

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100118\
 Data File : BF109491.D
 Acq On : 1 Oct 2018 23:28
 Operator : JU/SJ
 Sample : J5155-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW16S-GW

Quant Time: Oct 02 03:45:19 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	104670	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	380894	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	160676	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	261145	20.00	ng	0.00
75) Chrysene-d12	13.84	240	236791	20.00	ng	0.00
86) Perylene-d12	15.24	264	161361	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	281965	44.37	ng	0.00
7) Phenol-d6	6.35	99	212023	26.15	ng	0.00
23) Nitrobenzene-d5	7.27	82	519089	80.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	163549	103.26	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	912350	85.64	ng	-0.01
78) Terphenyl-d14	12.80	244	731698	75.84	ng	0.00

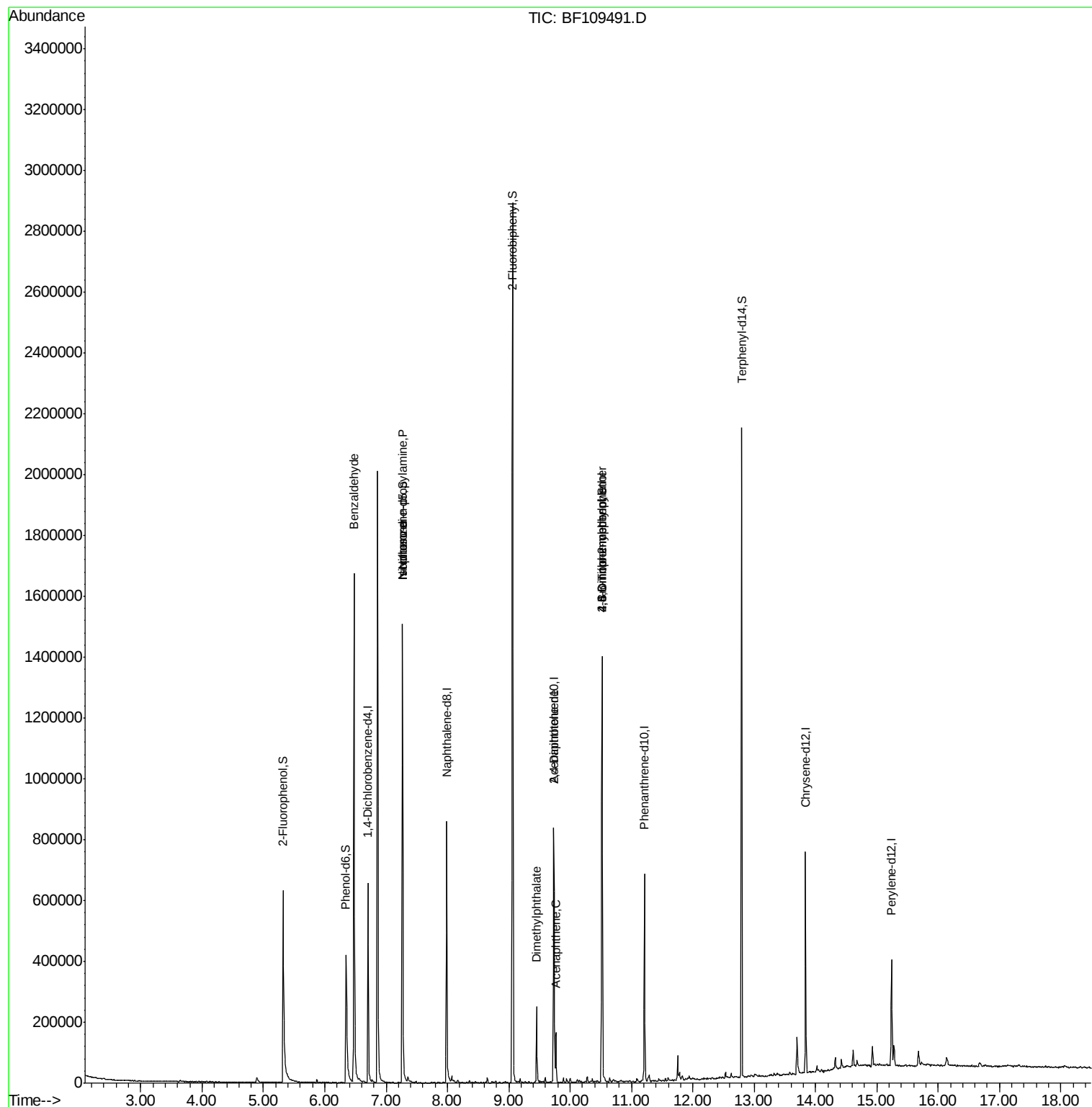
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	12804	2.458	ng	# 71
19) n-Nitroso-di-n-propylamine	7.27	70	70626	13.292	ng	# 77
25) Isophorone	7.27	82	502203	43.222	ng	# 64
49) Dimethylphthalate	9.46	163	110088	9.420	ng	98
51) Acenaphthene	9.77	154	36238	3.799	ng	99
56) 2,4-Dinitrotoluene	9.73	165	20390	6.962	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.52	198	201	6.686	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10459	3.607	ng	# 1

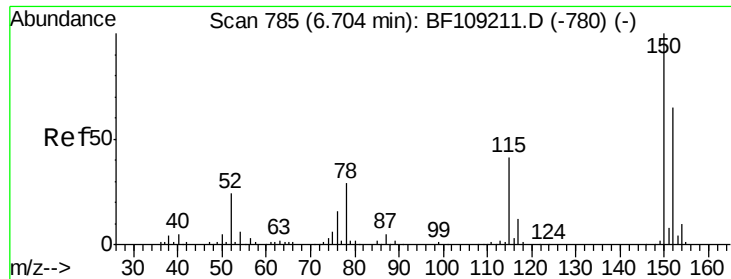
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF109491.D

