

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033510.D
 Acq On : 3 Apr 2018 5:24
 Operator : SJ/JU
 Sample : J2114-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 07:23:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

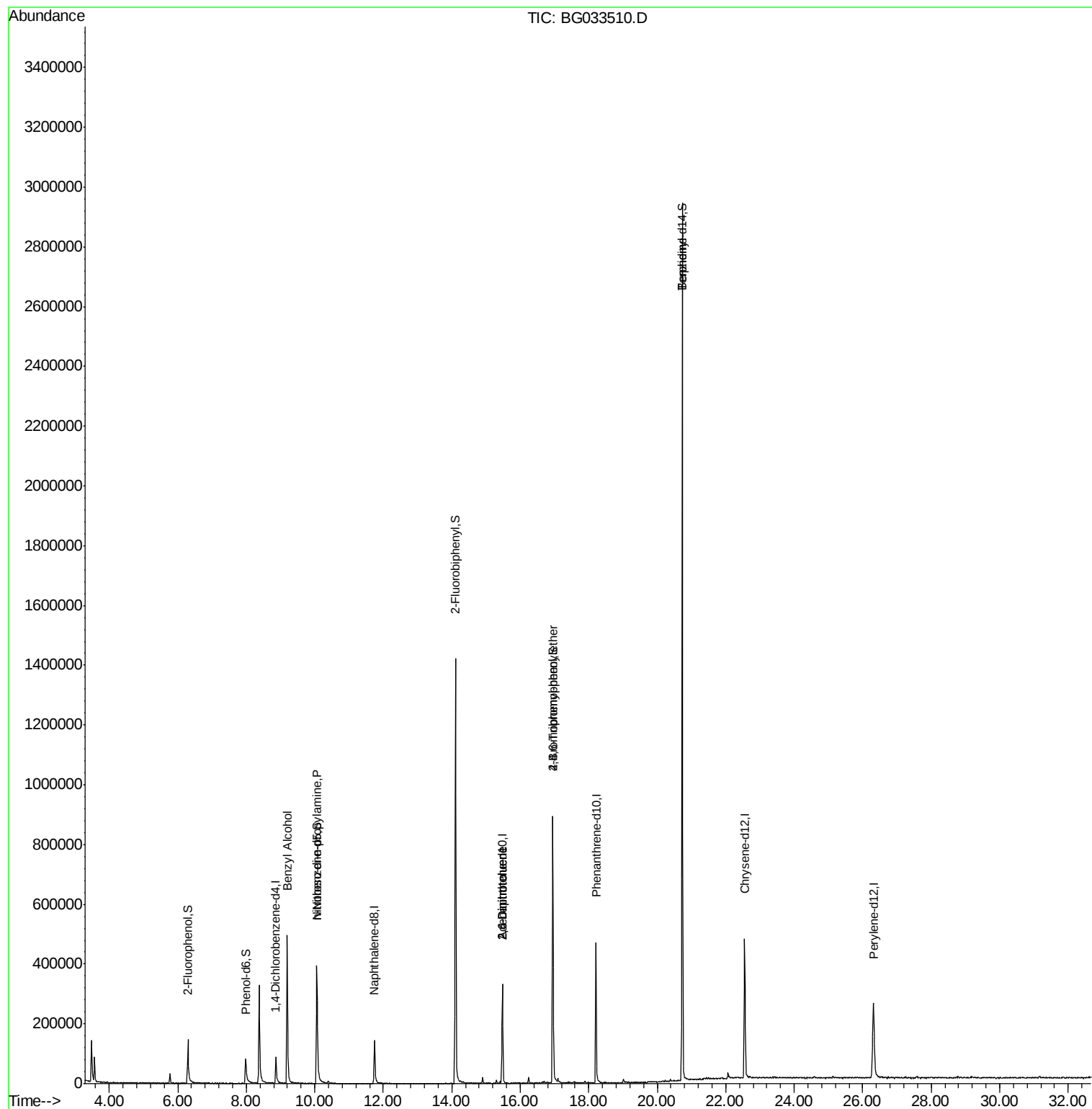
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32087	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	149467	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	124759	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	343429	20.00	ng	0.00
75) Chrysene-d12	22.55	240	339468	20.00	ng	0.00
86) Perylene-d12	26.31	264	364336	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	82195	48.03	ng	0.00
7) Phenol-d6	7.98	99	82568	28.08	ng	0.00
23) Nitrobenzene-d5	10.06	82	308627	94.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	180173	96.56	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	832674	96.35	ng	0.00
78) Terphenyl-d14	20.73	244	1462403	92.13	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5122	2.213	ng	# 24
19) n-Nitroso-di-n-propylamine	10.06	70	41281	19.161	ng	# 77
50) 2,6-Dinitrotoluene	15.47	165	15699	7.071	ng	# 18
56) 2,4-Dinitrotoluene	15.47	165	15698	4.802	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	13600	3.372	ng	# 1
76) Benzidine	20.73	184	24762	2.690	ng	95

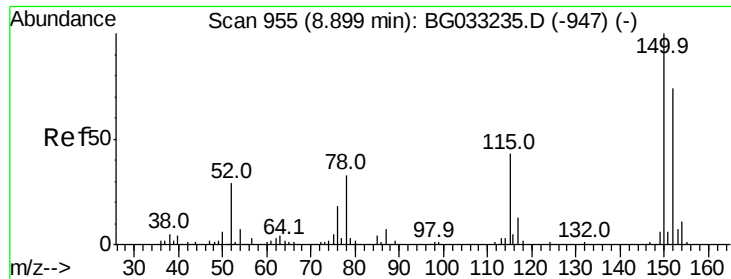
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033510.D
Acq On : 3 Apr 2018 5:24
Operator : SJ/JU
Sample : J2114-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 03 07:23:37 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration



