

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029021.D
 Acq On : 4 Oct 2017 1:55
 Operator : SJ/JU
 Sample : PB102869TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102869TB

Quant Time: Oct 04 05:26:03 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	8.23	152	43512	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	164936	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	114351	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	306877	20.00	ng	-0.08
75) Chrysene-d12	21.92	240	353352	20.00	ng	-0.11
86) Perylene-d12	25.34	264	339433	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	372551	141.28	ng	-0.09
7) Phenol-d6	7.40	99	491802	123.87	ng	-0.09
23) Nitrobenzene-d5	9.41	82	313872	91.03	ng	-0.09
41) 2,4,6-Tribromophenol	16.35	330	267036	141.19	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	769605	89.74	ng	-0.08
78) Terphenyl-d14	20.20	244	1555640	93.89	ng	-0.08

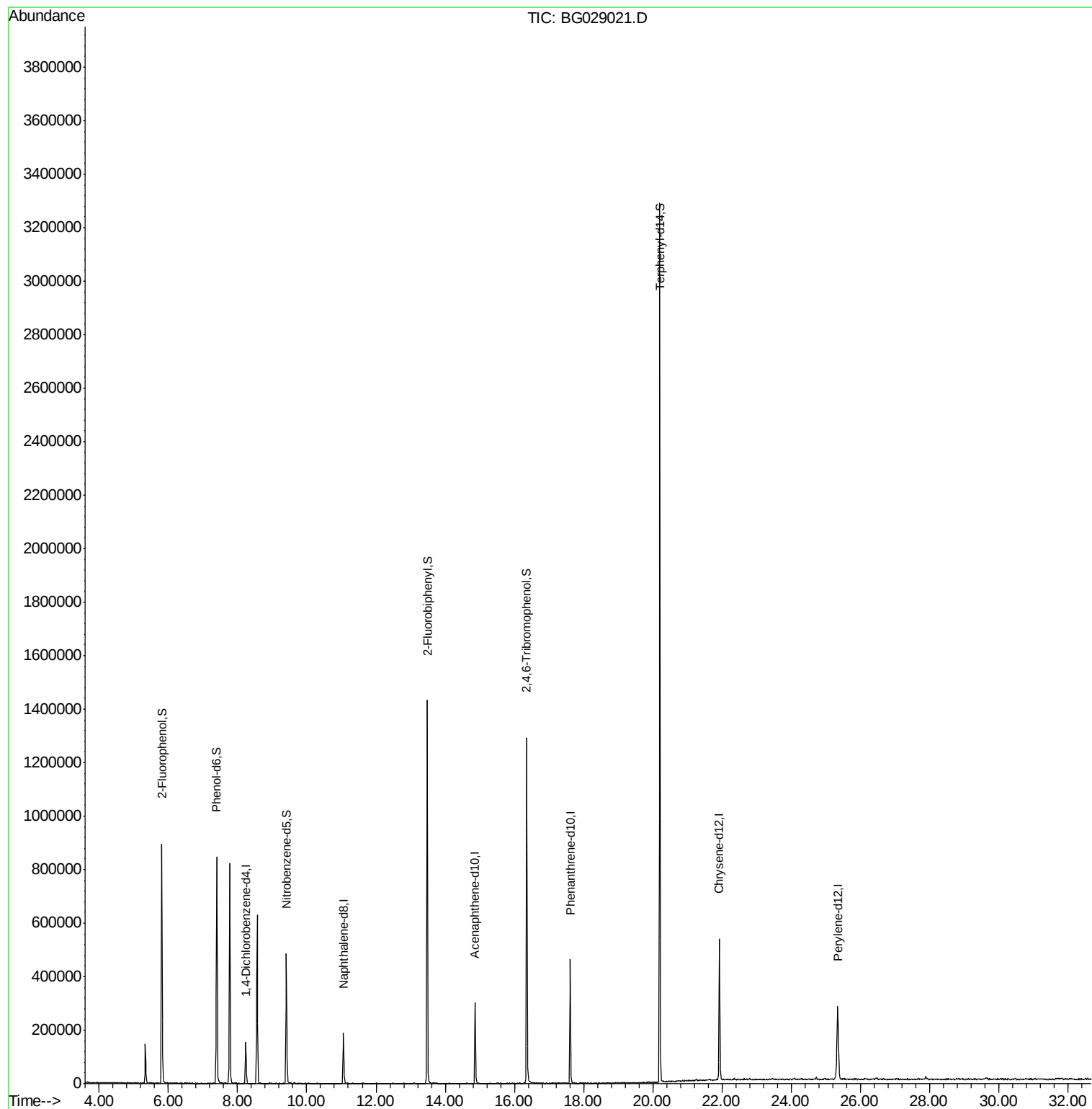
Target Compounds Qvalue

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

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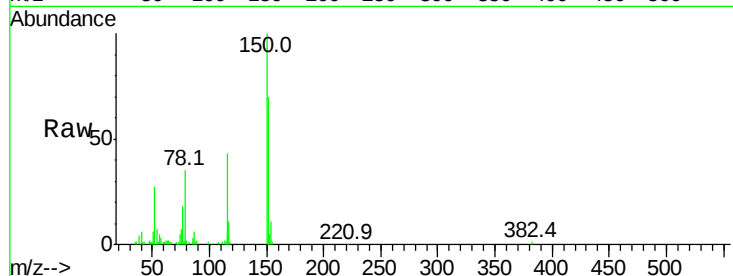


#1

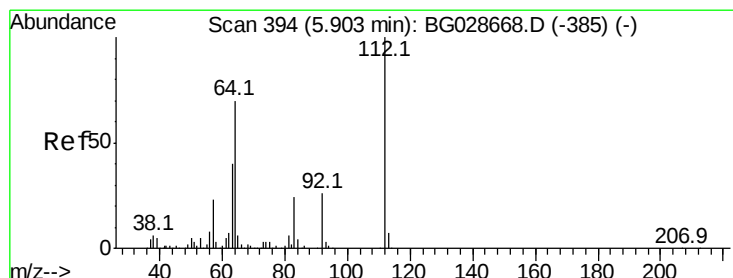
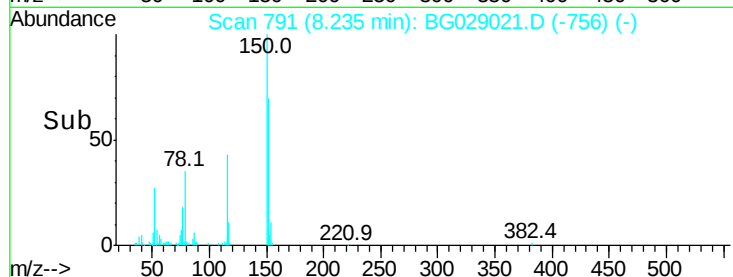
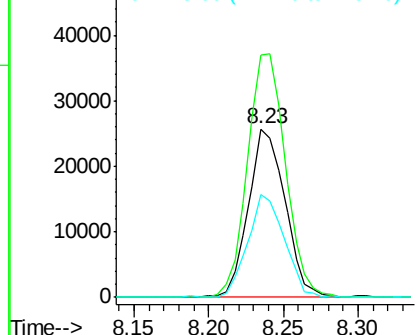
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.23 min Scan# 791
Delta R.T. -0.09 min
Lab File: BG029021.D
Acq: 4 Oct 2017 1:55

Instrument :
BNA_G
ClientSampleId :
PB102869TB

Tot Ion:152 Resp: 43512
Ion Ratio Lower Upper
152 100
150 143.6 114.0 171.0
115 61.4 48.1 72.1



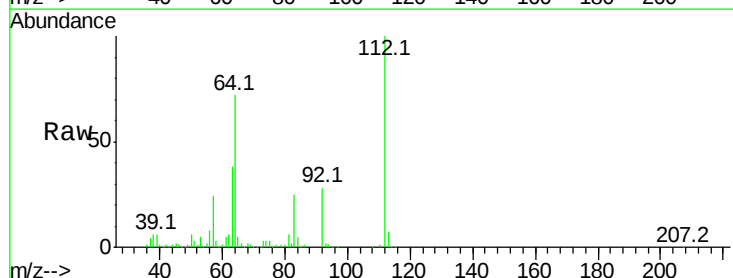
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



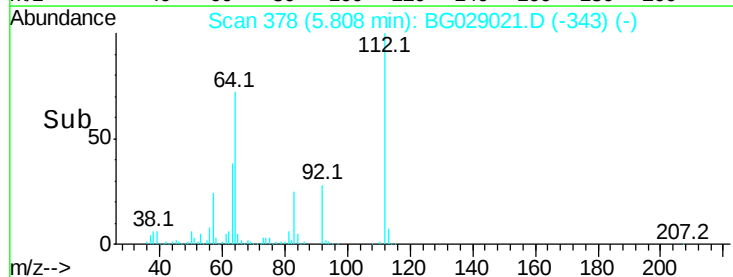
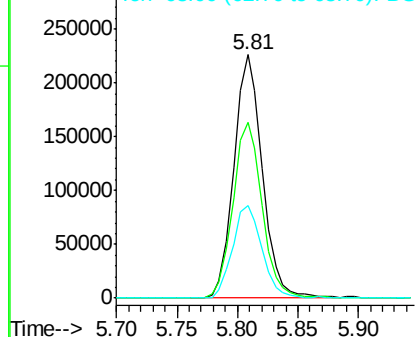
#5

