

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109536.D
 Acq On : 3 Oct 2018 7:34
 Operator : JU/SJ
 Sample : J5187-15
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 09:12:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

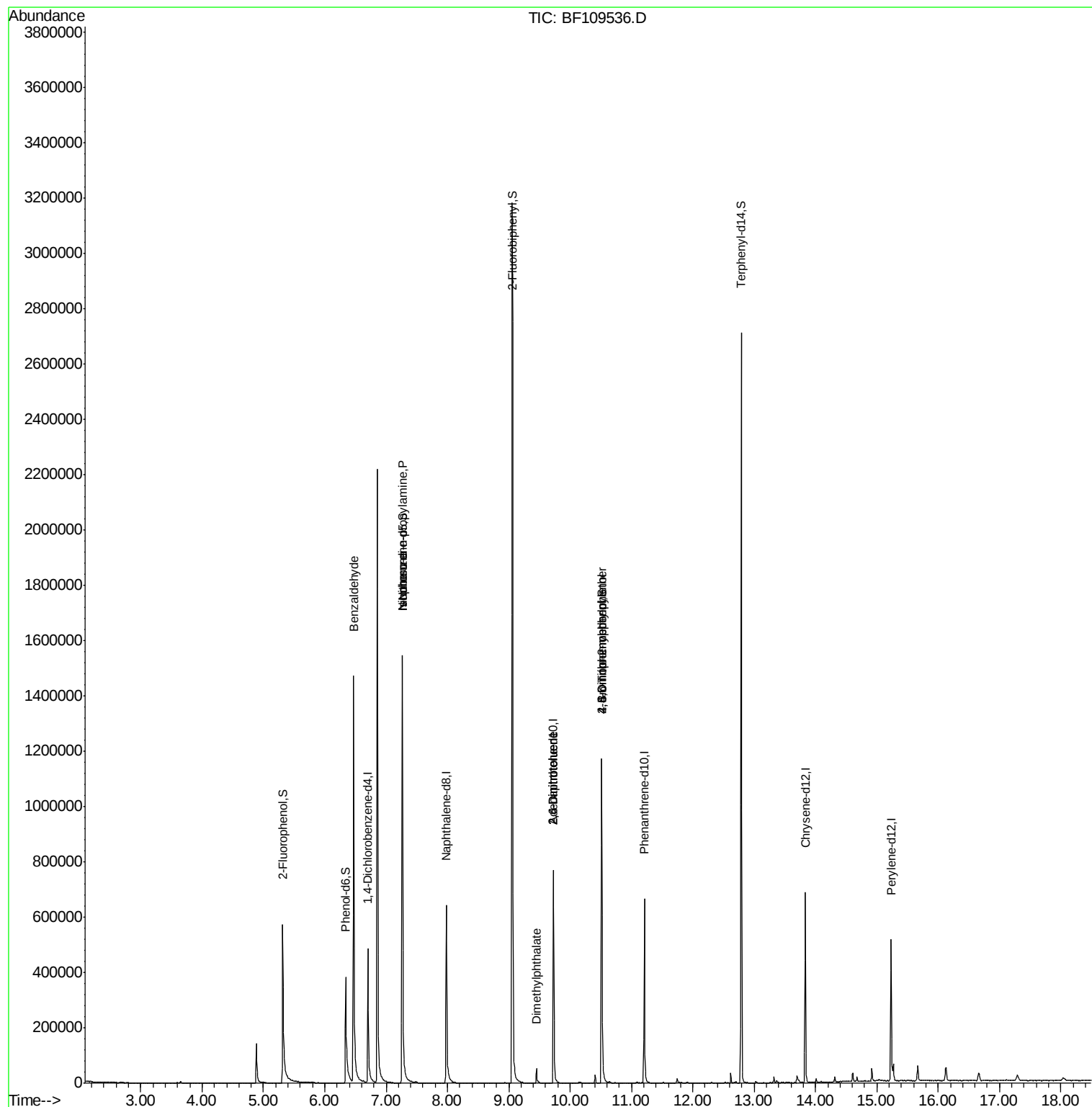
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	100968	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	375943	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	166721	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	286626	20.00	ng	0.00
75) Chrysene-d12	13.83	240	237922	20.00	ng	-0.01
86) Perylene-d12	15.23	264	248351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	241110	39.33	ng	0.00
7) Phenol-d6	6.34	99	203224	25.98	ng	-0.02
23) Nitrobenzene-d5	7.27	82	678932	106.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	159533	97.07	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1171588	105.98	ng	-0.02
78) Terphenyl-d14	12.79	244	959910	99.01	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	11199	2.229	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	90060	17.571	ng	# 75
25) Isophorone	7.27	82	667131	58.173	ng	# 64
49) Dimethylphthalate	9.45	163	30384	2.506	ng	# 98
50) 2,6-Dinitrotoluene	9.73	165	20809	8.665	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	20809	6.848	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	125	6.614	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9289	2.918	ng	# 1

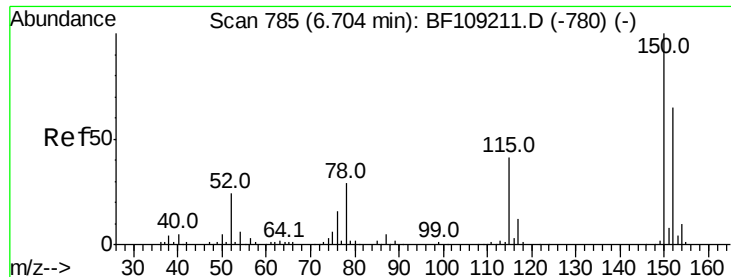
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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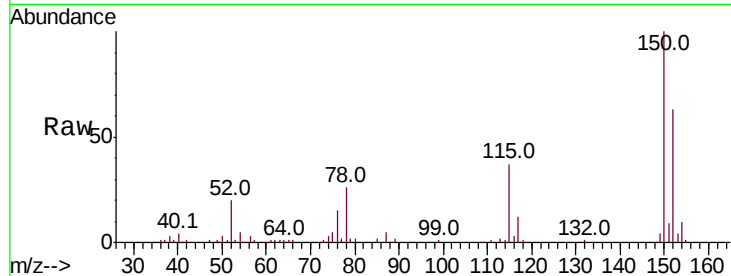


