

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
 Data File : BF106661.D
 Acq On : 21 Jun 2018 14:59
 Operator : JU/SJ
 Sample : J3584-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Quant Time: Jun 21 15:26:01 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

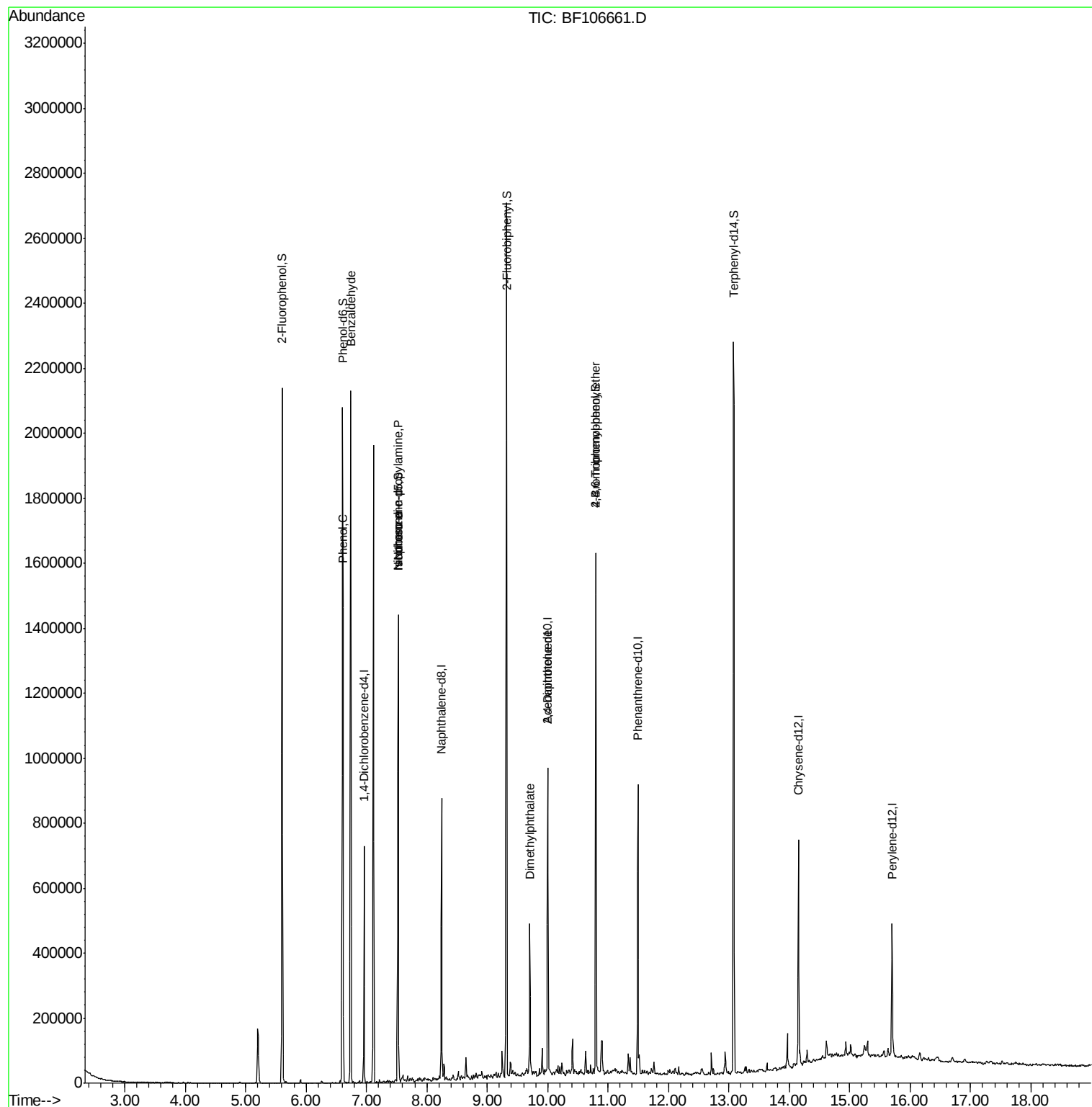
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	95455	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	361031	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	177161	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	307288	20.00	ng	0.00
75) Chrysene-d12	14.15	240	255680	20.00	ng	0.00
86) Perylene-d12	15.70	264	195978	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	638288	113.23	ng	0.00
7) Phenol-d6	6.61	99	832917	118.32	ng	0.00
23) Nitrobenzene-d5	7.52	82	548853	84.48	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	249196	121.36	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	869773	82.70	ng	0.00
78) Terphenyl-d14	13.08	244	861806	81.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	14429	2.433	ng	Qvalue 87
10) Phenol	6.62	94	21670	2.697	ng	97
19) n-Nitroso-di-n-propylamine	7.52	70	74251	16.001	ng	# 73
25) Isophorone	7.52	82	548853	47.944	ng	# 64
49) Dimethylphthalate	9.71	163	140863	10.601	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	23231	6.326	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	15501	4.227	ng	# 1

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

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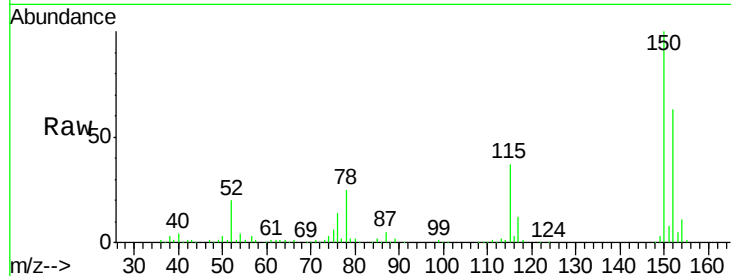


#1

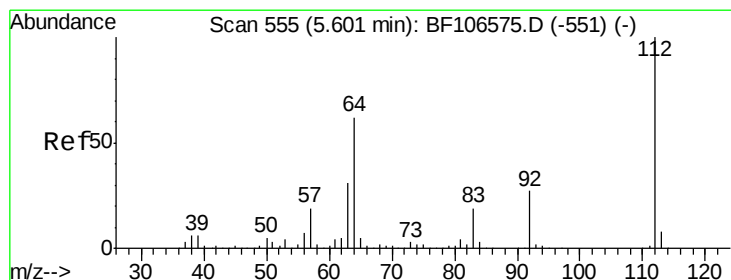
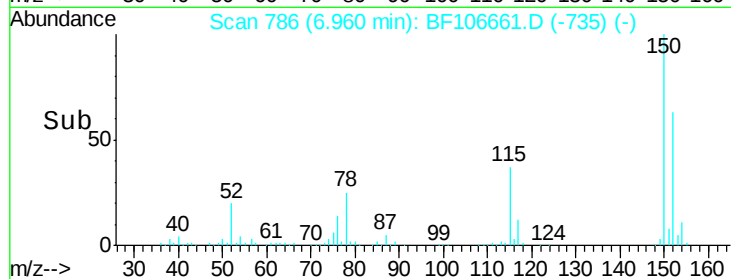
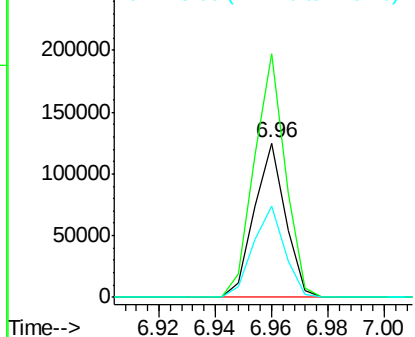
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106661.D
Acq: 21 Jun 2018 14:59

