

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
 Data File : BF106659.D
 Acq On : 21 Jun 2018 14:05
 Operator : JU/SJ
 Sample : J3584-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jun 21 14:35:05 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

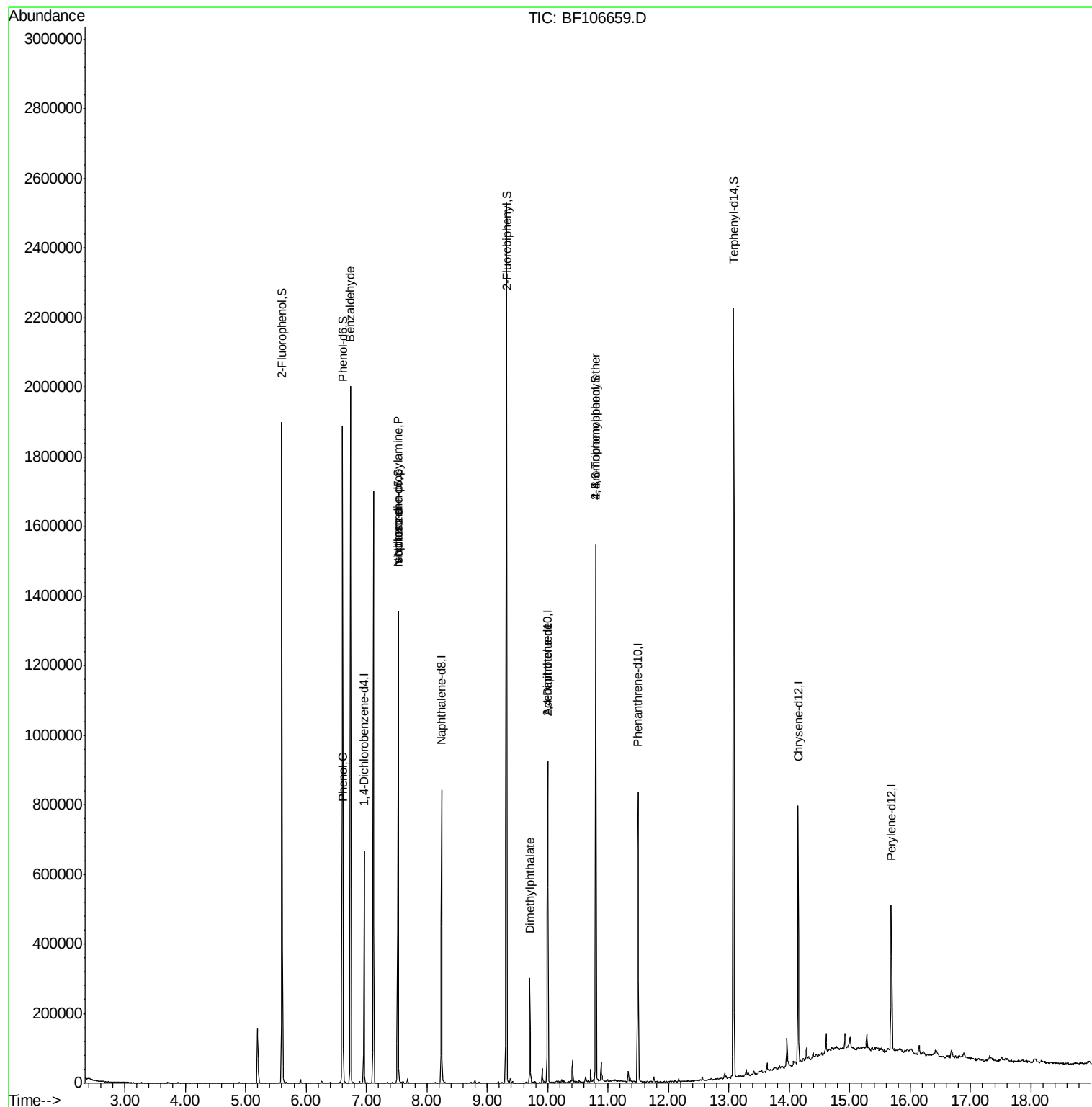
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	88681	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	348614	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	173114	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	308979	20.00	ng	0.00
75) Chrysene-d12	14.15	240	256081	20.00	ng	0.00
86) Perylene-d12	15.69	264	203292	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	535998	102.35	ng	0.00
7) Phenol-d6	6.61	99	695085	106.28	ng	0.00
23) Nitrobenzene-d5	7.52	82	456392	72.75	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	221850	110.57	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	781849	74.65	ng	0.00
78) Terphenyl-d14	13.08	244	819818	77.55	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	12375	2.251	ng	Qvalue 87
10) Phenol	6.62	94	16409	2.198	ng	97
19) n-Nitroso-di-n-propylamine	7.52	70	59937	13.903	ng	# 72
25) Isophorone	7.52	82	456388	41.287	ng	# 64
49) Dimethylphthalate	9.71	163	111069	8.554	ng	97
56) 2,4-Dinitrotoluene	10.00	165	22408	6.244	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	13388	3.631	ng	# 1

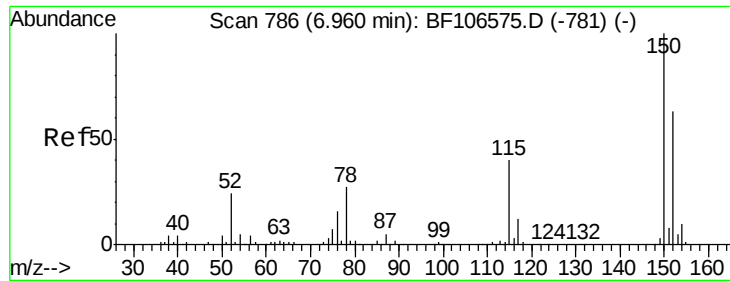
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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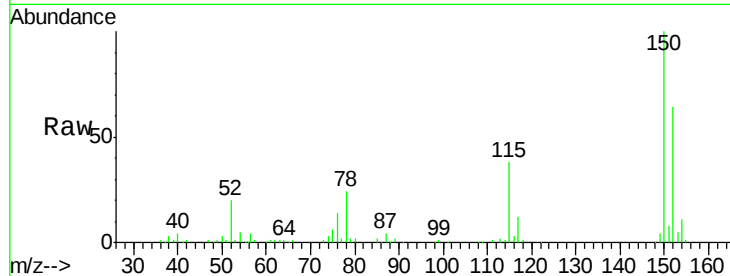


