

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109917.D
 Acq On : 17 Oct 2018 11:59
 Operator : JU/SJ
 Sample : J5540-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 12:53:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

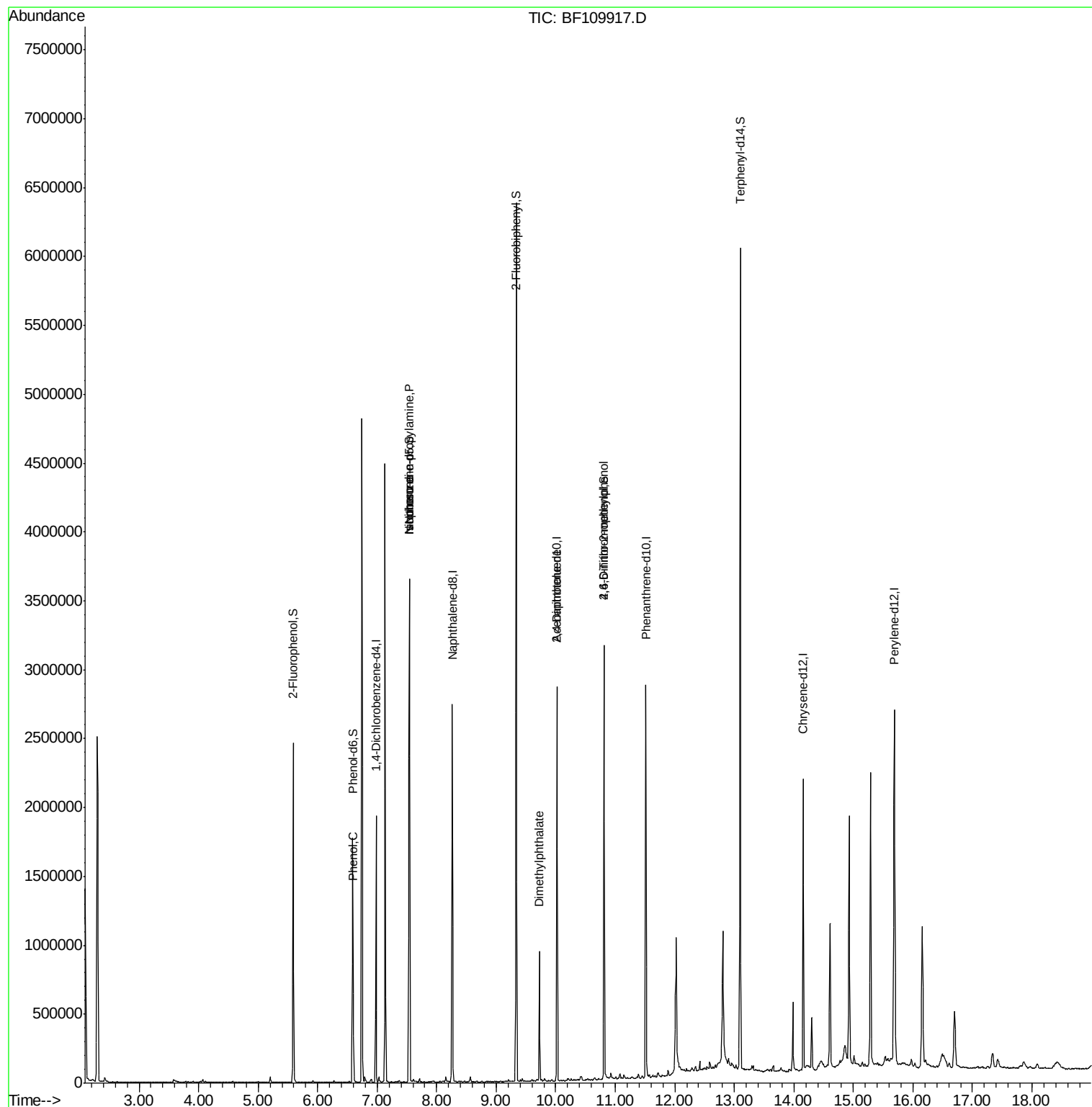
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	274105	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1098277	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	519954	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	989056	20.00	ng	0.00
76) Chrysene-d12	14.16	240	665366	20.00	ng	0.00
87) Perylene-d12	15.69	264	551009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	646459	37.38	ng	0.00
7) Phenol-d6	6.59	99	509264	23.72	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1180449	72.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	334281	74.26	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2037178	62.52	ng	0.00
79) Terphenyl-d14	13.10	244	2051953	64.76	ng	0.00
Target Compounds						
10) Phenol	6.60	94	133642	5.765	ng	# 61
19) n-Nitroso-di-n-propylamine	7.54	70	153744	11.151	ng	# 79
25) Isophorone	7.54	82	1178784	36.797	ng	# 67
50) Dimethylphthalate	9.73	163	335629	9.116	ng	99
57) 2,4-Dinitrotoluene	10.02	165	68430	11.590	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.81	198	752	8.080	ng	# 1

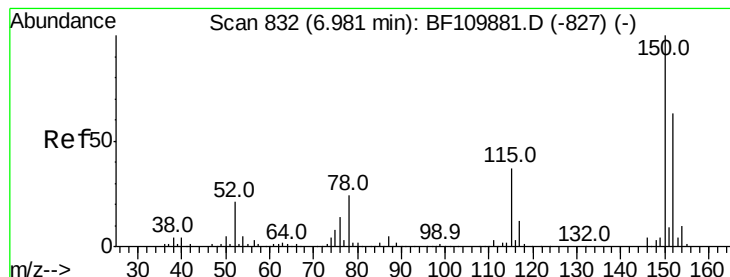
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 17 12:53:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



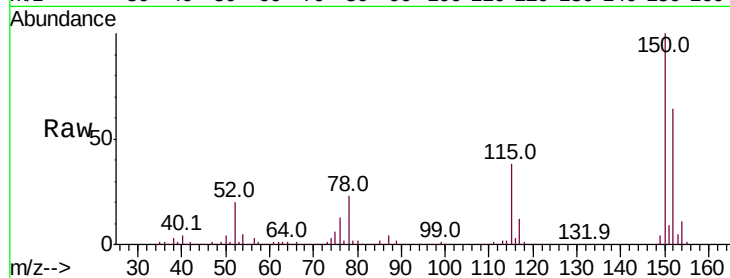


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109917.D
Acq: 17 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	59.8	49.1	73.7

