

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109226.D
 Acq On : 22 Sep 2018 17:27
 Operator : JU/SJ
 Sample : J5004-03RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 06:48:48 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

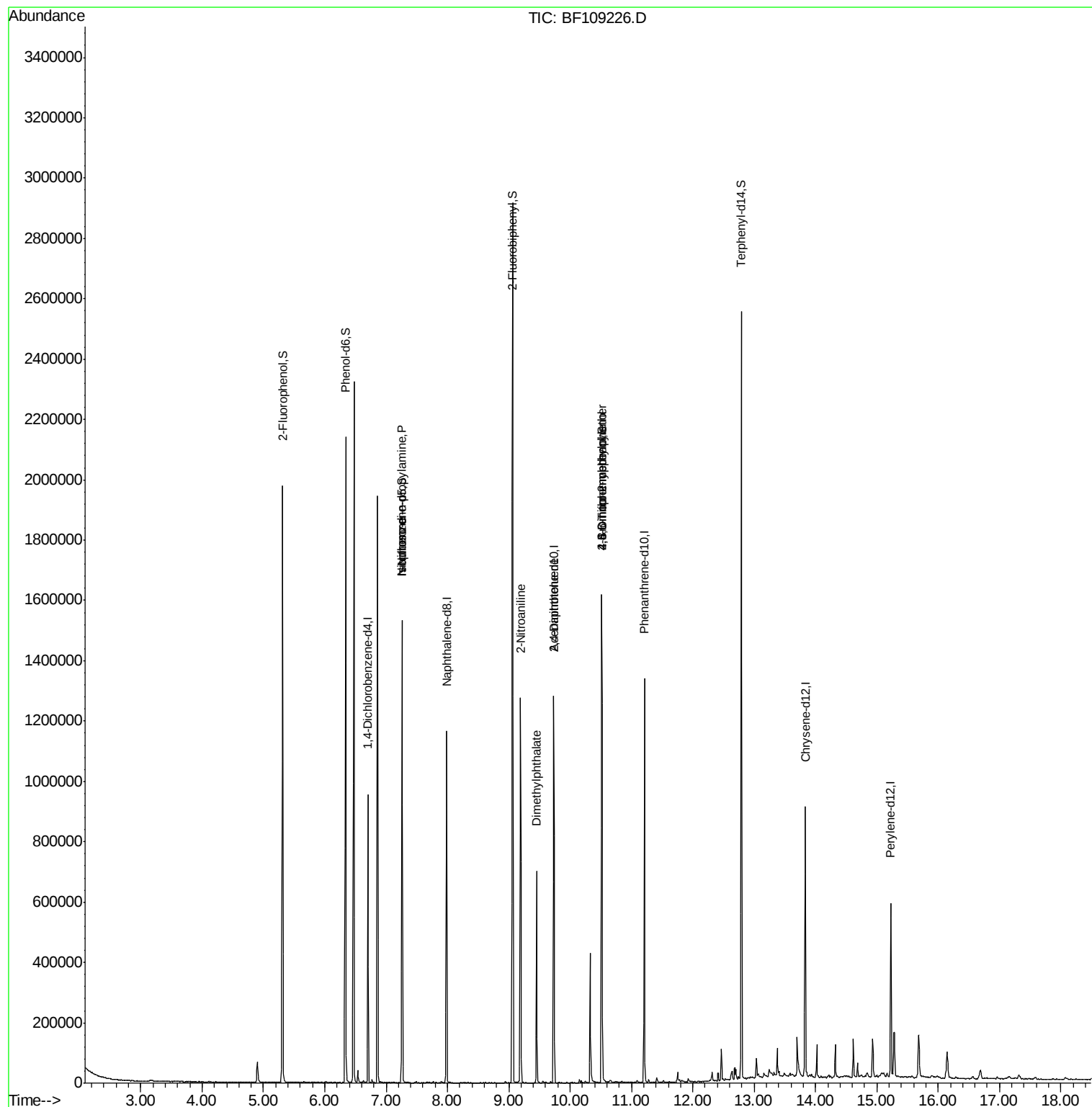
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	124156	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	481545	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	231544	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	440472	20.00	ng	0.00
75) Chrysene-d12	13.83	240	290893	20.00	ng	-0.01
86) Perylene-d12	15.23	264	259931	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	587130	77.89	ng	0.00
7) Phenol-d6	6.34	99	769577	80.01	ng	-0.02
23) Nitrobenzene-d5	7.26	82	480547	58.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	184947	81.03	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	844085	54.98	ng	-0.01
78) Terphenyl-d14	12.79	244	810887	68.41	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	65367	10.371	ng	# 79
25) Isophorone	7.26	82	425482	28.965	ng	# 64
47) 2-Nitroaniline	9.19	65	12977	3.037	ng	# 10
49) Dimethylphthalate	9.46	163	267006	15.855	ng	# 98
56) 2,4-Dinitrotoluene	9.73	165	29769	7.054	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	298	6.666	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11676	2.387	ng	# 1

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

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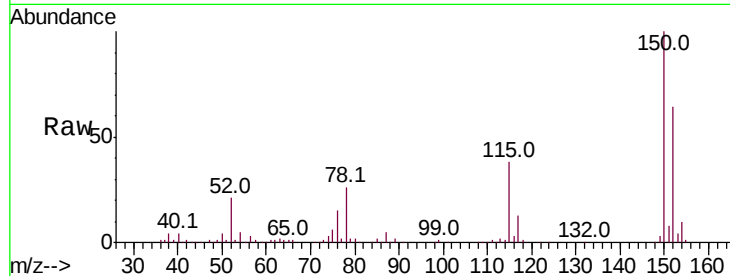


#1

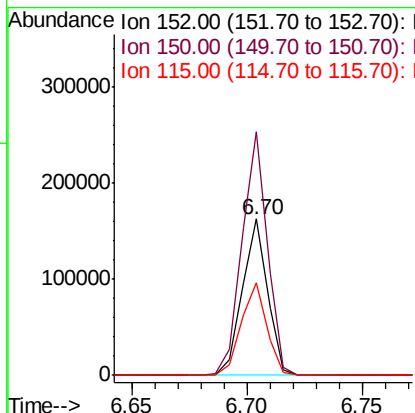
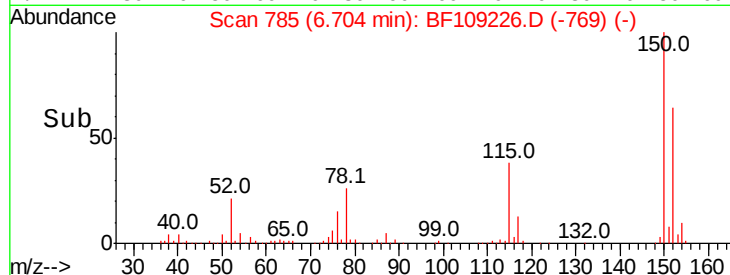
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109226.D
 Acq: 22 Sep 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	59.6	50.1	75.1



