

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033520.D
 Acq On : 3 Apr 2018 11:35
 Operator : SJ/JU
 Sample : J2114-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 14:51:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33418	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	148882	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	124262	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	328256	20.00	ng	0.00
75) Chrysene-d12	22.55	240	331027	20.00	ng	0.00
86) Perylene-d12	26.32	264	352956	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	78227	43.89	ng	0.00
7) Phenol-d6	7.98	99	86760	28.33	ng	0.00
23) Nitrobenzene-d5	10.06	82	307438	94.87	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	160004	86.09	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	805899	93.63	ng	0.00
78) Terphenyl-d14	20.73	244	1382736	89.33	ng	0.00

Target Compounds

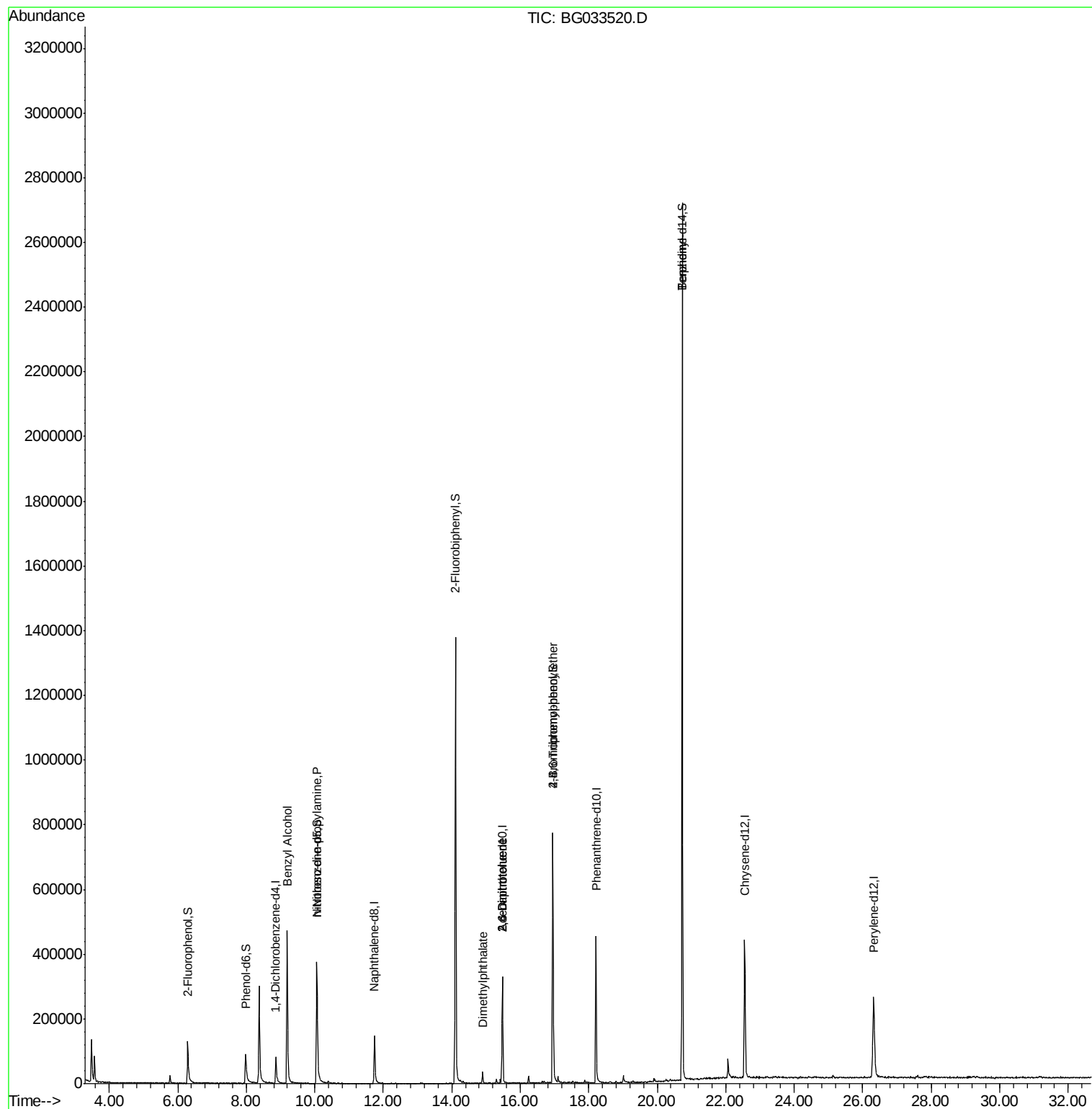
						Qvalue
15) Benzyl Alcohol	9.19	79	5004	2.076	ng	# 49
19) n-Nitroso-di-n-propylamine	10.06	70	42315	18.858	ng	# 74
49) Dimethylphthalate	14.90	163	23881	2.208	ng	# 98
50) 2,6-Dinitrotoluene	15.47	165	16027	7.248	ng	# 19
56) 2,4-Dinitrotoluene	15.47	165	16027	4.923	ng	# 17
66) 4-Bromophenyl-phenylether	16.95	248	12325	3.197	ng	# 1
76) Benizidine	20.73	184	24787	2.761	ng	# 93

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

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QLast Update : Tue Apr 03 14:50:26 2018
Response via : Initial Calibration



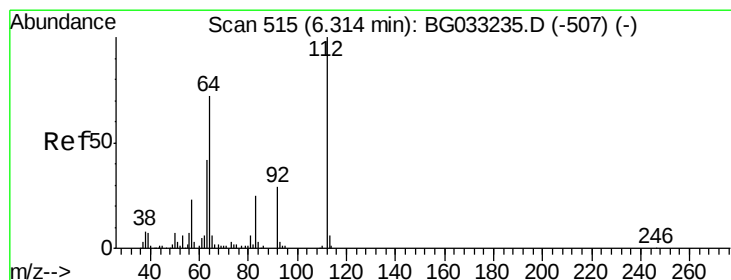
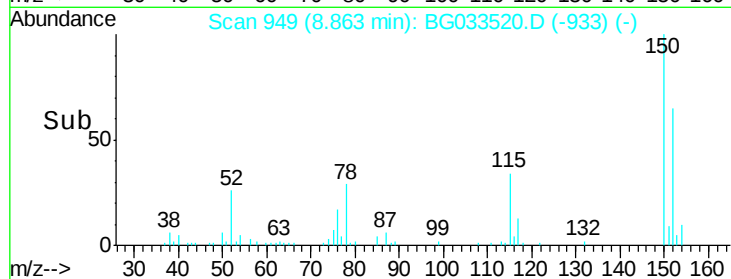
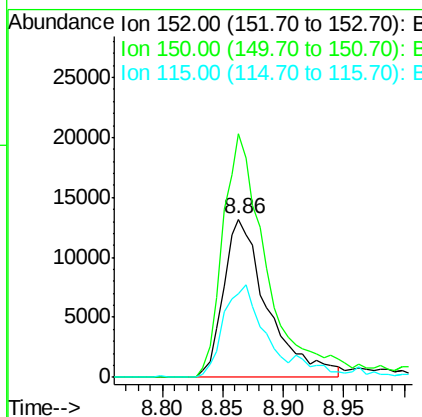
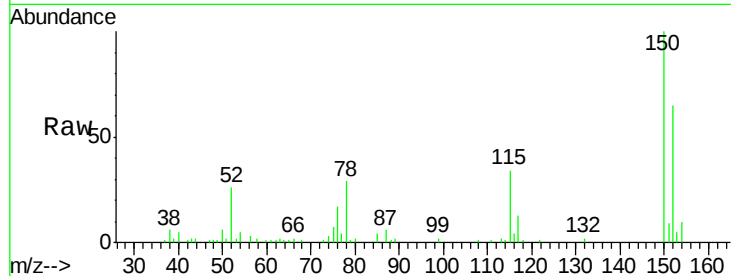


