

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106698.D
 Acq On : 22 Jun 2018 10:25
 Operator : JU/SJ
 Sample : PB110463BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 11:35:01 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

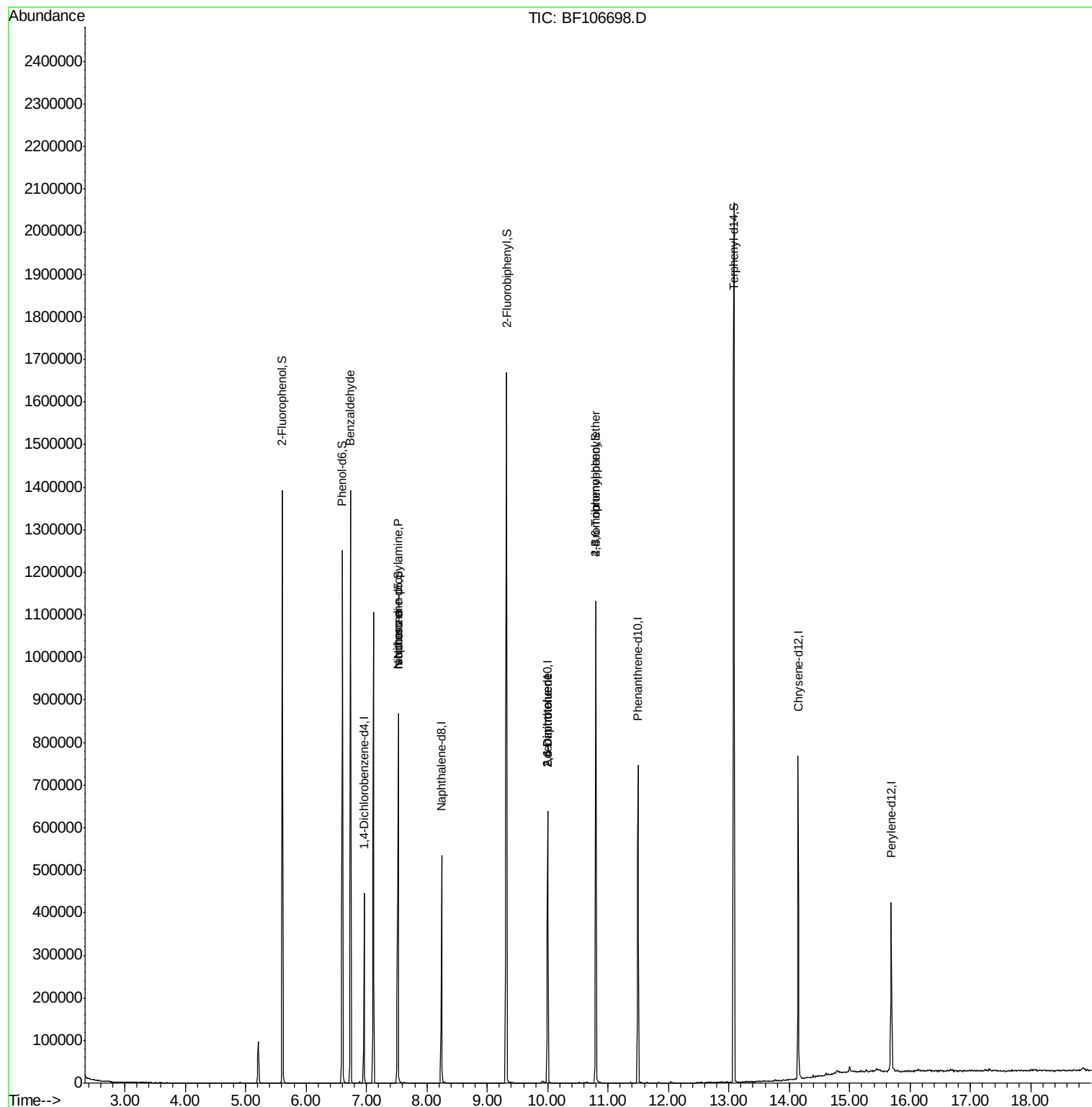
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	62569	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	244810	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	131035	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	283098	20.00	ng	0.00
75) Chrysene-d12	14.15	240	259811	20.00	ng	0.00
86) Perylene-d12	15.69	264	209726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	385646	104.37	ng	0.00
7) Phenol-d6	6.60	99	487975	105.75	ng	0.00
23) Nitrobenzene-d5	7.52	82	318965	72.41	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	185851	122.37	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	610144	77.52	ng	0.00
78) Terphenyl-d14	13.08	244	823108	76.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	8809	2.270	ng	86
19) n-Nitroso-di-n-propylamine	7.52	70	41332	13.589	ng	# 73
25) Isophorone	7.52	82	318959	41.090	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	16401	7.881	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	16401	6.038	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	11417	3.379	ng	# 1

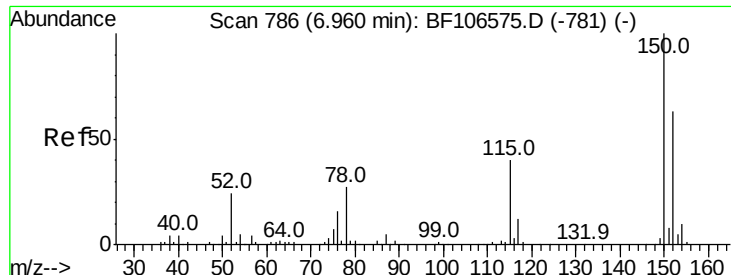
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



