

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033762.D
 Acq On : 12 Apr 2018 1:41
 Operator : SJ/JU
 Sample : J2321-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 03:18:18 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

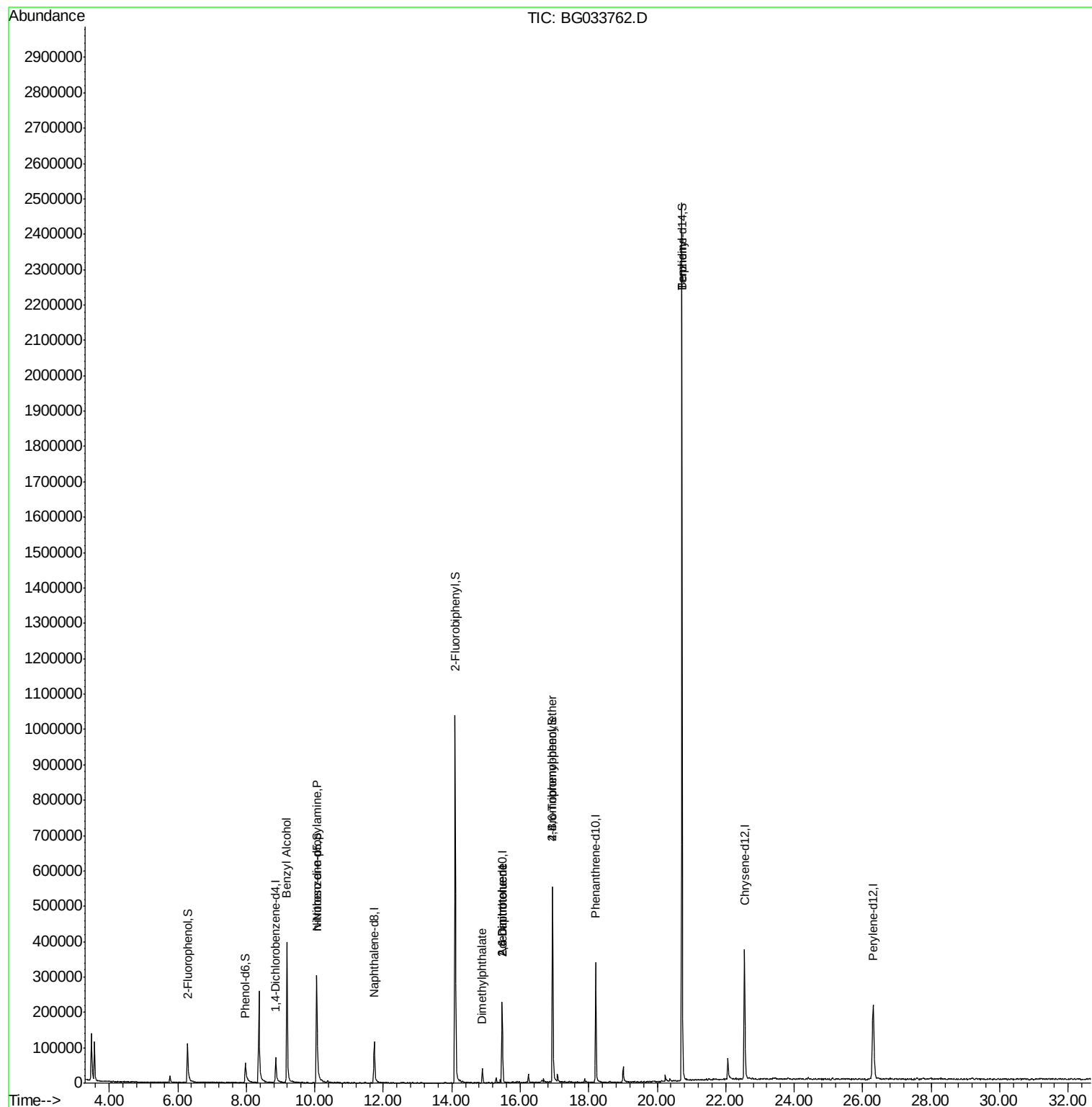
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	26870	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	117211	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	88994	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	253236	20.00	ng	0.00
75) Chrysene-d12	22.55	240	276292	20.00	ng	0.00
86) Perylene-d12	26.31	264	294814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	63353	44.21	ng	0.00
7) Phenol-d6	7.97	99	54754	22.24	ng	0.00
23) Nitrobenzene-d5	10.06	82	243623	95.49	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	115786	86.99	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	573703	93.06	ng	0.00
78) Terphenyl-d14	20.73	244	1249854	96.74	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4281	2.208	ng	# 54
19) n-Nitroso-di-n-propylamine	10.06	70	33211	18.408	ng	# 88
49) Dimethylphthalate	14.89	163	26729	3.451	ng	# 96
50) 2,6-Dinitrotoluene	15.47	165	11363	7.175	ng	# 22
56) 2,4-Dinitrotoluene	15.47	165	11363	4.873	ng	# 20
66) 4-Bromophenyl-phenylether	16.94	248	9326	3.136	ng	# 1
76) Benizidine	20.72	184	21132	2.820	ng	# 92

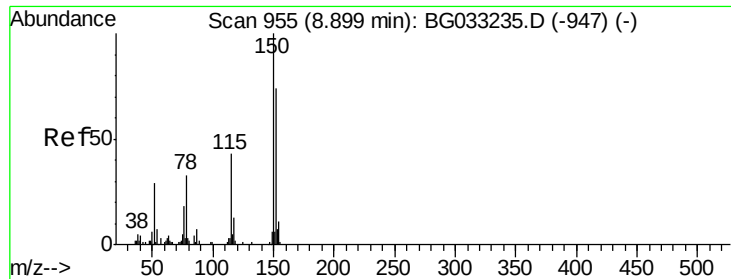
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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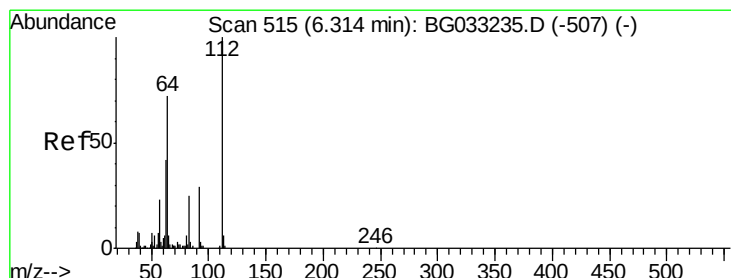
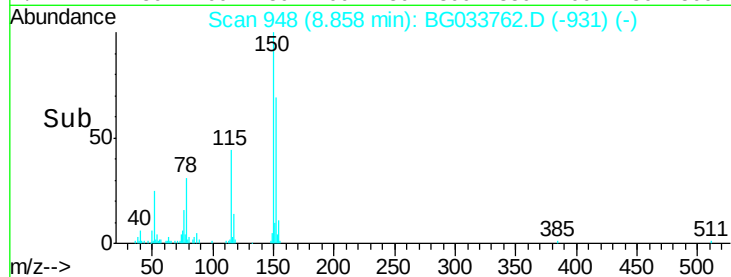
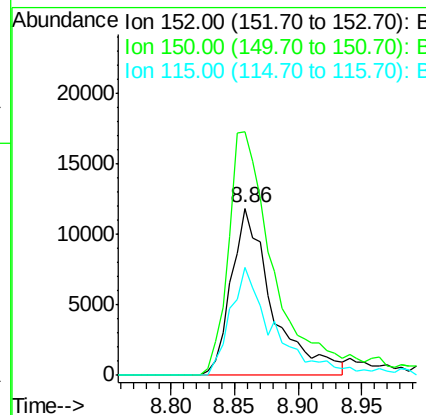
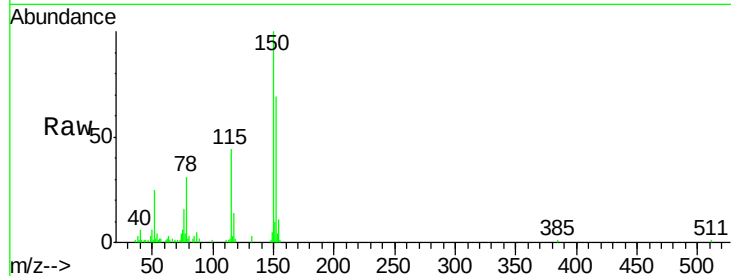


