

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109620.D
 Acq On : 5 Oct 2018 20:35
 Operator : JU/SJ
 Sample : J5179-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-GRAVEL

Quant Time: Oct 06 05:56:47 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

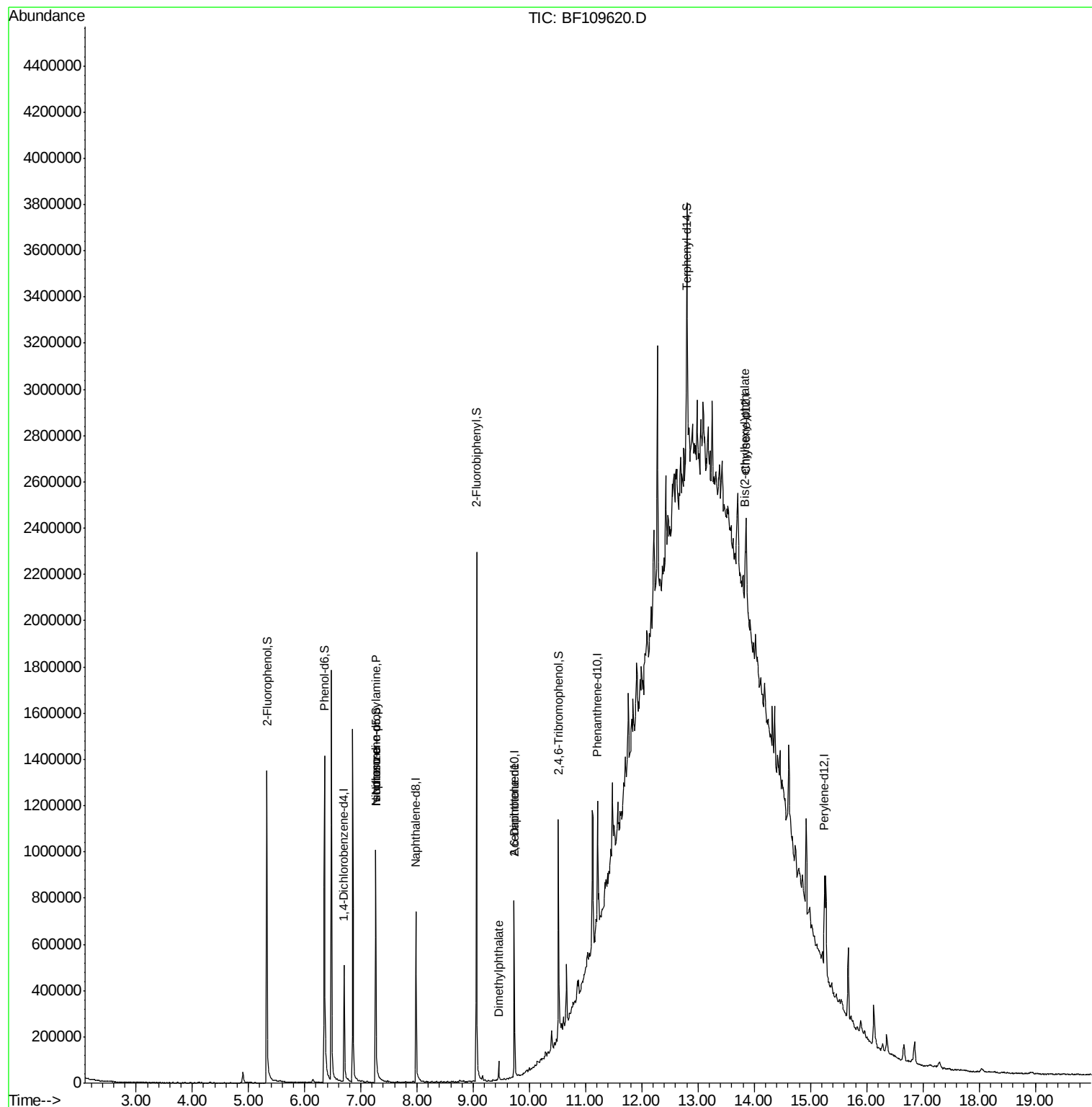
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	96042	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	375794	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	160858	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	231791	20.00	ng	0.00
75) Chrysene-d12	13.85	240	170227	20.00	ng	0.00
86) Perylene-d12	15.25	264	200006	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	460042	78.90	ng	0.01
7) Phenol-d6	6.35	99	622469	83.66	ng	0.00
23) Nitrobenzene-d5	7.26	82	398468	62.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	129736	81.81	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	722767	67.77	ng	-0.02
78) Terphenyl-d14	12.80	244	408140	58.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	53196	10.911	ng	# 78
25) Isophorone	7.26	82	383014	33.412	ng	# 64
49) Dimethylphthalate	9.45	163	34076	2.913	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	21258	9.174	ng	# 26
83) Bis(2-ethylhexyl)phthalate	13.84	149	84773	12.951	ng	# 100

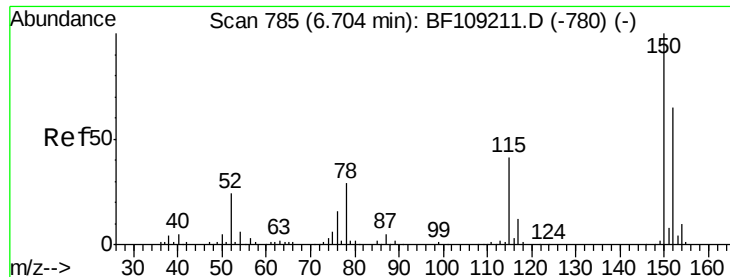
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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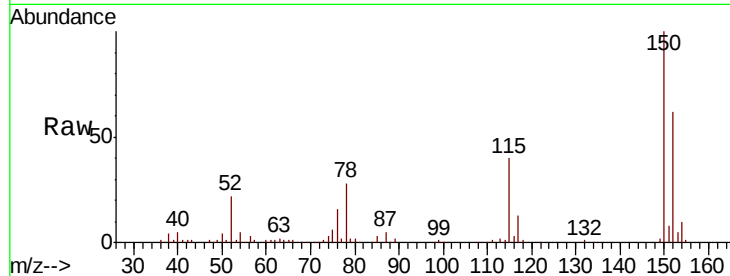


