

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033305.D
 Acq On : 22 Mar 2018 21:43
 Operator : SJ/JU
 Sample : J1995-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 04:17:41 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

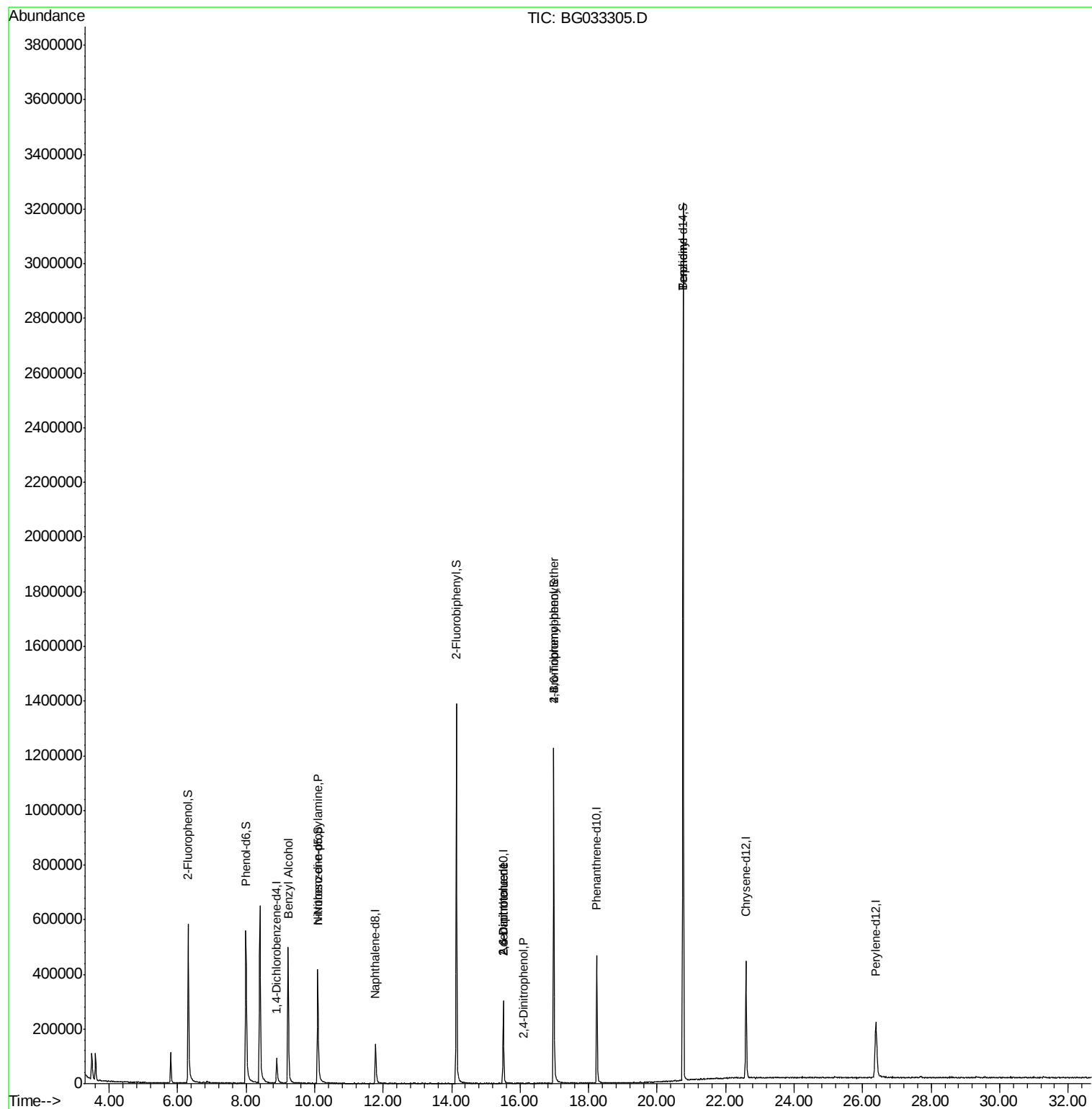
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	34381	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	146592	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	118835	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	327724	20.00	ng	0.00
75) Chrysene-d12	22.59	240	326564	20.00	ng	0.00
86) Perylene-d12	26.39	264	322909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	293655	160.16	ng	0.00
7) Phenol-d6	7.99	99	406006	128.87	ng	0.00
23) Nitrobenzene-d5	10.09	82	334398	104.81	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	245024	137.86	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	812684	98.73	ng	0.00
78) Terphenyl-d14	20.76	244	1609801	105.42	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.24	79	5442	2.194	ng	# 66
19) n-Nitroso-di-n-propylamine	10.09	70	43125	18.681	ng	# 76
50) 2,6-Dinitrotoluene	15.51	165	14234	6.731	ng	# 20
53) 2,4-Dinitrophenol	16.09	184	73	7.703	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	14234	4.572	ng	# 18
66) 4-Bromophenyl-phenylether	16.98	248	18525	4.813	ng	# 1
76) Benizidine	20.76	184	26233	2.962	ng	# 93

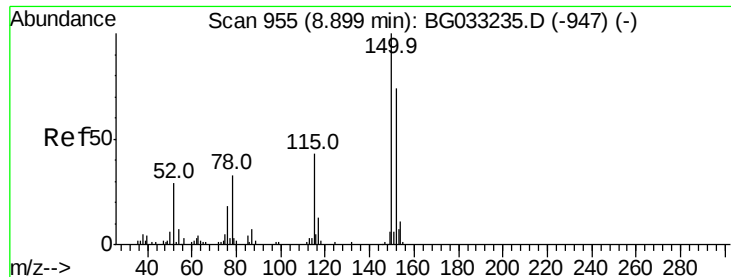
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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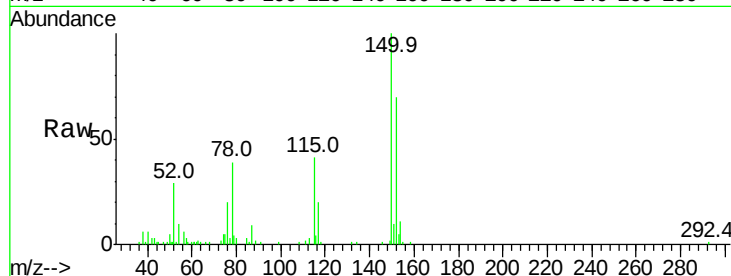


