

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107112.D
 Acq On : 4 Jul 2018 5:45
 Operator : JU/SJ
 Sample : J3804-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 06:39:45 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

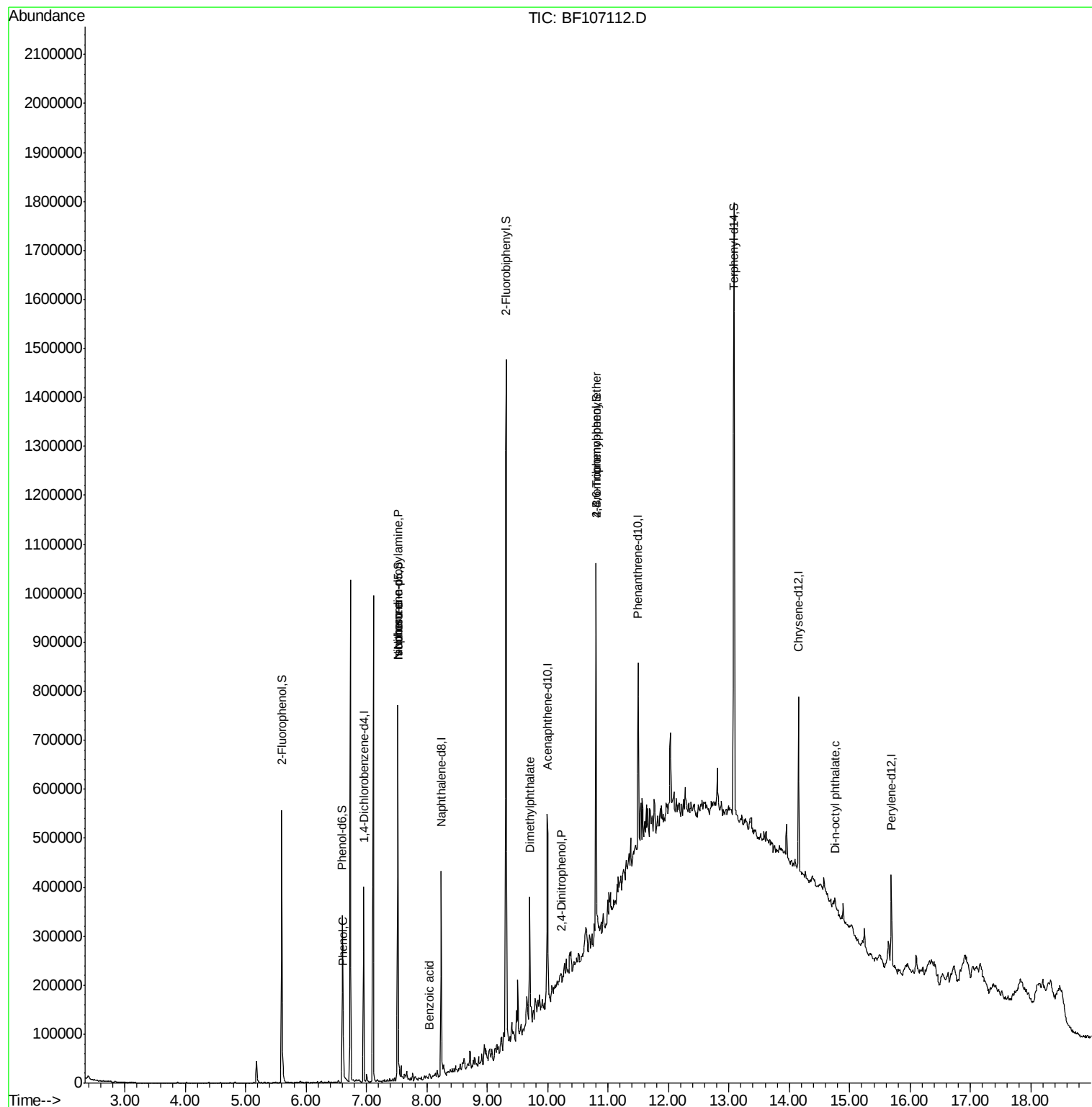
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	54276	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	193640	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	86595	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	156170	20.00	ng	0.00
75) Chrysene-d12	14.15	240	127833	20.00	ng	-0.01
86) Perylene-d12	15.69	264	103369	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	169098	52.76	ng	0.00
7) Phenol-d6	6.60	99	124688	31.15	ng	-0.01
23) Nitrobenzene-d5	7.52	82	271326	77.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	129208	128.74	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	478688	95.37	ng	-0.01
78) Terphenyl-d14	13.08	244	554094	104.99	ng	0.00
Target Compounds						
10) Phenol	6.62	94	20821	4.558	ng	98
19) n-Nitroso-di-n-propylamine	7.52	70	35496	13.453	ng	# 74
25) Isophorone	7.52	82	271324	44.190	ng	# 64
32) Benzoic acid	8.04	122	117	5.786	ng	# 36
49) Dimethylphthalate	9.70	163	92678	14.270	ng	98
53) 2,4-Dinitrophenol	10.24	184	318	5.768	ng	# 74
66) 4-Bromophenyl-phenylether	10.80	248	7658	4.109	ng	# 1
84) Di-n-octyl phthalate	14.75	149	15987	2.213	ng	# 75

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

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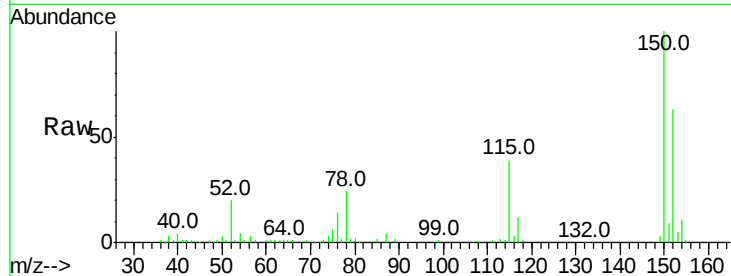


#1

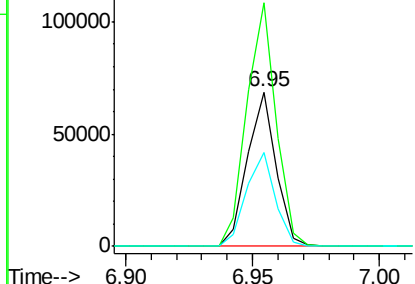
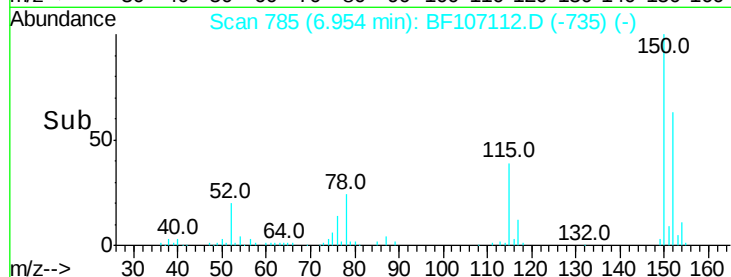
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107112.D
 Acq: 4 Jul 2018 5:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 54276
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 186.8
 115 60.8 50.1 75.1