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033520.D
Acq: 3 Apr 2018 11:35

Instrument :
BNA_G
ClientSampled :

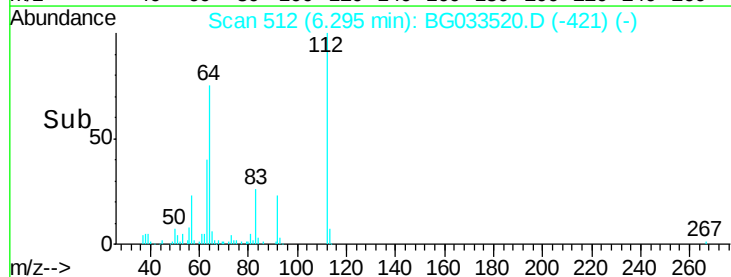
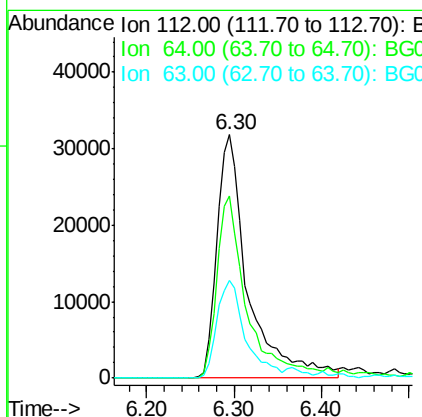
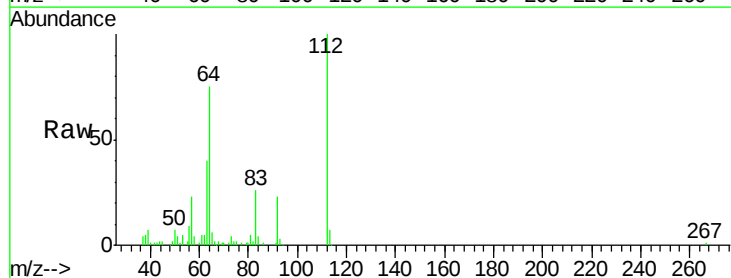
Tot Ion:152 Resp: 33418
Ion Ratio Lower Upper
152 100
150 154.2 126.6 189.8
115 52.7 53.0 79.4#



#5

2-Fluorophenol
Concen: 43.894 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033520.D
Acq: 3 Apr 2018 11:35

Tgt Ion:112 Resp: 78227
Ion Ratio Lower Upper
112 100
64 75.0 56.3 84.5
63 40.2 30.1 45.1





#7

Phenol-d6

Concen: 28.333 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033520.D

Acq: 3 Apr 2018 11:35

Instrument :

BNA_G

ClientSampleId :

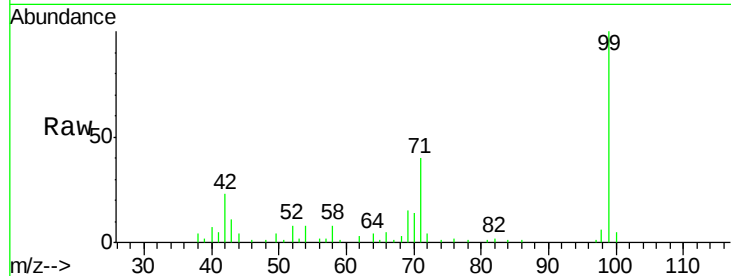
Tot Ion: 99 Resp: 86760

Ion Ratio Lower Upper

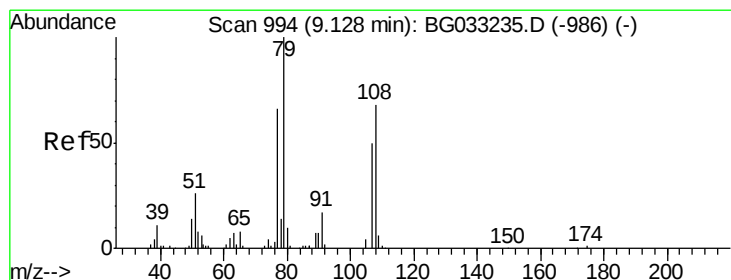
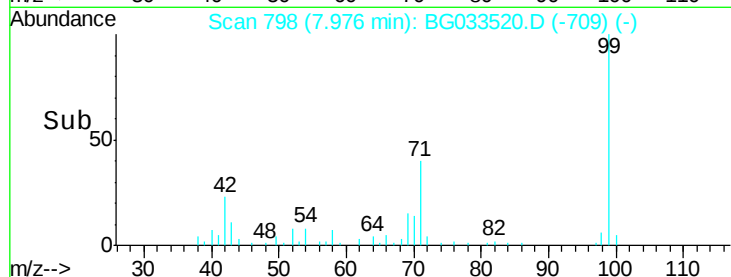
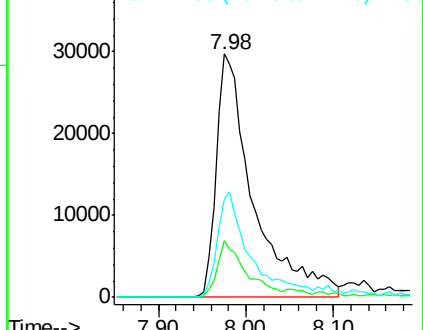
99 100

