

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
 Data File : BF107609.D
 Acq On : 24 Jul 2018 8:46
 Operator : JU/SJ
 Sample : J4103-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 10:45:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	273819	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1073646	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	430775	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	720500	20.00	ng	0.00
75) Chrysene-d12	14.17	240	566336	20.00	ng	0.00
86) Perylene-d12	15.71	264	444829	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1197731	70.33	ng	0.00
7) Phenol-d6	6.61	99	1557248	76.15	ng	0.00
23) Nitrobenzene-d5	7.54	82	991296	62.31	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	371339	75.81	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1861740	70.59	ng	0.00
78) Terphenyl-d14	13.10	244	1510618	68.29	ng	0.00

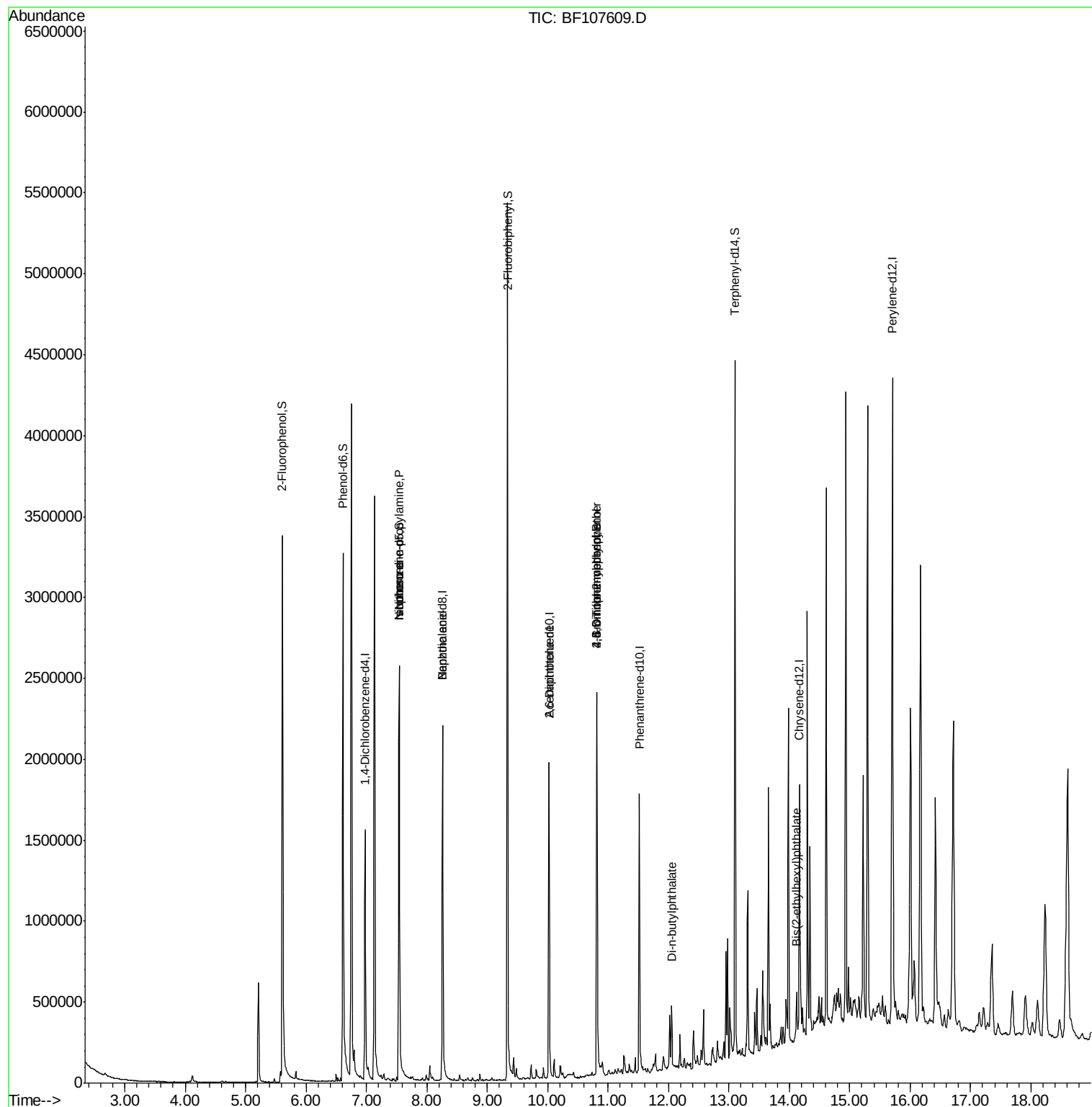
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	972	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.54	70	130110	9.849 ng	#	78
25) Isophorone	7.54	82	991291	29.183 ng	#	64
32) Benzoic acid	8.26	122	134	7.911 ng	#	1
50) 2,6-Dinitrotoluene	10.02	165	56566	8.776 ng	#	26
64) 4,6-Dinitro-2-methylphenol	10.82	198	727	8.852 ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	21467	2.531 ng	#	1
73) Di-n-butylphthalate	12.05	149	177834	2.320 ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	2381	Below Cal	#	61
83) Bis(2-ethylhexyl)phthalate	14.12	149	51482	2.190 ng		99

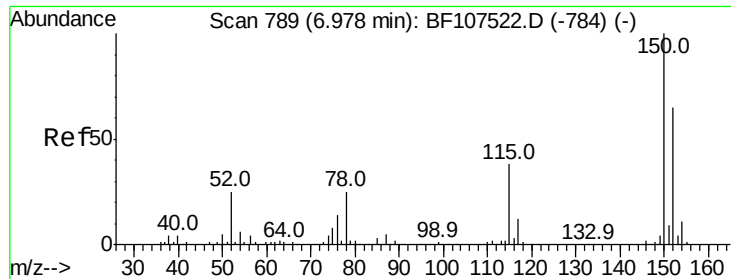
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107609.D
Acq On : 24 Jul 2018 8:46
Operator : JU/SJ
Sample : J4103-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 24 10:45:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



