

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
 Data File : BF109604.D
 Acq On : 4 Oct 2018 22:56
 Operator : JU/SJ
 Sample : J5235-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Quant Time: Oct 05 01:32:32 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	79133	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	283856	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	106757	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	160099	20.00	ng	0.00
75) Chrysene-d12	13.84	240	188091	20.00	ng	0.00
86) Perylene-d12	15.25	264	175512	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	179407	37.34	ng	0.00
7) Phenol-d6	6.35	99	137543	22.44	ng	-0.01
23) Nitrobenzene-d5	7.27	82	523889	108.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	98478	93.57	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	823308	116.31	ng	-0.01
78) Terphenyl-d14	12.80	244	590597	77.06	ng	0.00

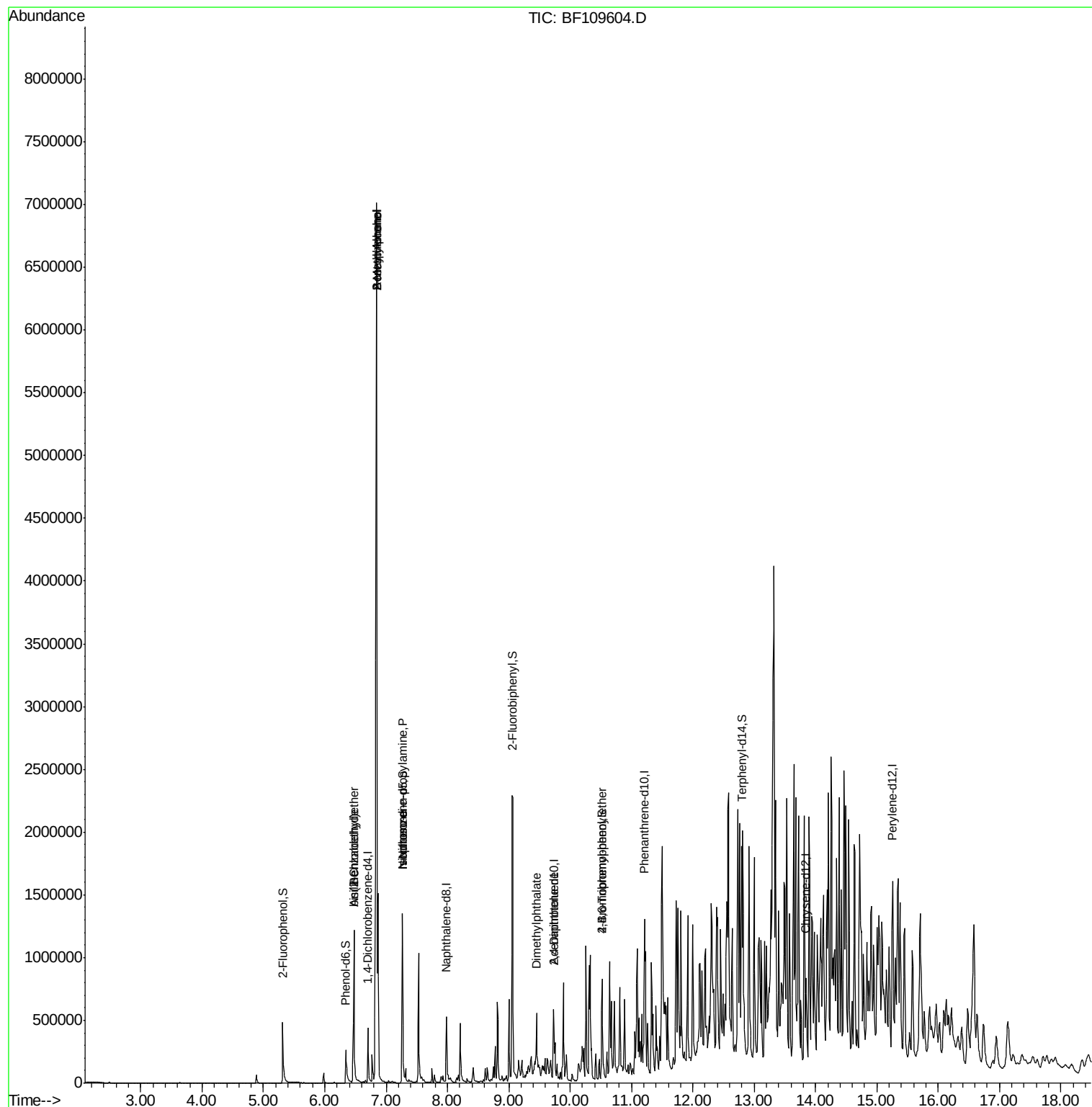
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.46	93	39524	5.039	ng	# 90
9) Benzaldehyde	6.47	77	15210	3.862	ng	# 45
11) bis(2-Chloroethyl)ether	6.46	93	39524	7.275	ng	# 23
15) Benzyl Alcohol	6.85	79	584869	124.634	ng	# 54
17) 2-Methylphenol	6.85	107	318645	73.709	ng	# 1
19) n-Nitroso-di-n-propylamine	7.27	70	70202	17.476	ng	# 76
22) Acetophenone	6.85	105	76494	11.656	ng	# 1
25) Isophorone	7.27	82	511957	59.125	ng	# 64
49) Dimethylphthalate	9.45	163	114263	14.716	ng	# 98
56) 2,4-Dinitrotoluene	9.73	165	13594	6.986	ng	# 26
66) 4-Bromophenyl-phenylether	10.52	248	5805	3.265	ng	# 1

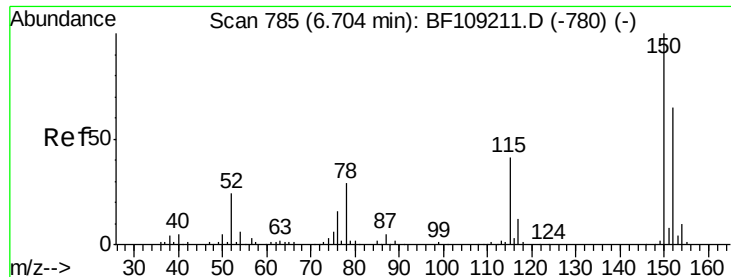
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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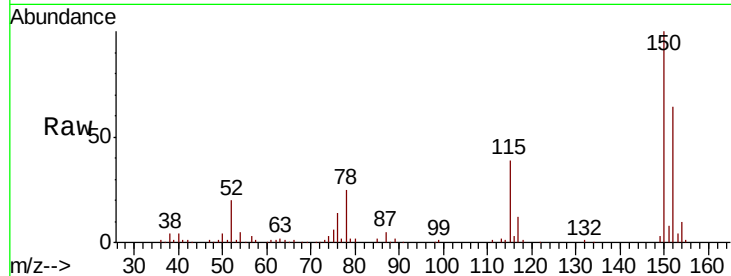


#1

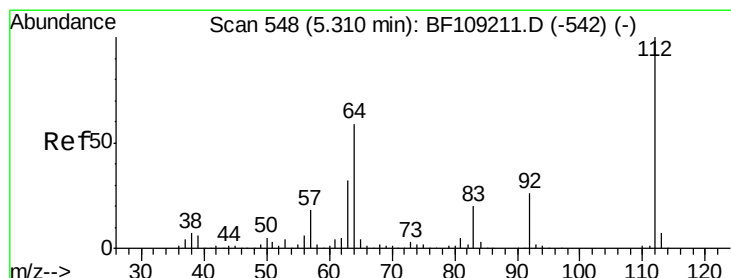
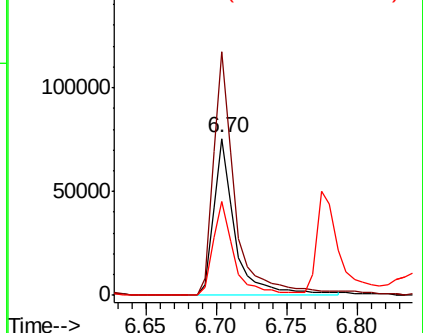
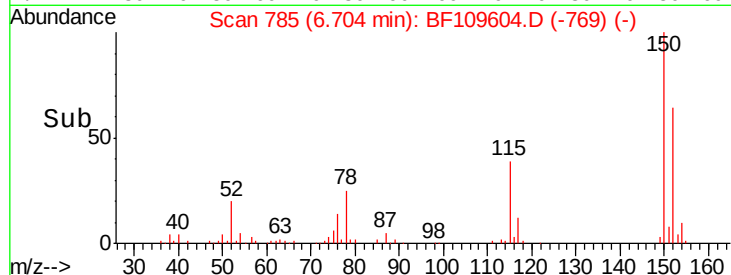
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109604.D
Acq: 4 Oct 2018 22:56