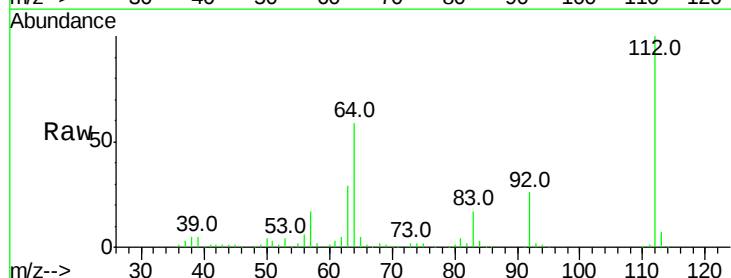
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



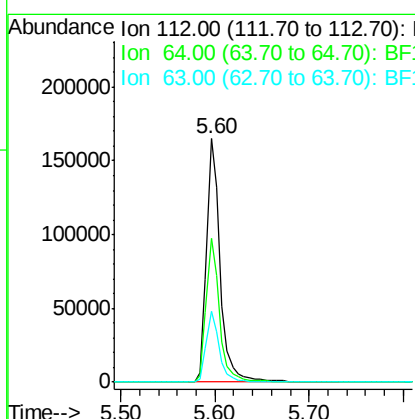
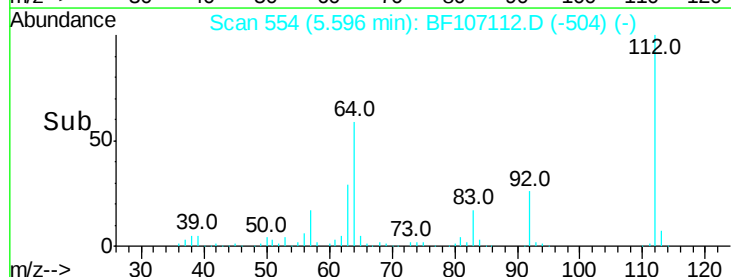
#5

2-Fluorophenol
 Concen: 52.756 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107112.D
 Acq: 4 Jul 2018 5:45

Tgt Ion:112 Resp: 169098
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.9 71.9
 63 29.1 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: 31.150 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

Instrument :

BNA_F

ClientSampleId :

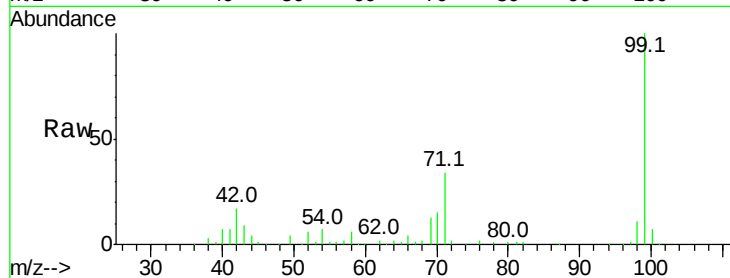
Tot Ion: 99 Resp: 124688

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

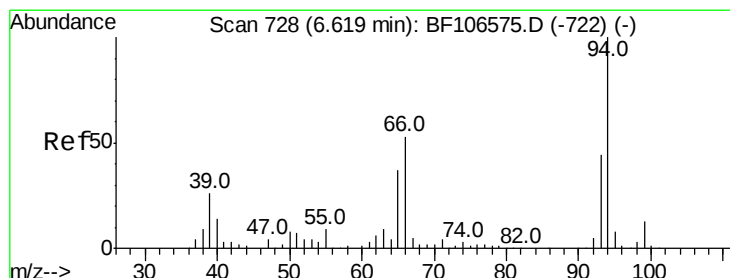
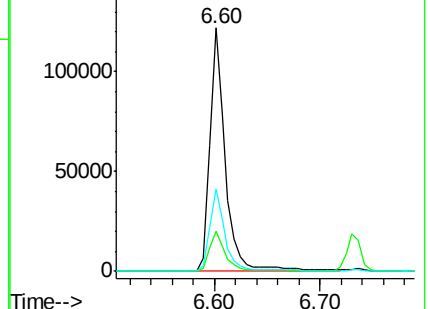
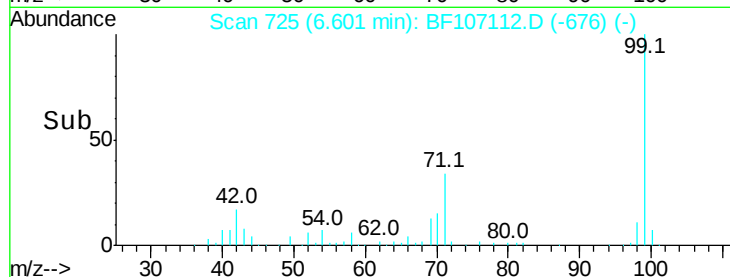
71 33.6 25.4 38.0



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



#10

Phenol

Concen: 4.558 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

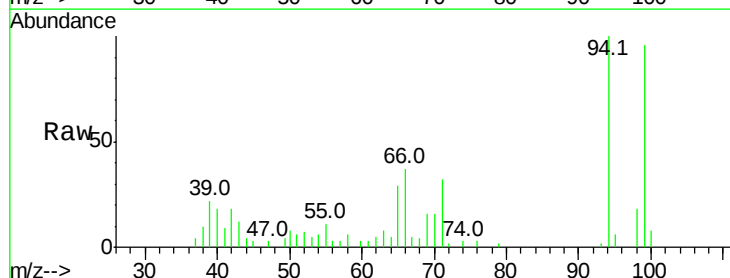
Tgt Ion: 94 Resp: 20821

Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

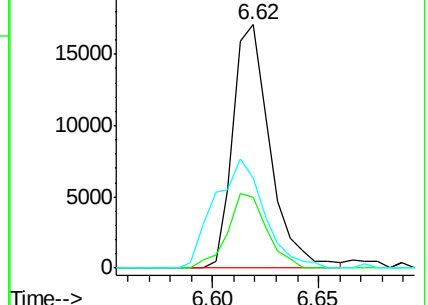
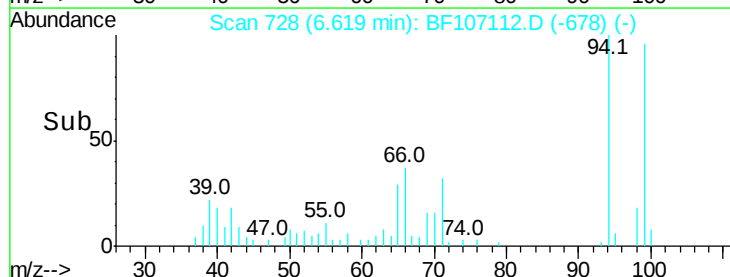
66 37.2 16.2 56.2