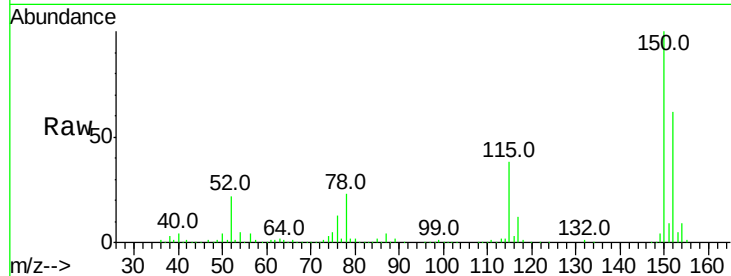


#1

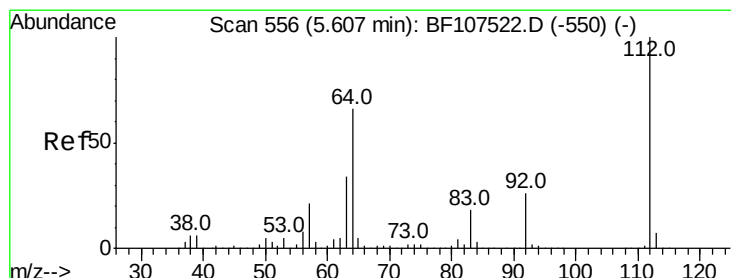
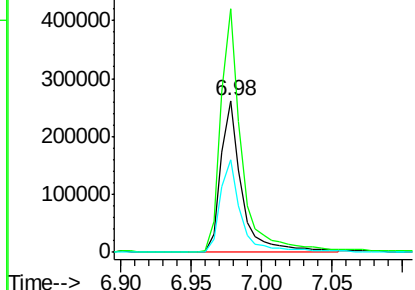
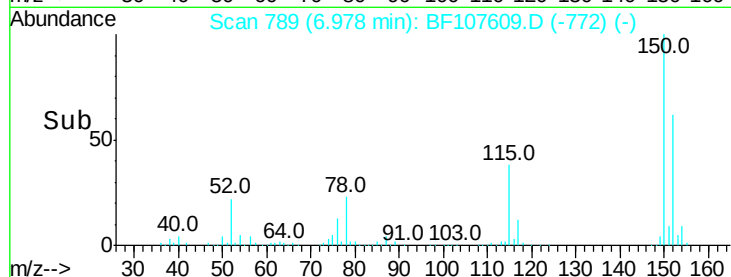
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF107609.D
Acq: 24 Jul 2018 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 273819
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 61.0 50.1 75.1



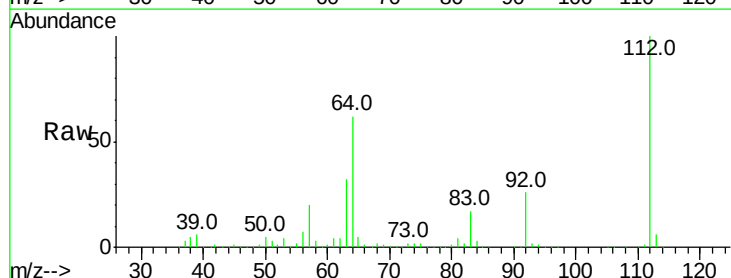
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



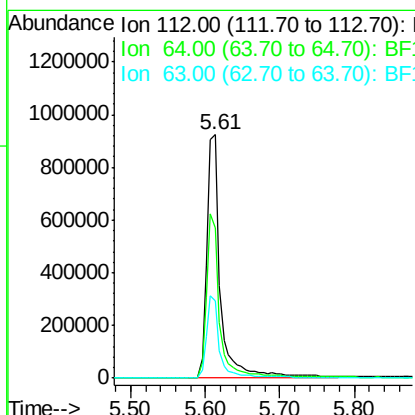
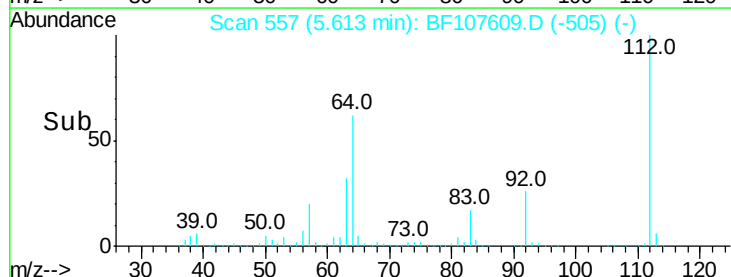
#5

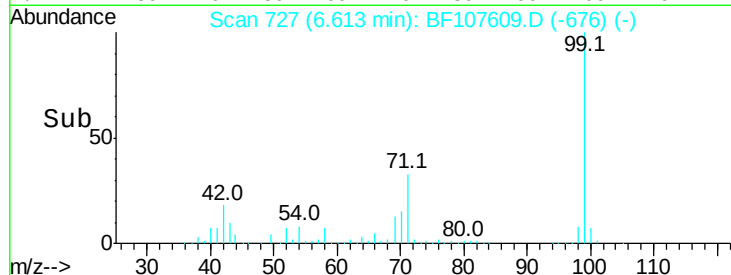
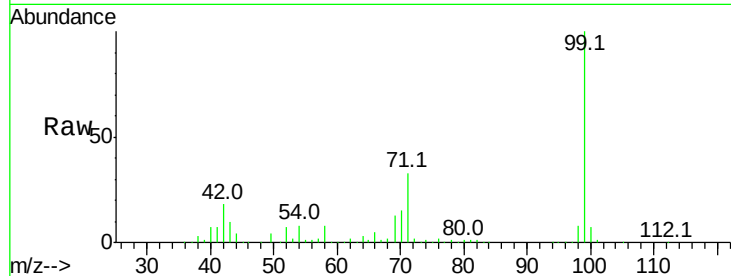
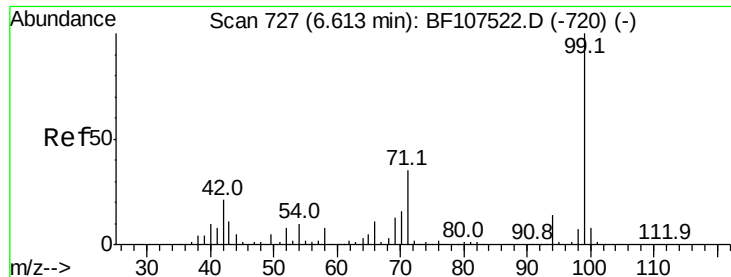
2-Fluorophenol
Concen: 70.328 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107609.D
Acq: 24 Jul 2018 8:46

Tgt Ion:112 Resp: 1197731
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 31.9 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: 76.152 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107609.D

Acq: 24 Jul 2018 8:46

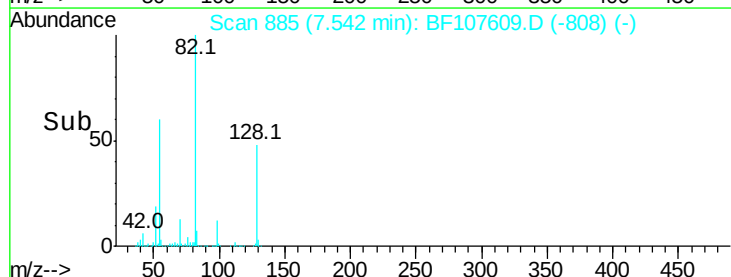
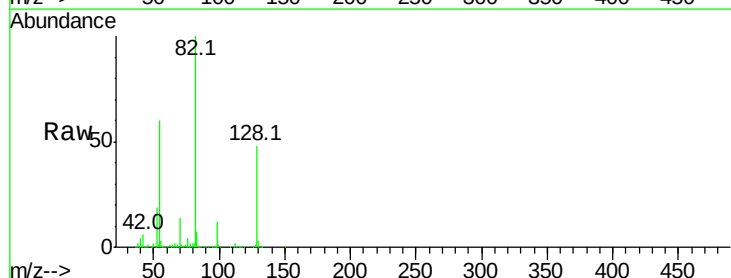
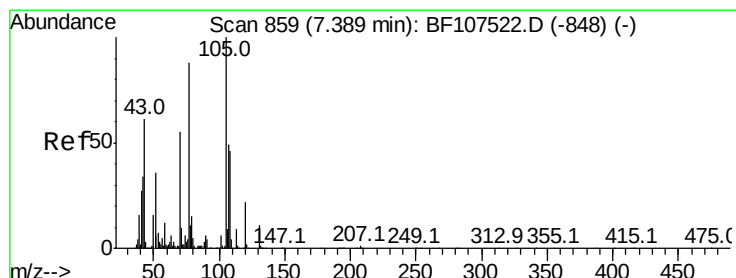
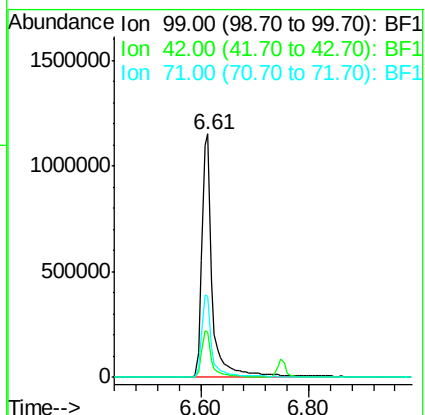
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1557248