Instrument :
BNA_F
ClientSampleId :
CLEARWELL

Tgt Ion:152 Resp: 79133
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 59.8 50.1 75.1



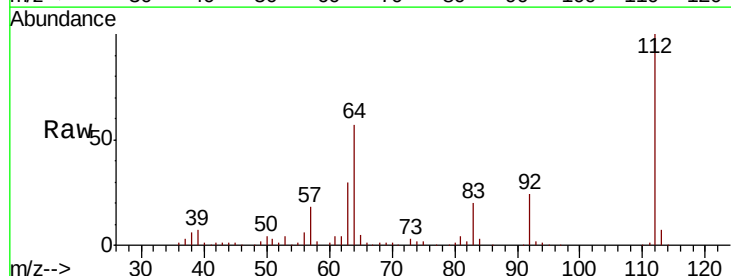
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



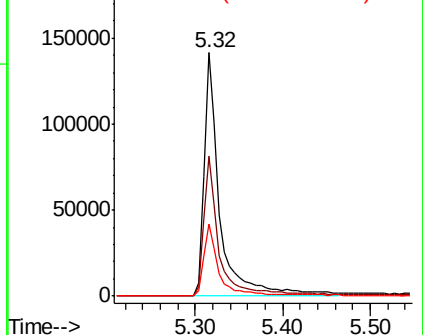
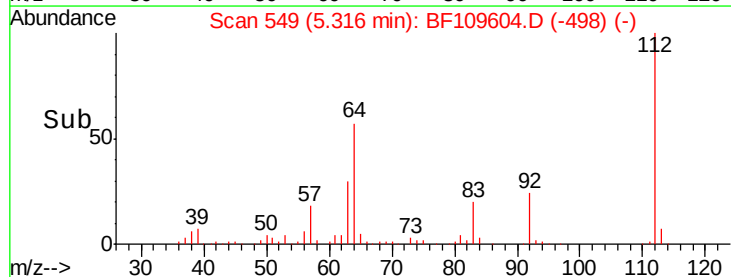
#5

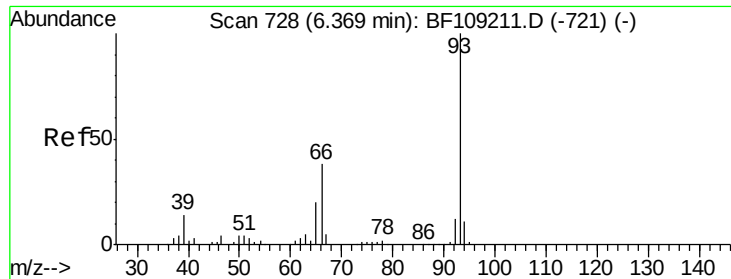
2-Fluorophenol
Concen: 37.342 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109604.D
Acq: 4 Oct 2018 22:56

Tgt Ion:112 Resp: 179407
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 29.7 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





#6

Aniline

Concen: 5.039 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.08 min

Lab File: BF109604.D

Acq: 4 Oct 2018 22:56

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

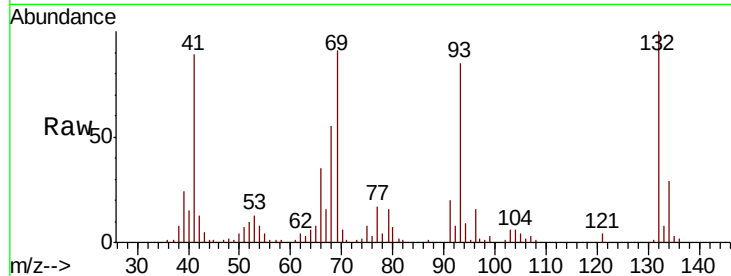
Tgt Ion: 93 Resp: 39524

Ion Ratio Lower Upper

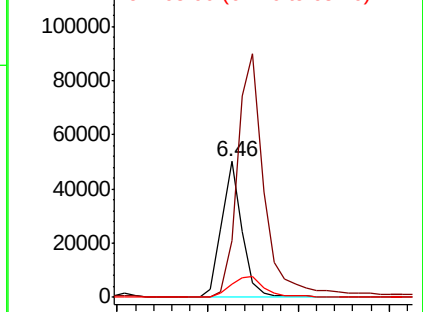
93 100

66 41.7 32.2 48.2

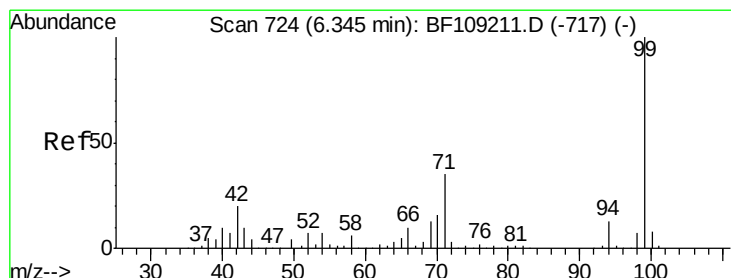
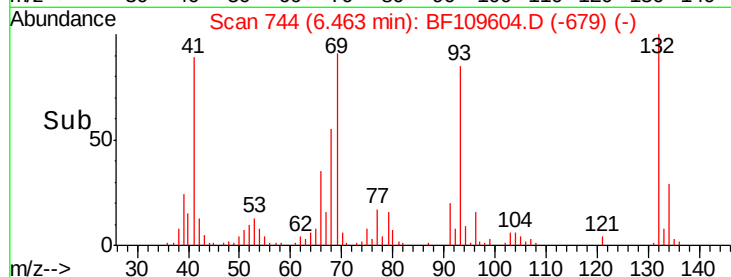
65 9.4 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



