

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
 Data File : BF107346.D
 Acq On : 12 Jul 2018 18:28
 Operator : JU/SJ
 Sample : J3828-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jul 12 19:14:38 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

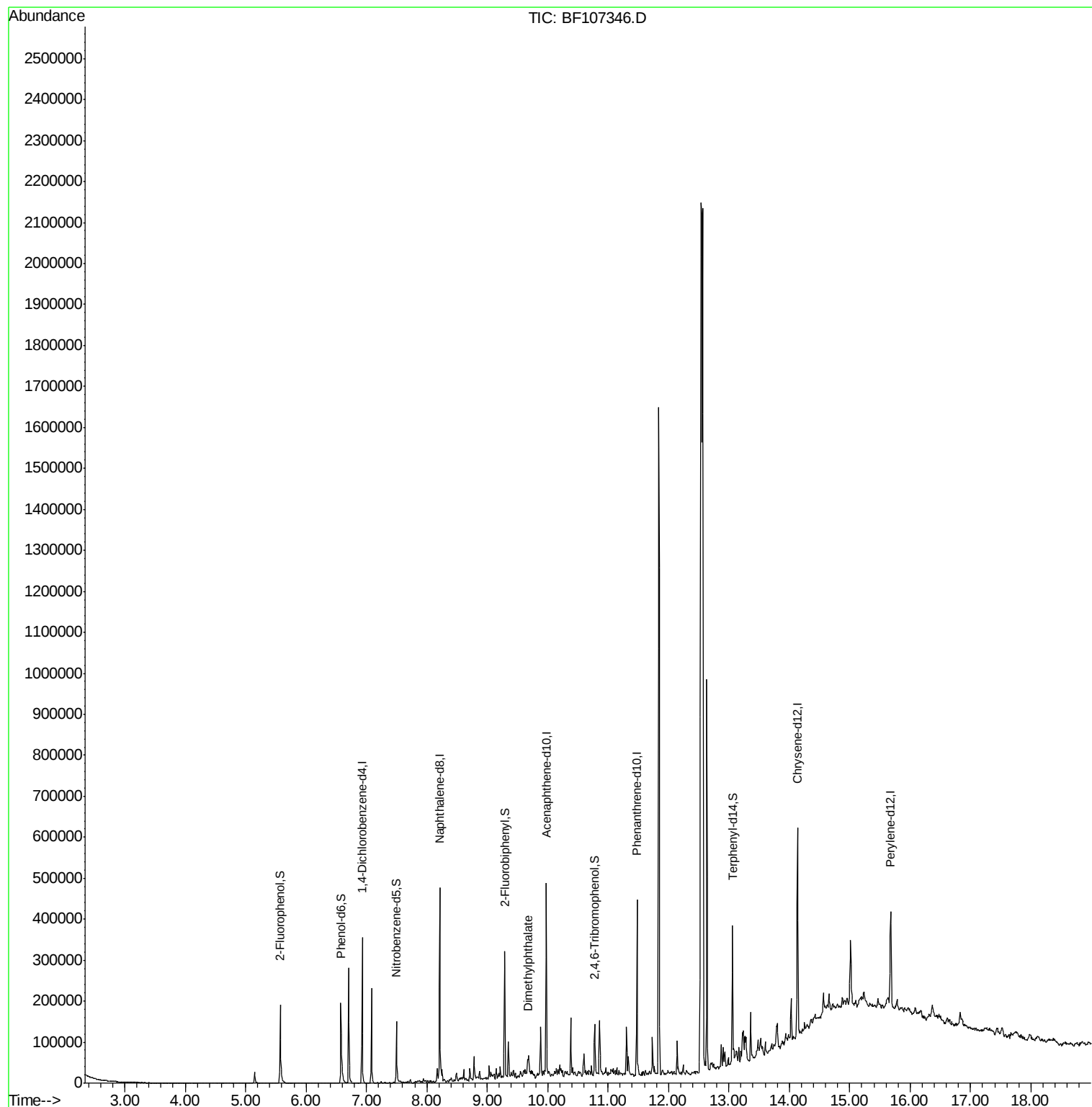
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	57366	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	215762	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	91678	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	160129	20.00	ng	0.00
75) Chrysene-d12	14.14	240	168538	20.00	ng	0.00
86) Perylene-d12	15.68	264	122291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	75181	22.19	ng	0.00
7) Phenol-d6	6.58	99	93506	22.10	ng	0.00
23) Nitrobenzene-d5	7.50	82	54095	13.93	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	18063	17.00	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	102594	5.07	ng	0.00
78) Terphenyl-d14	13.06	244	106789	15.35	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.68	163	14777	2.149	ng	96

