

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033480.D
 Acq On : 2 Apr 2018 10:38
 Operator : SJ/JU
 Sample : J2072-02RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB1RE

Quant Time: Apr 03 04:03:04 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

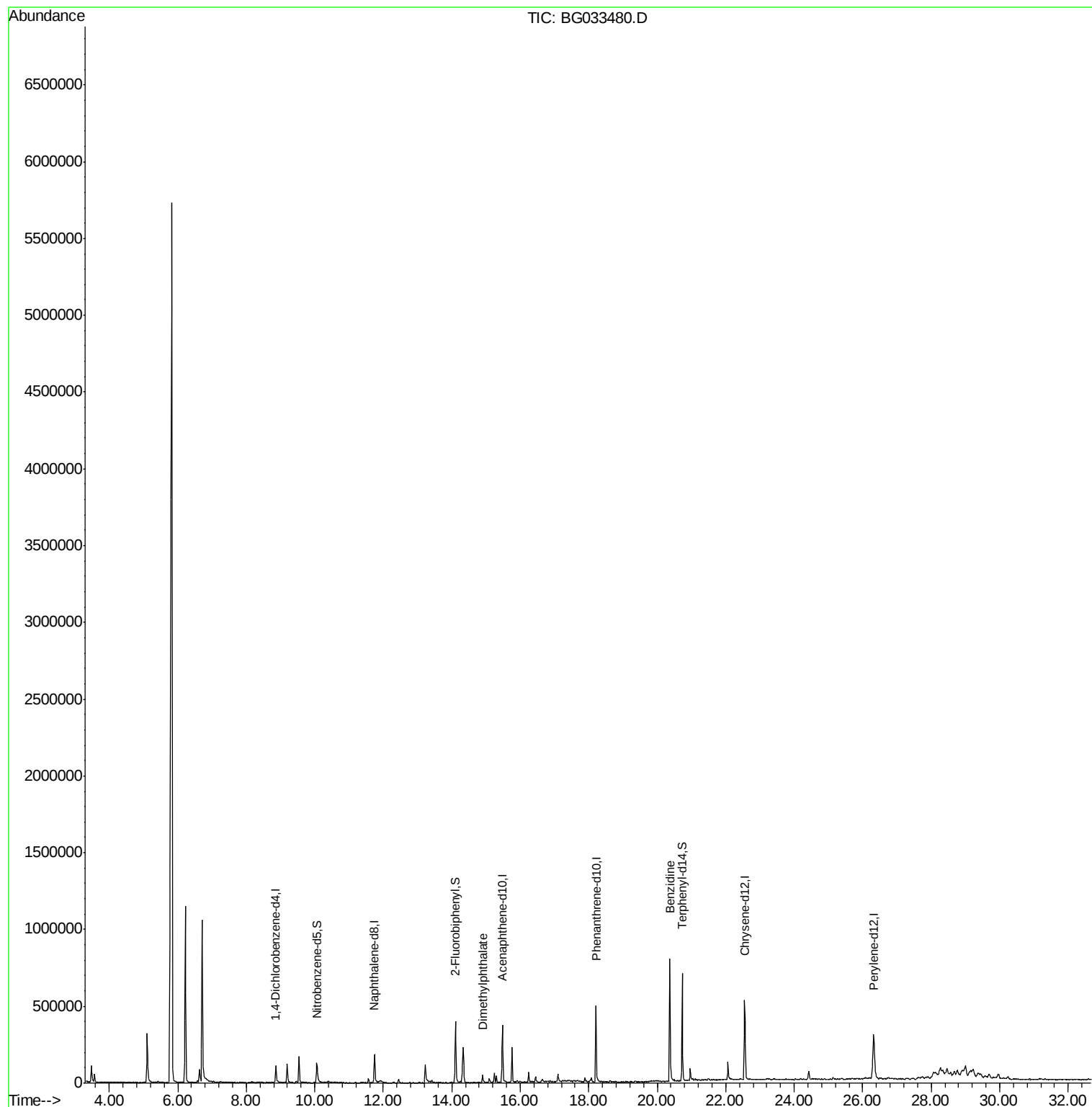
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	40706	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	181077	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	136886	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	369412	20.00	ng	0.00
75) Chrysene-d12	22.55	240	385294	20.00	ng	0.00
86) Perylene-d12	26.32	264	402716	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.79	99	55	0.01	ng	-0.19
23) Nitrobenzene-d5	10.06	82	105084	26.66	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	14.11	172	241518	25.47	ng	0.00
78) Terphenyl-d14	20.73	244	365249	20.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	32119	2.696	ng	98
76) Benzidine	20.37	184	493427	47.224	ng	98

