

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109521.D
 Acq On : 3 Oct 2018 00:59
 Operator : JU/SJ
 Sample : PB113418BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BL

Quant Time: Oct 03 03:10:59 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

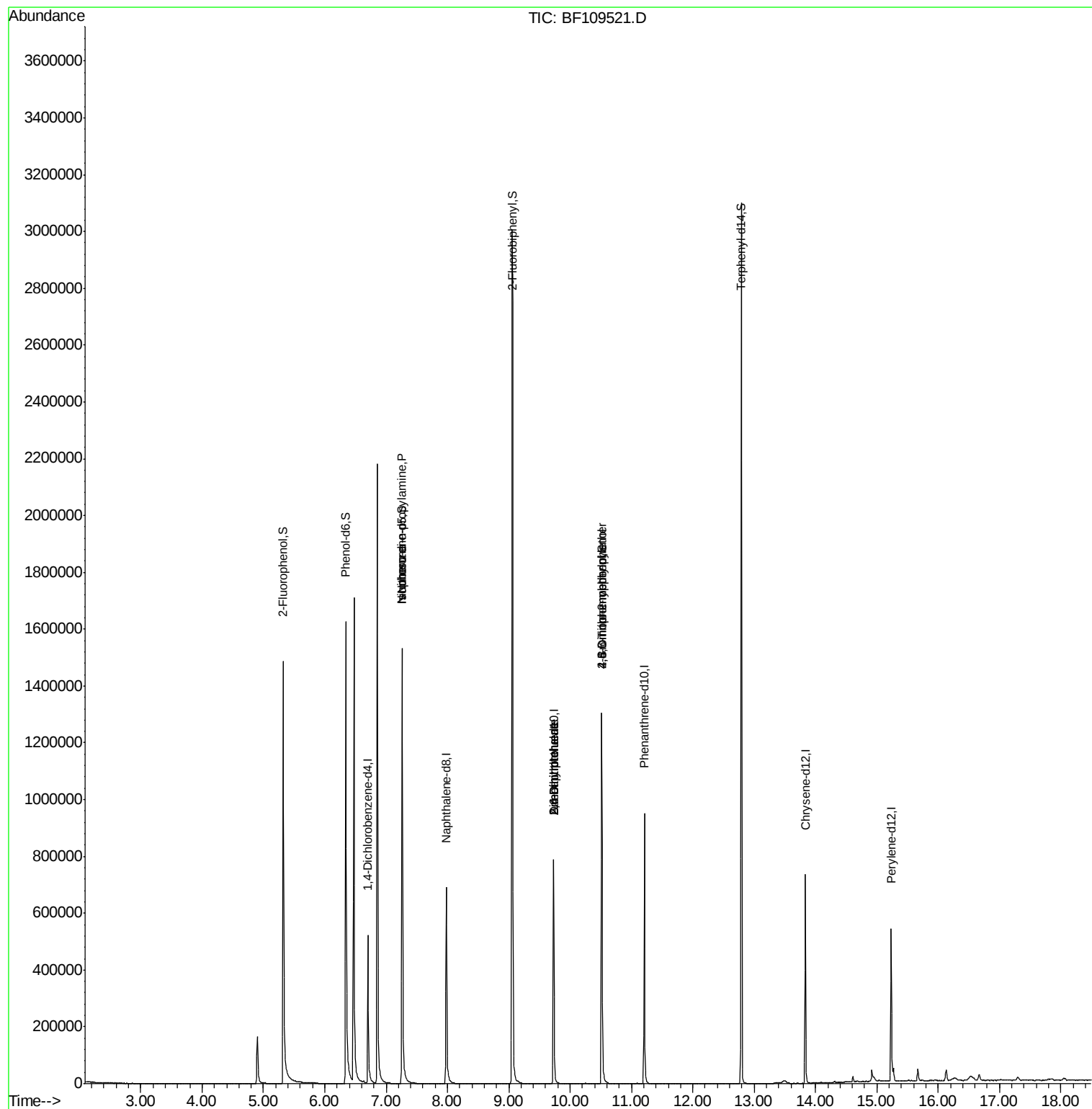
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104417	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	403462	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	192817	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	374565	20.00	ng	0.00
75) Chrysene-d12	13.83	240	262870	20.00	ng	-0.01
86) Perylene-d12	15.23	264	260008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	528277	83.33	ng	0.00
7) Phenol-d6	6.35	99	687265	84.96	ng	-0.01
23) Nitrobenzene-d5	7.26	82	628161	91.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	175534	92.35	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1180477	92.34	ng	-0.02
78) Terphenyl-d14	12.79	244	1119616	104.53	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	84792	15.996	ng	# 77
25) Isophorone	7.26	82	606952	49.316	ng	# 64
49) Dimethylphthalate	9.73	163	52266	3.727	ng	# 1
50) 2,6-Dinitrotoluene	9.73	165	24922	8.973	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	24922	7.091	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.52	198	192	6.630	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10728	2.579	ng	# 1

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

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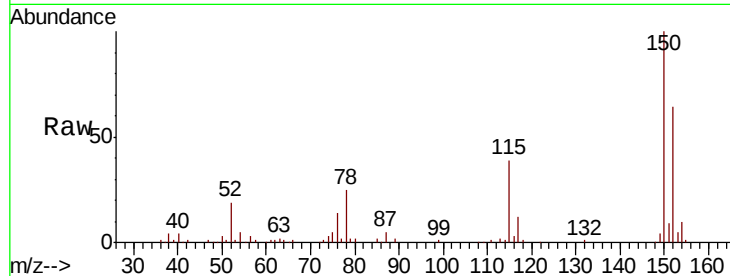


#1

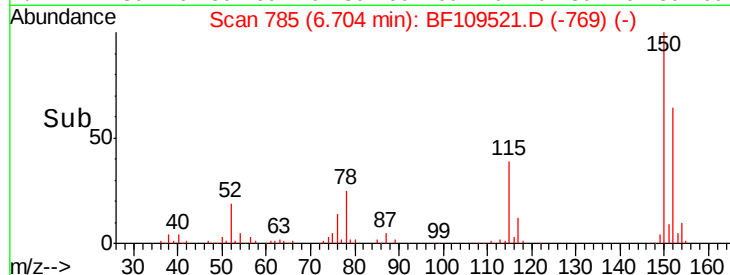
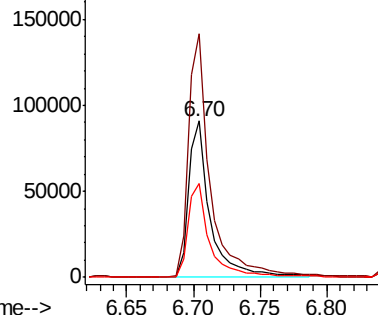
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109521.D
Acq: 3 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB113418BL