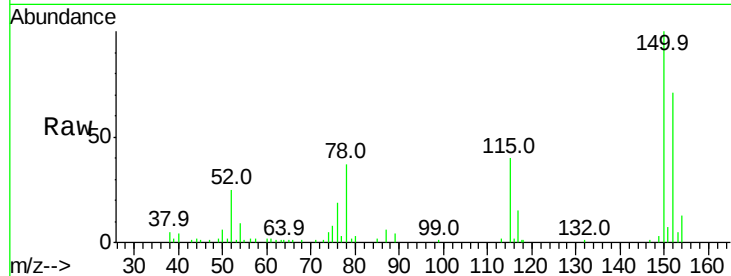


#1

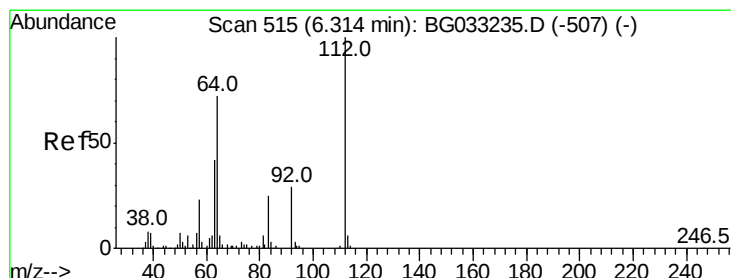
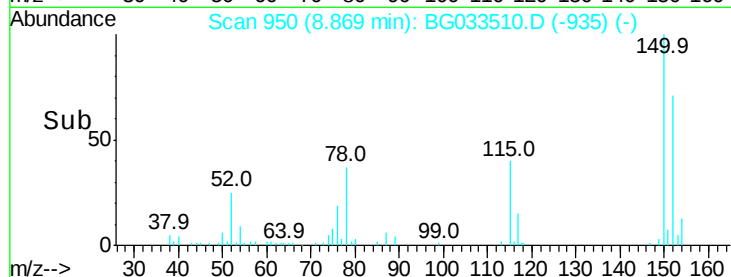
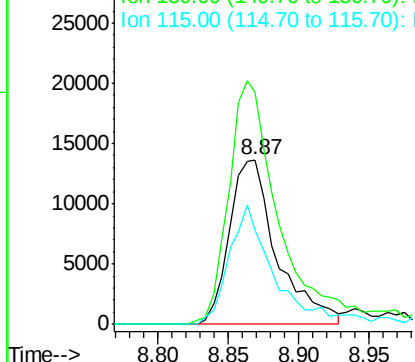
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033510.D
Acq: 3 Apr 2018 5:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 32087
Ion Ratio Lower Upper
152 100
150 141.0 126.6 189.8
115 56.9 53.0 79.4



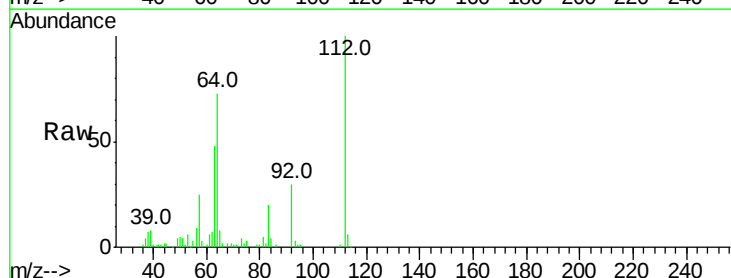
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



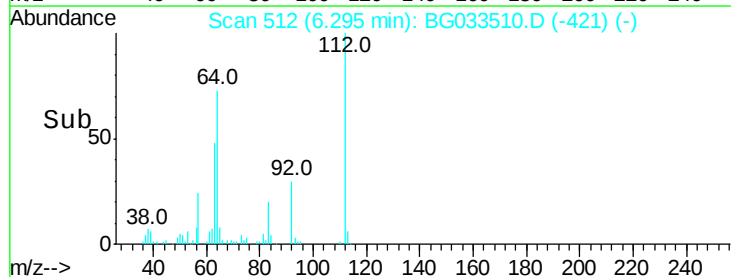
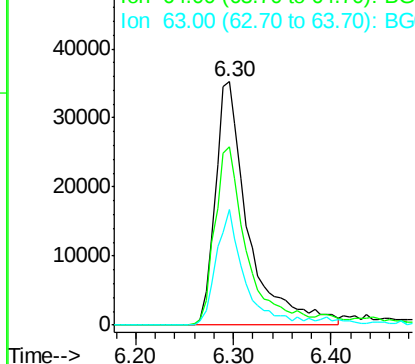
#5

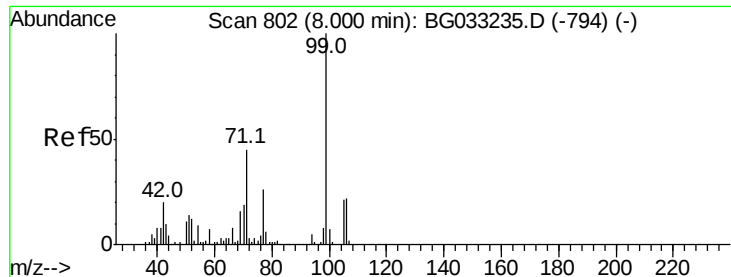
2-Fluorophenol
Concen: 48.034 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033510.D
Acq: 3 Apr 2018 5:24

Tgt Ion:112 Resp: 82195
Ion Ratio Lower Upper
112 100
64 73.1 56.3 84.5
63 47.5 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: 28.083 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033510.D

Acq: 3 Apr 2018 5:24

Instrument :

BNA_G

ClientSampleId :

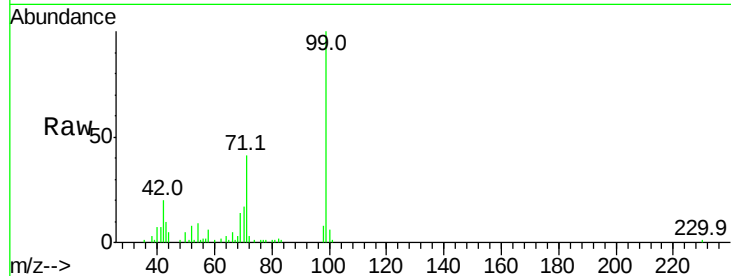
Tot Ion: 99 Resp: 82568

Ion Ratio Lower Upper

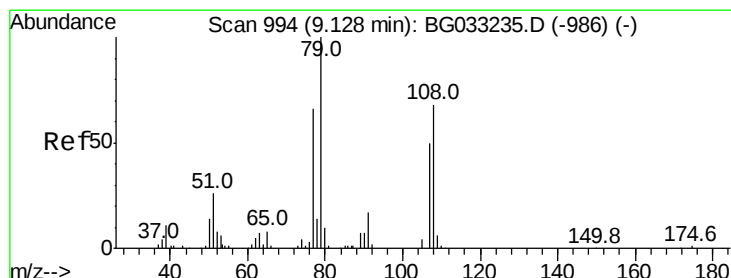
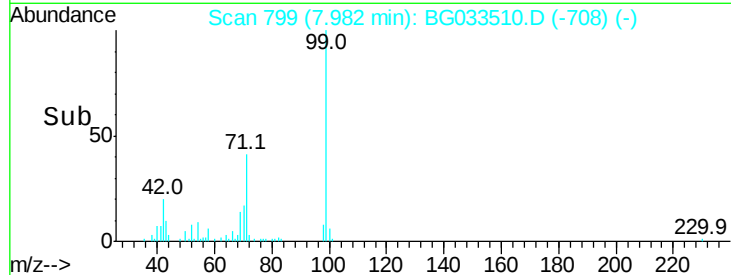
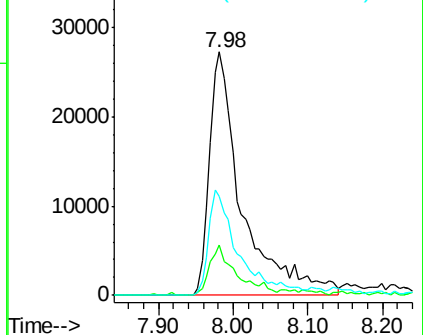
99 100

