

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
 Data File : BF109984.D
 Acq On : 19 Oct 2018 2:51
 Operator : JU/SJ
 Sample : J5202-05 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-03-101718-C

Quant Time: Oct 19 10:29:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

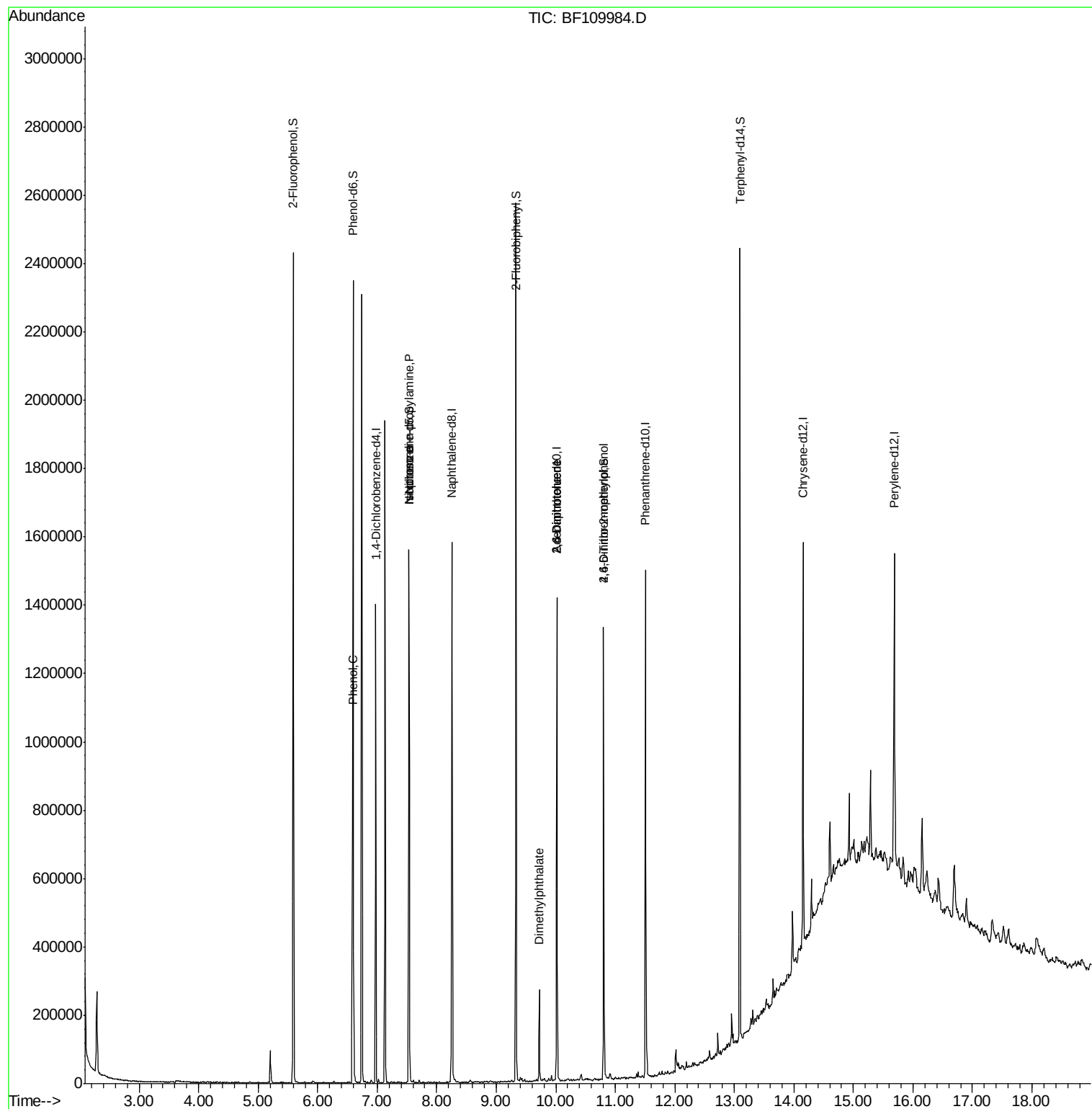
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	185111	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	681485	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	277547	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	495038	20.00	ng	0.00
76) Chrysene-d12	14.16	240	409880	20.00	ng	0.00
87) Perylene-d12	15.69	264	309144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	605341	51.84	ng	0.00
7) Phenol-d6	6.59	99	744650	51.35	ng	-0.01
23) Nitrobenzene-d5	7.53	82	438320	43.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	143143	59.57	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	751652	43.21	ng	0.00
79) Terphenyl-d14	13.09	244	713218	36.54	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	77857	4.973	ng	# 60
19) n-Nitroso-di-n-propylamine	7.53	70	57629	6.190	ng	# 81
25) Isophorone	7.53	82	438315	22.050	ng	# 67
50) Dimethylphthalate	9.72	163	90197	4.590	ng	# 98
51) 2,6-Dinitrotoluene	10.02	165	35004	9.378	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	35005	11.298	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	258	8.025	ng	# 1

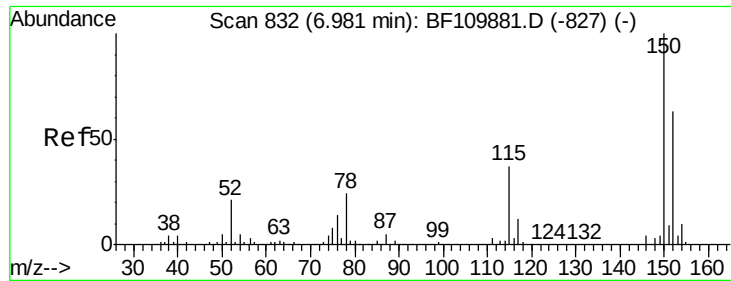
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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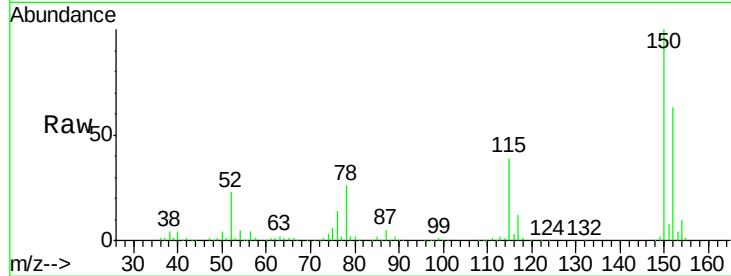


#1

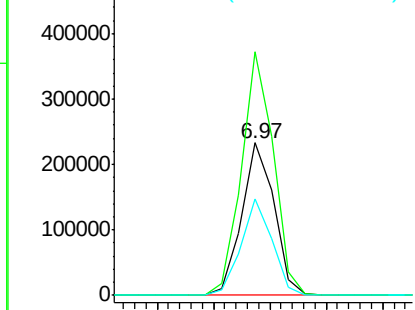
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

