

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109245.D
 Acq On : 23 Sep 2018 2:52
 Operator : JU/SJ
 Sample : J4993-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 06:53:08 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

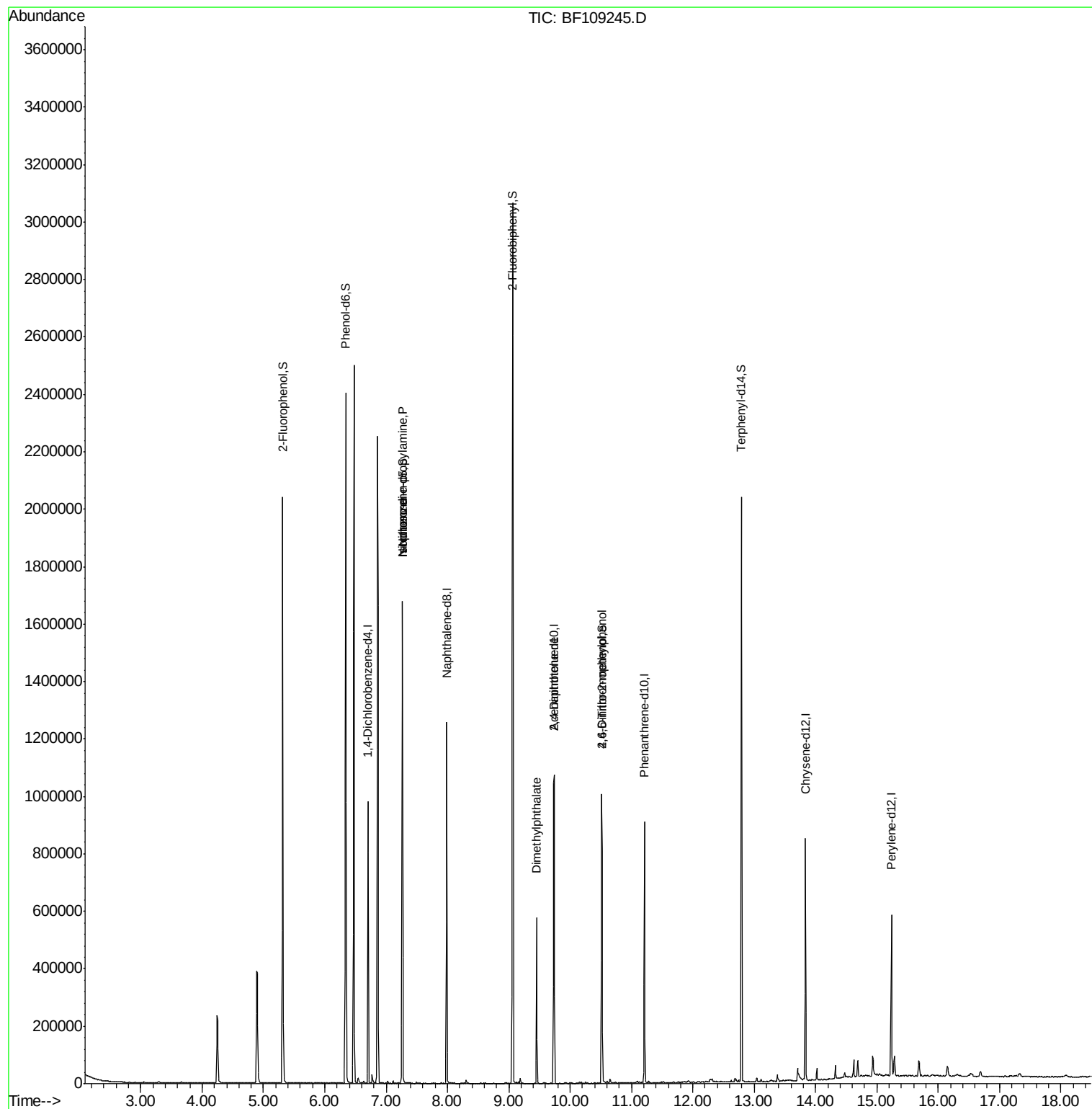
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	138672	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	509421	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	216527	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	325307	20.00	ng	0.00
75) Chrysene-d12	13.84	240	293689	20.00	ng	0.00
86) Perylene-d12	15.24	264	243557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	601348	71.43	ng	0.00
7) Phenol-d6	6.35	99	838845	78.08	ng	-0.01
23) Nitrobenzene-d5	7.27	82	541642	62.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	114249	53.52	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	948228	66.05	ng	-0.01
78) Terphenyl-d14	12.79	244	678281	56.68	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	74035	10.517	ng	# 76
25) Isophorone	7.27	82	511799	32.935	ng	# 64
49) Dimethylphthalate	9.46	163	200448	12.728	ng	98
56) 2,4-Dinitrotoluene	9.73	165	27230	6.900	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	234	6.675	ng	# 1

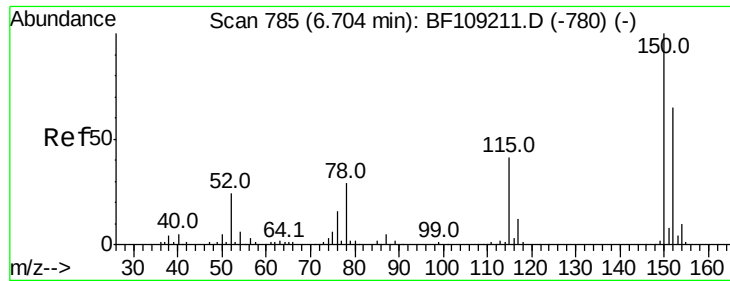
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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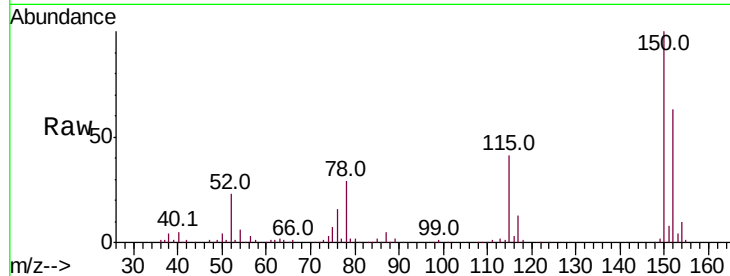


