

Data File : BF109359.D
Acq On : 27 Sep 2018 1:51
Operator : JU/SJ
Sample : J5053-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW06-GW

Quant Time: Sep 27 05:42:18 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	95950	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	339518	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	149407	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	275068	20.00	ng	0.00
75) Chrysene-d12	13.84	240	301042	20.00	ng	0.00
86) Perylene-d12	15.24	264	281920	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	445419	76.46	ng	0.00
7) Phenol-d6	6.35	99	417971	56.23	ng	-0.01
23) Nitrobenzene-d5	7.27	82	496868	86.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	182171	123.69	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	859985	86.81	ng	-0.01
78) Terphenyl-d14	12.80	244	876362	71.44	ng	0.00

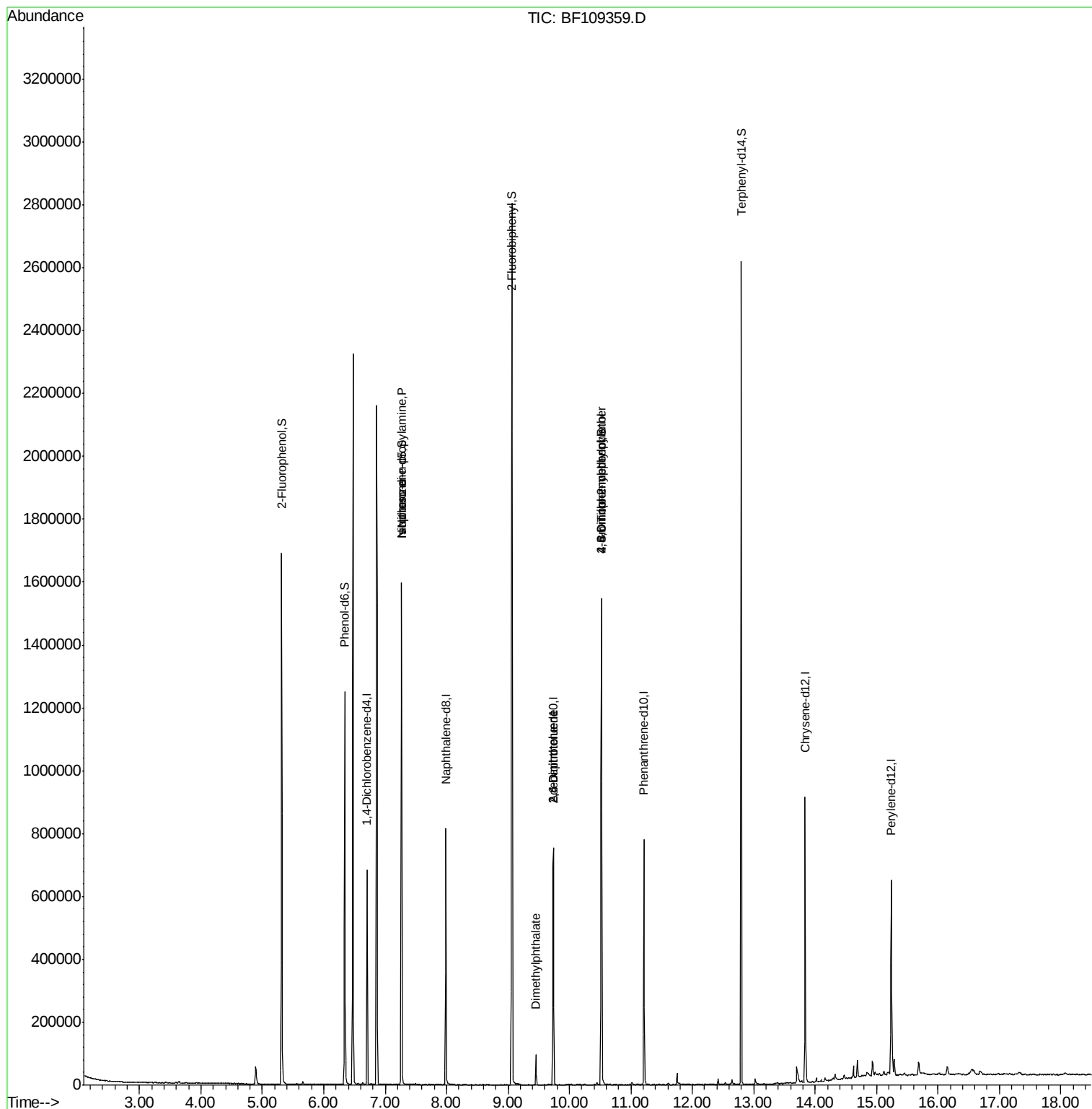
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.27	70	66424	13.637	ng	# 77
25) Isophorone	7.27	82	475571	45.918	ng	# 64
49) Dimethylphthalate	9.46	163	36810	3.387	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	18963	8.811	ng	# 24
56) 2,4-Dinitrotoluene	9.73	165	18963	6.964	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.52	198	270	6.732	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11151	3.651	ng	# 1

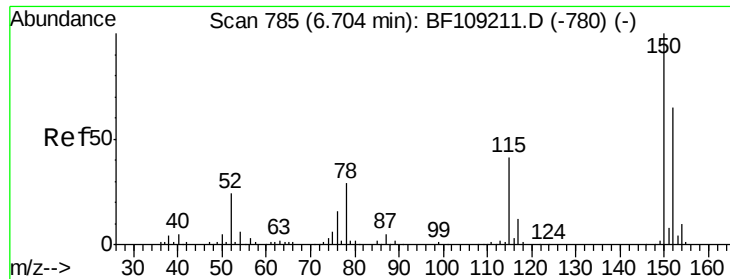
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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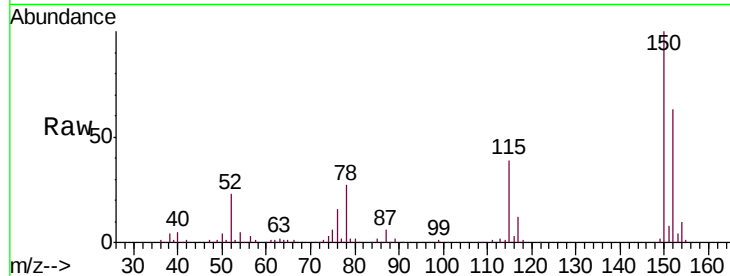


