

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033524.D
 Acq On : 3 Apr 2018 14:05
 Operator : SJ/JU
 Sample : J1757-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 14:52:53 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

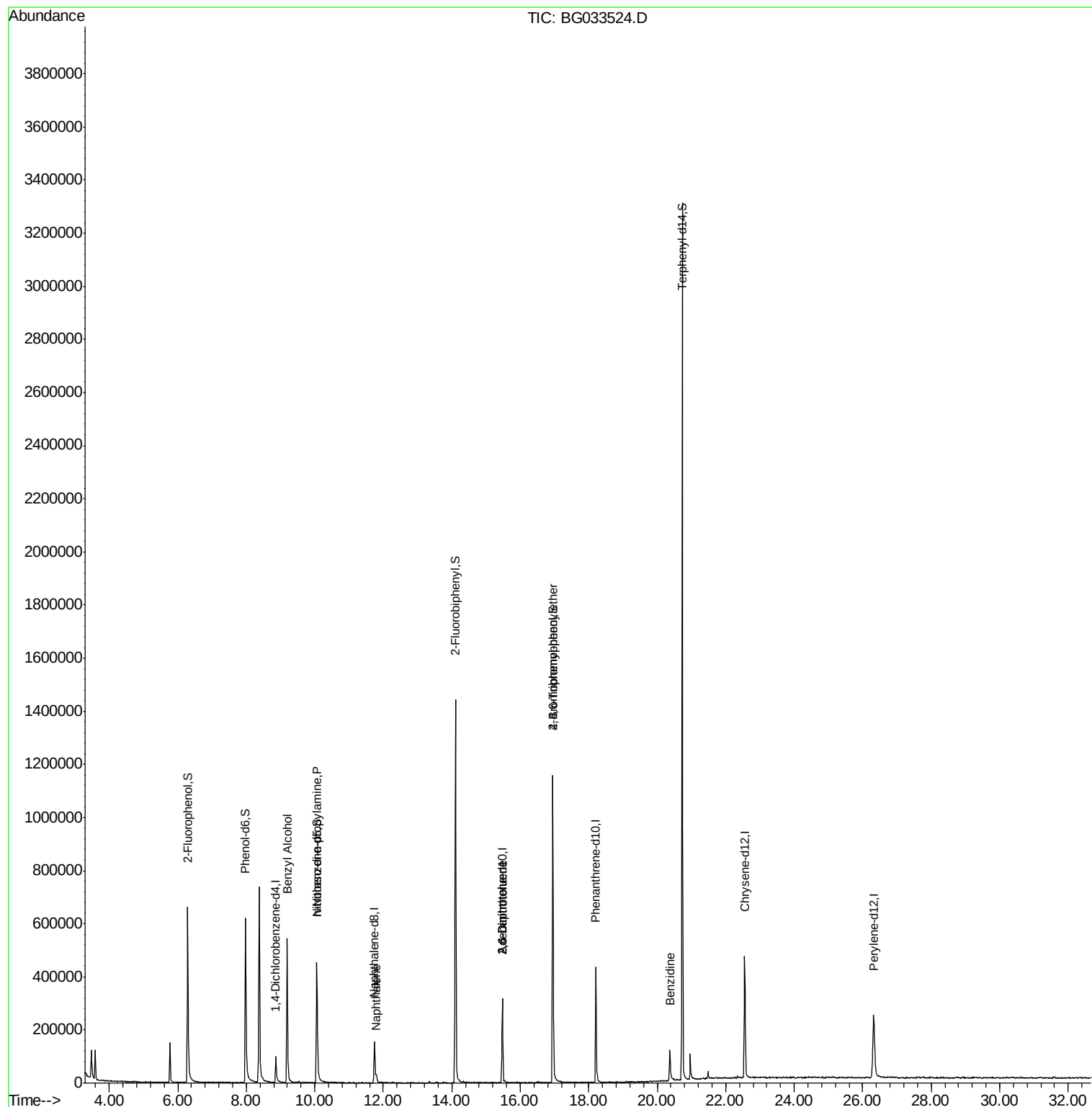
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	34989	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	154766	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	118355	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	323757	20.00	ng	0.00
75) Chrysene-d12	22.55	240	344497	20.00	ng	0.00
86) Perylene-d12	26.32	264	350349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	318574	170.73	ng	0.00
7) Phenol-d6	7.98	99	429186	133.87	ng	0.00
23) Nitrobenzene-d5	10.06	82	340864	101.19	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	236997	133.89	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	831941	101.48	ng	0.00
78) Terphenyl-d14	20.73	244	1623232	100.77	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5904	2.339	ng	# 51
19) n-Nitroso-di-n-propylamine	10.06	70	48666	20.715	ng	# 77
31) Naphthalene	11.80	128	23083	2.878	ng	# 87
50) 2,6-Dinitrotoluene	15.48	165	15583	7.399	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	15583	5.025	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	18671	4.911	ng	# 1
76) Benzidine	20.37	184	96627	10.343	ng	99

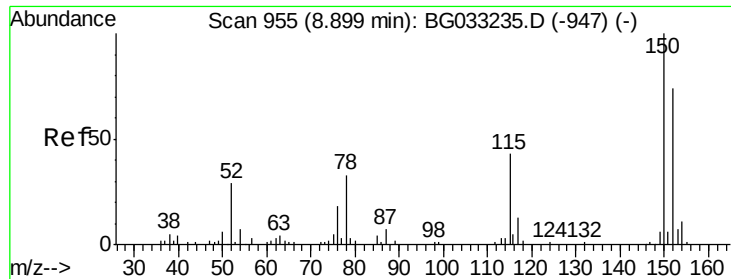
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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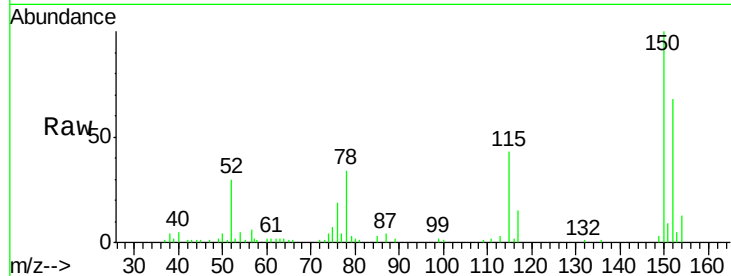


