

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033606.D
 Acq On : 5 Apr 2018 23:34
 Operator : SJ/JU
 Sample : J2197-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 06 03:22:11 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

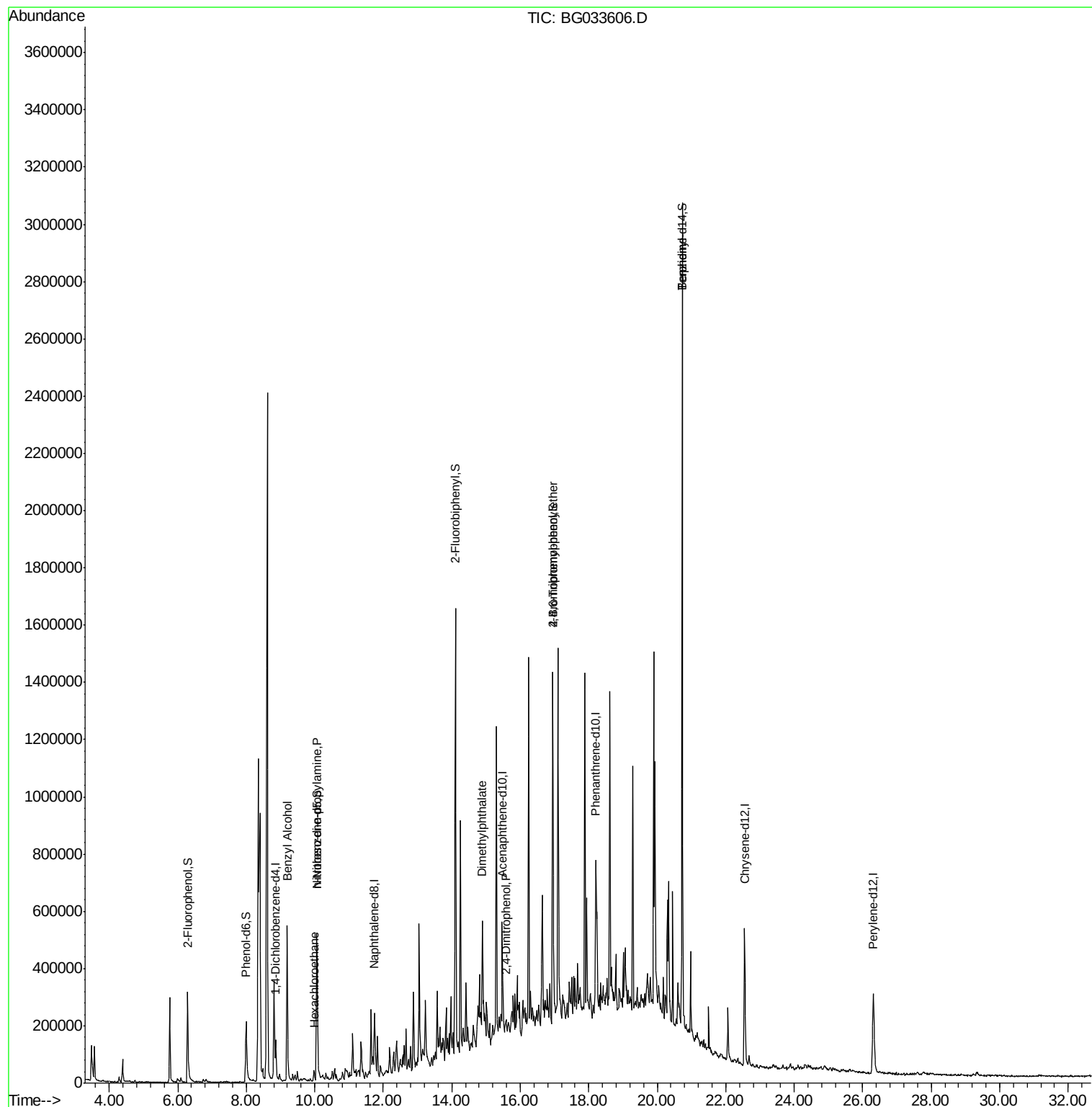
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	41071	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	184382	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	142998	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	339058	20.00	ng	0.00
75) Chrysene-d12	22.55	240	361597	20.00	ng	0.00
86) Perylene-d12	26.31	264	381008	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	168328	76.85	ng	0.00
7) Phenol-d6	7.99	99	172677	45.88	ng	0.02
23) Nitrobenzene-d5	10.06	82	360283	89.77	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	252347	117.99	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	850023	85.81	ng	0.00
78) Terphenyl-d14	20.73	244	1459102	86.30	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6131	2.069	ng	# 36
18) Hexachloroethane	9.99	117	4131	3.265	ng	# 1
19) n-Nitroso-di-n-propylamine	10.06	70	55719	20.205	ng	# 77
49) Dimethylphthalate	14.90	163	57756	4.641	ng	# 92
53) 2,4-Dinitrophenol	15.59	184	76	7.695	ng	# 1
66) 4-Bromophenyl-phenylether	16.95	248	19121	4.802	ng	# 1
76) Benzidine	20.73	184	25358	2.586	ng	97

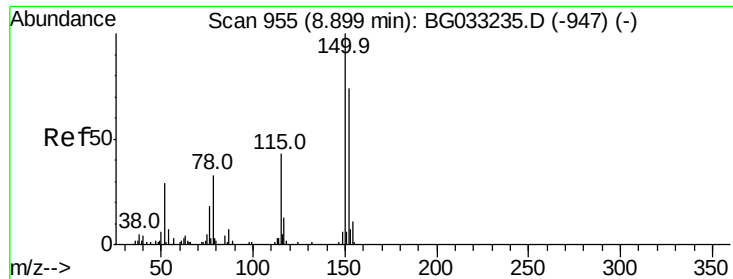
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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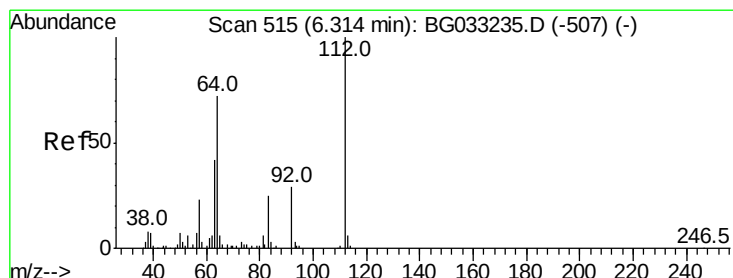
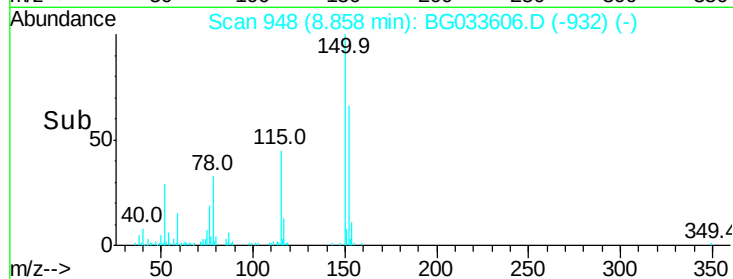
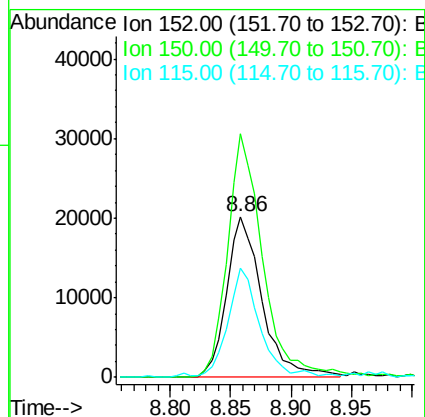
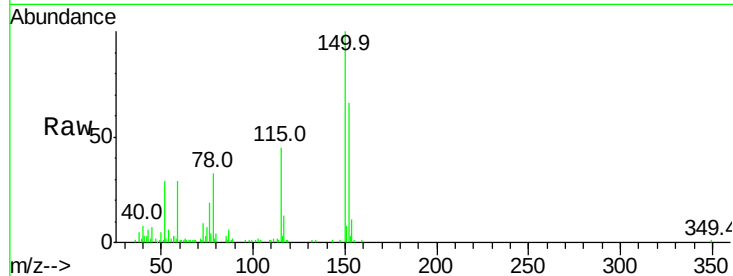


