

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108836.D
 Acq On : 6 Sep 2018 21:09
 Operator : JU/SJ
 Sample : J4803-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G7

Quant Time: Sep 07 02:16:24 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

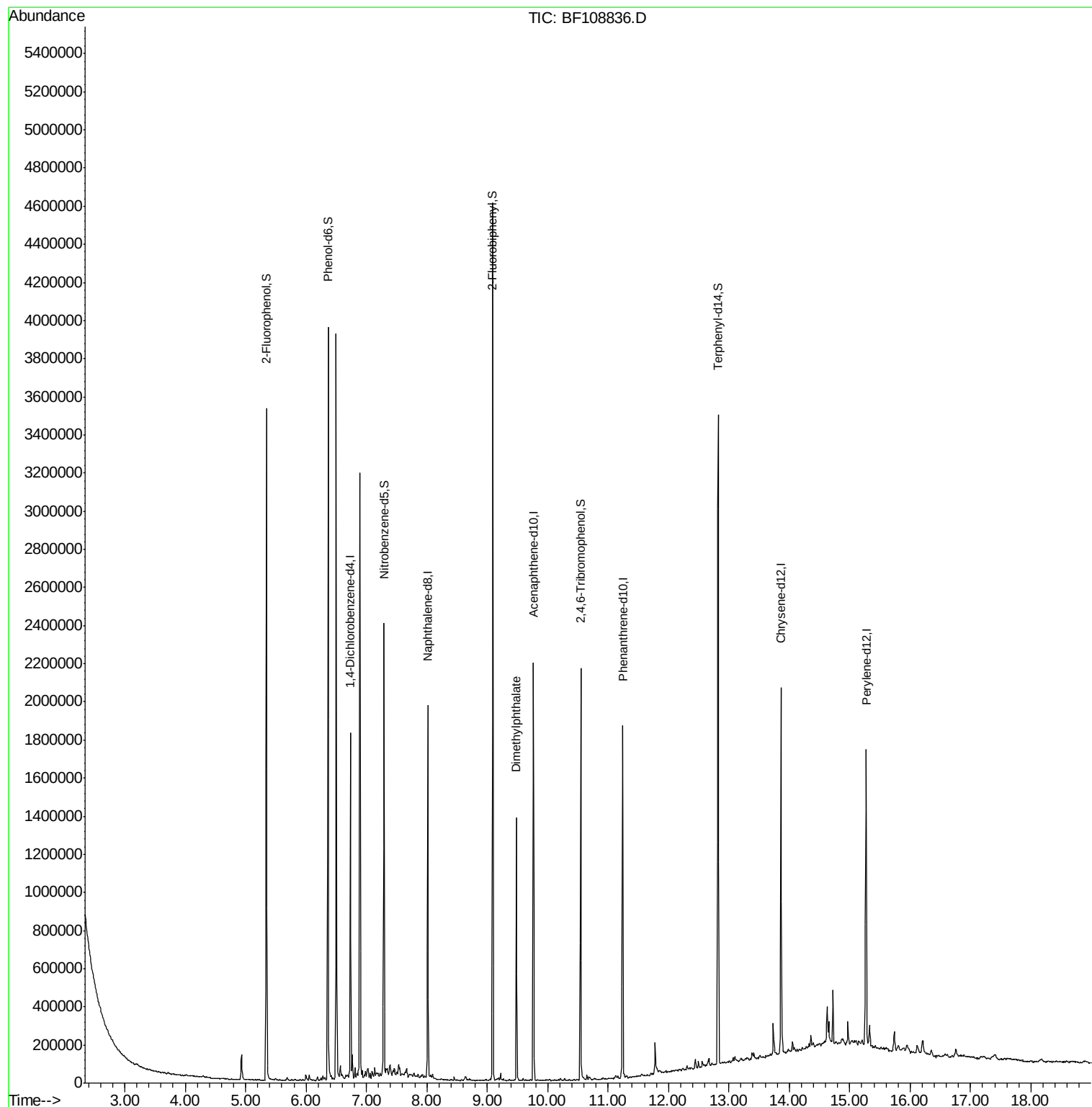
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	241232	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	885862	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	390733	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	651309	20.00	ng	0.00
75) Chrysene-d12	13.87	240	576800	20.00	ng	0.00
86) Perylene-d12	15.27	264	661981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1032486	70.91	ng	0.01
7) Phenol-d6	6.37	99	1305195	69.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	815233	57.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	266673	71.49	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1385557	60.49	ng	0.00
78) Terphenyl-d14	12.82	244	1128370	45.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	482121	17.641	ng	Qvalue 99