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	33.1	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.849 ng

RT: 7.54 min Scan# 885

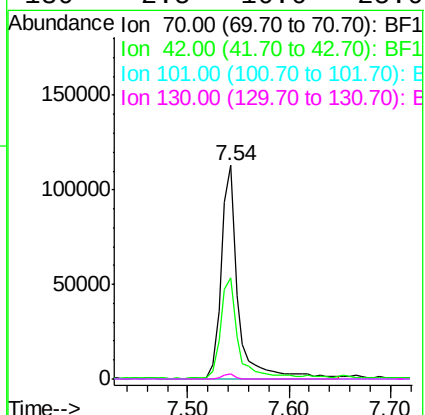
Delta R.T. 0.15 min

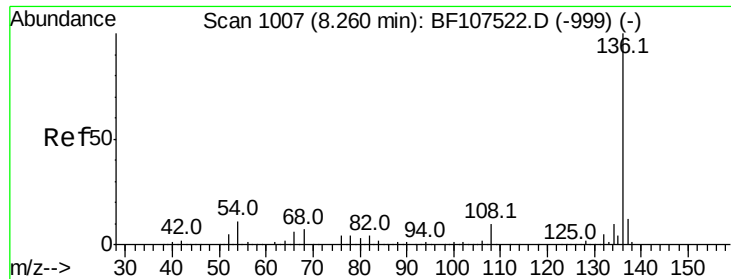
Lab File: BF107609.D

Acq: 24 Jul 2018 8:46

Tgt Ion: 70 Resp: 130110

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF107609.D

Acq: 24 Jul 2018 8:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1073646

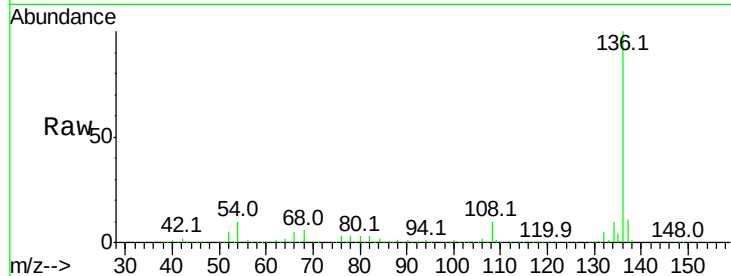
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.8 6.6 9.8

68 6.0 5.0 7.4

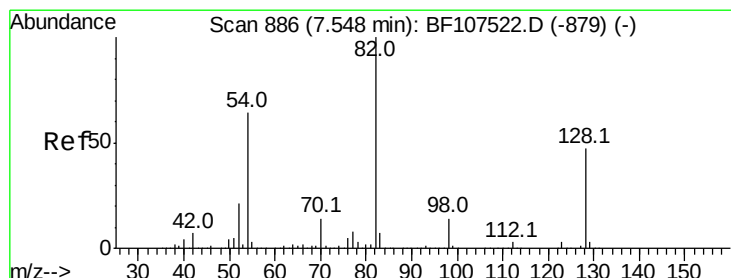
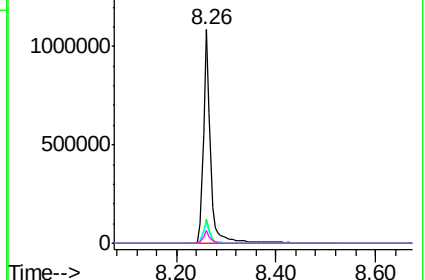
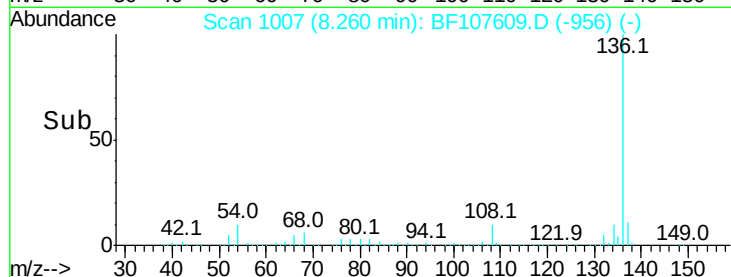


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.311 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107609.D

Acq: 24 Jul 2018 8:46

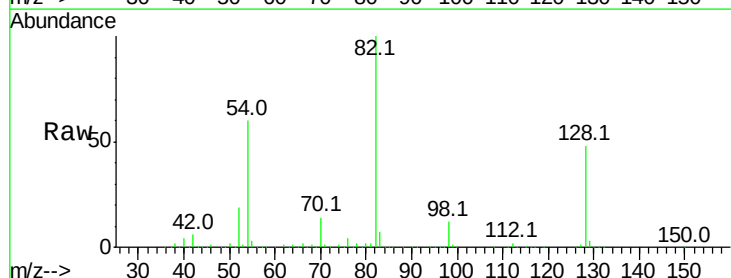
Tgt Ion: 82 Resp: 991296

Ion Ratio Lower Upper

82 100

128 48.1 36.1 54.1

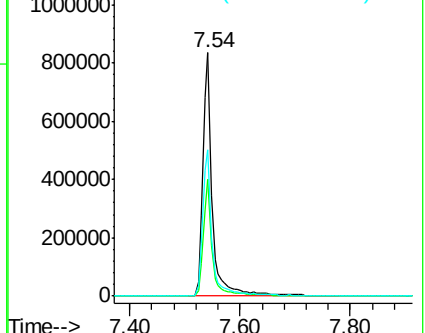
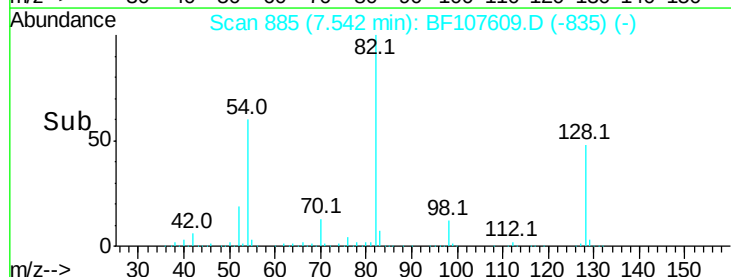
54 60.3 41.4 62.2

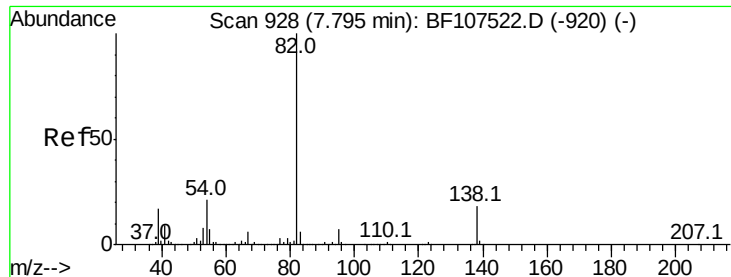


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 29.183 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.25 min

