

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 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 02:13:10 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

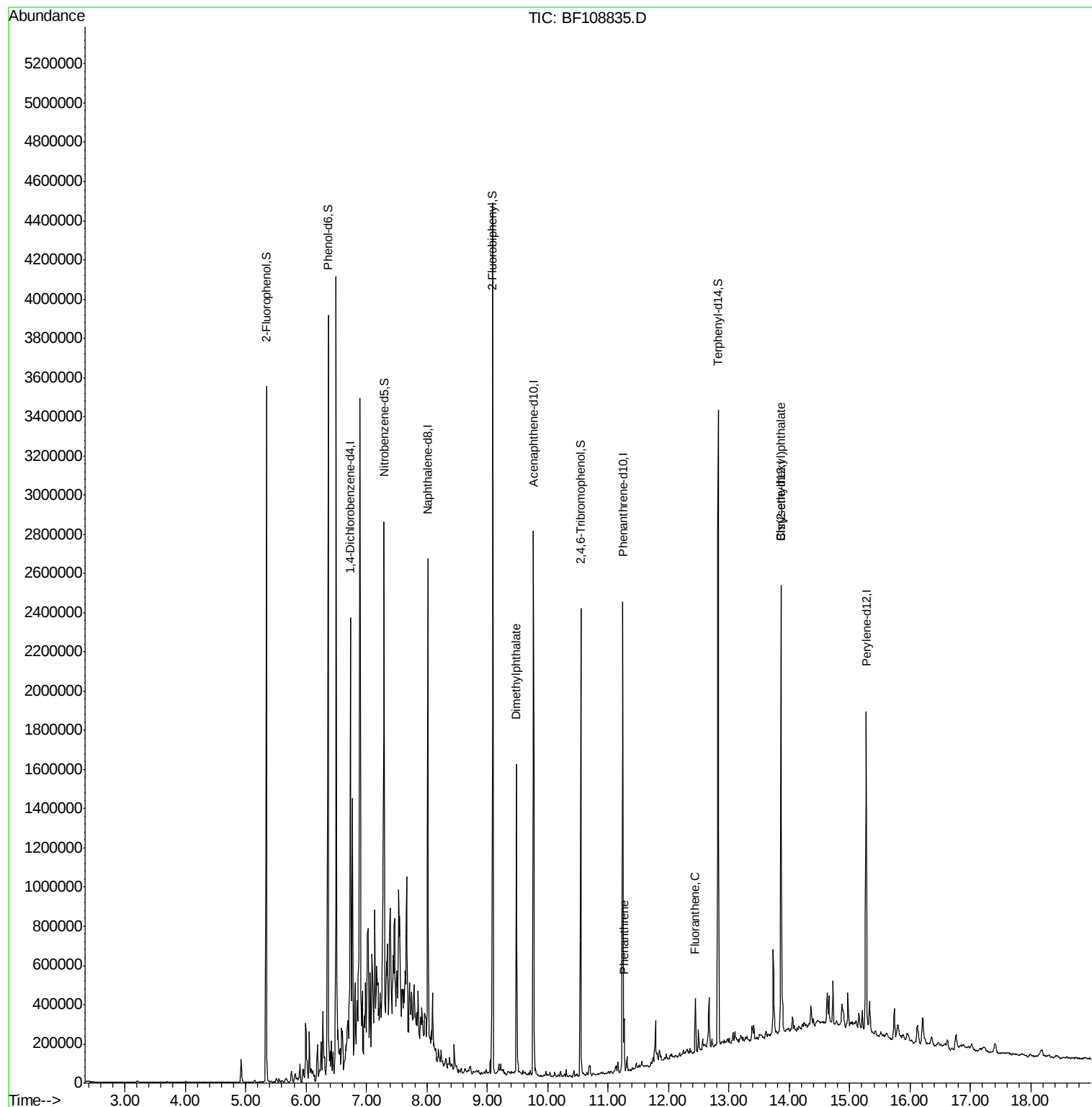
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	266332	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1008767	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	487536	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	794128	20.00	ng	0.00
75) Chrysene-d12	13.87	240	623901	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						
49) Dimethylphthalate	9.48	163	539999	15.836	ng	99
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

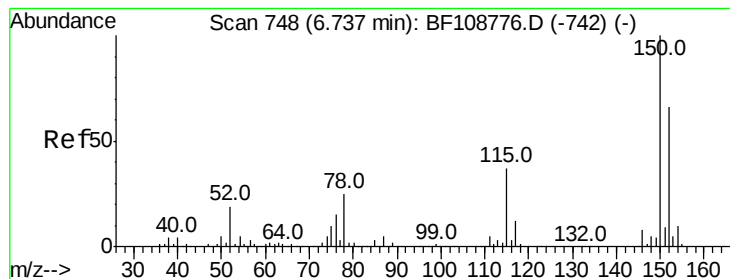
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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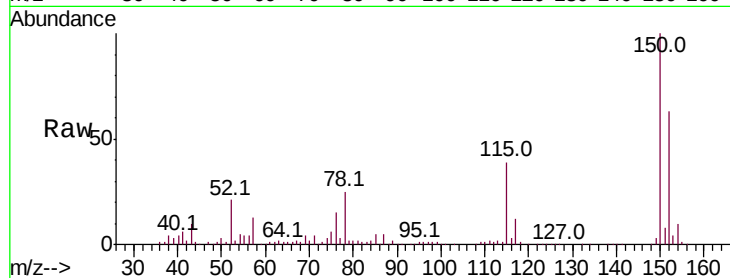


