

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107356.D
 Acq On : 13 Jul 2018 10:25
 Operator : JU/SJ
 Sample : J3828-01 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-071018-A

Quant Time: Jul 13 11:39:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

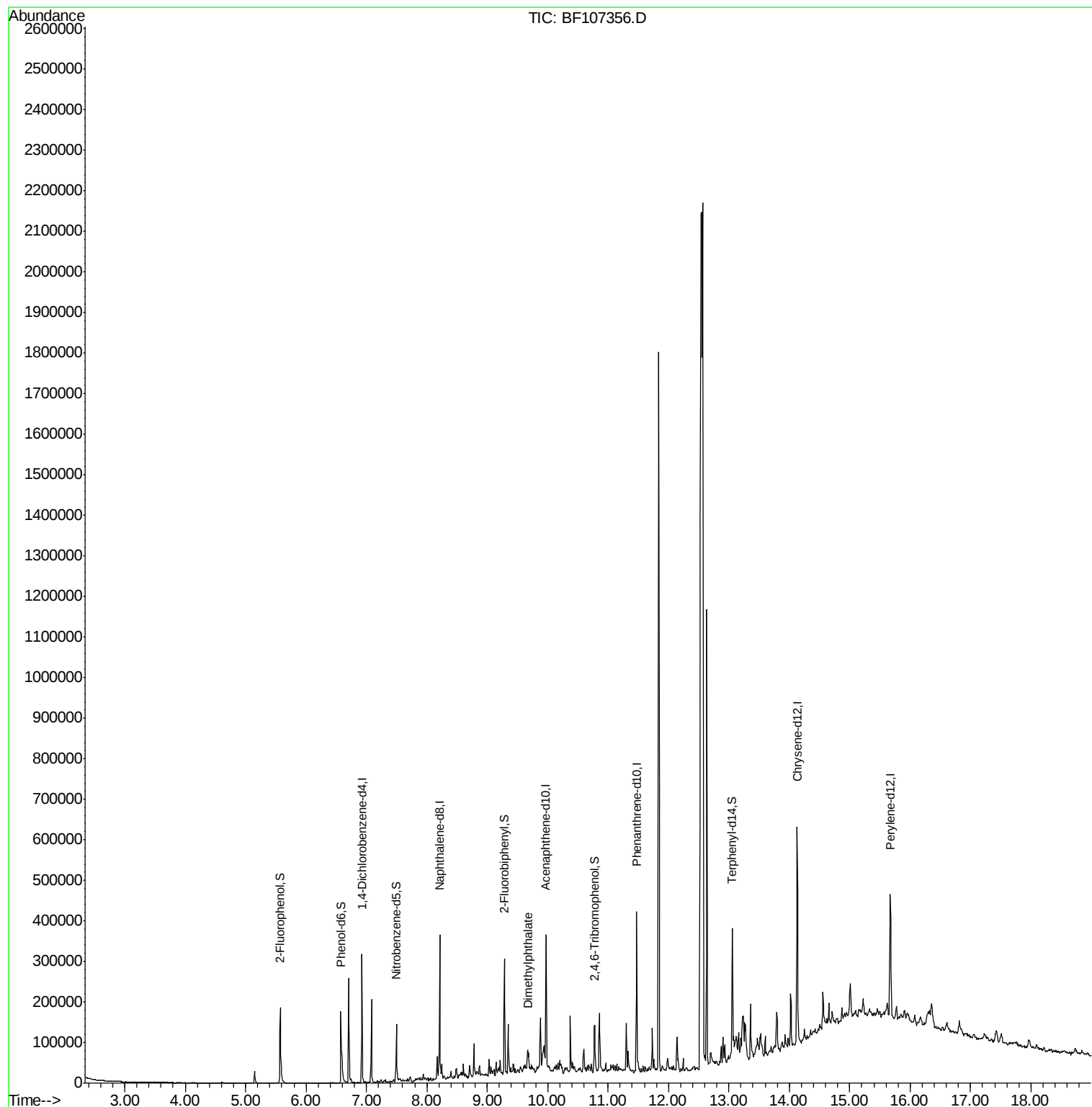
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	49139	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	167604	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	70241	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	139300	20.00	ng	0.00
75) Chrysene-d12	14.13	240	180623	20.00	ng	-0.01
86) Perylene-d12	15.67	264	159954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	71210	24.54	ng	0.00
7) Phenol-d6	6.58	99	82842	22.86	ng	0.00
23) Nitrobenzene-d5	7.50	82	49970	16.57	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	17659	21.69	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	86333	7.32	ng	-0.01
78) Terphenyl-d14	13.05	244	114235	15.32	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.68	163	11513	2.185	ng	98

