

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109498.D
 Acq On : 2 Oct 2018 13:53
 Operator : JU/SJ
 Sample : J5169-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 02 14:43:27 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

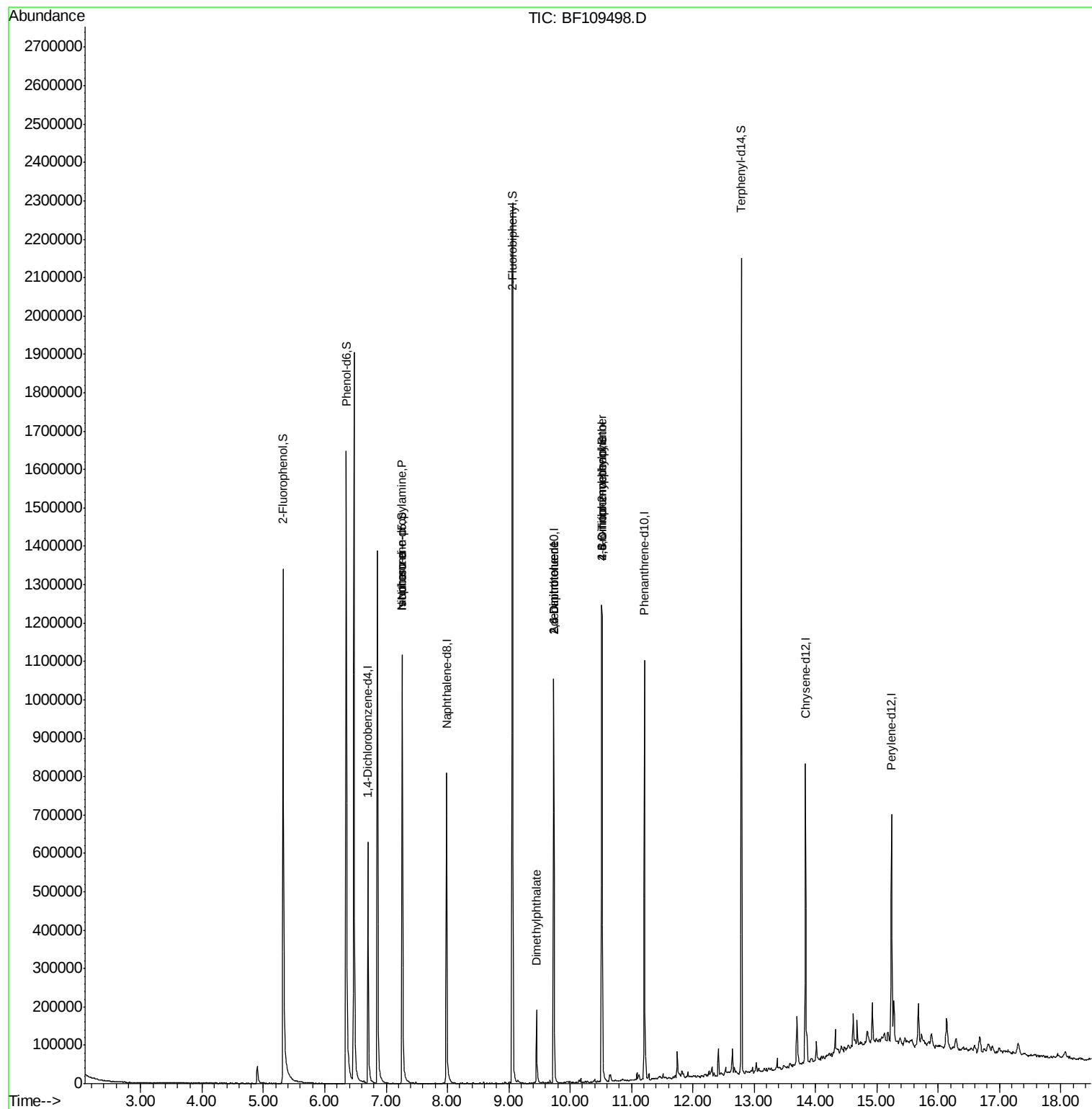
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	108328	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	425001	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	205930	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	379896	20.00	ng	0.00
75) Chrysene-d12	13.84	240	257894	20.00	ng	0.00
86) Perylene-d12	15.24	264	281383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	527920	80.27	ng	0.00
7) Phenol-d6	6.35	99	686158	81.76	ng	0.00
23) Nitrobenzene-d5	7.26	82	432693	60.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	168029	82.77	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	803852	58.87	ng	-0.01
78) Terphenyl-d14	12.79	244	674436	64.18	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	57813	10.513	ng	# 80
25) Isophorone	7.26	82	411382	31.731	ng	# 64
49) Dimethylphthalate	9.45	163	84650	5.652	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	26001	8.765	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	26001	6.927	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	267	6.671	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10204	2.419	ng	# 1

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

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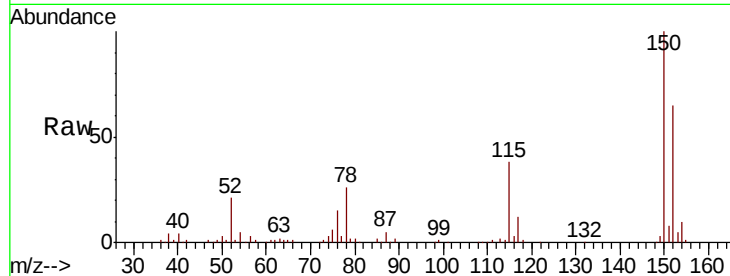


#1

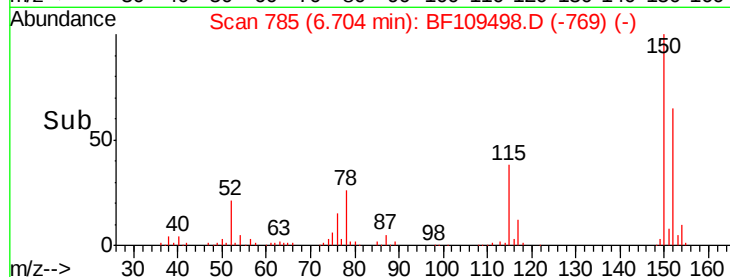
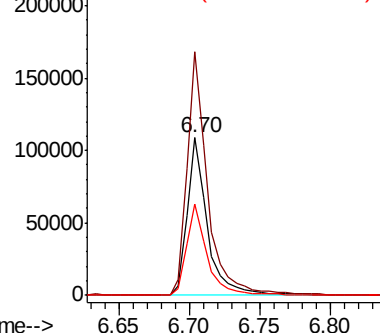
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108328
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 58.2 50.1 75.1



