

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106850.D
 Acq On : 27 Jun 2018 4:14
 Operator : JU/SJ
 Sample : PB110514BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BL

Quant Time: Jun 27 04:43:21 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	42158	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	151199	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	67732	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	128807	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	125384	20.00	ng	-0.02
86) Perylene-d12	15.68	264	85264	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	205775	82.65	ng	0.00
7) Phenol-d6	6.60	99	256043	82.35	ng	-0.01
23) Nitrobenzene-d5	7.52	82	229601	84.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	57581	73.35	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	443278	116.19	ng	-0.01
78) Terphenyl-d14	13.08	244	494770	95.58	ng	0.00

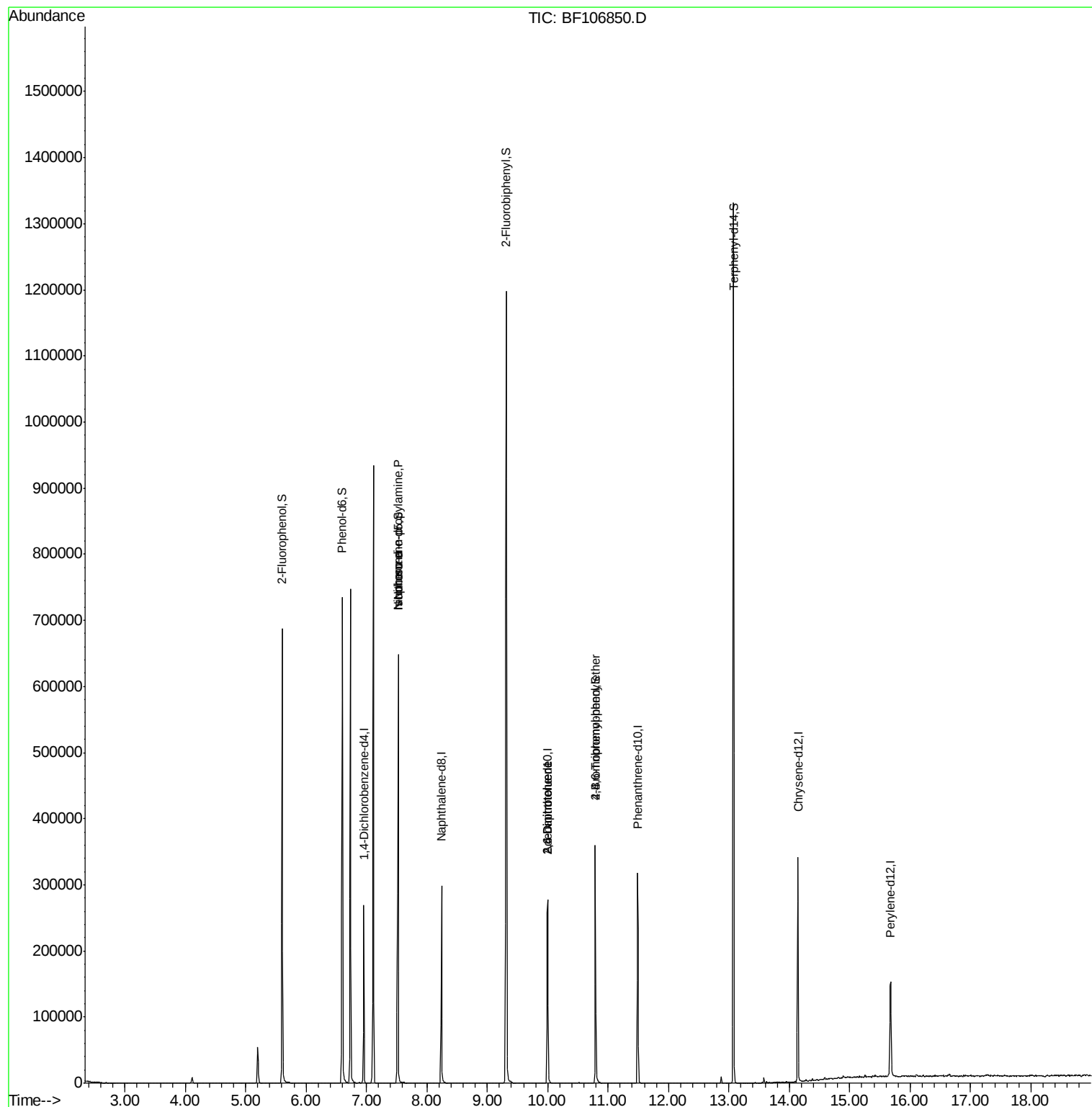
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	28887	14.095	ng	# 72
25) Isophorone	7.52	82	226887	47.325	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	8621	8.014	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8621	6.140	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3497	2.275	ng	# 1

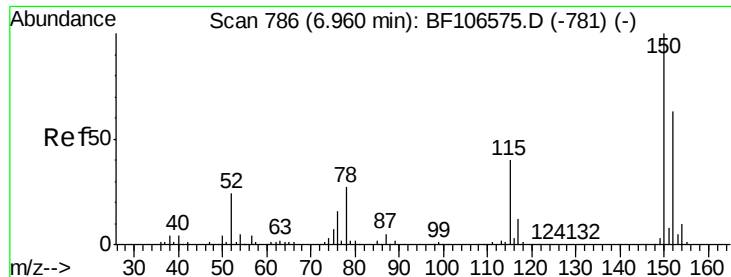
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
Data File : BF106850.D
Acq On : 27 Jun 2018 4:14
Operator : JU/SJ
Sample : PB110514BL
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110514BL

Quant Time: Jun 27 04:43:21 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



