

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033300.D
 Acq On : 22 Mar 2018 18:35
 Operator : SJ/JU
 Sample : J2002-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 04:16:07 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

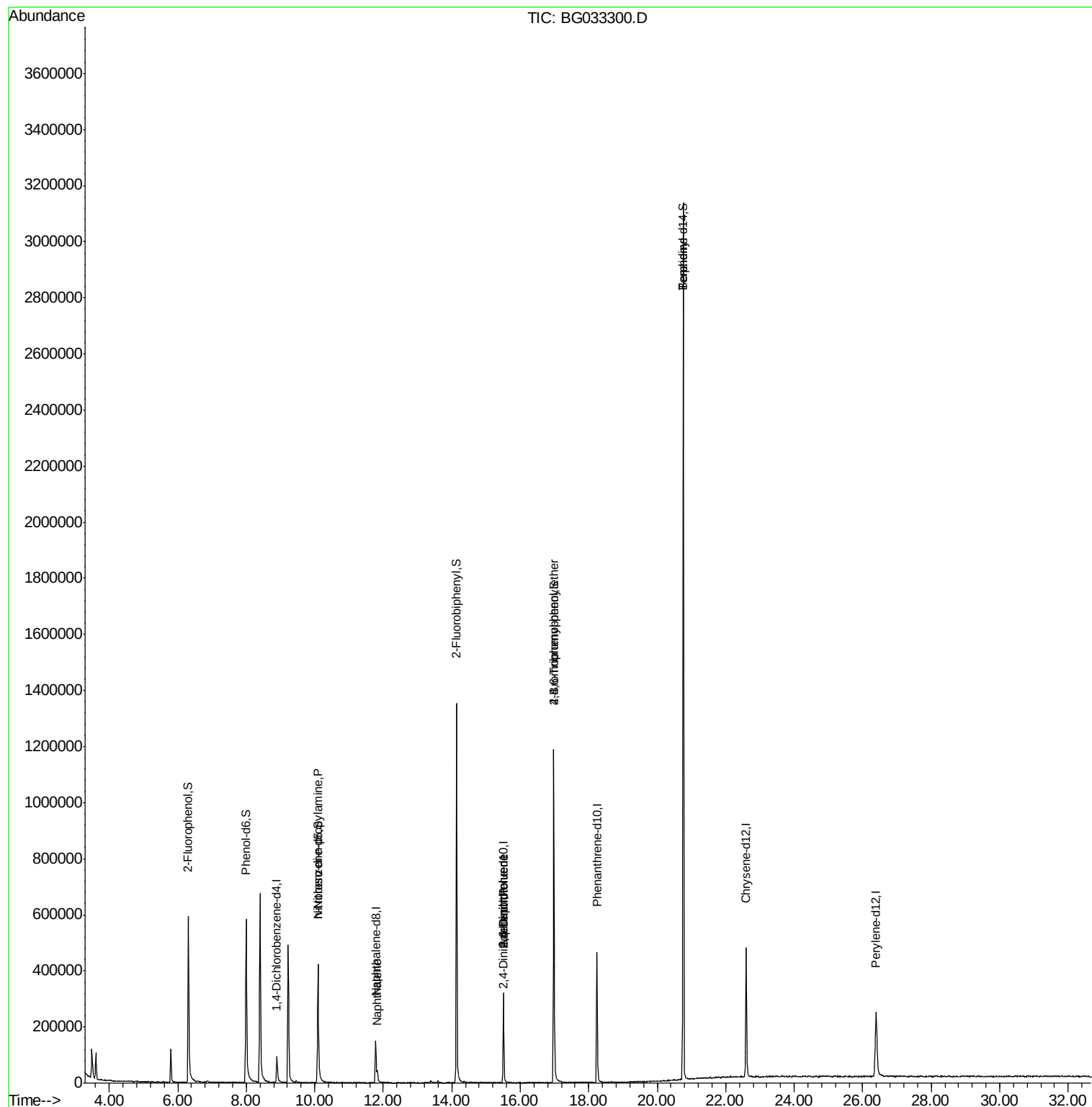
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	37187	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	151275	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	123760	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	336551	20.00	ng	0.00
75) Chrysene-d12	22.59	240	341832	20.00	ng	0.00
86) Perylene-d12	26.39	264	354557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	301432	151.99	ng	0.00
7) Phenol-d6	7.99	99	424920	124.70	ng	0.00
23) Nitrobenzene-d5	10.09	82	337528	102.51	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	256188	138.41	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	827426	96.52	ng	0.00
78) Terphenyl-d14	20.76	244	1618599	101.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.09	70	46466	18.610	ng	# 74
31) Naphthalene	11.83	128	38331	4.890	ng	# 92
50) 2,6-Dinitrotoluene	15.51	165	16061	7.293	ng	# 20
53) 2,4-Dinitrophenol	15.49	184	68	7.697	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	16113	4.969	ng	# 18
66) 4-Bromophenyl-phenylether	16.98	248	20188	5.108	ng	# 1
76) Benzidine	20.75	184	27347	2.950	ng	# 88

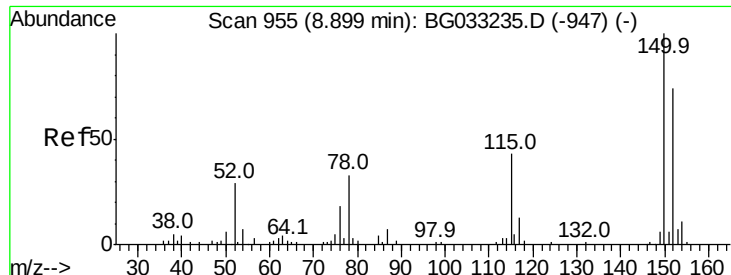
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
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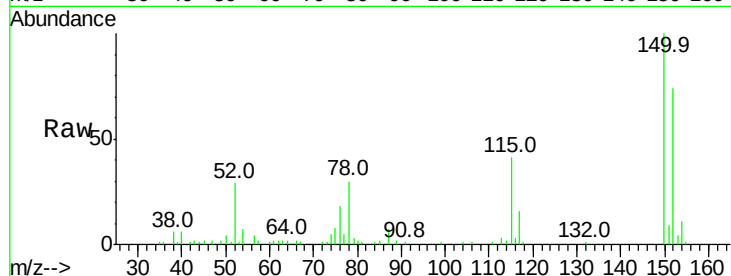