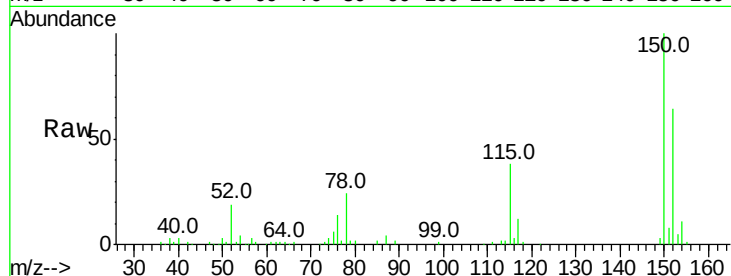


#1

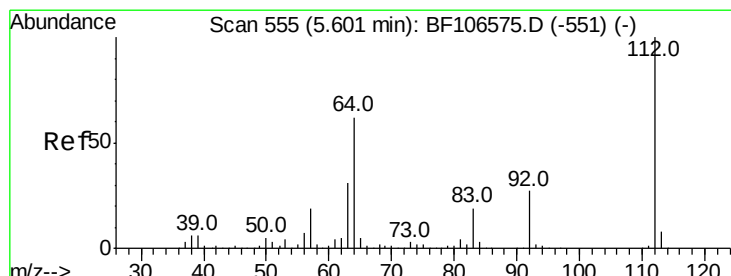
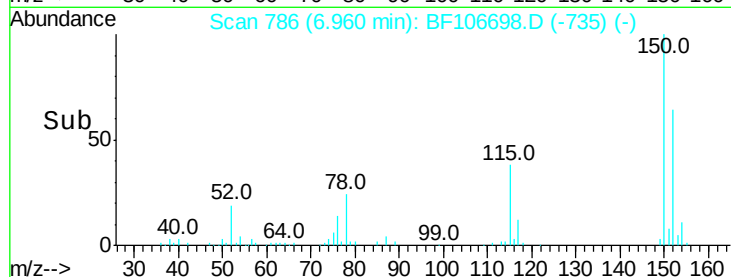
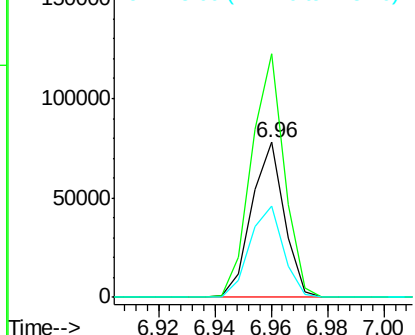
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62569
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 59.0 50.1 75.1



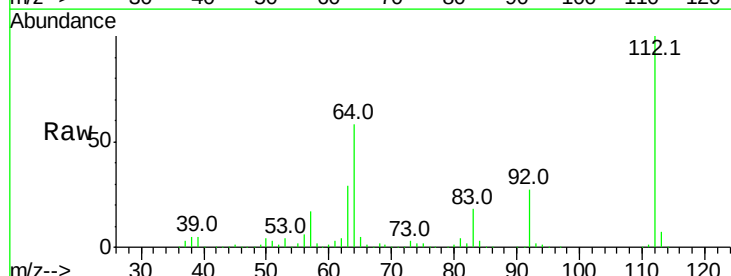
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



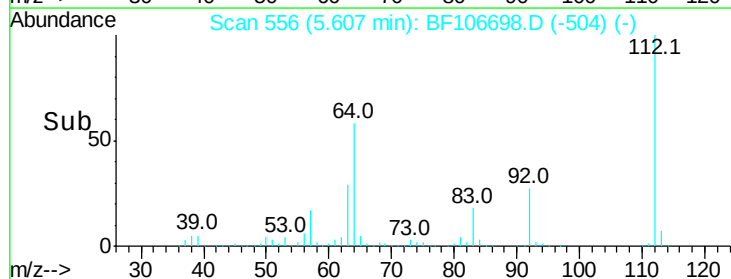
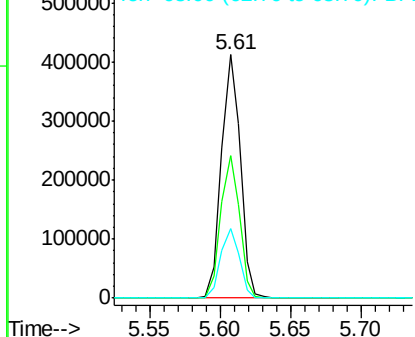
#5

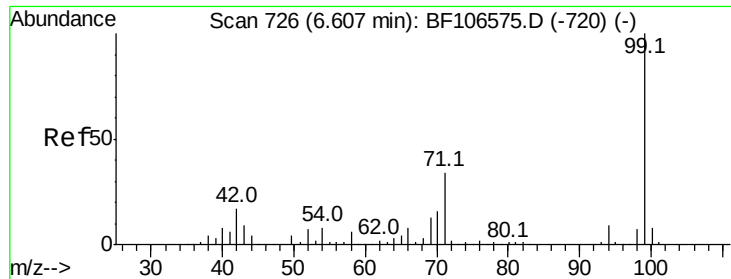
2-Fluorophenol
Concen: 104.368 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

Tgt Ion:112 Resp: 385646
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 28.6 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: 105.750 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106698.D

Acq: 22 Jun 2018 10:25

Instrument :

BNA_F

ClientSampled :

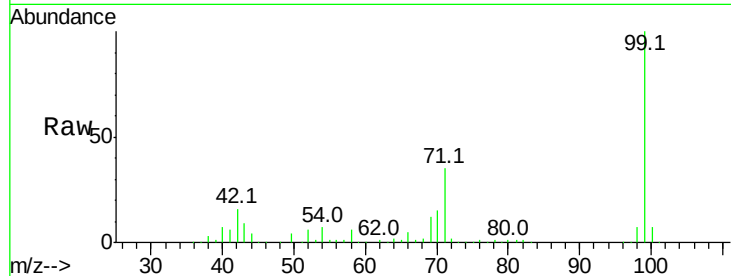
Tot Ion: 99 Resp: 487975

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

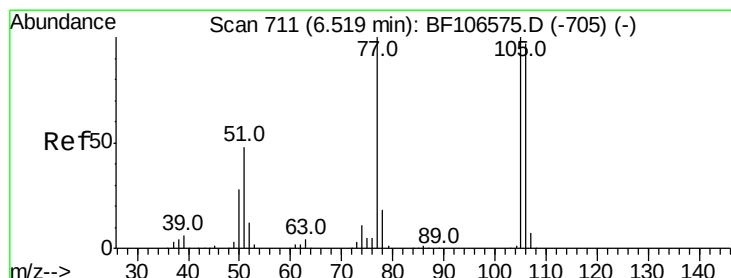
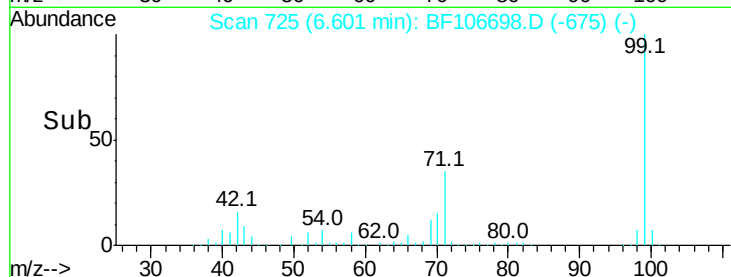
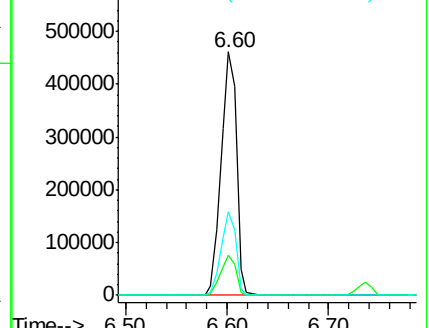
71 34.5 25.4 38.0



