

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106555.D
 Acq On : 18 Jun 2018 23:41
 Operator : JU/SJ
 Sample : J3564-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Jun 19 01:10:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

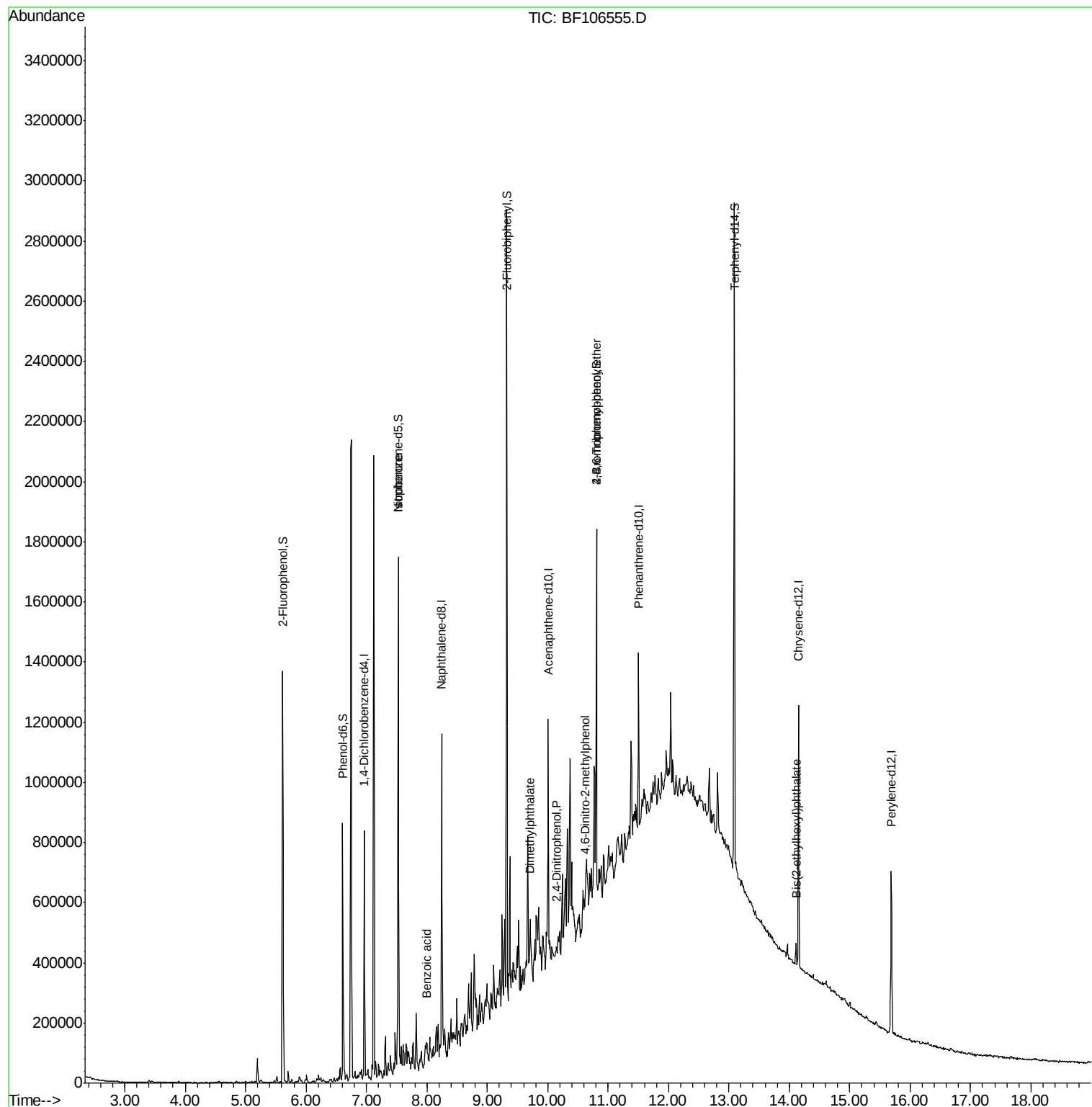
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	105057	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	355070	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	140398	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	223711	20.00	ng	0.00
75) Chrysene-d12	14.15	240	298366	20.00	ng	0.00
86) Perylene-d12	15.69	264	263293	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	388066	62.52	ng	0.00
7) Phenol-d6	6.61	99	300372	38.30	ng	0.00
23) Nitrobenzene-d5	7.53	82	572842	94.91	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	183653	135.95	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	856672	124.94	ng	0.00
78) Terphenyl-d14	13.09	244	896047	74.59	ng	0.00
Target Compounds						
25) Isophorone	7.53	82	574850	48.761	ng	# 64
32) Benzoic acid	7.99	122	114	7.315	ng	# 1
49) Dimethylphthalate	9.71	163	33565	3.346	ng	# 90
53) 2,4-Dinitrophenol	10.15	184	534	9.120	ng	# 15
64) 4,6-Dinitro-2-methylphenol	10.62	198	479	6.640	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	11730	4.610	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.11	149	20081	2.003	ng	92

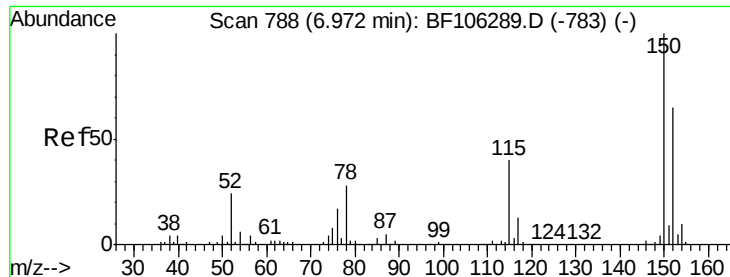
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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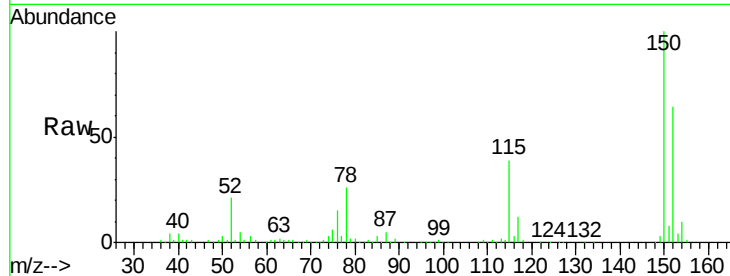




