

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

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-FD-01

Quant Time: Sep 07 13:53:12 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

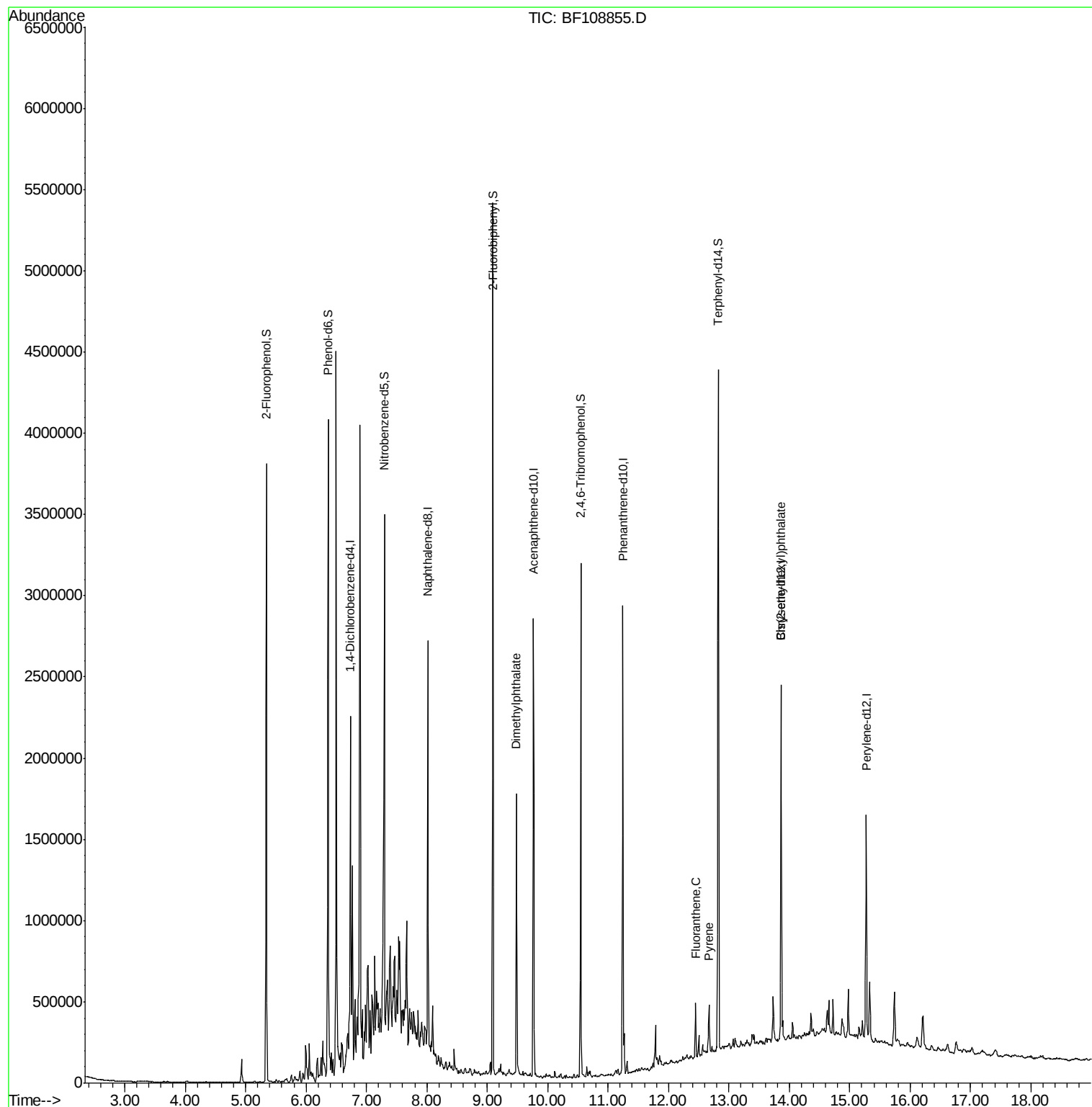
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	266882	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1025953	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	509388	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	921576	20.00	ng	0.00
75) Chrysene-d12	13.87	240	597174	20.00	ng	0.00
86) Perylene-d12	15.27	264	622391	20.00	ng	0.00
System Monitoring Compounds						
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						
49) Dimethylphthalate	9.48	163	621131	17.434	ng	99
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

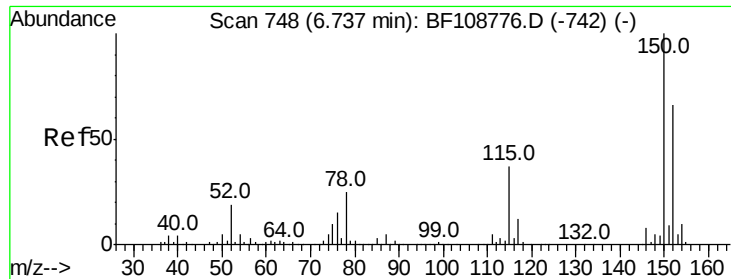
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 05 18:03:31 2018
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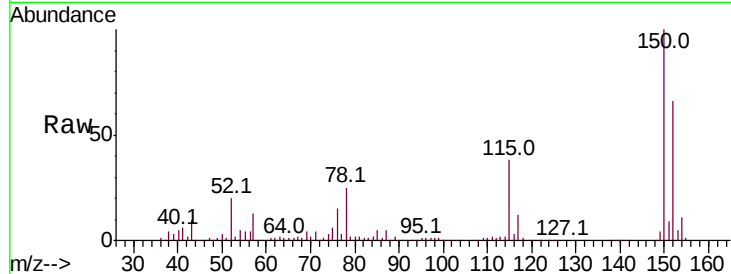


