

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
 Data File : BG028889.D
 Acq On : 23 Sep 2017 00:38
 Operator : SJ/JU
 Sample : I5301-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170609-COMP-A

Quant Time: Sep 23 04:00:01 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	26418	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	104777	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	76875	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	242626	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	300869	20.00	ng	-0.07
86) Perylene-d12	25.41	264	308382	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	127105	79.39	ng	-0.06
7) Phenol-d6	7.43	99	117361	48.69	ng	-0.06
23) Nitrobenzene-d5	9.45	82	225867	103.12	ng	-0.06
41) 2,4,6-Tribromophenol	16.38	330	264816	208.28	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	586646	101.76	ng	-0.05
78) Terphenyl-d14	20.23	244	1444652	102.40	ng	-0.05

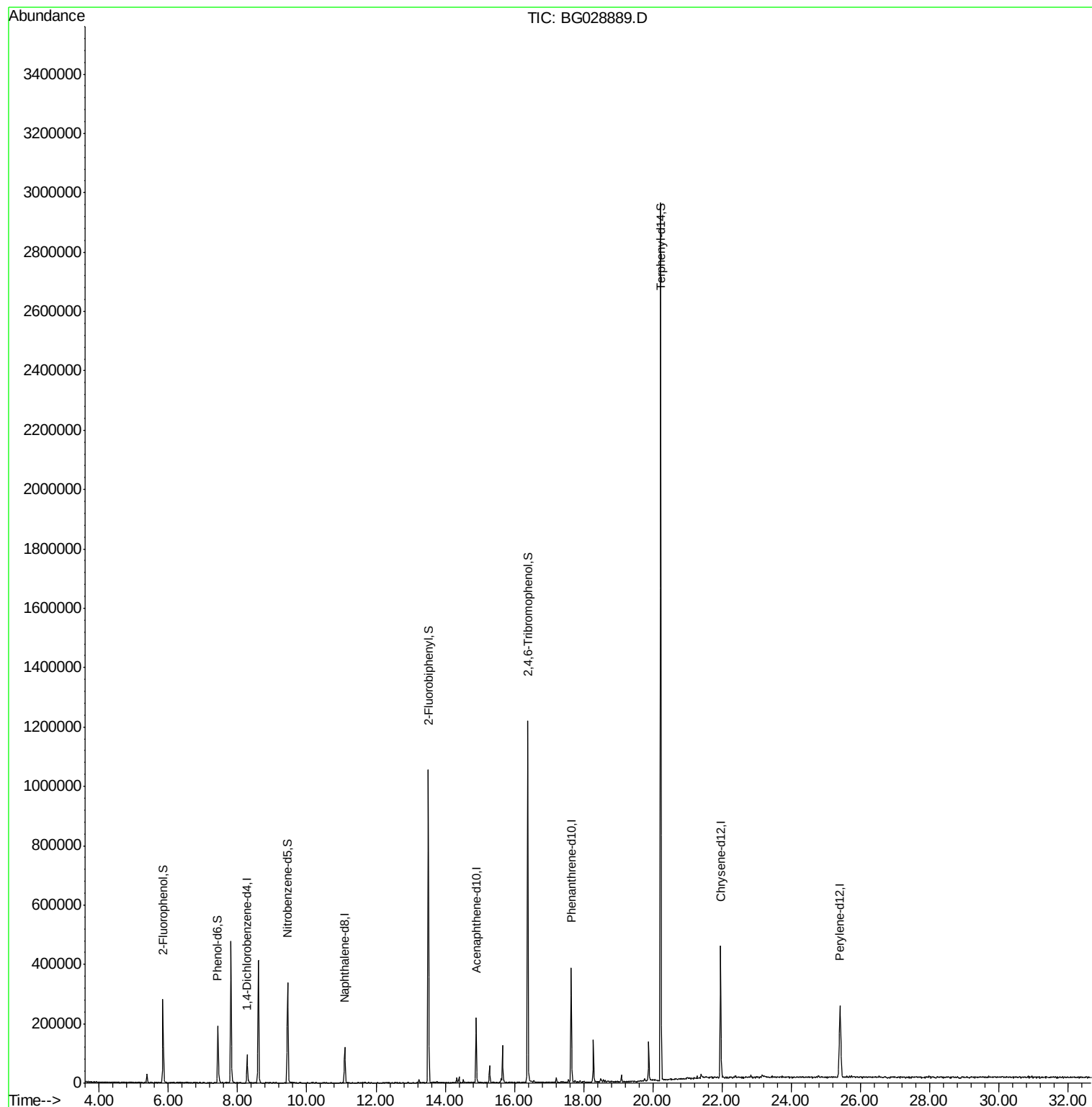
Target Compounds Qvalue

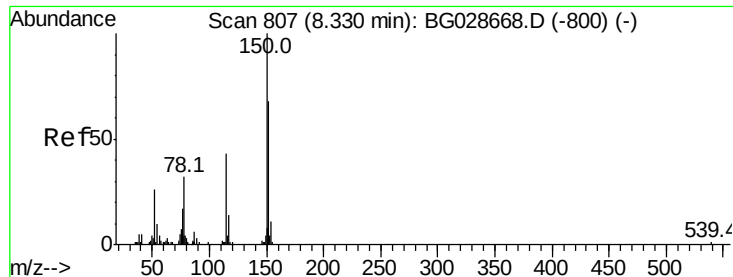
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG028889.D