2-Fluorophenol
Concen: 141.278 ng
RT: 5.81 min Scan# 378
Delta R.T. -0.09 min
Lab File: BG029021.D
Acq: 4 Oct 2017 1:55

Tgt Ion:112 Resp: 372551
Ion Ratio Lower Upper
112 100
64 72.0 61.8 92.6
63 38.2 37.2 55.8



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: 123.869 ng

RT: 7.40 min Scan# 649

Delta R.T. -0.09 min

Lab File: BG029021.D

Acq: 4 Oct 2017 1:55

Instrument :

BNA_G

ClientSampleId :

PB102869TB

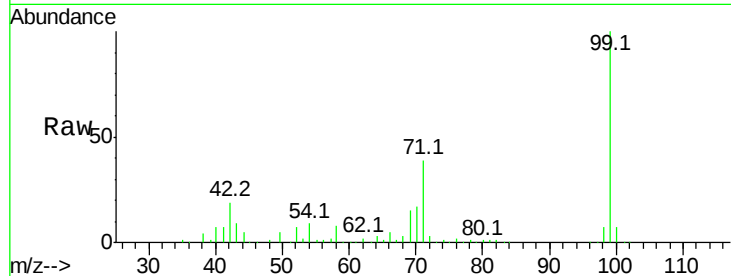
Tot Ion: 99 Resp: 491802

Ion Ratio Lower Upper

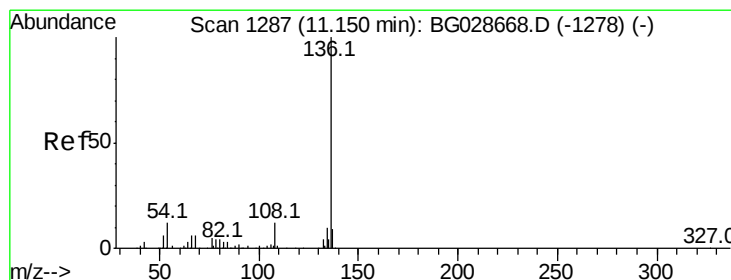
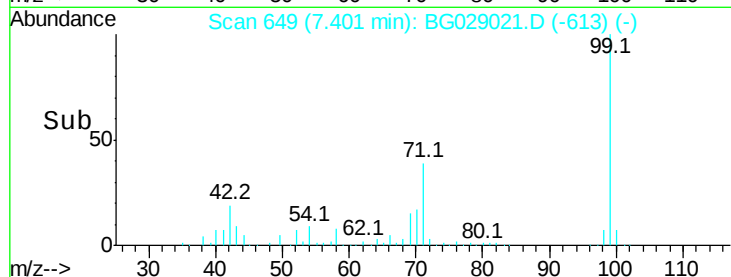
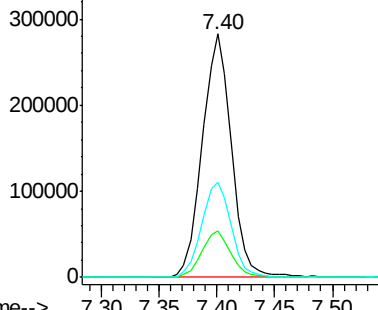
99 100

42 18.9 20.5 30.7#

71 39.1 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: 11.06 min Scan# 1272

