

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033473.D
 Acq On : 31 Mar 2018 8:06
 Operator : SJ/JU
 Sample : J2142-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GB-RT-4252

Quant Time: Apr 02 02:04:22 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

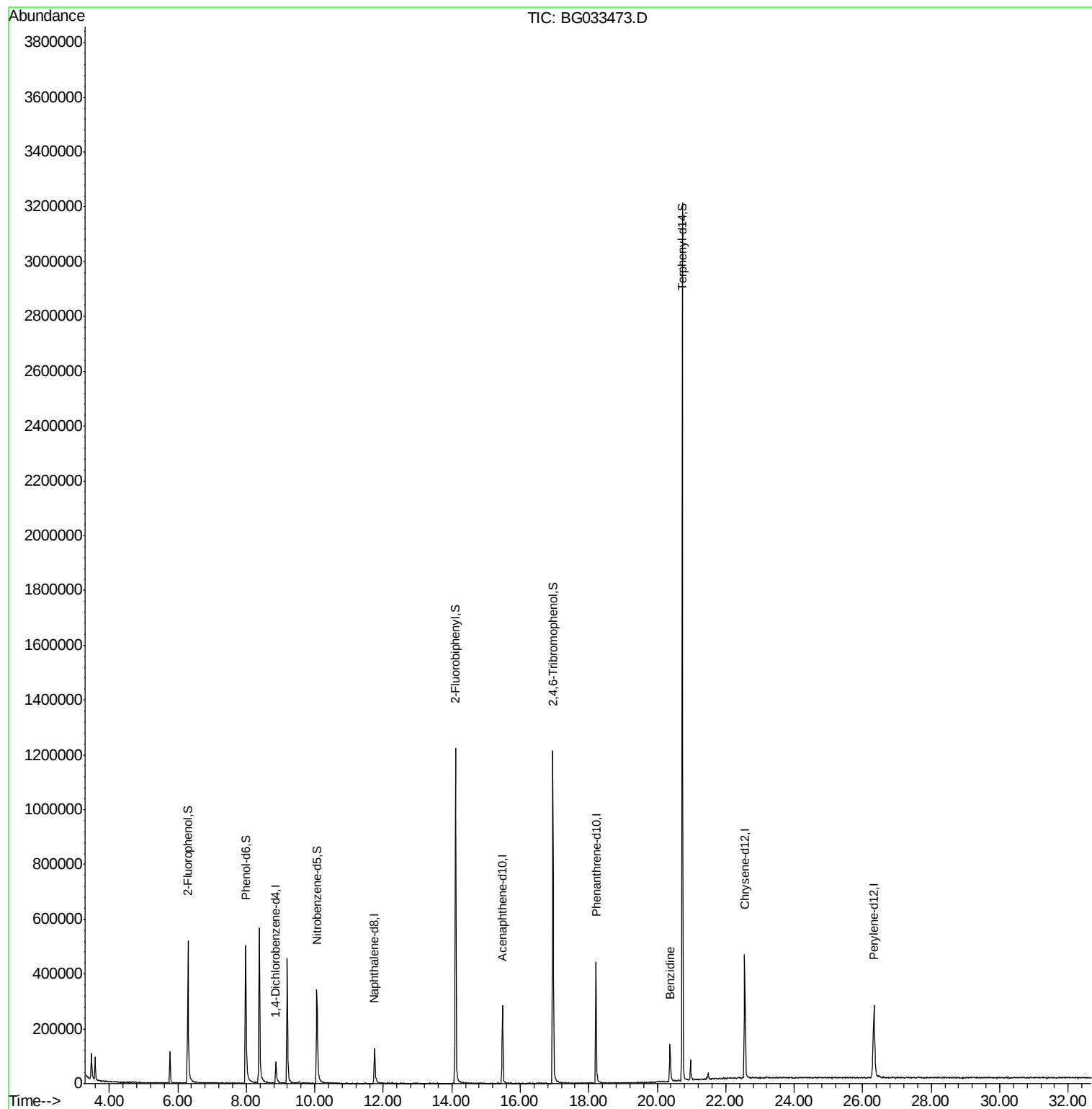
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31003	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	137816	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	108922	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	331255	20.00	ng	0.00
75) Chrysene-d12	22.55	240	346459	20.00	ng	0.00
86) Perylene-d12	26.33	264	364044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	261443	158.13	ng	0.00
7) Phenol-d6	7.98	99	371212	130.67	ng	0.00
23) Nitrobenzene-d5	10.06	82	279515	93.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	255408	156.78	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	720137	95.45	ng	0.00
78) Terphenyl-d14	20.73	244	1554608	95.96	ng	0.00
Target Compounds						
76) Benzidine	20.37	184	107739	11.467	ng	Qvalue 97