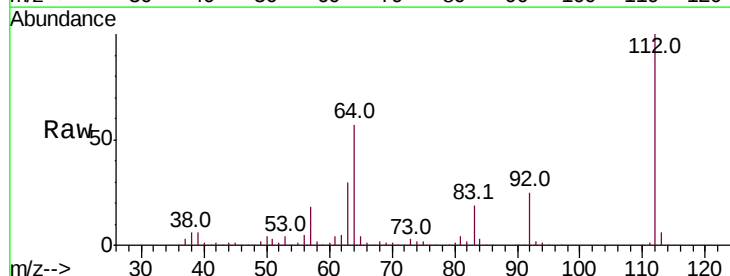
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



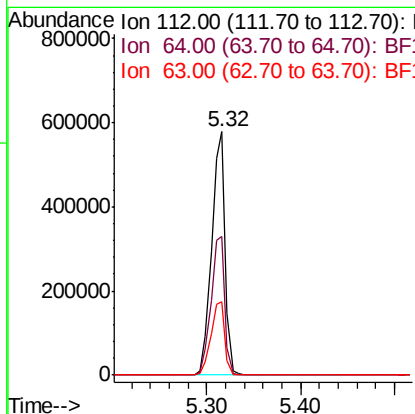
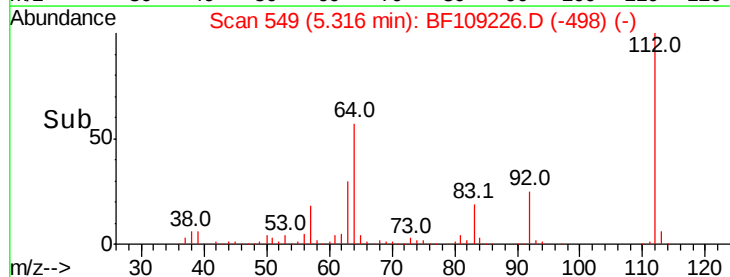
#5

2-Fluorophenol
 Concen: 77.890 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109226.D
 Acq: 22 Sep 2018 17:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	30.1	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: 80.008 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109226.D

Acq: 22 Sep 2018 17:27

Instrument :

BNA_F

ClientSampled :

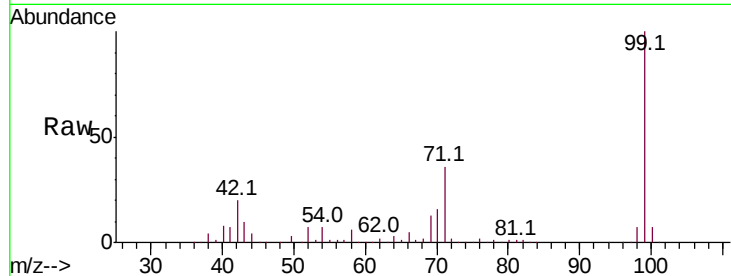
Tot Ion: 99 Resp: 769577

Ion Ratio Lower Upper

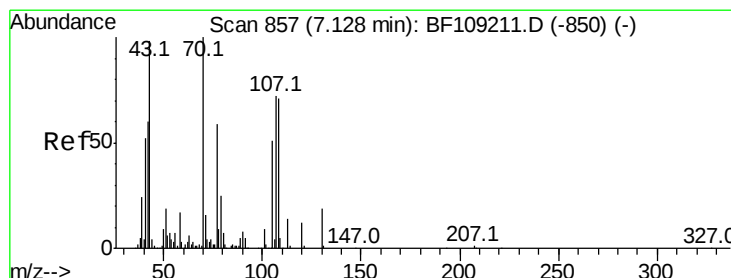
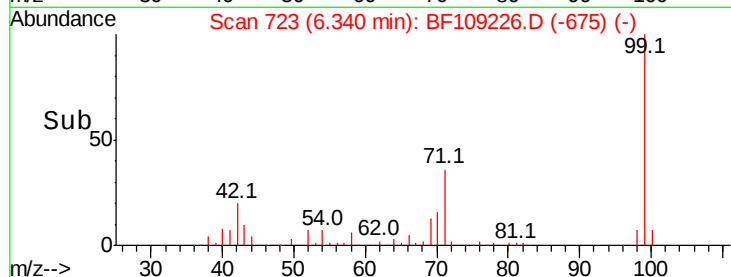
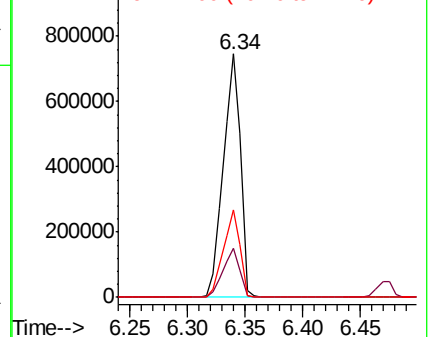
99 100

42 20.4 14.5 21.7

71 36.0 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: 10.371 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109226.D

Acq: 22 Sep 2018 17:27

Tgt Ion: 70 Resp: 65367

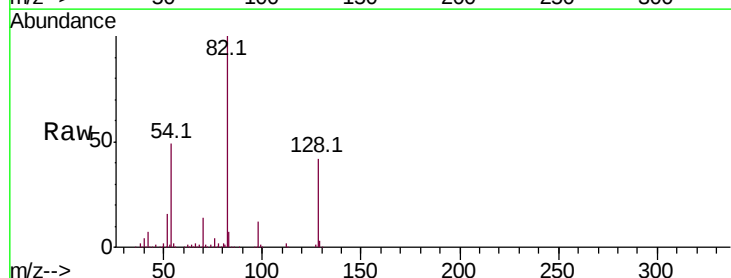
Ion Ratio Lower Upper

70 100

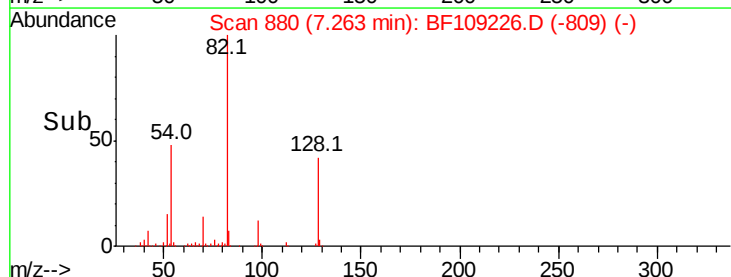
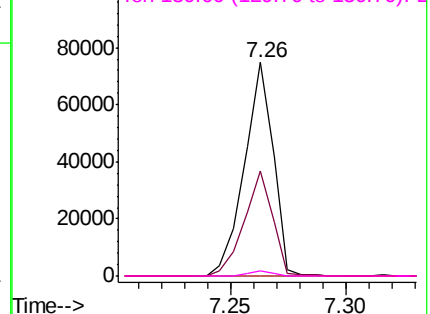
42 48.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 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: BF109226.D