Delta R.T. -0.09 min

Lab File: BG029021.D

Acq: 4 Oct 2017 1:55

Tgt Ion: 136 Resp: 164936

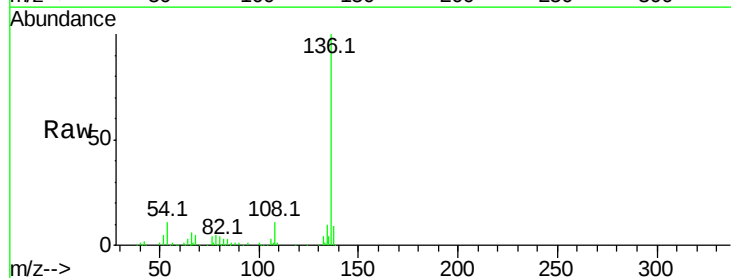
Ion Ratio Lower Upper

136 100

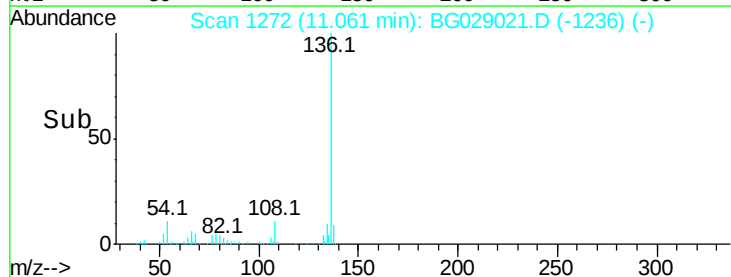
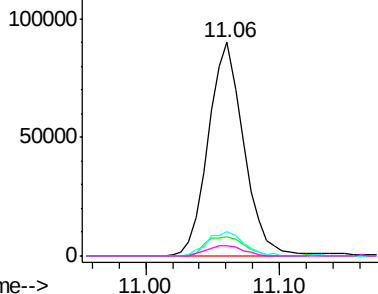
137 9.2 8.9 13.3

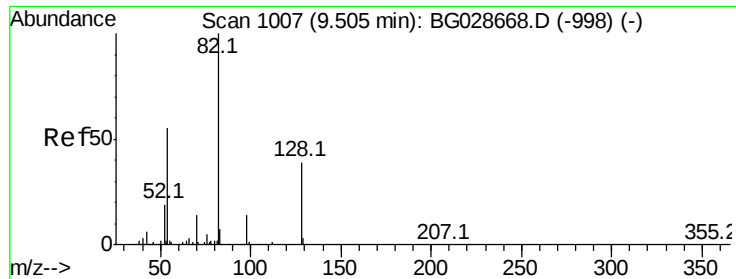
54 11.3 9.3 13.9

68 4.8 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: 91.034 ng

RT: 9.41 min Scan# 991

Delta R.T. -0.09 min

Lab File: BG029021.D

Acq: 4 Oct 2017 1:55

Instrument :

BNA_G

ClientSampleId :

PB102869TB

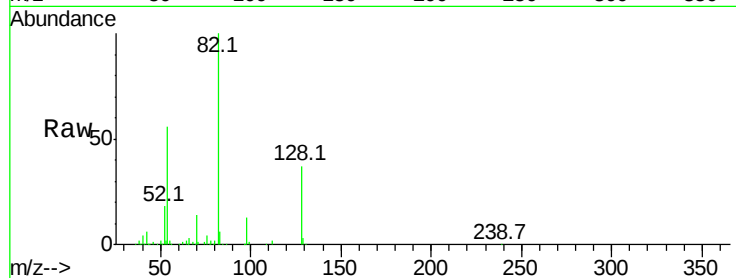
Tot Ion: 82 Resp: 313872

Ion Ratio Lower Upper

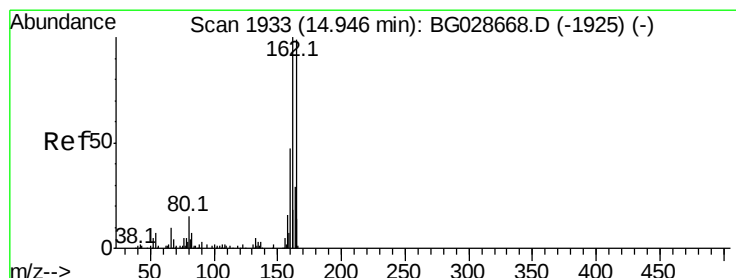
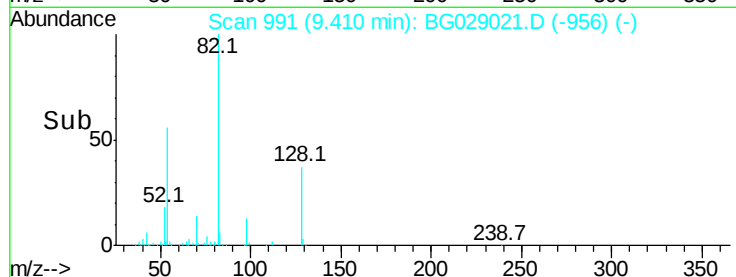
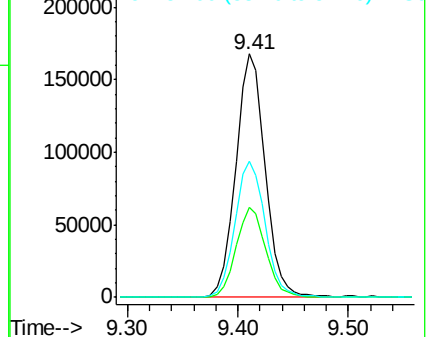
82 100

