

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106858.D
 Acq On : 27 Jun 2018 7:44
 Operator : JU/SJ
 Sample : J3687-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Jun 27 08:44:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

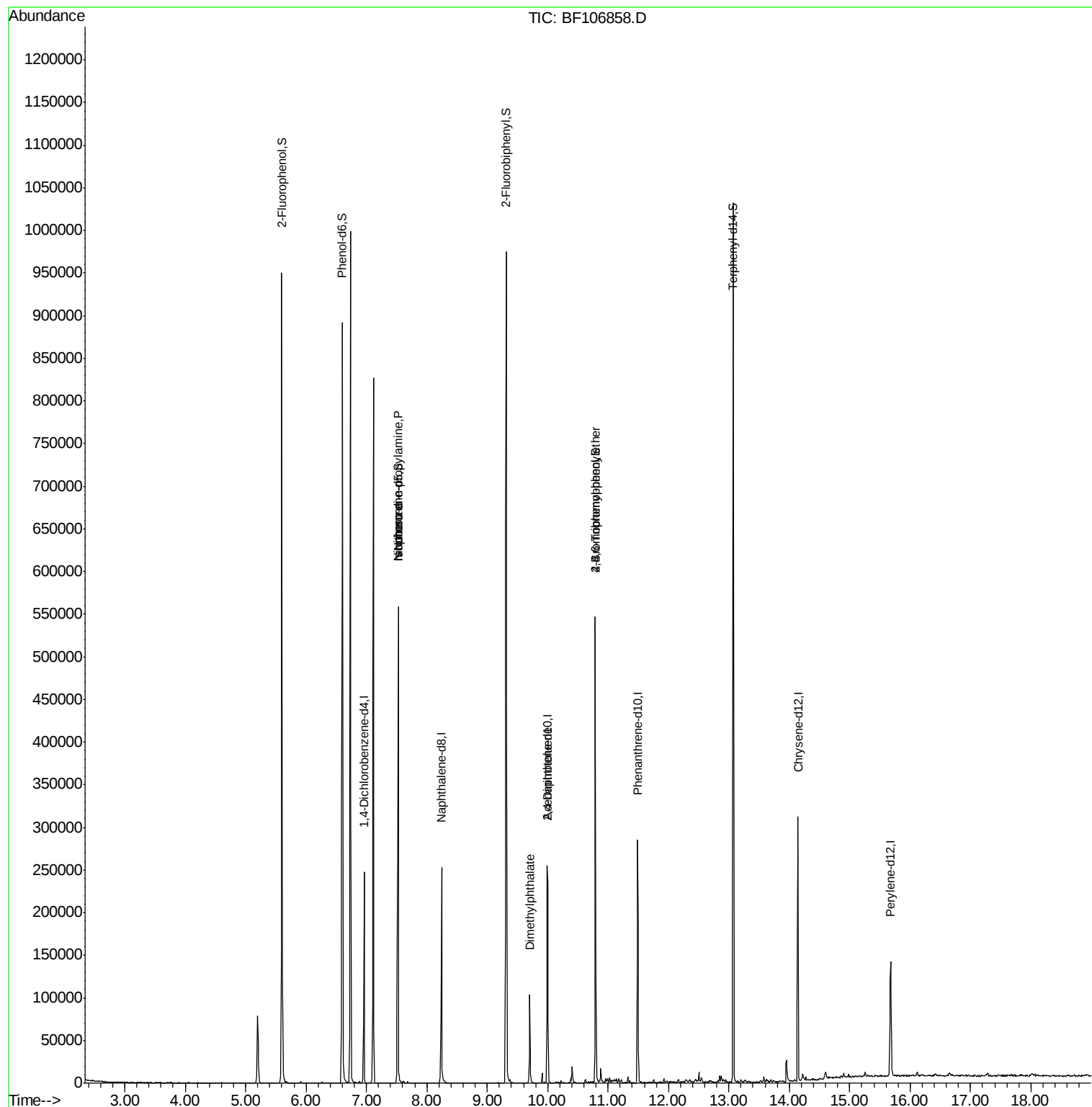
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	38823	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	131993	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	56807	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	109484	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	116326	20.00	ng	-0.02
86) Perylene-d12	15.68	264	75504	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	277632	121.09	ng	0.00
7) Phenol-d6	6.60	99	340554	118.94	ng	-0.01
23) Nitrobenzene-d5	7.52	82	199474	83.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	82314	125.02	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	318026	96.81	ng	-0.01
78) Terphenyl-d14	13.07	244	387505	80.69	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	25785	13.662	ng	# 71
25) Isophorone	7.52	82	199471	47.660	ng	# 64
49) Dimethylphthalate	9.70	163	49619	11.646	ng	97
56) 2,4-Dinitrotoluene	10.00	165	7012	5.954	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	5004	3.830	ng	# 1

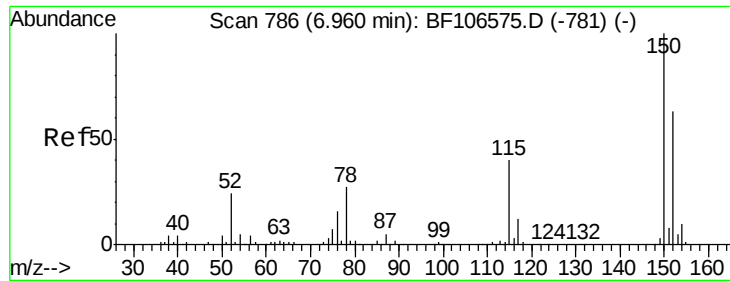
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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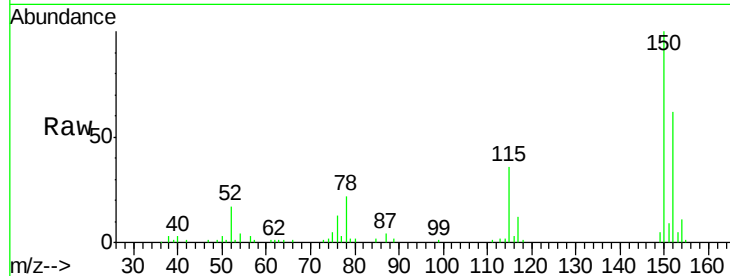