42 23.4 14.1 21.1#

71 40.0 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: 2.076 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033520.D

Acq: 3 Apr 2018 11:35

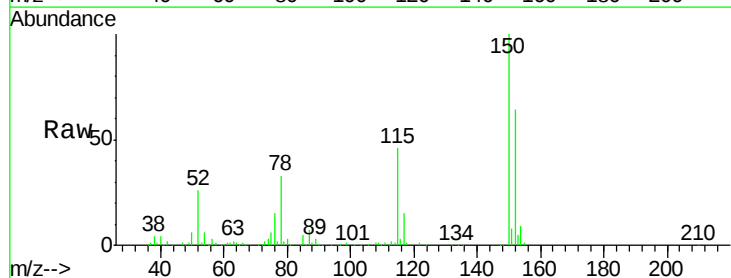
Tgt Ion: 79 Resp: 5004

Ion Ratio Lower Upper

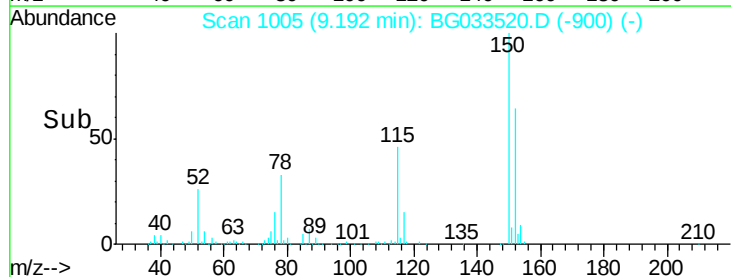
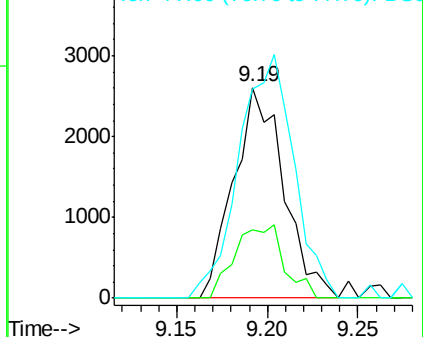
79 100

108 32.5 57.2 85.8#

77 99.4 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

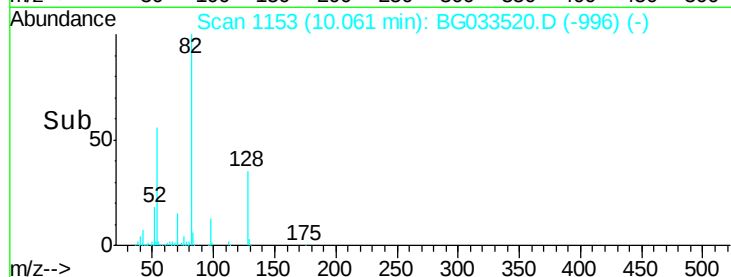
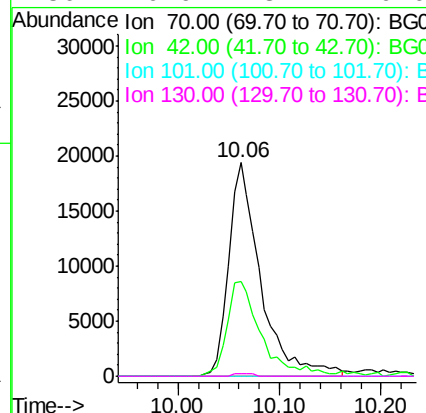
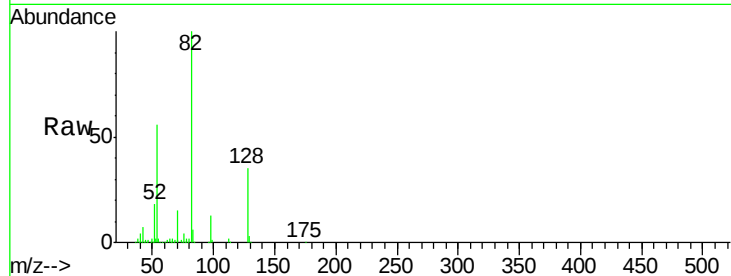




#19
n-Nitroso-di-n-propylamine
Concen: 18.858 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033520.D
Acq: 3 Apr 2018 11:35

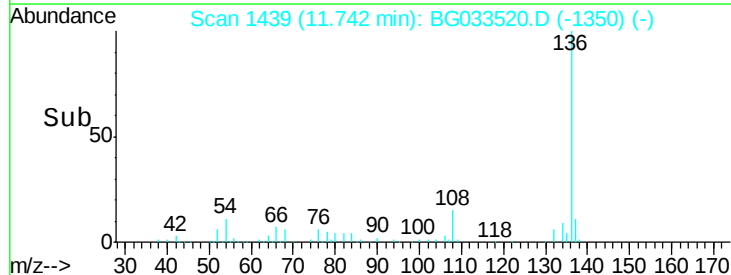
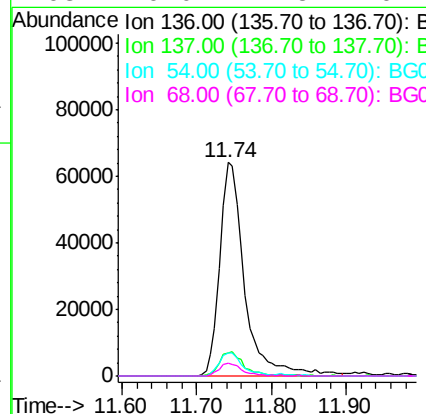
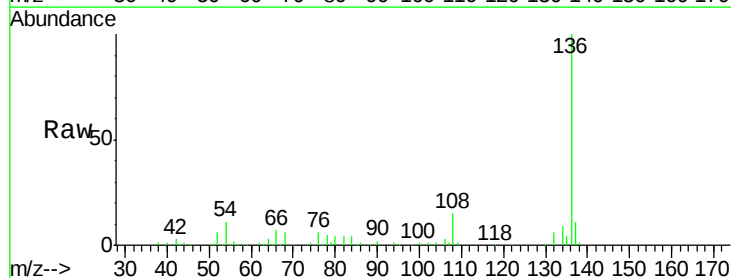
Instrument :
BNA_G
ClientSampleId :