#1

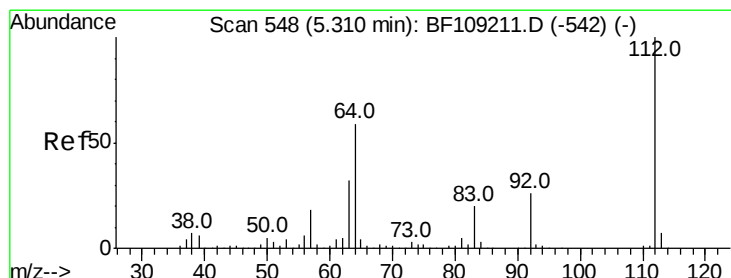
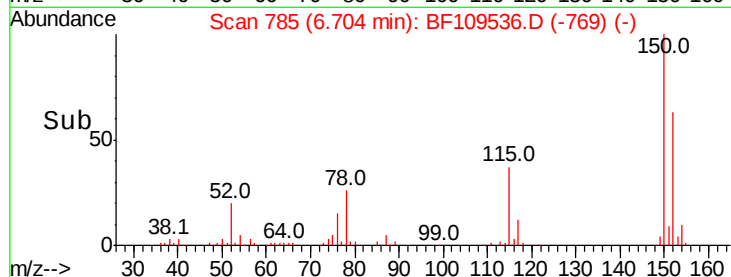
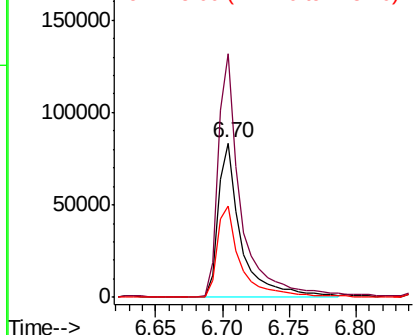
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109536.D
Acq: 3 Oct 2018 7:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100968
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 59.0 50.1 75.1



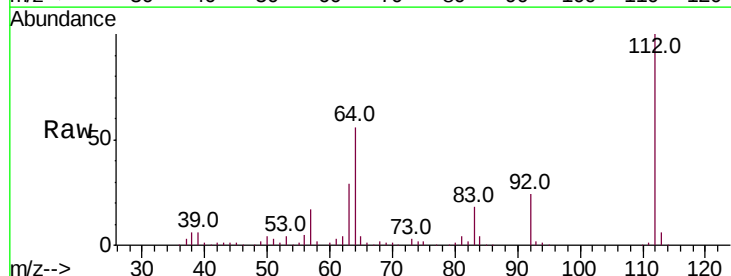
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



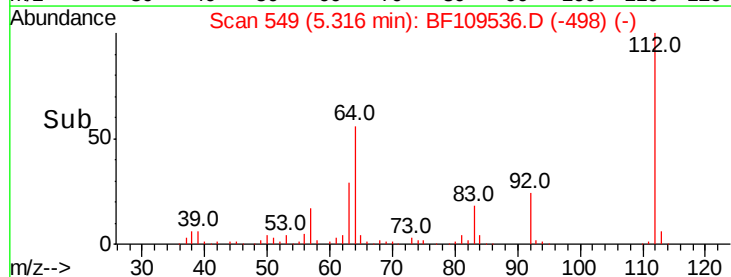
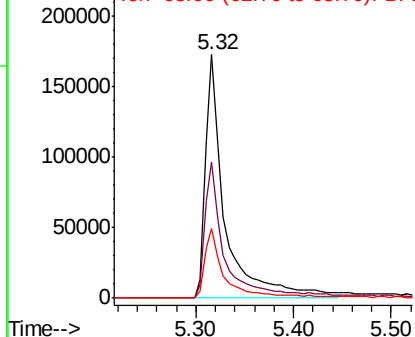
#5

2-Fluorophenol
Concen: 39.332 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109536.D
Acq: 3 Oct 2018 7:34

Tgt Ion:112 Resp: 241110
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 28.8 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: 25.980 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109536.D

Acq: 3 Oct 2018 7:34

Instrument :

BNA_F

ClientSampled :

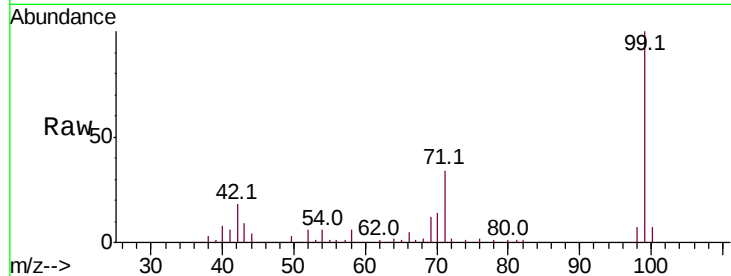
Tot Ion: 99 Resp: 203224

Ion Ratio Lower Upper

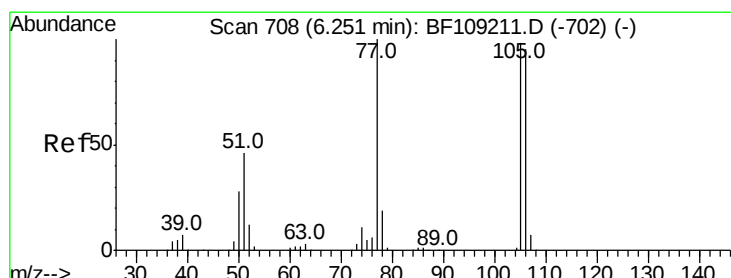
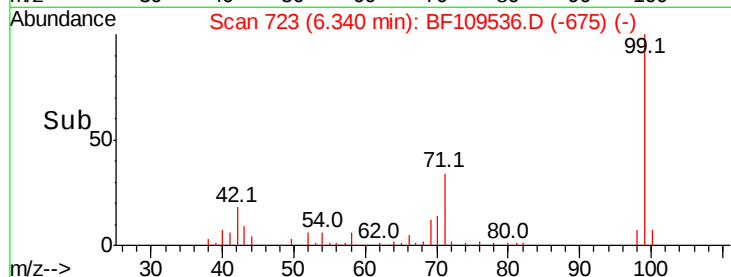
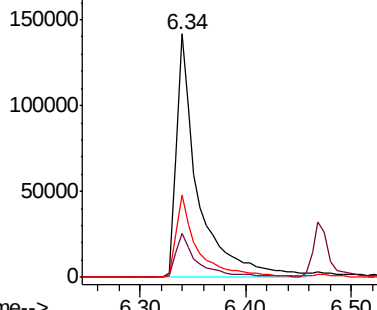
99 100

42 17.9 14.5 21.7

71 33.8 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



#9

Benzaldehyde

Concen: 2.229 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.22 min

Lab File: BF109536.D

Acq: 3 Oct 2018 7:34

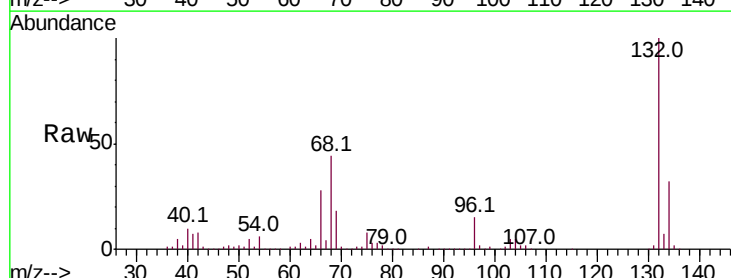
Tgt Ion: 77 Resp: 11199

Ion Ratio Lower Upper

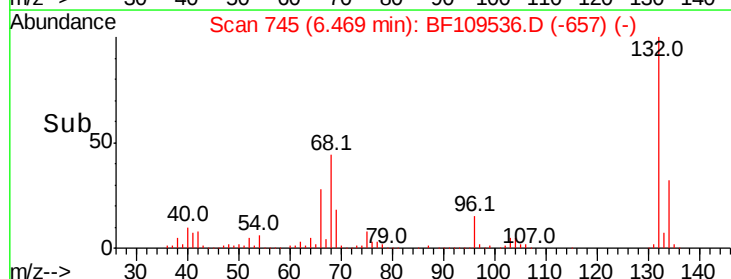
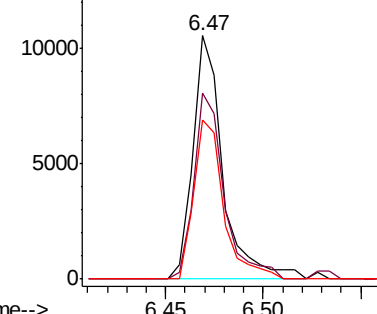
77 100