Instrument :
BNA_F
ClientSampled :
TP-1-S

Tgt Ion:152 Resp: 95455
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 59.1 50.1 75.1



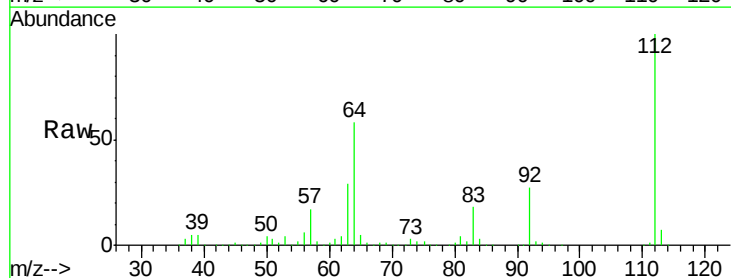
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



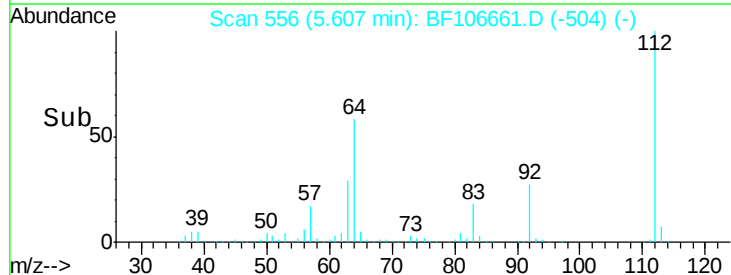
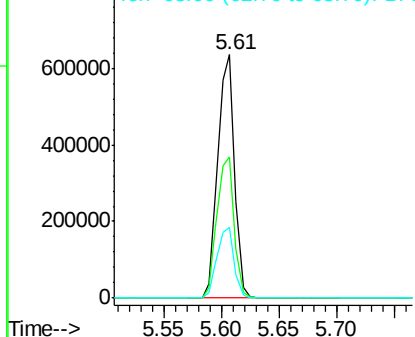
#5

2-Fluorophenol
Concen: 113.229 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106661.D
Acq: 21 Jun 2018 14:59

Tgt Ion:112 Resp: 638288
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 28.8 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: 118.317 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106661.D

Acq: 21 Jun 2018 14:59

Instrument :

BNA_F

ClientSampled :

TP-1-S

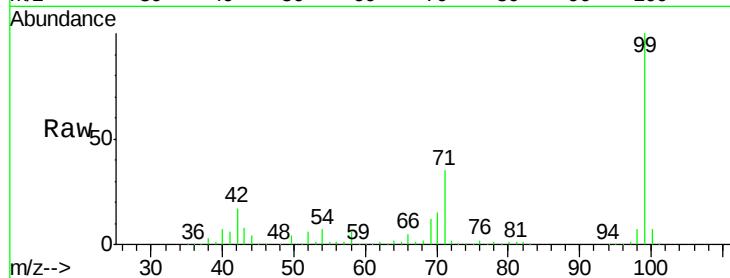
Tgt Ion: 99 Resp: 832917

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

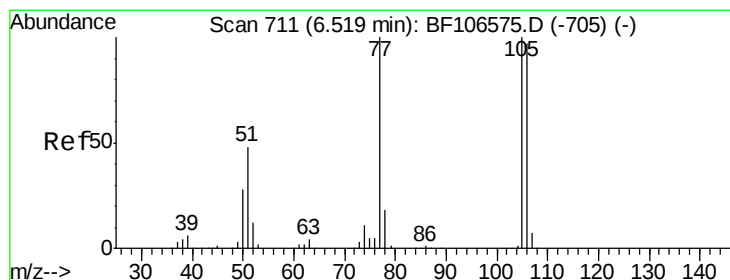
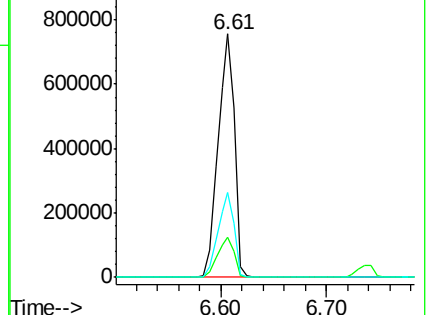
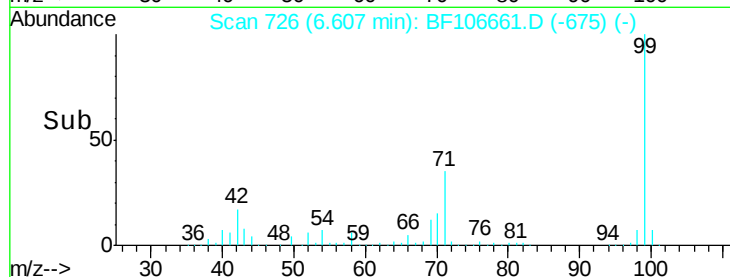
71 34.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.433 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106661.D