#1

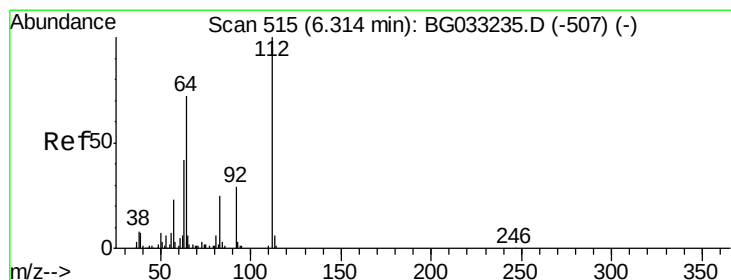
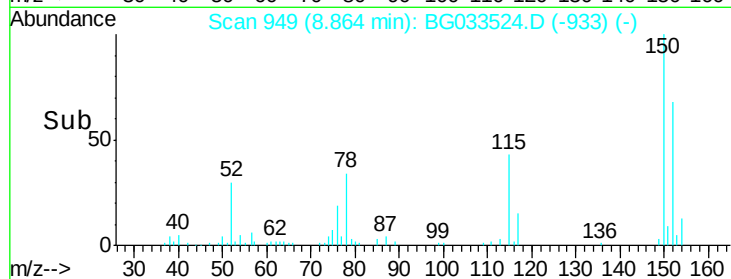
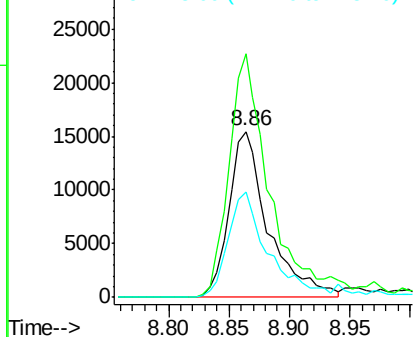
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033524.D
Acq: 3 Apr 2018 14:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34989
Ion Ratio Lower Upper
152 100
150 147.1 126.6 189.8
115 63.3 53.0 79.4



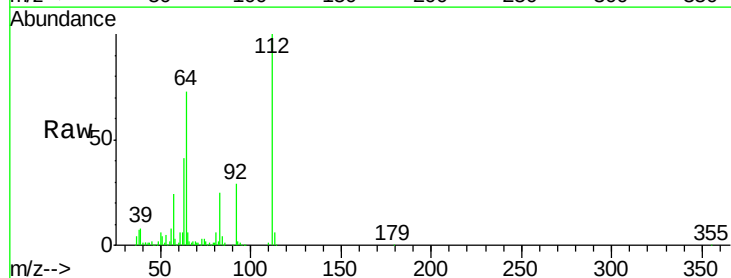
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



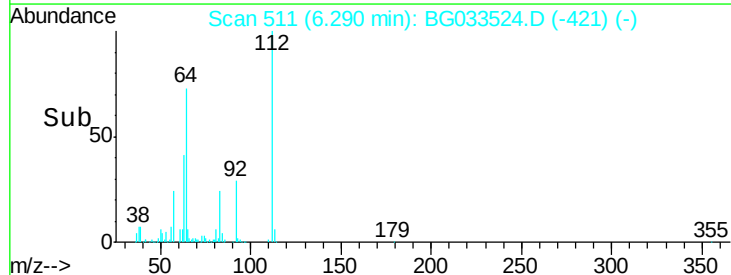
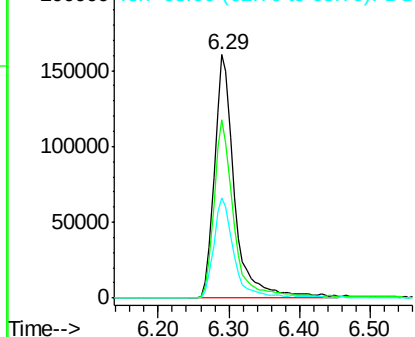
#5

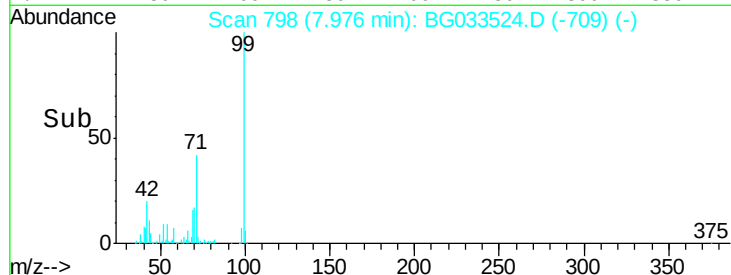
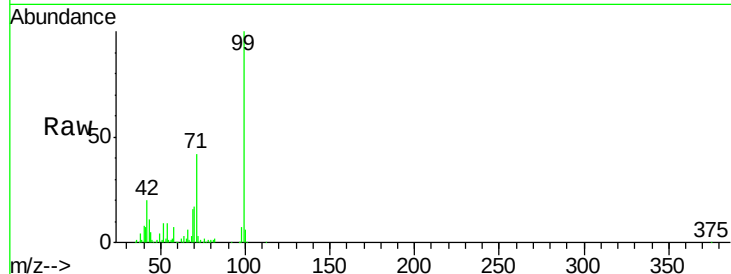
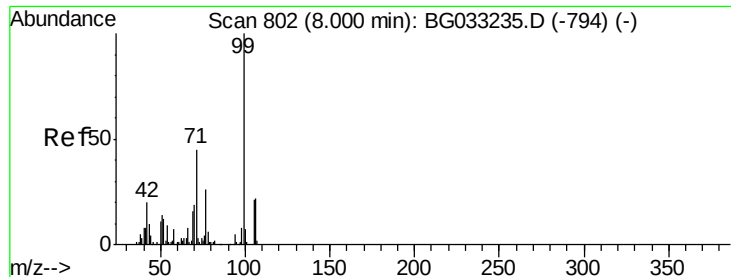
2-Fluorophenol
Concen: 170.729 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033524.D
Acq: 3 Apr 2018 14:05

Tgt Ion:112 Resp: 318574
Ion Ratio Lower Upper
112 100
64 73.5 56.3 84.5
63 41.3 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

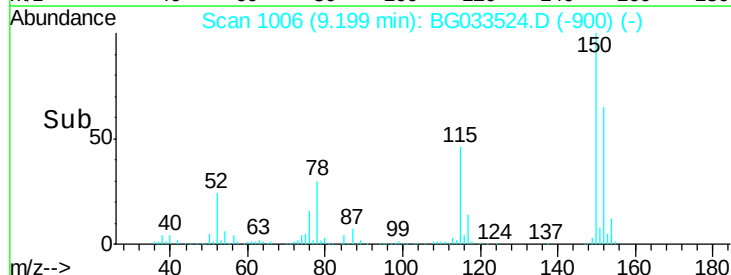
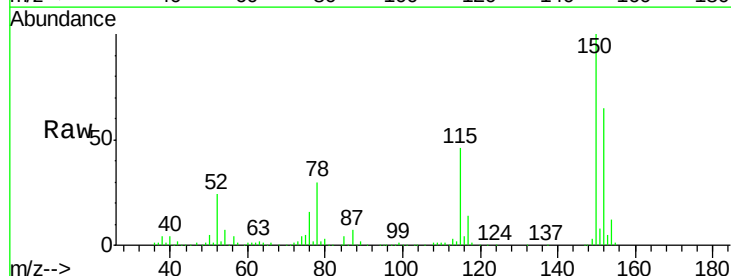
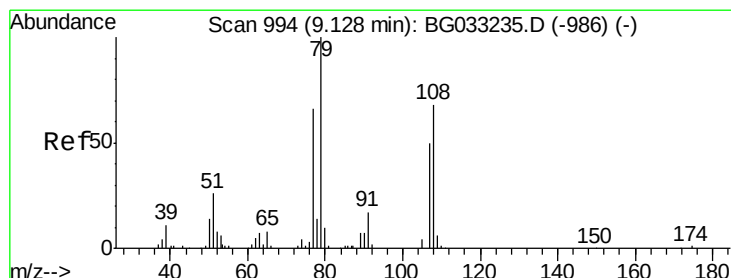
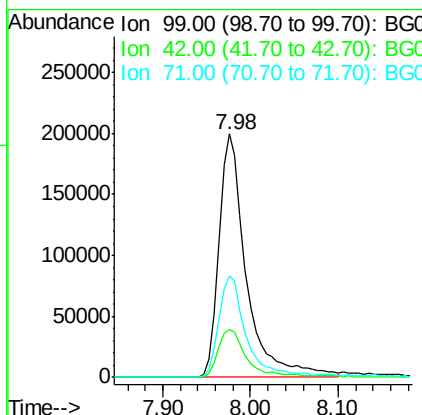