Acq: 22 Sep 2018 17:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 481545

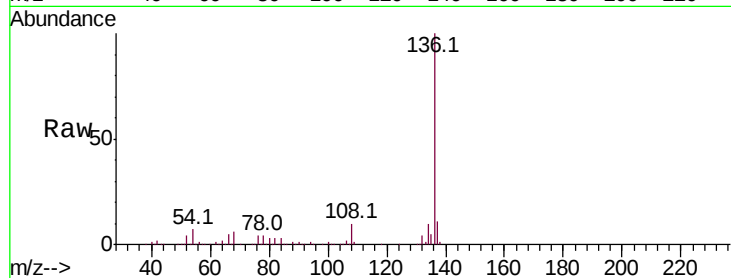
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 5.5 5.0 7.4

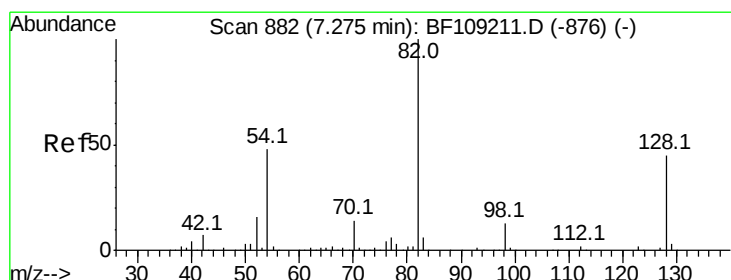
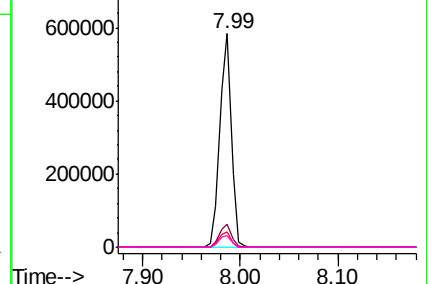
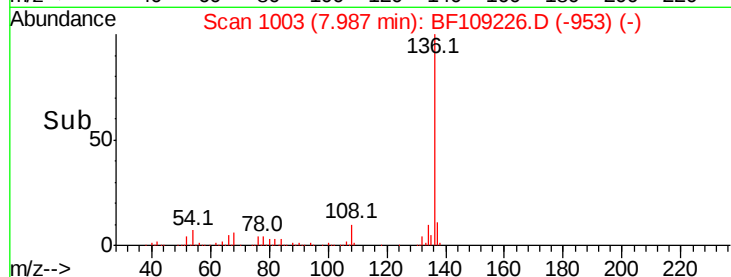


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.909 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109226.D

Acq: 22 Sep 2018 17:27

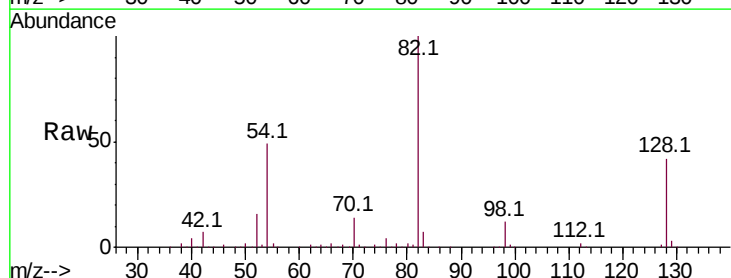
Tgt Ion: 82 Resp: 480547

Ion Ratio Lower Upper

82 100

128 41.7 36.1 54.1

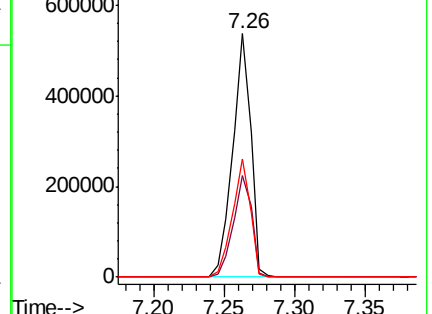
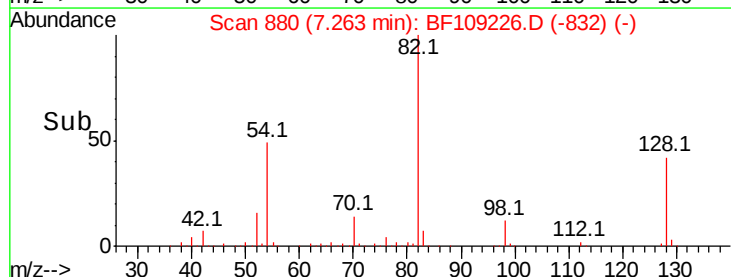
54 48.7 41.4 62.2

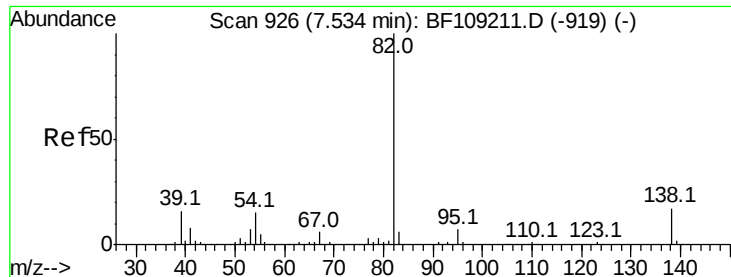


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 28.965 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF109226.D

Acq: 22 Sep 2018 17:27

Instrument :

BNA_F

ClientSampleId :