#1

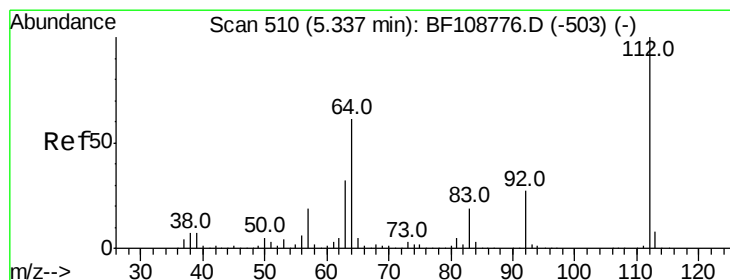
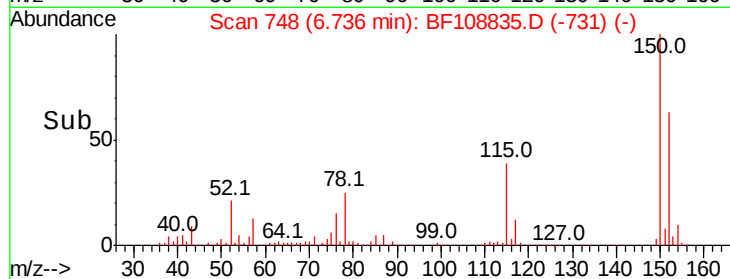
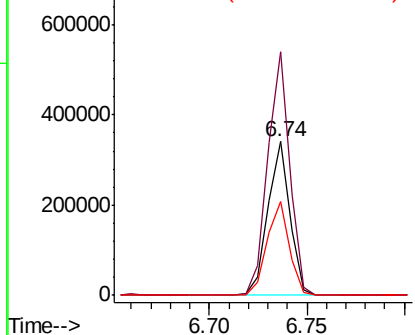
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108835.D
 Acq: 6 Sep 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G6

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



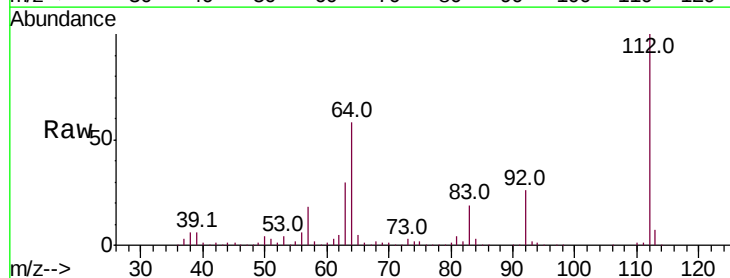
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



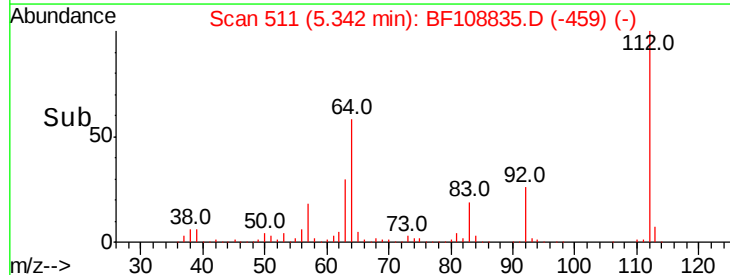
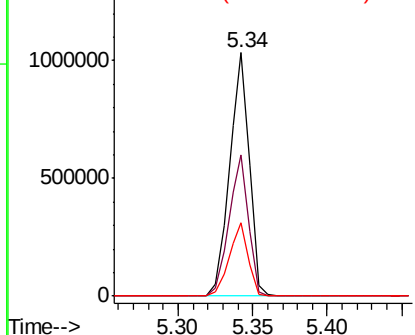
#5

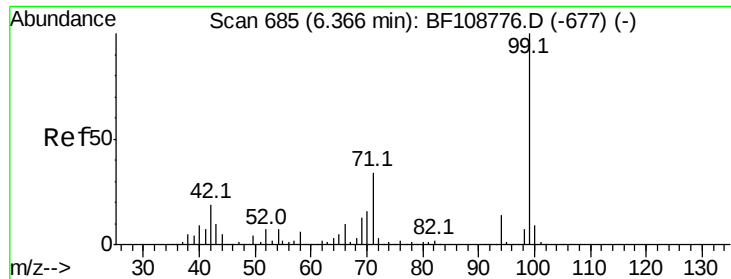
2-Fluorophenol
 Concen: 59.800 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108835.D
 Acq: 6 Sep 2018 20:42

