

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028928.D
 Acq On : 26 Sep 2017 4:33
 Operator : SJ/JU
 Sample : I5394-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20-41

Quant Time: Sep 26 06:36:38 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	28413	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	105924	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	75462	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	240170	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	294165	20.00	ng	-0.06
86) Perylene-d12	25.42	264	294685	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	219177	127.28	ng	-0.05
7) Phenol-d6	7.44	99	247647	95.52	ng	-0.05
23) Nitrobenzene-d5	9.45	82	227538	102.76	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	219612	175.96	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	562334	99.37	ng	-0.05
78) Terphenyl-d14	20.24	244	1427898	103.52	ng	-0.05

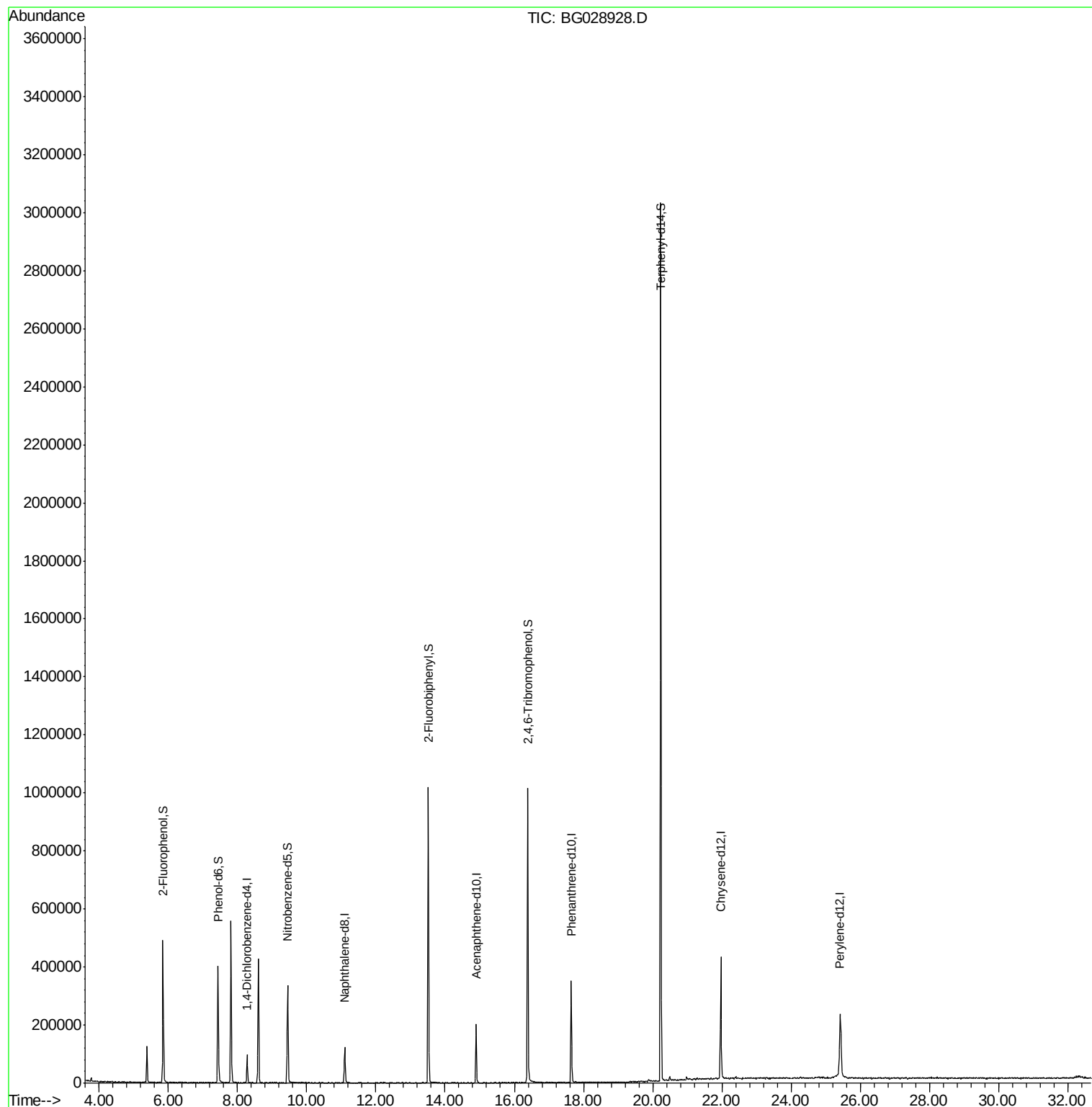
Target Compounds Qvalue

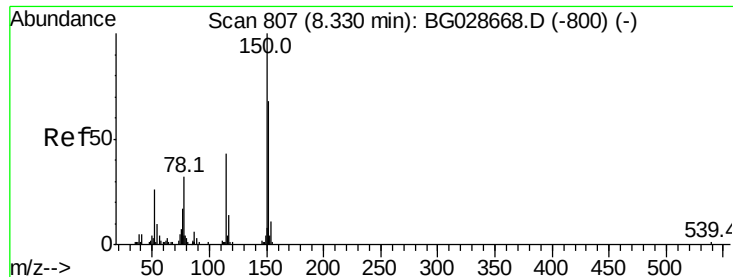
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG028928.D

Acq: 26 Sep 2017 4:33

Instrument :

BNA_G

ClientSampleId :

20-41

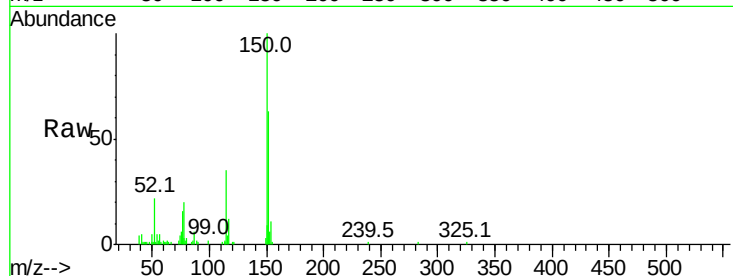
Tot Ion:152 Resp: 28413

Ion Ratio Lower Upper

152 100

150 158.0 114.0 171.0

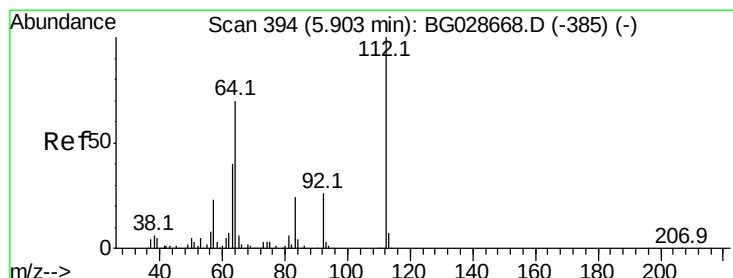
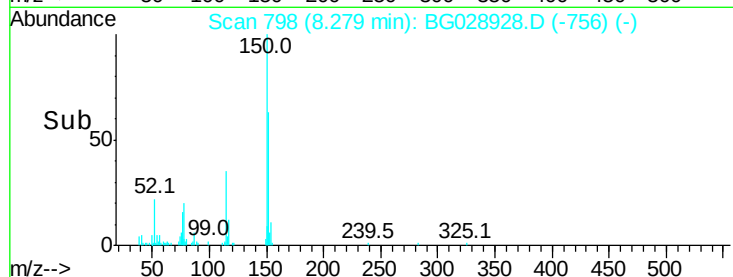
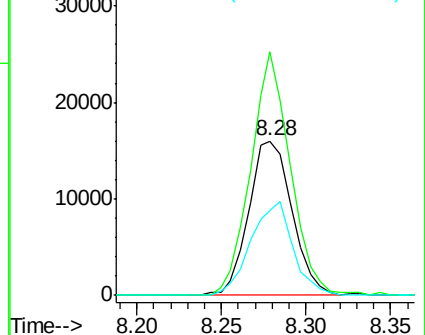
115 55.4 48.1 72.1



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: 127.284 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028928.D

