

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
 Data File : BF106667.D
 Acq On : 21 Jun 2018 18:13
 Operator : JU/SJ
 Sample : J3584-20
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Quant Time: Jun 21 18:45:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 21 16:55:30 2018
 Response via : Initial Calibration

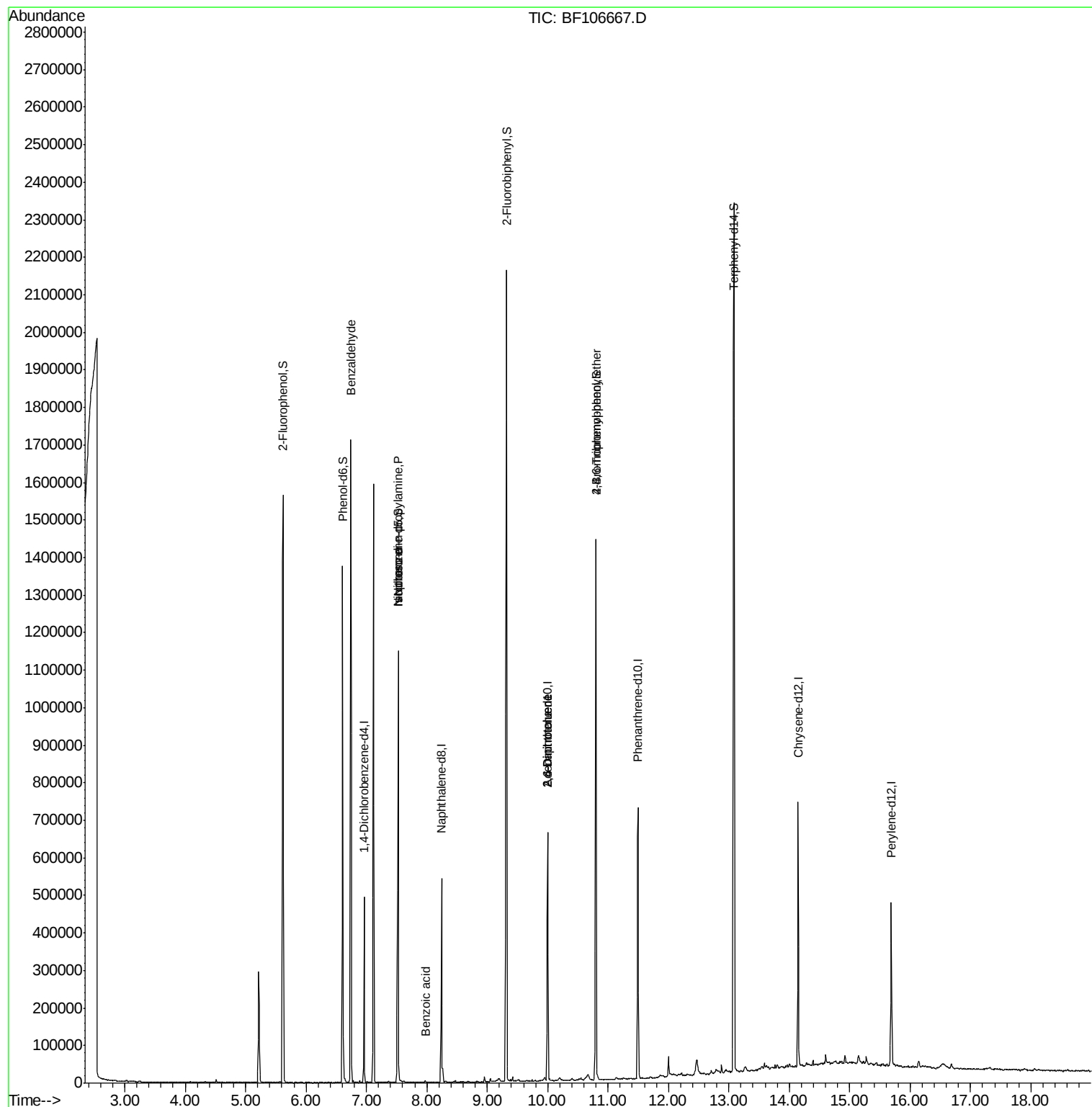
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	63982	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	247674	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	130501	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	278399	20.00	ng	0.00
75) Chrysene-d12	14.15	240	250012	20.00	ng	0.00
86) Perylene-d12	15.69	264	208937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	461521	122.14	ng	0.02
7) Phenol-d6	6.61	99	526166	111.51	ng	0.00
23) Nitrobenzene-d5	7.52	82	446329	100.15	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	249962	165.26	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	787583	105.75	ng	0.00
78) Terphenyl-d14	13.08	244	1053451	102.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	11515	2.887	ng	84
19) n-Nitroso-di-n-propylamine	7.52	70	58741	18.886	ng	# 72
25) Isophorone	7.52	82	446325	56.833	ng	# 64
32) Benzoic acid	7.98	122	111	5.772	ng	# 58
50) 2,6-Dinitrotoluene	10.00	165	16502	7.962	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	16502	6.100	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	15251	4.590	ng	# 1

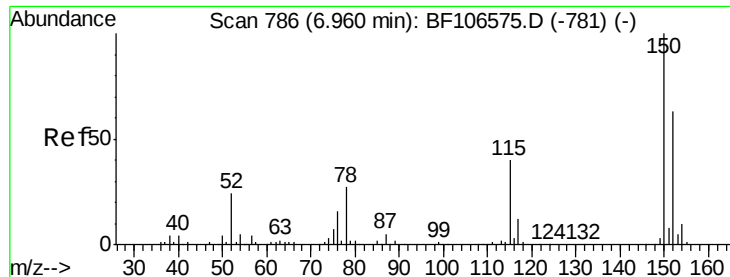
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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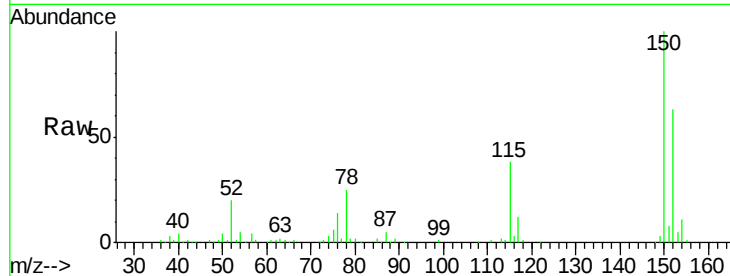