#1

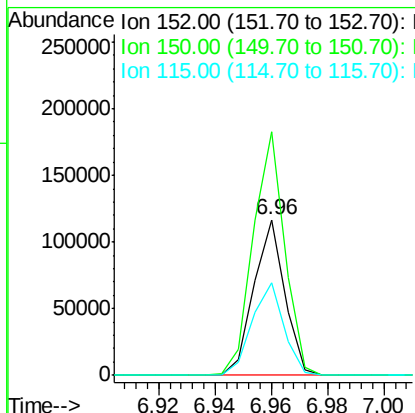
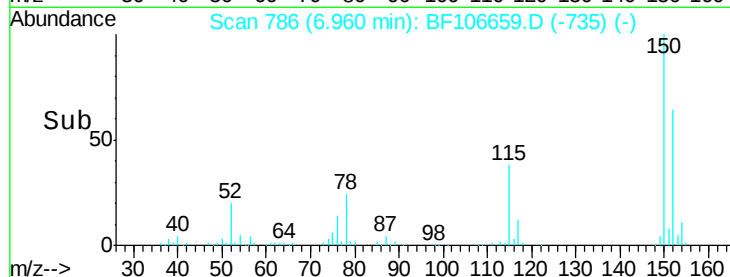
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106659.D
Acq: 21 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 88681
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 59.4 50.1 75.1



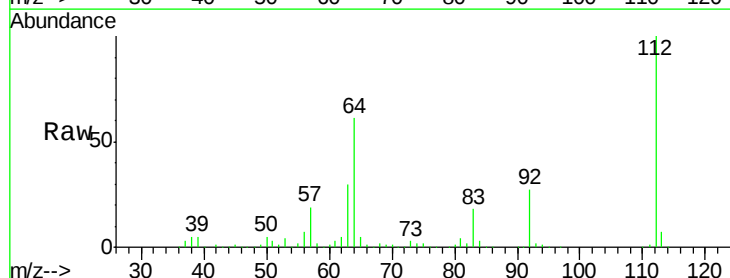
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



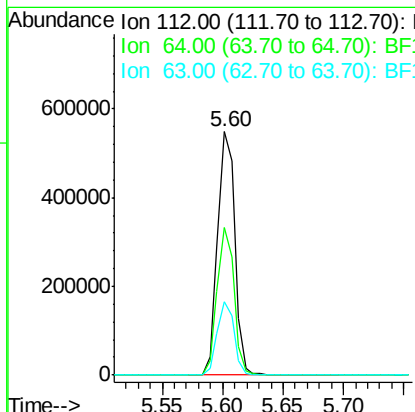
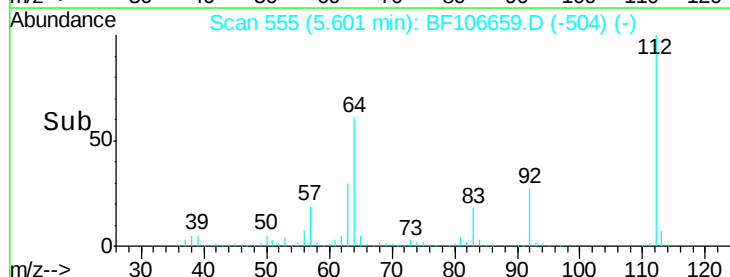
#5

2-Fluorophenol
Concen: 102.346 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106659.D
Acq: 21 Jun 2018 14:05

Tgt Ion:112 Resp: 535998
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 30.1 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: 106.280 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106659.D

Acq: 21 Jun 2018 14:05

Instrument :

BNA_F

ClientSampleId :

TP-3

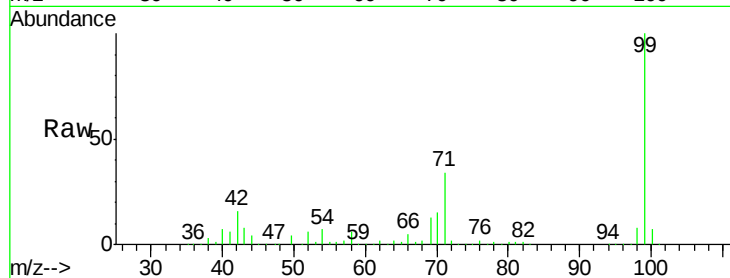
Tgt Ion: 99 Resp: 695085

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

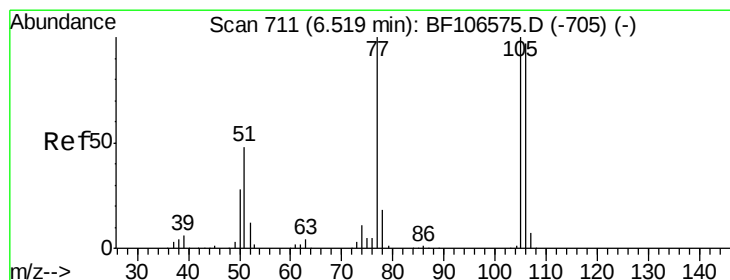
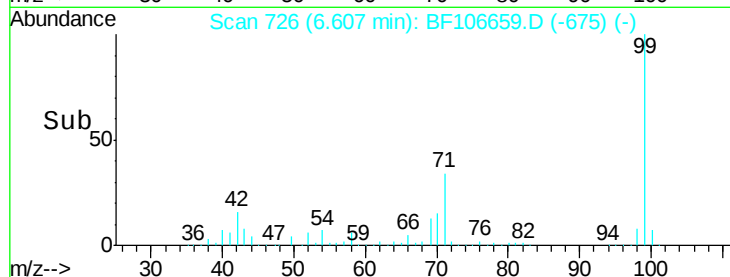
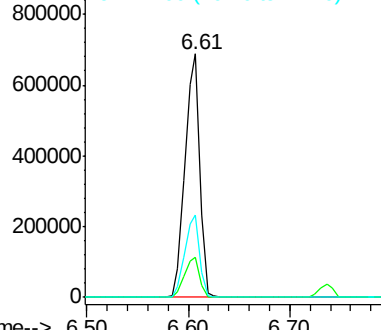
71 34.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.251 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106659.D

