

Data File : BF108835.D
Acq On : 6 Sep 2018 20:42
Operator : JU/SJ
Sample : J4803-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G6

Quant Time: Sep 07 01:46:08 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	266332	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1008767	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	487536	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	794128	20.00	ng	0.00
75) Chrysene-d12	13.87	240	623901	20.00	ng	0.00
86) Perylene-d12	15.27	264	717126	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	961366	59.80	ng	0.00
7) Phenol-d6	6.37	99	1248351	60.35	ng	0.00
23) Nitrobenzene-d5	7.29	82	783102	48.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	275666	59.23	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1388278	48.58	ng	0.00
78) Terphenyl-d14	12.82	244	1060677	39.64	ng	0.00

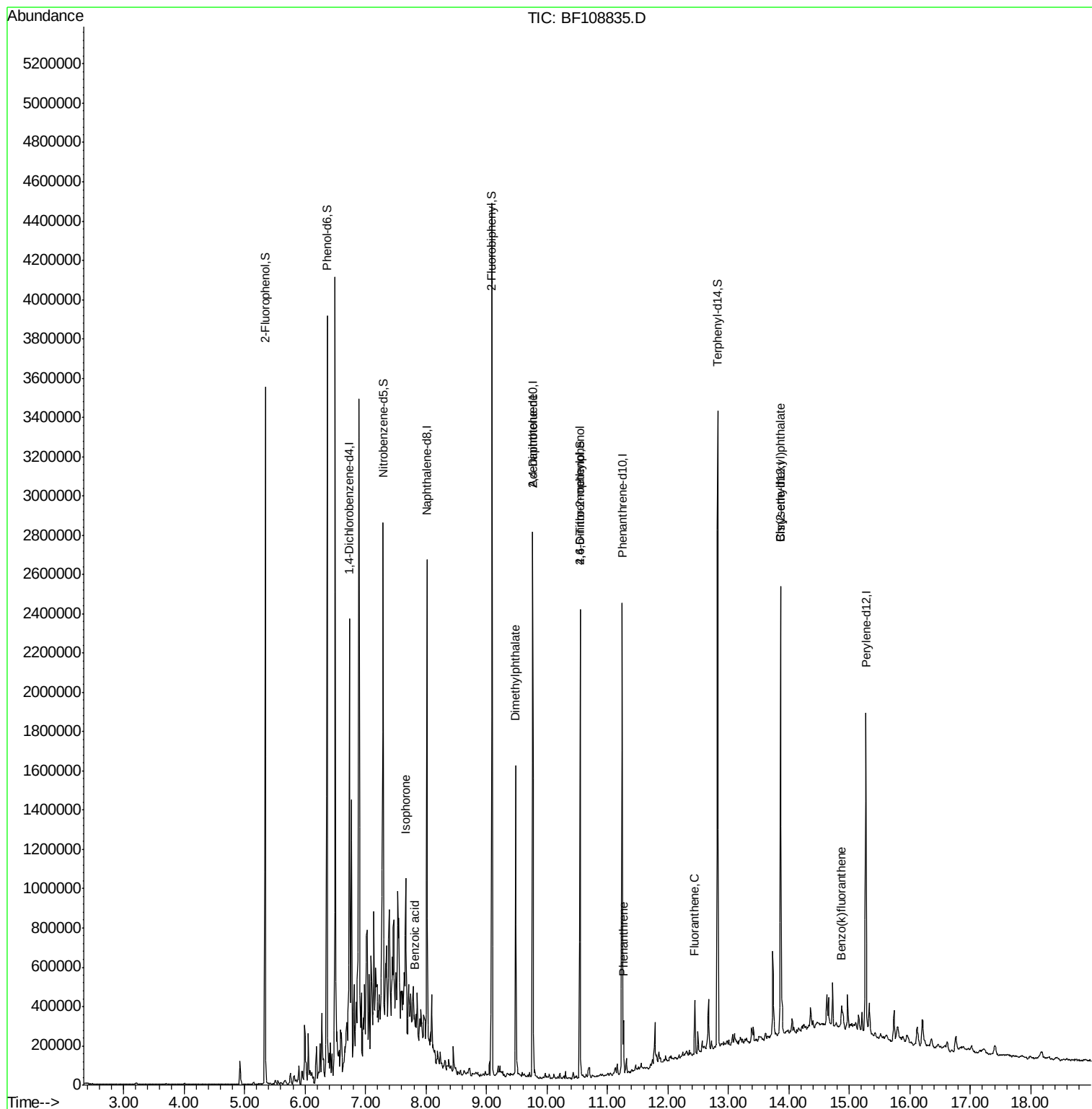
Target Compounds				Qvalue		
25) Isophorone	7.67	82	70933	2.206	ng	# 1
32) Benzoic acid	7.81	122	4756	4.566	ng	# 29
49) Dimethylphthalate	9.48	163	539999	15.836	ng	99
56) 2,4-Dinitrotoluene	9.77	165	62834	7.562	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	488	7.002	ng	# 1
70) Phenanthrene	11.27	178	94575	2.494	ng	98
74) Fluoranthene	12.44	202	103491	2.756	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	88619	3.262	ng	98
88) Benzo(k)fluoranthene	14.87	252	77738	2.165	ng	# 93

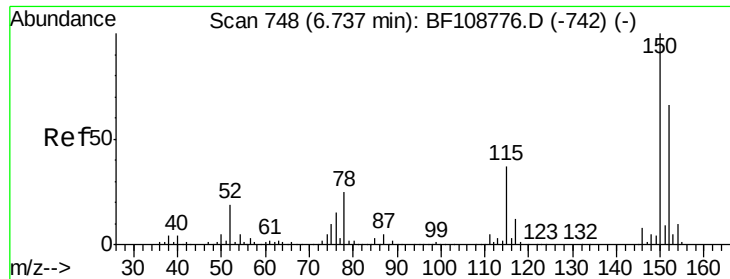
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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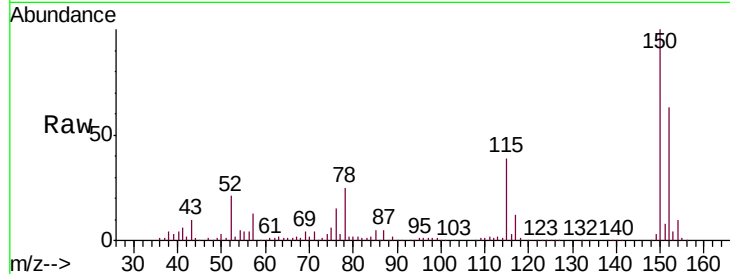


#1

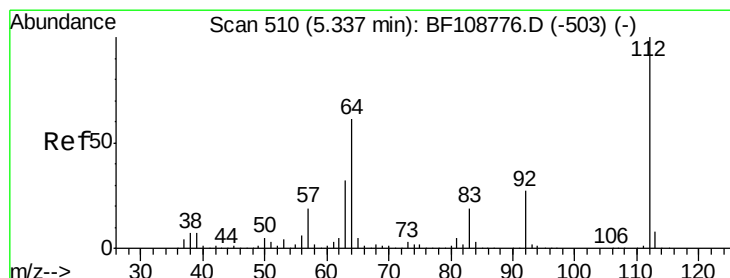
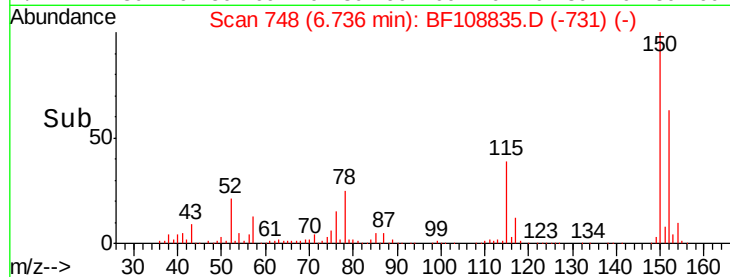
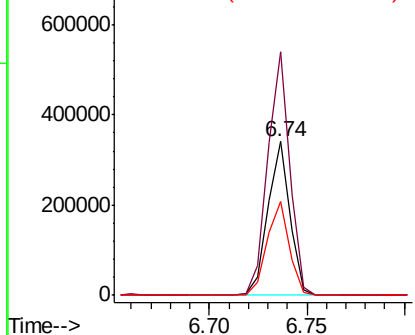
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108835.D
Acq: 6 Sep 2018 20:42

