

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028863.D
 Acq On : 21 Sep 2017 18:24
 Operator : SJ/JU
 Sample : PB102514BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102514BL

Quant Time: Sep 22 01:34:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	33282	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	131885	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	94997	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	261605	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	290145	20.00	ng	-0.05
86) Perylene-d12	25.46	264	279235	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	246664	122.29	ng	-0.04
7) Phenol-d6	7.44	99	332925	109.63	ng	-0.05
23) Nitrobenzene-d5	9.46	82	203782	73.92	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	162651	103.52	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	551674	77.44	ng	-0.04
78) Terphenyl-d14	20.24	244	1050839	77.24	ng	-0.04

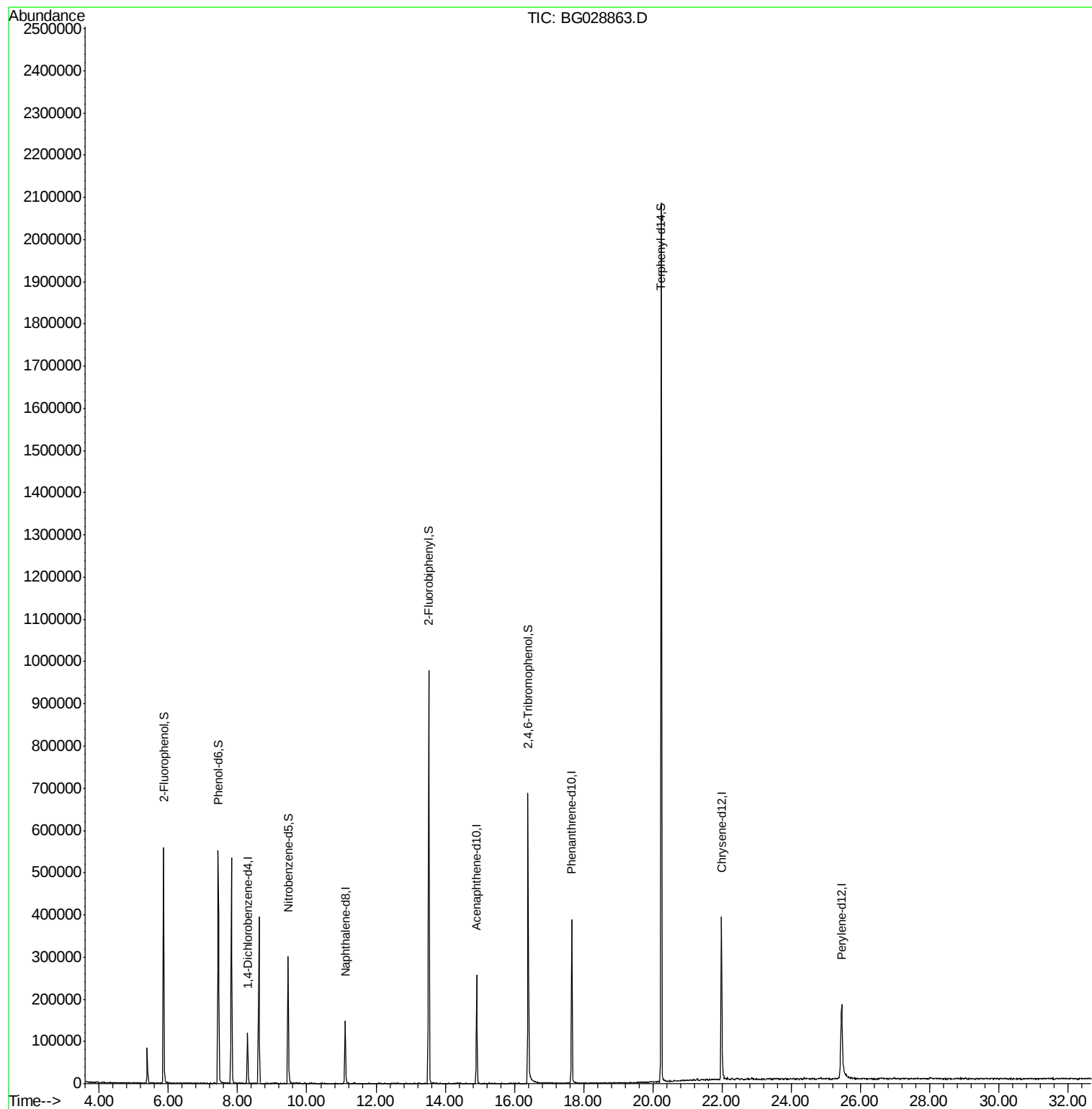
Target Compounds Qvalue

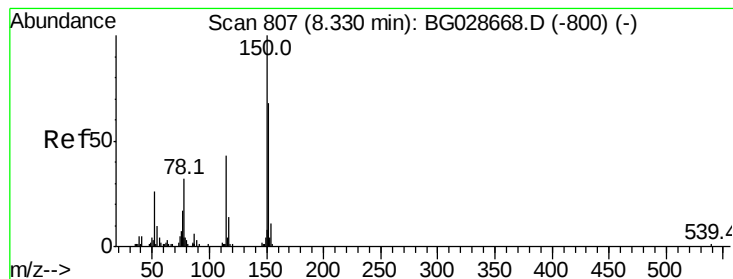
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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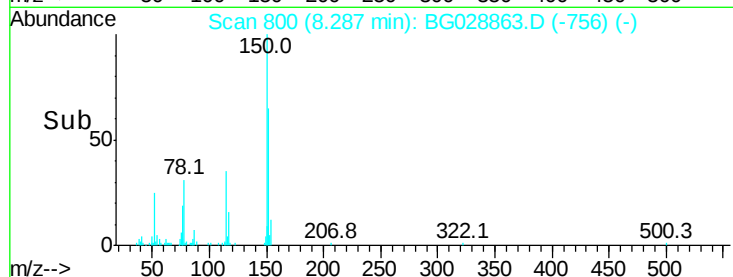
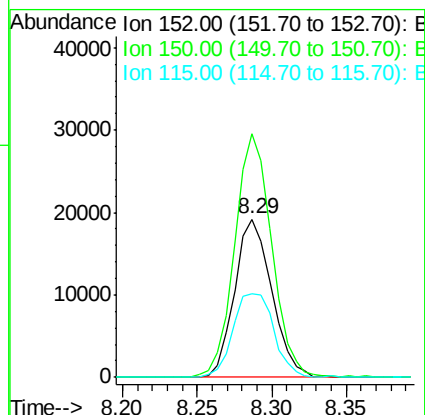
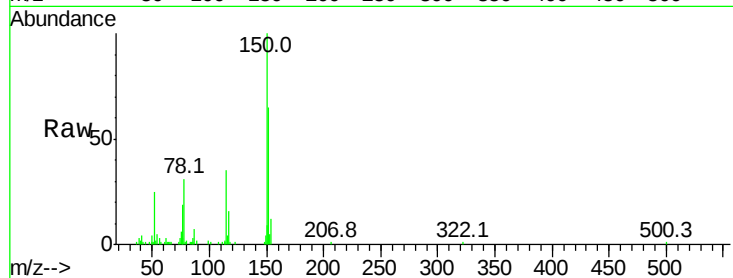


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028863.D
Acq: 21 Sep 2017 18:24

Instrument :
BNA_G
ClientSampleId :
PB102514BL

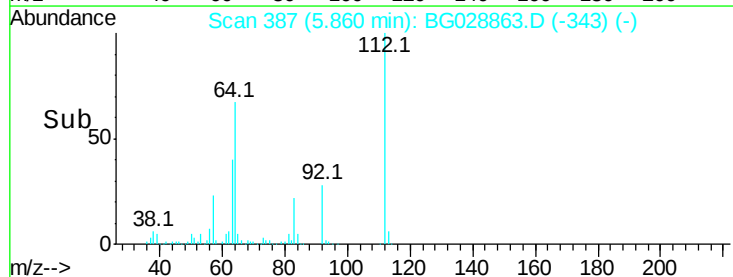
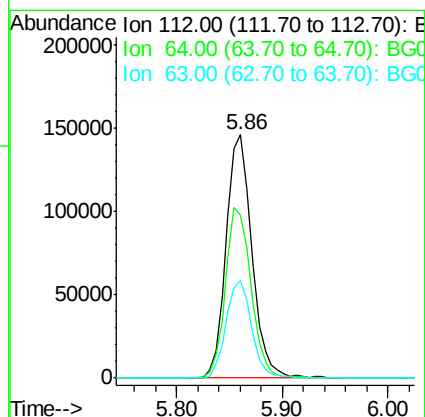
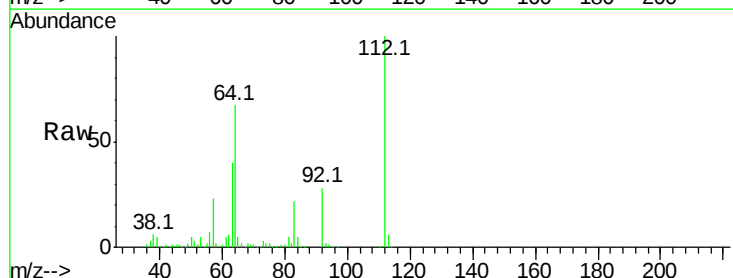
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	114.0	171.0
115	53.1	48.1	72.1



