

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108847.D
 Acq On : 7 Sep 2018 2:08
 Operator : JU/SJ
 Sample : J4803-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-I6

Quant Time: Sep 07 03:59:27 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

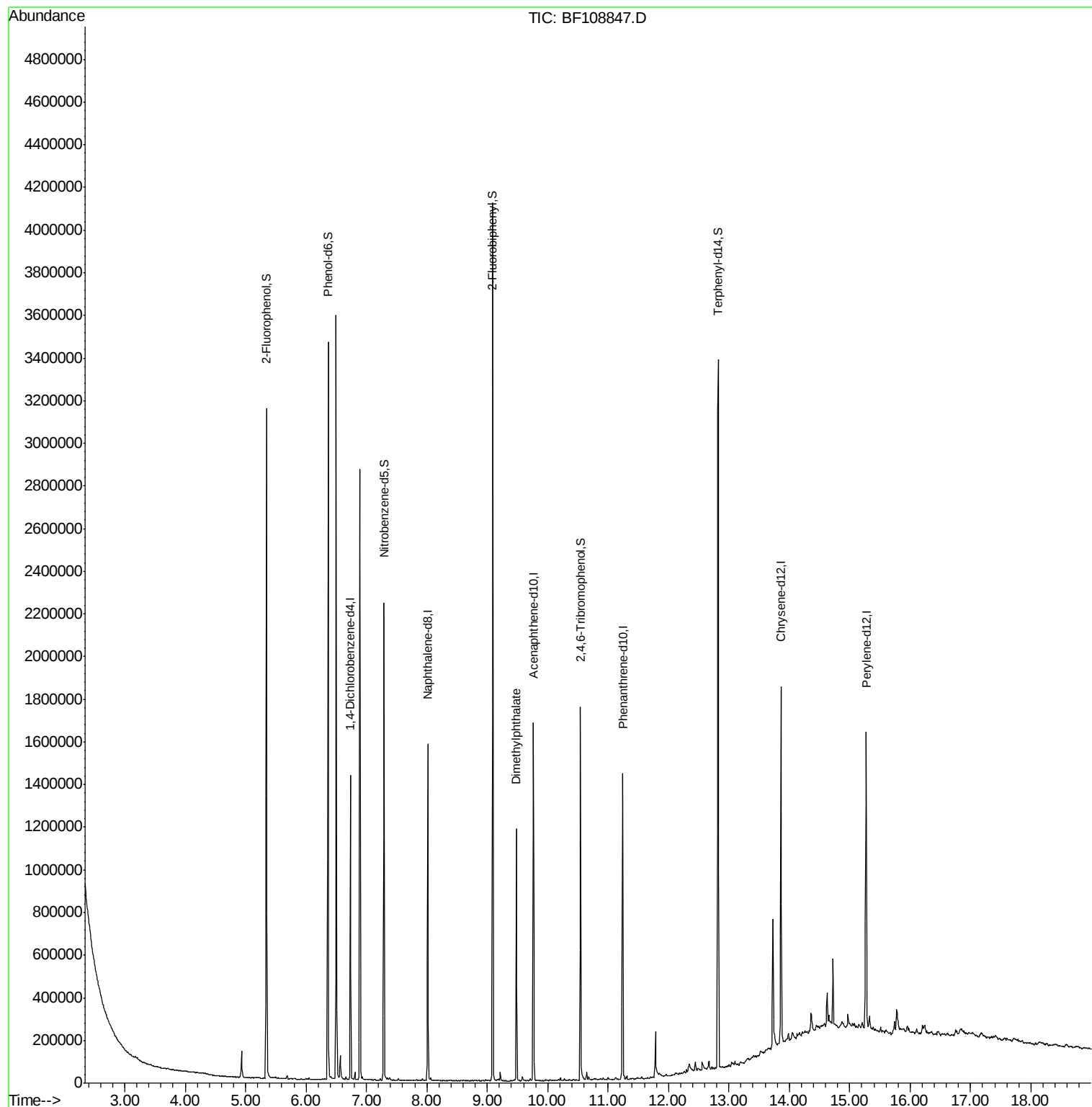
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	196229	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	699615	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	296411	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	513485	20.00	ng	0.00
75) Chrysene-d12	13.87	240	547633	20.00	ng	0.00
86) Perylene-d12	15.27	264	604992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	900545	76.03	ng	0.01
7) Phenol-d6	6.37	99	1117103	73.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	699589	62.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	216654	76.56	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1197558	68.93	ng	0.00
78) Terphenyl-d14	12.82	244	1121784	47.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	414223	19.980	ng	Qvalue 99

