

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033736.D
 Acq On : 11 Apr 2018 6:54
 Operator : SJ/JU
 Sample : J2304-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 11 07:57:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

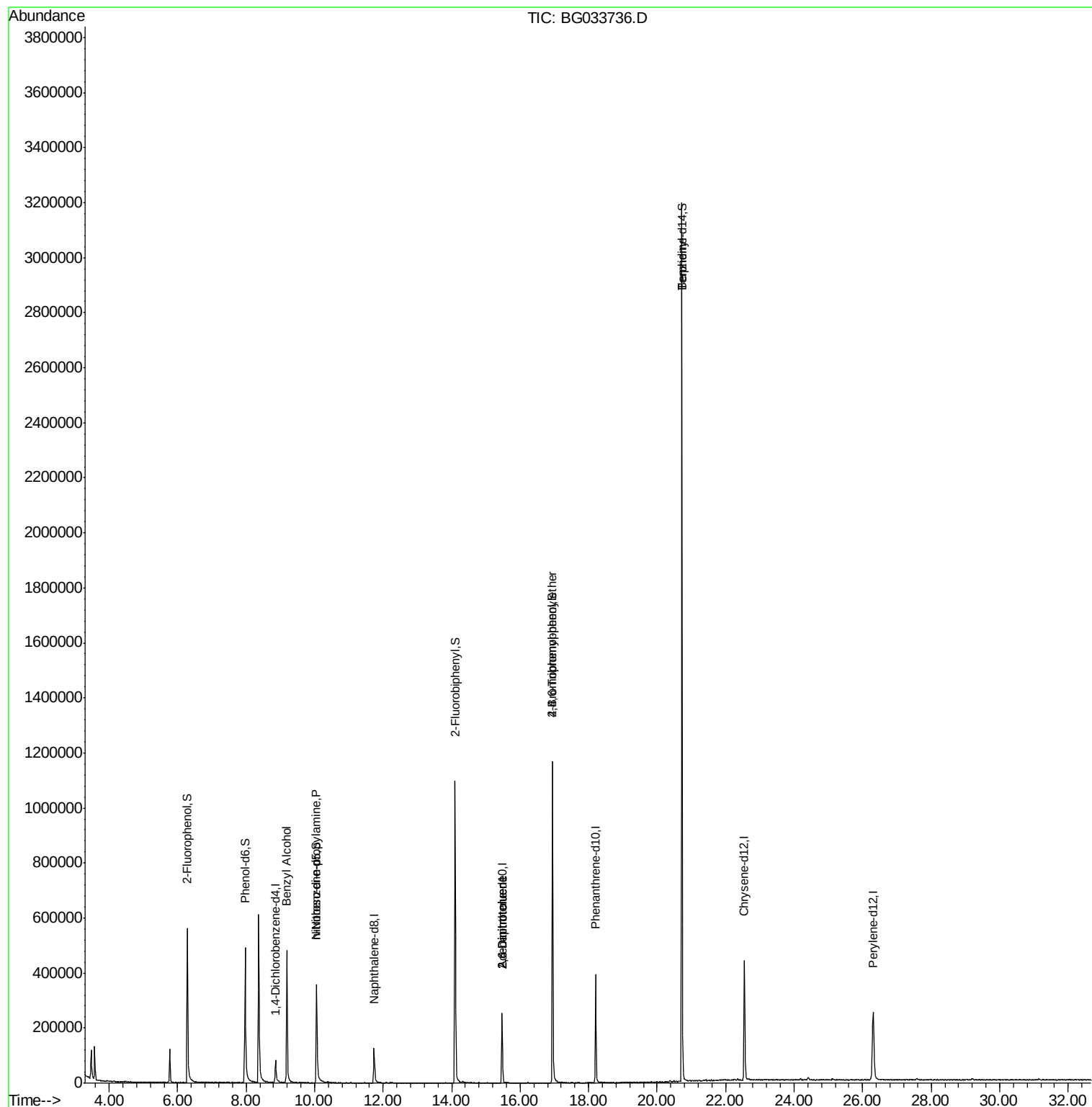
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31465	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	124662	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	92972	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	283864	20.00	ng	0.00
75) Chrysene-d12	22.54	240	328520	20.00	ng	0.00
86) Perylene-d12	26.31	264	346696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	267744	159.56	ng	0.00
7) Phenol-d6	7.97	99	354899	123.09	ng	0.00
23) Nitrobenzene-d5	10.05	82	287589	105.99	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	228428	164.28	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	647442	100.53	ng	0.00
78) Terphenyl-d14	20.72	244	1571780	102.32	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5682	2.503	ng	# 56
19) n-Nitroso-di-n-propylamine	10.05	70	40087	18.974	ng	# 82
50) 2,6-Dinitrotoluene	15.47	165	12245	7.401	ng	# 18
56) 2,4-Dinitrotoluene	15.47	165	12245	5.027	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	17713	5.313	ng	# 1
76) Benzidine	20.72	184	27329	3.068	ng	# 94

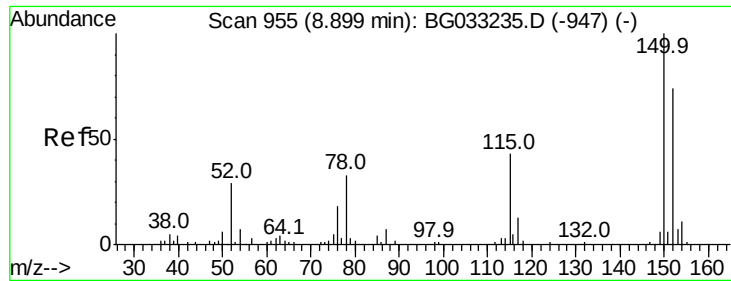
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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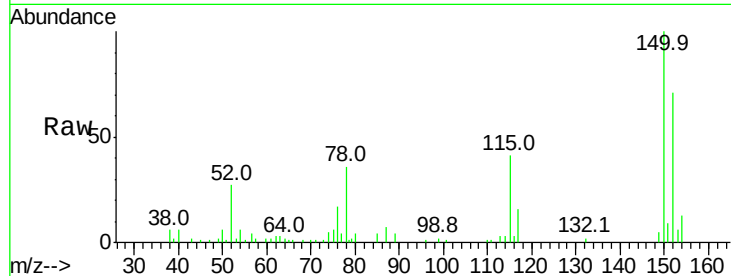


