

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033708.D
 Acq On : 10 Apr 2018 9:33
 Operator : SJ/JU
 Sample : PB108084BL
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 10:53:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

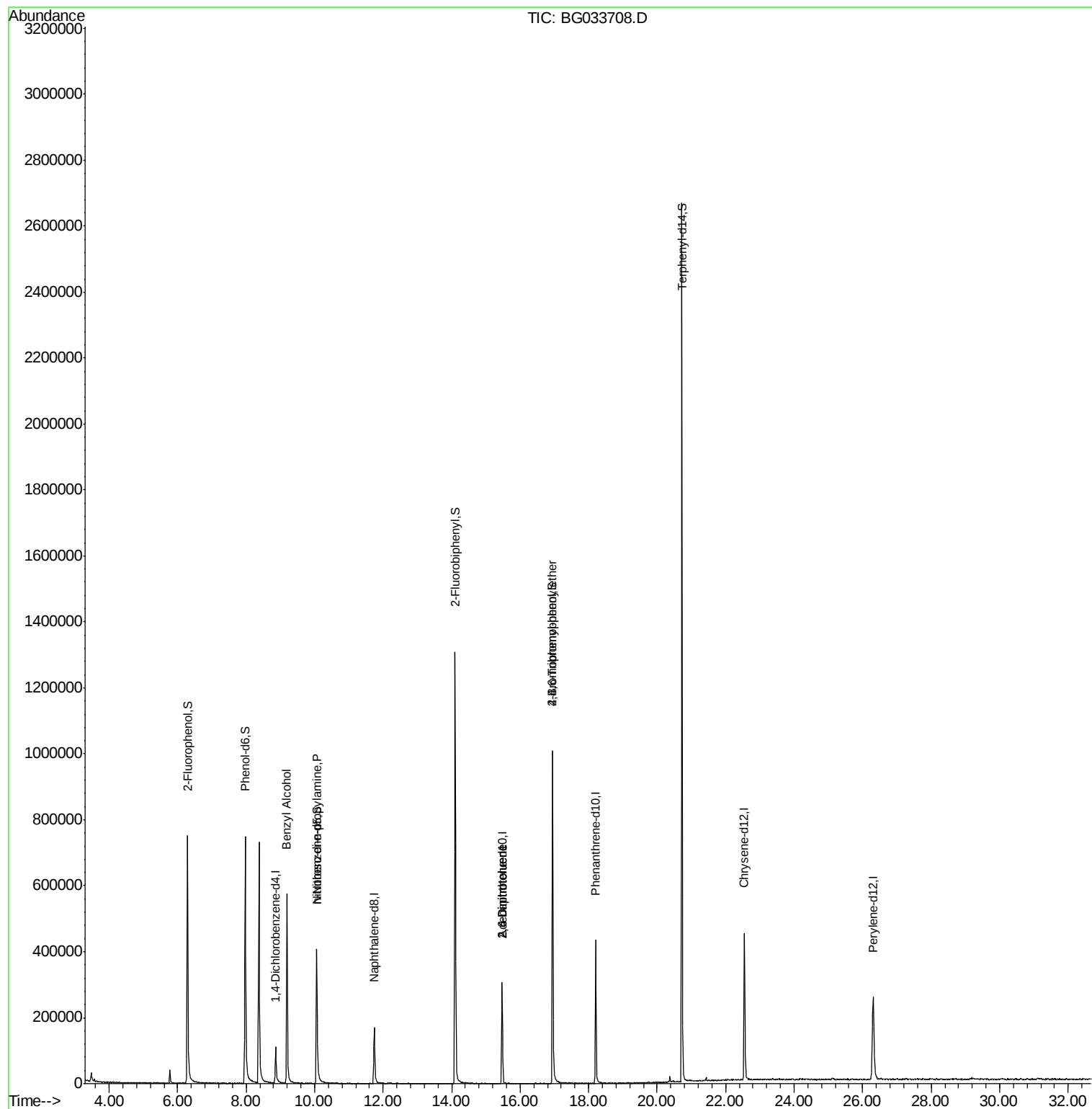
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	40270	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	169994	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	119999	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	326436	20.00	ng	0.00
75) Chrysene-d12	22.54	240	333509	20.00	ng	-0.02
86) Perylene-d12	26.30	264	354861	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	362947	169.00	ng	0.00
7) Phenol-d6	7.97	99	518168	140.42	ng	0.00
23) Nitrobenzene-d5	10.06	82	334029	90.28	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	204498	113.94	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	744745	89.60	ng	0.00
78) Terphenyl-d14	20.72	244	1365174	87.54	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6004	2.067	ng	# 50
19) n-Nitroso-di-n-propylamine	10.06	70	43814	16.204	ng	# 77
50) 2,6-Dinitrotoluene	15.47	165	14981	7.016	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	14981	4.765	ng	# 17
66) 4-Bromophenyl-phenylether	16.94	248	15076	3.932	ng	# 1

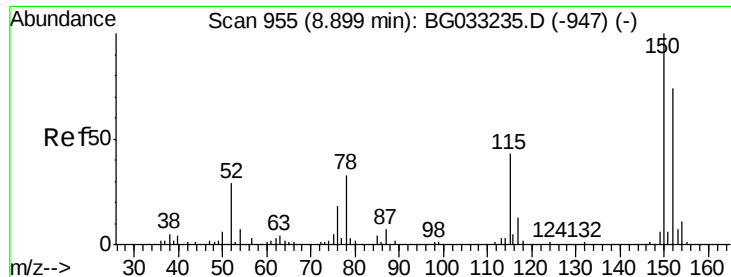
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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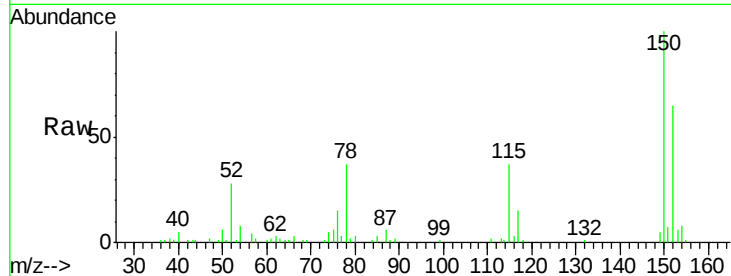