#1

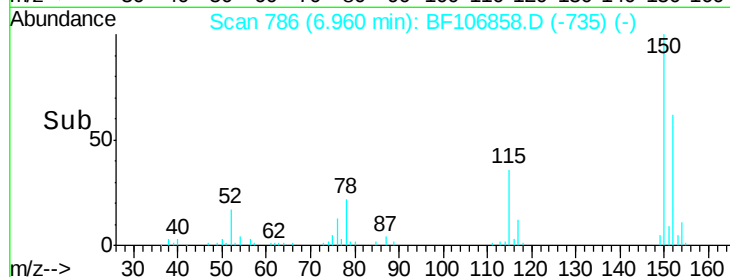
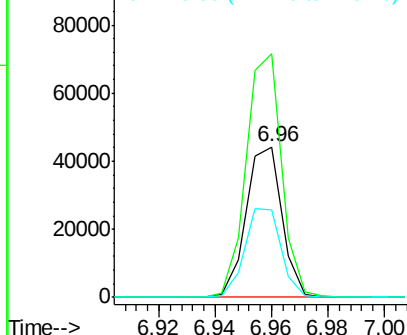
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

Instrument :
BNA_F
ClientSampleId :
PE-4

Tgt Ion:152 Resp: 38823
Ion Ratio Lower Upper
152 100
150 161.7 124.6 186.8
115 58.4 50.1 75.1



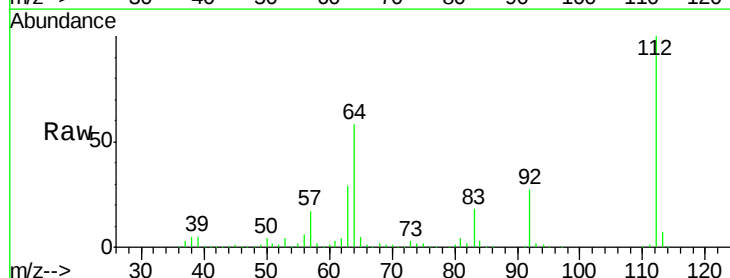
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



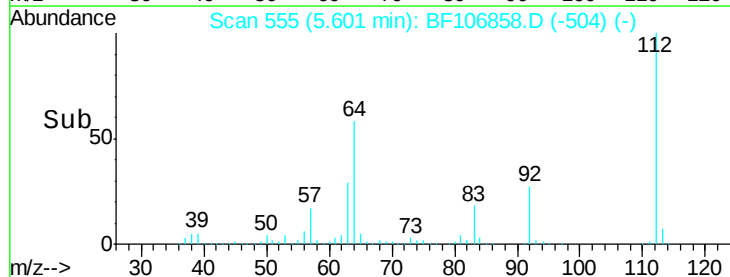
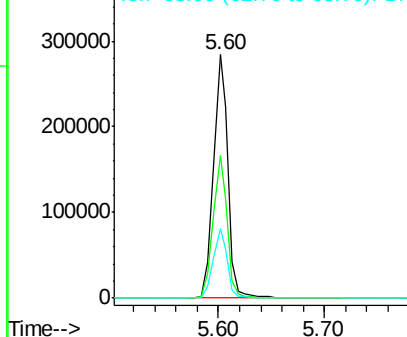
#5

2-Fluorophenol
Concen: 121.093 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

Tgt Ion:112 Resp: 277632
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 28.6 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: 118.943 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106858.D

Acq: 27 Jun 2018 7:44

Instrument :

BNA_F

ClientSampled :