#1

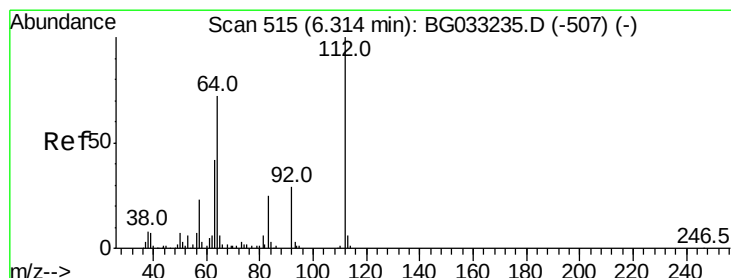
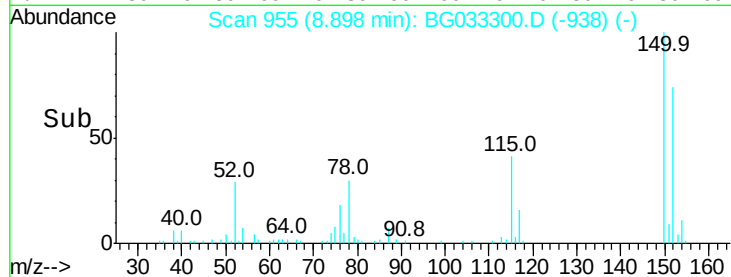
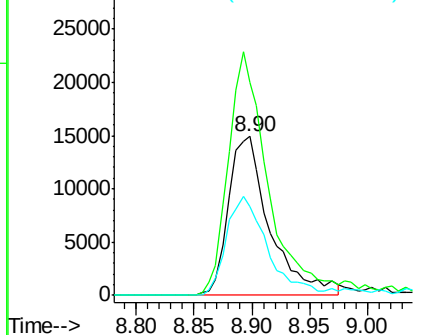
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033300.D
Acq: 22 Mar 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37187
Ion Ratio Lower Upper
152 100
150 134.3 126.6 189.8
115 55.6 53.0 79.4



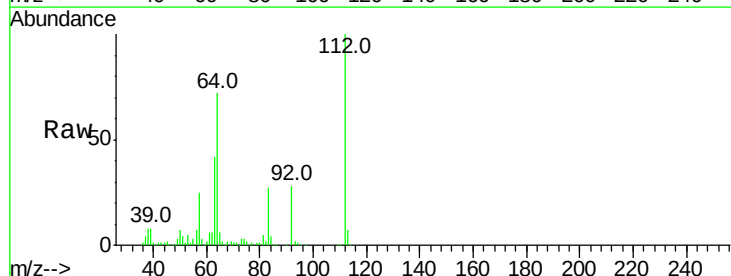
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



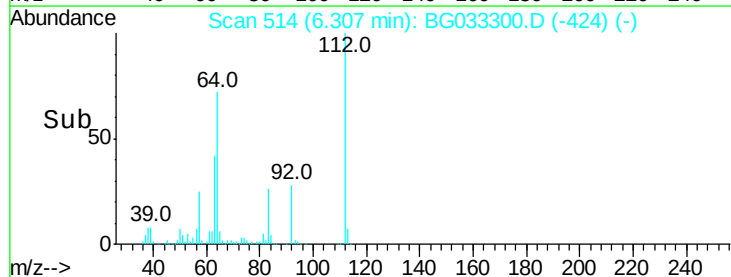
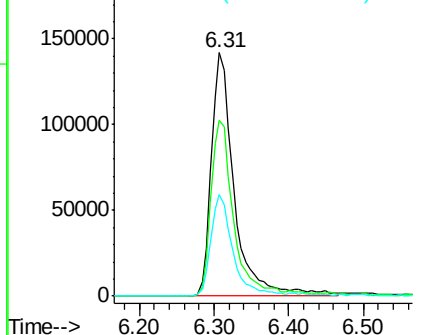
#5

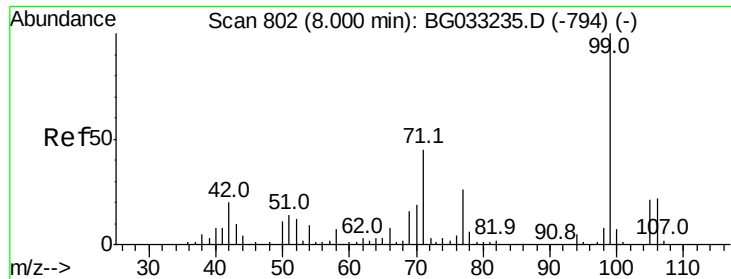
2-Fluorophenol
Concen: 151.994 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033300.D
Acq: 22 Mar 2018 18:35

Tgt Ion:112 Resp: 301432
Ion Ratio Lower Upper
112 100
64 72.3 56.3 84.5
63 41.6 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: 124.701 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033300.D

Acq: 22 Mar 2018 18:35

Instrument :

BNA_G

ClientSampled :

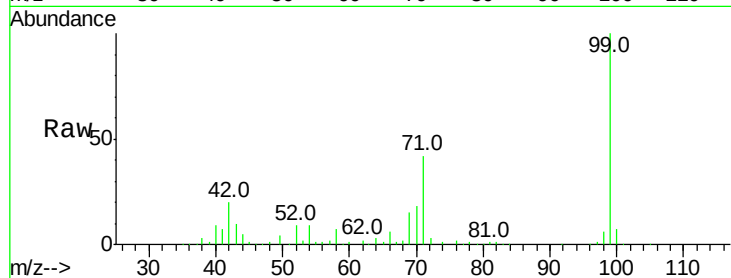
Tot Ion: 99 Resp: 424920

Ion Ratio Lower Upper

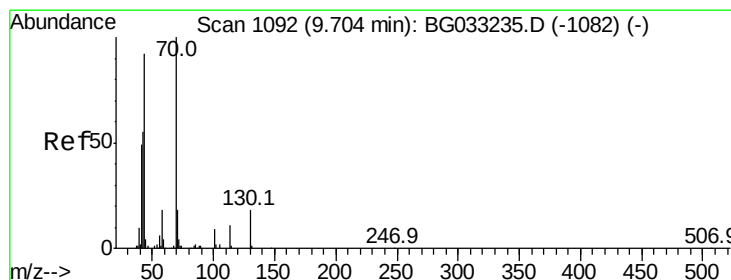
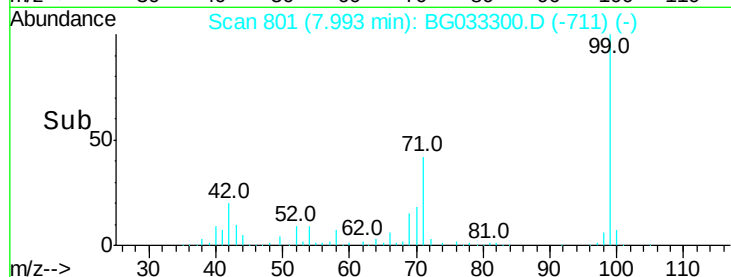
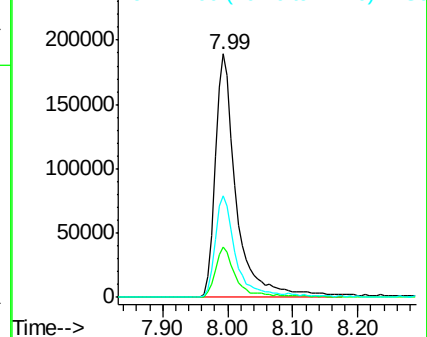
99 100