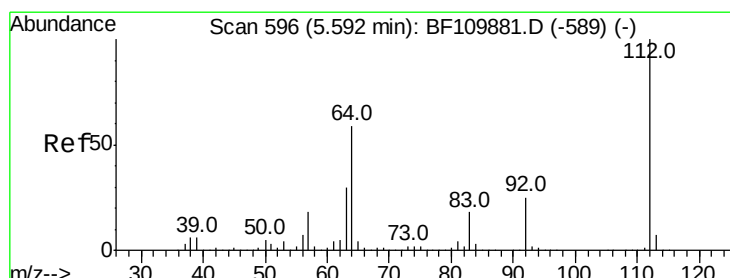
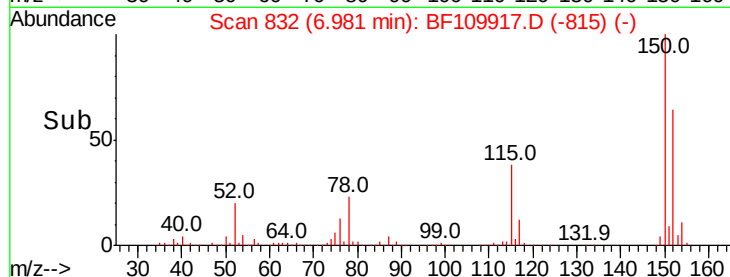
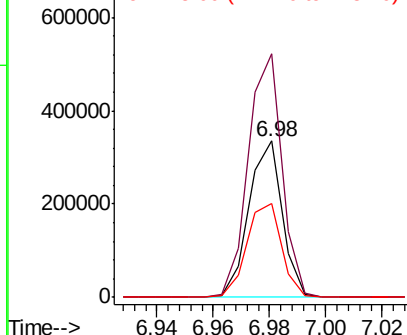


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

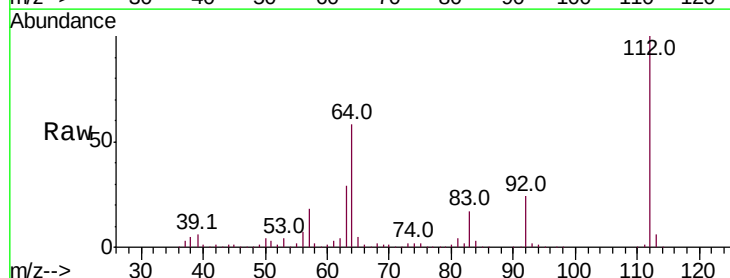
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.384 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109917.D
Acq: 17 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	28.9	23.7	35.5

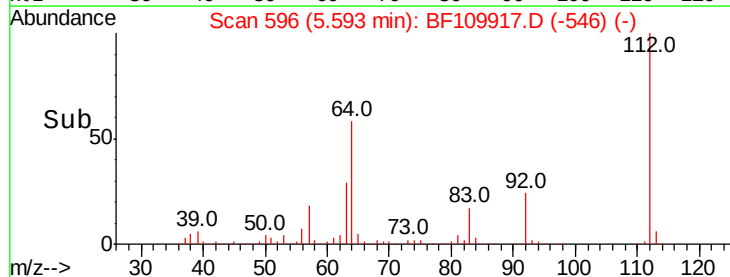
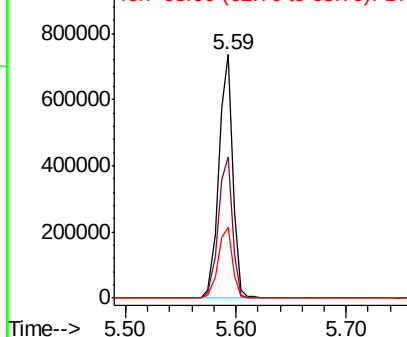


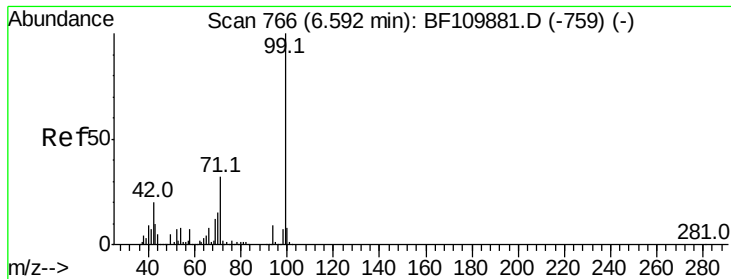
Abundance

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: 23.717 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109917.D

Acq: 17 Oct 2018 11:59

Instrument :

BNA_F

ClientSampleId :

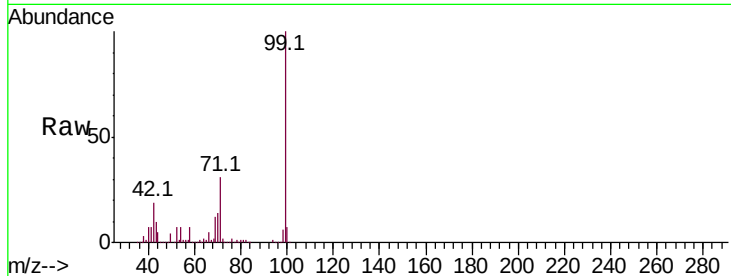
Tot Ion: 99 Resp: 509264

Ion Ratio Lower Upper

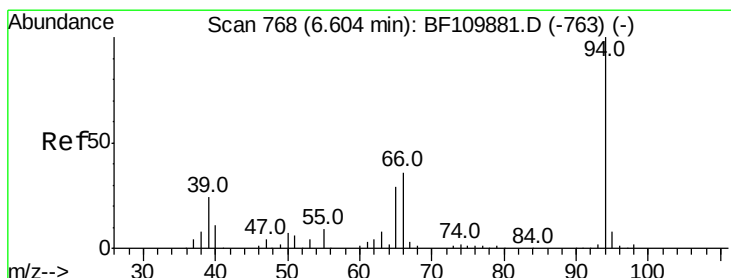
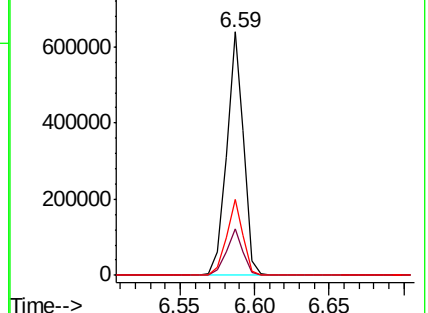
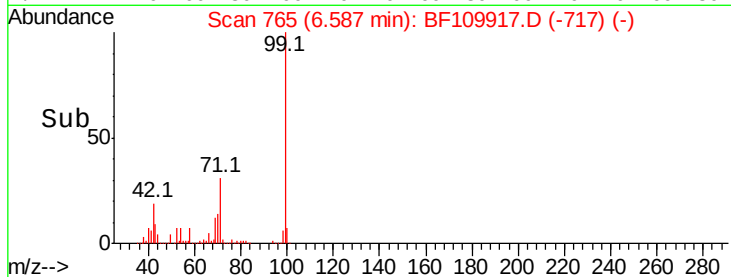
99 100