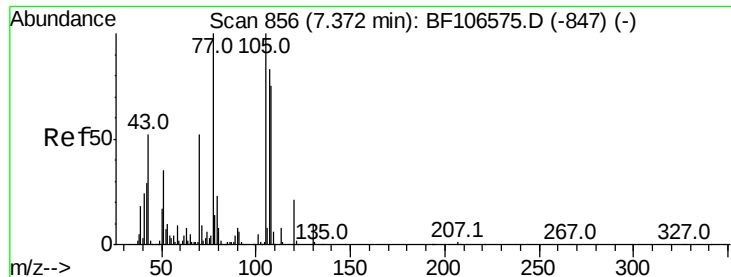


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

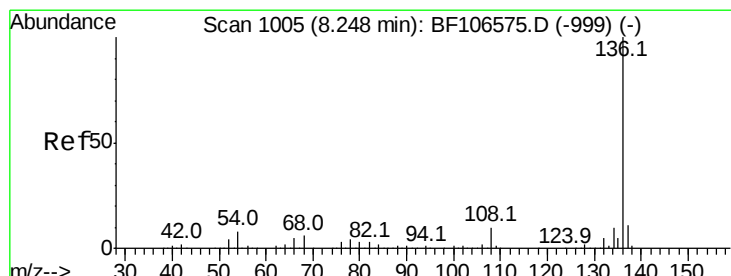
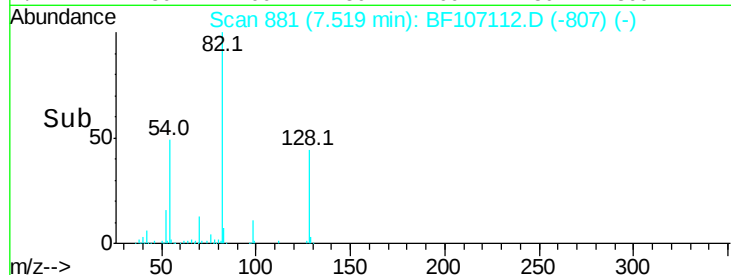
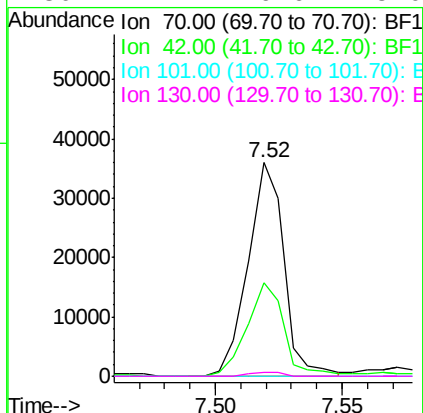
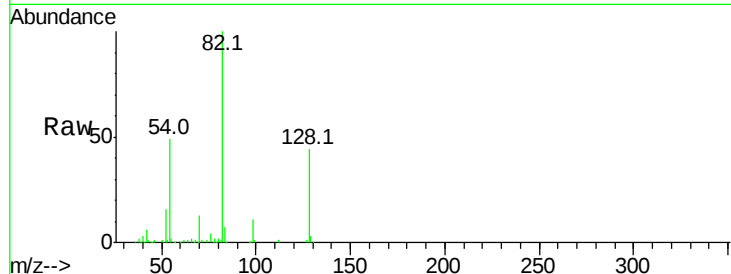




#19
n-Nitroso-di-n-propylamine
Concen: 13.453 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

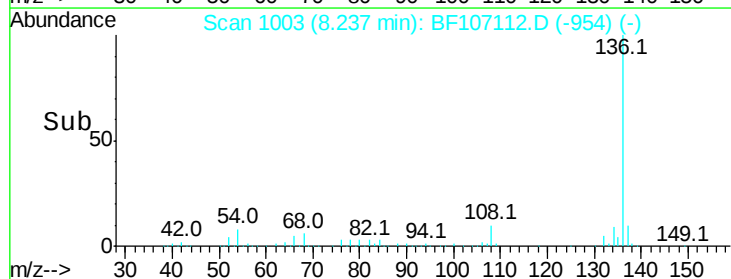
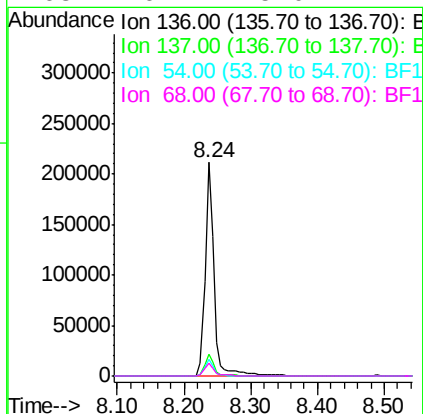
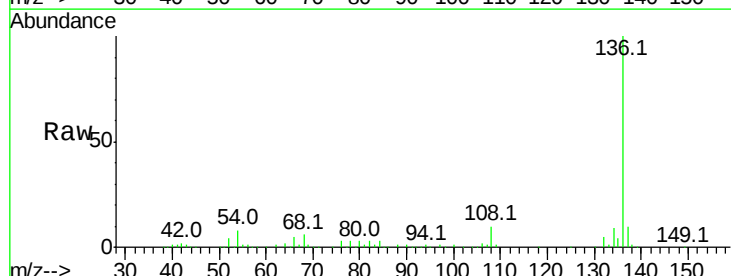
Instrument :
BNA_F
ClientSampled :

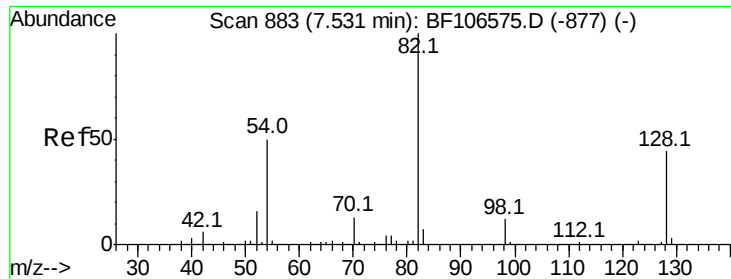
Tot Ion: 70 Resp: 35496
Ion Ratio Lower Upper
70 100
42 43.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Tgt Ion: 136 Resp: 193640
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 7.9 6.6 9.8
68 6.2 5.0 7.4