Acq: 23 Sep 2017 00:38

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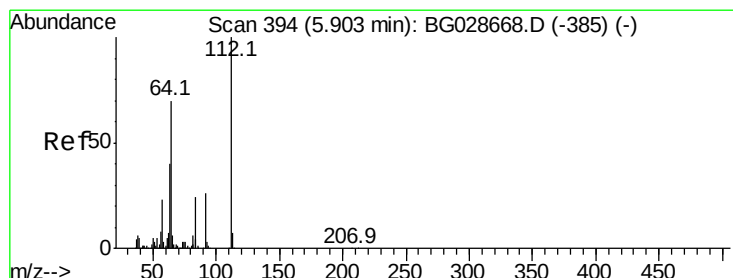
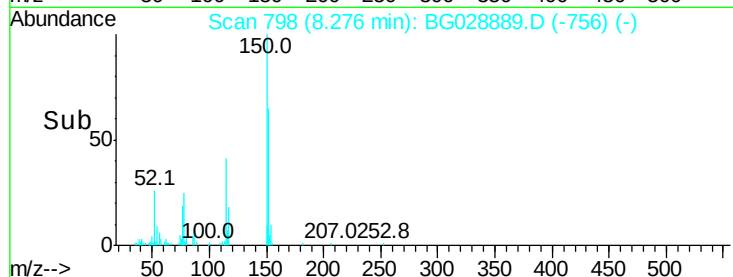
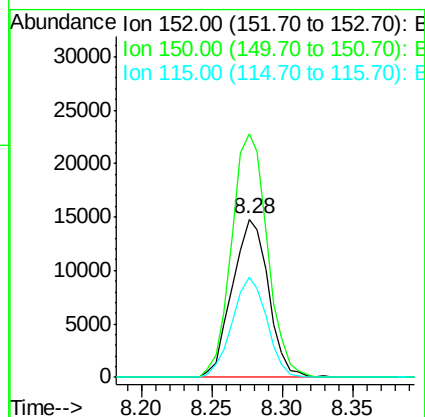
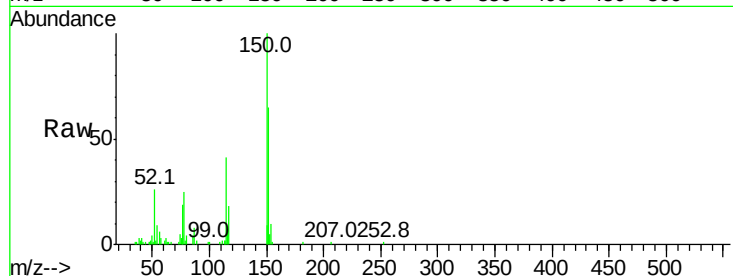
Tot Ion:152 Resp: 26418

Ion Ratio Lower Upper

152 100

150 154.0 114.0 171.0

115 63.7 48.1 72.1



#5

2-Fluorophenol

Concen: 79.389 ng

RT: 5.84 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028889.D

Acq: 23 Sep 2017 00:38

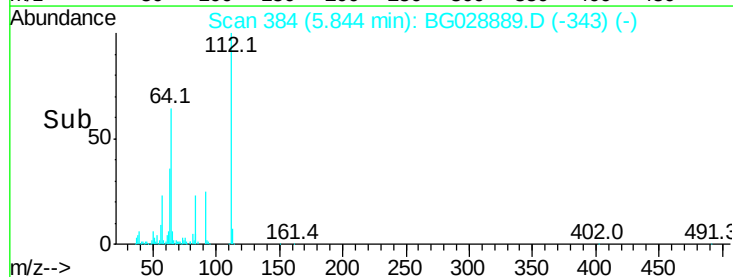
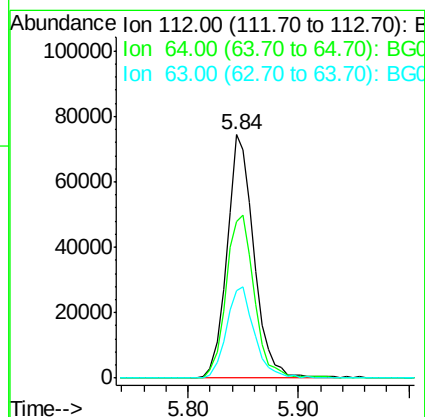
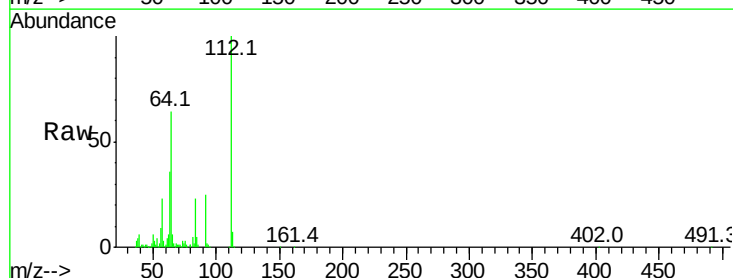
Tgt Ion:112 Resp: 127105

