

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033193.D
 Acq On : 16 Mar 2018 1:26
 Operator : SJ/JU
 Sample : PB107389BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107389BL

Quant Time: Mar 16 06:24:56 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	15957	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	65761	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	41208	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	179925	20.00	ng	0.00
75) Chrysene-d12	22.60	240	206009	20.00	ng	-0.01
86) Perylene-d12	26.40	264	226944	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	119583	119.89	ng	0.00
7) Phenol-d6	8.00	99	145622	104.75	ng	-0.01
23) Nitrobenzene-d5	10.10	82	90876	94.63	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	130515	301.22	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	262759	91.96	ng	0.00
78) Terphenyl-d14	20.76	244	828401	90.35	ng	0.00

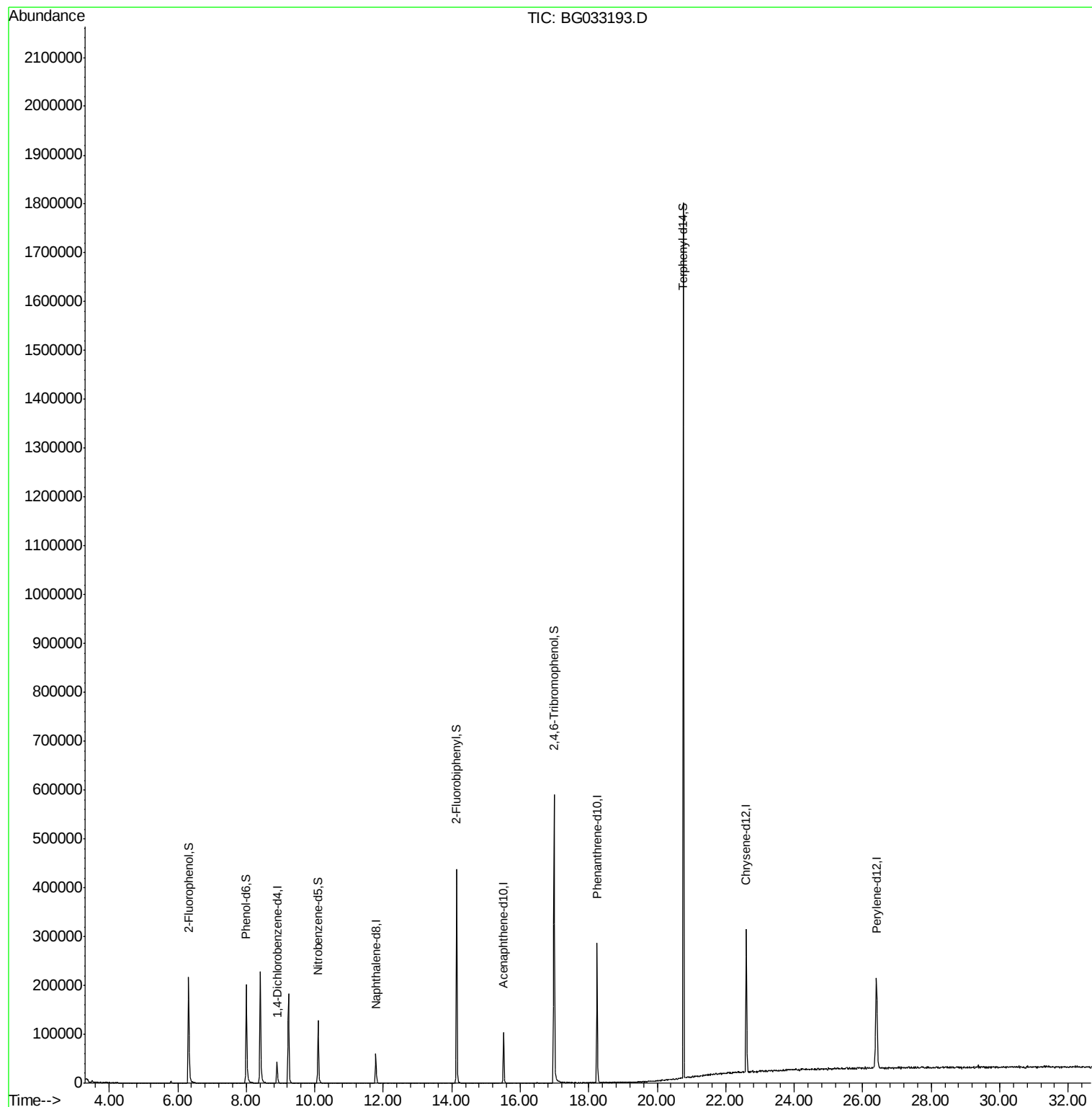
Target Compounds Qvalue

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

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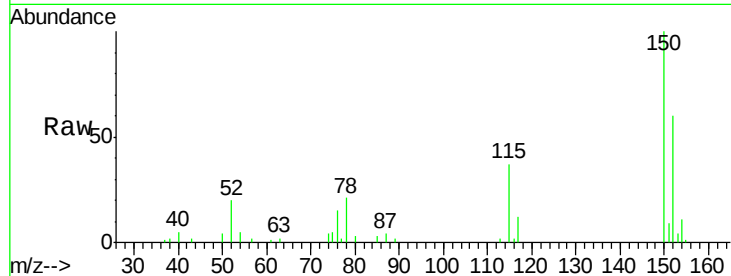


#1

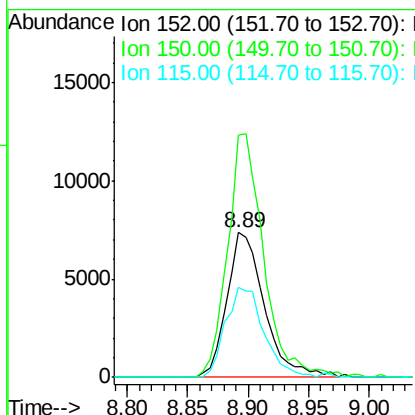
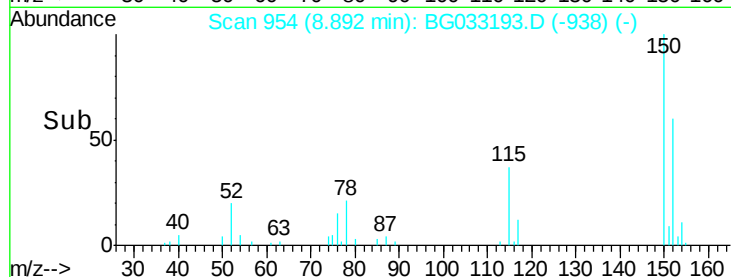
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033193.D
Acq: 16 Mar 2018 1:26

Instrument :
BNA_G
ClientSampleId :
PB107389BL

Tot Ion:152 Resp: 15957
Ion Ratio Lower Upper
152 100
150 167.1 126.6 189.8
115 62.4 53.0 79.4



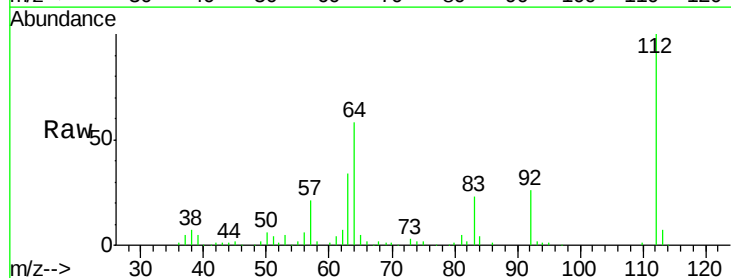
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



