

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109335.D
 Acq On : 26 Sep 2018 14:43
 Operator : JU/SJ
 Sample : J5069-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 16:12:16 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

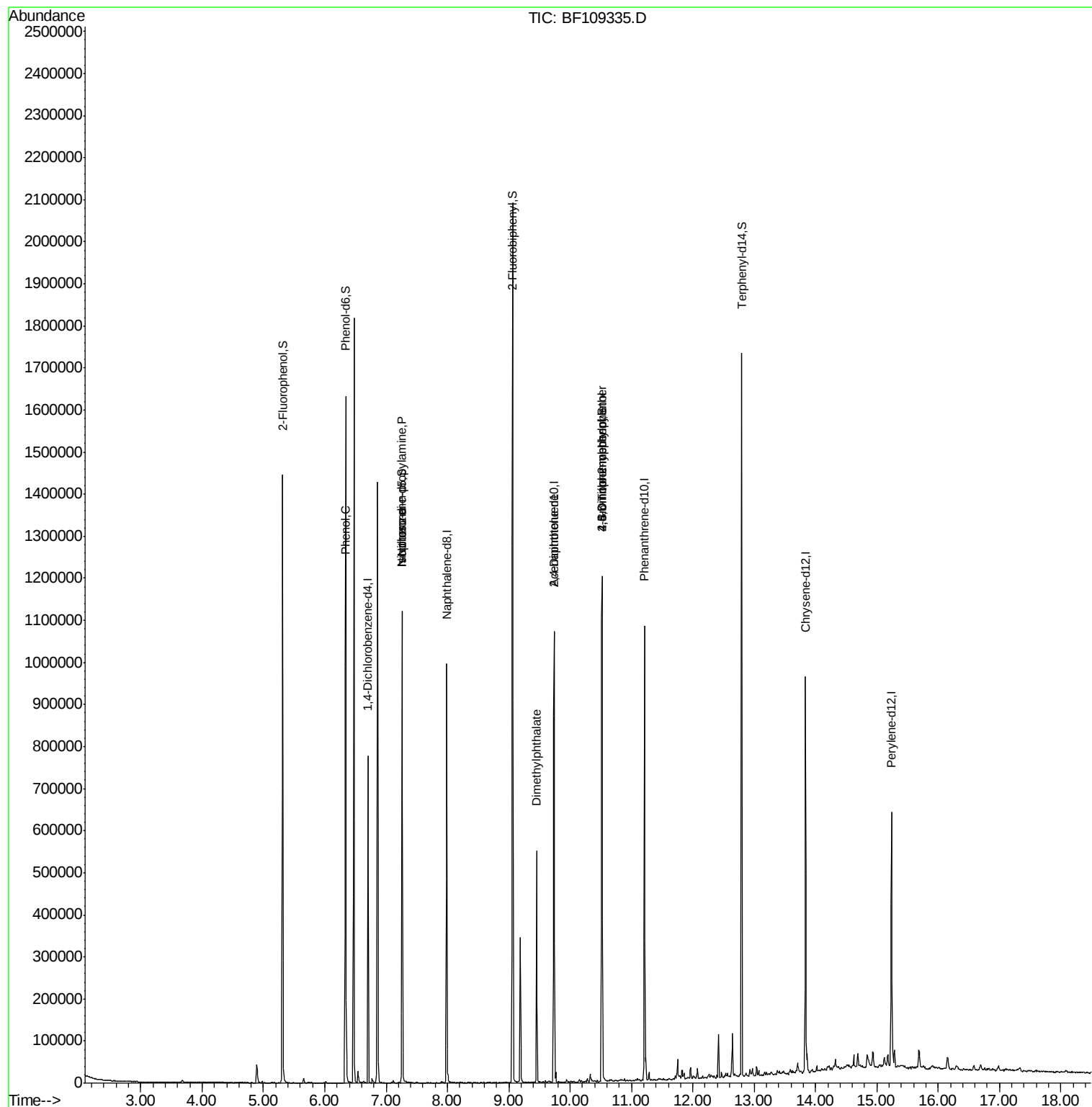
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103871	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	405121	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	197753	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	397284	20.00	ng	0.00
75) Chrysene-d12	13.84	240	288338	20.00	ng	0.00
86) Perylene-d12	15.24	264	266662	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	419453	66.51	ng	0.00
7) Phenol-d6	6.34	99	547582	68.05	ng	-0.02
23) Nitrobenzene-d5	7.26	82	333903	48.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	146029	74.91	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	592943	45.22	ng	-0.01
78) Terphenyl-d14	12.80	244	602931	51.32	ng	0.00
Target Compounds						
10) Phenol	6.35	94	22477	2.466	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	44545	8.448	ng	# 77
25) Isophorone	7.26	82	312164	25.260	ng	# 64
49) Dimethylphthalate	9.46	163	196083	13.633	ng	# 99
56) 2,4-Dinitrotoluene	9.74	165	24916	6.913	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	297	6.681	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9131	2.070	ng	# 1

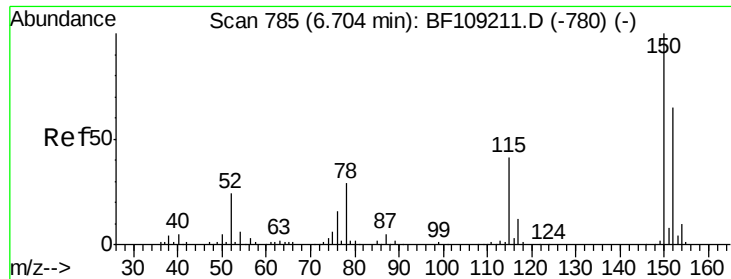
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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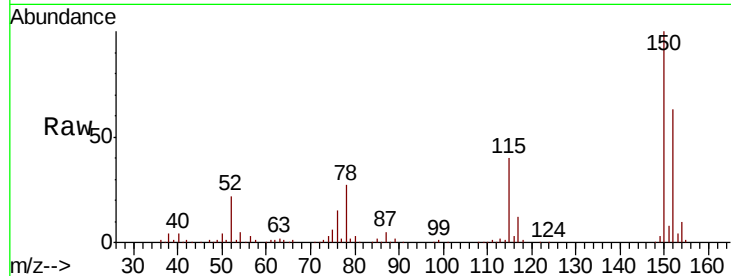


