

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033540.D
 Acq On : 4 Apr 2018 1:58
 Operator : SJ/JU
 Sample : J2131-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT0613

Quant Time: Apr 04 04:39:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

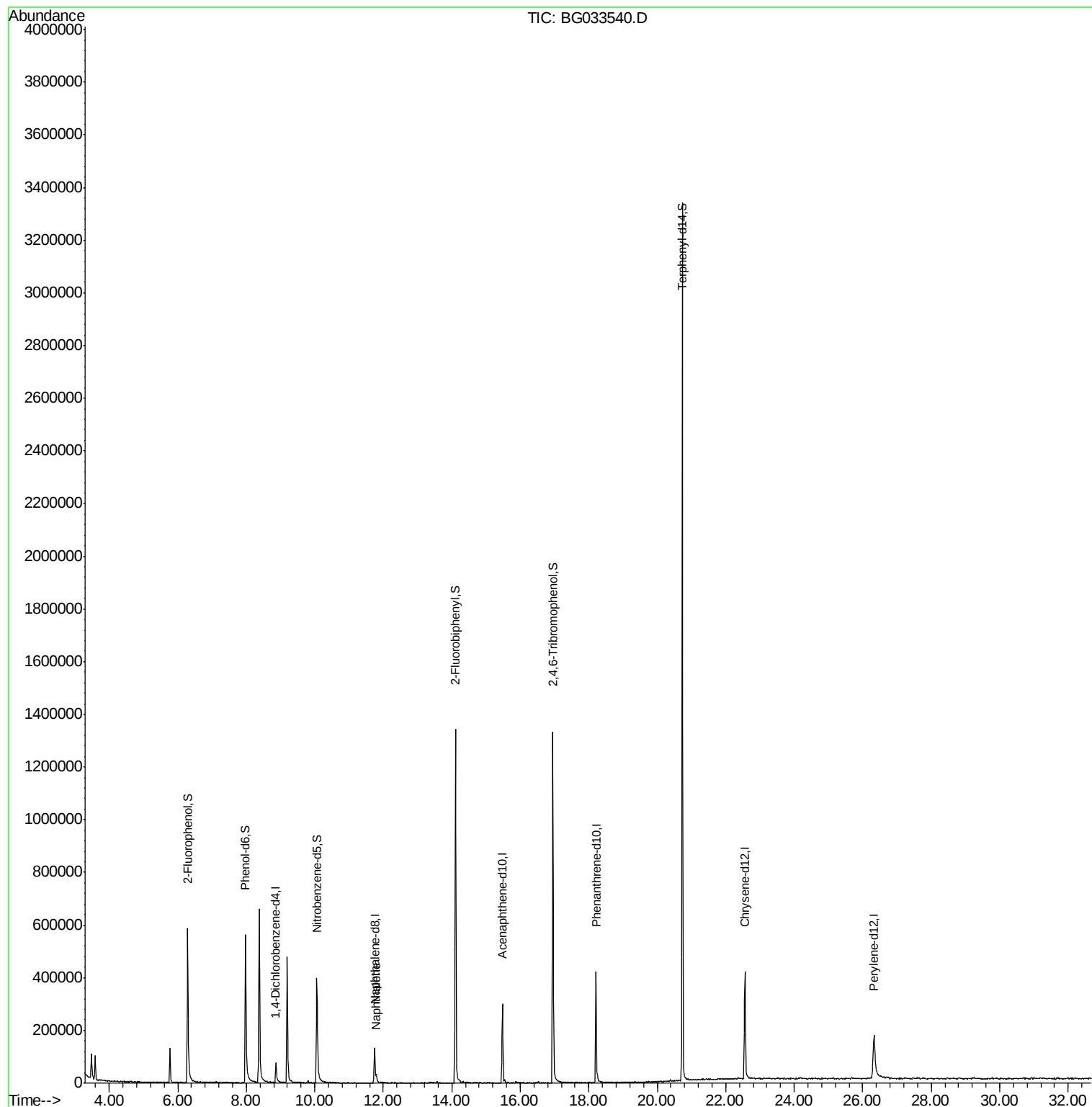
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	30497	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	133710	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	111699	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	310689	20.00	ng	0.00
75) Chrysene-d12	22.56	240	325205	20.00	ng	0.00
86) Perylene-d12	26.33	264	292781	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	281725	173.22	ng	0.00
7) Phenol-d6	7.98	99	400542	143.33	ng	0.00
23) Nitrobenzene-d5	10.06	82	320690	110.19	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	259947	155.60	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	782078	101.08	ng	0.00
78) Terphenyl-d14	20.73	244	1608787	105.80	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	24913	3.596	ng	Qvalue # 91