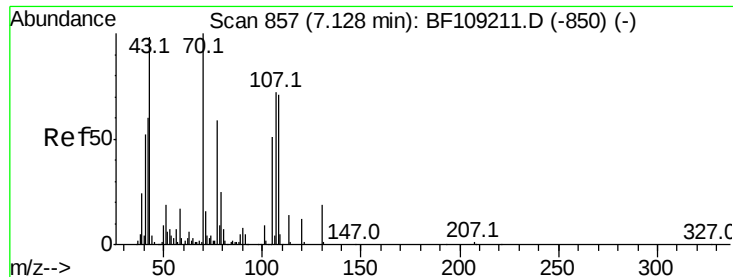
105 76.4 81.1 121.1#

106 65.3 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

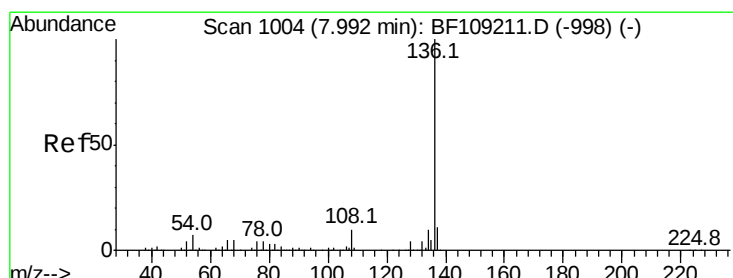
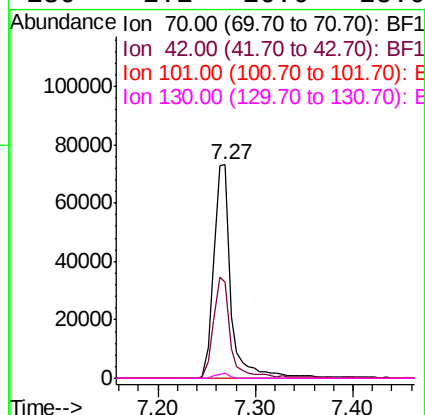
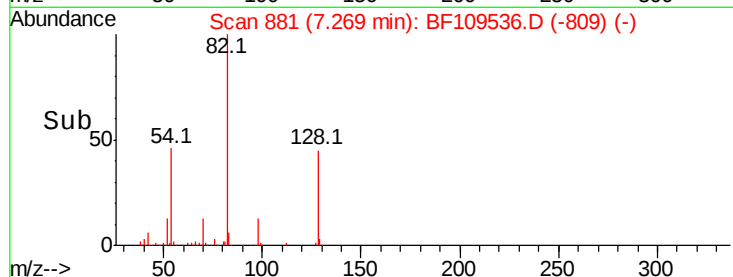
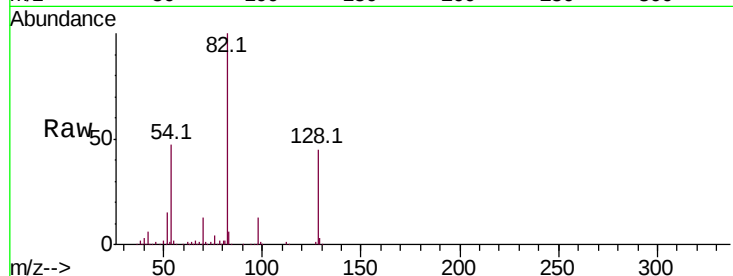




#19
n-Nitroso-di-n-propylamine
Concen: 17.571 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109536.D
Acq: 3 Oct 2018 7:34

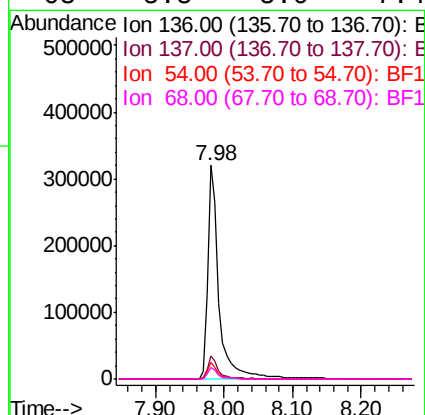
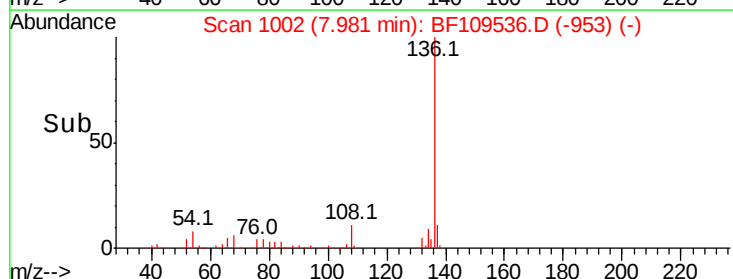
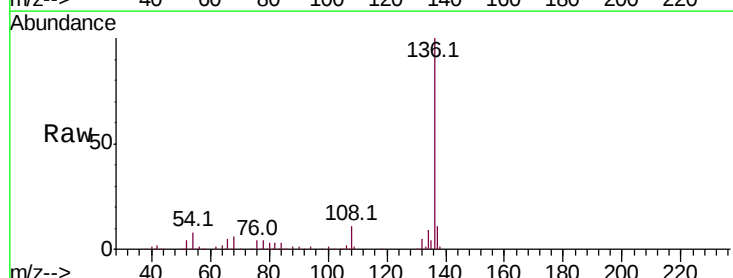
Instrument :
BNA_F
ClientSampleId :

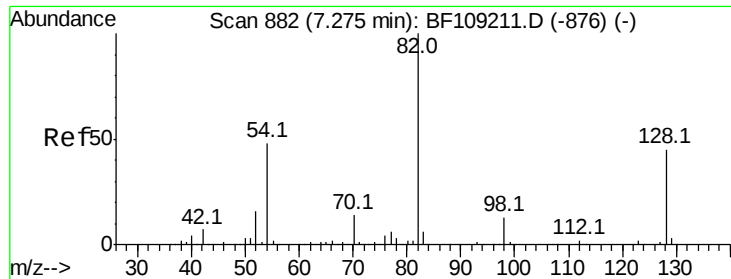
Tot Ion: 70 Resp: 90060
Ion Ratio Lower Upper
70 100
42 45.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109536.D
Acq: 3 Oct 2018 7:34

