

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107713.D
 Acq On : 26 Jul 2018 21:21
 Operator : JU/SJ
 Sample : J4109-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(8-10)

Quant Time: Jul 27 01:14:35 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	190006	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	795509	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	359686	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	635563	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	425461	20.00	ng	-0.02
86) Perylene-d12	15.68	264	490301	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	922091	78.03	ng	-0.01
7) Phenol-d6	6.60	99	1290949	90.98	ng	-0.01
23) Nitrobenzene-d5	7.52	82	777159	65.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	340023	83.13	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1082573	44.54	ng	-0.02
78) Terphenyl-d14	13.08	244	922256	55.49	ng	-0.02

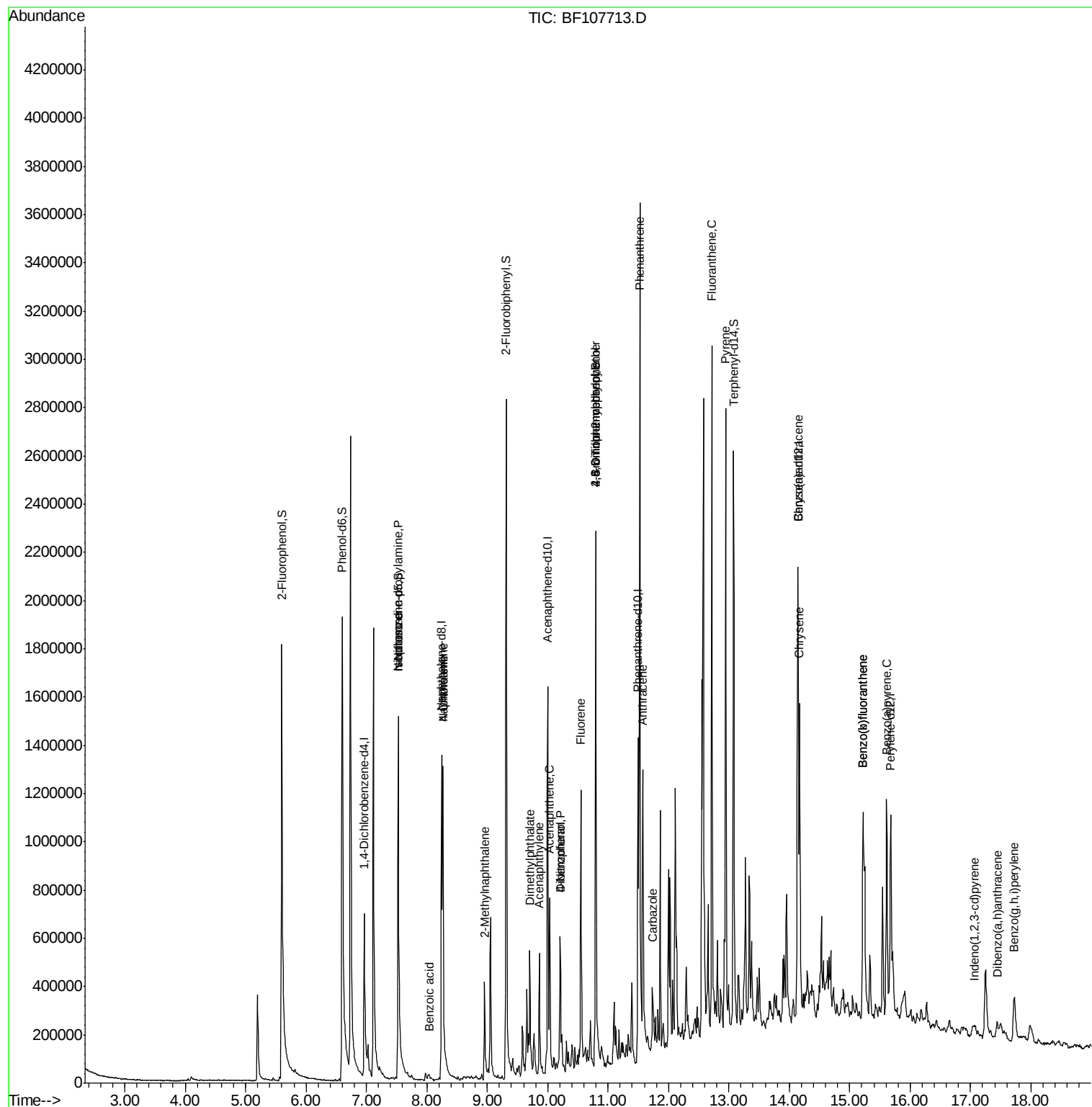
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	94611	10.321	ng	# 77
25) Isophorone	7.52	82	777846	30.906	ng	# 64
31) Naphthalene	8.27	128	756375	21.622	ng	100
32) Benzoic acid	8.05	122	2333	8.158	ng	# 64
33) 4-Chloroaniline	8.27	127	97185	6.356	ng	# 35
37) 2-Methylnaphthalene	8.95	142	160077	6.604	ng	99
48) Acenaphthylene	9.86	152	252228	7.011	ng	98
49) Dimethylphthalate	9.71	163	226912	8.371	ng	99
51) Acenaphthene	10.03	154	169382	7.514	ng	98
54) Dibenzofuran	10.21	168	298042	8.981	ng	100
55) 4-Nitrophenol	10.21	139	110695	22.581	ng	# 10
57) Fluorene	10.55	166	484602	20.468	ng	95
64) 4,6-Dinitro-2-methylphenol	10.80	198	681	8.863	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20502	2.740	ng	# 1
70) Phenanthrene	11.52	178	1549860	50.042	ng	99
71) Anthracene	11.57	178	666168	21.363	ng	99
72) Carbazole	11.74	167	168826	5.206	ng	99
73) Di-n-butylphthalate	12.04	149	4604	Below Cal		# 10
74) Fluoranthene	12.72	202	1367030	41.133	ng	97
77) Pyrene	12.95	202	1187690	40.811	ng	98
80) Benzo(a)anthracene	14.14	228	645184	25.877	ng	93
81) 3,3'-Dichlorobenzidine	14.09	252	293	Below Cal		# 1
82) Chrysene	14.17	228	556371	23.230	ng	97
85) Indeno(1,2,3-cd)pyrene	17.08	276	45308	2.232	ng	93
87) Benzo(b)fluoranthene	15.22	252	886567	33.039	ng	98
88) Benzo(k)fluoranthene	15.22	252	886567	33.723	ng	98
89) Benzo(a)pyrene	15.61	252	545110	22.208	ng	96
90) Dibenzo(a,h)anthracene	17.44	278	54607	2.574	ng	94
91) Benzo(g,h,i)perylene	17.72	276	210239	10.045	ng	93

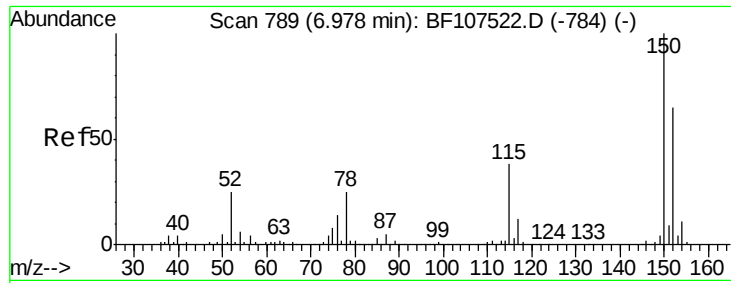
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107713.D
Acq On : 26 Jul 2018 21:21
Operator : JU/SJ
Sample : J4109-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(8-10)

Quant Time: Jul 27 01:14:35 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



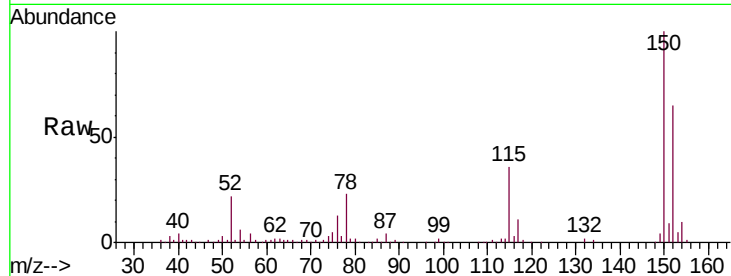


#1

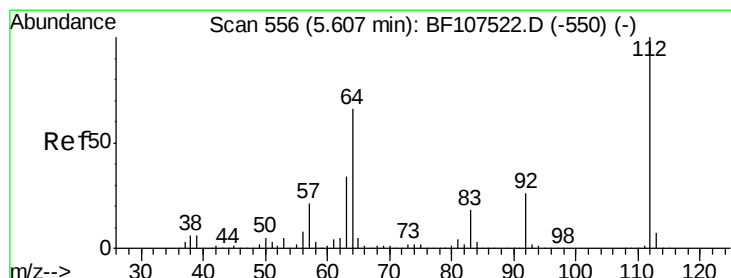
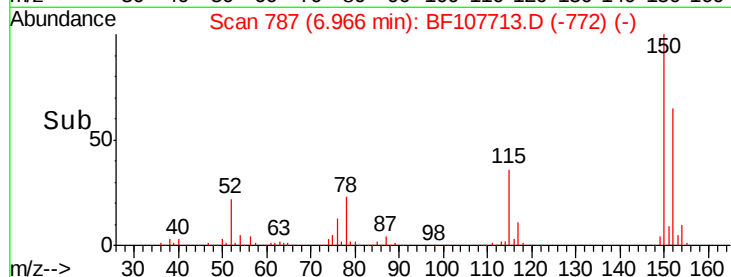
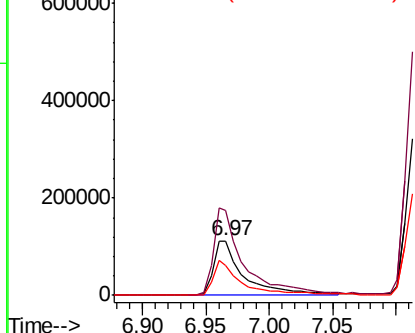
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

Instrument :
BNA_F
ClientSampleId :
SB-12(8-10)

Tgt Ion:152 Resp: 190006
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 55.5 50.1 75.1



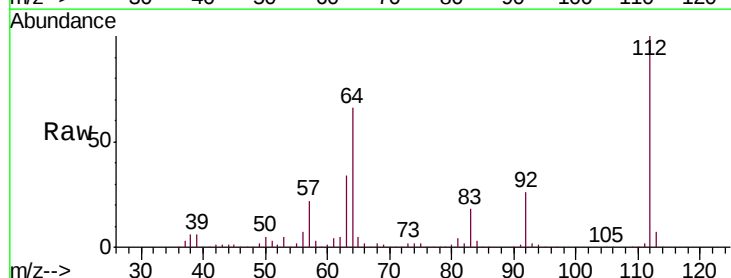
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



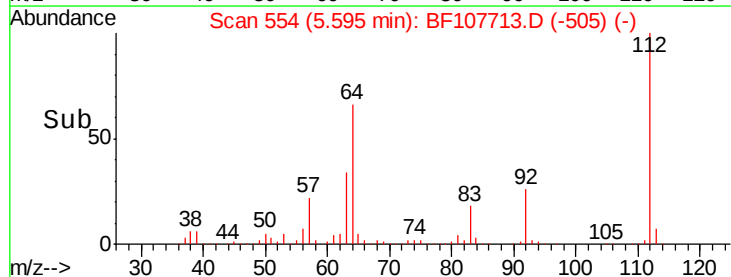
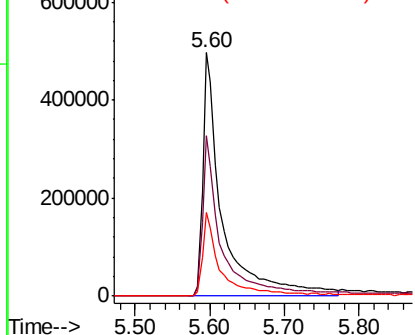
#5

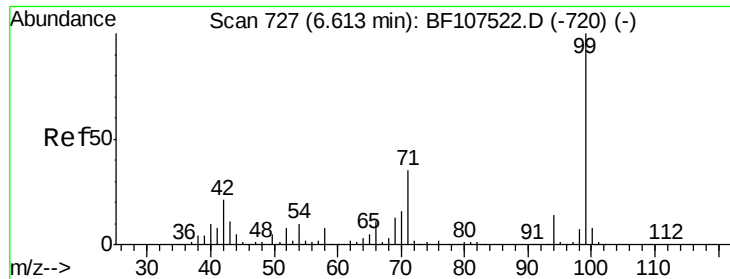
2-Fluorophenol
Concen: 78.026 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

Tgt Ion:112 Resp: 922091
Ion Ratio Lower Upper
112 100
64 65.8 47.9 71.9
63 34.1 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: 90.976 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107713.D

Acq: 26 Jul 2018 21:21

Instrument :

BNA_F

ClientSampleId :

SB-12(8-10)

