

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106744.D
 Acq On : 23 Jun 2018 7:46
 Operator : JU/SJ
 Sample : J3596-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Jun 25 01:17:58 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

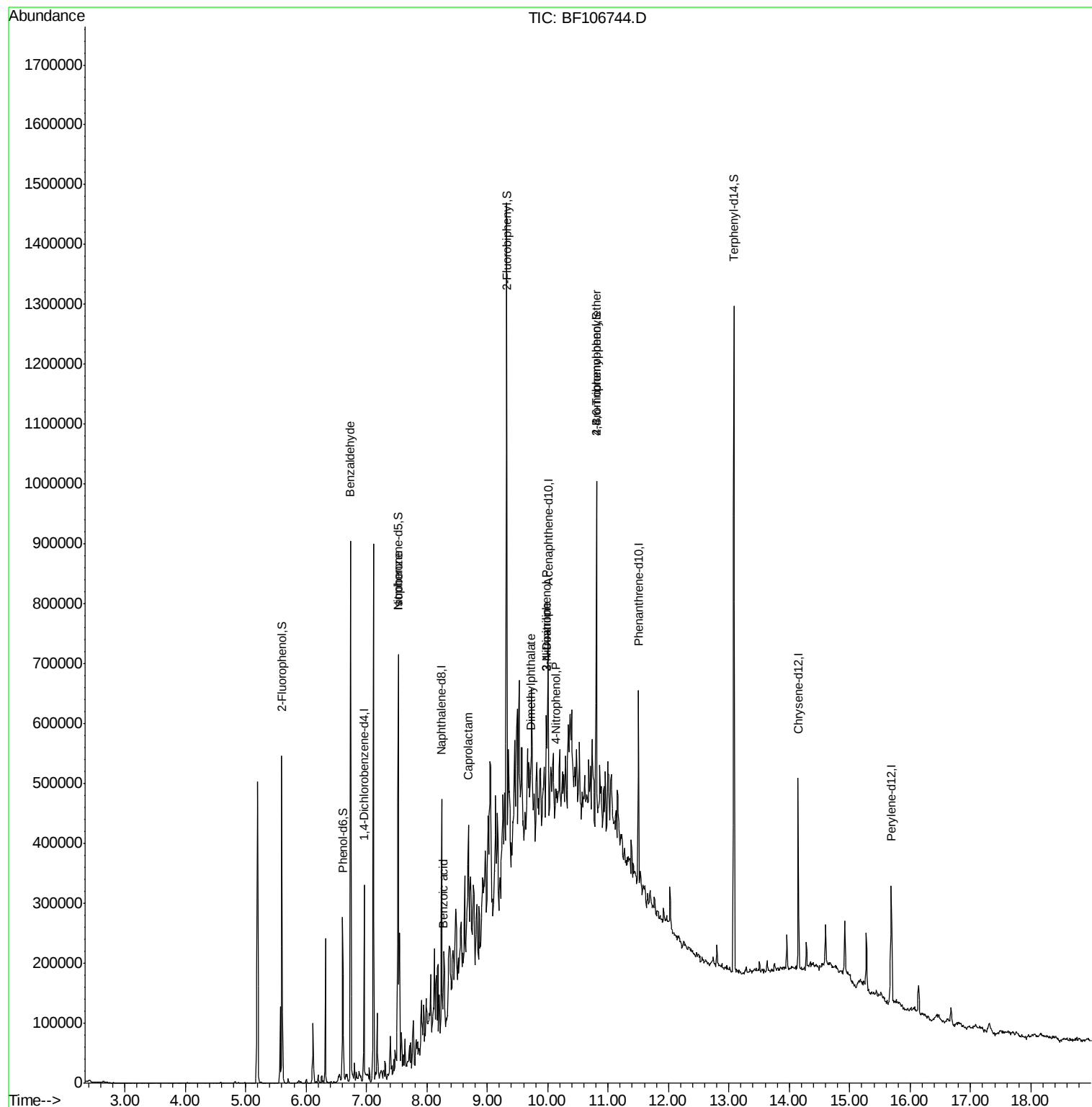
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	42791	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	148441	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	64687	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	118120	20.00	ng	0.00
75) Chrysene-d12	14.15	240	126328	20.00	ng	0.00
86) Perylene-d12	15.69	264	91504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	145670	57.64	ng	0.00
7) Phenol-d6	6.61	99	112552	35.67	ng	0.00
23) Nitrobenzene-d5	7.52	82	236994	88.73	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	98786	131.76	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	376536	101.37	ng	0.00
78) Terphenyl-d14	13.08	244	416775	79.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	5362	2.028	ng	86
20) 3+4-Methylphenols	7.54	107	1559	Below Cal	#	27
25) Isophorone	7.52	82	236994	50.351	ng	64
32) Benzoic acid	8.27	122	264	5.892	ng	1
35) Caprolactam	8.70	113	2235	3.291	ng	1
49) Dimethylphthalate	9.71	163	12812	2.641	ng	49
52) 3-Nitroaniline	9.98	138	5250	4.441	ng	11
53) 2,4-Dinitrophenol	9.97	184	451	6.141	ng	62
55) 4-Nitrophenol	10.13	139	2468	2.991	ng	1
66) 4-Bromophenyl-phenylether	10.81	248	6160	4.370	ng	1

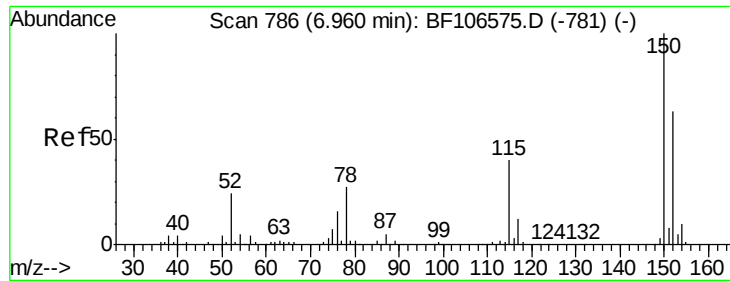
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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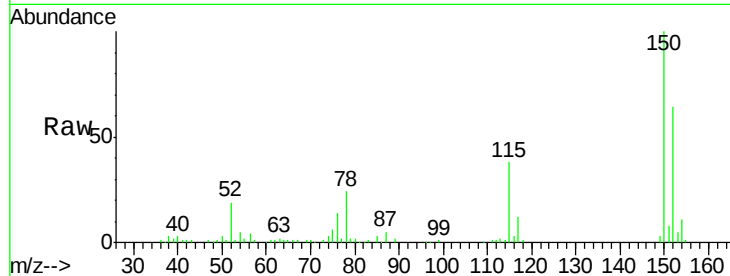


#1

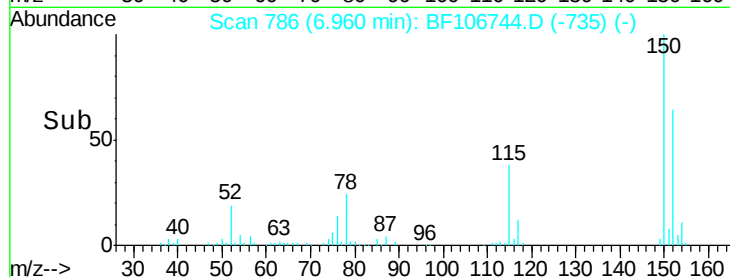
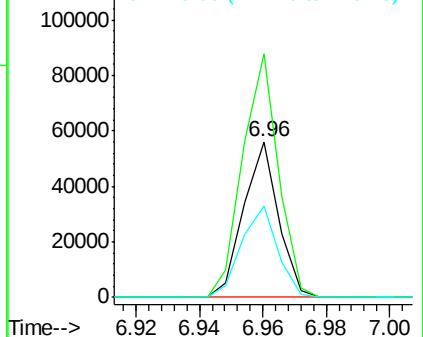
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106744.D
Acq: 23 Jun 2018 7:46