PE-4

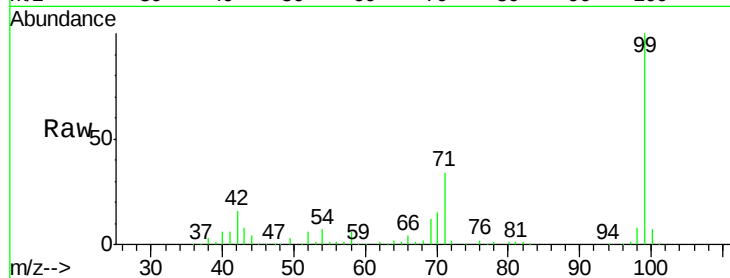
Tgt Ion: 99 Resp: 340554

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

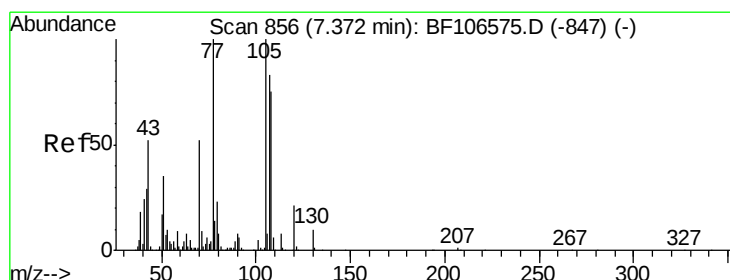
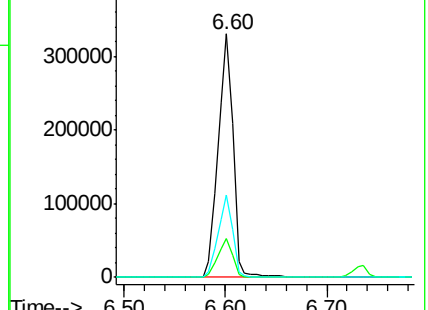
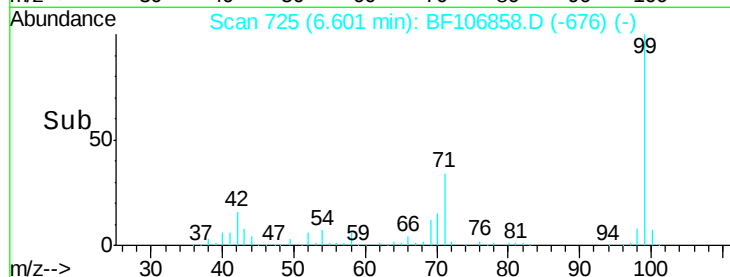
71 34.0 25.4 38.0



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: 13.662 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106858.D

Acq: 27 Jun 2018 7:44

Tgt Ion: 70 Resp: 25785

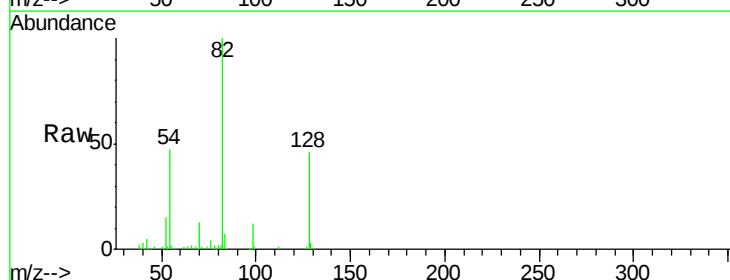
Ion Ratio Lower Upper

70 100

42 39.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

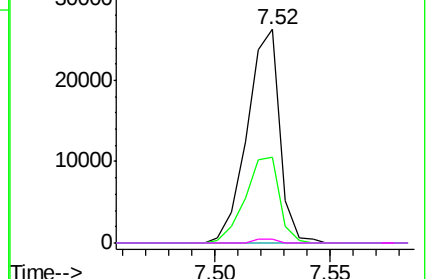
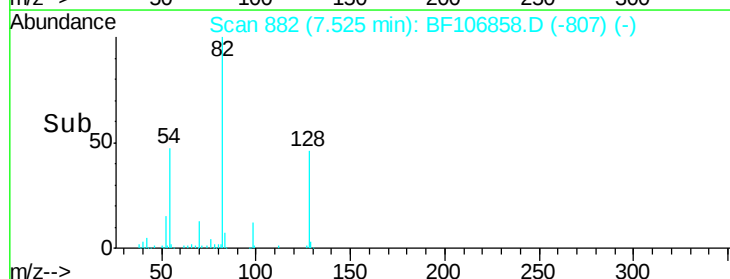


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

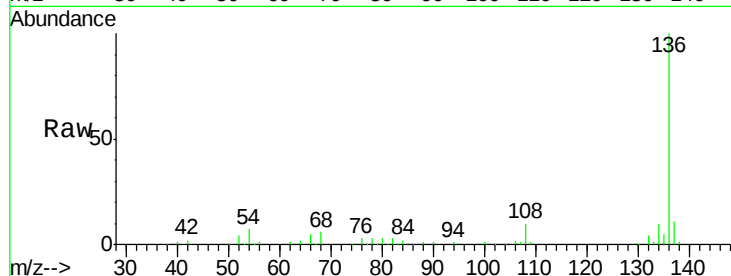




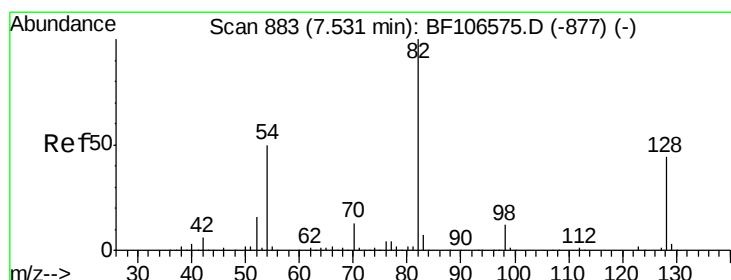
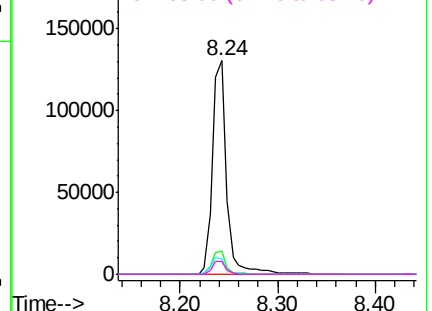
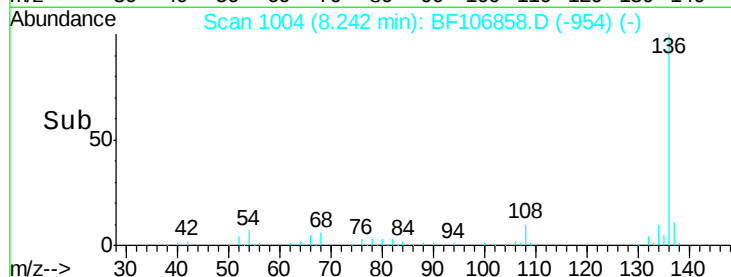
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

Instrument :
BNA_F
ClientSampleId :
PE-4

Tgt Ion:	136	Resp:	131993
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.3	6.6	9.8
68	5.8	5.0	7.4