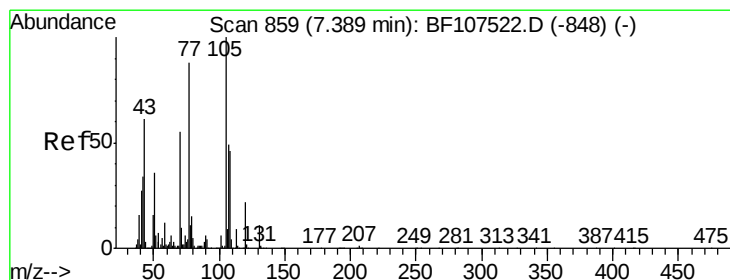
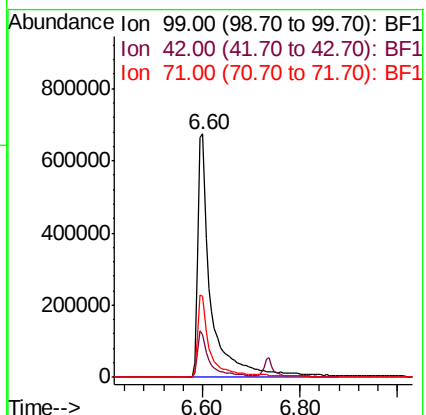
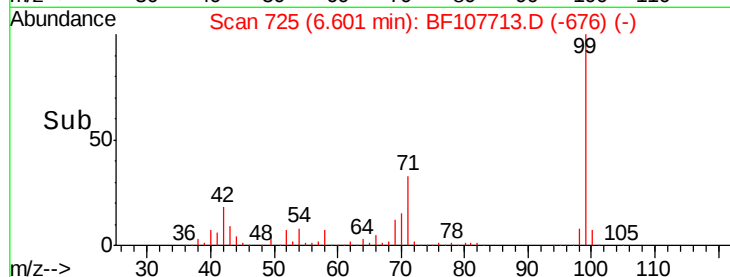
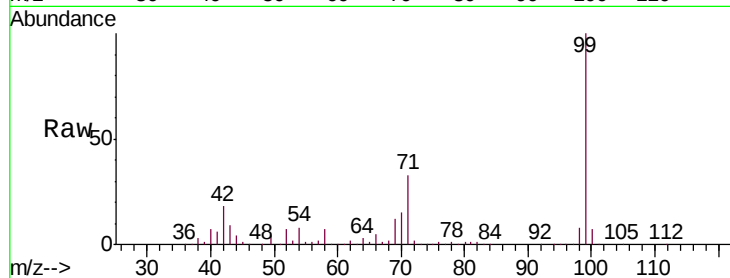
Tgt Ion: 99 Resp: 1290949

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

71 33.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.321 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF107713.D

Acq: 26 Jul 2018 21:21

Tgt Ion: 70 Resp: 94611

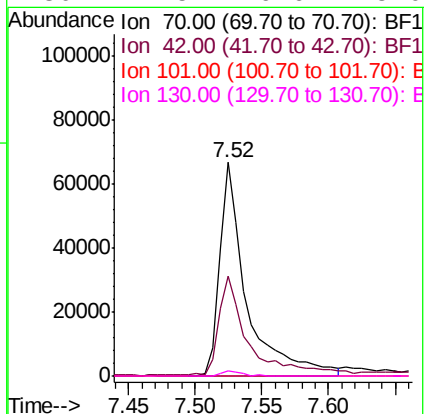
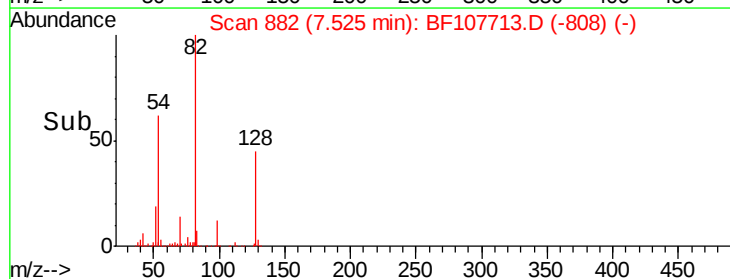
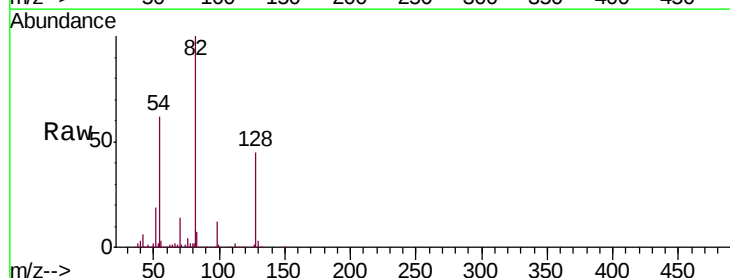
Ion Ratio Lower Upper

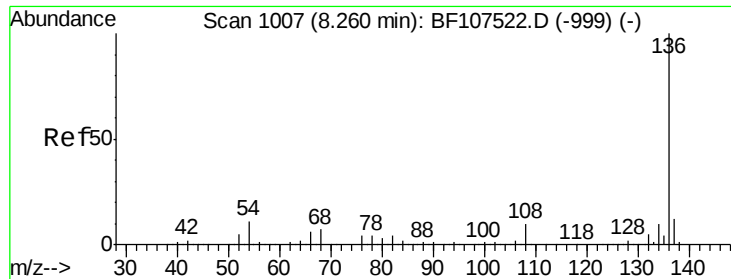
70 100

42 46.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

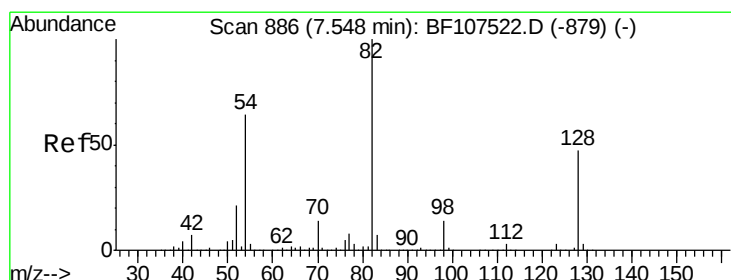
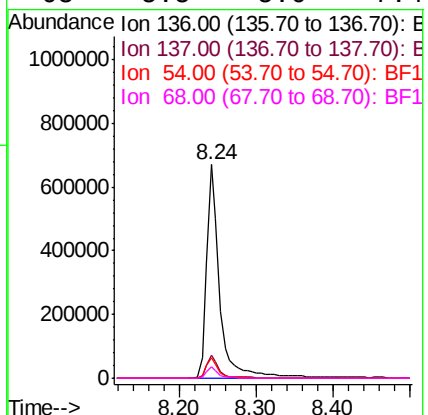
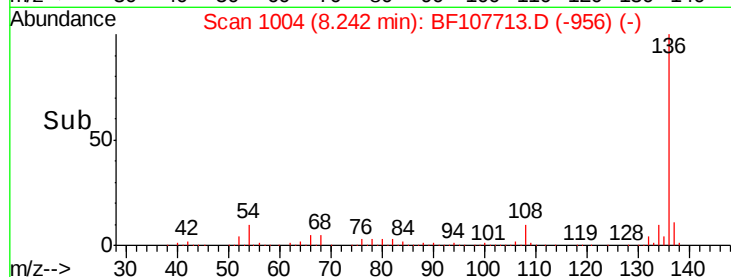
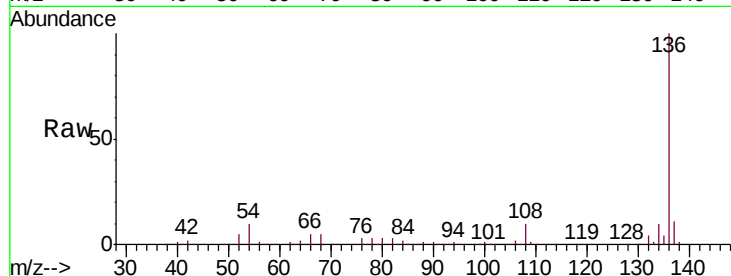




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

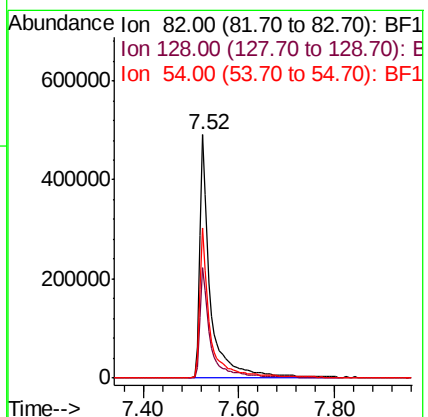
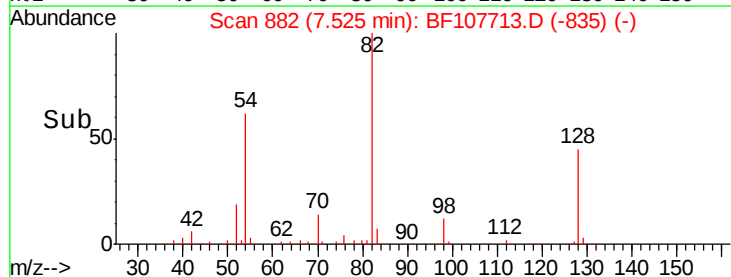
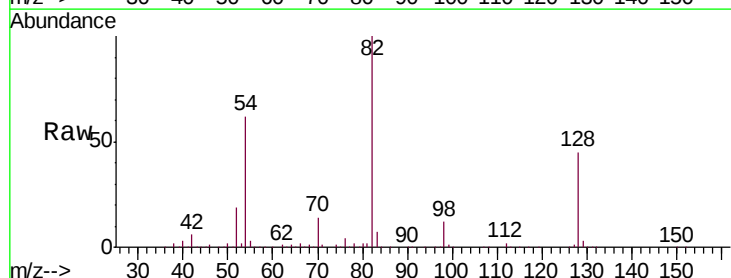
Instrument :
BNA_F
ClientSampleId :
SB-12(8-10)

Tgt Ion:	136	Resp:	795509
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.8	6.6	9.8
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 65.931 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

Tgt Ion:	82	Resp:	777159
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	61.7	41.4	62.2





#25

Isophorone

Concen: 30.906 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.27 min

Lab File: BF107713.D

Acq: 26 Jul 2018 21:21

Instrument :

BNA_F

ClientSampleId :

SB-12(8-10)

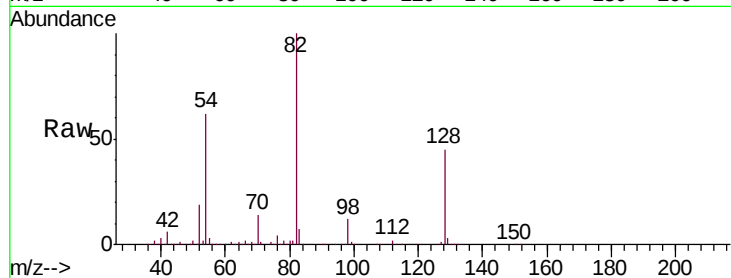
Tgt Ion: 82 Resp: 777846

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

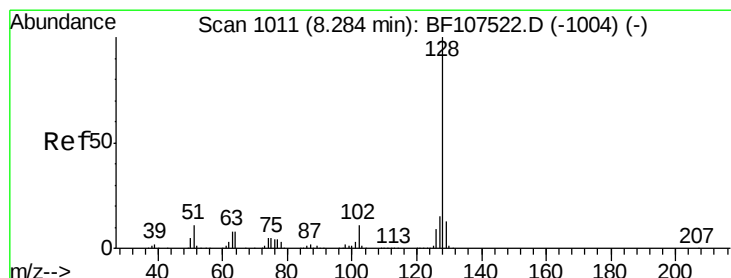
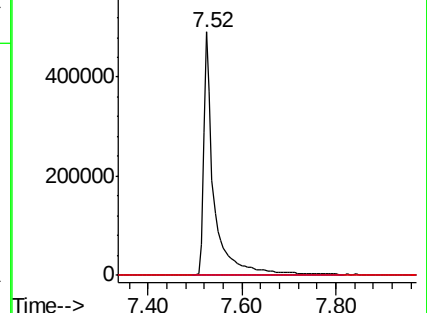
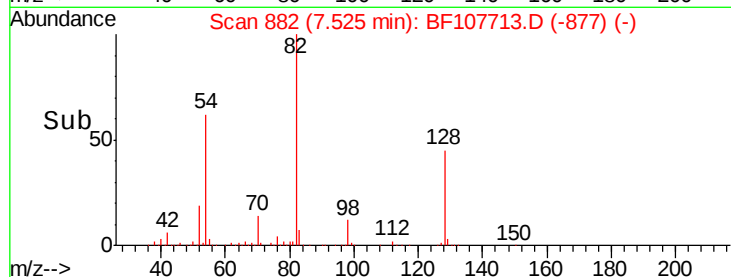
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 21.622 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF107713.D

Acq: 26 Jul 2018 21:21

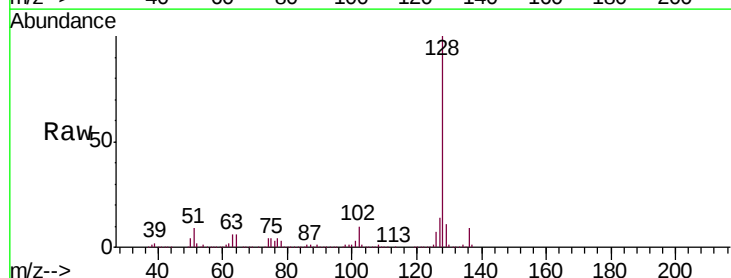
Tgt Ion: 128 Resp: 756375

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

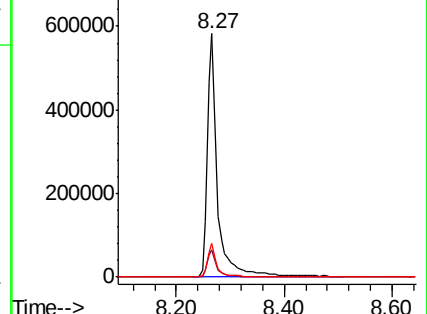
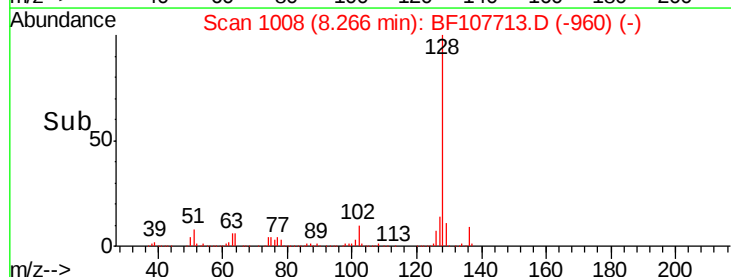
127 13.7 10.9 16.3