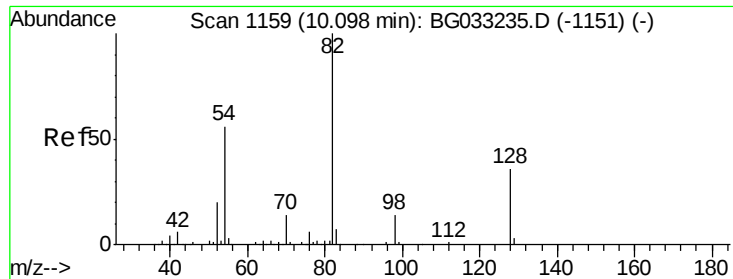
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.4	49.1	73.7#
101	0.0	8.5	12.7#
130	0.9	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033520.D
Acq: 3 Apr 2018 11:35

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	10.9	10.3	15.5
68	6.0	4.5	6.7

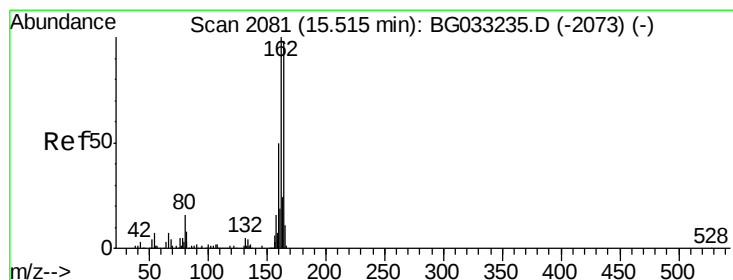
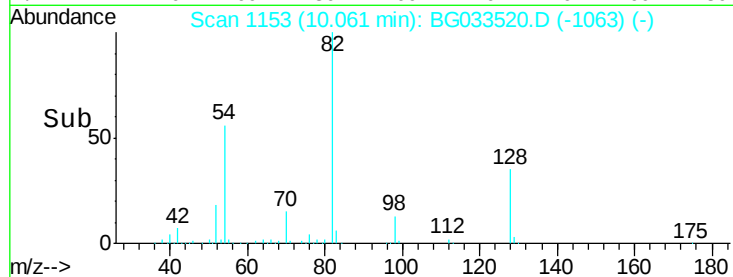
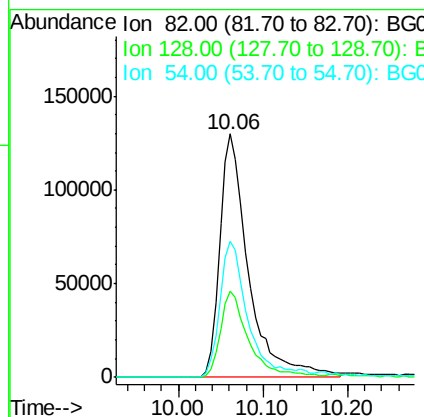
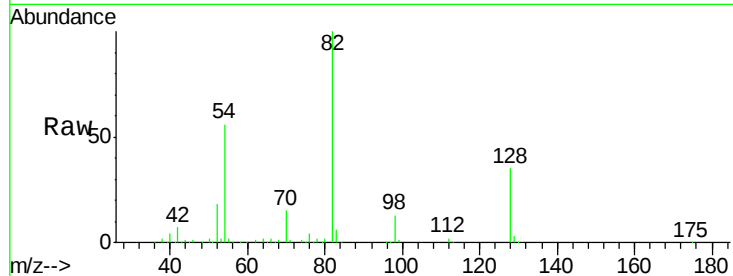




#23
 Nitrobenzene-d5
 Concen: 94.873 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033520.D
 Acq: 3 Apr 2018 11:35

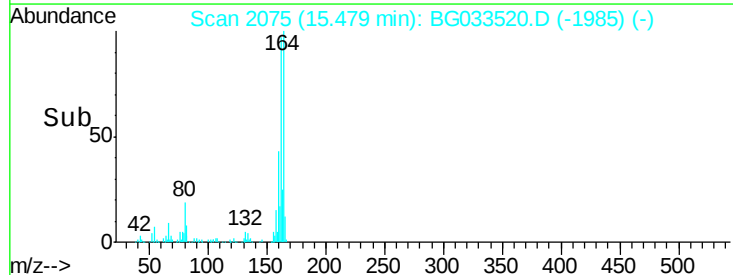
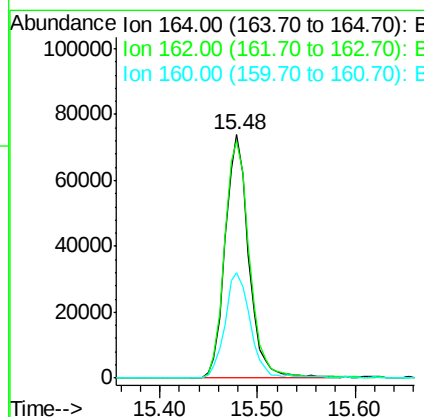
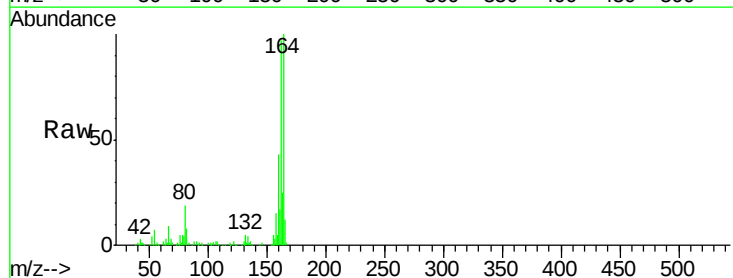
Instrument :
 BNA_G
 ClientSampleId :

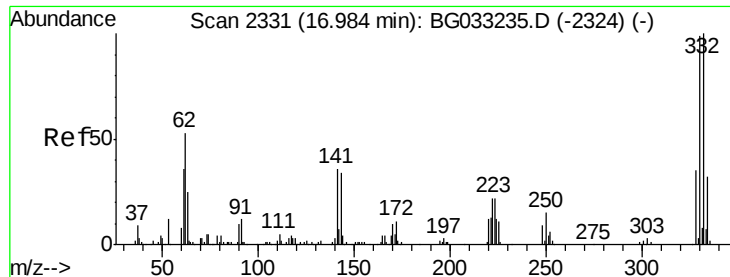
Tot Ion	82	Resp	307438
Ion Ratio	Lower	Upper	
82	100		
128	35.3	29.7	44.5
54	56.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033520.D
 Acq: 3 Apr 2018 11:35

Tgt Ion	164	Resp	124262
Ion Ratio	Lower	Upper	
164	100		
162	97.3	78.8	118.2
160	43.1	35.4	53.0