#1

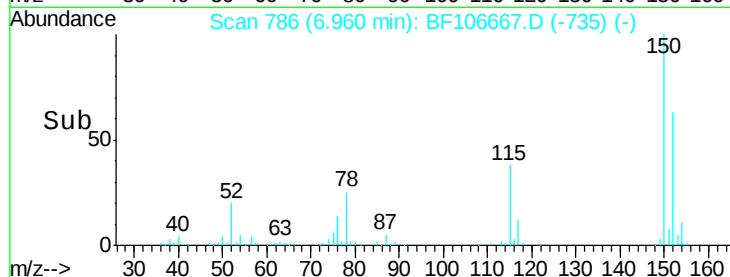
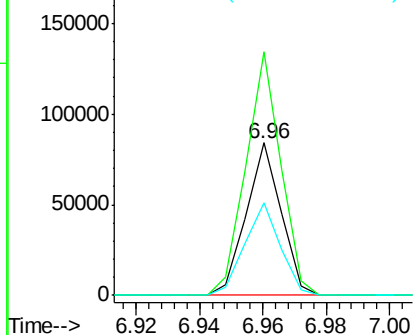
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:152 Resp: 63982
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 61.0 50.1 75.1



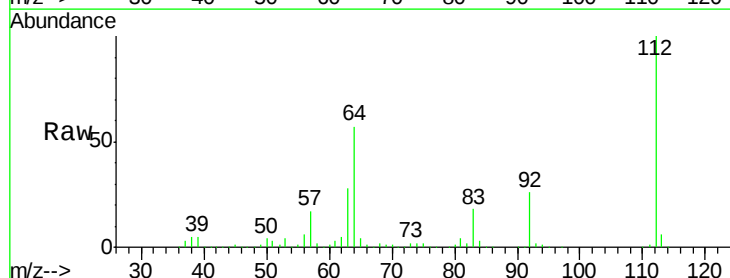
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



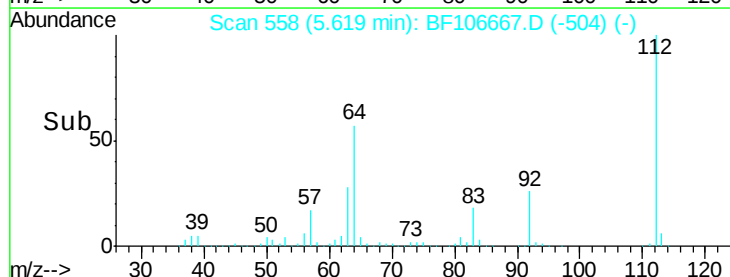
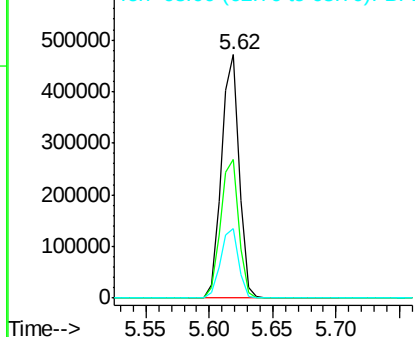
#5

2-Fluorophenol
Concen: 122.144 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Tgt Ion:112 Resp: 461521
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.3 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: 111.509 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106667.D

Acq: 21 Jun 2018 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-S

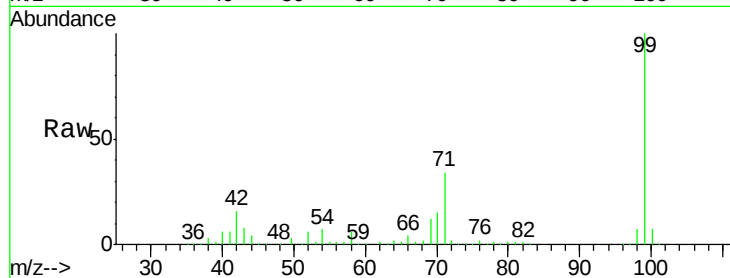
Tgt Ion: 99 Resp: 526166

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

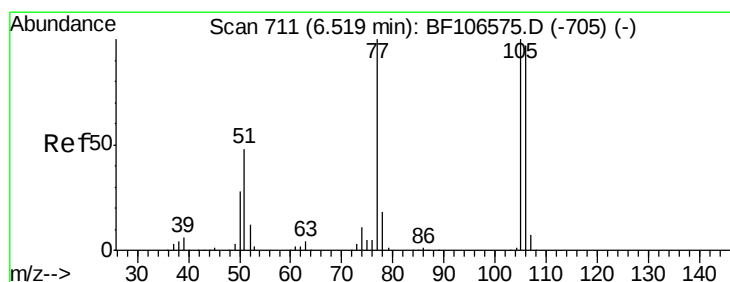
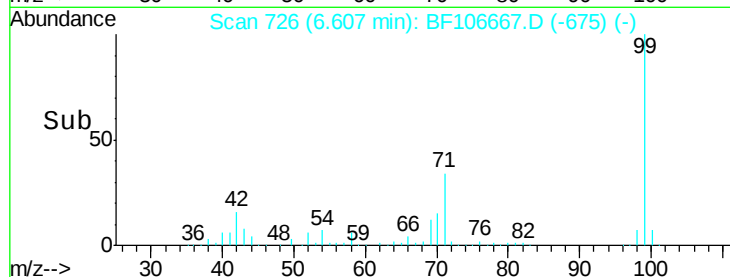
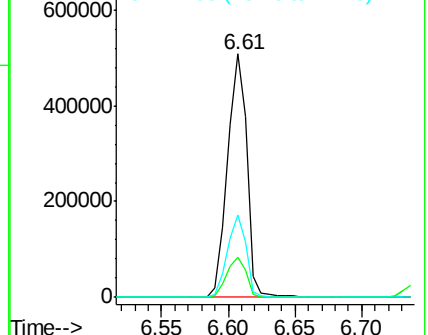
71 33.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.887 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106667.D