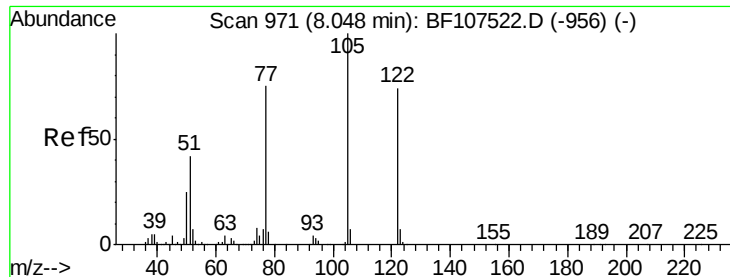


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 8.158 ng

RT: 8.05 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF107713.D

Acq: 26 Jul 2018 21:21

Instrument :

BNA_F

ClientSampleId :

SB-12(8-10)

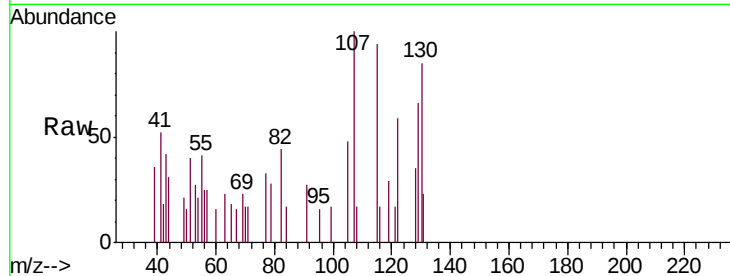
Tgt Ion:122 Resp: 2333

Ion Ratio Lower Upper

122 100

105 81.4 101.1 141.1#

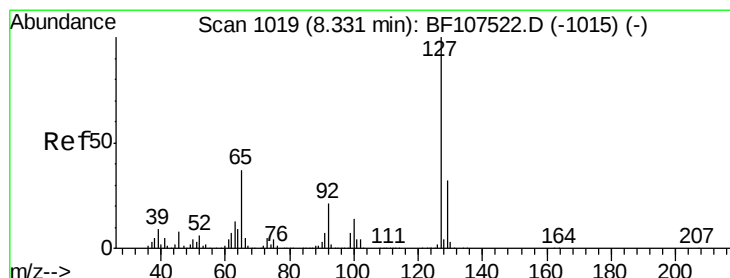
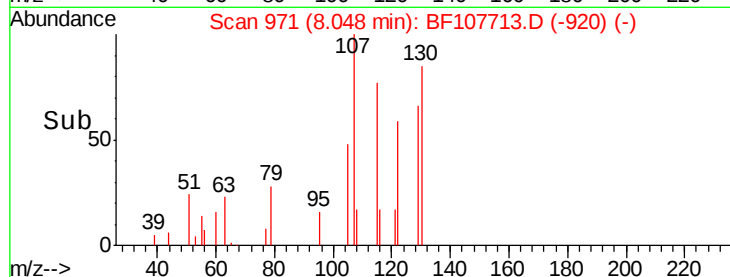
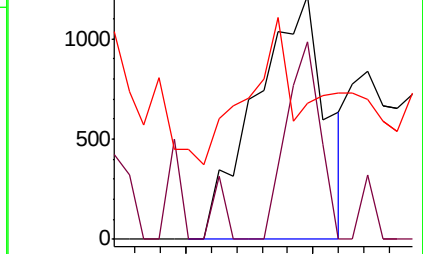
77 56.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 6.356 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.06 min

Lab File: BF107713.D

Acq: 26 Jul 2018 21:21

Tgt Ion:127 Resp: 97185

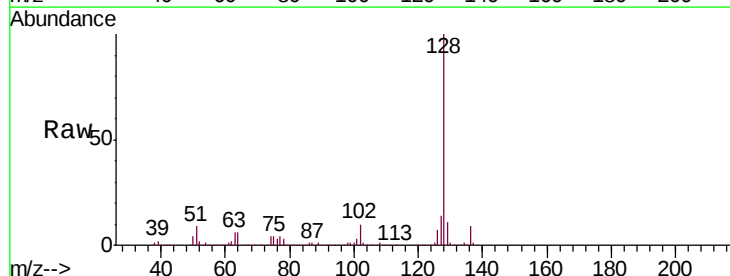
Ion Ratio Lower Upper

127 100

129 81.5 25.9 38.9#

65 0.0 25.0 37.4#

92 0.4 15.2 22.8#

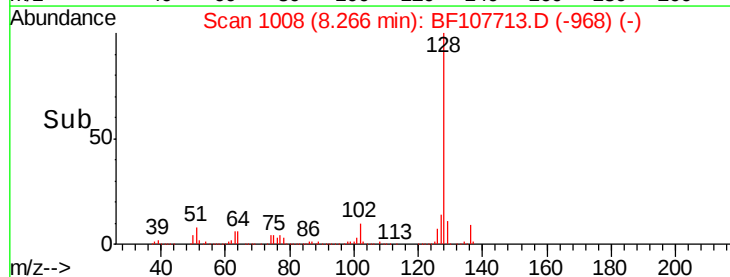
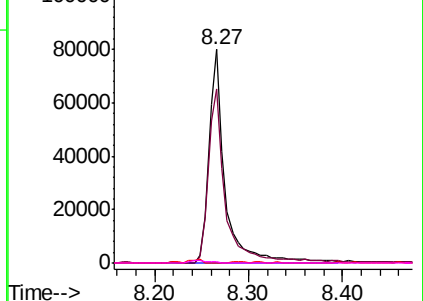


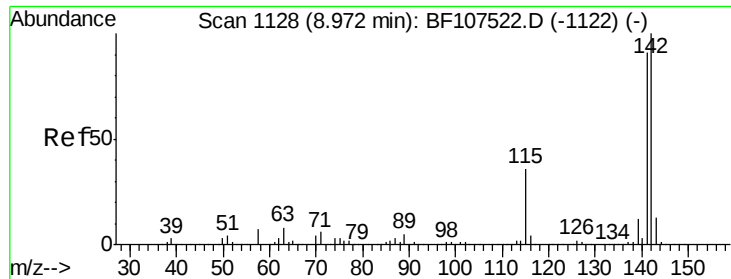
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

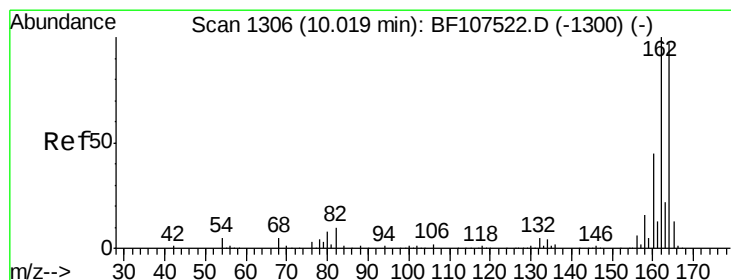
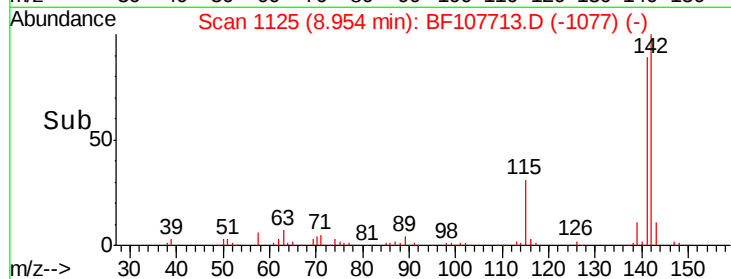
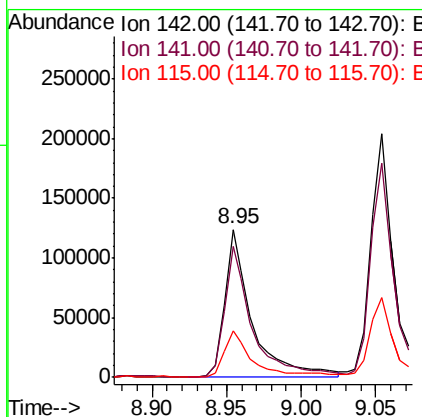
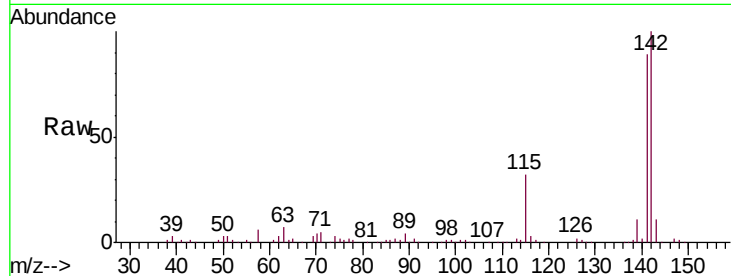




#37
 2-Methylnaphthalene
 Concen: 6.604 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. -0.02 min
 Lab File: BF107713.D
 Acq: 26 Jul 2018 21:21

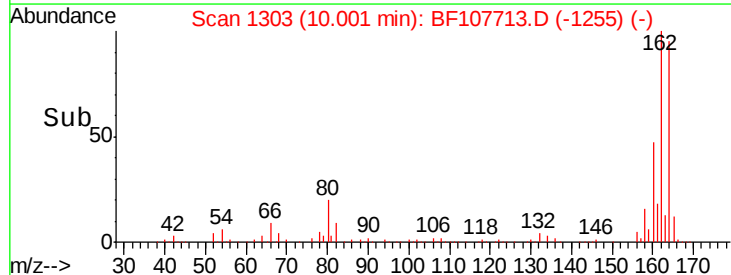
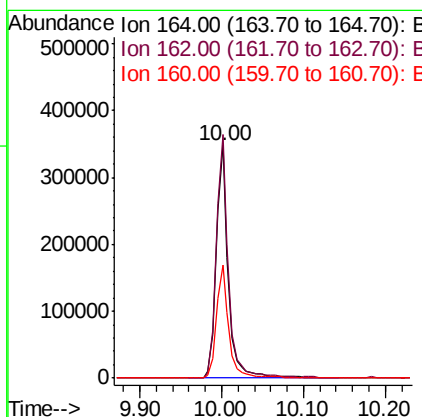
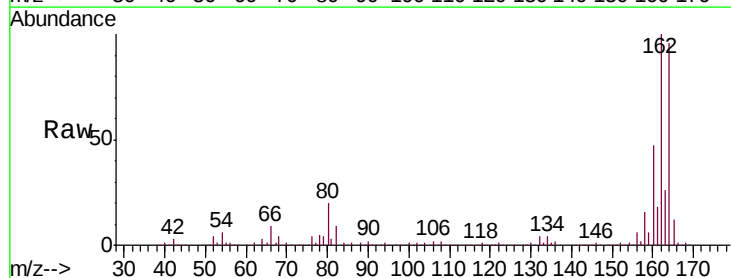
Instrument :
 BNA_F
 ClientSampled :
 SB-12(8-10)

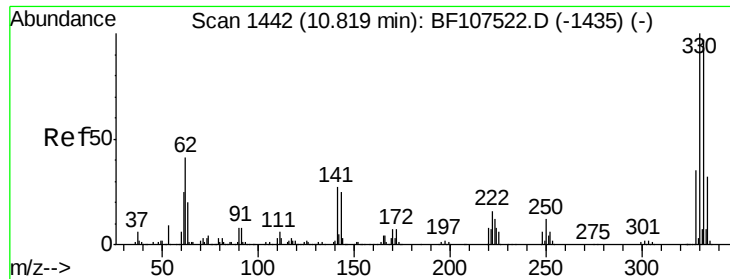
Tgt Ion:142 Resp: 160077
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.8 106.2
 115 31.8 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107713.D
 Acq: 26 Jul 2018 21:21

Tgt Ion:164 Resp: 359686
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 48.6 38.3 57.5

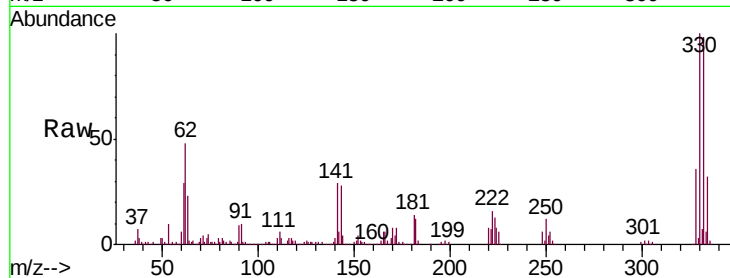




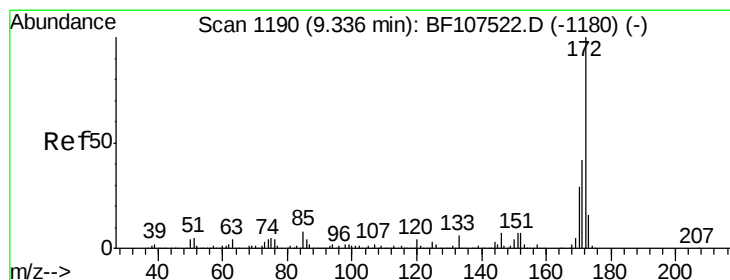
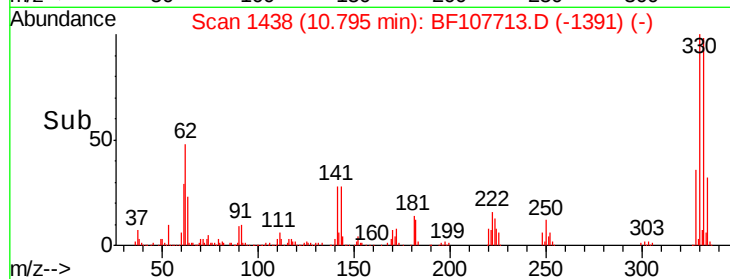
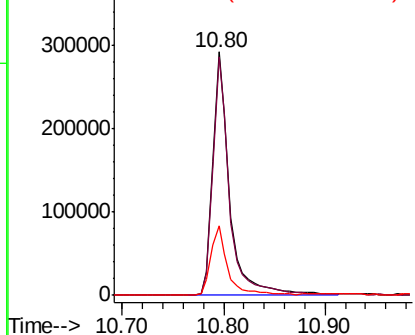
#41
 2,4,6-Tribromophenol
 Concen: 83.131 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107713.D
 Acq: 26 Jul 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(8-10)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	28.1	29.9	44.9#