#1

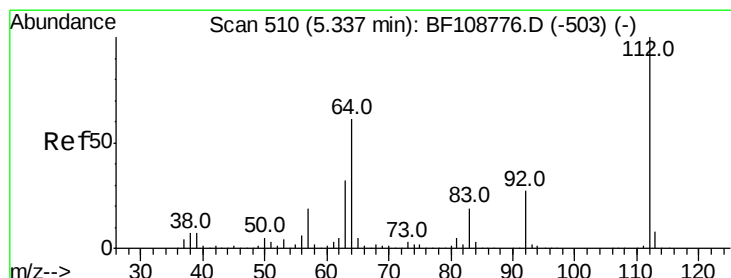
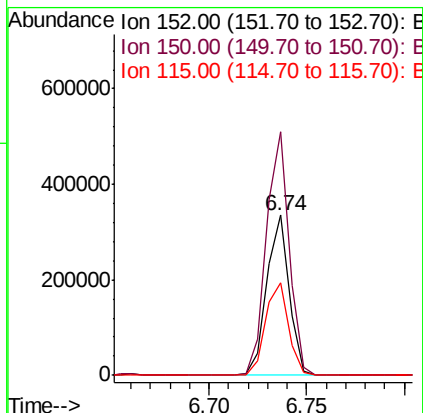
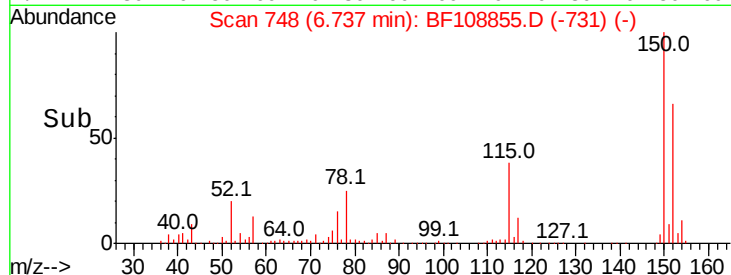
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108855.D
Acq: 7 Sep 2018 12:51

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-FD-01

Tot Ion:152 Resp: 266882
Ion Ratio Lower Upper
152 100
150 152.2 124.6 186.8
115 58.1 50.1 75.1



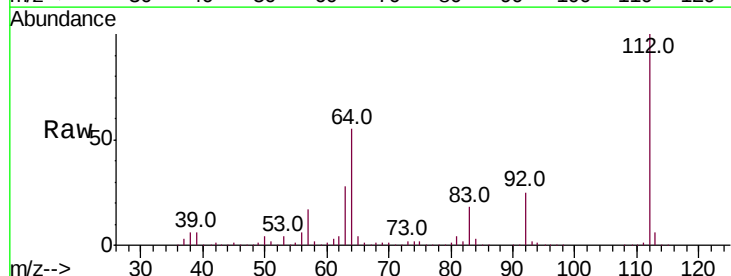
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



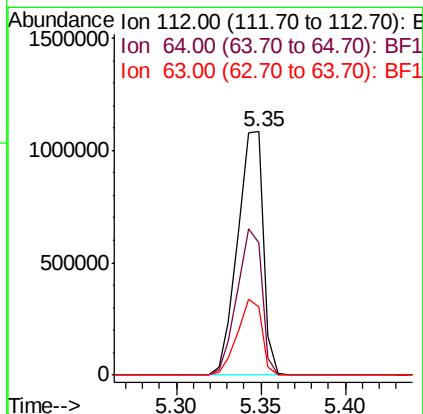
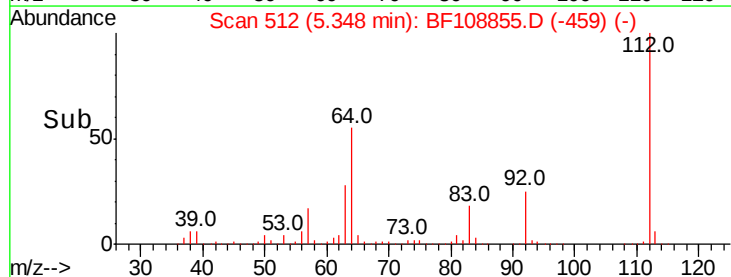
#5

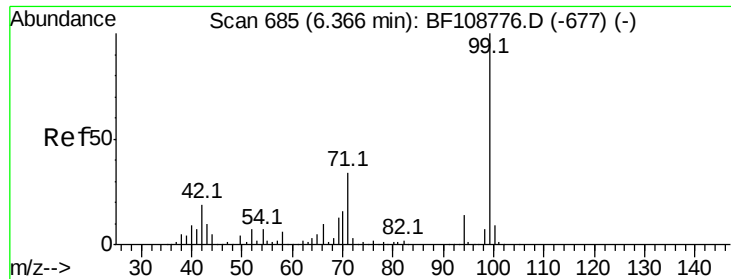
2-Fluorophenol
Concen: 71.597 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108855.D
Acq: 7 Sep 2018 12:51

Tgt Ion:112 Resp: 1153397
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_F

ClientSampleId :