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G6

Tgt Ion:152 Resp: 266332
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 60.9 50.1 75.1



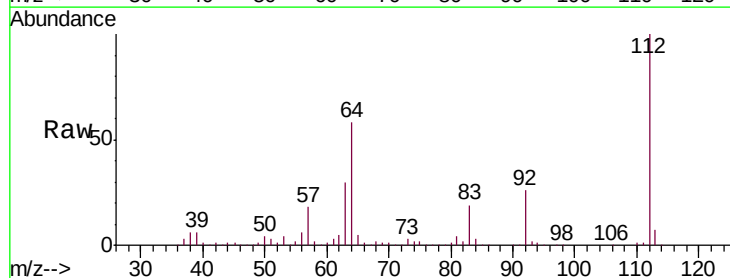
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



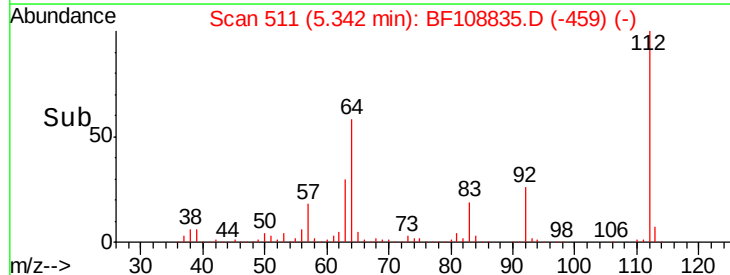
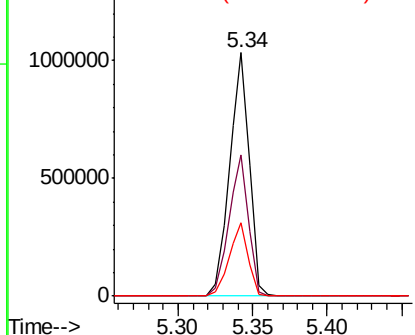
#5

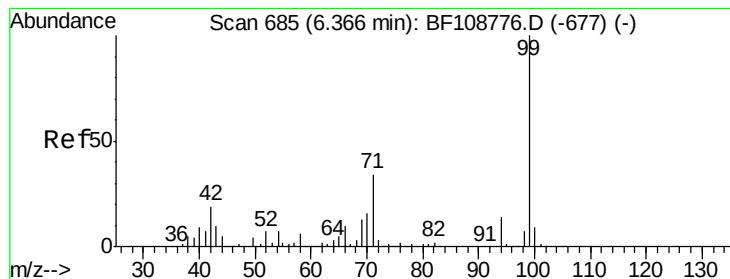
2-Fluorophenol
Concen: 59.800 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108835.D
Acq: 6 Sep 2018 20:42

Tgt Ion:112 Resp: 961366
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 29.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 60.351 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108835.D

Acq: 6 Sep 2018 20:42

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G6

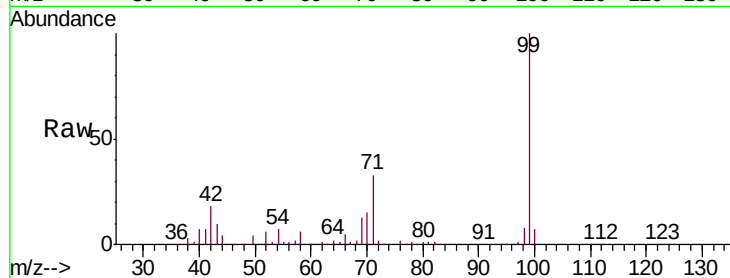
Tgt Ion: 99 Resp: 1248351

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

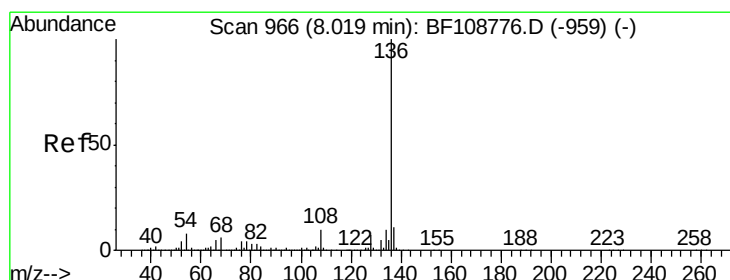
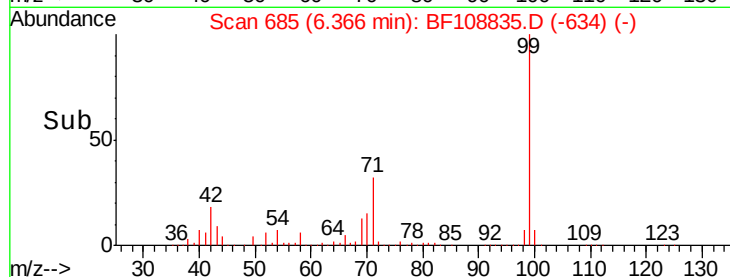
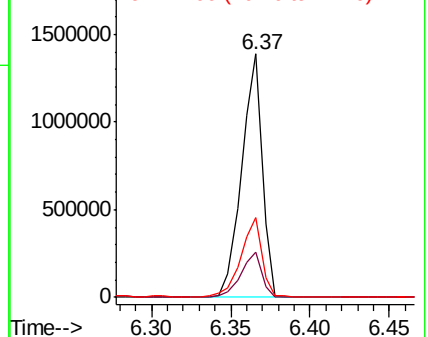
71 32.6 25.4 38.0



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: BF108835.D

Acq: 6 Sep 2018 20:42

Tgt Ion: 136 Resp: 1008767

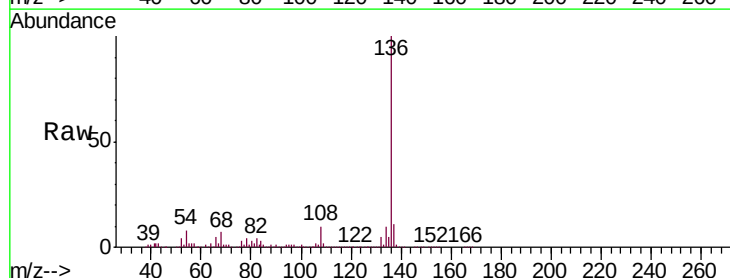
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.6 6.6 9.8

68 6.8 5.0 7.4

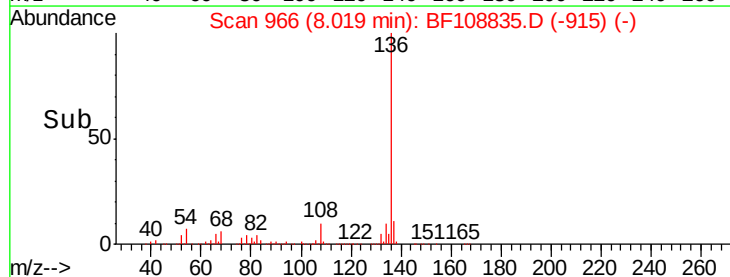
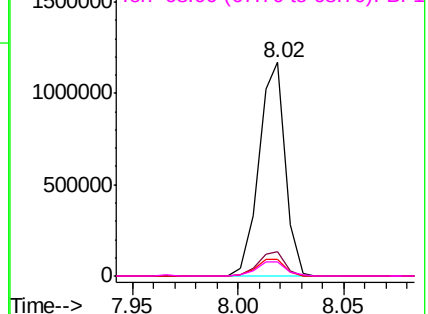


