

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
 Data File : BG028883.D
 Acq On : 22 Sep 2017 20:40
 Operator : SJ/JU
 Sample : I5301-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170609-COMP-A

Quant Time: Sep 23 00:08:08 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	23814	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	96988	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	77551	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	252864	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	300374	20.00	ng	-0.07
86) Perylene-d12	25.41	264	309190	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	110471	76.54	ng	-0.06
7) Phenol-d6	7.43	99	107250	49.36	ng	-0.06
23) Nitrobenzene-d5	9.45	82	203132	100.19	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	235254	183.41	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	538931	92.66	ng	-0.05
78) Terphenyl-d14	20.23	244	1346086	95.57	ng	-0.05

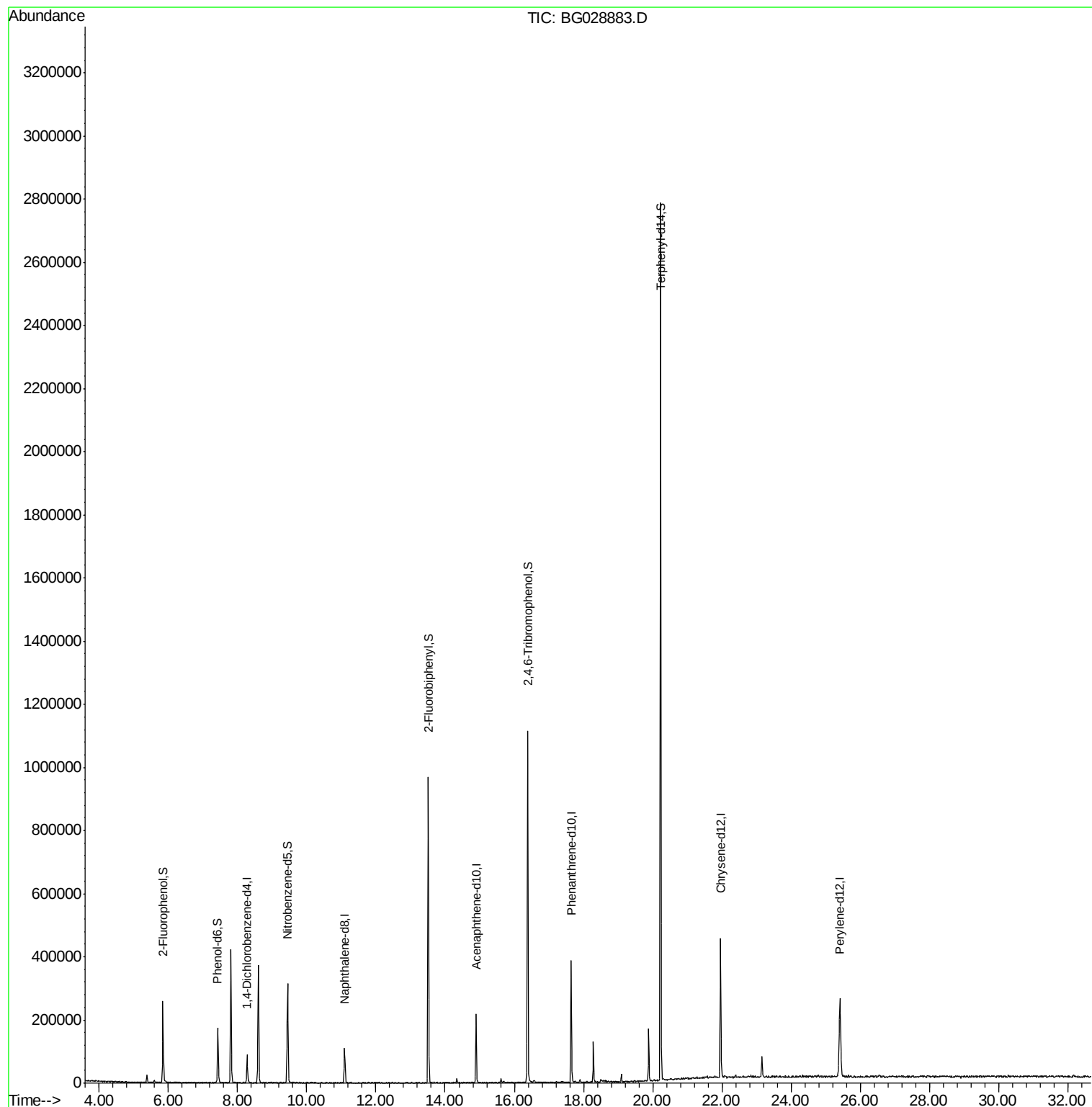
Target Compounds Qvalue

(#) = 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: BG028883.D

Acq: 22 Sep 2017 20:40

Instrument :