#1

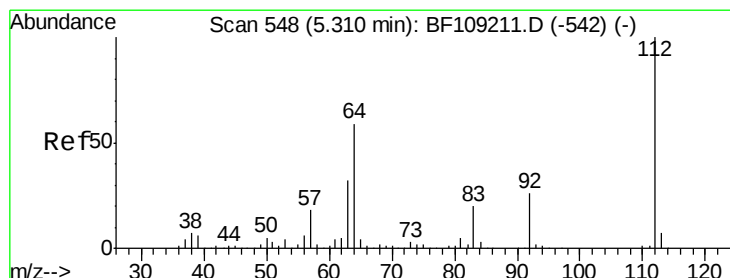
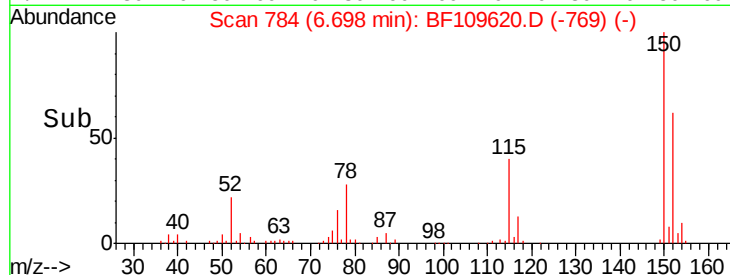
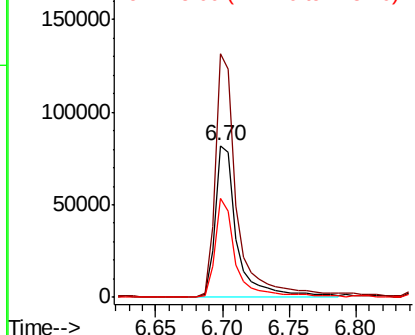
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF109620.D
Acq: 5 Oct 2018 20:35

Instrument :
BNA_F
ClientSampleId :
T1-GRAVEL

Tgt Ion:152 Resp: 96042
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 65.1 50.1 75.1



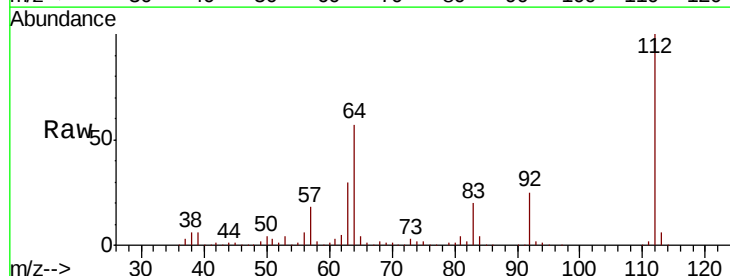
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



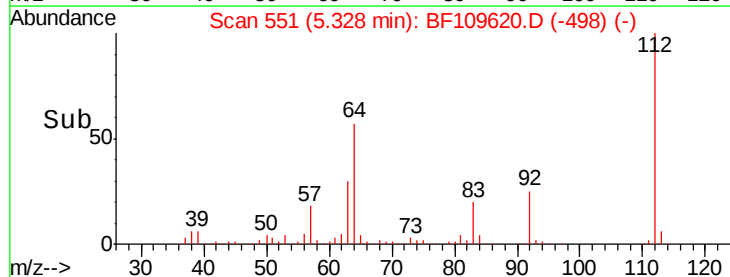
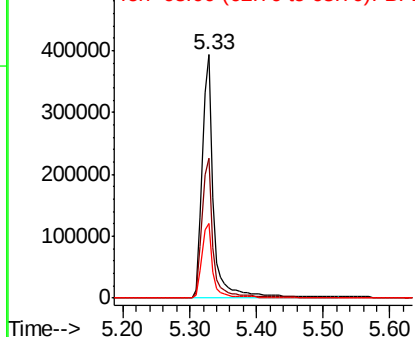
#5

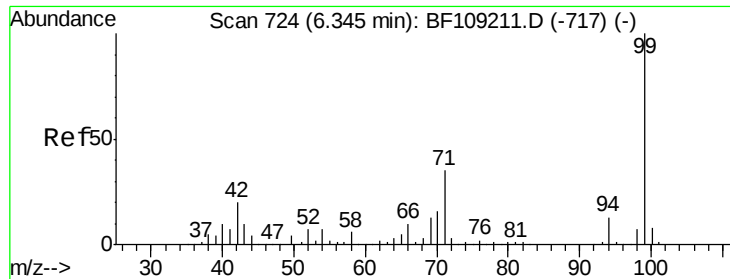
2-Fluorophenol
Concen: 78.895 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109620.D
Acq: 5 Oct 2018 20:35

Tgt Ion:112 Resp: 460042
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 30.5 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: 83.658 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109620.D

Acq: 5 Oct 2018 20:35

Instrument :

BNA_F

ClientSampleId :

T1-GRAVEL

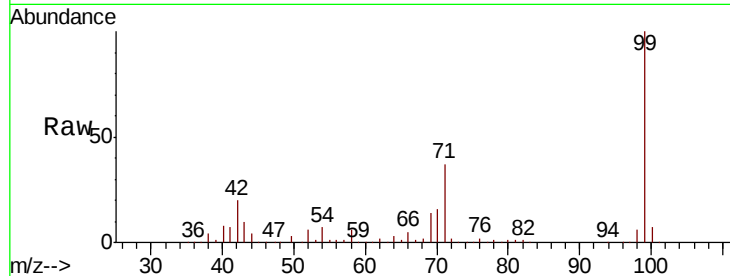
Tgt Ion: 99 Resp: 622469

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 36.7 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

