

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033212.D
 Acq On : 16 Mar 2018 23:03
 Operator : SJ/JU
 Sample : PB107389TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107389TB

Quant Time: Mar 17 05:55:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	41185	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	155154	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	110258	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	296691	20.00	ng	0.00
75) Chrysene-d12	22.60	240	312875	20.00	ng	-0.01
86) Perylene-d12	26.40	264	332724	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	325615	126.49	ng	0.00
7) Phenol-d6	8.00	99	470903	131.24	ng	0.00
23) Nitrobenzene-d5	10.09	82	298926	128.02	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	198945	171.60	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	692185	90.54	ng	0.00
78) Terphenyl-d14	20.76	244	1293797	92.91	ng	0.00

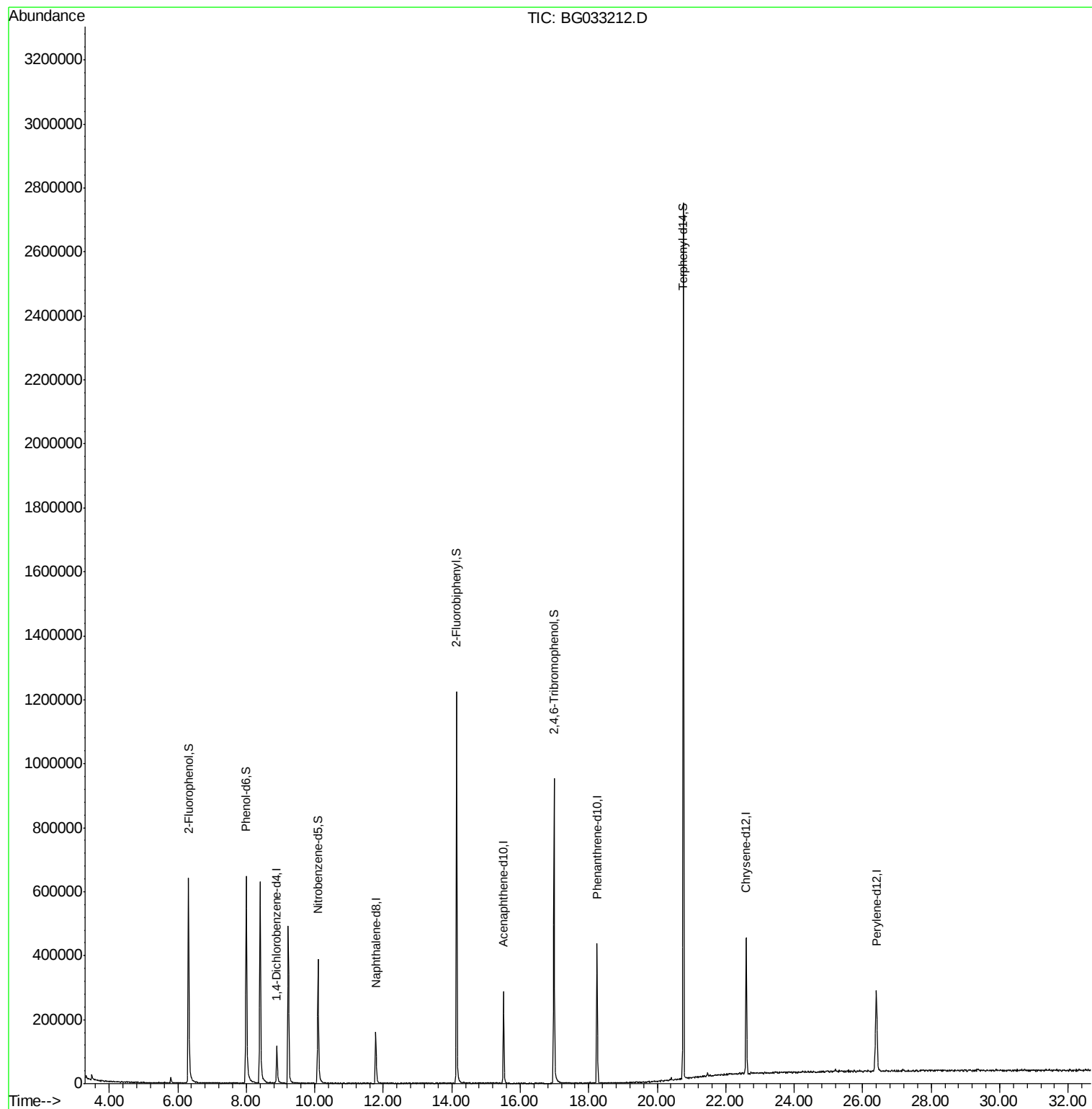
Target Compounds Qvalue

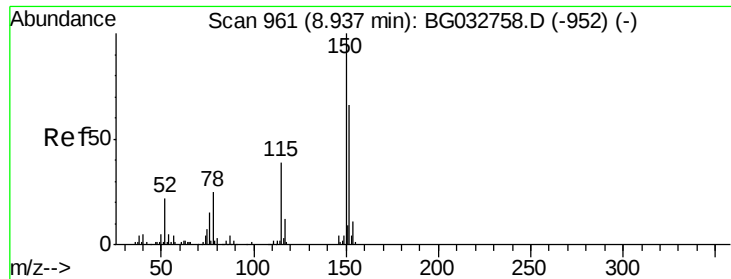
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

Instrument :

BNA_G

ClientSampleId :

PB107389TB

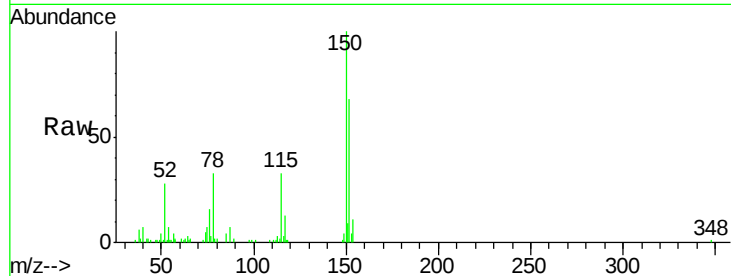
Tot Ion:152 Resp: 41185

Ion Ratio Lower Upper

152 100

150 147.1 126.6 189.8

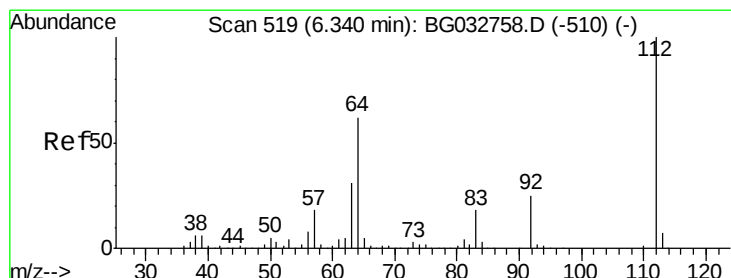
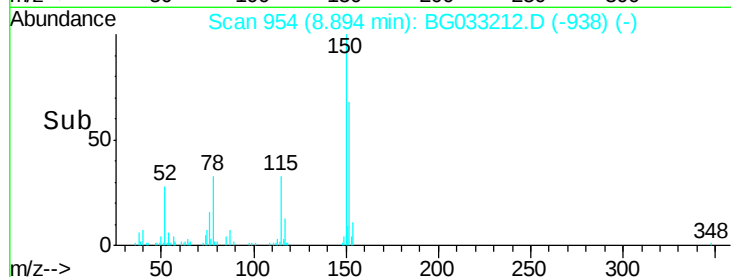
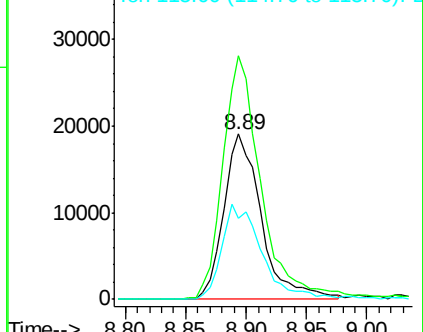
115 49.3 53.0 79.4#