Acq: 1 Oct 2018 23:28

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW16S-GW

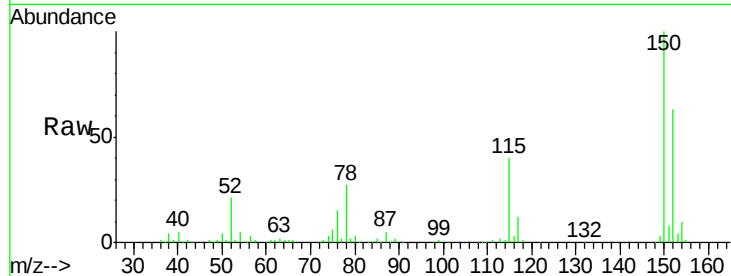
Tgt Ion:152 Resp: 104670

Ion Ratio Lower Upper

152 100

150 157.7 124.6 186.8

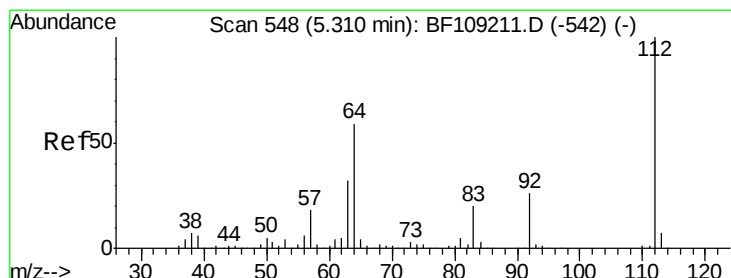
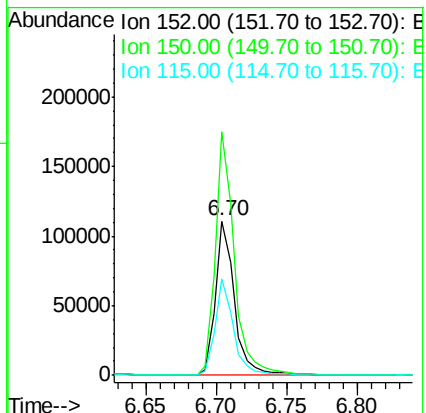
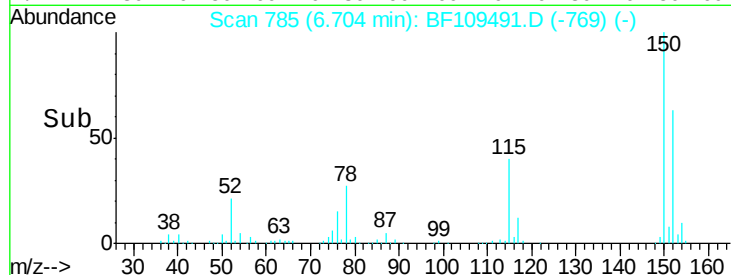
115 62.6 50.1 75.1



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: 44.370 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109491.D

Acq: 1 Oct 2018 23:28

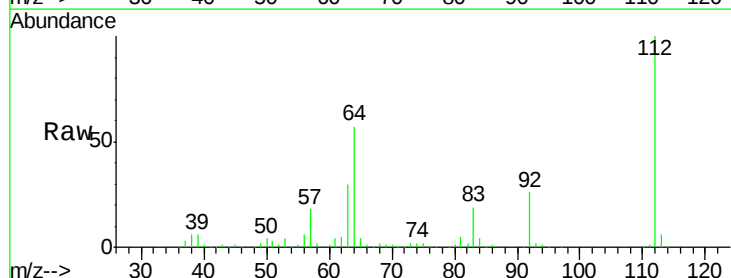
Tgt Ion:112 Resp: 281965

Ion Ratio Lower Upper

112 100

64 57.1 47.9 71.9

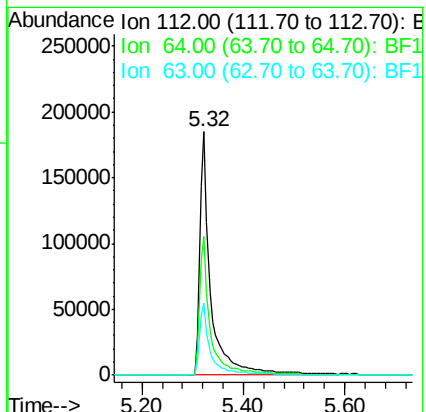
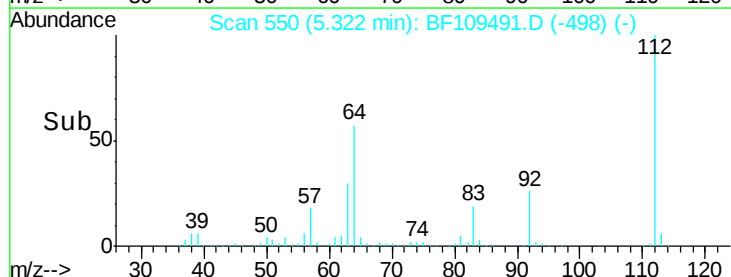
63 29.8 23.7 35.5

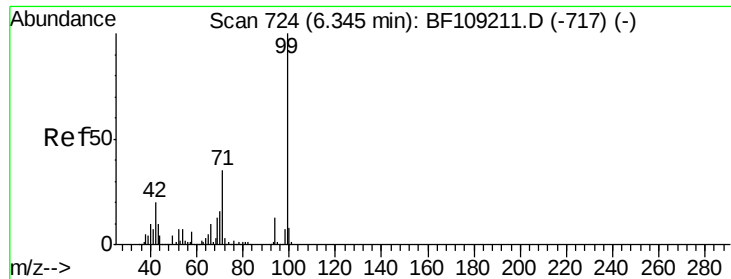


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 26.146 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109491.D

Acq: 1 Oct 2018 23:28

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW16S-GW

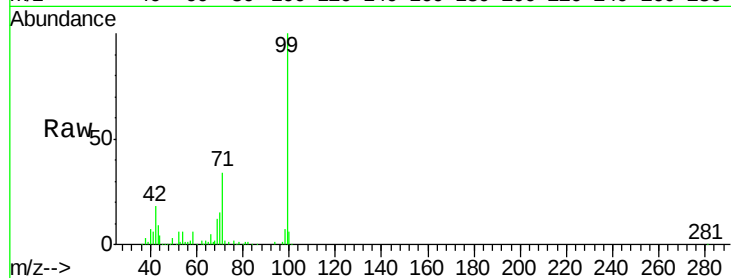
Tgt Ion: 99 Resp: 212023

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

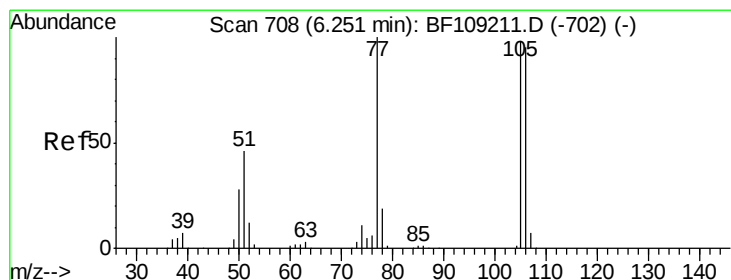
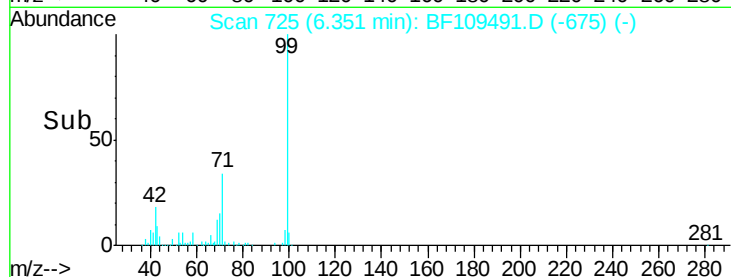
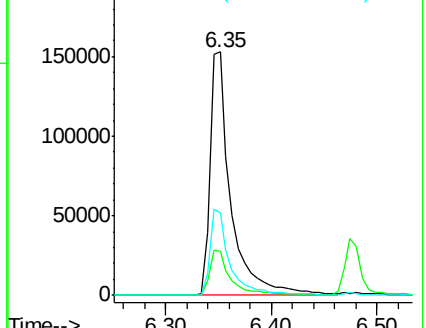
71 34.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.458 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109491.D