(#) = 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: BF108847.D

Acq: 7 Sep 2018 2:08

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-I6

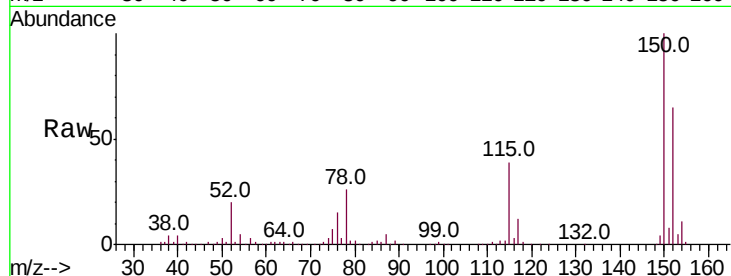
Tot Ion:152 Resp: 196229

Ion Ratio Lower Upper

152 100

150 154.2 124.6 186.8

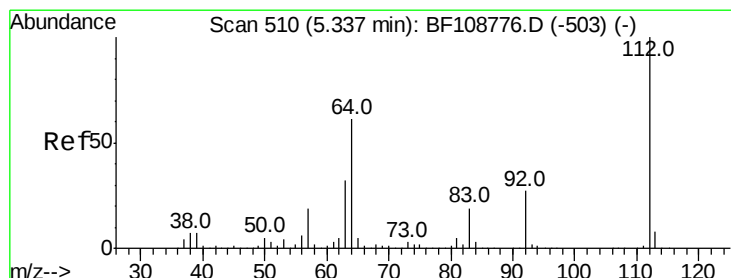
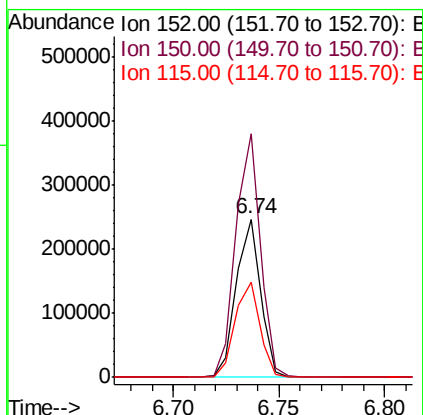
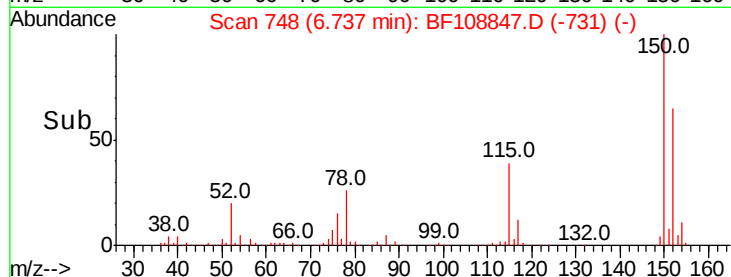
115 60.6 50.1 75.1