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: 2.270 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106698.D

Acq: 22 Jun 2018 10:25

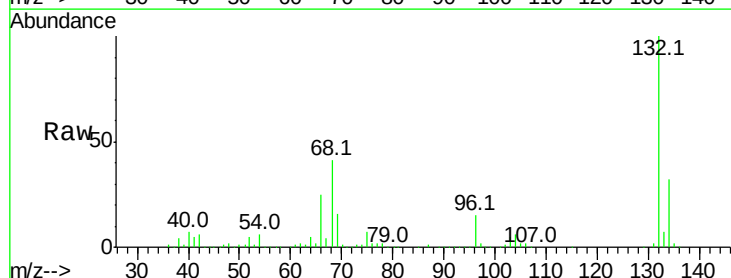
Tgt Ion: 77 Resp: 8809

Ion Ratio Lower Upper

77 100

105 85.0 81.1 121.1

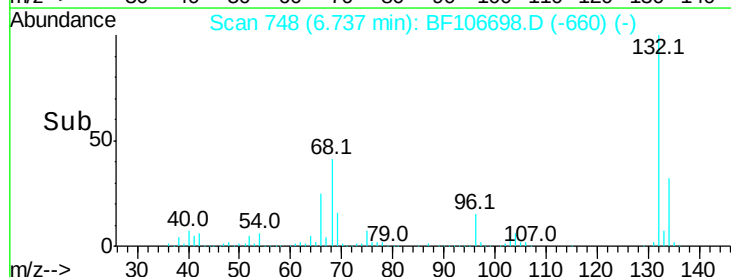
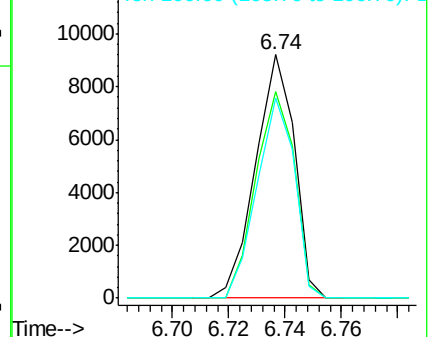
106 82.4 74.5 114.5

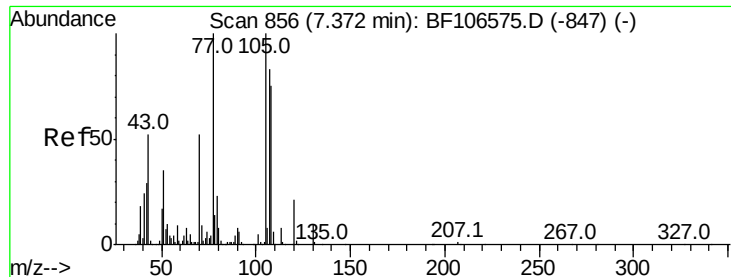


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

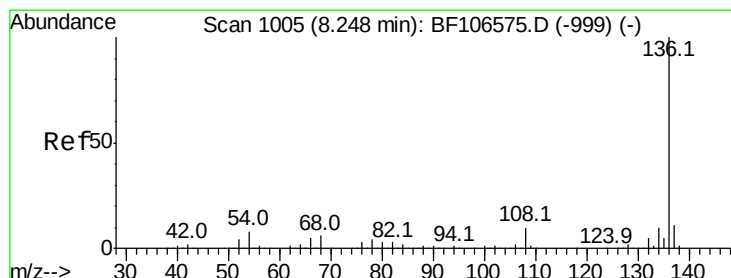
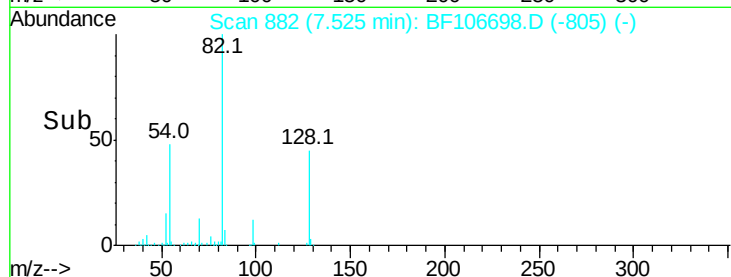
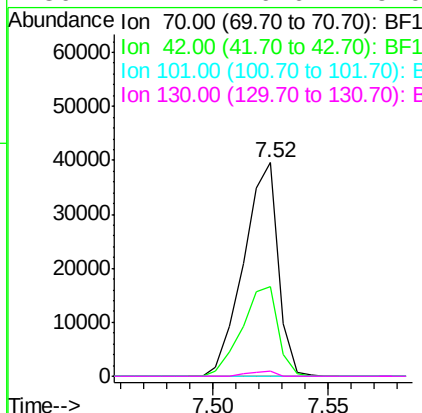
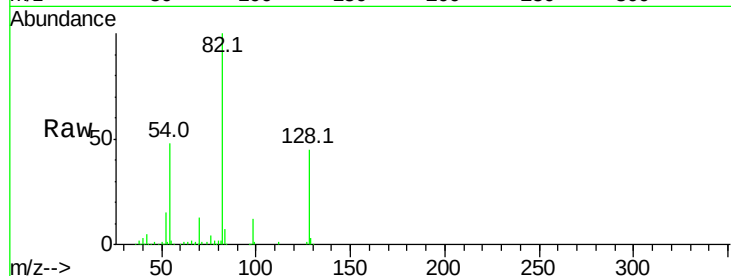




#19
n-Nitroso-di-n-propylamine
Concen: 13.589 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

