

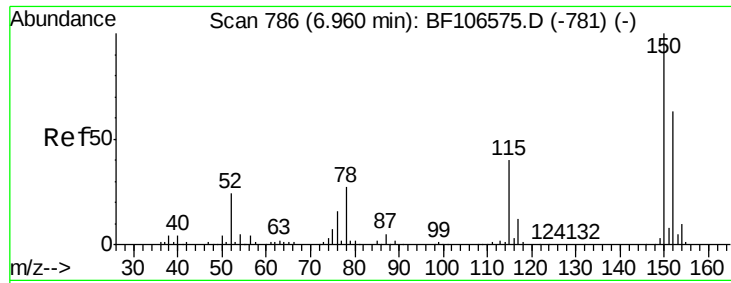
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106612.D
 Acq On : 20 Jun 2018 5:26
 Operator : JU/SJ
 Sample : J3554-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-2(1.0)

Quant Time: Jun 20 05:49:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	97620	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	337653	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	129667	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	215660	20.00	ng	0.00
75) Chrysene-d12	14.14	240	252395	20.00	ng	-0.01
86) Perylene-d12	15.67	264	176532	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	706827	122.61	ng	0.00
7) Phenol-d6	6.61	99	889004	123.48	ng	0.00
23) Nitrobenzene-d5	7.52	82	586451	96.52	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	184680	122.88	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	846174	115.80	ng	0.00
78) Terphenyl-d14	13.08	244	791864	76.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	78037	16.444	ng	# 75
25) Isophorone	7.52	82	586437	54.774	ng	# 64
49) Dimethylphthalate	9.71	163	114616	11.785	ng	99
56) 2,4-Dinitrotoluene	10.00	165	16549	6.157	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	11593	4.504	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.10	149	43815	5.008	ng	99

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

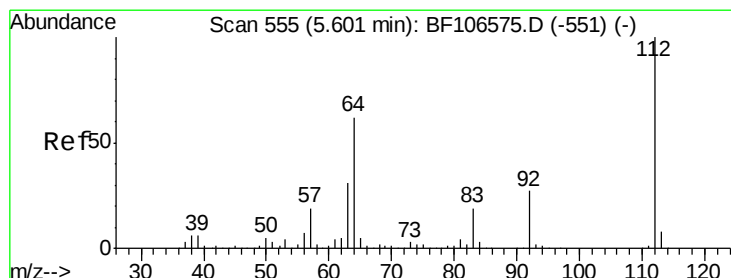
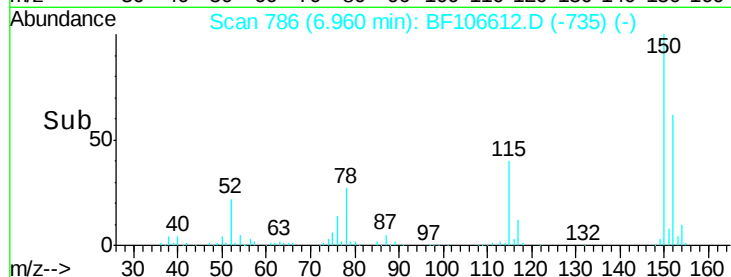
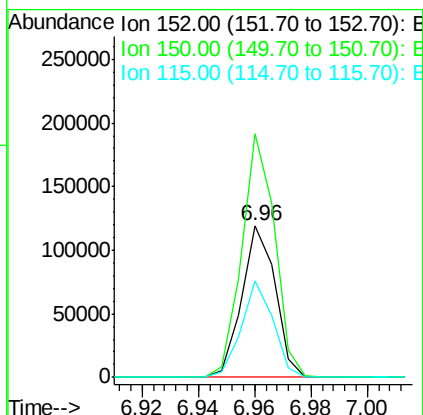
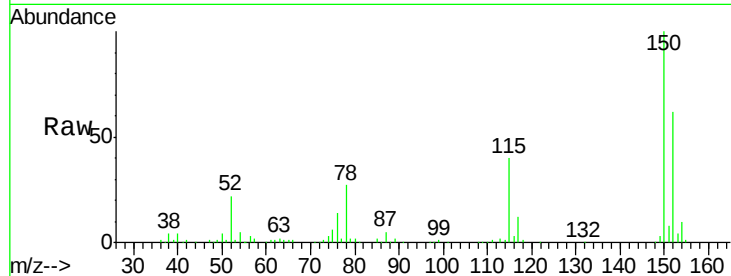


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106612.D
Acq: 20 Jun 2018 5:26

Instrument :
BNA_F
ClientSampled :
A-2(1.0)

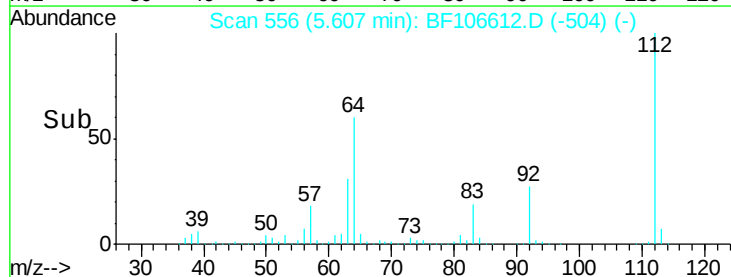
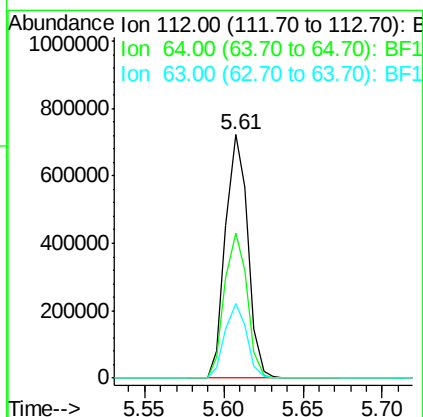
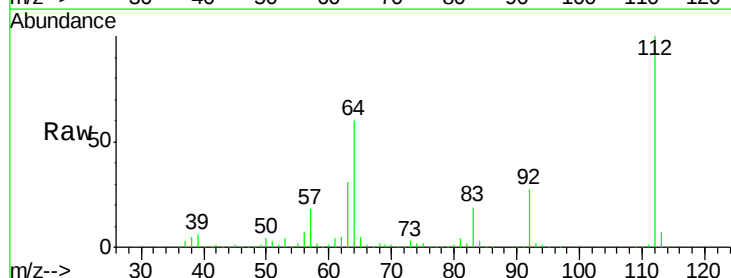
Tgt Ion:152 Resp: 97620
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 63.7 50.1 75.1