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:152 Resp: 42791
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 58.9 50.1 75.1



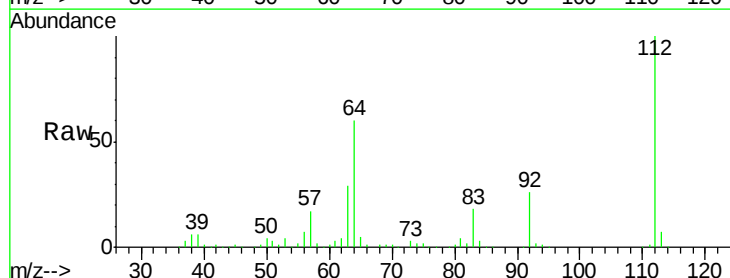
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



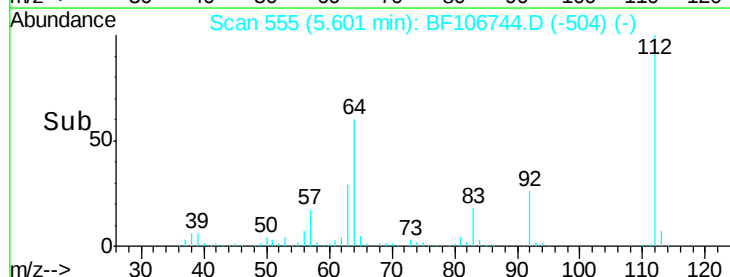
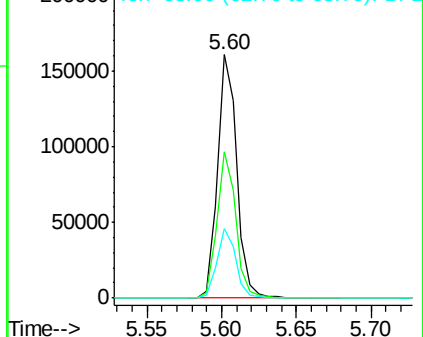
#5

2-Fluorophenol
Concen: 57.644 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106744.D
Acq: 23 Jun 2018 7:46

Tgt Ion:112 Resp: 145670
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 28.7 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: 35.665 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106744.D

Acq: 23 Jun 2018 7:46

Instrument :

BNA_F

ClientSampled :

MW-01

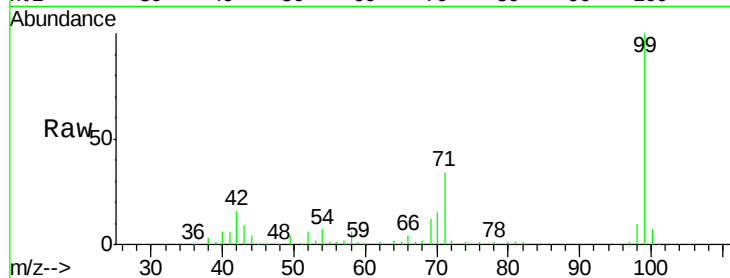
Tgt Ion: 99 Resp: 112552

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

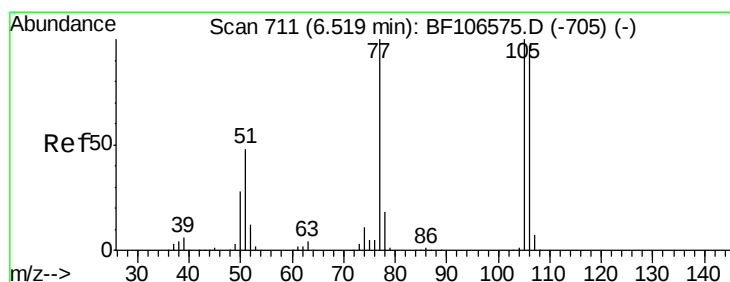
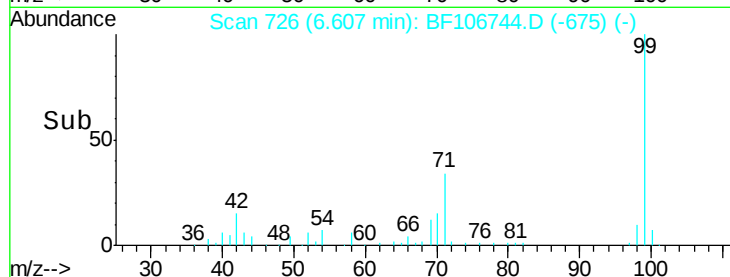
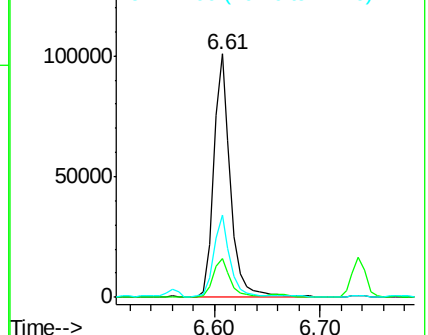
71 33.7 25.4 38.0



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: 2.028 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106744.D

Acq: 23 Jun 2018 7:46

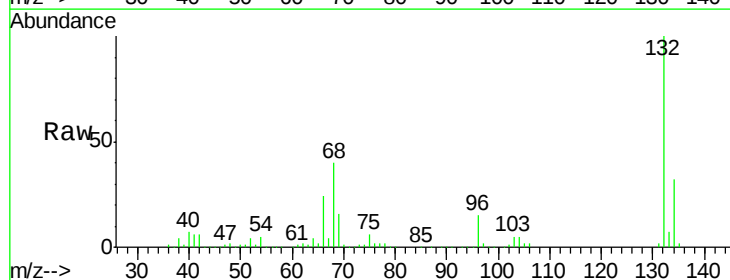
Tgt Ion: 77 Resp: 5362

Ion Ratio Lower Upper

77 100

105 85.6 81.1 121.1

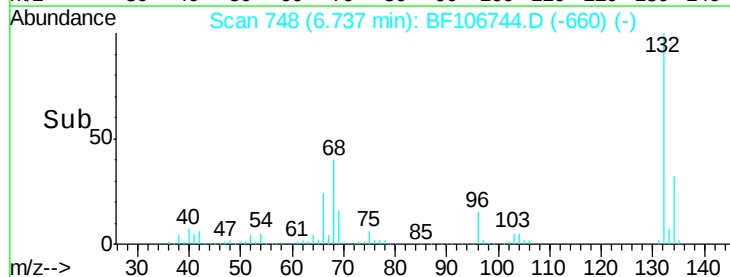
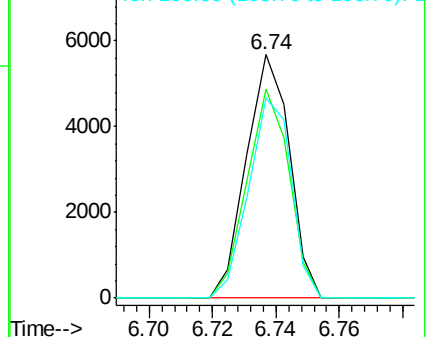
106 82.3 74.5 114.5

