

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_G
 ClientSampleId :
 EO-01-071018-A

Quant Time: Jul 13 11:09:28 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

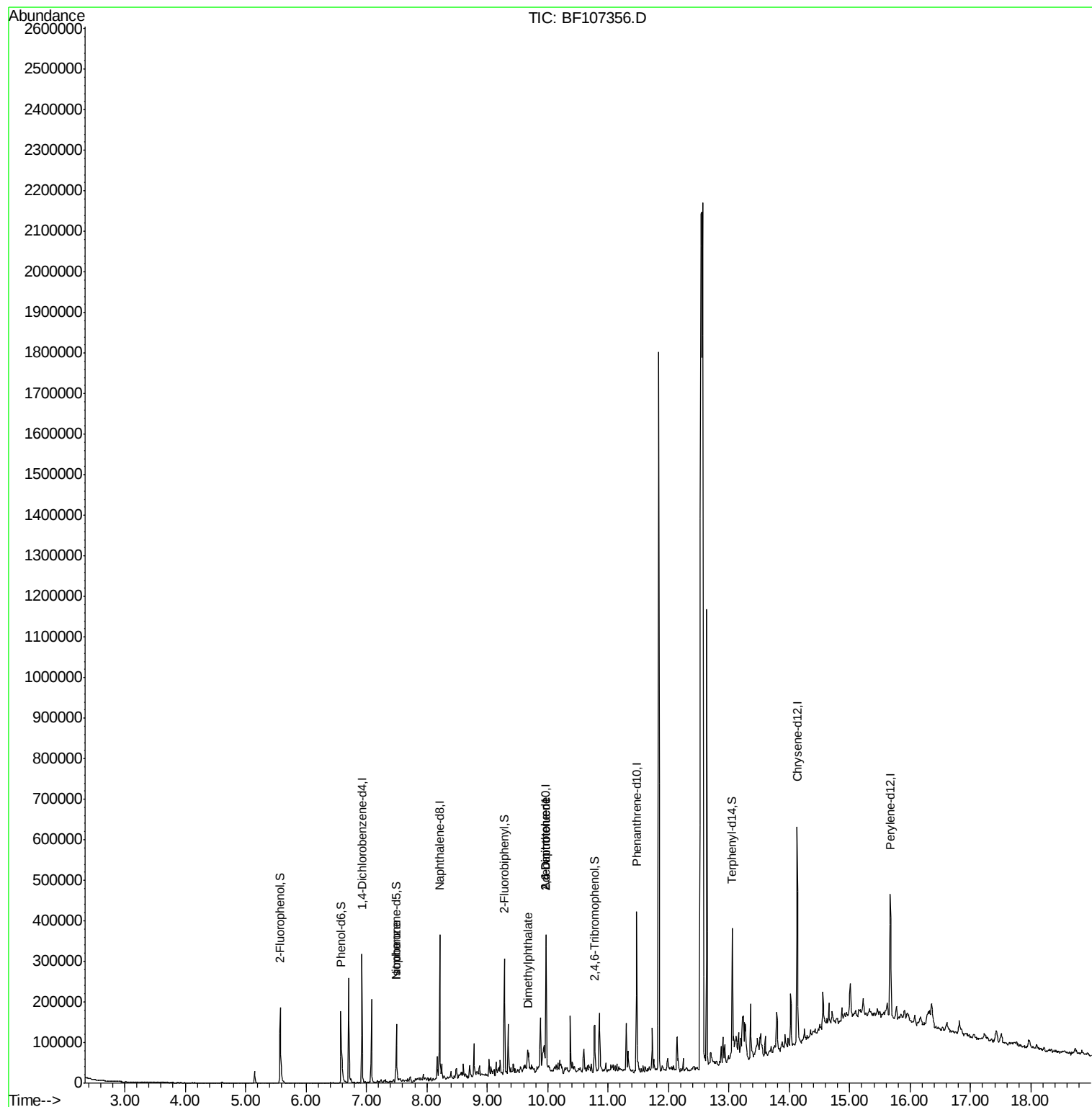
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	49139	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	167604	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	70241	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	139300	20.00	ng	0.00
75) Chrysene-d12	14.13	240	180623	20.00	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						
25) Isophorone	7.50	82	49970	9.403	ng	# 64
49) Dimethylphthalate	9.68	163	11513	2.185	ng	# 98
50) 2,6-Dinitrotoluene	9.97	165	10057	9.015	ng	# 24
56) 2,4-Dinitrotoluene	9.97	165	10057	6.907	ng	# 21

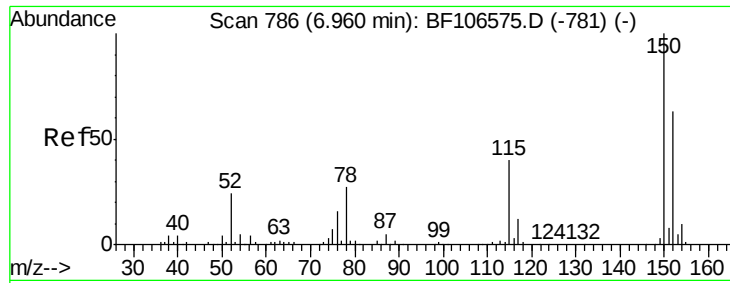
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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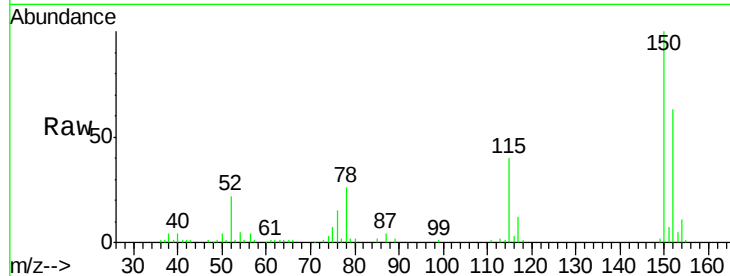