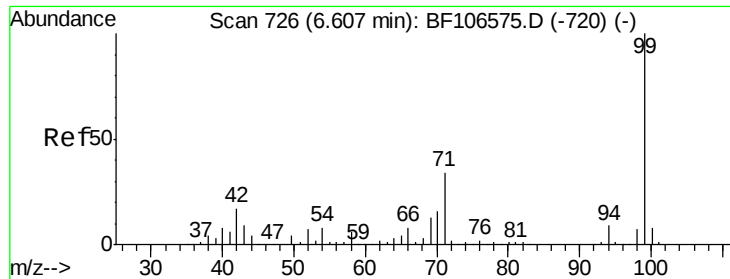


#5

2-Fluorophenol
Concen: 122.606 ng
RT: 5.61 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF106612.D
Acq: 20 Jun 2018 5:26

Tgt Ion:112 Resp: 706827
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 123.483 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

Instrument :

BNA_F

ClientSampleId :

A-2(1.0)

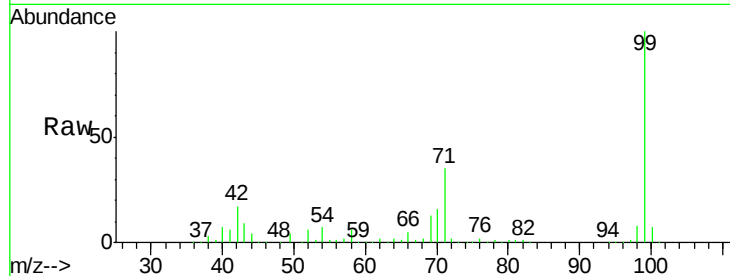
Tgt Ion: 99 Resp: 889004

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

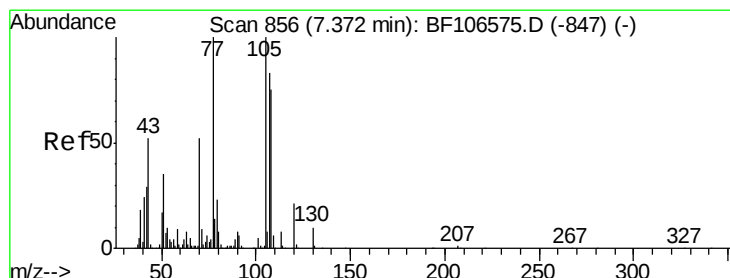
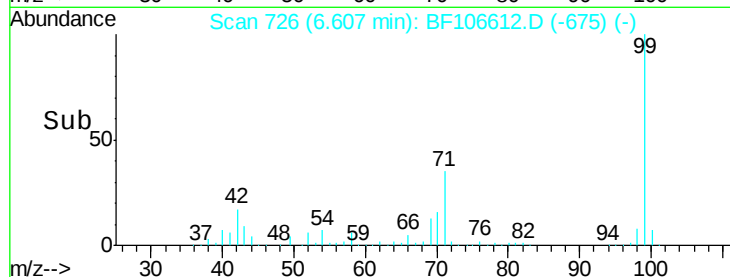
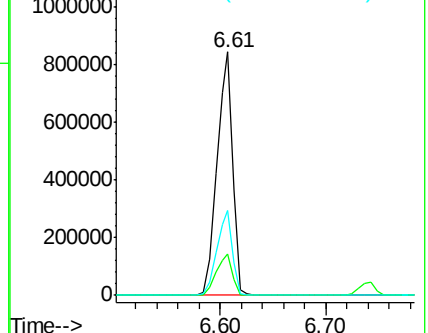
71 34.9 25.4 38.0



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: 16.444 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

Tgt Ion: 70 Resp: 78037

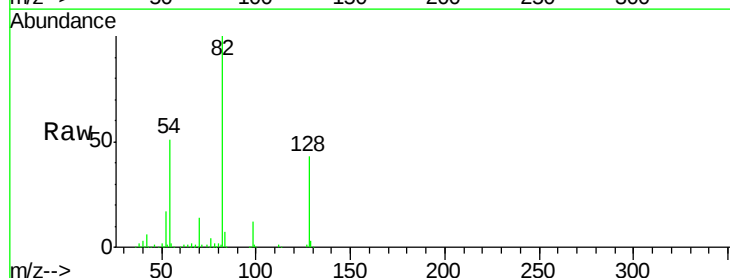
Ion Ratio Lower Upper

70 100

42 44.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

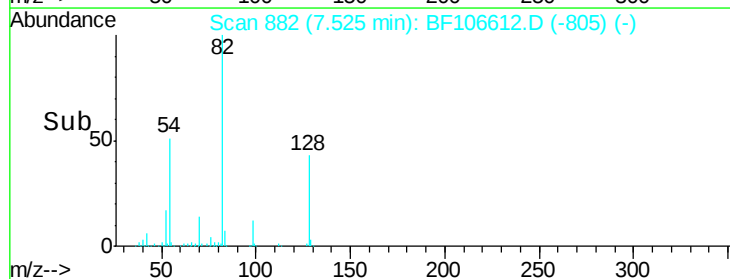
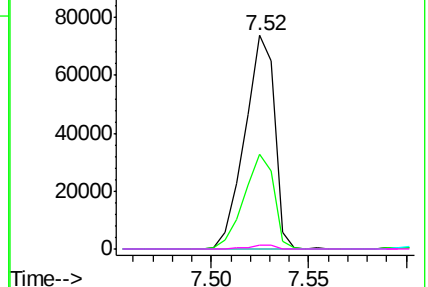


