

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033461.D
 Acq On : 30 Mar 2018 23:17
 Operator : SJ/JU
 Sample : J1760-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 31 01:25:18 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

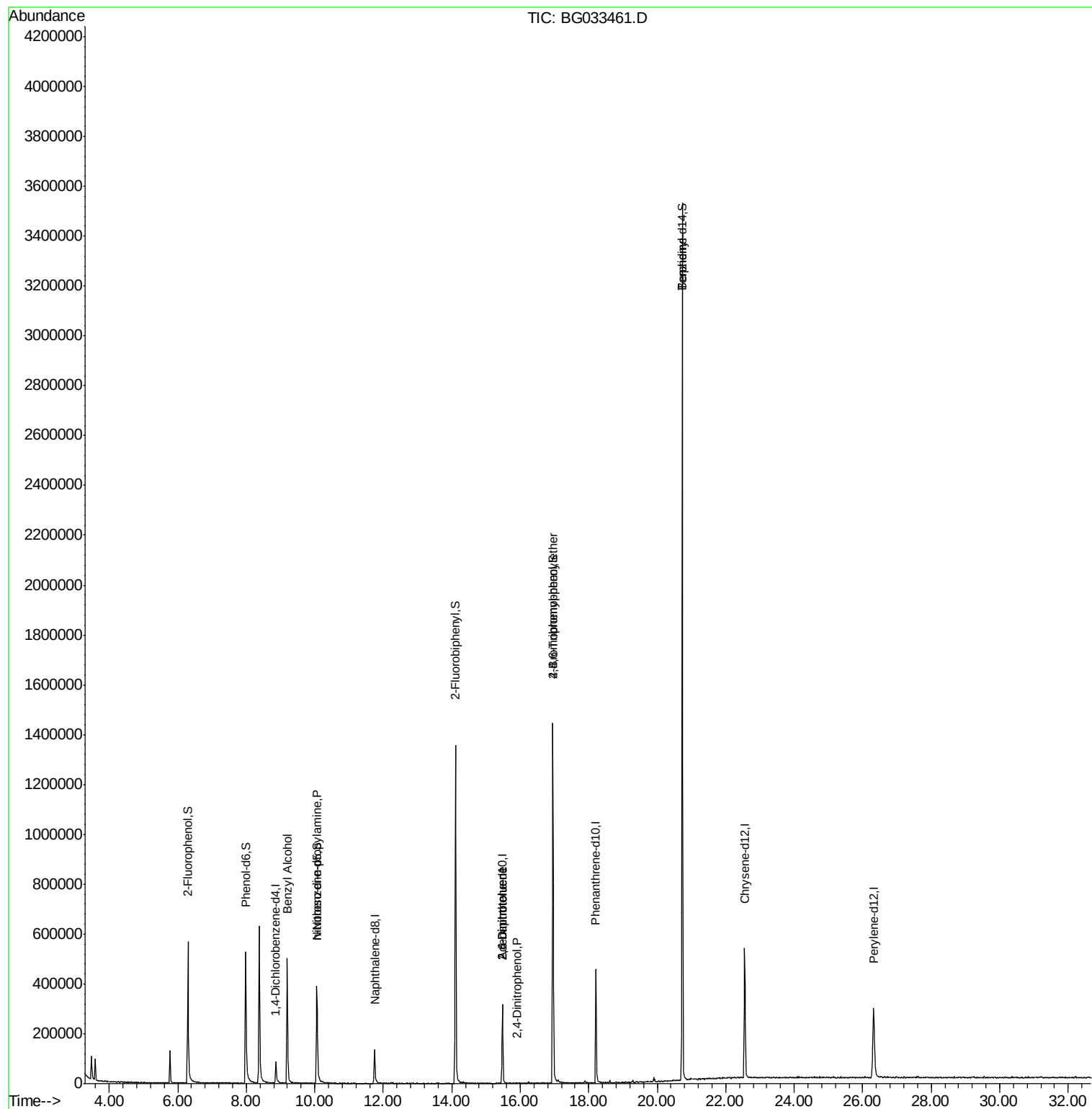
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32743	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	144224	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	112931	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	340224	20.00	ng	0.00
75) Chrysene-d12	22.55	240	367883	20.00	ng	0.00
86) Perylene-d12	26.32	264	399774	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	285436	163.46	ng	0.00
7) Phenol-d6	7.98	99	381909	127.29	ng	0.00
23) Nitrobenzene-d5	10.06	82	321074	102.28	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	292751	173.33	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	784266	100.26	ng	0.00
78) Terphenyl-d14	20.73	244	1736172	100.93	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5645	2.390	ng	# 34
19) n-Nitroso-di-n-propylamine	10.06	70	43743	19.897	ng	# 71
50) 2,6-Dinitrotoluene	15.47	165	14760	7.345	ng	# 18
53) 2,4-Dinitrophenol	15.92	184	62	7.697	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	14760	4.988	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	22679	5.676	ng	# 1
76) Benzidine	20.73	184	29549	2.962	ng	96

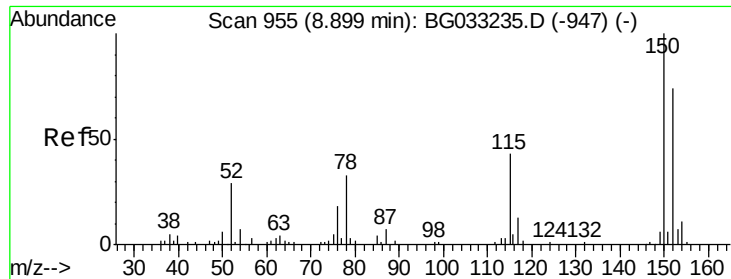
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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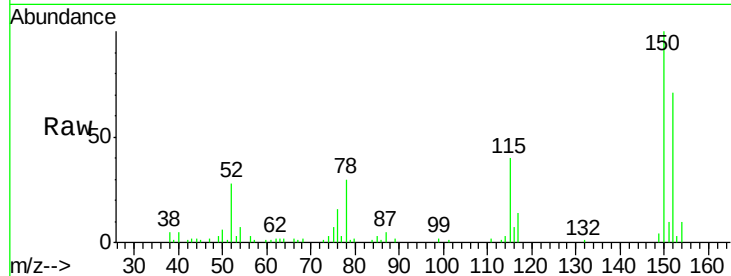