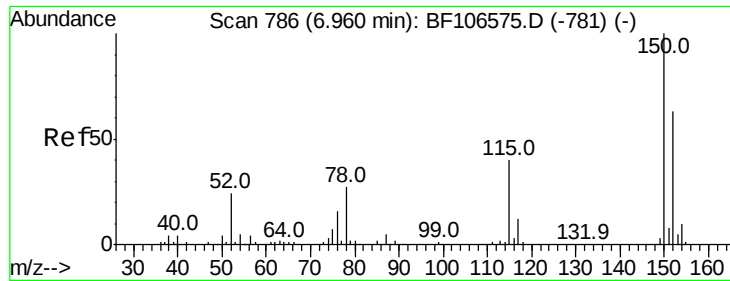
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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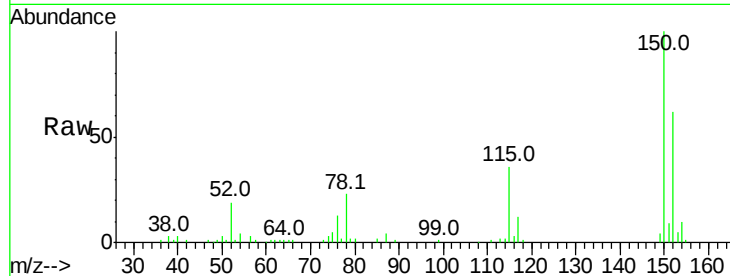


#1

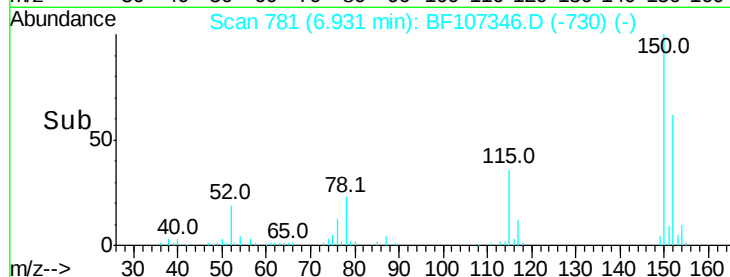
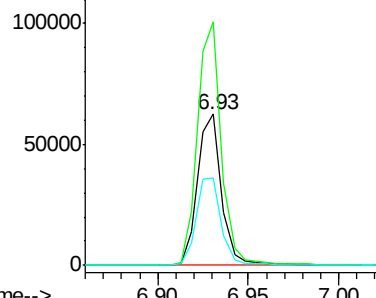
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF107346.D
 Acq: 12 Jul 2018 18:28

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.6	186.8
115	57.7	50.1	75.1



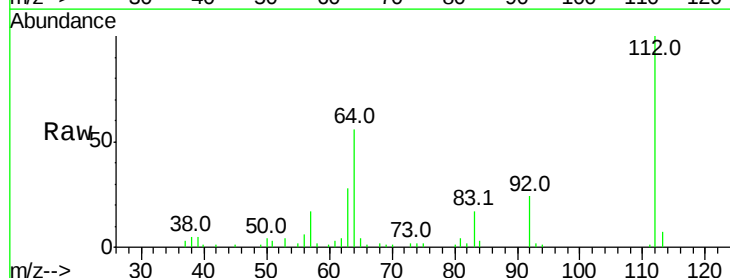
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



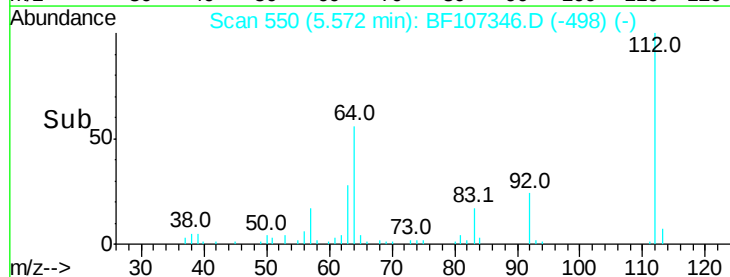
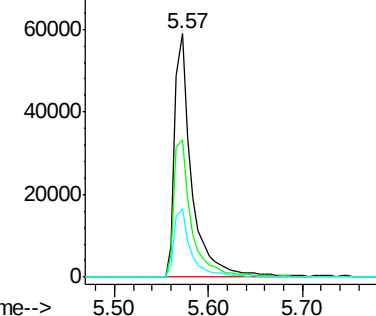
#5