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: 126.487 ng

RT: 6.31 min Scan# 515

Delta R.T. -0.00 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

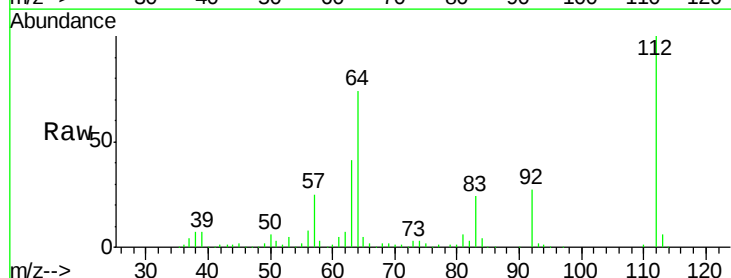
Tgt Ion:112 Resp: 325615

Ion Ratio Lower Upper

112 100

64 74.4 56.3 84.5

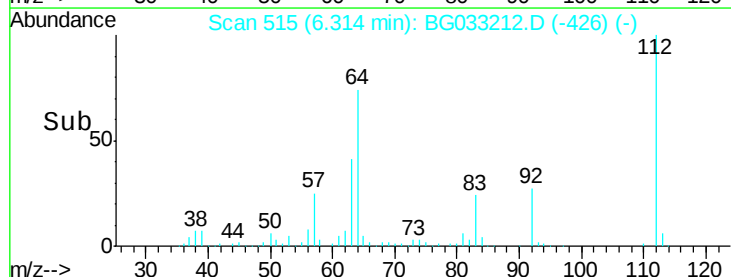
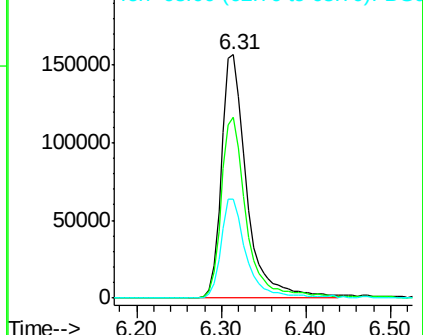
63 40.5 30.1 45.1

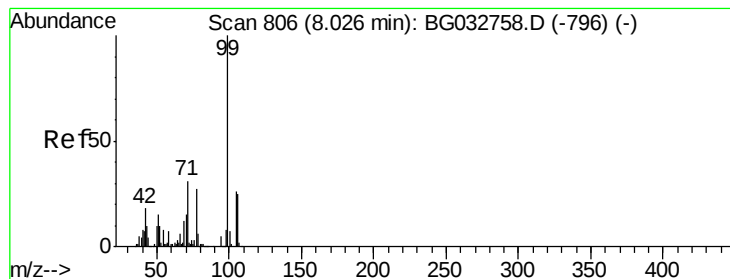


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.236 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

Instrument :

BNA_G

ClientSampled :

PB107389TB

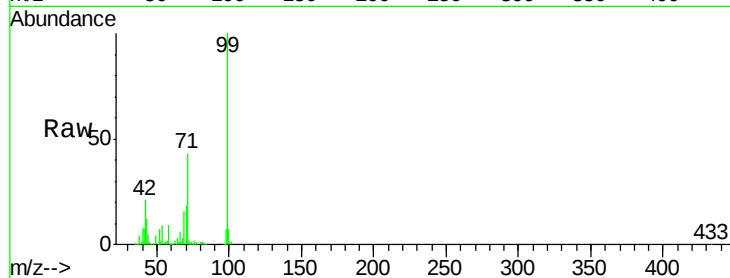
Tot Ion: 99 Resp: 470903

Ion Ratio Lower Upper

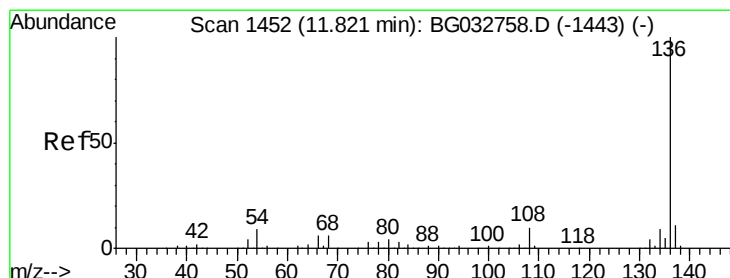
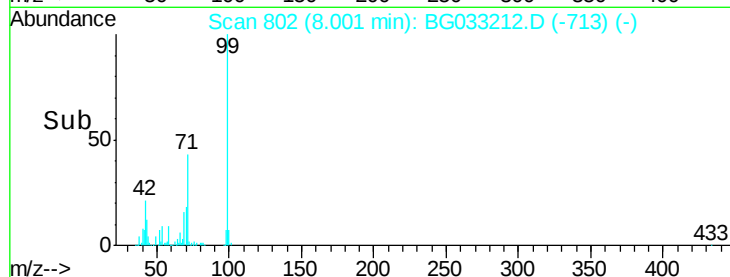
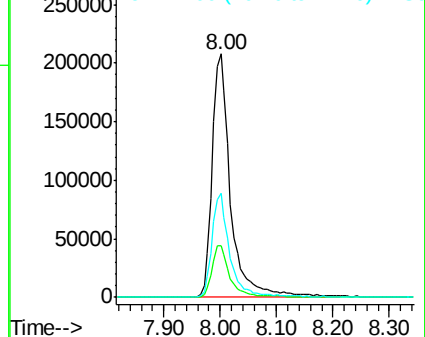
99 100

