

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107678.D
 Acq On : 26 Jul 2018 1:53
 Operator : JU/SJ
 Sample : J4126-01DL 4X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 04:04:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	182431	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	720729	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	275763	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	470946	20.00	ng	0.00
75) Chrysene-d12	14.16	240	373124	20.00	ng	0.00
86) Perylene-d12	15.69	264	321164	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	194660	17.16	ng	-0.01
7) Phenol-d6	6.60	99	278669	20.45	ng	-0.02
23) Nitrobenzene-d5	7.53	82	163569	15.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	61199	19.52	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	288703	11.24	ng	-0.02
78) Terphenyl-d14	13.09	244	212826	14.60	ng	-0.01

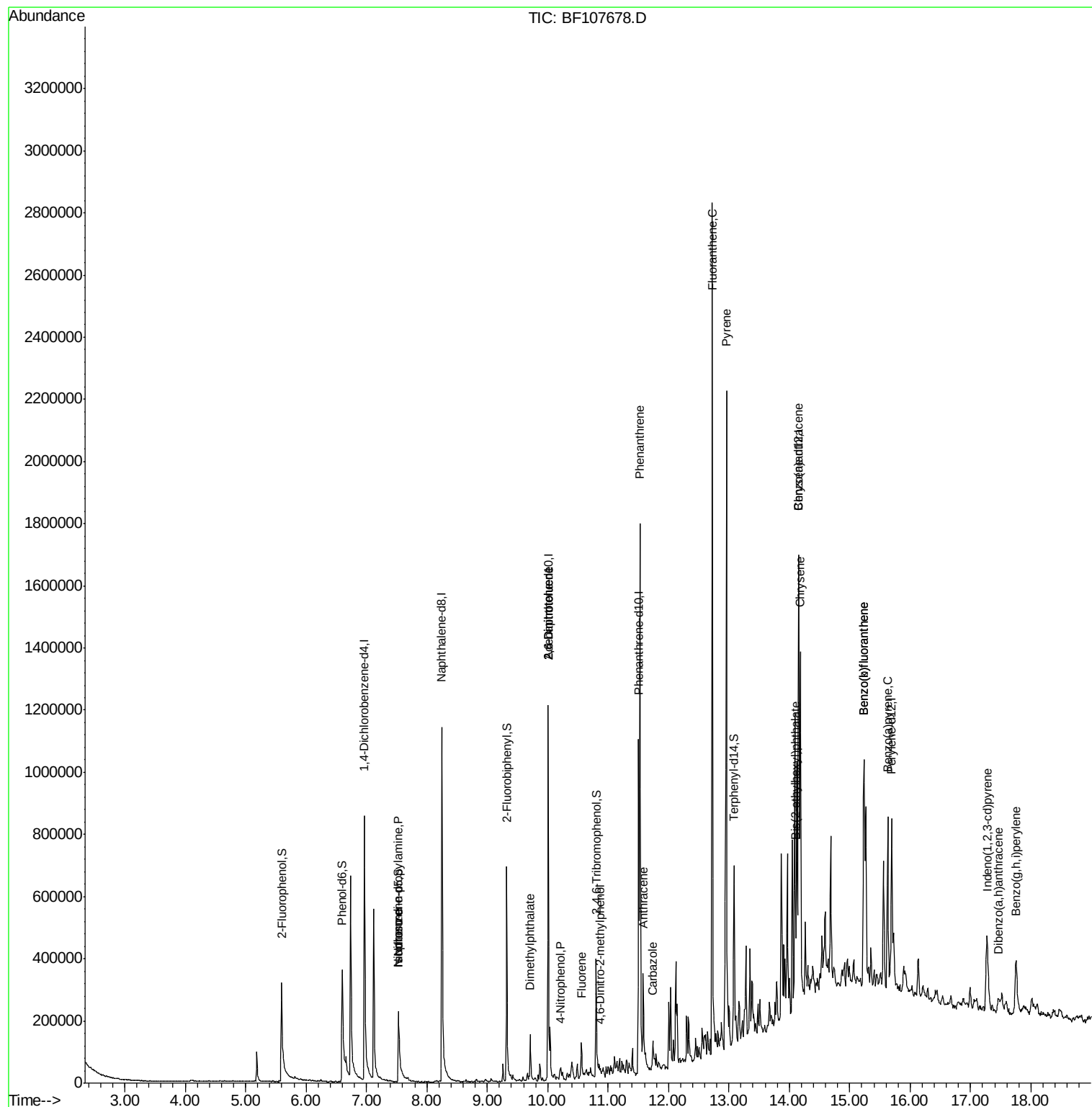
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	5181	Below Cal		94
19) n-Nitroso-di-n-propylamine	7.53	70	19728	2.241 ng	#	86
25) Isophorone	7.53	82	163569	7.173 ng	#	64
49) Dimethylphthalate	9.71	163	63573	3.059 ng		100
50) 2,6-Dinitrotoluene	10.01	165	35156	8.520 ng	#	26
55) 4-Nitrophenol	10.22	139	8737	2.325 ng	#	9
56) 2,4-Dinitrotoluene	10.01	165	35711	7.170 ng	#	24
57) Fluorene	10.56	166	45382	2.500 ng		86
64) 4,6-Dinitro-2-methylphenol	10.88	198	3054	9.781 ng	#	33
70) Phenanthrene	11.53	178	709040	30.896 ng		99
71) Anthracene	11.58	178	187445	8.112 ng		99
72) Carbazole	11.74	167	60568	2.521 ng		99
73) Di-n-butylphthalate	12.05	149	4395	Below Cal	#	60
74) Fluoranthene	12.72	202	1267032	51.450 ng		97
77) Pyrene	12.96	202	1064149	41.695 ng		98
80) Benzo(a)anthracene	14.15	228	471666	21.571 ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	523	Below Cal	#	1
82) Chrysene	14.18	228	460809	21.939 ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	66116	4.269 ng		96
85) Indeno(1,2,3-cd)pyrene	17.28	276	187763	10.547 ng	#	86
87) Benzo(b)fluoranthene	15.24	252	660923	37.602 ng		99
88) Benzo(k)fluoranthene	15.24	252	660923	38.380 ng		98
89) Benzo(a)pyrene	15.63	252	323740	20.135 ng		100
90) Dibenzo(a,h)anthracene	17.47	278	30465	2.192 ng		94
91) Benzo(g,h,i)perylene	17.75	276	185471	13.529 ng	#	91

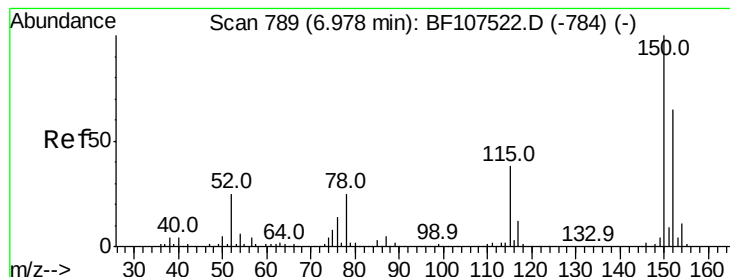
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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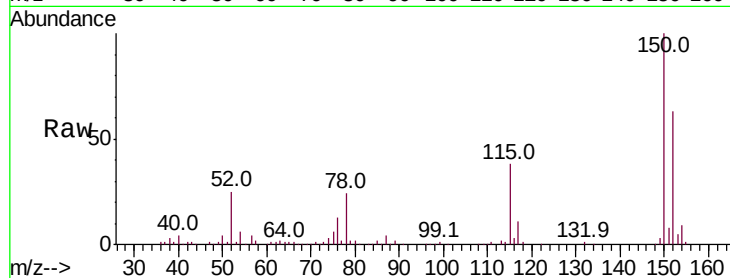


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	60.5	50.1	75.1

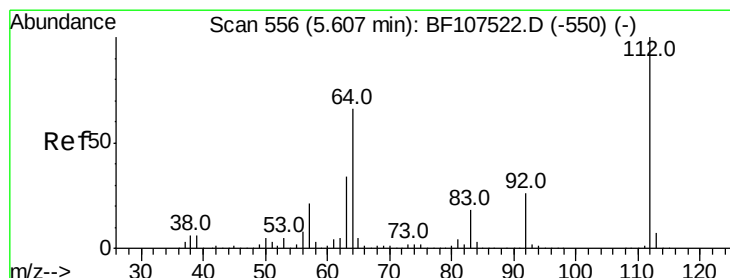
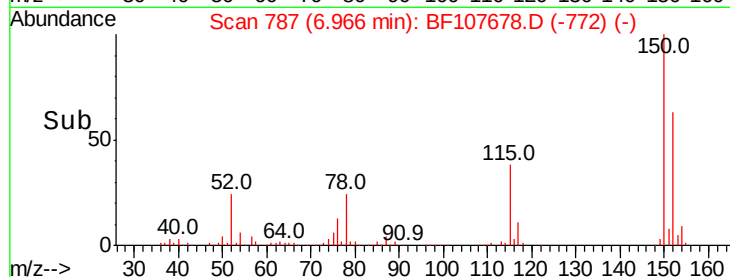
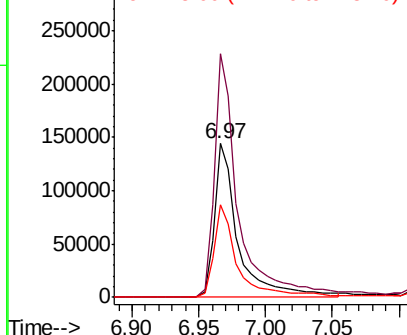


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

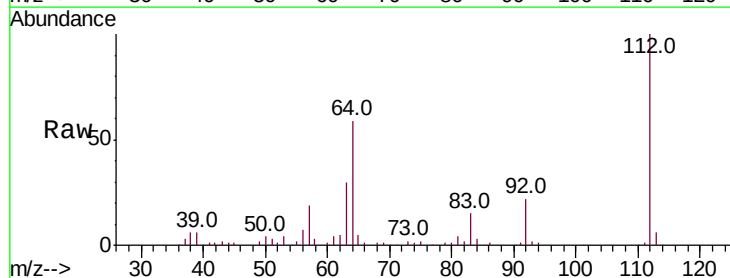
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 17.156 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	29.8	23.7	35.5

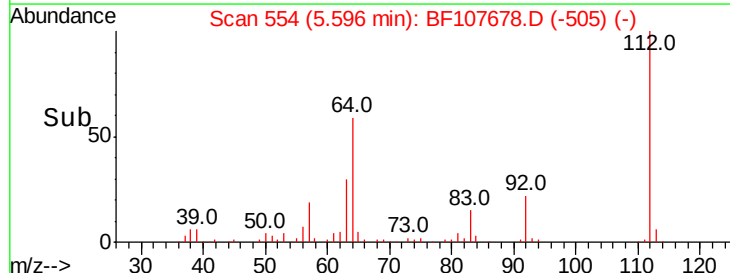
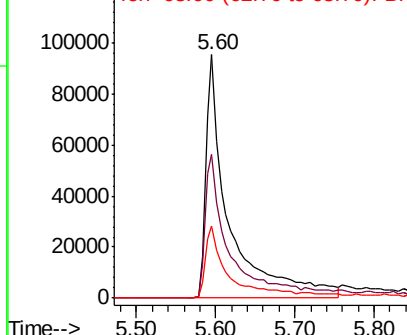


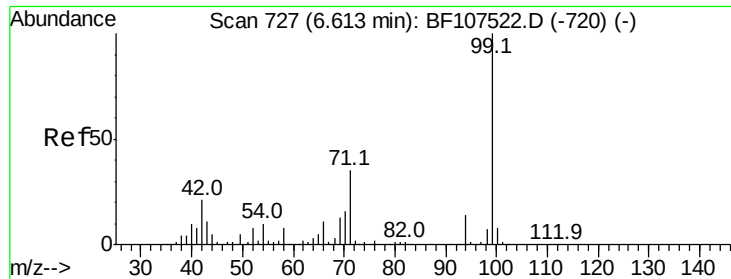
Abundance

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: 20.454 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Instrument :