Instrument :
BNA_F
ClientSampleId :
PL-03-101718-C

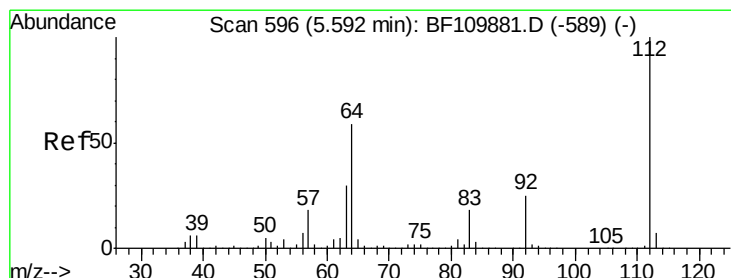
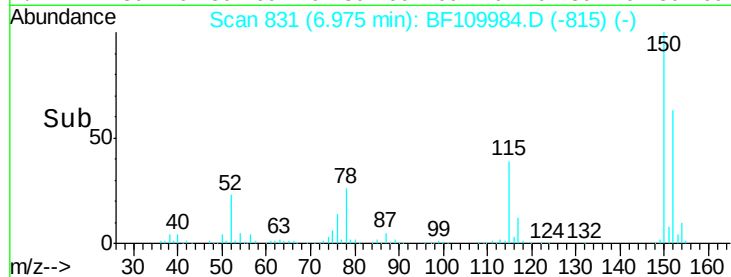
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.0	122.7	184.1
115	63.1	49.1	73.7



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



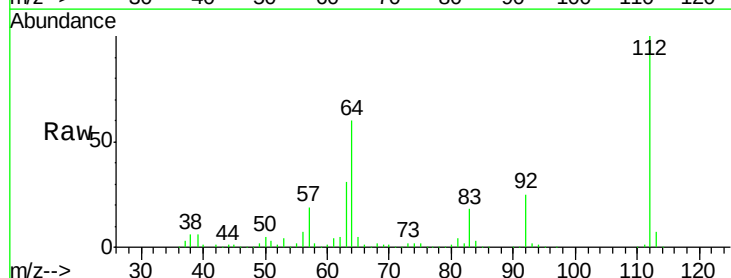
Time-->



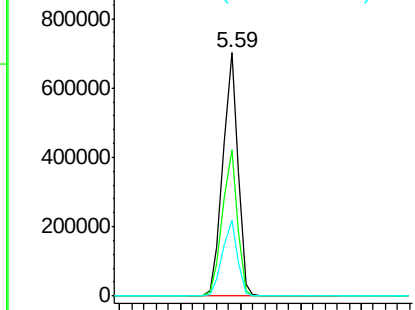
#5

2-Fluorophenol
Concen: 51.836 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

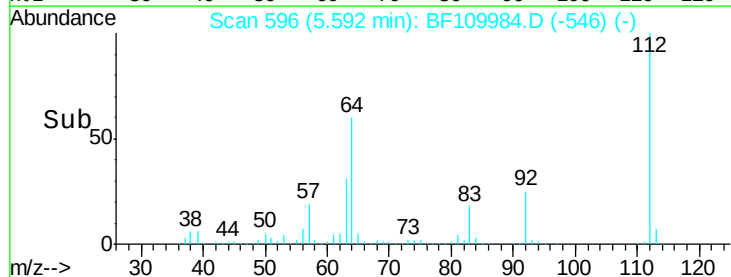
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	44.1	66.1
63	31.3	23.7	35.5

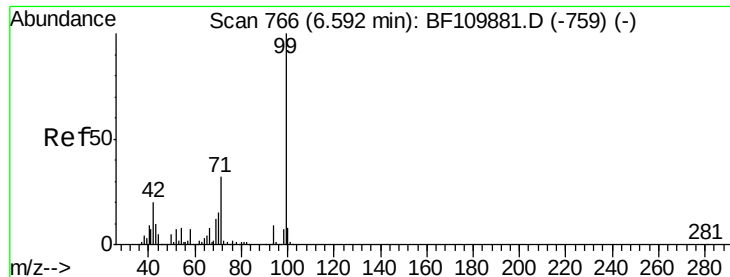


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 51.352 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109984.D

Acq: 19 Oct 2018 2:51

Instrument :

BNA_F

ClientSampleId :

PL-03-101718-C

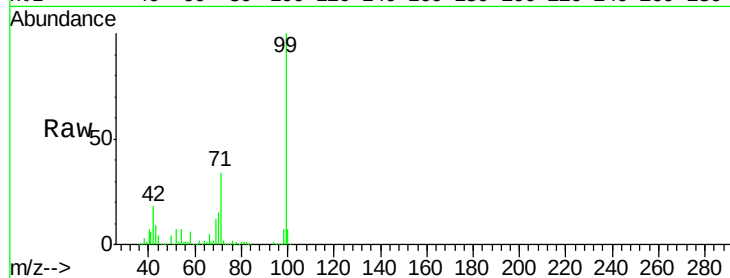
Tgt Ion: 99 Resp: 744650

Ion Ratio Lower Upper

99 100

42 18.4 15.8 23.6

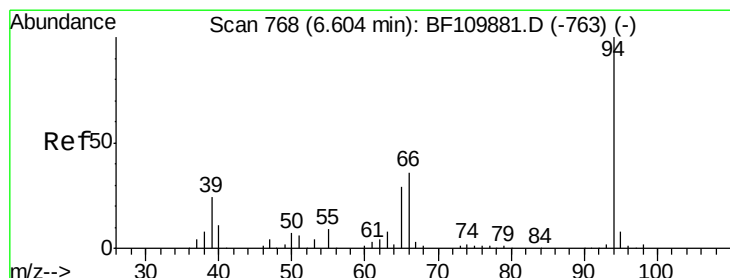
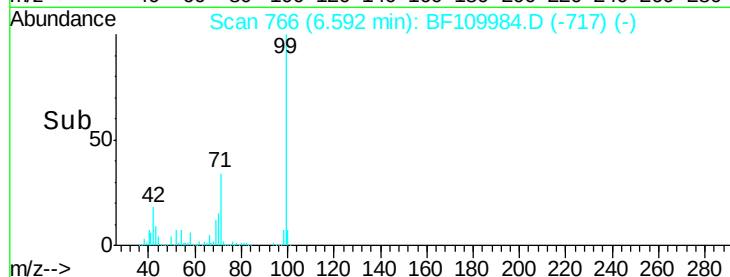
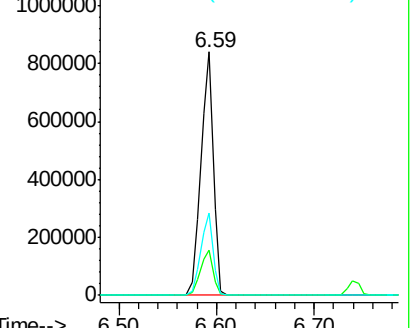
71 33.6 28.0 42.0



