

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033474.D
 Acq On : 31 Mar 2018 8:44
 Operator : SJ/JU
 Sample : J2142-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GB-RT-2342

Quant Time: Apr 02 02:09:03 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

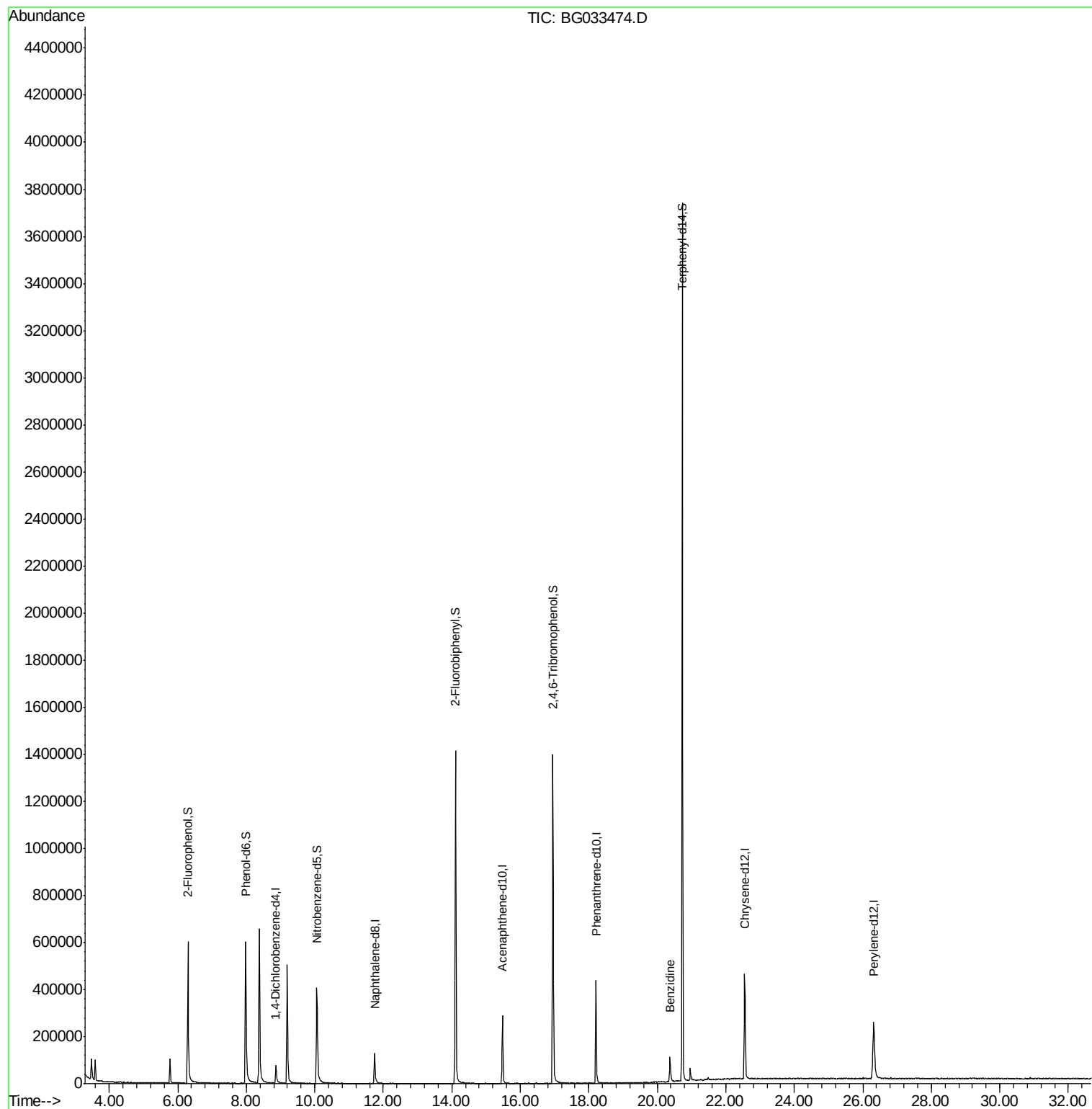
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29408	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	130128	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	107931	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	313833	20.00	ng	0.00
75) Chrysene-d12	22.55	240	336585	20.00	ng	0.00
86) Perylene-d12	26.32	264	355548	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	296360	188.97	ng	0.00
7) Phenol-d6	7.98	99	426548	158.29	ng	0.00
23) Nitrobenzene-d5	10.06	82	330420	116.66	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	286838	177.69	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	821869	109.93	ng	0.00
78) Terphenyl-d14	20.73	244	1762370	111.98	ng	0.00
Target Compounds						
76) Benzidine	20.37	184	83232	9.119	ng	Qvalue 96