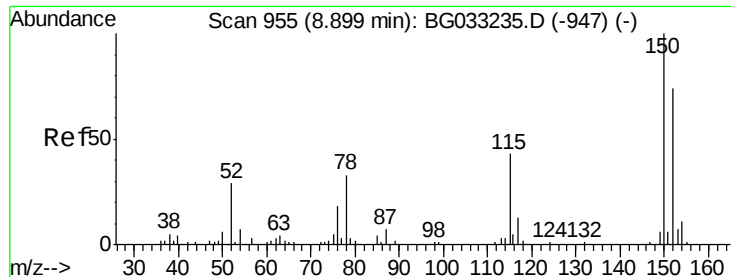
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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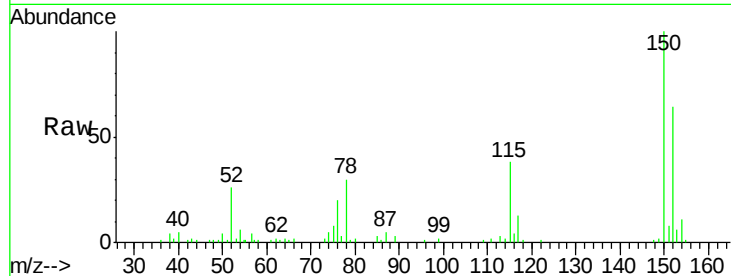


#1

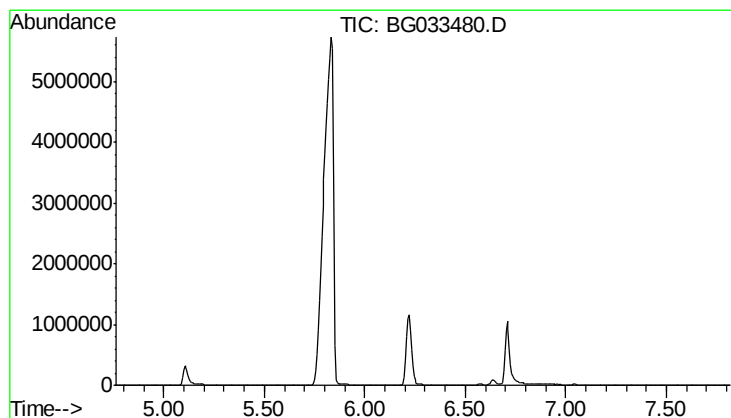
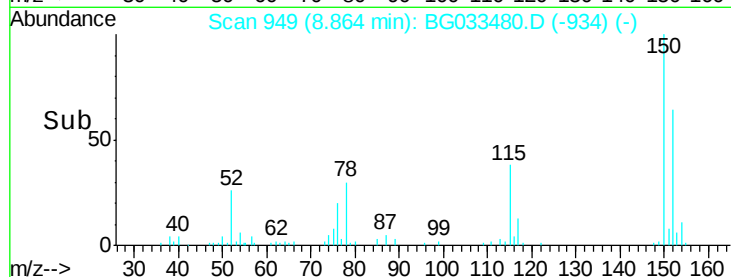
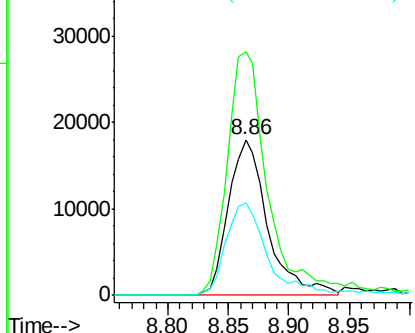
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033480.D
 Acq: 2 Apr 2018 10:38

Instrument :
 BNA_G
 ClientSampleId :
 C0AB1RE

Tot Ion:152 Resp: 40706
 Ion Ratio Lower Upper
 152 100
 150 156.4 126.6 189.8
 115 59.3 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

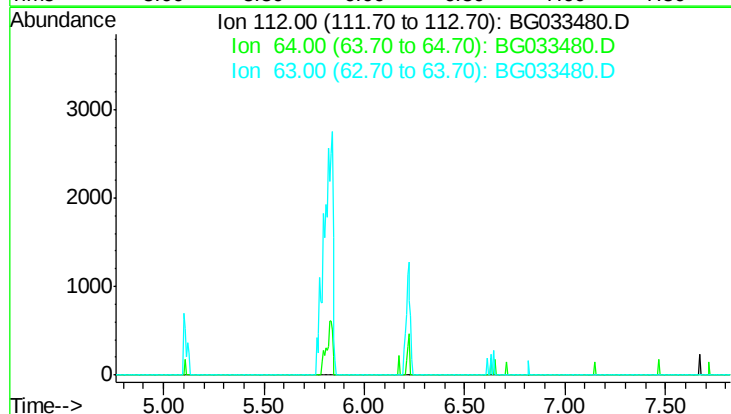


#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 6.29 min

Lab File: BG033480.D
 Acq: 2 Apr 2018 10:38

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 70.4
 63 37.6





#7

Phenol-d6

Concen: 0.015 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.19 min

Lab File: BG033480.D

Acq: 2 Apr 2018 10:38

Instrument :

BNA_G

ClientSampleId :

