

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107108.D
 Acq On : 4 Jul 2018 3:57
 Operator : JU/SJ
 Sample : J3816-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:25:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

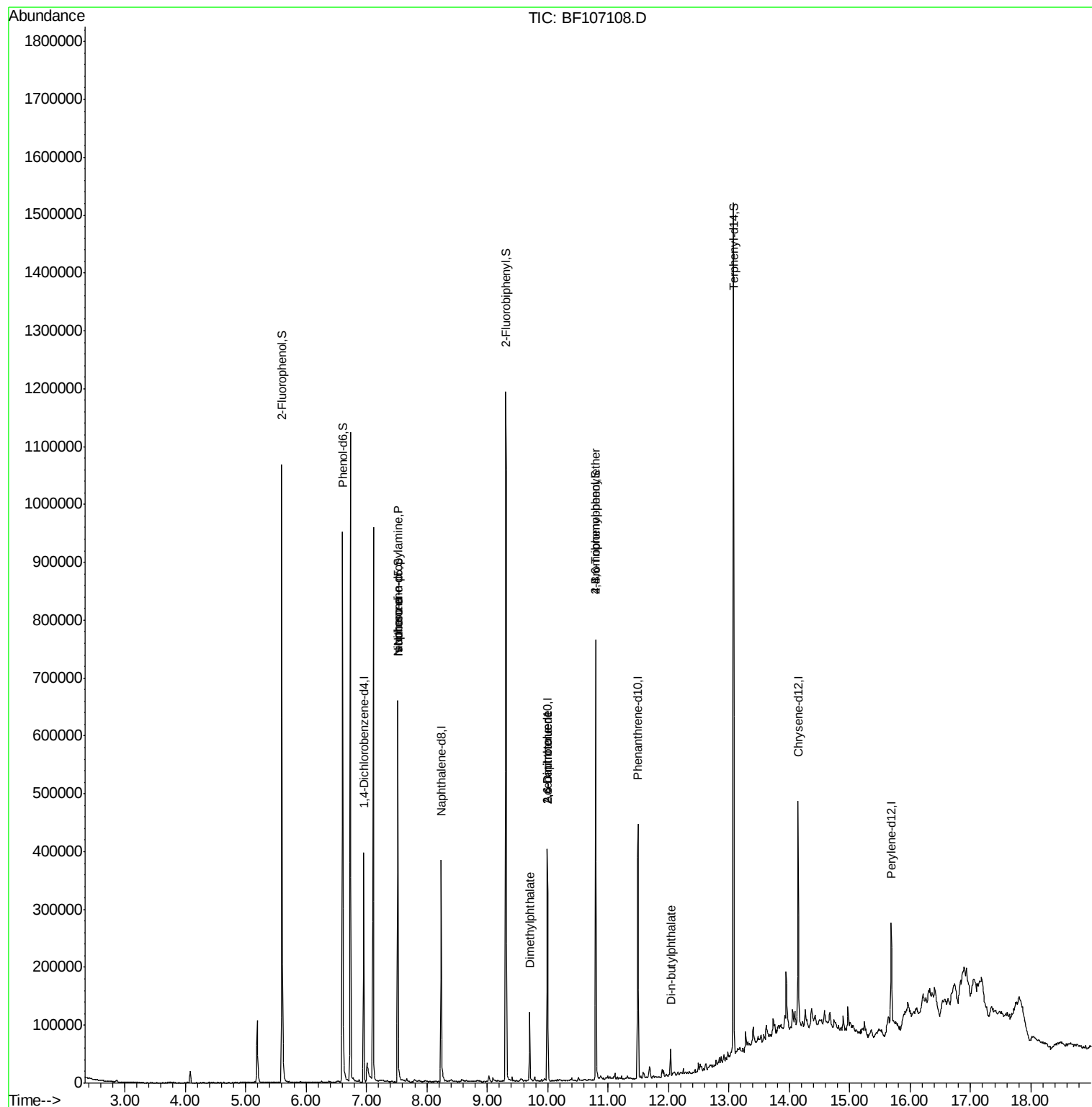
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	53398	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	184943	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	81863	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	171678	20.00	ng	0.00
75) Chrysene-d12	14.15	240	138053	20.00	ng	-0.02
86) Perylene-d12	15.69	264	97188	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	311228	98.69	ng	0.00
7) Phenol-d6	6.61	99	371641	94.37	ng	0.00
23) Nitrobenzene-d5	7.52	82	218423	65.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	106622	112.37	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	409544	84.61	ng	-0.02
78) Terphenyl-d14	13.08	244	525473	92.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	29039	11.187	ng	# 73
25) Isophorone	7.52	82	218421	37.246	ng	# 64
49) Dimethylphthalate	9.70	163	47682	7.766	ng	98
50) 2,6-Dinitrotoluene	10.00	165	10689	8.221	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	10689	6.299	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6247	3.049	ng	# 1
73) Di-n-butylphthalate	12.04	149	23353	2.505	ng	99

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

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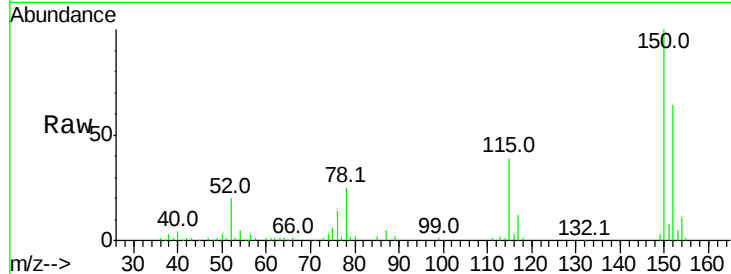


