

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106334.D
 Acq On : 12 Jun 2018 9:53
 Operator : JU/SJ
 Sample : J3394-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 11:07:36 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	200327	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	722826	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	326784	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	552068	20.00	ng	0.00
75) Chrysene-d12	14.15	240	510217	20.00	ng	-0.01
86) Perylene-d12	15.68	264	410572	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	659057	55.68	ng	0.00
7) Phenol-d6	6.58	99	518878	34.70	ng	0.00
23) Nitrobenzene-d5	7.54	82	1100438	89.56	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	424808	135.11	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1702759	96.50	ng	0.00
78) Terphenyl-d14	13.09	244	1679495	81.76	ng	0.00

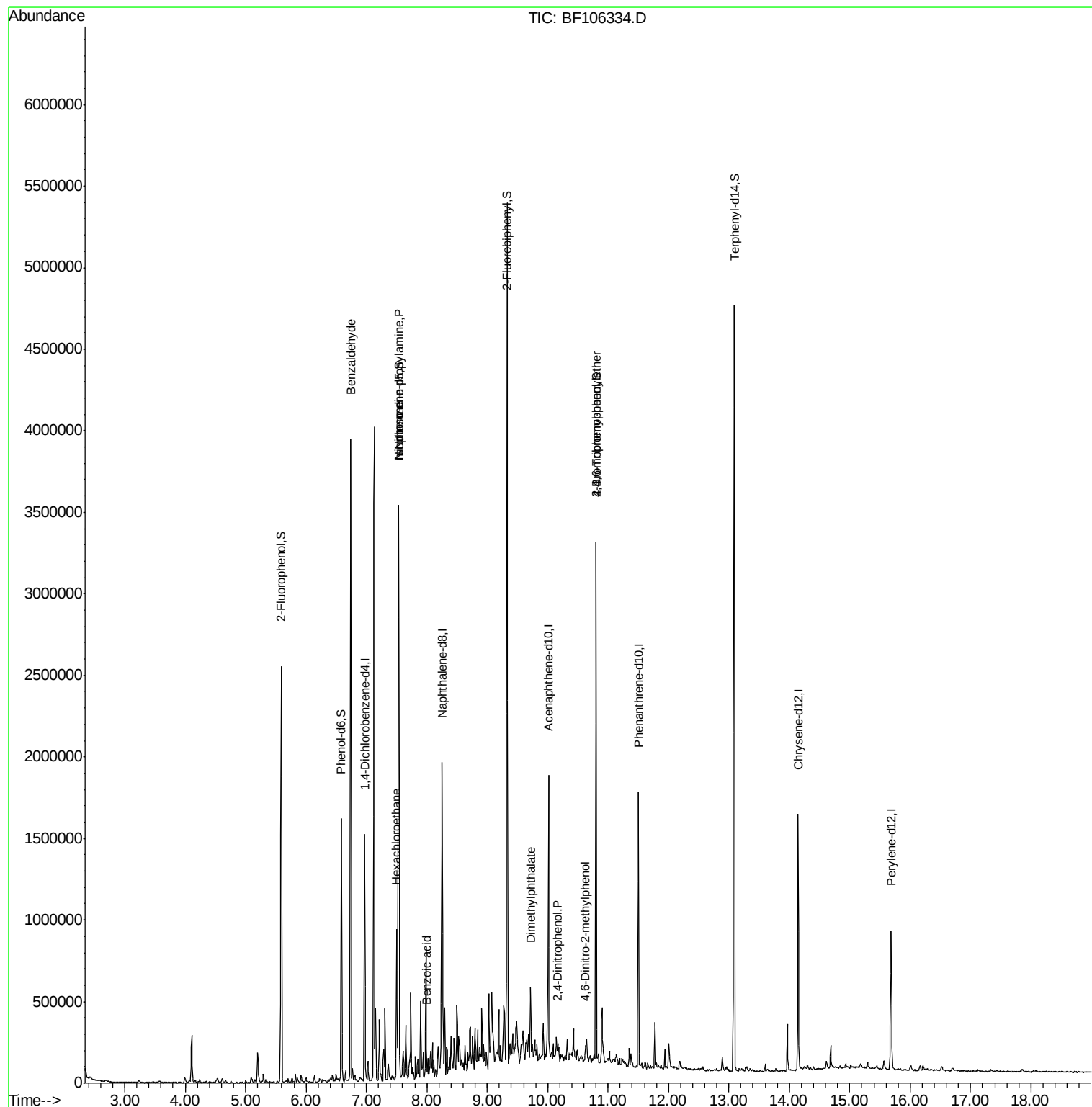
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	26850	2.367	ng	82
18) Hexachloroethane	7.50	117	65462	12.085	ng	# 1
19) n-Nitroso-di-n-propylamine	7.54	70	152186	13.565	ng	# 74
25) Isophorone	7.54	82	1098396	45.768	ng	# 64
32) Benzoic acid	8.00	122	548	7.351	ng	# 5
49) Dimethylphthalate	9.72	163	144640	6.195	ng	99
53) 2,4-Dinitrophenol	10.15	184	517	8.825	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	390	6.409	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	28063	4.469	ng	# 1

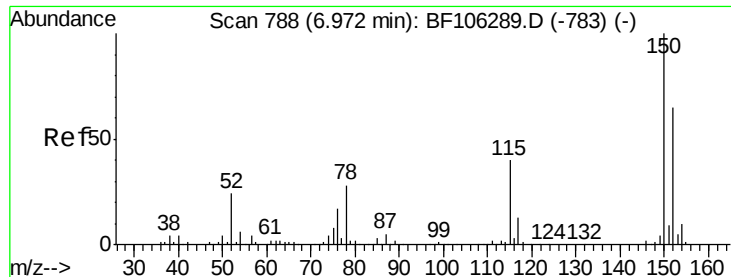
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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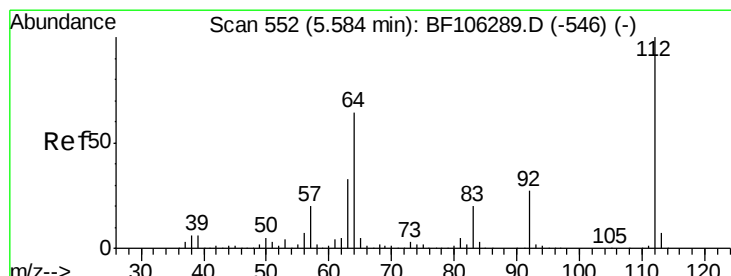
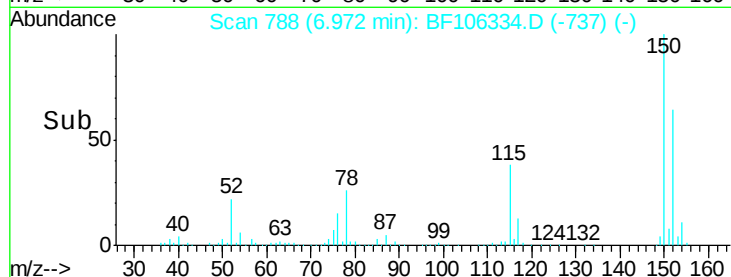
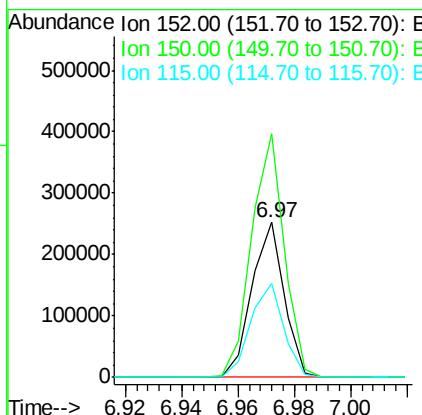
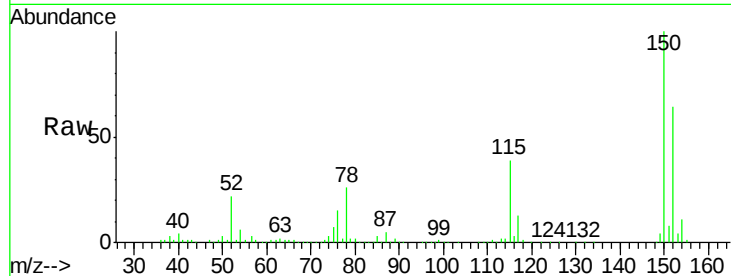