2-Fluorophenol
 Concen: 22.192 ng
 RT: 5.57 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF107346.D
 Acq: 12 Jul 2018 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	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: 22.102 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF107346.D

Acq: 12 Jul 2018 18:28

Instrument :

BNA_F

ClientSampleId :

EO-01-071018-C

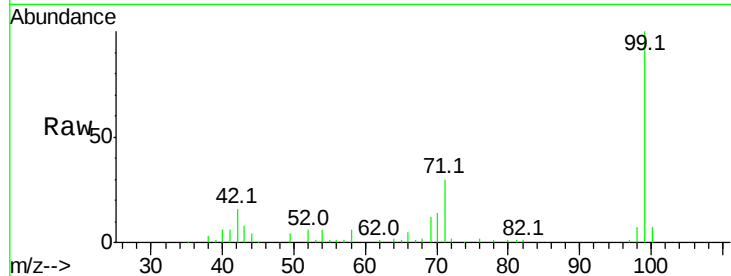
Tot Ion: 99 Resp: 93506

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

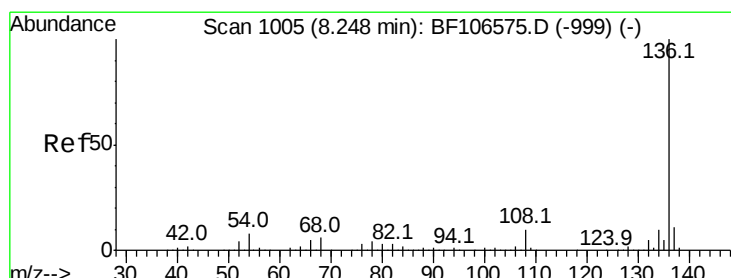
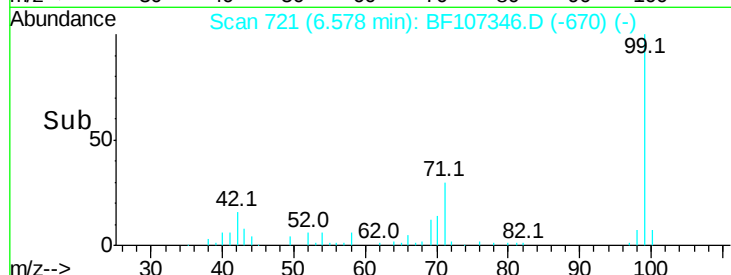
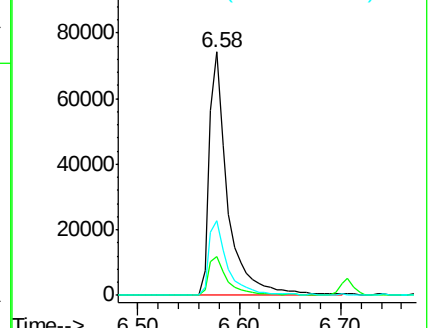
71 30.4 25.4 38.0



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: BF107346.D

Acq: 12 Jul 2018 18:28

Tgt Ion: 136 Resp: 215762

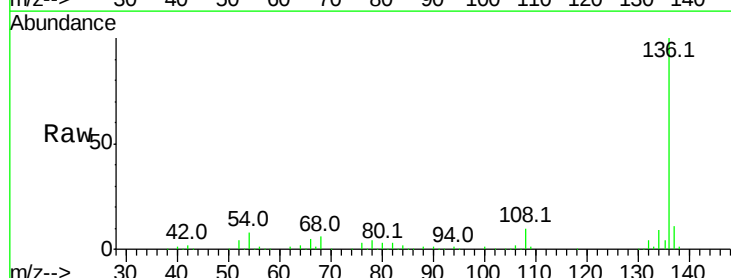
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.3 6.6 9.8