#1

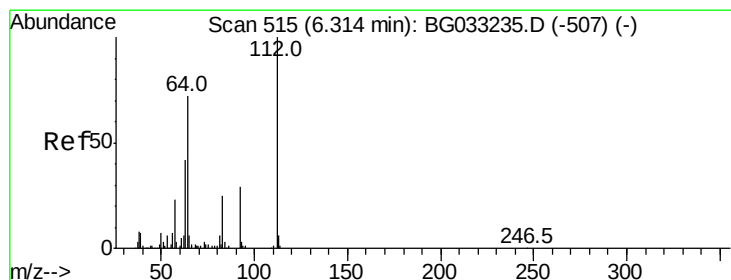
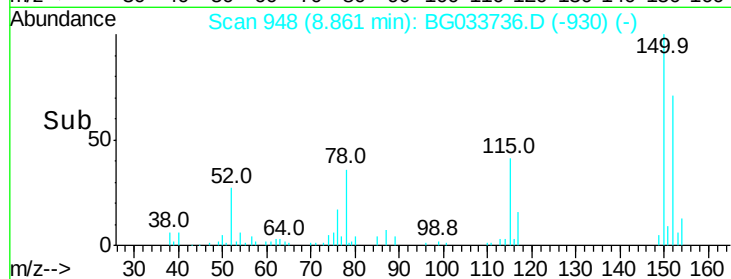
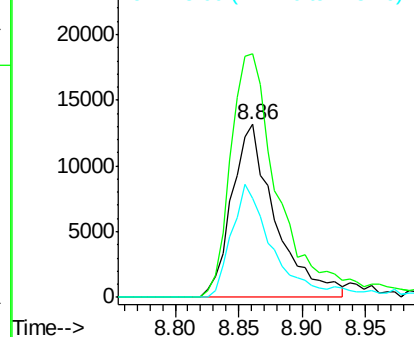
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033736.D
Acq: 11 Apr 2018 6:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 31465
Ion Ratio Lower Upper
152 100
150 141.0 126.6 189.8
115 57.5 53.0 79.4



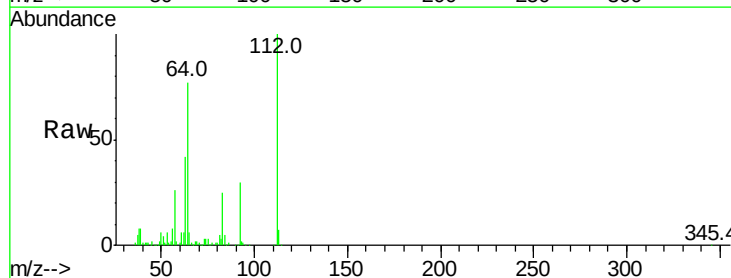
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



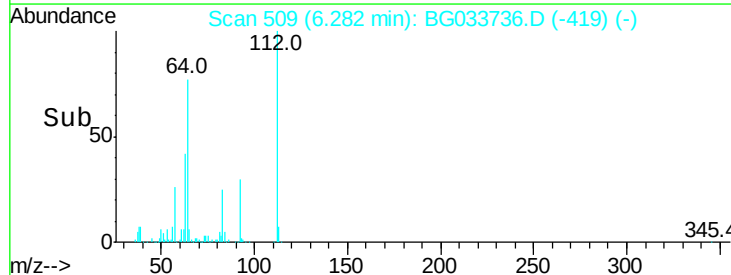
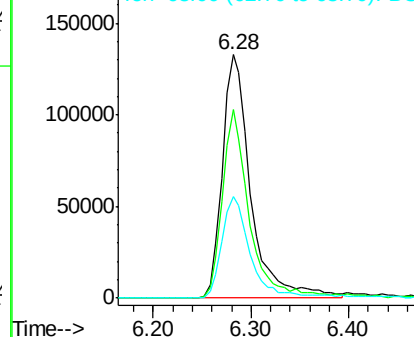
#5

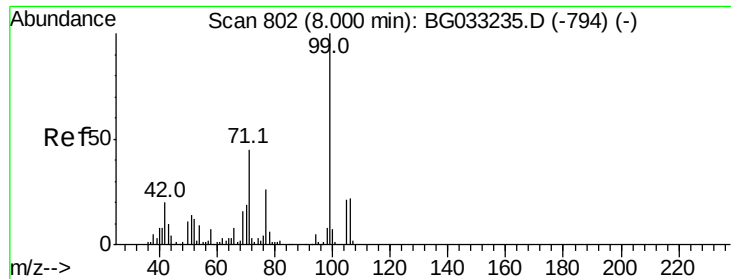
2-Fluorophenol
Concen: 159.559 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033736.D
Acq: 11 Apr 2018 6:54

Tgt Ion:112 Resp: 267744
Ion Ratio Lower Upper
112 100
64 77.4 56.3 84.5
63 41.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 123.092 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033736.D

Acq: 11 Apr 2018 6:54

Instrument :

BNA_G

ClientSampleId :

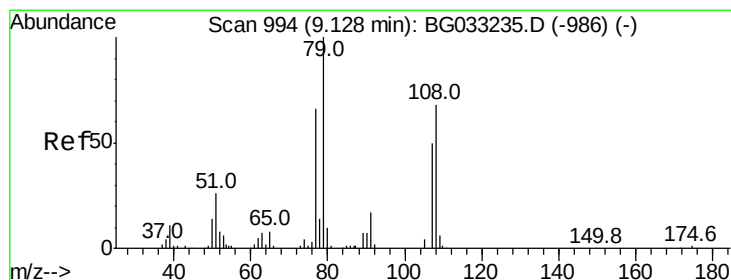
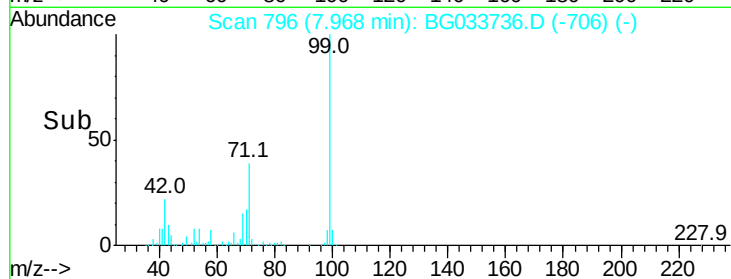
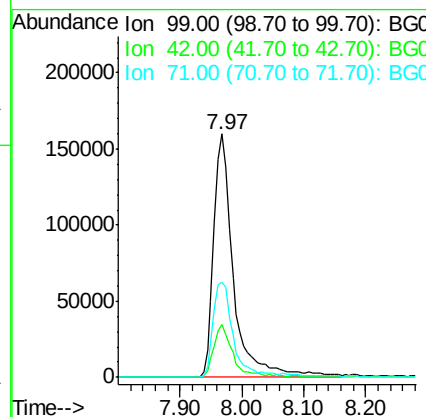
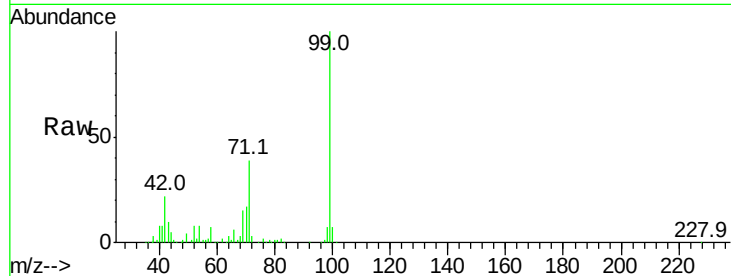
Tot Ion: 99 Resp: 354899