42 20.4 14.1 21.1

71 40.6 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: 2.213 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.08 min

Lab File: BG033510.D

Acq: 3 Apr 2018 5:24

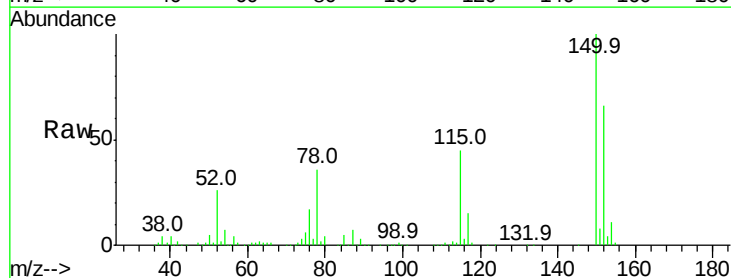
Tgt Ion: 79 Resp: 5122

Ion Ratio Lower Upper

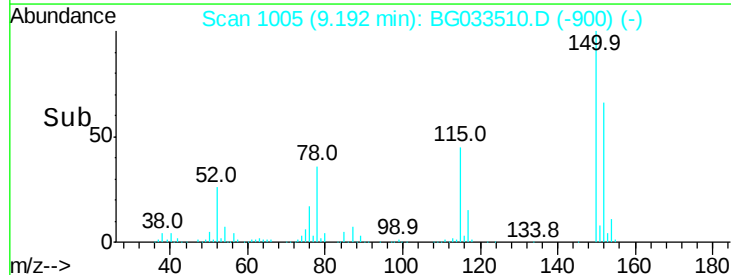
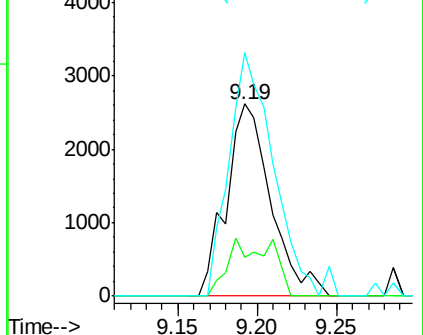
79 100

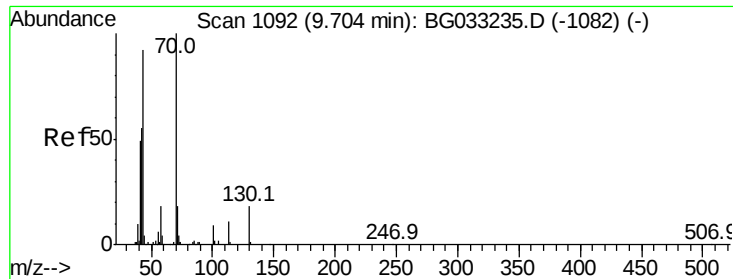
108 20.4 57.2 85.8#

77 126.7 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

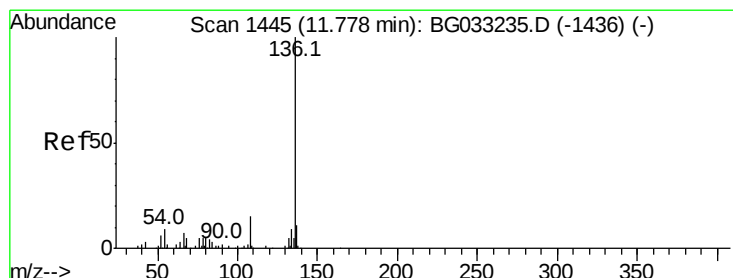
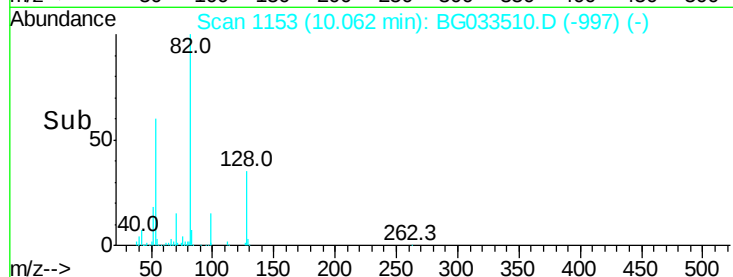
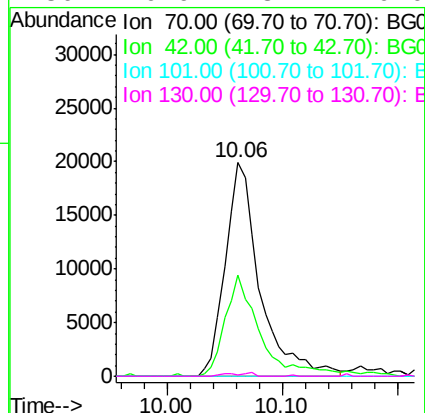
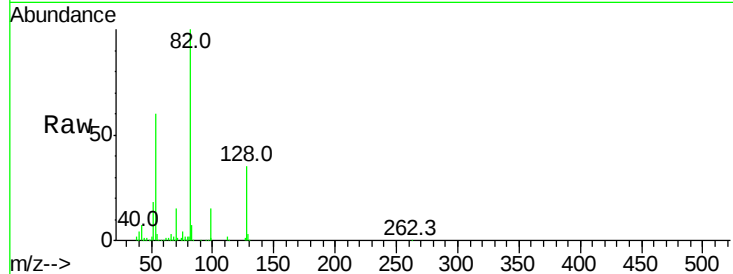




#19
 n-Nitroso-di-n-propylamine
 Concen: 19.161 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.38 min
 Lab File: BG033510.D
 Acq: 3 Apr 2018 5:24

