

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106327.D
 Acq On : 12 Jun 2018 6:49
 Operator : JU/SJ
 Sample : J3308-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: Jun 12 08:05:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

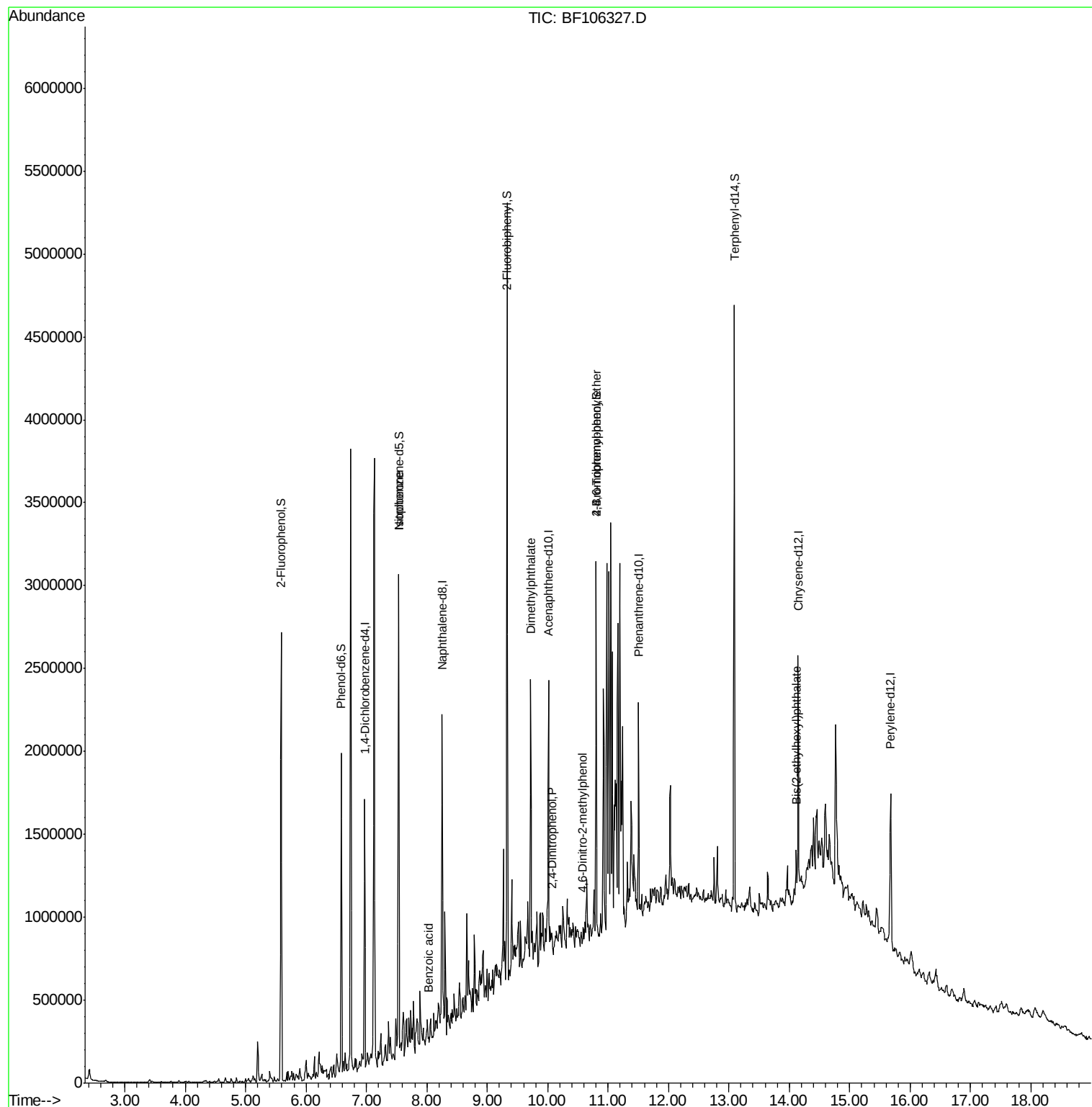
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	197185	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	692863	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	290780	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	465026	20.00	ng	0.00
75) Chrysene-d12	14.15	240	506586	20.00	ng	-0.01
86) Perylene-d12	15.68	264	394864	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	689976	59.22	ng	0.00
7) Phenol-d6	6.58	99	580968	39.47	ng	0.00
23) Nitrobenzene-d5	7.54	82	1007976	85.58	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	366613	131.04	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1552919	100.23	ng	0.00
78) Terphenyl-d14	13.09	244	1393771	68.34	ng	0.00
Target Compounds						
25) Isophorone	7.54	82	1007976	43.816	ng	# 65
32) Benzoic acid	8.03	122	4068	7.769	ng	# 17
49) Dimethylphthalate	9.72	163	132021	6.355	ng	# 94
53) 2,4-Dinitrophenol	10.08	184	1082	9.109	ng	# 60
64) 4,6-Dinitro-2-methylphenol	10.58	198	284	6.393	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	23620	4.466	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.11	149	76547	4.497	ng	96

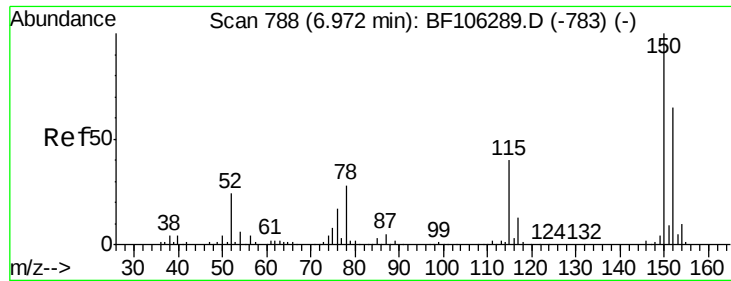
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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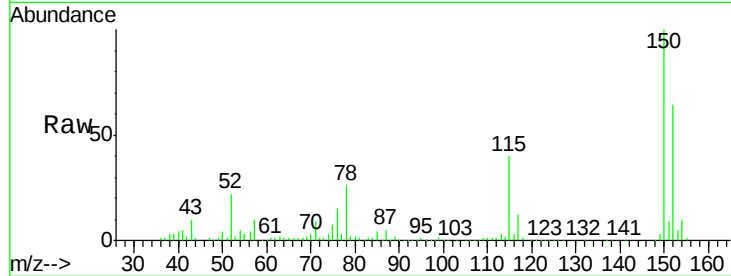