#1

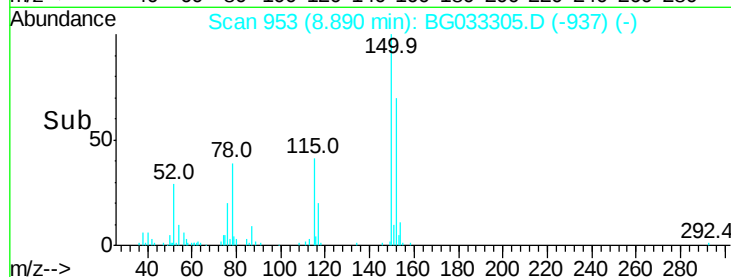
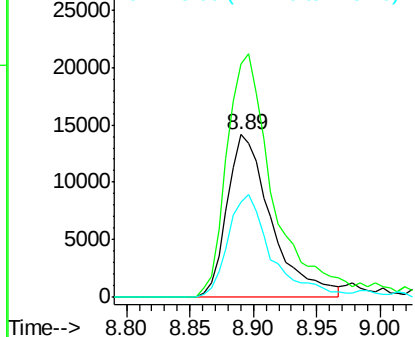
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033305.D
Acq: 22 Mar 2018 21:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34381
Ion Ratio Lower Upper
152 100
150 143.4 126.6 189.8
115 58.5 53.0 79.4



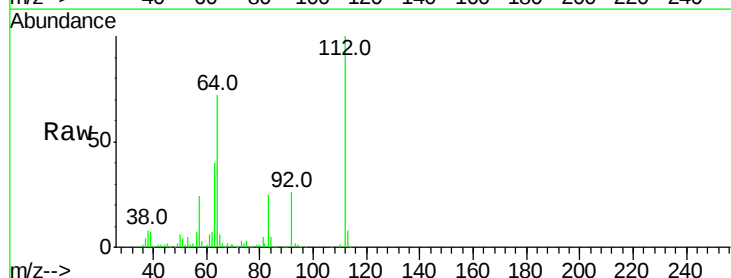
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



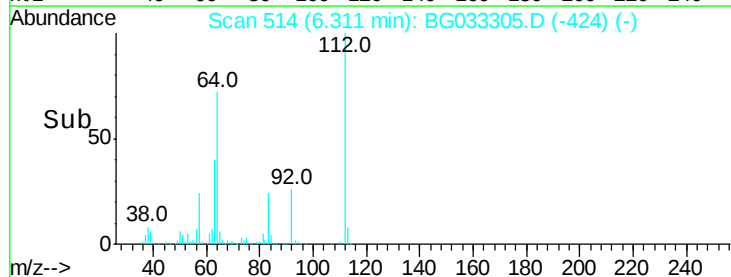
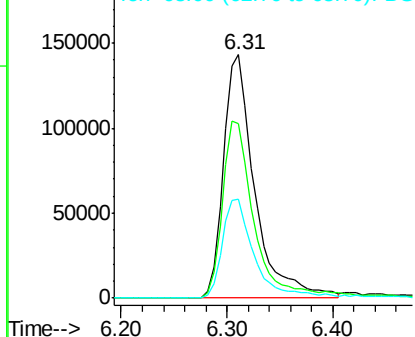
#5

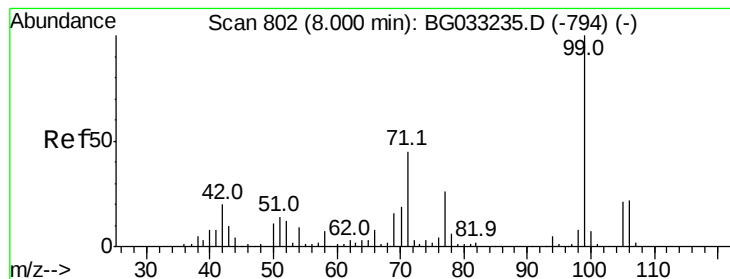
2-Fluorophenol
Concen: 160.158 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033305.D
Acq: 22 Mar 2018 21:43

Tgt Ion:112 Resp: 293655
Ion Ratio Lower Upper
112 100
64 71.7 56.3 84.5
63 40.4 30.1 45.1



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





#7

Phenol-d6

Concen: 128.875 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG033305.D

Acq: 22 Mar 2018 21:43

Instrument :

BNA_G

ClientSampleId :

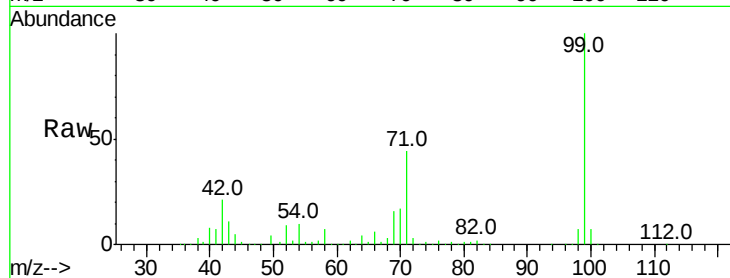
Tot Ion: 99 Resp: 406006

Ion Ratio Lower Upper

99 100

42 20.7 14.1 21.1

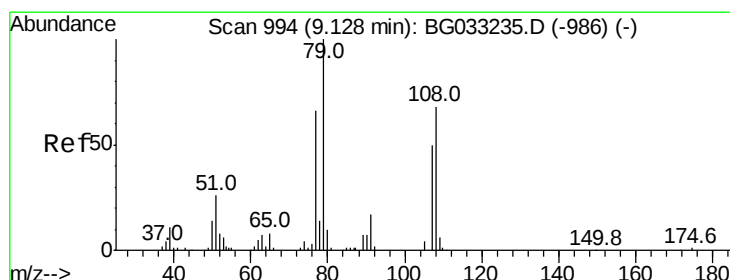
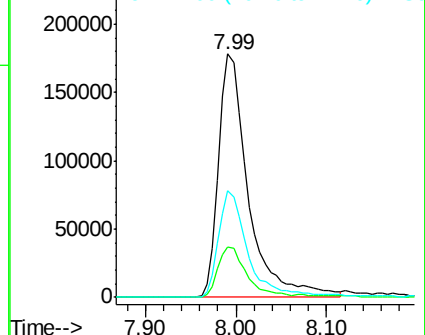
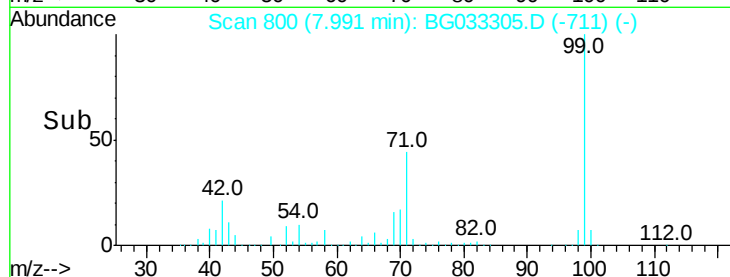
71 44.0 26.1 39.1#