128 37.0 26.4 39.6

54 55.8 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: 14.86 min Scan# 1919

Delta R.T. -0.08 min

Lab File: BG029021.D

Acq: 4 Oct 2017 1:55

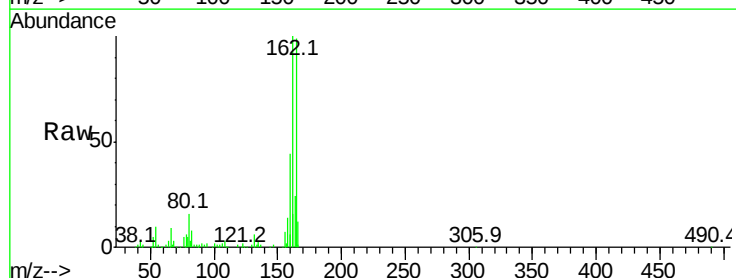
Tgt Ion: 164 Resp: 114351

Ion Ratio Lower Upper

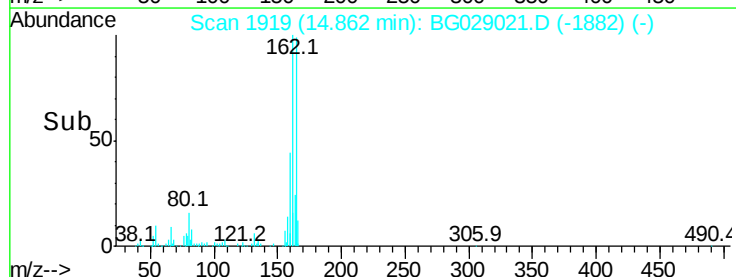
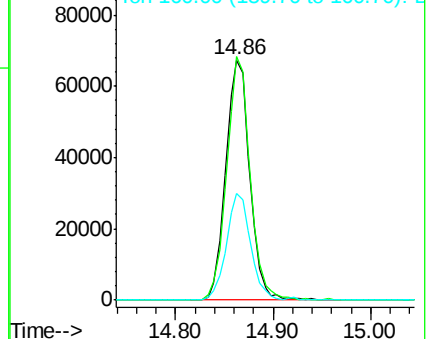
164 100