#1

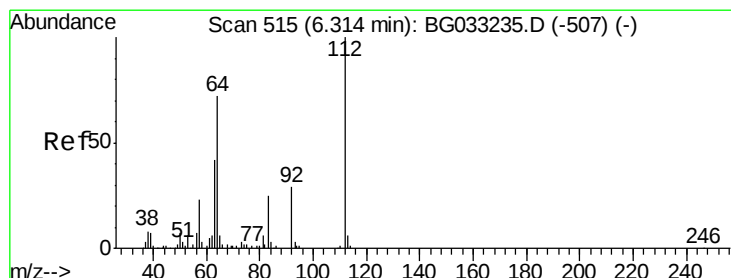
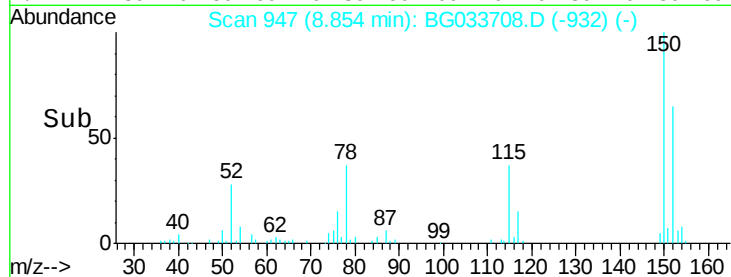
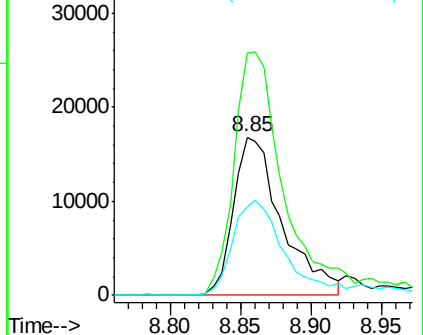
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG033708.D
Acq: 10 Apr 2018 9:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40270
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 56.1 53.0 79.4



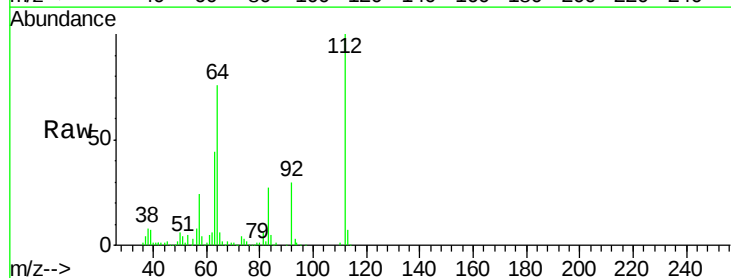
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



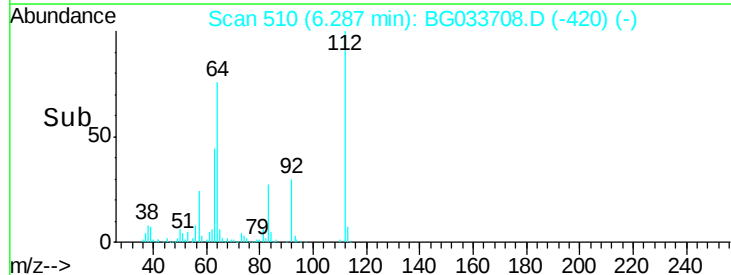
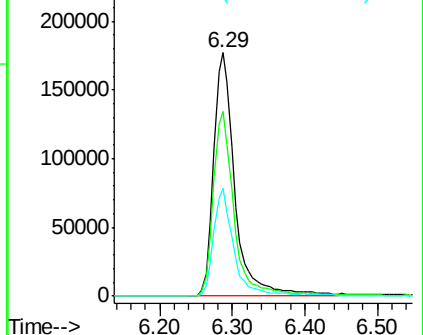
#5

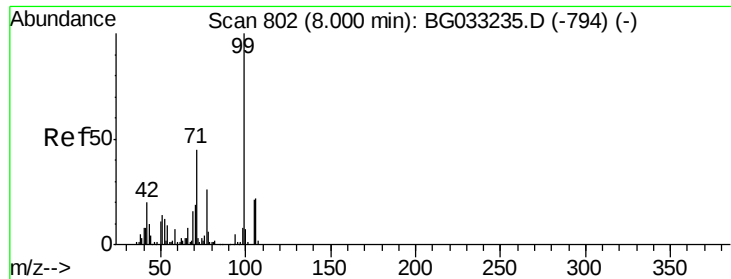
2-Fluorophenol
Concen: 169.002 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033708.D
Acq: 10 Apr 2018 9:33

Tgt Ion:112 Resp: 362947
Ion Ratio Lower Upper
112 100
64 75.8 56.3 84.5
63 44.2 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: 140.425 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033708.D

Acq: 10 Apr 2018 9:33

Instrument :

BNA_G

ClientSampleId :

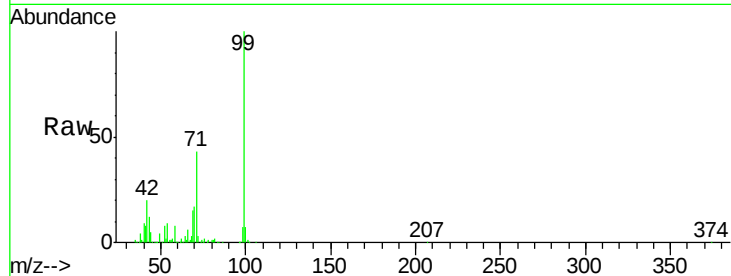
Tot Ion: 99 Resp: 518168

Ion Ratio Lower Upper

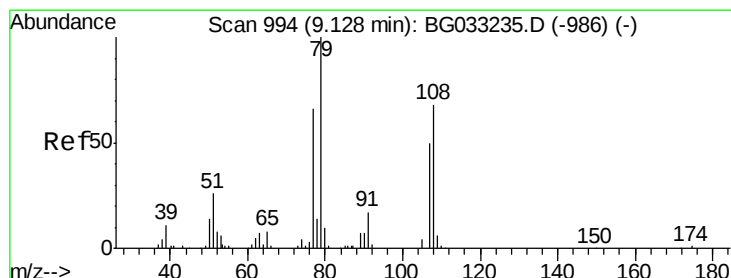
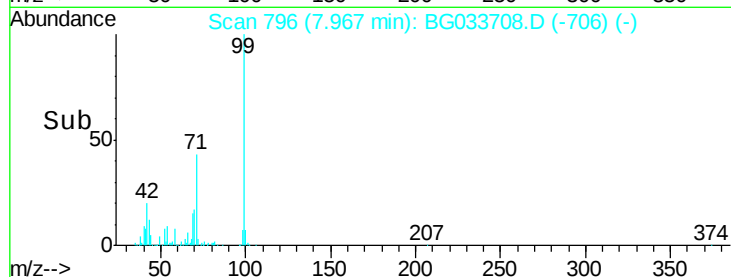
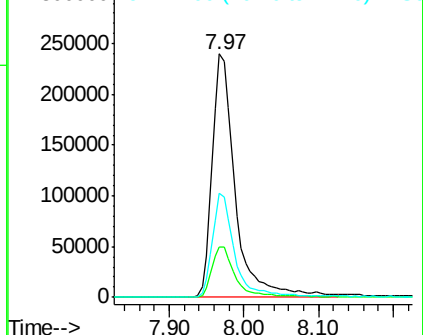
99 100