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: 2.194 ng

RT: 9.24 min Scan# 1012

Delta R.T. 0.11 min

Lab File: BG033305.D

Acq: 22 Mar 2018 21:43

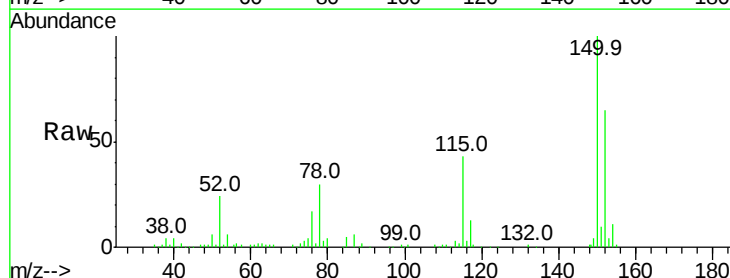
Tgt Ion: 79 Resp: 5442

Ion Ratio Lower Upper

79 100

108 32.2 57.2 85.8#

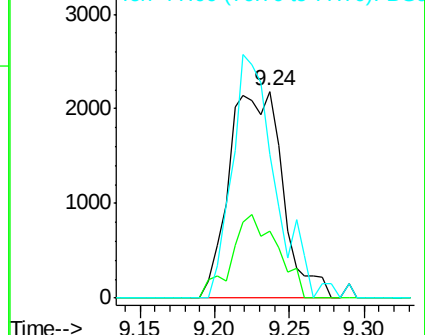
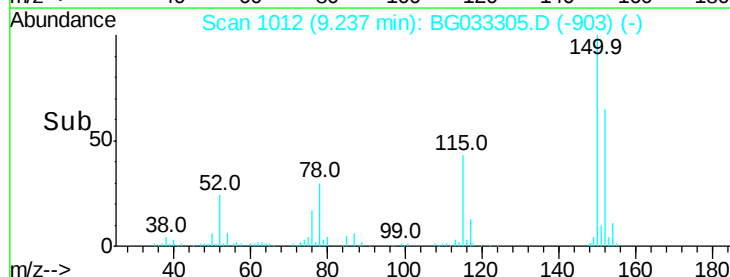
77 69.8 46.1 69.1#

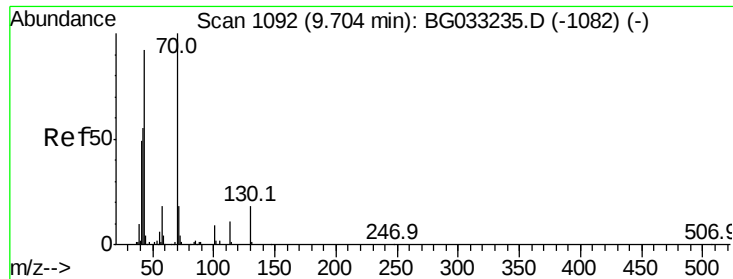


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

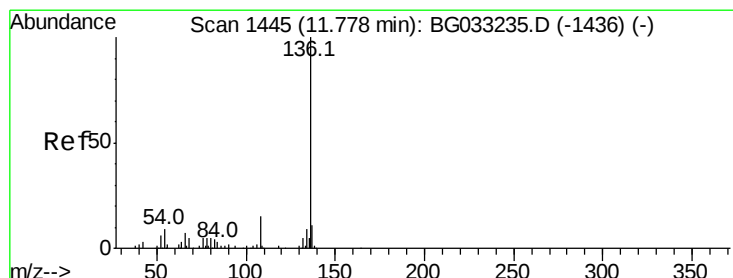
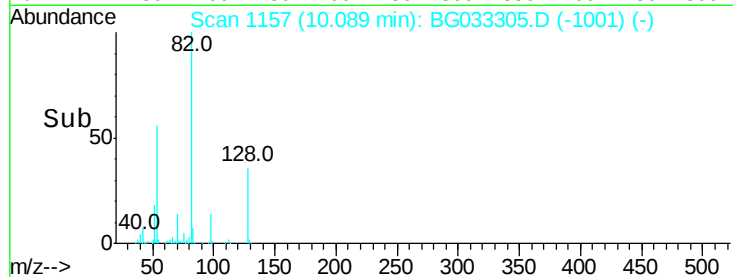
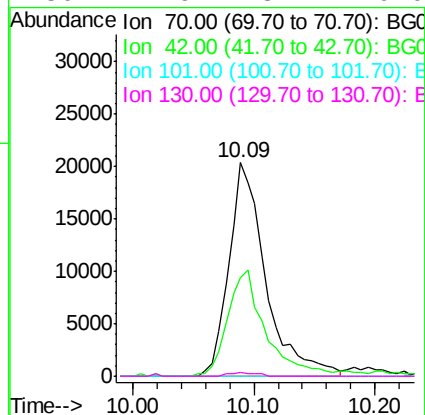
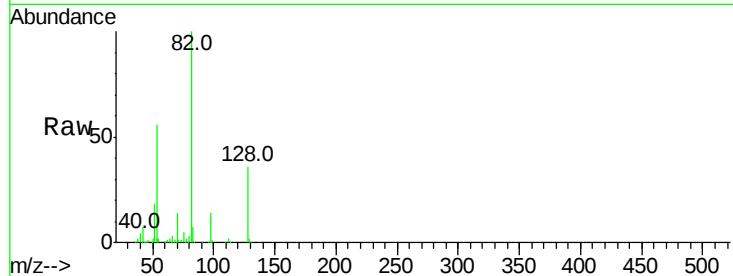




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.681 ng
 RT: 10.09 min Scan# 1157
 Delta R.T. 0.39 min
 Lab File: BG033305.D
 Acq: 22 Mar 2018 21:43

