

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107640.D
 Acq On : 25 Jul 2018 2:38
 Operator : JU/SJ
 Sample : J4120-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 07:49:45 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	6.97	152	291038	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	1046583	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	403556	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	692695	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	515912	20.00	ng	-0.01
86) Perylene-d12	15.69	264	450873	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	2153253	118.95	ng	0.00
7) Phenol-d6	6.61	99	2584202	118.89	ng	0.00
23) Nitrobenzene-d5	7.54	82	1630251	105.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	542541	118.22	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2423309	112.04	ng	-0.01
78) Terphenyl-d14	13.09	244	1901295	94.35	ng	-0.01

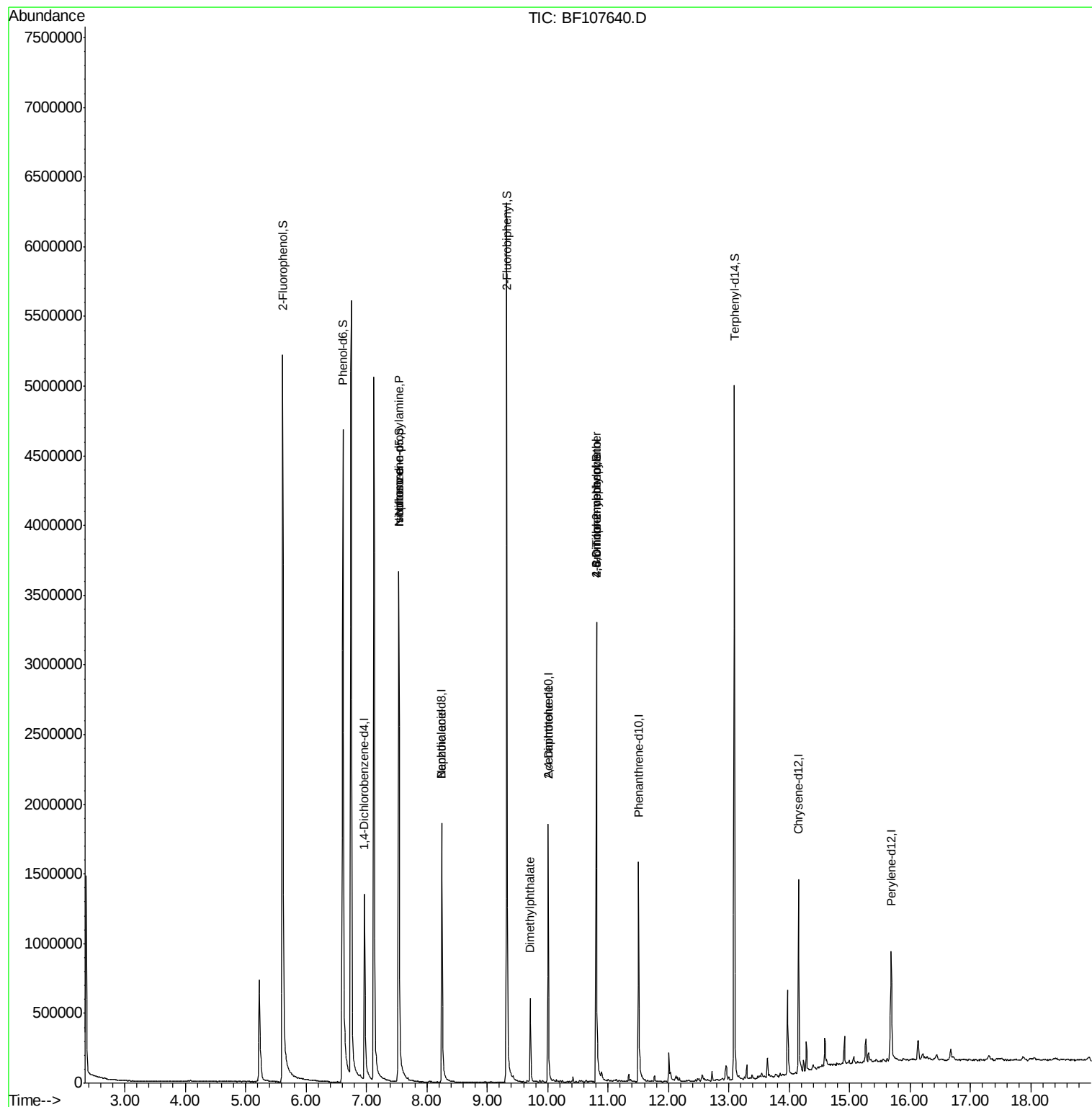
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	216636	15.428	ng	# 79
25) Isophorone	7.54	82	1630243	49.235	ng	# 64
32) Benzoic acid	8.25	122	111	7.909	ng	# 1
49) Dimethylphthalate	9.71	163	257431	8.464	ng	# 99
56) 2,4-Dinitrotoluene	10.01	165	52929	7.261	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	989	8.923	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	32152	3.943	ng	# 1
73) Di-n-butylphthalate	12.05	149	3453	Below Cal		# 92
81) 3,3'-Dichlorobenzidine	14.11	252	984	Below Cal		# 27

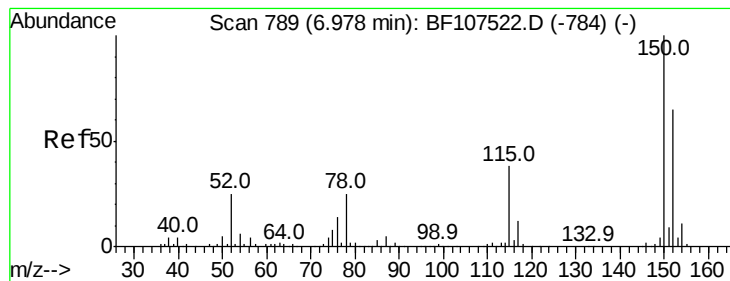
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107640.D
Acq On : 25 Jul 2018 2:38
Operator : JU/SJ
Sample : J4120-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 25 07:49:45 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



