

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
 Data File : BG028888.D
 Acq On : 22 Sep 2017 23:58
 Operator : SJ/JU
 Sample : I5301-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170608-COMP-A

Quant Time: Sep 23 01:00:03 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

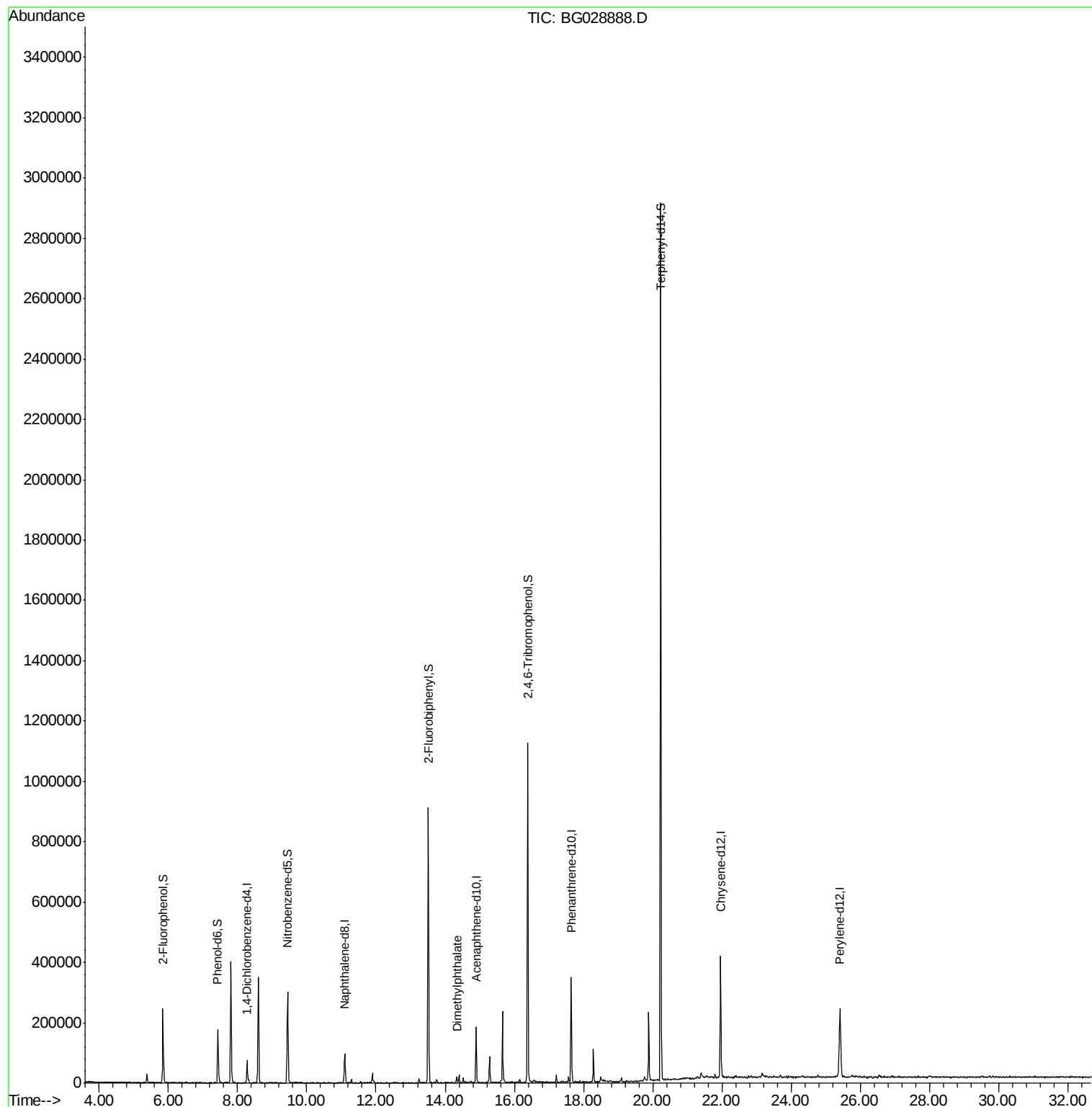
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	22556	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	90359	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	69663	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	226818	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	271893	20.00	ng	-0.07
86) Perylene-d12	25.41	264	284761	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	107029	78.30	ng	-0.06
7) Phenol-d6	7.43	99	109035	52.98	ng	-0.06
23) Nitrobenzene-d5	9.45	82	198192	104.93	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	241474	209.58	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	520572	99.64	ng	-0.05
78) Terphenyl-d14	20.23	244	1364671	107.04	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.33	163	16068	2.751	ng	Qvalue # 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028888.D