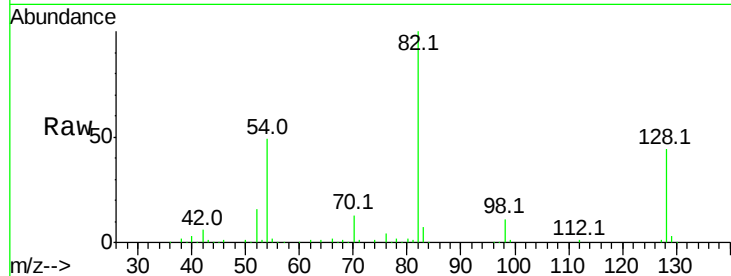




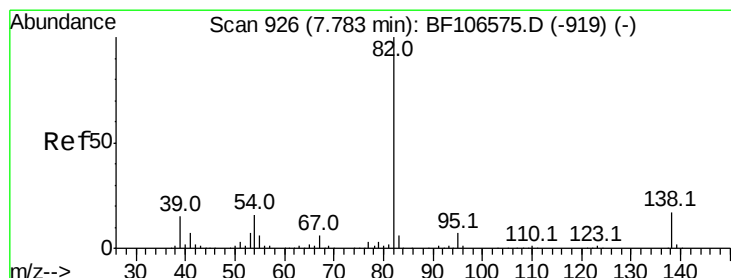
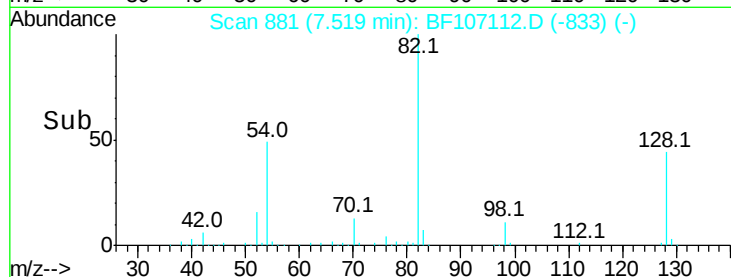
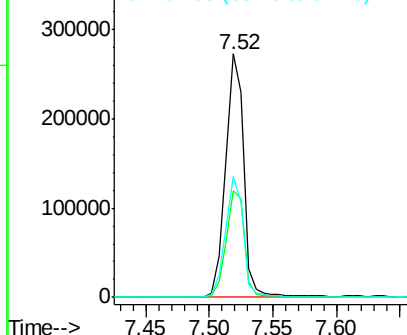
#23
Nitrobenzene-d5
Concen: 77.869 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 271326
Ion Ratio Lower Upper
82 100
128 44.0 36.1 54.1
54 49.4 41.4 62.2

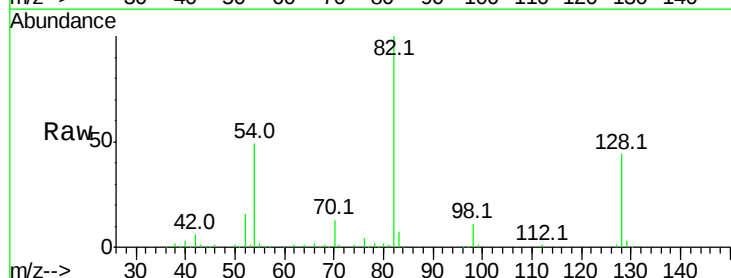


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

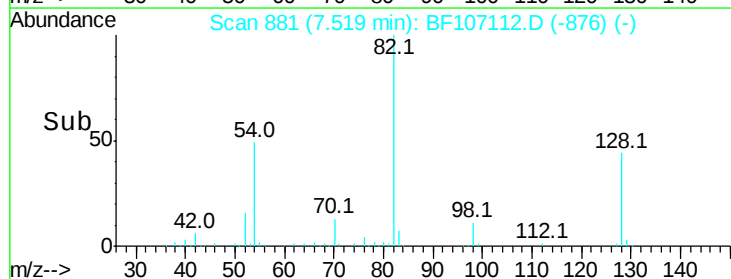
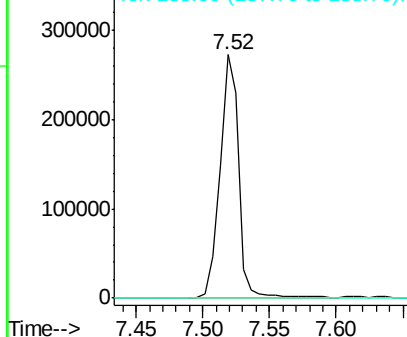


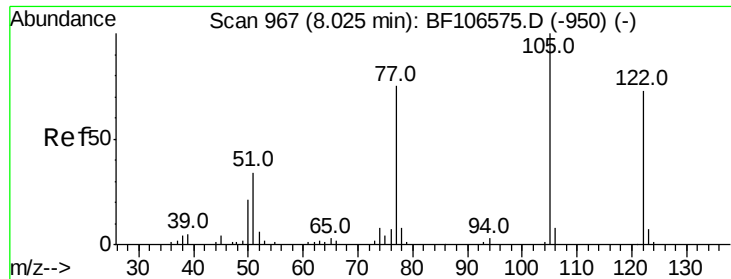
#25
Isophorone
Concen: 44.190 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Tgt Ion: 82 Resp: 271324
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

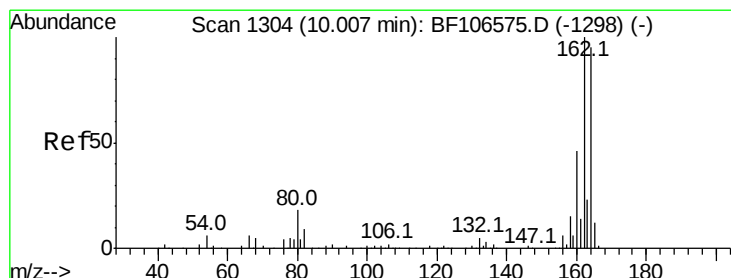
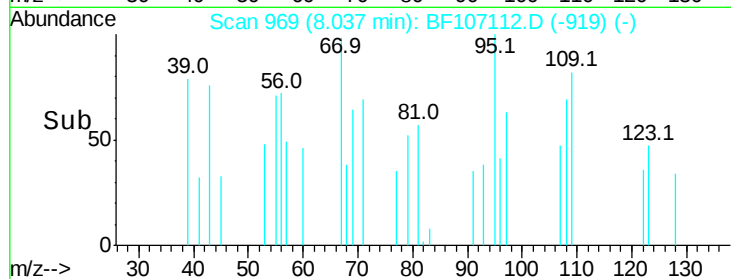
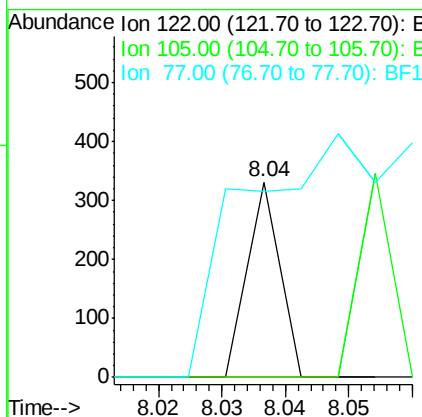
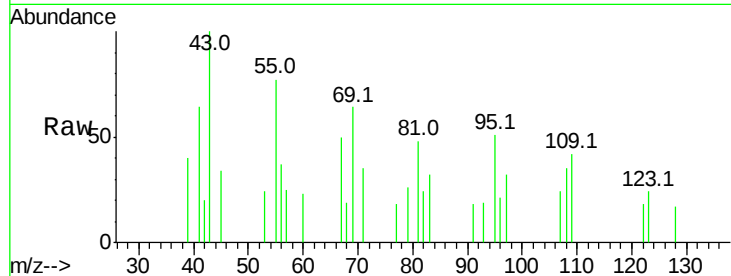




