

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032887.D
 Acq On : 28 Feb 2018 12:09
 Operator : SJ/JU
 Sample : PB106883TB
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106883TB

Quant Time: Feb 28 12:46:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	73208	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	314668	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	176946	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	393425	20.00	ng	0.00
75) Chrysene-d12	22.62	240	359275	20.00	ng	0.00
86) Perylene-d12	26.44	264	341247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	508612	111.15	ng	0.00
7) Phenol-d6	8.01	99	671347	105.26	ng	0.00
23) Nitrobenzene-d5	10.12	82	368220	81.65	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	194581	104.58	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	874508	71.28	ng	0.00
78) Terphenyl-d14	20.78	244	1215066	75.98	ng	0.00

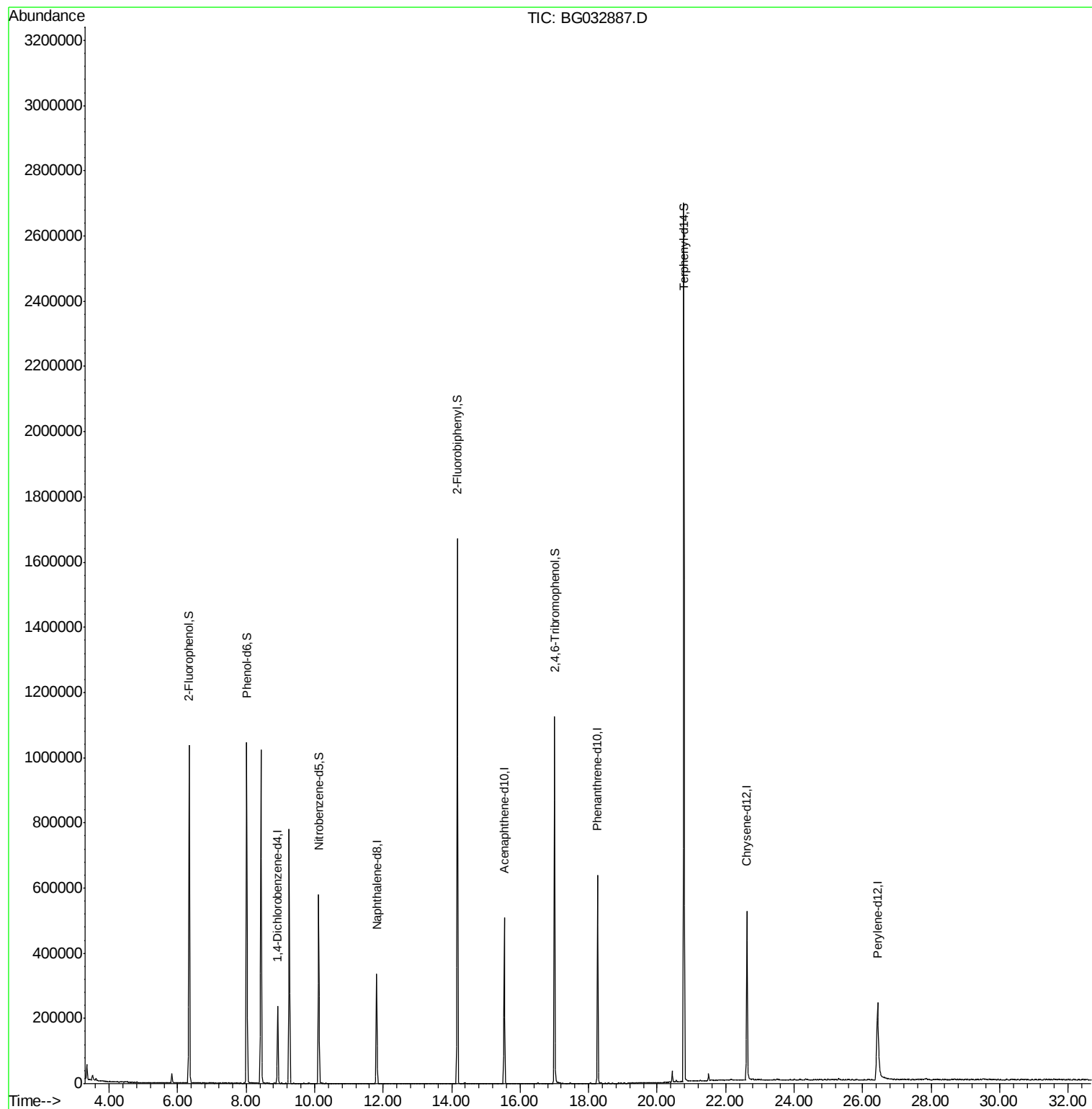
Target Compounds Qvalue

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

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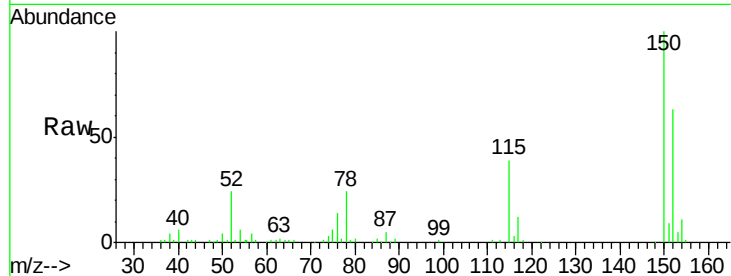


#1

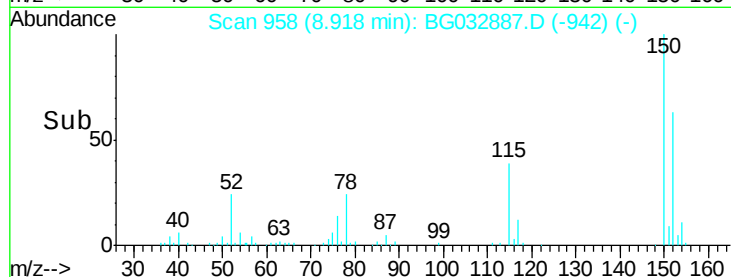
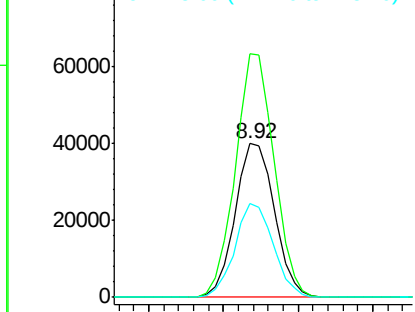
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032887.D
Acq: 28 Feb 2018 12:09

Instrument :
BNA_G
ClientSampleId :
PB106883TB

Tot Ion:152 Resp: 73208
Ion Ratio Lower Upper
152 100
150 158.4 126.6 189.8
115 61.1 53.0 79.4



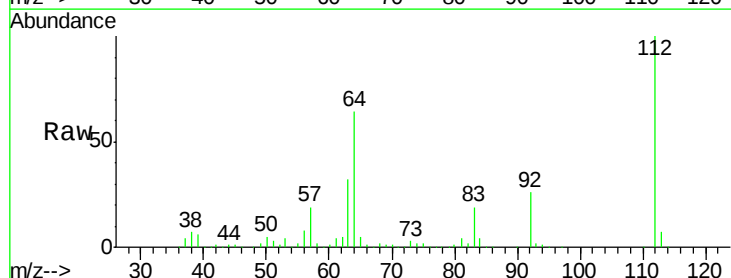
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