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: 76.029 ng

RT: 5.35 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF108847.D

Acq: 7 Sep 2018 2:08

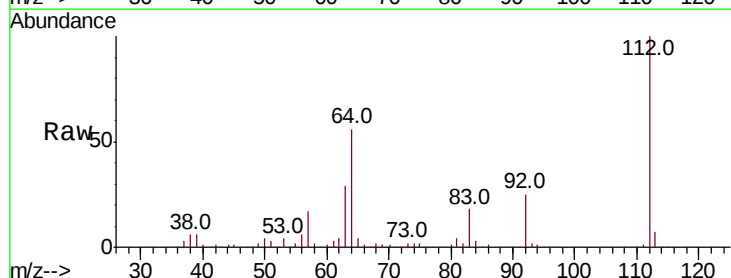
Tgt Ion:112 Resp: 900545

Ion Ratio Lower Upper

112 100

64 56.2 47.9 71.9

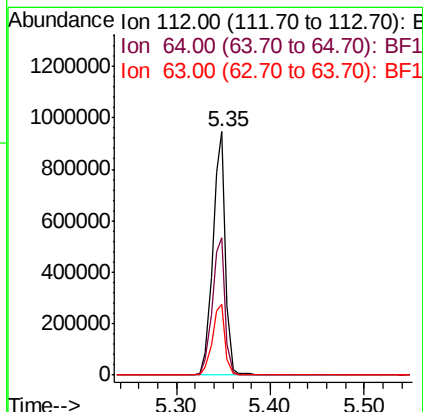
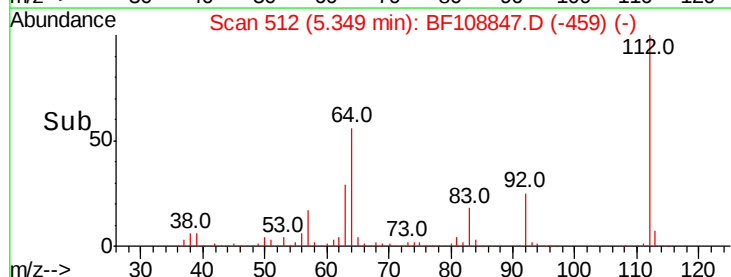
63 29.0 23.7 35.5



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: 73.300 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108847.D

Acq: 7 Sep 2018 2:08

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-I6

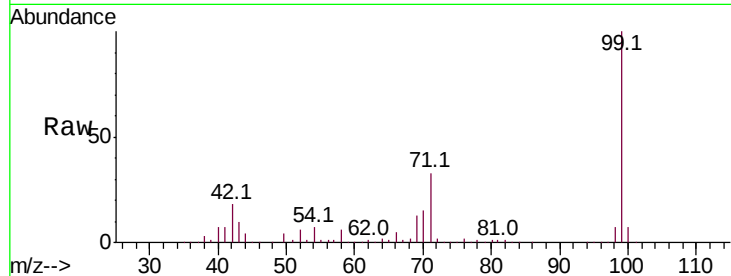
Tot Ion: 99 Resp: 1117103

Ion Ratio Lower Upper

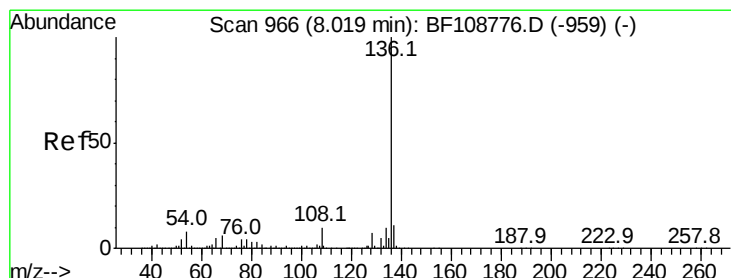
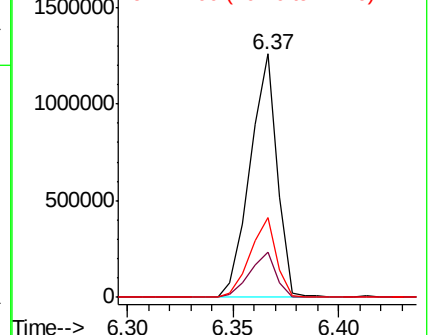
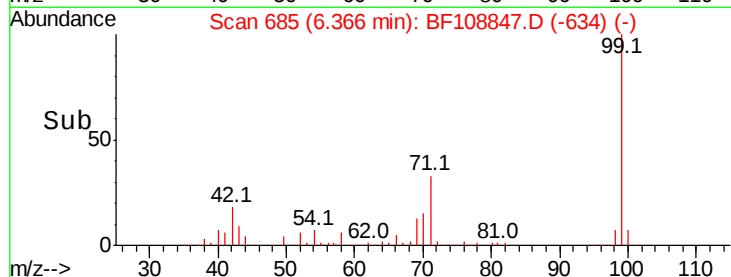
99 100

42 18.4 14.5 21.7

71 32.8 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: 8.01 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF108847.D