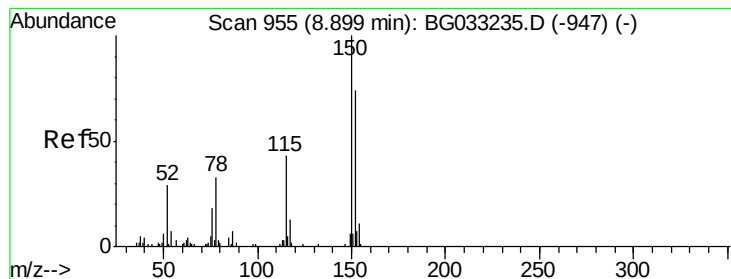
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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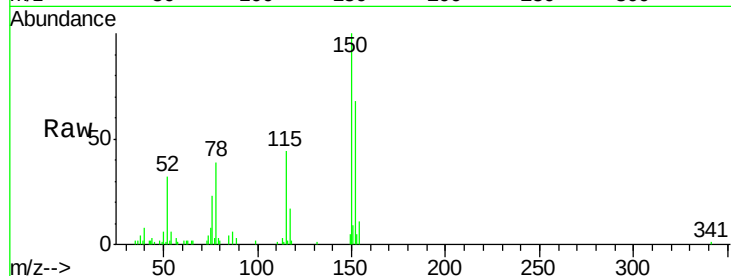


#1

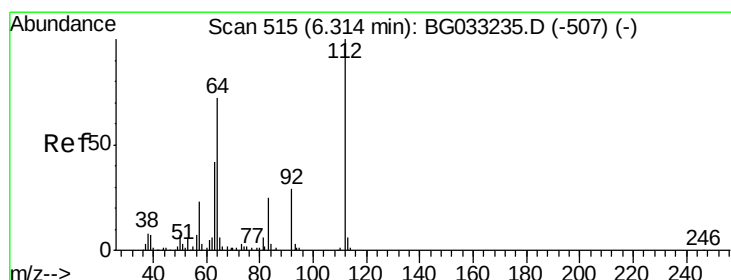
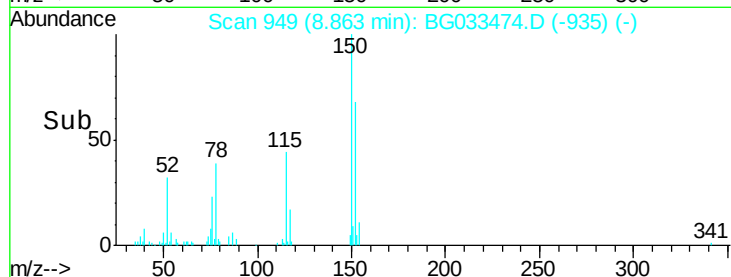
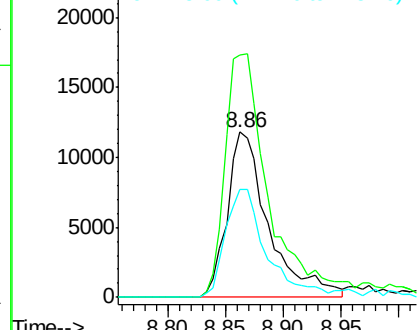
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033474.D
Acq: 31 Mar 2018 8:44

Instrument :
BNA_G
ClientSampleId :
GB-RT-2342

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.6	126.6	189.8
115	65.1	53.0	79.4



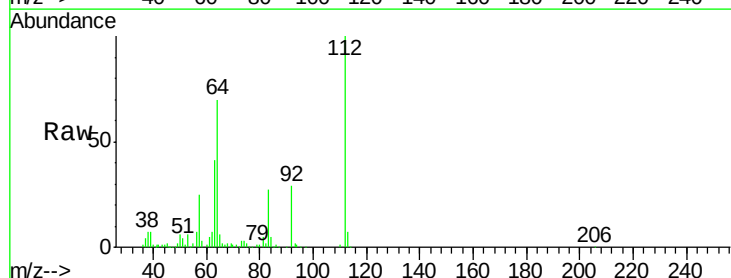
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



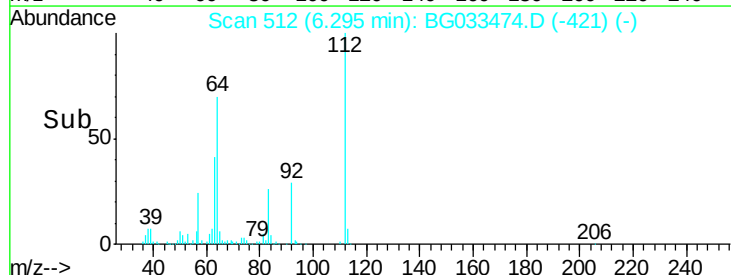
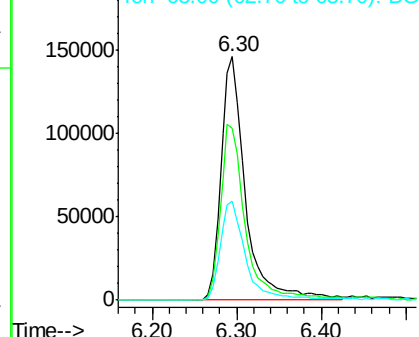
#5