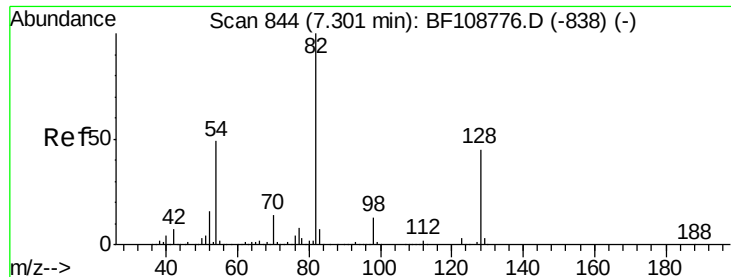
Abundance Ion 136.00 (135.70 to 136.70): E

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

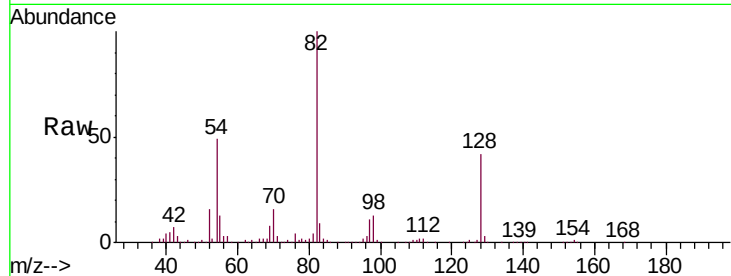




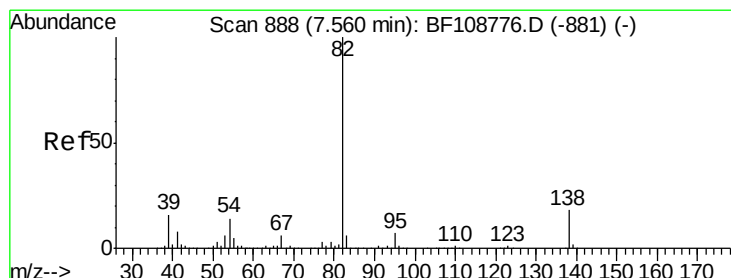
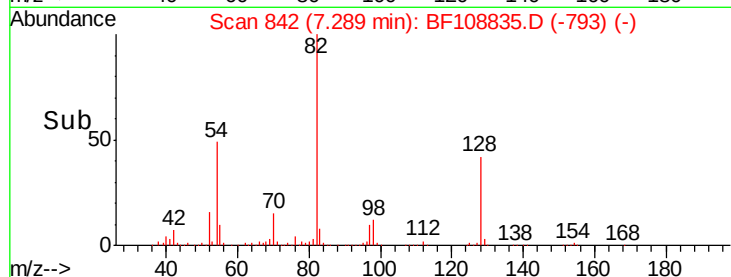
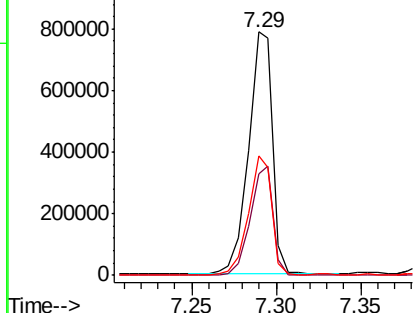
#23
Nitrobenzene-d5
Concen: 48.581 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108835.D
Acq: 6 Sep 2018 20:42

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G6

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	48.9	41.4	62.2

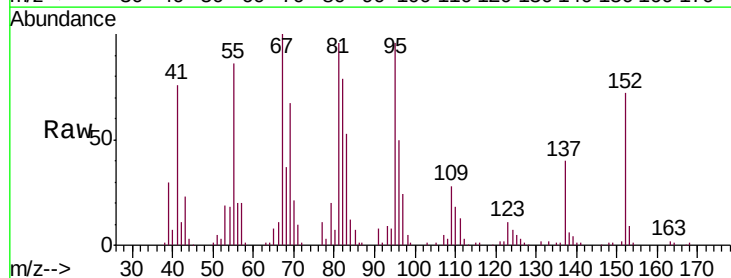


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

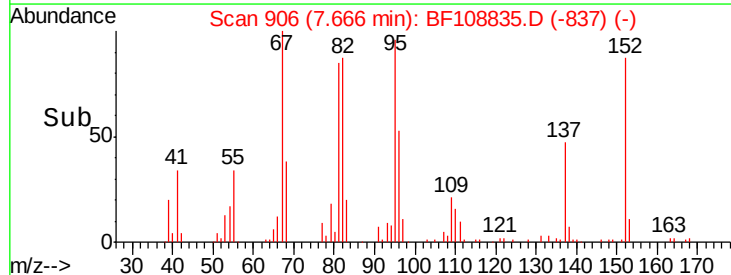
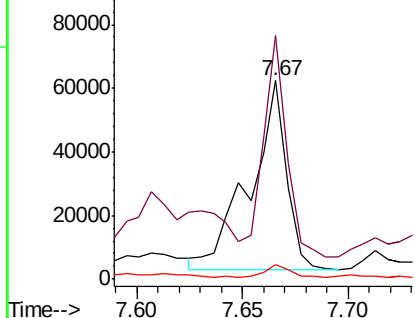


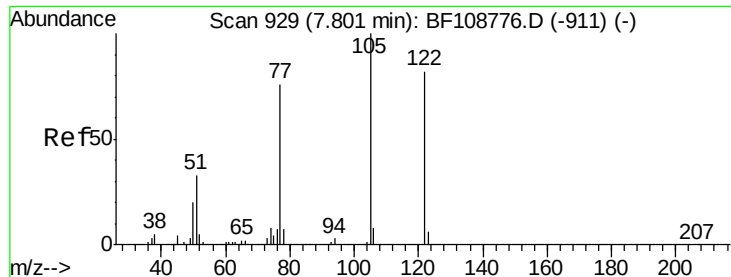
#25
Isophorone
Concen: 2.206 ng
RT: 7.67 min Scan# 906
Delta R.T. 0.11 min
Lab File: BF108835.D
Acq: 6 Sep 2018 20:42

Tgt Ion	Ratio	Lower	Upper
82	100		
95	122.5	5.2	7.8#
138	7.3	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