Acq: 1 Oct 2018 23:28

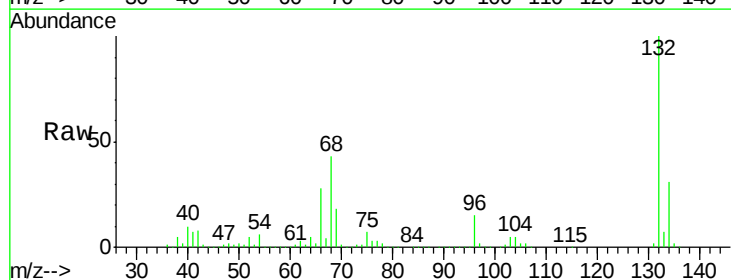
Tgt Ion: 77 Resp: 12804

Ion Ratio Lower Upper

77 100

105 74.9 81.1 121.1#

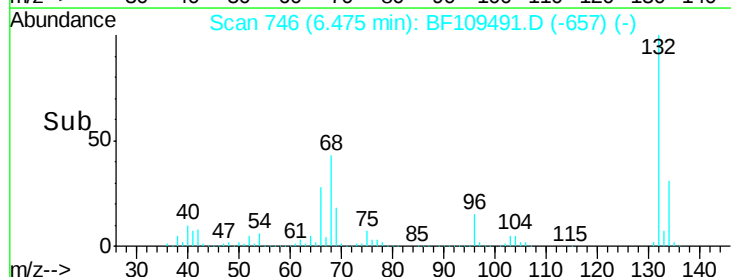
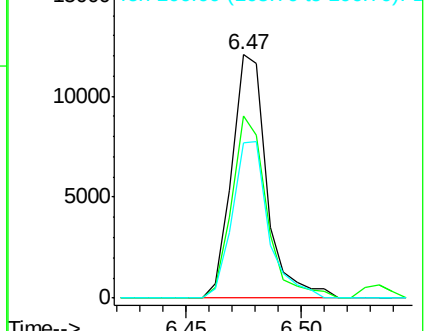
106 64.0 74.5 114.5#

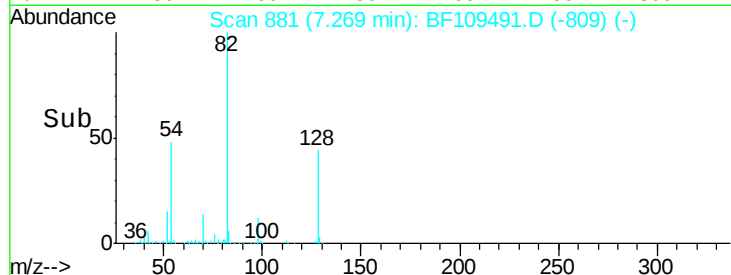
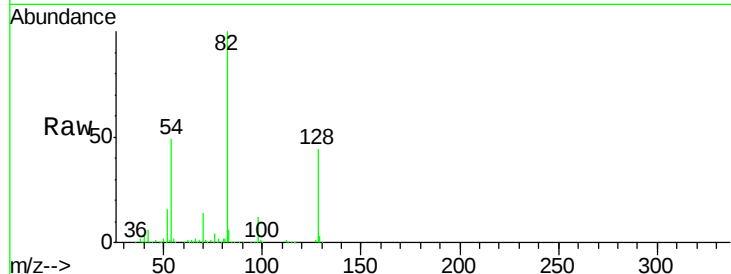


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

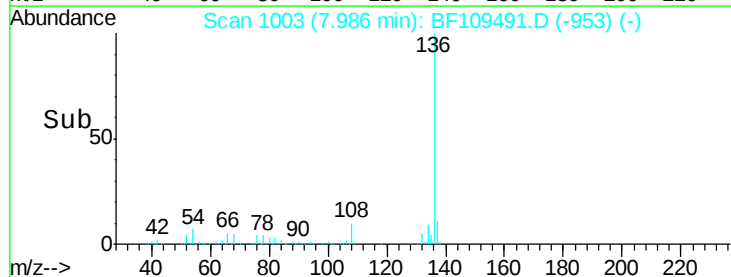
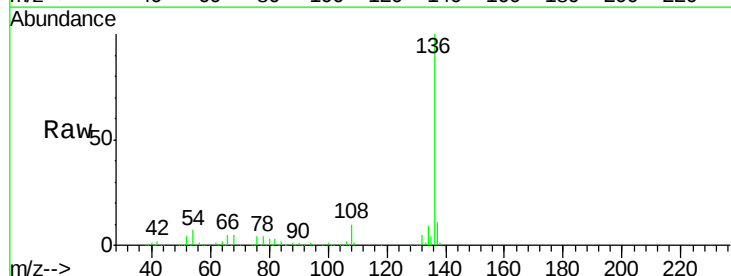
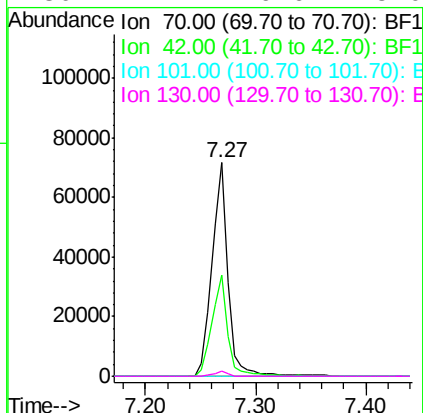




#19
n-Nitroso-di-n-propylamine
Concen: 13.292 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109491.D
Acq: 1 Oct 2018 23:28

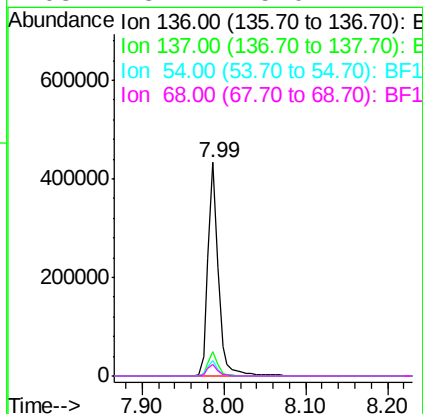
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW16S-GW

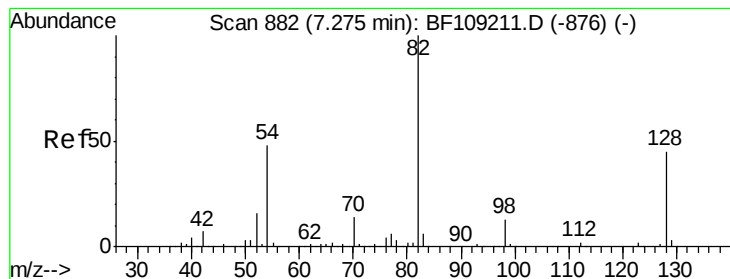
Tgt Ion:	70	Resp:	70626
Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109491.D
Acq: 1 Oct 2018 23:28

Tgt Ion:	136	Resp:	380894
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.0	6.6	9.8
68	5.2	5.0	7.4