Acq: 7 Sep 2018 2:08

Tgt Ion: 136 Resp: 699615

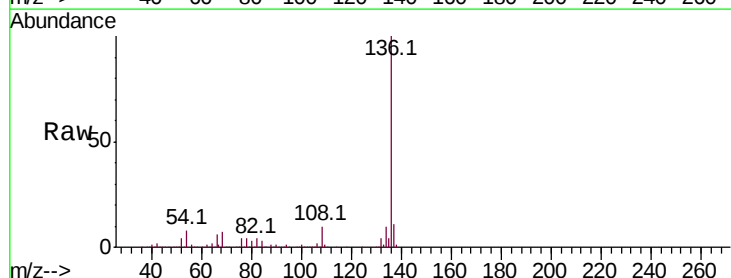
Ion Ratio Lower Upper

136 100

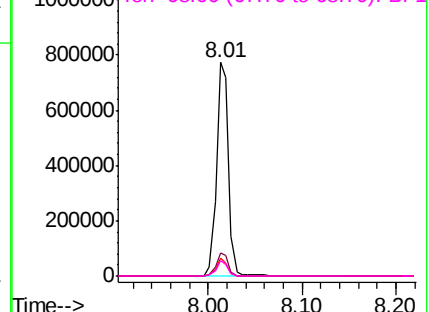
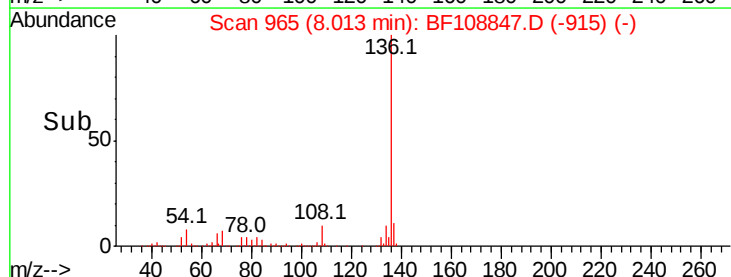
137 11.1 8.9 13.3

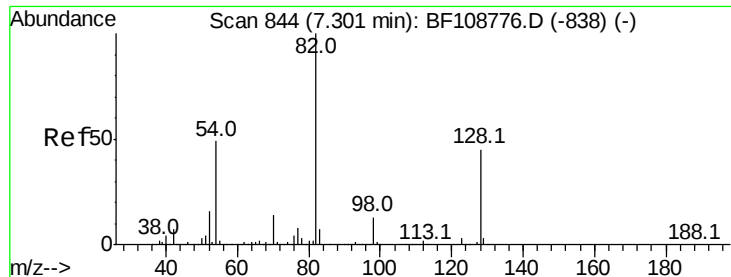
54 8.3 6.6 9.8

68 7.3 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

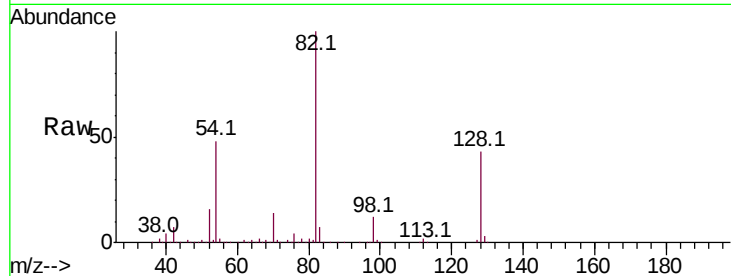




#23
 Nitrobenzene-d5
 Concen: 62.579 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108847.D
 Acq: 7 Sep 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-I6

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	47.9	41.4	62.2

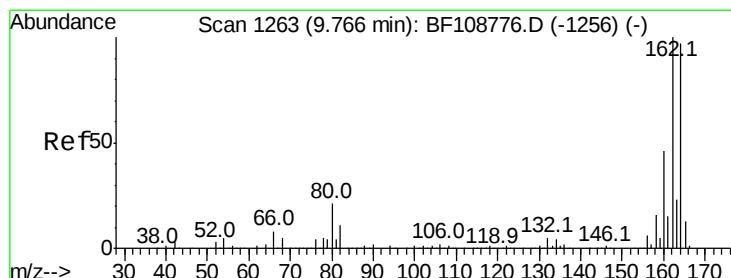
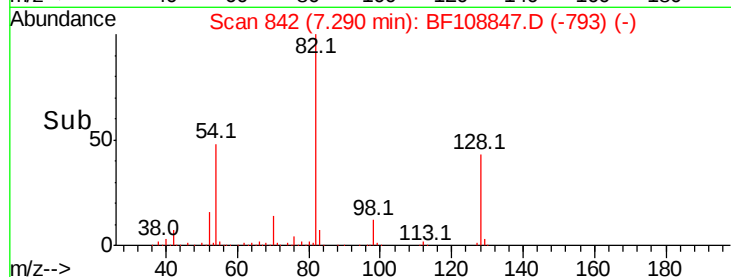
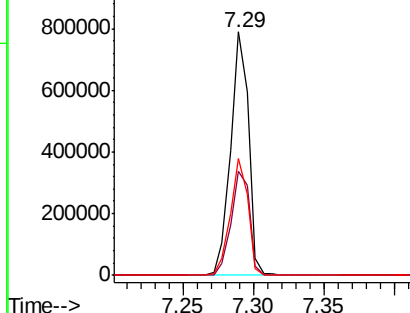