42 21.2 14.1 21.1#

71 42.6 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: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

Tgt Ion: 136 Resp: 155154

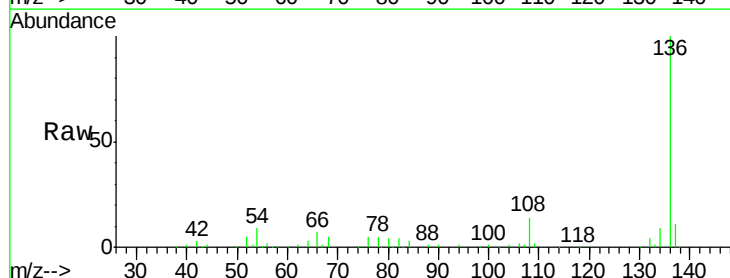
Ion Ratio Lower Upper

136 100

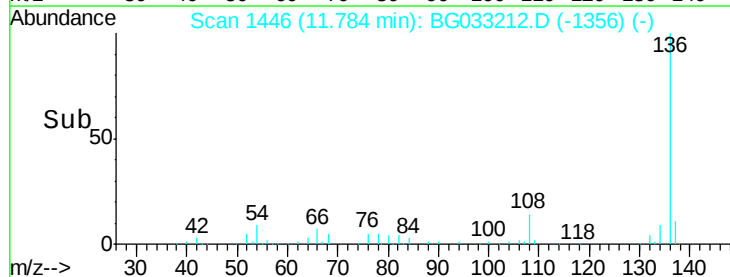
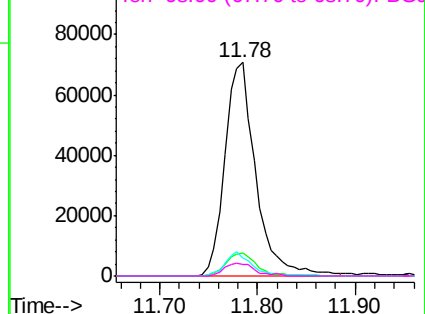
137 10.9 9.2 13.8

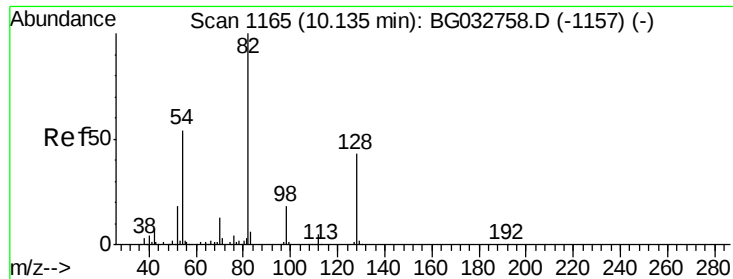
54 8.7 10.3 15.5#

68 5.3 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: 128.020 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

Instrument :

BNA_G

ClientSampleId :

PB107389TB

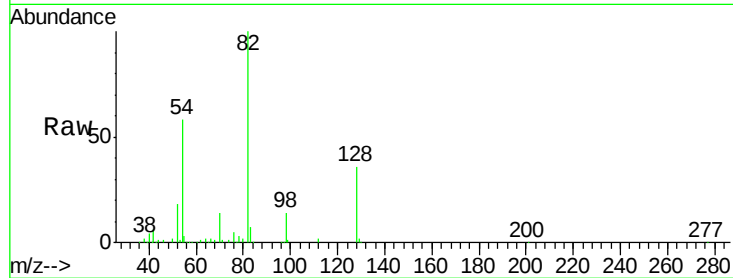
Tot Ion: 82 Resp: 298926

Ion Ratio Lower Upper

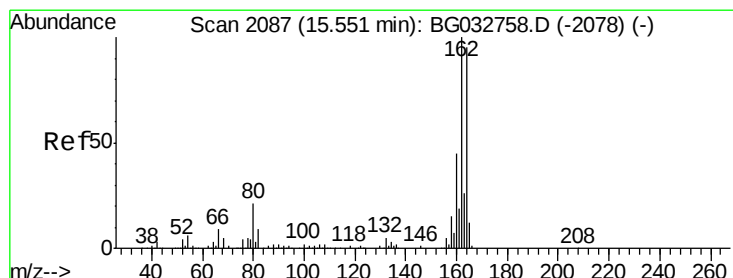
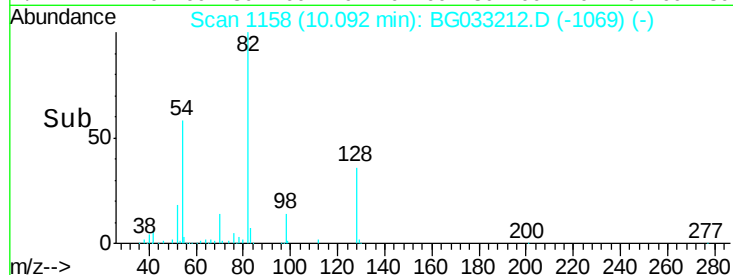
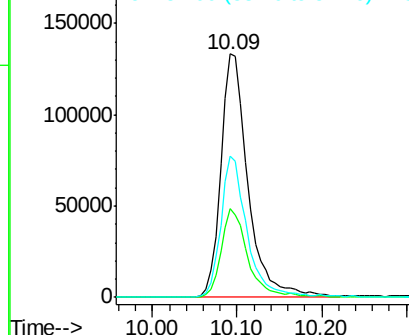
82 100