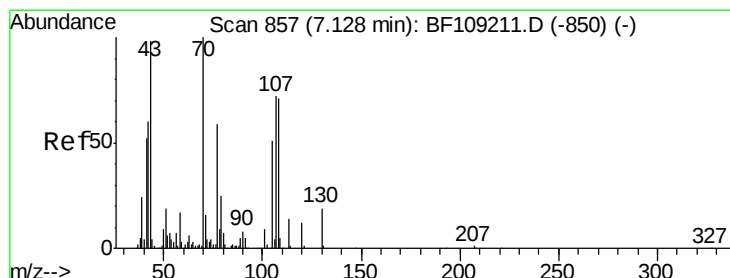
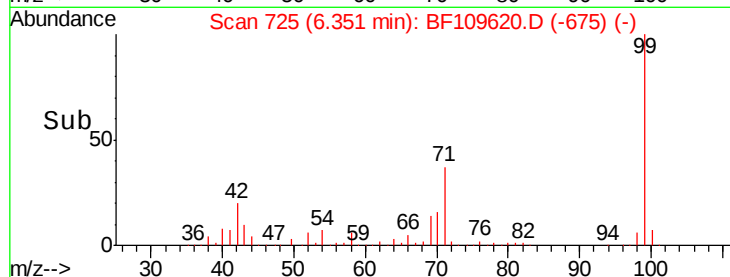
600000

400000

200000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#19

n-Nitroso-di-n-propylamine

Concen: 10.911 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109620.D

Acq: 5 Oct 2018 20:35

Tgt Ion: 70 Resp: 53196

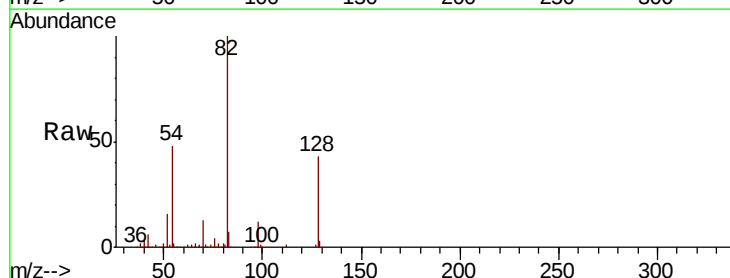
Ion Ratio Lower Upper

70 100

42 47.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 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

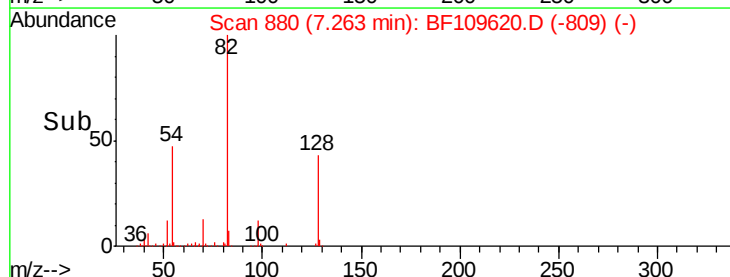
60000

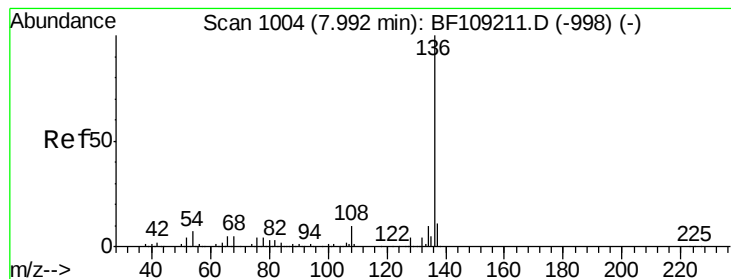
40000

20000

0

Time--> 7.20 7.30 7.40





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109620.D

Acq: 5 Oct 2018 20:35

Instrument :

BNA_F

ClientSampled :

T1-GRAVEL

Tgt Ion:136 Resp: 375794

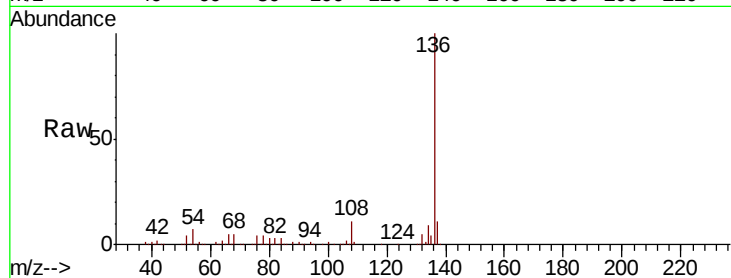
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.9 6.6 9.8

68 5.3 5.0 7.4

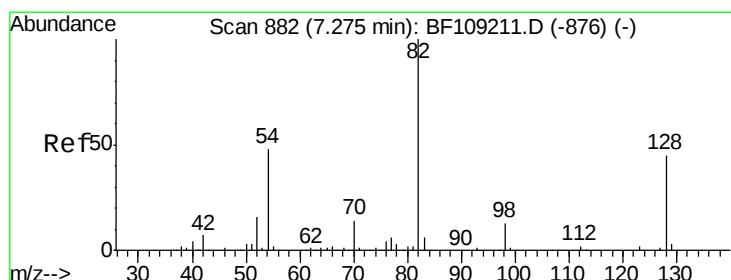
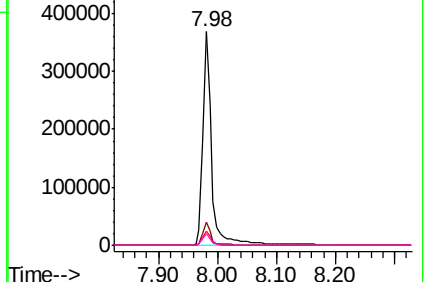
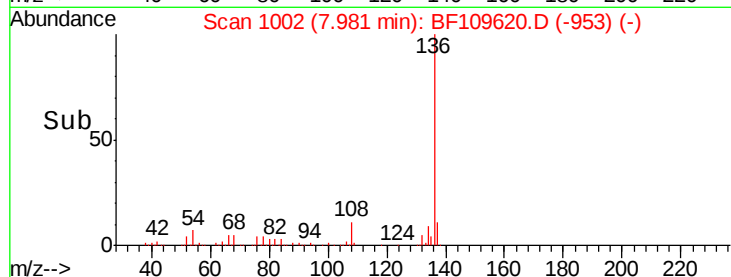


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.593 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109620.D