#1

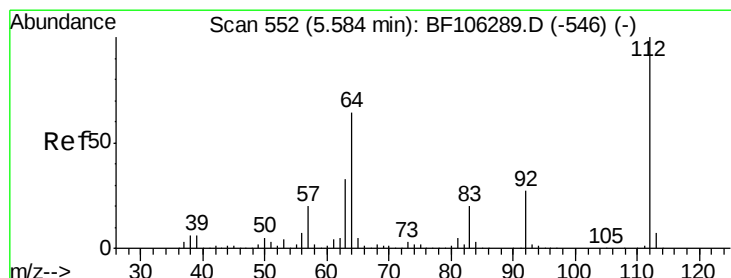
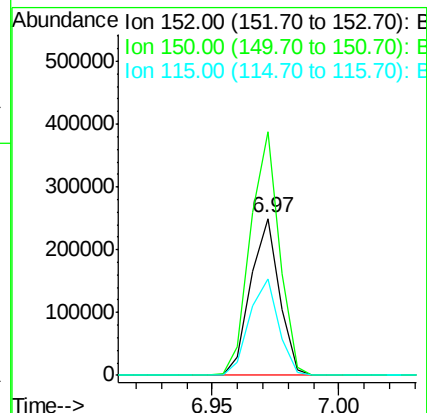
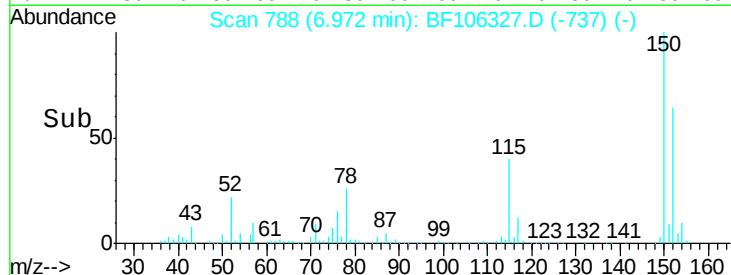
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF106327.D
 Acq: 12 Jun 2018 6:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tgt Ion:152 Resp: 197185
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 61.7 50.1 75.1



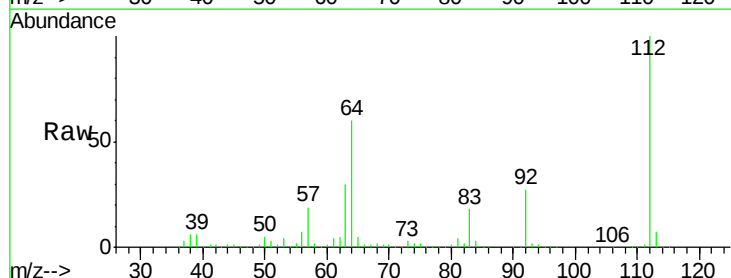
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



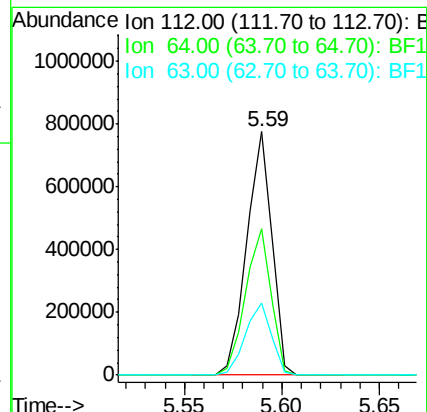
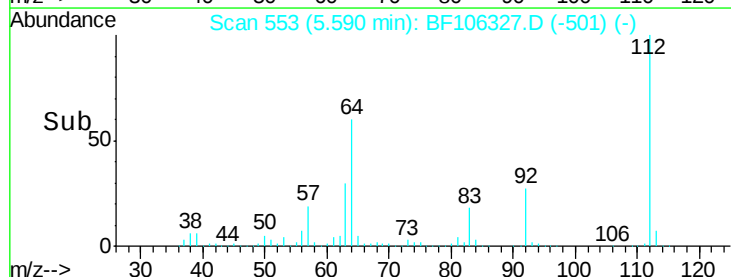
#5

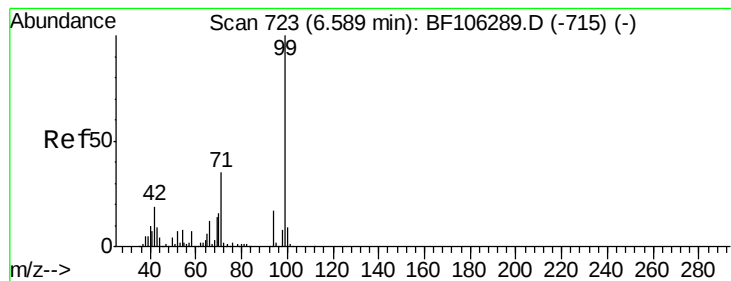
2-Fluorophenol
 Concen: 59.223 ng
 RT: 5.59 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF106327.D
 Acq: 12 Jun 2018 6:49

Tgt Ion:112 Resp: 689976
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.9 71.9
 63 29.6 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: 39.470 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106327.D

Acq: 12 Jun 2018 6:49

Instrument :

BNA_F

ClientSampled :

MW-09

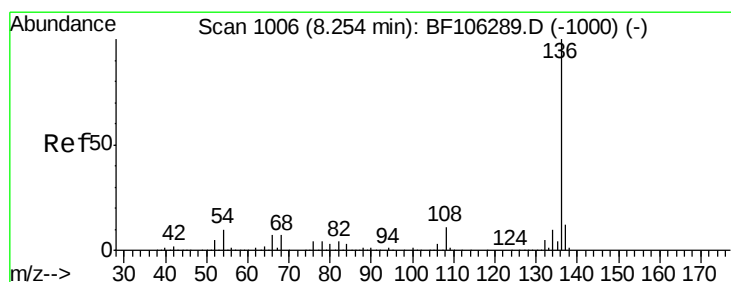
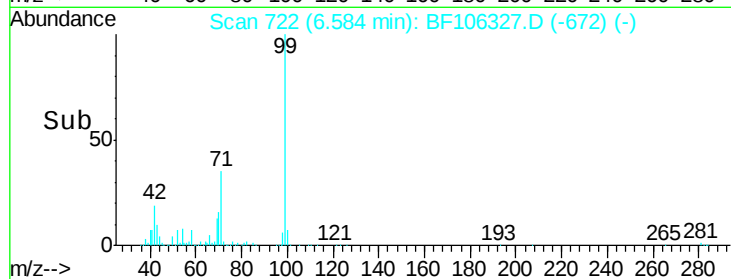
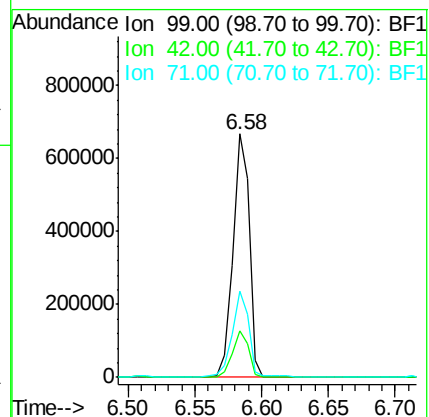
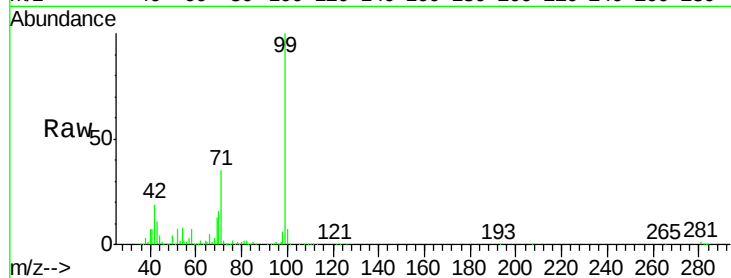
Tgt Ion: 99 Resp: 580968