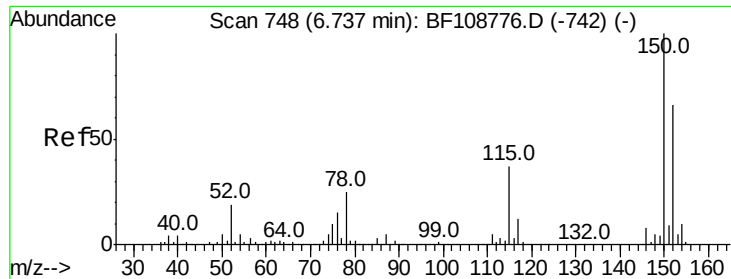
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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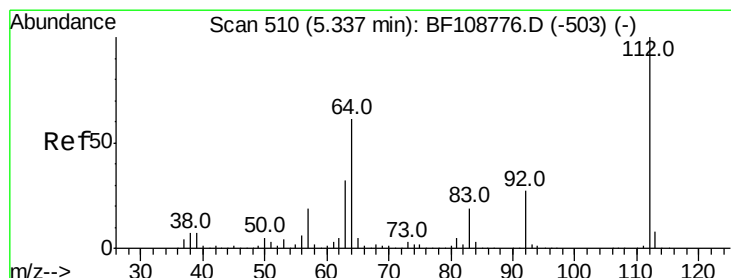
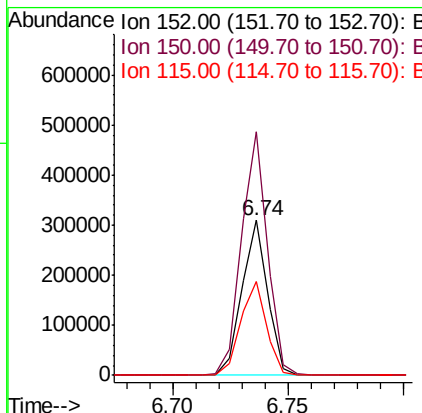
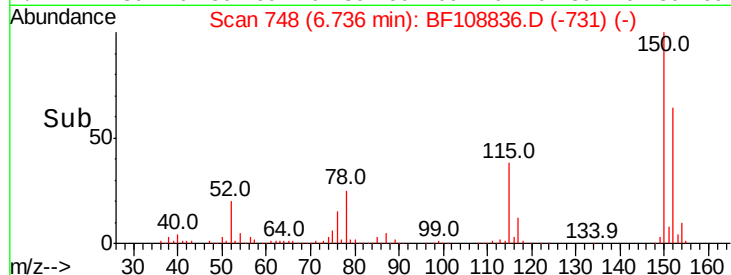
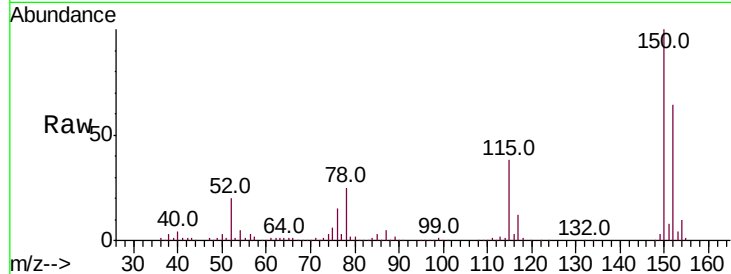


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

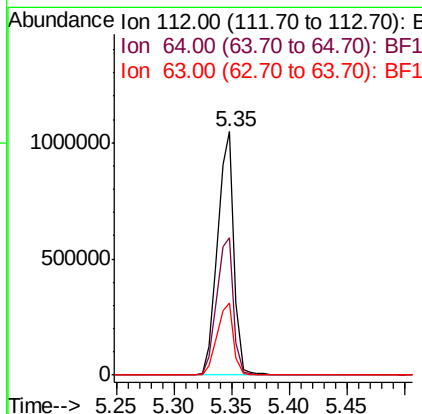
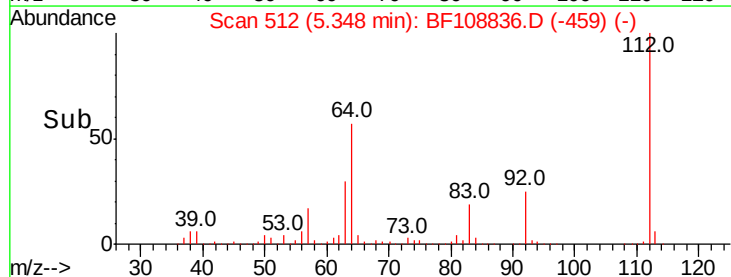
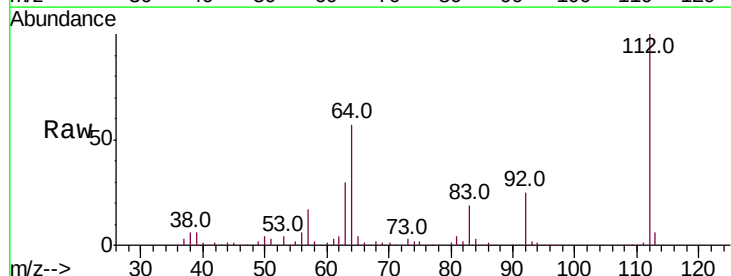
Tot Ion:152 Resp: 241232
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 60.3 50.1 75.1

