

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028893.D
 Acq On : 23 Sep 2017 11:40
 Operator : SJ/JU
 Sample : I5321-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170611-COMP-B

Quant Time: Sep 25 01:44:38 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	25951	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	100411	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	77004	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	241714	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	285147	20.00	ng	-0.07
86) Perylene-d12	25.41	264	301743	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	125721	79.94	ng	-0.06
7) Phenol-d6	7.43	99	114767	48.47	ng	-0.06
23) Nitrobenzene-d5	9.45	82	219369	104.51	ng	-0.06
41) 2,4,6-Tribromophenol	16.38	330	255095	200.29	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	579264	100.31	ng	-0.05
78) Terphenyl-d14	20.23	244	1384610	103.55	ng	-0.05

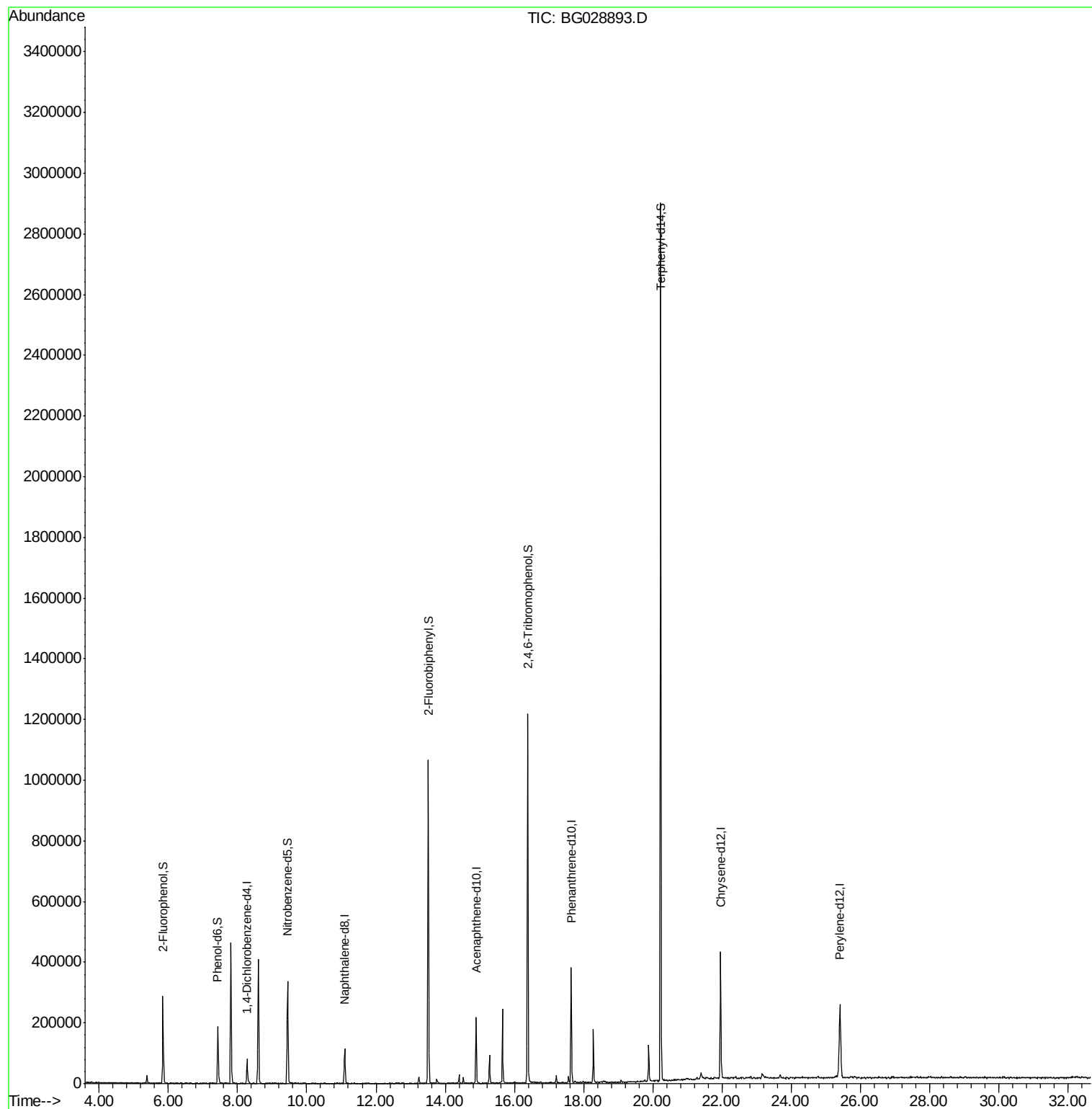
Target Compounds Qvalue

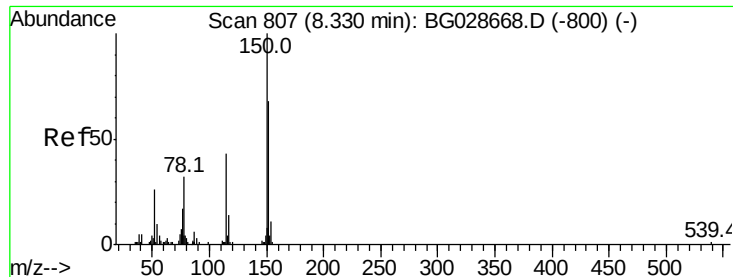
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028893.D

Acq: 23 Sep 2017 11:40

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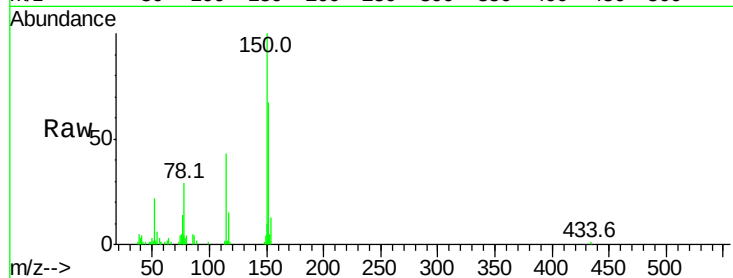
Tot Ion:152 Resp: 25951

Ion Ratio Lower Upper

152 100

150 148.4 114.0 171.0

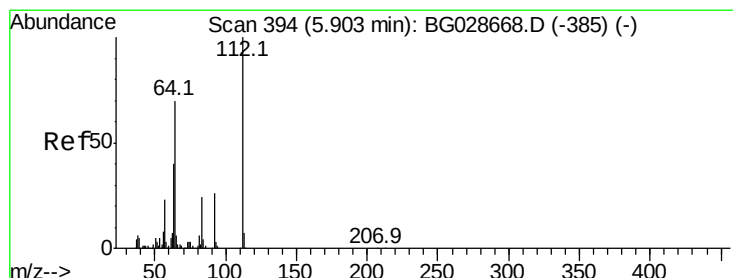
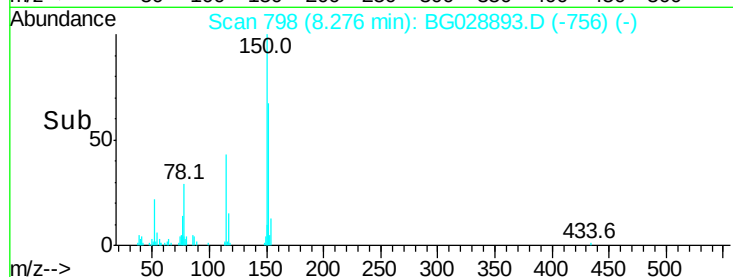
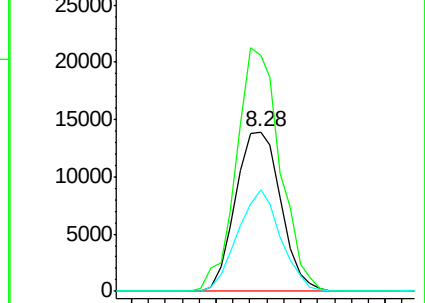
115 63.4 48.1 72.1