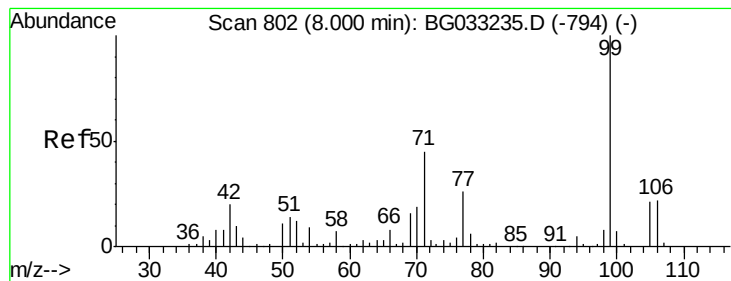
2-Fluorophenol
Concen: 188.966 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033474.D
Acq: 31 Mar 2018 8:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	56.3	84.5
63	40.5	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: 158.291 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033474.D

Acq: 31 Mar 2018 8:44

Instrument :

BNA_G

ClientSampleId :

GB-RT-2342

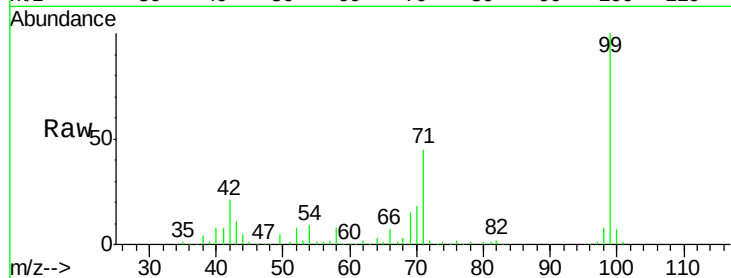
Tot Ion: 99 Resp: 426548

Ion Ratio Lower Upper

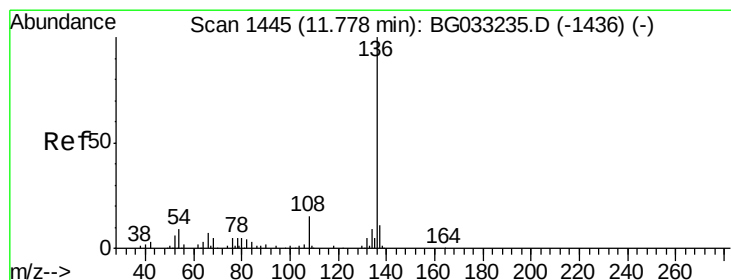
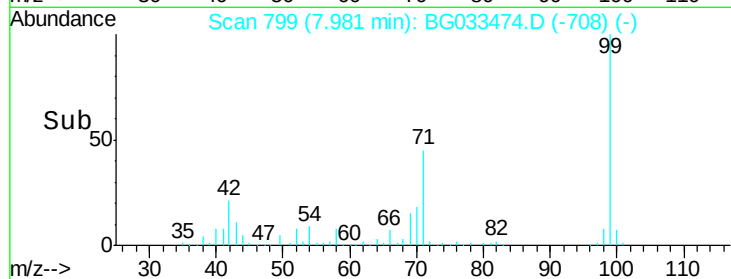
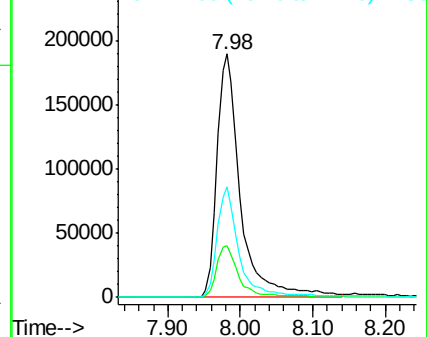
99 100

