

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107109.D
 Acq On : 4 Jul 2018 4:24
 Operator : JU/SJ
 Sample : J3816-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:17:43 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

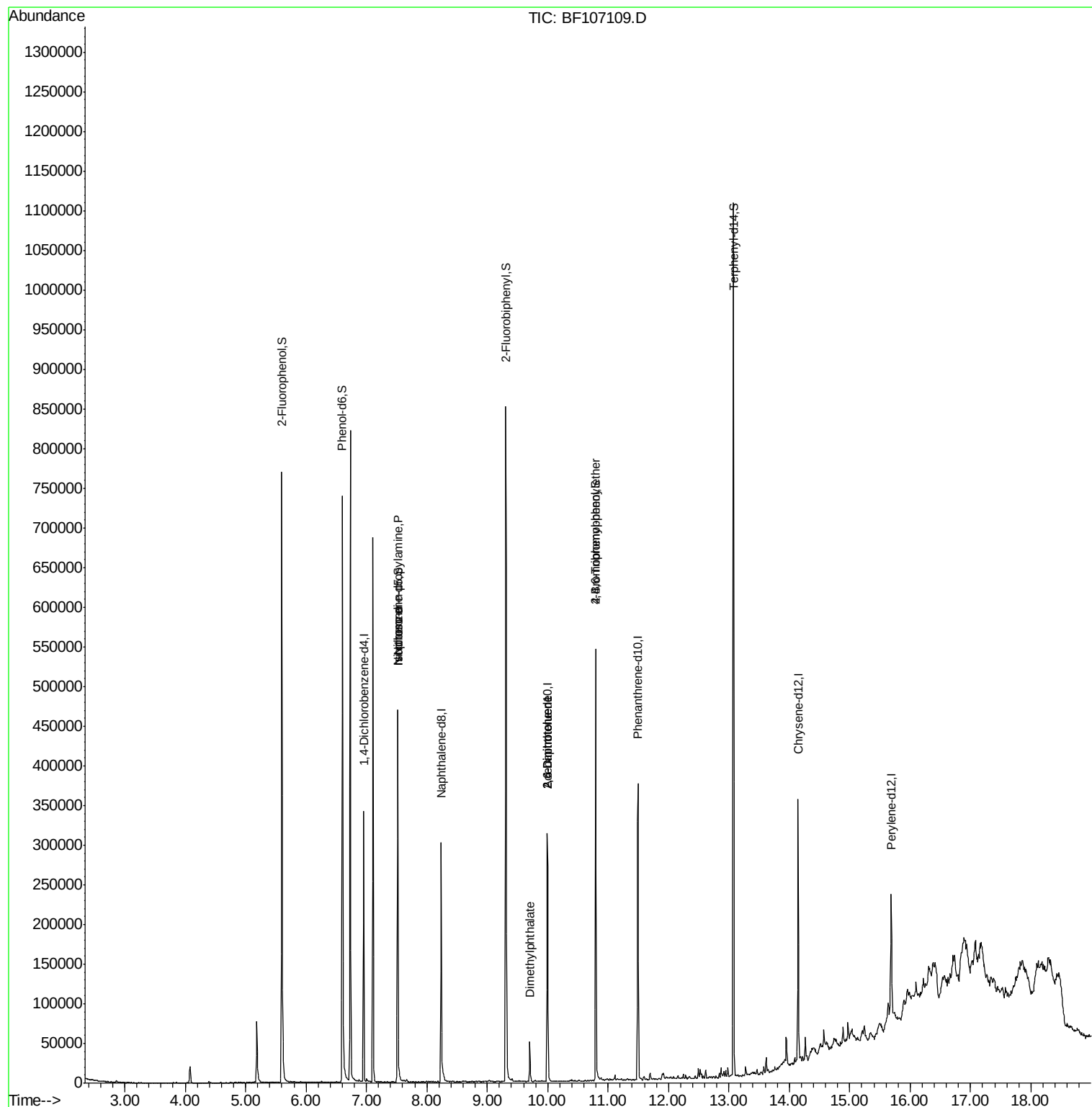
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	45928	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	154245	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	70064	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	154458	20.00	ng	0.00
75) Chrysene-d12	14.15	240	130519	20.00	ng	-0.02
86) Perylene-d12	15.69	264	92975	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	234915	86.61	ng	0.00
7) Phenol-d6	6.60	99	272725	80.52	ng	-0.01
23) Nitrobenzene-d5	7.52	82	153131	55.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	78523	96.70	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	297022	68.97	ng	-0.02
78) Terphenyl-d14	13.08	244	427293	79.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	19947	8.934	ng	# 73
25) Isophorone	7.52	82	153130	31.309	ng	# 64
49) Dimethylphthalate	9.71	163	28279	5.381	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	8983	8.073	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8983	6.185	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	4692	2.545	ng	# 1

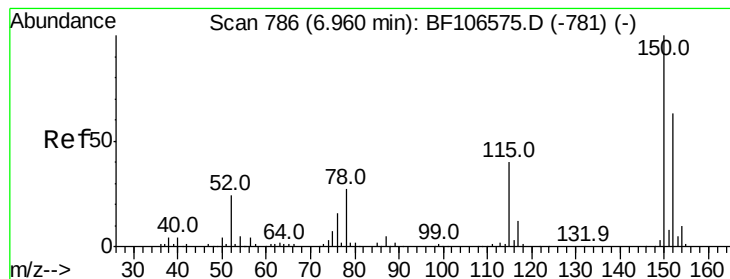
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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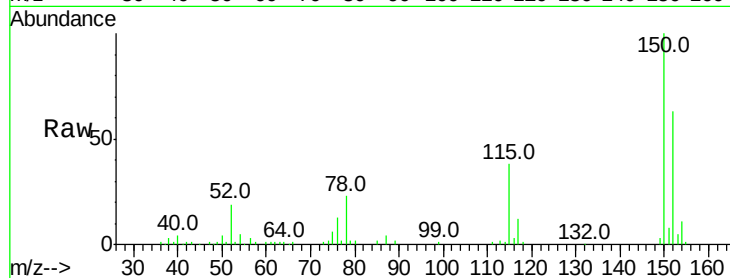