68 6.4 5.0 7.4

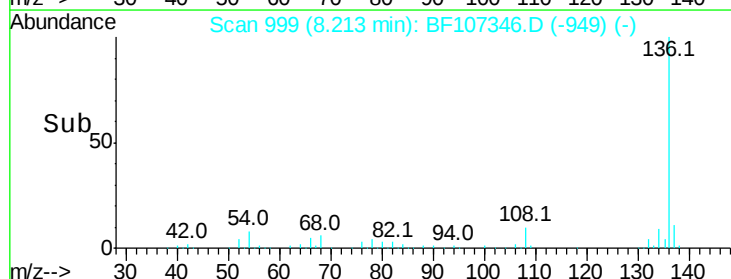
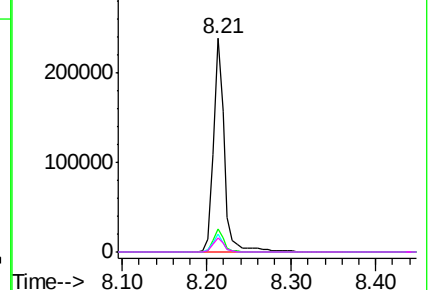


Abundance Ion 136.00 (135.70 to 136.70): E

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

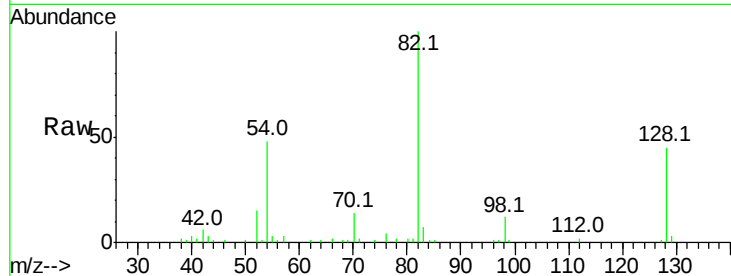




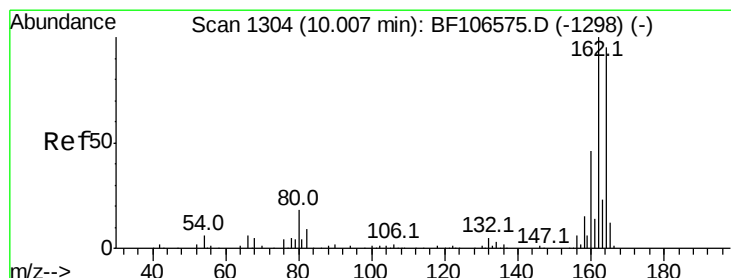
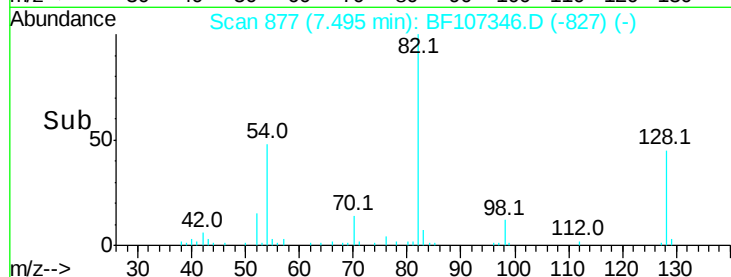
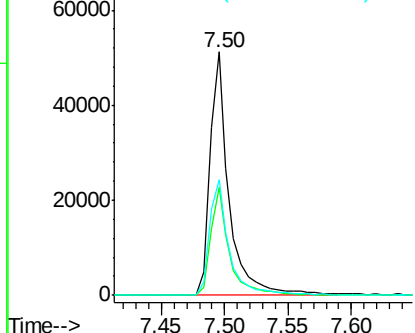
#23
 Nitrobenzene-d5
 Concen: 13.933 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107346.D
 Acq: 12 Jul 2018 18:28

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

Tot Ion: 82 Resp: 54095
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.1 54.1
 54 47.7 41.4 62.2