EP1-Q2-FD-01

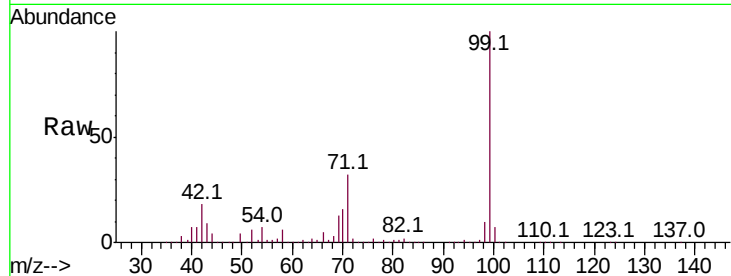
Tot Ion: 99 Resp: 1537383

Ion Ratio Lower Upper

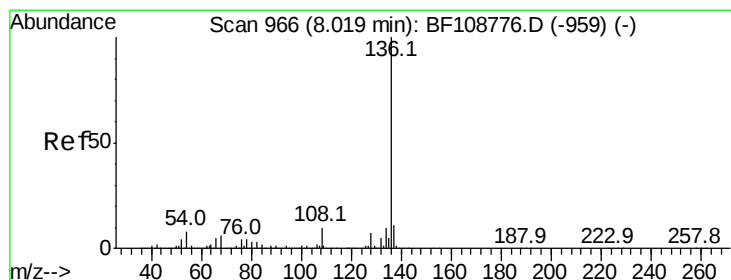
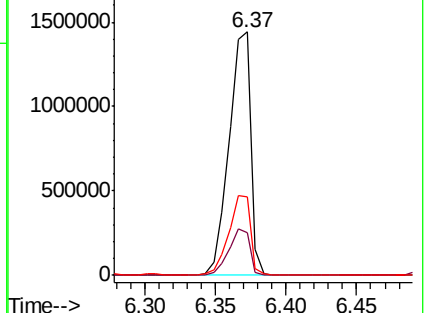
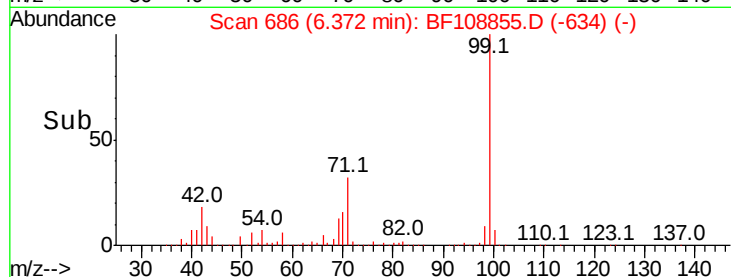
99 100

42 17.8 14.5 21.7

71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
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

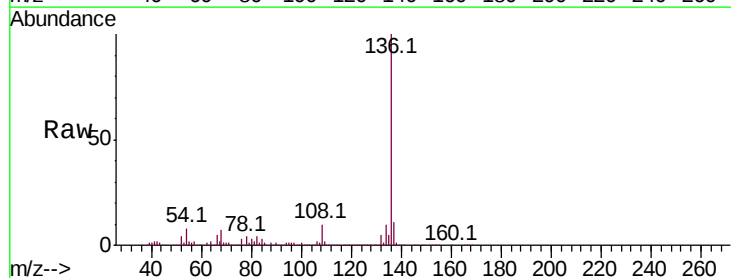
Ion Ratio Lower Upper

136 100

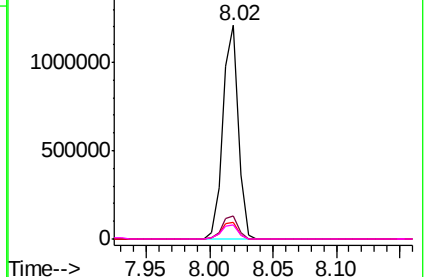
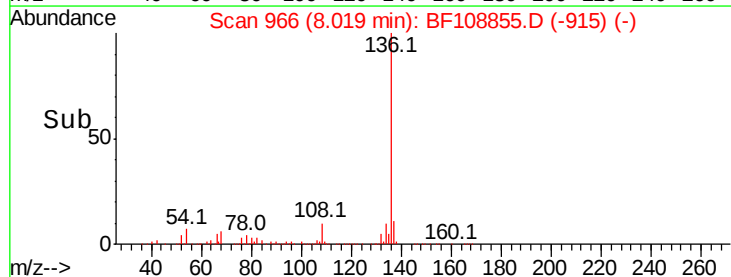
137 11.1 8.9 13.3

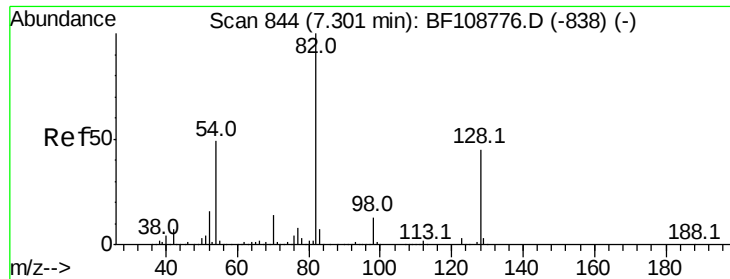
54 7.6 6.6 9.8

68 6.7 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
1500000
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