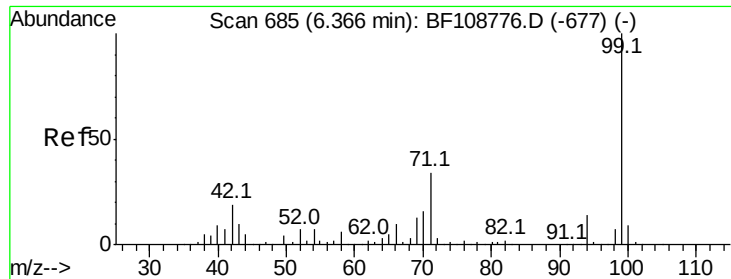


#5

2-Fluorophenol
Concen: 70.906 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Tgt Ion:112 Resp: 1032486
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 69.665 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108836.D

Acq: 6 Sep 2018 21:09

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G7

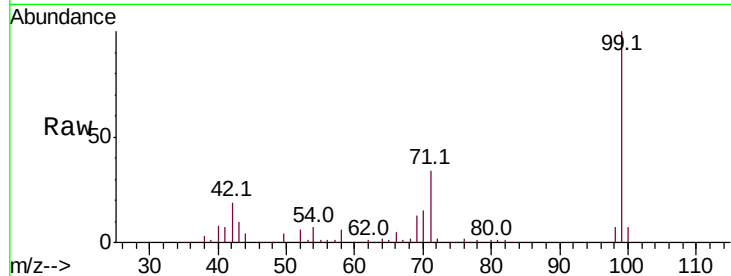
Tot Ion: 99 Resp: 1305195

Ion Ratio Lower Upper

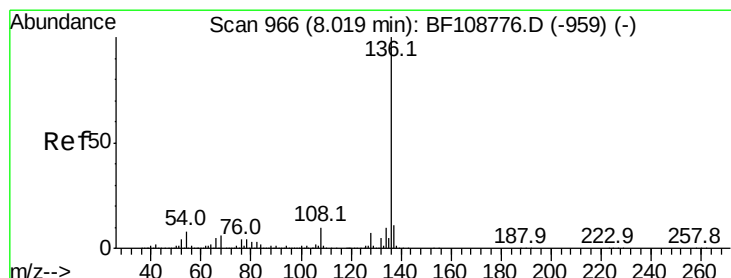
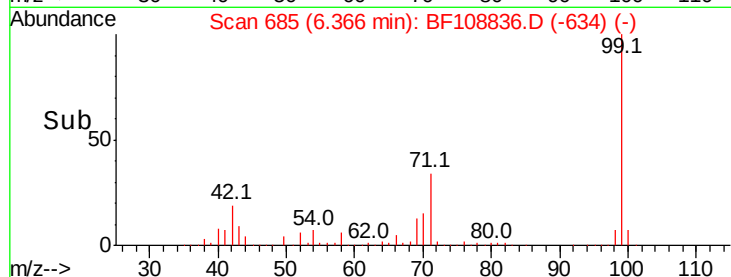
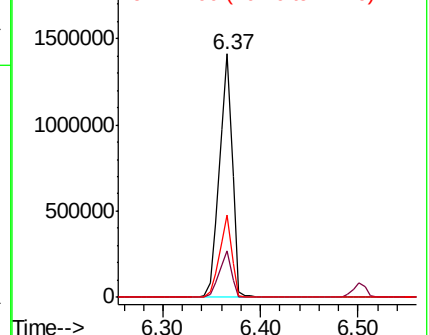
99 100