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 35.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106327.D

Acq: 12 Jun 2018 6:49

Tgt Ion: 136 Resp: 692863

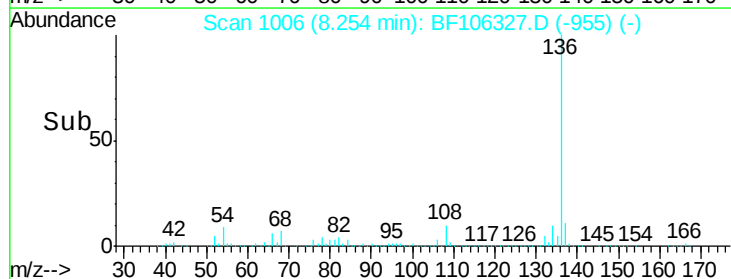
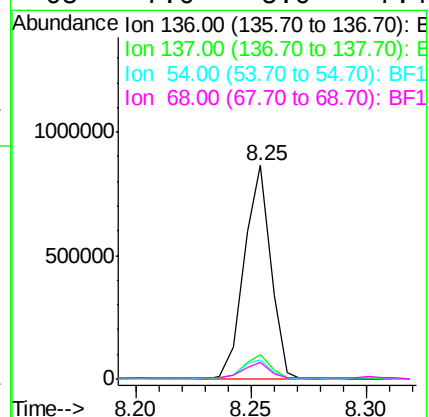
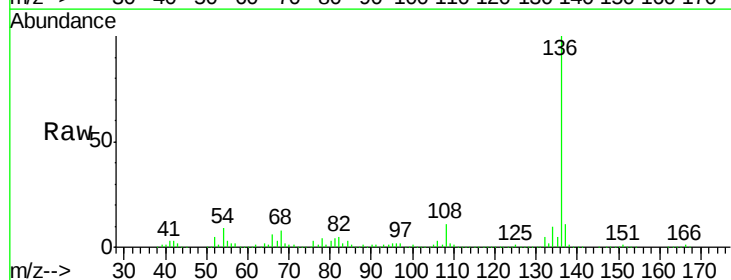
Ion Ratio Lower Upper

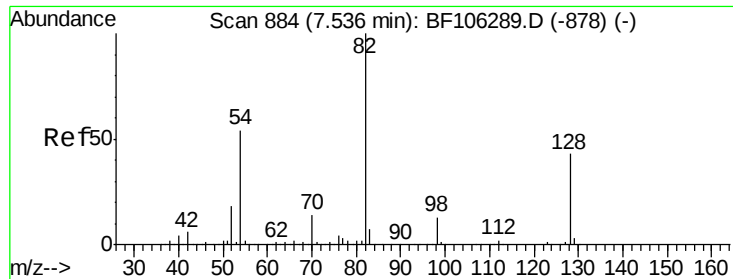
136 100

137 11.2 8.9 13.3

54 9.1 6.6 9.8

68 7.6 5.0 7.4#

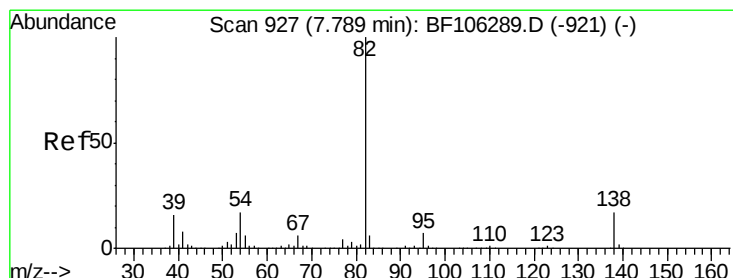
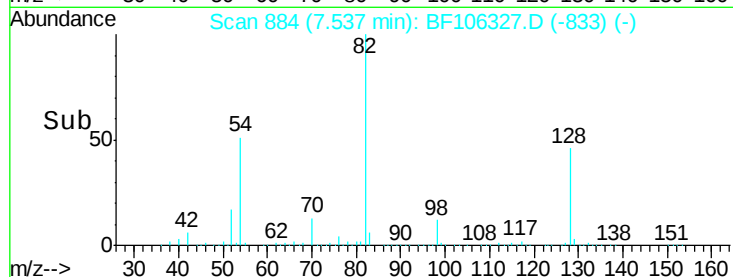
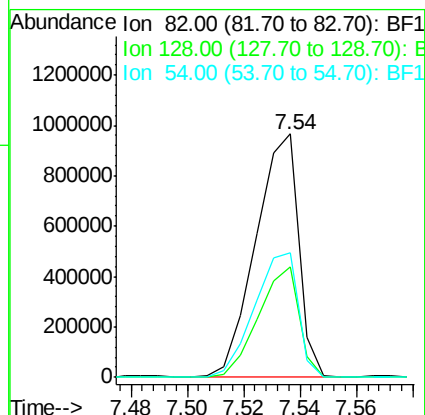
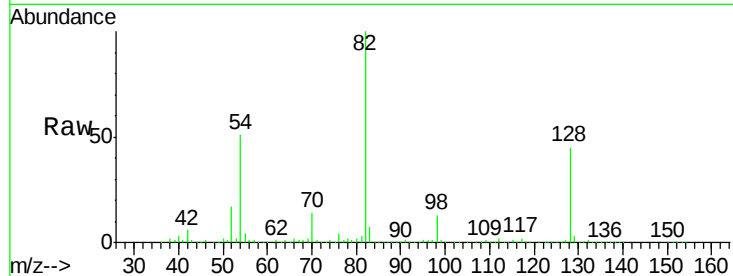




#23
Nitrobenzene-d5
Concen: 85.584 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106327.D
Acq: 12 Jun 2018 6:49

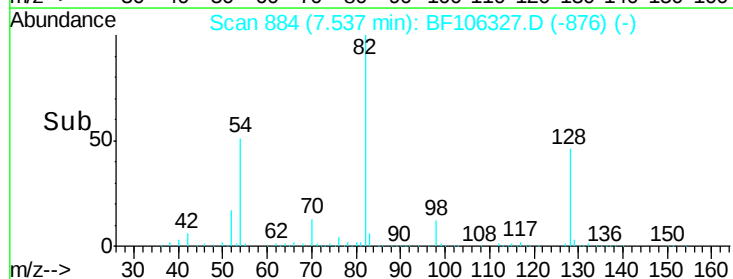
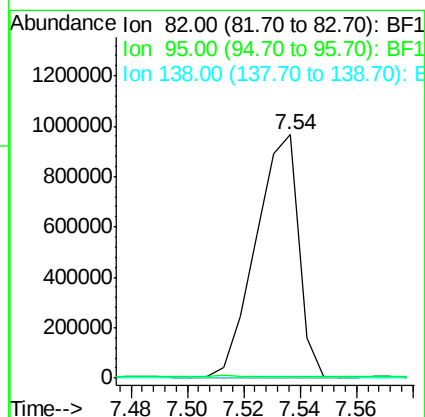
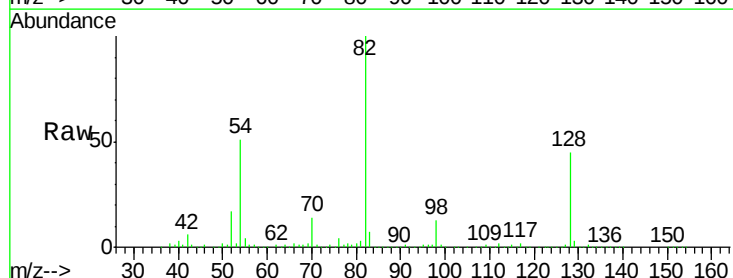
Instrument :
BNA_F
ClientSampleId :
MW-09

