

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF106991.D
 Acq On : 29 Jun 2018 23:47
 Operator : JU/SJ
 Sample : J3705-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Quant Time: Jun 30 01:49:42 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 29 14:38:29 2018
 Response via : Initial Calibration

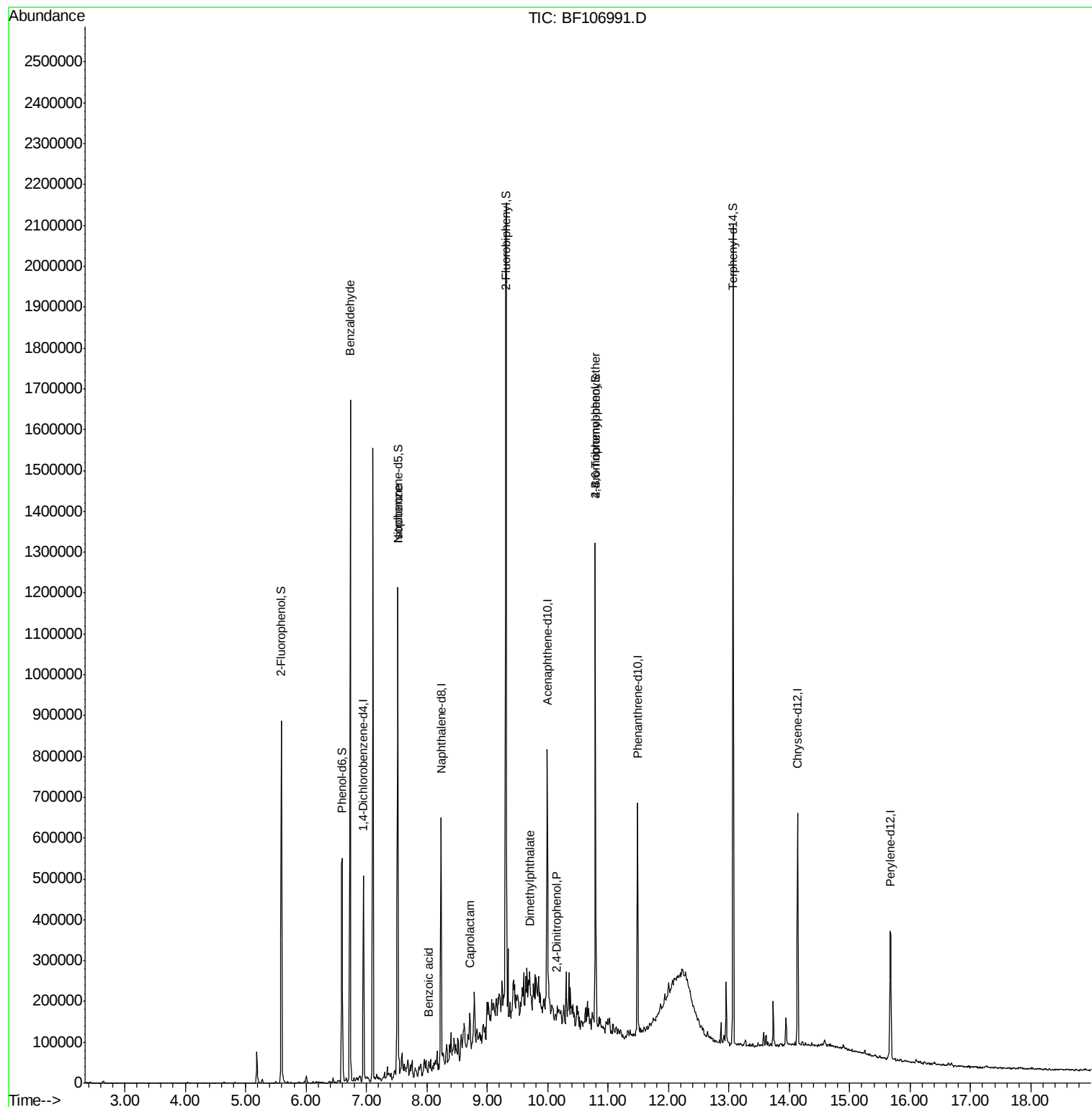
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73035	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	267177	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	125963	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	212624	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	207466	20.00	ng	-0.03
86) Perylene-d12	15.68	264	167303	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	269532	62.49	ng	0.00
7) Phenol-d6	6.60	99	210747	39.13	ng	-0.02
23) Nitrobenzene-d5	7.52	82	428349	89.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	198927	136.26	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	739091	102.32	ng	-0.01
78) Terphenyl-d14	13.07	244	725871	84.75	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	10116	2.235	ng	Qvalue 87
20) 3+4-Methylphenols	7.38	107	1534	Below Cal		88
25) Isophorone	7.52	82	422659	49.890	ng	# 64
32) Benzoic acid	8.03	122	121	5.772	ng	# 68
35) Caprolactam	8.71	113	3635	2.974	ng	# 1
49) Dimethylphthalate	9.70	163	22320	2.363	ng	# 92
53) 2,4-Dinitrophenol	10.14	184	295	5.618	ng	# 34
66) 4-Bromophenyl-phenylether	10.79	248	12187	4.803	ng	# 1

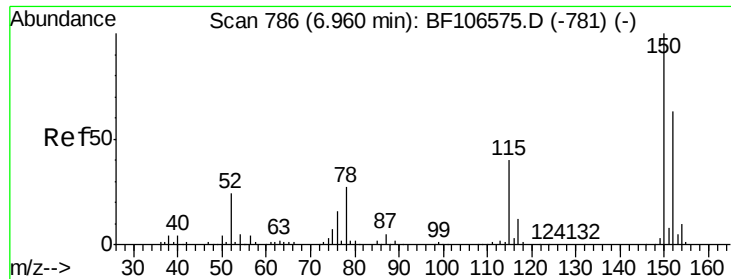
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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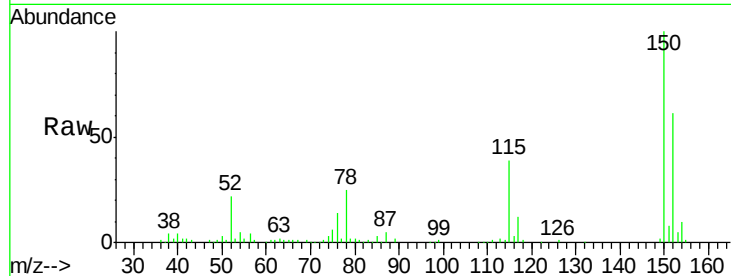