Time-->



#7

Phenol-d6

Concen: 22.435 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109604.D

Acq: 4 Oct 2018 22:56

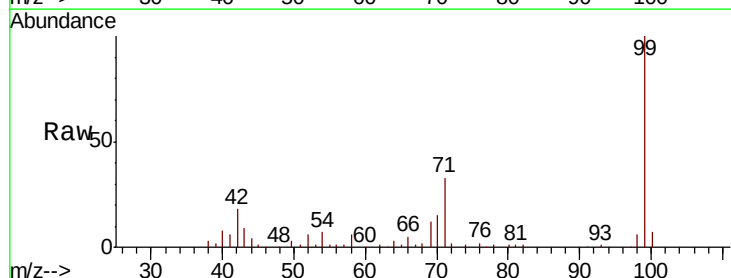
Tgt Ion: 99 Resp: 137543

Ion Ratio Lower Upper

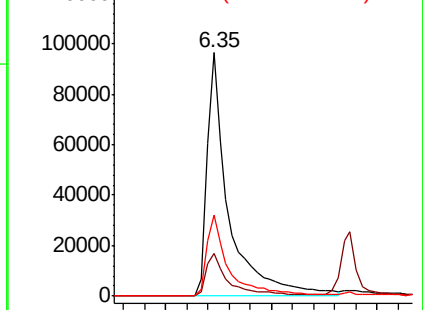
99 100

42 17.8 14.5 21.7

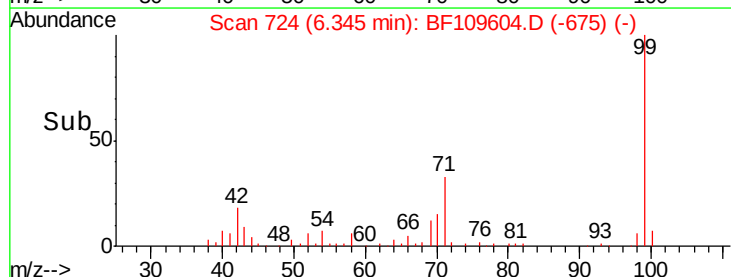
71 33.2 25.4 38.0

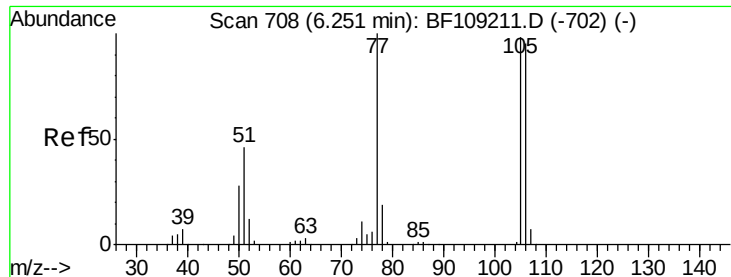


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->





#9

Benzaldehyde

Concen: 3.862 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.22 min

Lab File: BF109604.D

Acq: 4 Oct 2018 22:56

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

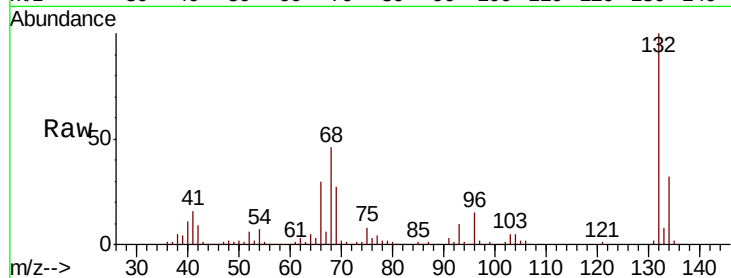
Tgt Ion: 77 Resp: 15210

Ion Ratio Lower Upper

77 100

105 46.6 81.1 121.1#

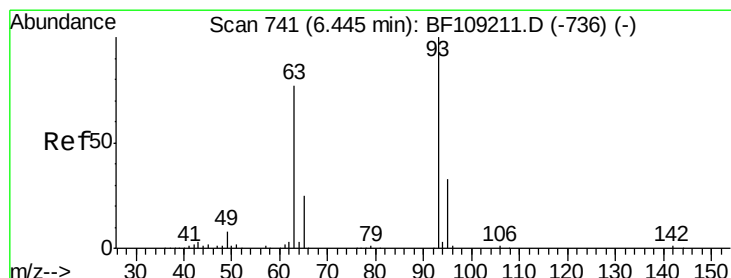
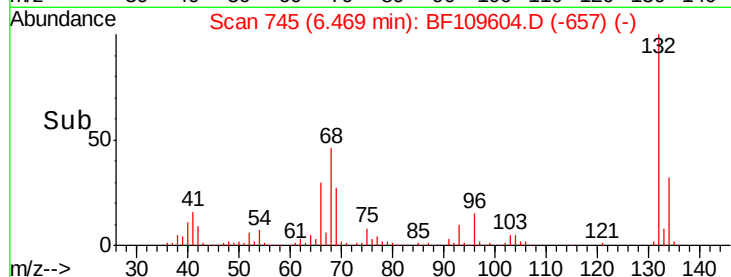
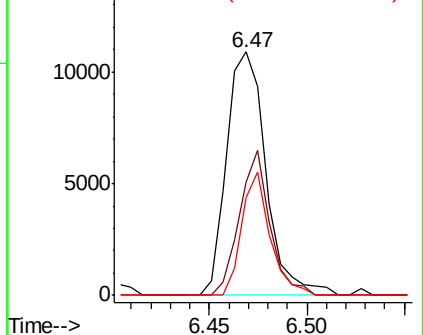
106 40.0 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#11

bis(2-Chloroethyl)ether

Concen: 7.275 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF109604.D

Acq: 4 Oct 2018 22:56

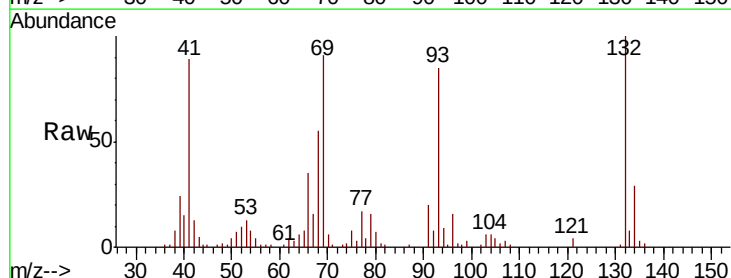
Tgt Ion: 93 Resp: 39524

Ion Ratio Lower Upper

93 100

63 3.6 58.6 98.6#

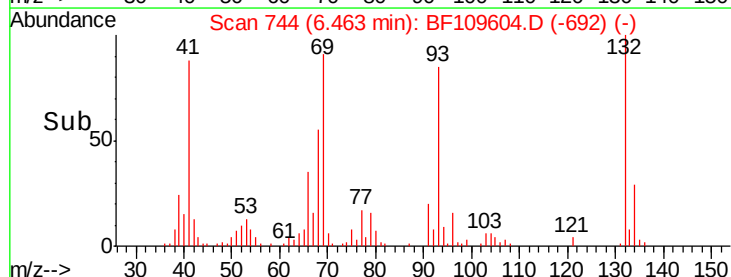
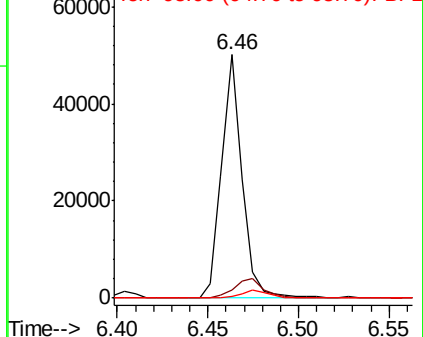
95 1.0 11.8 51.8#

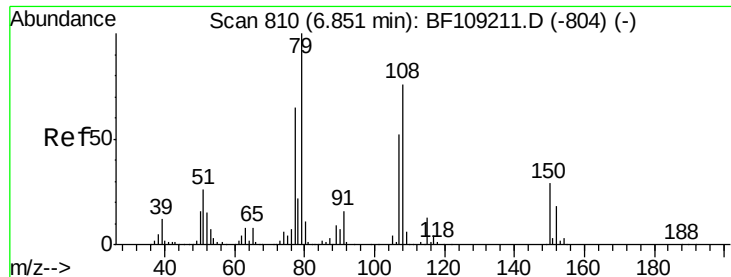


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

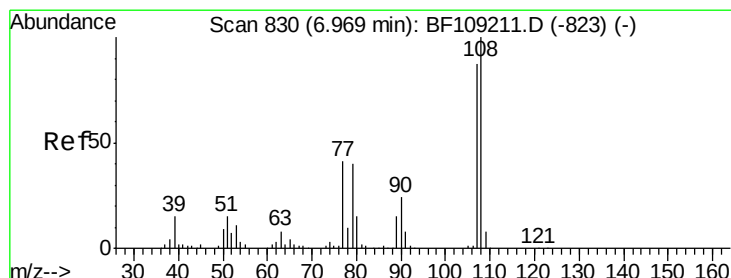
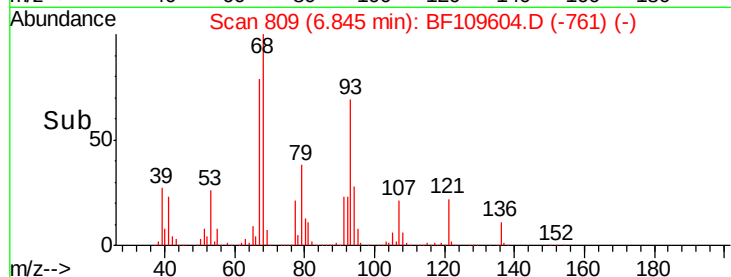
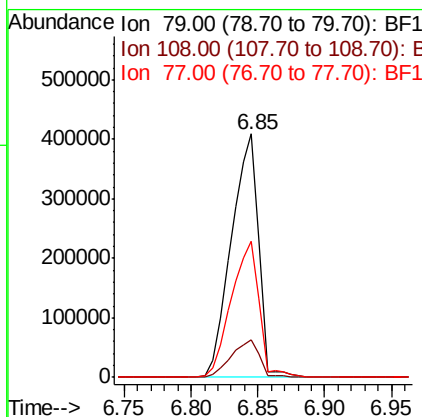
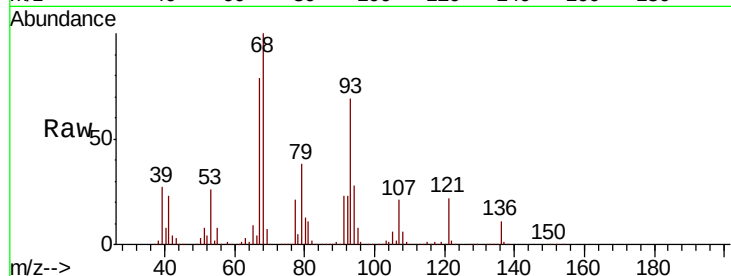




#15
Benzyl Alcohol
Concen: 124.634 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF109604.D
Acq: 4 Oct 2018 22:56

