

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041018\
 Data File : BG033741.D
 Acq On : 11 Apr 2018 10:02
 Operator : SJ/JU
 Sample : PB108130BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108130BL

Quant Time: Apr 11 11:56:26 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

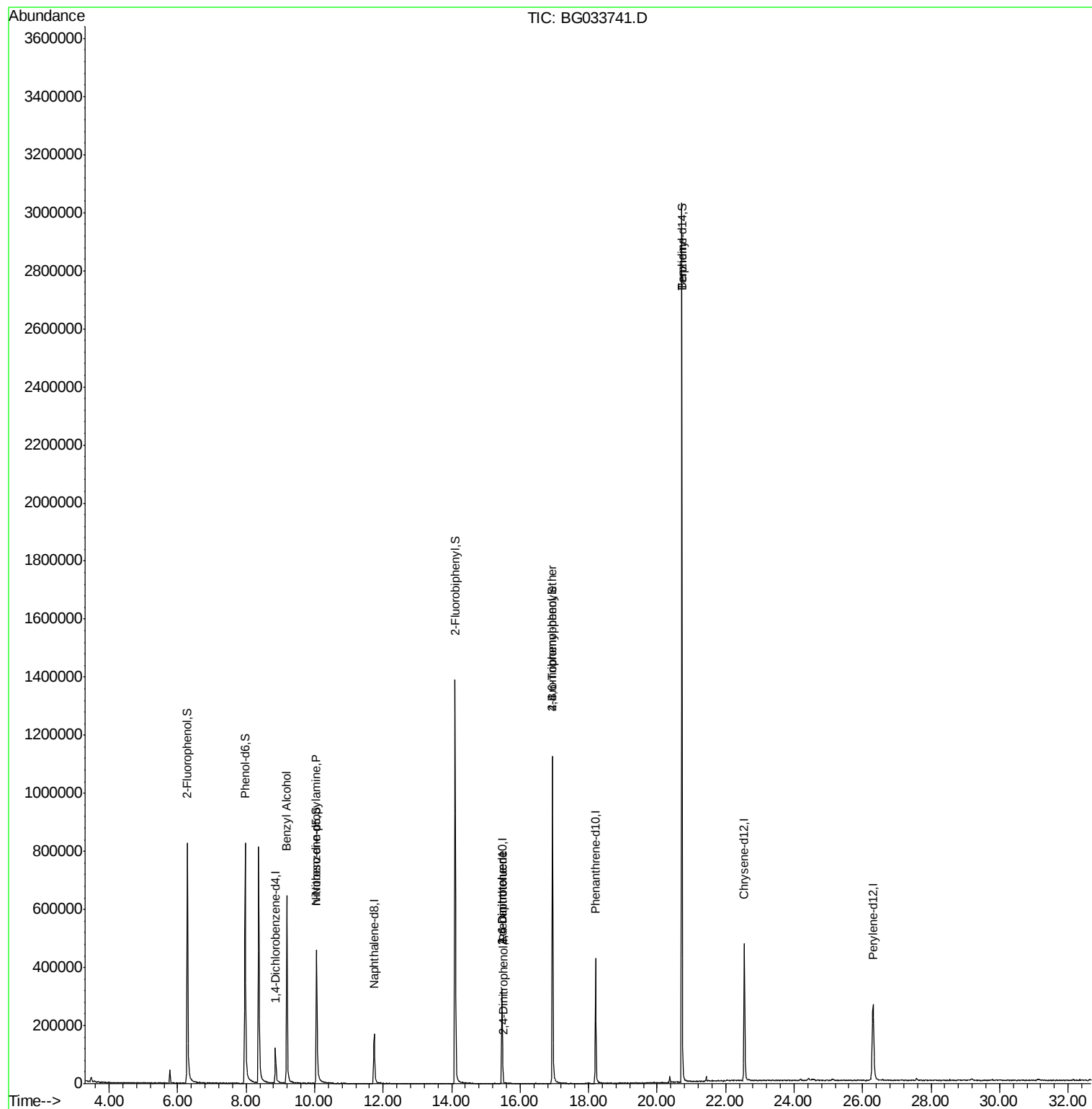
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	44229	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	176067	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	120981	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	314153	20.00	ng	0.00
75) Chrysene-d12	22.55	240	345110	20.00	ng	0.00
86) Perylene-d12	26.30	264	367962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	398472	168.94	ng	0.00
7) Phenol-d6	7.97	99	553952	136.68	ng	0.00
23) Nitrobenzene-d5	10.05	82	359088	93.70	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	221251	122.28	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	802014	95.70	ng	0.00
78) Terphenyl-d14	20.72	244	1500576	92.99	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6983	2.188	ng	# 41
19) n-Nitroso-di-n-propylamine	10.06	70	46296	15.589	ng	# 78
50) 2,6-Dinitrotoluene	15.47	165	15769	7.325	ng	# 19
53) 2,4-Dinitrophenol	15.51	184	53	7.686	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	15770	4.975	ng	# 17
66) 4-Bromophenyl-phenylether	16.95	248	17761	4.814	ng	# 1
76) Benzydine	20.72	184	25597	2.735	ng	# 89

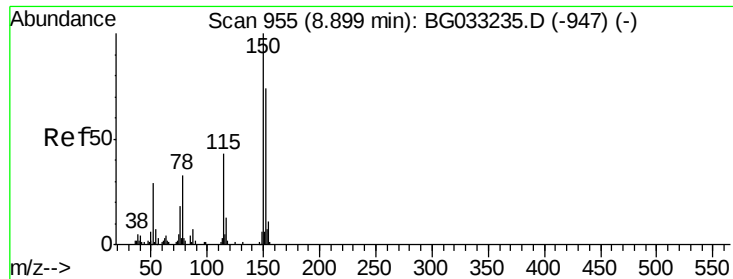
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041018\
Data File : BG033741.D
Acq On : 11 Apr 2018 10:02
Operator : SJ/JU
Sample : PB108130BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108130BL

Quant Time: Apr 11 11:56:26 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