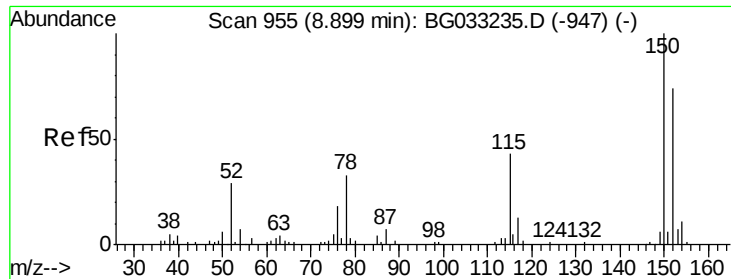
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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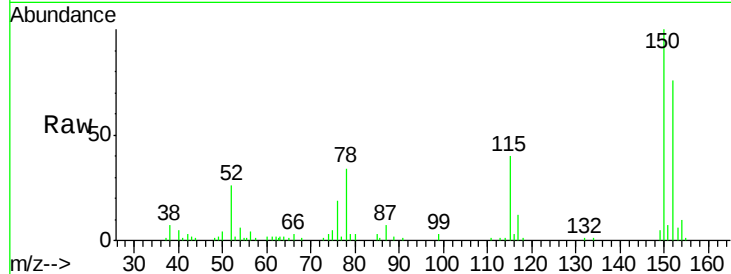


#1

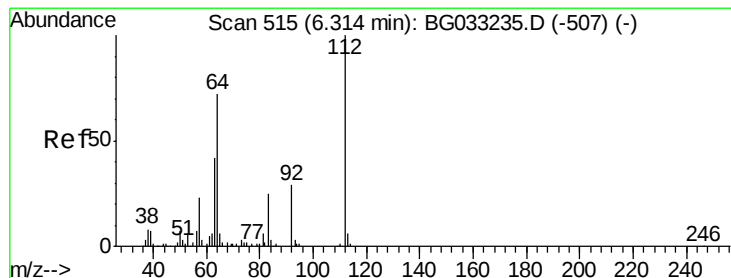
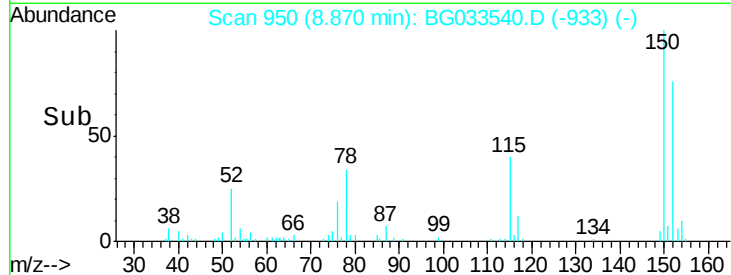
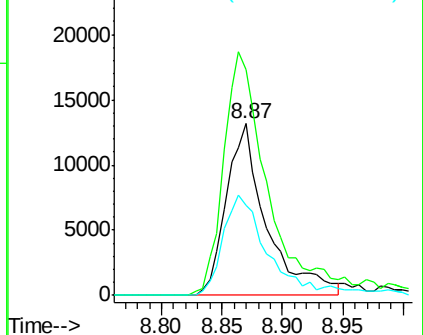
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Instrument :
BNA_G
ClientSampled :
RT0613

Tot Ion	Ratio	Lower	Upper
152	100		
150	131.3	126.6	189.8
115	52.6	53.0	79.4



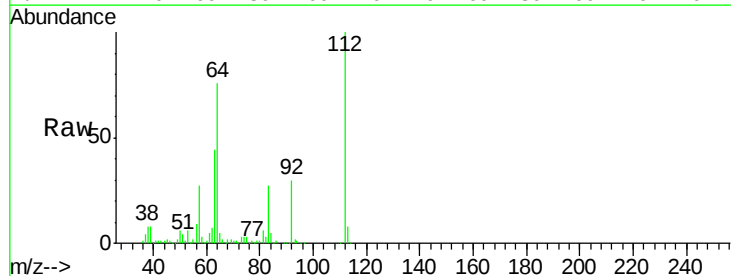
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



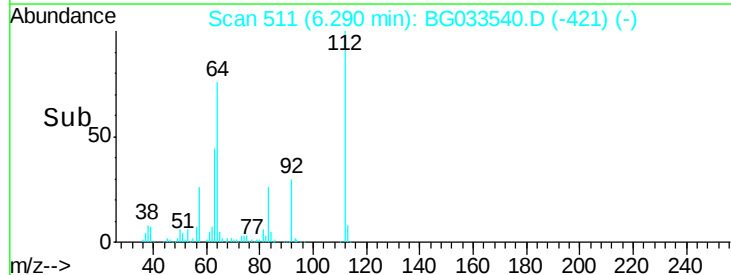
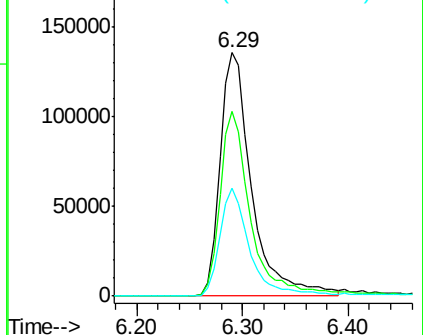
#5