#23

Nitrobenzene-d5

Concen: 80.449 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109491.D

Acq: 1 Oct 2018 23:28

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW16S-GW

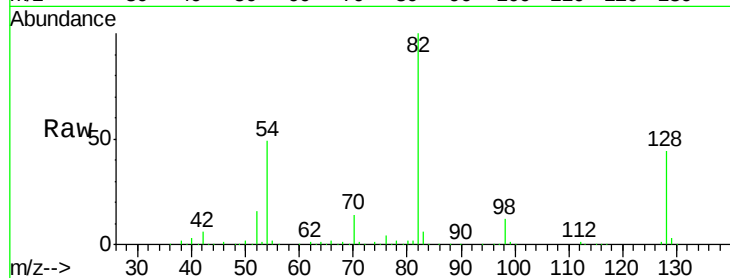
Tgt Ion: 82 Resp: 519089

Ion Ratio Lower Upper

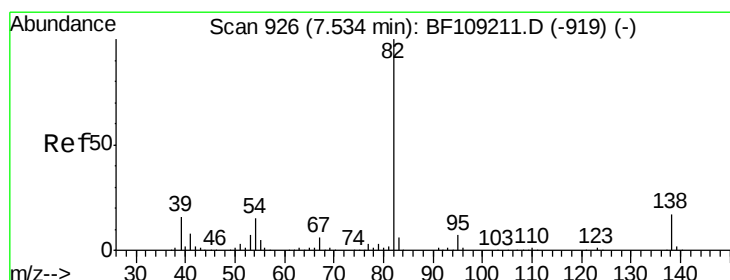
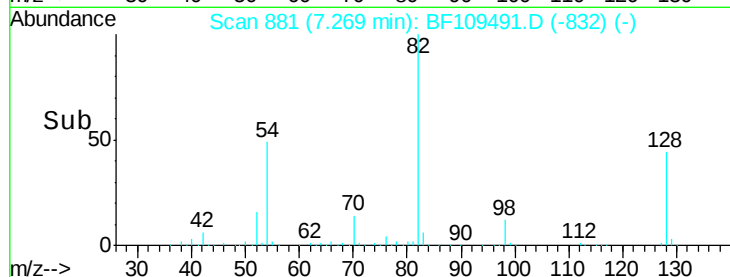
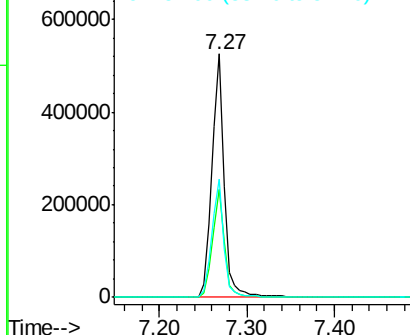
82 100

128 44.1 36.1 54.1

54 48.6 41.4 62.2



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: 43.222 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109491.D

Acq: 1 Oct 2018 23:28

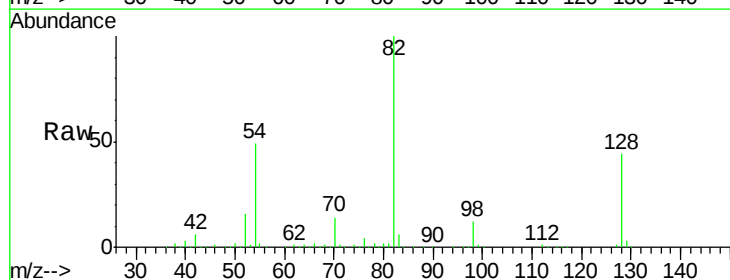
Tgt Ion: 82 Resp: 502203

Ion Ratio Lower Upper

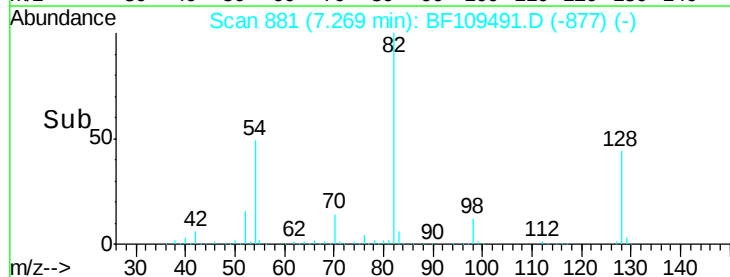
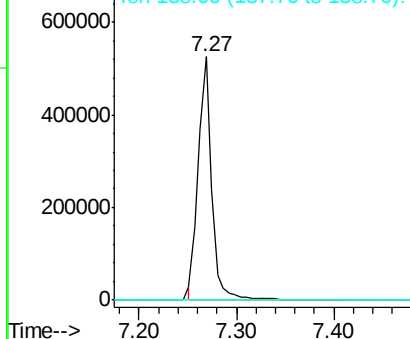
82 100

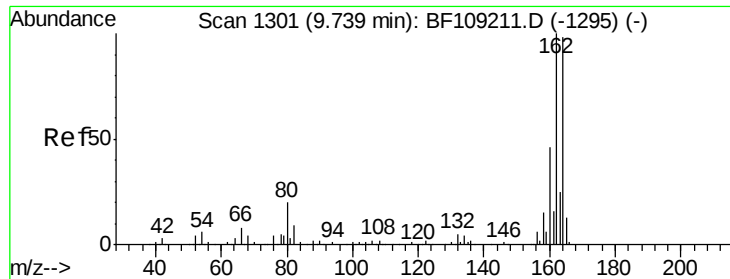
95 0.0 5.2 7.8#

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

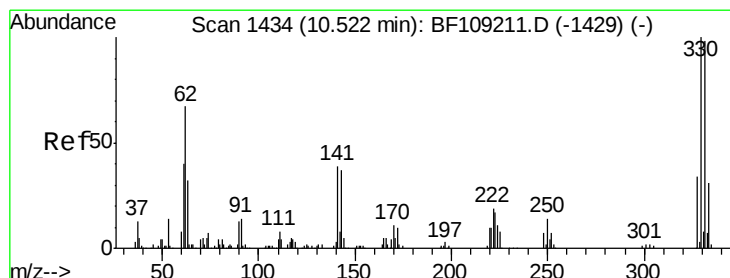
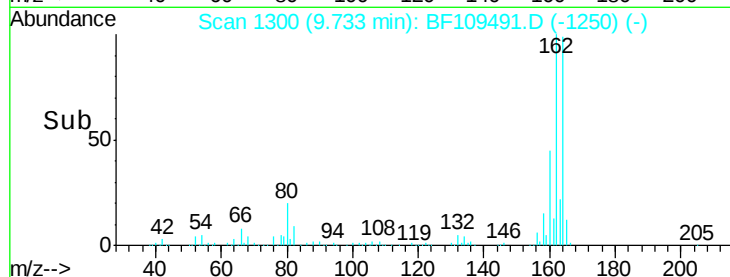
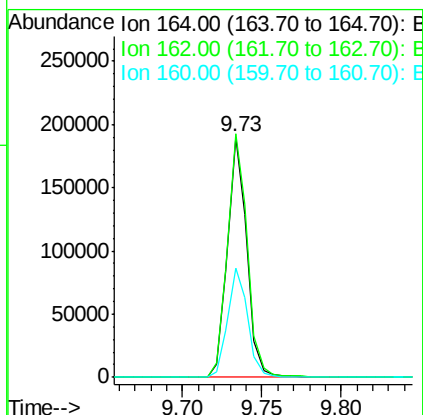
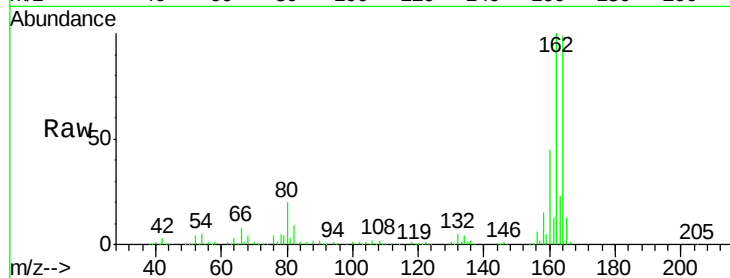