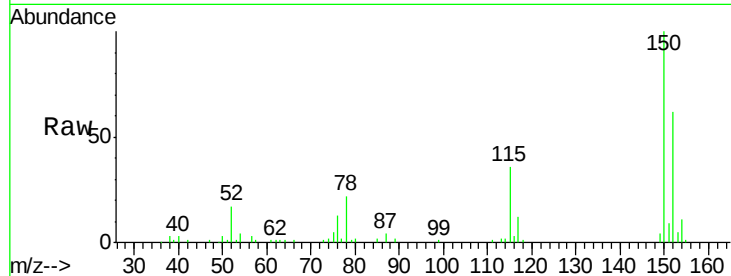


#1

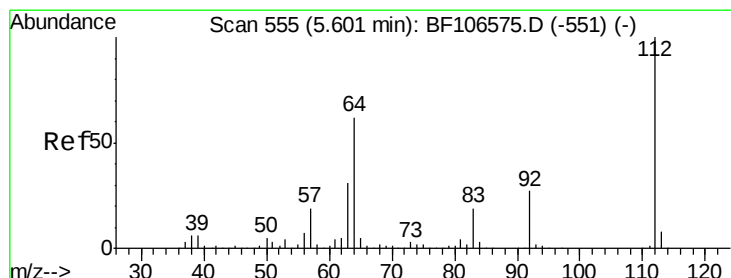
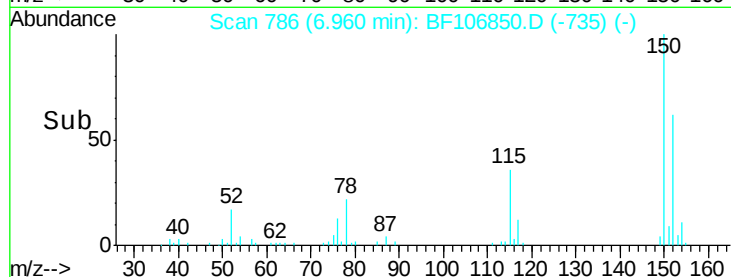
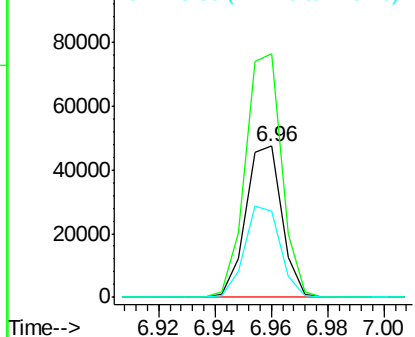
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Instrument :
BNA_F
ClientSampleId :
PB110514BL

Tgt Ion:152 Resp: 42158
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 57.4 50.1 75.1



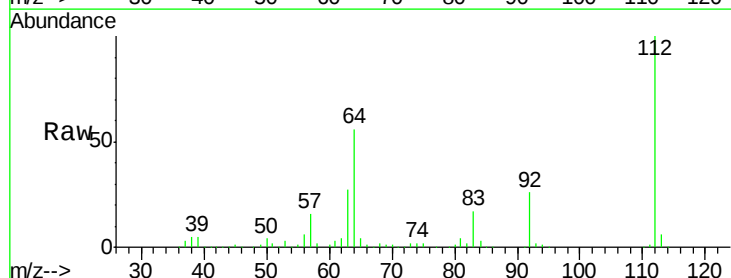
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



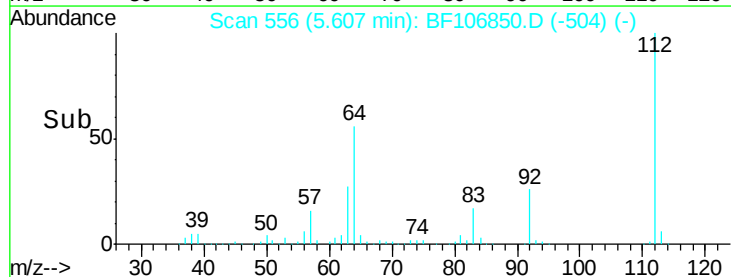
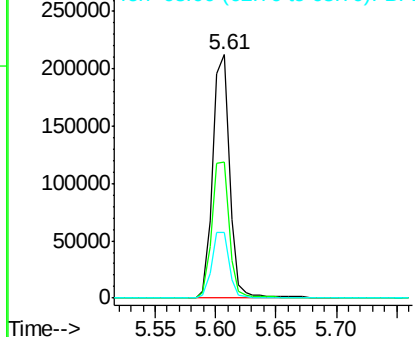
#5

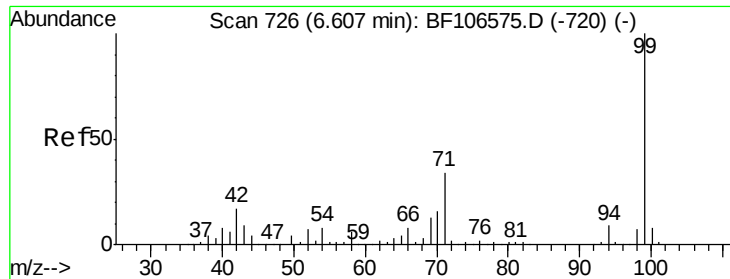
2-Fluorophenol
Concen: 82.652 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Tgt Ion:112 Resp: 205775
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 27.2 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: 82.352 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106850.D

Acq: 27 Jun 2018 4:14

Instrument :

BNA_F

ClientSampleId :