42 19.1 14.5 21.7

71 33.7 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: BF108836.D

Acq: 6 Sep 2018 21:09

Tgt Ion: 136 Resp: 885862

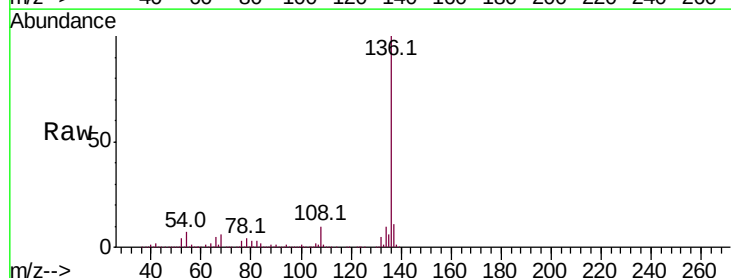
Ion Ratio Lower Upper

136 100

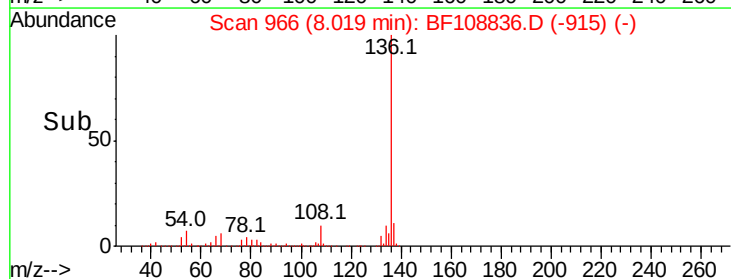
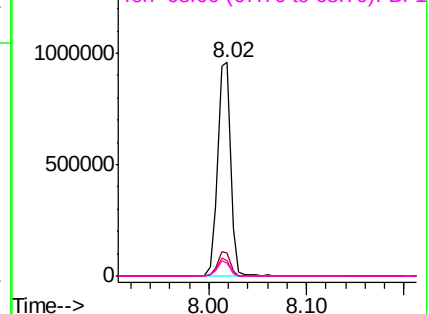
137 10.7 8.9 13.3

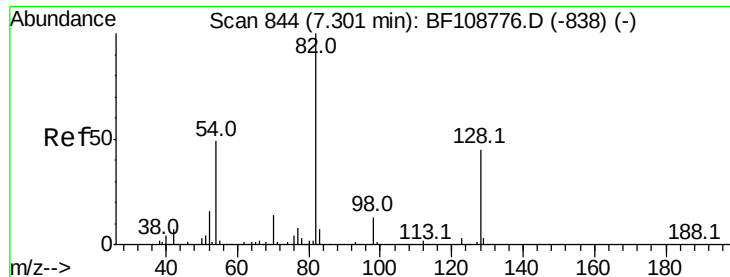
54 7.2 6.6 9.8

68 6.3 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: 57.591 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF108836.D

Acq: 6 Sep 2018 21:09

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G7

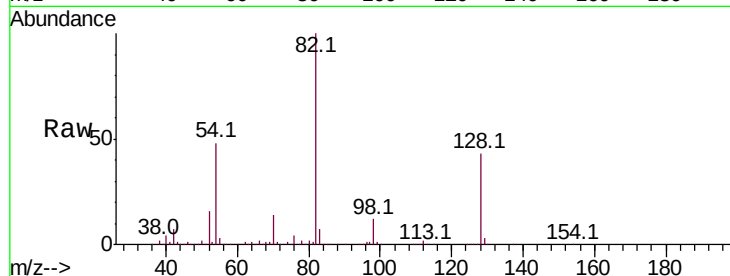
Tot Ion: 82 Resp: 815233

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

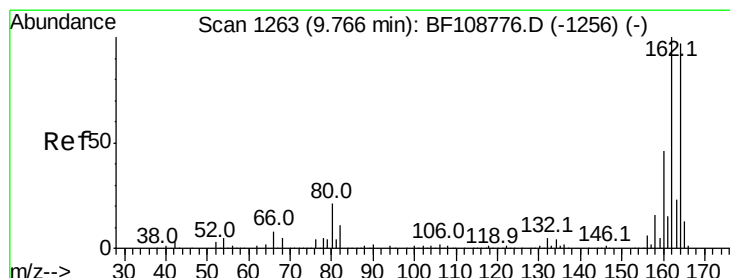
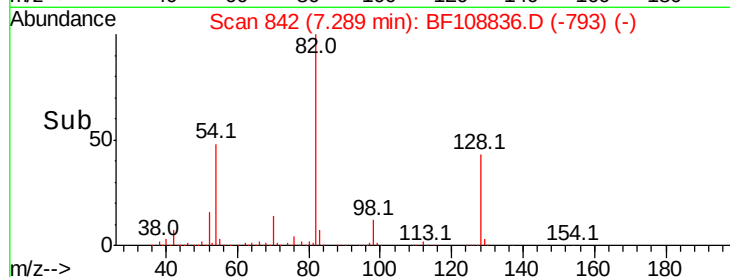
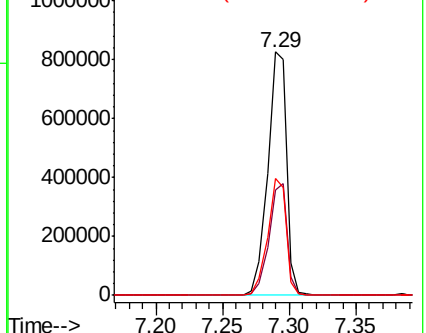
54 48.1 41.4 62.2