42 18.9 15.8 23.6

71 31.2 28.0 42.0



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: 5.765 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF109917.D

Acq: 17 Oct 2018 11:59

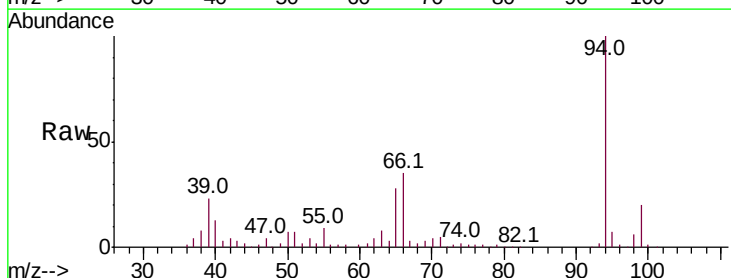
Tgt Ion: 94 Resp: 133642

Ion Ratio Lower Upper

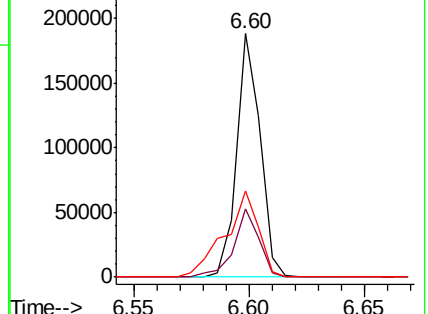
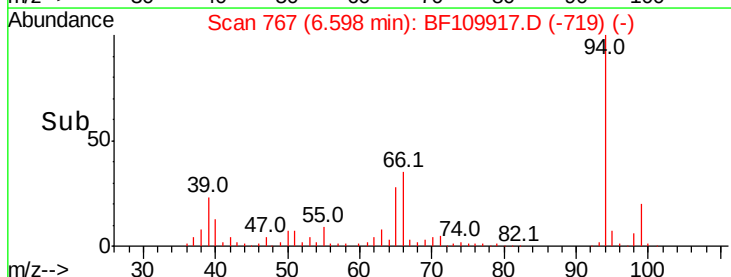
94 100

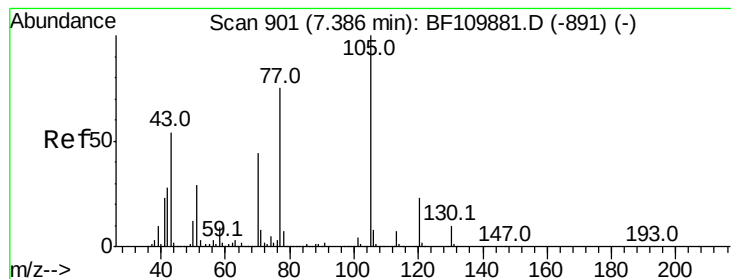
65 28.1 25.3 65.3

66 35.4 54.5 94.5#



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: 11.151 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF109917.D

Acq: 17 Oct 2018 11:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 153744

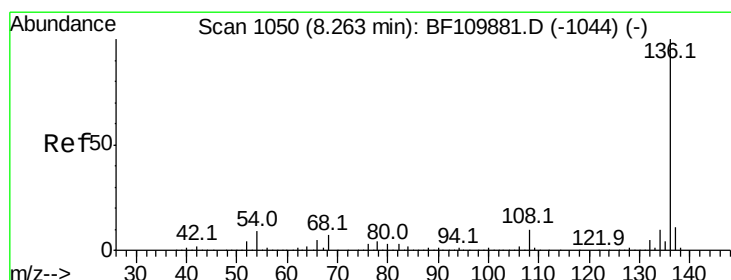
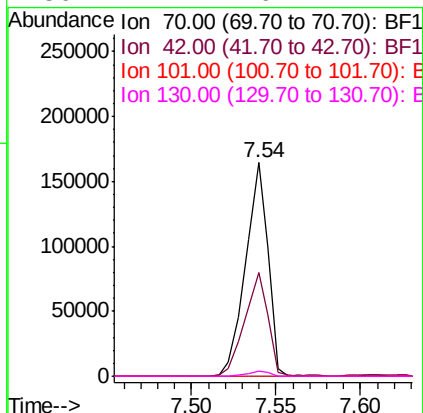
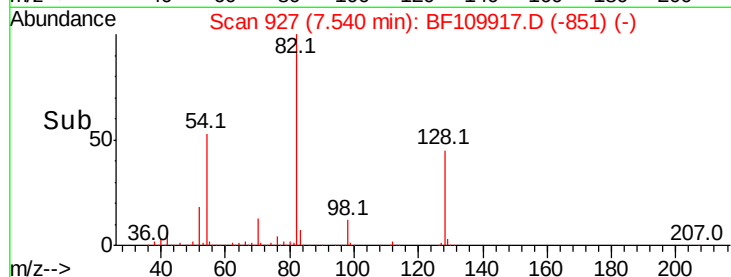
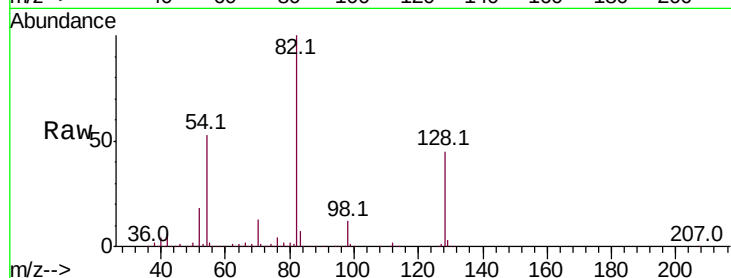
Ion Ratio Lower Upper