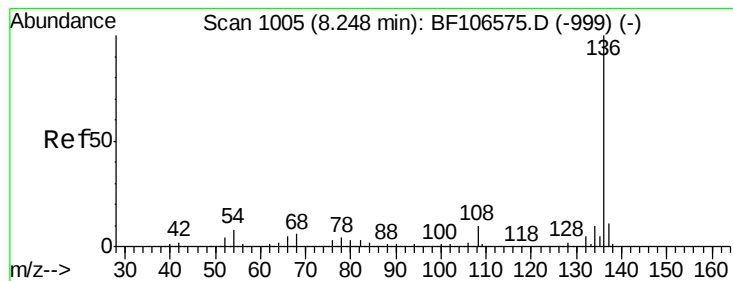


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106744.D

Acq: 23 Jun 2018 7:46

Instrument :

BNA_F

ClientSampleId :

MW-01

Tgt Ion:136 Resp: 148441

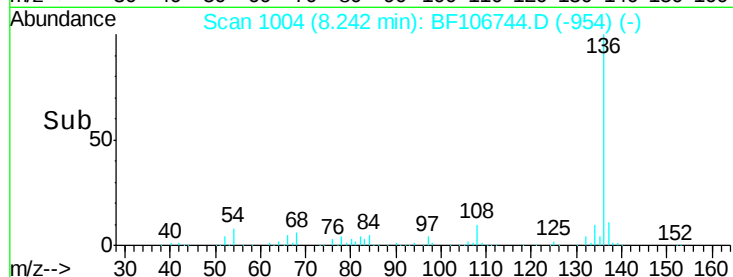
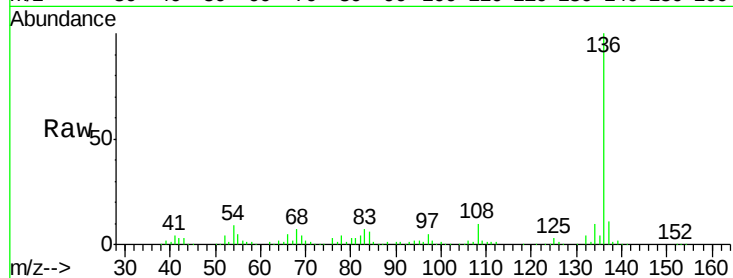
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.9 6.6 9.8

68 7.2 5.0 7.4

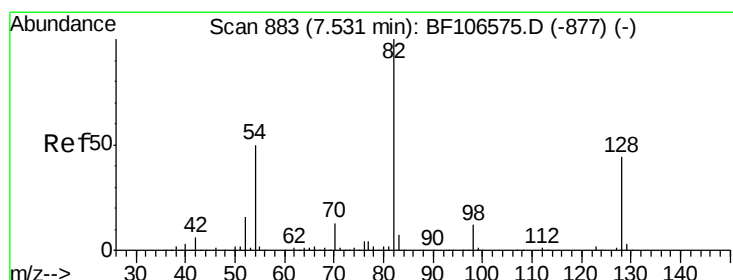
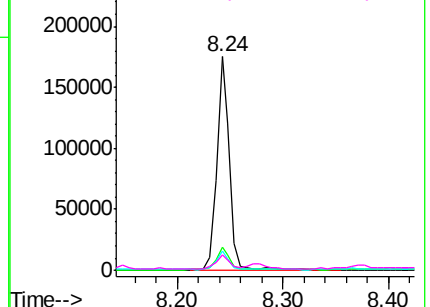


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.726 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106744.D

Acq: 23 Jun 2018 7:46

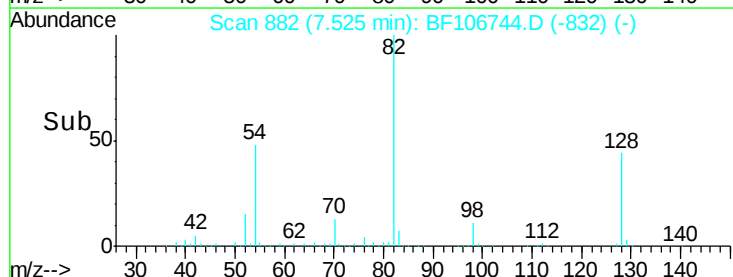
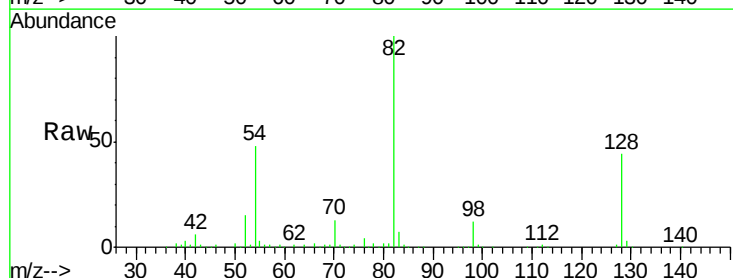
Tgt Ion: 82 Resp: 236994

Ion Ratio Lower Upper

82 100

128 43.5 36.1 54.1

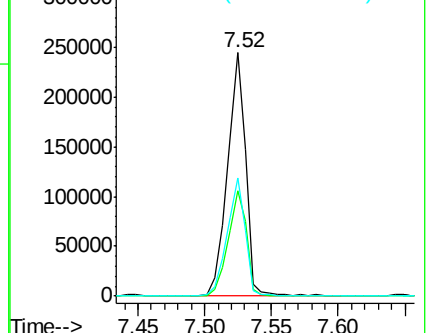
54 48.3 41.4 62.2

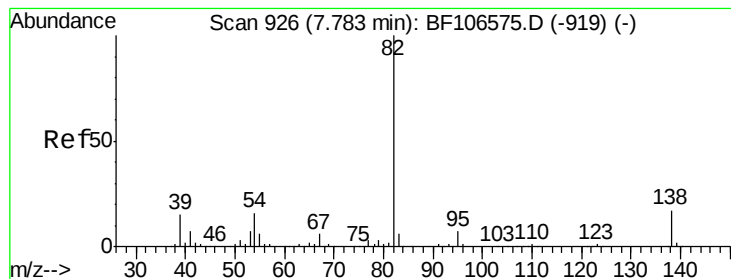


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.351 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106744.D

Acq: 23 Jun 2018 7:46

Instrument :

BNA_F

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MW-01

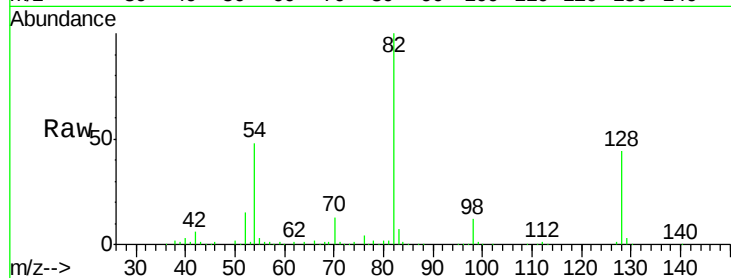
Tgt Ion: 82 Resp: 236994

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

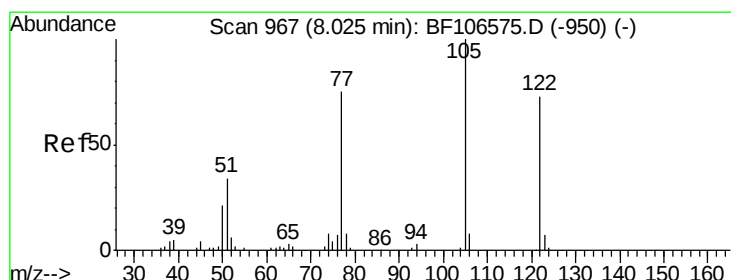
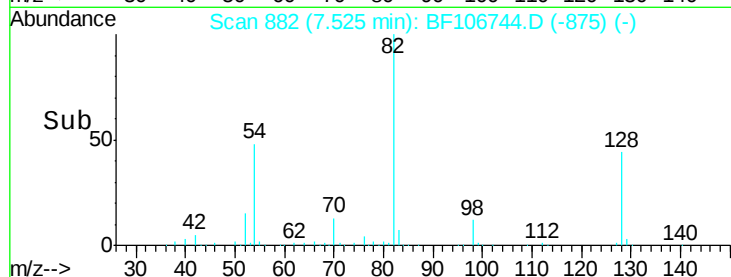
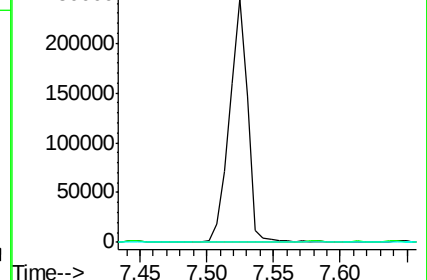
138 0.0 14.9 22.3#



