

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109259.D
 Acq On : 24 Sep 2018 11:38
 Operator : JU/SJ
 Sample : J5021-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 13:25:31 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

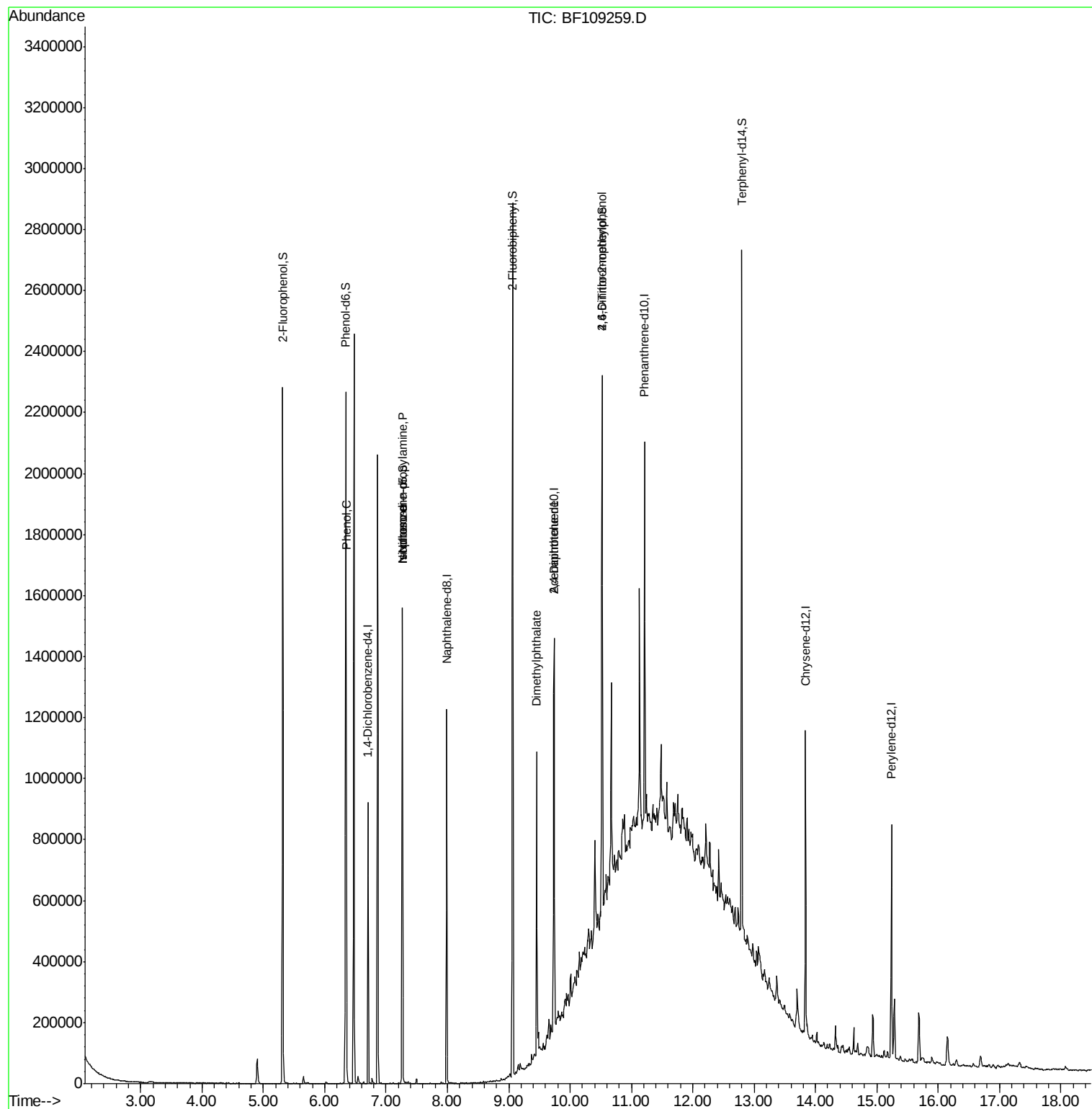
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	124761	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	491038	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	237061	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	432704	20.00	ng	0.00
75) Chrysene-d12	13.84	240	309367	20.00	ng	0.00
86) Perylene-d12	15.24	264	329375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	622169	82.14	ng	0.00
7) Phenol-d6	6.35	99	819664	84.80	ng	-0.01
23) Nitrobenzene-d5	7.27	82	506337	60.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	212842	91.08	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	807874	51.40	ng	-0.01
78) Terphenyl-d14	12.80	244	720193	57.13	ng	0.00
Target Compounds						
10) Phenol	6.36	94	36770	3.359	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	68230	10.773	ng	# 77
25) Isophorone	7.27	82	479207	31.992	ng	# 64
49) Dimethylphthalate	9.46	163	329707	19.122	ng	100
56) 2,4-Dinitrotoluene	9.74	165	32151	7.441	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	349	6.694	ng	# 1

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

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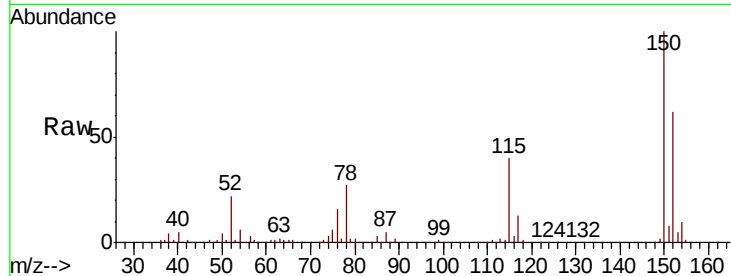