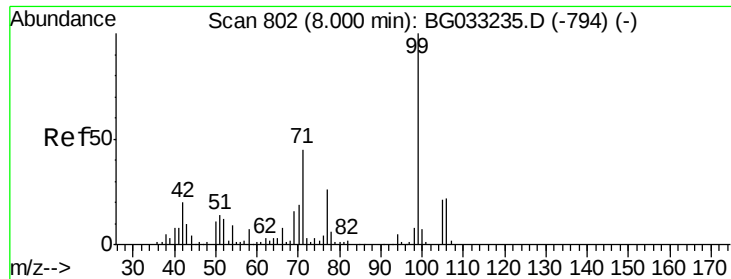
2-Fluorophenol
Concen: 173.220 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.0	56.3	84.5
63	44.4	30.1	45.1



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





#7

Phenol-d6

Concen: 143.333 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033540.D

Acq: 4 Apr 2018 1:58

Instrument :

BNA_G

ClientSampleId :

RT0613

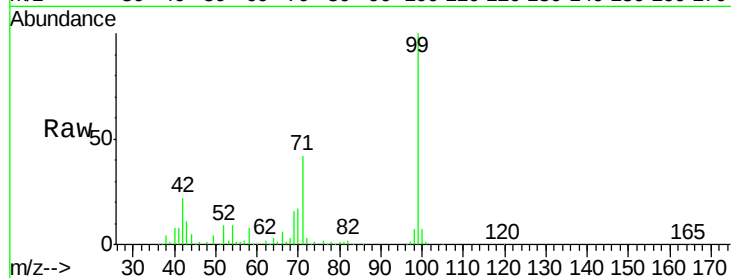
Tot Ion: 99 Resp: 400542

Ion Ratio Lower Upper

99 100

42 22.3 14.1 21.1#

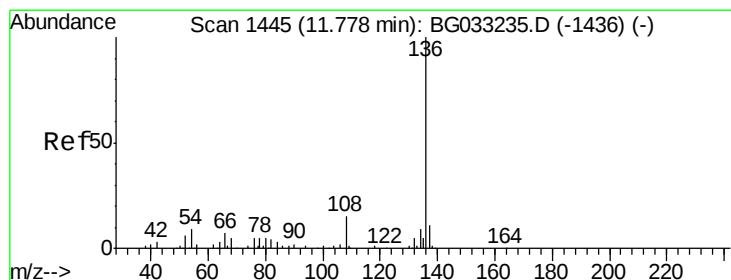
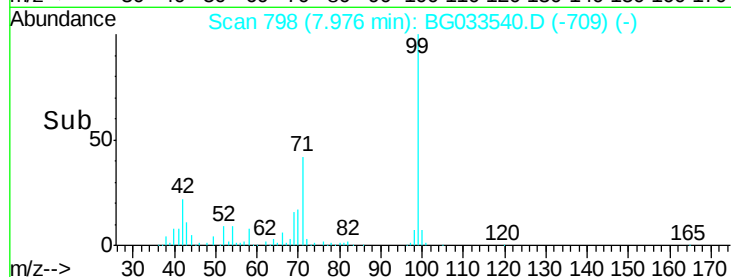
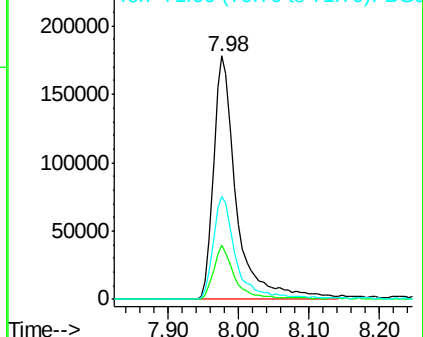
71 42.0 26.1 39.1#



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. 0.00 min

Lab File: BG033540.D

Acq: 4 Apr 2018 1:58

Tgt Ion: 136 Resp: 133710

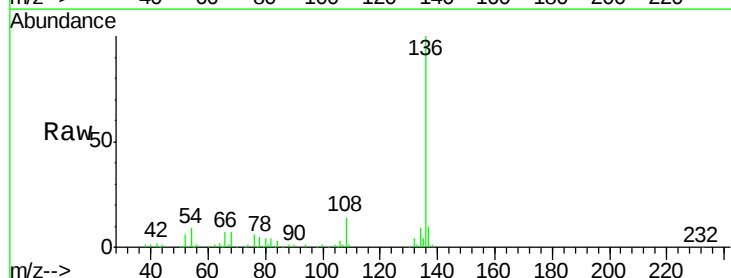
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 9.7 10.3 15.5#

68 7.0 4.5 6.7#

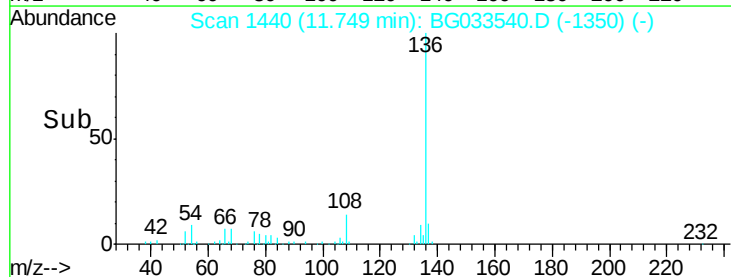
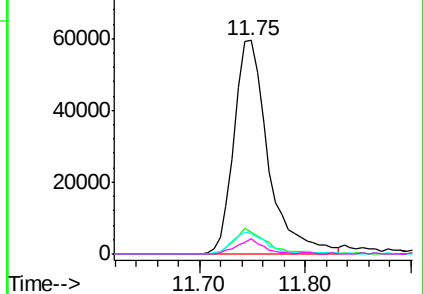