#1

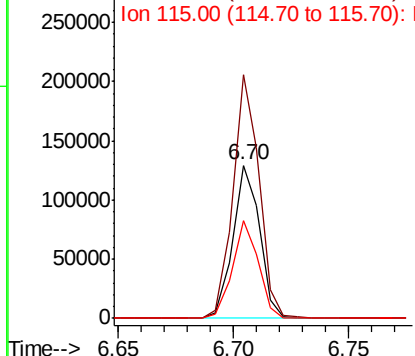
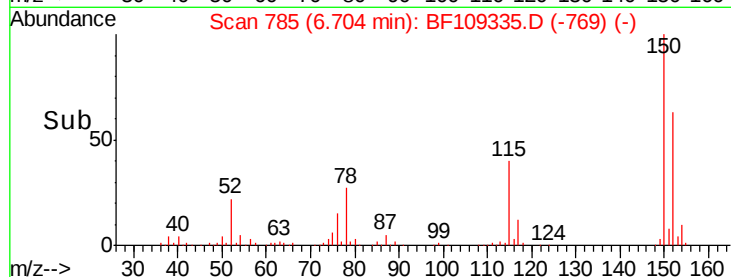
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109335.D
 Acq: 26 Sep 2018 14:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 103871
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.6 186.8
 115 63.5 50.1 75.1



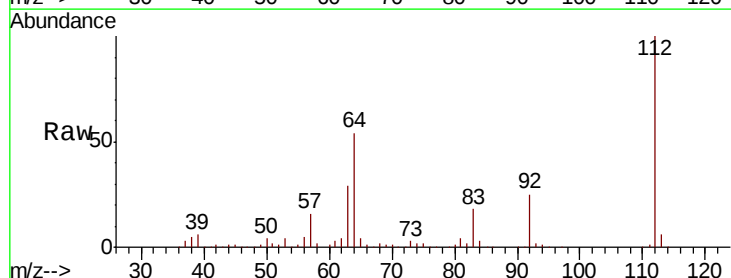
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



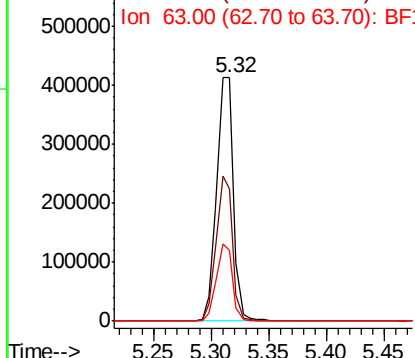
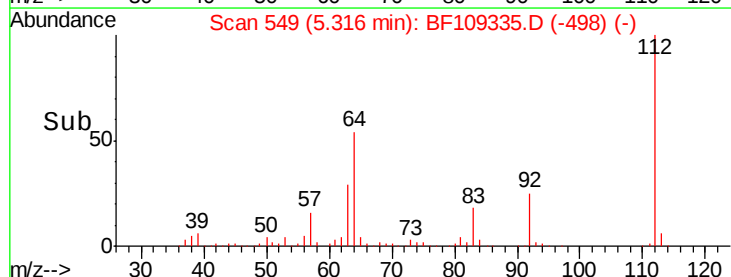
#5

2-Fluorophenol
 Concen: 66.512 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109335.D
 Acq: 26 Sep 2018 14:43

Tgt Ion:112 Resp: 419453
 Ion Ratio Lower Upper
 112 100
 64 54.1 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: 68.046 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109335.D

Acq: 26 Sep 2018 14:43

Instrument :

BNA_F

ClientSampleId :

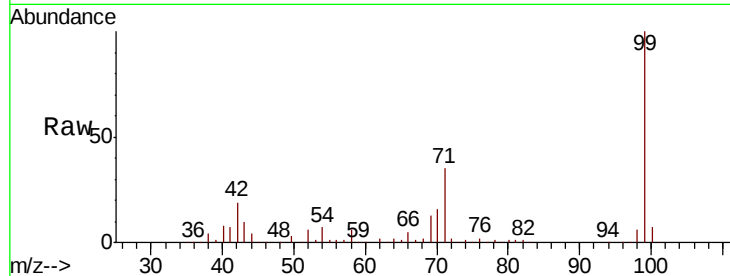
Tot Ion: 99 Resp: 547582

Ion Ratio Lower Upper

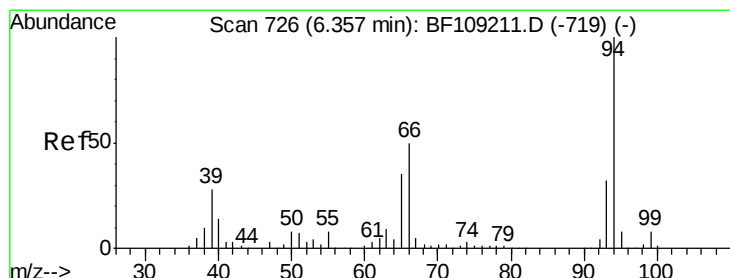
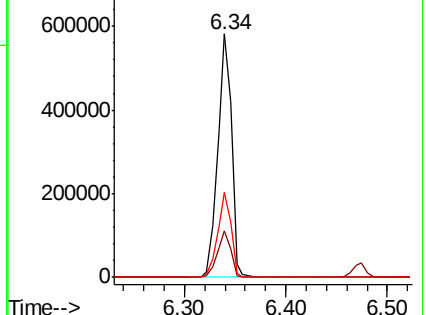
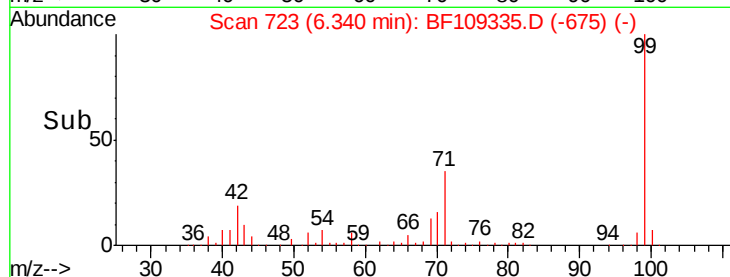
99 100