PB110514BL

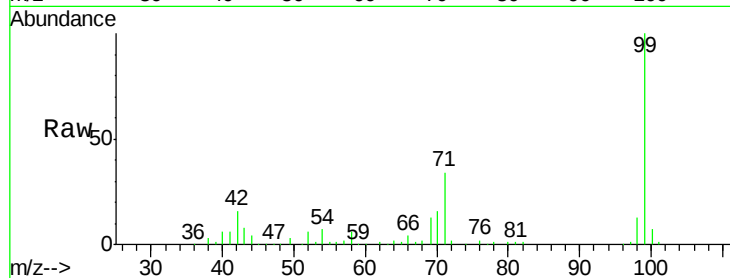
Tgt Ion: 99 Resp: 256043

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

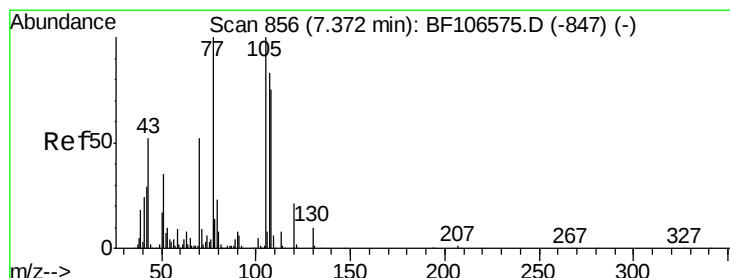
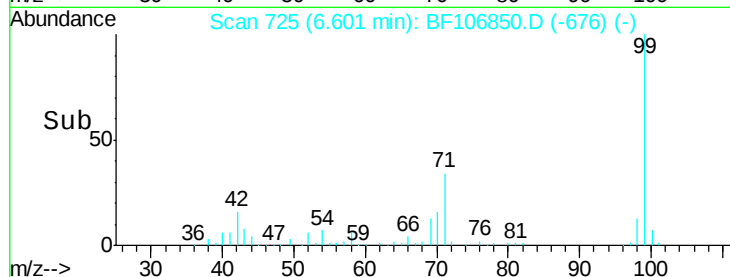
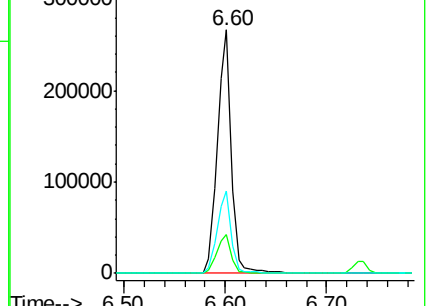
71 33.8 25.4 38.0



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: 14.095 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106850.D

Acq: 27 Jun 2018 4:14

Tgt Ion: 70 Resp: 28887

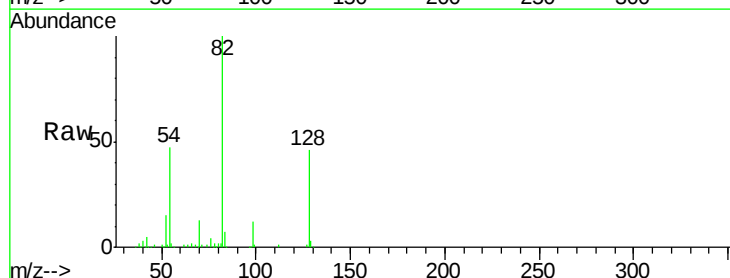
Ion Ratio Lower Upper

70 100

42 41.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

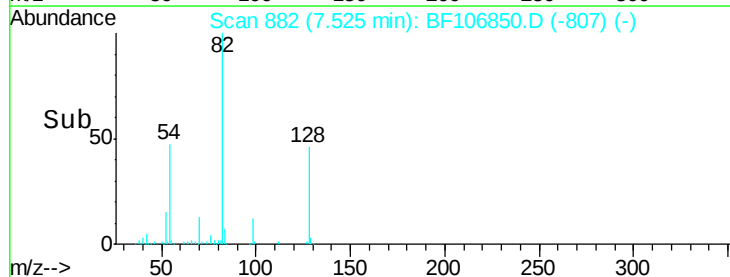
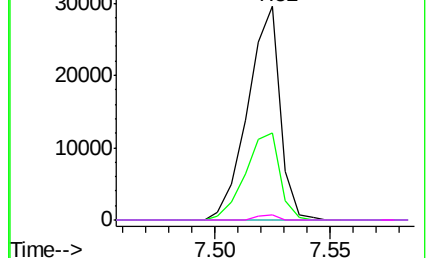


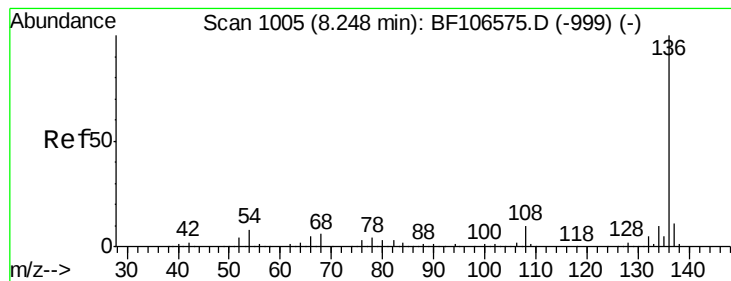
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF106850.D

Acq: 27 Jun 2018 4:14

Instrument :

BNA_F

ClientSampleId :

PB110514BL

Tgt Ion: 136 Resp: 151199

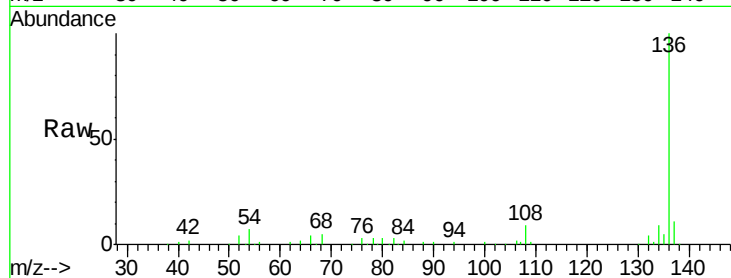
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.1 6.6 9.8

68 5.4 5.0 7.4

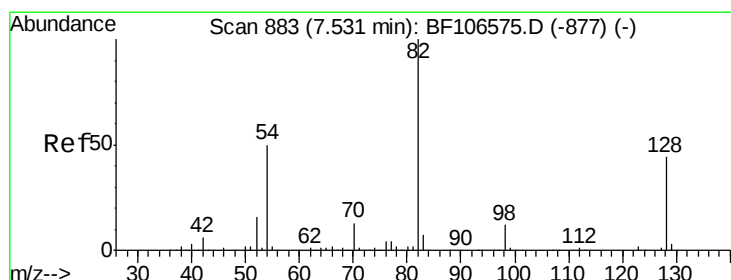
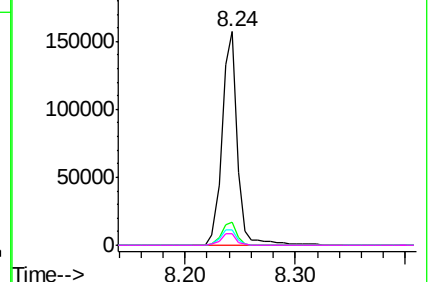
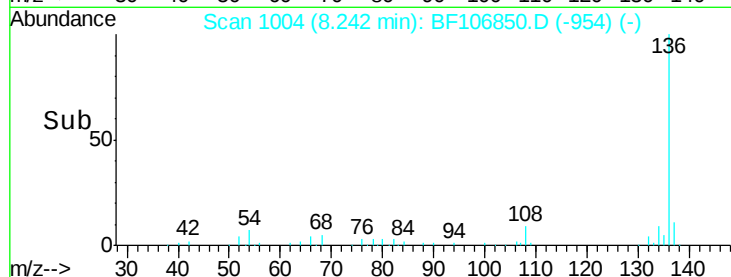


