

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106699.D
 Acq On : 22 Jun 2018 10:51
 Operator : JU/SJ
 Sample : J3603-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 11:35:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

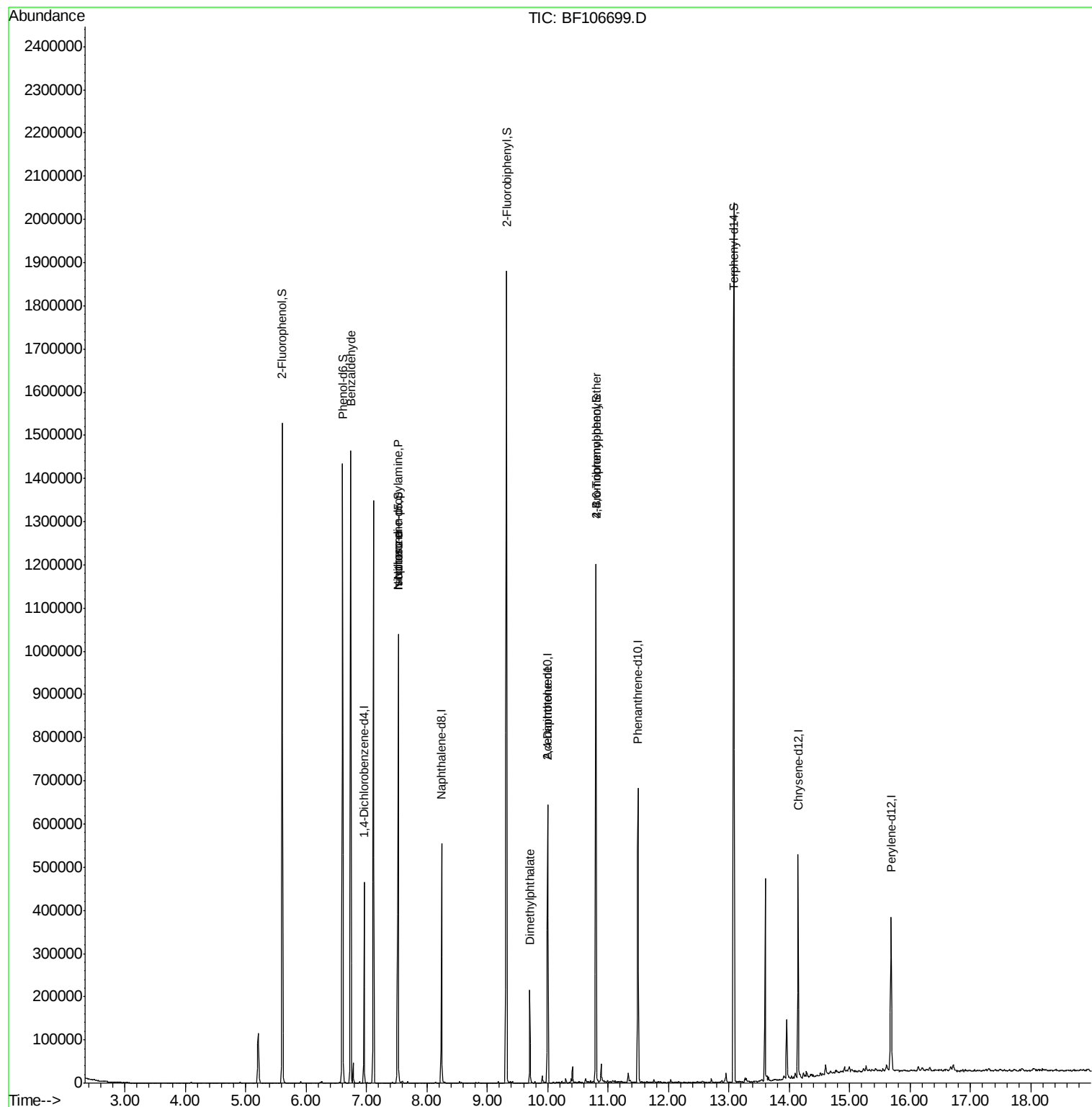
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	62091	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	237243	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	124979	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	254155	20.00	ng	0.00
75) Chrysene-d12	14.15	240	194707	20.00	ng	0.00
86) Perylene-d12	15.68	264	180214	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	441103	120.30	ng	0.00
7) Phenol-d6	6.61	99	559772	122.24	ng	0.00
23) Nitrobenzene-d5	7.52	82	373009	87.38	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	205531	141.89	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	661660	90.58	ng	0.00
78) Terphenyl-d14	13.08	244	801511	99.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	9853	2.551	ng	83
19) n-Nitroso-di-n-propylamine	7.52	70	48557	16.087	ng	# 72
25) Isophorone	7.52	82	373047	49.590	ng	# 64
49) Dimethylphthalate	9.71	163	79805	8.514	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	15537	5.997	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	12859	4.239	ng	# 1

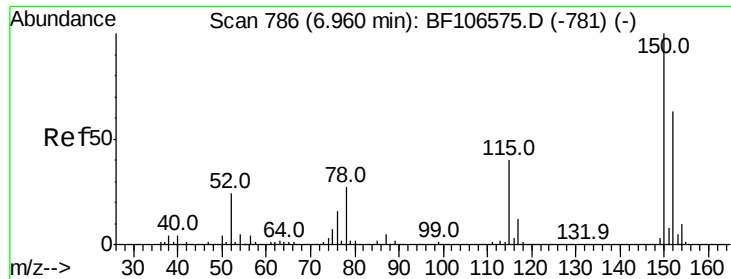
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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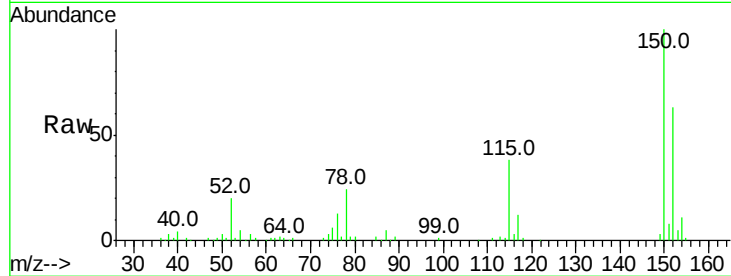