Lab File: BF107609.D

Acq: 24 Jul 2018 8:46

Instrument :

BNA_F

ClientSampleId :

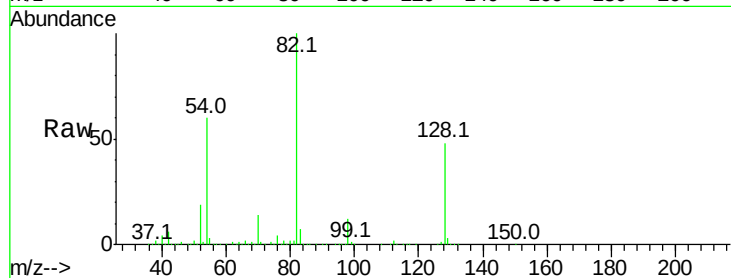
Tot Ion: 82 Resp: 991291

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

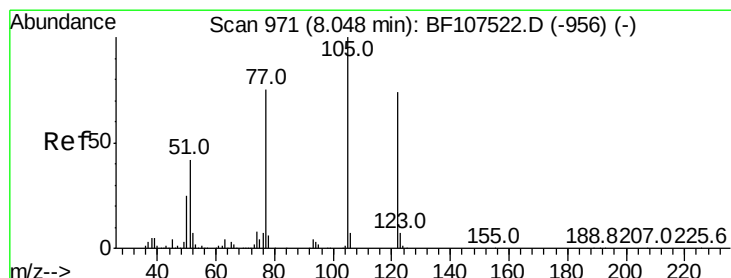
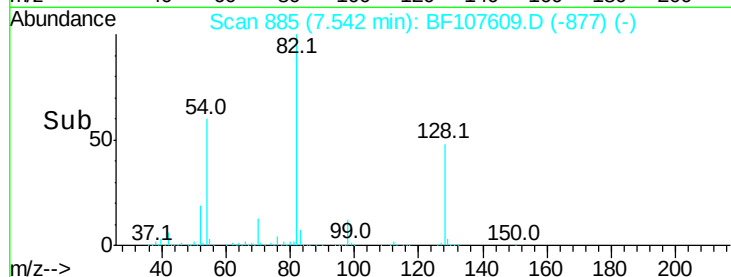
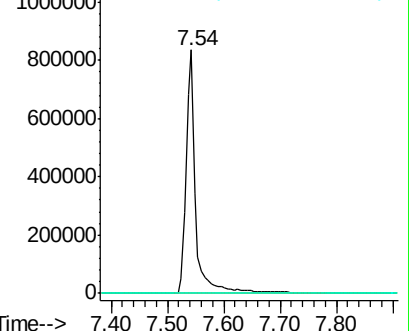
138 0.0 14.9 22.3#



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: 7.911 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.21 min

Lab File: BF107609.D

Acq: 24 Jul 2018 8:46

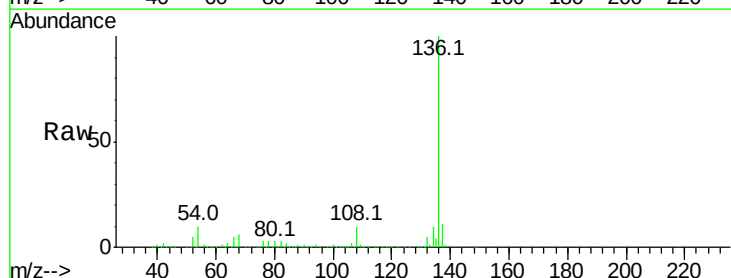
Tgt Ion: 122 Resp: 134

Ion Ratio Lower Upper

122 100

105 367.3 101.1 141.1#

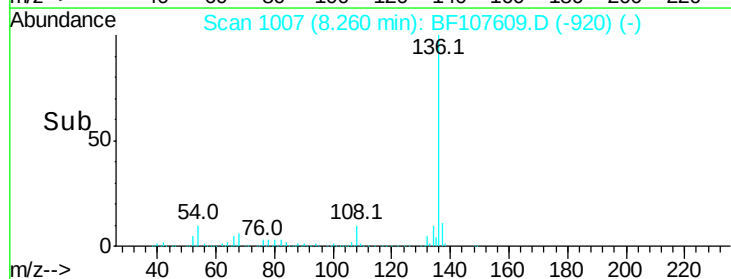
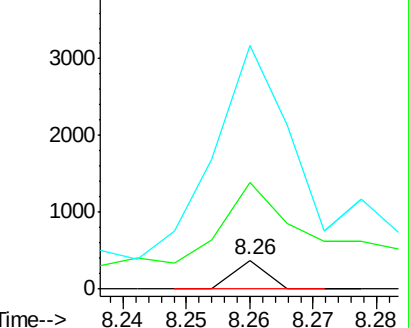
77 837.2 70.7 110.7#

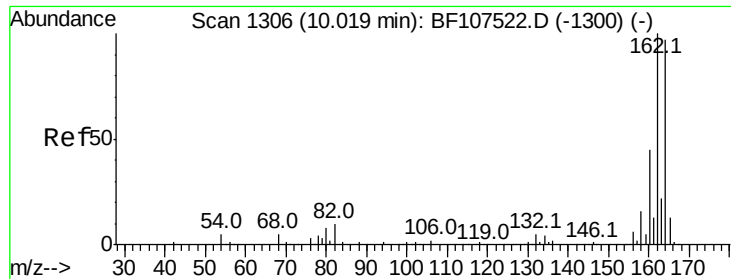


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

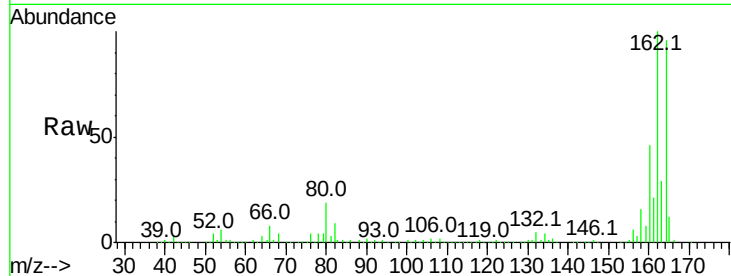




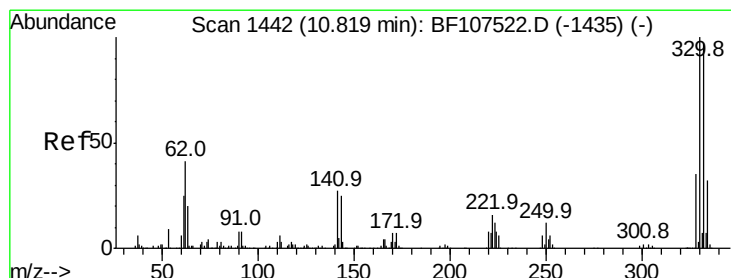
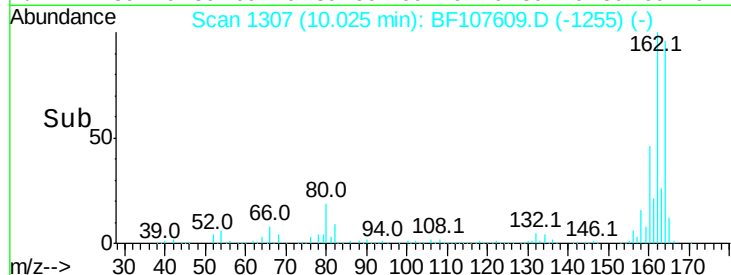
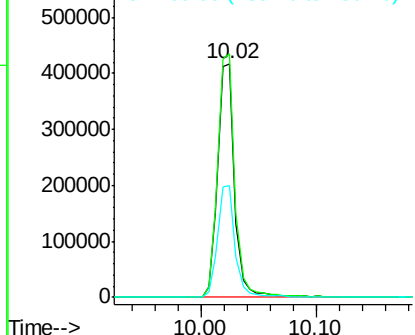
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF107609.D
 Acq: 24 Jul 2018 8:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 430775
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 47.9 38.3 57.5