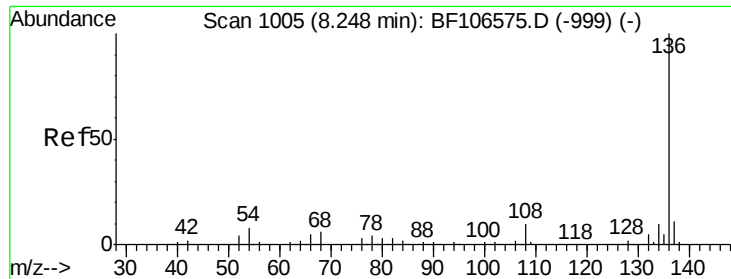
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

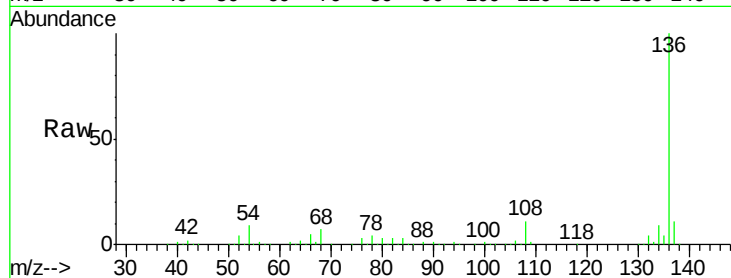




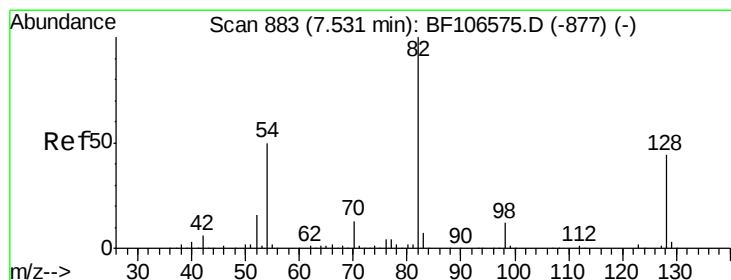
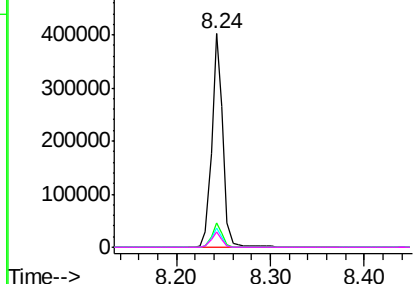
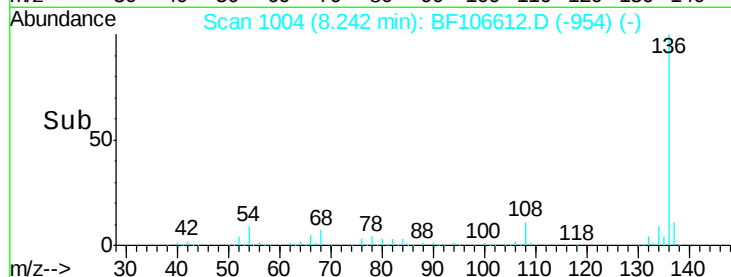
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106612.D
Acq: 20 Jun 2018 5:26

Instrument :
BNA_F
ClientSampleId :
A-2(1.0)

Tgt Ion:	136	Resp:	337653
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.8	6.6	9.8
68	7.1	5.0	7.4

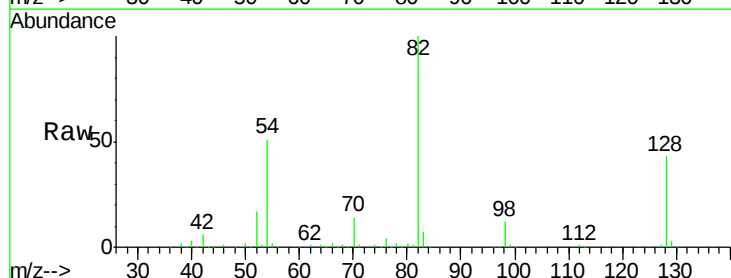


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

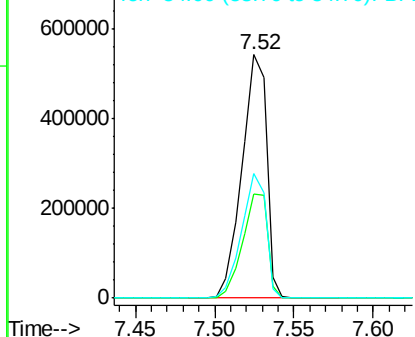
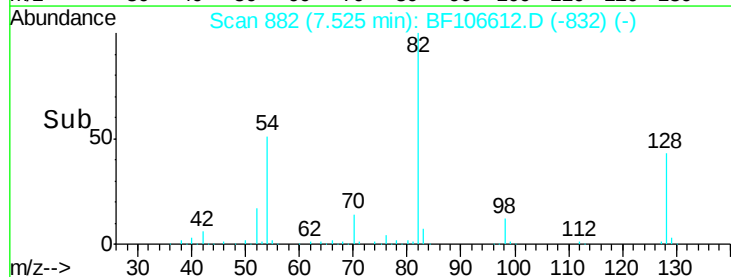


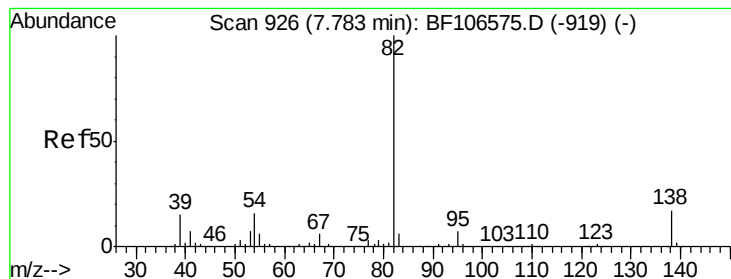
#23
Nitrobenzene-d5
Concen: 96.523 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106612.D
Acq: 20 Jun 2018 5:26

Tgt Ion:	82	Resp:	586451
Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	51.1	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: 54.774 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

Instrument :

BNA_F

ClientSampleId :