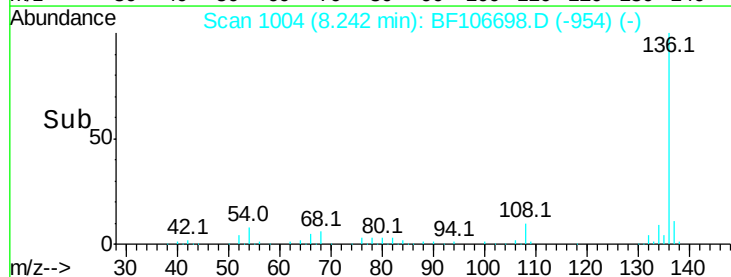
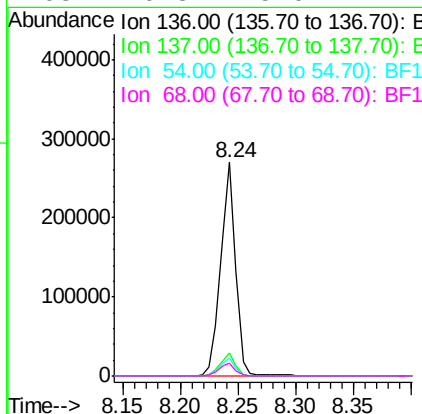
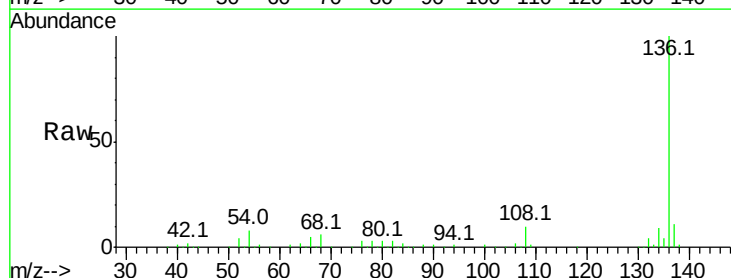
Instrument :
BNA_F
ClientSampleId :

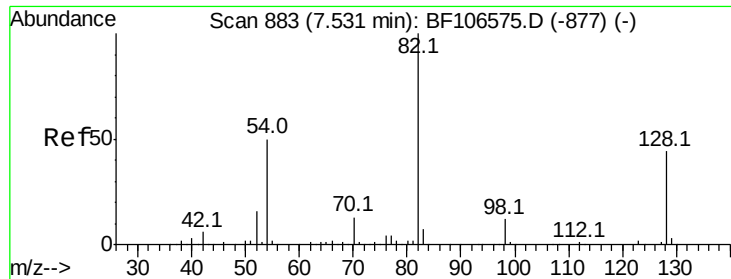
Tot Ion: 70 Resp: 41332
Ion Ratio Lower Upper
70 100
42 42.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

Tgt Ion: 136 Resp: 244810
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.2 6.6 9.8
68 6.3 5.0 7.4

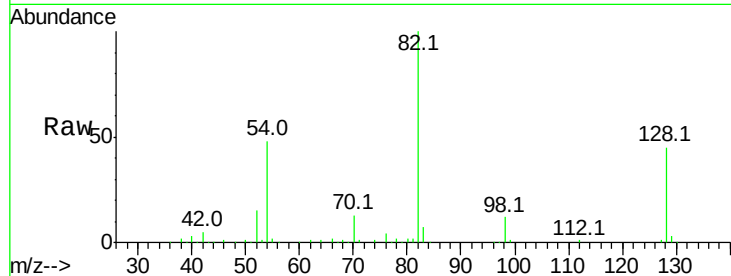




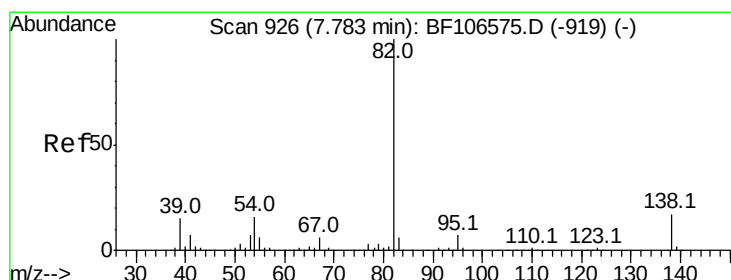
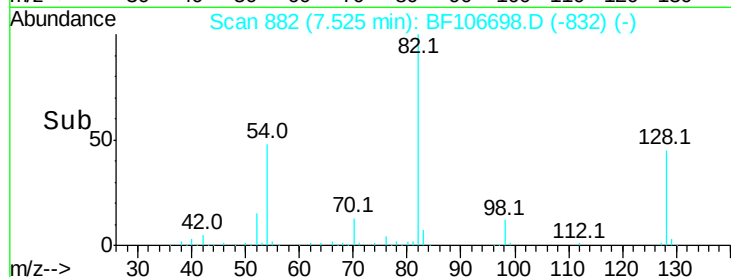
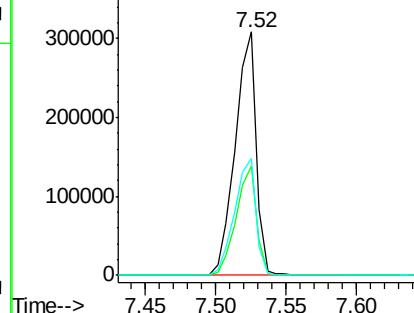
#23
Nitrobenzene-d5
Concen: 72.407 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	48.0	41.4	62.2

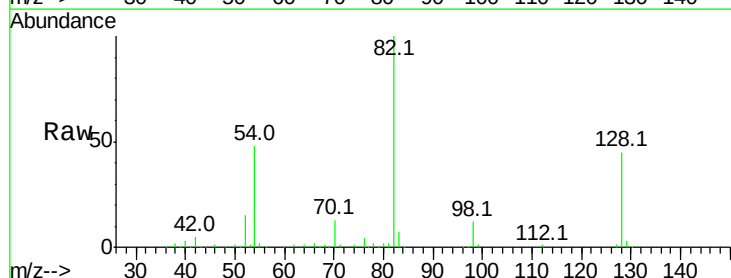


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

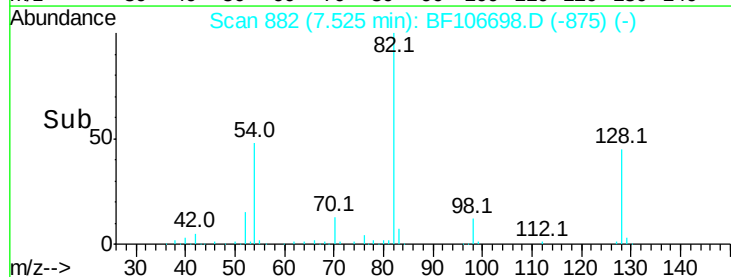
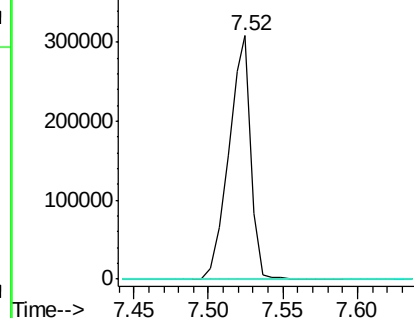