Acq: 21 Jun 2018 14:05

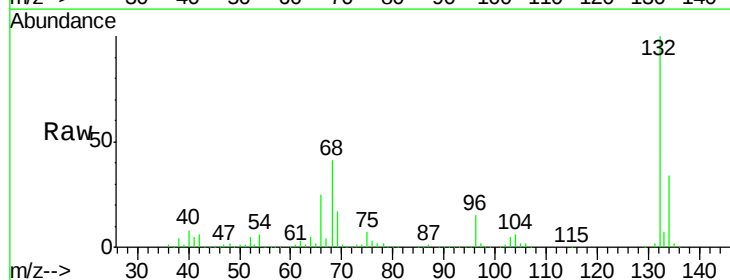
Tgt Ion: 77 Resp: 12375

Ion Ratio Lower Upper

77 100

105 89.4 81.1 121.1

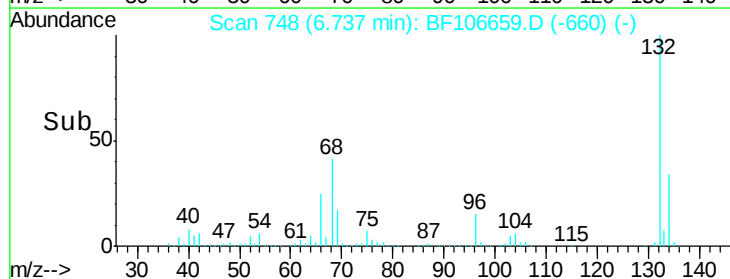
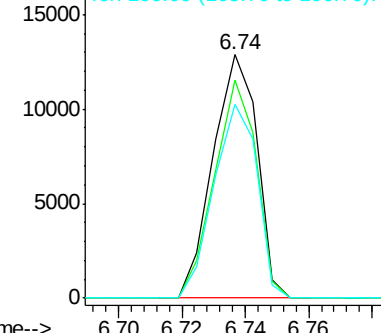
106 79.8 74.5 114.5

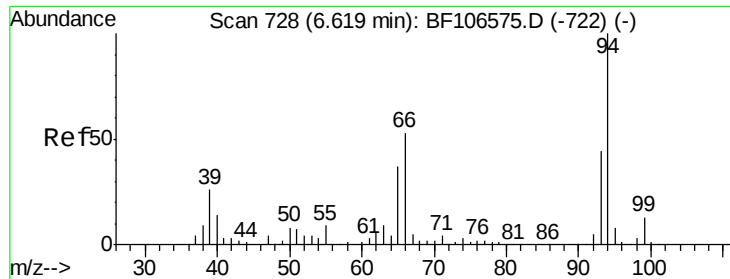


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.198 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106659.D

Acq: 21 Jun 2018 14:05

Instrument :

BNA_F

ClientSampled :

TP-3

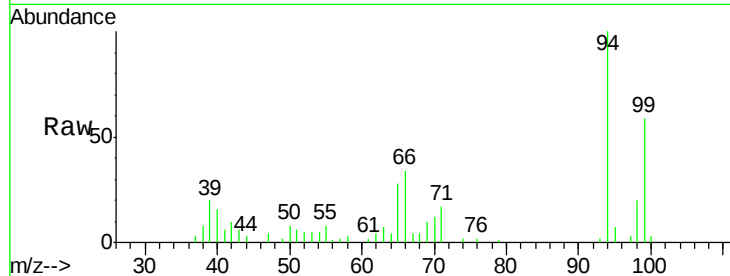
Tgt Ion: 94 Resp: 16409

Ion Ratio Lower Upper

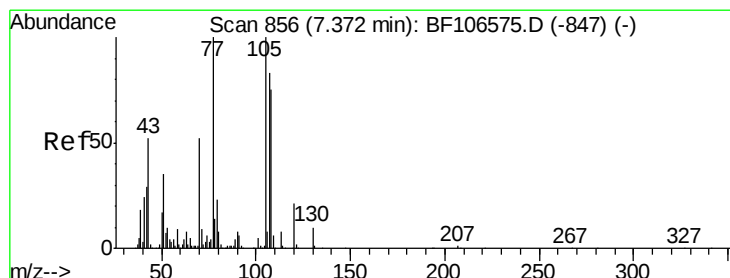
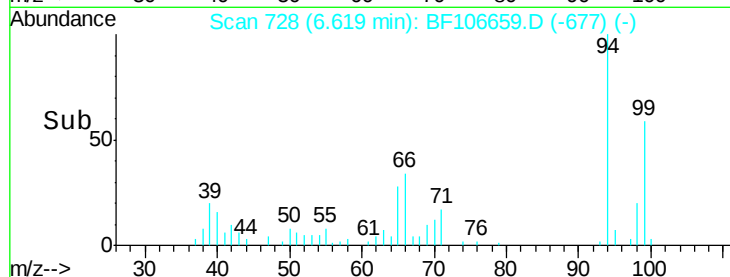
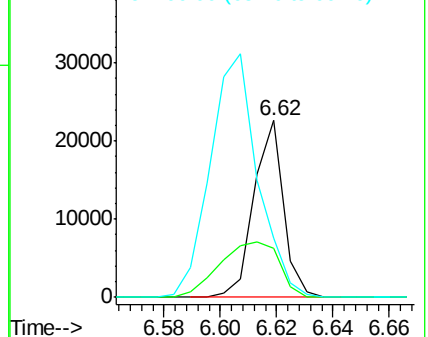
94 100

65 27.9 7.9 47.9

66 33.6 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: 13.903 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106659.D

Acq: 21 Jun 2018 14:05

Tgt Ion: 70 Resp: 59937

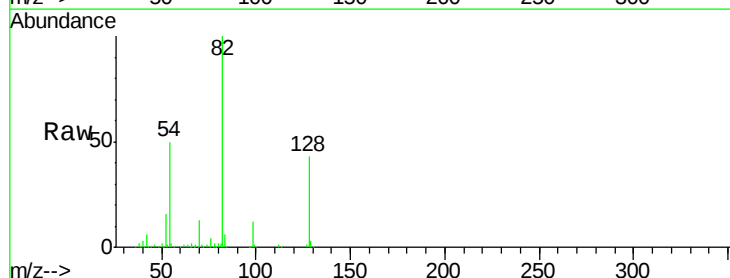
Ion Ratio Lower Upper

70 100

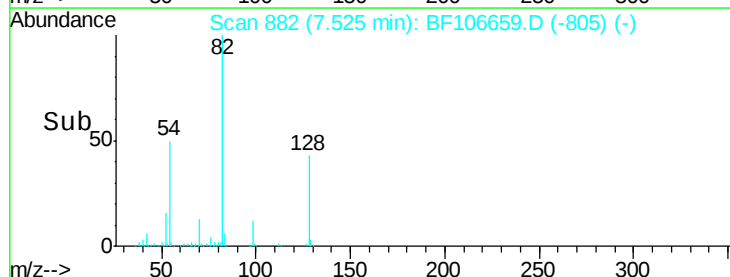
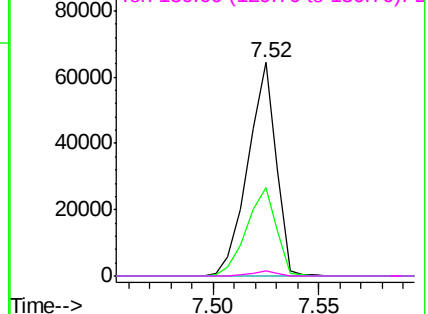
42 41.4 47.5 71.3#

