

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106776.D
 Acq On : 25 Jun 2018 17:30
 Operator : JU/SJ
 Sample : J3573-07RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 25 18:51:05 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	58532	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	226168	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	120250	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	255337	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	200817	20.00	ng	-0.02
86) Perylene-d12	15.69	264	161254	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	430083	124.42	ng	0.00
7) Phenol-d6	6.61	99	563107	130.45	ng	0.00
23) Nitrobenzene-d5	7.52	82	373177	91.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	211906	152.04	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	683816	98.62	ng	0.00
78) Terphenyl-d14	13.08	244	873761	105.39	ng	0.00

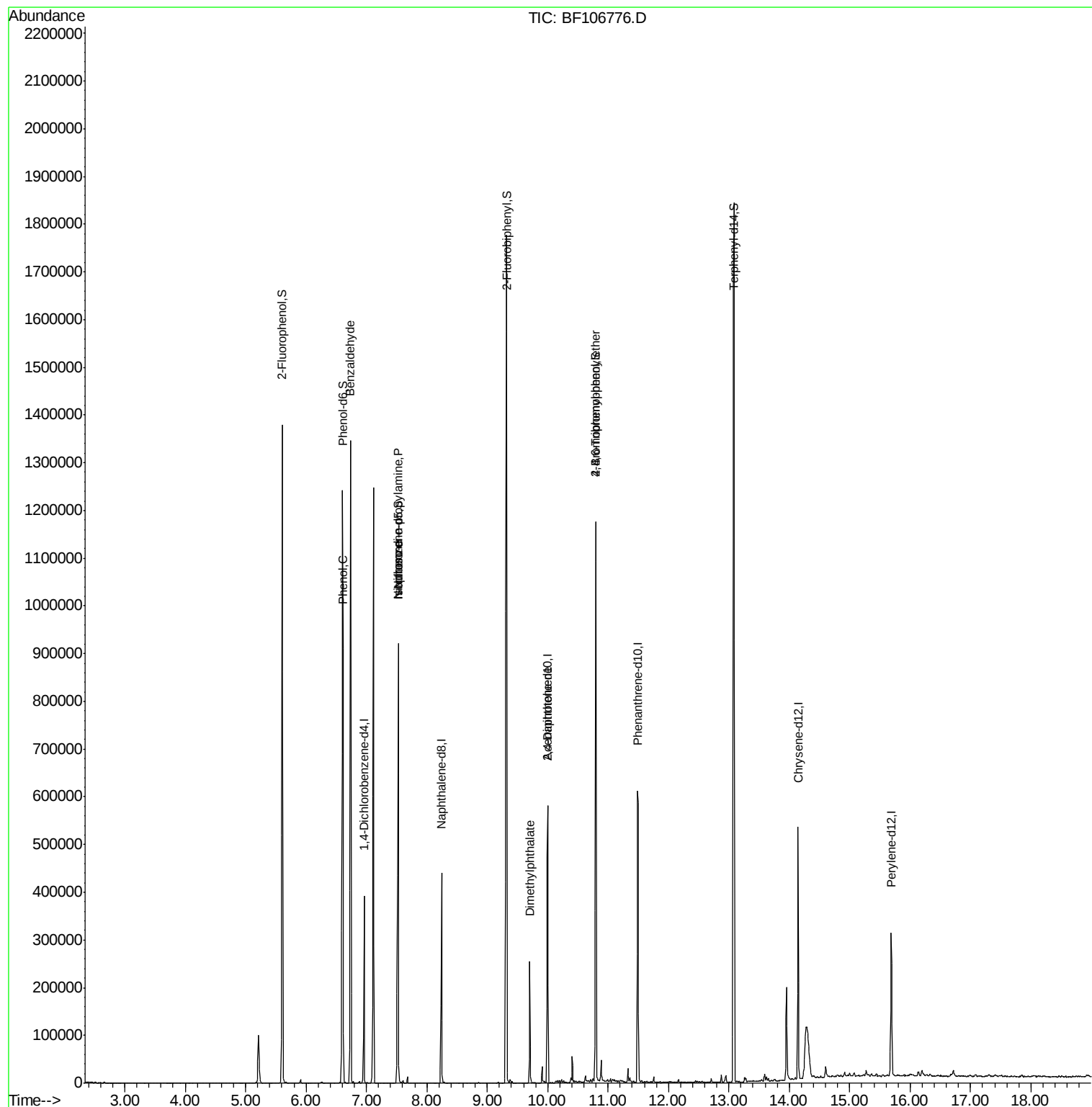
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	9723	2.668	ng	88
10) Phenol	6.62	94	10642	2.160	ng	97
19) n-Nitroso-di-n-propylamine	7.52	70	48875	17.177	ng	# 74
25) Isophorone	7.52	82	370950	51.726	ng	# 64
49) Dimethylphthalate	9.71	163	102349	11.348	ng	99
56) 2,4-Dinitrotoluene	10.00	165	15393	6.175	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	13029	4.276	ng	# 1

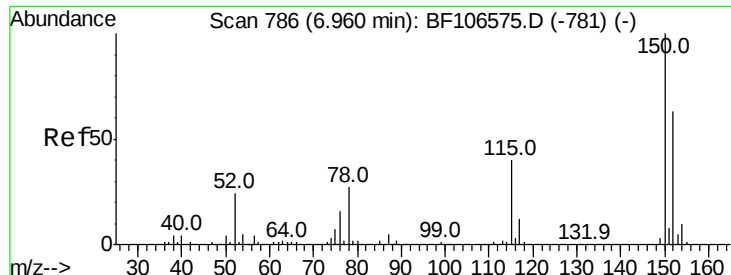
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
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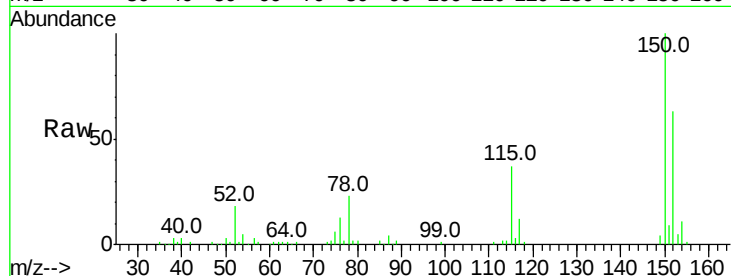