42 21.4 14.1 21.1#

71 45.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033474.D

Acq: 31 Mar 2018 8:44

Tgt Ion: 136 Resp: 130128

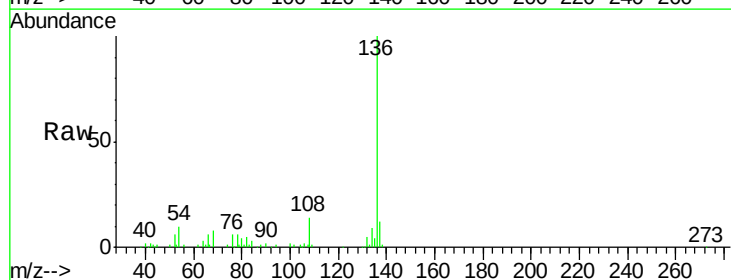
Ion Ratio Lower Upper

136 100

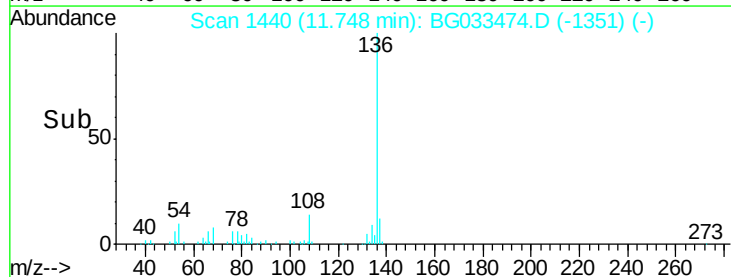
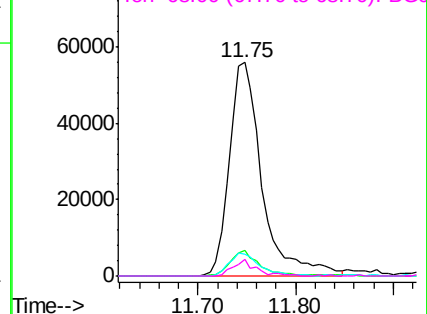
137 11.8 9.2 13.8

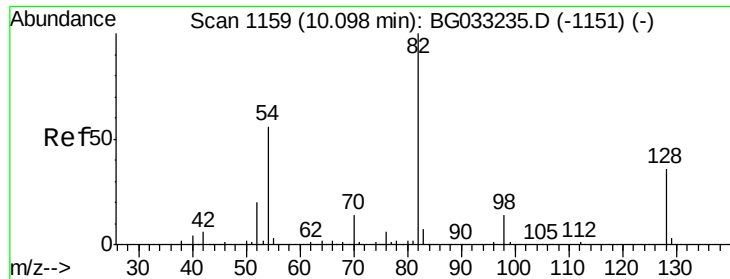
54 10.0 10.3 15.5#

68 7.8 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

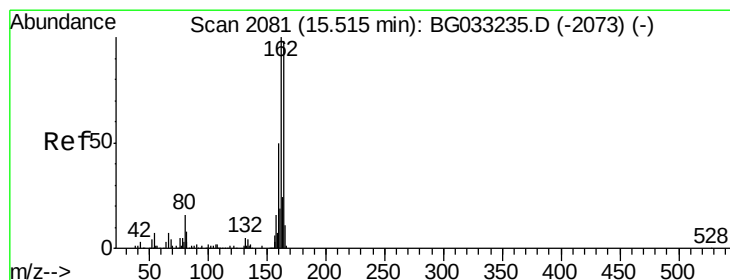
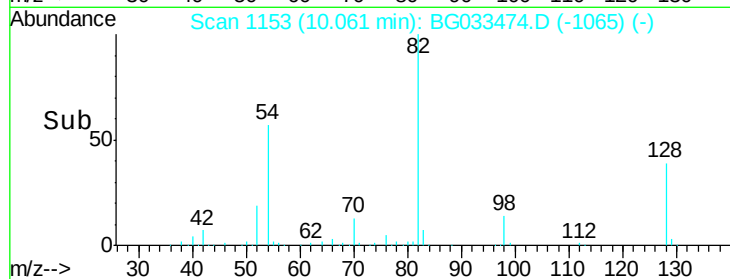
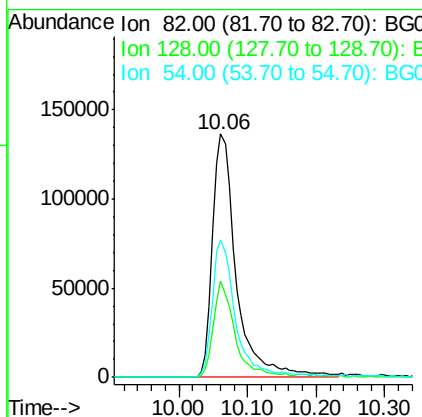
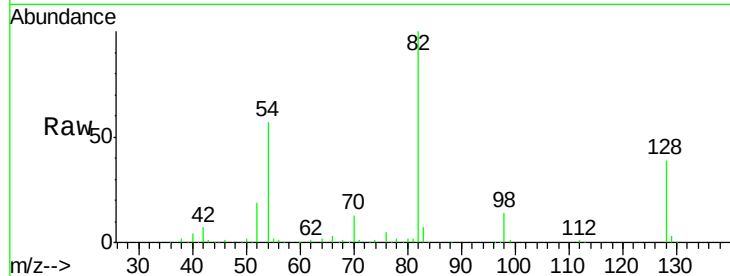




#23
Nitrobenzene-d5
Concen: 116.661 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BG033474.D
Acq: 31 Mar 2018 8:44