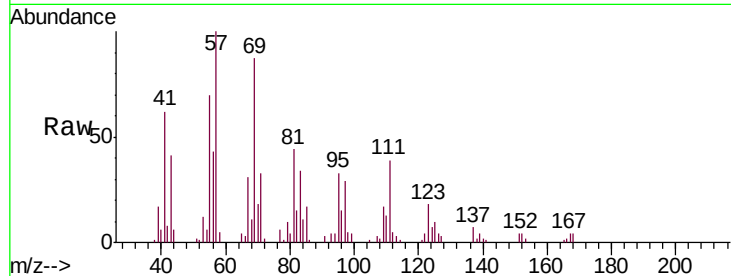




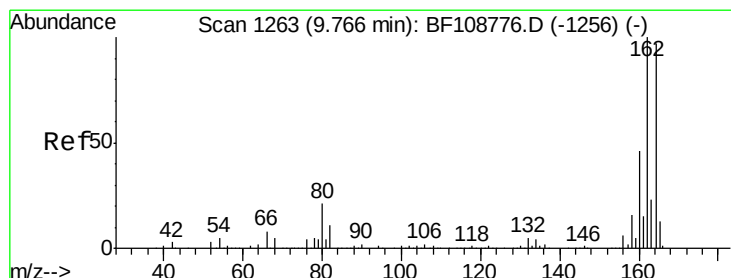
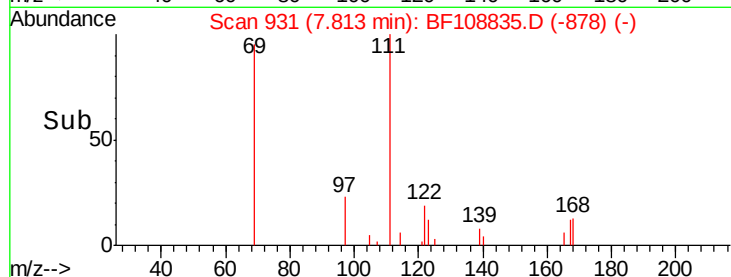
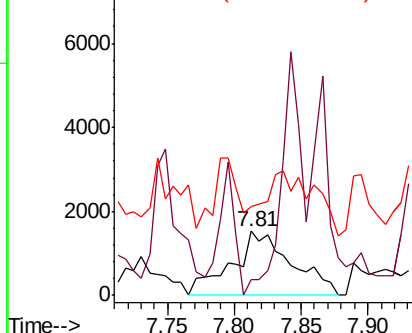
#32
Benzoic acid
Concen: 4.566 ng
RT: 7.81 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF108835.D
Acq: 6 Sep 2018 20:42

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G6

Tgt Ion:122 Resp: 4756
Ion Ratio Lower Upper
122 100
105 24.9 101.1 141.1#
77 138.9 70.7 110.7#

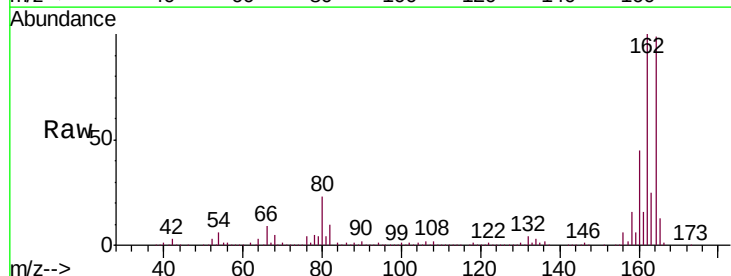


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

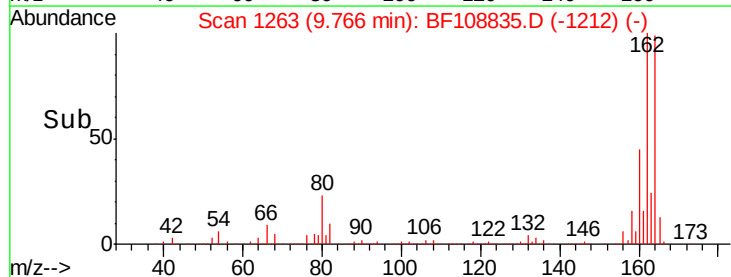
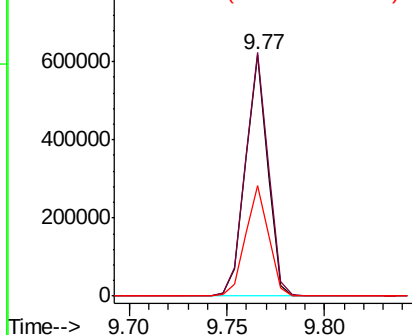


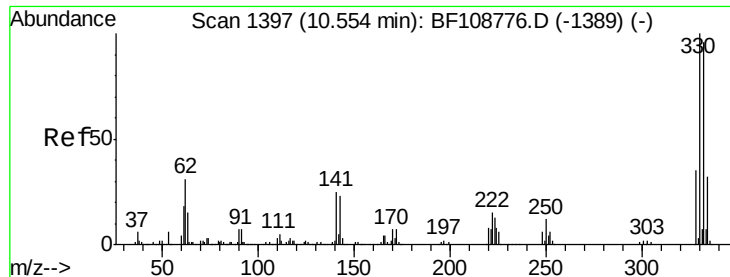
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108835.D
Acq: 6 Sep 2018 20:42

Tgt Ion:164 Resp: 487536
Ion Ratio Lower Upper
164 100
162 100.9 86.1 129.1
160 45.8 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

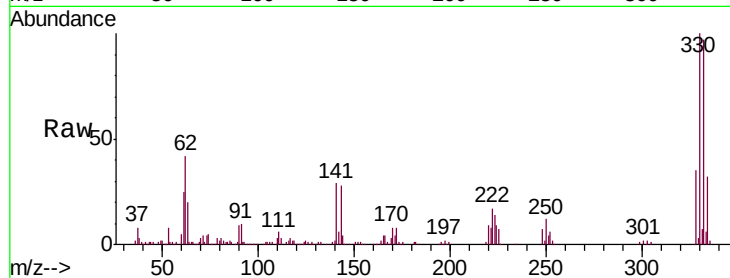




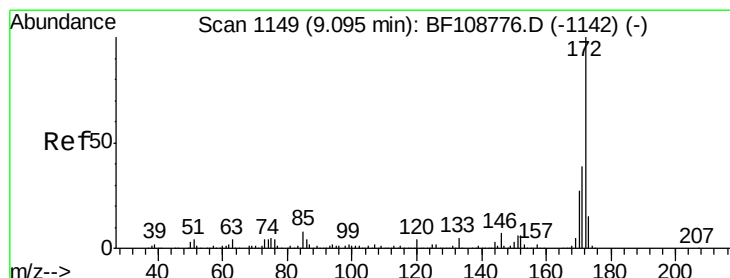
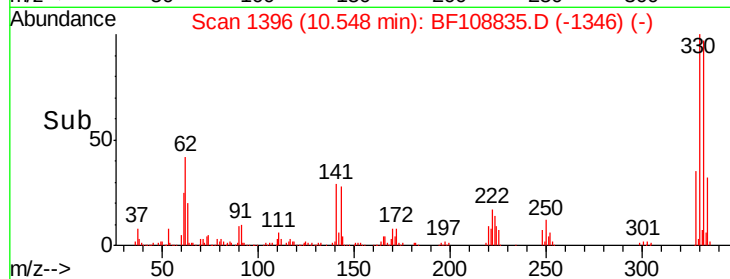
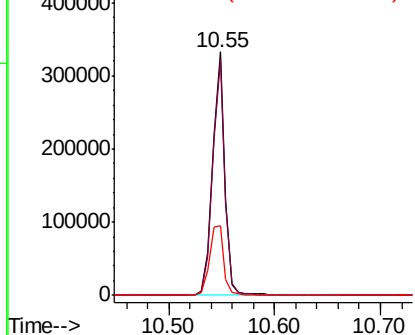
#41
 2,4,6-Tribromophenol
 Concen: 59.229 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108835.D
 Acq: 6 Sep 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G6

Tgt Ion:330 Resp: 275666
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 33.0 29.9 44.9