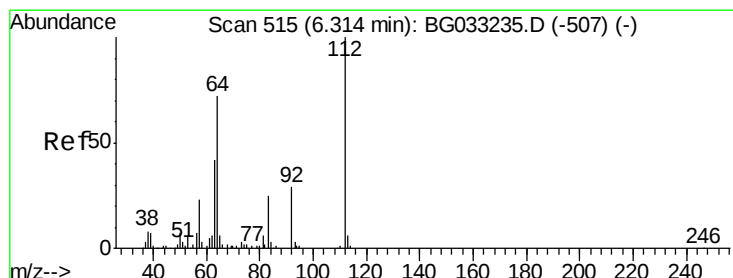
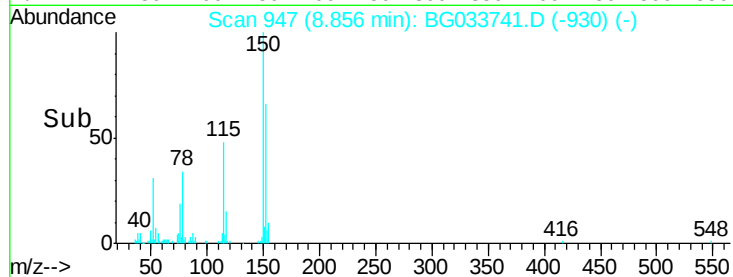
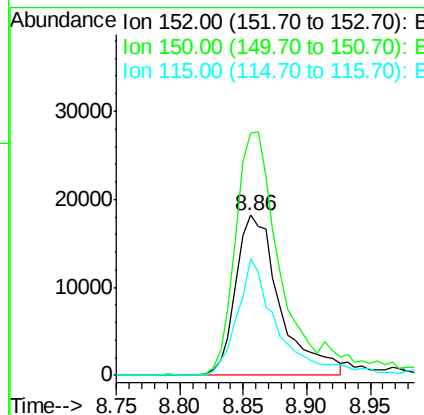
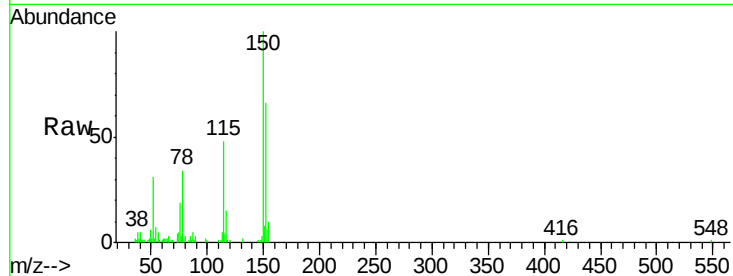


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033741.D
Acq: 11 Apr 2018 10:02

Instrument :
BNA_G
ClientSampleId :
PB108130BL

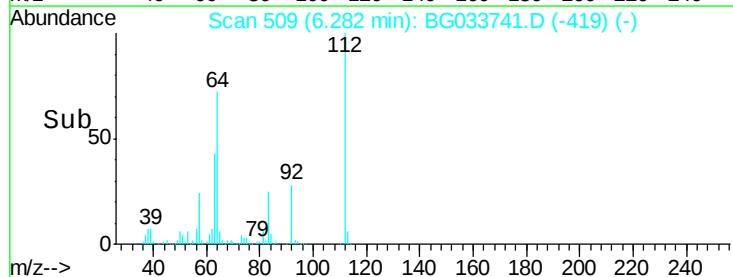
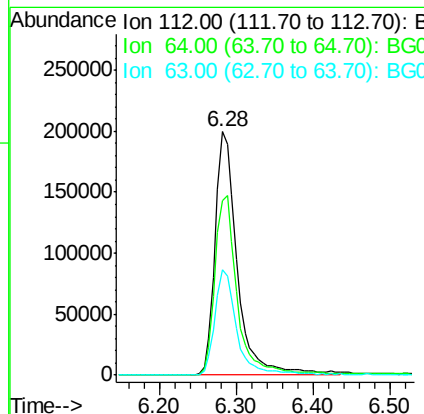
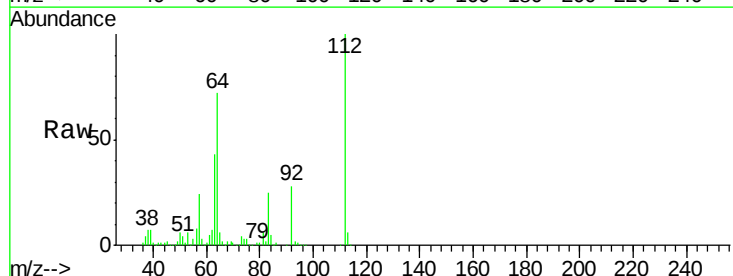
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.6	189.8
115	73.3	53.0	79.4

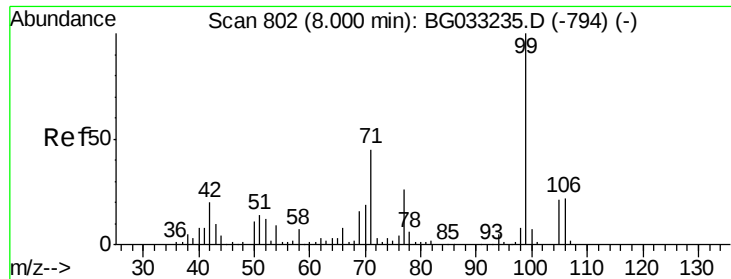


#5

2-Fluorophenol
Concen: 168.935 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033741.D
Acq: 11 Apr 2018 10:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	56.3	84.5
63	43.3	30.1	45.1





#7

Phenol-d6

Concen: 136.684 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033741.D

Acq: 11 Apr 2018 10:02

Instrument :

BNA_G

ClientSampleId :

PB108130BL

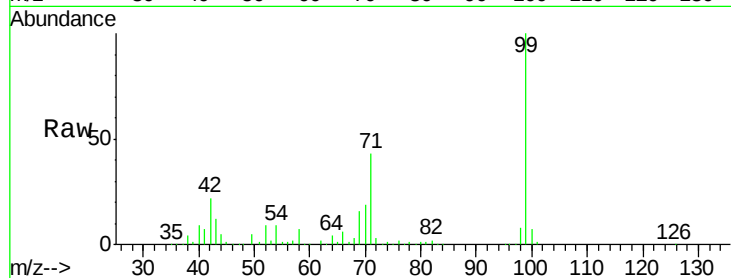
Tgt Ion: 99 Resp: 553952

Ion Ratio Lower Upper

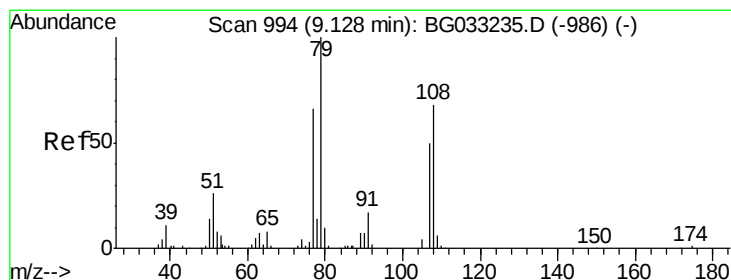
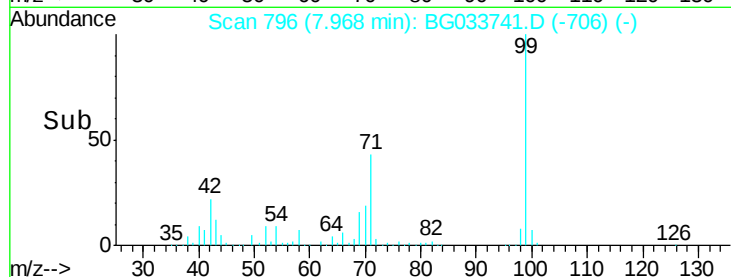
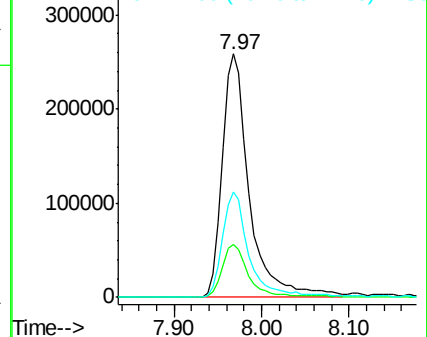
99 100