70 100

42 48.6 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF109917.D

Acq: 17 Oct 2018 11:59

Tgt Ion:136 Resp: 1098277

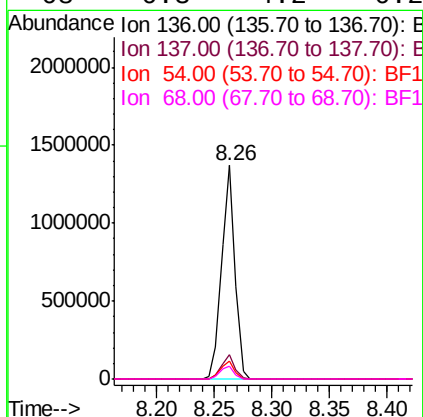
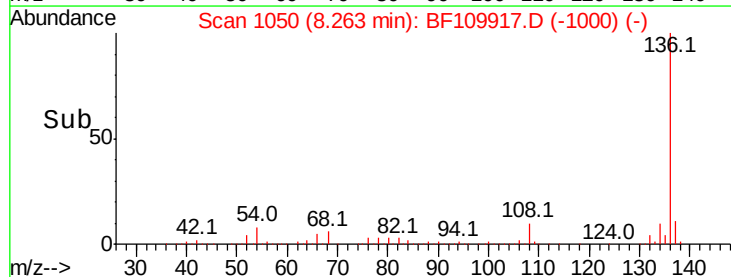
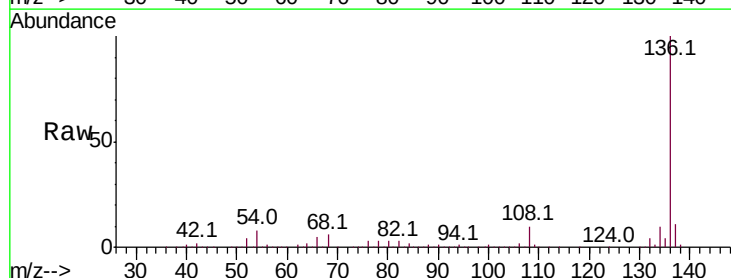
Ion Ratio Lower Upper

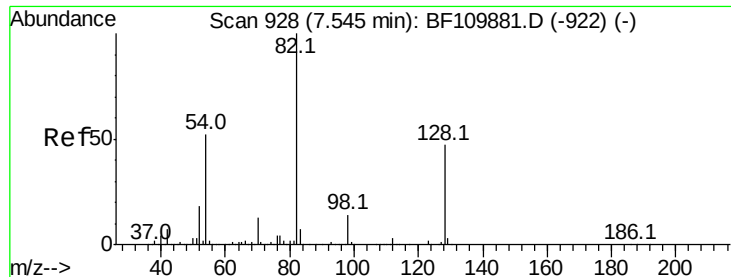
136 100

137 11.3 8.8 13.2

54 8.3 5.4 8.2#

68 6.3 4.2 6.2#





#23

Nitrobenzene-d5

Concen: 72.404 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF109917.D

Acq: 17 Oct 2018 11:59

Instrument :

BNA_F

ClientSampleId :

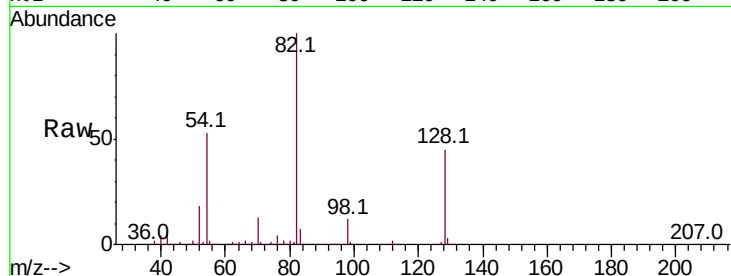
Tot Ion: 82 Resp: 1180449

Ion Ratio Lower Upper

82 100

128 44.8 34.2 51.2

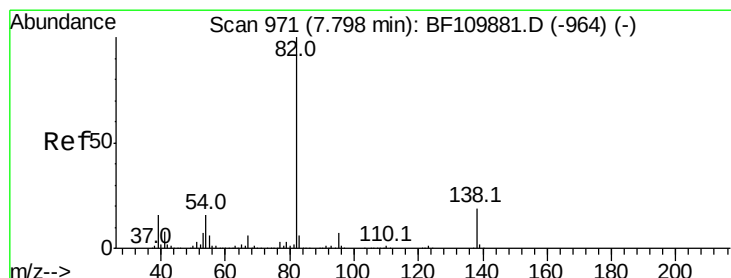
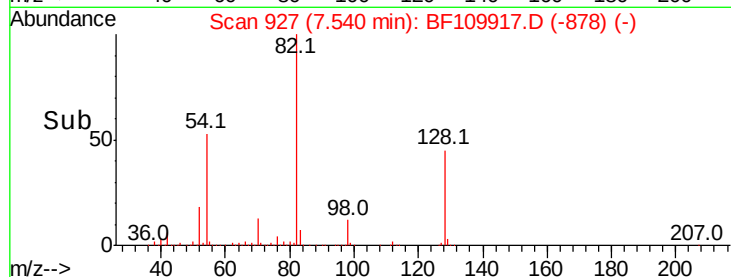
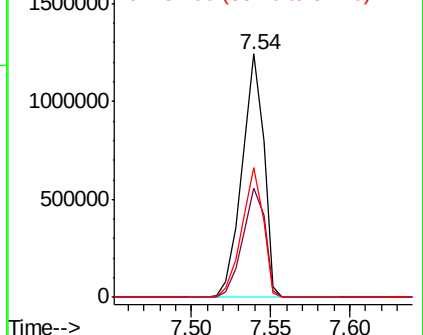
54 53.2 38.6 58.0



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: 36.797 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.26 min

Lab File: BF109917.D

Acq: 17 Oct 2018 11:59

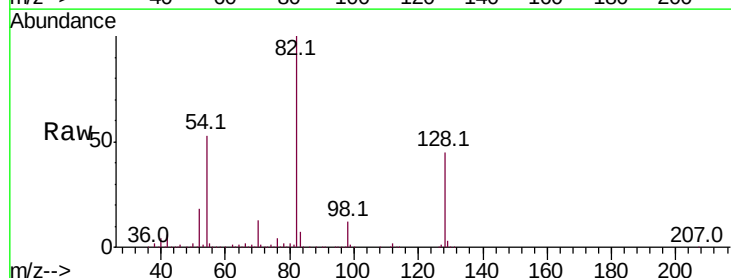
Tgt Ion: 82 Resp: 1178784

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

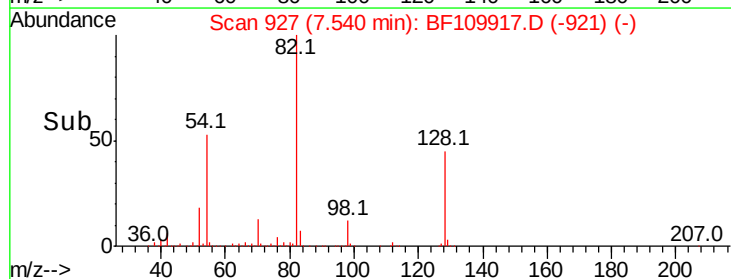
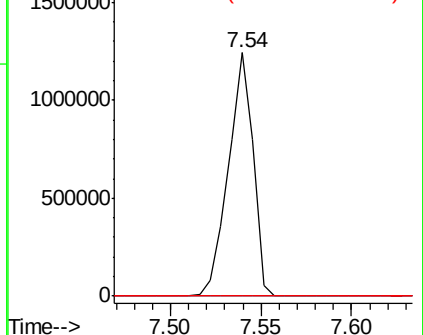
138 0.0 13.2 19.8#