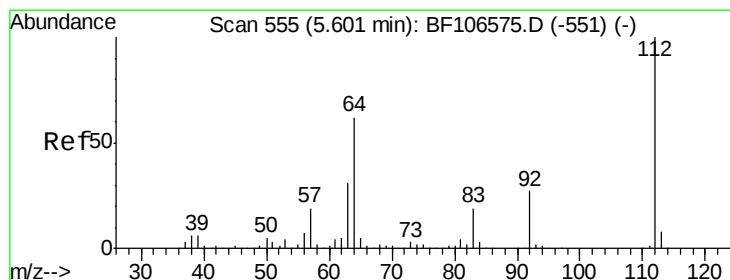
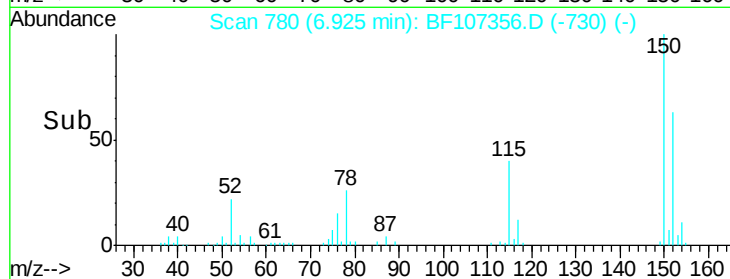
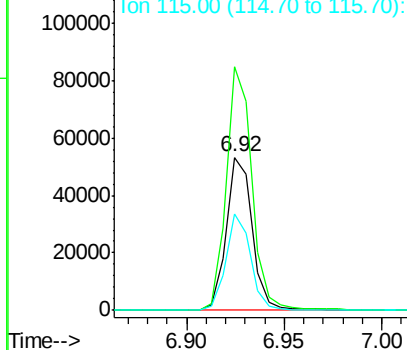
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF107356.D
 Acq: 13 Jul 2018 10:25

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

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

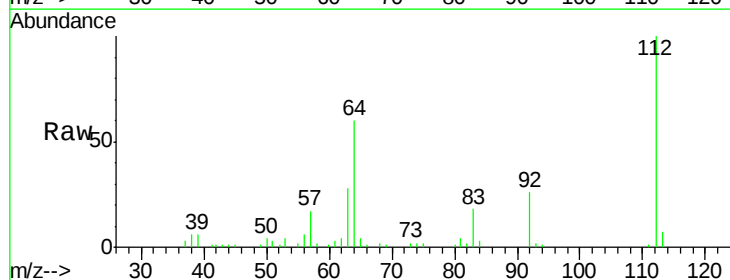


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

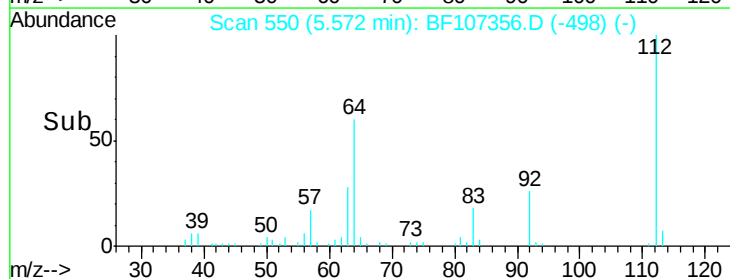
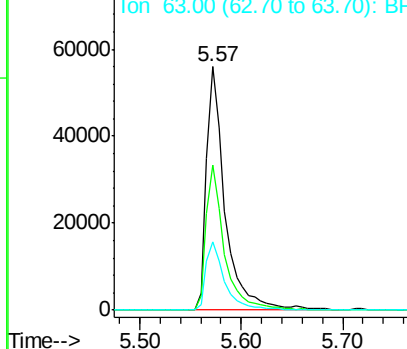


#5
 2-Fluorophenol
 Concen: 24.539 ng
 RT: 5.57 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF107356.D
 Acq: 13 Jul 2018 10:25

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_G

ClientSampleId :