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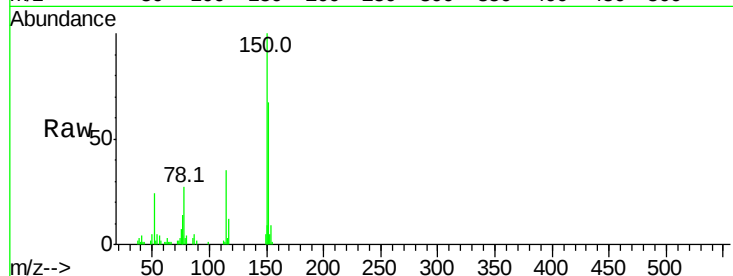
Tot Ion:152 Resp: 22556

Ion Ratio Lower Upper

152 100

150 148.5 114.0 171.0

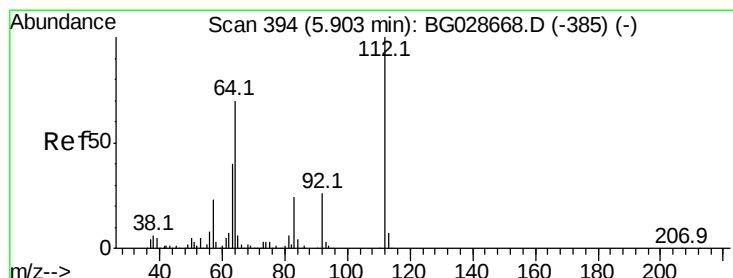
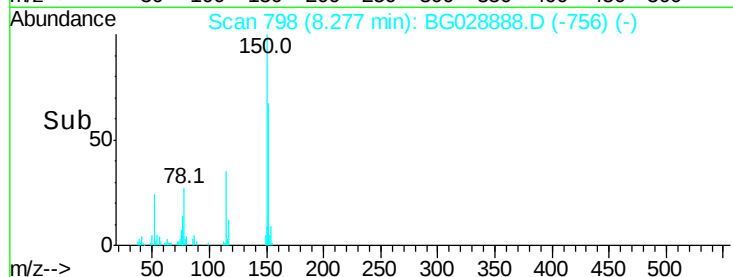
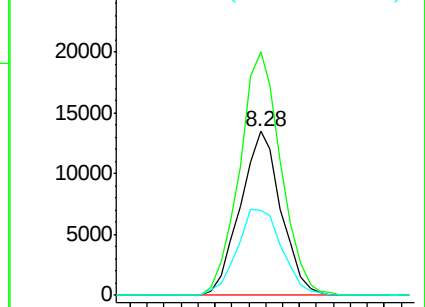
115 52.1 48.1 72.1