#7
Phenol-d6
Concen: 133.865 ng
RT: 7.98 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG033524.D
Acq: 3 Apr 2018 14:05

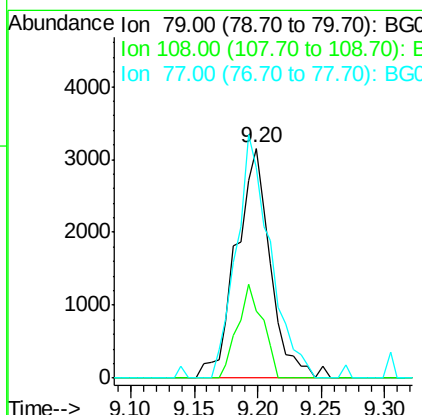
Instrument :
BNA_G
ClientSampleId :

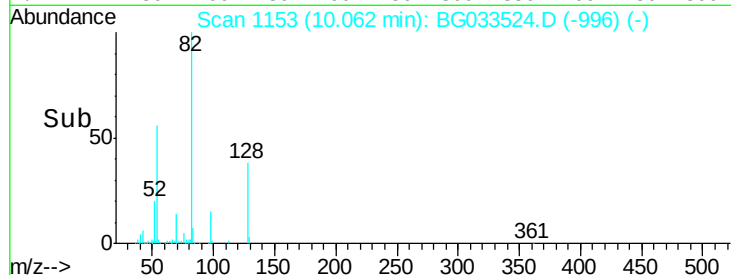
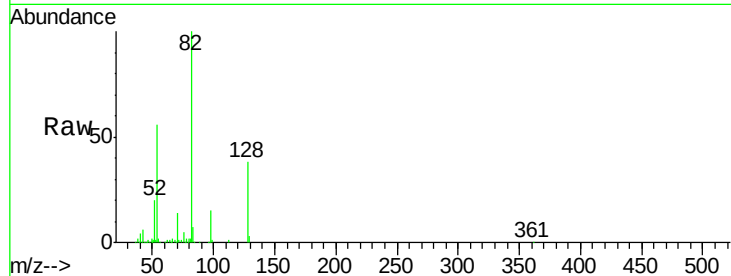
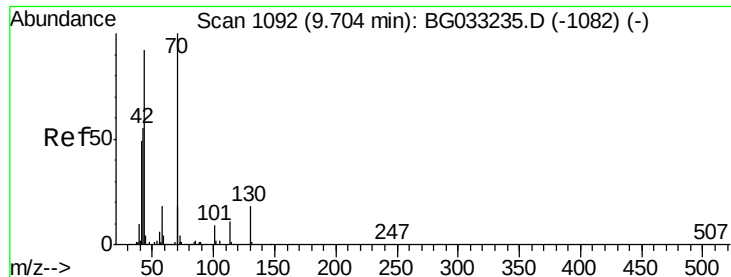
Tot Ion: 99 Resp: 429186
Ion Ratio Lower Upper
99 100
42 19.9 14.1 21.1
71 41.9 26.1 39.1#



#15
Benzyl Alcohol
Concen: 2.339 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.09 min
Lab File: BG033524.D
Acq: 3 Apr 2018 14:05

Tgt Ion: 79 Resp: 5904
Ion Ratio Lower Upper
79 100
108 28.9 57.2 85.8#
77 91.3 46.1 69.1#

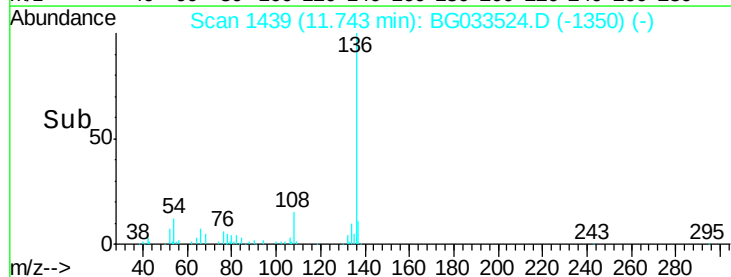
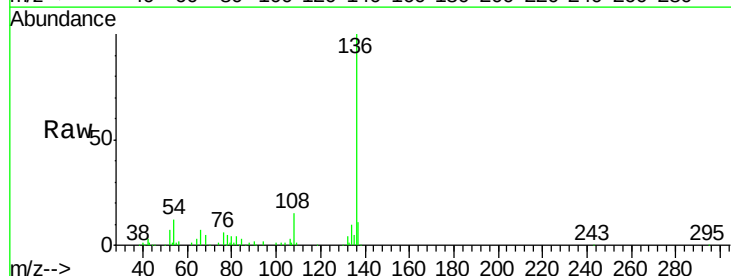
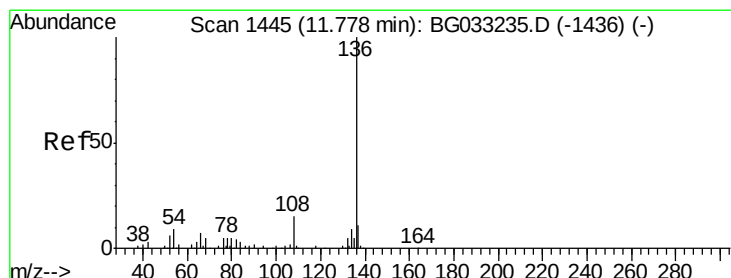
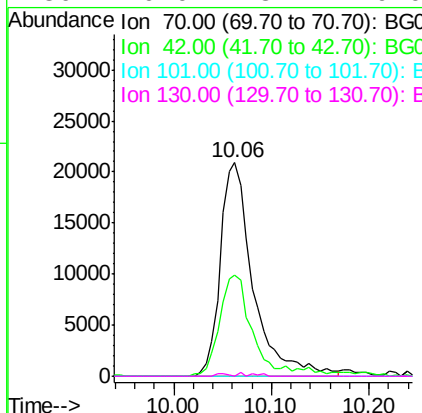




#19
n-Nitroso-di-n-propylamine
Concen: 20.715 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033524.D
Acq: 3 Apr 2018 14:05