#1

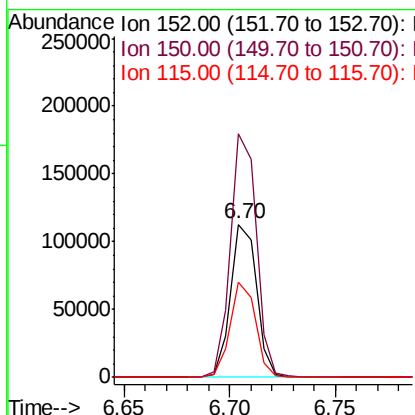
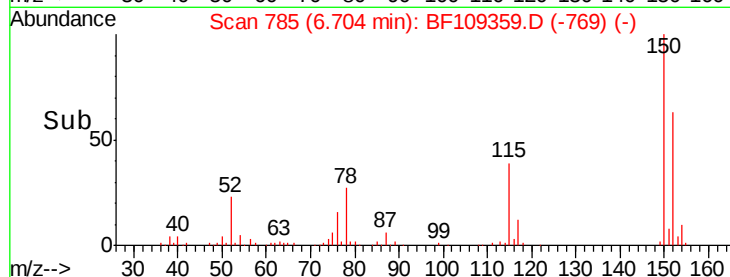
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109359.D
Acq: 27 Sep 2018 1:51

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW06-GW

Tgt Ion:152 Resp: 95950
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 62.6 50.1 75.1



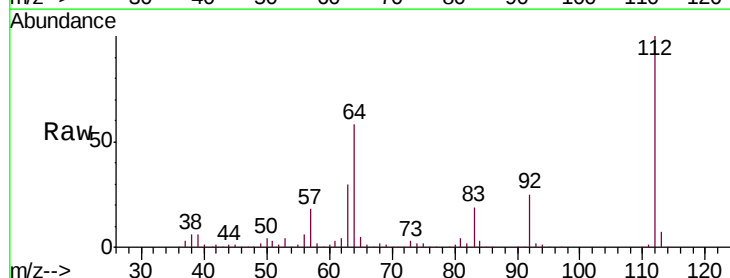
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



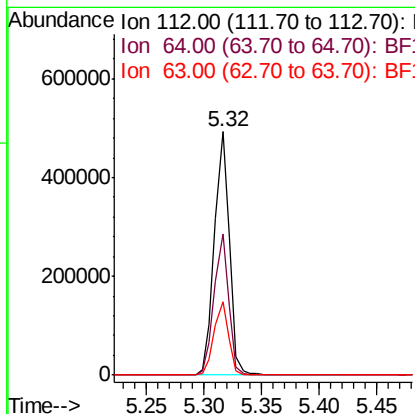
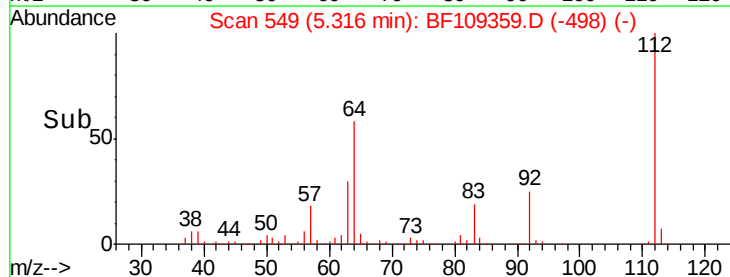
#5

2-Fluorophenol
Concen: 76.461 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109359.D
Acq: 27 Sep 2018 1:51

Tgt Ion:112 Resp: 445419
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 30.0 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: 56.228 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109359.D

Acq: 27 Sep 2018 1:51

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW06-GW

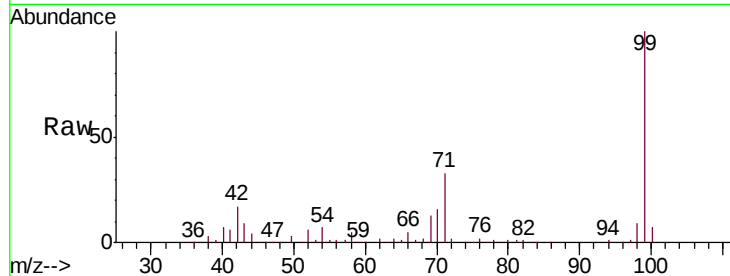
Tgt Ion: 99 Resp: 417971

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

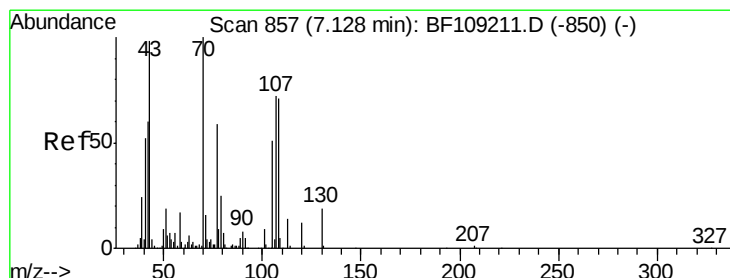
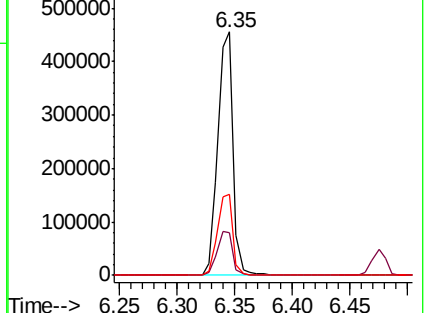
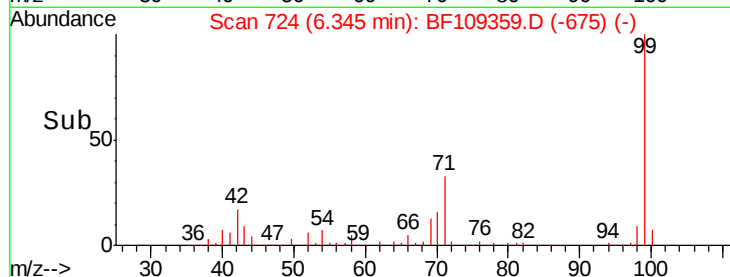
71 33.1 25.4 38.0



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: 13.637 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109359.D