#1

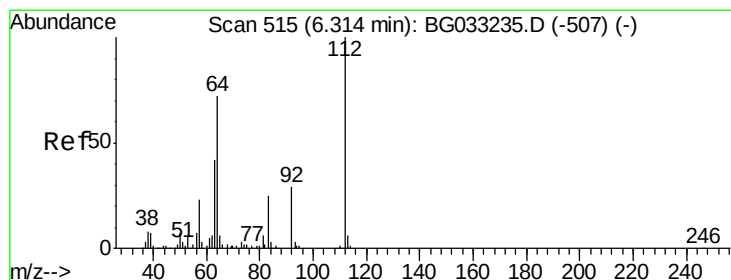
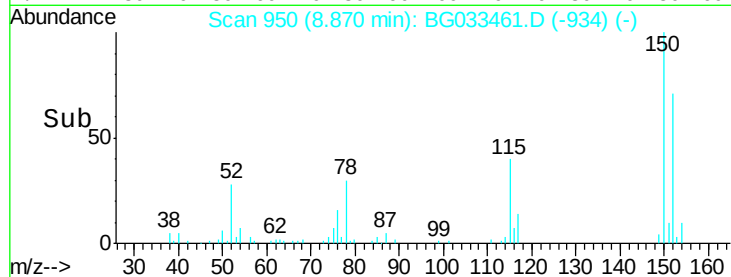
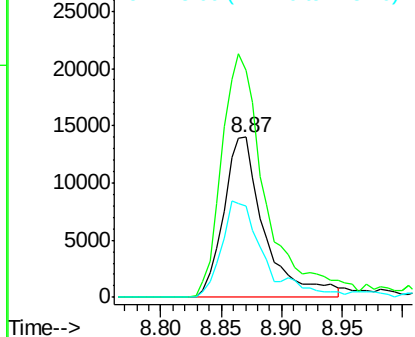
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033461.D
Acq: 30 Mar 2018 23:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32743
Ion Ratio Lower Upper
152 100
150 141.6 126.6 189.8
115 56.9 53.0 79.4



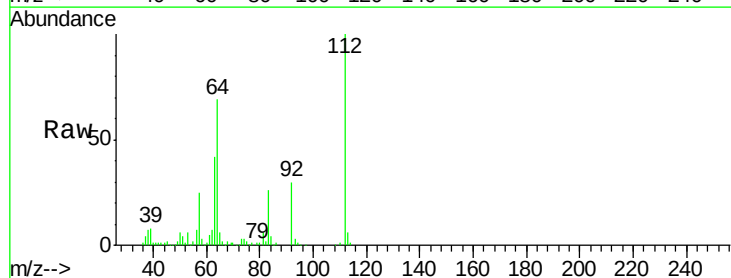
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



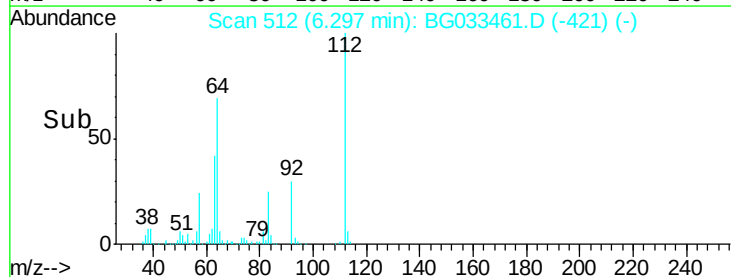
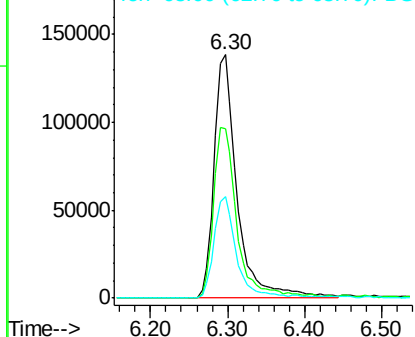
#5

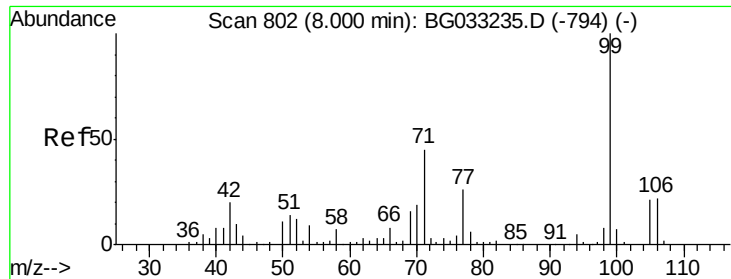
2-Fluorophenol
Concen: 163.463 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033461.D
Acq: 30 Mar 2018 23:17

Tgt Ion:112 Resp: 285436
Ion Ratio Lower Upper
112 100
64 69.3 56.3 84.5
63 41.8 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: 127.290 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033461.D

Acq: 30 Mar 2018 23:17

Instrument :

BNA_G

ClientSampleId :

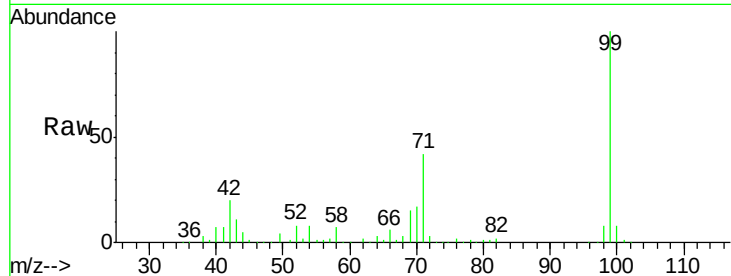
Tot Ion: 99 Resp: 381909

Ion Ratio Lower Upper

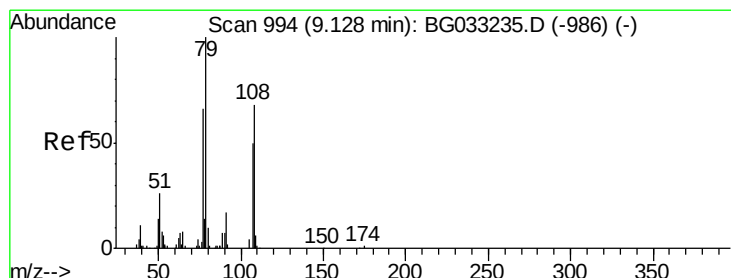
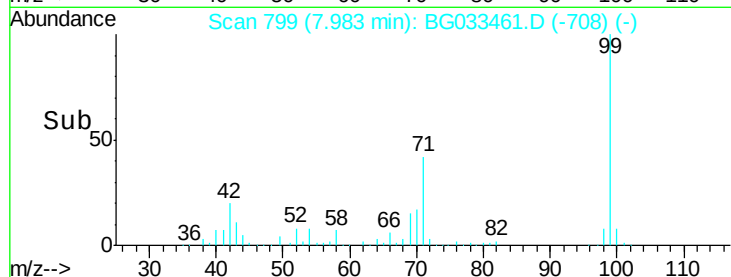
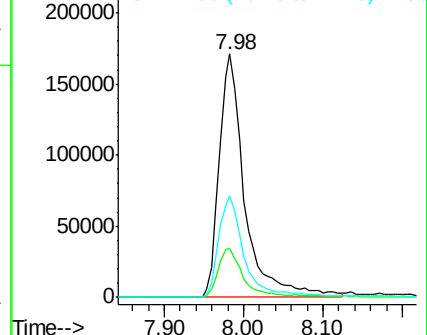
99 100

42 20.3 14.1 21.1

71 41.9 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: 2.390 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033461.D