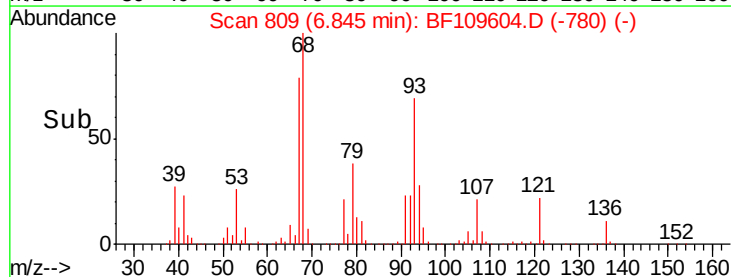
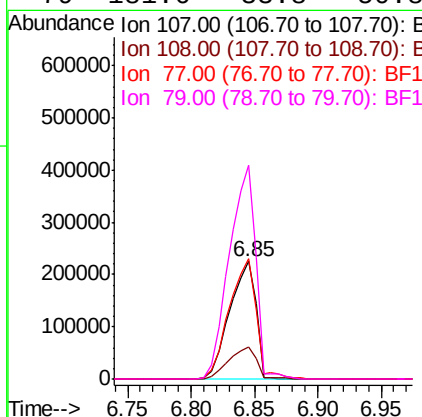
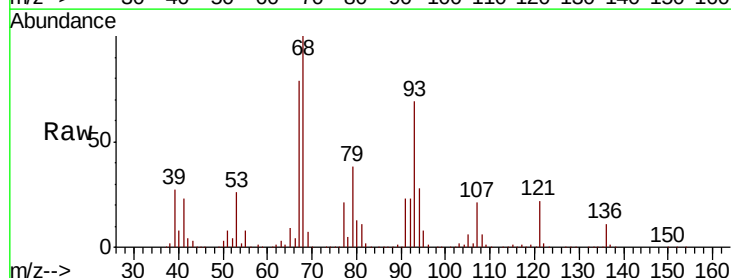
Instrument :
BNA_F
ClientSampleId :
CLEARWELL

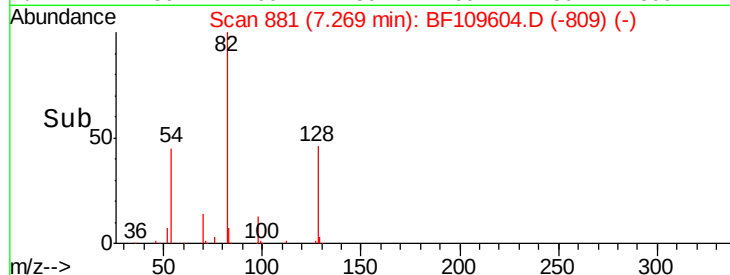
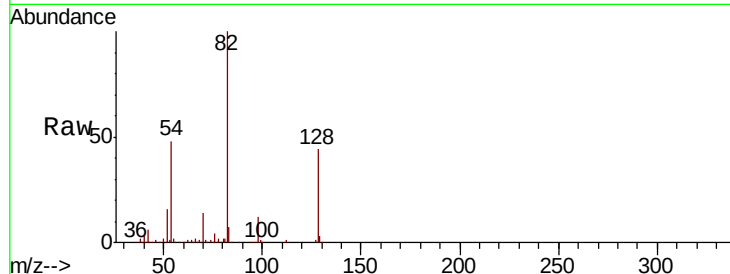
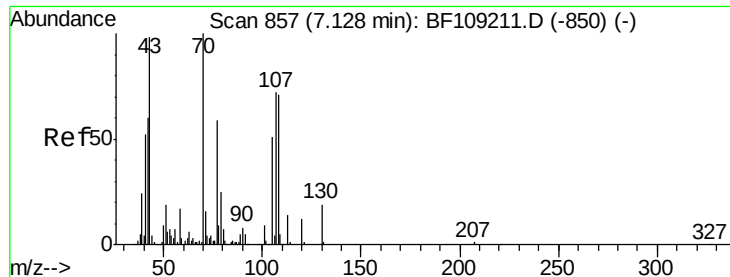
Tgt Ion: 79 Resp: 584869
Ion Ratio Lower Upper
79 100
108 15.3 65.1 97.7#
77 56.1 50.6 75.8



#17
2-Methylphenol
Concen: 73.709 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.13 min
Lab File: BF109604.D
Acq: 4 Oct 2018 22:56

Tgt Ion: 107 Resp: 318645
Ion Ratio Lower Upper
107 100
108 27.7 91.7 137.5#
77 101.9 33.8 50.8#
79 181.6 33.8 50.8#

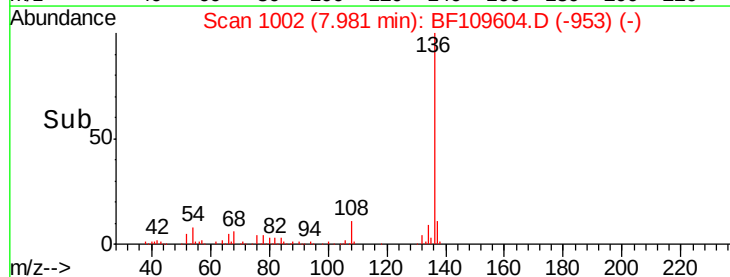
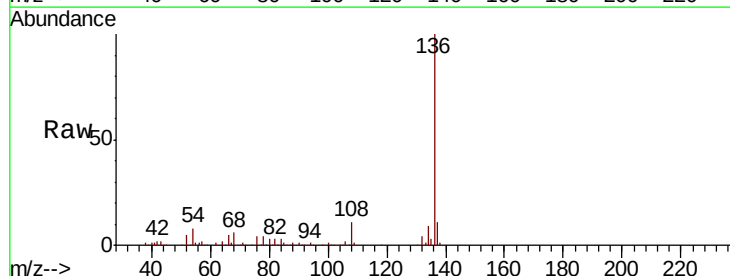
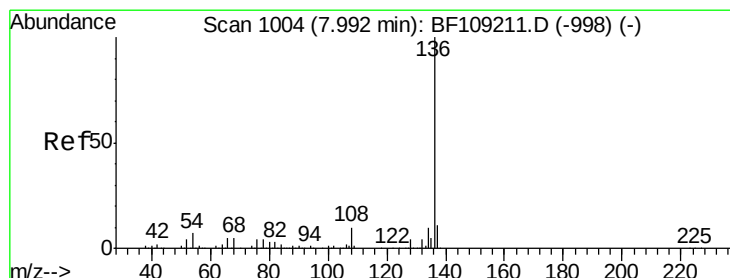
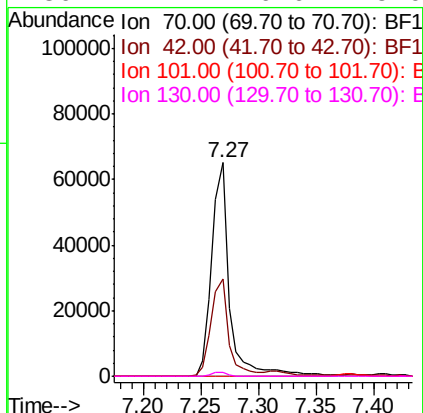




#19
n-Nitroso-di-n-propylamine
Concen: 17.476 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109604.D
Acq: 4 Oct 2018 22:56

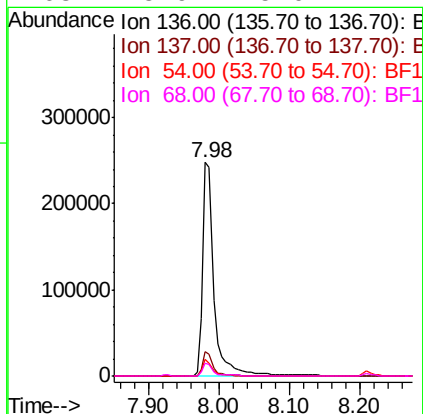
Instrument :
BNA_F
ClientSampled :
CLEARWELL

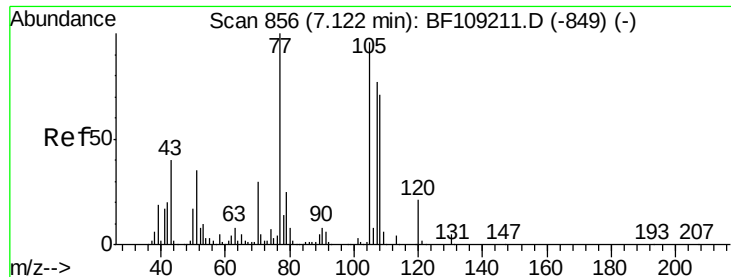
Tgt Ion:	70	Resp:	70202
Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109604.D
Acq: 4 Oct 2018 22:56