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033606.D
Acq: 5 Apr 2018 23:34

Instrument :
BNA_G
ClientSampleId :

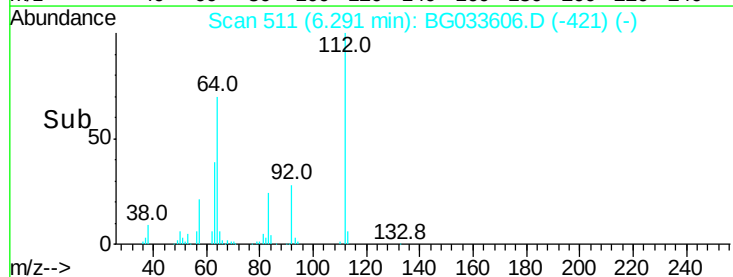
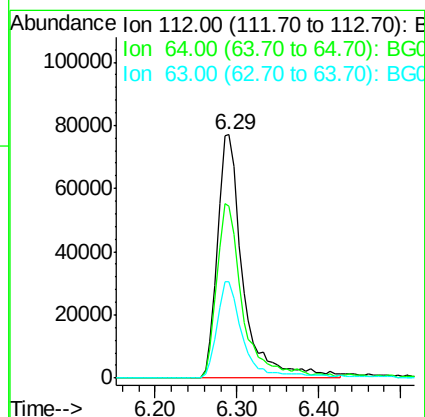
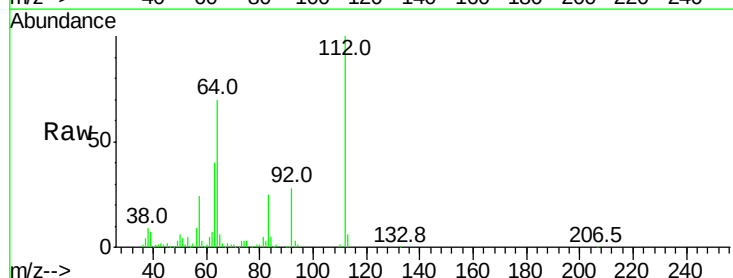
Tot Ion:152 Resp: 41071
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 68.3 53.0 79.4

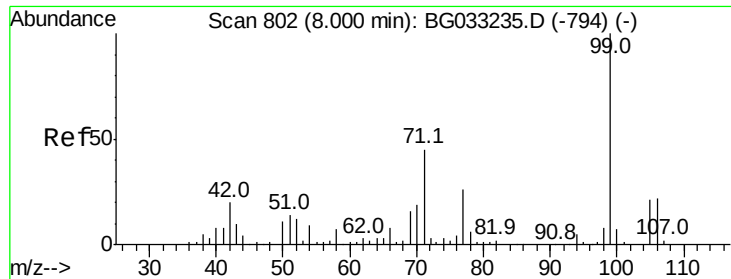


#5

2-Fluorophenol
Concen: 76.851 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033606.D
Acq: 5 Apr 2018 23:34

Tgt Ion:112 Resp: 168328
Ion Ratio Lower Upper
112 100
64 70.4 56.3 84.5
63 39.7 30.1 45.1





#7

Phenol-d6

Concen: 45.883 ng

RT: 7.99 min Scan# 801

Delta R.T. 0.02 min

Lab File: BG033606.D

Acq: 5 Apr 2018 23:34

Instrument :

BNA_G

ClientSampled :

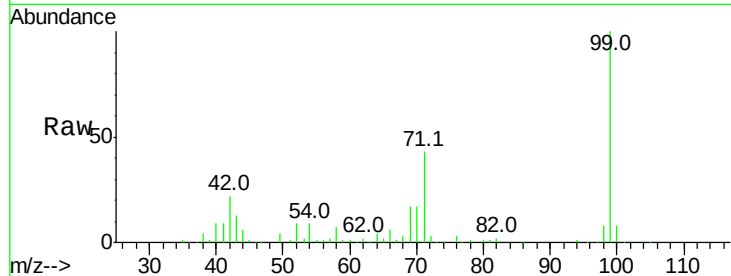
Tot Ion: 99 Resp: 172677

Ion Ratio Lower Upper

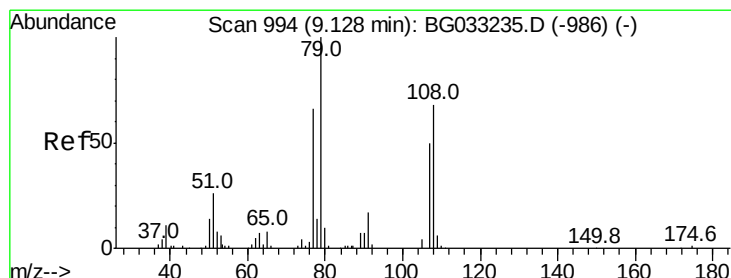
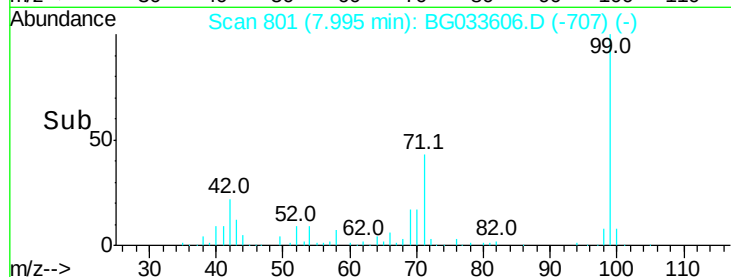
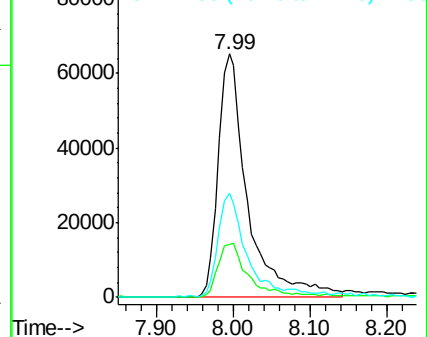
99 100