Acq: 30 Mar 2018 23:17

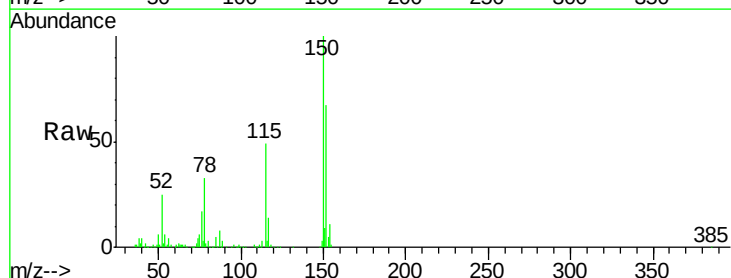
Tgt Ion: 79 Resp: 5645

Ion Ratio Lower Upper

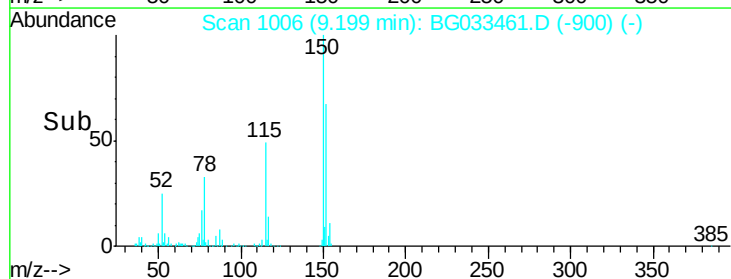
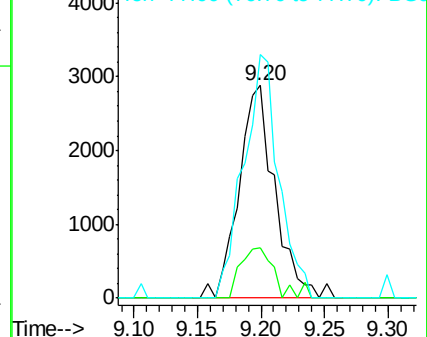
79 100

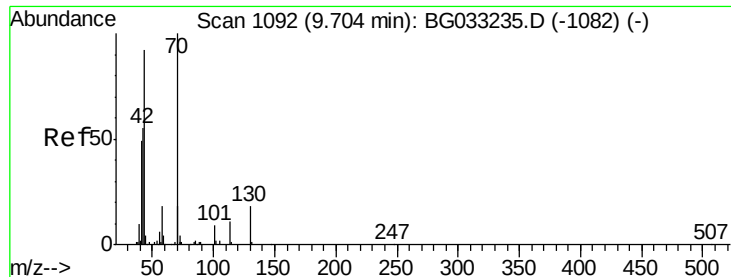
108 23.9 57.2 85.8#

77 114.6 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

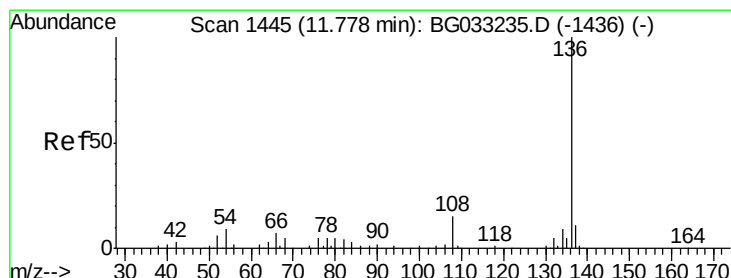
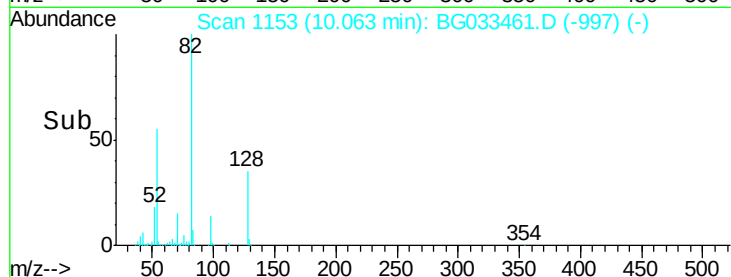
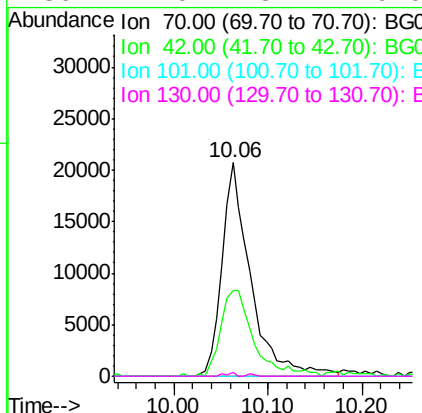
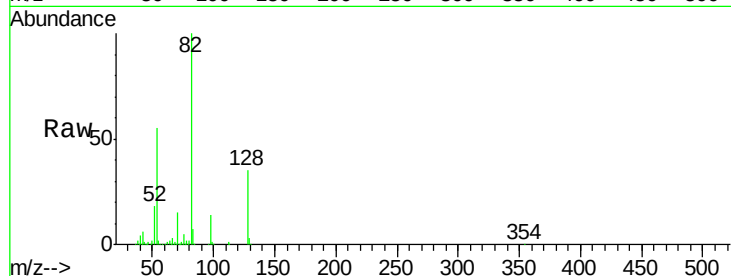




#19
n-Nitroso-di-n-propylamine
Concen: 19.897 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033461.D
Acq: 30 Mar 2018 23:17

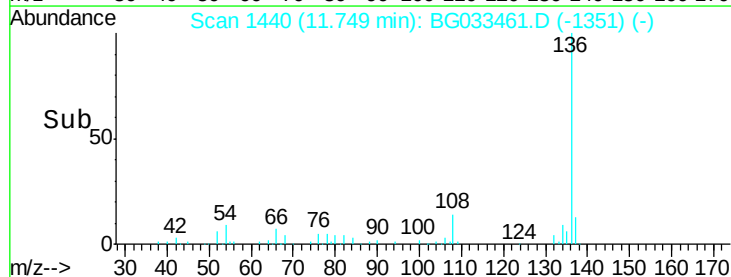
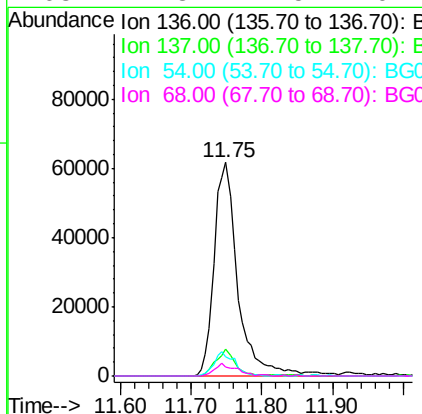
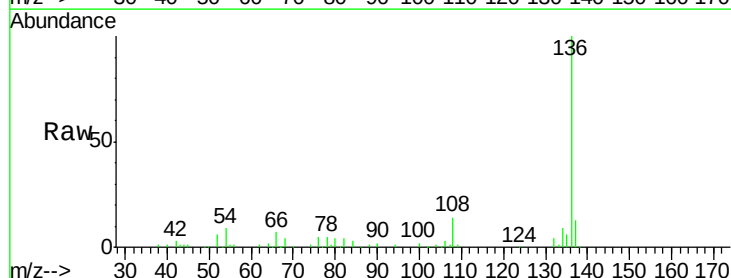
Instrument :
BNA_G
ClientSampleId :

