

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106756.D
 Acq On : 23 Jun 2018 13:02
 Operator : JU/SJ
 Sample : J3596-01
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Quant Time: Jun 25 04:08:15 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

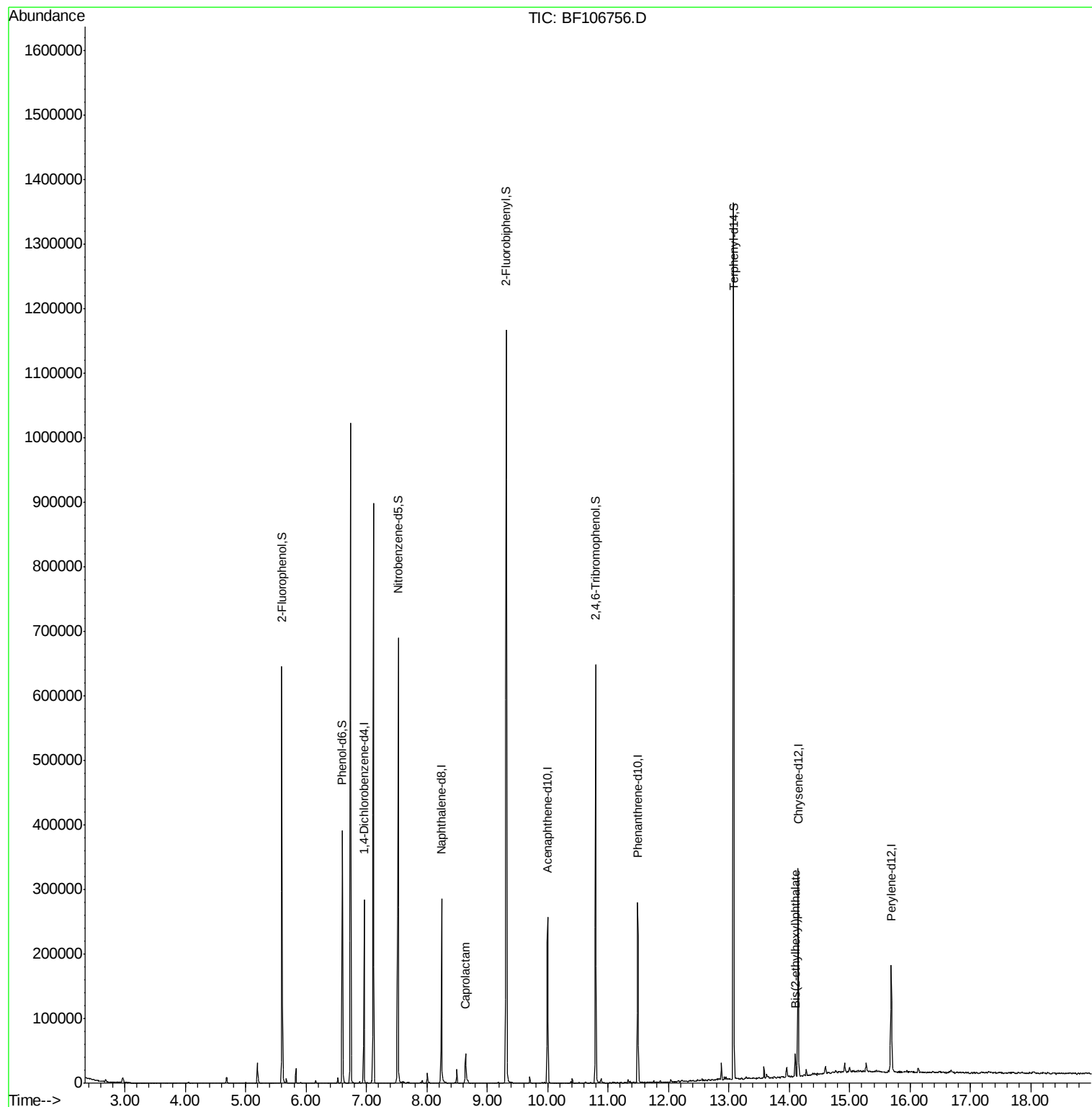
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	40982	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	131109	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	54003	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	108368	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	128470	20.00	ng	0.00
86) Perylene-d12	15.69	264	90862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	173281	71.60	ng	0.00
7) Phenol-d6	6.60	99	131807	43.61	ng	0.00
23) Nitrobenzene-d5	7.52	82	233106	98.81	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	95968	153.33	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	394497	131.76	ng	-0.01
78) Terphenyl-d14	13.08	244	490707	92.52	ng	0.00
Target Compounds						
35) Caprolactam	8.64	113	5482	9.140	ng	96
83) Bis(2-ethylhexyl)phthalate	14.10	149	9346	2.099	ng	# 93