42 21.6 14.1 21.1#

71 42.7 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: 2.069 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033606.D

Acq: 5 Apr 2018 23:34

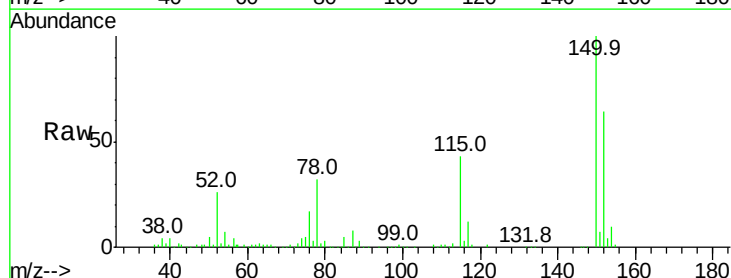
Tgt Ion: 79 Resp: 6131

Ion Ratio Lower Upper

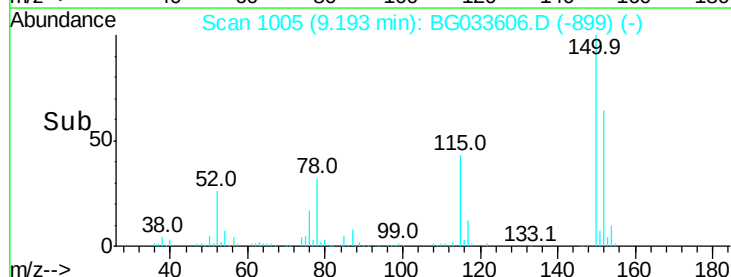
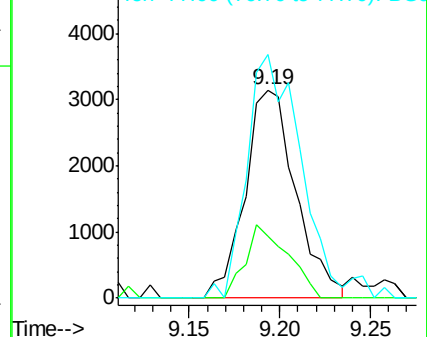
79 100

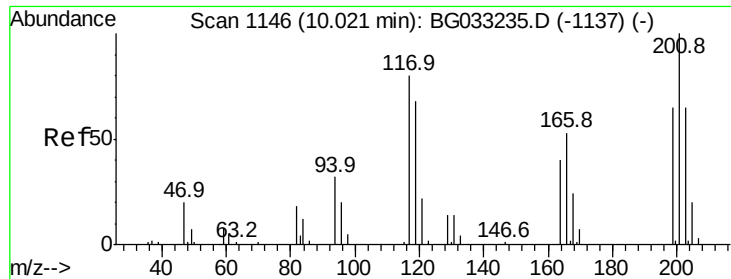
108 29.9 57.2 85.8#

77 117.1 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

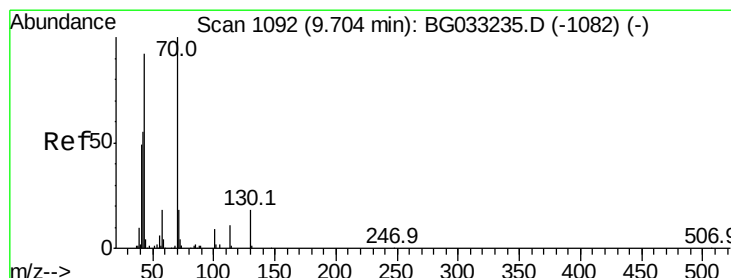
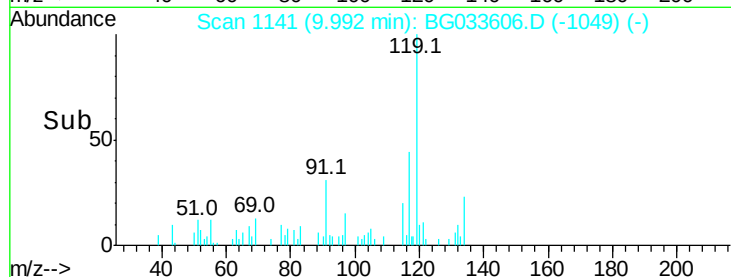
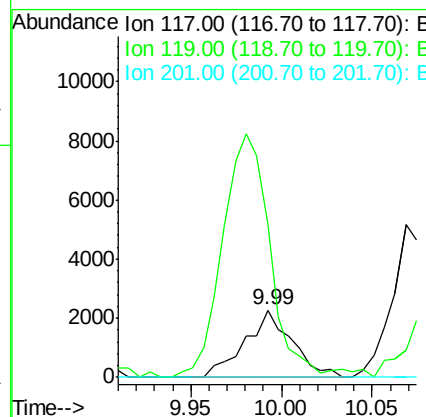
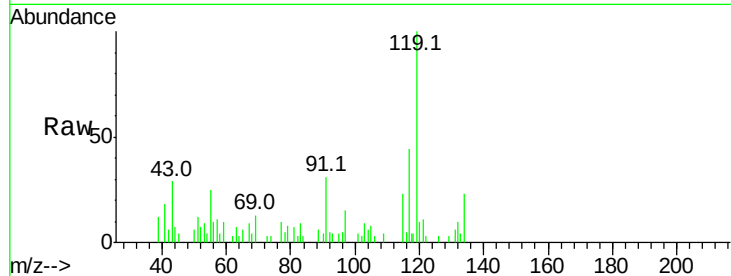




#18
Hexachloroethane
Concen: 3.265 ng
RT: 9.99 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BG033606.D
Acq: 5 Apr 2018 23:34

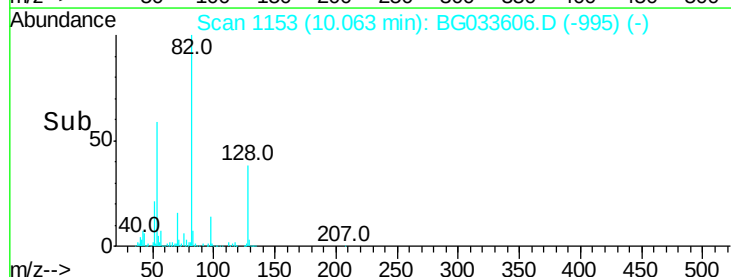
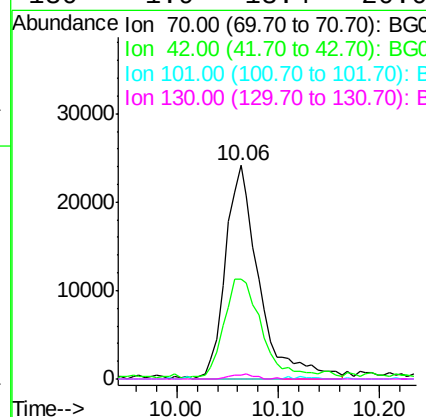
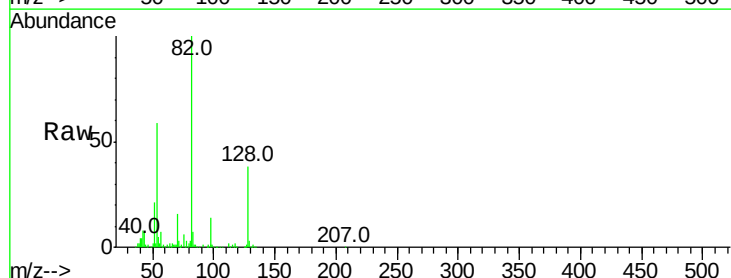
Instrument :
BNA_G
ClientSampled :