Acq: 27 Sep 2018 1:51

Tgt Ion: 70 Resp: 66424

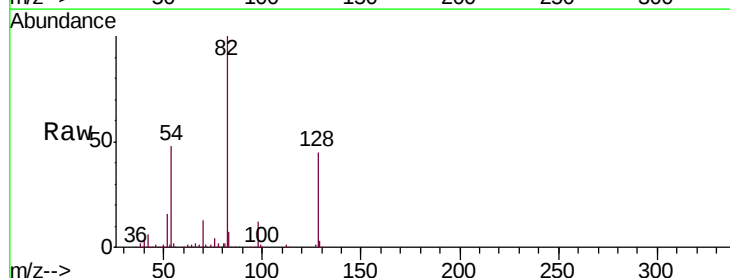
Ion Ratio Lower Upper

70 100

42 46.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

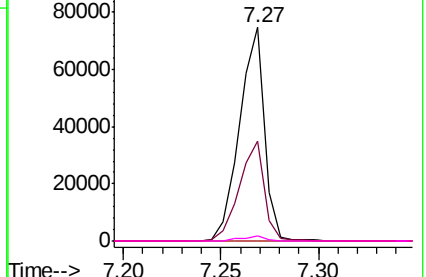
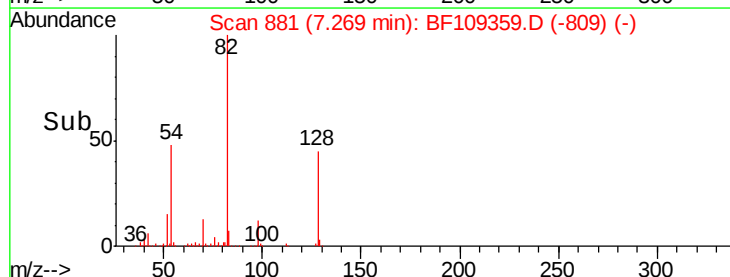


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

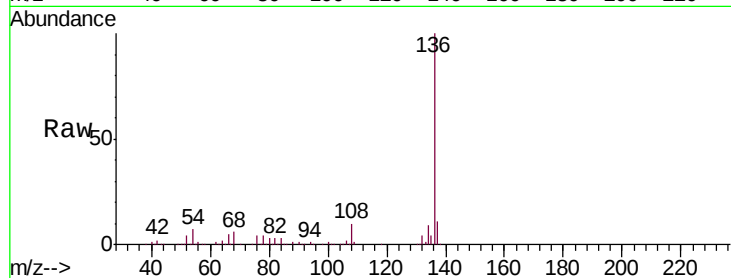




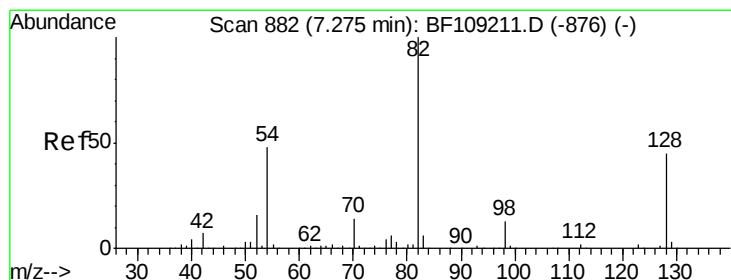
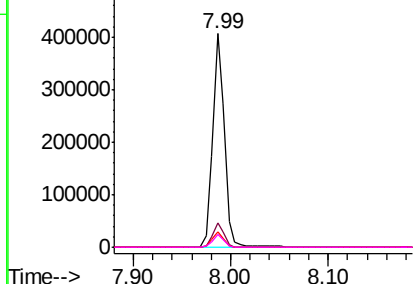
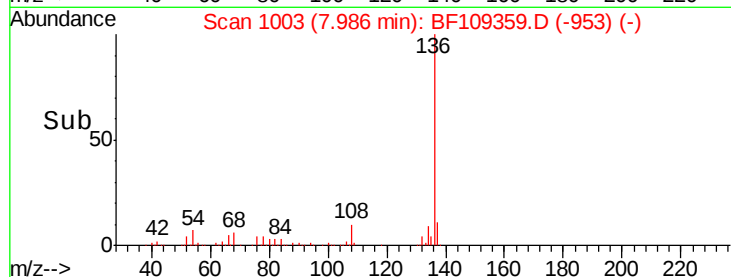
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109359.D
Acq: 27 Sep 2018 1:51

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW06-GW

Tgt Ion:	136	Resp:	339518
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.3	6.6	9.8
68	6.0	5.0	7.4

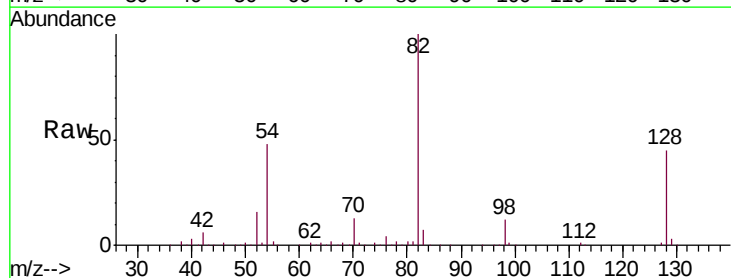


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

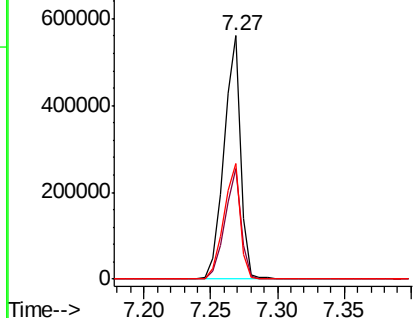
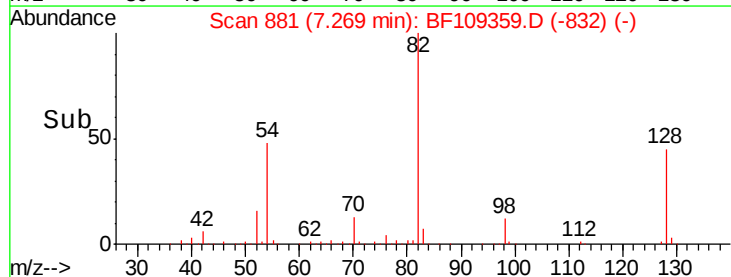


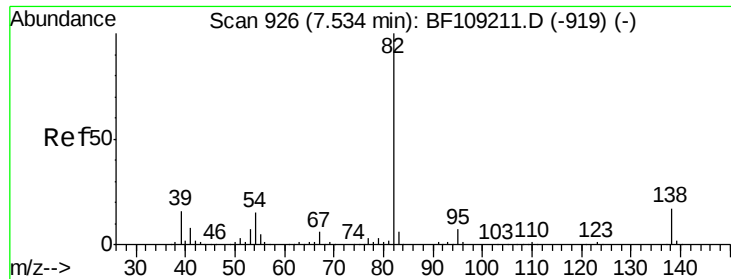
#23
Nitrobenzene-d5
Concen: 86.390 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109359.D
Acq: 27 Sep 2018 1:51