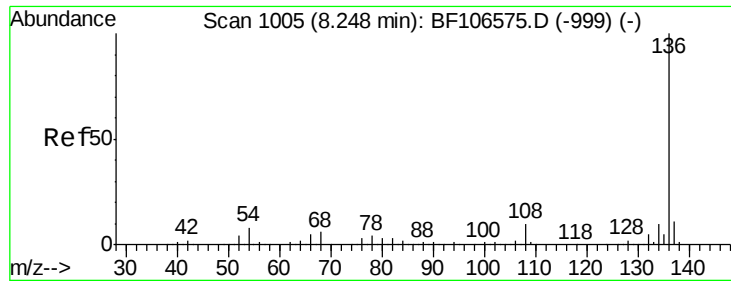
101 0.0 7.4 11.2#

130 2.1 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

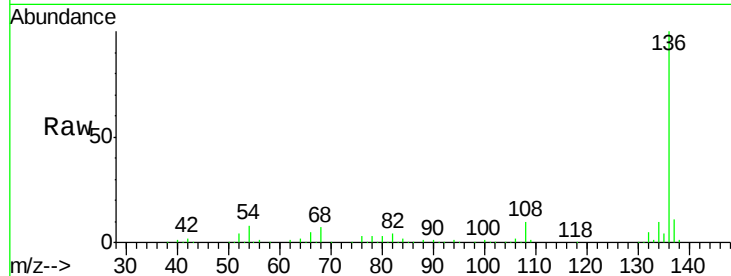




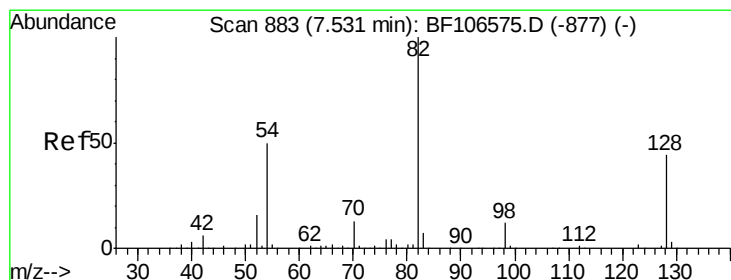
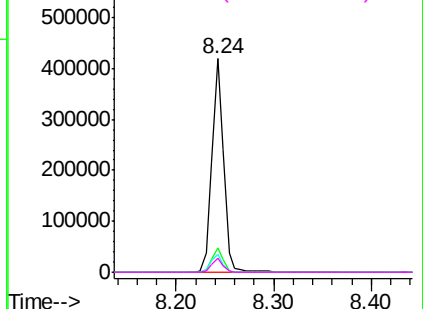
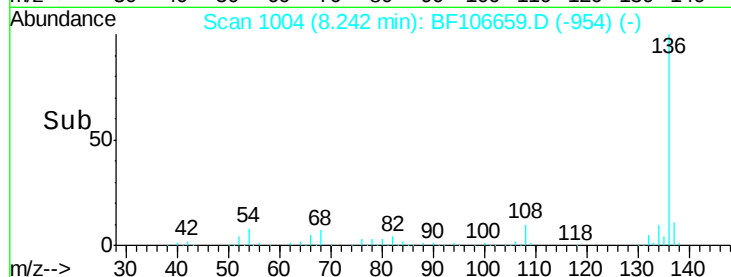
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106659.D
Acq: 21 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 136 Resp: 348614
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.5 6.6 9.8
68 6.6 5.0 7.4

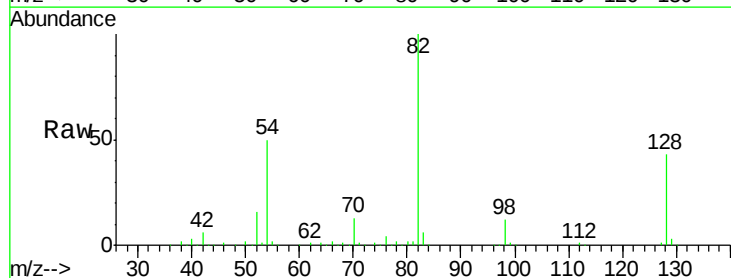


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

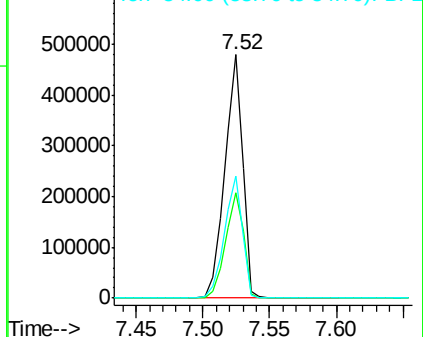
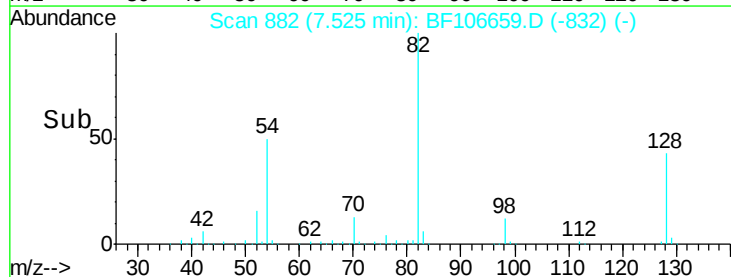


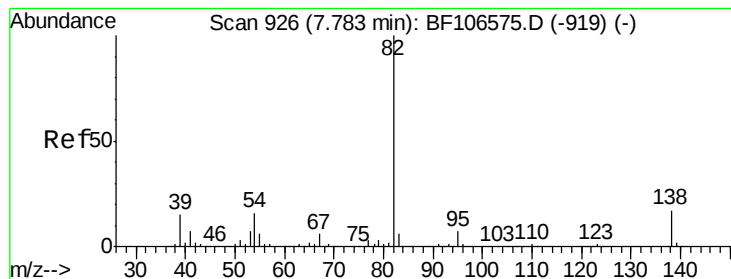
#23
Nitrobenzene-d5
Concen: 72.755 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106659.D
Acq: 21 Jun 2018 14:05

Tgt Ion: 82 Resp: 456392
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 49.9 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: 41.287 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106659.D

Acq: 21 Jun 2018 14:05

Instrument :

BNA_F

ClientSampleId :