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

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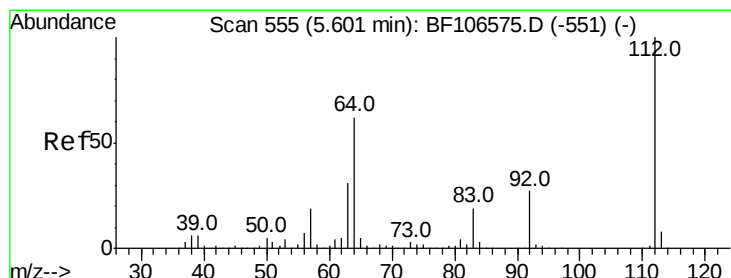
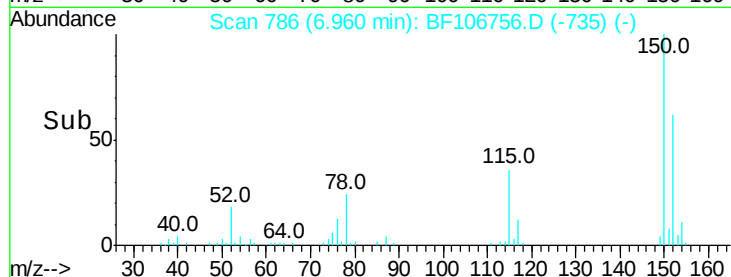
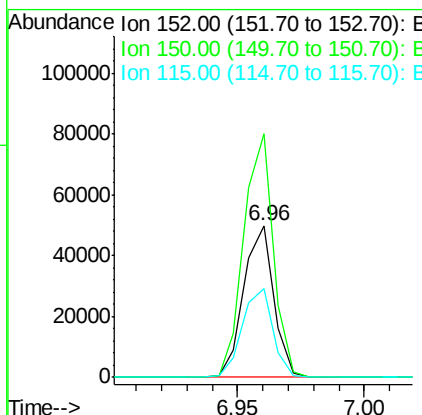
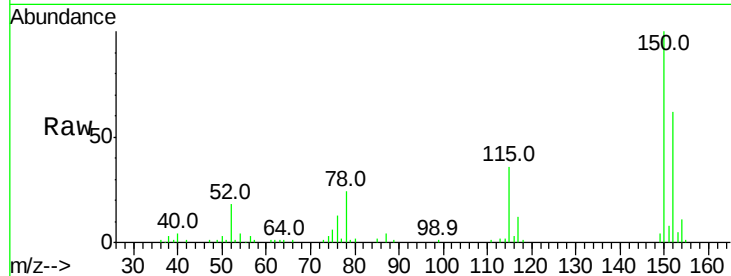


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106756.D
Acq: 23 Jun 2018 13:02

Instrument :
BNA_F
ClientSampleId :
MW-21

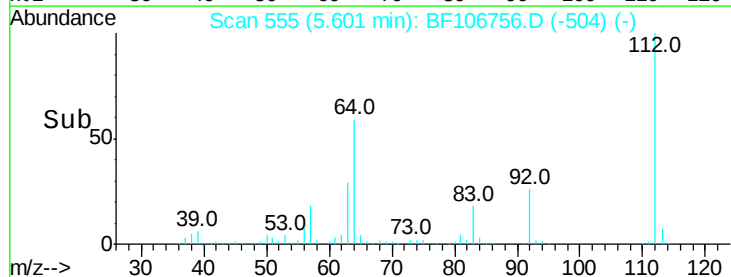
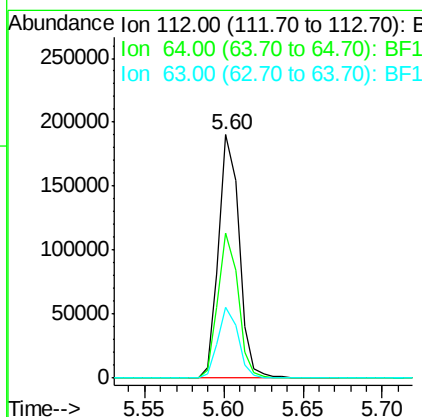
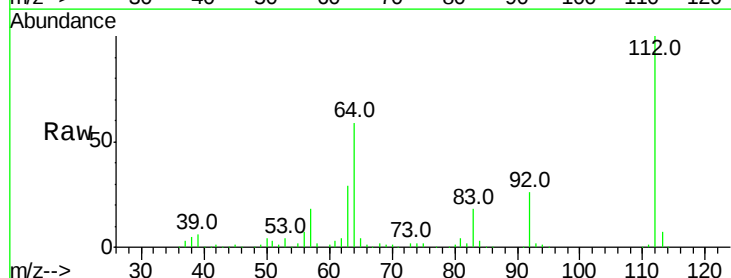
Tot Ion:152 Resp: 40982
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 58.1 50.1 75.1