Abundance

Ion 82.00 (81.70 to 82.70): BF1

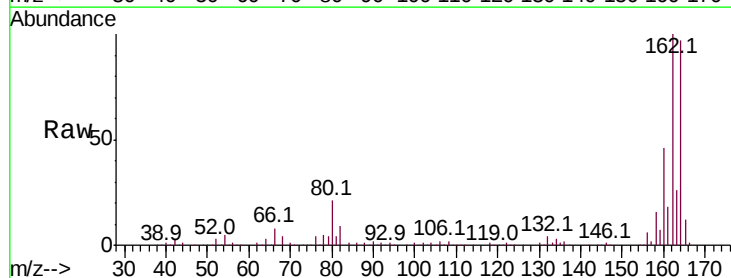
Ion 128.00 (127.70 to 128.70): BF1

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: BF108847.D
 Acq: 7 Sep 2018 2:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	47.3	38.3	57.5

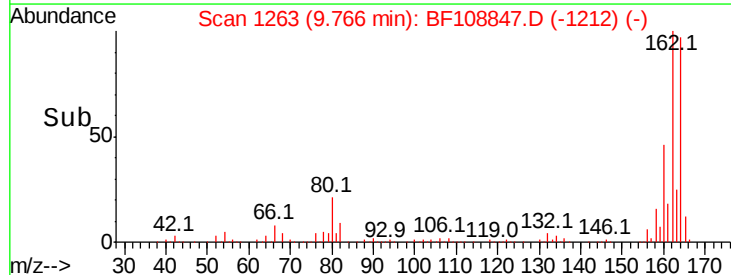
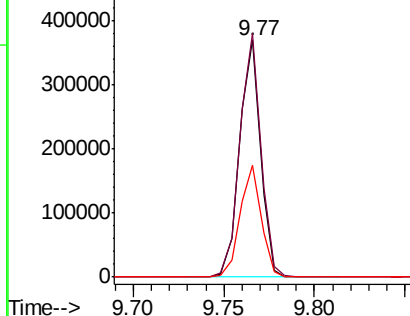


Abundance

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

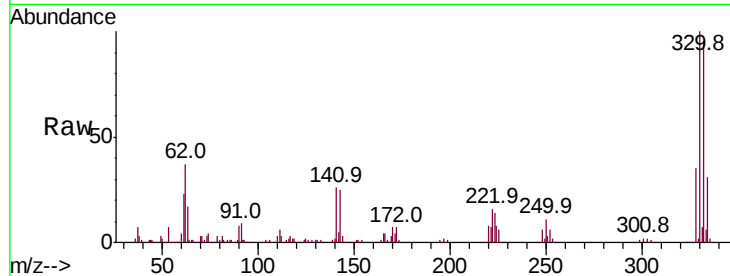




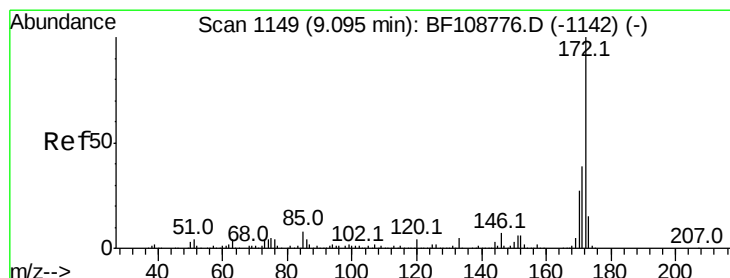
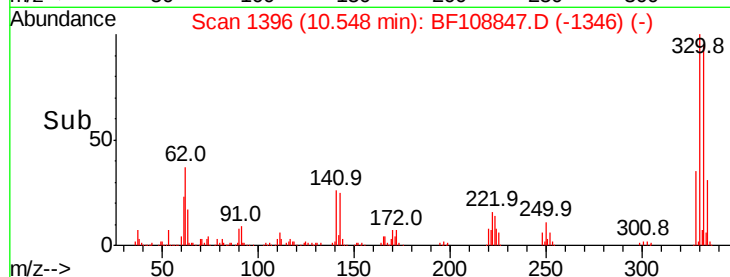
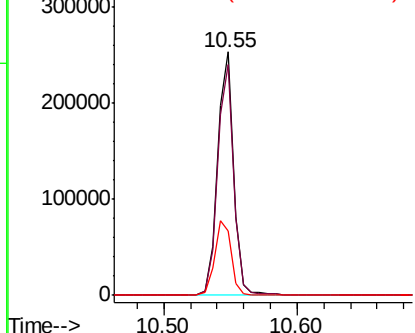
#41
 2,4,6-Tribromophenol
 Concen: 76.565 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108847.D
 Acq: 7 Sep 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-I6