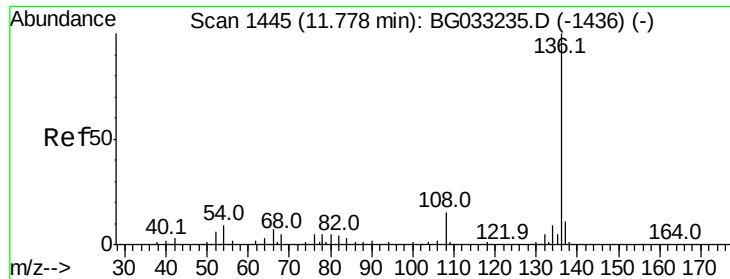
Tot Ion:117 Resp: 4131
Ion Ratio Lower Upper
117 100
119 226.2 76.7 115.1#
201 0.0 95.7 143.5#



#19
n-Nitroso-di-n-propylamine
Concen: 20.205 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033606.D
Acq: 5 Apr 2018 23:34

Tgt Ion: 70 Resp: 55719
Ion Ratio Lower Upper
70 100
42 46.9 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#

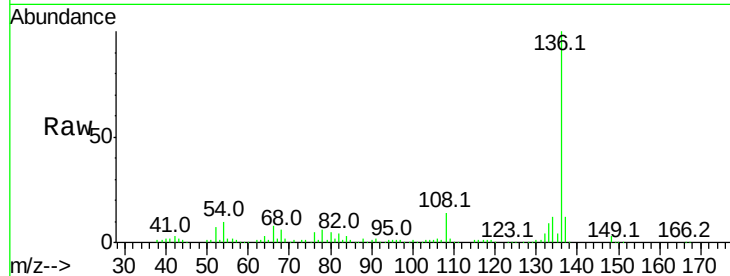




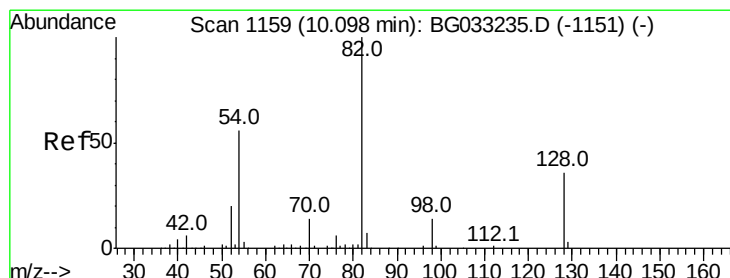
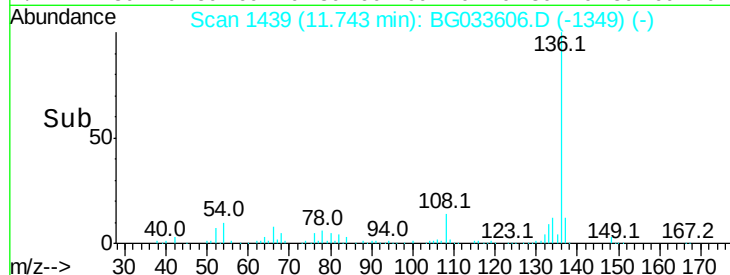
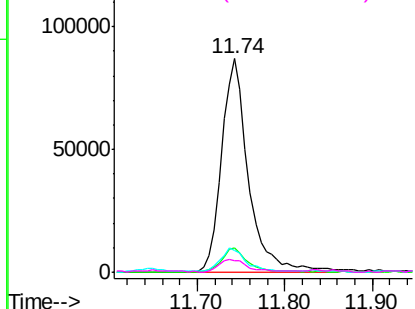
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033606.D
Acq: 5 Apr 2018 23:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	184382
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.2 13.8
54	10.2	10.3 15.5#
68	5.6	4.5 6.7

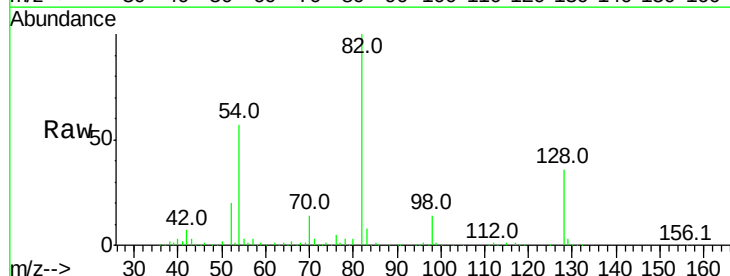


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

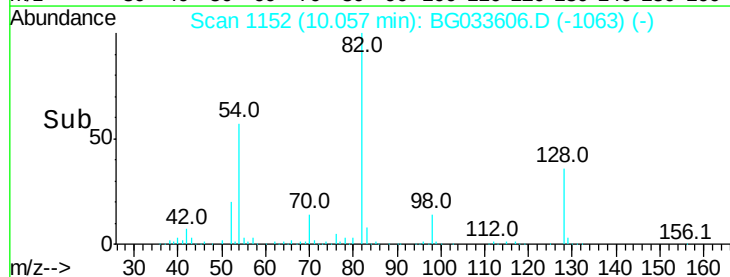
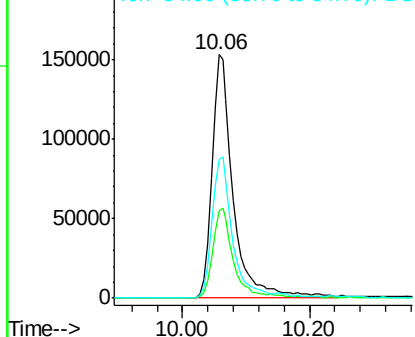


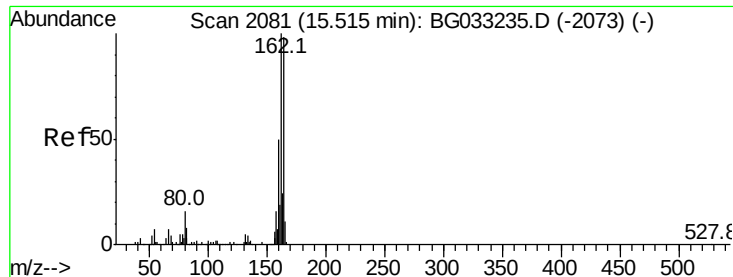
#23
Nitrobenzene-d5
Concen: 89.775 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG033606.D
Acq: 5 Apr 2018 23:34

Tgt Ion: 82	Resp:	360283
Ion	Ratio	Lower Upper
82	100	
128	35.7	29.7 44.5
54	57.0	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033606.D

Acq: 5 Apr 2018 23:34

Instrument :

BNA_G

ClientSampleId :