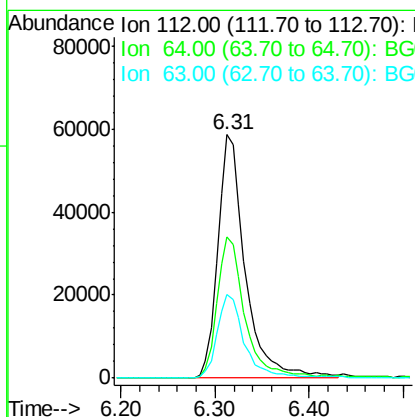
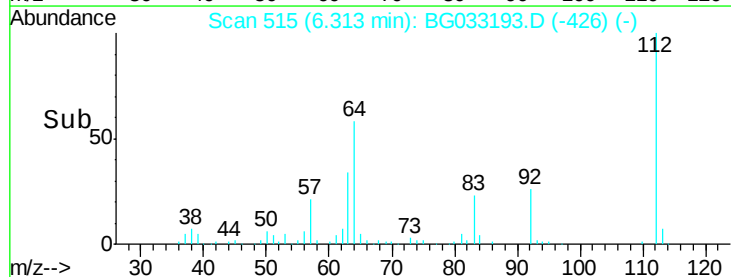
#5

2-Fluorophenol
Concen: 119.894 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.01 min
Lab File: BG033193.D
Acq: 16 Mar 2018 1:26

Tgt Ion:112 Resp: 119583
Ion Ratio Lower Upper
112 100
64 57.9 56.3 84.5
63 34.5 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: 104.746 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

Instrument :

BNA_G

ClientSampleId :

PB107389BL

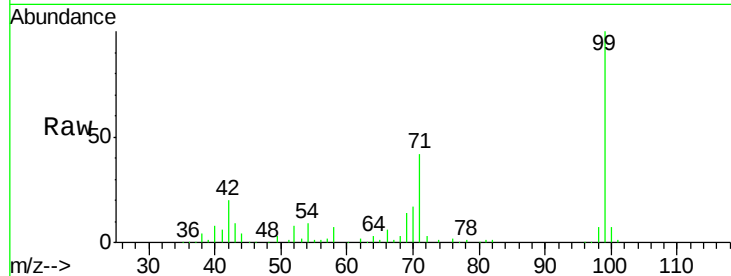
Tot Ion: 99 Resp: 145622

Ion Ratio Lower Upper

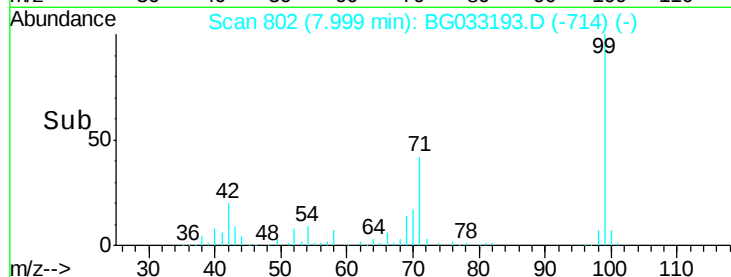
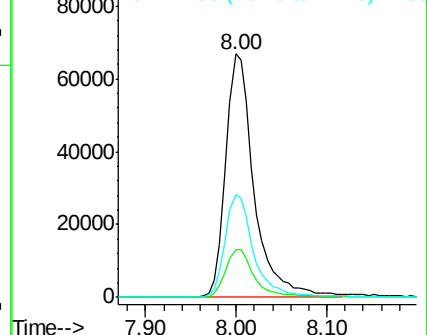
99 100

42 19.8 14.1 21.1

71 42.2 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: 11.78 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