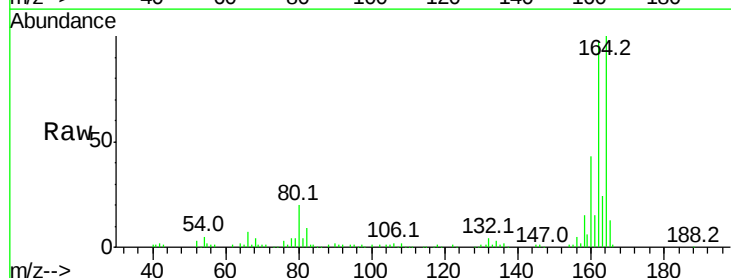


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

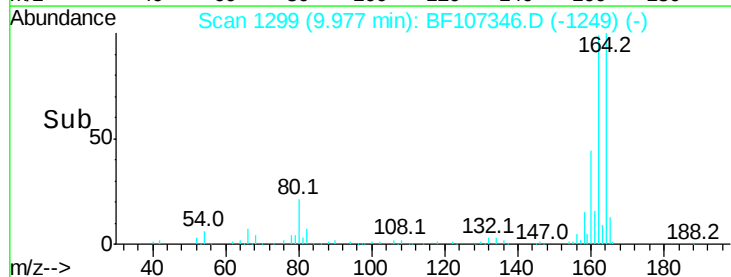
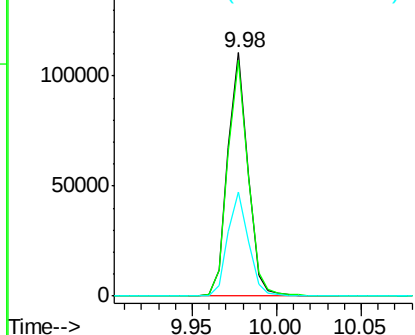


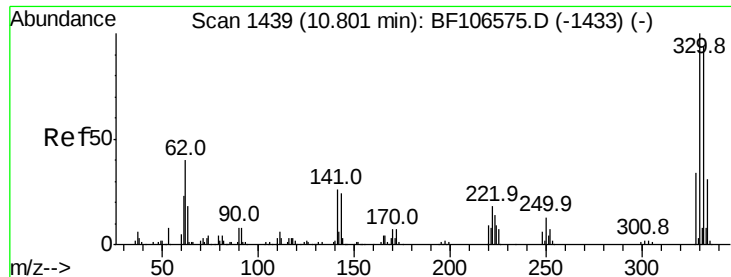
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF107346.D
 Acq: 12 Jul 2018 18:28

Tgt Ion: 164 Resp: 91678
 Ion Ratio Lower Upper
 164 100
 162 96.9 86.1 129.1
 160 42.8 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

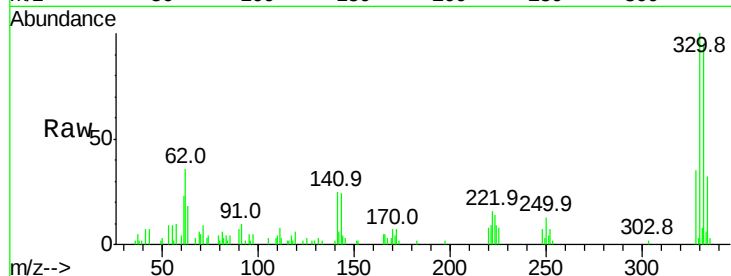




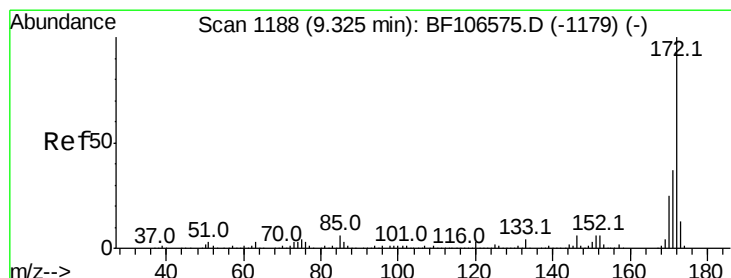
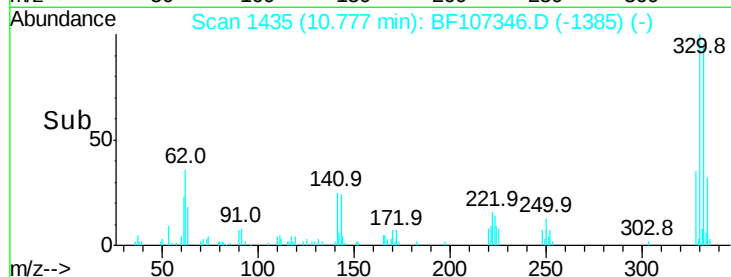
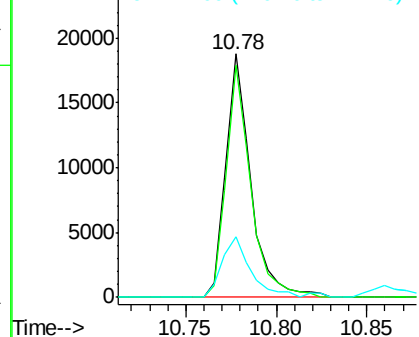
#41
 2,4,6-Tribromophenol
 Concen: 16.999 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF107346.D
 Acq: 12 Jul 2018 18:28