Acq: 21 Jun 2018 18:13

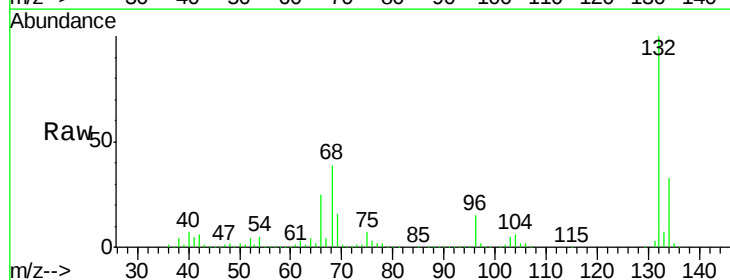
Tgt Ion: 77 Resp: 11515

Ion Ratio Lower Upper

77 100

105 82.5 81.1 121.1

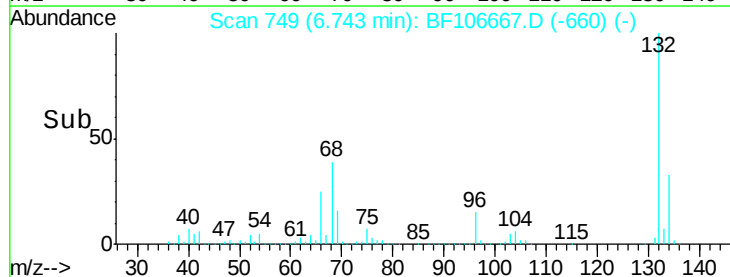
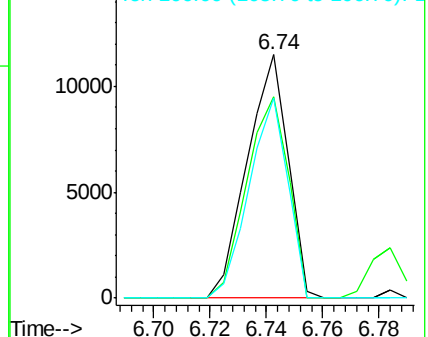
106 82.4 74.5 114.5

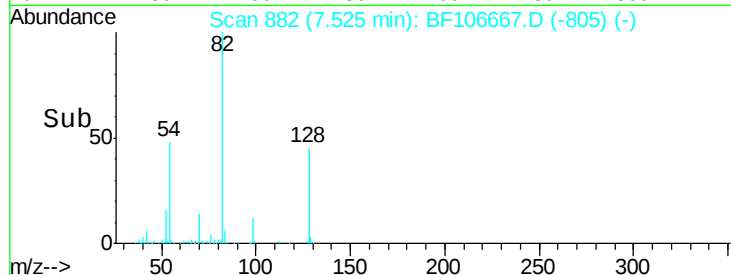
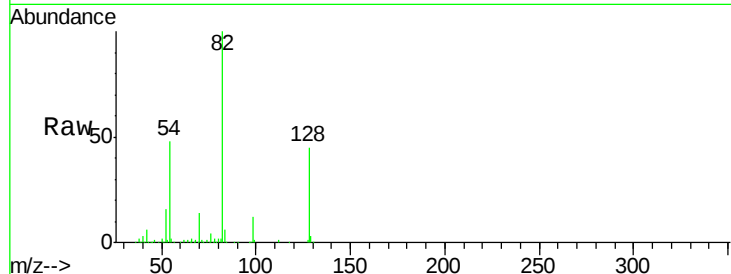


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

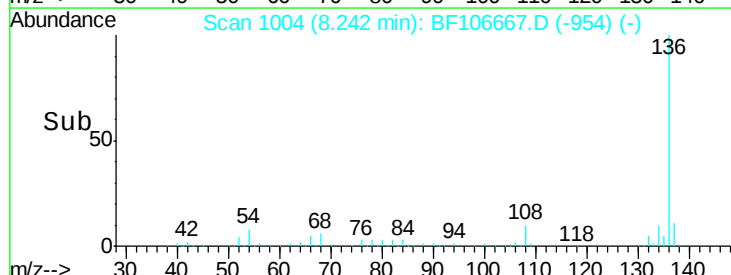
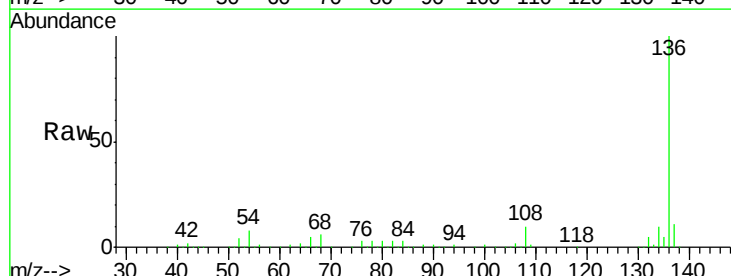
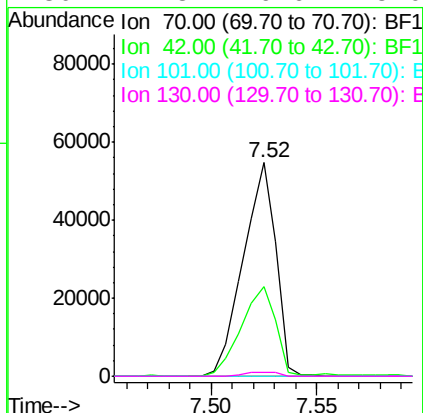




#19
n-Nitroso-di-n-propylamine
Concen: 18.886 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

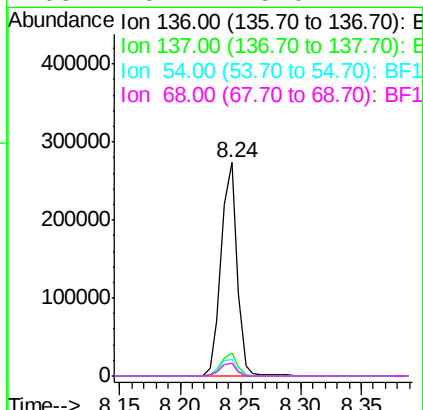
Instrument :
BNA_F
ClientSampleId :
TP-1-S

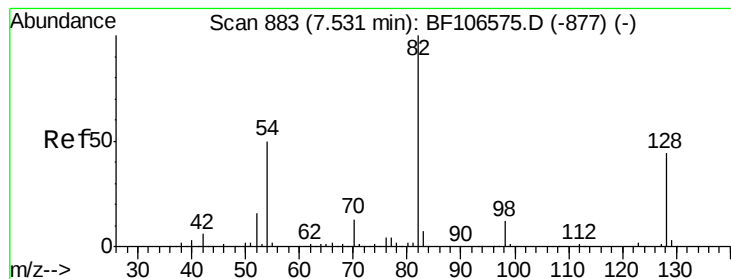
Tgt Ion: 70 Resp: 58741
Ion Ratio Lower Upper
70 100
42 41.8 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Tgt Ion: 136 Resp: 247674
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.0 6.6 9.8
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 100.148 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106667.D