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: 79.937 ng

RT: 5.84 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028893.D

Acq: 23 Sep 2017 11:40

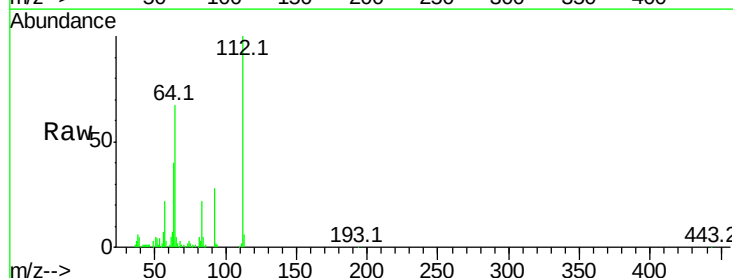
Tgt Ion:112 Resp: 125721

Ion Ratio Lower Upper

112 100

64 66.7 61.8 92.6

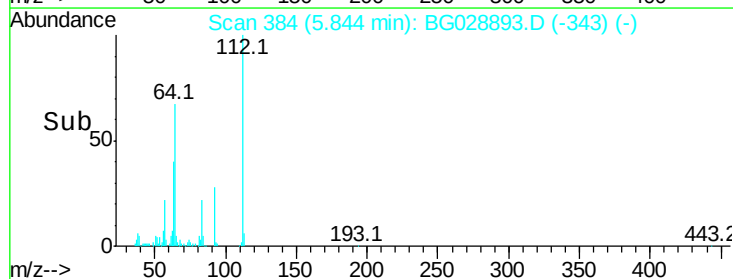
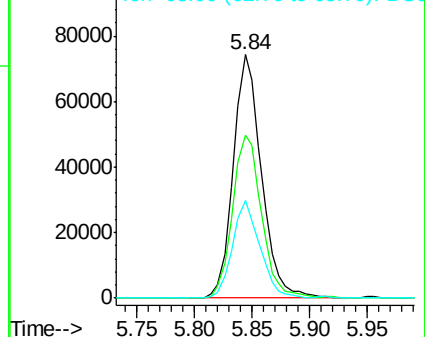
63 40.3 37.2 55.8

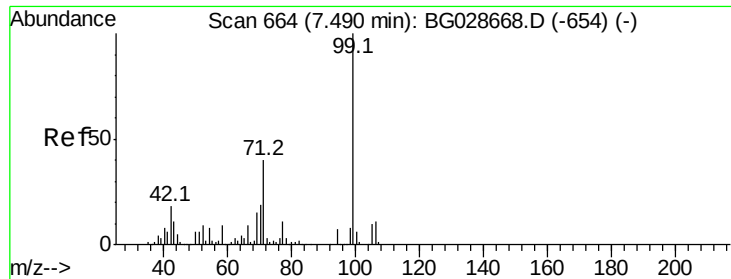


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 48.467 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028893.D

Acq: 23 Sep 2017 11:40

Instrument :

BNA_G

ClientSampleId :

20170611-COMP-B

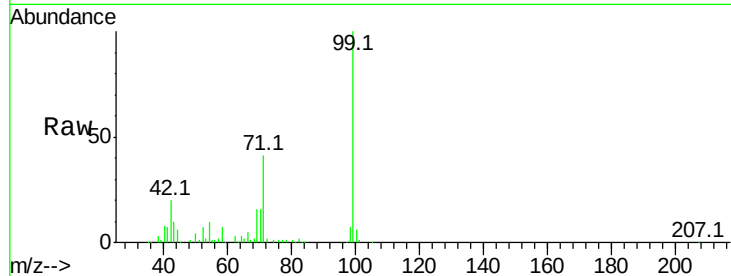
Tot Ion: 99 Resp: 114767

Ion Ratio Lower Upper

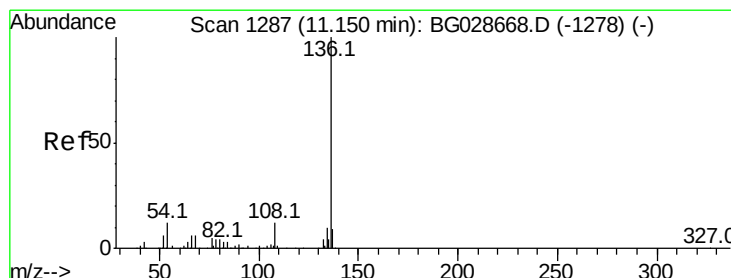
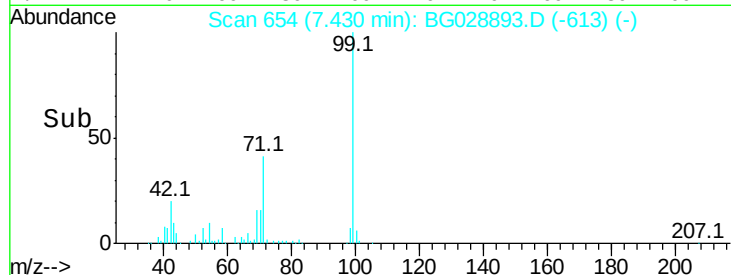
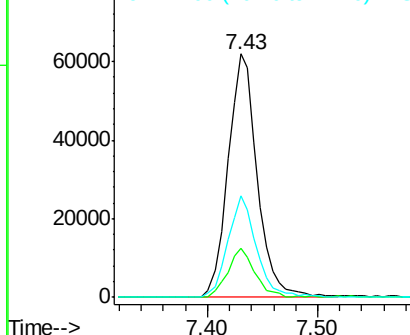
99 100