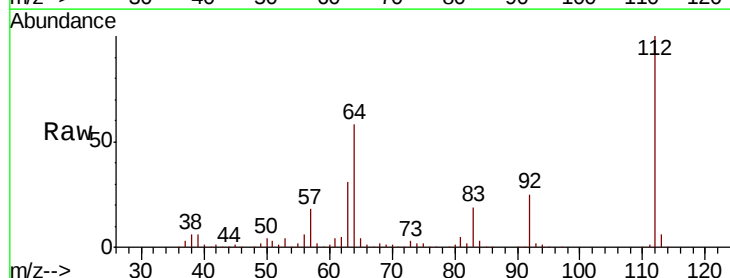
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



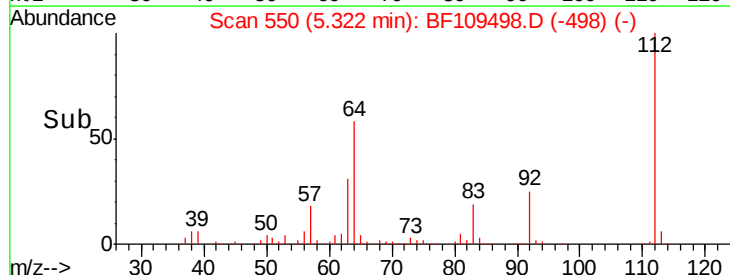
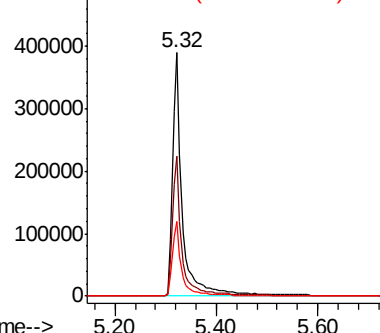
#5

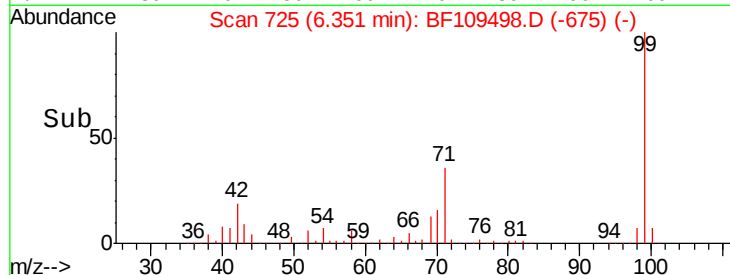
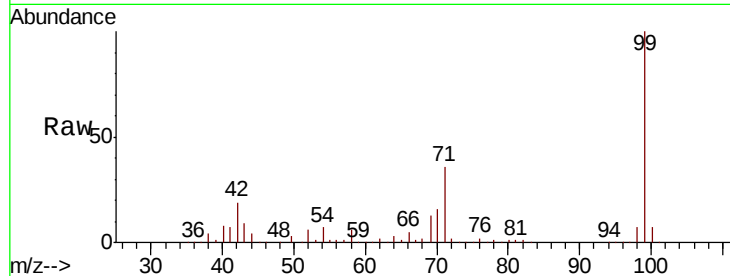
2-Fluorophenol
Concen: 80.268 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Tgt Ion:112 Resp: 527920
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 30.9 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: 81.759 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109498.D

Acq: 2 Oct 2018 13:53

Instrument :

BNA_F

ClientSampleId :

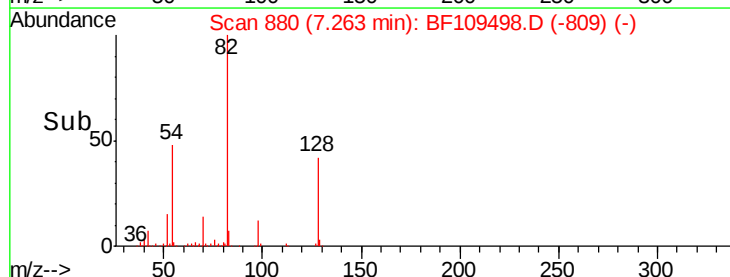
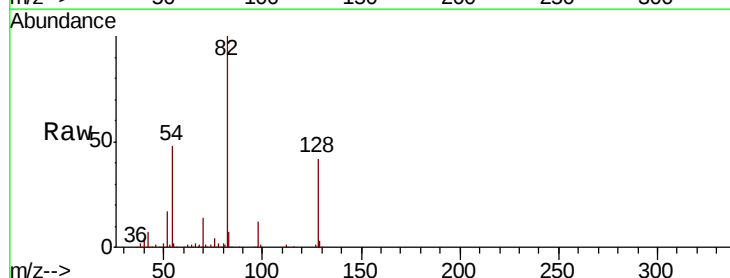
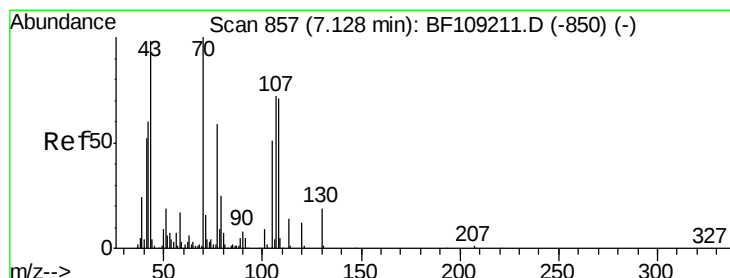
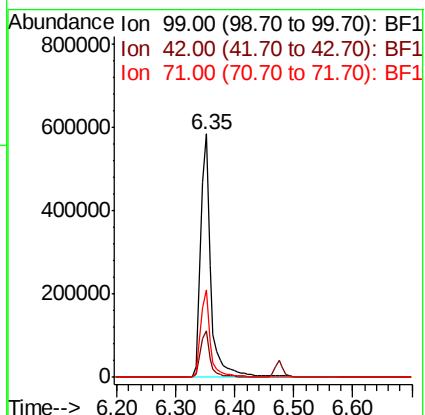
Tot Ion: 99 Resp: 686158