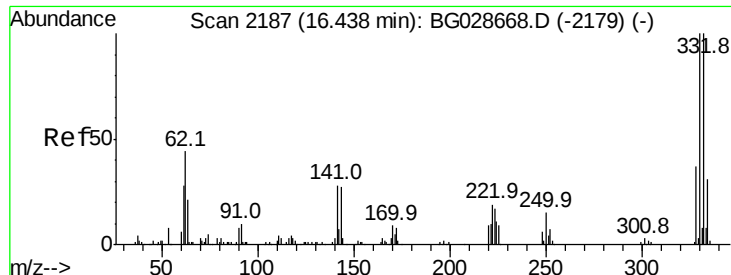
162 101.5 85.1 127.7

160 44.3 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

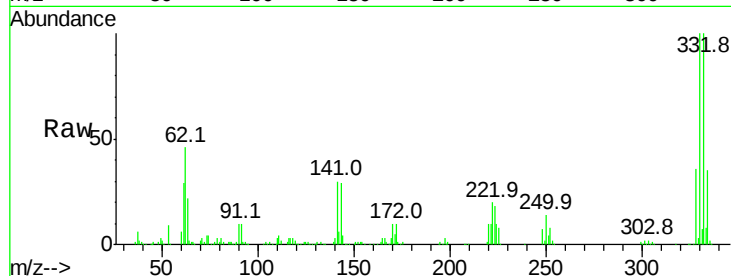




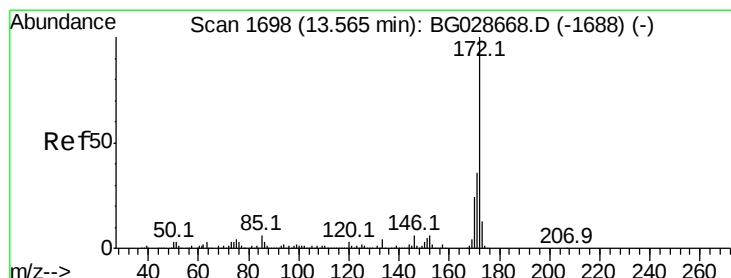
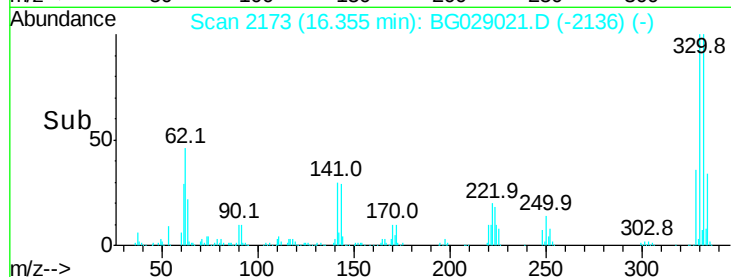
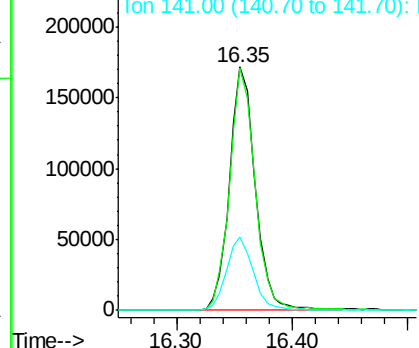
#41
 2,4,6-Tribromophenol
 Concen: 141.192 ng
 RT: 16.35 min Scan# 2173
 Delta R.T. -0.08 min
 Lab File: BG029021.D
 Acq: 4 Oct 2017 1:55

Instrument :
 BNA_G
 ClientSampleId :
 PB102869TB

Tot Ion:330 Resp: 267036
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.3 115.9
 141 31.0 32.1 48.1#

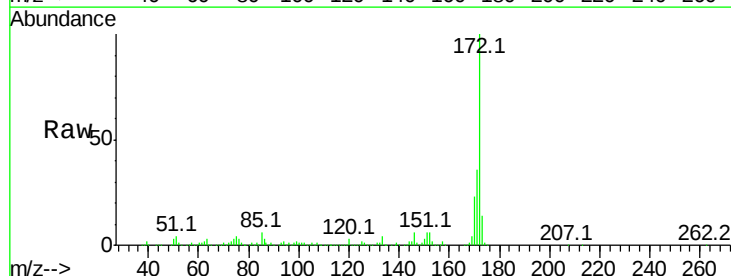


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

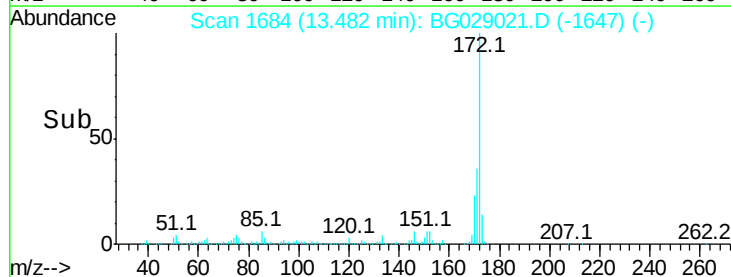
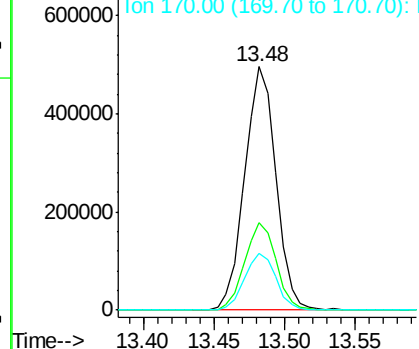


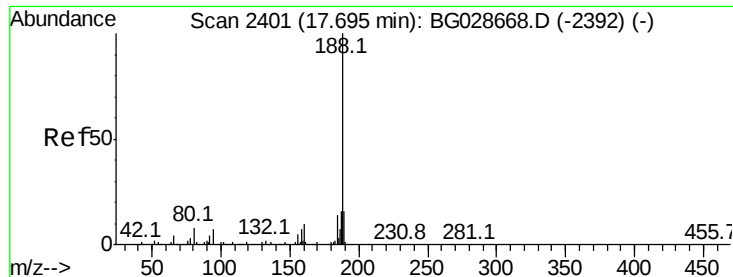
#44
 2-Fluorobiphenyl
 Concen: 89.742 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.08 min
 Lab File: BG029021.D
 Acq: 4 Oct 2017 1:55