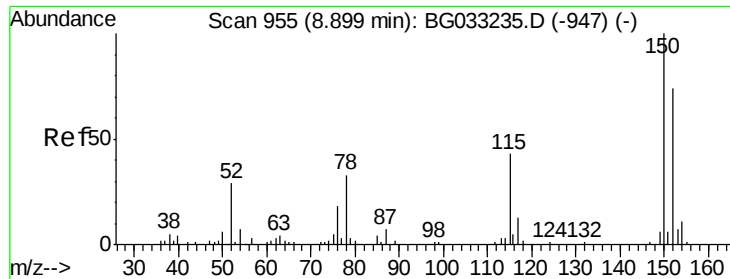
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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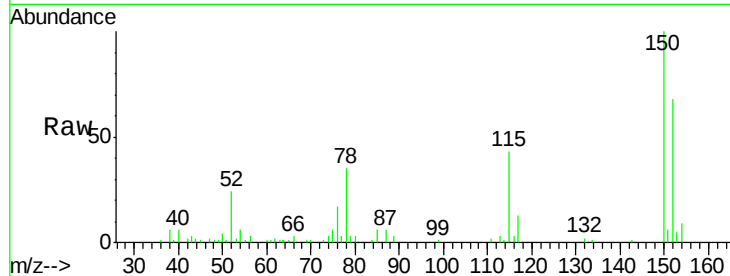


#1

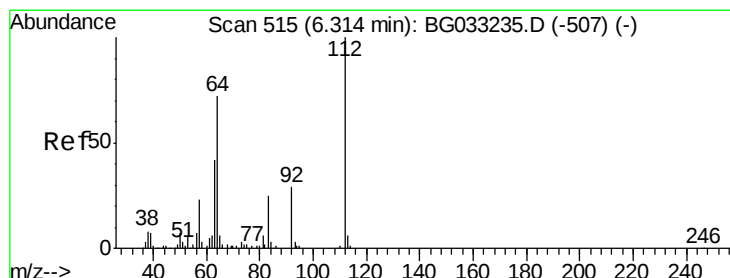
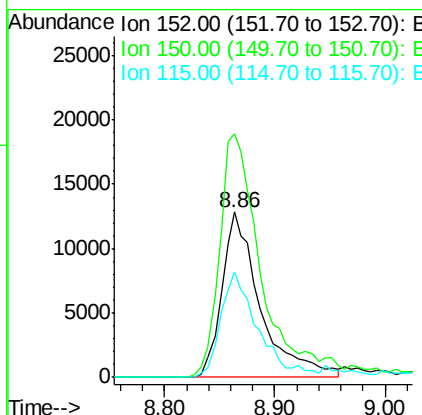
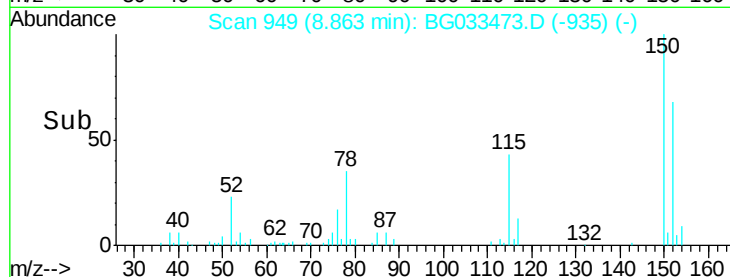
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033473.D
Acq: 31 Mar 2018 8:06

Instrument :
BNA_G
ClientSampleId :
GB-RT-4252

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	126.6	189.8
115	63.7	53.0	79.4



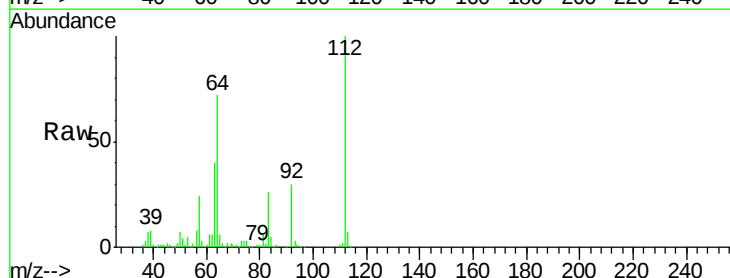
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



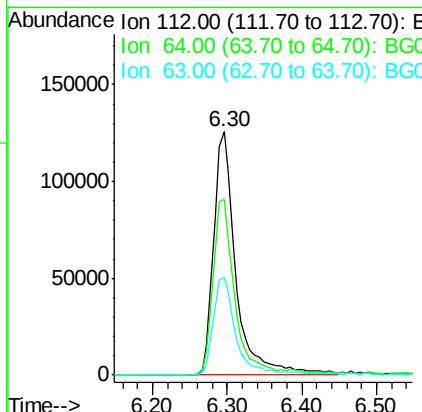
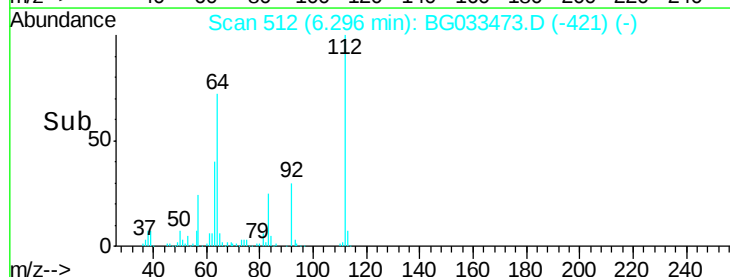
#5