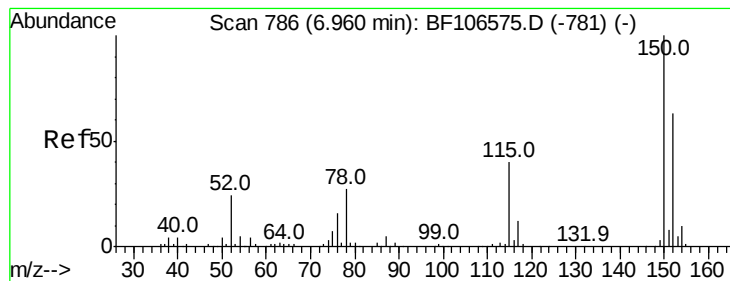
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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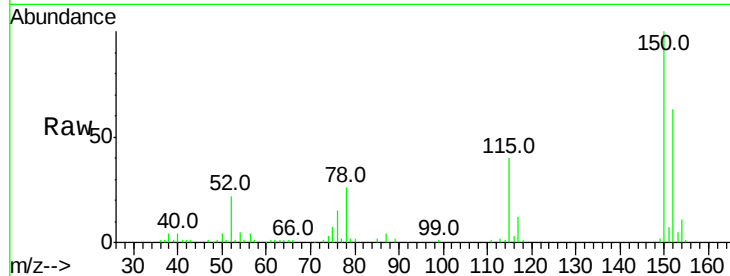


#1

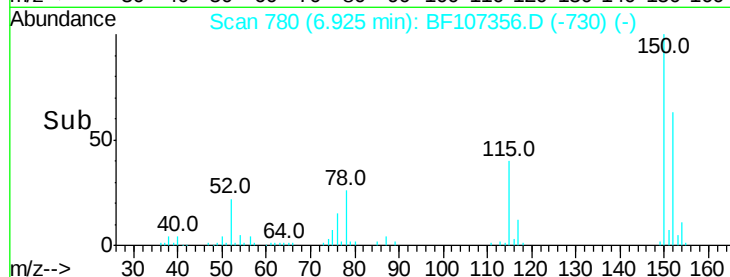
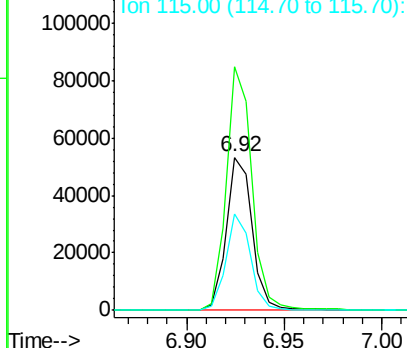
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107356.D
Acq: 13 Jul 2018 10:25

Instrument :
BNA_F
ClientSampleId :
EO-01-071018-A

Tot Ion:152 Resp: 49139
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 62.8 50.1 75.1



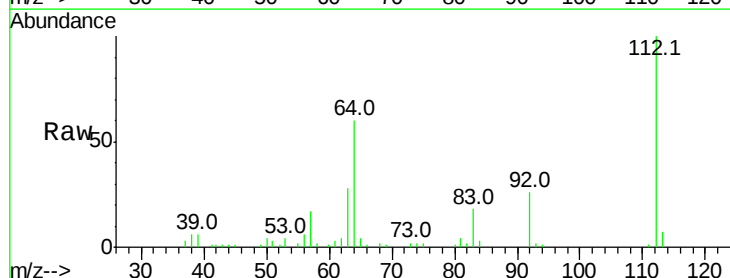
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



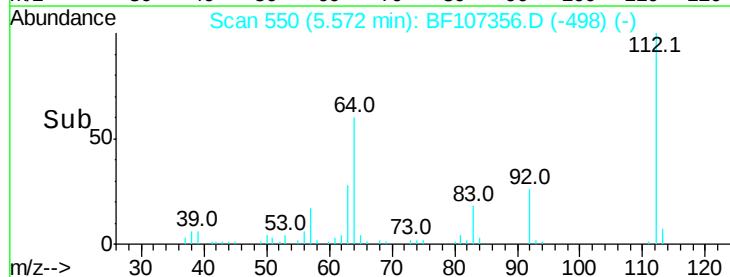
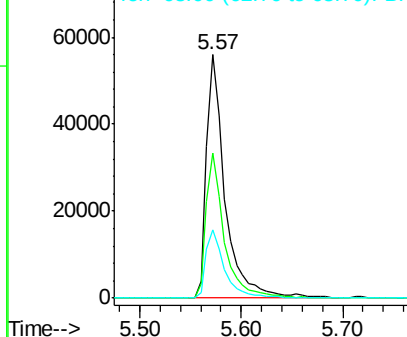
#5

