

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108855.D
 Acq On : 7 Sep 2018 12:51
 Operator : JU/SJ
 Sample : J4803-21RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 13:19:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	266882	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1025953	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	509388	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	921576	20.00	ng	0.00
75) Chrysene-d12	13.87	240	597174	20.00	ng	0.00
86) Perylene-d12	15.27	264	622391	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1153397	71.60	ng	0.01
7) Phenol-d6	6.37	99	1537383	74.17	ng	0.00
23) Nitrobenzene-d5	7.30	82	959499	58.53	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	371936	76.48	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1618755	54.21	ng	0.00
78) Terphenyl-d14	12.82	244	1430615	55.86	ng	0.00

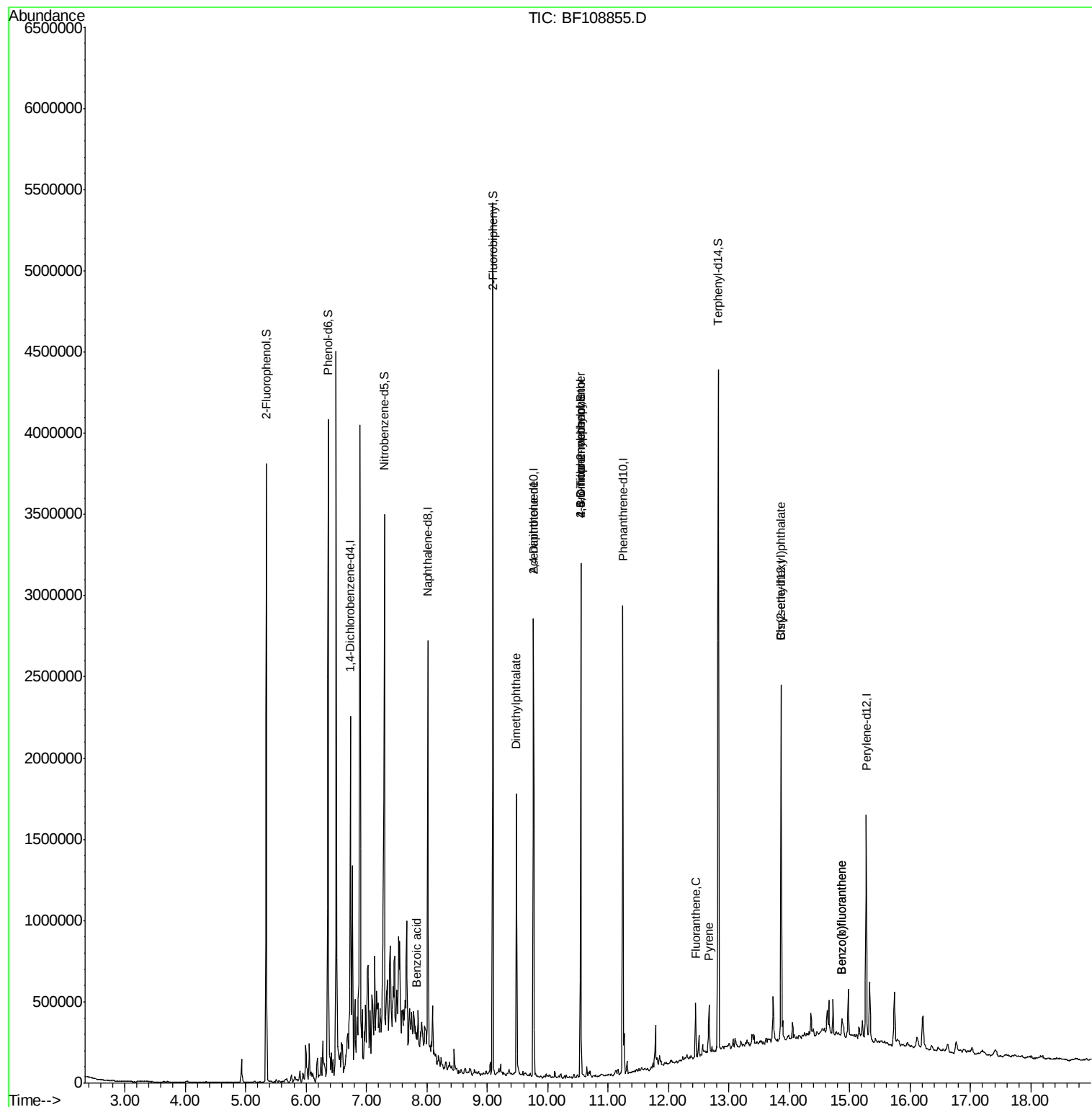
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
32) Benzoic acid	7.83	122	4459	4.523	ng	# 47
49) Dimethylphthalate	9.48	163	621131	17.434	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	65927	7.593	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	768	7.050	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	22728	2.184	ng	# 1
74) Fluoranthene	12.45	202	121319	2.784	ng	# 95
77) Pyrene	12.67	202	109493	2.383	ng	# 99
83) Bis(2-ethylhexyl)phthalate	13.87	149	86308	3.319	ng	# 98
87) Benzo(b)fluoranthene	14.87	252	77975	2.304	ng	# 91
88) Benzo(k)fluoranthene	14.87	252	77975	2.502	ng	# 94

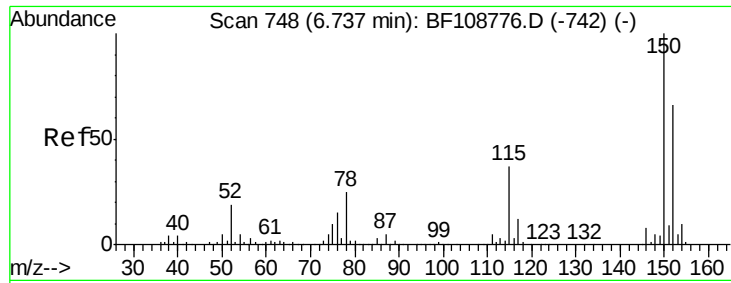
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108855.D
Acq On : 7 Sep 2018 12:51
Operator : JU/SJ
Sample : J4803-21RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 07 13:19:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



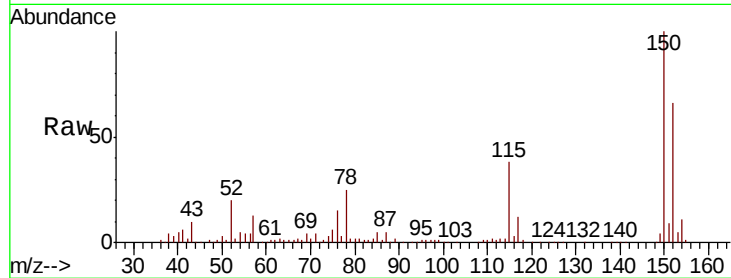


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108855.D
Acq: 7 Sep 2018 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	58.1	50.1	75.1

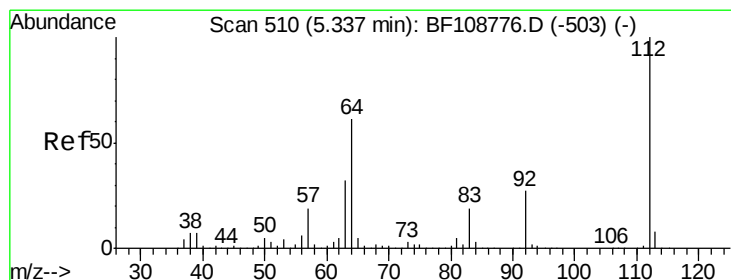
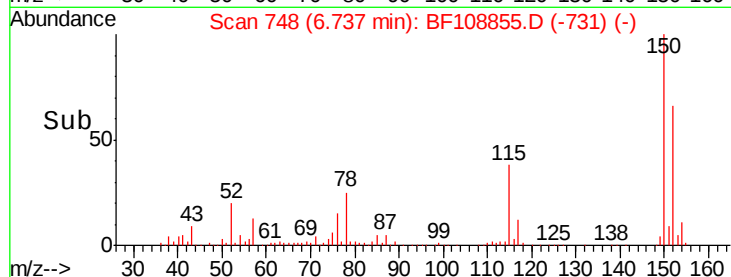
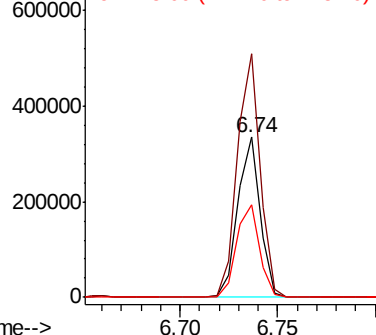