BNA_G

ClientSampleId :

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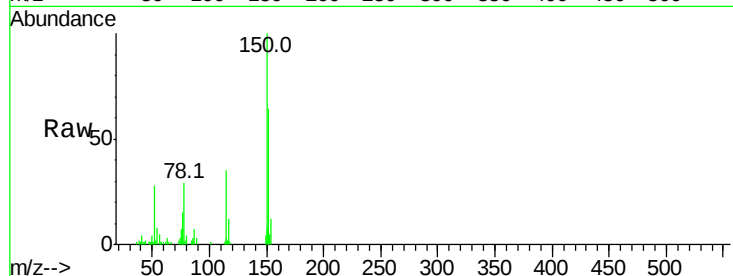
Tot Ion:152 Resp: 23814

Ion Ratio Lower Upper

152 100

150 157.3 114.0 171.0

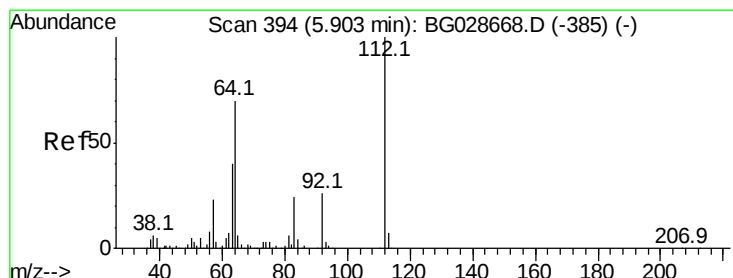
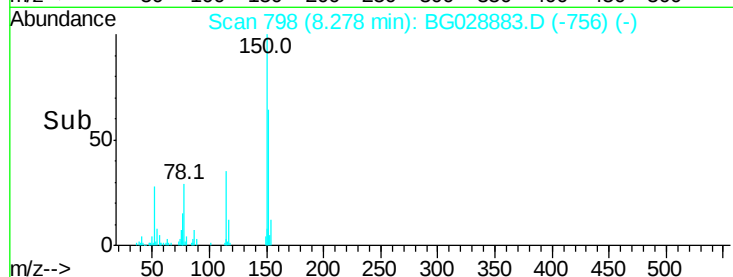
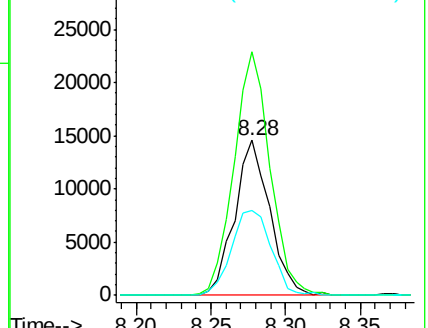
115 55.2 48.1 72.1



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: 76.544 ng

RT: 5.85 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

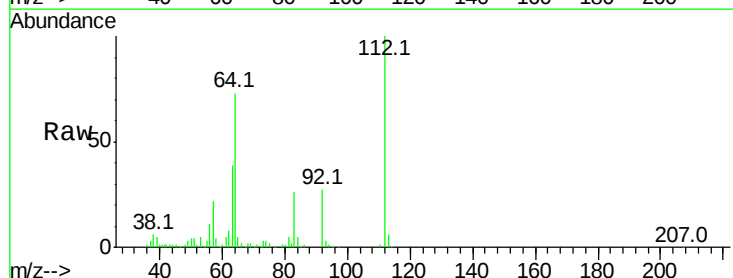
Tgt Ion:112 Resp: 110471

Ion Ratio Lower Upper

112 100

64 73.0 61.8 92.6

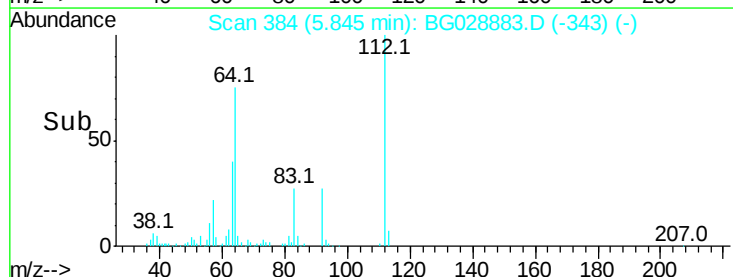
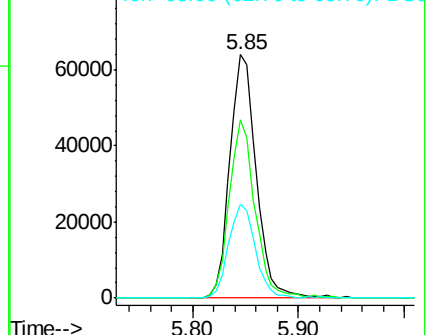
63 38.7 37.2 55.8