#1

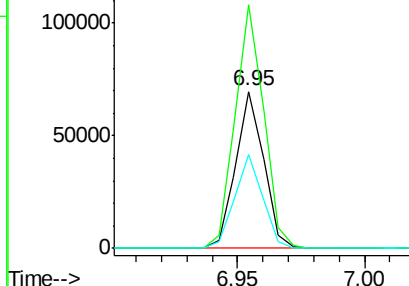
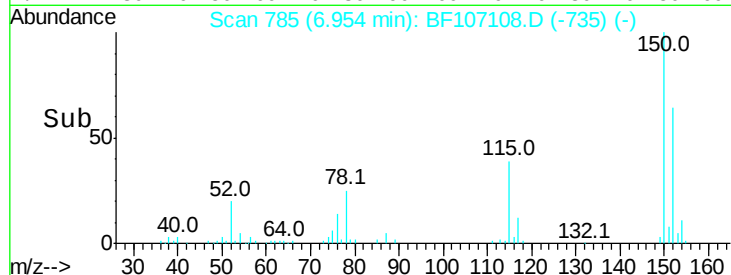
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	59.9	50.1	75.1



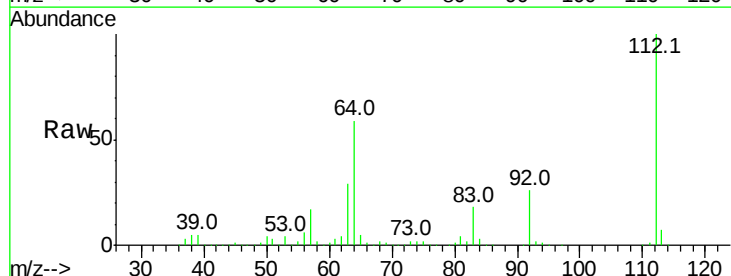
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



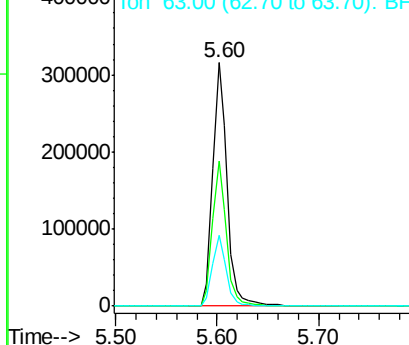
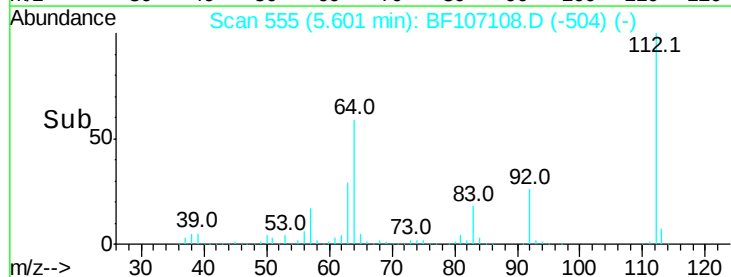
#5

2-Fluorophenol
Concen: 98.694 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	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: 94.372 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107108.D

Acq: 4 Jul 2018 3:57

Instrument :

BNA_F

ClientSampled :

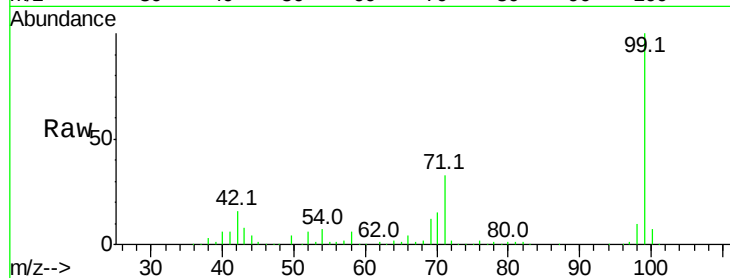
Tot Ion: 99 Resp: 371641

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

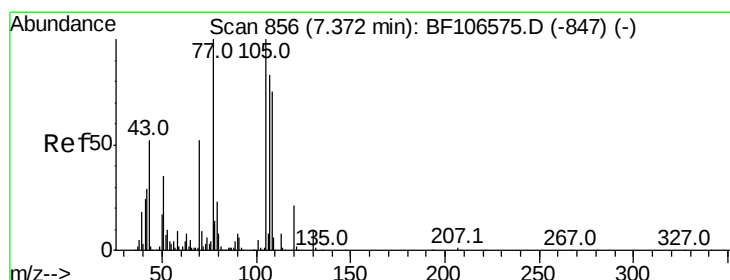
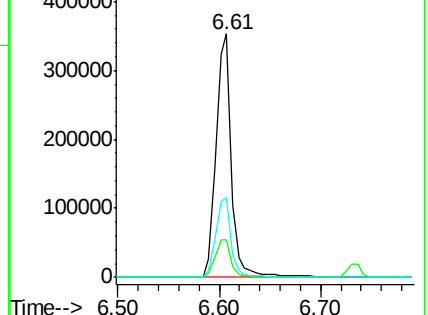
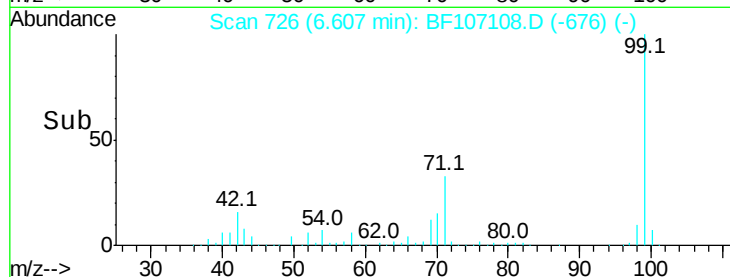
71 32.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.187 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107108.D