42 20.4 14.1 21.1

71 42.8 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.067 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033708.D

Acq: 10 Apr 2018 9:33

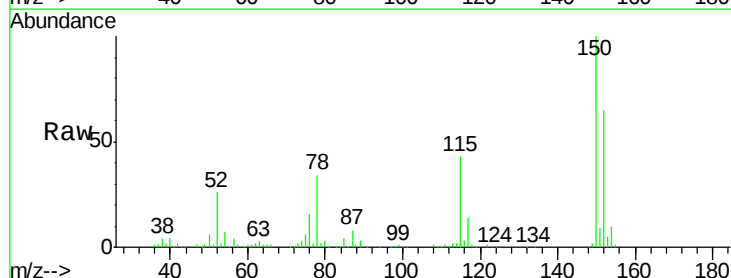
Tgt Ion: 79 Resp: 6004

Ion Ratio Lower Upper

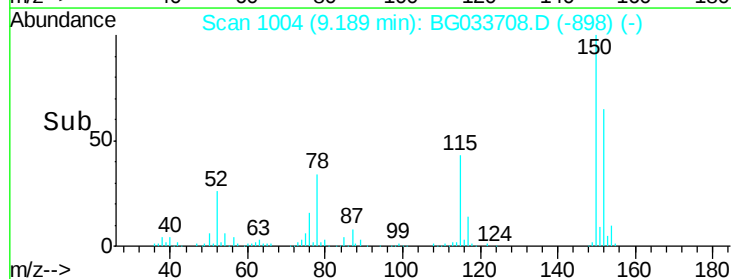
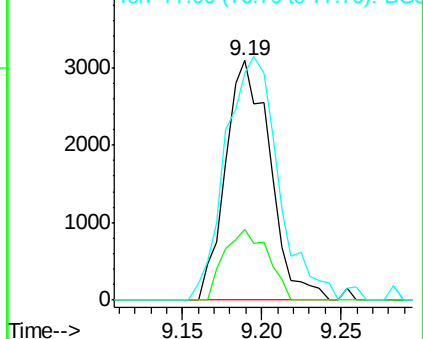
79 100

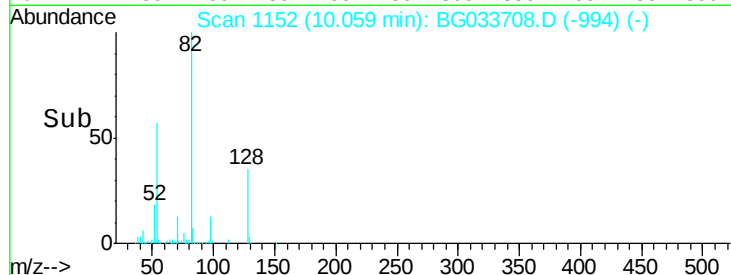
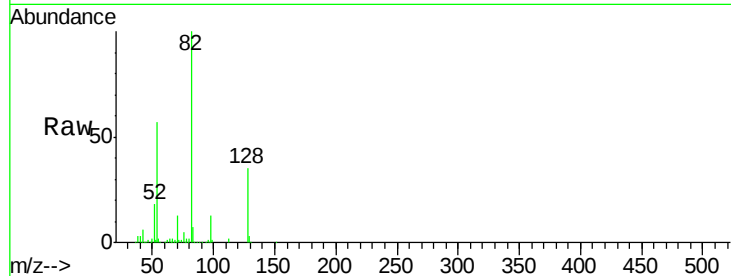
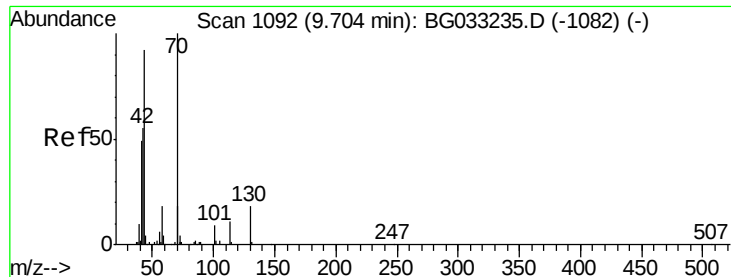
108 29.4 57.2 85.8#