Acq: 5 Oct 2018 20:35

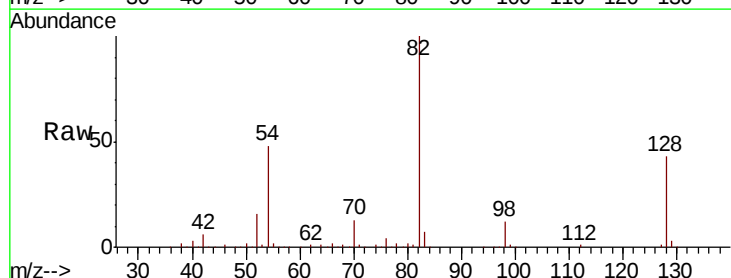
Tgt Ion: 82 Resp: 398468

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

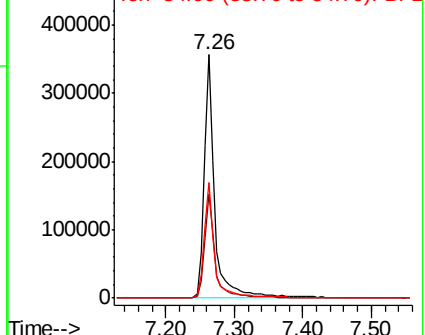
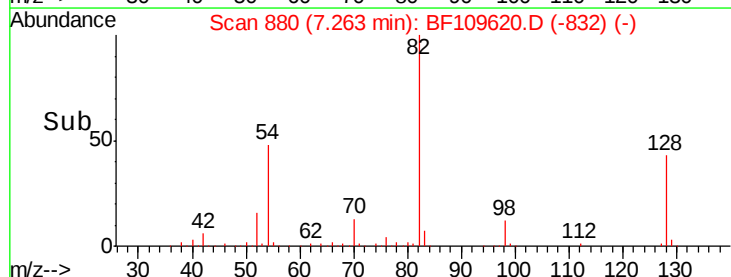
54 47.6 41.4 62.2

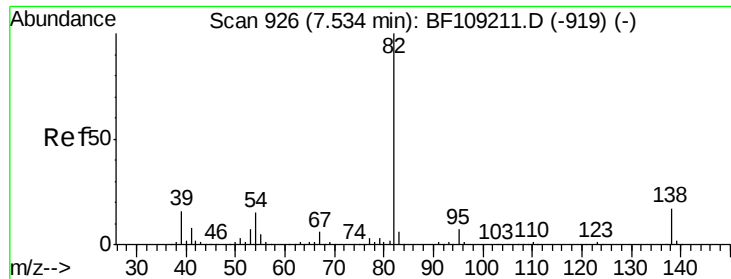


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.412 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF109620.D

Acq: 5 Oct 2018 20:35

Instrument :

BNA_F

ClientSampleId :

T1-GRAVEL

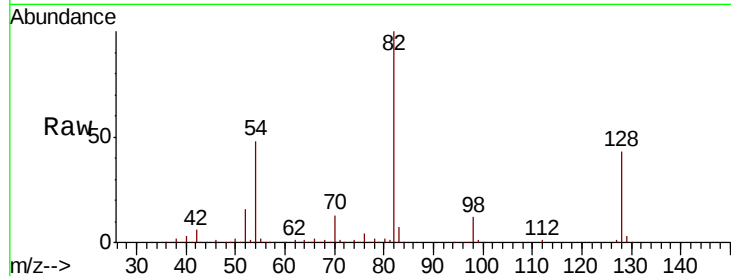
Tgt Ion: 82 Resp: 383014

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

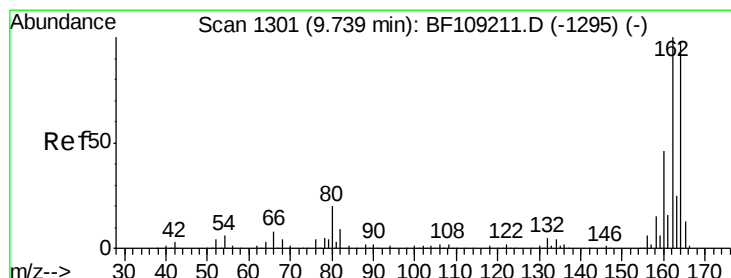
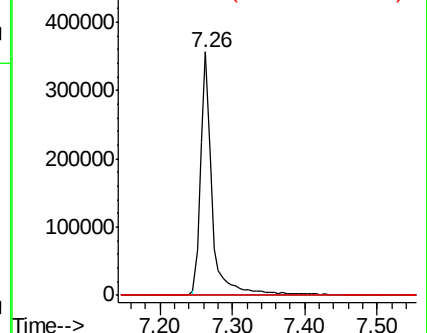
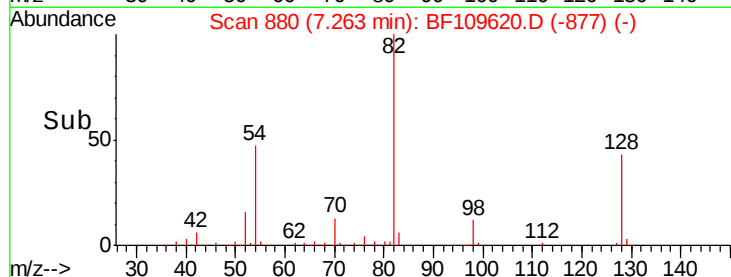
138 0.0 14.9 22.3#



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: BF109620.D

Acq: 5 Oct 2018 20:35

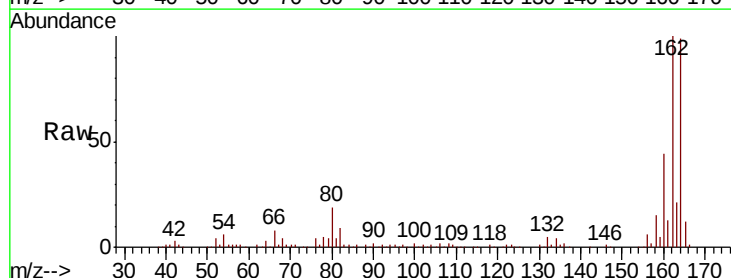
Tgt Ion: 164 Resp: 160858

Ion Ratio Lower Upper

164 100

162 100.8 86.1 129.1

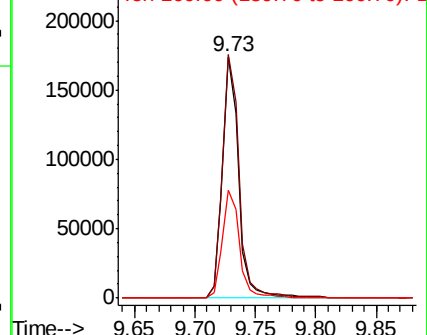
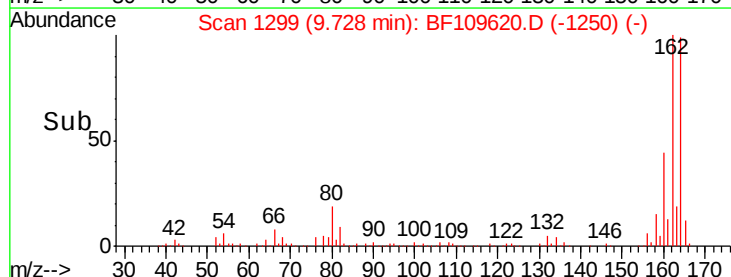
160 44.6 38.3 57.5