#1

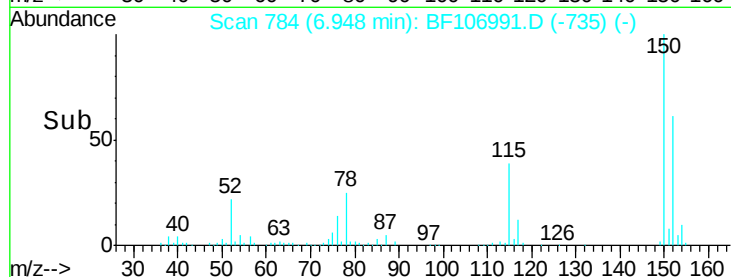
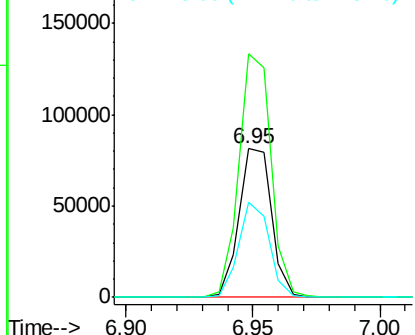
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF106991.D
Acq: 29 Jun 2018 23:47

Instrument :
BNA_F
ClientSampleId :
W-38

Tgt Ion:152 Resp: 73035
Ion Ratio Lower Upper
152 100
150 163.7 124.6 186.8
115 64.3 50.1 75.1



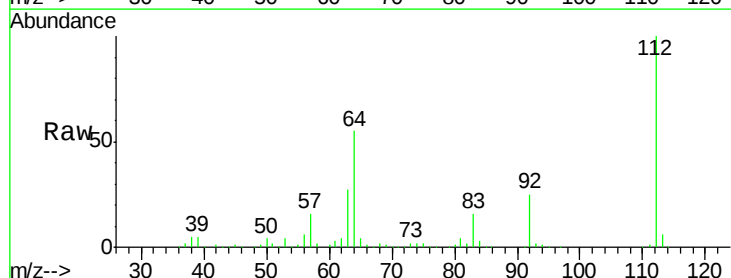
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



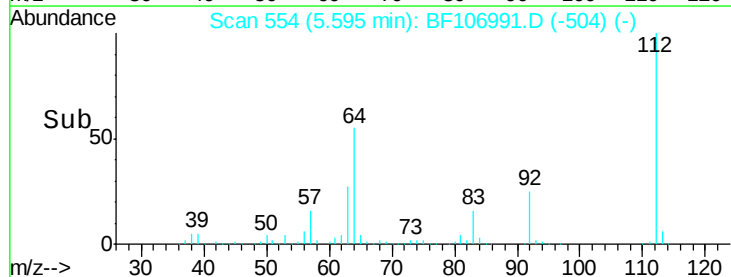
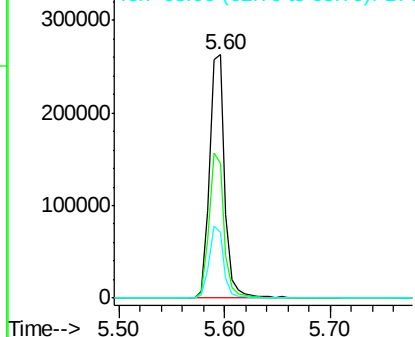
#5

2-Fluorophenol
Concen: 62.491 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106991.D
Acq: 29 Jun 2018 23:47

Tgt Ion:112 Resp: 269532
Ion Ratio Lower Upper
112 100
64 55.1 47.9 71.9
63 26.9 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: 39.127 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106991.D

Acq: 29 Jun 2018 23:47

Instrument :

BNA_F

ClientSampled :

W-38

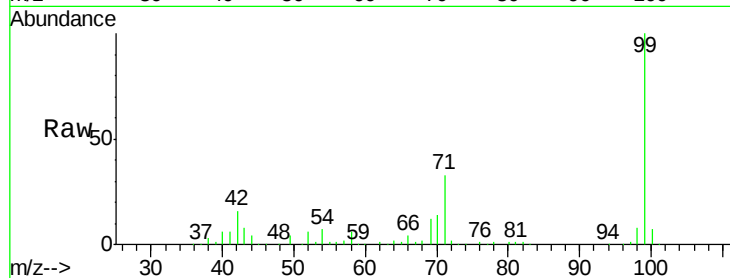
Tgt Ion: 99 Resp: 210747

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

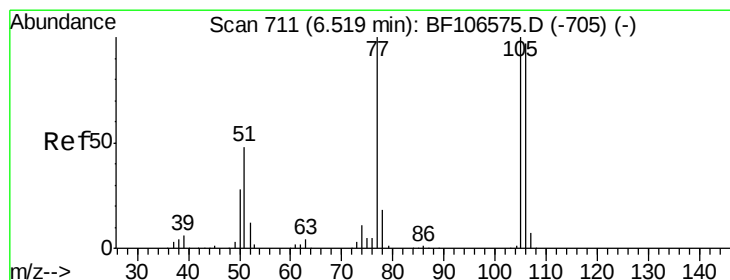
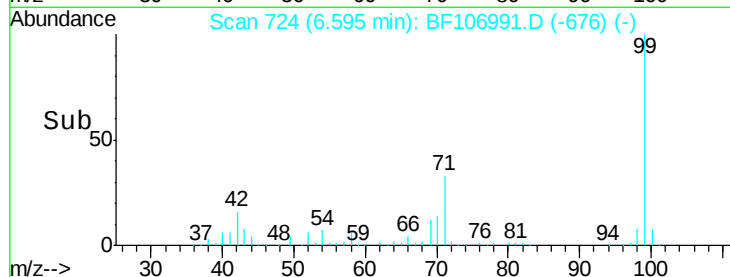
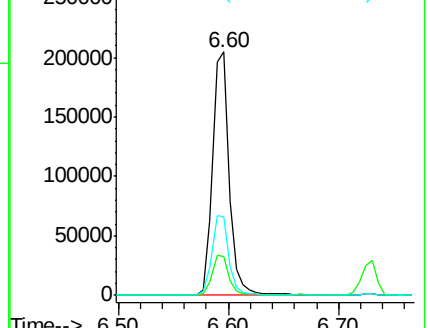
71 32.5 25.4 38.0



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: 2.235 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106991.D

