

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107110.D
 Acq On : 4 Jul 2018 4:51
 Operator : JU/SJ
 Sample : J3816-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:17:52 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

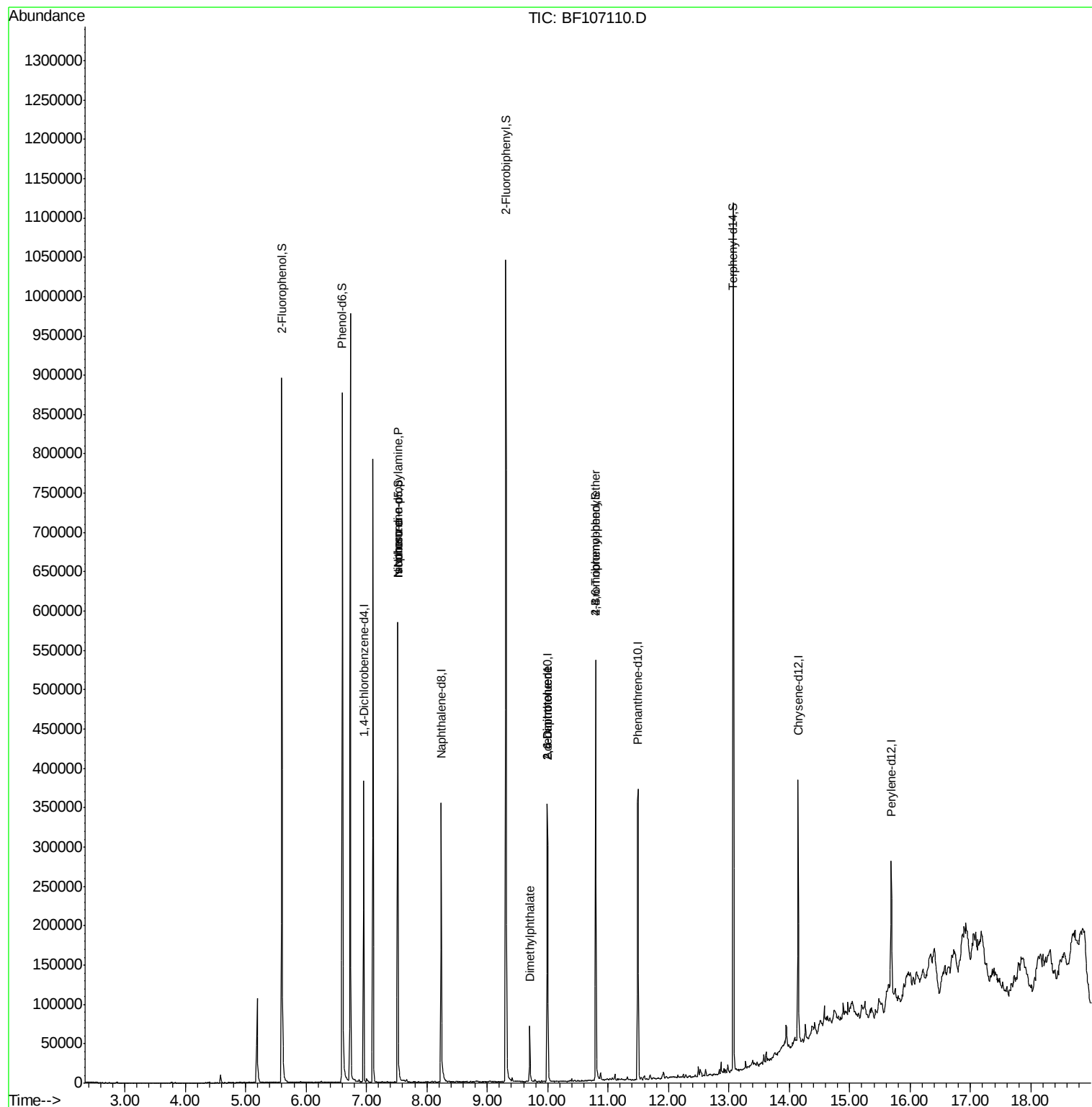
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	51177	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	178689	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	78796	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	158850	20.00	ng	0.00
75) Chrysene-d12	14.15	240	132727	20.00	ng	-0.02
86) Perylene-d12	15.69	264	99132	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	262052	86.71	ng	0.00
7) Phenol-d6	6.60	99	318006	84.26	ng	-0.01
23) Nitrobenzene-d5	7.52	82	186206	57.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	82087	89.88	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	353261	73.97	ng	-0.02
78) Terphenyl-d14	13.08	244	434787	79.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	23901	9.607	ng	# 76
25) Isophorone	7.52	82	186203	32.864	ng	# 64
49) Dimethylphthalate	9.71	163	35561	6.017	ng	# 95
50) 2,6-Dinitrotoluene	10.00	165	9717	7.765	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	9717	5.949	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	4854	2.560	ng	# 1

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

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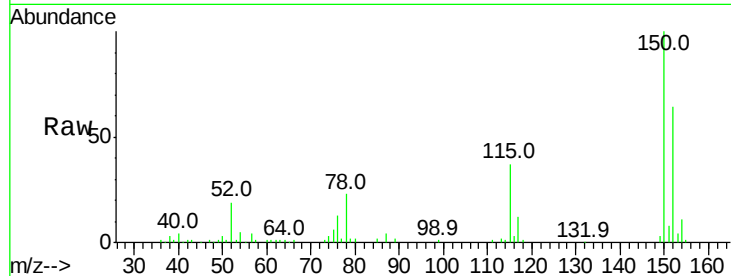


