

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
 Data File : BG031738.D
 Acq On : 23 Dec 2017 8:17
 Operator : SJ/JU
 Sample : I7004-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-121917

Quant Time: Dec 25 04:43:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

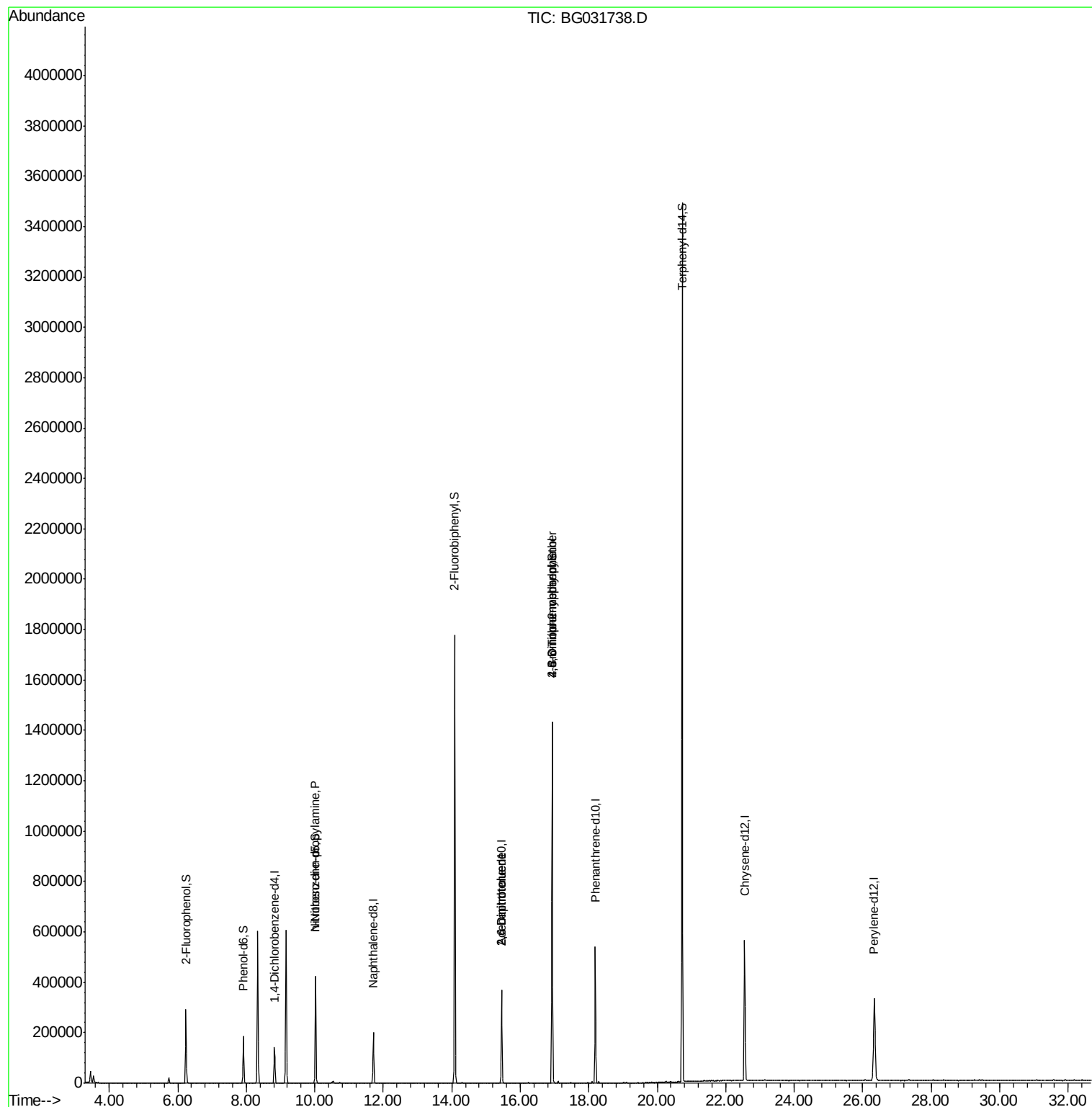
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	50619	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	209141	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	144664	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	372650	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	432498	20.00	ng	-0.02
86) Perylene-d12	26.34	264	458603	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	165143	59.42	ng	-0.01
7) Phenol-d6	7.92	99	130415	36.14	ng	-0.01
23) Nitrobenzene-d5	10.02	82	278469	100.54	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	350896	158.97	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	1061983	92.14	ng	-0.01
78) Terphenyl-d14	20.73	244	1887862	99.73	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.02	70	36433	14.785	ng	# 70
50) 2,6-Dinitrotoluene	15.46	165	17810	7.597	ng	# 18
56) 2,4-Dinitrotoluene	15.46	165	17810	5.908	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.93	198	1023	8.772	ng	# 43
66) 4-Bromophenyl-phenylether	16.93	248	28491	5.287	ng	# 1

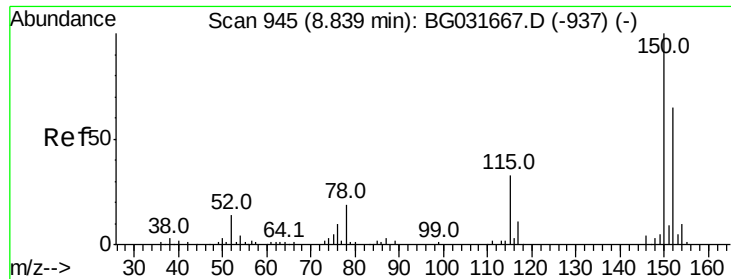
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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FB-121917

Quant Time: Dec 25 04:43:55 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.01 min

Lab File: BG031738.D

Acq: 23 Dec 2017 8:17

Instrument :

BNA_G

ClientSampleId :