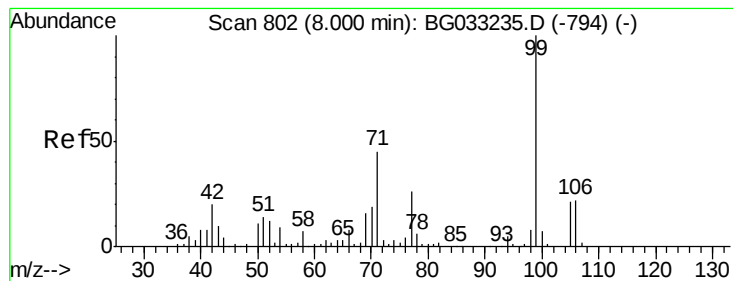
2-Fluorophenol
Concen: 158.126 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033473.D
Acq: 31 Mar 2018 8:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	56.3	84.5
63	40.4	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 130.669 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033473.D

Acq: 31 Mar 2018 8:06

Instrument :

BNA_G

ClientSampleId :

GB-RT-4252

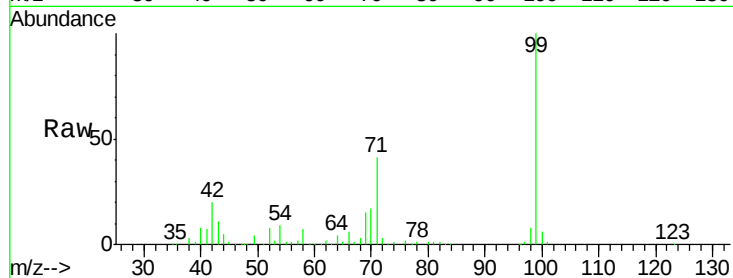
Tot Ion: 99 Resp: 371212

Ion Ratio Lower Upper

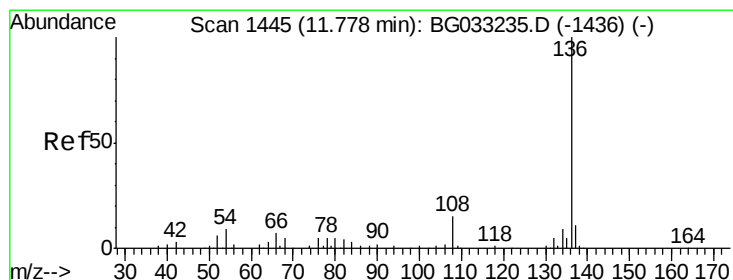
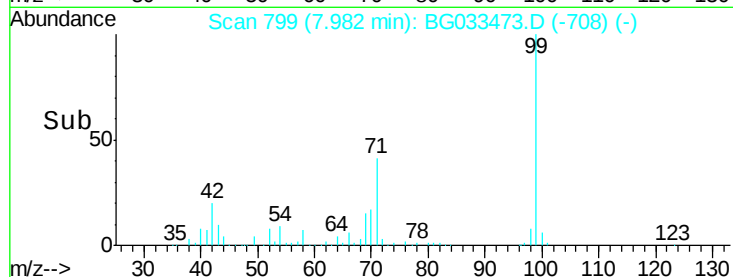
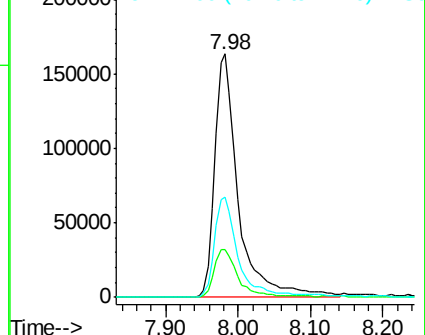
99 100