Tgt Ion:	82	Resp:	496868
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	47.6	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: 45.918 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109359.D

Acq: 27 Sep 2018 1:51

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW06-GW

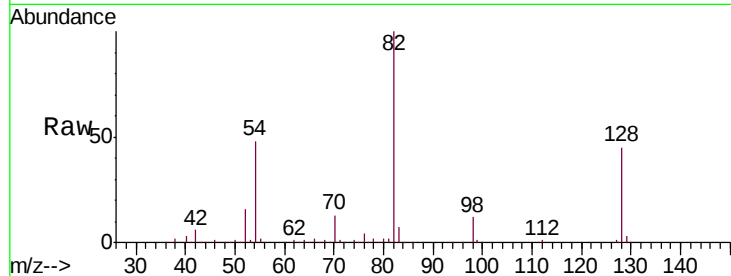
Tgt Ion: 82 Resp: 475571

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

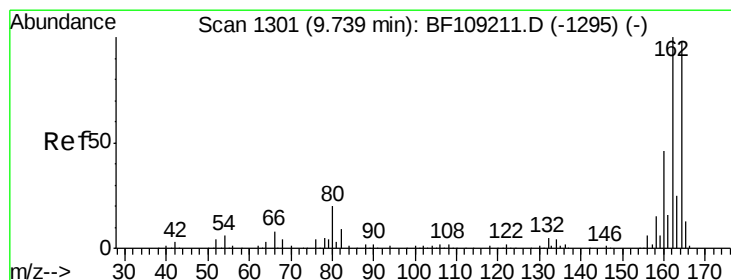
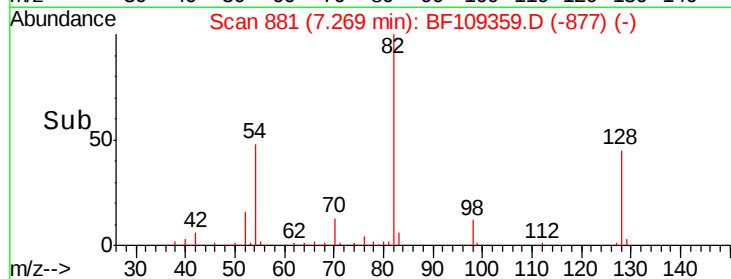
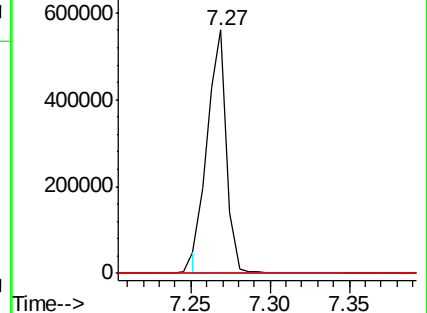
138 0.0 14.9 22.3#



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: BF109359.D

Acq: 27 Sep 2018 1:51

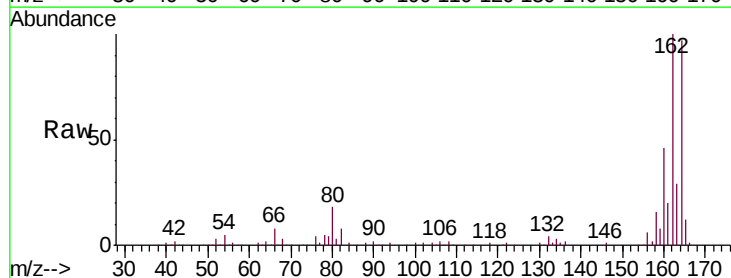
Tgt Ion: 164 Resp: 149407

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

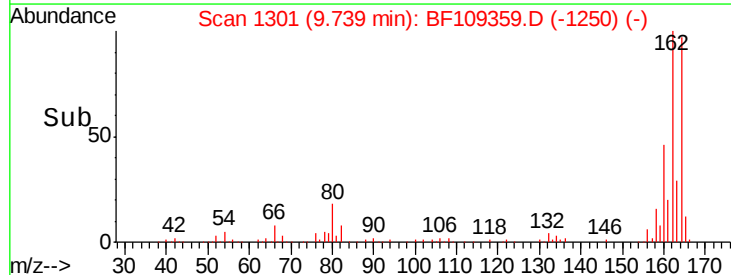
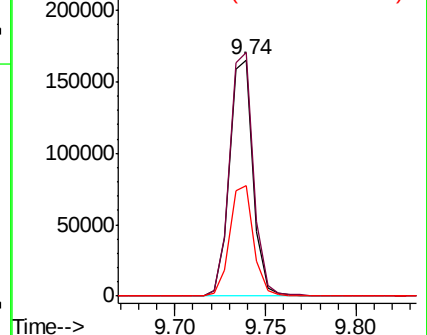
160 46.9 38.3 57.5