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

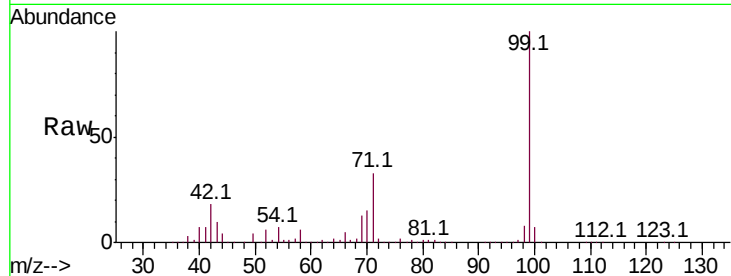
Tot Ion: 99 Resp: 1248351

Ion Ratio Lower Upper

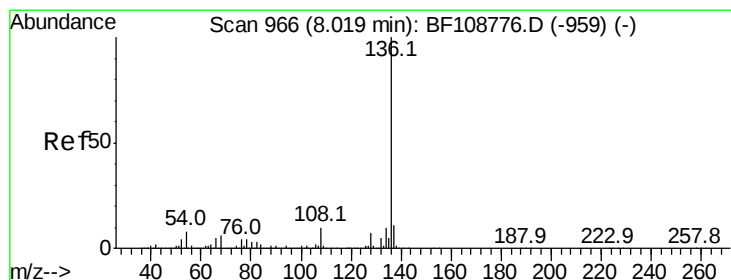
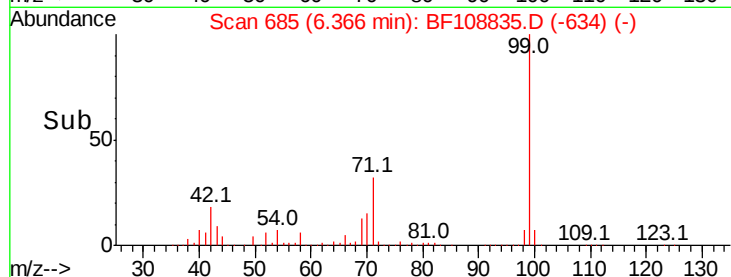
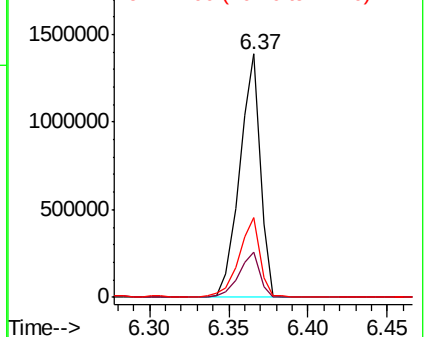
99 100

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

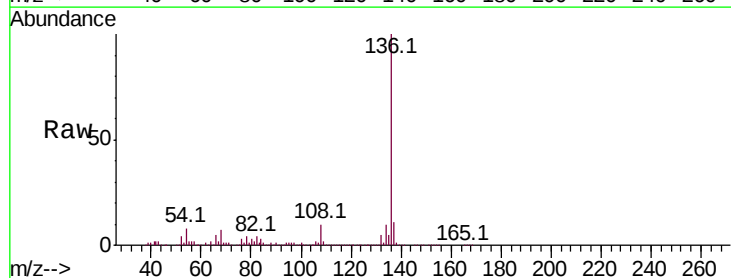
Ion Ratio Lower Upper

136 100

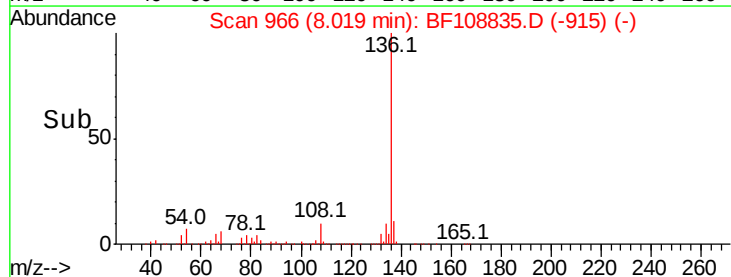
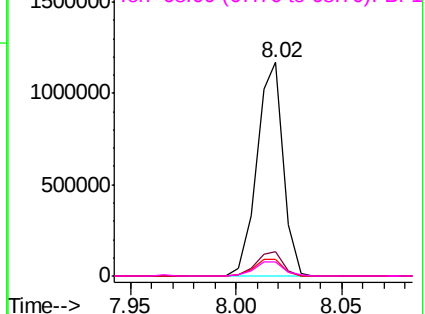
137 11.3 8.9 13.3