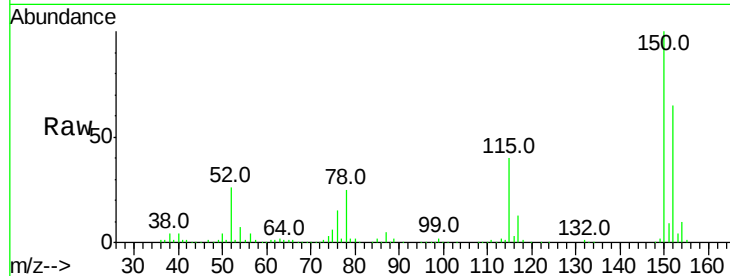


#1

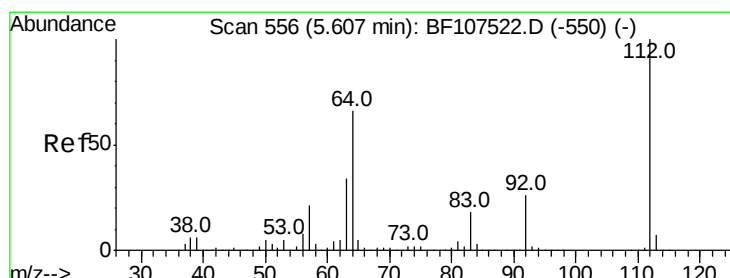
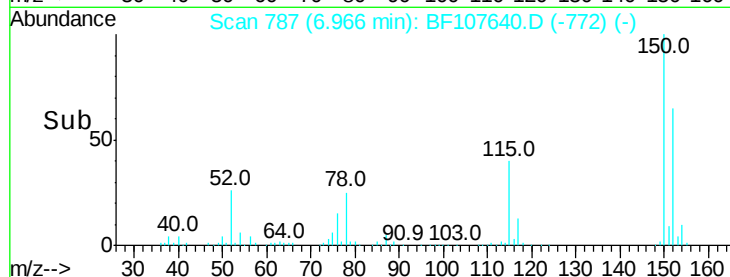
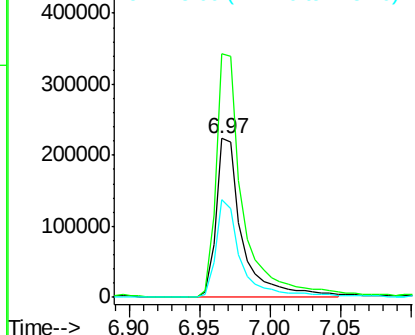
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 291038
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 61.2 50.1 75.1



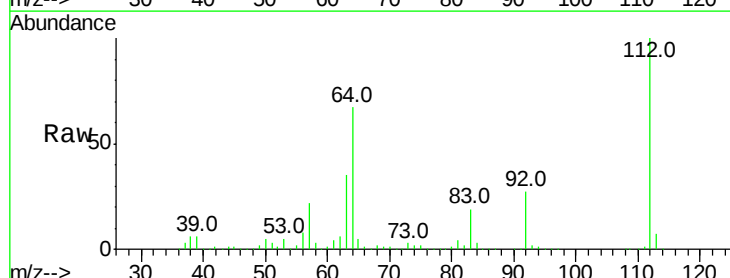
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



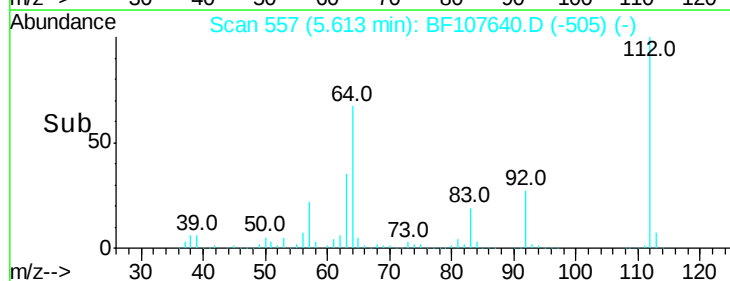
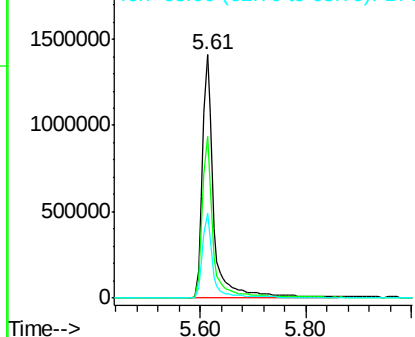
#5

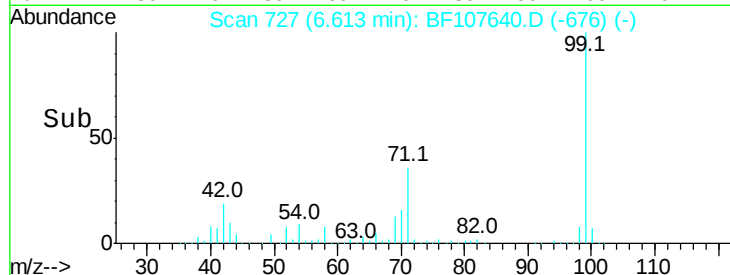
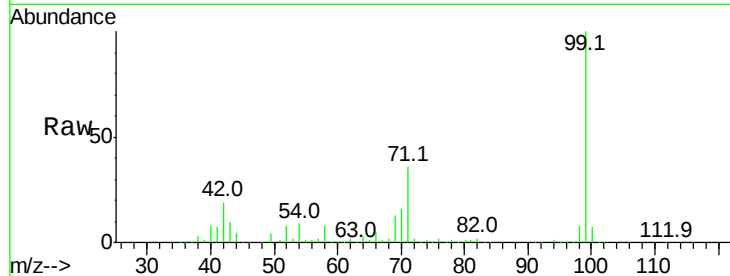
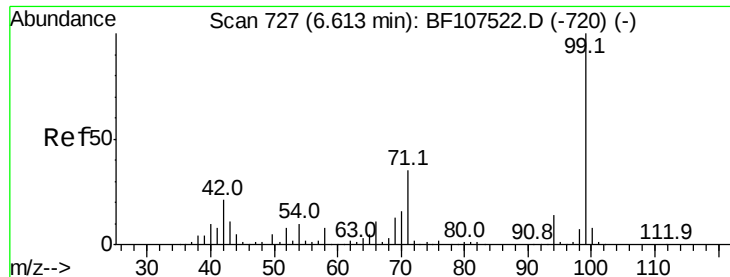
2-Fluorophenol
Concen: 118.954 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Tgt Ion:112 Resp: 2153253
Ion Ratio Lower Upper
112 100
64 66.7 47.9 71.9
63 34.9 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: 118.895 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

Instrument :

BNA_F

ClientSampleId :