77 94.6 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

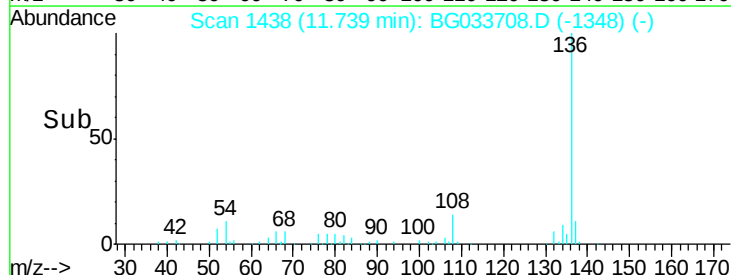
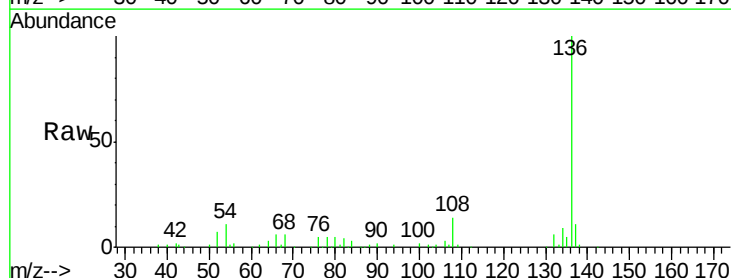
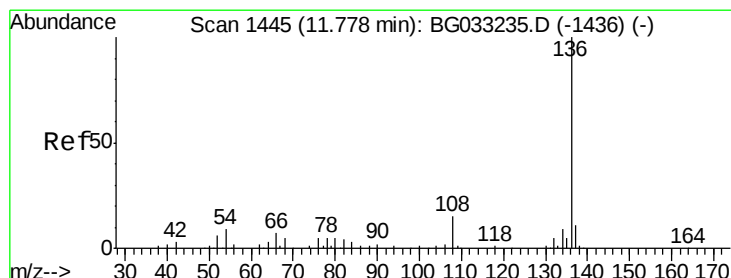
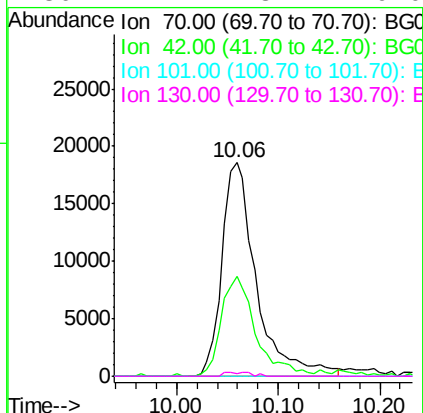




#19
n-Nitroso-di-n-propylamine
Concen: 16.204 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033708.D
Acq: 10 Apr 2018 9:33

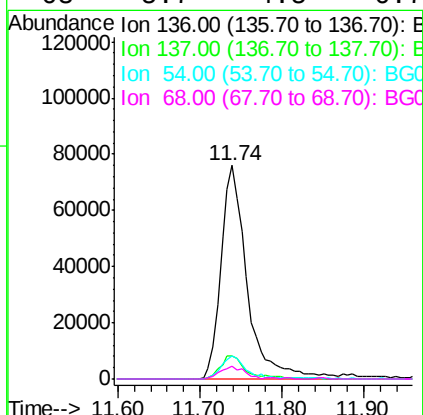
Instrument :
BNA_G
ClientSampleId :

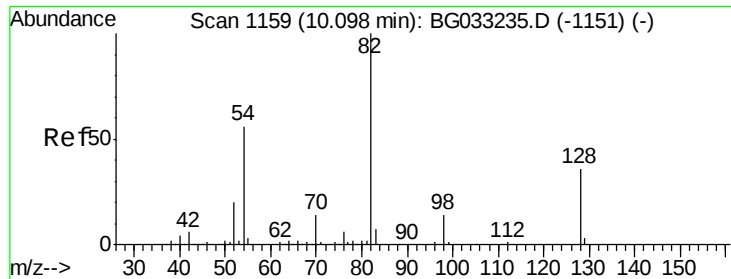
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.1	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033708.D
Acq: 10 Apr 2018 9:33

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	10.9	10.3	15.5
68	5.7	4.5	6.7

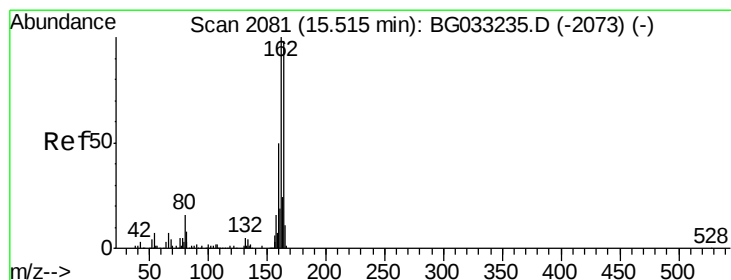
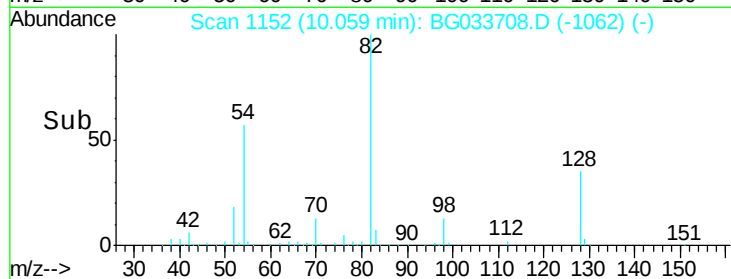
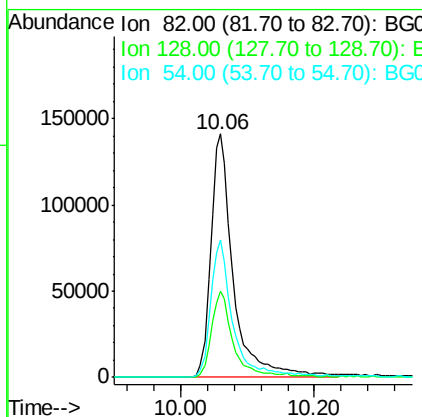
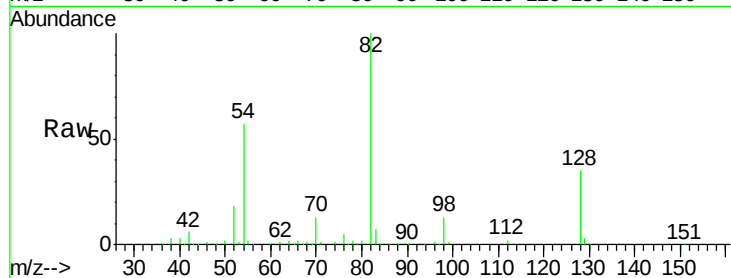




#23
 Nitrobenzene-d5
 Concen: 90.278 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033708.D
 Acq: 10 Apr 2018 9:33