42 19.9 14.1 21.1

71 41.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033473.D

Acq: 31 Mar 2018 8:06

Tgt Ion: 136 Resp: 137816

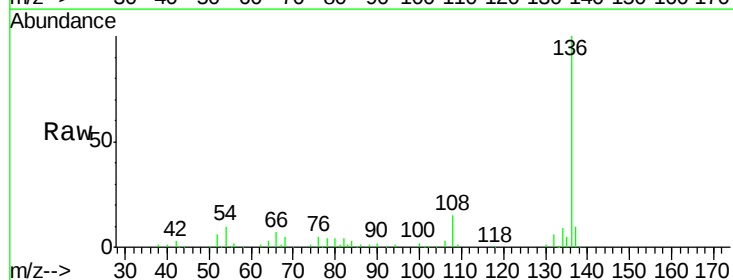
Ion Ratio Lower Upper

136 100

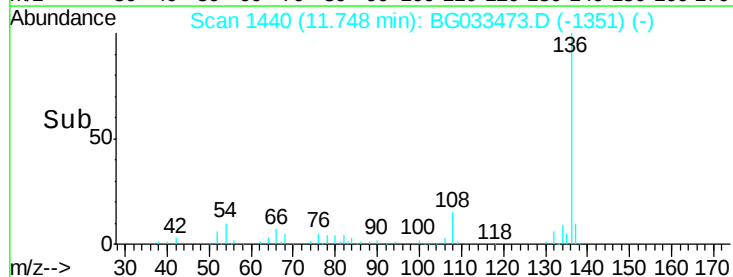
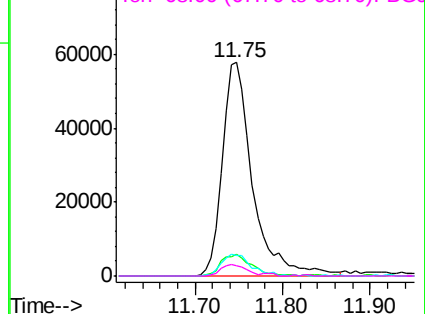
137 10.0 9.2 13.8

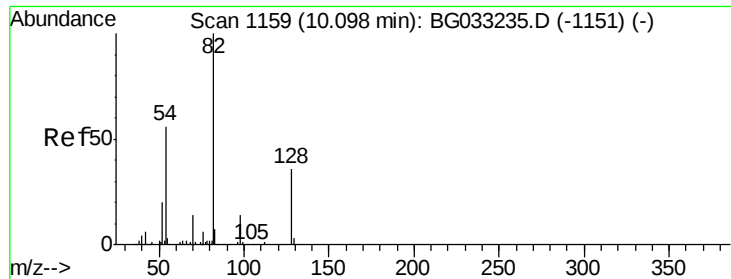
54 9.8 10.3 15.5#

68 5.1 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: 93.183 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BG033473.D

Acq: 31 Mar 2018 8:06

Instrument :

BNA_G

ClientSampleId :

GB-RT-4252

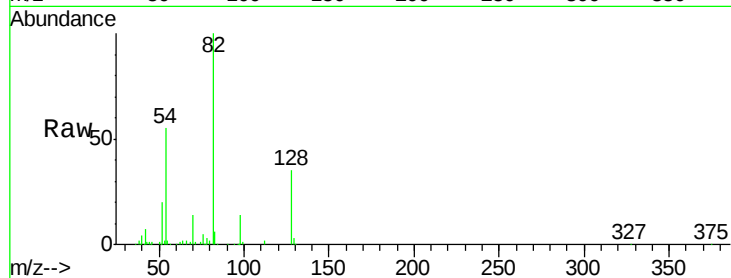
Tot Ion: 82 Resp: 279515

Ion Ratio Lower Upper

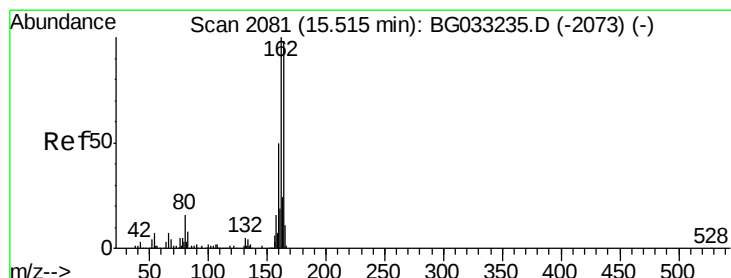
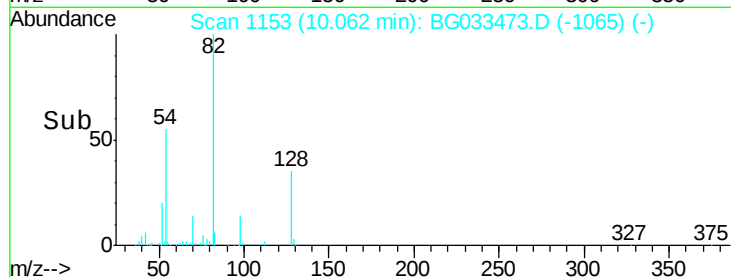
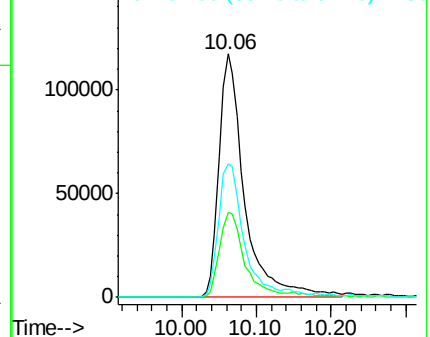
82 100