A-2(1.0)

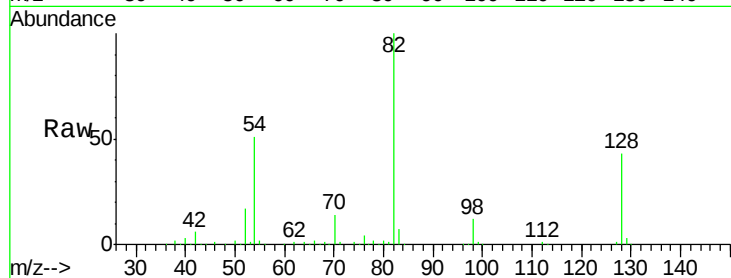
Tgt Ion: 82 Resp: 586437

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

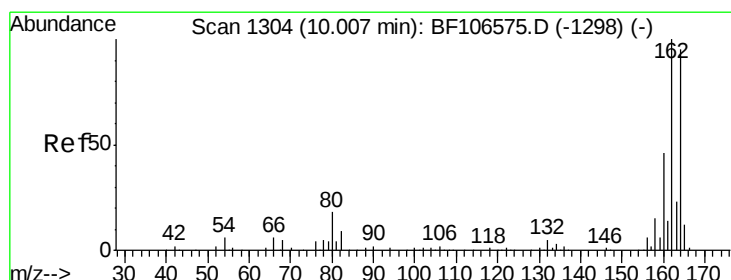
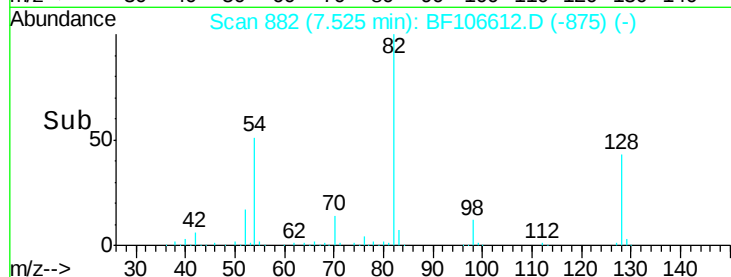
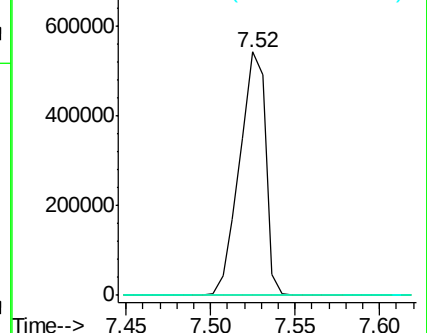
138 0.0 14.9 22.3#



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# 1303

Delta R.T. -0.01 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

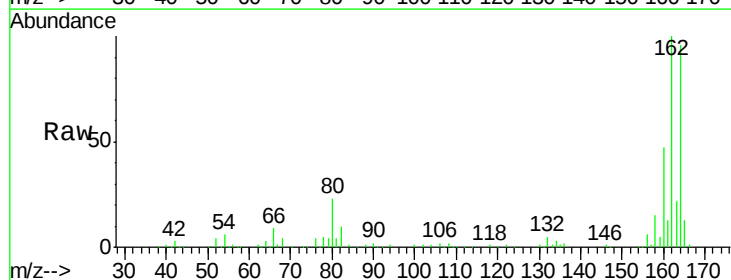
Tgt Ion: 164 Resp: 129667

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

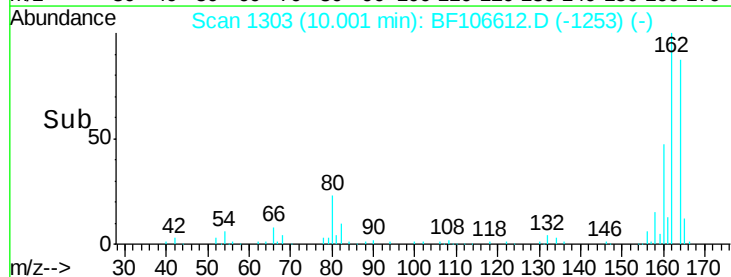
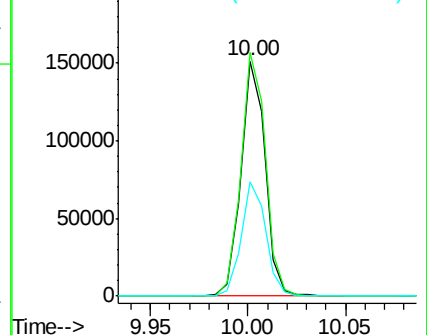
160 48.6 38.3 57.5