Acq: 4 Jul 2018 3:57

Tgt Ion: 70 Resp: 29039

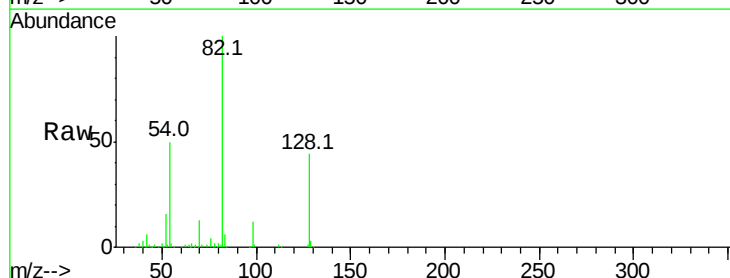
Ion Ratio Lower Upper

70 100

42 41.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

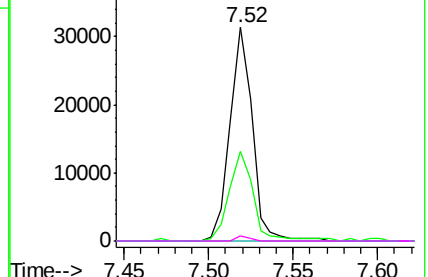
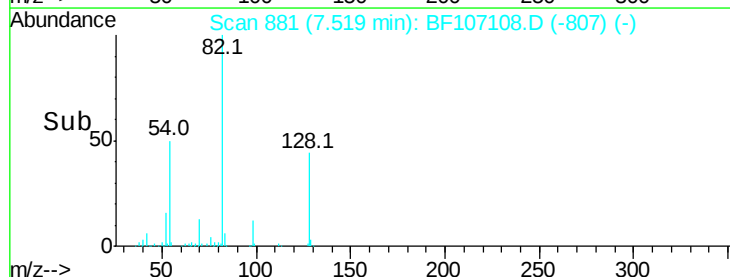


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

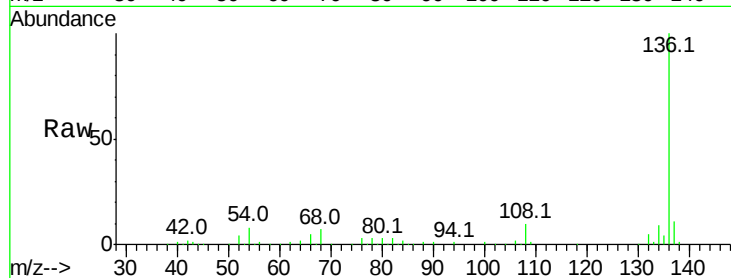




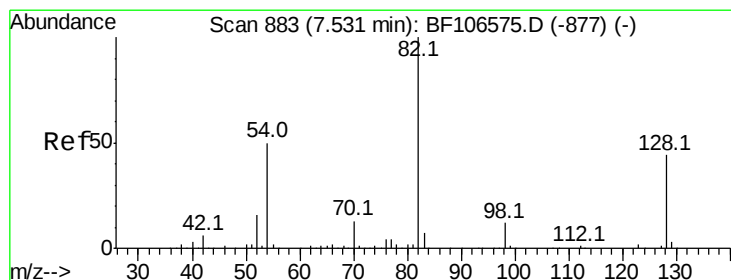
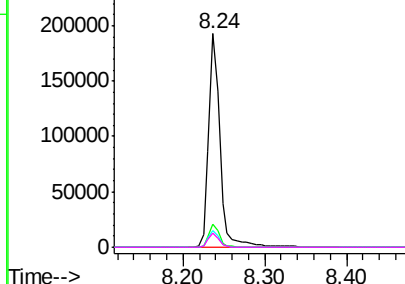
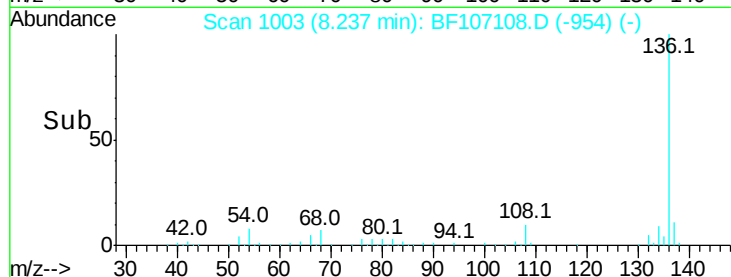
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	184943
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.1	6.6	9.8
68	6.7	5.0	7.4

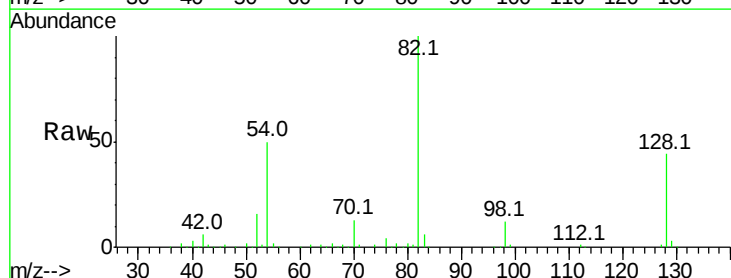


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

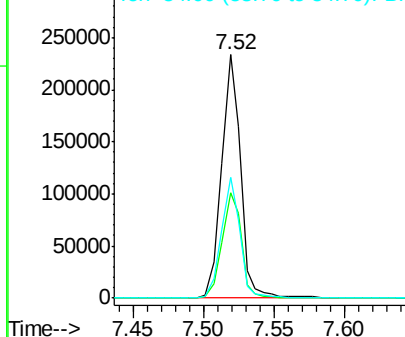
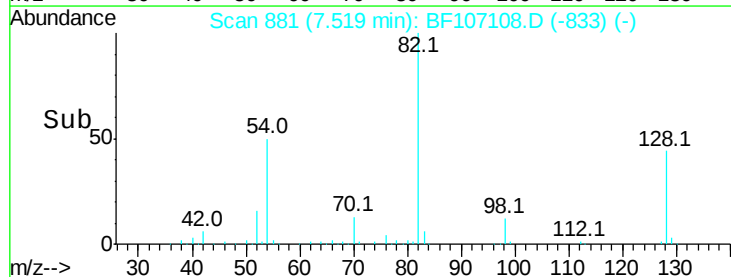


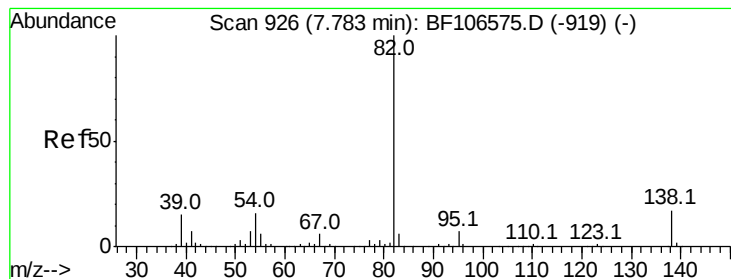
#23
Nitrobenzene-d5
Concen: 65.634 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Tgt Ion:	82	Resp:	218423
Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	49.6	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: 37.246 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107108.D

