

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 19:06:47 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

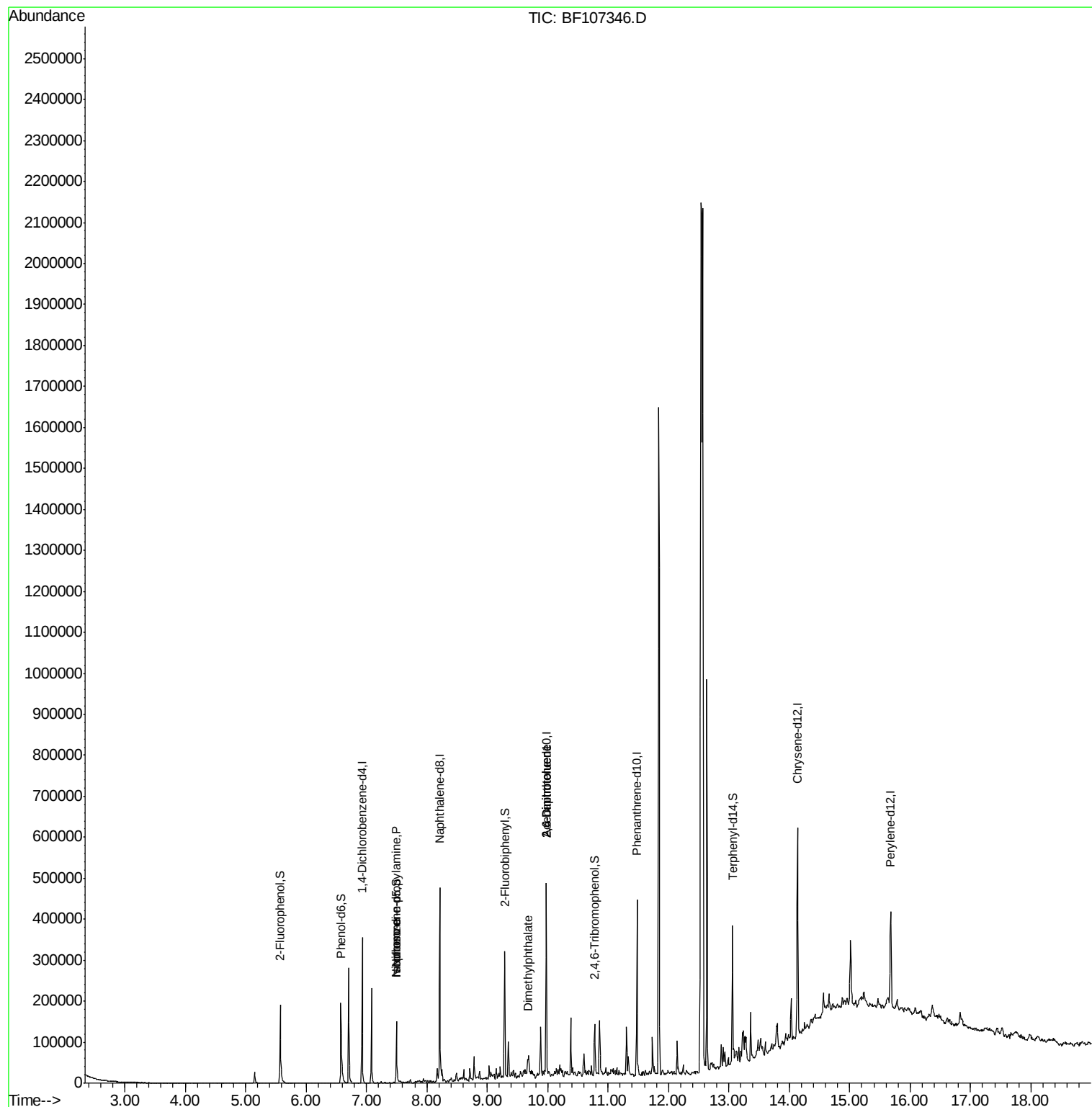
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	57366	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	215762	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	91678	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	160129	20.00	ng	0.00
75) Chrysene-d12	14.14	240	168538	20.00	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						
19) n-Nitroso-di-n-propylamine	7.50	70	7401	2.654	ng	# 75
25) Isophorone	7.50	82	54095	7.907	ng	# 64
49) Dimethylphthalate	9.68	163	14777	2.149	ng	# 96
50) 2,6-Dinitrotoluene	9.98	165	12370	8.496	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	12370	6.509	ng	# 21

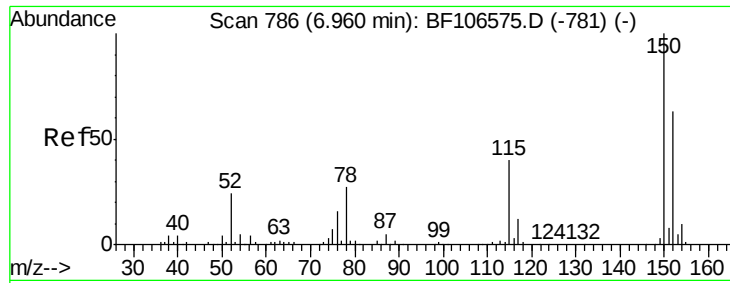
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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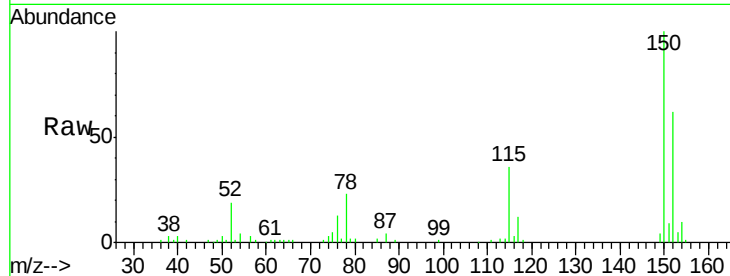