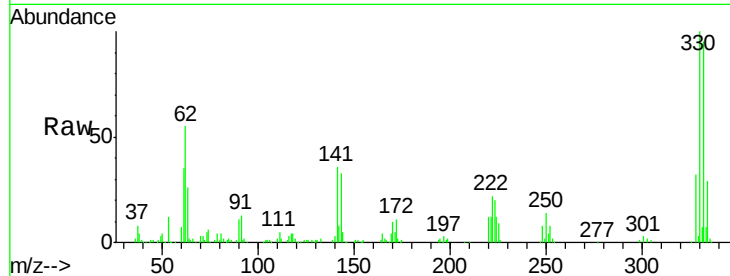




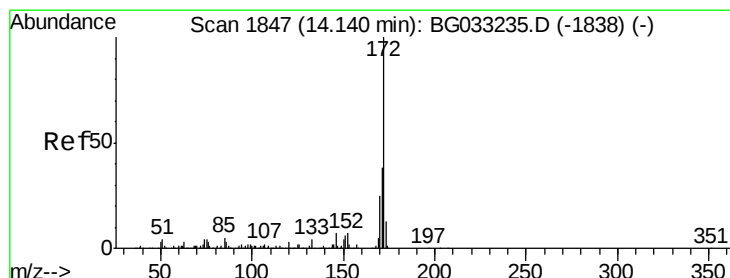
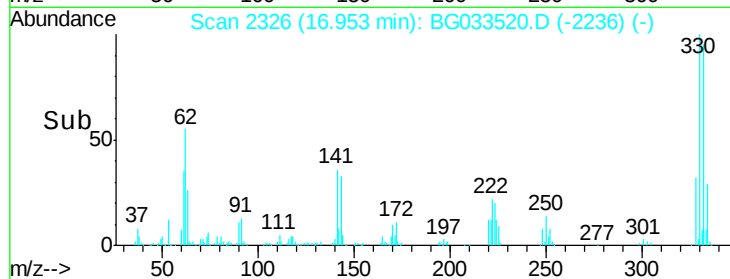
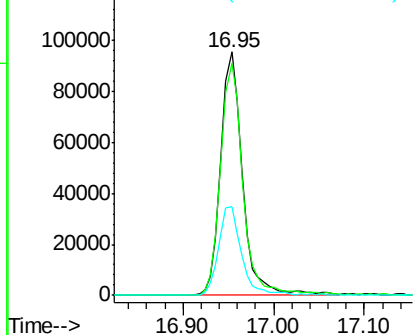
#41
 2,4,6-Tribromophenol
 Concen: 86.094 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033520.D
 Acq: 3 Apr 2018 11:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	37.8	25.2	37.8#

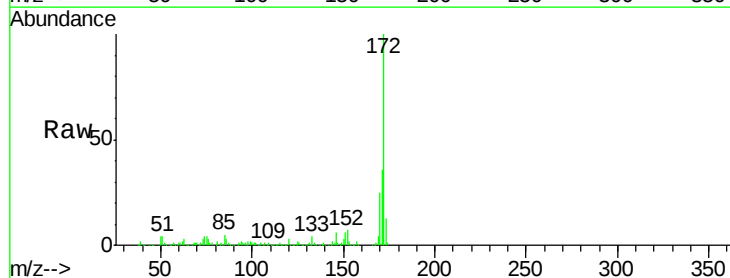


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

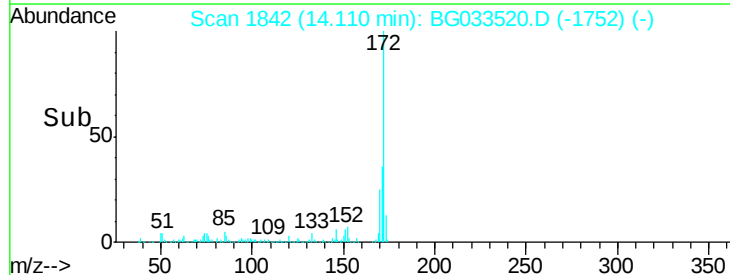
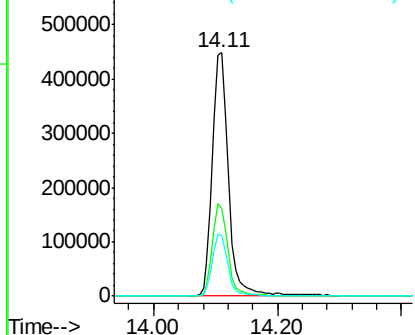


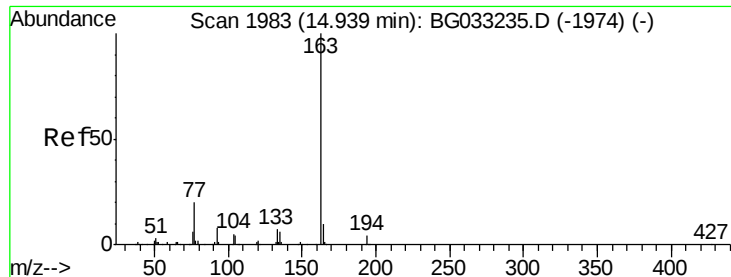
#44
 2-Fluorobiphenyl
 Concen: 93.627 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033520.D
 Acq: 3 Apr 2018 11:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	24.7	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

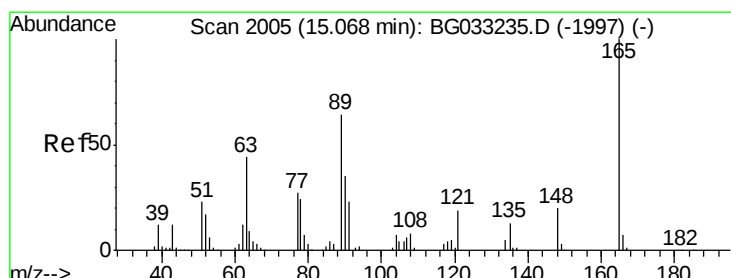
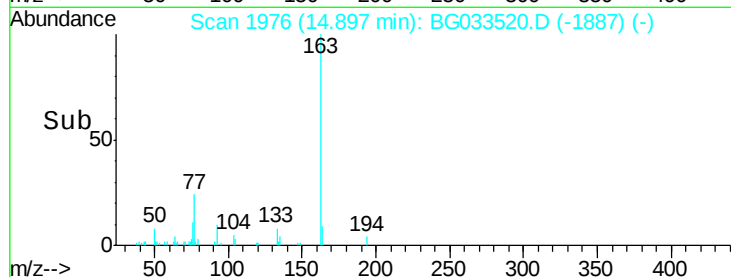
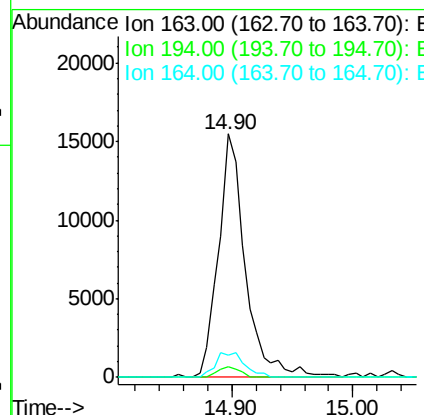
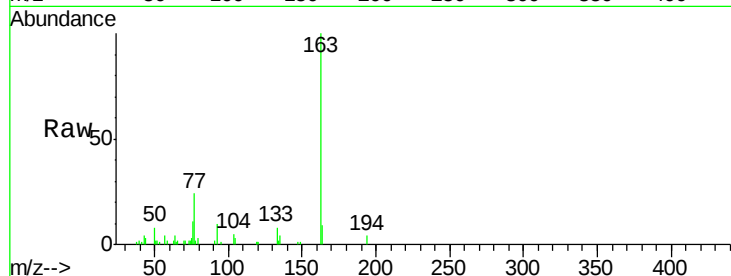