42 21.6 14.1 21.1#

71 43.2 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: 2.188 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.10 min

Lab File: BG033741.D

Acq: 11 Apr 2018 10:02

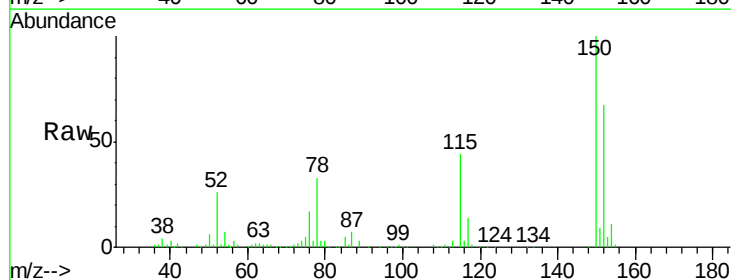
Tgt Ion: 79 Resp: 6983

Ion Ratio Lower Upper

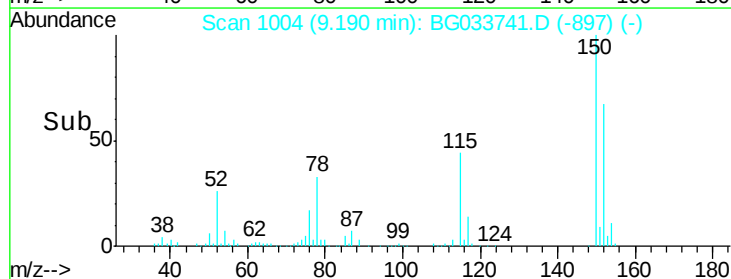
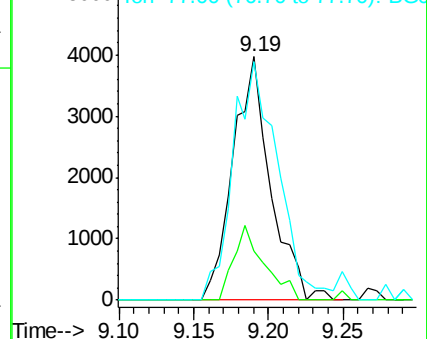
79 100

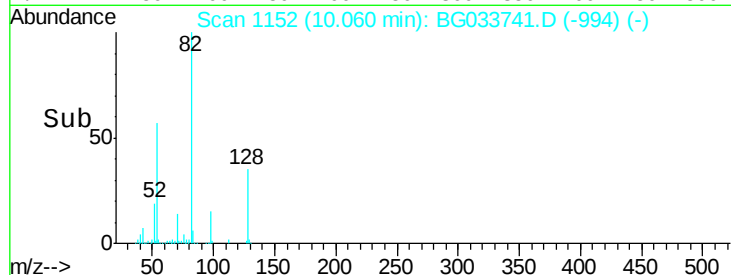
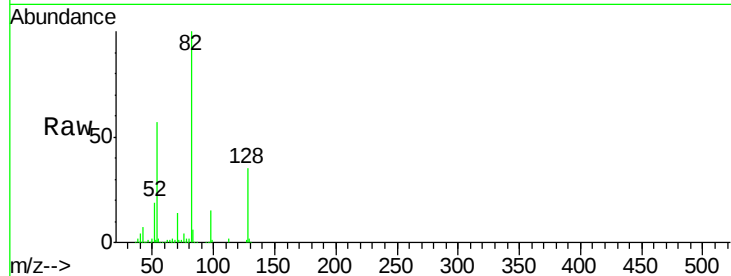
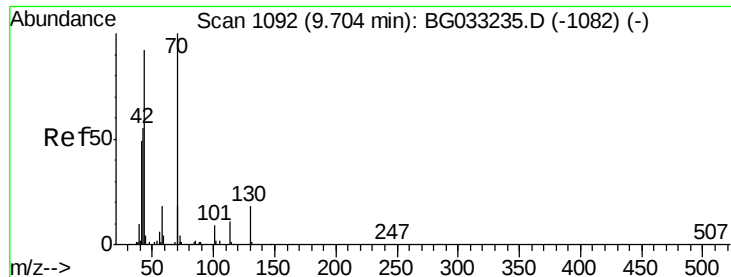
108 20.1 57.2 85.8#

77 98.2 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

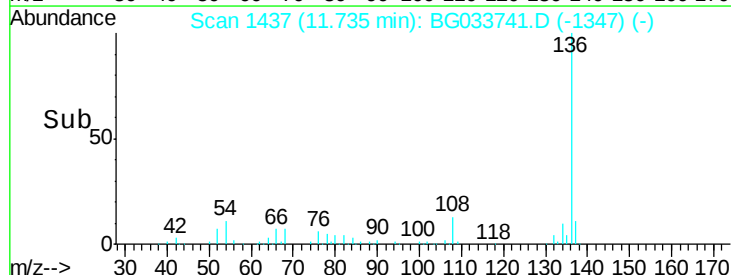
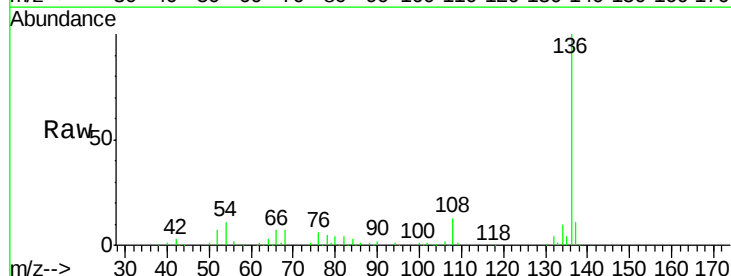
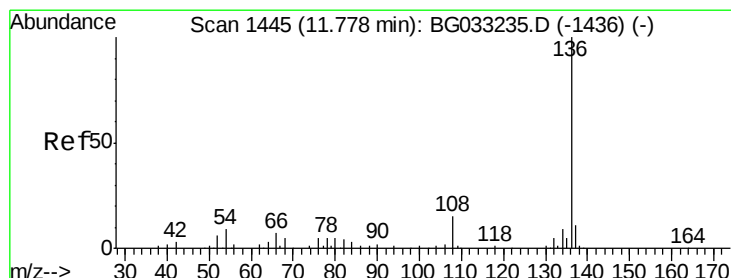
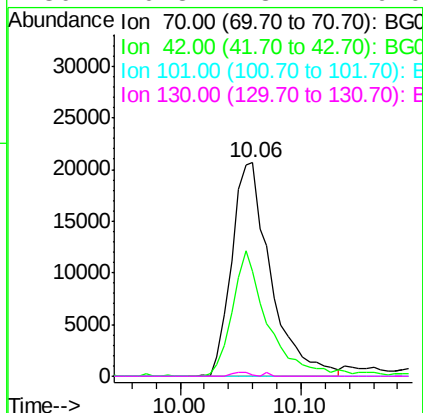




#19
n-Nitroso-di-n-propylamine
Concen: 15.589 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033741.D
Acq: 11 Apr 2018 10:02