Tgt Ion:	136	Resp:	283856
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.8	6.6	9.8
68	5.9	5.0	7.4





#22

Acetophenone

Concen: 11.656 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.28 min

Lab File: BF109604.D

Acq: 4 Oct 2018 22:56

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

Tgt Ion:105 Resp: 76494

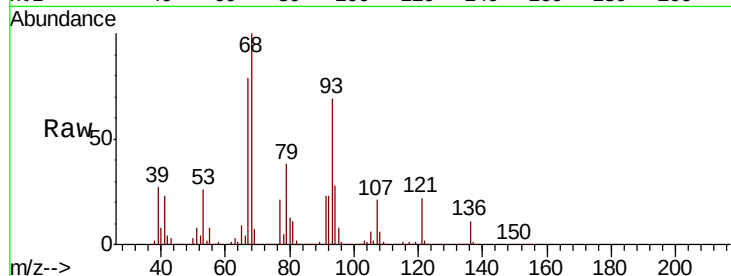
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 131.5 22.3 33.5#

120 6.3 16.9 25.3#

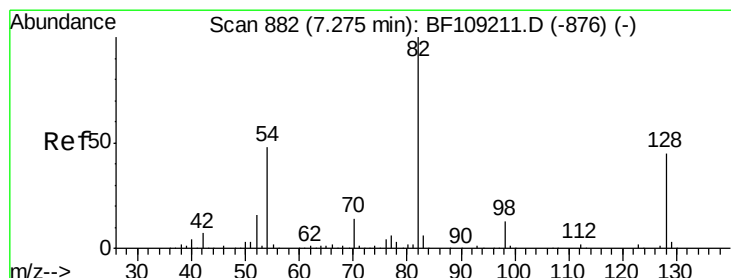
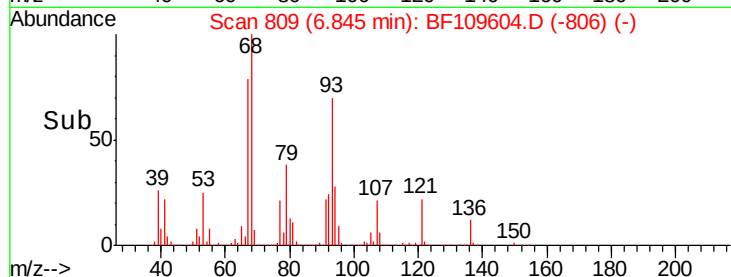
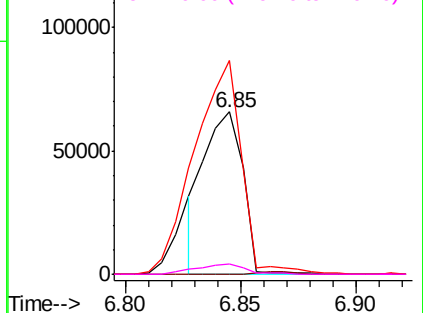


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 108.949 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109604.D

Acq: 4 Oct 2018 22:56

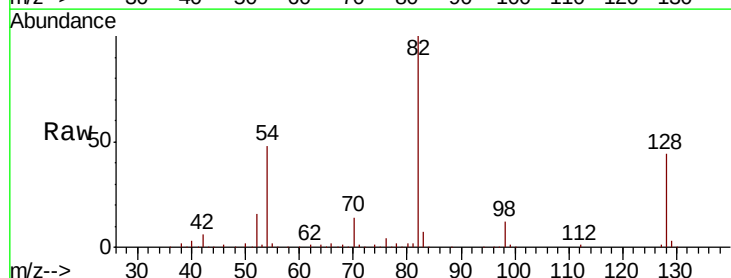
Tgt Ion: 82 Resp: 523889

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

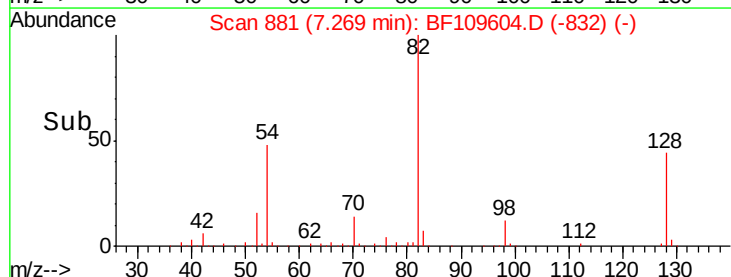
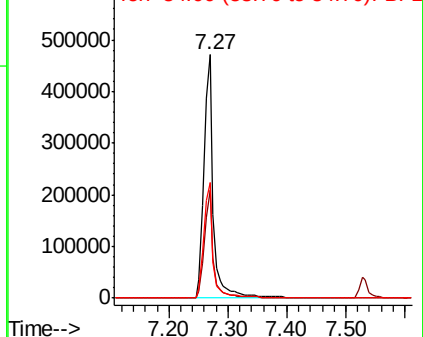
54 47.6 41.4 62.2

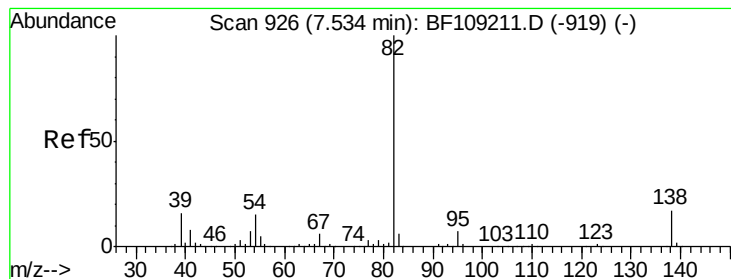


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 59.125 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109604.D

Acq: 4 Oct 2018 22:56

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

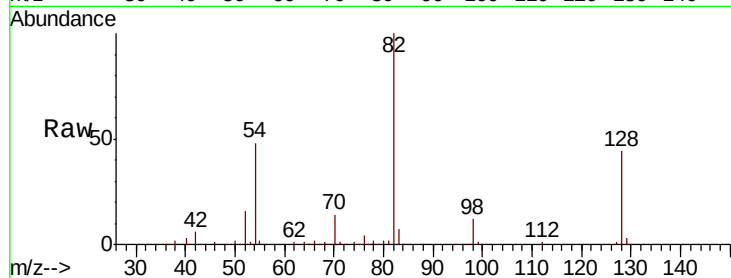
Tgt Ion: 82 Resp: 511957

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

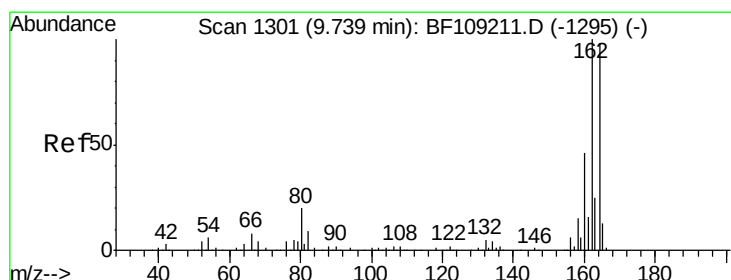
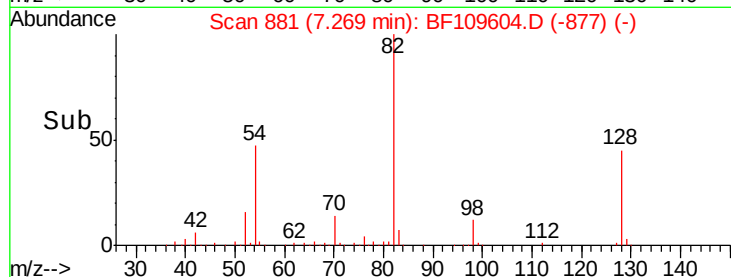
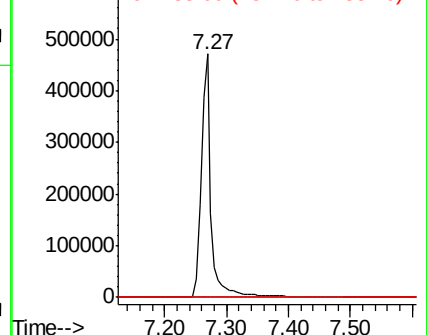
138 0.0 14.9 22.3#