EO-01-071018-A

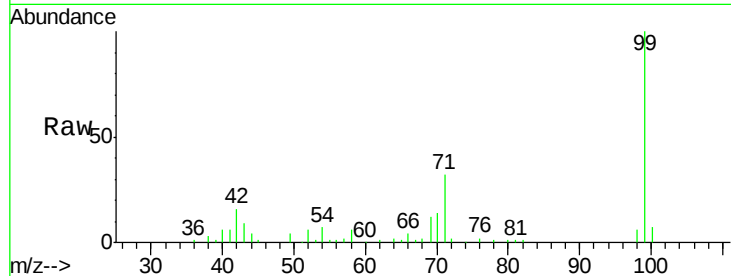
Tgt Ion: 99 Resp: 82842

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

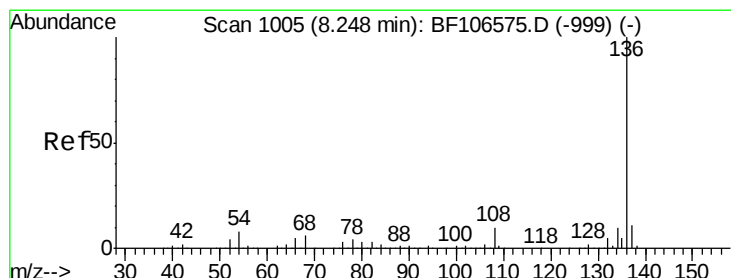
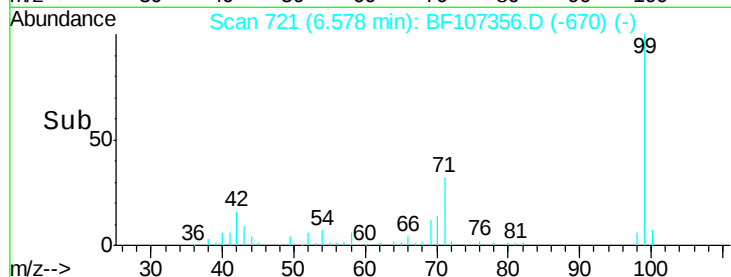
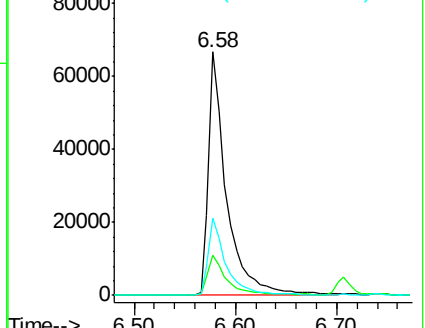
71 31.7 25.4 38.0



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

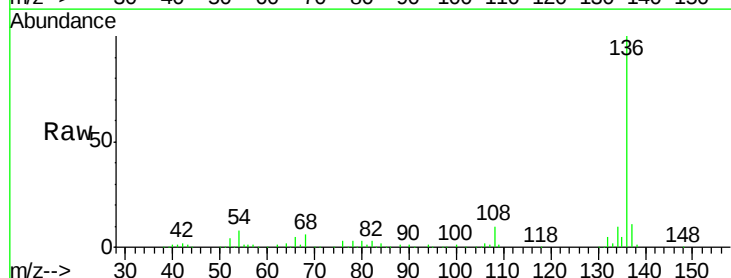
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 6.2 5.0 7.4

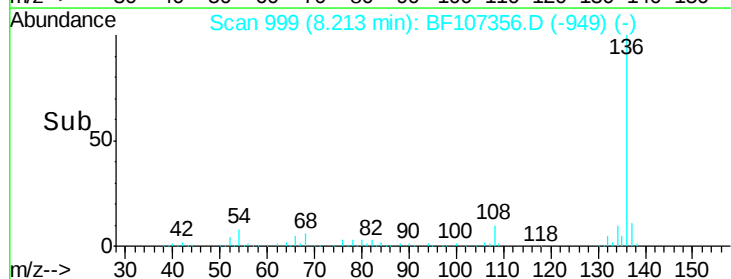
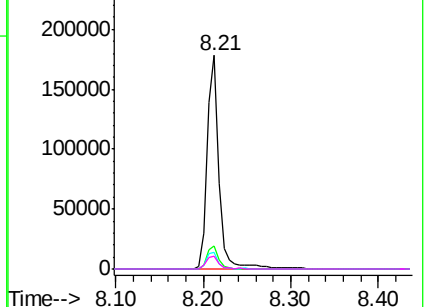


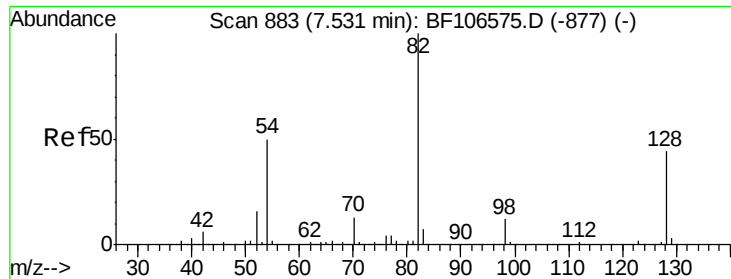
Abundance Ion 136.00 (135.70 to 136.70): E

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

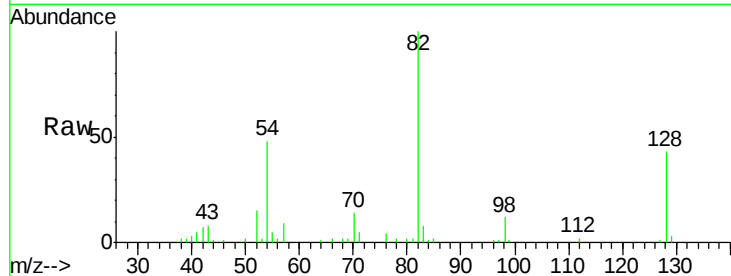




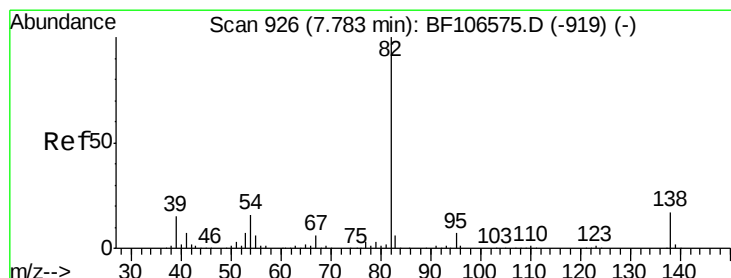
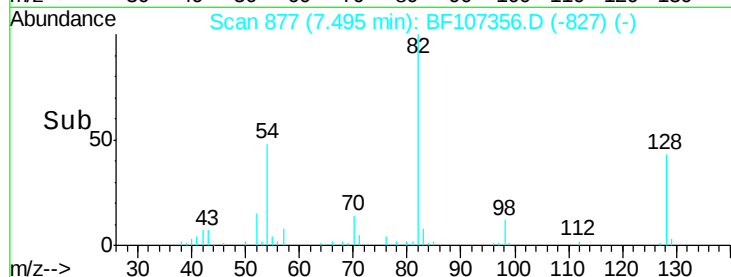
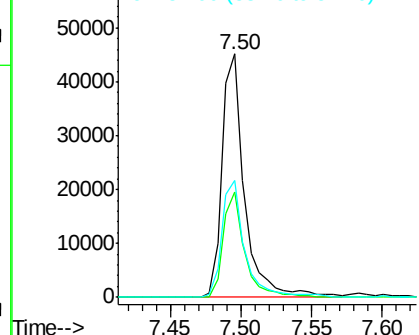
#23
 Nitrobenzene-d5
 Concen: 16.569 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107356.D
 Acq: 13 Jul 2018 10:25