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: 5.892 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.25 min

Lab File: BF106744.D

Acq: 23 Jun 2018 7:46

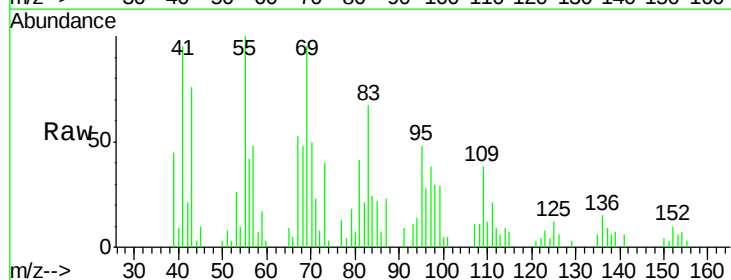
Tgt Ion: 122 Resp: 264

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

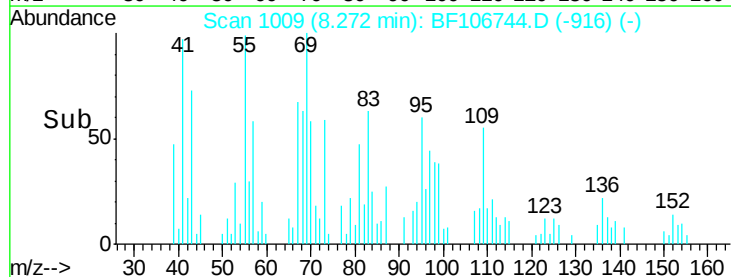
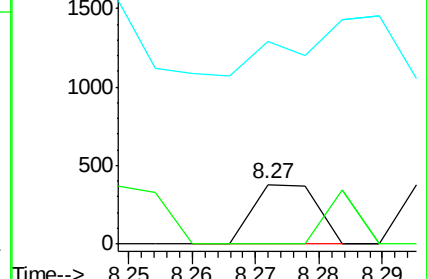
77 339.6 70.7 110.7#

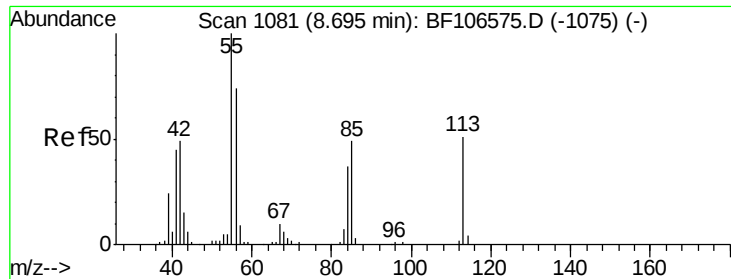


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

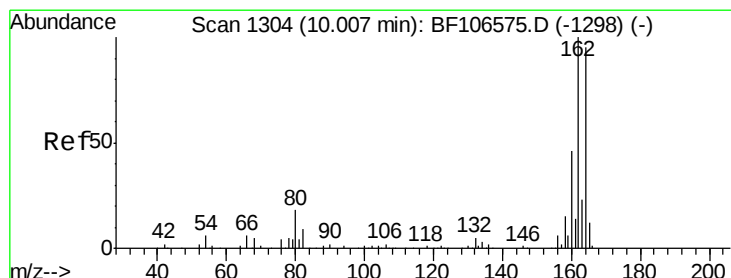
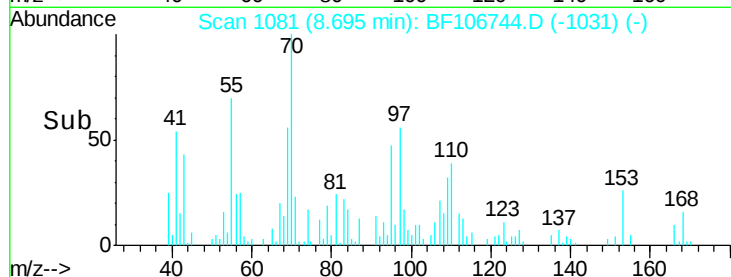
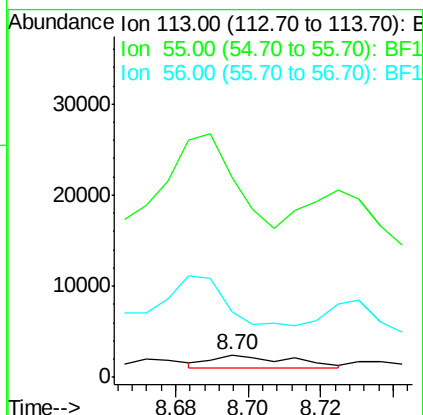
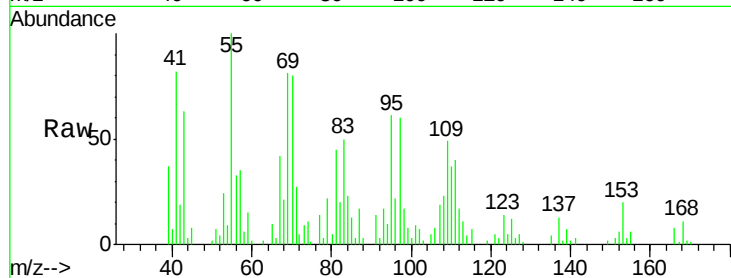




#35
 Caprolactam
 Concen: 3.291 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF106744.D
 Acq: 23 Jun 2018 7:46

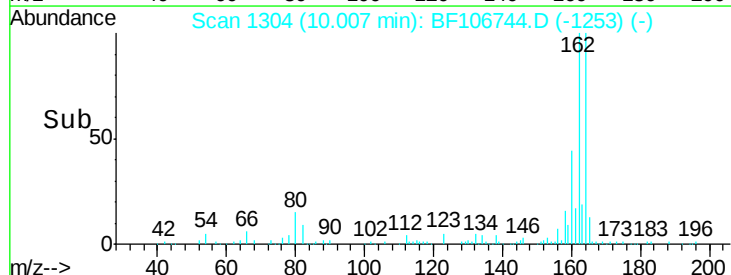
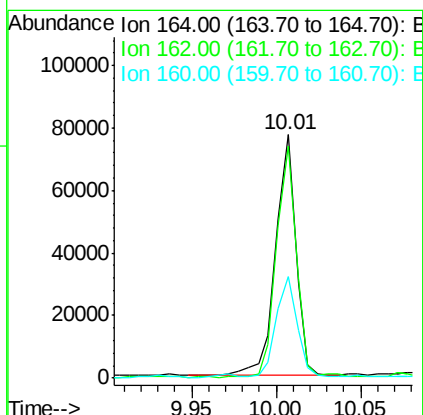
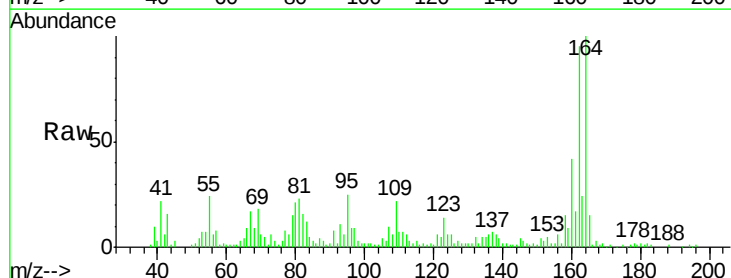
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 MW-01