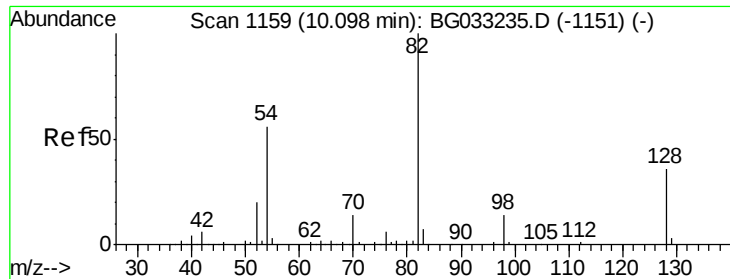
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

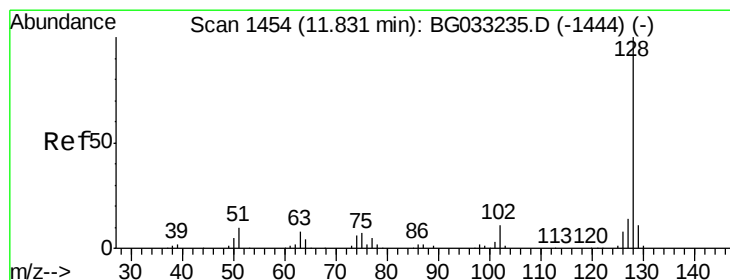
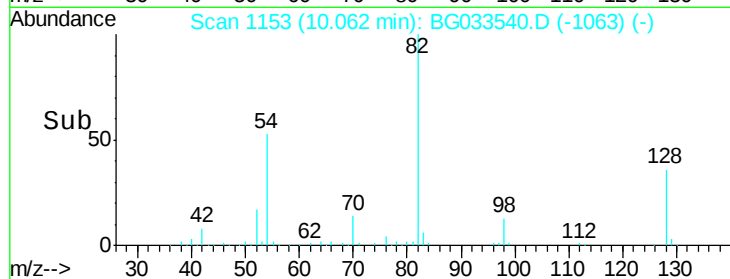
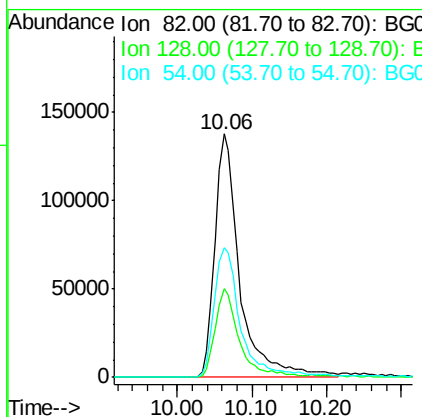
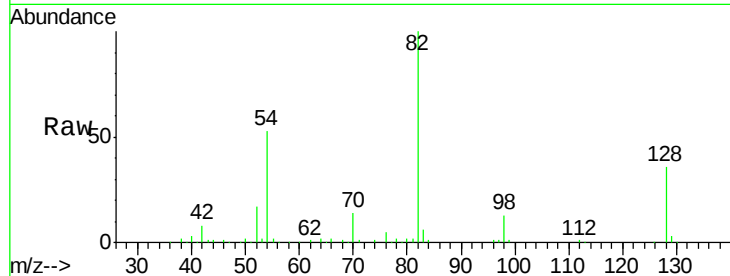




#23
 Nitrobenzene-d5
 Concen: 110.192 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033540.D
 Acq: 4 Apr 2018 1:58

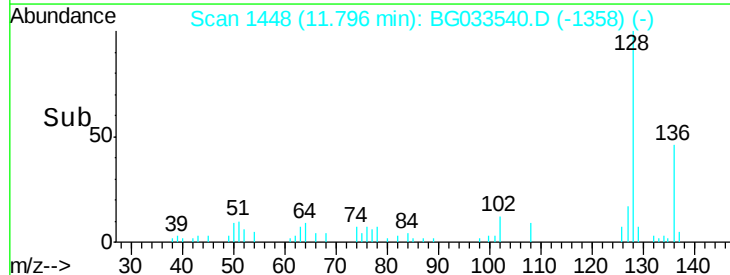
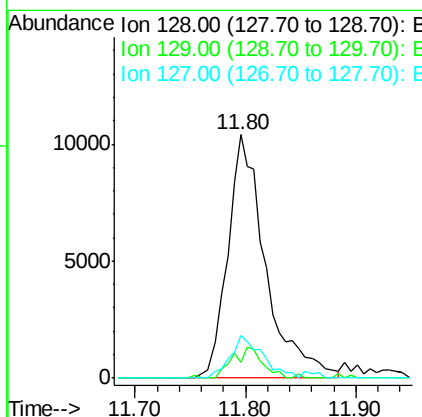
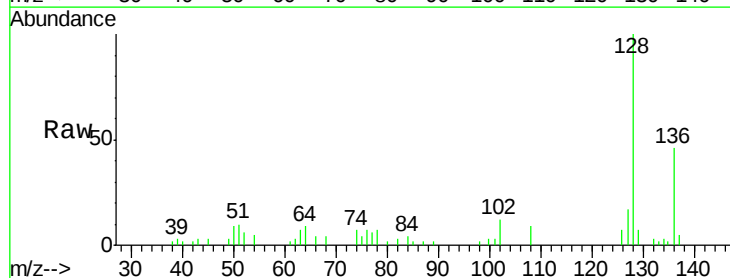
Instrument :
 BNA_G
 ClientSampled :
 RT0613