42 19.1 14.5 21.7

71 35.1 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



#10

Phenol

Concen: 2.466 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109335.D

Acq: 26 Sep 2018 14:43

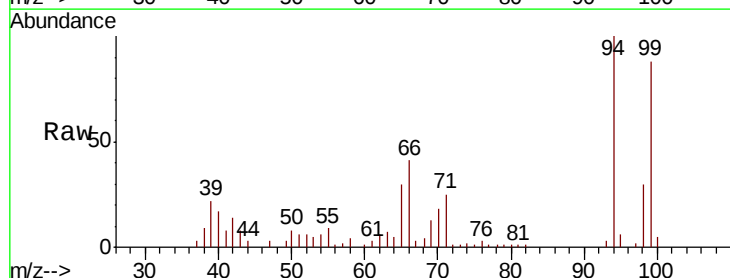
Tgt Ion: 94 Resp: 22477

Ion Ratio Lower Upper

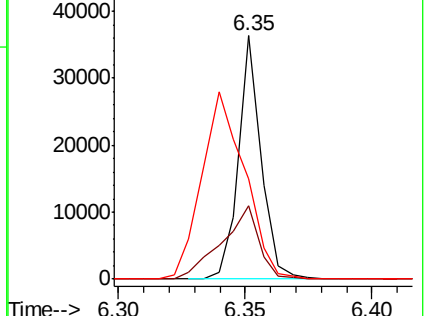
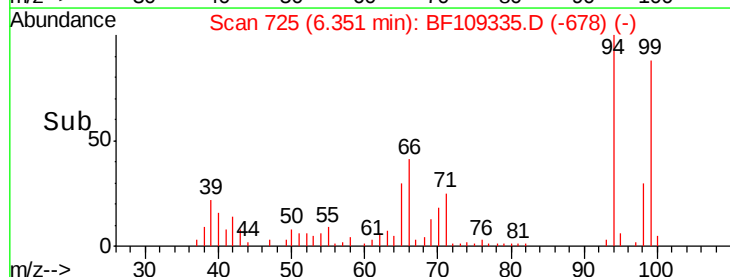
94 100

65 30.3 7.9 47.9

66 41.1 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

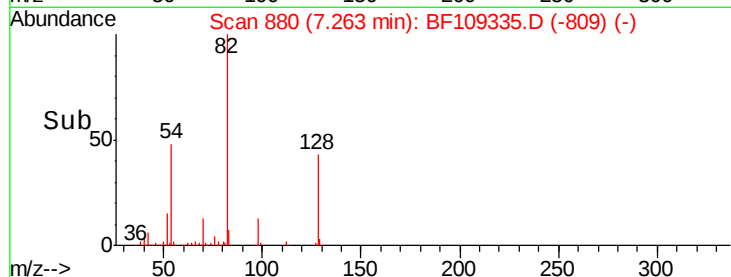
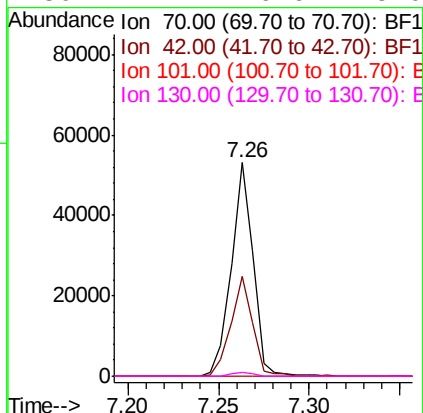
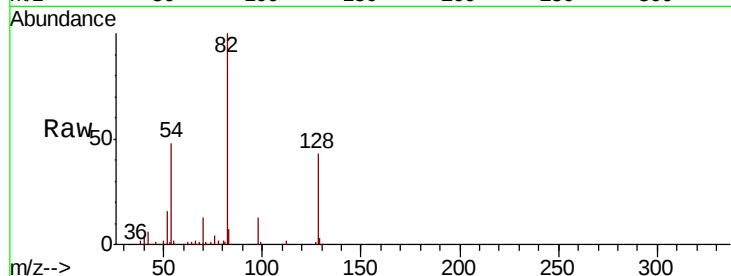




#19
n-Nitroso-di-n-propylamine
Concen: 8.448 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109335.D
Acq: 26 Sep 2018 14:43

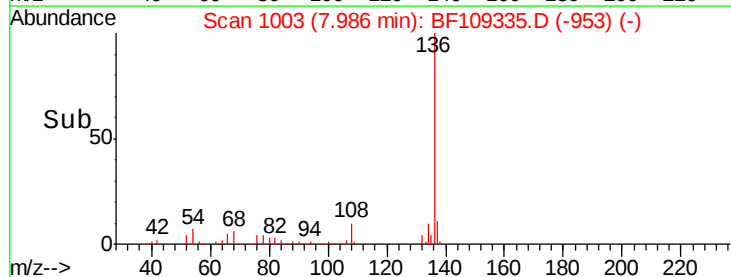
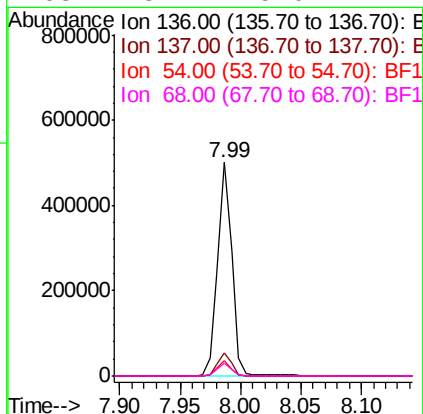
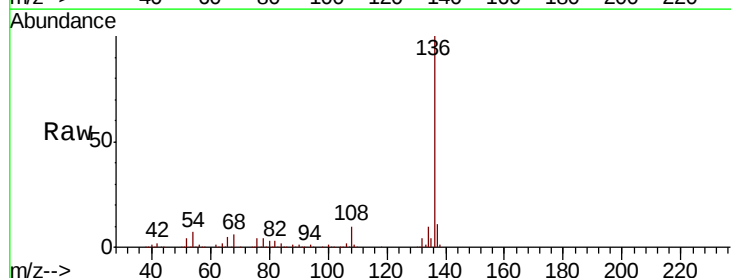
Instrument :
BNA_F
ClientSampleId :