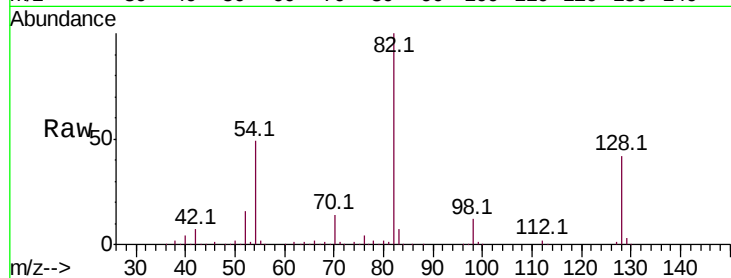
Tot Ion: 82 Resp: 425482

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

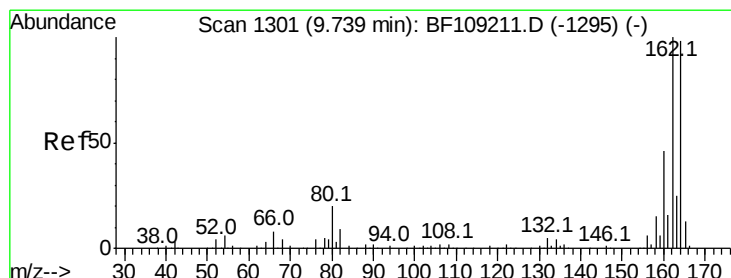
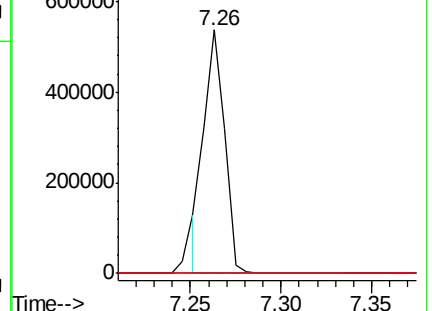
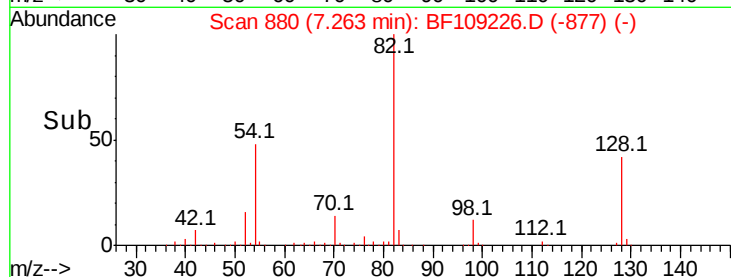
138 0.0 14.9 22.3#



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# 1300

Delta R.T. -0.01 min

Lab File: BF109226.D

Acq: 22 Sep 2018 17:27

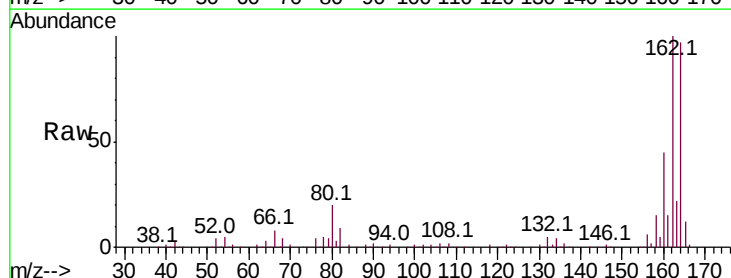
Tgt Ion: 164 Resp: 231544

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

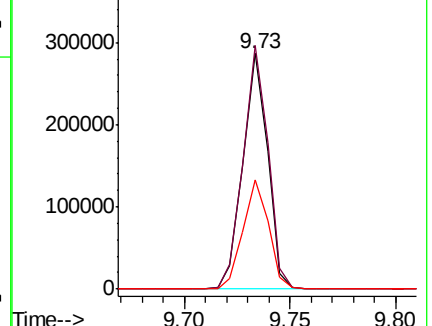
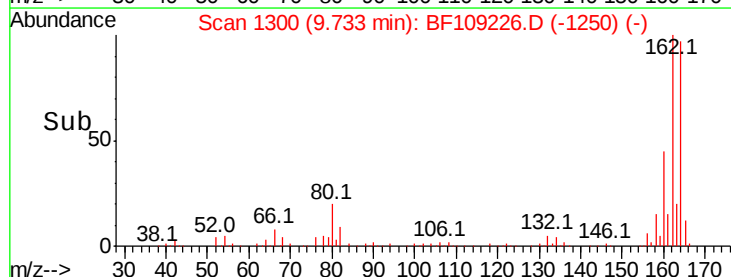
160 46.1 38.3 57.5

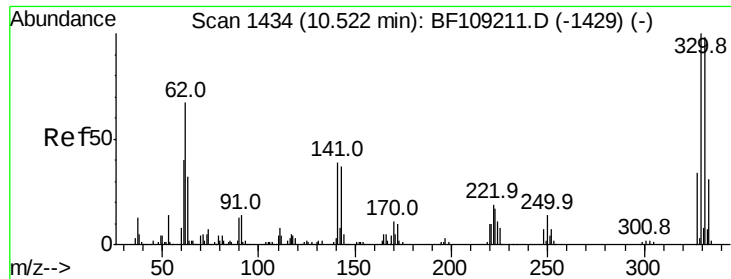


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

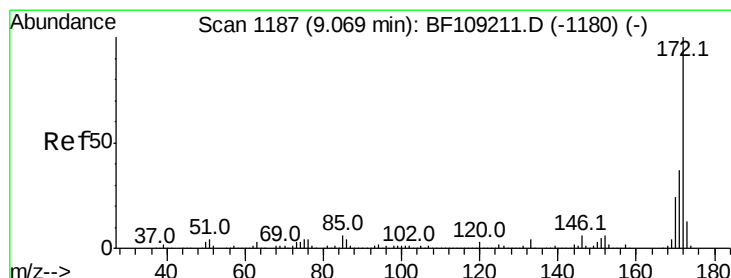
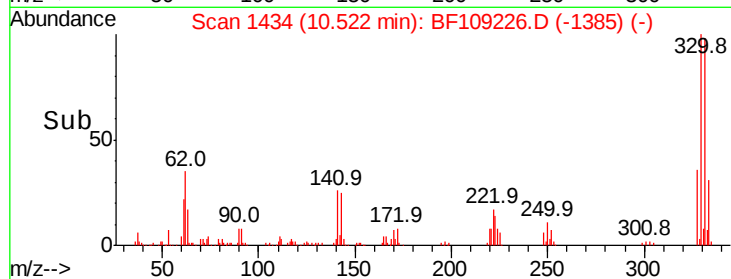
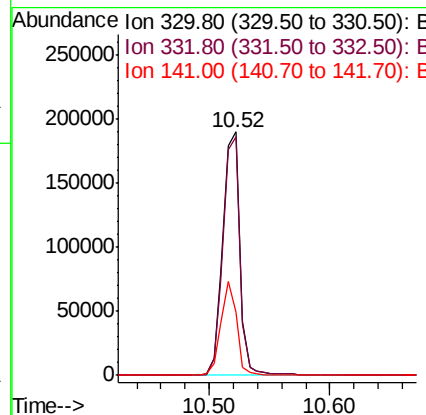
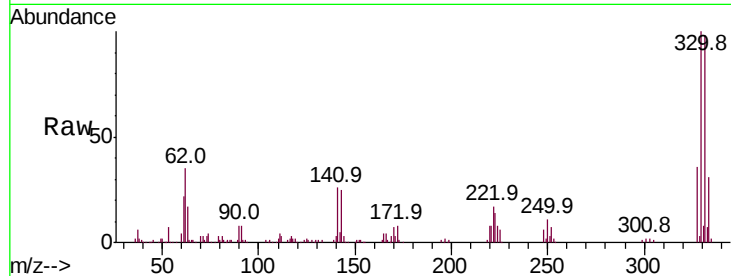