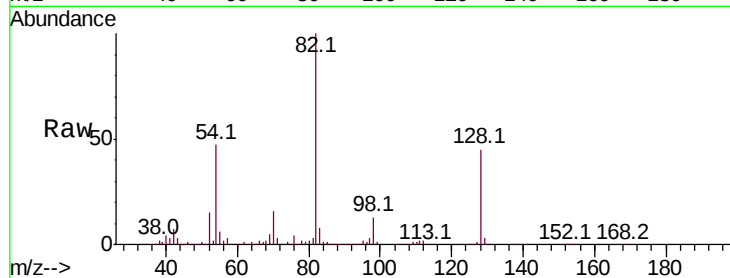




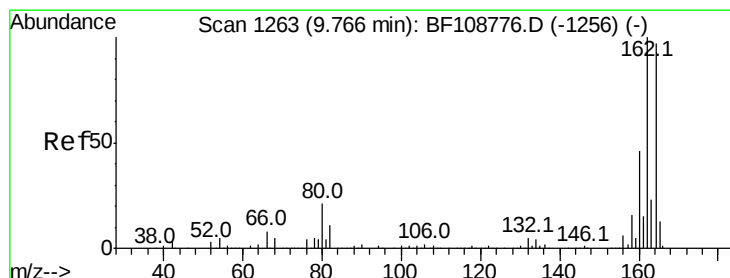
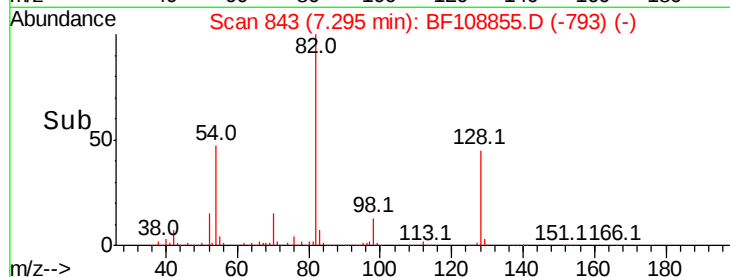
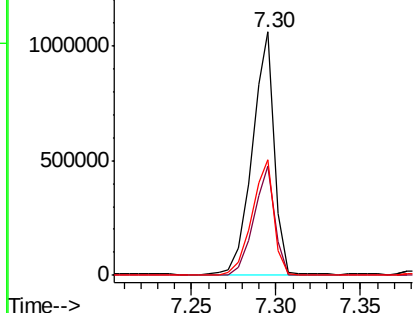
#23
Nitrobenzene-d5
Concen: 58.527 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108855.D
Acq: 7 Sep 2018 12:51

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-FD-01

Tot Ion: 82 Resp: 959499
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 47.4 41.4 62.2

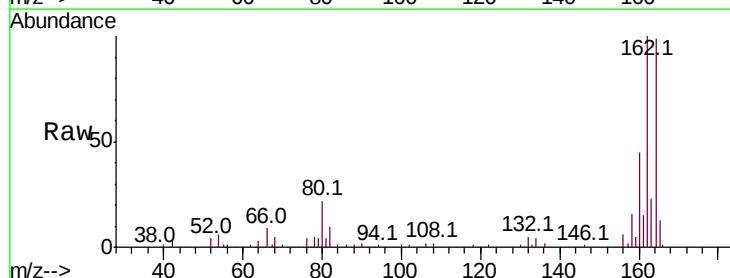


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

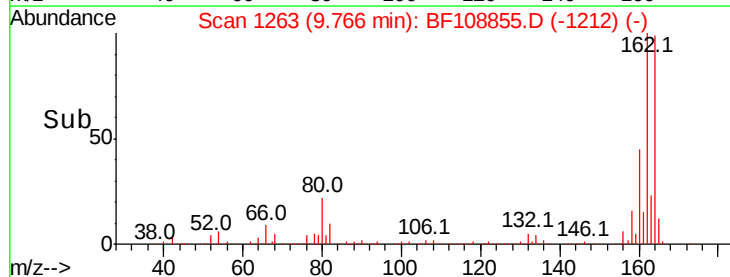
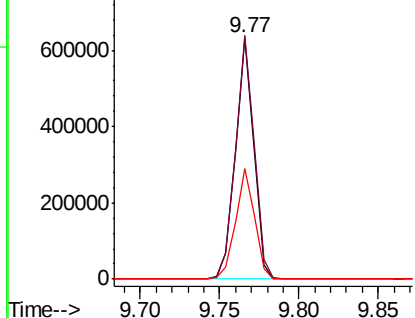


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108855.D
Acq: 7 Sep 2018 12:51