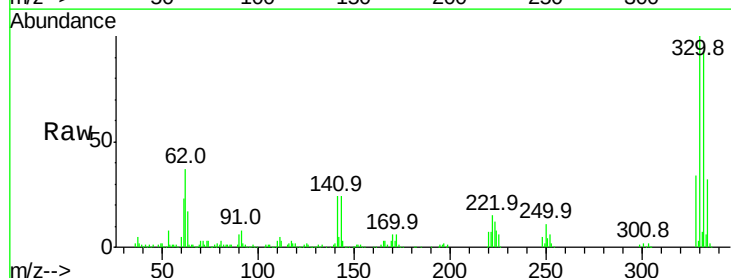


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

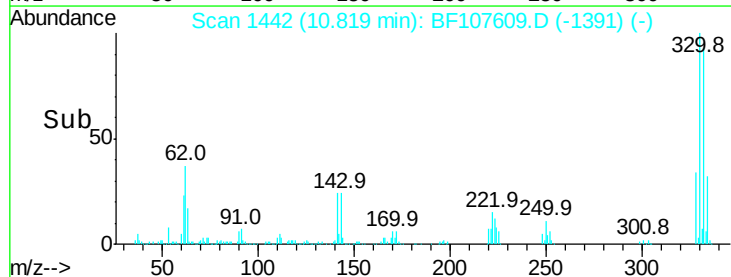
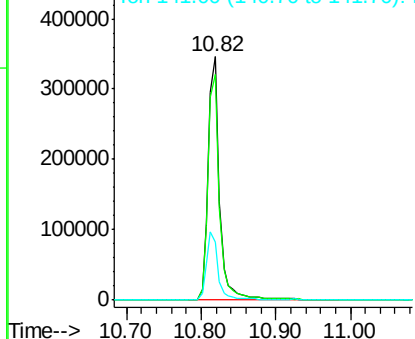


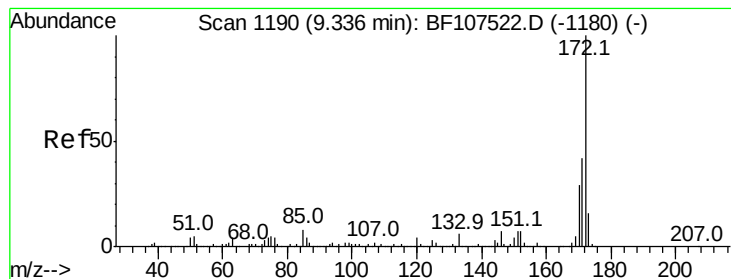
#41
 2,4,6-Tribromophenol
 Concen: 75.805 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF107609.D
 Acq: 24 Jul 2018 8:46

Tgt Ion:330 Resp: 371339
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 28.8 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: 70.594 ng

RT: 9.34 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF107609.D

Acq: 24 Jul 2018 8:46

Instrument :

BNA_F

ClientSampled :

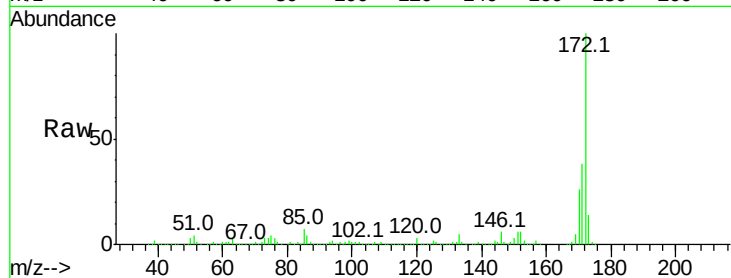
Tot Ion:172 Resp: 1861740

Ion Ratio Lower Upper

172 100

171 38.0 29.7 44.5

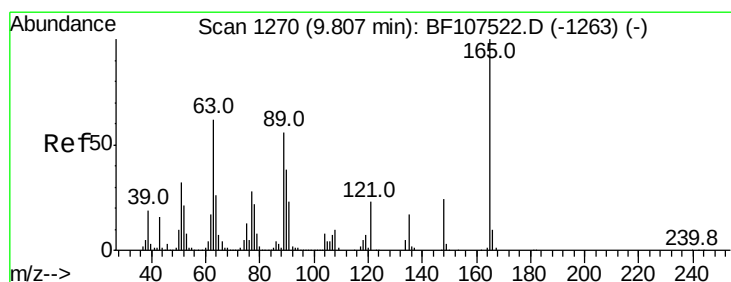
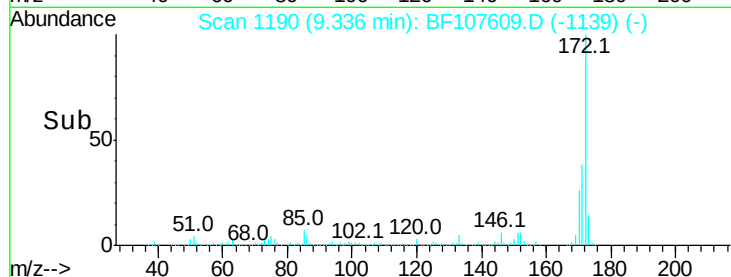
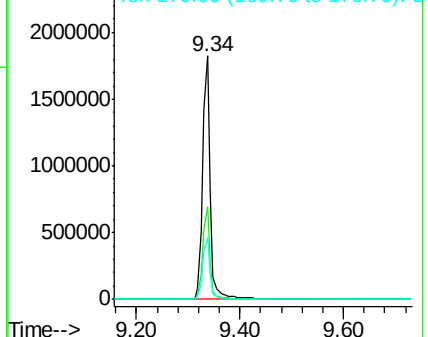
170 25.5 19.6 29.4