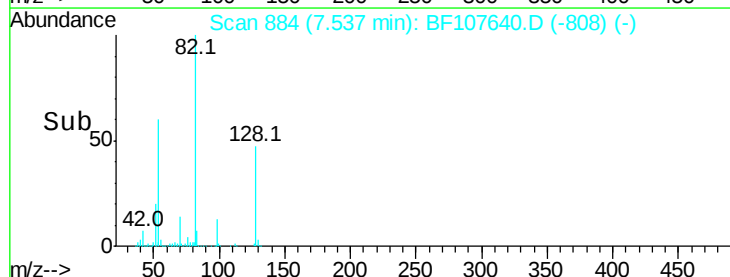
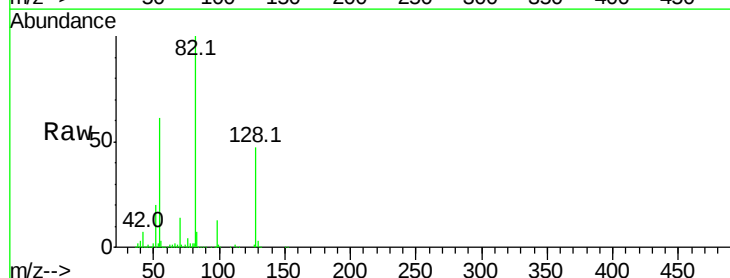
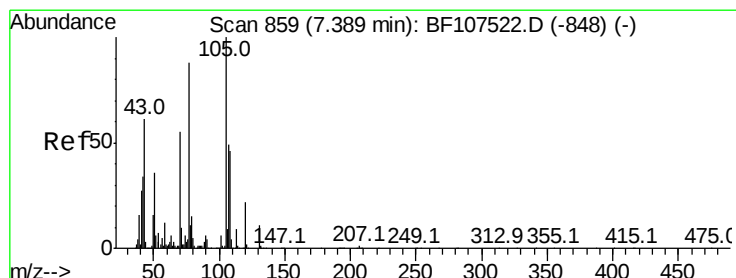
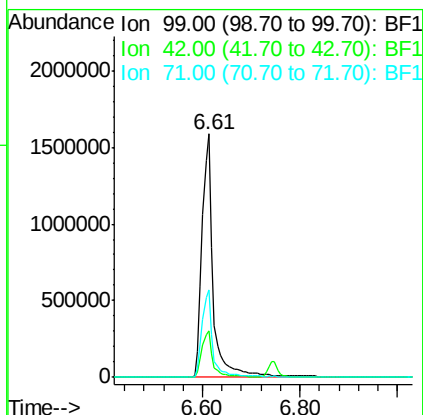
Tot Ion: 99 Resp: 2584202

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 35.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.428 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

Tgt Ion: 70 Resp: 216636

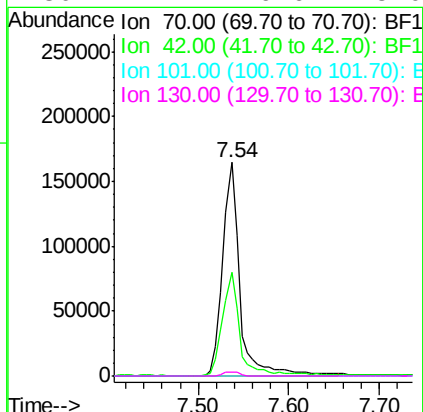
Ion Ratio Lower Upper

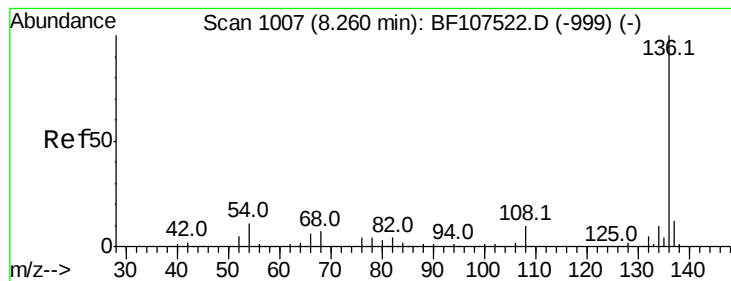
70 100

42 48.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

Instrument :

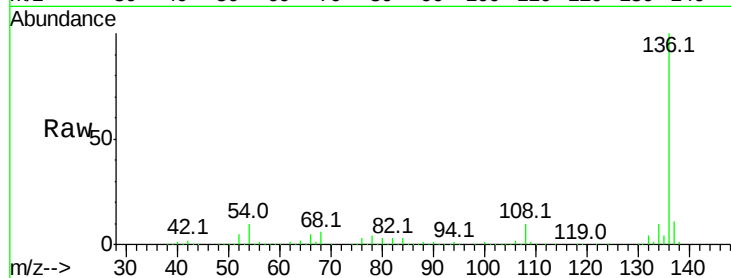
BNA_F

ClientSampled :

Tot Ion:136 Resp: 1046583

Ion Ratio Lower Upper

136	100		
137	11.4	8.9	13.3
54	10.0	6.6	9.8#
68	5.9	5.0	7.4

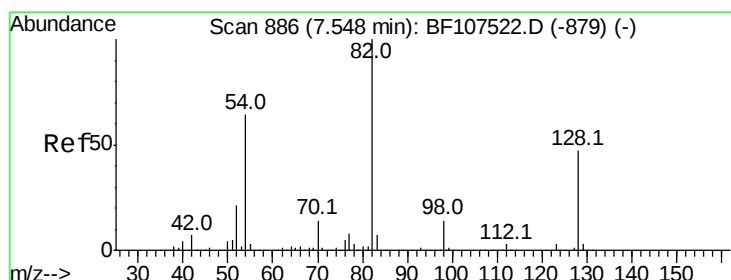
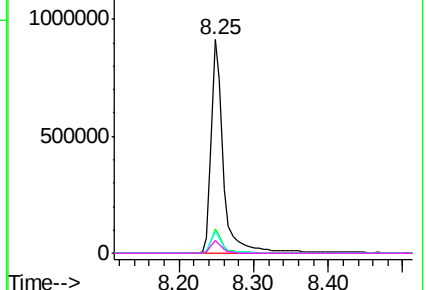
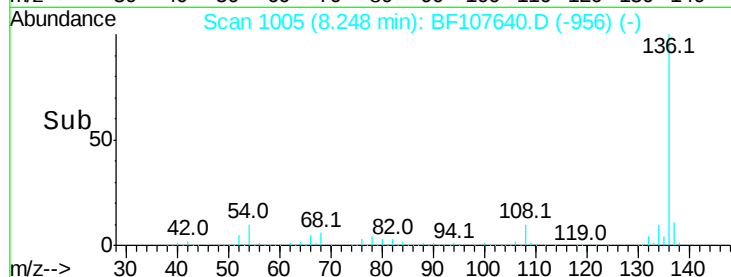


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.125 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

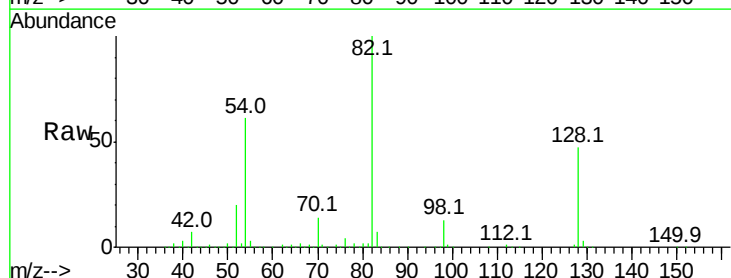
Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