C0AB1RE

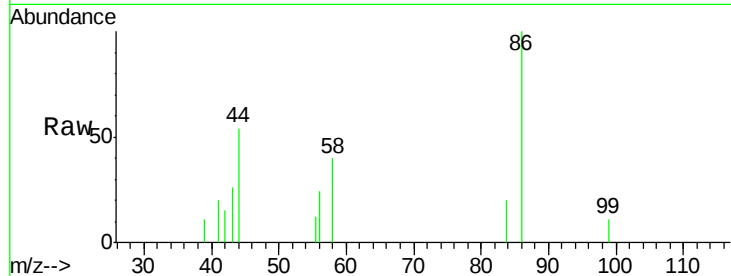
Tot Ion: 99 Resp: 55

Ion Ratio Lower Upper

99 100

42 137.8 14.1 21.1#

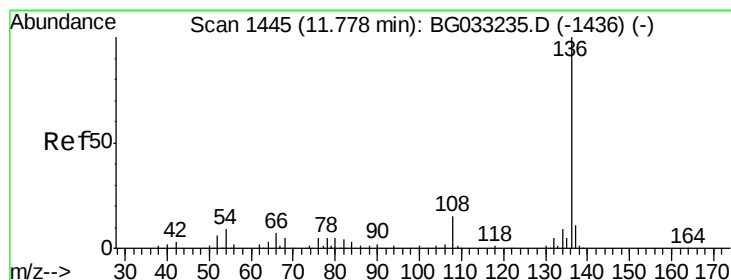
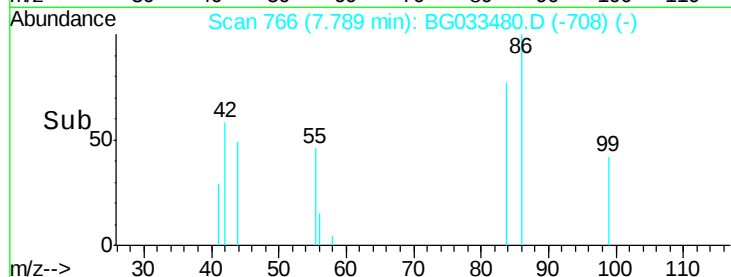
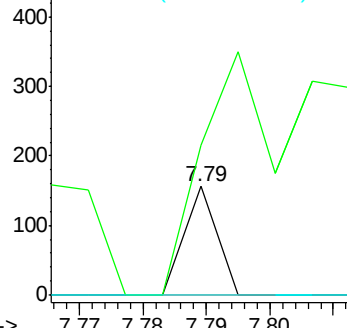
71 0.0 26.1 39.1#



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. -0.01 min

Lab File: BG033480.D

Acq: 2 Apr 2018 10:38

Tgt Ion: 136 Resp: 181077

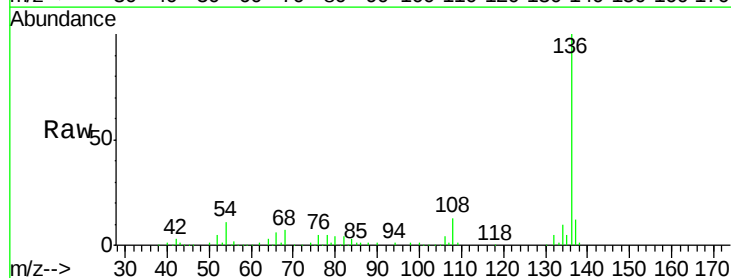
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 10.5 10.3 15.5

68 6.6 4.5 6.7

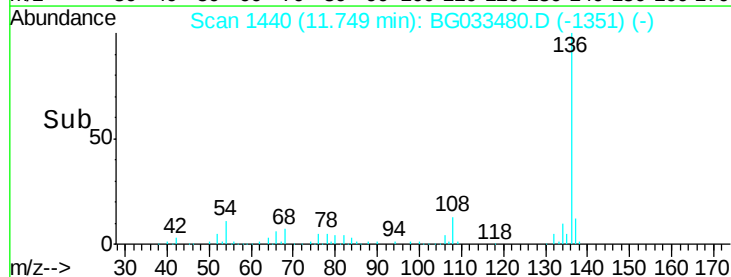
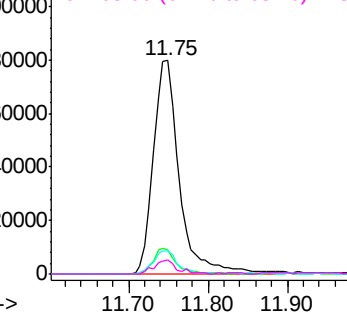


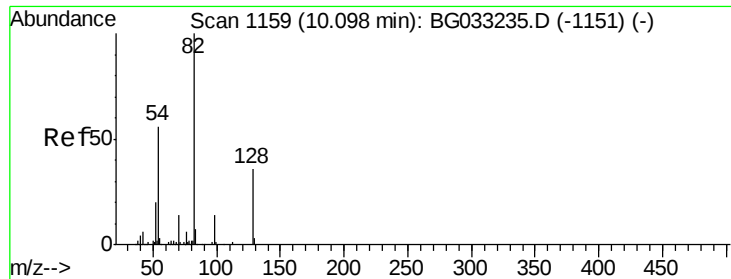
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 26.663 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033480.D