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106334.D
Acq: 12 Jun 2018 9:53

Instrument :
BNA_F
ClientSampled :

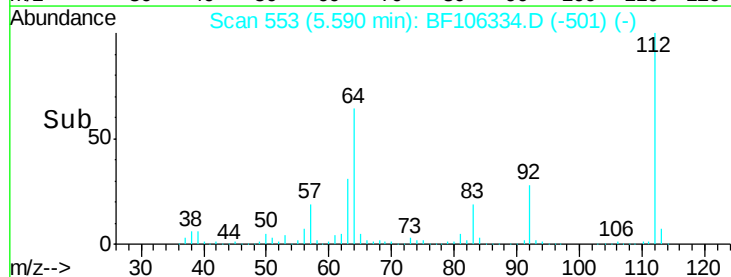
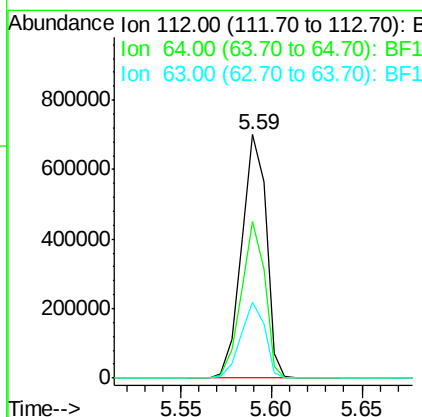
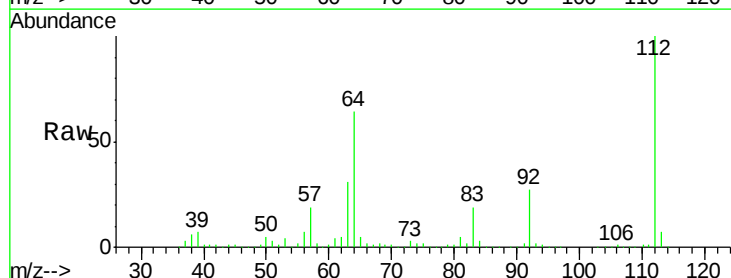
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	60.6	50.1	75.1

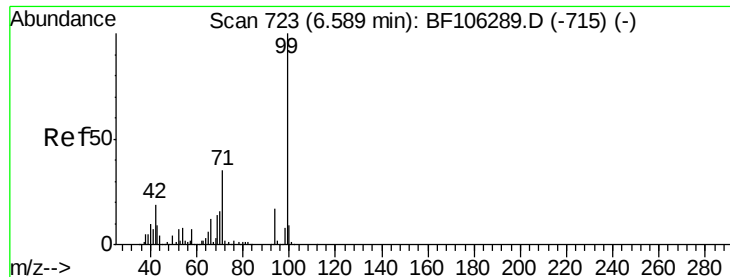


#5

2-Fluorophenol
Concen: 55.682 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106334.D
Acq: 12 Jun 2018 9:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.9	71.9
63	31.0	23.7	35.5





#7

Phenol-d6

Concen: 34.699 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106334.D

Acq: 12 Jun 2018 9:53

Instrument :

BNA_F

ClientSampleId :

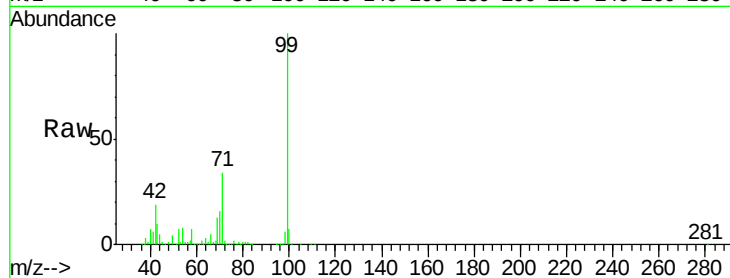
Tot Ion: 99 Resp: 518878

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

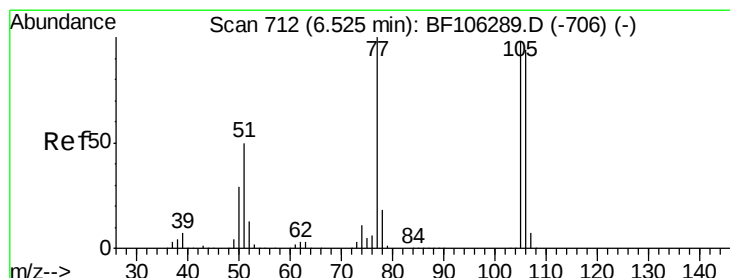
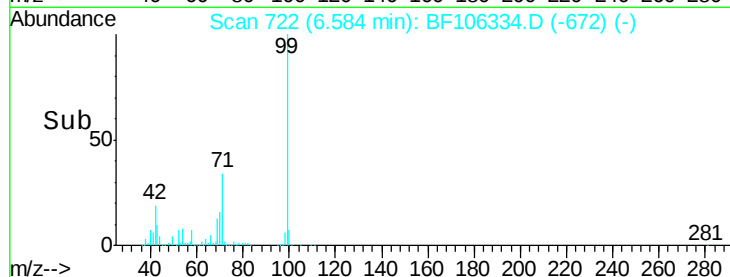
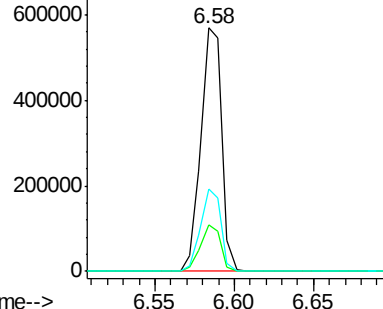
71 34.0 25.4 38.0



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: 2.367 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106334.D

Acq: 12 Jun 2018 9:53

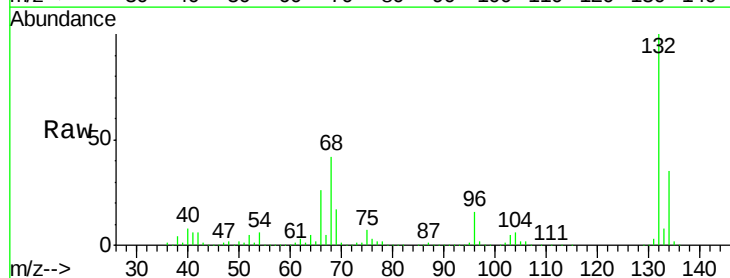
Tgt Ion: 77 Resp: 26850

Ion Ratio Lower Upper

77 100

105 85.4 81.1 121.1

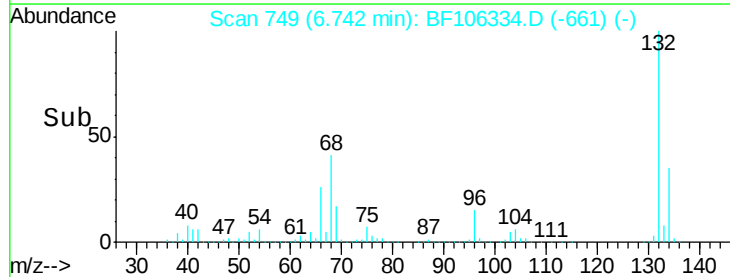
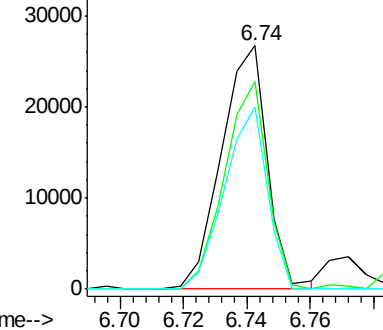
106 75.1 74.5 114.5