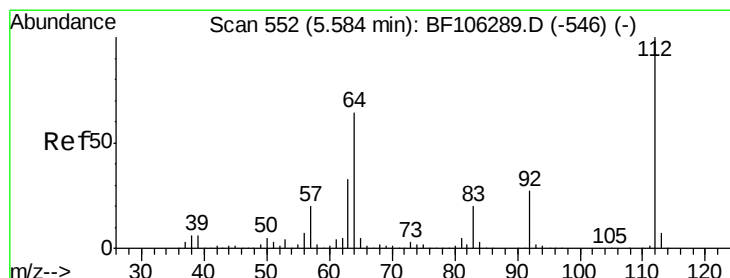
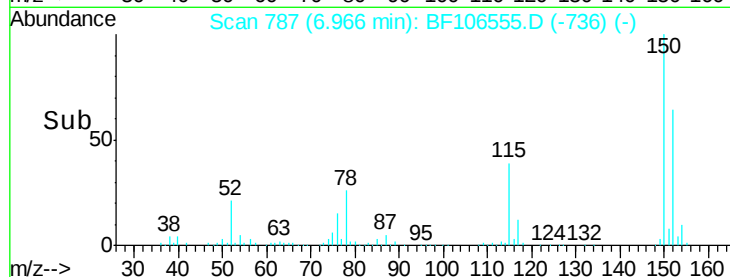
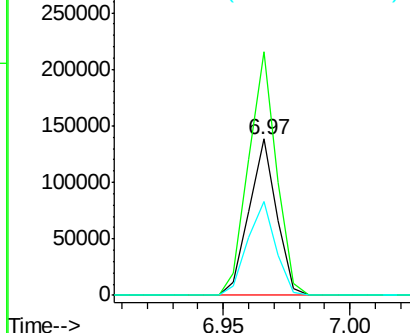
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF106555.D
 Acq: 18 Jun 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion:152 Resp: 105057
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 60.2 50.1 75.1

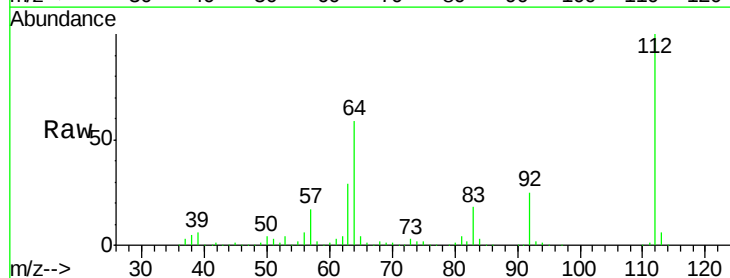


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

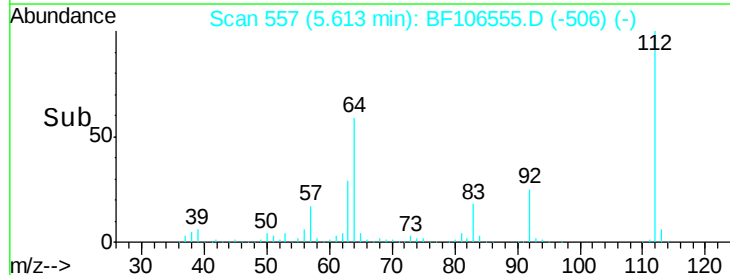
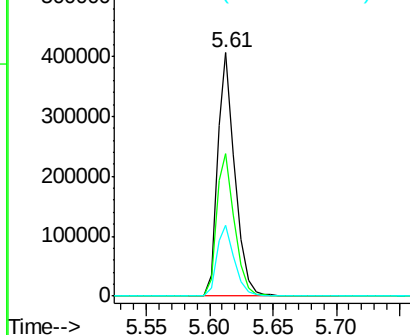


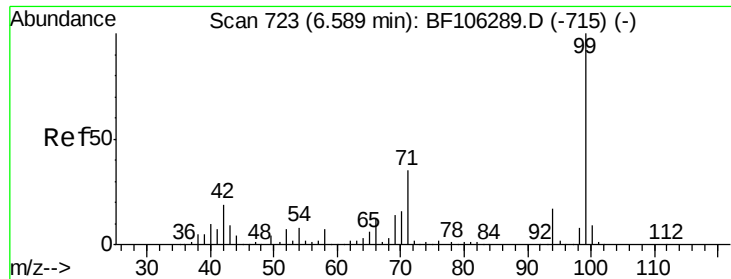
#5
 2-Fluorophenol
 Concen: 62.519 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF106555.D
 Acq: 18 Jun 2018 23:41

Tgt Ion:112 Resp: 388066
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.9 71.9
 63 29.2 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: 38.302 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106555.D

Acq: 18 Jun 2018 23:41

Instrument :

BNA_F

ClientSampleId :

MW-17

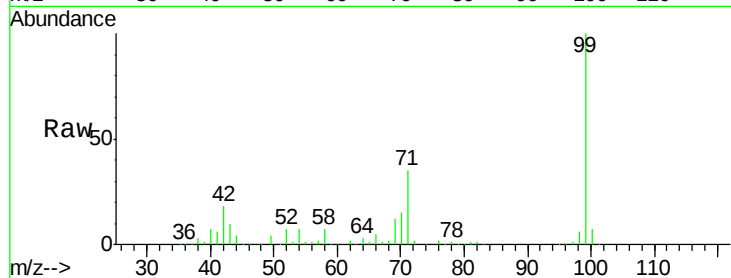
Tgt Ion: 99 Resp: 300372

Ion Ratio Lower Upper

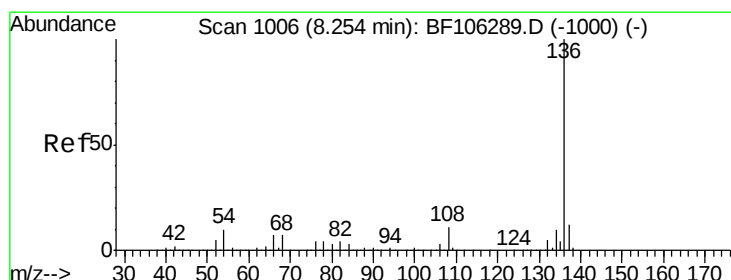
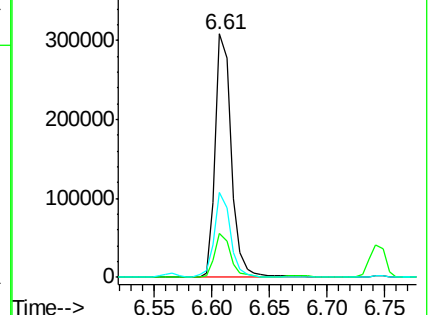
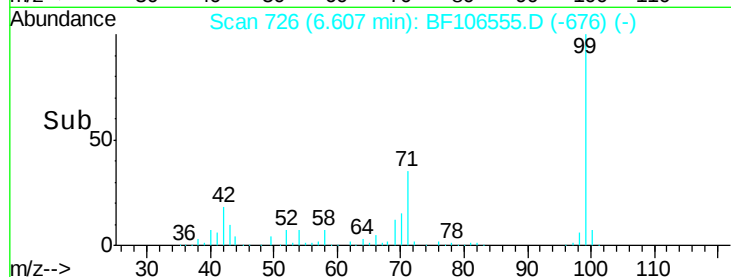
99 100

42 18.2 14.5 21.7

71 34.8 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: 8.25 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF106555.D