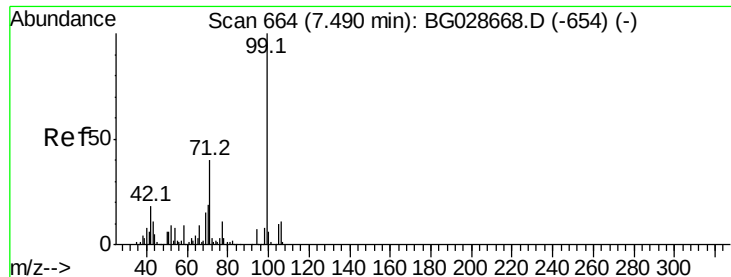
Ion Ratio Lower Upper

112 100

64 64.3 61.8 92.6

63 35.7 37.2 55.8#





#7

Phenol-d6

Concen: 48.686 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028889.D

Acq: 23 Sep 2017 00:38

Instrument :

BNA_G

ClientSampleId :

20170609-COMP-A

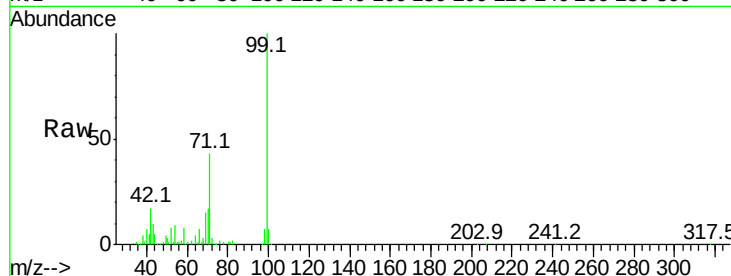
Tot Ion: 99 Resp: 117361

Ion Ratio Lower Upper

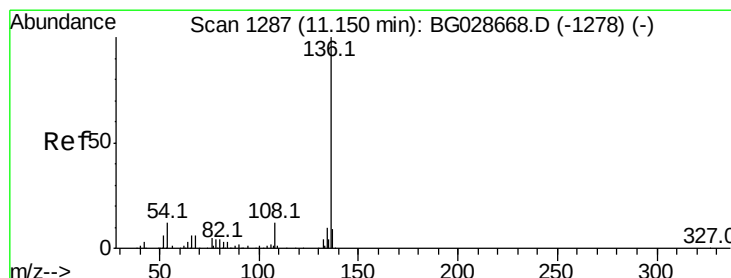
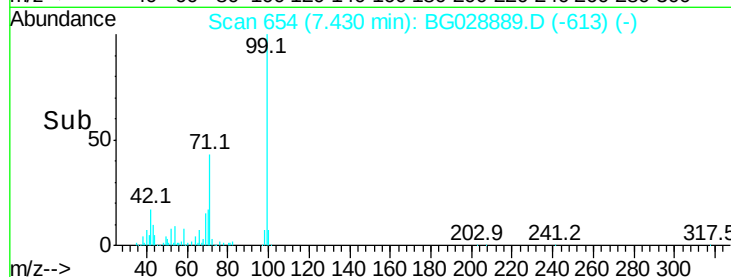
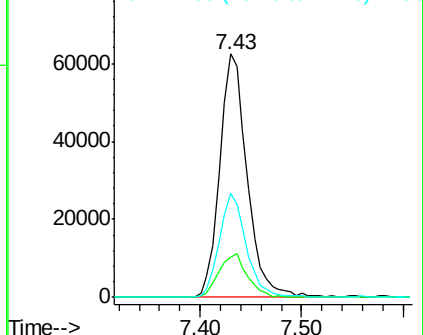
99 100