#1

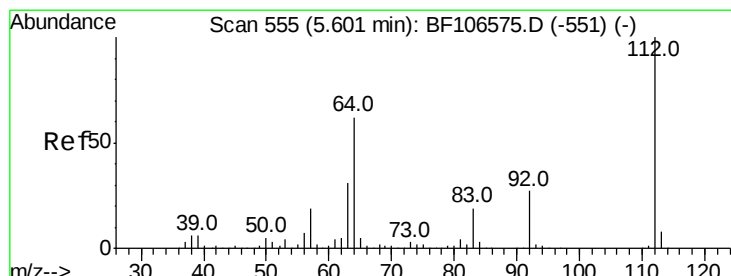
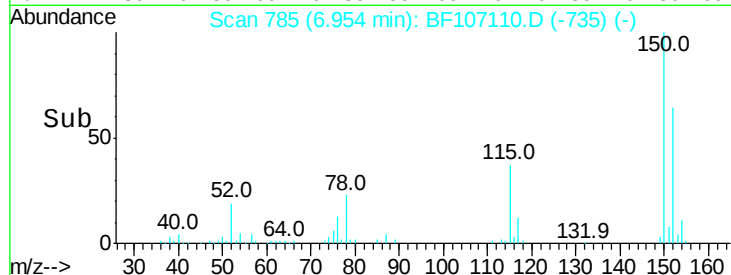
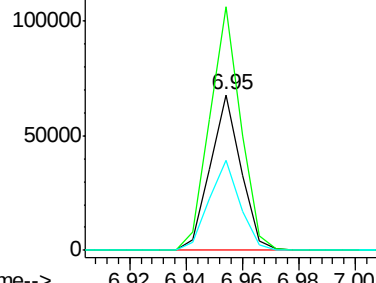
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 51177
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 57.6 50.1 75.1



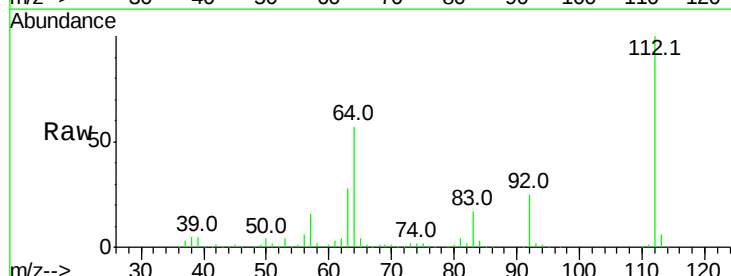
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



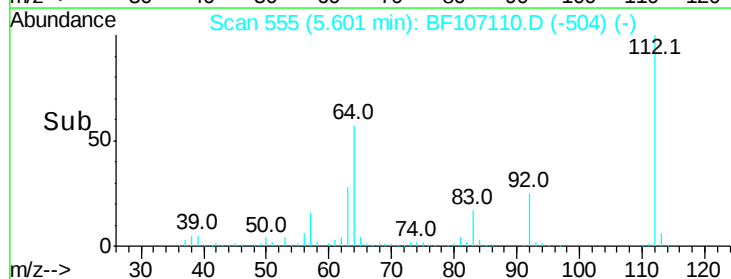
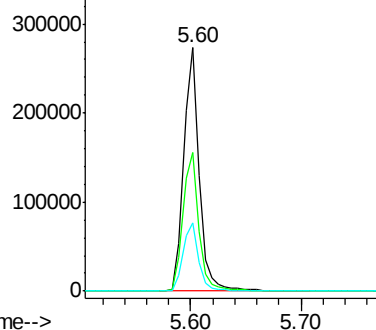
#5

2-Fluorophenol
Concen: 86.706 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Tgt Ion:112 Resp: 262052
Ion Ratio Lower Upper
112 100
64 57.2 47.9 71.9
63 27.8 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: 84.257 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107110.D

Acq: 4 Jul 2018 4:51

Instrument :

BNA_F

ClientSampleId :

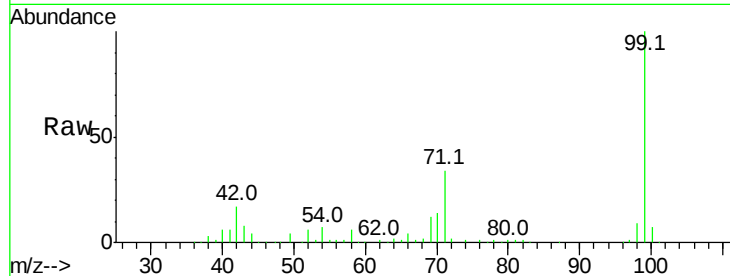
Tot Ion: 99 Resp: 318006

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

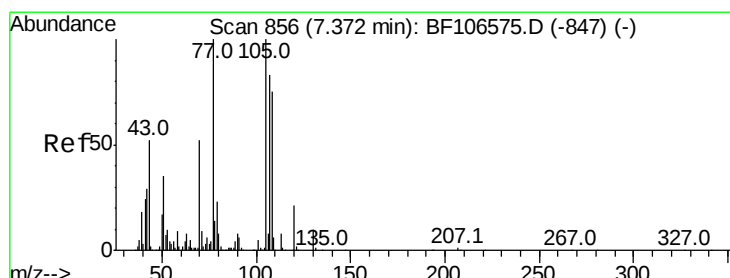
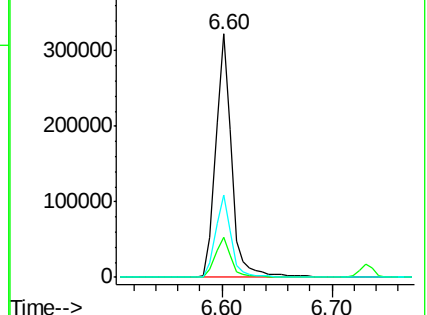
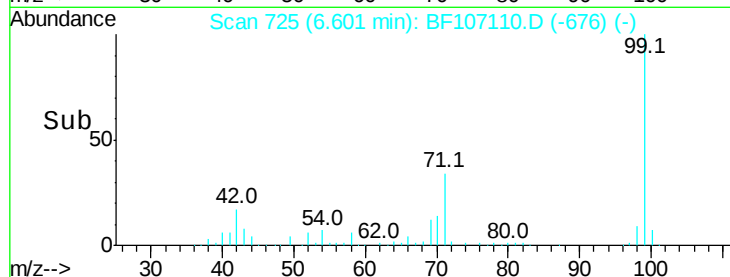
71 34.1 25.4 38.0



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: 9.607 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107110.D