#41
 2,4,6-Tribromophenol
 Concen: 81.027 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109226.D
 Acq: 22 Sep 2018 17:27

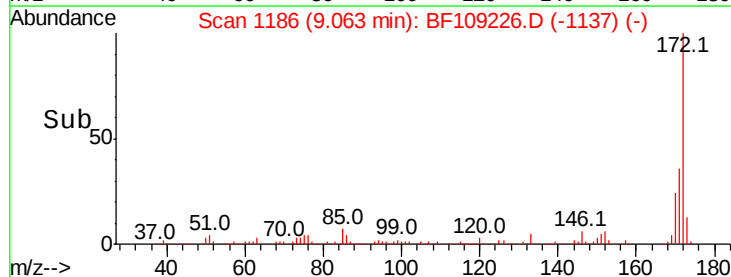
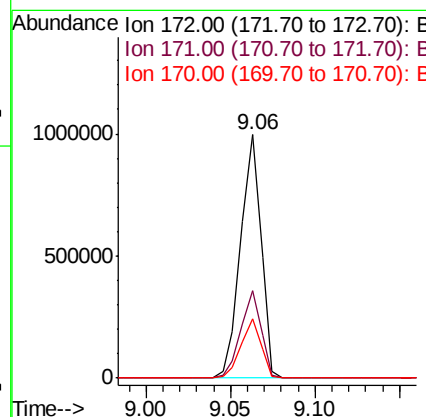
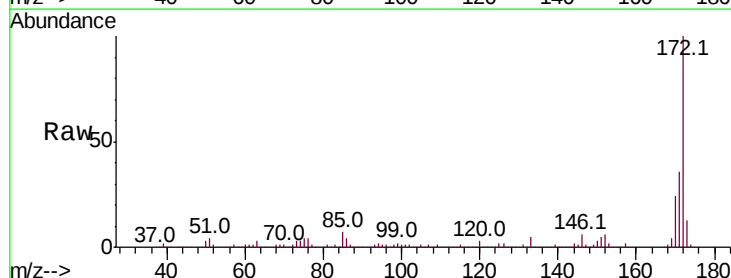
Instrument :
 BNA_F
 ClientSampled :

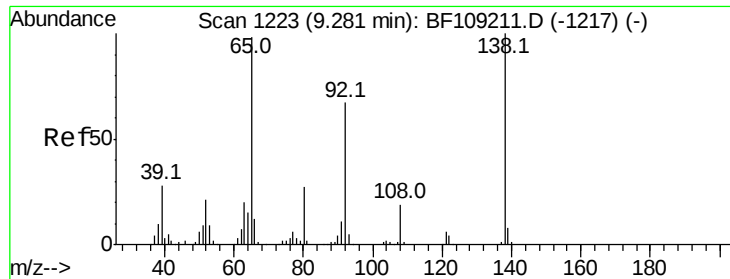
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	35.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 54.981 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109226.D
 Acq: 22 Sep 2018 17:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4

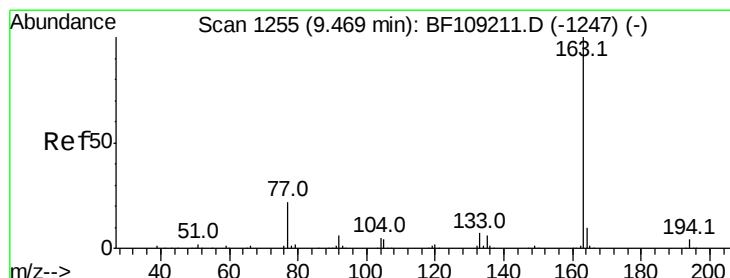
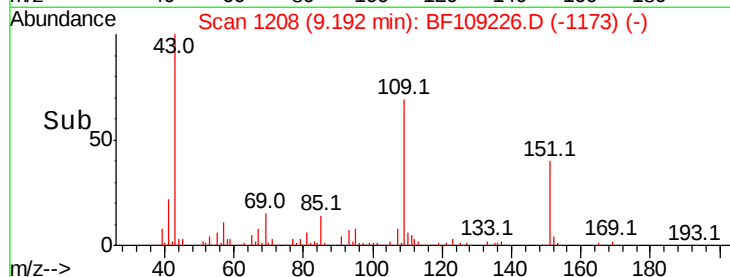
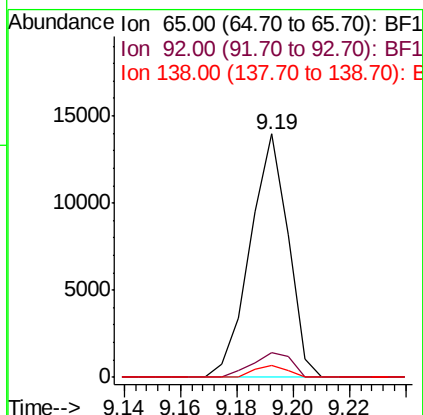
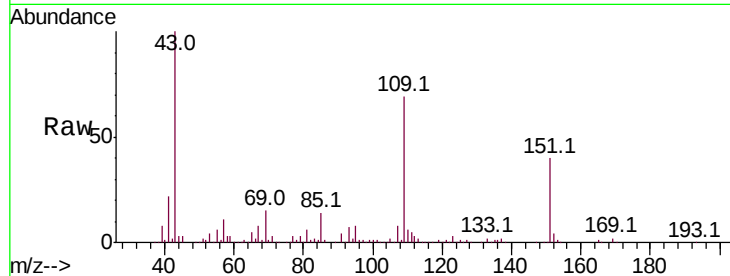




