

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028694.D
 Acq On : 13 Sep 2017 12:12
 Operator : SJ/JU
 Sample : I5171-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-2342-2669-3025-3091-3873

Quant Time: Sep 13 13:02:59 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	8.33	152	37337	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	144737	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	102619	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	286290	20.00	ng	0.00
75) Chrysene-d12	22.02	240	308450	20.00	ng	0.00
86) Perylene-d12	25.52	264	277454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	225873	99.82	ng	0.00
7) Phenol-d6	7.48	99	271452	79.68	ng	0.00
23) Nitrobenzene-d5	9.50	82	206554	68.27	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	193269	113.87	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	529759	68.84	ng	0.00
78) Terphenyl-d14	20.27	244	983600	68.00	ng	0.00

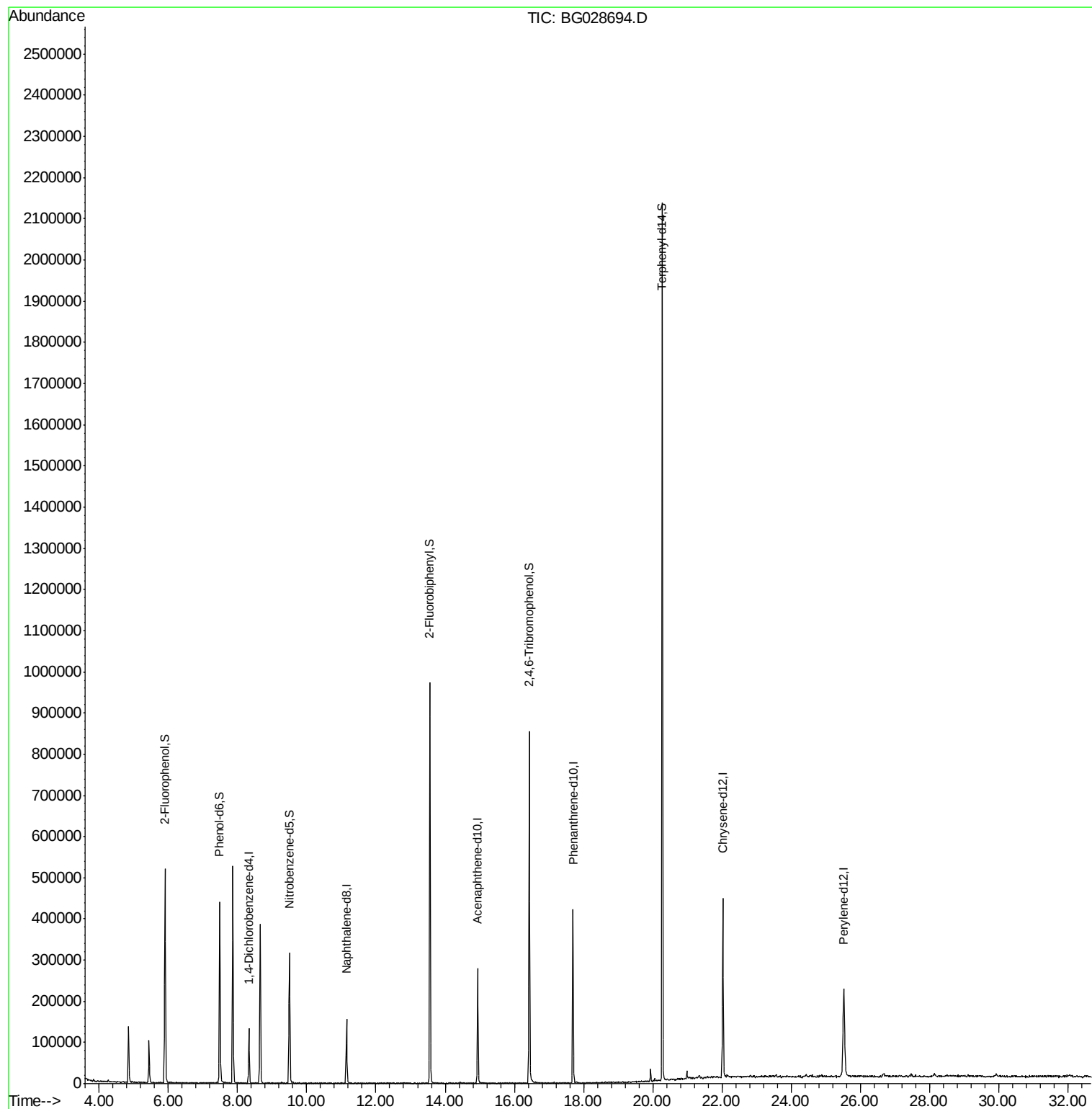
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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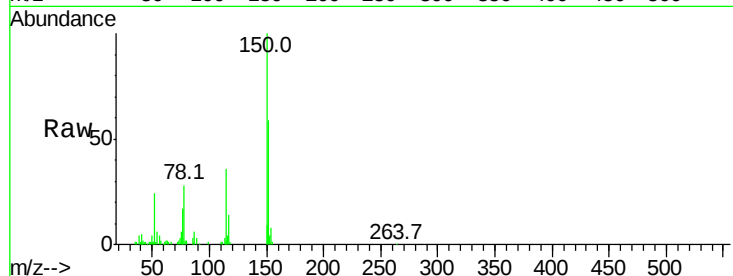