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109491.D
 Acq: 1 Oct 2018 23:28

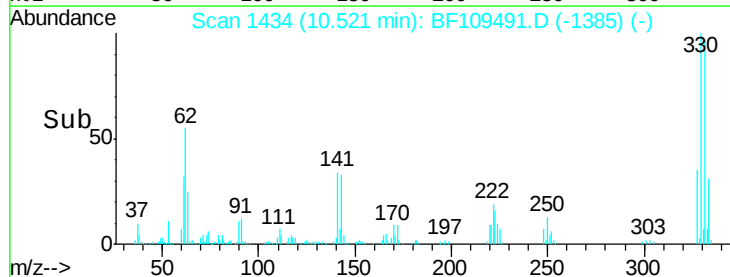
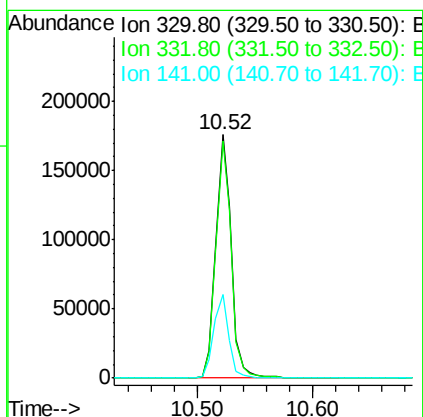
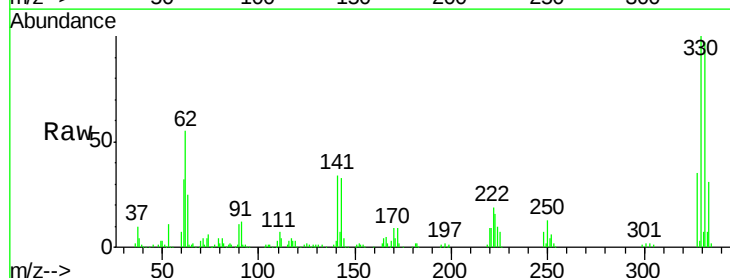
Instrument :
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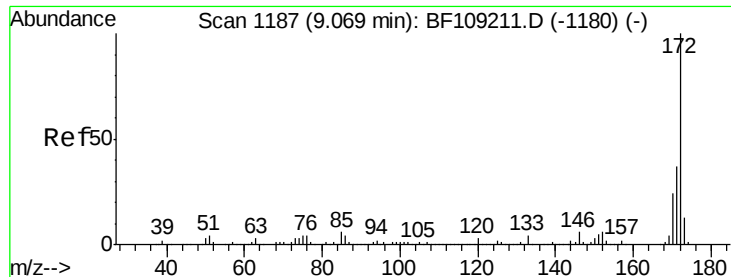
Tgt Ion:164 Resp: 160676
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 45.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 103.255 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109491.D
 Acq: 1 Oct 2018 23:28

Tgt Ion:330 Resp: 163549
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 33.4 29.9 44.9

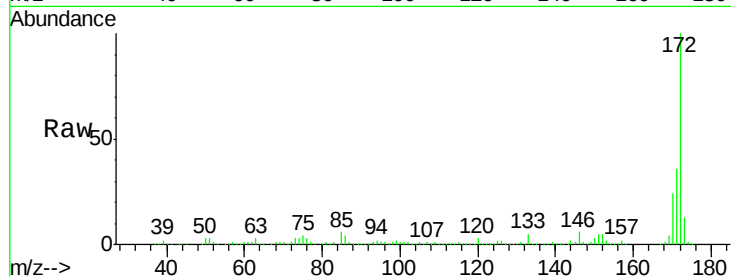




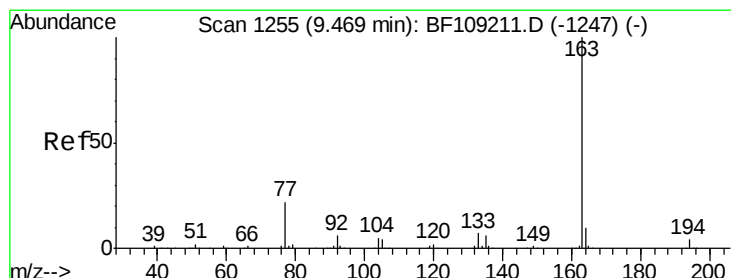
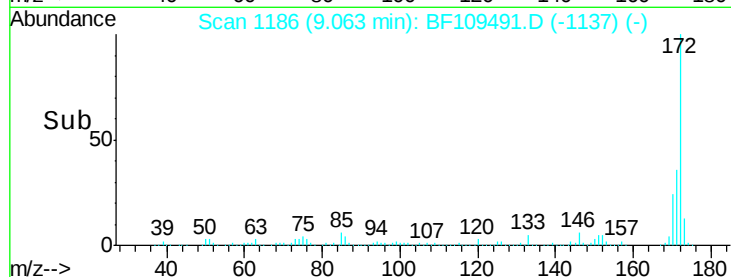
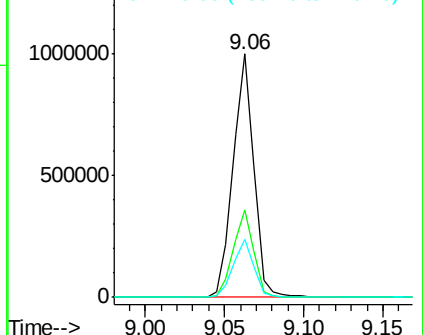
#44
2-Fluorobiphenyl
Concen: 85.638 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109491.D
Acq: 1 Oct 2018 23:28

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW16S-GW

Tgt Ion:172 Resp: 912350
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.0 19.6 29.4