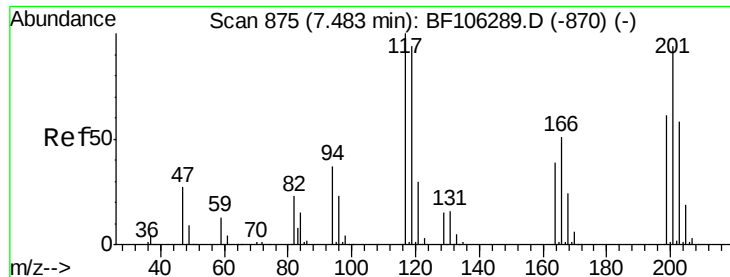


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#18

Hexachloroethane

Concen: 12.085 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.02 min

Lab File: BF106334.D

Acq: 12 Jun 2018 9:53

Instrument :

BNA_F

ClientSampleId :

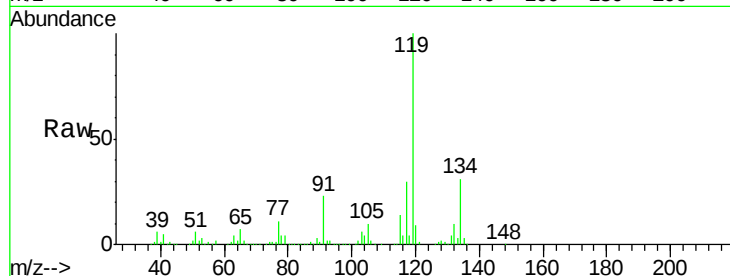
Tot Ion:117 Resp: 65462

Ion Ratio Lower Upper

117 100

119 333.4 75.8 113.8#

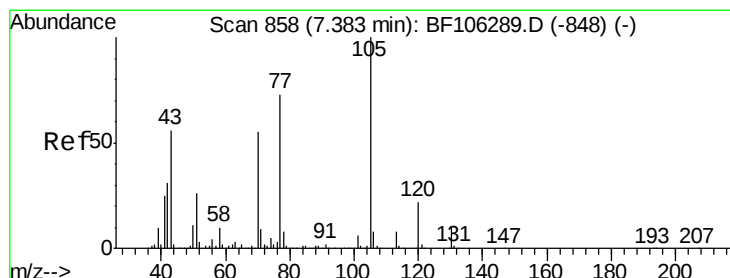
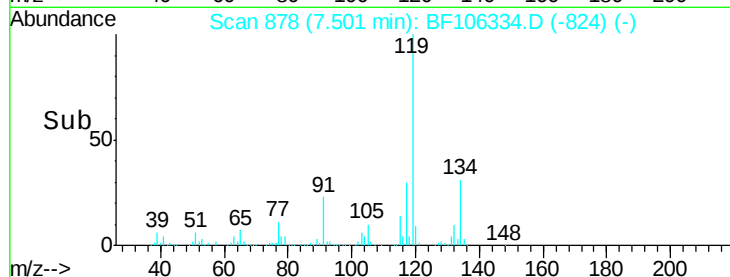
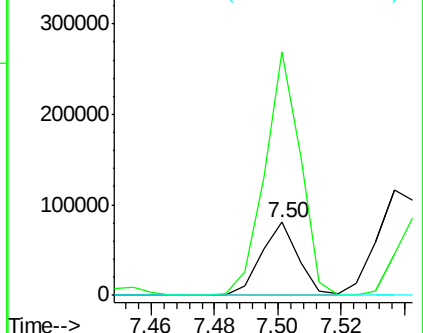
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 13.565 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF106334.D

Acq: 12 Jun 2018 9:53

Tgt Ion: 70 Resp: 152186

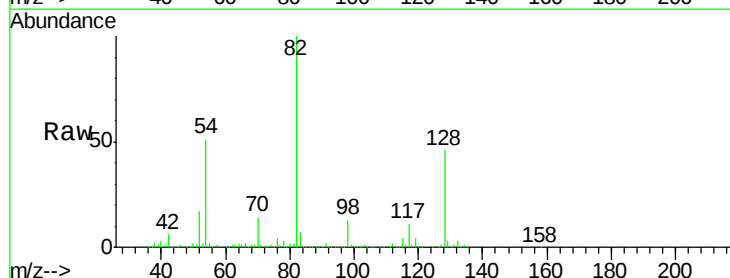
Ion Ratio Lower Upper

70 100

42 43.5 47.5 71.3#

101 0.5 7.4 11.2#

130 2.5 16.6 25.0#

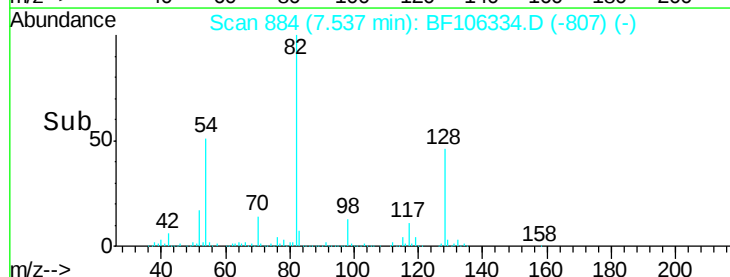
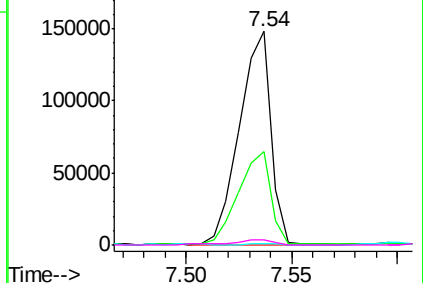


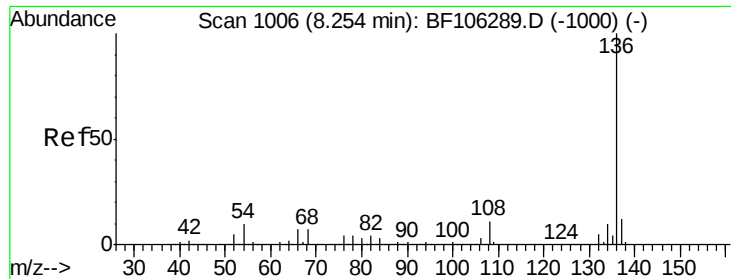
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106334.D