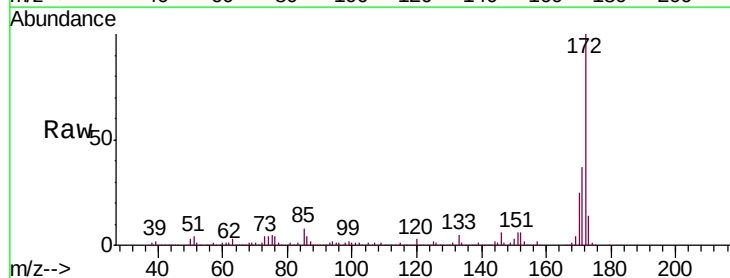


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

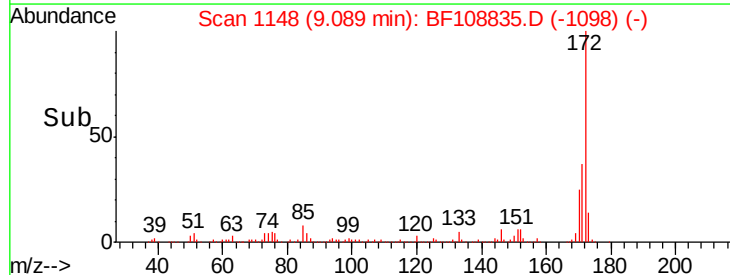
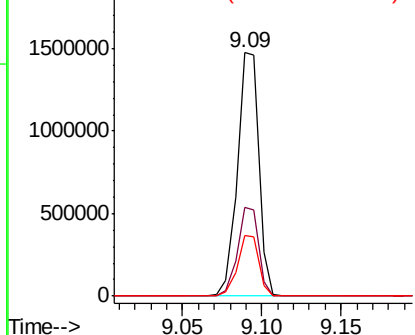


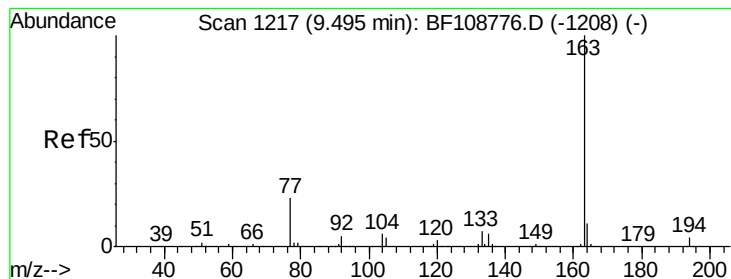
#44
 2-Fluorobiphenyl
 Concen: 48.579 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108835.D
 Acq: 6 Sep 2018 20:42

Tgt Ion:172 Resp: 1388278
 Ion Ratio Lower Upper
 172 100
 171 36.5 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





#49

Dimethylphthalate

Concen: 15.836 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108835.D

Acq: 6 Sep 2018 20:42

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G6

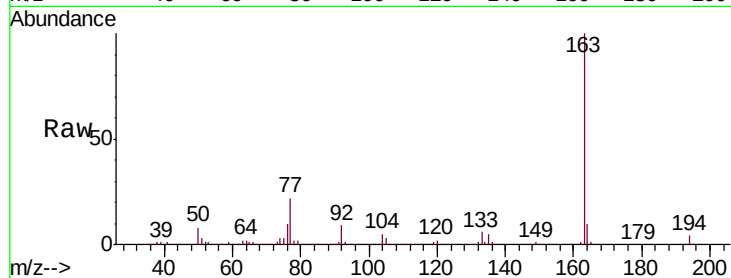
Tgt Ion:163 Resp: 539999

Ion Ratio Lower Upper

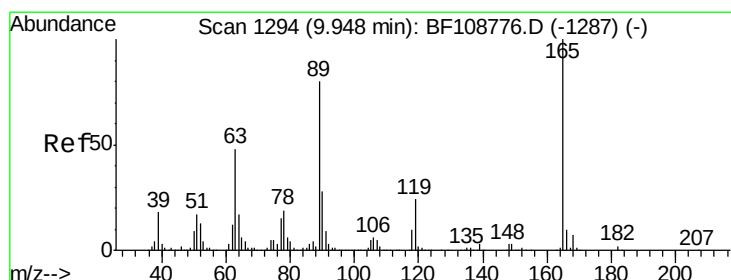
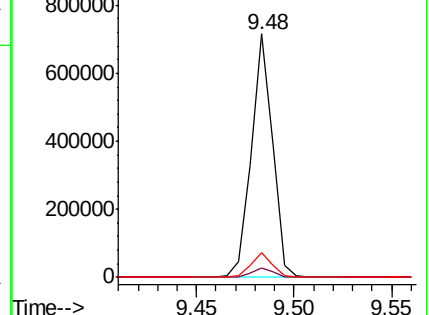
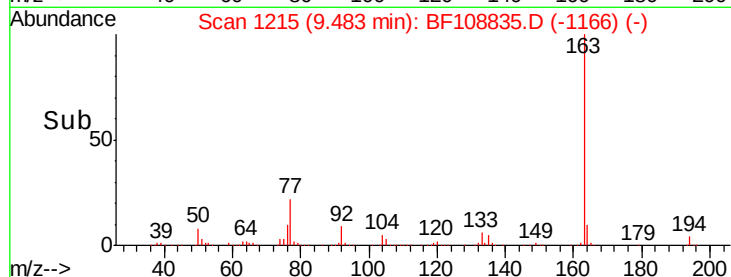
163 100

194 3.7 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



#56

2,4-Dinitrotoluene

Concen: 7.562 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.18 min

Lab File: BF108835.D

Acq: 6 Sep 2018 20:42

Tgt Ion:165 Resp: 62834

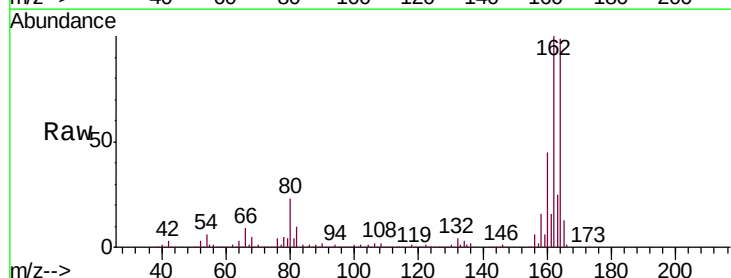
Ion Ratio Lower Upper

165 100

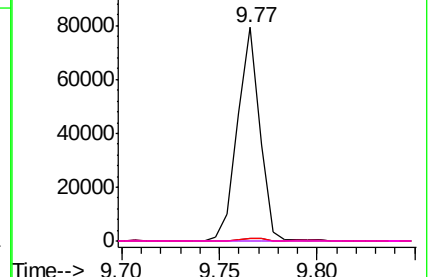
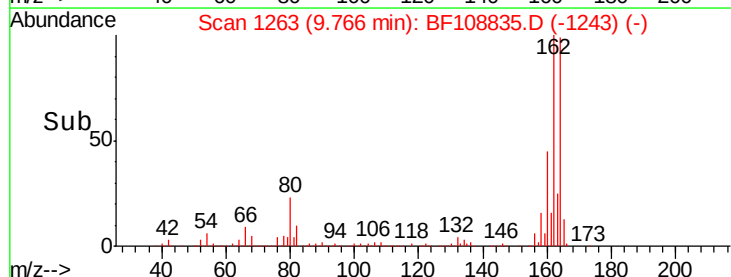
63 1.3 36.4 54.6#