#1

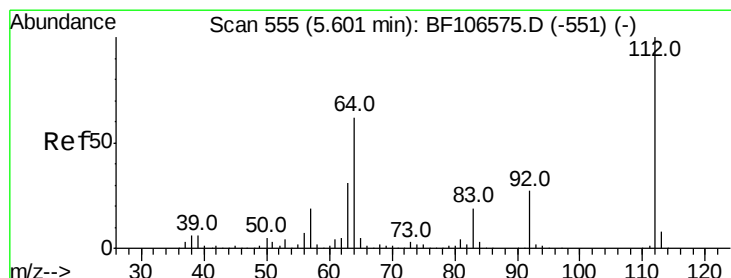
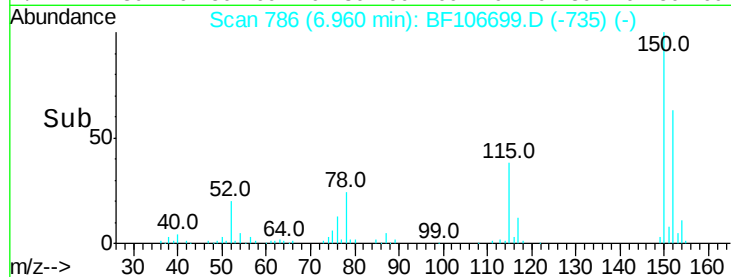
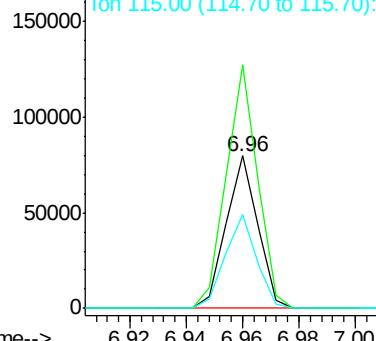
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106699.D
Acq: 22 Jun 2018 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62091
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 61.2 50.1 75.1



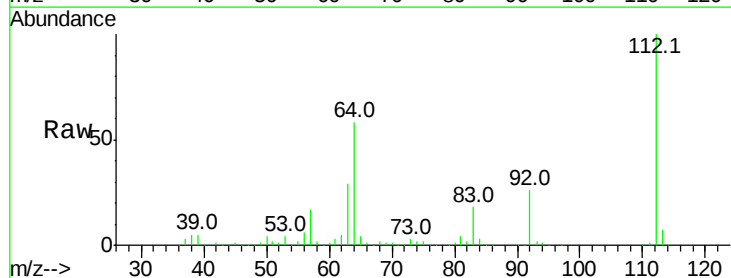
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



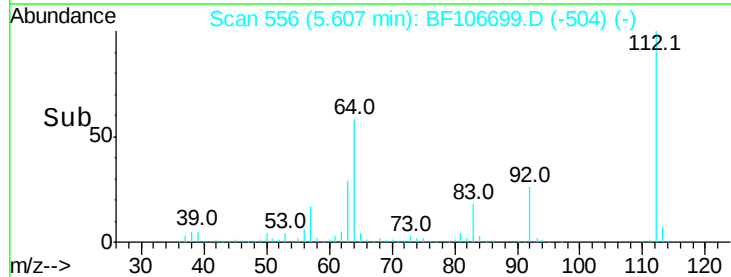
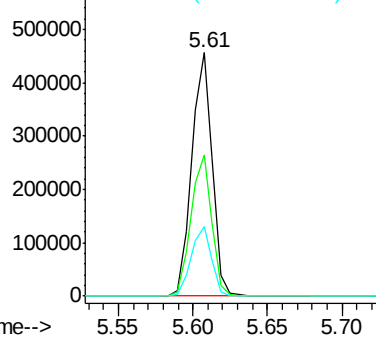
#5

2-Fluorophenol
Concen: 120.296 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106699.D
Acq: 22 Jun 2018 10:51

Tgt Ion:112 Resp: 441103
Ion Ratio Lower Upper
112 100
64 57.7 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: 122.244 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF106699.D

Acq: 22 Jun 2018 10:51

Instrument :

BNA_F

ClientSampleId :

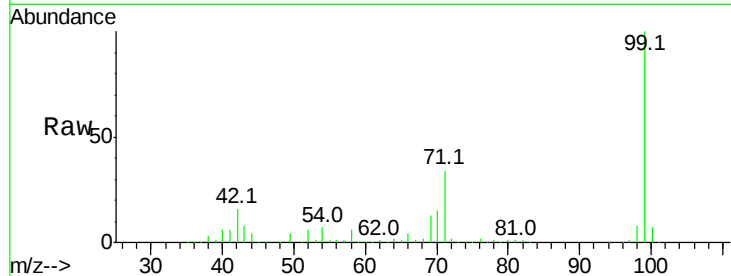
Tot Ion: 99 Resp: 559772

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

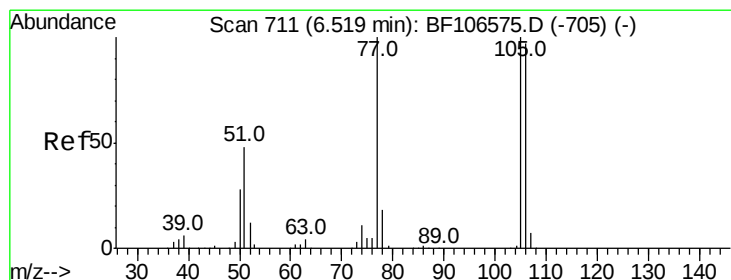
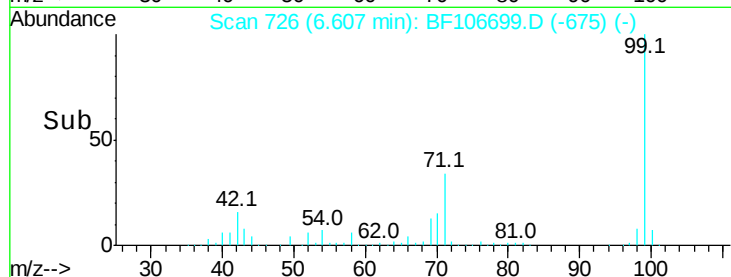
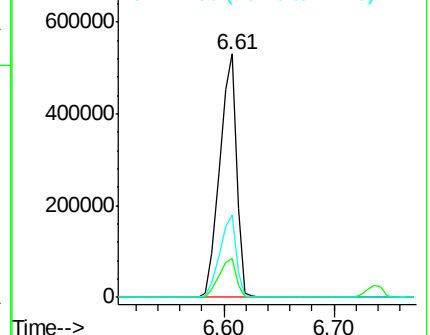
71 33.8 25.4 38.0



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: 2.551 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106699.D