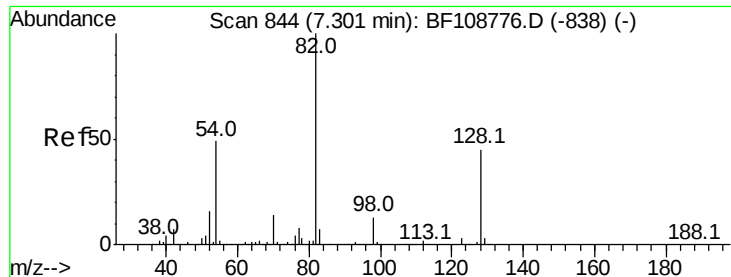
54 7.6 6.6 9.8

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

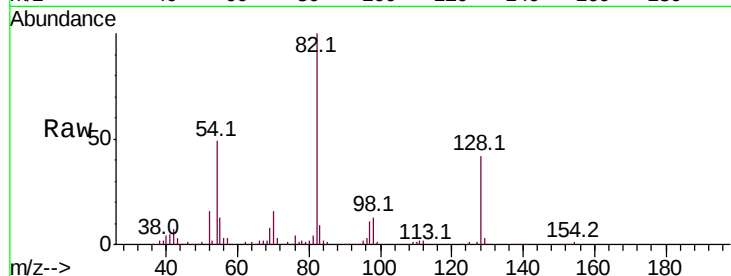




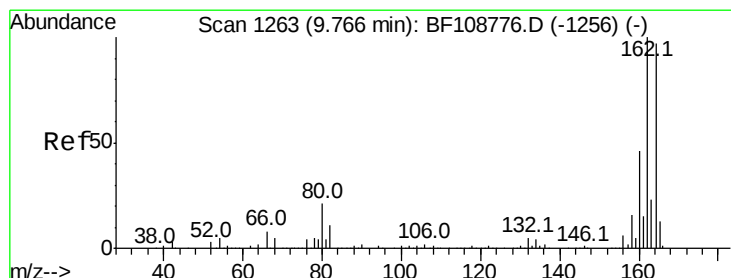
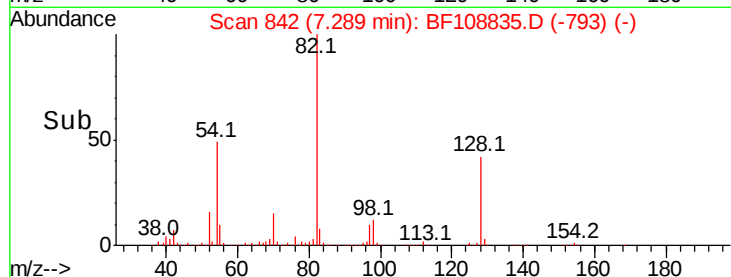
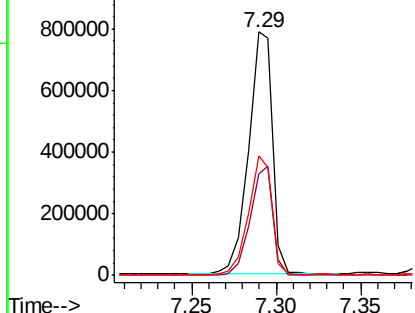
#23
 Nitrobenzene-d5
 Concen: 48.581 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108835.D
 Acq: 6 Sep 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G6

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

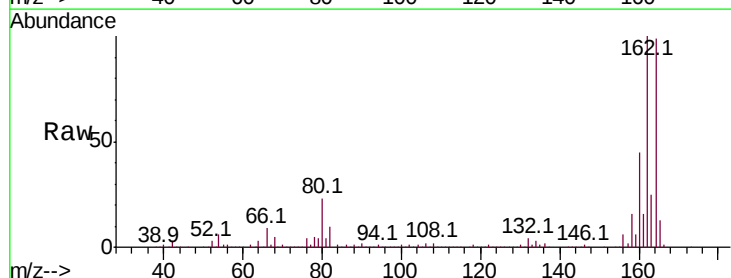


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

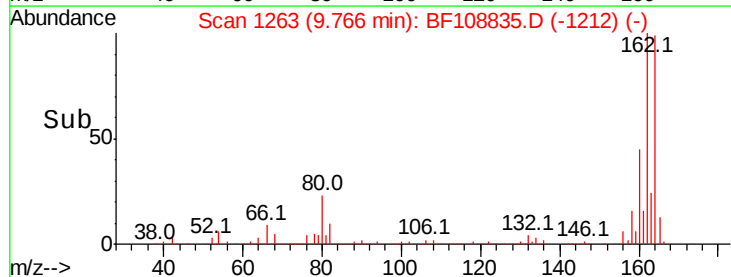
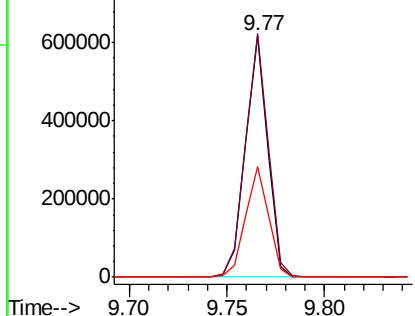


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108835.D
 Acq: 6 Sep 2018 20:42

Tgt Ion	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): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

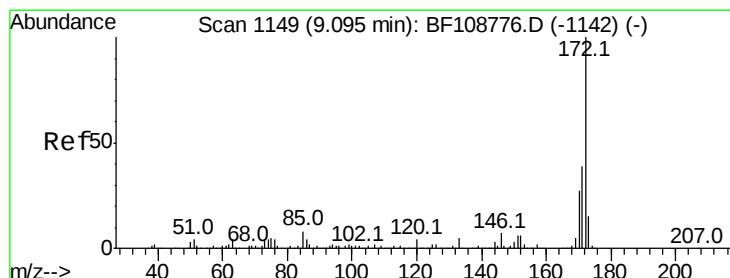
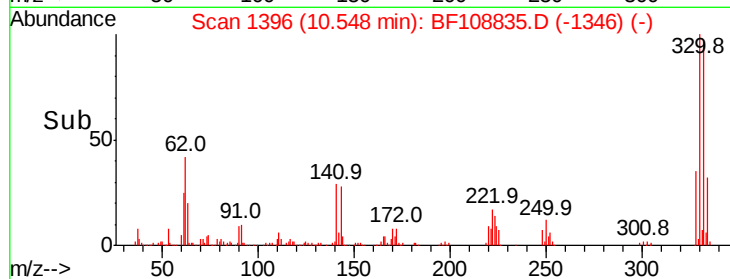
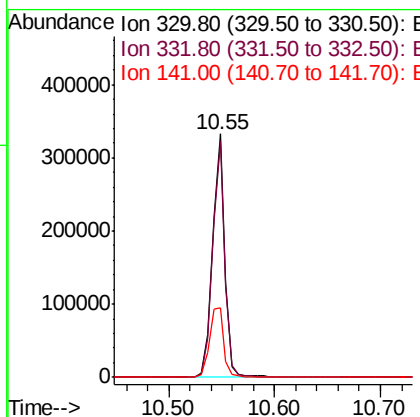
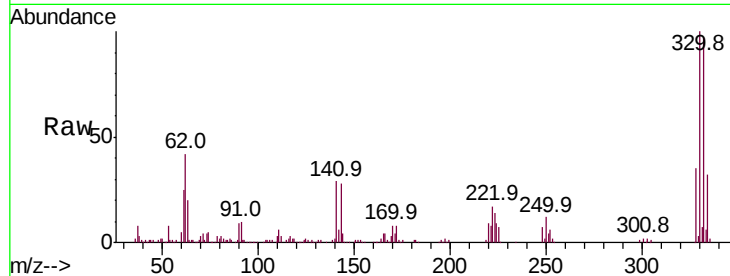