Acq: 18 Jun 2018 23:41

Tgt Ion: 136 Resp: 355070

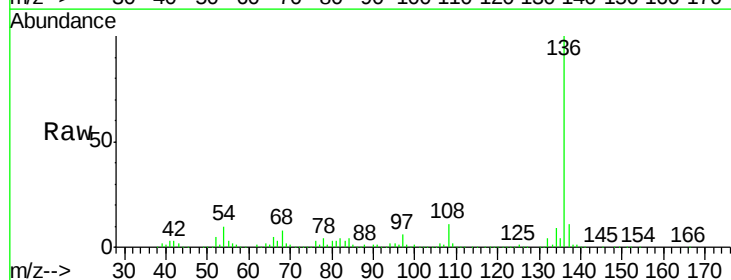
Ion Ratio Lower Upper

136 100

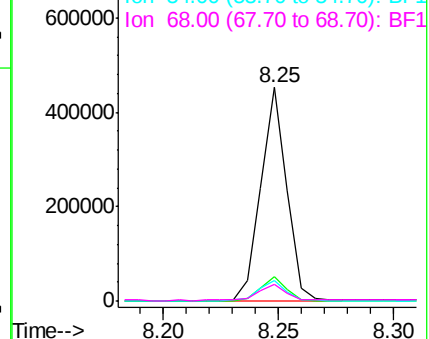
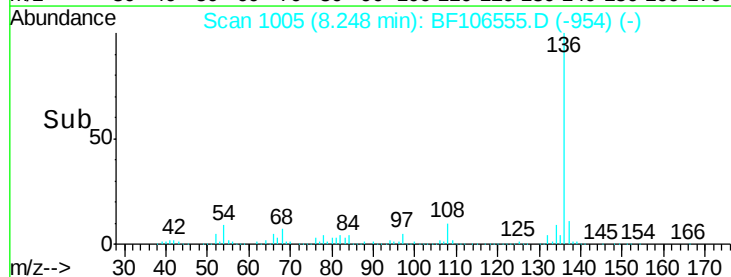
137 11.3 8.9 13.3

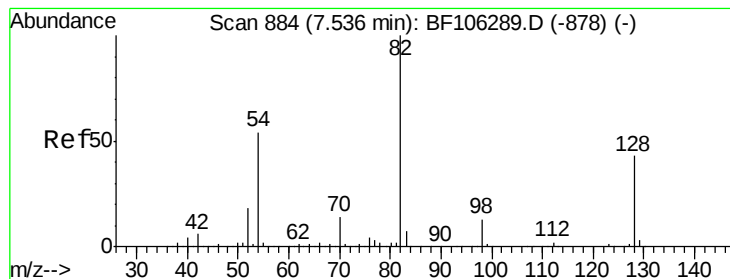
54 9.6 6.6 9.8

68 7.6 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: 94.909 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF106555.D

Acq: 18 Jun 2018 23:41

Instrument :

BNA_F

ClientSampleId :

MW-17

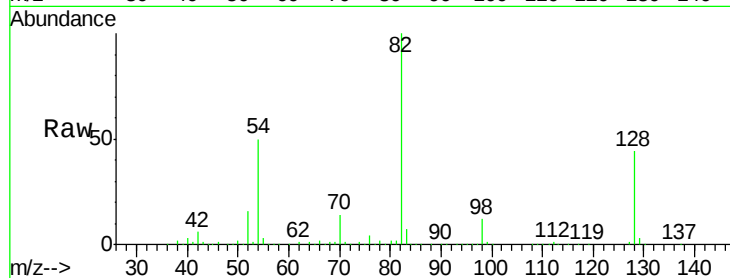
Tgt Ion: 82 Resp: 572842

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

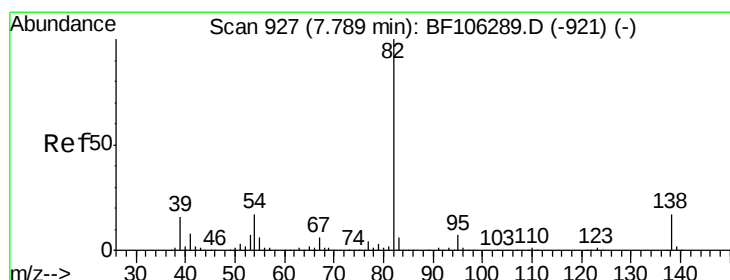
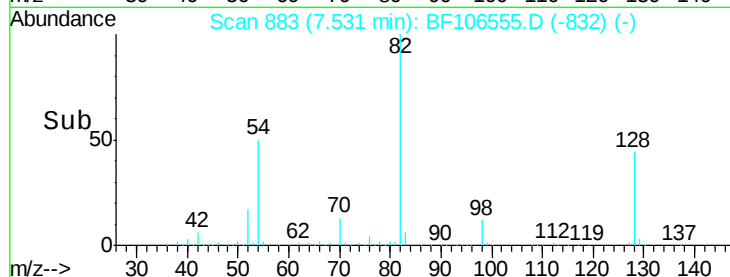
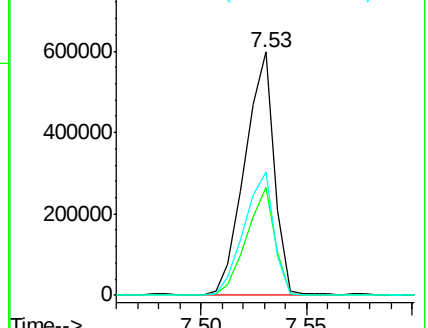
54 50.4 41.4 62.2



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



#25

Isophorone

Concen: 48.761 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106555.D

Acq: 18 Jun 2018 23:41

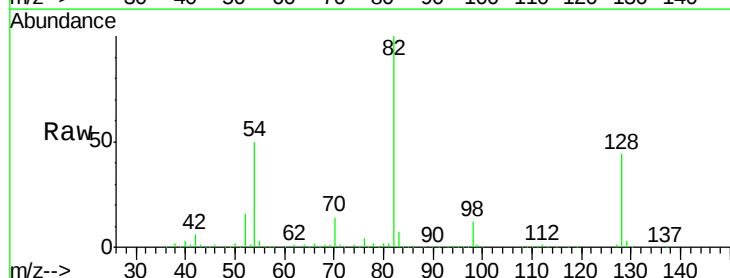
Tgt Ion: 82 Resp: 574850

Ion Ratio Lower Upper

82 100

95 0.3 5.2 7.8#

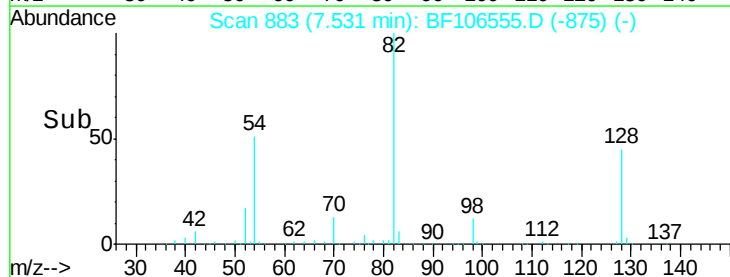
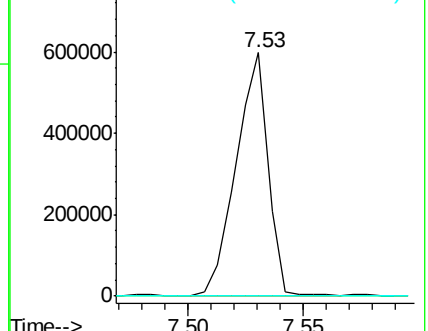
138 0.0 14.9 22.3#