#1

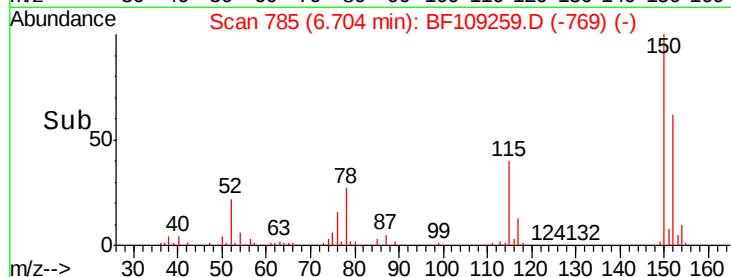
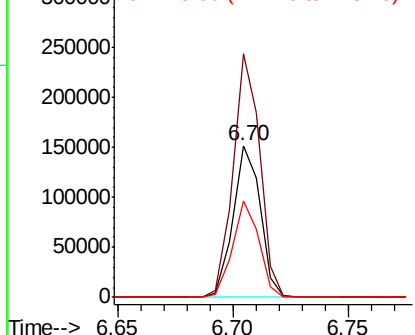
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109259.D
Acq: 24 Sep 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	63.6	50.1	75.1



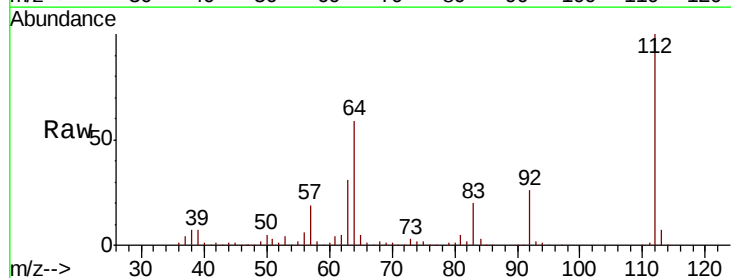
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



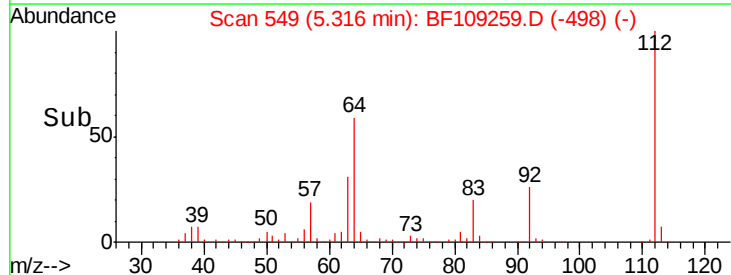
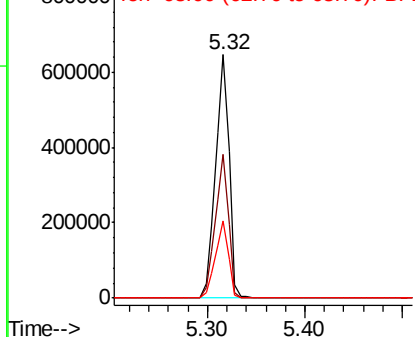
#5

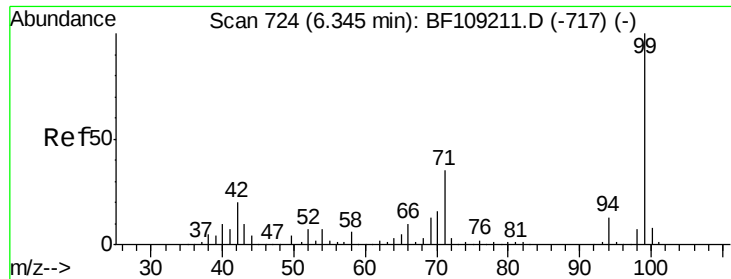
2-Fluorophenol
Concen: 82.138 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109259.D
Acq: 24 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	31.5	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: 84.802 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109259.D

Acq: 24 Sep 2018 11:38

Instrument :

BNA_F

ClientSampled :

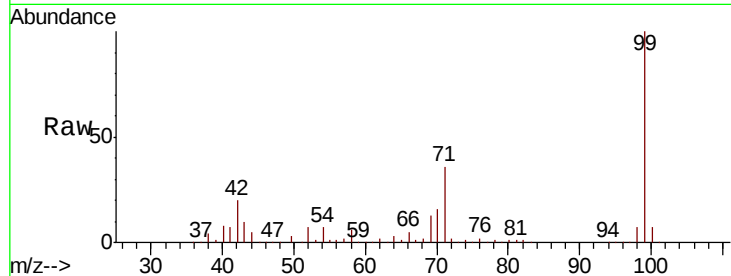
Tot Ion: 99 Resp: 819664

Ion Ratio Lower Upper

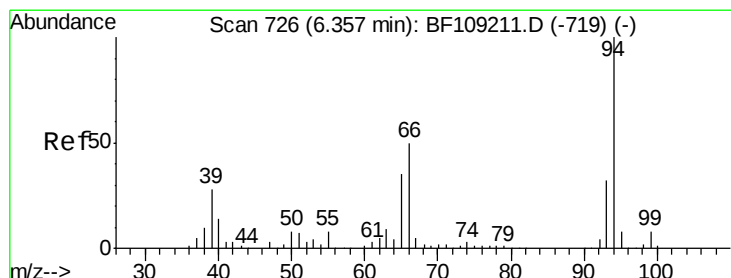
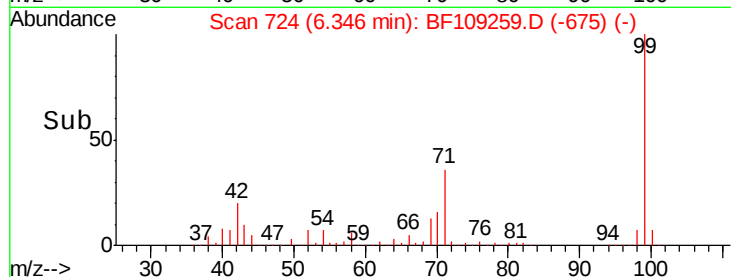
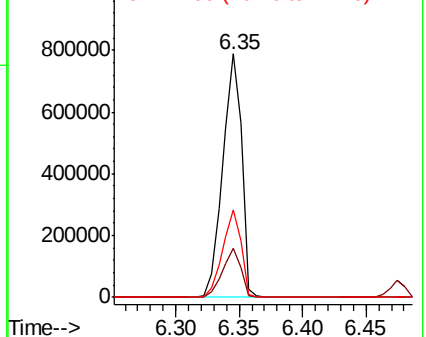
99 100

42 20.3 14.5 21.7

71 36.1 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: 3.359 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109259.D