FB-121917

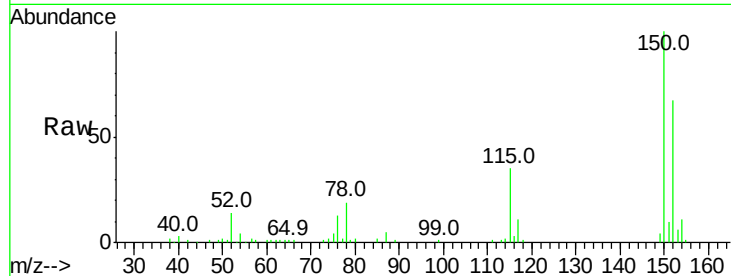
Tot Ion:152 Resp: 50619

Ion Ratio Lower Upper

152 100

150 149.7 126.6 189.8

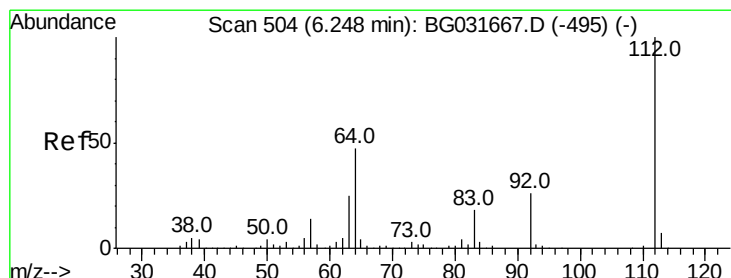
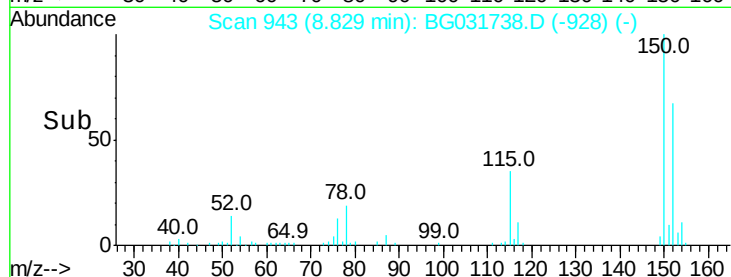
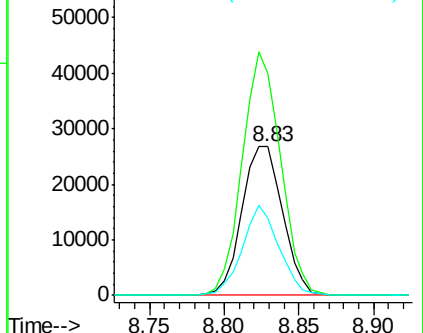
115 52.0 53.0 79.4#



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: 59.422 ng

RT: 6.24 min Scan# 502

Delta R.T. -0.01 min

Lab File: BG031738.D

Acq: 23 Dec 2017 8:17

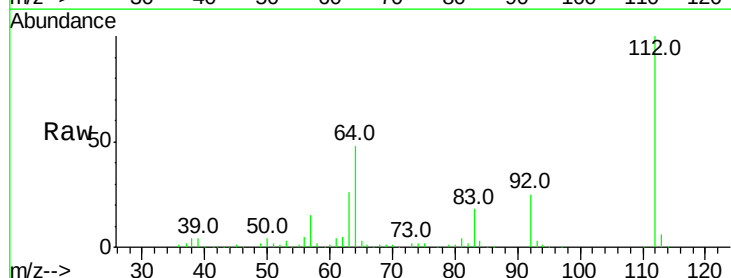
Tgt Ion:112 Resp: 165143

Ion Ratio Lower Upper

112 100

64 48.4 56.3 84.5#

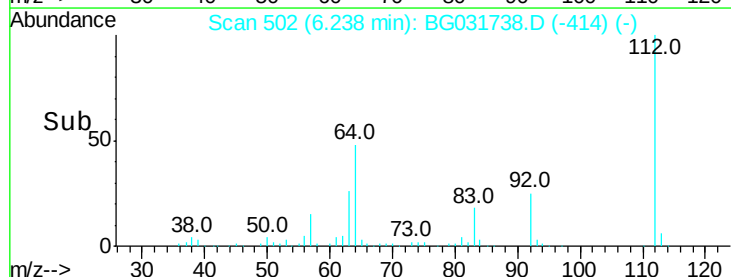
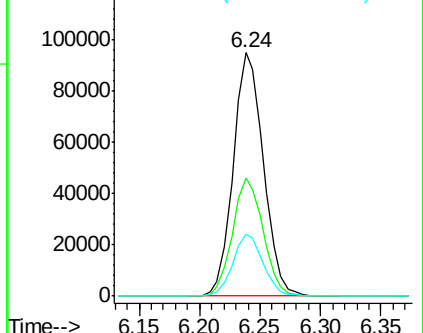
63 25.6 30.1 45.1#

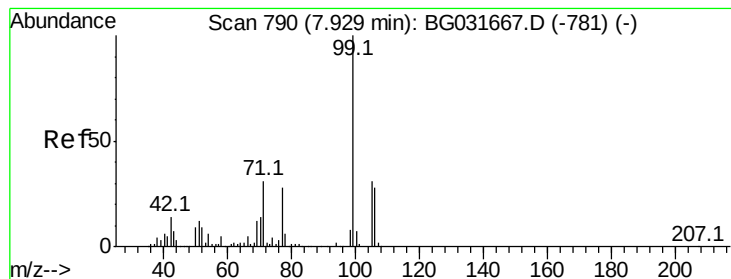


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.144 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031738.D

Acq: 23 Dec 2017 8:17

Instrument :

BNA_G

ClientSampleId :

FB-121917

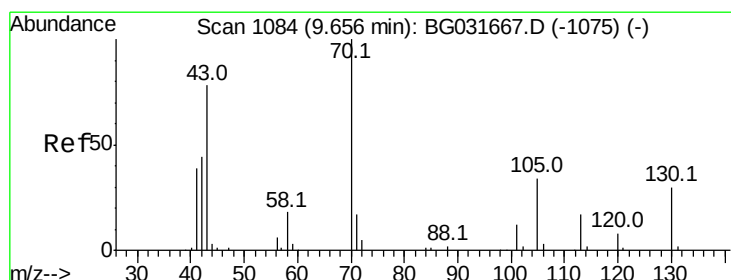
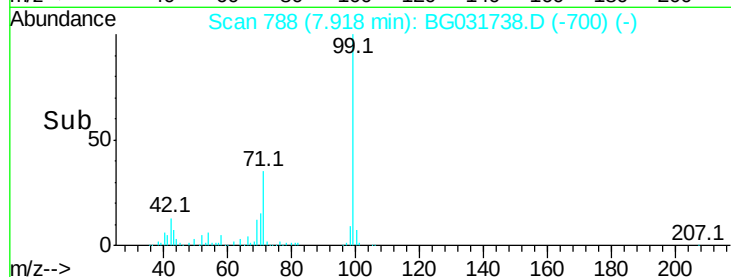
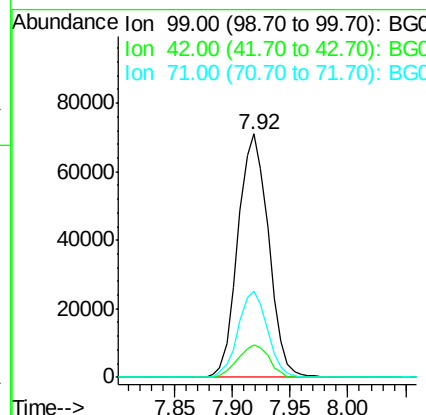
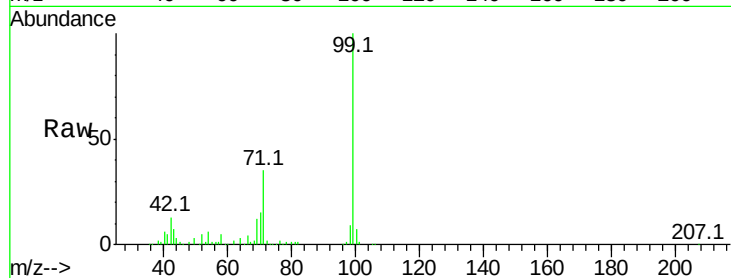
Tot Ion: 99 Resp: 130415