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: 78.295 ng

RT: 5.84 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028888.D

Acq: 22 Sep 2017 23:58

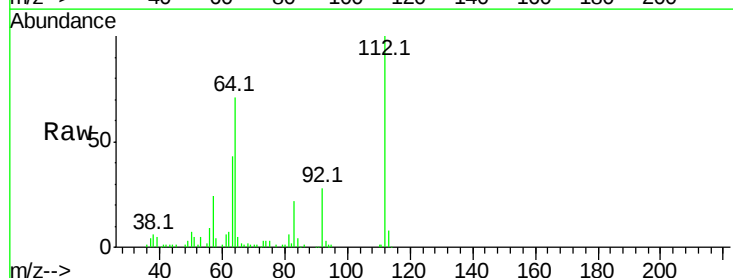
Tgt Ion:112 Resp: 107029

Ion Ratio Lower Upper

112 100

64 70.7 61.8 92.6

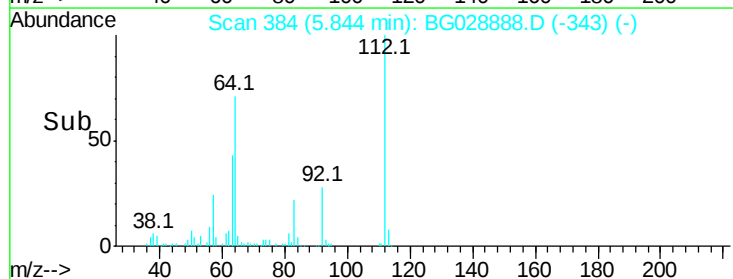
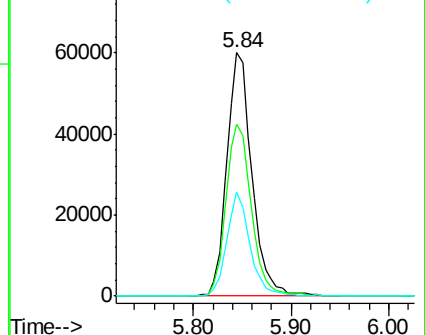
63 42.6 37.2 55.8

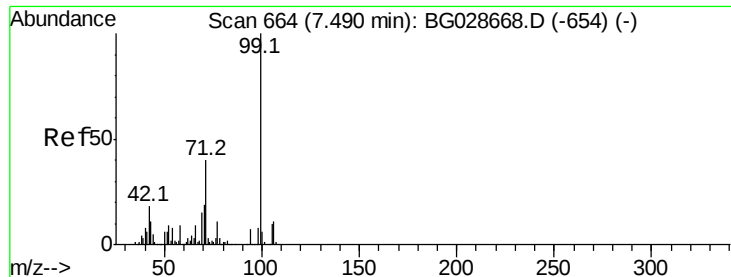


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 52.977 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028888.D

Acq: 22 Sep 2017 23:58

Instrument :

BNA_G

ClientSampleId :

20170608-COMP-A

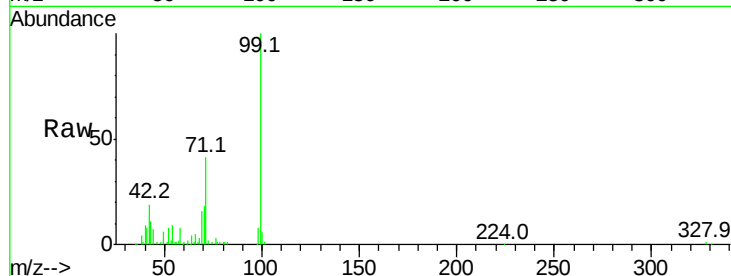
Tot Ion: 99 Resp: 109035

Ion Ratio Lower Upper

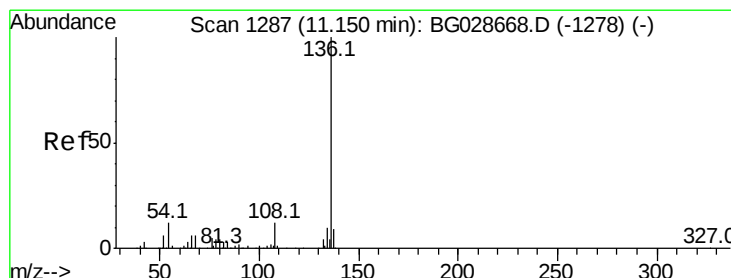
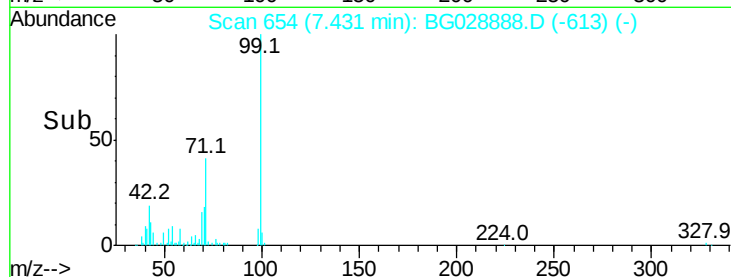
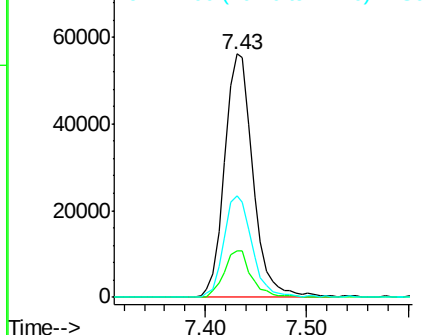
99 100