Acq: 26 Sep 2017 4:33

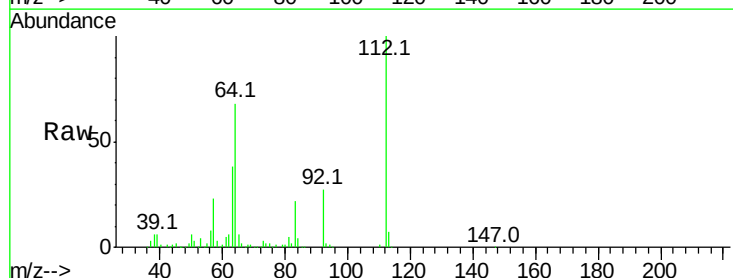
Tgt Ion:112 Resp: 219177

Ion Ratio Lower Upper

112 100

64 67.8 61.8 92.6

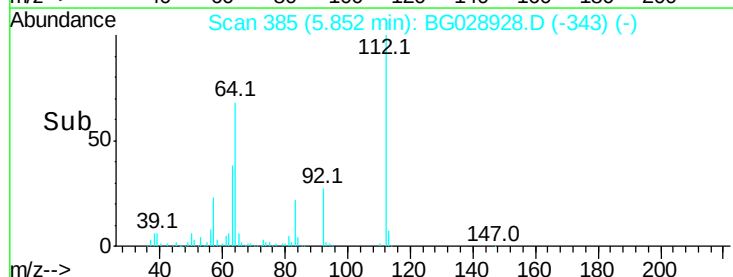
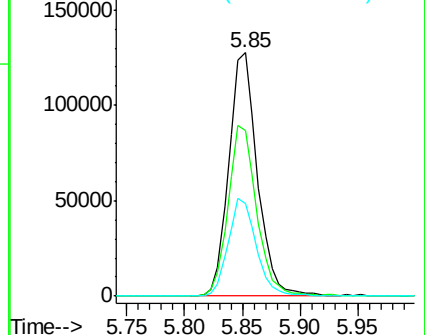
63 38.1 37.2 55.8

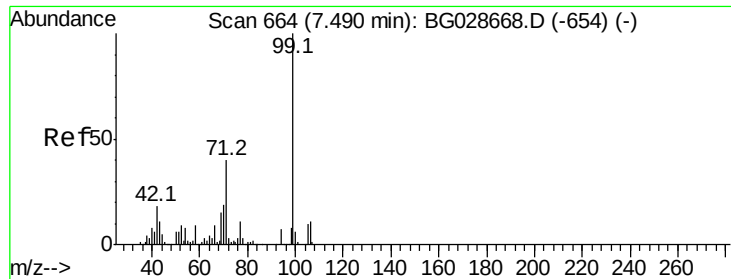


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 95.521 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028928.D

Acq: 26 Sep 2017 4:33

Instrument :

BNA_G

ClientSampleId :

20-41

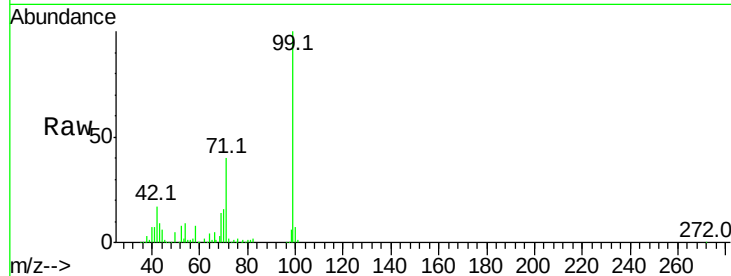
Tot Ion: 99 Resp: 247647

Ion Ratio Lower Upper

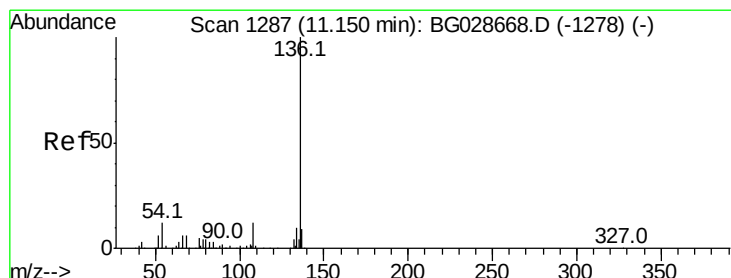
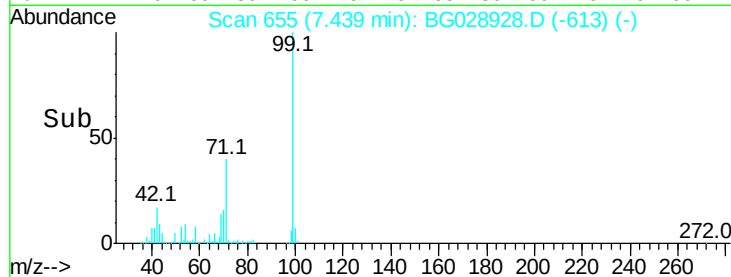
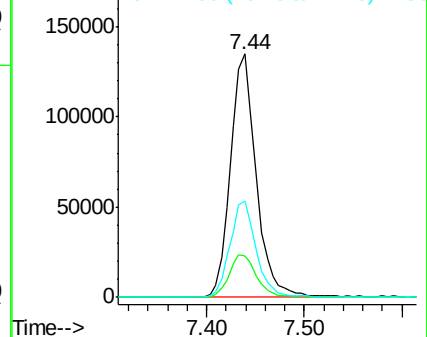
99 100