Ion Ratio Lower Upper

99 100

42 13.4 14.1 21.1#

71 35.5 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.785 ng

RT: 10.02 min Scan# 1146

Delta R.T. 0.37 min

Lab File: BG031738.D

Acq: 23 Dec 2017 8:17

Tgt Ion: 70 Resp: 36433

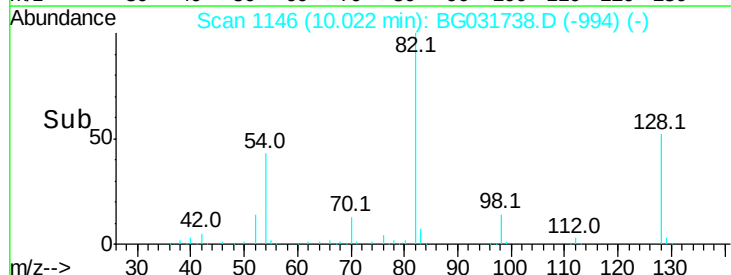
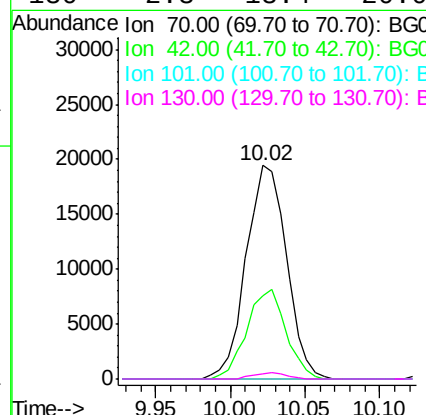
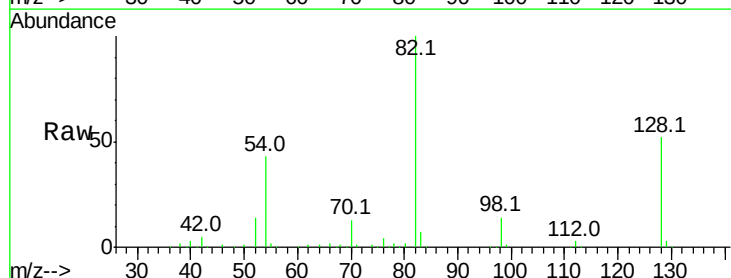
Ion Ratio Lower Upper

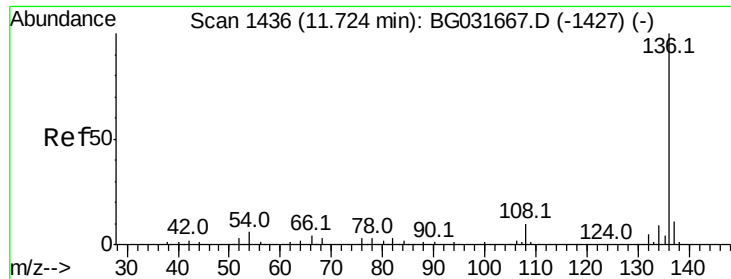
70 100

42 38.7 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#

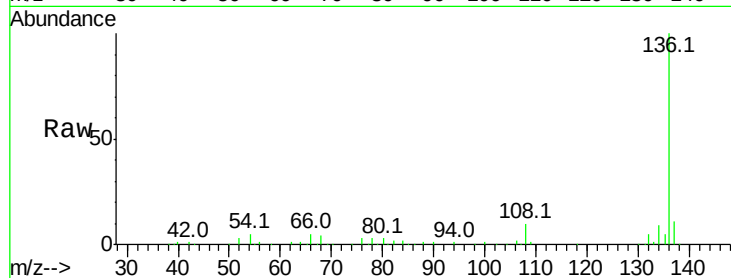




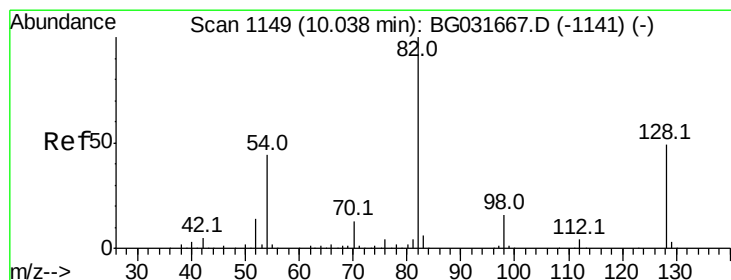
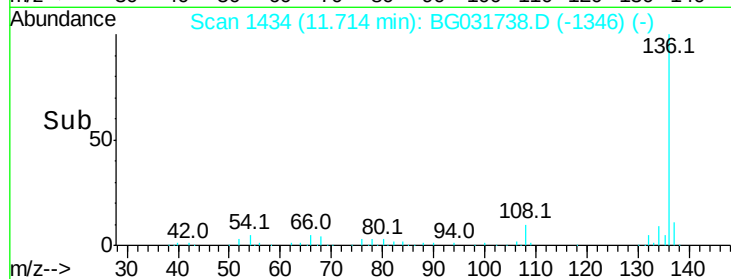
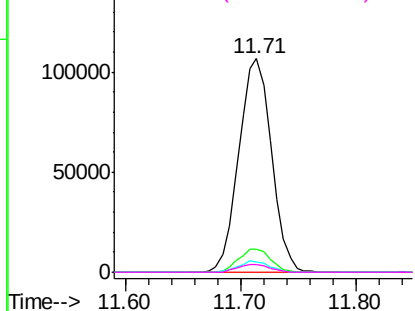
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031738.D
Acq: 23 Dec 2017 8:17