42 19.2 20.5 30.7#

71 41.4 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: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028888.D

Acq: 22 Sep 2017 23:58

Tgt Ion: 136 Resp: 90359

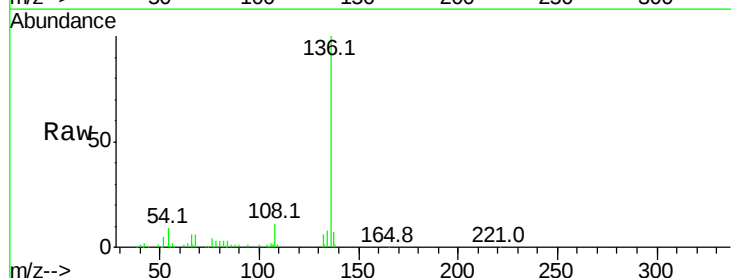
Ion Ratio Lower Upper

136 100

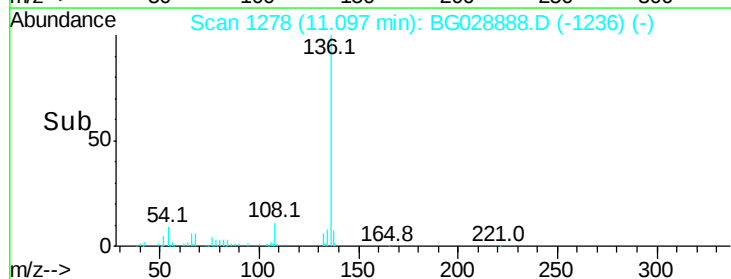
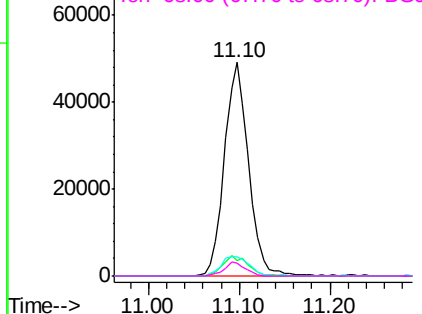
137 7.4 8.9 13.3#

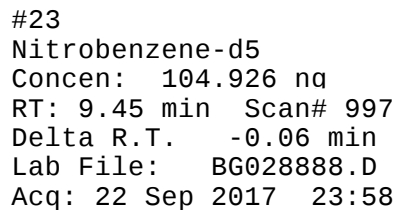
54 8.8 9.3 13.9#

68 5.9 5.1 7.7



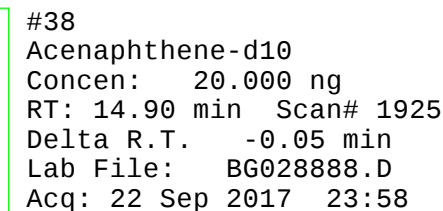
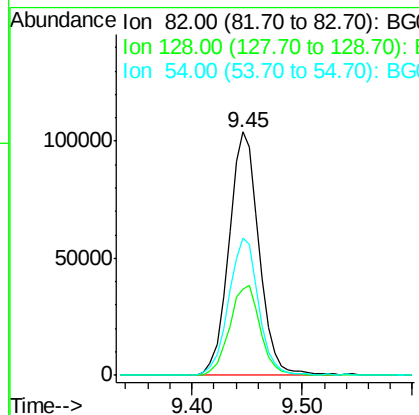
Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



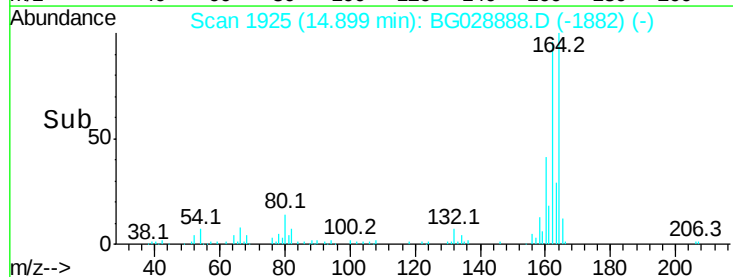
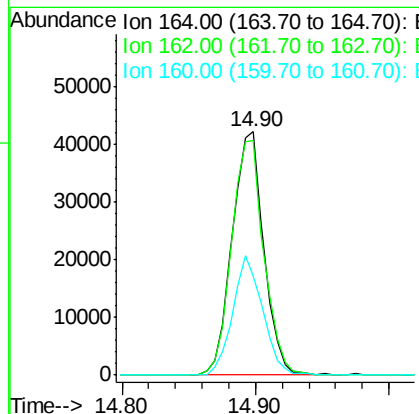