Acq: 24 Sep 2018 11:38

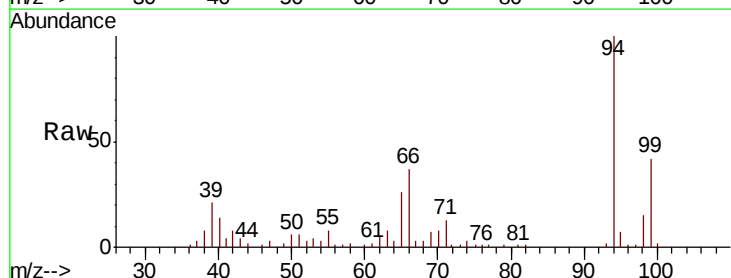
Tgt Ion: 94 Resp: 36770

Ion Ratio Lower Upper

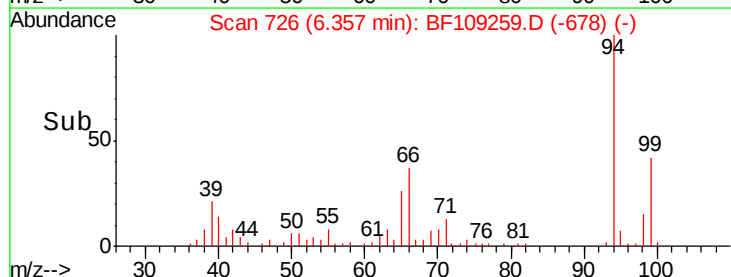
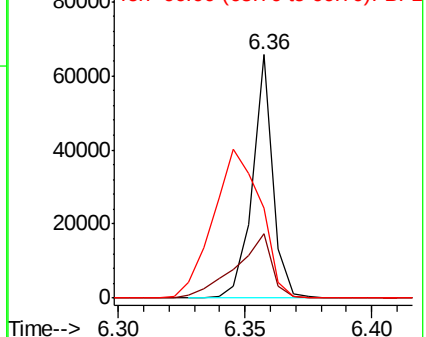
94 100

65 26.4 7.9 47.9

66 37.0 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

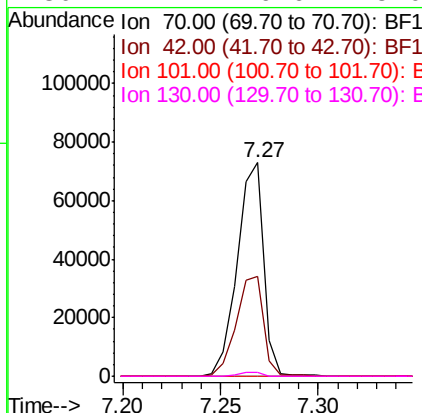
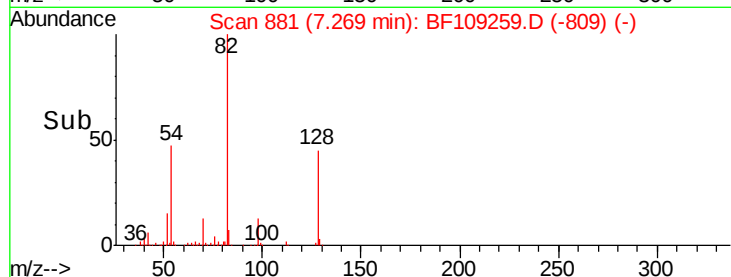
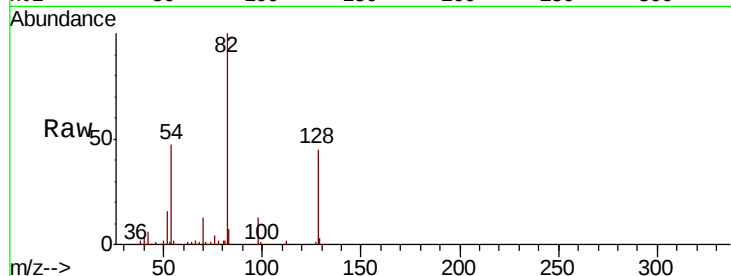




#19
 n-Nitroso-di-n-propylamine
 Concen: 10.773 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.12 min
 Lab File: BF109259.D
 Acq: 24 Sep 2018 11:38

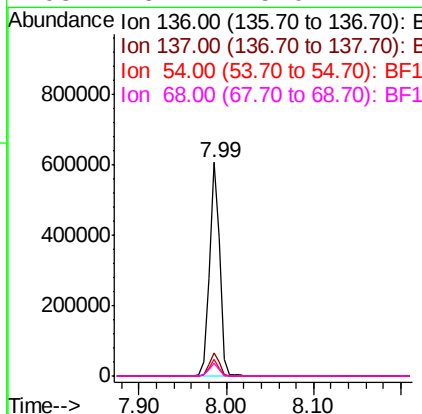
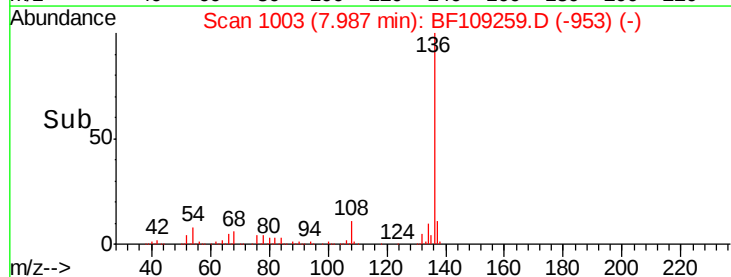
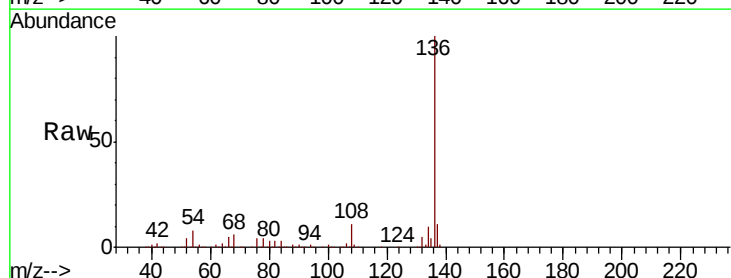
Instrument :
 BNA_F
 ClientSampled :