Tgt Ion:172 Resp: 769605
 Ion Ratio Lower Upper
 172 100
 171 35.8 32.2 48.2
 170 23.1 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: 17.61 min Scan# 2387

Delta R.T. -0.08 min

Lab File: BG029021.D

Acq: 4 Oct 2017 1:55

Instrument :

BNA_G

ClientSampleId :

PB102869TB

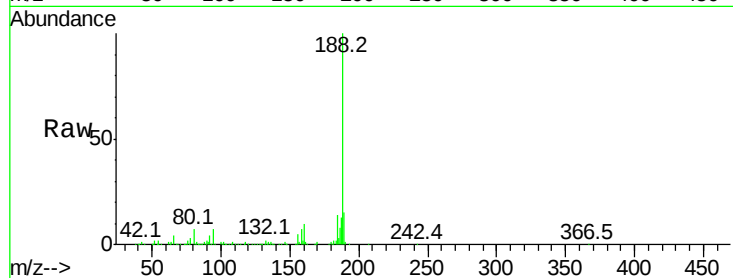
Tot Ion:188 Resp: 306877

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.8

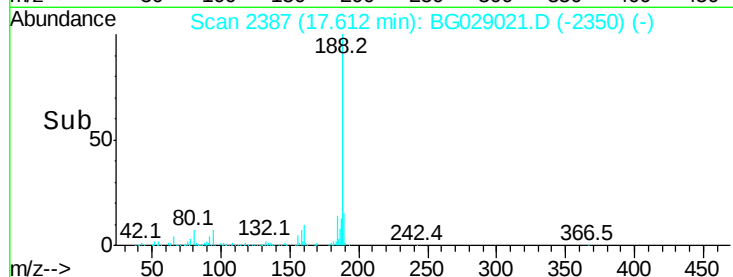
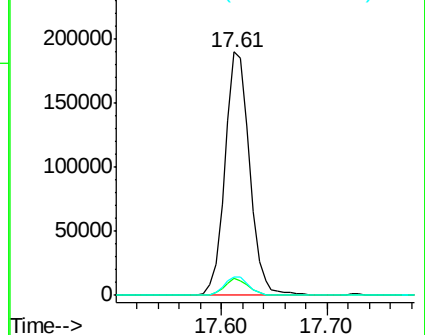
80 7.4 7.5 11.3#



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: 21.92 min Scan# 3121

Delta R.T. -0.11 min

Lab File: BG029021.D

Acq: 4 Oct 2017 1:55

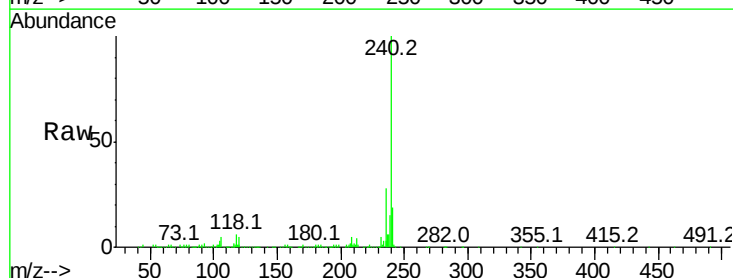
Tgt Ion:240 Resp: 353352

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

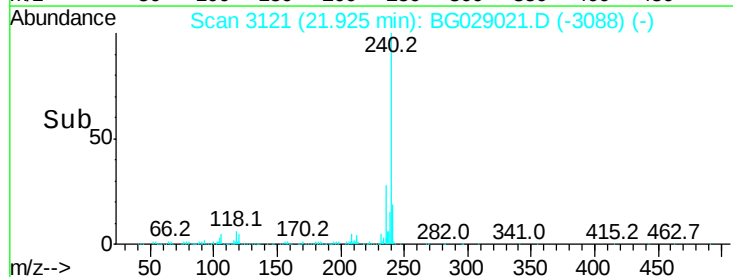
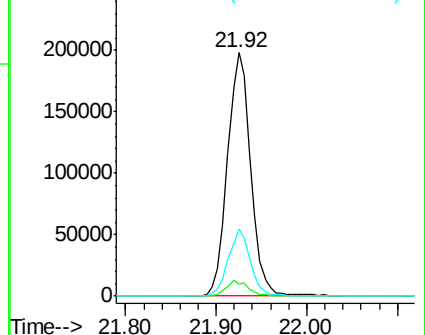
236 27.7 22.2 33.4