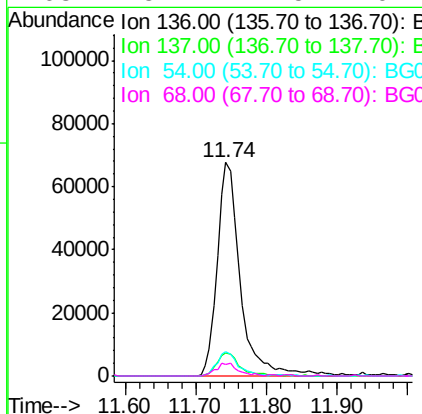
Instrument :
BNA_G
ClientSampleId :

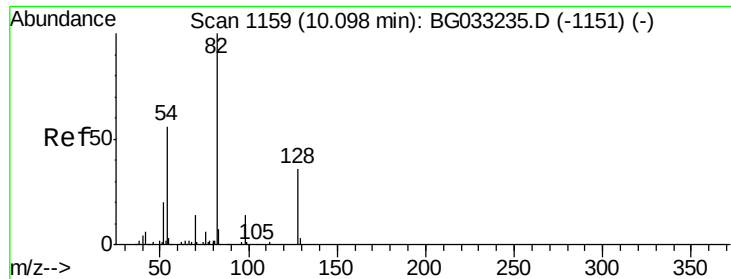
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.5	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033524.D
Acq: 3 Apr 2018 14:05

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	11.6	10.3	15.5
68	5.2	4.5	6.7





#23

Nitrobenzene-d5

Concen: 101.189 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033524.D

Acq: 3 Apr 2018 14:05

Instrument :

BNA_G

ClientSampleId :

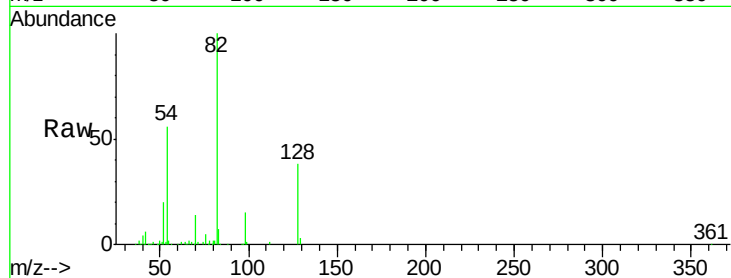
Tot Ion: 82 Resp: 340864

Ion Ratio Lower Upper

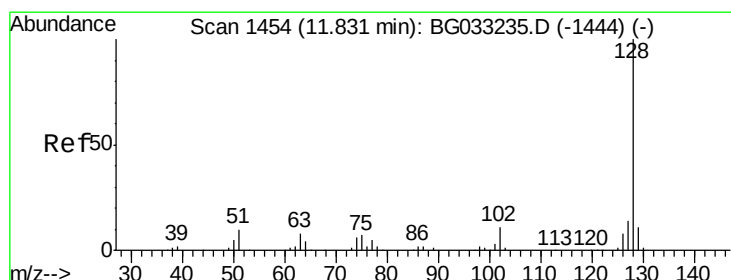
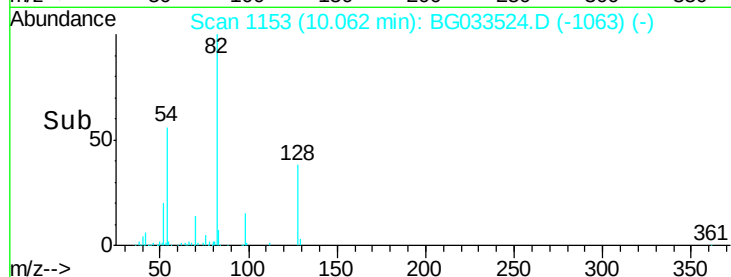
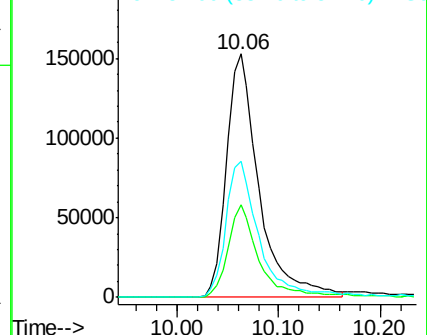
82 100

128 37.9 29.7 44.5

54 56.0 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#31

Naphthalene

Concen: 2.878 ng

RT: 11.80 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BG033524.D

Acq: 3 Apr 2018 14:05

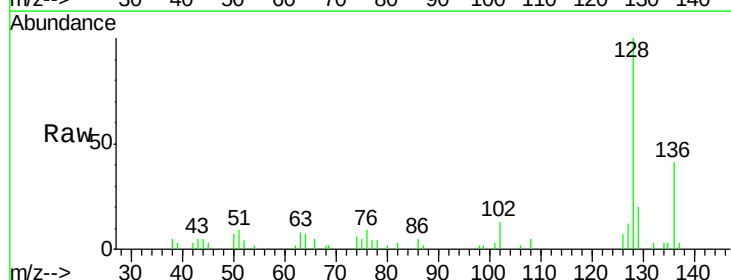
Tgt Ion: 128 Resp: 23083

Ion Ratio Lower Upper

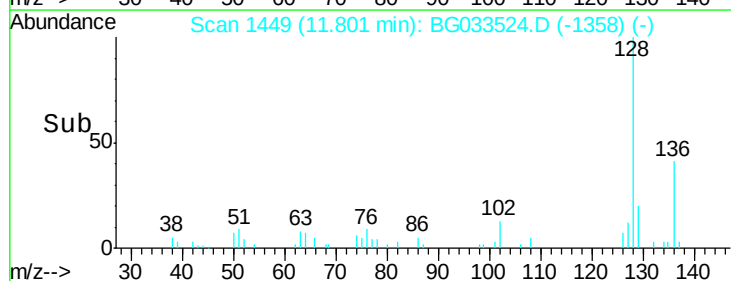
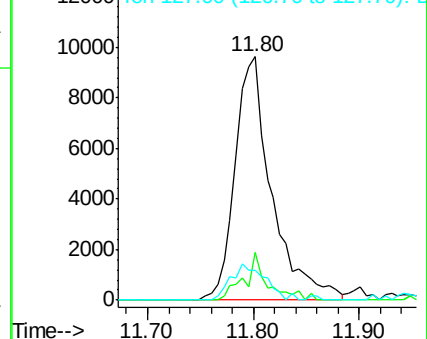
128 100