#1

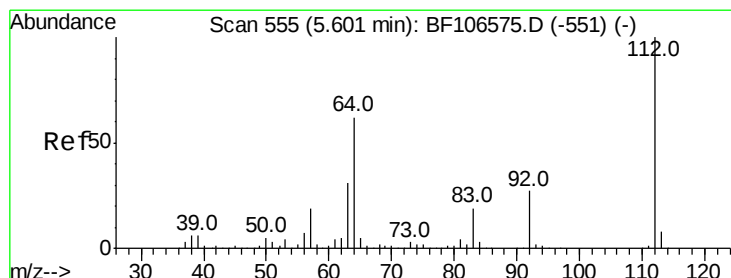
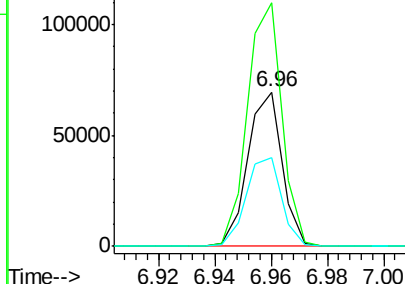
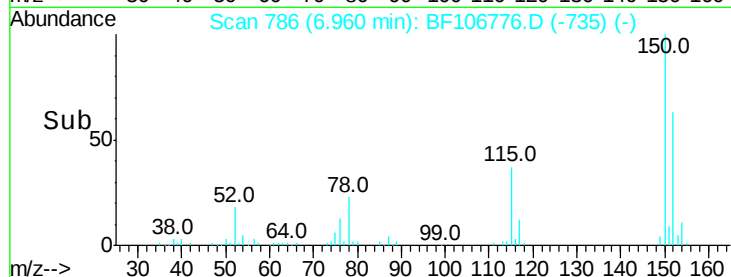
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106776.D
Acq: 25 Jun 2018 17:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 58532
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 57.9 50.1 75.1



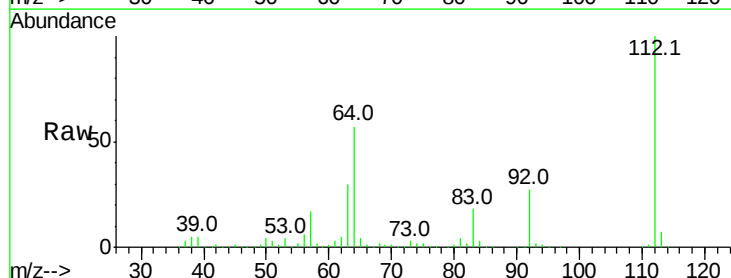
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



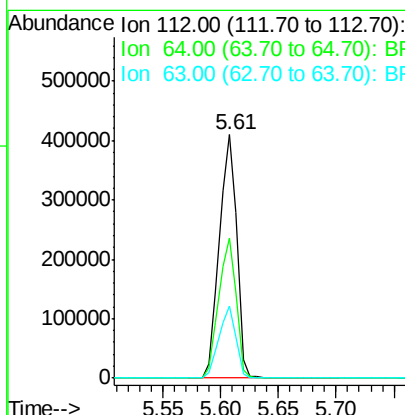
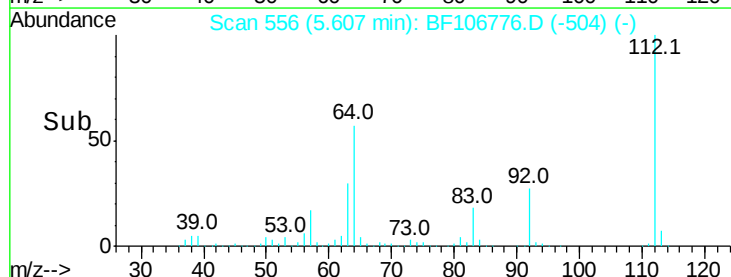
#5

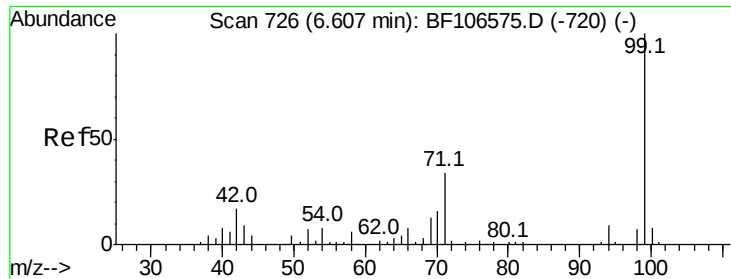
2-Fluorophenol
Concen: 124.422 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106776.D
Acq: 25 Jun 2018 17:30

Tgt Ion:112 Resp: 430083
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 29.6 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: 130.449 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

Instrument :

BNA_F

ClientSampleId :

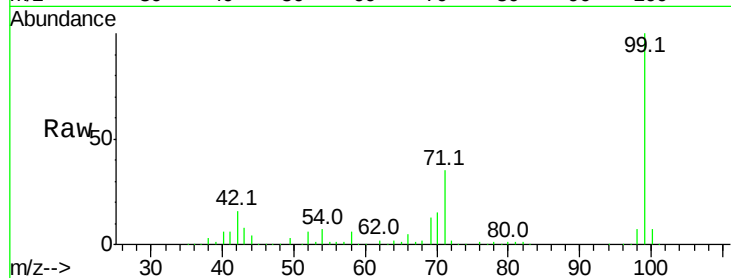
Tot Ion: 99 Resp: 563107

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

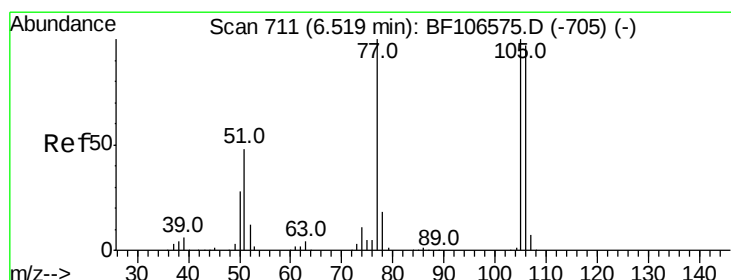
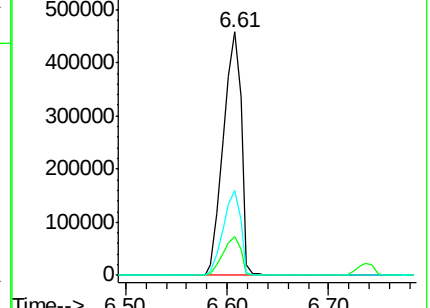
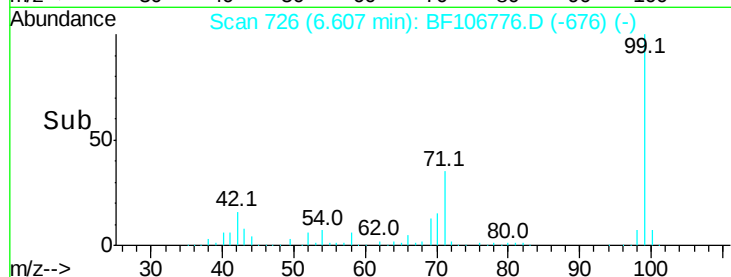
71 34.7 25.4 38.0



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: 2.668 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