Acq: 4 Jul 2018 4:51

Tgt Ion: 70 Resp: 23901

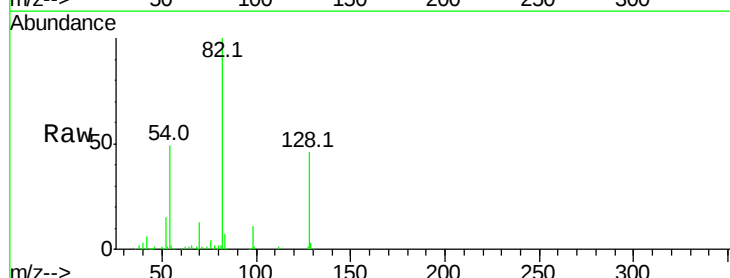
Ion Ratio Lower Upper

70 100

42 45.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

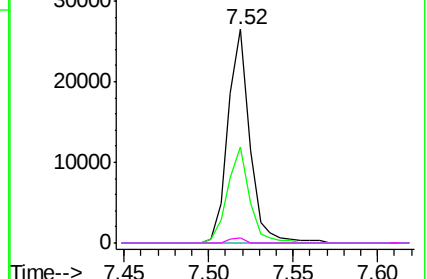
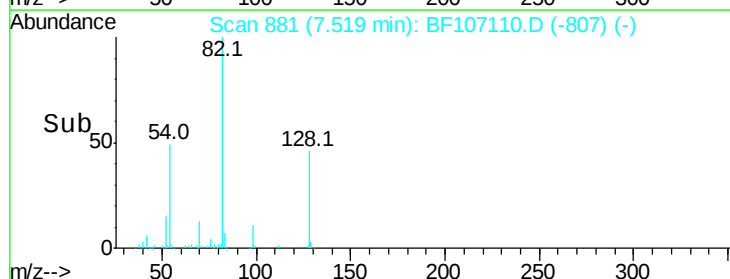


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

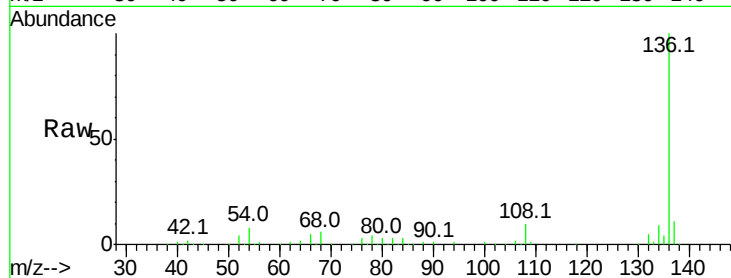




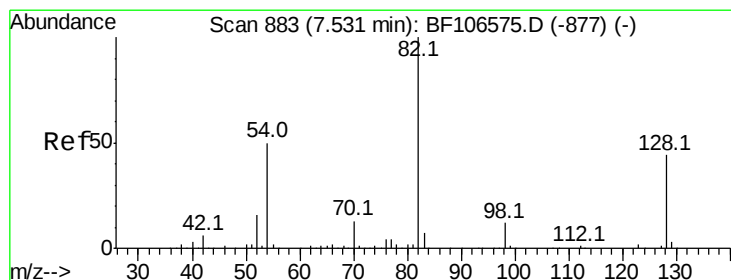
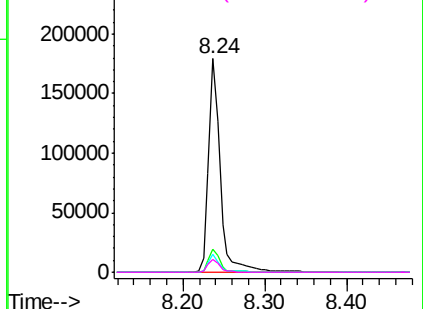
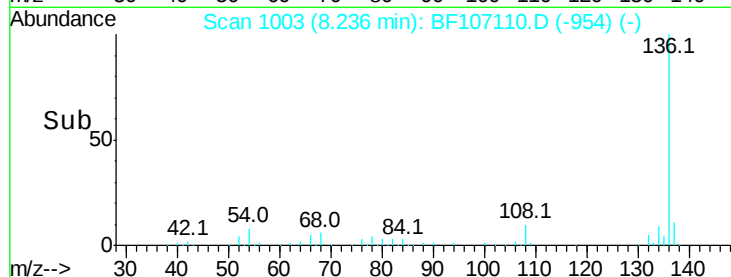
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	178689
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4

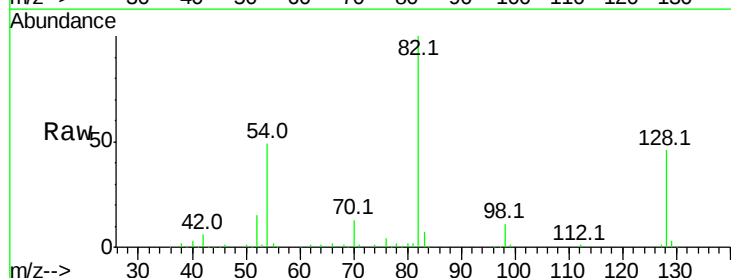


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

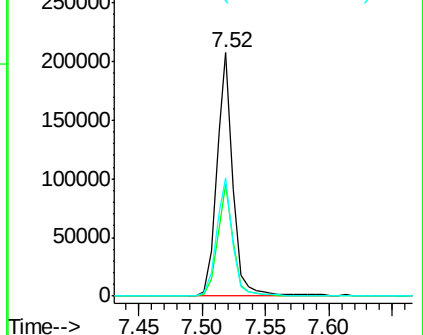
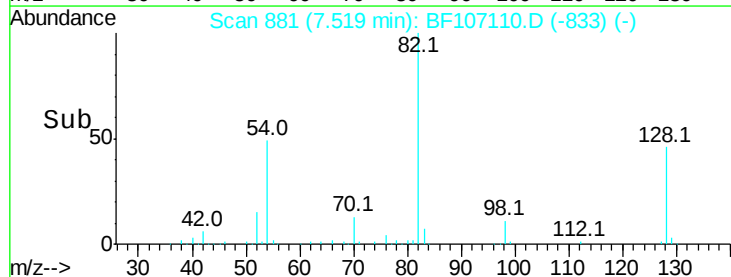