Acq: 29 Jun 2018 23:47

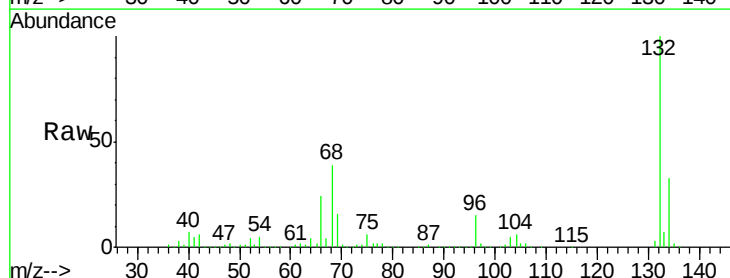
Tgt Ion: 77 Resp: 10116

Ion Ratio Lower Upper

77 100

105 87.9 81.1 121.1

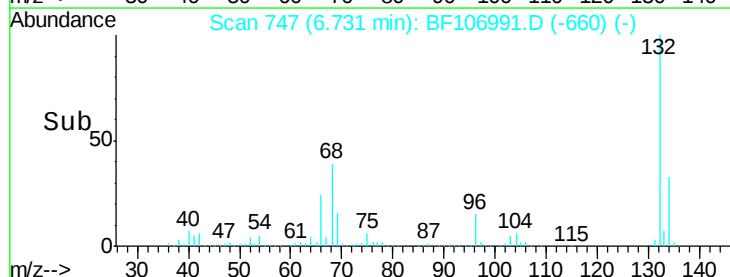
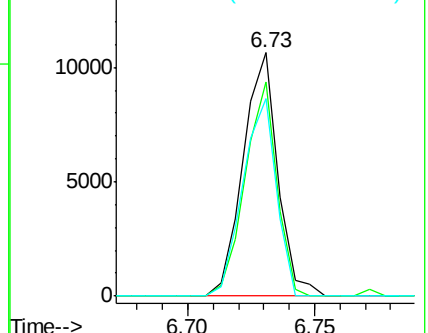
106 81.2 74.5 114.5

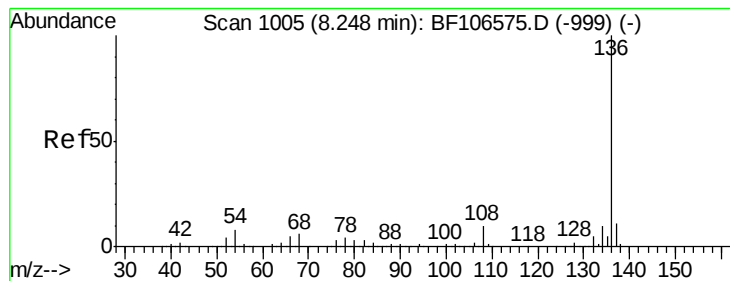


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1003

Delta R.T. -0.01 min

Lab File: BF106991.D

Acq: 29 Jun 2018 23:47

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 136 Resp: 267177

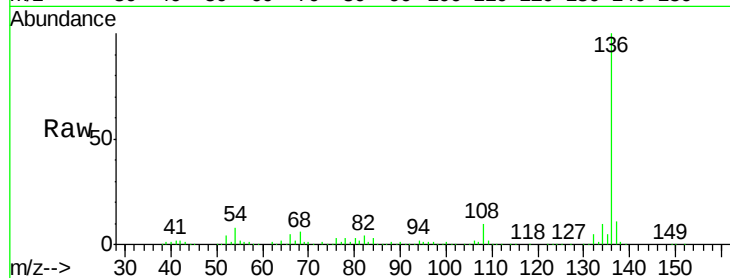
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 6.6 9.8

68 6.3 5.0 7.4

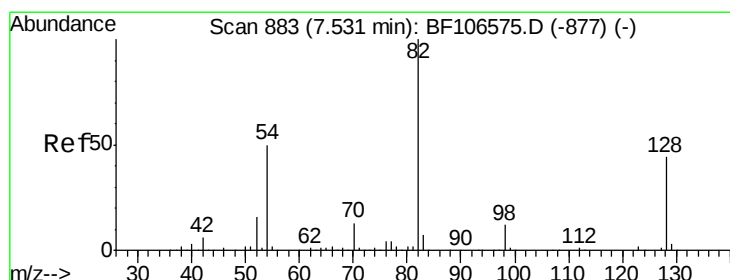
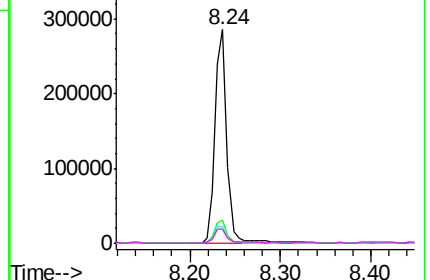
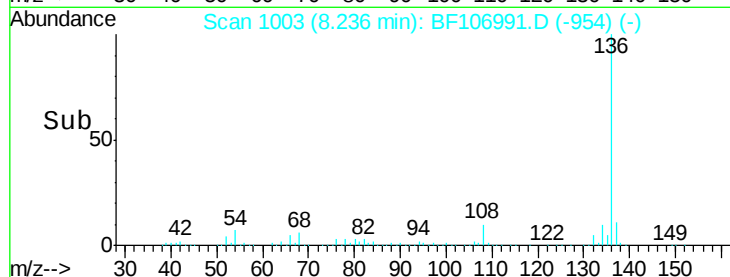


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.098 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106991.D

Acq: 29 Jun 2018 23:47

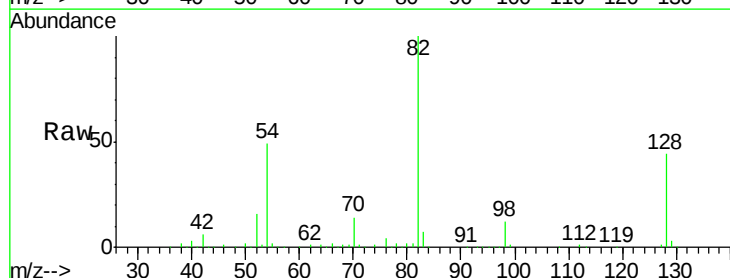
Tgt Ion: 82 Resp: 428349

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

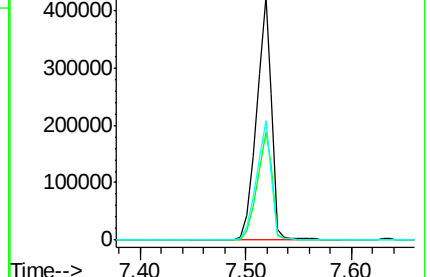
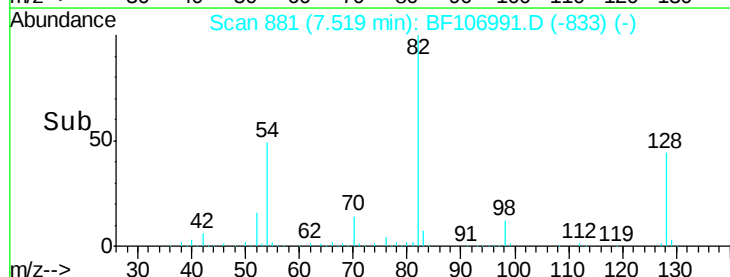
54 49.1 41.4 62.2