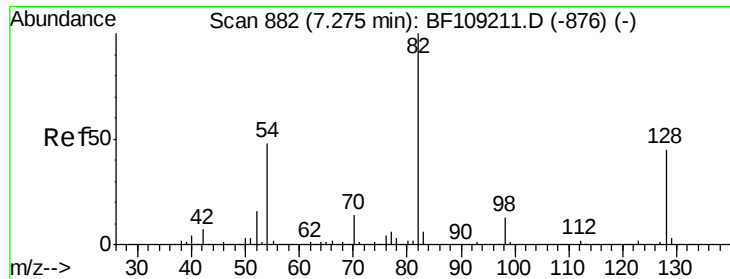
Tot Ion: 70 Resp: 44545
Ion Ratio Lower Upper
70 100
42 46.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109335.D
Acq: 26 Sep 2018 14:43

Tgt Ion: 136 Resp: 405121
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.0 6.6 9.8
68 5.7 5.0 7.4

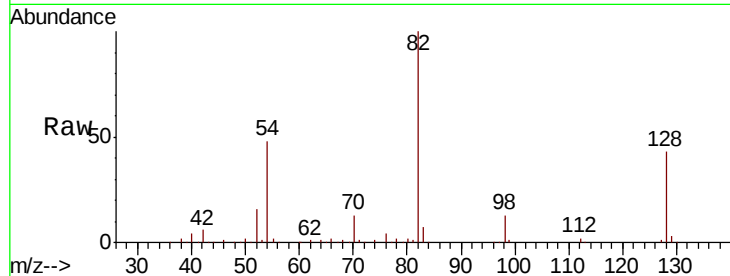




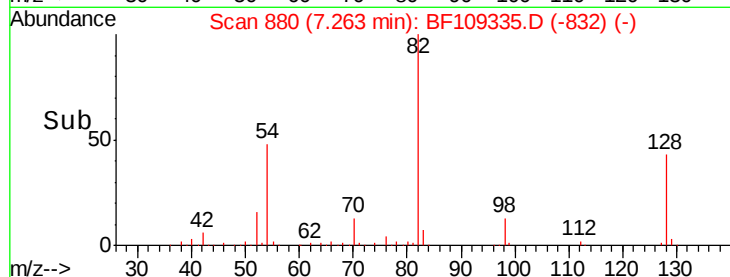
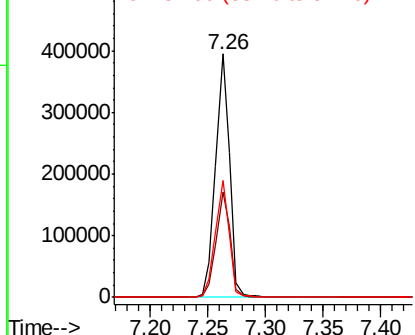
#23
 Nitrobenzene-d5
 Concen: 48.654 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109335.D
 Acq: 26 Sep 2018 14:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 333903
 Ion Ratio Lower Upper
 82 100
 128 43.0 36.1 54.1
 54 47.9 41.4 62.2

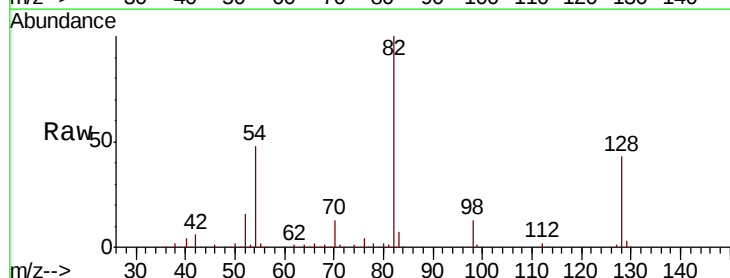


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

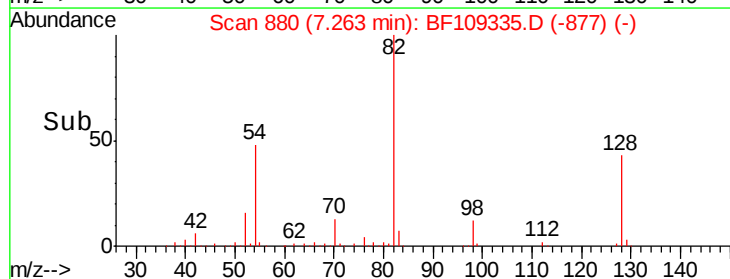
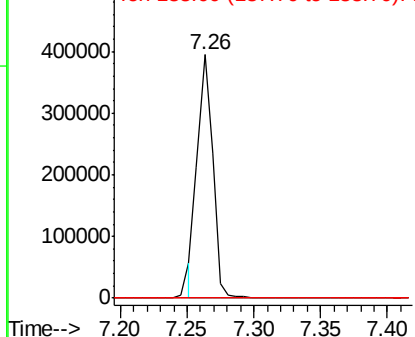


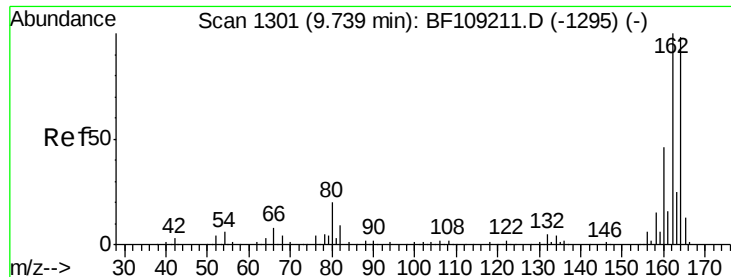
#25
 Isophorone
 Concen: 25.260 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF109335.D
 Acq: 26 Sep 2018 14:43