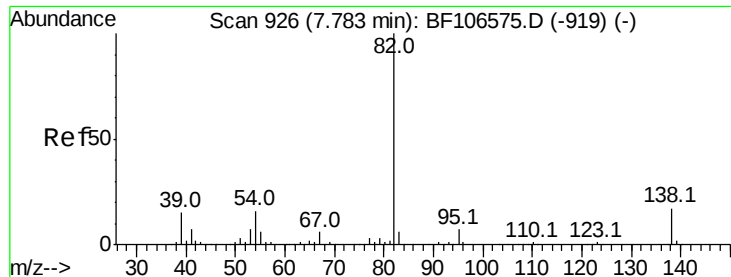
#23
Nitrobenzene-d5
Concen: 57.911 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Tgt Ion:	82	Resp:	186206
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	48.5	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: 32.864 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107110.D

Acq: 4 Jul 2018 4:51

Instrument :

BNA_F

ClientSampleId :

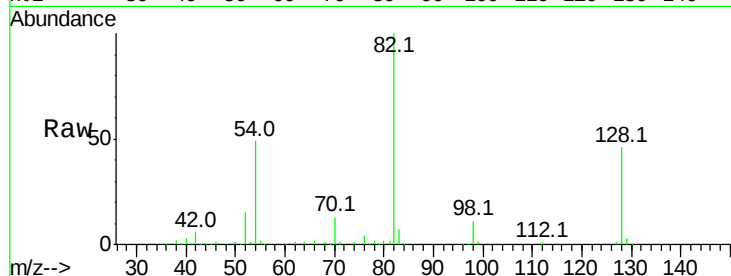
Tot Ion: 82 Resp: 186203

Ion Ratio Lower Upper

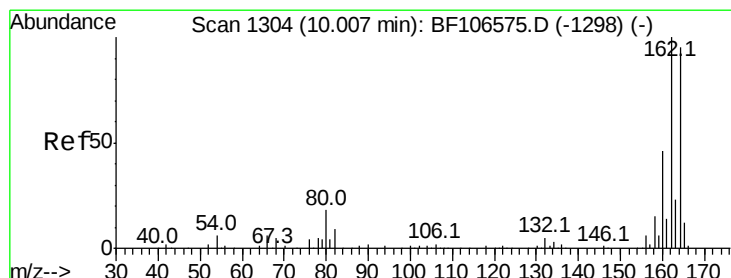
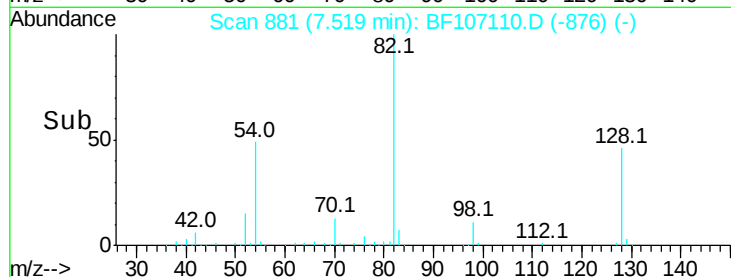
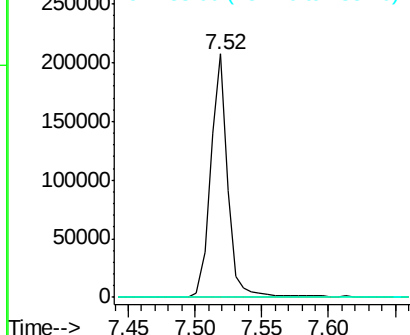
82 100

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: BF107110.D

Acq: 4 Jul 2018 4:51

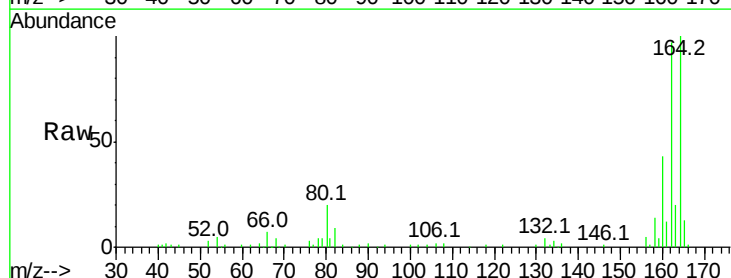
Tgt Ion:164 Resp: 78796

Ion Ratio Lower Upper

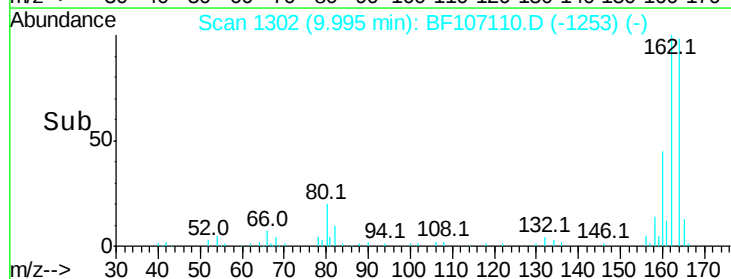
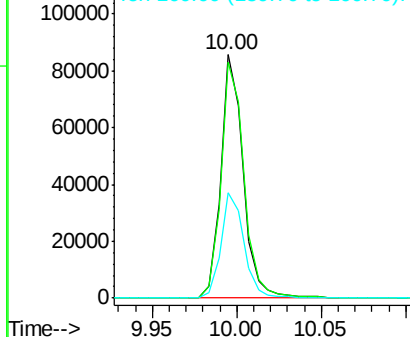
164 100