2-Fluorophenol
Concen: 24.539 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107356.D
Acq: 13 Jul 2018 10:25

Tgt Ion:112 Resp: 71210
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 27.8 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: 22.860 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF107356.D

Acq: 13 Jul 2018 10:25

Instrument :

BNA_F

ClientSampleId :

EO-01-071018-A

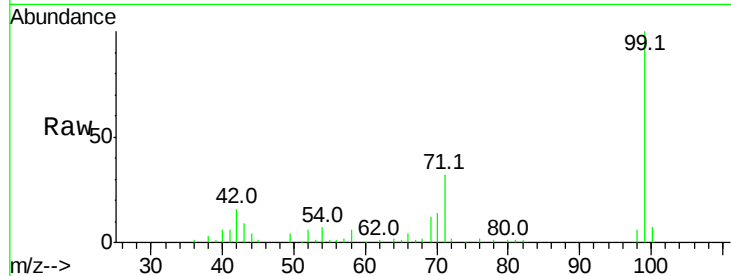
Tot Ion: 99 Resp: 82842

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

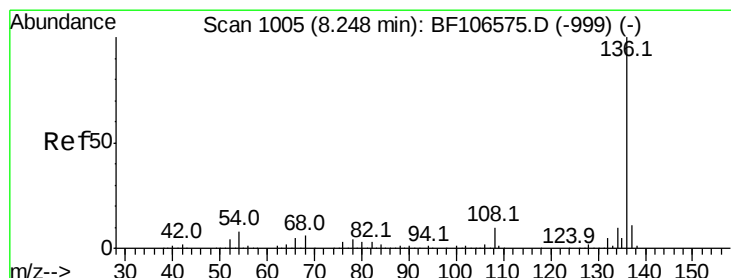
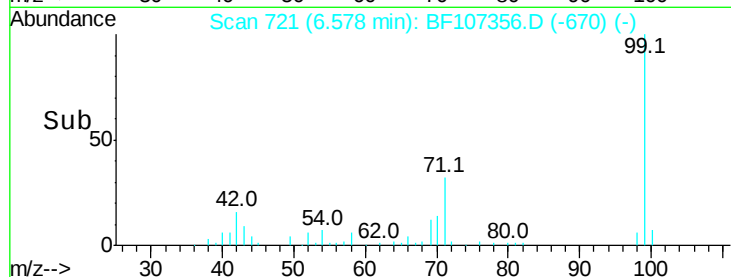
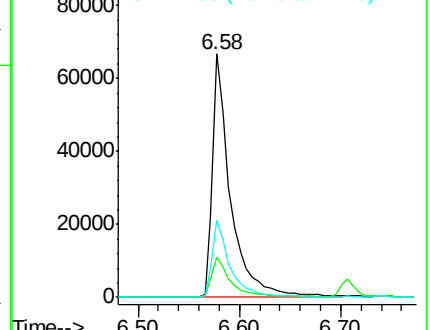
71 31.7 25.4 38.0



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: 8.21 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF107356.D

Acq: 13 Jul 2018 10:25

Tgt Ion: 136 Resp: 167604

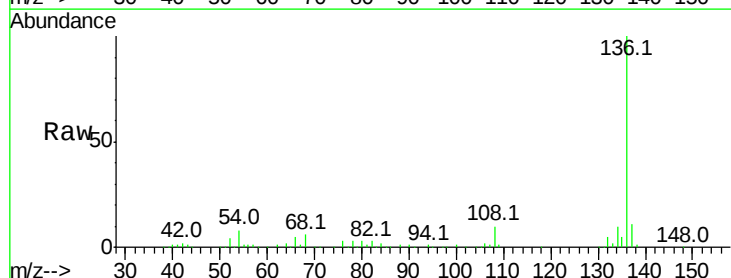
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 6.2 5.0 7.4

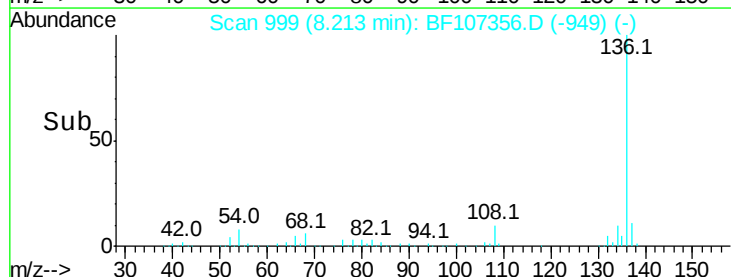
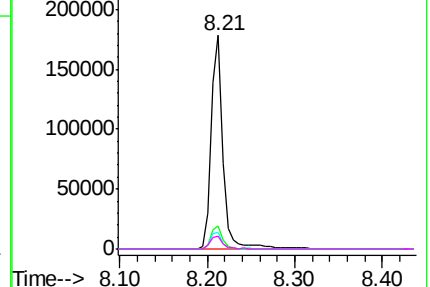