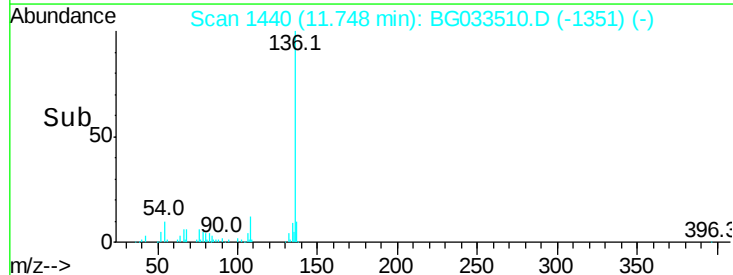
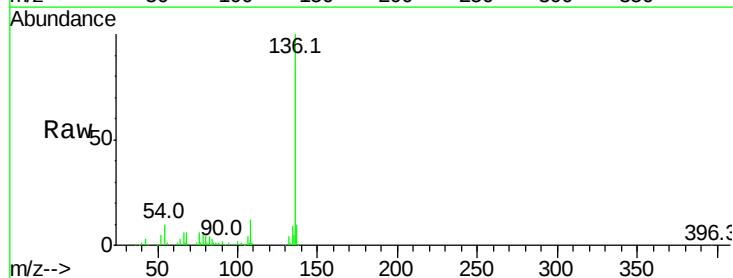
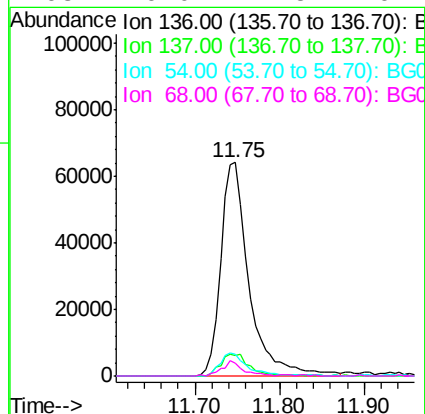
Instrument :
 BNA_G
 ClientSampleId :

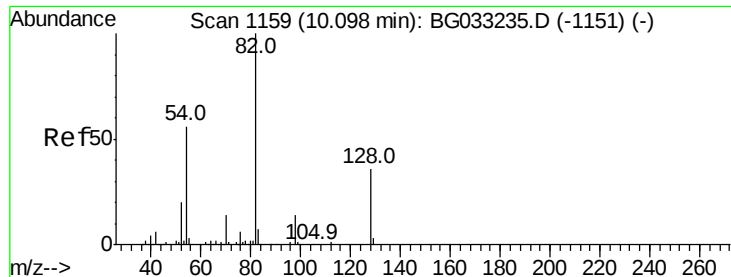
Tot Ion: 70 Resp: 41281
 Ion Ratio Lower Upper
 70 100
 42 47.5 49.1 73.7#
 101 0.0 8.5 12.7#
 130 0.9 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.75 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BG033510.D
 Acq: 3 Apr 2018 5:24

Tgt Ion: 136 Resp: 149467
 Ion Ratio Lower Upper
 136 100
 137 9.9 9.2 13.8
 54 10.4 10.3 15.5
 68 6.0 4.5 6.7



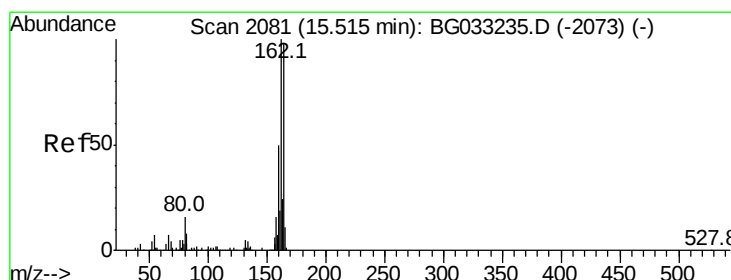
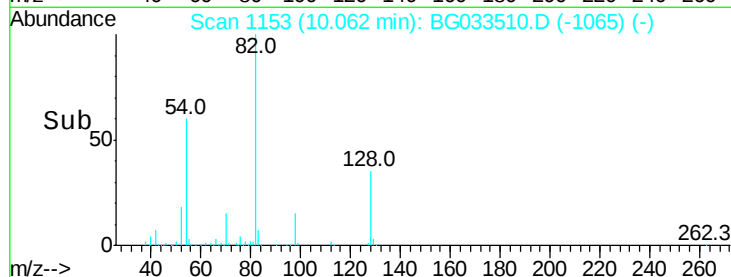
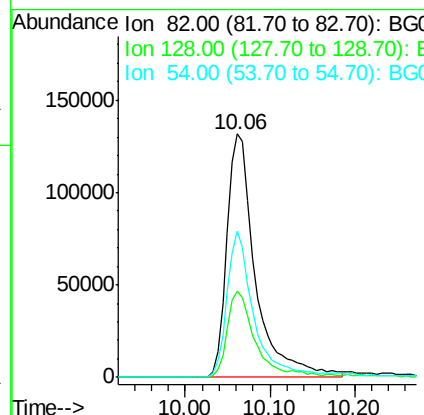
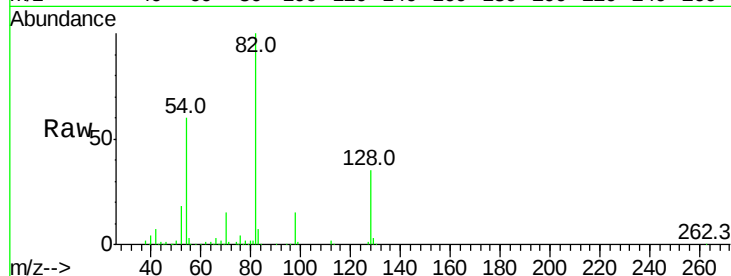


#23
 Nitrobenzene-d5
 Concen: 94.868 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BG033510.D
 Acq: 3 Apr 2018 5:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 308627

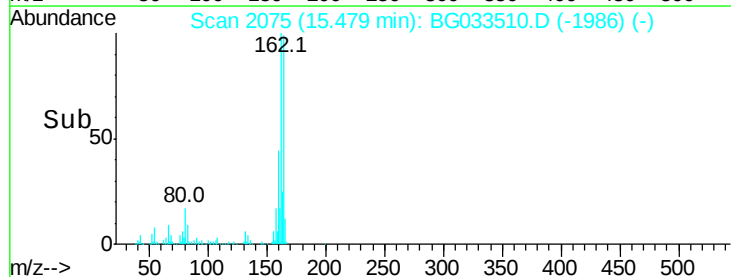
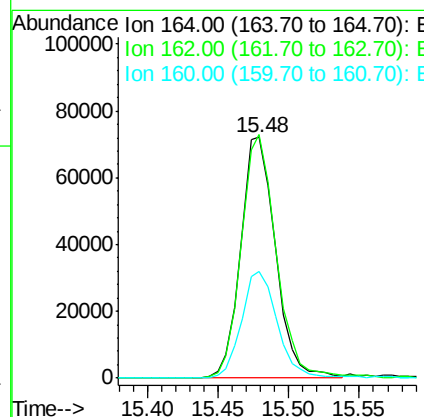
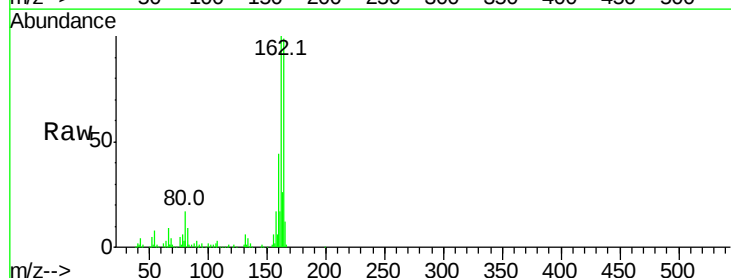
Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	59.8	43.1	64.7