#5

2-Fluorophenol
Concen: 122.291 ng
RT: 5.86 min Scan# 387
Delta R.T. -0.04 min
Lab File: BG028863.D
Acq: 21 Sep 2017 18:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	61.8	92.6
63	40.4	37.2	55.8





#7

Phenol-d6

Concen: 109.627 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028863.D

Acq: 21 Sep 2017 18:24

Instrument :

BNA_G

ClientSampleId :

PB102514BL

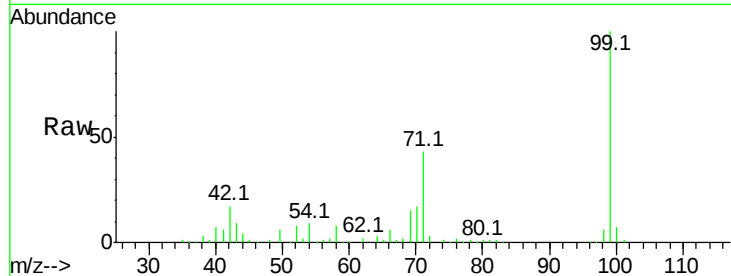
Tot Ion: 99 Resp: 332925

Ion Ratio Lower Upper

99 100

42 17.5 20.5 30.7#

71 42.6 37.6 56.4

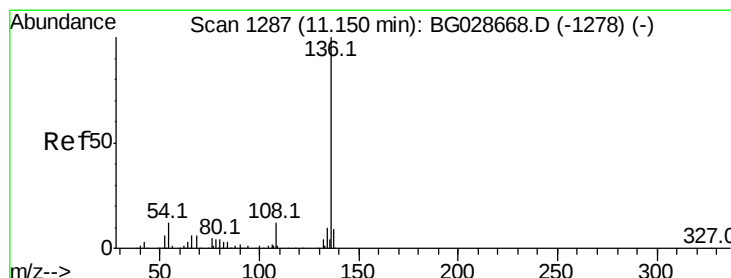
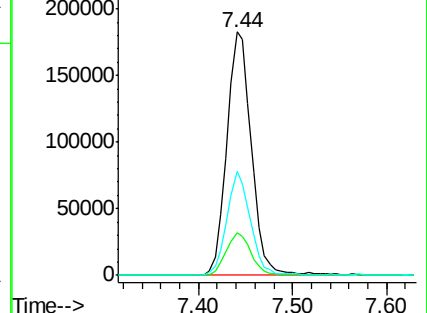
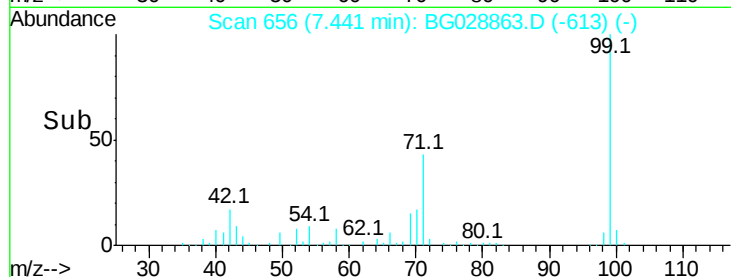


Abundance

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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028863.D