Acq: 12 Jun 2018 9:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 722826

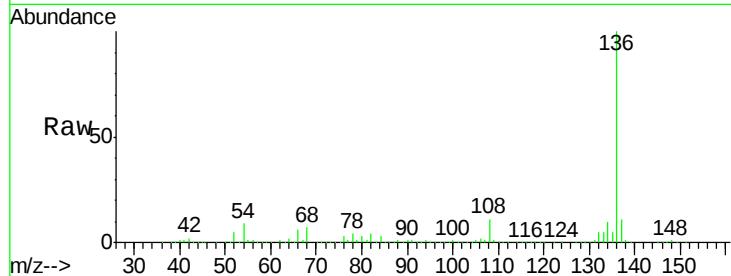
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.8 6.6 9.8

68 6.8 5.0 7.4

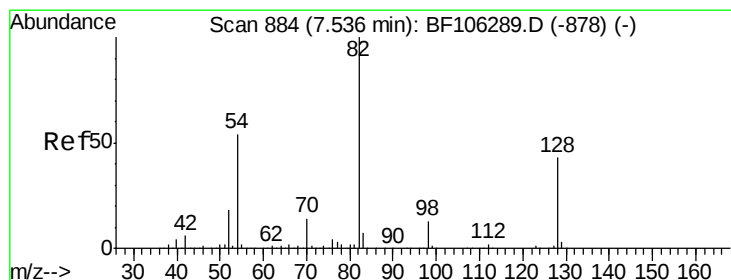
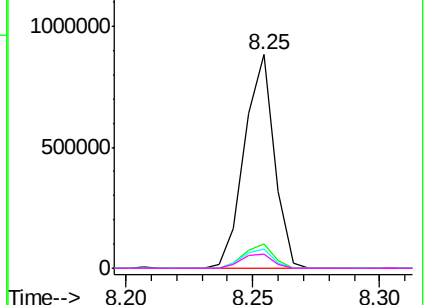
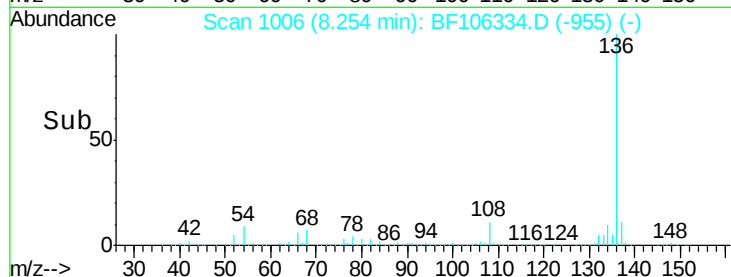


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.561 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF106334.D

Acq: 12 Jun 2018 9:53

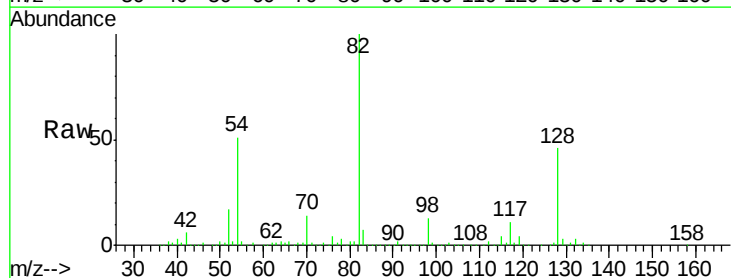
Tgt Ion: 82 Resp: 1100438

Ion Ratio Lower Upper

82 100

128 46.3 36.1 54.1

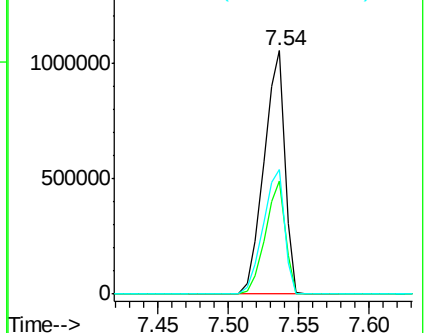
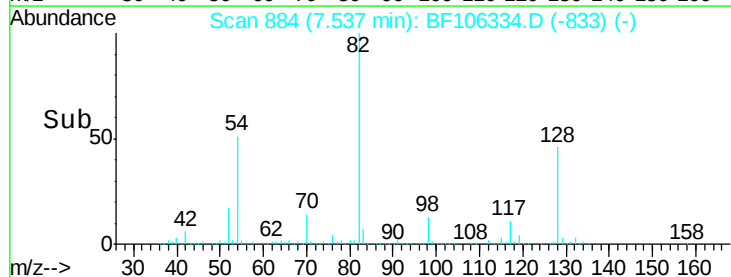
54 51.1 41.4 62.2

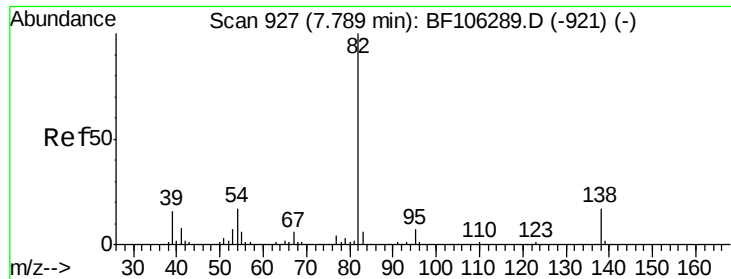


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.768 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.25 min

Lab File: BF106334.D

Acq: 12 Jun 2018 9:53

Instrument :

BNA_F

ClientSampleId :

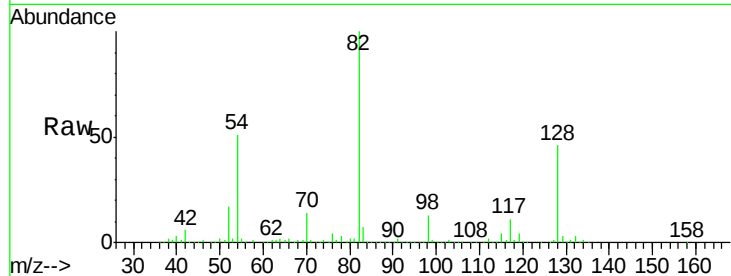
Tot Ion: 82 Resp: 1098396

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

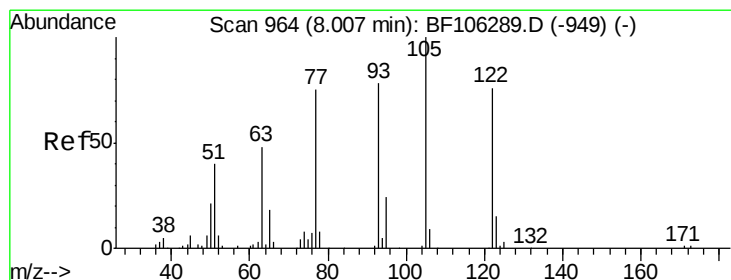
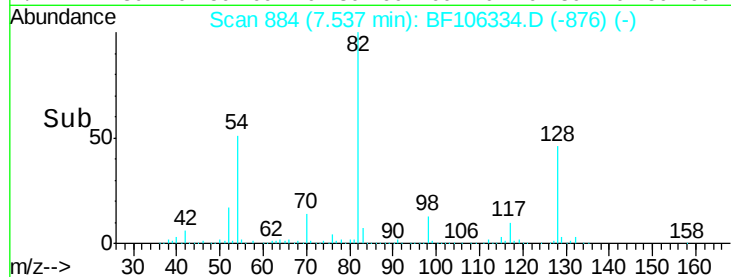
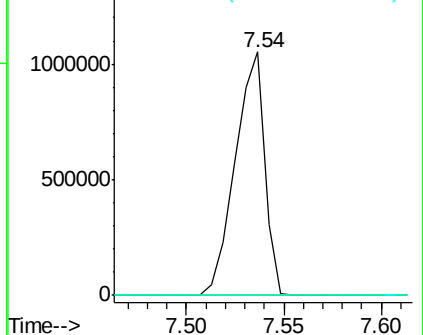
138 0.0 14.9 22.3#