Abundance Ion 136.00 (135.70 to 136.70): E

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

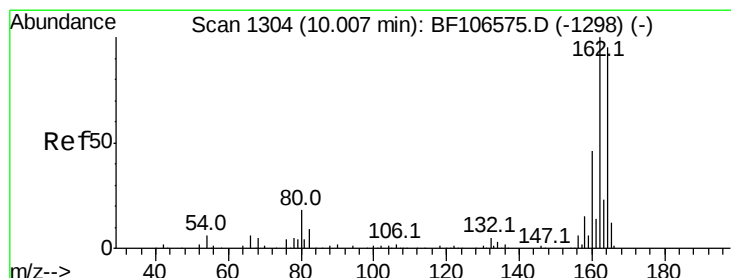
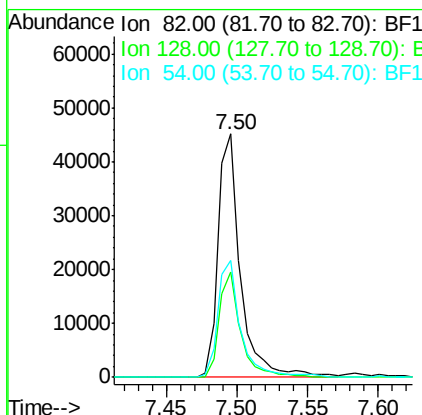
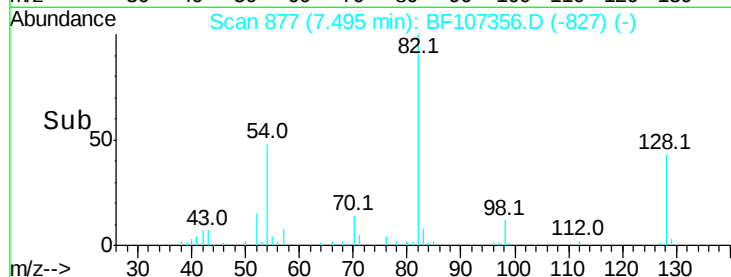
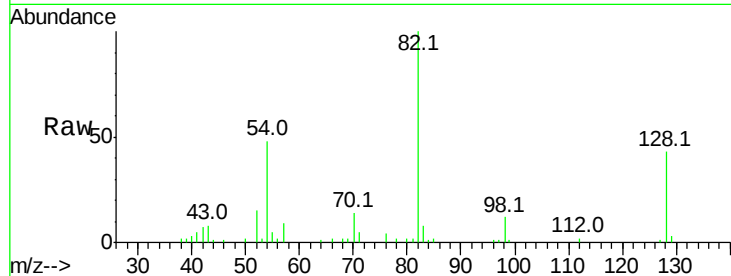




#23
 Nitrobenzene-d5
 Concen: 16.569 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107356.D
 Acq: 13 Jul 2018 10:25

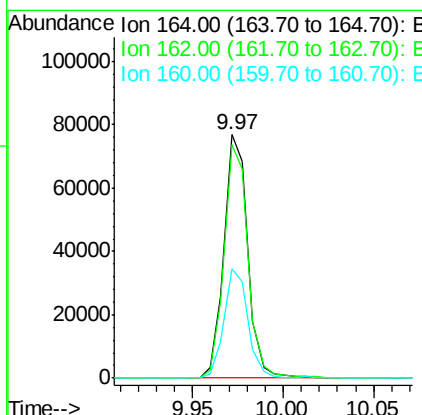
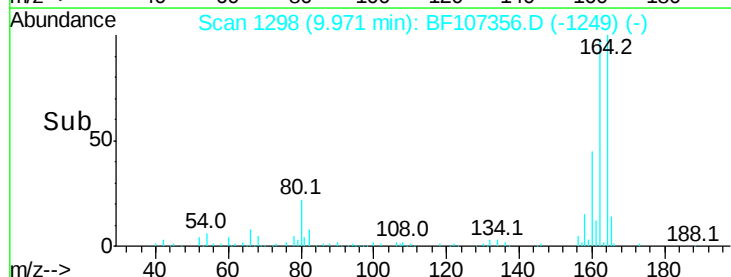
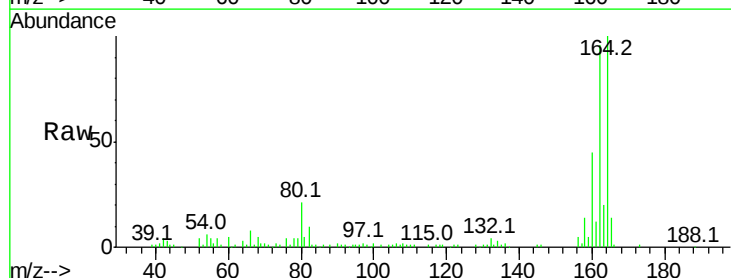
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-071018-A