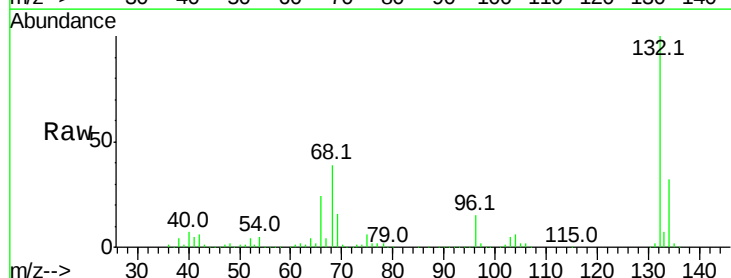
Tgt Ion: 77 Resp: 9723

Ion Ratio Lower Upper

77 100

105 87.0 81.1 121.1

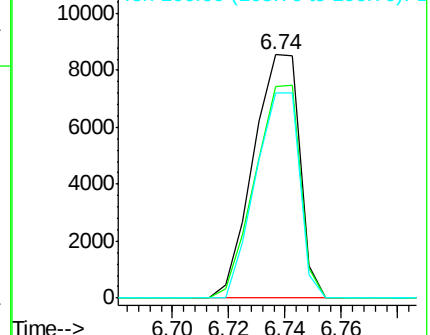
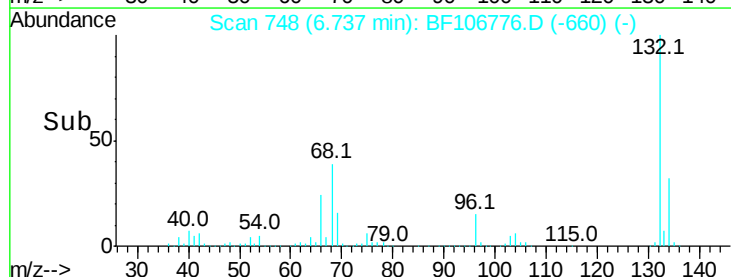
106 84.5 74.5 114.5

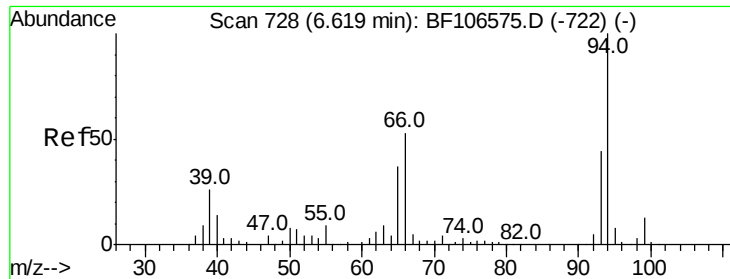


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.160 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

Instrument :

BNA_F

ClientSampleId :

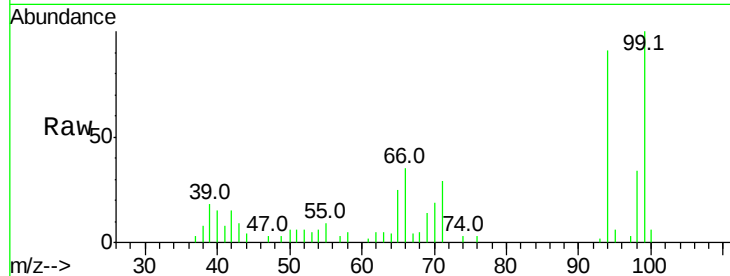
Tot Ion: 94 Resp: 10642

Ion Ratio Lower Upper

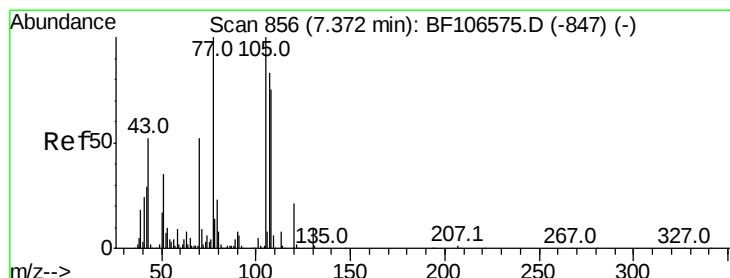
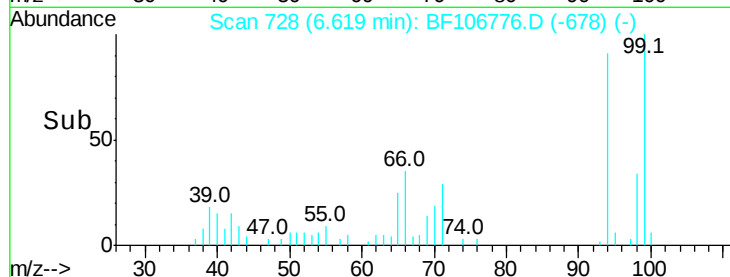
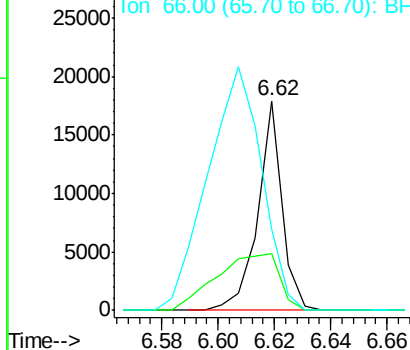
94 100

65 27.3 7.9 47.9

66 38.4 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: 17.177 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

Tgt Ion: 70 Resp: 48875

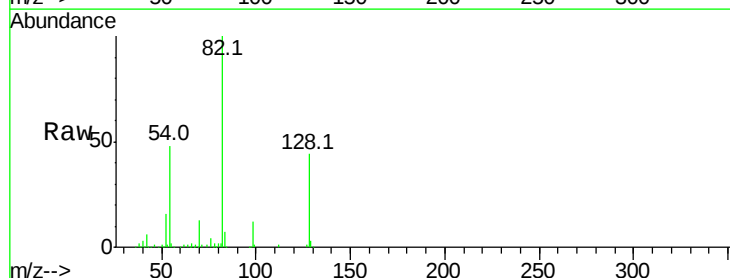
Ion Ratio Lower Upper

70 100

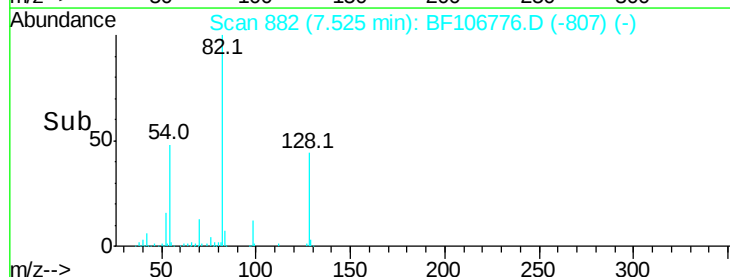
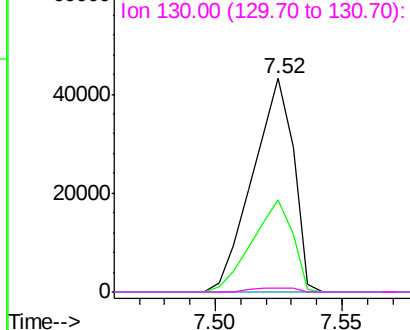
42 43.2 47.5 71.3#