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: 7.351 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF106334.D

Acq: 12 Jun 2018 9:53

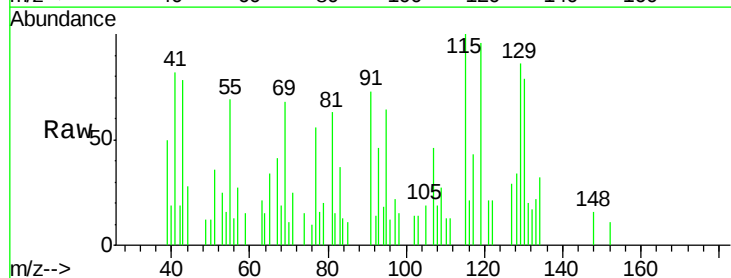
Tgt Ion: 122 Resp: 548

Ion Ratio Lower Upper

122 100

105 92.5 101.1 141.1#

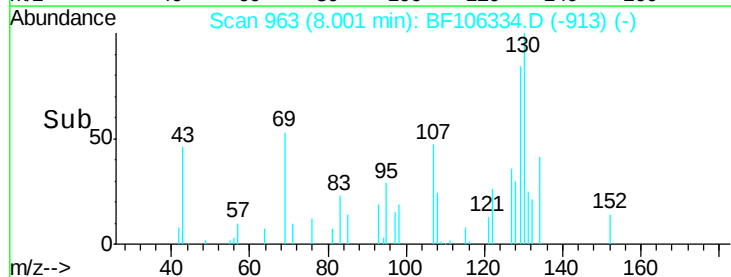
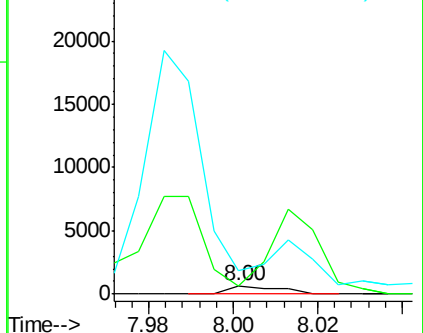
77 267.5 70.7 110.7#

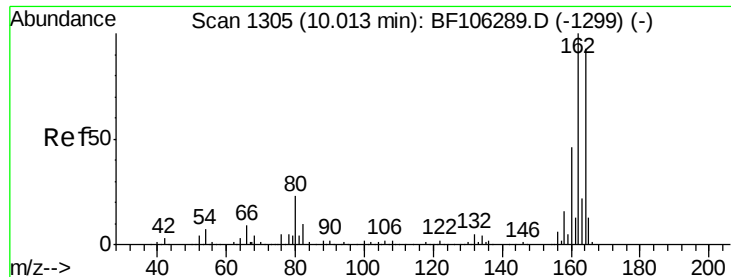


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

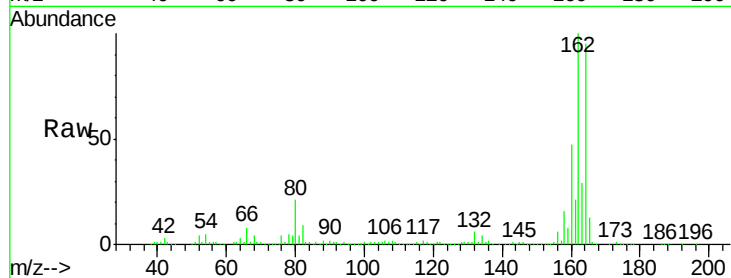




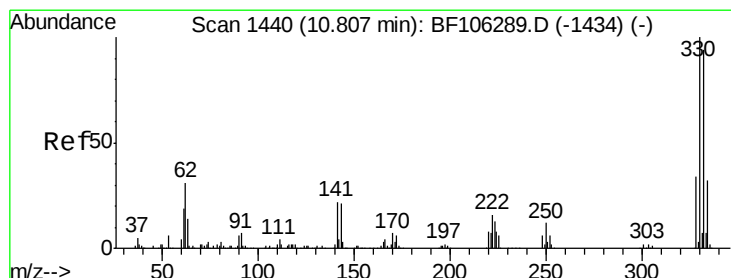
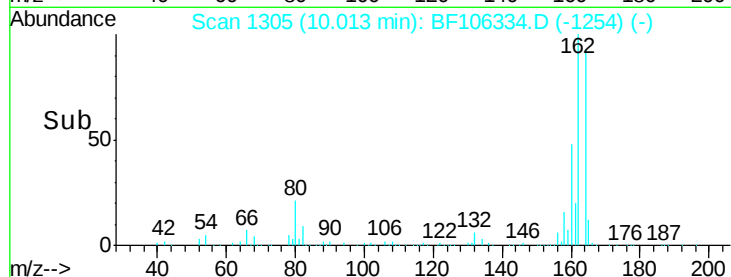
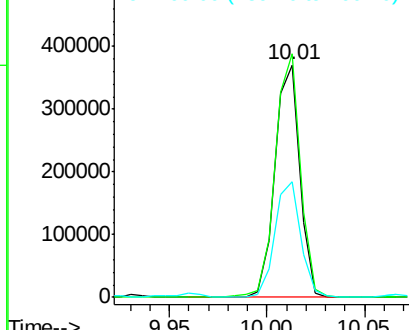
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106334.D
Acq: 12 Jun 2018 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 326784
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 49.7 38.3 57.5

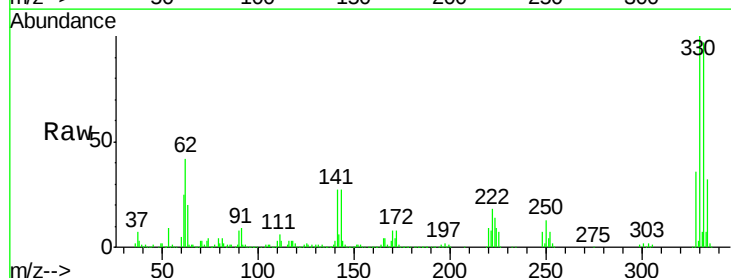


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

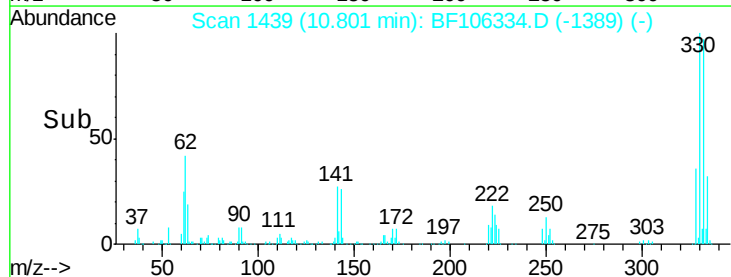
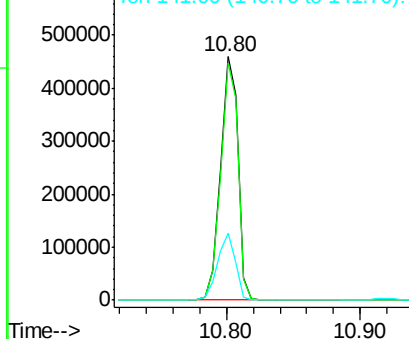