42 20.5 14.1 21.1

71 41.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 18.610 ng

RT: 10.09 min Scan# 1158

Delta R.T. 0.39 min

Lab File: BG033300.D

Acq: 22 Mar 2018 18:35

Tgt Ion: 70 Resp: 46466

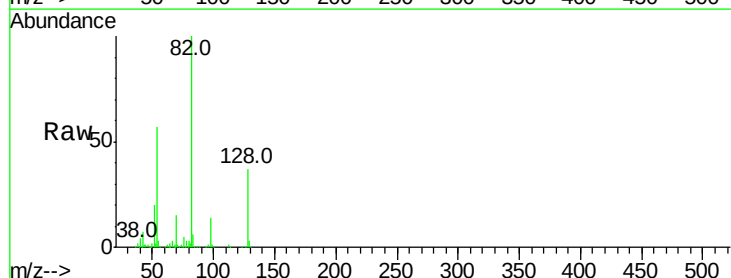
Ion Ratio Lower Upper

70 100

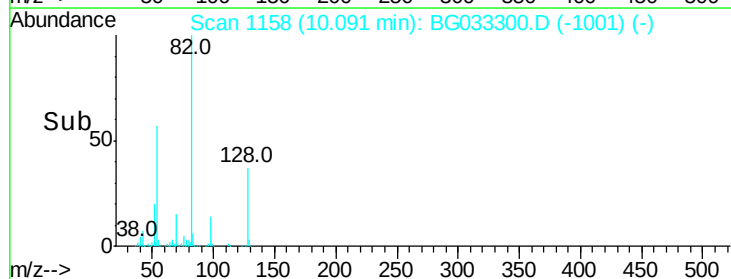
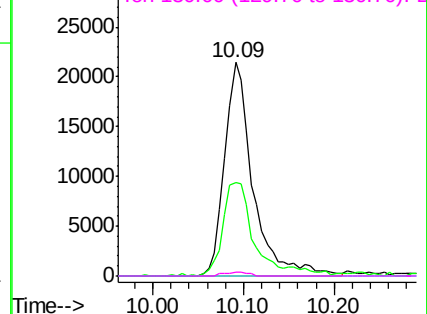
42 43.7 49.1 73.7#

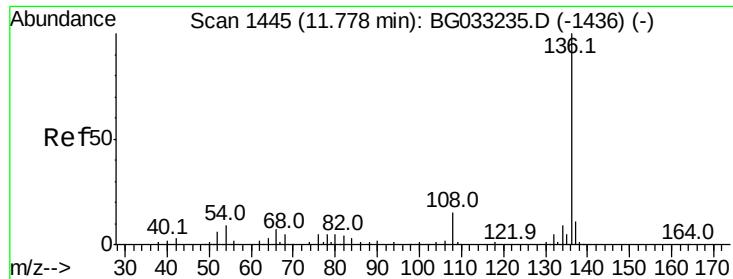
101 0.0 8.5 12.7#

130 2.0 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

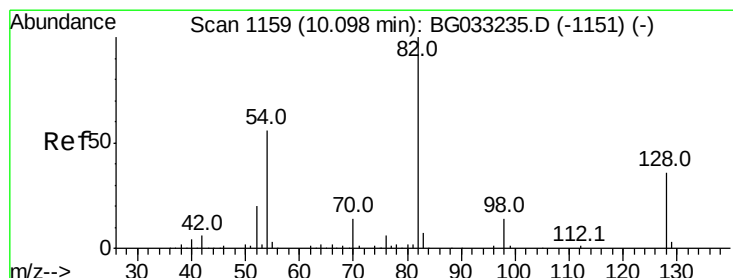
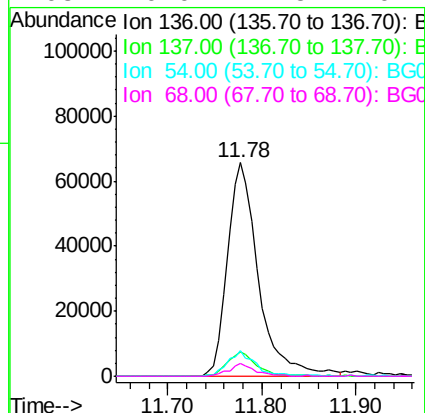
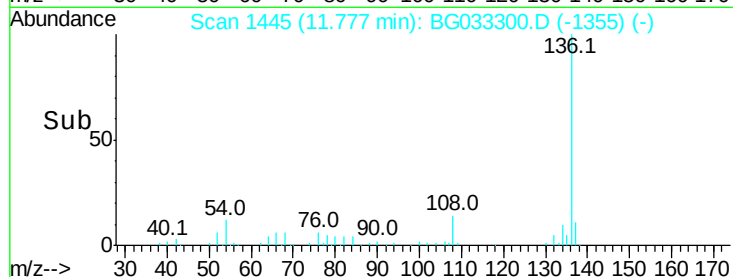
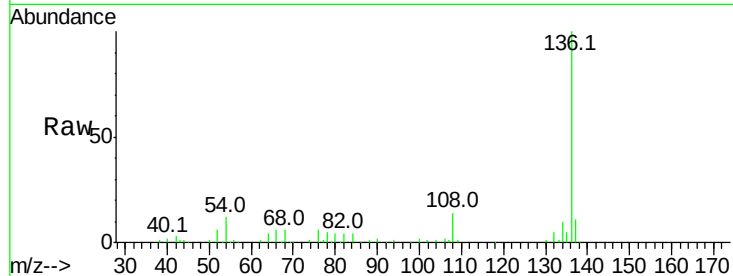




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BG033300.D
Acq: 22 Mar 2018 18:35

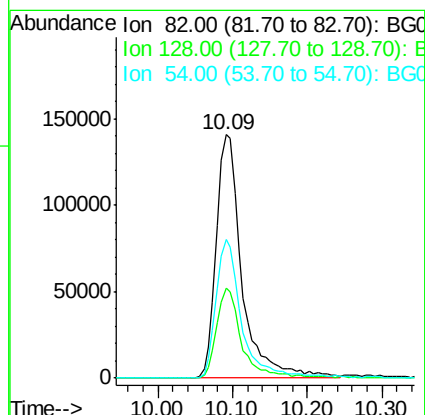
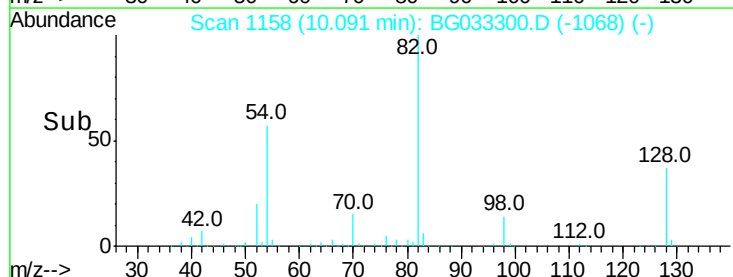
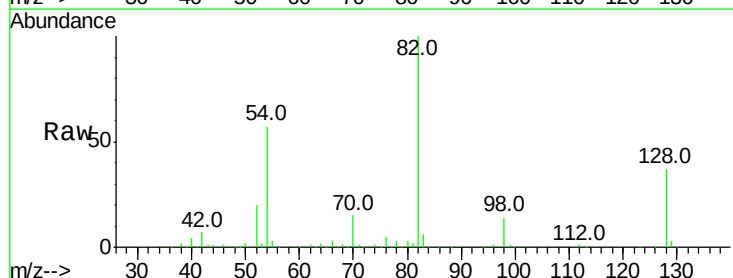
Instrument :
BNA_G
ClientSampleId :