42 20.0 20.5 30.7#

71 41.5 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: BG028893.D

Acq: 23 Sep 2017 11:40

Tgt Ion: 136 Resp: 100411

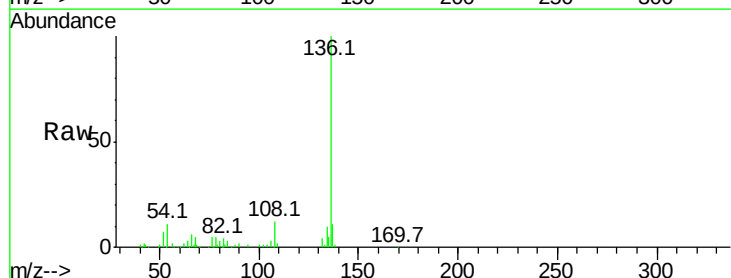
Ion Ratio Lower Upper

136 100

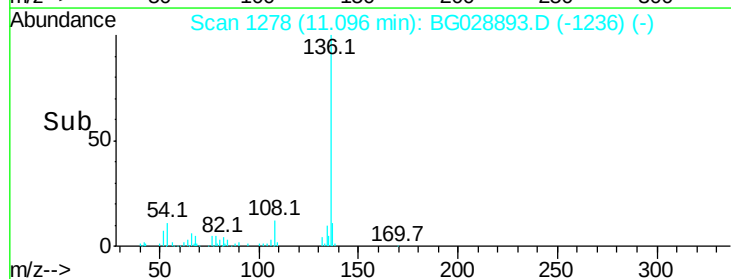
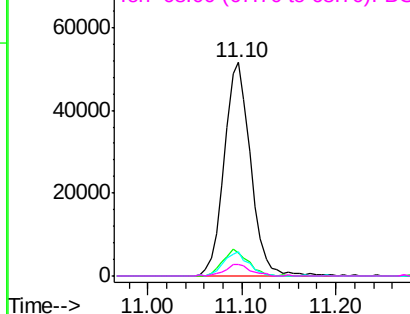
137 11.0 8.9 13.3

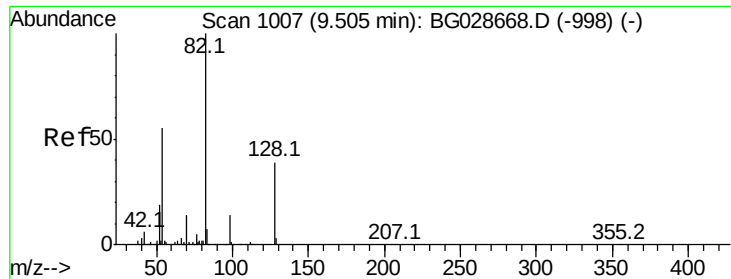
54 11.4 9.3 13.9

68 5.4 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

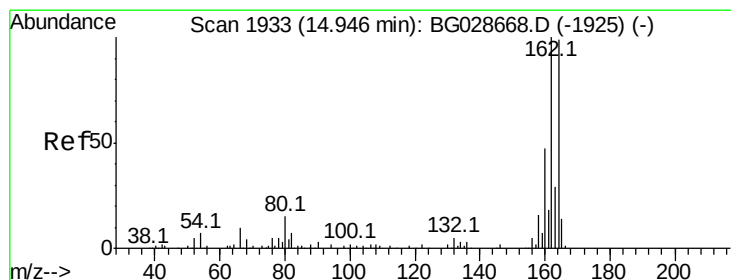
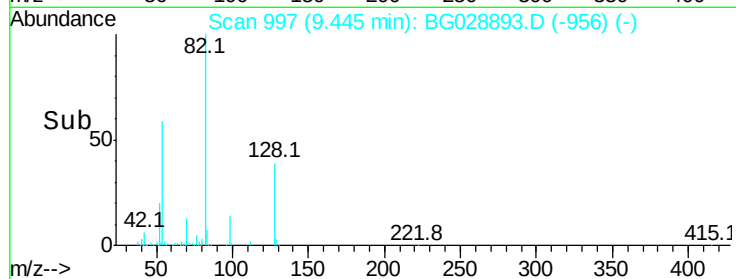
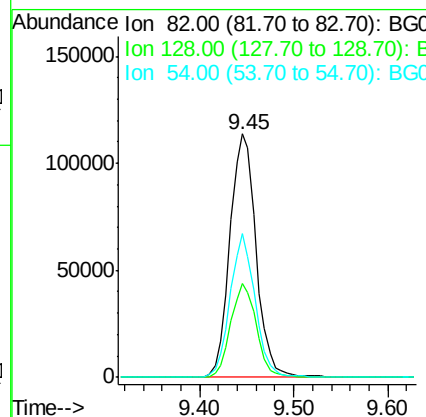
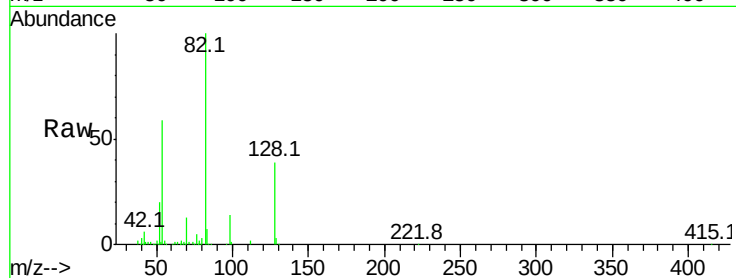