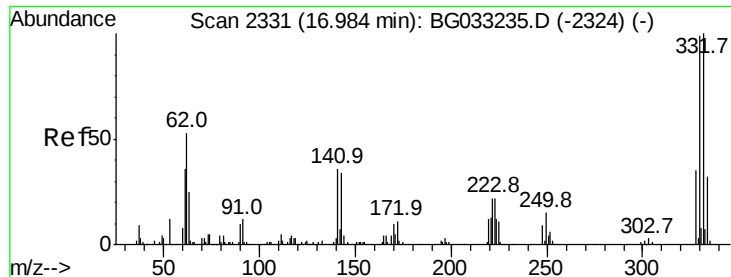


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033510.D
 Acq: 3 Apr 2018 5:24

Tgt Ion: 164 Resp: 124759

Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	44.2	35.4	53.0

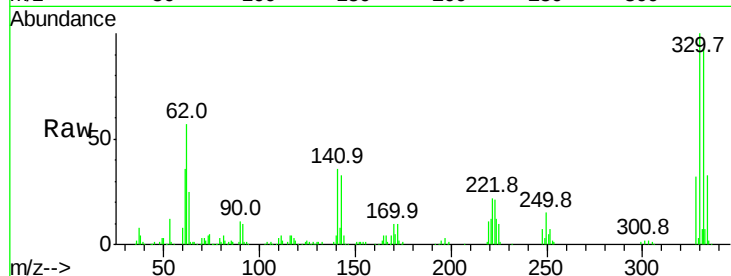




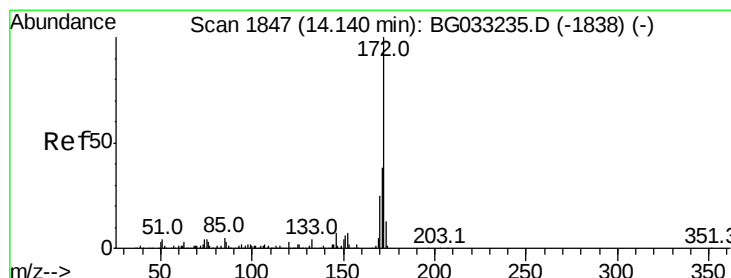
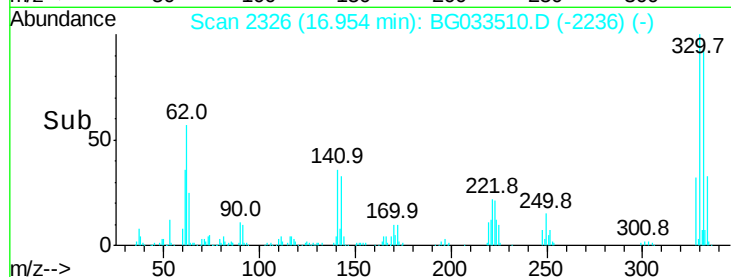
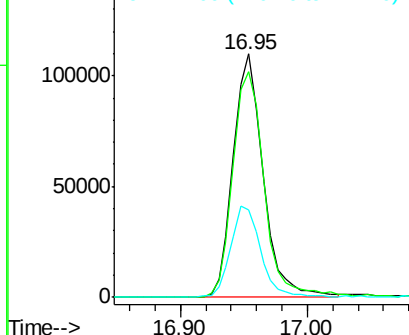
#41
 2,4,6-Tribromophenol
 Concen: 96.560 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033510.D
 Acq: 3 Apr 2018 5:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	37.9	25.2	37.8#

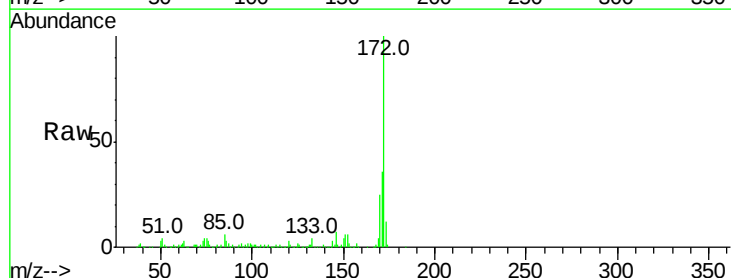


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

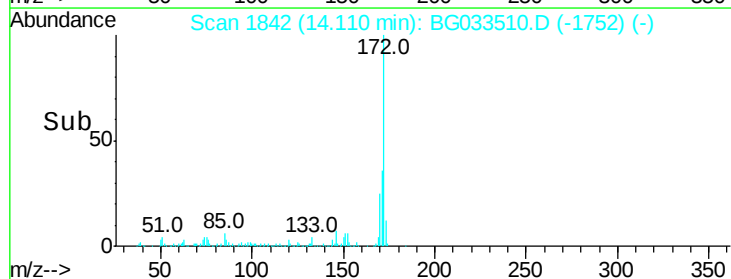
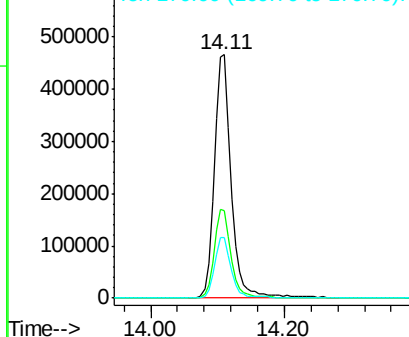


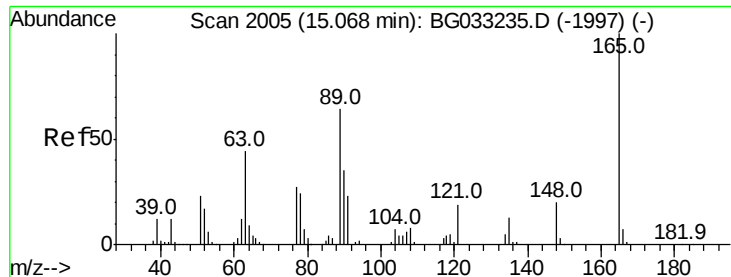
#44
 2-Fluorobiphenyl
 Concen: 96.352 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033510.D
 Acq: 3 Apr 2018 5:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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