Acq: 4 Jul 2018 3:57

Instrument :

BNA_F

ClientSampleId :

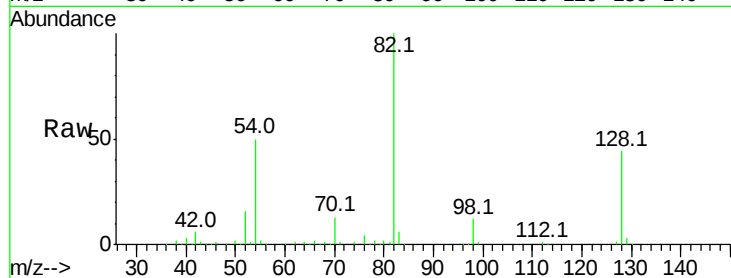
Tot Ion: 82 Resp: 218421

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

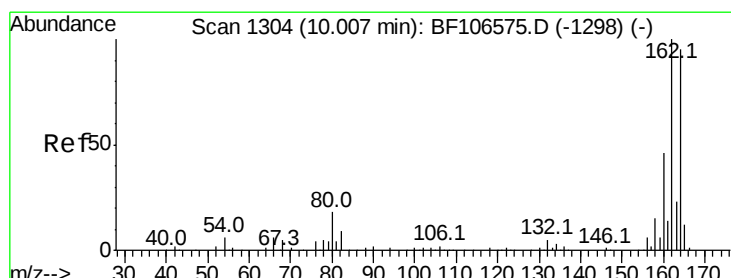
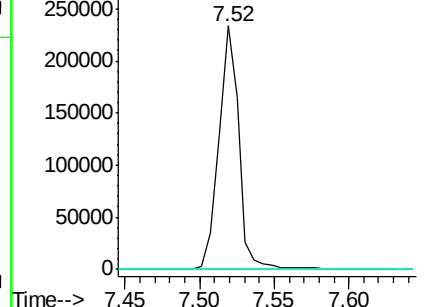
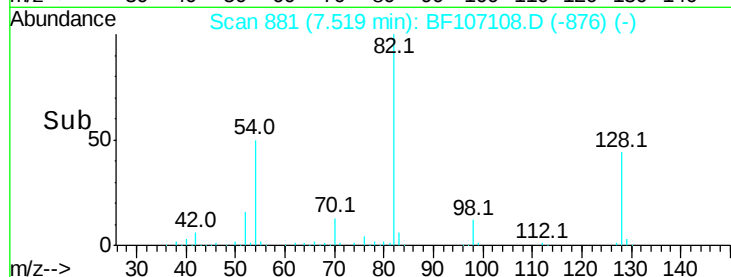
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF107108.D

Acq: 4 Jul 2018 3:57

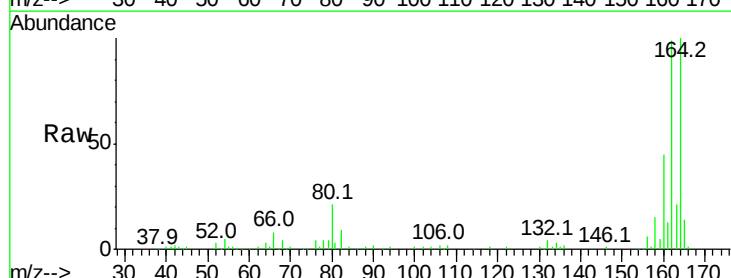
Tgt Ion:164 Resp: 81863

Ion Ratio Lower Upper

164 100

162 98.9 86.1 129.1

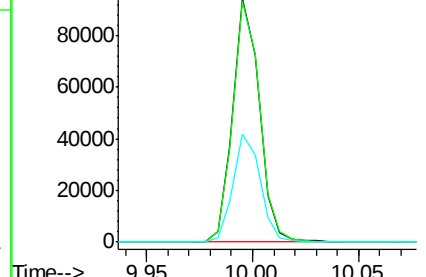
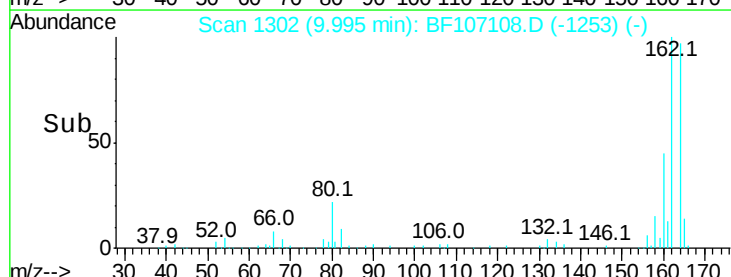
160 44.6 38.3 57.5