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

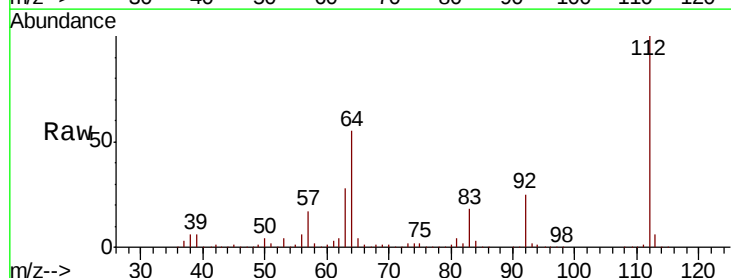
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 71.597 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108855.D
Acq: 7 Sep 2018 12:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.9	71.9
63	28.1	23.7	35.5

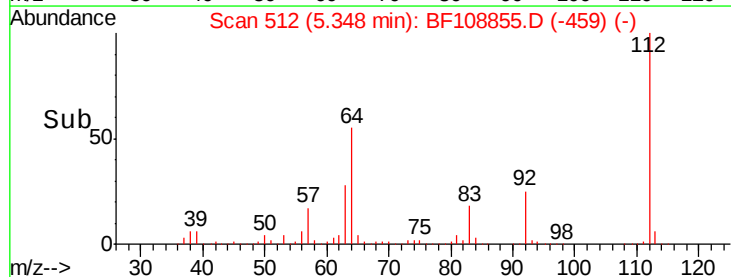
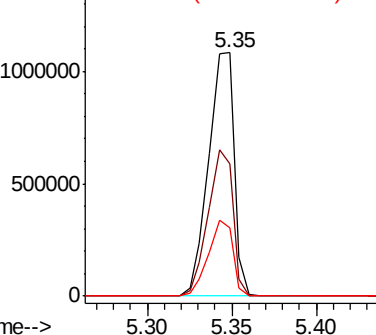


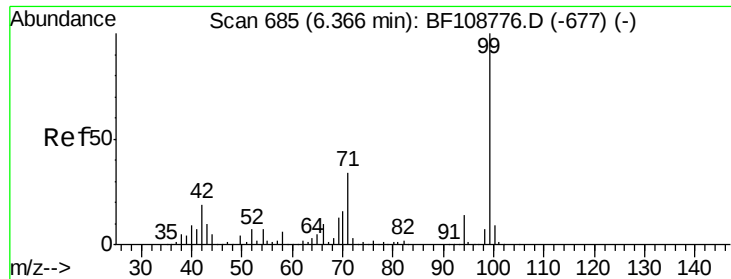
Abundance

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: 74.171 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108855.D

Acq: 7 Sep 2018 12:51

Instrument :

BNA_G

ClientSampleId :

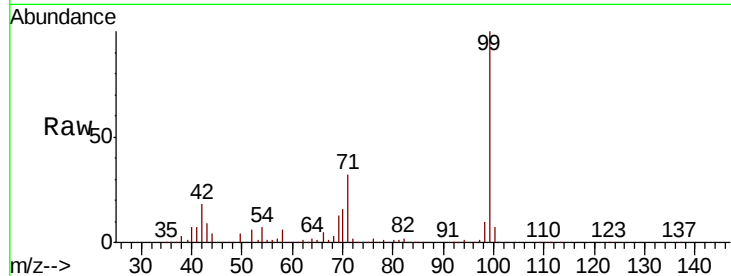
Tot Ion: 99 Resp: 1537383

Ion Ratio Lower Upper

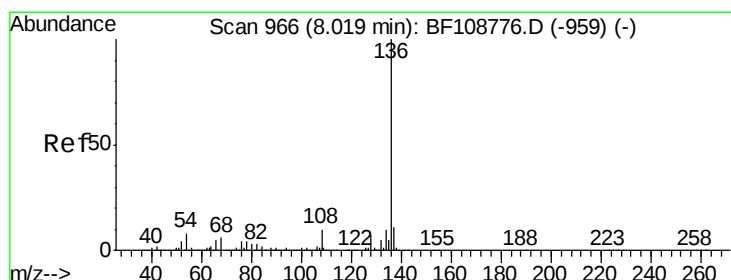
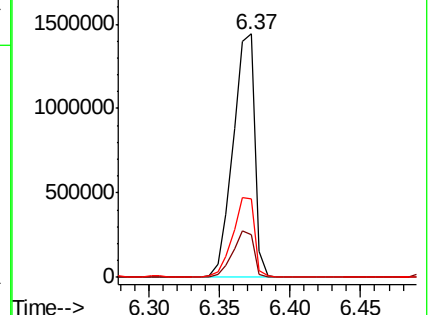
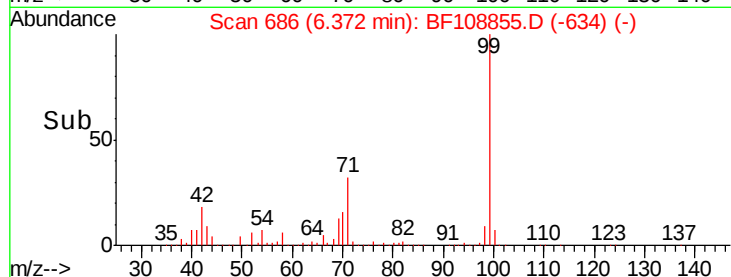
99 100

42 17.8 14.5 21.7

71 32.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF108855.D

Acq: 7 Sep 2018 12:51

Tgt Ion: 136 Resp: 1025953

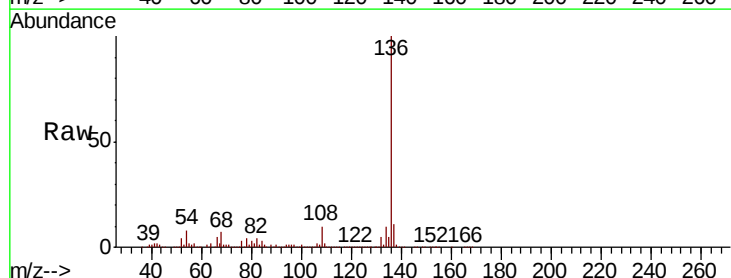
Ion Ratio Lower Upper

136 100

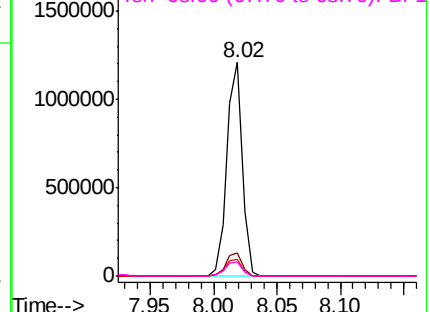
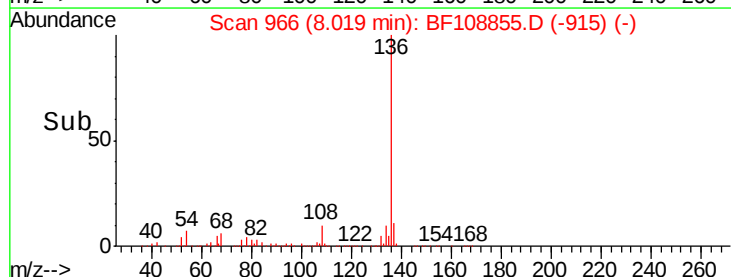
137 11.1 8.9 13.3