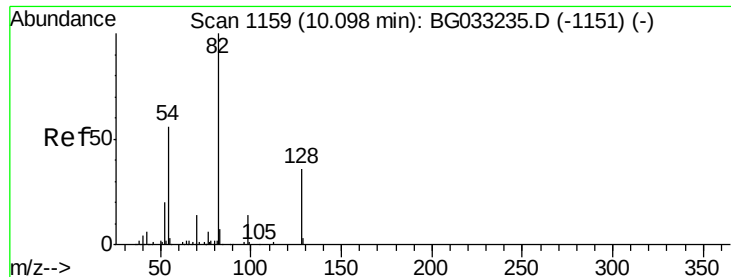
Tot Ion: 70 Resp: 43743
Ion Ratio Lower Upper
70 100
42 40.2 49.1 73.7#
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033461.D
Acq: 30 Mar 2018 23:17

Tgt Ion: 136 Resp: 144224
Ion Ratio Lower Upper
136 100
137 12.8 9.2 13.8
54 9.3 10.3 15.5#
68 4.3 4.5 6.7#

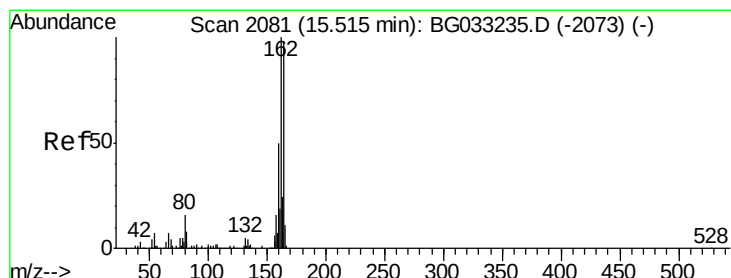
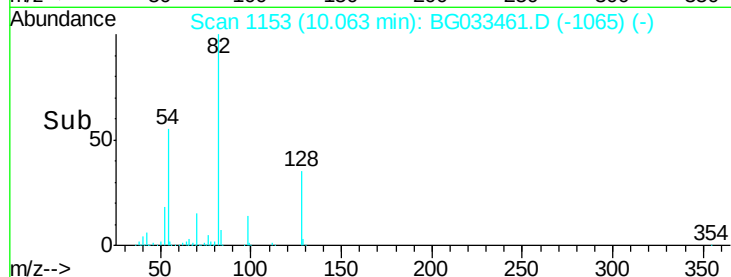
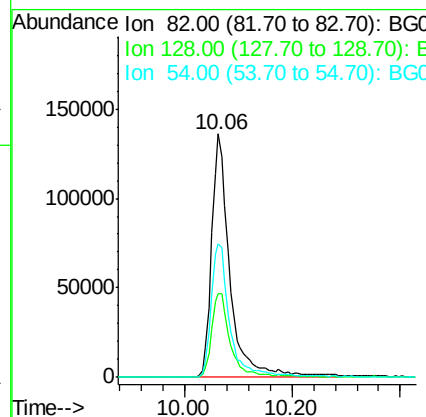
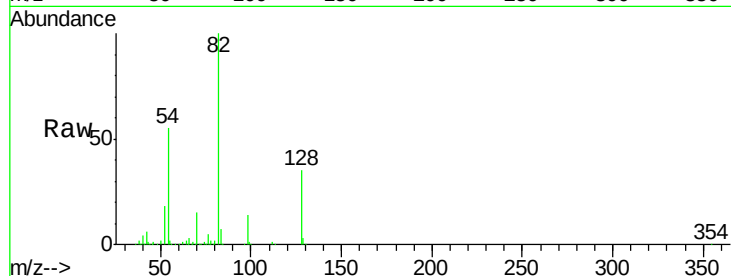




#23
 Nitrobenzene-d5
 Concen: 102.281 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033461.D
 Acq: 30 Mar 2018 23:17

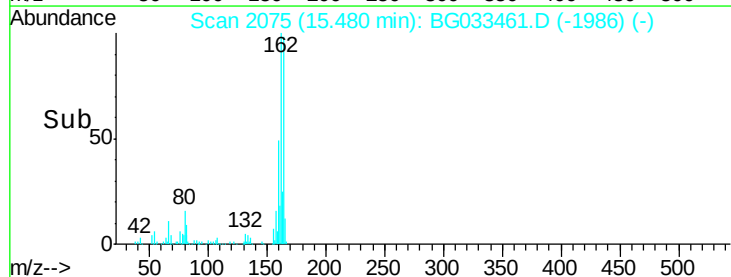
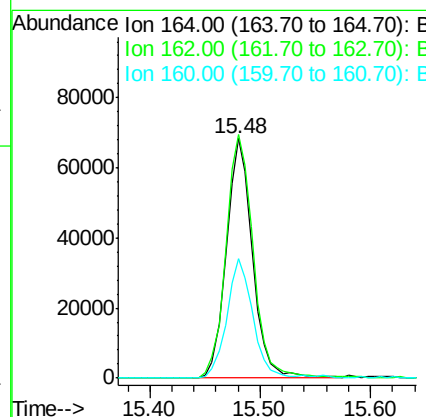
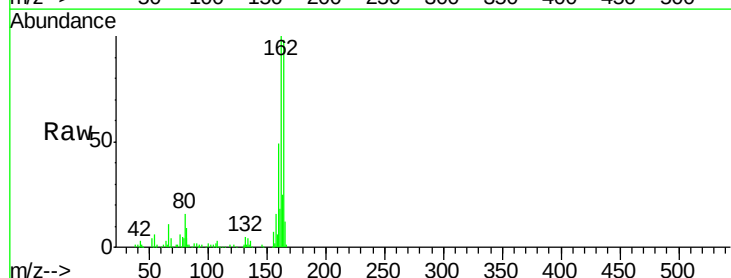
Instrument :
 BNA_G
 ClientSampleId :

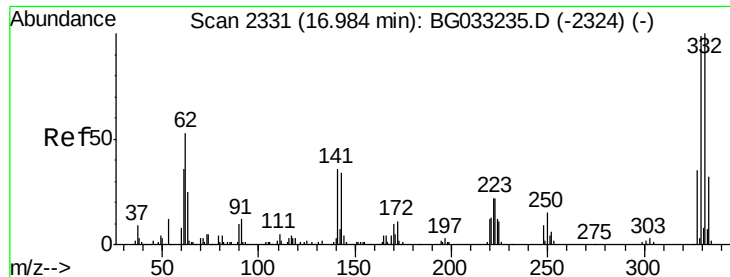
Tot Ion: 82 Resp: 321074
 Ion Ratio Lower Upper
 82 100
 128 34.5 29.7 44.5
 54 54.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033461.D
 Acq: 30 Mar 2018 23:17

Tgt Ion: 164 Resp: 112931
 Ion Ratio Lower Upper
 164 100
 162 101.6 78.8 118.2
 160 49.8 35.4 53.0