Acq: 21 Jun 2018 14:59

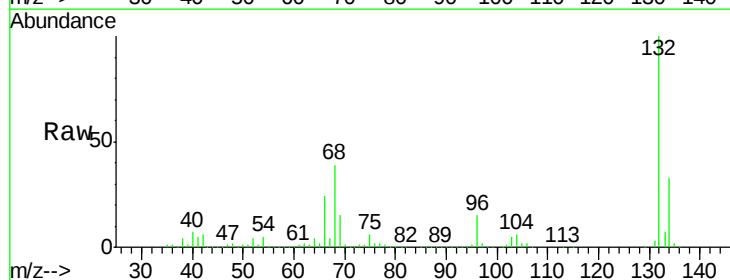
Tgt Ion: 77 Resp: 14429

Ion Ratio Lower Upper

77 100

105 85.8 81.1 121.1

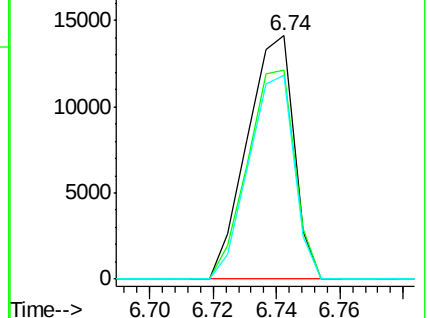
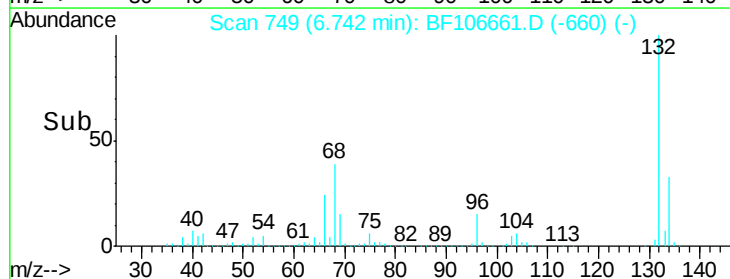
106 83.7 74.5 114.5

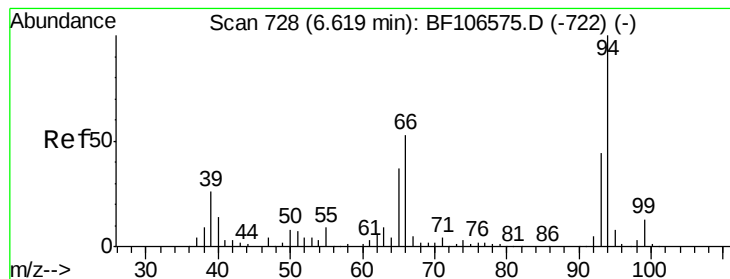


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.697 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106661.D

Acq: 21 Jun 2018 14:59

Instrument :

BNA_F

ClientSampleId :

TP-1-S

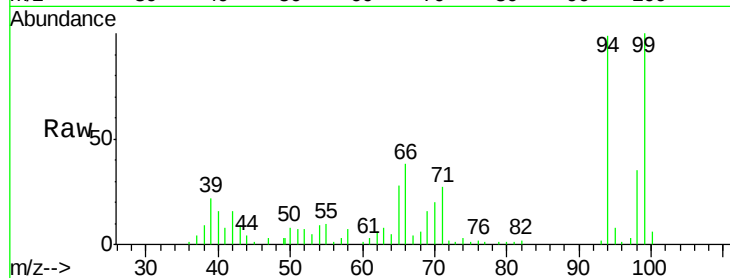
Tgt Ion: 94 Resp: 21670

Ion Ratio Lower Upper

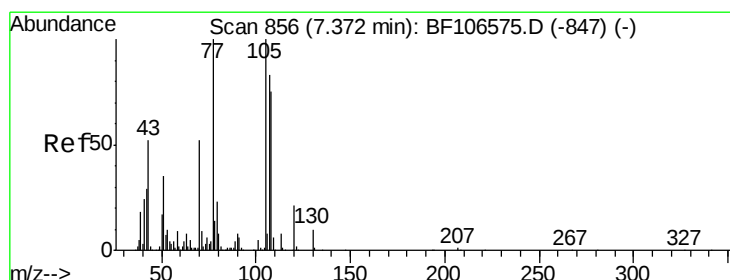
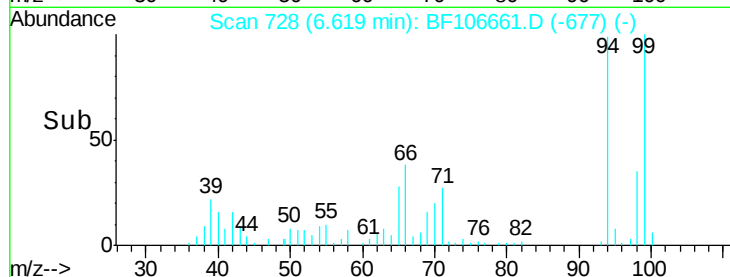
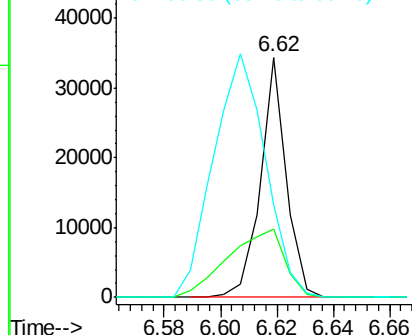
94 100

65 28.2 7.9 47.9

66 38.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.001 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106661.D

Acq: 21 Jun 2018 14:59

Tgt Ion: 70 Resp: 74251

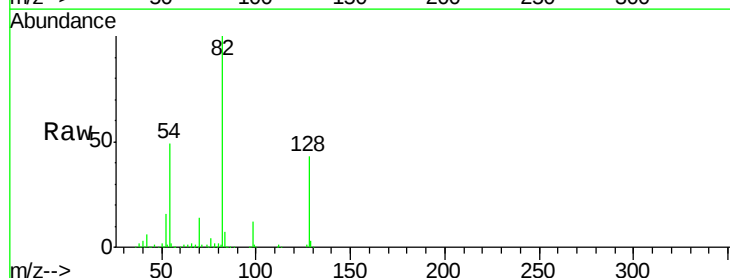
Ion Ratio Lower Upper

70 100

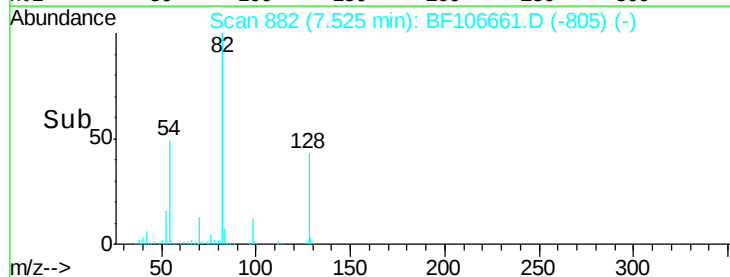
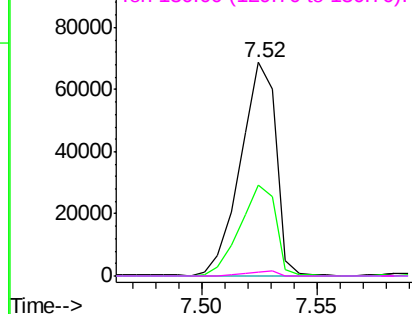
42 42.3 47.5 71.3#