#23
Nitrobenzene-d5
Concen: 104.511 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028893.D
Acq: 23 Sep 2017 11:40

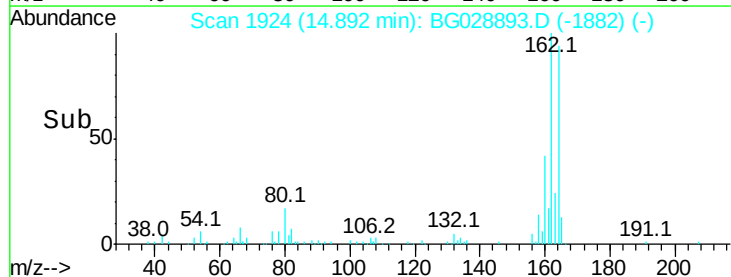
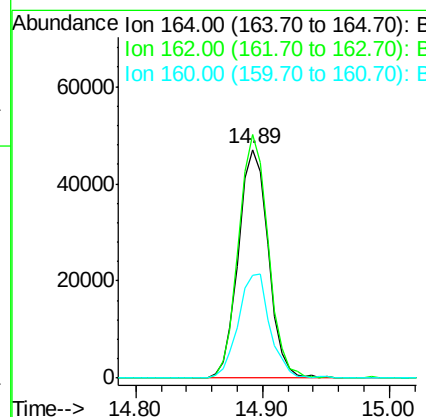
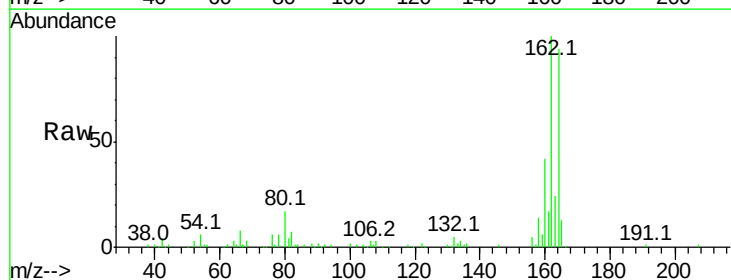
Instrument :
BNA_G
ClientSampleId :
20170611-COMP-B

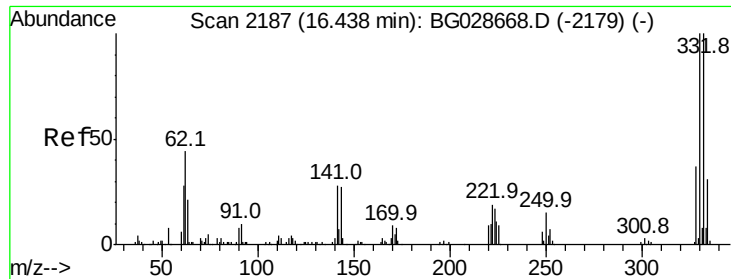
Tot Ion	82	Resp	219369
Ion Ratio	Lower	Upper	
82	100		
128	38.7	26.4	39.6
54	59.1	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028893.D
Acq: 23 Sep 2017 11:40

Tgt Ion	164	Resp	77004
Ion Ratio	Lower	Upper	
164	100		
162	106.4	85.1	127.7
160	44.9	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 200.295 ng

RT: 16.38 min Scan# 2178

Delta R.T. -0.05 min

Lab File: BG028893.D

Acq: 23 Sep 2017 11:40

Instrument :

BNA_G

ClientSampleId :