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 35.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.513 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109498.D

Acq: 2 Oct 2018 13:53

Tgt Ion: 70 Resp: 57813

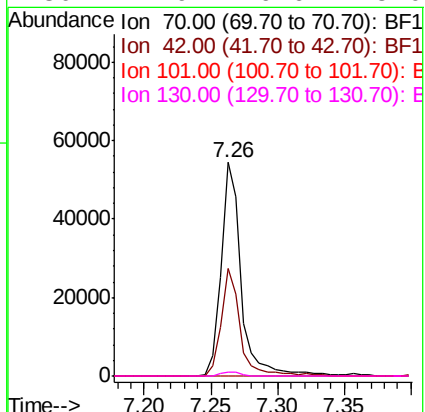
Ion Ratio Lower Upper

70 100

42 50.2 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 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: BF109498.D

Acq: 2 Oct 2018 13:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 425001

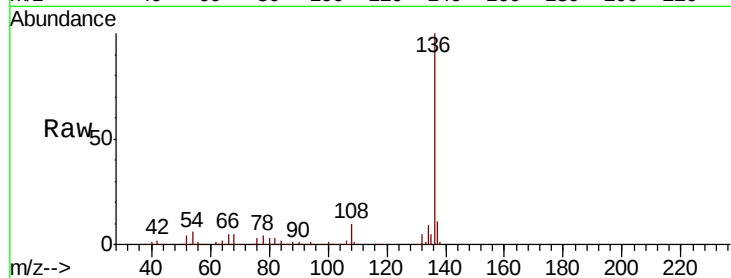
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.5 6.6 9.8#

68 5.2 5.0 7.4

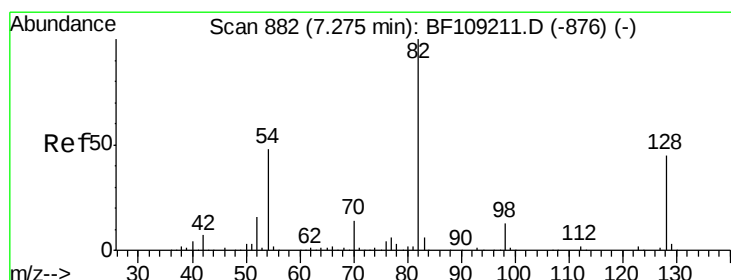
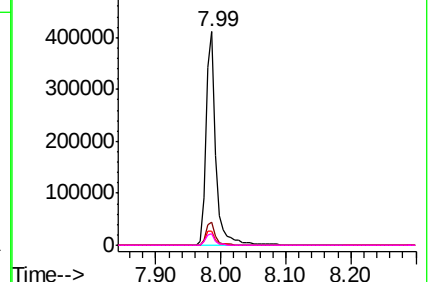
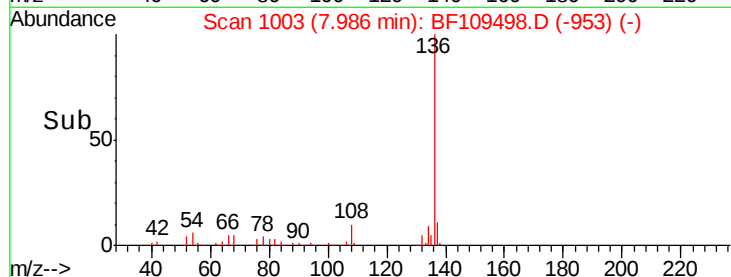


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.100 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109498.D

Acq: 2 Oct 2018 13:53

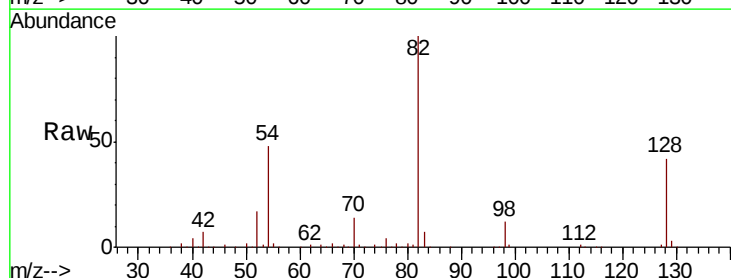
Tgt Ion: 82 Resp: 432693

Ion Ratio Lower Upper

82 100

128 41.9 36.1 54.1

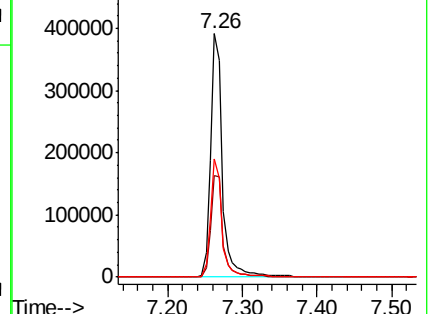
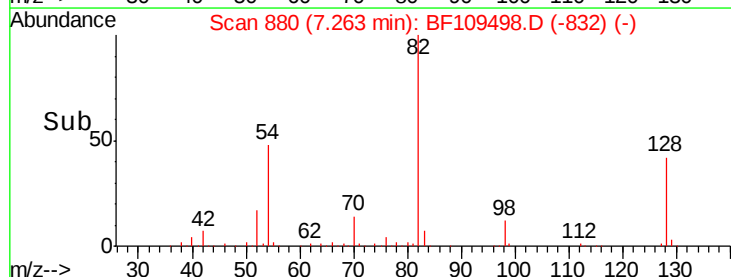
54 48.5 41.4 62.2