Tot Ion:330 Resp: 216654
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.0 29.9 44.9

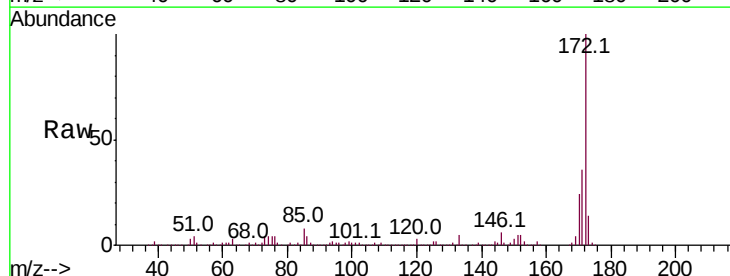


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

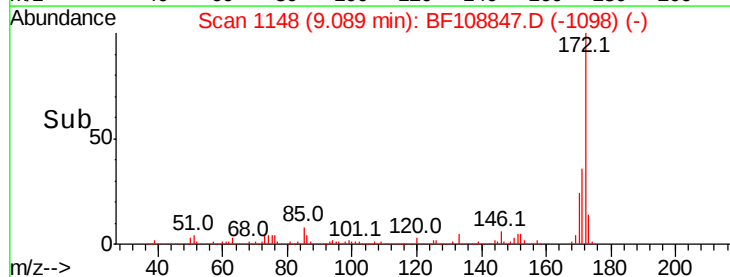
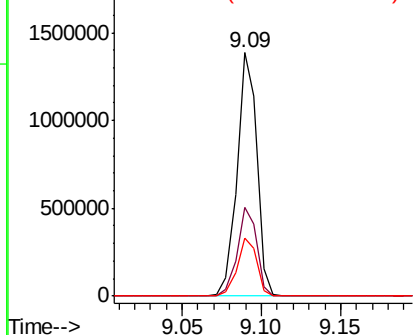


#44
 2-Fluorobiphenyl
 Concen: 68.925 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108847.D
 Acq: 7 Sep 2018 2:08

Tgt Ion:172 Resp: 1197558
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.1 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: 19.980 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108847.D