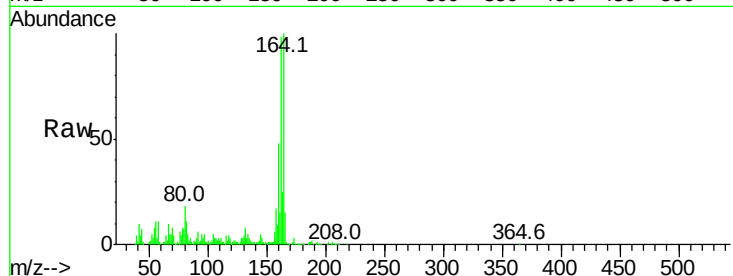
Tot Ion:164 Resp: 142998

Ion Ratio Lower Upper

164 100

162 97.8 78.8 118.2

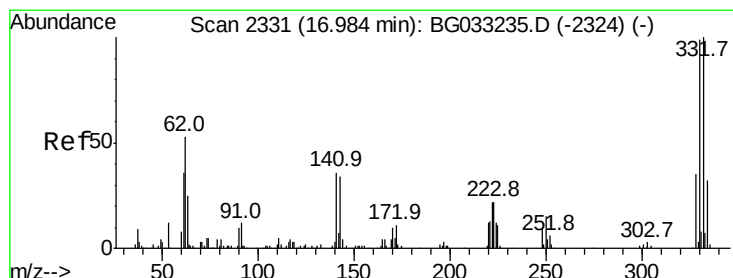
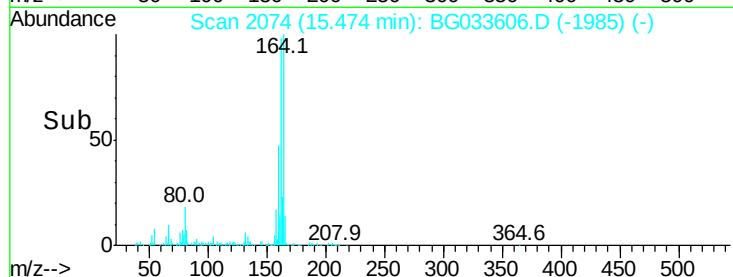
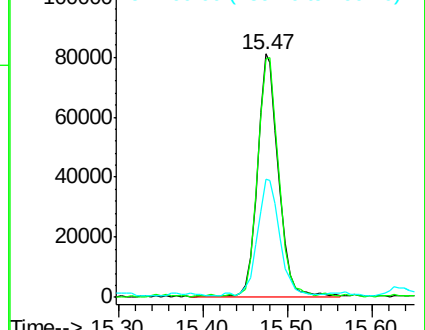
160 48.3 35.4 53.0



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: 117.991 ng

RT: 16.95 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BG033606.D

Acq: 5 Apr 2018 23:34

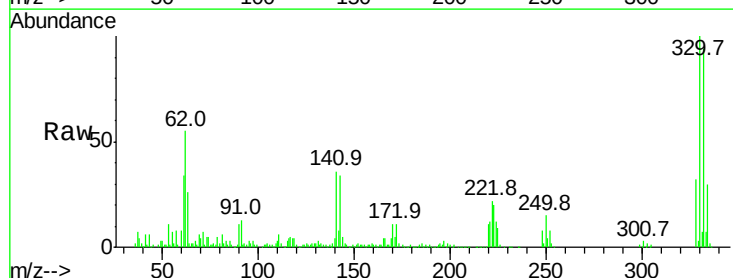
Tgt Ion:330 Resp: 252347

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

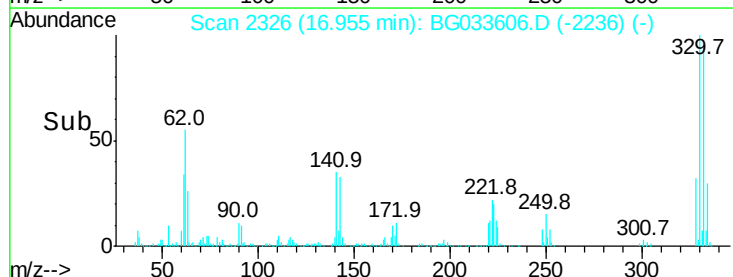
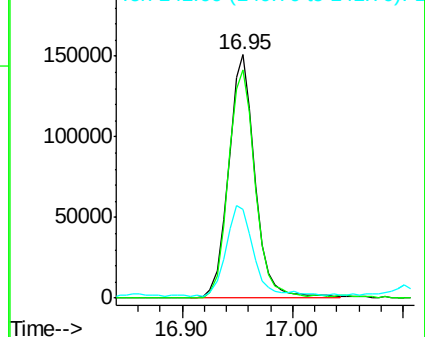
141 37.2 25.2 37.8

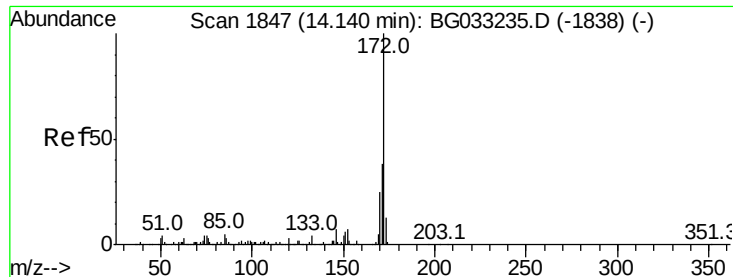


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

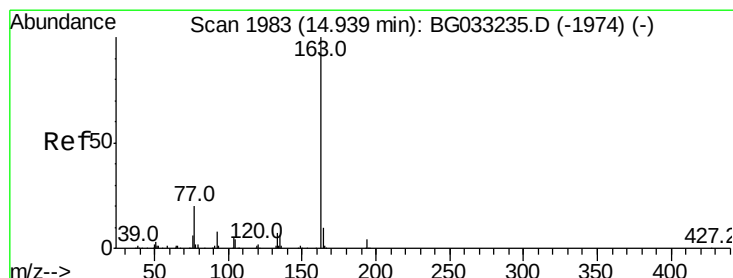
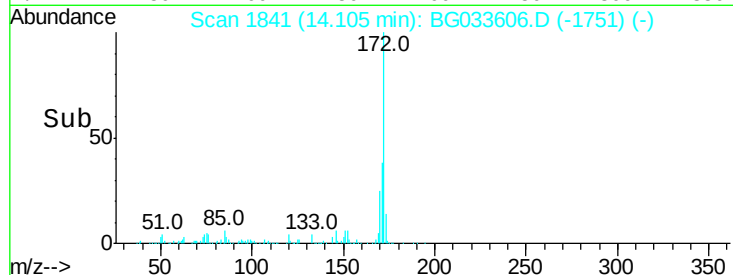
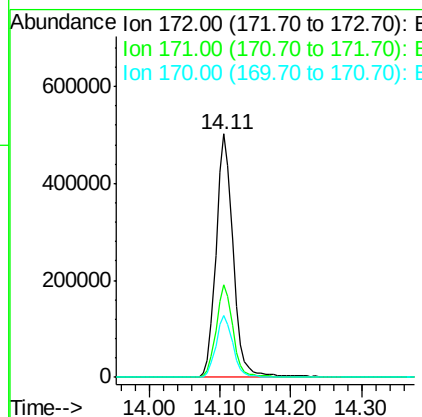
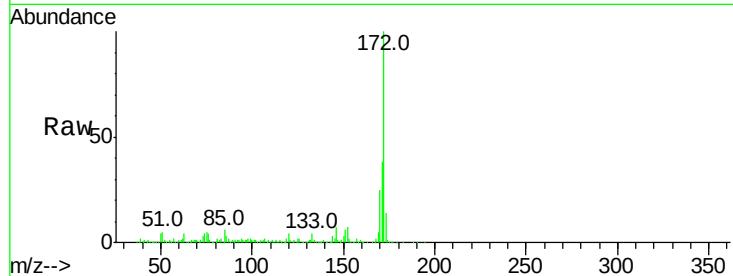