#32
Benzoic acid
Concen: 5.786 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

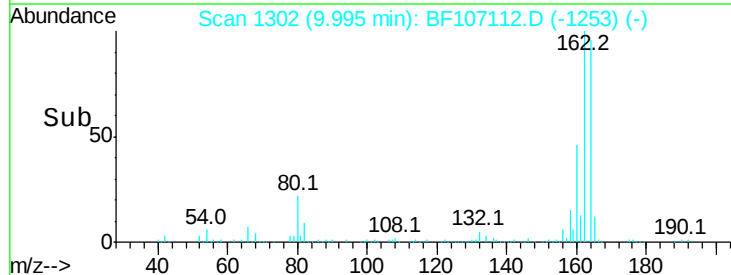
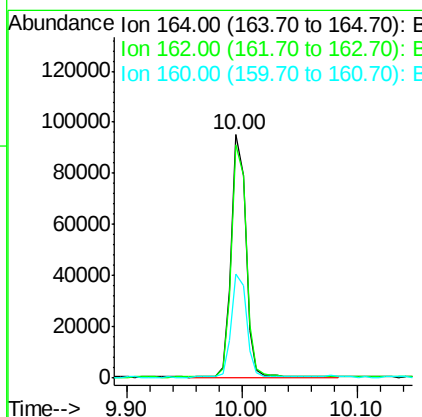
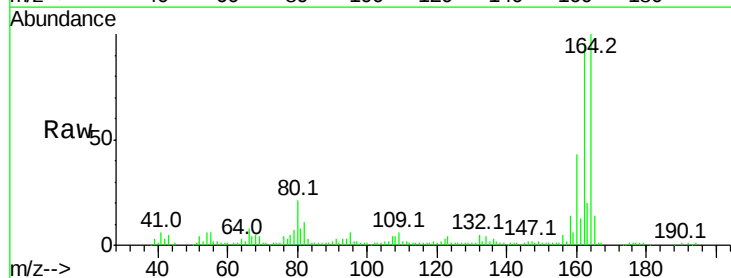
Instrument :
BNA_F
ClientSampled :

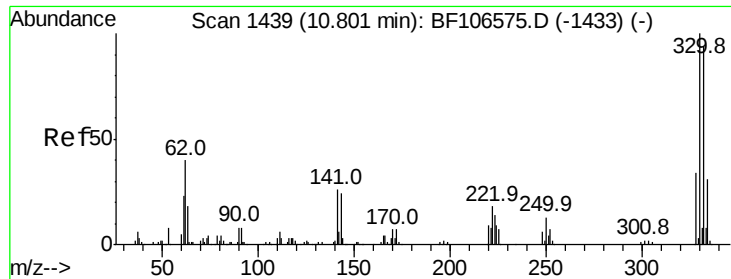
Tot Ion:122 Resp: 117
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 95.5 70.7 110.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Tgt Ion:164 Resp: 86595
Ion Ratio Lower Upper
164 100
162 96.1 86.1 129.1
160 42.7 38.3 57.5

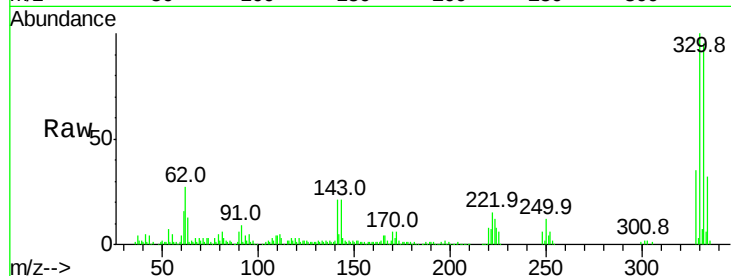




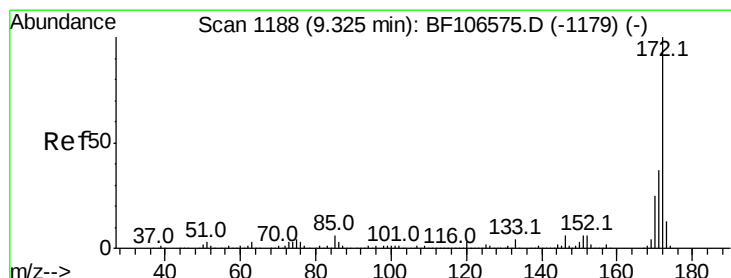
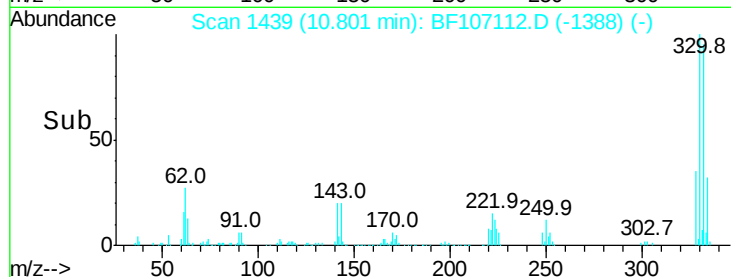
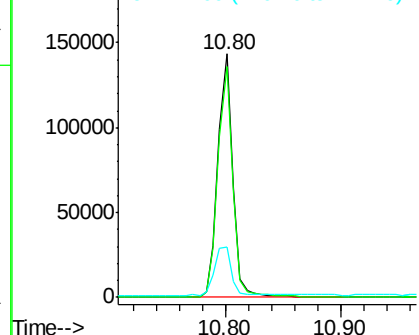
#41
 2,4,6-Tribromophenol
 Concen: 128.737 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107112.D
 Acq: 4 Jul 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	22.9	29.9	44.9#