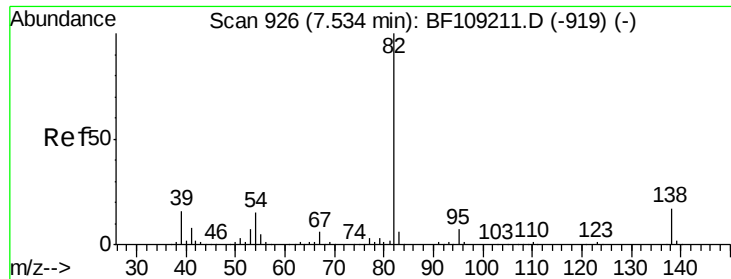


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

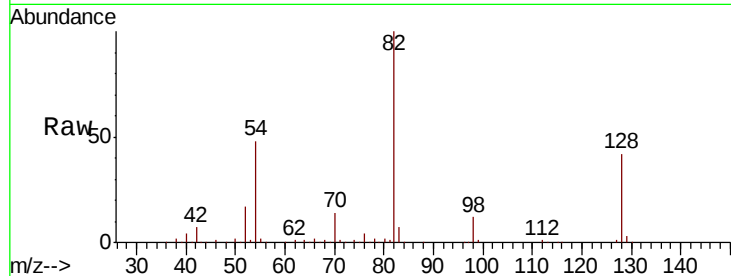




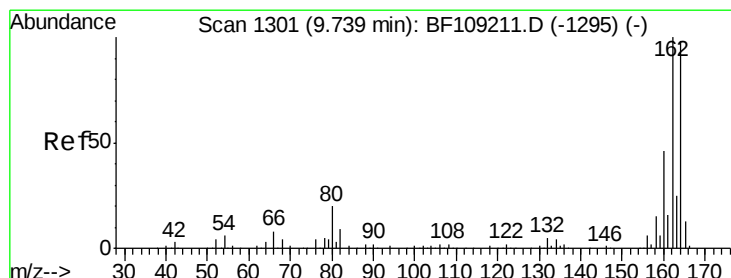
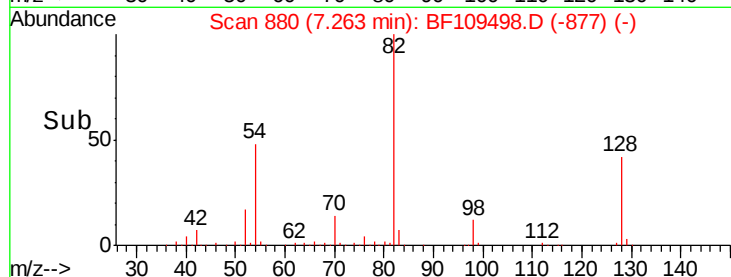
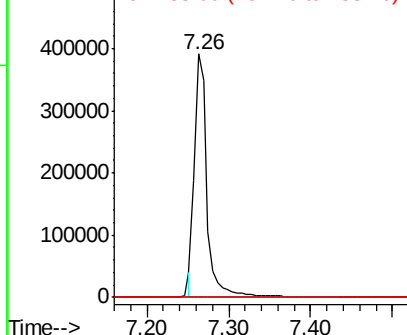
#25
Isophorone
Concen: 31.731 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 411382
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

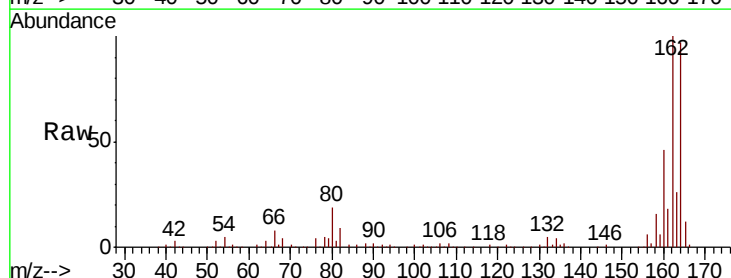


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

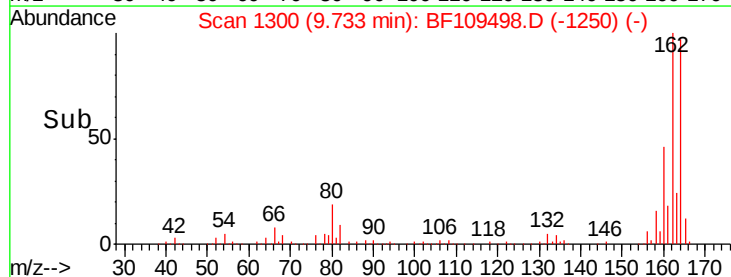
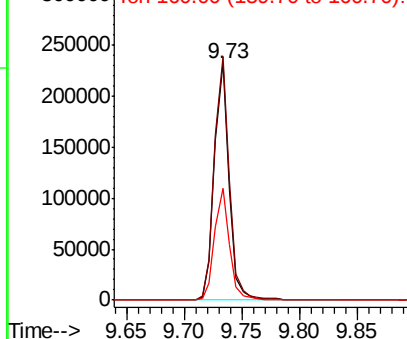


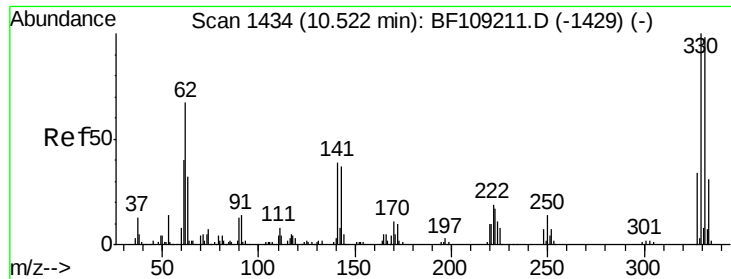
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Tgt Ion:164 Resp: 205930
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 47.3 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

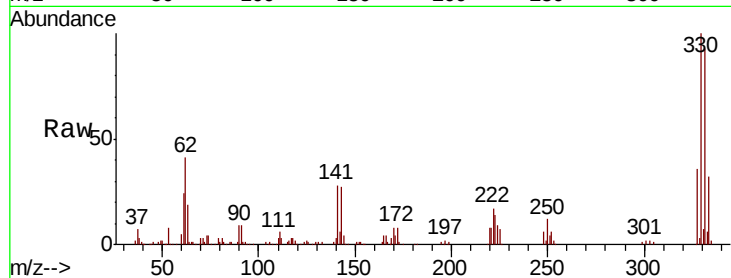




#41
 2,4,6-Tribromophenol
 Concen: 82.771 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109498.D
 Acq: 2 Oct 2018 13:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	34.4	29.9	44.9