Tgt Ion:152 Resp: 104417
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.0 50.1 75.1



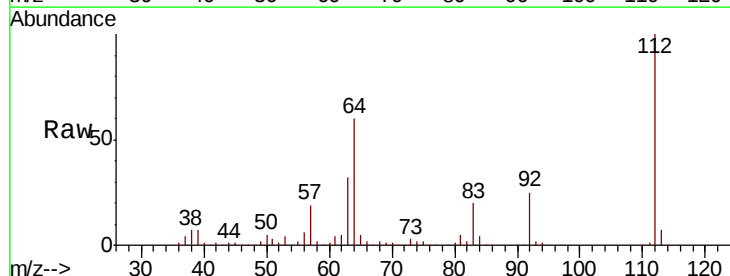
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



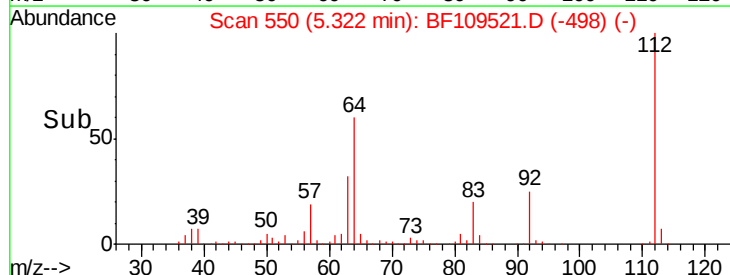
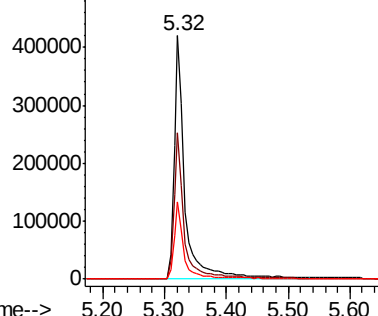
#5

2-Fluorophenol
Concen: 83.331 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109521.D
Acq: 3 Oct 2018 00:59

Tgt Ion:112 Resp: 528277
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 31.7 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: 84.958 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109521.D

Acq: 3 Oct 2018 00:59

Instrument :

BNA_F

ClientSampleId :

PB113418BL

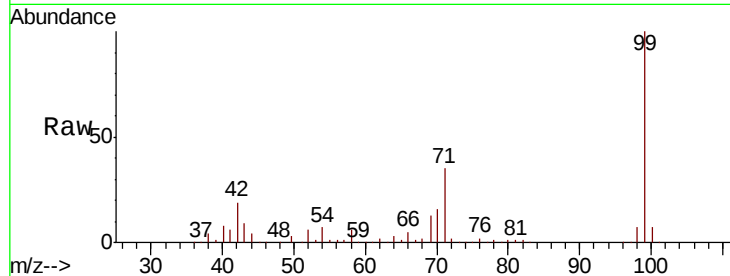
Tgt Ion: 99 Resp: 687265

Ion Ratio Lower Upper

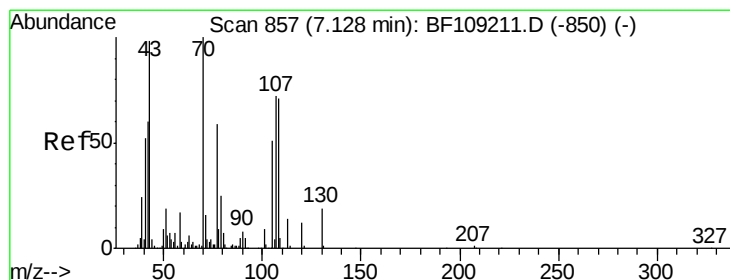
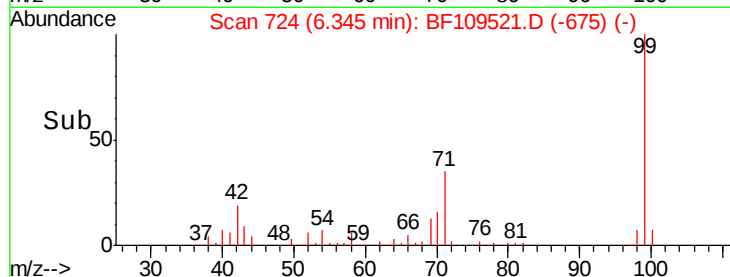
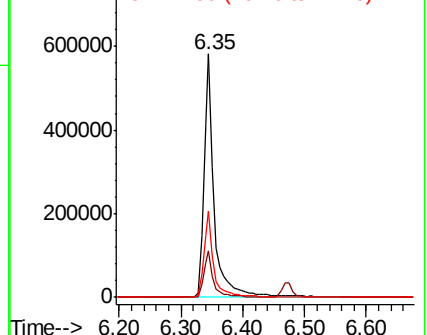
99 100

42 19.0 14.5 21.7

71 35.2 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: 15.996 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109521.D

Acq: 3 Oct 2018 00:59

Tgt Ion: 70 Resp: 84792

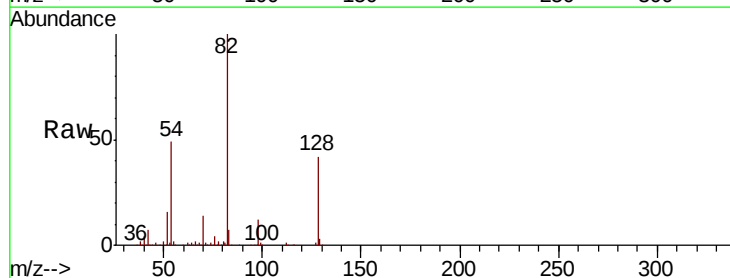
Ion Ratio Lower Upper

70 100

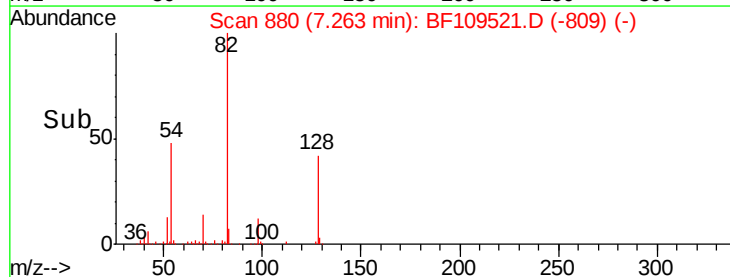
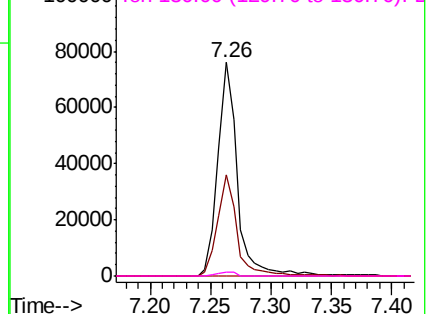
42 47.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109521.D