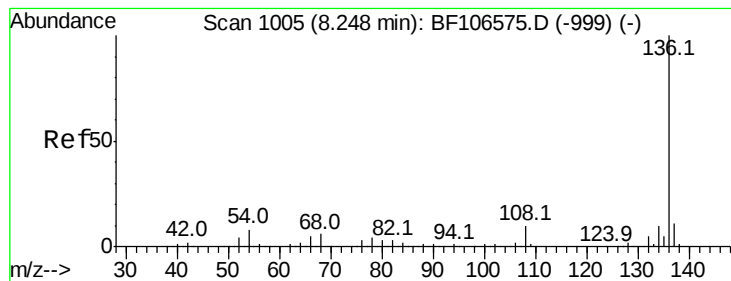
101 0.0 7.4 11.2#

130 1.9 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: BF106776.D

Acq: 25 Jun 2018 17:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 226168

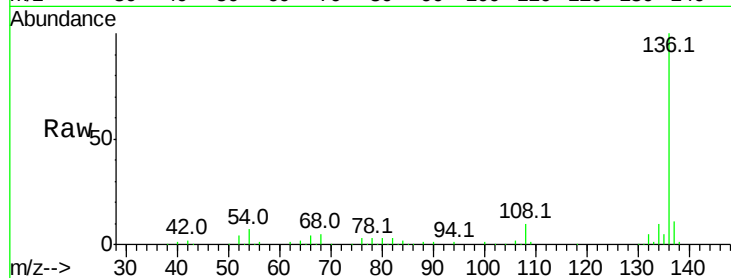
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.4 6.6 9.8

68 5.5 5.0 7.4

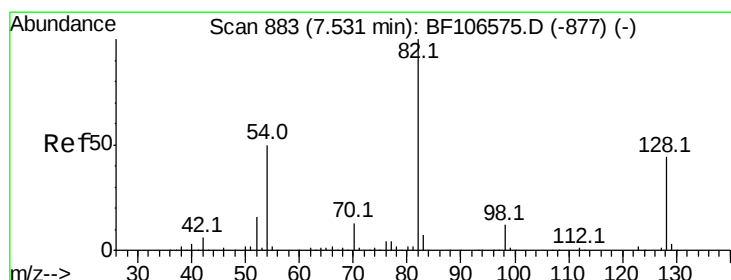
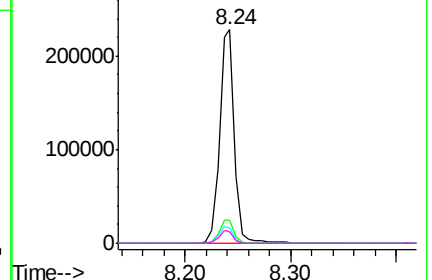
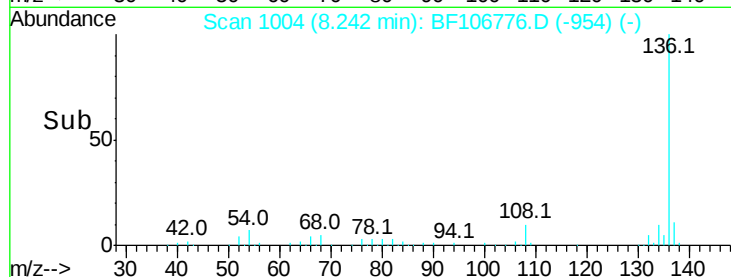


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.696 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

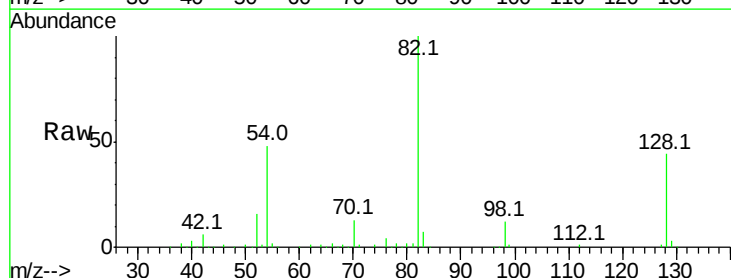
Tgt Ion: 82 Resp: 373177

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

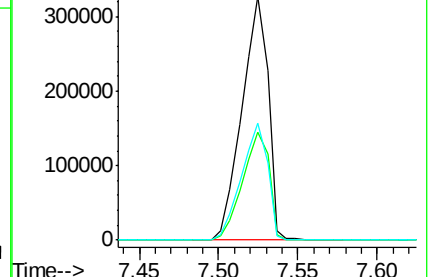
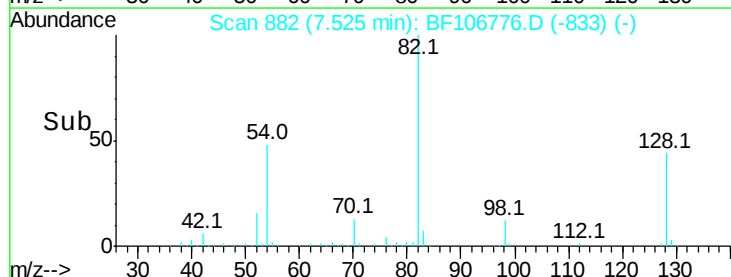
54 48.0 41.4 62.2

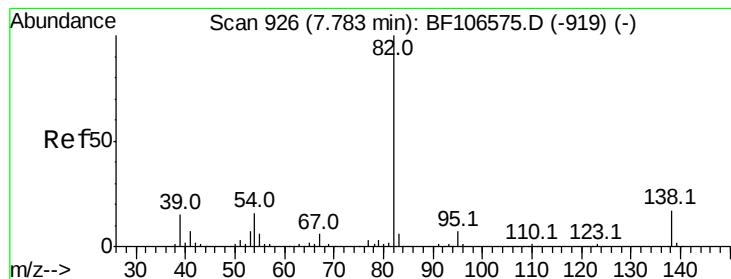


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.726 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

Instrument :

BNA_F

ClientSampled :