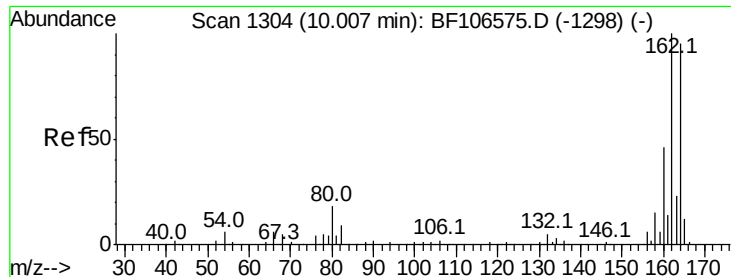
#25
Isophorone
Concen: 41.090 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

Tgt 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

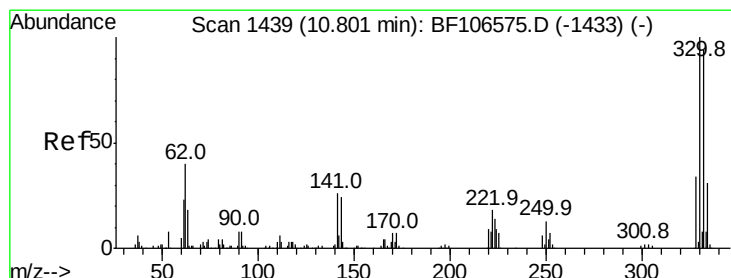
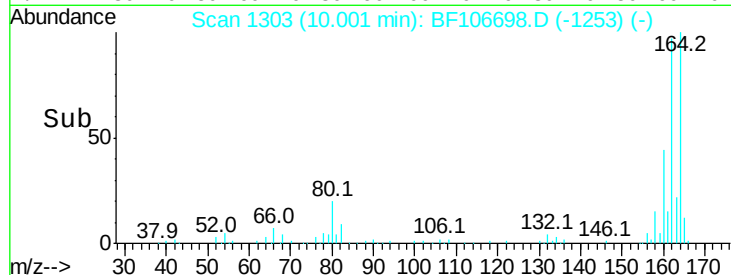
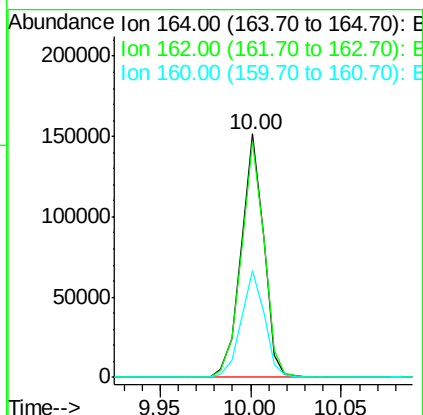
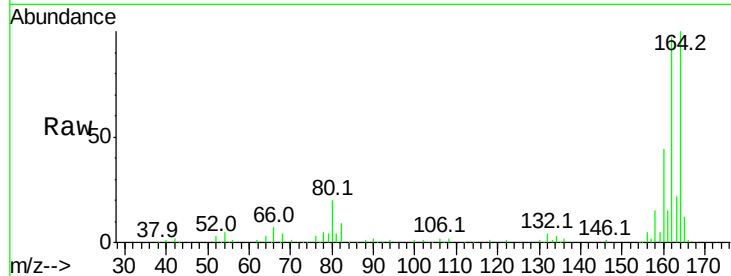




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

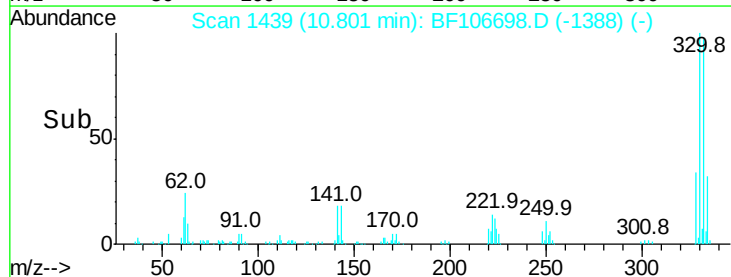
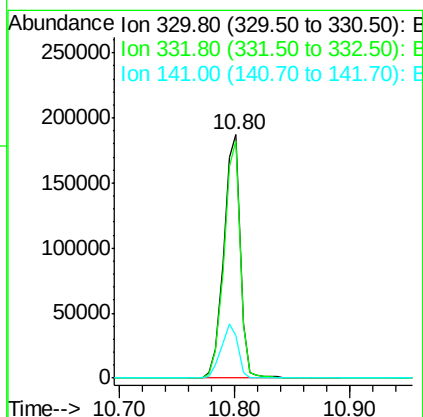
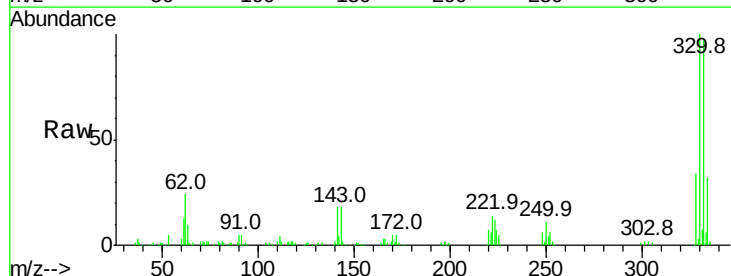
Instrument :
BNA_F
ClientSampleId :

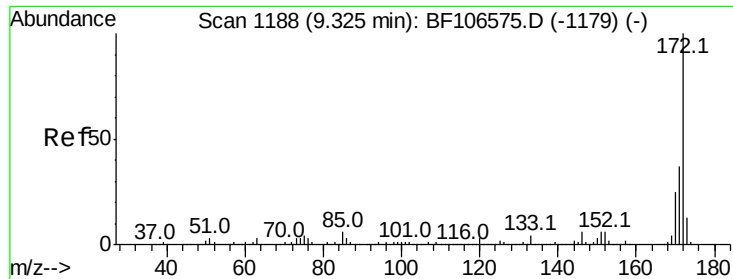
Tot Ion:164 Resp: 131035
Ion Ratio Lower Upper
164 100
162 97.1 86.1 129.1
160 43.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 122.373 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

Tgt Ion:330 Resp: 185851
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 22.8 29.9 44.9#