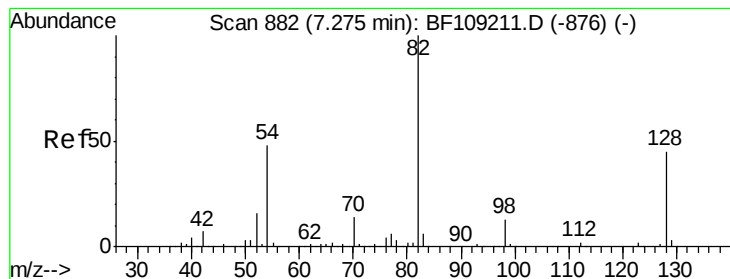
Tot Ion: 70 Resp: 68230
 Ion Ratio Lower Upper
 70 100
 42 46.7 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.1 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF109259.D
 Acq: 24 Sep 2018 11:38

Tgt Ion: 136 Resp: 491038
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.9 13.3
 54 7.6 6.6 9.8
 68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 60.871 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109259.D

Acq: 24 Sep 2018 11:38

Instrument :

BNA_F

ClientSampleId :

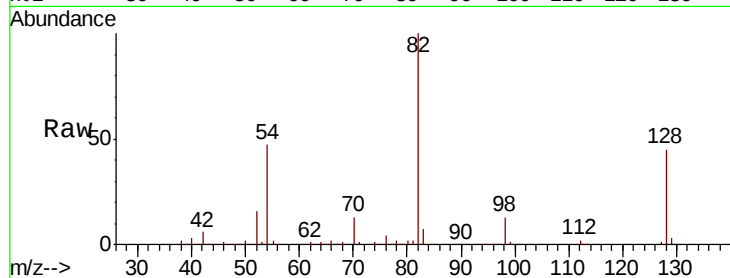
Tot Ion: 82 Resp: 506337

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

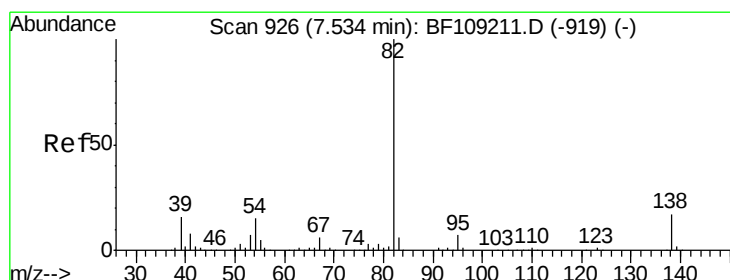
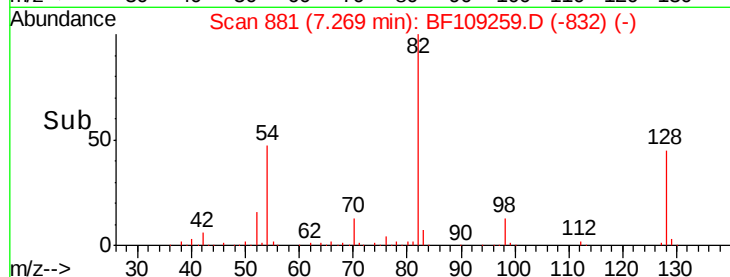
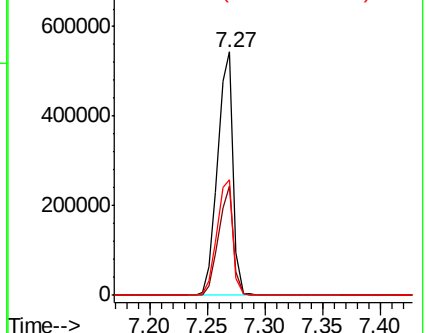
54 47.3 41.4 62.2



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: 31.992 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109259.D

Acq: 24 Sep 2018 11:38

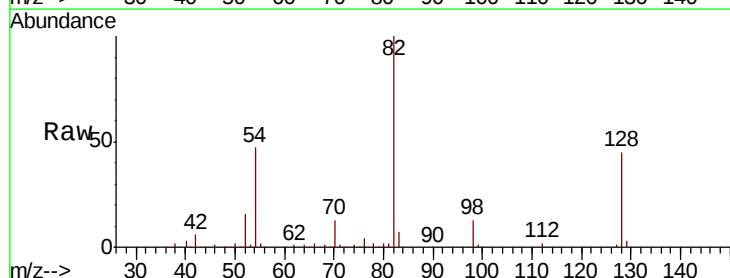
Tgt Ion: 82 Resp: 479207

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

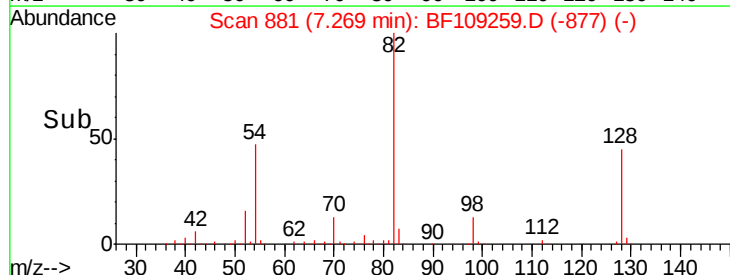
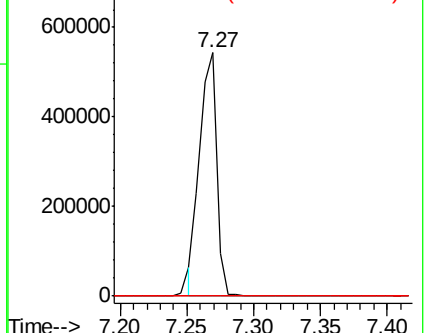
138 0.0 14.9 22.3#