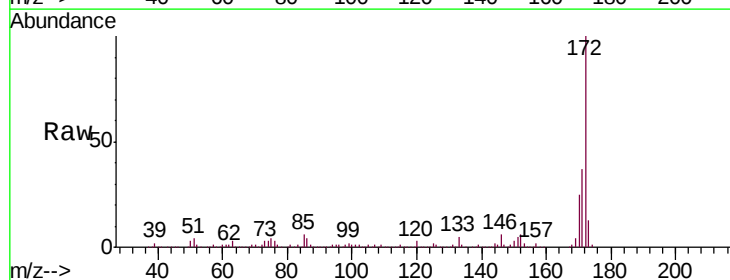


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

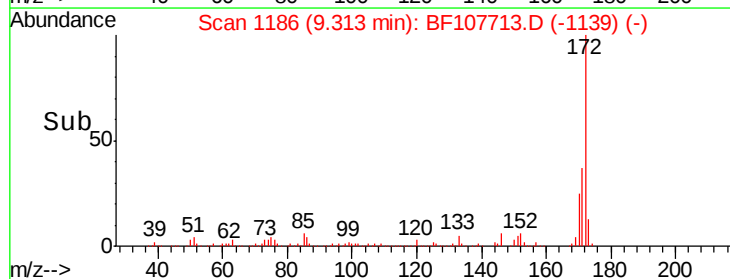
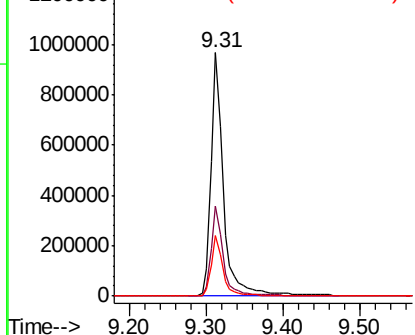


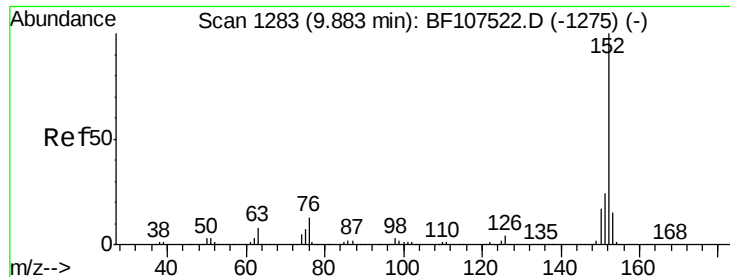
#44
 2-Fluorobiphenyl
 Concen: 44.542 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107713.D
 Acq: 26 Jul 2018 21:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	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

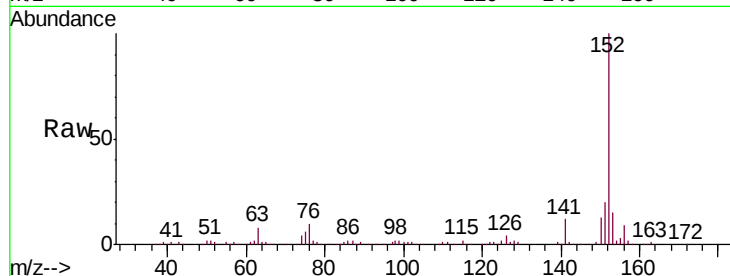




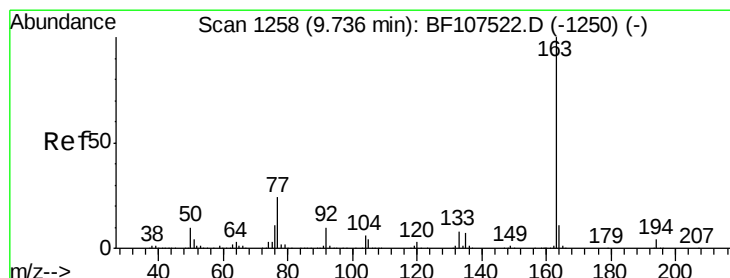
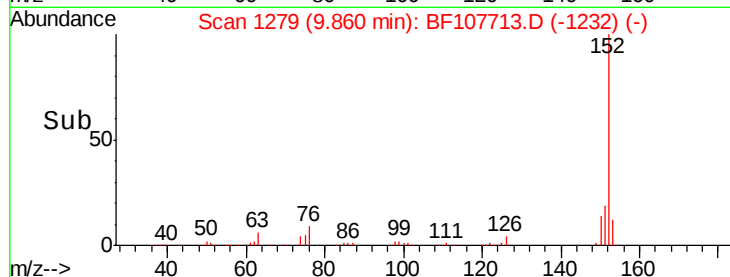
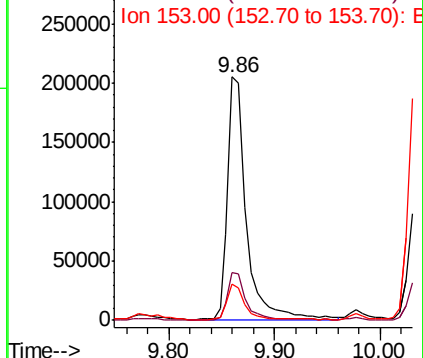
#48
Acenaphthylene
Concen: 7.011 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

Instrument :
BNA_F
ClientSampled :
SB-12(8-10)

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	15.0	10.7	16.1

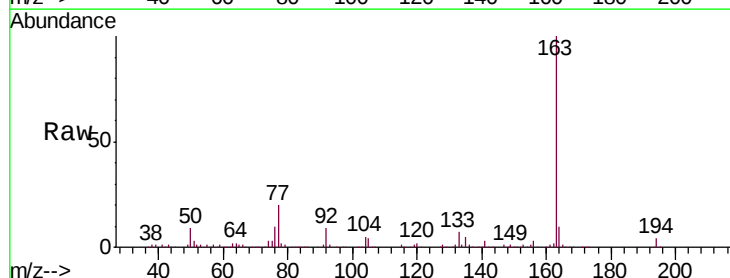


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

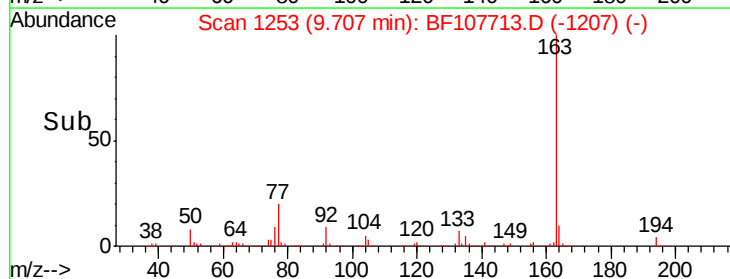
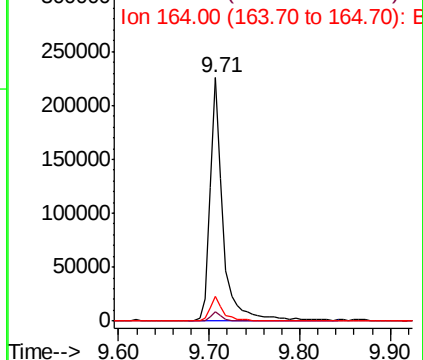


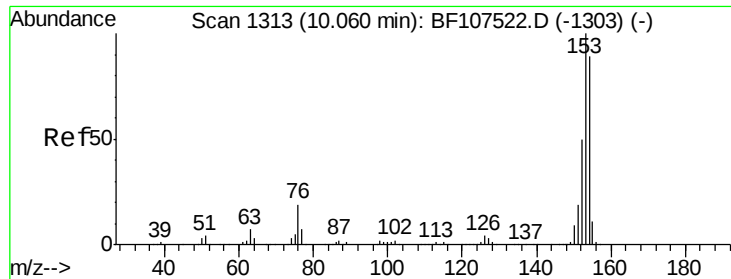
#49
Dimethylphthalate
Concen: 8.371 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.9	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





#51

Acenaphthene

Concen: 7.514 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF107713.D

Acq: 26 Jul 2018 21:21

Instrument :

BNA_F

ClientSampleId :

SB-12(8-10)

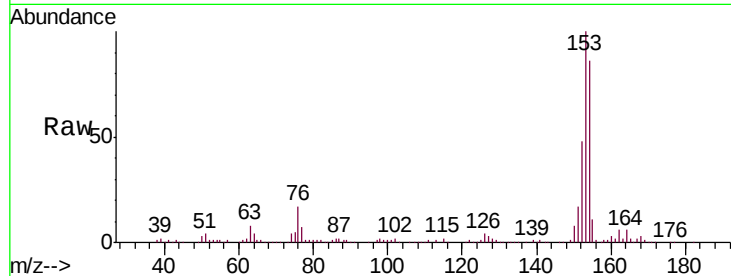
Tgt Ion:154 Resp: 169382

Ion Ratio Lower Upper

154 100

153 116.3 91.2 136.8

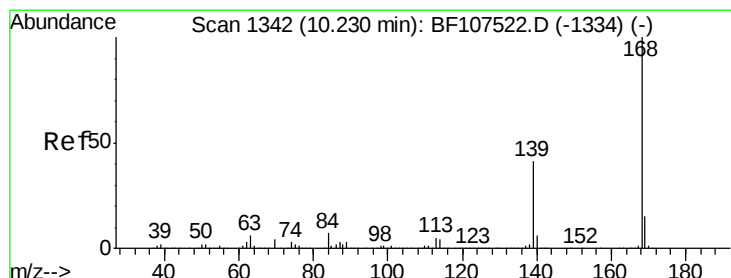
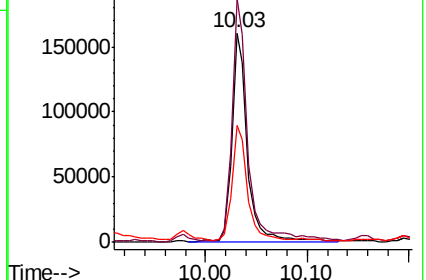
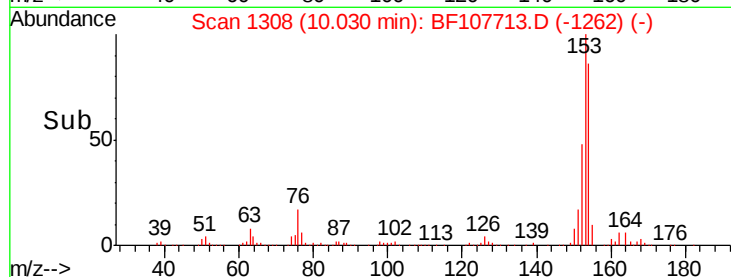
152 55.7 43.8 65.8



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: 8.981 ng

RT: 10.21 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF107713.D

Acq: 26 Jul 2018 21:21

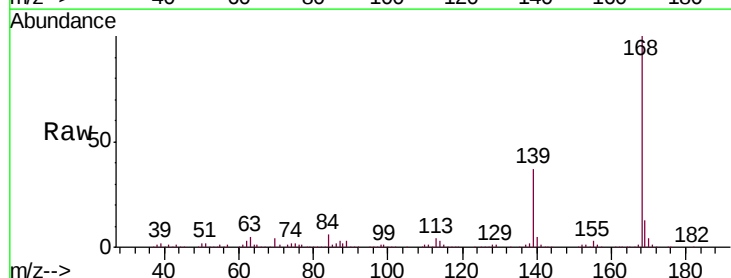
Tgt Ion:168 Resp: 298042

Ion Ratio Lower Upper

168 100

139 37.5 30.1 45.1

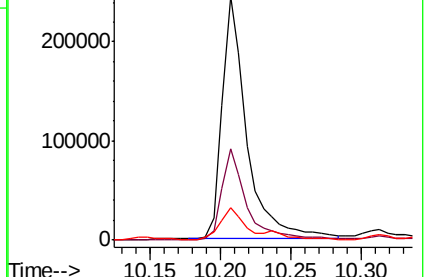
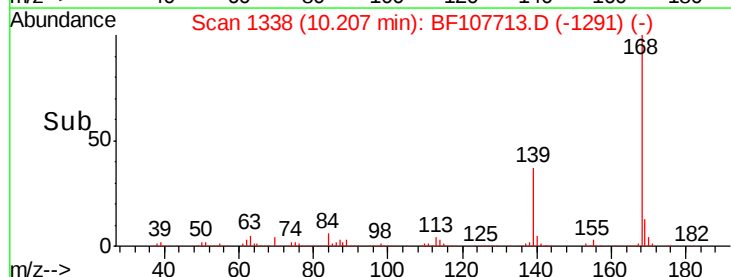
169 13.4 10.9 16.3