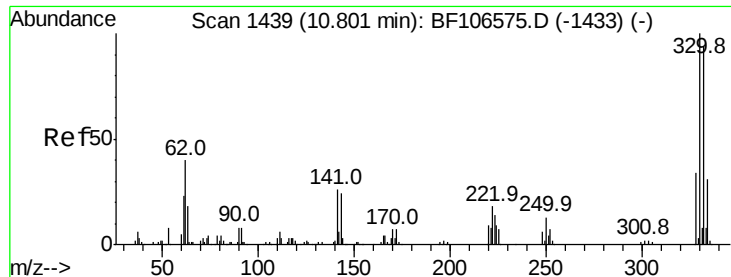


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

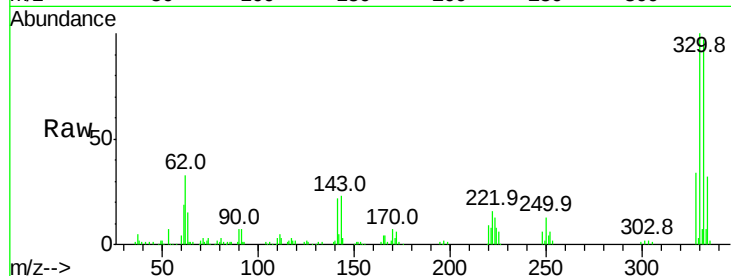




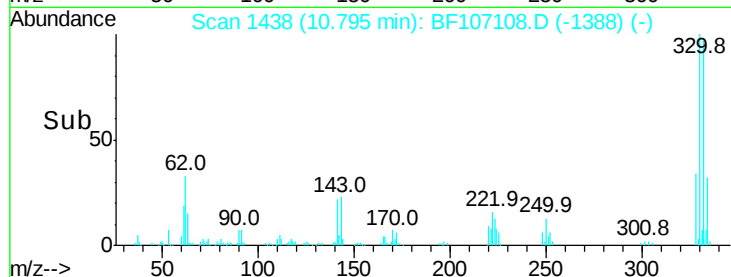
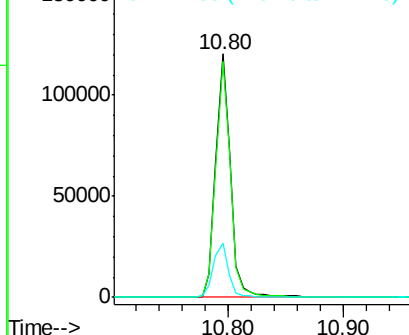
#41
 2,4,6-Tribromophenol
 Concen: 112.374 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107108.D
 Acq: 4 Jul 2018 3:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	23.0	29.9	44.9

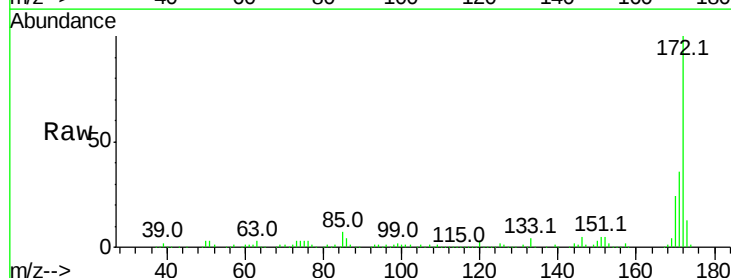


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

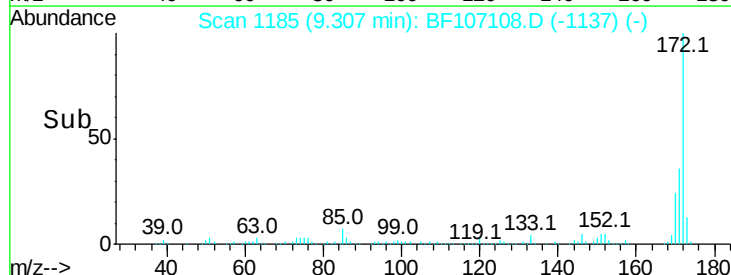
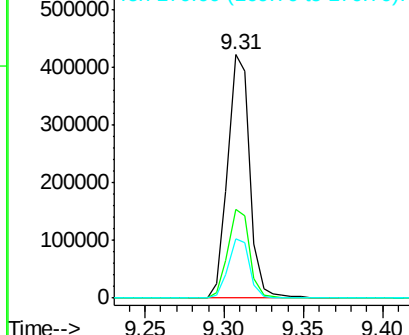


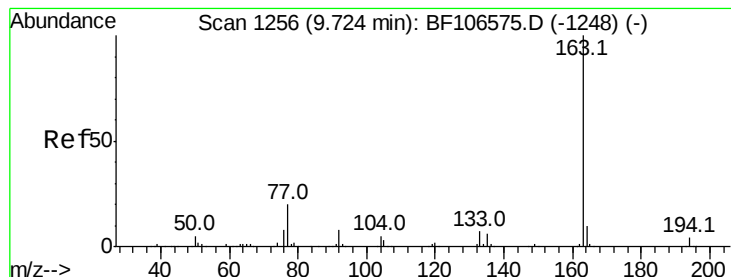
#44
 2-Fluorobiphenyl
 Concen: 84.611 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107108.D
 Acq: 4 Jul 2018 3:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	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: 7.766 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107108.D

Acq: 4 Jul 2018 3:57

Instrument :

BNA_F

ClientSampleId :

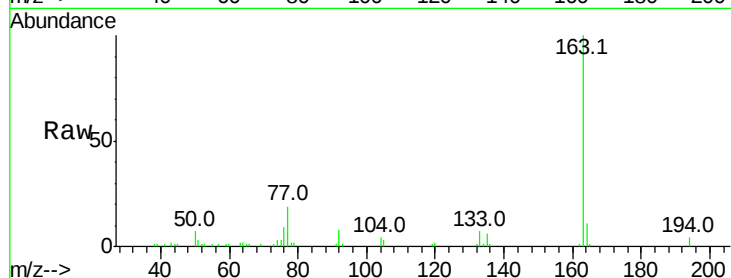
Tot Ion:163 Resp: 47682

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

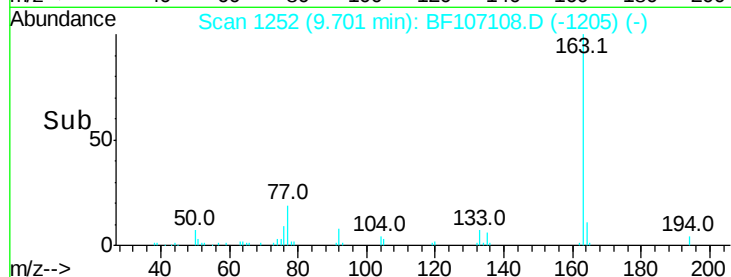
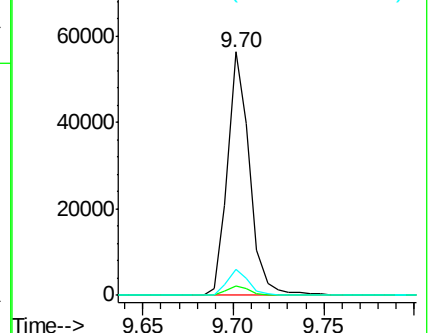
164 10.9 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.221 ng