#1

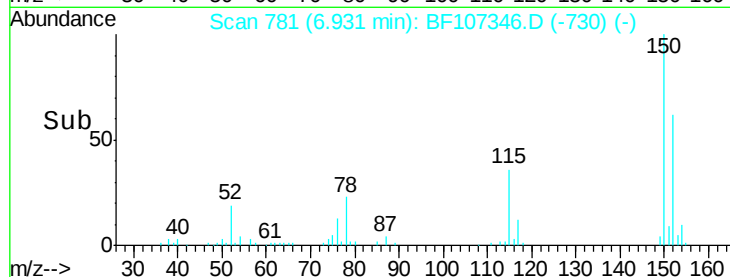
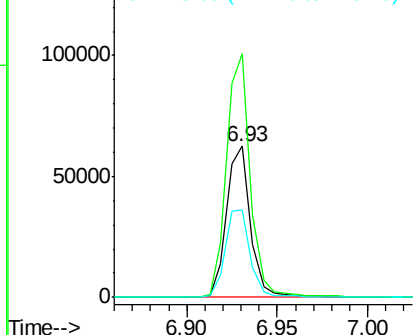
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107346.D
Acq: 12 Jul 2018 18:28

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

Tgt Ion:152 Resp: 57366
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 57.7 50.1 75.1



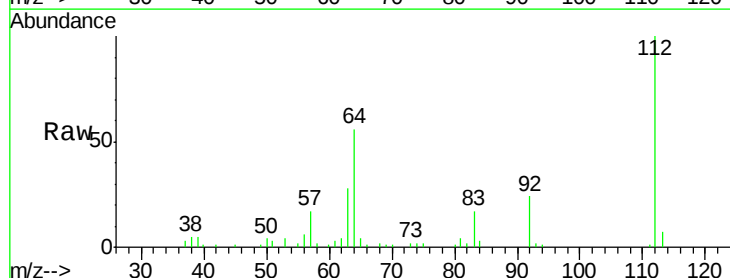
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



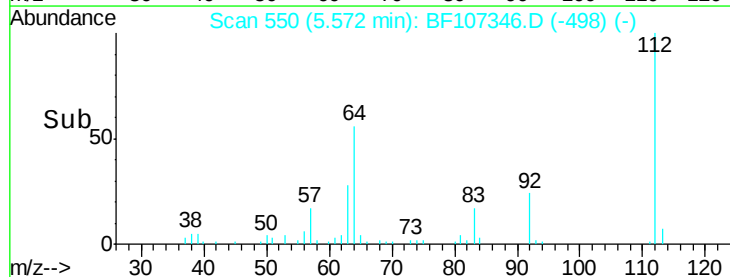
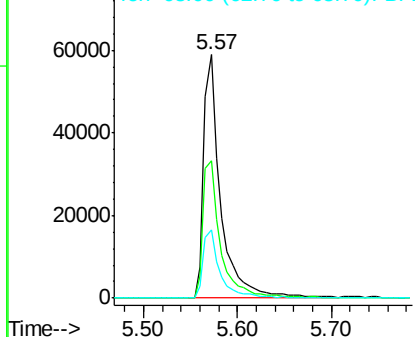
#5

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:112 Resp: 75181
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

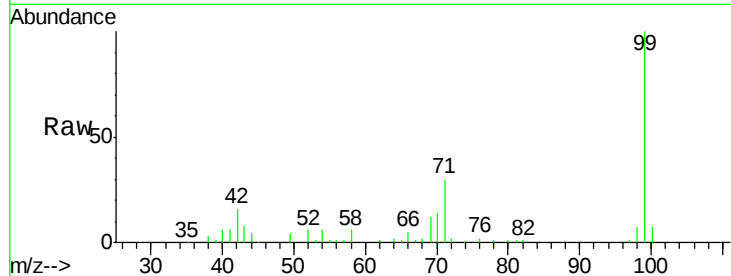
Tgt Ion: 99 Resp: 93506

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

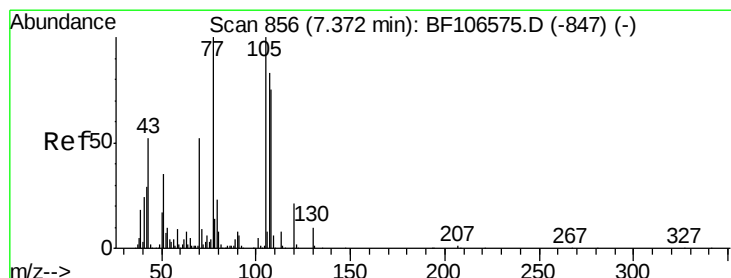
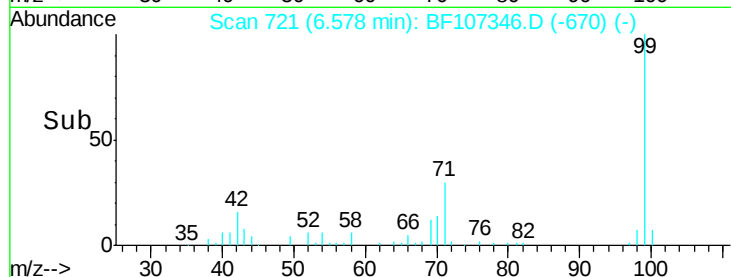
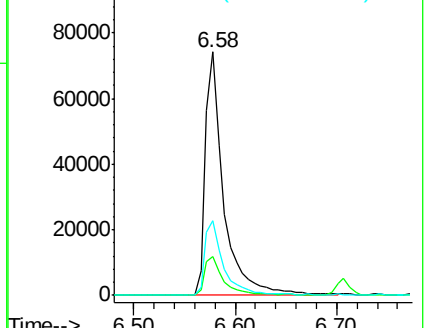
71 30.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.654 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107346.D