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	28.4	29.9	44.9#

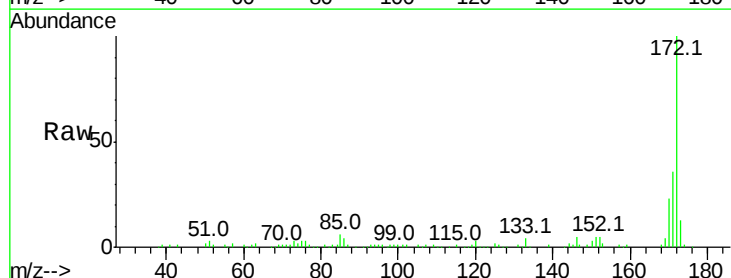


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

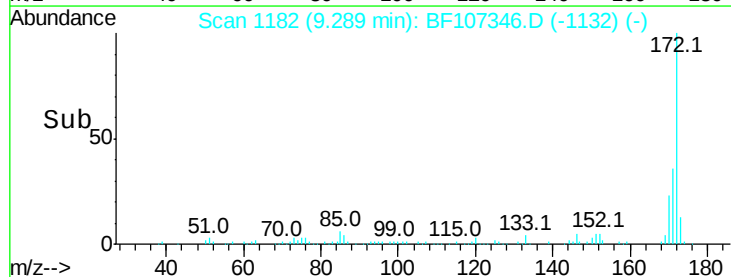
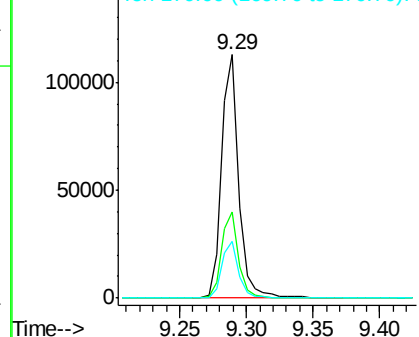


#44
 2-Fluorobiphenyl
 Concen: 5.070 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107346.D
 Acq: 12 Jul 2018 18:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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

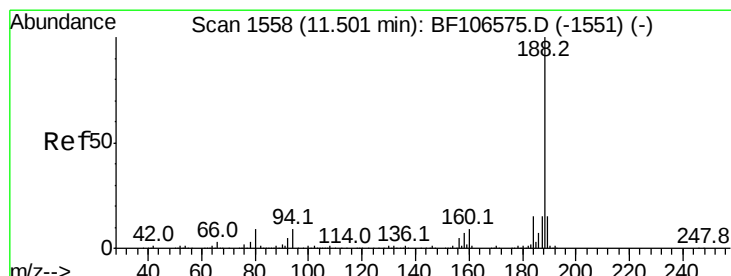
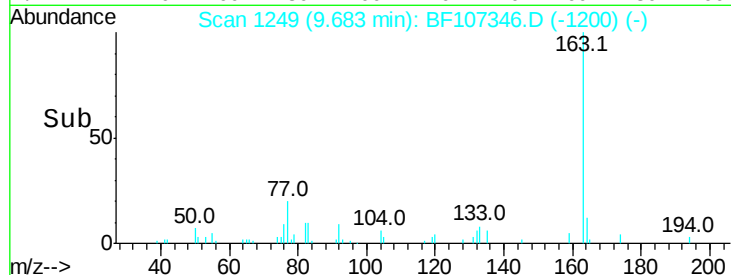
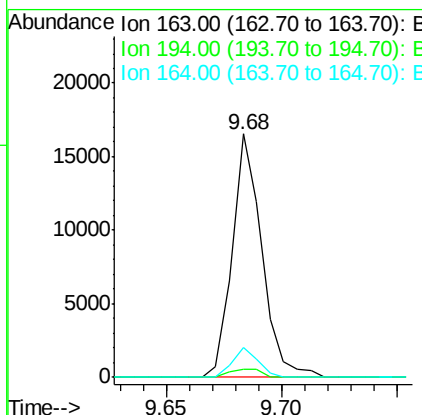
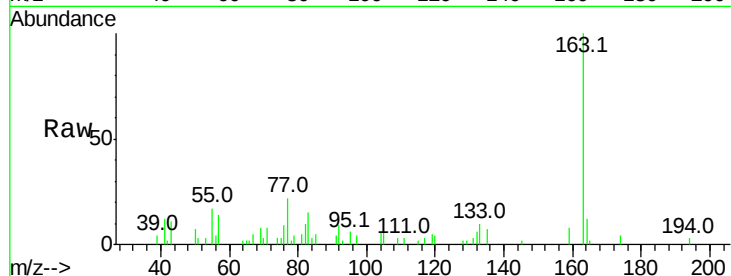