Acq: 22 Jun 2018 10:51

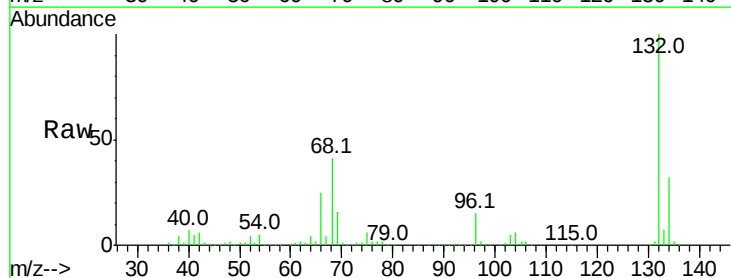
Tgt Ion: 77 Resp: 9853

Ion Ratio Lower Upper

77 100

105 82.0 81.1 121.1

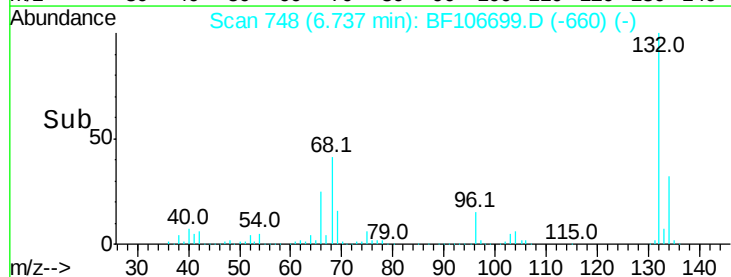
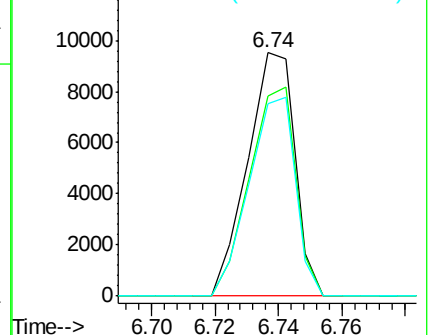
106 79.3 74.5 114.5

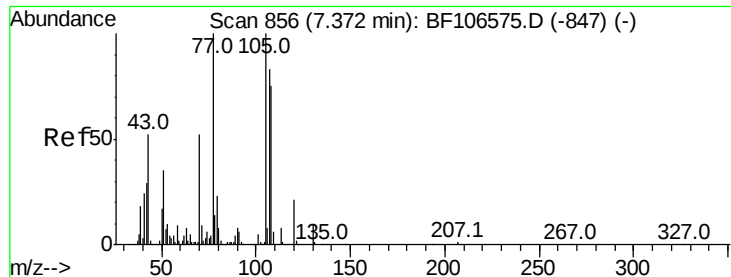


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

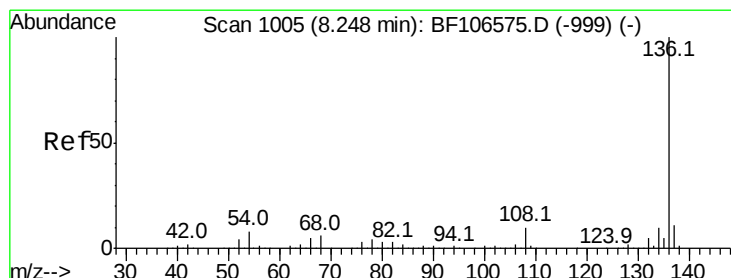
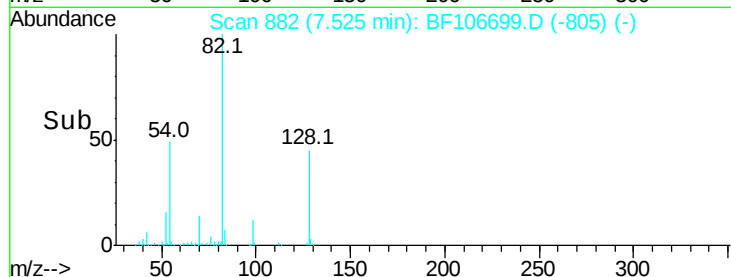
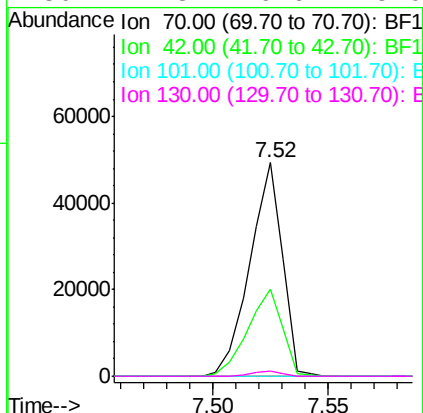
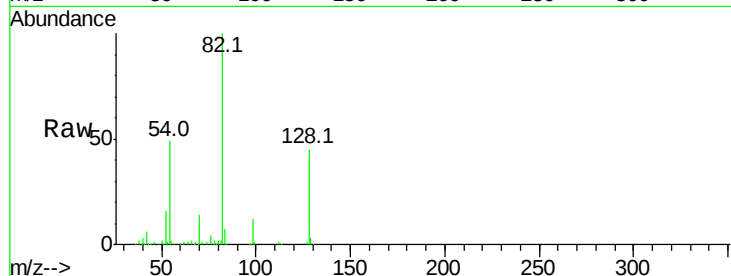




#19
n-Nitroso-di-n-propylamine
Concen: 16.087 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106699.D
Acq: 22 Jun 2018 10:51

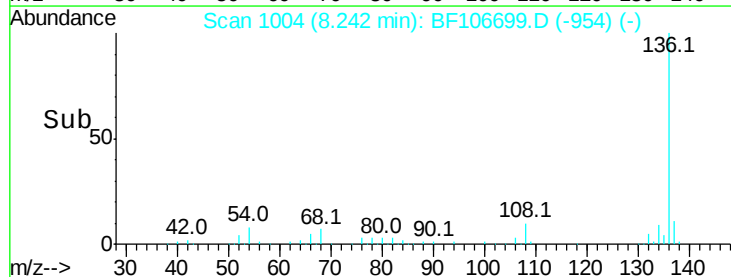
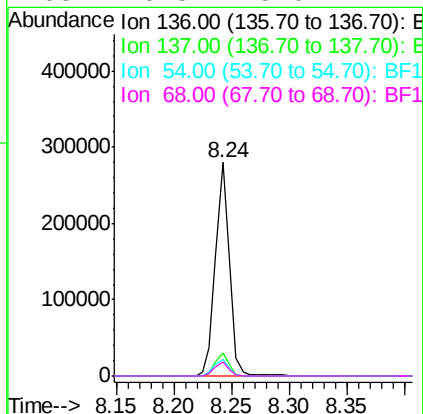
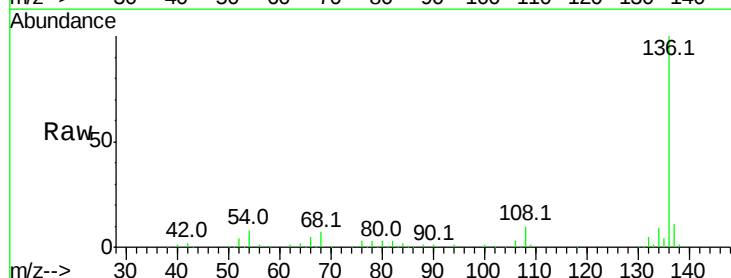
Instrument :
BNA_F
ClientSampleId :