Acq: 12 Jul 2018 18:28

Tgt Ion: 70 Resp: 7401

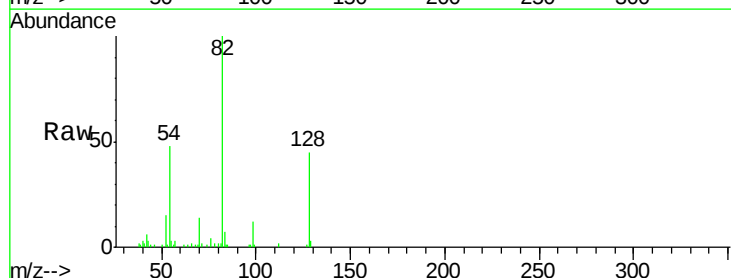
Ion Ratio Lower Upper

70 100

42 45.6 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

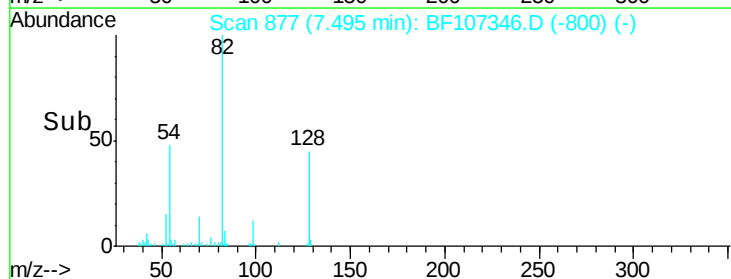
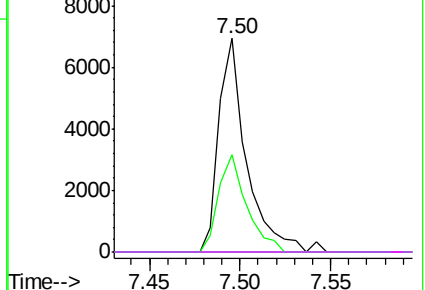


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

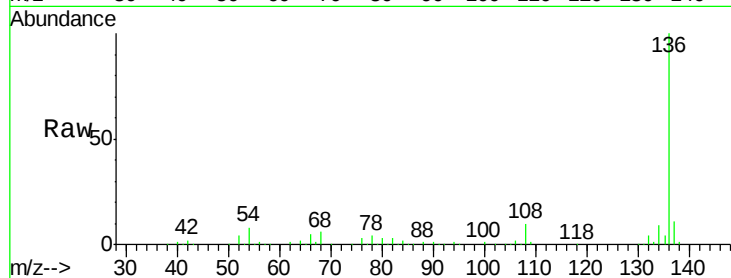




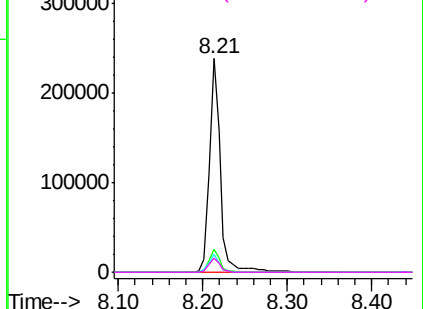
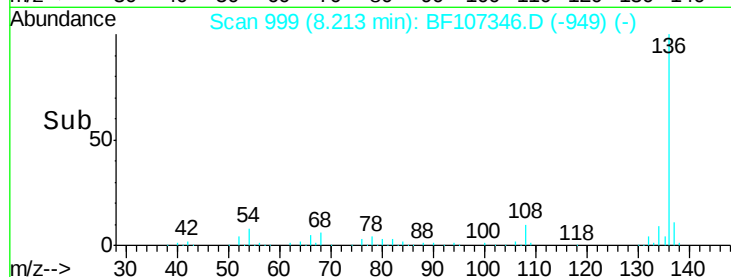
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107346.D
Acq: 12 Jul 2018 18:28

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

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

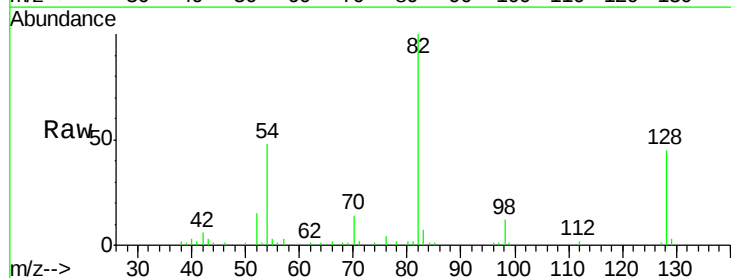


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

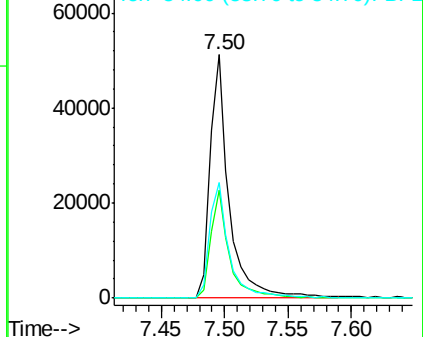
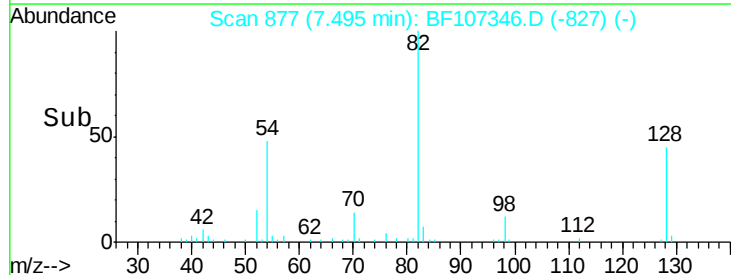