#49
Dimethylphthalate
Concen: 2.208 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033520.D
Acq: 3 Apr 2018 11:35

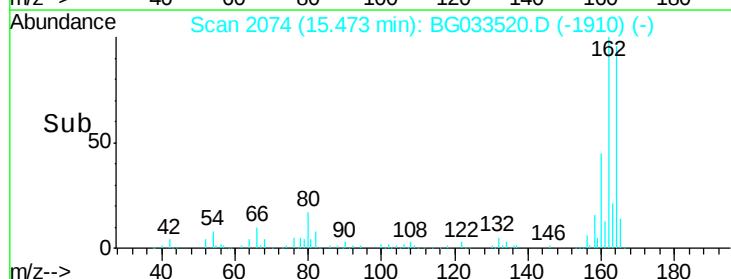
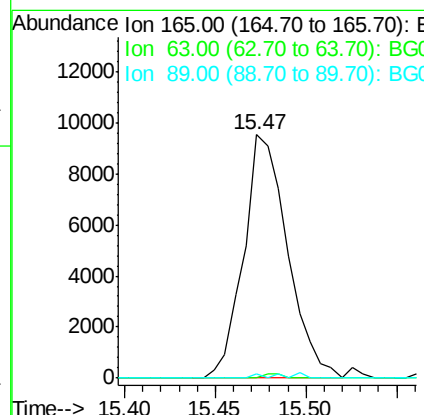
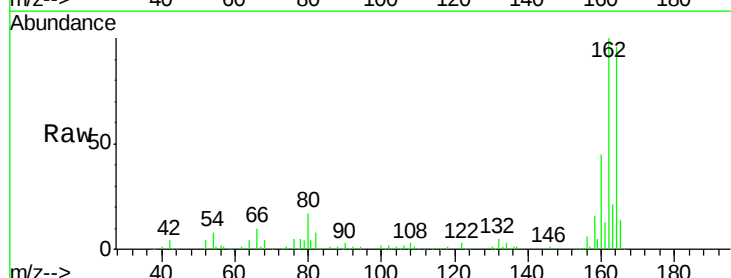
Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 23881
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.2 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 7.248 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.43 min
Lab File: BG033520.D
Acq: 3 Apr 2018 11:35

Tgt Ion:165 Resp: 16027
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.8 49.2 73.8#

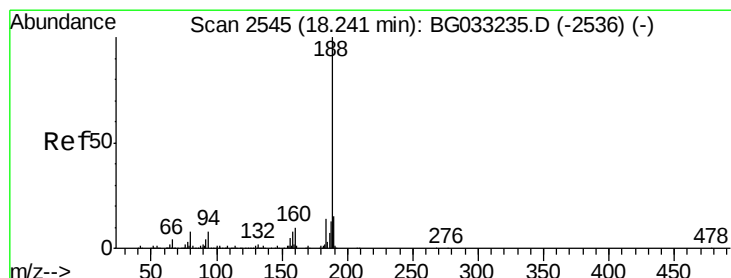
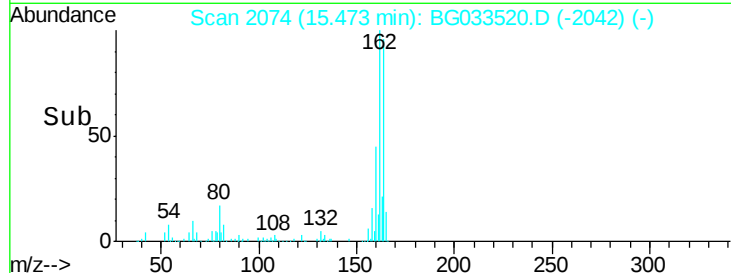
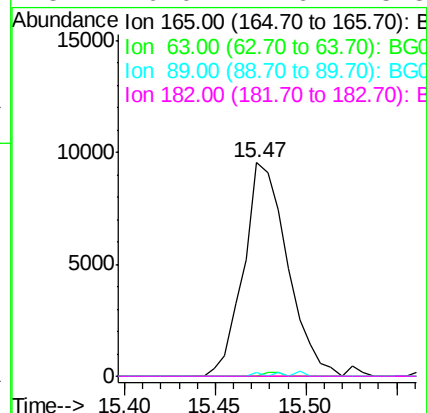
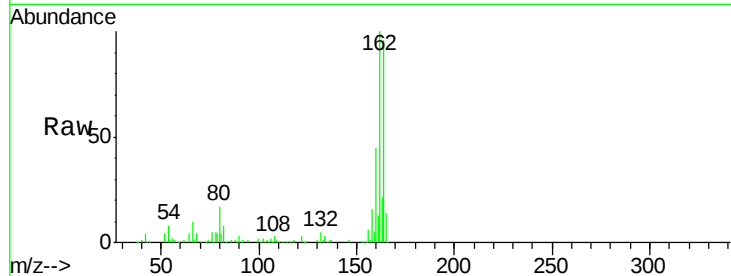




#56
 2,4-Dinitrotoluene
 Concen: 4.923 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033520.D
 Acq: 3 Apr 2018 11:35