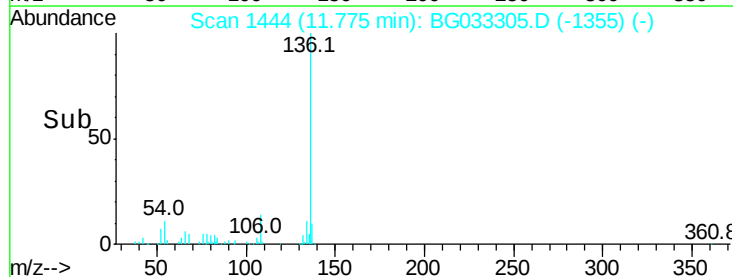
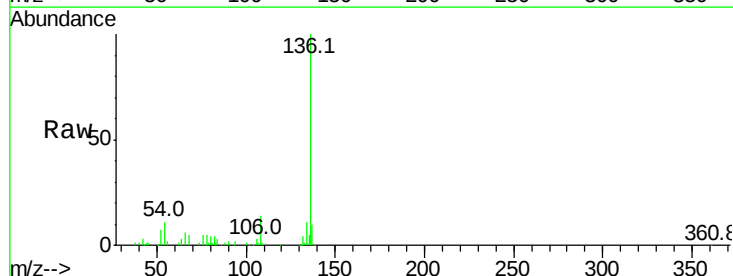
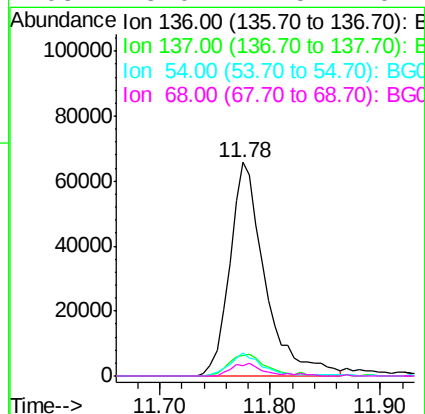
Instrument :
 BNA_G
 ClientSampleId :

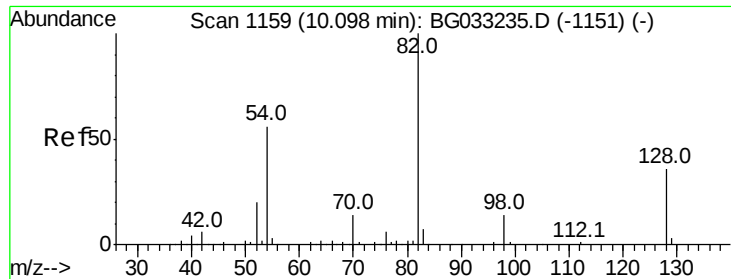
Tot Ion:	70	Resp:	43125
Ion	Ratio	Lower	Upper
70	100		
42	45.9	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.78 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BG033305.D
 Acq: 22 Mar 2018 21:43

Tgt Ion:	136	Resp:	146592
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	10.6	10.3	15.5
68	5.0	4.5	6.7

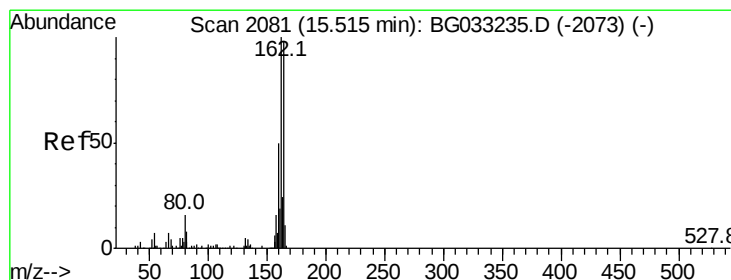
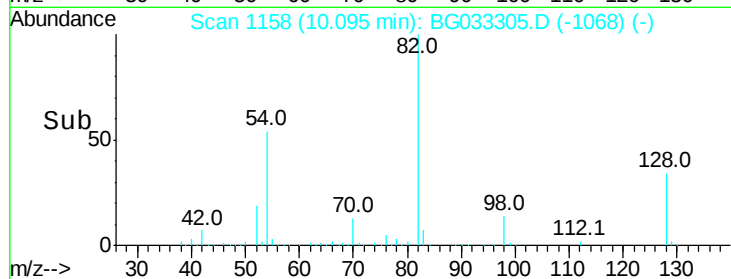
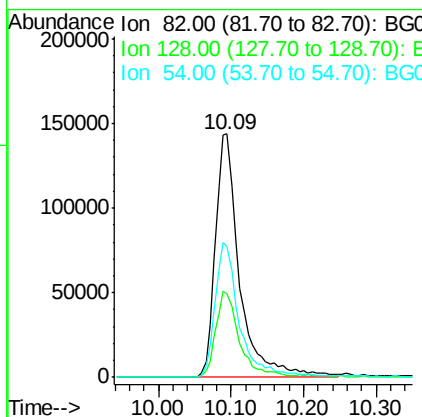
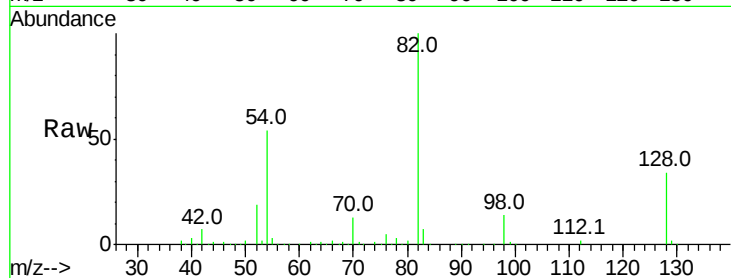




#23
 Nitrobenzene-d5
 Concen: 104.805 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG033305.D
 Acq: 22 Mar 2018 21:43

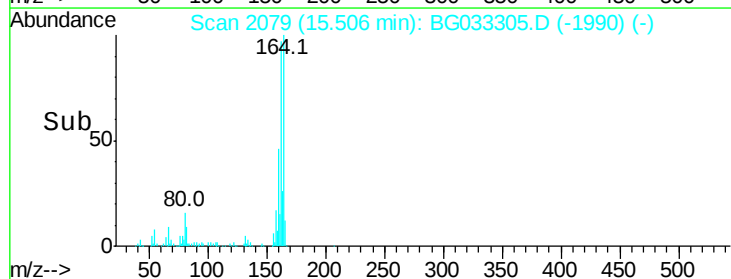
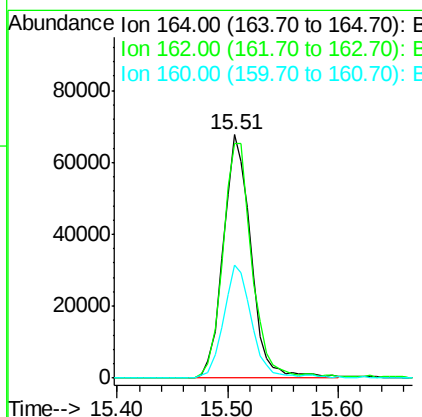
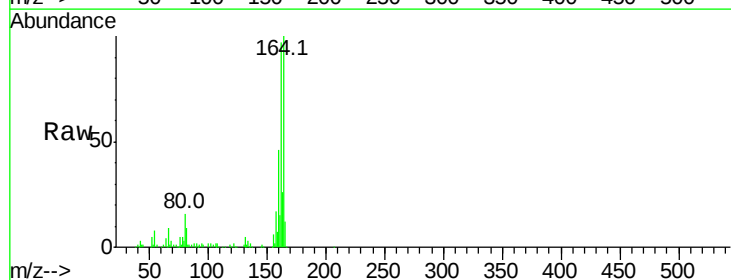
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	334398
Ion Ratio	Lower	Upper	
82	100		
128	34.3	29.7	44.5
54	53.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG033305.D
 Acq: 22 Mar 2018 21:43