TP-3

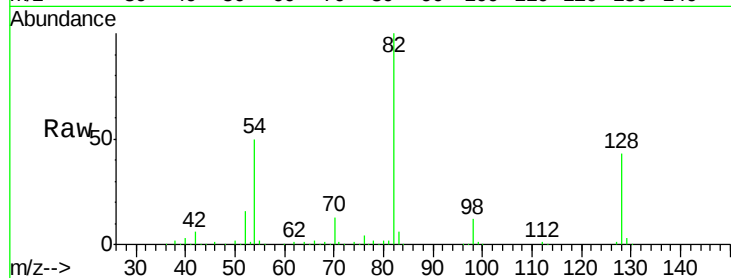
Tgt Ion: 82 Resp: 456388

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

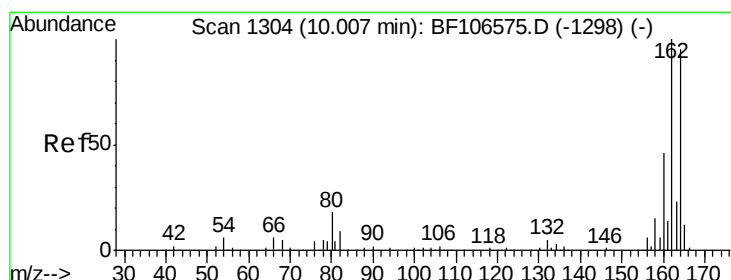
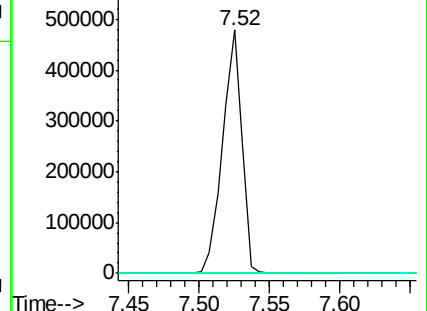
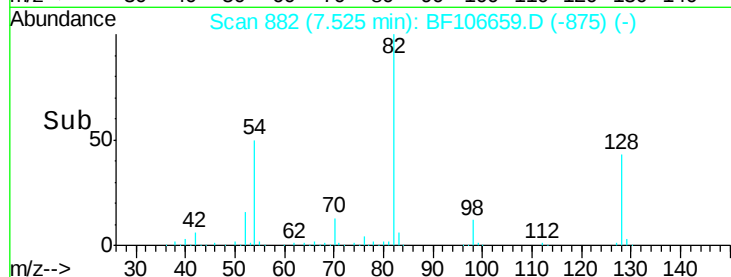
138 0.0 14.9 22.3#



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: BF106659.D

Acq: 21 Jun 2018 14:05

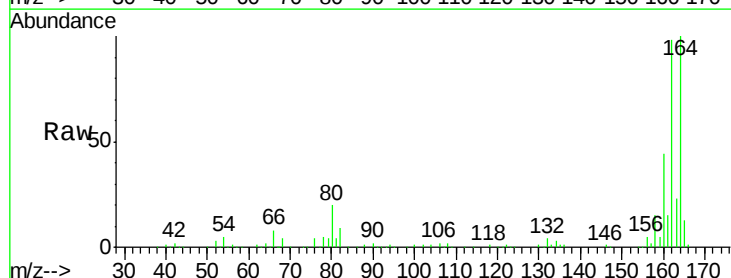
Tgt Ion: 164 Resp: 173114

Ion Ratio Lower Upper

164 100

162 97.8 86.1 129.1

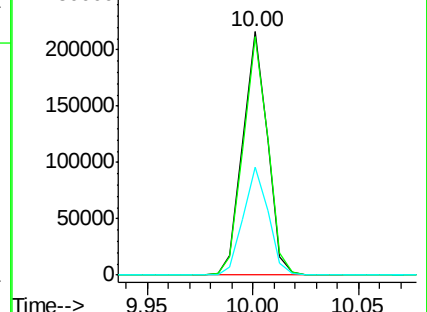
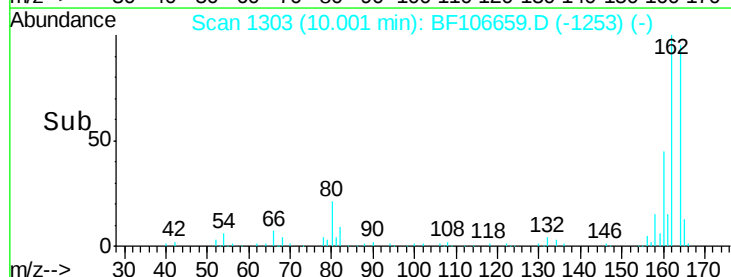
160 44.2 38.3 57.5



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

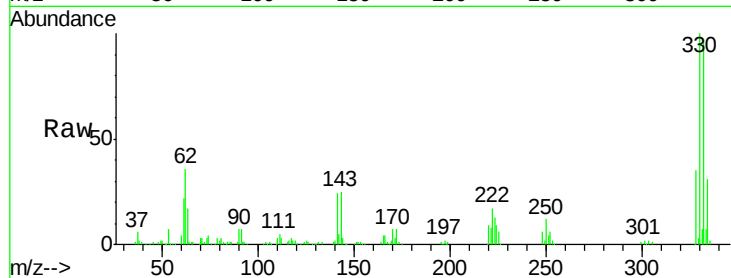




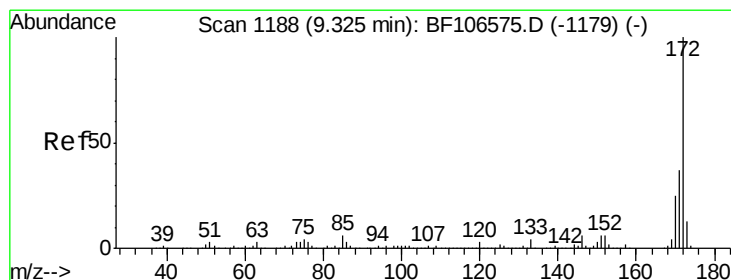
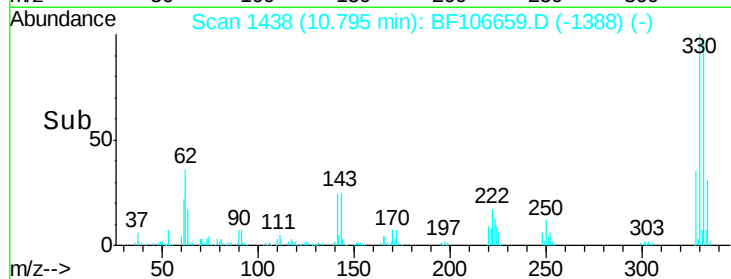
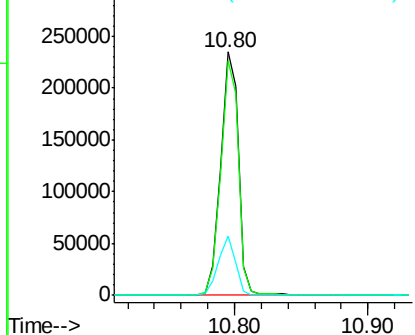
#41
 2,4,6-Tribromophenol
 Concen: 110.569 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106659.D
 Acq: 21 Jun 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:330 Resp: 221850
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 23.7 29.9 44.9#