#41
 2,4,6-Tribromophenol
 Concen: 59.229 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108835.D
 Acq: 6 Sep 2018 20:42

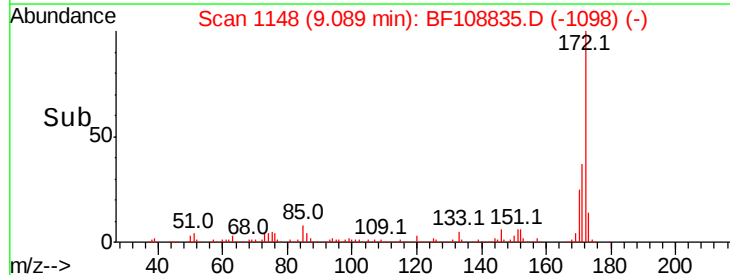
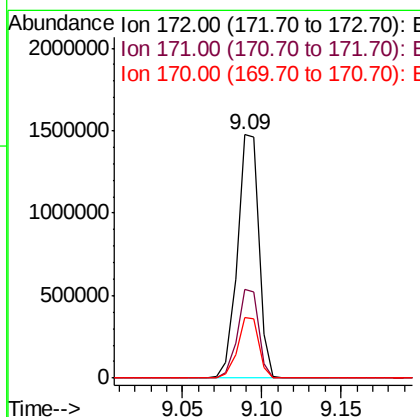
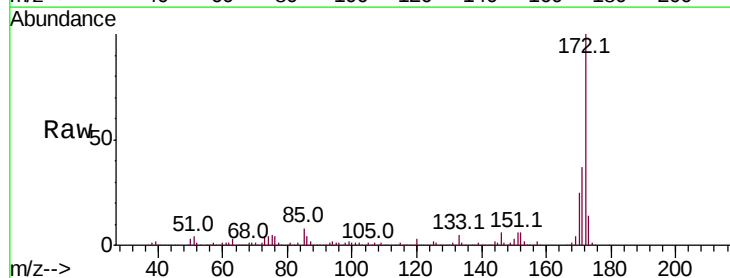
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G6

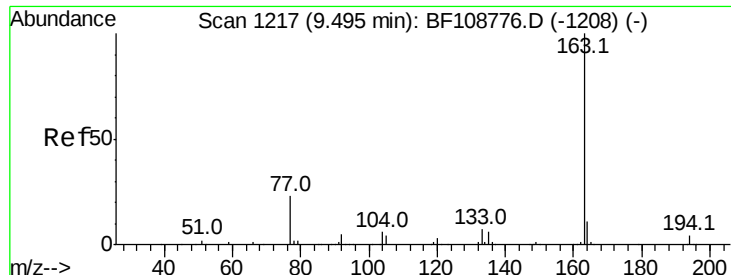
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.0	29.9	44.9



#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	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.8	19.6	29.4

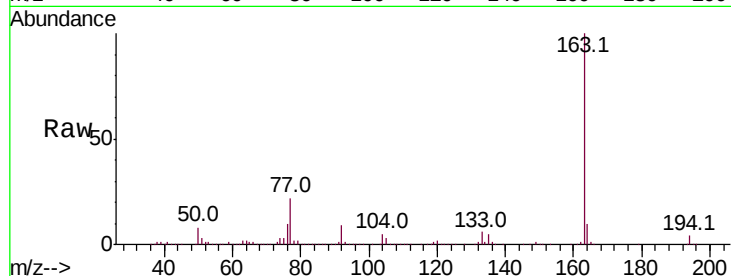




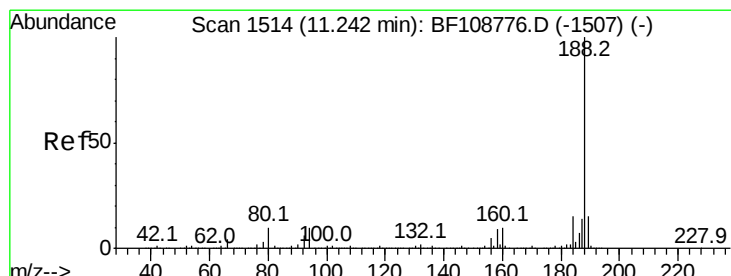
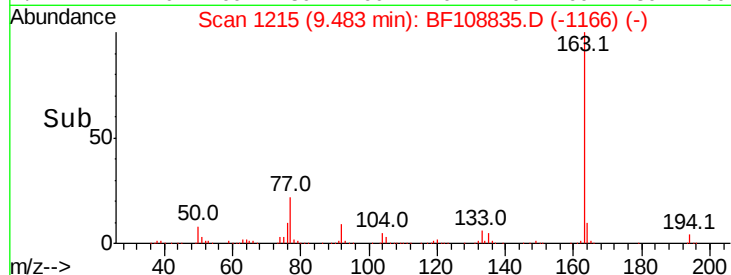
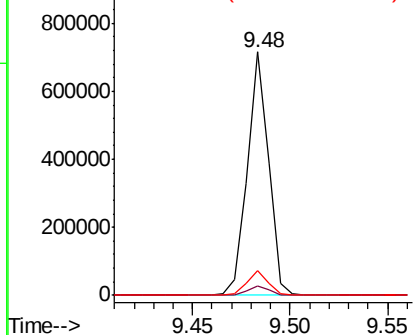
#49
Dimethylphthalate
Concen: 15.836 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108835.D
Acq: 6 Sep 2018 20:42