Tgt Ion: 82 Resp: 1630251

Ion Ratio Lower Upper

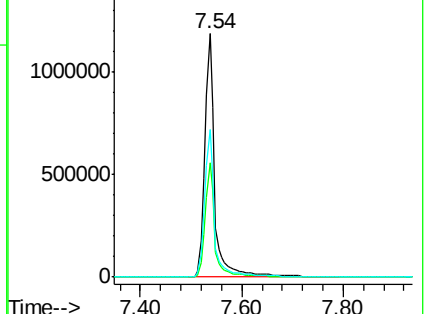
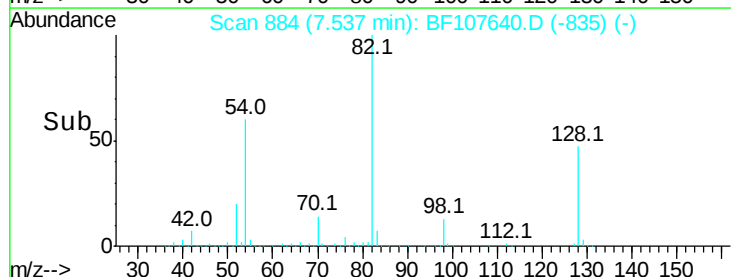
82	100		
128	46.8	36.1	54.1
54	60.5	41.4	62.2

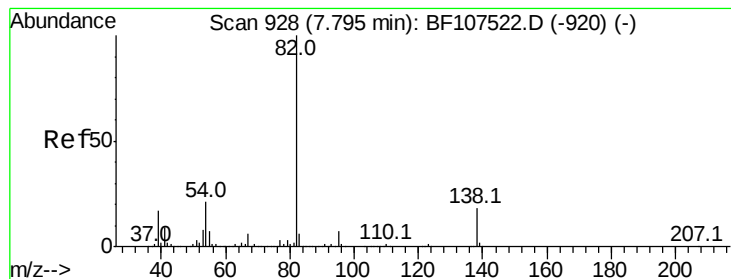


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.235 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

Instrument :

BNA_F

ClientSampleId :

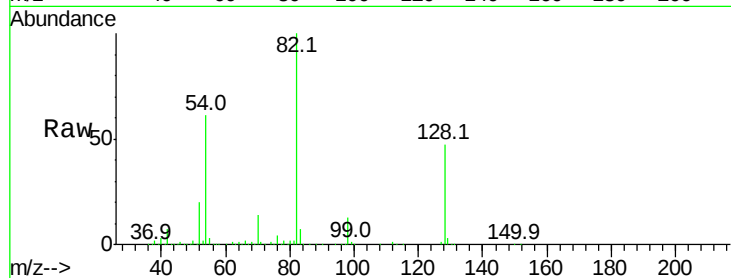
Tot Ion: 82 Resp: 1630243

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

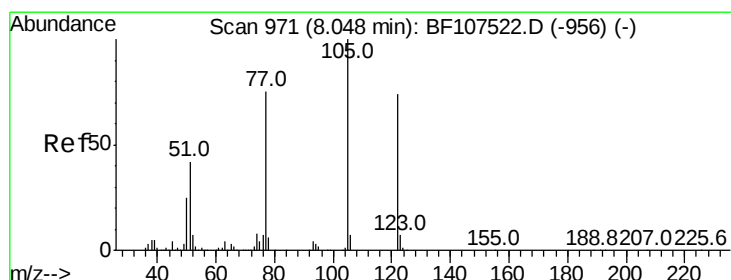
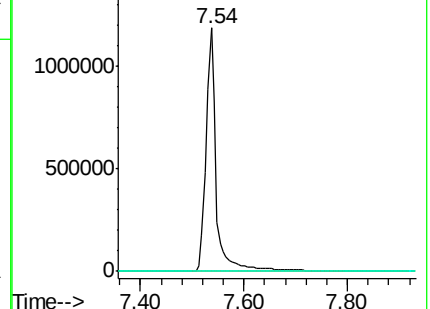
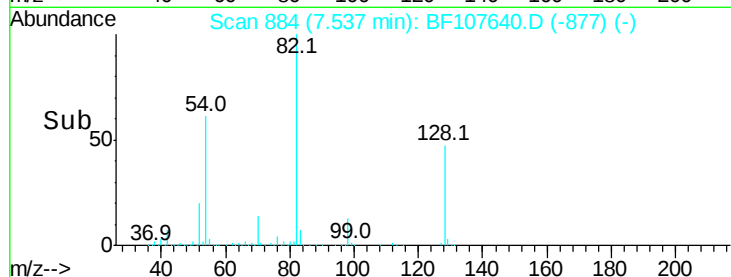
138 0.0 14.9 22.3#



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: 7.909 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.20 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

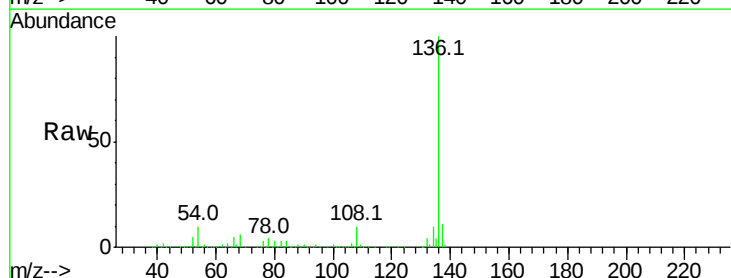
Tgt Ion: 122 Resp: 111

Ion Ratio Lower Upper

122 100

105 249.2 101.1 141.1#

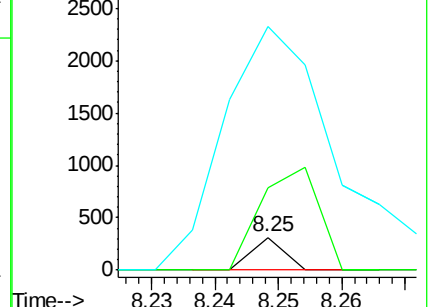
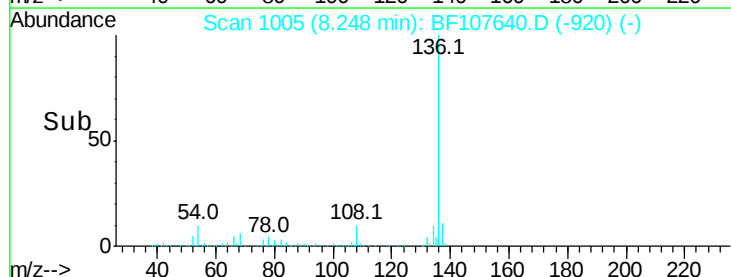
77 738.4 70.7 110.7#