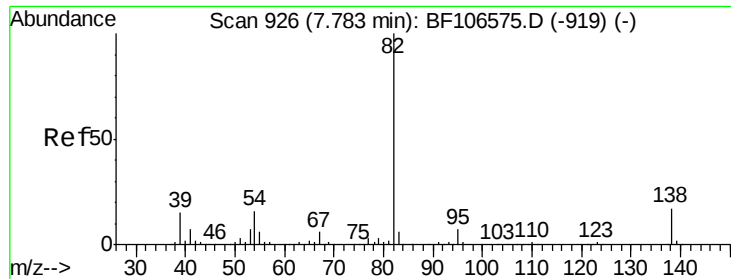


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.890 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106991.D

Acq: 29 Jun 2018 23:47

Instrument :

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ClientSampleId :

W-38

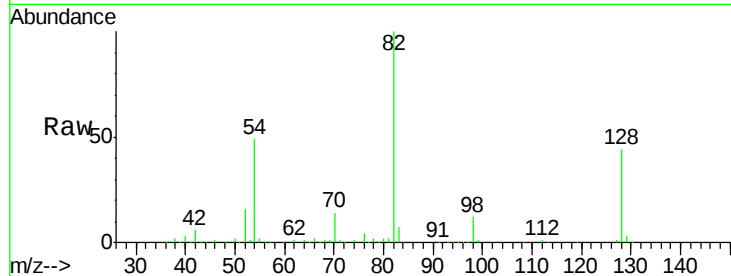
Tgt Ion: 82 Resp: 422659

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

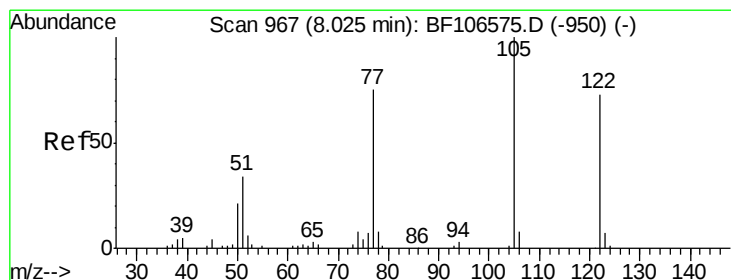
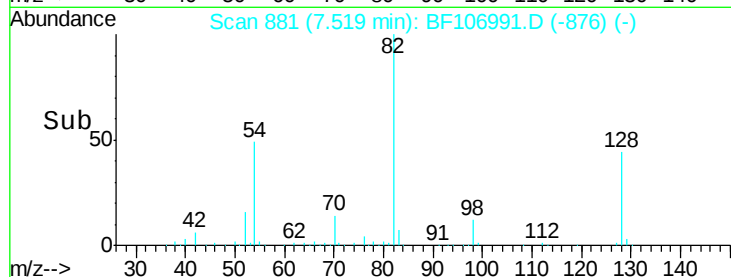
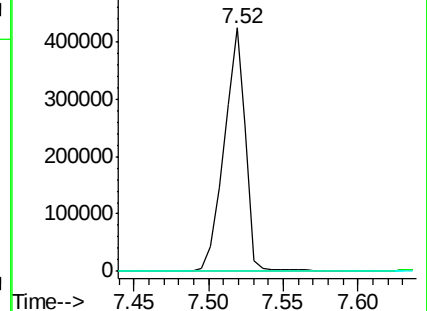
138 0.0 14.9 22.3#



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: 5.772 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF106991.D

Acq: 29 Jun 2018 23:47

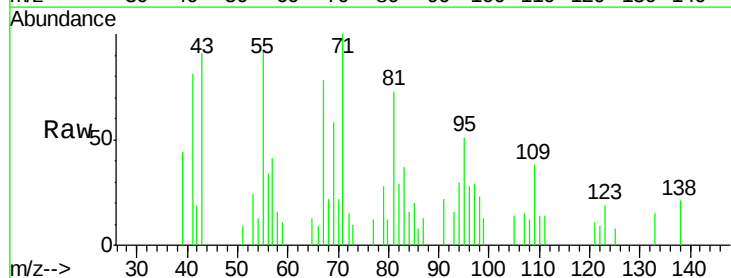
Tgt Ion: 122 Resp: 121

Ion Ratio Lower Upper

122 100

105 149.9 101.1 141.1#

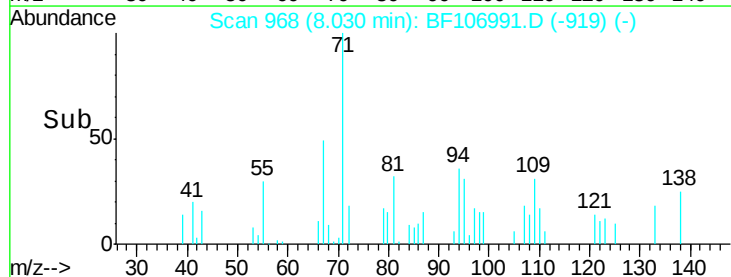
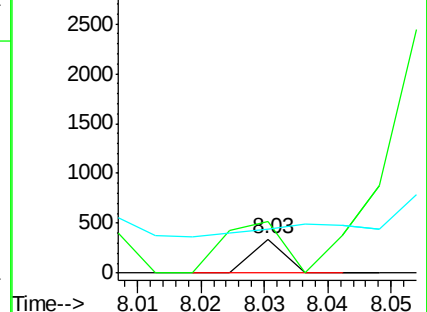
77 128.9 70.7 110.7#

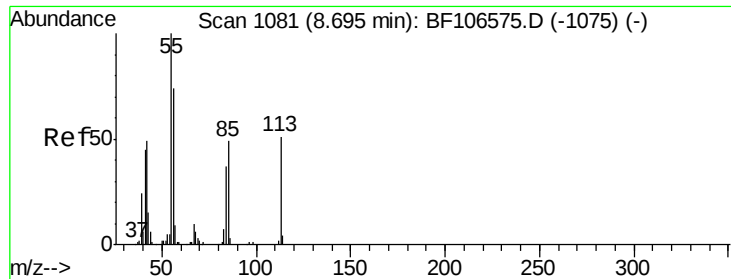


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#35

Caprolactam

Concen: 2.974 ng

RT: 8.71 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF106991.D

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Instrument :

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ClientSampleId :

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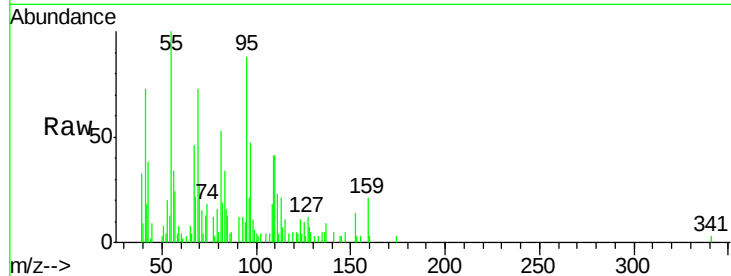
Tgt Ion:113 Resp: 3635