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



#10

Phenol

Concen: 4.973 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109984.D

Acq: 19 Oct 2018 2:51

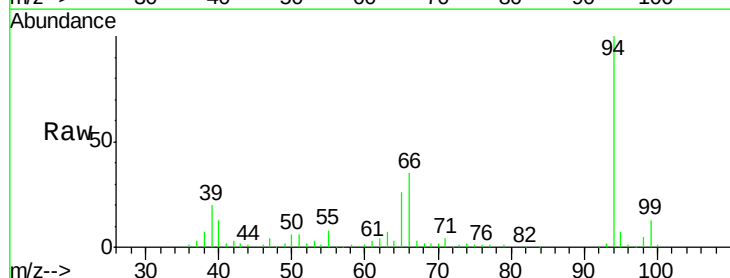
Tgt Ion: 94 Resp: 77857

Ion Ratio Lower Upper

94 100

65 26.4 25.3 65.3

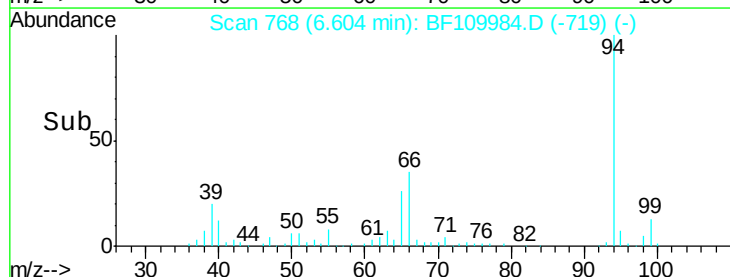
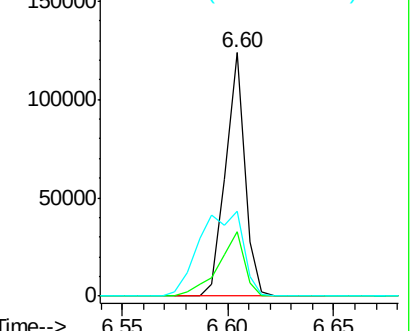
66 34.9 54.5 94.5#

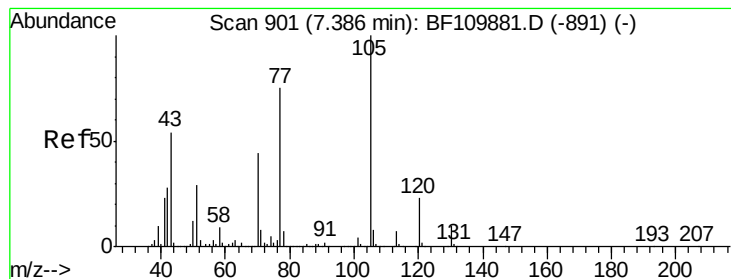


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 6.190 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF109984.D

Acq: 19 Oct 2018 2:51

Instrument :

BNA_F

ClientSampleId :

PL-03-101718-C

Tgt Ion: 70 Resp: 57629

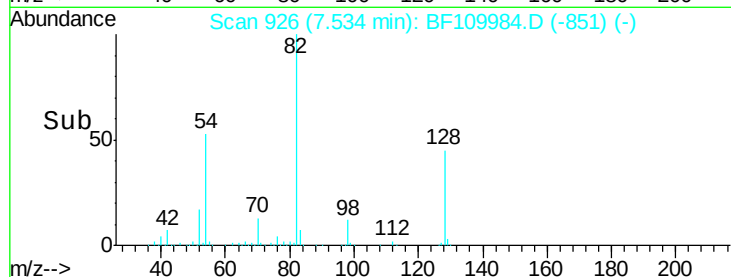
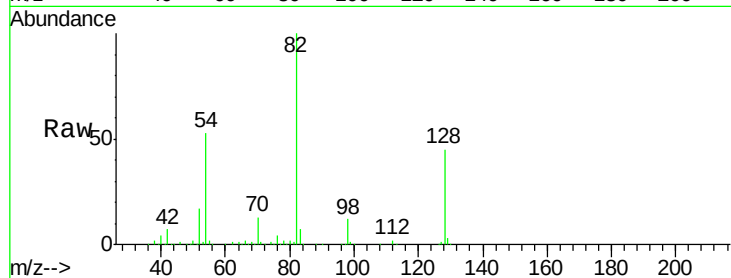
Ion Ratio Lower Upper

70 100

42 51.2 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

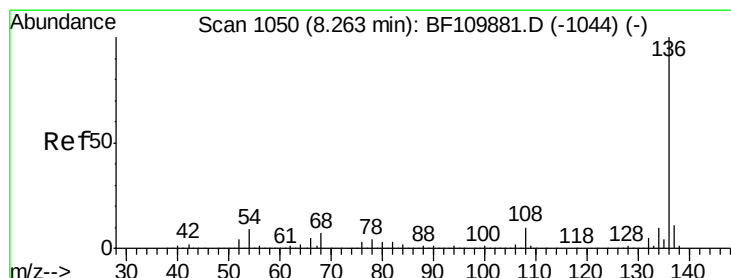
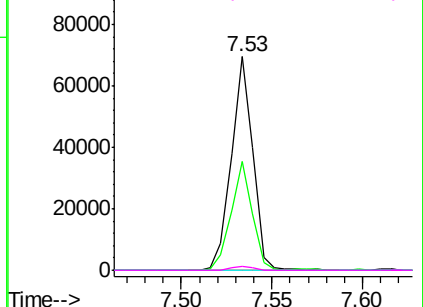


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109984.D

Acq: 19 Oct 2018 2:51

Tgt Ion: 136 Resp: 681485

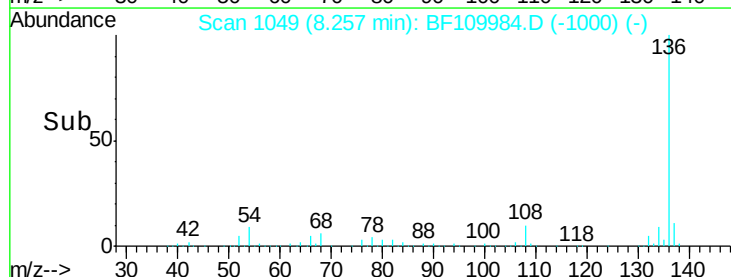
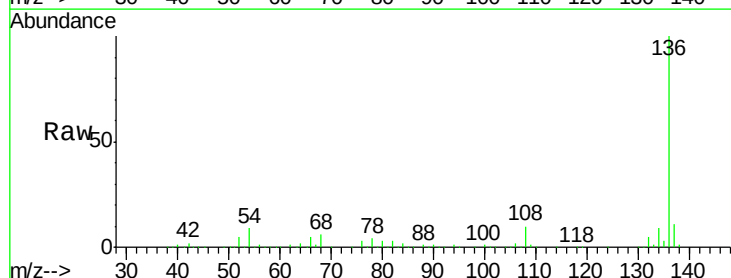
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.8 5.4 8.2#