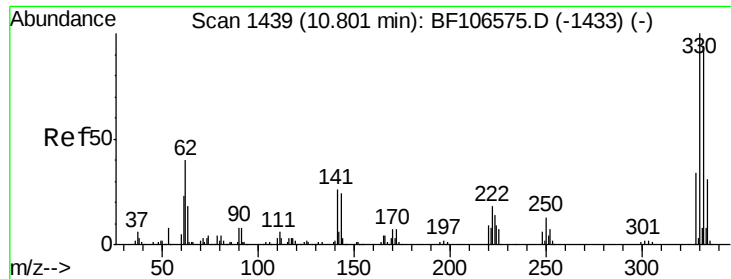


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

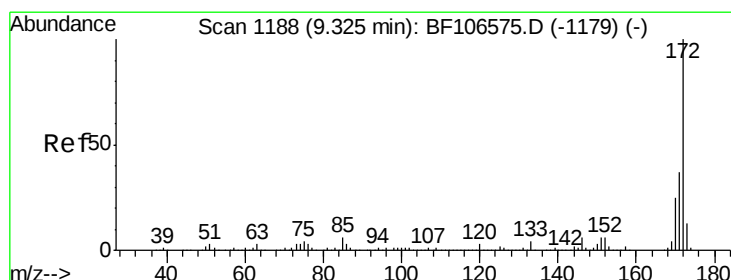
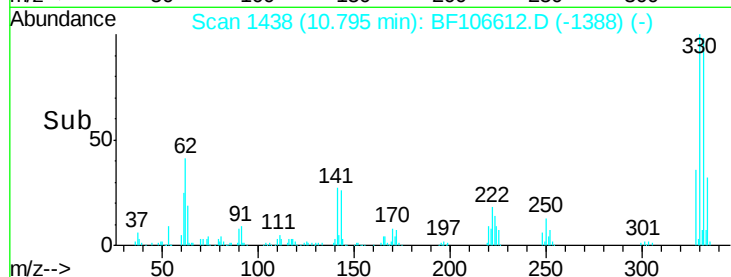
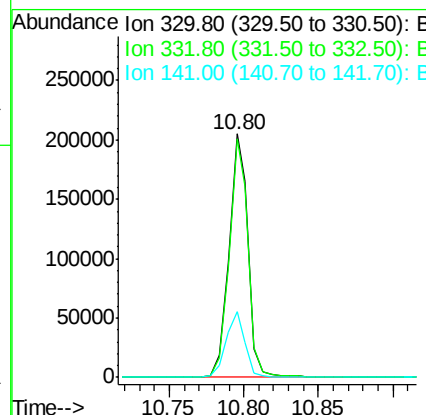
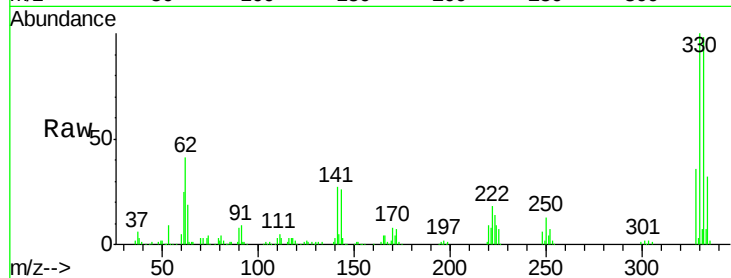




#41
 2,4,6-Tribromophenol
 Concen: 122.884 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106612.D
 Acq: 20 Jun 2018 5:26

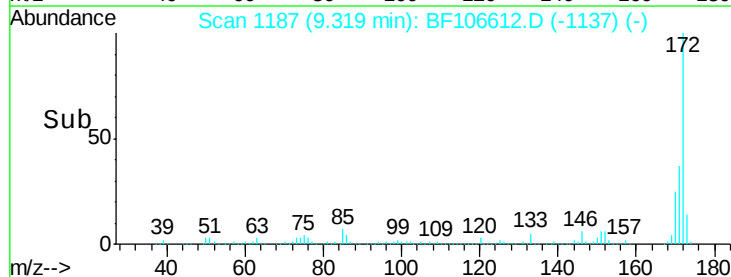
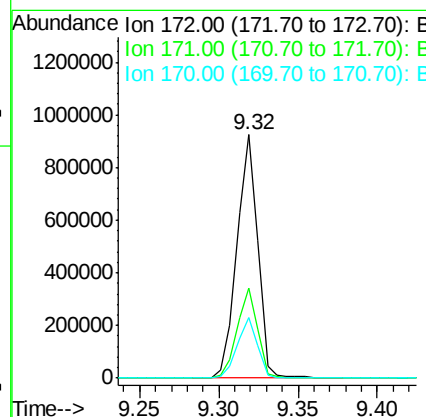
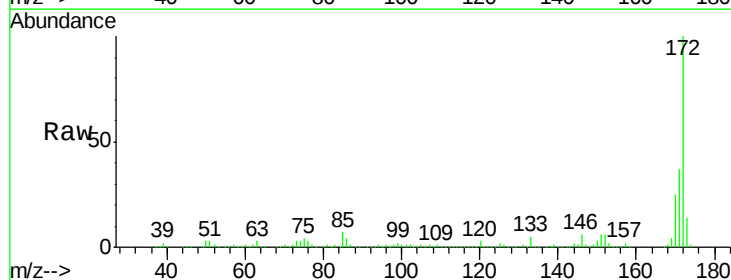
Instrument :
 BNA_F
 ClientSampled :
 A-2(1.0)

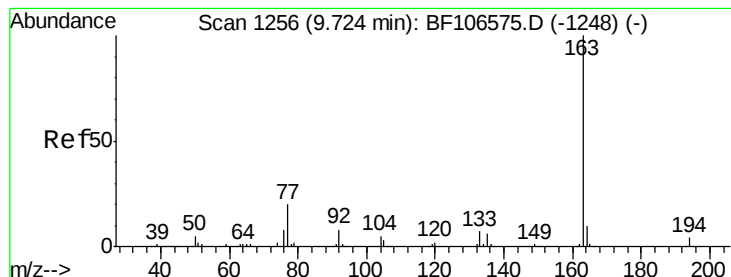
Tgt Ion:330 Resp: 184680
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 26.9 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 115.802 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106612.D
 Acq: 20 Jun 2018 5:26

Tgt Ion:172 Resp: 846174
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 25.0 19.6 29.4





#49

Dimethylphthalate

Concen: 11.785 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

Instrument :

BNA_F

ClientSampleId :

A-2(1.0)