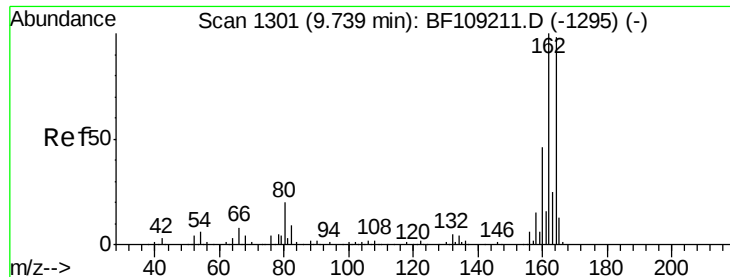


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

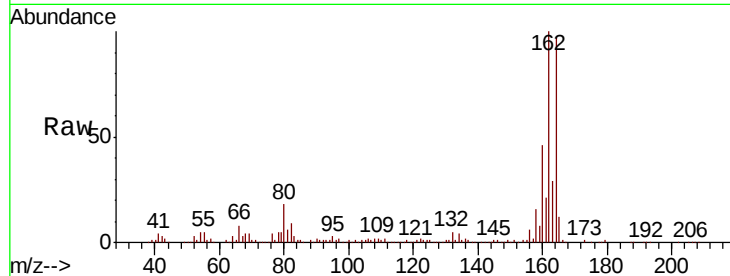




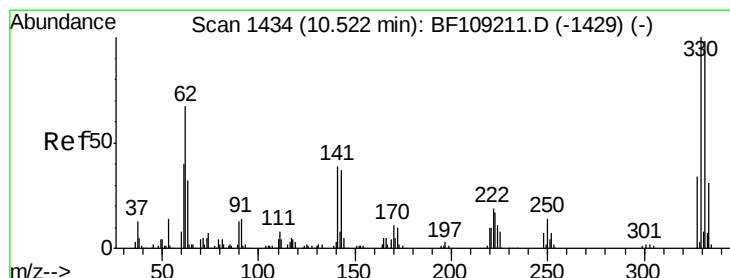
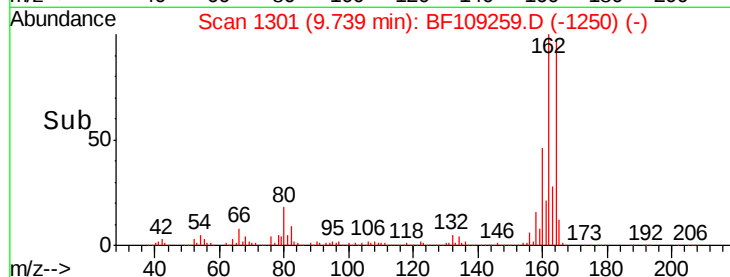
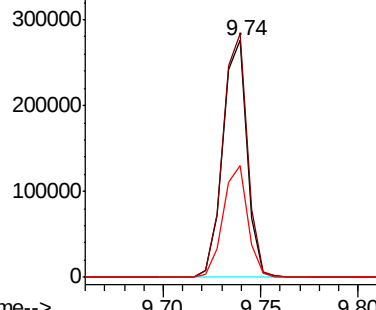
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109259.D
 Acq: 24 Sep 2018 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 237061
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 47.1 38.3 57.5

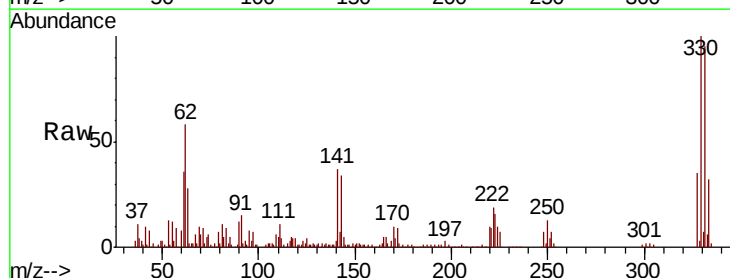


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

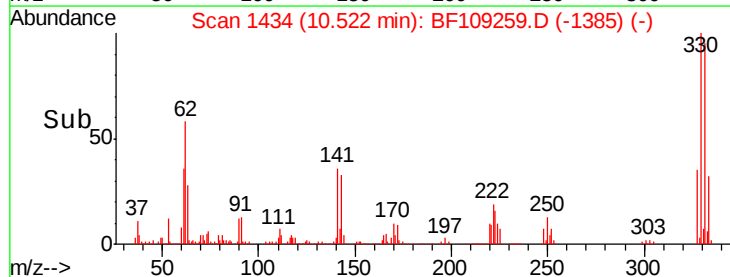
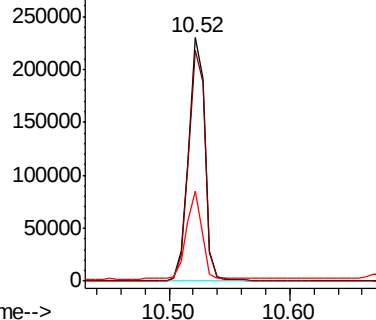


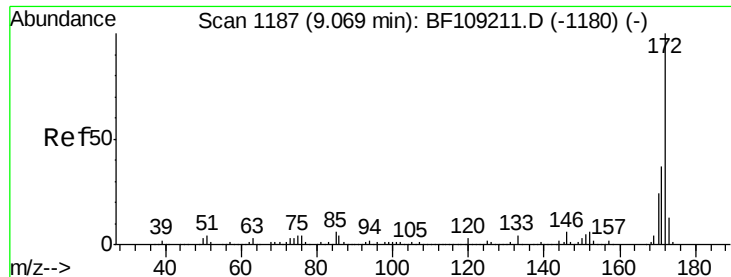
#41
 2,4,6-Tribromophenol
 Concen: 91.078 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109259.D
 Acq: 24 Sep 2018 11:38

Tgt Ion:330 Resp: 212842
 Ion Ratio Lower Upper
 330 100
 332 96.4 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