Acq: 21 Jun 2018 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-S

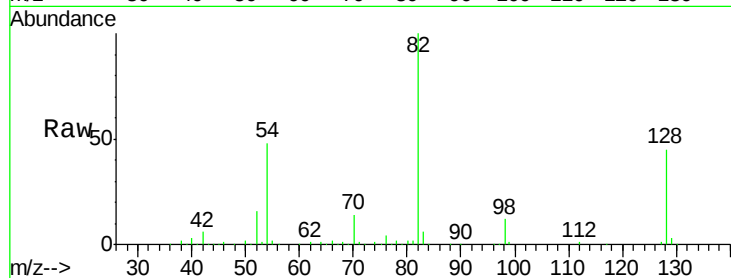
Tgt Ion: 82 Resp: 446329

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

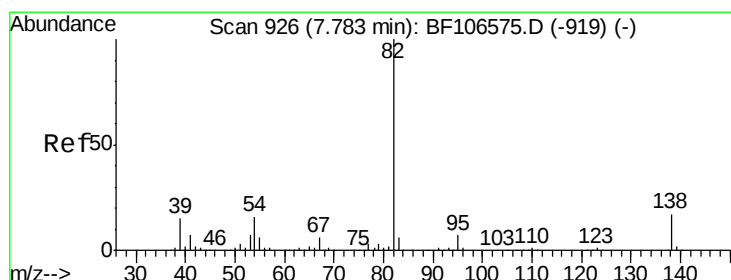
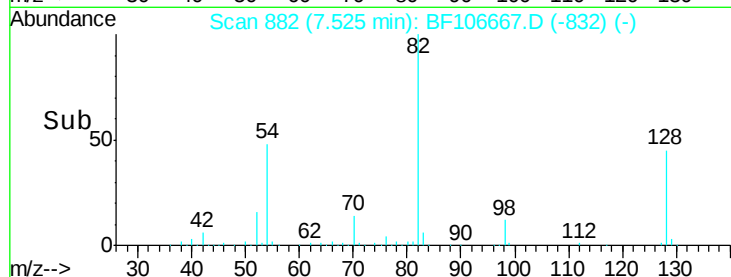
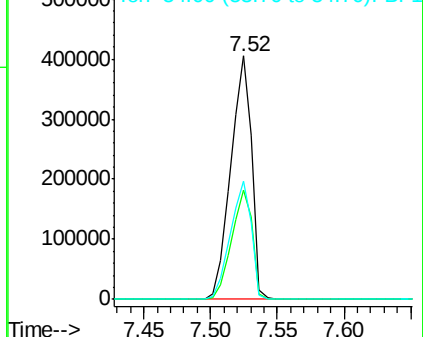
54 48.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 56.833 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106667.D

Acq: 21 Jun 2018 18:13

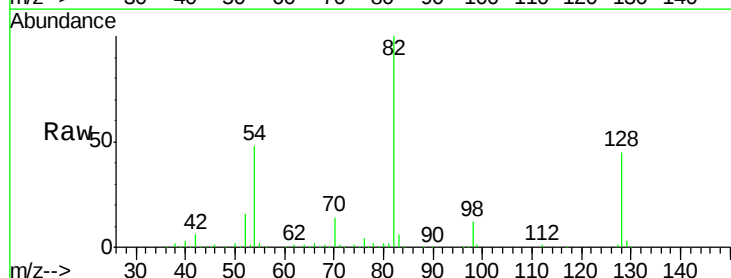
Tgt Ion: 82 Resp: 446325

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

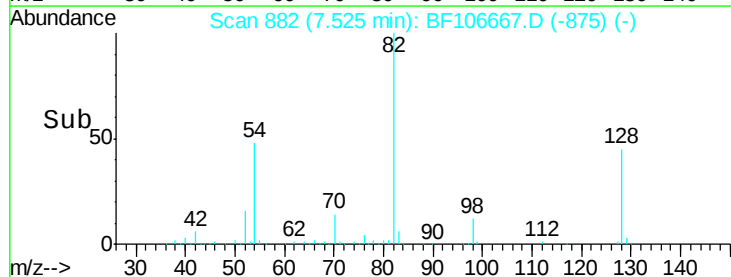
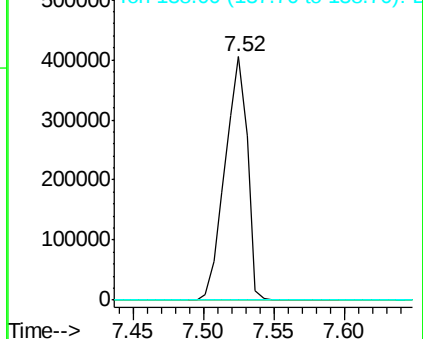
138 0.0 14.9 22.3#

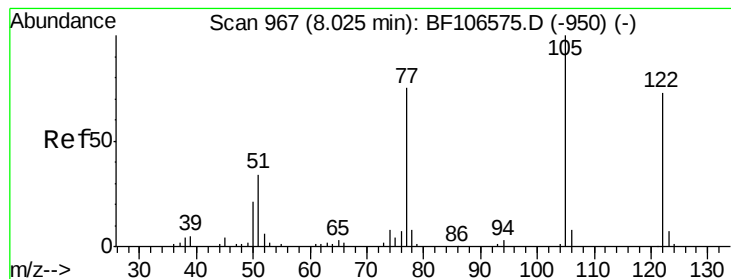


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 5.772 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.04 min

Lab File: BF106667.D

Acq: 21 Jun 2018 18:13

Instrument :

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ClientSampleId :