Tgt Ion: 82 Resp: 312164
 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

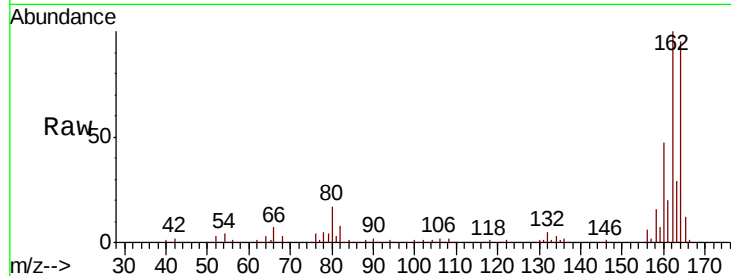




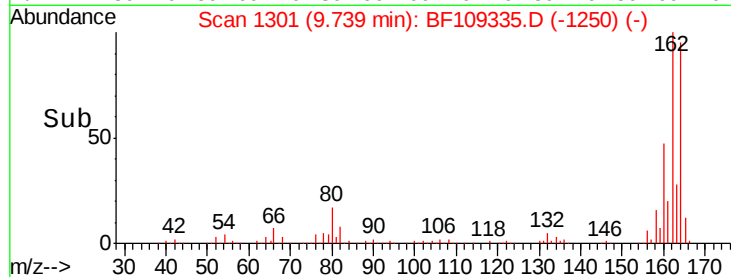
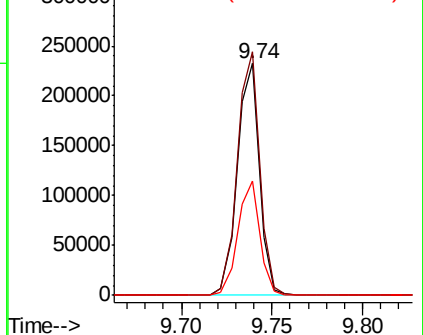
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109335.D
Acq: 26 Sep 2018 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 197753
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 49.1 38.3 57.5

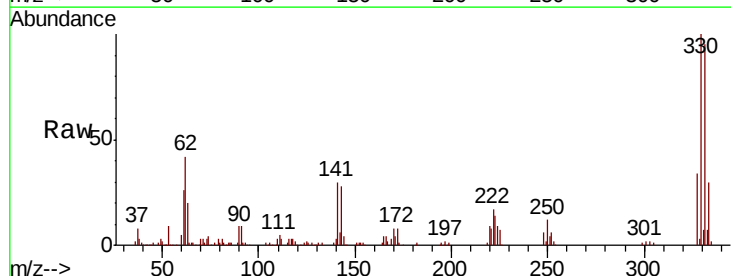


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

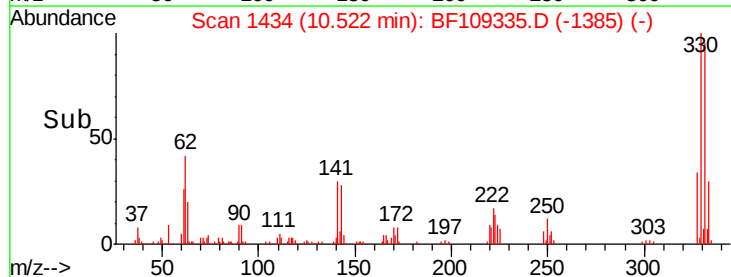
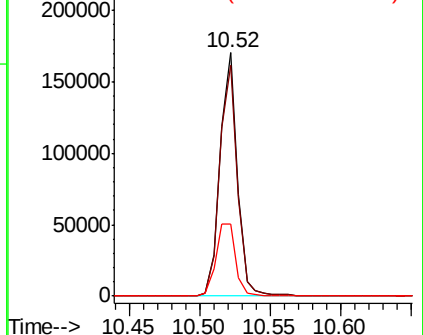


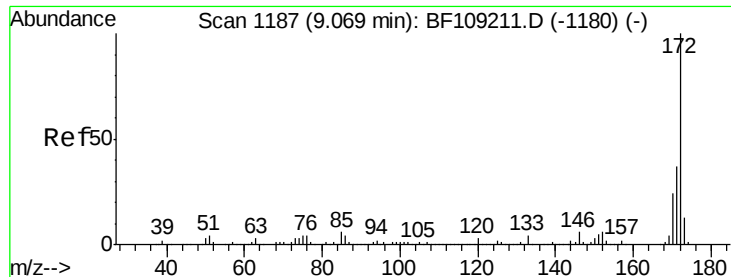
#41
2,4,6-Tribromophenol
Concen: 74.908 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109335.D
Acq: 26 Sep 2018 14:43

Tgt Ion:330 Resp: 146029
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 33.9 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

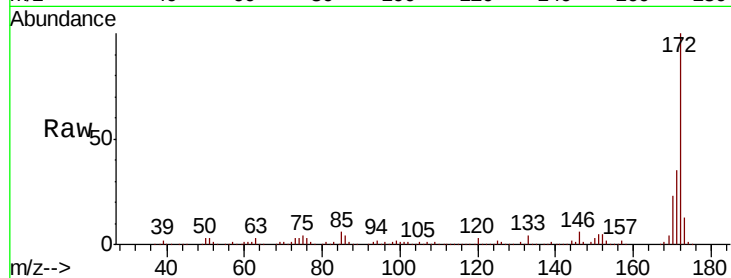




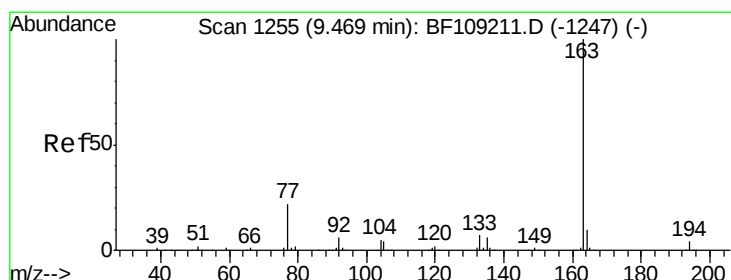
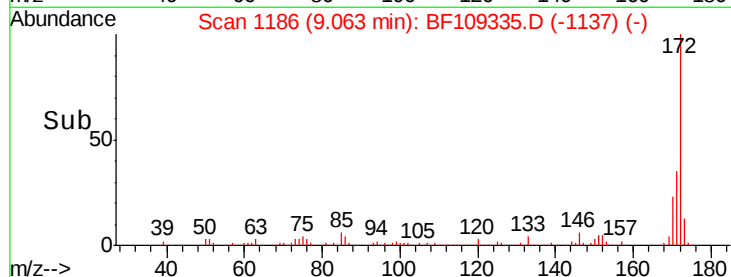
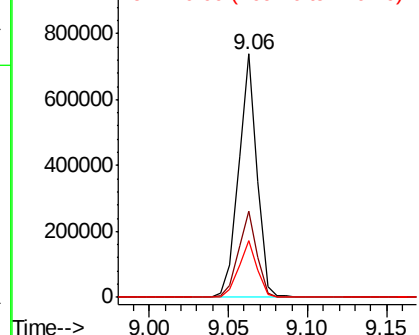
#44
2-Fluorobiphenyl
Concen: 45.222 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109335.D
Acq: 26 Sep 2018 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.2	19.6	29.4