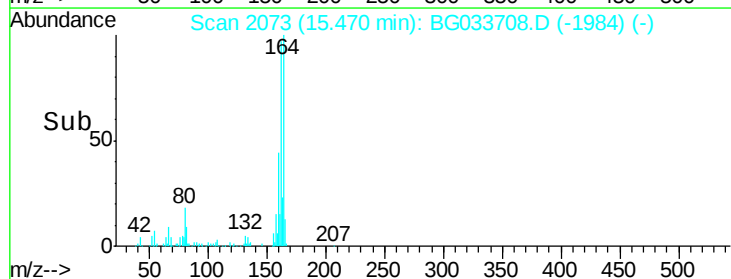
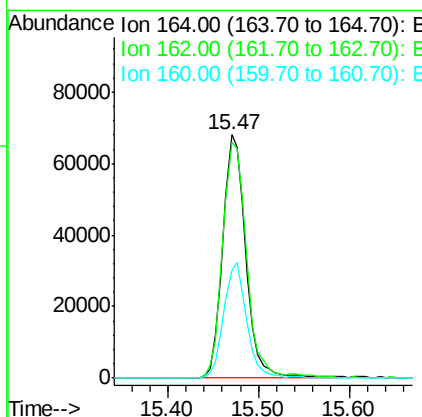
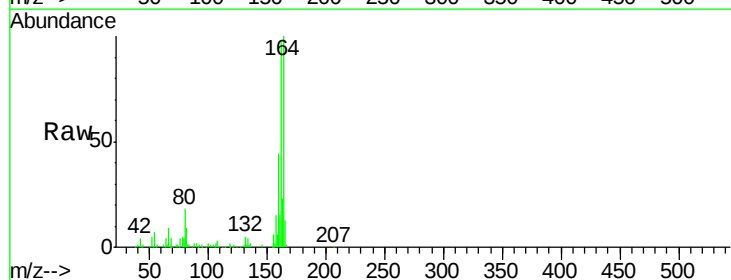
Instrument :
 BNA_G
 ClientSampleId :

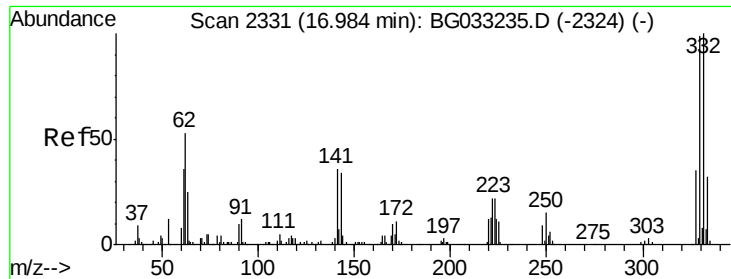
Tot Ion: 82 Resp: 334029
 Ion Ratio Lower Upper
 82 100
 128 35.2 29.7 44.5
 54 56.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033708.D
 Acq: 10 Apr 2018 9:33

Tgt Ion:164 Resp: 119999
 Ion Ratio Lower Upper
 164 100
 162 96.8 78.8 118.2
 160 44.1 35.4 53.0

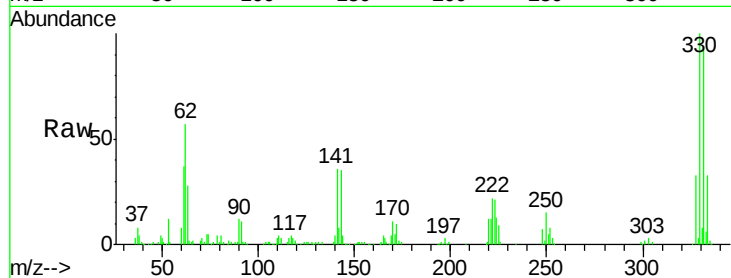




#41
 2,4,6-Tribromophenol
 Concen: 113.944 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033708.D
 Acq: 10 Apr 2018 9:33

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.0	115.6
141	38.2	25.2	37.8#

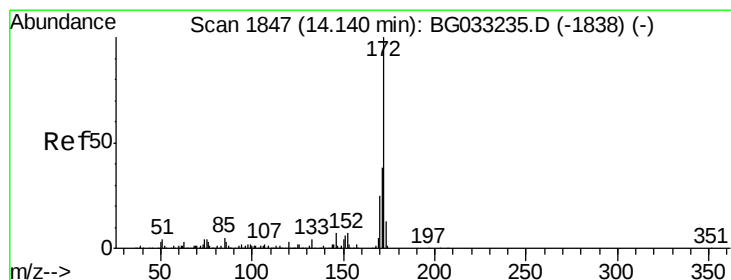
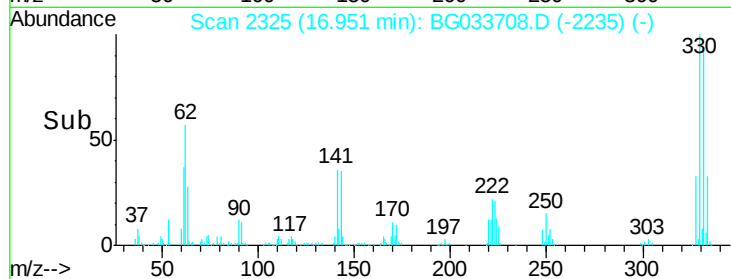
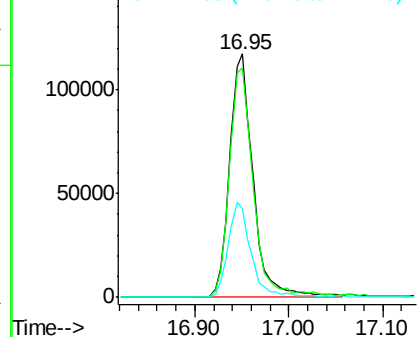


Abundance

Ion 329.80 (329.50 to 330.50): E

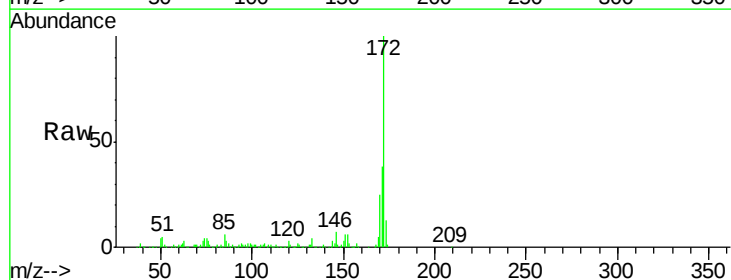
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.596 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033708.D
 Acq: 10 Apr 2018 9:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.8	19.5	29.3