Ion Ratio Lower Upper

99 100

42 21.9 14.1 21.1#

71 39.0 26.1 39.1



#15

Benzyl Alcohol

Concen: 2.503 ng

RT: 9.20 min Scan# 1005

Delta R.T. 0.10 min

Lab File: BG033736.D

Acq: 11 Apr 2018 6:54

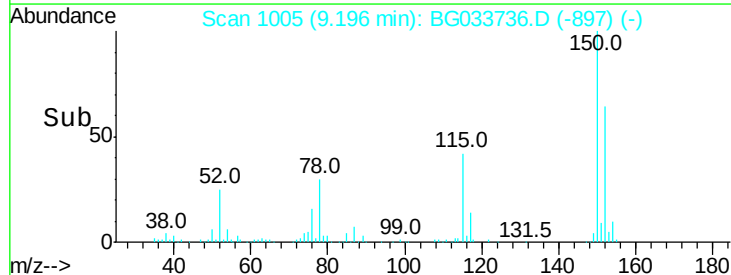
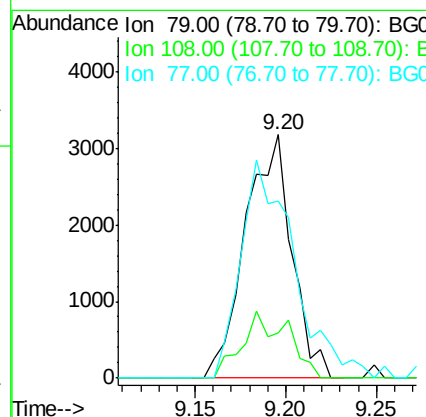
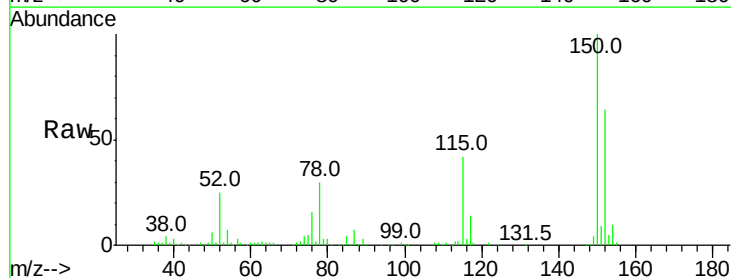
Tgt Ion: 79 Resp: 5682

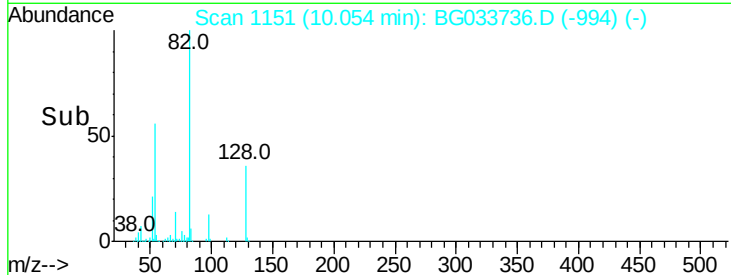
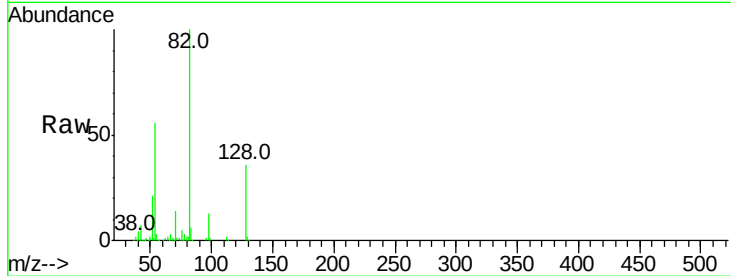
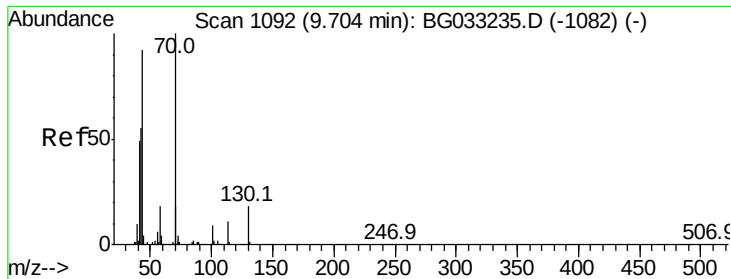
Ion Ratio Lower Upper

79 100

108 18.8 57.2 85.8#

77 72.6 46.1 69.1#

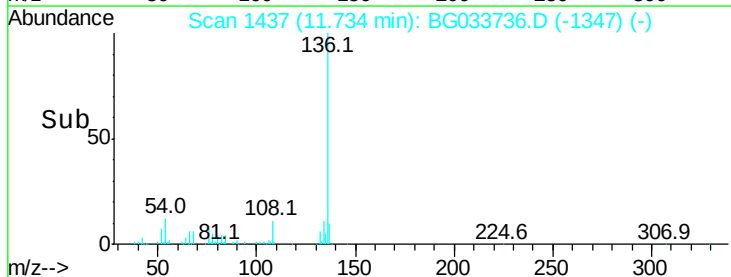
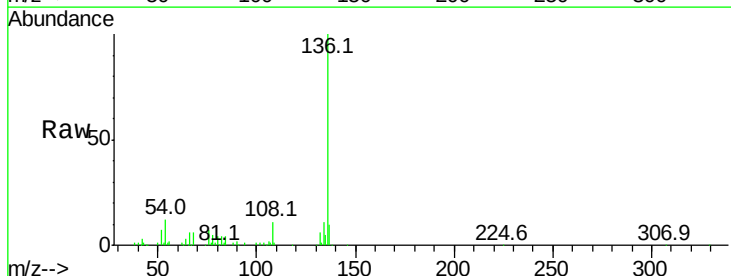
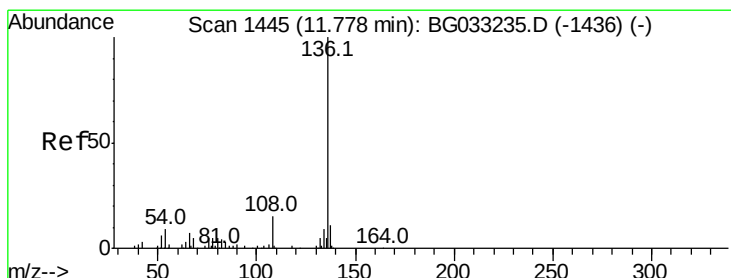
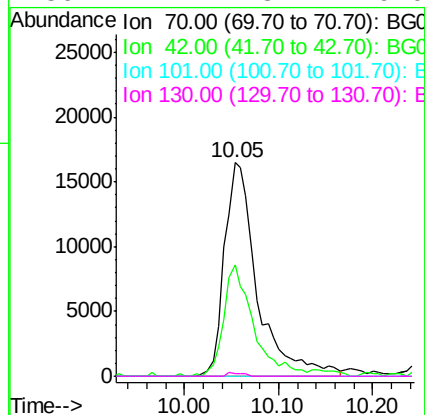