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

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

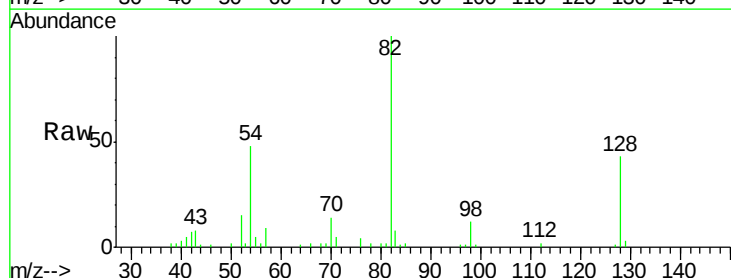


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

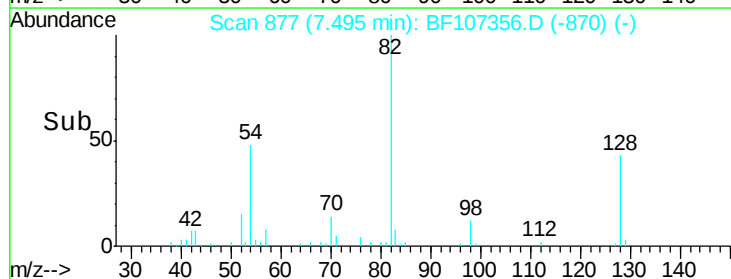
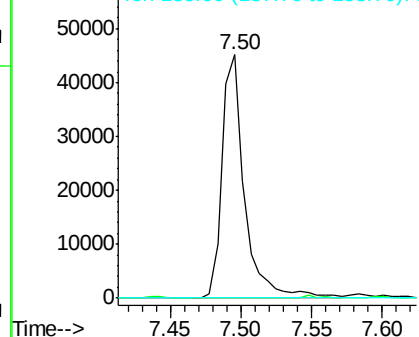


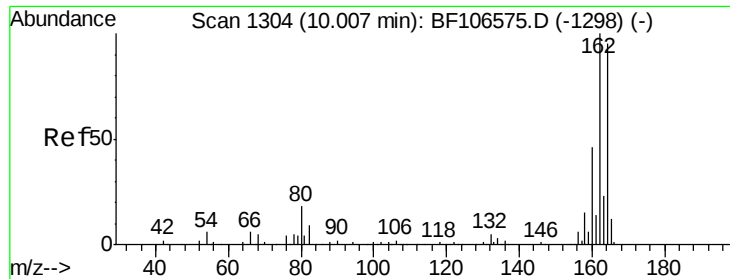
#25
 Isophorone
 Concen: 9.403 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.26 min
 Lab File: BF107356.D
 Acq: 13 Jul 2018 10:25

Tgt Ion: 82 Resp: 49970
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

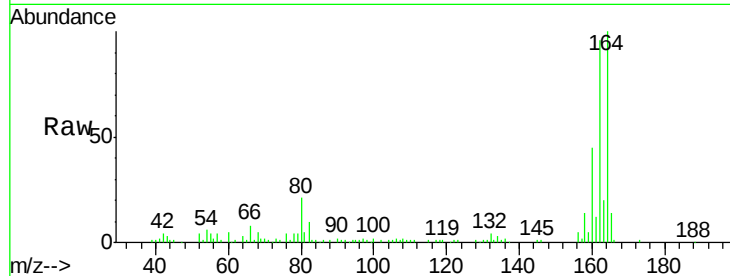




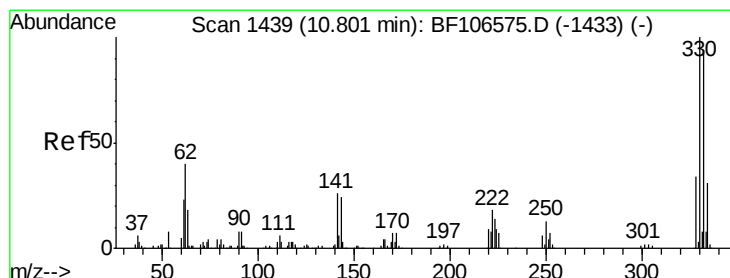
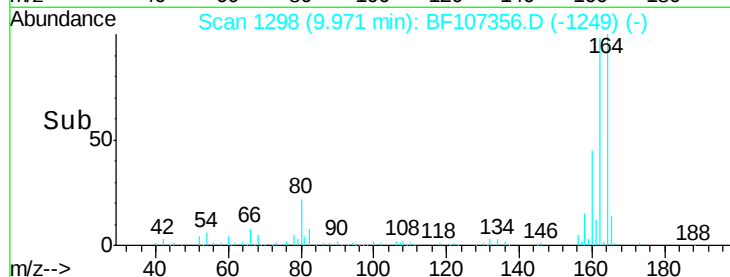
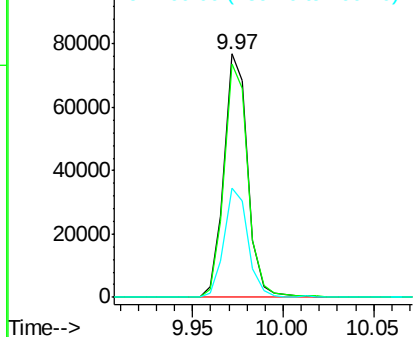
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF107356.D
Acq: 13 Jul 2018 10:25