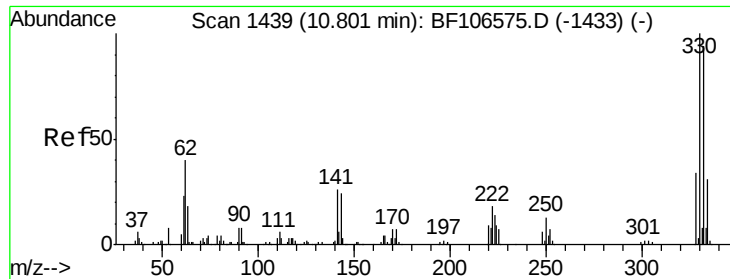
Tgt Ion:113 Resp: 2235
 Ion Ratio Lower Upper
 113 100
 55 886.3 163.3 203.3#
 56 293.7 115.7 155.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF106744.D
 Acq: 23 Jun 2018 7:46

Tgt Ion:164 Resp: 64687
 Ion Ratio Lower Upper
 164 100
 162 95.4 86.1 129.1
 160 41.7 38.3 57.5

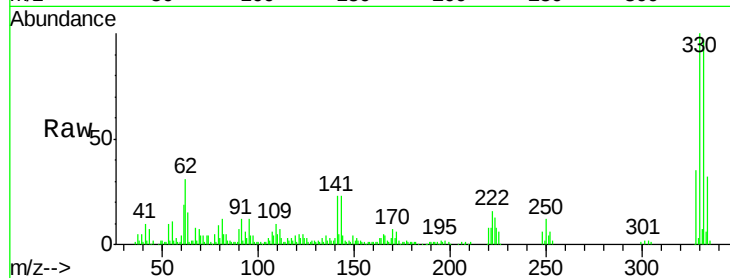




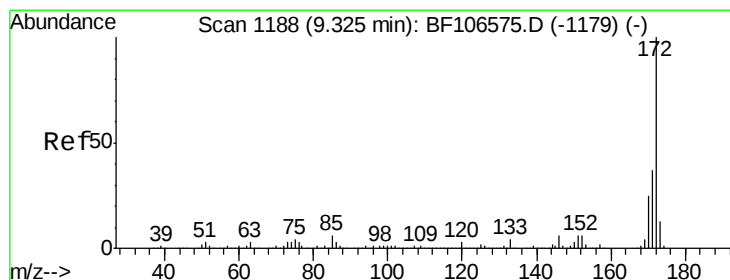
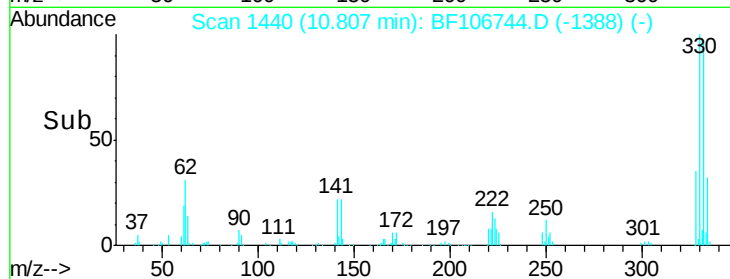
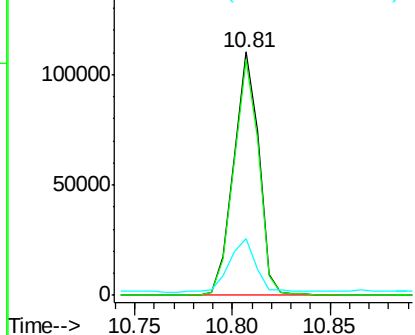
#41
 2,4,6-Tribromophenol
 Concen: 131.760 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106744.D
 Acq: 23 Jun 2018 7:46

Instrument :
 BNA_F
 ClientSampled :
 MW-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	23.6	29.9	44.9#

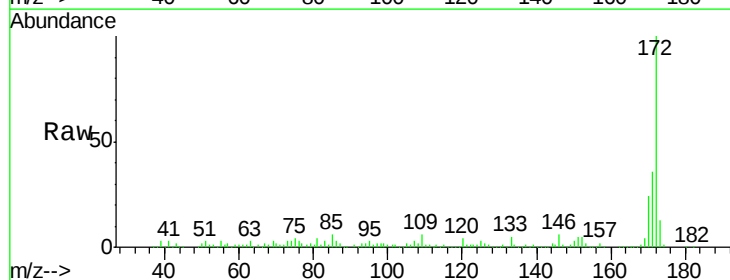


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

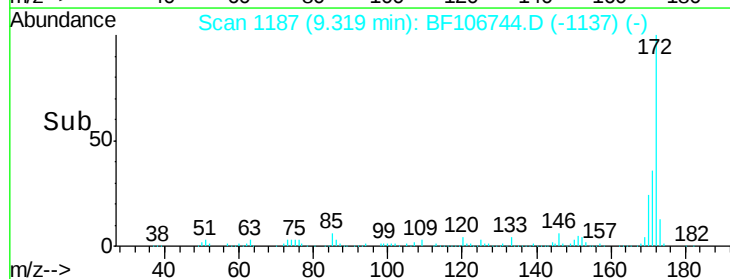
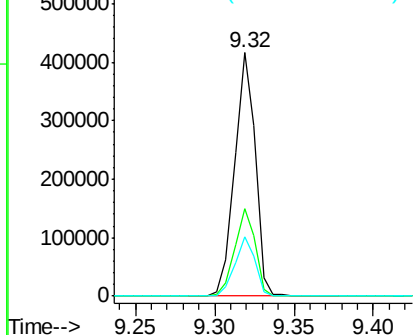


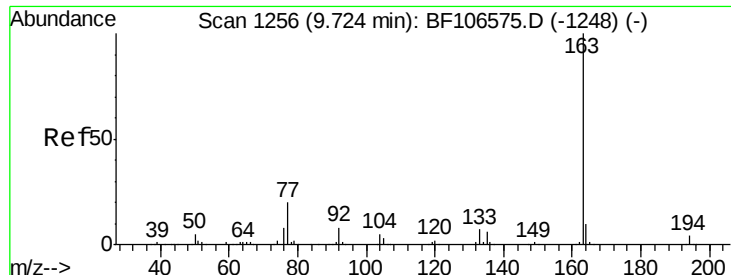
#44
 2-Fluorobiphenyl
 Concen: 101.366 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106744.D
 Acq: 23 Jun 2018 7:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	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