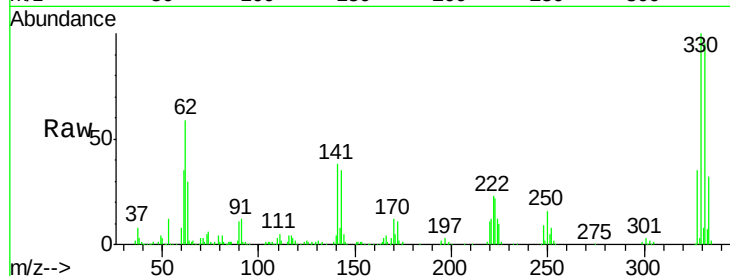




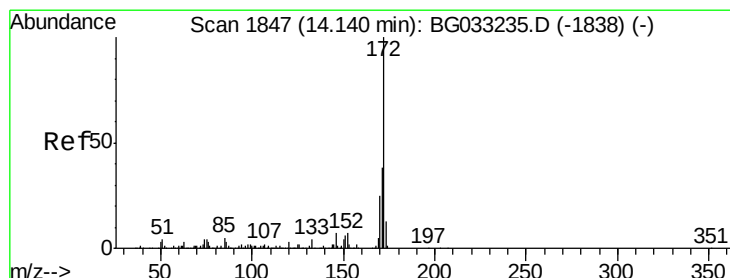
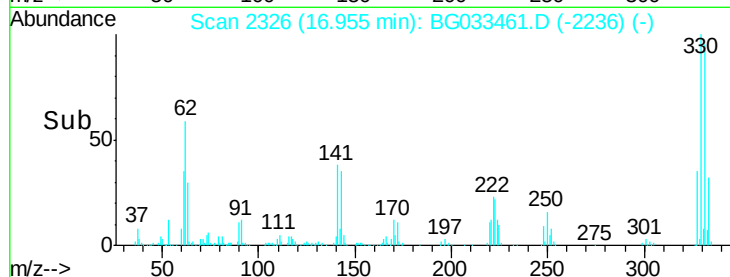
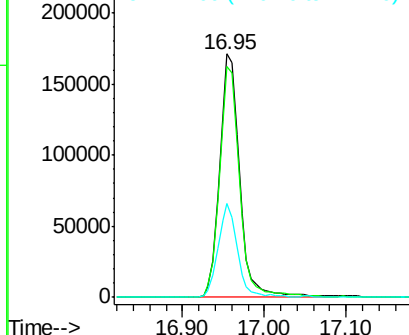
#41
 2,4,6-Tribromophenol
 Concen: 173.327 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033461.D
 Acq: 30 Mar 2018 23:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	37.2	25.2	37.8

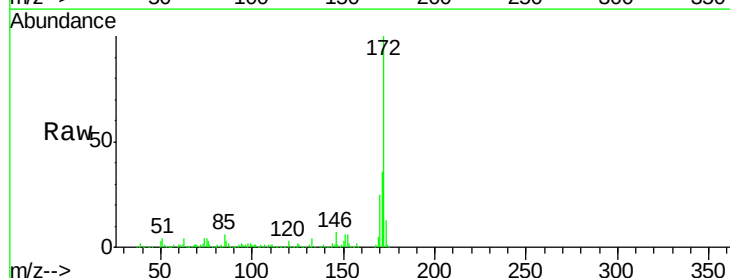


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

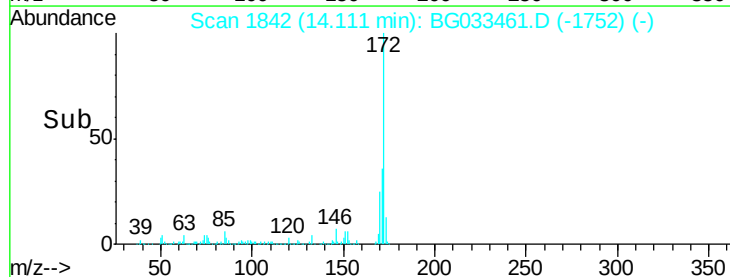
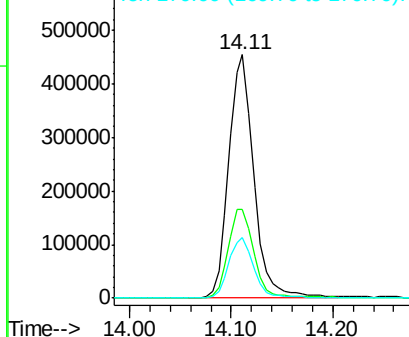


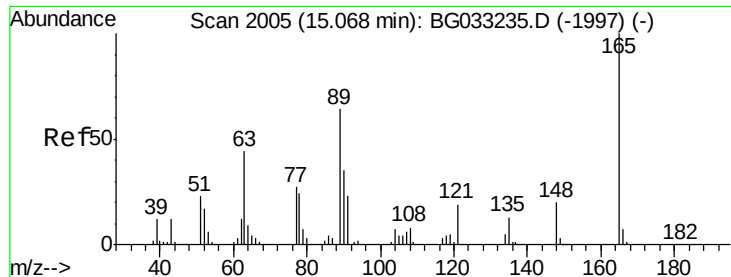
#44
 2-Fluorobiphenyl
 Concen: 100.255 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033461.D
 Acq: 30 Mar 2018 23:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

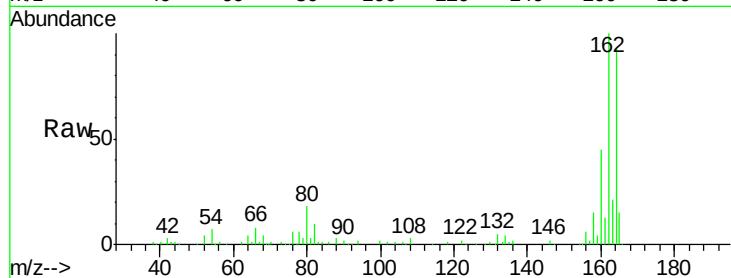




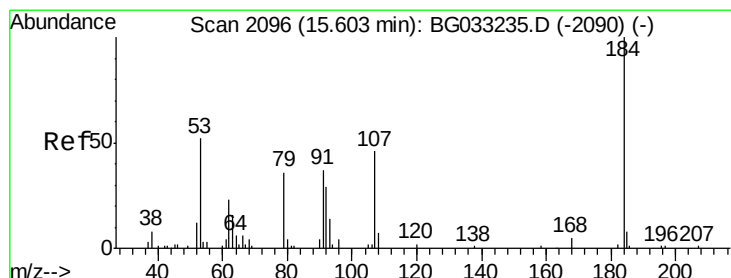
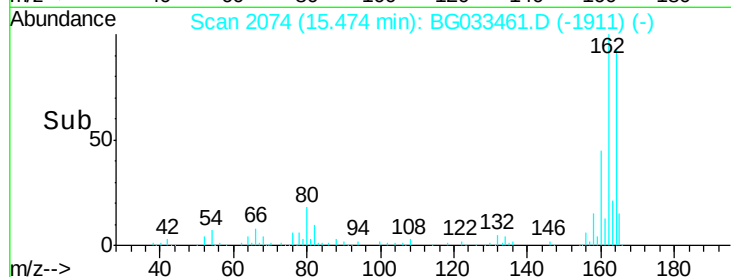
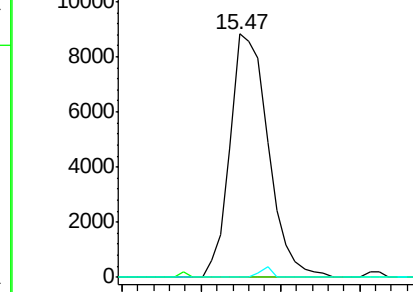
#50
 2,6-Dinitrotoluene
 Concen: 7.345 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.43 min
 Lab File: BG033461.D
 Acq: 30 Mar 2018 23:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 14760
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