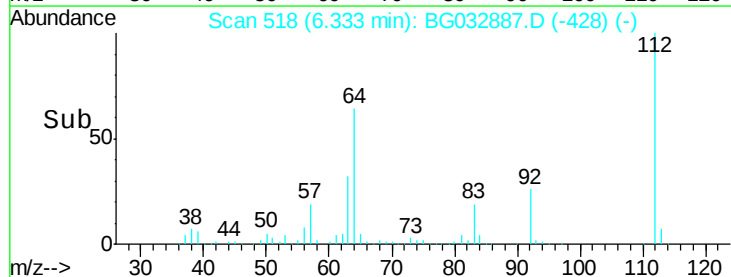
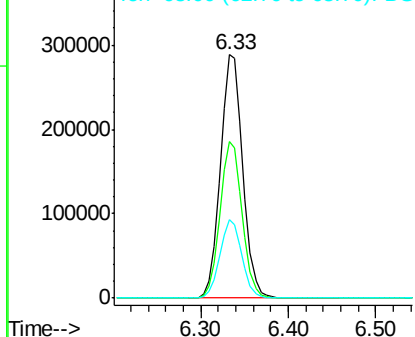
#5

2-Fluorophenol
Concen: 111.150 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032887.D
Acq: 28 Feb 2018 12:09

Tgt Ion:112 Resp: 508612
Ion Ratio Lower Upper
112 100
64 64.2 56.3 84.5
63 32.3 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: 105.257 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032887.D

Acq: 28 Feb 2018 12:09

Instrument :

BNA_G

ClientSampleId :

PB106883TB

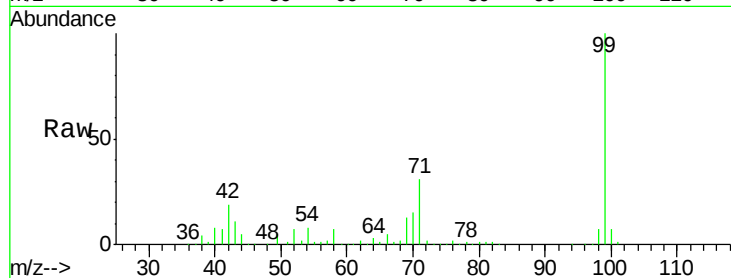
Tot Ion: 99 Resp: 671347

Ion Ratio Lower Upper

99 100

42 19.5 14.1 21.1

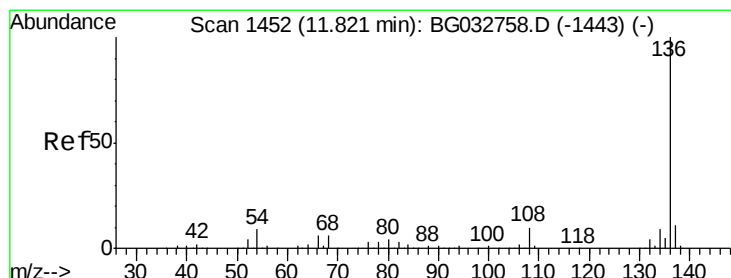
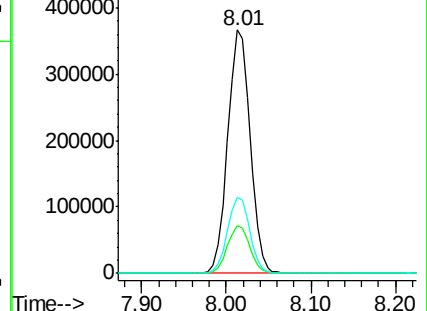
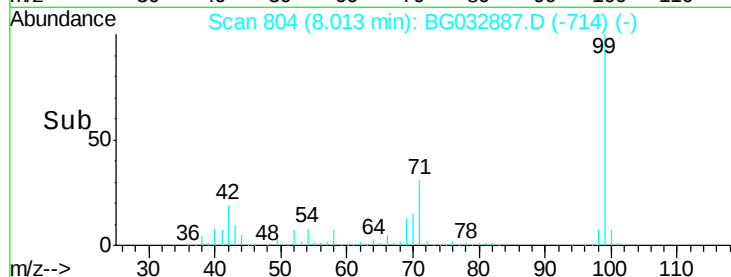
71 31.3 26.1 39.1



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: 11.81 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BG032887.D