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.390 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106850.D

Acq: 27 Jun 2018 4:14

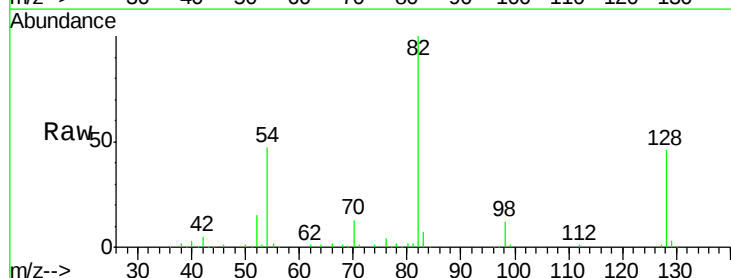
Tgt Ion: 82 Resp: 229601

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

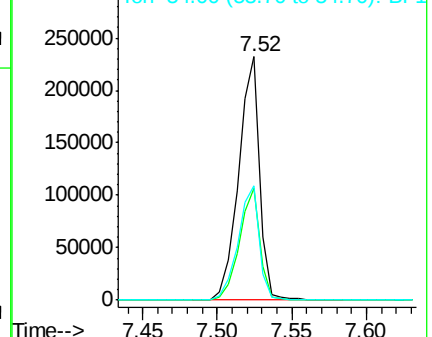
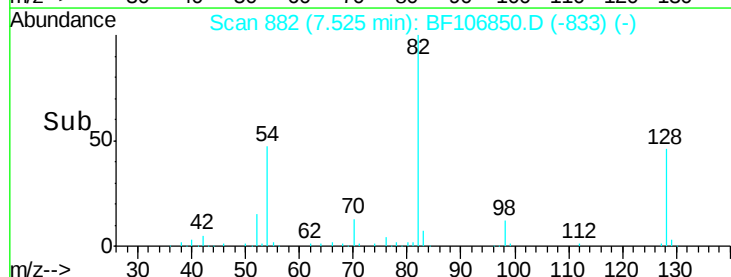
54 46.8 41.4 62.2

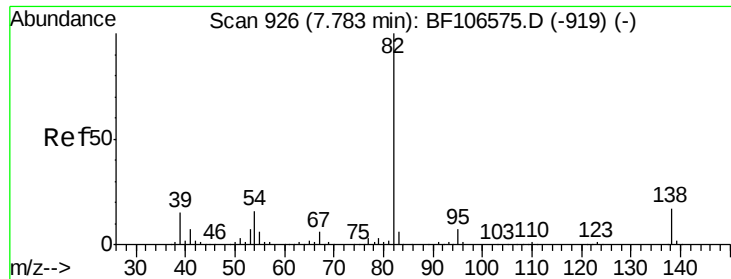


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.325 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106850.D

Acq: 27 Jun 2018 4:14

Instrument :

BNA_F

ClientSampleId :