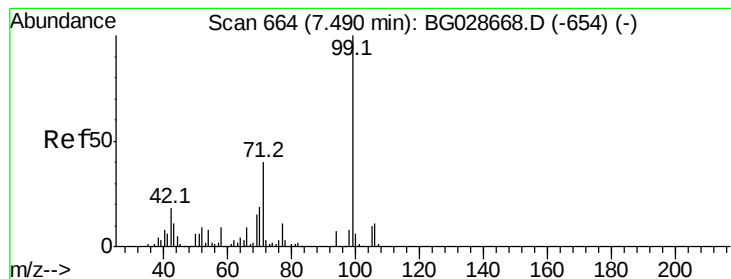


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 49.357 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

Instrument :

BNA_G

ClientSampleId :

20170609-COMP-A

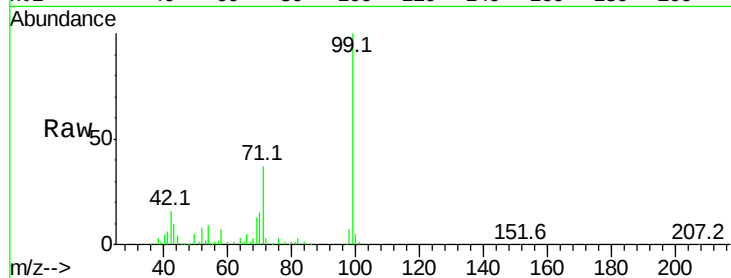
Tot Ion: 99 Resp: 107250

Ion Ratio Lower Upper

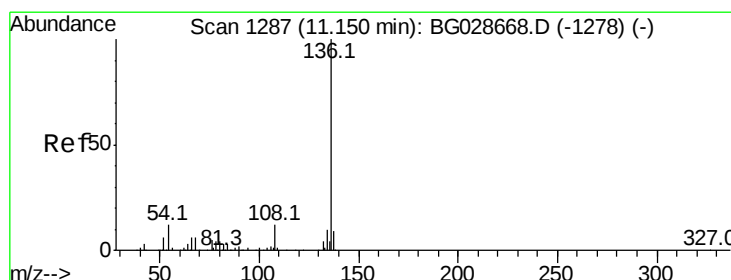
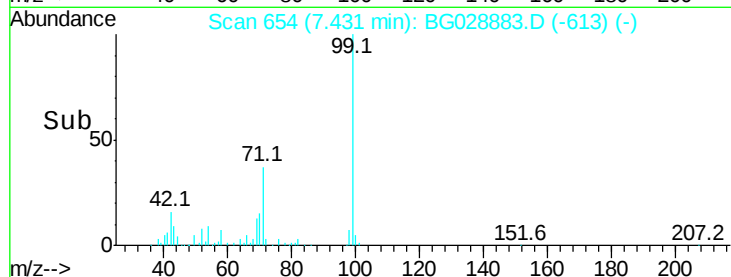
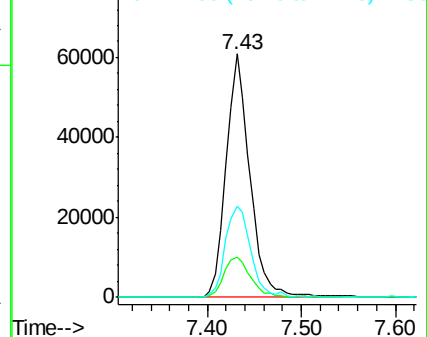
99 100