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: BF109604.D

Acq: 4 Oct 2018 22:56

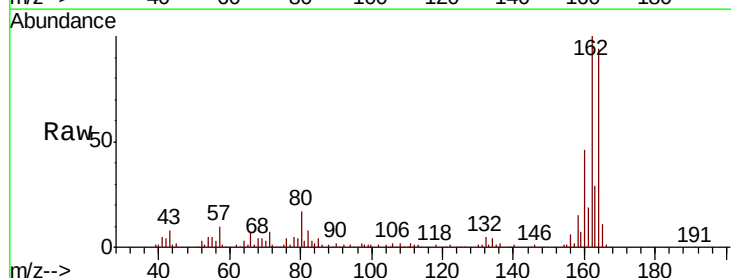
Tgt Ion: 164 Resp: 106757

Ion Ratio Lower Upper

164 100

162 106.2 86.1 129.1

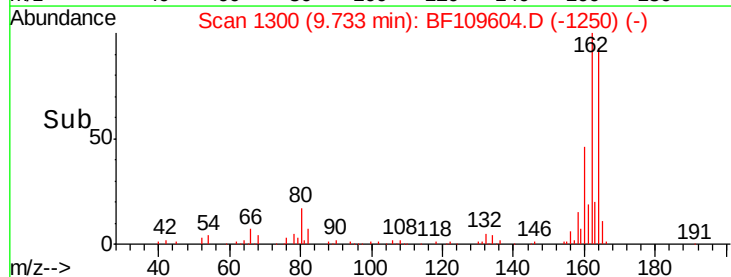
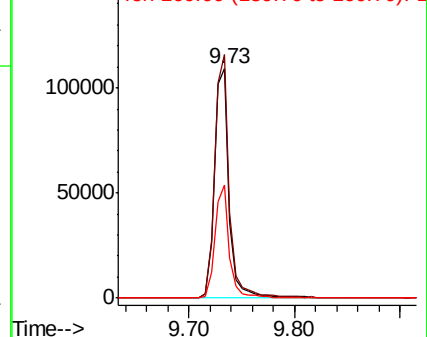
160 49.2 38.3 57.5

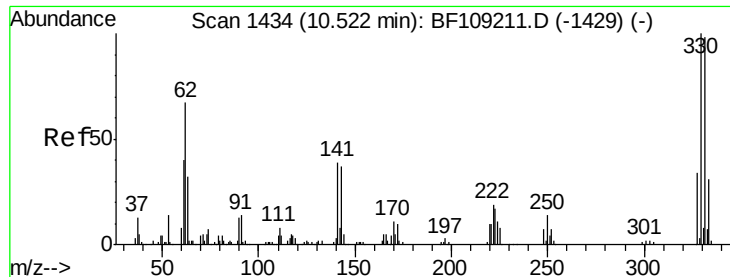


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

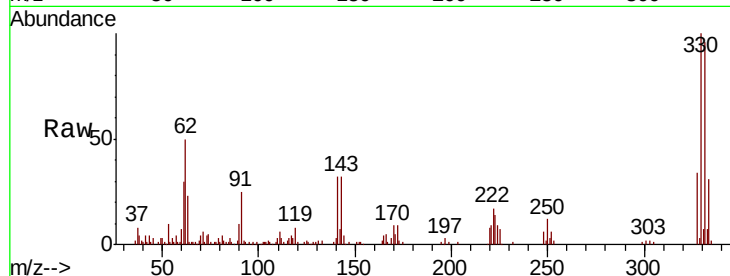




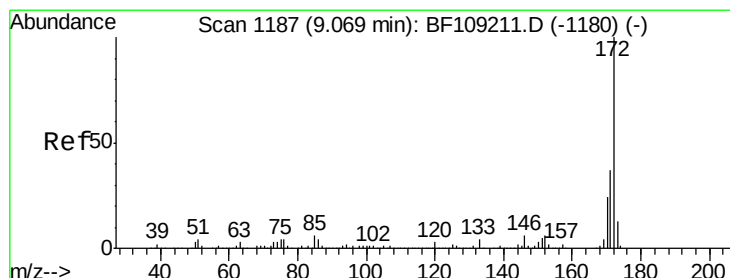
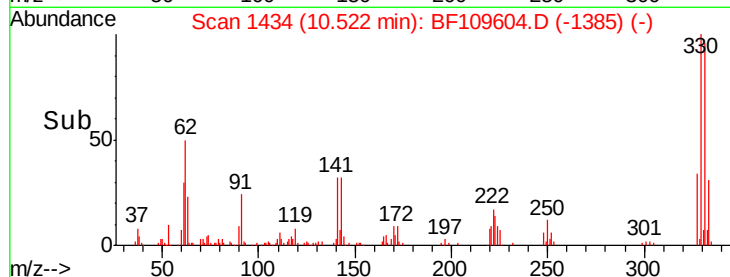
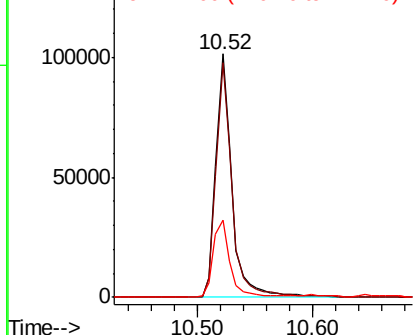
#41
 2,4,6-Tribromophenol
 Concen: 93.575 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109604.D
 Acq: 4 Oct 2018 22:56

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Tgt Ion:330 Resp: 98478
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 33.7 29.9 44.9

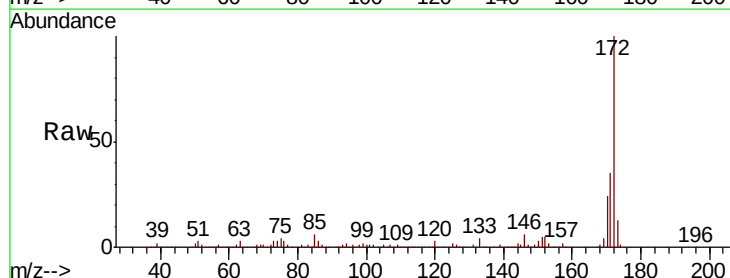


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

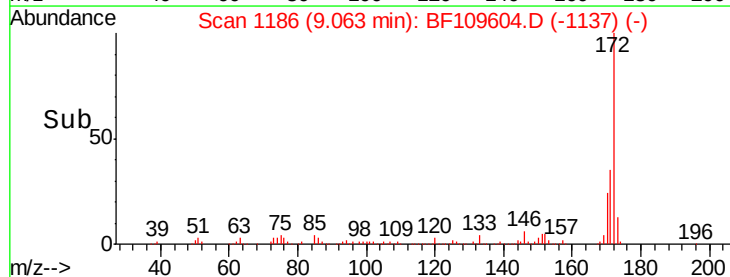
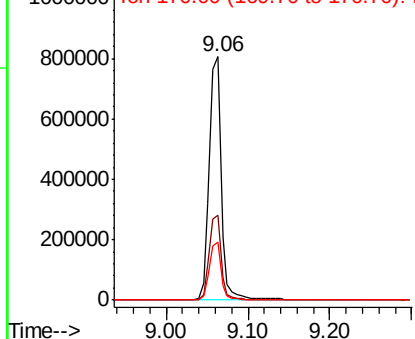


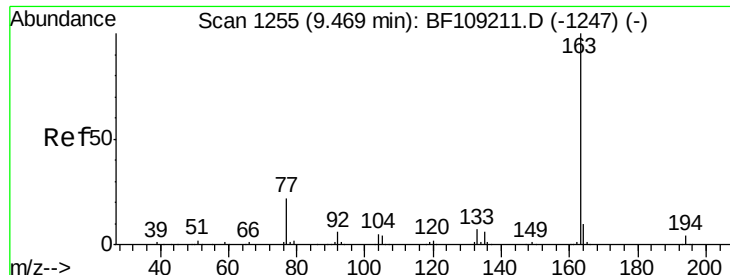
#44
 2-Fluorobiphenyl
 Concen: 116.312 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109604.D
 Acq: 4 Oct 2018 22:56

Tgt Ion:172 Resp: 823308
 Ion Ratio Lower Upper
 172 100
 171 34.8 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