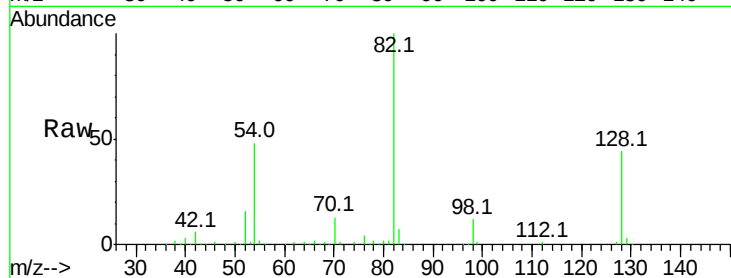
Tot Ion: 82 Resp: 370950

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

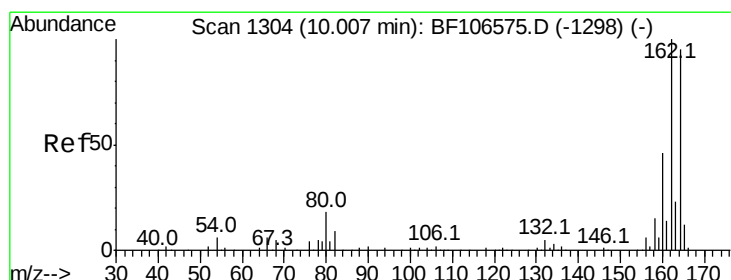
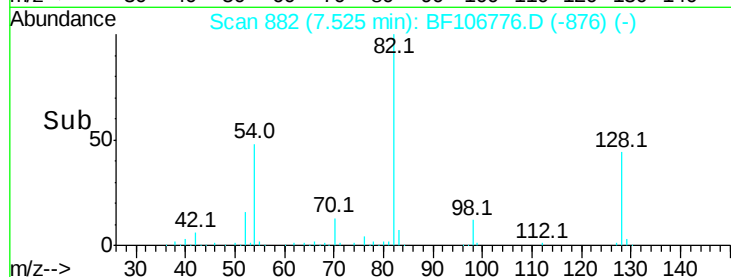
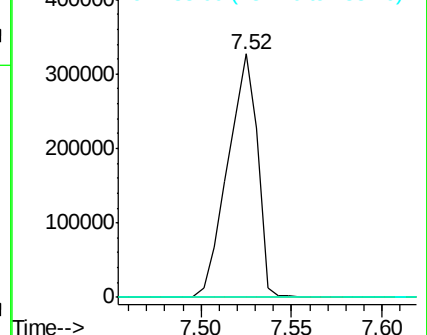
138 0.0 14.9 22.3#



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: BF106776.D

Acq: 25 Jun 2018 17:30

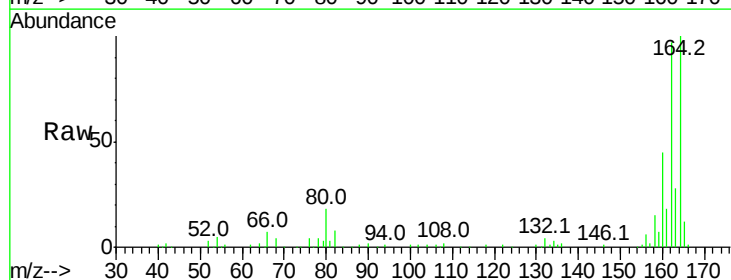
Tgt Ion:164 Resp: 120250

Ion Ratio Lower Upper

164 100

162 97.4 86.1 129.1

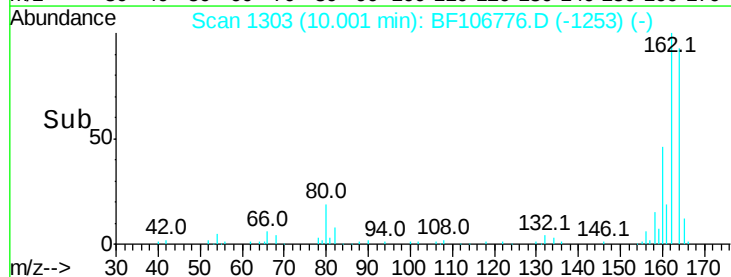
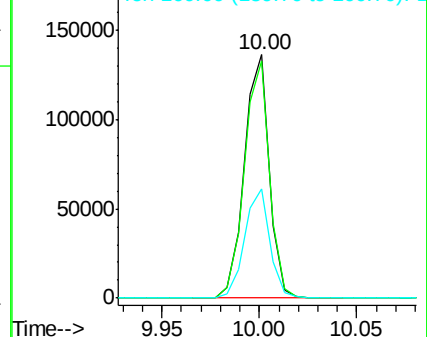
160 44.6 38.3 57.5

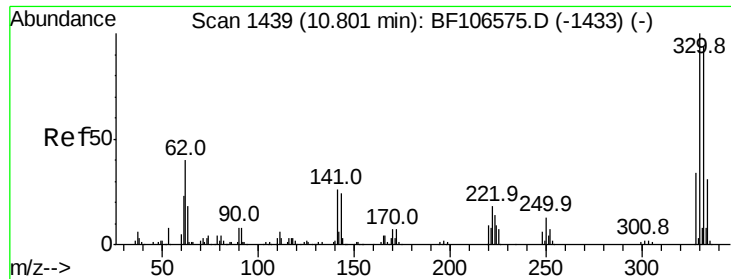


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

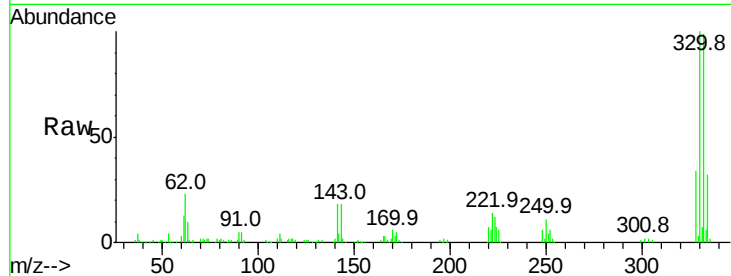




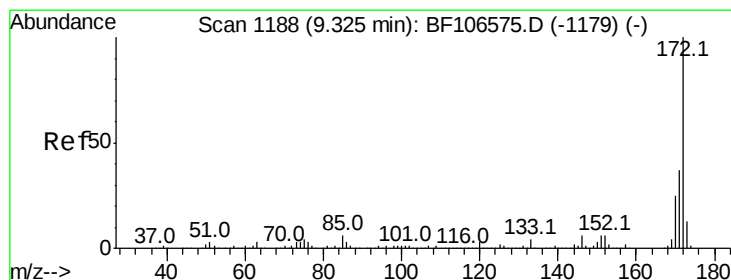
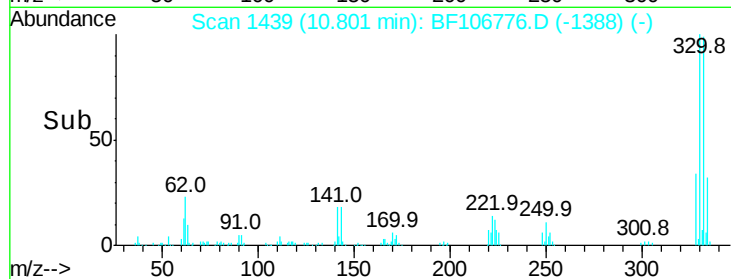
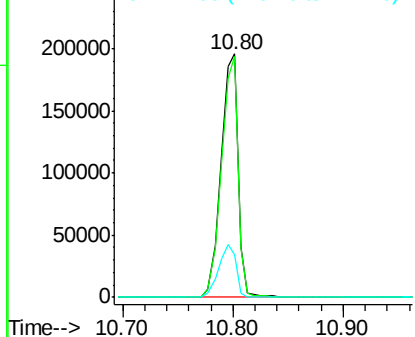
#41
 2,4,6-Tribromophenol
 Concen: 152.042 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106776.D
 Acq: 25 Jun 2018 17:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	22.1	29.9	44.9