Tgt Ion:164 Resp: 509388
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

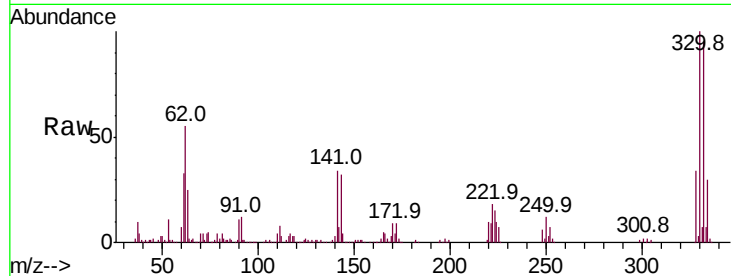




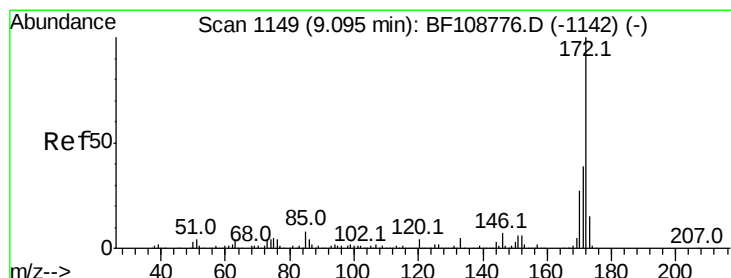
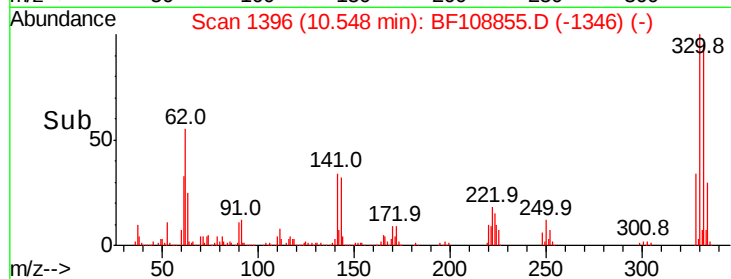
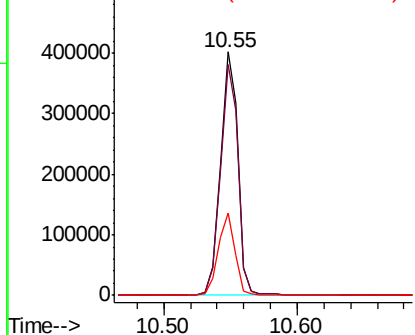
#41
 2,4,6-Tribromophenol
 Concen: 76.485 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108855.D
 Acq: 7 Sep 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-FD-01

Tot Ion:330 Resp: 371936
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.8 29.9 44.9

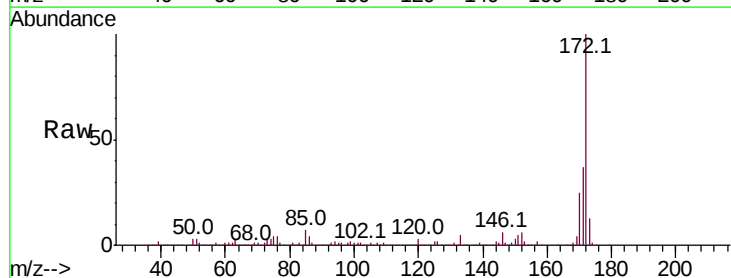


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

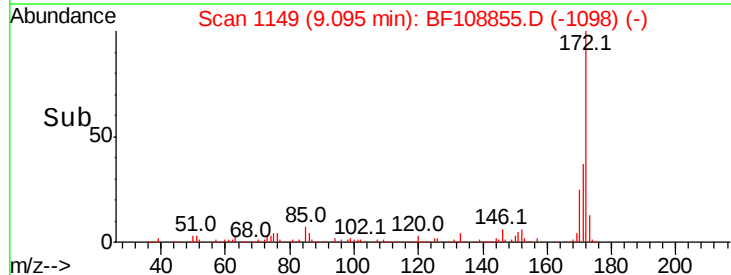
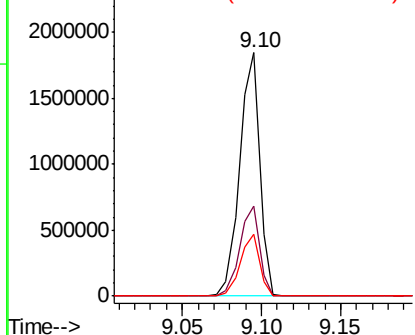


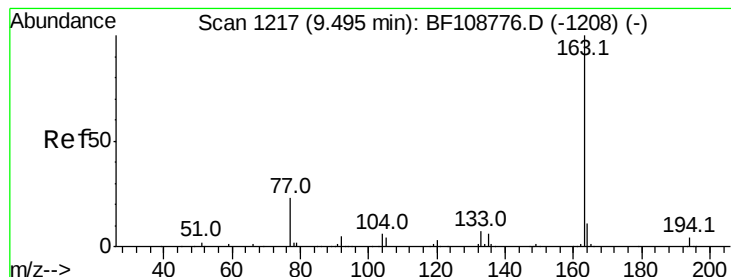
#44
 2-Fluorobiphenyl
 Concen: 54.214 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108855.D
 Acq: 7 Sep 2018 12:51

Tgt 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

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-FD-01

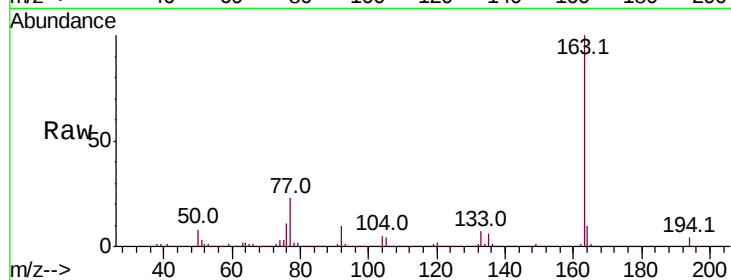
Tot Ion:163 Resp: 621131

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

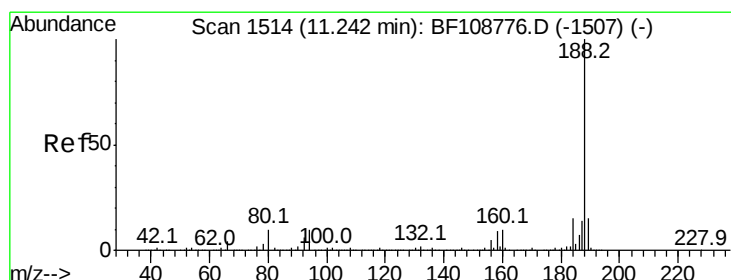
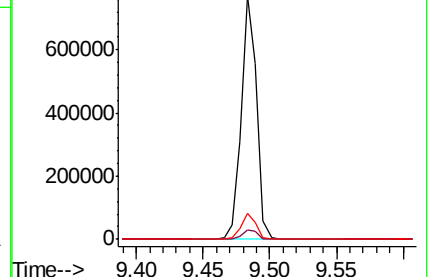
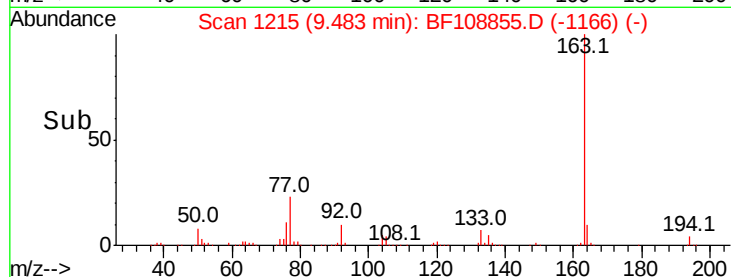
164 10.5 8.2 12.2