TP-1-S

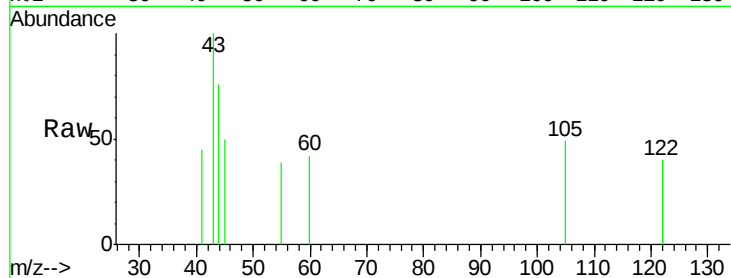
Tgt Ion:122 Resp: 111

Ion Ratio Lower Upper

122 100

105 122.9 101.1 141.1

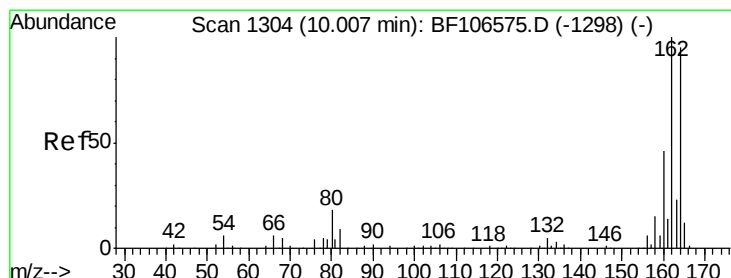
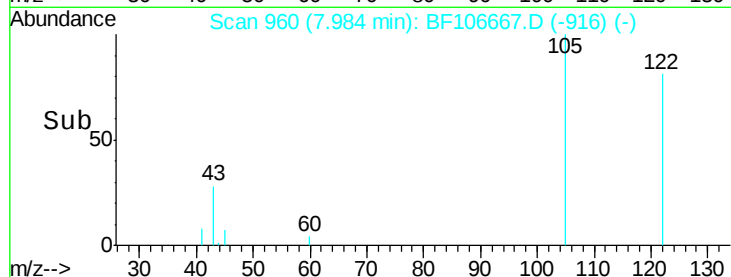
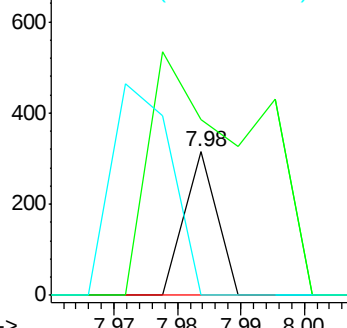
77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106667.D

Acq: 21 Jun 2018 18:13

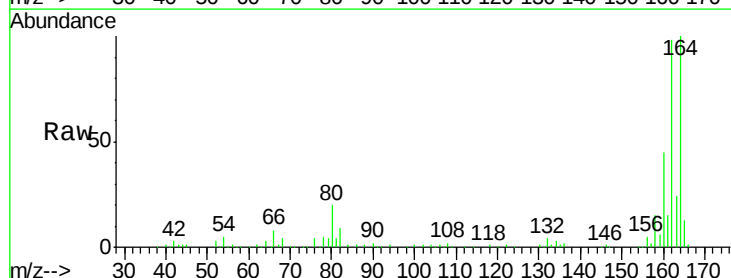
Tgt Ion:164 Resp: 130501

Ion Ratio Lower Upper

164 100

162 97.8 86.1 129.1

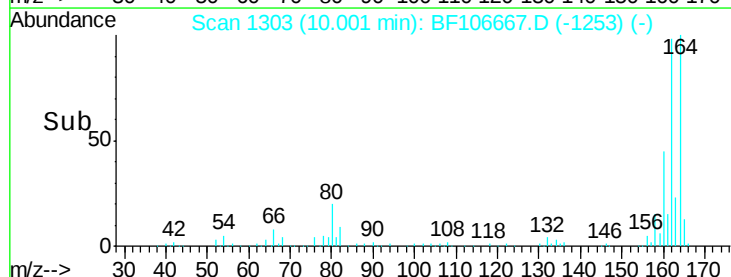
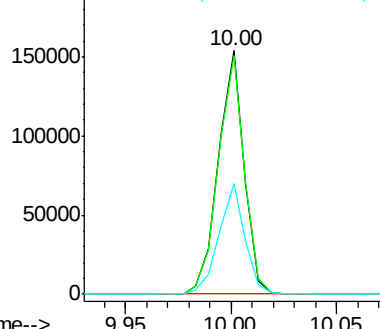
160 45.3 38.3 57.5



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

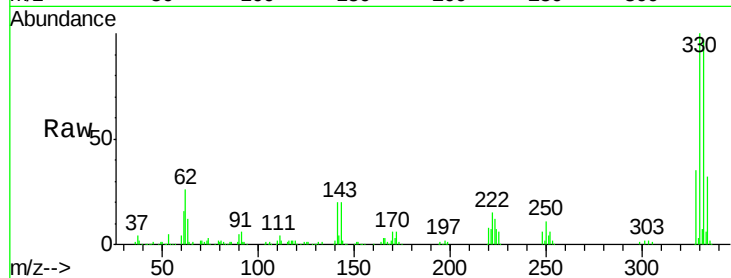




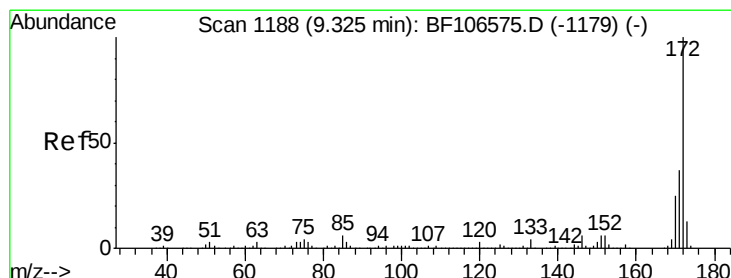
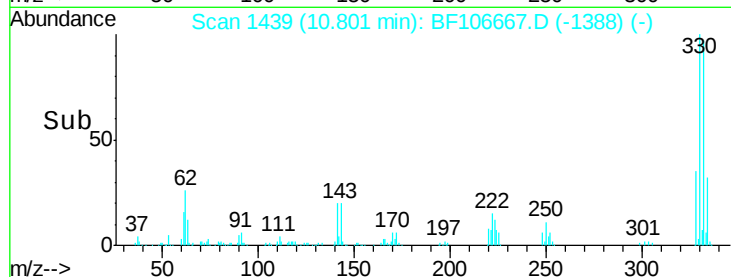
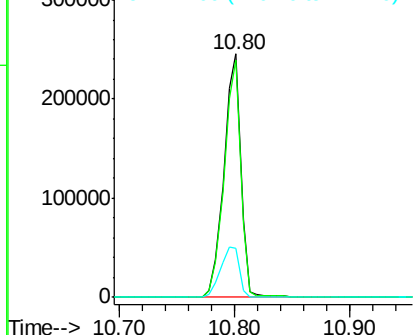
#41
 2,4,6-Tribromophenol
 Concen: 165.260 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106667.D
 Acq: 21 Jun 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tgt Ion:330 Resp: 249962
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 23.0 29.9 44.9#