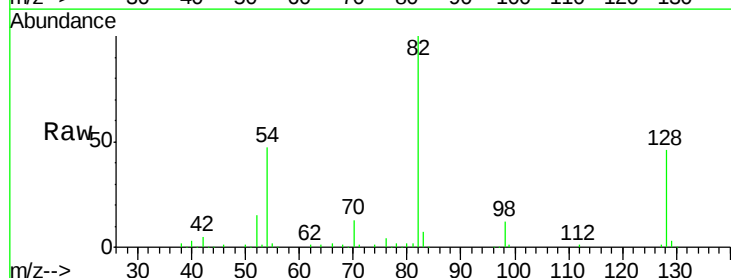


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

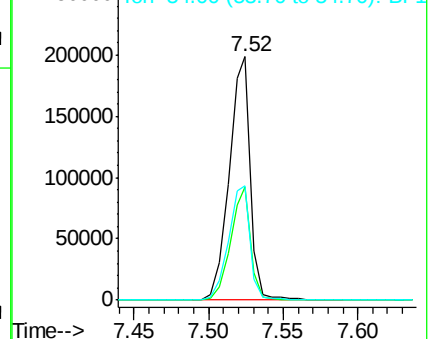
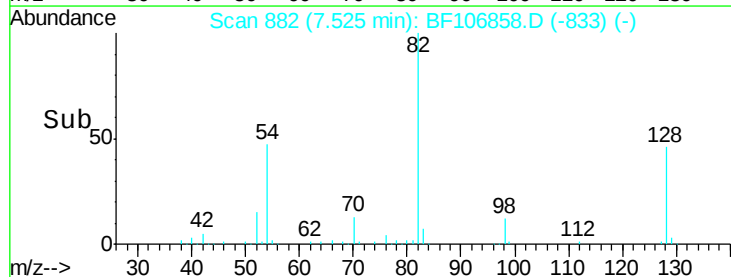


#23
Nitrobenzene-d5
Concen: 83.985 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

Tgt Ion:	82	Resp:	199474
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	47.1	41.4	62.2



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





#25

Isophorone

Concen: 47.660 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106858.D

Acq: 27 Jun 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PE-4

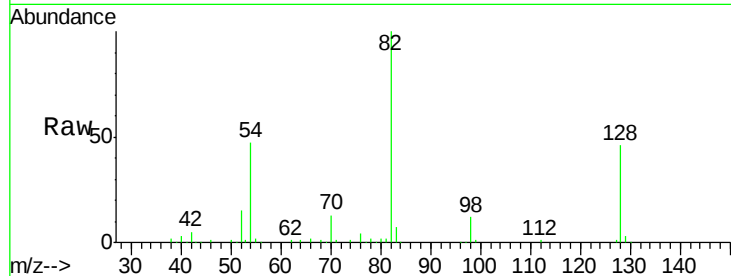
Tgt Ion: 82 Resp: 199471

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

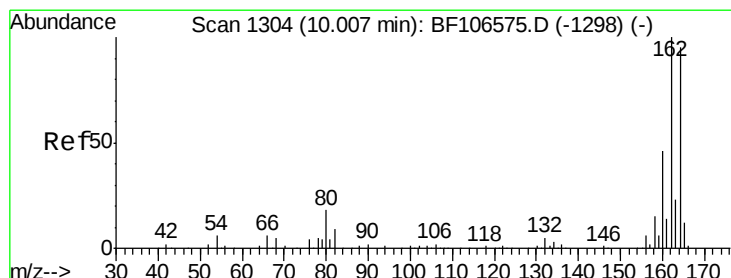
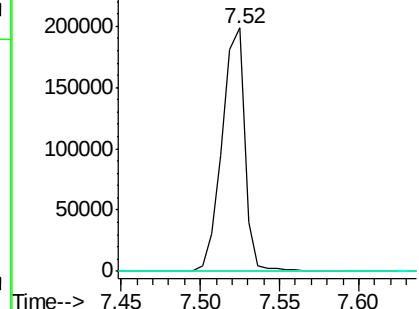
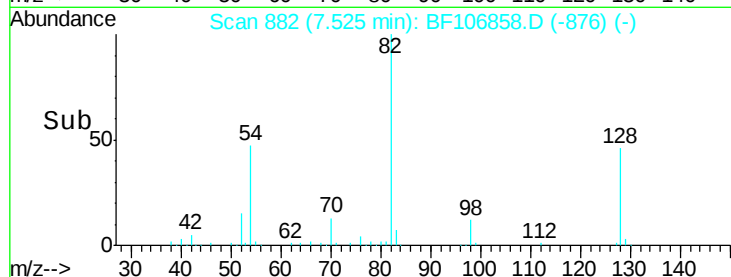
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106858.D