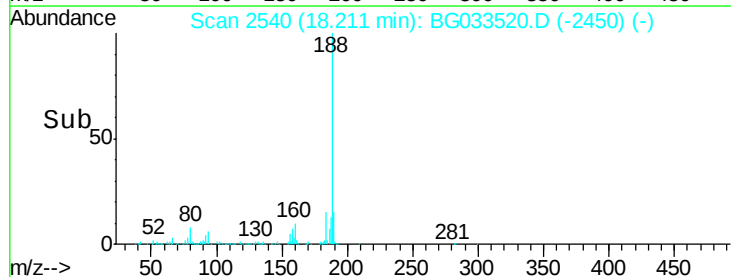
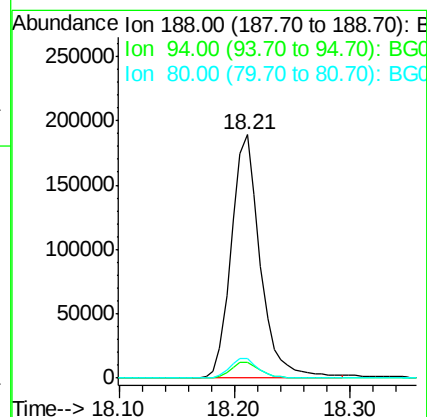
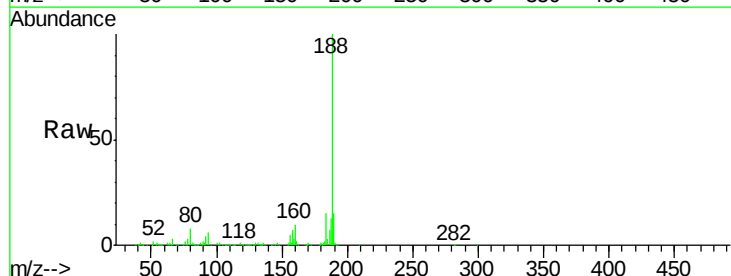
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 16027
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.8 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: BG033520.D
 Acq: 3 Apr 2018 11:35

Tgt Ion:188 Resp: 328256
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 8.0 7.7 11.5

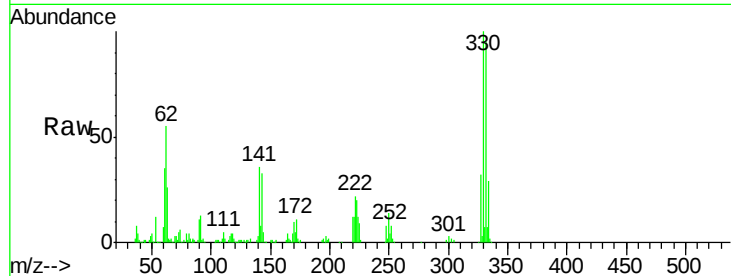




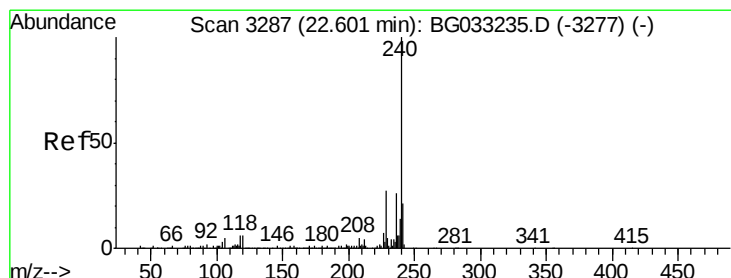
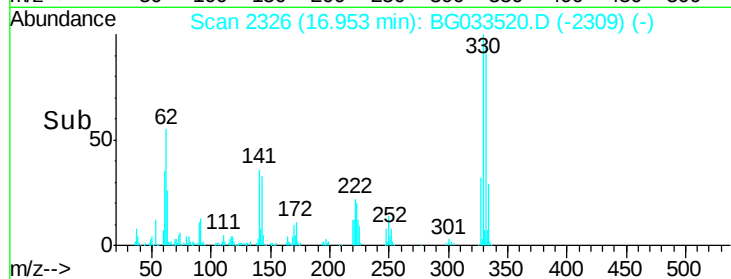
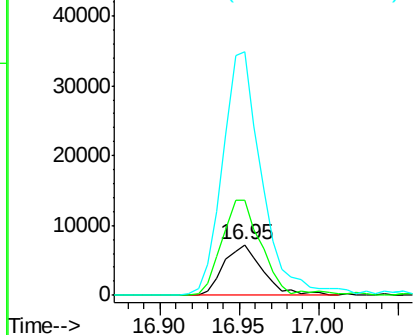
#66
4-Bromophenyl-phenylether
Concen: 3.197 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033520.D
Acq: 3 Apr 2018 11:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 12325
Ion Ratio Lower Upper
248 100
250 187.6 77.1 115.7#
141 482.0 50.8 76.2#

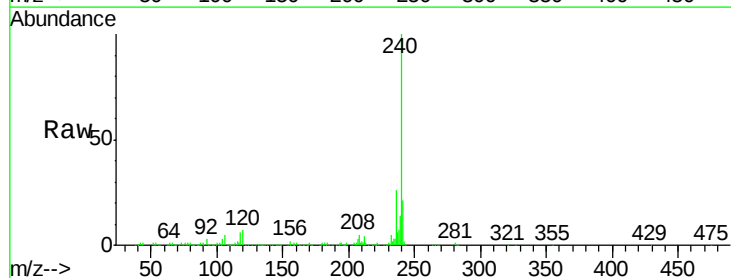


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

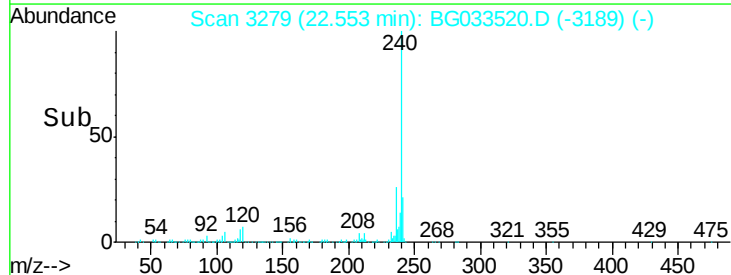
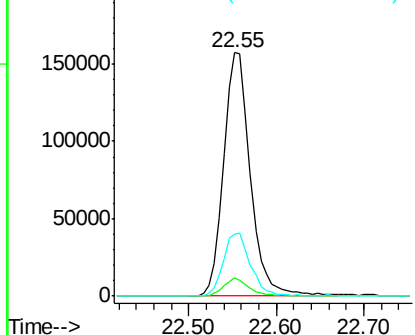


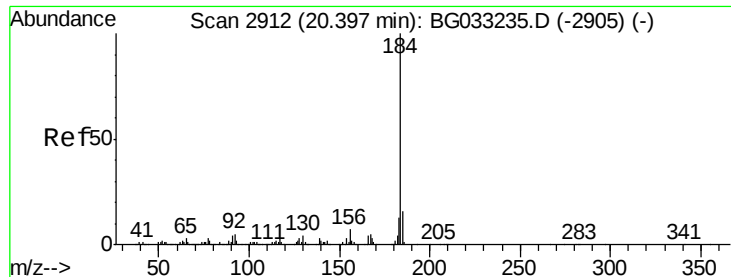
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033520.D
Acq: 3 Apr 2018 11:35

