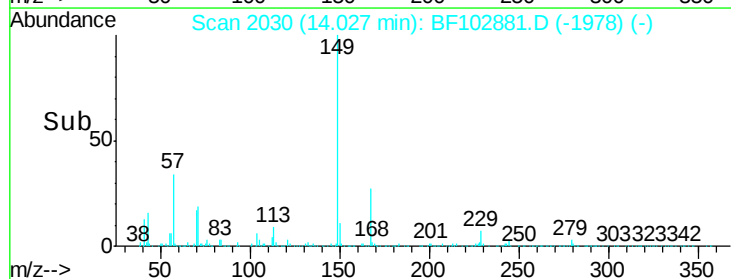
279 3.3 3.0 4.4

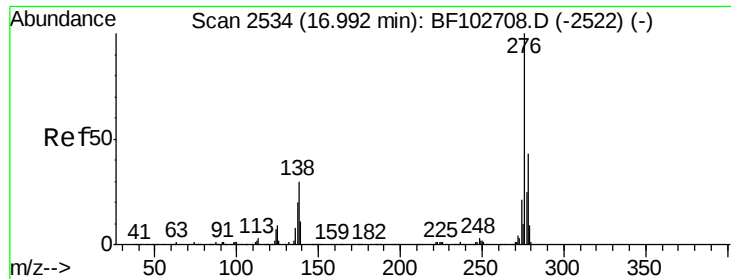


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

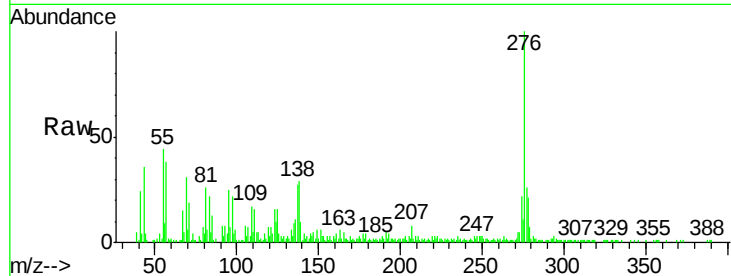




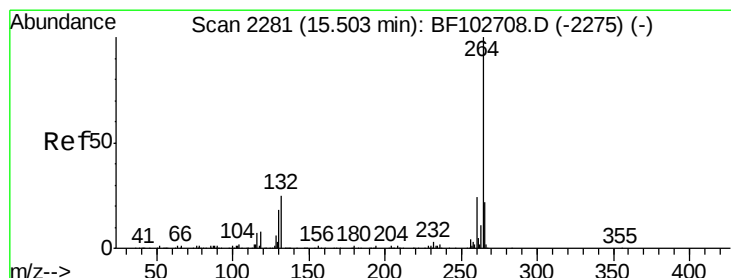
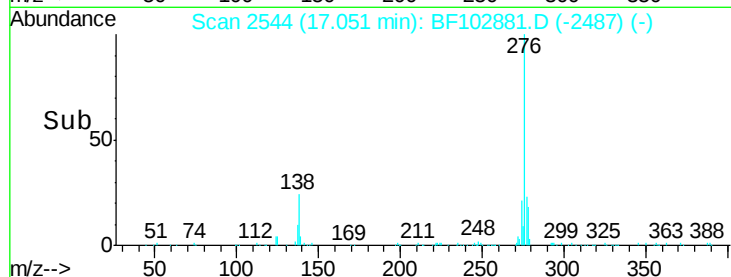
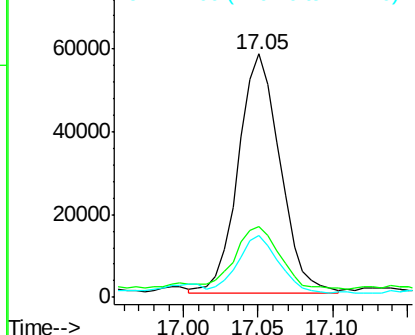
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.520 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. 0.04 min
 Lab File: BF102881.D
 Acq: 9 Feb 2018 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	23.6	20.1	30.1