42 16.8 20.5 30.7#

71 39.8 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: BG028928.D

Acq: 26 Sep 2017 4:33

Tgt Ion: 136 Resp: 105924

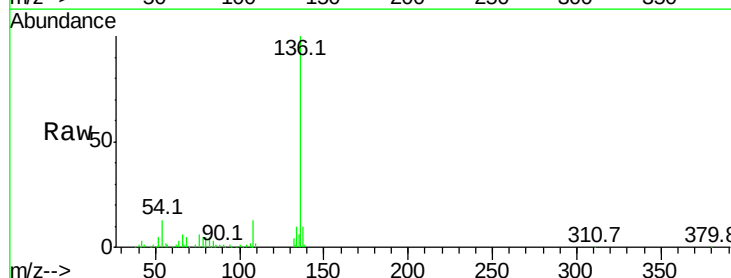
Ion Ratio Lower Upper

136 100

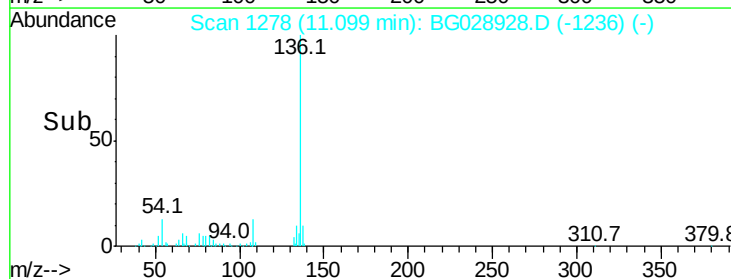
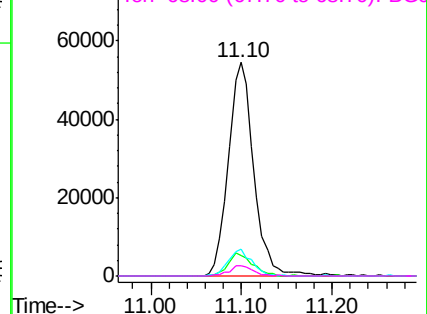
137 9.9 8.9 13.3

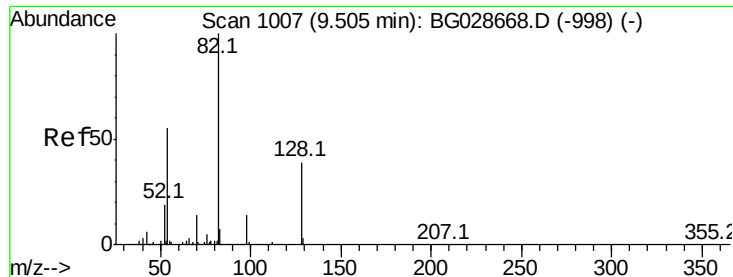
54 12.7 9.3 13.9

68 5.2 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

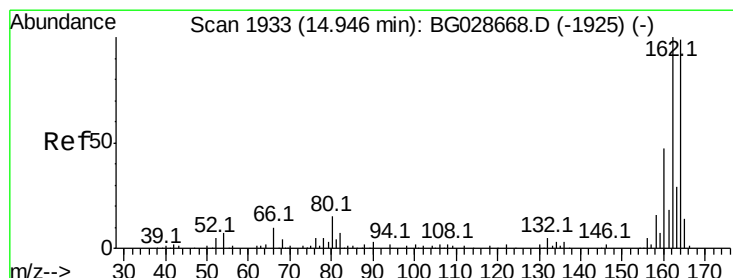
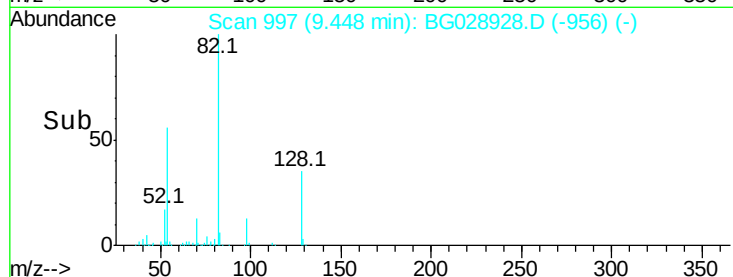
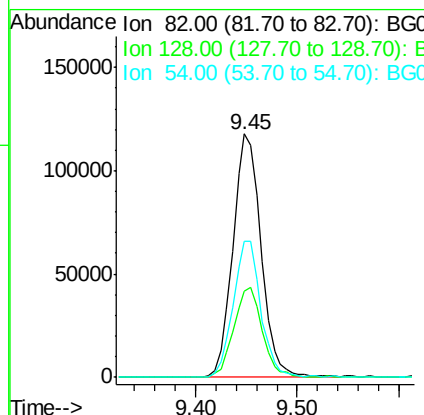
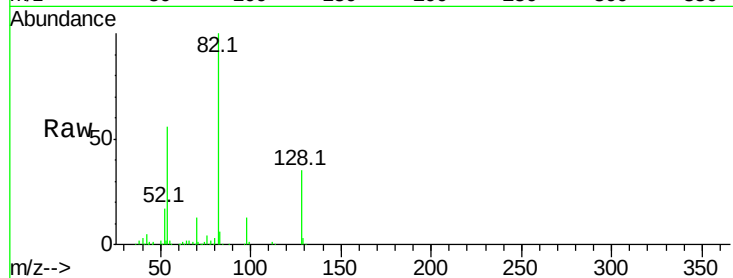