Tgt Ion	164	Resp	118835
Ion Ratio	Lower	Upper	
164	100		
162	96.6	78.8	118.2
160	46.2	35.4	53.0

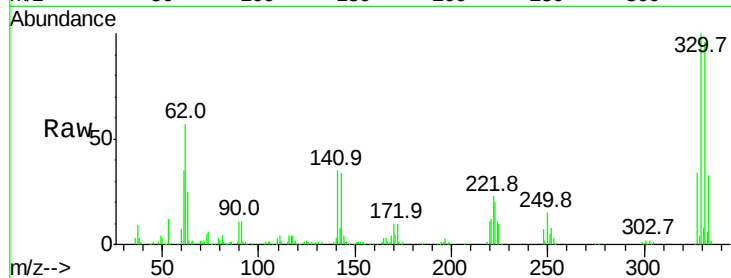




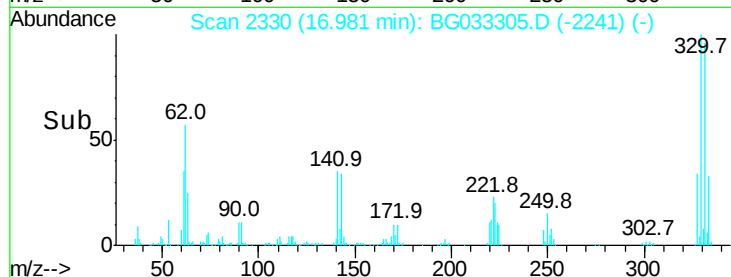
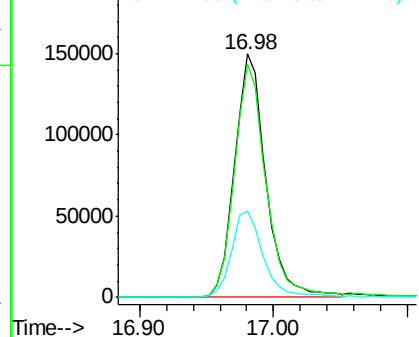
#41
 2,4,6-Tribromophenol
 Concen: 137.862 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG033305.D
 Acq: 22 Mar 2018 21:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 245024
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 36.3 25.2 37.8

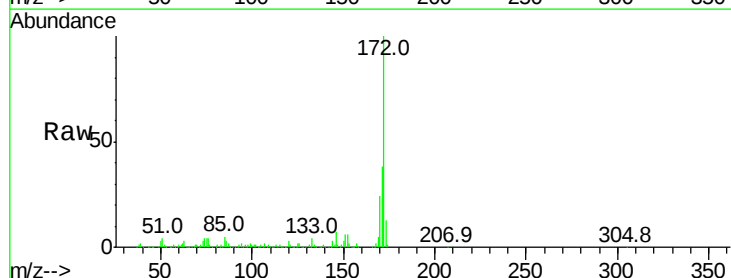


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

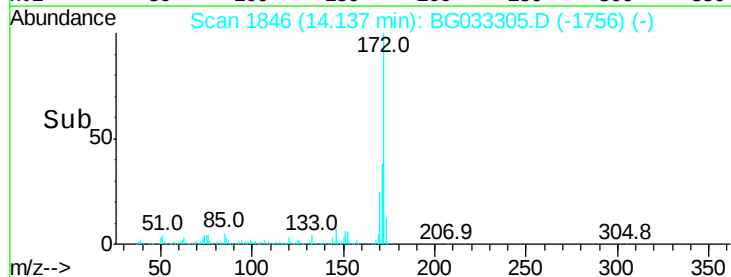
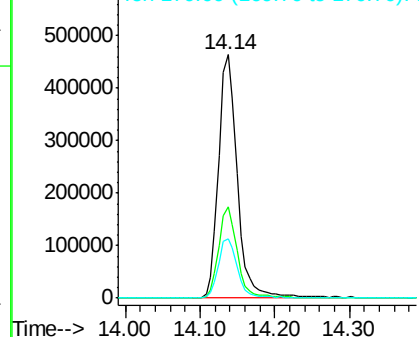


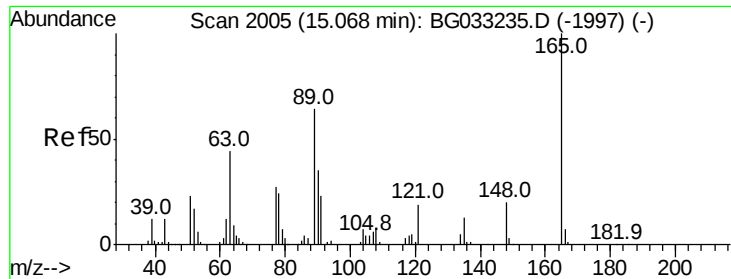
#44
 2-Fluorobiphenyl
 Concen: 98.727 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033305.D
 Acq: 22 Mar 2018 21:43

Tgt Ion:172 Resp: 812684
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 24.2 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