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: BF108836.D

Acq: 6 Sep 2018 21:09

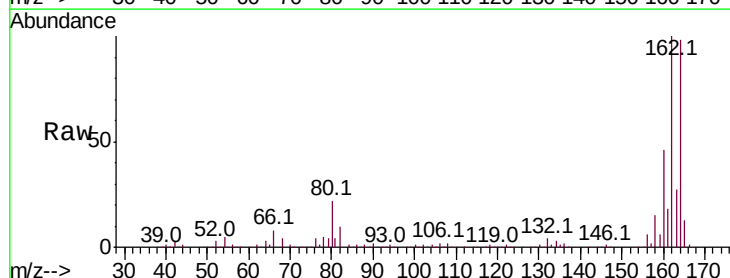
Tgt Ion: 164 Resp: 390733

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

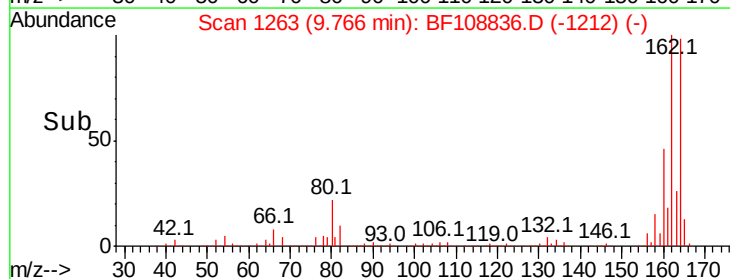
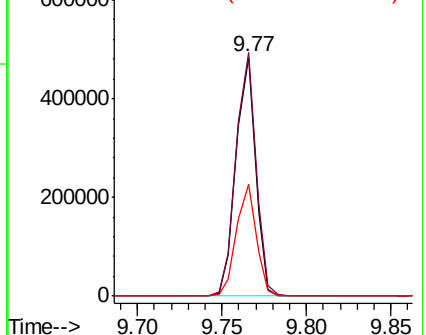
160 46.6 38.3 57.5

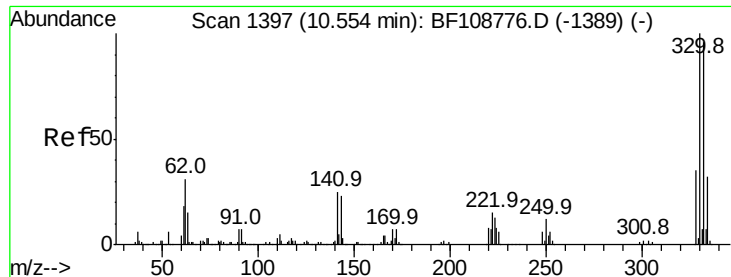


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

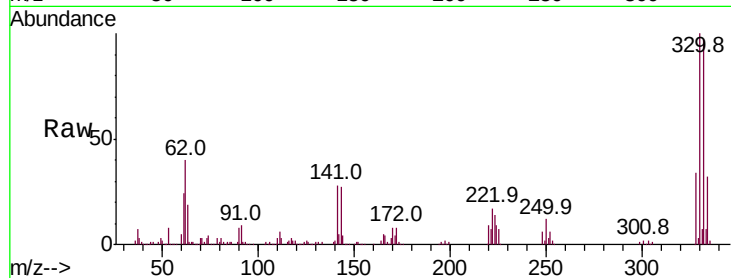




#41
 2,4,6-Tribromophenol
 Concen: 71.492 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108836.D
 Acq: 6 Sep 2018 21:09

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G7

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.4	29.9	44.9

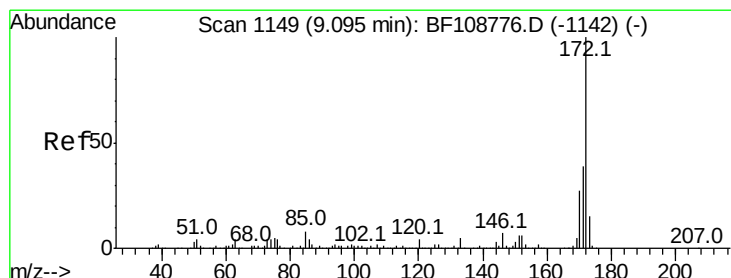
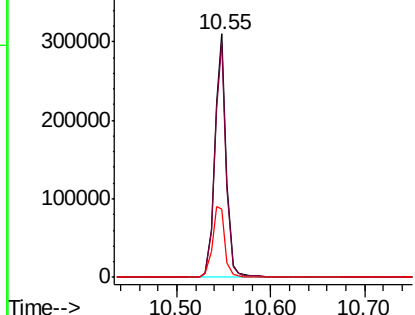
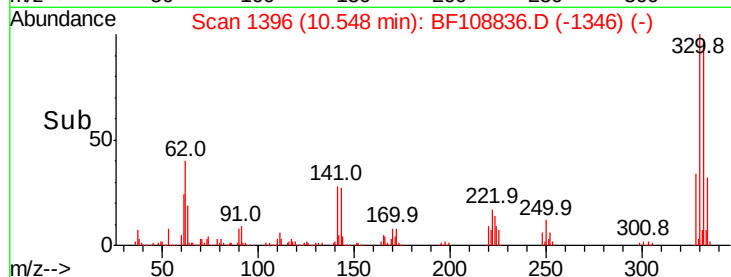