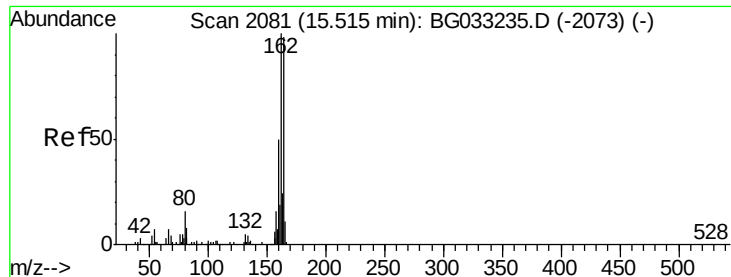
129 19.9 8.6 12.8#

127 12.4 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BG033524.D

Acq: 3 Apr 2018 14:05

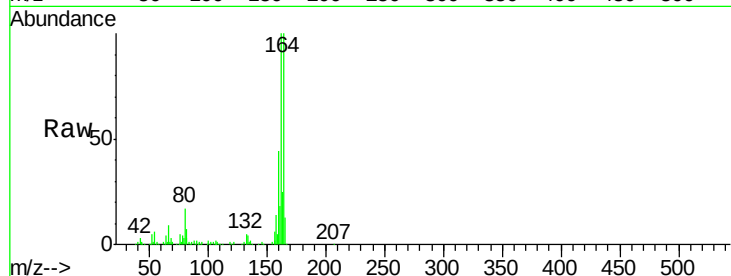
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 118355

Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	44.6	35.4	53.0

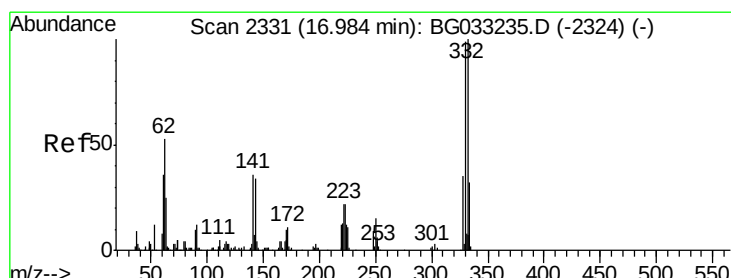
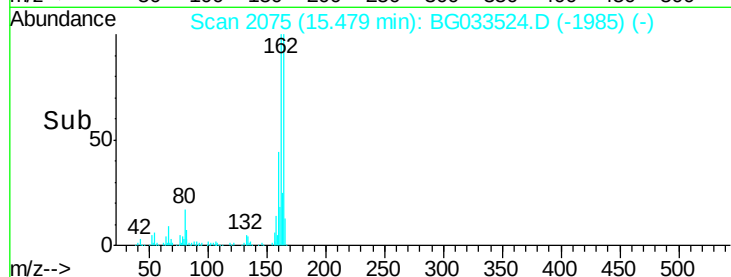
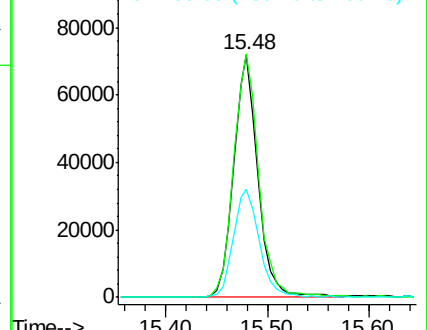


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 133.886 ng

RT: 16.95 min Scan# 2326

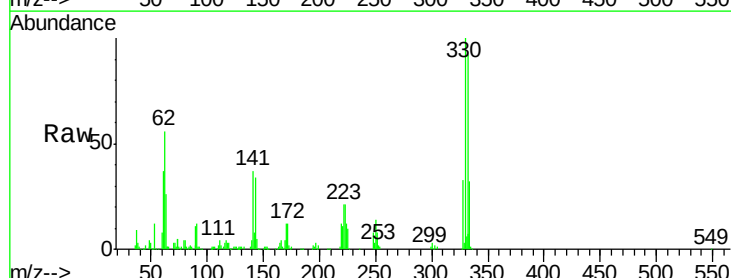
Delta R.T. 0.00 min

Lab File: BG033524.D

Acq: 3 Apr 2018 14:05

Tgt Ion:330 Resp: 236997

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	38.8	25.2	37.8

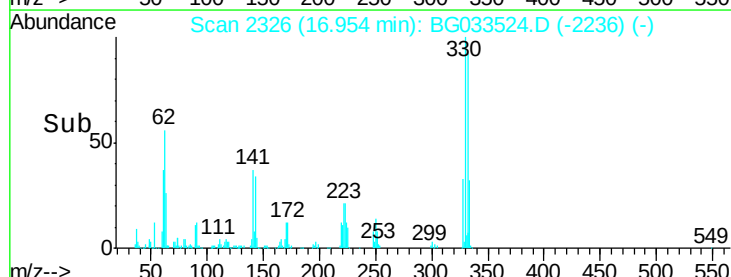
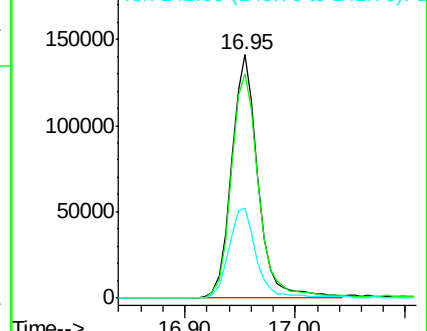


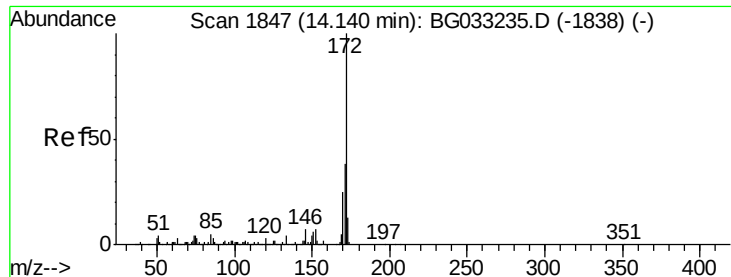
Abundance

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

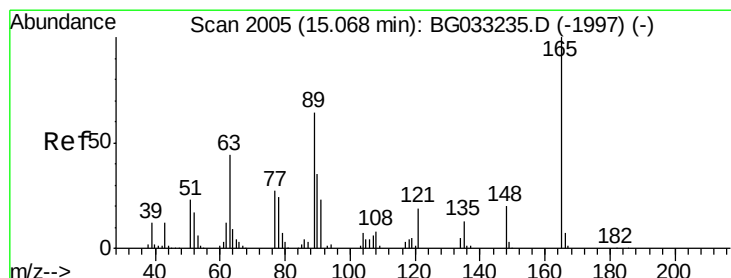
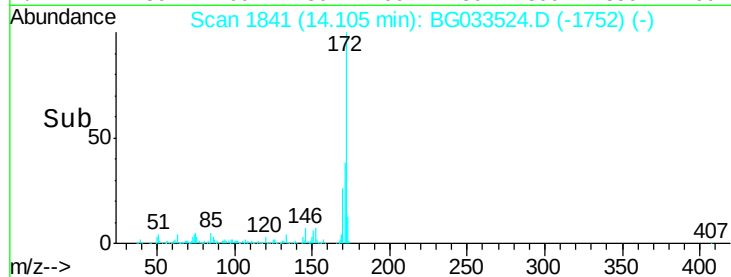
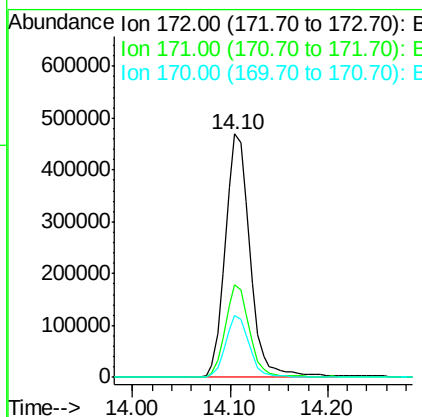
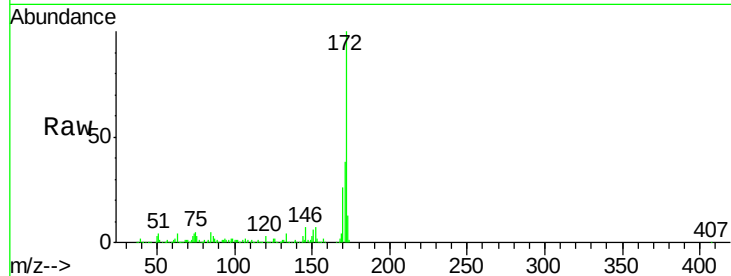