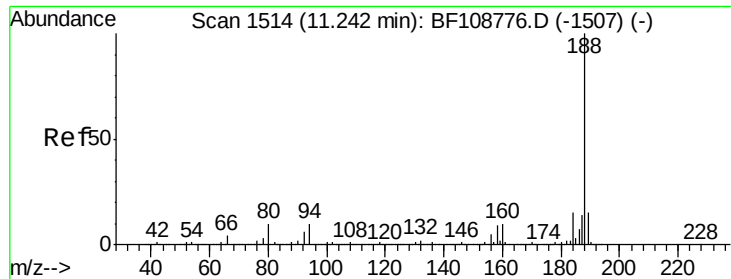
89 1.0 57.8 86.6#

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

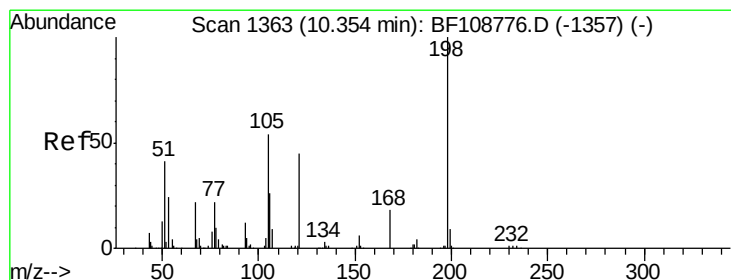
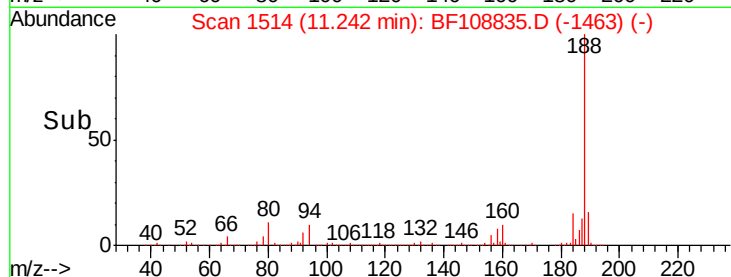
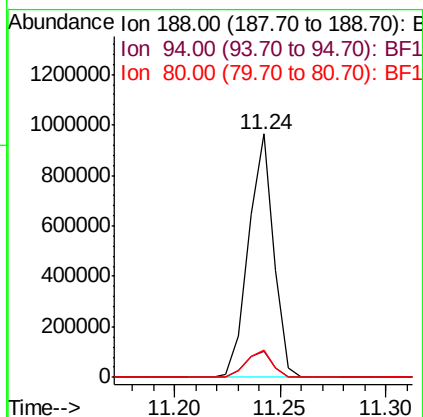
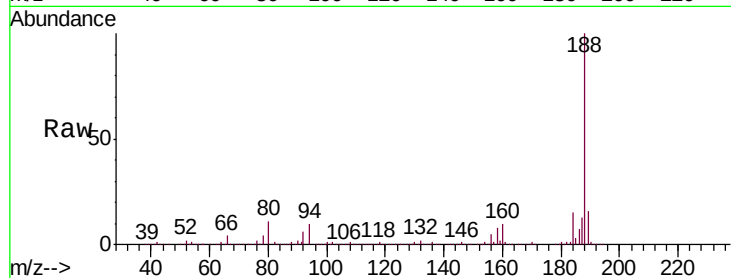




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108835.D
Acq: 6 Sep 2018 20:42

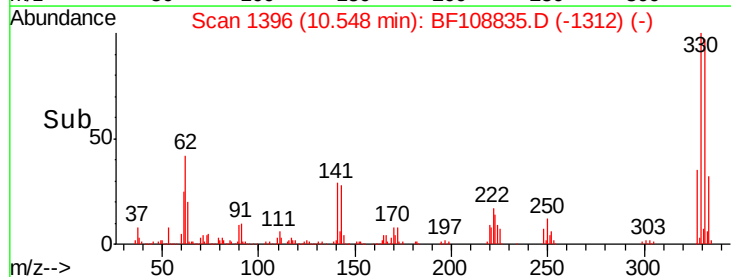
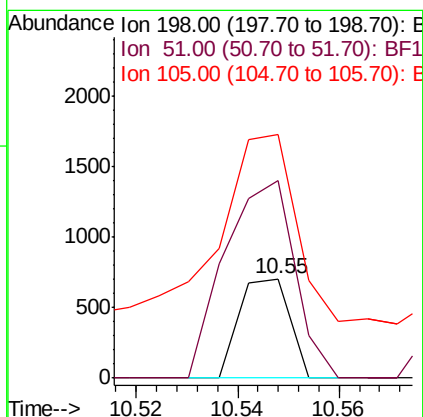
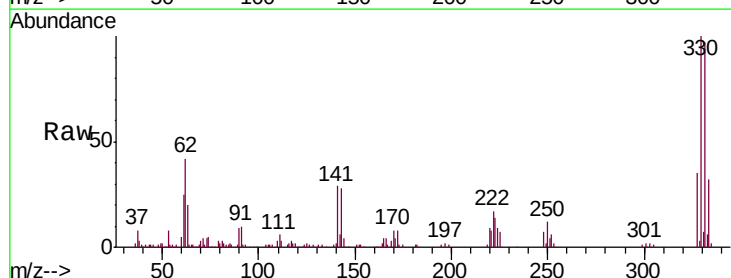
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G6

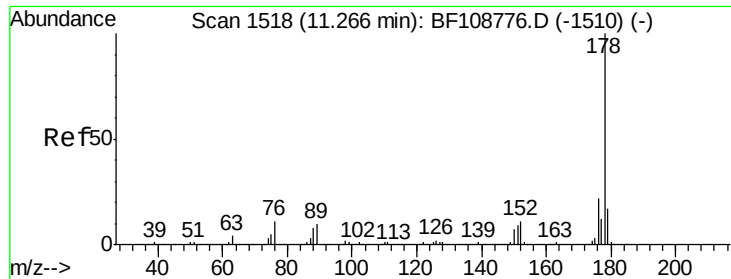
Tgt Ion:188 Resp: 794128
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.002 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108835.D
Acq: 6 Sep 2018 20:42

Tgt Ion:198 Resp: 488
Ion Ratio Lower Upper
198 100
51 198.9 37.7 77.7#
105 245.6 36.3 76.3#

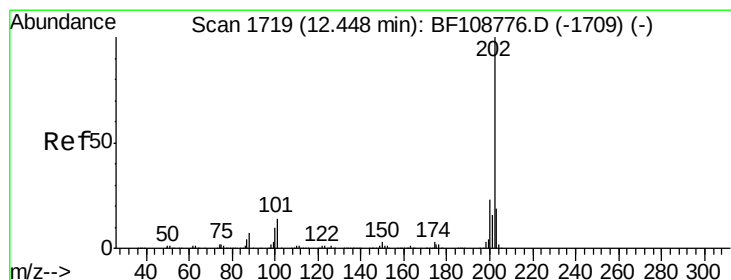
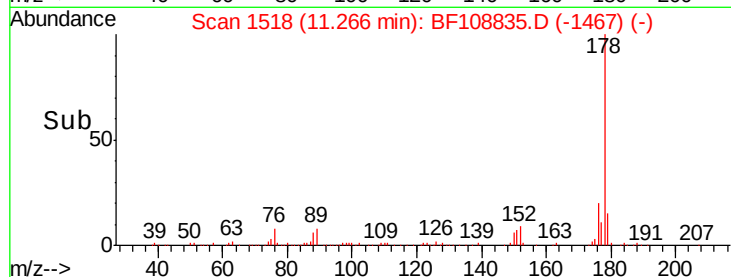
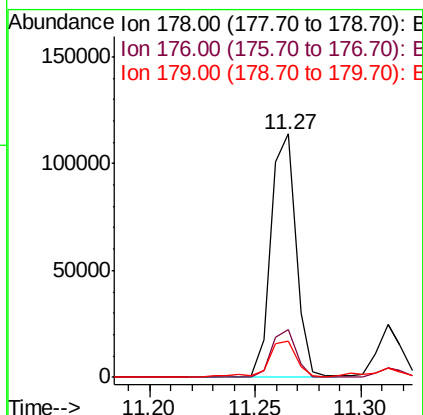
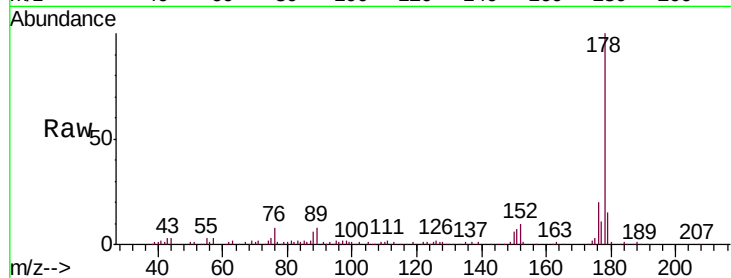