Abundance

Ion 329.80 (329.50 to 330.50): E

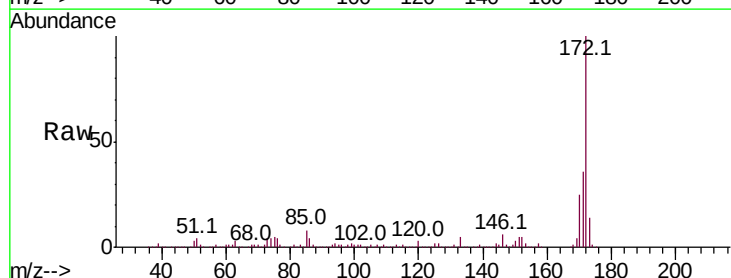
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 60.495 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108836.D
 Acq: 6 Sep 2018 21:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	25.0	19.6	29.4

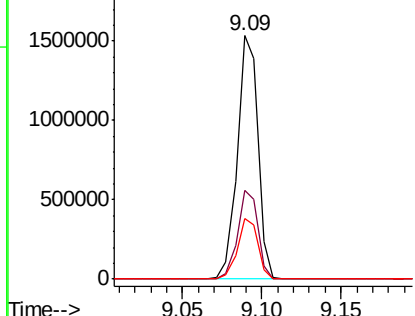
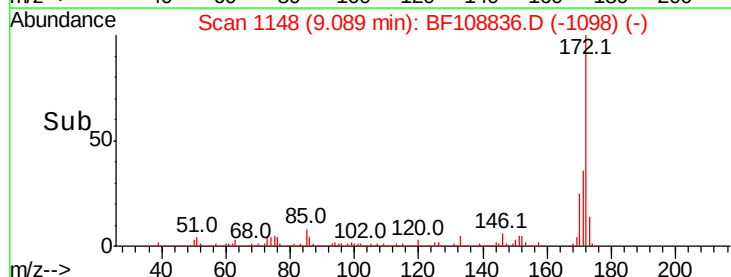


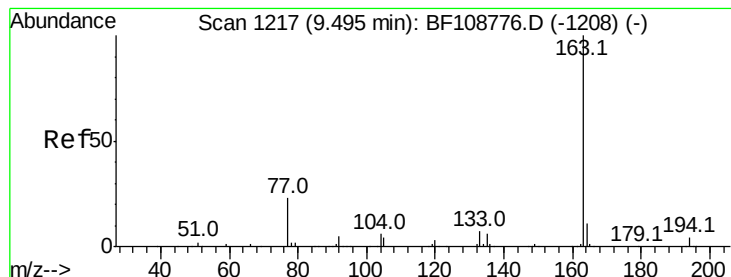
Abundance

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: 17.641 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108836.D