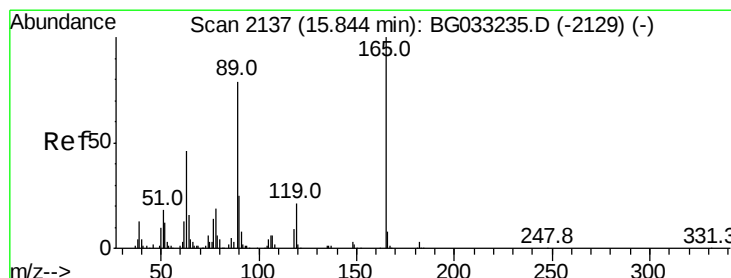
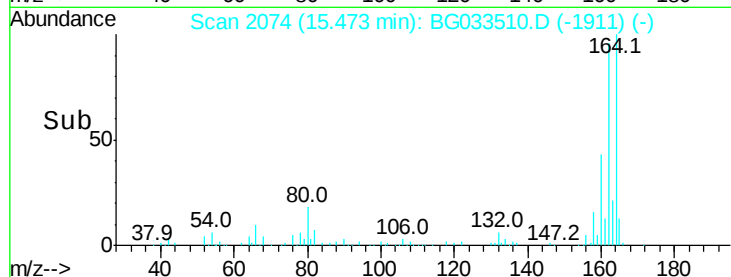
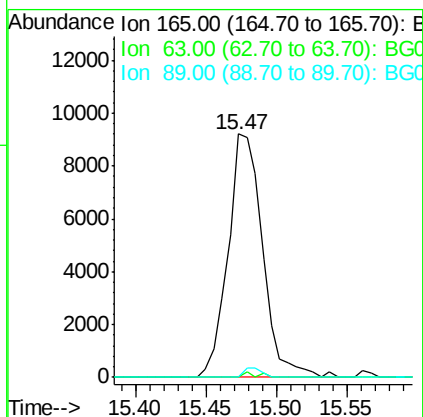
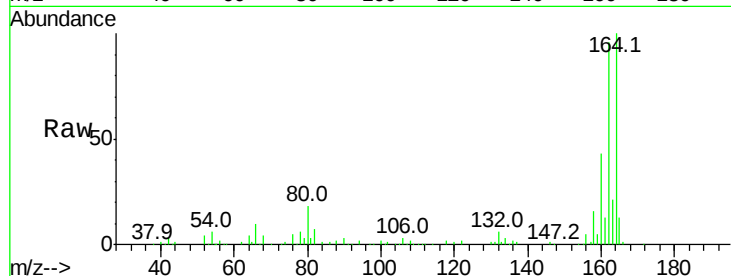




#50
 2,6-Dinitrotoluene
 Concen: 7.071 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.43 min
 Lab File: BG033510.D
 Acq: 3 Apr 2018 5:24

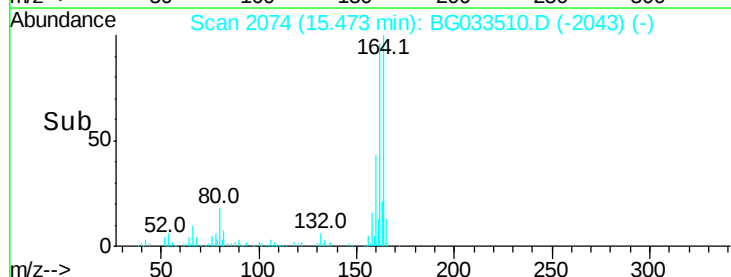
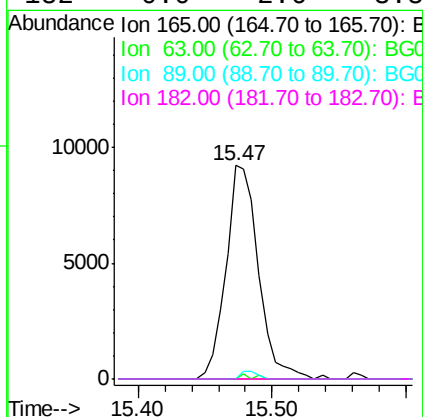
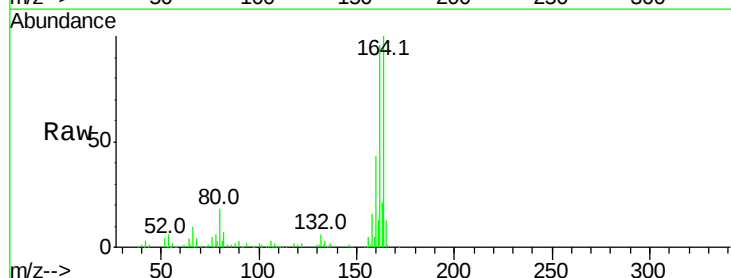
Instrument :
 BNA_G
 ClientSampleId :

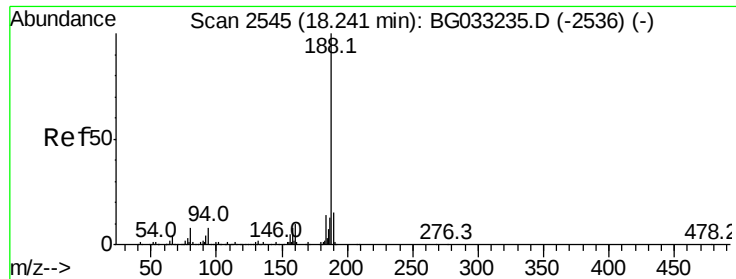
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.802 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.35 min
 Lab File: BG033510.D
 Acq: 3 Apr 2018 5:24