42 16.3 20.5 30.7#

71 37.4 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: BG028883.D

Acq: 22 Sep 2017 20:40

Tgt Ion: 136 Resp: 96988

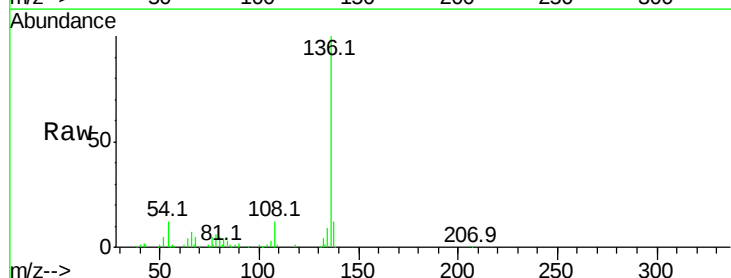
Ion Ratio Lower Upper

136 100

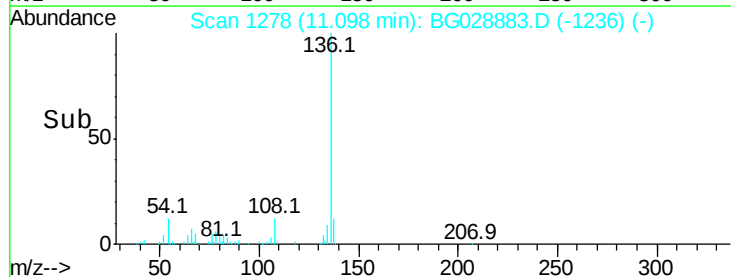
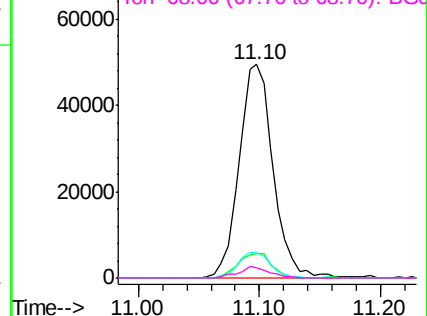
137 11.5 8.9 13.3

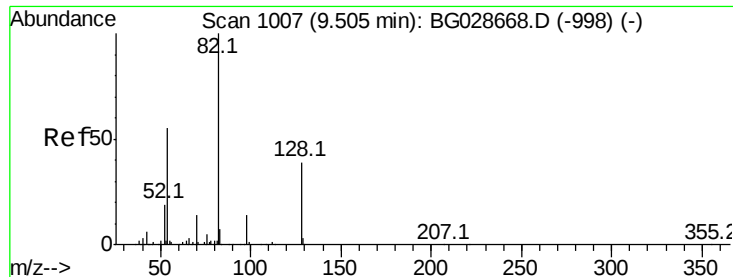
54 11.7 9.3 13.9

68 4.5 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

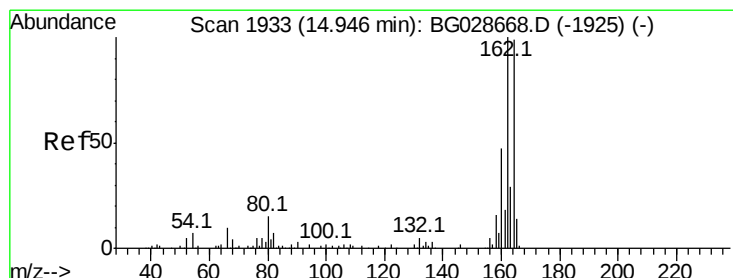
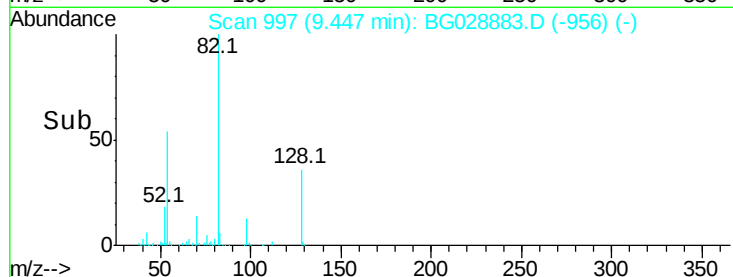
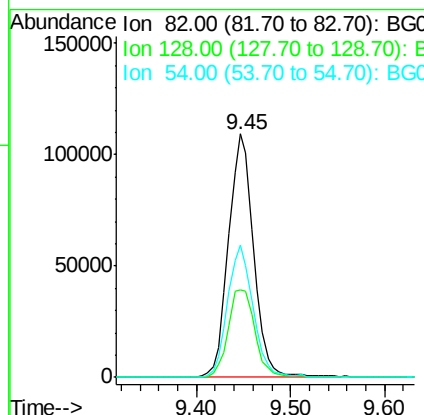
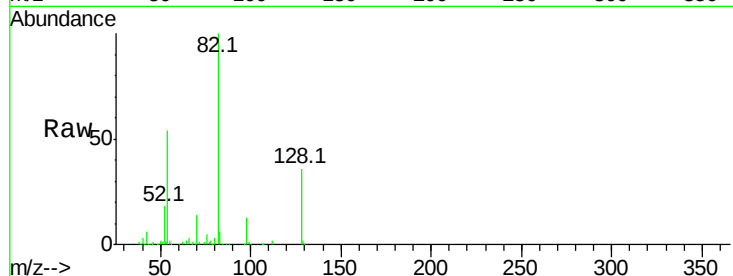