42 16.6 20.5 30.7#

71 42.6 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: BG028889.D

Acq: 23 Sep 2017 00:38

Tgt Ion: 136 Resp: 104777

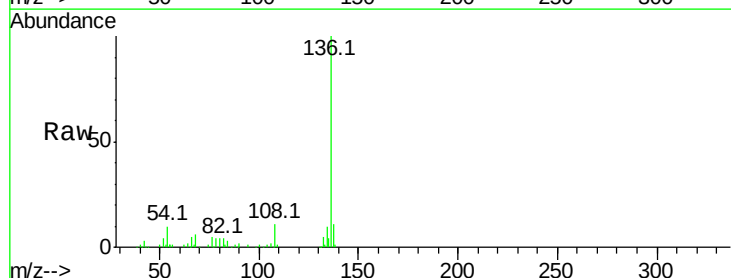
Ion Ratio Lower Upper

136 100

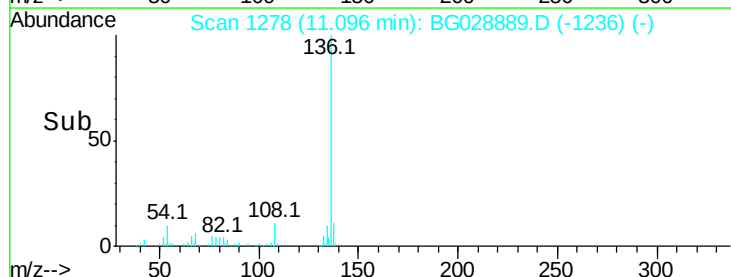
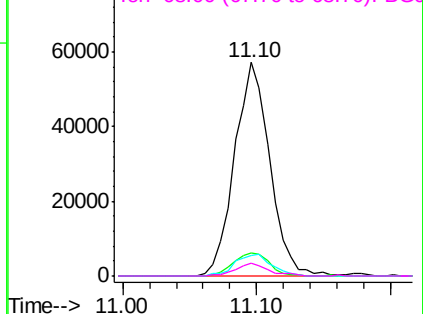
137 11.0 8.9 13.3

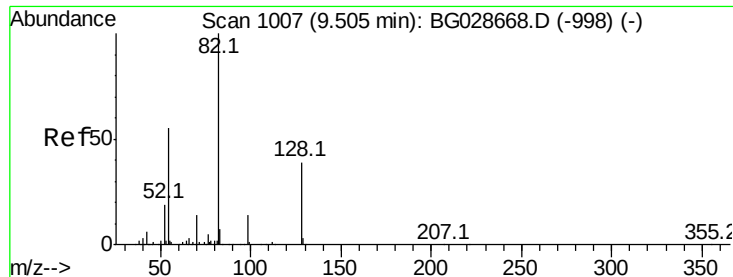
54 9.9 9.3 13.9

68 6.3 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

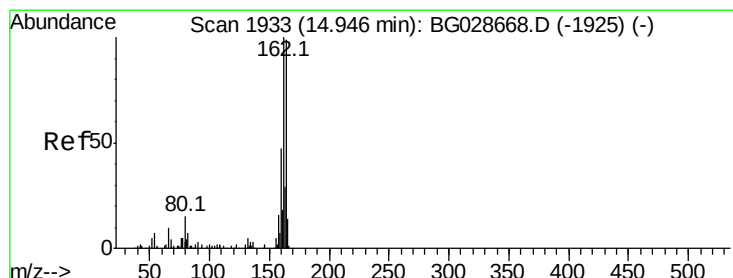
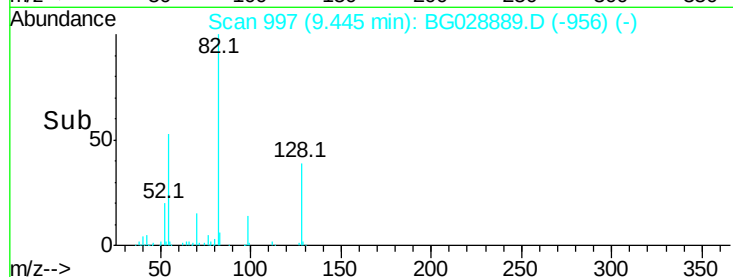
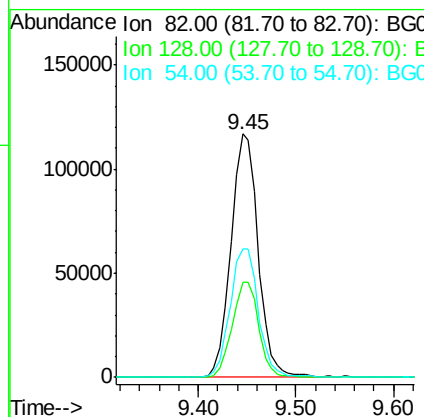
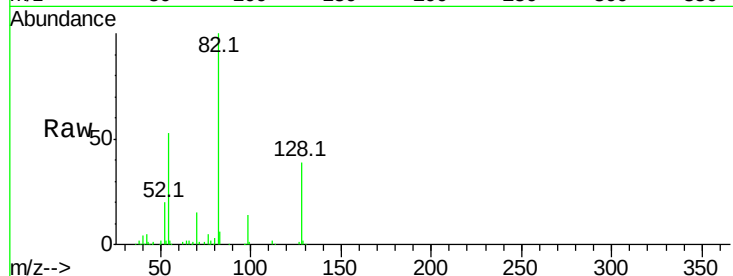