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#

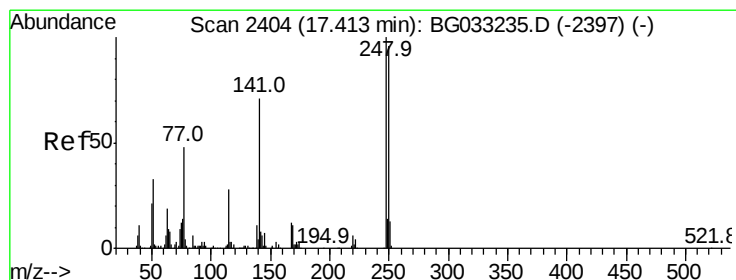
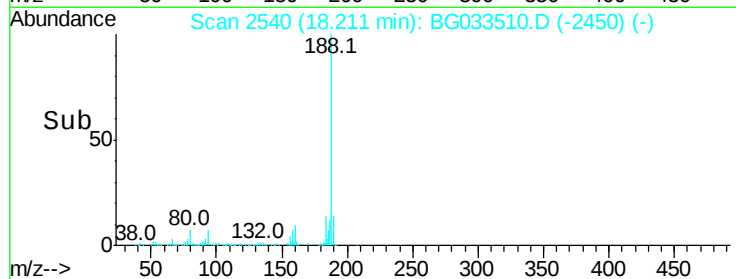
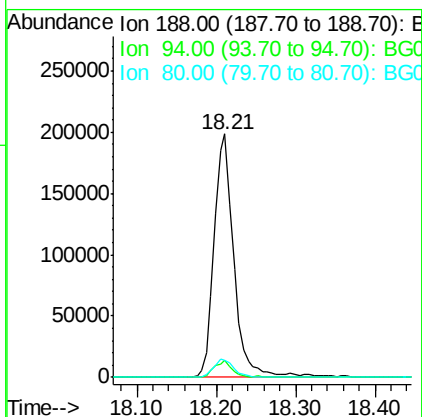
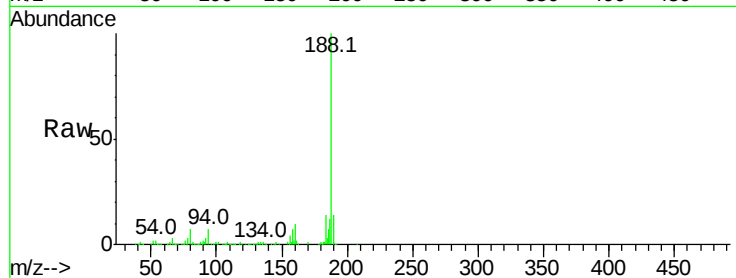




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033510.D
Acq: 3 Apr 2018 5:24

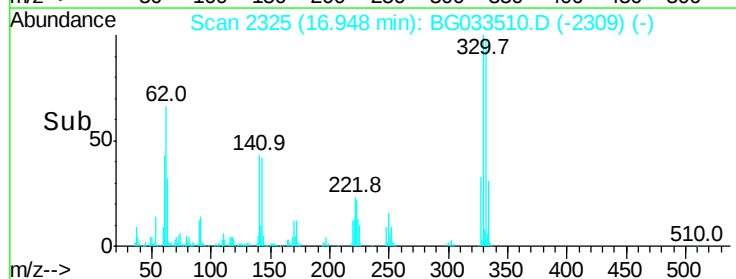
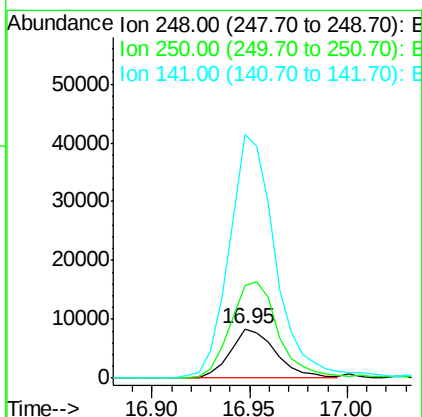
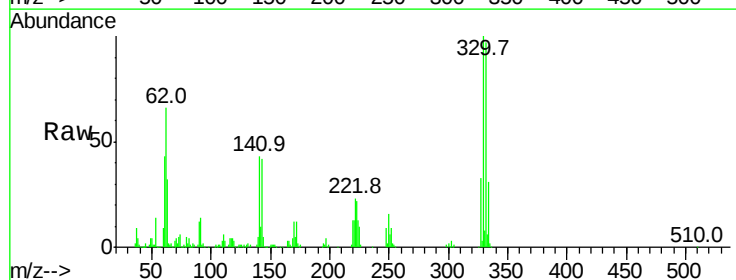
Instrument :
BNA_G
ClientSampleId :

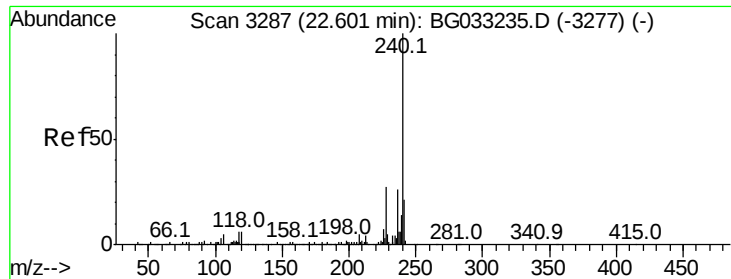
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	6.8	7.7	11.5#



#66
4-Bromophenyl-phenylether
Concen: 3.372 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033510.D
Acq: 3 Apr 2018 5:24

Tgt Ion	Ratio	Lower	Upper
248	100		
250	189.9	77.1	115.7#
141	496.2	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033510.D

Acq: 3 Apr 2018 5:24

Instrument :

BNA_G

ClientSampleId :

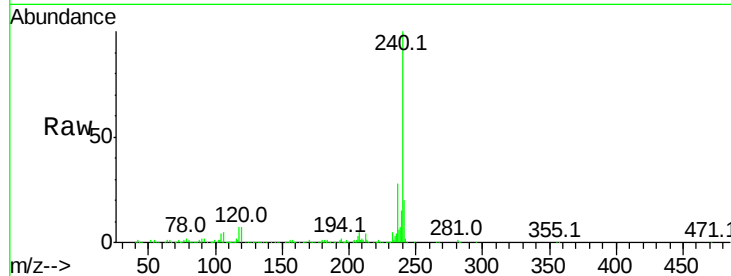
Tot Ion:240 Resp: 339468

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

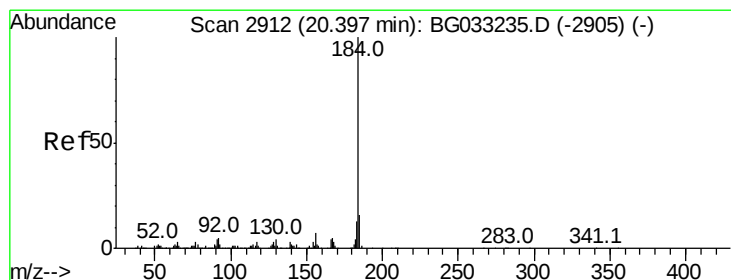
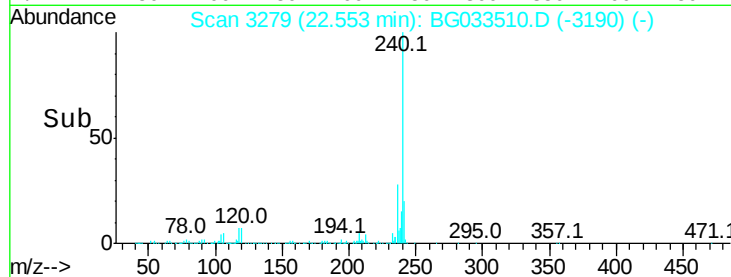
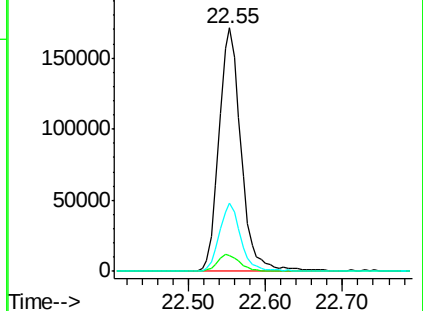
236 28.0 20.9 31.3