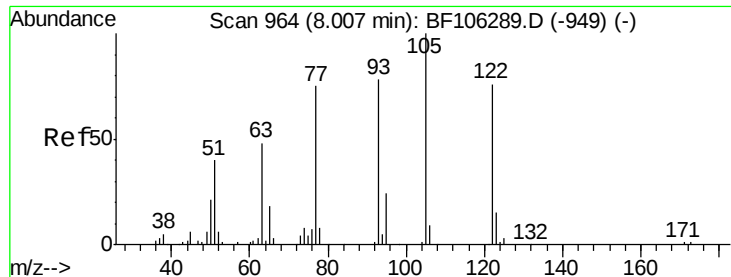
Tgt Ion: 82 Resp: 1007976
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 51.1 41.4 62.2



#25
Isophorone
Concen: 43.816 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.25 min
Lab File: BF106327.D
Acq: 12 Jun 2018 6:49

Tgt Ion: 82 Resp: 1007976
Ion Ratio Lower Upper
82 100
95 0.8 5.2 7.8#
138 0.1 14.9 22.3#





#32

Benzoic acid

Concen: 7.769 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.02 min

Lab File: BF106327.D

Acq: 12 Jun 2018 6:49

Instrument :

BNA_F

ClientSampleId :

MW-09

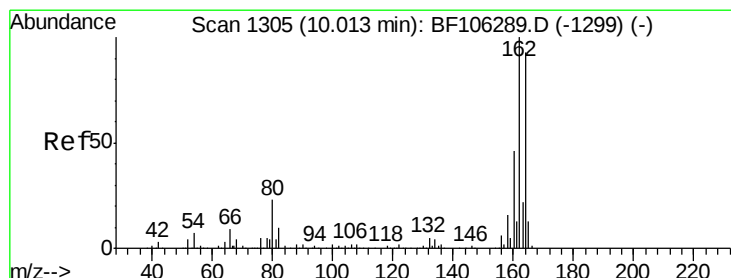
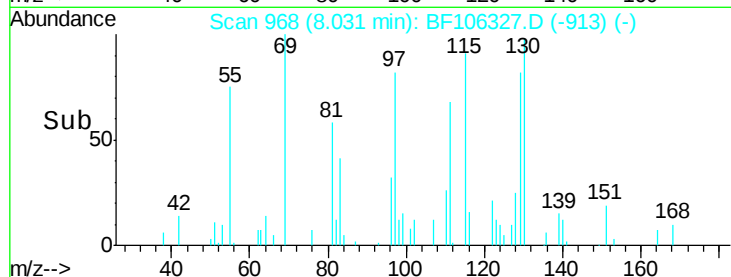
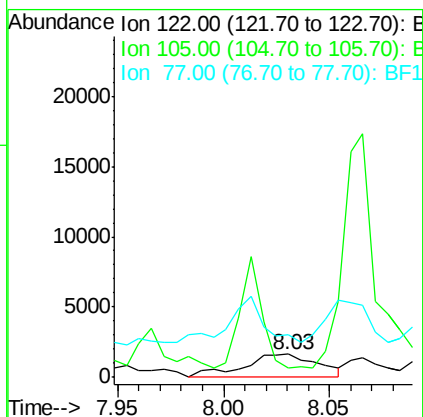
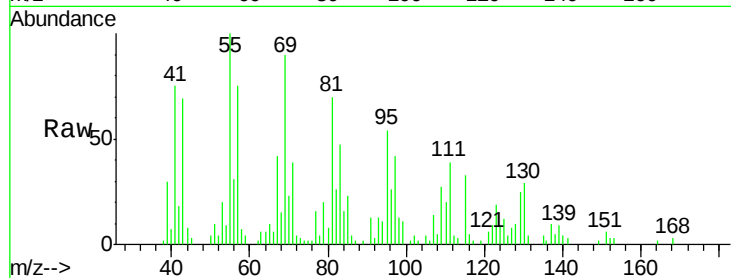
Tgt Ion:122 Resp: 4068

Ion Ratio Lower Upper

122 100

105 42.4 101.1 141.1#

77 185.9 70.7 110.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF106327.D

Acq: 12 Jun 2018 6:49

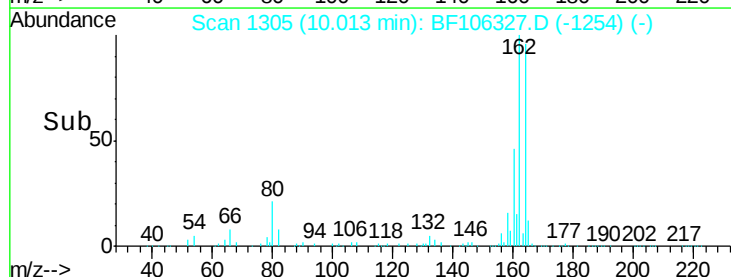
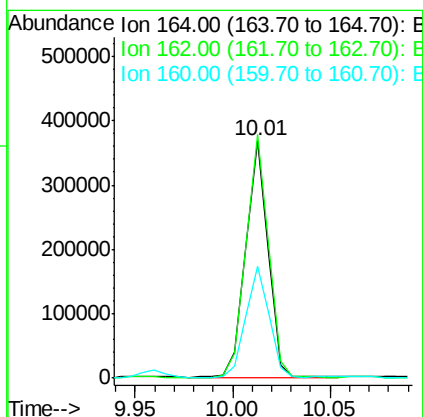
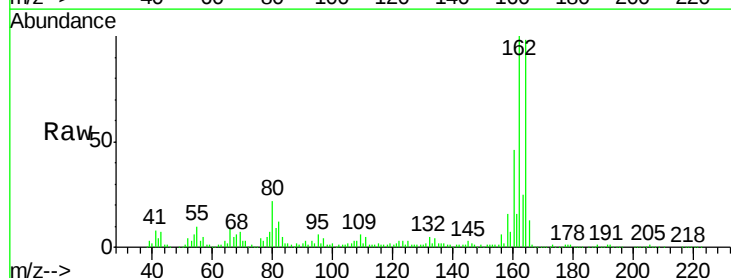
Tgt Ion:164 Resp: 290780

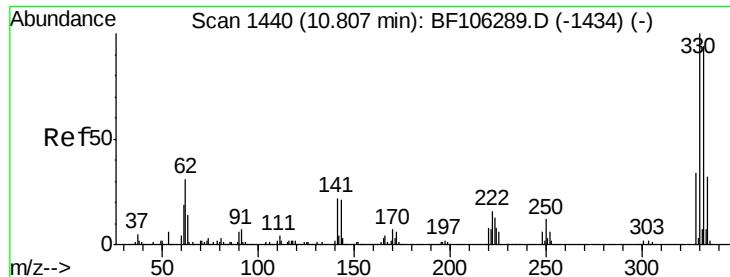
Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