Acq: 3 Oct 2018 00:59

Instrument :

BNA_F

ClientSampleId :

PB113418BL

Tgt Ion:136 Resp: 403462

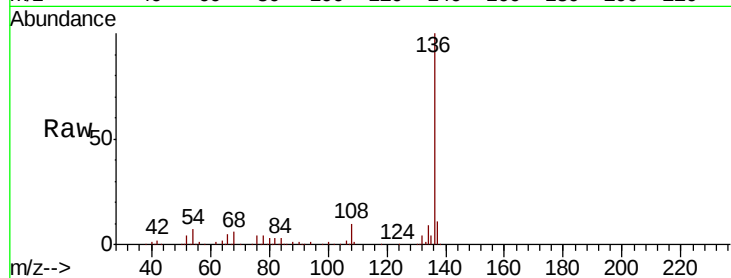
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 6.0 5.0 7.4

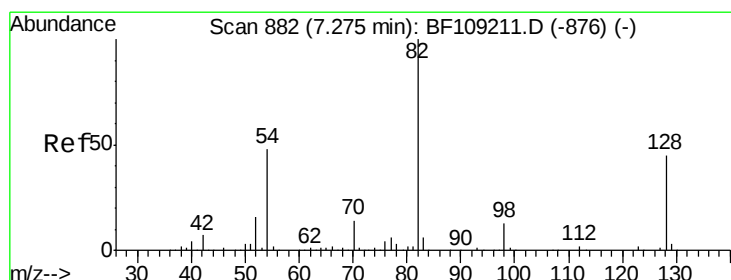
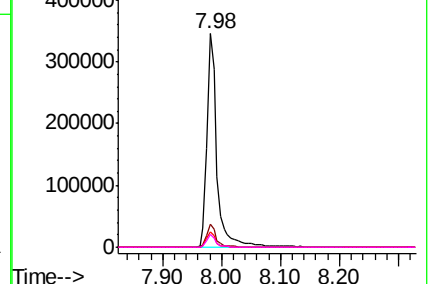
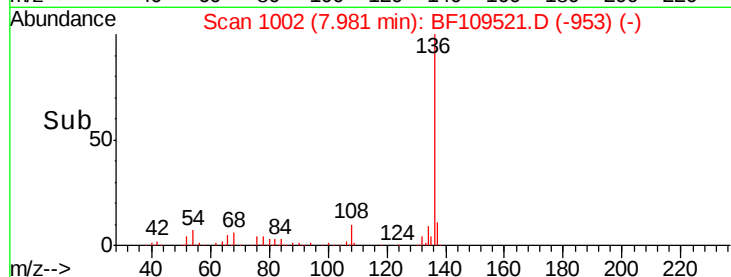


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.908 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109521.D

Acq: 3 Oct 2018 00:59

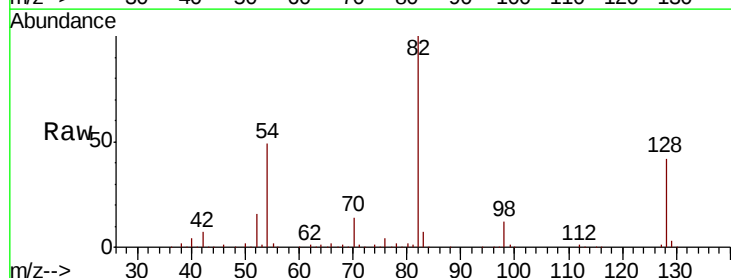
Tgt Ion: 82 Resp: 628161

Ion Ratio Lower Upper

82 100

128 42.3 36.1 54.1

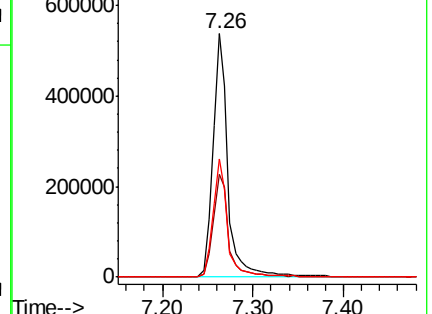
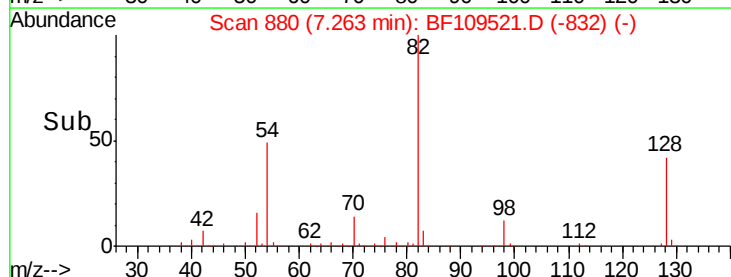
54 48.7 41.4 62.2

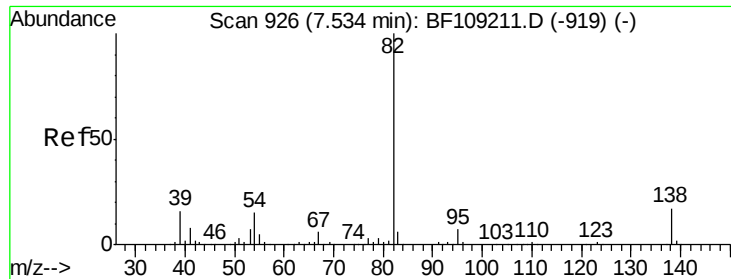


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.316 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF109521.D

Acq: 3 Oct 2018 00:59

Instrument :

BNA_F

ClientSampleId :