Tgt Ion:136 Resp: 375943
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.5 6.6 9.8
68 5.5 5.0 7.4

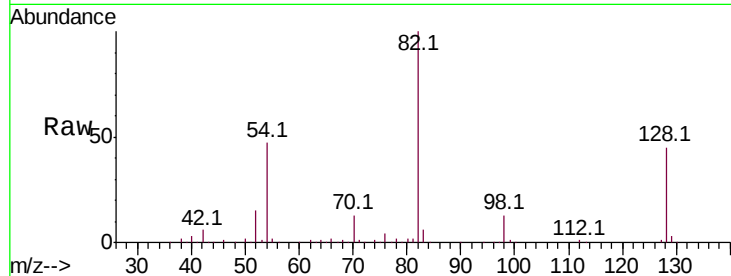




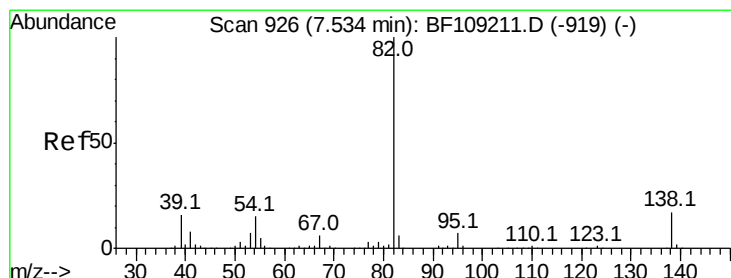
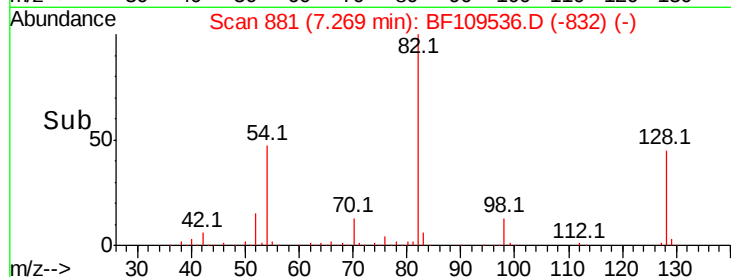
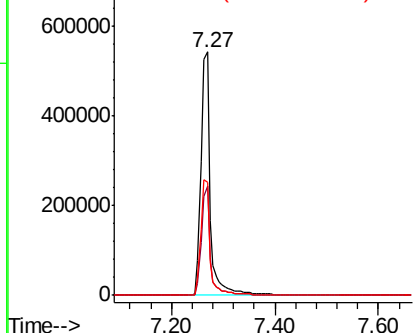
#23
Nitrobenzene-d5
Concen: 106.608 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109536.D
Acq: 3 Oct 2018 7:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	678932
Ion Ratio	Lower	Upper	
82	100		
128	44.9	36.1	54.1
54	46.7	41.4	62.2

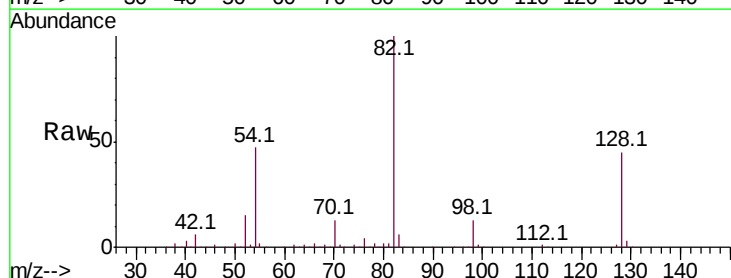


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

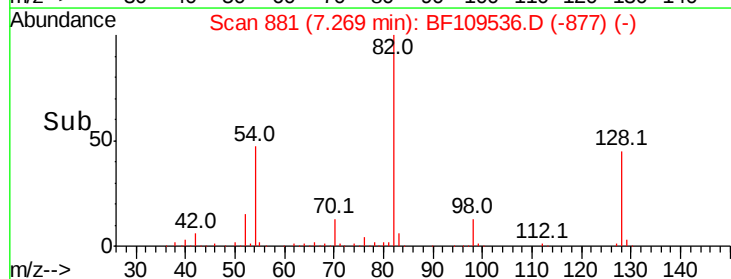
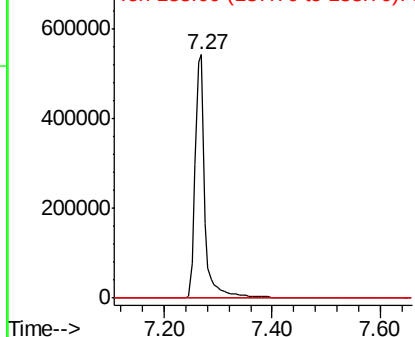


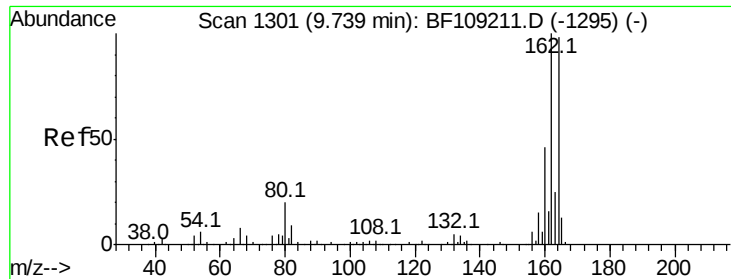
#25
Isophorone
Concen: 58.173 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109536.D
Acq: 3 Oct 2018 7:34

Tgt Ion	82	Resp	667131
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

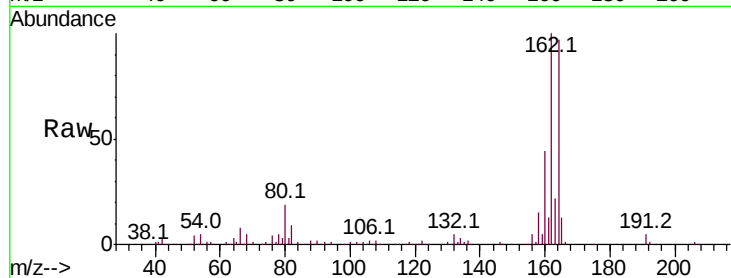




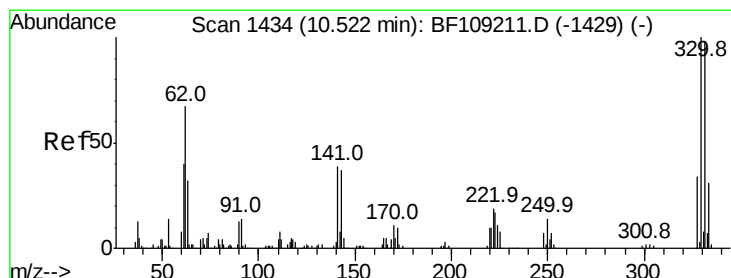
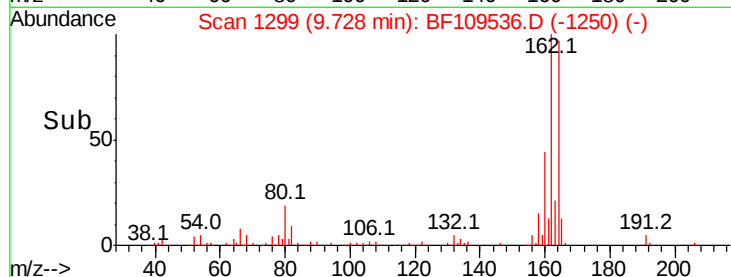
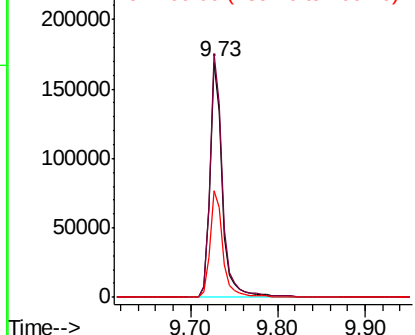
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109536.D
 Acq: 3 Oct 2018 7:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.6	38.3	57.5