Instrument :
BNA_G
ClientSampleId :
FB-121917

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	4.7	10.3	15.5#
68	3.8	4.5	6.7#

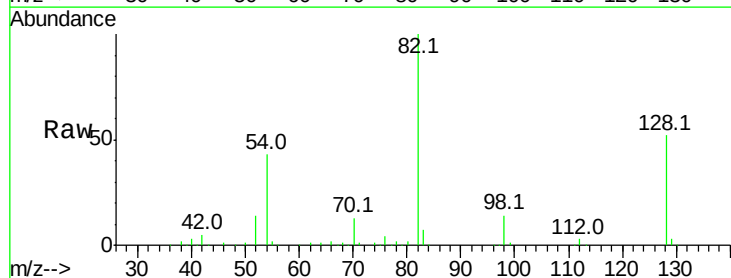


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

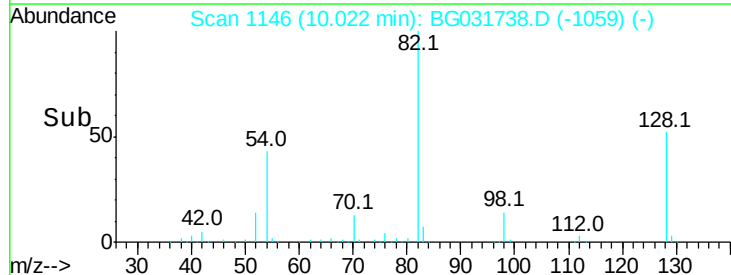
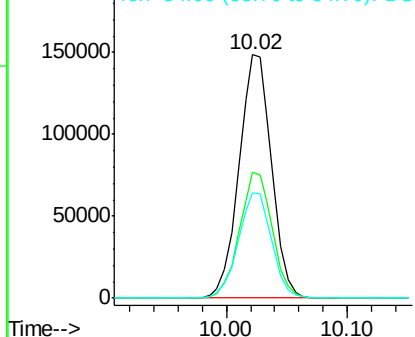


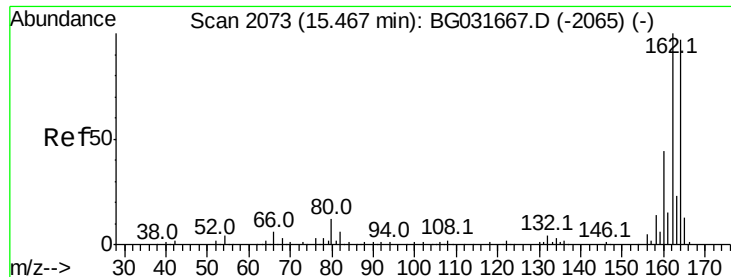
#23
Nitrobenzene-d5
Concen: 100.544 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG031738.D
Acq: 23 Dec 2017 8:17

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.7	29.7	44.5#
54	43.5	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

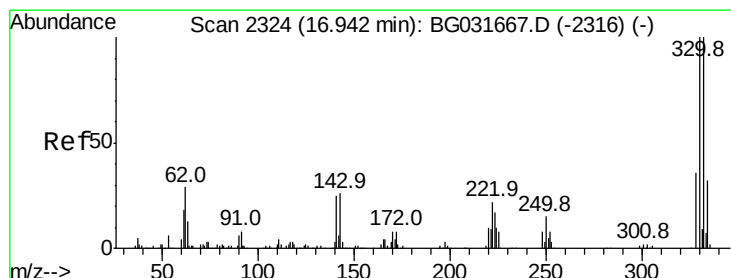
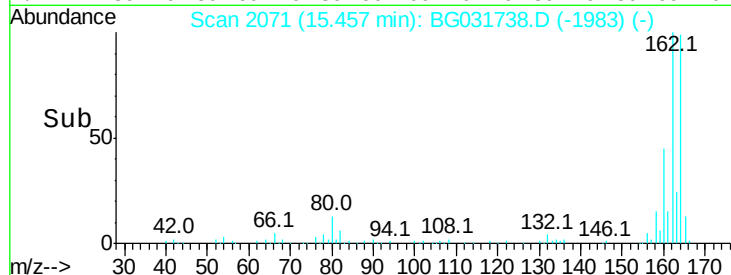
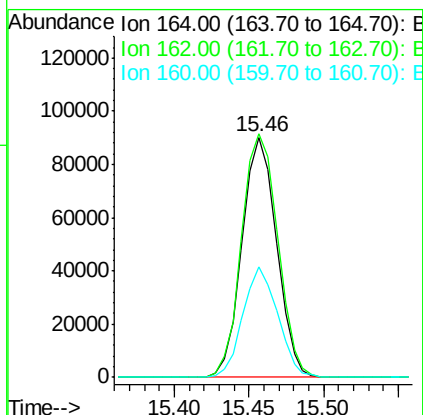
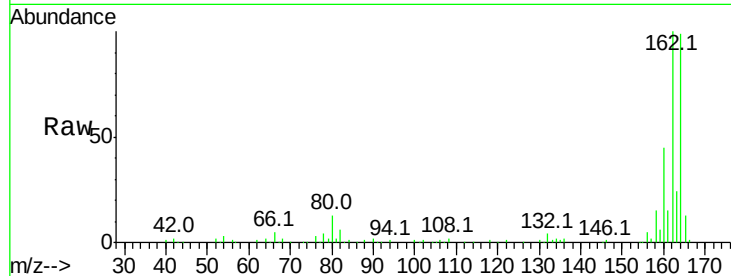




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031738.D
Acq: 23 Dec 2017 8:17