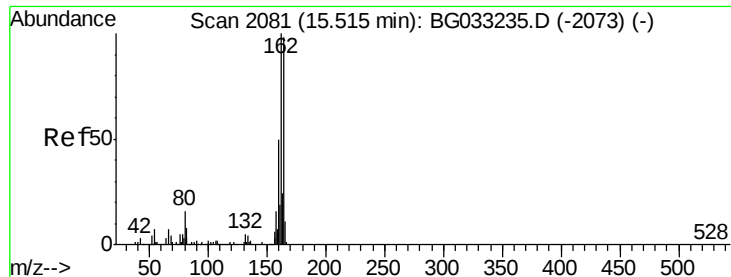
Tot Ion: 82 Resp: 320690
 Ion Ratio Lower Upper
 82 100
 128 36.5 29.7 44.5
 54 53.3 43.1 64.7



#31
 Naphthalene
 Concen: 3.596 ng
 RT: 11.80 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BG033540.D
 Acq: 4 Apr 2018 1:58

Tgt Ion: 128 Resp: 24913
 Ion Ratio Lower Upper
 128 100
 129 6.7 8.6 12.8#
 127 17.5 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BG033540.D

Acq: 4 Apr 2018 1:58

Instrument :

BNA_G

ClientSampleId :

RT0613

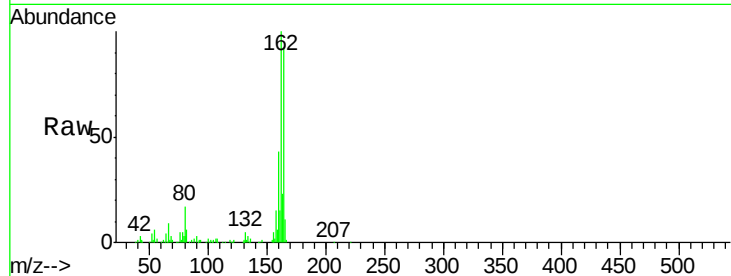
Tot Ion:164 Resp: 111699

Ion Ratio Lower Upper

164 100

162 108.2 78.8 118.2

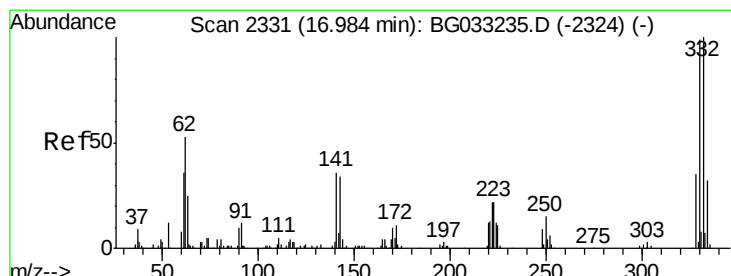
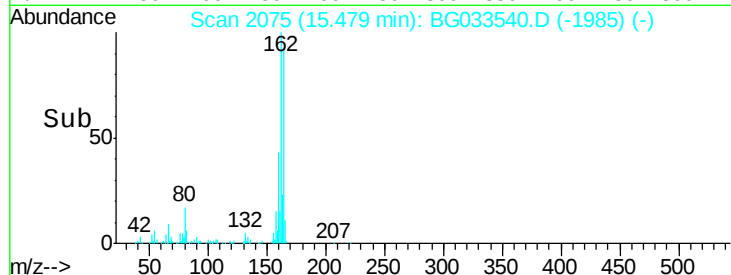
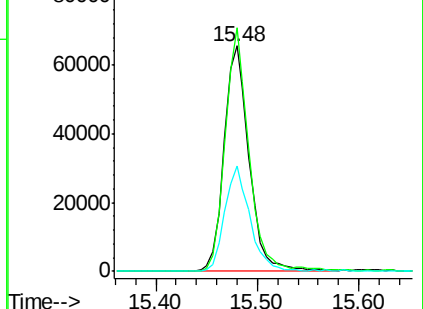
160 46.9 35.4 53.0