128 35.1 29.7 44.5

54 54.7 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: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033473.D

Acq: 31 Mar 2018 8:06

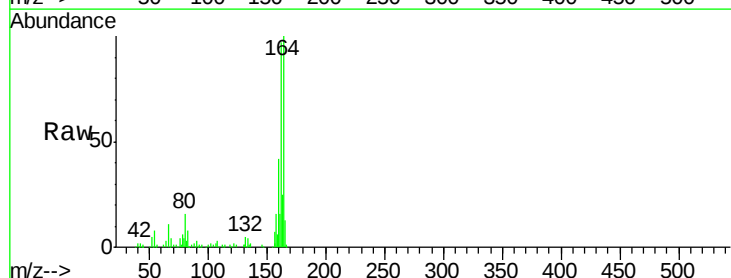
Tgt Ion: 164 Resp: 108922

Ion Ratio Lower Upper

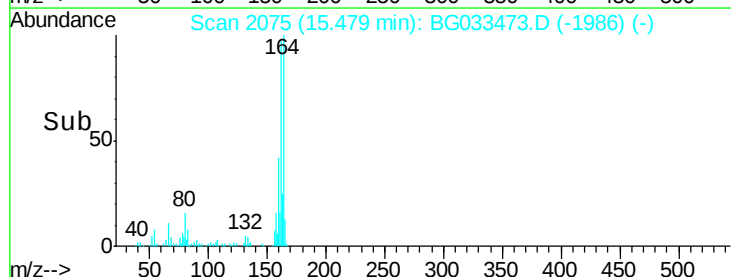
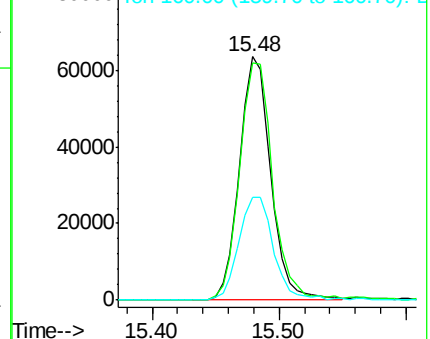
164 100

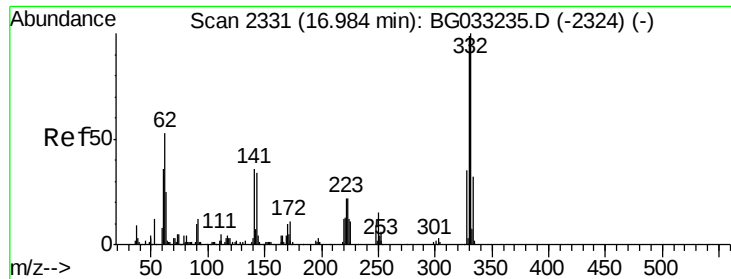
162 97.2 78.8 118.2

160 42.4 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

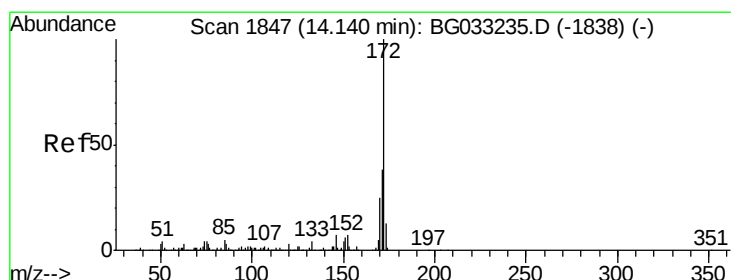
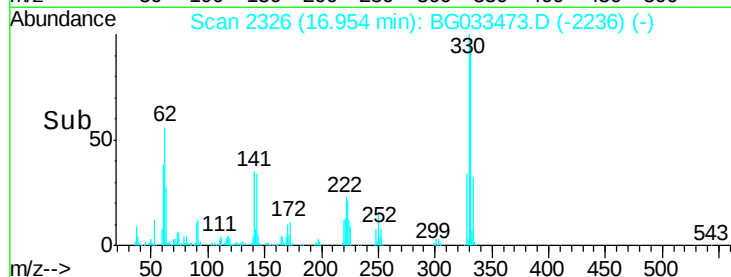
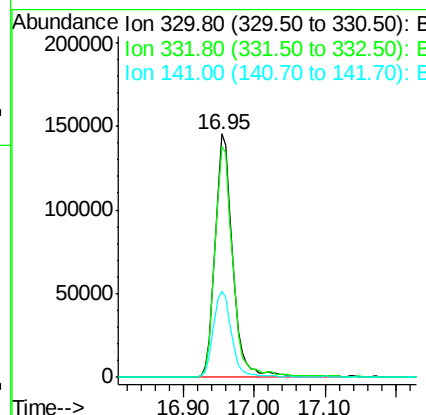
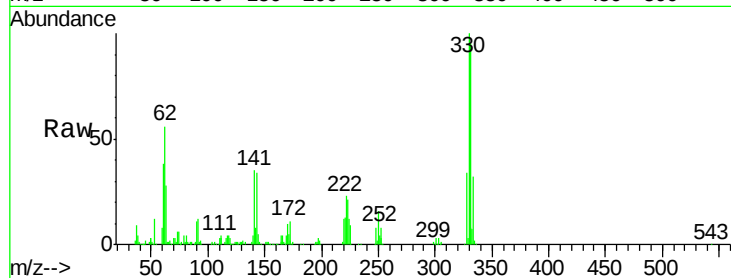