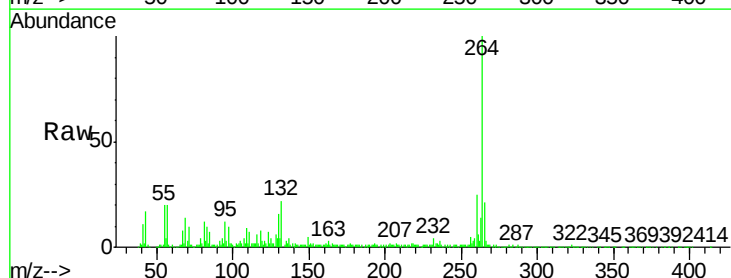


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

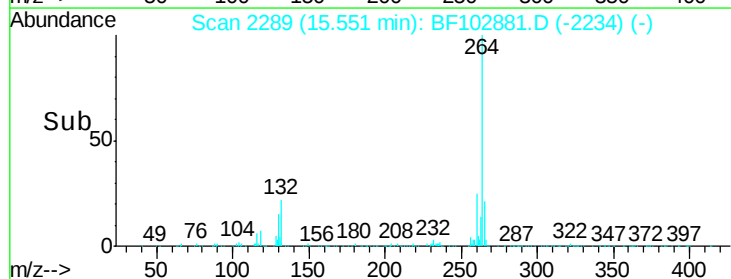
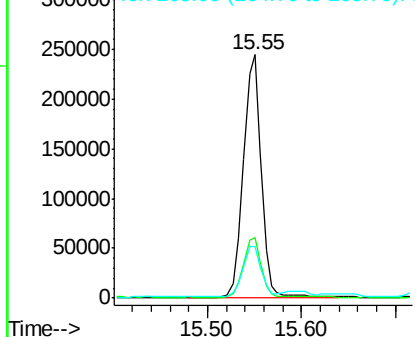


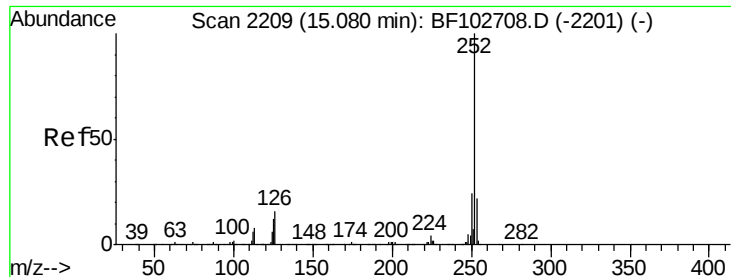
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.02 min
 Lab File: BF102881.D
 Acq: 9 Feb 2018 11:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.3	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: 16.911 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.02 min