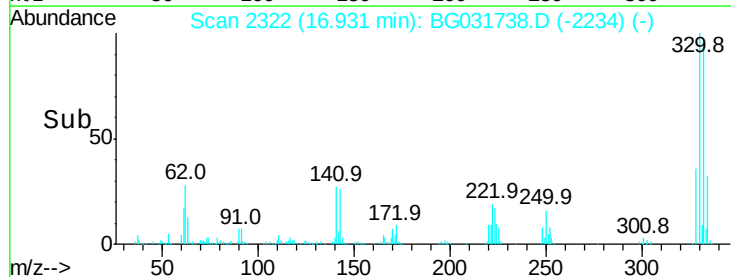
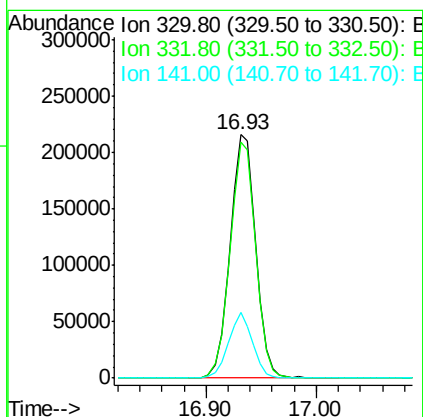
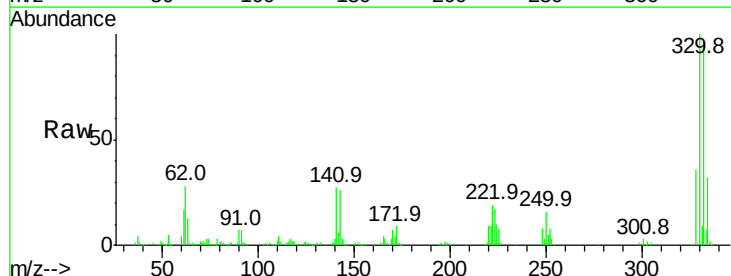
Instrument :
BNA_G
ClientSampleId :
FB-121917

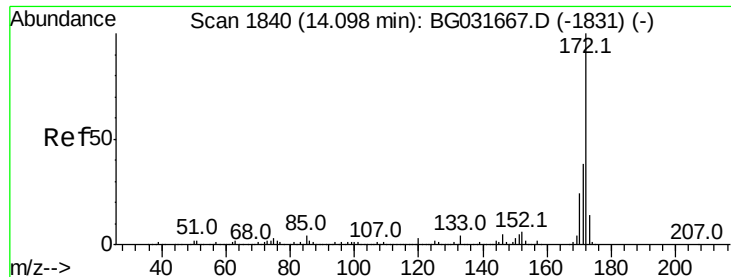
Tot Ion:164 Resp: 144664
Ion Ratio Lower Upper
164 100
162 101.5 78.8 118.2
160 46.0 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 158.965 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG031738.D
Acq: 23 Dec 2017 8:17

Tgt Ion:330 Resp: 350896
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 25.3 25.2 37.8



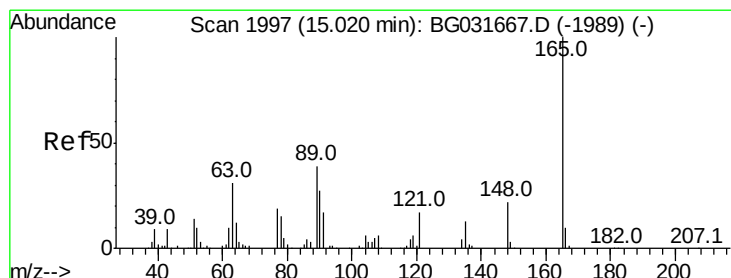
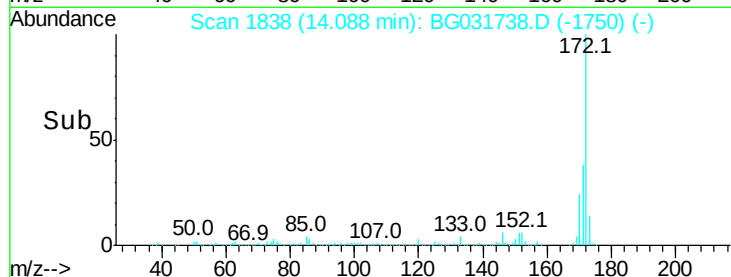
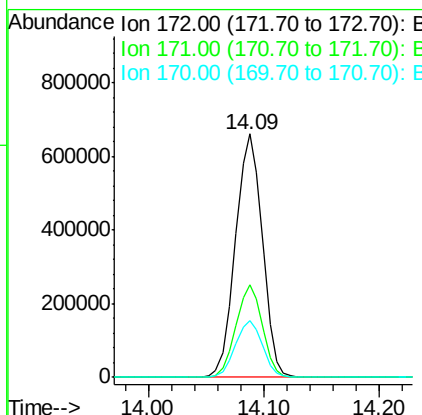
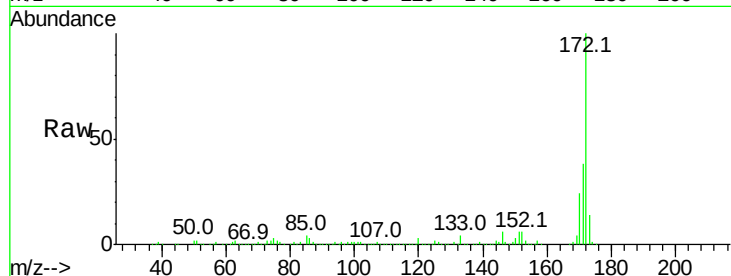


#44
 2-Fluorobiphenyl
 Concen: 92.140 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031738.D
 Acq: 23 Dec 2017 8:17

Instrument :
 BNA_G
 ClientSampleId :
 FB-121917

Tot Ion:172 Resp: 1061983

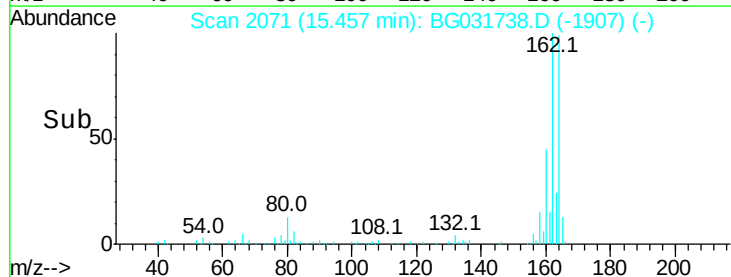
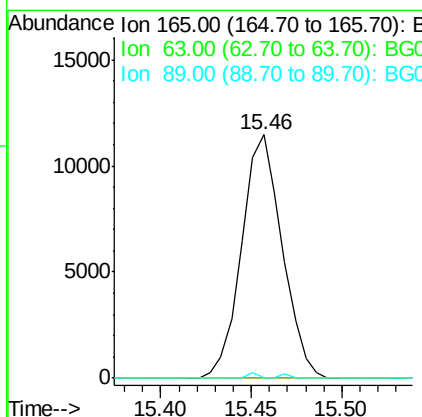
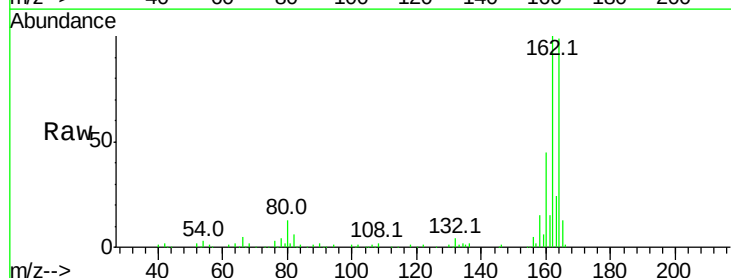
Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.6	19.5	29.3