BNA_F

ClientSampled :

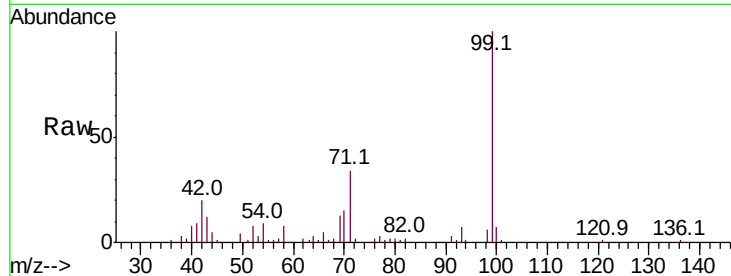
Tot Ion: 99 Resp: 278669

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 33.5 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

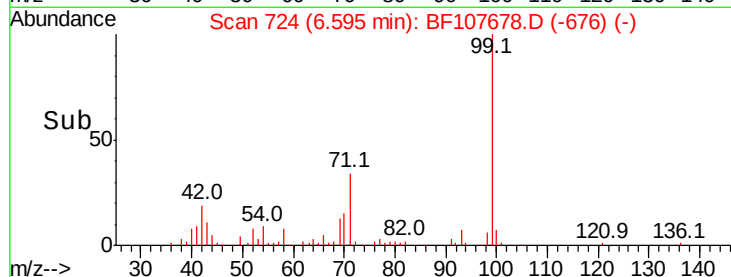
150000

100000

50000

0

Time-->



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

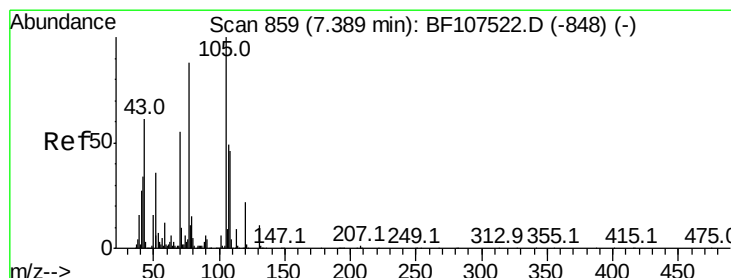
150000

100000

50000

0

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 2.241 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Tgt Ion: 70 Resp: 19728

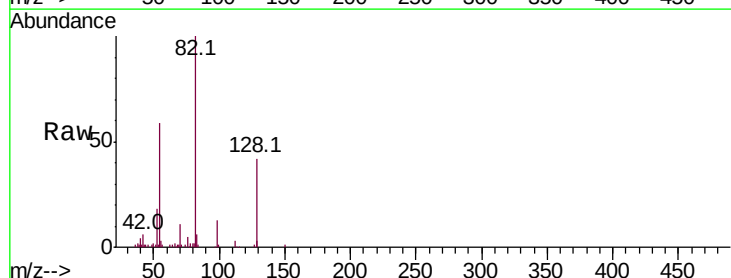
Ion Ratio Lower Upper

70 100

42 57.9 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 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

12000

10000

8000

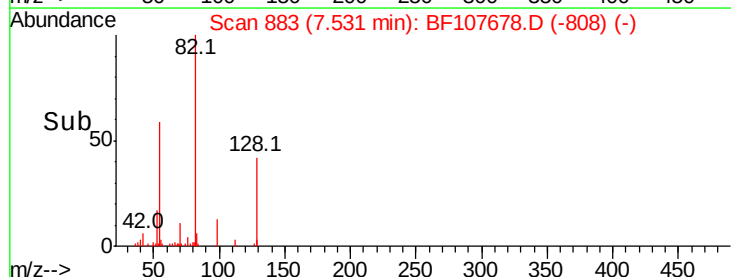
6000

4000

2000

0

Time-->



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

12000

10000

8000

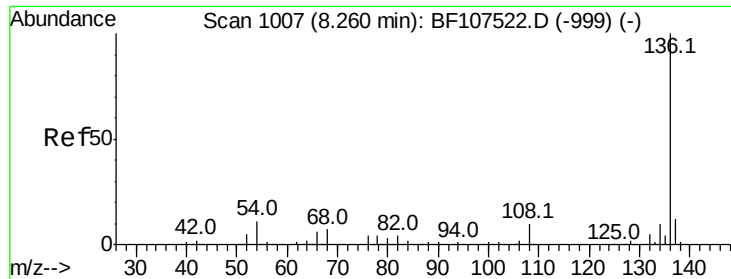
6000

4000

2000

0

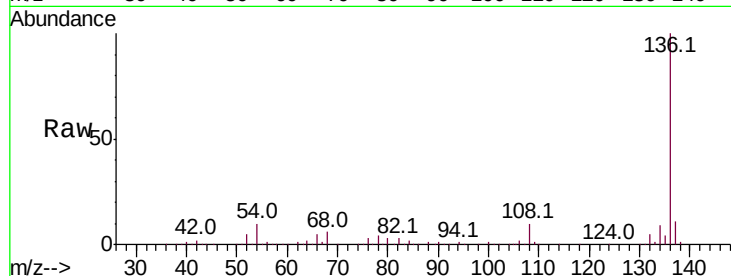
Time-->



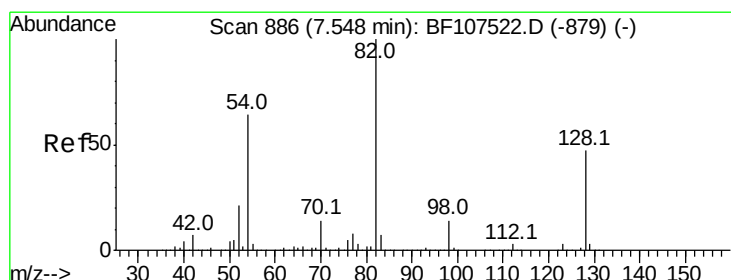
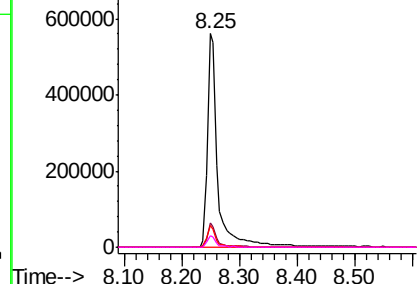
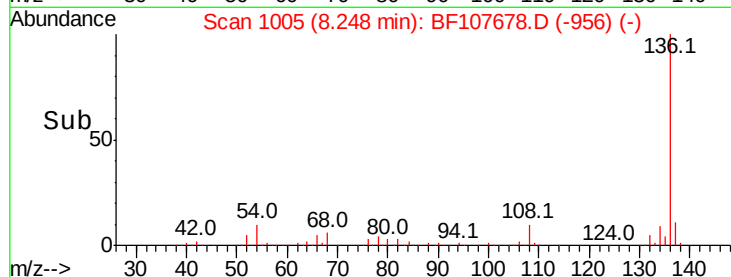
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	720729
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.0	6.6	9.8#
68	5.6	5.0	7.4

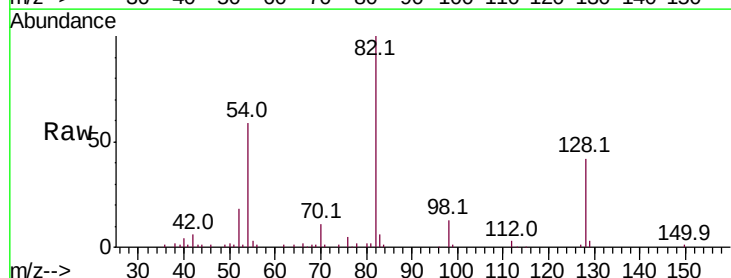


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

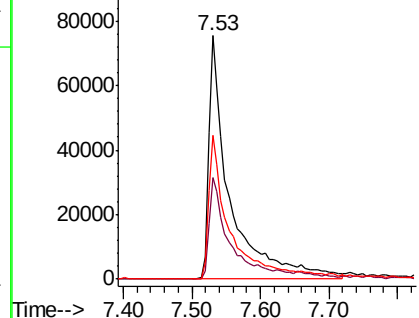
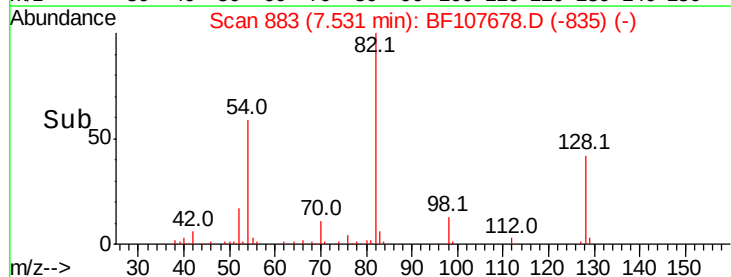


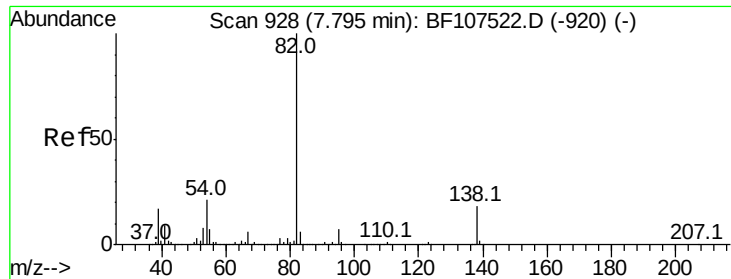
#23
Nitrobenzene-d5
Concen: 15.316 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Tgt Ion:	82	Resp:	163569
Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	58.9	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: 7.173 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Instrument :

BNA_F

ClientSampled :

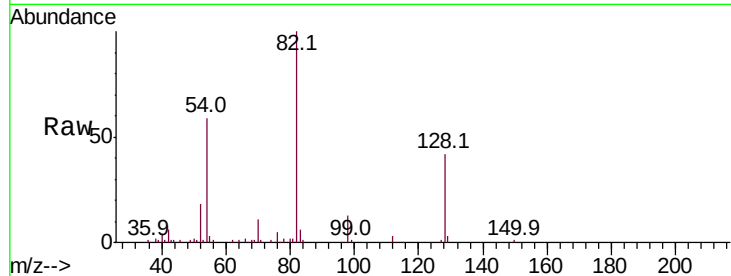
Tot Ion: 82 Resp: 163569

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

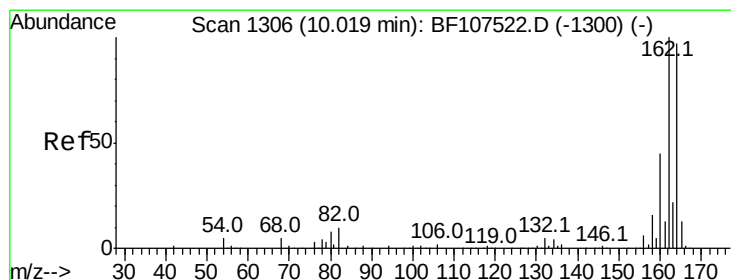
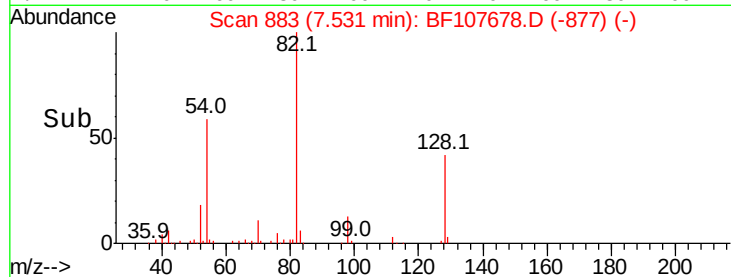
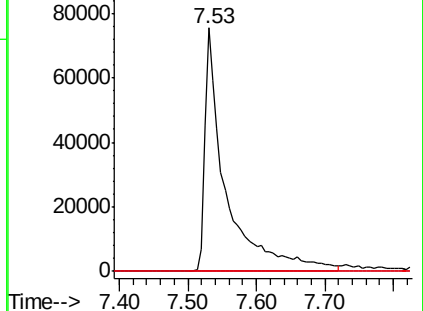
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