128 36.5 29.7 44.5

54 57.9 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: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

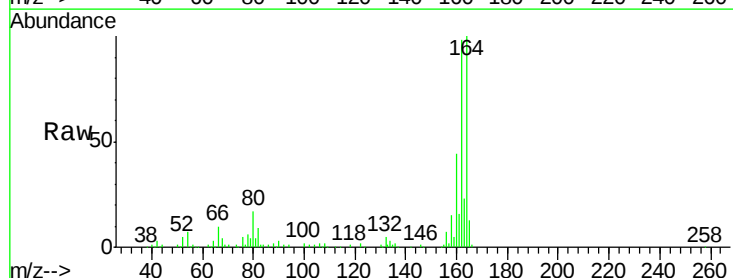
Tgt Ion:164 Resp: 110258

Ion Ratio Lower Upper

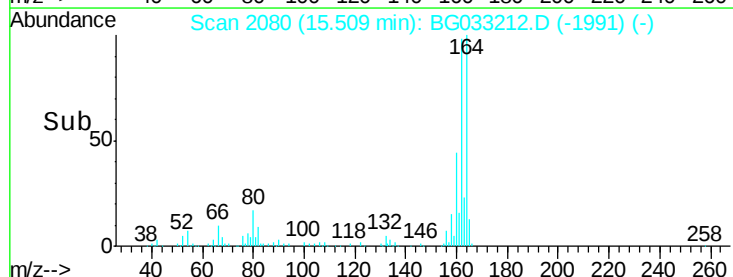
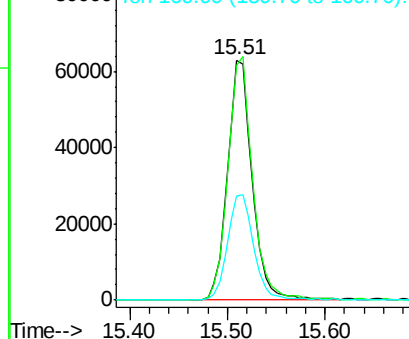
164 100

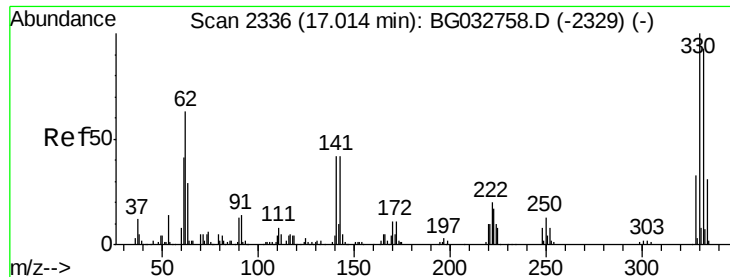
162 97.9 78.8 118.2

160 43.6 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: 171.604 ng

RT: 16.98 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

Instrument :

BNA_G

ClientSampleId :