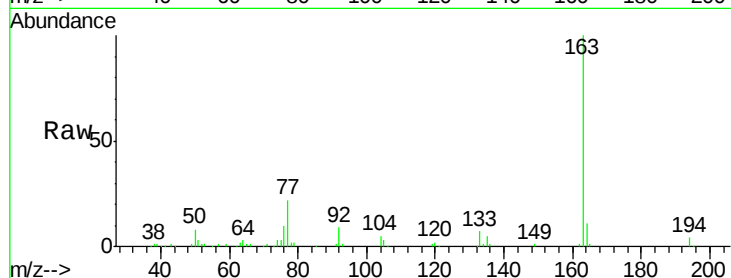
Tgt Ion:163 Resp: 114616

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

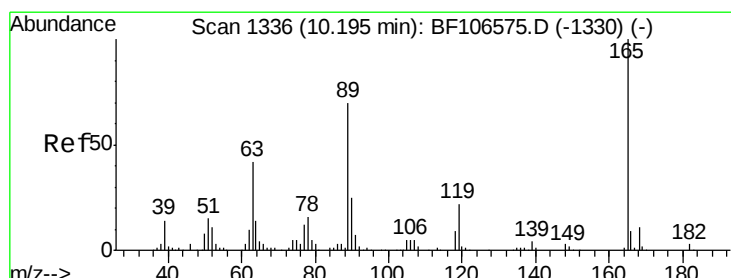
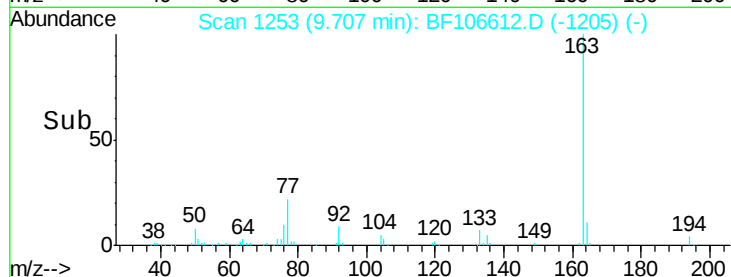
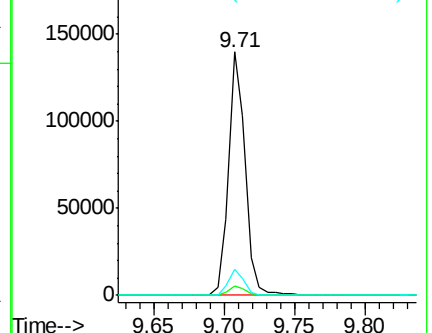
164 10.7 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.157 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

Tgt Ion:165 Resp: 16549

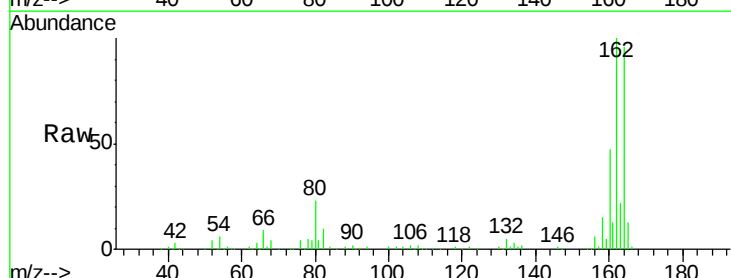
Ion Ratio Lower Upper

165 100

63 2.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

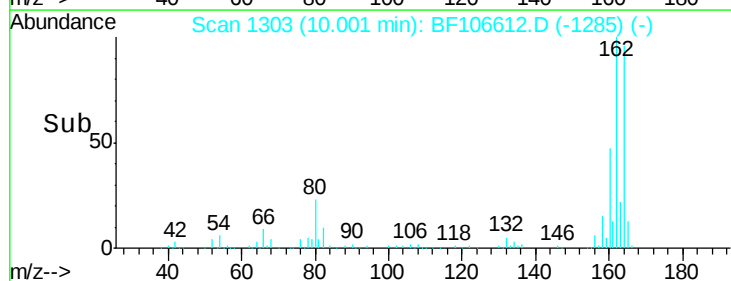
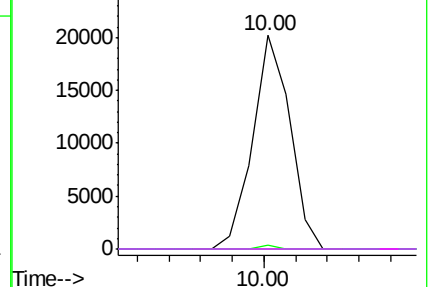


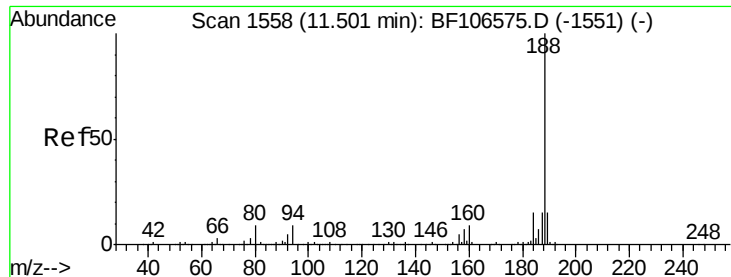
Abundance Ion 165.00 (164.70 to 165.70): E

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

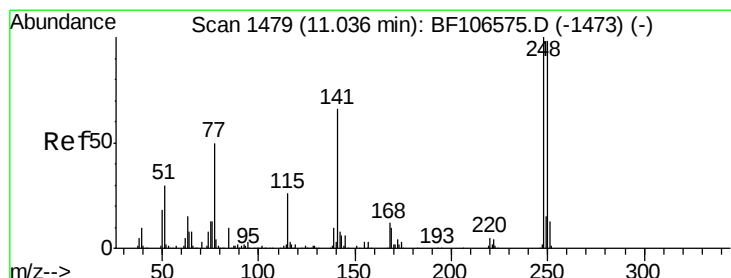
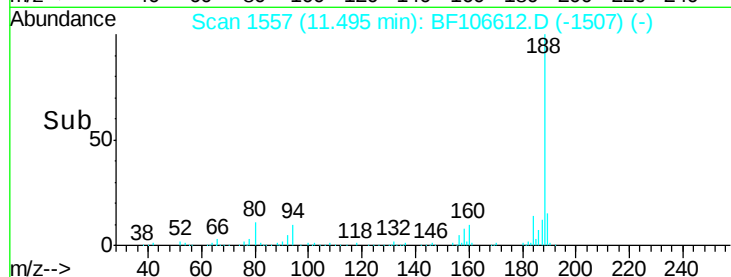
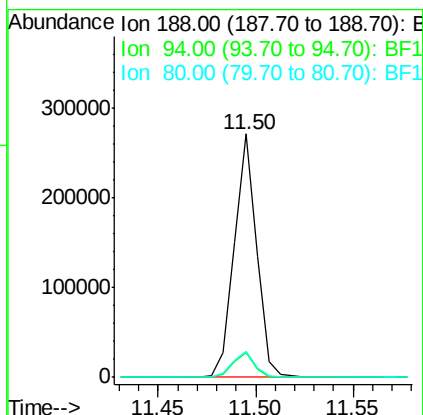
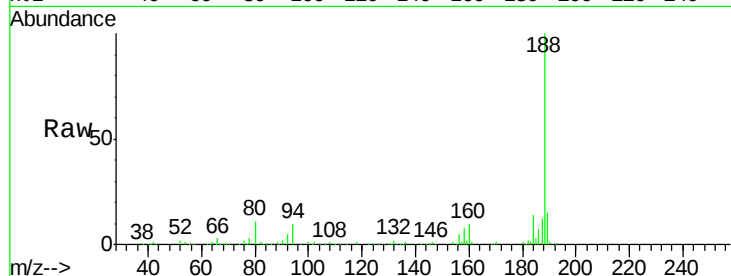