#70
Phenanthrene
Concen: 2.494 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108835.D
Acq: 6 Sep 2018 20:42

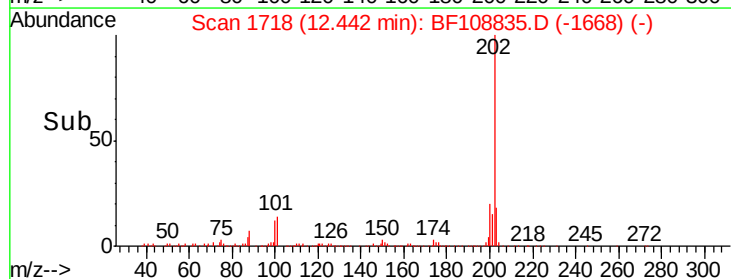
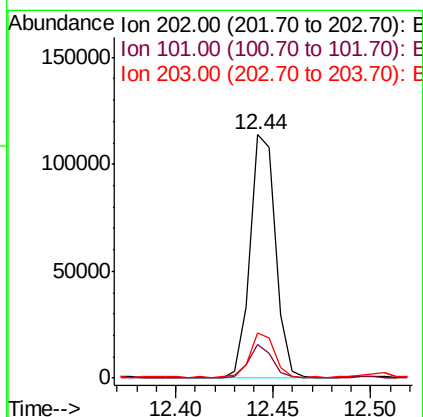
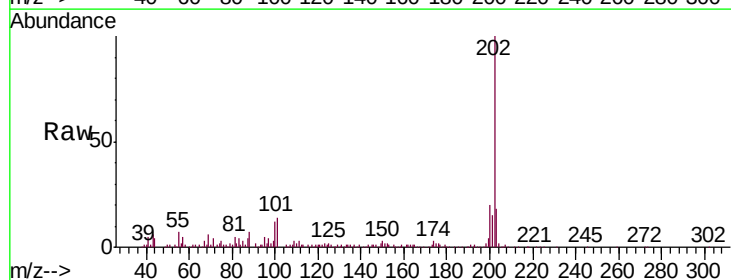
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G6

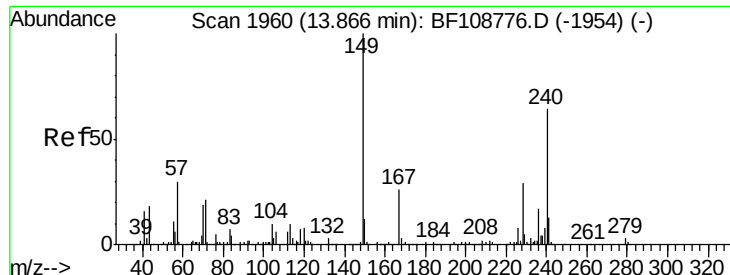
Tgt Ion:178 Resp: 94575
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 14.8 13.0 19.6



#74
Fluoranthene
Concen: 2.756 ng
RT: 12.44 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BF108835.D
Acq: 6 Sep 2018 20:42

Tgt Ion:202 Resp: 103491
Ion Ratio Lower Upper
202 100
101 13.6 0.0 34.1
203 18.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108835.D

Acq: 6 Sep 2018 20:42

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G6

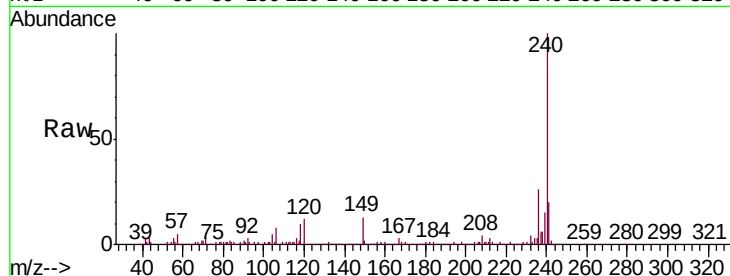
Tgt Ion:240 Resp: 623901

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

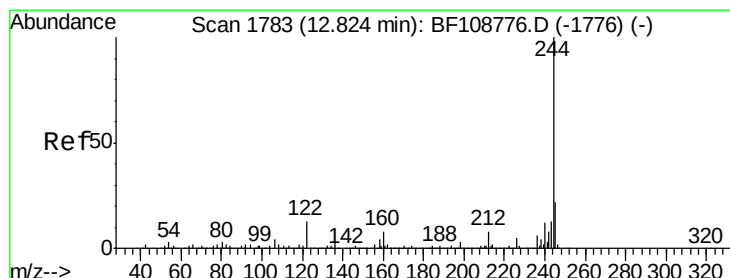
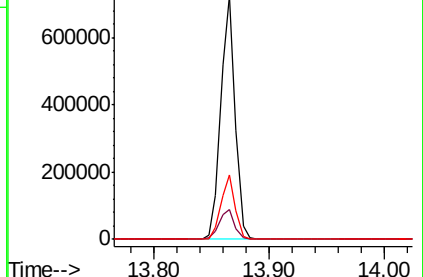
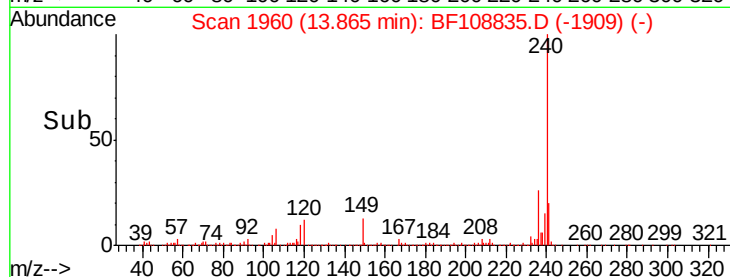
236 26.2 20.7 31.1



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



#78

Terphenyl-d14

Concen: 39.644 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108835.D

Acq: 6 Sep 2018 20:42

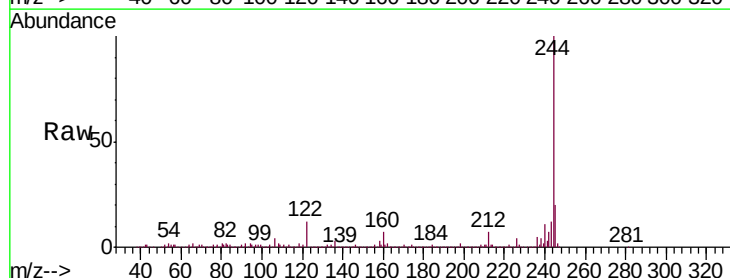
Tgt Ion:244 Resp: 1060677

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

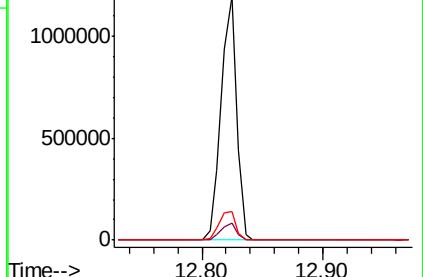
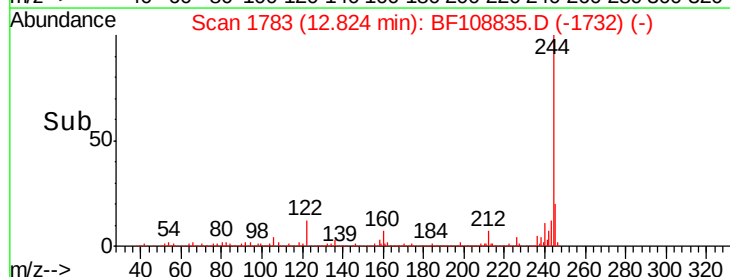
122 12.0 11.0 16.4