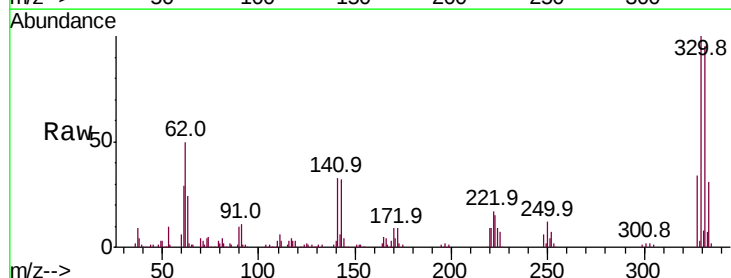


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

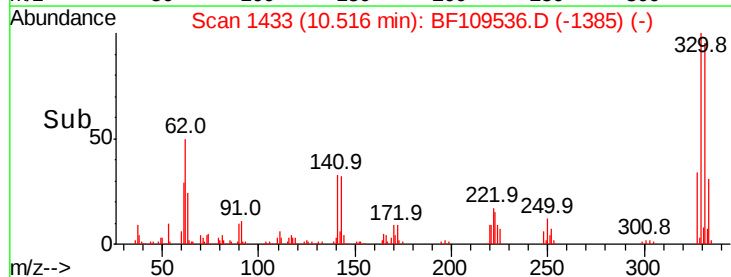
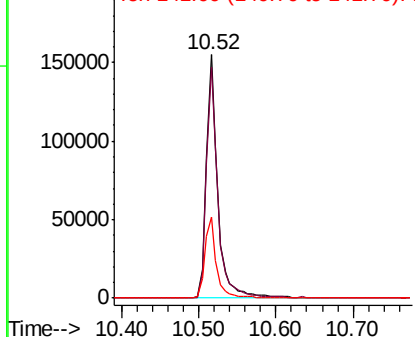


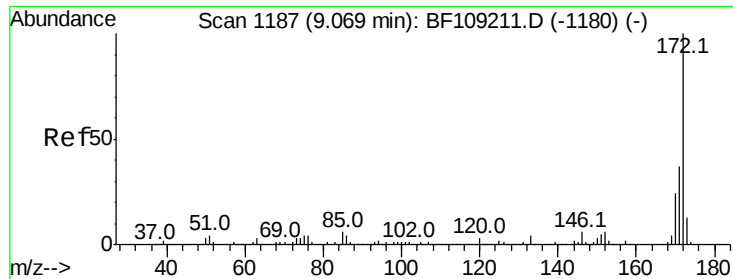
#41
 2,4,6-Tribromophenol
 Concen: 97.068 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109536.D
 Acq: 3 Oct 2018 7:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	34.1	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



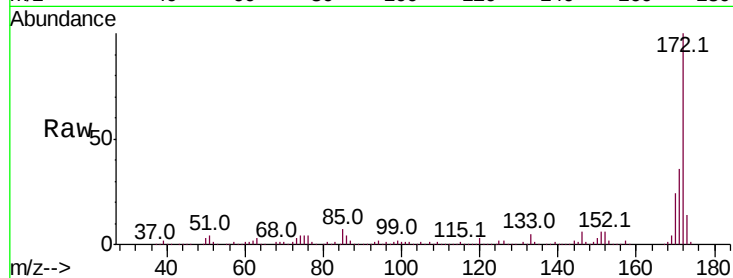


#44
 2-Fluorobiphenyl
 Concen: 105.984 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109536.D
 Acq: 3 Oct 2018 7:34

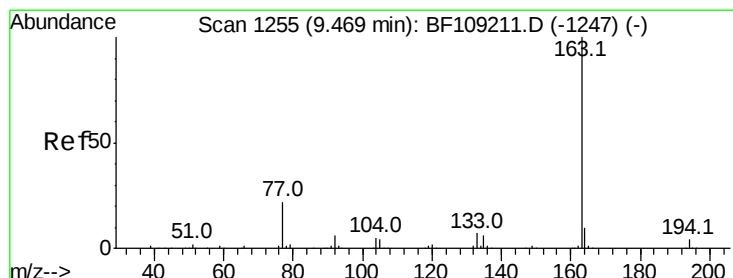
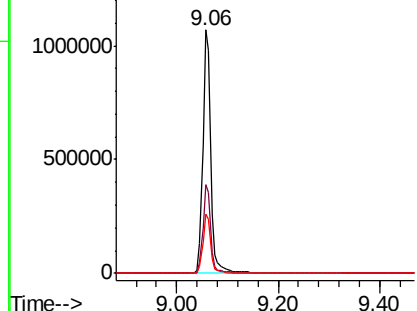
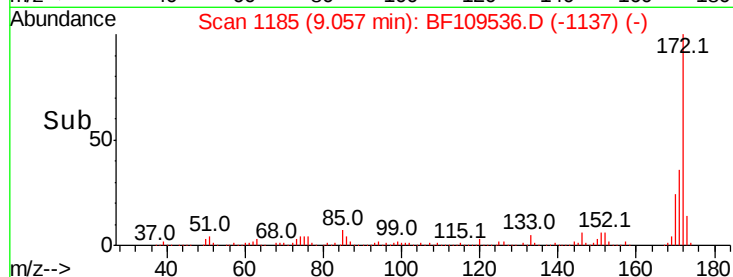
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1171588

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4



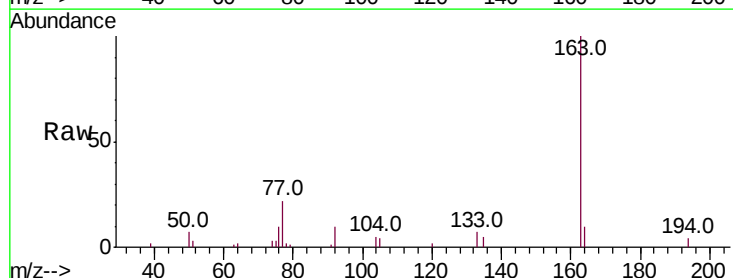
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