Acq: 2 Apr 2018 10:38

Instrument :

BNA_G

ClientSampleId :

C0AB1RE

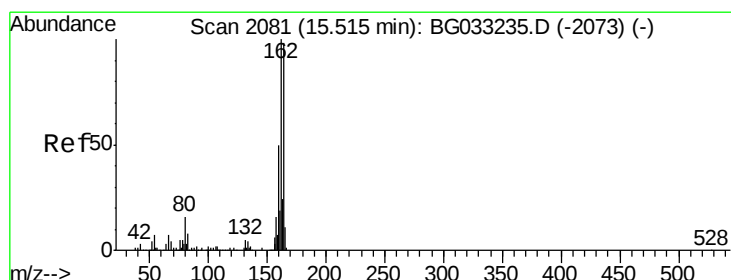
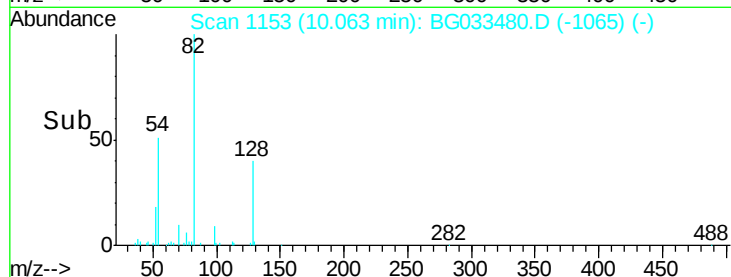
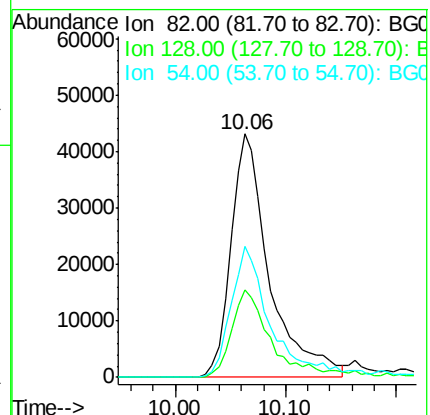
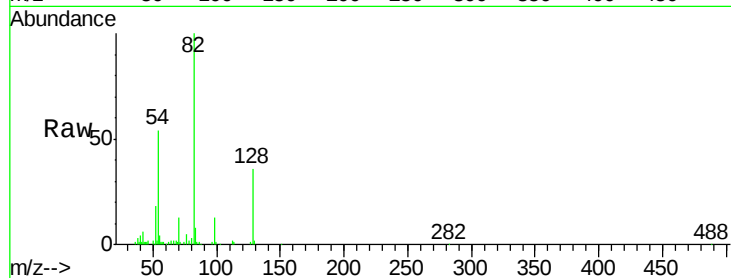
Tot Ion: 82 Resp: 105084

Ion Ratio Lower Upper

82 100

128 36.0 29.7 44.5

54 53.8 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: BG033480.D

Acq: 2 Apr 2018 10:38

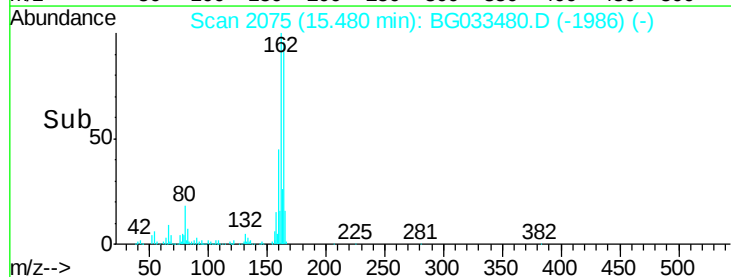
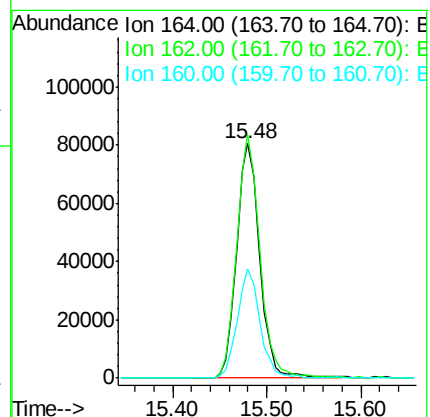
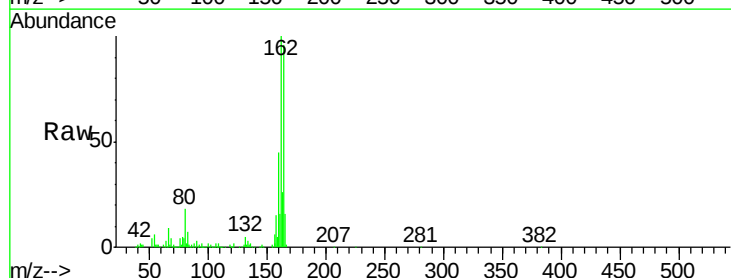
Tgt Ion: 164 Resp: 136886