#5

2-Fluorophenol
Concen: 71.597 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106756.D
Acq: 23 Jun 2018 13:02

Tgt Ion:112 Resp: 173281
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 43.610 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106756.D

Acq: 23 Jun 2018 13:02

Instrument :

BNA_F

ClientSampleId :

MW-21

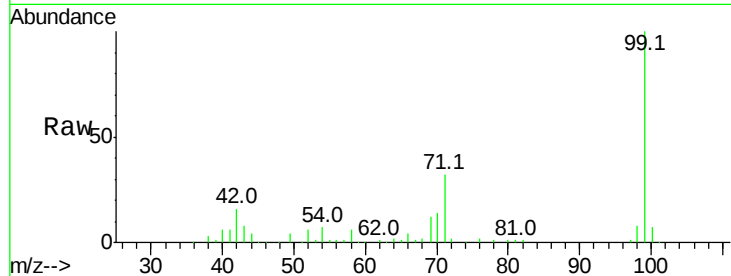
Tot Ion: 99 Resp: 131807

Ion Ratio Lower Upper

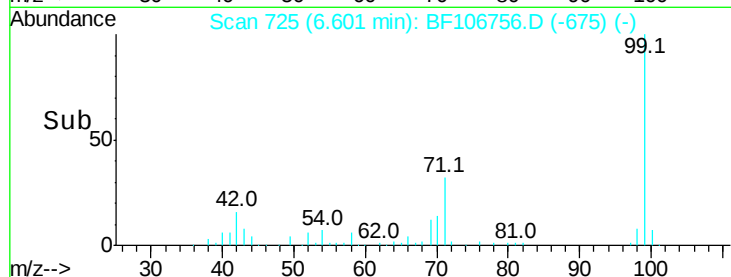
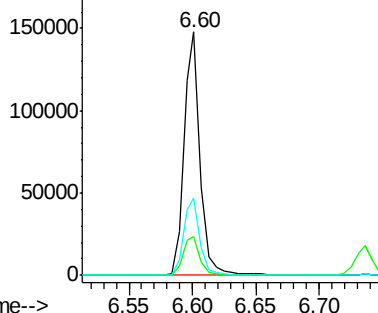
99 100

42 15.9 14.5 21.7

71 31.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106756.D

Acq: 23 Jun 2018 13:02

Tgt Ion: 136 Resp: 131109

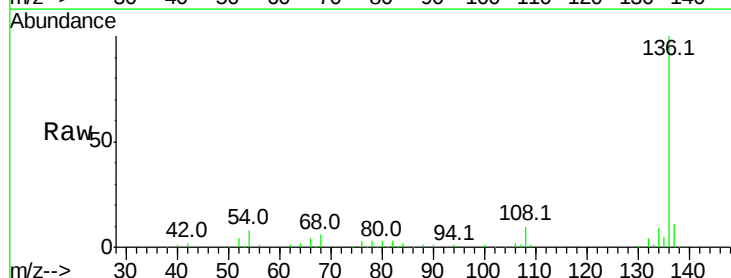
Ion Ratio Lower Upper

136 100

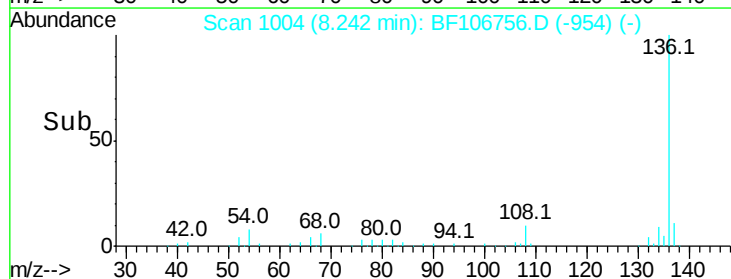
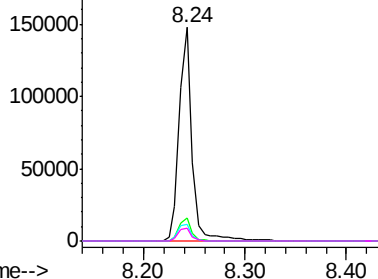
137 10.8 8.9 13.3