160 46.9 38.3 57.5

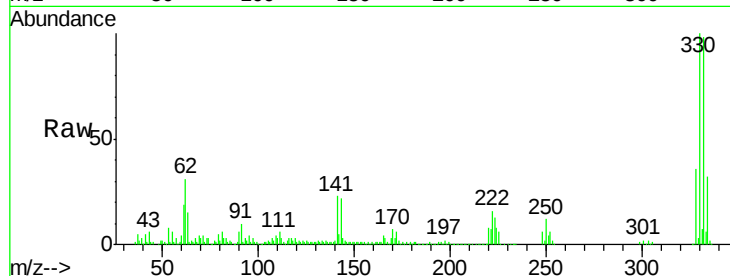




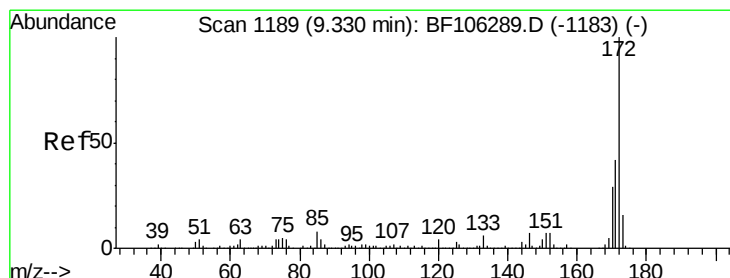
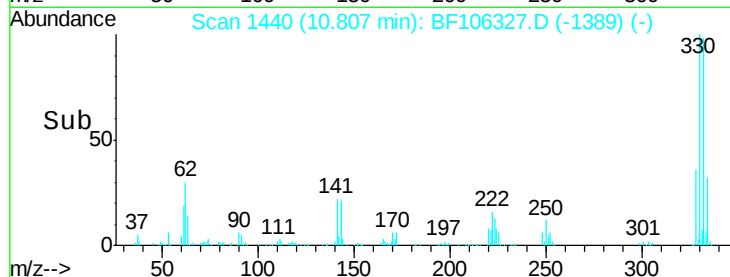
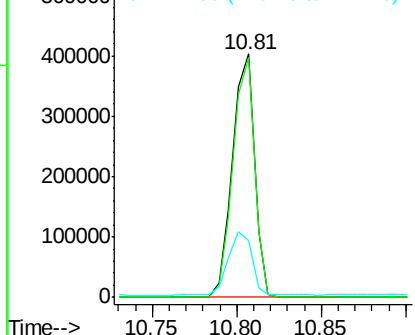
#41
 2,4,6-Tribromophenol
 Concen: 131.036 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106327.D
 Acq: 12 Jun 2018 6:49

Instrument :
 BNA_F
 ClientSampled :
 MW-09

Tgt Ion:330 Resp: 366613
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 27.8 29.9 44.9#

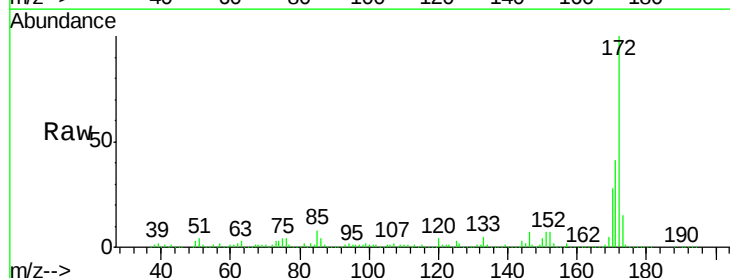


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

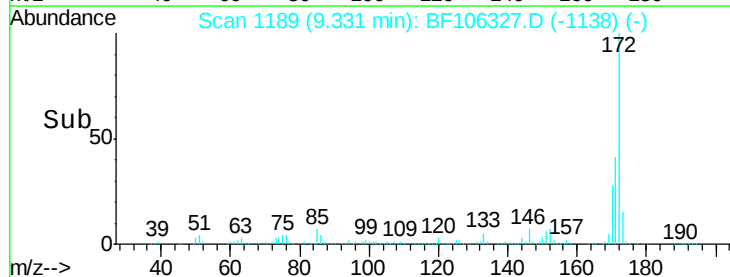
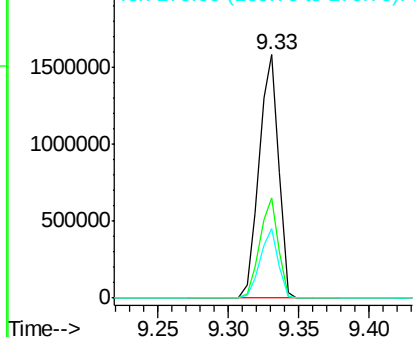


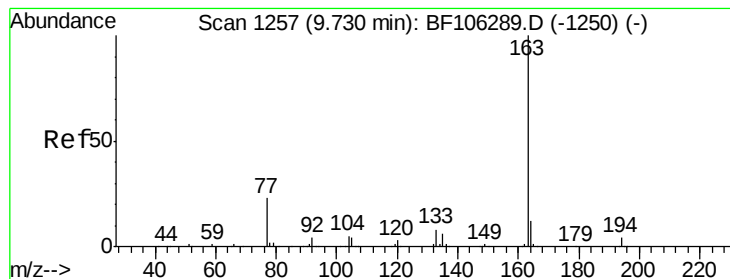
#44
 2-Fluorobiphenyl
 Concen: 100.232 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106327.D
 Acq: 12 Jun 2018 6:49

Tgt Ion:172 Resp: 1552919
 Ion Ratio Lower Upper
 172 100
 171 41.4 29.7 44.5
 170 28.3 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: 6.355 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106327.D

Acq: 12 Jun 2018 6:49

Instrument :

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ClientSampleId :