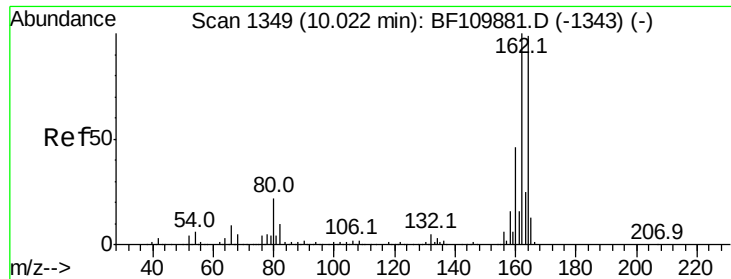


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

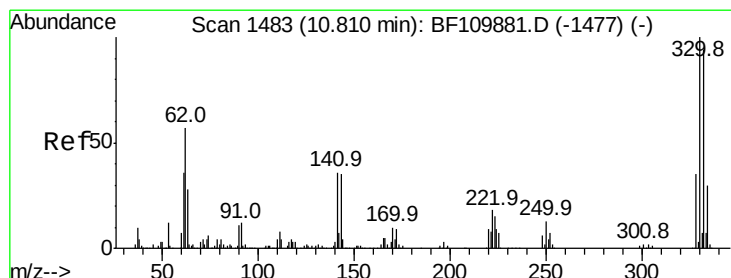
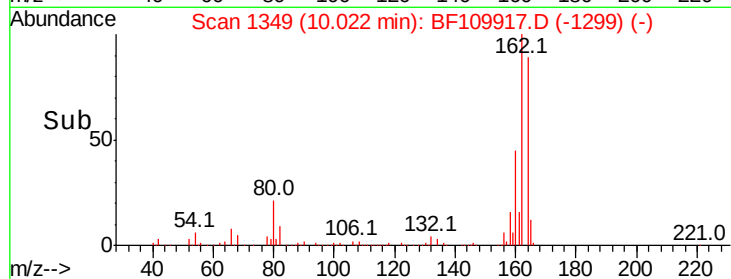
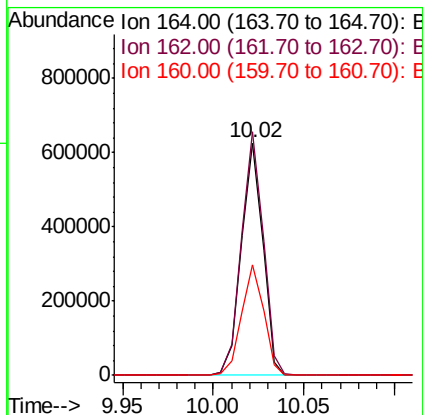
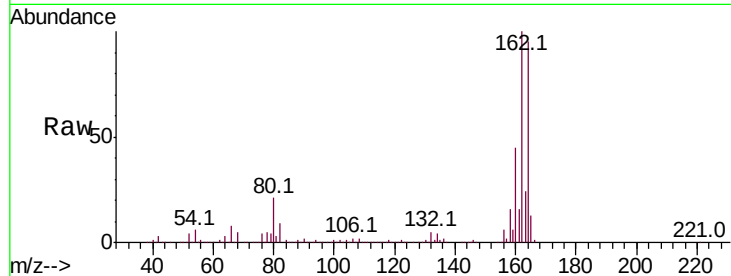




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF109917.D
 Acq: 17 Oct 2018 11:59

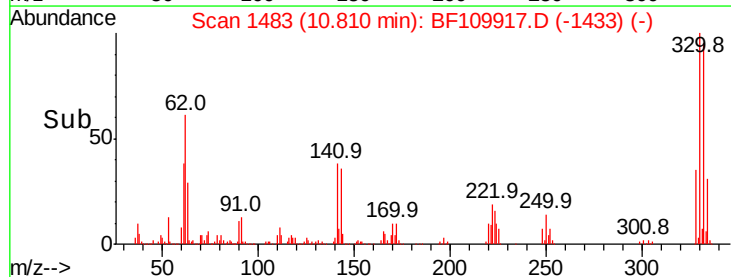
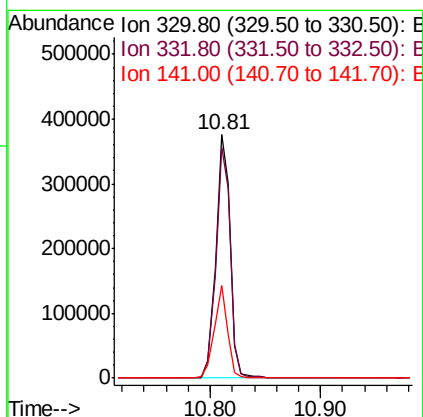
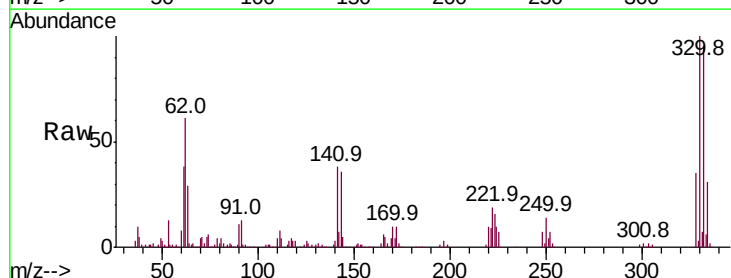
Instrument :
 BNA_F
 ClientSampled :

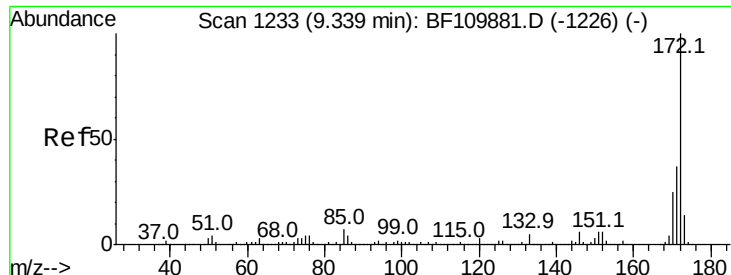
Tot Ion:164 Resp: 519954
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.0 124.6
 160 47.4 37.0 55.6