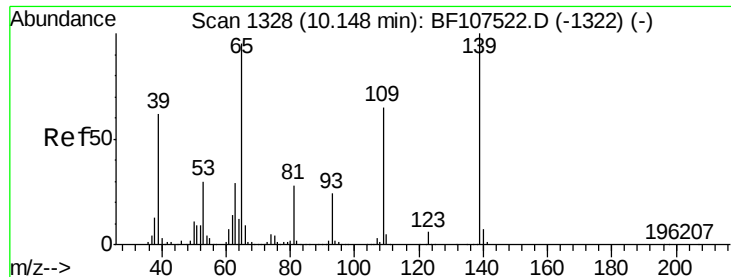


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

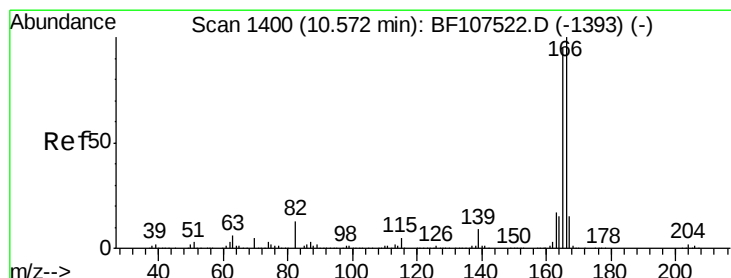
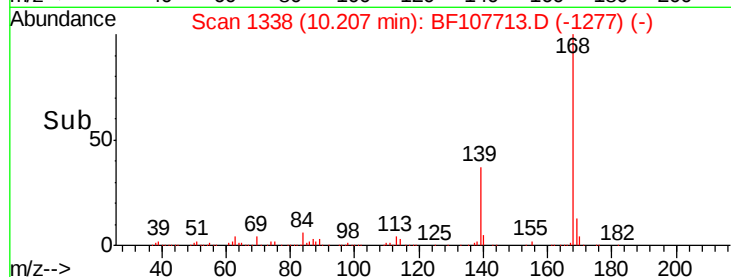
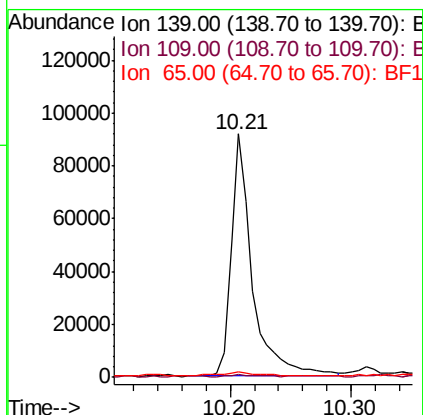
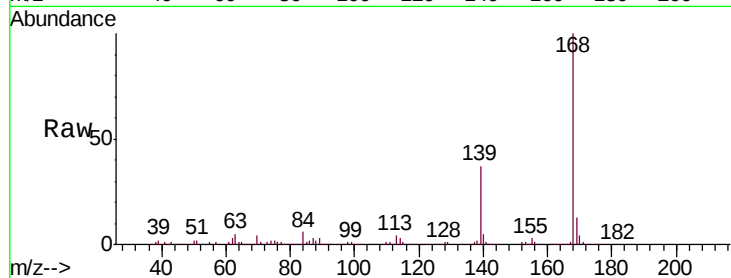




#55
4-Nitrophenol
Concen: 22.581 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

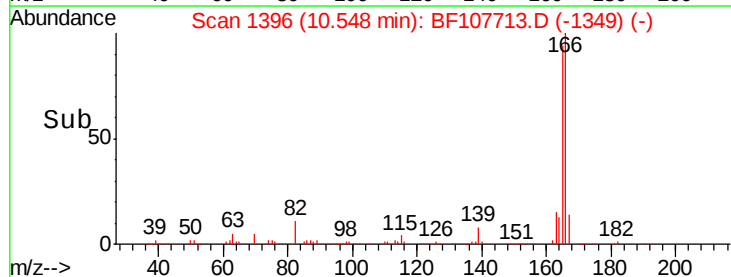
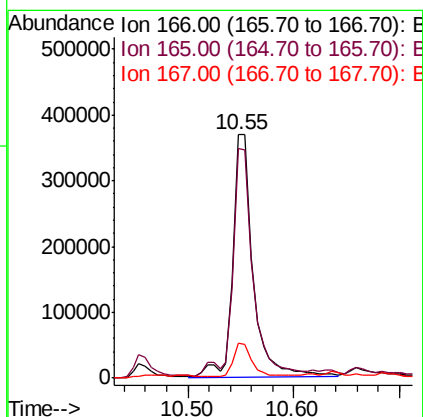
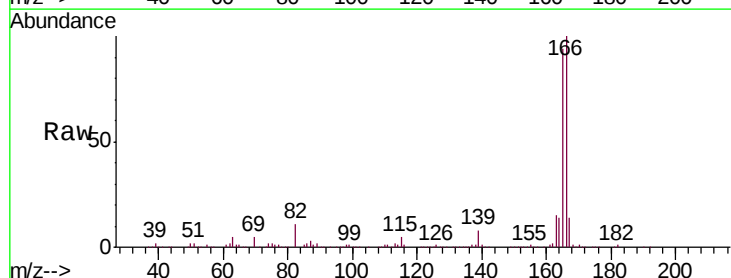
Instrument :
BNA_F
ClientSampleId :
SB-12(8-10)

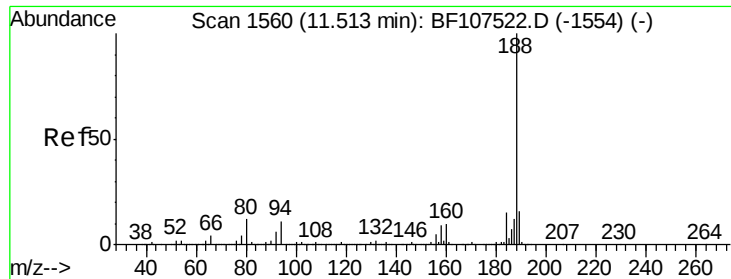
Tgt Ion	Ratio	Lower	Upper
139	100		
109	1.0	48.4	88.4#
65	2.1	72.6	112.6#



#57
Fluorene
Concen: 20.468 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.4	79.8	119.8
167	14.5	10.6	16.0

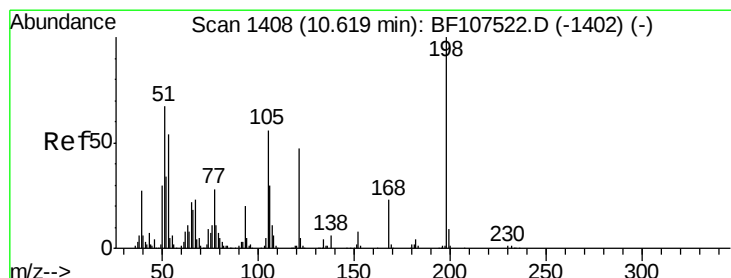
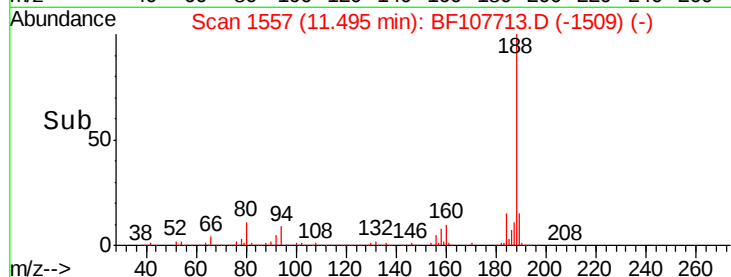
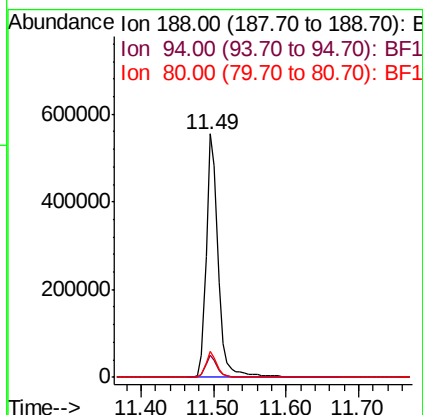
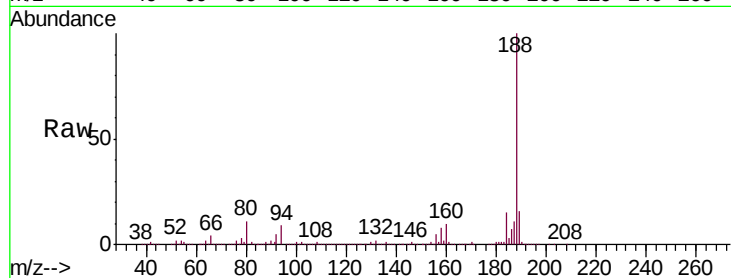




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

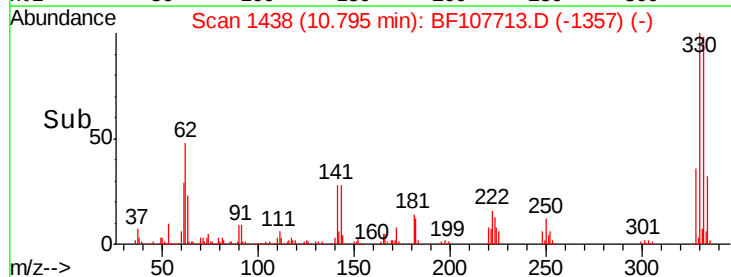
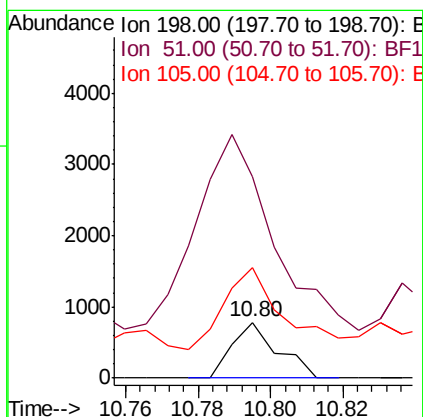
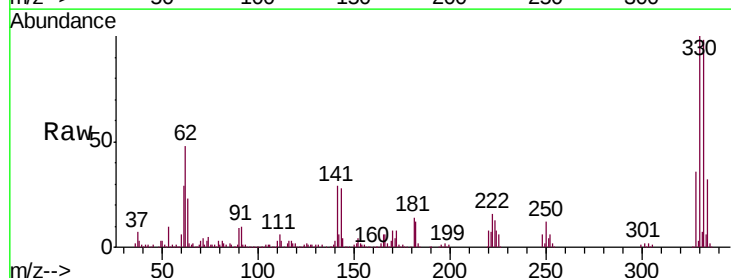
Instrument :
BNA_F
ClientSampleId :
SB-12(8-10)

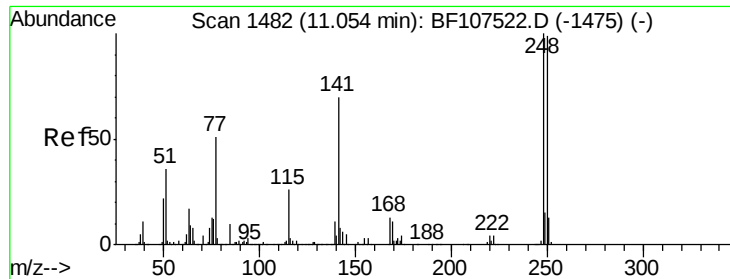
Tgt Ion:188 Resp: 635563
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.863 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

Tgt Ion:198 Resp: 681
Ion Ratio Lower Upper
198 100
51 363.3 37.7 77.7#
105 199.5 36.3 76.3#

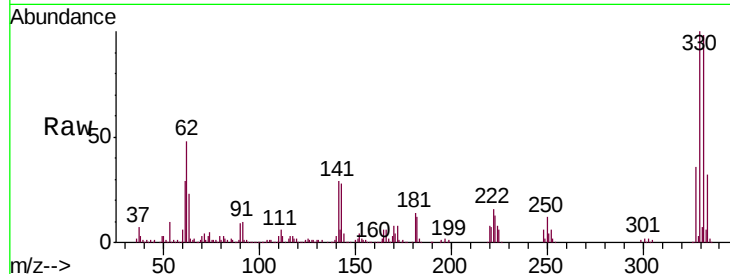




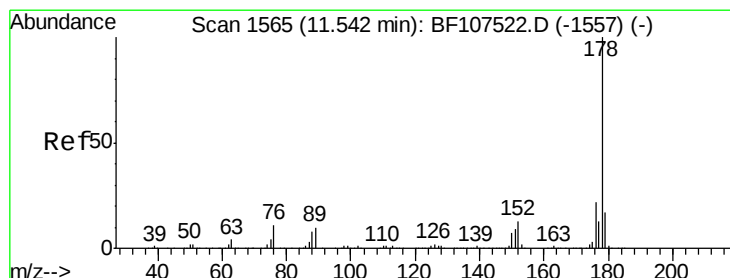
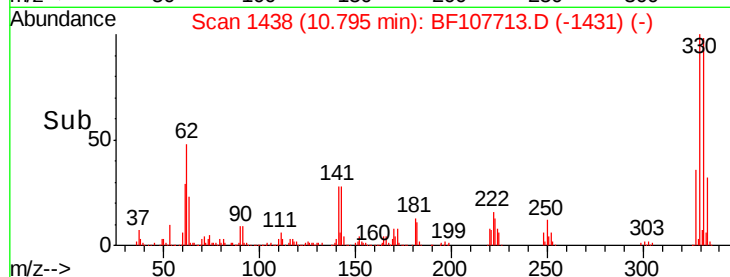
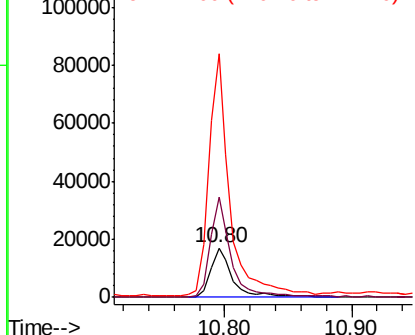
#66
4-Bromophenyl-phenylether
Concen: 2.740 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