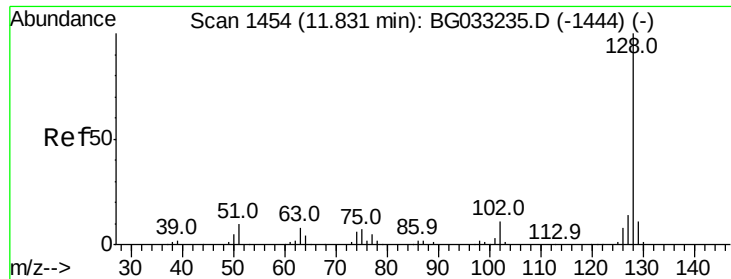
Tot Ion:	136	Resp:	151275
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	11.7	10.3	15.5
68	6.0	4.5	6.7



#23
Nitrobenzene-d5
Concen: 102.511 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG033300.D
Acq: 22 Mar 2018 18:35

Tgt Ion:	82	Resp:	337528
Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.7	44.5
54	56.7	43.1	64.7

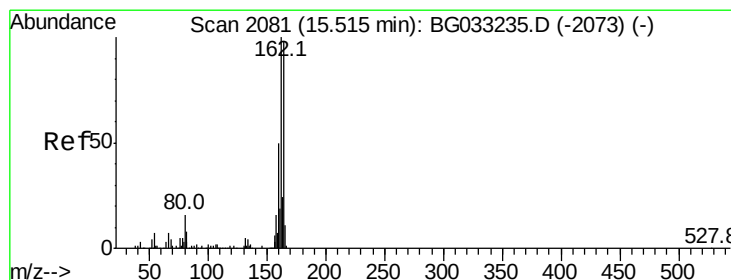
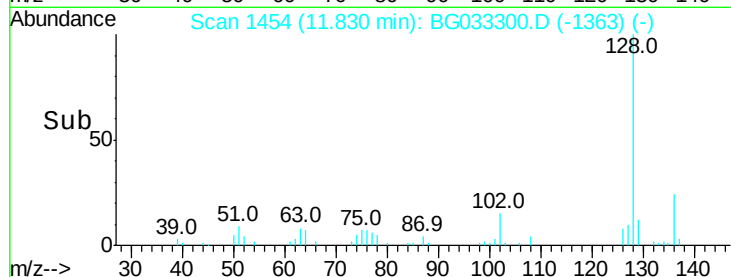
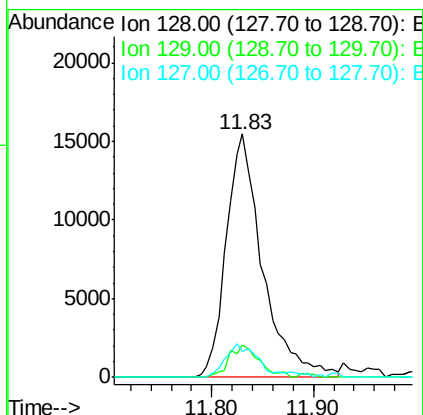
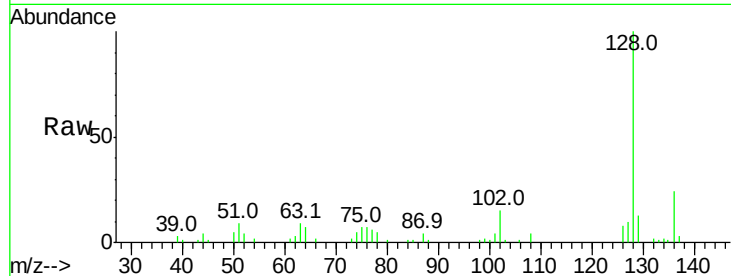




#31
Naphthalene
Concen: 4.890 ng
RT: 11.83 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BG033300.D
Acq: 22 Mar 2018 18:35

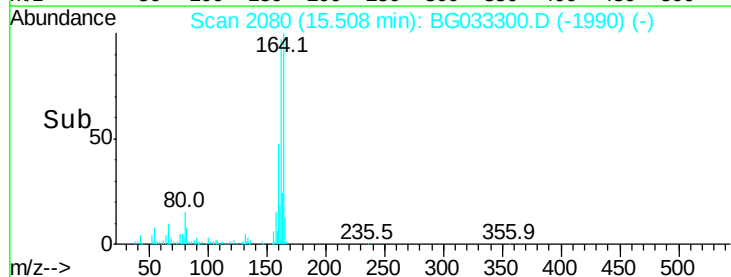
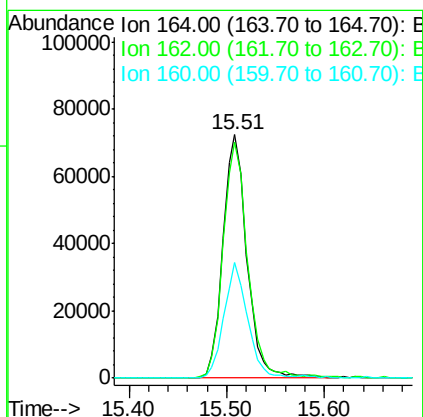
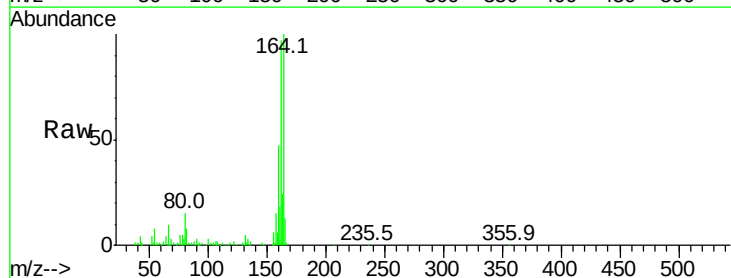
Instrument :
BNA_G
ClientSampleId :

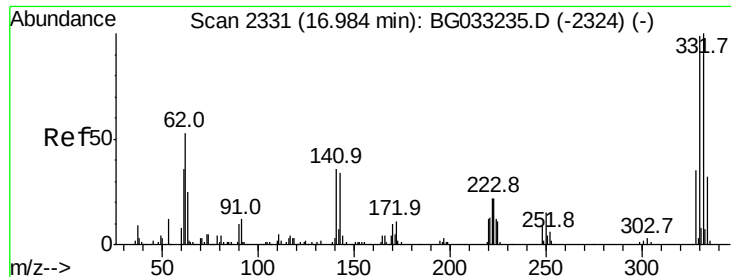
Tot Ion:128 Resp: 38331
Ion Ratio Lower Upper
128 100
129 13.1 8.6 12.8#
127 10.5 11.6 17.4#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG033300.D
Acq: 22 Mar 2018 18:35