Acq: 7 Sep 2018 2:08

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-I6

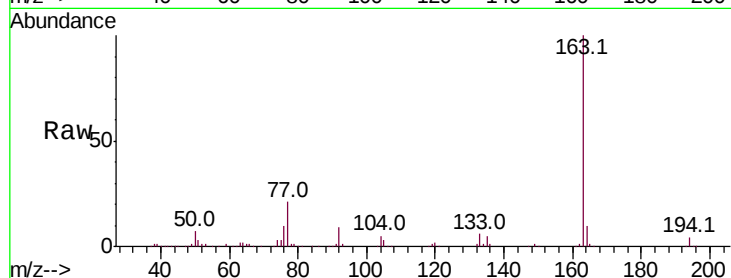
Tot Ion:163 Resp: 414223

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

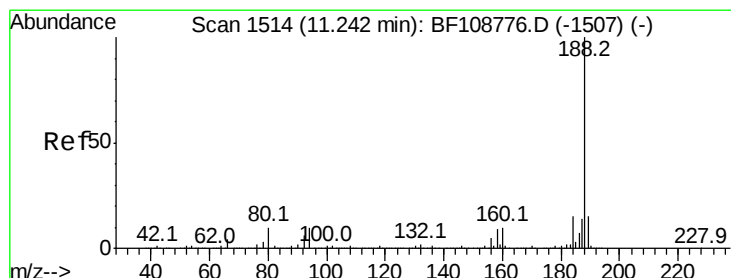
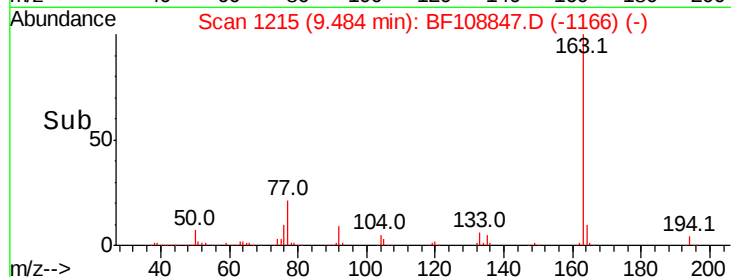
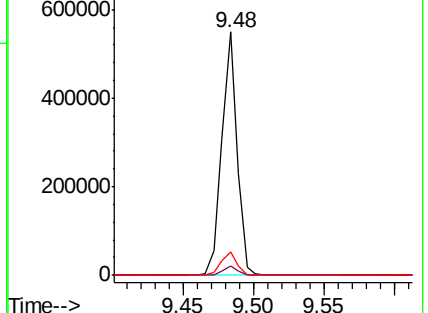
164 9.7 8.2 12.2



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: BF108847.D

Acq: 7 Sep 2018 2:08

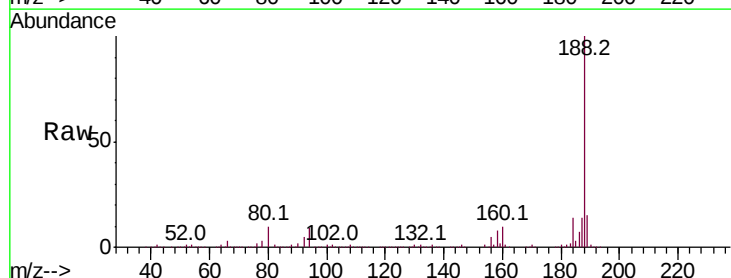
Tgt Ion:188 Resp: 513485

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

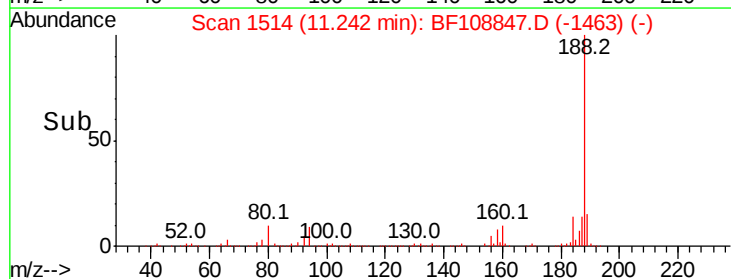
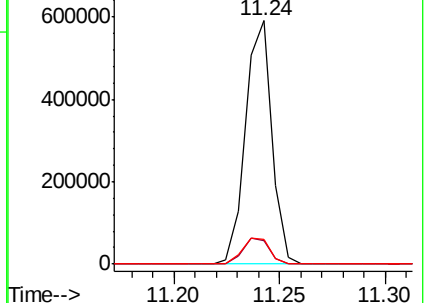
80 10.1 9.2 13.8