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



#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

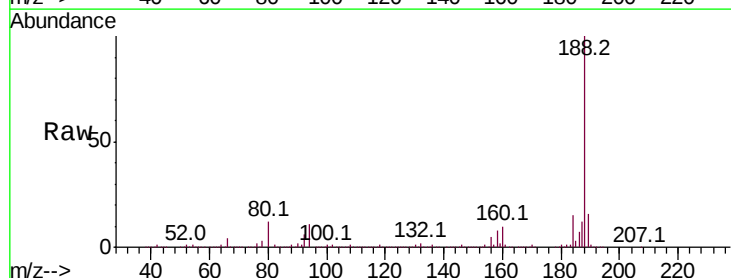
Tgt Ion:188 Resp: 921576

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

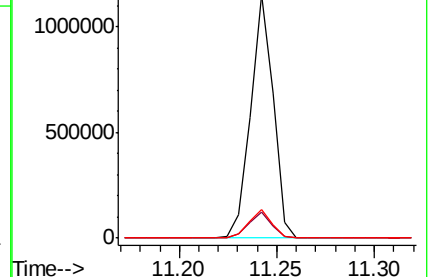
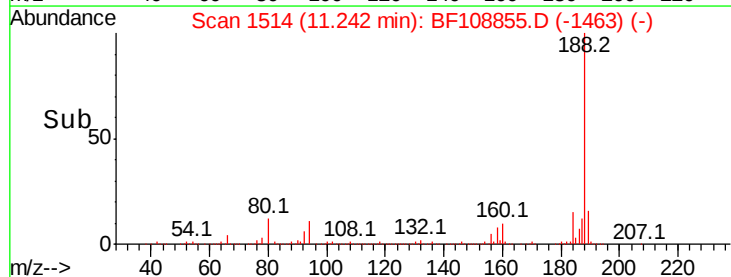
80 11.6 9.2 13.8

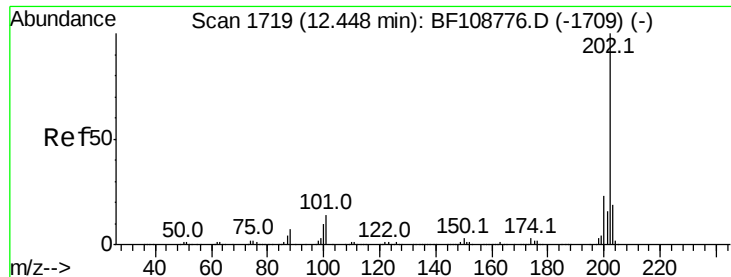


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#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 :

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ClientSampleId :

EP1-Q2-FD-01

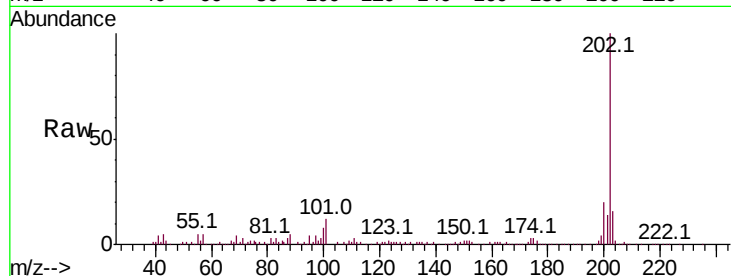
Tot Ion:202 Resp: 121319

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

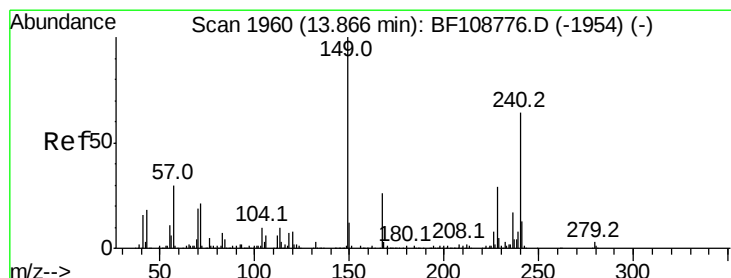
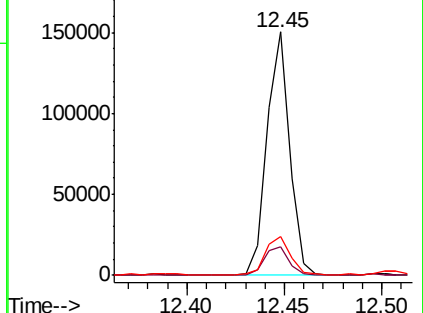
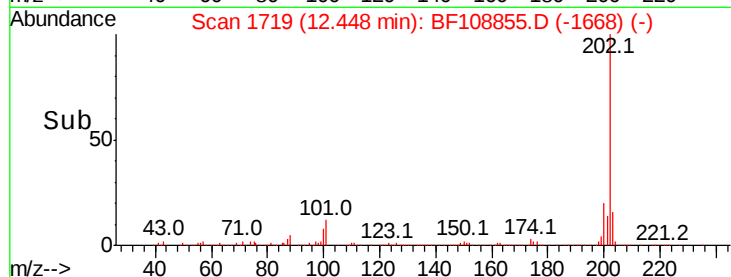
203 16.0 0.0 38.1