Acq: 6 Sep 2018 21:09

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G7

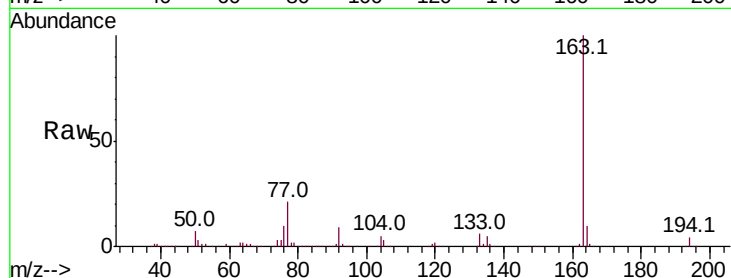
Tot Ion:163 Resp: 482121

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

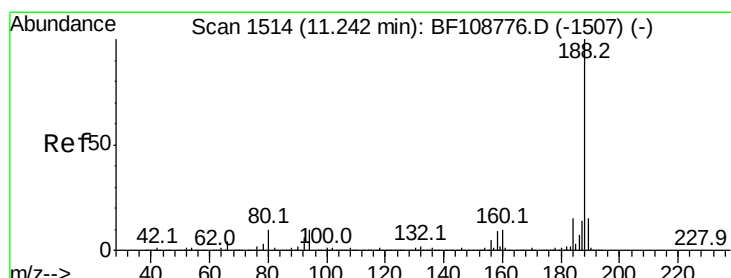
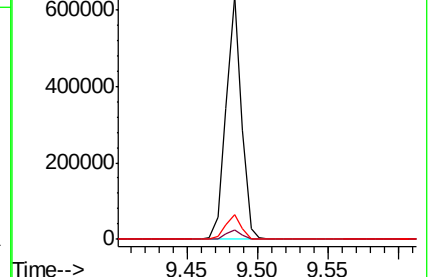
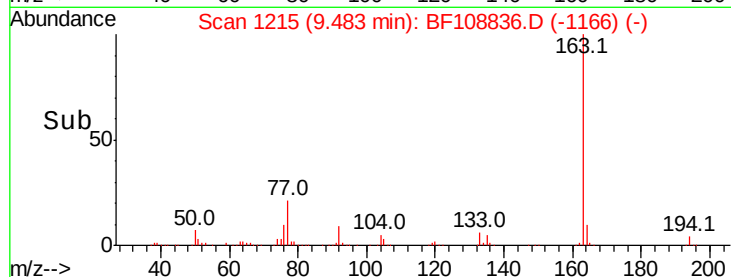
164 10.4 8.2 12.2



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: BF108836.D

Acq: 6 Sep 2018 21:09

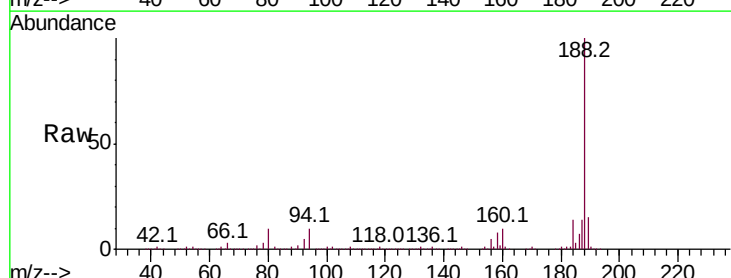
Tgt Ion:188 Resp: 651309

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

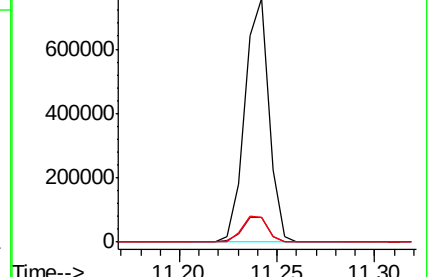
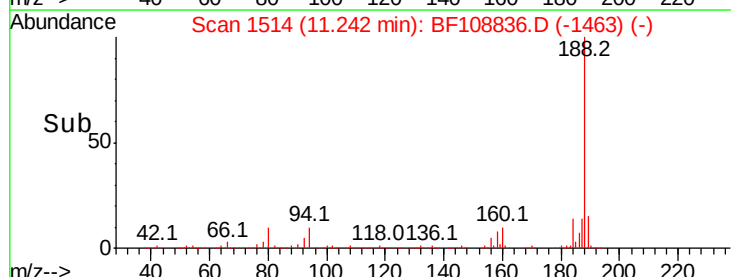
80 10.1 9.2 13.8