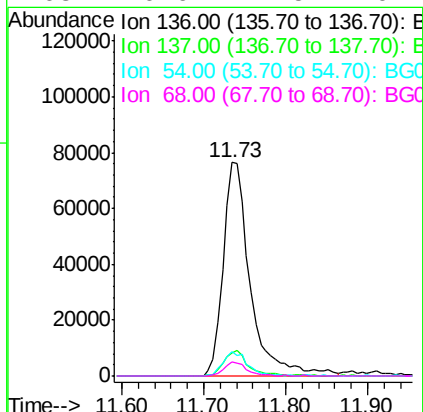
Instrument :
BNA_G
ClientSampleId :
PB108130BL

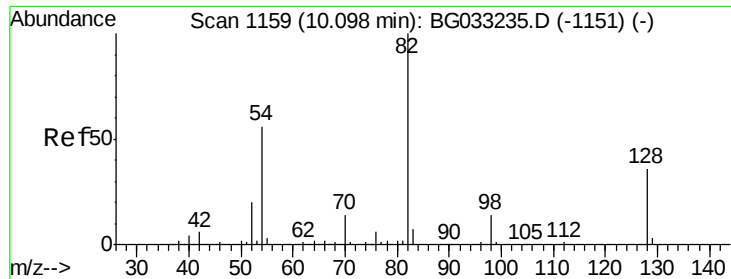
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.9	49.1	73.7#
101	0.0	8.5	12.7#
130	0.8	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG033741.D
Acq: 11 Apr 2018 10:02

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	11.3	10.3	15.5
68	6.6	4.5	6.7





#23

Nitrobenzene-d5

Concen: 93.703 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BG033741.D

Acq: 11 Apr 2018 10:02

Instrument :

BNA_G

ClientSampleId :

PB108130BL

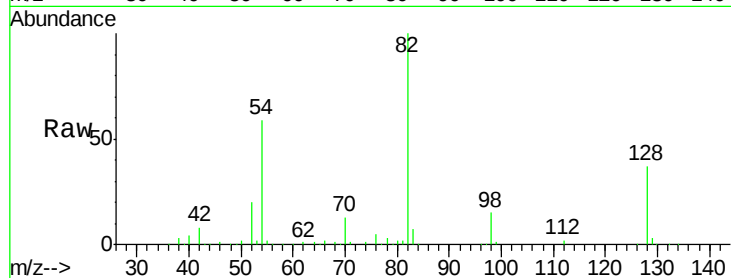
Tgt Ion: 82 Resp: 359088

Ion Ratio Lower Upper

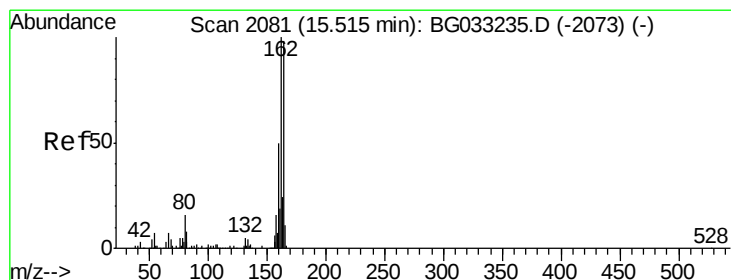
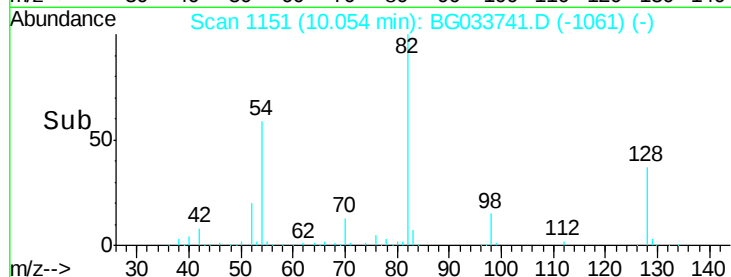
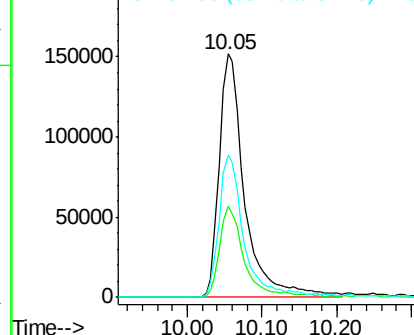
82 100

128 37.2 29.7 44.5

54 58.6 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG033741.D

Acq: 11 Apr 2018 10:02

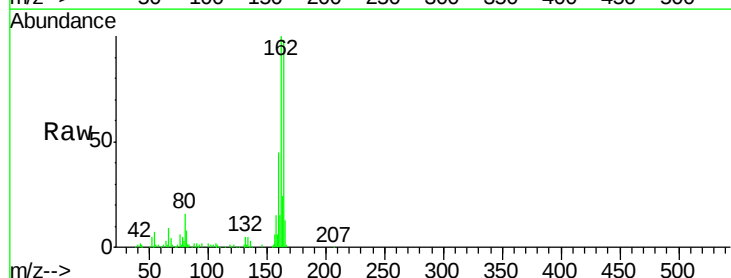
Tgt Ion: 164 Resp: 120981

Ion Ratio Lower Upper

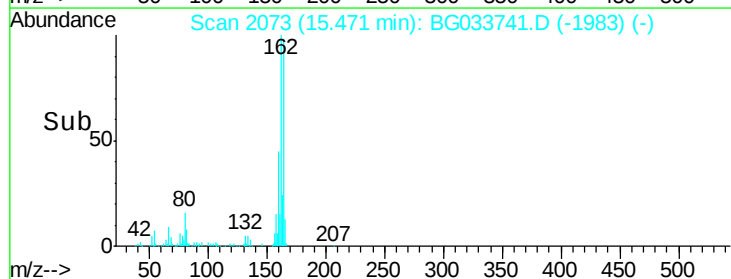
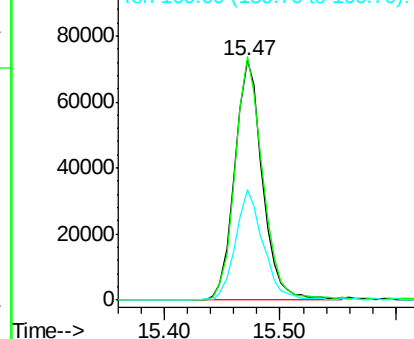
164 100