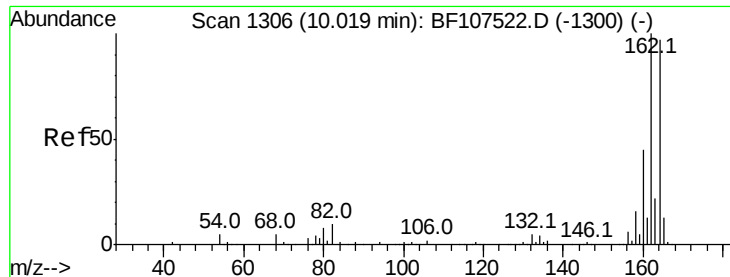


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

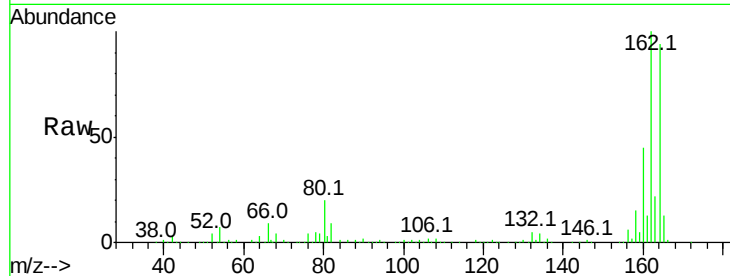




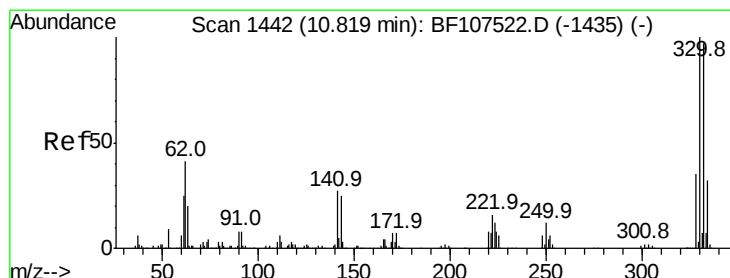
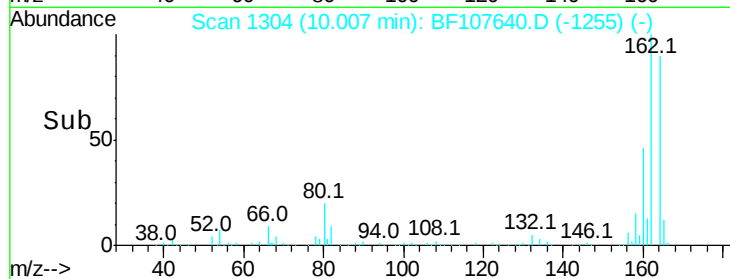
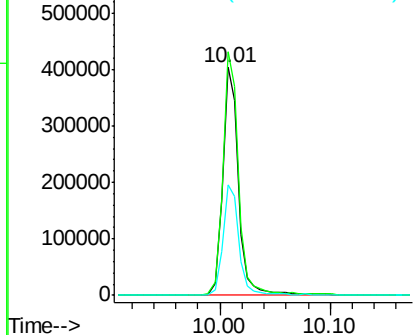
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107640.D
 Acq: 25 Jul 2018 2:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.7	86.1	129.1
160	48.4	38.3	57.5

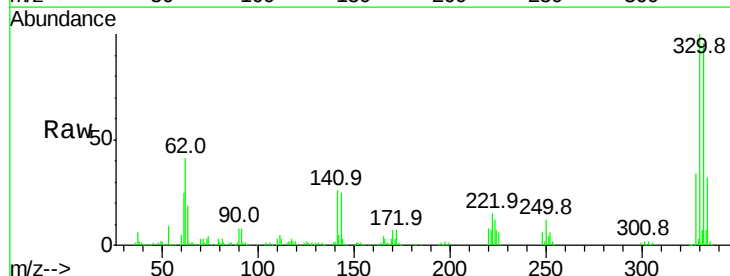


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

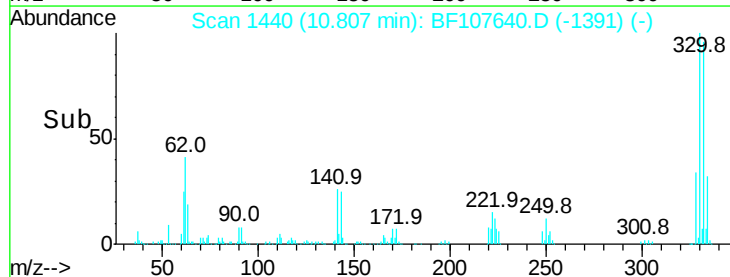
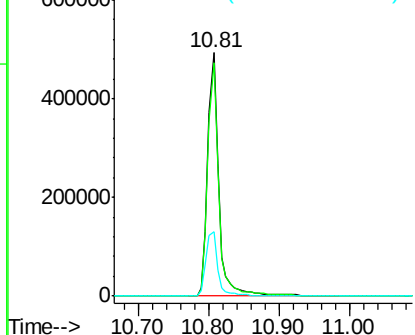


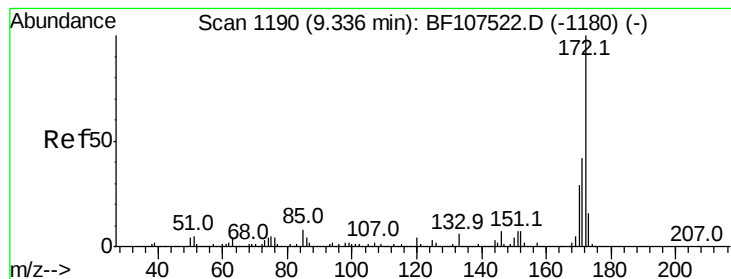
#41
 2,4,6-Tribromophenol
 Concen: 118.225 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107640.D
 Acq: 25 Jul 2018 2:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	29.3	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: 112.038 ng

RT: 9.32 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

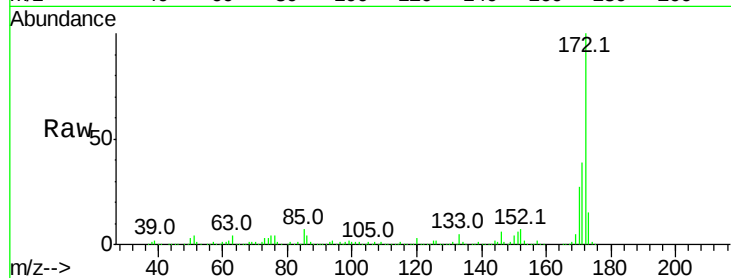
Instrument :

BNA_F

ClientSampled :