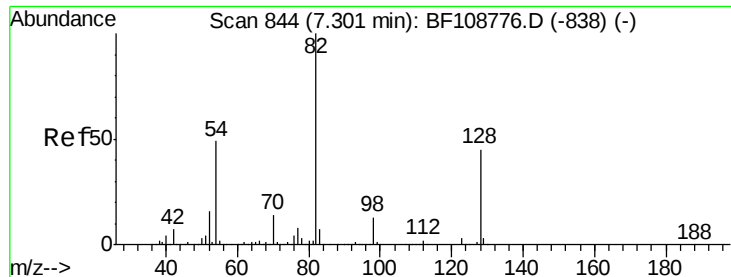
54 7.6 6.6 9.8

68 6.7 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

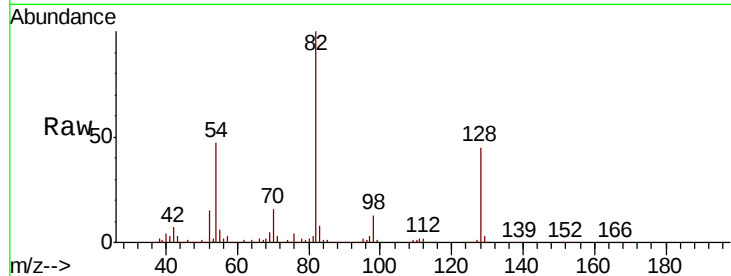




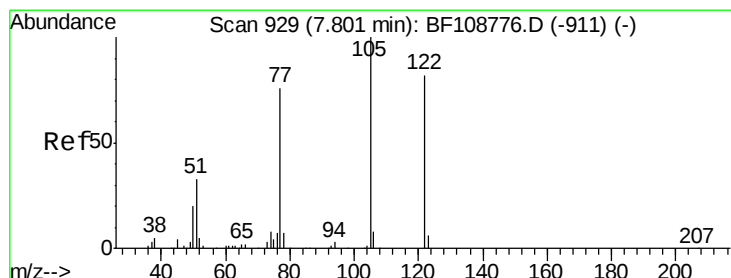
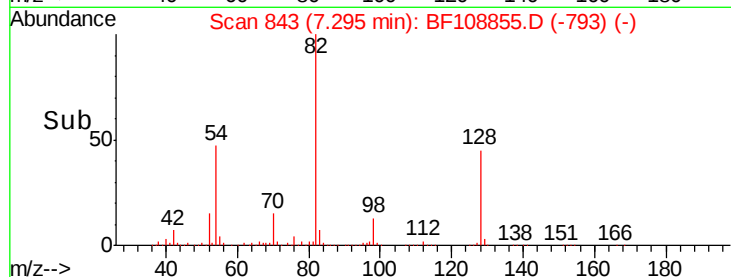
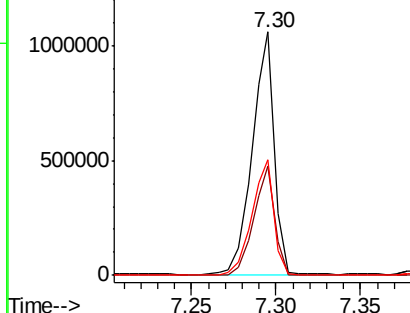
#23
 Nitrobenzene-d5
 Concen: 58.527 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108855.D
 Acq: 7 Sep 2018 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	47.4	41.4	62.2

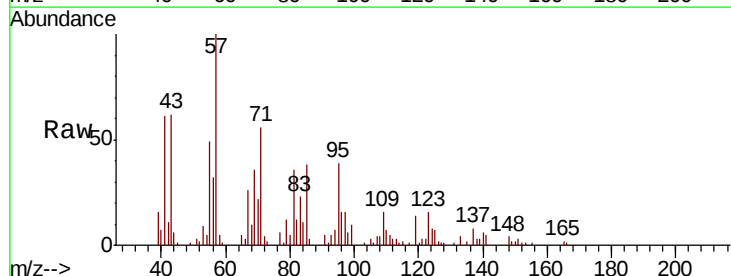


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

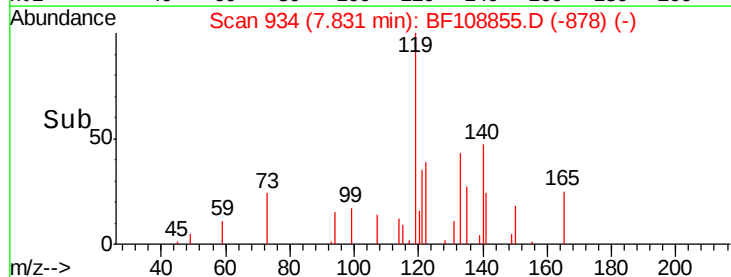
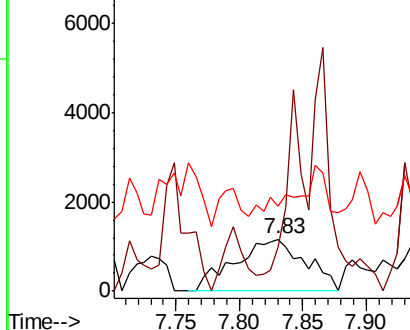


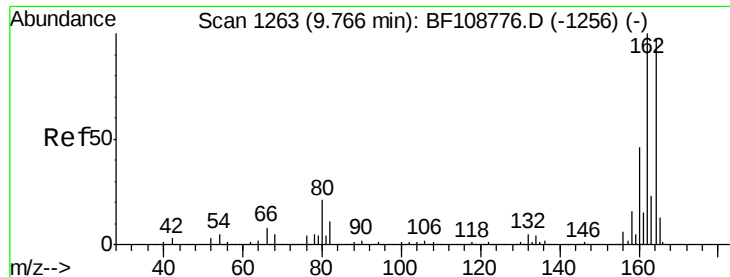
#32
 Benzoic acid
 Concen: 4.523 ng
 RT: 7.83 min Scan# 934
 Delta R.T. 0.03 min
 Lab File: BF108855.D
 Acq: 7 Sep 2018 12:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	84.2	101.1	141.1#
77	165.1	70.7	110.7#



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1

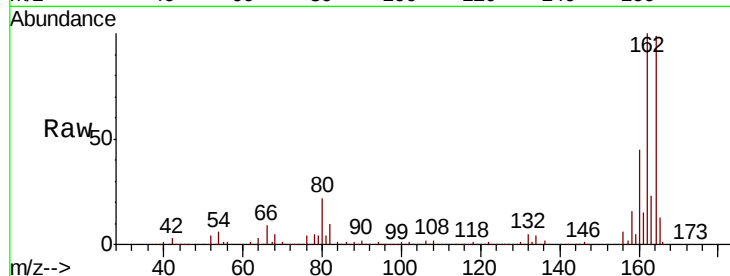




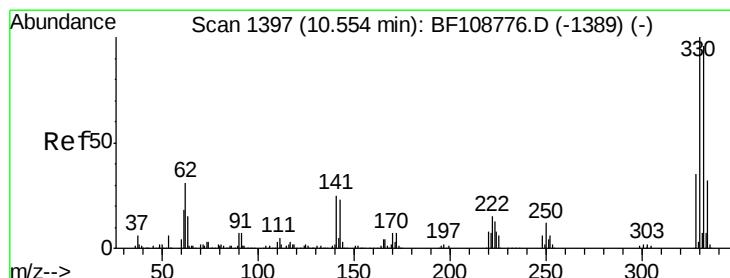
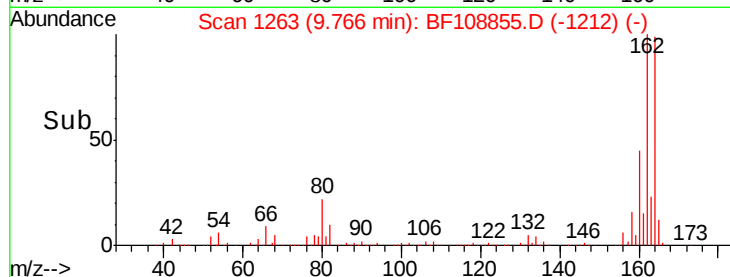
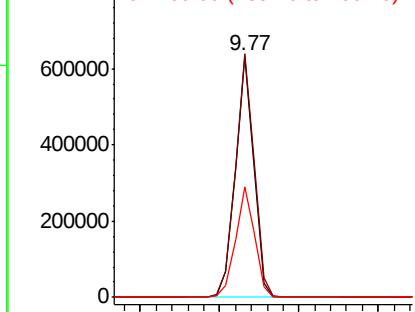
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF108855.D
 Acq: 7 Sep 2018 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	45.7	38.3	57.5