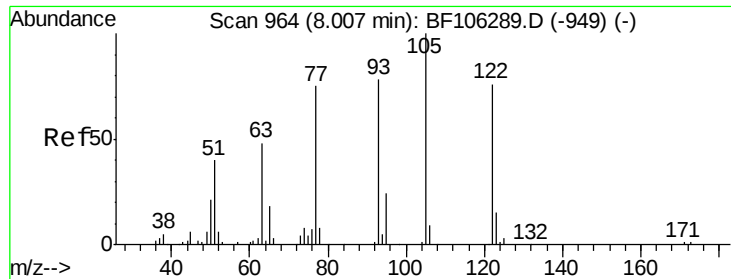


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

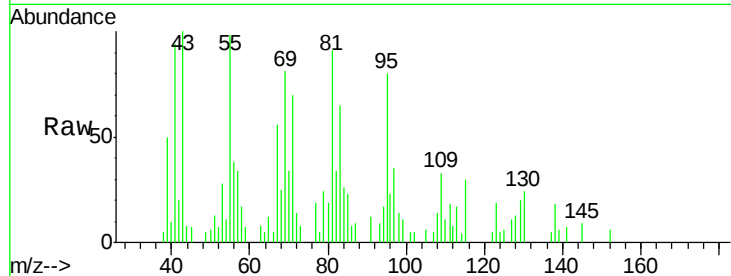




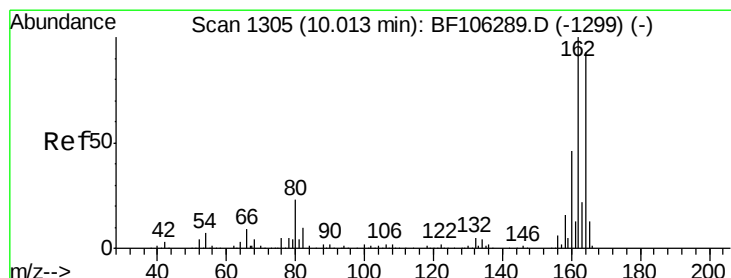
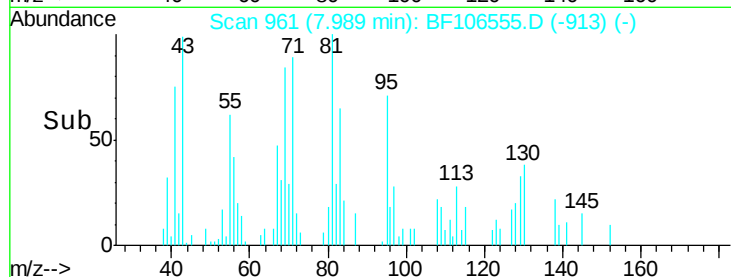
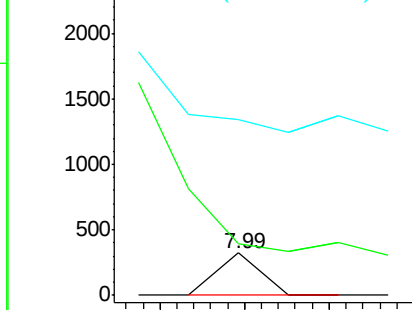
#32
Benzoic acid
Concen: 7.315 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.02 min
Lab File: BF106555.D
Acq: 18 Jun 2018 23:41

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:122 Resp: 114
Ion Ratio Lower Upper
122 100
105 120.4 101.1 141.1
77 413.6 70.7 110.7#

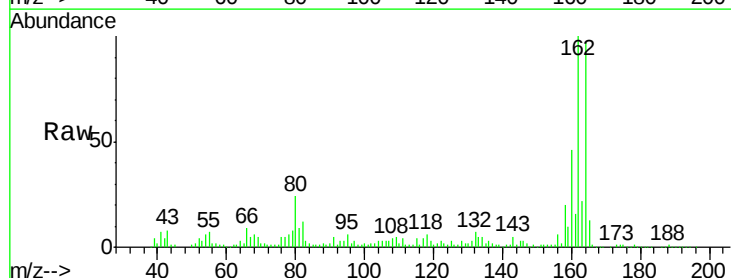


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

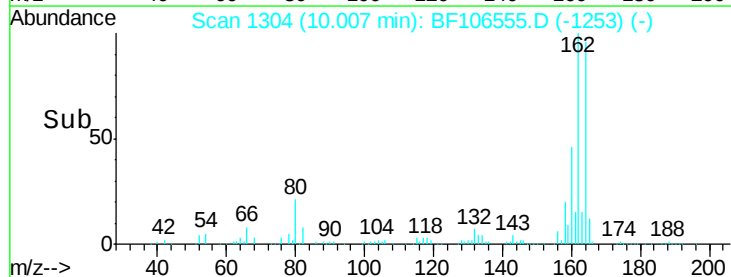
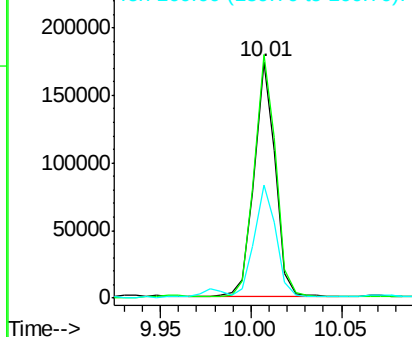


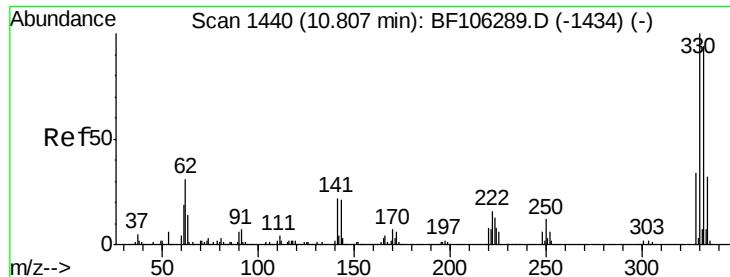
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106555.D
Acq: 18 Jun 2018 23:41

Tgt Ion:164 Resp: 140398
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 47.7 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