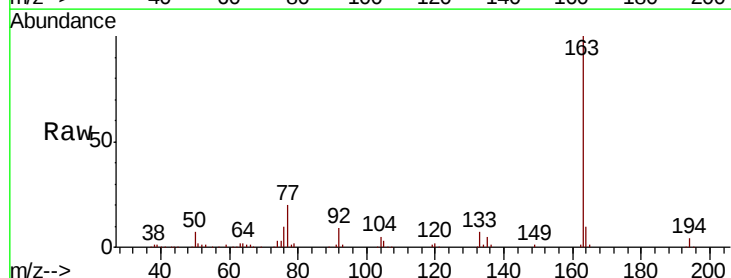


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

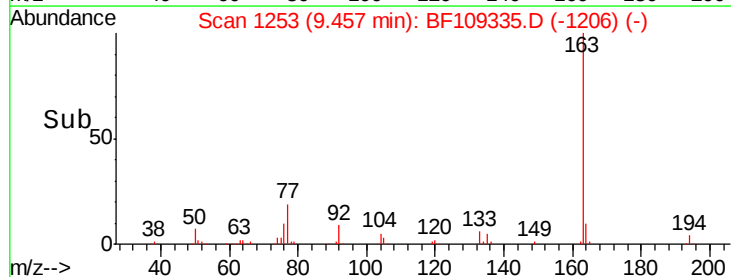
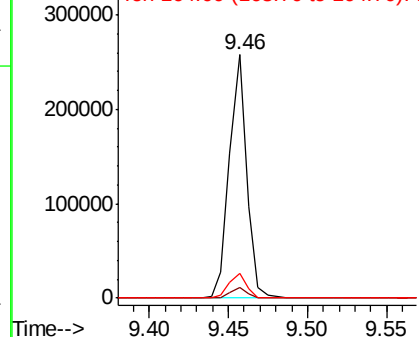


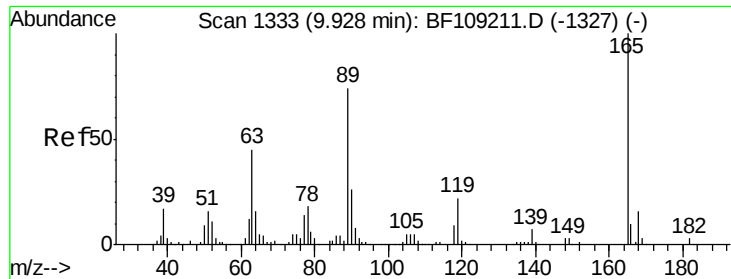
#49
Dimethylphthalate
Concen: 13.633 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109335.D
Acq: 26 Sep 2018 14:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.2	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

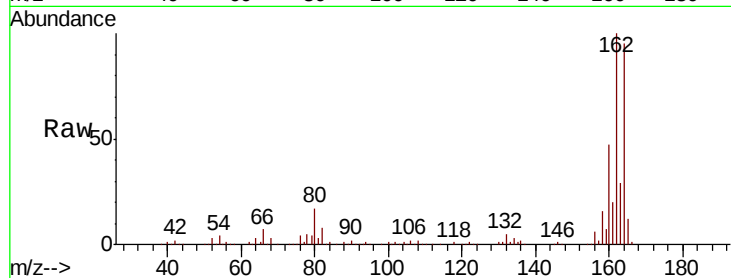




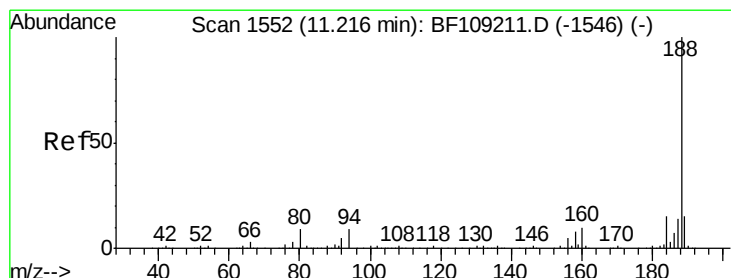
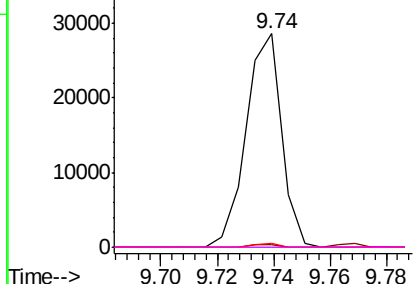
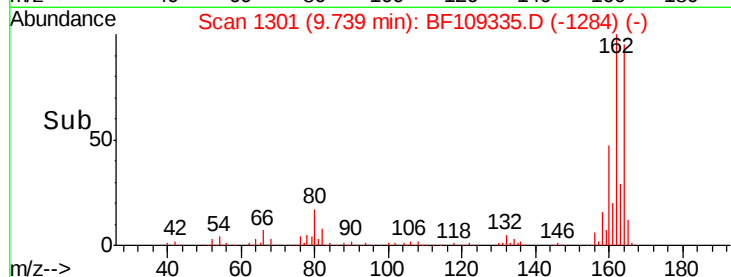
#56
 2,4-Dinitrotoluene
 Concen: 6.913 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109335.D
 Acq: 26 Sep 2018 14:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	24916
Ion Ratio	Lower	Upper
165	100	
63	1.3	36.4 54.6#
89	1.5	57.8 86.6#
182	0.0	1.6 2.4#