Instrument :
BNA_F
ClientSampled :
EP1-Q2-G6

Tot Ion:163 Resp: 539999
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2

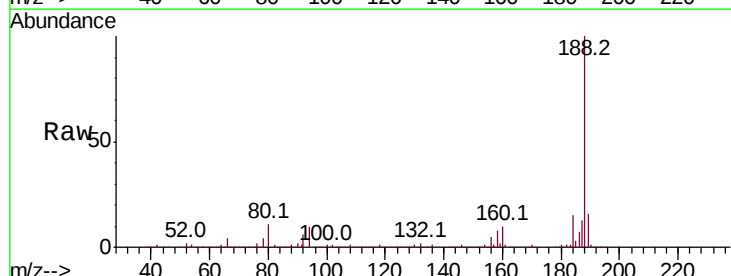


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

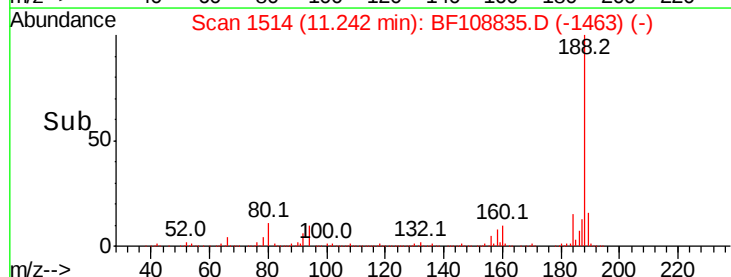
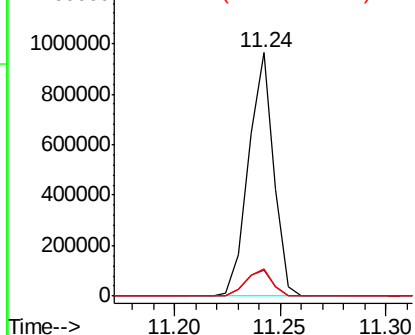


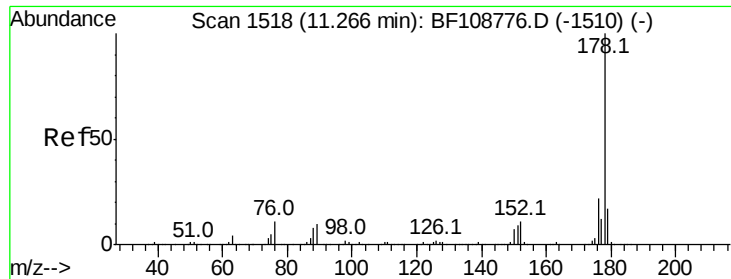
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108835.D
Acq: 6 Sep 2018 20:42

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



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





#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

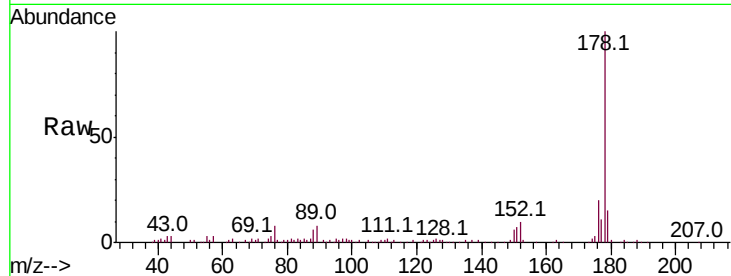
Tot Ion:178 Resp: 94575

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

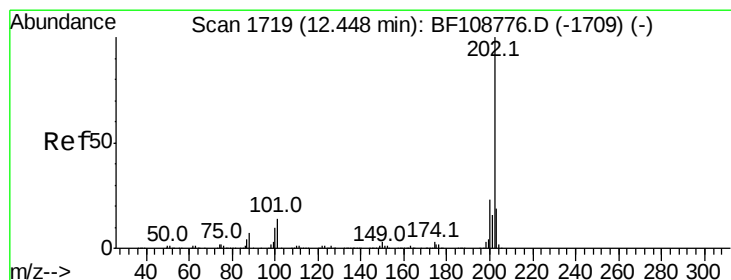
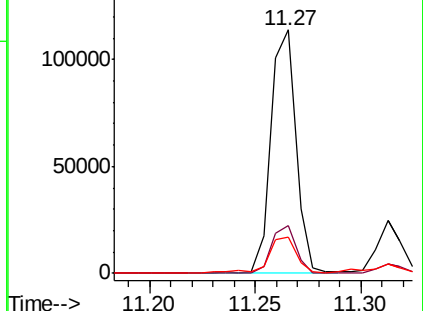
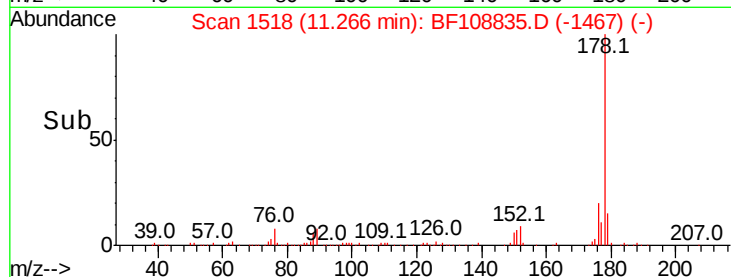
179 14.8 13.0 19.6