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

Instrument :
BNA_G
ClientSampleId :

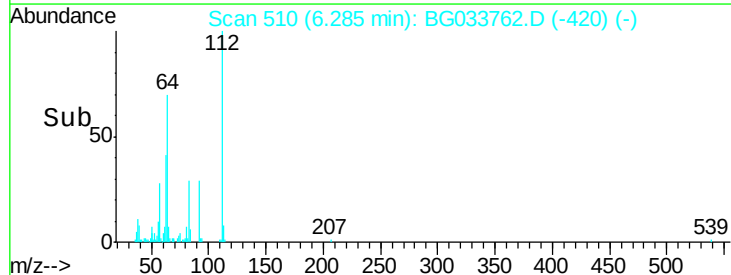
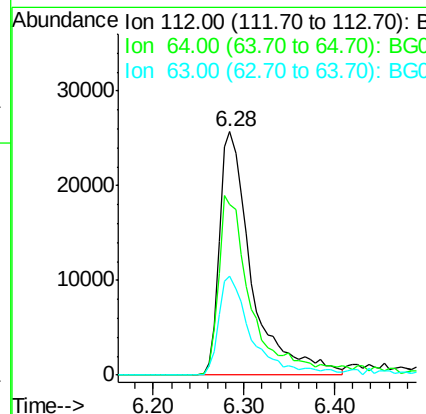
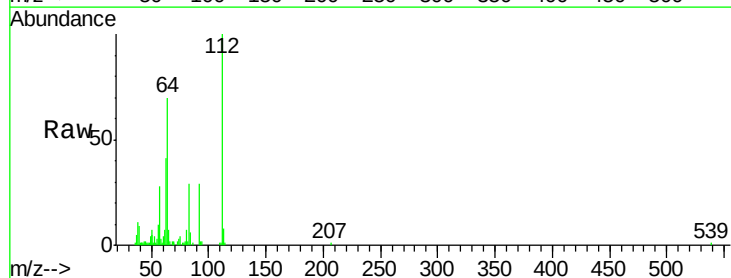
Tot Ion:152 Resp: 26870
Ion Ratio Lower Upper
152 100
150 145.6 126.6 189.8
115 64.3 53.0 79.4

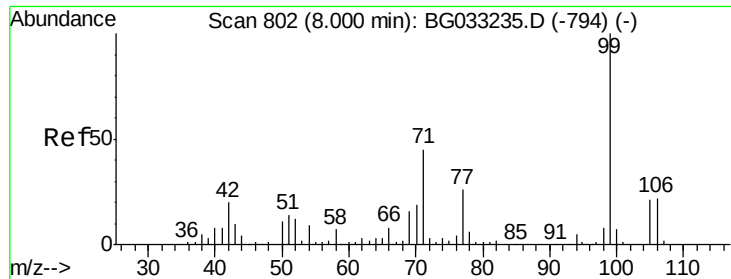


#5

2-Fluorophenol
Concen: 44.211 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

Tgt Ion:112 Resp: 63353
Ion Ratio Lower Upper
112 100
64 70.2 56.3 84.5
63 40.6 30.1 45.1





#7

Phenol-d6

Concen: 22.238 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033762.D

Acq: 12 Apr 2018 1:41

Instrument :

BNA_G

ClientSampled :

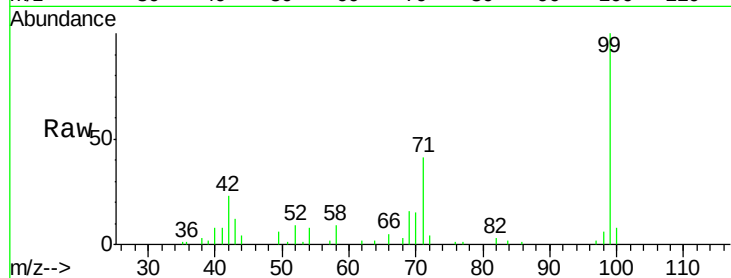
Tot Ion: 99 Resp: 54754

Ion Ratio Lower Upper

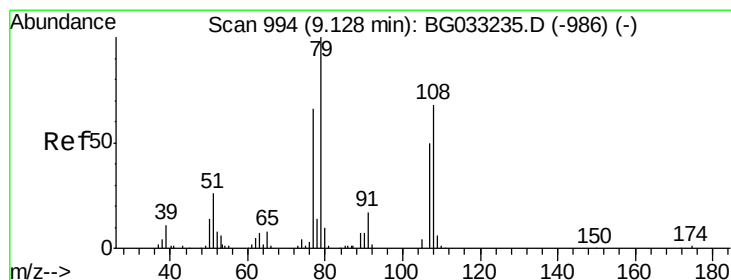
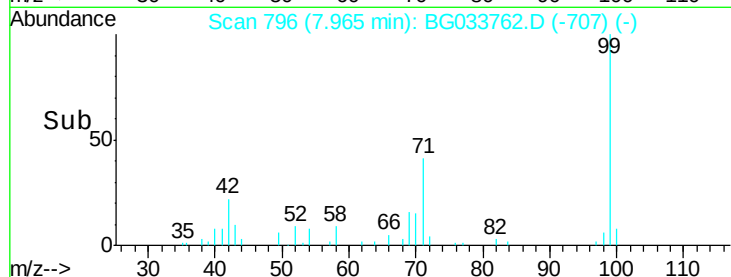
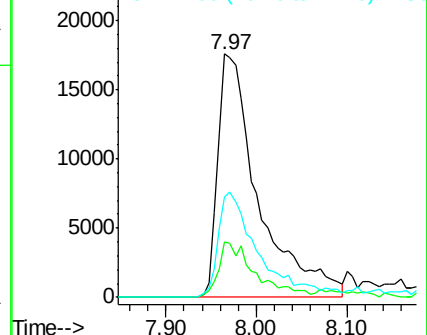
99 100