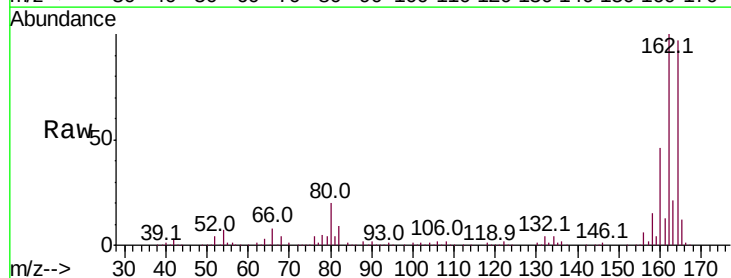
Tgt Ion: 164 Resp: 275763

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

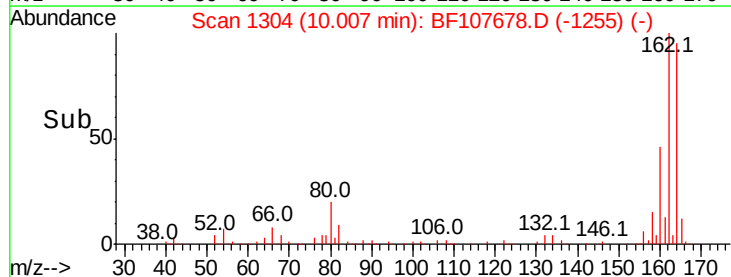
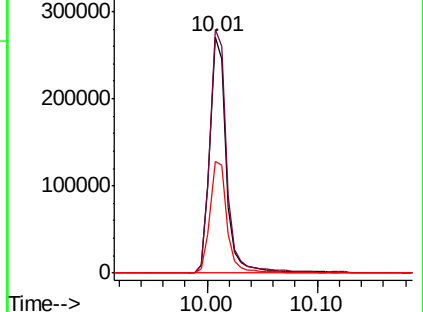
160 47.5 38.3 57.5

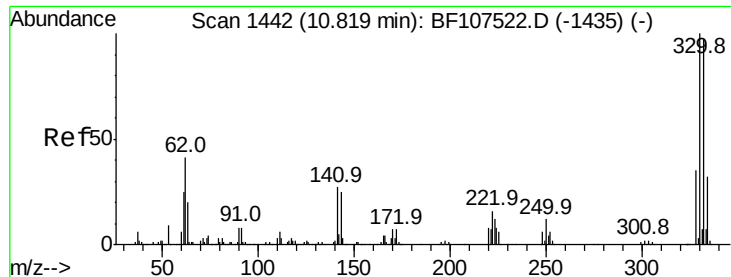


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

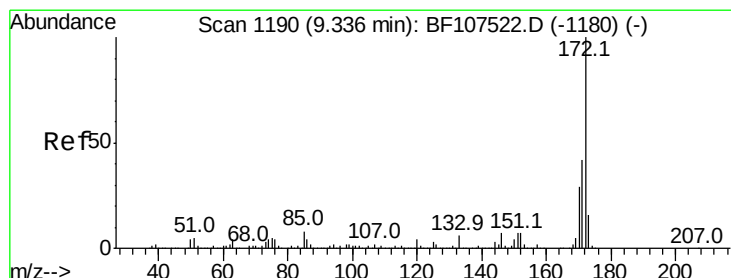
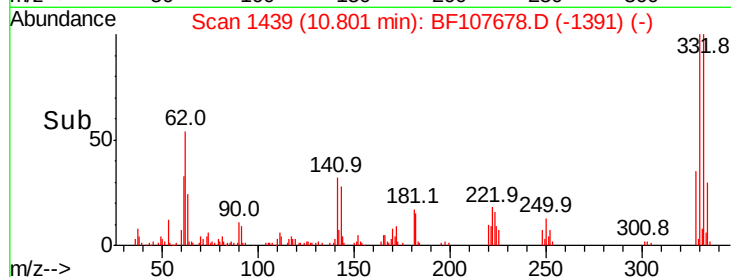
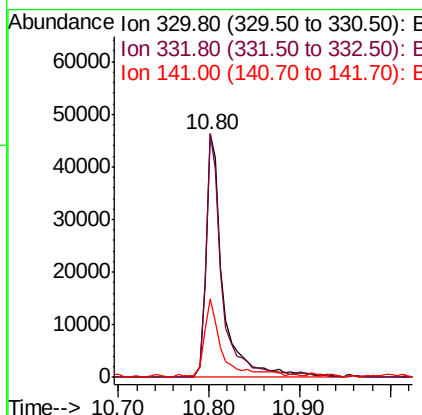
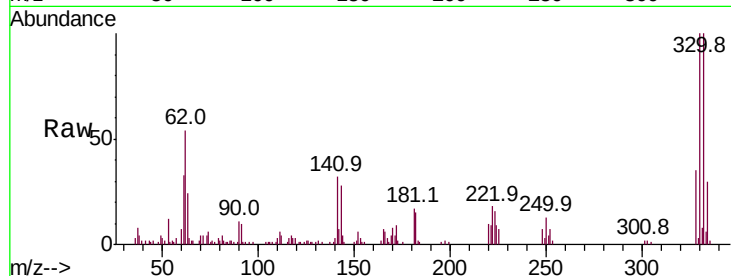




#41
 2,4,6-Tribromophenol
 Concen: 19.516 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107678.D
 Acq: 26 Jul 2018 1:53

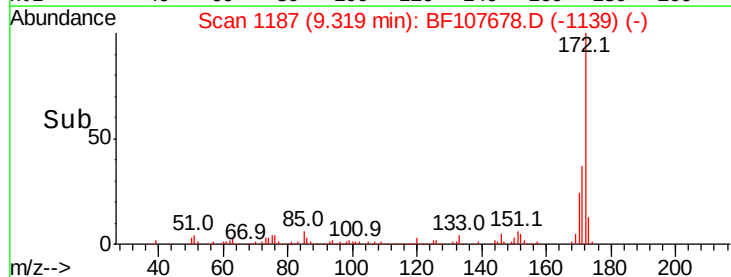
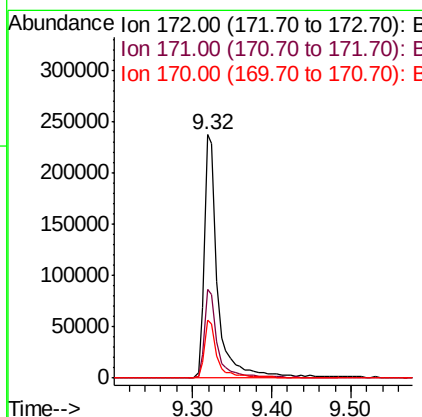
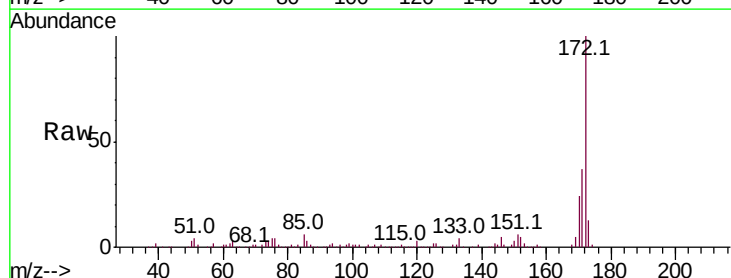
Instrument :
 BNA_F
 ClientSampleId :

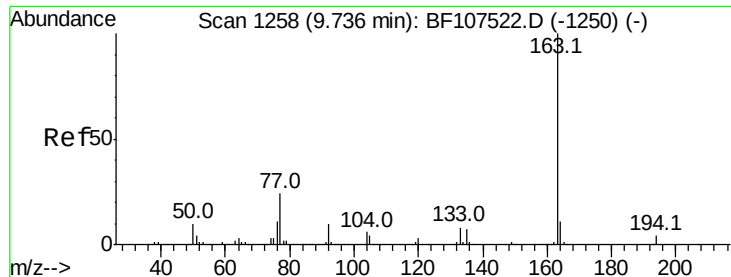
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.0	115.6
141	33.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 11.241 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107678.D
 Acq: 26 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 3.059 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Instrument :

BNA_F

ClientSampleId :

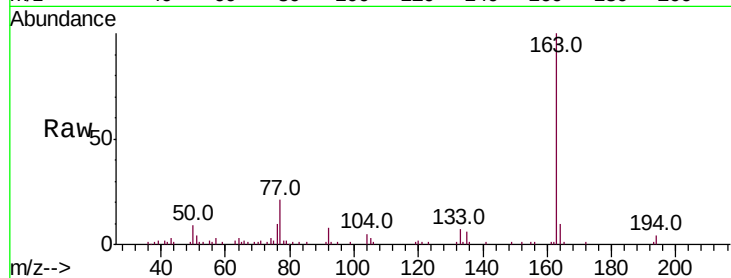
Tot Ion:163 Resp: 63573

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

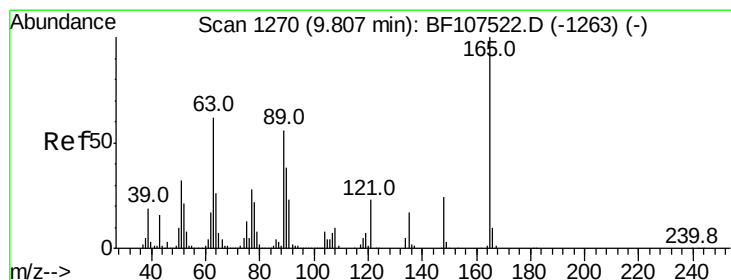
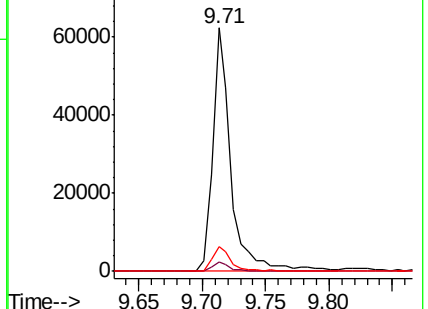
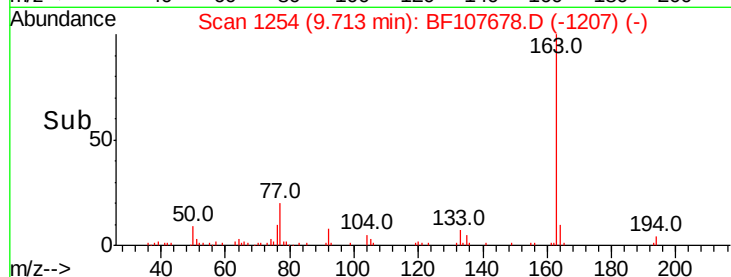
164 10.2 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.520 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.20 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