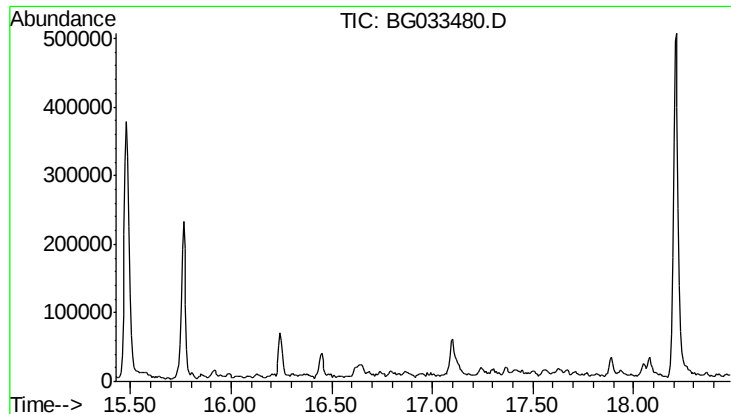
Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

160 46.6 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.96 min

Lab File: BG033480.D

Acq: 2 Apr 2018 10:38

Instrument :

BNA_G

ClientSampleId :

C0AB1RE

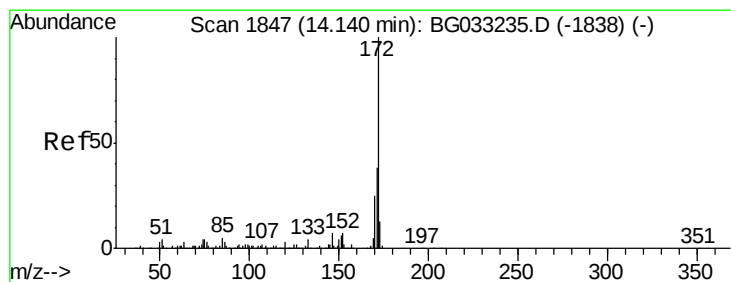
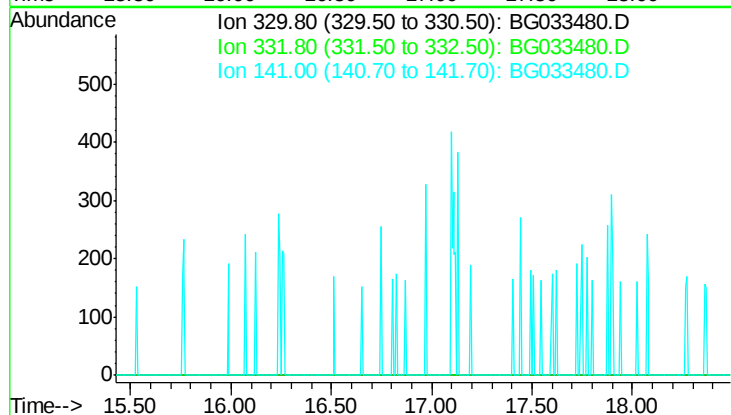
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.3

141 31.5



#44

2-Fluorobiphenyl

Concen: 25.471 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG033480.D

Acq: 2 Apr 2018 10:38

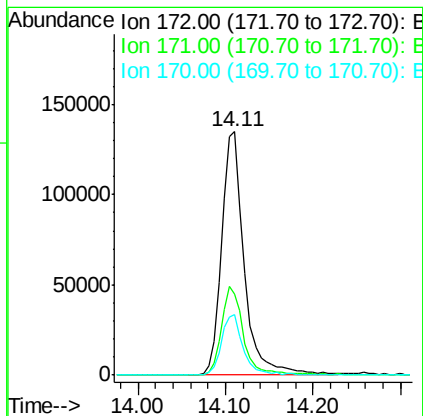
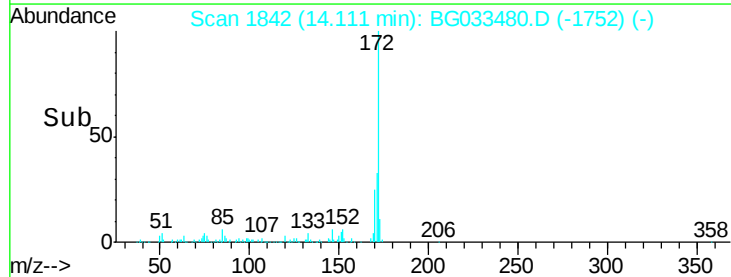
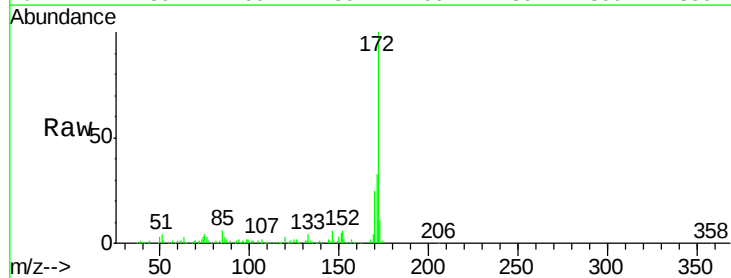
Tgt Ion:172 Resp: 241518