Tgt Ion: 136 Resp: 65761

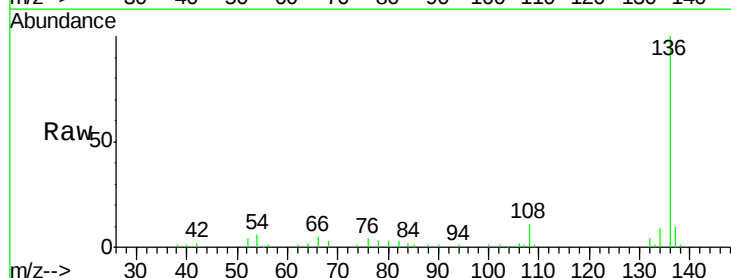
Ion Ratio Lower Upper

136 100

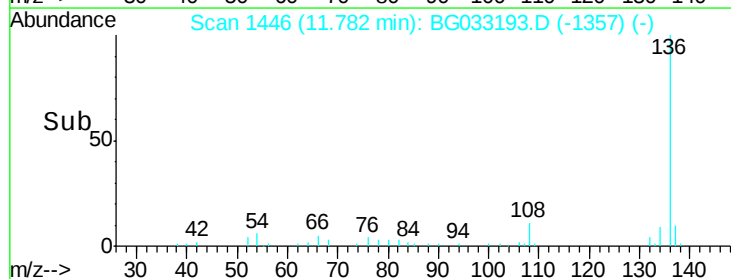
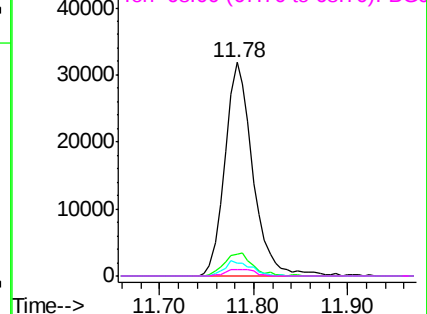
137 10.1 9.2 13.8

54 5.9 10.3 15.5#

68 2.8 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: 94.627 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

Instrument :

BNA_G

ClientSampleId :

PB107389BL

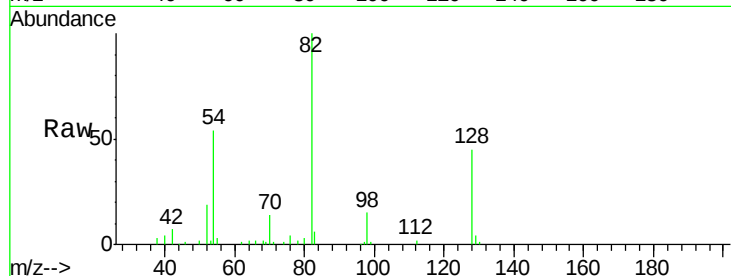
Tot Ion: 82 Resp: 90876

Ion Ratio Lower Upper

82 100

128 44.9 29.7 44.5#

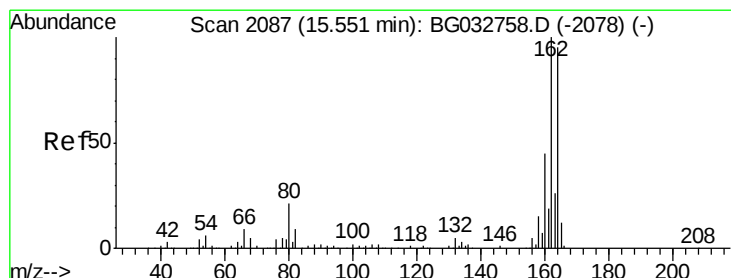
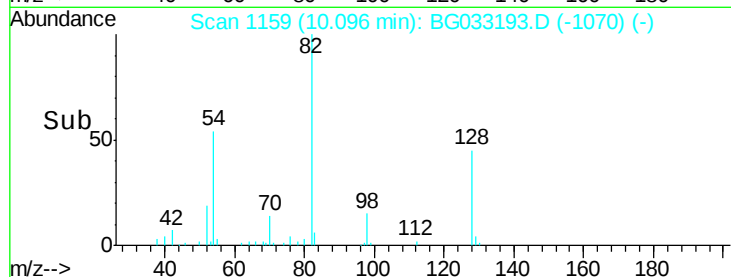
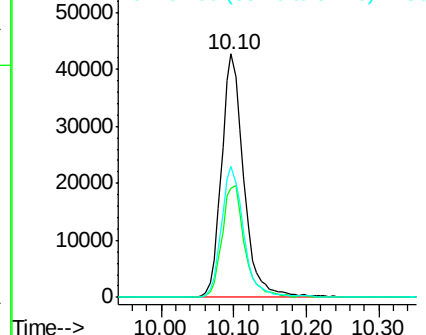
54 53.9 43.1 64.7