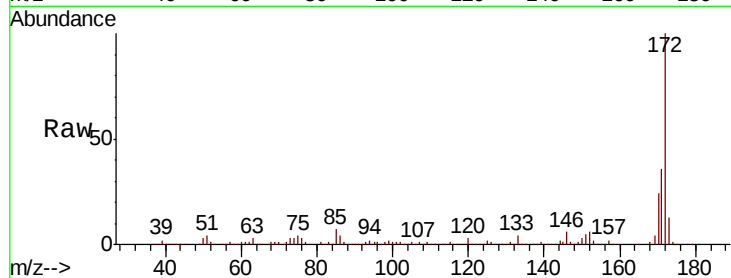




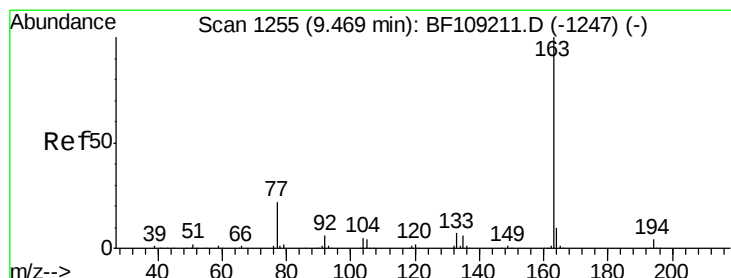
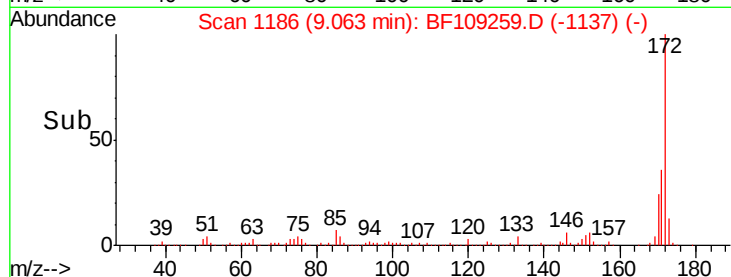
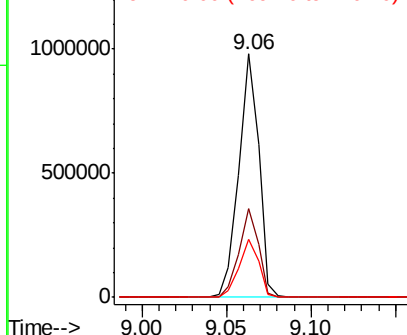
#44
2-Fluorobiphenyl
Concen: 51.397 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109259.D
Acq: 24 Sep 2018 11:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 807874
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.7 19.6 29.4

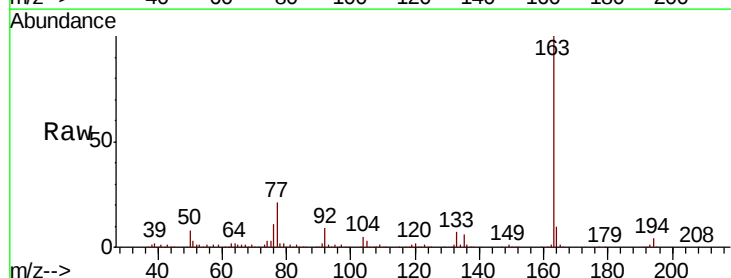


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

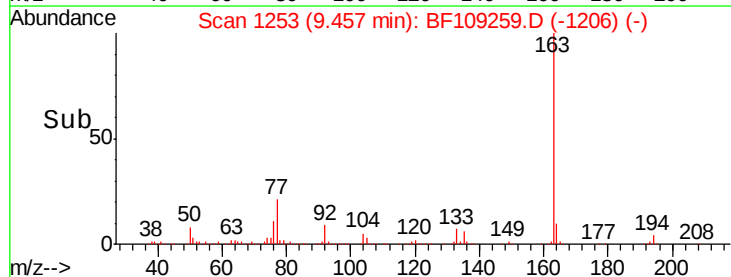
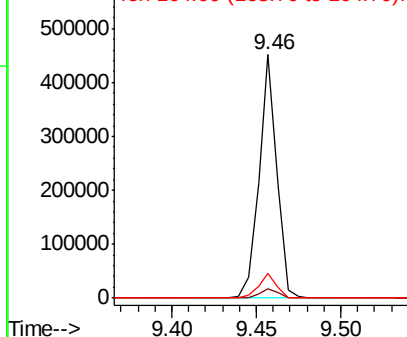


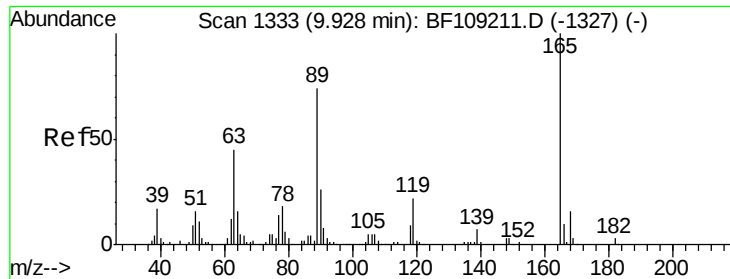
#49
Dimethylphthalate
Concen: 19.122 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109259.D
Acq: 24 Sep 2018 11:38

Tgt Ion:163 Resp: 329707
Ion Ratio Lower Upper
163 100
194 3.9 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

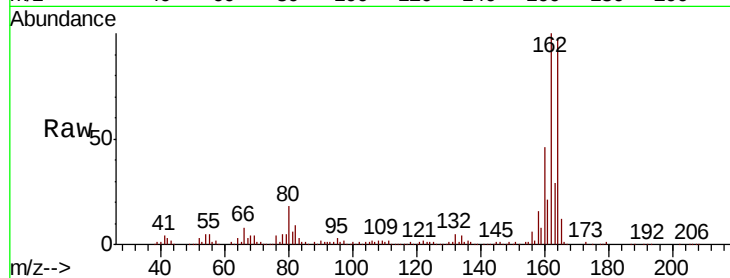




#56
 2,4-Dinitrotoluene
 Concen: 7.441 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109259.D
 Acq: 24 Sep 2018 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