42 22.7 14.1 21.1#

71 41.1 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: 2.208 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033762.D

Acq: 12 Apr 2018 1:41

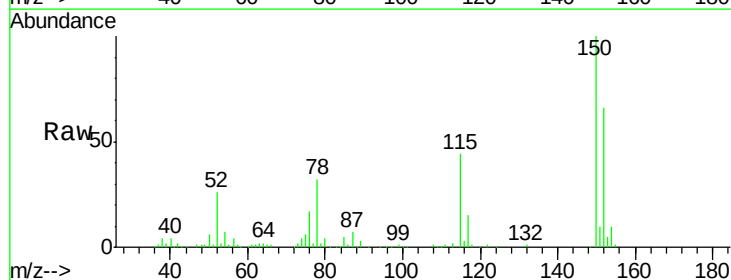
Tgt Ion: 79 Resp: 4281

Ion Ratio Lower Upper

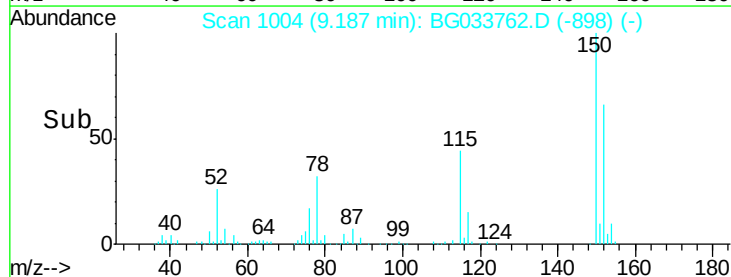
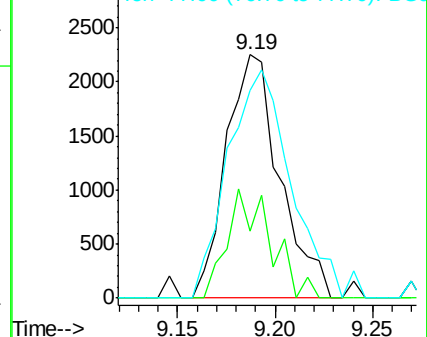
79 100

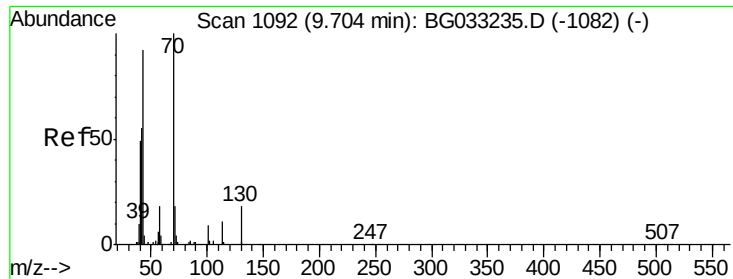
108 27.3 57.2 85.8#

77 85.1 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

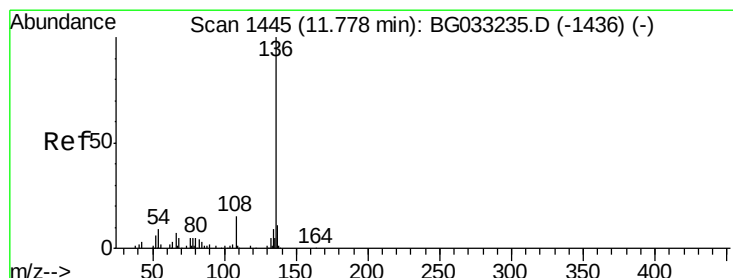
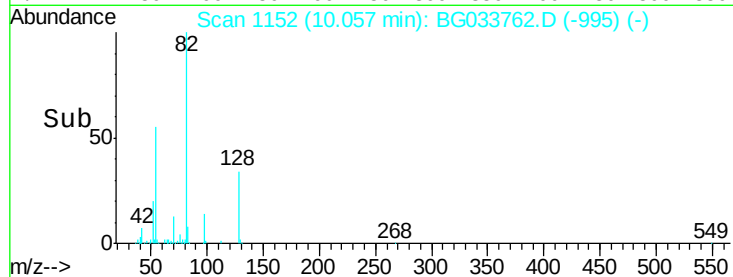
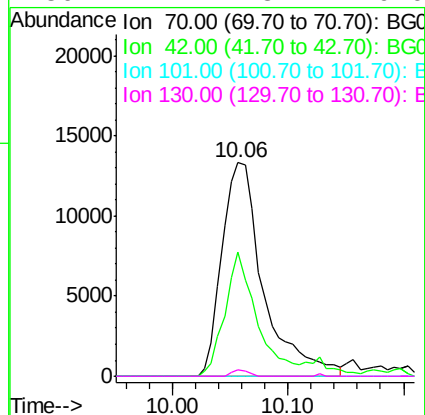
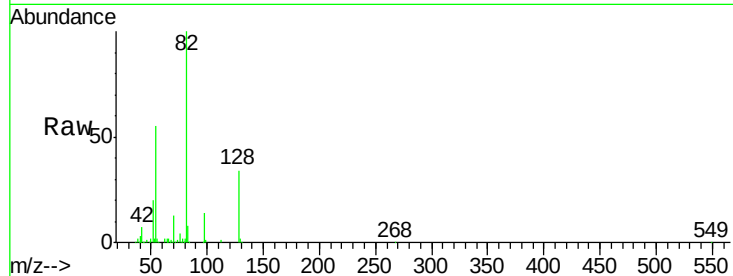




#19
n-Nitroso-di-n-propylamine
Concen: 18.408 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

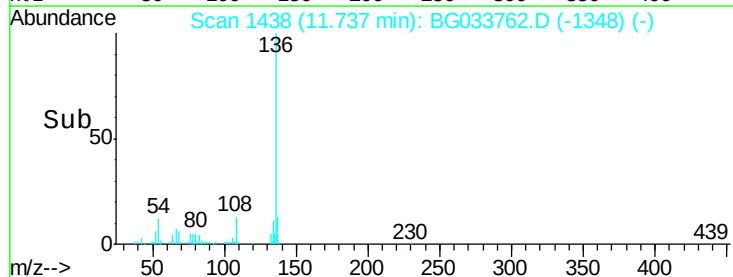
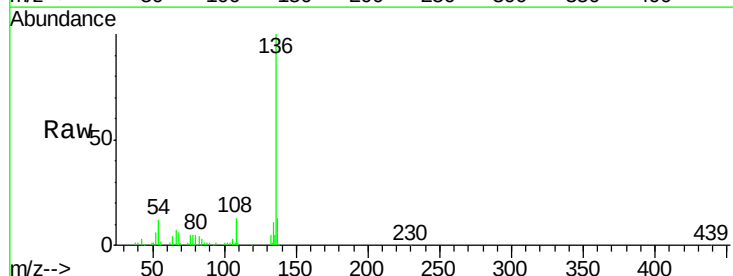
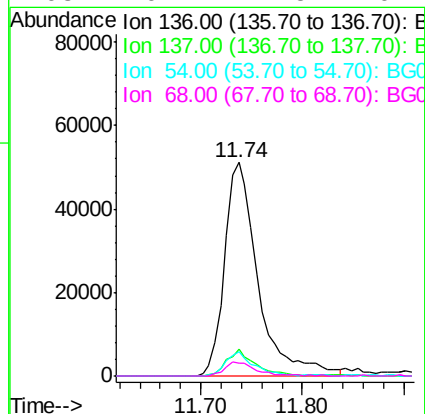
Instrument :
BNA_G
ClientSampleId :