#42
 2,4,6-Tribromophenol
 Concen: 74.258 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109917.D
 Acq: 17 Oct 2018 11:59

Tgt Ion:330 Resp: 334281
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 35.6 27.0 40.4

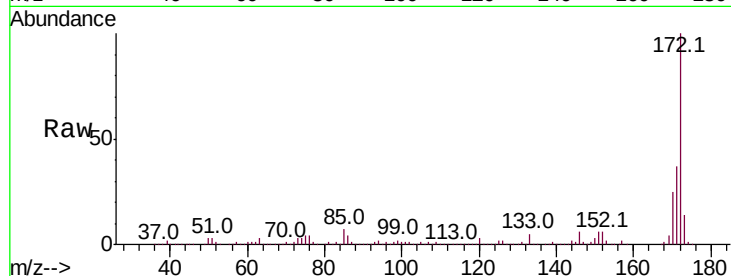




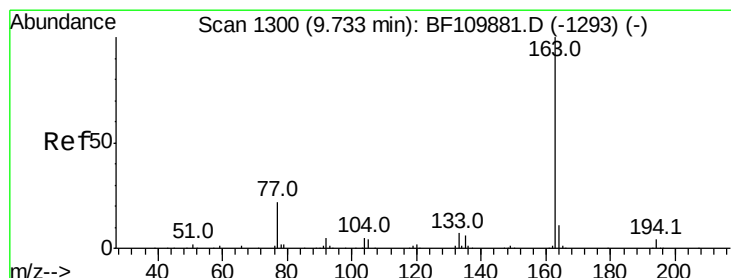
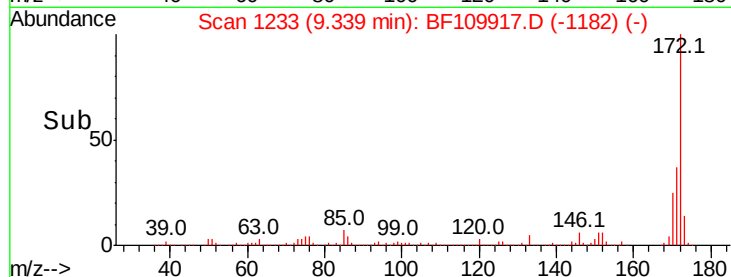
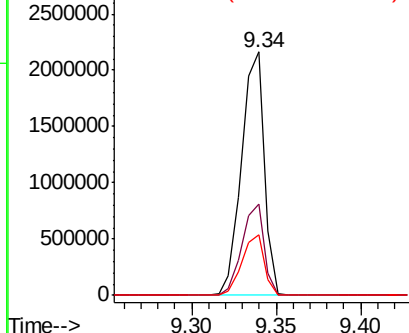
#45
2-Fluorobiphenyl
Concen: 62.518 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109917.D
Acq: 17 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2037178
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 24.7 19.7 29.5

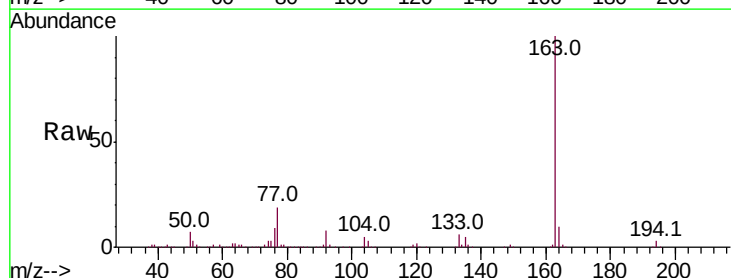


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

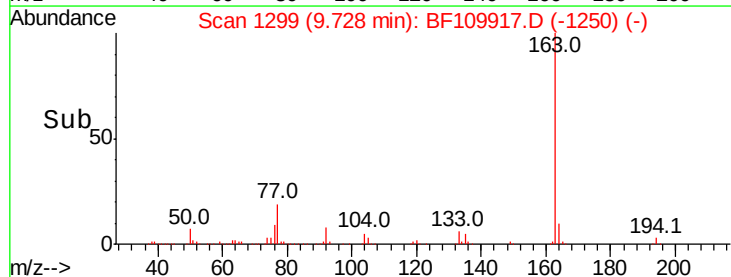
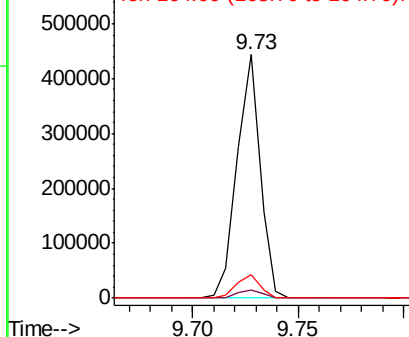


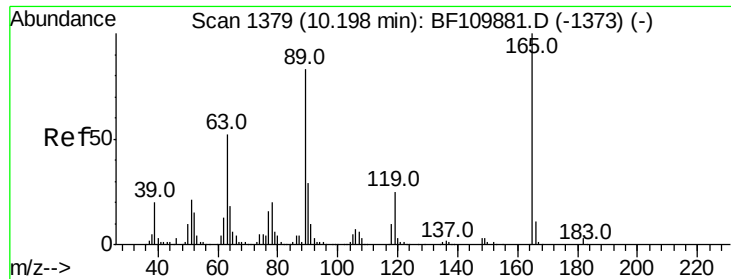
#50
Dimethylphthalate
Concen: 9.116 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109917.D
Acq: 17 Oct 2018 11:59

Tgt Ion:163 Resp: 335629
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 9.9 8.1 12.1