54 7.6 6.6 9.8

68 6.1 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

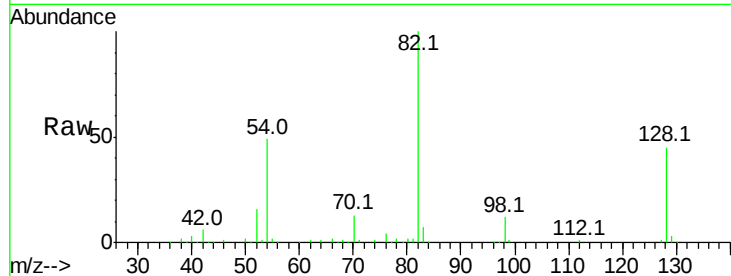




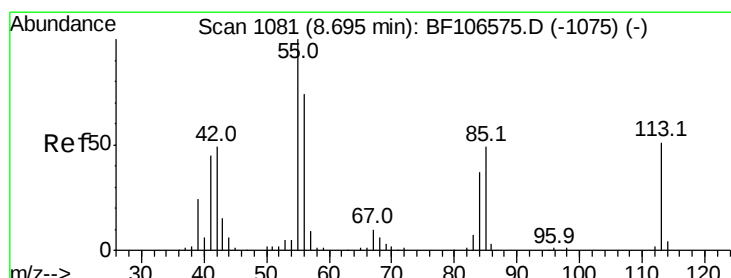
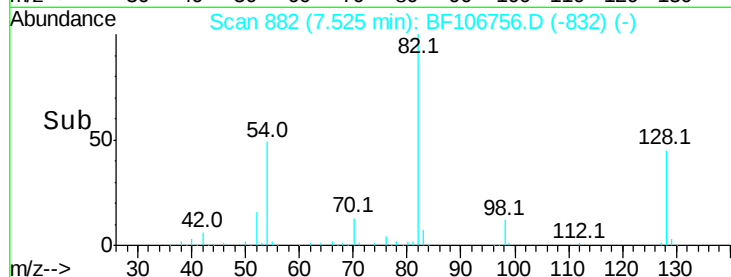
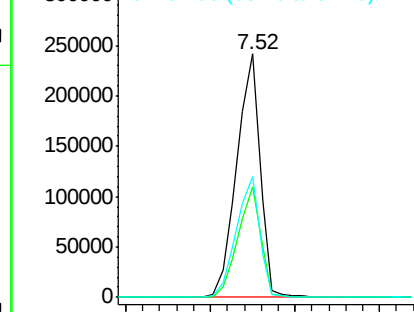
#23
 Nitrobenzene-d5
 Concen: 98.807 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106756.D
 Acq: 23 Jun 2018 13:02

Instrument :
 BNA_F
 ClientSampled :
 MW-21

Tot Ion: 82 Resp: 233106
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 49.4 41.4 62.2

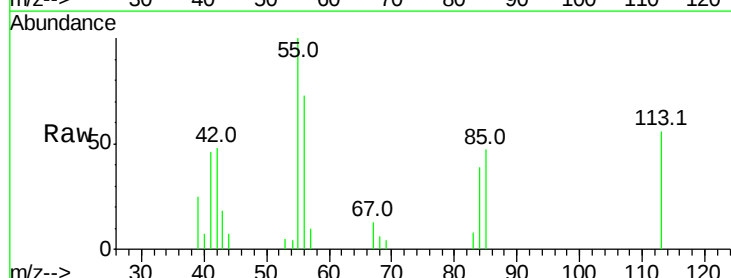


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

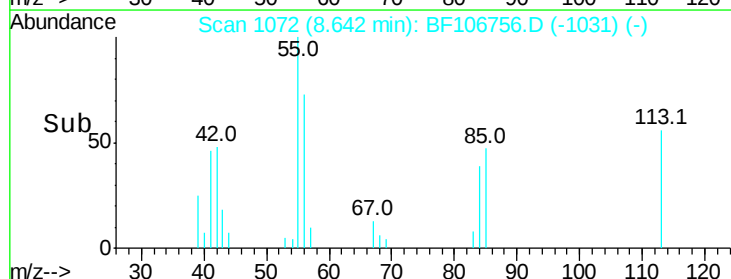
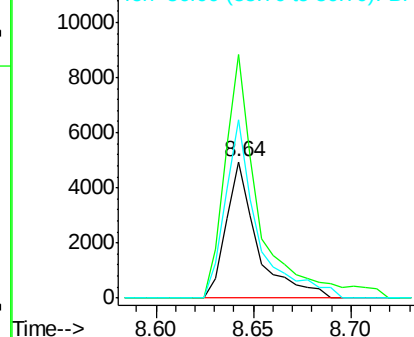