Ion Ratio Lower Upper

172 100

171 33.1 30.0 45.0

170 24.8 19.5 29.3





#49

Dimethylphthalate

Concen: 2.696 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033480.D

Acq: 2 Apr 2018 10:38

Instrument :

BNA_G

ClientSampleId :

C0AB1RE

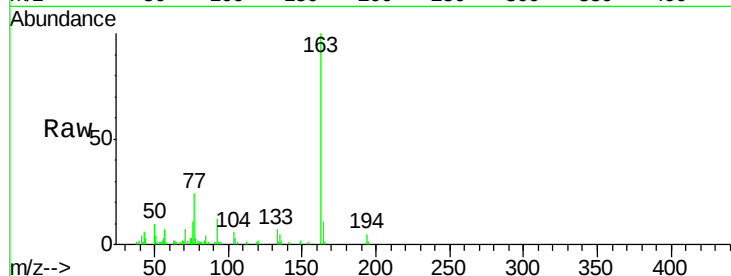
Tot Ion:163 Resp: 32119

Ion Ratio Lower Upper

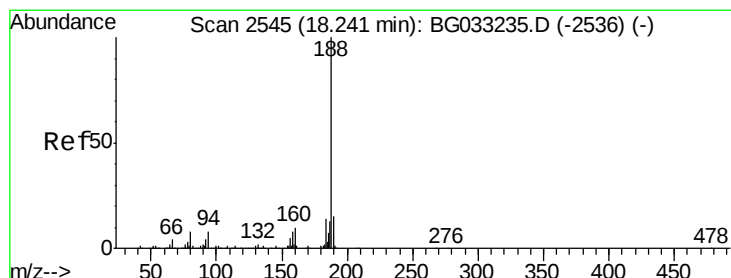
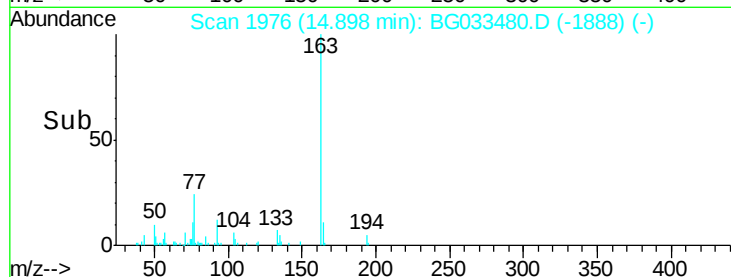
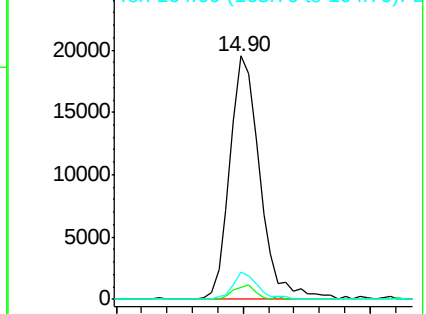
163 100

194 4.9 3.4 5.2

164 11.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033480.D

Acq: 2 Apr 2018 10:38

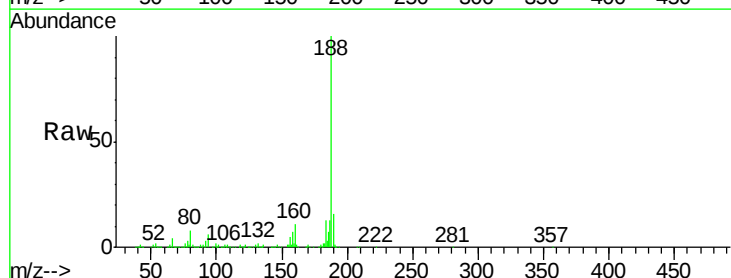
Tgt Ion:188 Resp: 369412

Ion Ratio Lower Upper

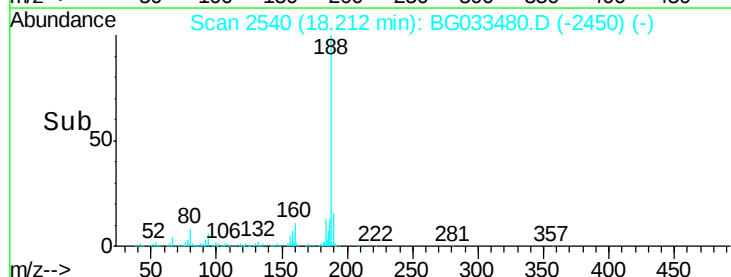
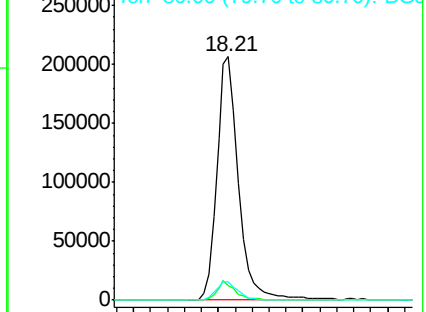
188 100