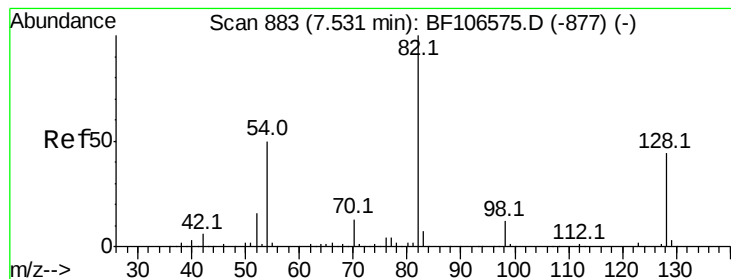
Tot Ion: 70 Resp: 48557
Ion Ratio Lower Upper
70 100
42 40.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106699.D
Acq: 22 Jun 2018 10:51

Tgt Ion: 136 Resp: 237243
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.0 6.6 9.8
68 6.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 87.376 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106699.D

Acq: 22 Jun 2018 10:51

Instrument :

BNA_F

ClientSampled :

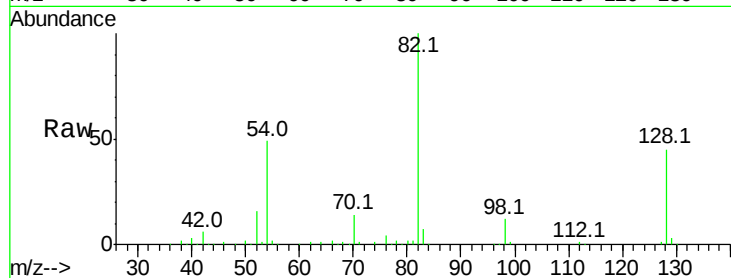
Tot Ion: 82 Resp: 373009

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

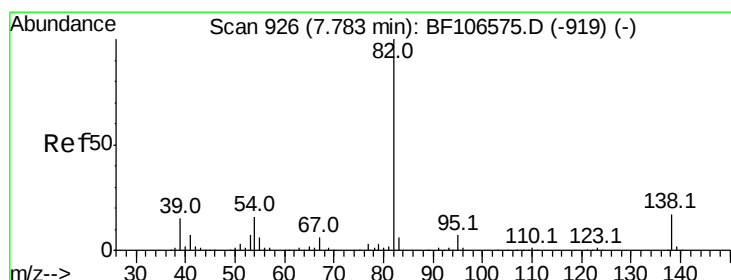
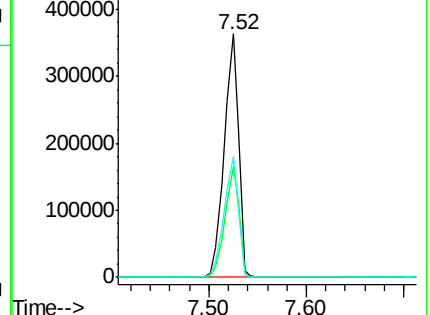
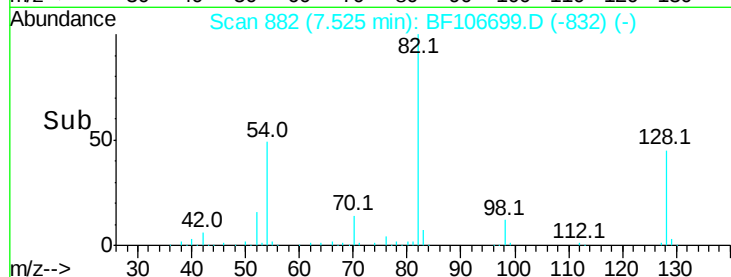
54 49.4 41.4 62.2



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: 49.590 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106699.D

Acq: 22 Jun 2018 10:51

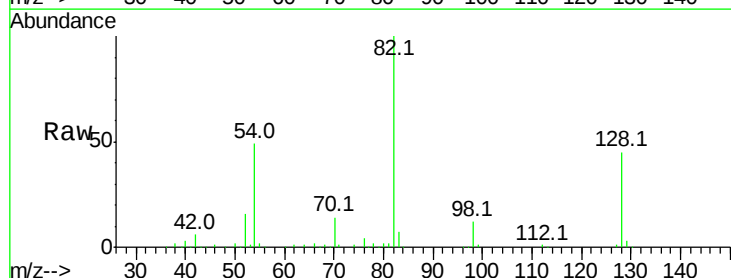
Tgt Ion: 82 Resp: 373047

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

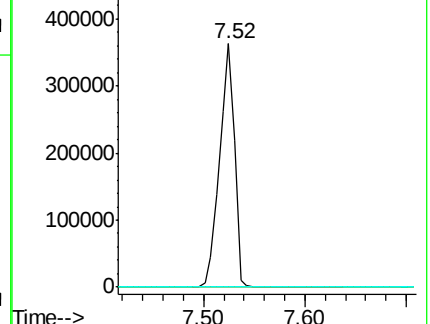
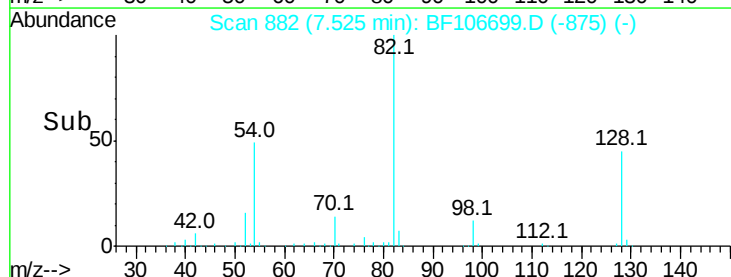
138 0.0 14.9 22.3#