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

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

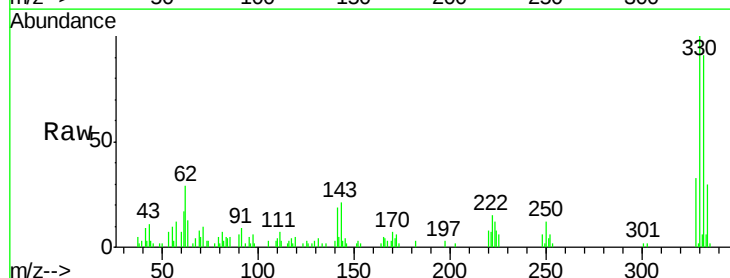


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

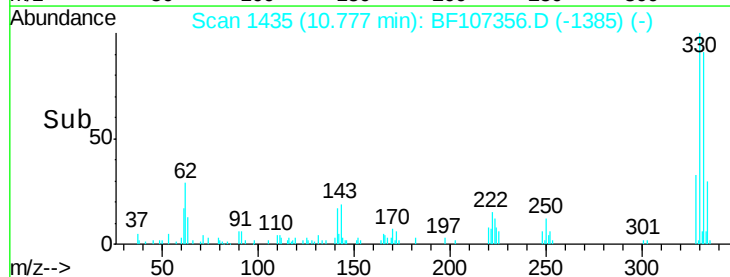
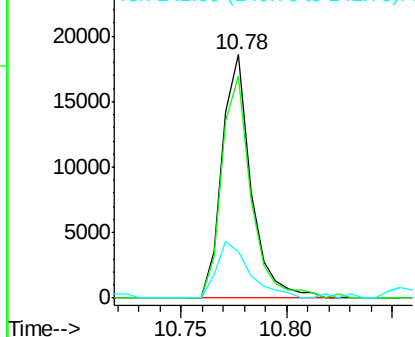


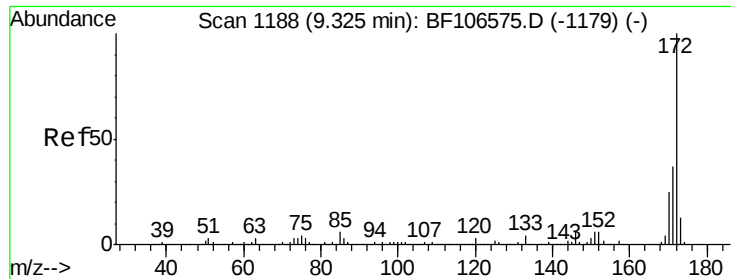
#41
2,4,6-Tribromophenol
Concen: 21.691 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF107356.D
Acq: 13 Jul 2018 10:25

Tgt Ion:330 Resp: 17659
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

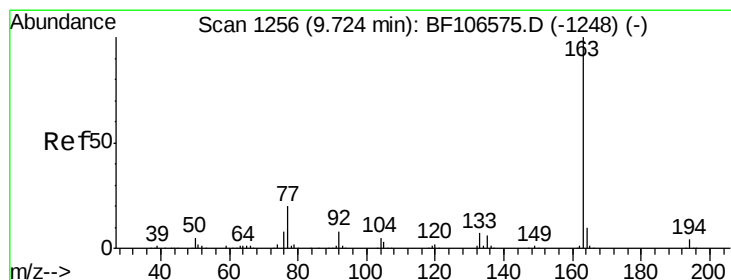
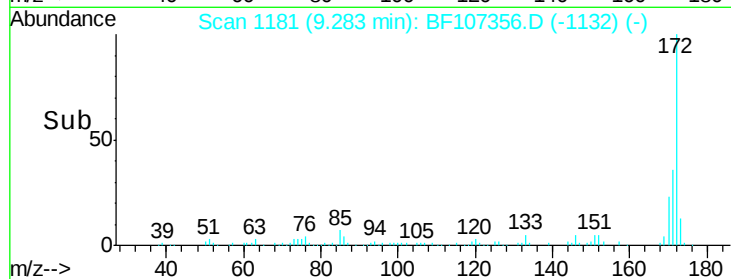
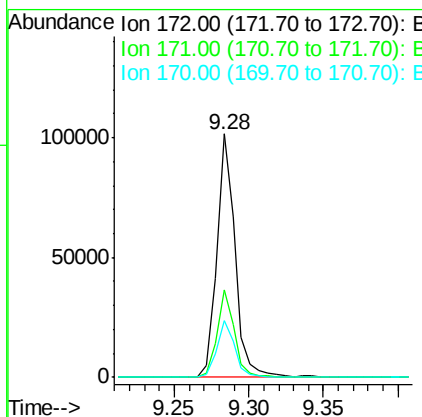
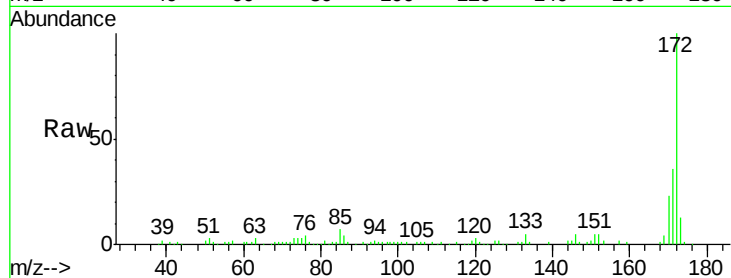