#23
 Nitrobenzene-d5
 Concen: 103.123 ng
 RT: 9.45 min Scan# 997
 Delta R.T. -0.06 min
 Lab File: BG028889.D
 Acq: 23 Sep 2017 00:38

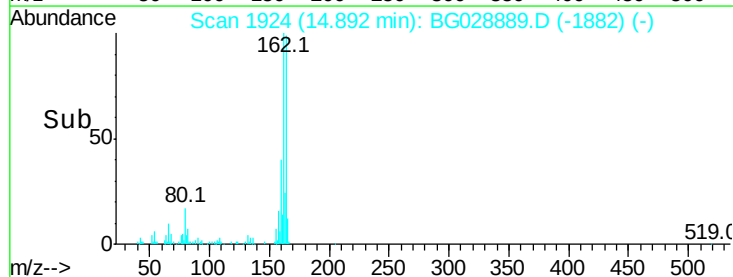
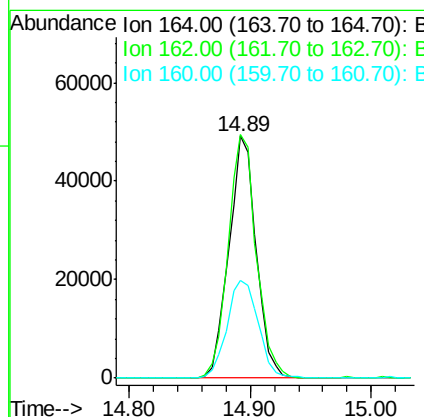
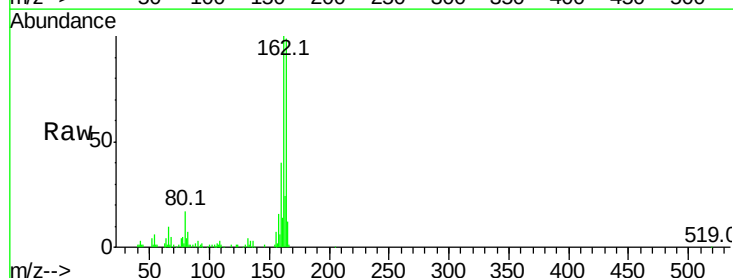
Instrument :
 BNA_G
 ClientSampleId :
 20170609-COMP-A

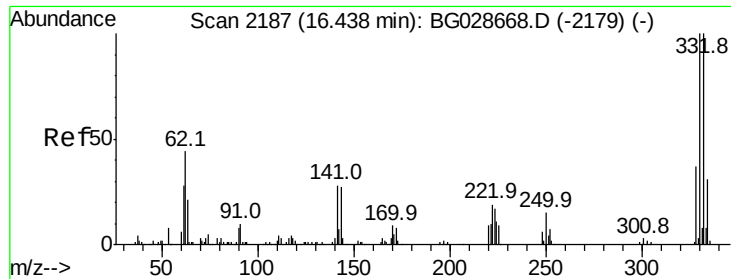
Tot Ion	82	Resp	225867
Ion	Ratio	Lower	Upper
82	100		
128	39.0	26.4	39.6
54	52.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. -0.05 min
 Lab File: BG028889.D
 Acq: 23 Sep 2017 00:38

Tgt Ion	164	Resp	76875
Ion	Ratio	Lower	Upper
164	100		
162	100.6	85.1	127.7
160	40.3	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 208.276 ng

RT: 16.38 min Scan# 2178

Delta R.T. -0.05 min

Lab File: BG028889.D

Acq: 23 Sep 2017 00:38

Instrument :

BNA_G

ClientSampleId :