20170611-COMP-B

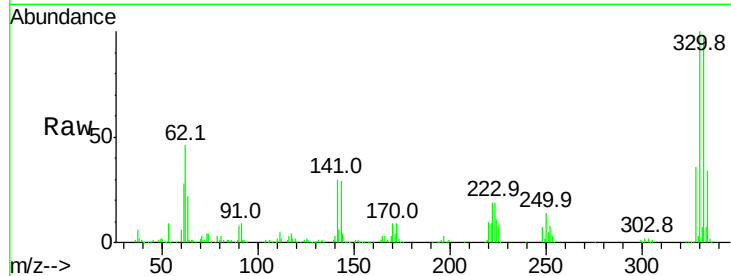
Tot Ion:330 Resp: 255095

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

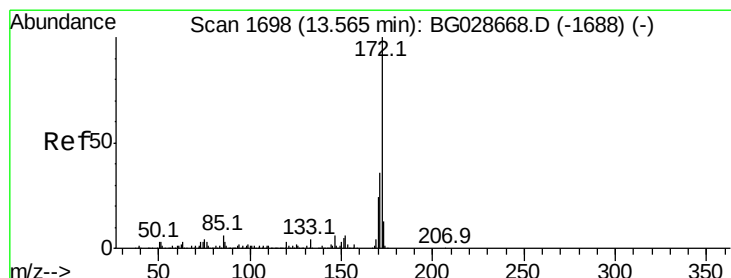
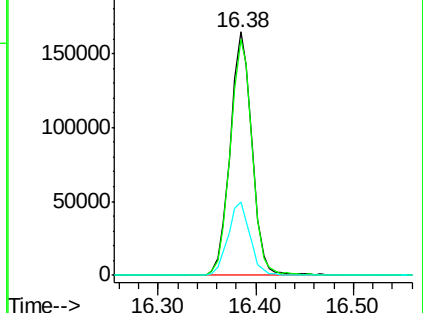
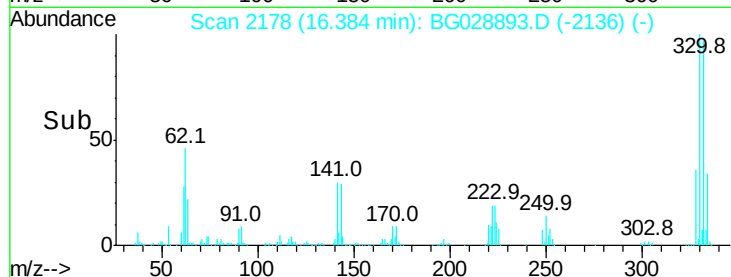
141 30.3 32.1 48.1#



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: 100.307 ng

RT: 13.51 min Scan# 1689

Delta R.T. -0.05 min

Lab File: BG028893.D

Acq: 23 Sep 2017 11:40

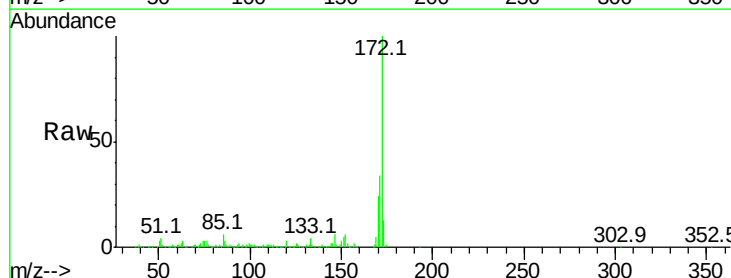
Tgt Ion:172 Resp: 579264

Ion Ratio Lower Upper

172 100

171 33.9 32.2 48.2

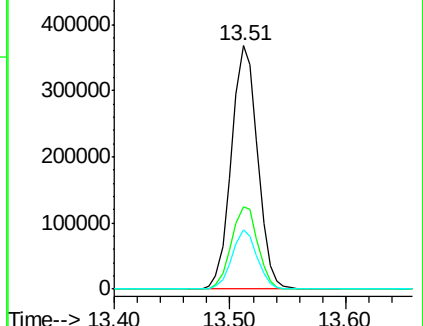
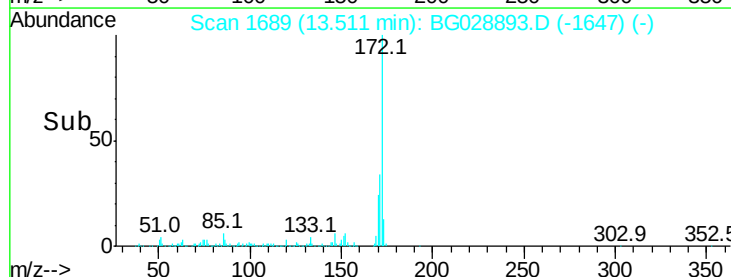
170 24.1 21.8 32.6

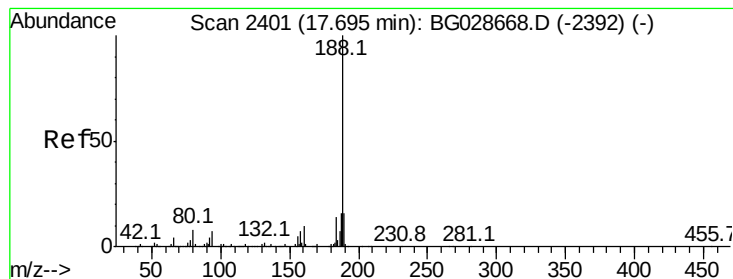


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028893.D

Acq: 23 Sep 2017 11:40

Instrument :