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# 2081

Delta R.T. -0.01 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

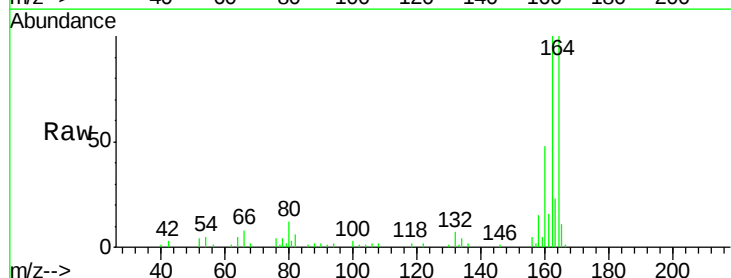
Tgt Ion: 164 Resp: 41208

Ion Ratio Lower Upper

164 100

162 100.4 78.8 118.2

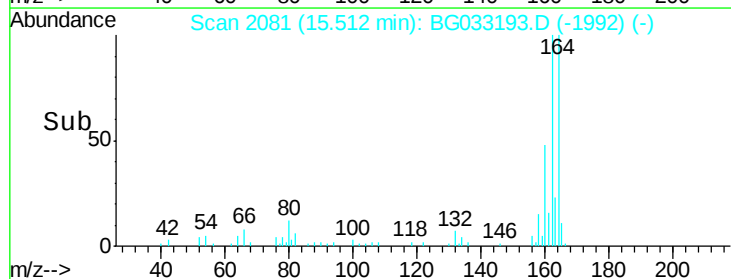
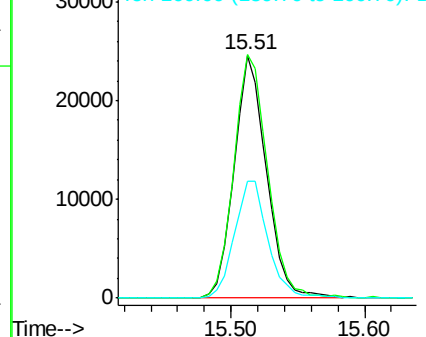
160 48.3 35.4 53.0

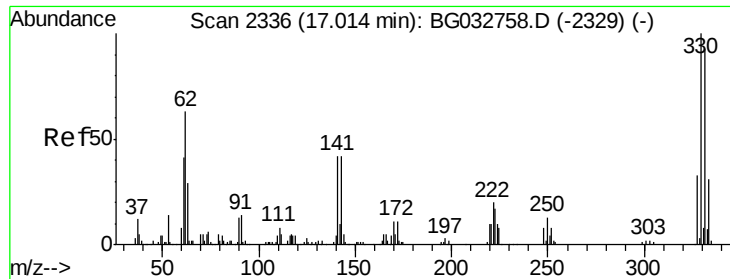


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

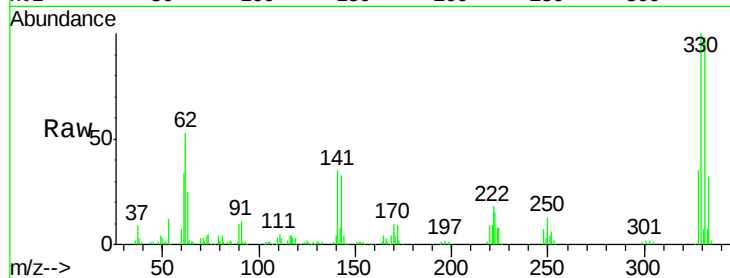




#41
 2,4,6-Tribromophenol
 Concen: 301.220 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.01 min
 Lab File: BG033193.D
 Acq: 16 Mar 2018 1:26

Instrument :
 BNA_G
 ClientSampleId :
 PB107389BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.0	115.6
141	35.6	25.2	37.8