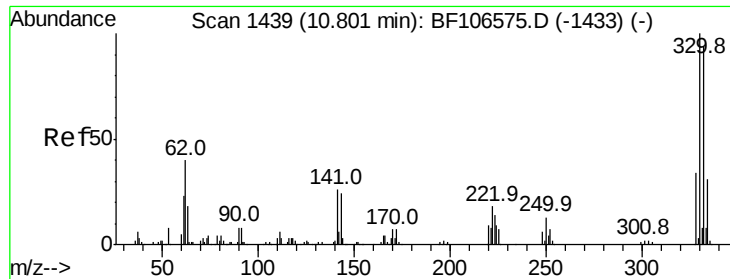
Tot Ion: 82 Resp: 49970
 Ion Ratio Lower Upper
 82 100
 128 43.2 36.1 54.1
 54 47.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF107356.D
 Acq: 13 Jul 2018 10:25

Tgt Ion:164 Resp: 70241
 Ion Ratio Lower Upper
 164 100
 162 95.9 86.1 129.1
 160 44.7 38.3 57.5

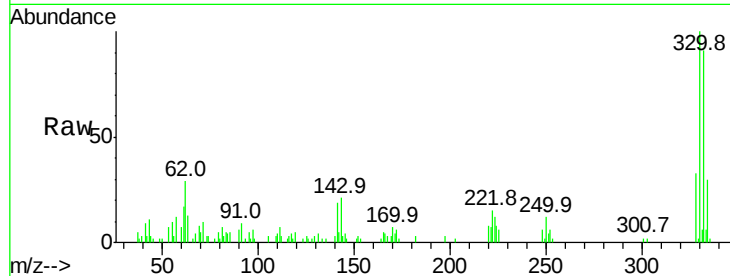




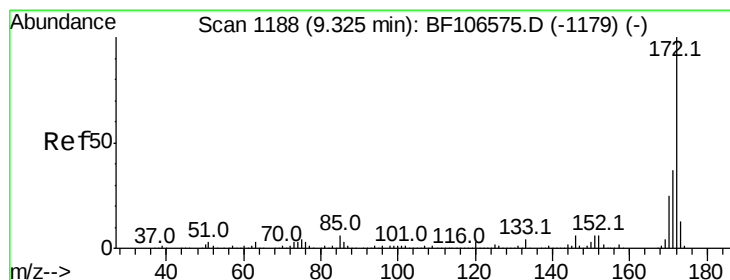
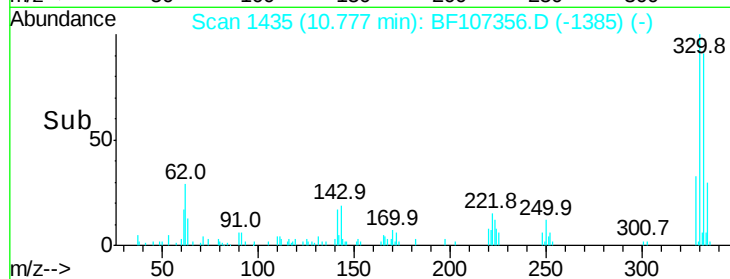
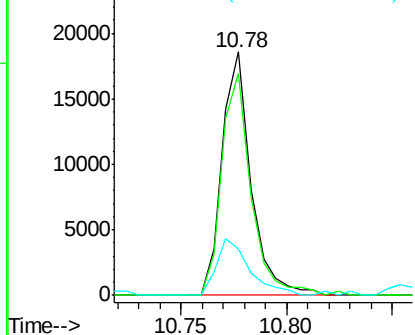
#41
 2,4,6-Tribromophenol
 Concen: 21.691 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF107356.D
 Acq: 13 Jul 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-071018-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	26.4	29.9	44.9#