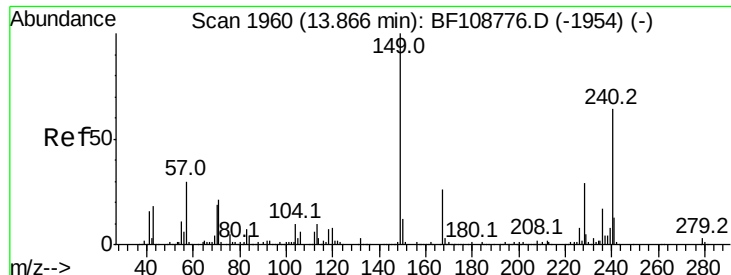


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF108836.D

Acq: 6 Sep 2018 21:09

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G7

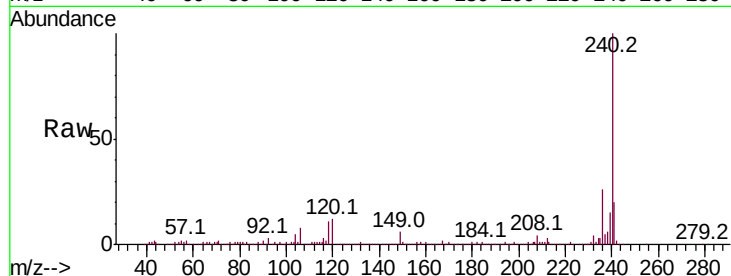
Tot Ion:240 Resp: 576800

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

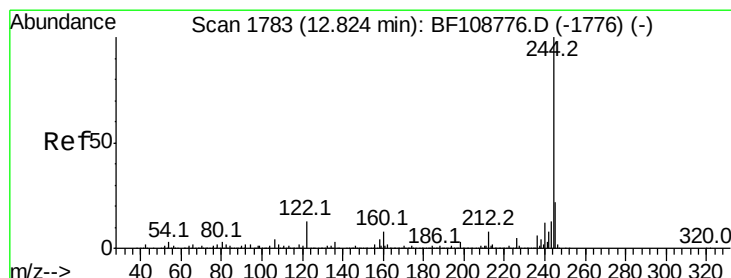
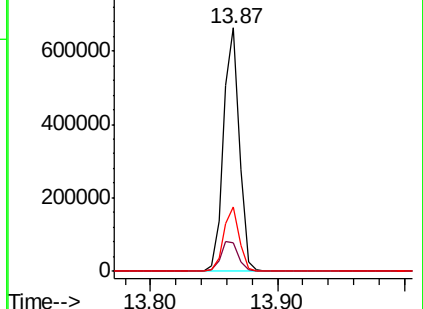
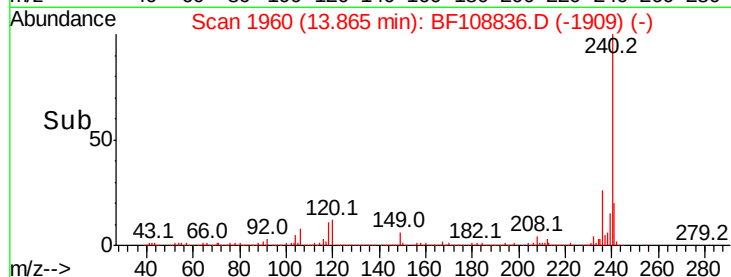
236 26.4 20.7 31.1



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: 45.618 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108836.D

Acq: 6 Sep 2018 21:09

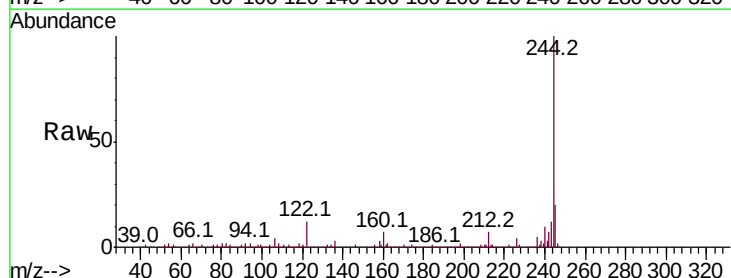
Tgt Ion:244 Resp: 1128370

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

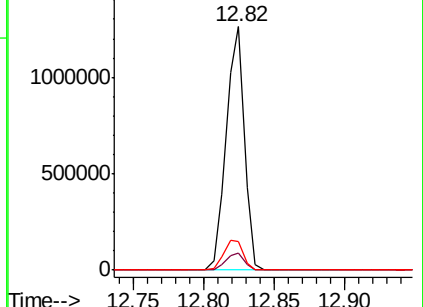
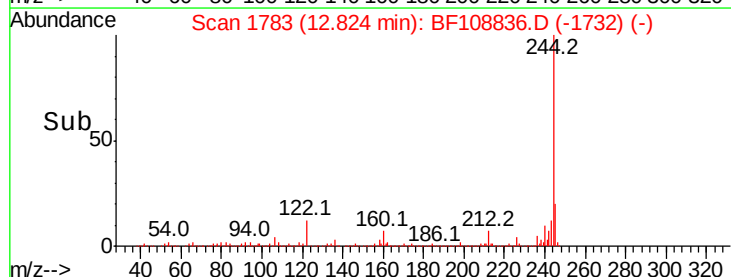
122 11.7 11.0 16.4

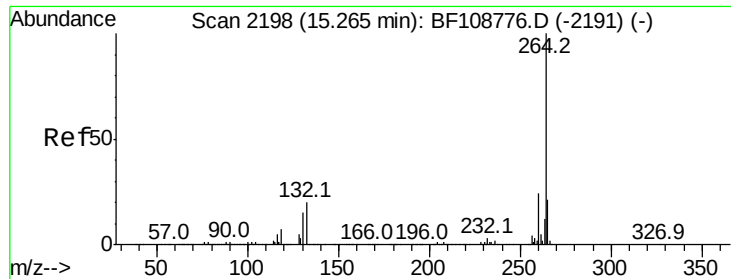


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

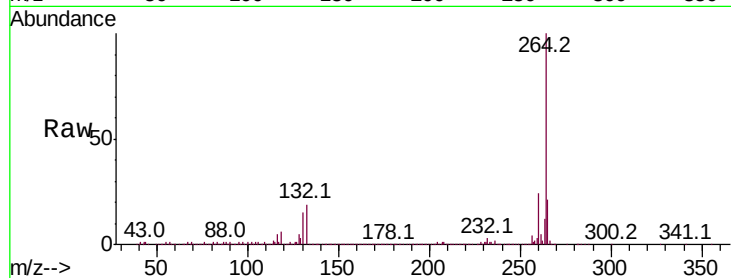




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
800000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