#1

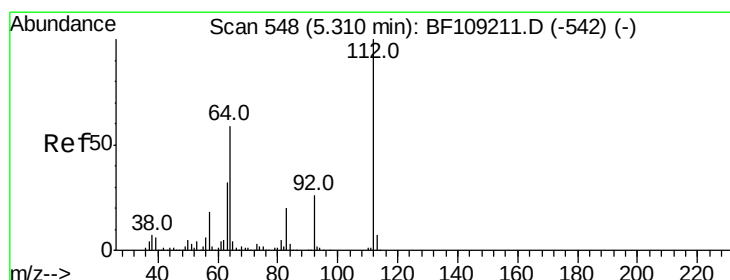
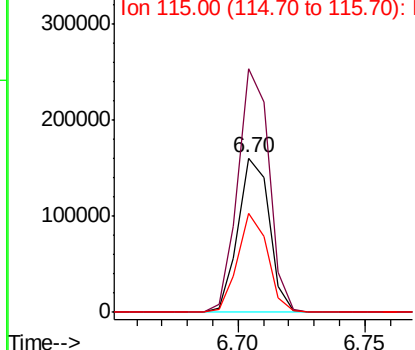
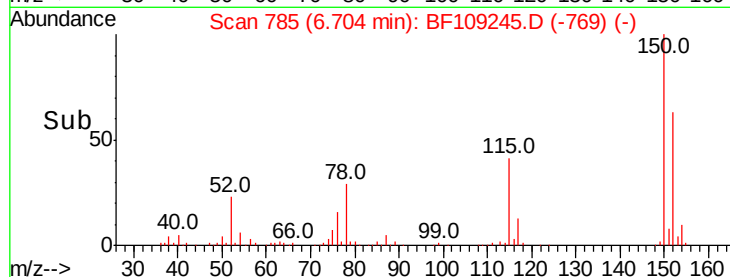
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109245.D
Acq: 23 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138672
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 64.1 50.1 75.1



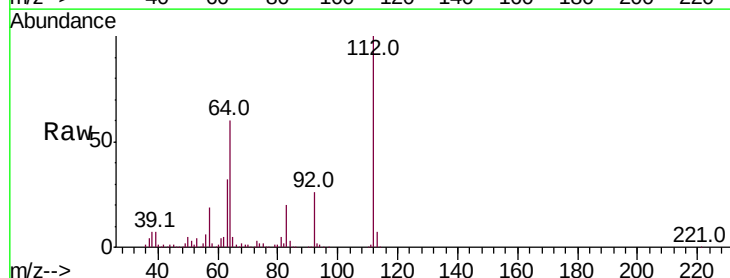
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



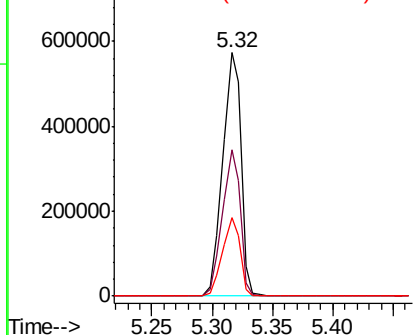
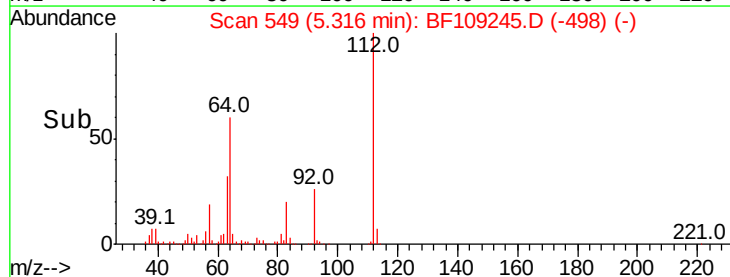
#5

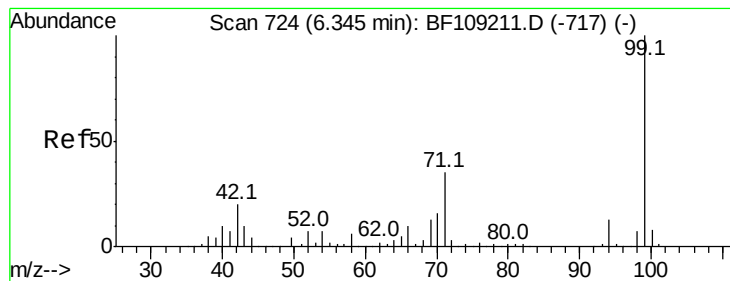
2-Fluorophenol
Concen: 71.425 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109245.D
Acq: 23 Sep 2018 2:52

Tgt Ion:112 Resp: 601348
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 32.0 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: 78.081 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109245.D

Acq: 23 Sep 2018 2:52

Instrument :

BNA_F

ClientSampled :