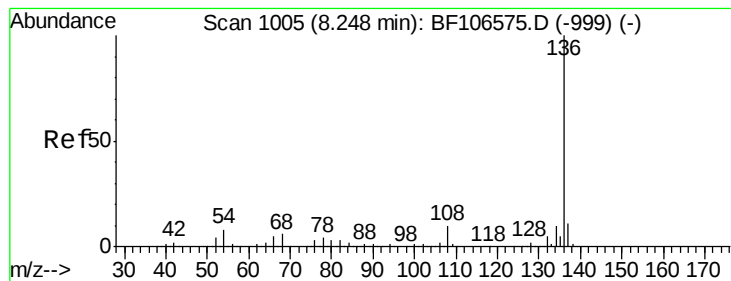
101 0.0 7.4 11.2#

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: BF106661.D

Acq: 21 Jun 2018 14:59

Instrument :

BNA_F

ClientSampleId :

TP-1-S

Tgt Ion: 136 Resp: 361031

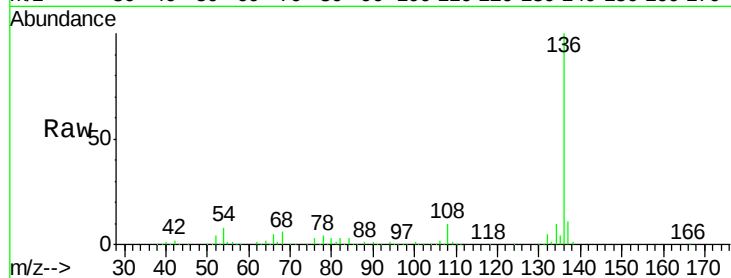
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.4 6.6 9.8

68 6.4 5.0 7.4

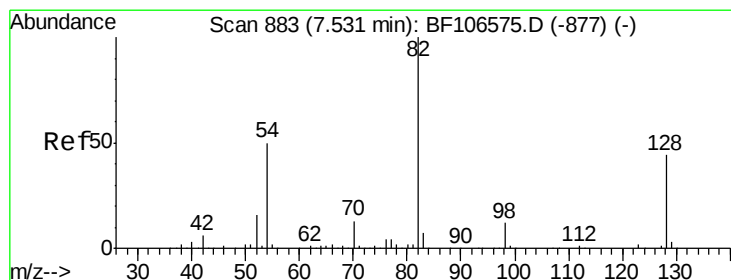
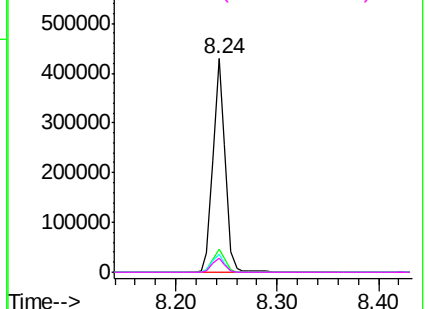
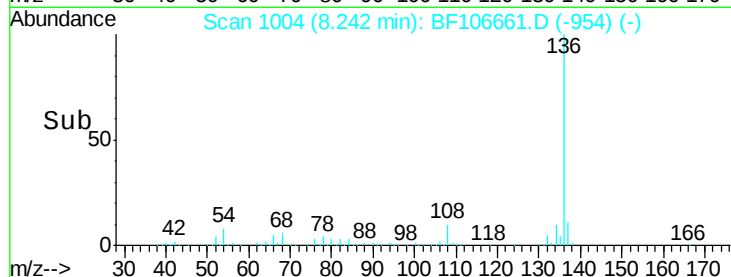


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.485 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106661.D

Acq: 21 Jun 2018 14:59

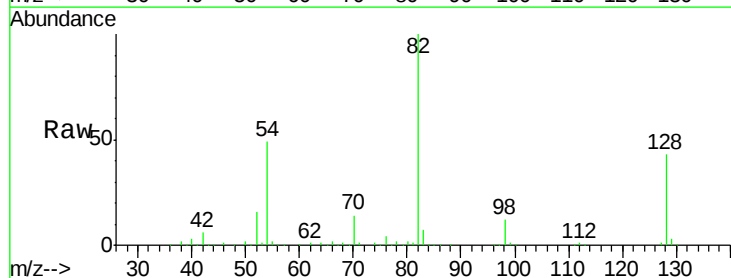
Tgt Ion: 82 Resp: 548853

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

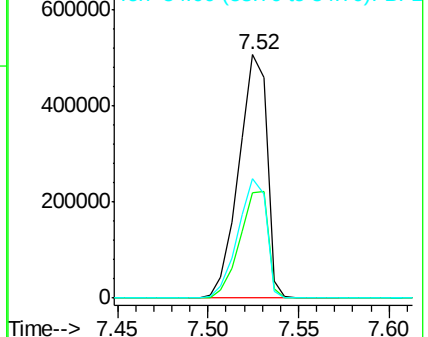
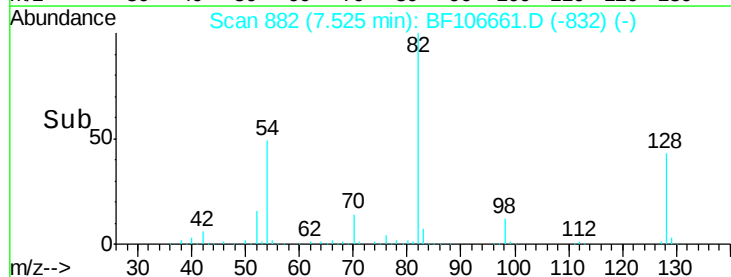
54 49.0 41.4 62.2

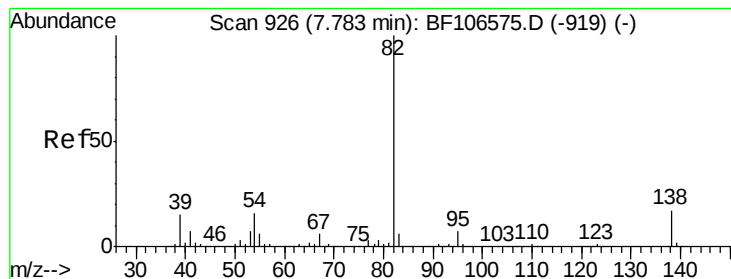


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.944 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106661.D

Acq: 21 Jun 2018 14:59

Instrument :

BNA_F

ClientSampleId :