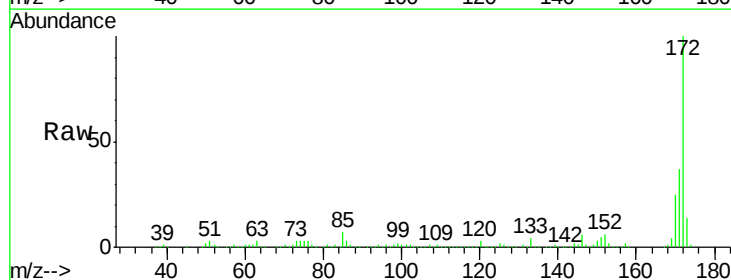


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

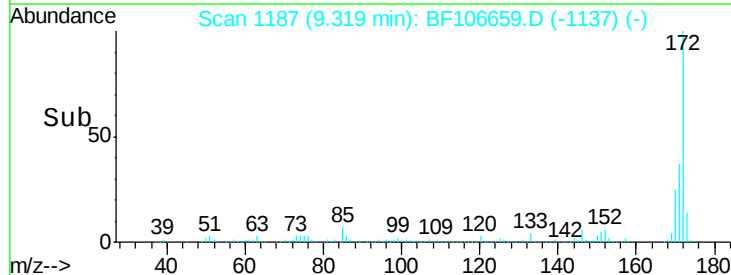
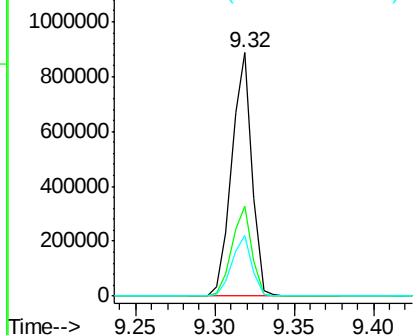


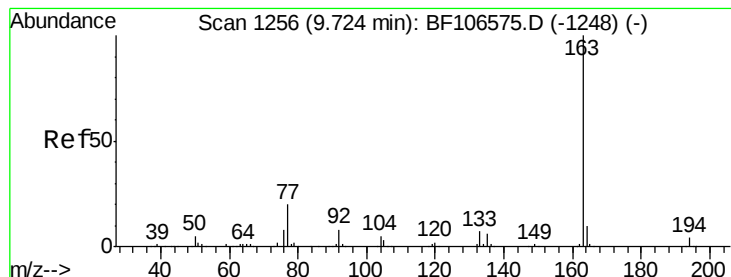
#44
 2-Fluorobiphenyl
 Concen: 74.649 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106659.D
 Acq: 21 Jun 2018 14:05

Tgt Ion:172 Resp: 781849
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.7 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: 8.554 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106659.D

Acq: 21 Jun 2018 14:05

Instrument :

BNA_F

ClientSampleId :

TP-3

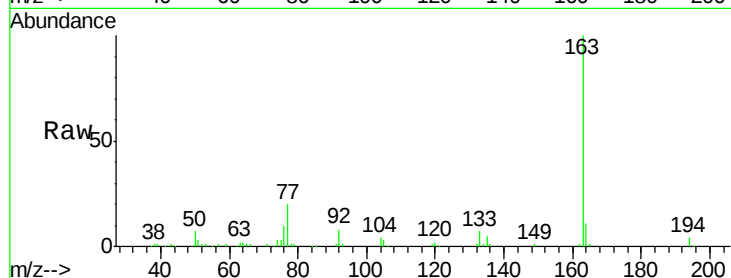
Tgt Ion:163 Resp: 111069

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

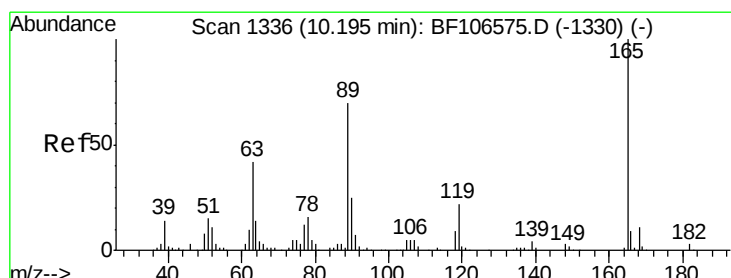
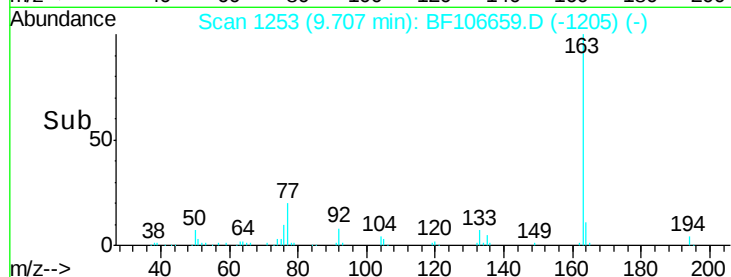
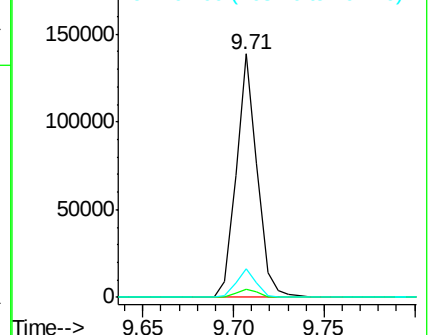
164 11.5 8.2 12.2



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: 6.244 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106659.D

Acq: 21 Jun 2018 14:05

Tgt Ion:165 Resp: 22408

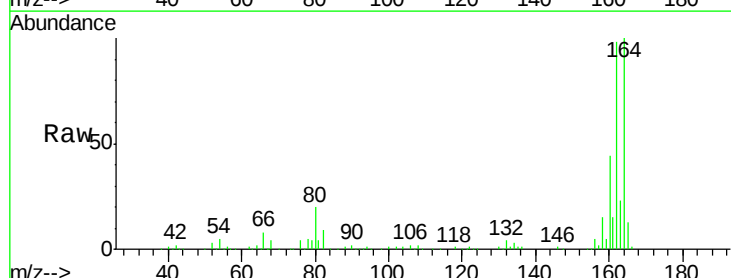
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