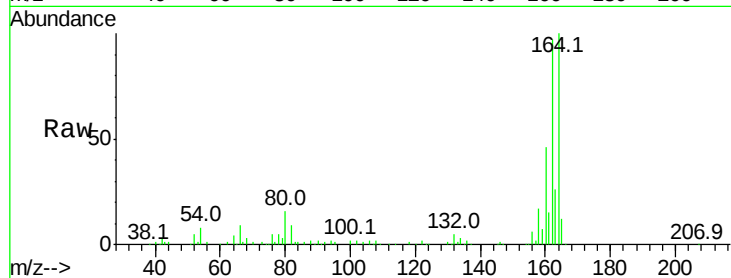




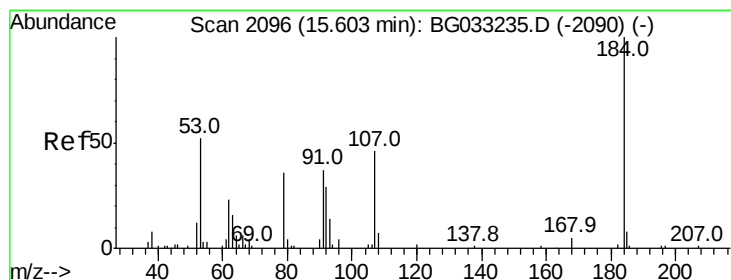
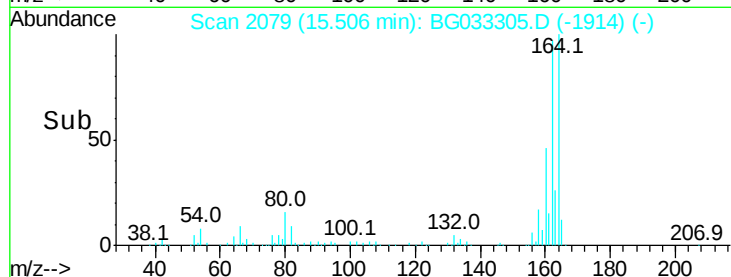
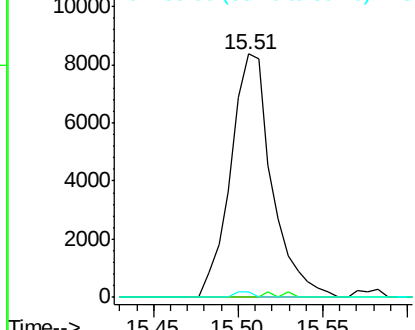
#50
 2,6-Dinitrotoluene
 Concen: 6.731 ng
 RT: 15.51 min Scan# 2079
 Delta R.T. 0.44 min
 Lab File: BG033305.D
 Acq: 22 Mar 2018 21:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 14234
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.2 49.2 73.8#

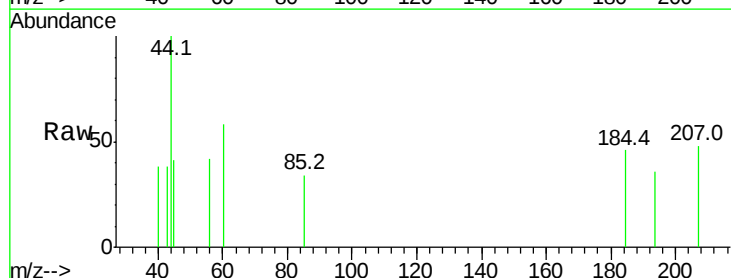


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

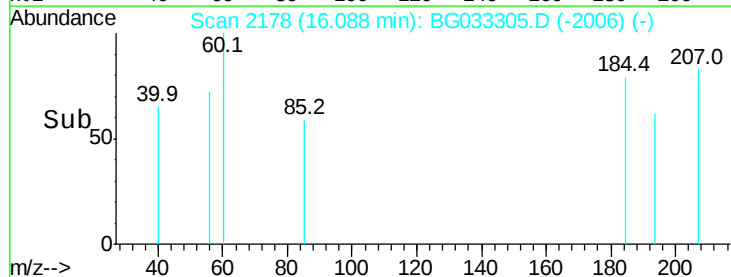
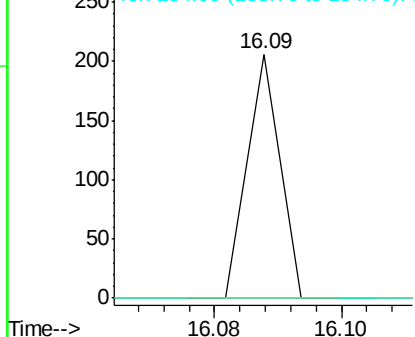


#53
 2,4-Dinitrophenol
 Concen: 7.703 ng
 RT: 16.09 min Scan# 2178
 Delta R.T. 0.48 min
 Lab File: BG033305.D
 Acq: 22 Mar 2018 21:43

Tgt Ion:184 Resp: 73
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

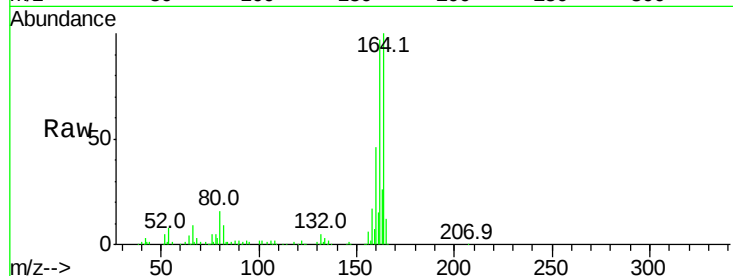




#56
2,4-Dinitrotoluene
Concen: 4.572 ng
RT: 15.51 min Scan# 2079
Delta R.T. -0.34 min
Lab File: BG033305.D
Acq: 22 Mar 2018 21:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#

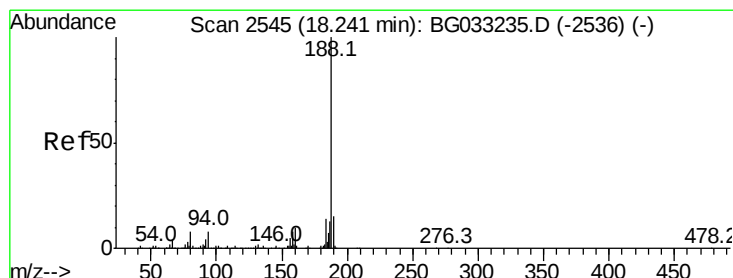
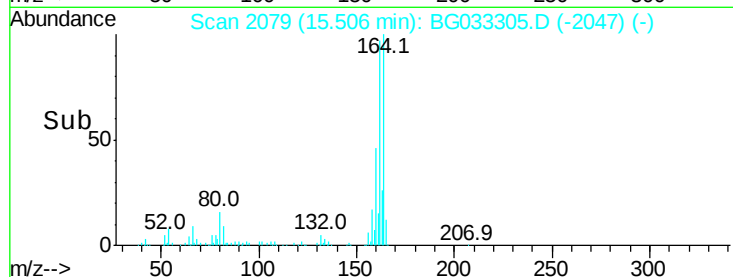
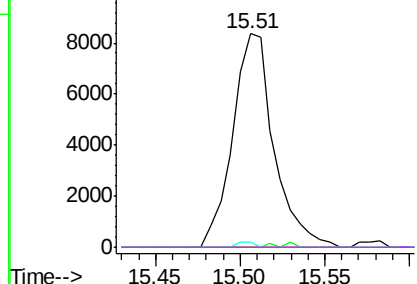