#44
2-Fluorobiphenyl
Concen: 85.814 ng
RT: 14.11 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG033606.D
Acq: 5 Apr 2018 23:34

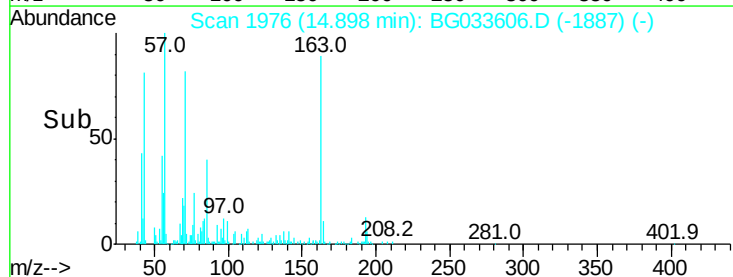
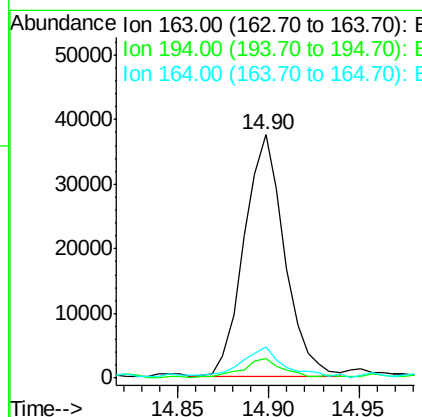
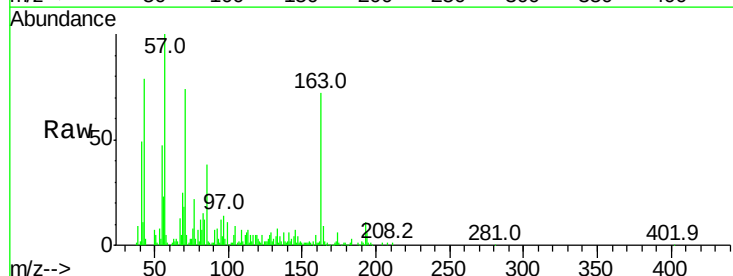
Instrument :
BNA_G
ClientSampleId :

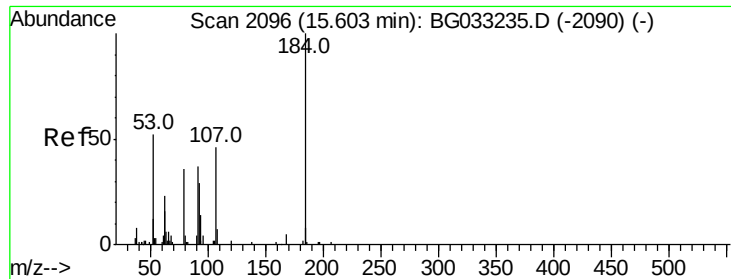
Tot Ion:172 Resp: 850023
Ion Ratio Lower Upper
172 100
171 38.2 30.0 45.0
170 25.3 19.5 29.3



#49
Dimethylphthalate
Concen: 4.641 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033606.D
Acq: 5 Apr 2018 23:34

Tgt Ion:163 Resp: 57756
Ion Ratio Lower Upper
163 100
194 8.3 3.4 5.2#
164 12.8 8.2 12.4#

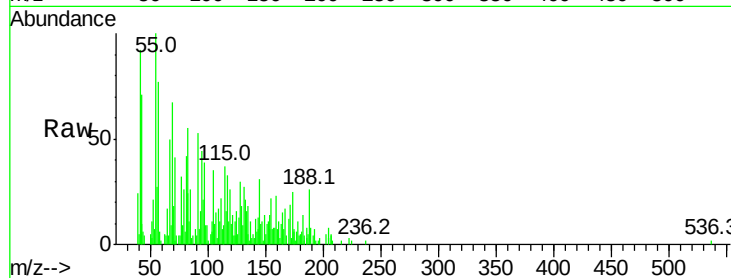




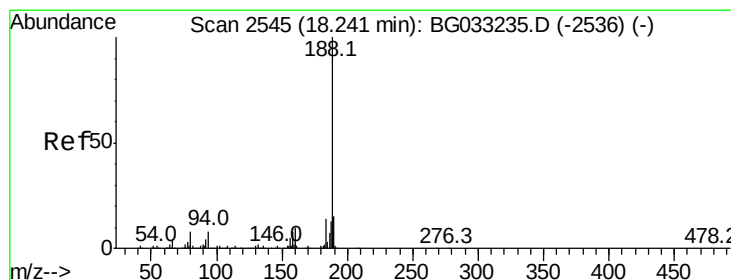
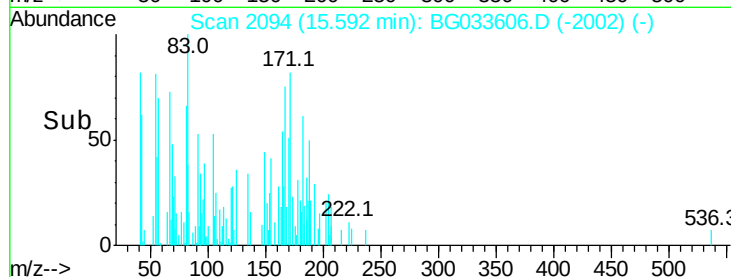
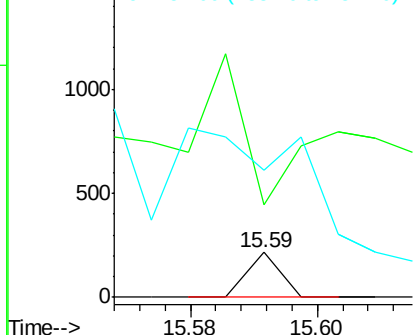
#53
 2,4-Dinitrophenol
 Concen: 7.695 ng
 RT: 15.59 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: BG033606.D
 Acq: 5 Apr 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 76
 Ion Ratio Lower Upper
 184 100
 63 206.0 59.8 89.8#
 154 283.8 101.8 152.8#