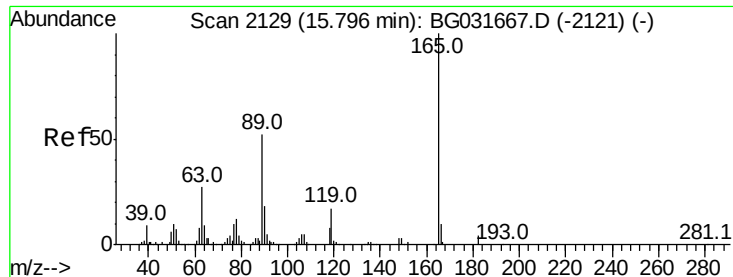


#50
 2,6-Dinitrotoluene
 Concen: 7.597 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. 0.44 min
 Lab File: BG031738.D
 Acq: 23 Dec 2017 8:17

Tgt Ion:165 Resp: 17810

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#





#56

2,4-Dinitrotoluene

Concen: 5.908 ng

RT: 15.46 min Scan# 2071

Delta R.T. -0.34 min

Lab File: BG031738.D

Acq: 23 Dec 2017 8:17

Instrument :

BNA_G

ClientSampleId :

FB-121917

Tot Ion:165 Resp: 17810

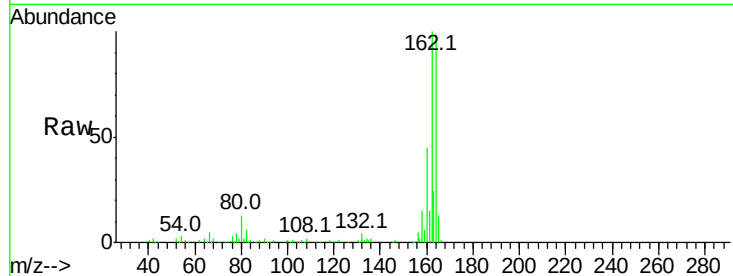
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

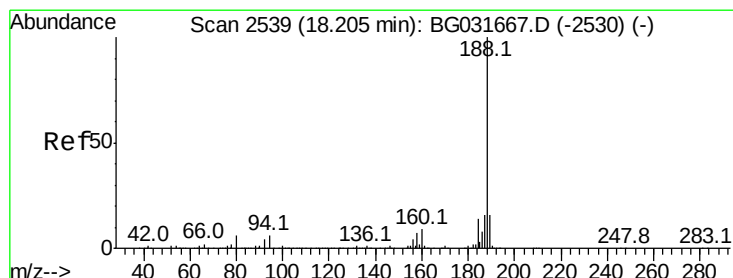
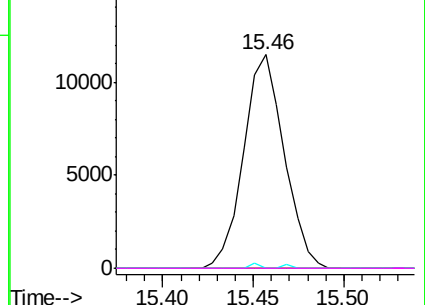
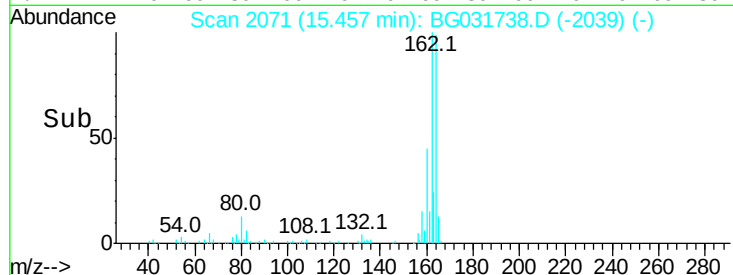


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.19 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG031738.D

Acq: 23 Dec 2017 8:17

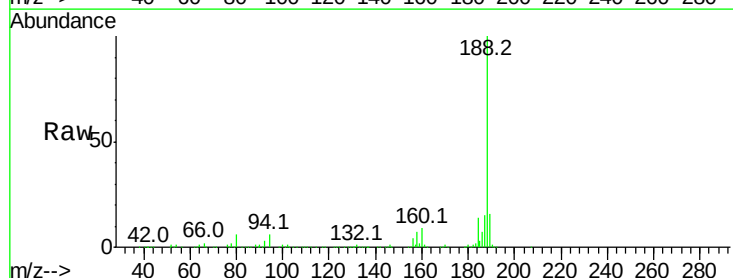
Tgt Ion:188 Resp: 372650

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

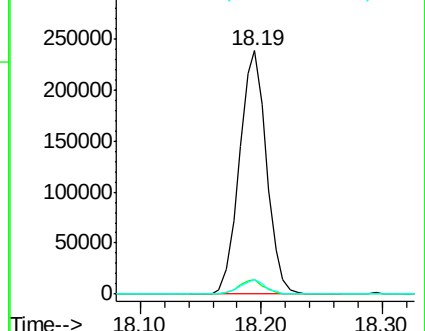
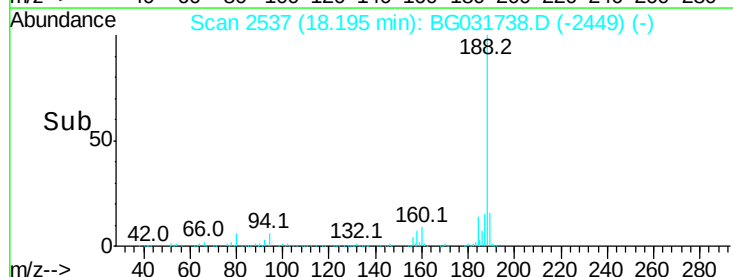
80 5.9 7.7 11.5#