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

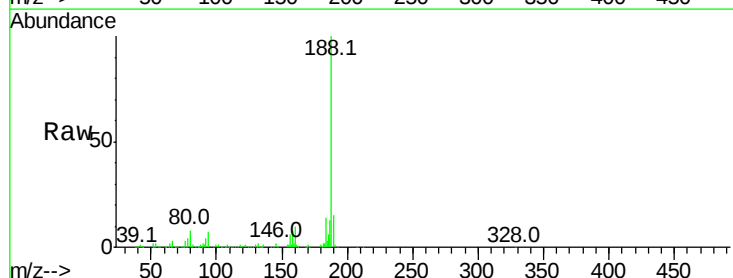
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BG033305.D
Acq: 22 Mar 2018 21:43

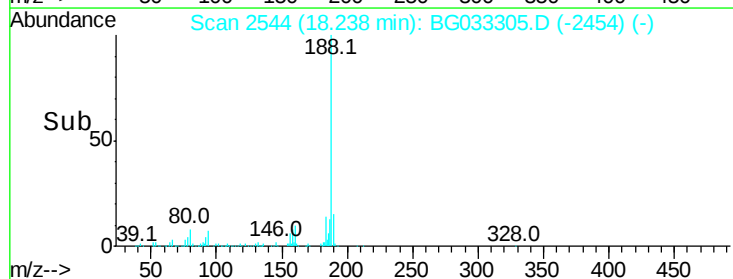
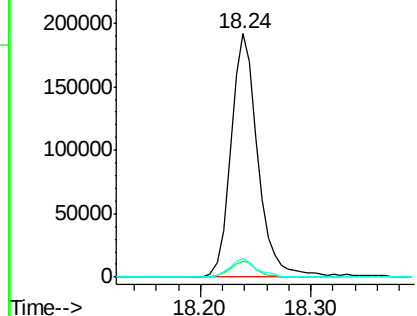
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.7	7.7	11.5



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

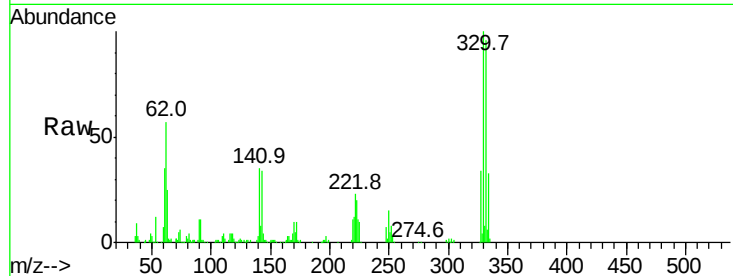




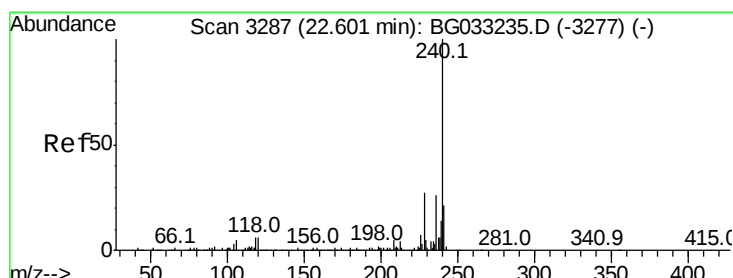
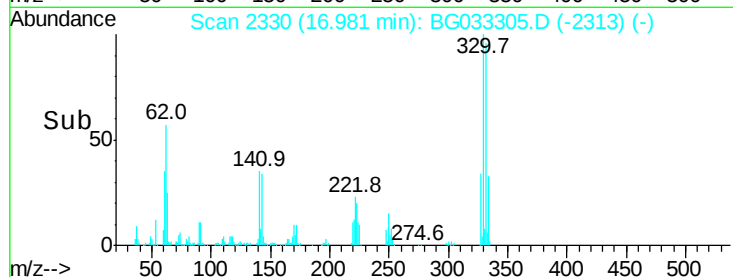
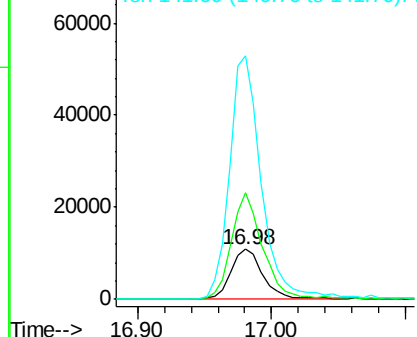
#66
4-Bromophenyl-phenylether
Concen: 4.813 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.43 min
Lab File: BG033305.D
Acq: 22 Mar 2018 21:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18525
Ion Ratio Lower Upper
248 100
250 211.9 77.1 115.7#
141 485.6 50.8 76.2#

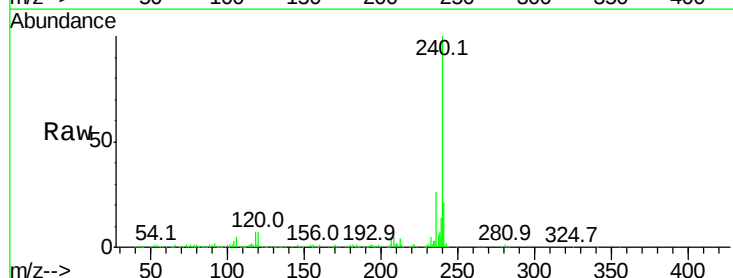


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

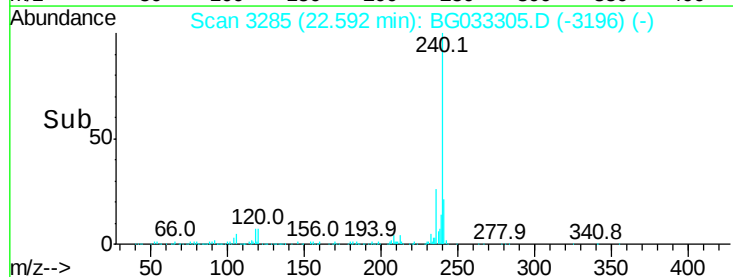
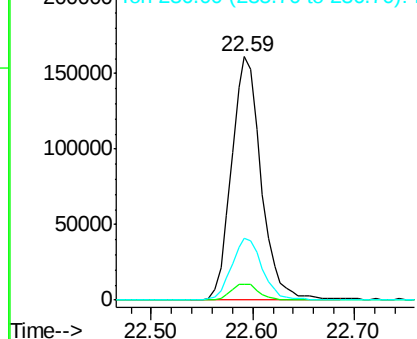