#23
 Nitrobenzene-d5
 Concen: 100.191 ng
 RT: 9.45 min Scan# 997
 Delta R.T. -0.06 min
 Lab File: BG028883.D
 Acq: 22 Sep 2017 20:40

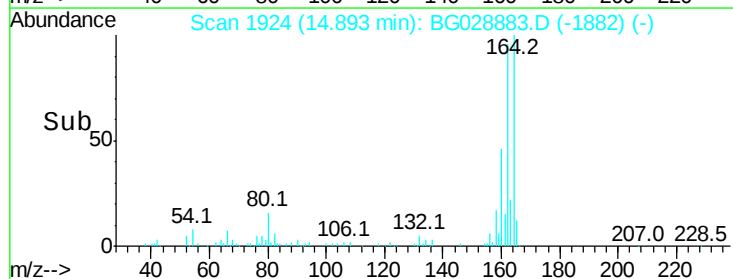
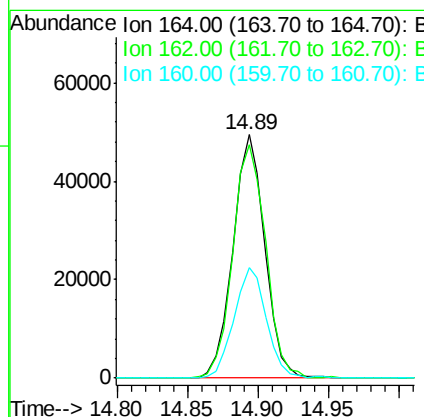
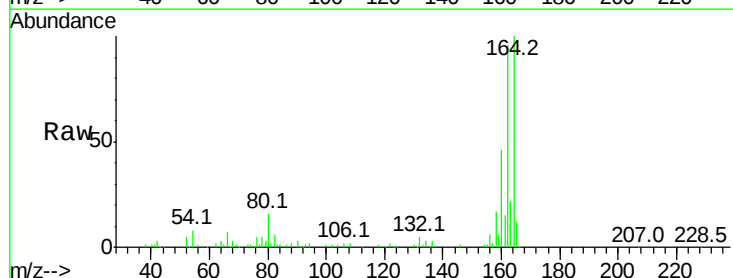
Instrument :
 BNA_G
 ClientSampleId :
 20170609-COMP-A

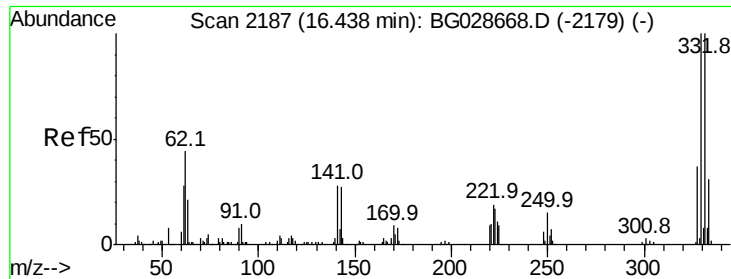
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.4	39.6
54	54.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. -0.05 min
 Lab File: BG028883.D
 Acq: 22 Sep 2017 20:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.8	85.1	127.7
160	45.6	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 183.413 ng

RT: 16.39 min Scan# 2178

Delta R.T. -0.05 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

Instrument :

BNA_G

ClientSampleId :