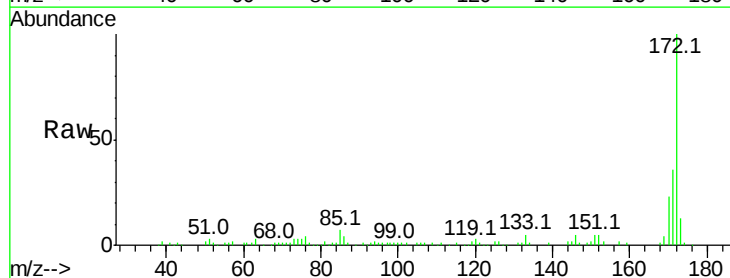


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

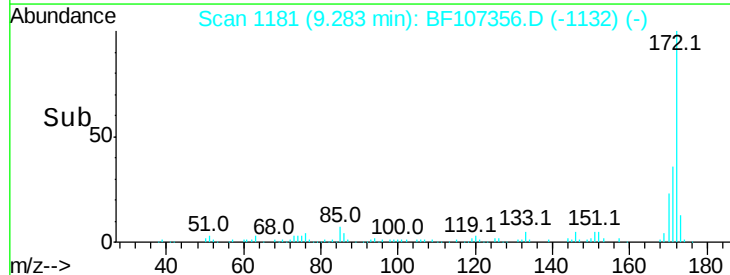
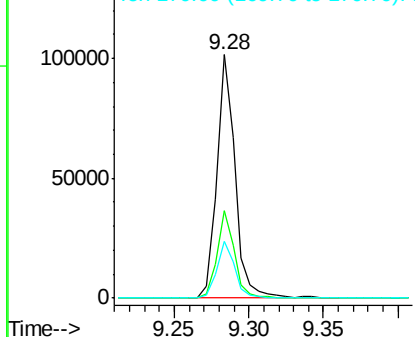


#44
 2-Fluorobiphenyl
 Concen: 7.324 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107356.D
 Acq: 13 Jul 2018 10:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.1	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: 2.185 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107356.D

Acq: 13 Jul 2018 10:25

Instrument :

BNA_F

ClientSampleId :

EO-01-071018-A

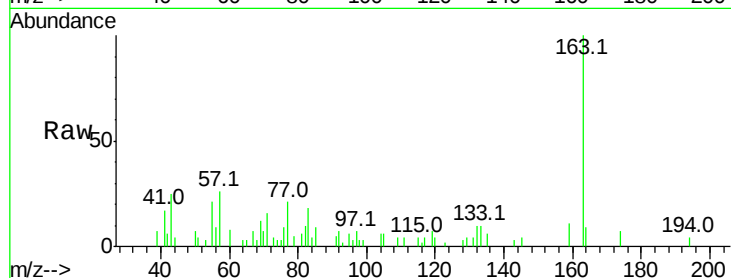
Tot Ion:163 Resp: 11513

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

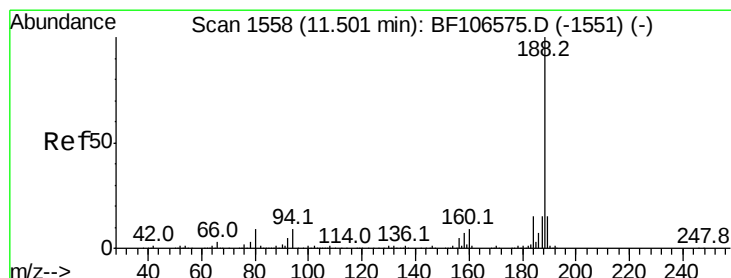
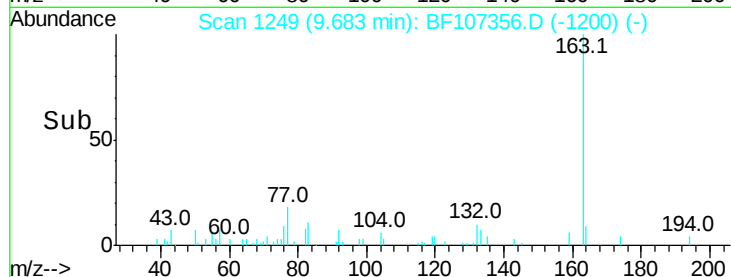
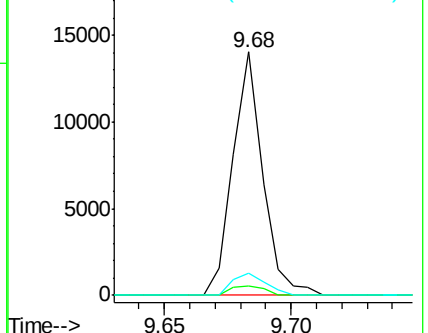
164 9.3 8.2 12.2