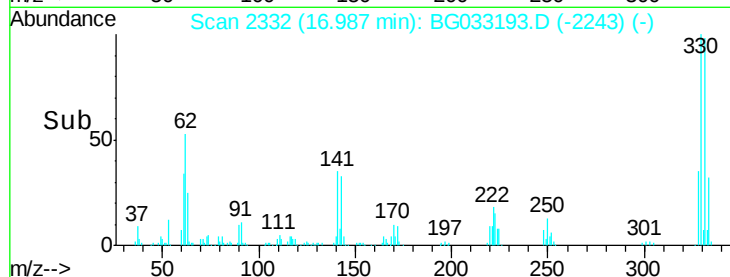
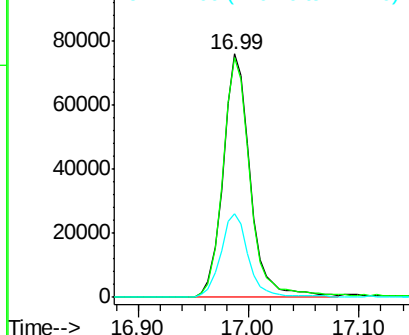


Abundance

Ion 329.80 (329.50 to 330.50): E

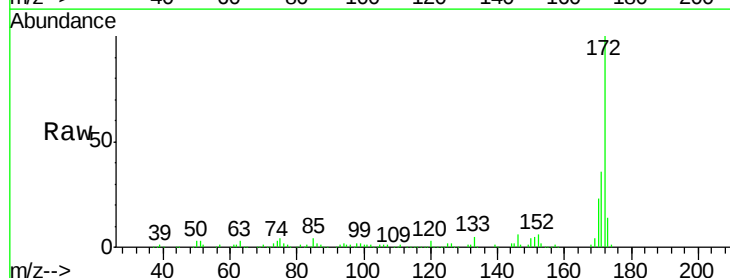
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.964 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033193.D
 Acq: 16 Mar 2018 1:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	22.9	19.5	29.3

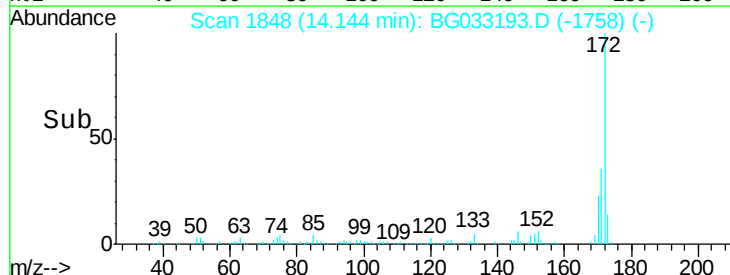
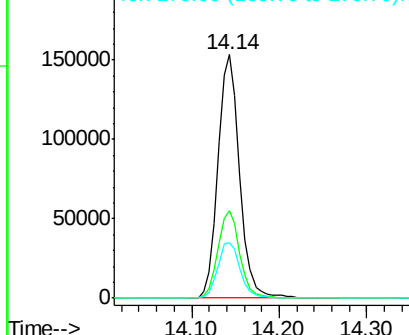


Abundance

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# 2546

Delta R.T. -0.01 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

Instrument :

BNA_G

ClientSampleId :