Ion Ratio Lower Upper

113 100

55 483.7 163.3 203.3#

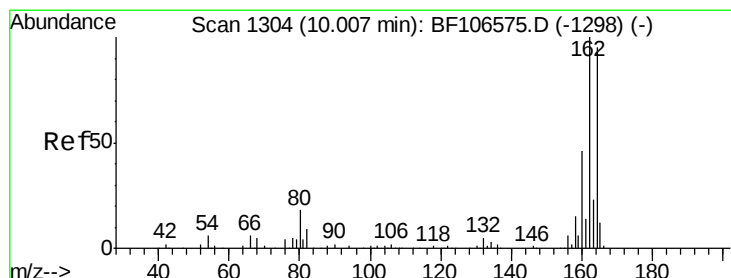
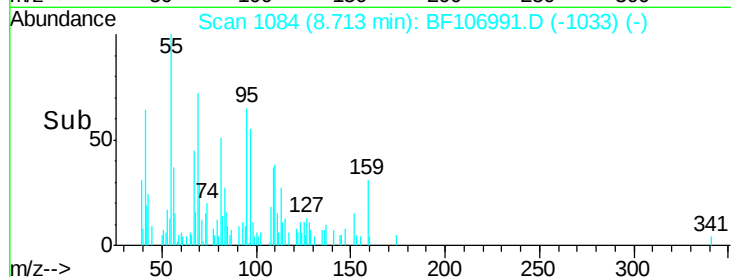
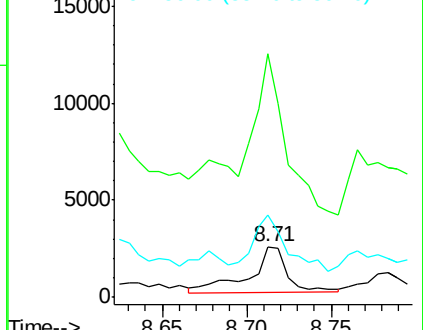
56 163.4 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

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# 1302

Delta R.T. -0.01 min

Lab File: BF106991.D

Acq: 29 Jun 2018 23:47

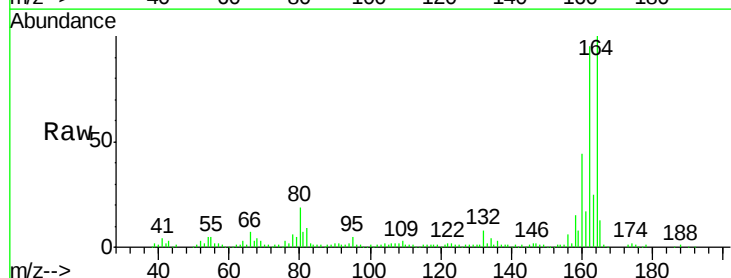
Tgt Ion:164 Resp: 125963

Ion Ratio Lower Upper

164 100

162 95.3 86.1 129.1

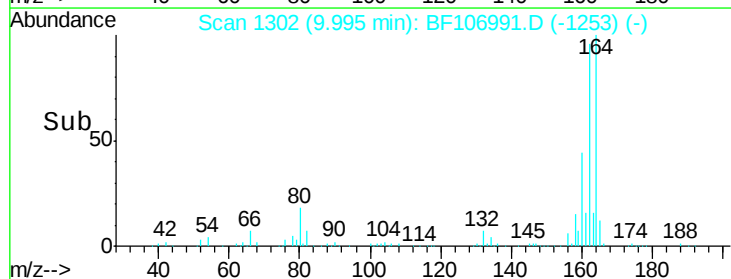
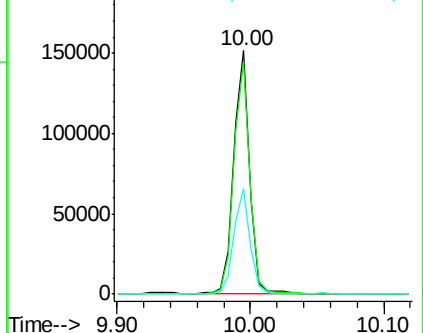
160 43.5 38.3 57.5

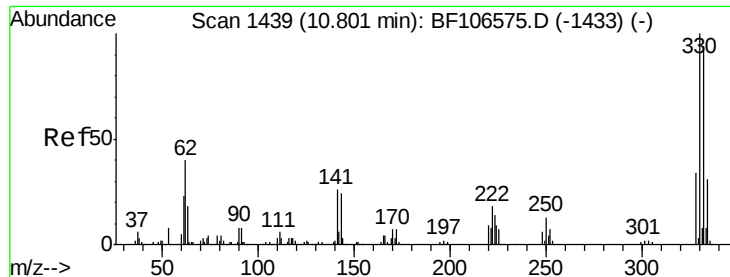


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

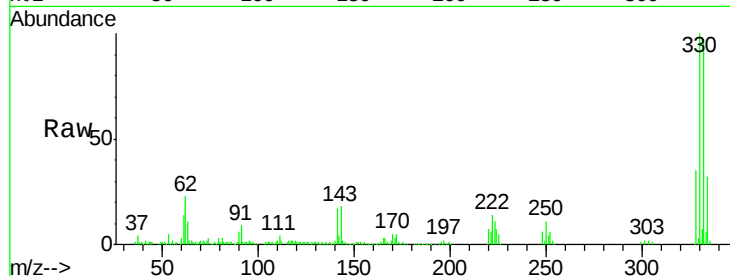




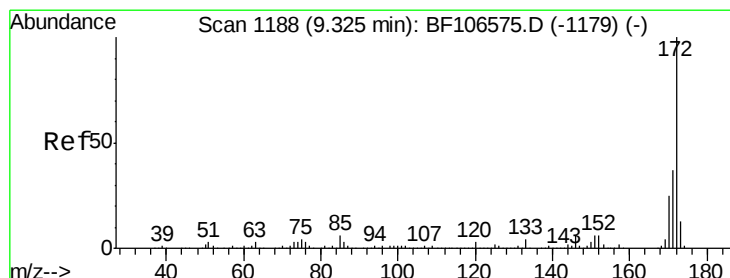
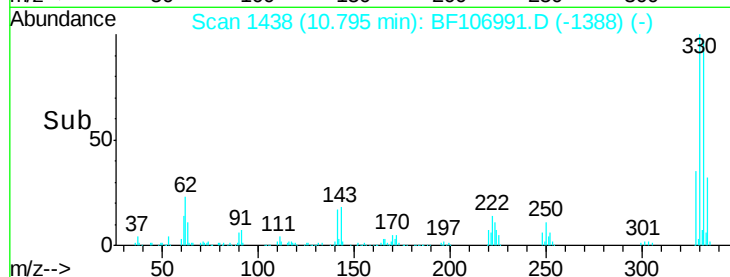
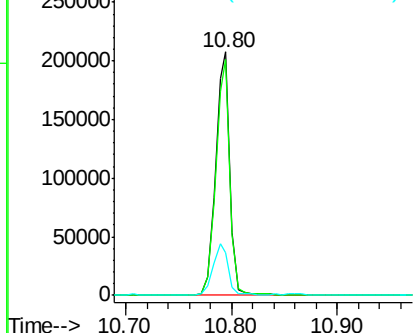
#41
 2,4,6-Tribromophenol
 Concen: 136.256 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106991.D
 Acq: 29 Jun 2018 23:47