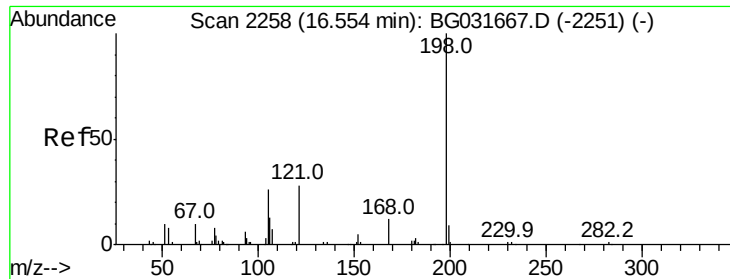


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

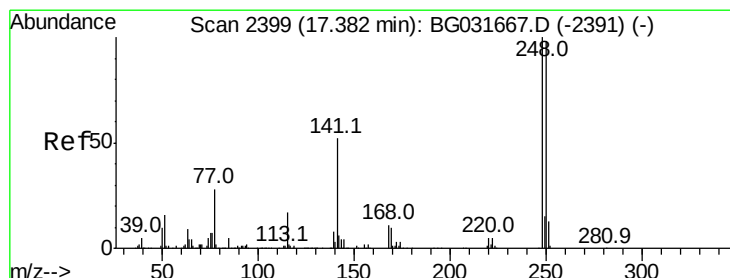
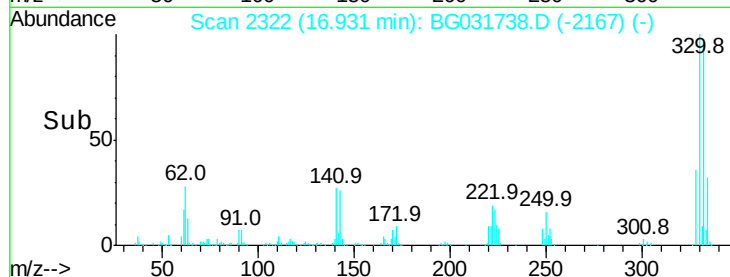
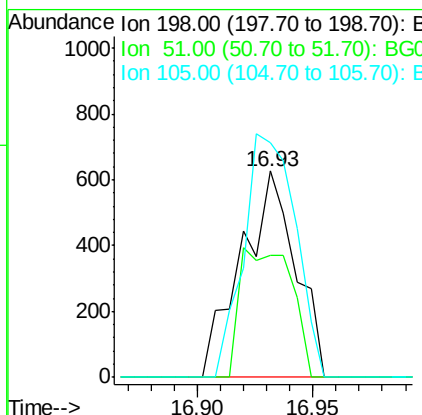
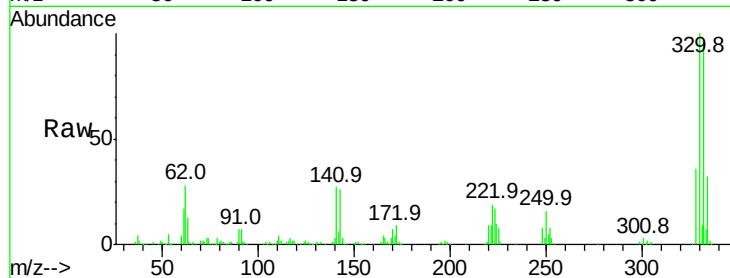




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.772 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. 0.38 min
 Lab File: BG031738.D
 Acq: 23 Dec 2017 8:17

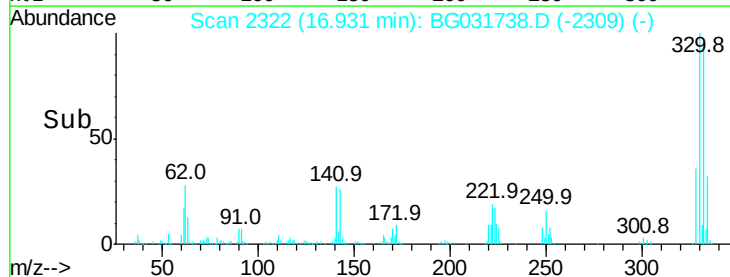
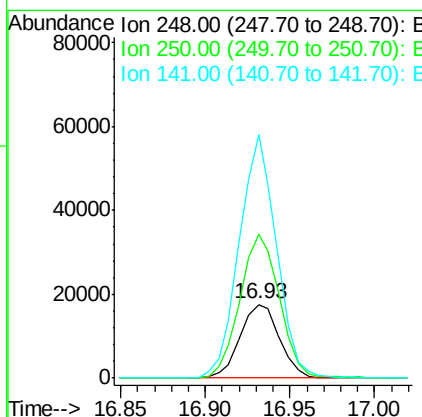
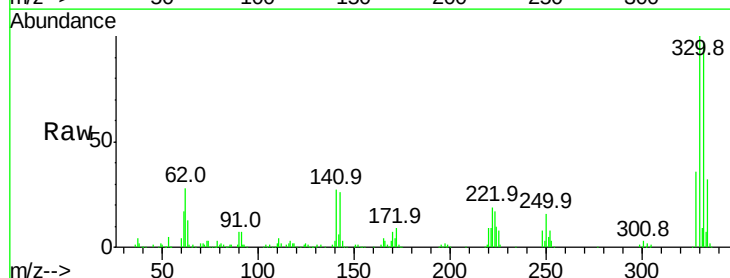
Instrument :
 BNA_G
 ClientSampled :
 FB-121917

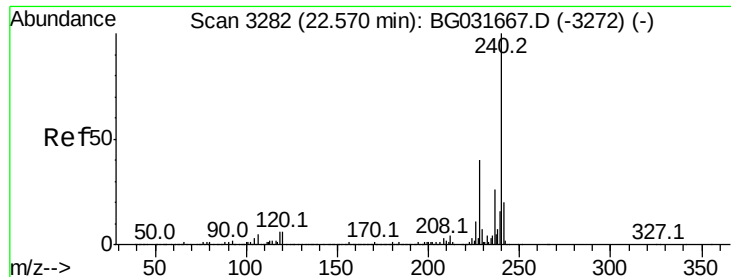
Tot Ion	Ratio	Lower	Upper
198	100		
51	59.1	30.6	70.6
105	113.7	23.8	63.8