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.974 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. 0.39 min
 Lab File: BG033736.D
 Acq: 11 Apr 2018 6:54

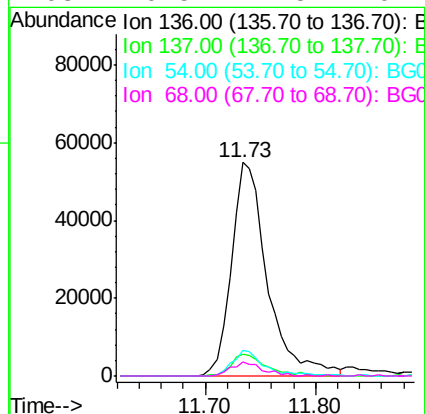
Instrument :
 BNA_G
 ClientSampled :

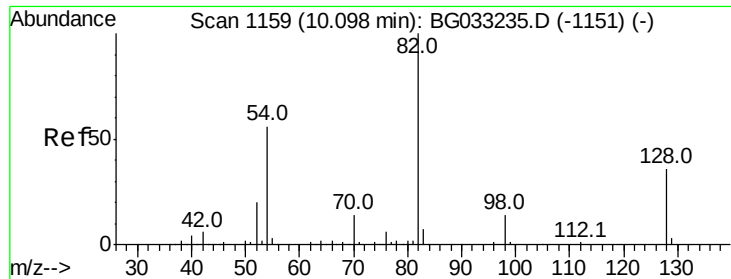
Tot Ion:	70	Resp:	40087
Ion	Ratio	Lower	Upper
70	100		
42	52.1	49.1	73.7
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.73 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BG033736.D
 Acq: 11 Apr 2018 6:54

Tgt Ion:	136	Resp:	124662
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	11.7	10.3	15.5
68	6.5	4.5	6.7

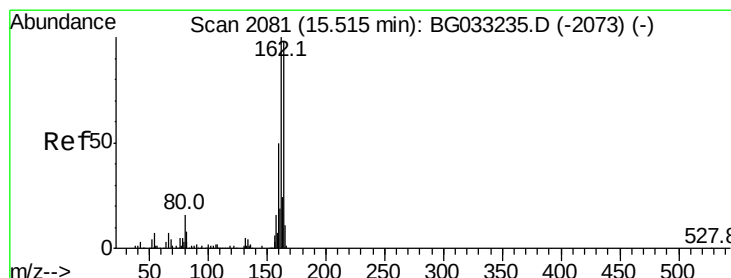
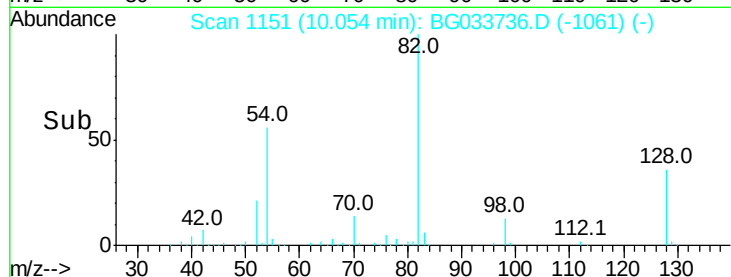
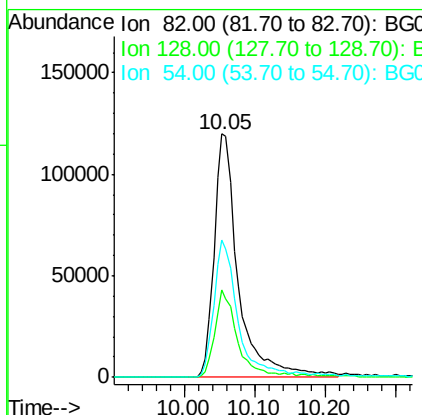
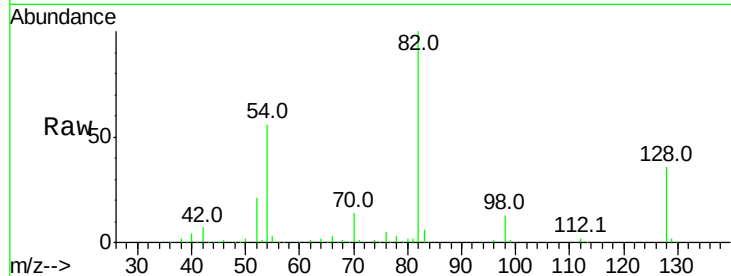




#23
 Nitrobenzene-d5
 Concen: 105.991 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033736.D
 Acq: 11 Apr 2018 6:54

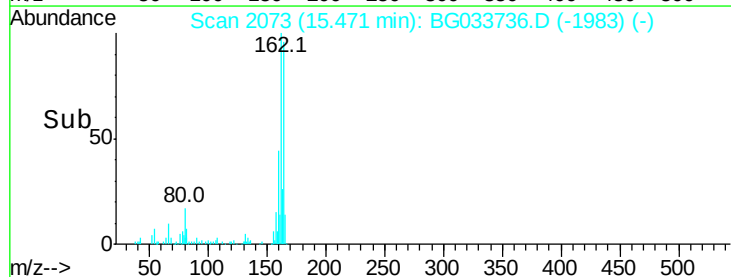
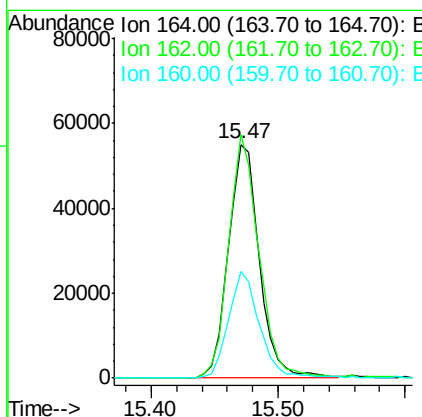
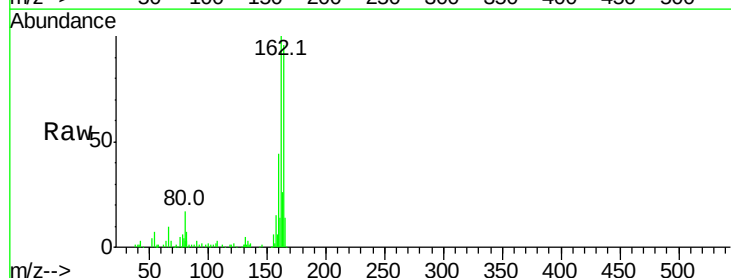
Instrument :
 BNA_G
 ClientSampleId :