TP-1-S

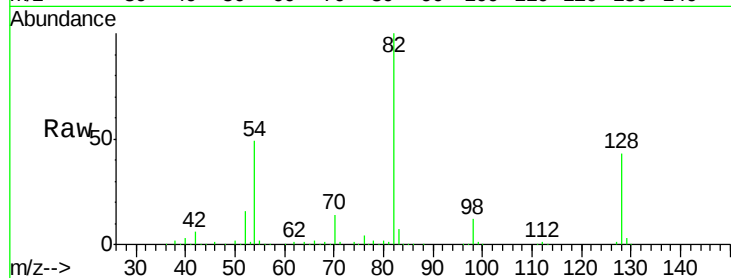
Tgt Ion: 82 Resp: 548853

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

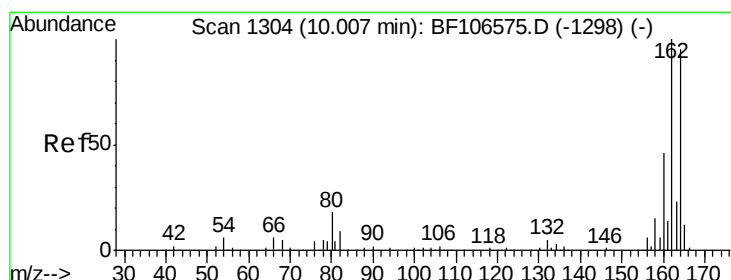
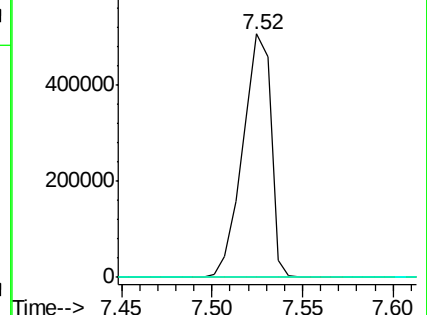
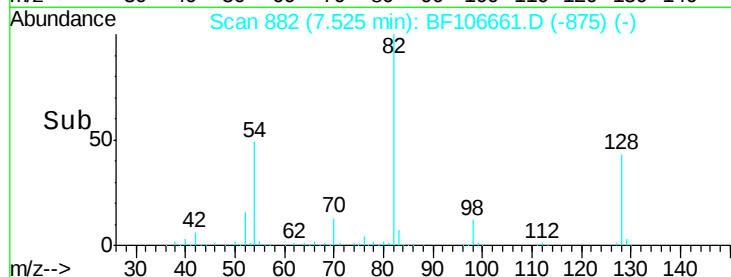
138 0.0 14.9 22.3#



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: BF106661.D

Acq: 21 Jun 2018 14:59

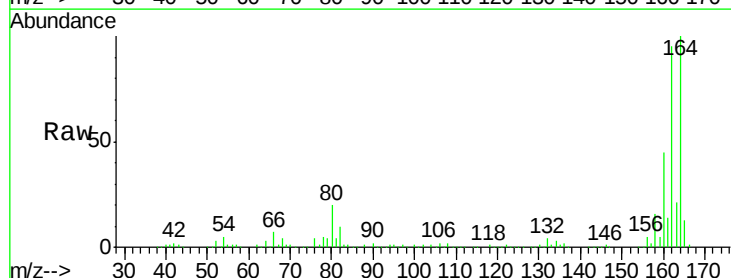
Tgt Ion: 164 Resp: 177161

Ion Ratio Lower Upper

164 100

162 95.4 86.1 129.1

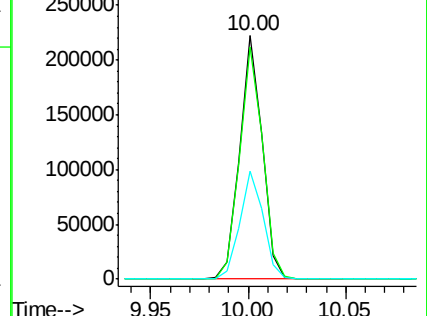
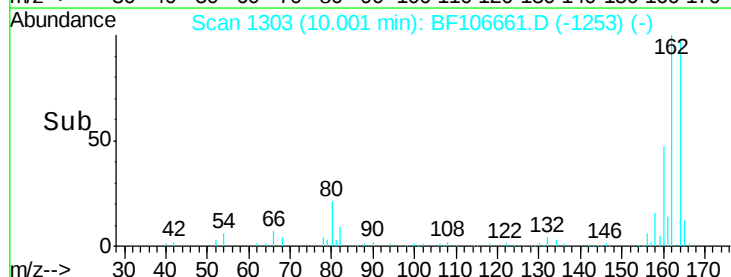
160 44.6 38.3 57.5



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

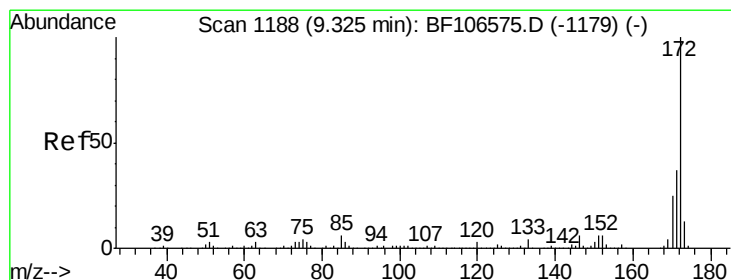
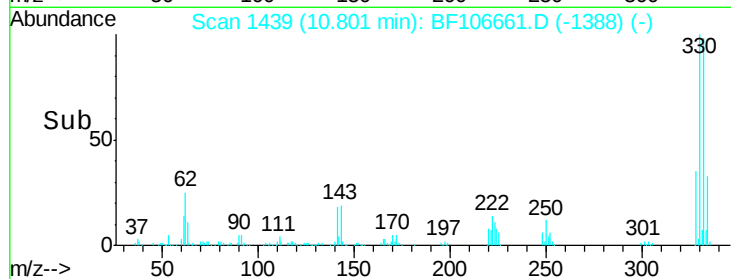
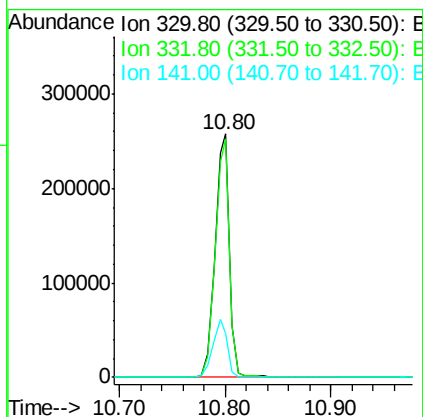
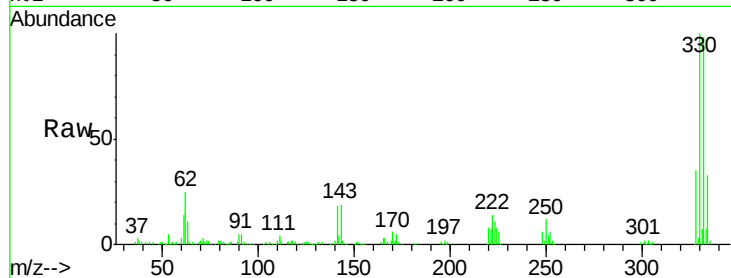