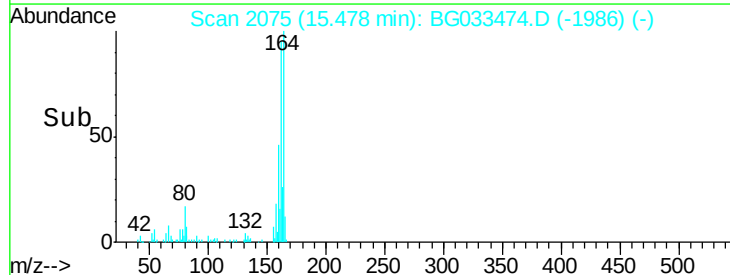
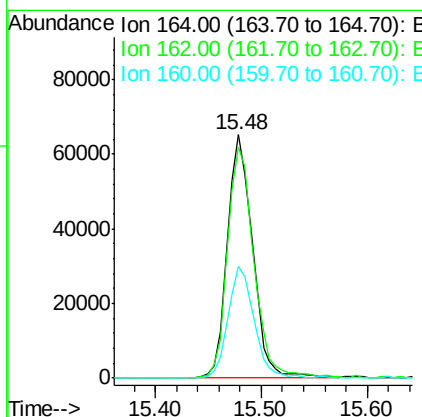
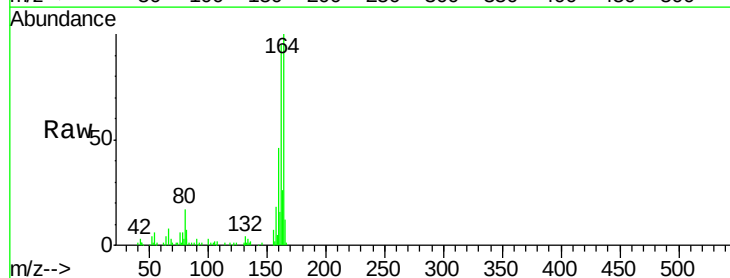
Instrument :
BNA_G
ClientSampleId :
GB-RT-2342

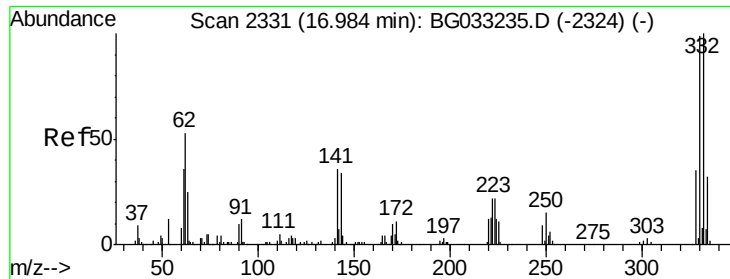
Tot Ion: 82 Resp: 330420
Ion Ratio Lower Upper
82 100
128 39.4 29.7 44.5
54 56.7 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033474.D
Acq: 31 Mar 2018 8:44

Tgt Ion: 164 Resp: 107931
Ion Ratio Lower Upper
164 100
162 94.9 78.8 118.2
160 45.9 35.4 53.0

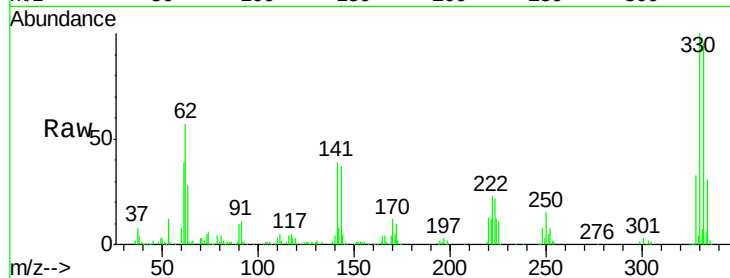




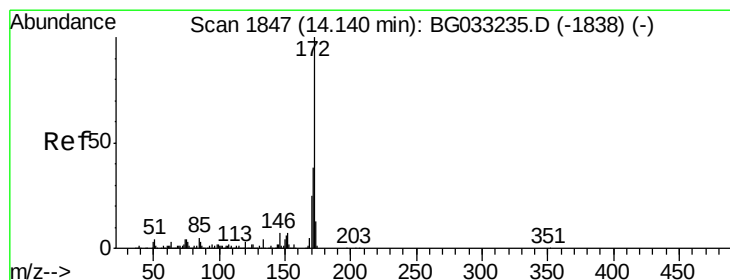
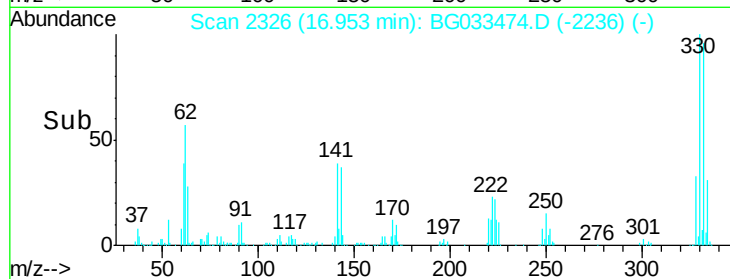
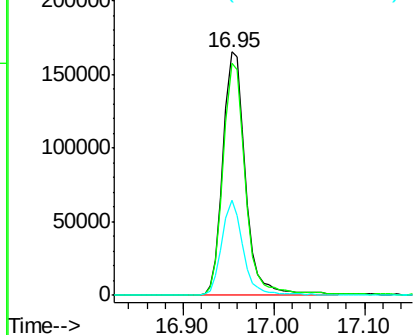
#41
 2,4,6-Tribromophenol
 Concen: 177.693 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033474.D
 Acq: 31 Mar 2018 8:44