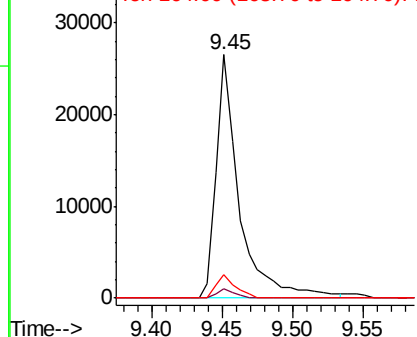
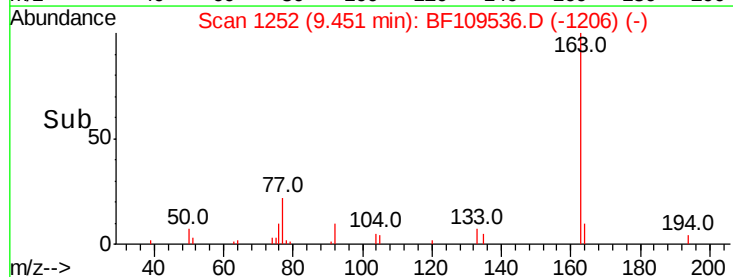
#49
 Dimethylphthalate
 Concen: 2.506 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.03 min
 Lab File: BF109536.D
 Acq: 3 Oct 2018 7:34

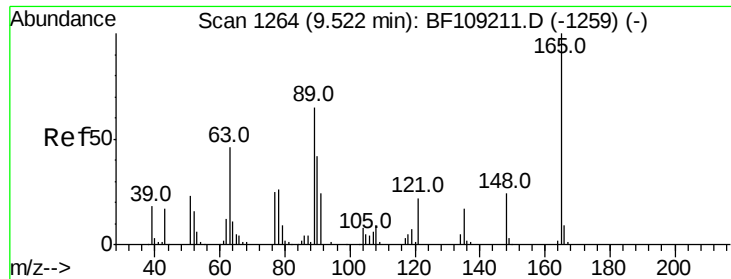
Tgt Ion:163 Resp: 30384

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.5	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

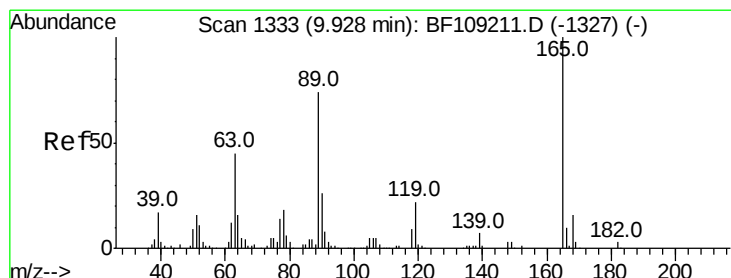
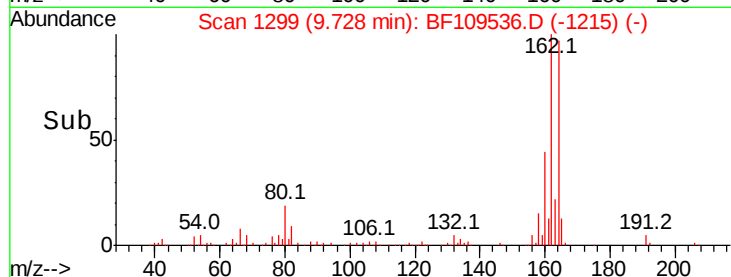
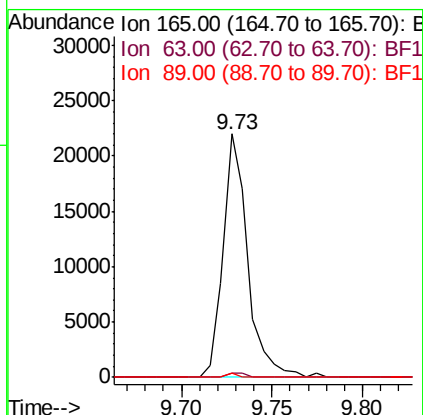
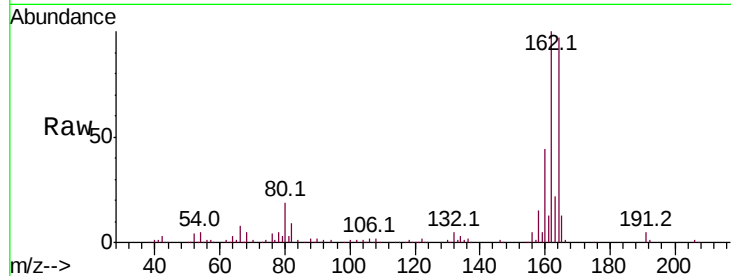




#50
 2,6-Dinitrotoluene
 Concen: 8.665 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF109536.D
 Acq: 3 Oct 2018 7:34

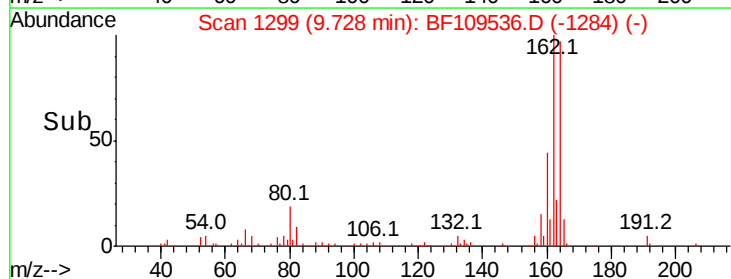
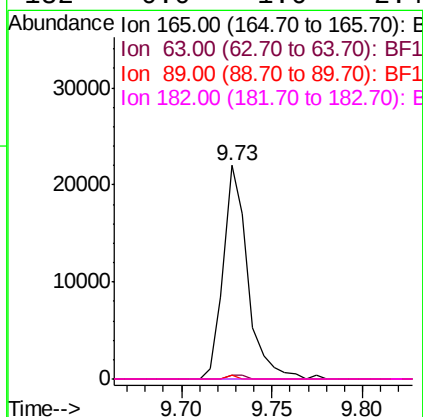
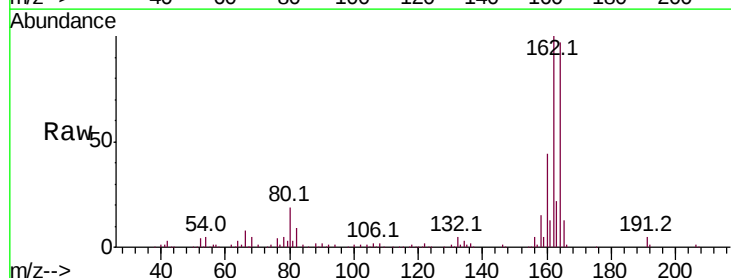
Instrument :
 BNA_F
 ClientSampled :