Tgt Ion:240 Resp: 331027
Ion Ratio Lower Upper
240 100
120 7.4 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: 2.761 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033520.D

Acq: 3 Apr 2018 11:35

Instrument :

BNA_G

ClientSampleId :

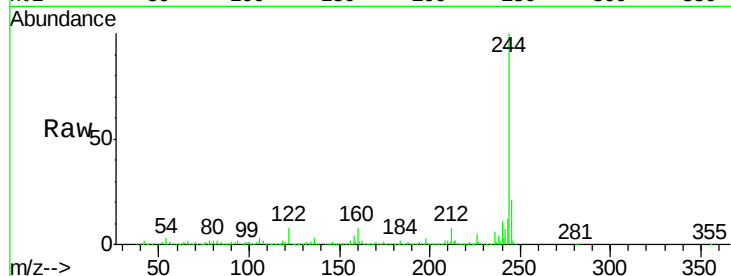
Tot Ion:184 Resp: 24787

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

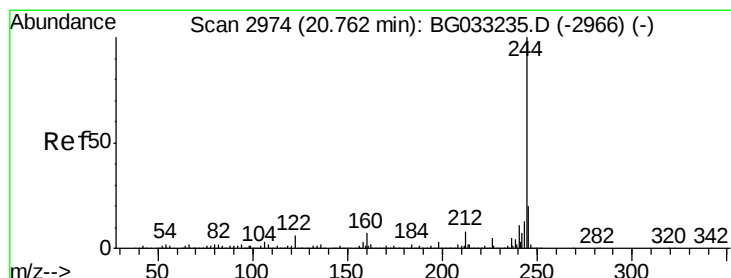
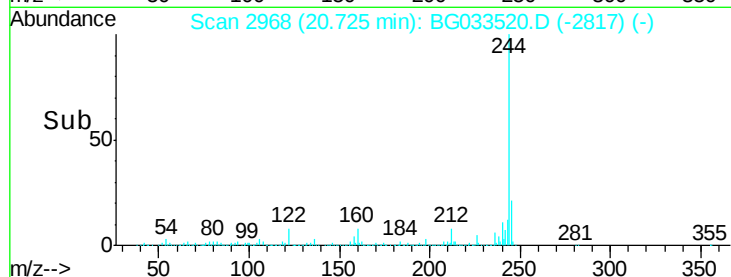
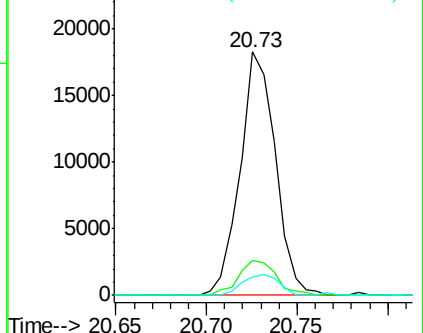
183 7.7 10.6 16.0#



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: 89.332 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033520.D

Acq: 3 Apr 2018 11:35

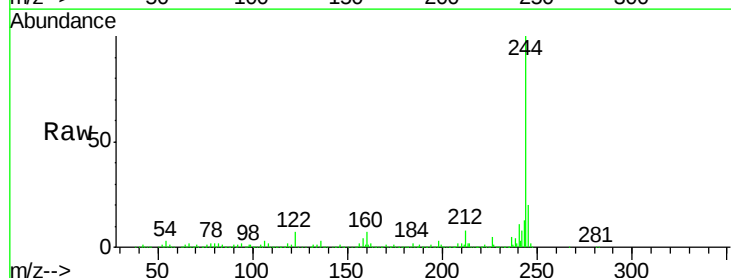
Tgt Ion:244 Resp: 1382736

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

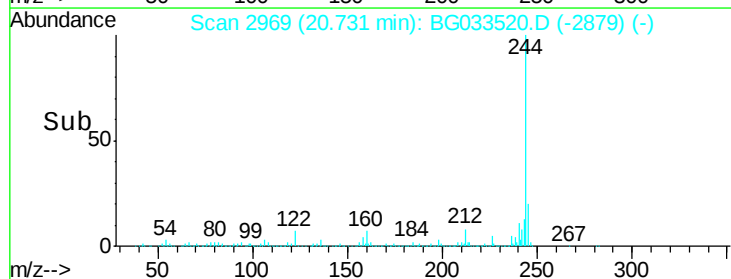
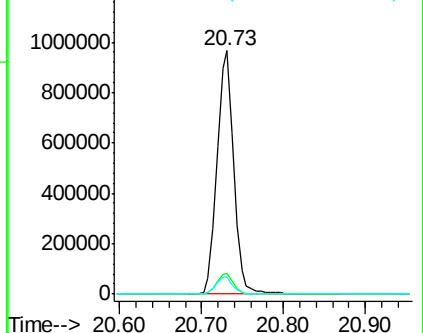
122 7.1 7.0 10.4

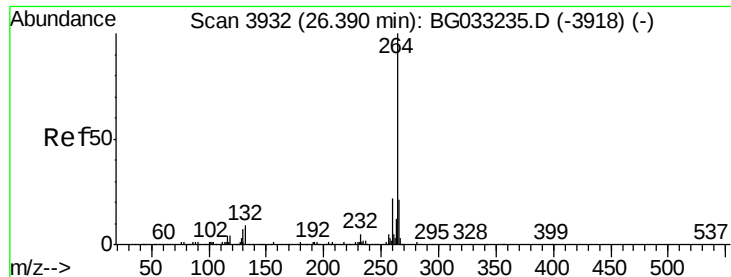


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

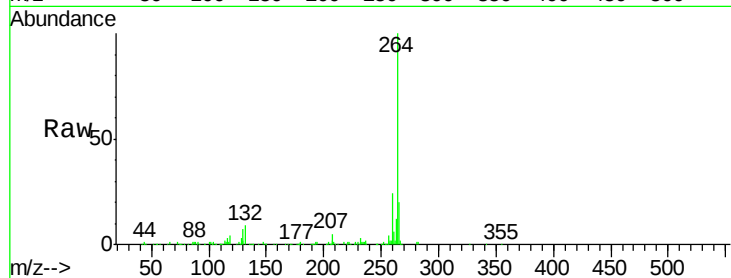




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.00 min
 Lab File: BG033520.D
 Acq: 3 Apr 2018 11:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.5	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