#41
 2,4,6-Tribromophenol
 Concen: 121.361 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106661.D
 Acq: 21 Jun 2018 14:59

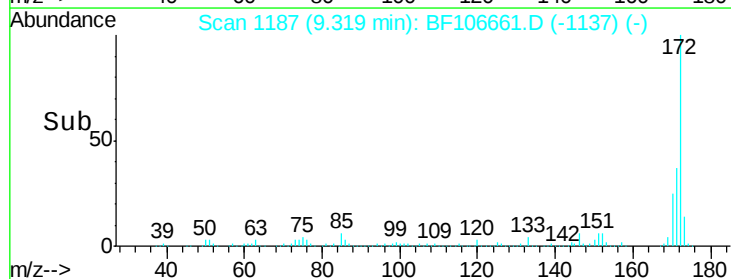
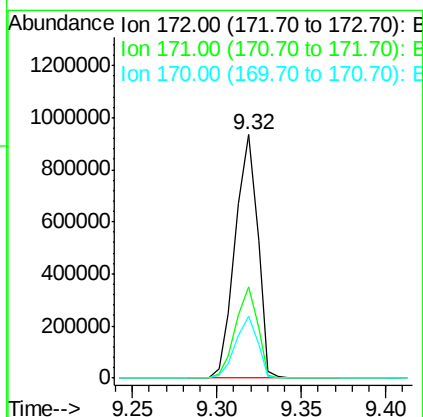
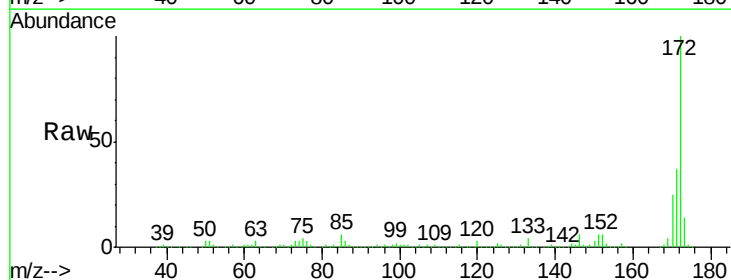
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

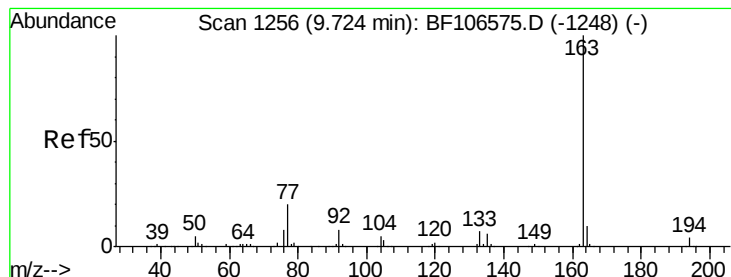
Tgt Ion: 330 Resp: 249196
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 24.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 82.700 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106661.D
 Acq: 21 Jun 2018 14:59

Tgt Ion: 172 Resp: 869773
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 25.2 19.6 29.4





#49

Dimethylphthalate

Concen: 10.601 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106661.D

Acq: 21 Jun 2018 14:59

Instrument :

BNA_F

ClientSampleId :

TP-1-S

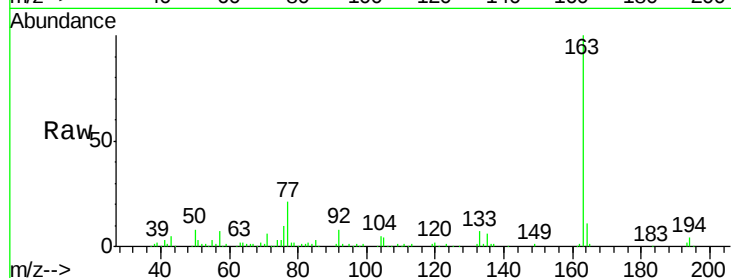
Tgt Ion:163 Resp: 140863

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

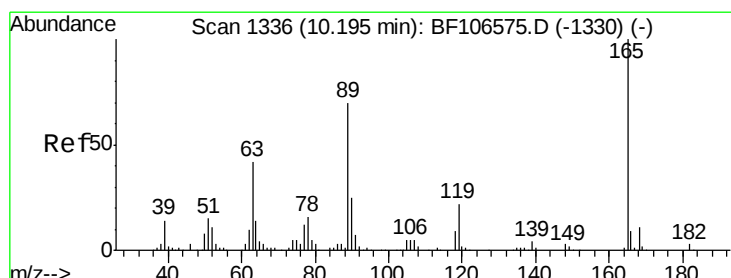
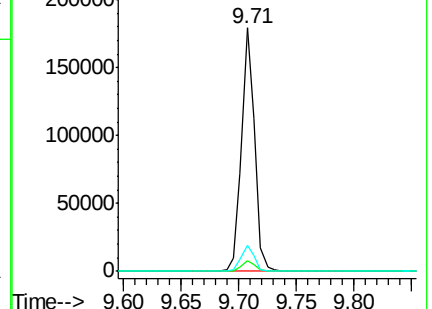
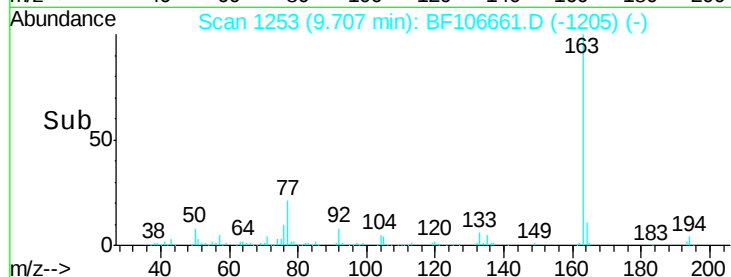
164 10.8 8.2 12.2



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: 6.326 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106661.D

Acq: 21 Jun 2018 14:59

Tgt Ion:165 Resp: 23231

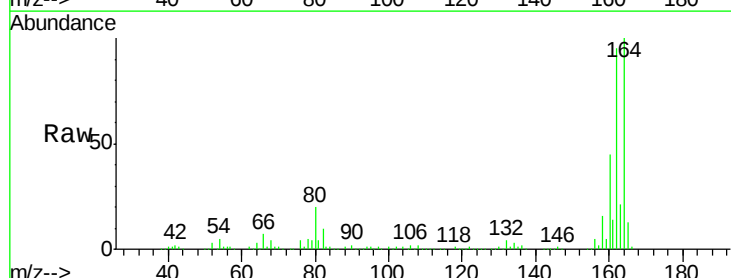
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