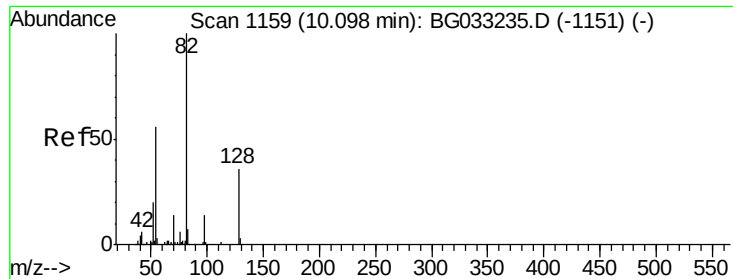
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.1	49.1	73.7
101	0.0	8.5	12.7#
130	2.7	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	11.6	10.3	15.5
68	6.7	4.5	6.7

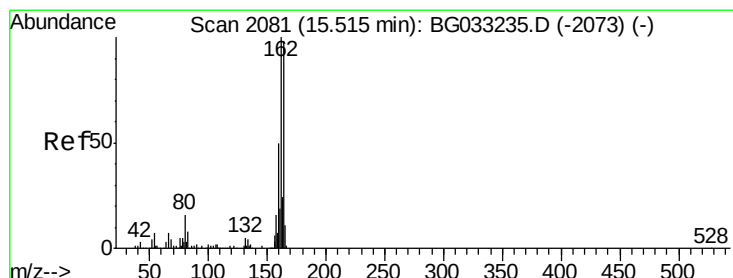
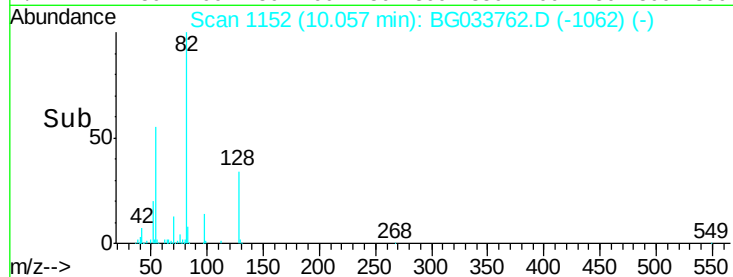
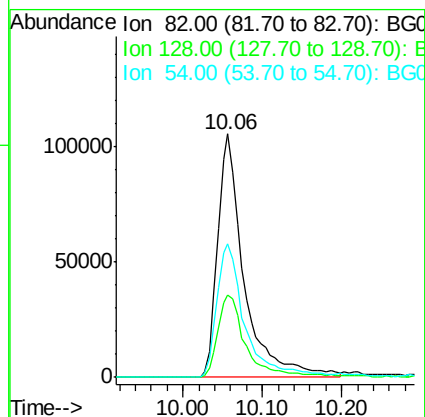
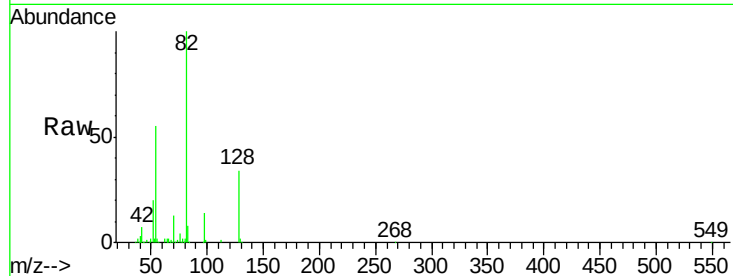




#23
 Nitrobenzene-d5
 Concen: 95.495 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033762.D
 Acq: 12 Apr 2018 1:41

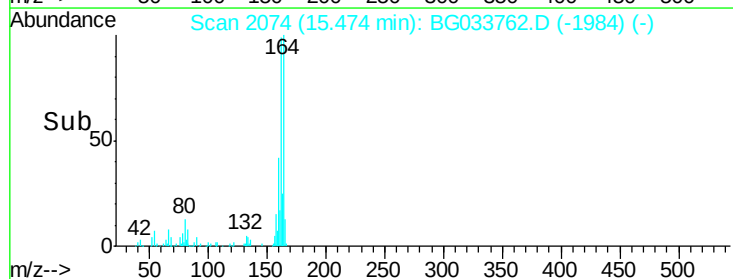
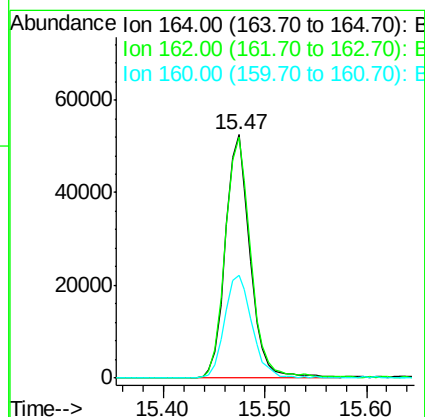
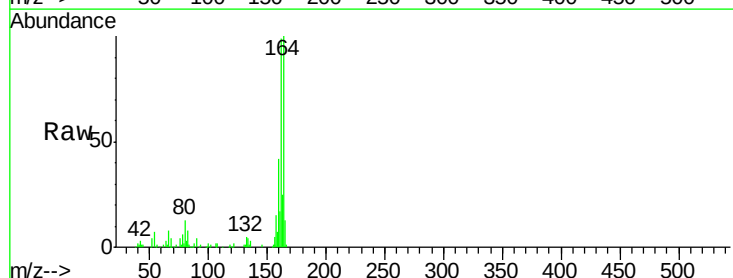
Instrument :
 BNA_G
 ClientSampleId :

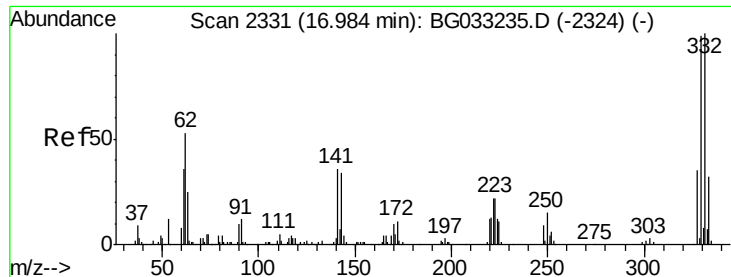
Tot Ion	82	Resp	243623
Ion Ratio	Lower	Upper	
82	100		
128	34.0	29.7	44.5
54	54.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033762.D
 Acq: 12 Apr 2018 1:41