MW-09

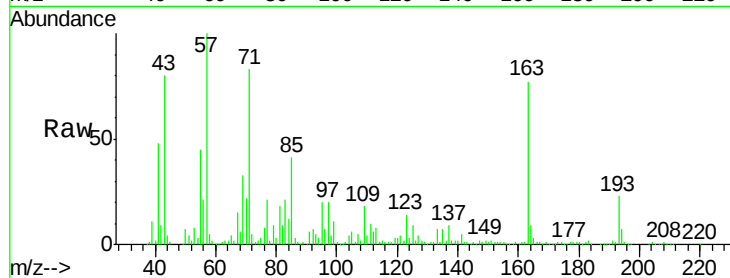
Tgt Ion:163 Resp: 132021

Ion Ratio Lower Upper

163 100

194 8.6 2.7 4.1#

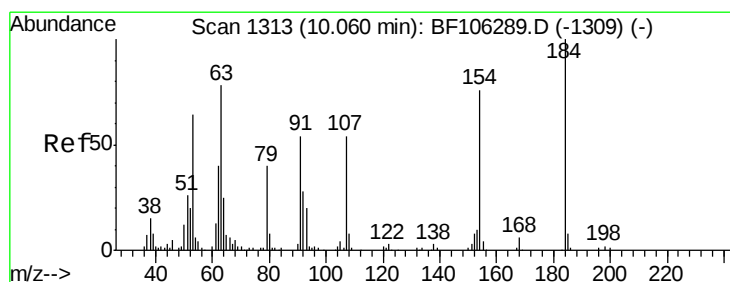
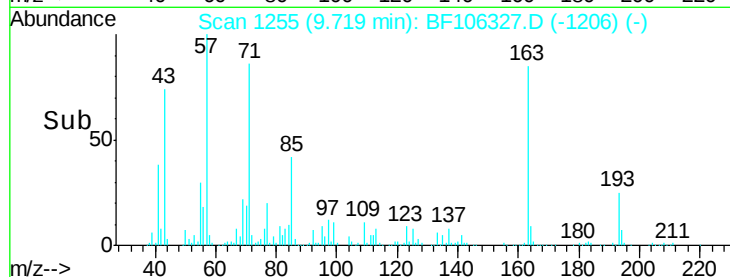
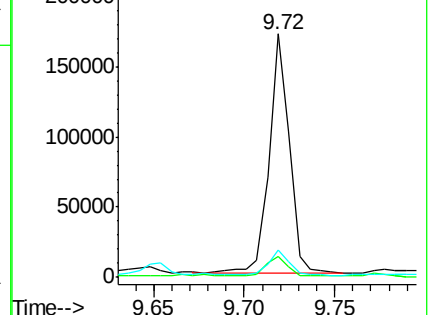
164 11.5 8.2 12.2



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: 9.109 ng

RT: 10.08 min Scan# 1316

Delta R.T. 0.02 min

Lab File: BF106327.D

Acq: 12 Jun 2018 6:49

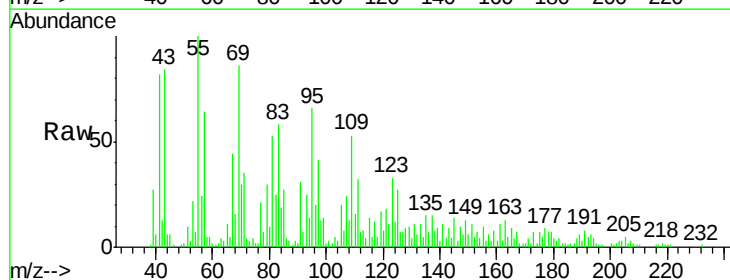
Tgt Ion:184 Resp: 1082

Ion Ratio Lower Upper

184 100

63 192.7 54.2 81.2#

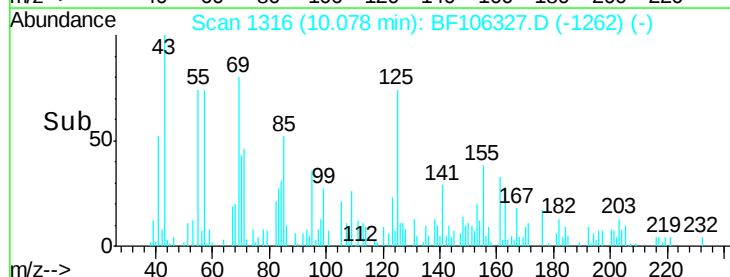
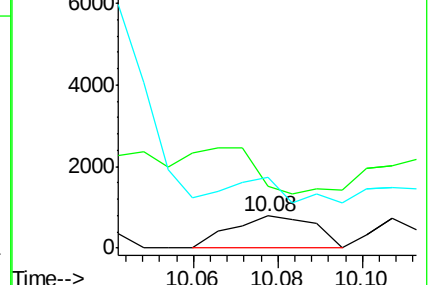
154 220.8 184.0 276.0

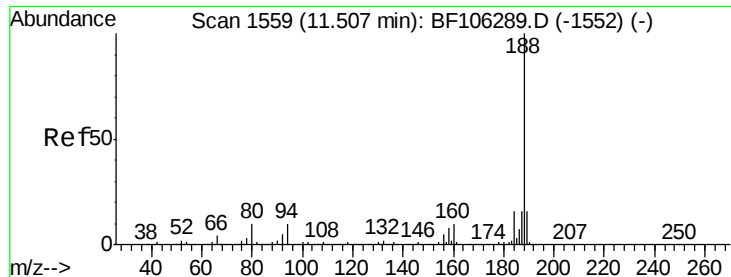


Abundance Ion 184.00 (183.70 to 184.70): E

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: 11.51 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF106327.D

Acq: 12 Jun 2018 6:49

Instrument :

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MW-09

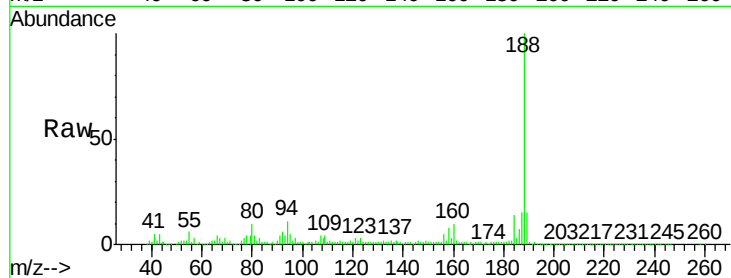
Tgt Ion:188 Resp: 465026

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

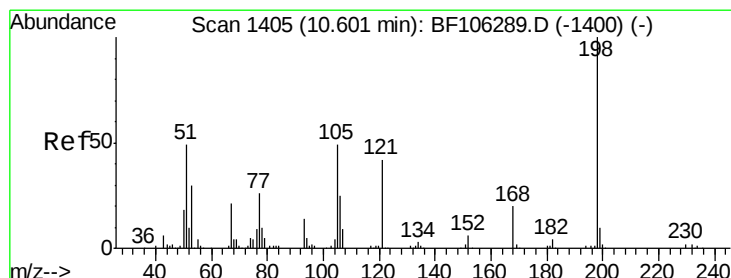
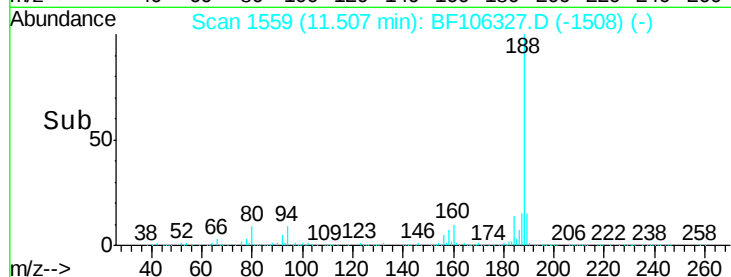
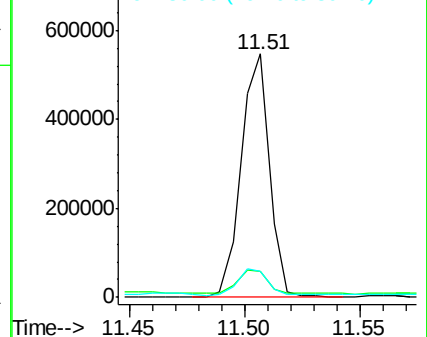
80 10.5 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.393 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BF106327.D