68 6.5 4.2 6.2#

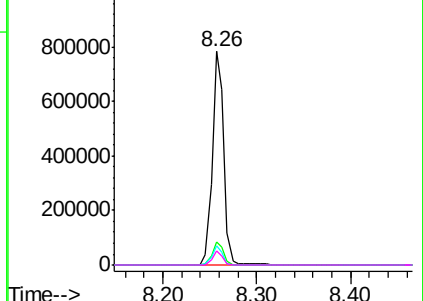


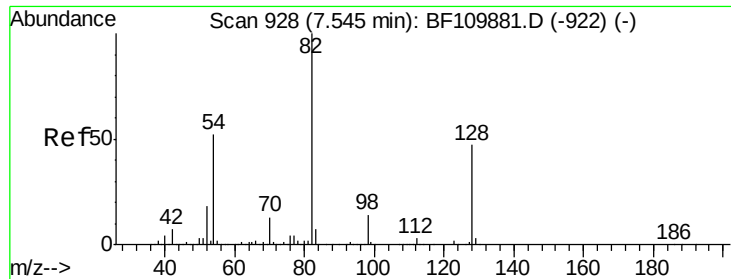
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

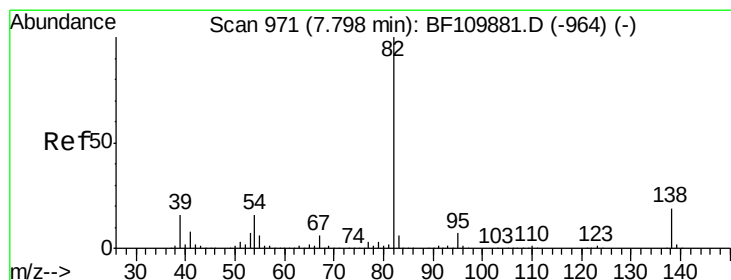
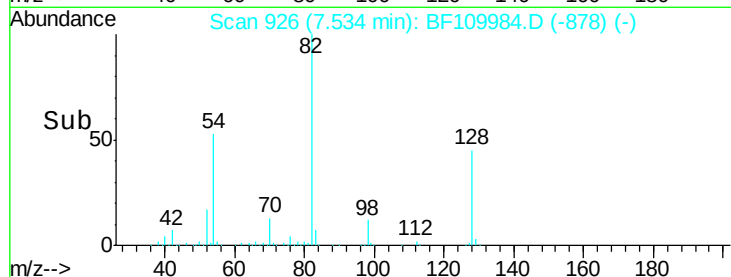
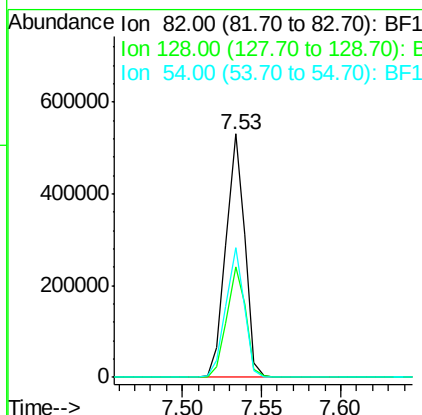
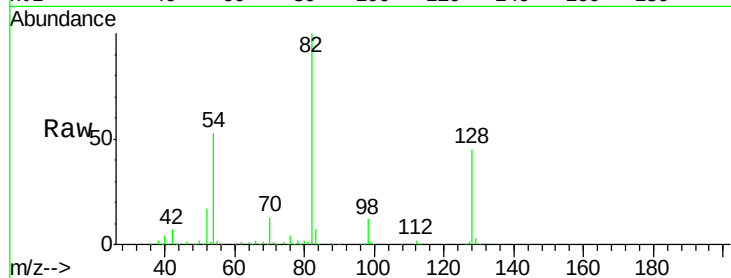




#23
 Nitrobenzene-d5
 Concen: 43.327 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF109984.D
 Acq: 19 Oct 2018 2:51

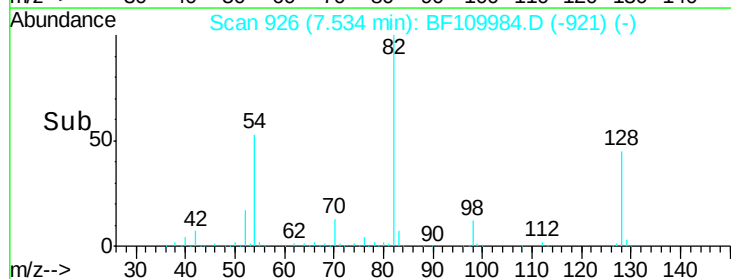
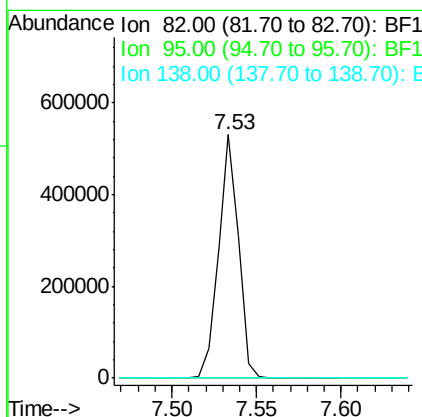
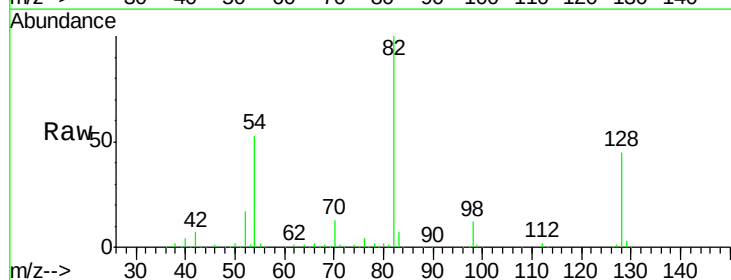
Instrument :
 BNA_F
 ClientSampleId :
 PL-03-101718-C

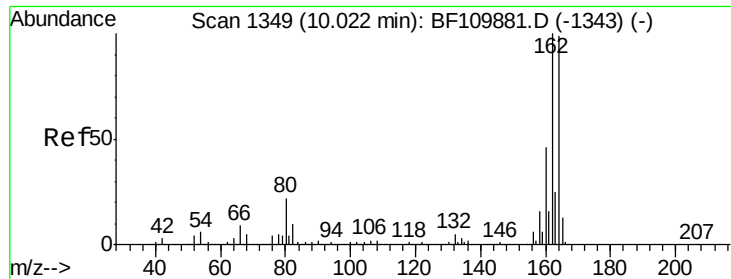
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.2	51.2
54	53.3	38.6	58.0



#25
 Isophorone
 Concen: 22.050 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.27 min
 Lab File: BF109984.D
 Acq: 19 Oct 2018 2:51

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF109984.D

Acq: 19 Oct 2018 2:51

Instrument :

BNA_F

ClientSampleId :