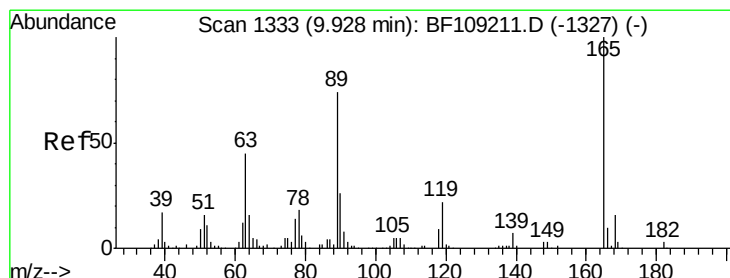
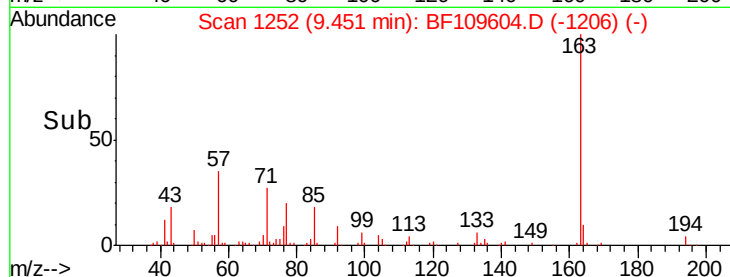
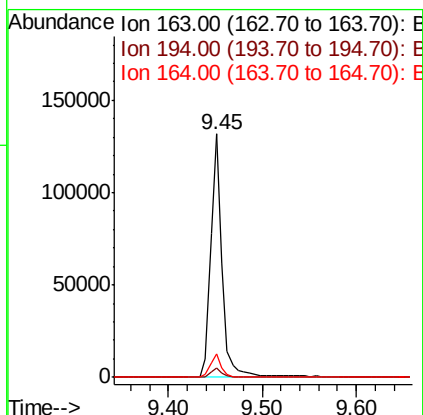
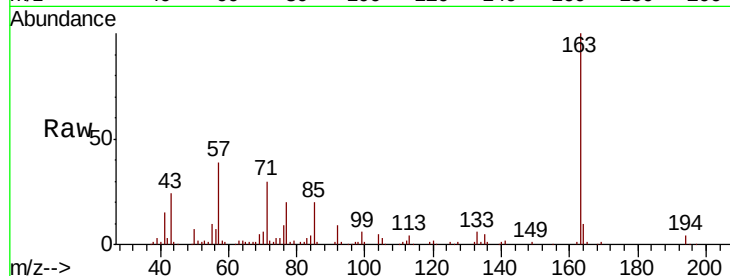




#49
Dimethylphthalate
Concen: 14.716 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109604.D
Acq: 4 Oct 2018 22:56

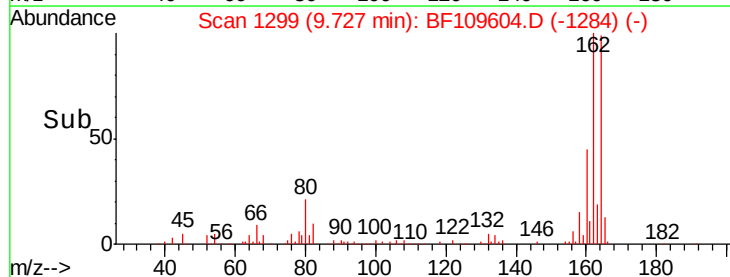
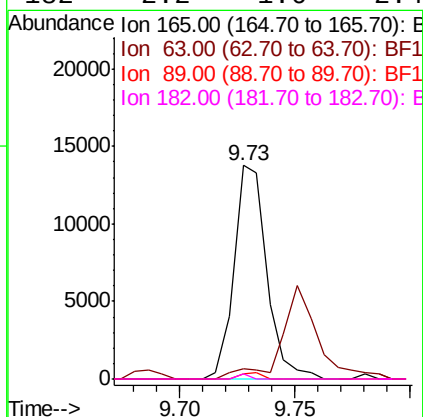
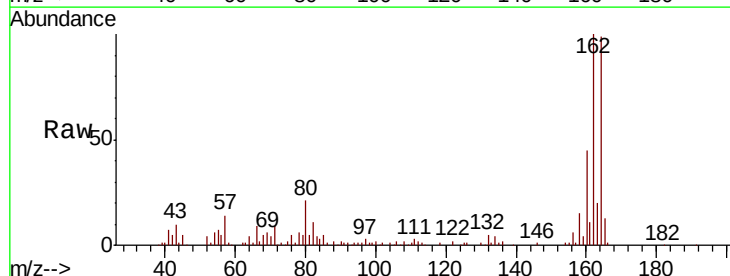
Instrument :
BNA_F
ClientSampleId :
CLEARWELL

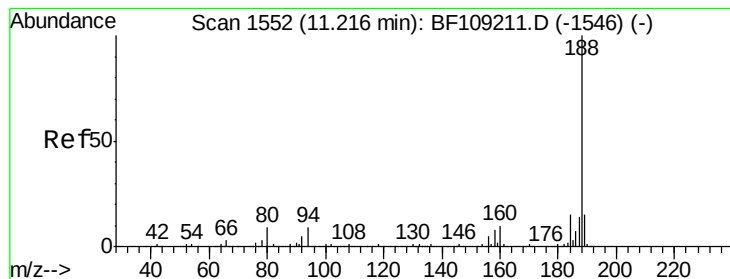
Tgt Ion:163 Resp: 114263
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.6 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.986 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF109604.D
Acq: 4 Oct 2018 22:56

Tgt Ion:165 Resp: 13594
Ion Ratio Lower Upper
165 100
63 4.7 36.4 54.6#
89 2.2 57.8 86.6#
182 2.2 1.6 2.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109604.D

Acq: 4 Oct 2018 22:56

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

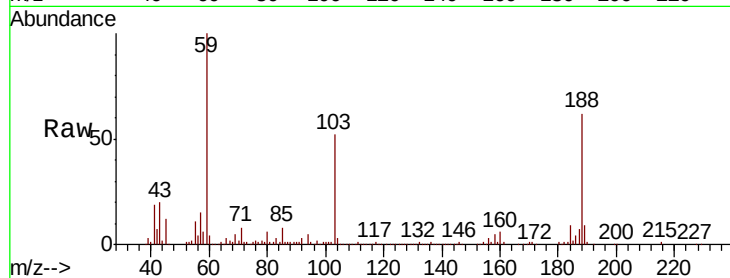
Tgt Ion:188 Resp: 160099

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

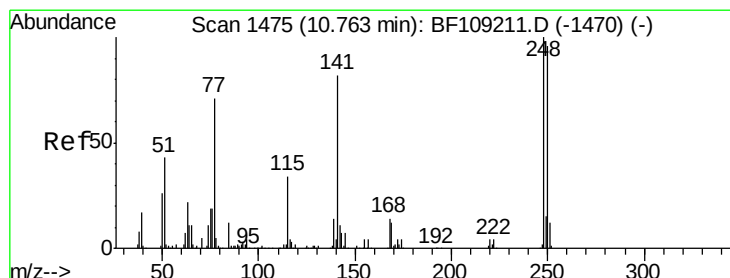
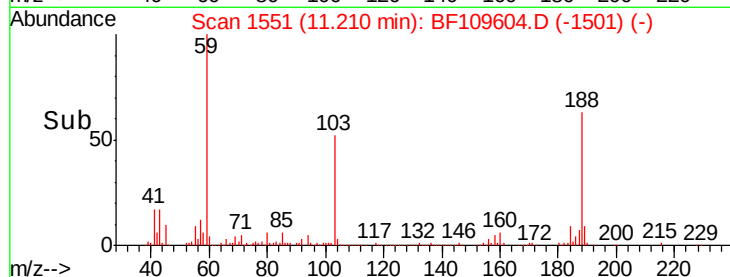
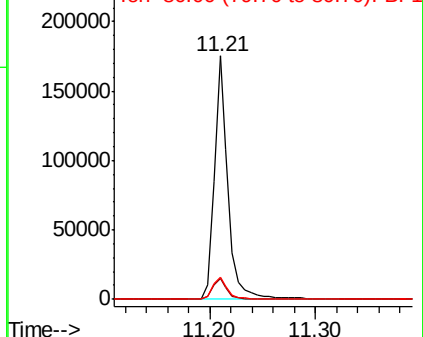
80 9.1 9.2 13.8#