Instrument :
 BNA_F
 ClientSampled :
 W-38

Tgt Ion:330 Resp: 198927
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 22.2 29.9 44.9#

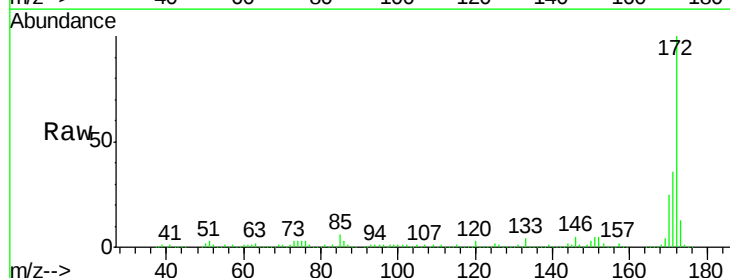


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

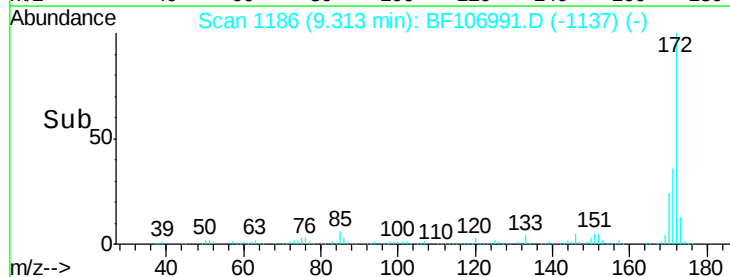
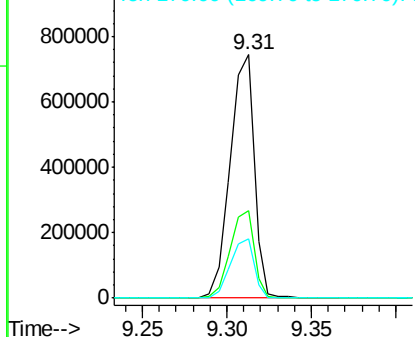


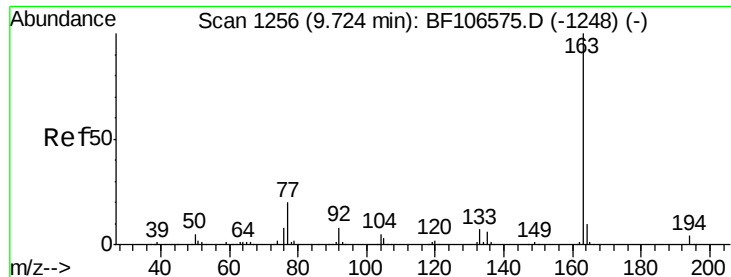
#44
 2-Fluorobiphenyl
 Concen: 102.321 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106991.D
 Acq: 29 Jun 2018 23:47

Tgt Ion:172 Resp: 739091
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.5 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

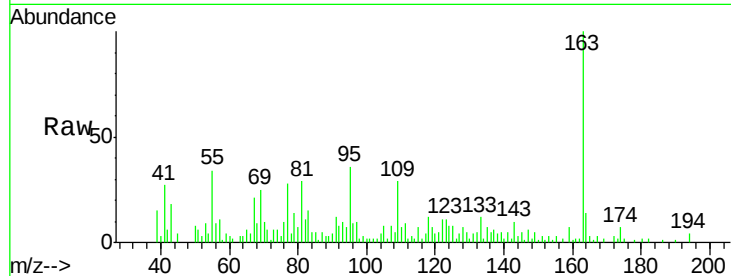




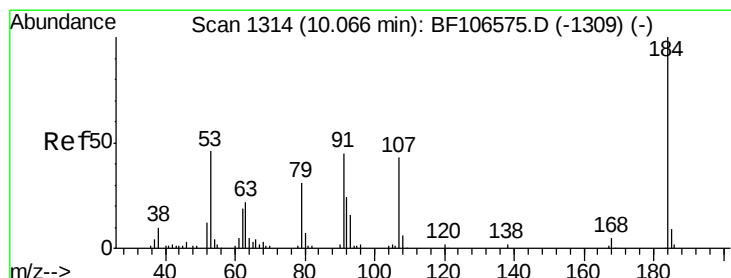
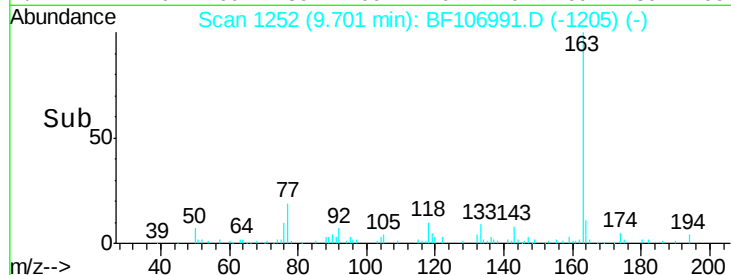
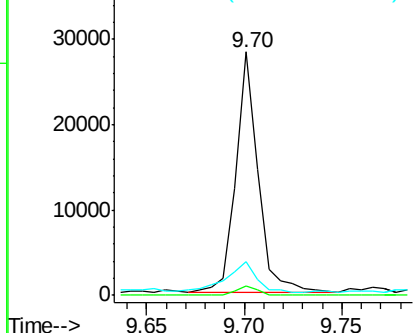
#49
Dimethylphthalate
Concen: 2.363 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106991.D
Acq: 29 Jun 2018 23:47

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 22320
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 13.8 8.2 12.2#