#44
 2-Fluorobiphenyl
 Concen: 7.324 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107356.D
 Acq: 13 Jul 2018 10:25

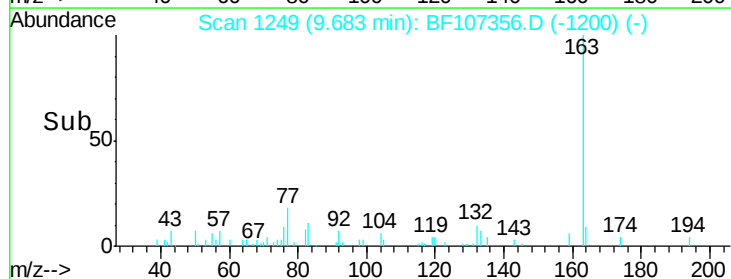
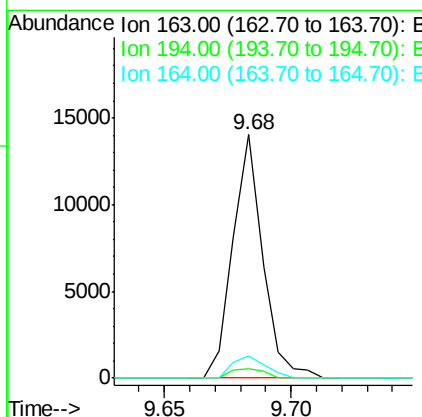
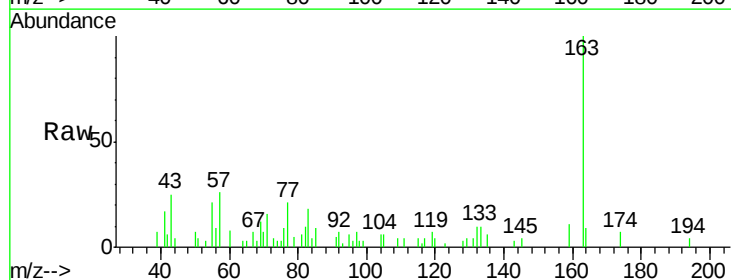
Instrument :
 BNA_G
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 EO-01-071018-A

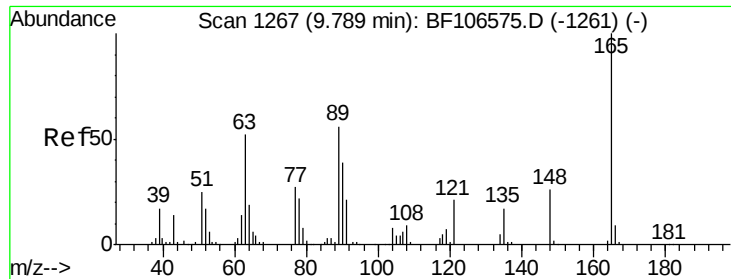
Tgt Ion:172 Resp: 86333
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.1 19.6 29.4



#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

Tgt Ion:163 Resp: 11513
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.7 4.1
 164 9.3 8.2 12.2

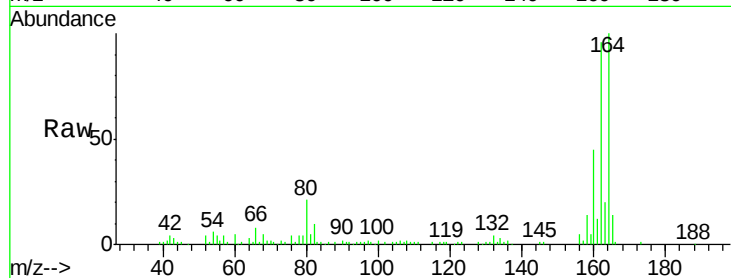




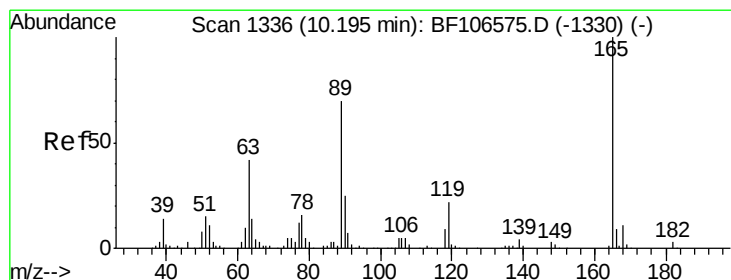
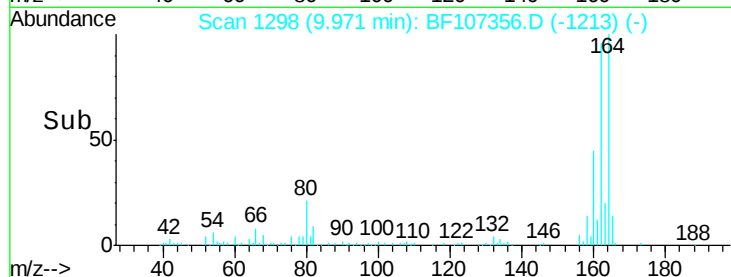
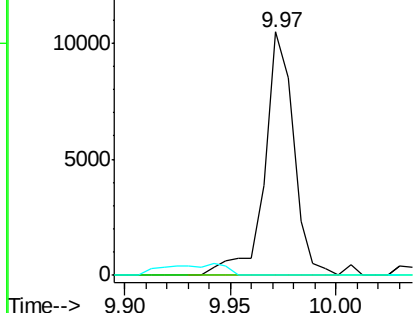
#50
 2,6-Dinitrotoluene
 Concen: 9.015 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF107356.D
 Acq: 13 Jul 2018 10:25