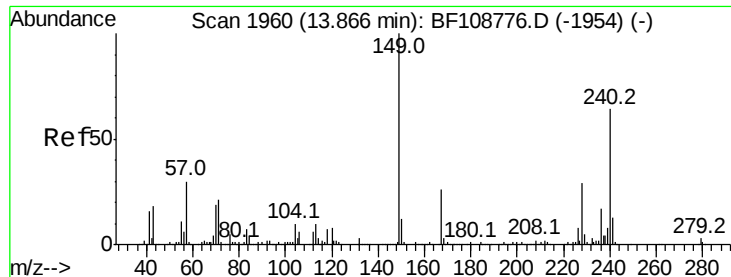


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BF108847.D

Acq: 7 Sep 2018 2:08

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-I6

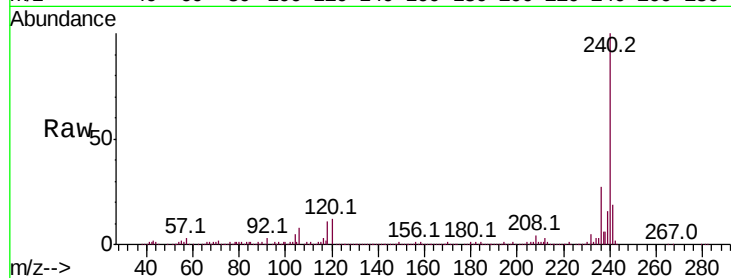
Tot Ion:240 Resp: 547633

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

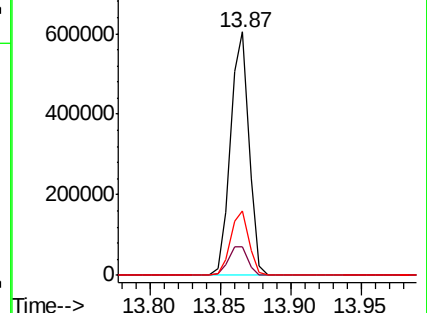
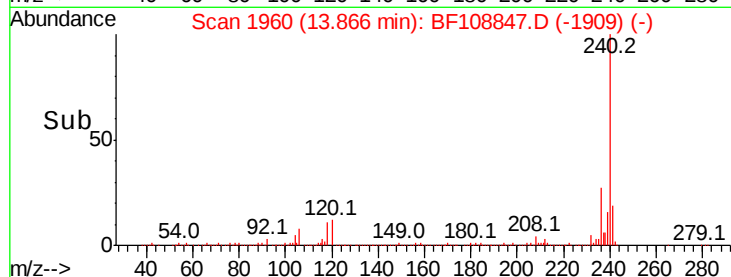
236 26.6 20.7 31.1



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: 47.767 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108847.D

Acq: 7 Sep 2018 2:08

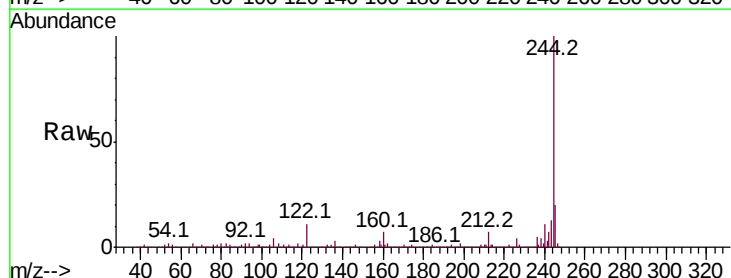
Tgt Ion:244 Resp: 1121784

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

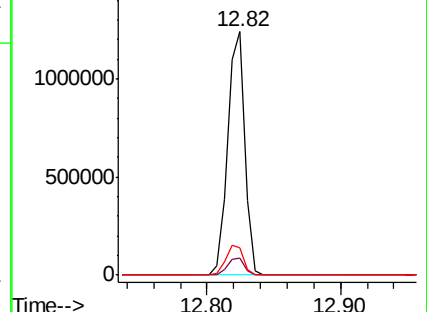
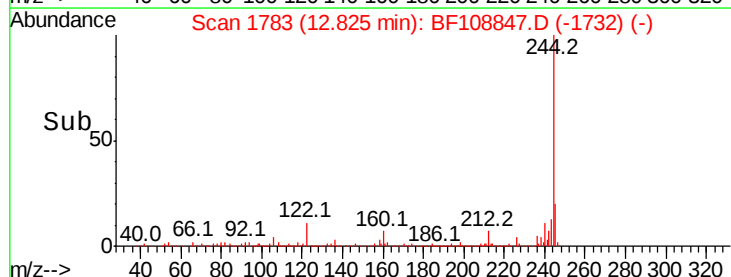
122 11.0 11.0 16.4

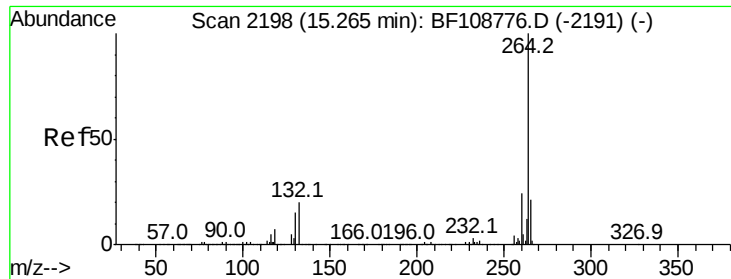


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108847.D
Acq: 7 Sep 2018 2:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-I6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3