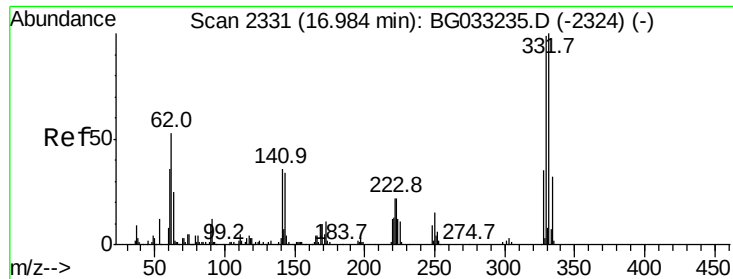
Tot Ion: 82 Resp: 287589
 Ion Ratio Lower Upper
 82 100
 128 36.2 29.7 44.5
 54 56.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033736.D
 Acq: 11 Apr 2018 6:54

Tgt Ion:164 Resp: 92972
 Ion Ratio Lower Upper
 164 100
 162 104.1 78.8 118.2
 160 45.6 35.4 53.0

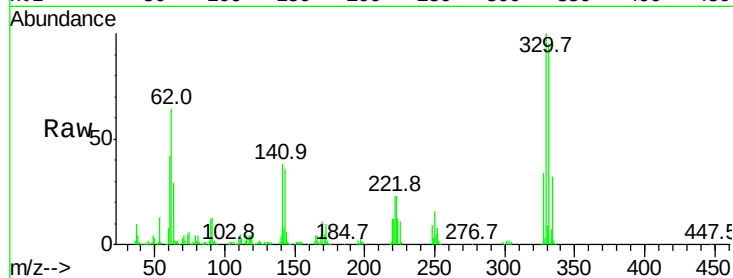




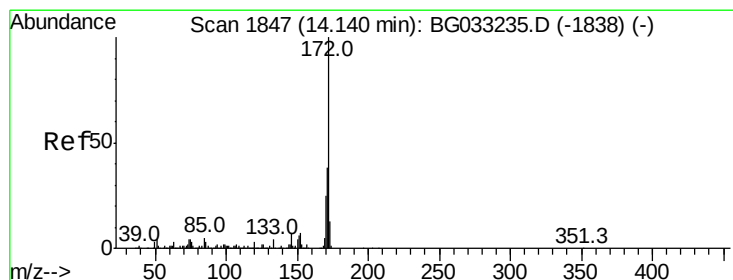
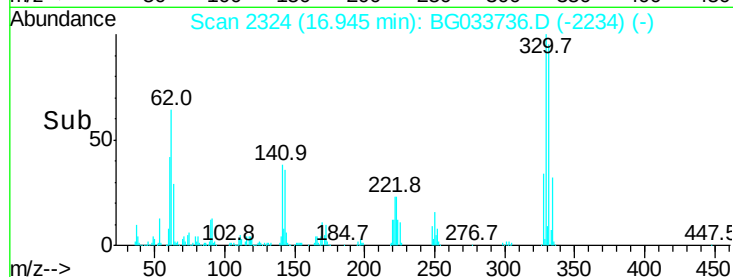
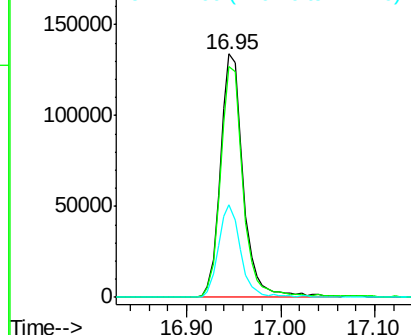
#41
 2,4,6-Tribromophenol
 Concen: 164.277 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033736.D
 Acq: 11 Apr 2018 6:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 228428
 Ion Ratio Lower Upper
 330 100
 332 93.0 77.0 115.6
 141 36.9 25.2 37.8

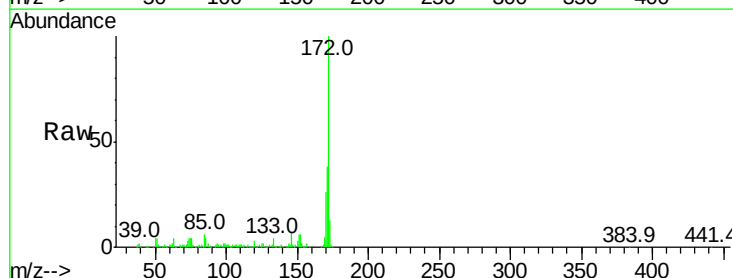


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

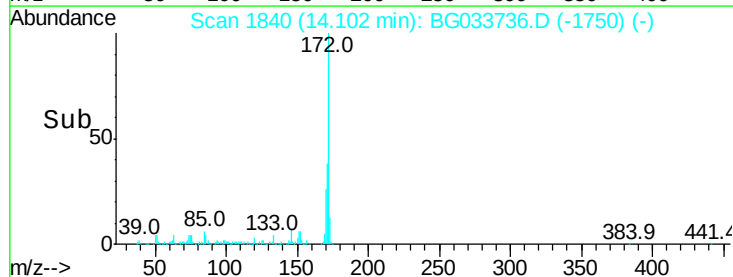
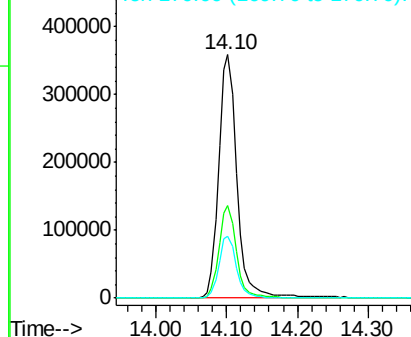


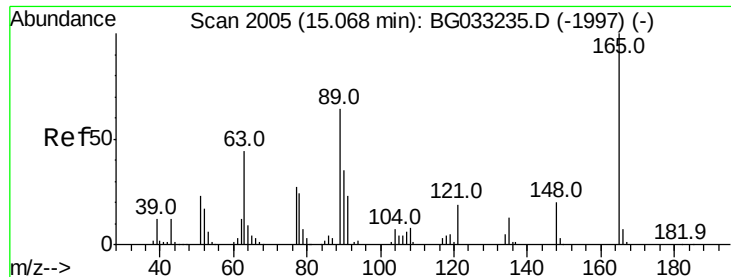
#44
 2-Fluorobiphenyl
 Concen: 100.532 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033736.D
 Acq: 11 Apr 2018 6:54