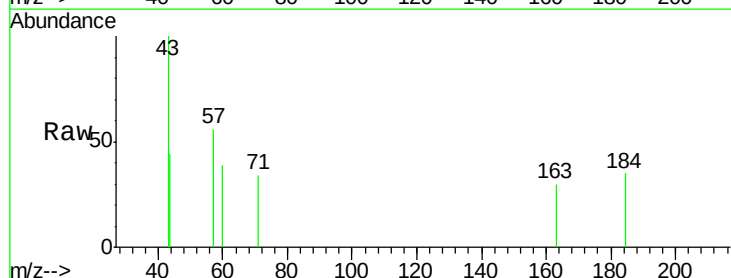


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

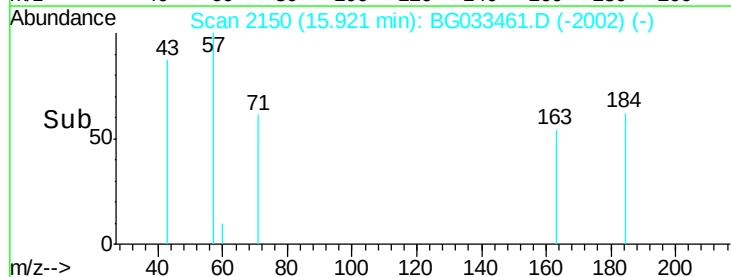
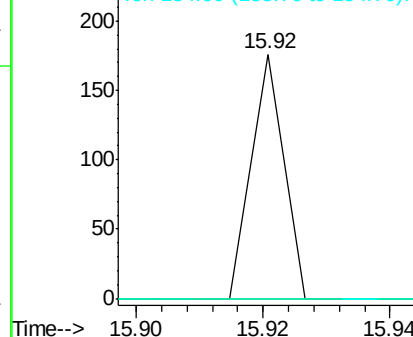


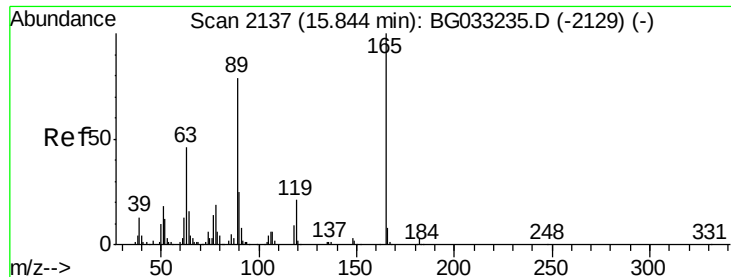
#53
 2,4-Dinitrophenol
 Concen: 7.697 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. 0.34 min
 Lab File: BG033461.D
 Acq: 30 Mar 2018 23:17

Tgt Ion:184 Resp: 62
 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

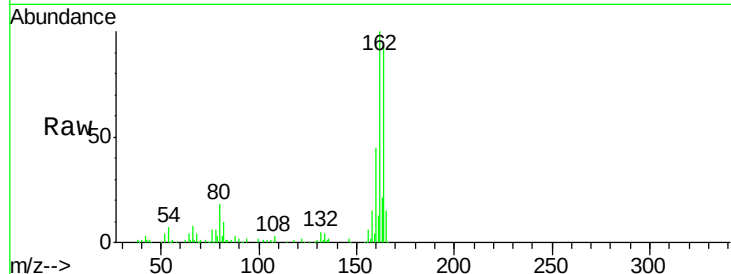




#56
 2,4-Dinitrotoluene
 Concen: 4.988 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.35 min
 Lab File: BG033461.D
 Acq: 30 Mar 2018 23:17

Instrument :
 BNA_G
 ClientSampleId :

Tot 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#

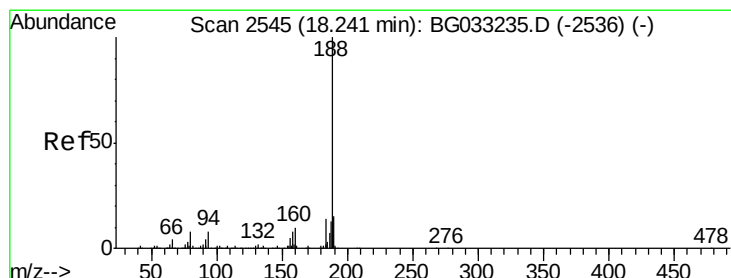
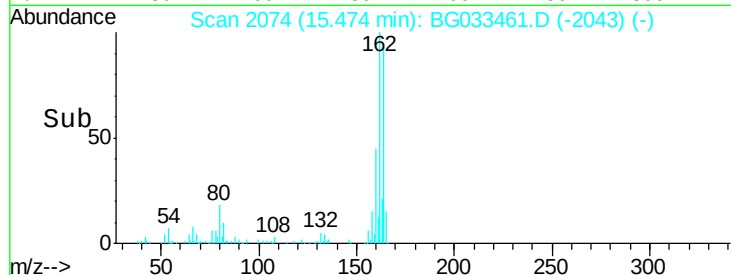
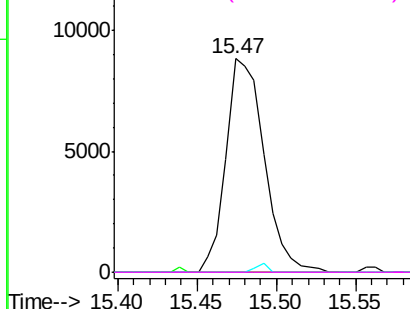


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

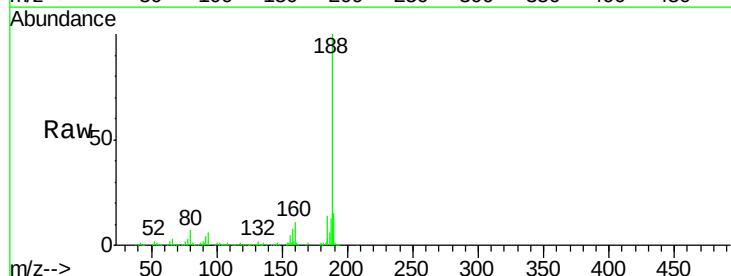
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033461.D
 Acq: 30 Mar 2018 23:17