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



#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

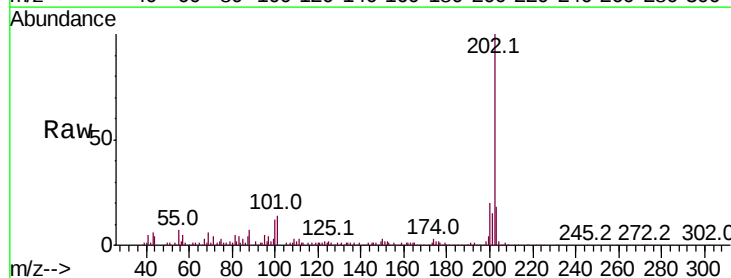
Tgt Ion:202 Resp: 103491

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

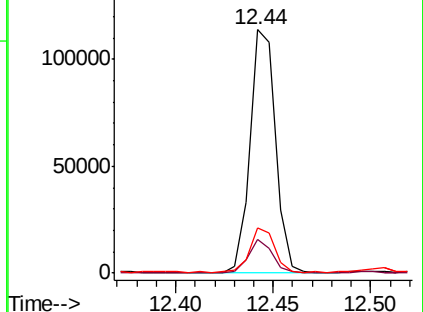
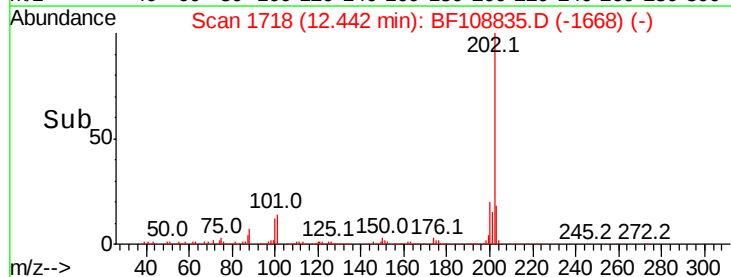
203 18.5 0.0 38.1

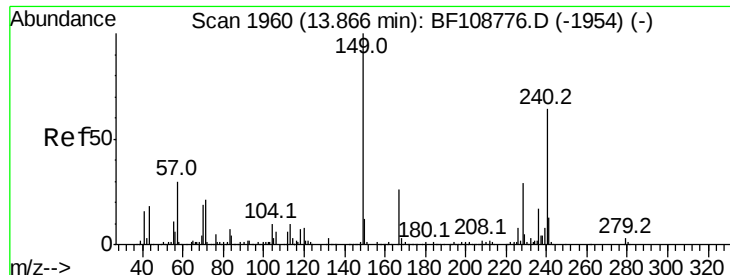


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF108835.D

Acq: 6 Sep 2018 20:42

Instrument :

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ClientSampleId :

EP1-Q2-G6

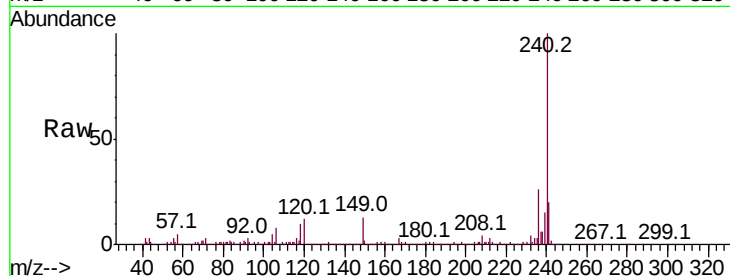
Tot Ion:240 Resp: 623901

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

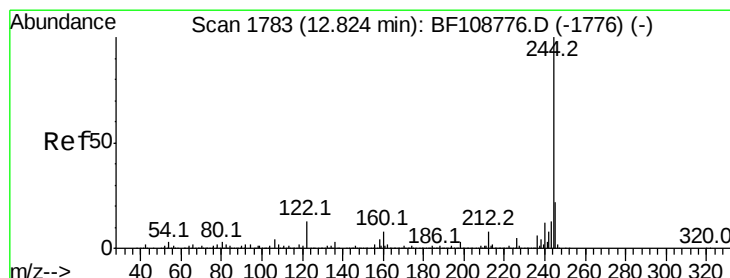
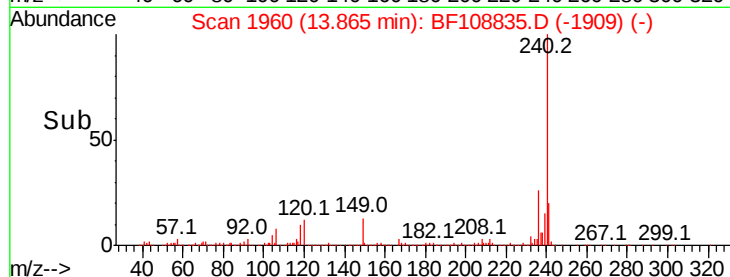
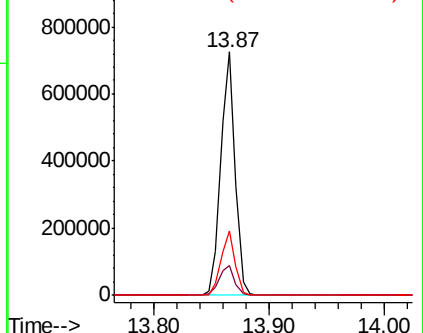
236 26.2 20.7 31.1