Acq: 27 Jun 2018 7:44

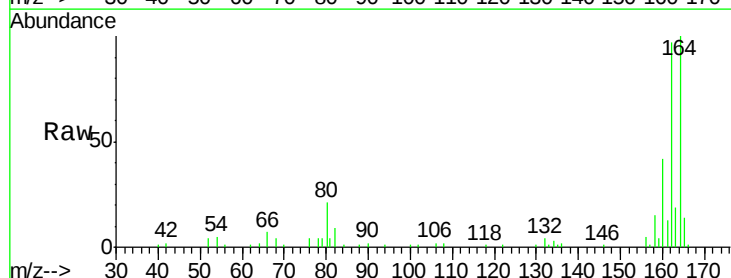
Tgt Ion: 164 Resp: 56807

Ion Ratio Lower Upper

164 100

162 96.9 86.1 129.1

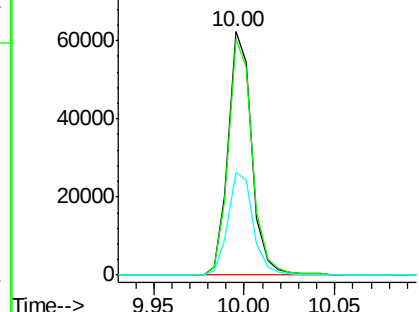
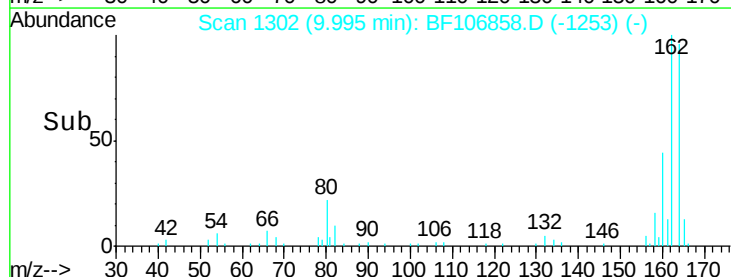
160 42.1 38.3 57.5



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

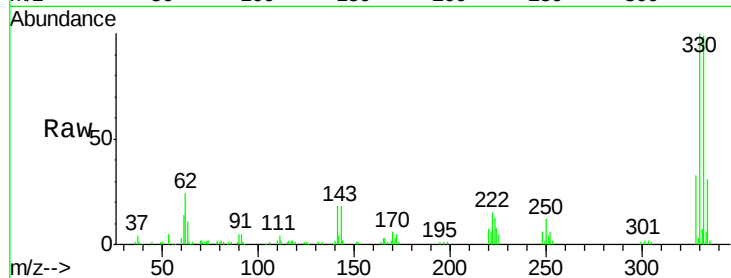




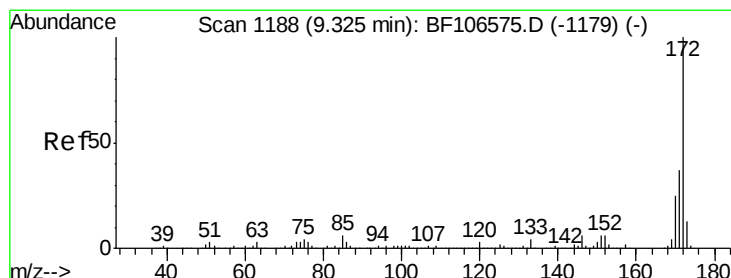
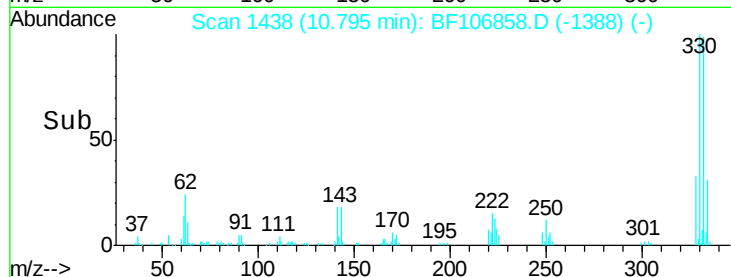
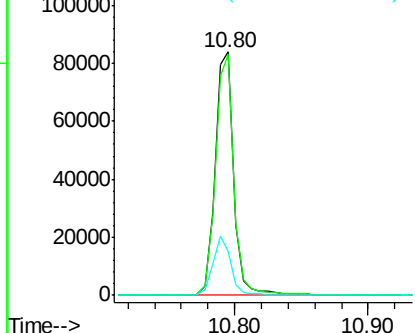
#41
 2,4,6-Tribromophenol
 Concen: 125.020 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106858.D
 Acq: 27 Jun 2018 7:44

Instrument :
 BNA_F
 ClientSampled :
 PE-4

Tgt Ion:330 Resp: 82314
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 23.2 29.9 44.9#

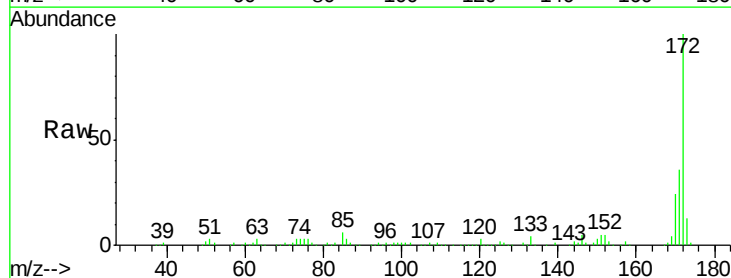


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

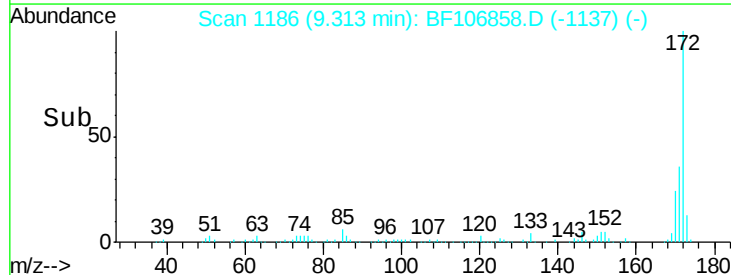
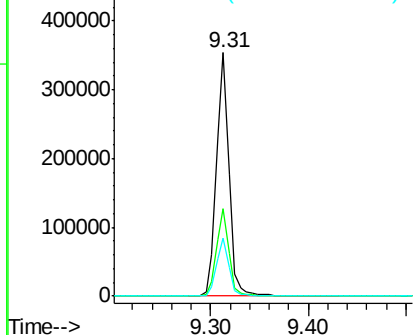


#44
 2-Fluorobiphenyl
 Concen: 96.809 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106858.D
 Acq: 27 Jun 2018 7:44