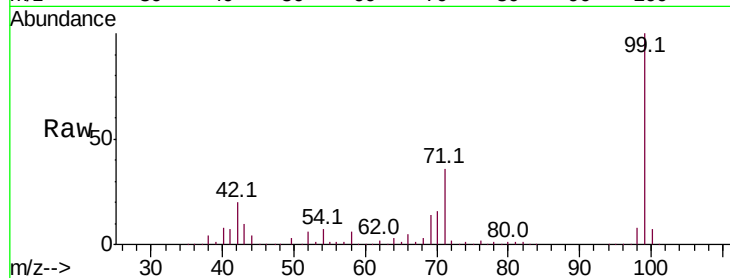
Tot Ion: 99 Resp: 838845

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

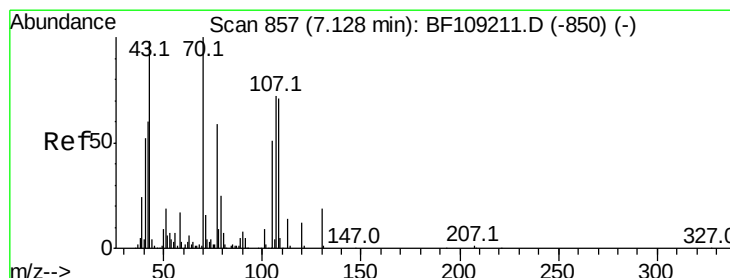
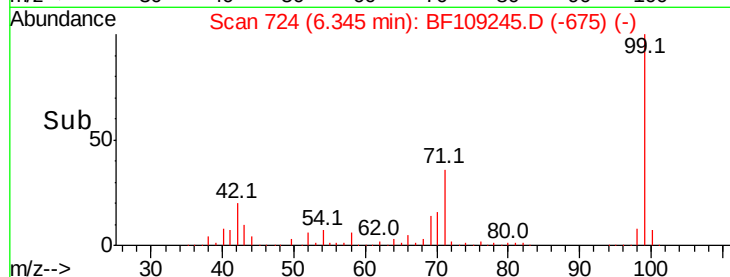
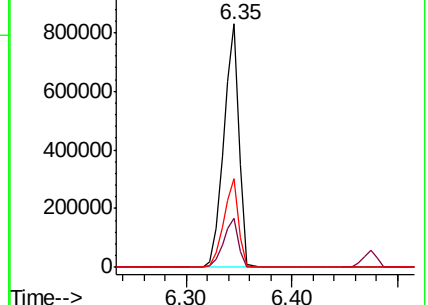
71 36.4 25.4 38.0



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: 10.517 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109245.D

Acq: 23 Sep 2018 2:52

Tgt Ion: 70 Resp: 74035

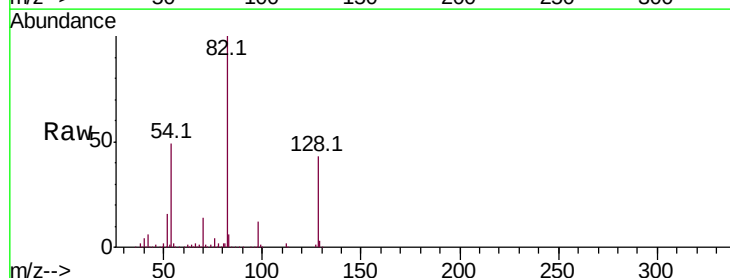
Ion Ratio Lower Upper

70 100

42 46.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

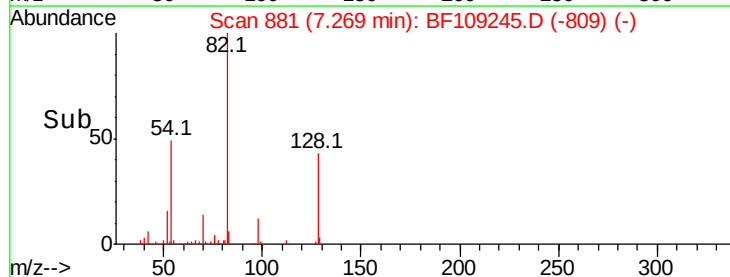
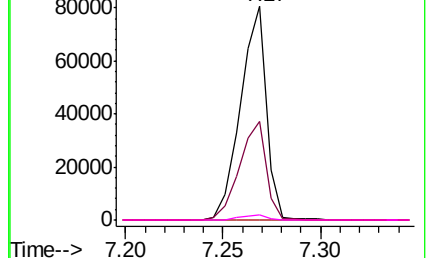


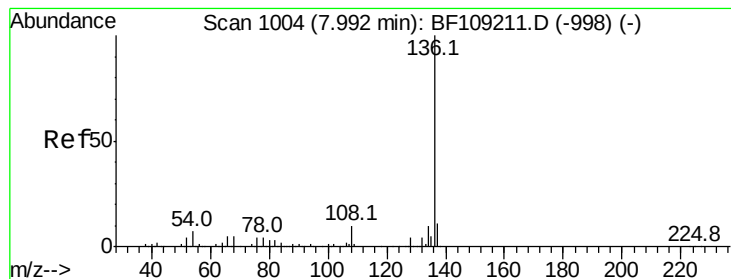
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF109245.D

Acq: 23 Sep 2018 2:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 509421

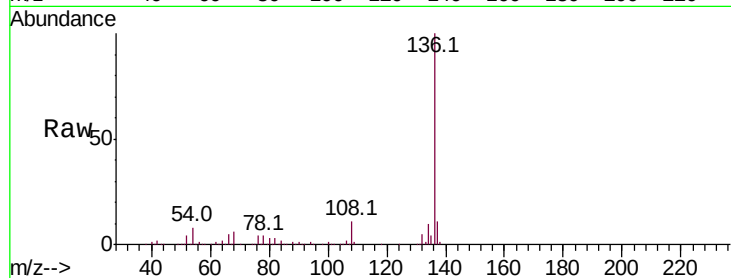
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.5 6.6 9.8

68 5.9 5.0 7.4

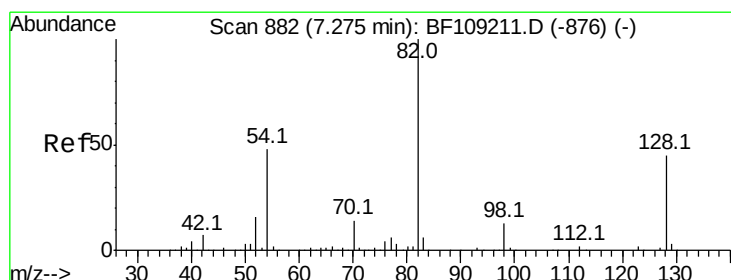
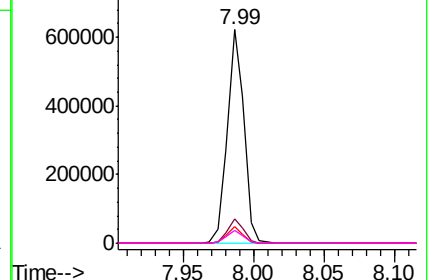
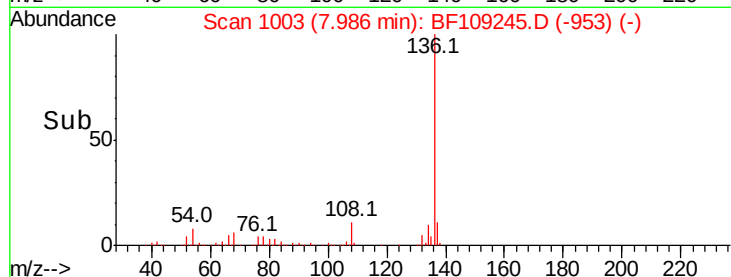