PB113418BL

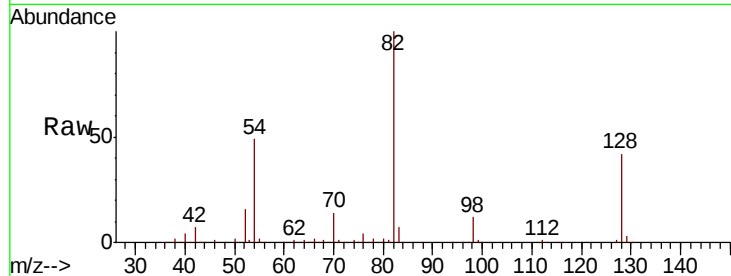
Tgt Ion: 82 Resp: 606952

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

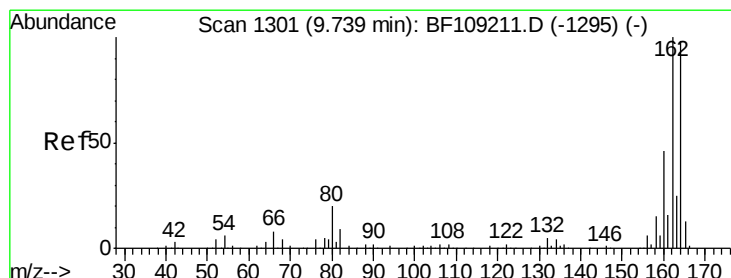
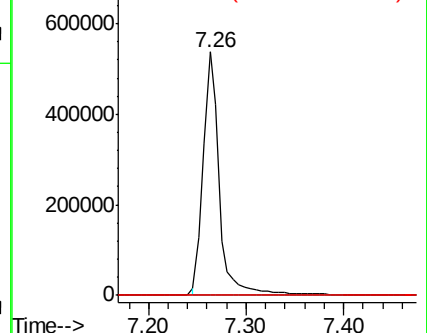
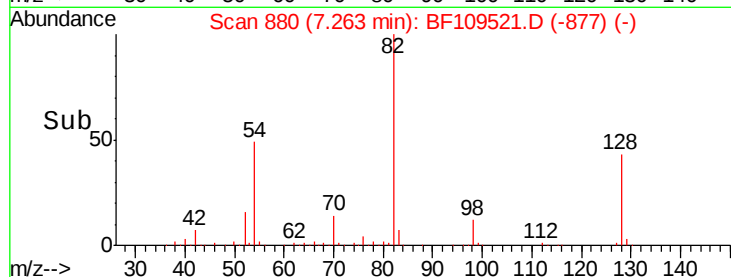
138 0.0 14.9 22.3#



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# 1299

Delta R.T. -0.01 min

Lab File: BF109521.D

Acq: 3 Oct 2018 00:59

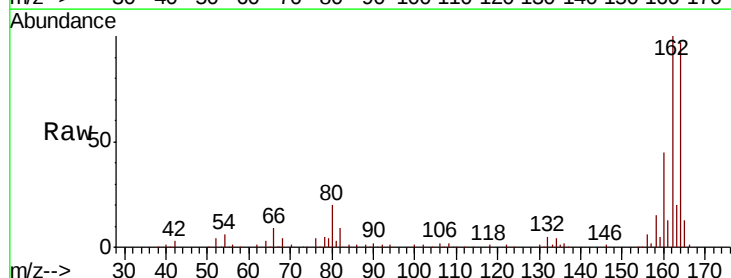
Tgt Ion: 164 Resp: 192817

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

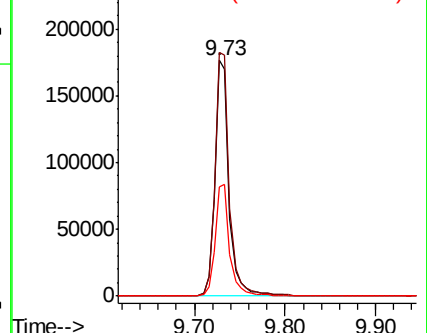
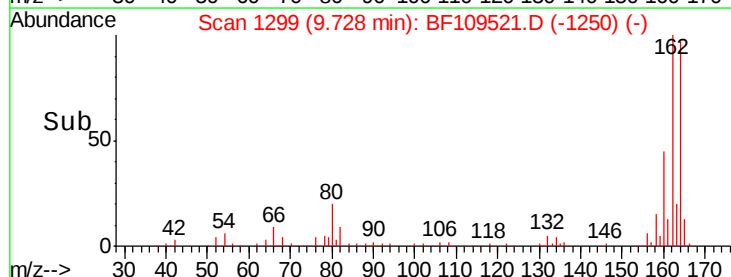
160 46.2 38.3 57.5