#23
Nitrobenzene-d5
Concen: 13.933 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107346.D
Acq: 12 Jul 2018 18:28

Tgt 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): B
Ion 54.00 (53.70 to 54.70): BF1

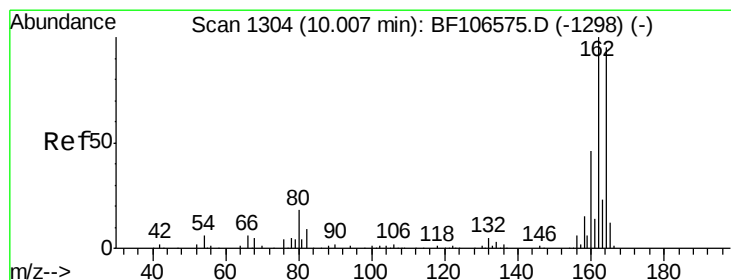
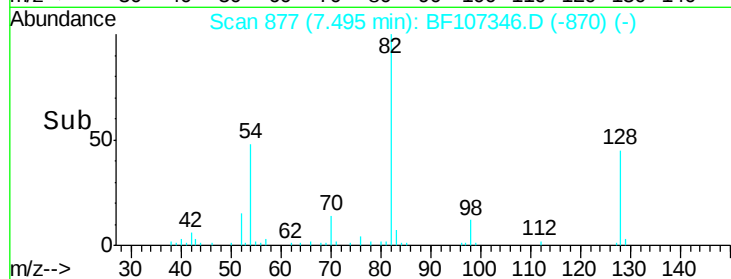
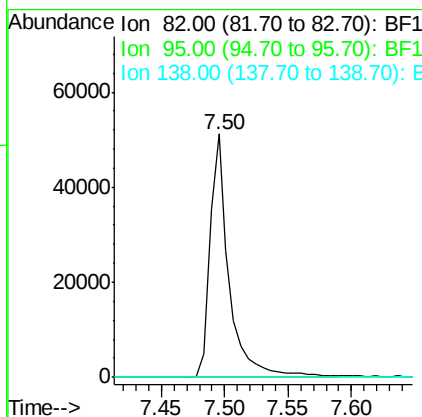
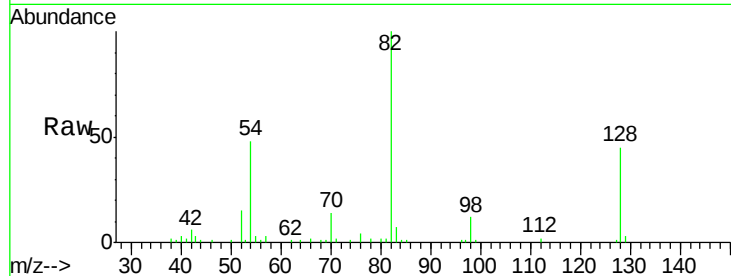




#25
Isophorone
Concen: 7.907 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.26 min
Lab File: BF107346.D
Acq: 12 Jul 2018 18:28

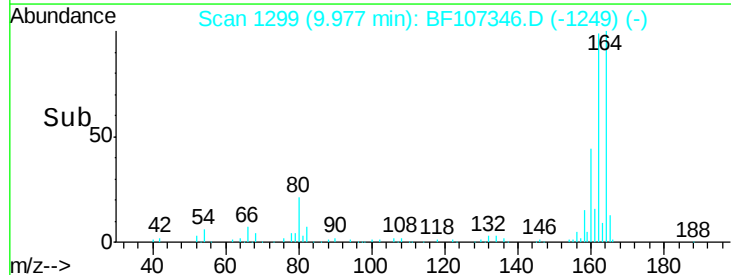
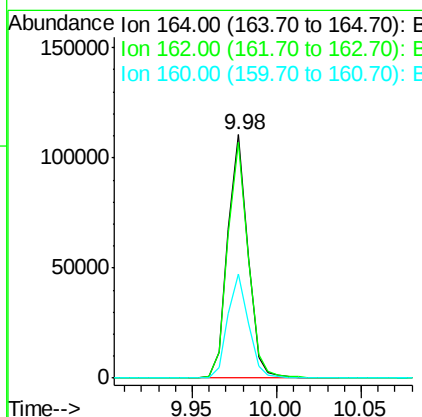
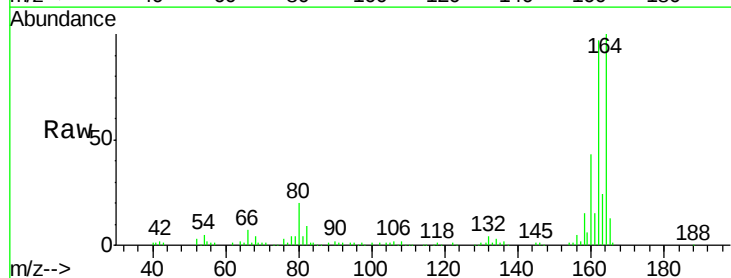
Instrument :
BNA_F
ClientSampleId :
EO-01-071018-C