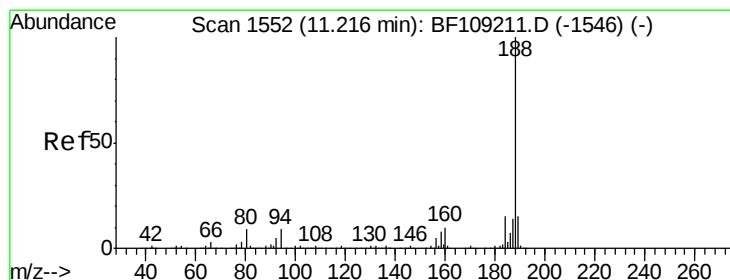
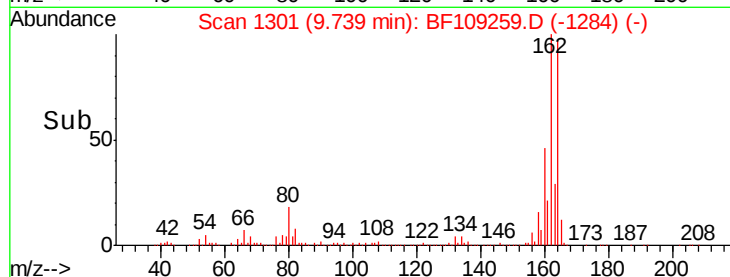
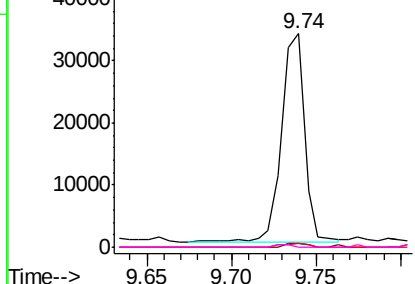
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

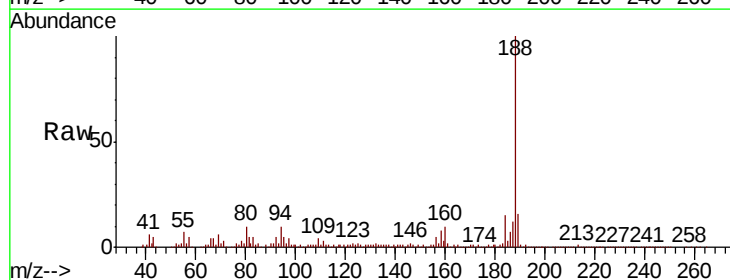
Ion 89.00 (88.70 to 89.70): BF1

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: BF109259.D
 Acq: 24 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.4	9.2	13.8

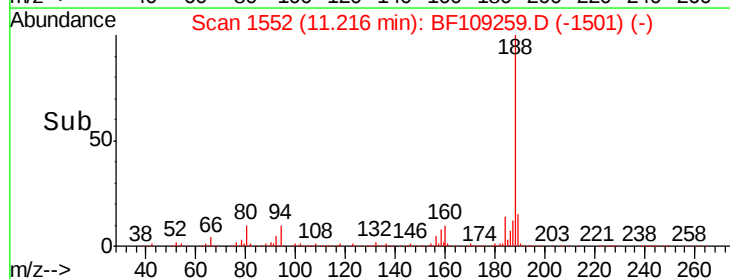
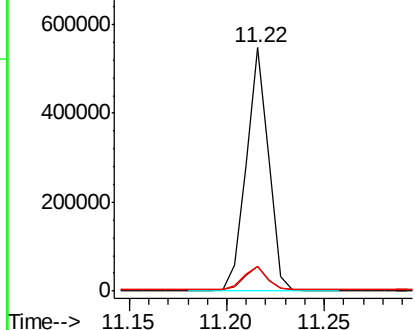


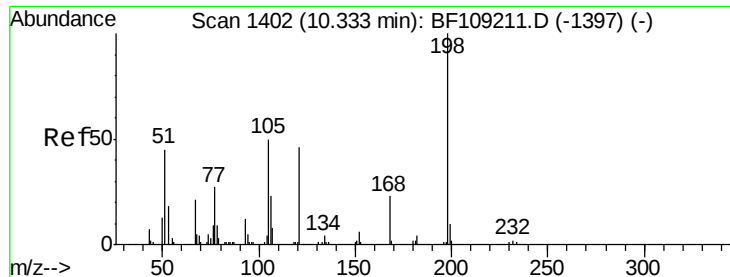
Abundance

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: 6.694 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.18 min

Lab File: BF109259.D

Acq: 24 Sep 2018 11:38

Instrument :

BNA_F

ClientSampleId :

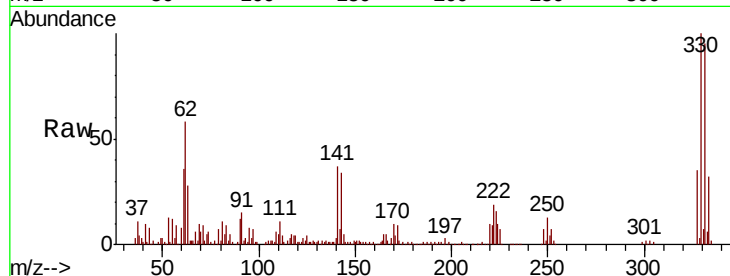
Tot Ion:198 Resp: 349

Ion Ratio Lower Upper

198 100

51 291.1 37.7 77.7#

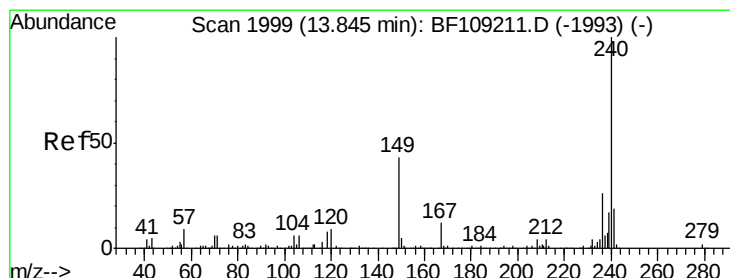
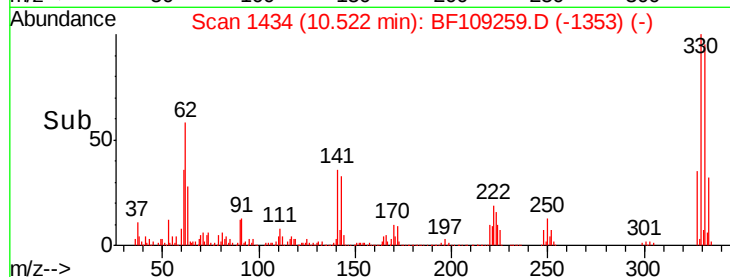
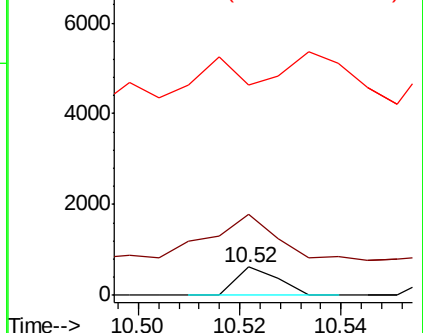
105 750.8 36.3 76.3#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109259.D