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

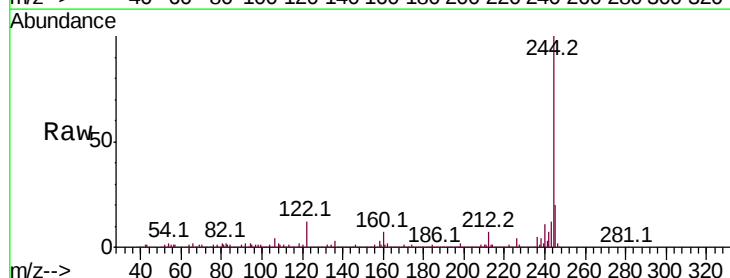
Tgt Ion:244 Resp: 1060677

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

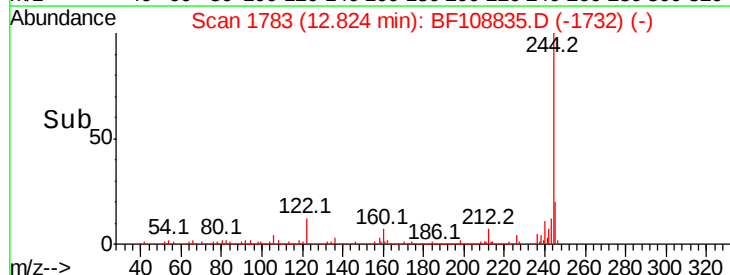
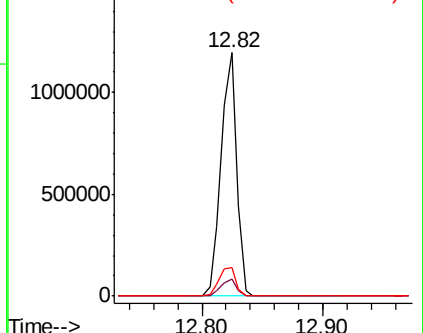
122 12.0 11.0 16.4

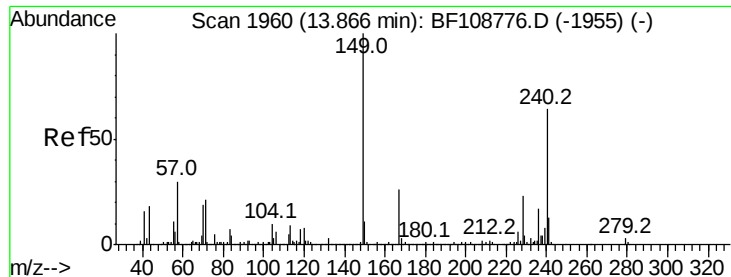


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

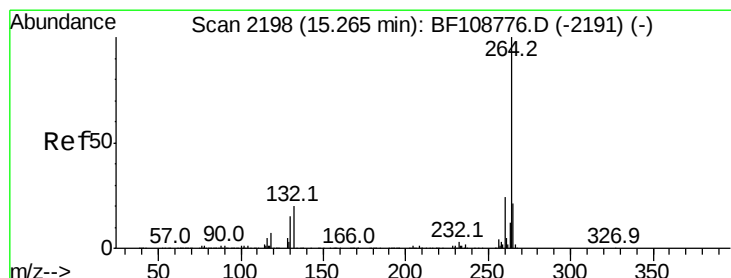
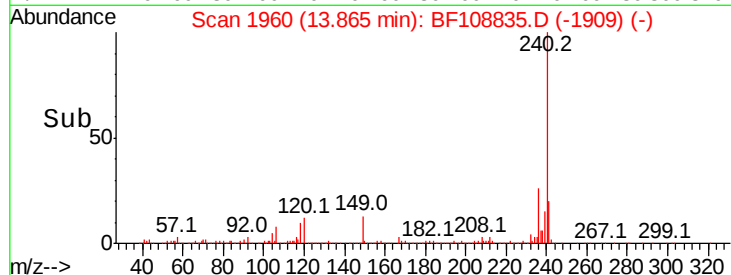
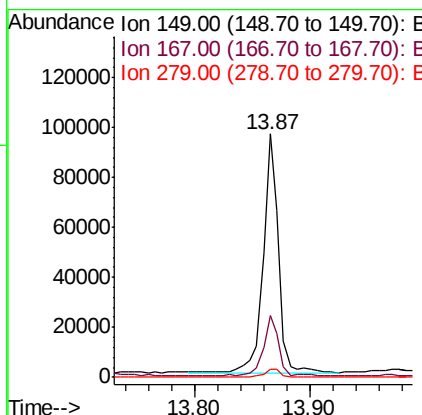
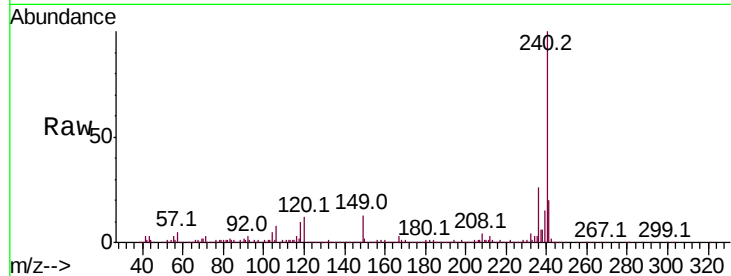




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.262 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108835.D
 Acq: 6 Sep 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G6

Tot 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