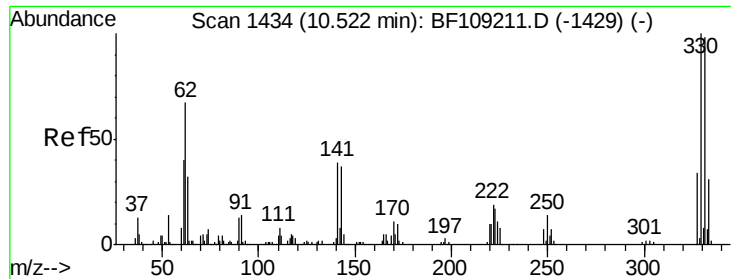


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

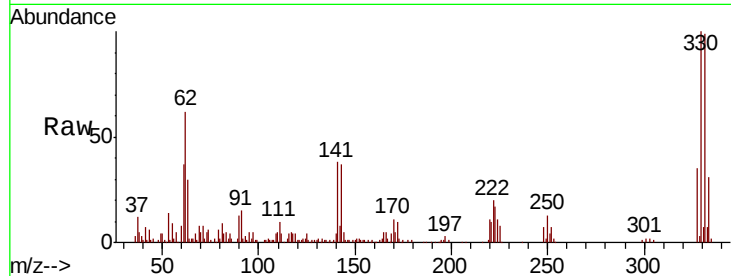




#41
 2,4,6-Tribromophenol
 Concen: 81.815 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109620.D
 Acq: 5 Oct 2018 20:35

Instrument :
 BNA_F
 ClientSampleId :
 T1-GRAVEL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.2	29.9	44.9

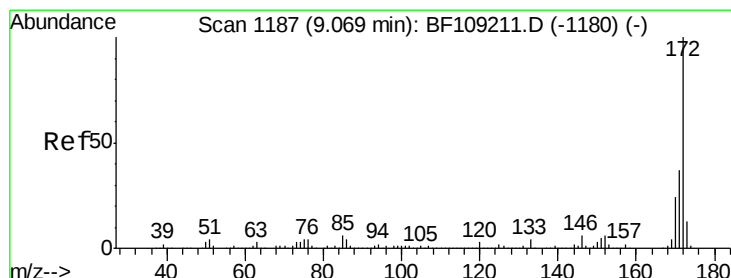
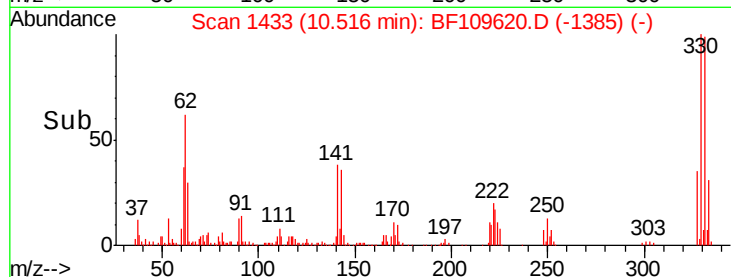
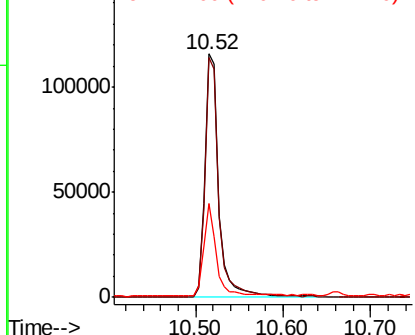


Abundance

Ion 329.80 (329.50 to 330.50): E

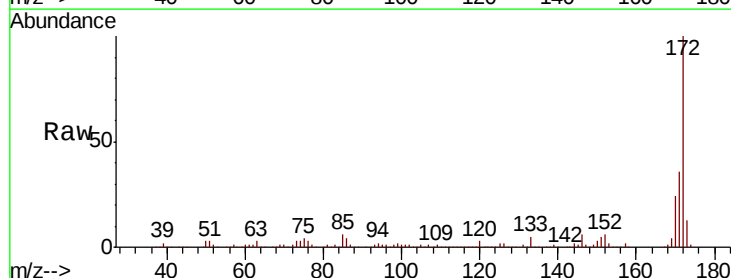
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.766 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109620.D
 Acq: 5 Oct 2018 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4

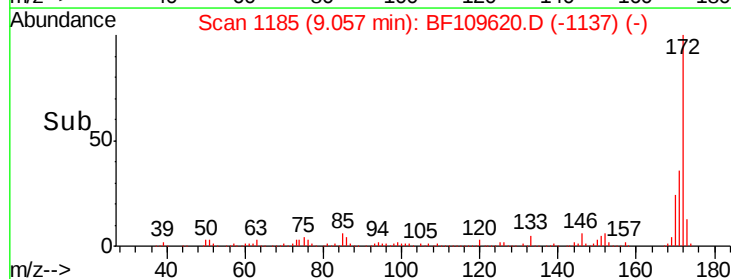
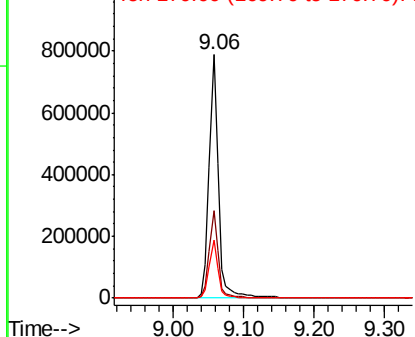