#41
 2,4,6-Tribromophenol
 Concen: 156.783 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033473.D
 Acq: 31 Mar 2018 8:06

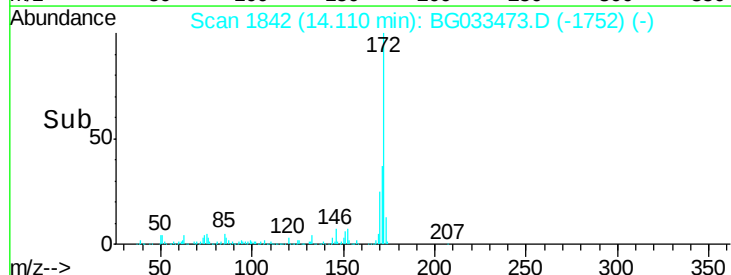
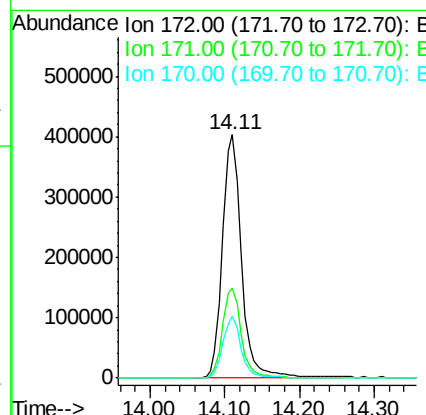
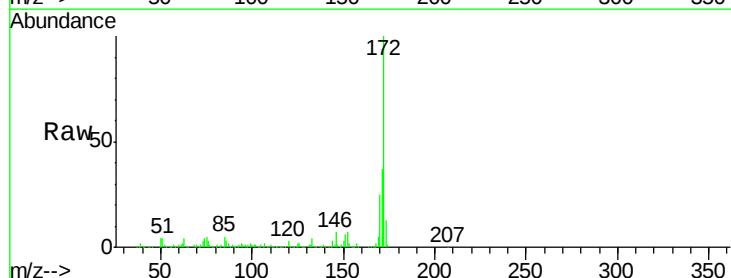
Instrument :
 BNA_G
 ClientSampleId :
 GB-RT-4252

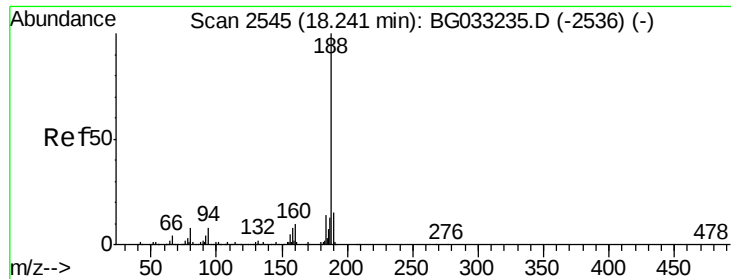
Tot Ion:330 Resp: 255408
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 36.4 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 95.446 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033473.D
 Acq: 31 Mar 2018 8:06

Tgt Ion:172 Resp: 720137
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 25.1 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033473.D

Acq: 31 Mar 2018 8:06

Instrument :

BNA_G

ClientSampleId :