PB110514BL

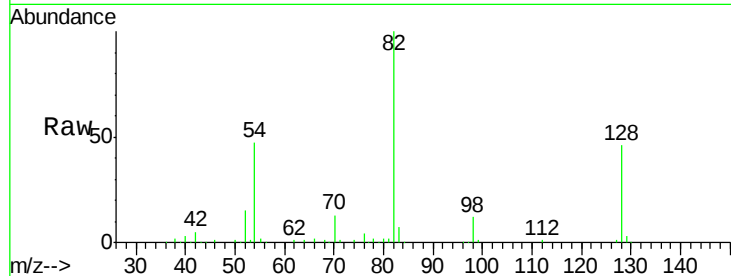
Tgt Ion: 82 Resp: 226887

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

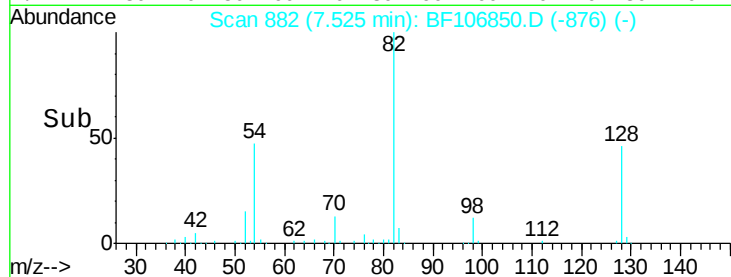


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



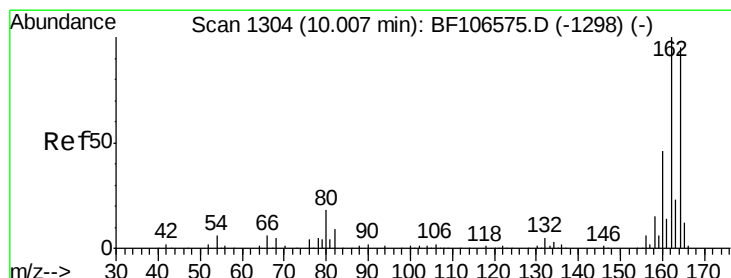
Abundance

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

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106850.D

Acq: 27 Jun 2018 4:14

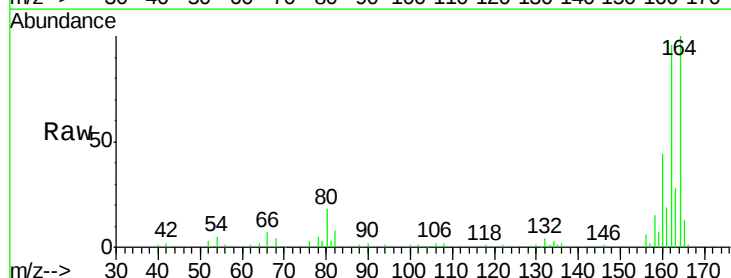
Tgt Ion: 164 Resp: 67732

Ion Ratio Lower Upper

164 100

162 95.7 86.1 129.1

160 44.1 38.3 57.5

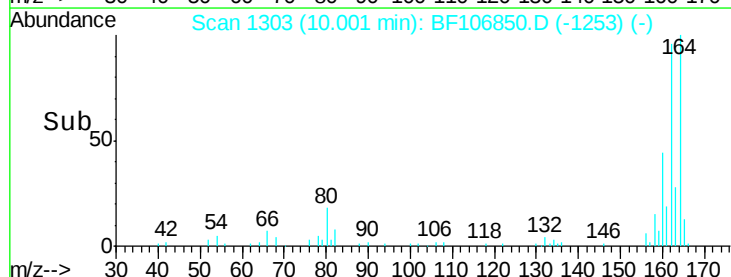


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

Time-->



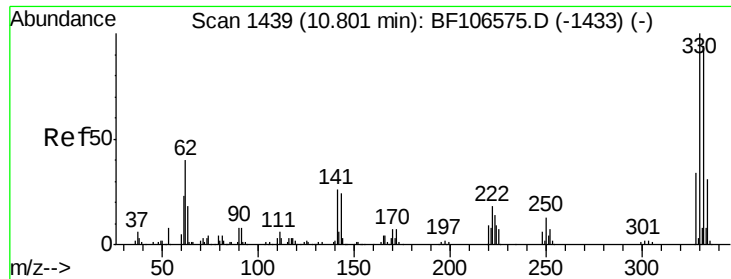
Abundance

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

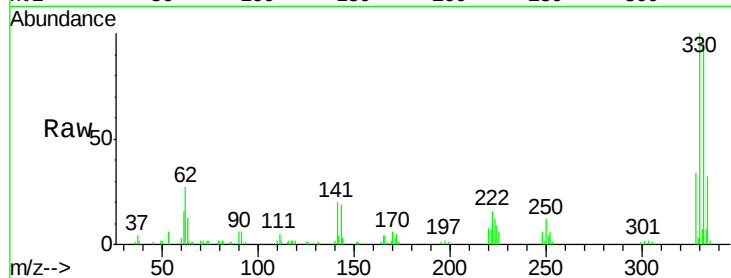
Time-->



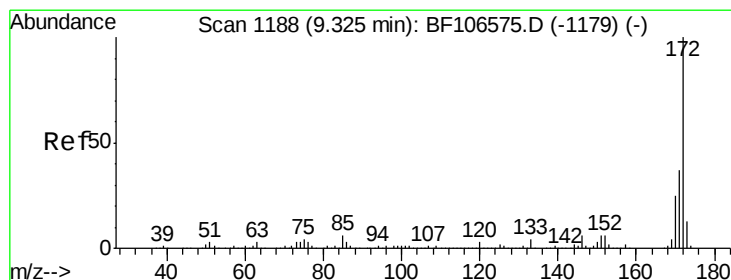
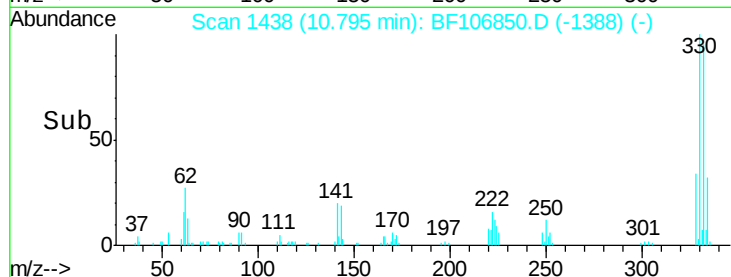
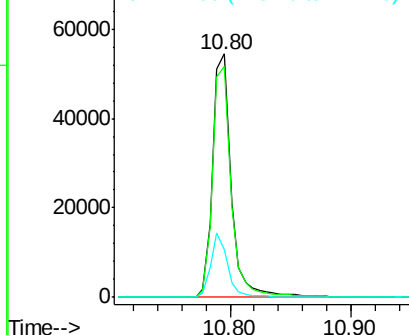
#41
 2,4,6-Tribromophenol
 Concen: 73.349 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106850.D
 Acq: 27 Jun 2018 4:14

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BL

Tgt Ion:330 Resp: 57581
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 23.8 29.9 44.9#

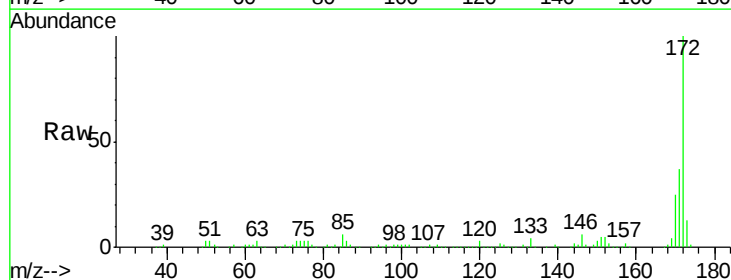


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

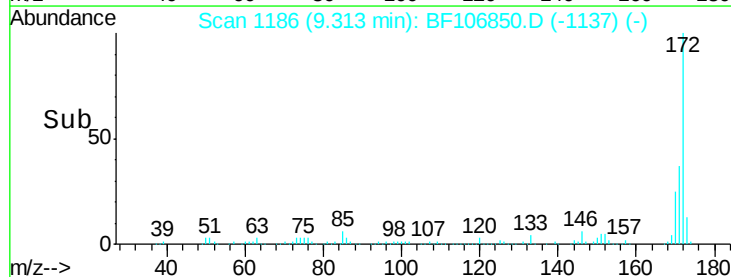
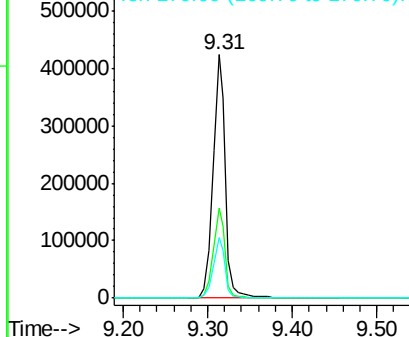