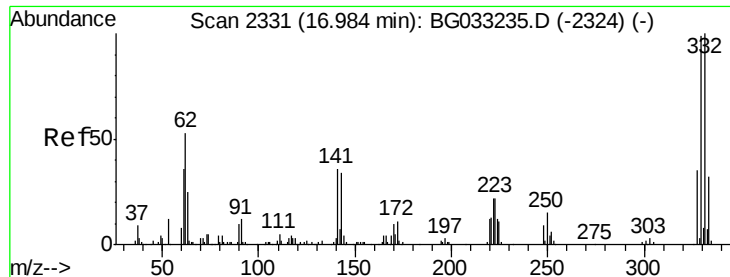
162 101.6 78.8 118.2

160 45.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

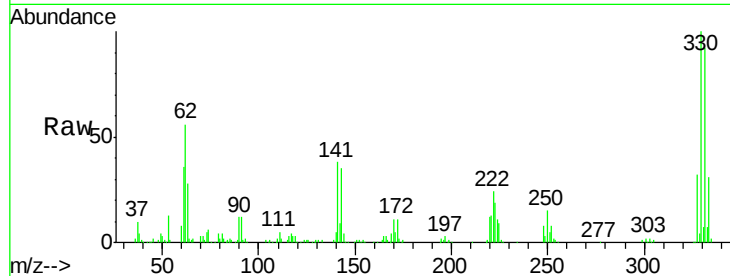




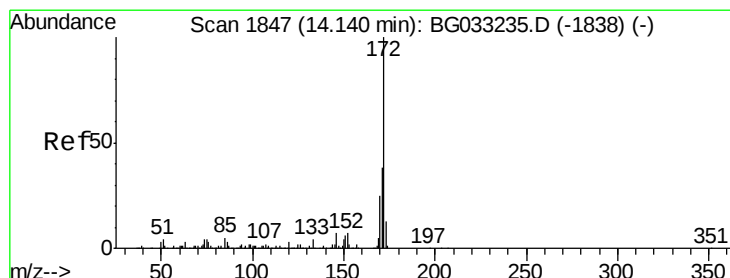
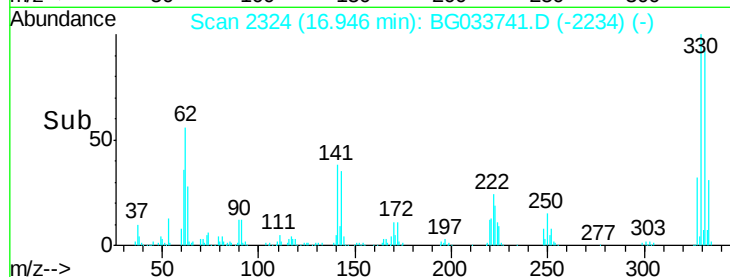
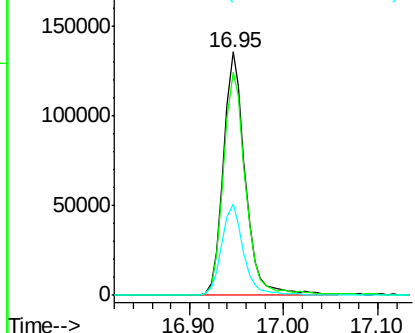
#41
 2,4,6-Tribromophenol
 Concen: 122.278 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033741.D
 Acq: 11 Apr 2018 10:02

Instrument :
 BNA_G
 ClientSampleId :
 PB108130BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	37.5	25.2	37.8

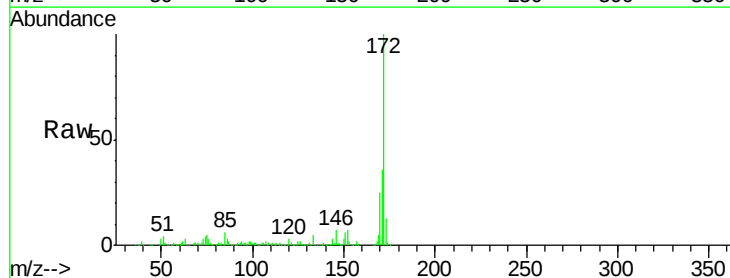


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

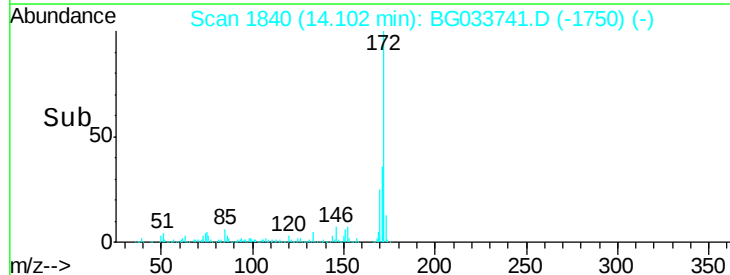
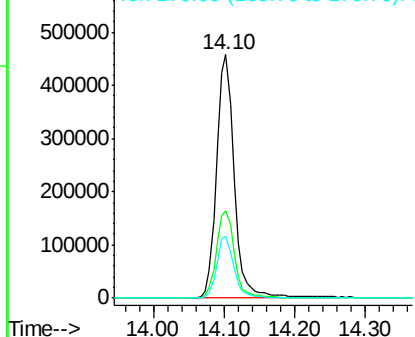


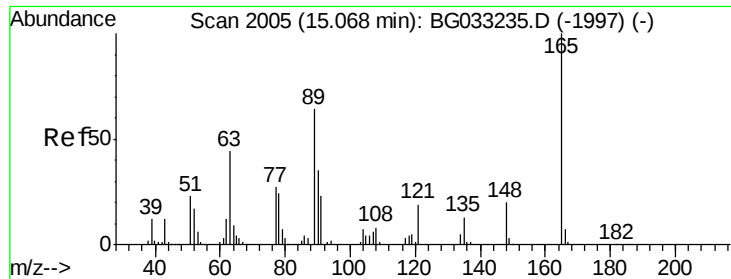
#44
 2-Fluorobiphenyl
 Concen: 95.702 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033741.D
 Acq: 11 Apr 2018 10:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	25.5	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

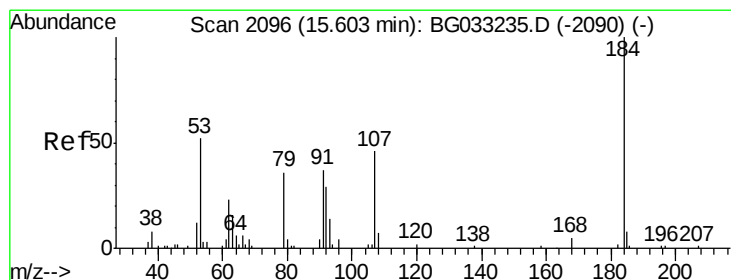
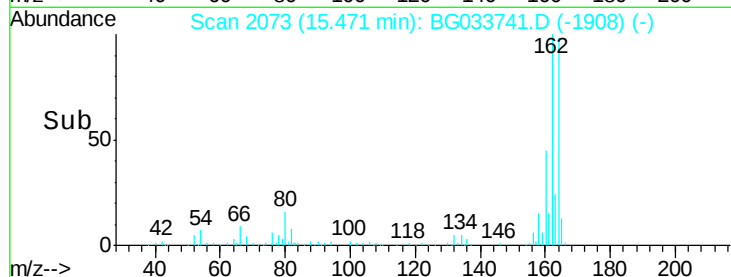
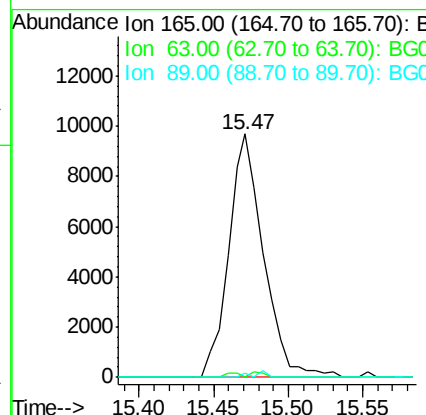
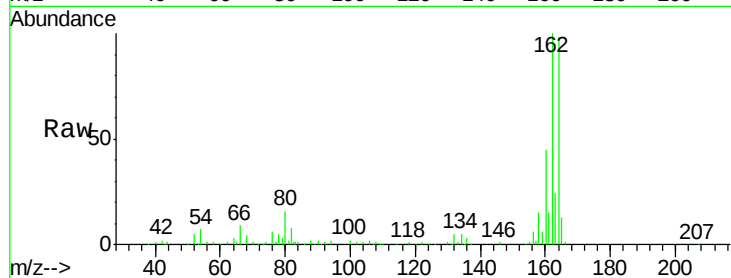