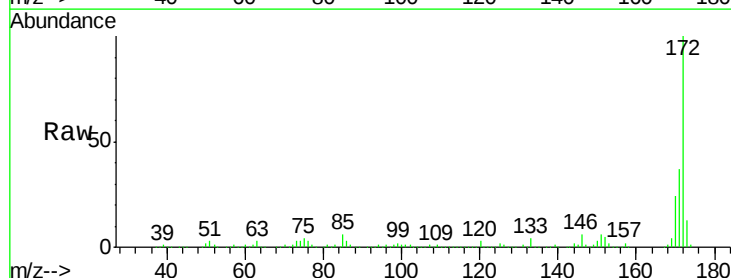


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

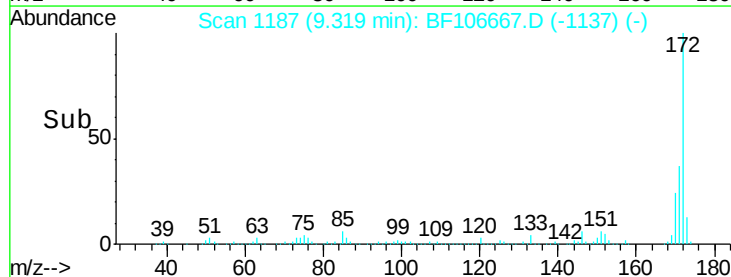
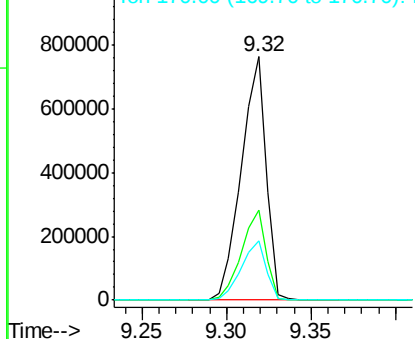


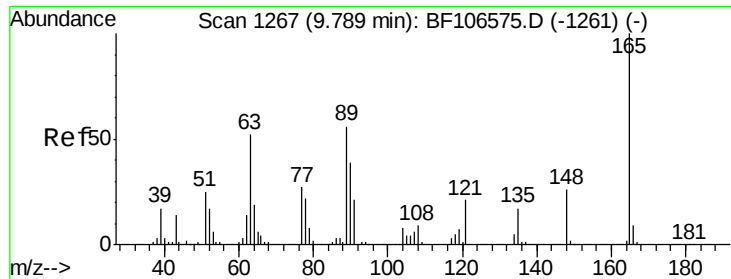
#44
 2-Fluorobiphenyl
 Concen: 105.753 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106667.D
 Acq: 21 Jun 2018 18:13

Tgt Ion:172 Resp: 787583
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.2 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

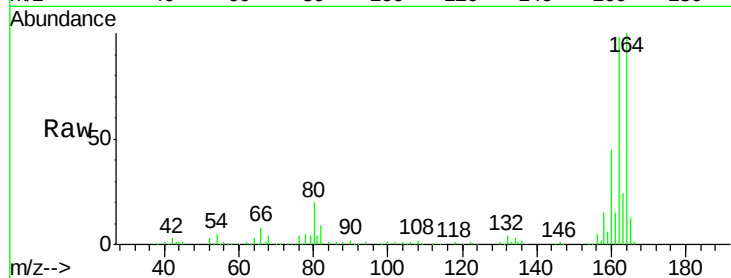




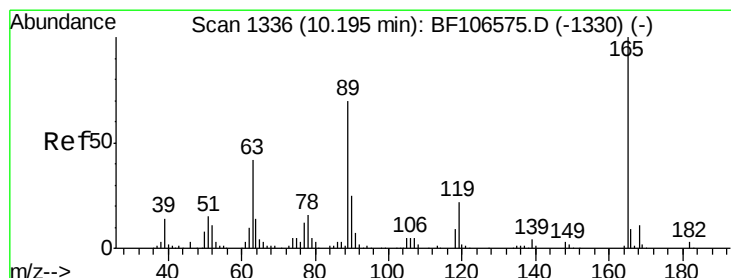
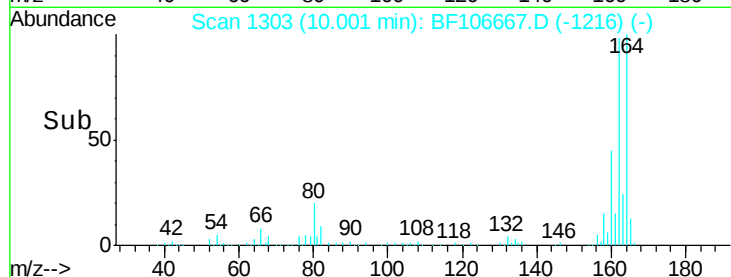
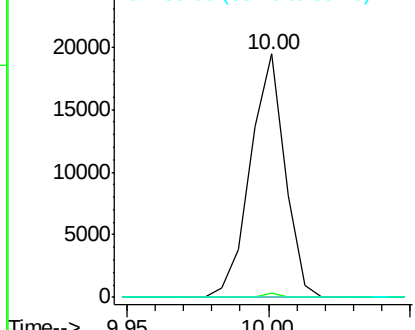
#50
2,6-Dinitrotoluene
Concen: 7.962 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Instrument :
BNA_F
ClientSampled :
TP-1-S

Tgt Ion:165 Resp: 16502
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 0.0 44.0 66.0#

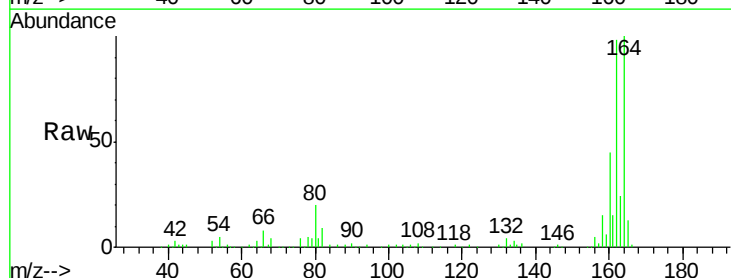


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

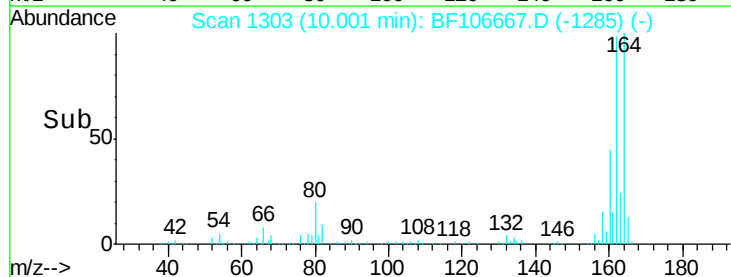
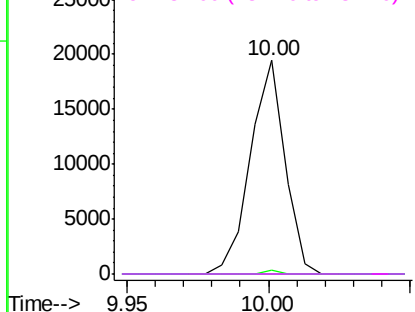