Instrument :
BNA_F
ClientSampled :
SB-12(8-10)

Tgt Ion:248 Resp: 20502
Ion Ratio Lower Upper
248 100
250 203.7 76.9 115.3#
141 493.4 74.4 111.6#

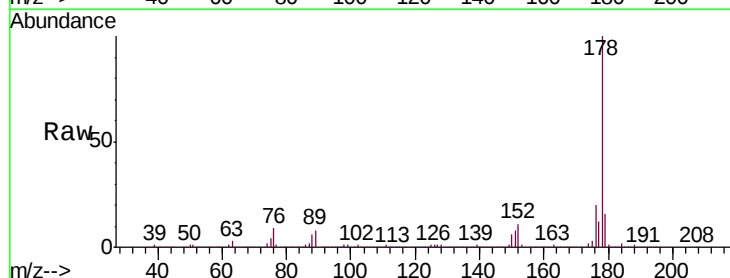


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

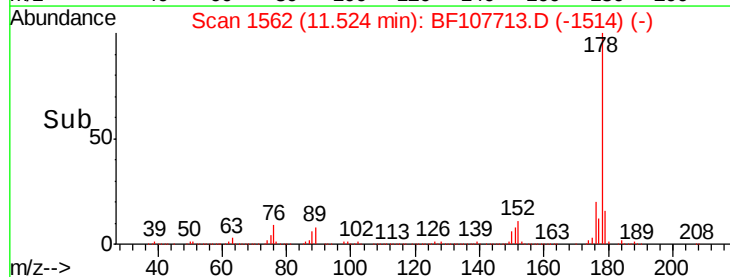
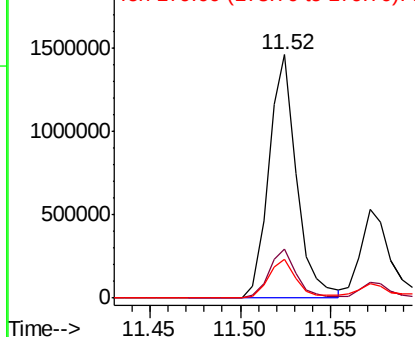


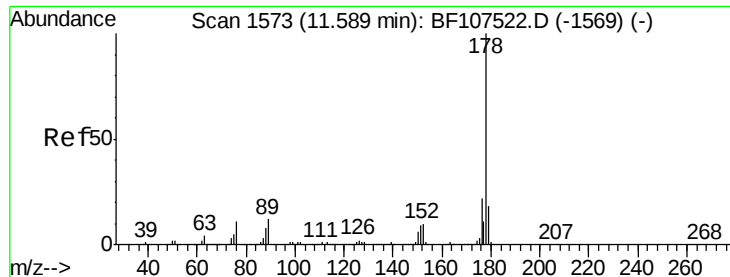
#70
Phenanthrene
Concen: 50.042 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

Tgt Ion:178 Resp: 1549860
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.7 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

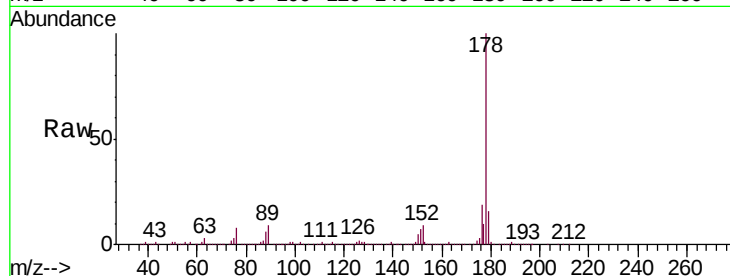




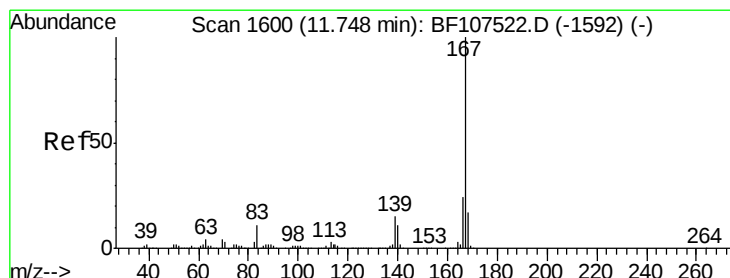
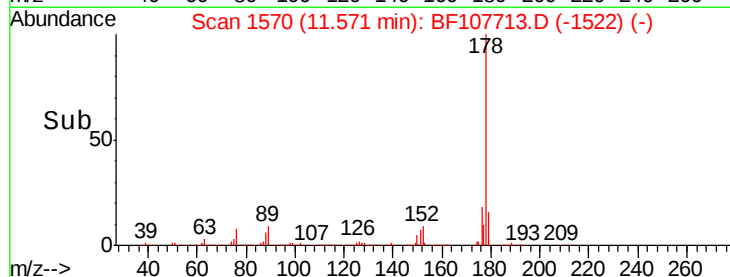
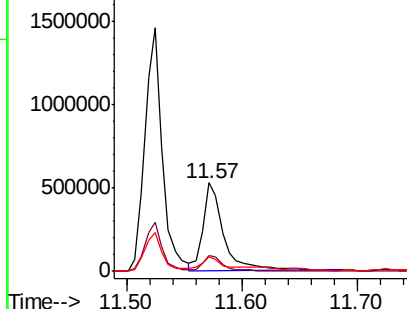
#71
 Anthracene
 Concen: 21.363 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF107713.D
 Acq: 26 Jul 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(8-10)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.1	12.6	19.0

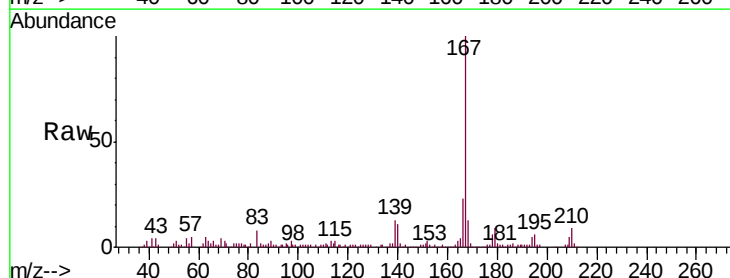


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

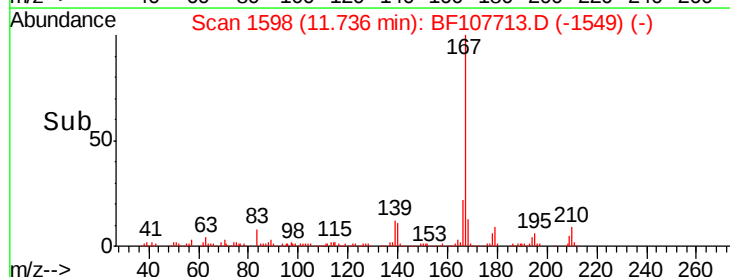
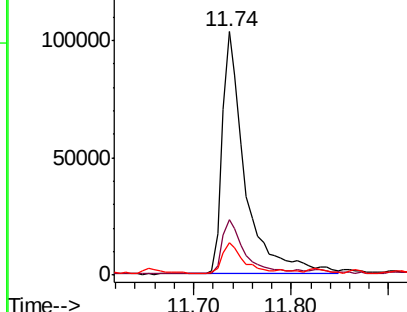


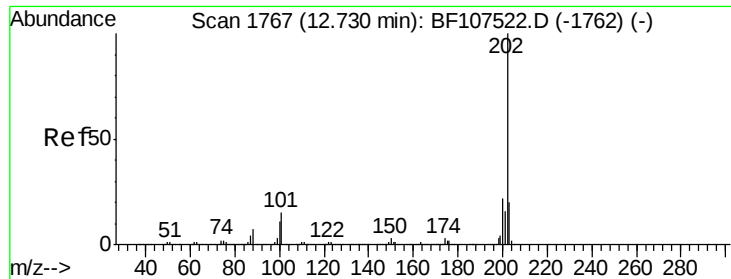
#72
 Carbazole
 Concen: 5.206 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107713.D
 Acq: 26 Jul 2018 21:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.4	10.9	16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 41.133 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF107713.D

Acq: 26 Jul 2018 21:21

Instrument :

BNA_F

ClientSampleId :

SB-12(8-10)

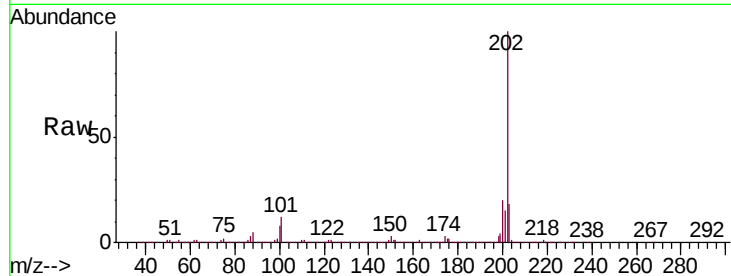
Tgt Ion:202 Resp: 1367030

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

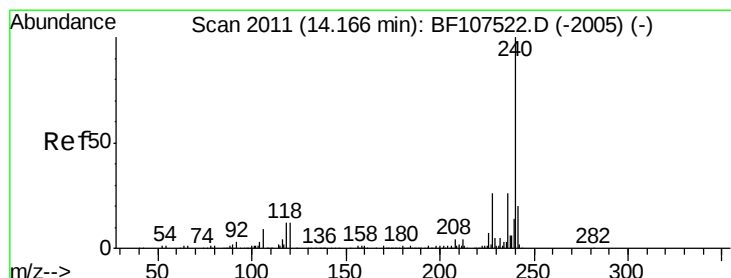
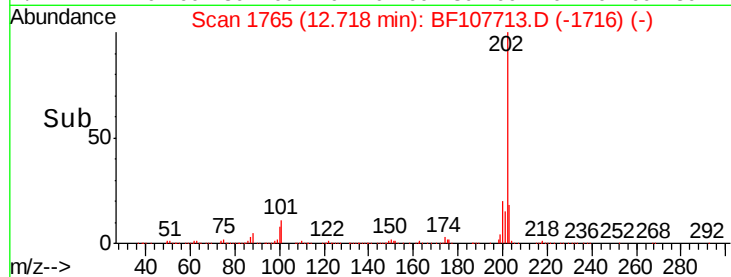
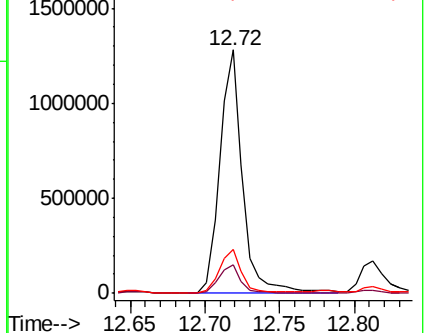
203 18.2 0.0 38.1



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: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107713.D

Acq: 26 Jul 2018 21:21

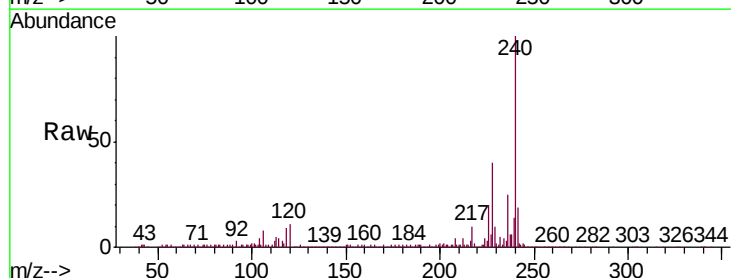
Tgt Ion:240 Resp: 425461

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

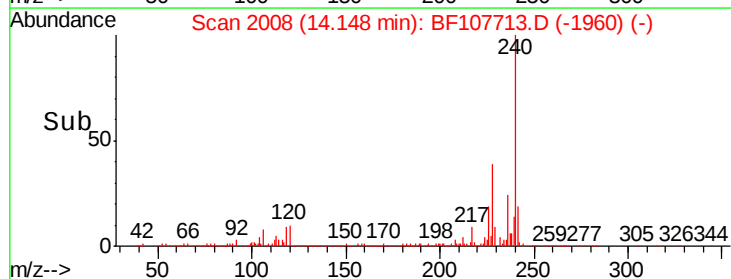
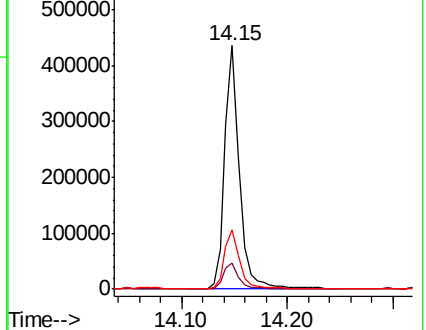
236 24.5 20.7 31.1