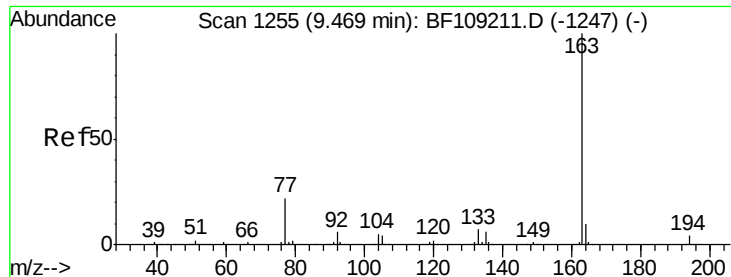
Abundance

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

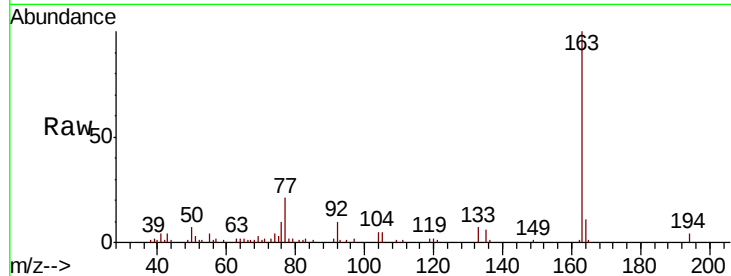




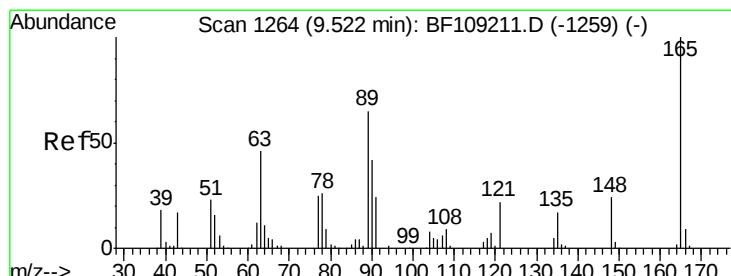
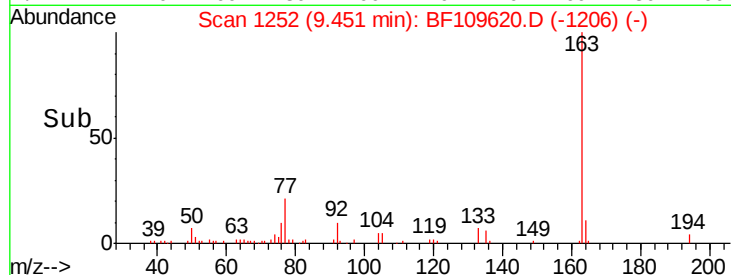
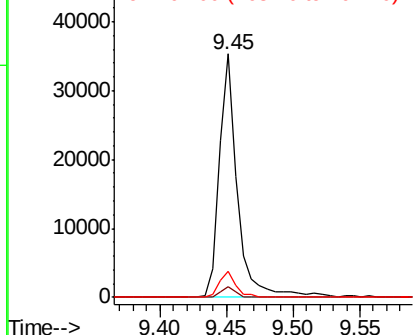
#49
 Dimethylphthalate
 Concen: 2.913 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.03 min
 Lab File: BF109620.D
 Acq: 5 Oct 2018 20:35

Instrument :
 BNA_F
 ClientSampleId :
 T1-GRAVEL

Tgt Ion:163 Resp: 34076
 Ion Ratio Lower Upper
 163 100
 194 4.5 2.7 4.1#
 164 10.5 8.2 12.2

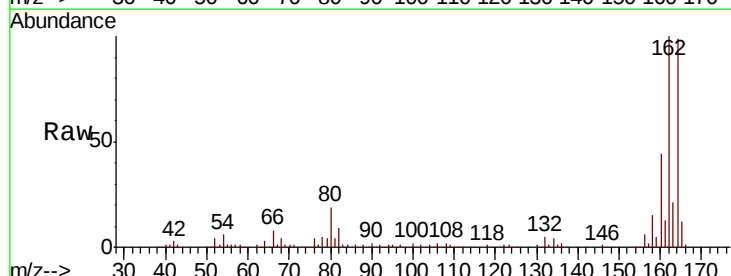


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

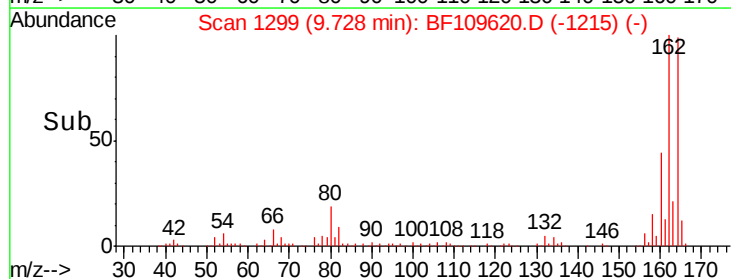
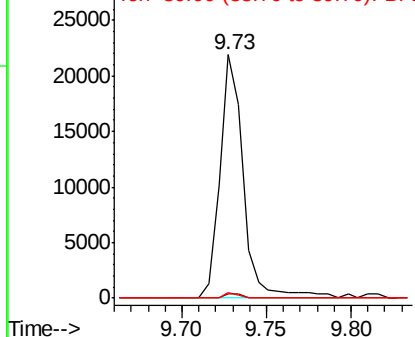


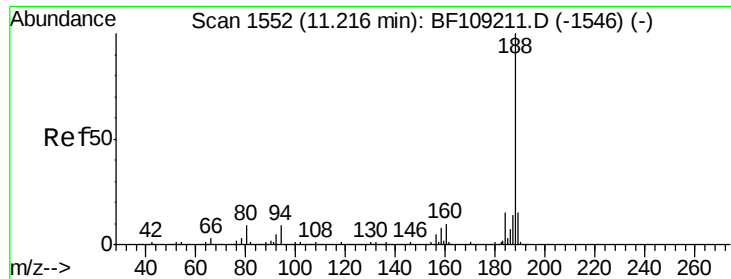
#50
 2,6-Dinitrotoluene
 Concen: 9.174 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF109620.D
 Acq: 5 Oct 2018 20:35

Tgt Ion:165 Resp: 21258
 Ion Ratio Lower Upper
 165 100
 63 1.7 44.7 67.1#
 89 2.1 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109620.D