RT: 10.00 min Scan# 1302

Delta R.T. 0.20 min

Lab File: BF107108.D

Acq: 4 Jul 2018 3:57

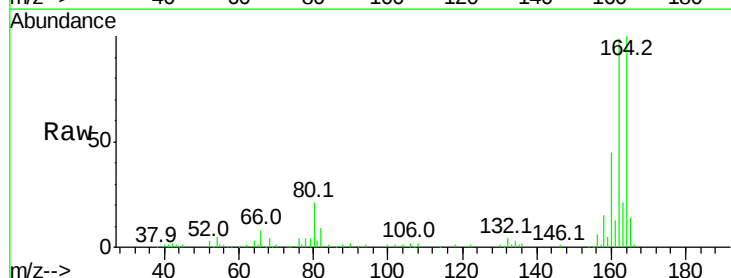
Tgt Ion:165 Resp: 10689

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

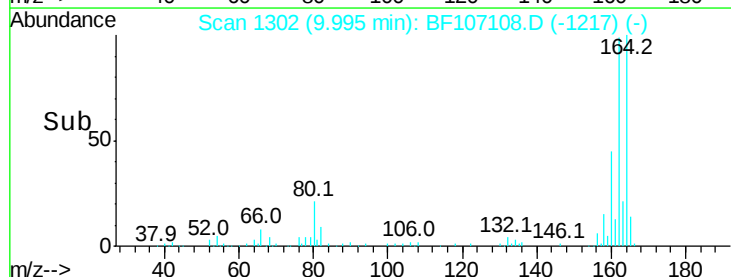
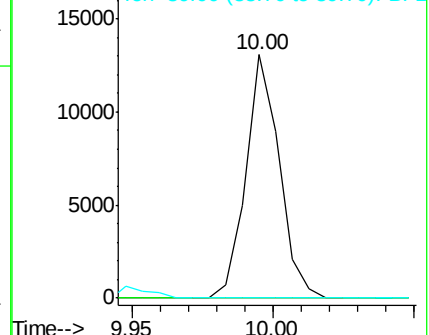
89 0.0 44.0 66.0#



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

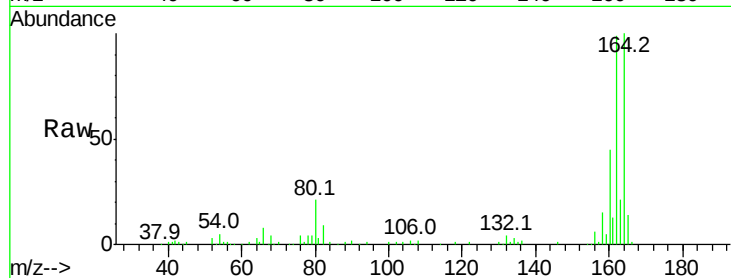




#56
2,4-Dinitrotoluene
Concen: 6.299 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampleId :

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

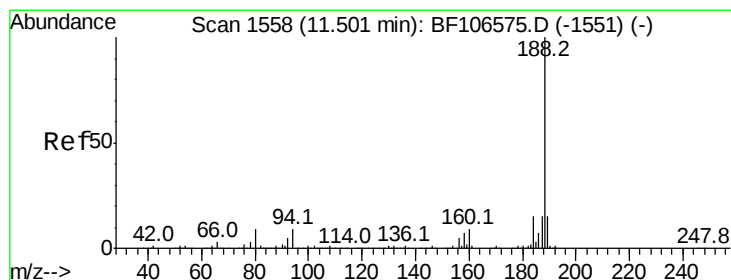
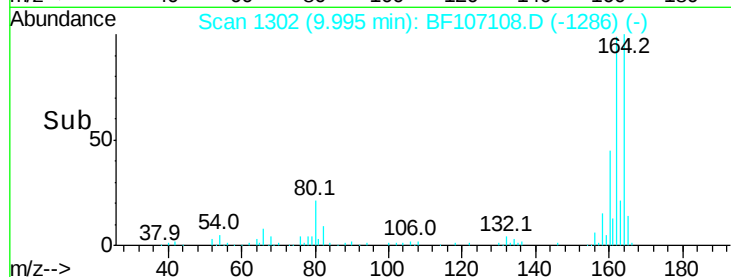
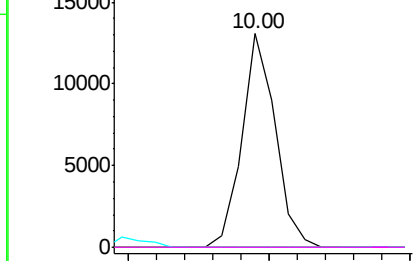


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

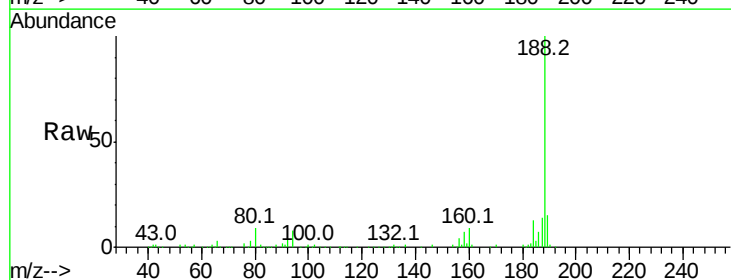
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

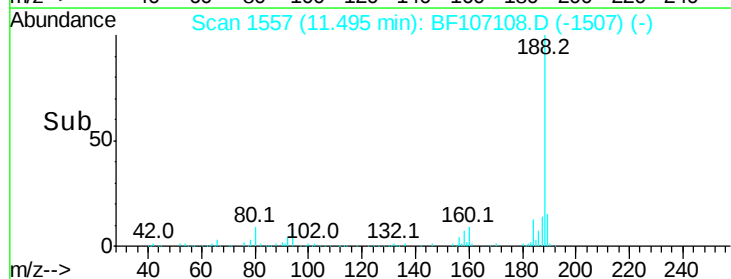
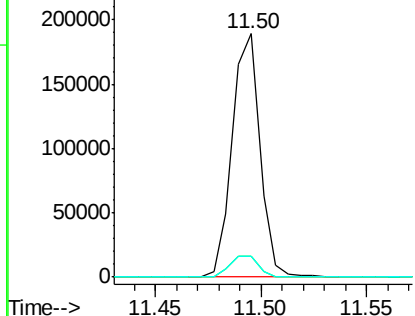
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	8.6	9.2	13.8#