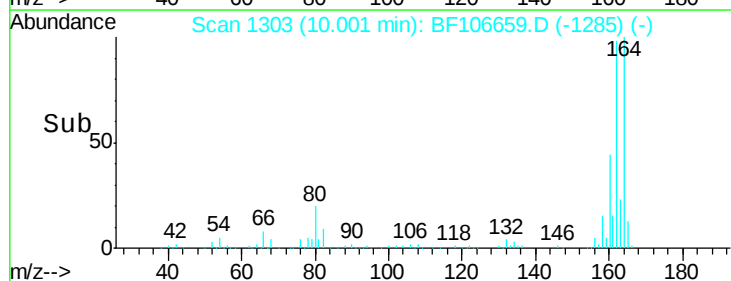
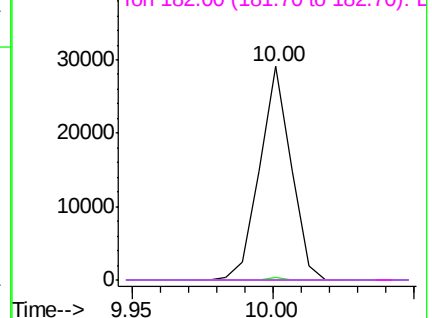


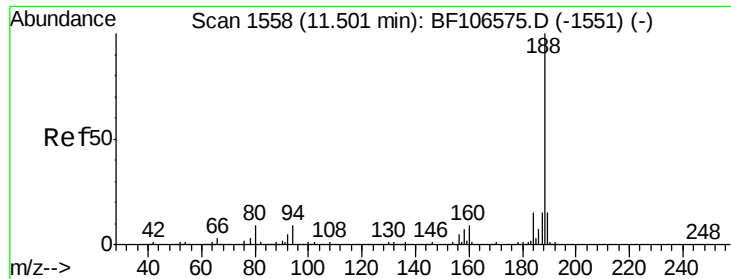
Abundance Ion 165.00 (164.70 to 165.70): E

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

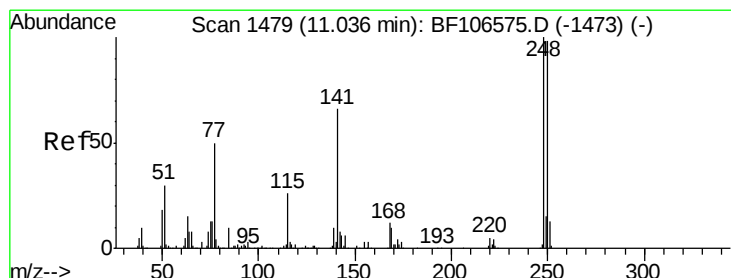
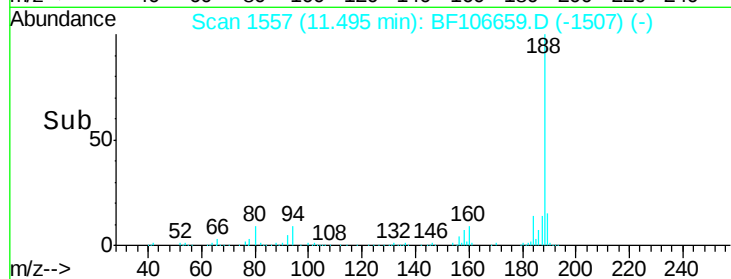
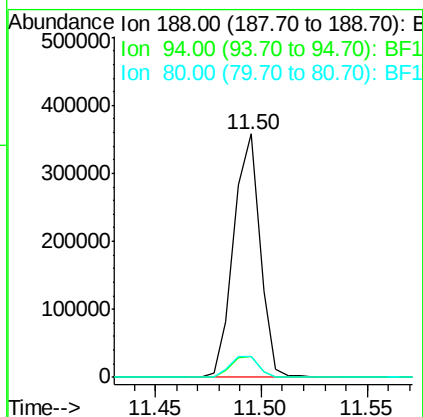
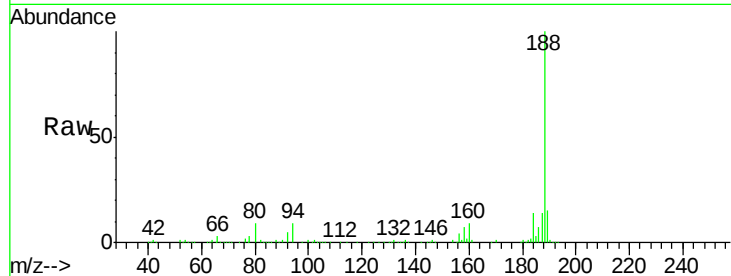




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106659.D
Acq: 21 Jun 2018 14:05

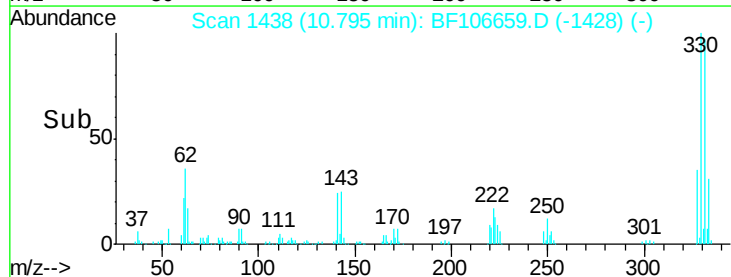
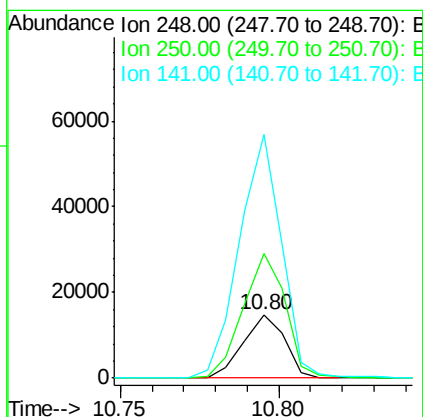
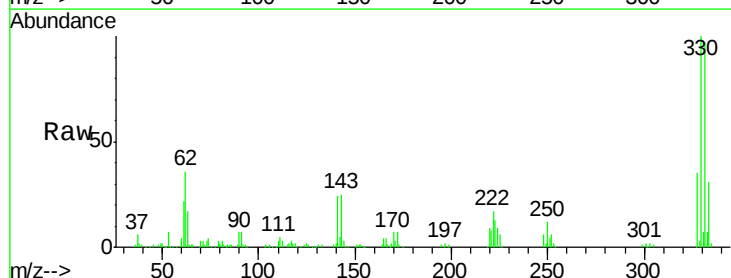
Instrument :
BNA_F
ClientSampleId :
TP-3