Acq: 5 Oct 2018 20:35

Instrument :

BNA_F

ClientSampleId :

T1-GRAVEL

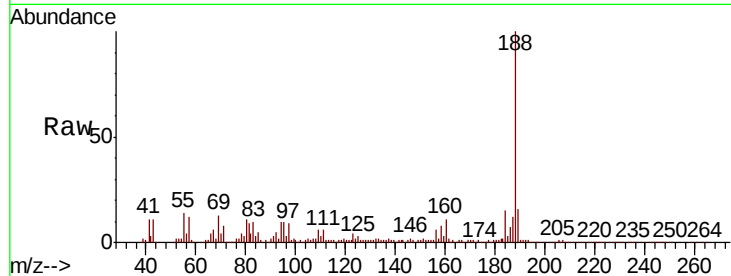
Tgt Ion:188 Resp: 231791

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

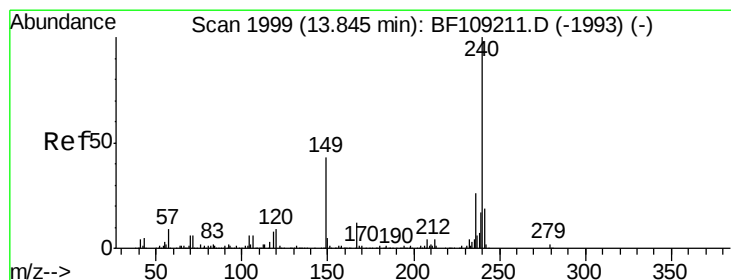
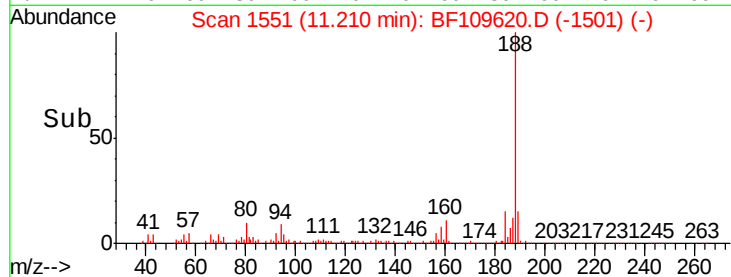
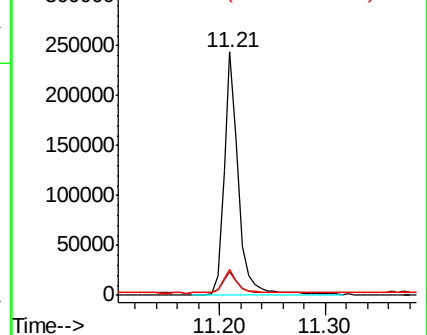
80 10.8 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF109620.D

Acq: 5 Oct 2018 20:35

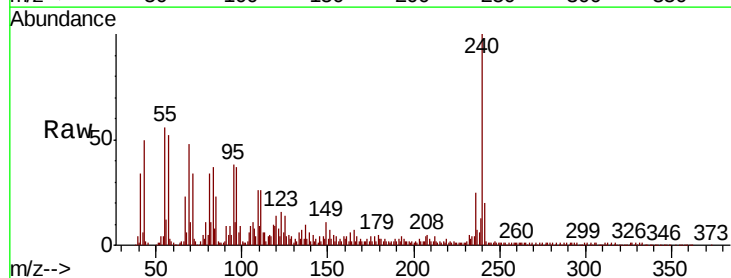
Tgt Ion:240 Resp: 170227

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

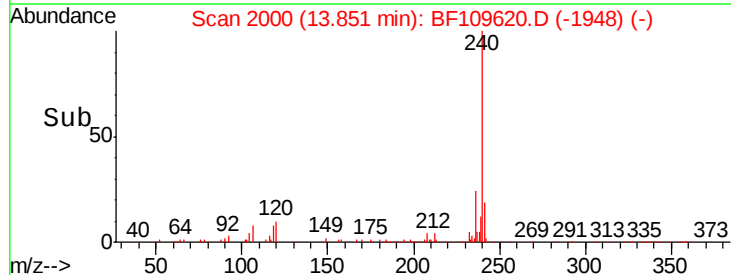
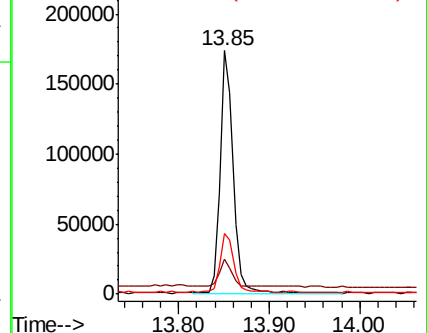
236 24.7 20.7 31.1