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

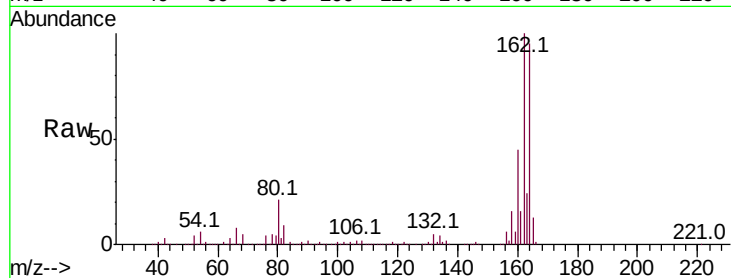




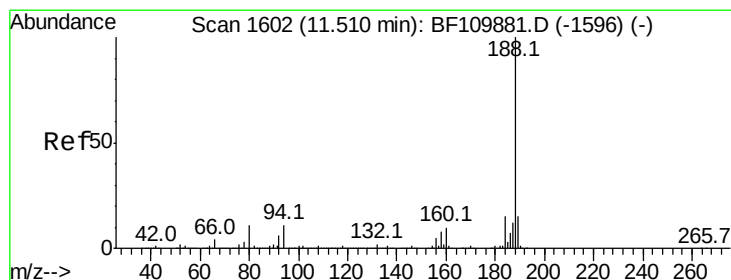
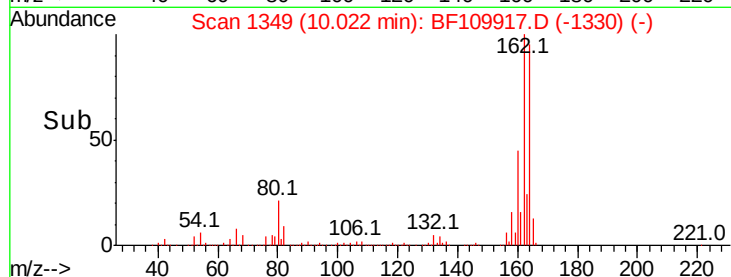
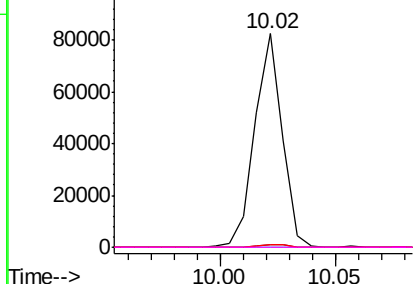
#57
 2,4-Dinitrotoluene
 Concen: 11.590 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.19 min
 Lab File: BF109917.D
 Acq: 17 Oct 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 68430
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.8 67.2#
 89 1.1 62.2 93.4#
 182 0.0 2.1 3.1#

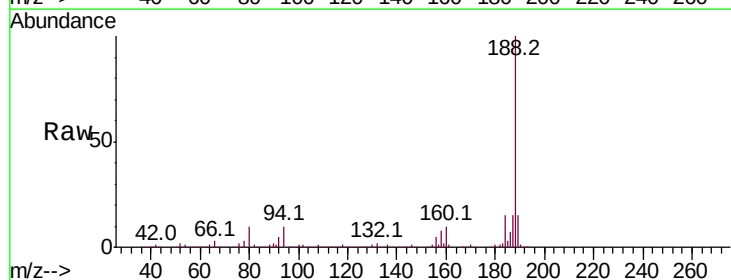


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

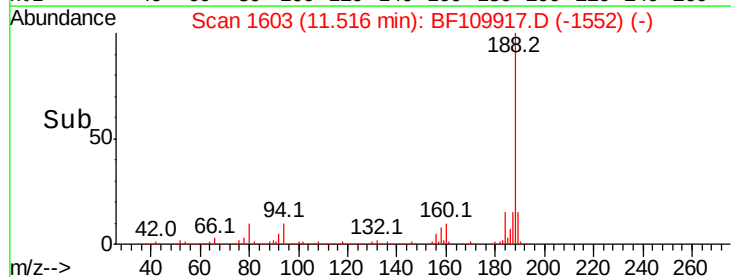
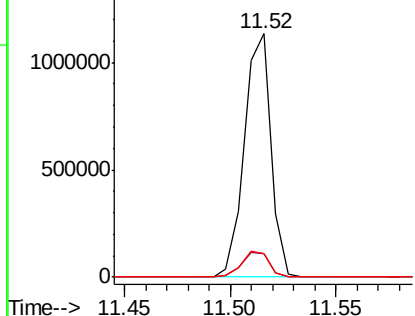


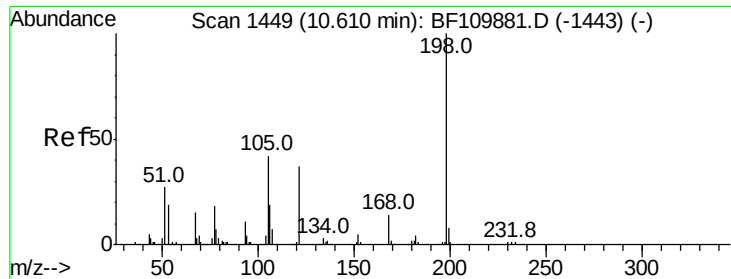
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BF109917.D
 Acq: 17 Oct 2018 11:59

Tgt Ion:188 Resp: 989056
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.2 10.8
 80 9.8 7.9 11.9



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

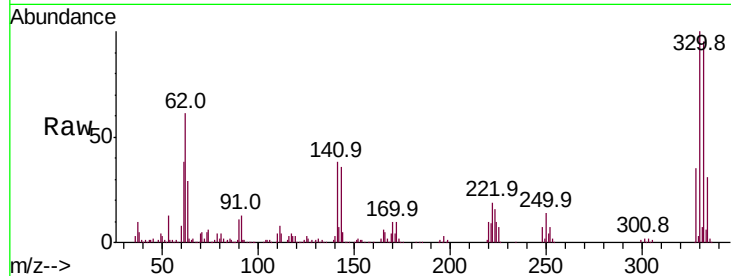




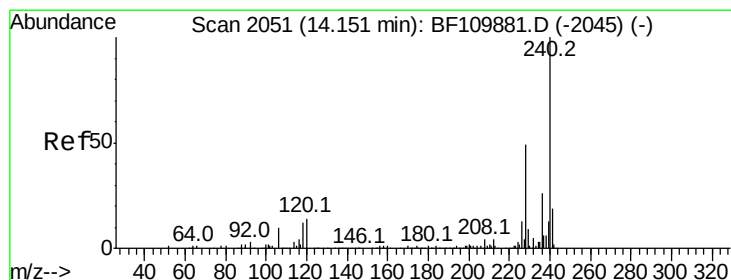
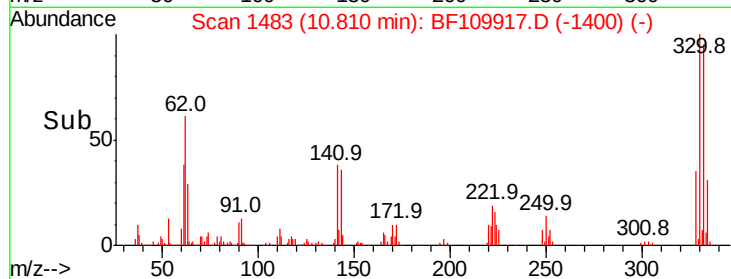
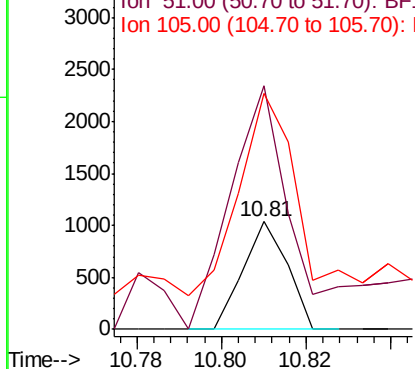
#65
4,6-Dinitro-2-methylphenol
Concen: 8.080 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.19 min
Lab File: BF109917.D
Acq: 17 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 752
Ion Ratio Lower Upper
198 100
51 226.4 22.8 62.8#
105 219.8 23.6 63.6#