#23
Nitrobenzene-d5
Concen: 102.761 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028928.D
Acq: 26 Sep 2017 4:33

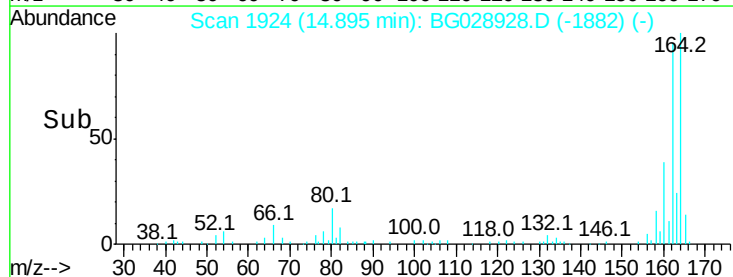
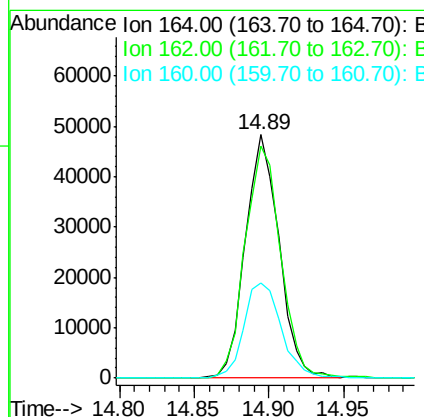
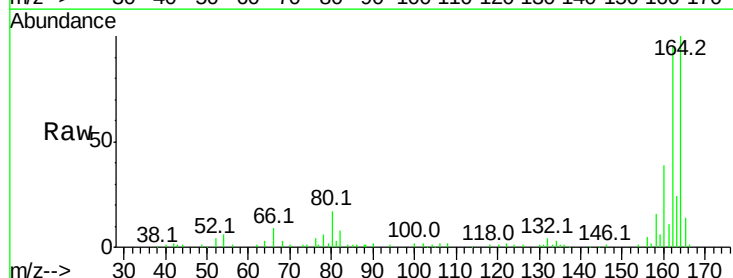
Instrument :
BNA_G
ClientSampleId :
20-41

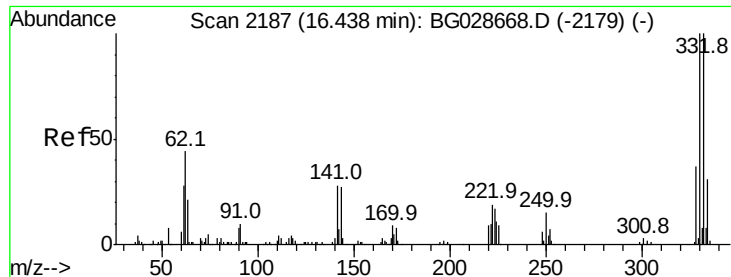
Tot Ion	82	Resp	227538
Ion Ratio	Lower	Upper	
82	100		
128	35.5	26.4	39.6
54	56.0	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028928.D
Acq: 26 Sep 2017 4:33

Tgt Ion	164	Resp	75462
Ion Ratio	Lower	Upper	
164	100		
162	95.3	85.1	127.7
160	39.2	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 175.958 ng

RT: 16.39 min Scan# 2178

Delta R.T. -0.05 min

Lab File: BG028928.D

Acq: 26 Sep 2017 4:33

Instrument :

BNA_G

ClientSampleId :