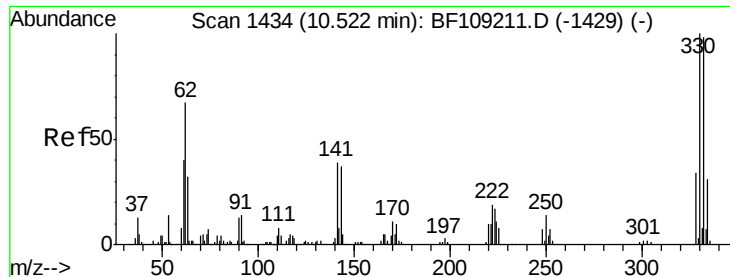


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

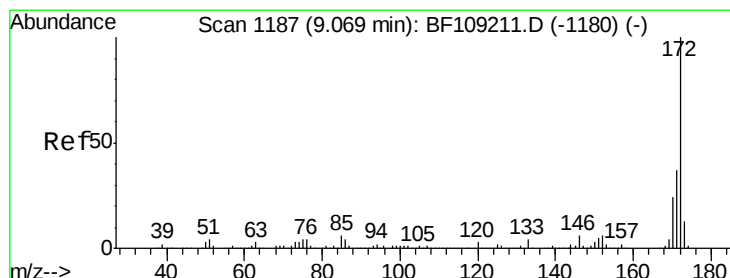
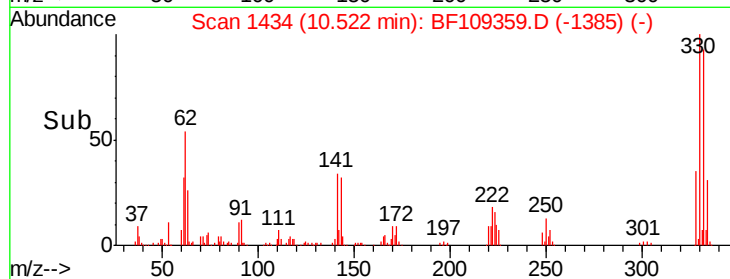
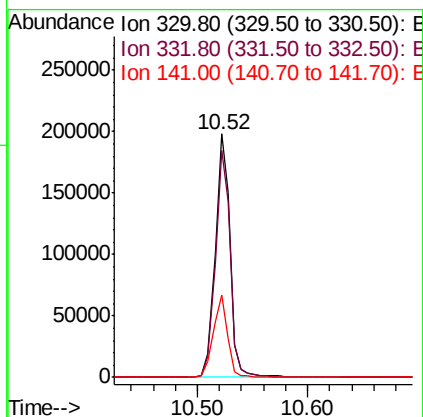
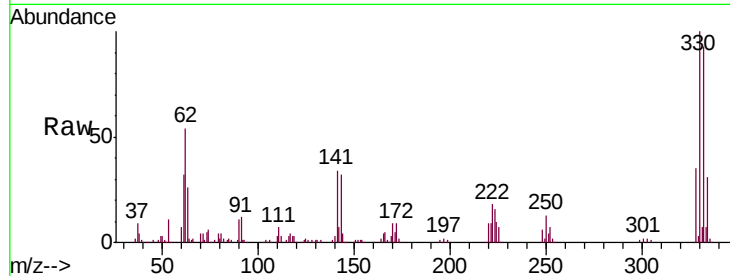




#41
 2,4,6-Tribromophenol
 Concen: 123.687 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109359.D
 Acq: 27 Sep 2018 1:51

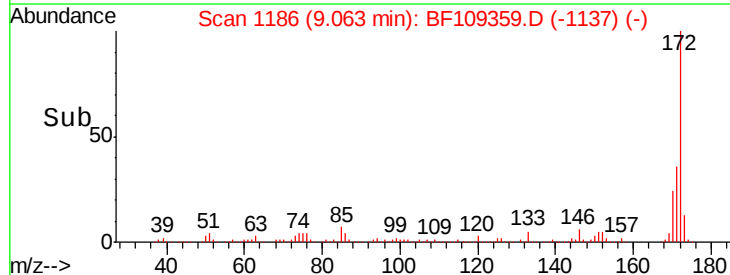
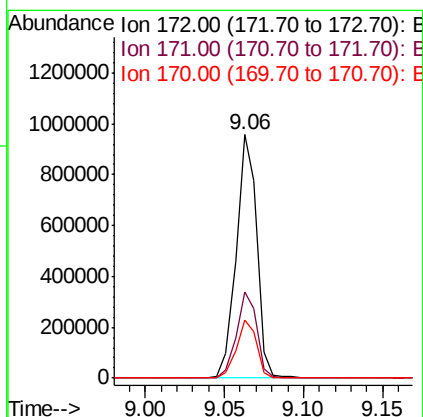
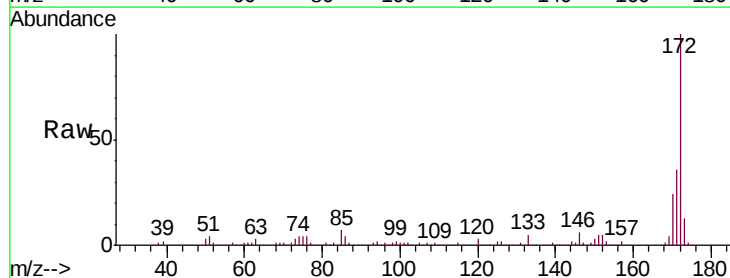
Instrument :
 BNA_F
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 RFK-RMAB-MW06-GW

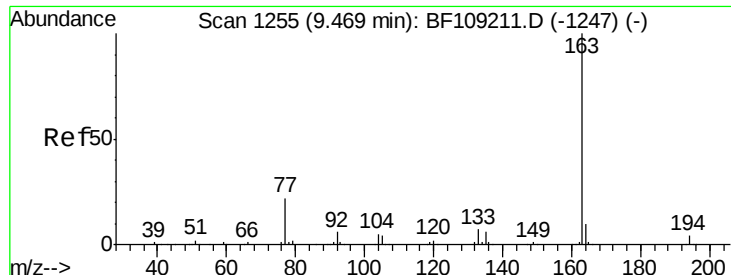
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	32.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 86.811 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109359.D
 Acq: 27 Sep 2018 1:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.8	19.6	29.4

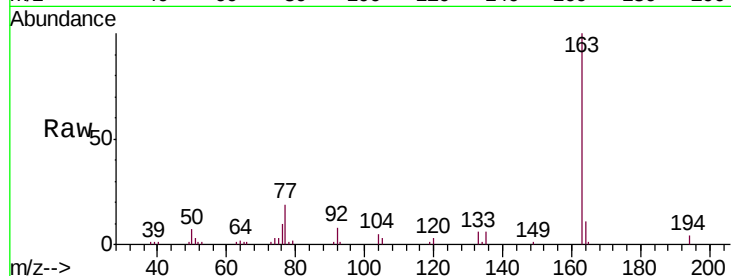




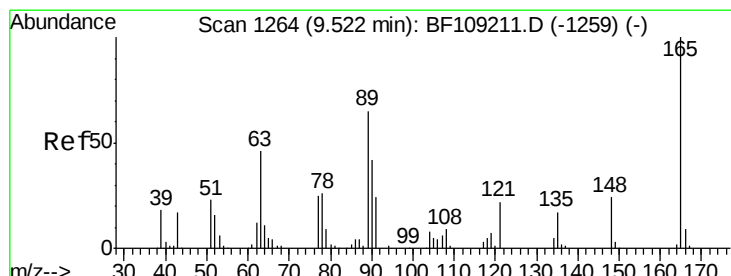
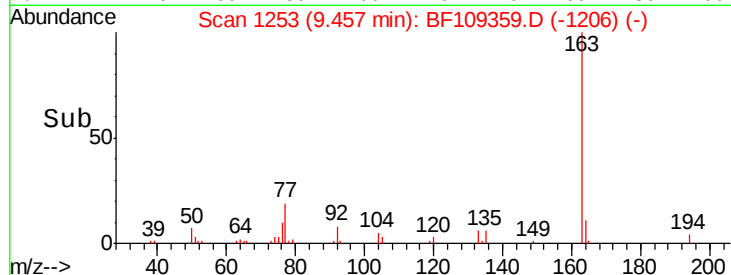
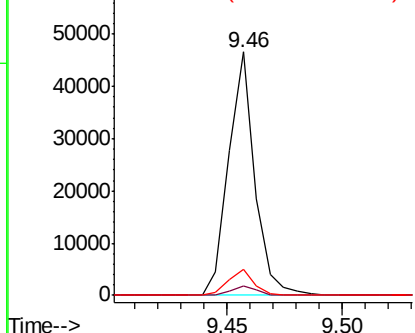
#49
Dimethylphthalate
Concen: 3.387 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109359.D
Acq: 27 Sep 2018 1:51