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

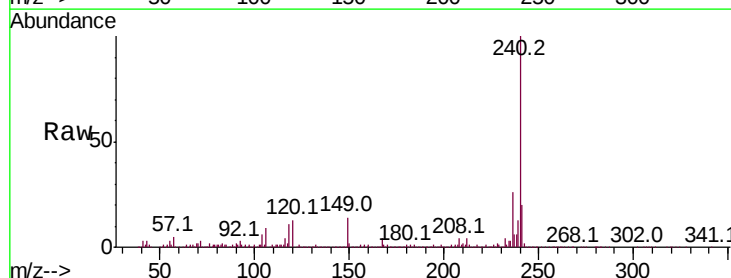
Tgt Ion:240 Resp: 597174

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

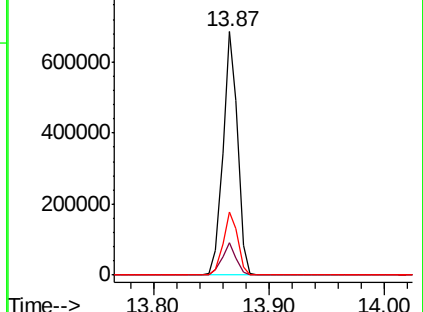
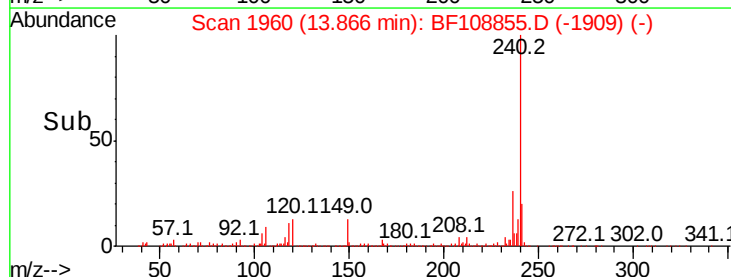
236 26.0 20.7 31.1

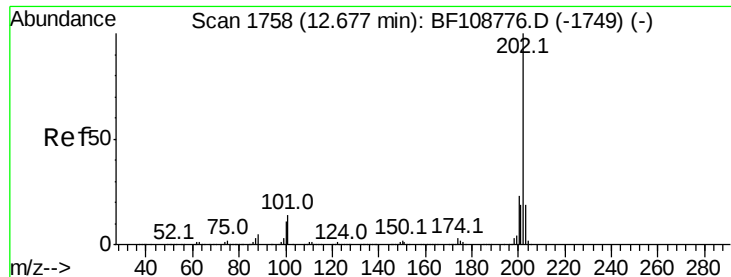


Abundance Ion 240.00 (239.70 to 240.70): E

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

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EP1-Q2-FD-01

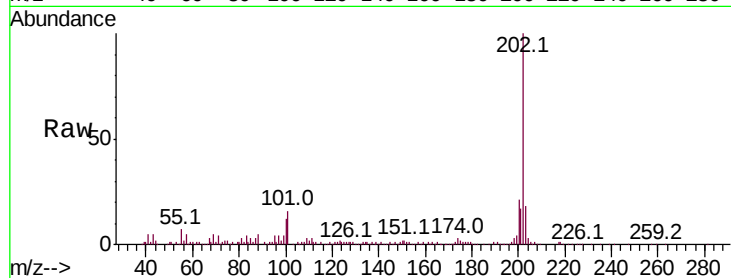
Tot Ion:202 Resp: 109493

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

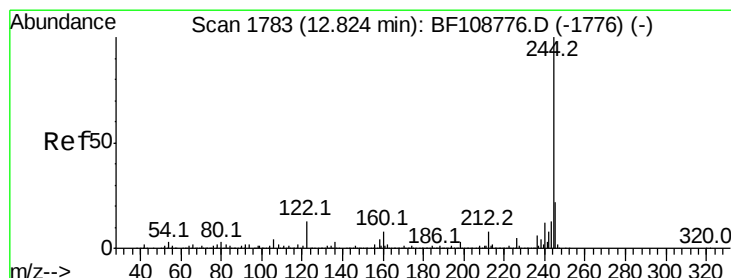
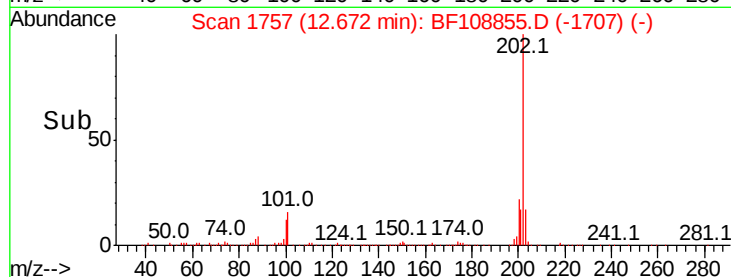
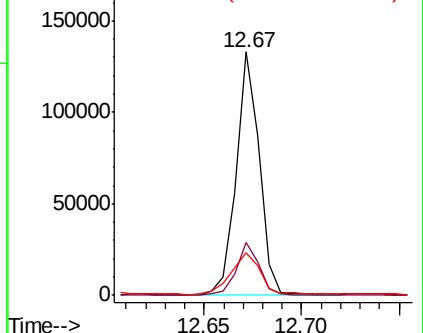
203 17.6 14.3 21.5