PB107389TB

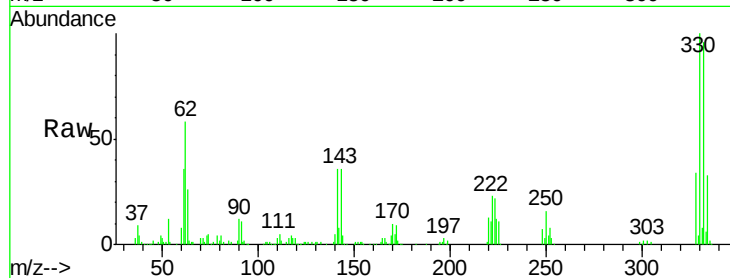
Tot Ion:330 Resp: 198945

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

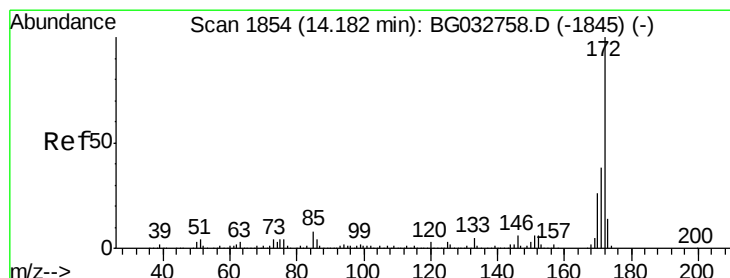
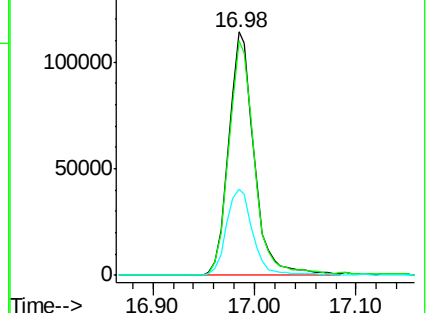
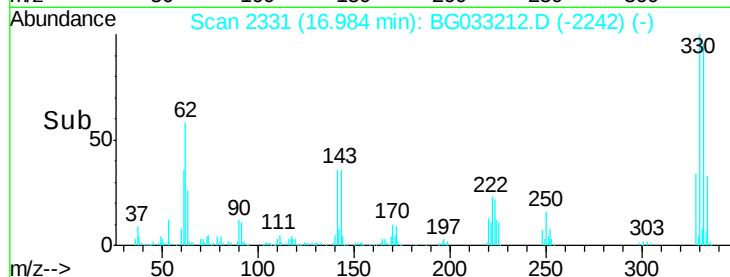
141 37.3 25.2 37.8



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: 90.543 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

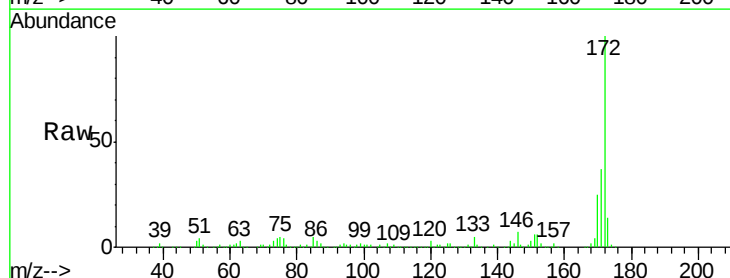
Tgt Ion:172 Resp: 692185

Ion Ratio Lower Upper

172 100

171 37.4 30.0 45.0

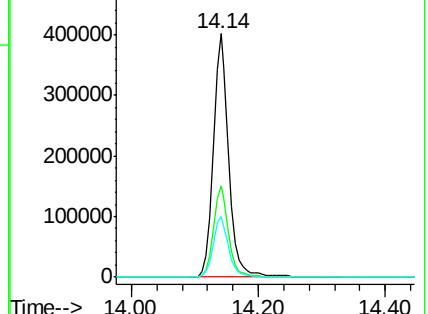
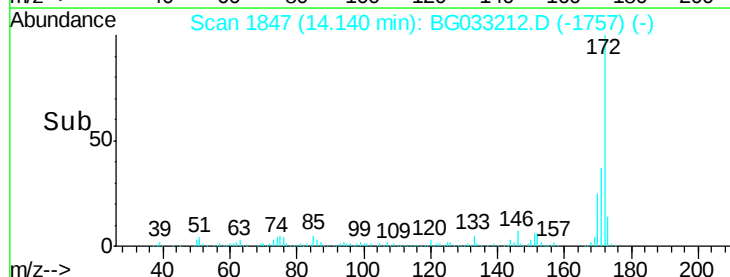
170 24.9 19.5 29.3

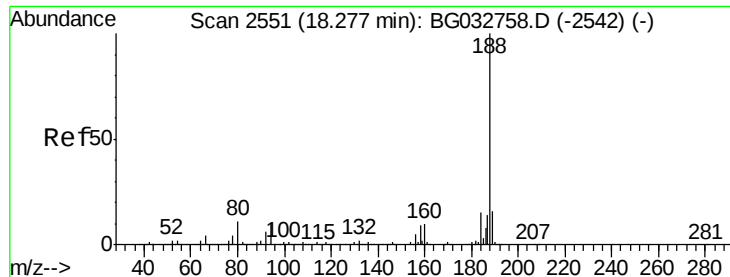


Abundance Ion 172.00 (171.70 to 172.70): E

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: 18.24 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