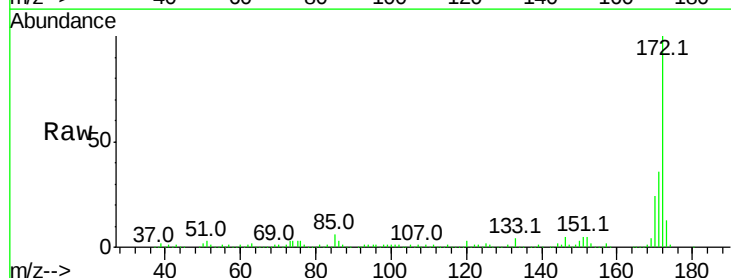


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

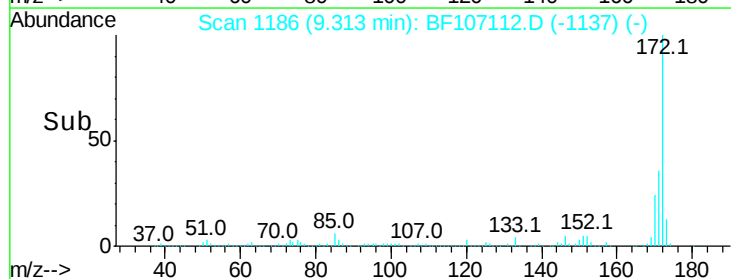
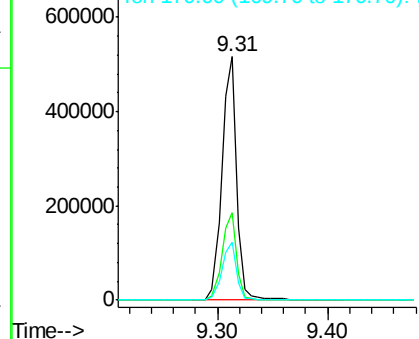


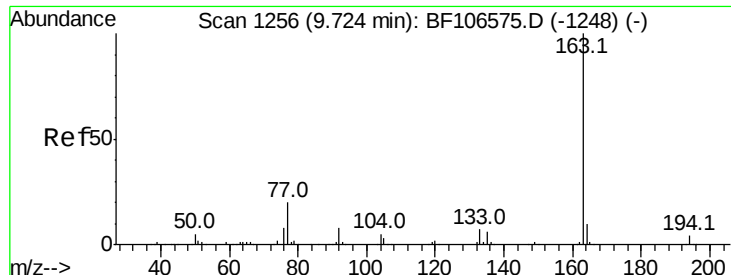
#44
 2-Fluorobiphenyl
 Concen: 95.365 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107112.D
 Acq: 4 Jul 2018 5:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.9	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

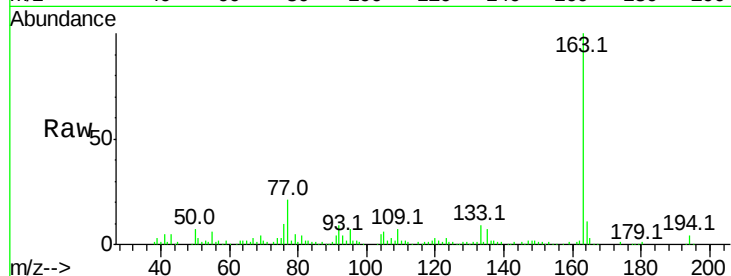




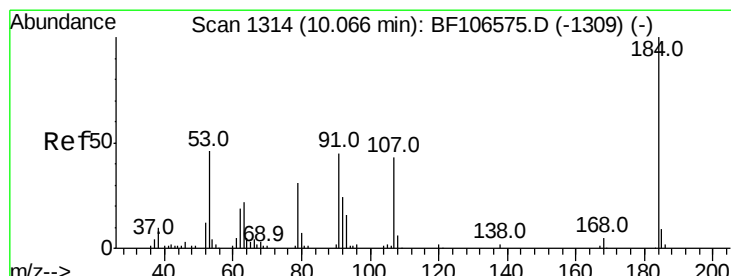
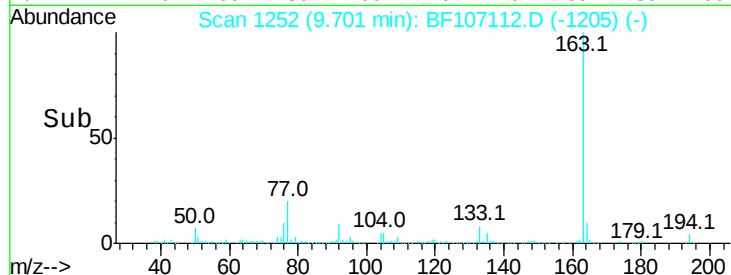
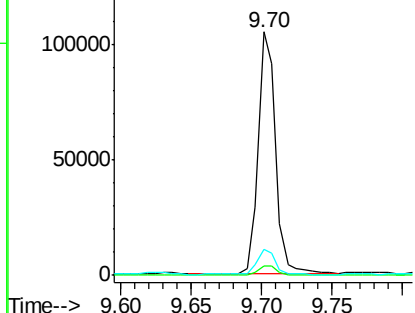
#49
Dimethylphthalate
Concen: 14.270 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 92678
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.9 8.2 12.2

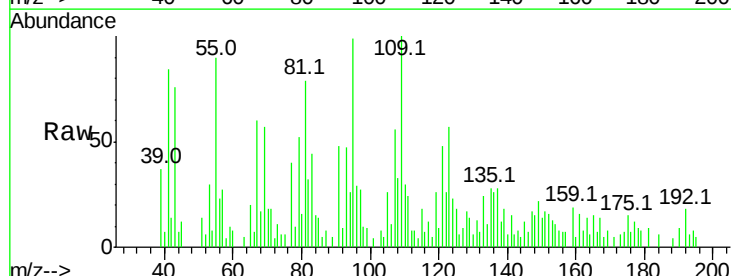


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

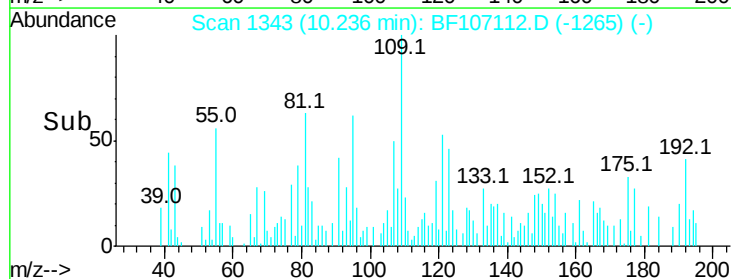
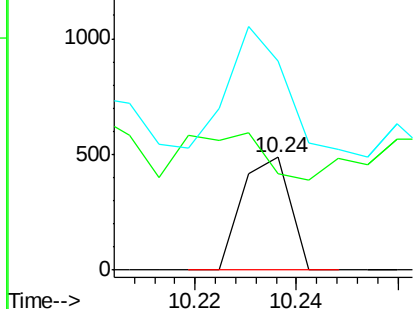


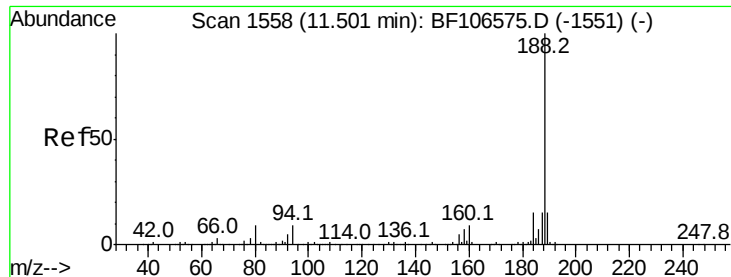
#53
2,4-Dinitrophenol
Concen: 5.768 ng
RT: 10.24 min Scan# 1343
Delta R.T. 0.16 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Tgt Ion:184 Resp: 318
Ion Ratio Lower Upper
184 100
63 85.8 54.2 81.2#
154 186.0 184.0 276.0