20170609-COMP-A

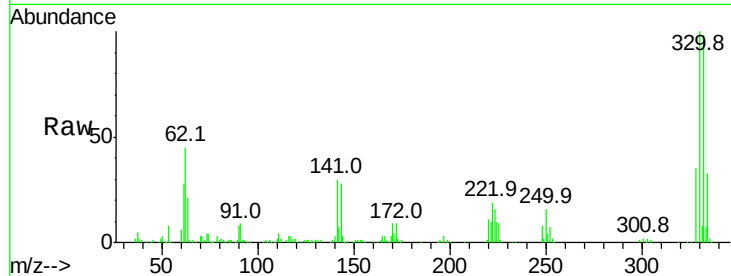
Tot Ion:330 Resp: 264816

Ion Ratio Lower Upper

330 100

332 93.6 77.3 115.9

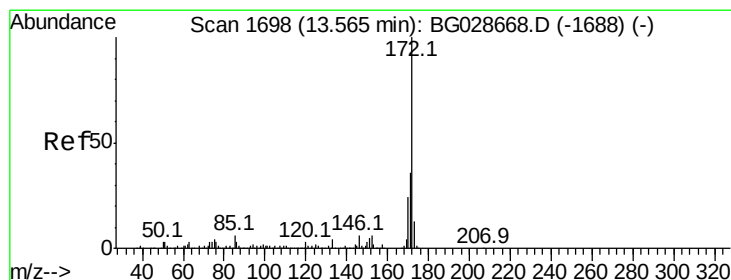
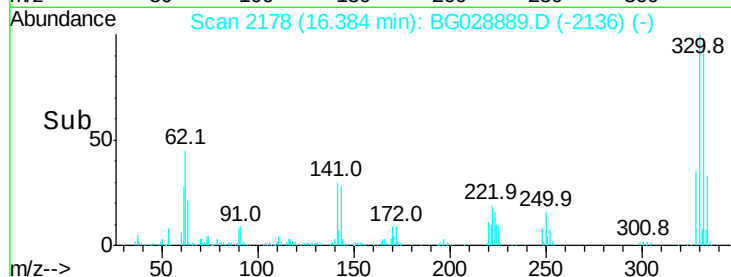
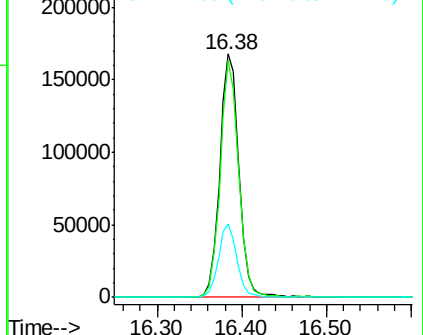
141 29.5 32.1 48.1#



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: 101.756 ng

RT: 13.52 min Scan# 1690

Delta R.T. -0.05 min

Lab File: BG028889.D

Acq: 23 Sep 2017 00:38

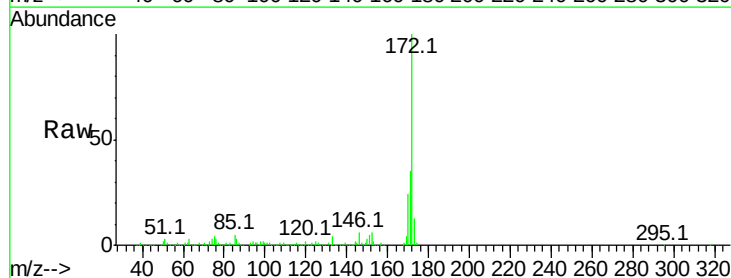
Tgt Ion:172 Resp: 586646

Ion Ratio Lower Upper

172 100

171 35.1 32.2 48.2

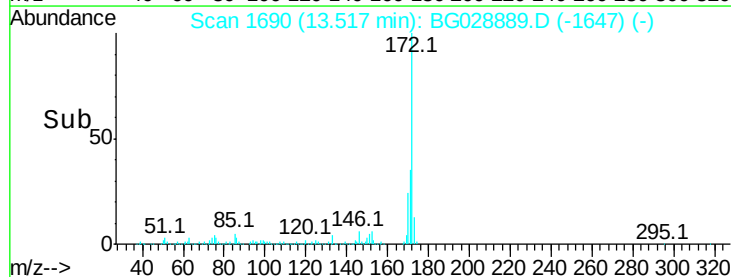
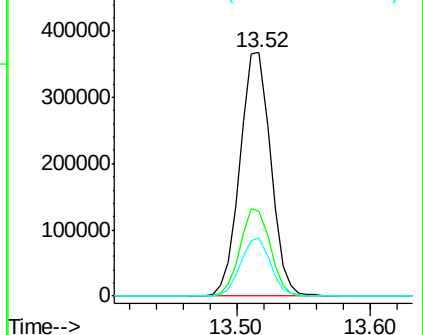
170 23.8 21.8 32.6