Tgt Ion:172 Resp: 318026
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.0 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

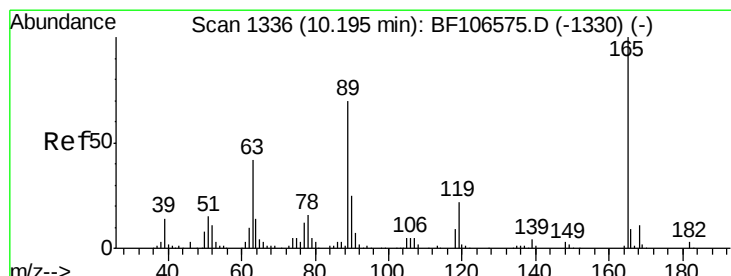
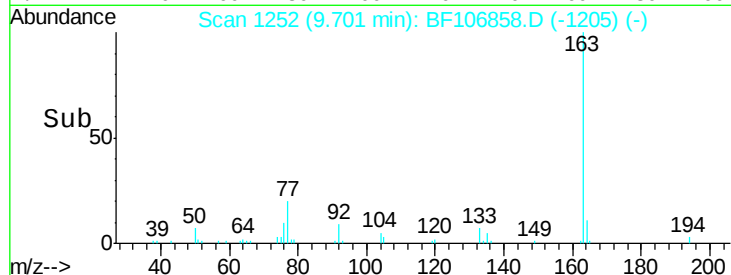
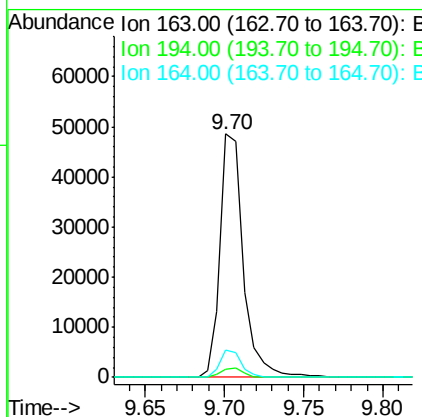
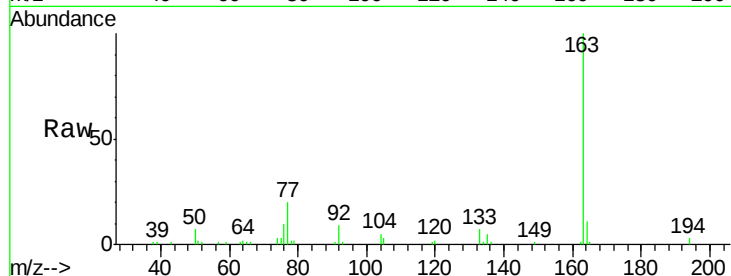




#49
Dimethylphthalate
Concen: 11.646 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

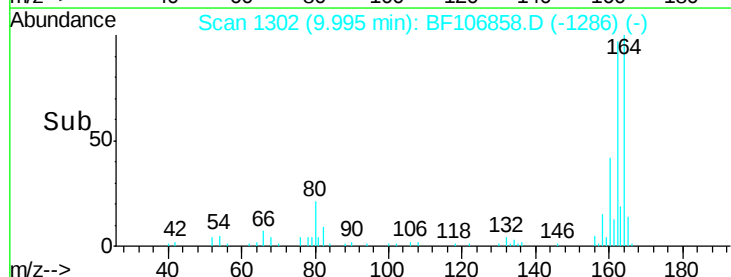
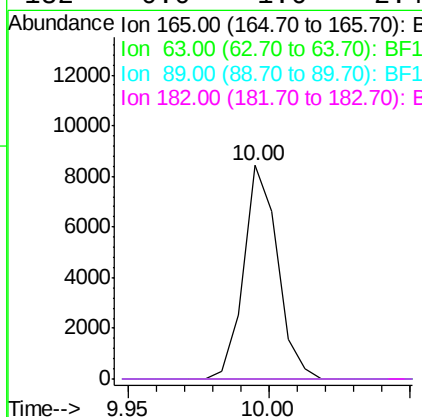
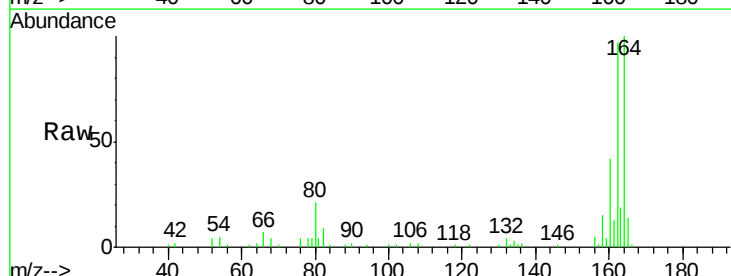
Instrument :
BNA_F
ClientSampleId :
PE-4

Tgt Ion:163 Resp: 49619
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 11.4 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.954 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