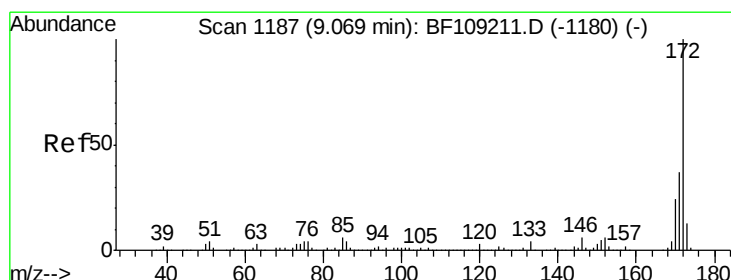
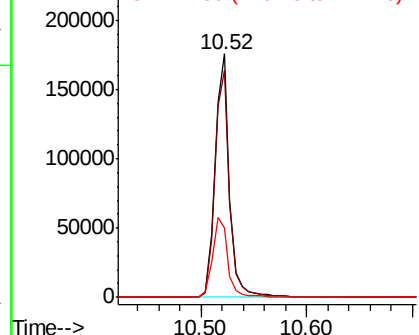
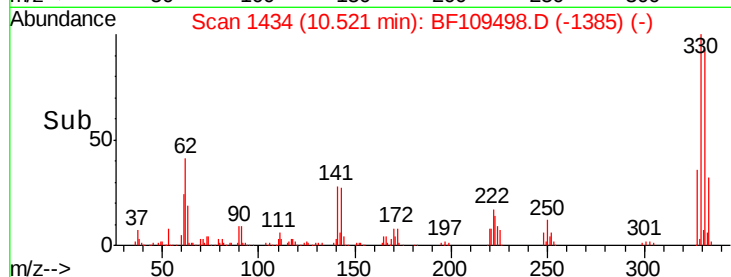


Abundance

Ion 329.80 (329.50 to 330.50): E

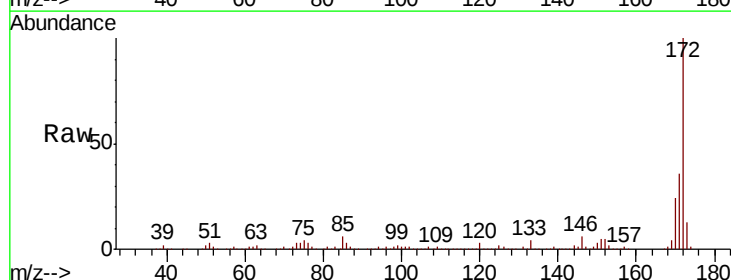
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 58.873 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109498.D
 Acq: 2 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.1	19.6	29.4

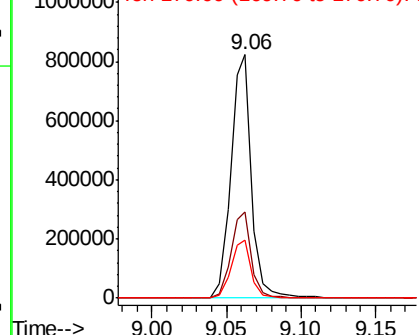
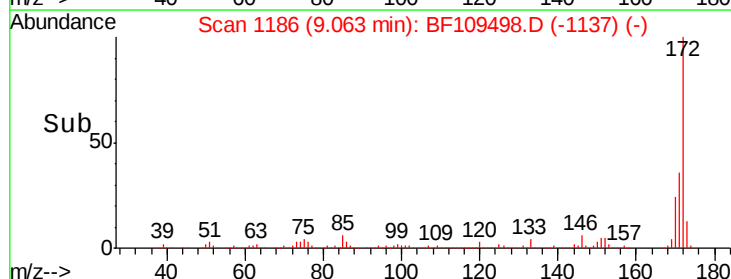


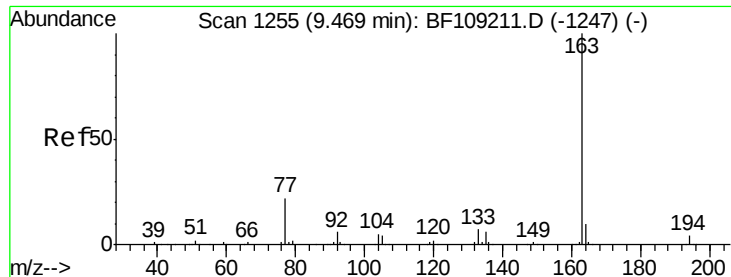
Abundance

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

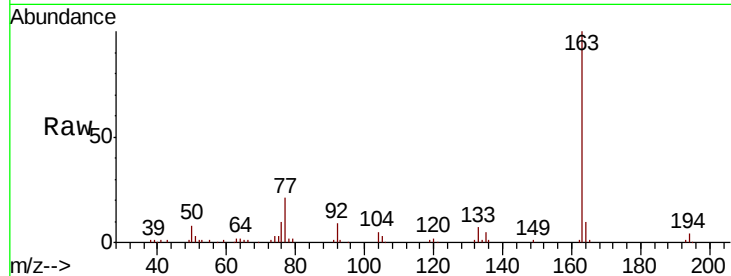




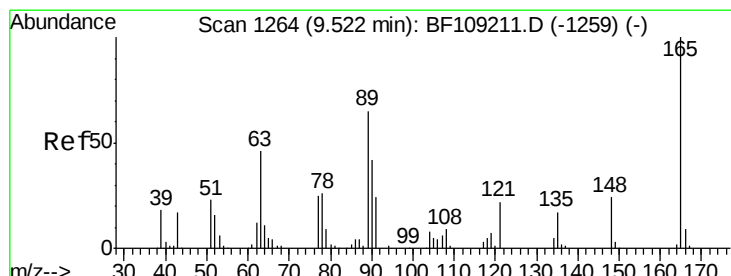
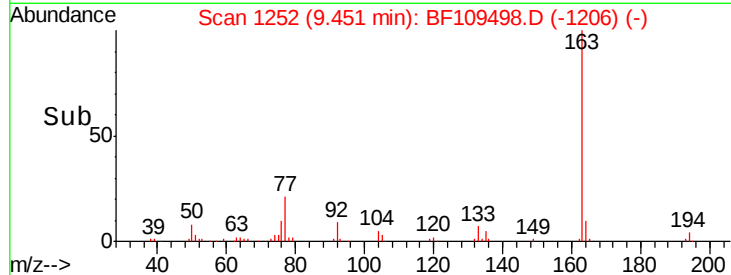
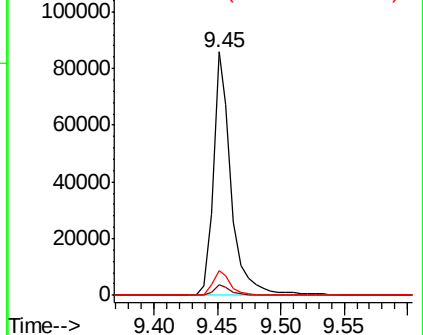
#49
Dimethylphthalate
Concen: 5.652 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.0	8.2	12.2