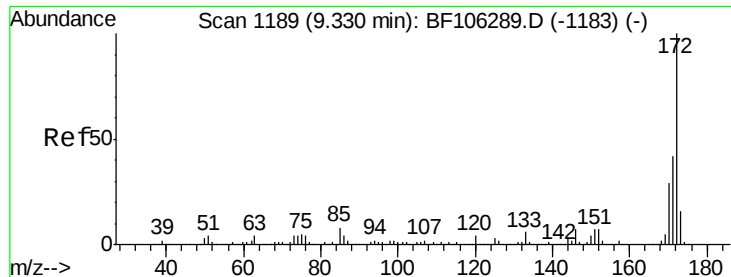
#41
2,4,6-Tribromophenol
Concen: 135.107 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106334.D
Acq: 12 Jun 2018 9:53

Tgt Ion:330 Resp: 424808
Ion Ratio Lower Upper
330 100
332 97.1 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

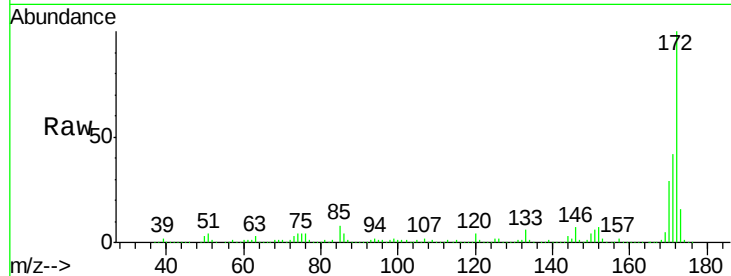




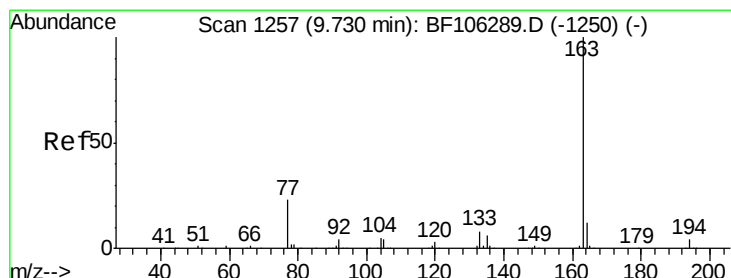
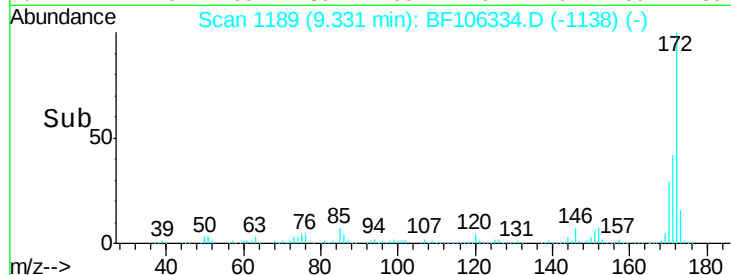
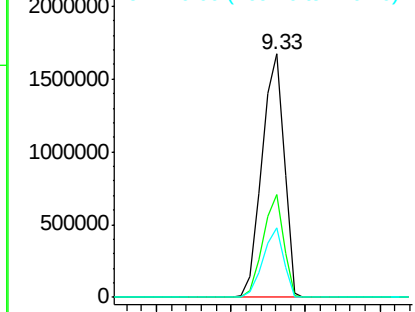
#44
2-Fluorobiphenyl
Concen: 96.498 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106334.D
Acq: 12 Jun 2018 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1702759
Ion Ratio Lower Upper
172 100
171 42.2 29.7 44.5
170 28.7 19.6 29.4

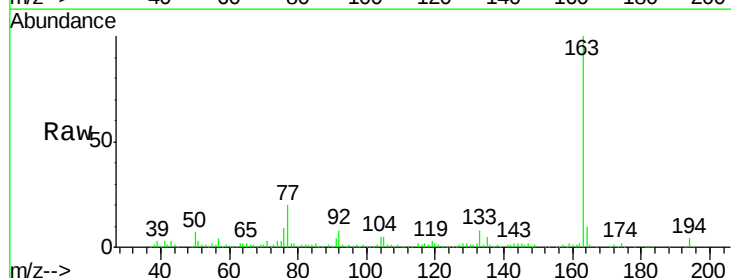


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

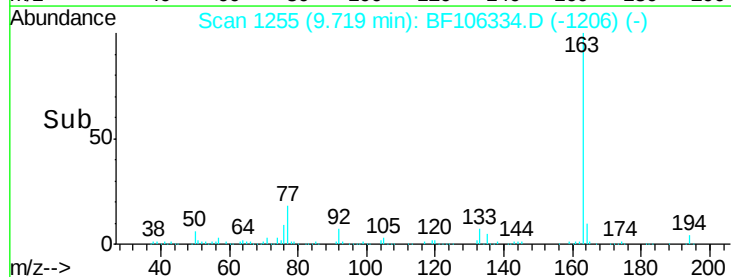
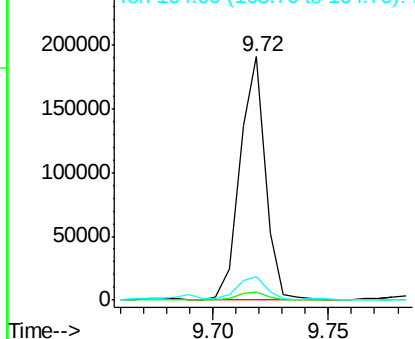


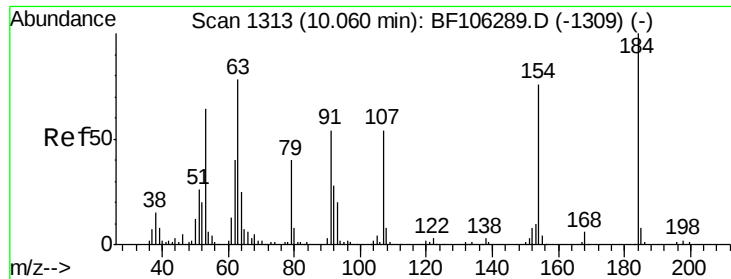
#49
Dimethylphthalate
Concen: 6.195 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106334.D
Acq: 12 Jun 2018 9:53

Tgt Ion:163 Resp: 144640
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 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