#66
 4-Bromophenyl-phenylether
 Concen: 5.287 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.45 min
 Lab File: BG031738.D
 Acq: 23 Dec 2017 8:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.9	77.1	115.7#
141	329.3	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.02 min

Lab File: BG031738.D

Acq: 23 Dec 2017 8:17

Instrument :

BNA_G

ClientSampleId :

FB-121917

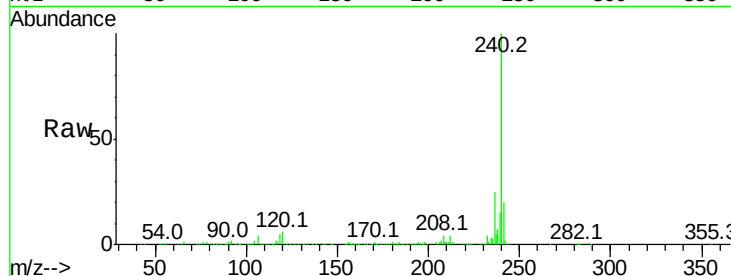
Tot Ion:240 Resp: 432498

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

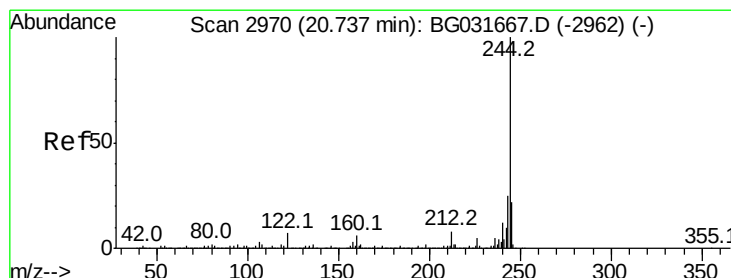
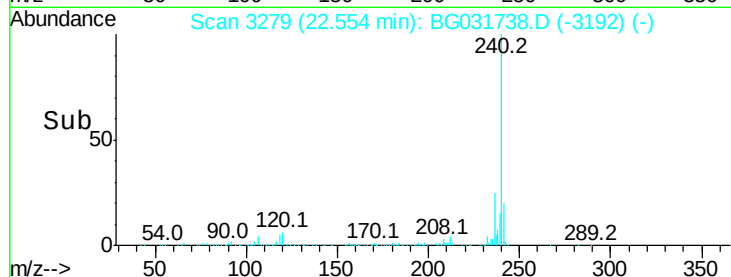
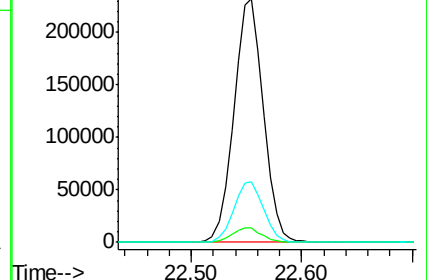
236 24.8 20.9 31.3



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: 99.725 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031738.D

Acq: 23 Dec 2017 8:17

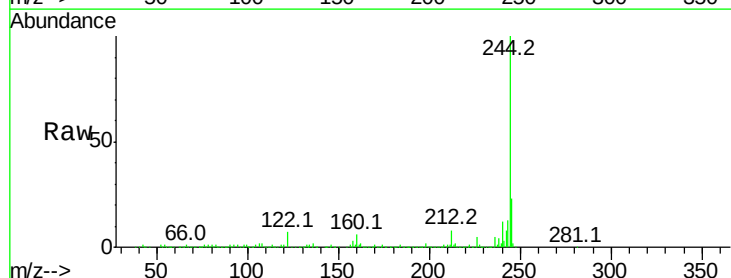
Tgt Ion:244 Resp: 1887862

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

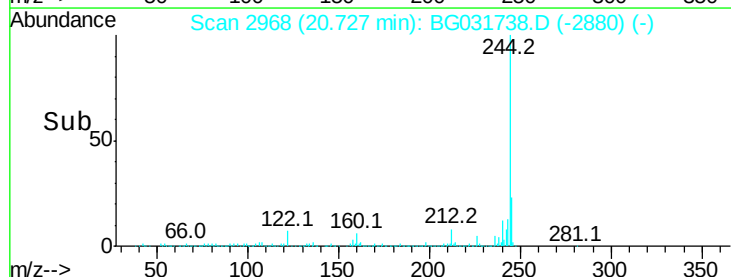
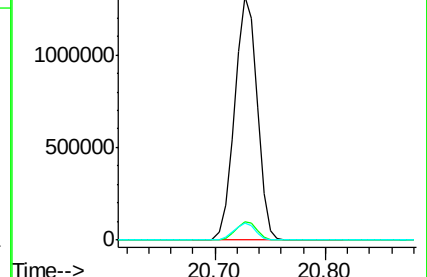
122 7.3 7.0 10.4

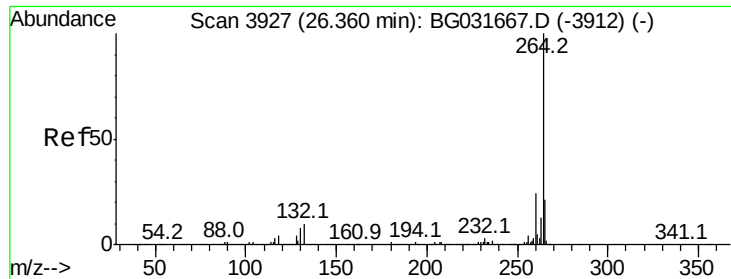


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

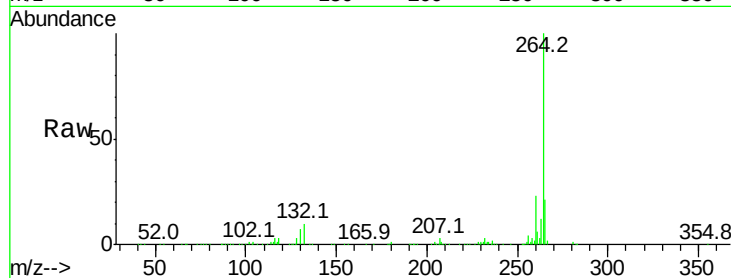




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.34 min Scan# 3924
 Delta R.T. -0.02 min
 Lab File: BG031738.D
 Acq: 23 Dec 2017 8:17

Instrument :
 BNA_G
 ClientSampleId :
 FB-121917

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.5	17.7	26.5



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