Tgt Ion:164 Resp: 123760
Ion Ratio Lower Upper
164 100
162 96.9 78.8 118.2
160 47.4 35.4 53.0

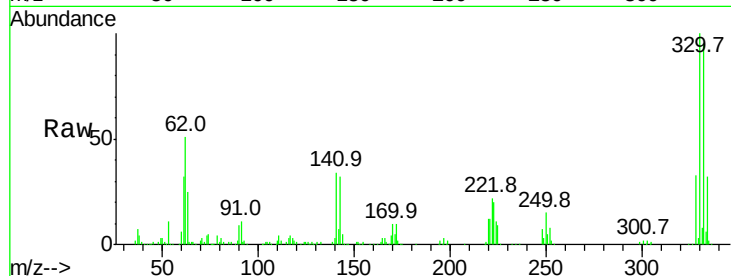




#41
 2,4,6-Tribromophenol
 Concen: 138.407 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033300.D
 Acq: 22 Mar 2018 18:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	36.0	25.2	37.8

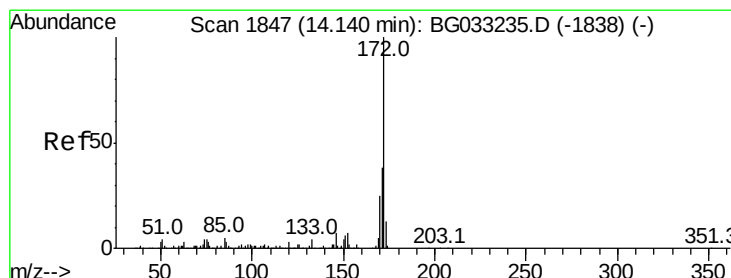
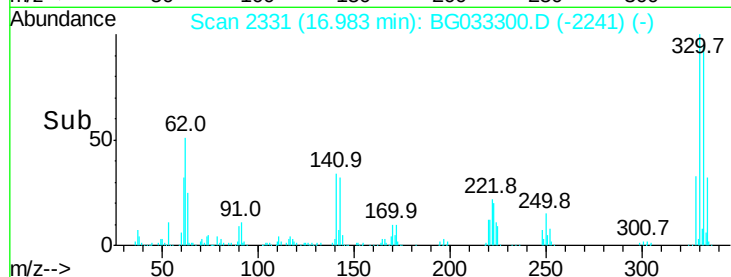
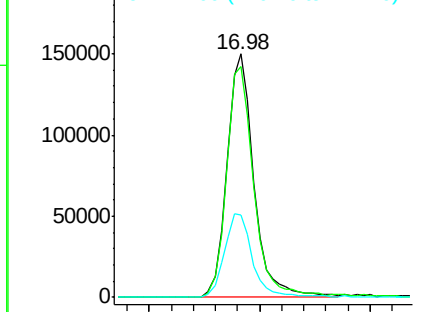


Abundance

Ion 329.80 (329.50 to 330.50): E

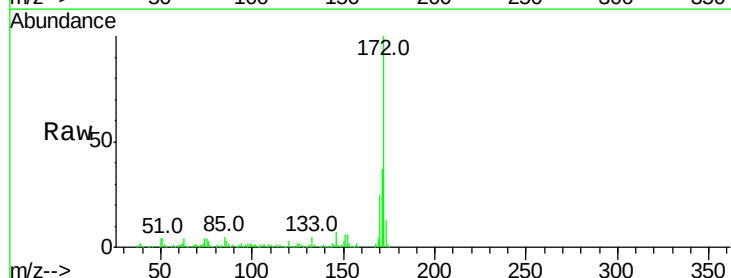
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.518 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BG033300.D
 Acq: 22 Mar 2018 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.9	19.5	29.3

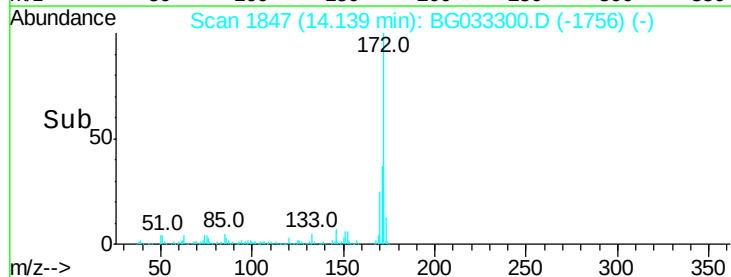
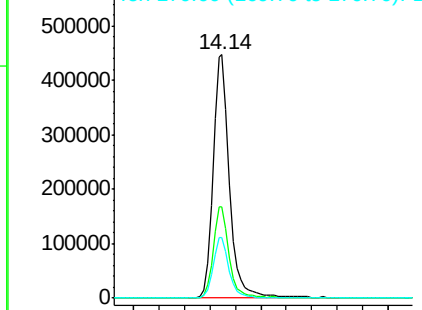


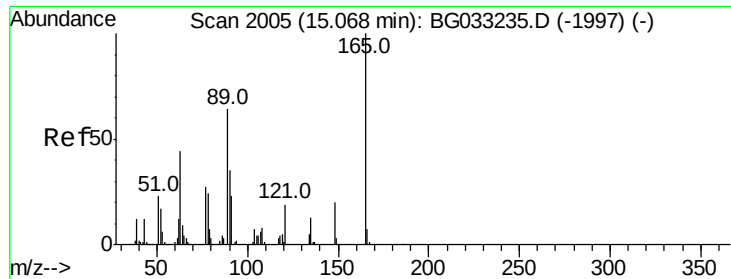
Abundance

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

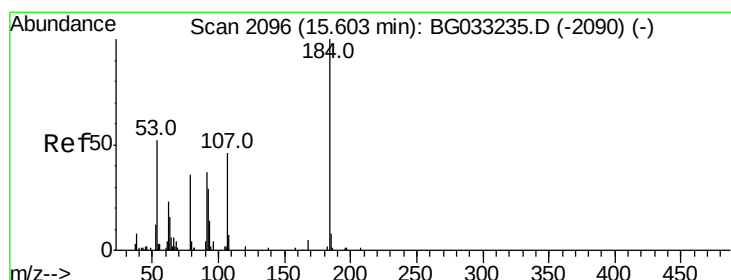
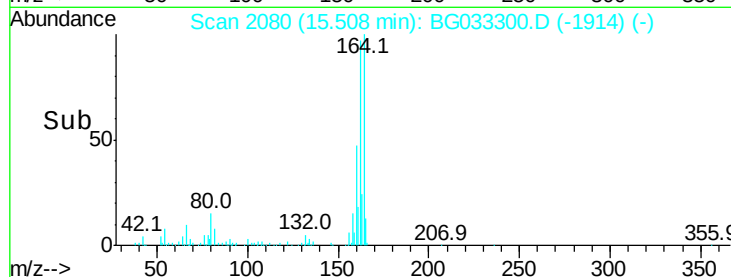
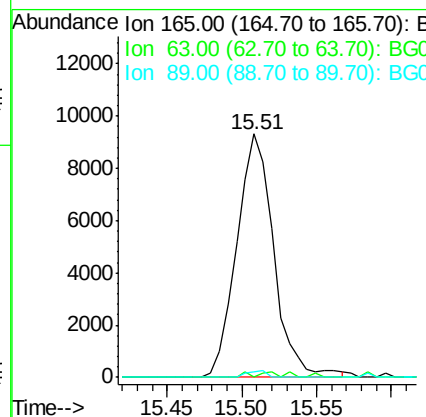
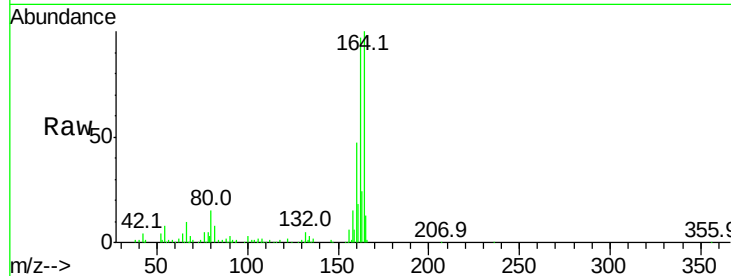