Tot Ion:172 Resp: 2423309

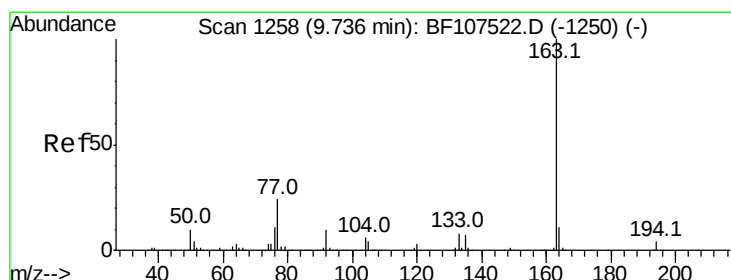
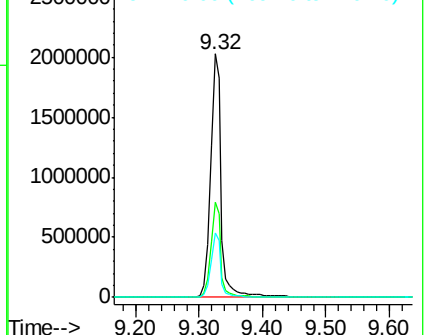
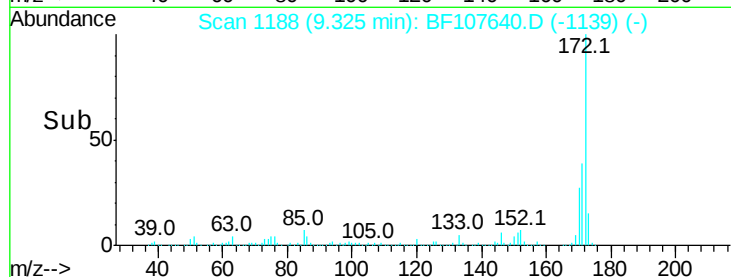
Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.7	44.5
170	26.7	19.6	29.4



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: 8.464 ng

RT: 9.71 min Scan# 1254

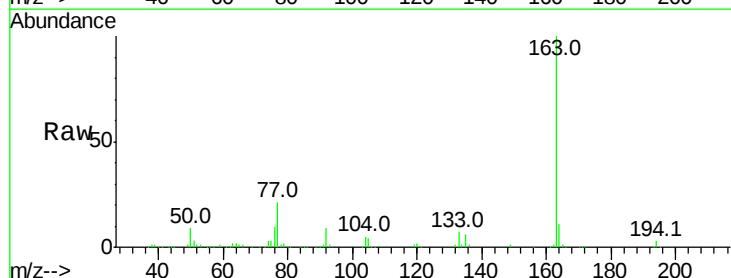
Delta R.T. -0.02 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

Tgt Ion:163 Resp: 257431

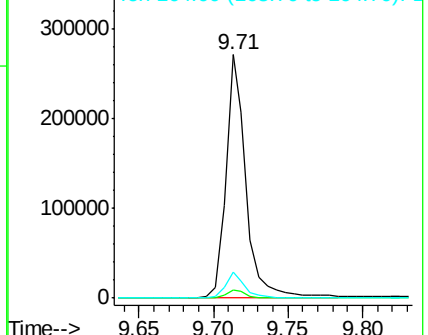
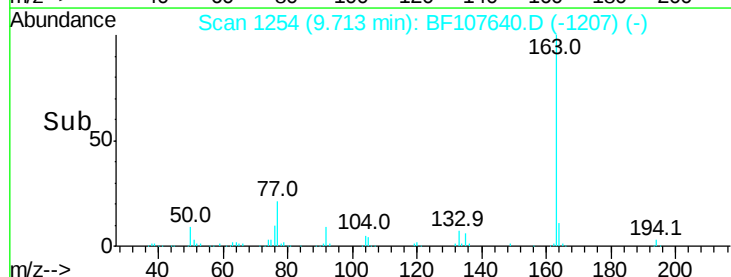
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.6	8.2	12.2

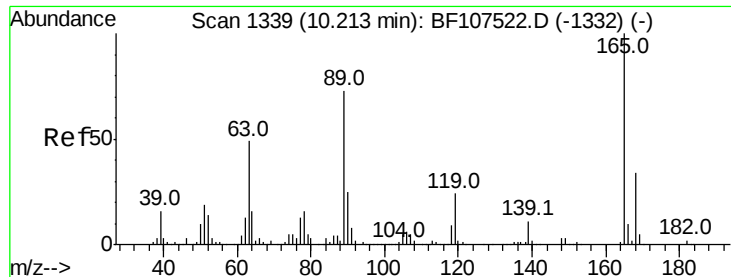


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

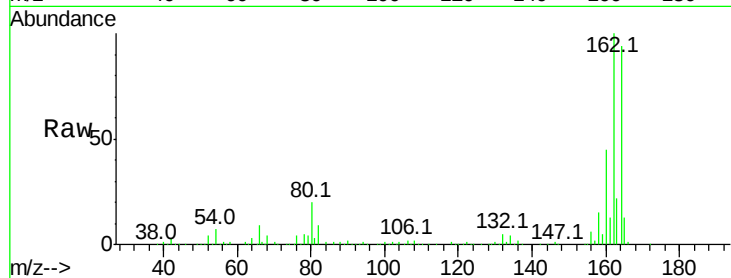




#56
 2,4-Dinitrotoluene
 Concen: 7.261 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF107640.D
 Acq: 25 Jul 2018 2:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#

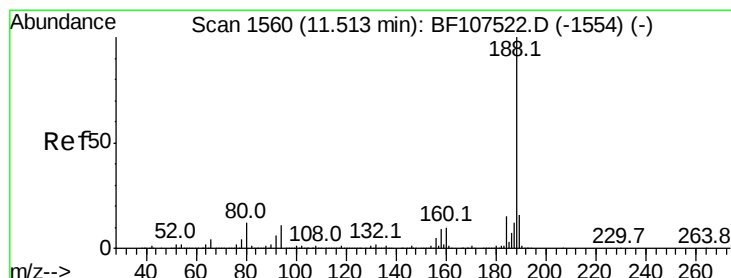
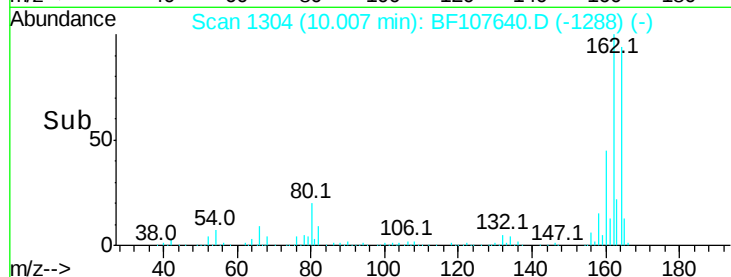
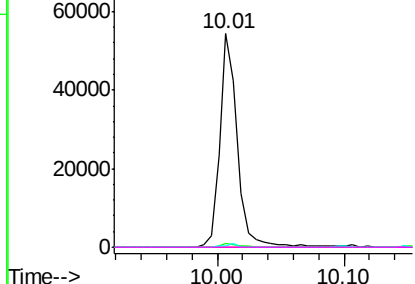