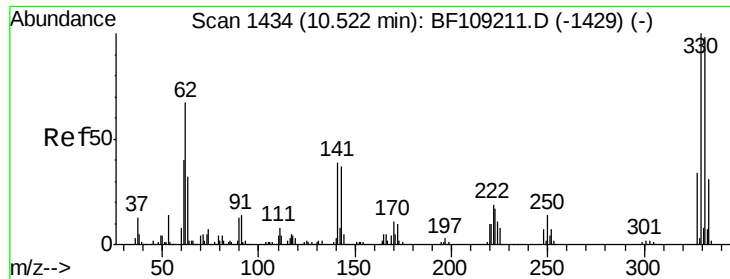


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

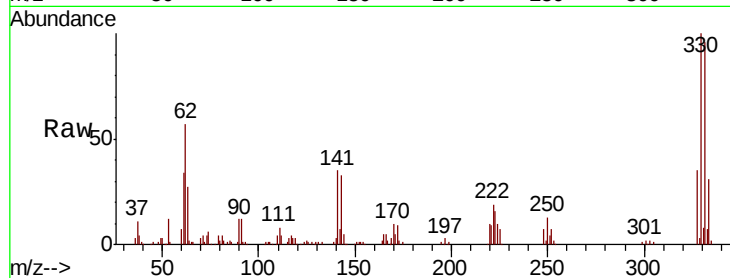




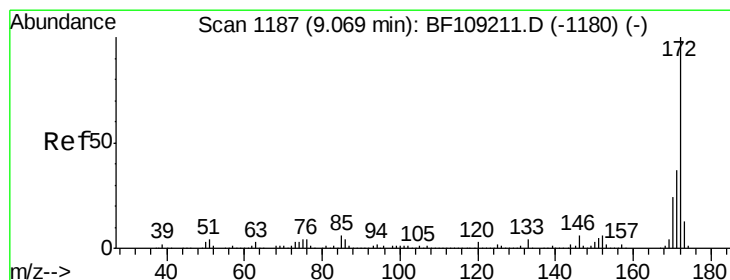
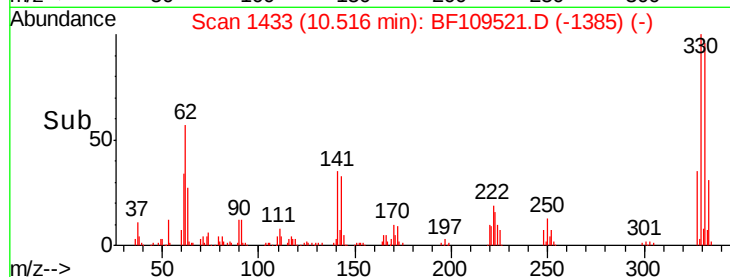
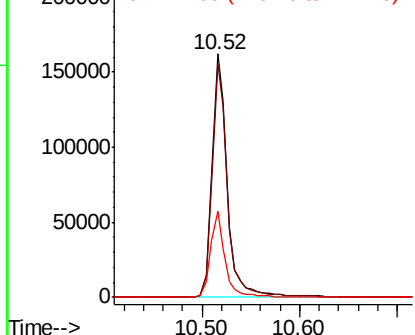
#41
 2,4,6-Tribromophenol
 Concen: 92.349 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109521.D
 Acq: 3 Oct 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BL

Tgt Ion:330 Resp: 175534
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.8 29.9 44.9

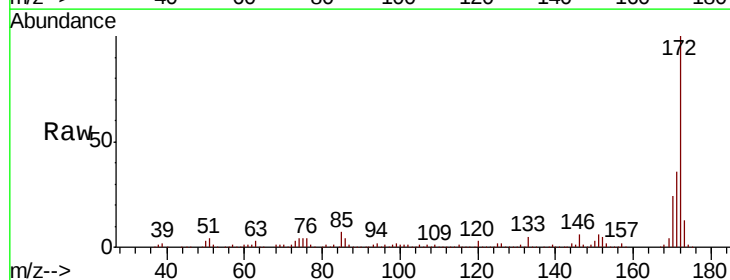


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

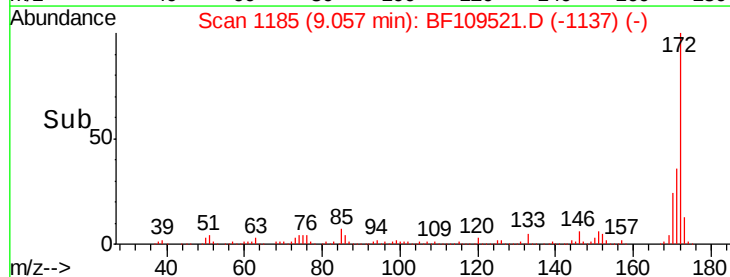
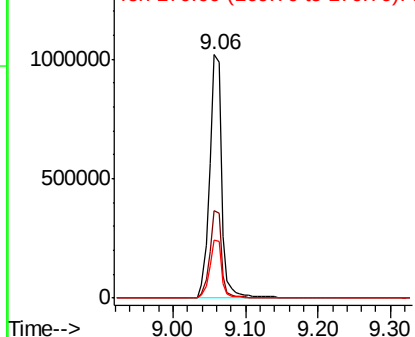


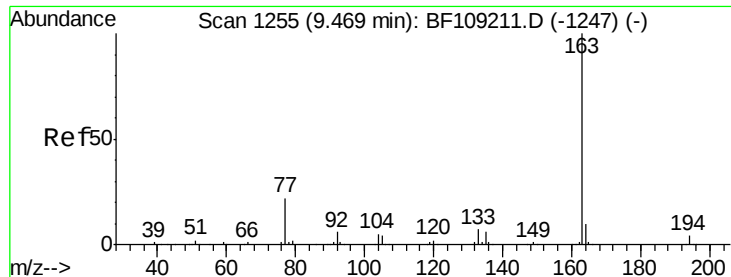
#44
 2-Fluorobiphenyl
 Concen: 92.336 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109521.D
 Acq: 3 Oct 2018 00:59

Tgt Ion:172 Resp: 1180477
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

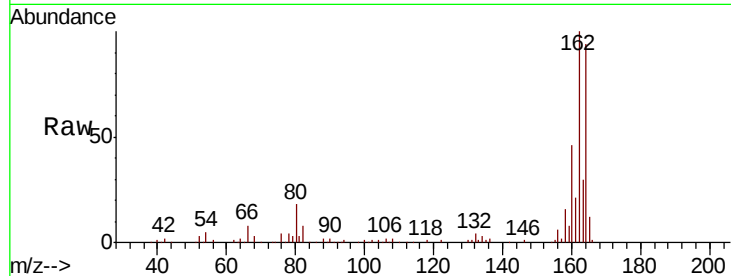




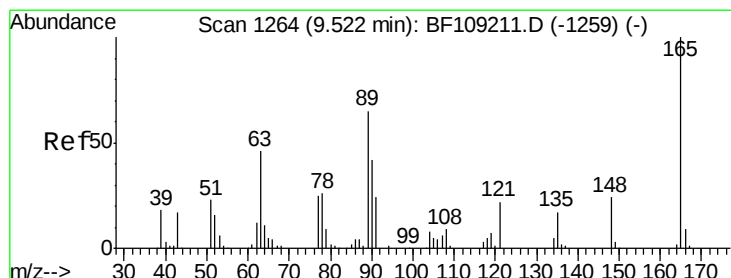
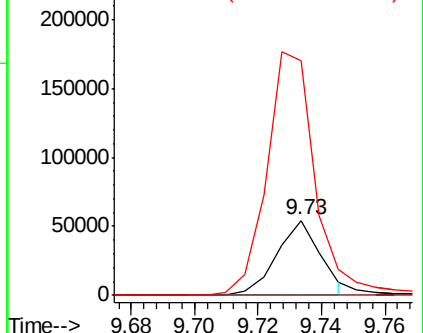
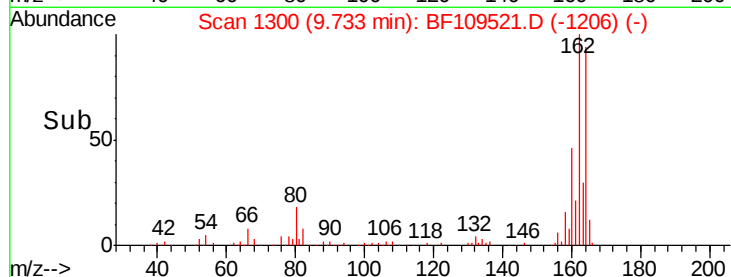
#49
 Dimethylphthalate
 Concen: 3.727 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.25 min
 Lab File: BF109521.D
 Acq: 3 Oct 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BL