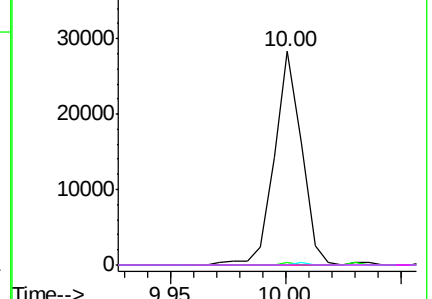
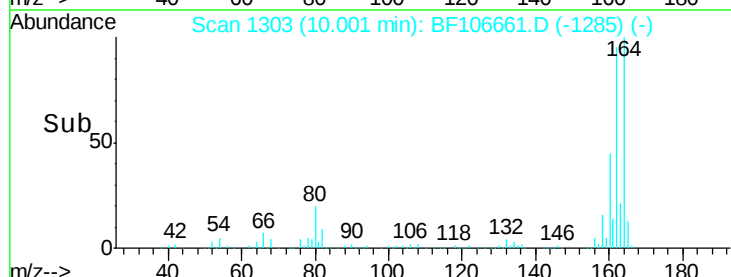


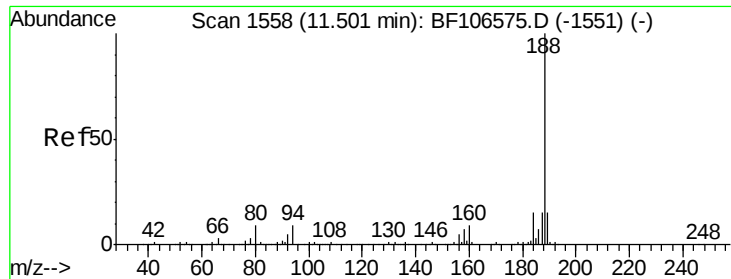
Abundance Ion 165.00 (164.70 to 165.70): E

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

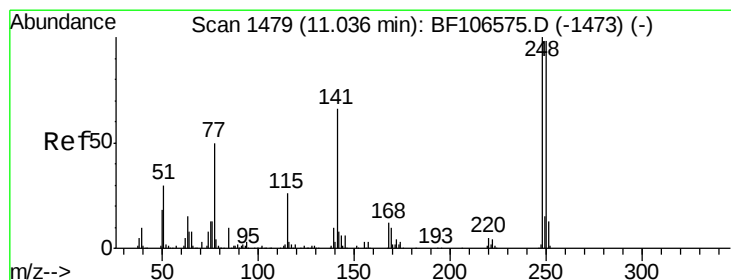
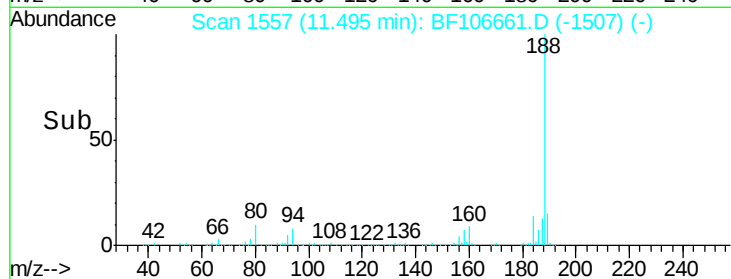
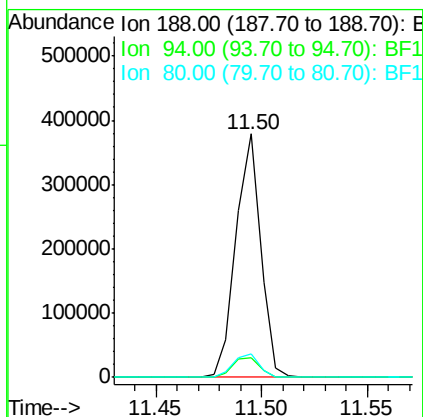
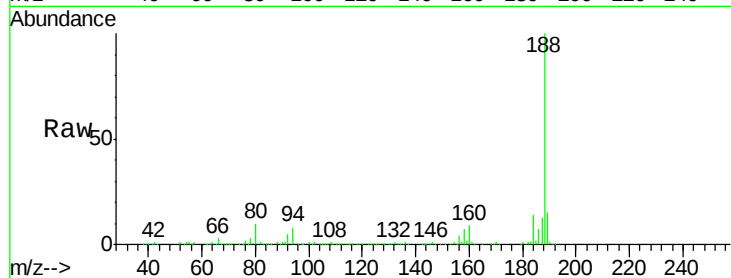




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106661.D
Acq: 21 Jun 2018 14:59

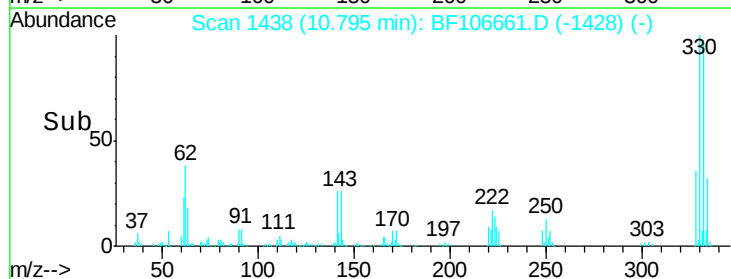
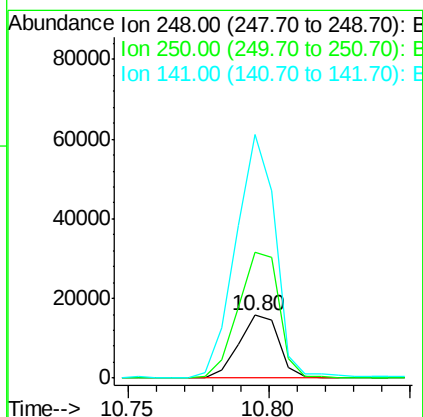
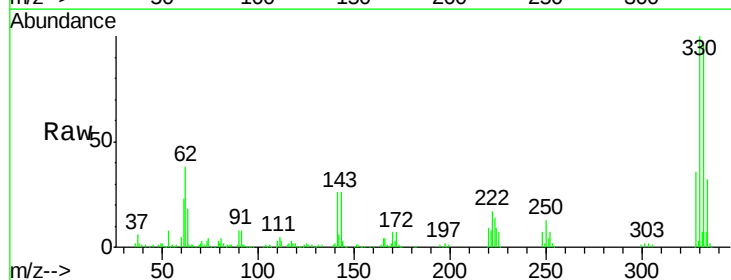
Instrument :
BNA_F
ClientSampleId :
TP-1-S