Acq: 28 Feb 2018 12:09

Tgt Ion: 136 Resp: 314668

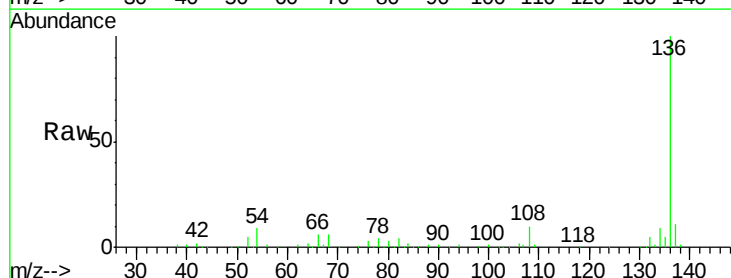
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 9.2 10.3 15.5#

68 5.9 4.5 6.7

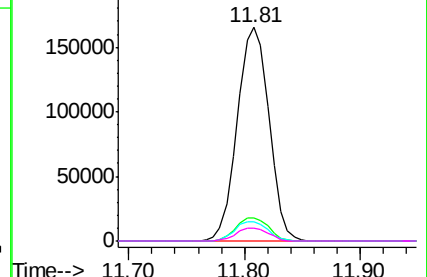
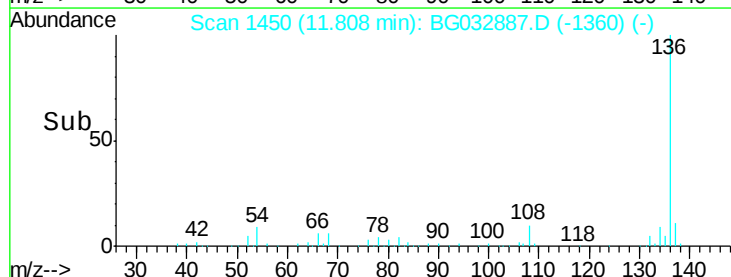


Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 81.648 ng

RT: 10.12 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG032887.D

Acq: 28 Feb 2018 12:09

Instrument :

BNA_G

ClientSampleId :

PB106883TB

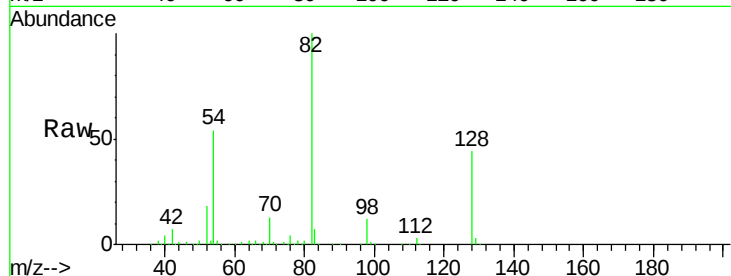
Tot Ion: 82 Resp: 368220

Ion Ratio Lower Upper

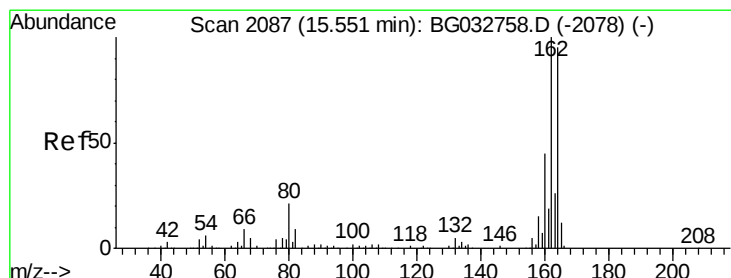
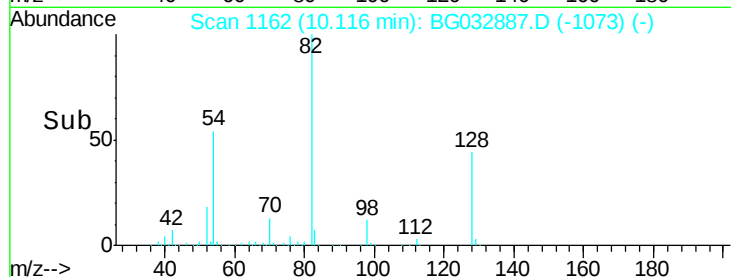
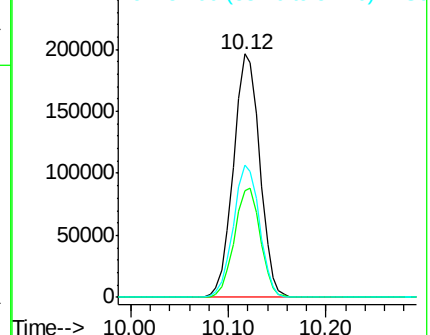
82 100