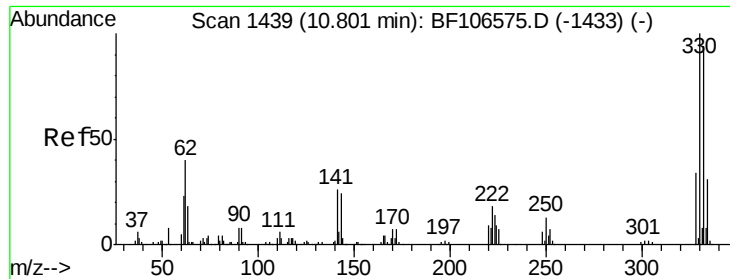
Tgt Ion: 82 Resp: 54095
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#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





#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

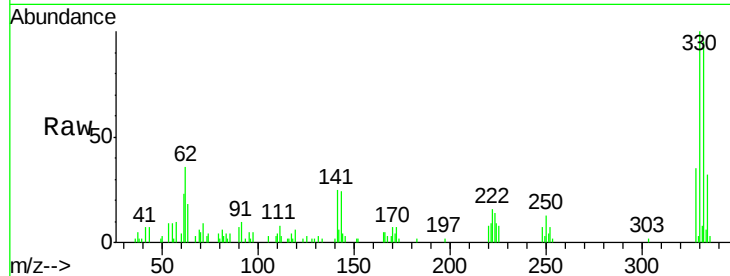
Tgt Ion:330 Resp: 18063

Ion Ratio Lower Upper

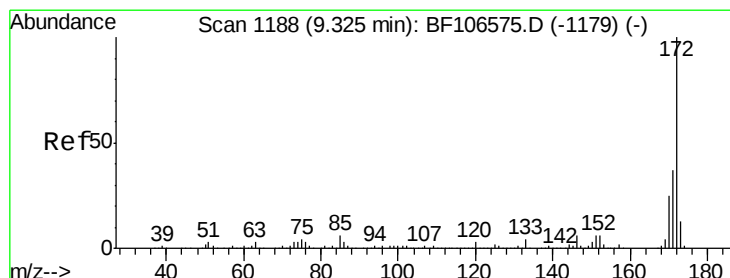
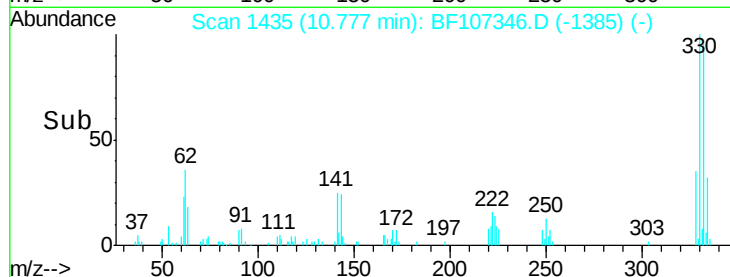
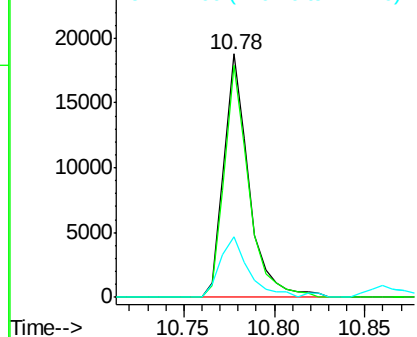
330 100

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

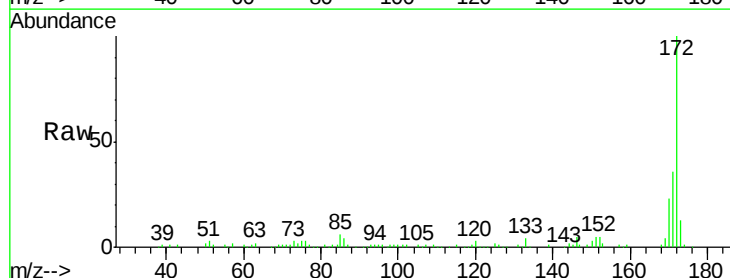
Tgt Ion:172 Resp: 102594

Ion Ratio Lower Upper

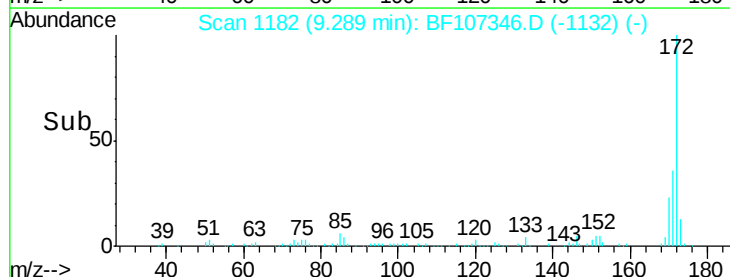
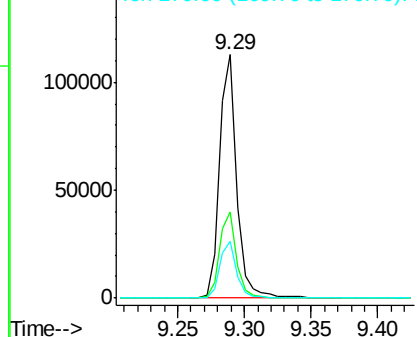
172 100