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

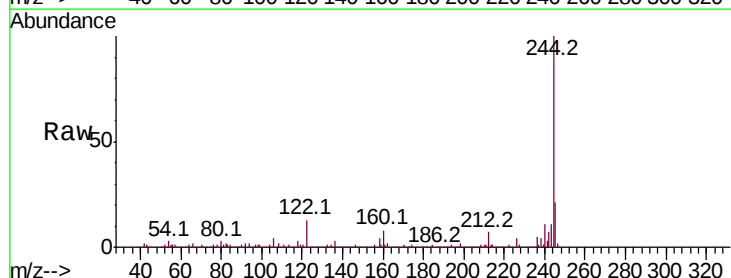
Tgt Ion:244 Resp: 1430615

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

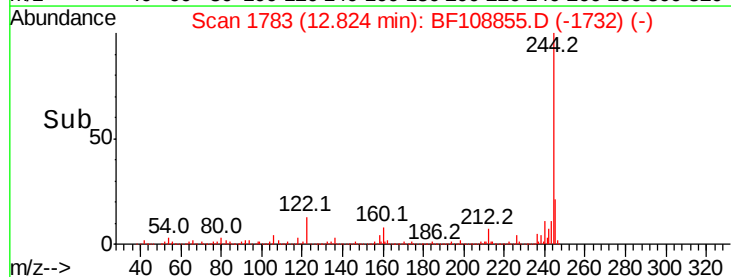
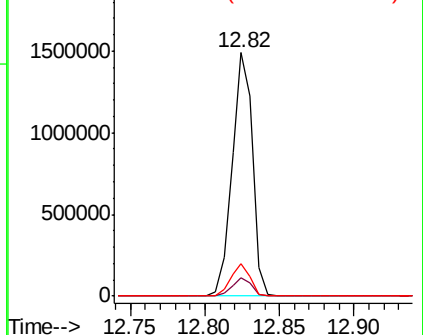
122 13.1 11.0 16.4

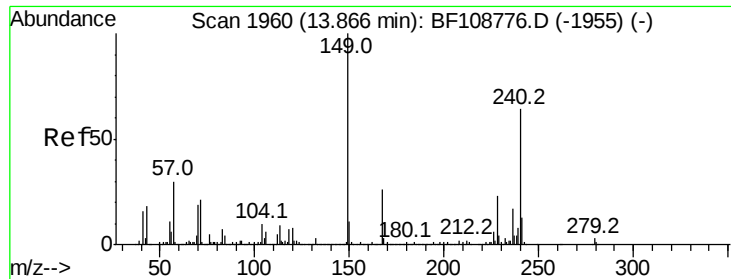


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

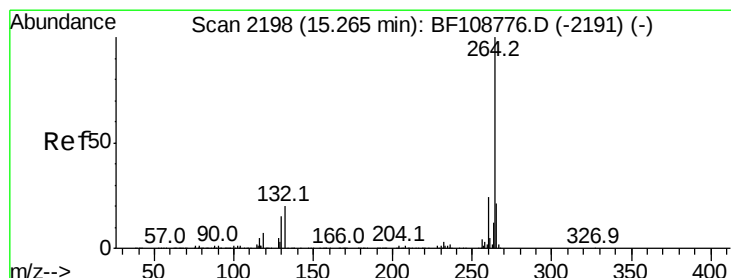
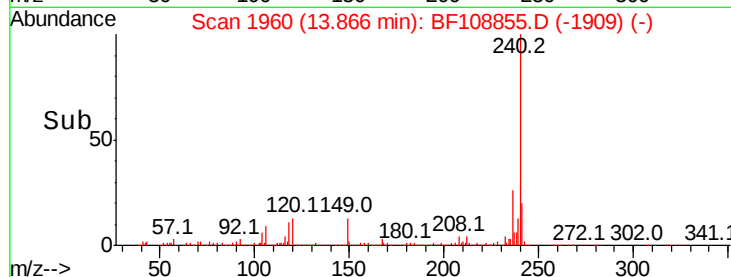
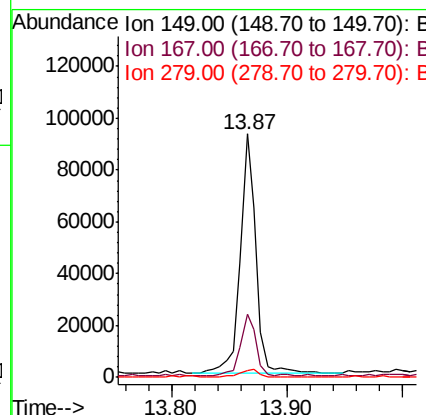
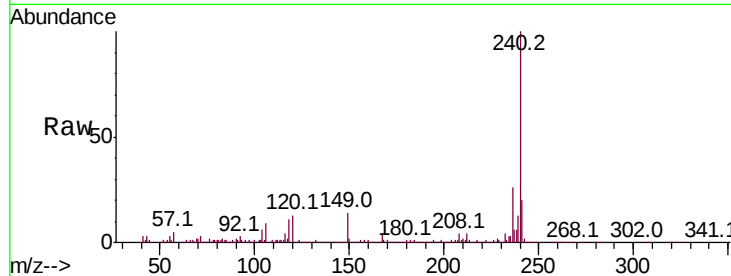




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.319 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BF108855.D
 Acq: 7 Sep 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-FD-01

Tot Ion:149 Resp: 86308
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 2.8 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: BF108855.D
 Acq: 7 Sep 2018 12:51

Tgt Ion:264 Resp: 622391
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.5 17.5 26.3