128 43.7 29.7 44.5

54 54.3 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: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG032887.D

Acq: 28 Feb 2018 12:09

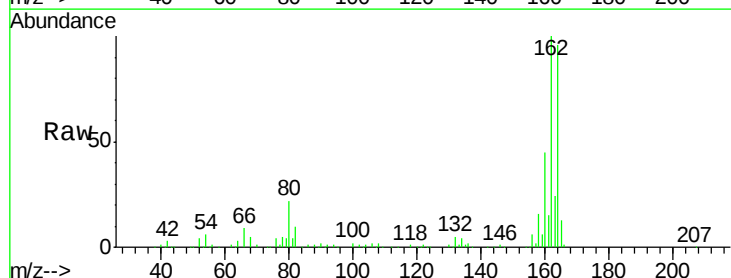
Tgt Ion:164 Resp: 176946

Ion Ratio Lower Upper

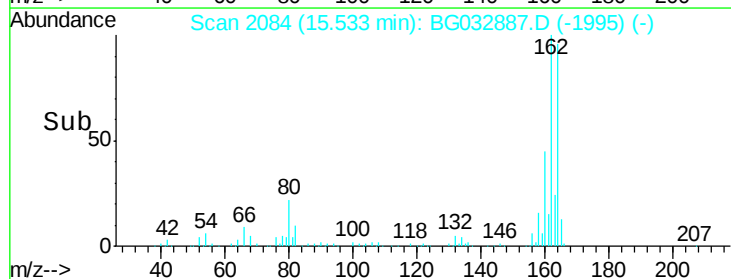
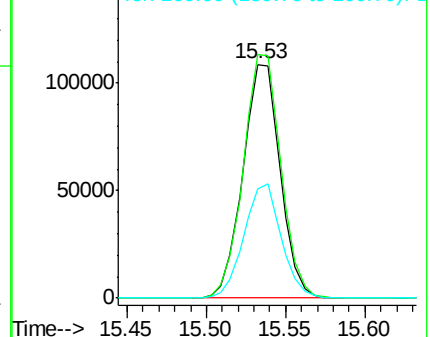
164 100