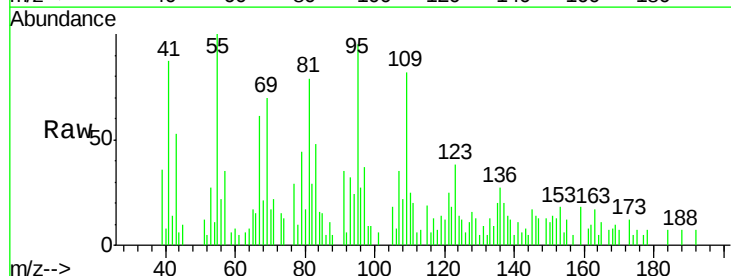


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

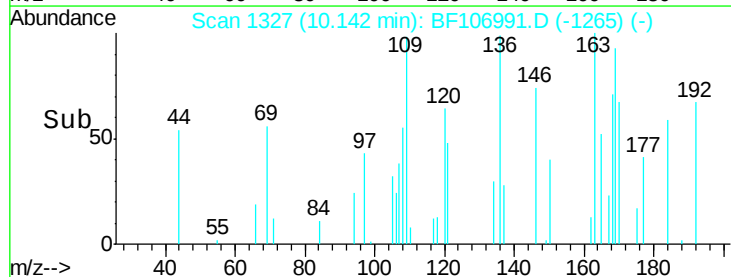
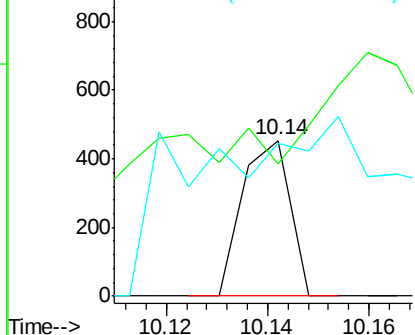


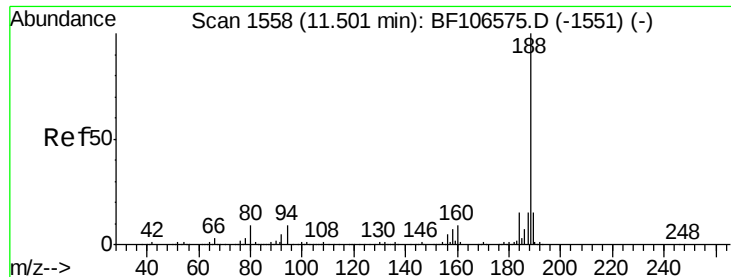
#53
2,4-Dinitrophenol
Concen: 5.618 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.06 min
Lab File: BF106991.D
Acq: 29 Jun 2018 23:47

Tgt Ion:184 Resp: 295
Ion Ratio Lower Upper
184 100
63 84.8 54.2 81.2#
154 98.0 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

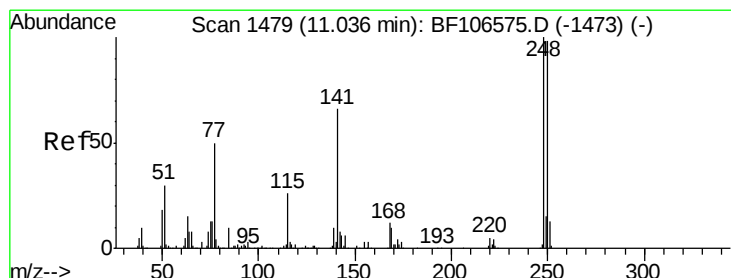
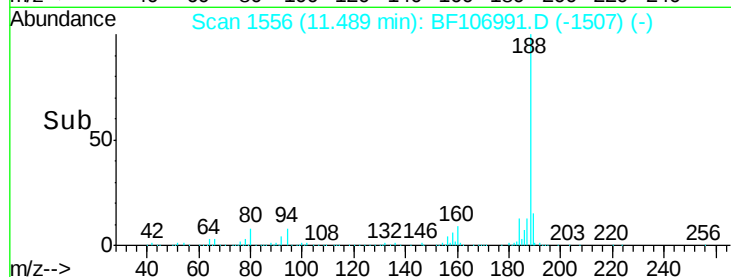
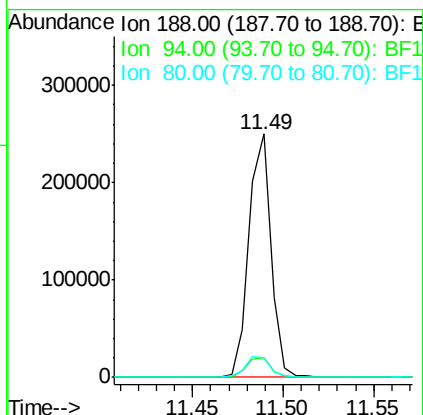
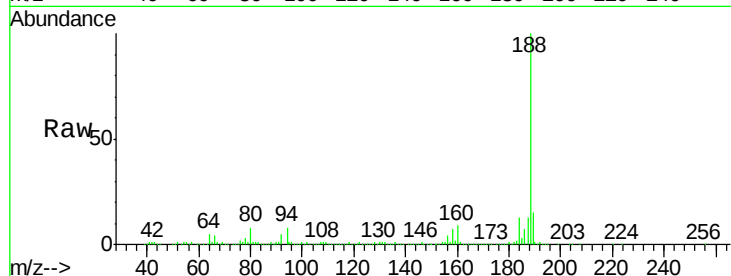




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106991.D
Acq: 29 Jun 2018 23:47

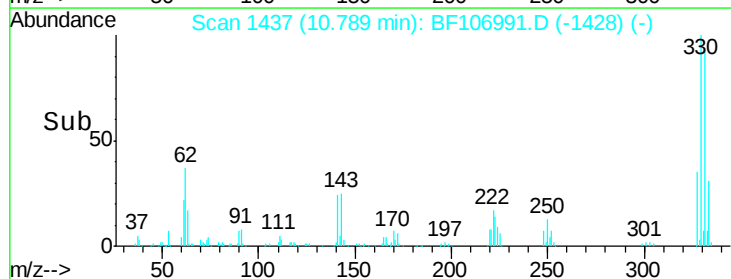
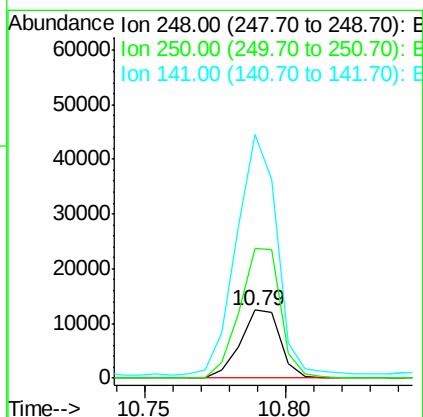
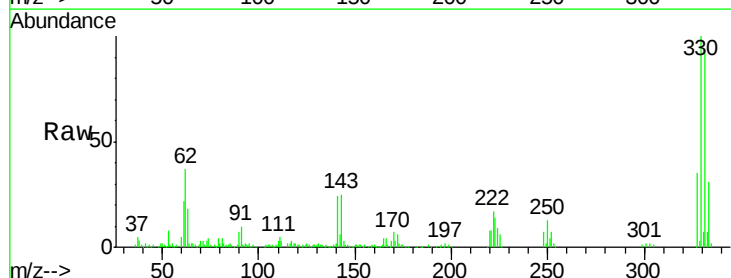
Instrument :
BNA_F
ClientSampleId :
W-38