Acq: 24 Sep 2018 11:38

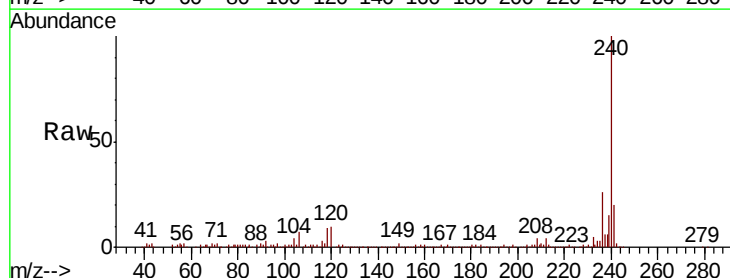
Tgt Ion:240 Resp: 309367

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

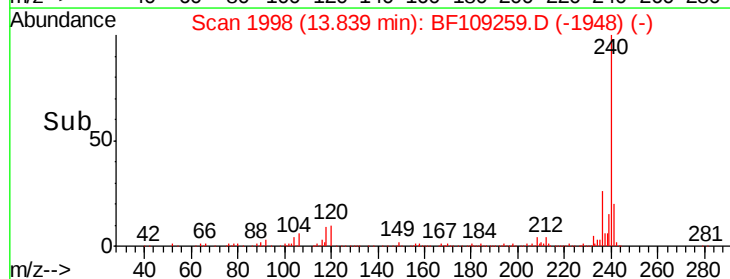
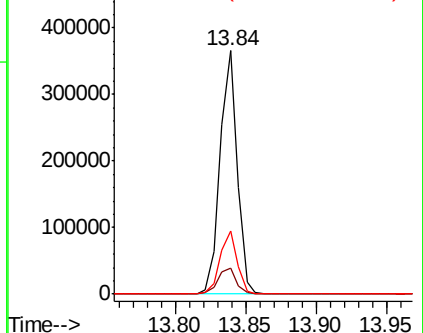
236 26.0 20.7 31.1

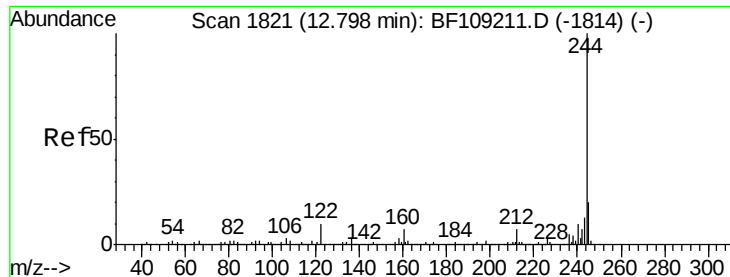


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

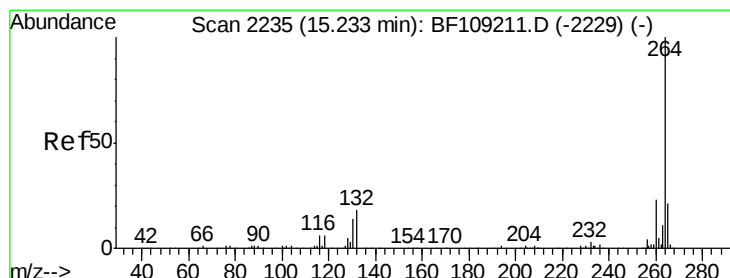
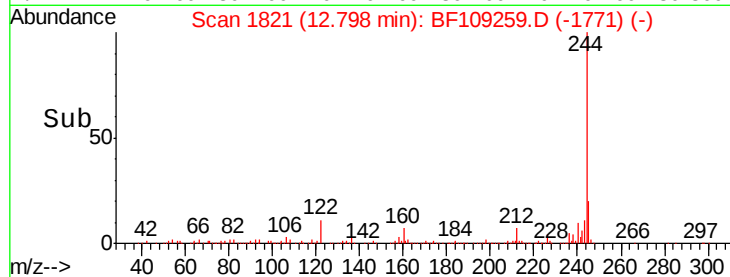
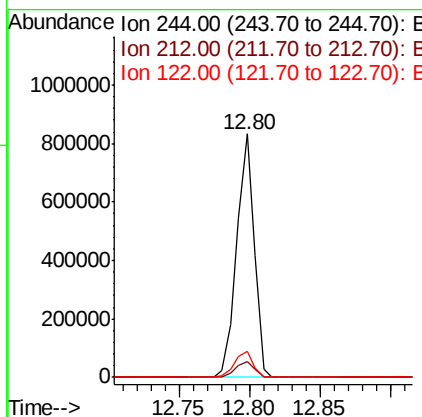
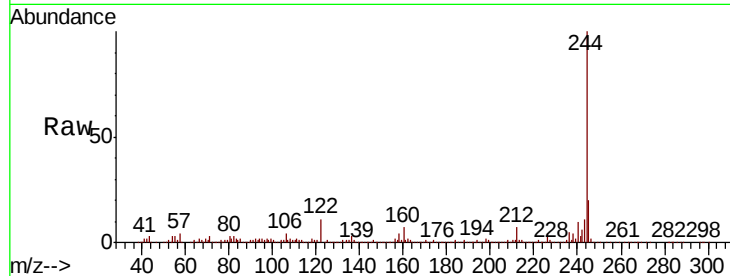




#78
 Terphenyl-d14
 Concen: 57.132 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109259.D
 Acq: 24 Sep 2018 11:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 720193
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109259.D
 Acq: 24 Sep 2018 11:38

Tgt Ion:264 Resp: 329375
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.8 17.5 26.3