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: 155.602 ng

RT: 16.95 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BG033540.D

Acq: 4 Apr 2018 1:58

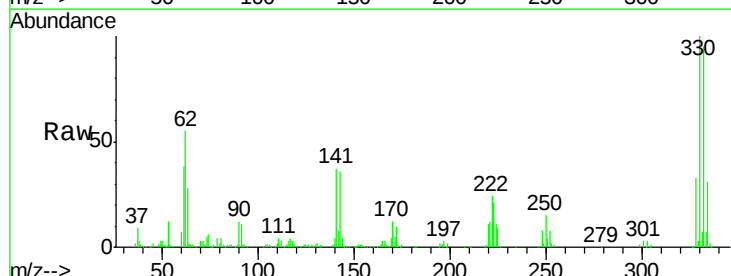
Tgt Ion:330 Resp: 259947

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

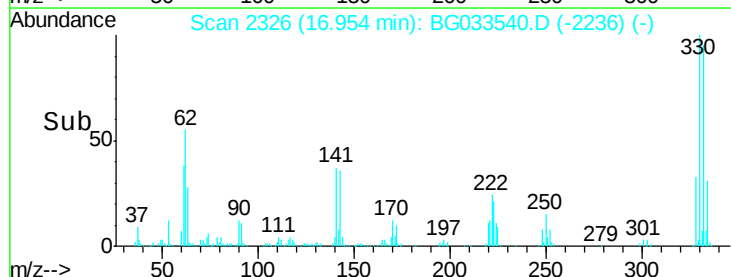
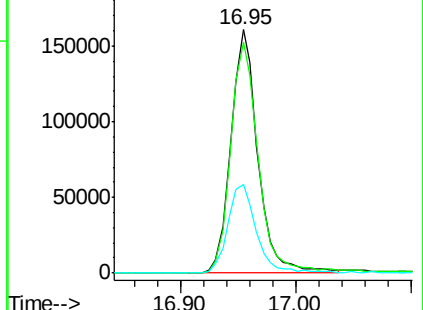
141 38.7 25.2 37.8#

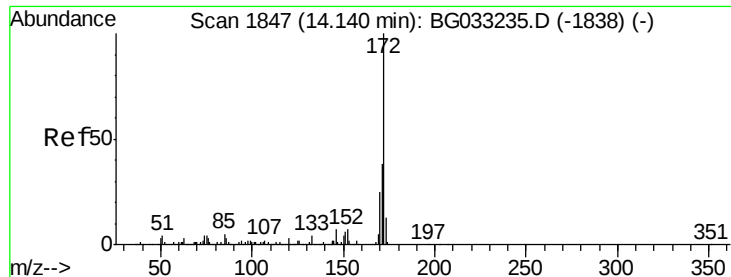


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

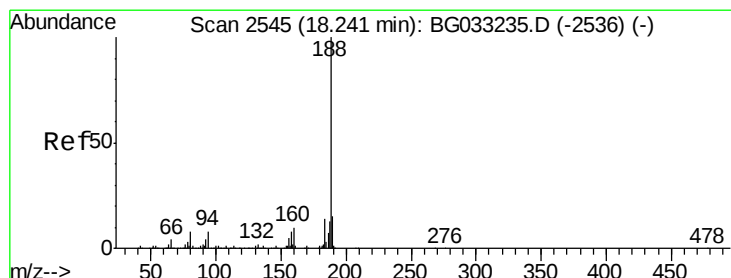
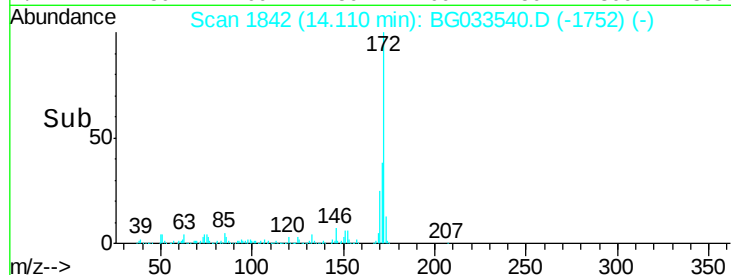
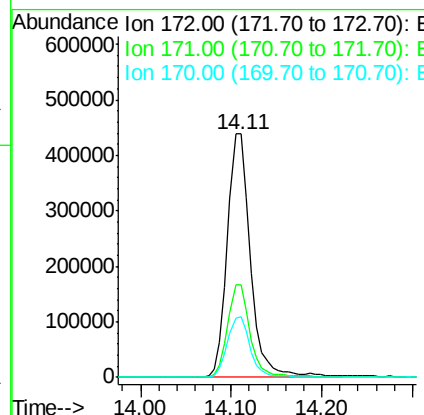
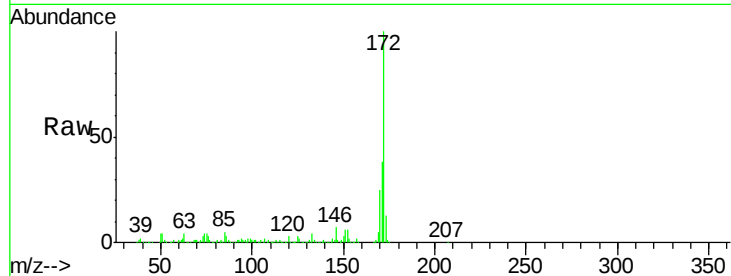