#1

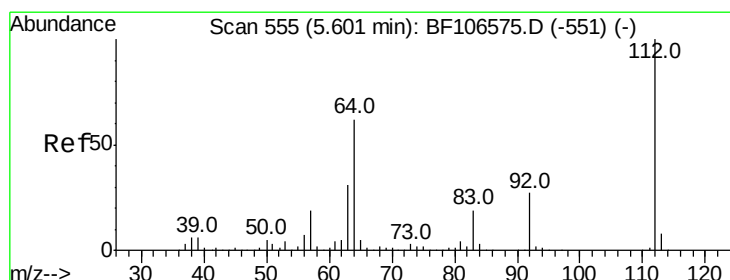
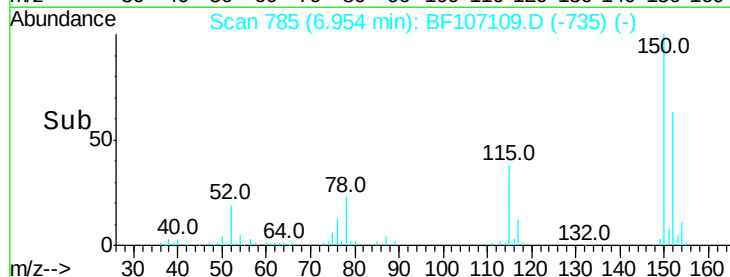
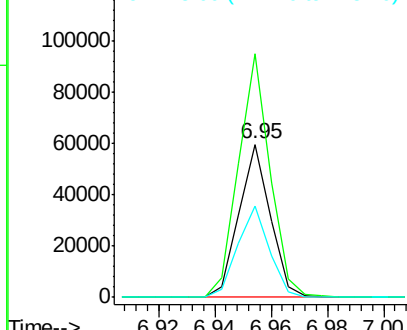
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107109.D
Acq: 4 Jul 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45928
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 59.8 50.1 75.1



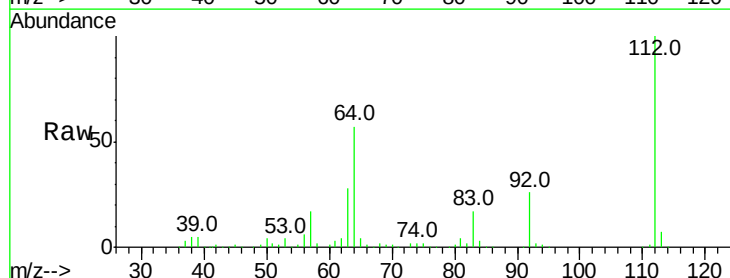
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



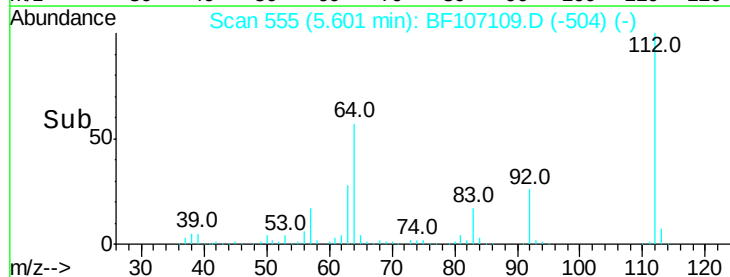
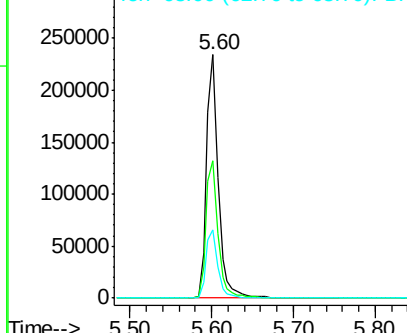
#5

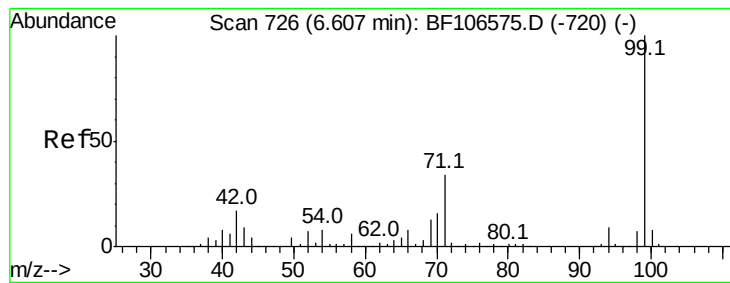
2-Fluorophenol
Concen: 86.611 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107109.D
Acq: 4 Jul 2018 4:24

Tgt Ion:112 Resp: 234915
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.1 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: 80.518 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107109.D

Acq: 4 Jul 2018 4:24

Instrument :

BNA_F

ClientSampled :

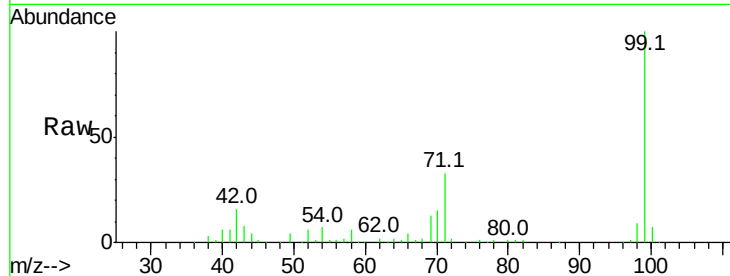
Tot Ion: 99 Resp: 272725

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

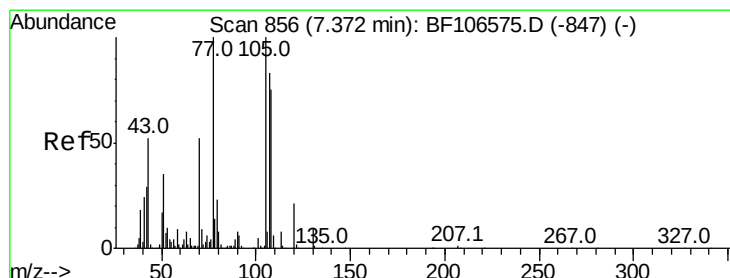
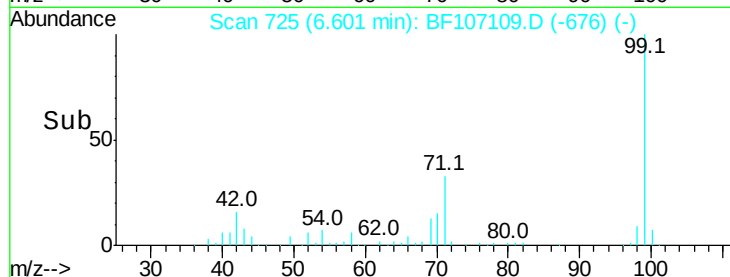
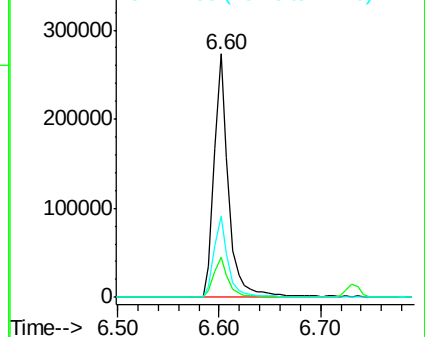
71 33.4 25.4 38.0