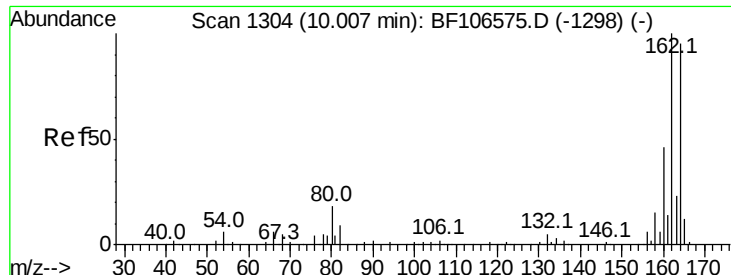


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

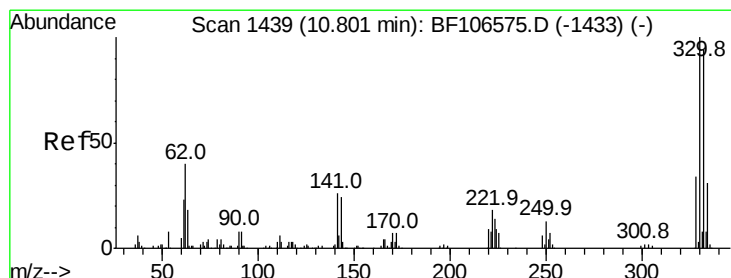
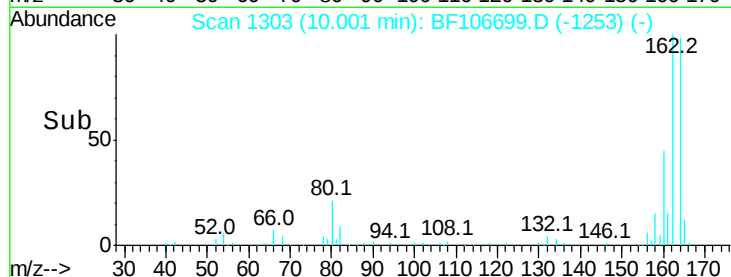
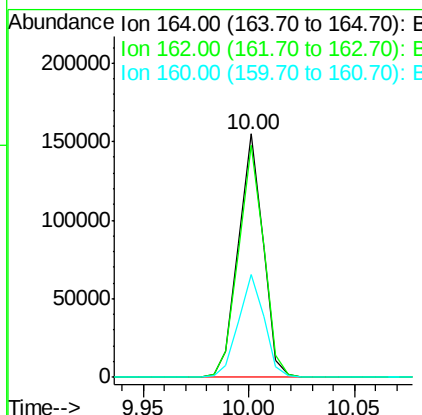
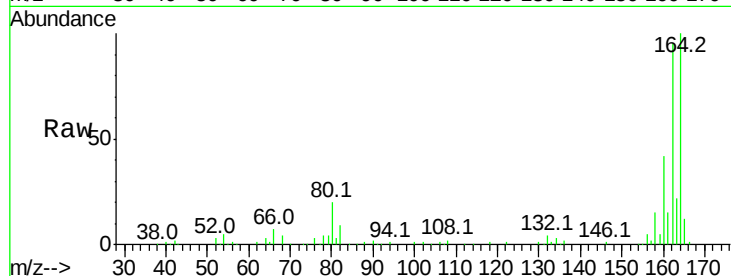




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106699.D
Acq: 22 Jun 2018 10:51

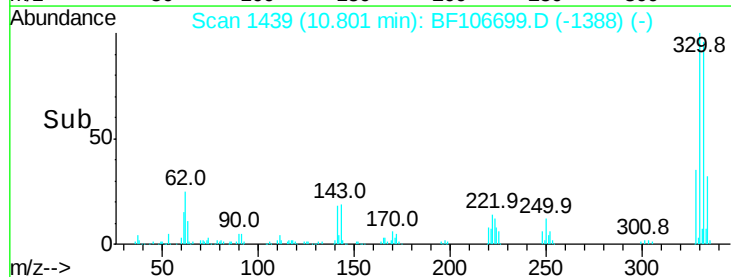
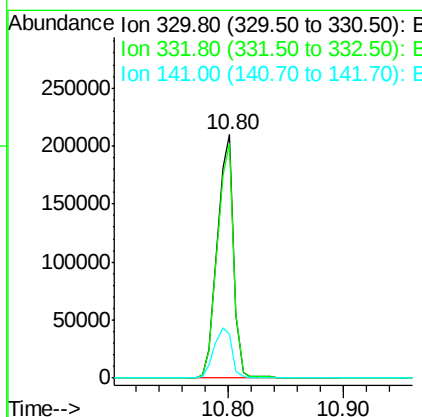
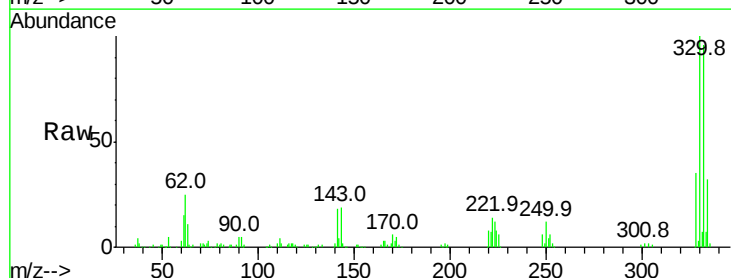
Instrument :
BNA_F
ClientSampleId :

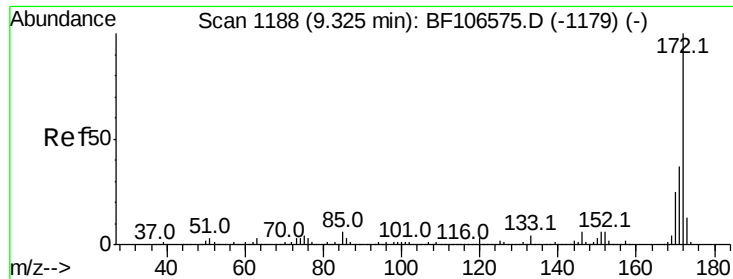
Tot Ion:164 Resp: 124979
Ion Ratio Lower Upper
164 100
162 95.5 86.1 129.1
160 42.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 141.888 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF106699.D
Acq: 22 Jun 2018 10:51

Tgt Ion:330 Resp: 205531
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 22.6 29.9 44.9#