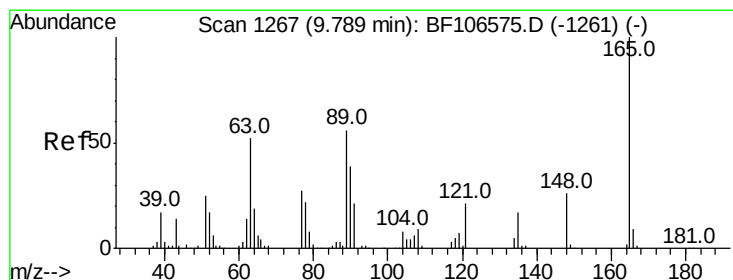
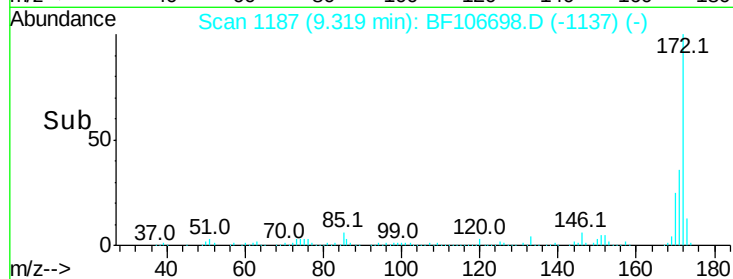
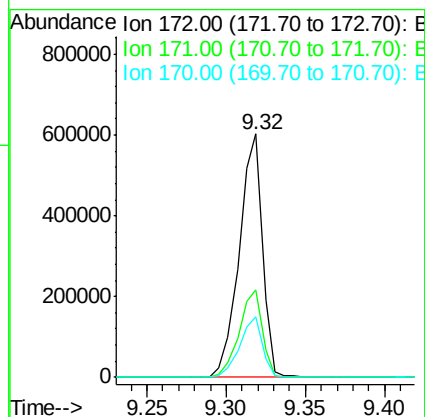
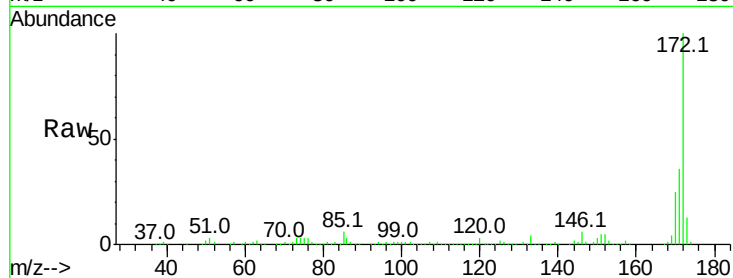




#44
 2-Fluorobiphenyl
 Concen: 77.516 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106698.D
 Acq: 22 Jun 2018 10:25

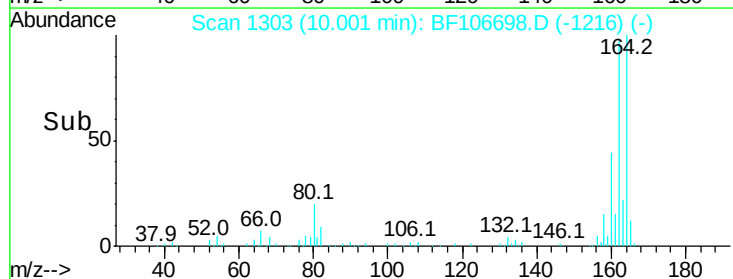
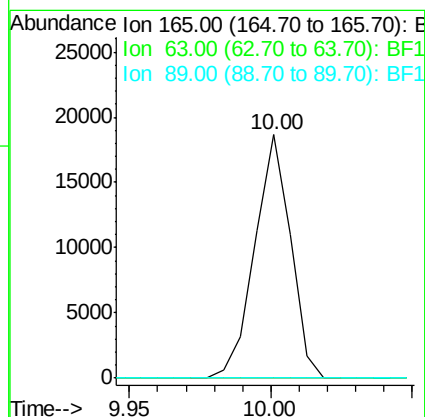
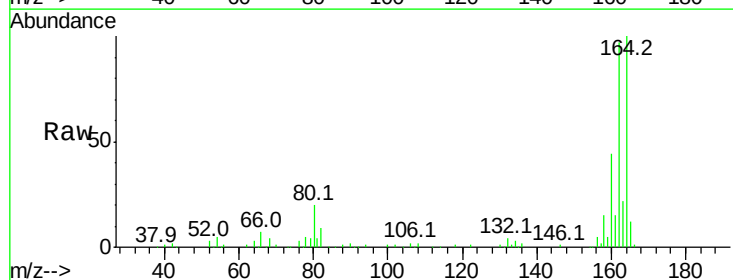
Instrument :
 BNA_F
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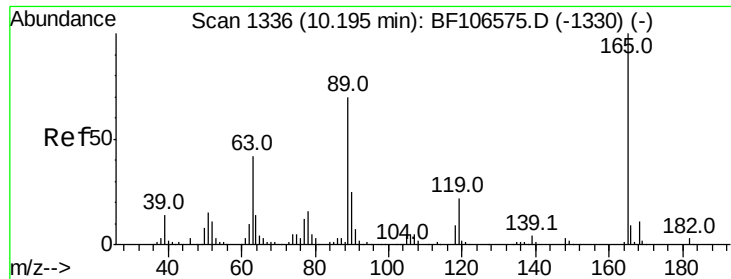
Tot Ion:172 Resp: 610144
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.881 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF106698.D
 Acq: 22 Jun 2018 10:25

Tgt Ion:165 Resp: 16401
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

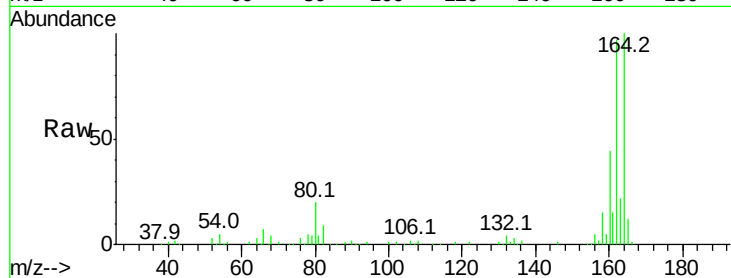




#56
2,4-Dinitrotoluene
Concen: 6.038 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 16401
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#