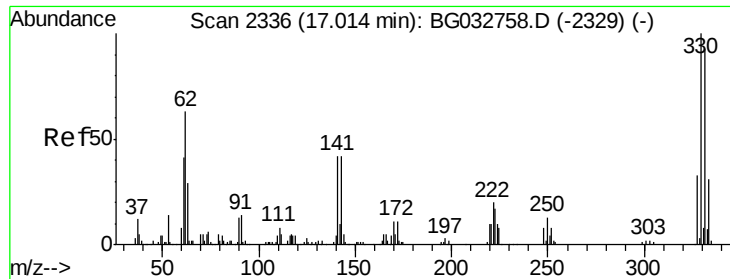
162 104.1 78.8 118.2

160 46.9 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

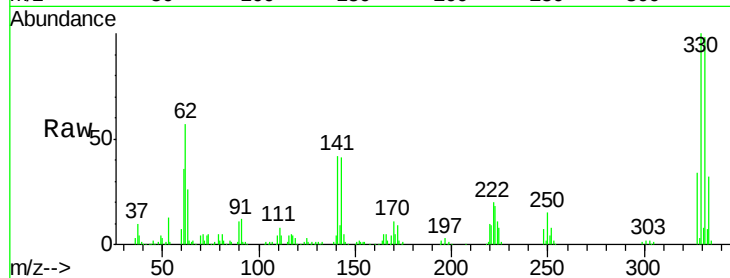




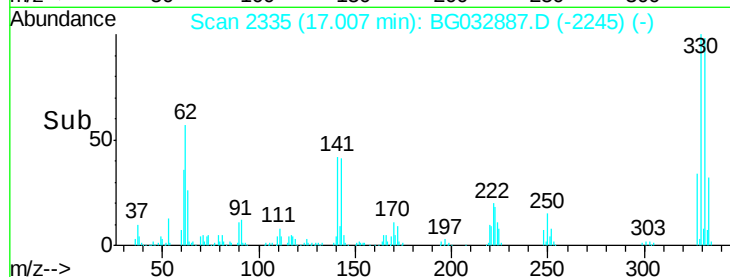
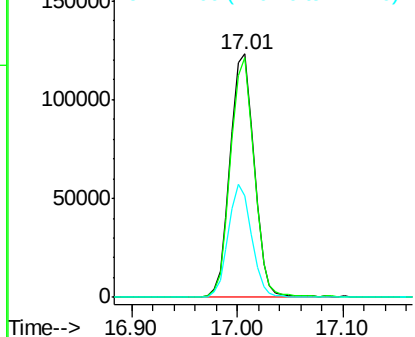
#41
 2,4,6-Tribromophenol
 Concen: 104.584 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032887.D
 Acq: 28 Feb 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB106883TB

Tot Ion:330 Resp: 194581
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 44.8 25.2 37.8#

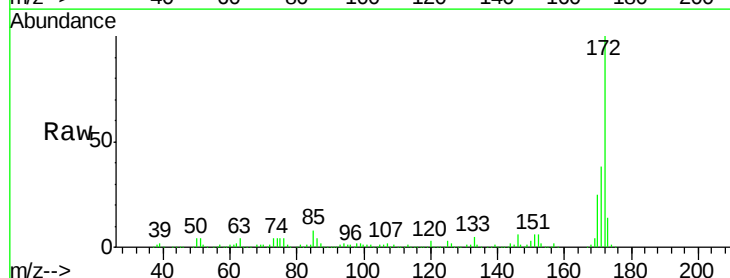


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

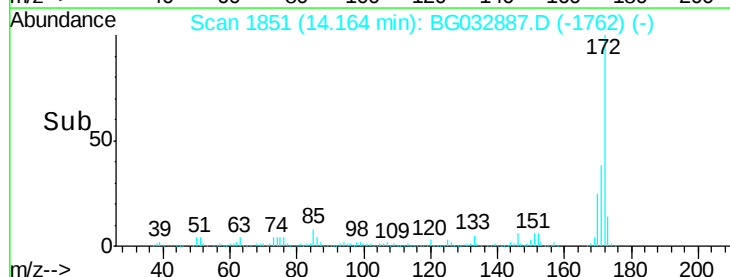
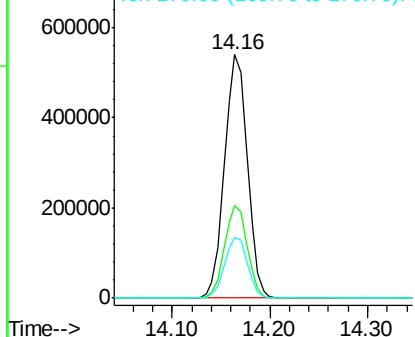


#44
 2-Fluorobiphenyl
 Concen: 71.279 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032887.D
 Acq: 28 Feb 2018 12:09

Tgt Ion:172 Resp: 874508
 Ion Ratio Lower Upper
 172 100
 171 38.1 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: 18.26 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BG032887.D

Acq: 28 Feb 2018 12:09

Instrument :

BNA_G

ClientSampleId :