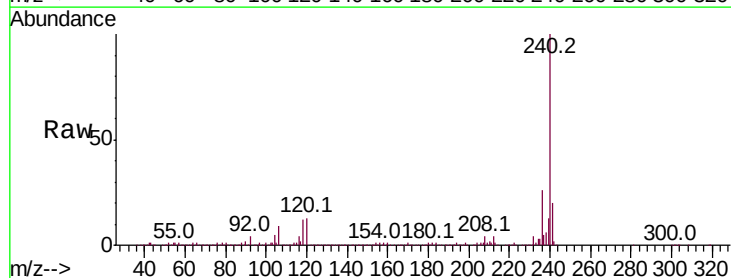


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

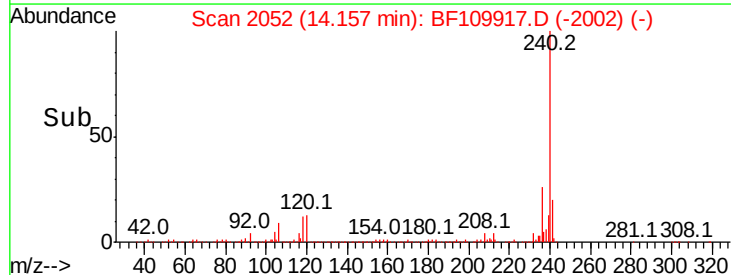
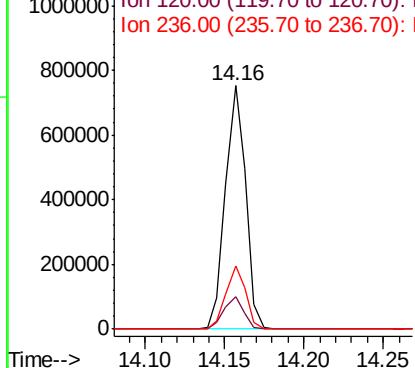


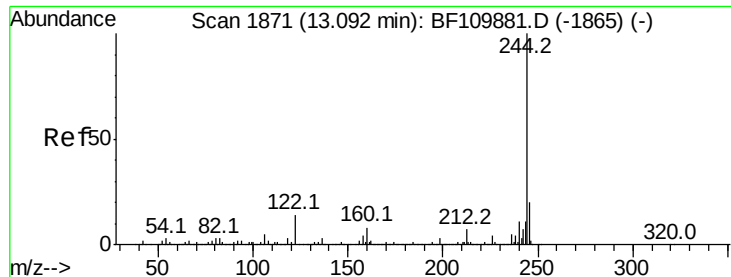
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109917.D
Acq: 17 Oct 2018 11:59

Tgt Ion:240 Resp: 665366
Ion Ratio Lower Upper
240 100
120 13.5 8.3 12.5#
236 25.9 21.2 31.8



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



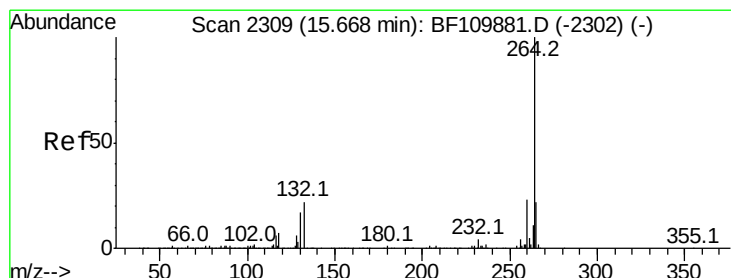
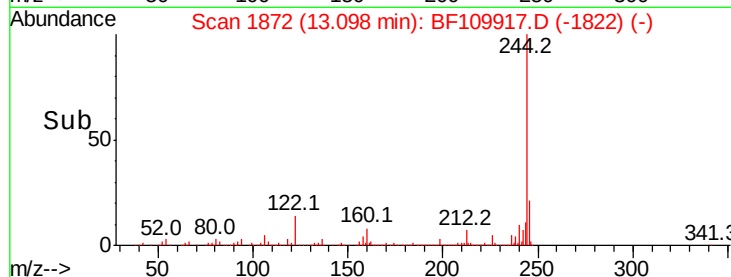
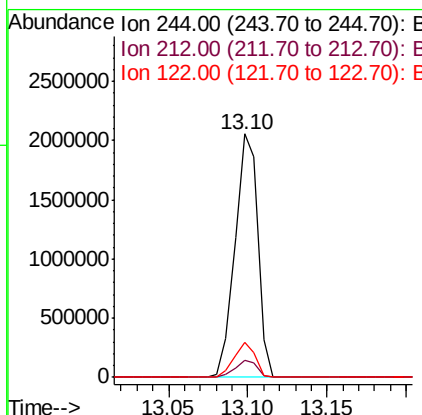
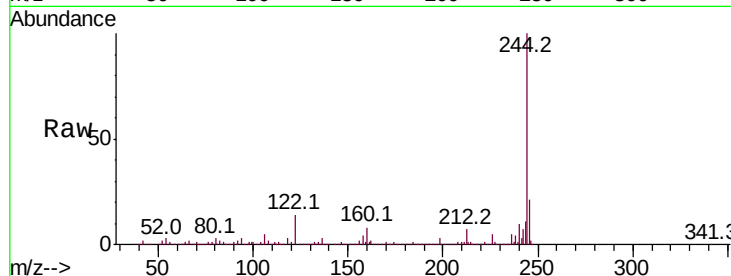


#79
 Terphenyl-d14
 Concen: 64.761 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109917.D
 Acq: 17 Oct 2018 11:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2051953

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	14.3	8.7	13.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF109917.D
 Acq: 17 Oct 2018 11:59

Tgt Ion:264 Resp: 551009

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.5	16.7	25.1