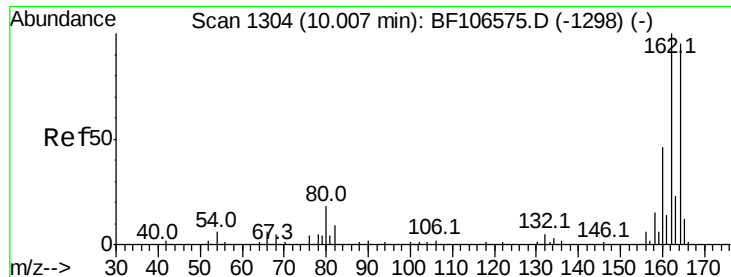
#35
 Caprolactam
 Concen: 9.140 ng
 RT: 8.64 min Scan# 1072
 Delta R.T. -0.06 min
 Lab File: BF106756.D
 Acq: 23 Jun 2018 13:02

Tgt Ion: 113 Resp: 5482
 Ion Ratio Lower Upper
 113 100
 55 178.3 163.3 203.3
 56 130.7 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): BF1
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

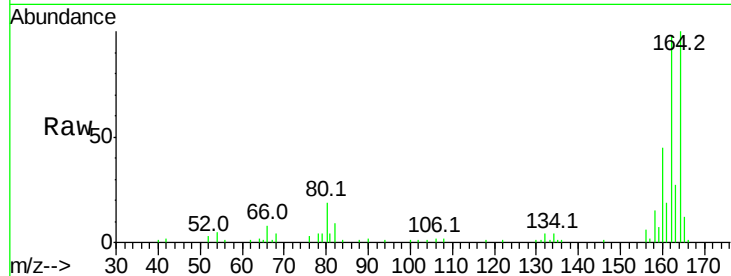




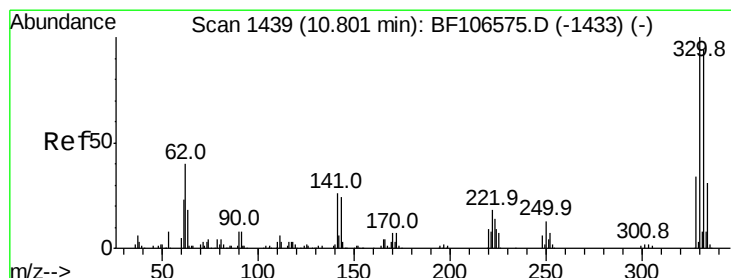
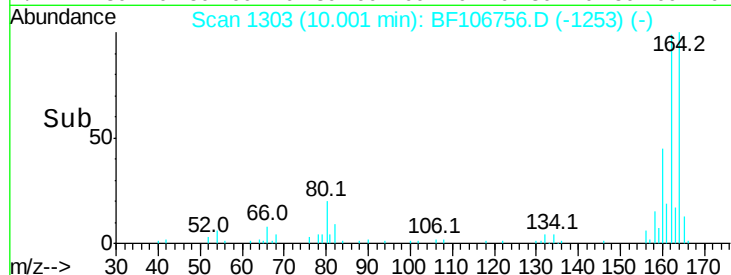
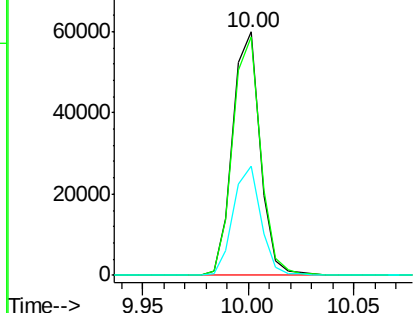
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106756.D
Acq: 23 Jun 2018 13:02

Instrument :
BNA_F
ClientSampleId :
MW-21

Tot Ion:164 Resp: 54003
Ion Ratio Lower Upper
164 100
162 98.0 86.1 129.1
160 44.6 38.3 57.5

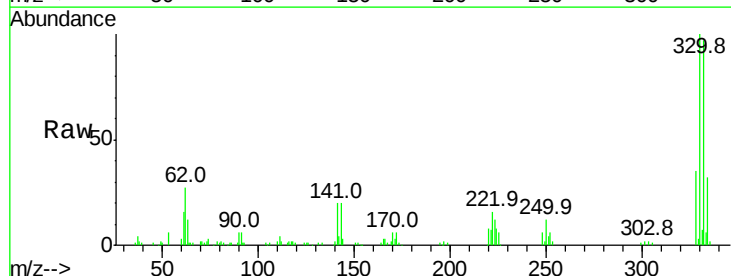


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

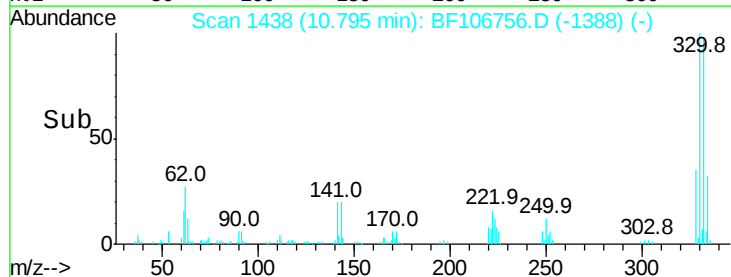
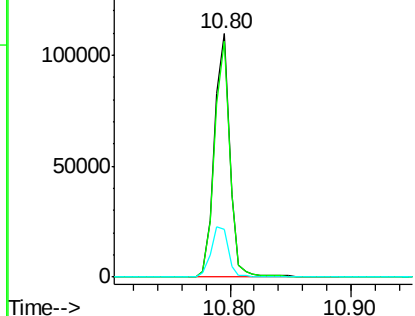