Tgt Ion:172 Resp: 647442
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 25.6 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

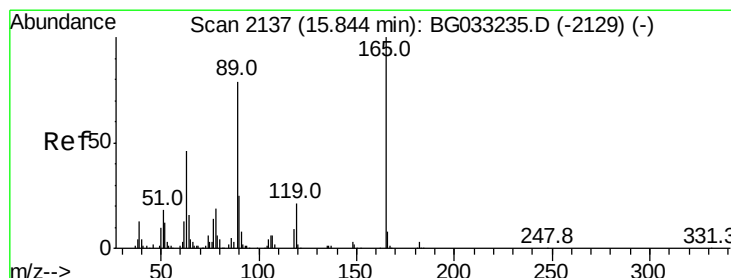
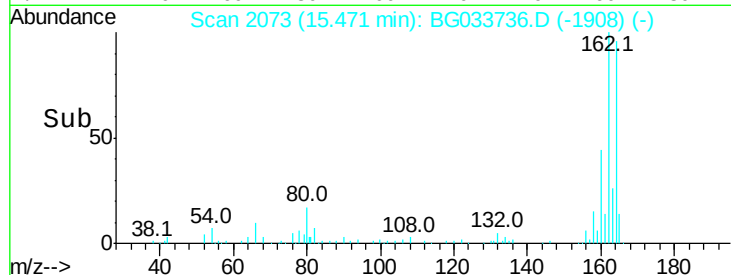
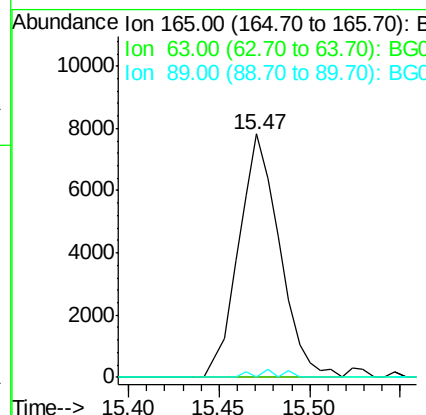
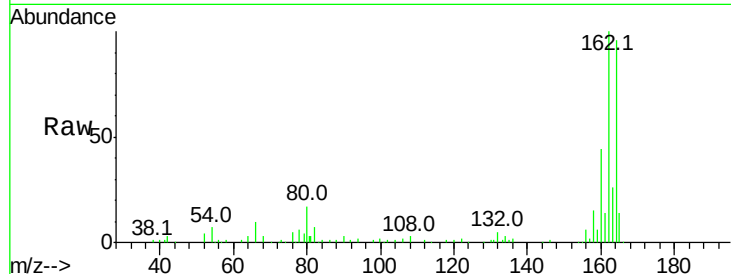




#50
2,6-Dinitrotoluene
Concen: 7.401 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.44 min
Lab File: BG033736.D
Acq: 11 Apr 2018 6:54

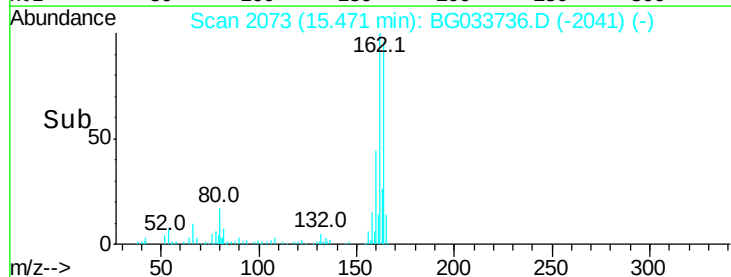
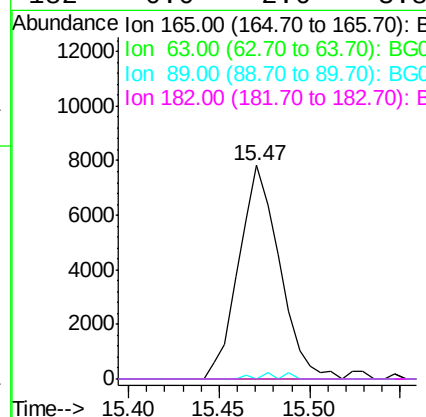
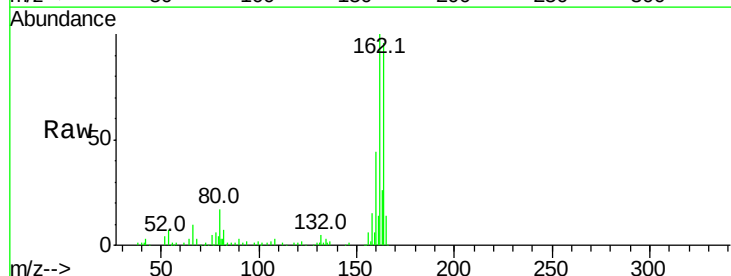
Instrument :
BNA_G
ClientSampleId :

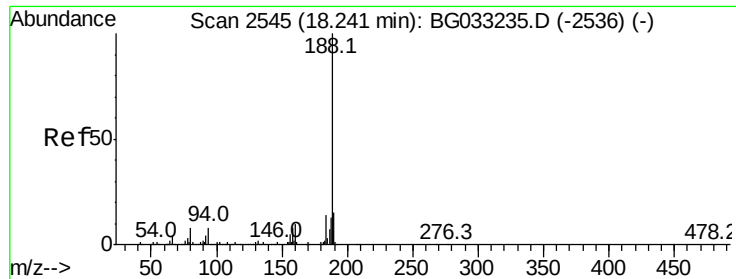
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



#56
2,4-Dinitrotoluene
Concen: 5.027 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.34 min
Lab File: BG033736.D
Acq: 11 Apr 2018 6:54

Tgt 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#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG033736.D

Acq: 11 Apr 2018 6:54

Instrument :

BNA_G

ClientSampleId :