Tgt Ion:163 Resp: 52266
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.7 4.1#
 164 313.4 8.2 12.2#

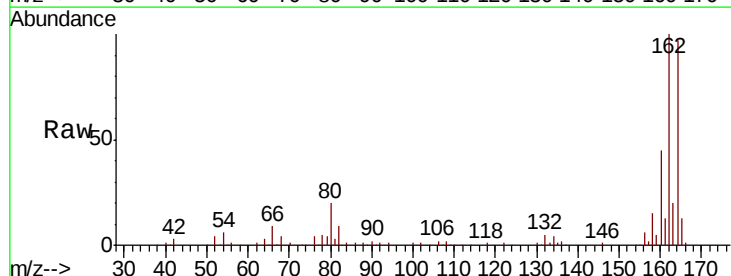


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

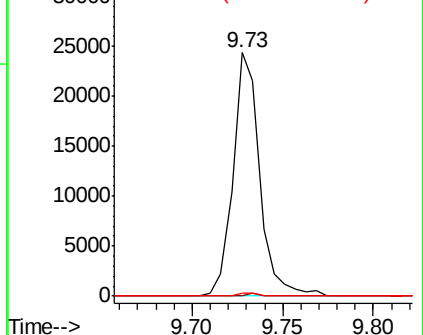
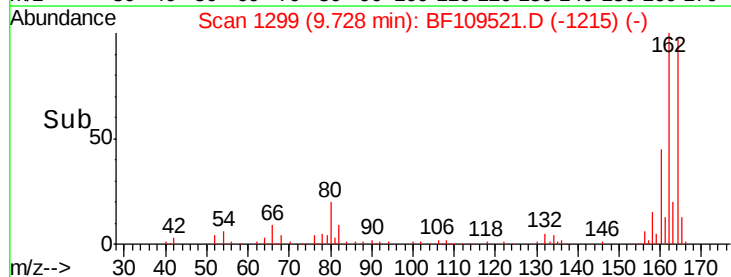


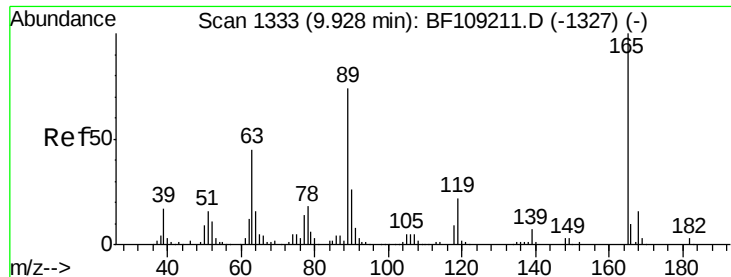
#50
 2,6-Dinitrotoluene
 Concen: 8.973 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF109521.D
 Acq: 3 Oct 2018 00:59

Tgt Ion:165 Resp: 24922
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.3 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

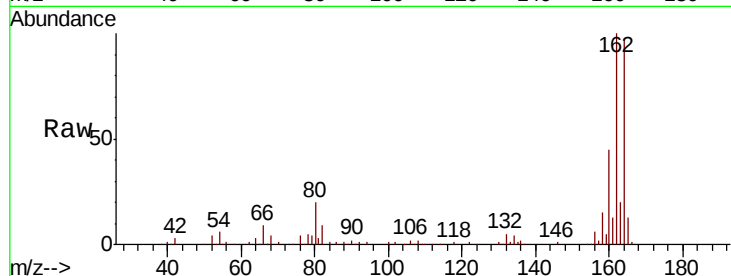




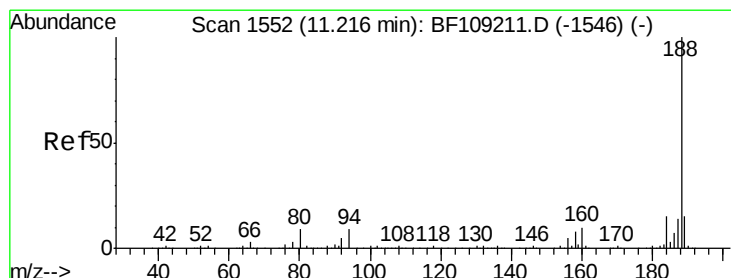
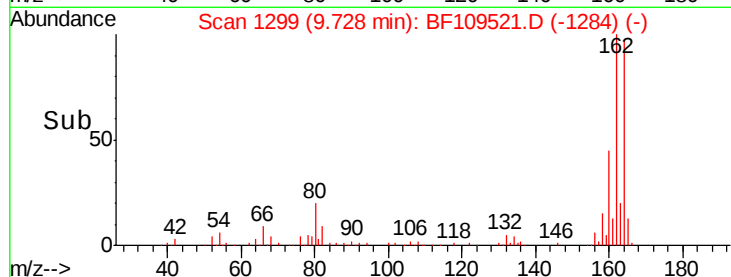
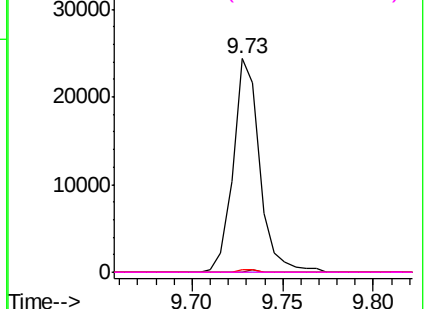
#56
2,4-Dinitrotoluene
Concen: 7.091 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF109521.D
Acq: 3 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB113418BL