#47
2-Nitroaniline
Concen: 3.037 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.09 min
Lab File: BF109226.D
Acq: 22 Sep 2018 17:27

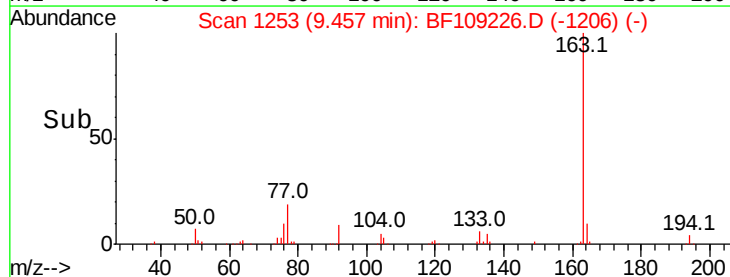
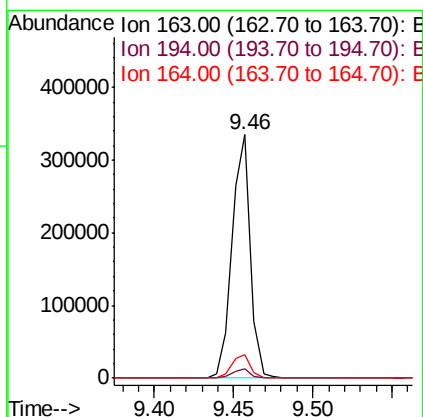
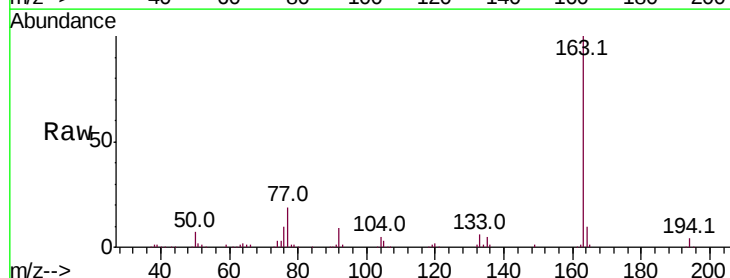
Instrument :
BNA_F
ClientSampleId :

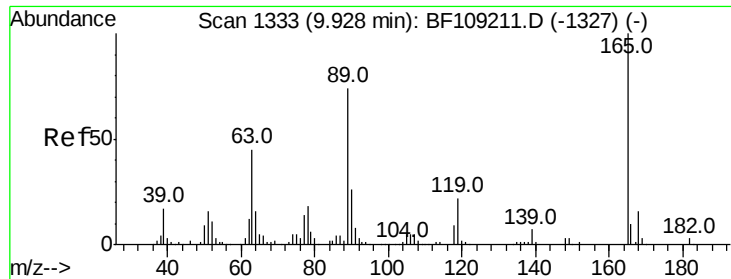
Tot Ion: 65 Resp: 12977
Ion Ratio Lower Upper
65 100
92 10.4 55.8 83.6#
138 4.8 91.2 136.8#



#49
Dimethylphthalate
Concen: 15.855 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109226.D
Acq: 22 Sep 2018 17:27

Tgt Ion:163 Resp: 267006
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.6 8.2 12.2

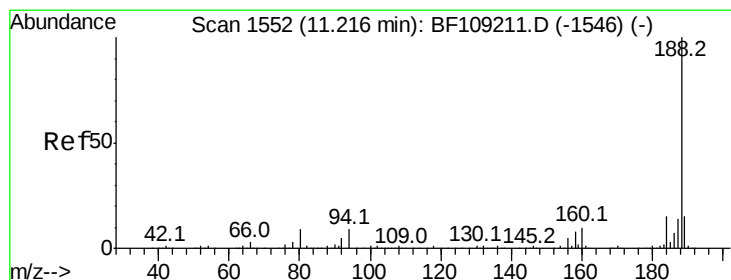
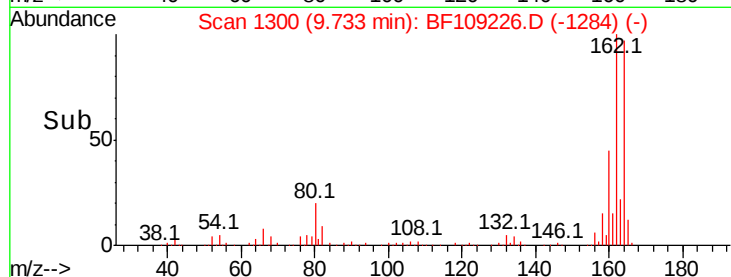
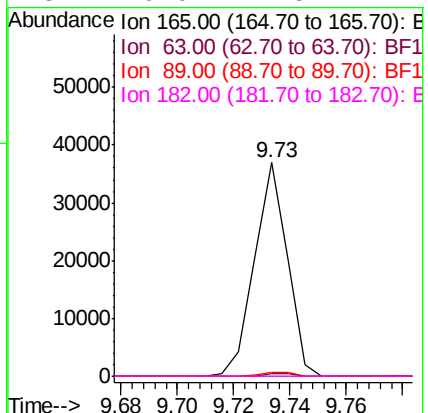
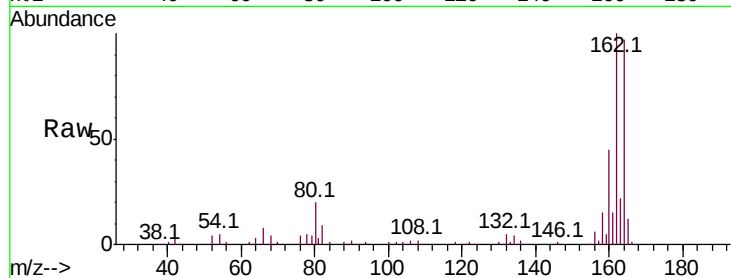




#56
 2,4-Dinitrotoluene
 Concen: 7.054 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109226.D
 Acq: 22 Sep 2018 17:27