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

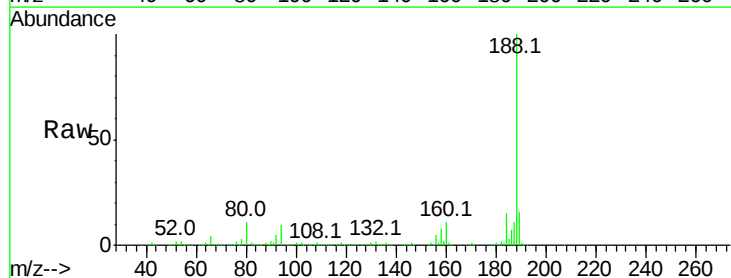
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF107640.D
 Acq: 25 Jul 2018 2:38

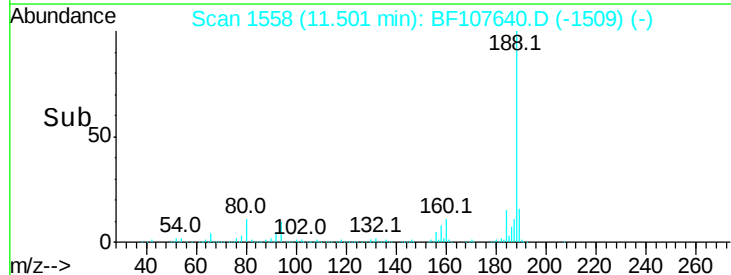
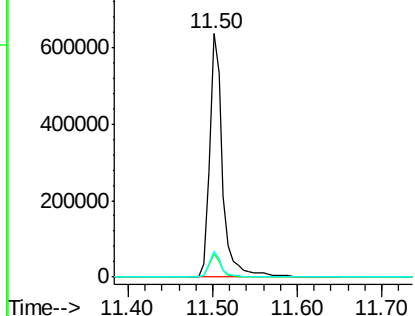
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.7	9.2	13.8

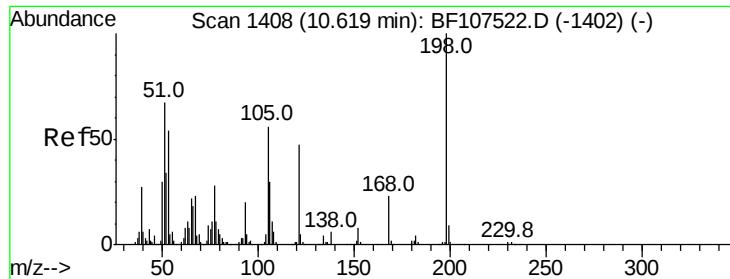


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.923 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.19 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

Instrument :

BNA_F

ClientSampleId :

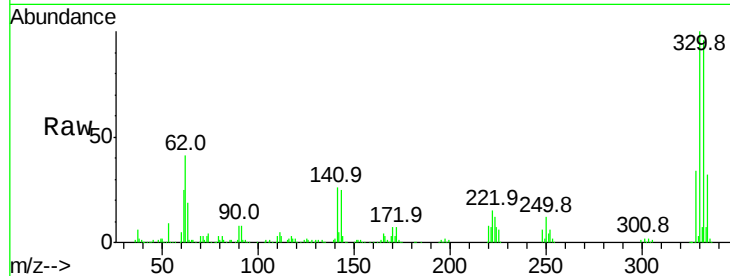
Tot Ion:198 Resp: 989

Ion Ratio Lower Upper

198 100

51 144.4 37.7 77.7#

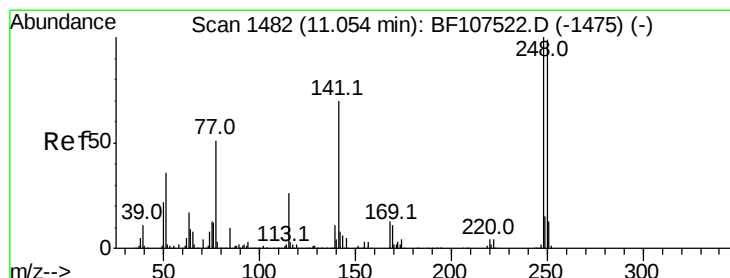
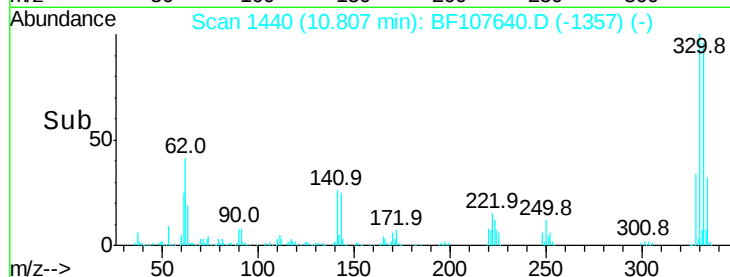
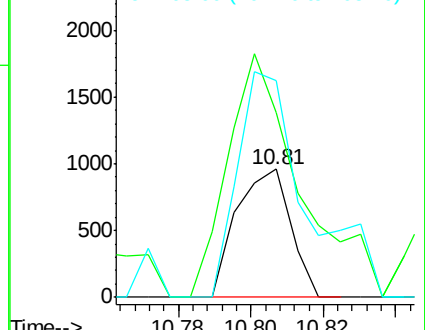
105 169.0 36.3 76.3#



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: 3.943 ng

RT: 10.81 min Scan# 1440

Delta R.T. -0.25 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

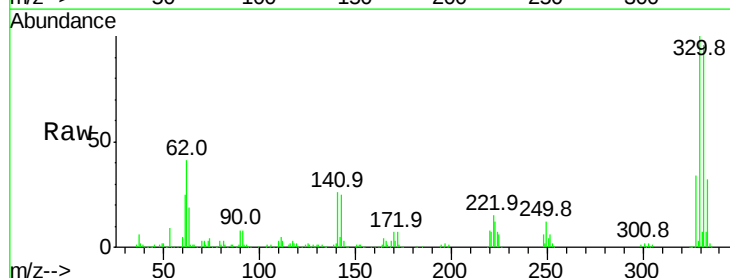
Tgt Ion:248 Resp: 32152

Ion Ratio Lower Upper

248 100

250 203.2 76.9 115.3#

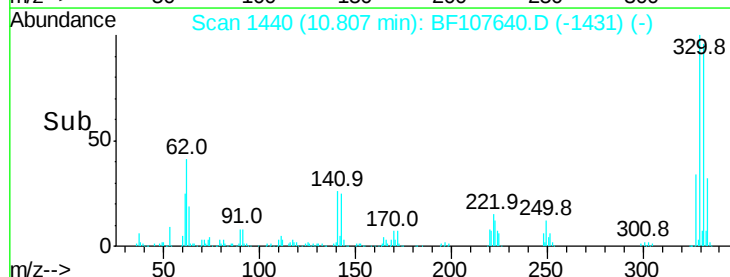
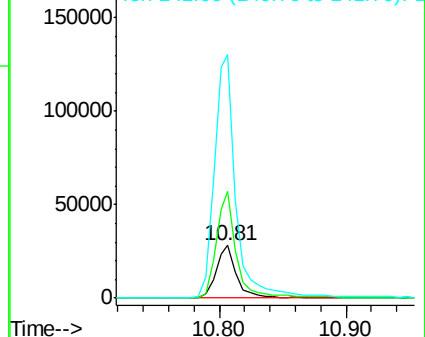
141 464.8 74.4 111.6#