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: 11.47 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF107356.D

Acq: 13 Jul 2018 10:25

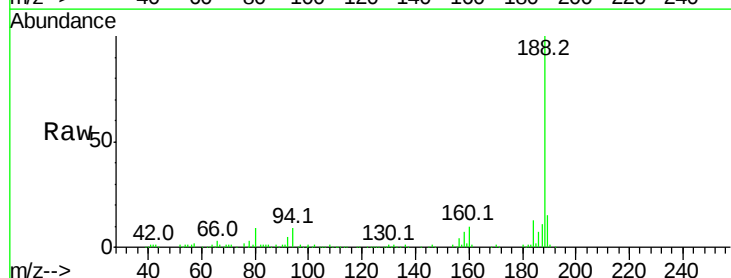
Tgt Ion:188 Resp: 139300

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

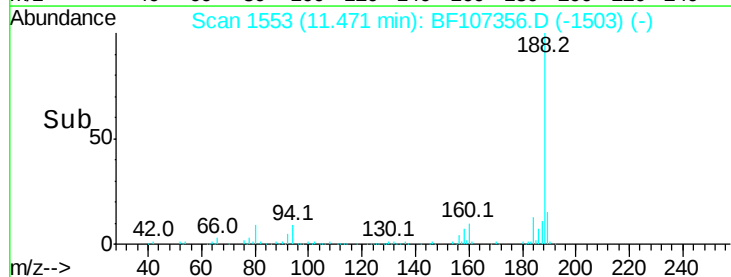
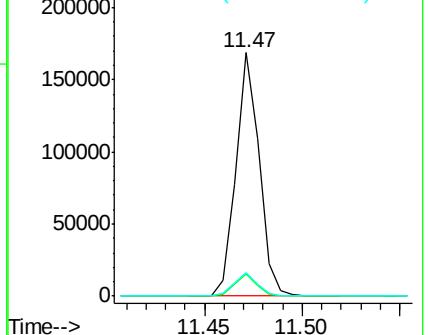
80 9.5 9.2 13.8

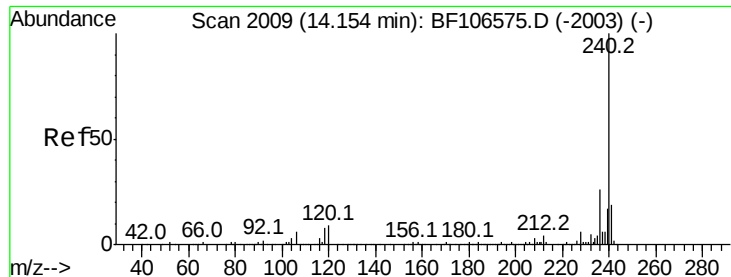


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107356.D

Acq: 13 Jul 2018 10:25

Instrument :