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.765 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109245.D

Acq: 23 Sep 2018 2:52

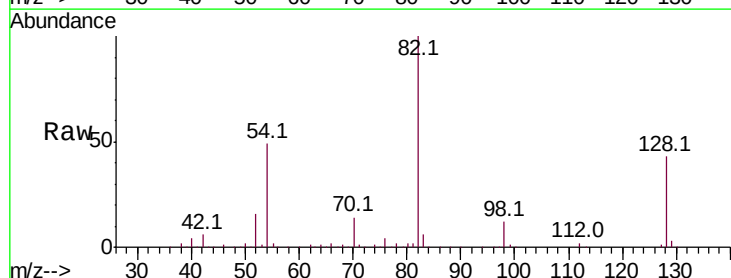
Tgt Ion: 82 Resp: 541642

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

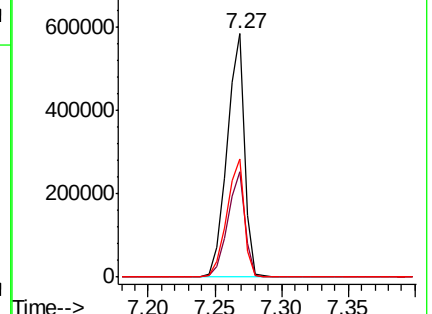
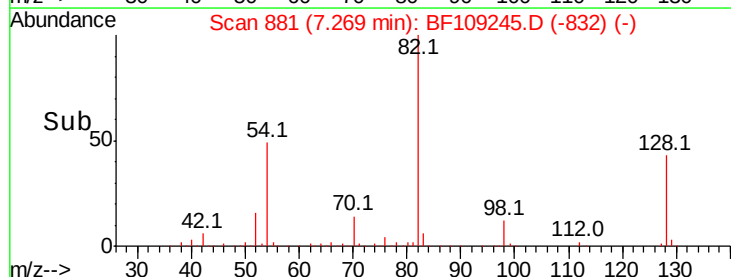
54 48.7 41.4 62.2

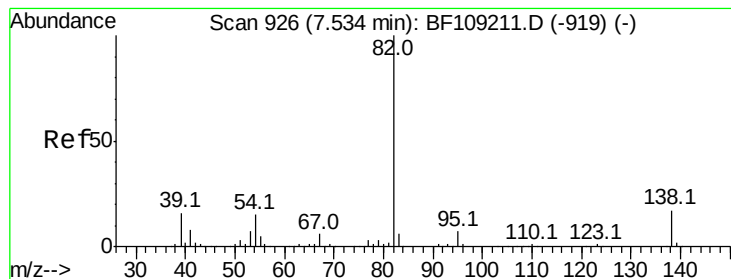


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.935 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109245.D

Acq: 23 Sep 2018 2:52

Instrument :

BNA_F

ClientSampleId :

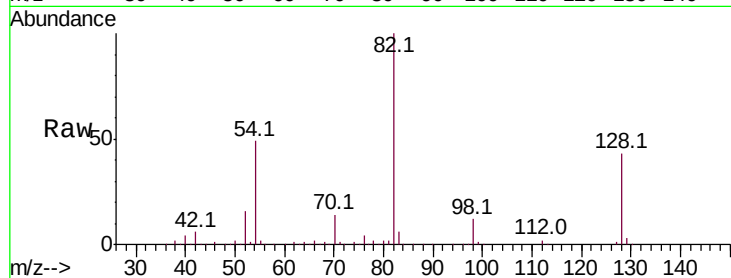
Tot Ion: 82 Resp: 511799

Ion Ratio Lower Upper

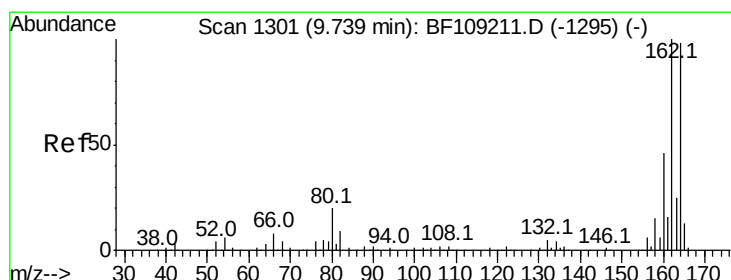
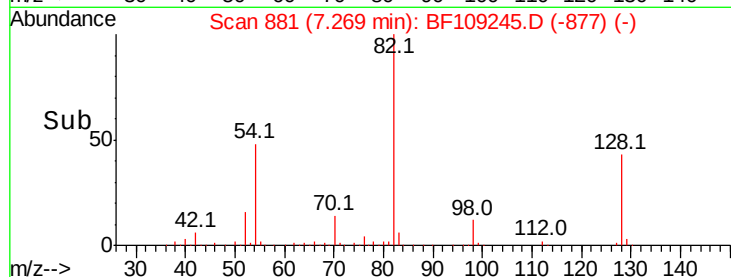
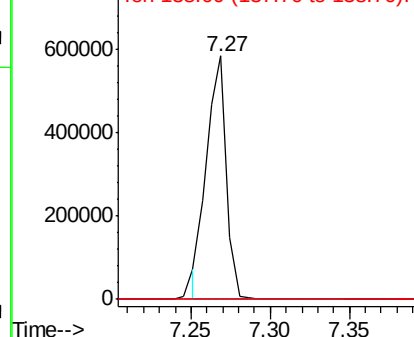
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109245.D