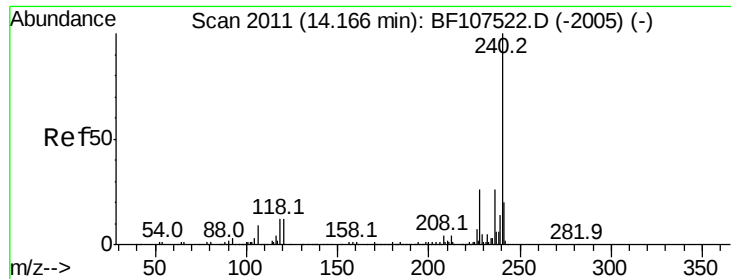


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.01 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

Instrument :

BNA_F

ClientSampleId :

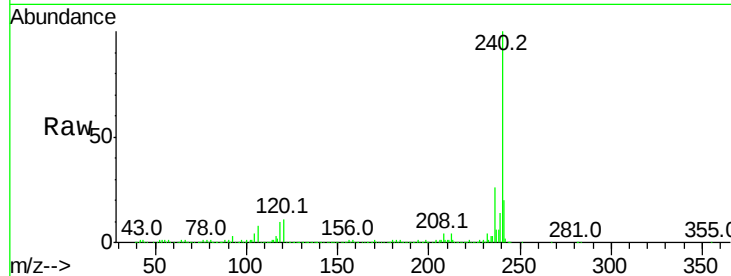
Tot Ion:240 Resp: 515912

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

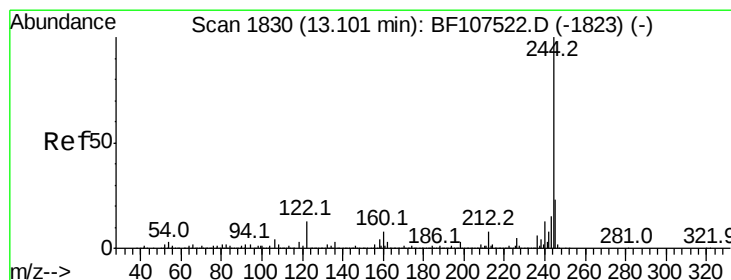
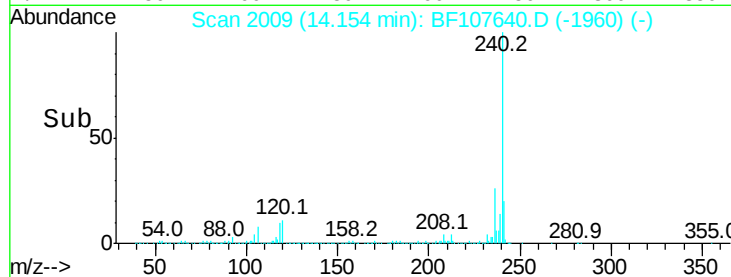
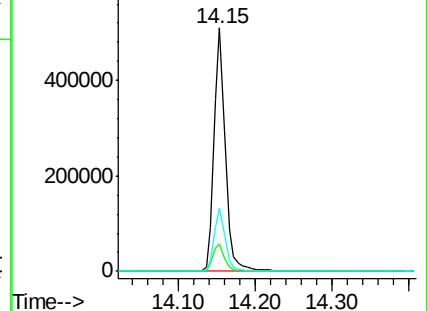
236 25.7 20.7 31.1



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: 94.347 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

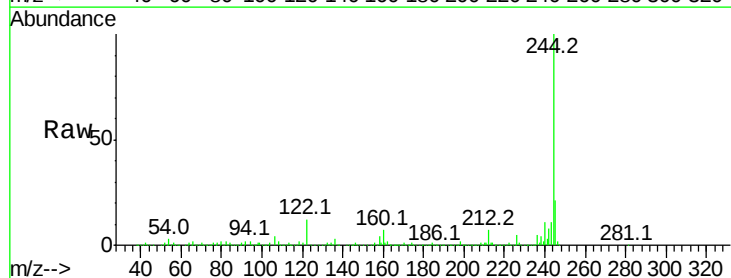
Tgt Ion:244 Resp: 1901295

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

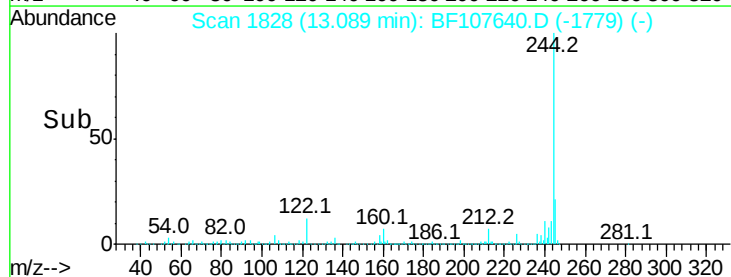
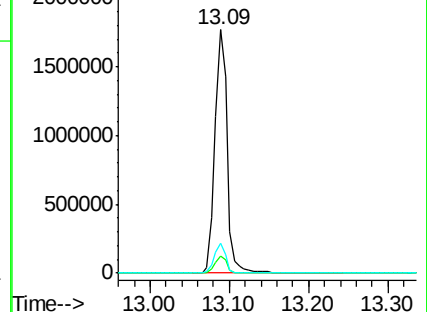
122 12.1 11.0 16.4

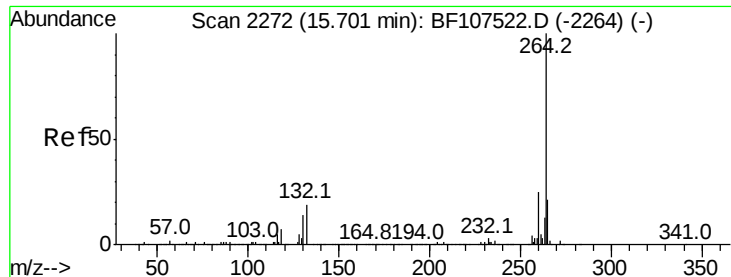


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.0	17.5	26.3