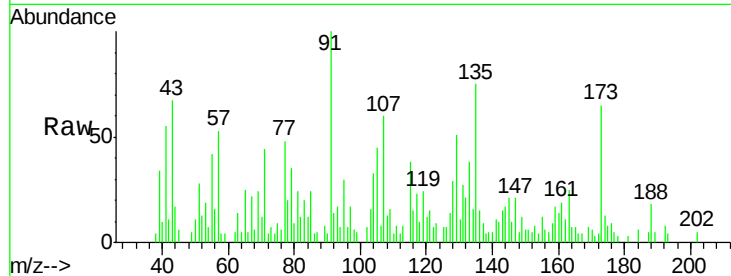




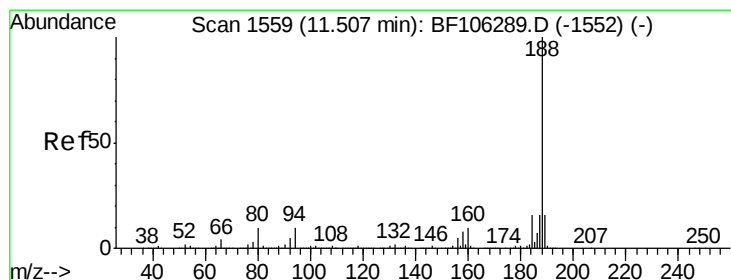
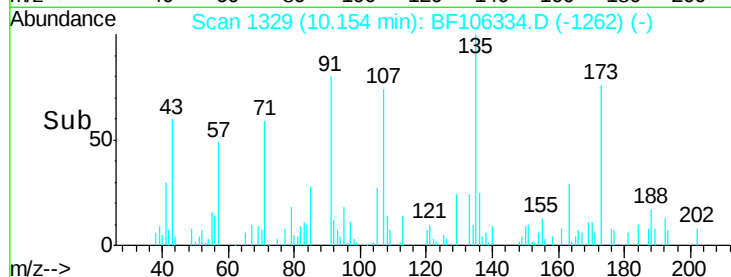
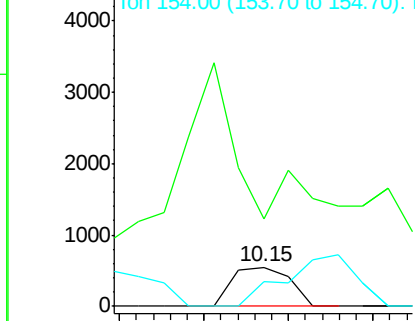
#53
 2,4-Dinitrophenol
 Concen: 8.825 ng
 RT: 10.15 min Scan# 1329
 Delta R.T. 0.10 min
 Lab File: BF106334.D
 Acq: 12 Jun 2018 9:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 517
 Ion Ratio Lower Upper
 184 100
 63 226.2 54.2 81.2#
 154 62.6 184.0 276.0#

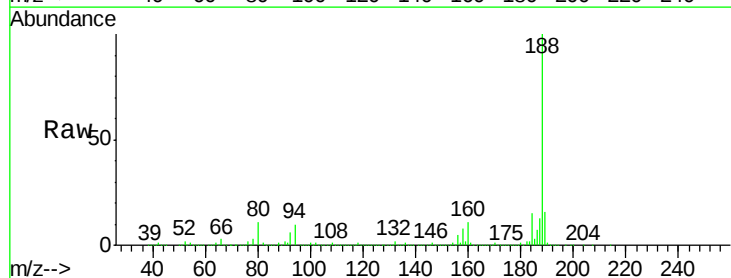


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

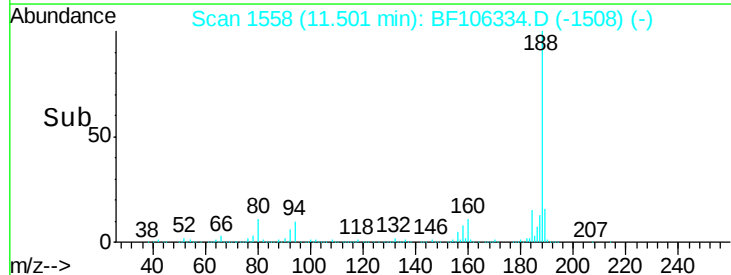
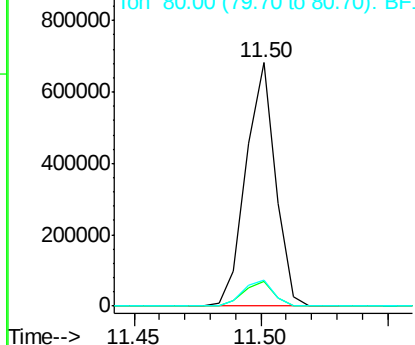


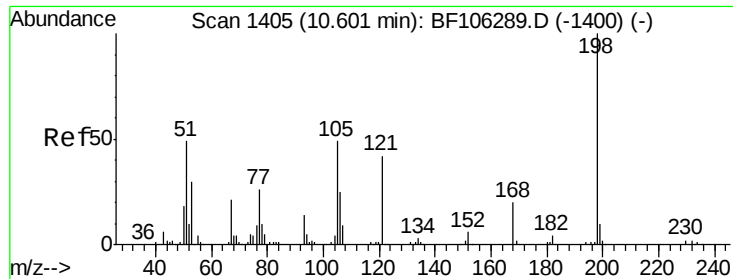
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF106334.D
 Acq: 12 Jun 2018 9:53

Tgt Ion:188 Resp: 552068
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.7 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

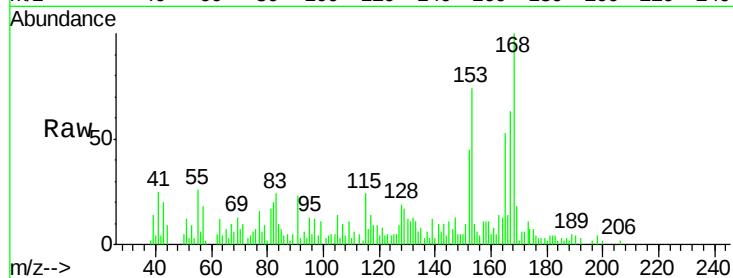




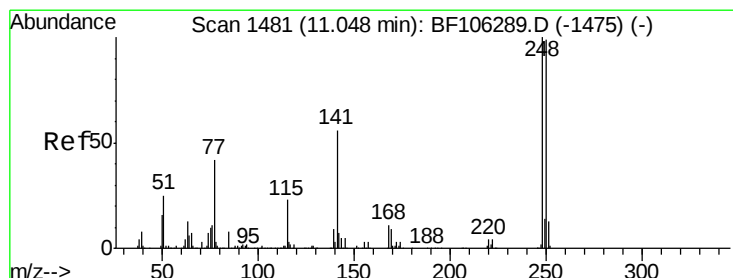
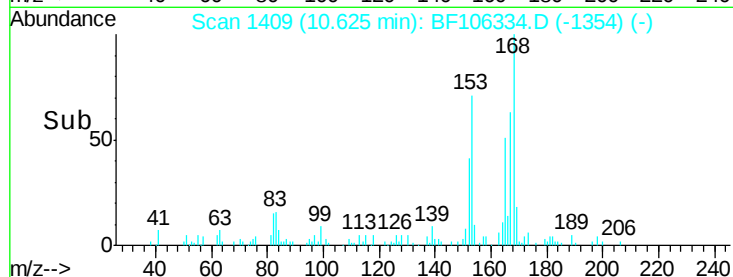
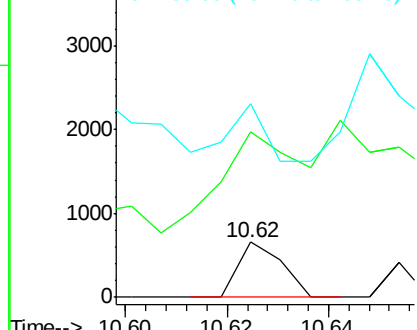
#64
4,6-Dinitro-2-methylphenol
Concen: 6.409 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.02 min
Lab File: BF106334.D
Acq: 12 Jun 2018 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 390
Ion Ratio Lower Upper
198 100
51 299.8 37.7 77.7#
105 351.4 36.3 76.3#