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: 8.934 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107109.D

Acq: 4 Jul 2018 4:24

Tgt Ion: 70 Resp: 19947

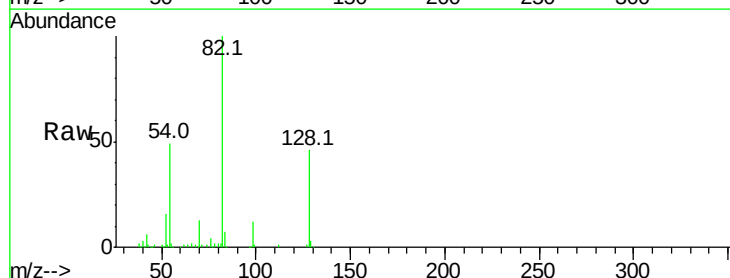
Ion Ratio Lower Upper

70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

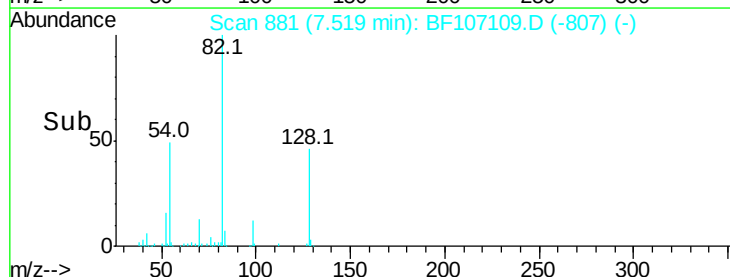
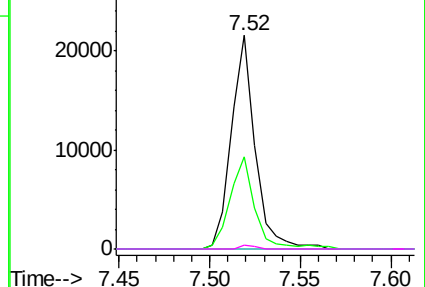


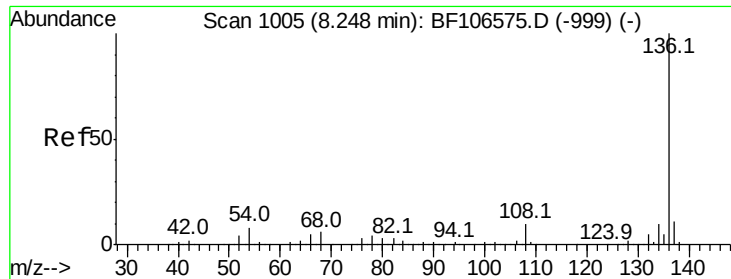
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

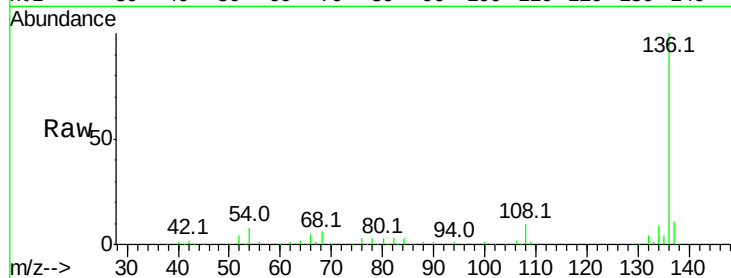




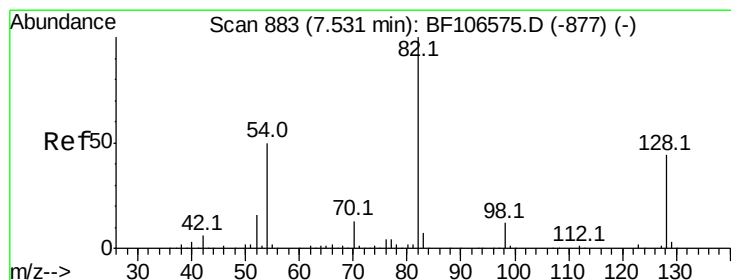
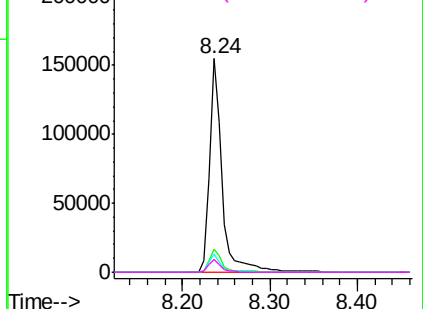
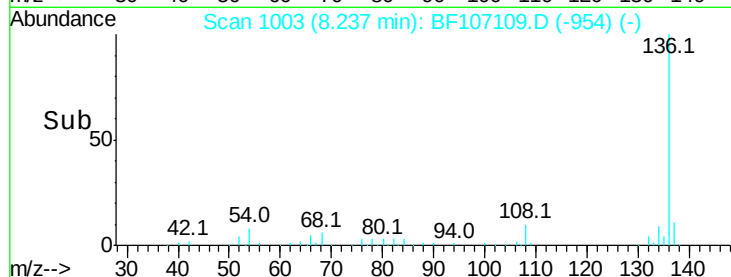
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107109.D
Acq: 4 Jul 2018 4:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	154245
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4