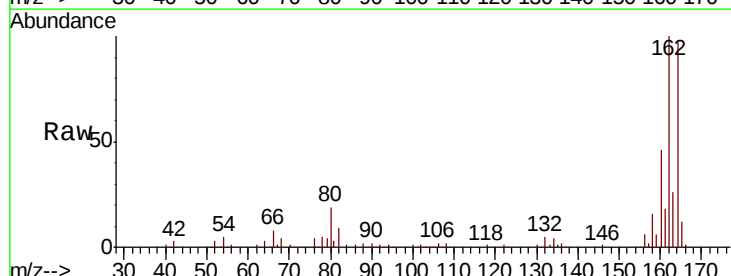


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

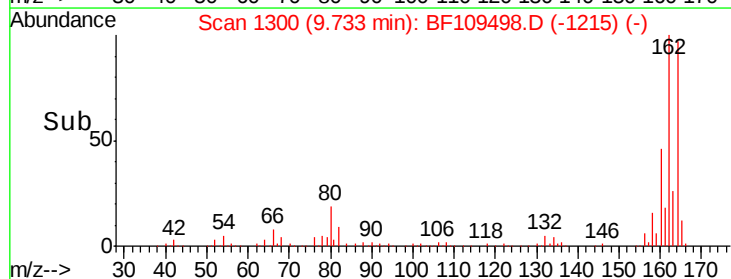
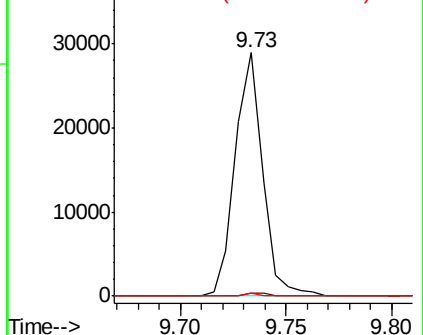


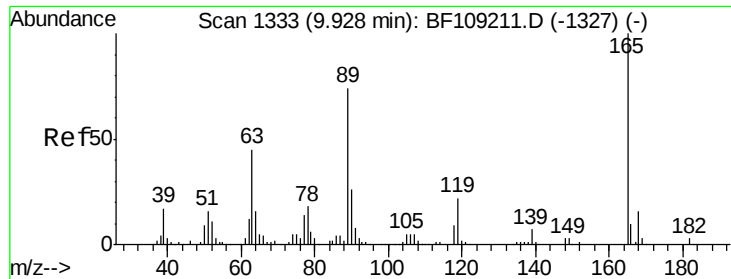
#50
2,6-Dinitrotoluene
Concen: 8.765 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	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

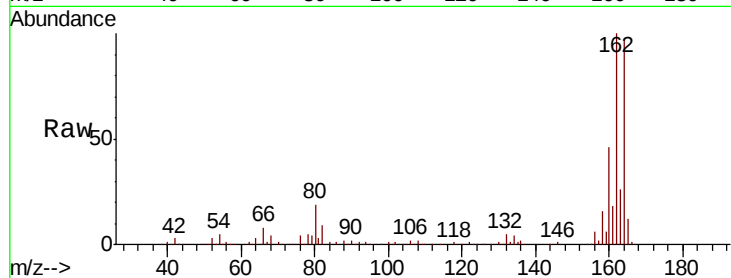




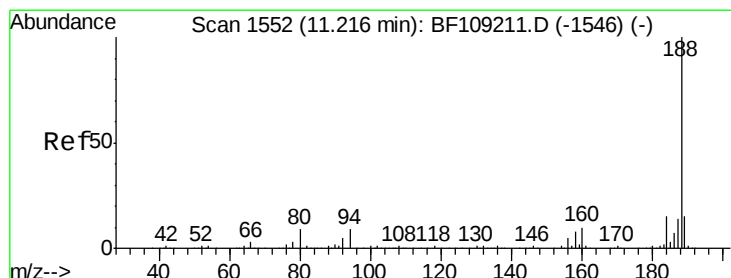
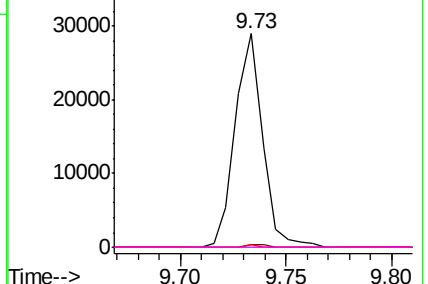
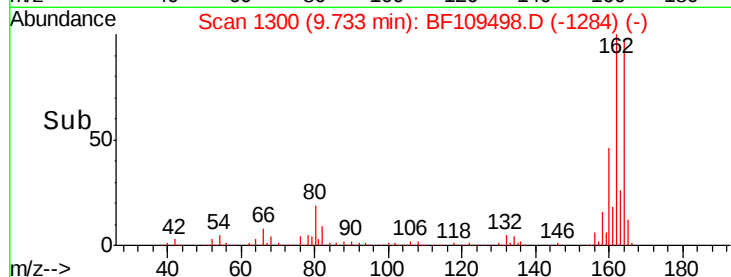
#56
 2,4-Dinitrotoluene
 Concen: 6.927 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109498.D
 Acq: 2 Oct 2018 13:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