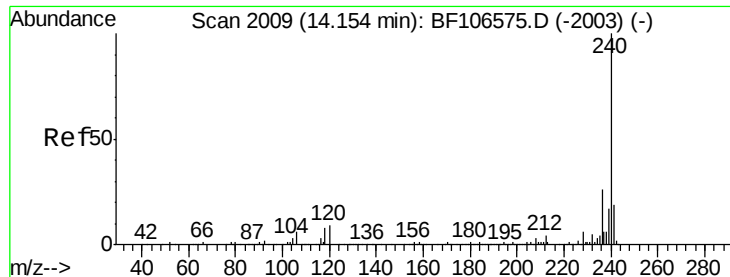
Tgt Ion:188 Resp: 307288
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.227 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106661.D
Acq: 21 Jun 2018 14:59

Tgt Ion:248 Resp: 15501
Ion Ratio Lower Upper
248 100
250 200.3 76.9 115.3#
141 389.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106661.D

Acq: 21 Jun 2018 14:59

Instrument :

BNA_F

ClientSampleId :

TP-1-S

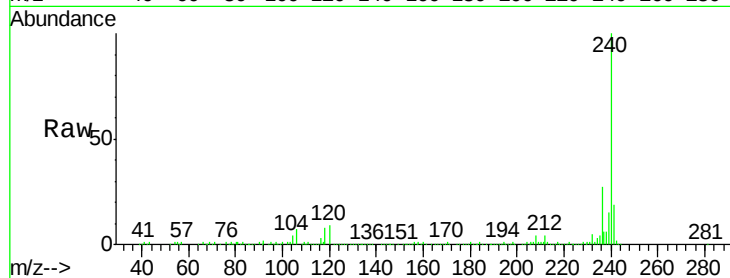
Tgt Ion:240 Resp: 255680

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

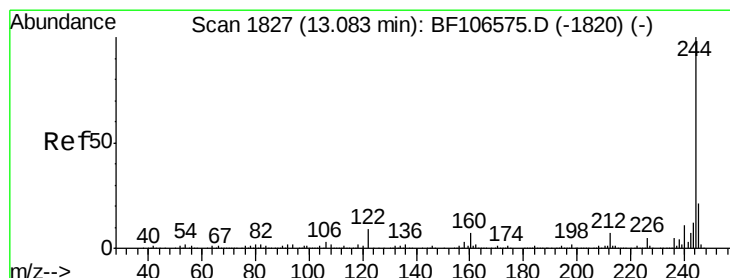
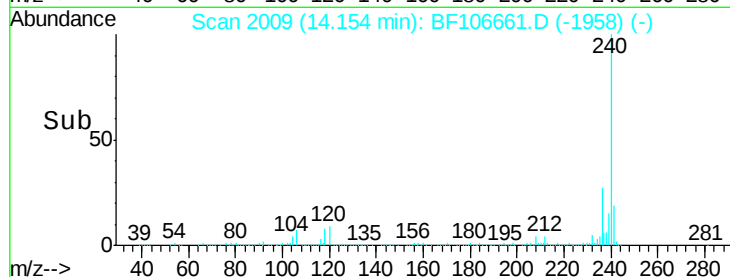
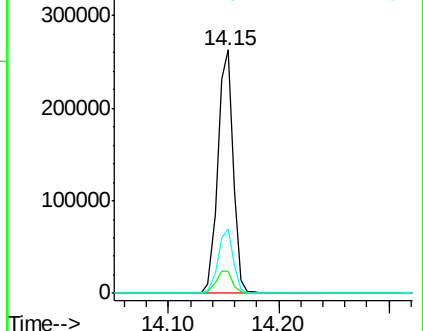
236 26.7 20.7 31.1



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: 81.647 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106661.D

Acq: 21 Jun 2018 14:59

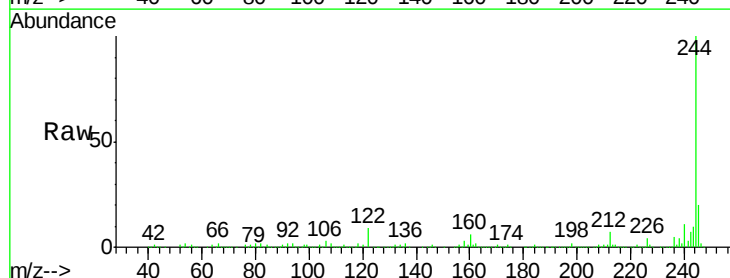
Tgt Ion:244 Resp: 861806

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

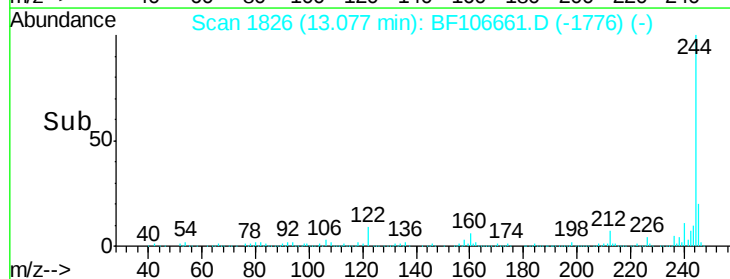
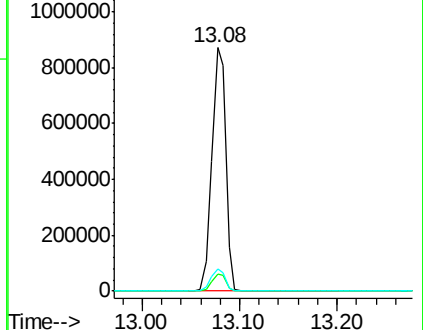
122 9.4 11.0 16.4#

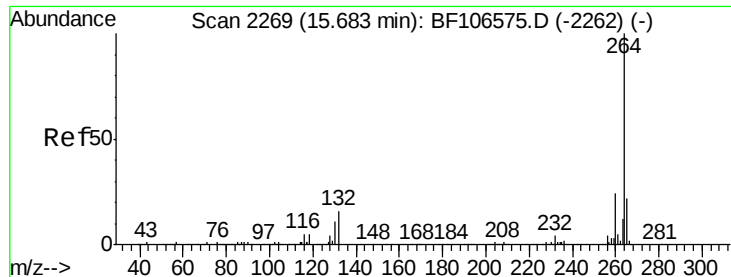


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.70 min Scan# 2272
 Delta R.T. 0.02 min
 Lab File: BF106661.D
 Acq: 21 Jun 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tgt Ion:	264	Resp:	195978
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	17.5	26.3