BNA_G

ClientSampleId :

20170611-COMP-B

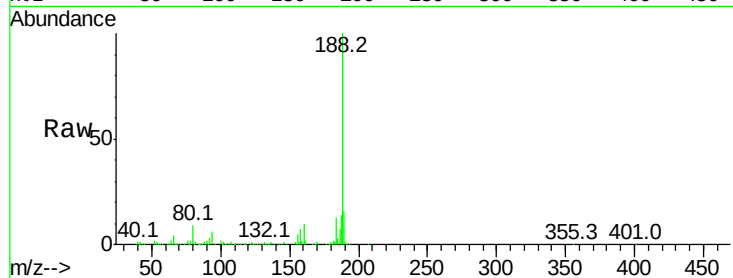
Tot Ion:188 Resp: 241714

Ion Ratio Lower Upper

188 100

94 5.8 5.8 8.8#

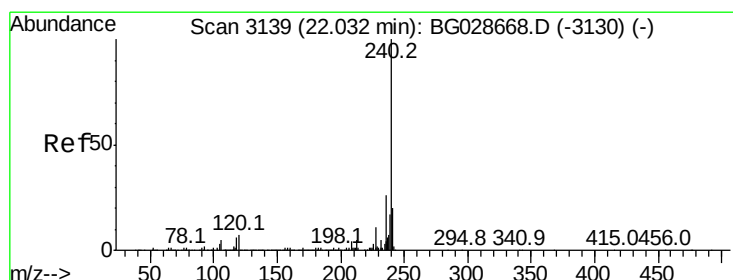
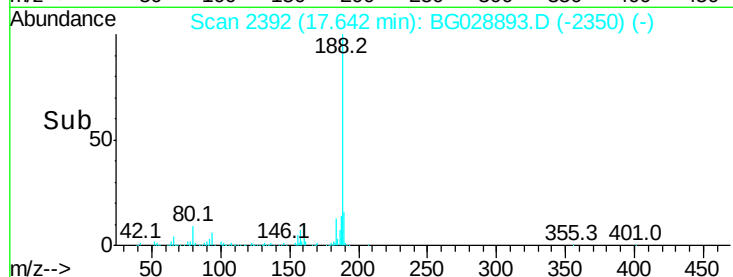
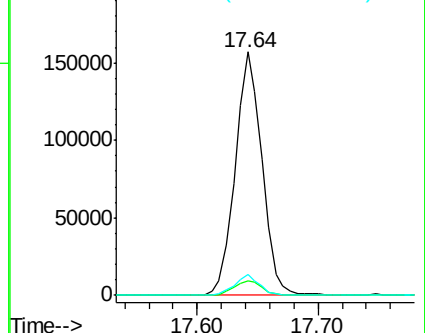
80 8.8 7.5 11.3



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: BG028893.D

Acq: 23 Sep 2017 11:40

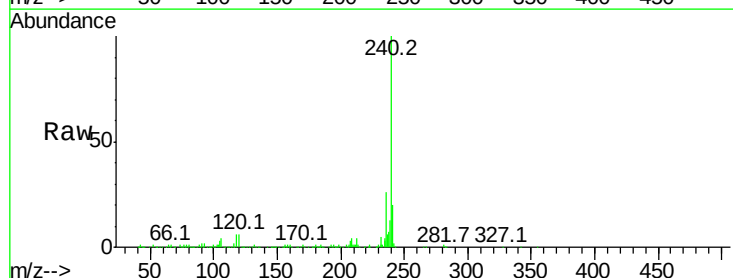
Tgt Ion:240 Resp: 285147

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

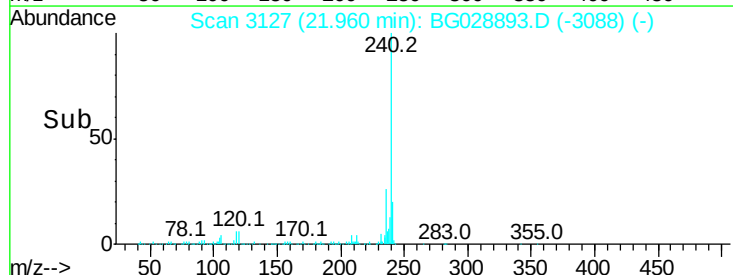
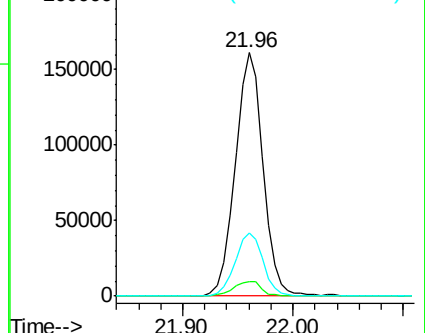
236 26.1 22.2 33.4