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



#50

2,6-Dinitrotoluene

Concen: 8.776 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.21 min

Lab File: BF107609.D

Acq: 24 Jul 2018 8:46

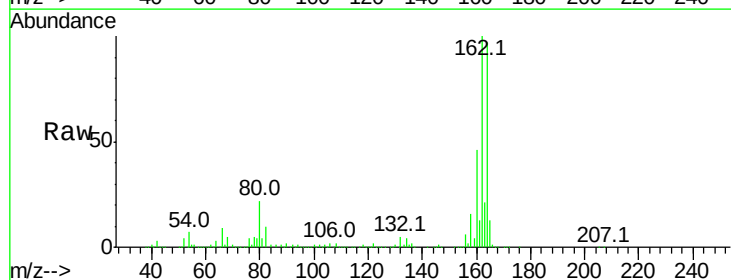
Tgt Ion:165 Resp: 56566

Ion Ratio Lower Upper

165 100

63 1.9 44.7 67.1#

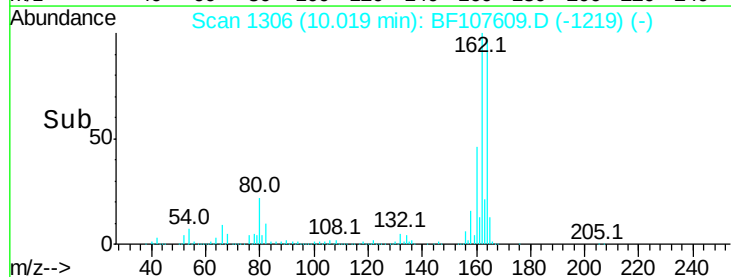
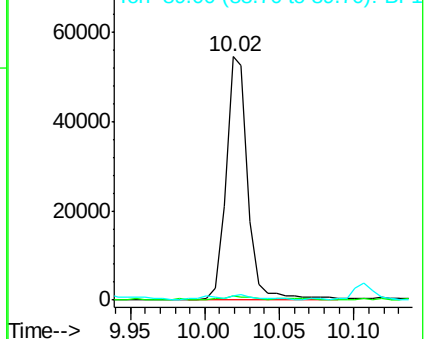
89 1.8 44.0 66.0#

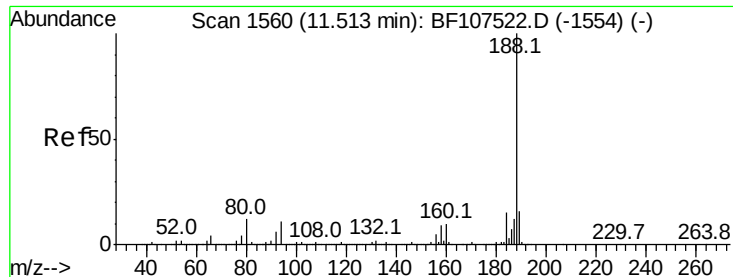


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

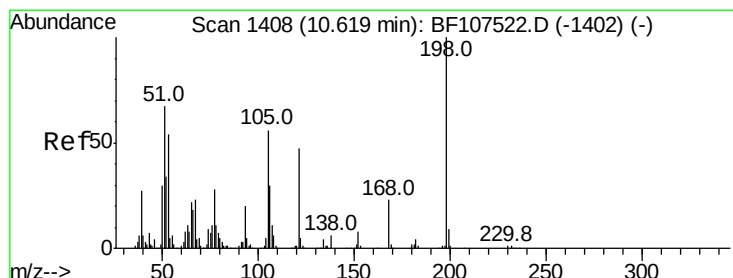
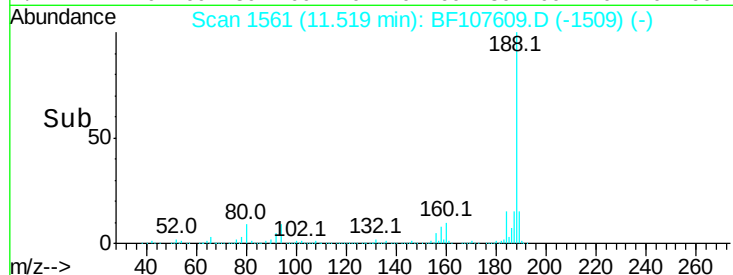
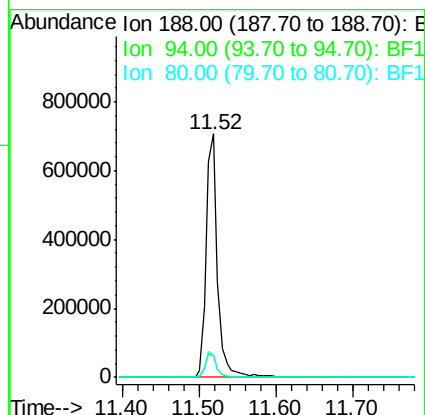
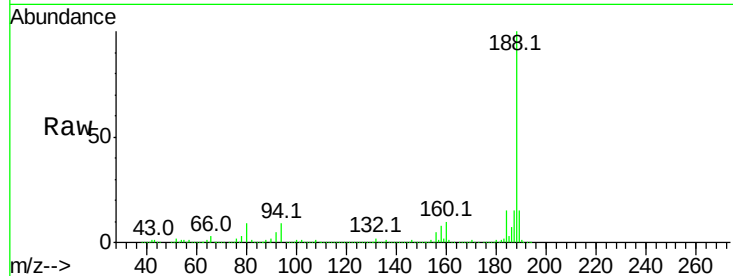




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF107609.D
 Acq: 24 Jul 2018 8:46

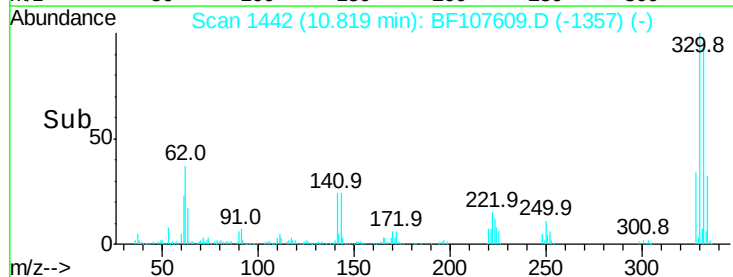
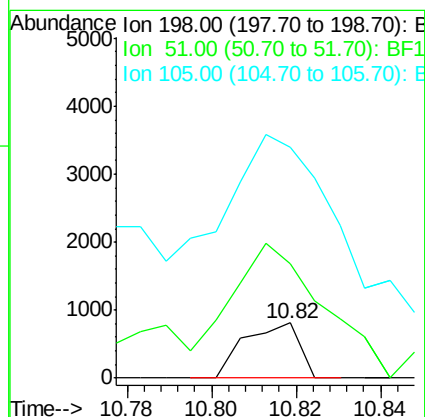
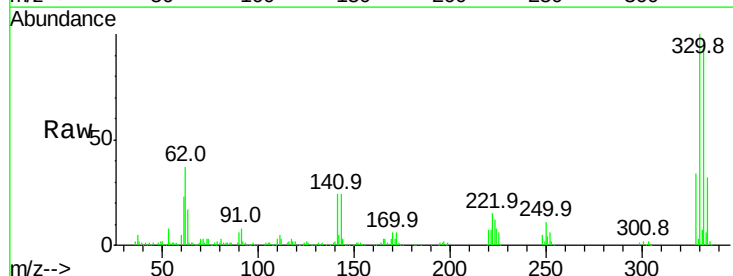
Instrument :
 BNA_F
 ClientSampled :

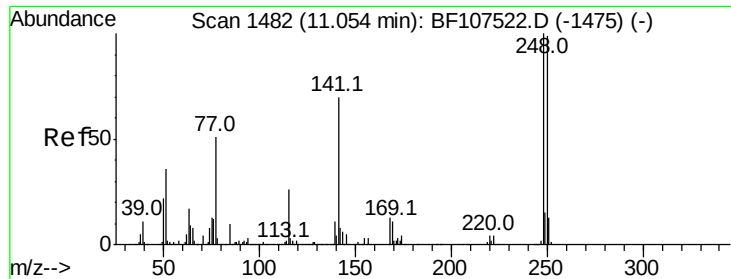
Tot Ion:188 Resp: 720500
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 9.0 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.852 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.20 min
 Lab File: BF107609.D
 Acq: 24 Jul 2018 8:46