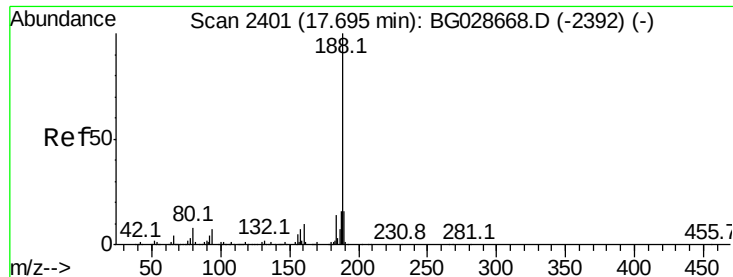


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG028889.D

Acq: 23 Sep 2017 00:38

Instrument :

BNA_G

ClientSampleId :

20170609-COMP-A

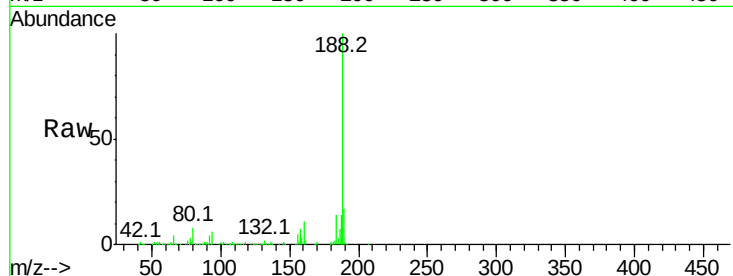
Tot Ion:188 Resp: 242626

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

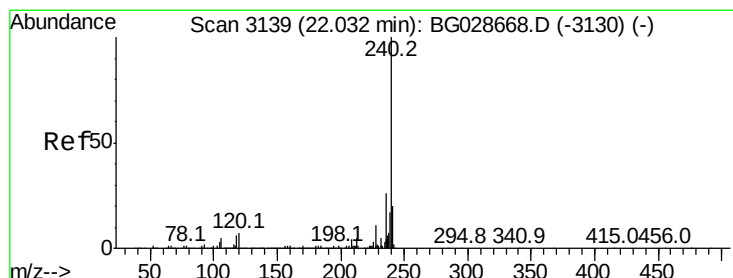
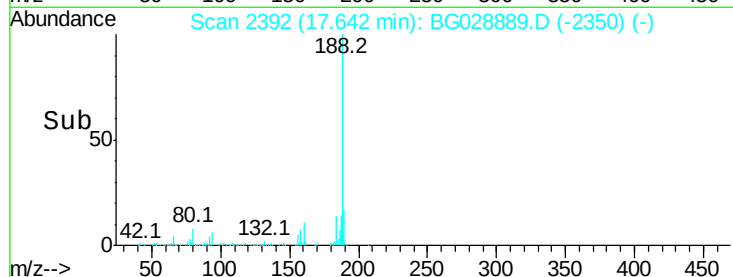
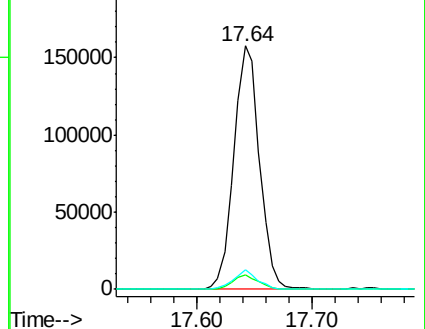
80 7.9 7.5 11.3



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: BG028889.D

Acq: 23 Sep 2017 00:38

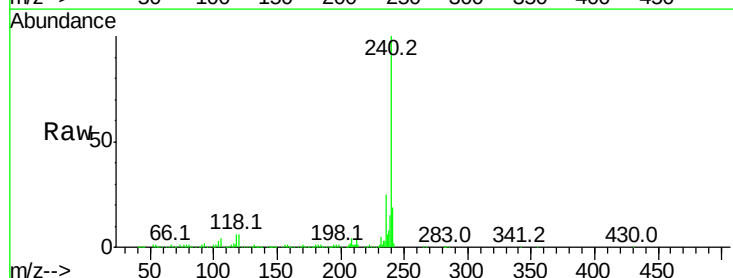
Tgt Ion:240 Resp: 300869

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

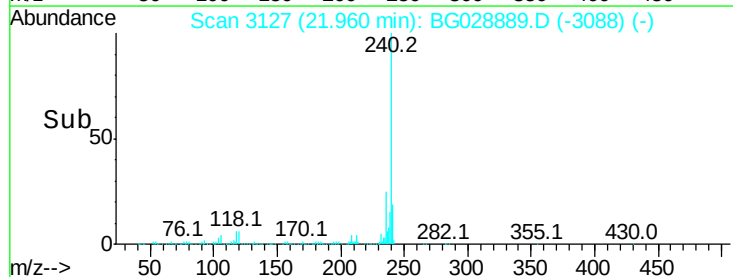
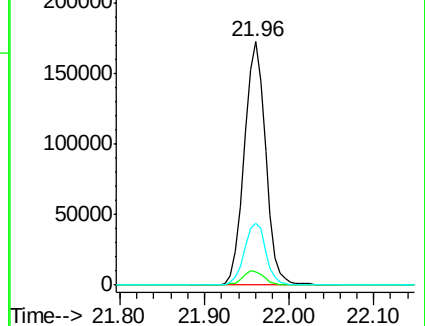
236 25.4 22.2 33.4