Instrument :
 BNA_G
 ClientSampleId :
 GB-RT-2342

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	37.1	25.2	37.8

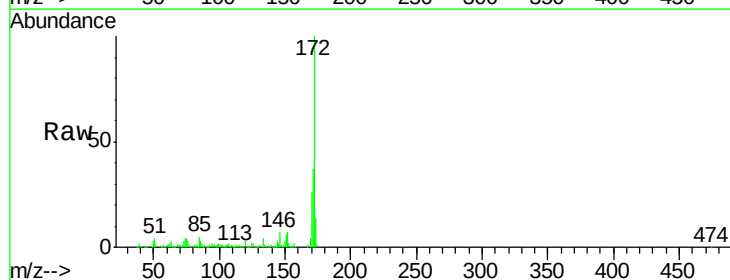


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

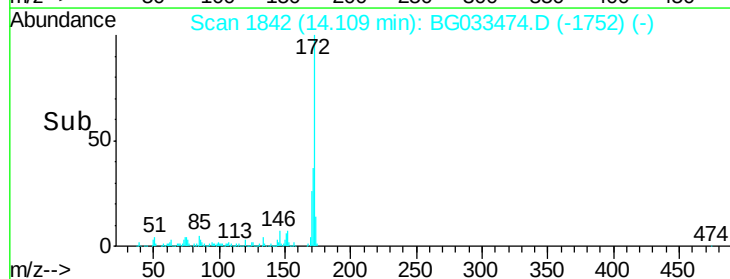
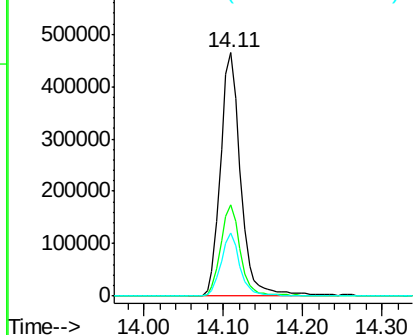


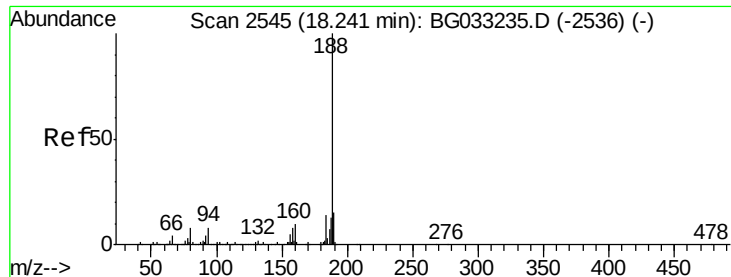
#44
 2-Fluorobiphenyl
 Concen: 109.929 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033474.D
 Acq: 31 Mar 2018 8:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	26.0	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033474.D

Acq: 31 Mar 2018 8:44

Instrument :

BNA_G

ClientSampleId :