#44
2-Fluorobiphenyl
Concen: 101.476 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG033524.D
Acq: 3 Apr 2018 14:05

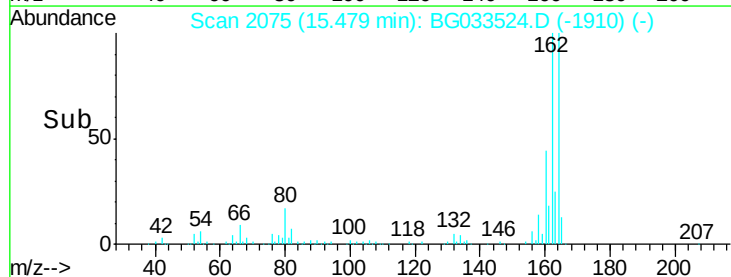
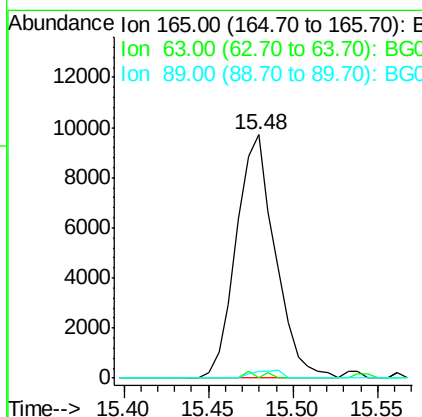
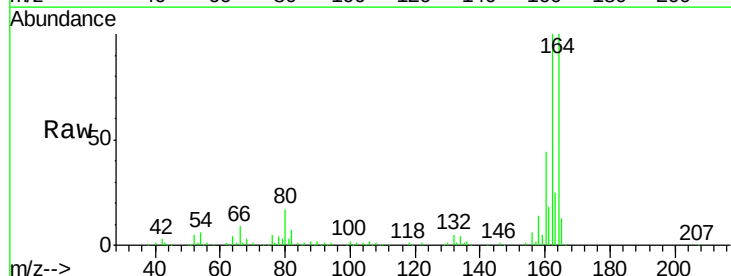
Instrument :
BNA_G
ClientSampleId :

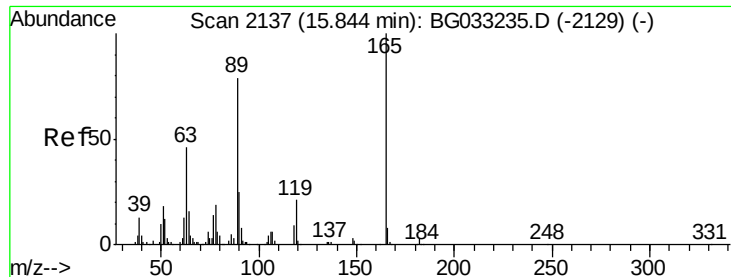
Tot Ion:172 Resp: 831941
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 25.6 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.399 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.44 min
Lab File: BG033524.D
Acq: 3 Apr 2018 14:05

Tgt Ion:165 Resp: 15583
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.6 49.2 73.8#

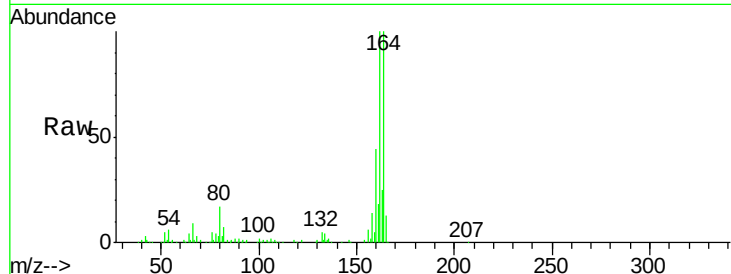




#56
 2,4-Dinitrotoluene
 Concen: 5.025 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.33 min
 Lab File: BG033524.D
 Acq: 3 Apr 2018 14:05

Instrument :
 BNA_G
 ClientSampleId :

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

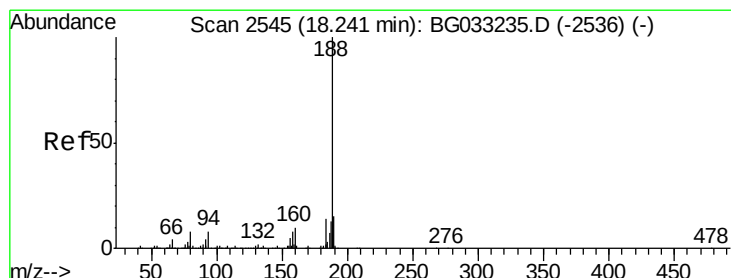
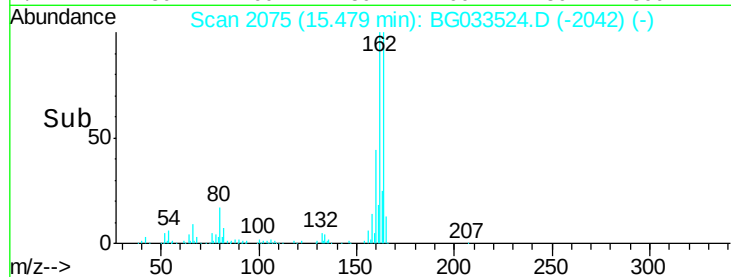
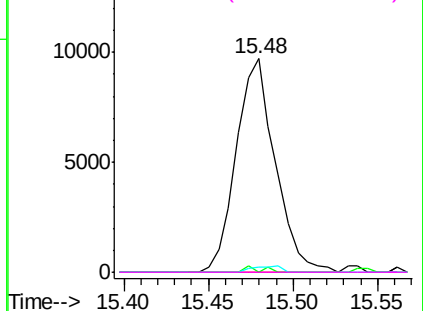