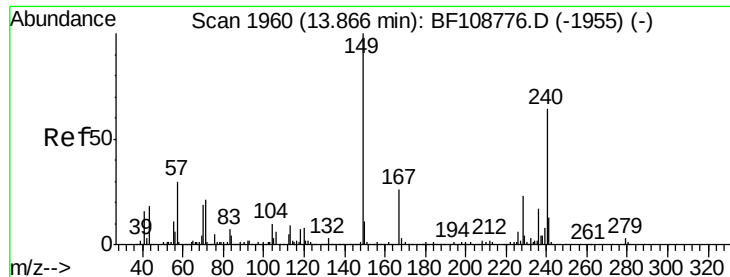


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

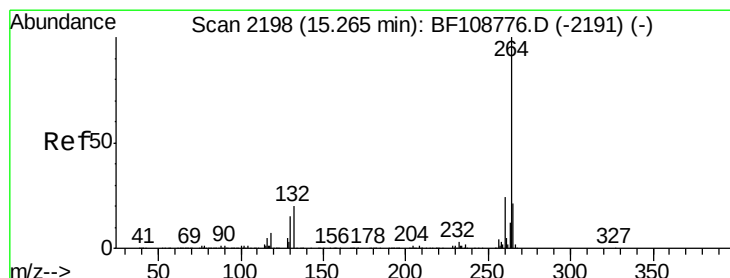
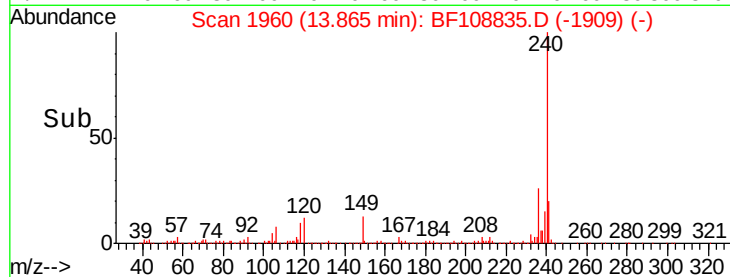
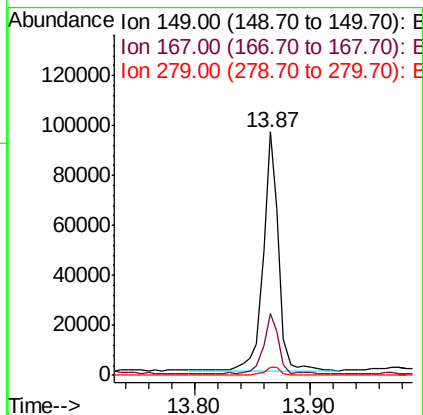
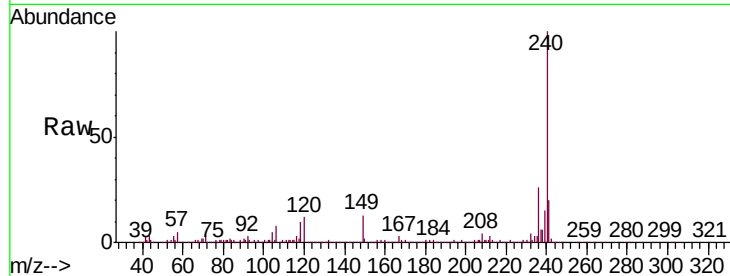




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.262 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108835.D
 Acq: 6 Sep 2018 20:42

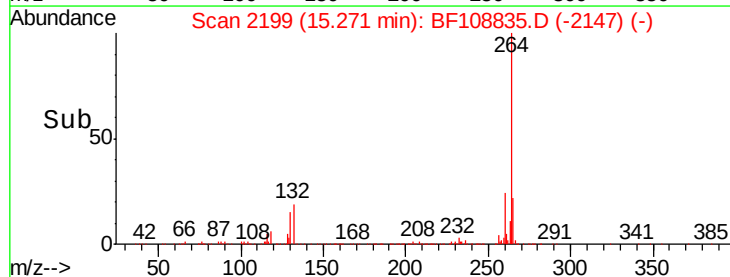
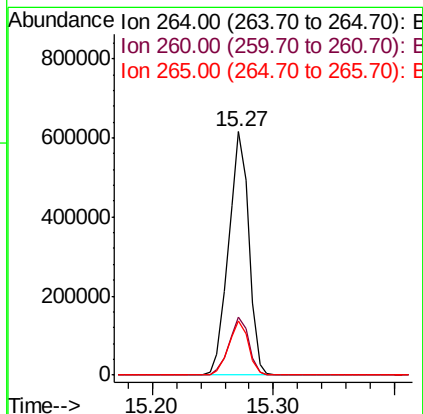
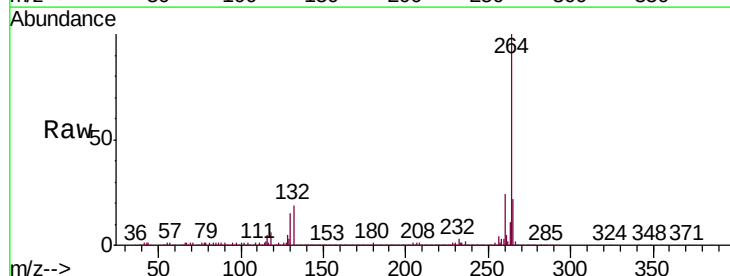
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G6

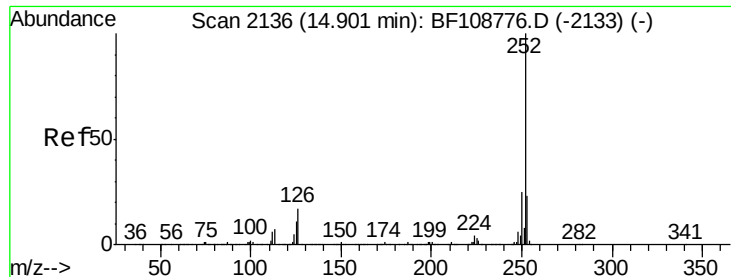
Tgt Ion:	149	Resp:	88619
Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.3	31.9
279	3.2	3.0	4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108835.D
 Acq: 6 Sep 2018 20:42

Tgt Ion:	264	Resp:	717126
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.5	26.3





#88

Benzo(k)fluoranthene

Concen: 2.165 ng

RT: 14.87 min Scan# 2131

Delta R.T. -0.03 min

Lab File: BF108835.D

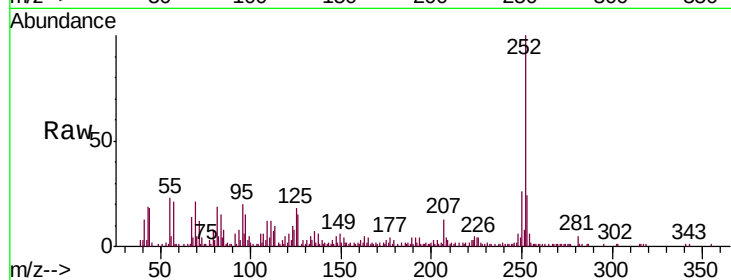
Acq: 6 Sep 2018 20:42

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G6



Tgt Ion:	252	Resp:	77738
Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	18.2	10.2	15.2#