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

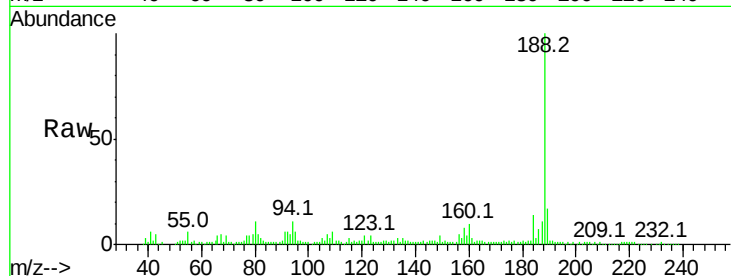




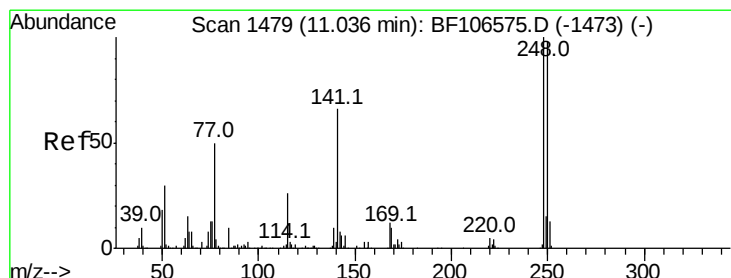
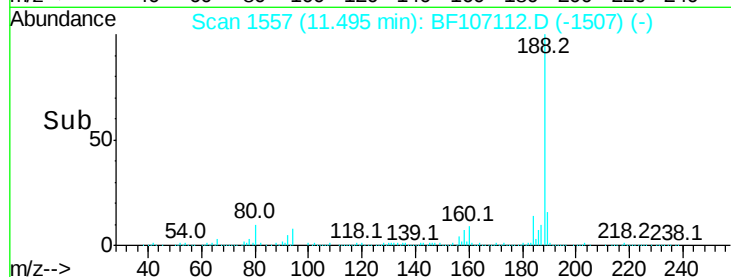
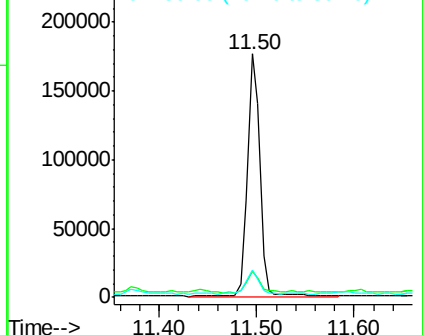
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 156170
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.0 9.2 13.8

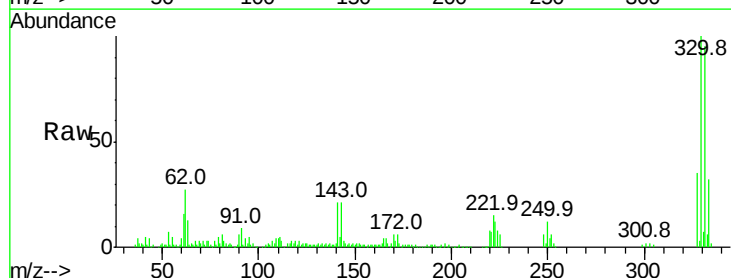


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

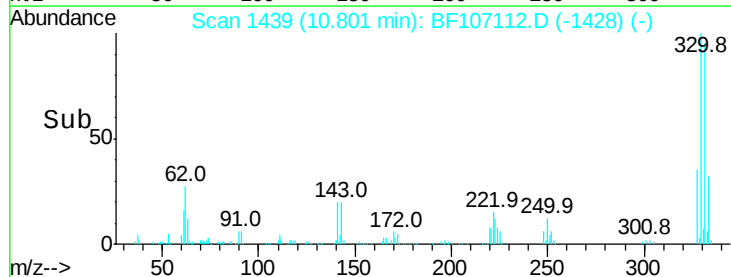
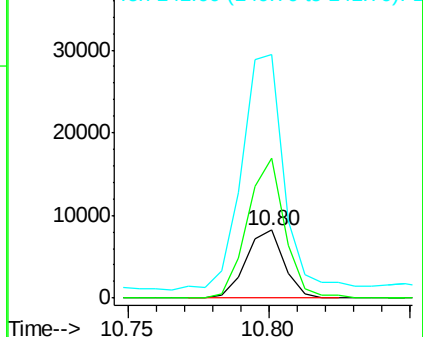


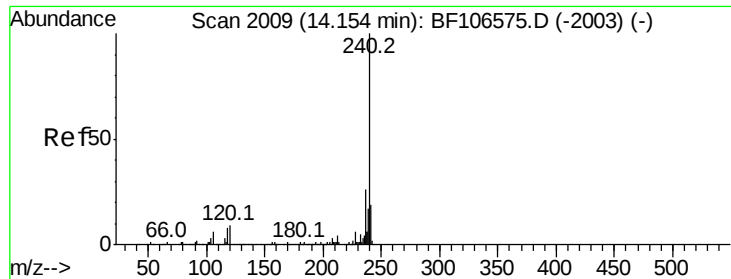
#66
4-Bromophenyl-phenylether
Concen: 4.109 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Tgt Ion:248 Resp: 7658
Ion Ratio Lower Upper
248 100
250 206.4 76.9 115.3#
141 358.7 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# 2009

Delta R.T. -0.01 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

Instrument :

BNA_F

ClientSampleId :