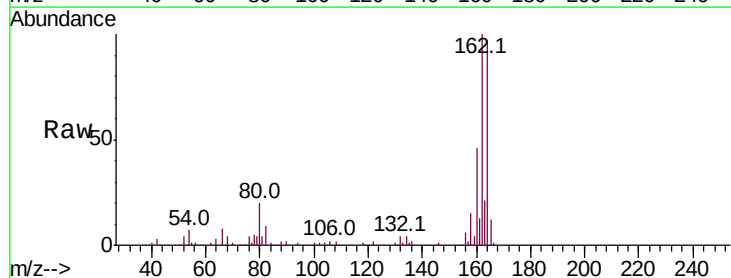
Tgt Ion:165 Resp: 35156

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

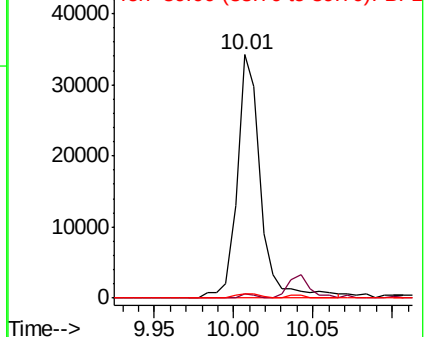
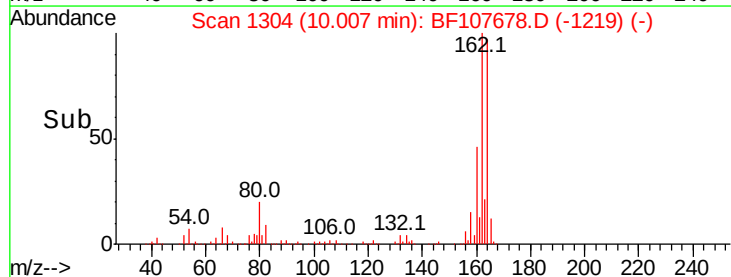
89 1.8 44.0 66.0#

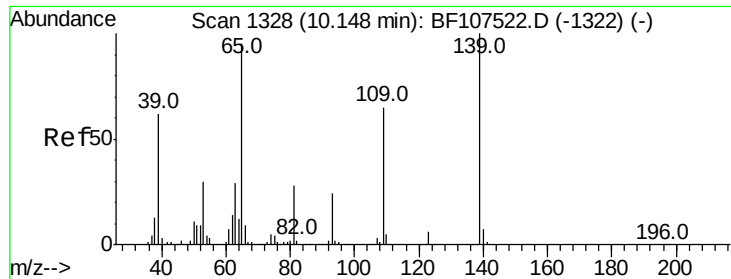


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

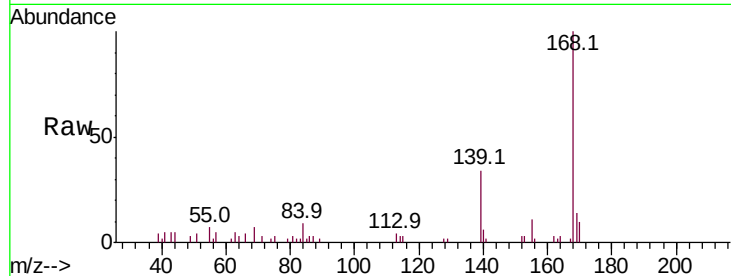




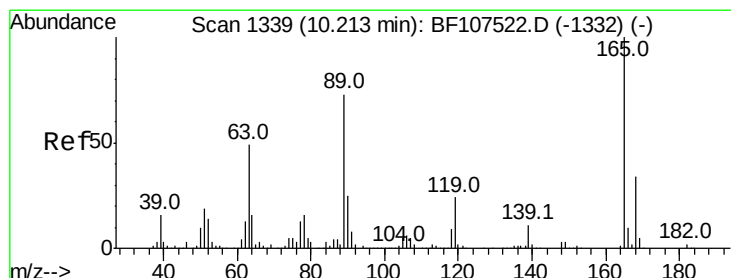
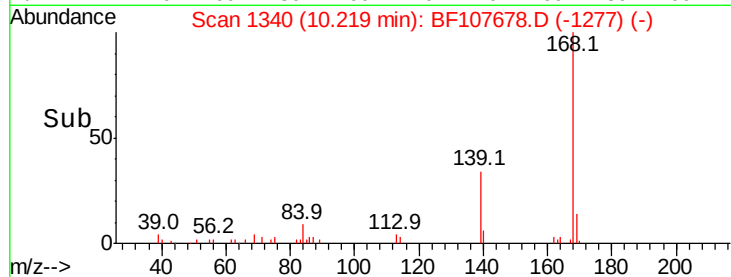
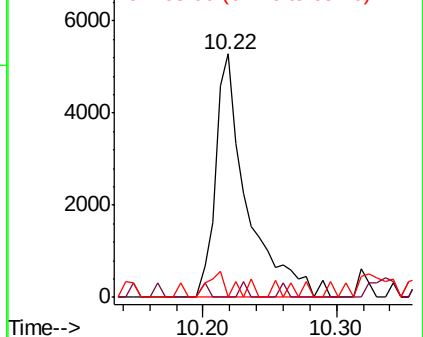
#55
4-Nitrophenol
Concen: 2.325 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.07 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 8737
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

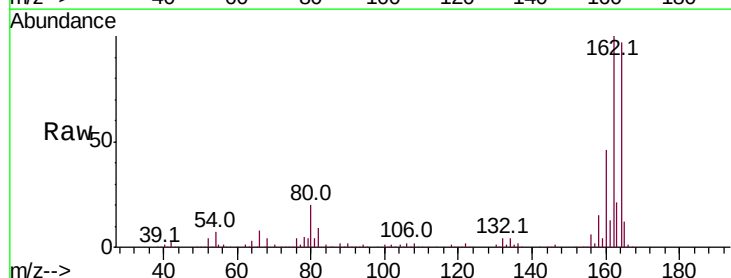


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

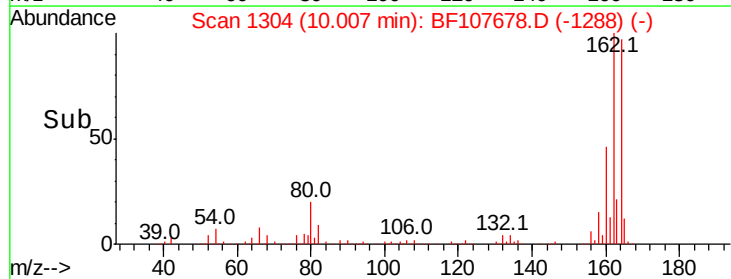
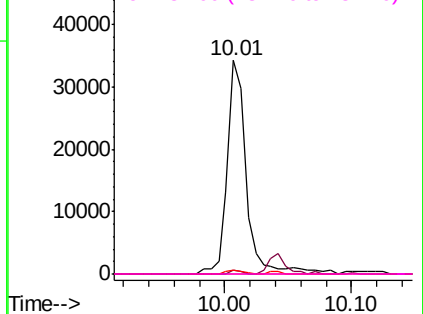


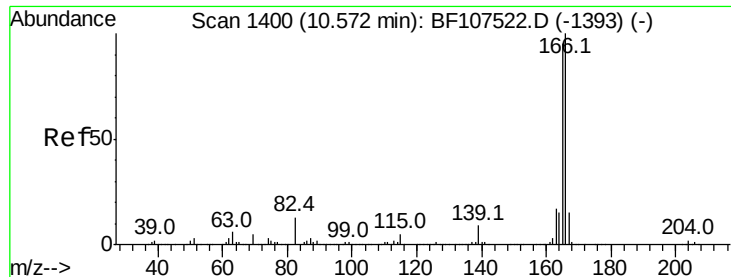
#56
2,4-Dinitrotoluene
Concen: 7.170 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Tgt Ion:165 Resp: 35711
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.8 57.8 86.6#
182 0.0 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

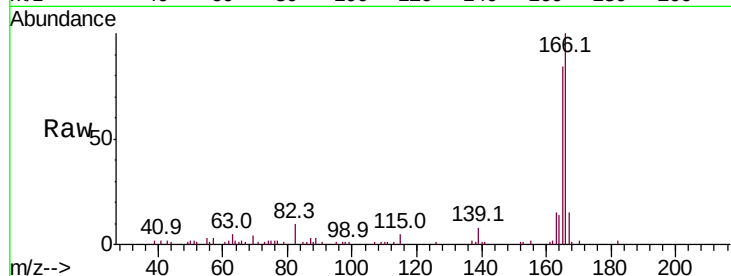




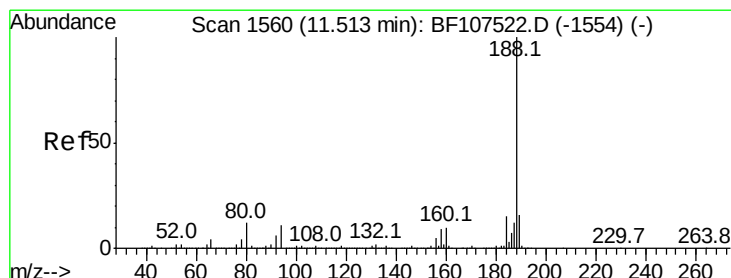
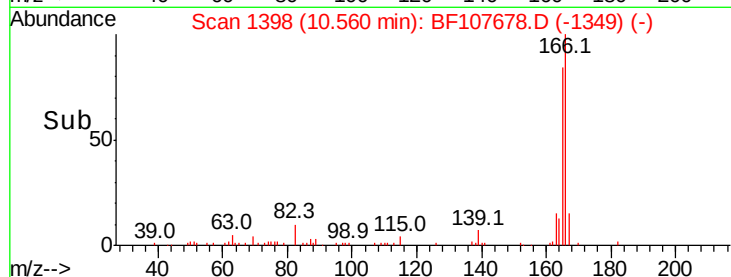
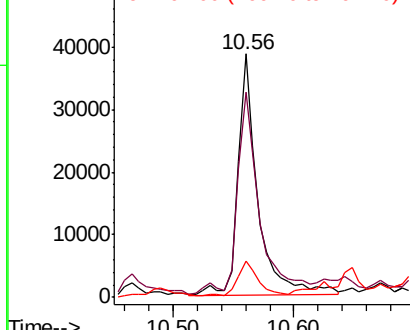
#57
 Fluorene
 Concen: 2.500 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF107678.D
 Acq: 26 Jul 2018 1:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 45382
 Ion Ratio Lower Upper
 166 100
 165 84.4 79.8 119.8
 167 14.9 10.6 16.0

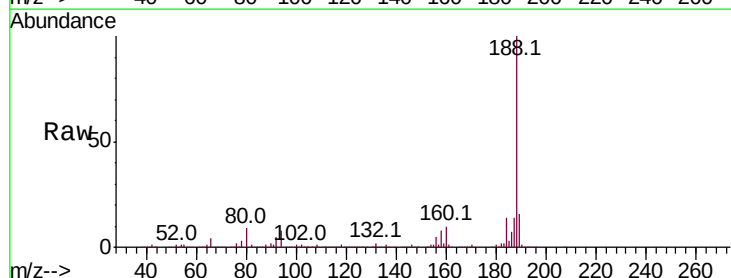


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

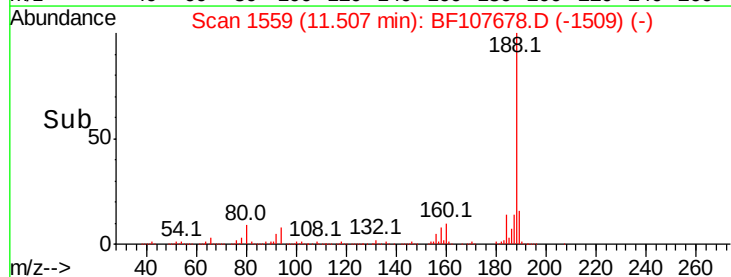
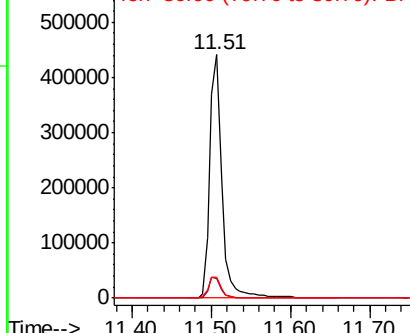