GB-RT-2342

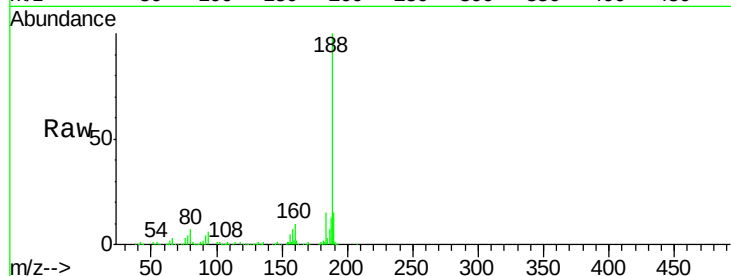
Tot Ion:188 Resp: 313833

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

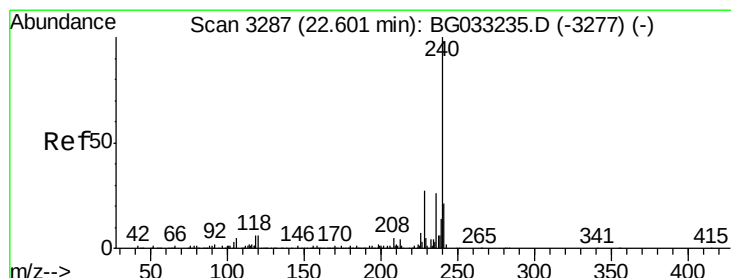
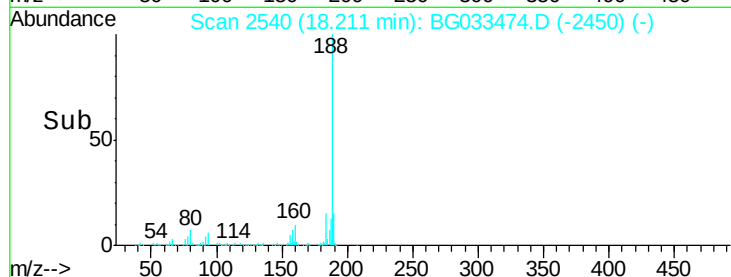
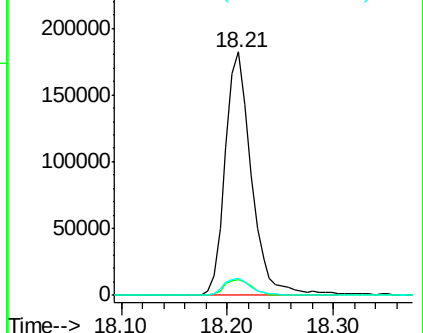
80 7.0 7.7 11.5#



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: BG033474.D

Acq: 31 Mar 2018 8:44

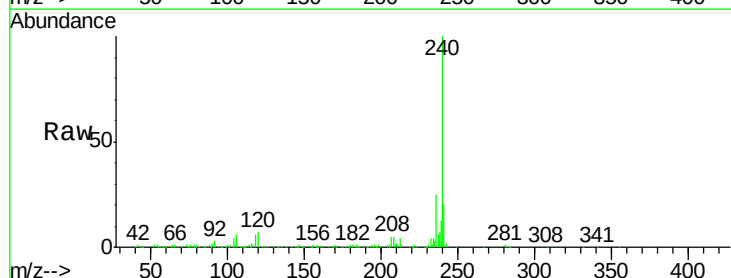
Tgt Ion:240 Resp: 336585

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

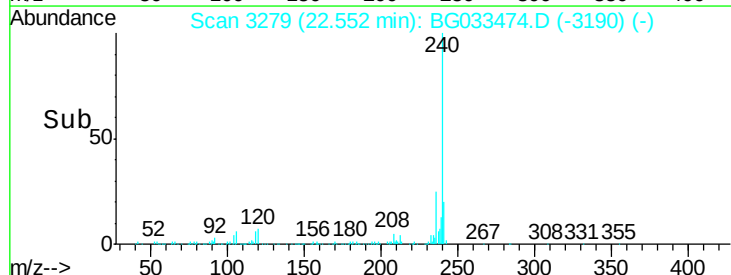
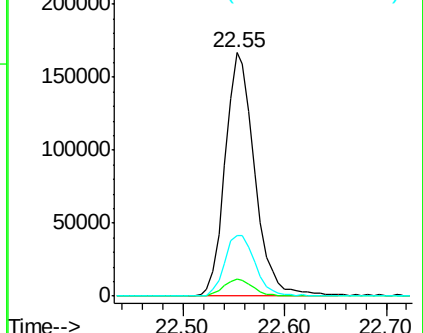
236 24.6 20.9 31.3

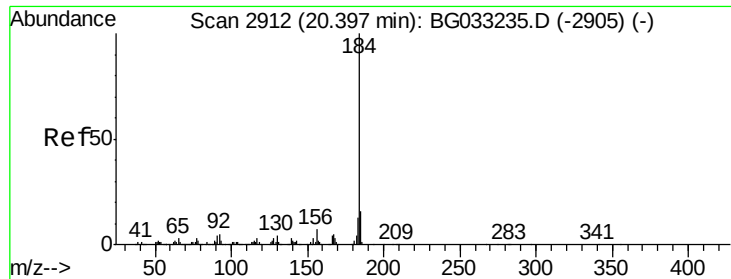


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 9.119 ng

RT: 20.37 min Scan# 2908

Delta R.T. 0.00 min

Lab File: BG033474.D

Acq: 31 Mar 2018 8:44

Instrument :

BNA_G

ClientSampleId :