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

Tgt Ion:165 Resp: 10057
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



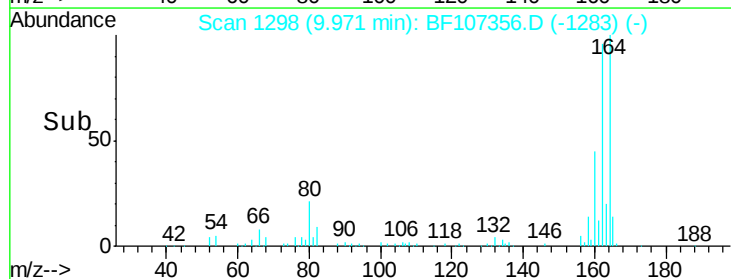
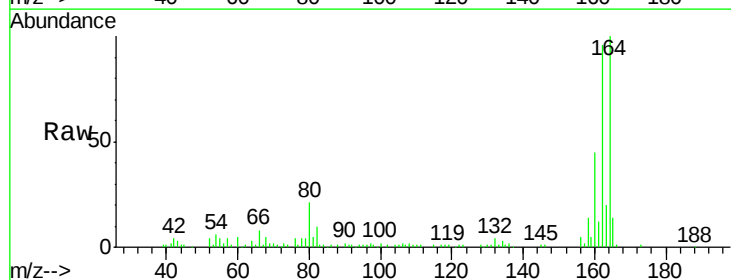
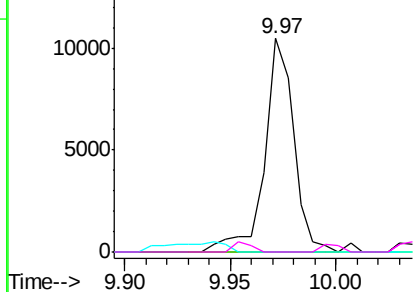
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

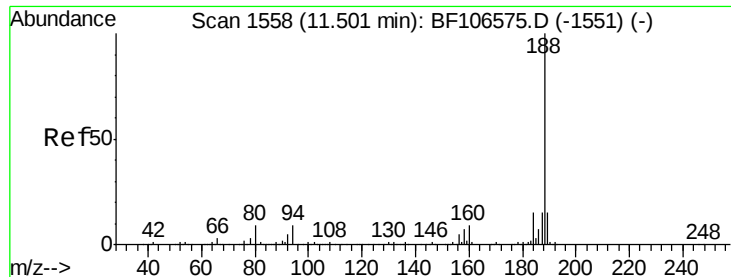


#56
 2,4-Dinitrotoluene
 Concen: 6.907 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF107356.D
 Acq: 13 Jul 2018 10:25

Tgt Ion:165 Resp: 10057
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

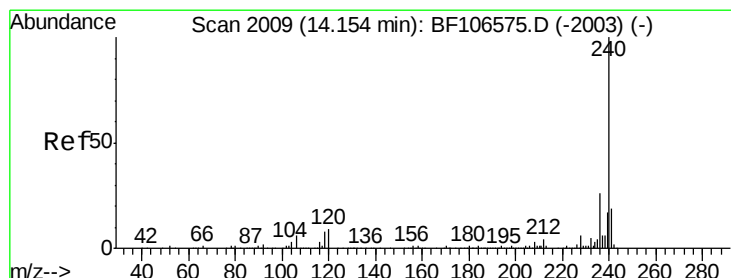
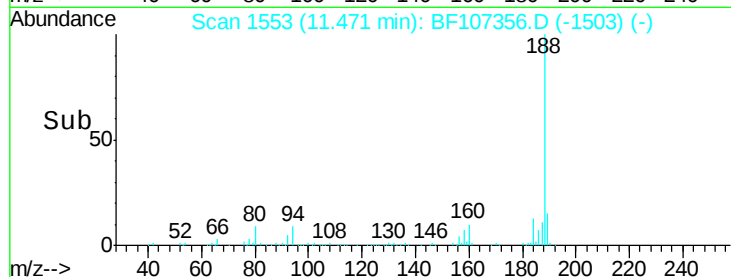
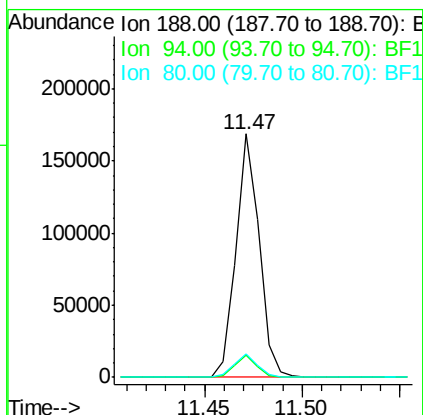
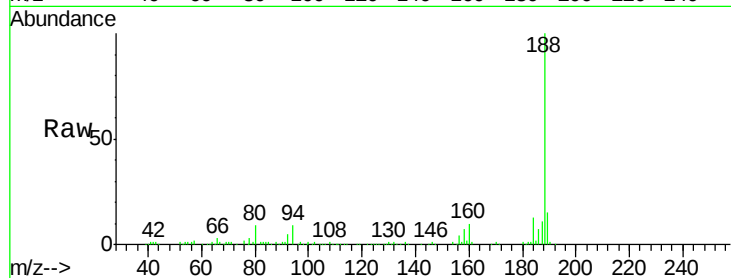




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF107356.D
Acq: 13 Jul 2018 10:25