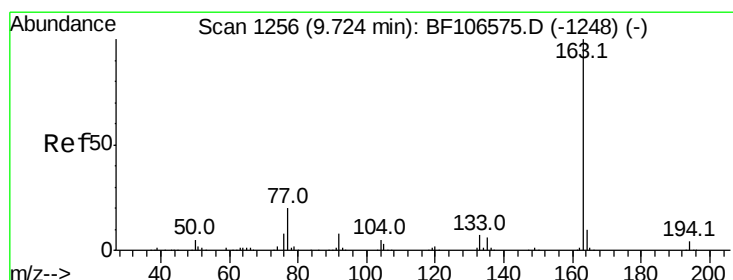
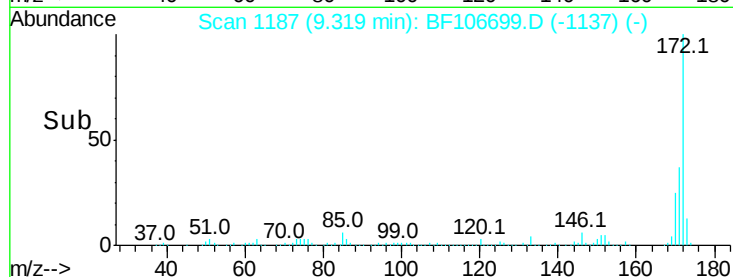
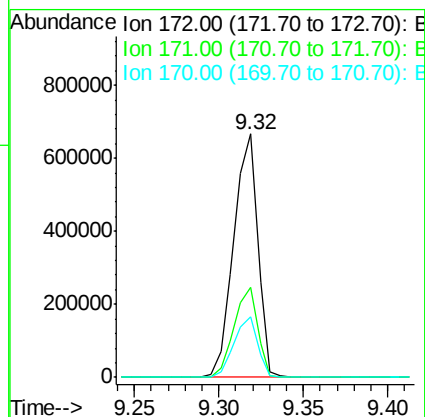
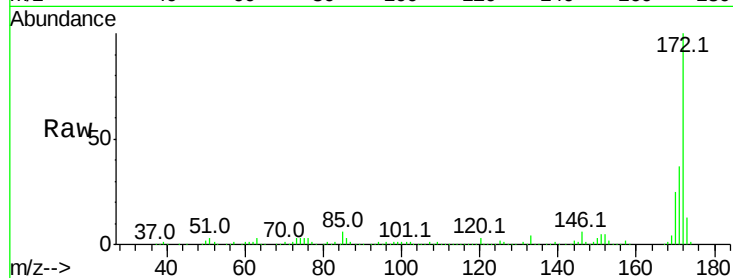




#44
2-Fluorobiphenyl
Concen: 90.579 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106699.D
Acq: 22 Jun 2018 10:51

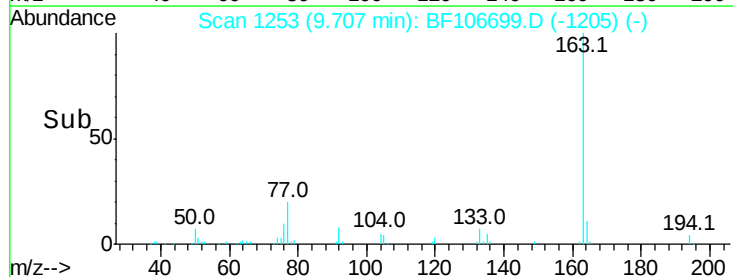
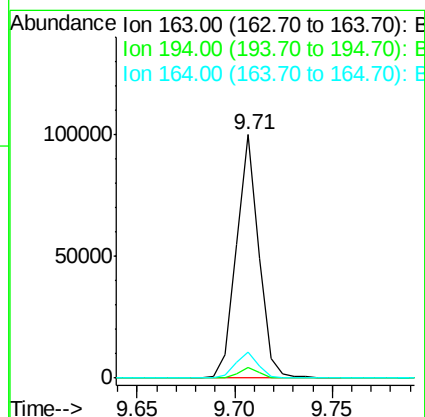
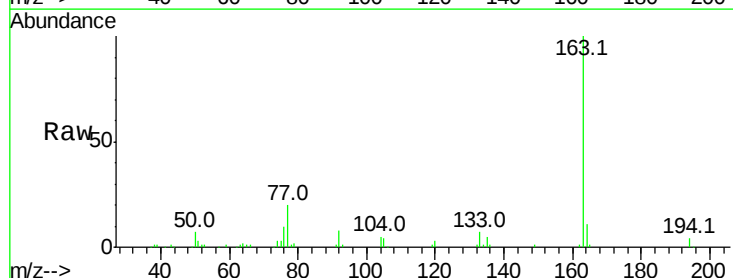
Instrument :
BNA_F
ClientSampleId :

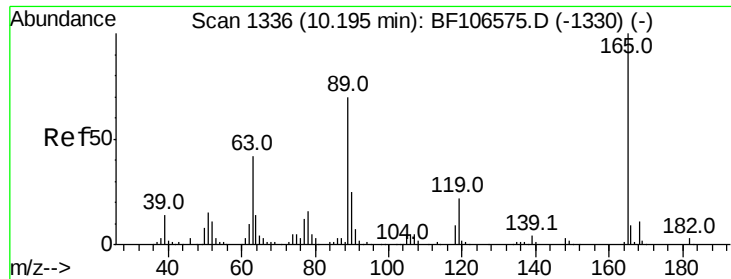
Tot Ion:172 Resp: 661660
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.7 19.6 29.4



#49
Dimethylphthalate
Concen: 8.514 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106699.D
Acq: 22 Jun 2018 10:51

Tgt Ion:163 Resp: 79805
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.9 8.2 12.2

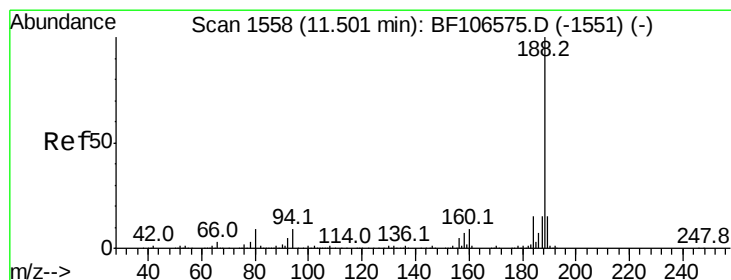
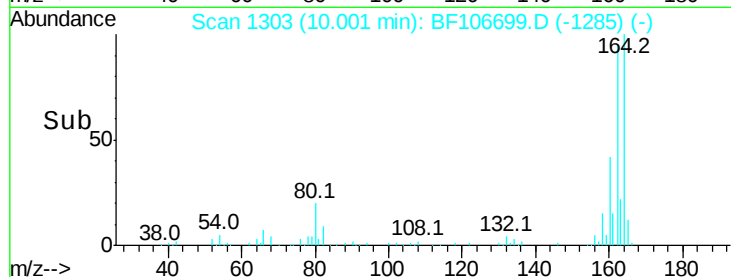
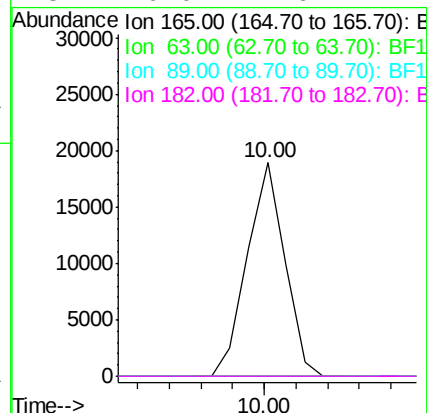
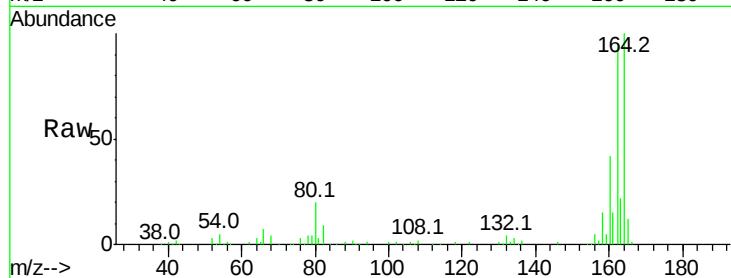