Instrument :

BNA_G

ClientSampleId :

PB107389TB

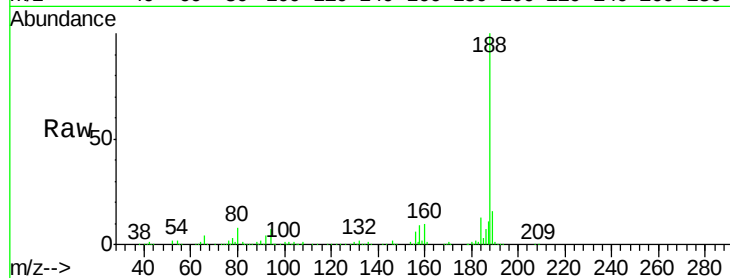
Tot Ion:188 Resp: 296691

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

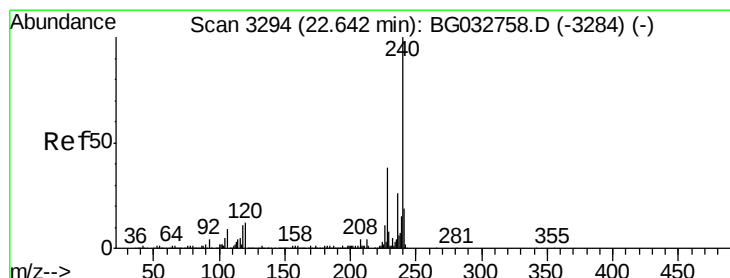
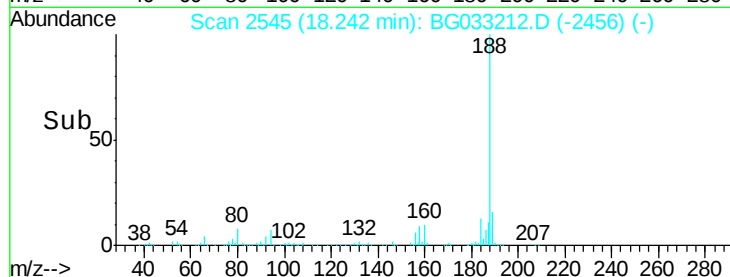
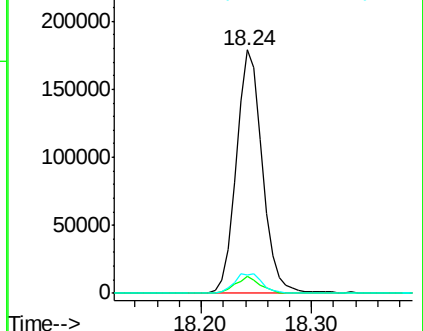
80 7.8 7.7 11.5



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: 22.60 min Scan# 3286

Delta R.T. -0.01 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

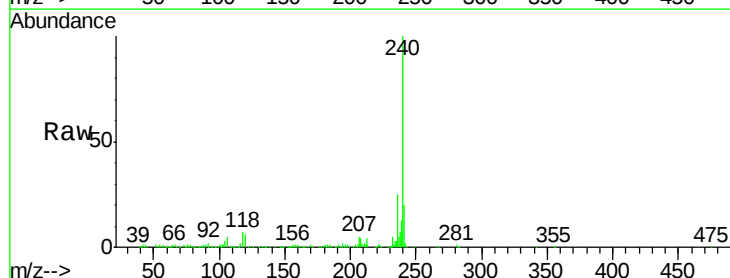
Tgt Ion:240 Resp: 312875

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

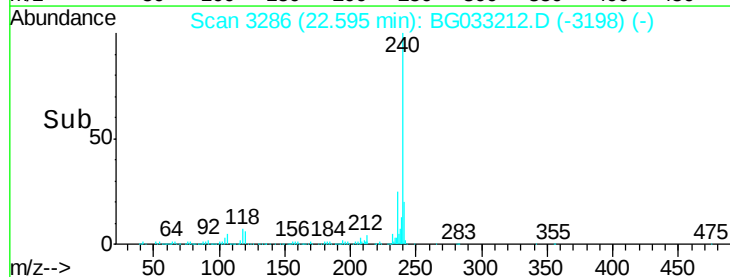
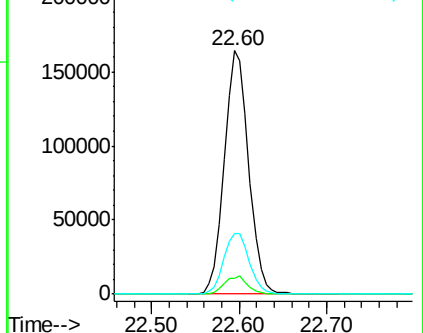
236 25.0 20.9 31.3