#41
2,4,6-Tribromophenol
Concen: 153.326 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106756.D
Acq: 23 Jun 2018 13:02

Tgt Ion:330 Resp: 95968
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 23.3 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

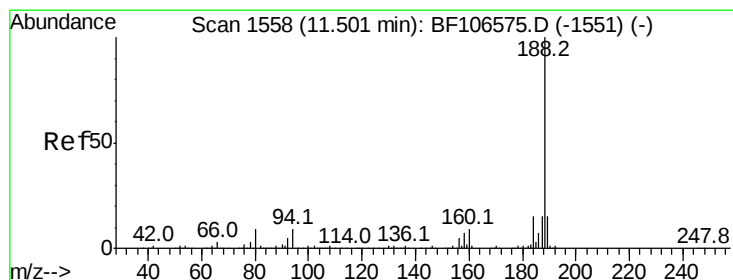
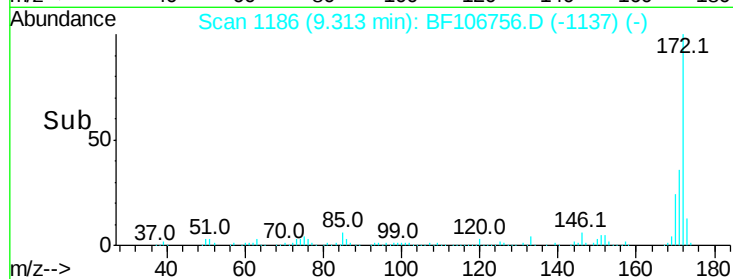
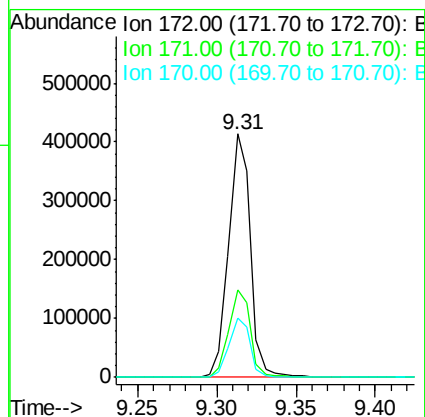
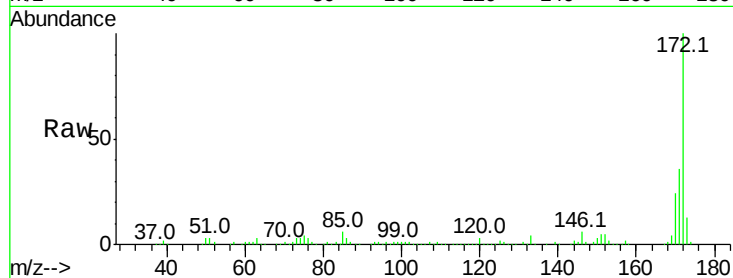




#44
 2-Fluorobiphenyl
 Concen: 131.763 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106756.D
 Acq: 23 Jun 2018 13:02

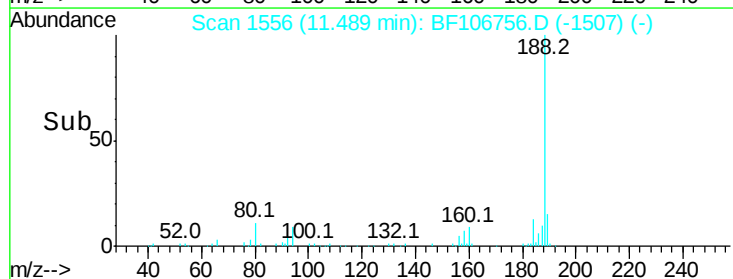
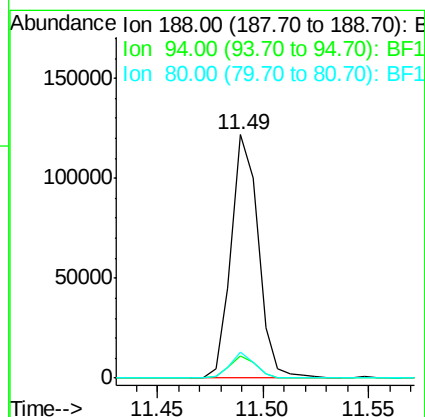
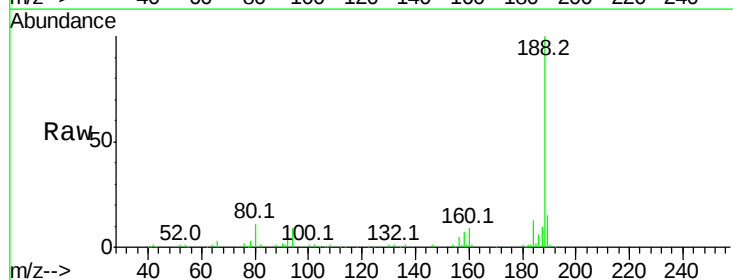
Instrument :
 BNA_F
 ClientSampled :
 MW-21