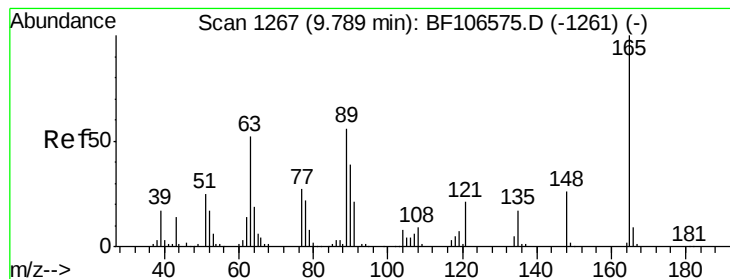
#44
 2-Fluorobiphenyl
 Concen: 116.188 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106850.D
 Acq: 27 Jun 2018 4:14

Tgt Ion:172 Resp: 443278
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.6 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





#50

2,6-Dinitrotoluene

Concen: 8.014 ng

RT: 10.00 min Scan# 1303

Delta R.T. 0.21 min

Lab File: BF106850.D

Acq: 27 Jun 2018 4:14

Instrument :

BNA_F

ClientSampleId :

PB110514BL

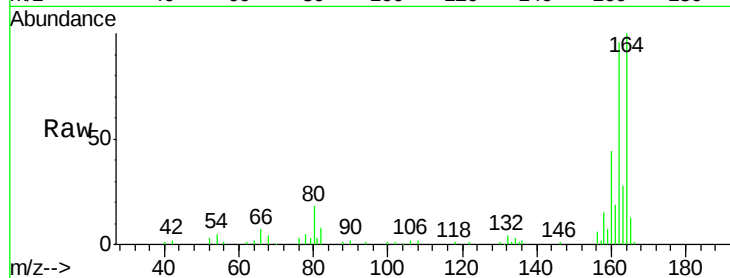
Tgt Ion:165 Resp: 8621

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

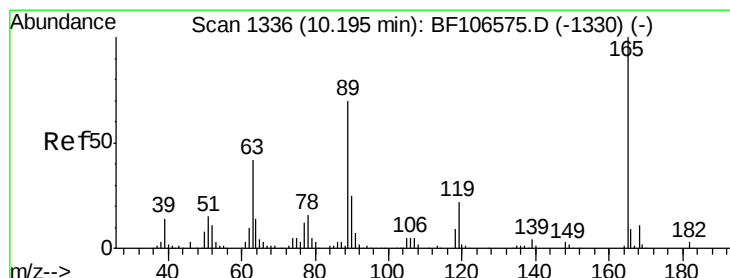
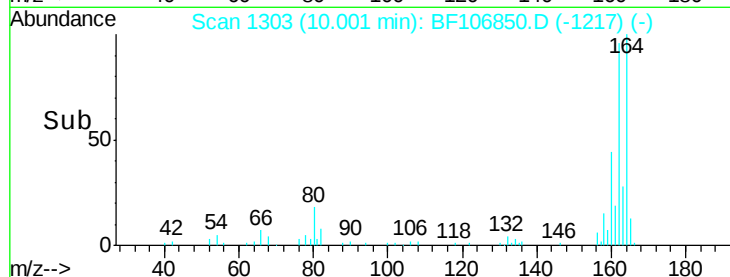
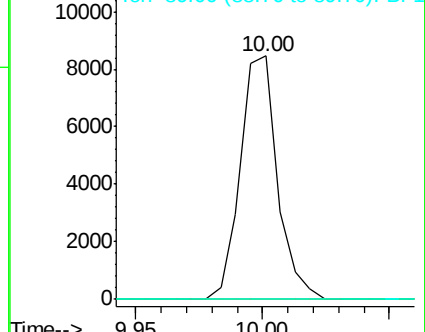
89 0.0 44.0 66.0#



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: 6.140 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF106850.D

Acq: 27 Jun 2018 4:14

Tgt Ion:165 Resp: 8621

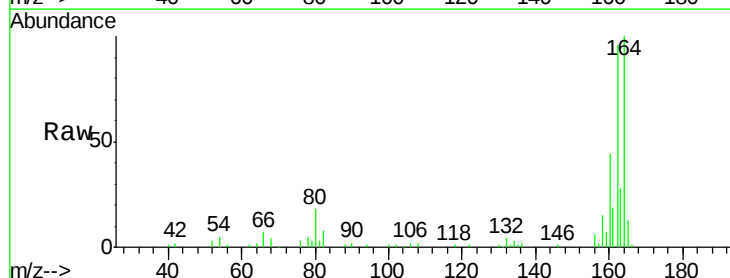
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

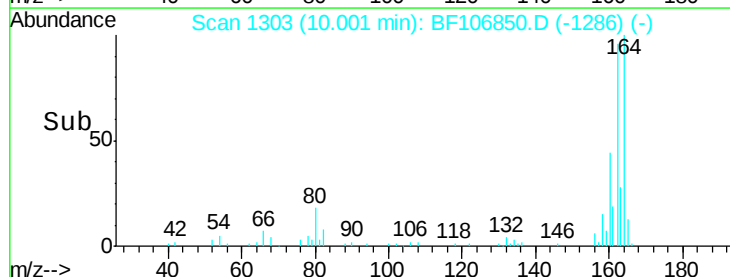
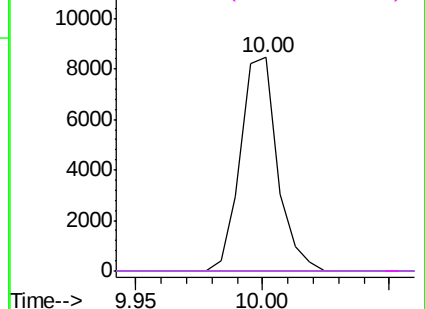