#44
 2-Fluorobiphenyl
 Concen: 101.078 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033540.D
 Acq: 4 Apr 2018 1:58

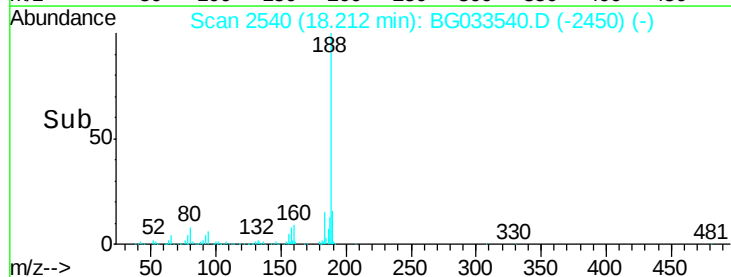
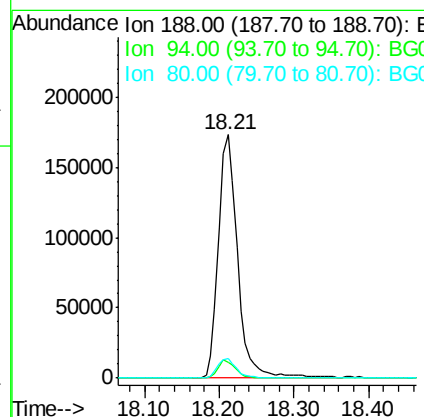
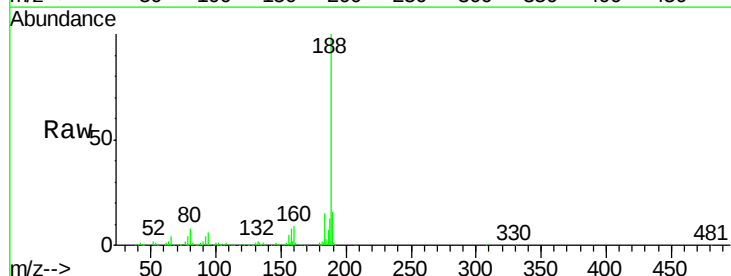
Instrument :
 BNA_G
 ClientSampleId :
 RT0613

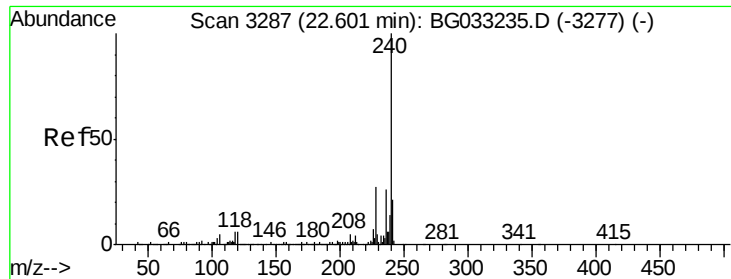
Tot Ion:172 Resp: 782078
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 24.9 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. 0.00 min
 Lab File: BG033540.D
 Acq: 4 Apr 2018 1:58

Tgt Ion:188 Resp: 310689
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 8.0 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.01 min

Lab File: BG033540.D

Acq: 4 Apr 2018 1:58

Instrument :

BNA_G

ClientSampleId :

RT0613

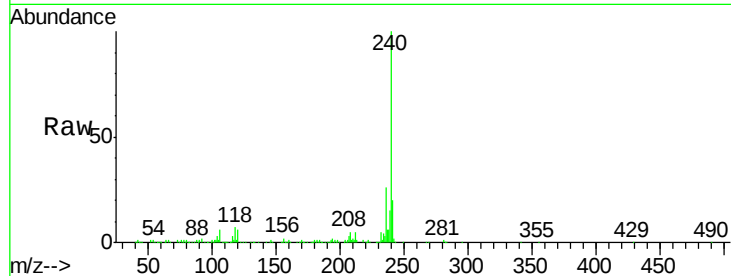
Tot Ion:240 Resp: 325205

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

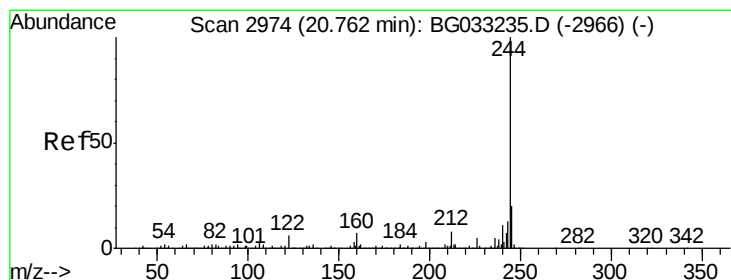
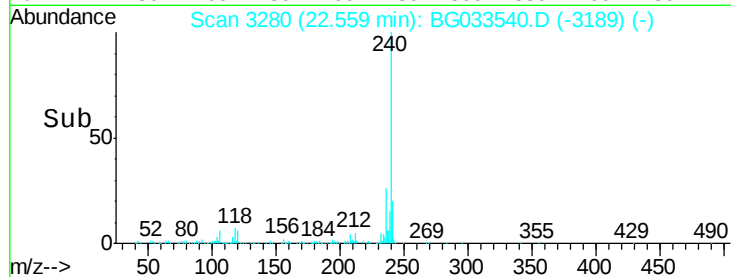
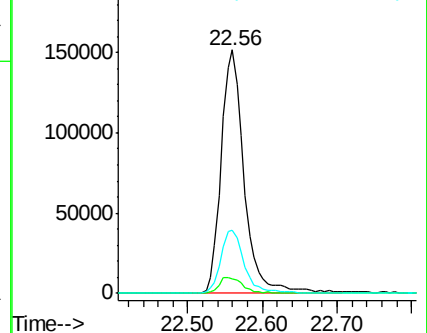
236 26.2 20.9 31.3