20-41

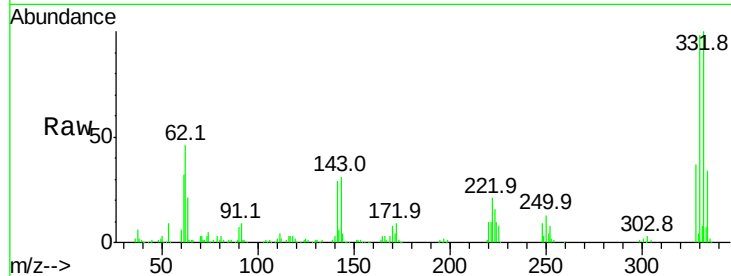
Tot Ion:330 Resp: 219612

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

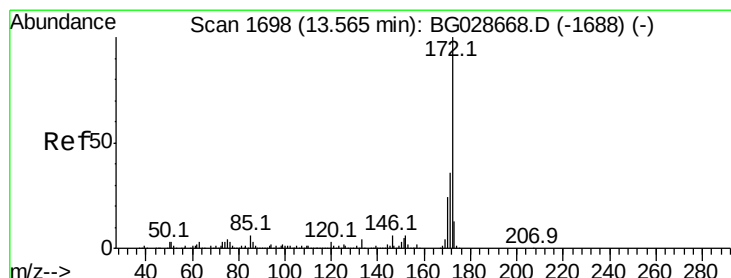
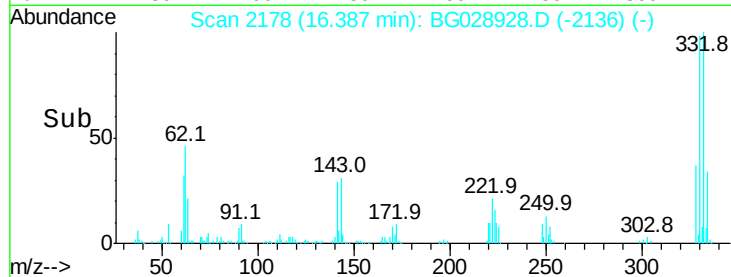
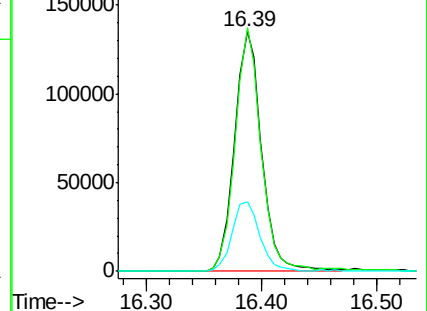
141 30.0 32.1 48.1#



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: 99.365 ng

RT: 13.51 min Scan# 1689

Delta R.T. -0.05 min

Lab File: BG028928.D

Acq: 26 Sep 2017 4:33

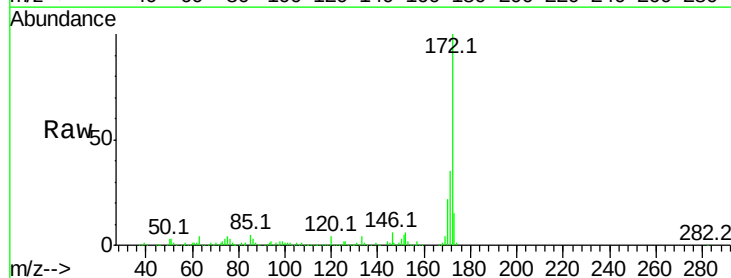
Tgt Ion:172 Resp: 562334

Ion Ratio Lower Upper

172 100

171 35.4 32.2 48.2

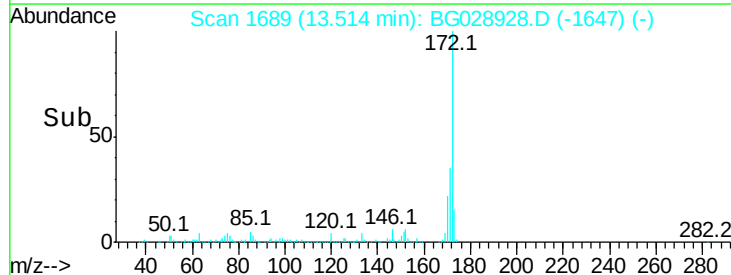
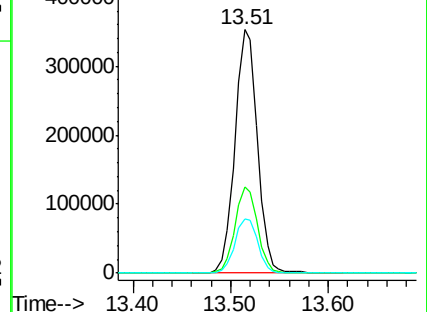
170 22.3 21.8 32.6