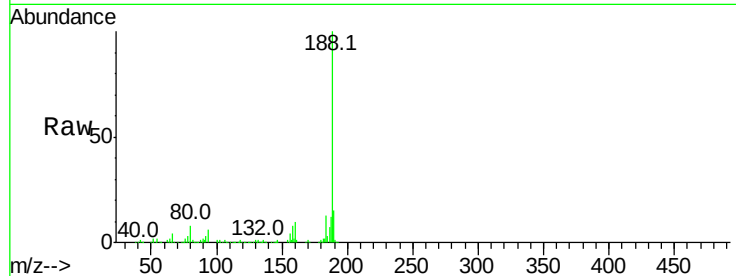
Tot Ion:188 Resp: 283864

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

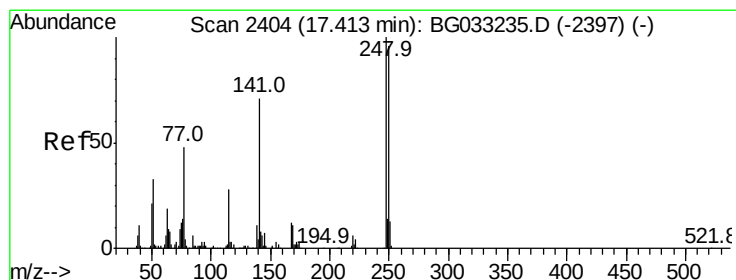
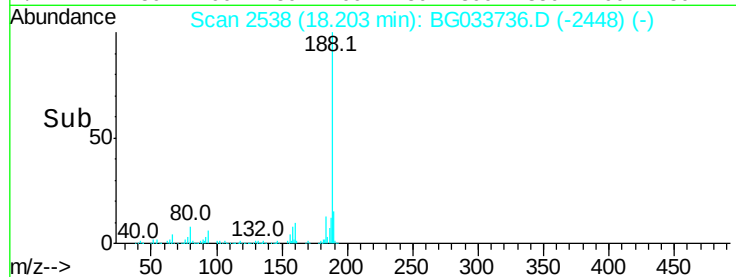
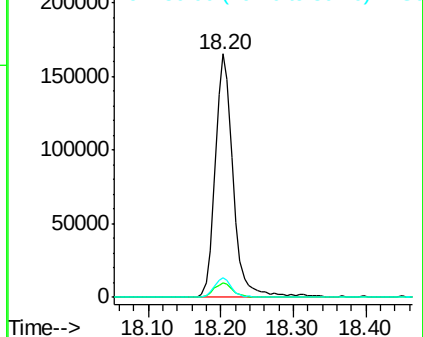
80 8.0 7.7 11.5



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: 5.313 ng

RT: 16.95 min Scan# 2324

Delta R.T. -0.43 min

Lab File: BG033736.D

Acq: 11 Apr 2018 6:54

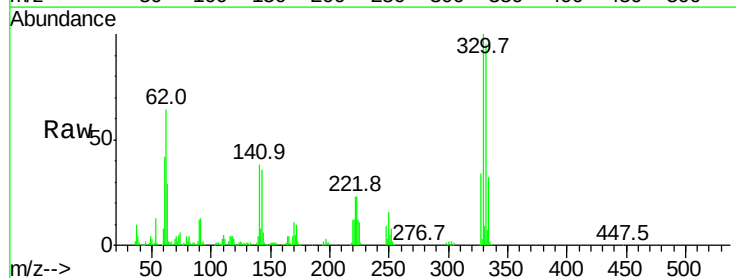
Tgt Ion:248 Resp: 17713

Ion Ratio Lower Upper

248 100

250 184.5 77.1 115.7#

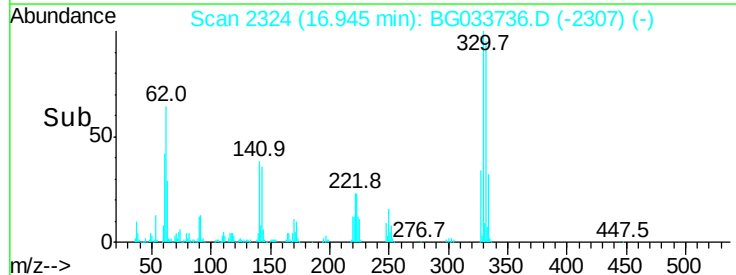
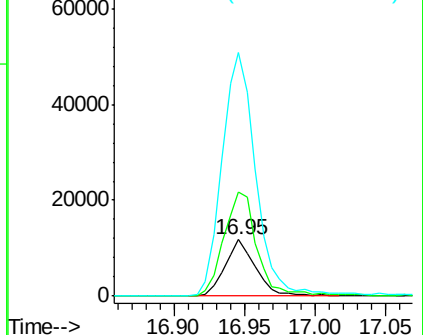
141 430.5 50.8 76.2#

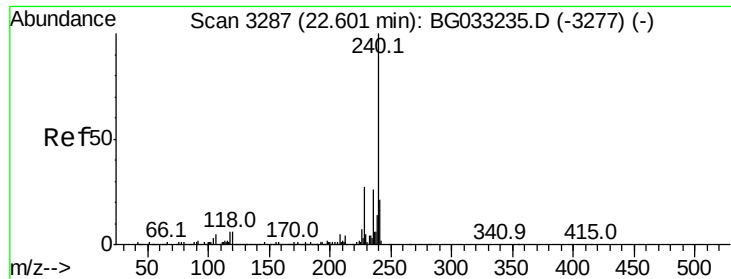


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.01 min

Lab File: BG033736.D

Acq: 11 Apr 2018 6:54

Instrument :

BNA_G

ClientSampleId :

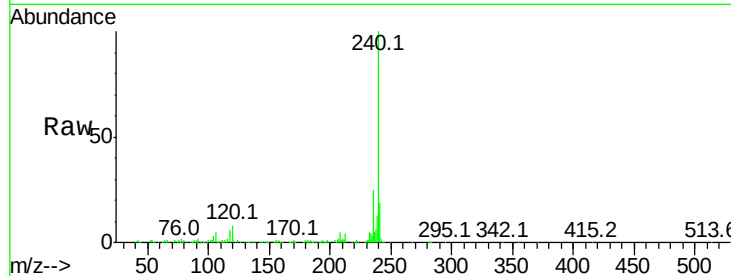
Tot Ion:240 Resp: 328520

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

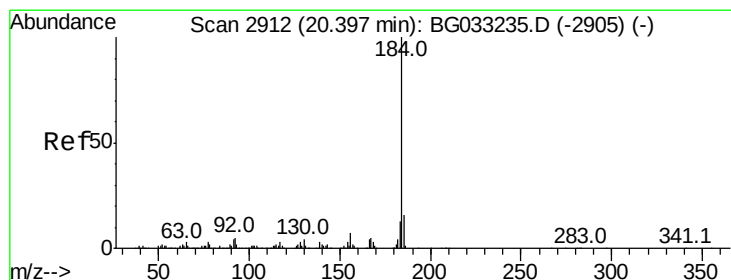
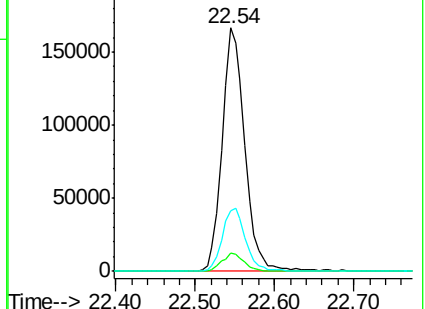
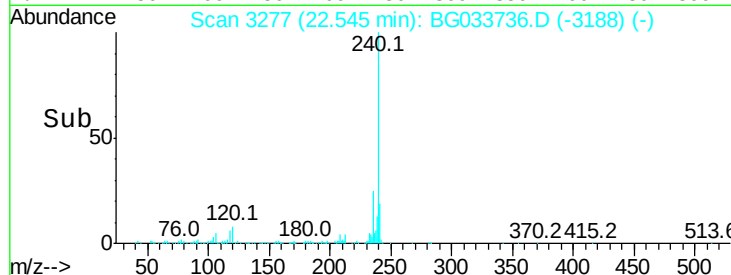
236 24.9 20.9 31.3