PB106883TB

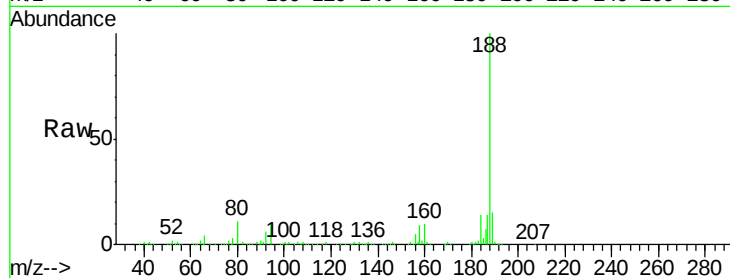
Tot Ion:188 Resp: 393425

Ion Ratio Lower Upper

188 100

94 10.3 6.9 10.3

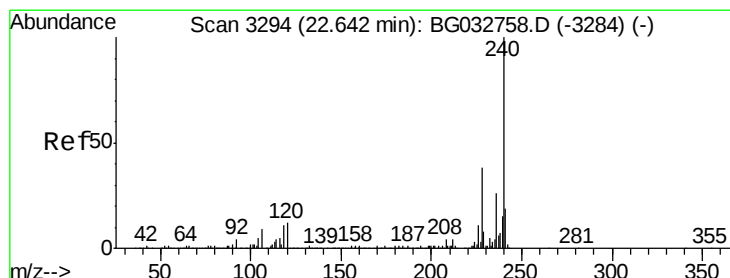
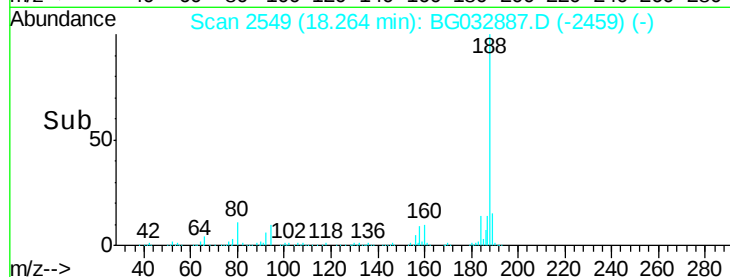
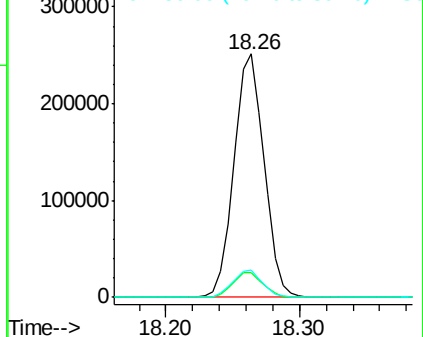
80 11.5 7.7 11.5



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: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032887.D

Acq: 28 Feb 2018 12:09

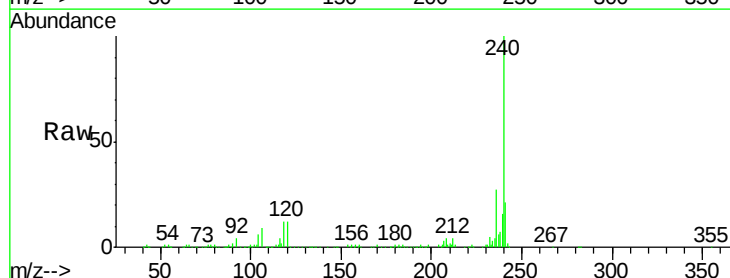
Tgt Ion:240 Resp: 359275

Ion Ratio Lower Upper

240 100

120 12.5 6.8 10.2#

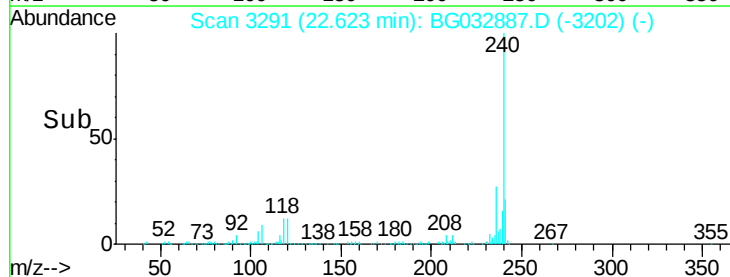
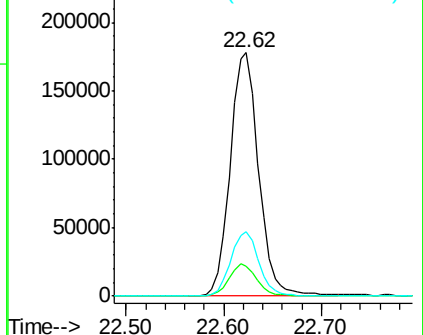
236 26.6 20.9 31.3