#56
 2,4-Dinitrotoluene
 Concen: 5.997 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF106699.D
 Acq: 22 Jun 2018 10:51

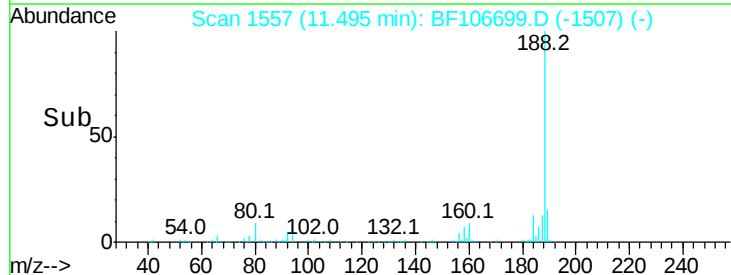
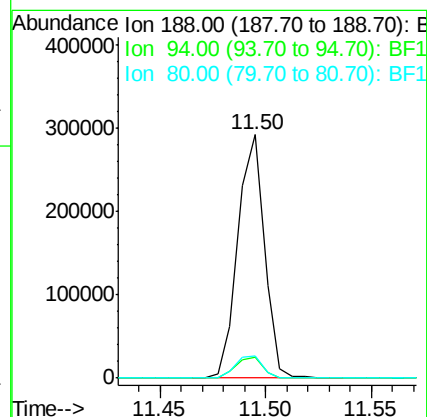
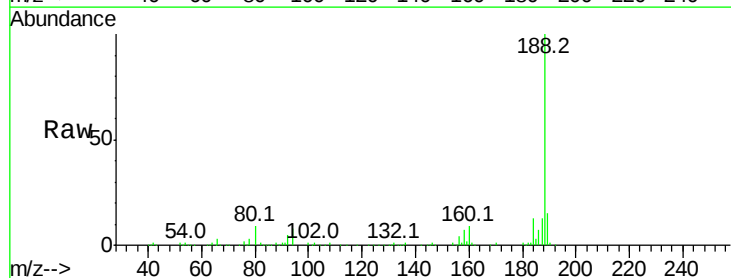
Instrument :
 BNA_F
 ClientSampleId :

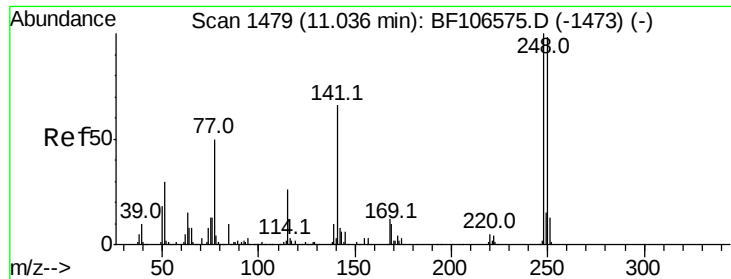
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106699.D
 Acq: 22 Jun 2018 10:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.1	9.2	13.8#

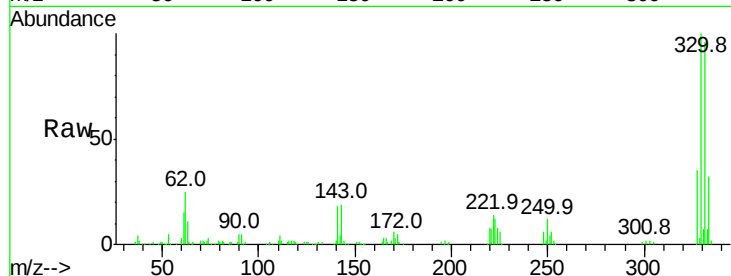




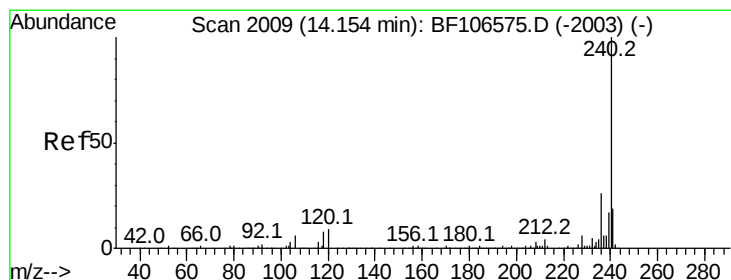
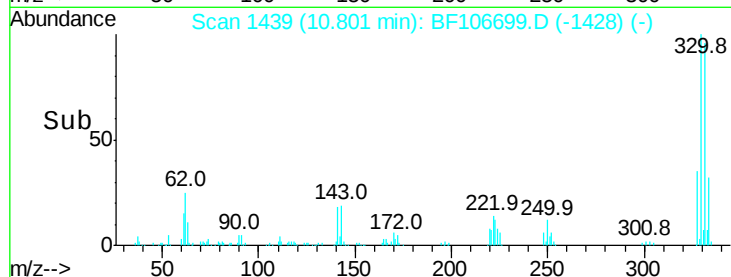
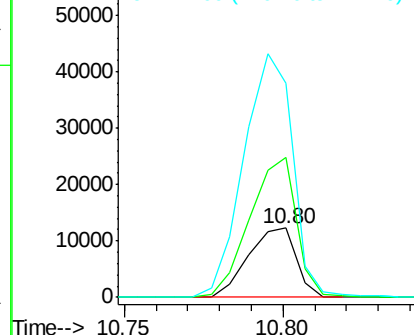
#66
4-Bromophenyl-phenylether
Concen: 4.239 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106699.D
Acq: 22 Jun 2018 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12859
Ion Ratio Lower Upper
248 100
250 201.5 76.9 115.3#
141 309.6 74.4 111.6#