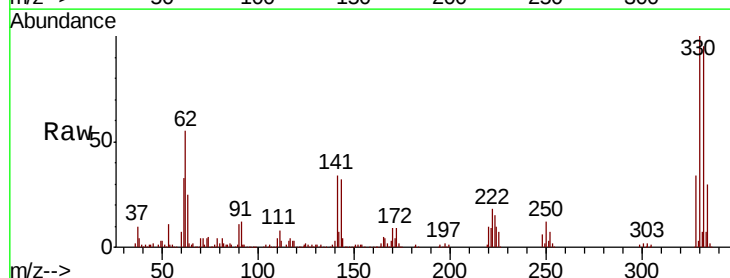


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

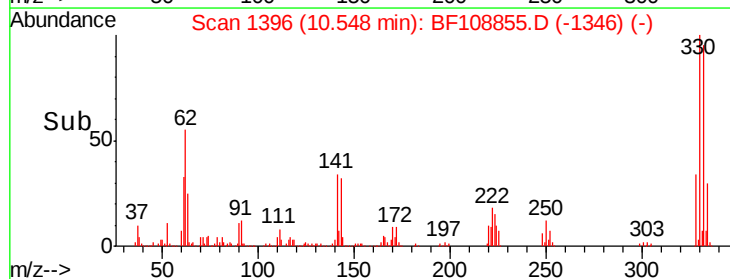
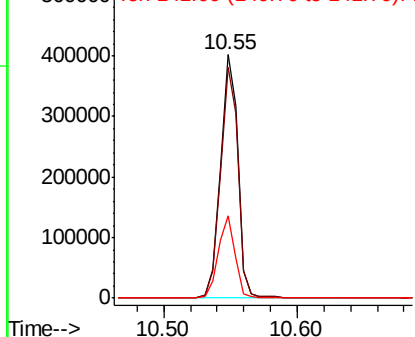


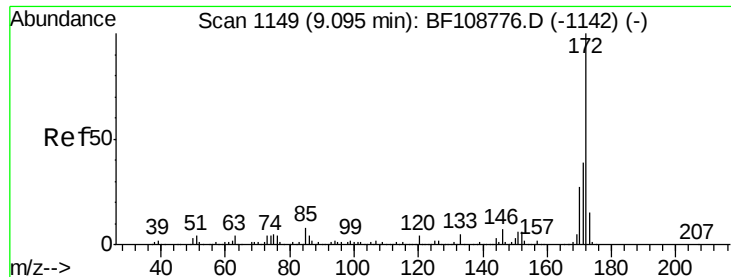
#41
 2,4,6-Tribromophenol
 Concen: 76.485 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108855.D
 Acq: 7 Sep 2018 12:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.8	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

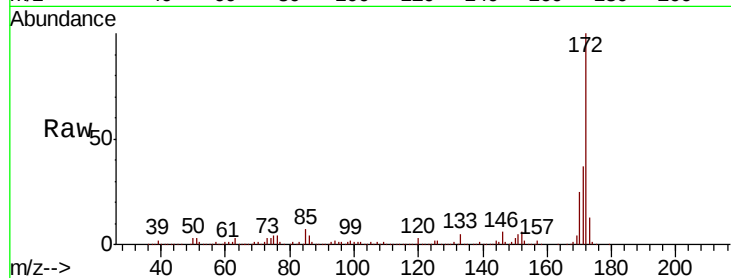




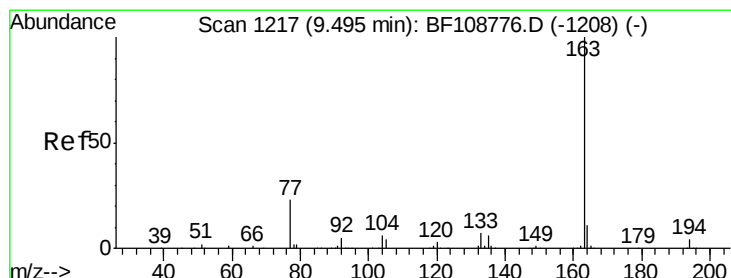
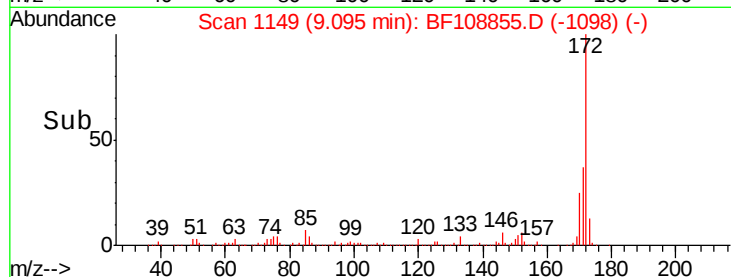
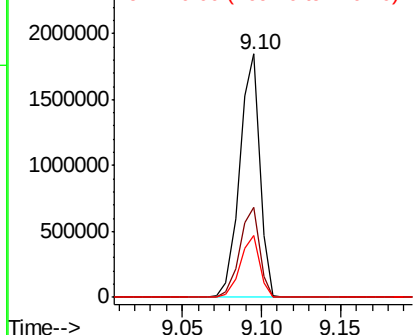
#44
2-Fluorobiphenyl
Concen: 54.214 ng
RT: 9.10 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF108855.D
Acq: 7 Sep 2018 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1618755
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 25.2 19.6 29.4

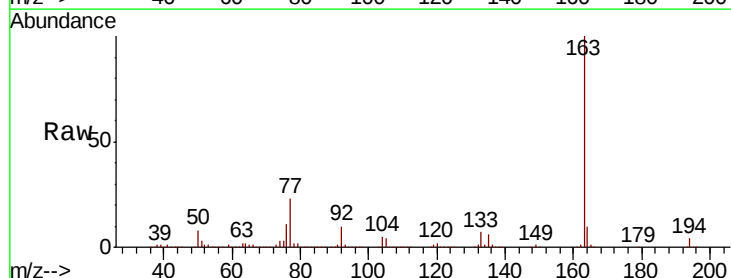


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

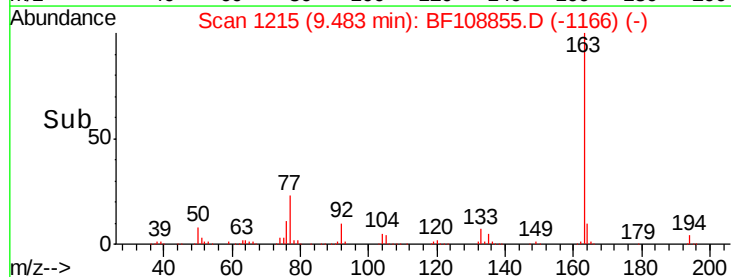
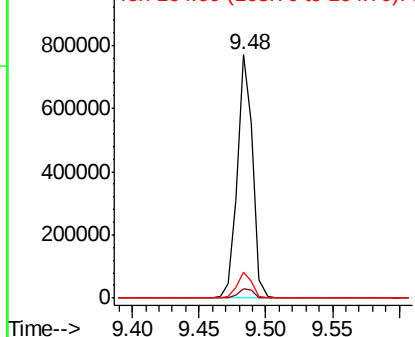