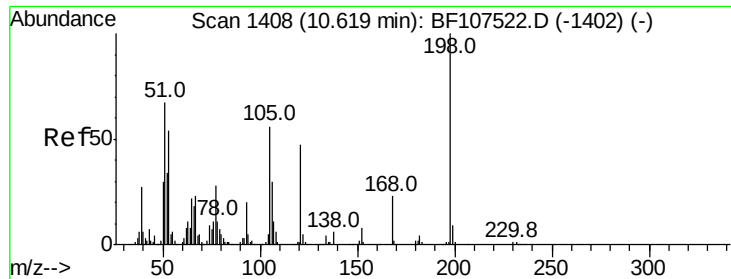
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF107678.D
 Acq: 26 Jul 2018 1:53

Tgt Ion:188 Resp: 470946
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.5 12.7#
 80 8.8 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 9.781 ng

RT: 10.88 min Scan# 1452

Delta R.T. 0.26 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Instrument :

BNA_F

ClientSampled :

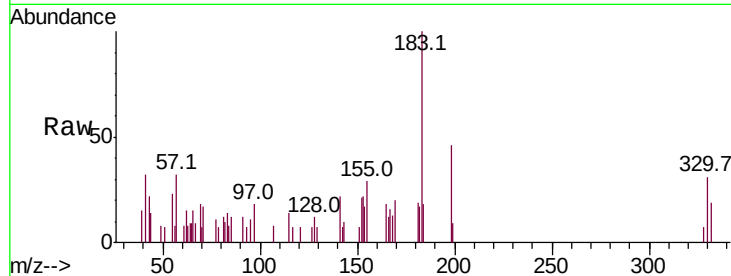
Tot Ion:198 Resp: 3054

Ion Ratio Lower Upper

198 100

51 15.4 37.7 77.7#

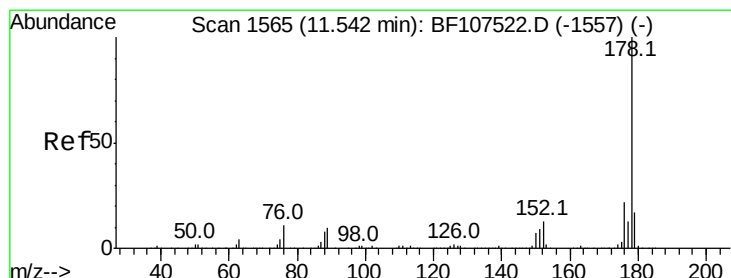
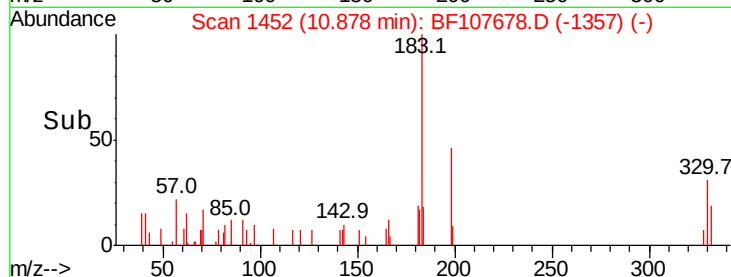
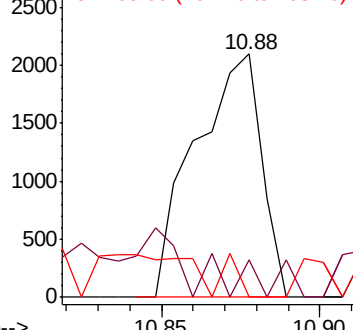
105 0.0 36.3 76.3#



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: 30.896 ng

RT: 11.53 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

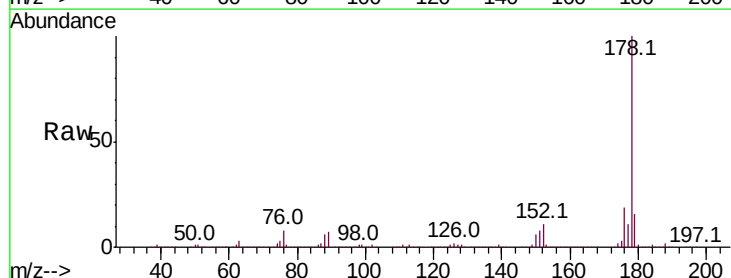
Tgt Ion:178 Resp: 709040

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

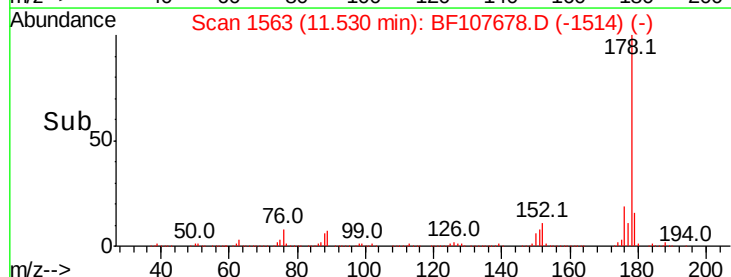
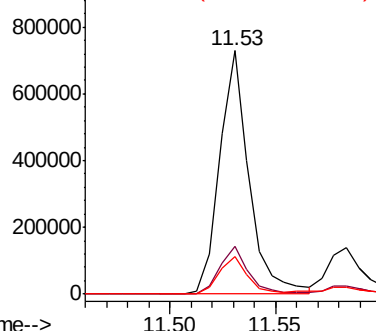
179 15.6 13.0 19.6

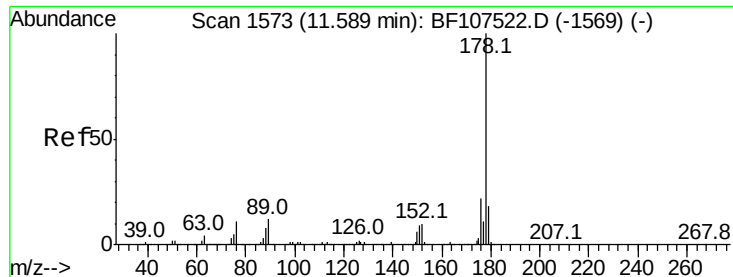


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

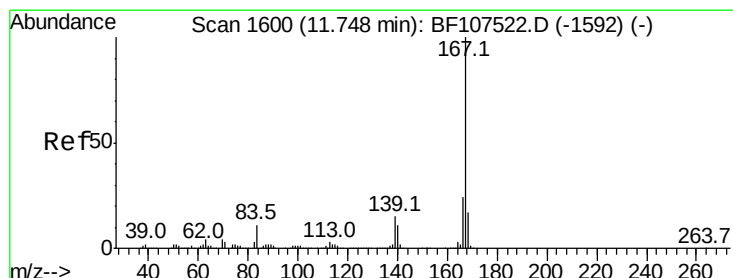
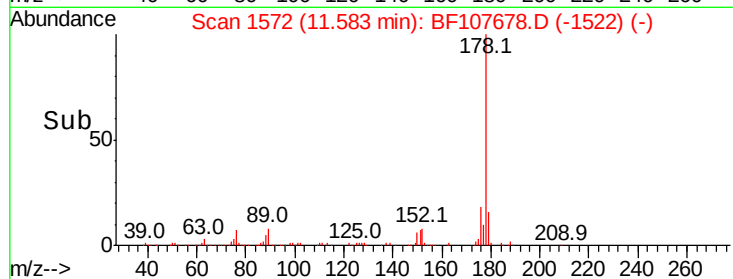
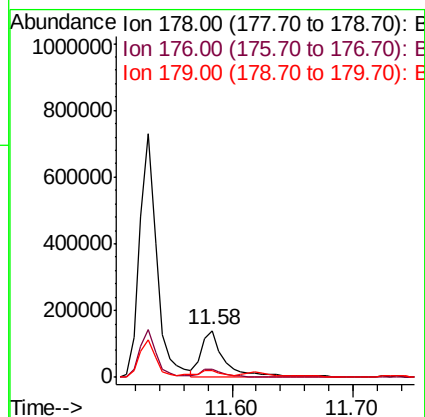
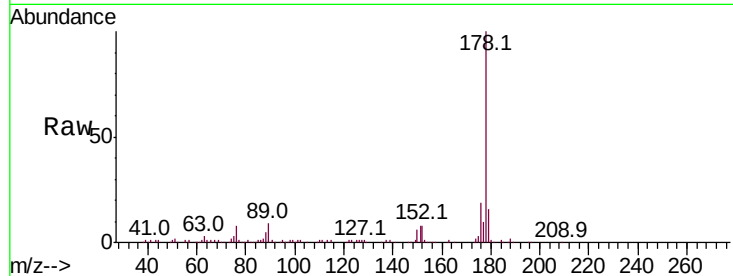




#71
 Anthracene
 Concen: 8.112 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF107678.D
 Acq: 26 Jul 2018 1:53

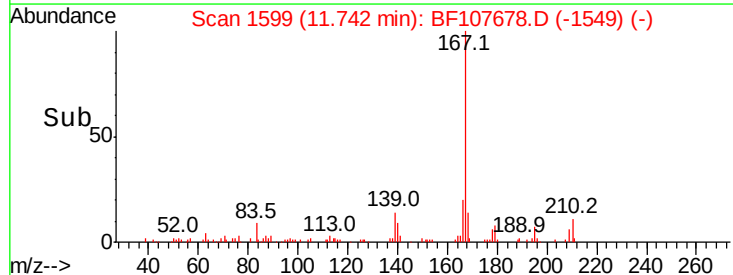
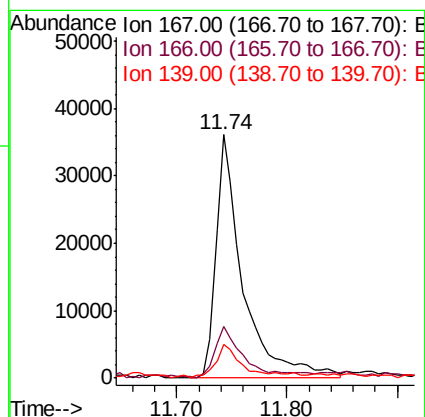
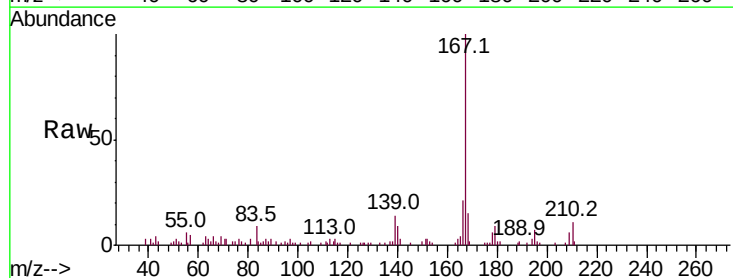
Instrument :
 BNA_F
 ClientSampled :

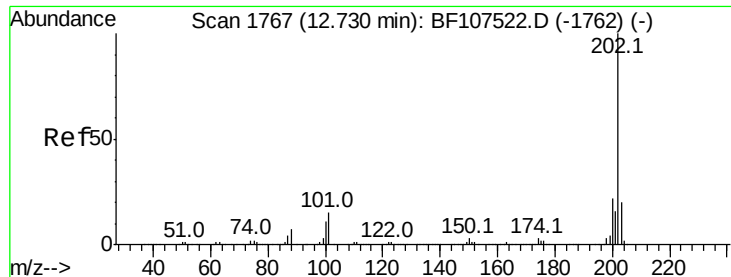
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.0	12.6	19.0



#72
 Carbazole
 Concen: 2.521 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF107678.D
 Acq: 26 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	13.7	10.9	16.3





#74

Fluoranthene

Concen: 51.450 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Instrument :

BNA_F

ClientSampleId :