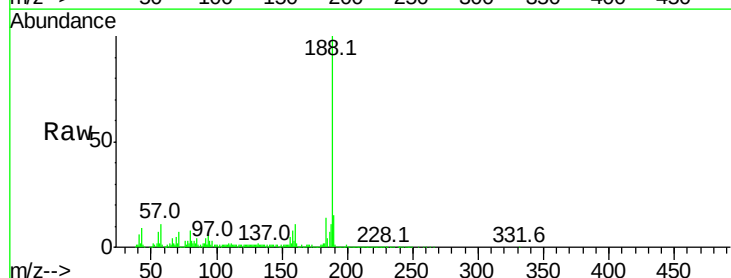


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

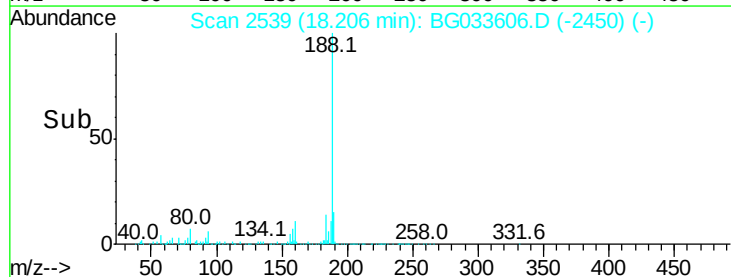
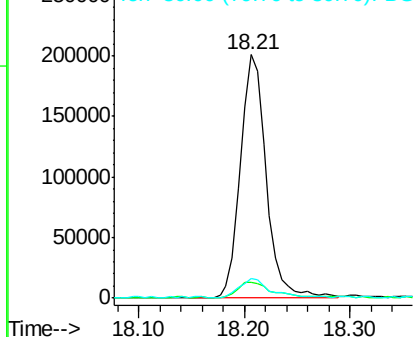


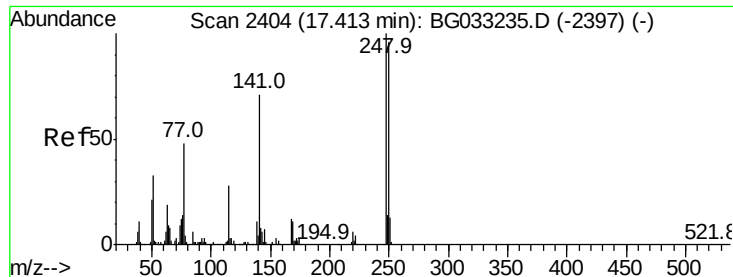
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033606.D
 Acq: 5 Apr 2018 23:34

Tgt Ion:188 Resp: 339058
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 8.3 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

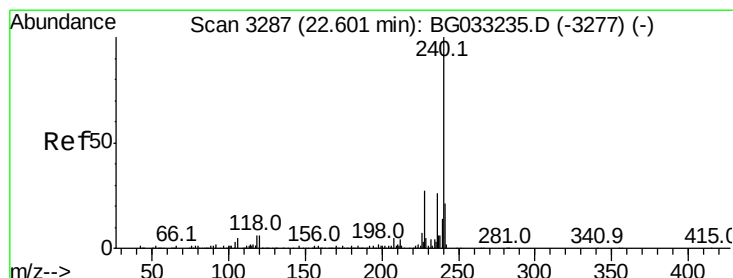
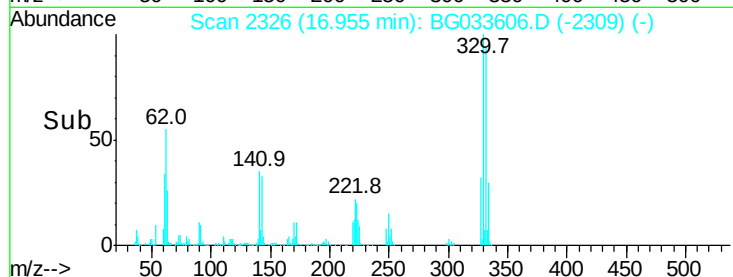
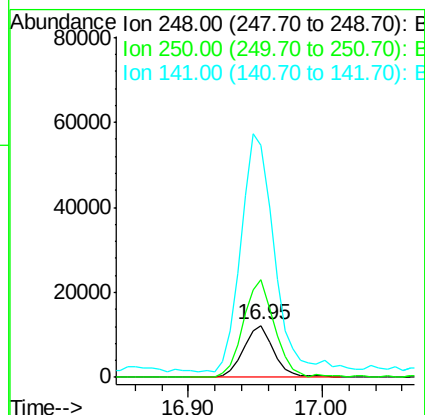
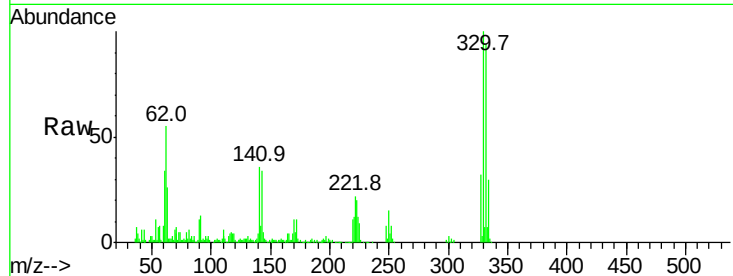




#66
4-Bromophenyl-phenylether
Concen: 4.802 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033606.D
Acq: 5 Apr 2018 23:34

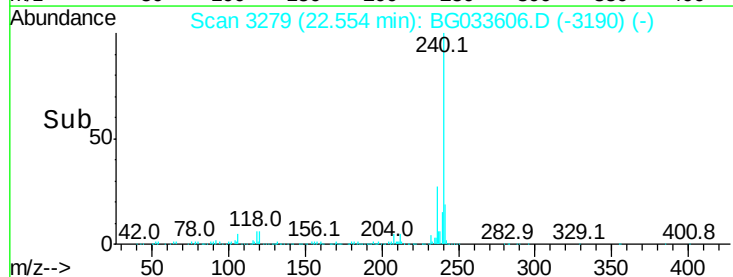
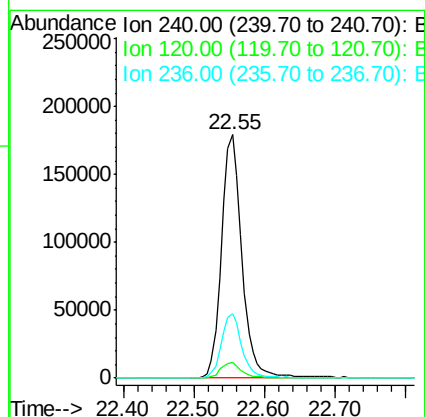
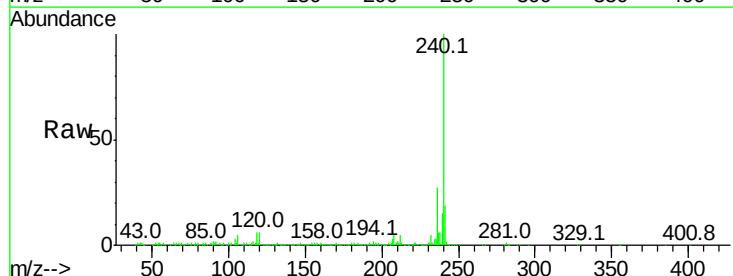
Instrument :
BNA_G
ClientSampleId :