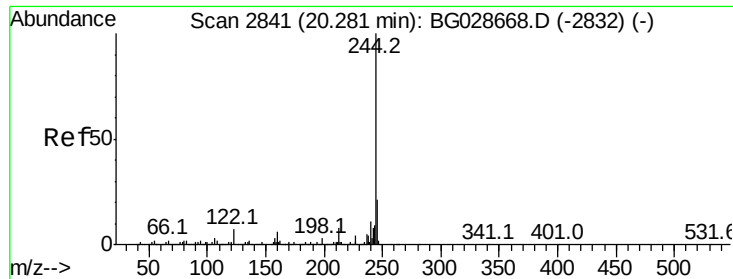


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.553 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028893.D

Acq: 23 Sep 2017 11:40

Instrument :

BNA_G

ClientSampleId :

20170611-COMP-B

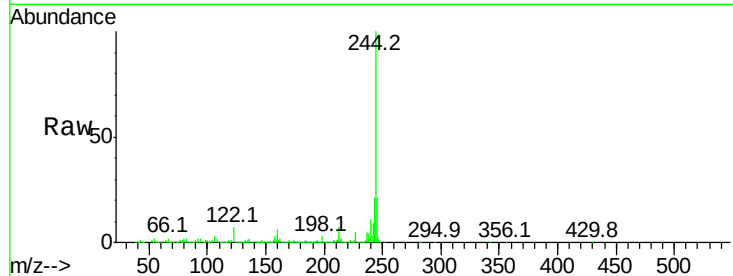
Tot Ion:244 Resp: 1384610

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

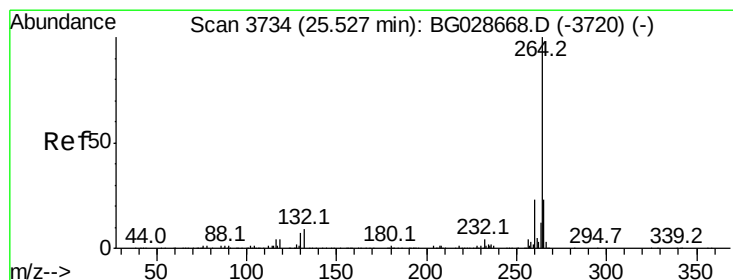
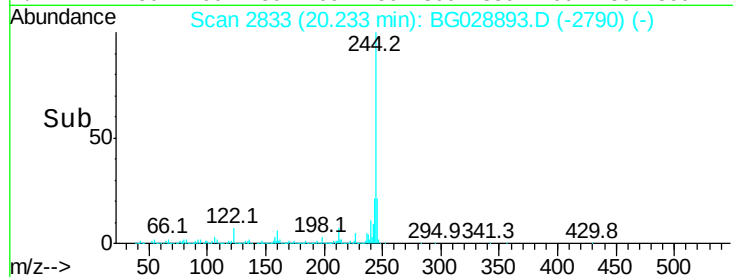
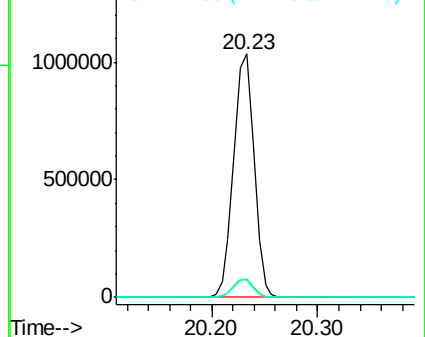
122 7.0 8.6 12.8#



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: 25.41 min Scan# 3714

Delta R.T. -0.12 min

Lab File: BG028893.D

Acq: 23 Sep 2017 11:40

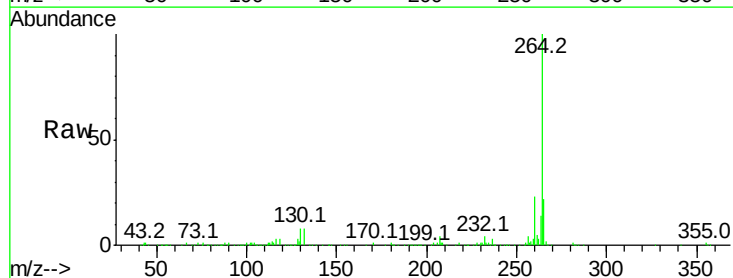
Tgt Ion:264 Resp: 301743

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 22.4 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