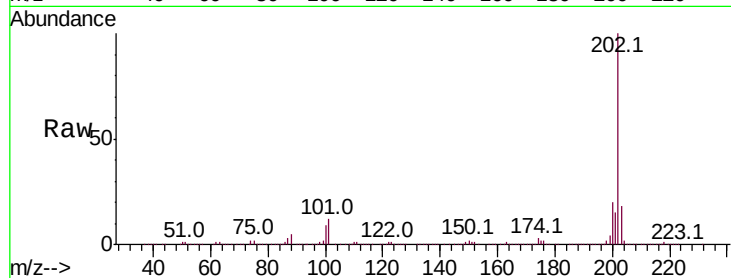
Tot Ion:202 Resp: 1267032

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

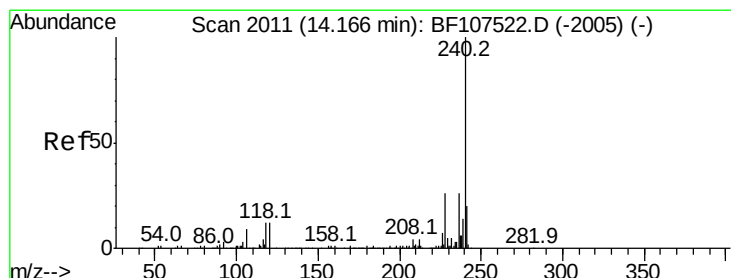
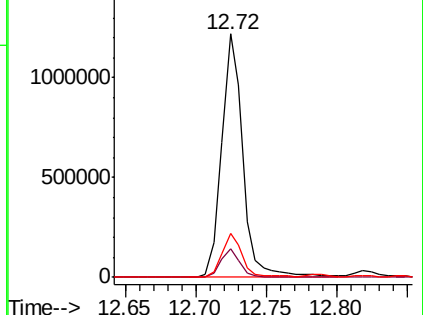
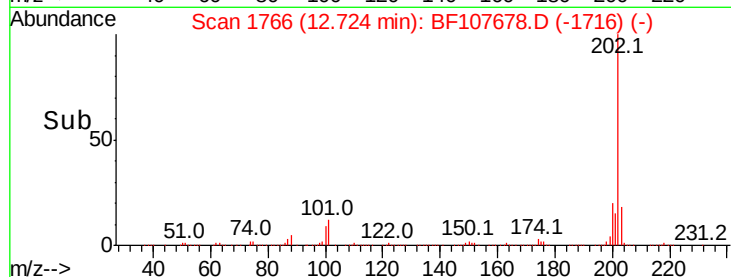
203 17.9 0.0 38.1



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: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

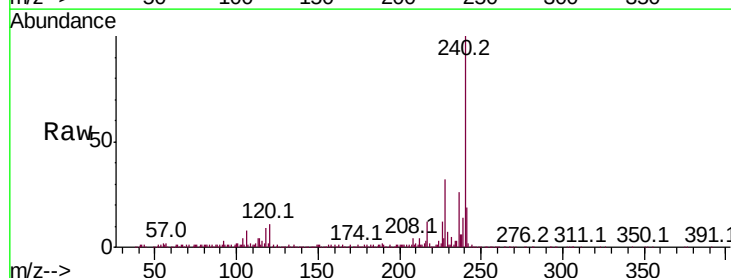
Tgt Ion:240 Resp: 373124

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

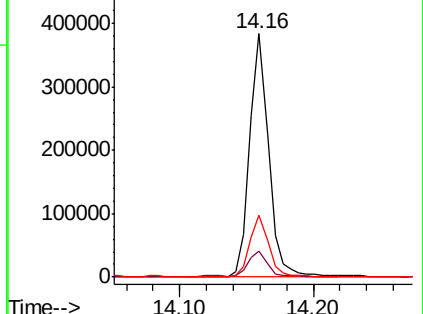
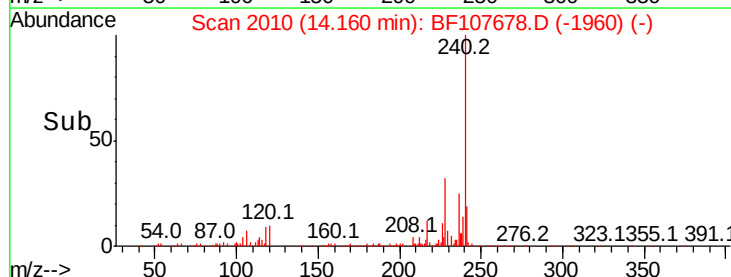
236 25.5 20.7 31.1

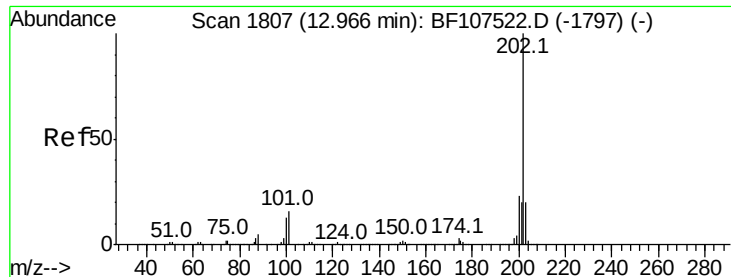


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

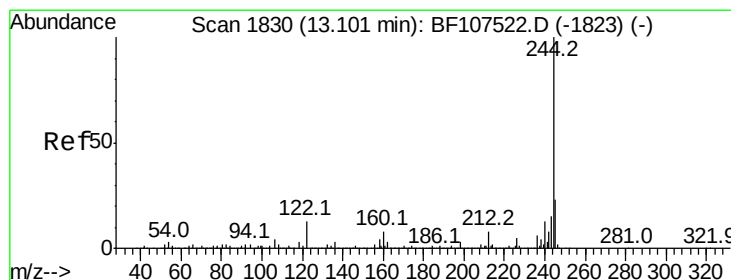
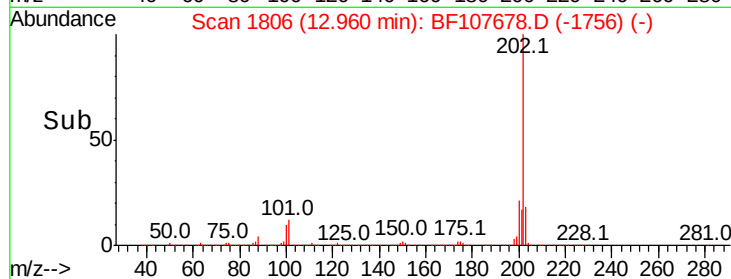
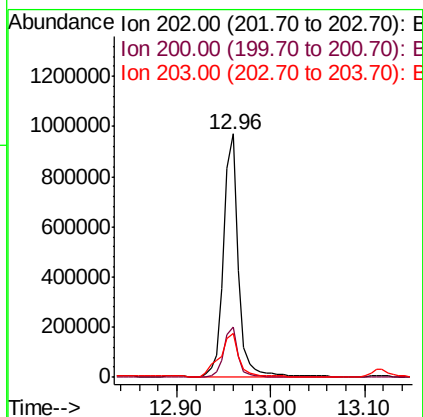
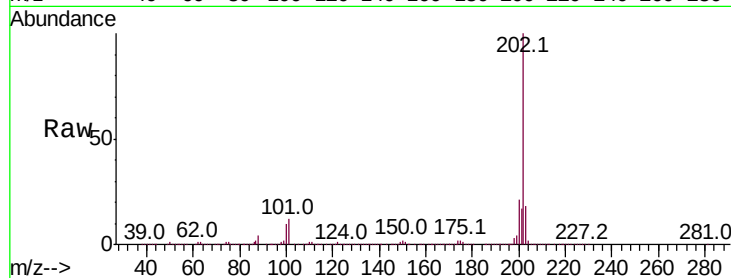




#77
Pvrene
Concen: 41.695 ng
RT: 12.96 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

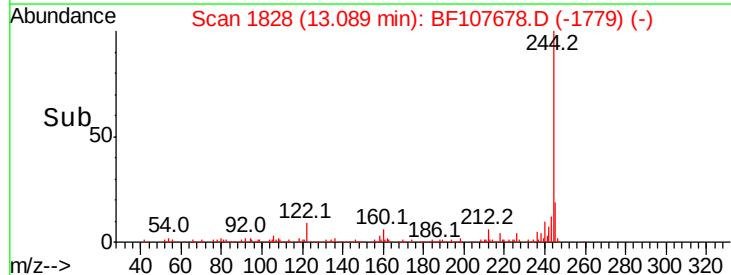
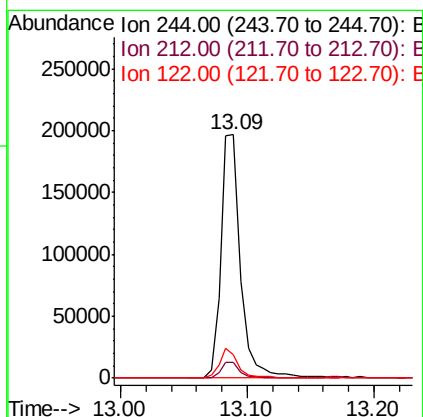
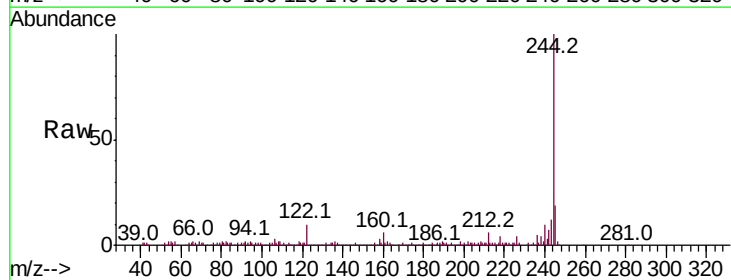
Instrument :
BNA_F
ClientSampleId :

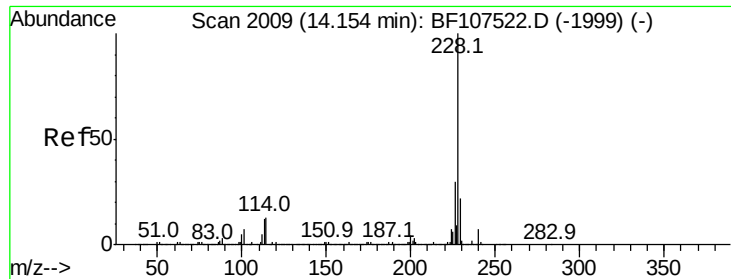
Tot Ion:202 Resp: 1064149
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 18.1 14.3 21.5



#78
Terphenyl-d14
Concen: 14.602 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Tgt Ion:244 Resp: 212826
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 9.5 11.0 16.4#

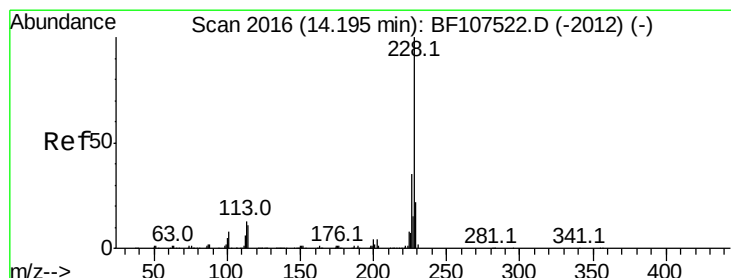
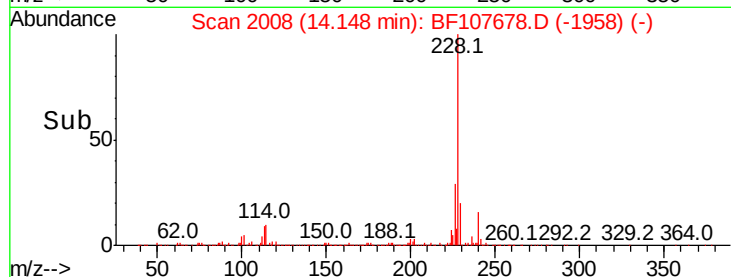
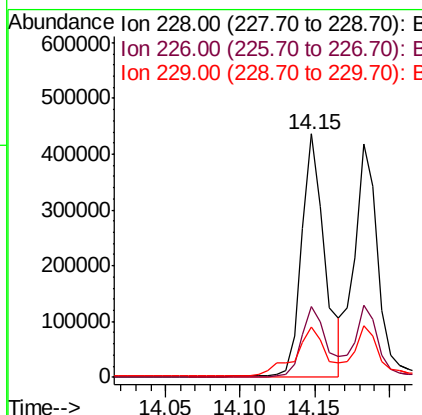
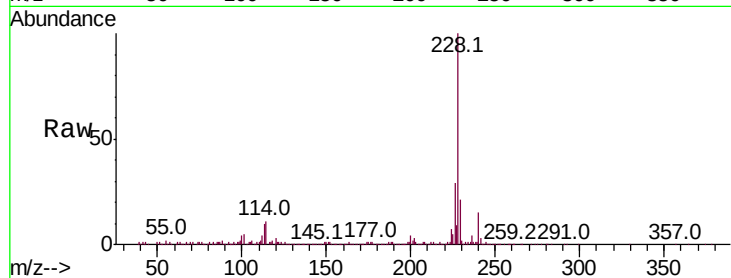