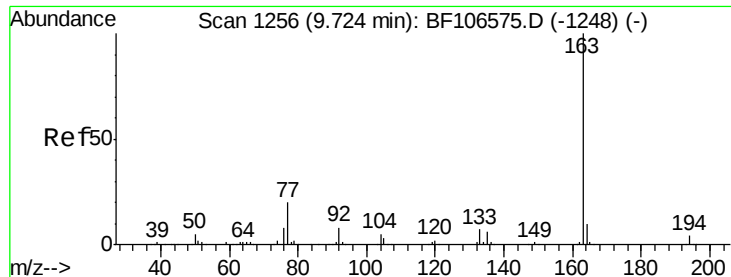
171 35.7 29.7 44.5

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

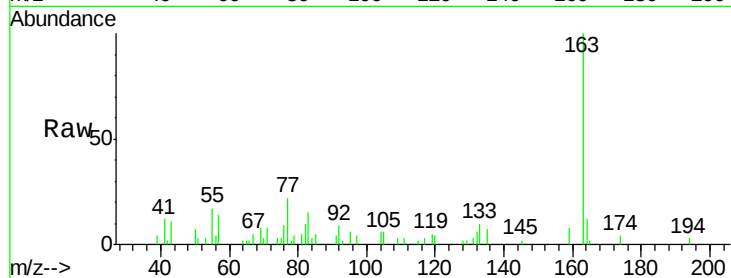




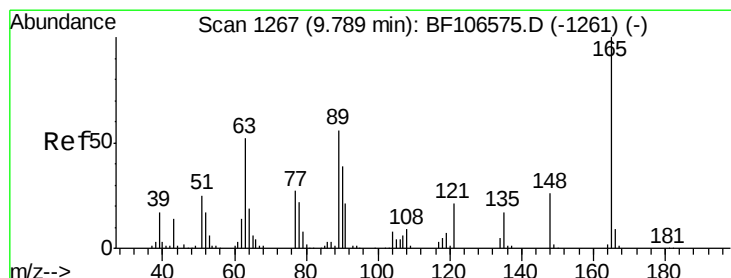
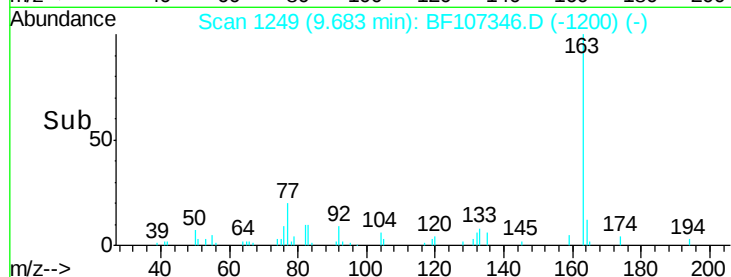
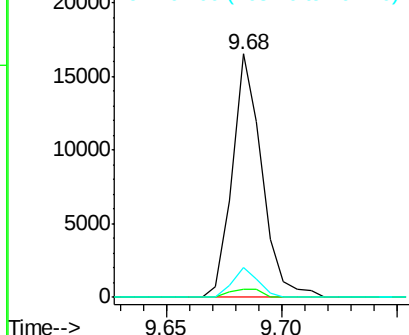
#49
Dimethylphthalate
Concen: 2.149 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107346.D
Acq: 12 Jul 2018 18:28

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

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

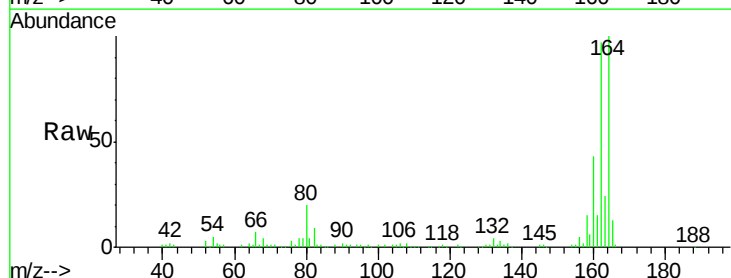


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

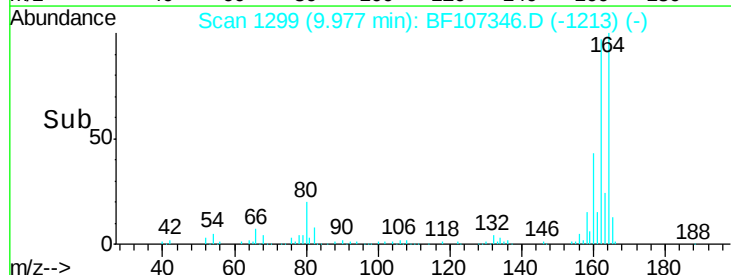
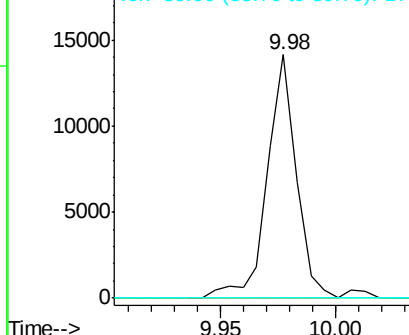


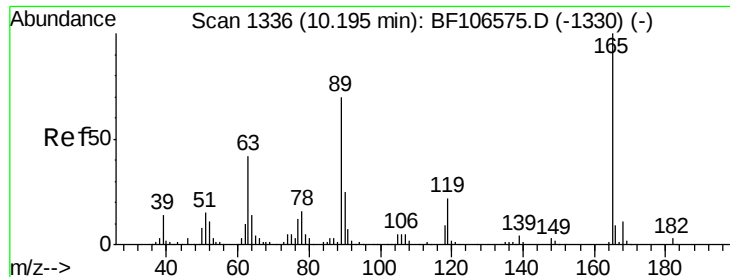
#50
2,6-Dinitrotoluene
Concen: 8.496 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.21 min
Lab File: BF107346.D
Acq: 12 Jul 2018 18:28

Tgt Ion:165 Resp: 12370
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

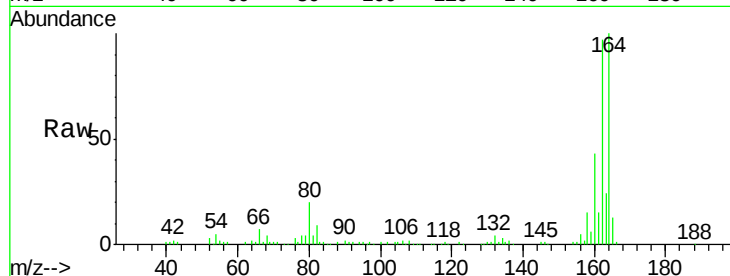




#56
2,4-Dinitrotoluene
Concen: 6.509 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF107346.D
Acq: 12 Jul 2018 18:28