Acq: 21 Sep 2017 18:24

Tgt Ion:136 Resp: 131885

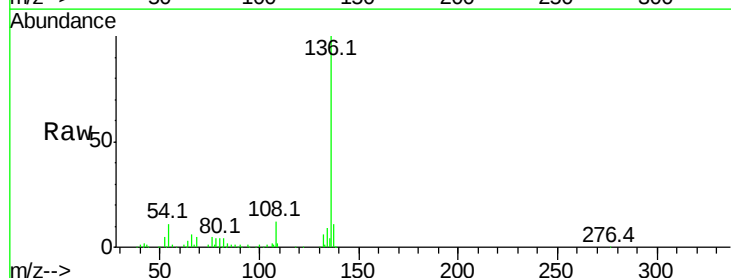
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 11.1 9.3 13.9

68 5.1 5.1 7.7#



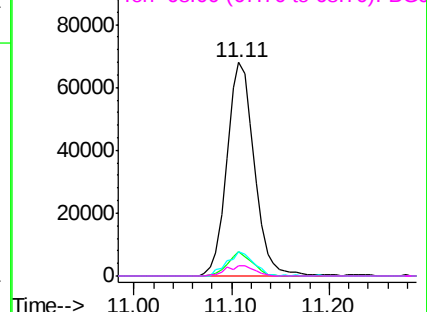
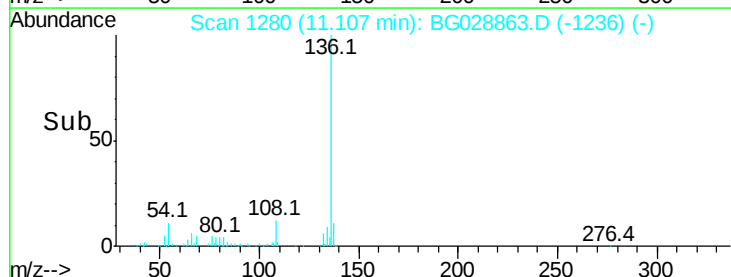
Abundance

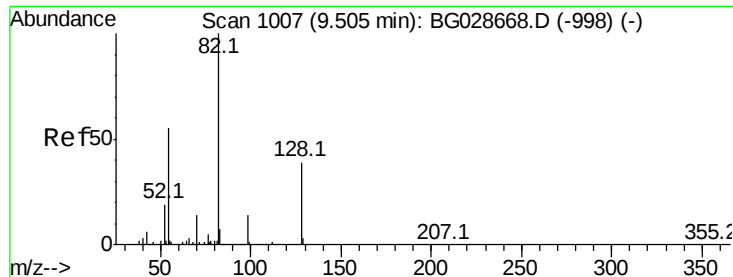
Ion 136.00 (135.70 to 136.70): BGC

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: 73.916 ng

RT: 9.46 min Scan# 1000

Delta R.T. -0.04 min

Lab File: BG028863.D

Acq: 21 Sep 2017 18:24

Instrument :

BNA_G

ClientSampled :