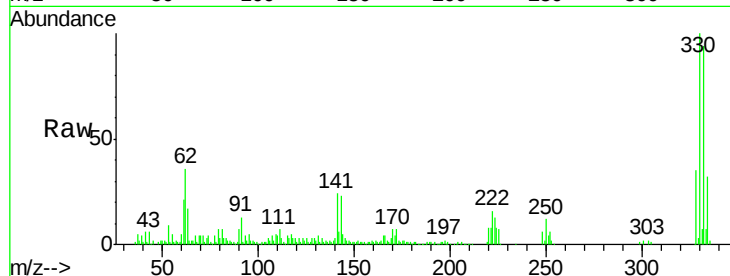




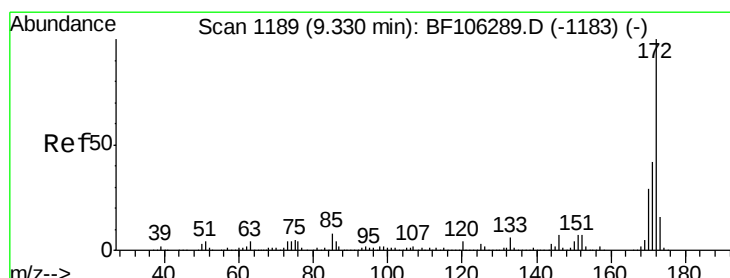
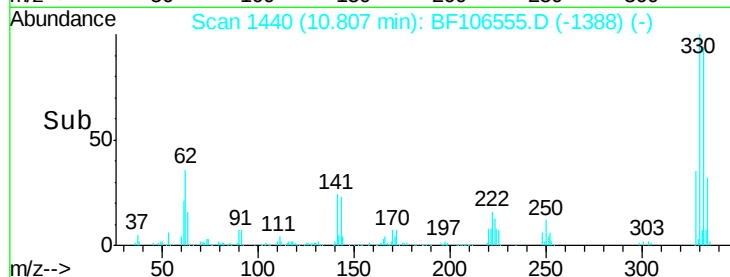
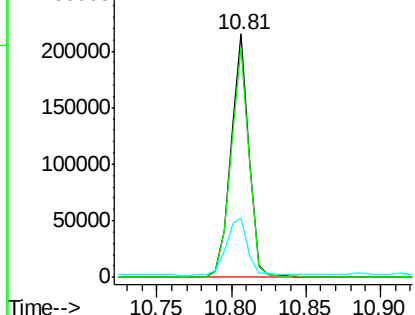
#41
 2,4,6-Tribromophenol
 Concen: 135.951 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106555.D
 Acq: 18 Jun 2018 23:41

Instrument :
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 MW-17

Tgt Ion:330 Resp: 183653
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 28.1 29.9 44.9#

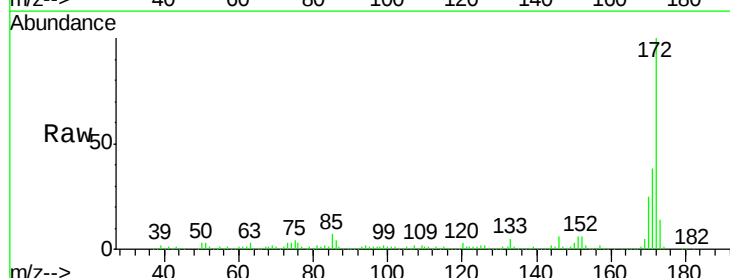


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

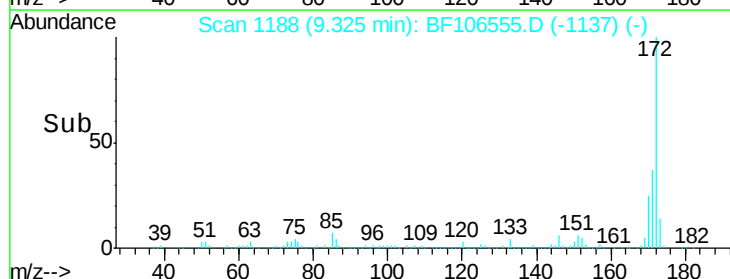
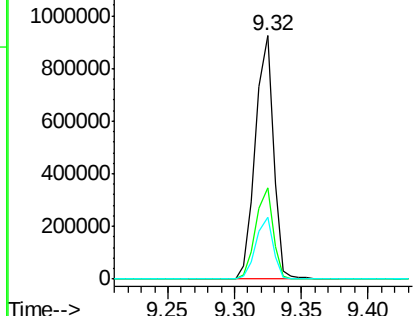


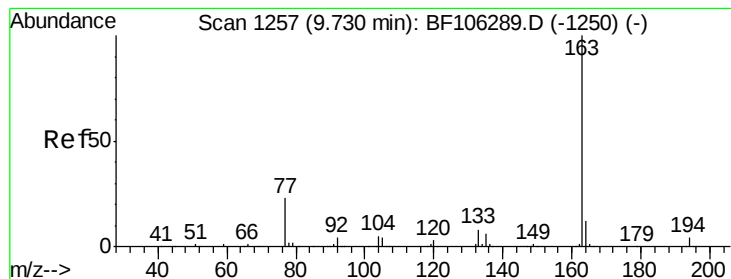
#44
 2-Fluorobiphenyl
 Concen: 124.943 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106555.D
 Acq: 18 Jun 2018 23:41

Tgt Ion:172 Resp: 856672
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.7 44.5
 170 25.2 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: 3.346 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106555.D

Acq: 18 Jun 2018 23:41

Instrument :

BNA_F

ClientSampleId :

MW-17

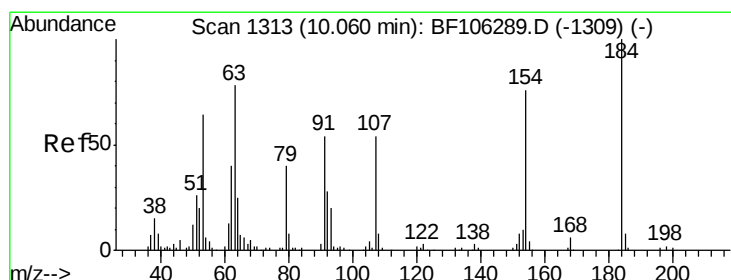
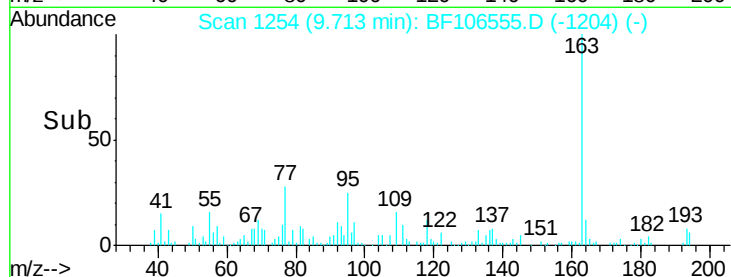
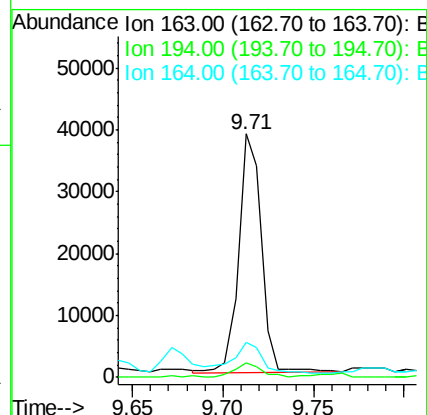
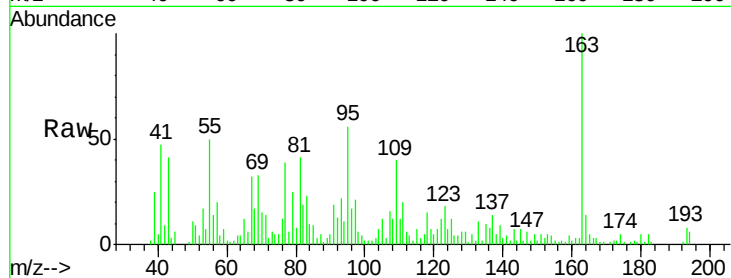
Tgt Ion:163 Resp: 33565