Tot Ion:172 Resp: 394497
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.2 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106756.D
 Acq: 23 Jun 2018 13:02

Tgt Ion:188 Resp: 108368
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.5 12.7
 80 10.5 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106756.D

Acq: 23 Jun 2018 13:02

Instrument :

BNA_F

ClientSampleId :

MW-21

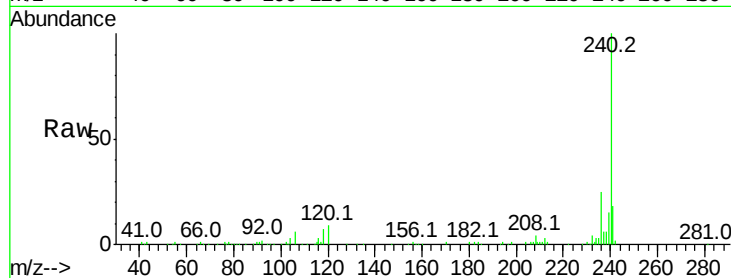
Tot Ion:240 Resp: 128470

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

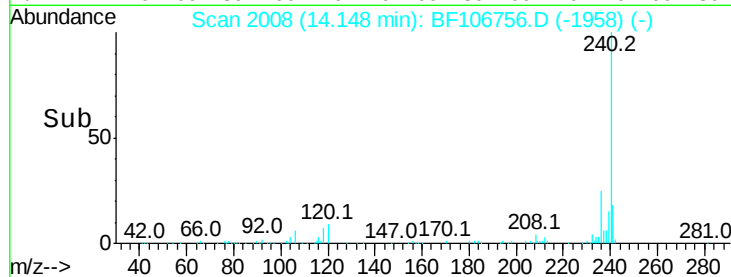
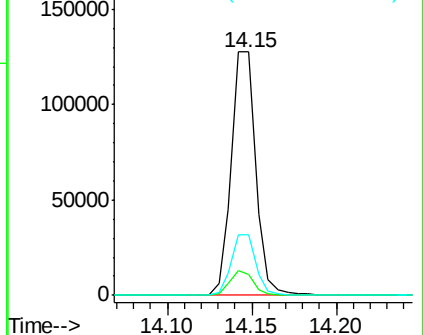
236 24.7 20.7 31.1



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: 92.523 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106756.D

Acq: 23 Jun 2018 13:02

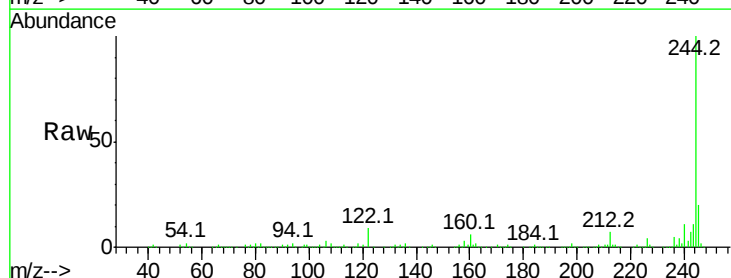
Tgt Ion:244 Resp: 490707

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

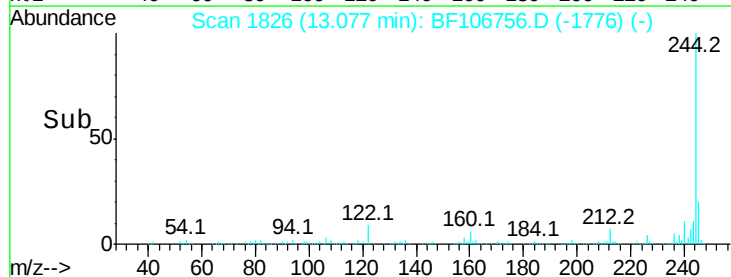
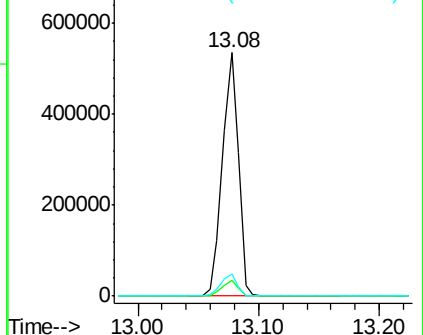
122 9.0 11.0 16.4#