PB102514BL

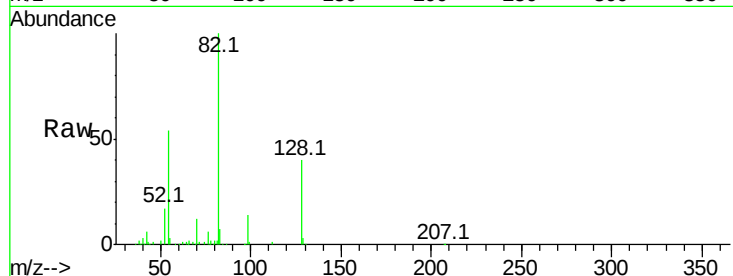
Tot Ion: 82 Resp: 203782

Ion Ratio Lower Upper

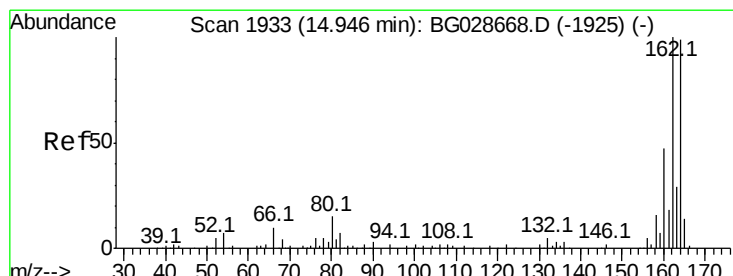
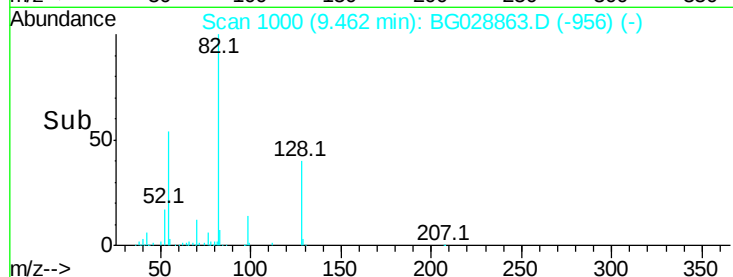
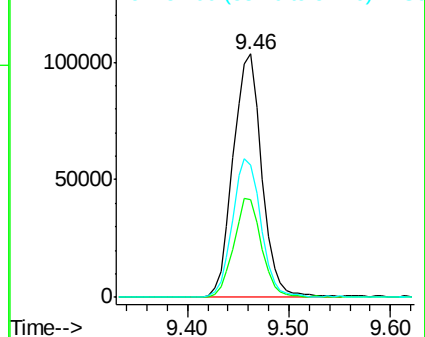
82 100

128 40.3 26.4 39.6#

54 54.1 49.4 74.2



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: 14.91 min Scan# 1927

Delta R.T. -0.04 min

Lab File: BG028863.D

Acq: 21 Sep 2017 18:24

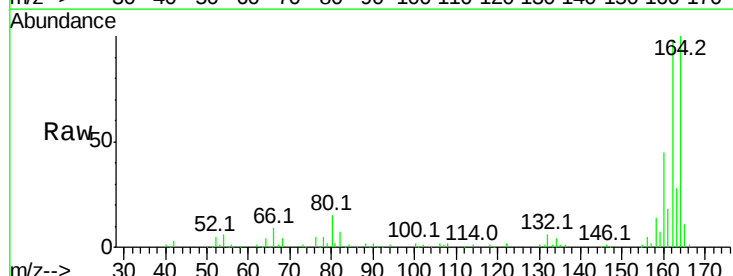
Tgt Ion: 164 Resp: 94997

Ion Ratio Lower Upper

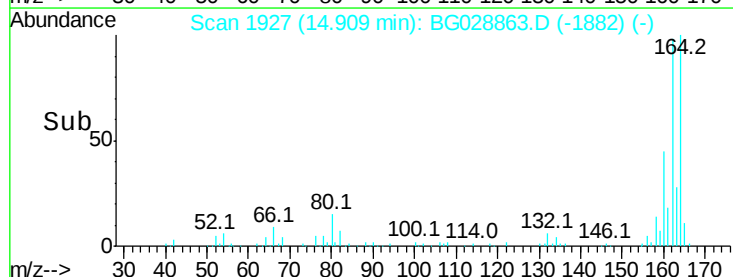
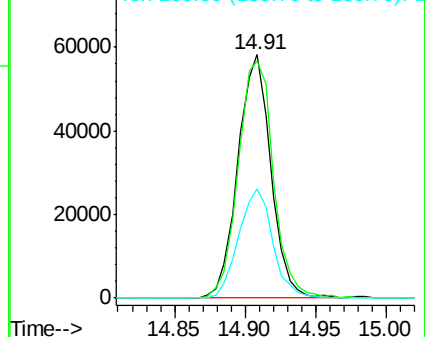
164 100