20170609-COMP-A

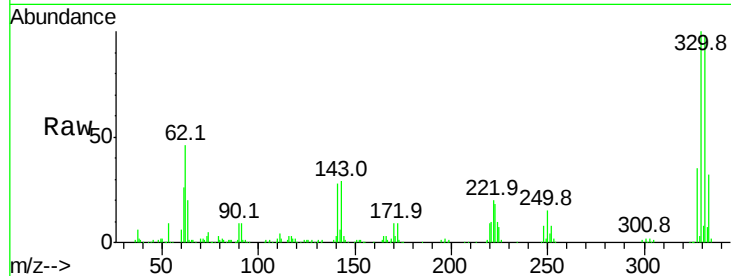
Tot Ion:330 Resp: 235254

Ion Ratio Lower Upper

330 100

332 98.8 77.3 115.9

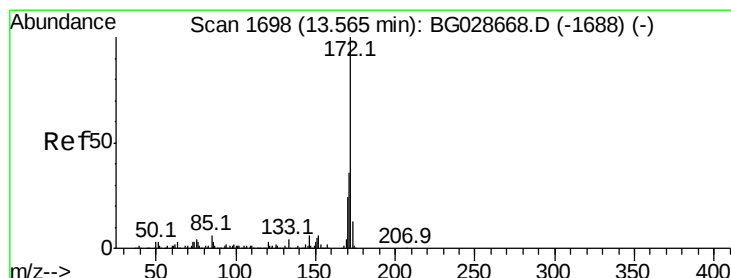
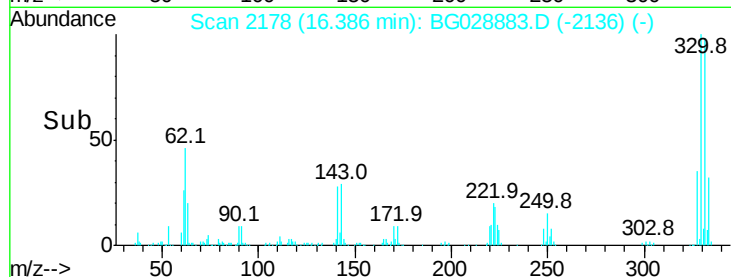
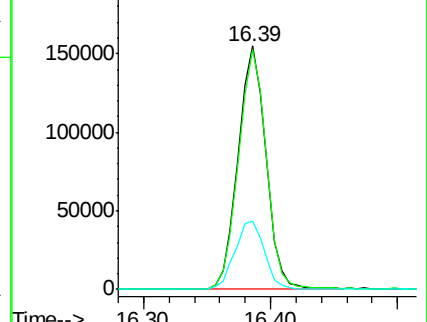
141 29.8 32.1 48.1#



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: 92.665 ng

RT: 13.51 min Scan# 1689

Delta R.T. -0.05 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

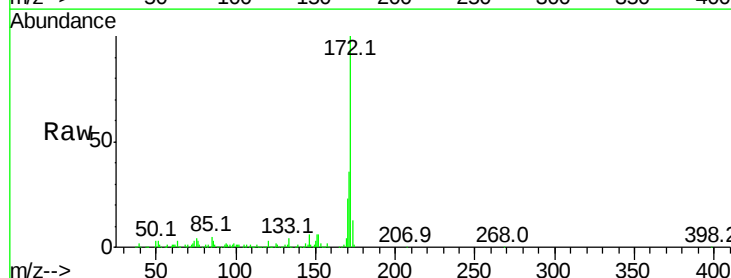
Tgt Ion:172 Resp: 538931

Ion Ratio Lower Upper

172 100

171 36.1 32.2 48.2

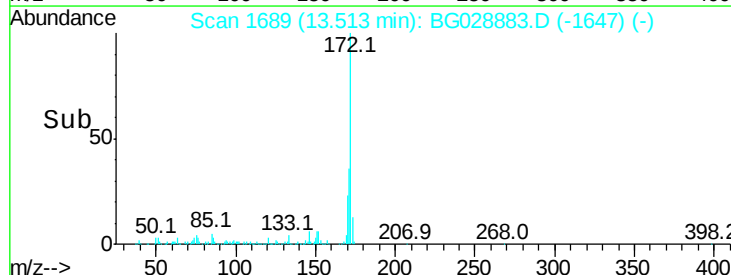
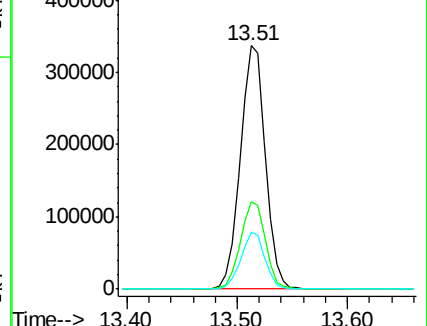
170 23.1 21.8 32.6

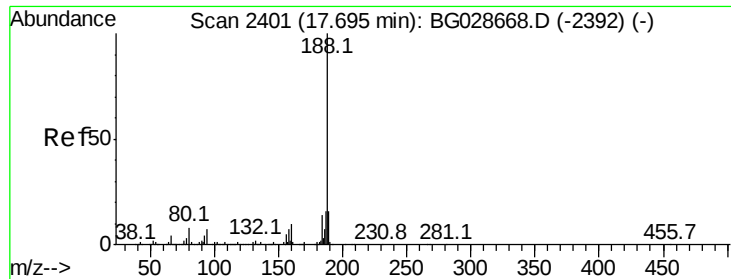


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

Instrument :