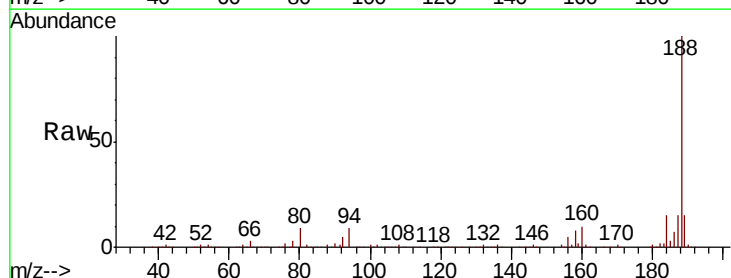


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

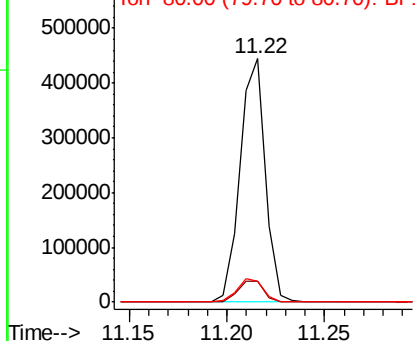
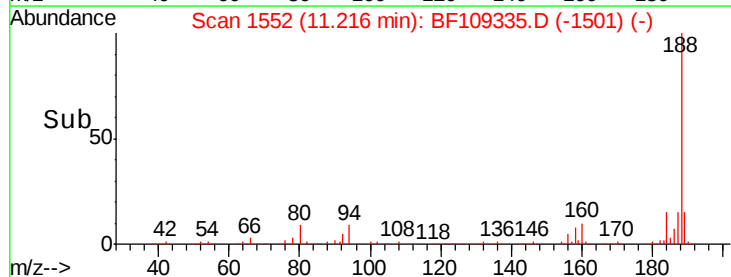


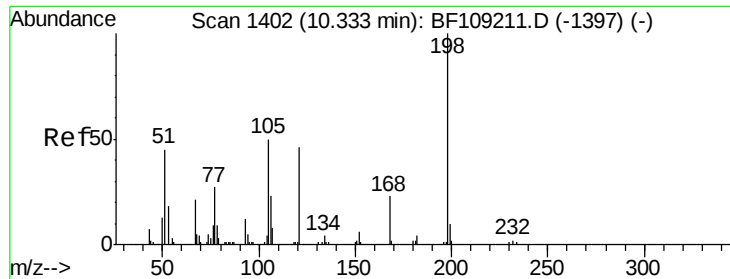
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109335.D
 Acq: 26 Sep 2018 14:43

Tgt Ion:188	Resp:	397284
Ion Ratio	Lower	Upper
188	100	
94	8.5	8.5 12.7
80	8.7	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

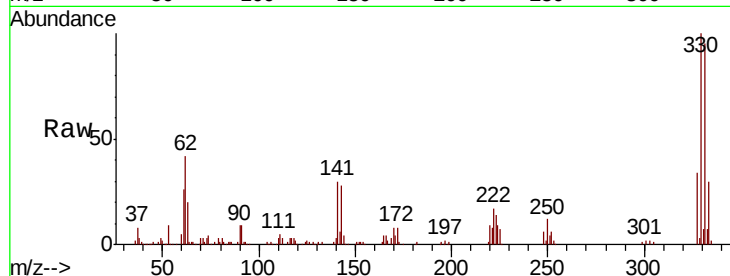




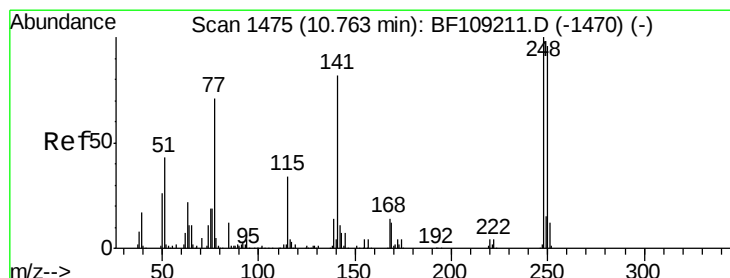
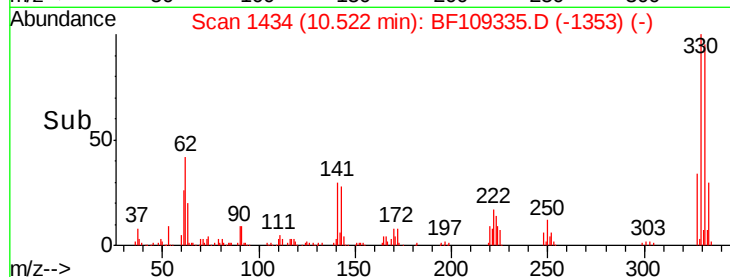
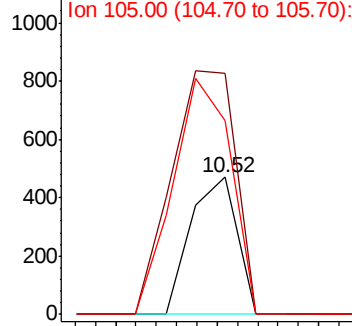
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.681 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109335.D
 Acq: 26 Sep 2018 14:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 297
 Ion Ratio Lower Upper
 198 100
 51 176.3 37.7 77.7#
 105 141.6 36.3 76.3#

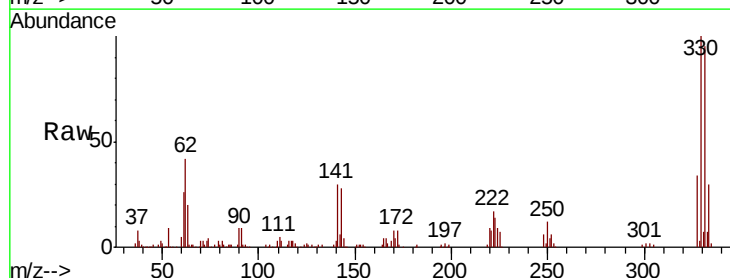


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

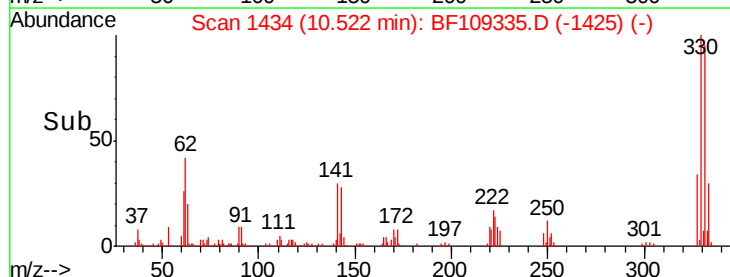
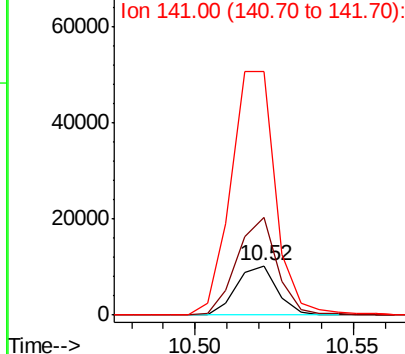