Tgt Ion	164	Resp	88994
Ion Ratio	Lower	Upper	
164	100		
162	99.2	78.8	118.2
160	42.2	35.4	53.0

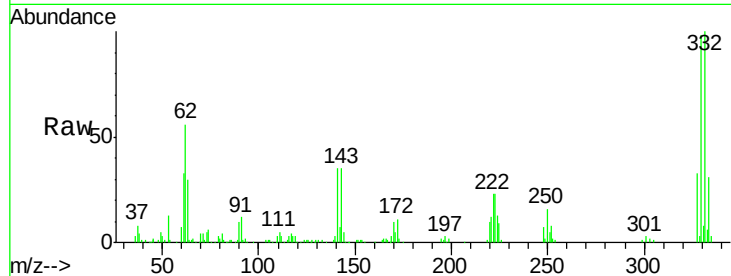




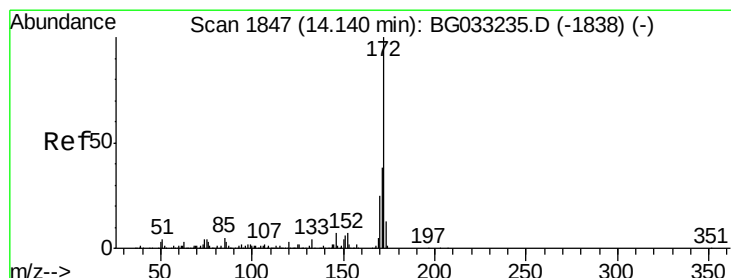
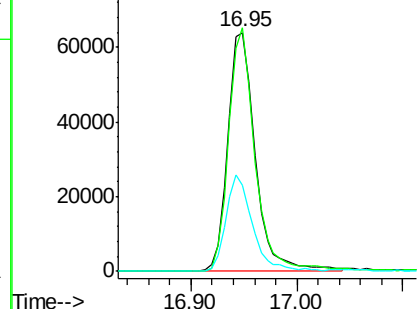
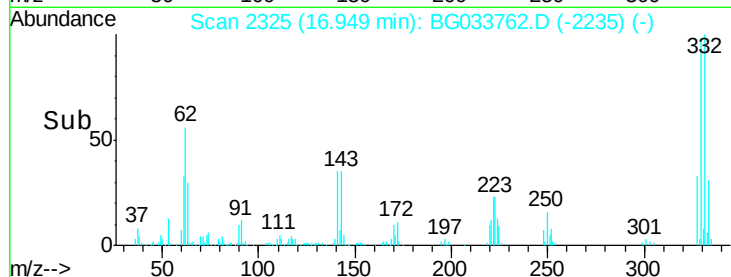
#41
 2,4,6-Tribromophenol
 Concen: 86.991 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033762.D
 Acq: 12 Apr 2018 1:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	38.1	25.2	37.8#

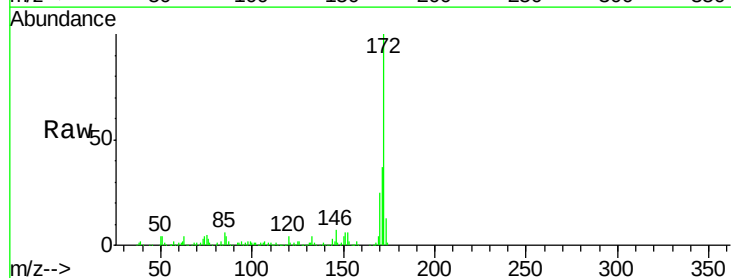


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

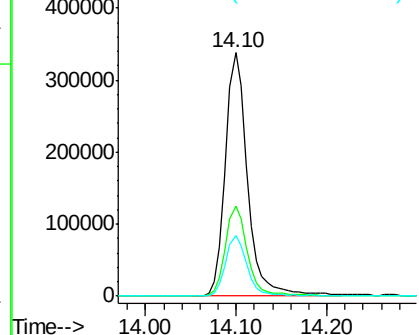
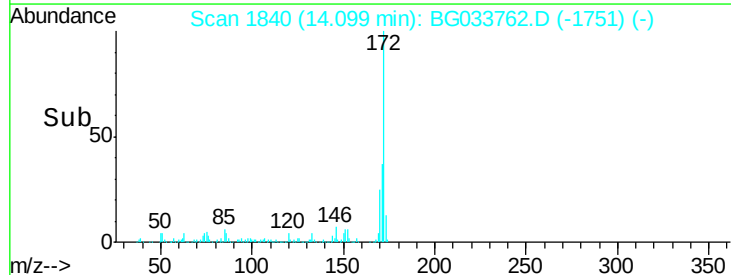


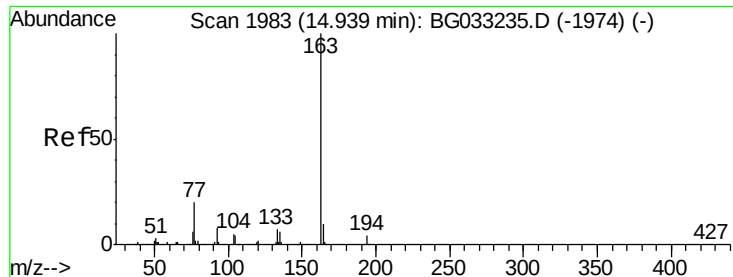
#44
 2-Fluorobiphenyl
 Concen: 93.064 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033762.D
 Acq: 12 Apr 2018 1:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	25.0	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