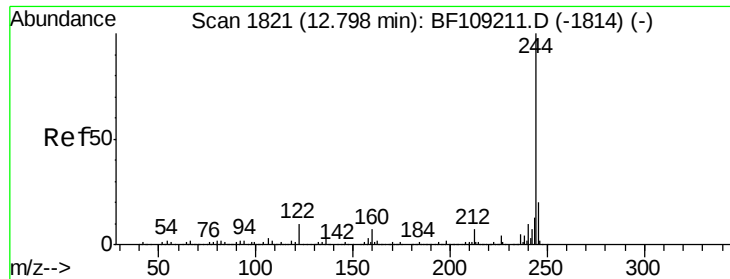


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

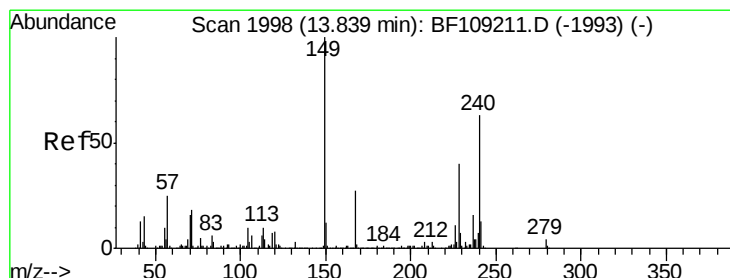
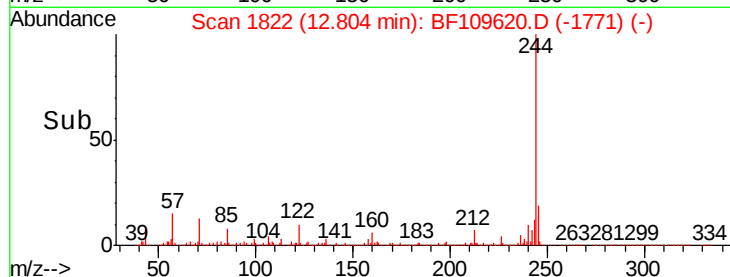
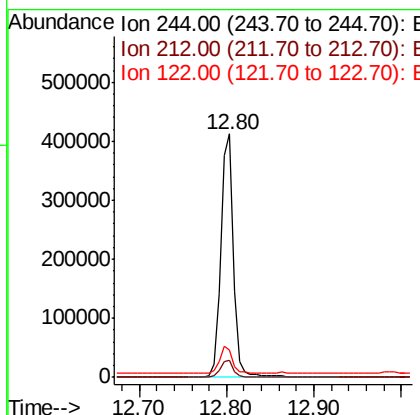
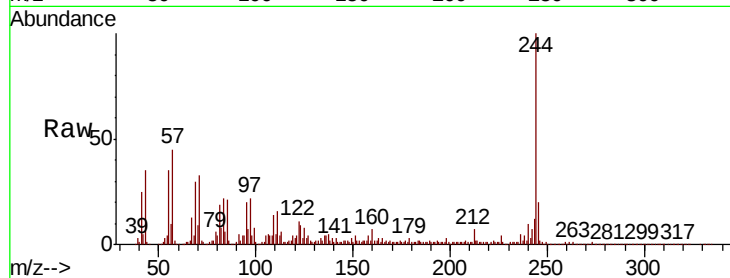




#78
 Terphenyl-d14
 Concen: 58.842 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BF109620.D
 Acq: 5 Oct 2018 20:35

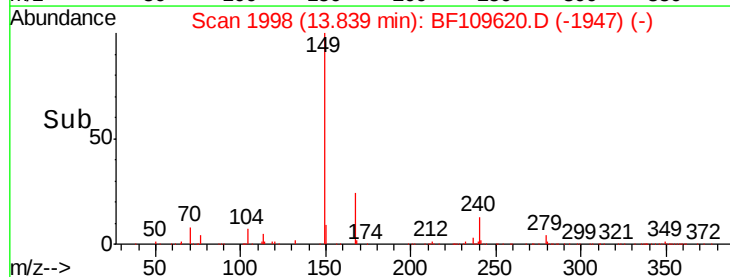
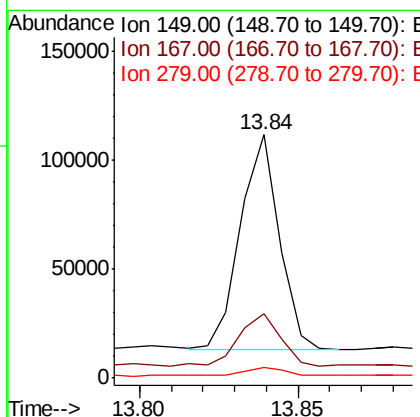
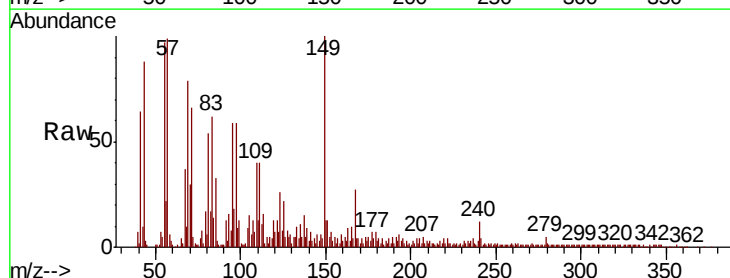
Instrument :
 BNA_F
 ClientSampleId :
 T1-GRAVEL

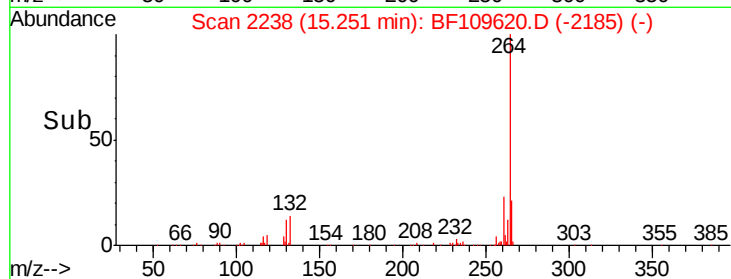
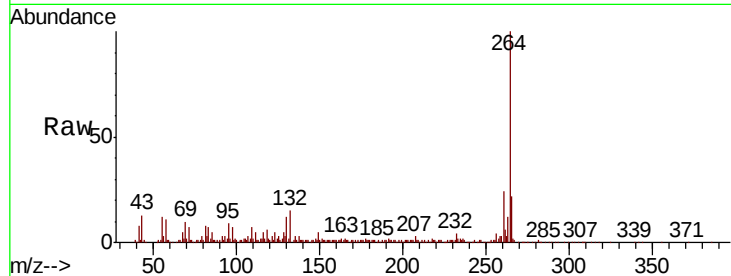
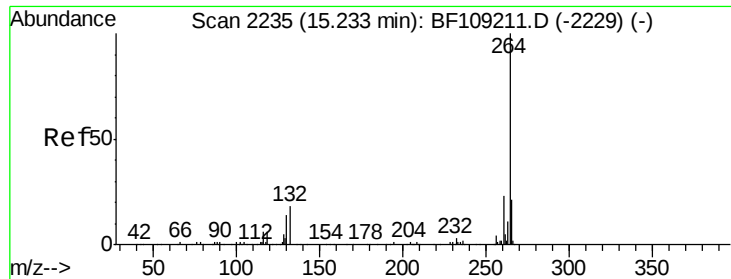
Tgt Ion:244 Resp: 408140
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.1 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 12.951 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF109620.D
 Acq: 5 Oct 2018 20:35

Tgt Ion:149 Resp: 84773
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 4.5 3.0 4.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109620.D
Acq: 5 Oct 2018 20:35

Instrument :
BNA_F
ClientSampleId :
T1-GRAVEL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.5	26.3