162 97.1 86.1 129.1

160 43.5 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

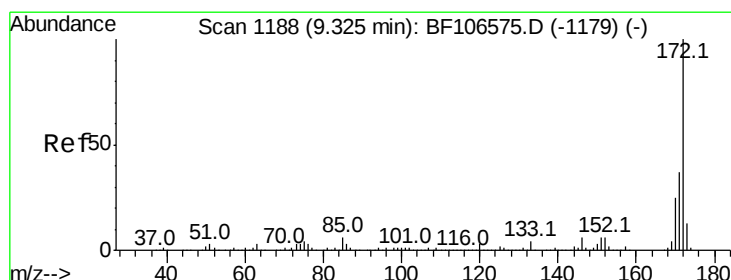
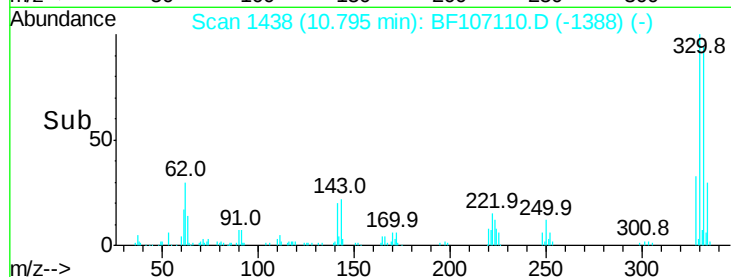
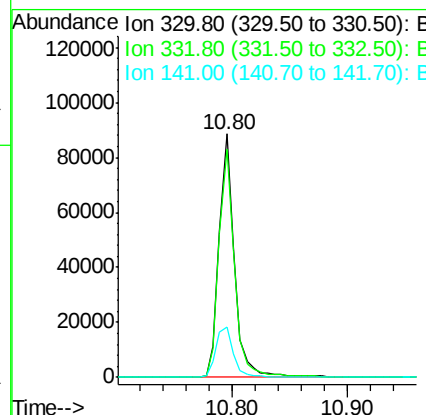
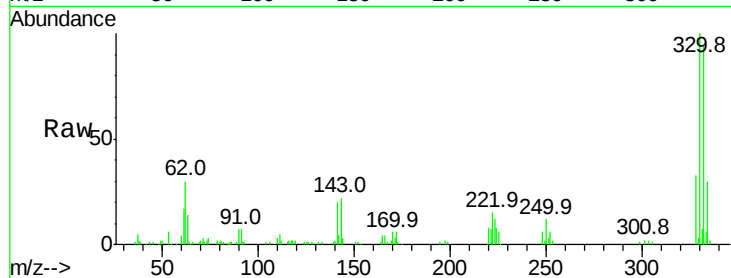




#41
 2,4,6-Tribromophenol
 Concen: 89.883 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107110.D
 Acq: 4 Jul 2018 4:51

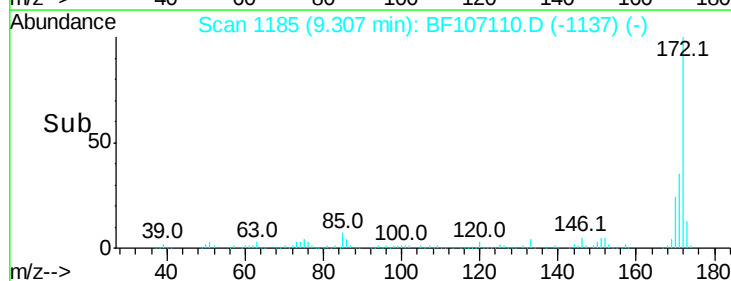
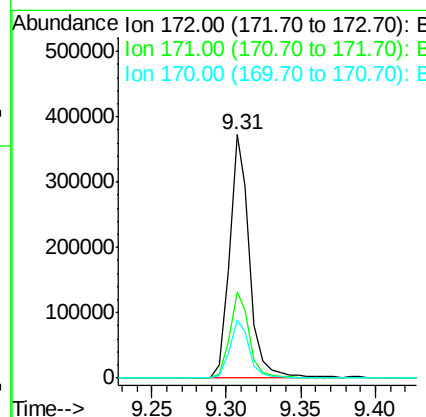
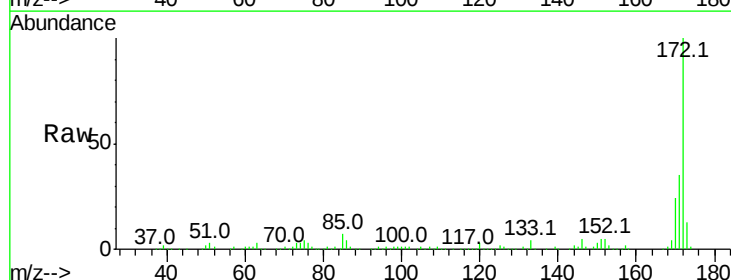
Instrument :
 BNA_F
 ClientSampleId :

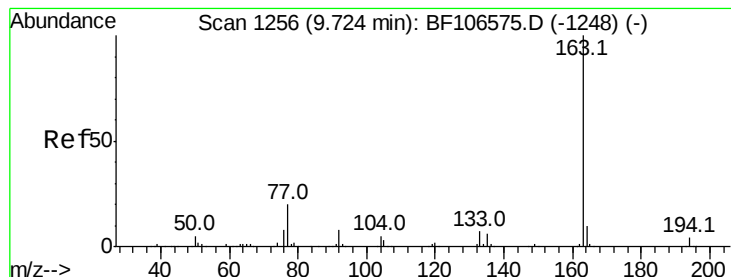
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	23.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 73.970 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107110.D
 Acq: 4 Jul 2018 4:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.8	19.6	29.4





#49

Dimethylphthalate

Concen: 6.017 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF107110.D

Acq: 4 Jul 2018 4:51

Instrument :

BNA_F

ClientSampleId :