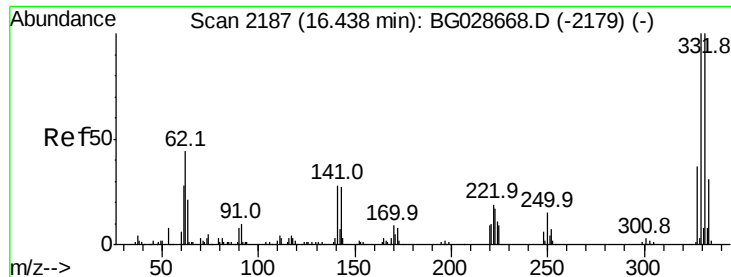
162 97.7 85.1 127.7

160 45.0 34.7 52.1



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

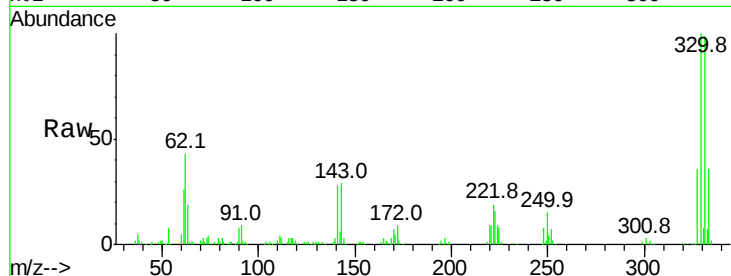




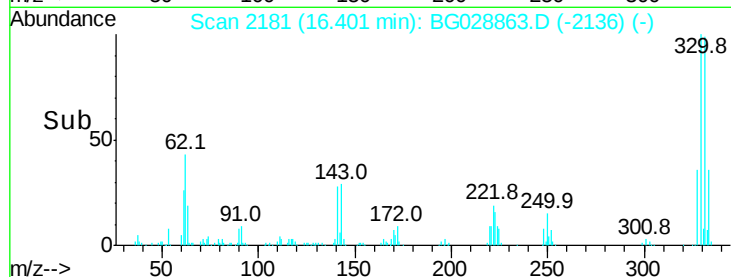
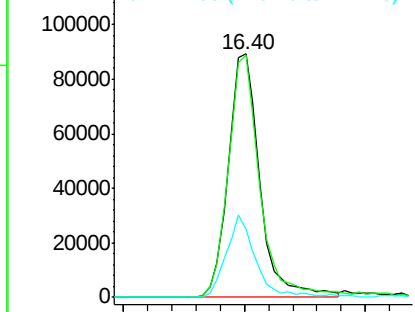
#41
 2,4,6-Tribromophenol
 Concen: 103.521 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028863.D
 Acq: 21 Sep 2017 18:24

Instrument :
 BNA_G
 ClientSampleId :
 PB102514BL

Tot Ion:330 Resp: 162651
 Ion Ratio Lower Upper
 330 100
 332 99.5 77.3 115.9
 141 30.9 32.1 48.1#

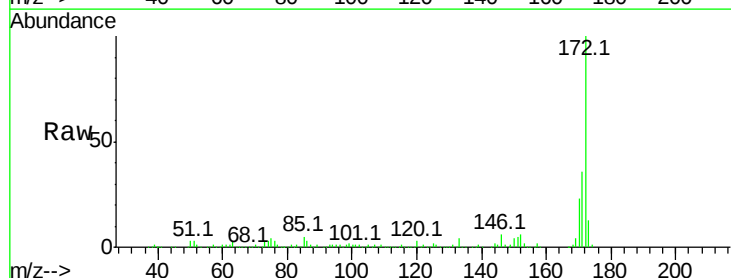


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

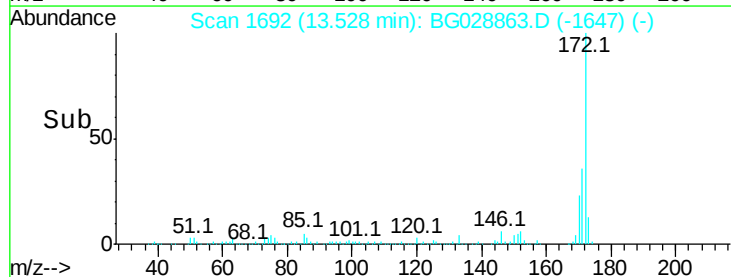
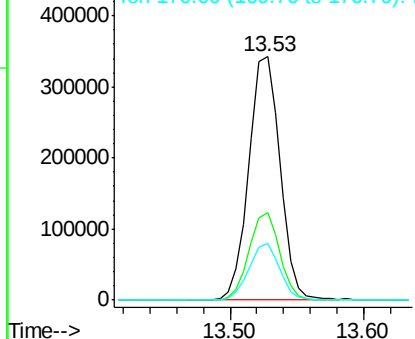


#44
 2-Fluorobiphenyl
 Concen: 77.436 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028863.D
 Acq: 21 Sep 2017 18:24