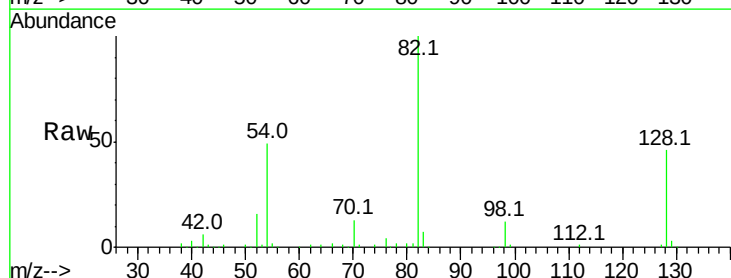


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

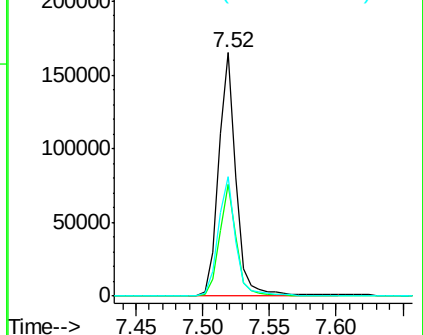
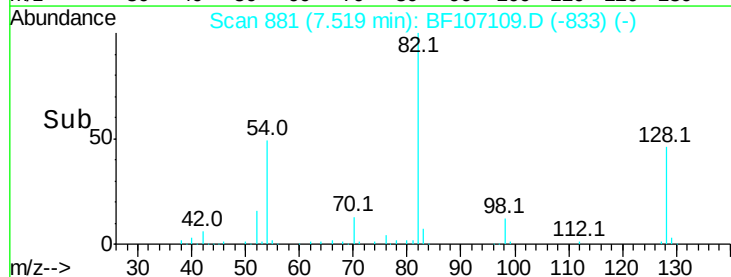


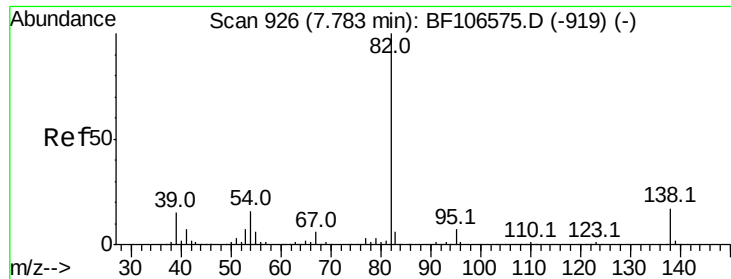
#23
Nitrobenzene-d5
Concen: 55.172 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107109.D
Acq: 4 Jul 2018 4:24

Tgt Ion:	82	Resp:	153131
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	49.1	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: 31.309 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107109.D

Acq: 4 Jul 2018 4:24

Instrument :

BNA_F

ClientSampleId :

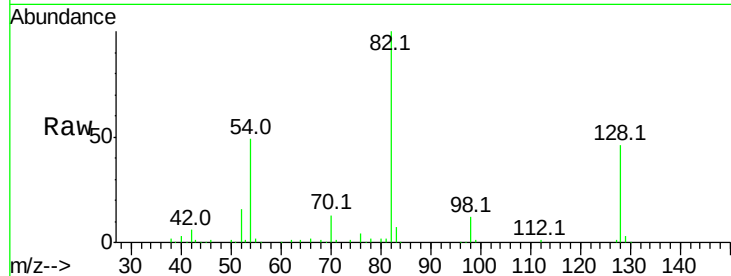
Tot Ion: 82 Resp: 153130

Ion Ratio Lower Upper

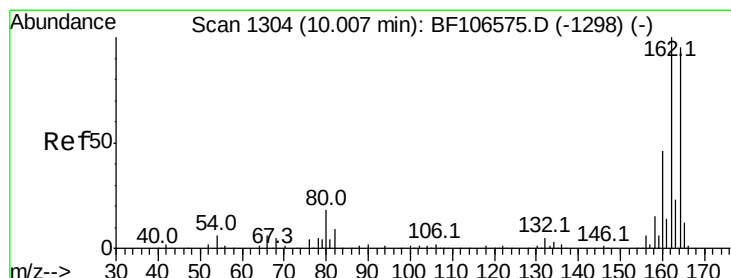
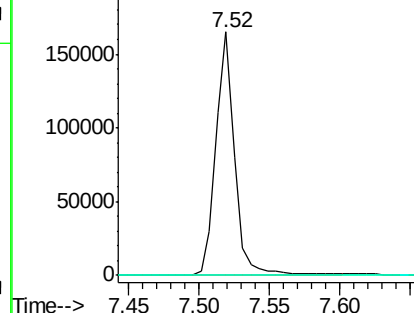
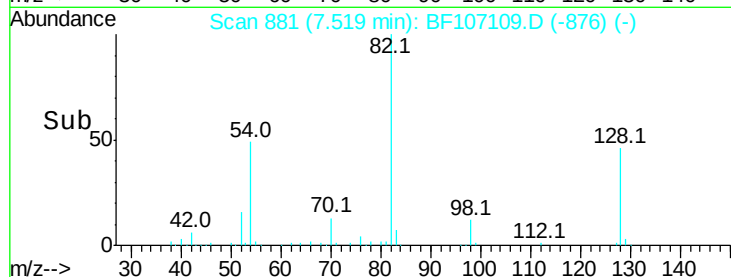
82 100

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: BF107109.D

Acq: 4 Jul 2018 4:24

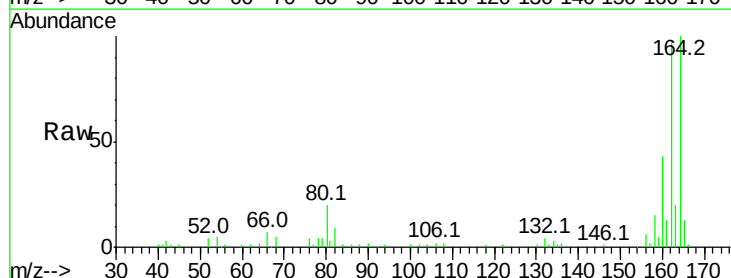
Tgt Ion:164 Resp: 70064

Ion Ratio Lower Upper

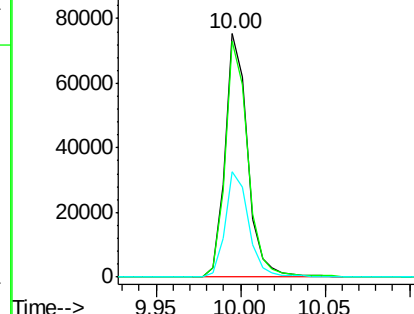
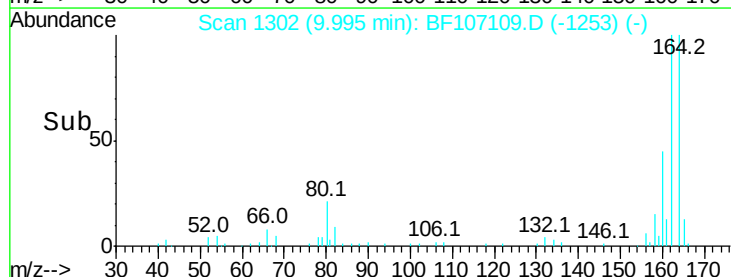
164 100