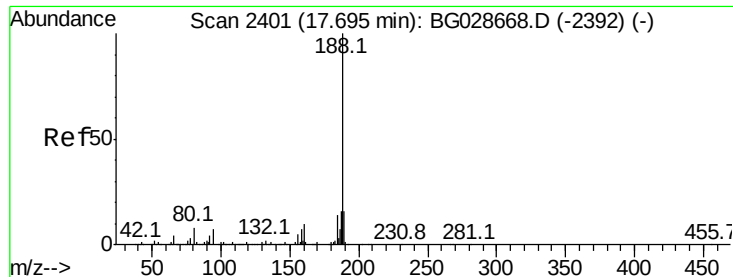


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG028928.D

Acq: 26 Sep 2017 4:33

Instrument :

BNA_G

ClientSampleId :

20-41

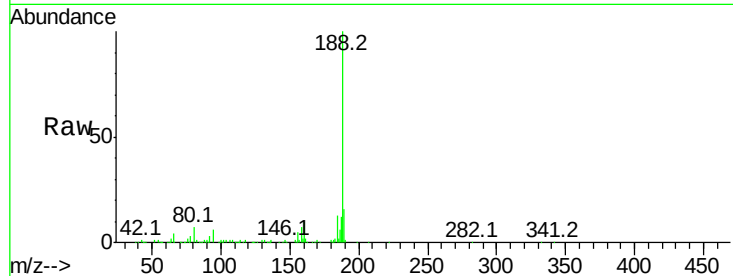
Tot Ion:188 Resp: 240170

Ion Ratio Lower Upper

188 100

94 5.5 5.8 8.8#

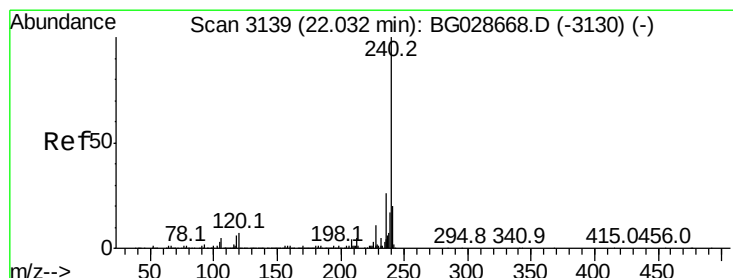
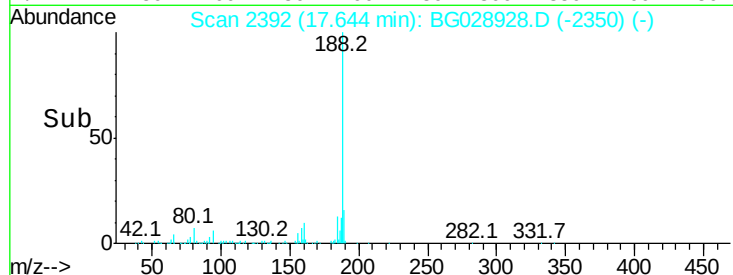
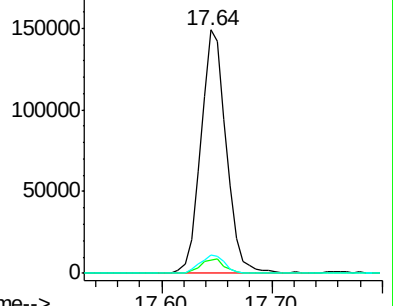
80 7.4 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028928.D