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

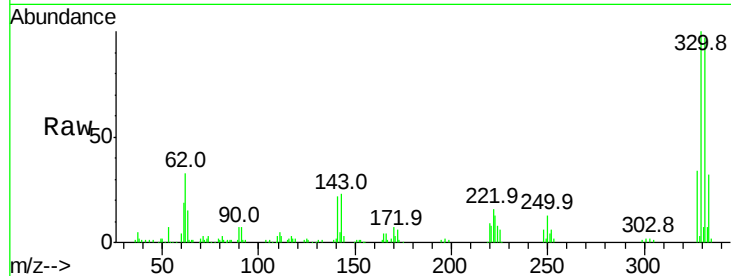




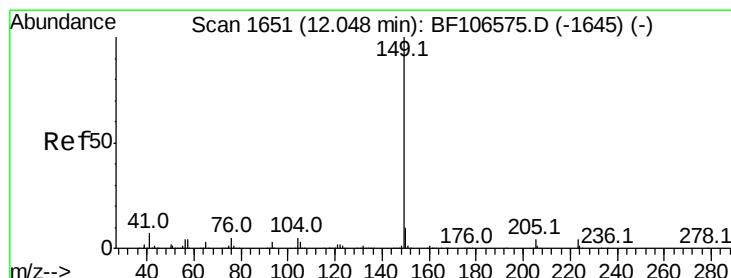
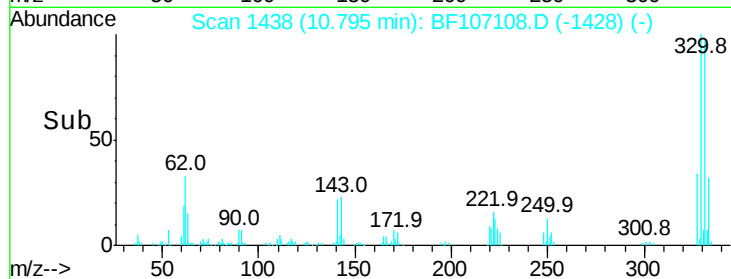
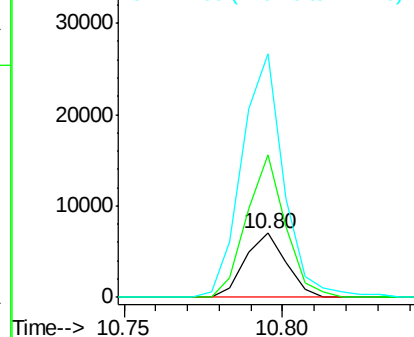
#66
4-Bromophenyl-phenylether
Concen: 3.049 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6247
Ion Ratio Lower Upper
248 100
250 224.2 76.9 115.3#
141 381.6 74.4 111.6#

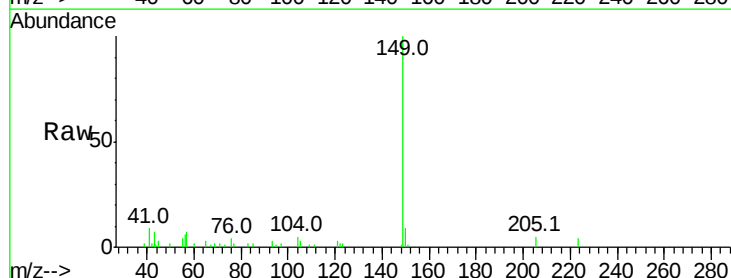


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

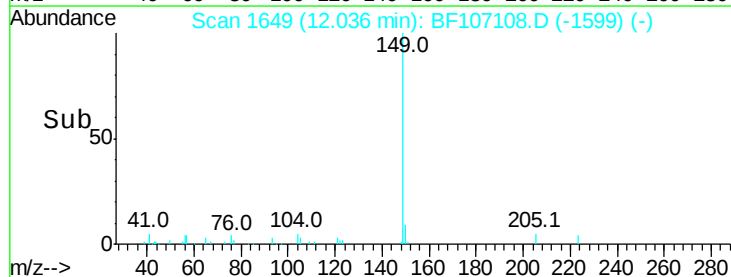
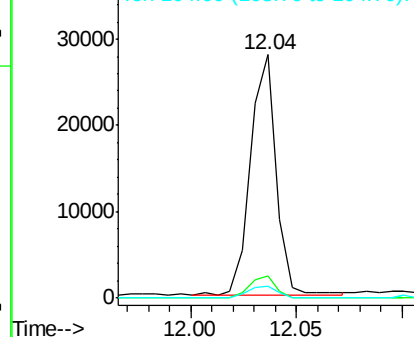


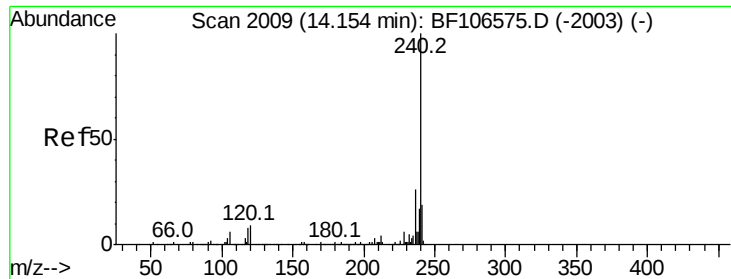
#73
Di-n-butylphthalate
Concen: 2.505 ng
RT: 12.04 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Tgt Ion:149 Resp: 23353
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 5.0 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: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107108.D

Acq: 4 Jul 2018 3:57

Instrument :

BNA_F

ClientSampleId :