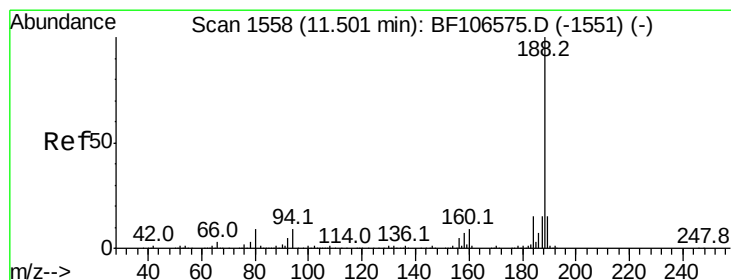
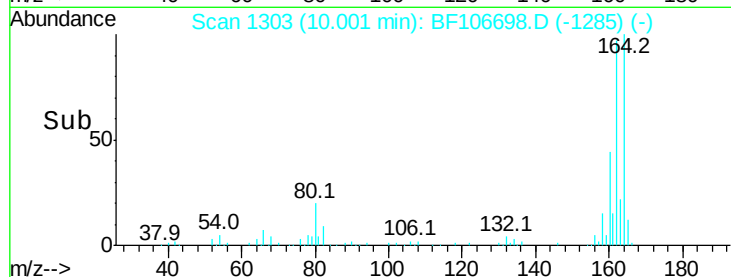
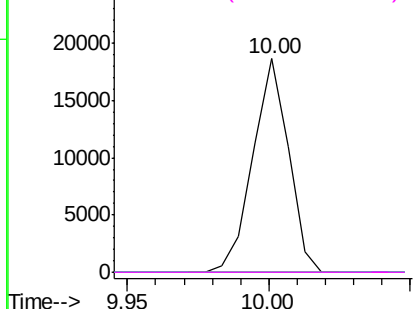


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

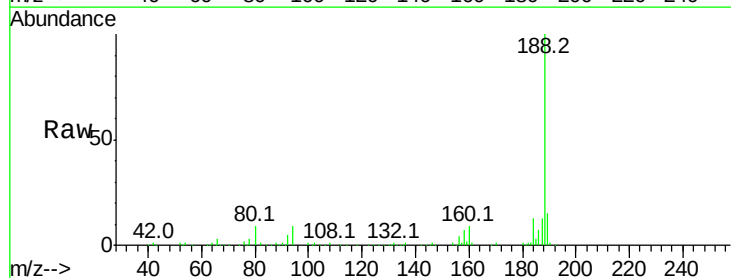
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

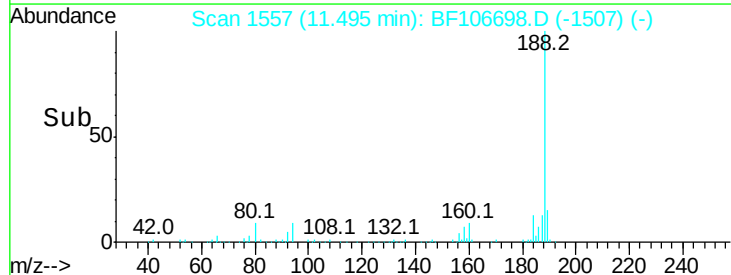
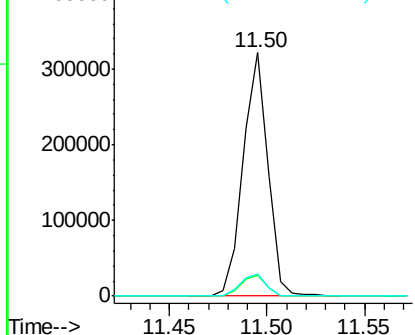
Tgt Ion:188 Resp: 283098
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.2 9.2 13.8#

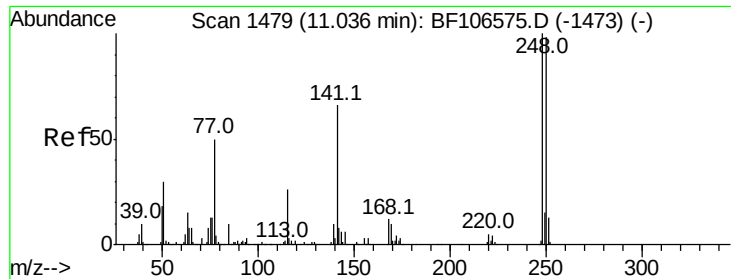


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

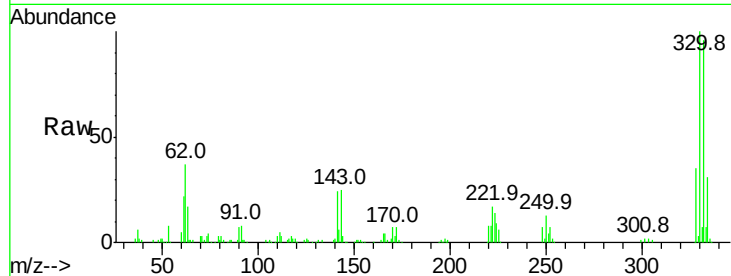




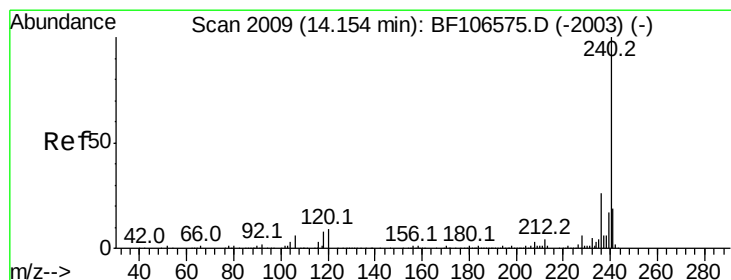
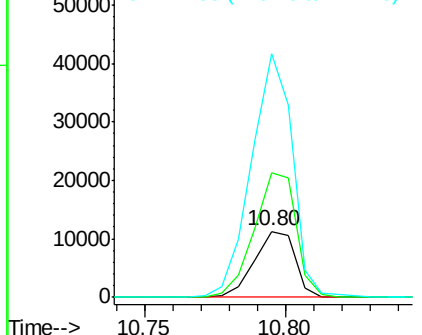
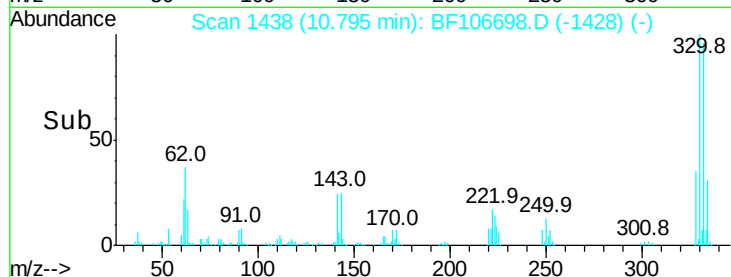
#66
4-Bromophenyl-phenylether
Concen: 3.379 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11417
Ion Ratio Lower Upper
248 100
250 188.6 76.9 115.3#
141 368.2 74.4 111.6#