PL-03-101718-C

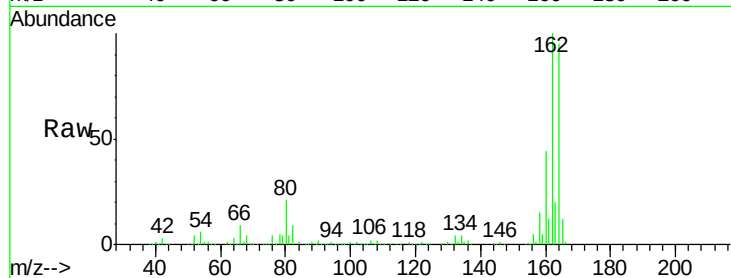
Tgt Ion:164 Resp: 277547

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.6

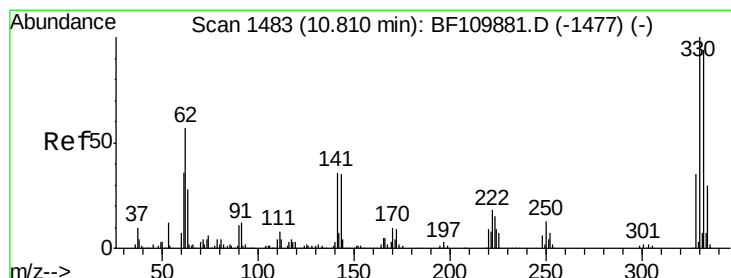
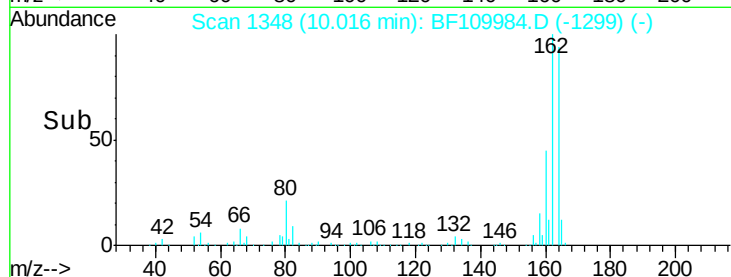
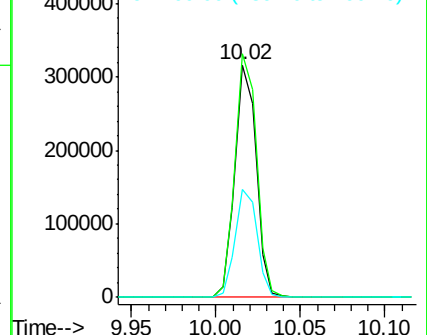
160 46.6 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 59.570 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF109984.D

Acq: 19 Oct 2018 2:51

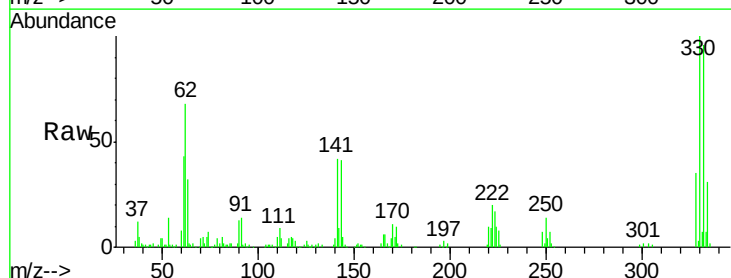
Tgt Ion:330 Resp: 143143

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

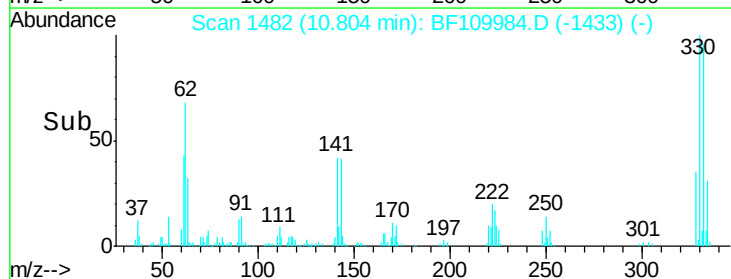
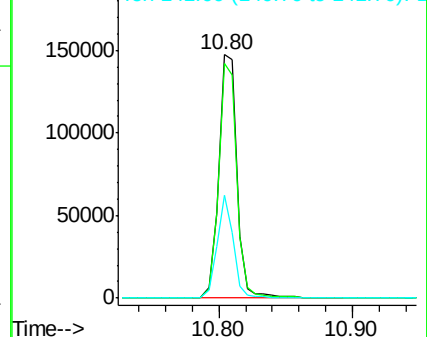
141 37.5 27.0 40.4

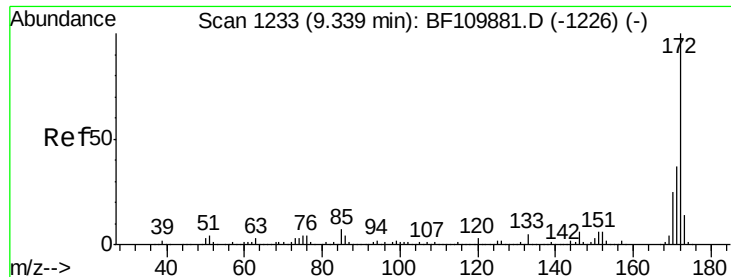


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

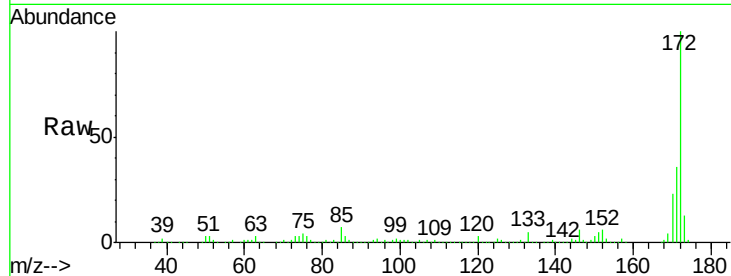




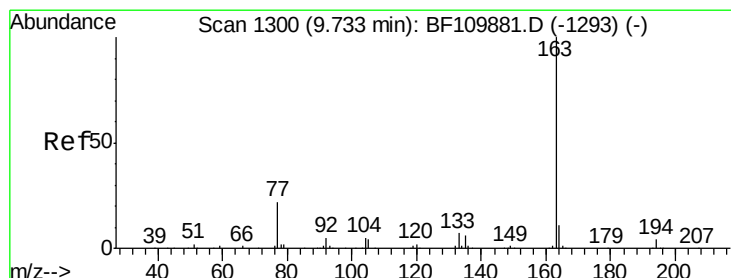
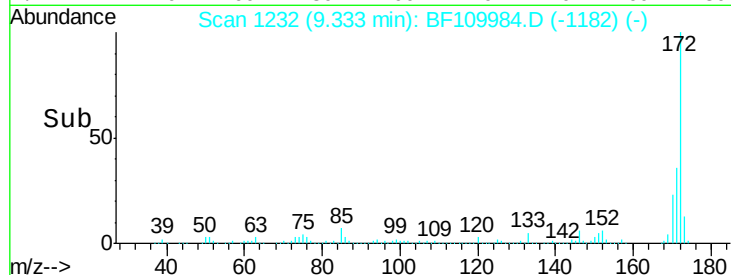
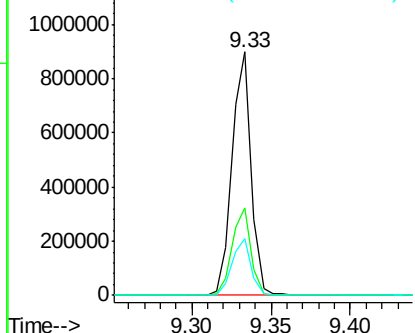
#45
 2-Fluorobiphenyl
 Concen: 43.213 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109984.D
 Acq: 19 Oct 2018 2:51