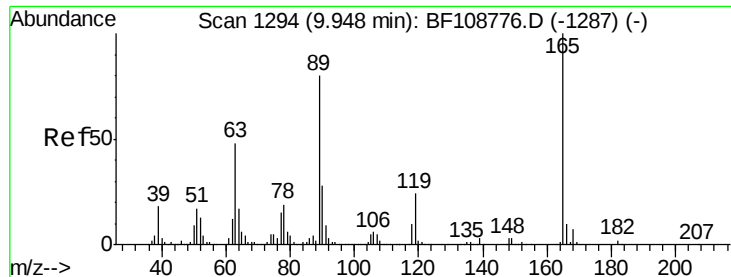
#49
Dimethylphthalate
Concen: 17.434 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108855.D
Acq: 7 Sep 2018 12:51

Tgt Ion:163 Resp: 621131
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.5 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

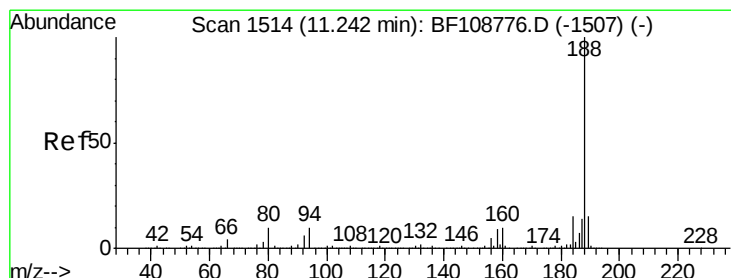
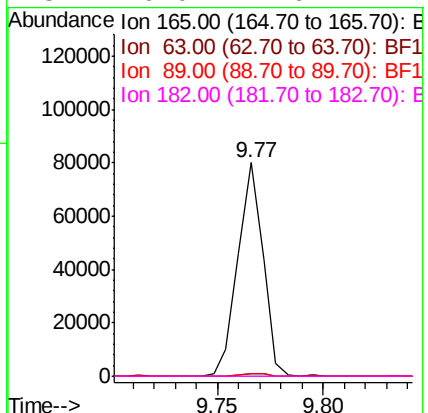
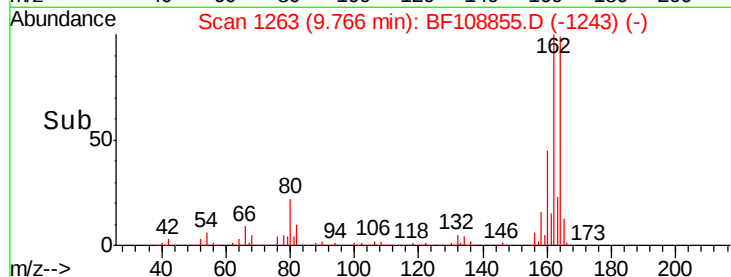
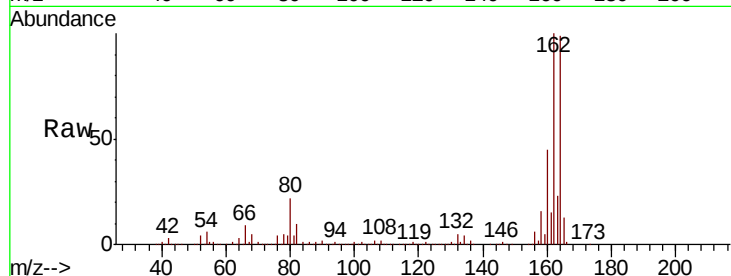




#56
 2,4-Dinitrotoluene
 Concen: 7.593 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108855.D
 Acq: 7 Sep 2018 12:51

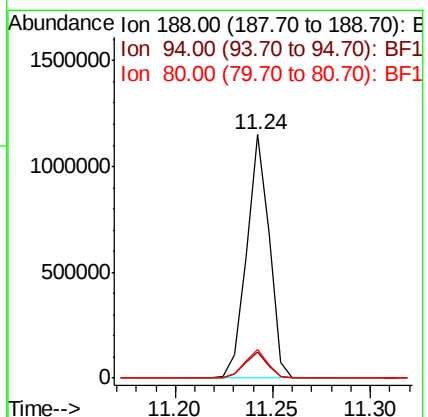
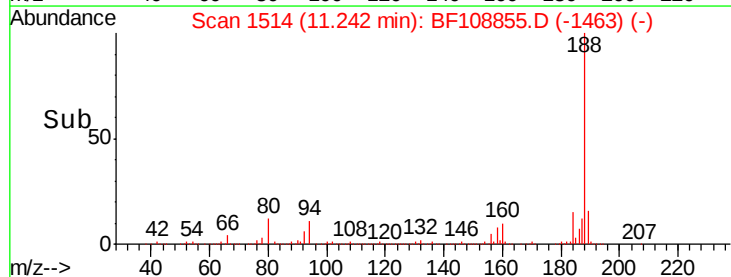
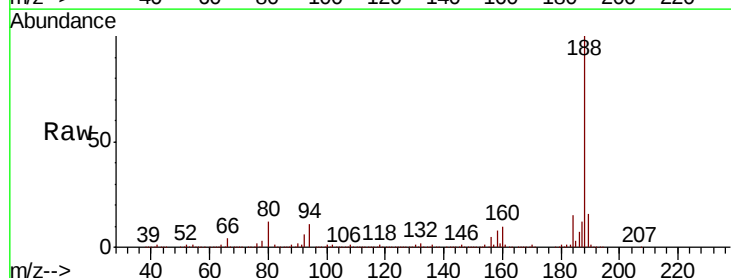
Instrument :
 BNA_G
 ClientSampleId :

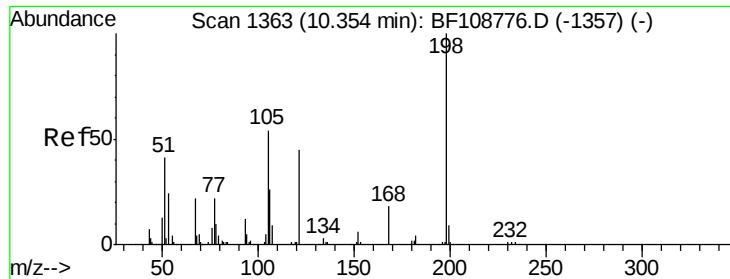
Tot Ion:	165	Resp:	65927
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF108855.D
 Acq: 7 Sep 2018 12:51

Tgt Ion:	188	Resp:	921576
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.6	9.2	13.8