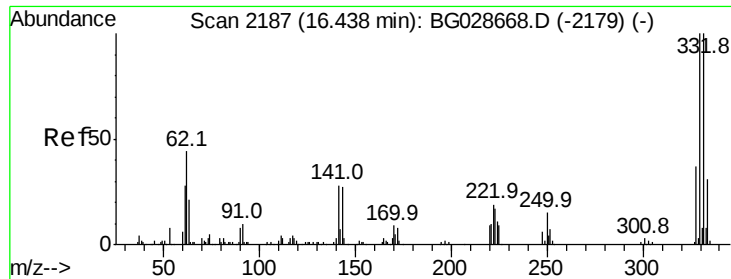
Instrument :
BNA_G
ClientSampleId :
20170608-COMP-A

Tot	Ion: 82	Resp:	198192
Ion	Ratio	Lower	Upper
82	100		
128	35.2	26.4	39.6
54	56.4	49.4	74.2



Tgt	Ion:164	Resp:	69663
Ion	Ratio	Lower	Upper
164	100		
162	96.4	85.1	127.7
160	40.7	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 209.579 ng

RT: 16.39 min Scan# 2178

Delta R.T. -0.05 min

Lab File: BG028888.D

Acq: 22 Sep 2017 23:58

Instrument :

BNA_G

ClientSampleId :

20170608-COMP-A

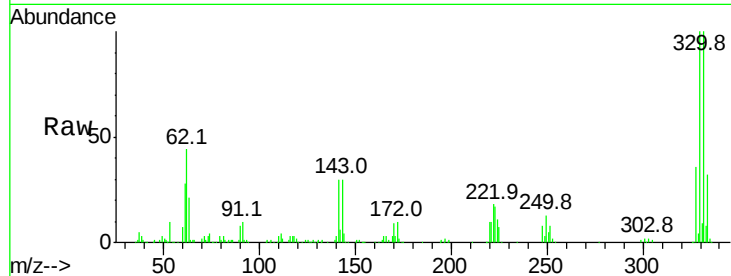
Tot Ion:330 Resp: 241474

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 30.7 32.1 48.1#

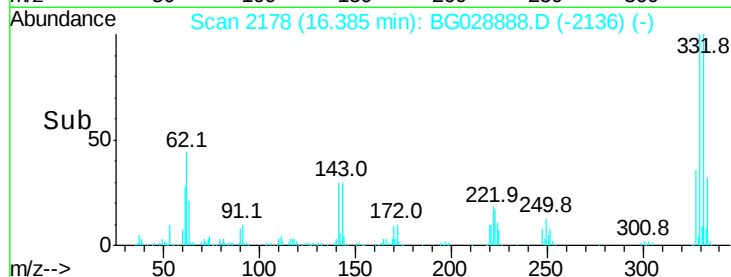


Abundance Ion 329.80 (329.50 to 330.50): E

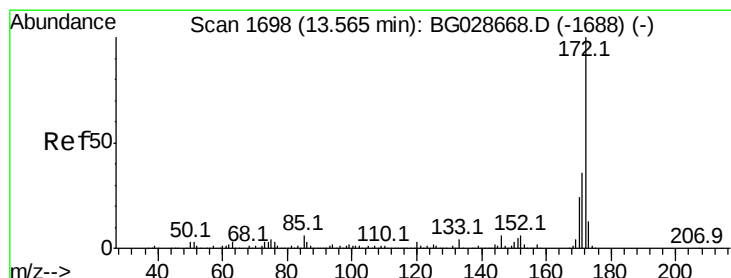
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#44