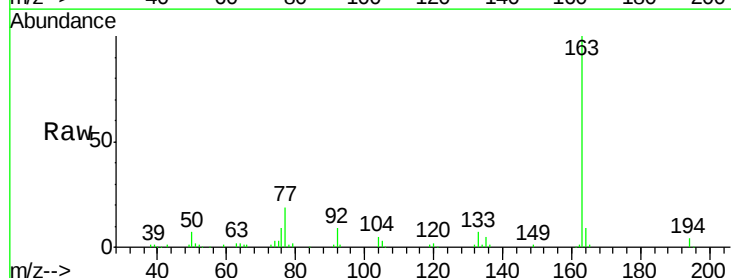


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

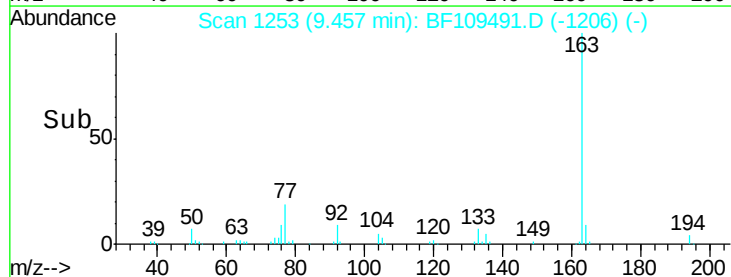
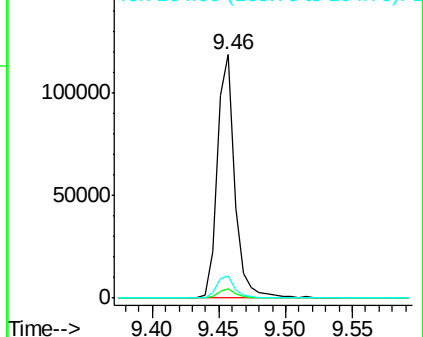


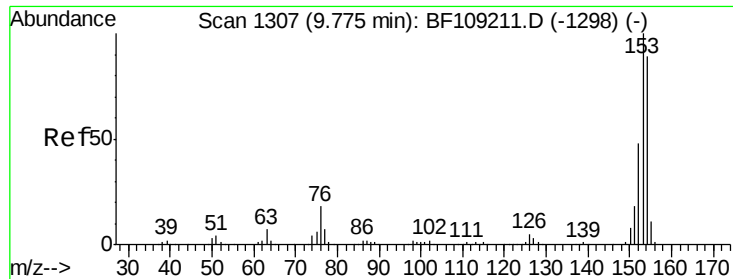
#49
Dimethylphthalate
Concen: 9.420 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109491.D
Acq: 1 Oct 2018 23:28

Tgt Ion:163 Resp: 110088
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.2 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





#51

Acenaphthene

Concen: 3.799 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF109491.D

Acq: 1 Oct 2018 23:28

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW16S-GW

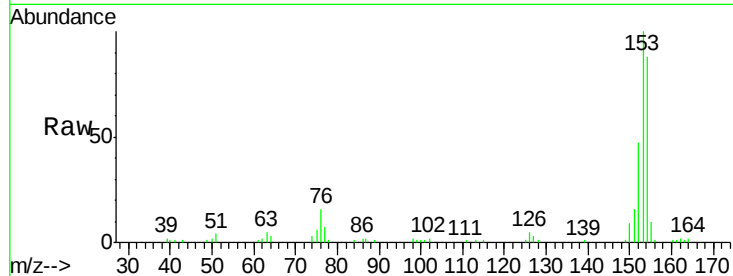
Tgt Ion:154 Resp: 36238

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

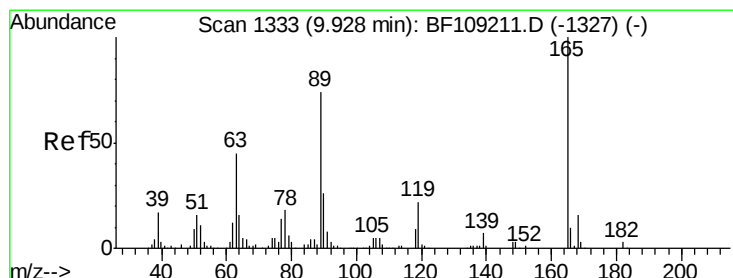
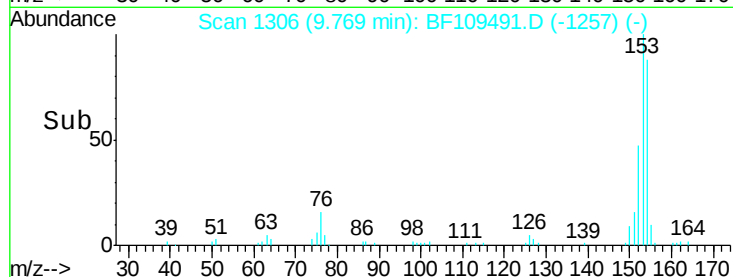
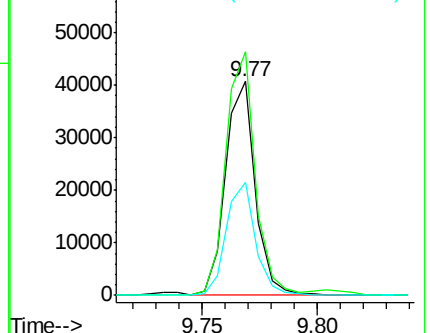
152 52.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.962 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.21 min

Lab File: BF109491.D

Acq: 1 Oct 2018 23:28

Tgt Ion:165 Resp: 20390

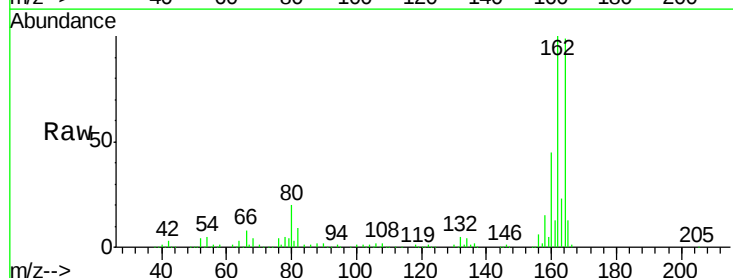
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

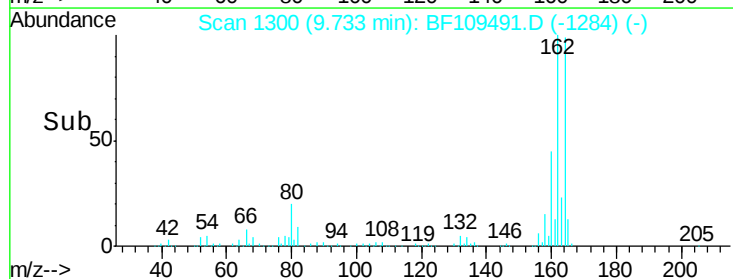
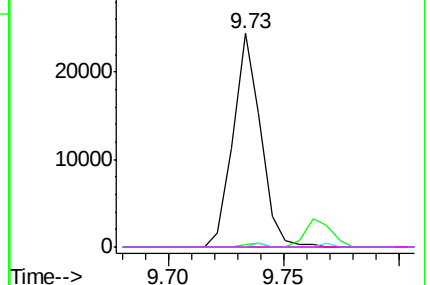