Acq: 23 Sep 2018 2:52

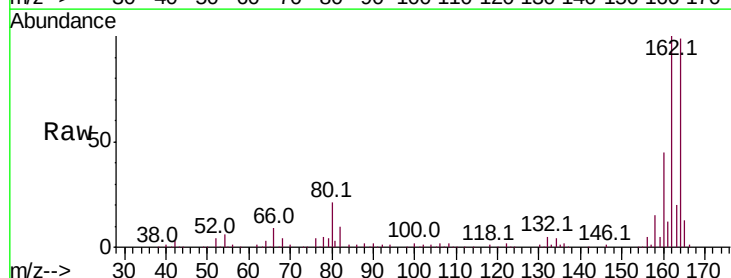
Tgt Ion: 164 Resp: 216527

Ion Ratio Lower Upper

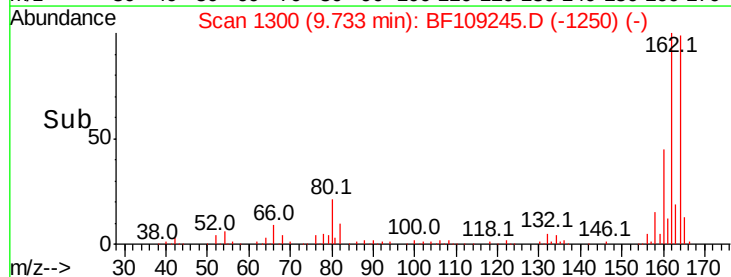
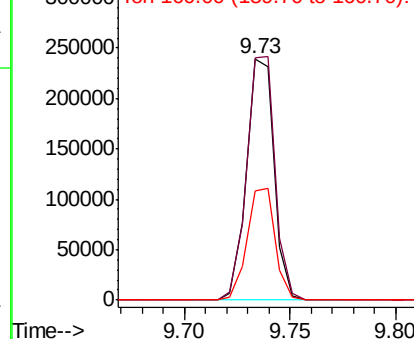
164 100

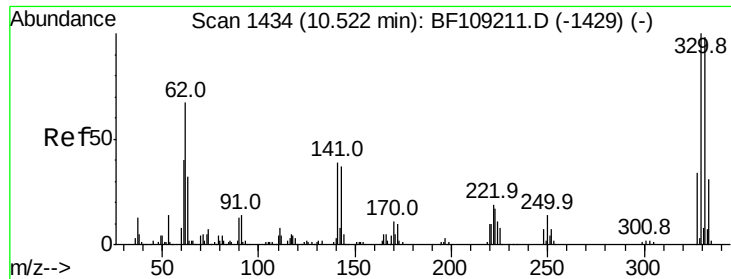
162 100.5 86.1 129.1

160 44.9 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

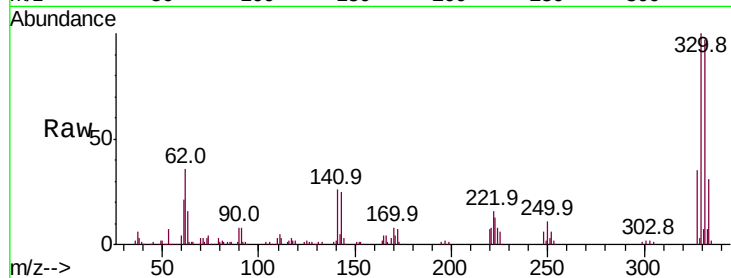




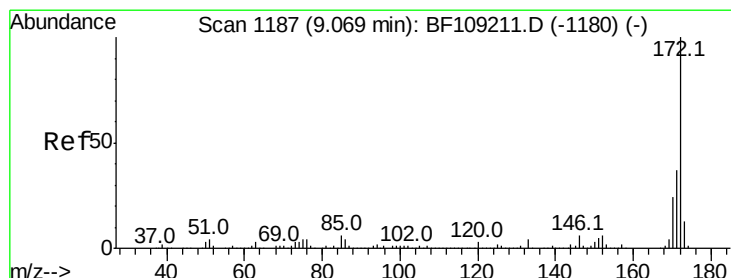
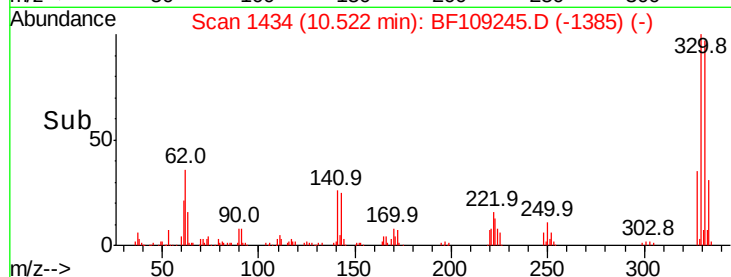
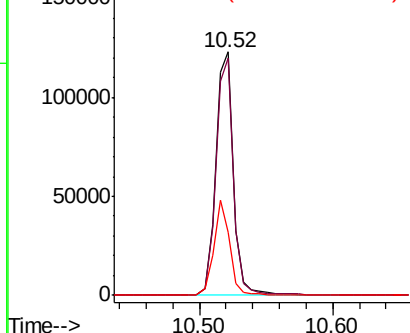
#41
 2,4,6-Tribromophenol
 Concen: 53.525 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109245.D
 Acq: 23 Sep 2018 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	35.0	29.9	44.9

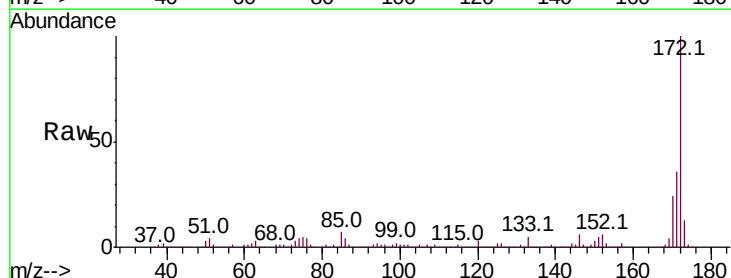


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

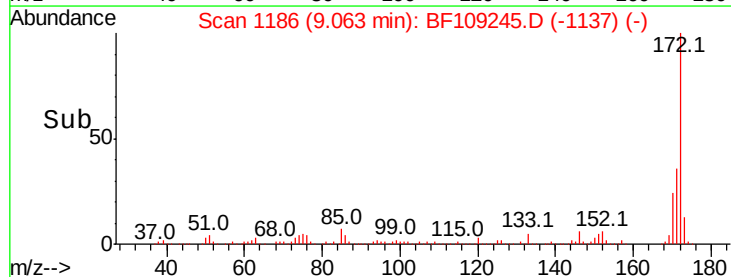
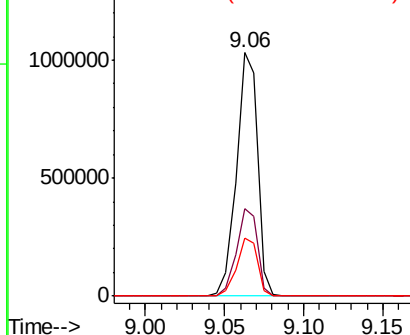