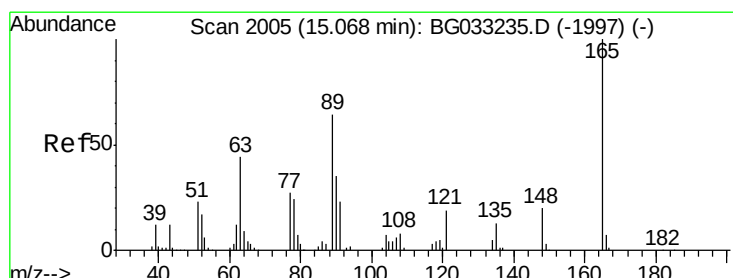
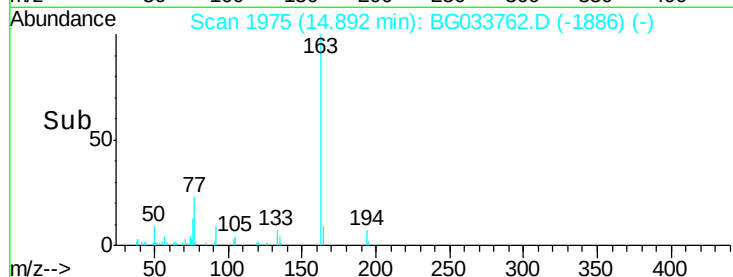
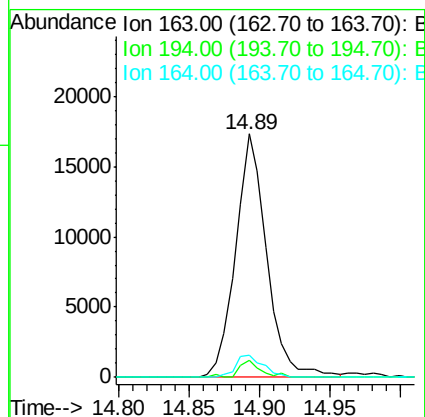
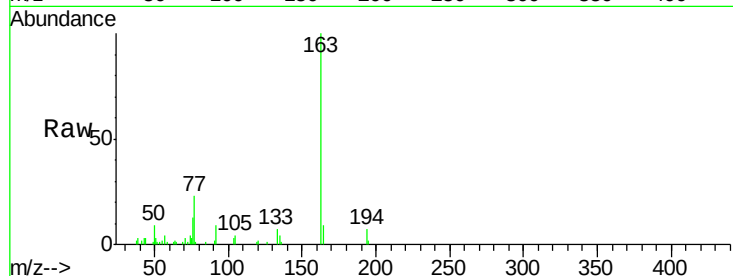




#49
Dimethylphthalate
Concen: 3.451 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

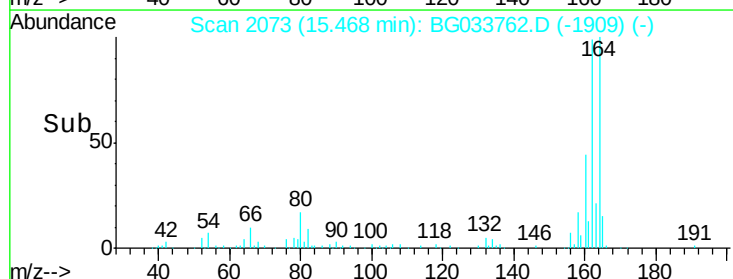
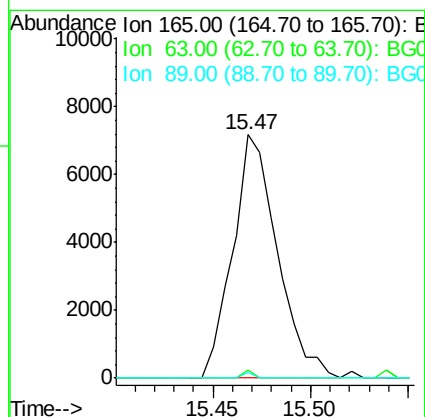
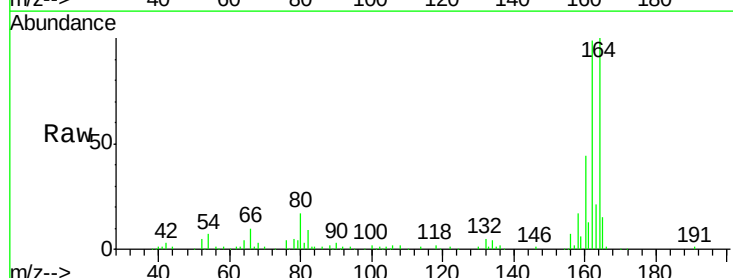
Instrument :
BNA_G
ClientSampleId :

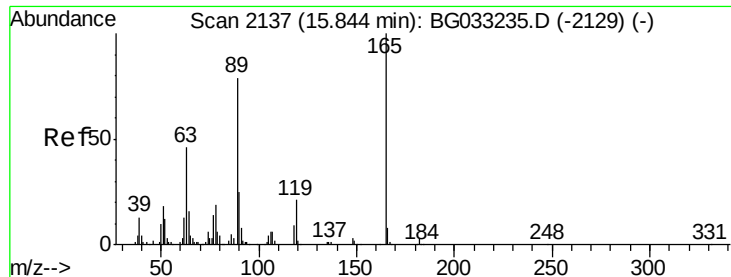
Tot Ion:163 Resp: 26729
Ion Ratio Lower Upper
163 100
194 6.8 3.4 5.2#
164 9.3 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 7.175 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.44 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

Tgt Ion:165 Resp: 11363
Ion Ratio Lower Upper
165 100
63 3.4 52.7 79.1#
89 2.3 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 4.873 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.35 min

Lab File: BG033762.D

Acq: 12 Apr 2018 1:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 11363

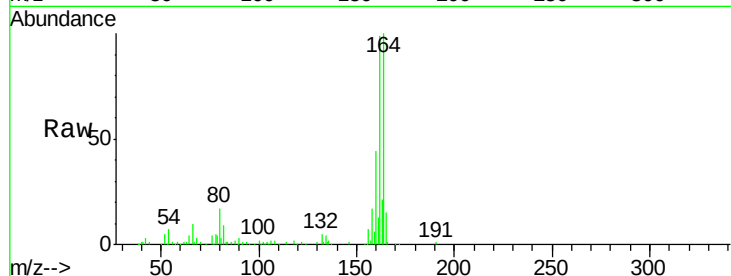
Ion Ratio Lower Upper

165 100

63 3.4 42.0 63.0#

89 2.3 66.9 100.3#

182 0.0 2.6 3.8#

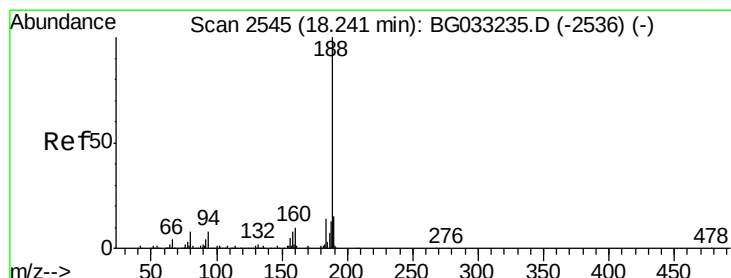
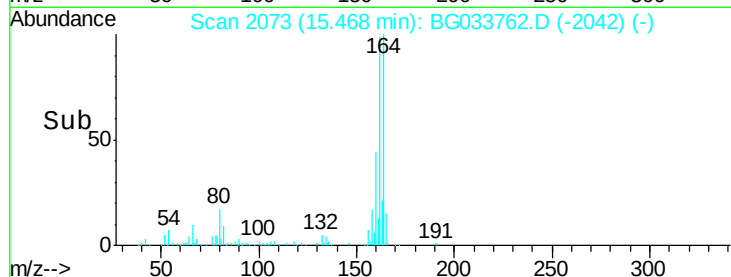
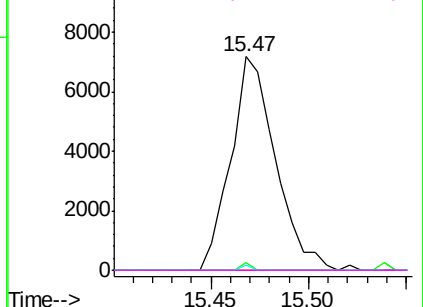