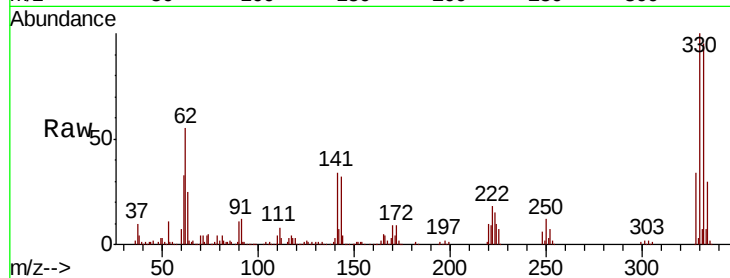




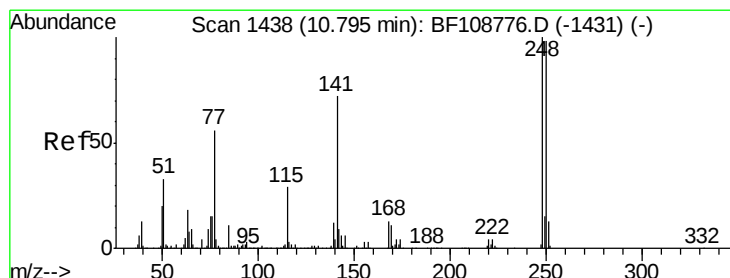
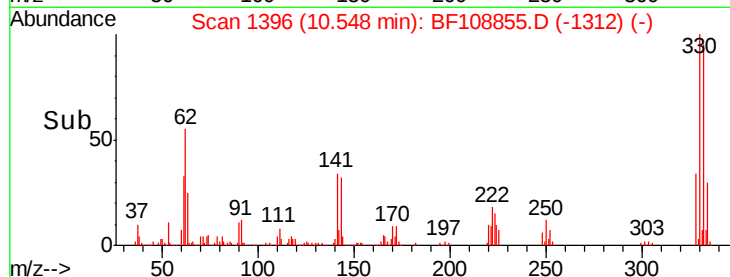
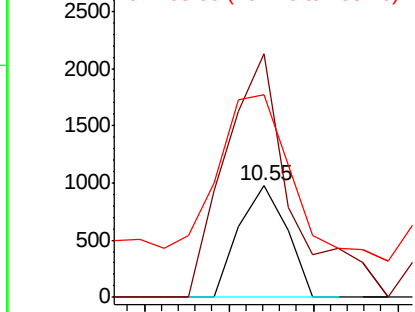
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.050 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108855.D
 Acq: 7 Sep 2018 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 768
 Ion Ratio Lower Upper
 198 100
 51 218.9 37.7 77.7#
 105 182.1 36.3 76.3#

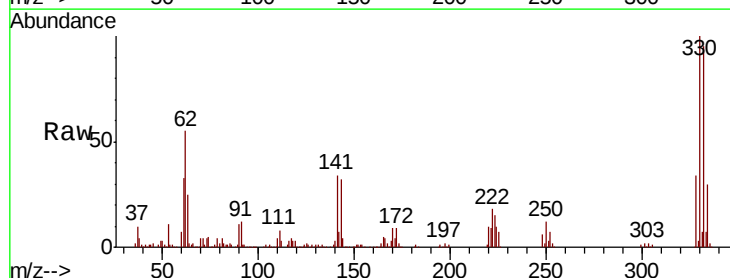


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

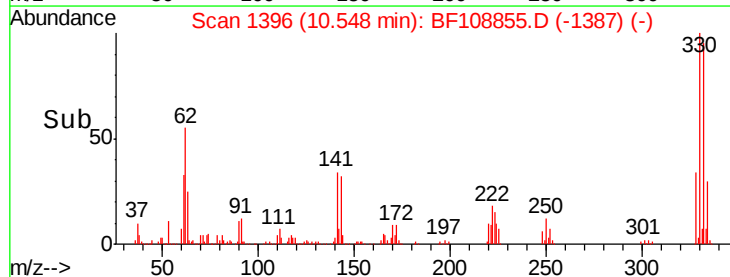
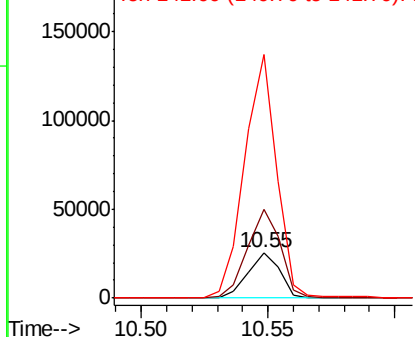


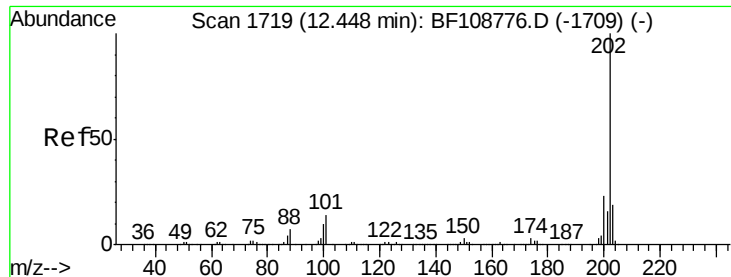
#66
 4-Bromophenyl-phenylether
 Concen: 2.184 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.25 min
 Lab File: BF108855.D
 Acq: 7 Sep 2018 12:51

Tgt Ion:248 Resp: 22728
 Ion Ratio Lower Upper
 248 100
 250 195.5 76.9 115.3#
 141 537.4 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





#74

Fluoranthene

Concen: 2.784 ng

RT: 12.45 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BF108855.D

Acq: 7 Sep 2018 12:51

Instrument :

BNA_G

ClientSampleId :

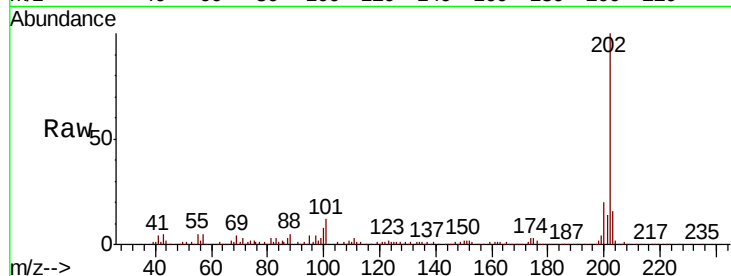
Tot Ion:202 Resp: 121319

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

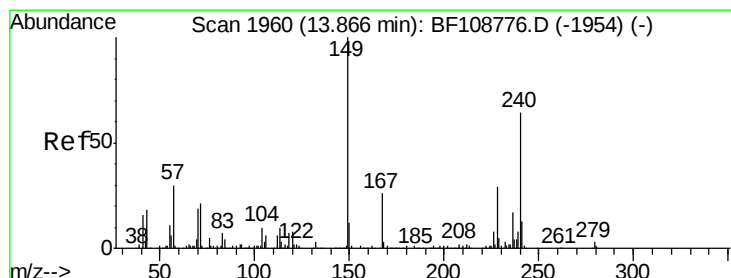
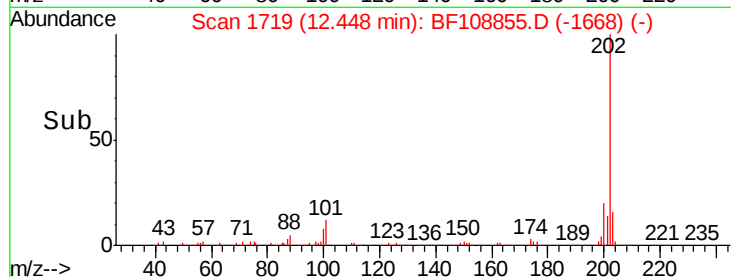
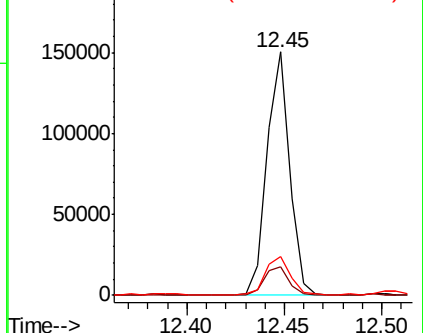
203 16.0 0.0 38.1



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: 13.87 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BF108855.D