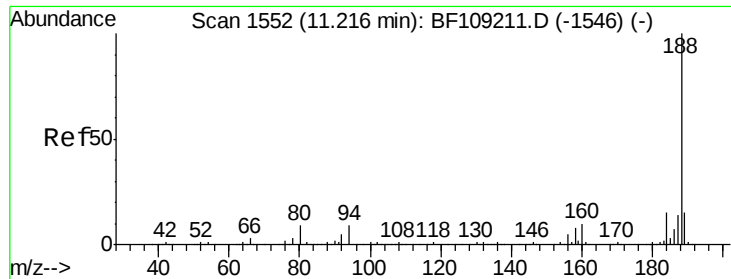
Abundance Ion 165.00 (164.70 to 165.70): E

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

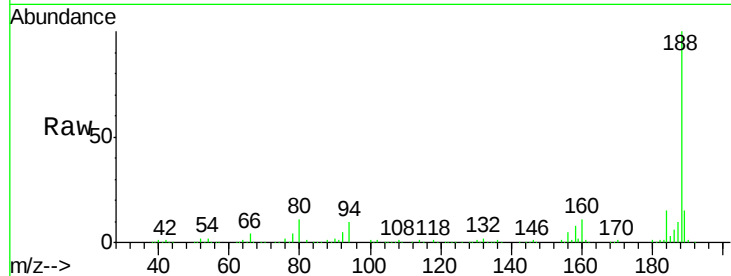




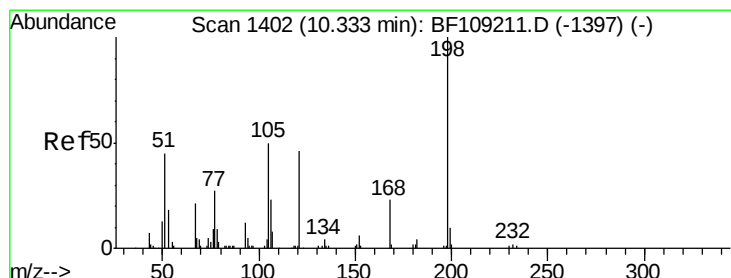
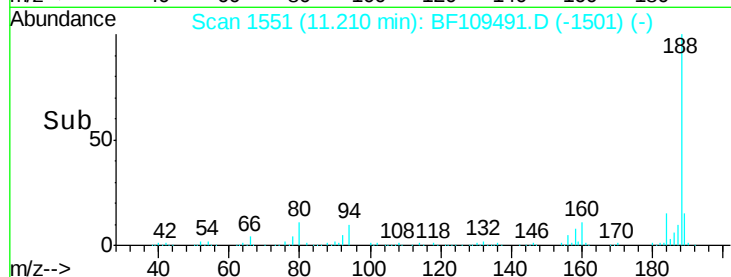
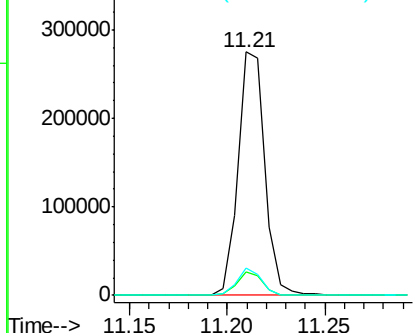
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109491.D
Acq: 1 Oct 2018 23:28

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW16S-GW

Tgt Ion:188 Resp: 261145
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 11.0 9.2 13.8

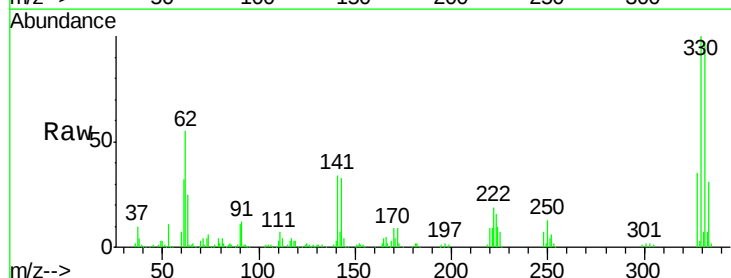


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

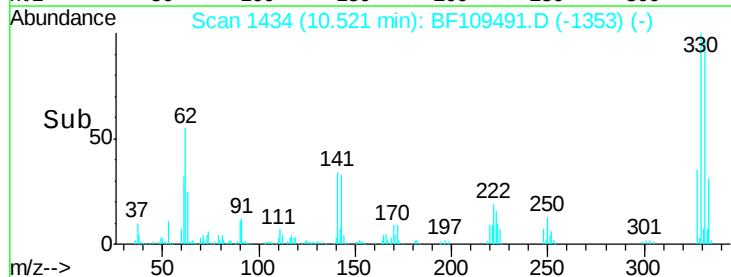
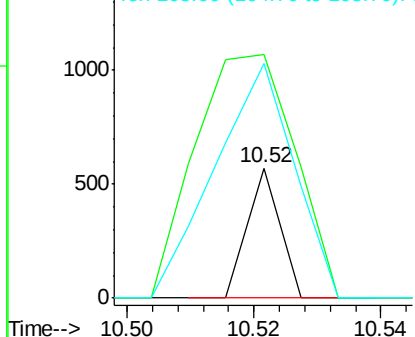


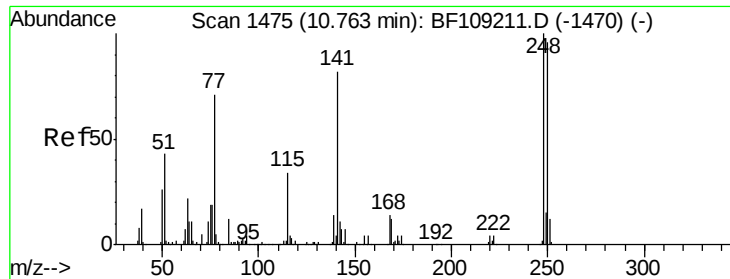
#64
4,6-Dinitro-2-methylphenol
Concen: 6.686 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109491.D
Acq: 1 Oct 2018 23:28

Tgt Ion:198 Resp: 201
Ion Ratio Lower Upper
198 100
51 187.2 37.7 77.7#
105 180.7 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