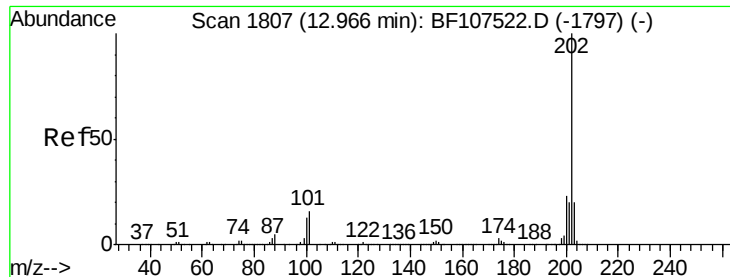


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

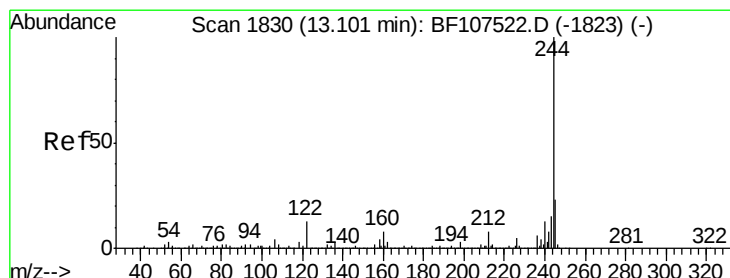
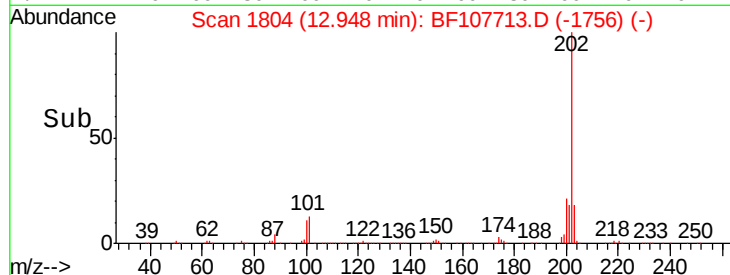
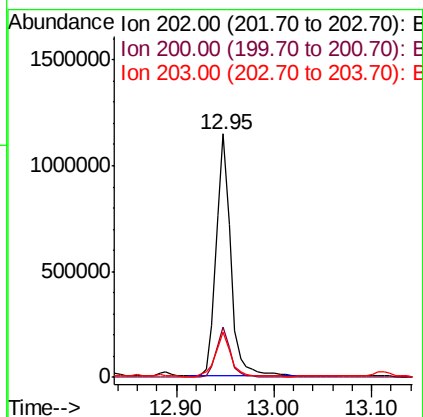
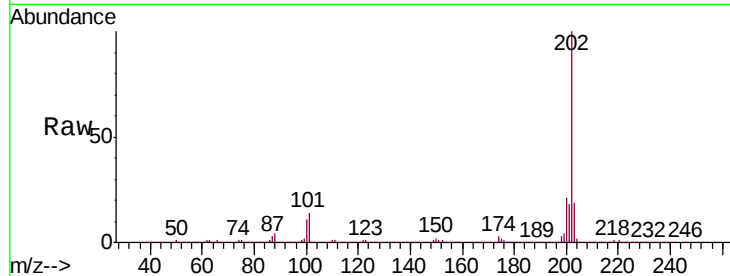




#77
 Pyrene
 Concen: 40.811 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. -0.02 min
 Lab File: BF107713.D
 Acq: 26 Jul 2018 21:21

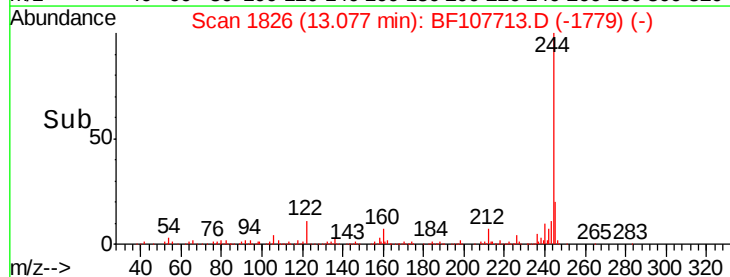
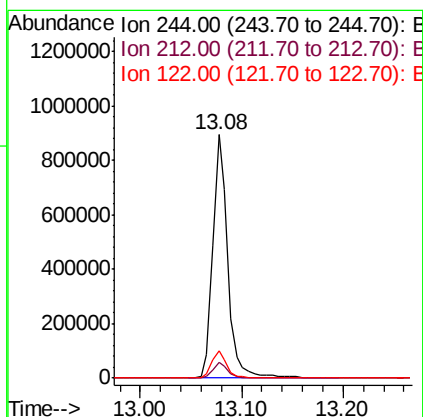
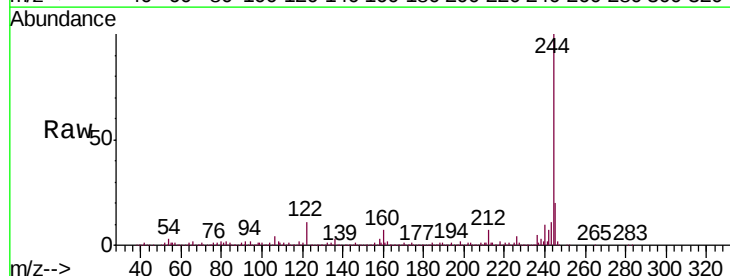
Instrument :
 BNA_F
 ClientSampleId :
 SB-12(8-10)

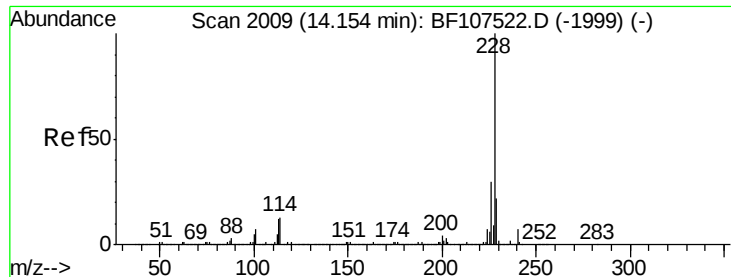
Tgt Ion:202 Resp: 1187690
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.4 26.2
 203 18.5 14.3 21.5



#78
 Terphenyl-d14
 Concen: 55.494 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF107713.D
 Acq: 26 Jul 2018 21:21

Tgt Ion:244 Resp: 922256
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.2 11.0 16.4

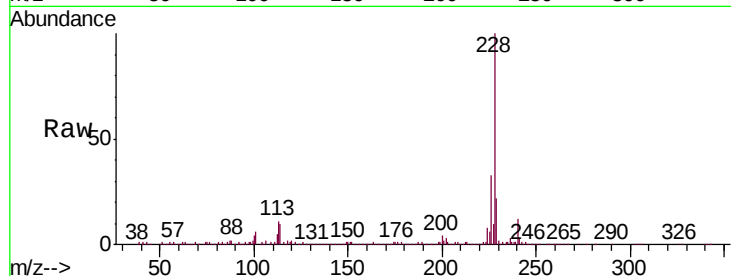




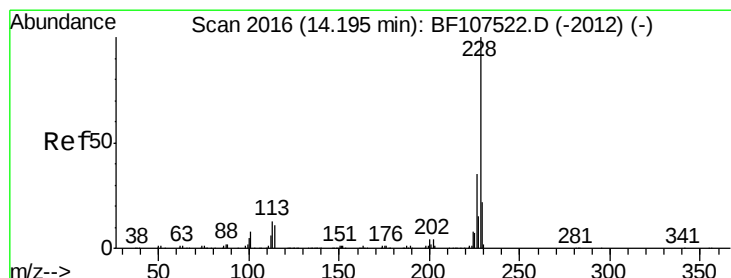
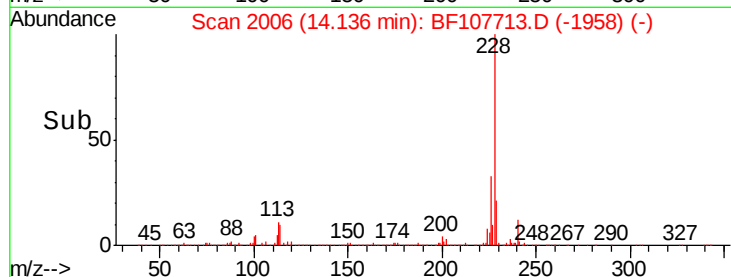
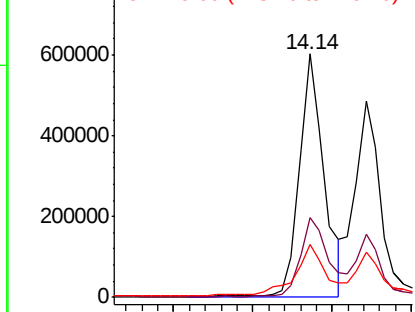
#80
Benzo(a)anthracene
Concen: 25.877 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

Instrument :
BNA_F
ClientSampleId :
SB-12(8-10)

Tgt Ion:228 Resp: 645184
Ion Ratio Lower Upper
228 100
226 33.0 22.6 33.8
229 21.8 15.8 23.6

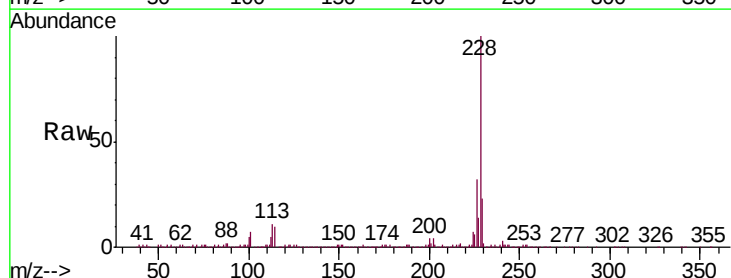


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

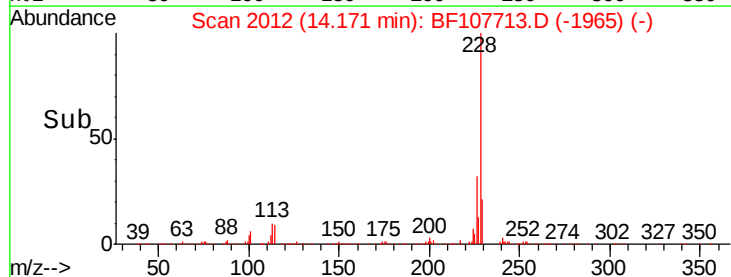
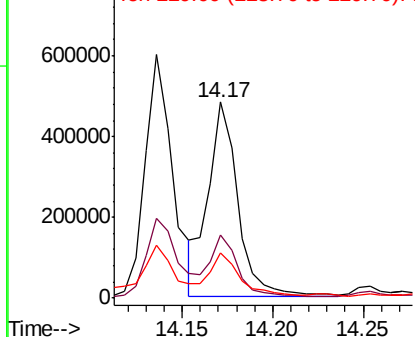


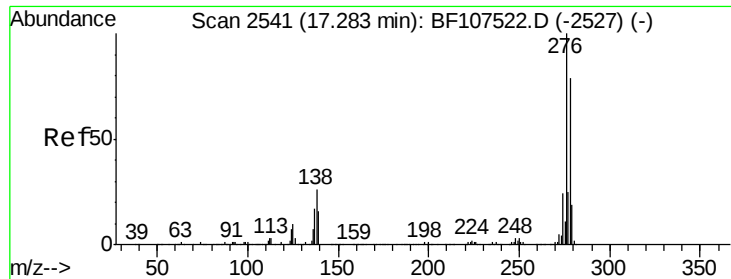
#82
Chrysene
Concen: 23.230 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

Tgt Ion:228 Resp: 556371
Ion Ratio Lower Upper
228 100
226 32.5 25.0 37.6
229 22.9 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

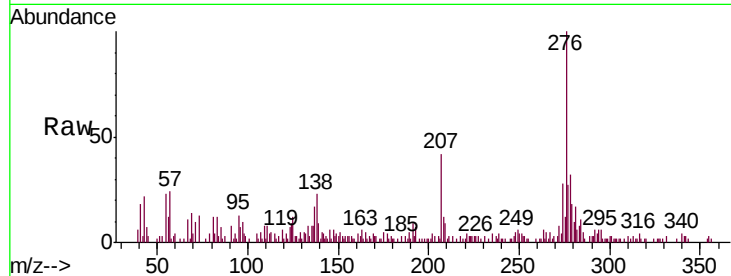




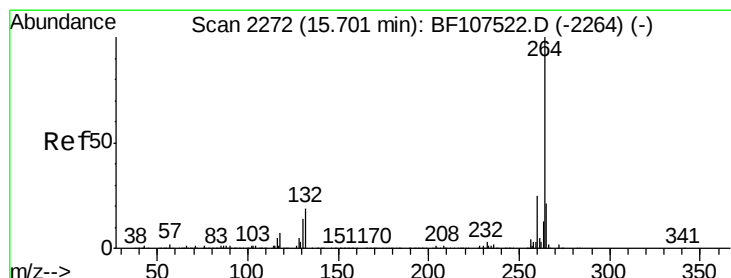
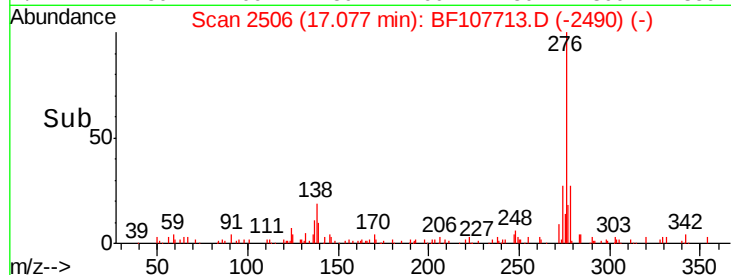
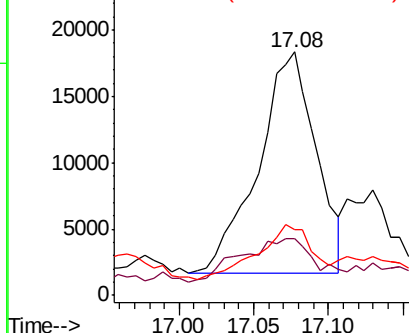
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.232 ng
 RT: 17.08 min Scan# 2506
 Delta R.T. -0.21 min
 Lab File: BF107713.D
 Acq: 26 Jul 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(8-10)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	25.0	37.6
277	23.6	20.1	30.1