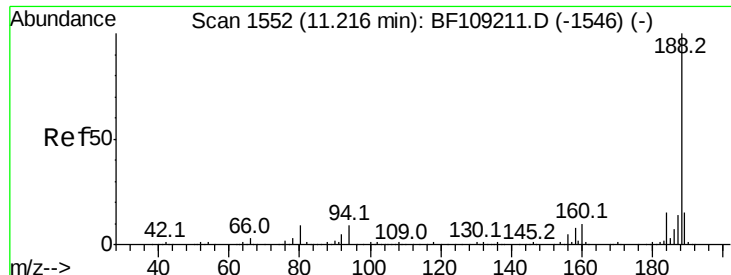
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	2.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.848 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF109536.D
 Acq: 3 Oct 2018 7:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

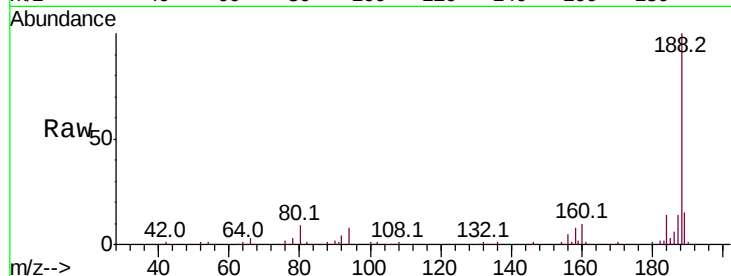




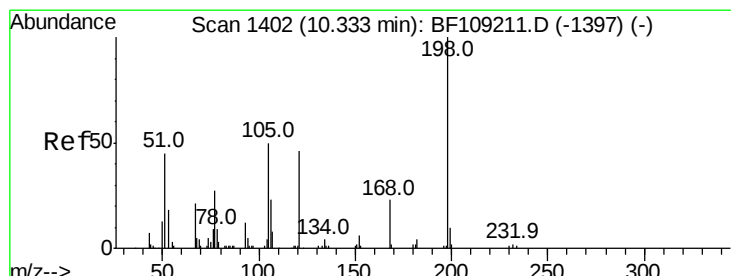
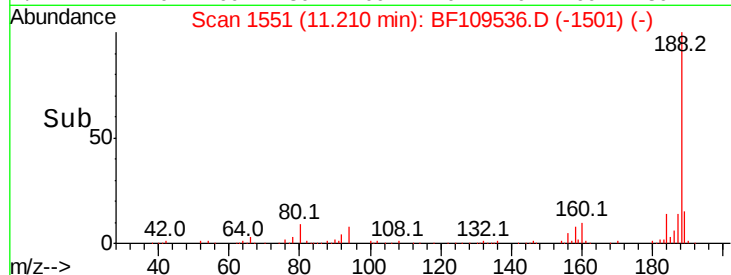
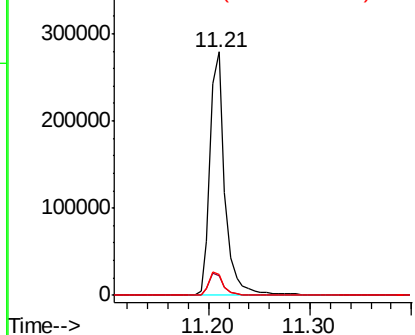
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109536.D
Acq: 3 Oct 2018 7:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 286626
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 8.6 9.2 13.8#

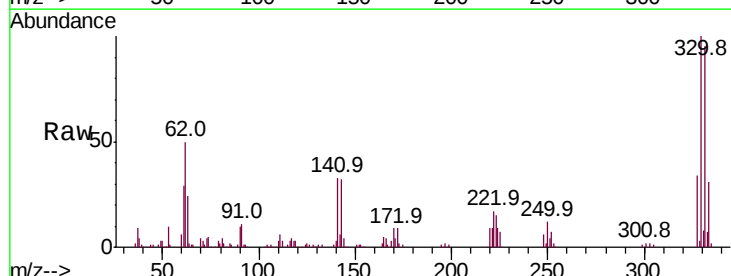


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

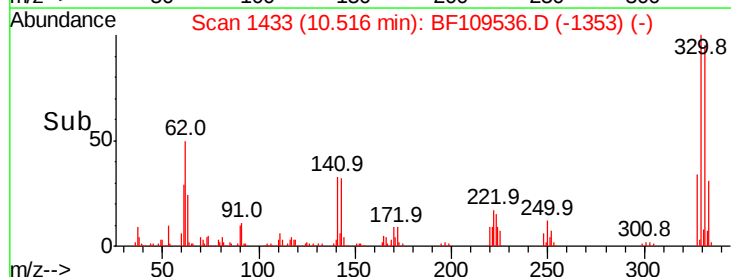
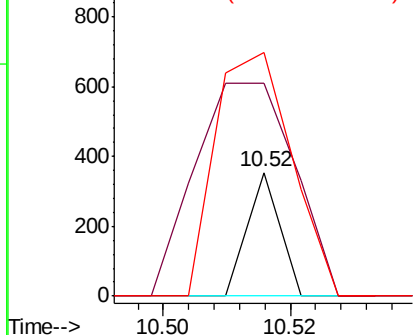


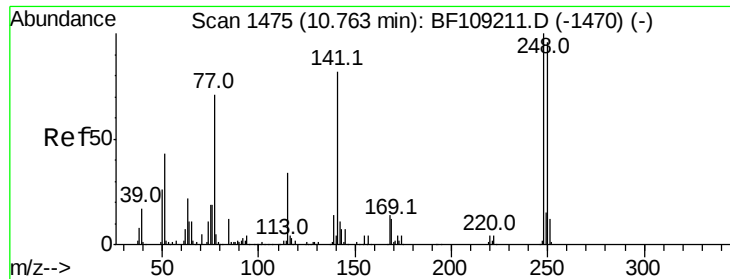
#64
4,6-Dinitro-2-methylphenol
Concen: 6.614 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109536.D
Acq: 3 Oct 2018 7:34

Tgt Ion:198 Resp: 125
Ion Ratio Lower Upper
198 100
51 172.0 37.7 77.7#
105 197.2 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