Acq: 12 Jun 2018 6:49

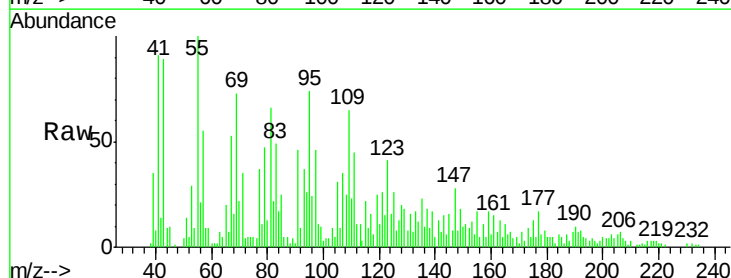
Tgt Ion:198 Resp: 284

Ion Ratio Lower Upper

198 100

51 704.7 37.7 77.7#

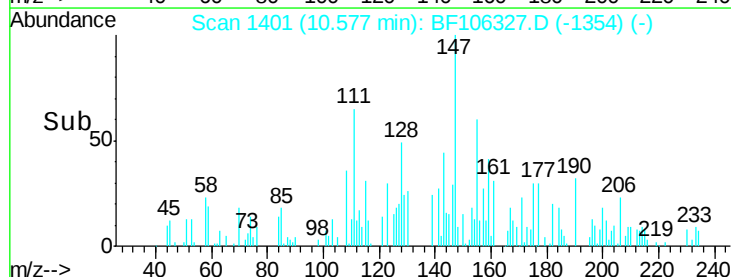
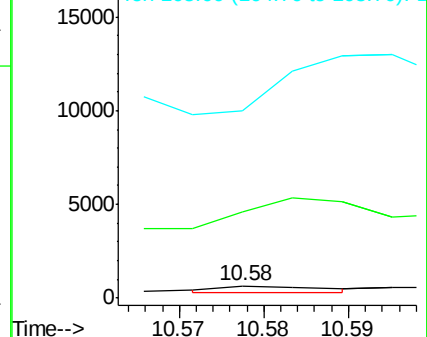
105 1530.8 36.3 76.3#

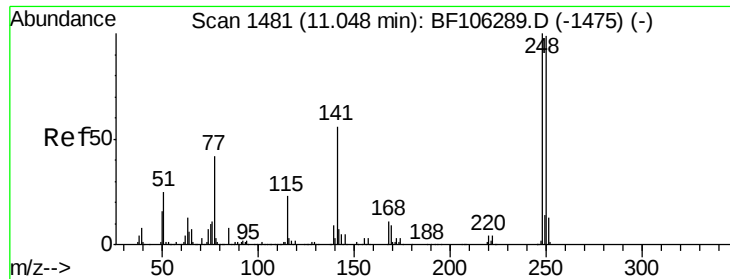


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

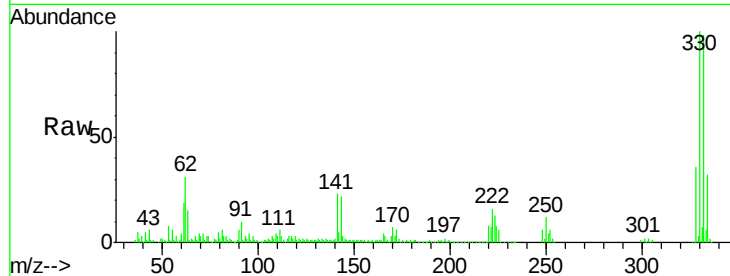




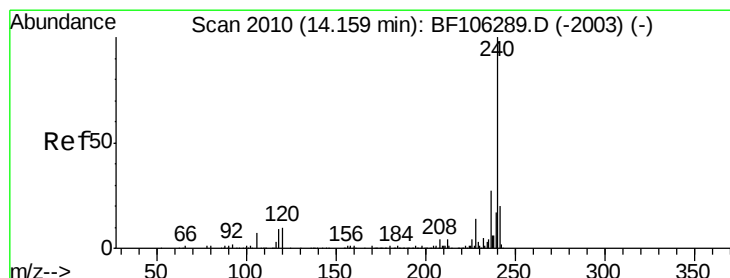
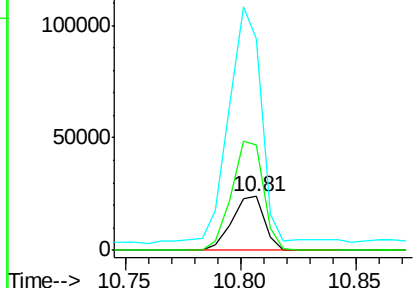
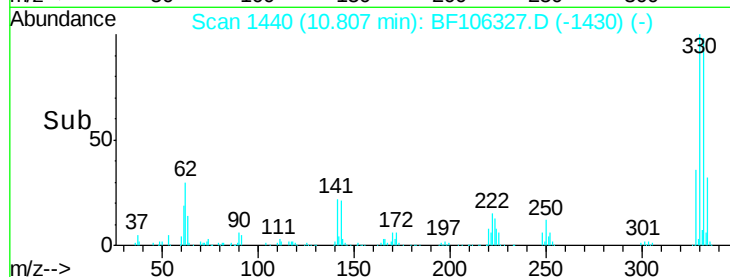
#66
 4-Bromophenyl-phenylether
 Concen: 4.466 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF106327.D
 Acq: 12 Jun 2018 6:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tgt Ion:248 Resp: 23620
 Ion Ratio Lower Upper
 248 100
 250 195.5 76.9 115.3#
 141 392.5 74.4 111.6#

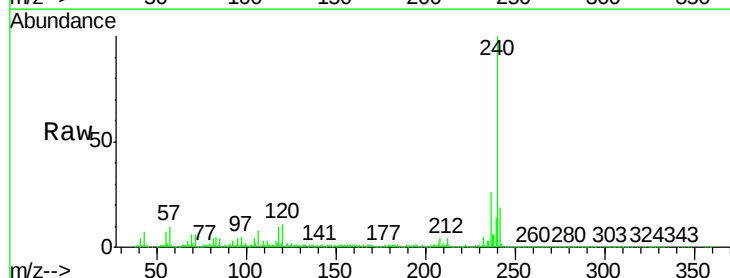


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

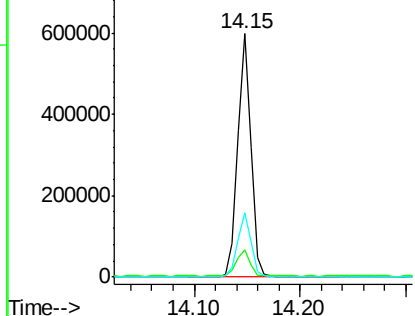
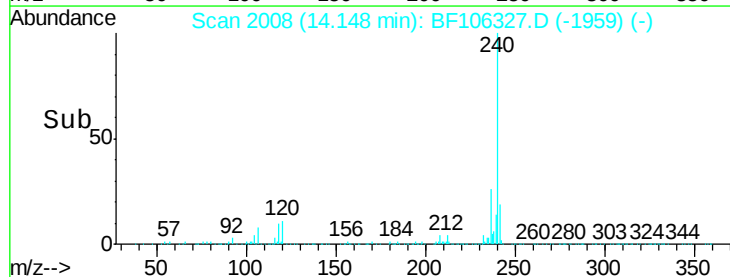