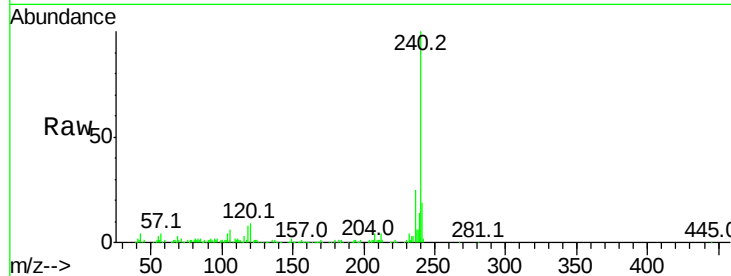
Tot Ion:240 Resp: 138053

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

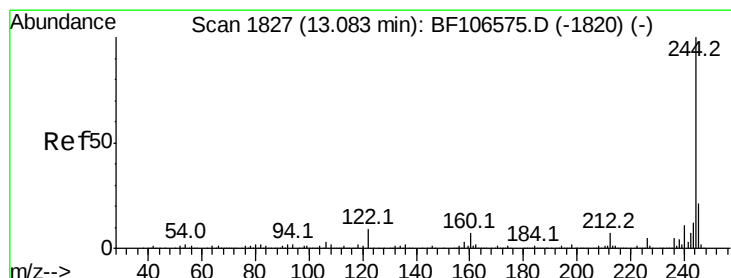
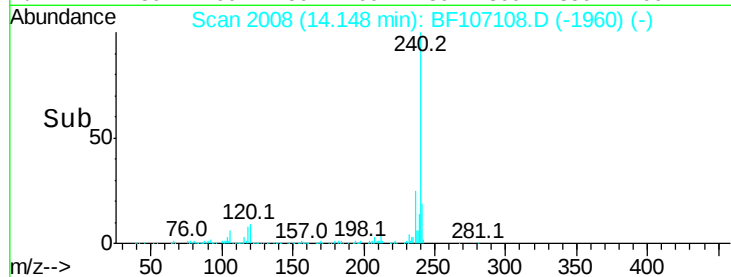
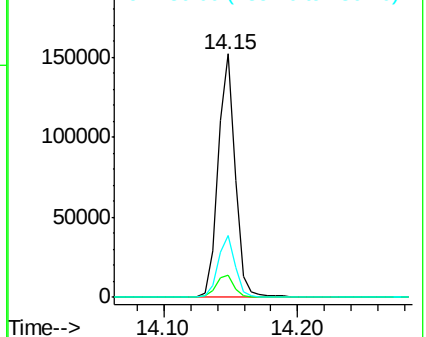
236 25.2 20.7 31.1



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: 92.200 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107108.D

Acq: 4 Jul 2018 3:57

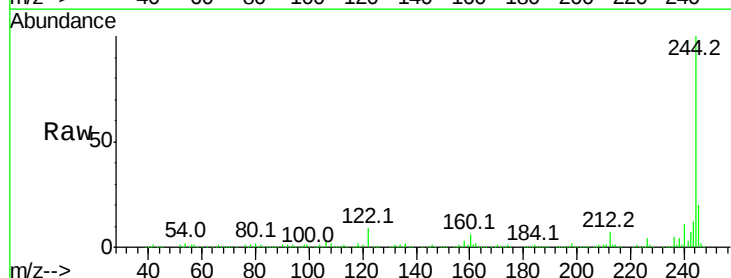
Tgt Ion:244 Resp: 525473

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

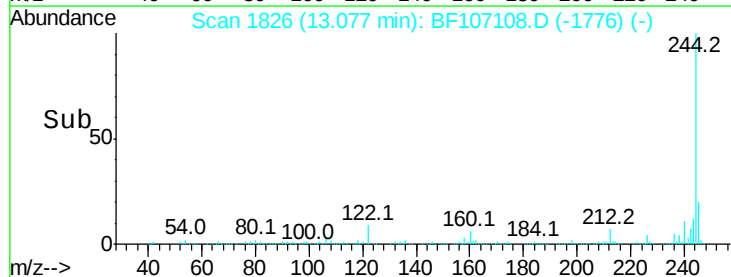
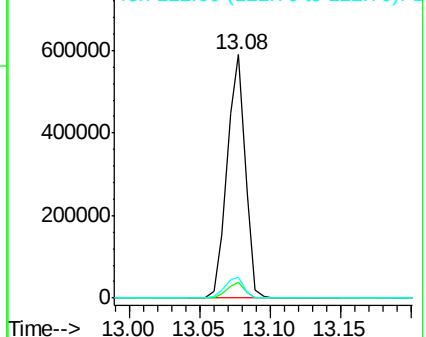
122 8.7 11.0 16.4#

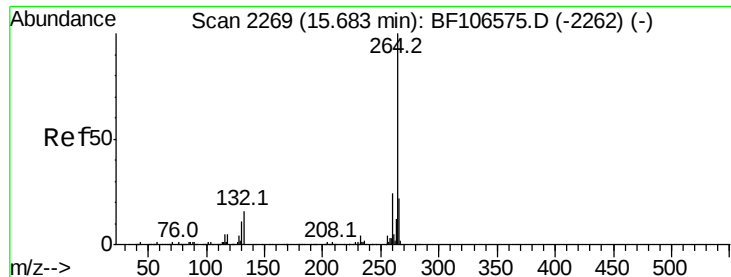


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

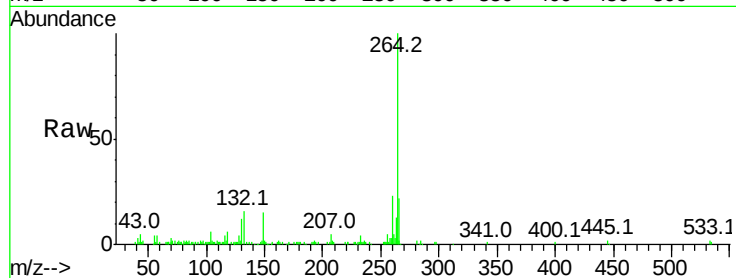




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