PB107389BL

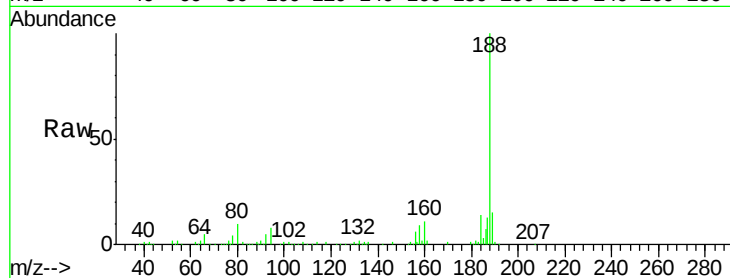
Tot Ion:188 Resp: 179925

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

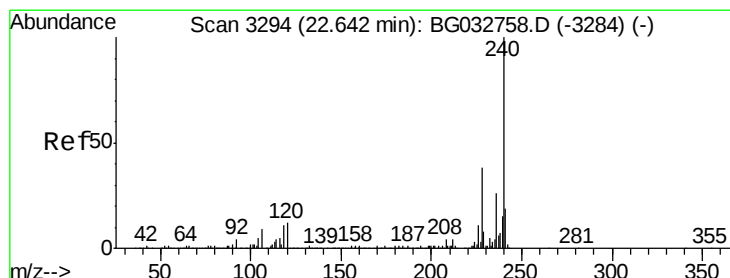
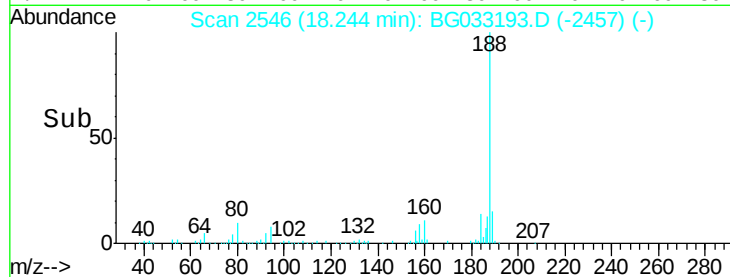
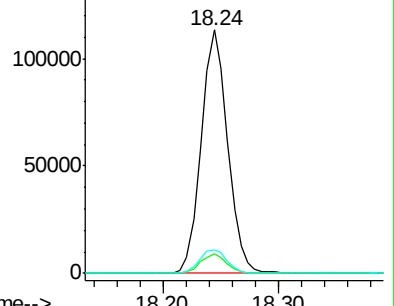
80 9.9 7.7 11.5



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# 3287

Delta R.T. -0.01 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

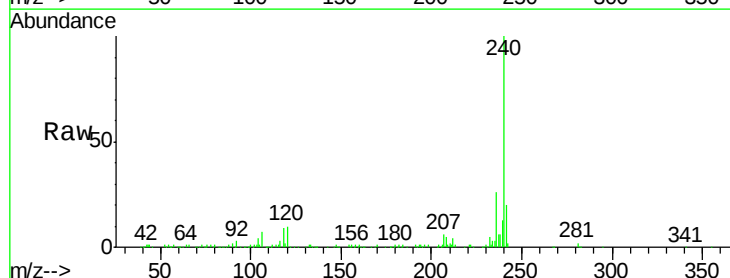
Tgt Ion:240 Resp: 206009

Ion Ratio Lower Upper

240 100

120 9.6 6.8 10.2

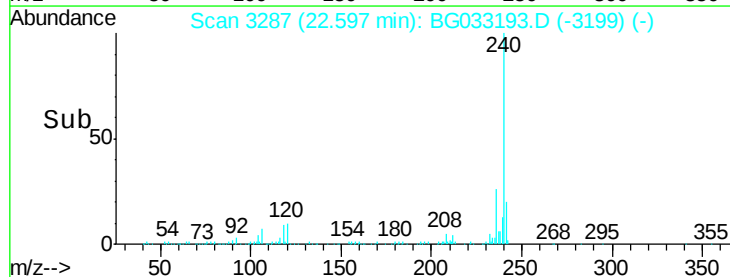
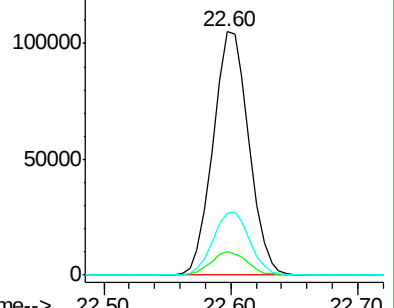
236 25.5 20.9 31.3