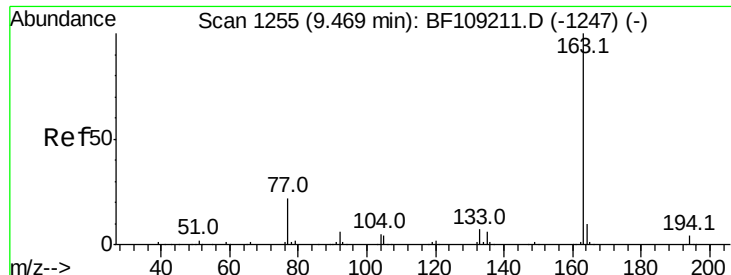
#44
 2-Fluorobiphenyl
 Concen: 66.048 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109245.D
 Acq: 23 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	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

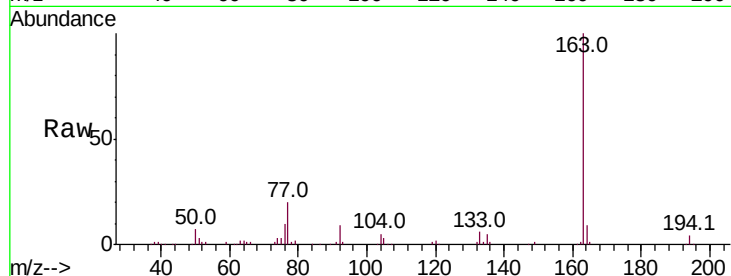




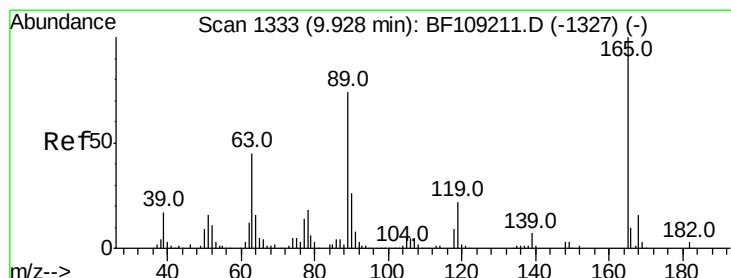
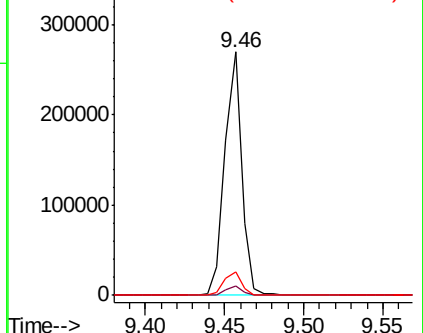
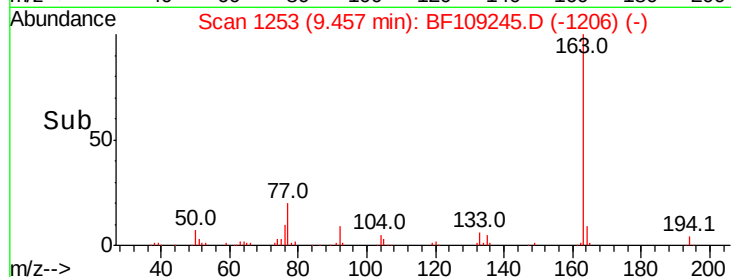
#49
Dimethylphthalate
Concen: 12.728 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109245.D
Acq: 23 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.5	8.2	12.2

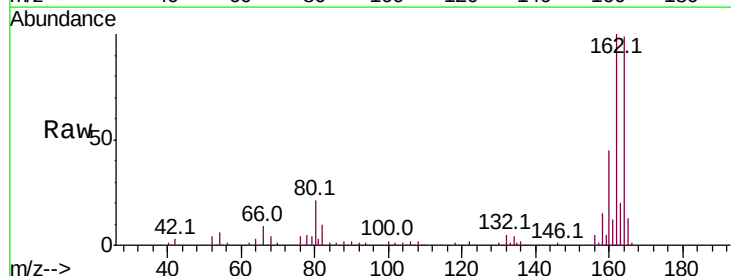


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

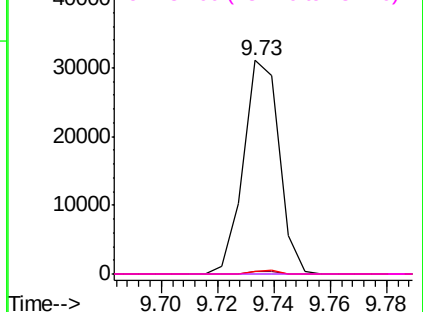
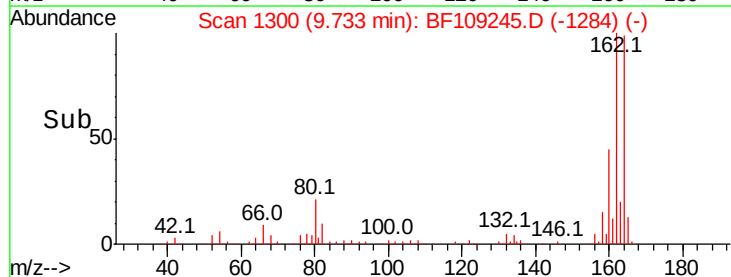


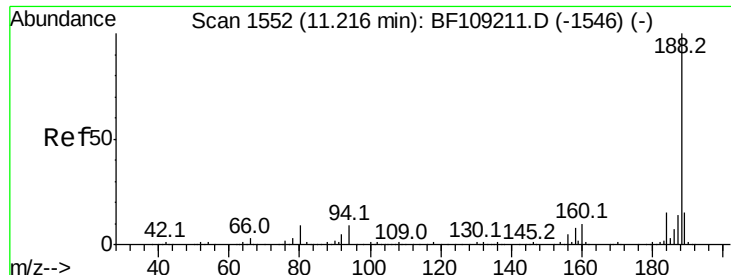
#56
2,4-Dinitrotoluene
Concen: 6.900 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109245.D
Acq: 23 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	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