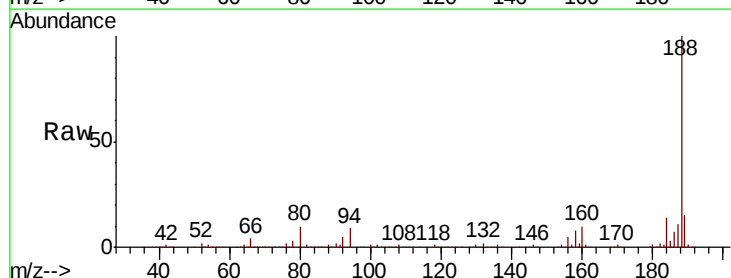


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

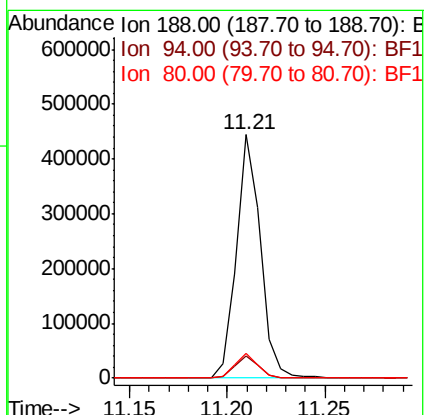
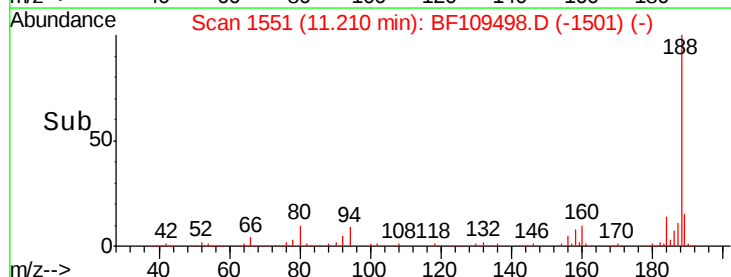


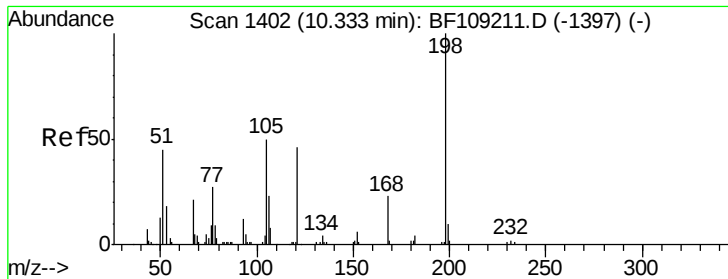
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109498.D
 Acq: 2 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.2	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

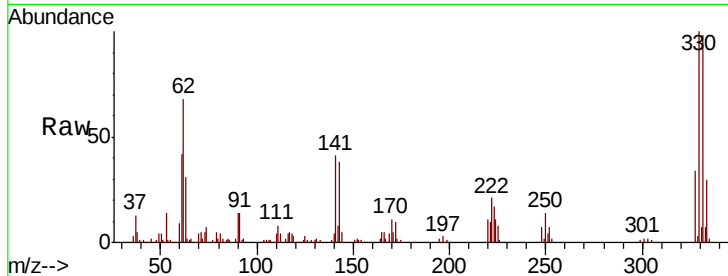




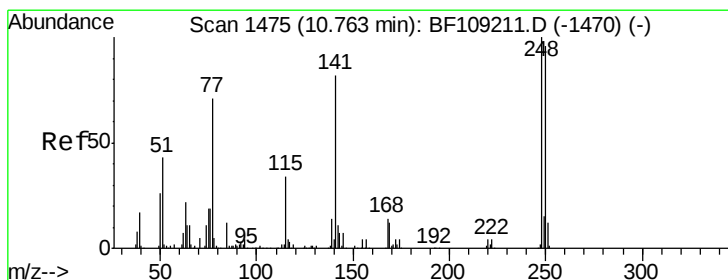
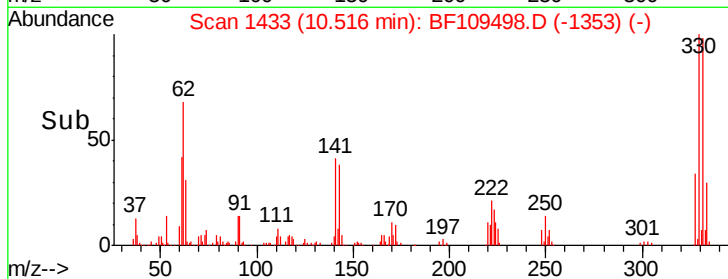
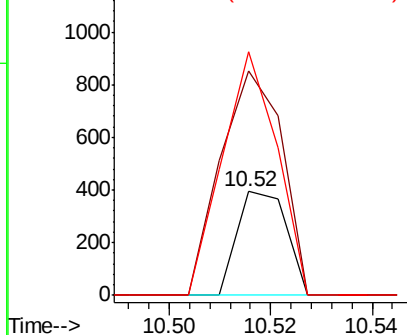
#64
4,6-Dinitro-2-methylphenol
Concen: 6.671 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 267
Ion Ratio Lower Upper
198 100
51 217.0 37.7 77.7#
105 235.4 36.3 76.3#

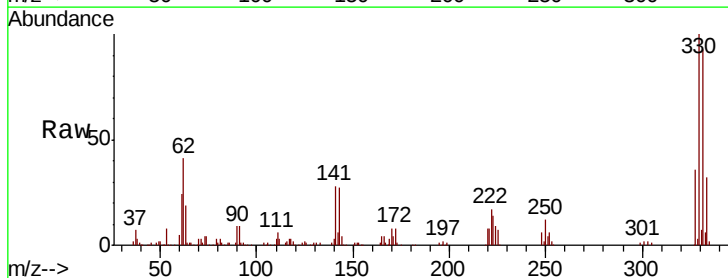


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

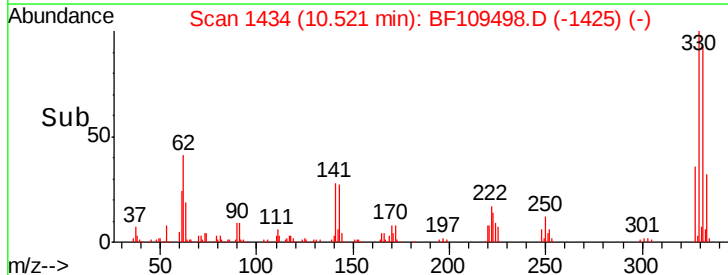
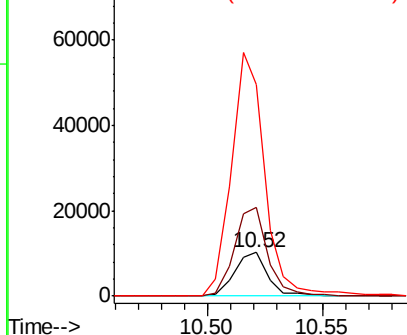