Tgt Ion:172 Resp: 551674
 Ion Ratio Lower Upper
 172 100
 171 35.8 32.2 48.2
 170 23.2 21.8 32.6



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: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028863.D

Acq: 21 Sep 2017 18:24

Instrument :

BNA_G

ClientSampleId :

PB102514BL

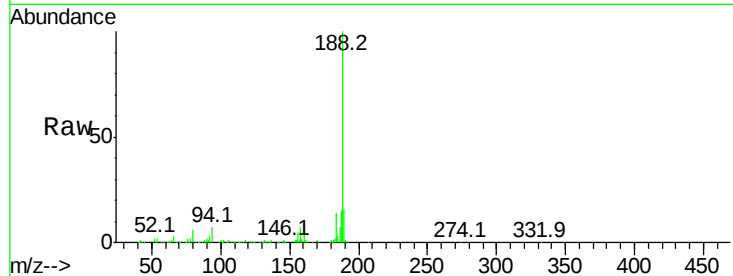
Tot Ion:188 Resp: 261605

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

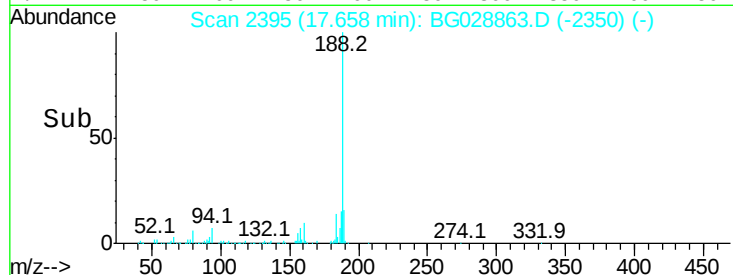
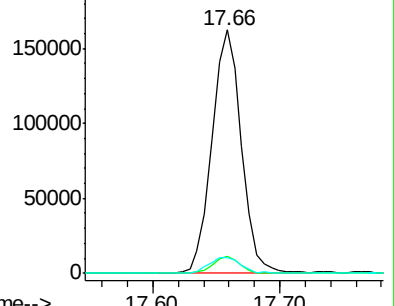
80 6.5 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028863.D

Acq: 21 Sep 2017 18:24

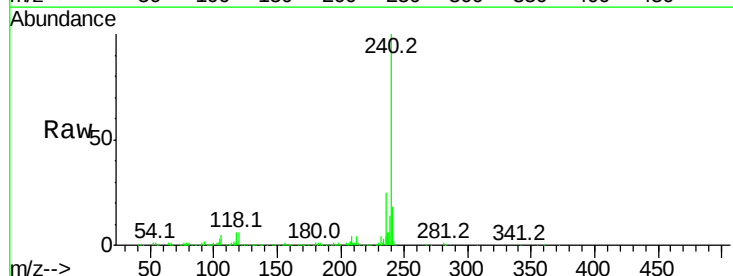
Tgt Ion:240 Resp: 290145

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

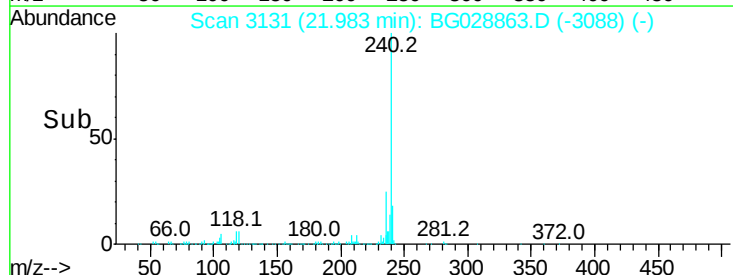
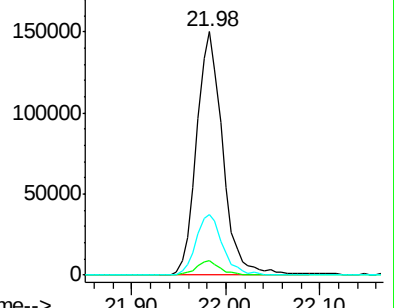
236 24.8 22.2 33.4