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: 2.690 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033510.D

Acq: 3 Apr 2018 5:24

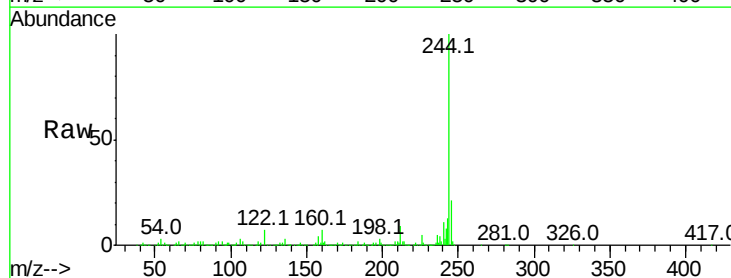
Tgt Ion:184 Resp: 24762

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

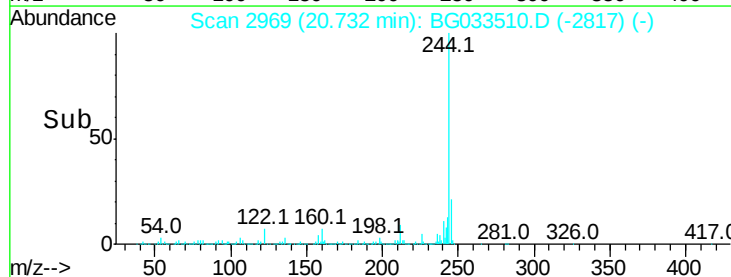
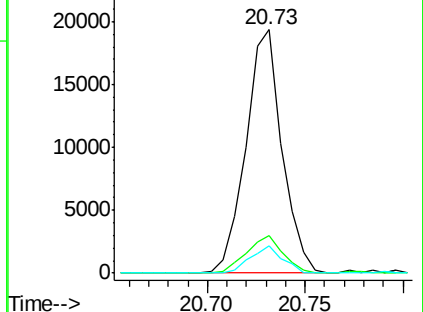
183 11.0 10.6 16.0

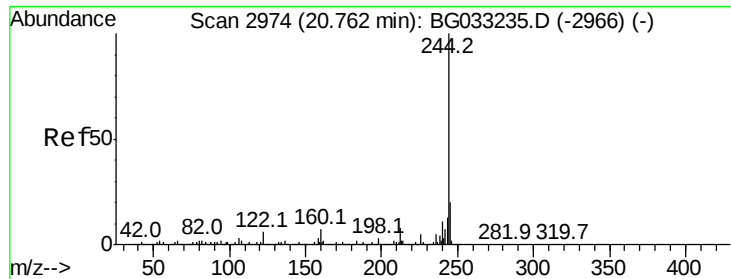


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 92.130 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033510.D

Acq: 3 Apr 2018 5:24

Instrument :

BNA_G

ClientSampleId :

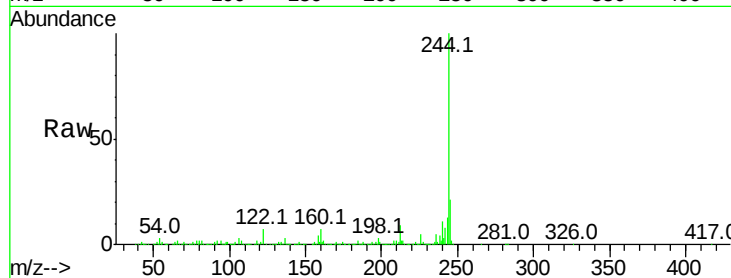
Tot Ion:244 Resp: 1462403

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	7.2	7.0	10.4

244 100

212 8.9 5.8 8.8#

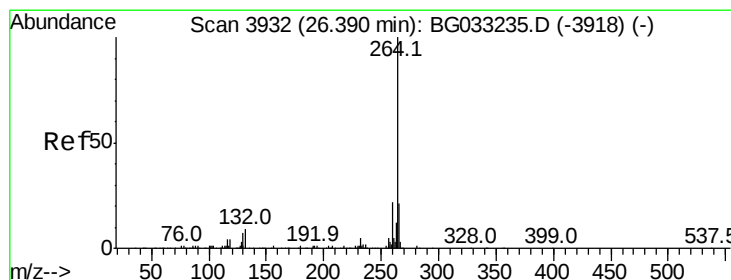
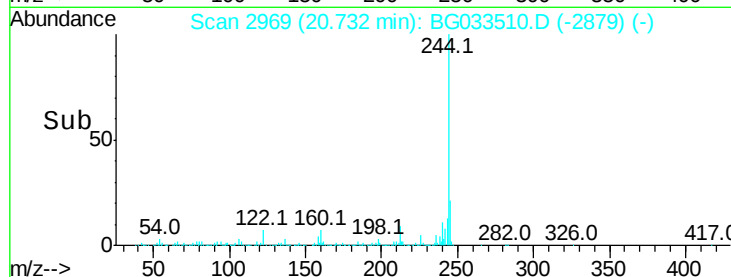
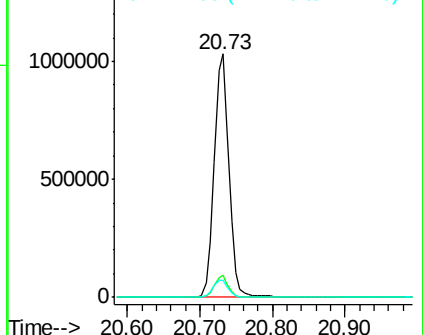
122 7.2 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.31 min Scan# 3918

Delta R.T. -0.03 min

Lab File: BG033510.D

Acq: 3 Apr 2018 5:24

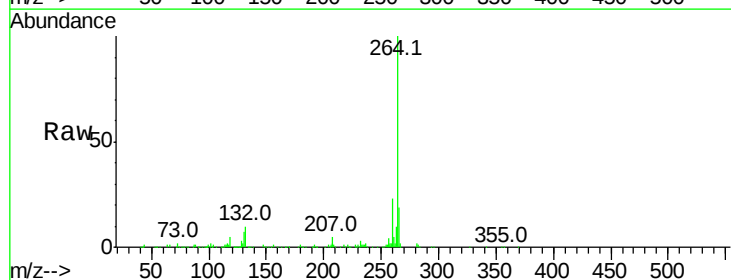
Tgt Ion:264 Resp: 364336

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	19.1	17.7	26.5

264 100

260 22.7 17.4 26.0

265 19.1 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