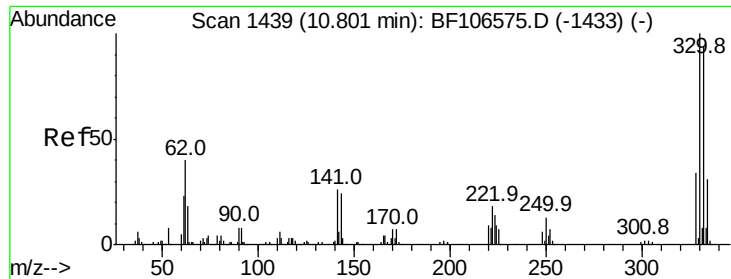
162 96.8 86.1 129.1

160 43.3 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

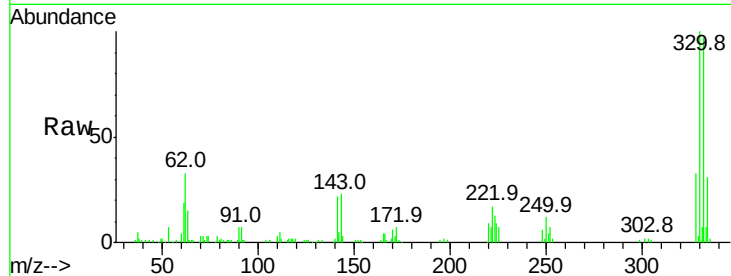




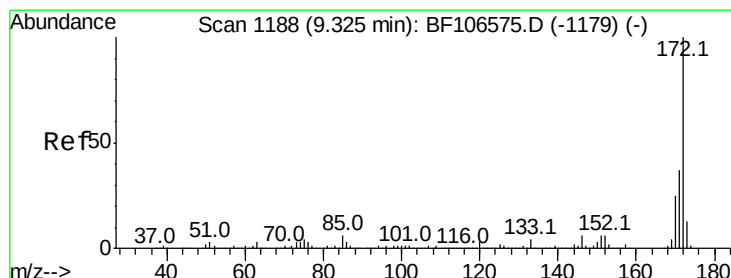
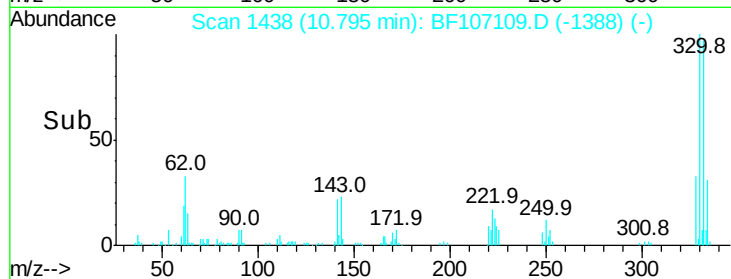
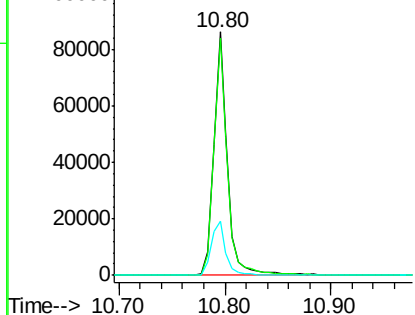
#41
 2,4,6-Tribromophenol
 Concen: 96.696 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107109.D
 Acq: 4 Jul 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 78523
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 23.3 29.9 44.9#

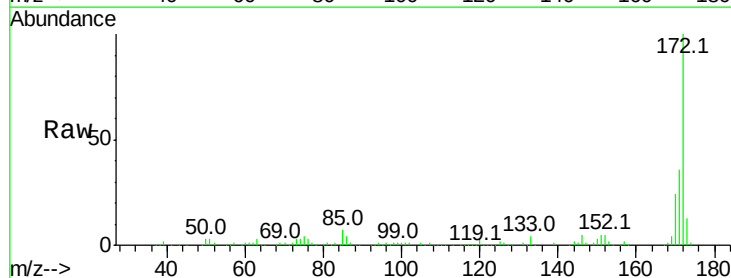


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

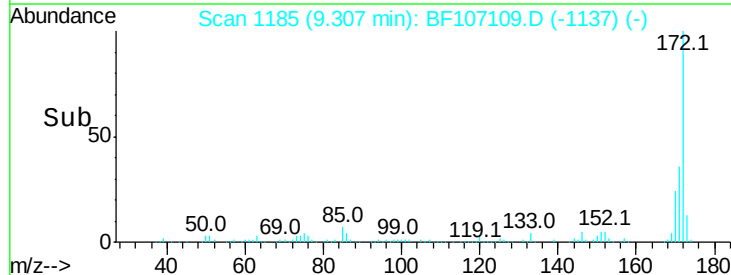
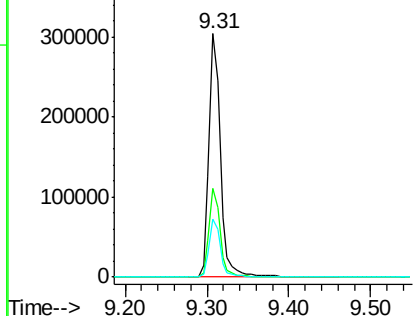


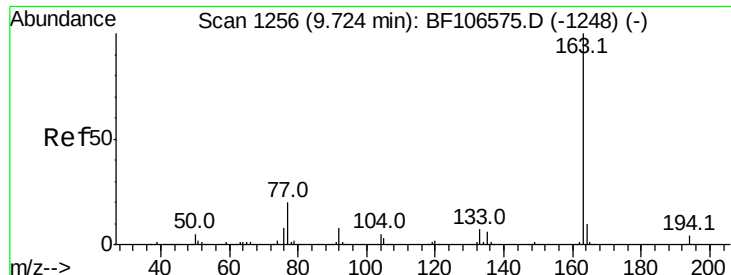
#44
 2-Fluorobiphenyl
 Concen: 68.974 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107109.D
 Acq: 4 Jul 2018 4:24

Tgt Ion:172 Resp: 297022
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.7 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