#80
Benzo(a)anthracene
Concen: 21.571 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

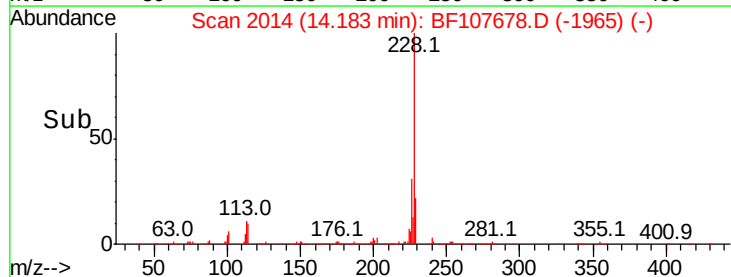
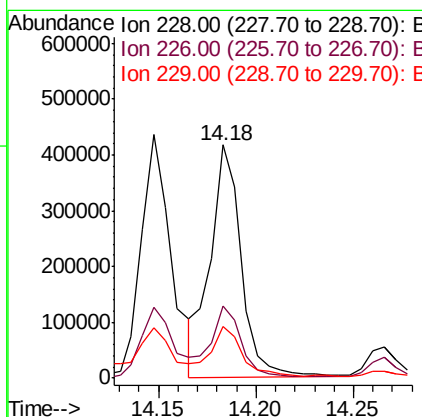
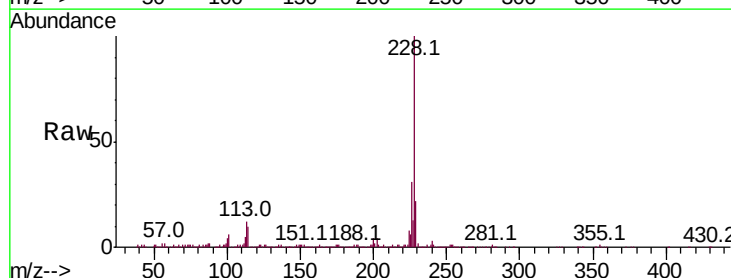
Instrument :
BNA_F
ClientSampled :

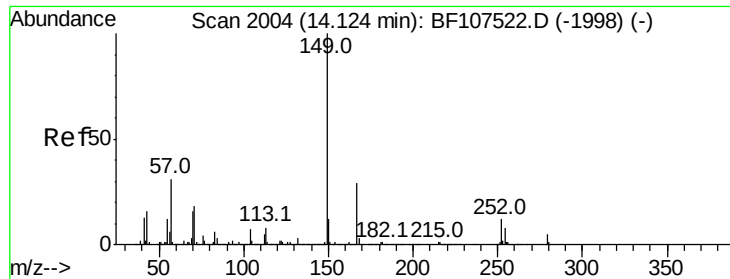
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.8	15.8	23.6



#82
Chrysene
Concen: 21.939 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	22.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.269 ng

RT: 14.11 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Instrument :

BNA_F

ClientSampleId :

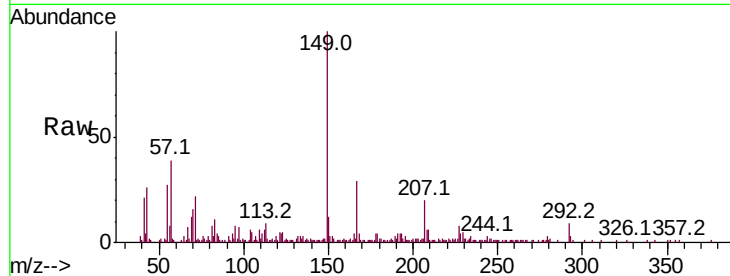
Tot Ion:149 Resp: 66116

Ion Ratio Lower Upper

149 100

167 28.6 21.3 31.9

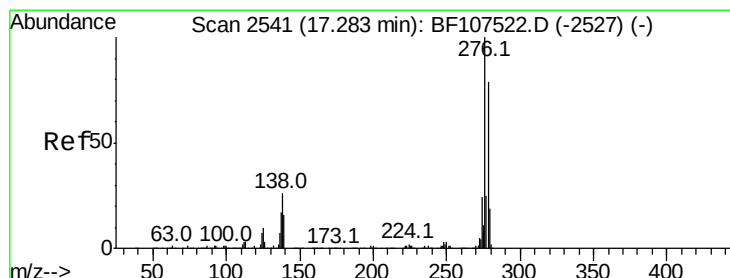
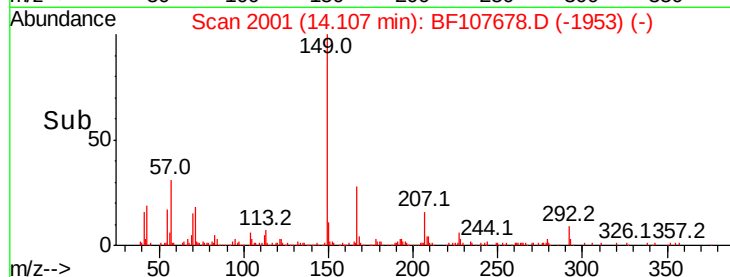
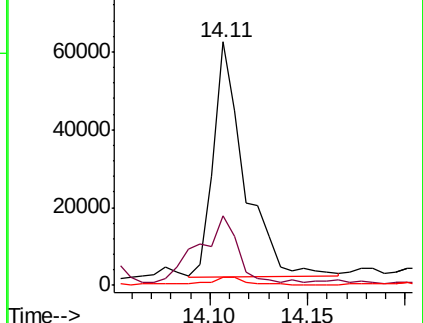
279 3.1 3.0 4.4



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: 10.547 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

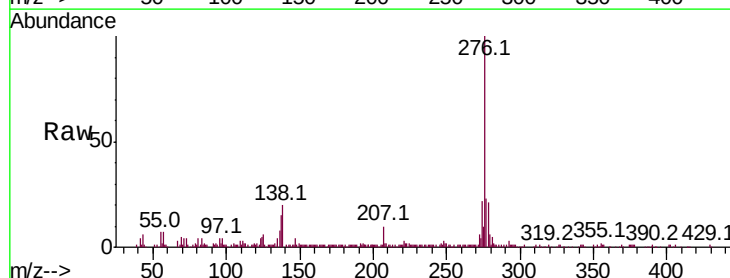
Tgt Ion:276 Resp: 187763

Ion Ratio Lower Upper

276 100

138 19.4 25.0 37.6#

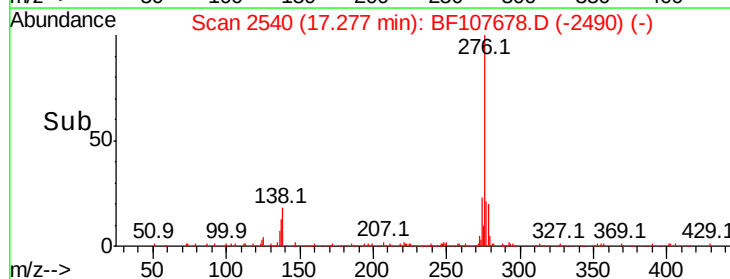
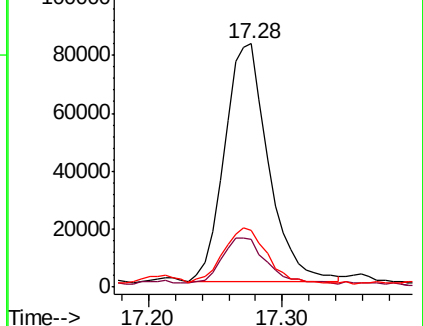
277 23.1 20.1 30.1

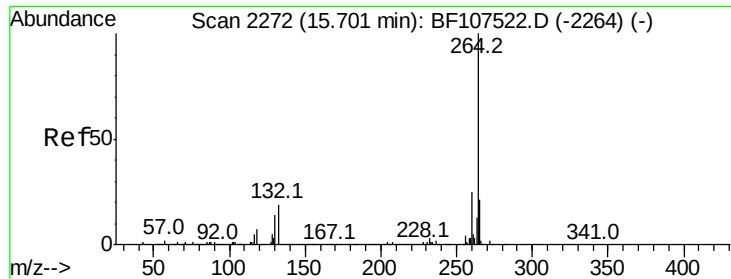


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

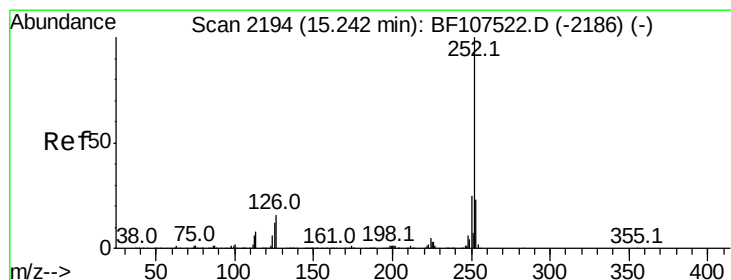
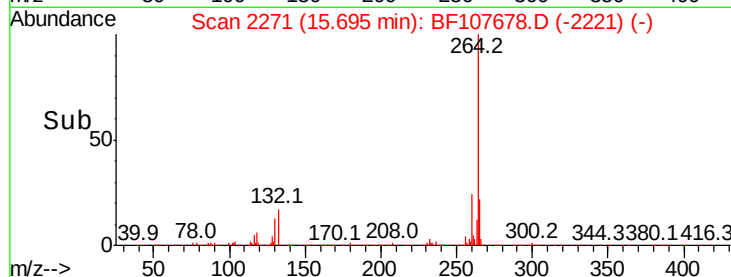
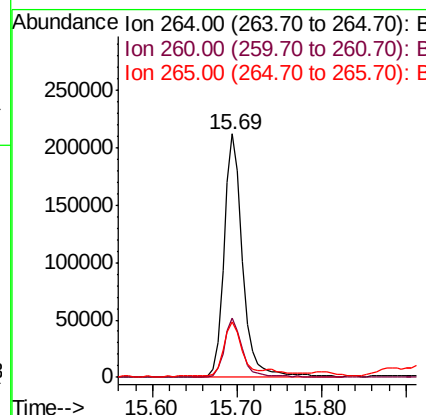
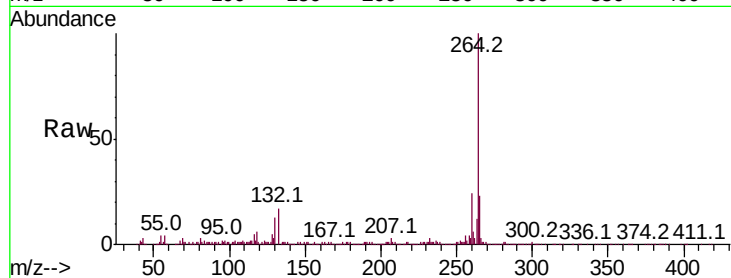