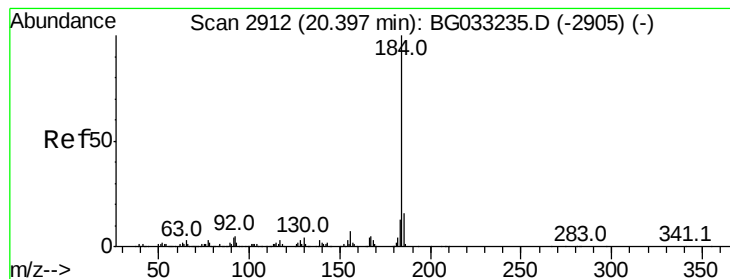
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.01 min
Lab File: BG033305.D
Acq: 22 Mar 2018 21:43

Tgt Ion:240 Resp: 326564
Ion Ratio Lower Upper
240 100
120 6.6 6.8 10.2#
236 25.6 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: 2.962 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.36 min

Lab File: BG033305.D

Acq: 22 Mar 2018 21:43

Instrument :

BNA_G

ClientSampled :

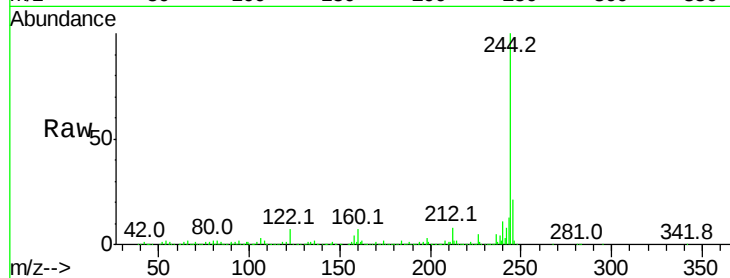
Tot Ion:184 Resp: 26233

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

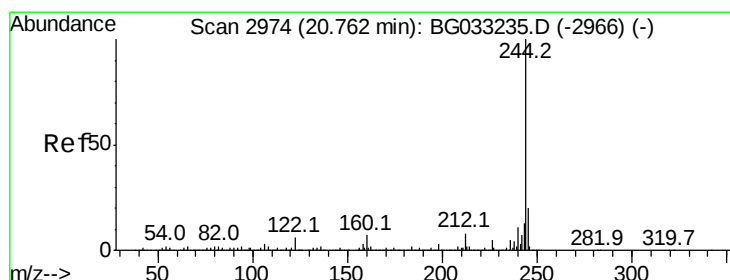
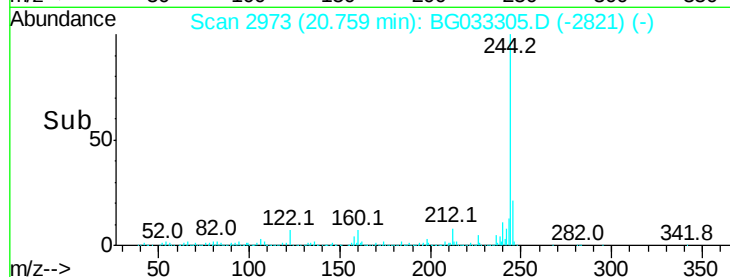
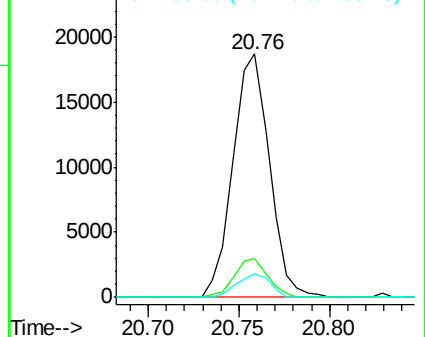
183 9.7 10.6 16.0#



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: 105.423 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033305.D

Acq: 22 Mar 2018 21:43

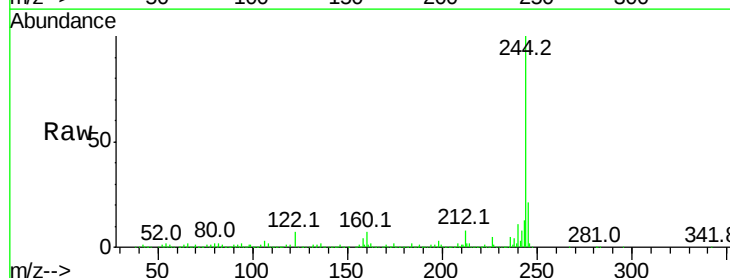
Tgt Ion:244 Resp: 1609801

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

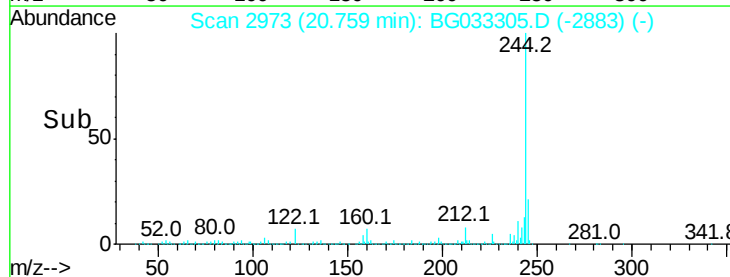
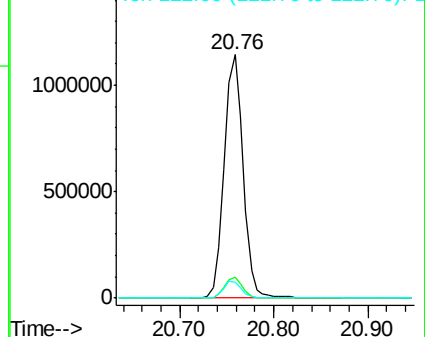
122 6.7 7.0 10.4#

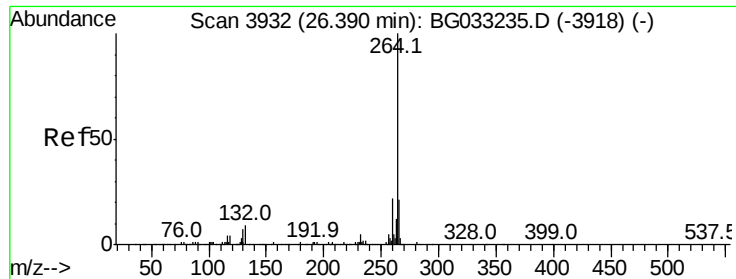


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3931
Delta R.T. -0.00 min
Lab File: BG033305.D
Acq: 22 Mar 2018 21:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.5	17.7	26.5