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106612.D
Acq: 20 Jun 2018 5:26

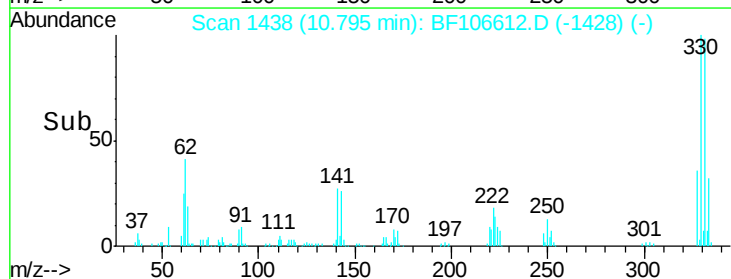
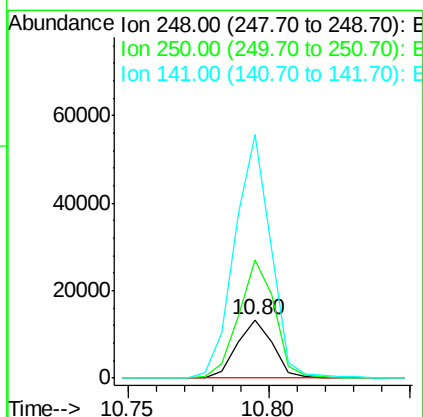
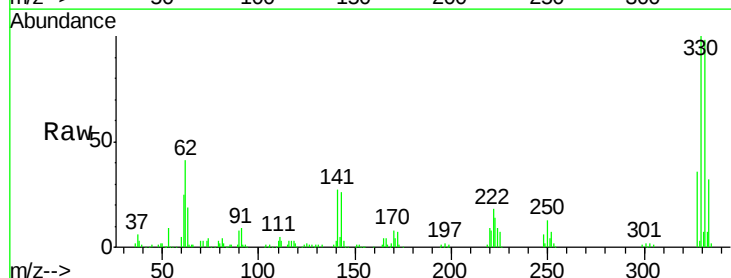
Instrument :
BNA_F
ClientSampleId :
A-2(1.0)

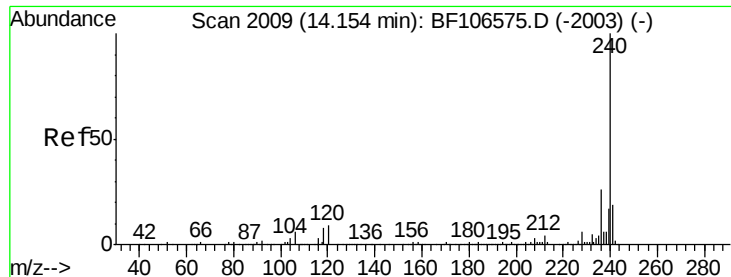
Tgt Ion:188 Resp: 215660
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.504 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106612.D
Acq: 20 Jun 2018 5:26

Tgt Ion:248 Resp: 11593
Ion Ratio Lower Upper
248 100
250 202.5 76.9 115.3#
141 418.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

Instrument :

BNA_F

ClientSampleId :

A-2(1.0)

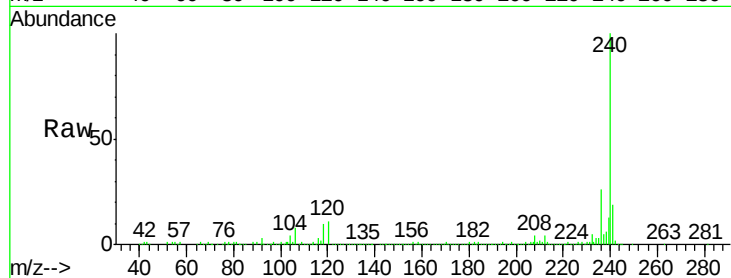
Tgt Ion:240 Resp: 252395

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

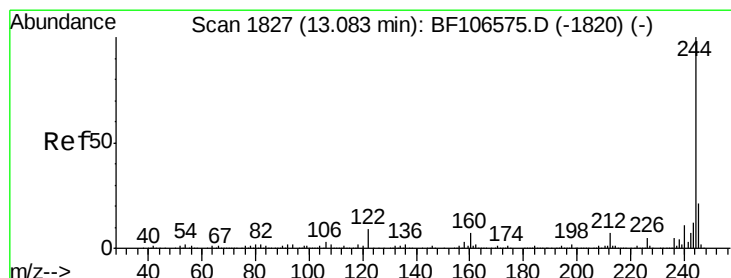
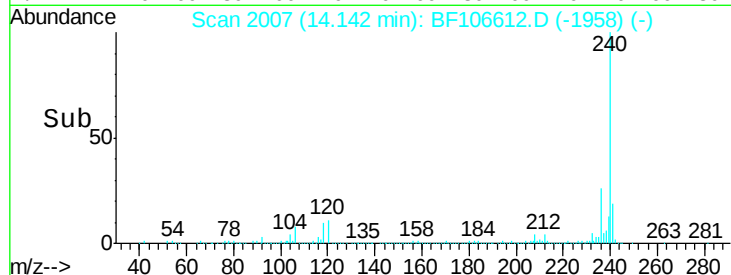
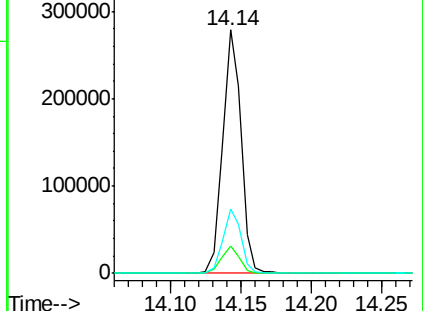
236 26.2 20.7 31.1