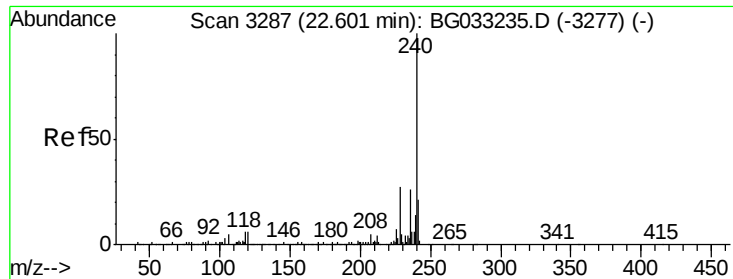
94 6.1 6.9 10.3#

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033480.D

Acq: 2 Apr 2018 10:38

Instrument :

BNA_G

ClientSampleId :

C0AB1RE

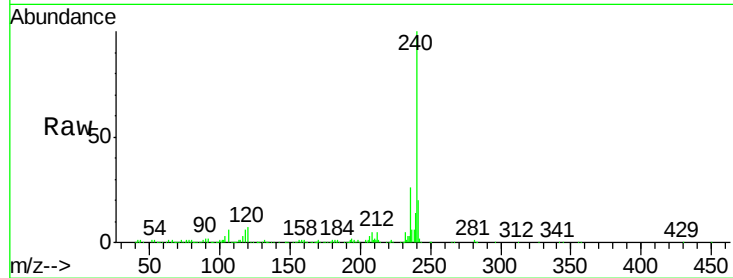
Tot Ion:240 Resp: 385294

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

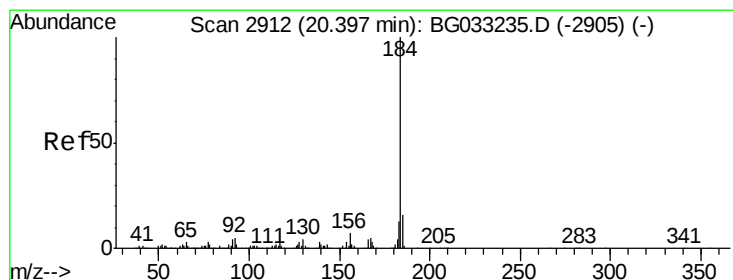
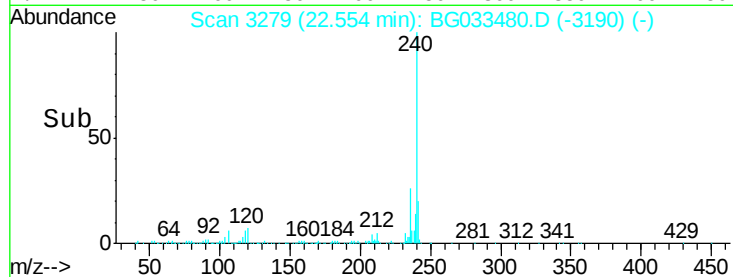
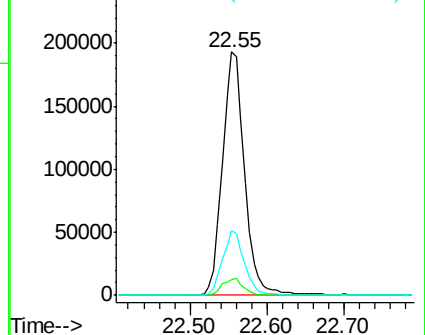
236 26.2 20.9 31.3



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



#76

Benzidine

Concen: 47.224 ng

RT: 20.37 min Scan# 2907

Delta R.T. -0.00 min

Lab File: BG033480.D

Acq: 2 Apr 2018 10:38

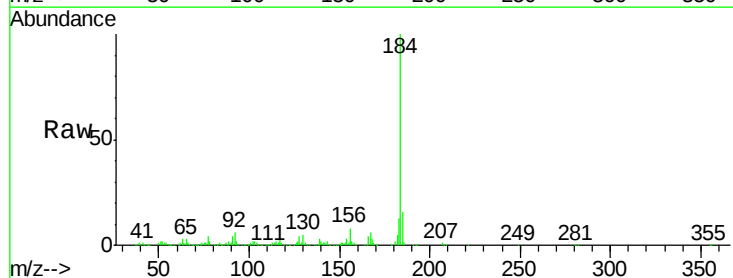
Tgt Ion:184 Resp: 493427

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

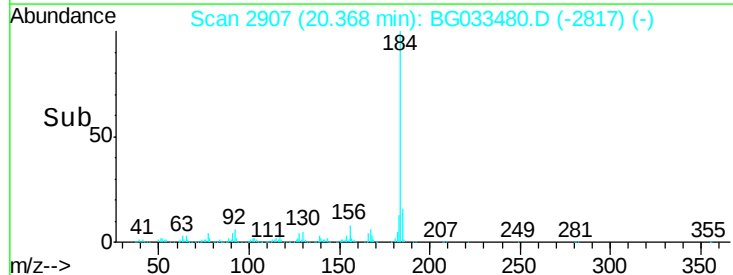
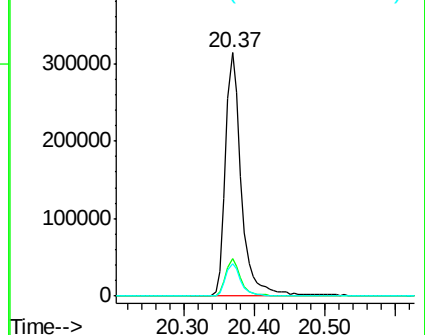
183 13.2 10.6 16.0