#50
 2,6-Dinitrotoluene
 Concen: 7.325 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.44 min
 Lab File: BG033741.D
 Acq: 11 Apr 2018 10:02

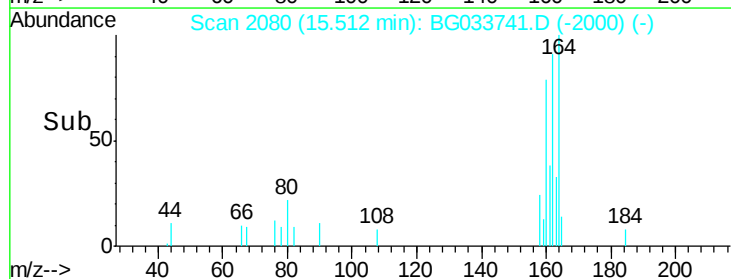
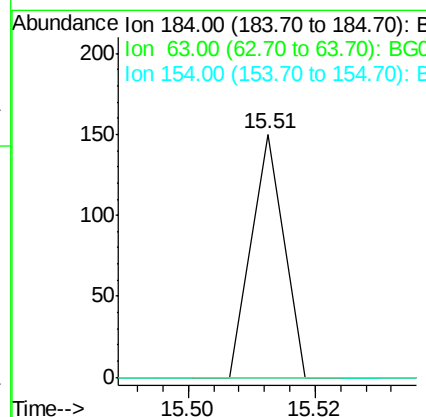
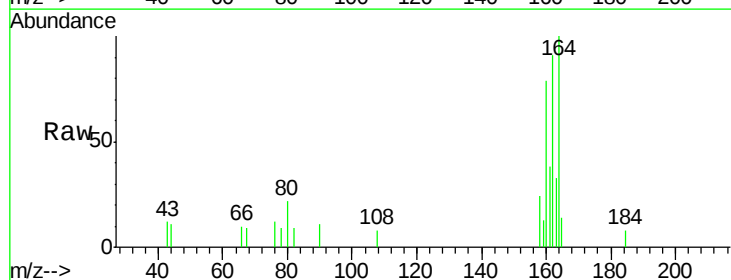
Instrument :
 BNA_G
 ClientSampleId :
 PB108130BL

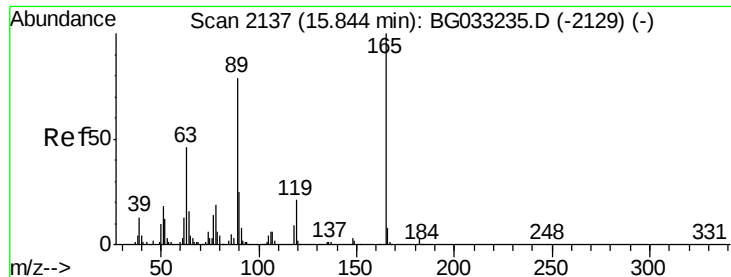
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.8	49.2	73.8#



#53
 2,4-Dinitrophenol
 Concen: 7.686 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.06 min
 Lab File: BG033741.D
 Acq: 11 Apr 2018 10:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

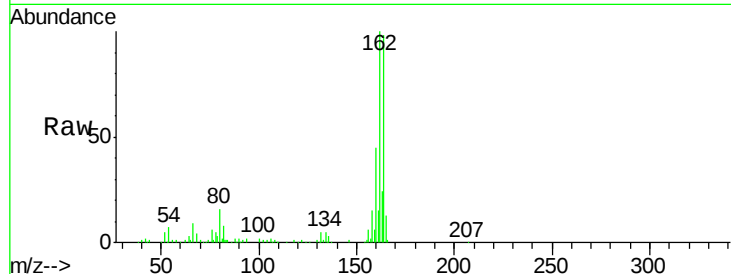




#56
 2,4-Dinitrotoluene
 Concen: 4.975 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.34 min
 Lab File: BG033741.D
 Acq: 11 Apr 2018 10:02

Instrument :
 BNA_G
 ClientSampleId :
 PB108130BL

Tgt 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#

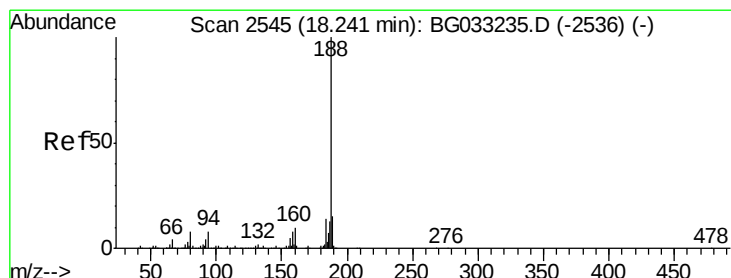
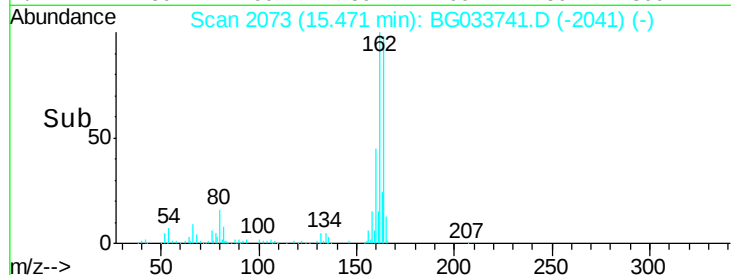
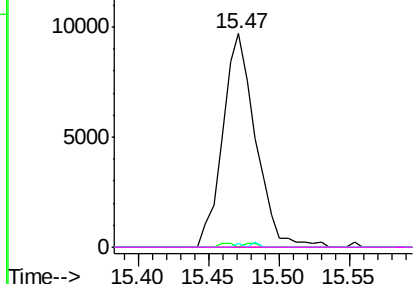


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

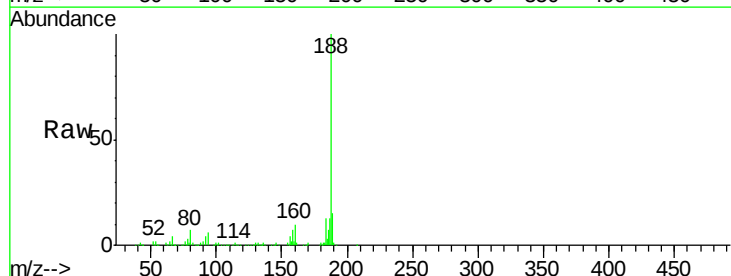
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BG033741.D
 Acq: 11 Apr 2018 10:02