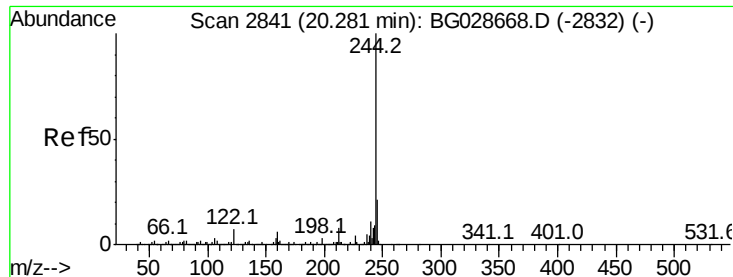


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.887 ng

RT: 20.20 min Scan# 2828

Delta R.T. -0.08 min

Lab File: BG029021.D

Acq: 4 Oct 2017 1:55

Instrument :

BNA_G

ClientSampleId :

PB102869TB

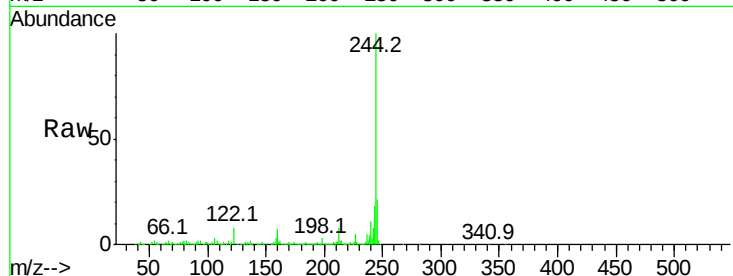
Tot Ion:244 Resp: 1555640

Ion Ratio Lower Upper

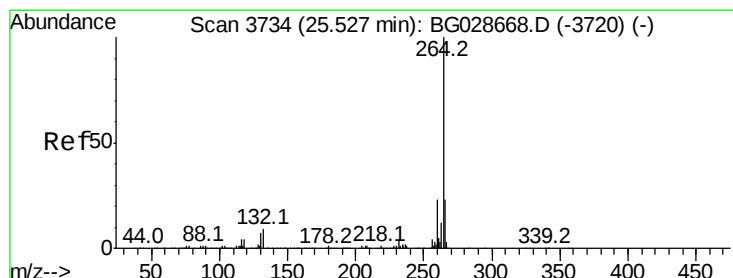
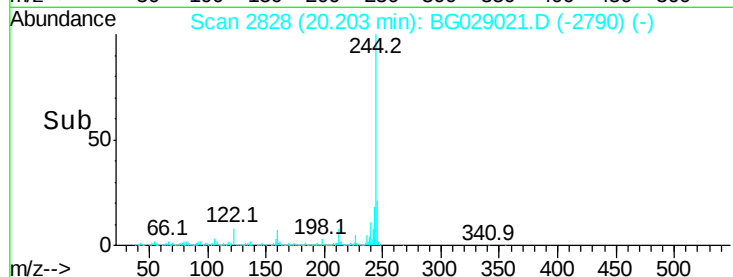
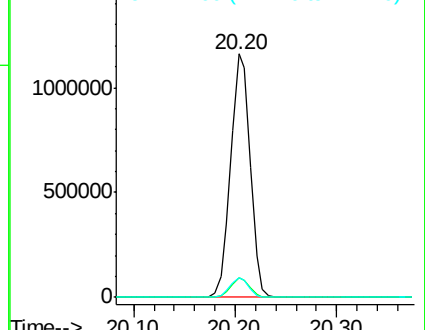
244 100

212 7.8 10.0 15.0#

122 7.8 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: 25.34 min Scan# 3703

Delta R.T. -0.18 min

Lab File: BG029021.D

Acq: 4 Oct 2017 1:55

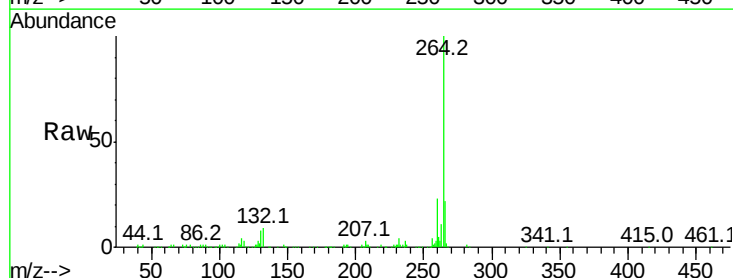
Tgt Ion:264 Resp: 339433

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 21.9 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