BNA_G

ClientSampleId :

20170609-COMP-A

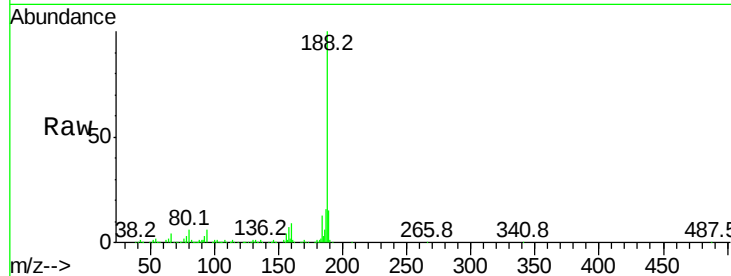
Tot Ion:188 Resp: 252864

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

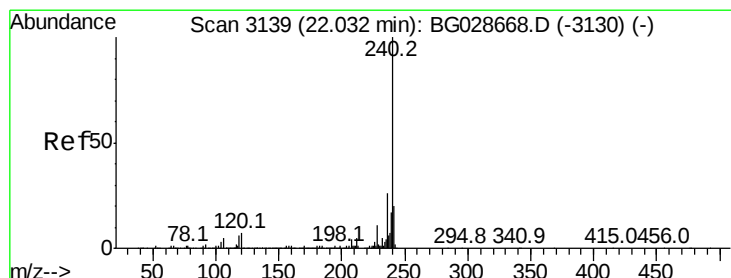
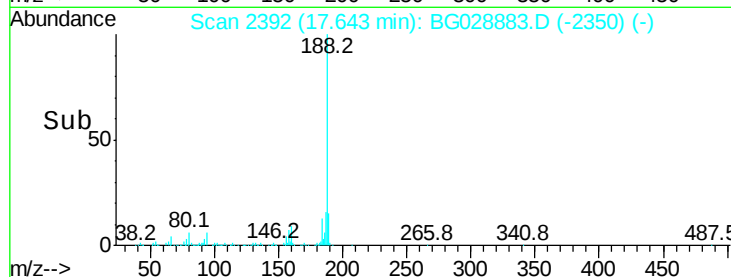
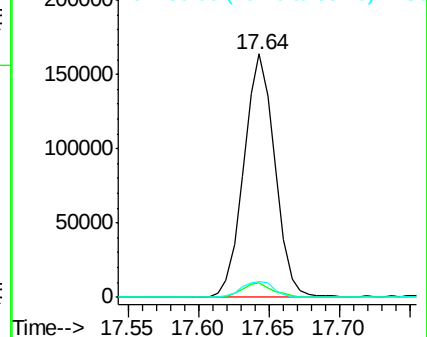
80 6.5 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BG028883.D

Acq: 22 Sep 2017 20:40

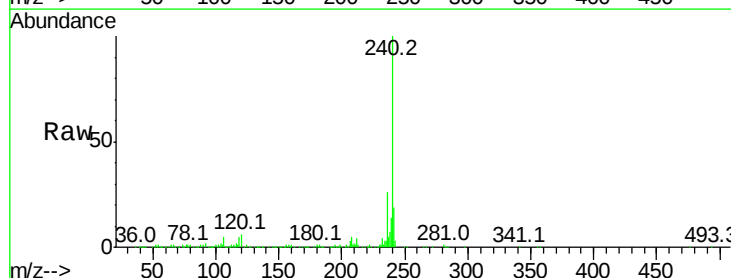
Tgt Ion:240 Resp: 300374

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

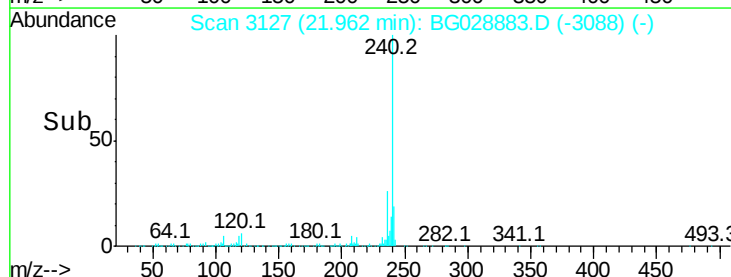
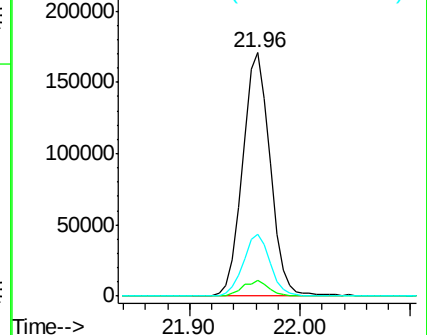
236 25.6 22.2 33.4