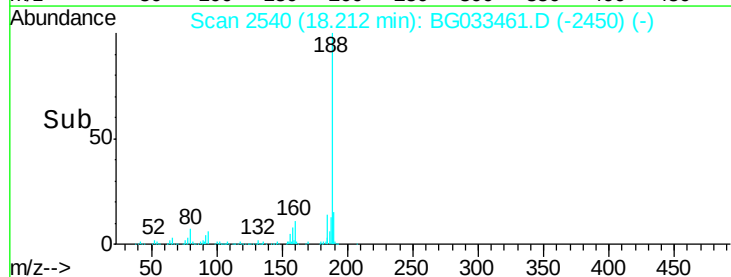
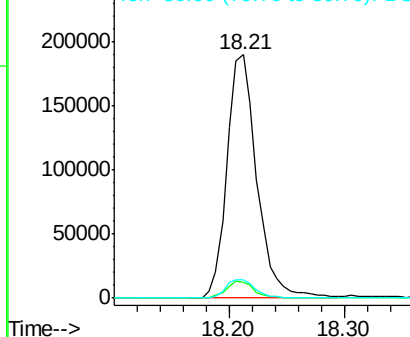
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.5	7.7	11.5#

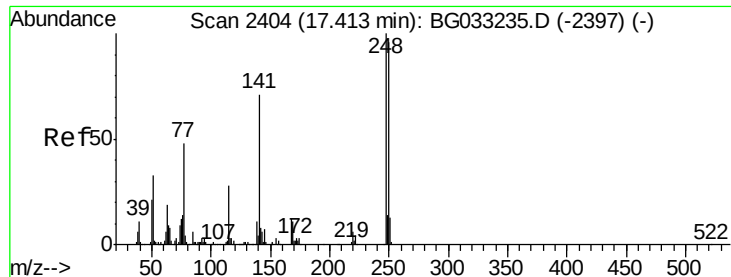


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

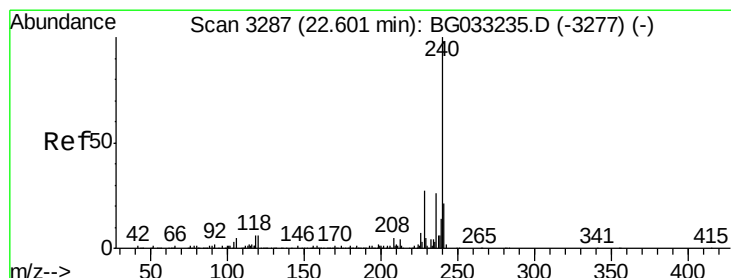
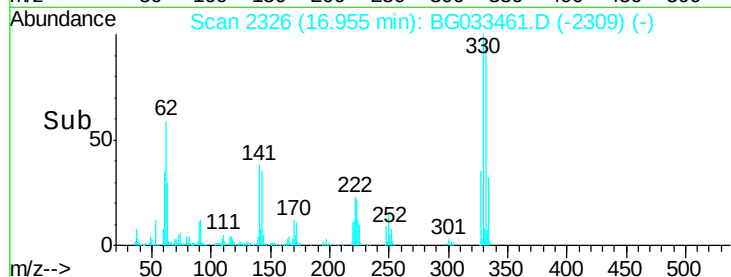
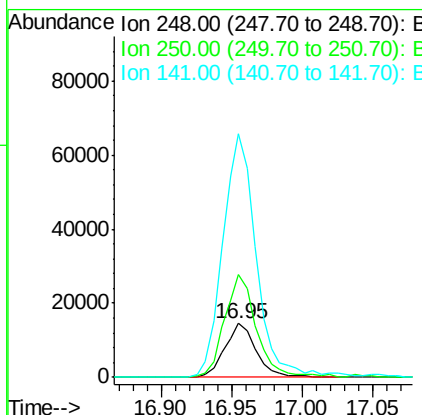
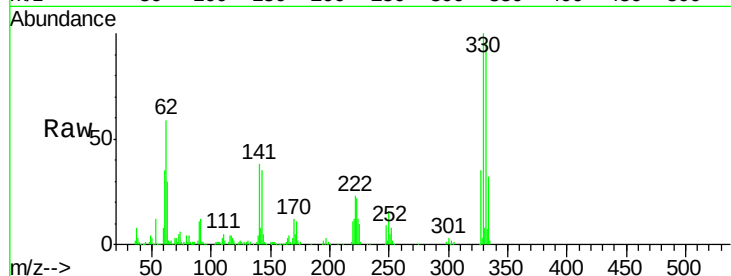




#66
4-Bromophenyl-phenylether
Concen: 5.676 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033461.D
Acq: 30 Mar 2018 23:17

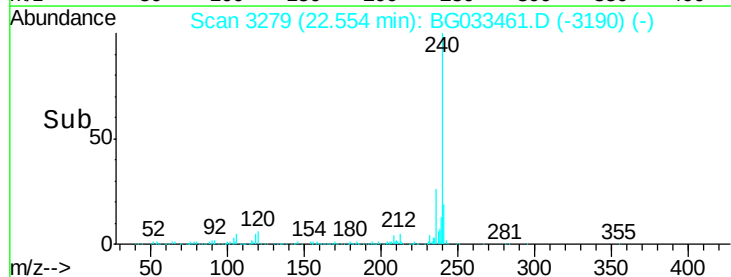
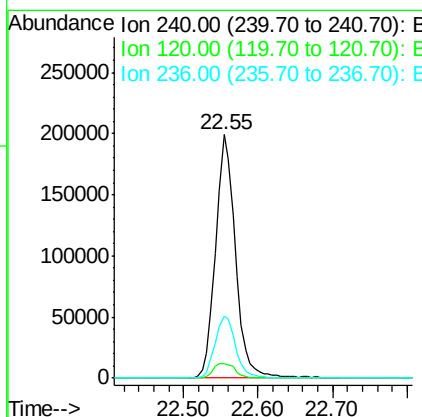
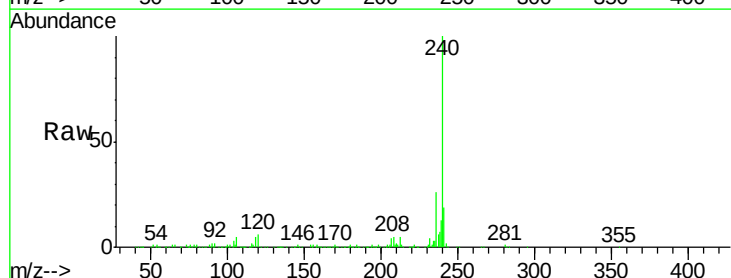
Instrument :
BNA_G
ClientSampleId :