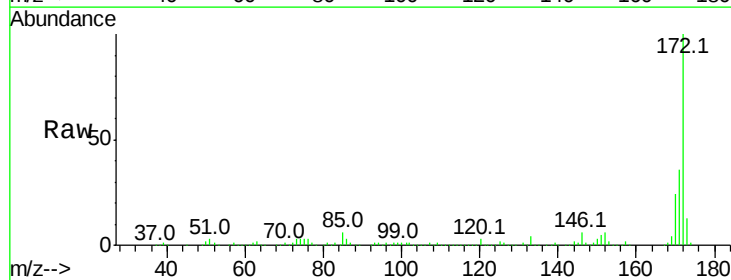


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

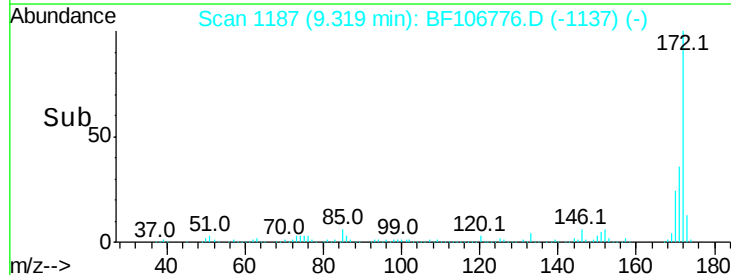
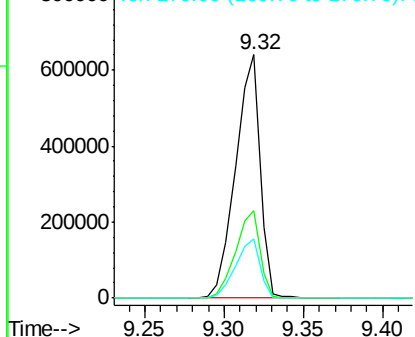


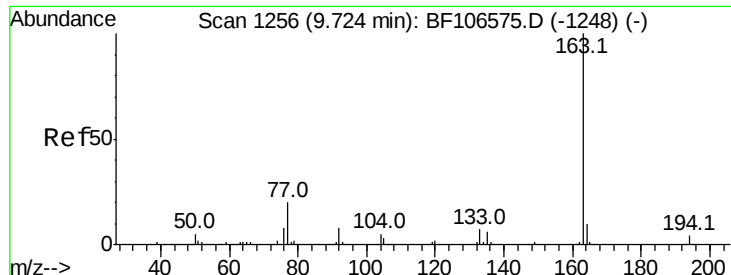
#44
 2-Fluorobiphenyl
 Concen: 98.616 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106776.D
 Acq: 25 Jun 2018 17:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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





#49

Dimethylphthalate

Concen: 11.348 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

Instrument :

BNA_F

ClientSampleId :

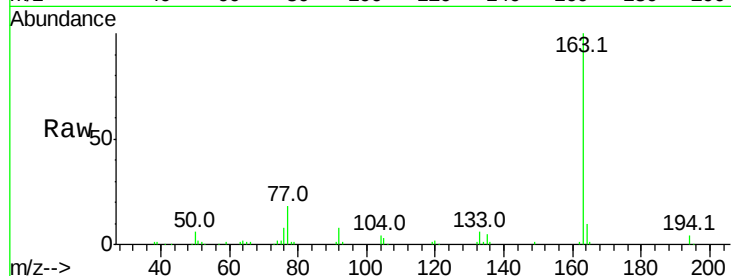
Tot Ion:163 Resp: 102349

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

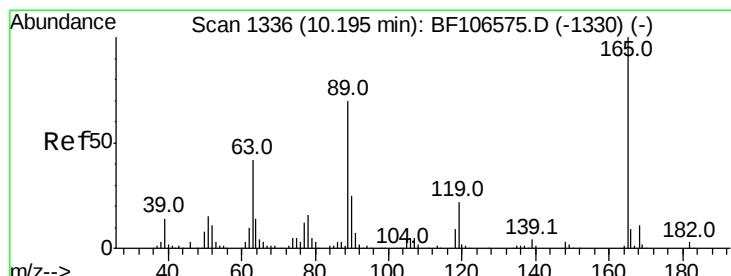
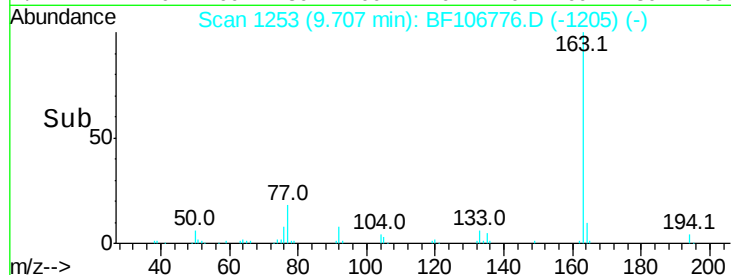
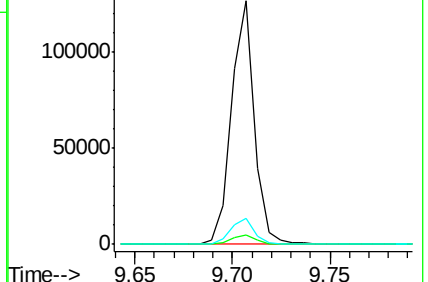
164 10.5 8.2 12.2



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: 6.175 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