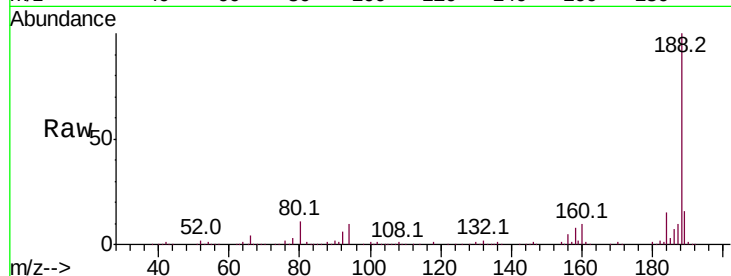




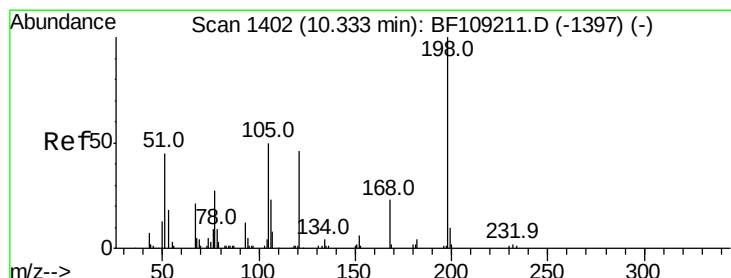
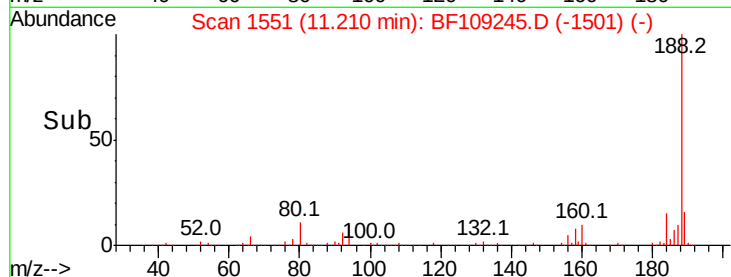
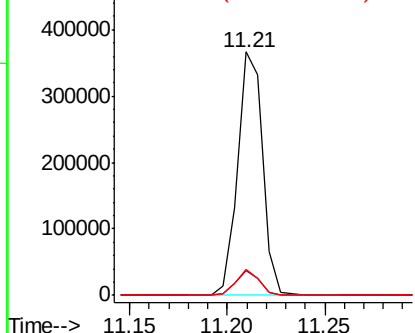
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109245.D
 Acq: 23 Sep 2018 2:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.6	9.2	13.8

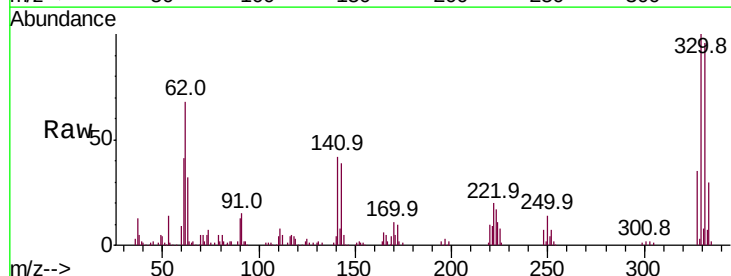


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

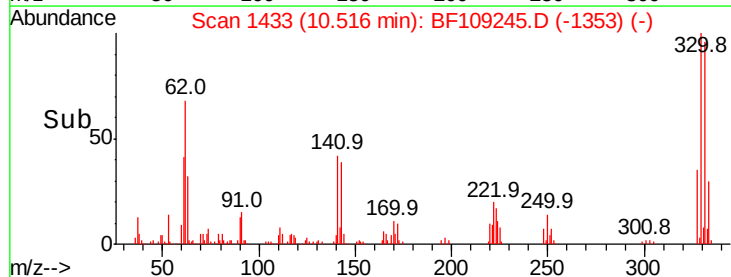
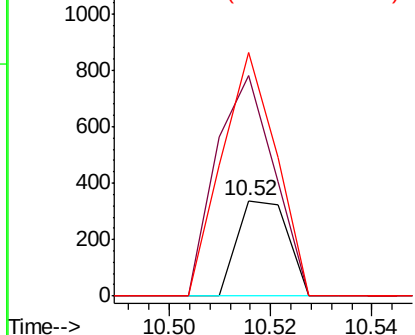


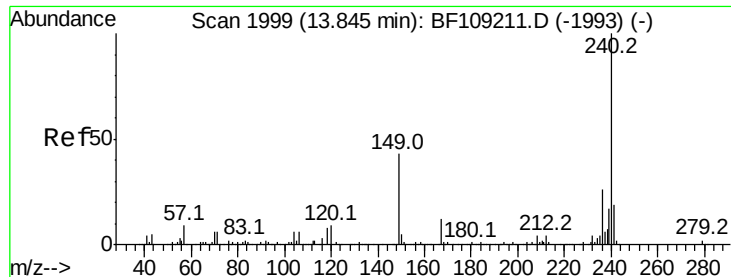
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.675 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109245.D
 Acq: 23 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
198	100		
51	231.1	37.7	77.7#
105	255.0	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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109245.D

Acq: 23 Sep 2018 2:52

Instrument :

BNA_F

ClientSampleId :