Lab File: BF102881.D

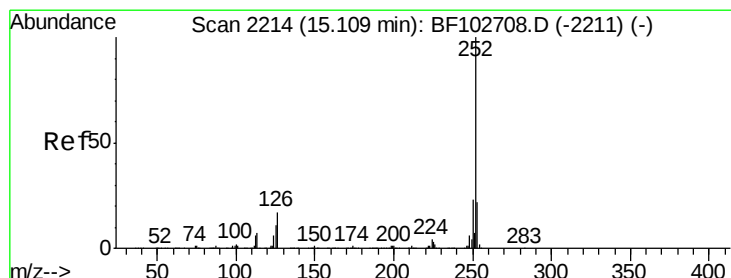
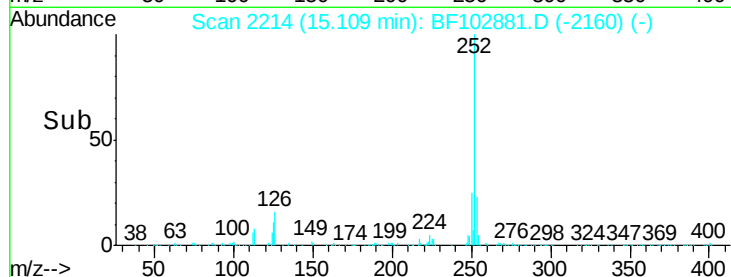
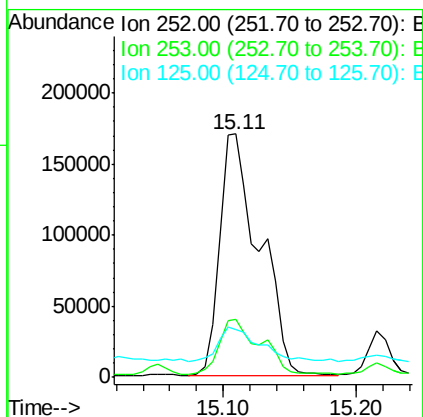
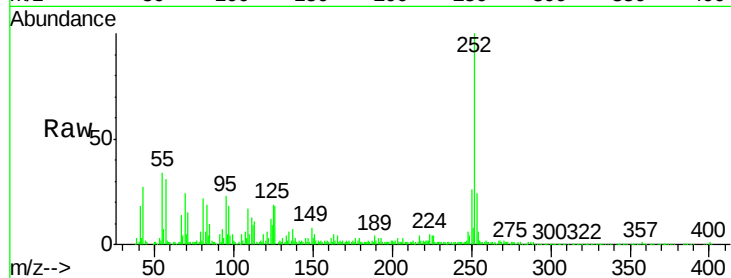
Acq: 9 Feb 2018 11:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	354854
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	19.5	9.0	13.6#



#88

Benzo(k)fluoranthene

Concen: 17.699 ng

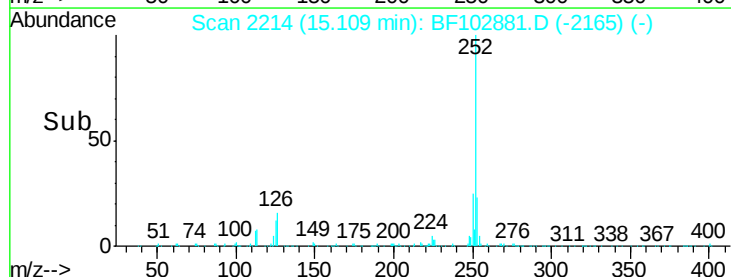
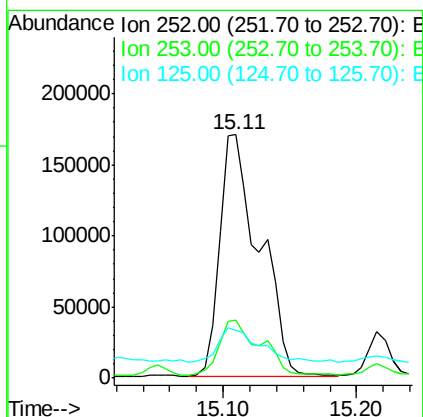
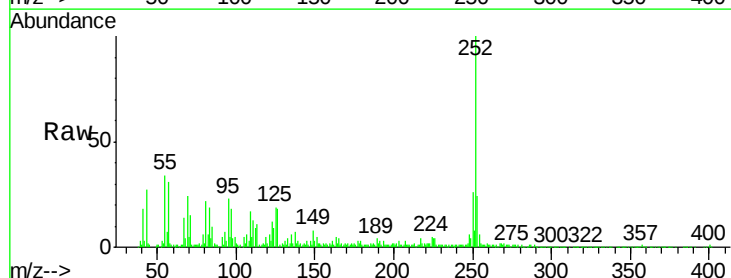
RT: 15.11 min Scan# 2214

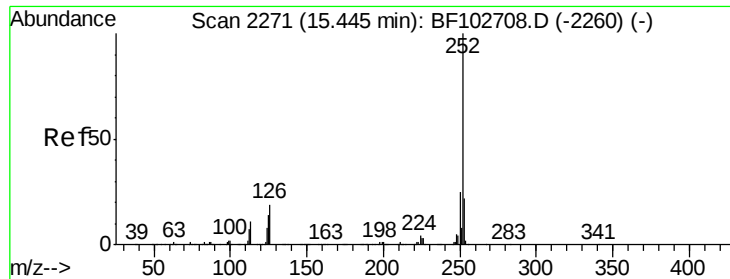
Delta R.T. -0.01 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