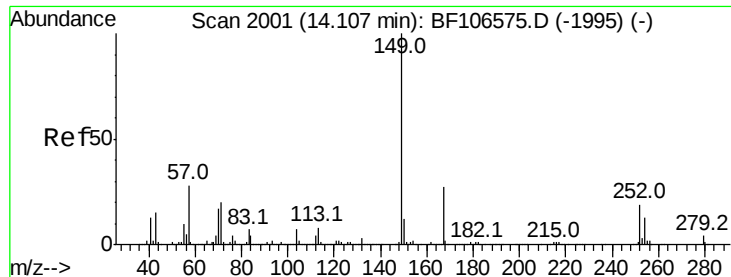


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.099 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106756.D

Acq: 23 Jun 2018 13:02

Instrument :

BNA_F

ClientSampleId :

MW-21

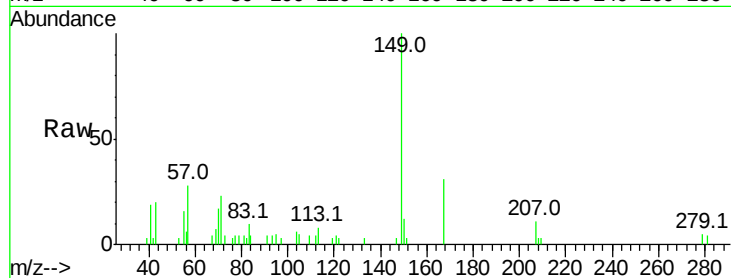
Tot Ion:149 Resp: 9346

Ion Ratio Lower Upper

149 100

167 30.6 21.3 31.9

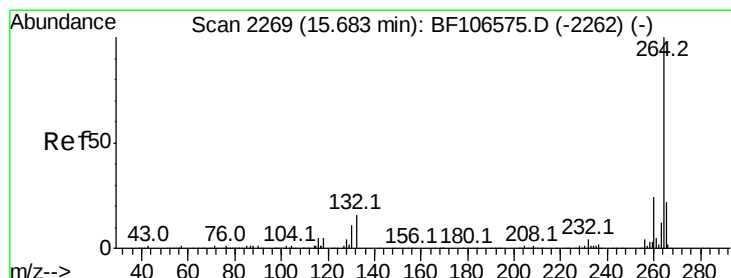
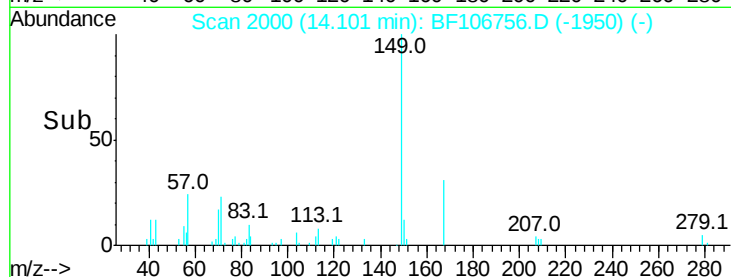
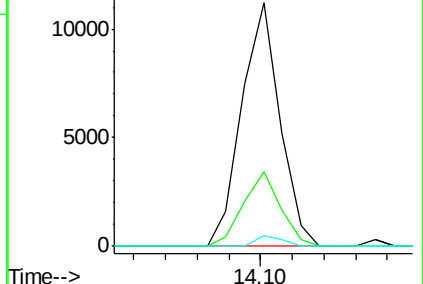
279 4.5 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF106756.D

Acq: 23 Jun 2018 13:02

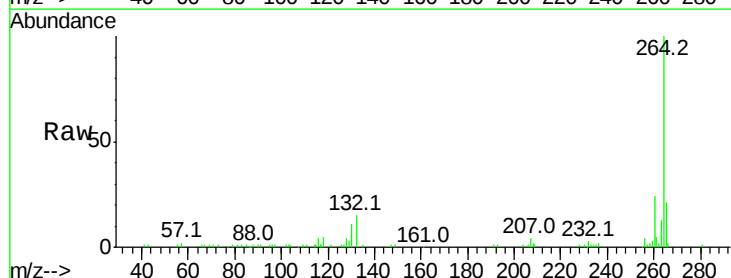
Tgt Ion:264 Resp: 90862

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.5 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