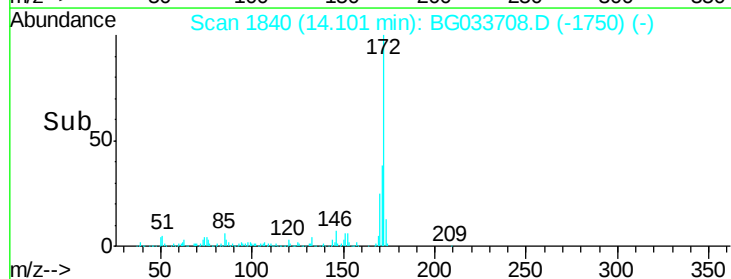
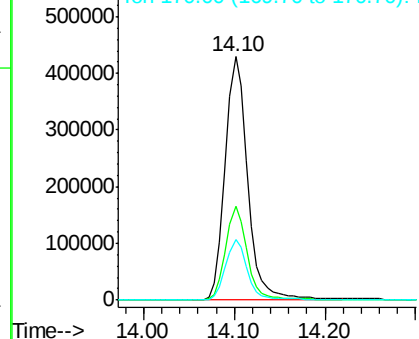


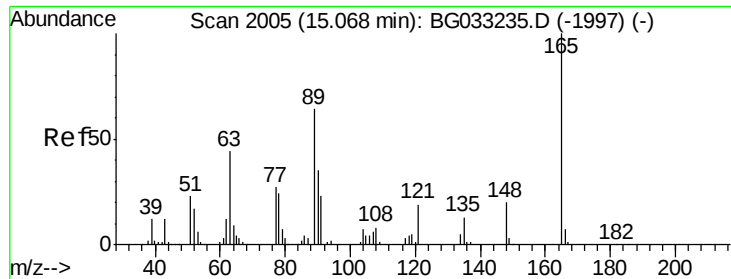
Abundance

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

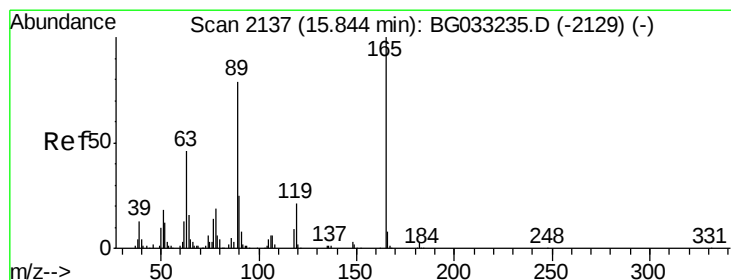
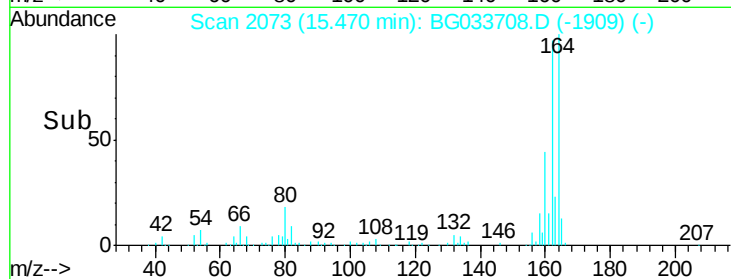
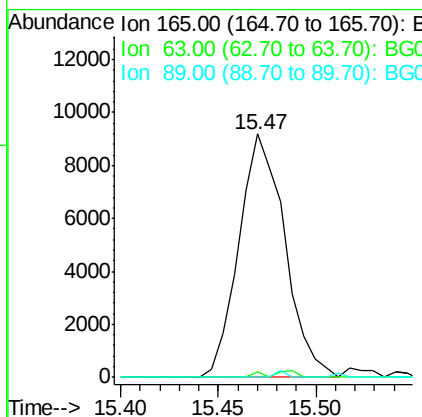
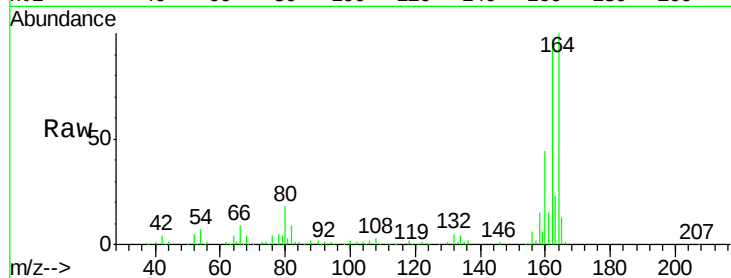




#50
2,6-Dinitrotoluene
Concen: 7.016 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.43 min
Lab File: BG033708.D
Acq: 10 Apr 2018 9:33

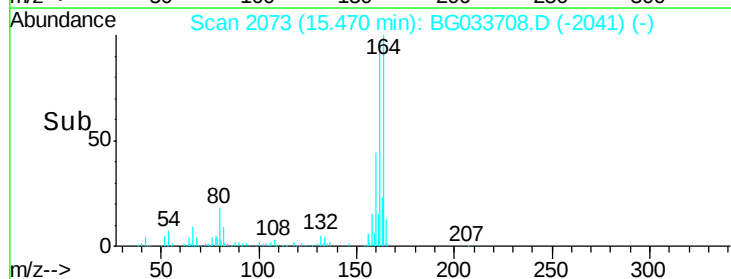
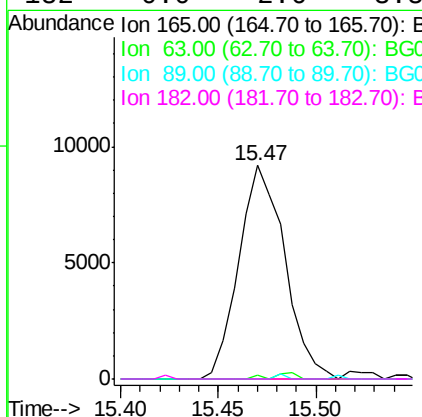
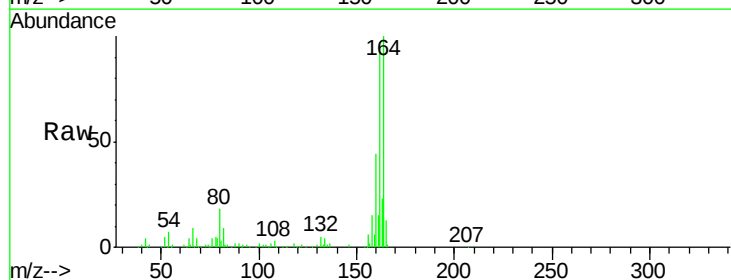
Instrument :
BNA_G
ClientSampleId :