GB-RT-4252

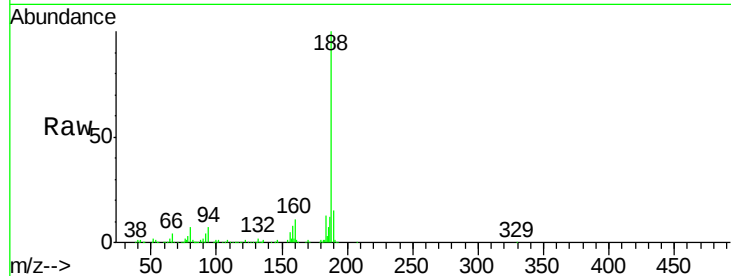
Tot Ion:188 Resp: 331255

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

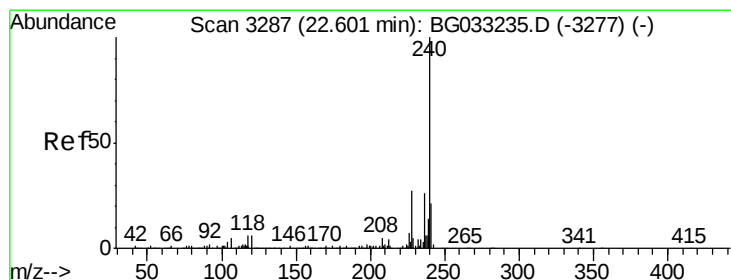
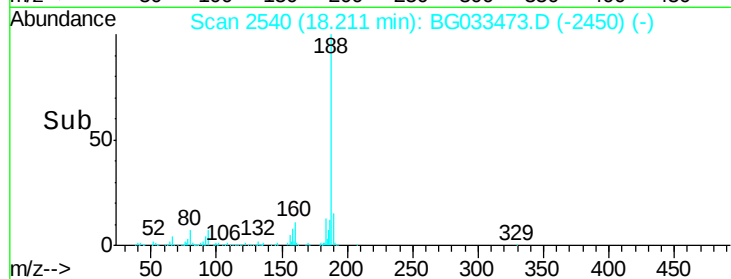
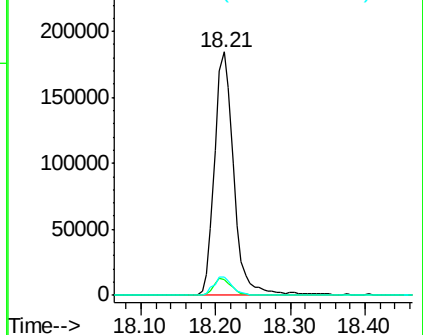
80 7.4 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033473.D

Acq: 31 Mar 2018 8:06

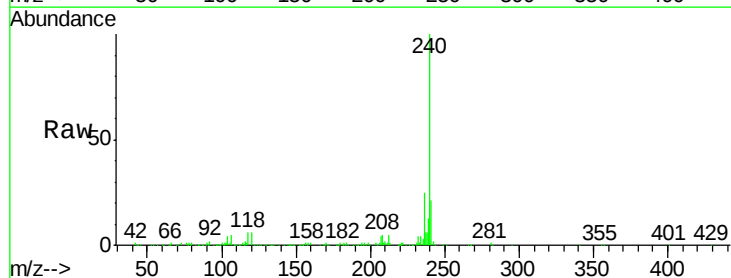
Tgt Ion:240 Resp: 346459

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

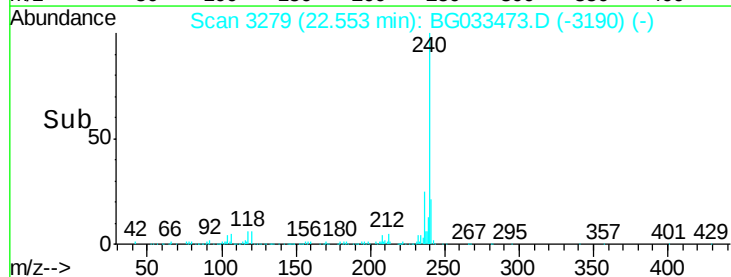
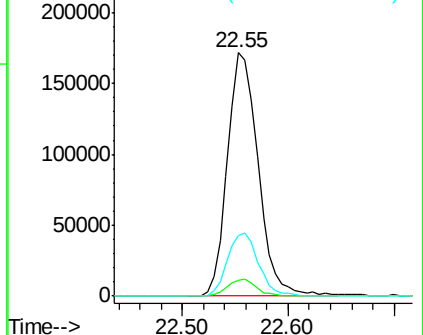
236 24.9 20.9 31.3