#49
Dimethylphthalate
Concen: 2.149 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107346.D
Acq: 12 Jul 2018 18:28

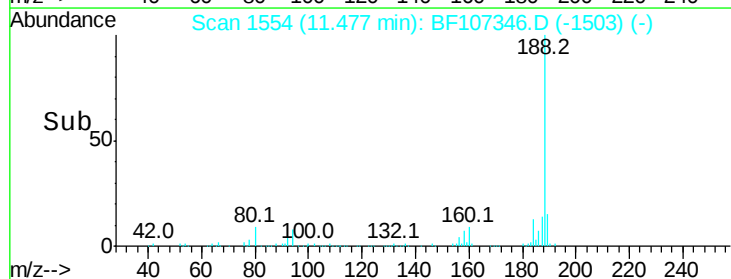
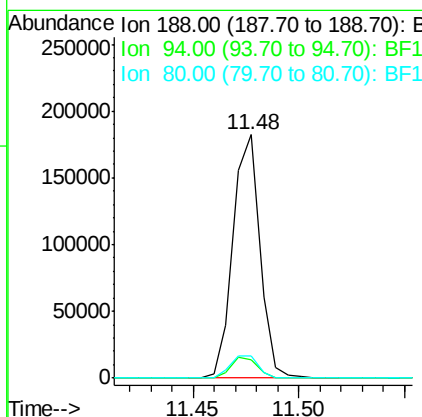
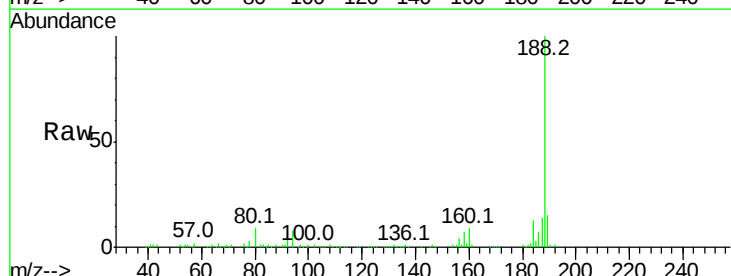
Instrument :
BNA_F
ClientSampleId :
EO-01-071018-C

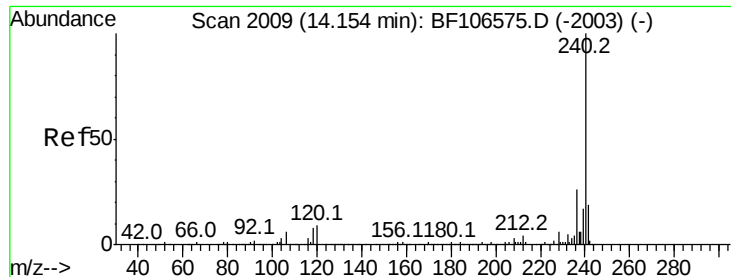
Tot Ion:163 Resp: 14777
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 12.0 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF107346.D
Acq: 12 Jul 2018 18:28

Tgt Ion:188 Resp: 160129
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.8 9.2 13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF107346.D

Acq: 12 Jul 2018 18:28

Instrument :

BNA_F

ClientSampleId :