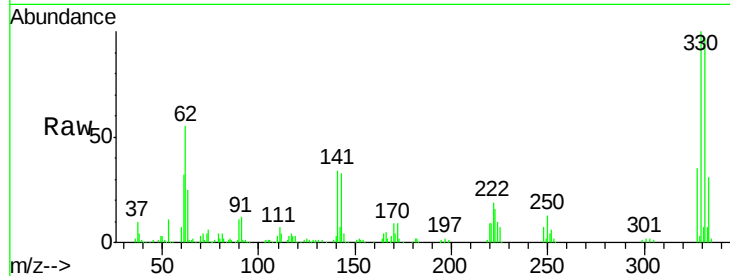




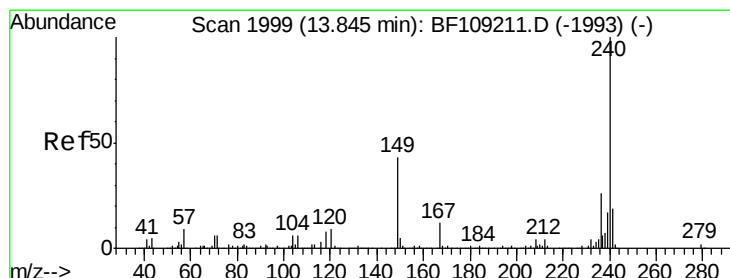
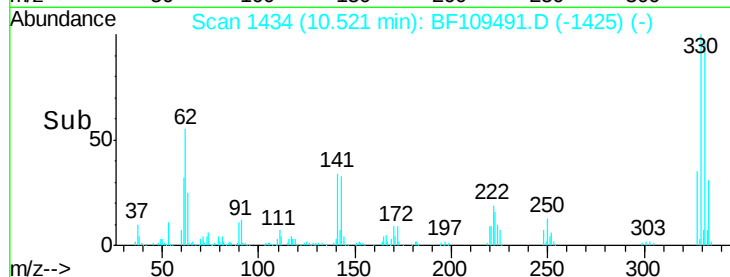
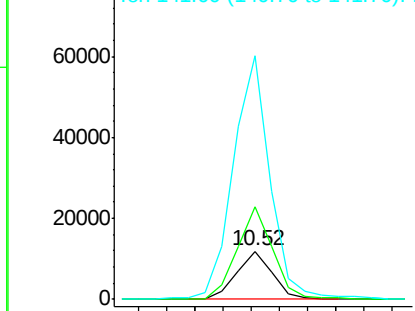
#66
4-Bromophenyl-phenylether
Concen: 3.607 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109491.D
Acq: 1 Oct 2018 23:28

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW16S-GW

Tgt Ion:248 Resp: 10459
Ion Ratio Lower Upper
248 100
250 190.9 76.9 115.3#
141 503.6 74.4 111.6#

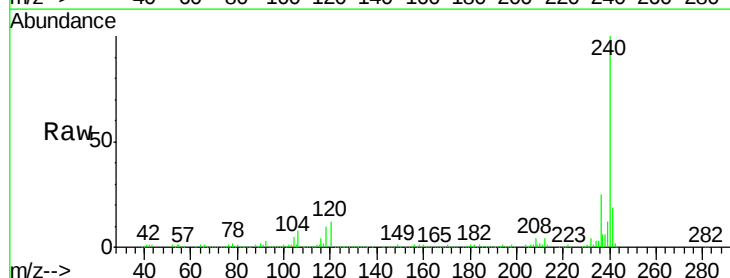


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

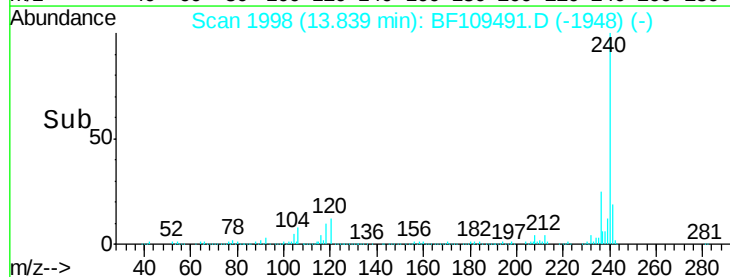
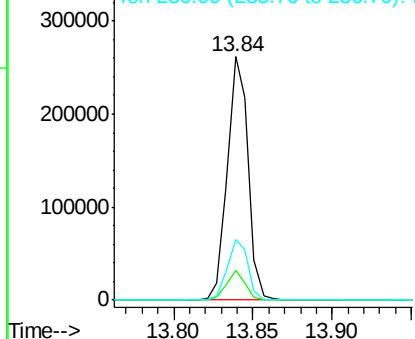


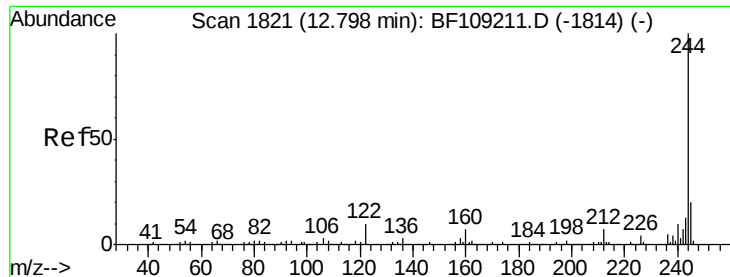
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109491.D
Acq: 1 Oct 2018 23:28

Tgt Ion:240 Resp: 236791
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 24.8 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

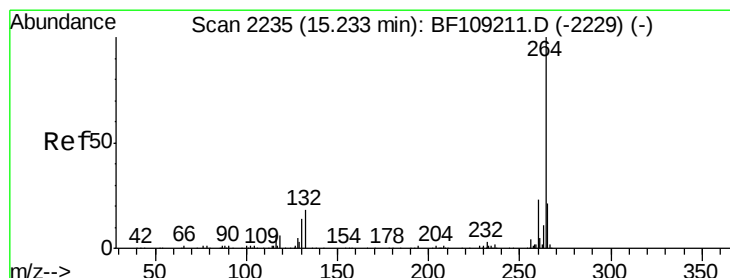
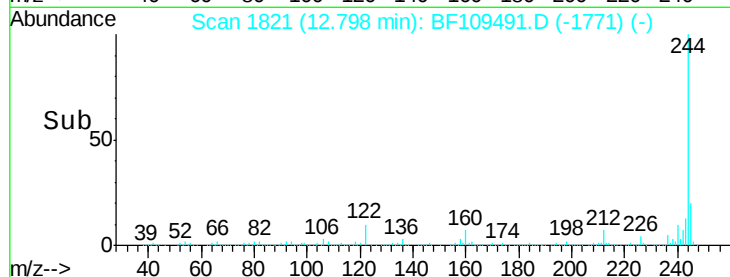
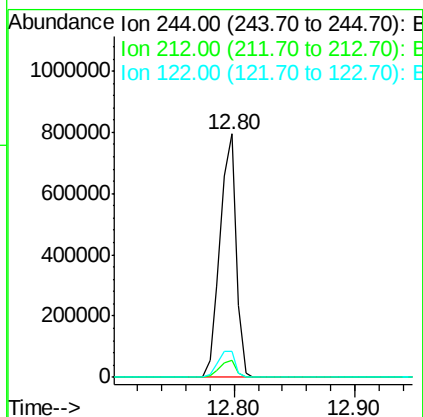
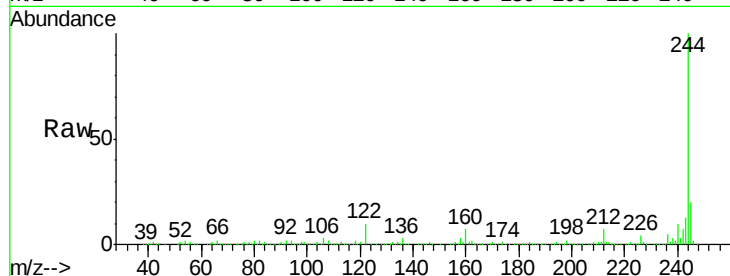




#78
 Terphenyl-d14
 Concen: 75.835 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109491.D
 Acq: 1 Oct 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW16S-GW

Tgt Ion:244 Resp: 731698
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109491.D
 Acq: 1 Oct 2018 23:28

Tgt Ion:264 Resp: 161361
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.0 17.5 26.3