Instrument :
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 PL-03-101718-C

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.5	19.7	29.5

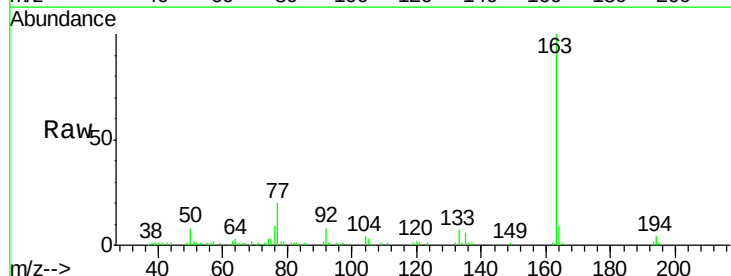


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

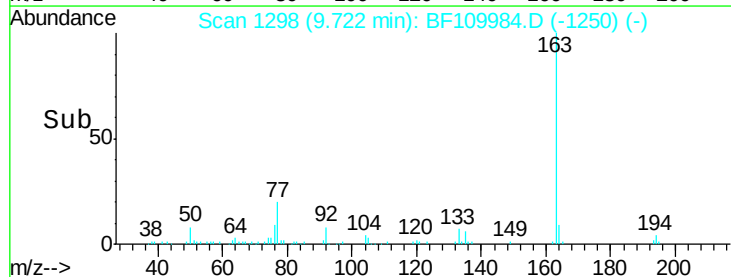
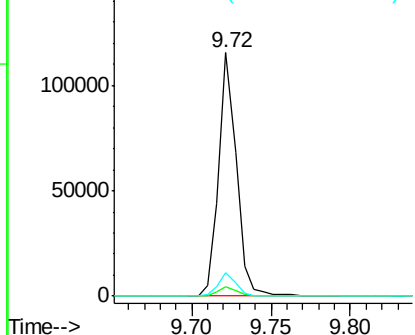


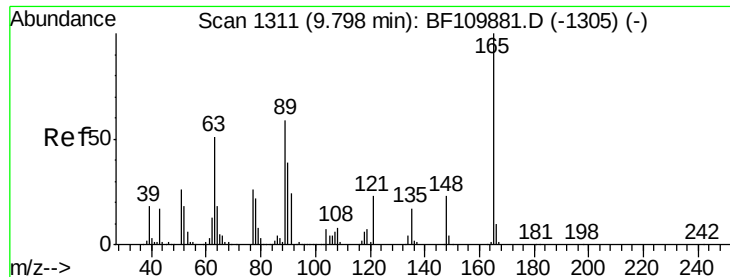
#50
 Dimethylphthalate
 Concen: 4.590 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF109984.D
 Acq: 19 Oct 2018 2:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.5	8.1	12.1



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

2,6-Dinitrotoluene

Concen: 9.378 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.21 min

Lab File: BF109984.D

Acq: 19 Oct 2018 2:51

Instrument :

BNA_F

ClientSampleId :

PL-03-101718-C

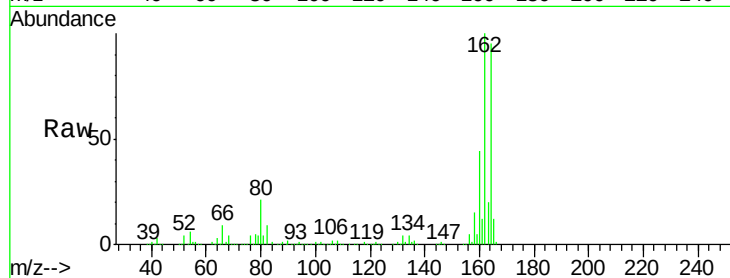
Tgt Ion:165 Resp: 35004

Ion Ratio Lower Upper

165 100

63 1.6 48.9 73.3#

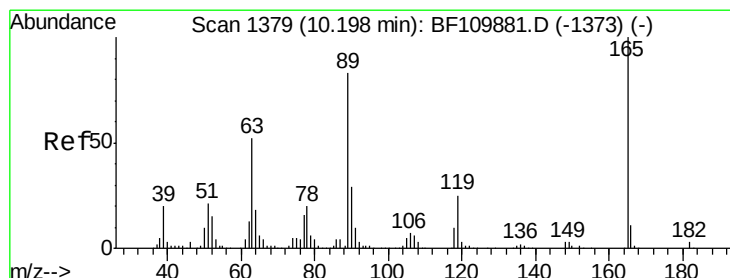
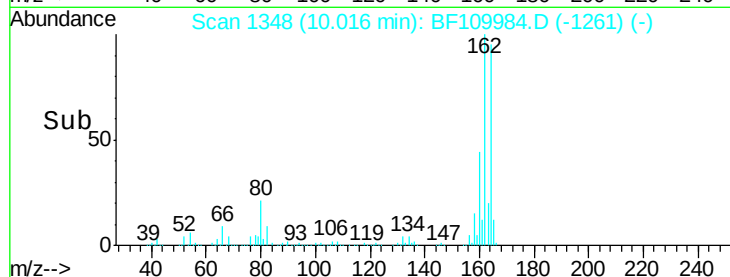
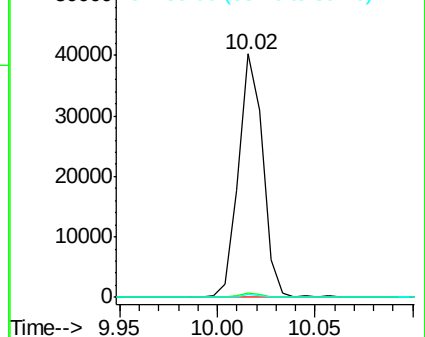
89 1.3 46.6 69.8#