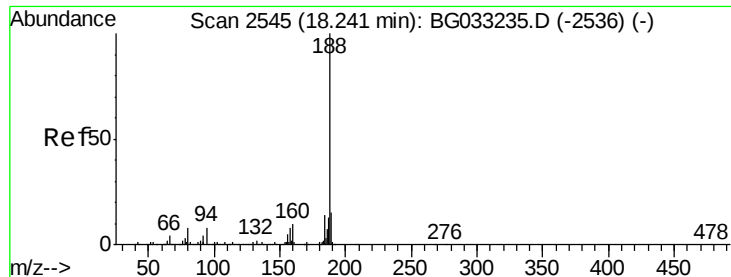
Tot Ion:165 Resp: 14981
Ion Ratio Lower Upper
165 100
63 2.1 52.7 79.1#
89 0.0 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 4.765 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.34 min
Lab File: BG033708.D
Acq: 10 Apr 2018 9:33

Tgt Ion:165 Resp: 14981
Ion Ratio Lower Upper
165 100
63 2.1 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BG033708.D

Acq: 10 Apr 2018 9:33

Instrument :

BNA_G

ClientSampleId :

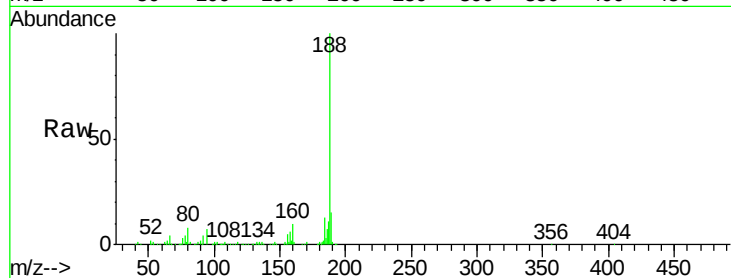
Tot Ion:188 Resp: 326436

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

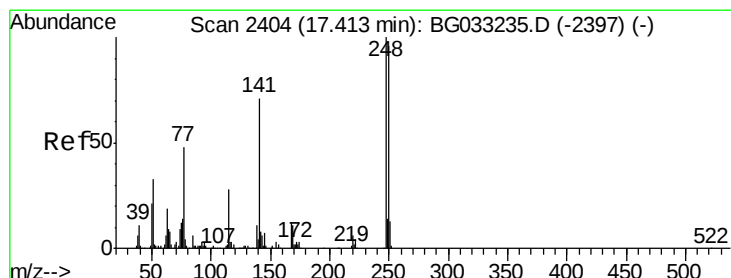
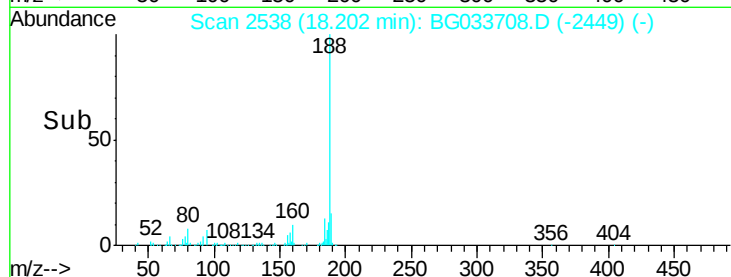
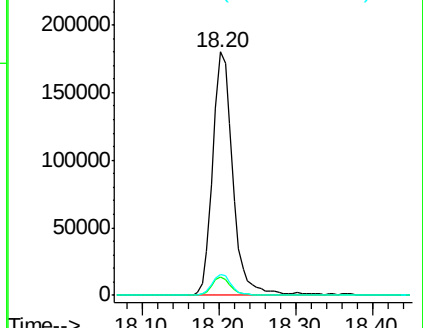
80 8.4 7.7 11.5



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



#66

4-Bromophenyl-phenylether

Concen: 3.932 ng

RT: 16.94 min Scan# 2324

Delta R.T. -0.44 min

Lab File: BG033708.D

Acq: 10 Apr 2018 9:33

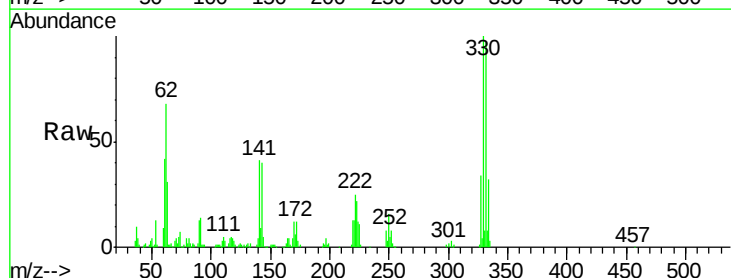
Tgt Ion:248 Resp: 15076

Ion Ratio Lower Upper

248 100

250 187.9 77.1 115.7#

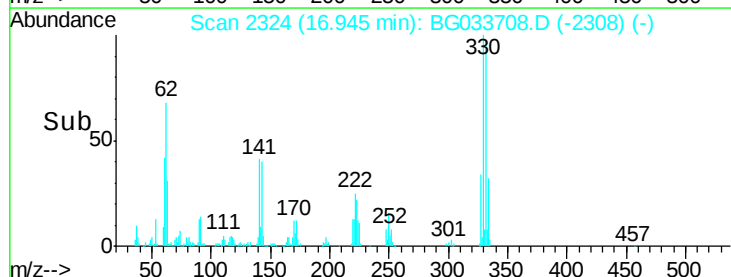
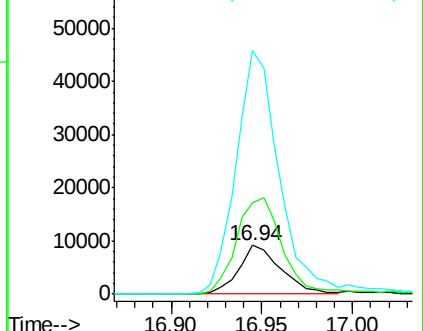
141 498.8 50.8 76.2#

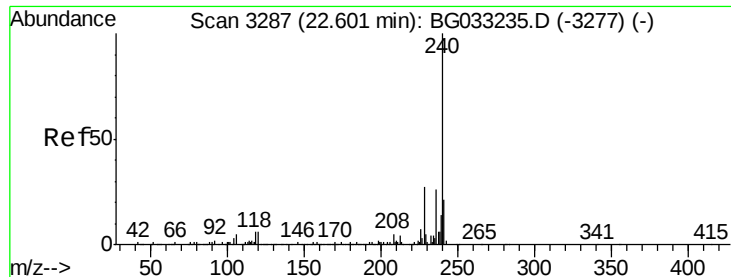


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.54 min Scan# 3277

Delta R.T. -0.02 min

Lab File: BG033708.D

Acq: 10 Apr 2018 9:33

Instrument :