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW06-GW

Tgt Ion:163 Resp: 36810
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.6 8.2 12.2

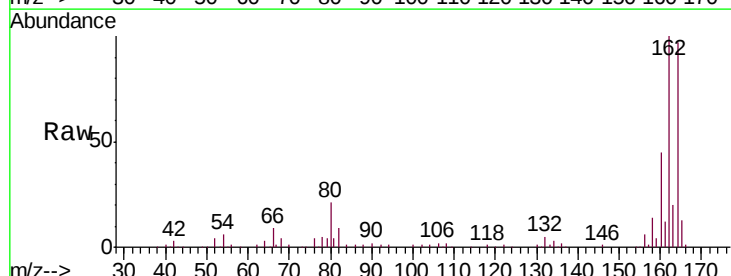


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

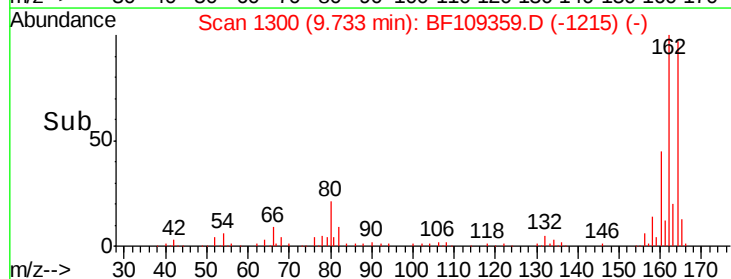
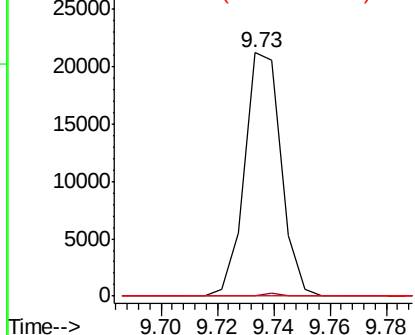


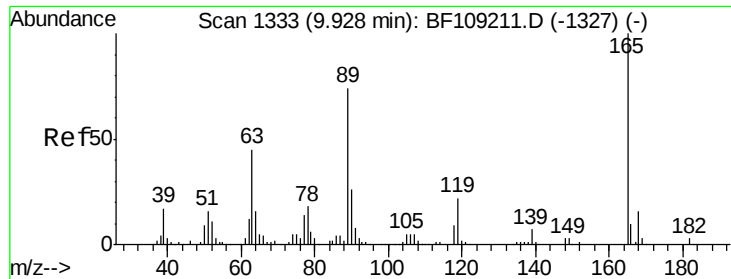
#50
2,6-Dinitrotoluene
Concen: 8.811 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109359.D
Acq: 27 Sep 2018 1:51

Tgt Ion:165 Resp: 18963
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: 6.964 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.21 min

Lab File: BF109359.D

Acq: 27 Sep 2018 1:51

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW06-GW

Tgt Ion:165 Resp: 18963

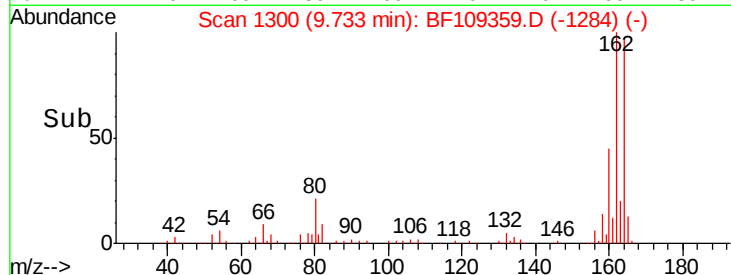
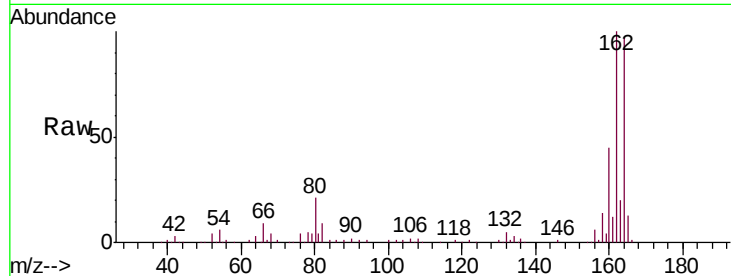
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

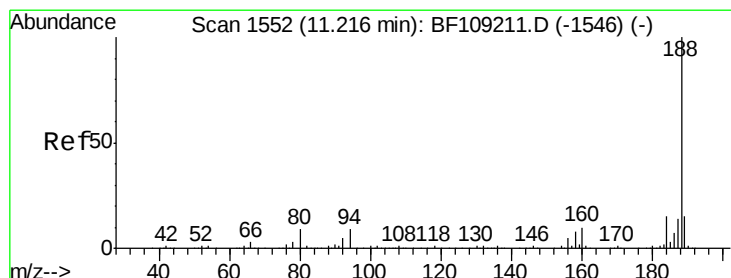
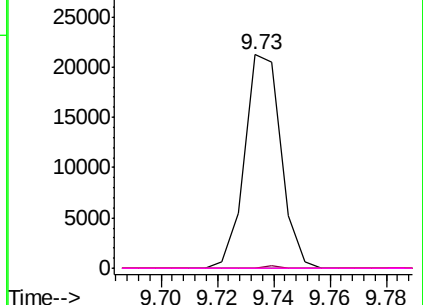