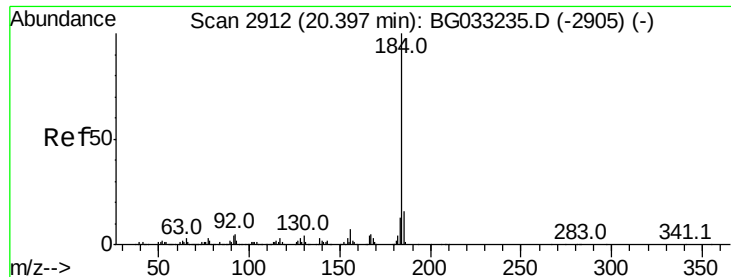
Tot Ion:248 Resp: 19121
Ion Ratio Lower Upper
248 100
250 190.3 77.1 115.7#
141 449.9 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033606.D
Acq: 5 Apr 2018 23:34

Tgt Ion:240 Resp: 361597
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 26.7 20.9 31.3





#76

Benzidine

Concen: 2.586 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033606.D

Acq: 5 Apr 2018 23:34

Instrument :

BNA_G

ClientSampled :

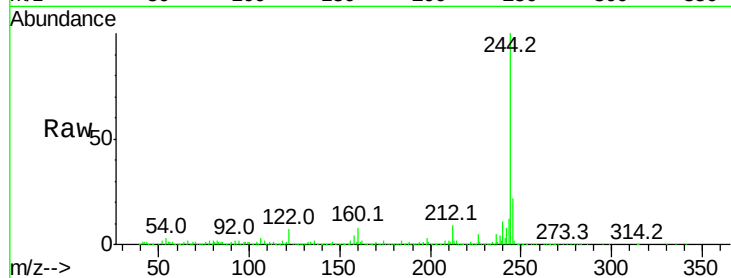
Tot Ion:184 Resp: 25358

Ion Ratio Lower Upper

184 100

185 13.1 11.1 16.7

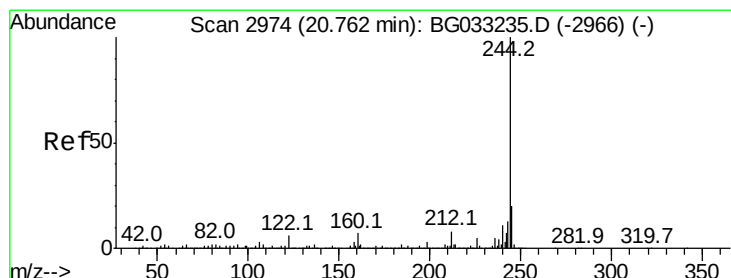
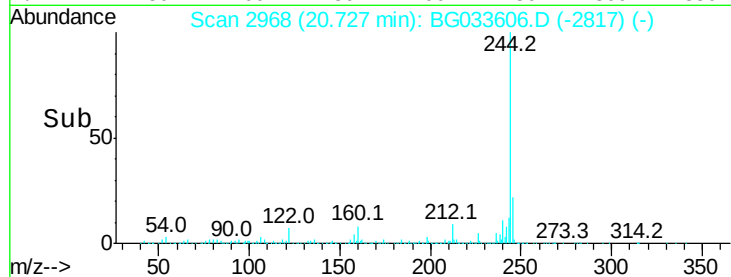
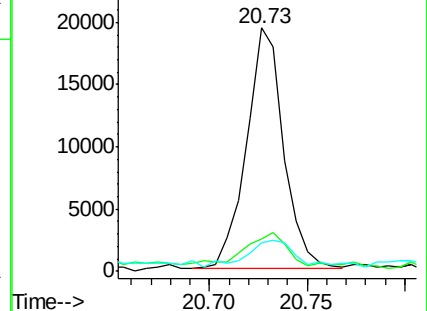
183 11.5 10.6 16.0



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: 86.296 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033606.D

Acq: 5 Apr 2018 23:34

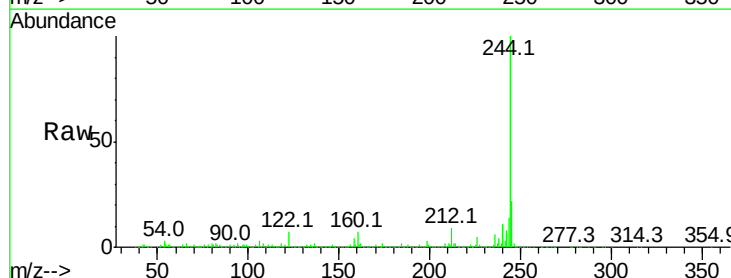
Tgt Ion:244 Resp: 1459102

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

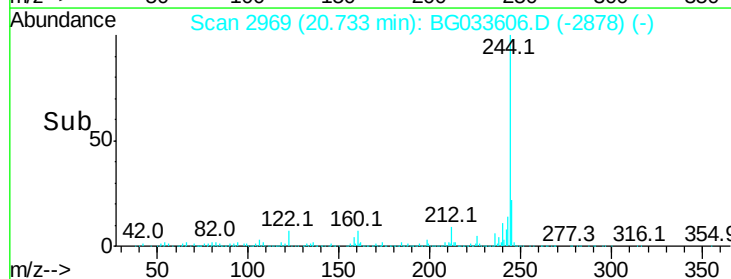
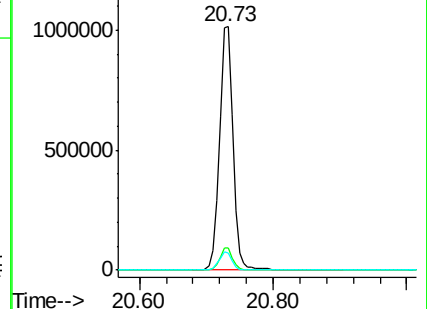
122 6.9 7.0 10.4#

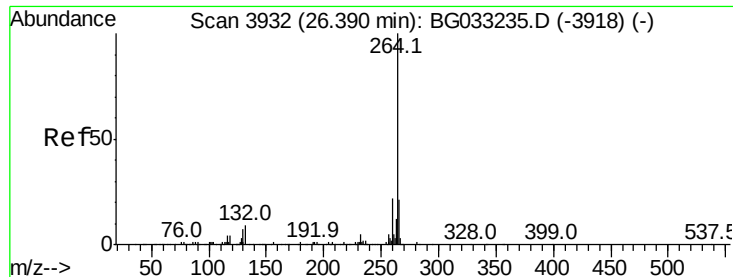


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

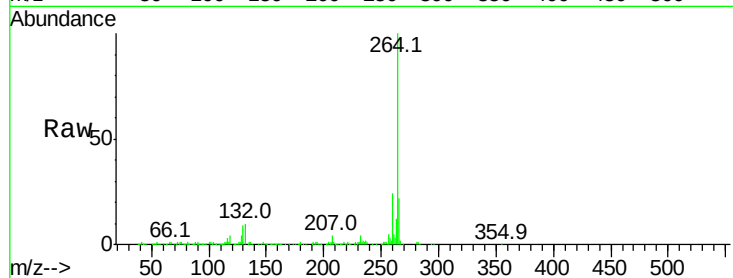




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3918
 Delta R.T. -0.01 min
 Lab File: BG033606.D
 Acq: 5 Apr 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.2	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