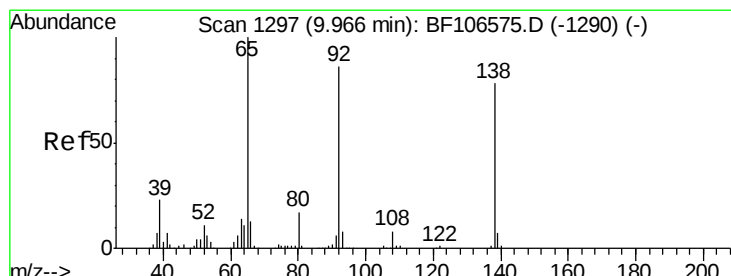
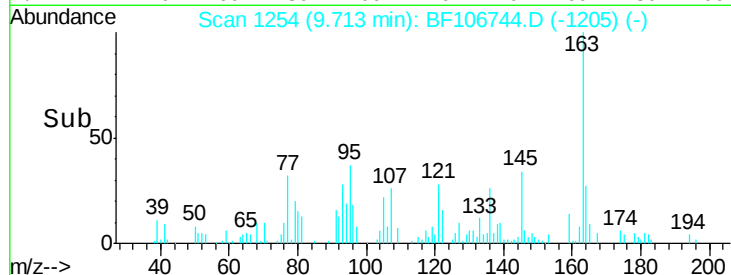
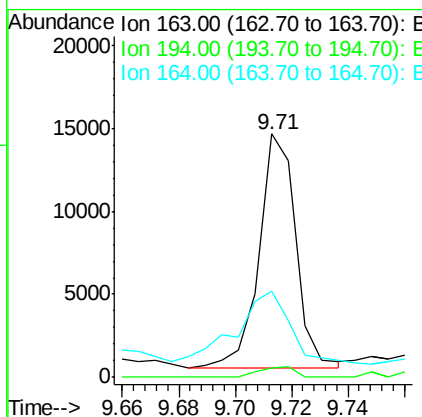
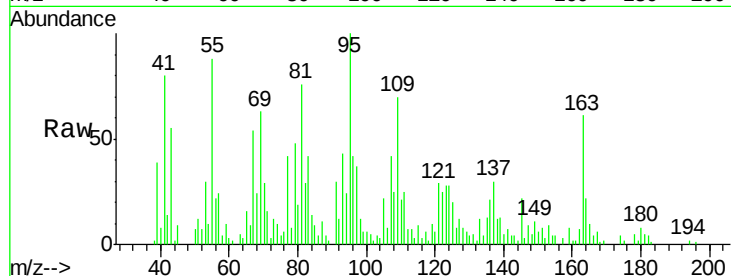




#49
Dimethylphthalate
Concen: 2.641 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106744.D
Acq: 23 Jun 2018 7:46

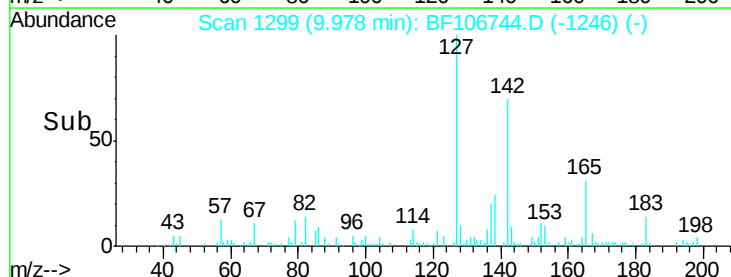
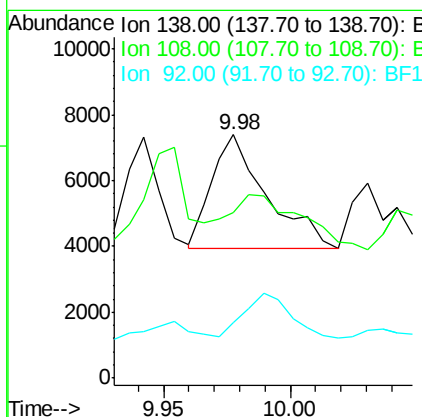
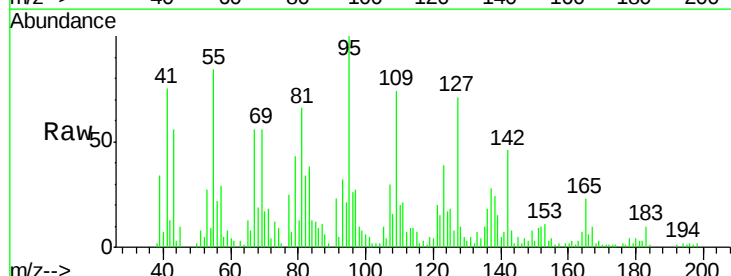
Instrument :
BNA_F
ClientSampleId :
MW-01

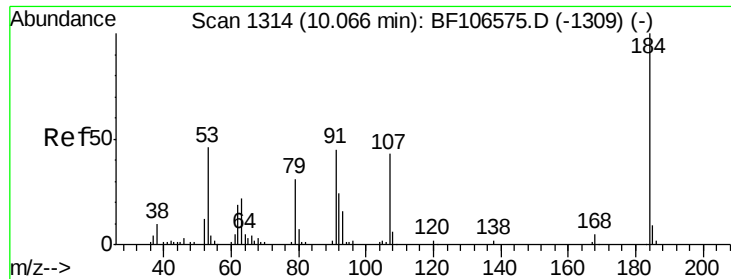
Tgt Ion:163 Resp: 12812
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 35.5 8.2 12.2#



#52
3-Nitroaniline
Concen: 4.441 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF106744.D
Acq: 23 Jun 2018 7:46

Tgt Ion:138 Resp: 5250
Ion Ratio Lower Upper
138 100
108 67.9 9.4 14.0#
92 23.0 89.4 134.2#

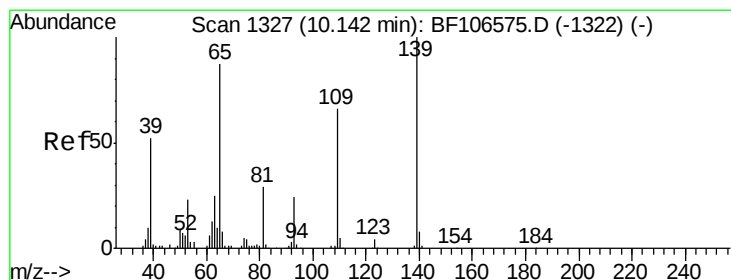
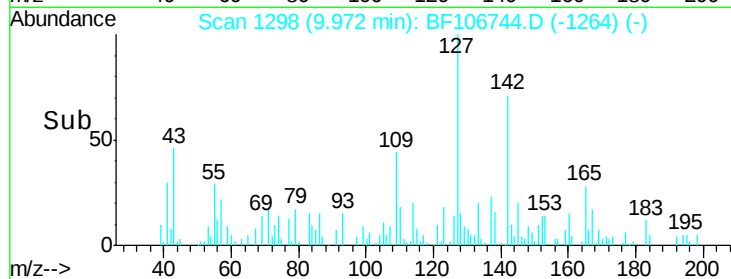
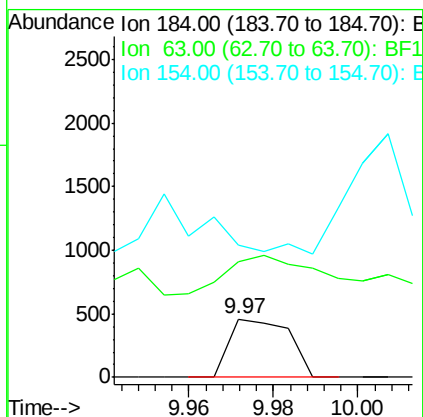
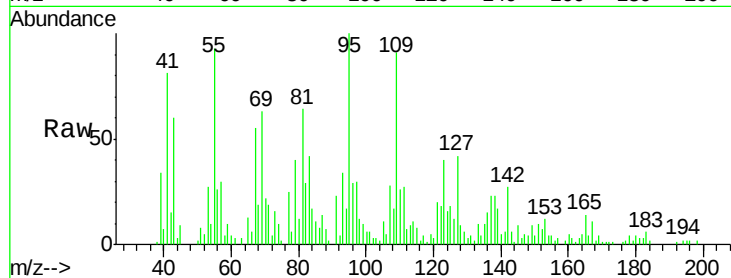