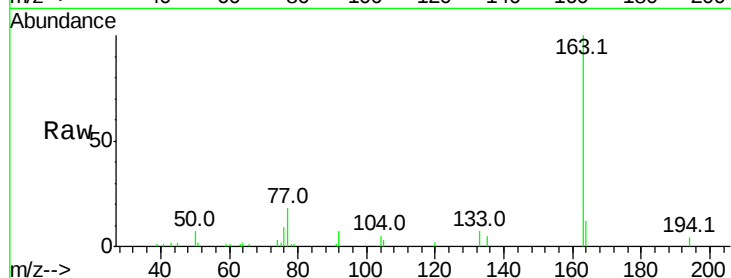
Tot Ion:163 Resp: 35561

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

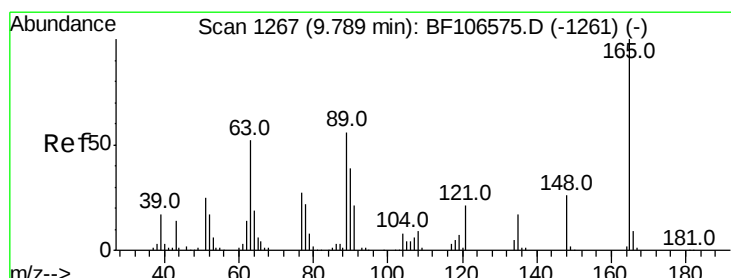
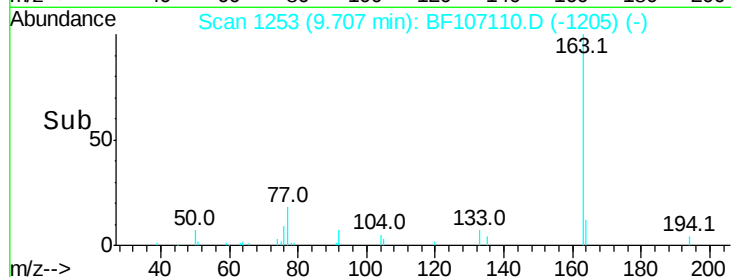
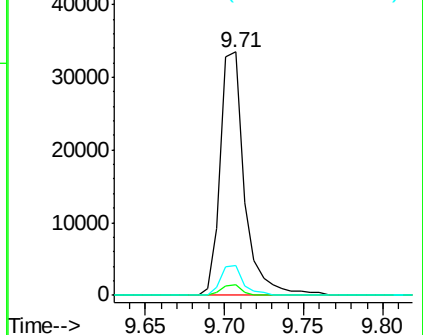
164 12.4 8.2 12.2#



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: 7.765 ng

RT: 10.00 min Scan# 1302

Delta R.T. 0.20 min

Lab File: BF107110.D

Acq: 4 Jul 2018 4:51

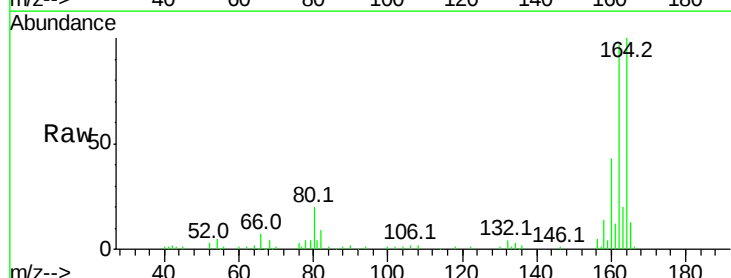
Tgt Ion:165 Resp: 9717

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

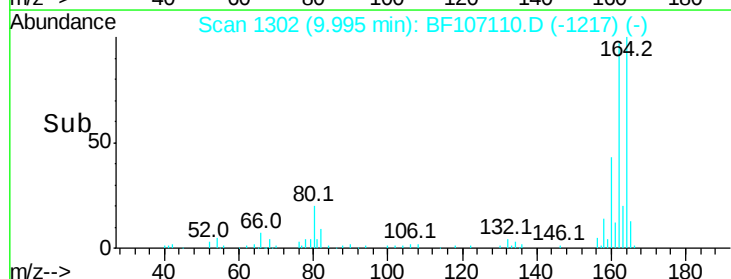
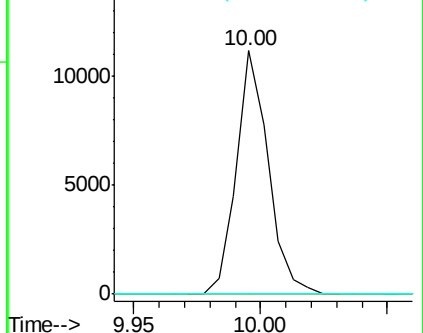
89 0.0 44.0 66.0#



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

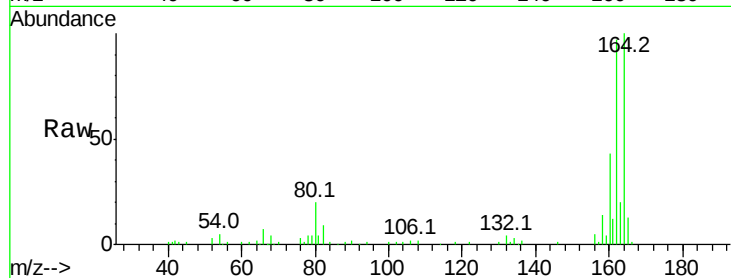




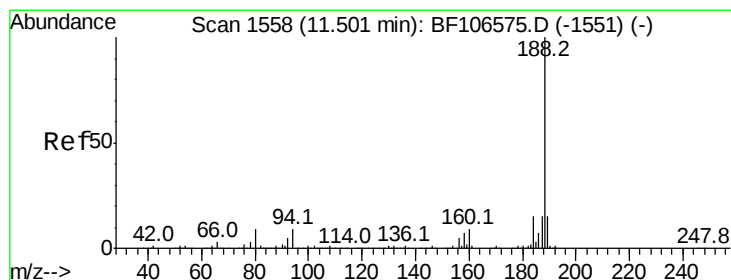
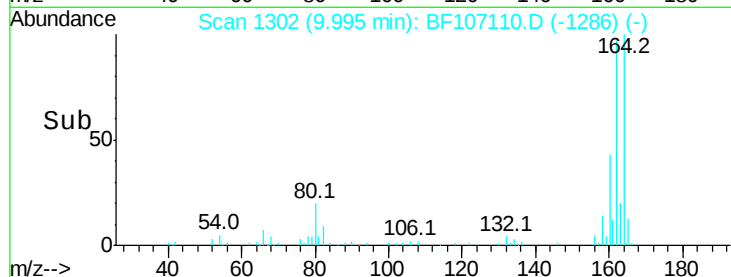
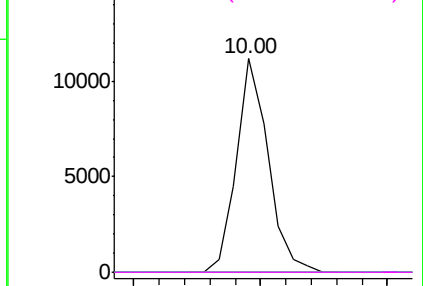
#56
 2,4-Dinitrotoluene
 Concen: 5.949 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107110.D
 Acq: 4 Jul 2018 4:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 9717
 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#