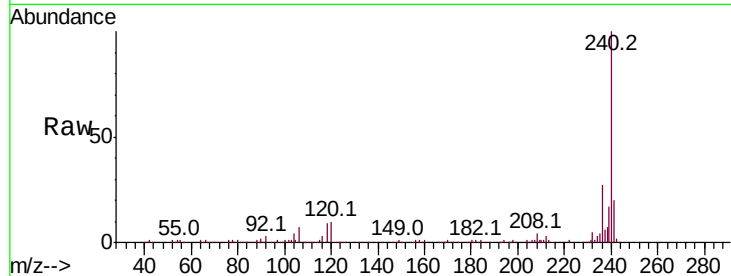
Tot Ion:240 Resp: 293689

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

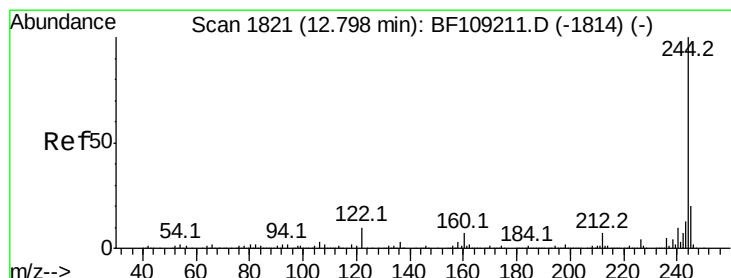
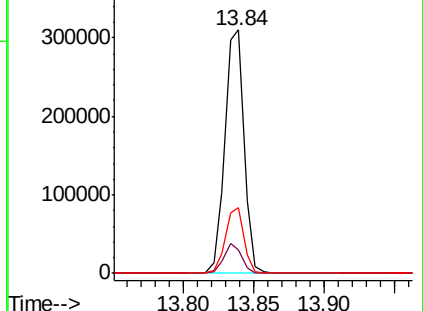
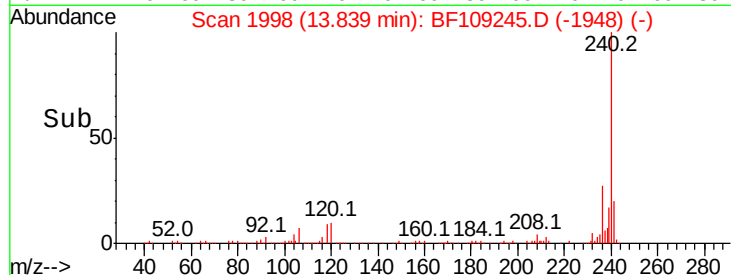
236 26.9 20.7 31.1



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: 56.679 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109245.D

Acq: 23 Sep 2018 2:52

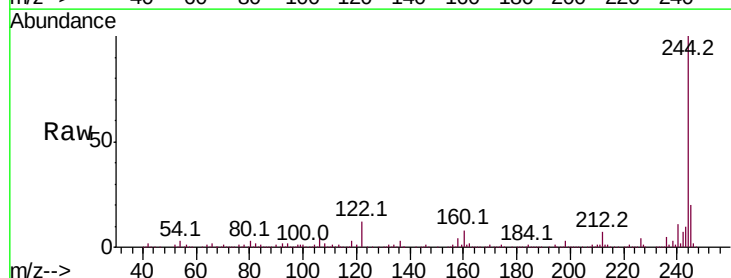
Tgt Ion:244 Resp: 678281

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

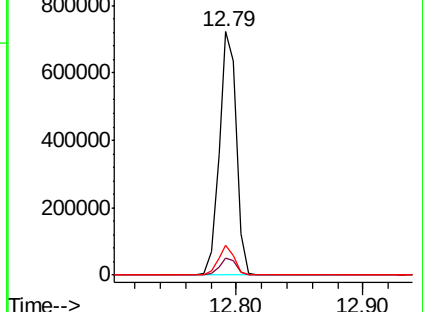
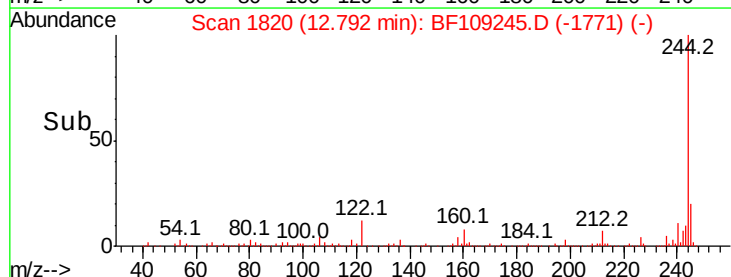
122 12.4 11.0 16.4

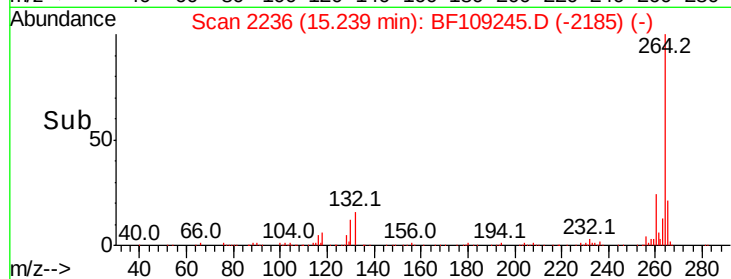
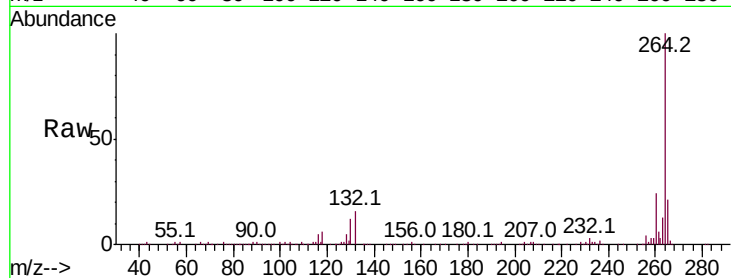
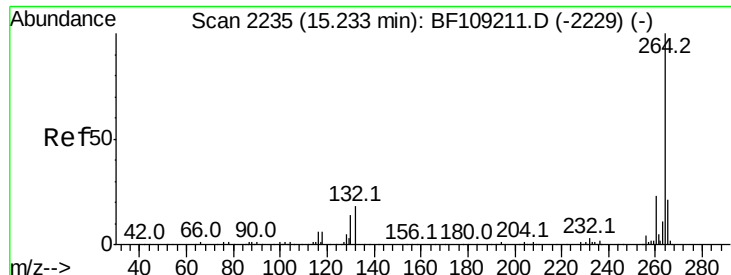


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109245.D
 Acq: 23 Sep 2018 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	243557
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.9	17.5	26.3