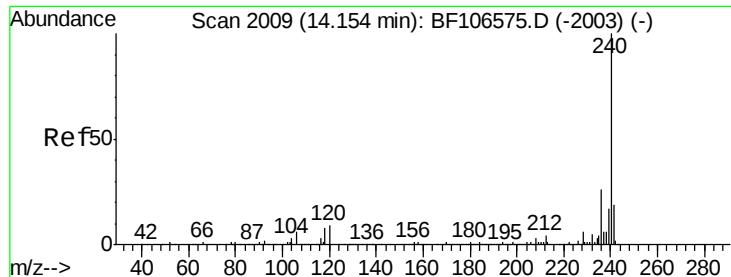
Tgt Ion:188 Resp: 308979
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 8.8 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 3.631 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106659.D
Acq: 21 Jun 2018 14:05

Tgt Ion:248 Resp: 13388
Ion Ratio Lower Upper
248 100
250 195.0 76.9 115.3#
141 382.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106659.D

Acq: 21 Jun 2018 14:05

Instrument :

BNA_F

ClientSampleId :

TP-3

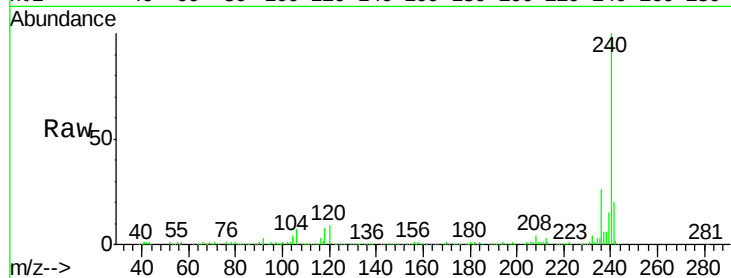
Tgt Ion:240 Resp: 256081

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

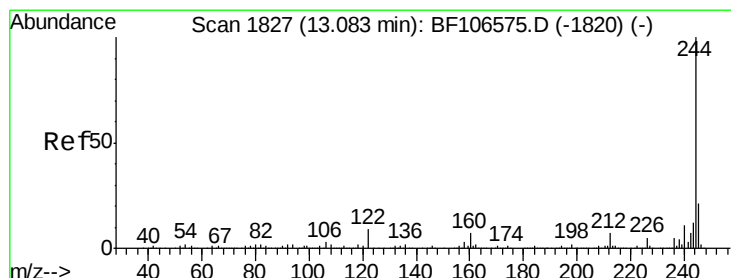
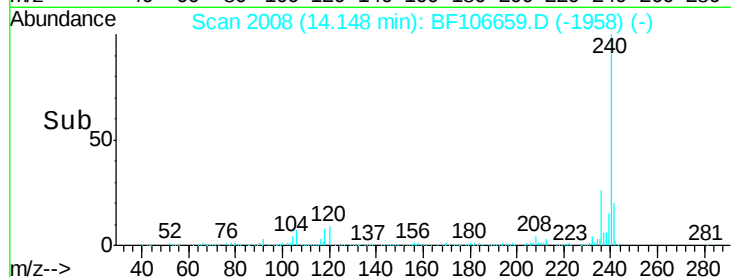
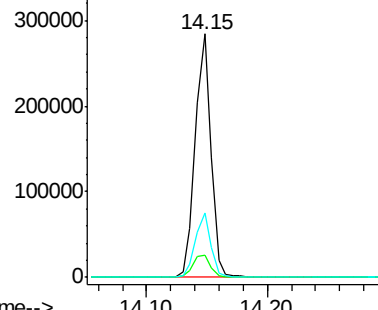
236 26.4 20.7 31.1



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: 77.547 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106659.D

Acq: 21 Jun 2018 14:05

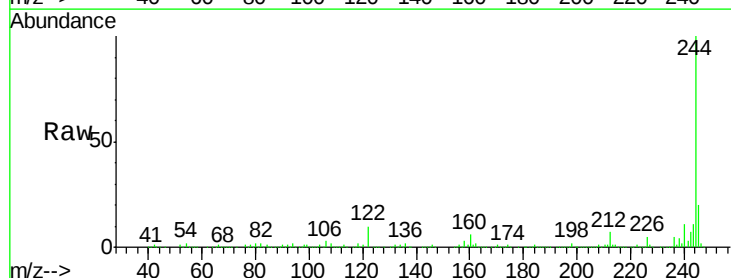
Tgt Ion:244 Resp: 819818

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

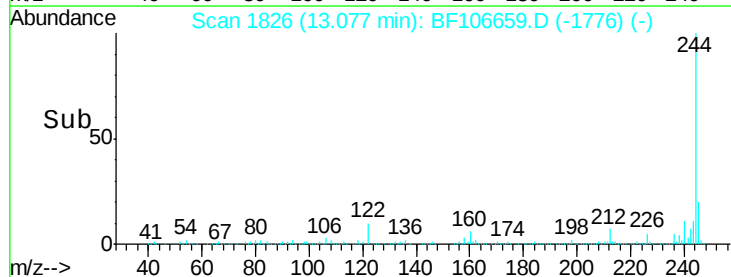
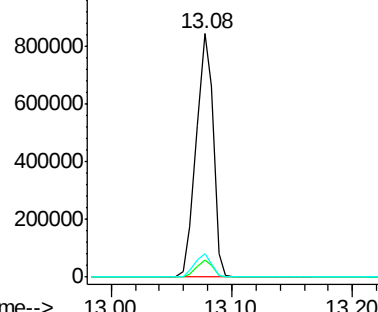
122 9.6 11.0 16.4#

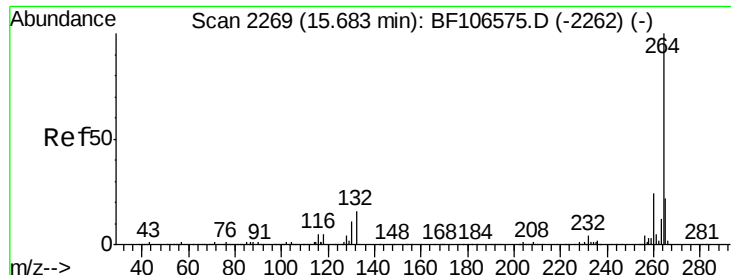


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

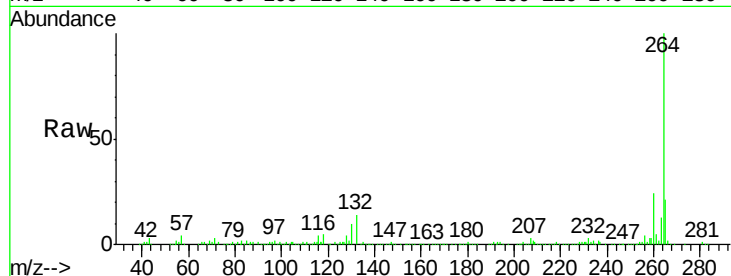




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106659.D
Acq: 21 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.6	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