#50
2,6-Dinitrotoluene
Concen: 7.293 ng
RT: 15.51 min Scan# 2080
Delta R.T. 0.44 min
Lab File: BG033300.D
Acq: 22 Mar 2018 18:35

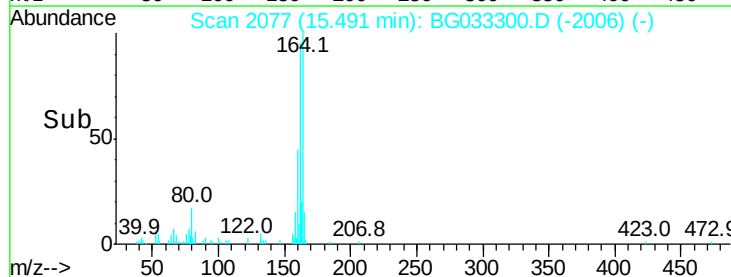
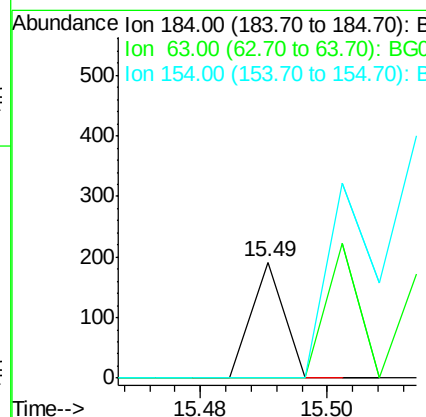
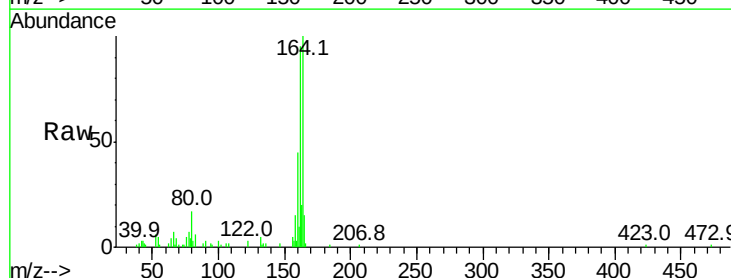
Instrument :
BNA_G
ClientSampleId :

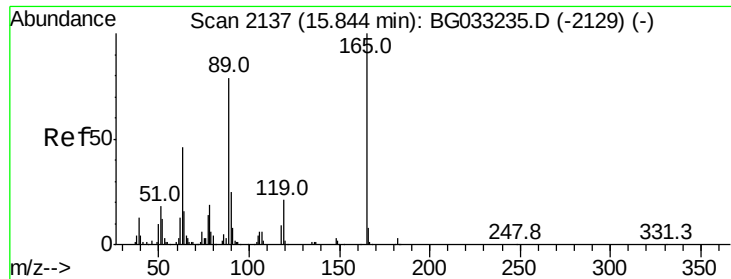
Tot Ion:165 Resp: 16061
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.1 49.2 73.8#



#53
2,4-Dinitrophenol
Concen: 7.697 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.12 min
Lab File: BG033300.D
Acq: 22 Mar 2018 18:35

Tgt Ion:184 Resp: 68
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

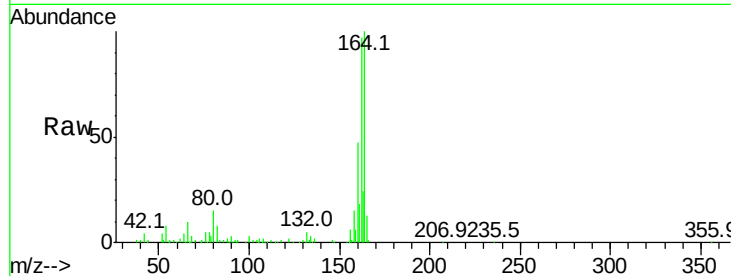




#56
 2,4-Dinitrotoluene
 Concen: 4.969 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.34 min
 Lab File: BG033300.D
 Acq: 22 Mar 2018 18:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 16113
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.1 66.9 100.3#
 182 0.0 2.6 3.8#

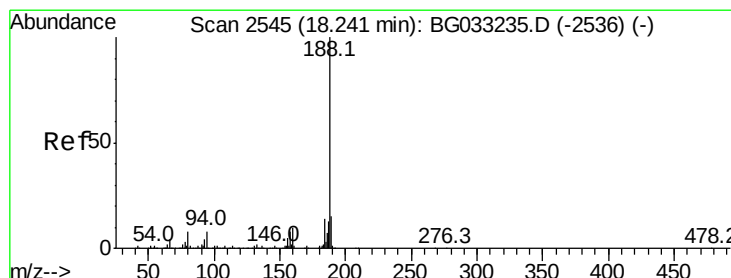
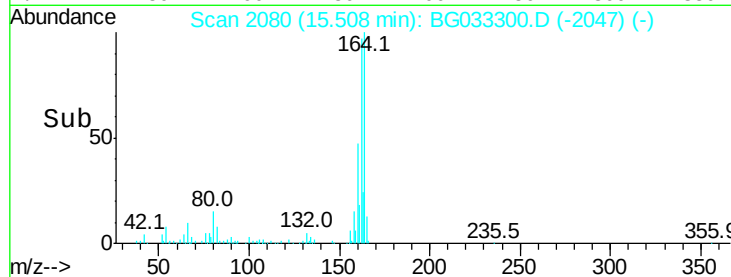
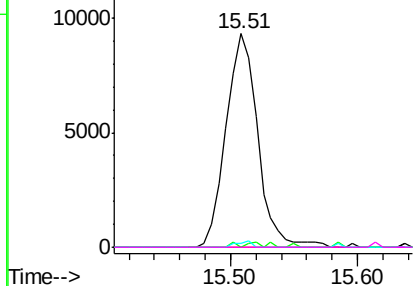