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



#78

Terphenyl-d14

Concen: 105.797 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033540.D

Acq: 4 Apr 2018 1:58

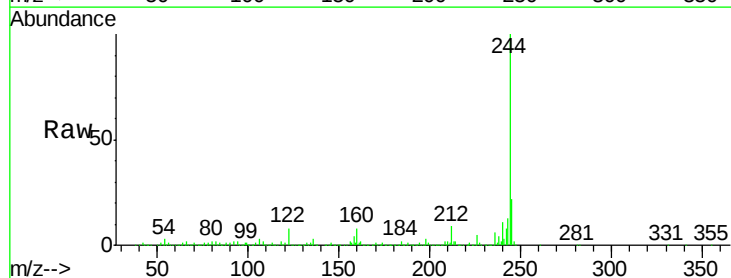
Tgt Ion:244 Resp: 1608787

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

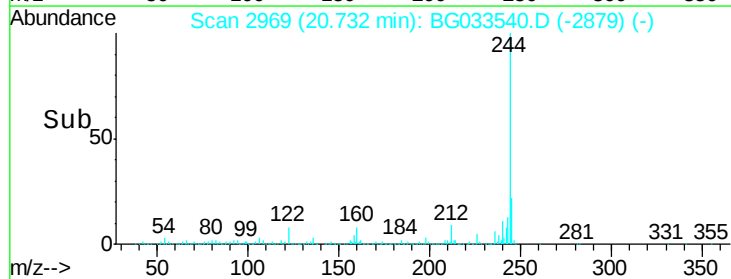
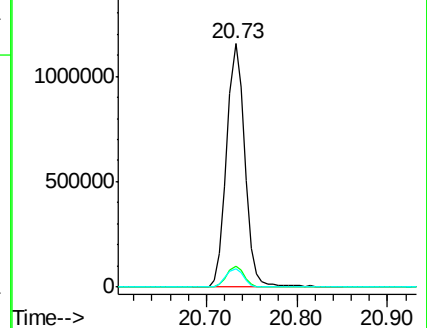
122 7.5 7.0 10.4

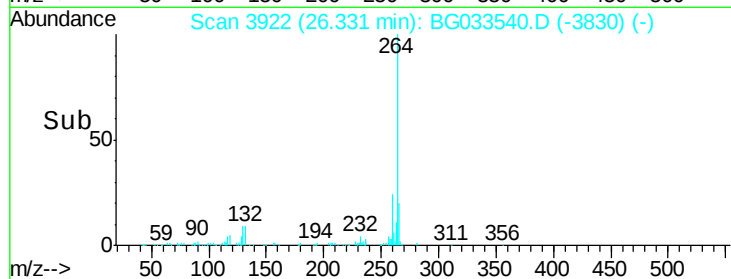
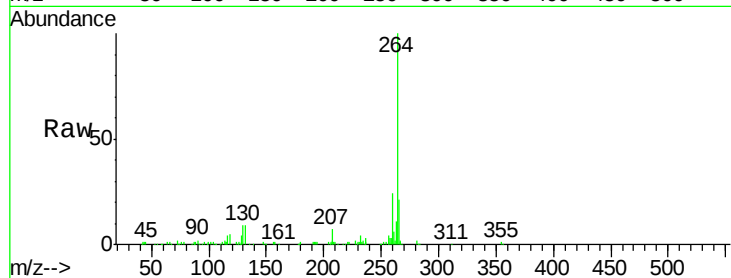
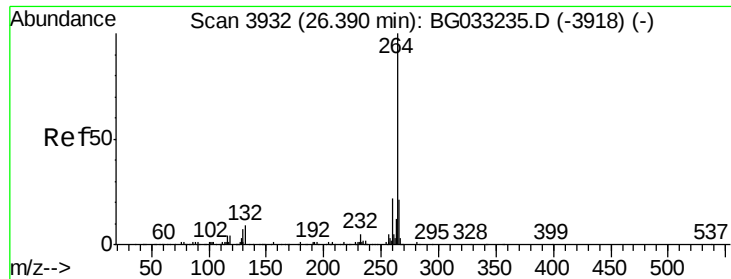


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.33 min Scan# 3922

Delta R.T. 0.01 min

Lab File: BG033540.D

Acq: 4 Apr 2018 1:58

Instrument :

BNA_G

ClientSampleId :

RT0613

Tot Ion: 264 Resp: 292781

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.7 17.7 26.5