2-Fluorobiphenyl

Concen: 99.643 ng

RT: 13.51 min Scan# 1689

Delta R.T. -0.05 min

Lab File: BG028888.D

Acq: 22 Sep 2017 23:58

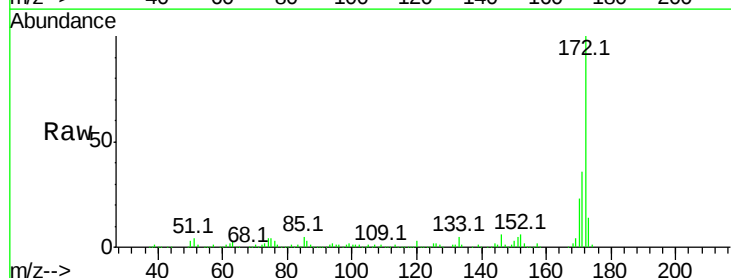
Tgt Ion:172 Resp: 520572

Ion Ratio Lower Upper

172 100

171 36.0 32.2 48.2

170 22.6 21.8 32.6

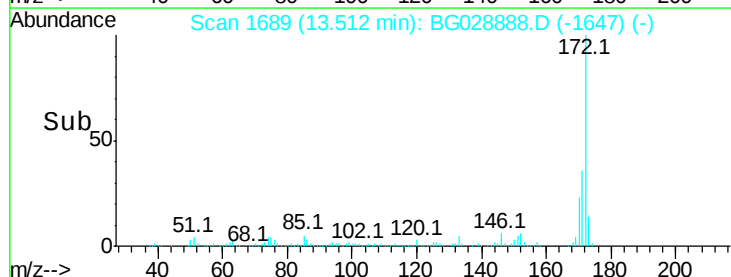


Abundance Ion 172.00 (171.70 to 172.70): E

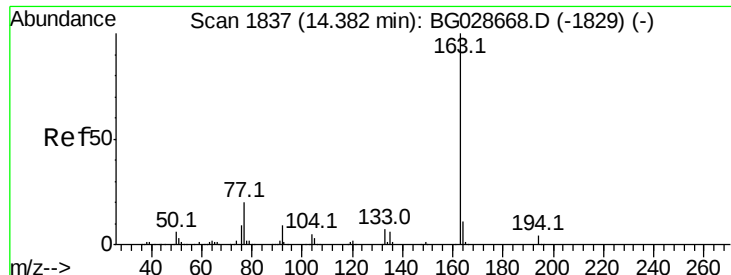
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->



Time-->



#49

Dimethylphthalate

Concen: 2.751 ng

RT: 14.33 min Scan# 1829

Delta R.T. -0.05 min

Lab File: BG028888.D

Acq: 22 Sep 2017 23:58

Instrument :

BNA_G

ClientSampleId :

20170608-COMP-A

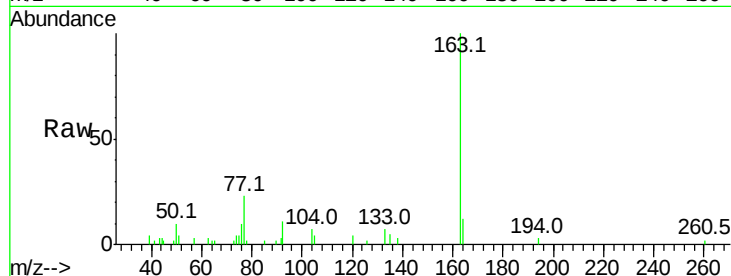
Tot Ion:163 Resp: 16068

Ion Ratio Lower Upper

163 100

194 3.4 3.8 5.6#

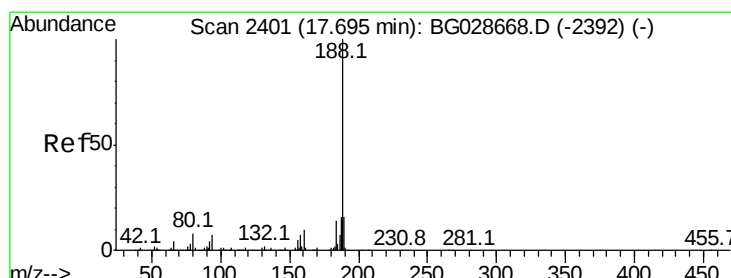
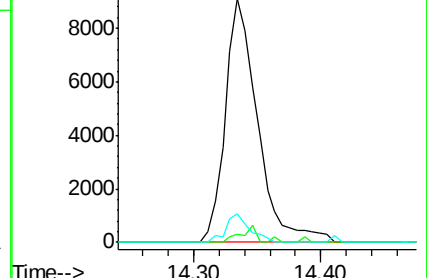
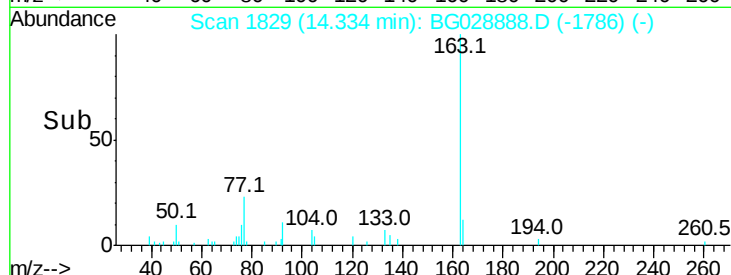
164 11.7 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028888.D