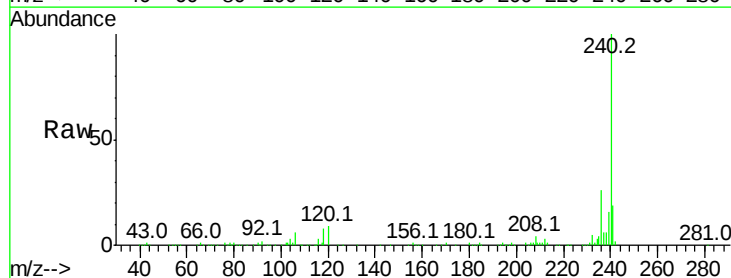


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

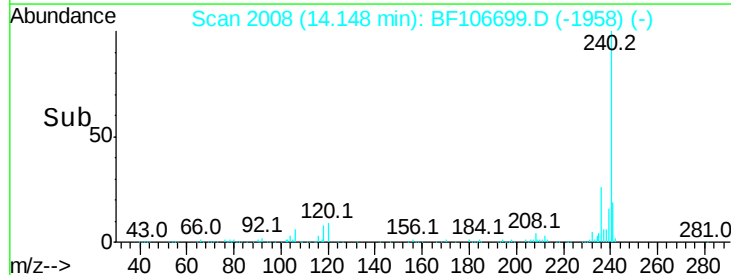
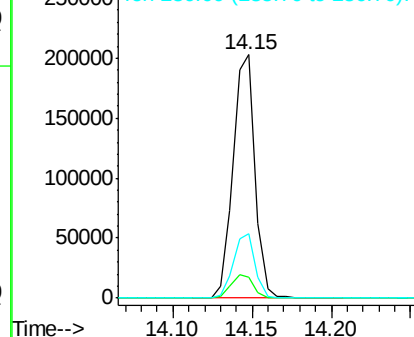


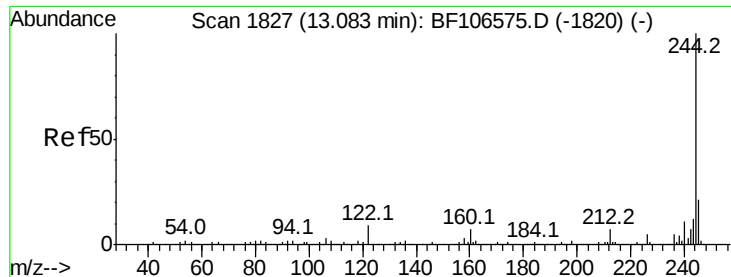
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106699.D
Acq: 22 Jun 2018 10:51

Tgt Ion:240 Resp: 194707
Ion Ratio Lower Upper
240 100
120 8.5 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: 99.714 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106699.D

Acq: 22 Jun 2018 10:51

Instrument :

BNA_F

ClientSampleId :

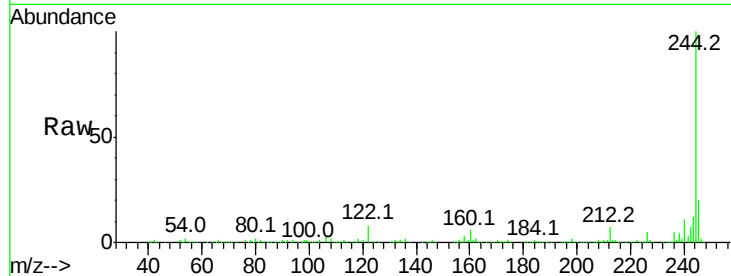
Tot Ion:244 Resp: 801511

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

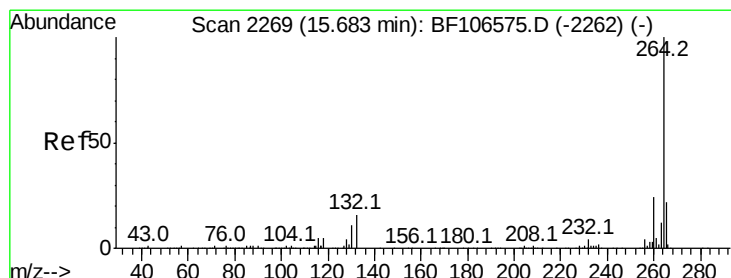
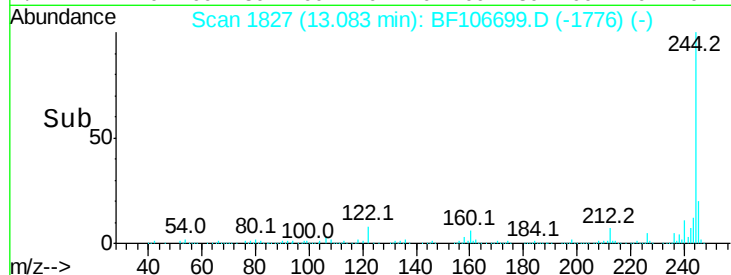
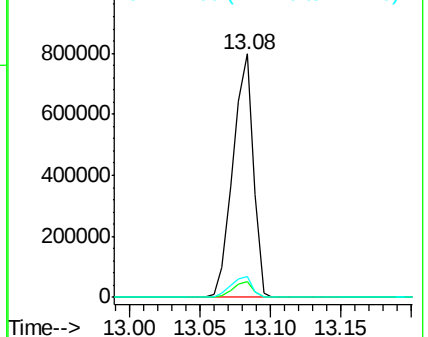
122 8.5 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF106699.D

Acq: 22 Jun 2018 10:51

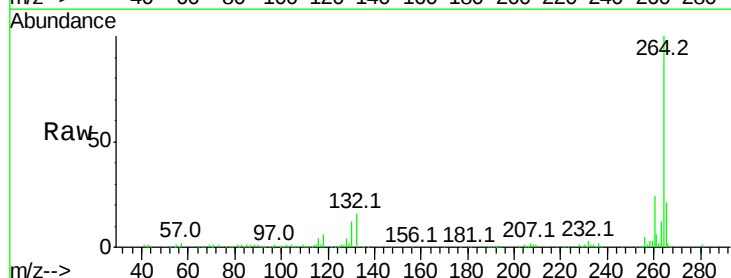
Tgt Ion:264 Resp: 180214

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.4 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