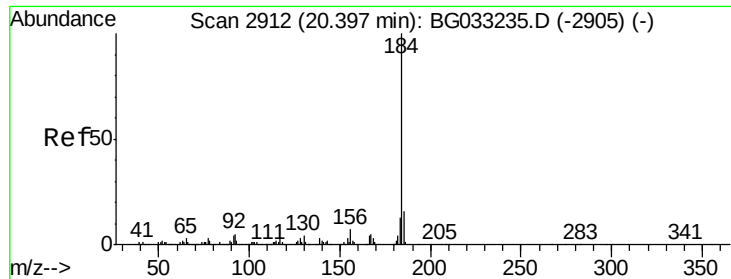
Tot Ion:248 Resp: 22679
Ion Ratio Lower Upper
248 100
250 191.1 77.1 115.7#
141 450.3 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033461.D
Acq: 30 Mar 2018 23:17

Tgt Ion:240 Resp: 367883
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 25.7 20.9 31.3

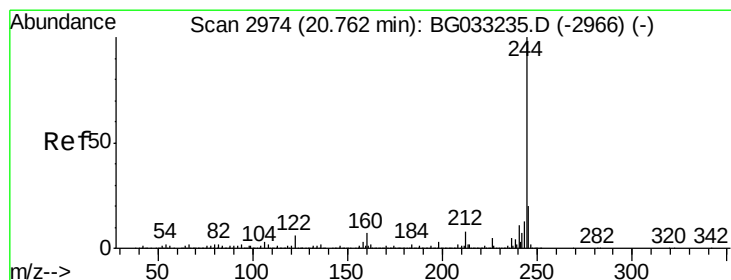
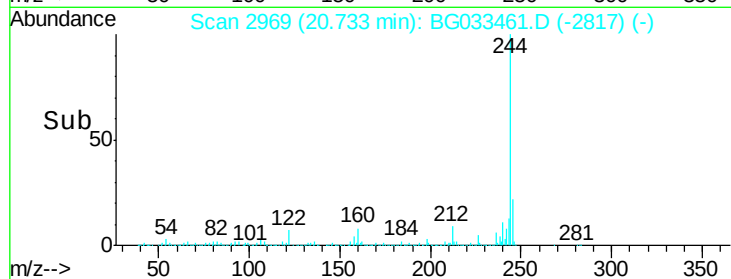
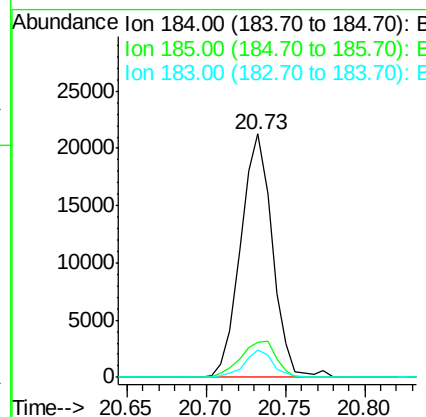
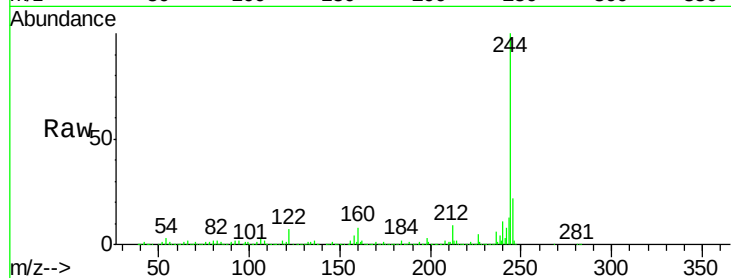




#76
Benzidine
Concen: 2.962 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.36 min
Lab File: BG033461.D
Acq: 30 Mar 2018 23:17

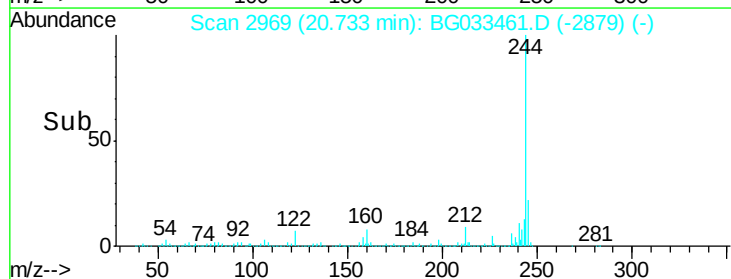
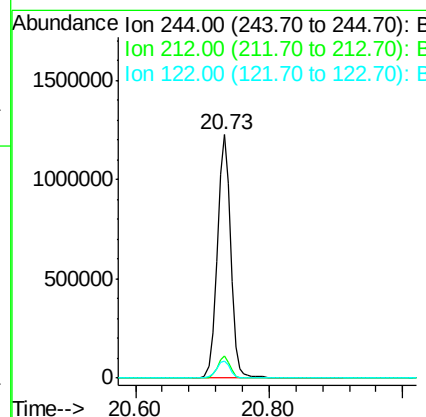
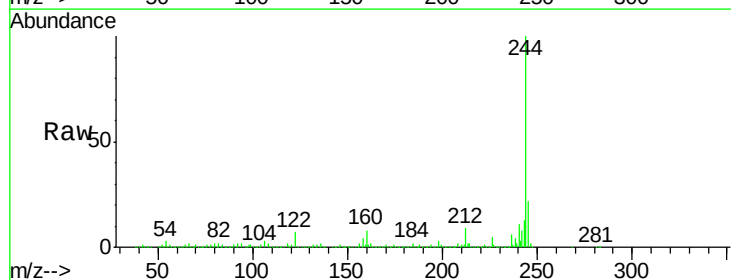
Instrument :
BNA_G
ClientSampleId :

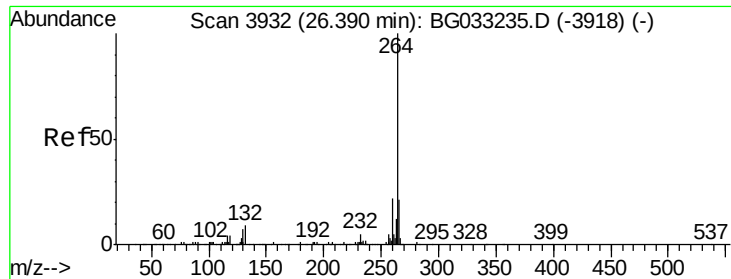
Tot Ion:184 Resp: 29549
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 11.0 10.6 16.0



#78
Terphenyl-d14
Concen: 100.929 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033461.D
Acq: 30 Mar 2018 23:17

Tgt Ion:244 Resp: 1736172
Ion Ratio Lower Upper
244 100
212 9.2 5.8 8.8#
122 7.3 7.0 10.4

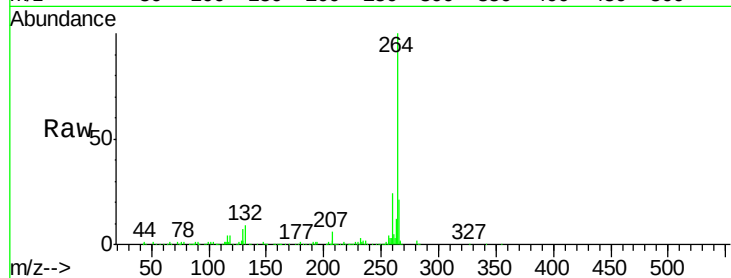




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033461.D
Acq: 30 Mar 2018 23:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.0	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