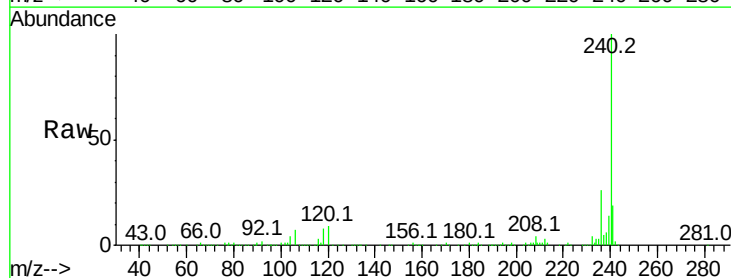


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

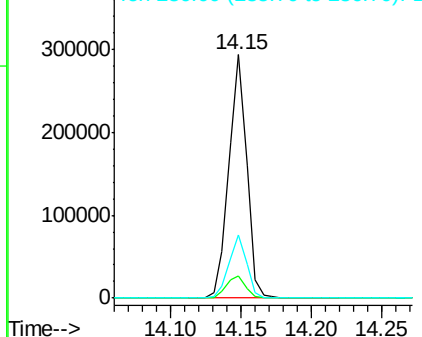
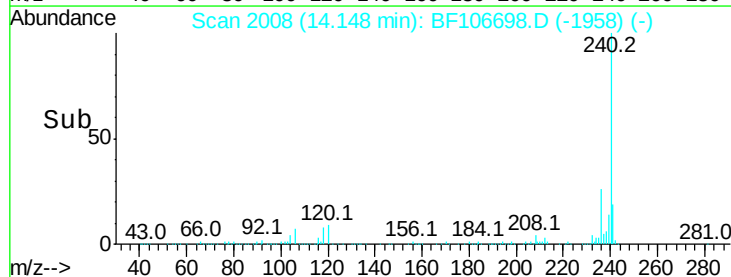


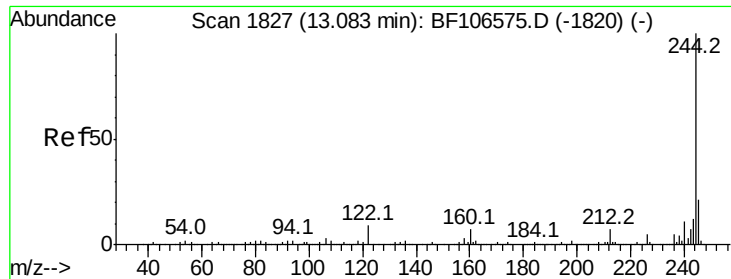
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

Tgt Ion:240 Resp: 259811
Ion Ratio Lower Upper
240 100
120 9.2 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: 76.741 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106698.D

Acq: 22 Jun 2018 10:25

Instrument :

BNA_F

ClientSampleId :

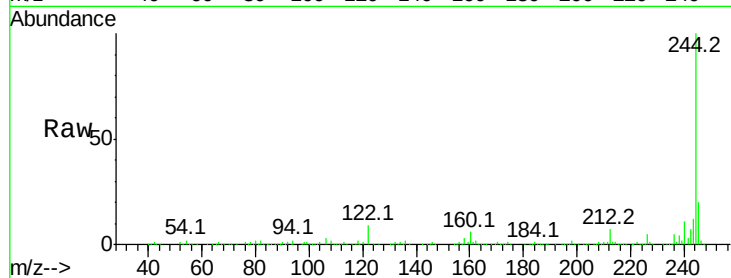
Tot Ion:244 Resp: 823108

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

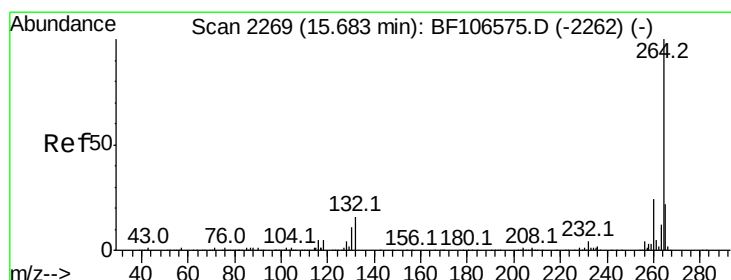
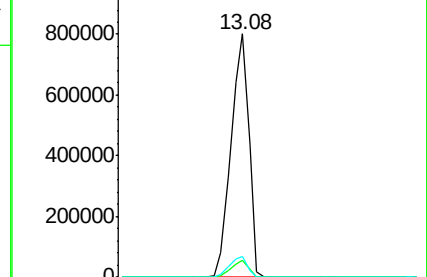
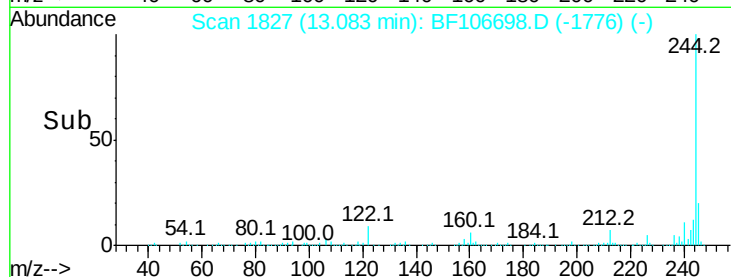
122 8.8 11.0 16.4#



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. 0.00 min

Lab File: BF106698.D

Acq: 22 Jun 2018 10:25

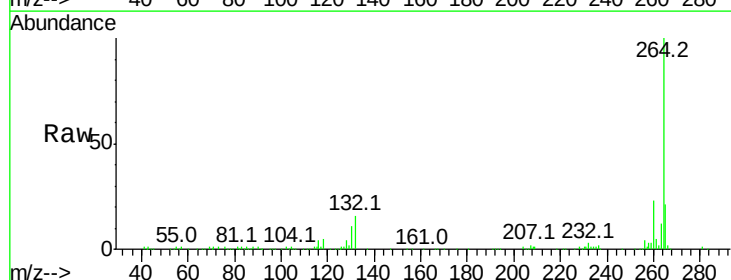
Tgt Ion:264 Resp: 209726

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.8 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