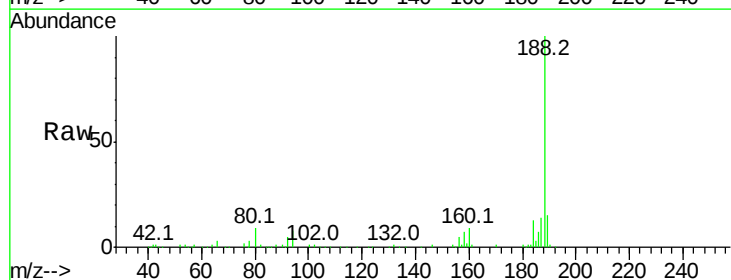


Abundance Ion 165.00 (164.70 to 165.70): E

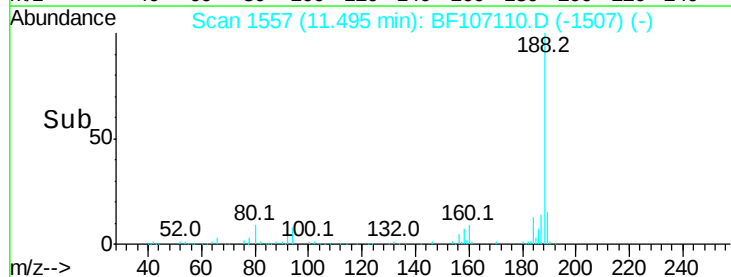
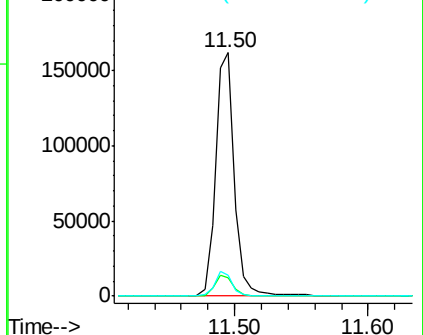


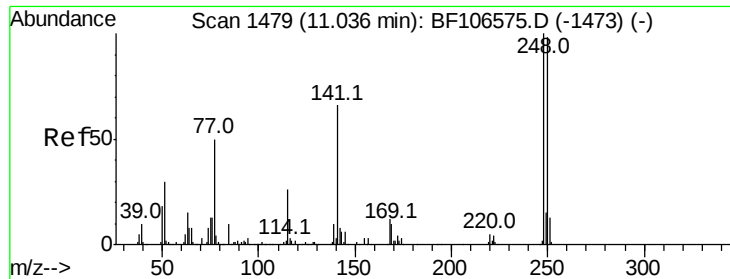
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107110.D
 Acq: 4 Jul 2018 4:51

Tgt Ion:188 Resp: 158850
 Ion Ratio Lower Upper
 188 100
 94 7.6 8.5 12.7#
 80 8.7 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

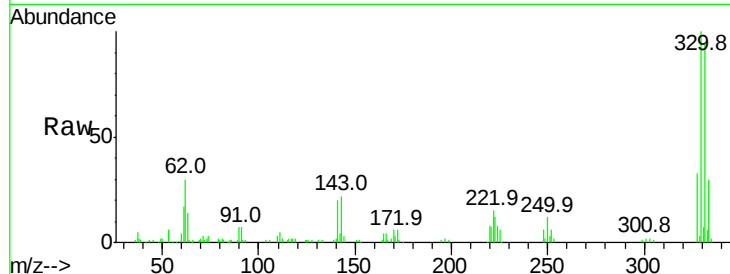




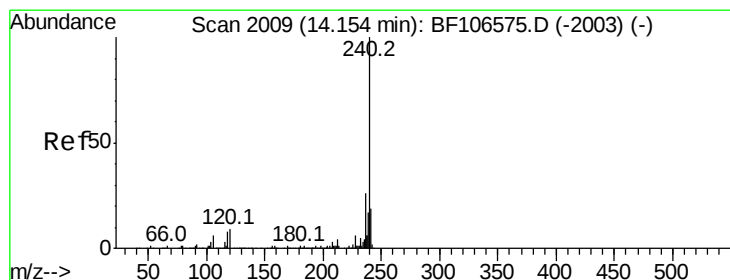
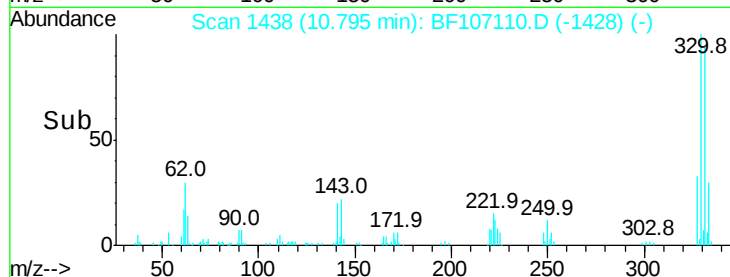
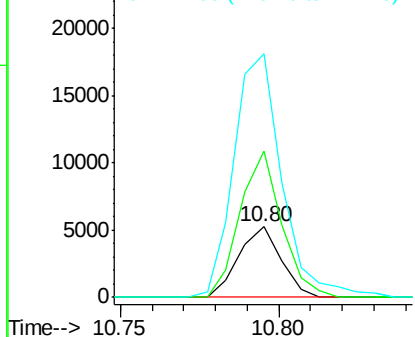
#66
4-Bromophenyl-phenylether
Concen: 2.560 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 4854
Ion Ratio Lower Upper
248 100
250 206.9 76.9 115.3#
141 344.1 74.4 111.6#