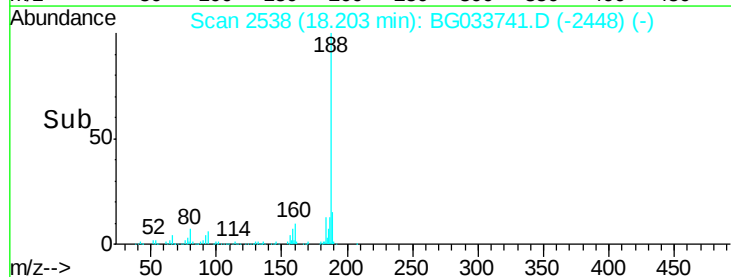
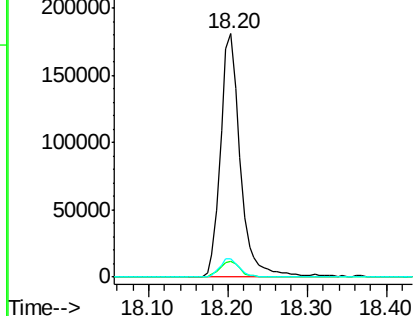
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.5	7.7	11.5#

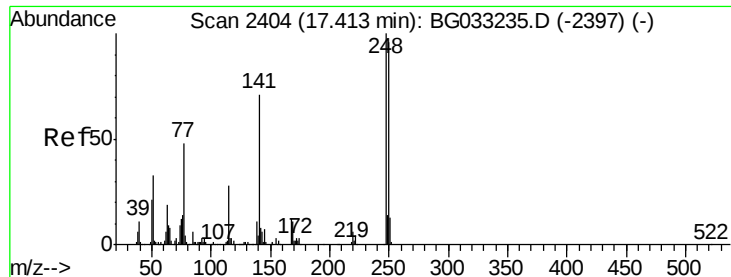


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

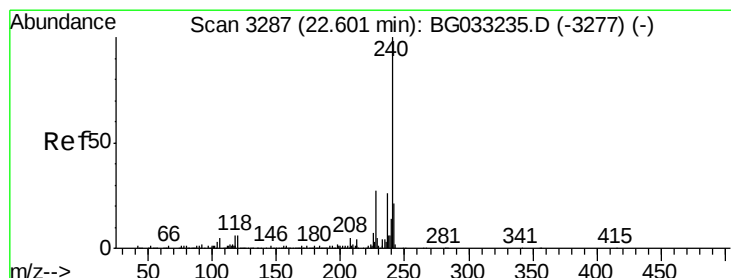
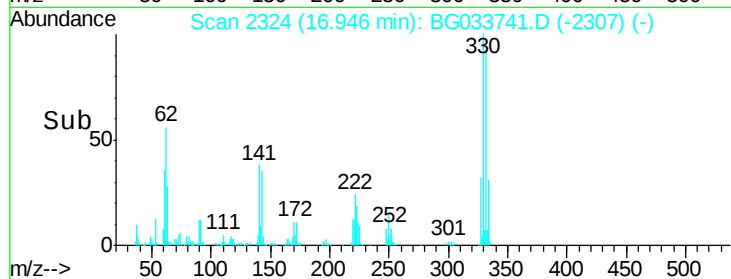
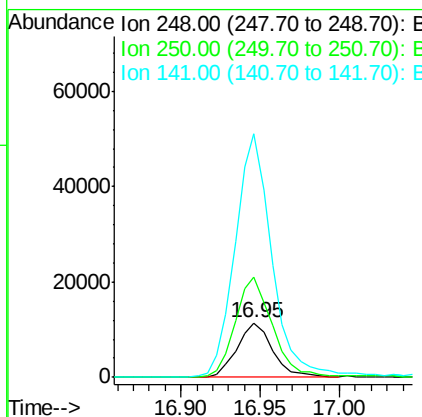
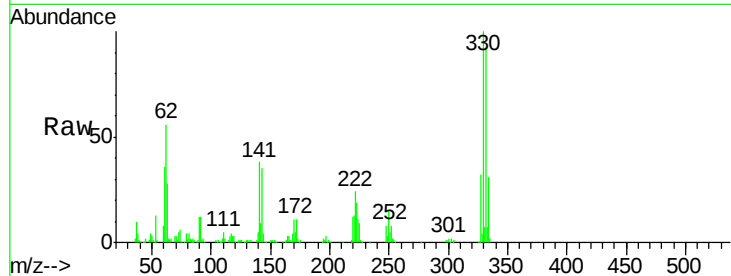




#66
 4-Bromophenyl-phenylether
 Concen: 4.814 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.43 min
 Lab File: BG033741.D
 Acq: 11 Apr 2018 10:02

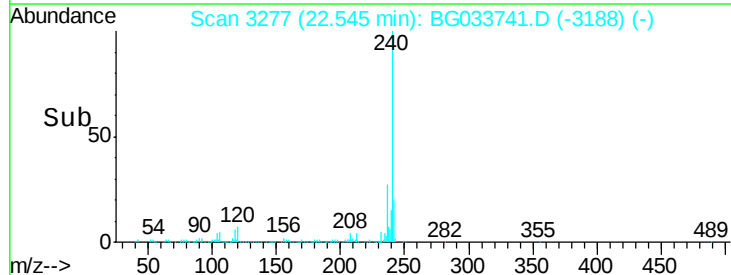
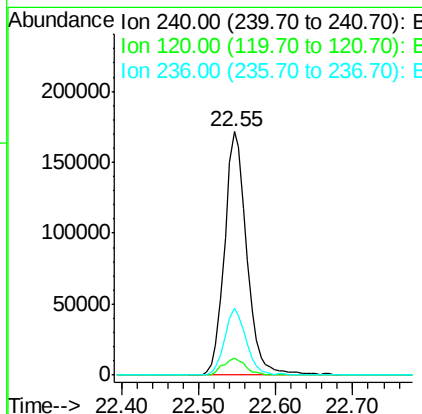
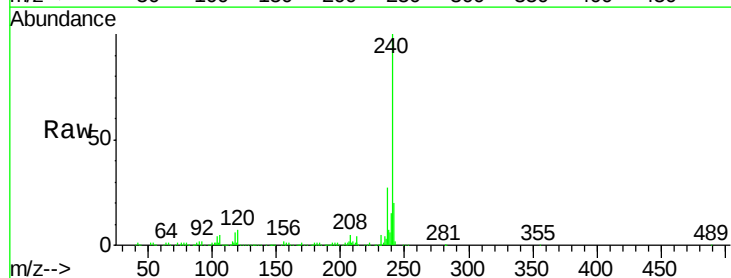
Instrument :
 BNA_G
 ClientSampleId :
 PB108130BL