Tgt Ion:198 Resp: 727
 Ion Ratio Lower Upper
 198 100
 51 206.8 37.7 77.7#
 105 417.8 36.3 76.3#

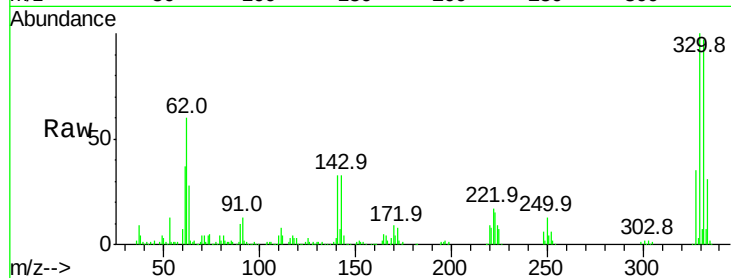




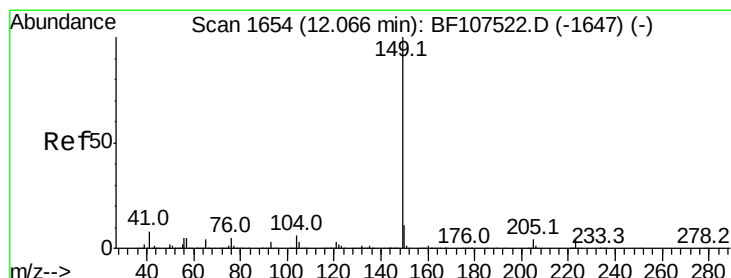
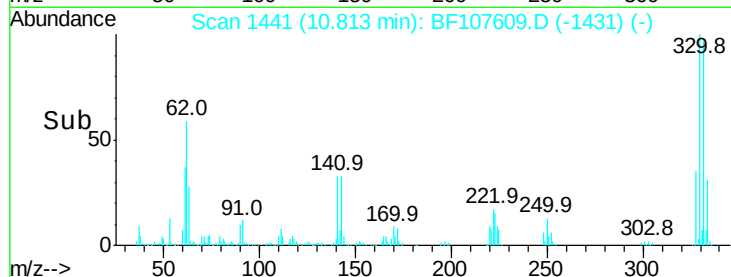
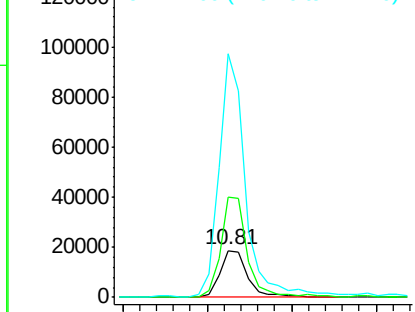
#66
4-Bromophenyl-phenylether
Concen: 2.531 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF107609.D
Acq: 24 Jul 2018 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 21467
Ion Ratio Lower Upper
248 100
250 213.4 76.9 115.3#
141 521.1 74.4 111.6#

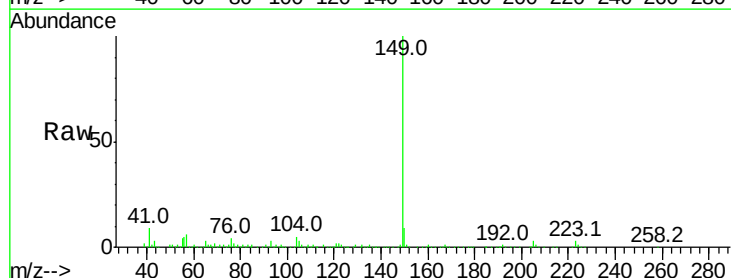


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

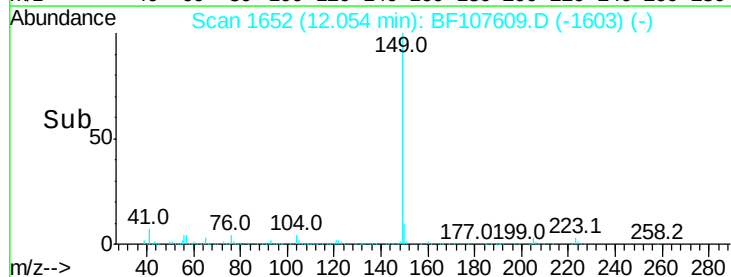
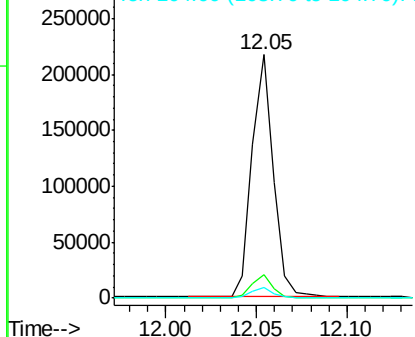


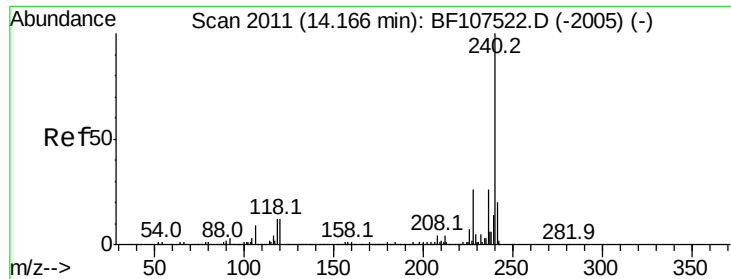
#73
Di-n-butylphthalate
Concen: 2.320 ng
RT: 12.05 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BF107609.D
Acq: 24 Jul 2018 8:46

Tgt Ion:149 Resp: 177834
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF107609.D

Acq: 24 Jul 2018 8:46

Instrument :

BNA_F

ClientSampleId :