Tgt Ion:	252	Resp:	354854
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	19.5	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 9.691 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

Instrument :

BNA_F

ClientSampleId :

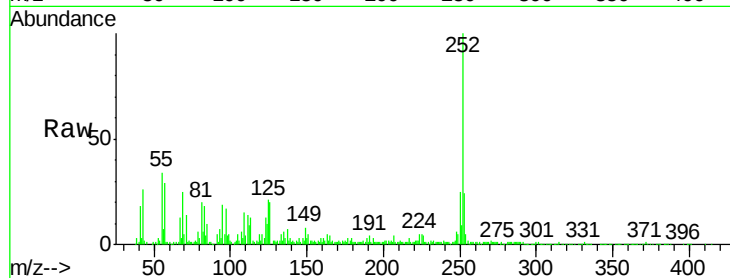
Tot Ion:252 Resp: 183038

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

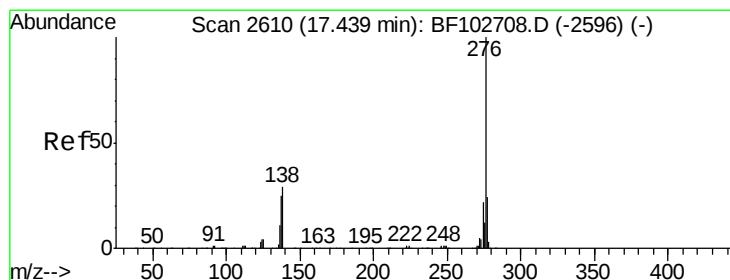
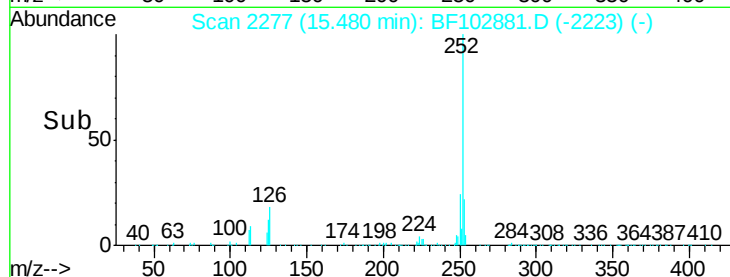
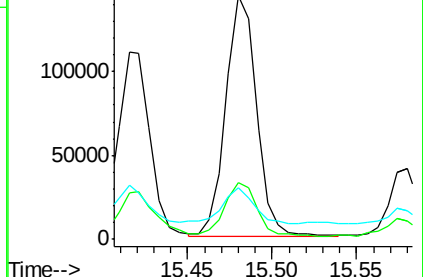
125 21.0 9.8 14.6#



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(g,h,i)perylene

Concen: 7.480 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.04 min

Lab File: BF102881.D

Acq: 9 Feb 2018 11:50

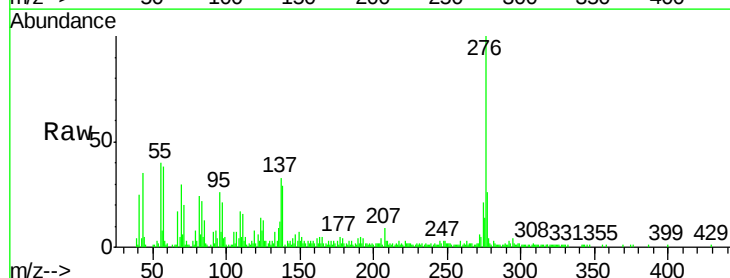
Tgt Ion:276 Resp: 112246

Ion Ratio Lower Upper

276 100

277 25.9 17.9 26.9

138 28.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