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





#78

Terphenyl-d14

Concen: 75.984 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG032887.D

Acq: 28 Feb 2018 12:09

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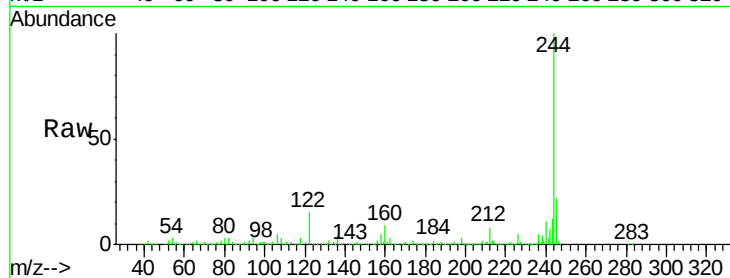
Tot Ion:244 Resp: 1215066

Ion Ratio Lower Upper

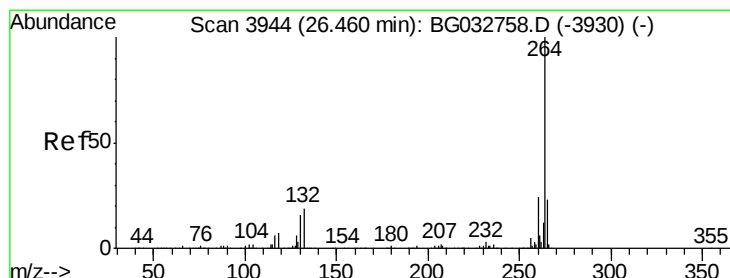
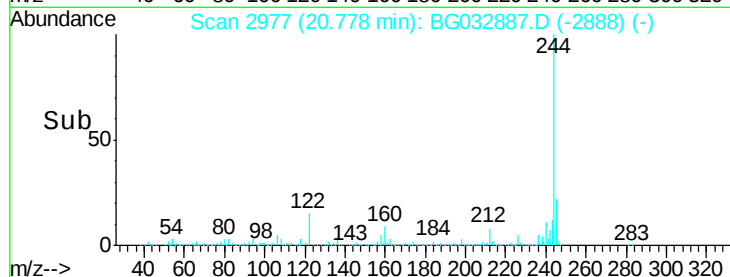
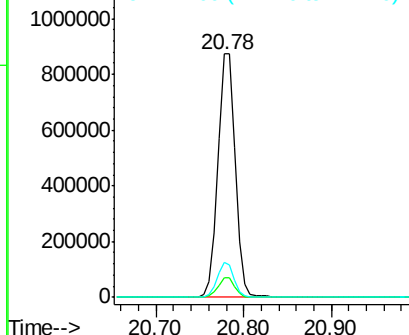
244 100

212 8.3 5.8 8.8

122 14.5 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: 26.44 min Scan# 3940

Delta R.T. -0.00 min

Lab File: BG032887.D

Acq: 28 Feb 2018 12:09

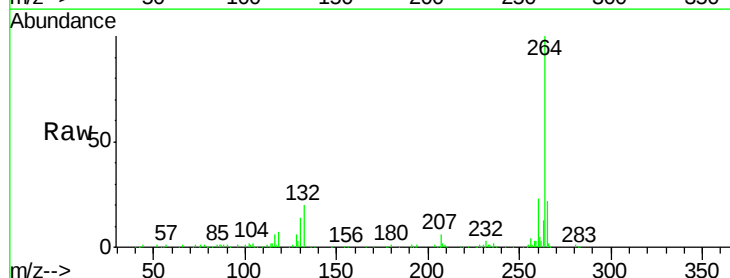
Tgt Ion:264 Resp: 341247

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 22.0 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