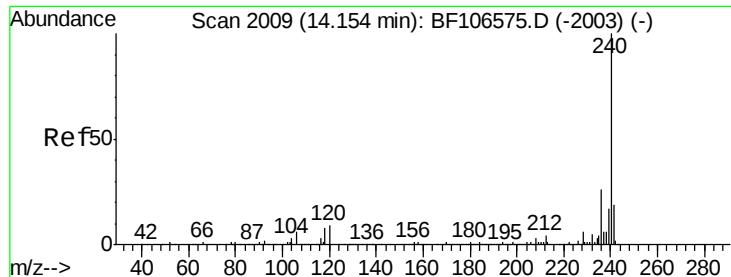
Tgt Ion:188 Resp: 212624
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.2 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 4.803 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106991.D
Acq: 29 Jun 2018 23:47

Tgt Ion:248 Resp: 12187
Ion Ratio Lower Upper
248 100
250 190.9 76.9 115.3#
141 359.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106991.D

Acq: 29 Jun 2018 23:47

Instrument :

BNA_F

ClientSampleId :

W-38

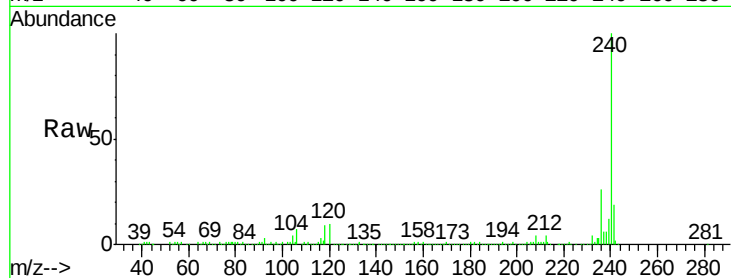
Tgt Ion:240 Resp: 207466

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

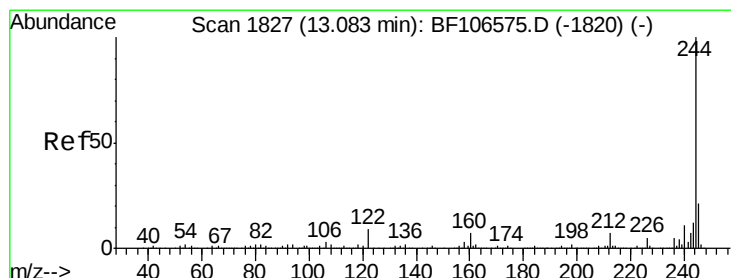
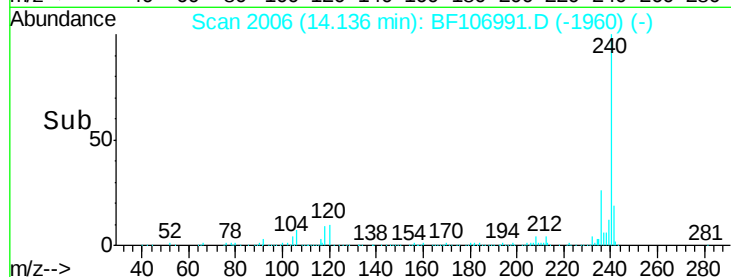
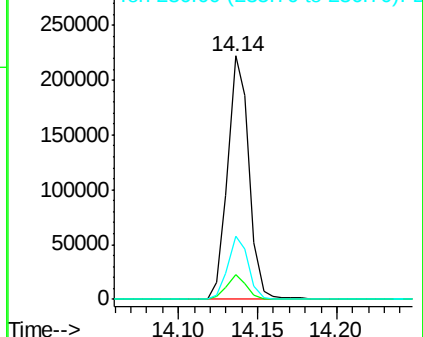
236 25.8 20.7 31.1



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: 84.750 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106991.D

Acq: 29 Jun 2018 23:47

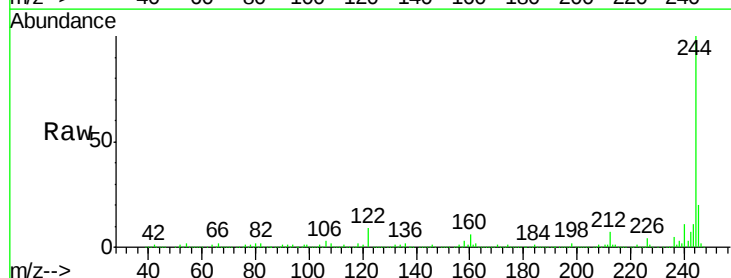
Tgt Ion:244 Resp: 725871

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

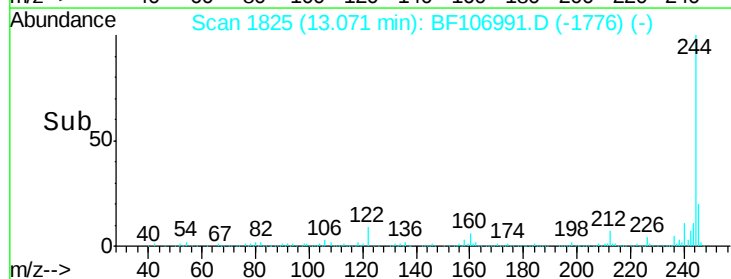
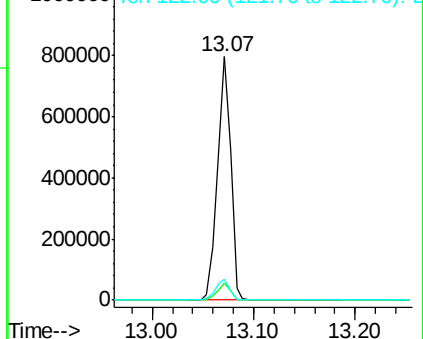
122 8.8 11.0 16.4#

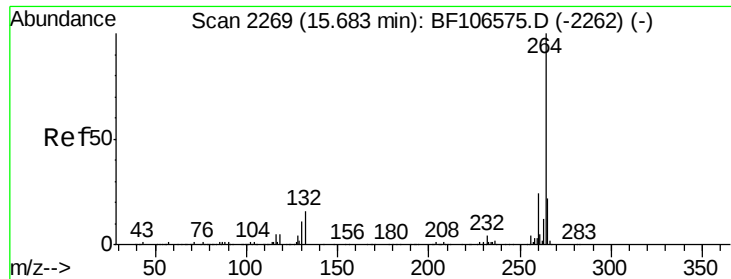


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106991.D
Acq: 29 Jun 2018 23:47

Instrument :
BNA_F
ClientSampleId :
W-38

Tgt Ion: 264 Resp: 167303
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 21.2 17.5 26.3