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: 75.997 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

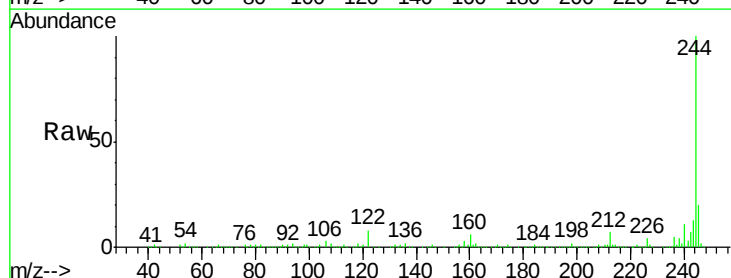
Tgt Ion:244 Resp: 791864

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

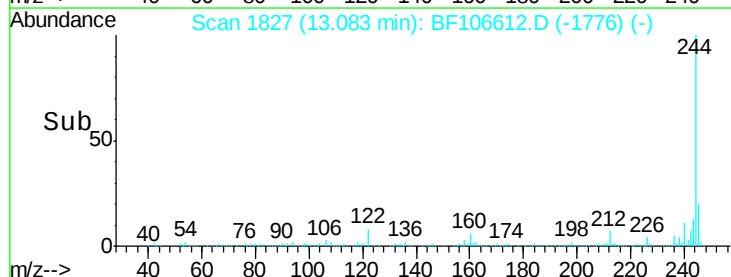
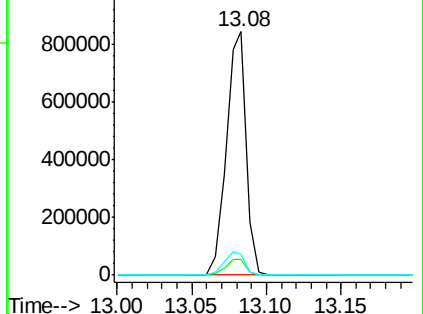
122 8.5 11.0 16.4#

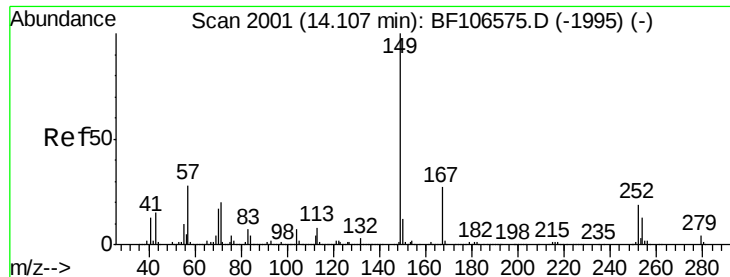


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

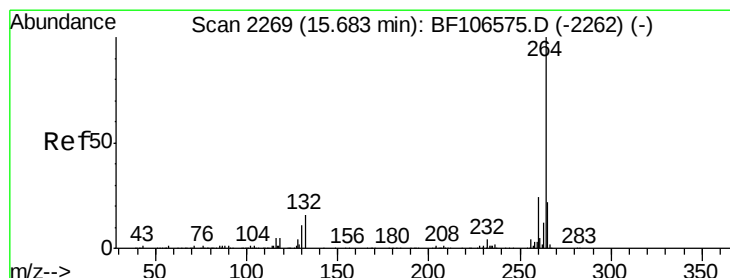
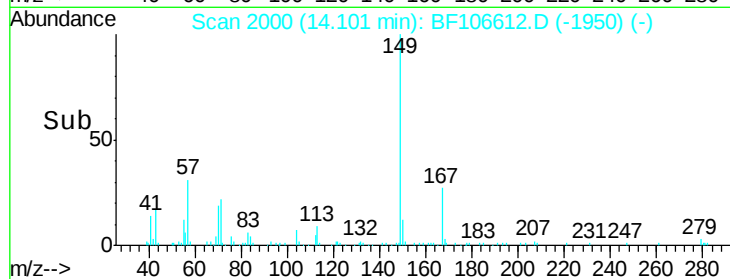
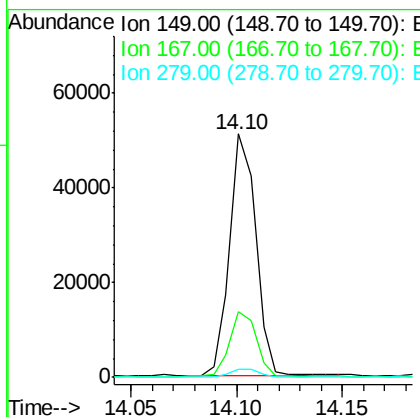
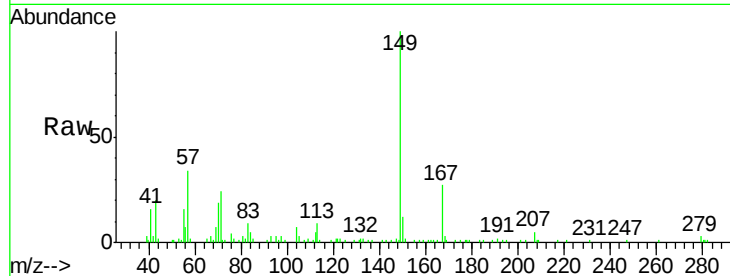




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.008 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106612.D
 Acq: 20 Jun 2018 5:26

Instrument :
 BNA_F
 ClientSampleId :
 A-2(1.0)

Tgt Ion:149 Resp: 43815
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 3.5 3.0 4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF106612.D
 Acq: 20 Jun 2018 5:26

Tgt Ion:264 Resp: 176532
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.1 17.5 26.3