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



#76

Benzidine

Concen: 3.068 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033736.D

Acq: 11 Apr 2018 6:54

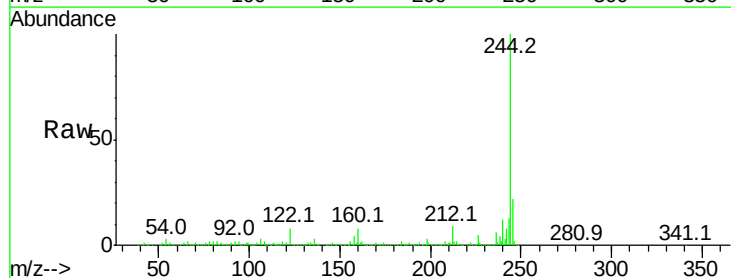
Tgt Ion:184 Resp: 27329

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

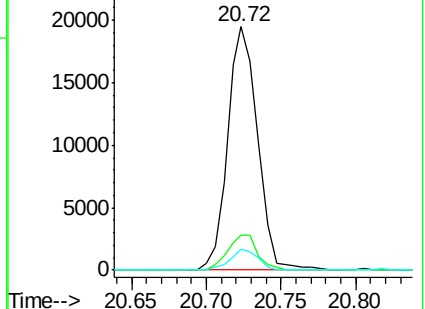
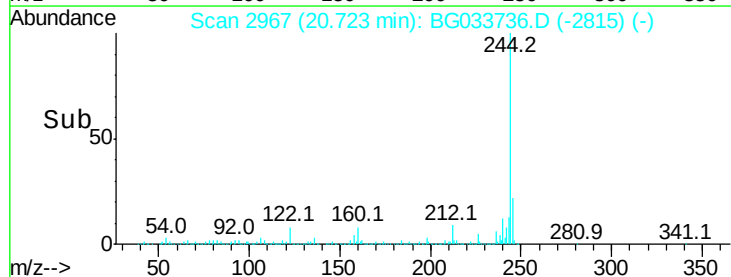
183 8.6 10.6 16.0#

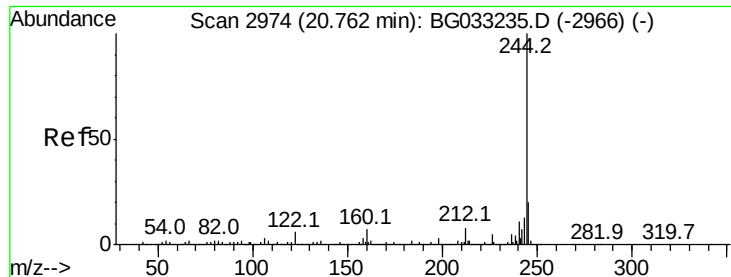


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



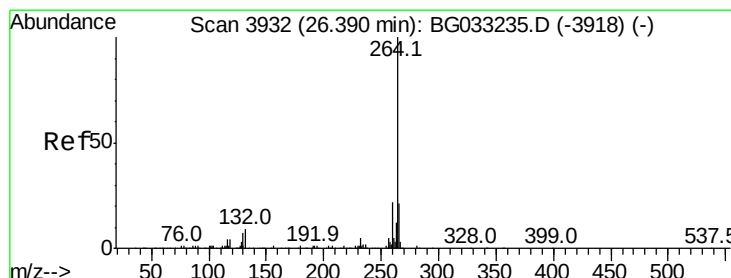
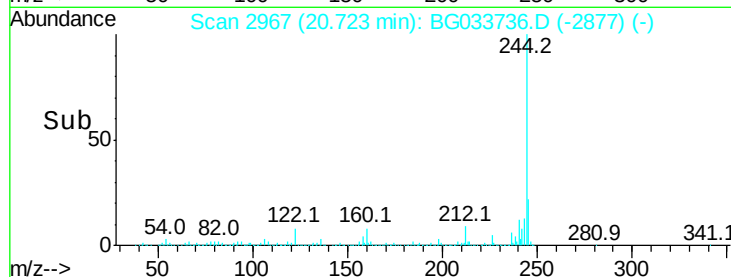
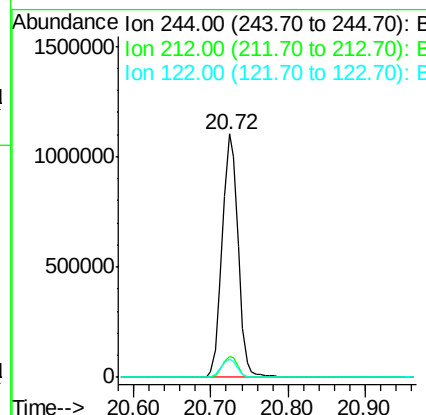
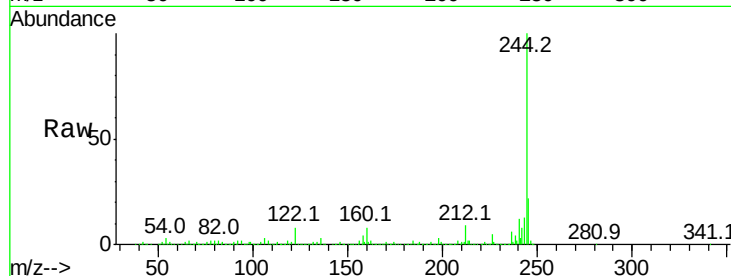


#78
 Terphenyl-d14
 Concen: 102.320 ng
 RT: 20.72 min Scan# 2967
 Delta R.T. -0.00 min
 Lab File: BG033736.D
 Acq: 11 Apr 2018 6:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1571780

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.7	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3917
 Delta R.T. -0.00 min
 Lab File: BG033736.D
 Acq: 11 Apr 2018 6:54

Tgt Ion:264 Resp: 346696

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.4	26.0
265	21.5	17.7	26.5