Ion Ratio Lower Upper

163 100

194 6.0 2.7 4.1#

164 14.2 8.2 12.2#



#53

2,4-Dinitrophenol

Concen: 9.120 ng

RT: 10.15 min Scan# 1329

Delta R.T. 0.09 min

Lab File: BF106555.D

Acq: 18 Jun 2018 23:41

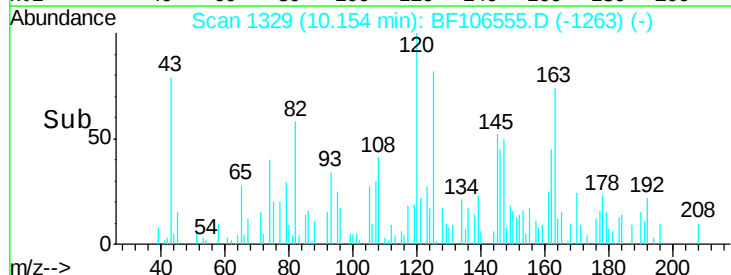
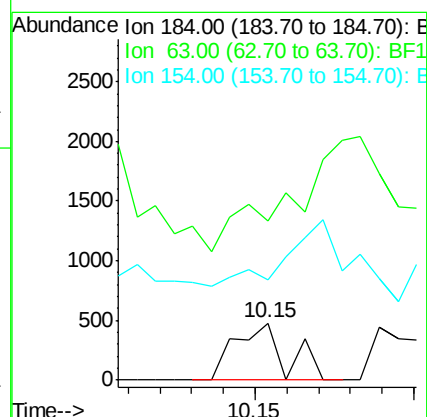
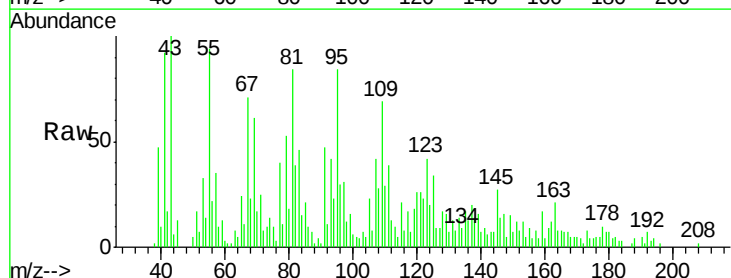
Tgt Ion:184 Resp: 534

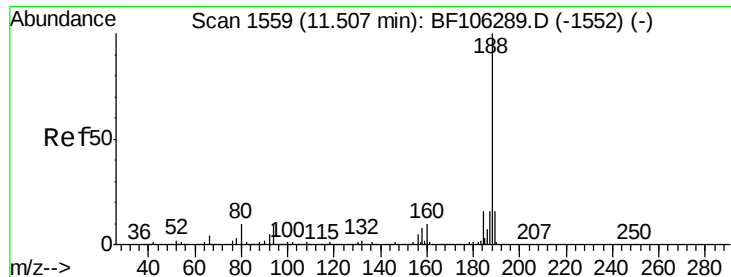
Ion Ratio Lower Upper

184 100

63 278.1 54.2 81.2#

154 175.4 184.0 276.0#

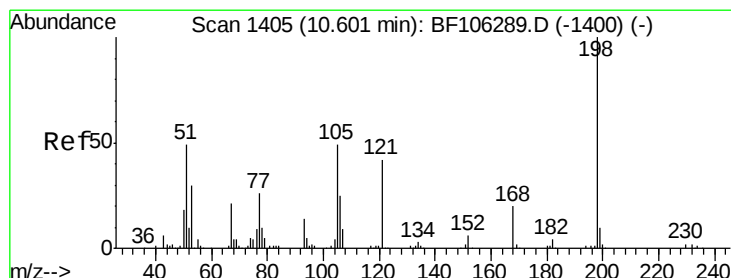
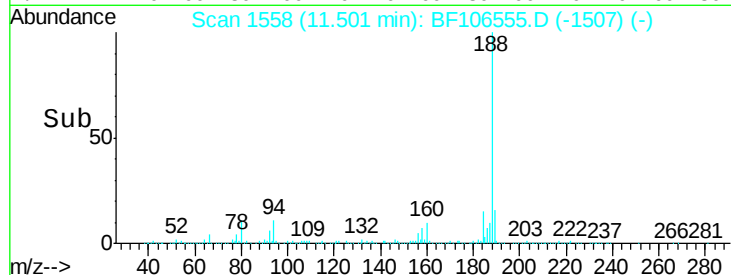
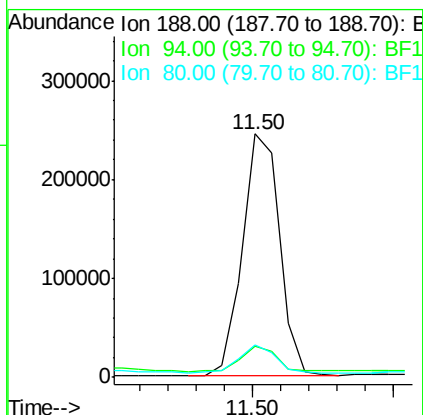
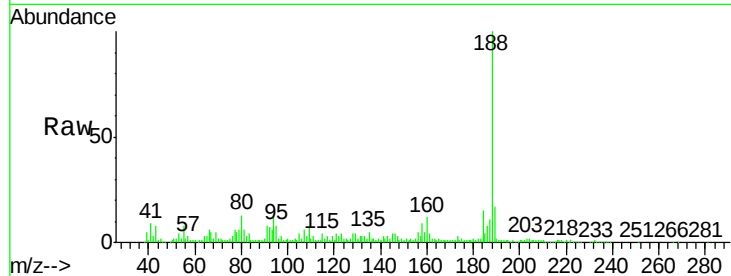




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106555.D
Acq: 18 Jun 2018 23:41