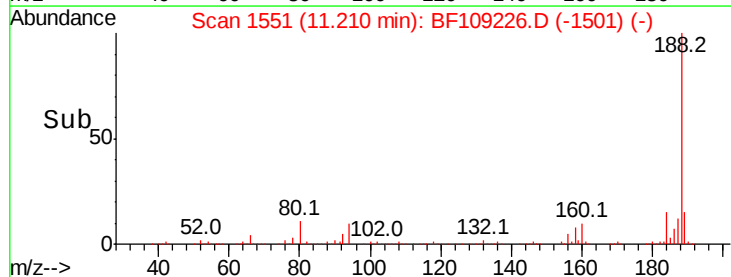
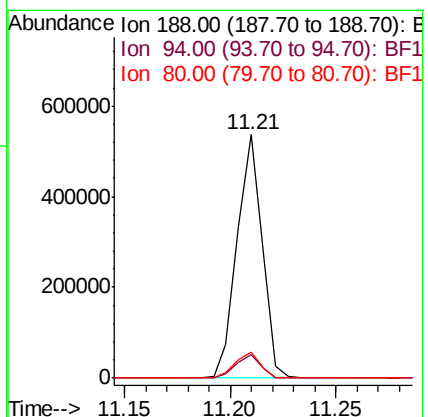
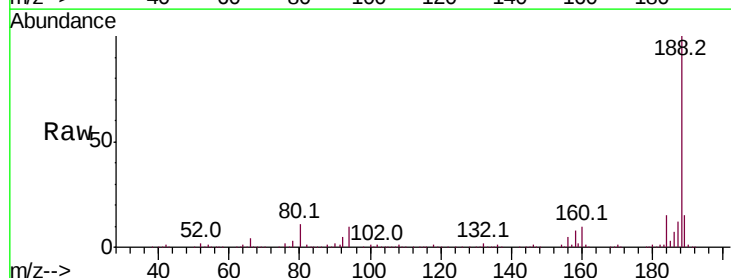
Instrument :
 BNA_F
 ClientSampleId :

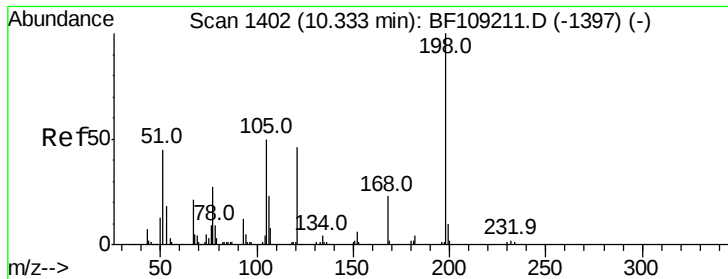
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109226.D
 Acq: 22 Sep 2018 17:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.8	9.2	13.8

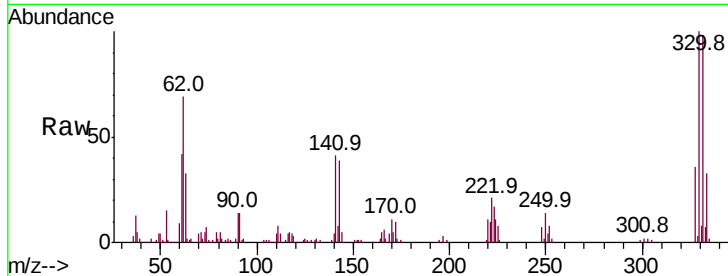




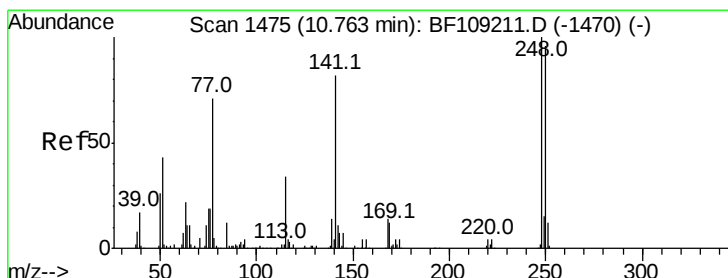
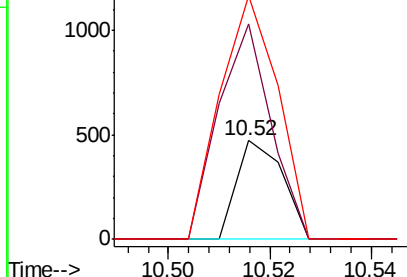
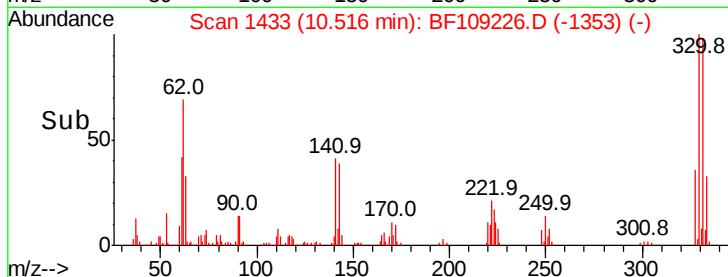
#64
4,6-Dinitro-2-methylphenol
Concen: 6.666 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109226.D
Acq: 22 Sep 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 298
Ion Ratio Lower Upper
198 100
51 218.4 37.7 77.7#
105 247.0 36.3 76.3#

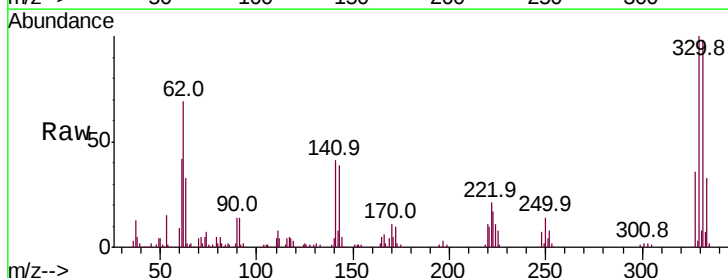


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

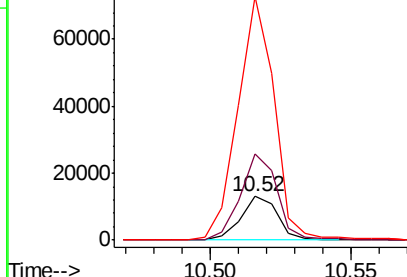
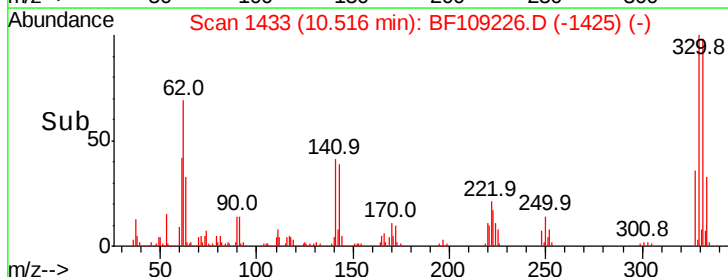