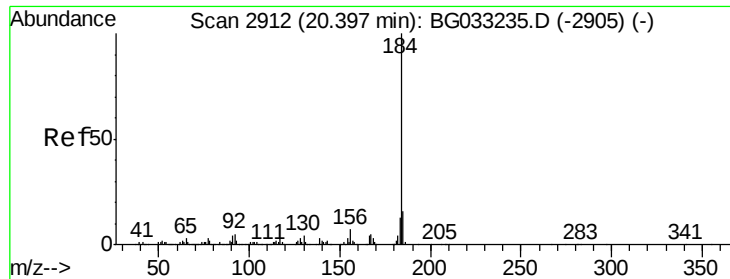


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

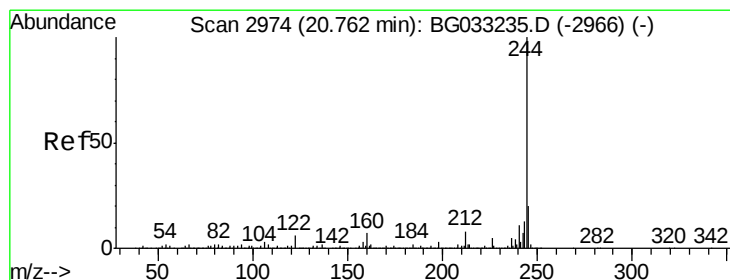
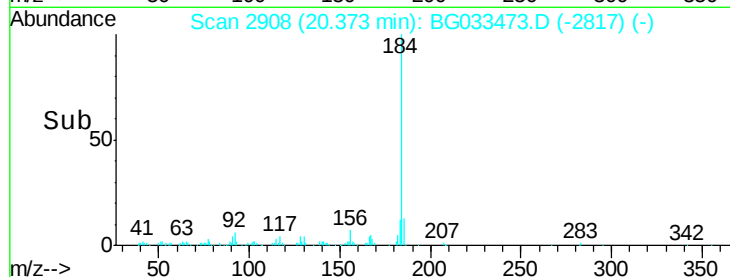
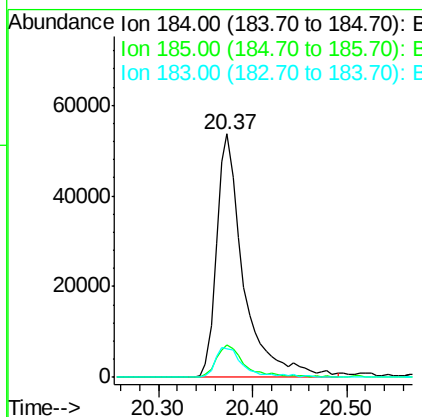
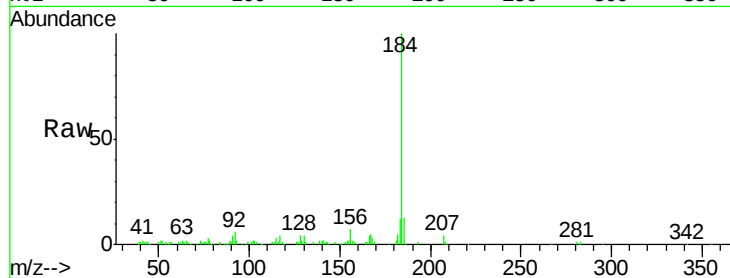




#76
Benzidine
Concen: 11.467 ng
RT: 20.37 min Scan# 2908
Delta R.T. 0.00 min
Lab File: BG033473.D
Acq: 31 Mar 2018 8:06

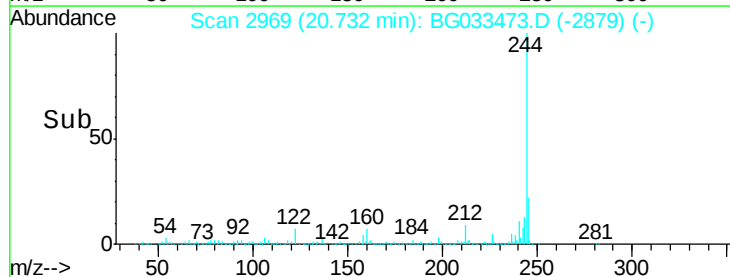
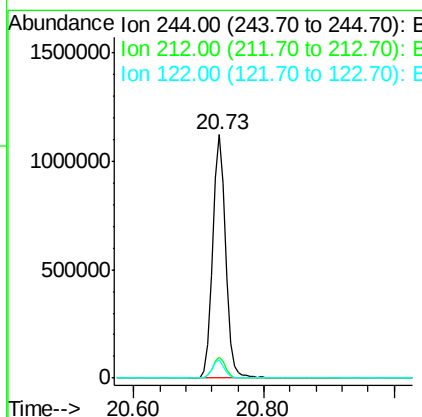
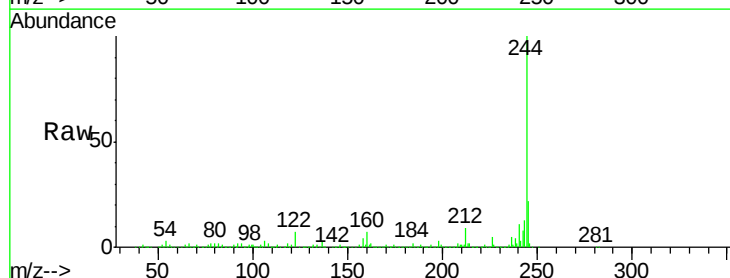
Instrument :
BNA_G
ClientSampleId :
GB-RT-4252

Tot Ion:184 Resp: 107739
Ion Ratio Lower Upper
184 100
185 13.1 11.1 16.7
183 12.0 10.6 16.0



#78
Terphenyl-d14
Concen: 95.962 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033473.D
Acq: 31 Mar 2018 8:06

Tgt Ion:244 Resp: 1554608
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.8
122 7.3 7.0 10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BG033473.D
Acq: 31 Mar 2018 8:06

Instrument :
BNA_G
ClientSampleId :
GB-RT-4252

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.2	17.7	26.5