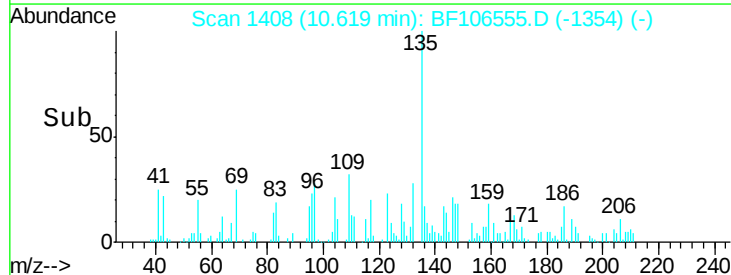
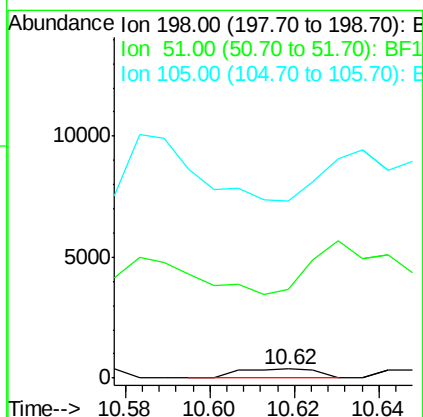
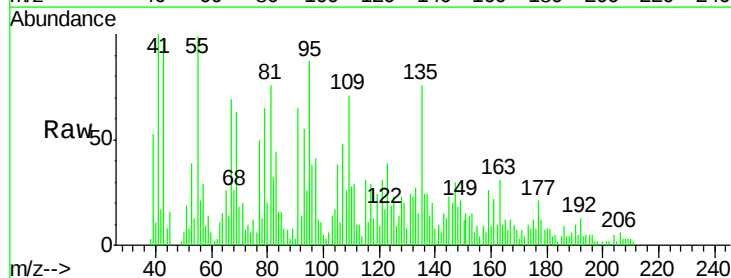
Instrument :
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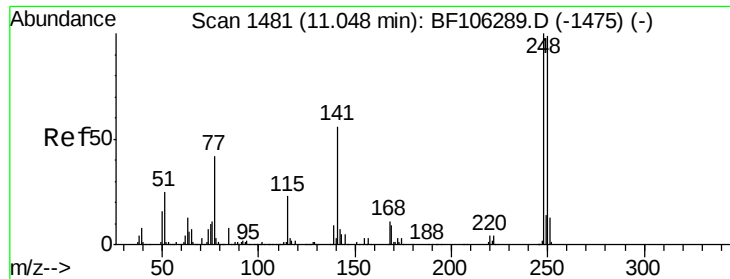
Tgt Ion:188 Resp: 223711
Ion Ratio Lower Upper
188 100
94 13.0 8.5 12.7#
80 13.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.640 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.02 min
Lab File: BF106555.D
Acq: 18 Jun 2018 23:41

Tgt Ion:198 Resp: 479
Ion Ratio Lower Upper
198 100
51 1016.6 37.7 77.7#
105 2020.4 36.3 76.3#

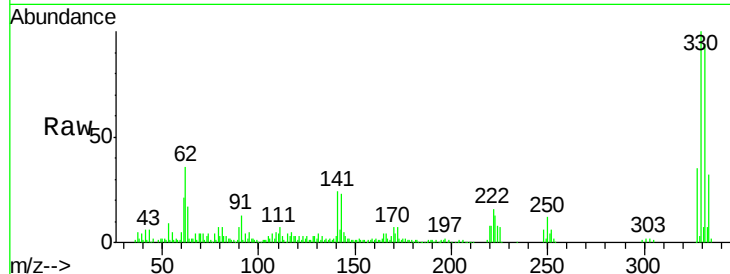




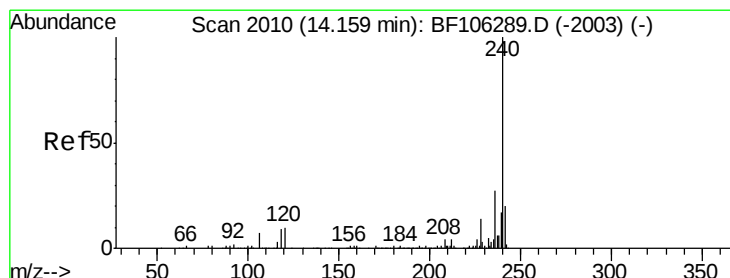
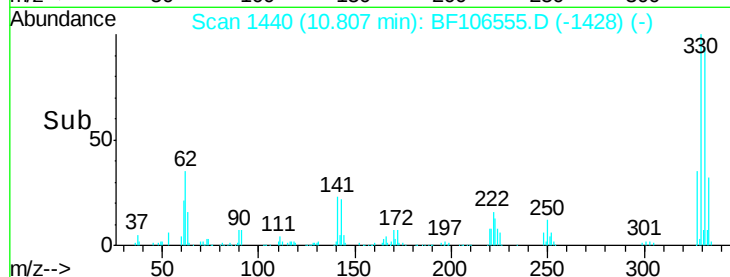
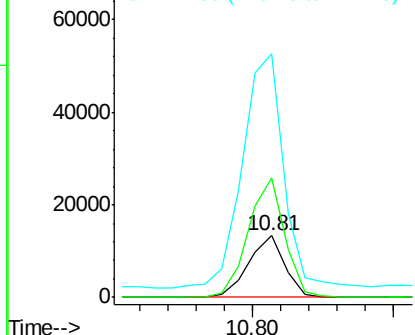
#66
4-Bromophenyl-phenylether
Concen: 4.610 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF106555.D
Acq: 18 Jun 2018 23:41

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:248 Resp: 11730
Ion Ratio Lower Upper
248 100
250 195.3 76.9 115.3#
141 396.4 74.4 111.6#

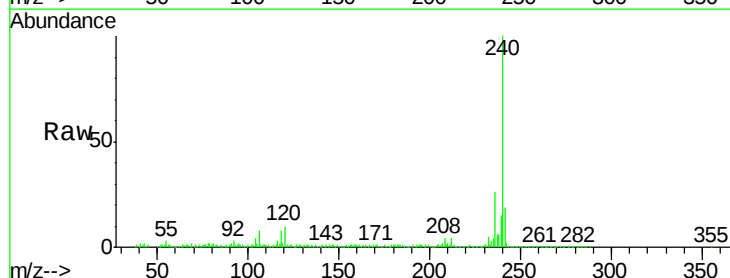


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

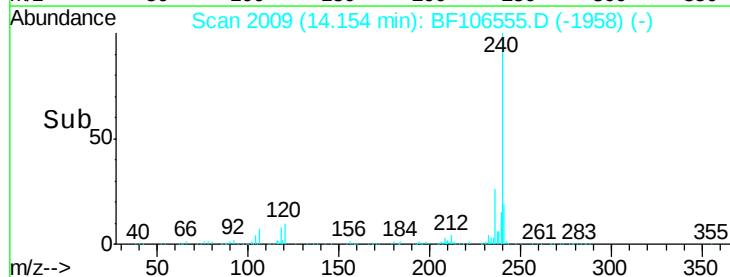
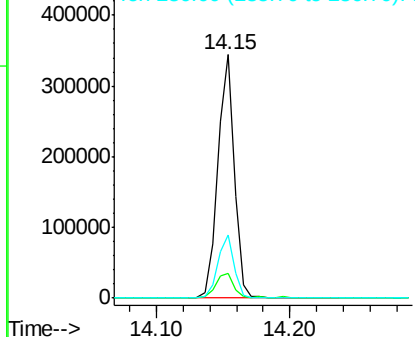