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

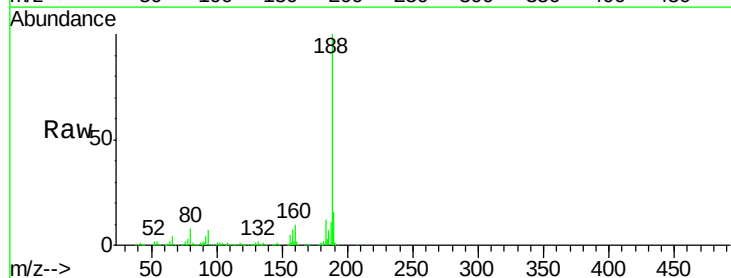
Ion 89.00 (88.70 to 89.70): BGC

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. -0.01 min
 Lab File: BG033524.D
 Acq: 3 Apr 2018 14:05

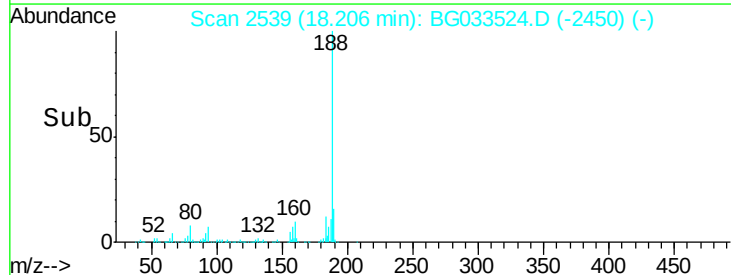
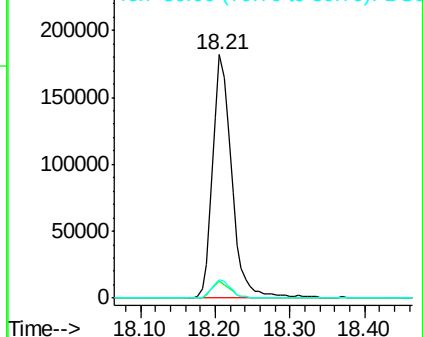
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.7	7.7	11.5#

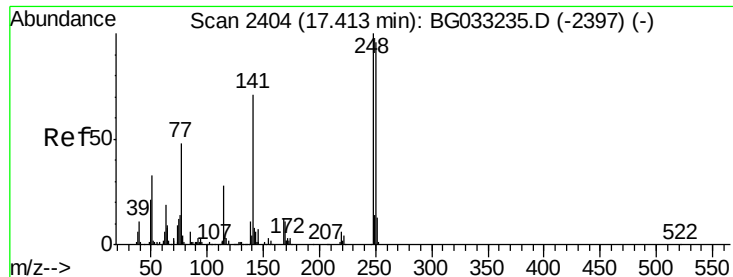


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

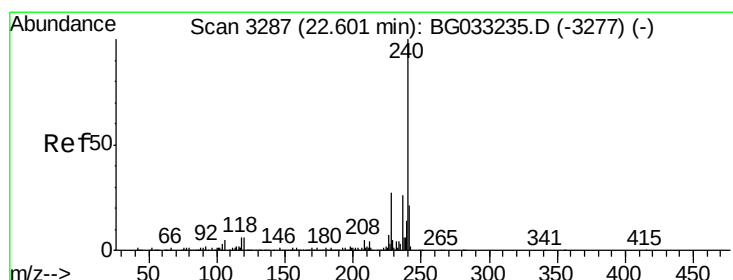
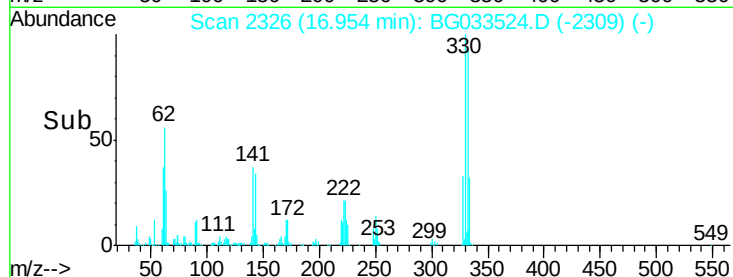
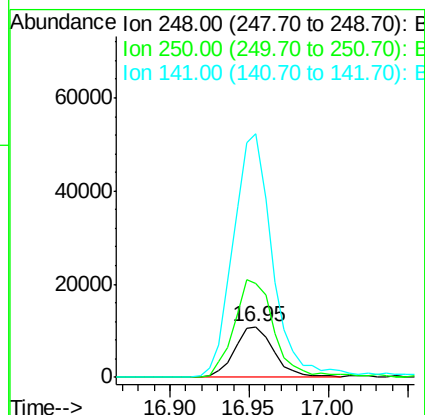
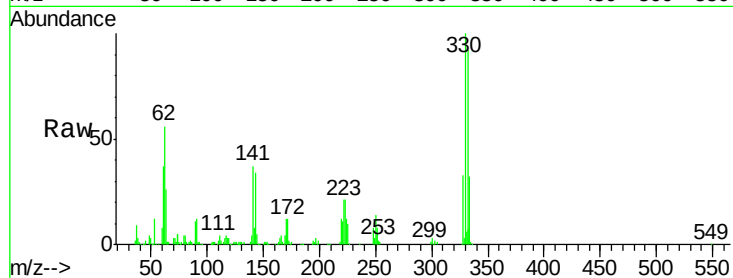




#66
 4-Bromophenyl-phenylether
 Concen: 4.911 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033524.D
 Acq: 3 Apr 2018 14:05

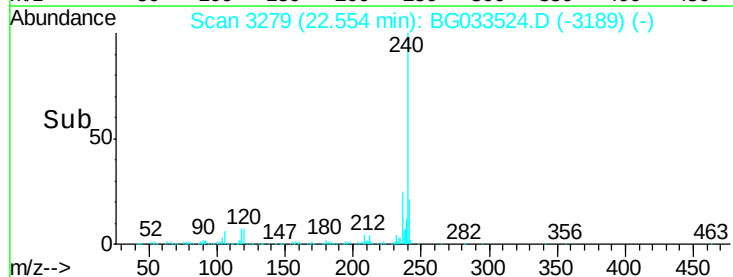
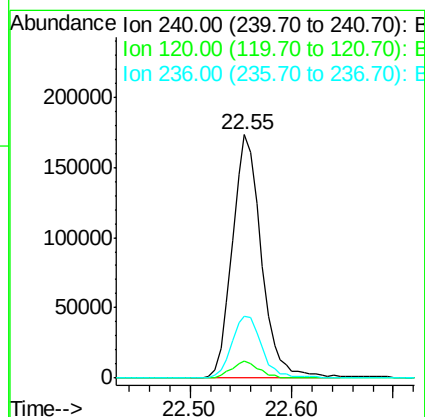
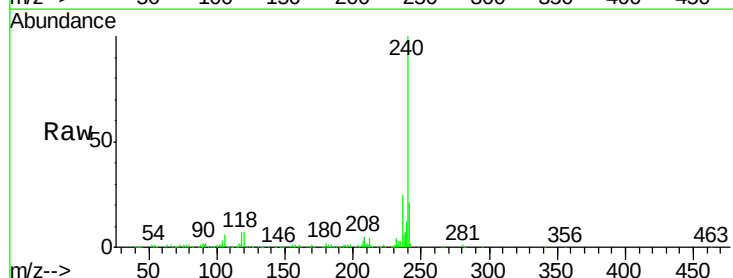
Instrument :
 BNA_G
 ClientSampleId :