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

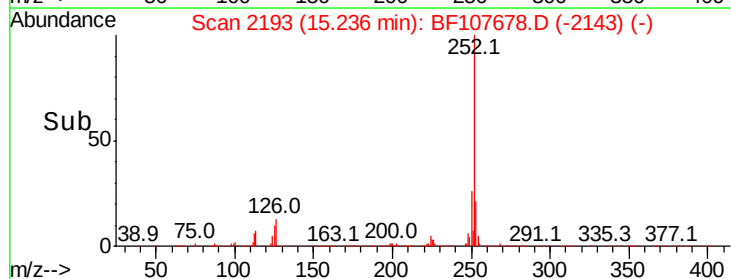
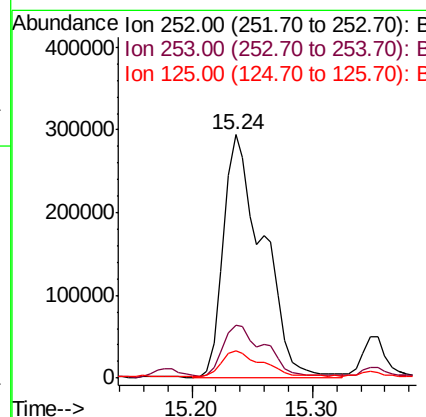
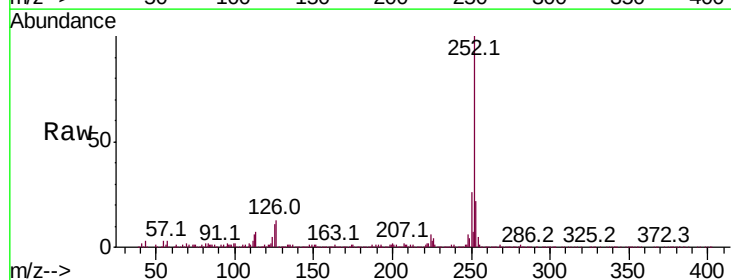
Instrument :
BNA_F
ClientSampleId :

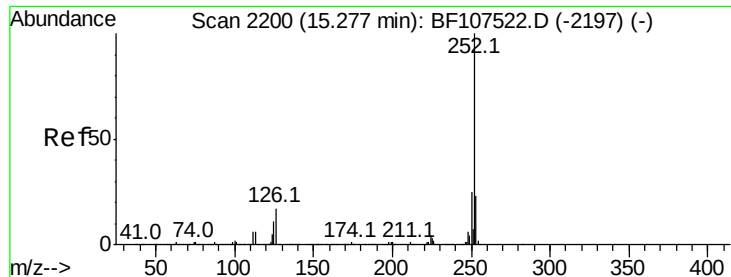
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.9	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 37.602 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.0	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 38.380 ng

RT: 15.24 min Scan# 2193

Delta R.T. -0.04 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Instrument :

BNA_F

ClientSampleId :

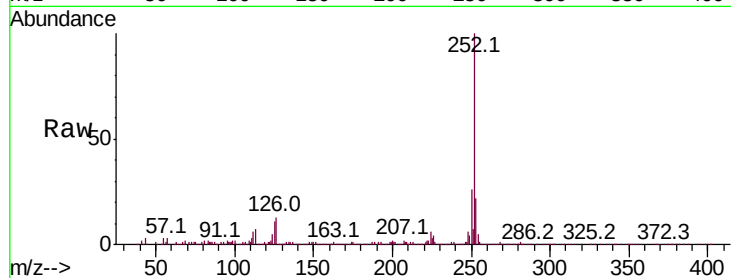
Tot Ion:252 Resp: 660923

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

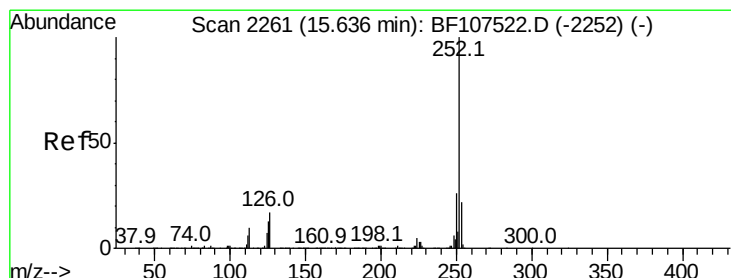
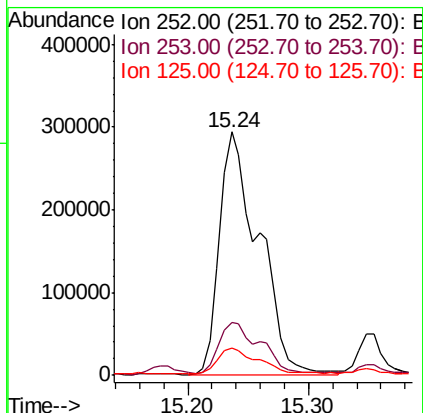
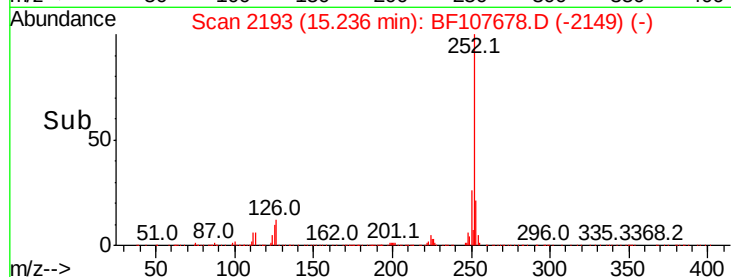
125 11.0 10.2 15.2



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: 20.135 ng

RT: 15.63 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

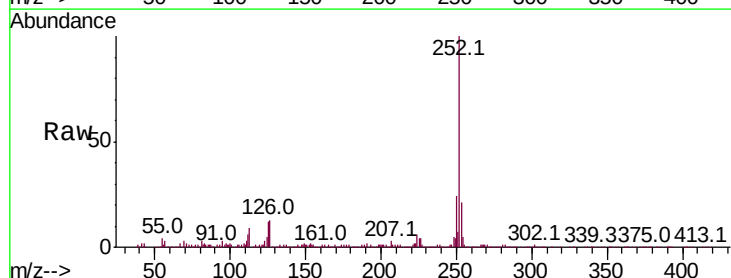
Tgt Ion:252 Resp: 323740

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

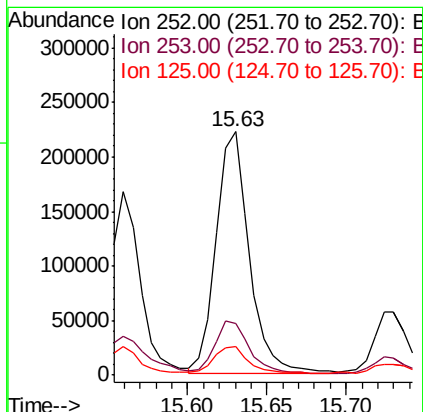
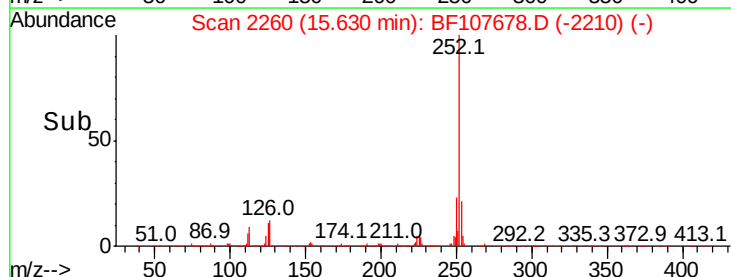
125 11.9 9.8 14.6

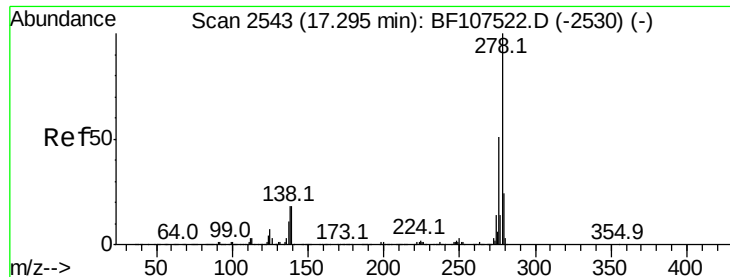


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 2.192 ng

RT: 17.47 min Scan# 2572

Delta R.T. 0.17 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Instrument :

BNA_F

ClientSampleId :

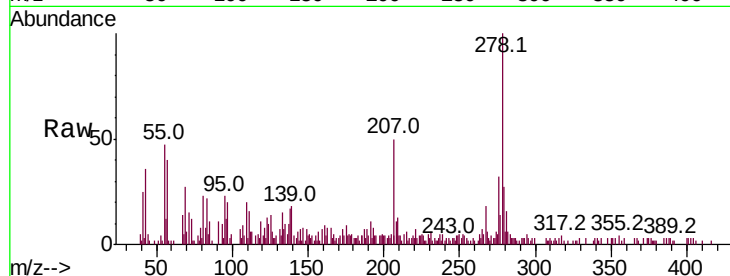
Tot Ion:278 Resp: 30465

Ion Ratio Lower Upper

278 100

139 17.9 15.9 23.9

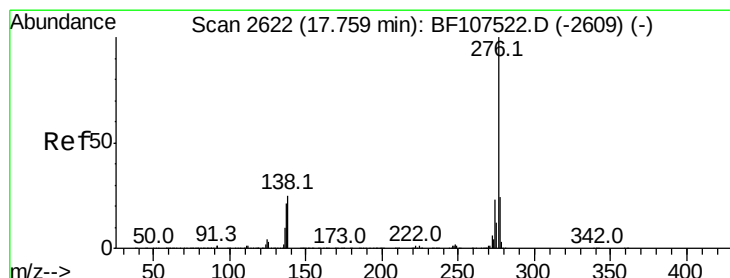
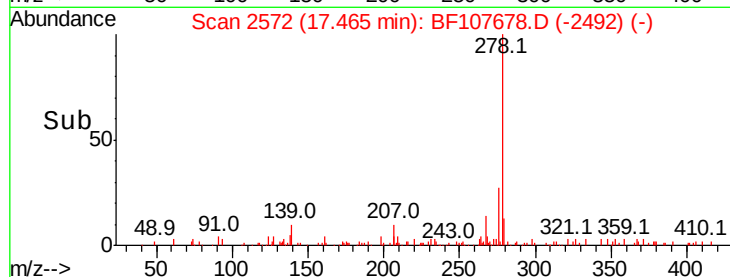
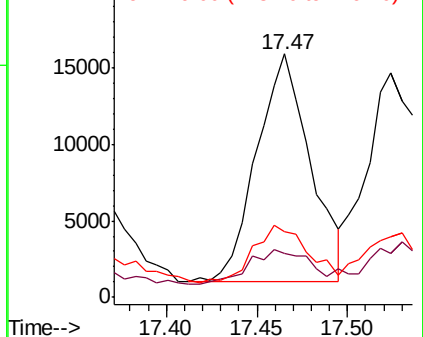
279 27.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 13.529 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

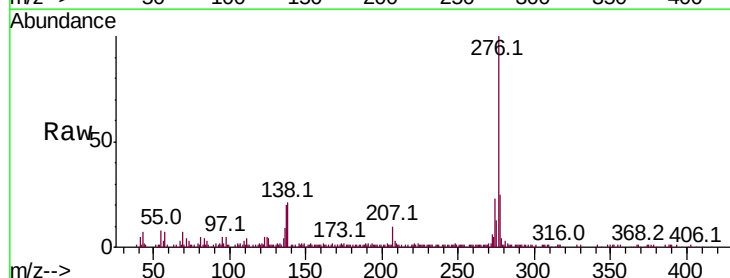
Tgt Ion:276 Resp: 185471

Ion Ratio Lower Upper

276 100

277 24.9 17.9 26.9

138 21.3 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