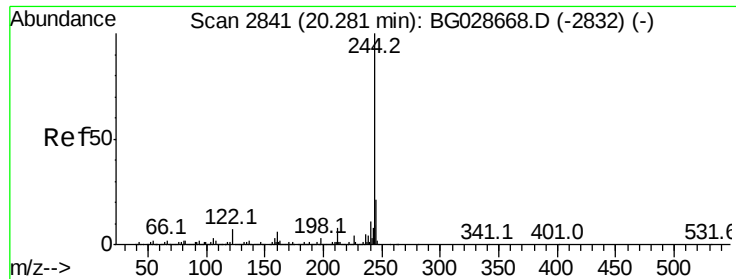


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.237 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028863.D

Acq: 21 Sep 2017 18:24

Instrument :

BNA_G

ClientSampleId :

PB102514BL

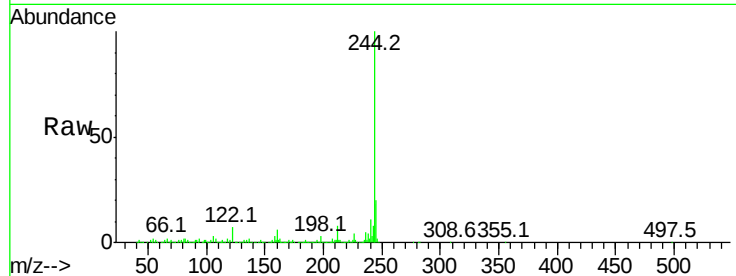
Tot Ion:244 Resp: 1050839

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

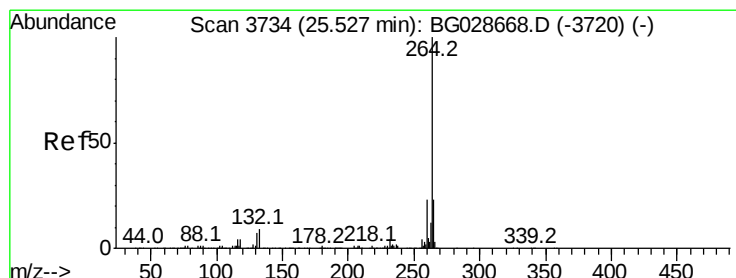
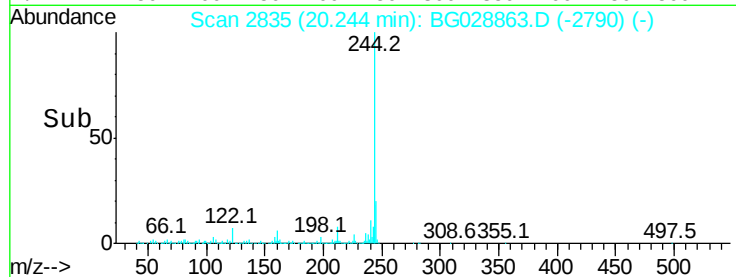
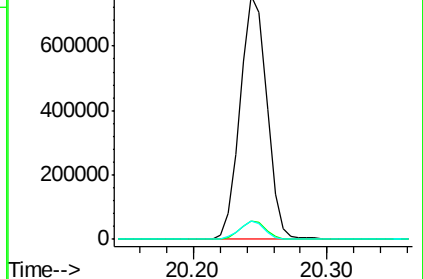
122 7.3 8.6 12.8#



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: 25.46 min Scan# 3722

Delta R.T. -0.07 min

Lab File: BG028863.D

Acq: 21 Sep 2017 18:24

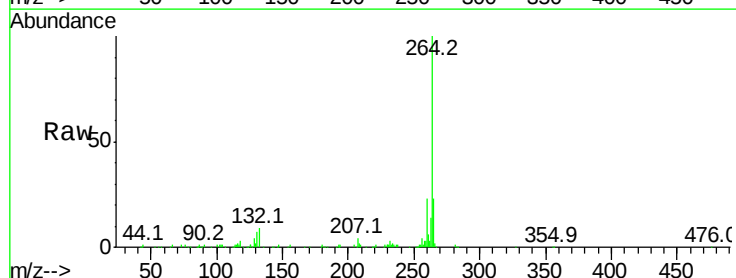
Tgt Ion:264 Resp: 279235

Ion Ratio Lower Upper

264 100

260 22.5 21.8 32.8

265 23.4 18.2 27.4



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