#66
4-Bromophenyl-phenylether
Concen: 2.419 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Tgt Ion:248 Resp: 10204
Ion Ratio Lower Upper
248 100
250 204.7 76.9 115.3#
141 487.6 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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109498.D

Acq: 2 Oct 2018 13:53

Instrument :

BNA_F

ClientSampleId :

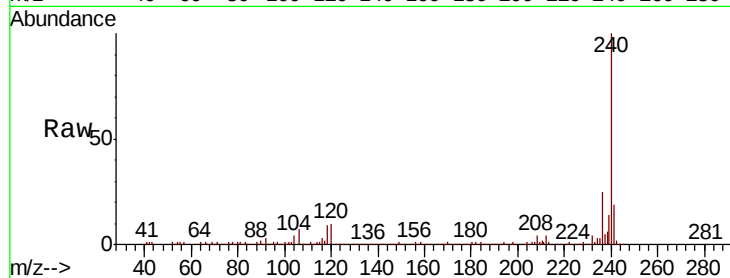
Tot Ion:240 Resp: 257894

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

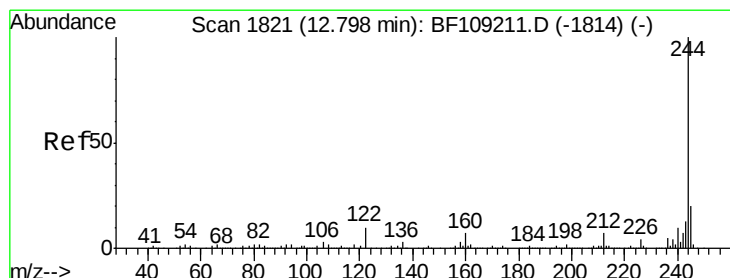
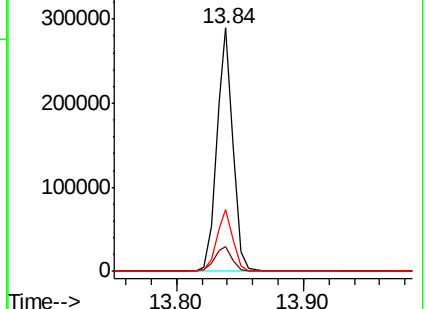
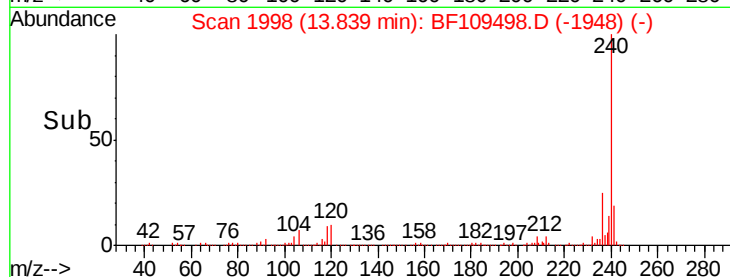
236 25.3 20.7 31.1



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: 64.181 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109498.D

Acq: 2 Oct 2018 13:53

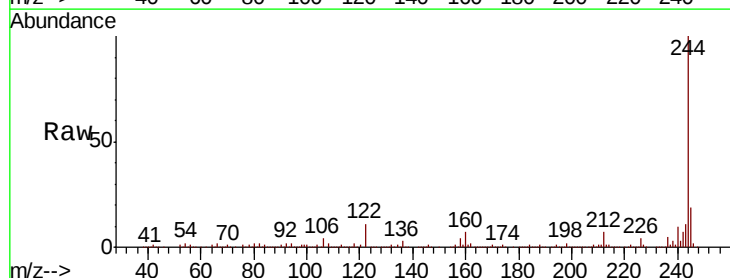
Tgt Ion:244 Resp: 674436

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

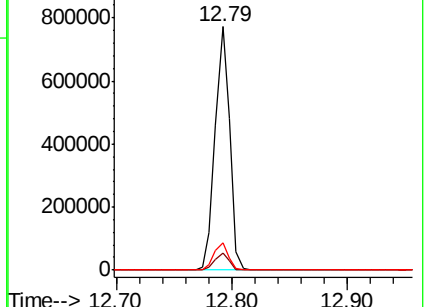
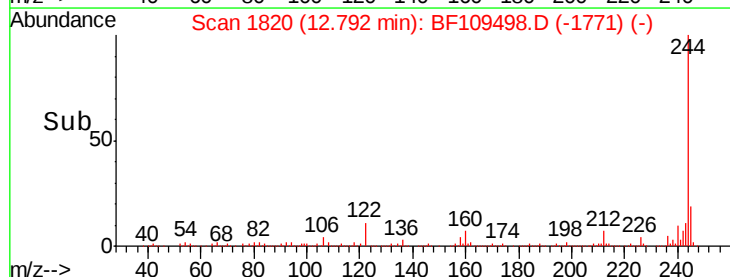
122 11.3 11.0 16.4

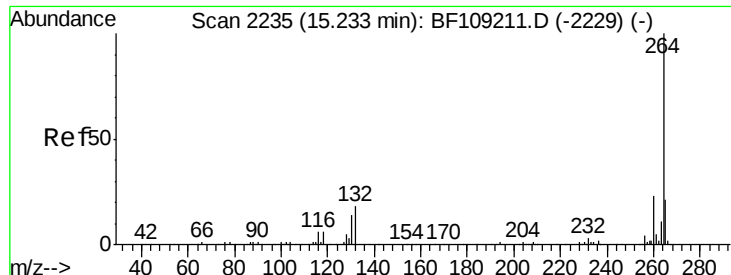


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109498.D
 Acq: 2 Oct 2018 13:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3