GB-RT-2342

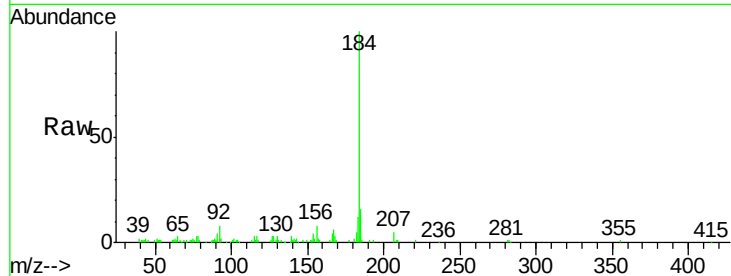
Tot Ion:184 Resp: 83232

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

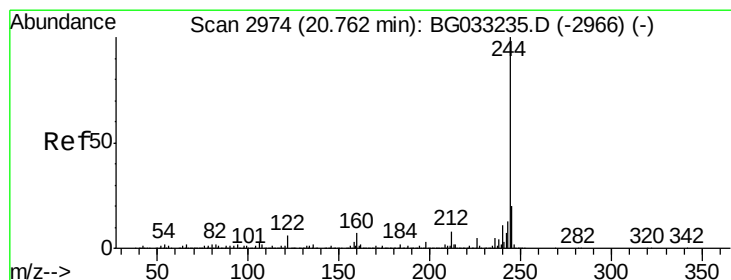
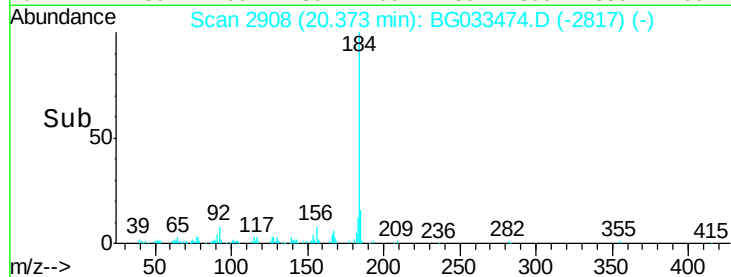
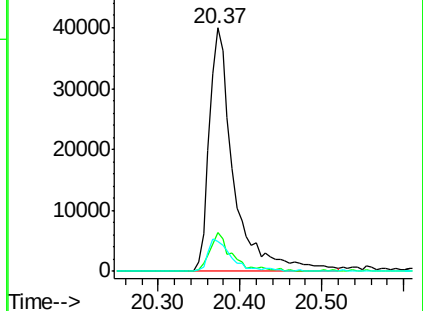
183 12.4 10.6 16.0



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: 111.978 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033474.D

Acq: 31 Mar 2018 8:44

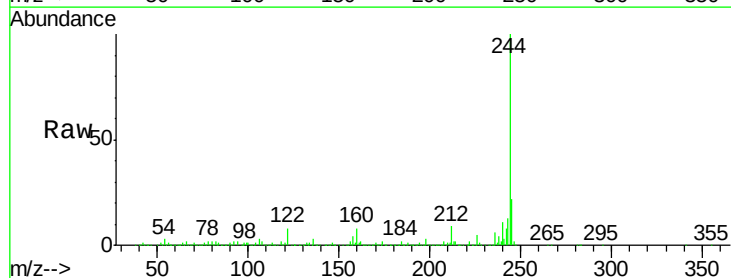
Tgt Ion:244 Resp: 1762370

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

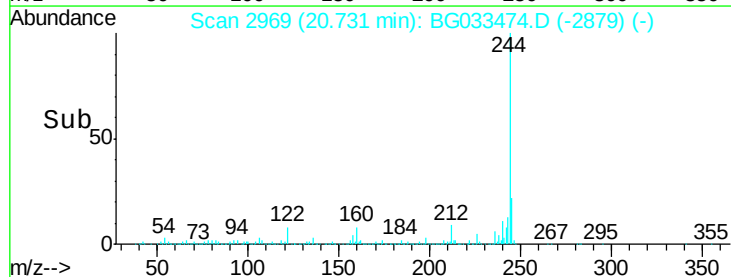
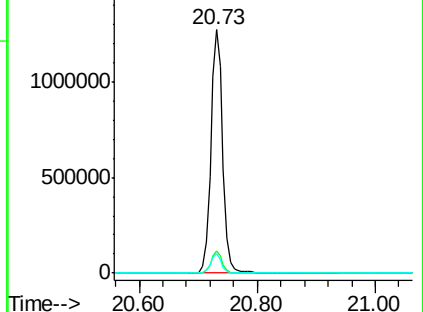
122 7.9 7.0 10.4

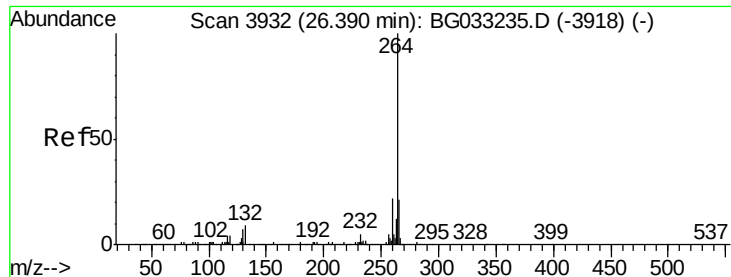


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3920
Delta R.T. -0.02 min
Lab File: BG033474.D
Acq: 31 Mar 2018 8:44

Instrument :
BNA_G
ClientSampleId :
GB-RT-2342

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	22.1	17.7	26.5