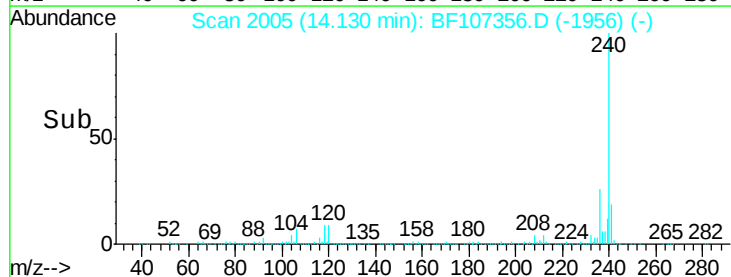
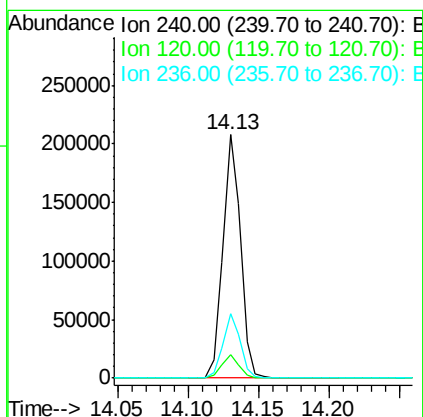
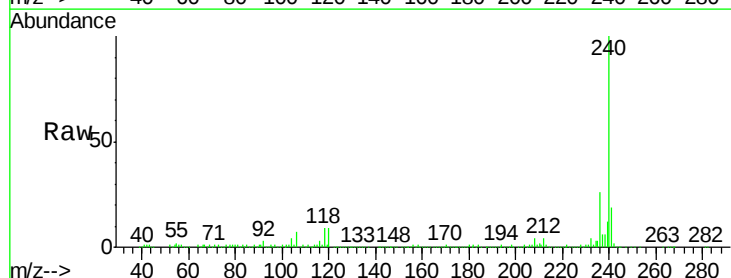
Instrument :
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EO-01-071018-A

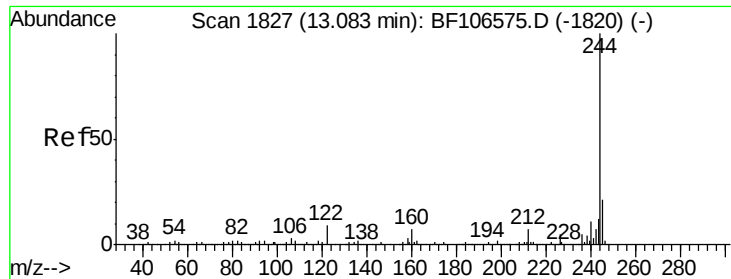
Tgt Ion:188 Resp: 139300
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.5 9.2 13.8



#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

Tgt Ion:240 Resp: 180623
Ion Ratio Lower Upper
240 100
120 9.4 9.5 14.3#
236 26.3 20.7 31.1

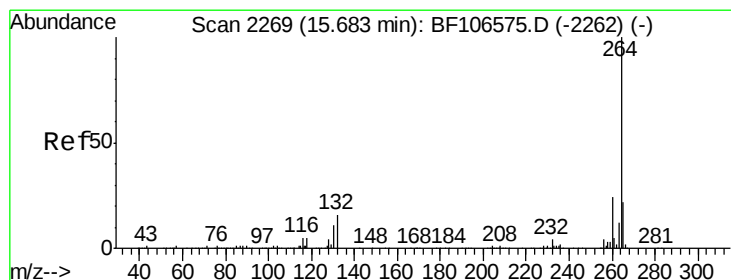
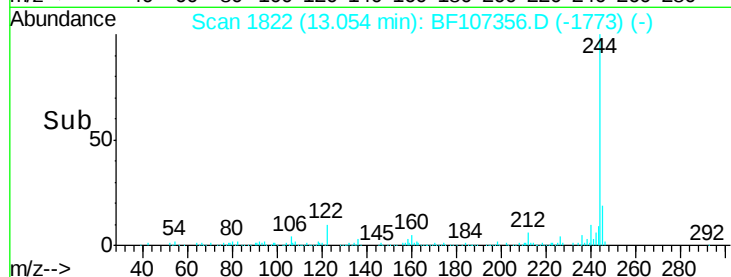
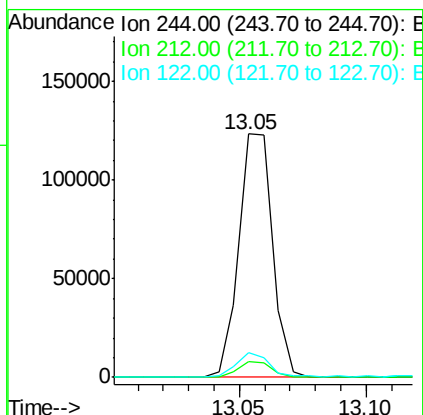
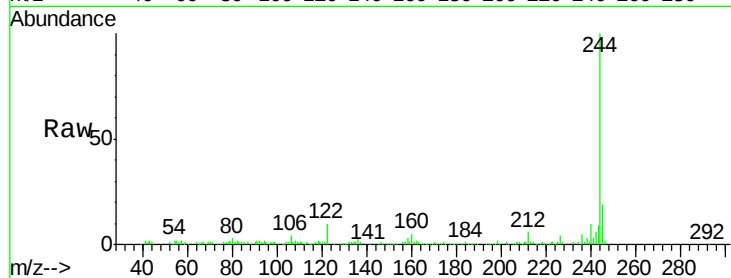




#78
 Terphenyl-d14
 Concen: 15.320 ng
 RT: 13.05 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF107356.D
 Acq: 13 Jul 2018 10:25

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

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#



#86
 Perylene-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

Tgt Ion:264 Resp: 159954
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.3 17.5 26.3