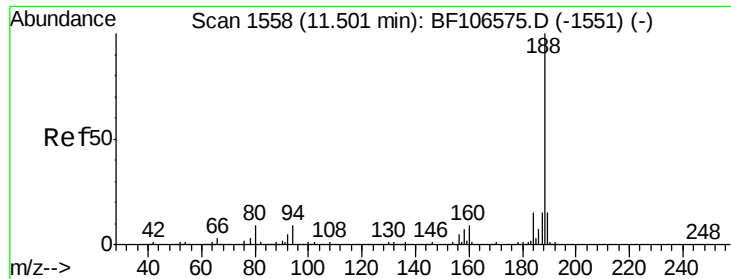
#56
2,4-Dinitrotoluene
Concen: 6.100 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Tgt Ion:165 Resp: 16502
Ion Ratio Lower Upper
165 100
63 1.6 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: BF106667.D

Acq: 21 Jun 2018 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-S

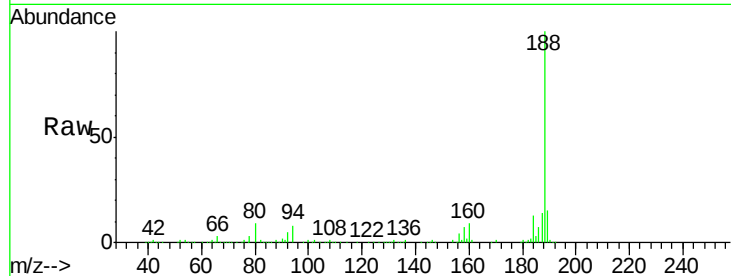
Tgt Ion:188 Resp: 278399

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

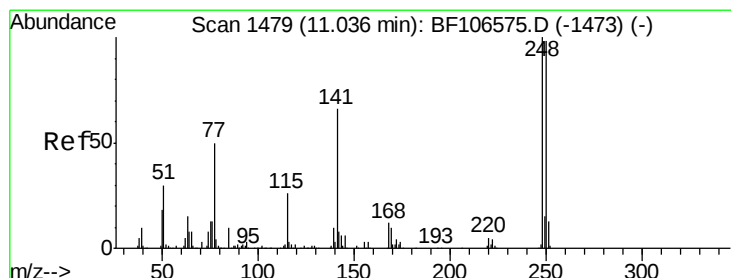
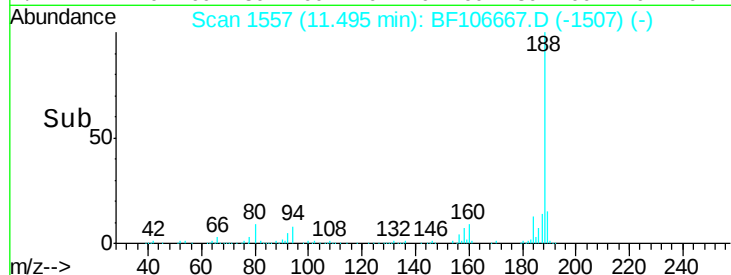
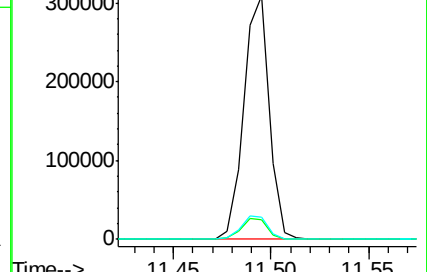
80 8.9 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

4-Bromophenyl-phenylether

Concen: 4.590 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF106667.D

Acq: 21 Jun 2018 18:13

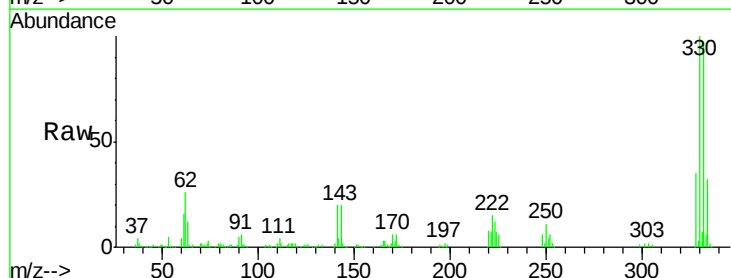
Tgt Ion:248 Resp: 15251

Ion Ratio Lower Upper

248 100

250 195.0 76.9 115.3#

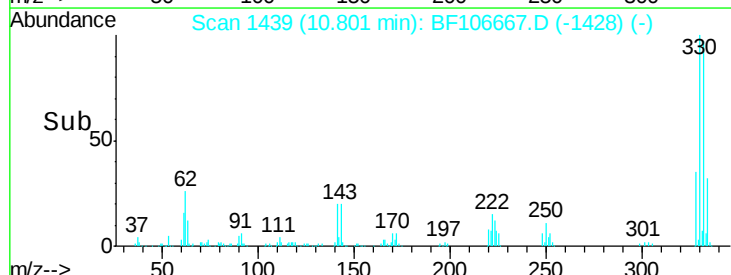
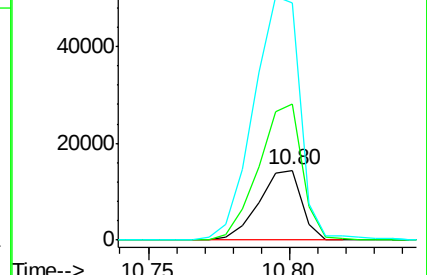
141 339.6 74.4 111.6#