Acq: 7 Sep 2018 12:51

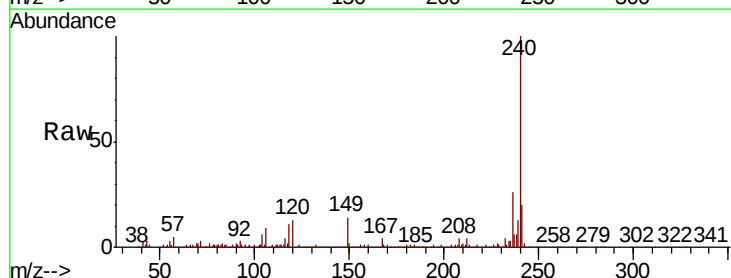
Tgt Ion:240 Resp: 597174

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

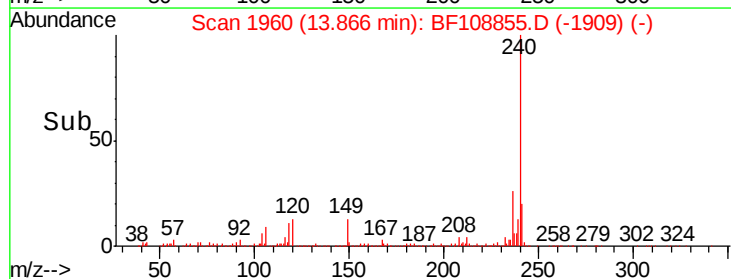
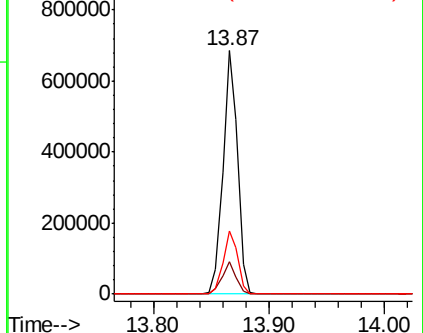
236 26.0 20.7 31.1

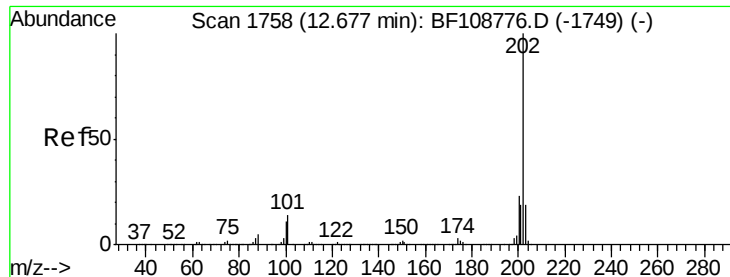


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.383 ng

RT: 12.67 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF108855.D

Acq: 7 Sep 2018 12:51

Instrument :

BNA_G

ClientSampleId :

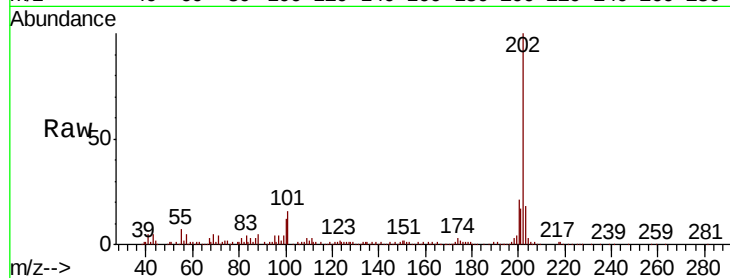
Tot Ion:202 Resp: 109493

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

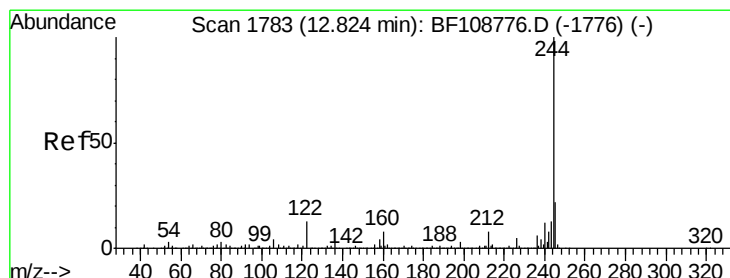
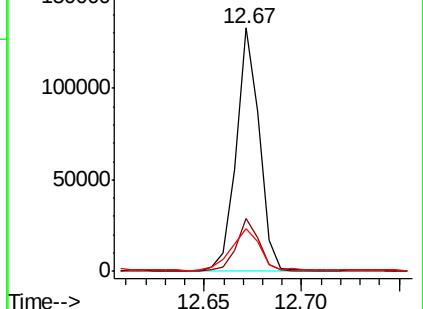
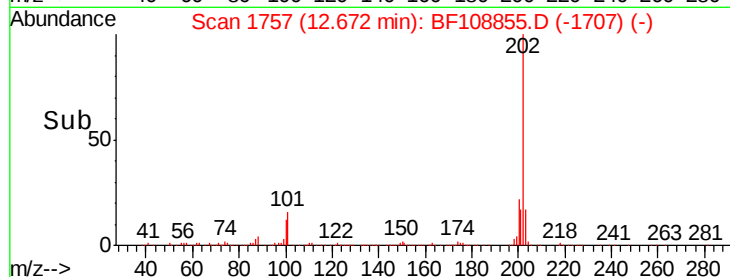
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 55.864 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108855.D

Acq: 7 Sep 2018 12:51

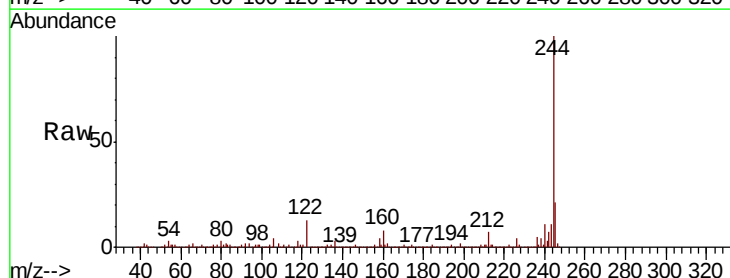
Tgt Ion:244 Resp: 1430615

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

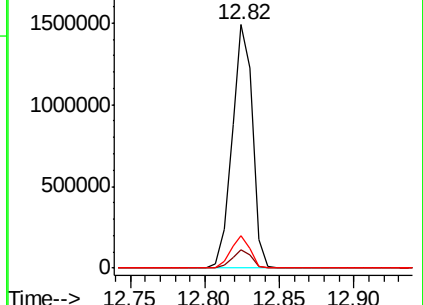
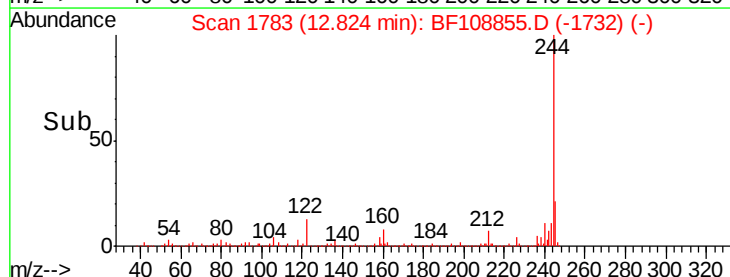
122 13.1 11.0 16.4

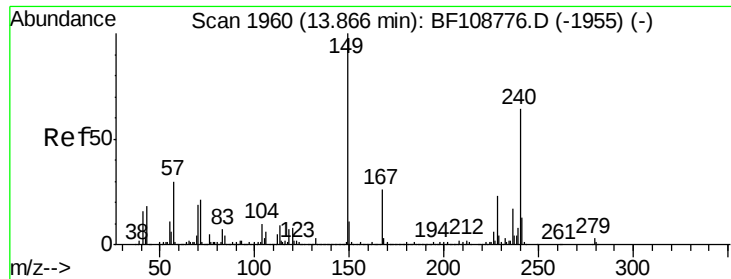


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

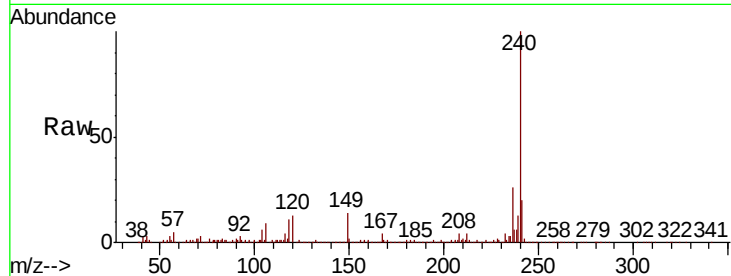




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.319 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BF108855.D
 Acq: 7 Sep 2018 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	2.8	3.0	4.4#