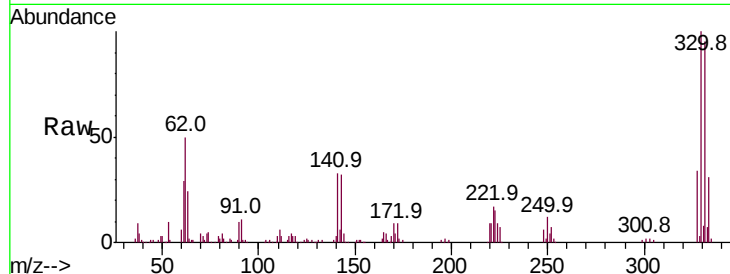




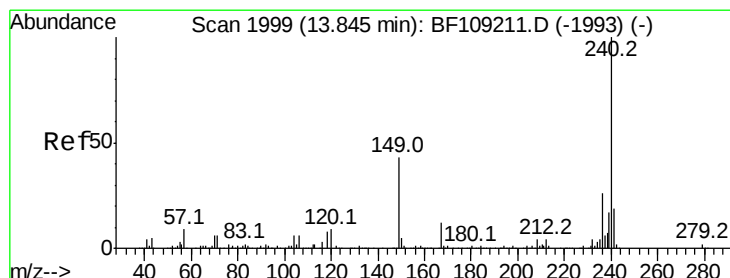
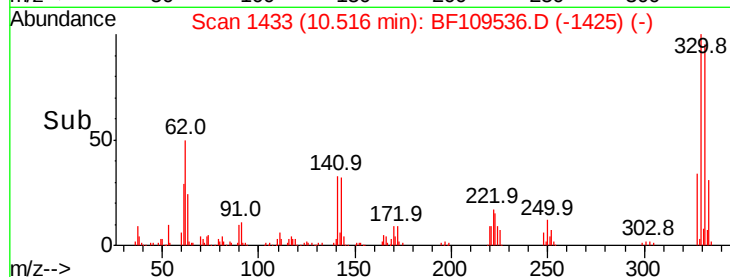
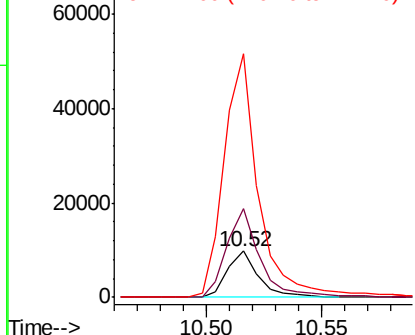
#66
 4-Bromophenyl-phenylether
 Concen: 2.918 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF109536.D
 Acq: 3 Oct 2018 7:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9289
 Ion Ratio Lower Upper
 248 100
 250 192.8 76.9 115.3#
 141 526.7 74.4 111.6#

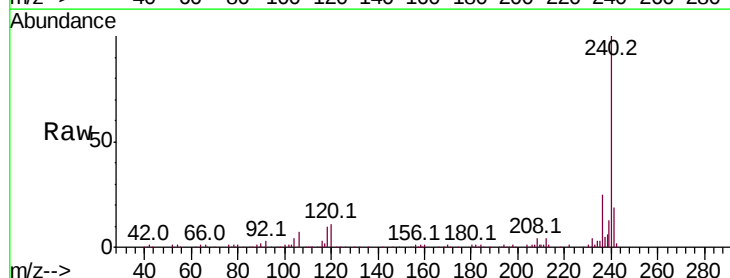


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

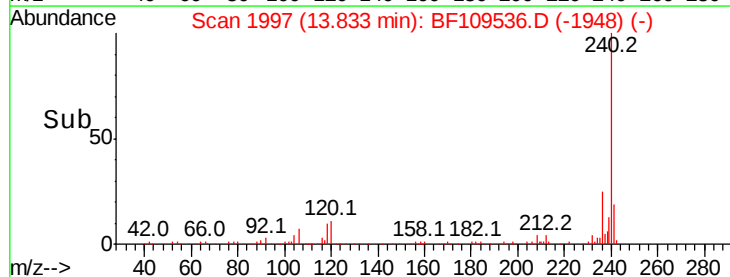
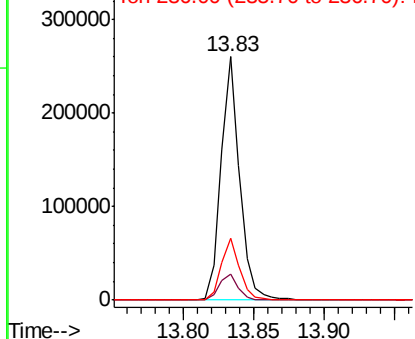


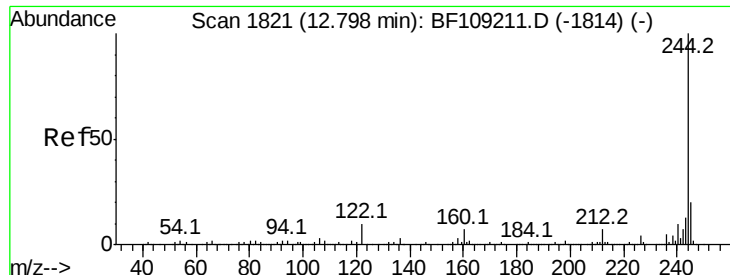
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF109536.D
 Acq: 3 Oct 2018 7:34

Tgt Ion:240 Resp: 237922
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 25.4 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

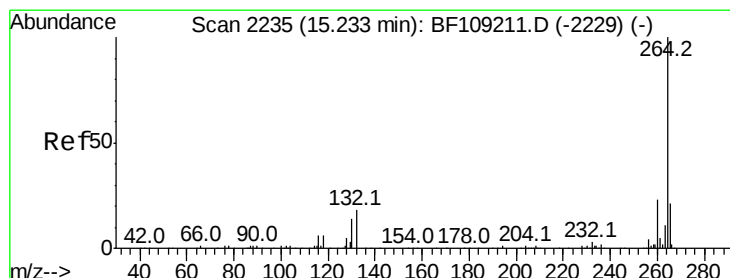
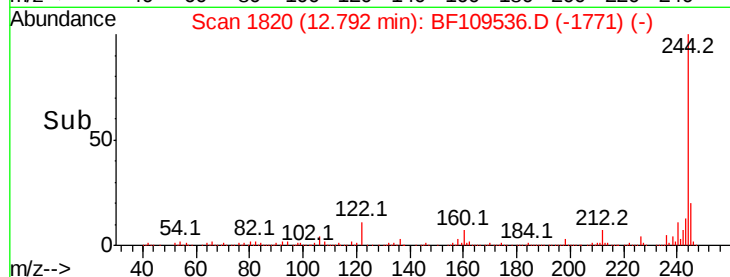
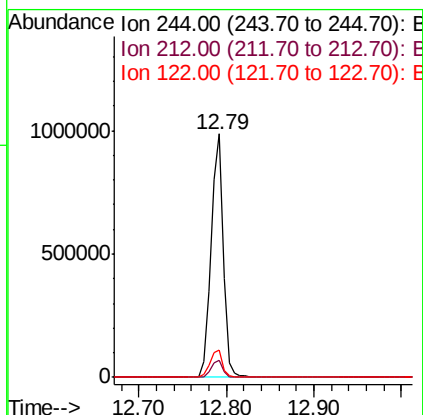
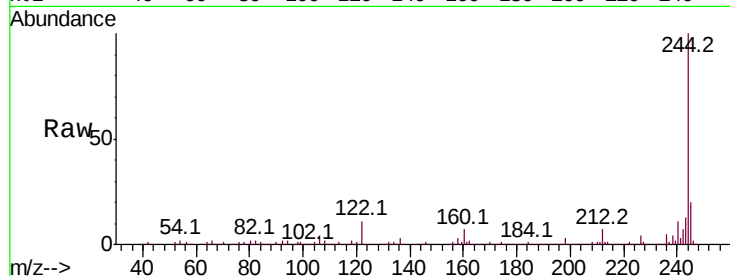




#78
 Terphenyl-d14
 Concen: 99.015 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109536.D
 Acq: 3 Oct 2018 7:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 959910
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 11.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF109536.D
 Acq: 3 Oct 2018 7:34

Tgt Ion:264 Resp: 248351
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.2 17.5 26.3