Abundance Ion 165.00 (164.70 to 165.70): E

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: 18.21 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BG033762.D

Acq: 12 Apr 2018 1:41

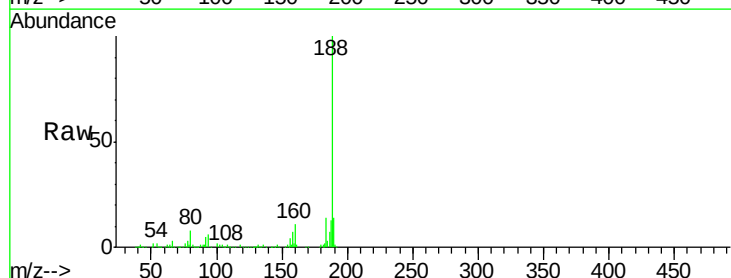
Tgt Ion:188 Resp: 253236

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

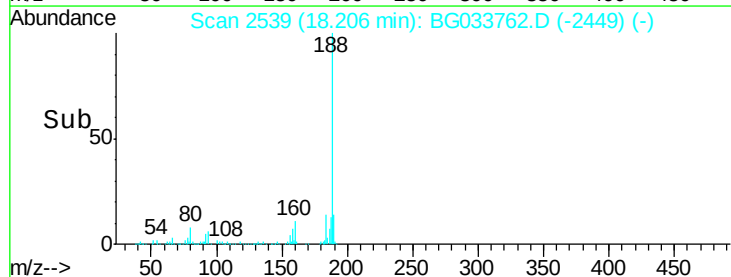
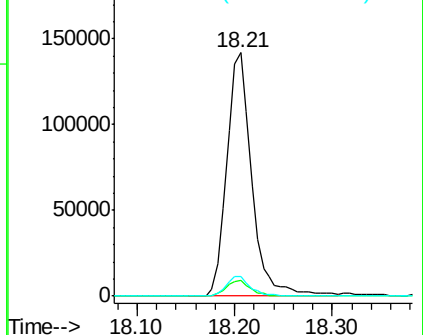
80 8.0 7.7 11.5

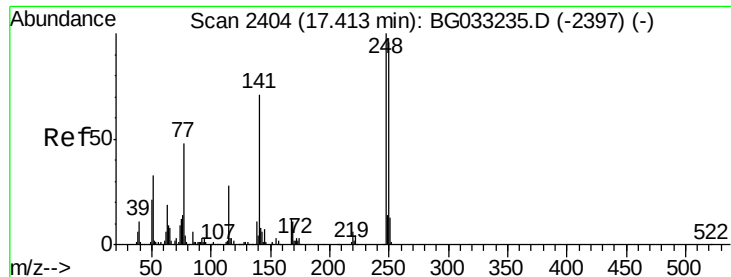


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

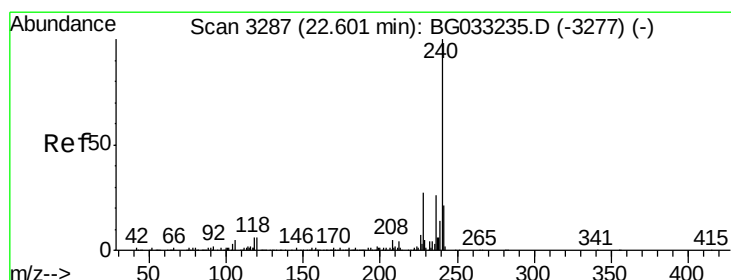
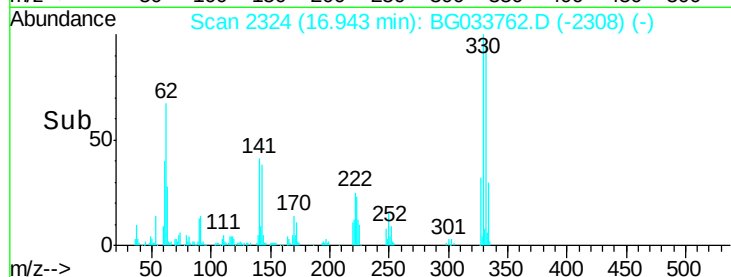
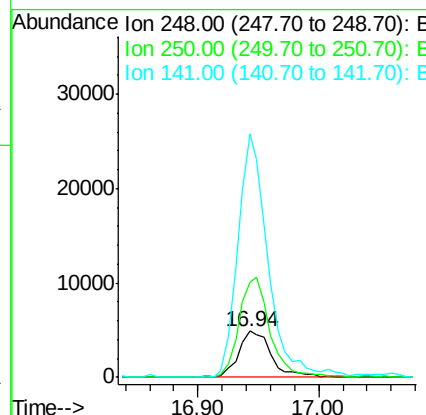
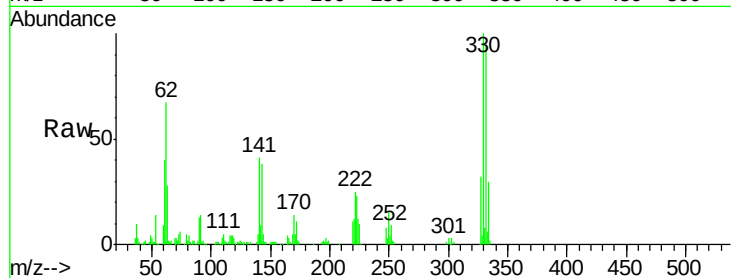




#66
4-Bromophenyl-phenylether
Concen: 3.136 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

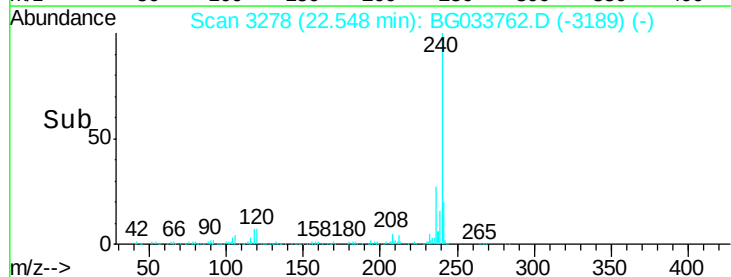
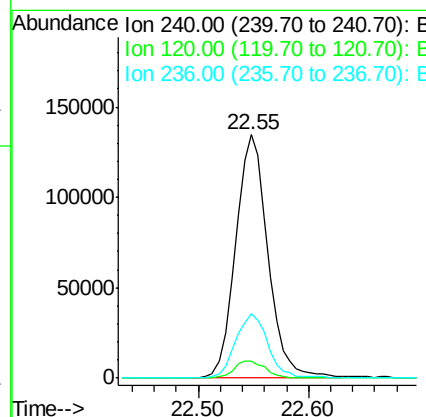
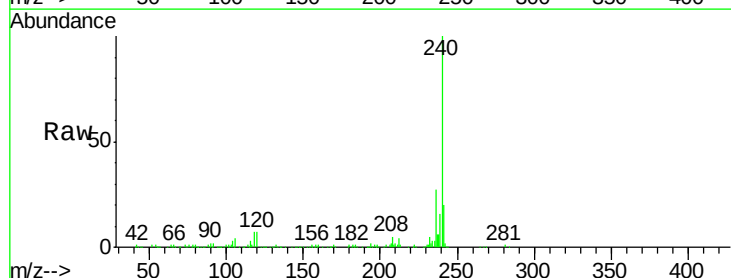
Instrument :
BNA_G
ClientSampleId :