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

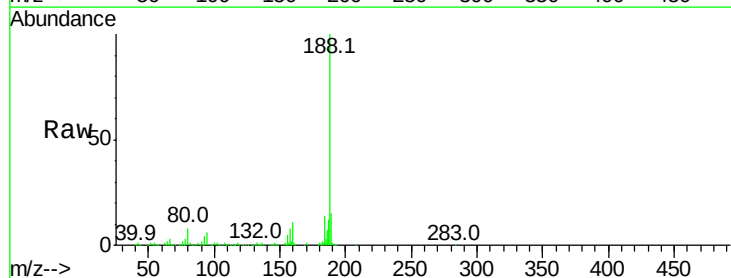
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: BG033300.D
 Acq: 22 Mar 2018 18:35

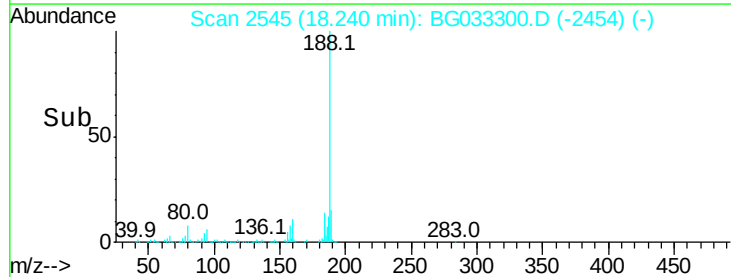
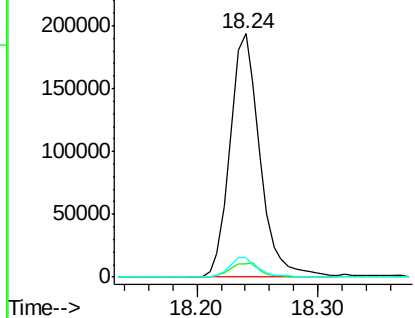
Tgt Ion:188 Resp: 336551
 Ion Ratio Lower Upper
 188 100
 94 5.5 6.9 10.3#
 80 8.2 7.7 11.5

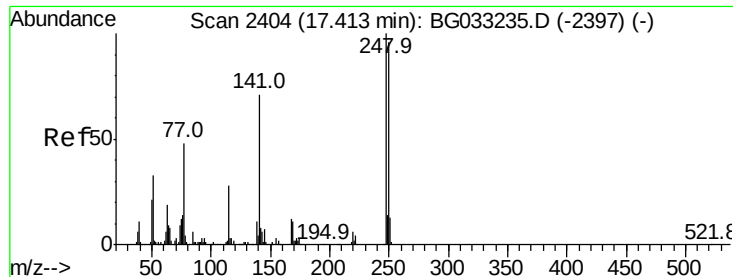


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

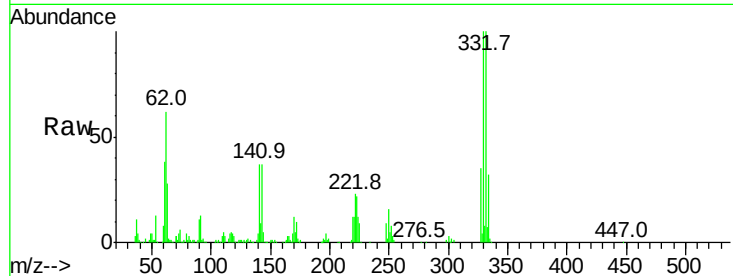




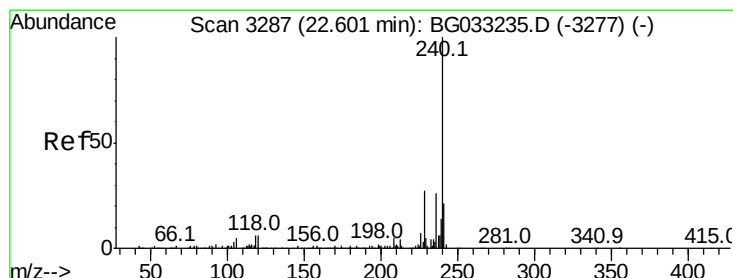
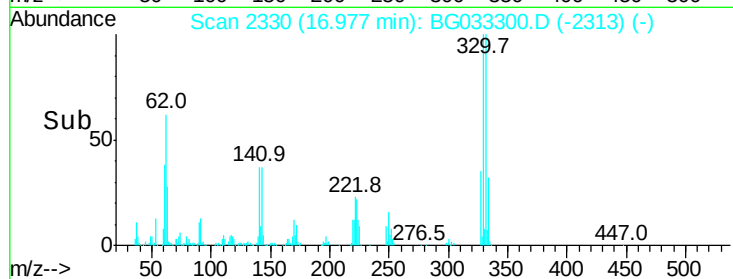
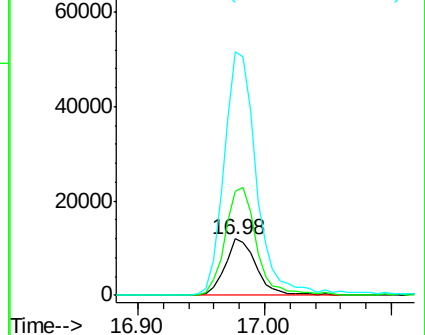
#66
4-Bromophenyl-phenylether
Concen: 5.108 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.43 min
Lab File: BG033300.D
Acq: 22 Mar 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 20188
Ion Ratio Lower Upper
248 100
250 184.8 77.1 115.7#
141 429.8 50.8 76.2#

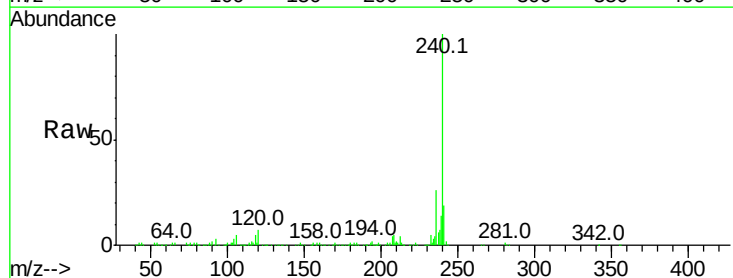


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

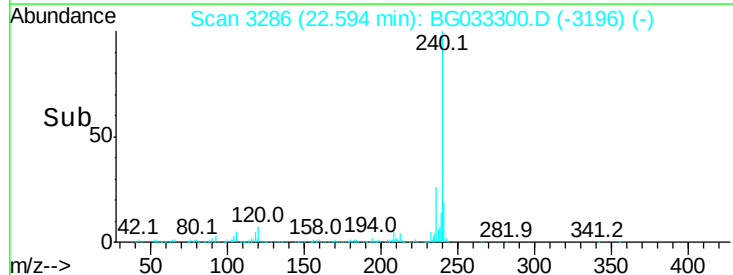
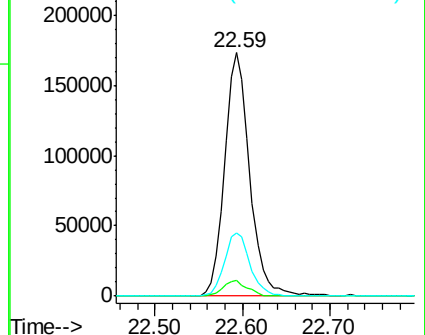