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF109359.D

Acq: 27 Sep 2018 1:51

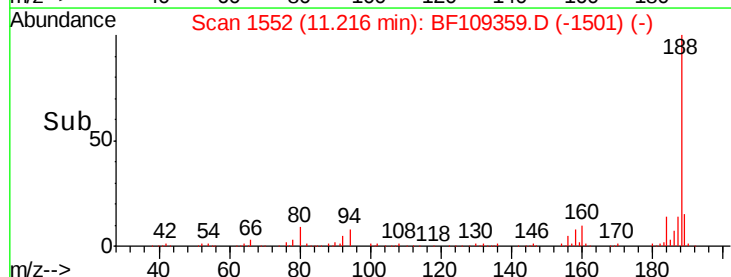
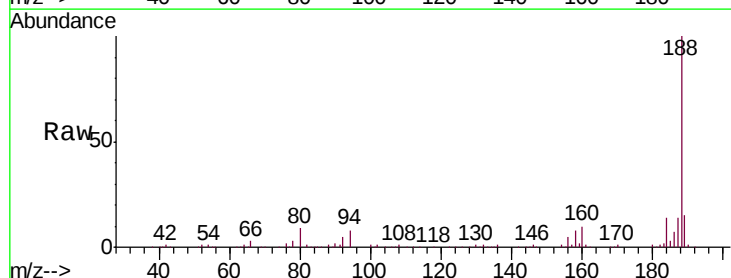
Tgt Ion:188 Resp: 275068

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

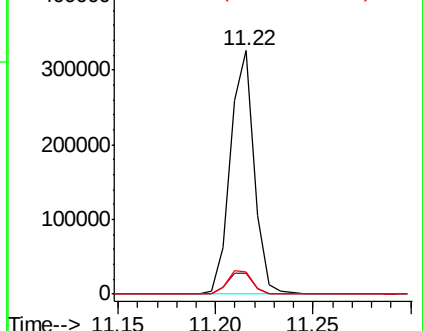
80 9.1 9.2 13.8#

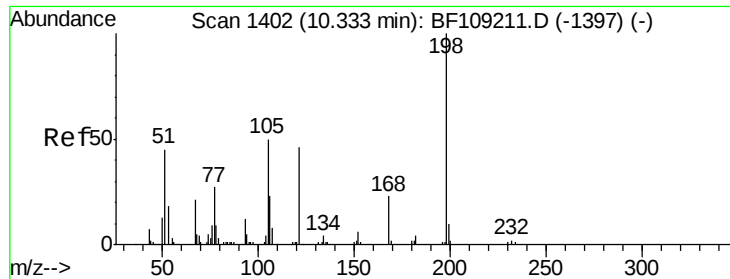


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

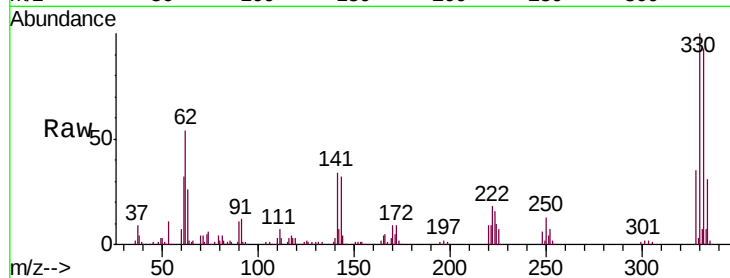




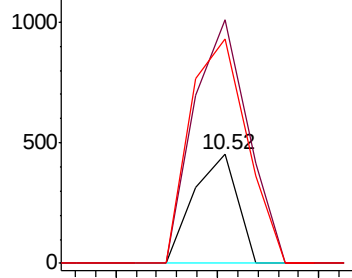
#64
4,6-Dinitro-2-methylphenol
Concen: 6.732 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109359.D
Acq: 27 Sep 2018 1:51

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW06-GW

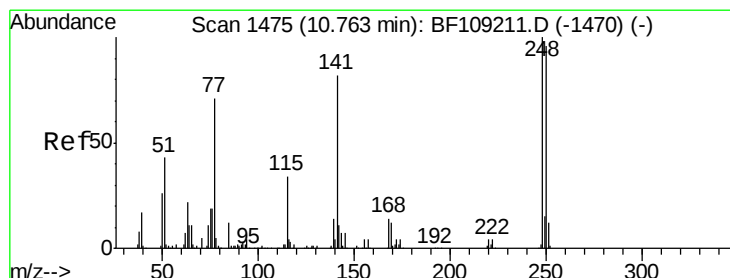
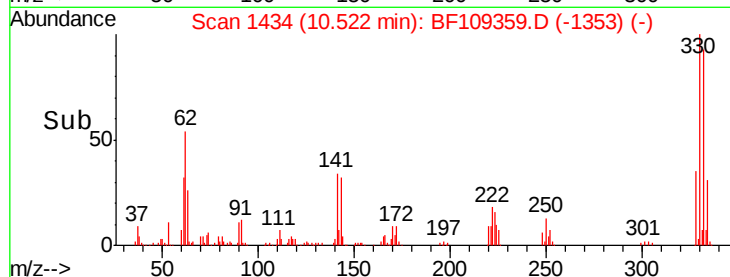
Tgt Ion:198 Resp: 270
Ion Ratio Lower Upper
198 100
51 223.7 37.7 77.7#
105 206.0 36.3 76.3#



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

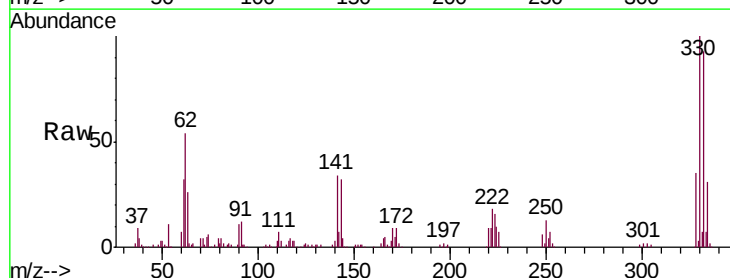


Time-->

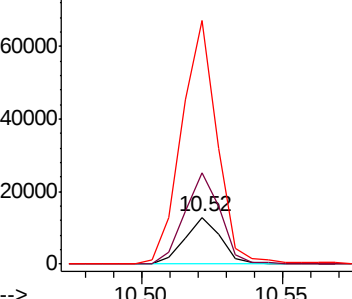


#66
4-Bromophenyl-phenylether
Concen: 3.651 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109359.D
Acq: 27 Sep 2018 1:51