Tgt Ion:165 Resp: 15393

Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

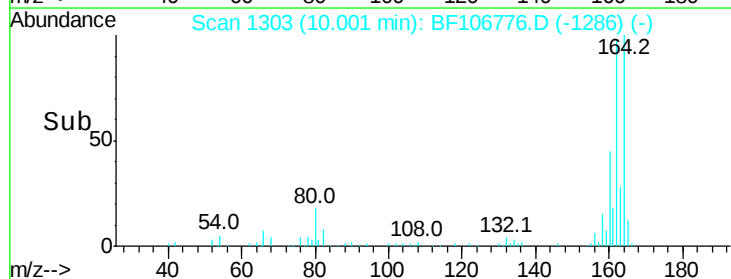
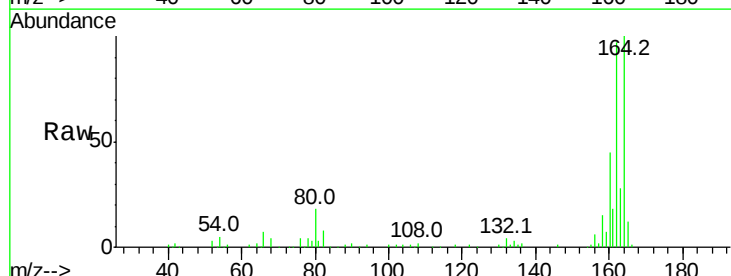
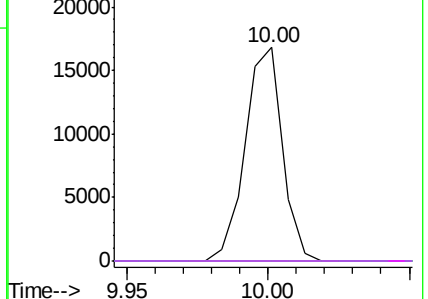
182 0.0 1.6 2.4#

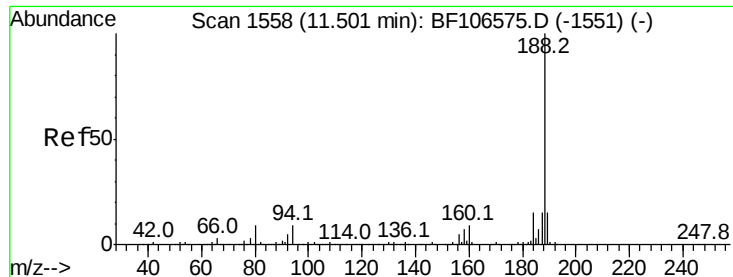
Abundance Ion 165.00 (164.70 to 165.70): E

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

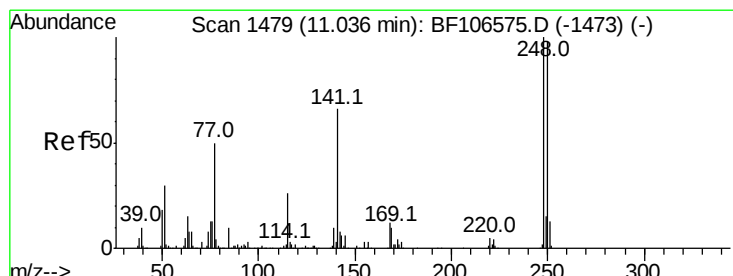
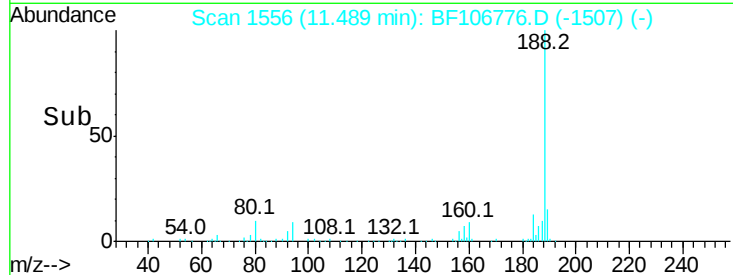
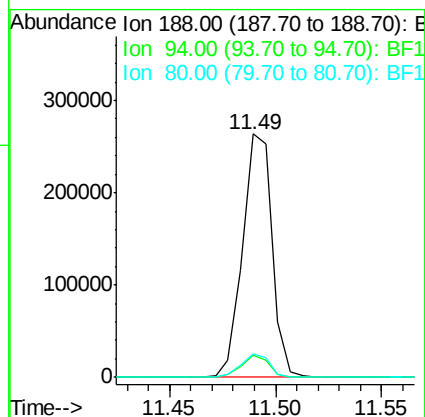
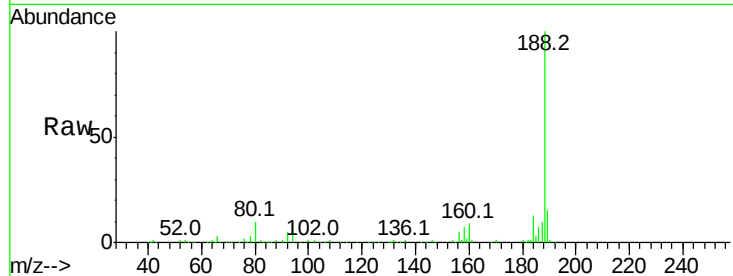




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106776.D
 Acq: 25 Jun 2018 17:30

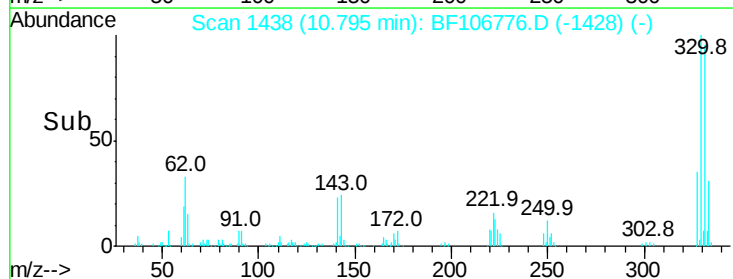
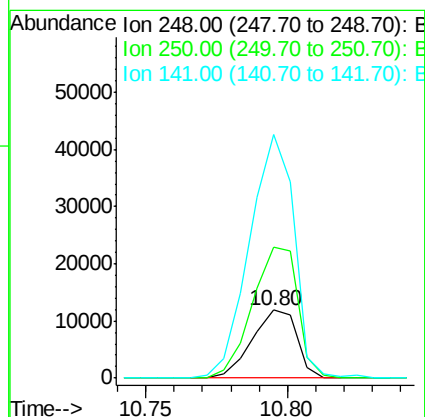
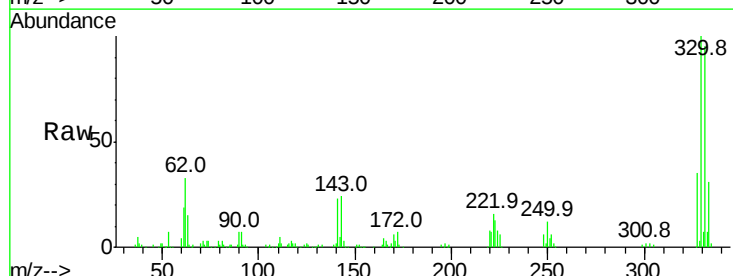
Instrument :
 BNA_F
 ClientSampleId :