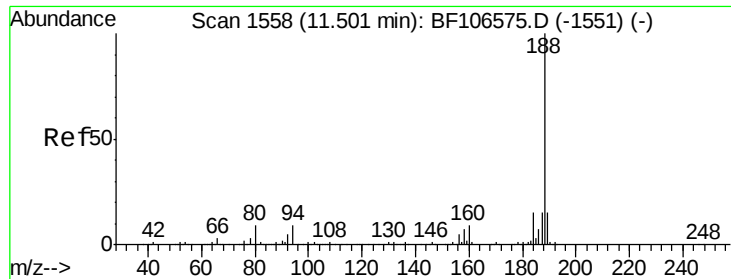
Abundance Ion 165.00 (164.70 to 165.70): E

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

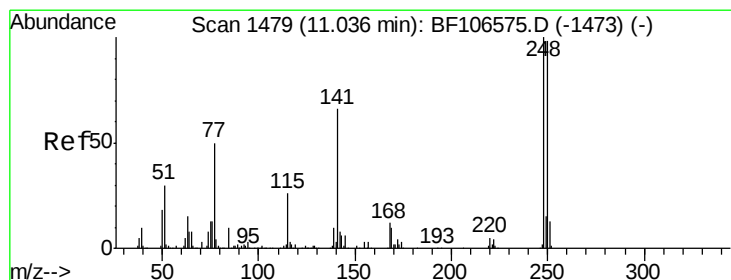
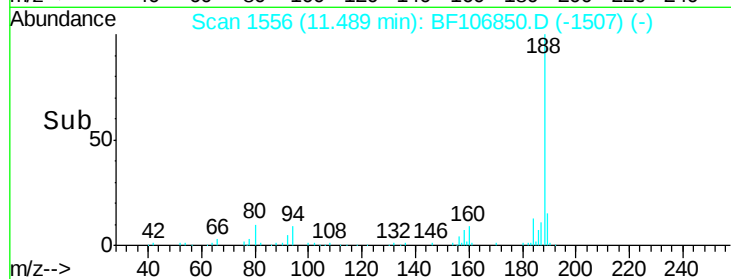
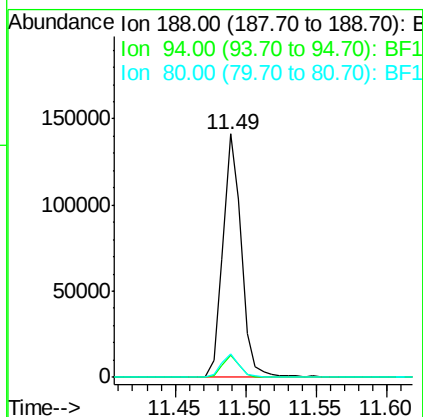
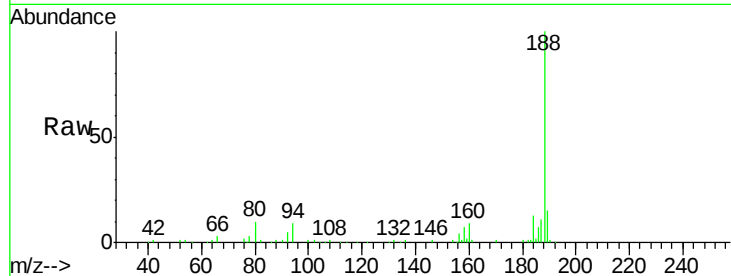




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

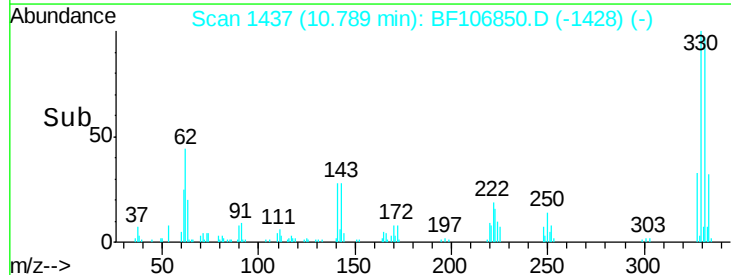
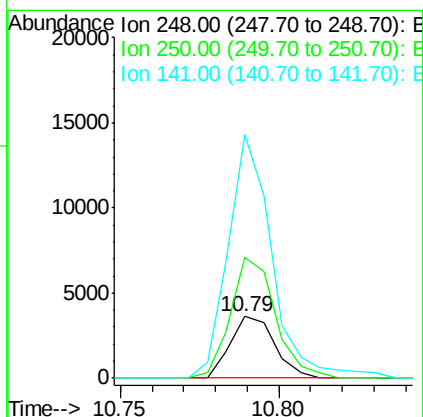
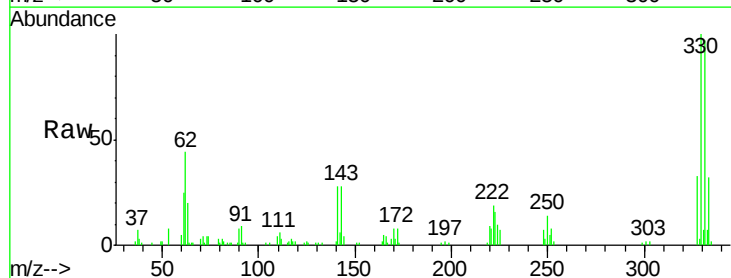
Instrument :
BNA_F
ClientSampleId :
PB110514BL

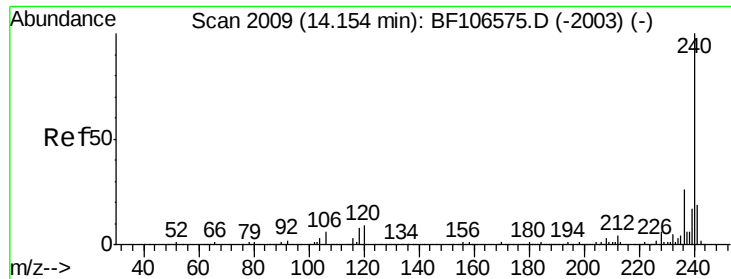
Tgt Ion:188 Resp: 128807
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.275 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Tgt Ion:248 Resp: 3497
Ion Ratio Lower Upper
248 100
250 196.7 76.9 115.3#
141 397.0 74.4 111.6#