#53
2,4-Dinitrophenol
Concen: 6.141 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.10 min
Lab File: BF106744.D
Acq: 23 Jun 2018 7:46

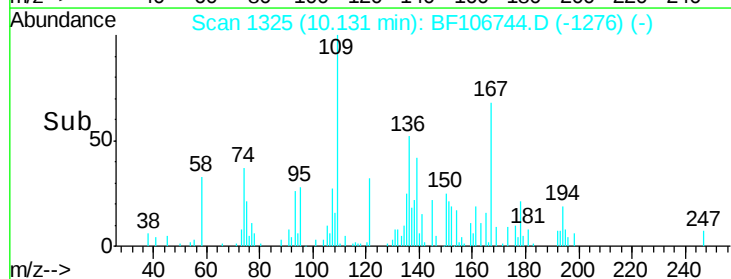
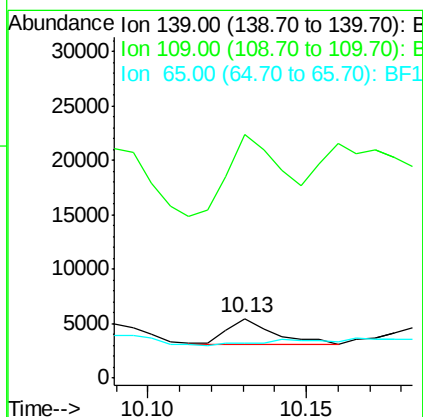
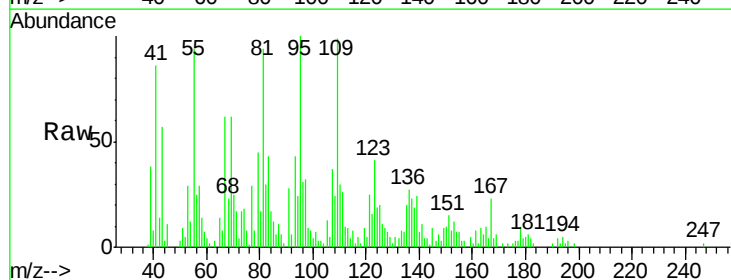
Instrument :
BNA_F
ClientSampleId :
MW-01

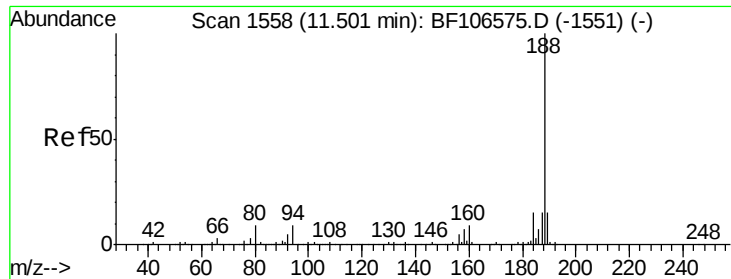
Tgt Ion:184 Resp: 451
Ion Ratio Lower Upper
184 100
63 199.1 54.2 81.2#
154 227.0 184.0 276.0



#55
4-Nitrophenol
Concen: 2.991 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF106744.D
Acq: 23 Jun 2018 7:46

Tgt Ion:139 Resp: 2468
Ion Ratio Lower Upper
139 100
109 409.6 48.4 88.4#
65 59.5 72.6 112.6#

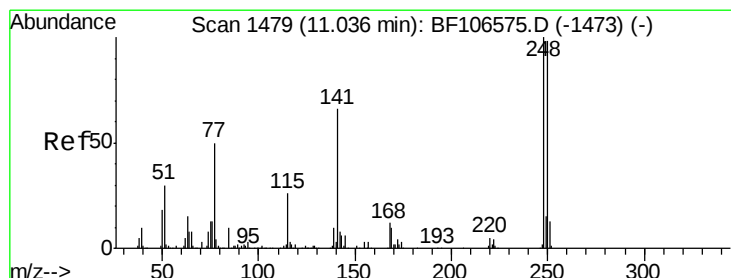
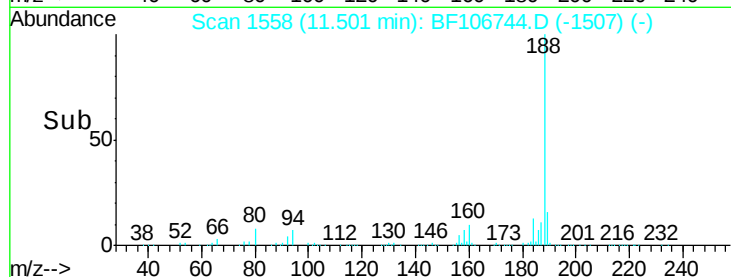
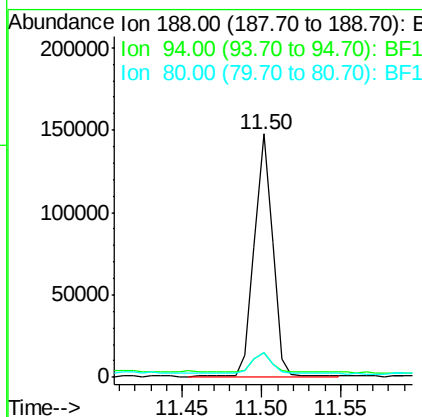
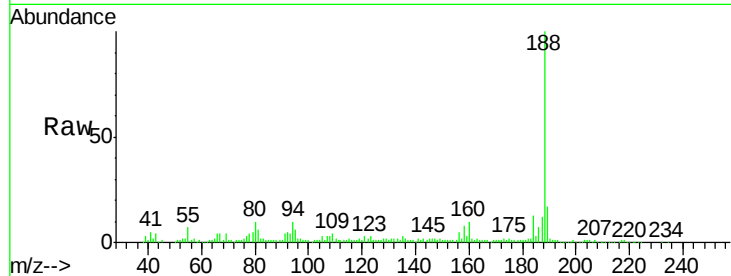




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106744.D
Acq: 23 Jun 2018 7:46

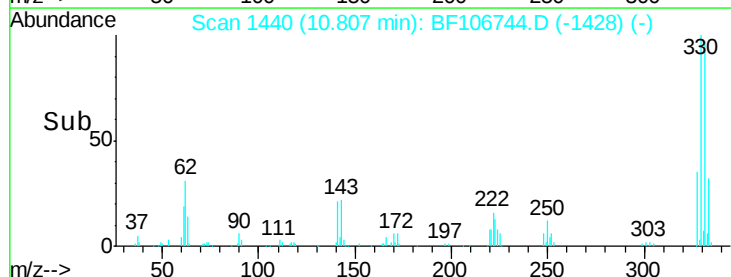
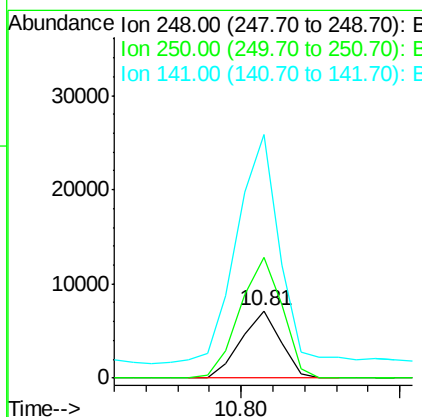
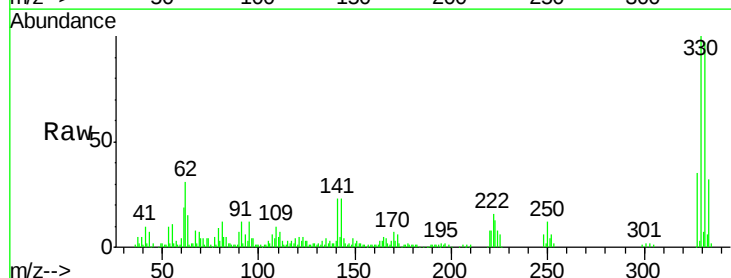
Instrument :
BNA_F
ClientSampleId :
MW-01