Acq: 22 Sep 2017 23:58

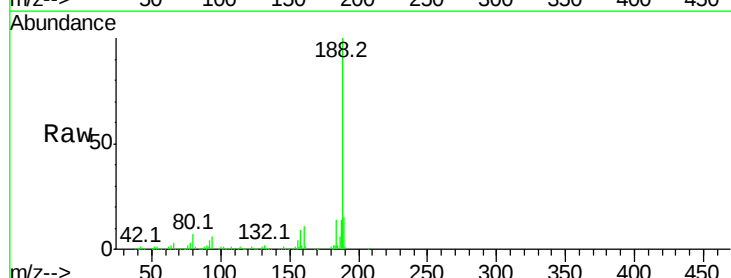
Tgt Ion:188 Resp: 226818

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

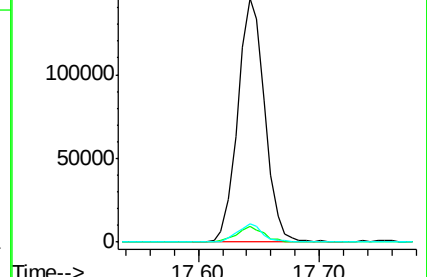
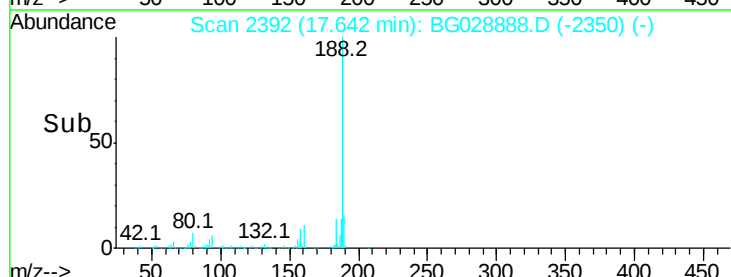
80 7.5 7.5 11.3#



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: 21.96 min Scan# 3127

Delta R.T. -0.07 min

Lab File: BG028888.D

Acq: 22 Sep 2017 23:58

Instrument :

BNA_G

ClientSampleId :

20170608-COMP-A

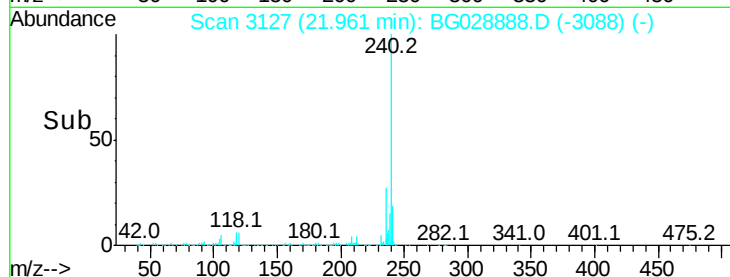
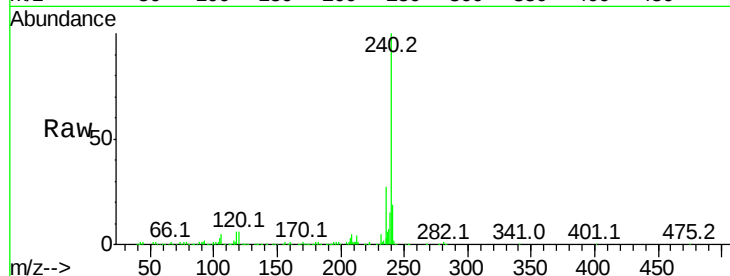
Tot Ion:240 Resp: 271893