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



#57

2,4-Dinitrotoluene

Concen: 11.298 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.19 min

Lab File: BF109984.D

Acq: 19 Oct 2018 2:51

Tgt Ion:165 Resp: 35005

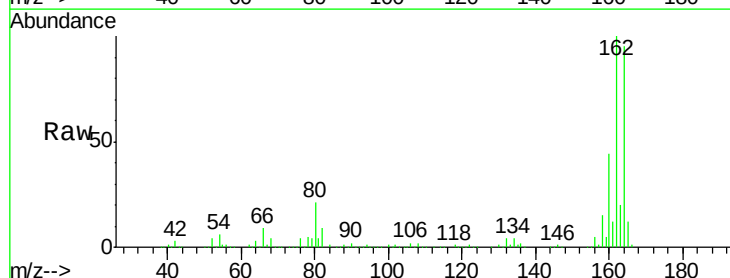
Ion Ratio Lower Upper

165 100

63 1.6 44.8 67.2#

89 1.3 62.2 93.4#

182 0.0 2.1 3.1#

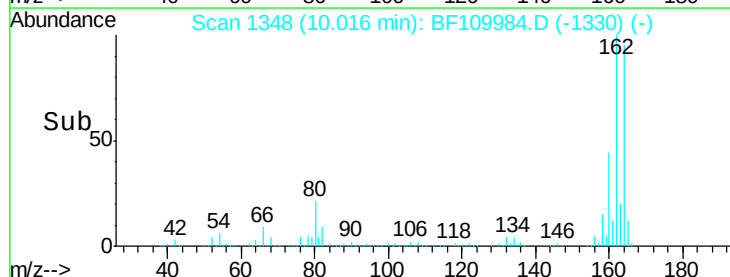
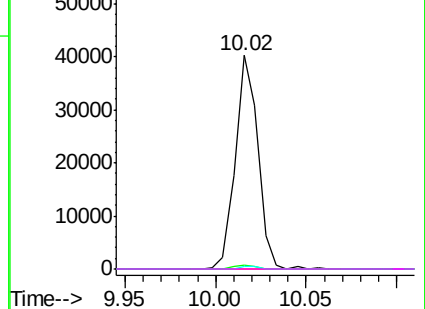


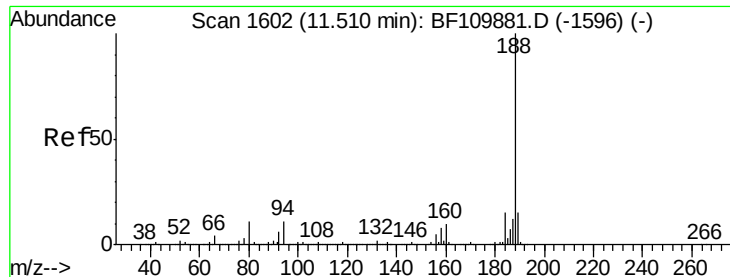
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109984.D

Acq: 19 Oct 2018 2:51

Instrument :

BNA_F

ClientSampleId :

PL-03-101718-C

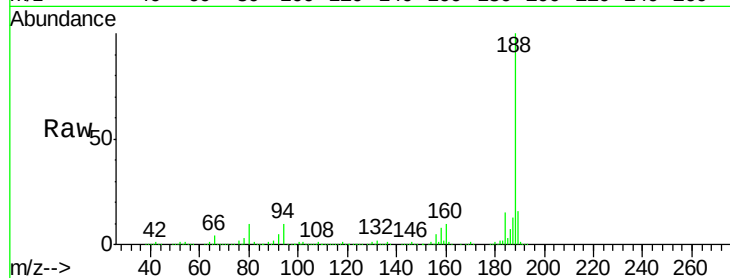
Tgt Ion:188 Resp: 495038

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

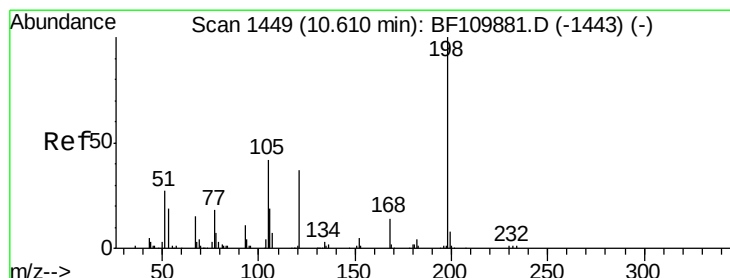
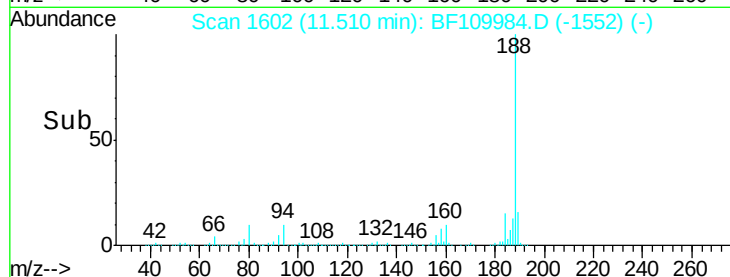
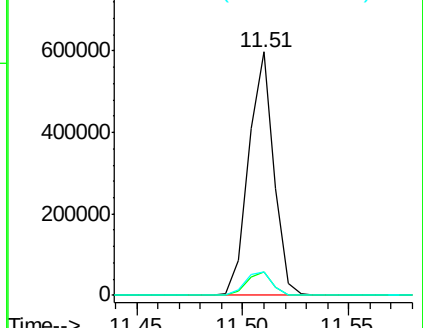
80 9.8 7.9 11.9



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



#65

4,6-Dinitro-2-methylphenol

Concen: 8.025 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.18 min

Lab File: BF109984.D

Acq: 19 Oct 2018 2:51

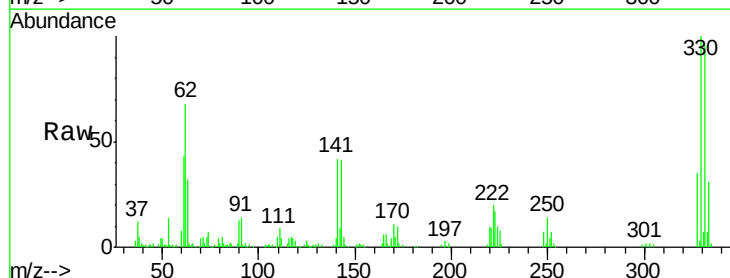
Tgt Ion:198 Resp: 258

Ion Ratio Lower Upper

198 100

51 254.3 22.8 62.8#

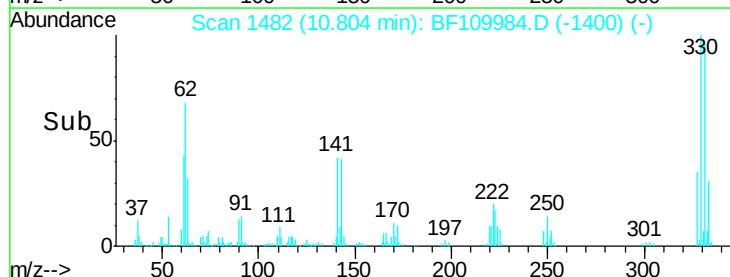
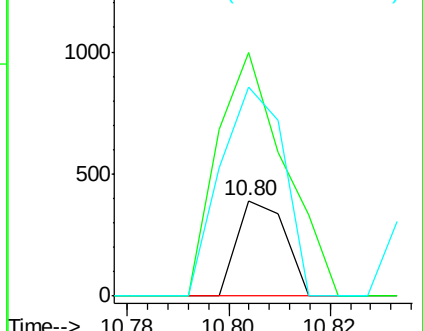
105 218.6 23.6 63.6#