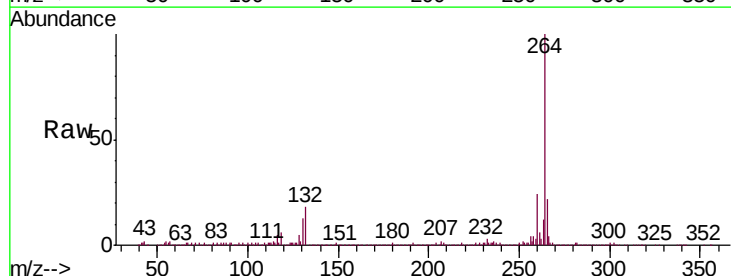


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

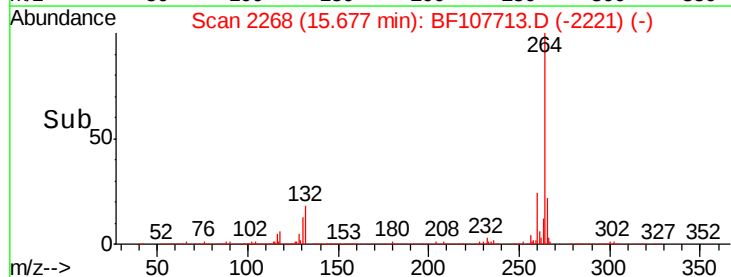
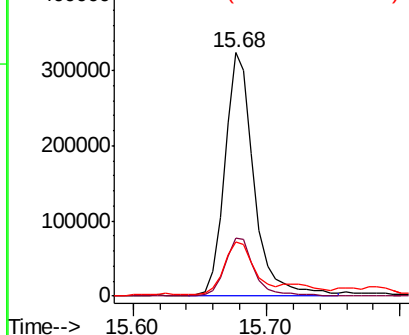


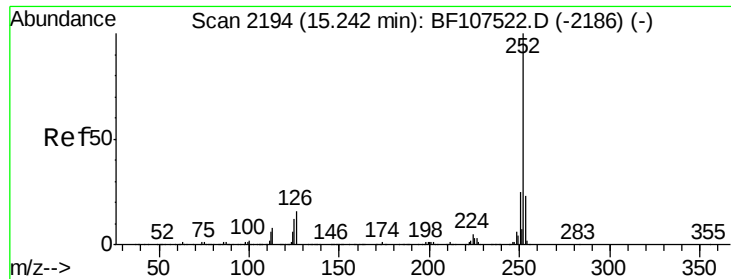
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF107713.D
 Acq: 26 Jul 2018 21:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	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

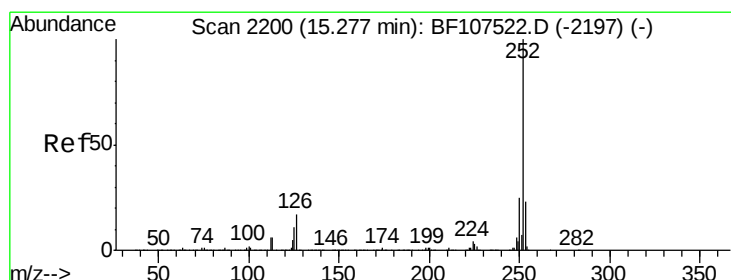
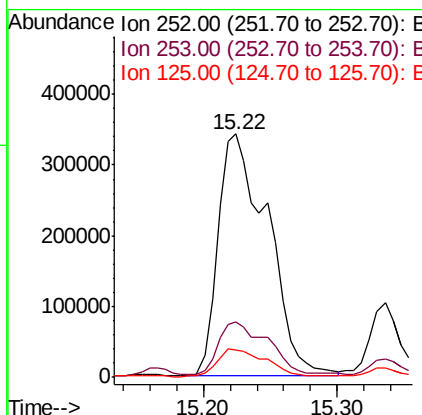
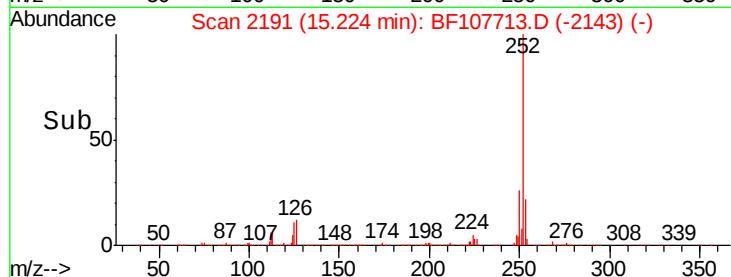
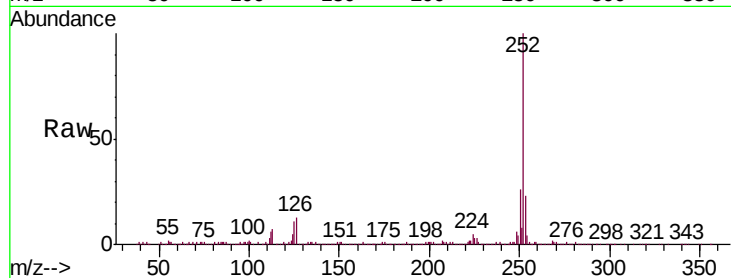




#87
Benzo(b)fluoranthene
Concen: 33.039 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

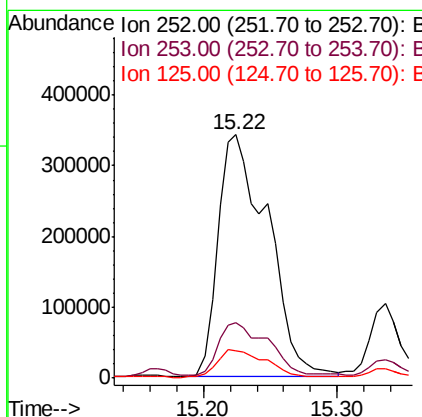
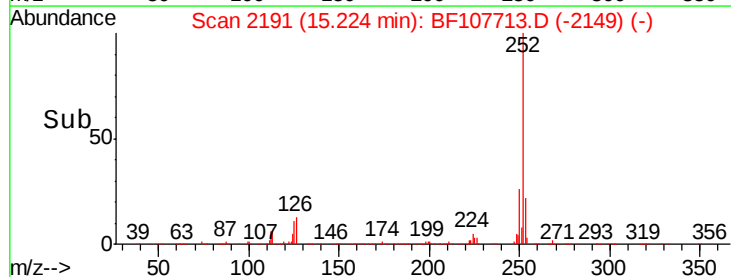
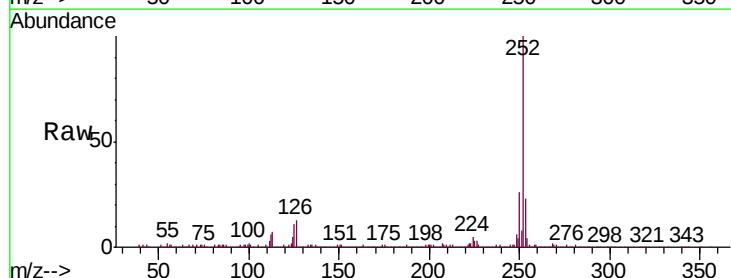
Instrument :
BNA_F
ClientSampleId :
SB-12(8-10)

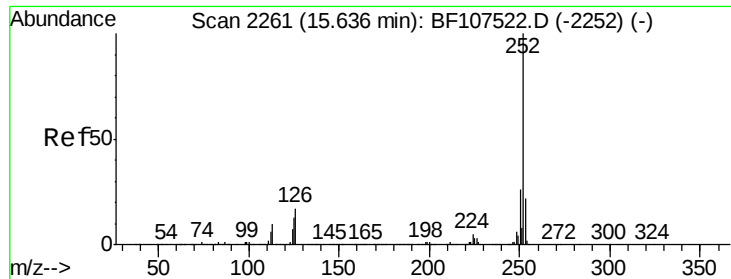
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	11.2	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 33.723 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.05 min
Lab File: BF107713.D
Acq: 26 Jul 2018 21:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	11.2	10.2	15.2





#89

Benzo(a)pyrene

Concen: 22.208 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BF107713.D

Acq: 26 Jul 2018 21:21

Instrument :

BNA_F

ClientSampleId :

SB-12(8-10)

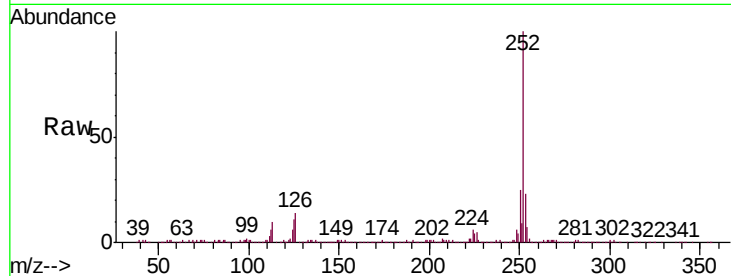
Tgt Ion:252 Resp: 545110

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

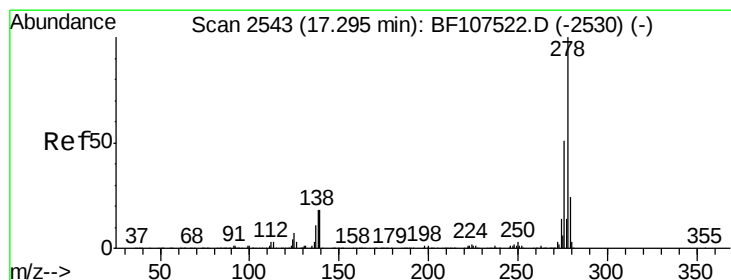
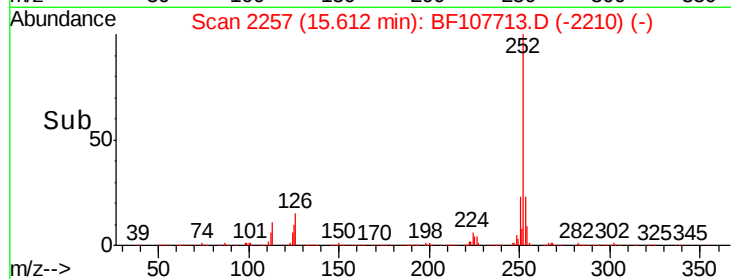
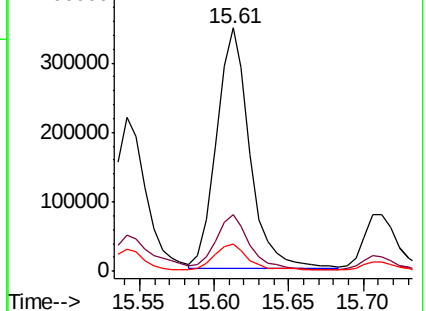
125 11.1 9.8 14.6



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: 2.574 ng

RT: 17.44 min Scan# 2568

Delta R.T. 0.15 min

Lab File: BF107713.D

Acq: 26 Jul 2018 21:21

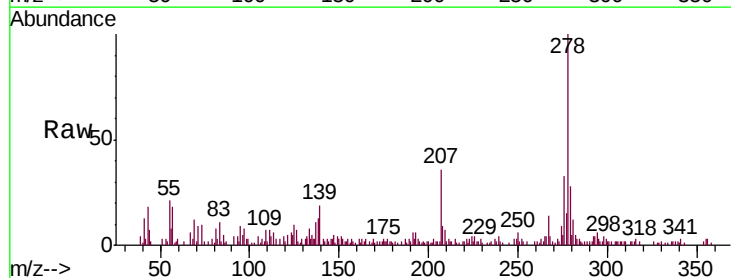
Tgt Ion:278 Resp: 54607

Ion Ratio Lower Upper

278 100

139 19.0 15.9 23.9

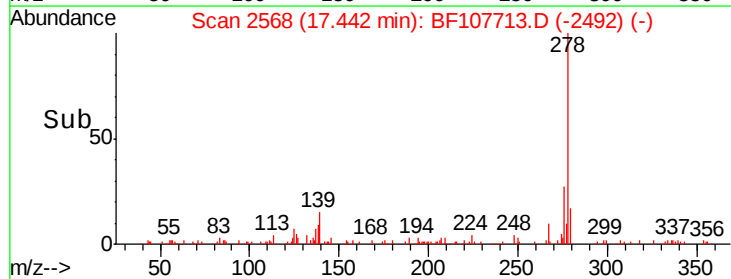
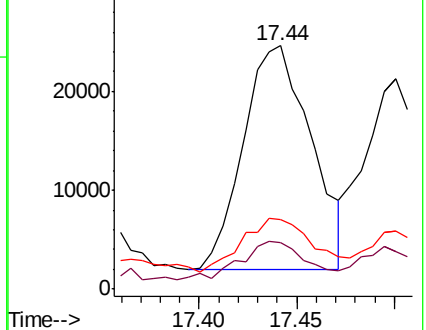
279 28.4 19.0 28.4

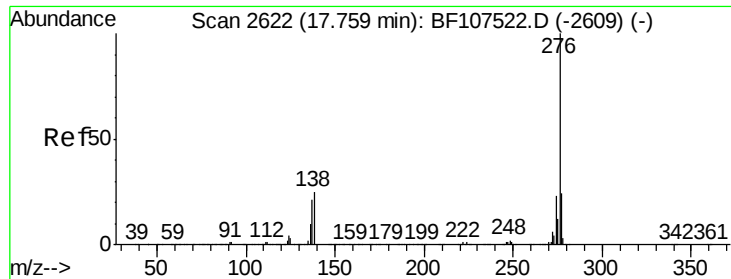


Abundance Ion 278.00 (277.70 to 278.70): E

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: 10.045 ng

RT: 17.72 min Scan# 2616

Delta R.T. -0.04 min

Lab File: BF107713.D

Acq: 26 Jul 2018 21:21

Instrument :

BNA_F

ClientSampleId :

SB-12(8-10)

Tgt Ion: 276 Resp: 210239

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 22.7 21.8 32.8