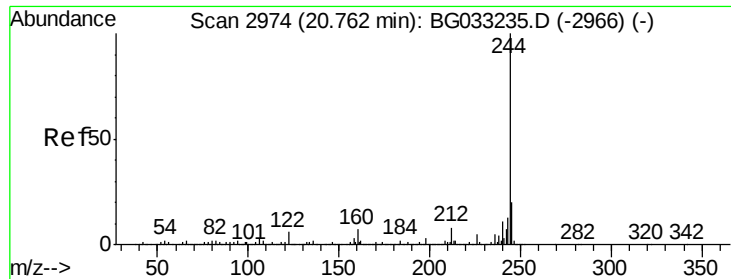


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 20.273 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033480.D

Acq: 2 Apr 2018 10:38

Instrument :

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C0AB1RE

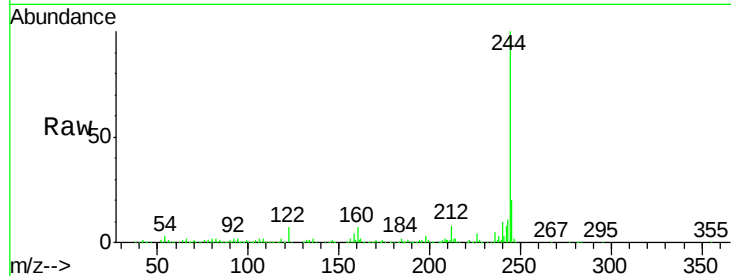
Tot Ion:244 Resp: 365249

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

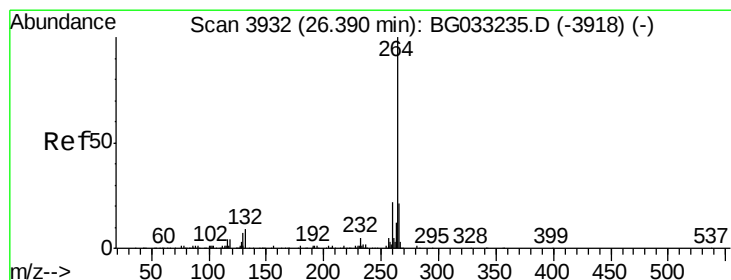
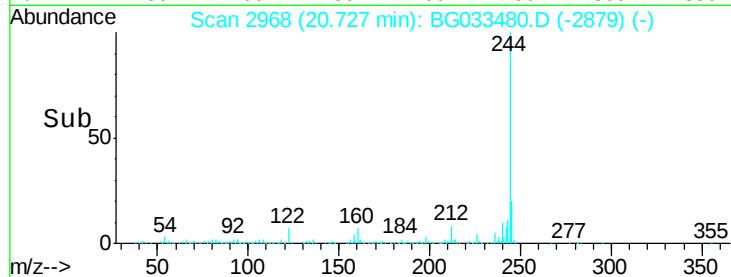
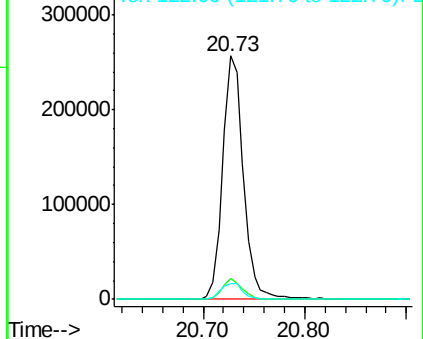
122 6.5 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. -0.01 min

Lab File: BG033480.D

Acq: 2 Apr 2018 10:38

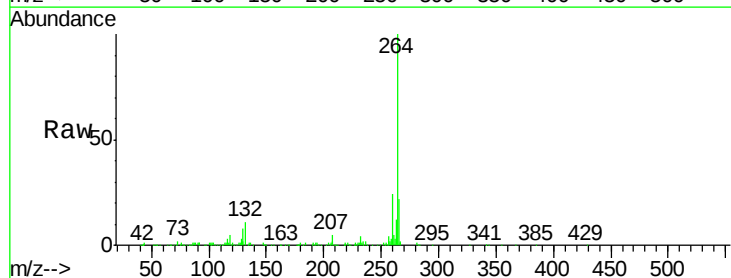
Tgt Ion:264 Resp: 402716

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.5 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