BNA_G

ClientSampleId :

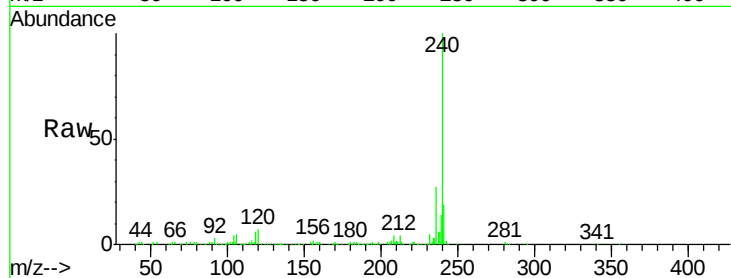
Tot Ion:240 Resp: 333509

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2

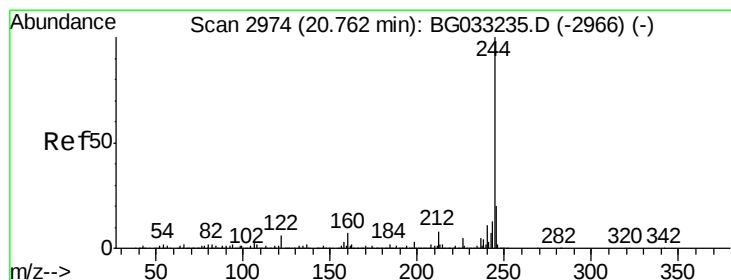
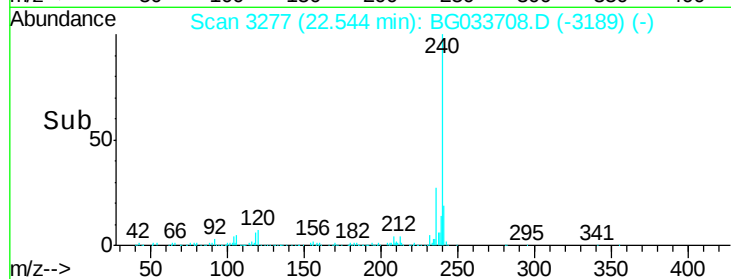
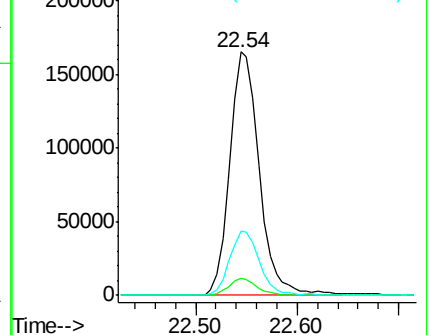
236 26.5 20.9 31.3



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: 87.541 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033708.D

Acq: 10 Apr 2018 9:33

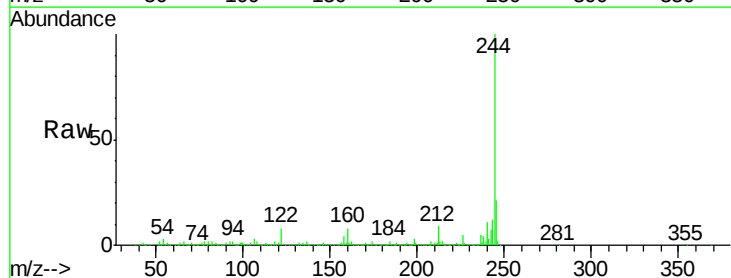
Tgt Ion:244 Resp: 1365174

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

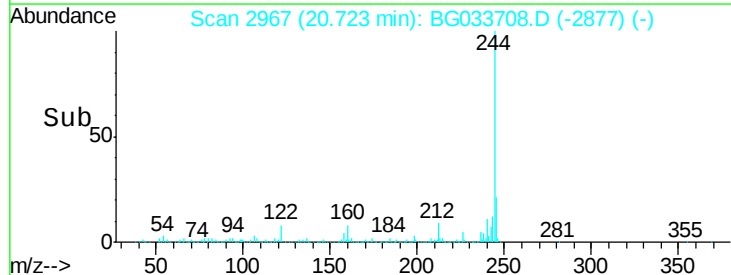
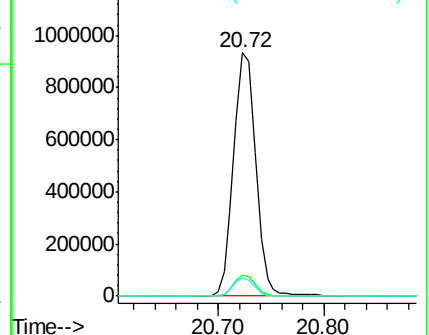
122 7.8 7.0 10.4

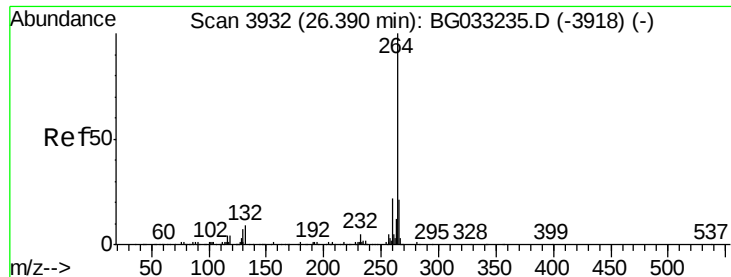


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

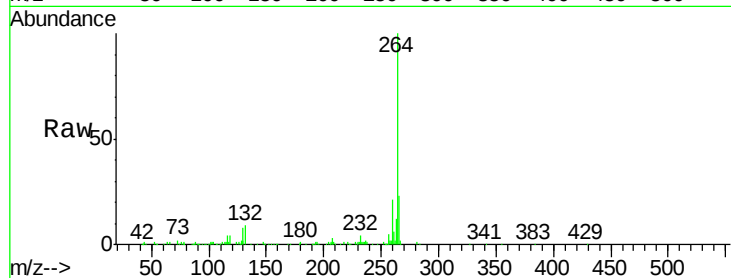




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.30 min Scan# 3917
Delta R.T. -0.02 min
Lab File: BG033708.D
Acq: 10 Apr 2018 9:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.6	17.4	26.0
265	23.3	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