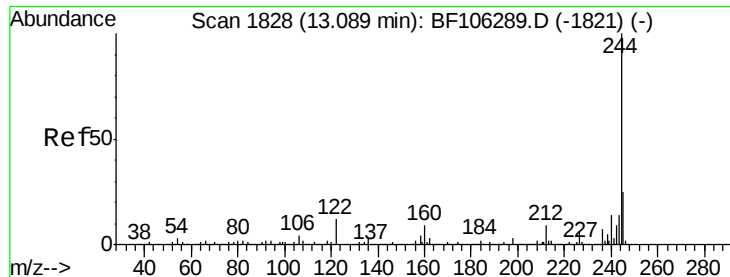
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF106555.D
Acq: 18 Jun 2018 23:41

Tgt Ion:240 Resp: 298366
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 25.9 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: 74.592 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106555.D

Acq: 18 Jun 2018 23:41

Instrument :

BNA_F

ClientSampleId :

MW-17

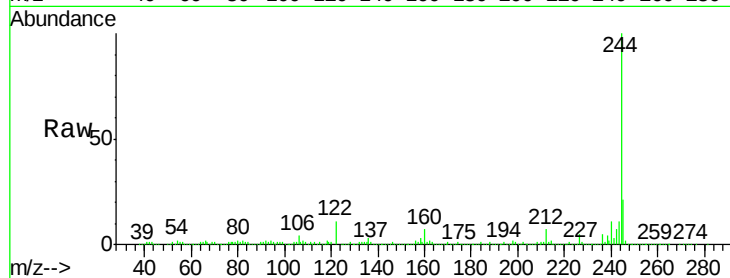
Tgt Ion:244 Resp: 896047

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

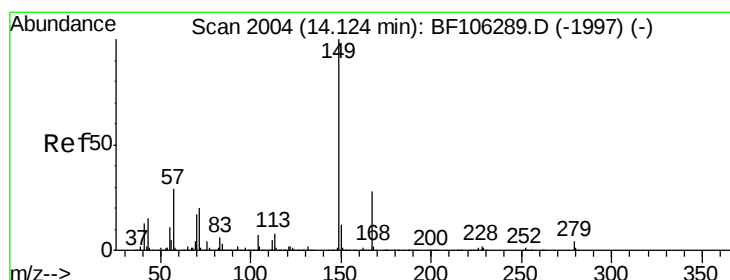
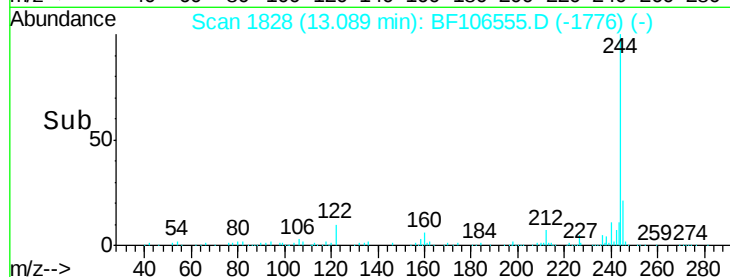
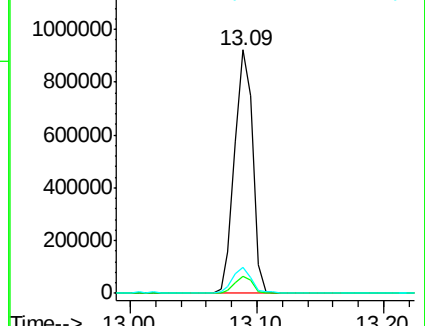
122 10.8 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.003 ng

RT: 14.11 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF106555.D

Acq: 18 Jun 2018 23:41

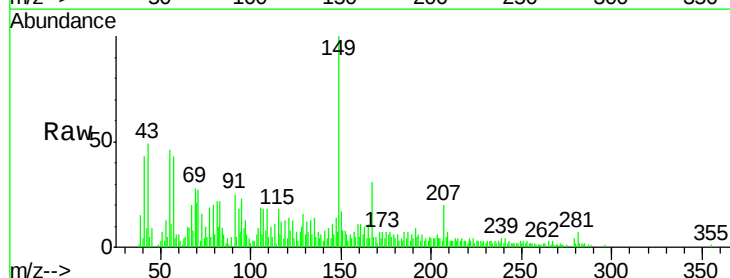
Tgt Ion:149 Resp: 20081

Ion Ratio Lower Upper

149 100

167 30.9 21.3 31.9

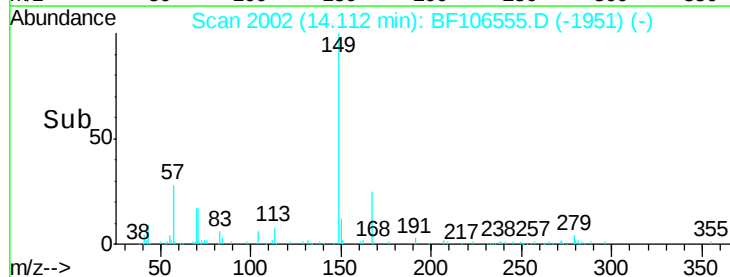
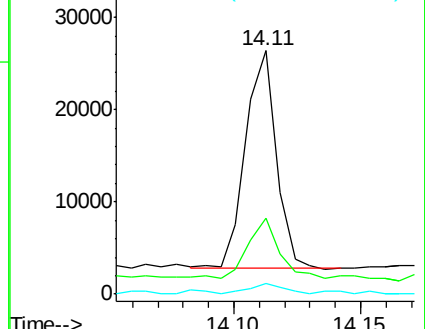
279 4.2 3.0 4.4

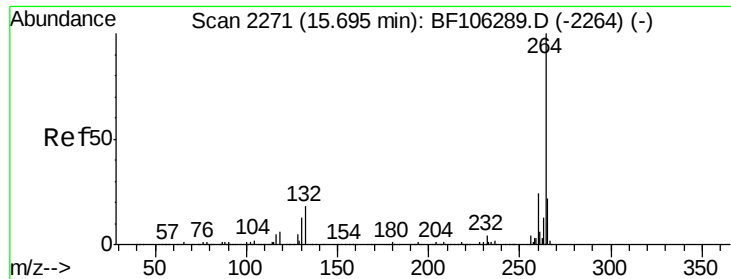


Abundance Ion 149.00 (148.70 to 149.70): E

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. 0.01 min
Lab File: BF106555.D
Acq: 18 Jun 2018 23:41

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 264 Resp: 263293
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.1 17.5 26.3