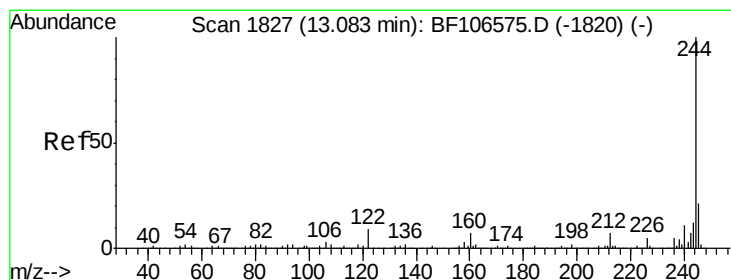
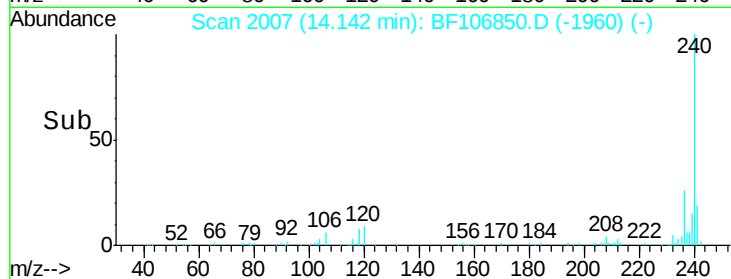
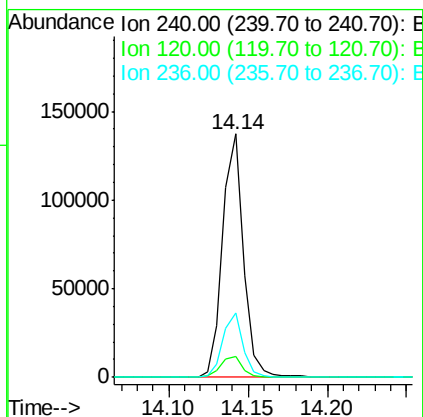
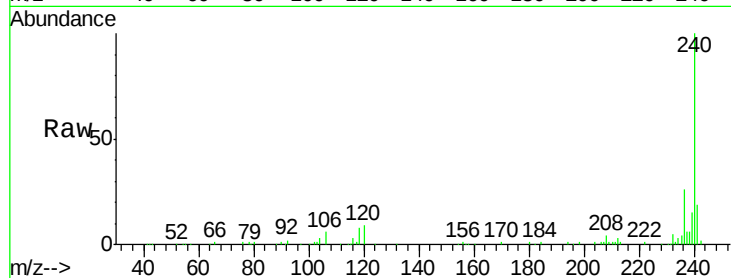




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

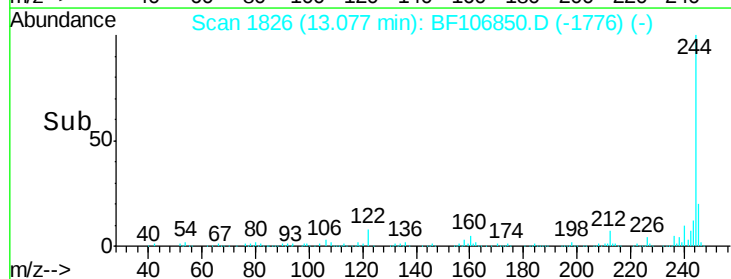
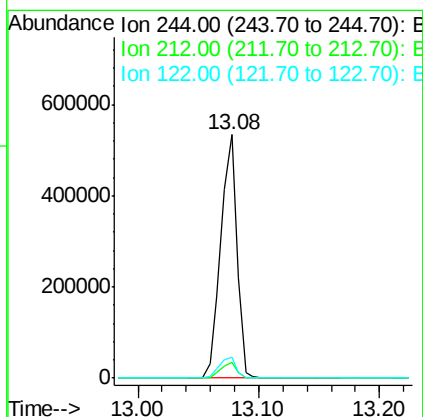
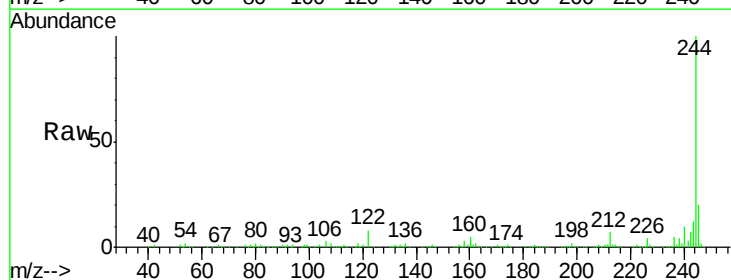
Instrument :
BNA_F
ClientSampleId :
PB110514BL

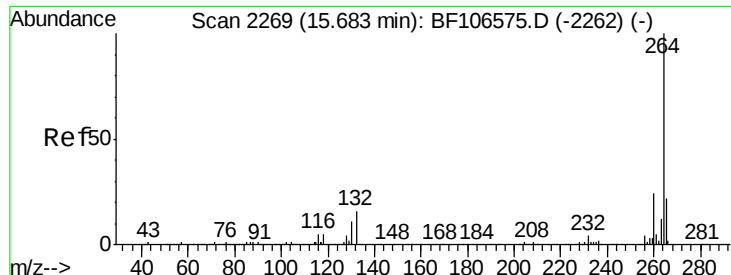
Tgt Ion:240 Resp: 125384
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 26.2 20.7 31.1



#78
Terphenyl-d14
Concen: 95.585 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Tgt Ion:244 Resp: 494770
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 8.4 11.0 16.4#

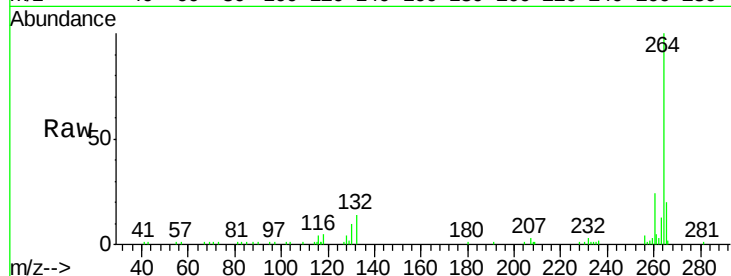




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Instrument :
BNA_F
ClientSampleId :
PB110514BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.3	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