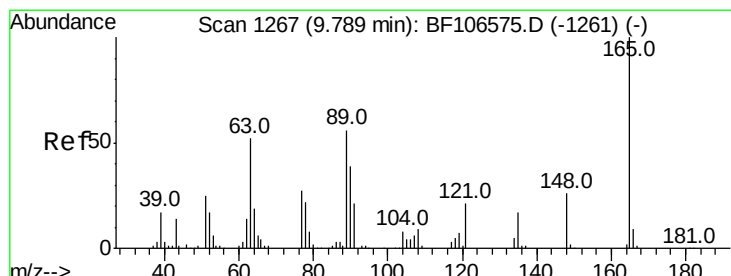
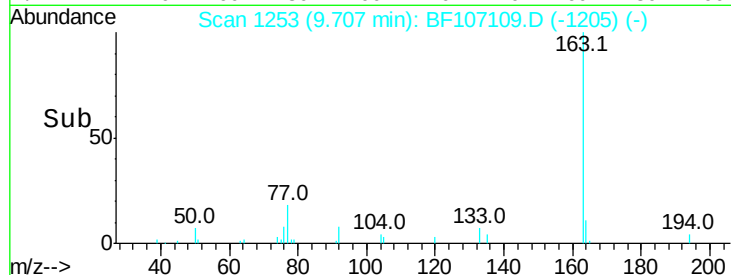
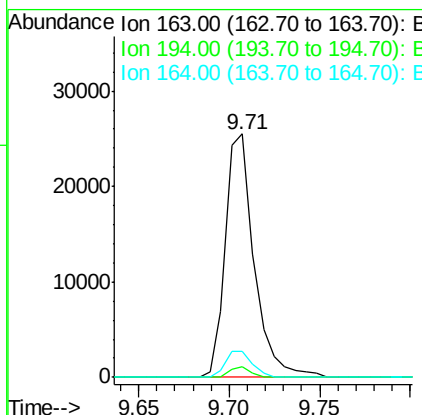
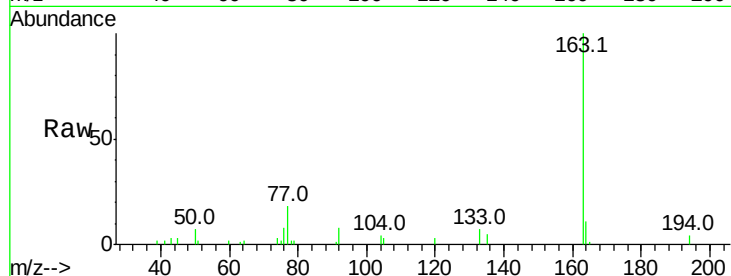




#49
Dimethylphthalate
Concen: 5.381 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107109.D
Acq: 4 Jul 2018 4:24

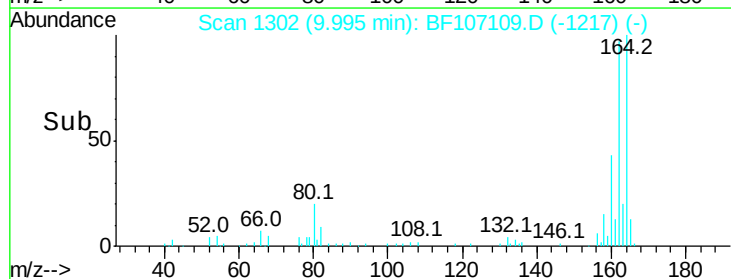
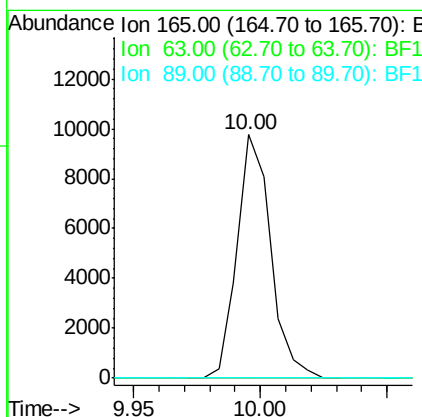
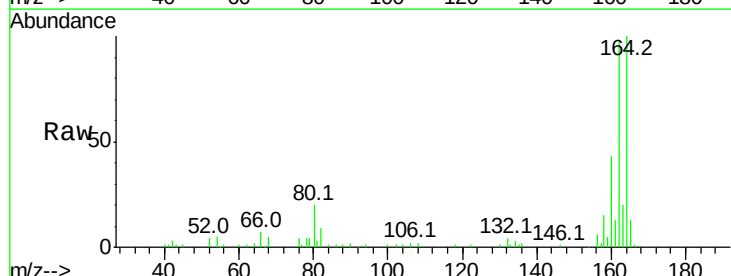
Instrument :
BNA_F
ClientSampleId :

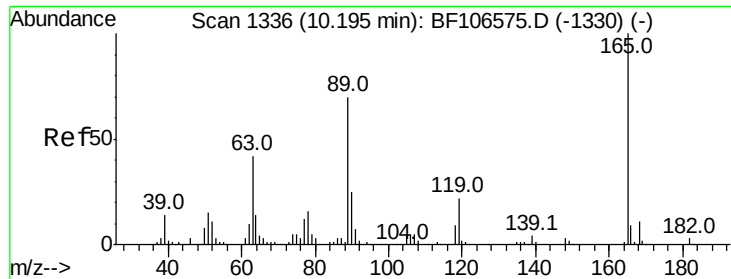
Tot Ion:163 Resp: 28279
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 10.9 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.073 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF107109.D
Acq: 4 Jul 2018 4:24