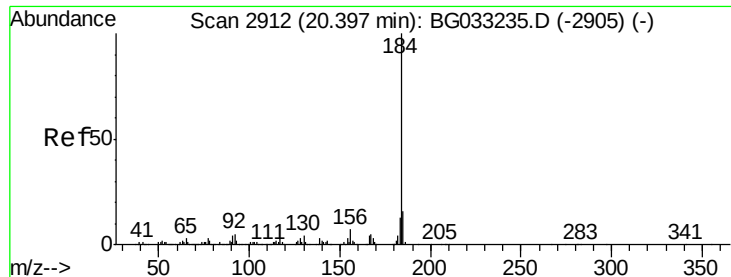
Tot Ion:248 Resp: 18671
 Ion Ratio Lower Upper
 248 100
 250 184.6 77.1 115.7#
 141 481.0 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. 0.00 min
 Lab File: BG033524.D
 Acq: 3 Apr 2018 14:05

Tgt Ion:240 Resp: 344497
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.8 10.2
 236 25.3 20.9 31.3





#76

Benzidine

Concen: 10.343 ng

RT: 20.37 min Scan# 2907

Delta R.T. 0.00 min

Lab File: BG033524.D

Acq: 3 Apr 2018 14:05

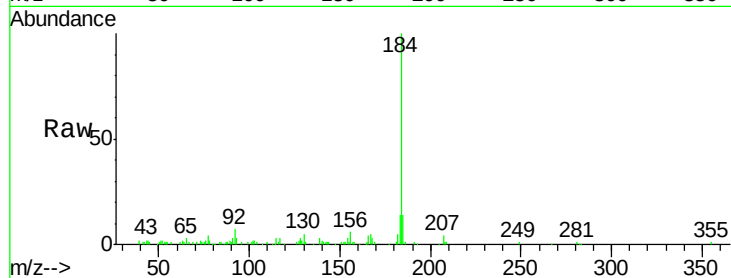
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 96627

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.1	16.7
183	13.7	10.6	16.0

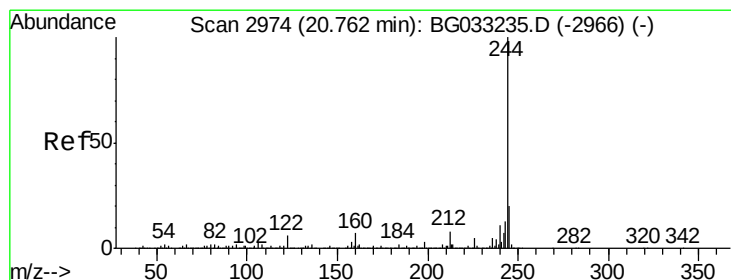
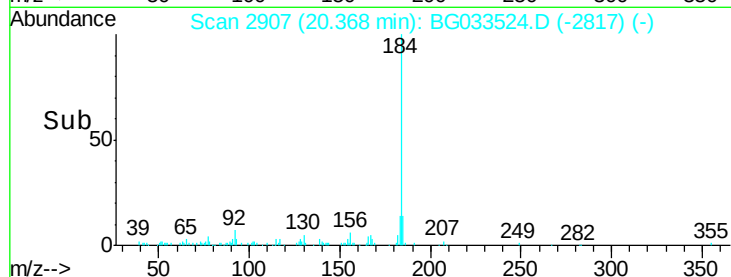
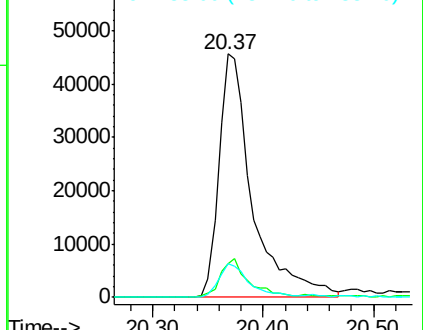


Abundance

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: 100.769 ng

RT: 20.73 min Scan# 2969

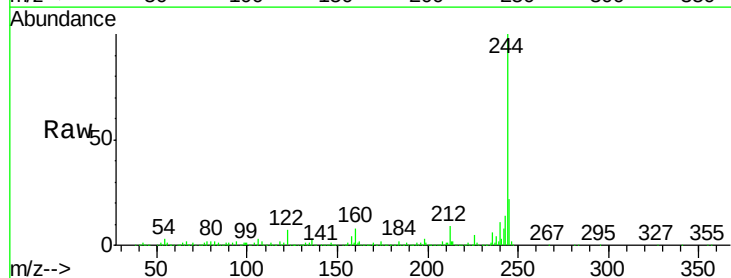
Delta R.T. 0.00 min

Lab File: BG033524.D

Acq: 3 Apr 2018 14:05

Tgt Ion:244 Resp: 1623232

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	7.4	7.0	10.4

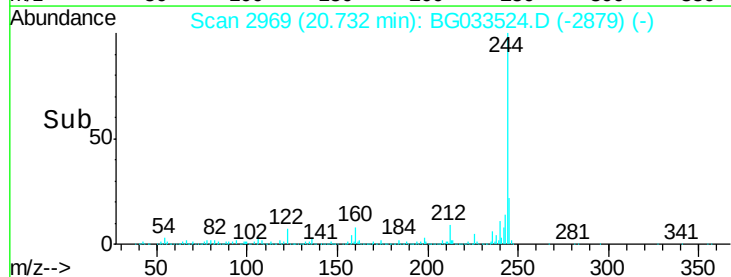
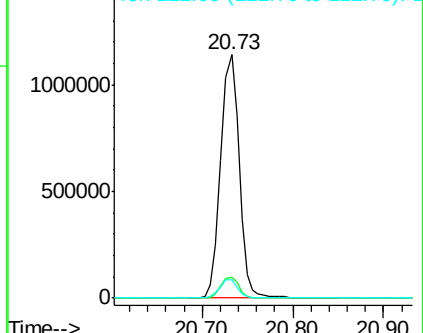


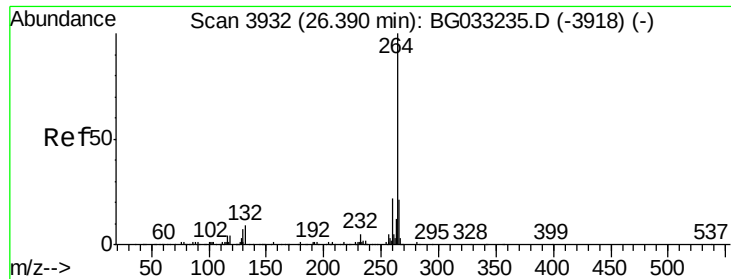
Abundance

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: 26.32 min Scan# 3920
Delta R.T. 0.00 min
Lab File: BG033524.D
Acq: 3 Apr 2018 14:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	23.1	17.7	26.5