Tgt Ion:	165	Resp:	24922
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

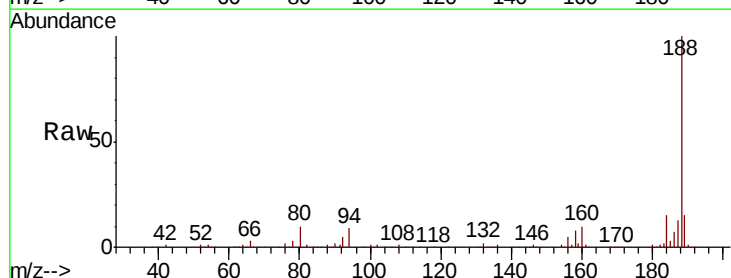


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

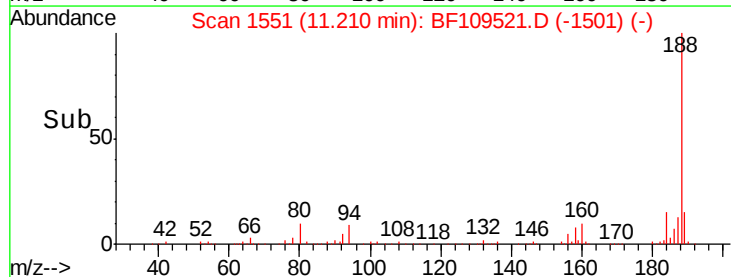
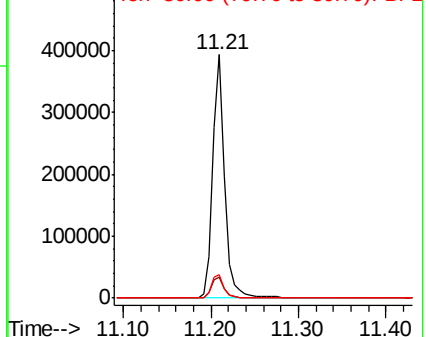


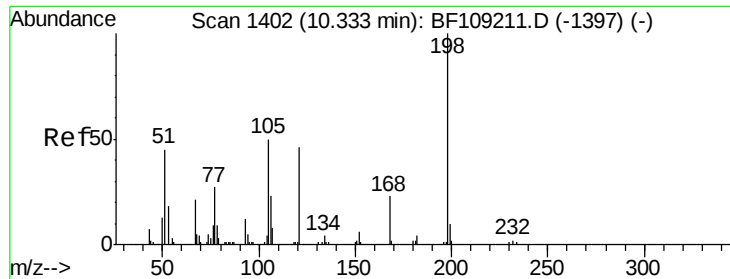
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109521.D
Acq: 3 Oct 2018 00:59

Tgt Ion:	188	Resp:	374565
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.5	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

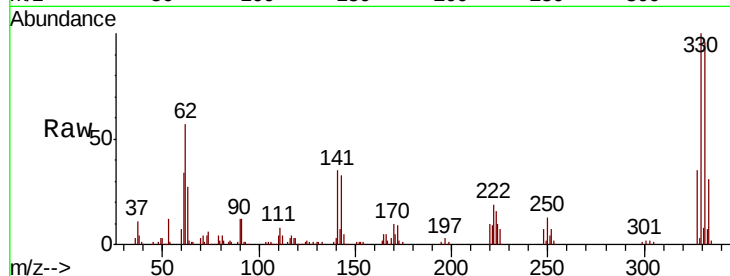




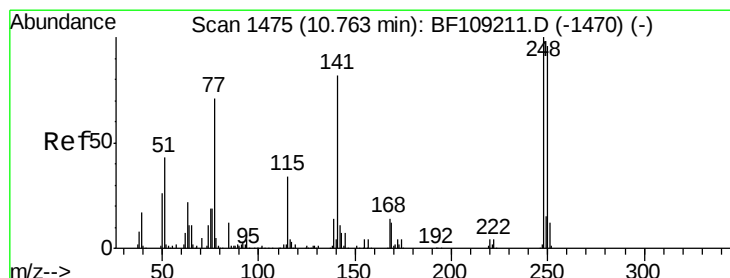
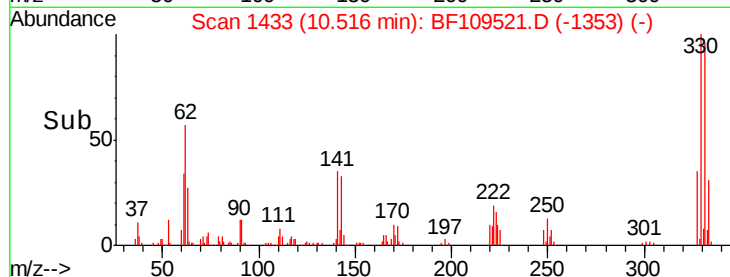
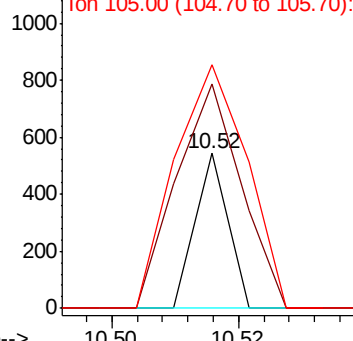
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.630 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109521.D
 Acq: 3 Oct 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BL

Tgt Ion:198 Resp: 192
 Ion Ratio Lower Upper
 198 100
 51 144.9 37.7 77.7#
 105 157.3 36.3 76.3#

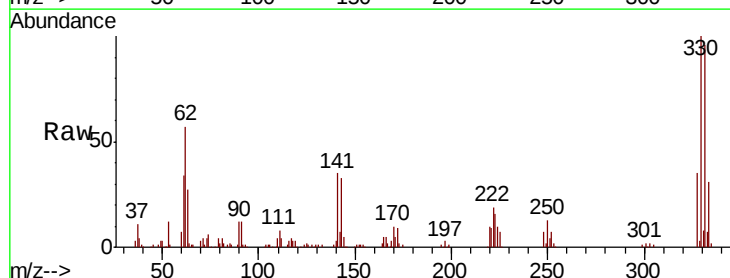


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

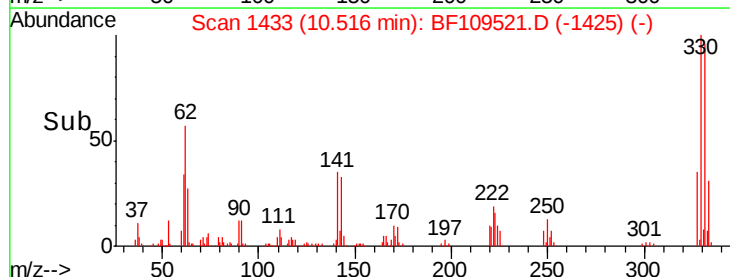
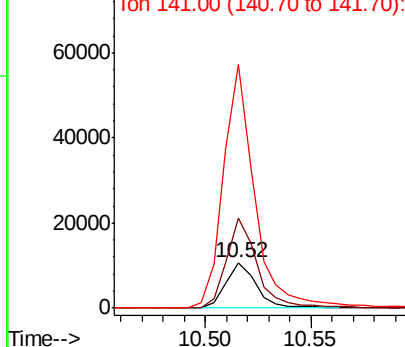