Tgt Ion:165 Resp: 8983
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

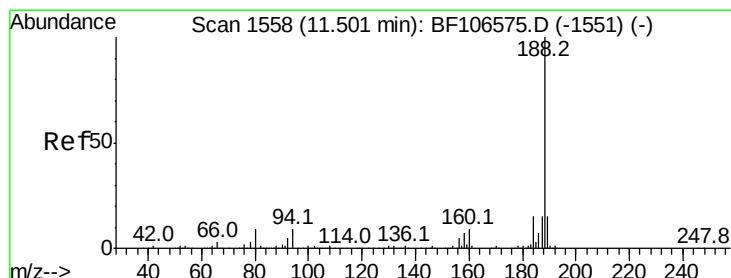
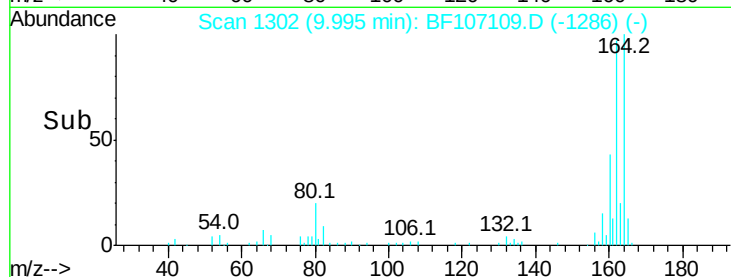
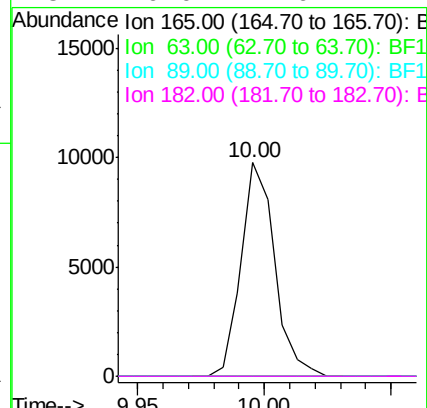
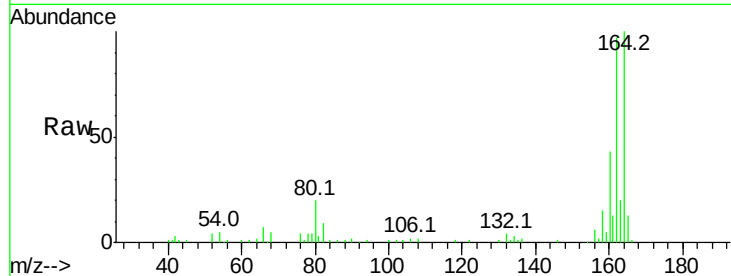




#56
 2,4-Dinitrotoluene
 Concen: 6.185 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107109.D
 Acq: 4 Jul 2018 4:24

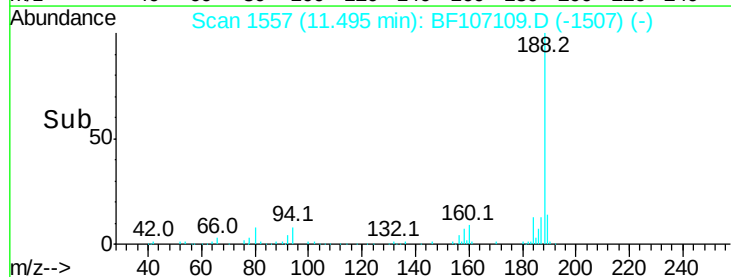
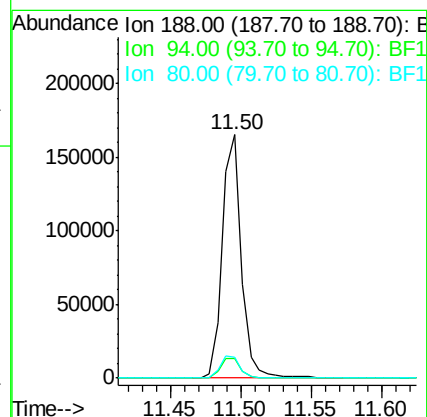
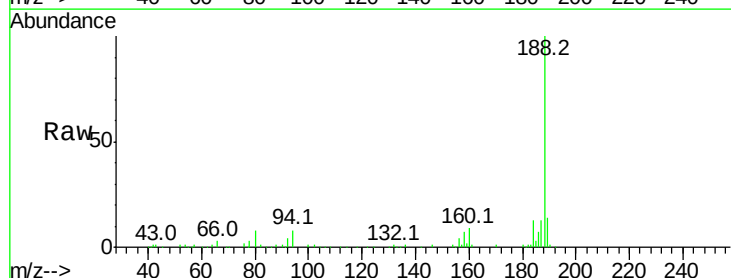
Instrument :
 BNA_F
 ClientSampleId :

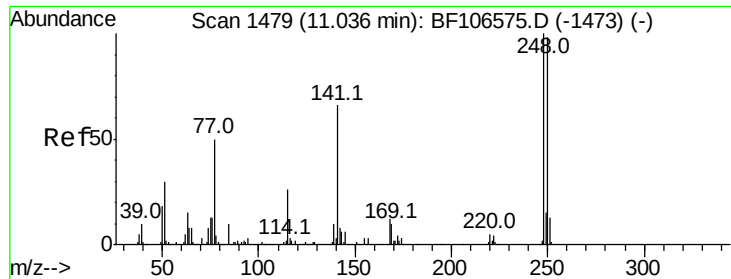
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107109.D
 Acq: 4 Jul 2018 4:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.4	9.2	13.8#

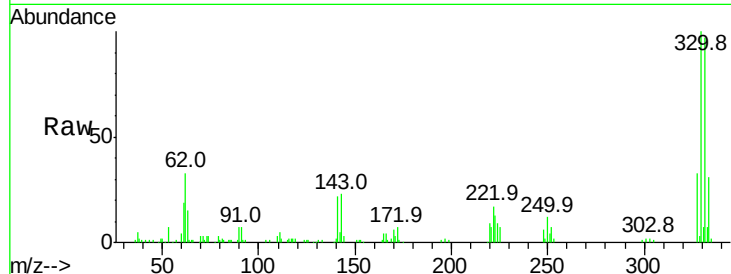




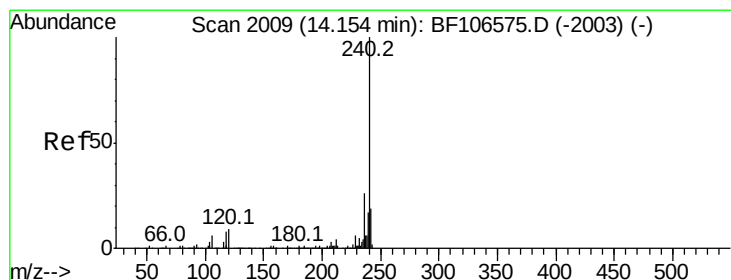
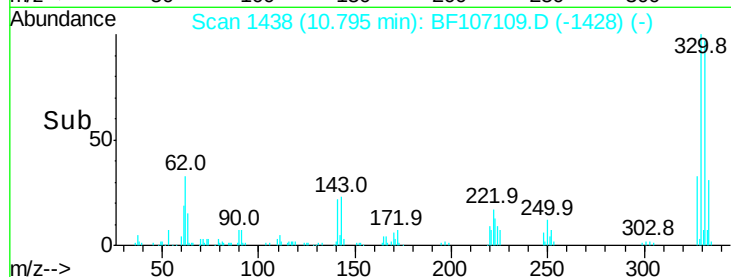
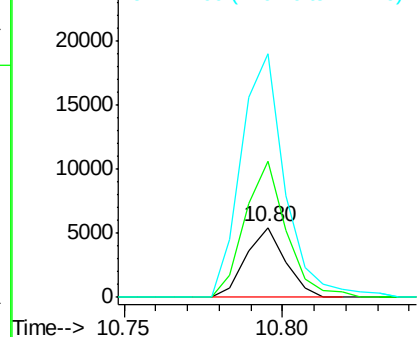
#66
4-Bromophenyl-phenylether
Concen: 2.545 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107109.D
Acq: 4 Jul 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 4692
Ion Ratio Lower Upper
248 100
250 193.7 76.9 115.3#
141 347.9 74.4 111.6#