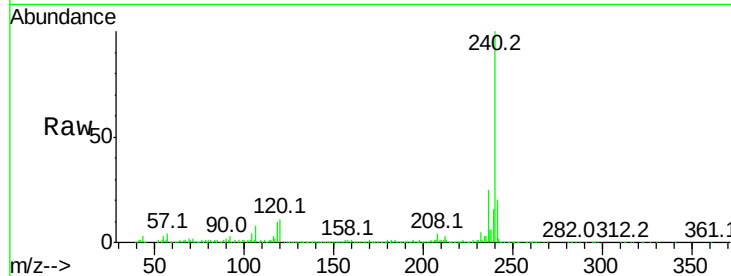
Tot Ion:240 Resp: 566336

Ion Ratio Lower Upper

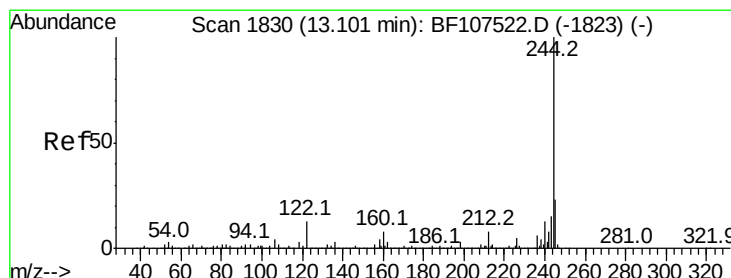
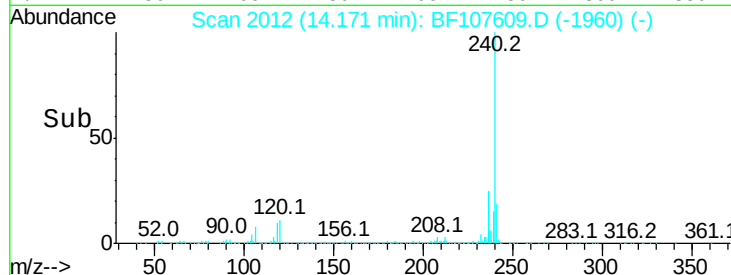
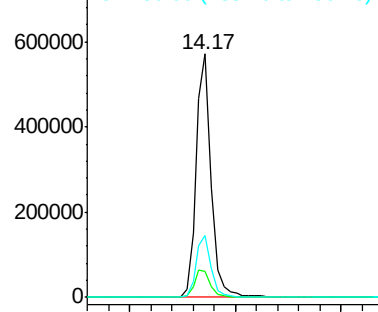
240 100

120 10.8 9.5 14.3

236 25.4 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: 68.287 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107609.D

Acq: 24 Jul 2018 8:46

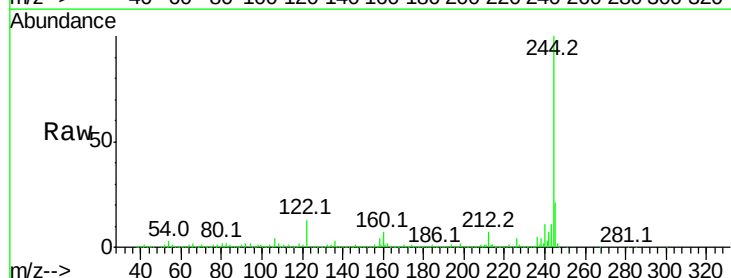
Tgt Ion:244 Resp: 1510618

Ion Ratio Lower Upper

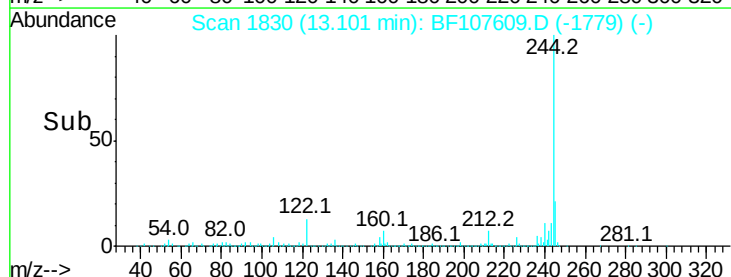
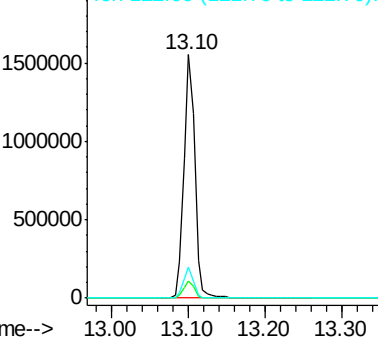
244 100

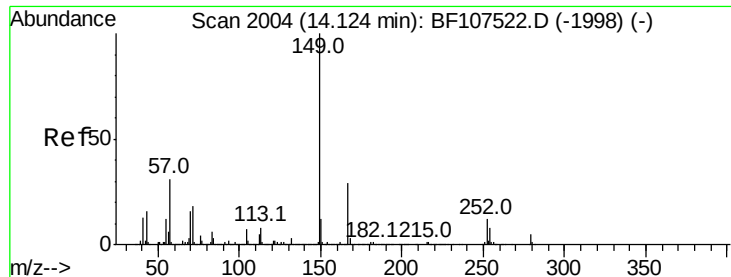
212 7.2 5.4 8.0

122 12.6 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

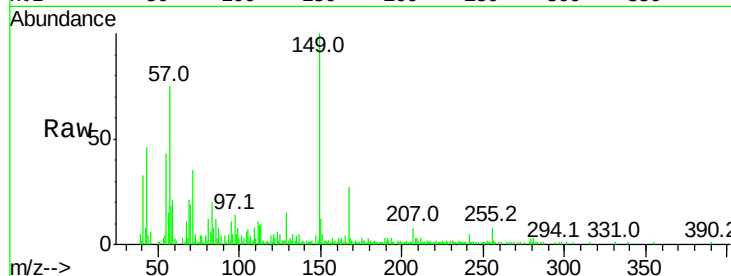




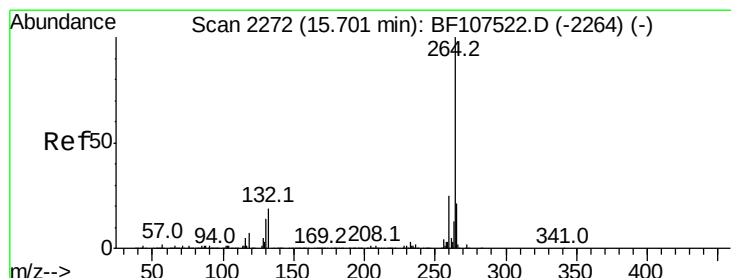
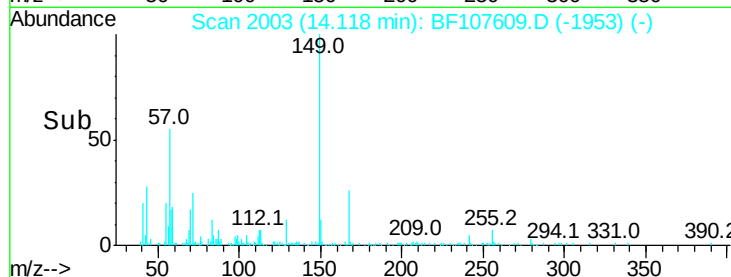
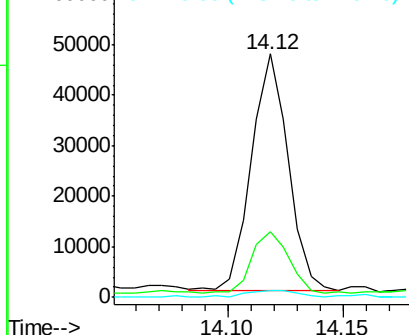
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.190 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF107609.D
 Acq: 24 Jul 2018 8:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 51482
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 3.0 3.0 4.4

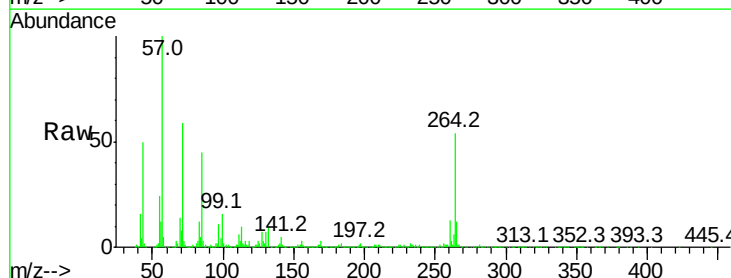


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF107609.D
 Acq: 24 Jul 2018 8:46

Tgt Ion:264 Resp: 444829
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.8 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