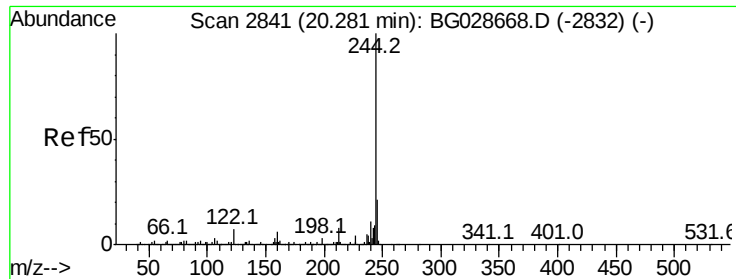


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.568 ng

RT: 20.23 min Scan# 2832

Delta R.T. -0.05 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

Instrument :

BNA_G

ClientSampleId :

20170609-COMP-A

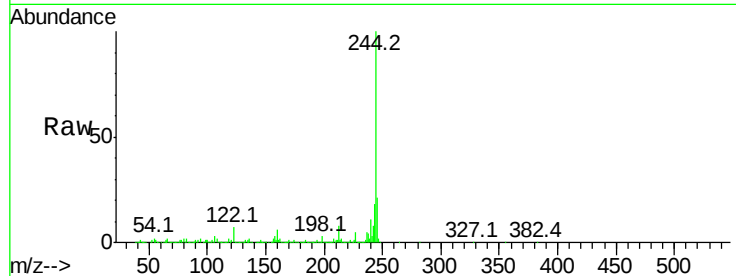
Tot Ion:244 Resp: 1346086

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

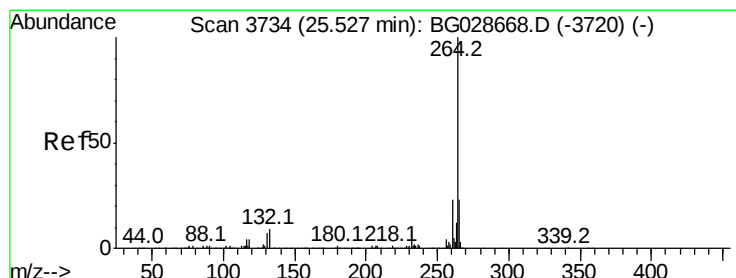
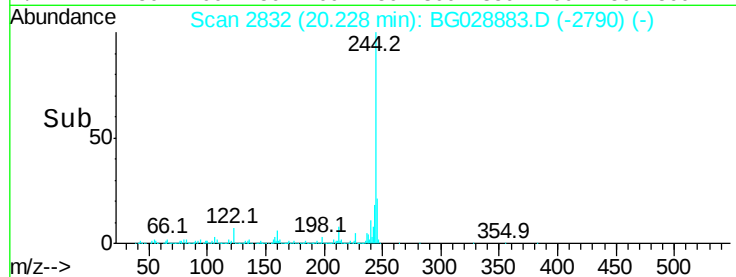
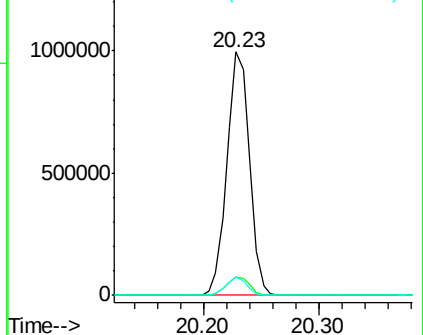
122 7.5 8.6 12.8#



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: BG028883.D

Acq: 22 Sep 2017 20:40

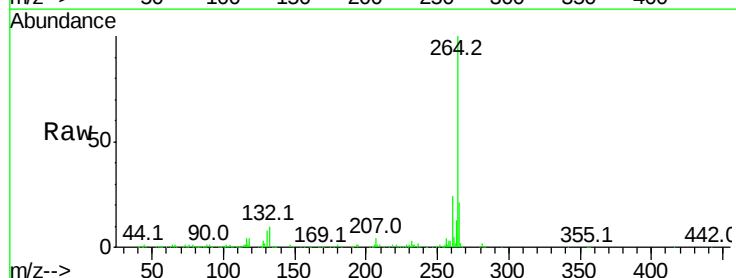
Tgt Ion:264 Resp: 309190

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 21.4 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