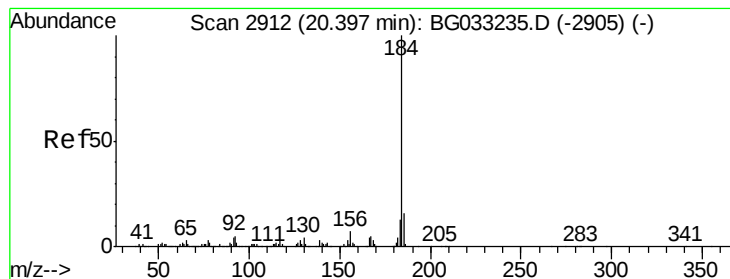
Tgt Ion:248 Resp: 17761
 Ion Ratio Lower Upper
 248 100
 250 183.3 77.1 115.7#
 141 447.1 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3277
 Delta R.T. -0.01 min
 Lab File: BG033741.D
 Acq: 11 Apr 2018 10:02

Tgt Ion:240 Resp: 345110
 Ion Ratio Lower Upper
 240 100
 120 6.8 6.8 10.2
 236 27.4 20.9 31.3





#76

Benzidine

Concen: 2.735 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033741.D

Acq: 11 Apr 2018 10:02

Instrument :

BNA_G

ClientSampleId :

PB108130BL

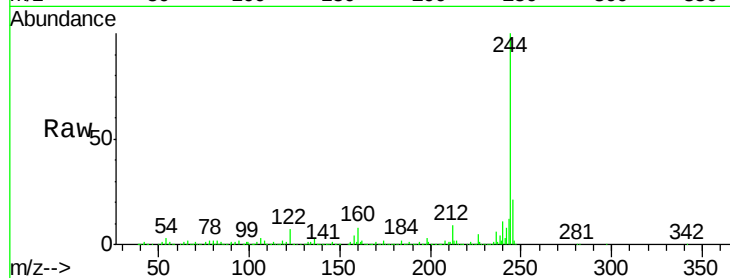
Tgt Ion:184 Resp: 25597

Ion Ratio Lower Upper

184 100

185 18.1 11.1 16.7#

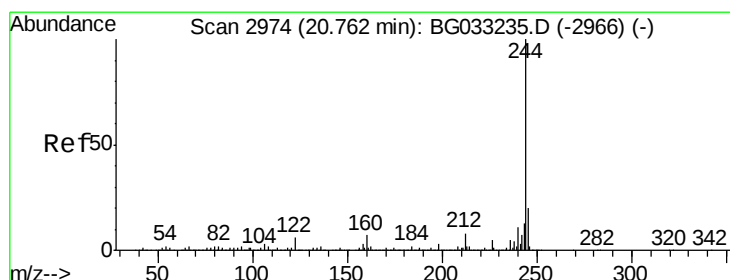
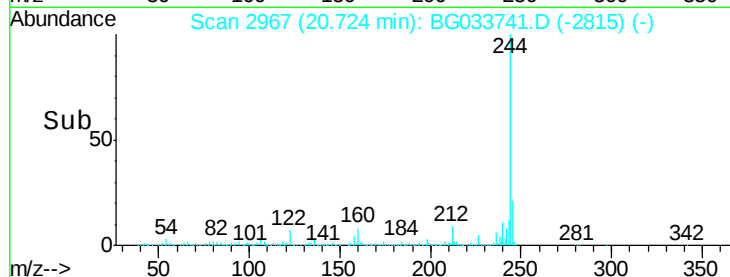
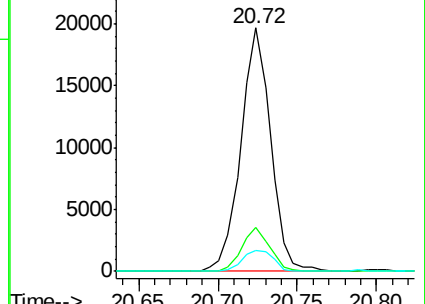
183 8.6 10.6 16.0#



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: 92.989 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033741.D

Acq: 11 Apr 2018 10:02

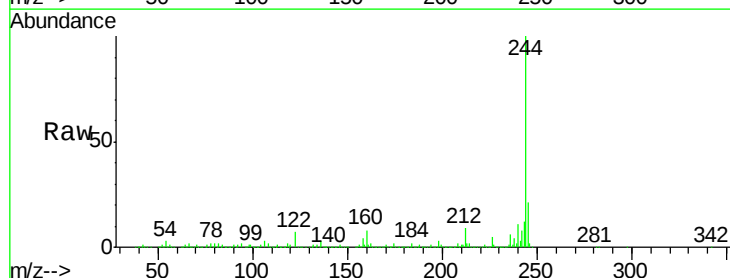
Tgt Ion:244 Resp: 1500576

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

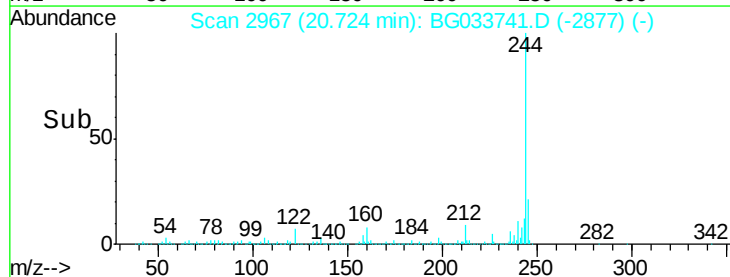
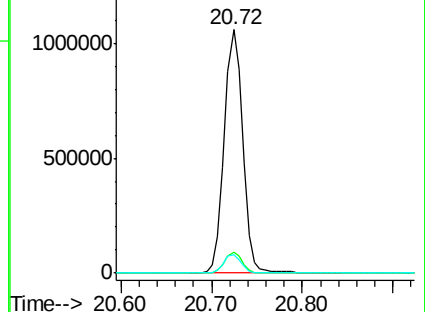
122 7.4 7.0 10.4

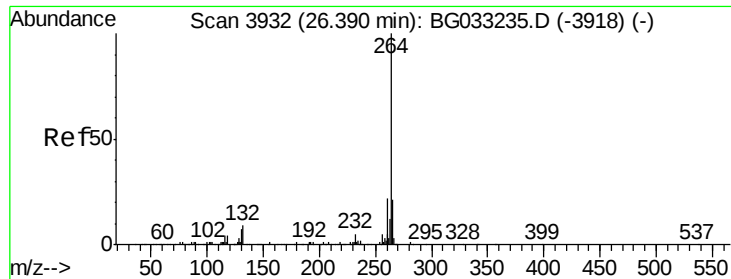


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

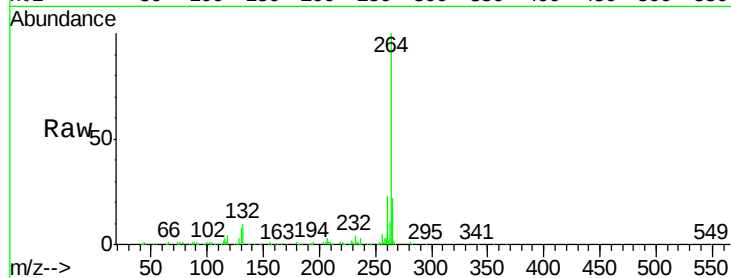




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.30 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BG033741.D
Acq: 11 Apr 2018 10:02

Instrument :
BNA_G
ClientSampleId :
PB108130BL

Tgt Ion: 264 Resp: 367962
Ion Ratio Lower Upper
264 100
260 23.5 17.4 26.0
265 22.0 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