Tgt Ion:165 Resp: 7012
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#

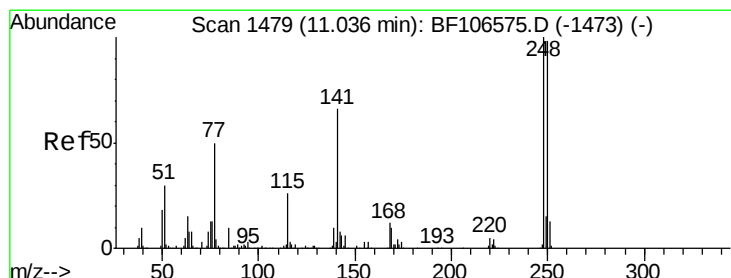
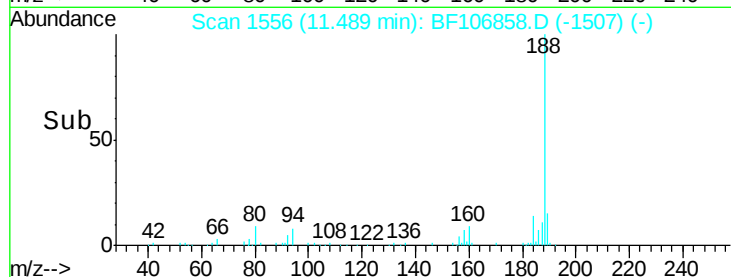
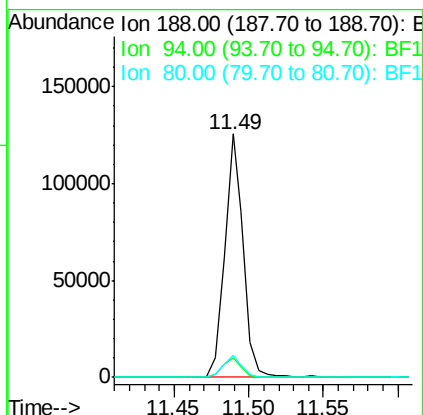
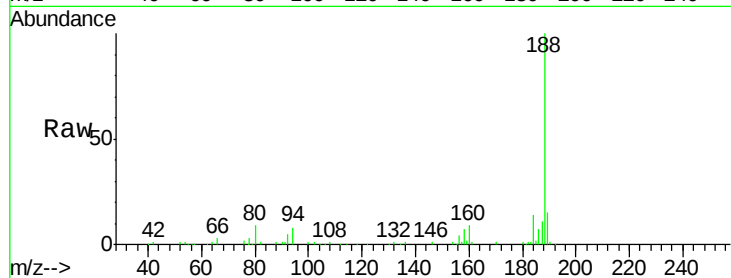




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

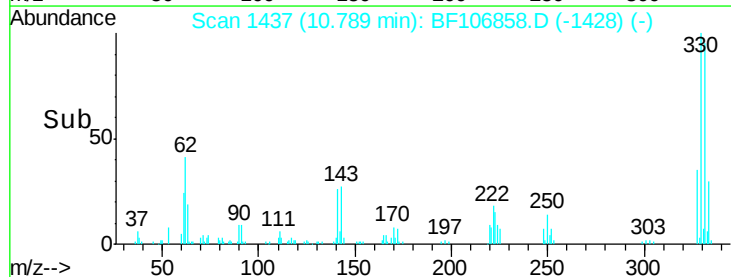
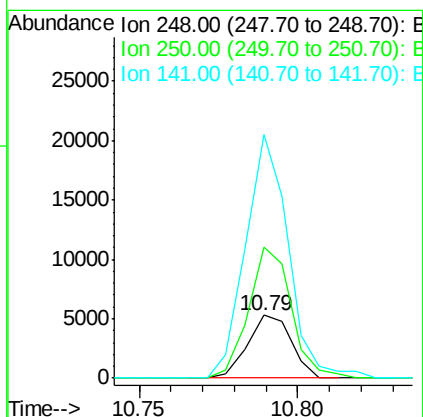
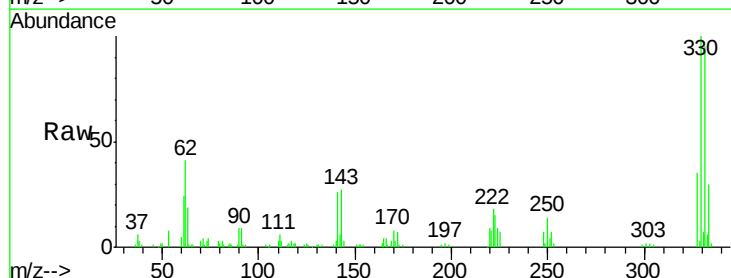
Instrument :
BNA_F
ClientSampleId :
PE-4

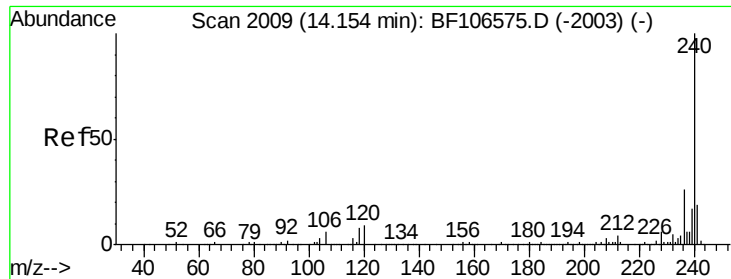
Tgt Ion:188 Resp: 109484
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 9.0 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 3.830 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

Tgt Ion:248 Resp: 5004
Ion Ratio Lower Upper
248 100
250 209.0 76.9 115.3#
141 387.9 74.4 111.6#