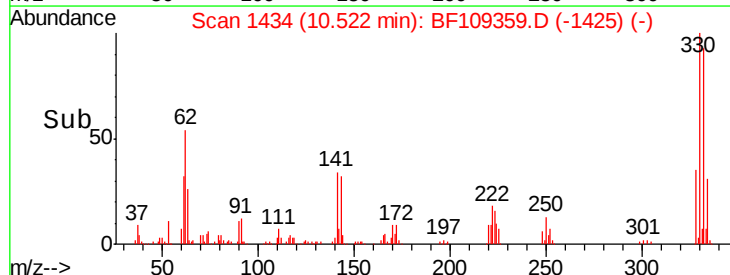
Tgt Ion:248 Resp: 11151
Ion Ratio Lower Upper
248 100
250 195.6 76.9 115.3#
141 523.0 74.4 111.6#



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



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109359.D

Acq: 27 Sep 2018 1:51

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW06-GW

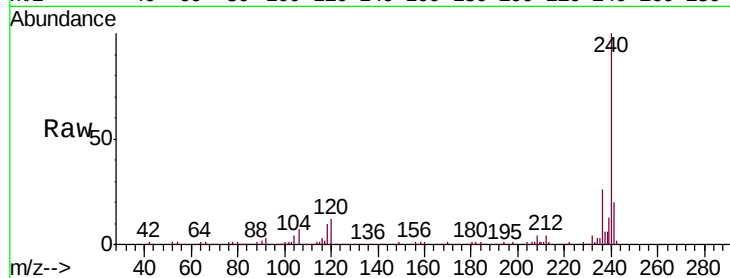
Tgt Ion:240 Resp: 301042

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

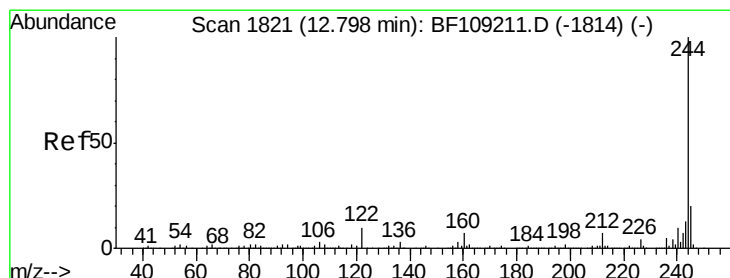
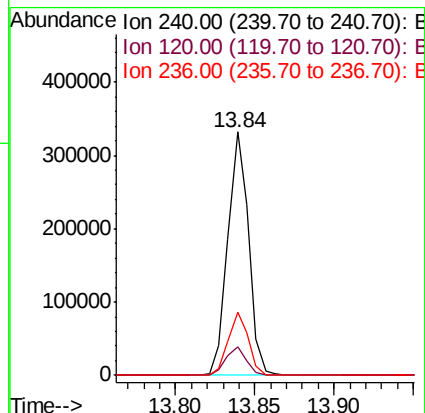
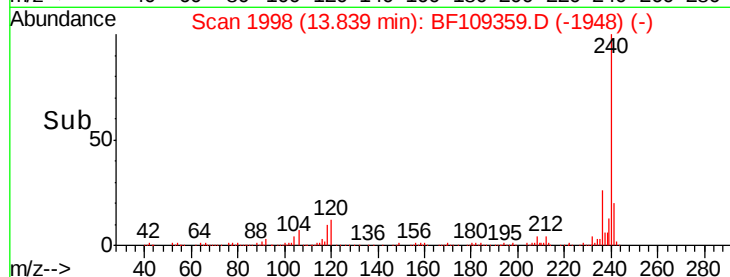
236 26.0 20.7 31.1



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: 71.443 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109359.D

Acq: 27 Sep 2018 1:51

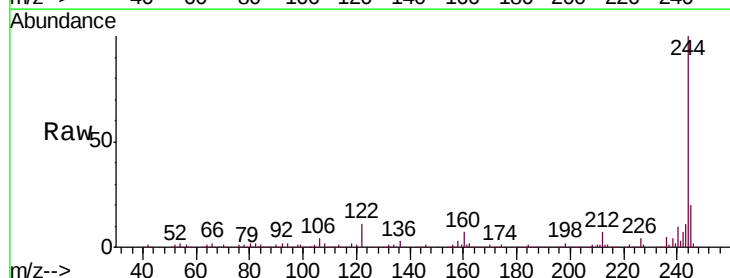
Tgt Ion:244 Resp: 876362

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

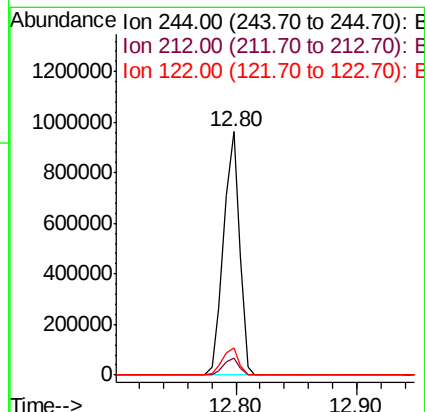
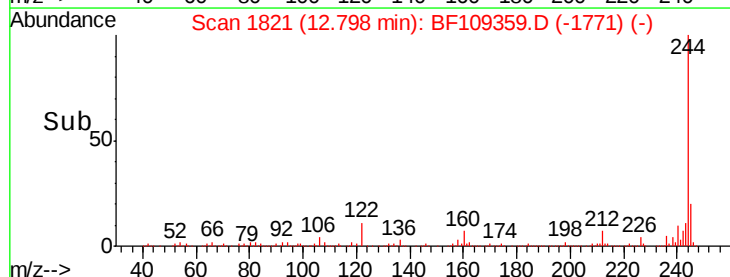
122 11.3 11.0 16.4

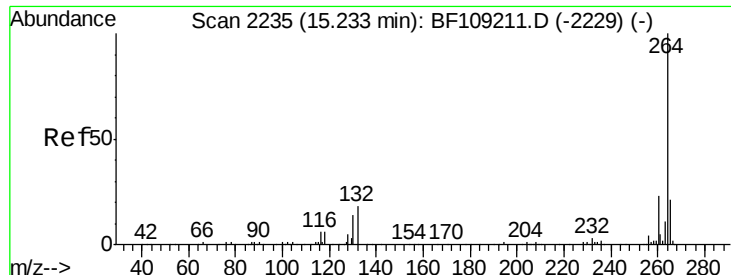


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109359.D
Acq: 27 Sep 2018 1:51

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW06-GW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.5	17.5	26.3