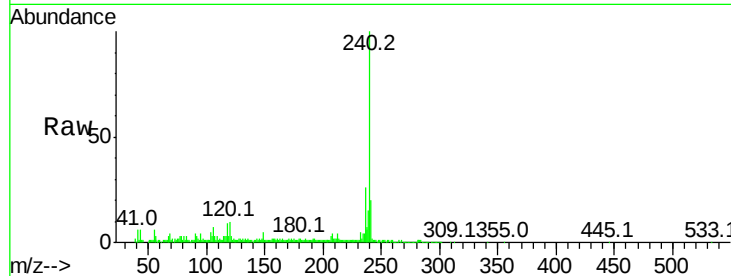
Tot Ion:240 Resp: 127833

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

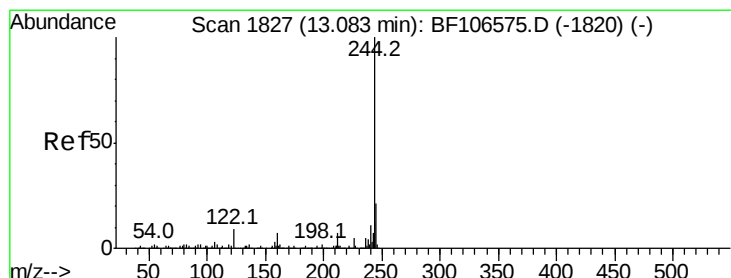
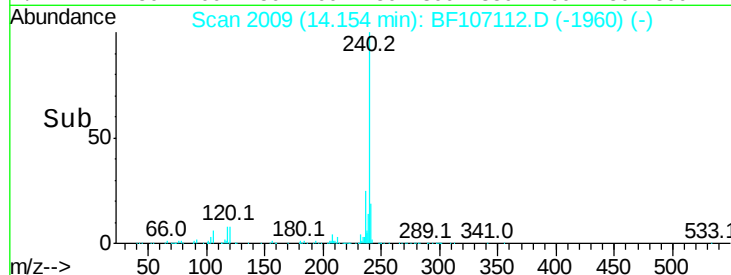
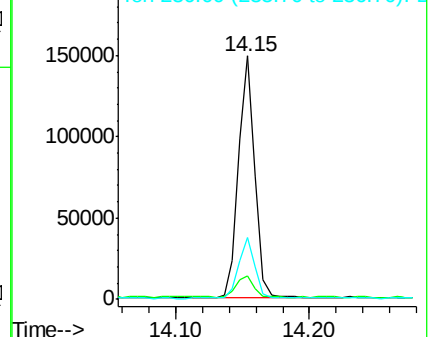
236 25.6 20.7 31.1



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: 104.995 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

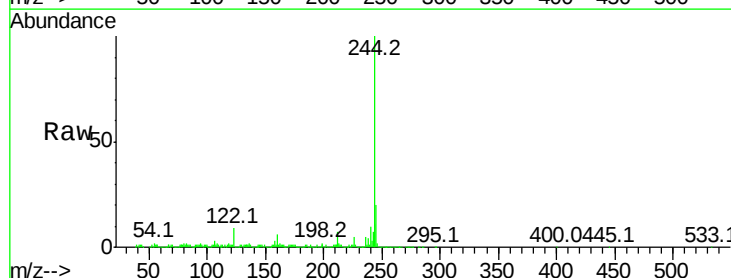
Tgt Ion:244 Resp: 554094

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

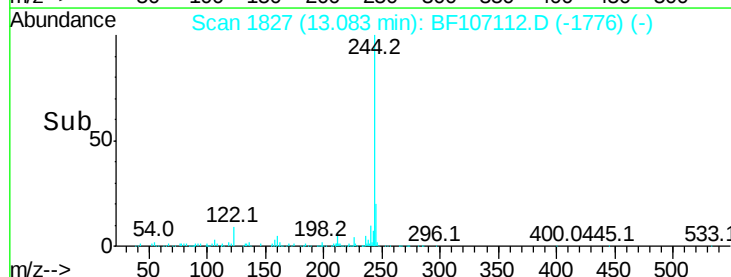
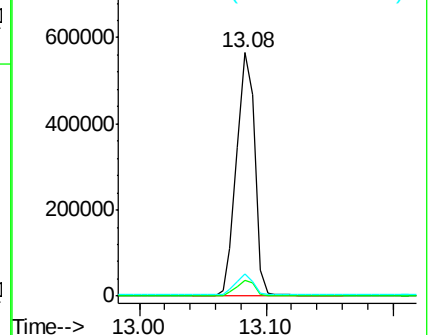
122 9.1 11.0 16.4#

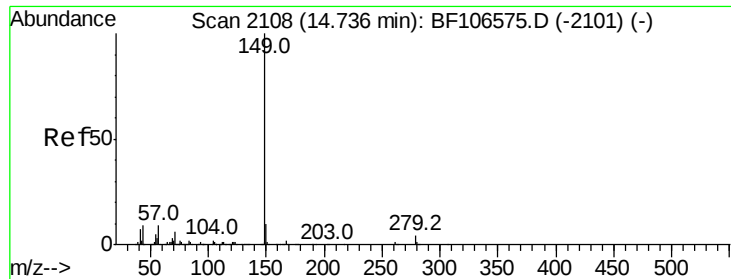


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

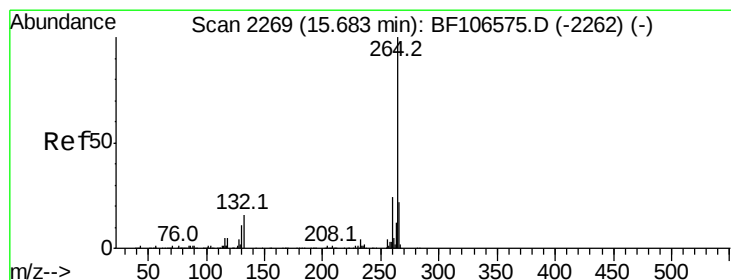
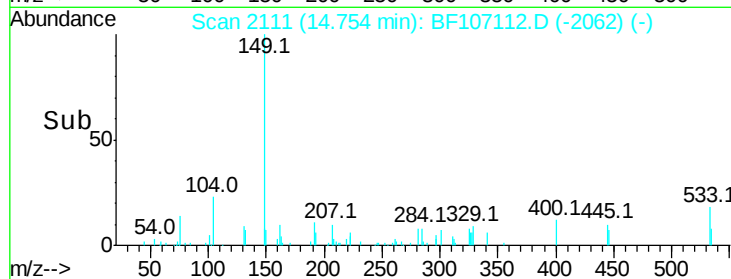
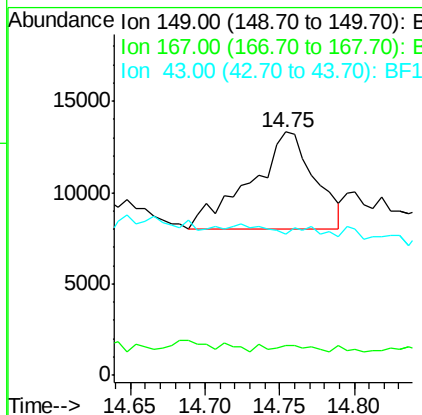
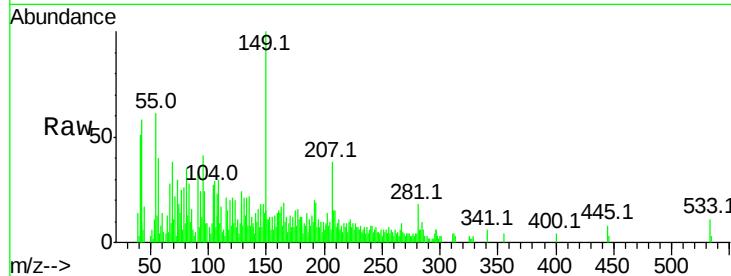




#84
Di-n-octyl phthalate
Concen: 2.213 ng
RT: 14.75 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 15987
Ion Ratio Lower Upper
149 100
167 3.8 1.2 1.8#
43 0.0 8.4 12.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Tgt Ion:264 Resp: 103369
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.6 17.5 26.3