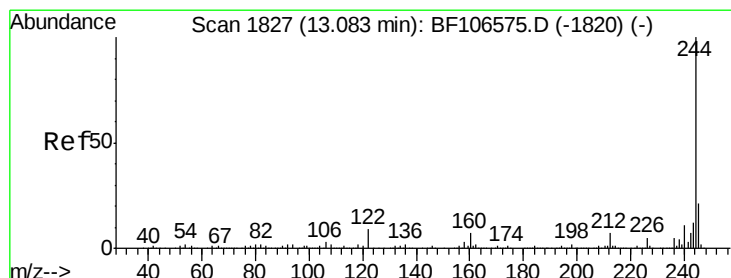
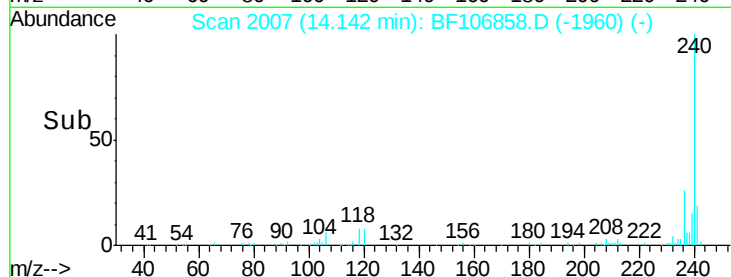
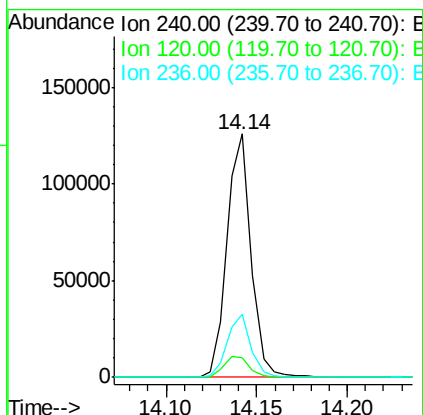
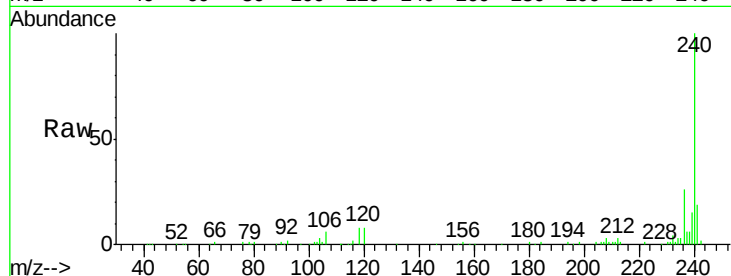




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

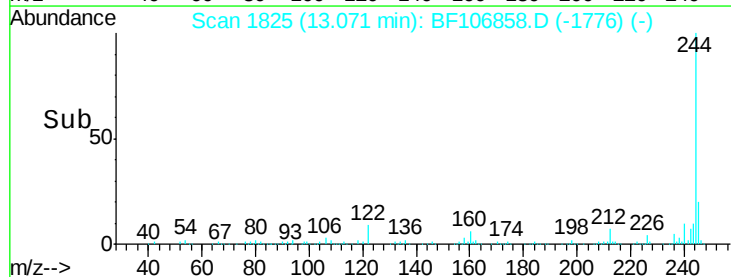
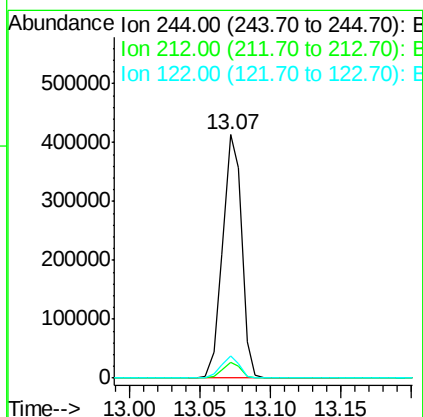
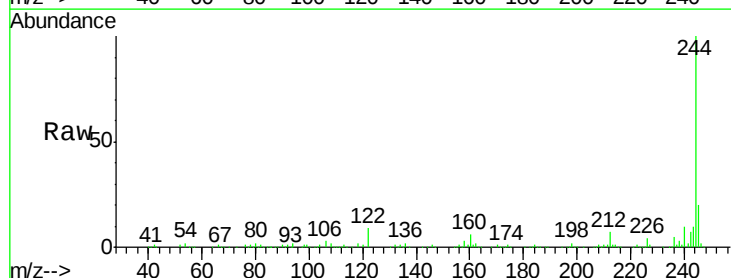
Instrument :
BNA_F
ClientSampleId :
PE-4

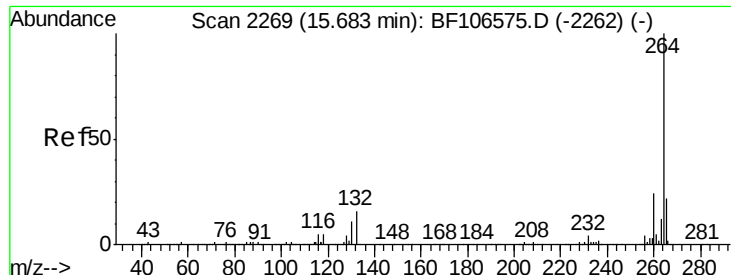
Tgt Ion:240 Resp: 116326
Ion Ratio Lower Upper
240 100
120 8.2 9.5 14.3#
236 25.9 20.7 31.1



#78
Terphenyl-d14
Concen: 80.692 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

Tgt Ion:244 Resp: 387505
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 9.1 11.0 16.4#

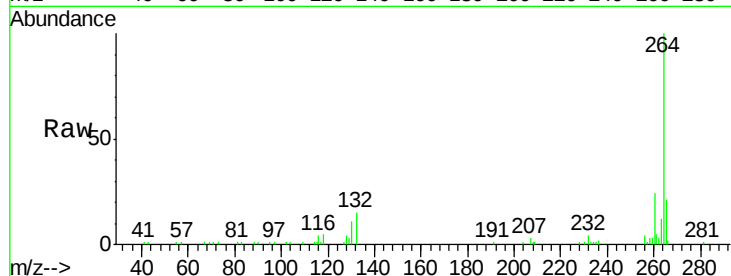




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

Instrument :
BNA_F
ClientSampleId :
PE-4

Tgt Ion:	264	Resp:	75504
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	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