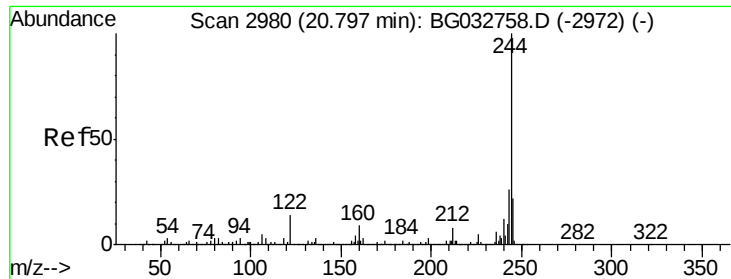


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.345 ng

RT: 20.76 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

Instrument :

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ClientSampleId :

PB107389BL

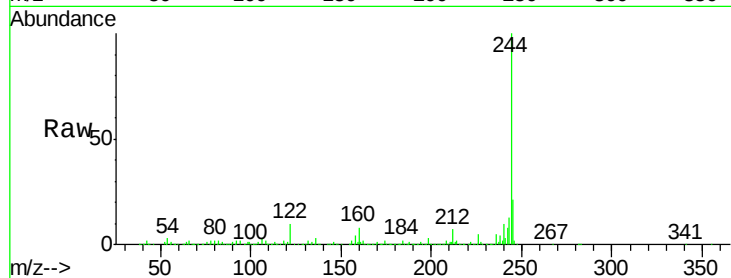
Tot Ion:244 Resp: 828401

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

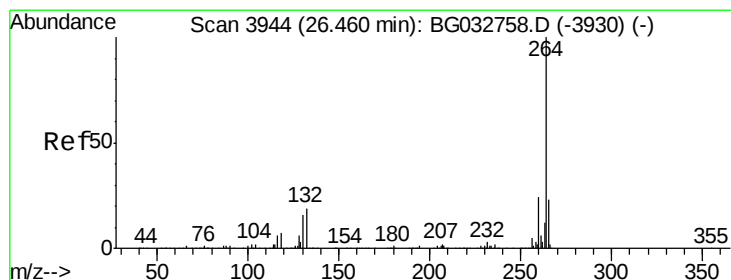
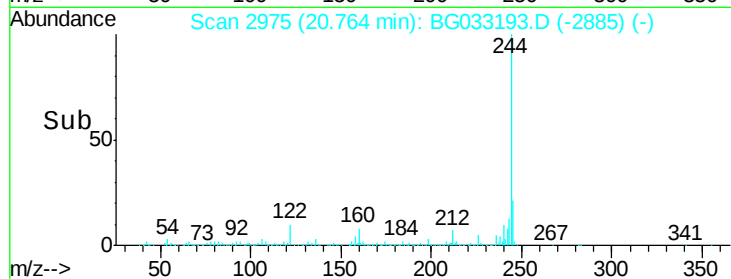
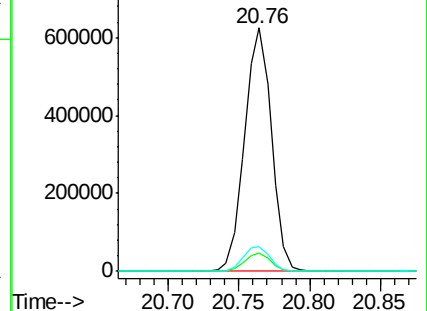
122 10.3 7.0 10.4



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# 3934

Delta R.T. -0.01 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

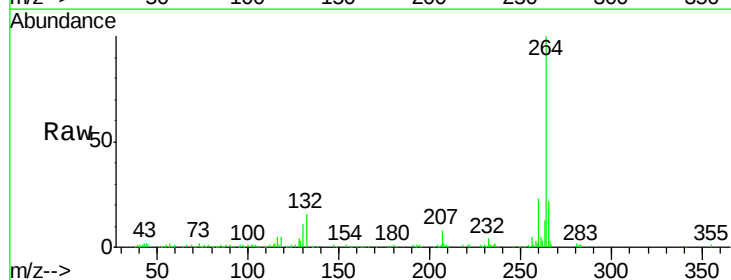
Tgt Ion:264 Resp: 226944

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 21.7 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