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

Tgt 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#

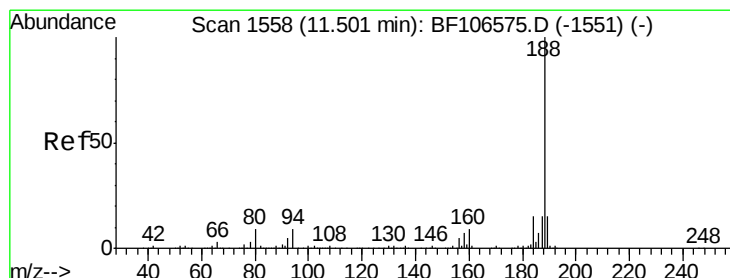
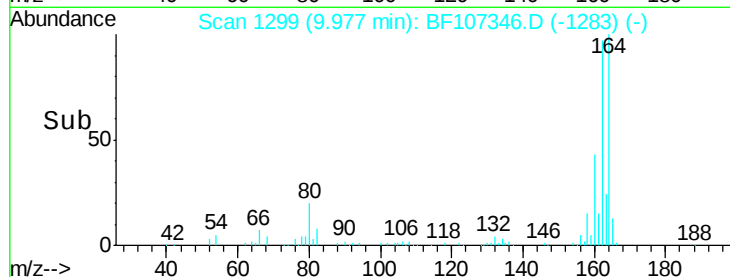
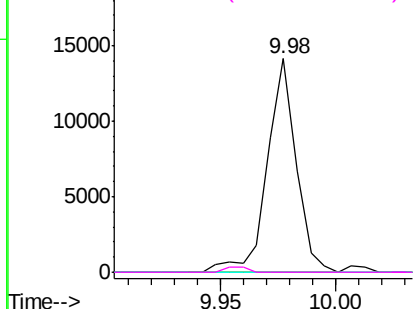


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

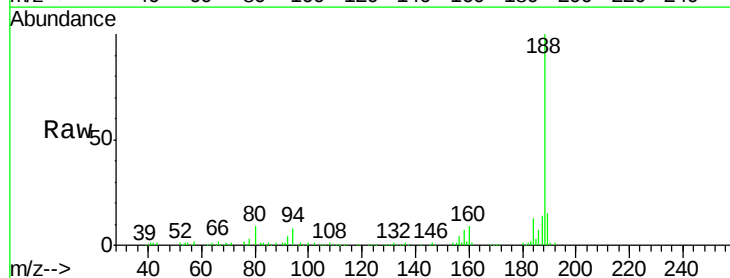
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



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

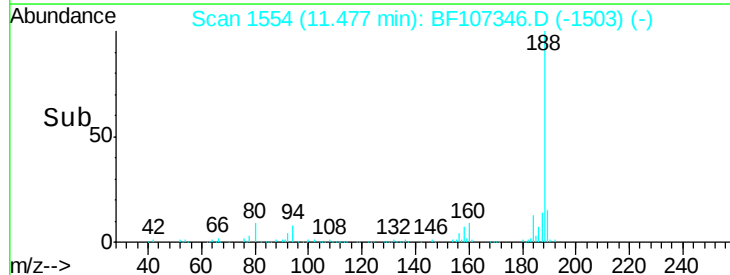
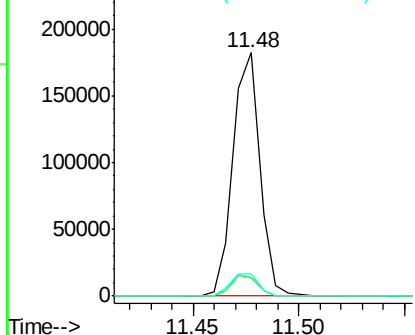
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.8	9.2	13.8#

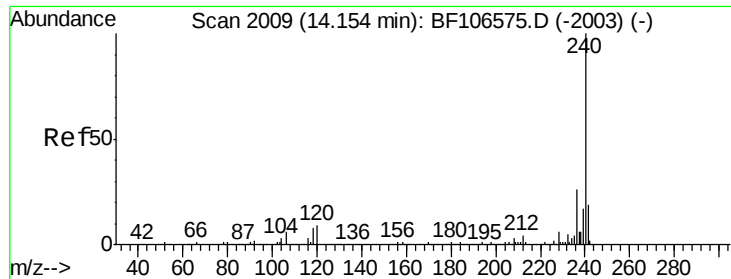


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.14 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