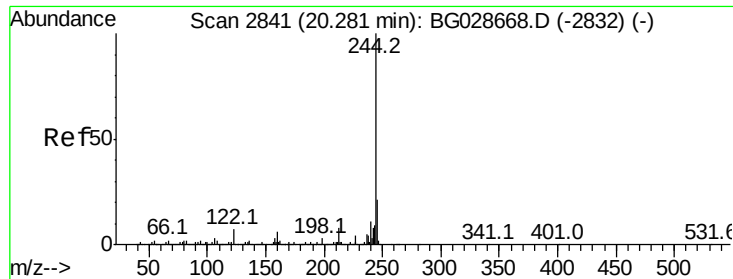


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.397 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028889.D

Acq: 23 Sep 2017 00:38

Instrument :

BNA_G

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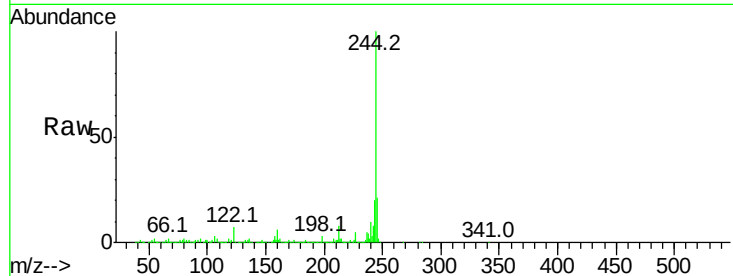
Tot Ion:244 Resp: 1444652

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

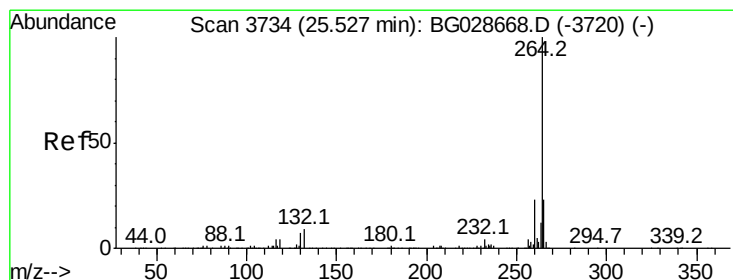
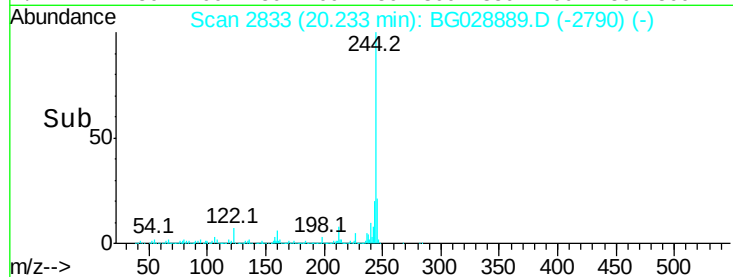
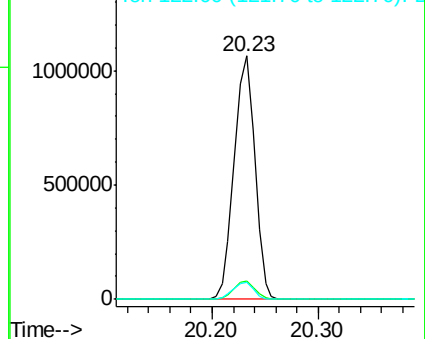
122 7.2 8.6 12.8#



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# 3715

Delta R.T. -0.11 min

Lab File: BG028889.D

Acq: 23 Sep 2017 00:38

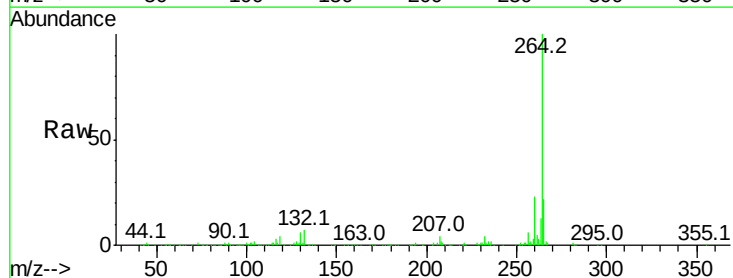
Tgt Ion:264 Resp: 308382

Ion Ratio Lower Upper

264 100

260 23.2 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