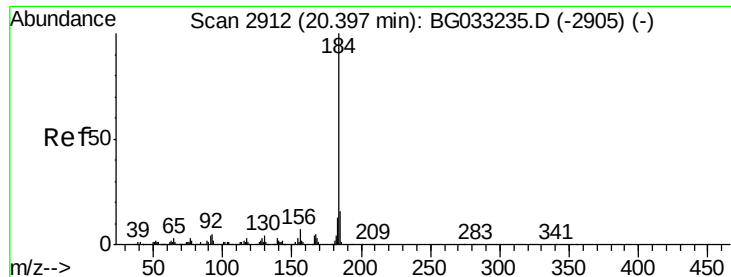
Tot Ion:248 Resp: 9326
Ion Ratio Lower Upper
248 100
250 207.0 77.1 115.7#
141 526.9 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

Tgt Ion:240 Resp: 276292
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 26.6 20.9 31.3





#76

Benzidine

Concen: 2.820 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033762.D

Acq: 12 Apr 2018 1:41

Instrument :

BNA_G

ClientSampleId :

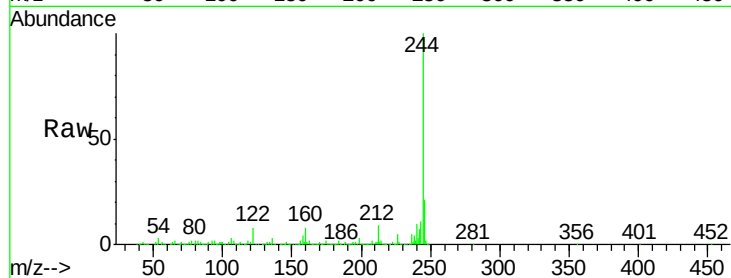
Tot Ion:184 Resp: 21132

Ion Ratio Lower Upper

184 100

185 17.4 11.1 16.7#

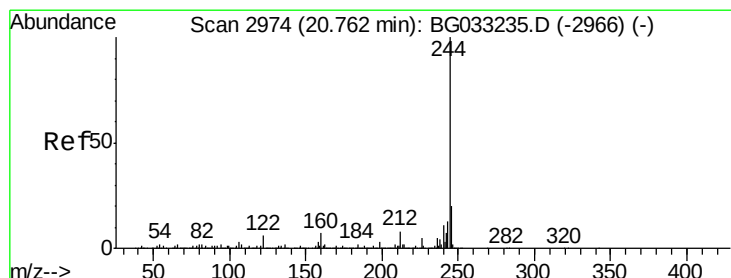
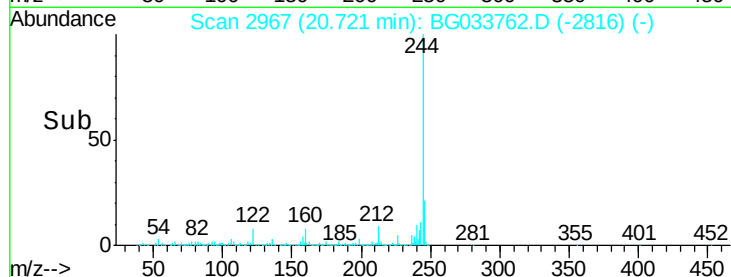
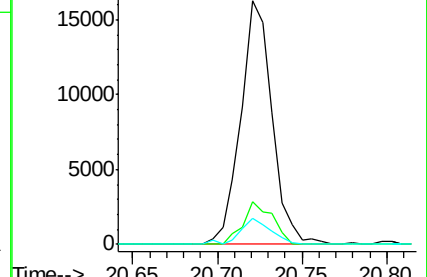
183 10.6 10.6 16.0#



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: 96.744 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033762.D

Acq: 12 Apr 2018 1:41

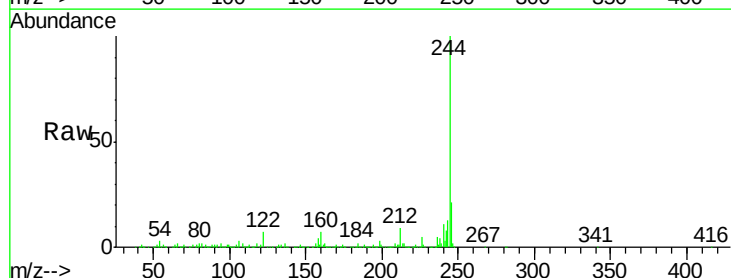
Tgt Ion:244 Resp: 1249854

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

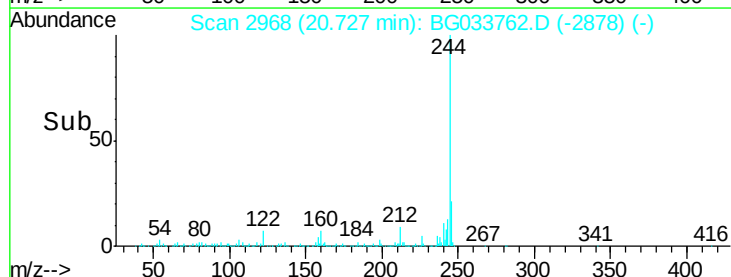
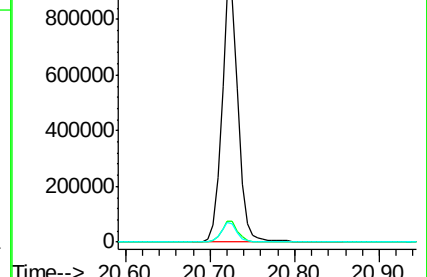
122 7.4 7.0 10.4

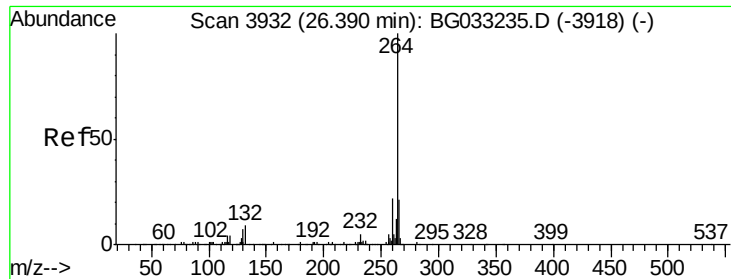


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.31 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: BG033762.D
 Acq: 12 Apr 2018 1:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	20.7	17.7	26.5