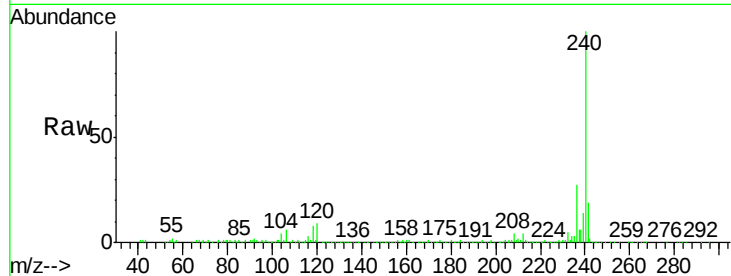
Tgt Ion:240 Resp: 168538

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

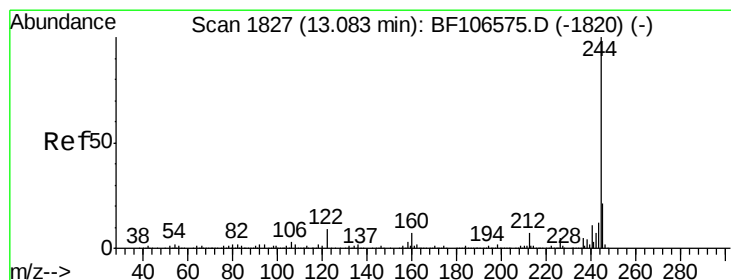
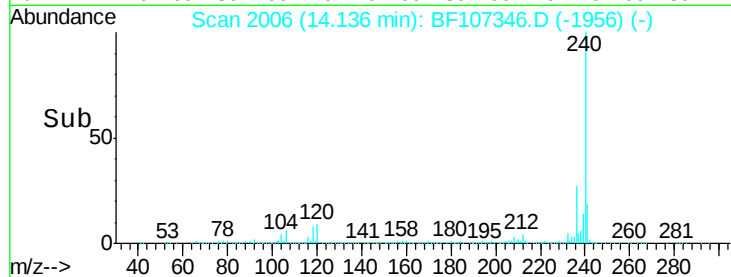
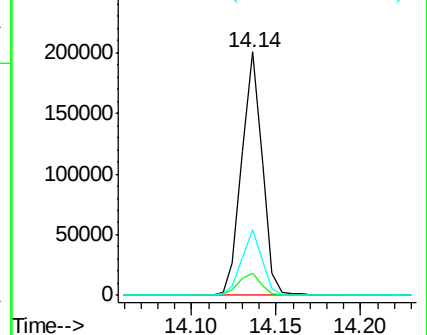
236 27.1 20.7 31.1



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

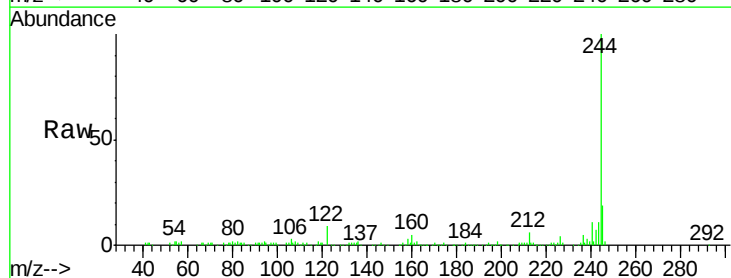
Tgt Ion:244 Resp: 106789

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

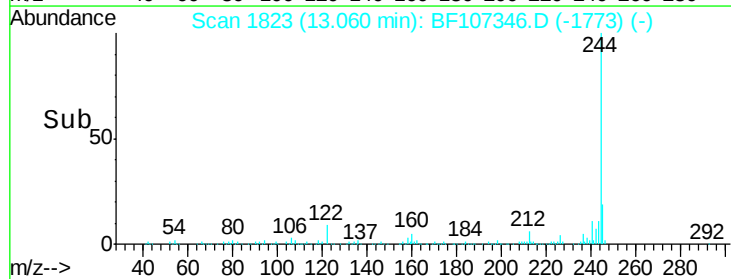
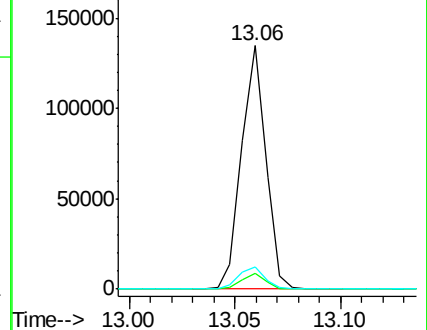
122 9.1 11.0 16.4#

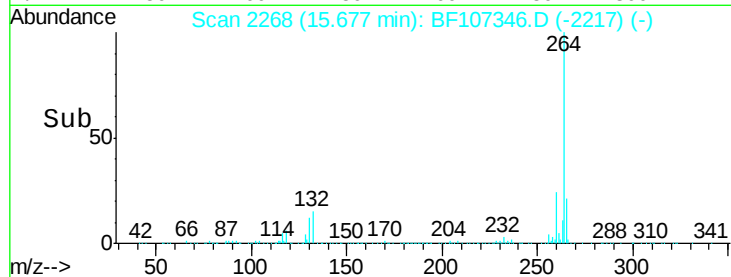
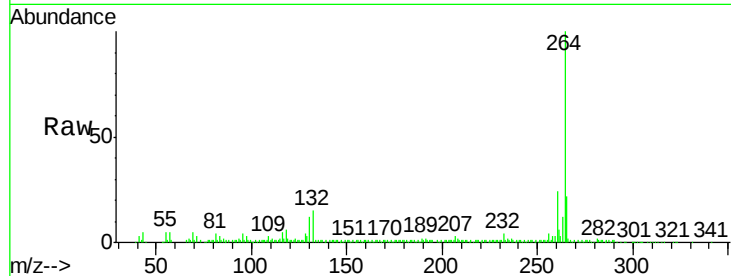
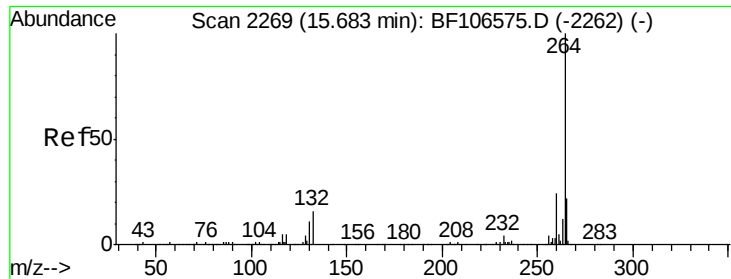


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3