#66
 4-Bromophenyl-phenylether
 Concen: 2.070 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109335.D
 Acq: 26 Sep 2018 14:43

Tgt Ion:248 Resp: 9131
 Ion Ratio Lower Upper
 248 100
 250 199.4 76.9 115.3#
 141 496.3 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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109335.D

Acq: 26 Sep 2018 14:43

Instrument :

BNA_F

ClientSampleId :

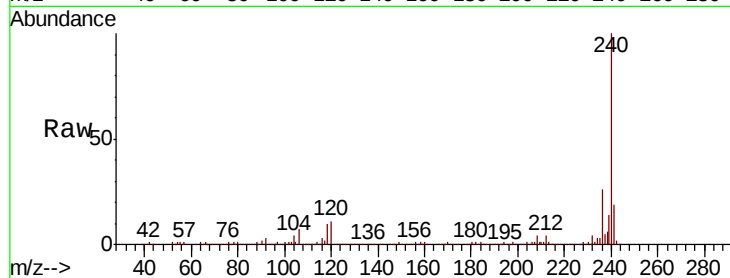
Tot Ion:240 Resp: 288338

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

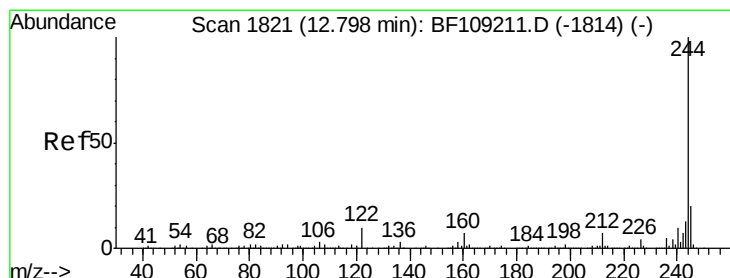
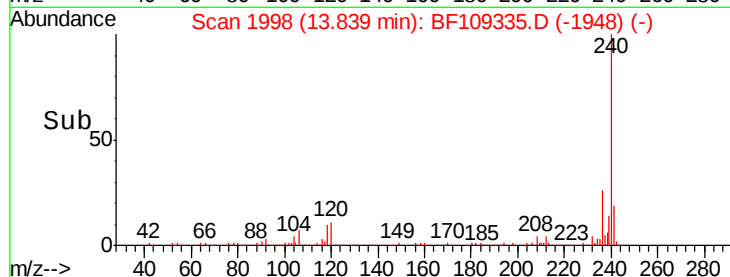
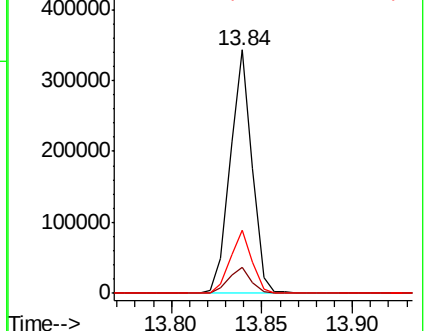
236 25.9 20.7 31.1



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: 51.318 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109335.D

Acq: 26 Sep 2018 14:43

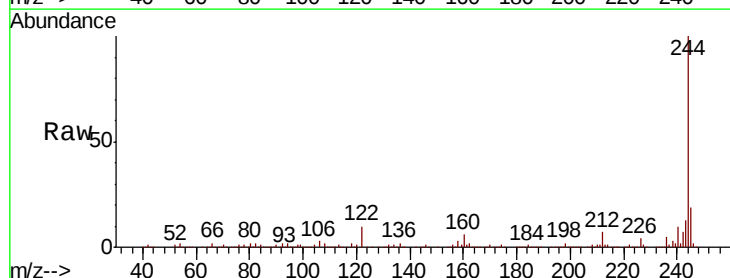
Tgt Ion:244 Resp: 602931

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

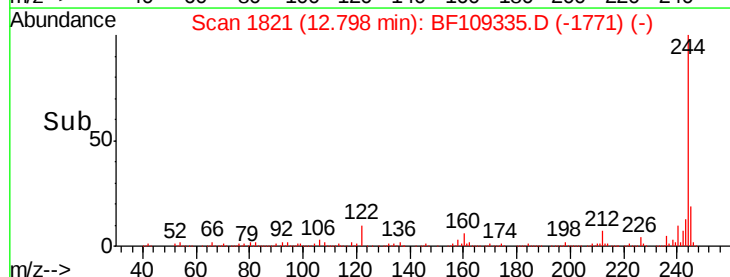
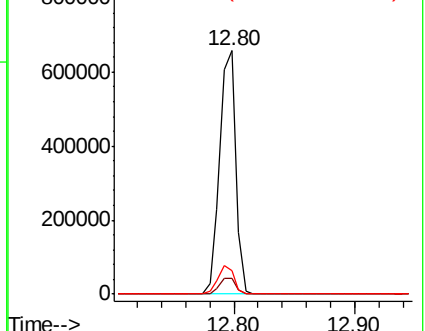
122 9.8 11.0 16.4#

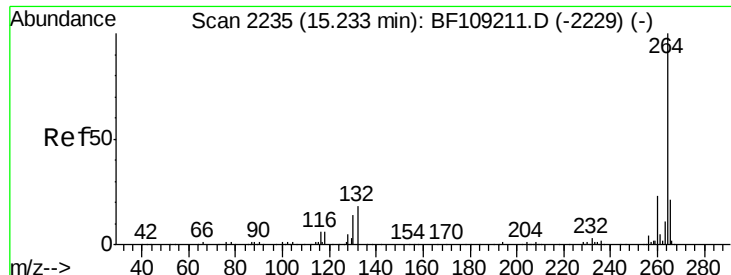


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109335.D
Acq: 26 Sep 2018 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	22.5	17.5	26.3