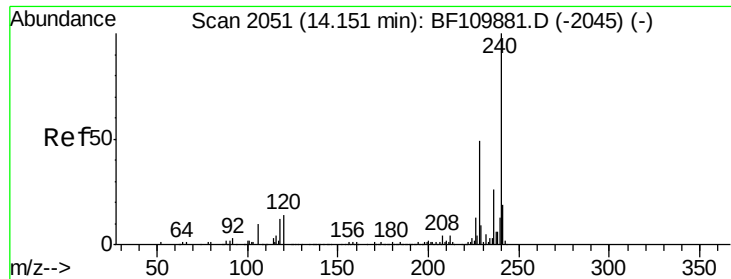


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

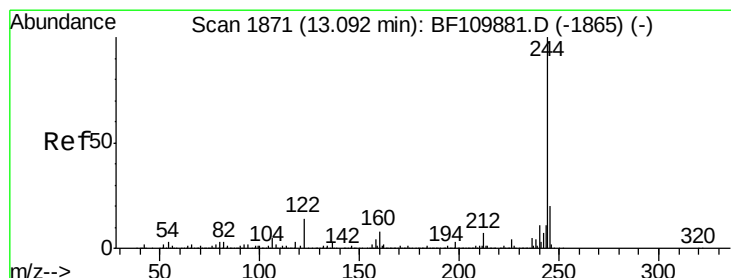
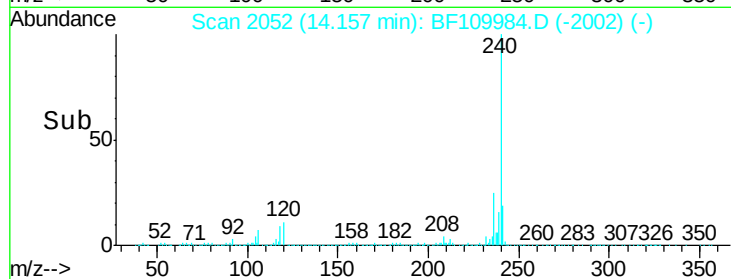
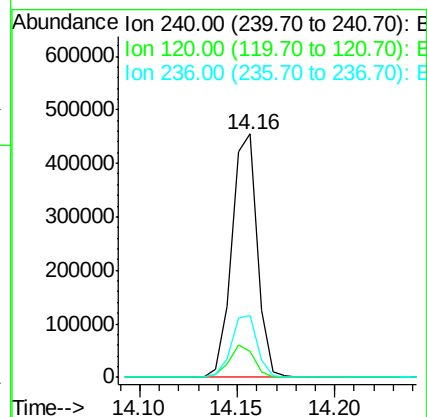
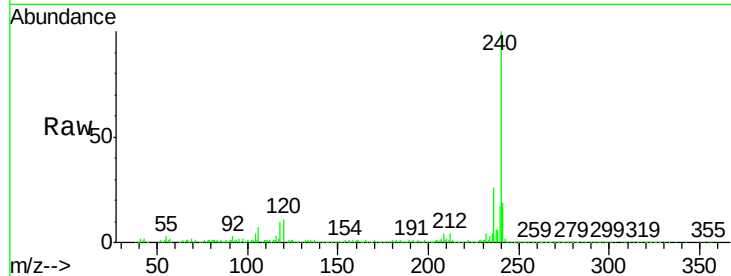




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

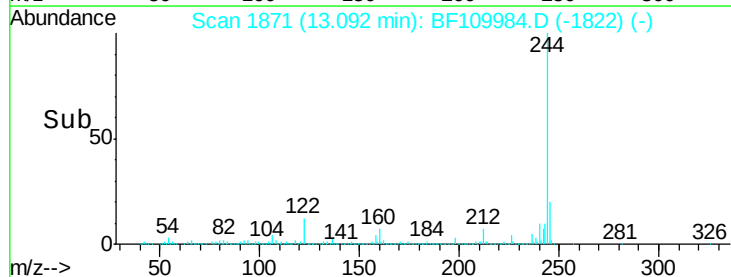
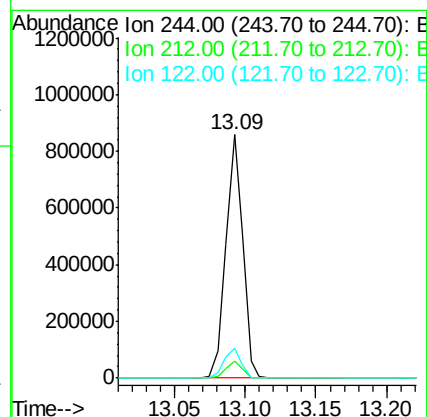
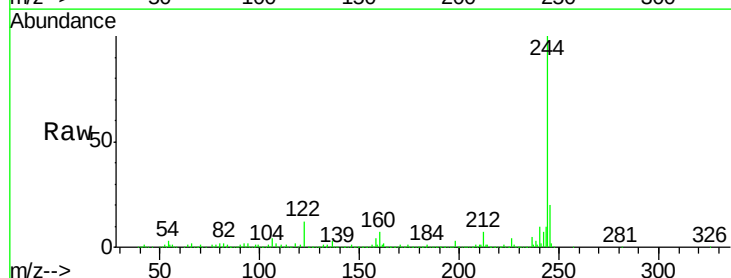
Instrument :
BNA_F
ClientSampleId :
PL-03-101718-C

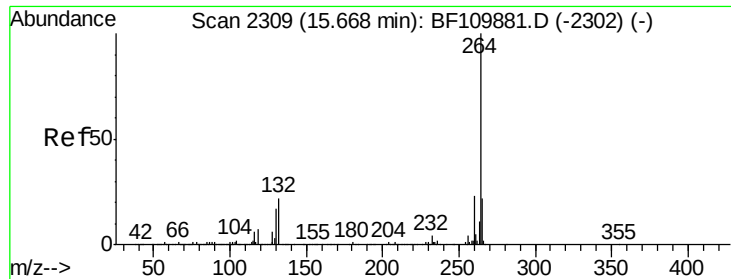
Tgt Ion:240 Resp: 409880
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 25.5 21.2 31.8



#79
Terphenyl-d14
Concen: 36.540 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

Tgt Ion:244 Resp: 713218
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 12.3 8.7 13.1

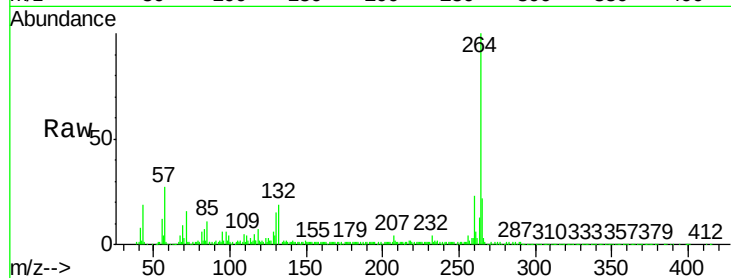




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

Instrument :
BNA_F
ClientSampleId :
PL-03-101718-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.6	16.7	25.1



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