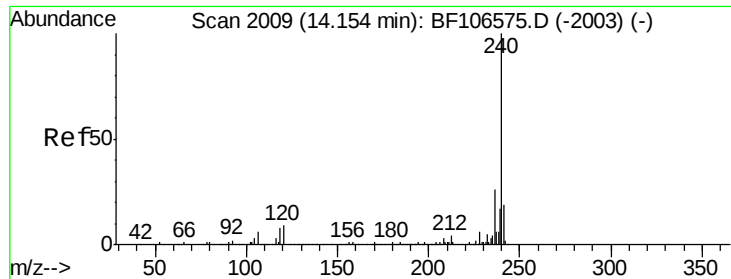
Tgt Ion:188 Resp: 118120
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.370 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF106744.D
Acq: 23 Jun 2018 7:46

Tgt Ion:248 Resp: 6160
Ion Ratio Lower Upper
248 100
250 179.8 76.9 115.3#
141 361.5 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106744.D

Acq: 23 Jun 2018 7:46

Instrument :

BNA_F

ClientSampleId :

MW-01

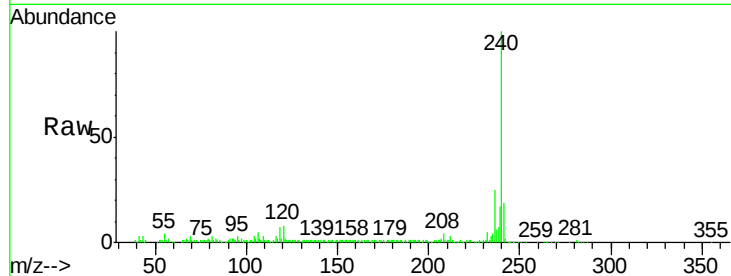
Tgt Ion:240 Resp: 126328

Ion Ratio Lower Upper

240 100

120 8.0 9.5 14.3#

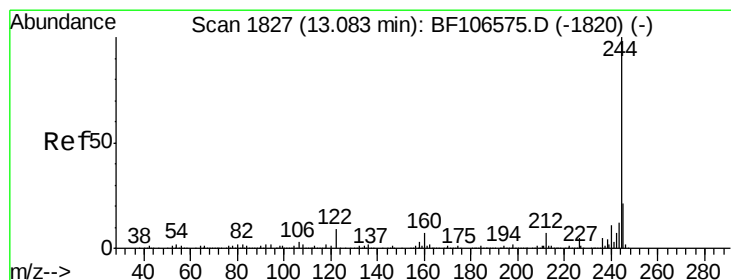
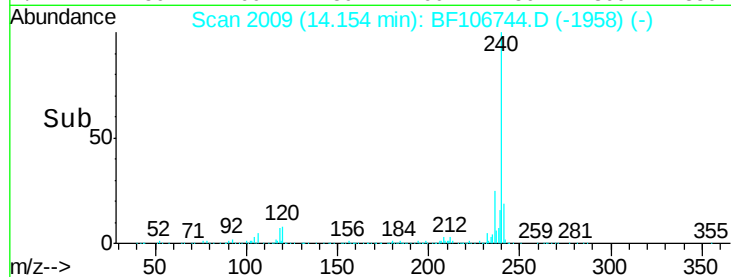
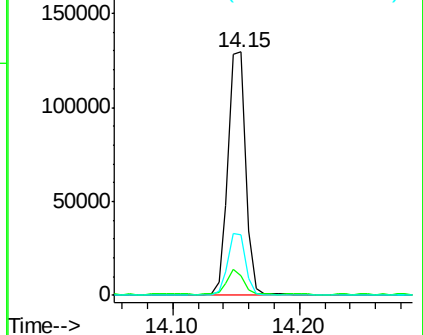
236 25.1 20.7 31.1



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: 79.915 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106744.D

Acq: 23 Jun 2018 7:46

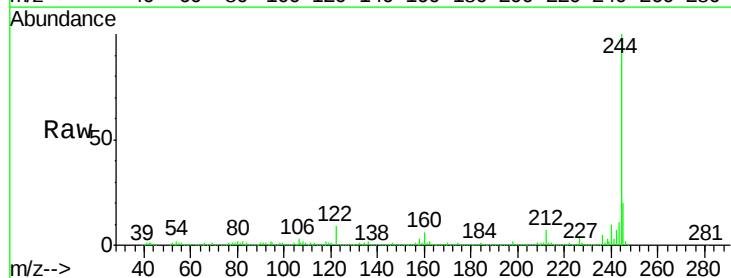
Tgt Ion:244 Resp: 416775

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

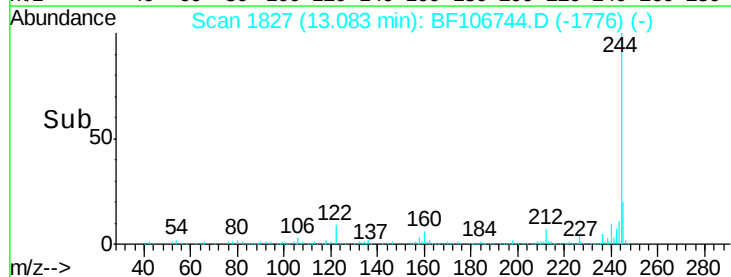
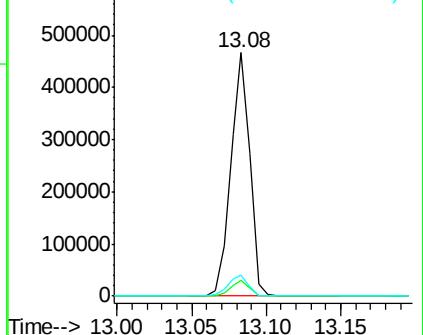
122 8.8 11.0 16.4#

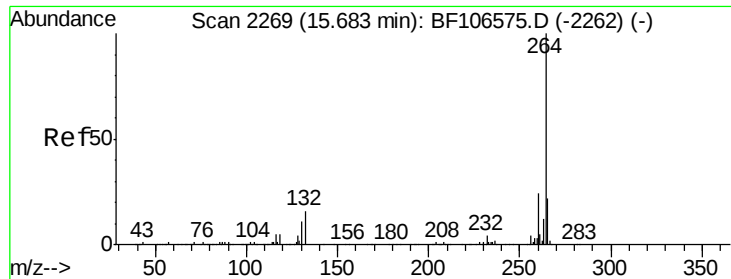


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2271
Delta R.T. 0.01 min
Lab File: BF106744.D
Acq: 23 Jun 2018 7:46

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 264 Resp: 91504
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 21.5 17.5 26.3