#66
 4-Bromophenyl-phenylether
 Concen: 2.579 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF109521.D
 Acq: 3 Oct 2018 00:59

Tgt Ion:248 Resp: 10728
 Ion Ratio Lower Upper
 248 100
 250 199.0 76.9 115.3#
 141 536.7 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: BF109521.D

Acq: 3 Oct 2018 00:59

Instrument :

BNA_F

ClientSampleId :

PB113418BL

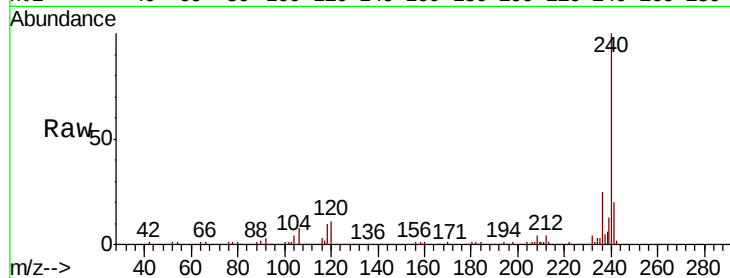
Tgt Ion:240 Resp: 262870

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

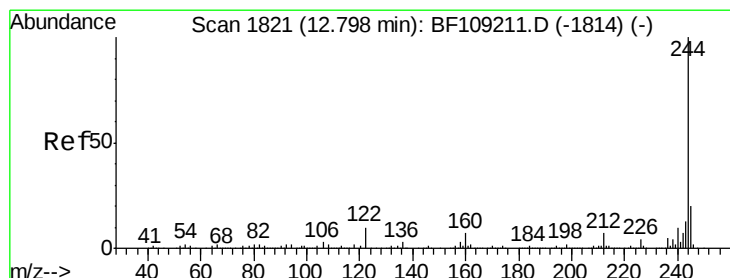
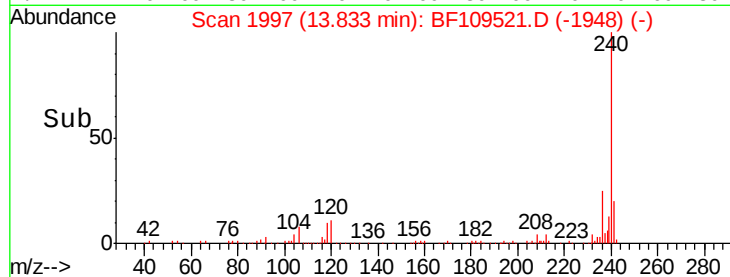
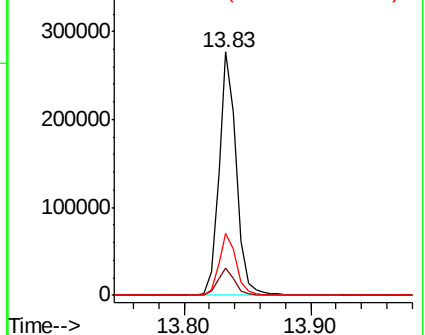
236 25.2 20.7 31.1



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: 104.528 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109521.D

Acq: 3 Oct 2018 00:59

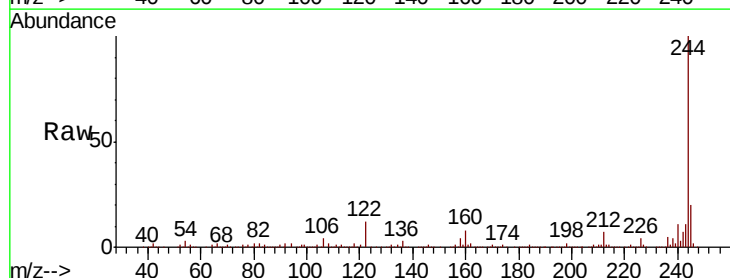
Tgt Ion:244 Resp: 1119616

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

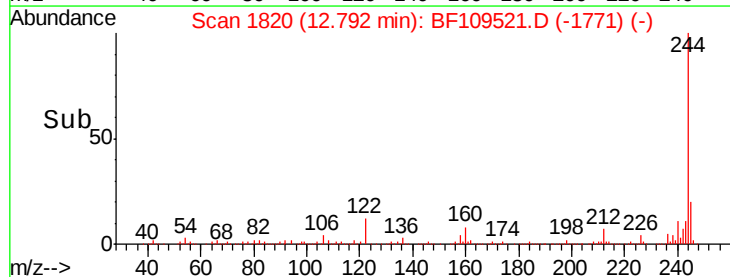
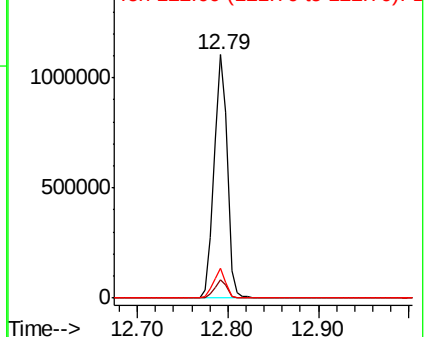
122 12.3 11.0 16.4

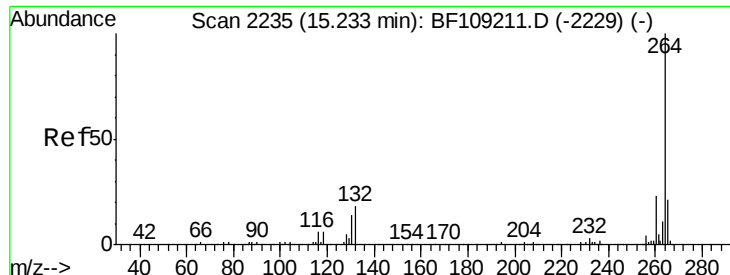


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

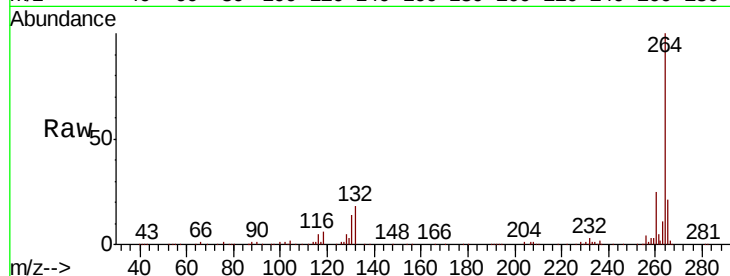




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109521.D
Acq: 3 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB113418BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.5	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