Acq: 26 Sep 2017 4:33

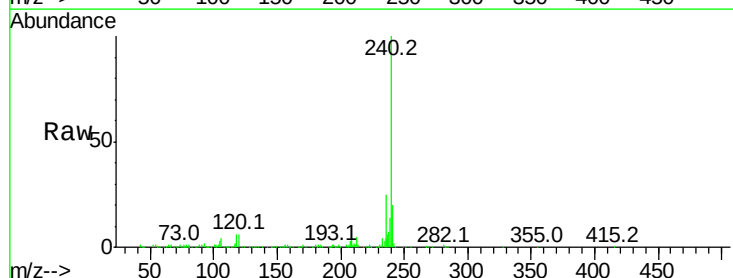
Tgt Ion:240 Resp: 294165

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

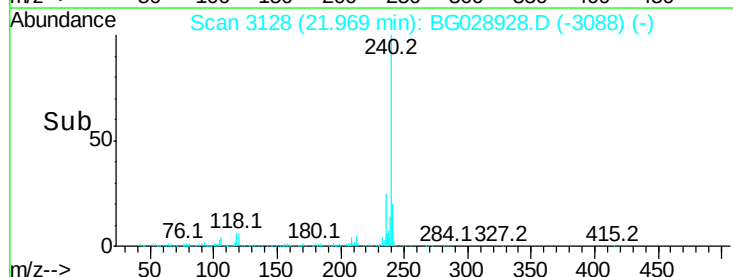
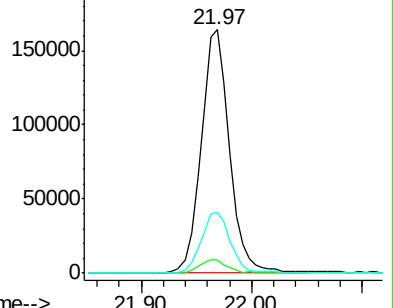
236 25.1 22.2 33.4

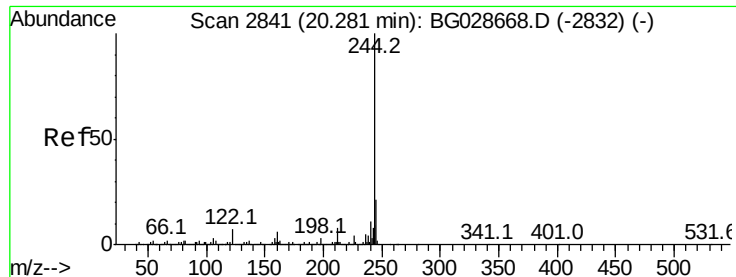


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.516 ng

RT: 20.24 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028928.D

Acq: 26 Sep 2017 4:33

Instrument :

BNA_G

ClientSampled :

20-41

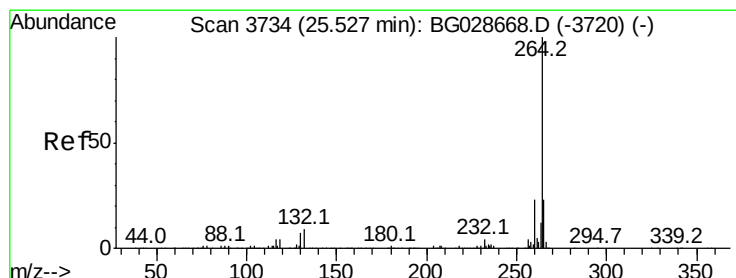
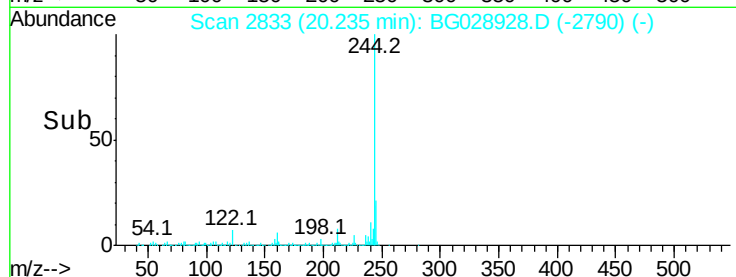
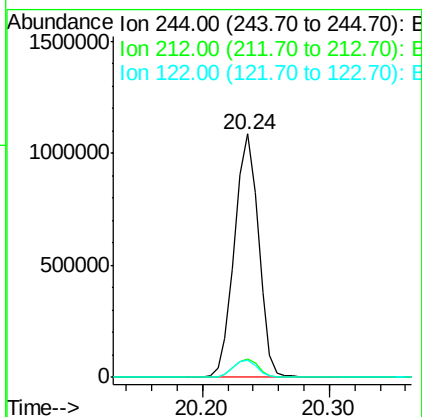
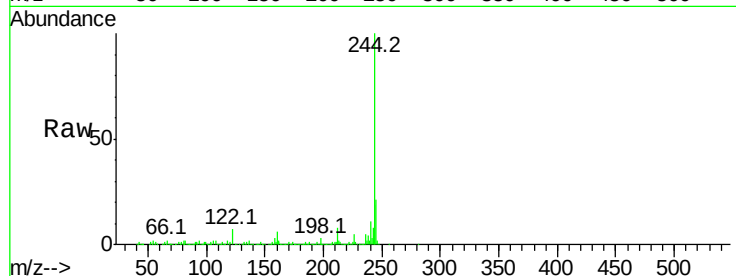
Tot Ion:244 Resp: 1427898

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 7.3 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.42 min Scan# 3715

Delta R.T. -0.11 min

Lab File: BG028928.D

Acq: 26 Sep 2017 4:33

Tgt Ion:264 Resp: 294685

Ion Ratio Lower Upper

264 100

260 21.7 21.8 32.8#

265 21.2 18.2 27.4