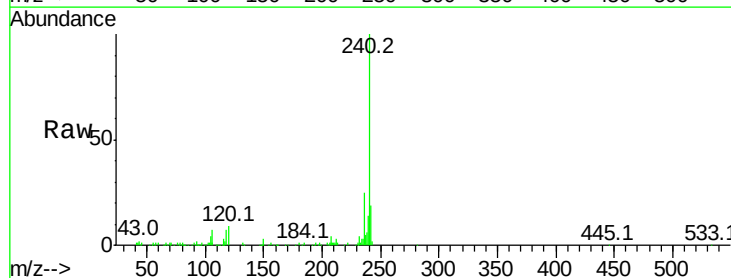


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

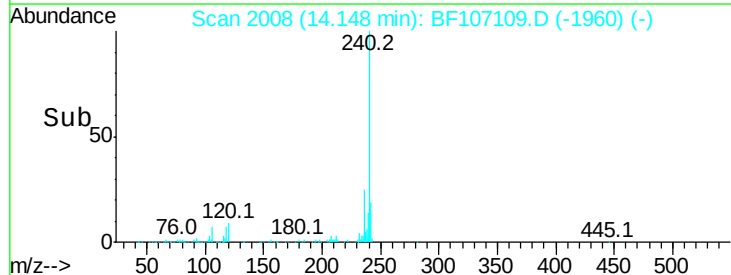
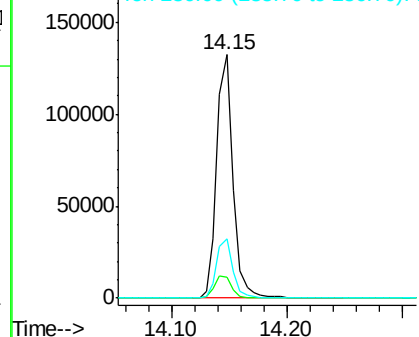


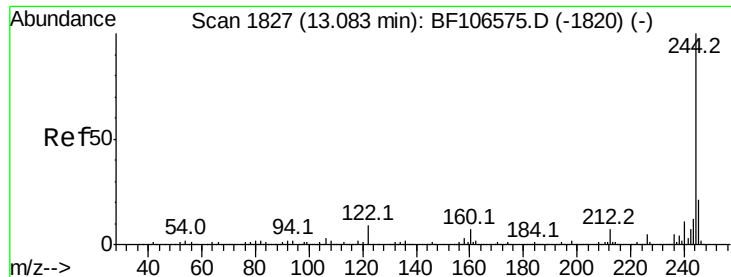
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107109.D
Acq: 4 Jul 2018 4:24

Tgt Ion:240 Resp: 130519
Ion Ratio Lower Upper
240 100
120 8.6 9.5 14.3#
236 24.6 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

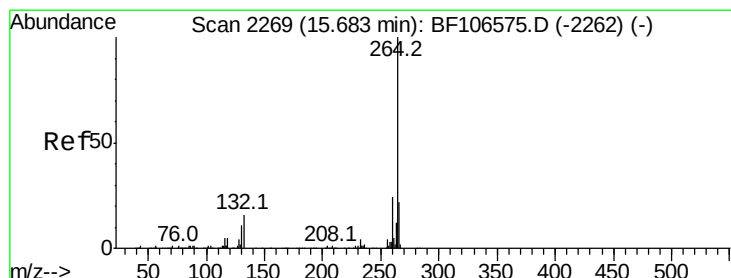
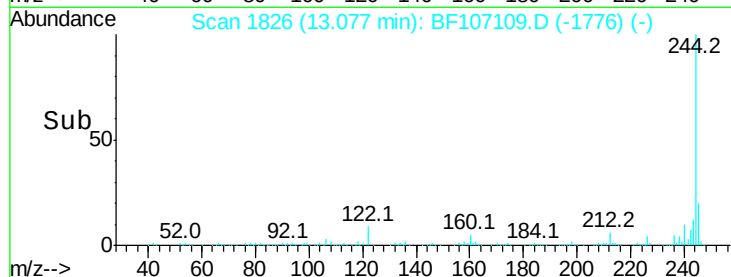
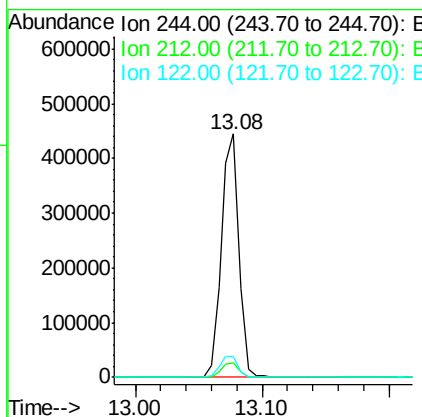
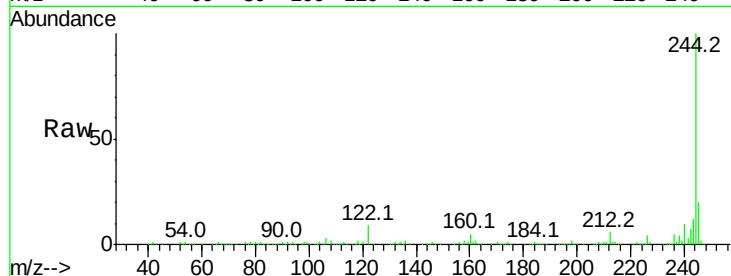




#78
 Terphenyl-d14
 Concen: 79.301 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107109.D
 Acq: 4 Jul 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 427293
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 8.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107109.D
 Acq: 4 Jul 2018 4:24

Tgt Ion:264 Resp: 92975
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.0 17.5 26.3