EO-01-071018-C

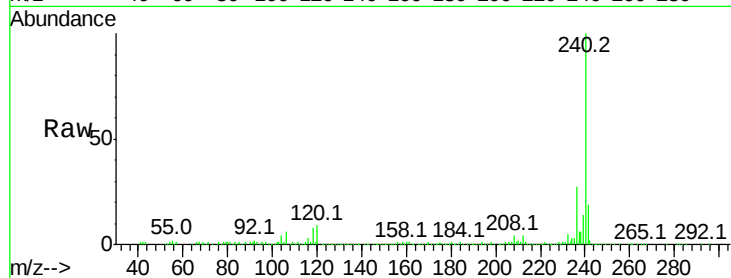
Tot Ion:240 Resp: 168538

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

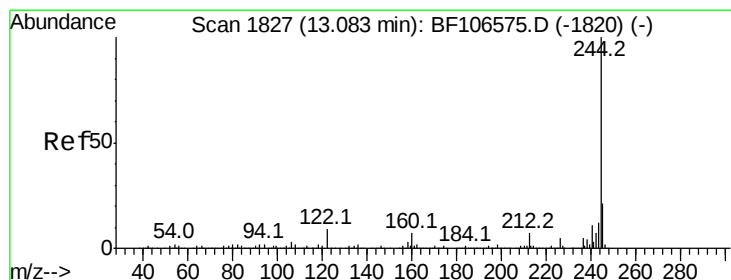
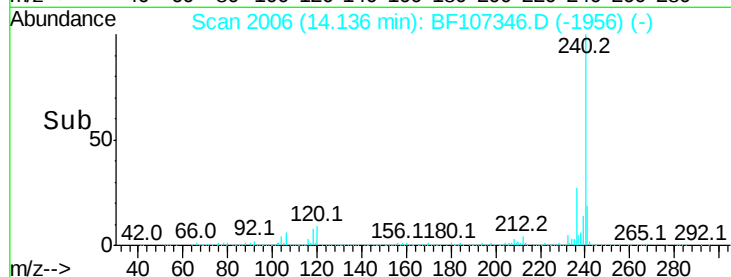
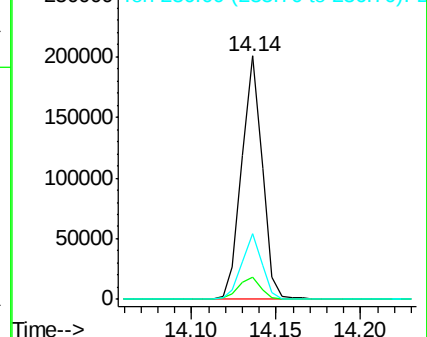
236 27.1 20.7 31.1



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: 15.348 ng

RT: 13.06 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF107346.D

Acq: 12 Jul 2018 18:28

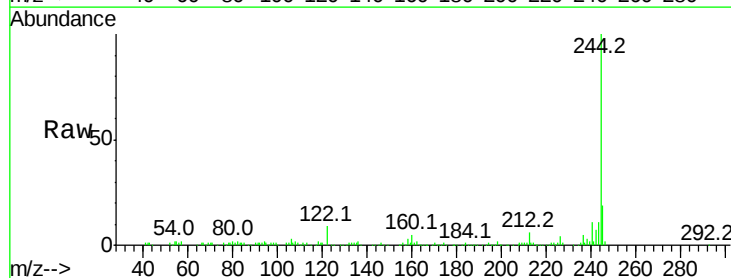
Tgt Ion:244 Resp: 106789

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

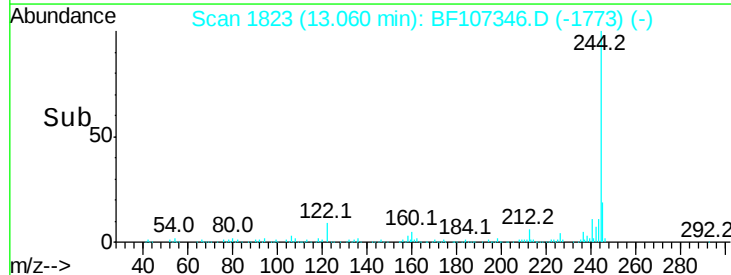
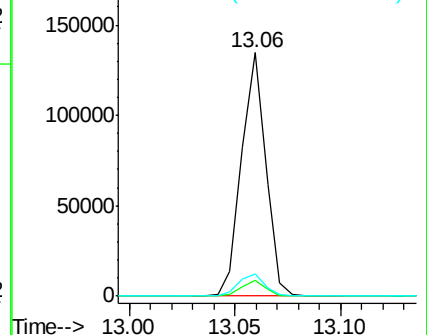
122 9.1 11.0 16.4#

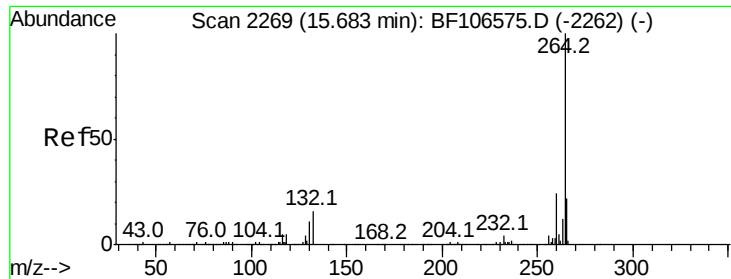


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BF107346.D
Acq: 12 Jul 2018 18:28

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

Tot Ion:	264	Resp:	122291
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3