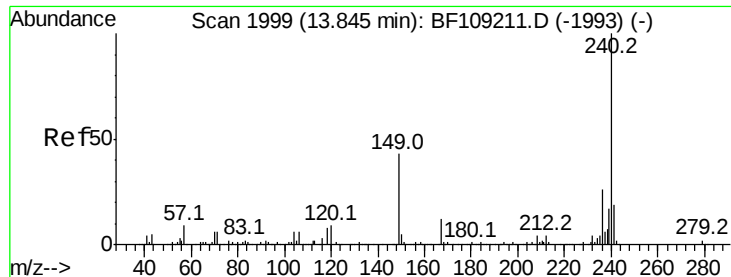
#66
4-Bromophenyl-phenylether
Concen: 2.387 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109226.D
Acq: 22 Sep 2018 17:27

Tgt Ion:248 Resp: 11676
Ion Ratio Lower Upper
248 100
250 198.8 76.9 115.3#
141 560.9 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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109226.D

Acq: 22 Sep 2018 17:27

Instrument :

BNA_F

ClientSampleId :

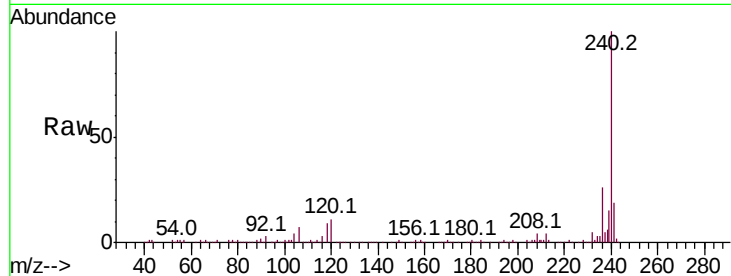
Tot Ion:240 Resp: 290893

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

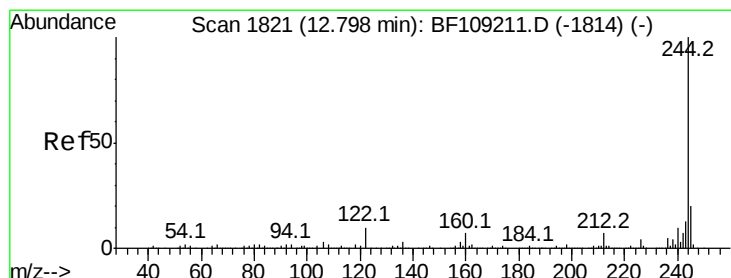
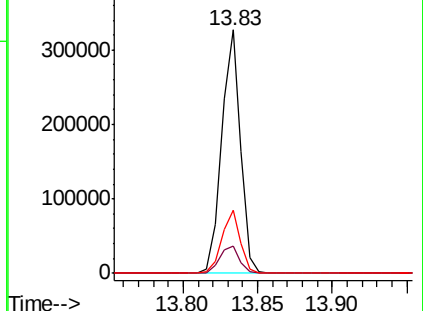
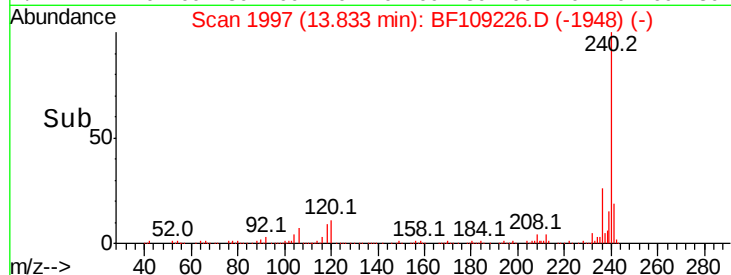
236 25.8 20.7 31.1



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: 68.412 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109226.D

Acq: 22 Sep 2018 17:27

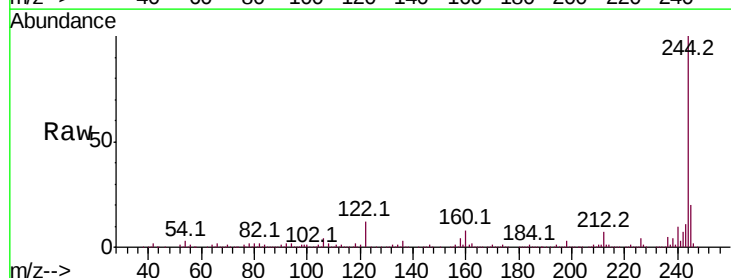
Tgt Ion:244 Resp: 810887

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

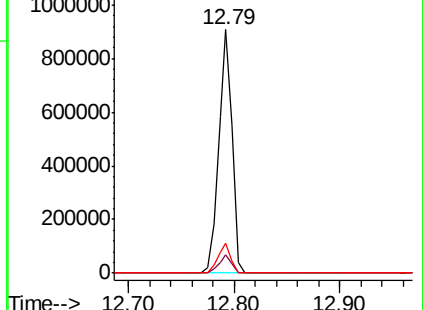
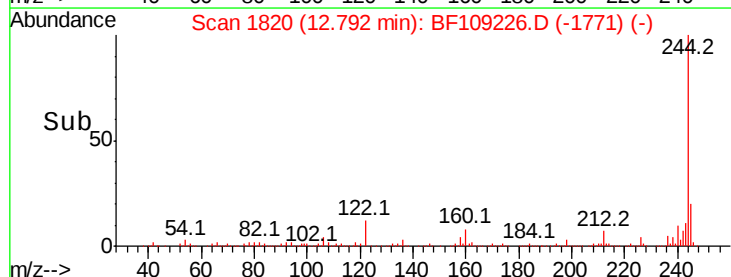
122 12.2 11.0 16.4

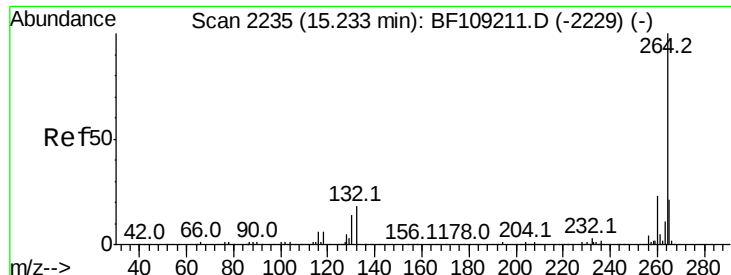


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF109226.D
 Acq: 22 Sep 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.0	17.5	26.3