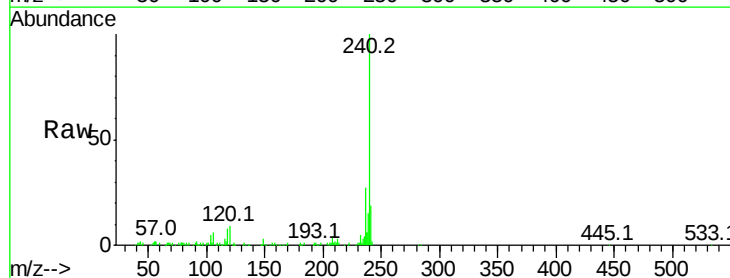


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

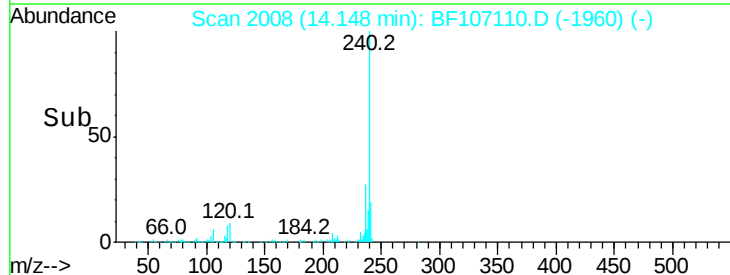
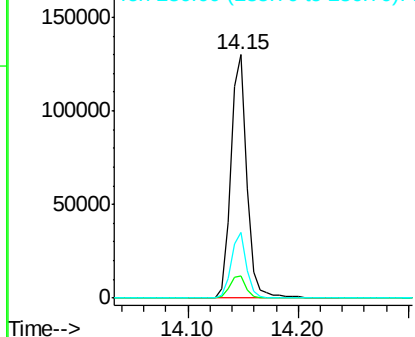


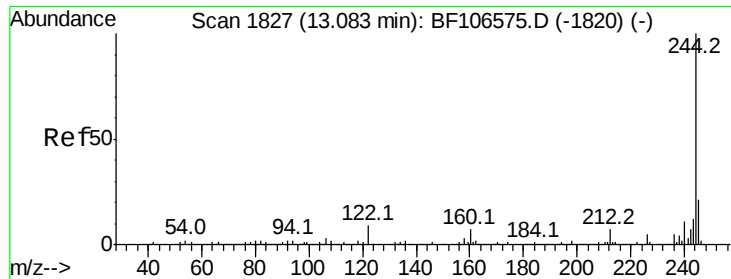
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Tgt Ion:240 Resp: 132727
Ion Ratio Lower Upper
240 100
120 9.2 9.5 14.3#
236 26.9 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: 79.350 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107110.D

Acq: 4 Jul 2018 4:51

Instrument :

BNA_F

ClientSampleId :

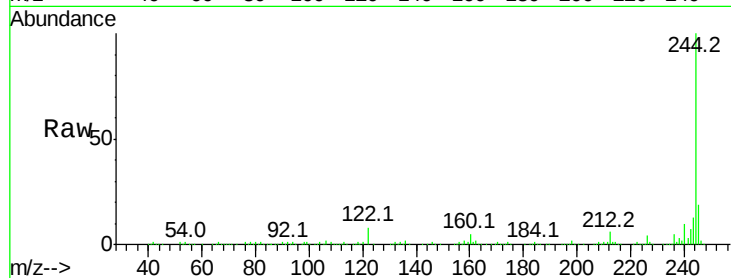
Tot Ion:244 Resp: 434787

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

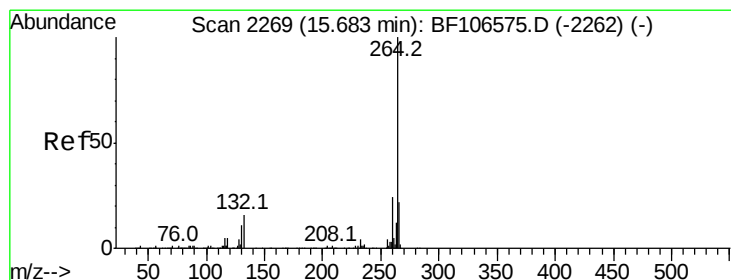
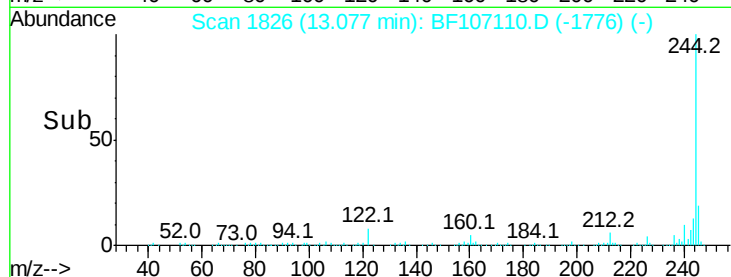
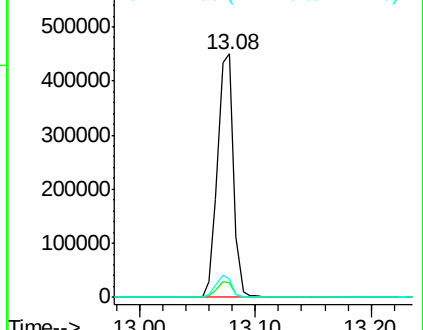
122 7.7 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.03 min

Lab File: BF107110.D

Acq: 4 Jul 2018 4:51

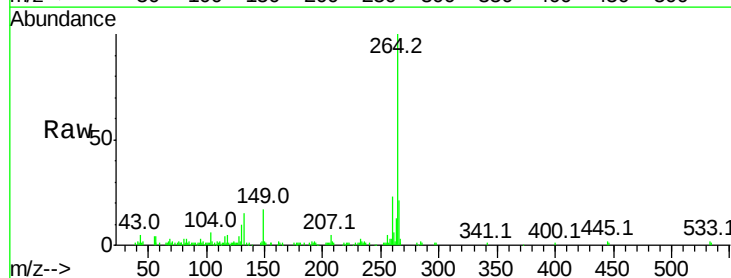
Tgt Ion:264 Resp: 99132

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.4 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