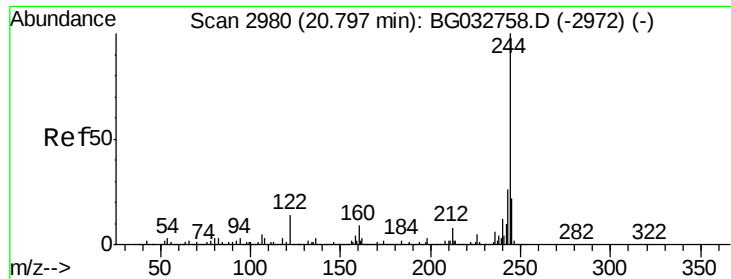


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.906 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

Instrument :

BNA_G

ClientSampleId :

PB107389TB

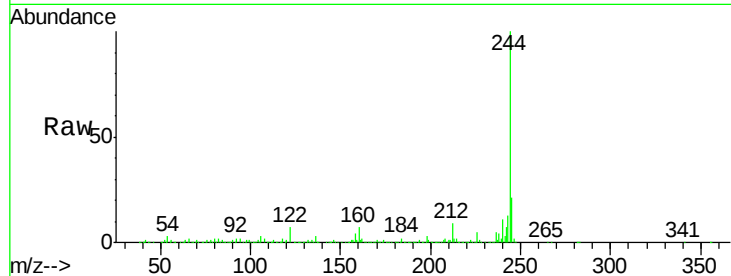
Tot Ion:244 Resp: 1293797

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

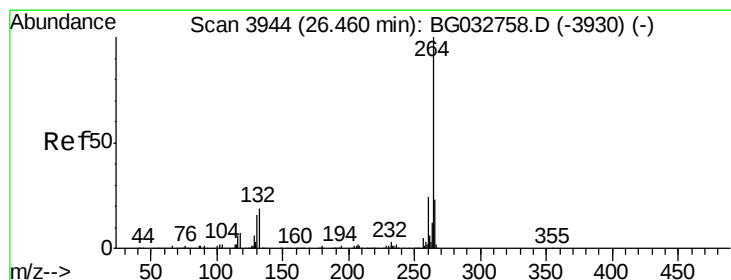
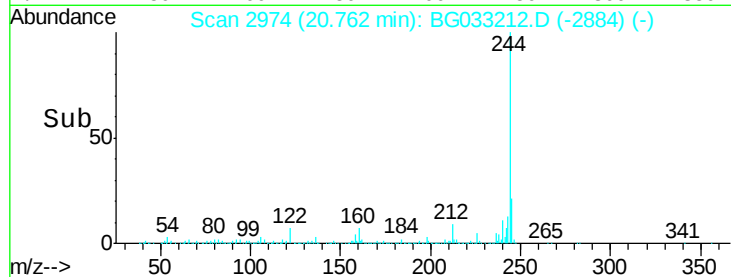
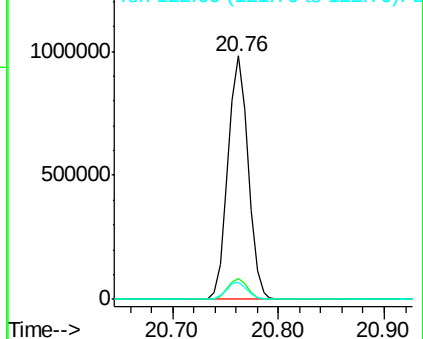
122 7.1 7.0 10.4



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: 26.40 min Scan# 3933

Delta R.T. -0.01 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

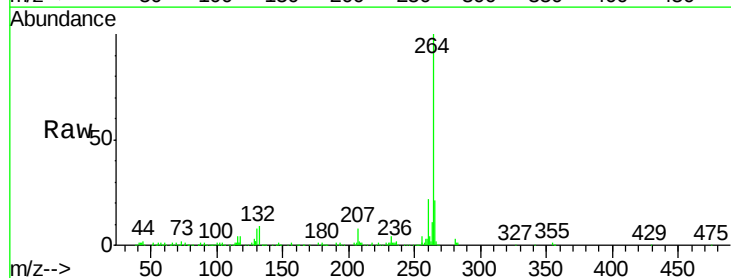
Tgt Ion:264 Resp: 332724

Ion Ratio Lower Upper

264 100

260 21.6 17.4 26.0

265 21.4 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