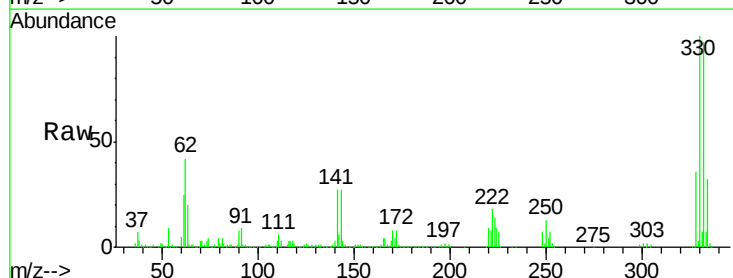


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

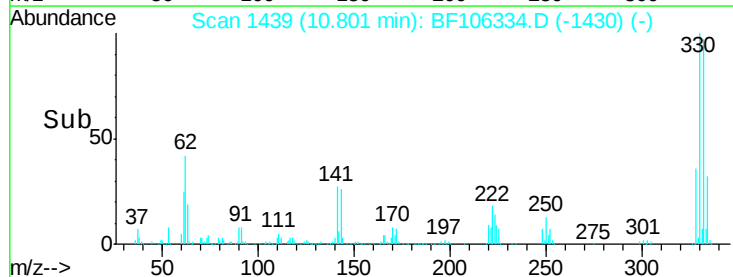
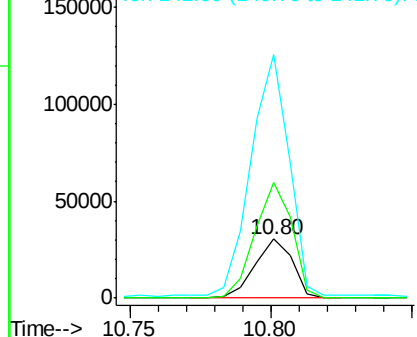


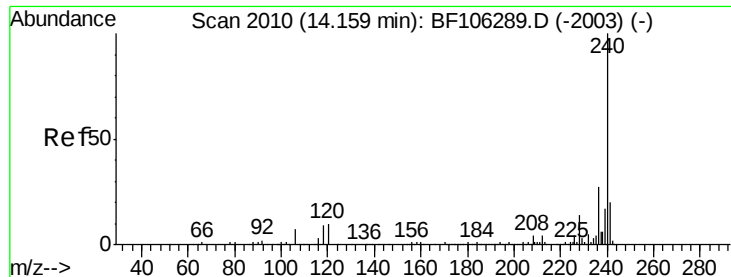
#66
4-Bromophenyl-phenylether
Concen: 4.469 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106334.D
Acq: 12 Jun 2018 9:53

Tgt Ion:248 Resp: 28063
Ion Ratio Lower Upper
248 100
250 196.6 76.9 115.3#
141 414.7 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: BF106334.D

Acq: 12 Jun 2018 9:53

Instrument :

BNA_F

ClientSampleId :

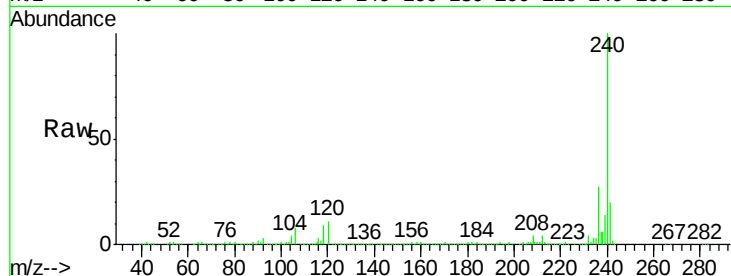
Tot Ion:240 Resp: 510217

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

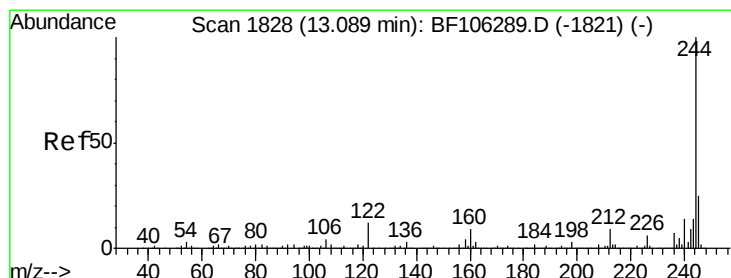
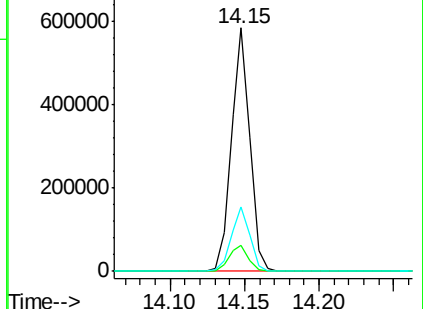
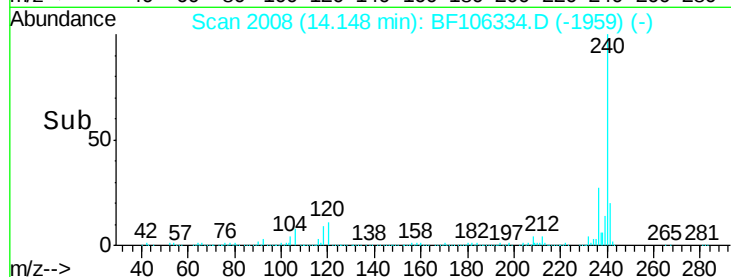
236 26.7 20.7 31.1



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: 81.759 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106334.D

Acq: 12 Jun 2018 9:53

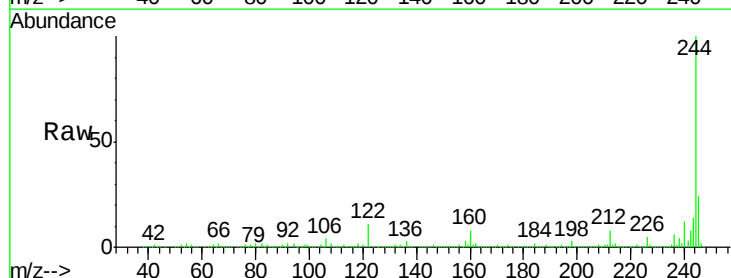
Tgt Ion:244 Resp: 1679495

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

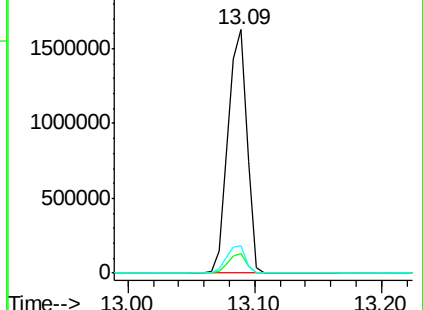
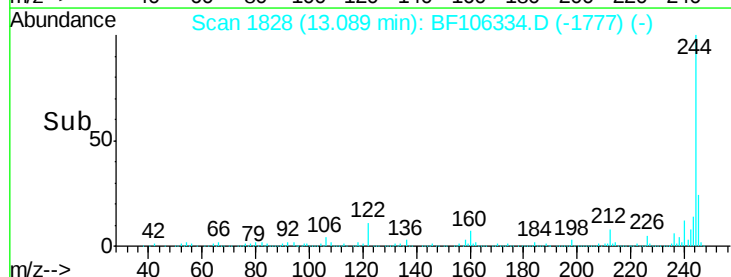
122 11.2 11.0 16.4

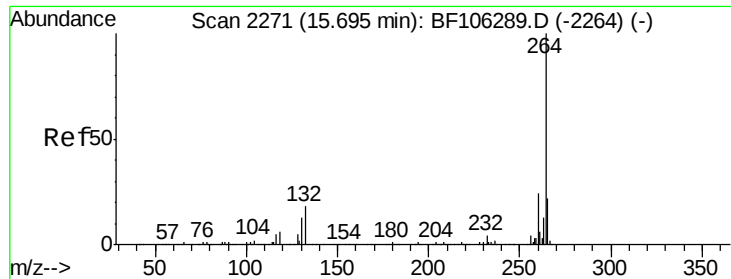


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106334.D
Acq: 12 Jun 2018 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.5	26.3