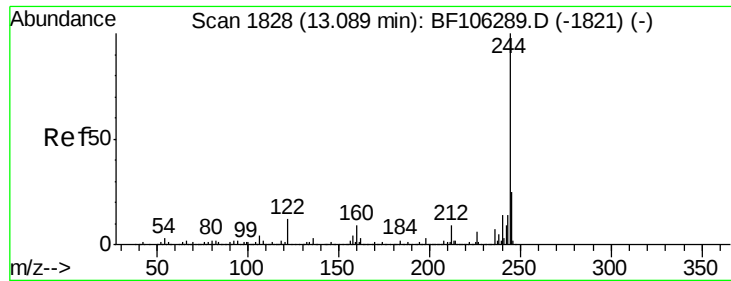
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106327.D
 Acq: 12 Jun 2018 6:49

Tgt Ion:240 Resp: 506586
 Ion Ratio Lower Upper
 240 100
 120 11.0 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: 68.336 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106327.D

Acq: 12 Jun 2018 6:49

Instrument :

BNA_F

ClientSampleId :

MW-09

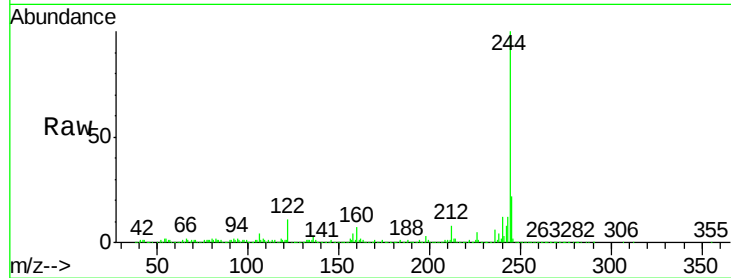
Tgt Ion:244 Resp: 1393771

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

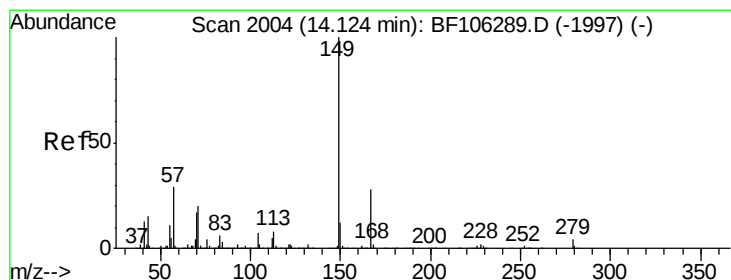
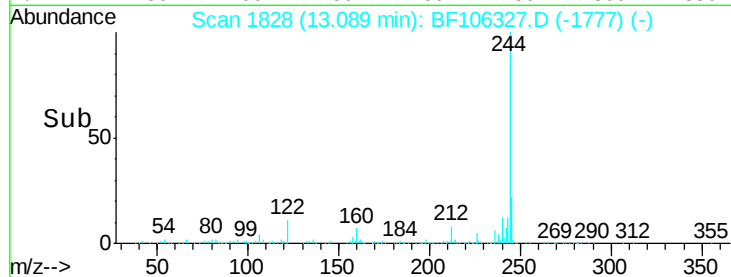
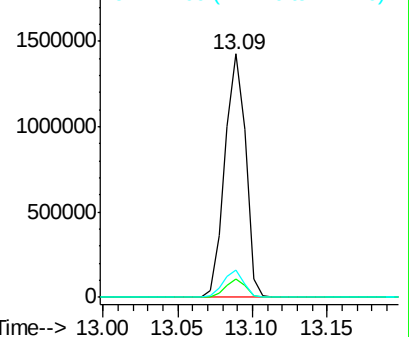
122 11.3 11.0 16.4



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: 4.497 ng

RT: 14.11 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF106327.D

Acq: 12 Jun 2018 6:49

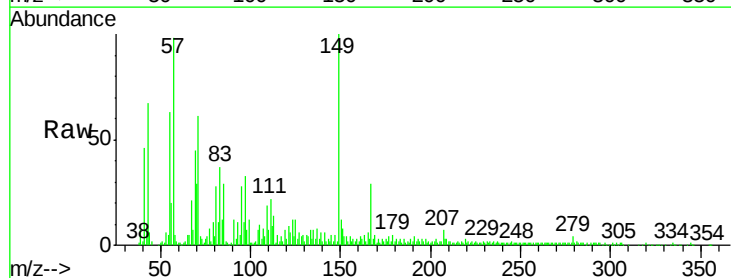
Tgt Ion:149 Resp: 76547

Ion Ratio Lower Upper

149 100

167 29.1 21.3 31.9

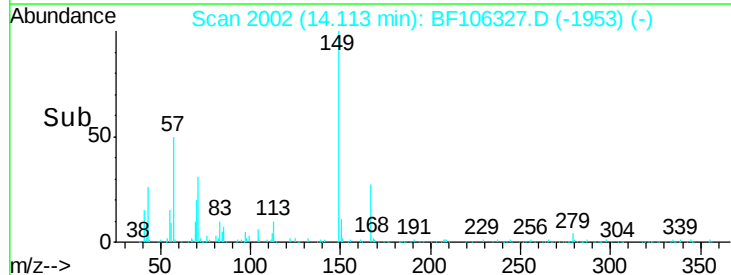
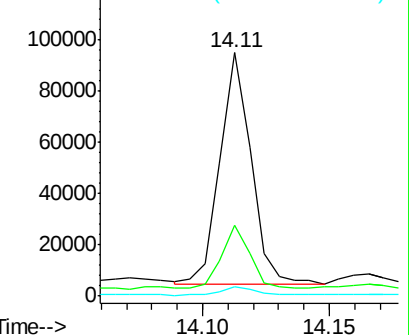
279 3.8 3.0 4.4

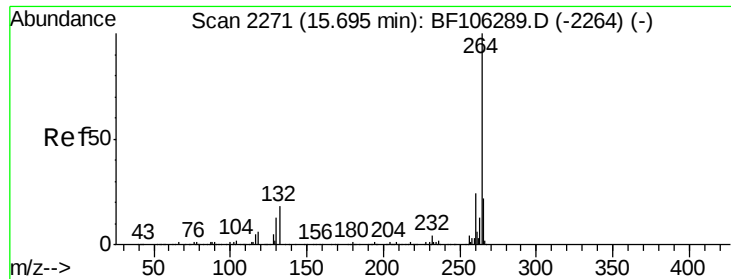


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

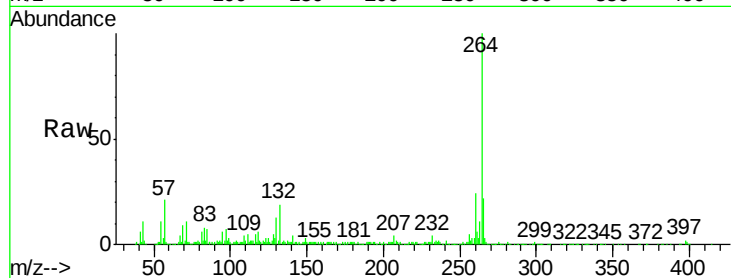




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF106327.D
Acq: 12 Jun 2018 6:49

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 264 Resp: 394864
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.0 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