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EO-01-071018-A

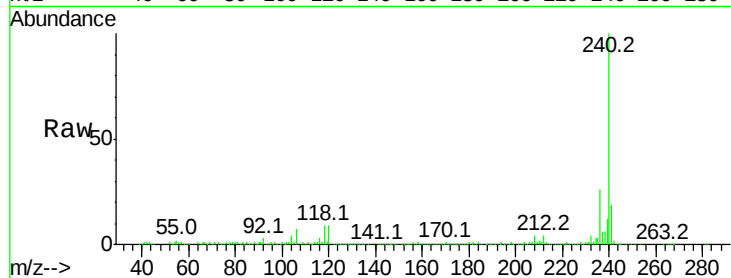
Tot Ion:240 Resp: 180623

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

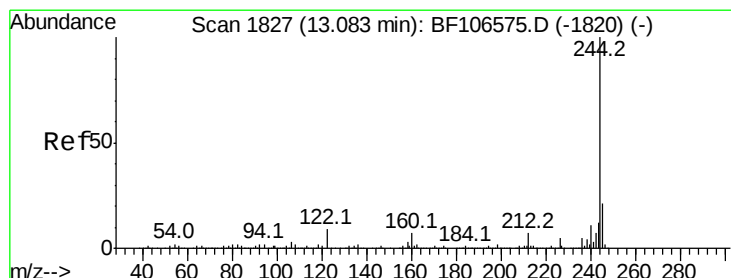
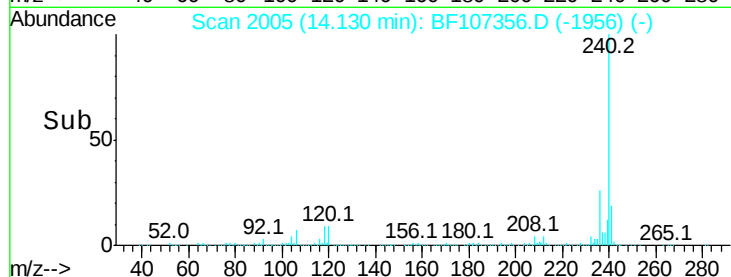
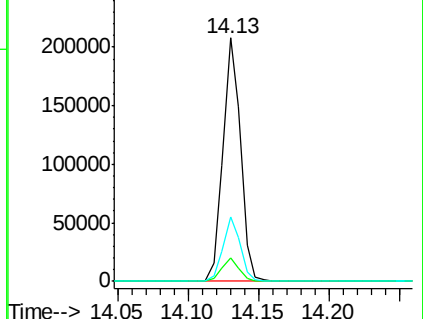
236 26.3 20.7 31.1



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: 15.320 ng

RT: 13.05 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF107356.D

Acq: 13 Jul 2018 10:25

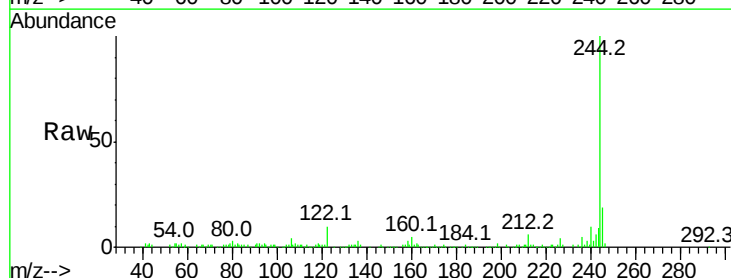
Tgt Ion:244 Resp: 114235

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

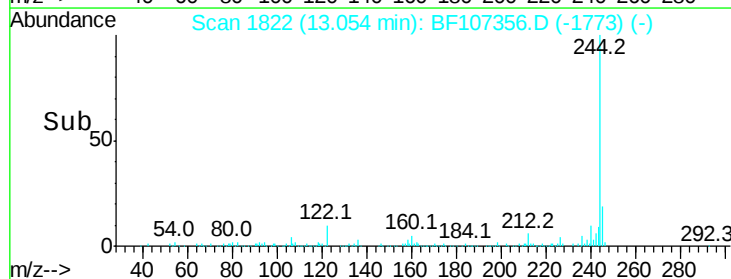
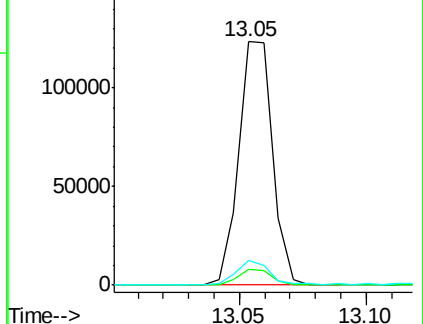
122 10.0 11.0 16.4#

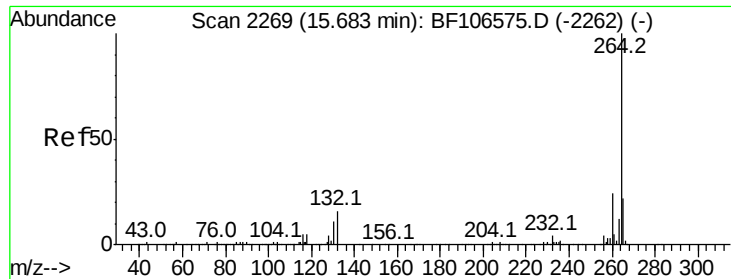


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

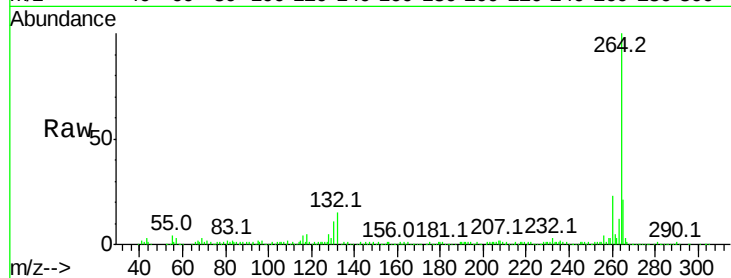




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF107356.D
Acq: 13 Jul 2018 10:25

Instrument :
BNA_F
ClientSampleId :
EO-01-071018-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