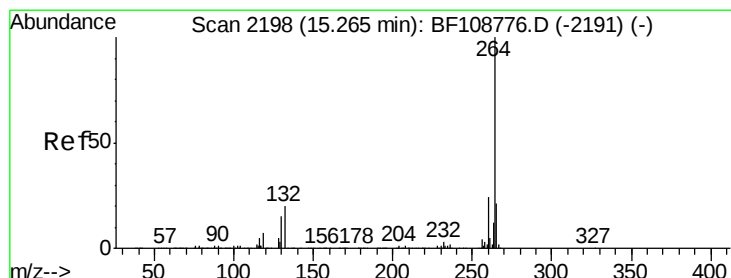
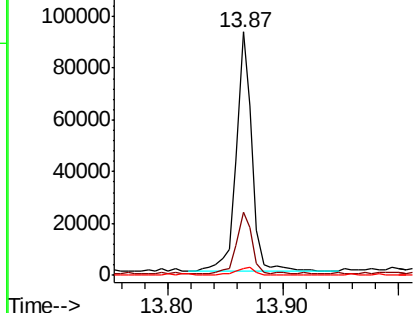
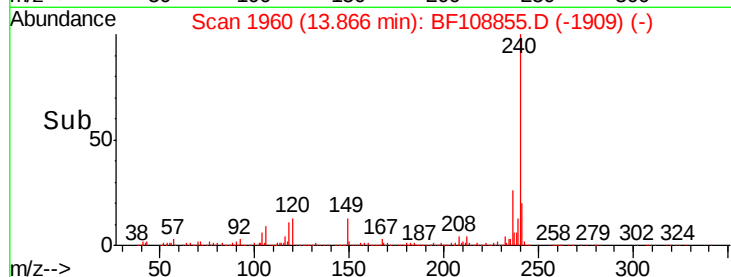


Abundance

Ion 149.00 (148.70 to 149.70): E

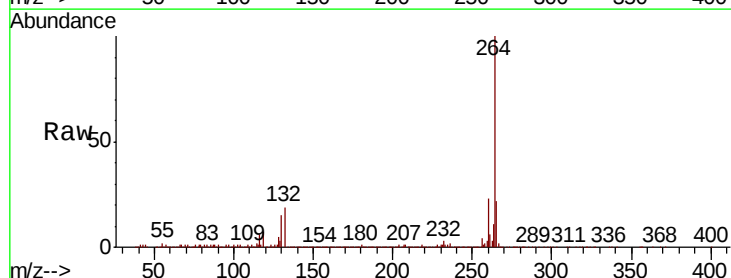
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108855.D
 Acq: 7 Sep 2018 12:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.5	26.3

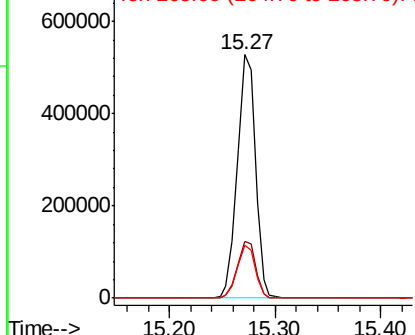
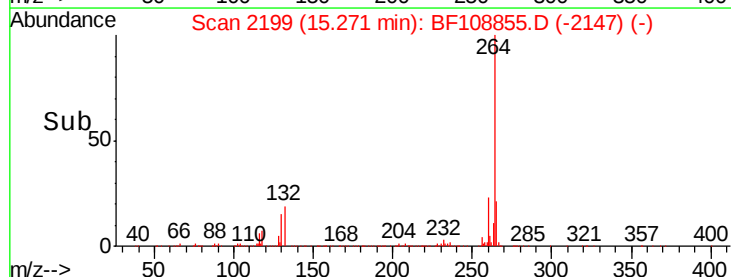


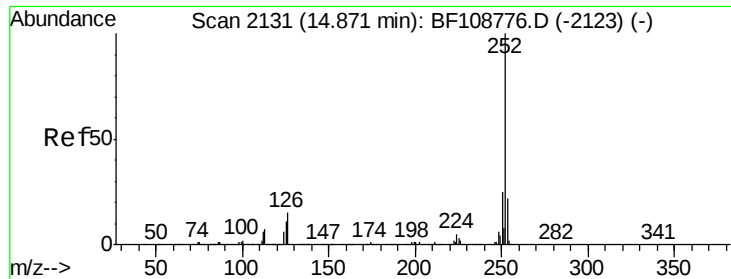
Abundance

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

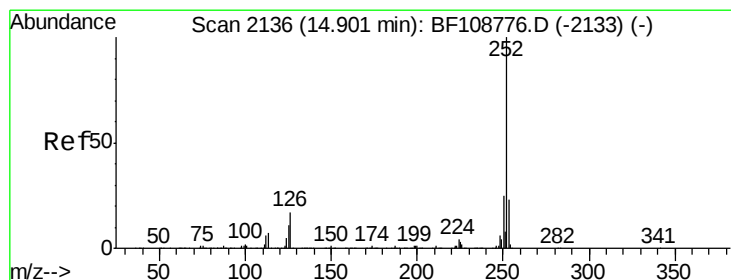
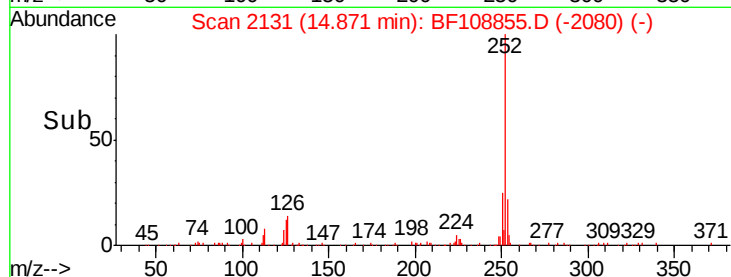
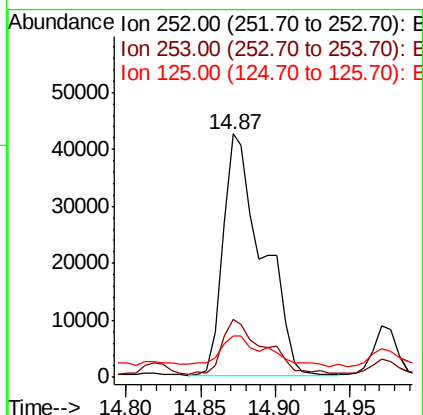
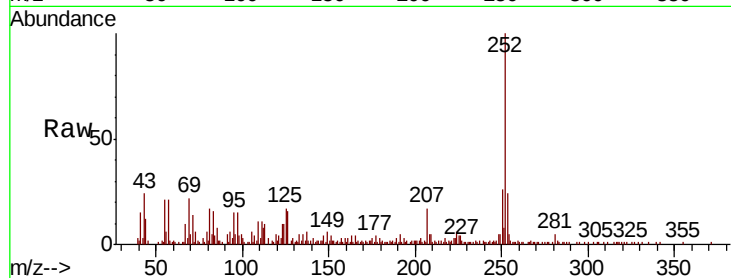




#87
Benzo(b)fluoranthene
Concen: 2.304 ng
RT: 14.87 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF108855.D
Acq: 7 Sep 2018 12:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 77975
Ion Ratio Lower Upper
252 100
253 23.9 17.0 25.6
125 17.2 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.502 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BF108855.D
Acq: 7 Sep 2018 12:51

Tgt Ion:252 Resp: 77975
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 17.2 10.2 15.2#