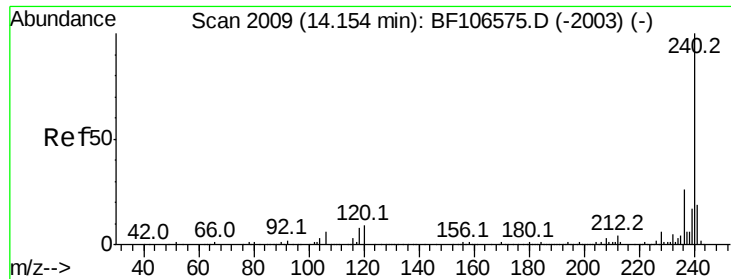
Tot Ion:188 Resp: 255337
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.5 12.7
 80 9.7 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.276 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106776.D
 Acq: 25 Jun 2018 17:30

Tgt Ion:248 Resp: 13029
 Ion Ratio Lower Upper
 248 100
 250 192.2 76.9 115.3#
 141 358.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

Instrument :

BNA_F

ClientSampled :

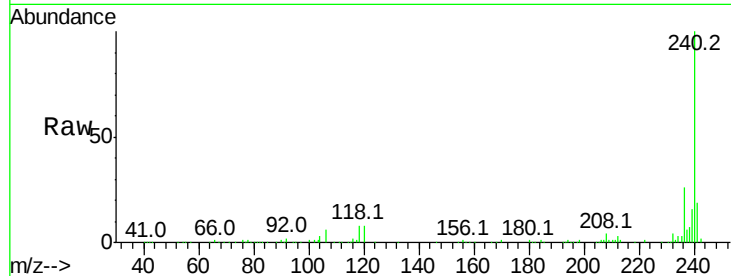
Tot Ion:240 Resp: 200817

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

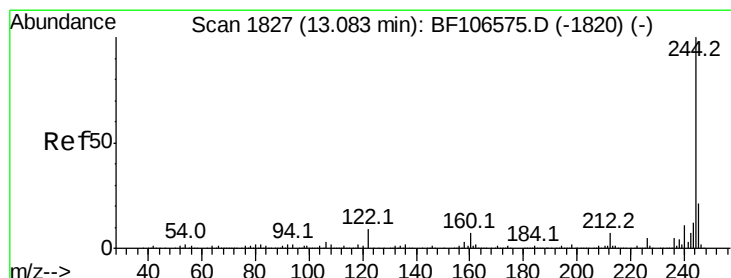
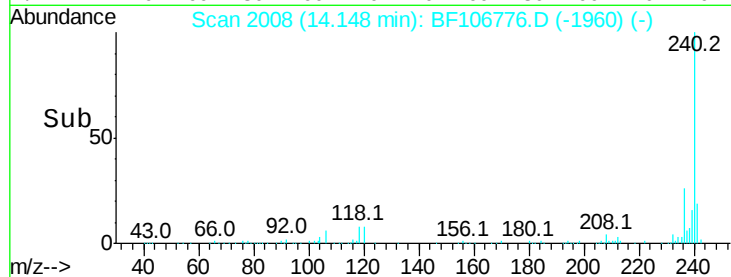
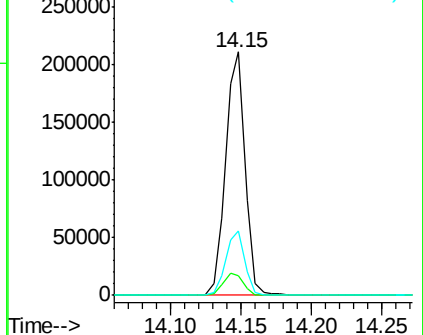
236 26.2 20.7 31.1



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: 105.395 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

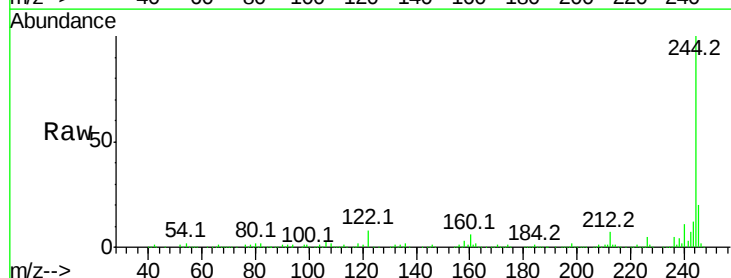
Tgt Ion:244 Resp: 873761

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

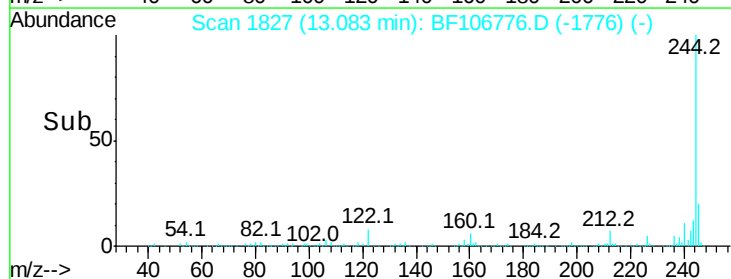
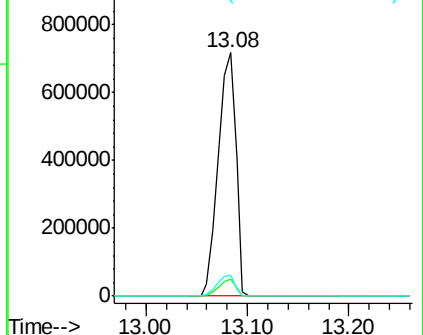
122 8.5 11.0 16.4#

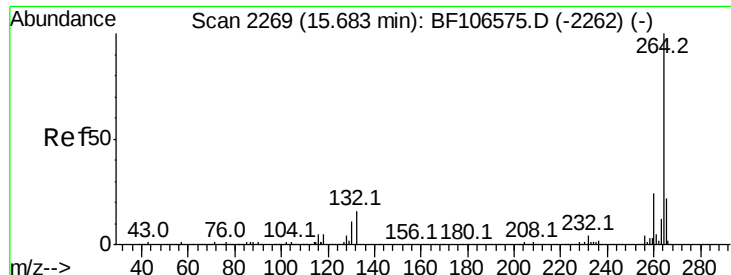


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

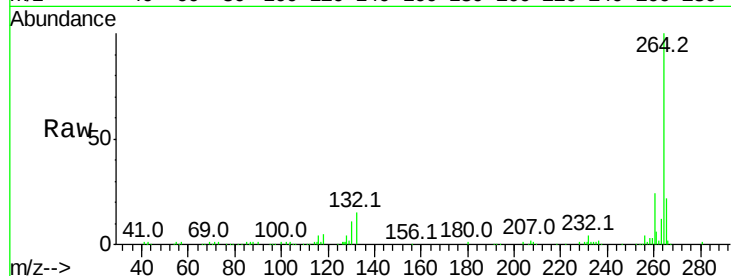




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF106776.D
Acq: 25 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	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