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

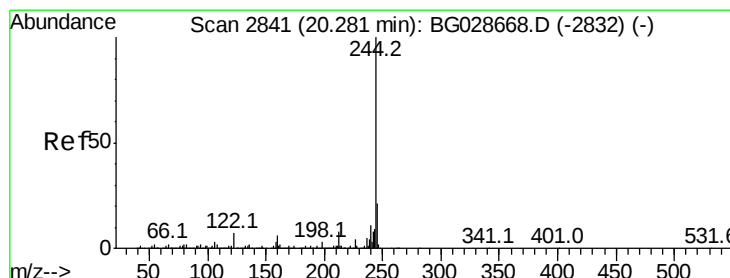
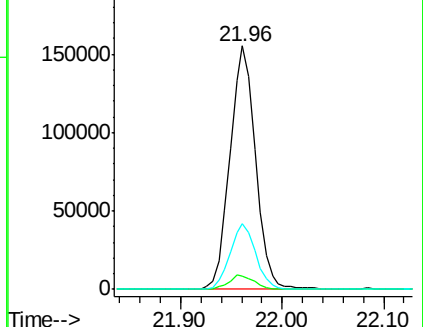
236 27.1 22.2 33.4



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: 107.037 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028888.D

Acq: 22 Sep 2017 23:58

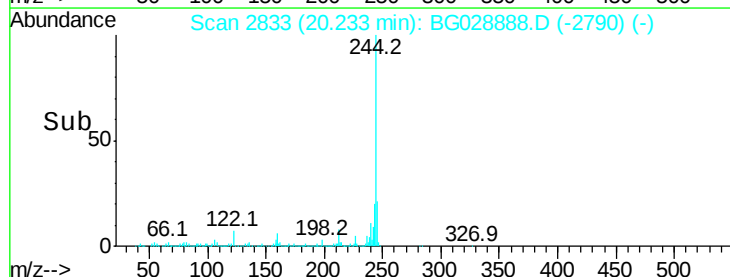
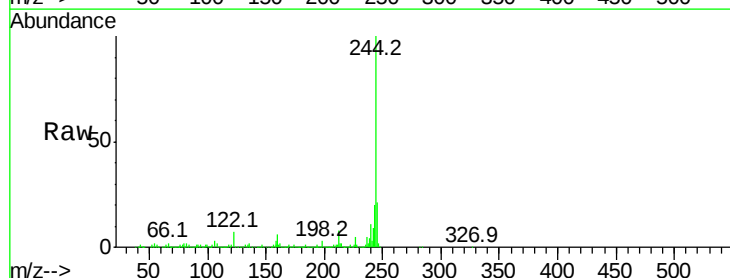
Tgt Ion:244 Resp: 1364671

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

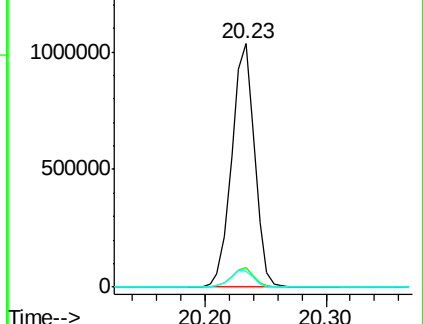
122 6.7 8.6 12.8#

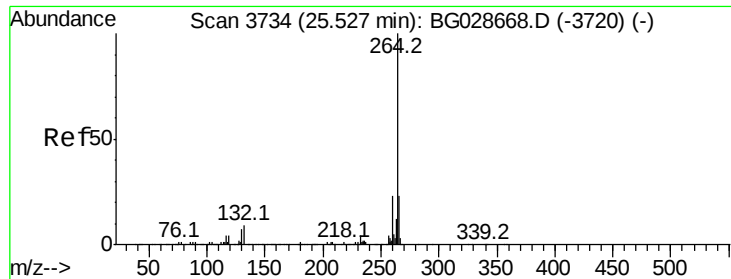


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.41 min Scan# 3714
 Delta R.T. -0.12 min
 Lab File: BG028888.D
 Acq: 22 Sep 2017 23:58

Instrument :
 BNA_G
 ClientSampleId :
 20170608-COMP-A

Tot Ion:264 Resp: 284761
 Ion Ratio Lower Upper
 264 100
 260 21.5 21.8 32.8#
 265 19.7 18.2 27.4