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



#66

4-Bromophenyl-phenylether

Concen: 3.265 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF109604.D

Acq: 4 Oct 2018 22:56

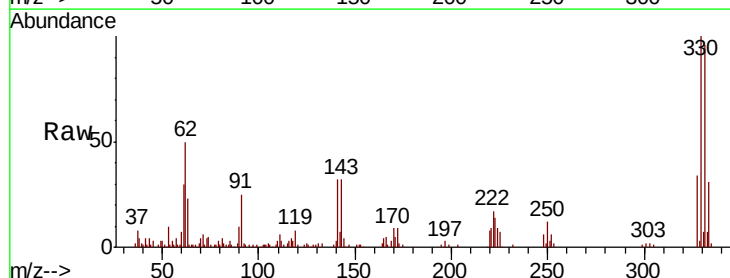
Tgt Ion:248 Resp: 5805

Ion Ratio Lower Upper

248 100

250 195.8 76.9 115.3#

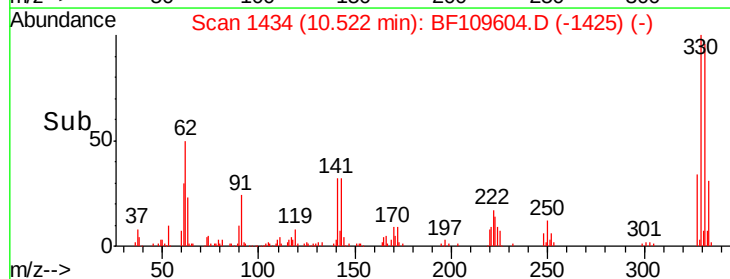
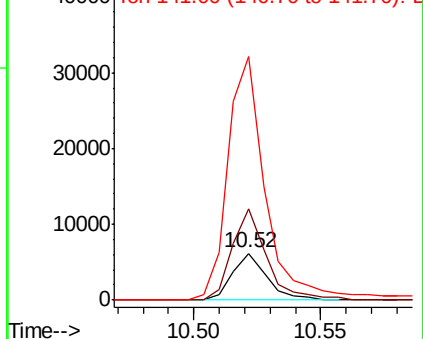
141 522.2 74.4 111.6#

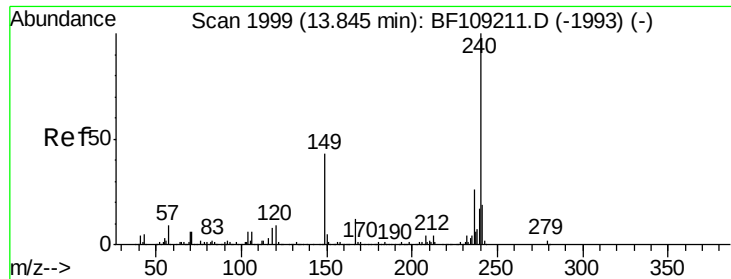


Abundance Ion 248.00 (247.70 to 248.70): E

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# 1999

Delta R.T. -0.00 min

Lab File: BF109604.D

Acq: 4 Oct 2018 22:56

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

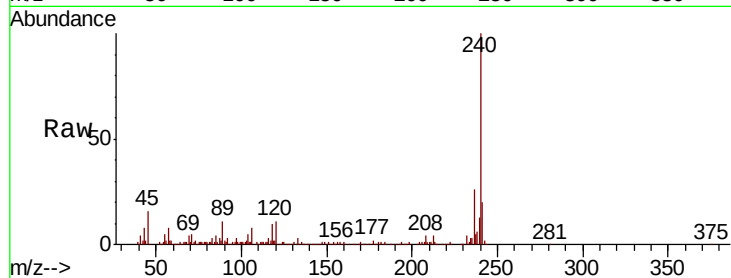
Tgt Ion:240 Resp: 188091

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

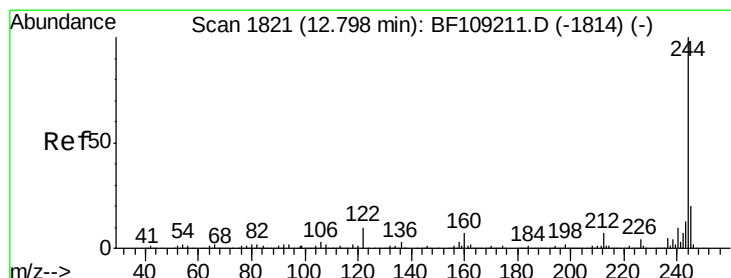
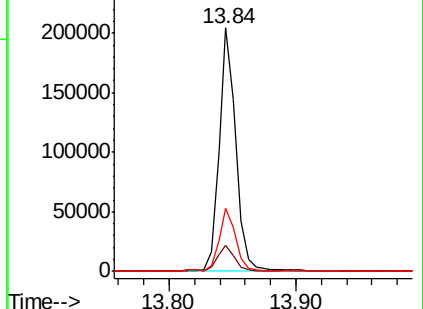
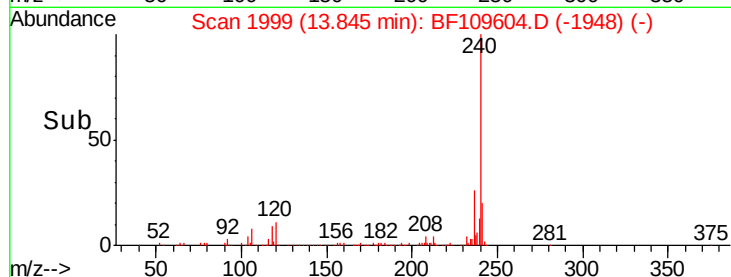
236 25.9 20.7 31.1



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: 77.060 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109604.D

Acq: 4 Oct 2018 22:56

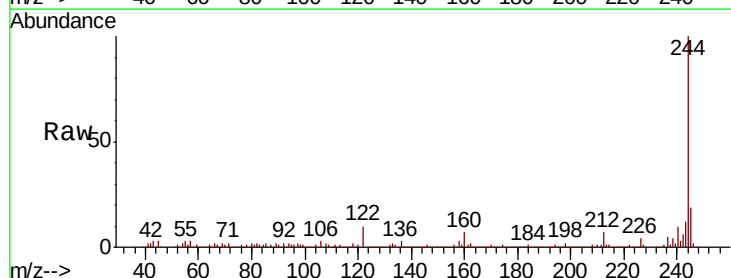
Tgt Ion:244 Resp: 590597

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

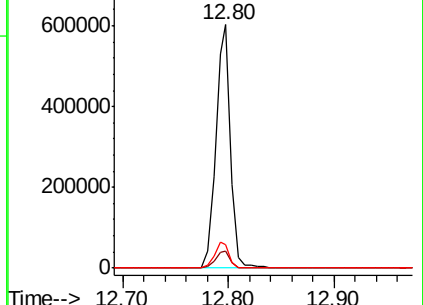
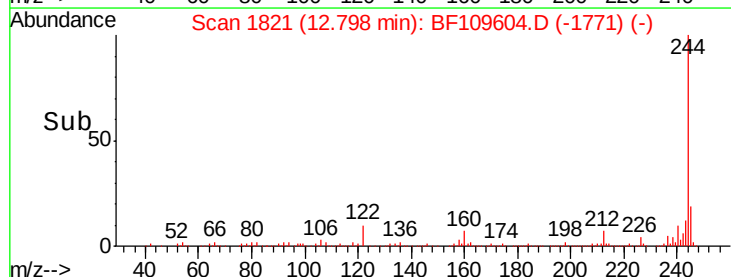
122 9.7 11.0 16.4#

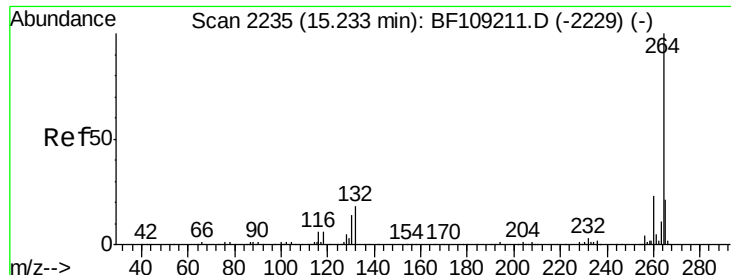


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

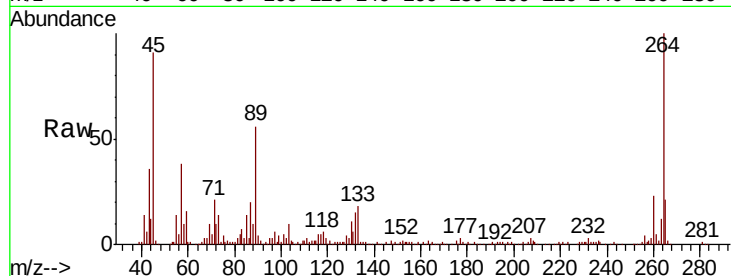




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109604.D
Acq: 4 Oct 2018 22:56

Instrument :
BNA_F
ClientSampleId :
CLEARWELL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	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