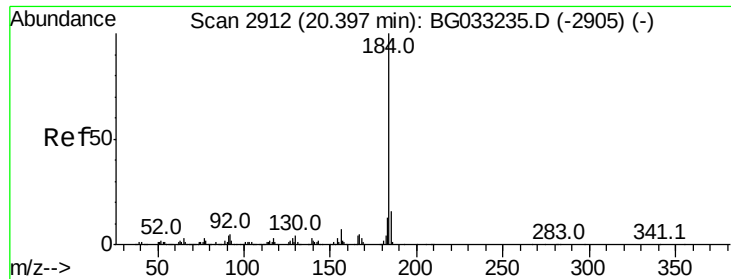
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.00 min
Lab File: BG033300.D
Acq: 22 Mar 2018 18:35

Tgt Ion:240 Resp: 341832
Ion Ratio Lower Upper
240 100
120 6.5 6.8 10.2#
236 25.9 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: 2.950 ng

RT: 20.75 min Scan# 2973

Delta R.T. 0.36 min

Lab File: BG033300.D

Acq: 22 Mar 2018 18:35

Instrument :

BNA_G

ClientSampleId :

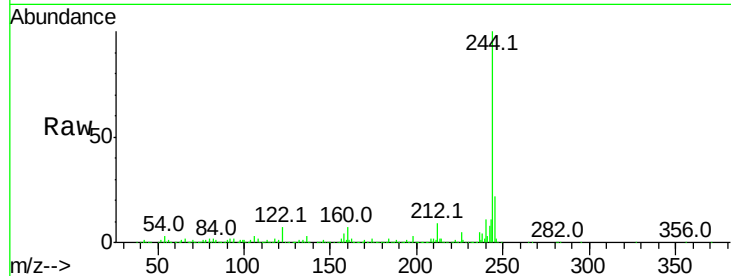
Tot Ion:184 Resp: 27347

Ion Ratio Lower Upper

184 100

185 19.9 11.1 16.7#

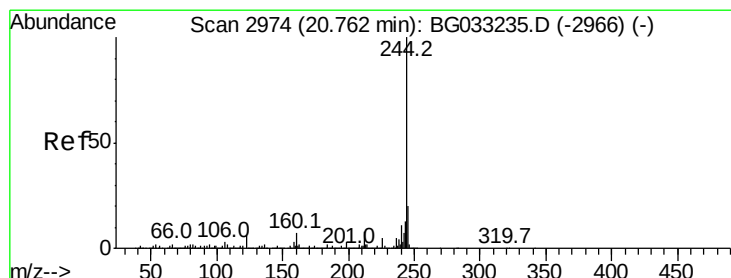
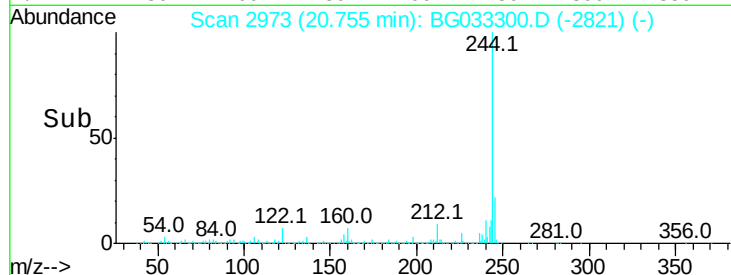
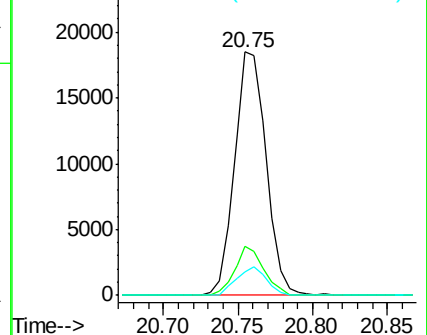
183 9.8 10.6 16.0#



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: 101.265 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033300.D

Acq: 22 Mar 2018 18:35

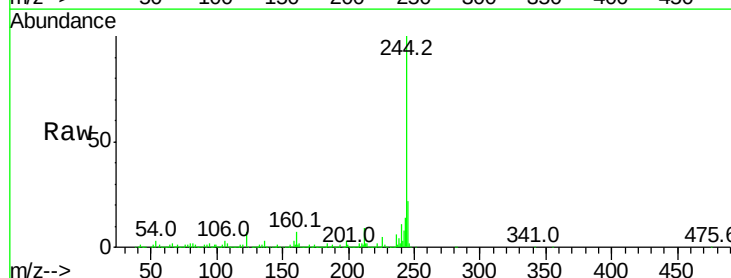
Tgt Ion:244 Resp: 1618599

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

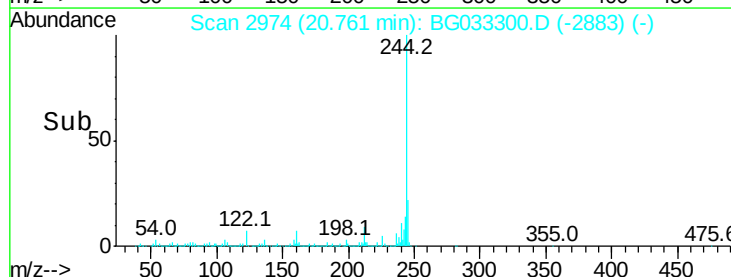
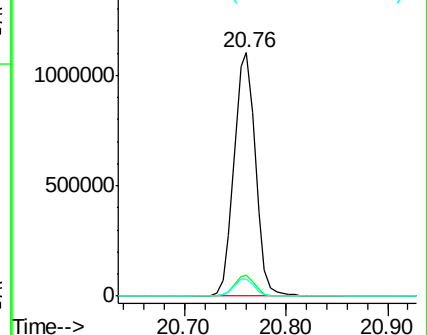
122 6.8 7.0 10.4#

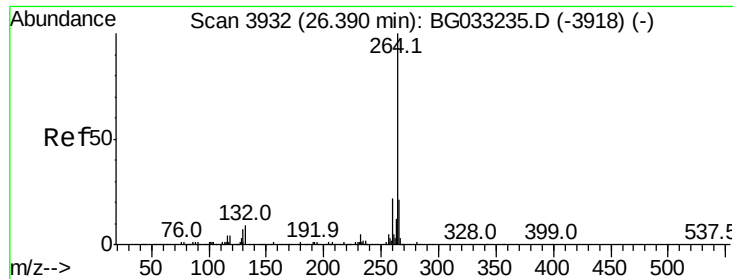


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.39 min Scan# 3932
Delta R.T. 0.00 min
Lab File: BG033300.D
Acq: 22 Mar 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.2	17.7	26.5