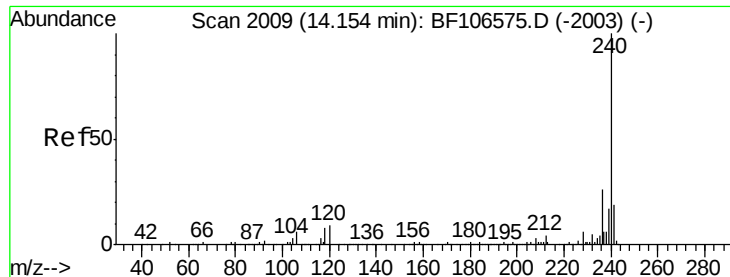


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106667.D

Acq: 21 Jun 2018 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-S

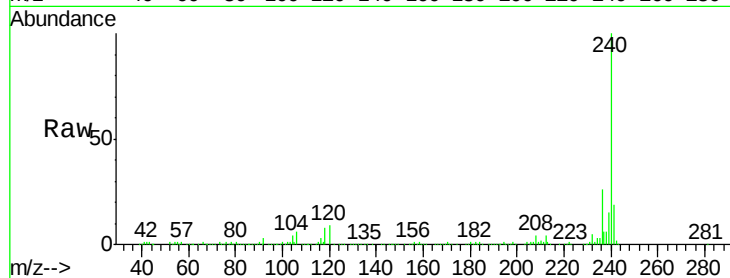
Tgt Ion:240 Resp: 250012

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

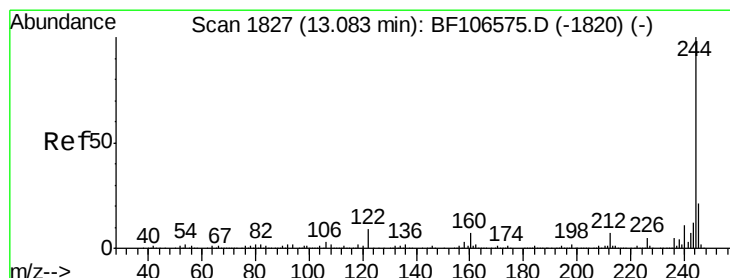
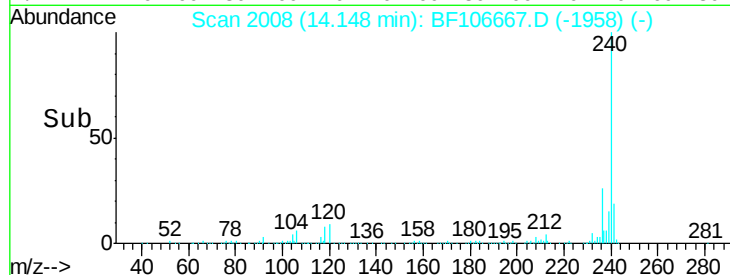
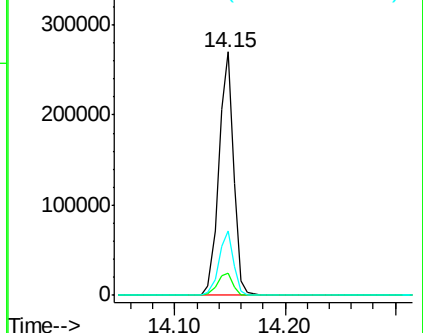
236 26.3 20.7 31.1



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: 102.066 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106667.D

Acq: 21 Jun 2018 18:13

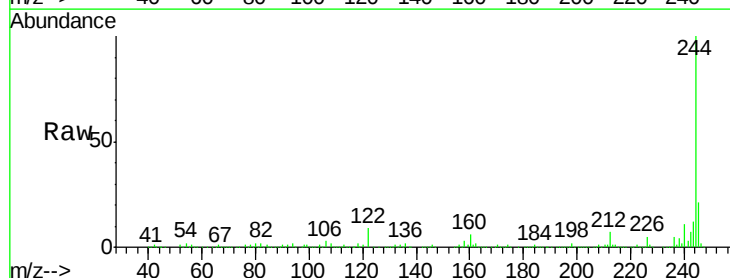
Tgt Ion:244 Resp: 1053451

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

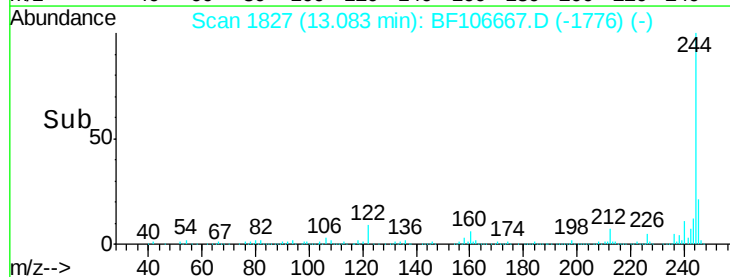
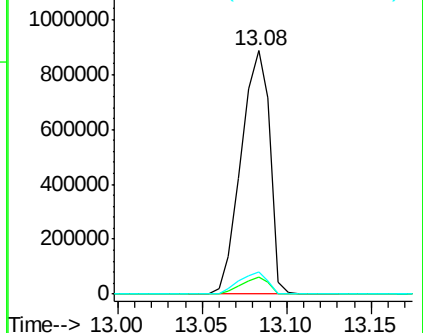
122 8.9 11.0 16.4#

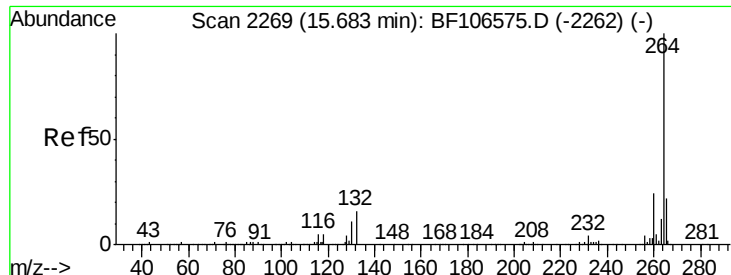


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

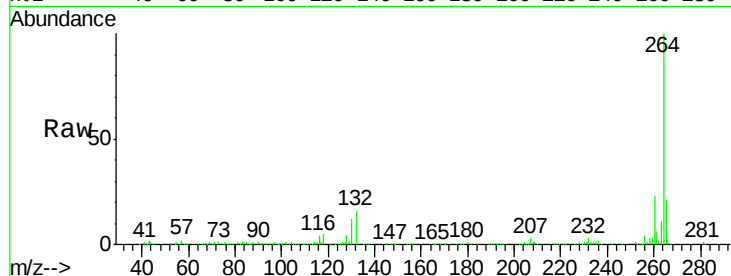




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.1	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