#1

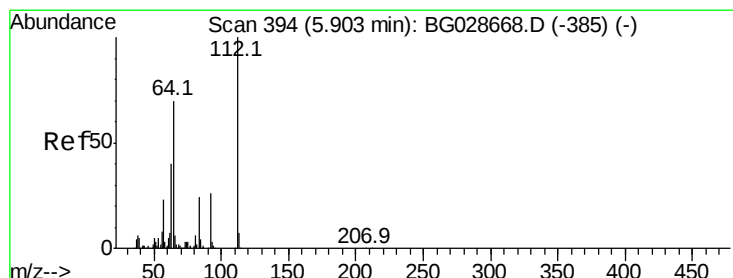
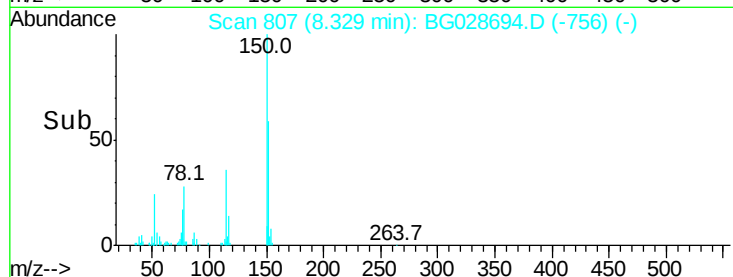
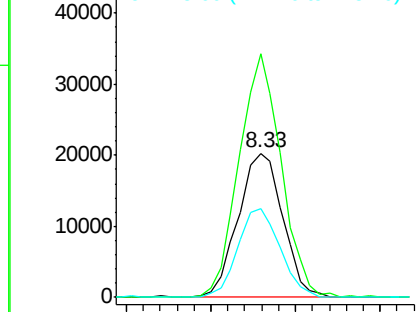
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028694.D
Acq: 13 Sep 2017 12:12

Instrument :
BNA_G
ClientSampleId :
RT-2342-2669-3025-3091-3873

Tot Ion:152 Resp: 37337
Ion Ratio Lower Upper
152 100
150 169.4 114.0 171.0
115 61.5 48.1 72.1



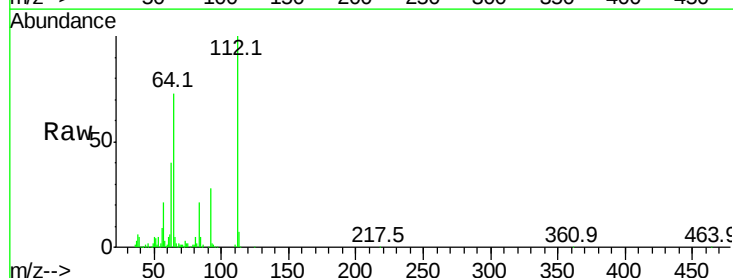
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



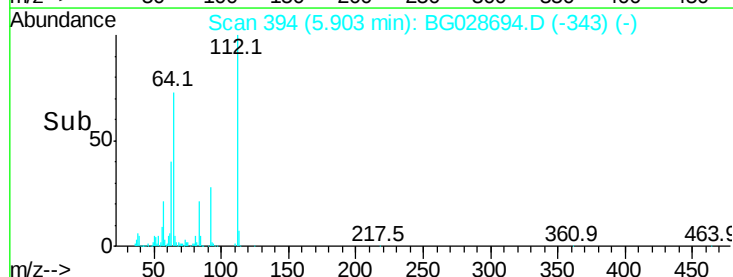
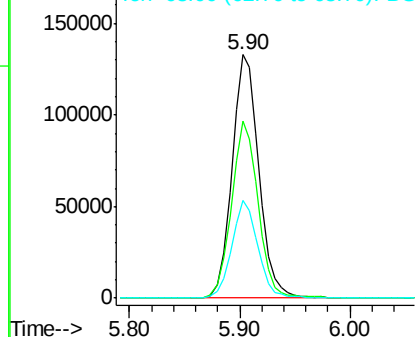
#5

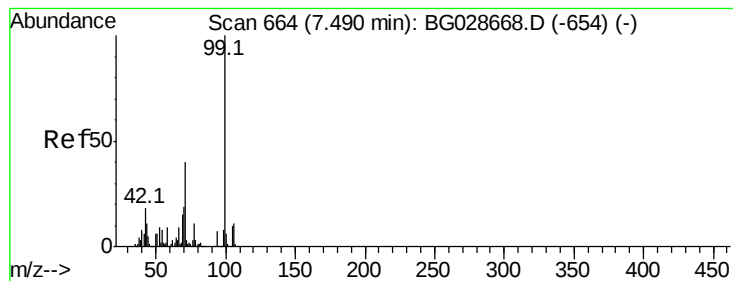
2-Fluorophenol
Concen: 99.821 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028694.D
Acq: 13 Sep 2017 12:12

Tgt Ion:112 Resp: 225873
Ion Ratio Lower Upper
112 100
64 72.5 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: 79.677 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028694.D

Acq: 13 Sep 2017 12:12

Instrument :

BNA_G

ClientSampleId :

RT-2342-2669-3025-3091-3873

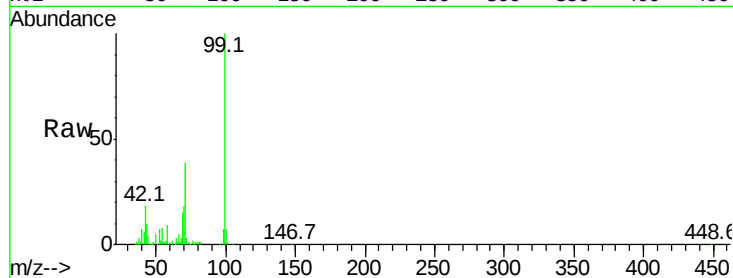
Tot Ion: 99 Resp: 271452

Ion Ratio Lower Upper

99 100

42 18.2 20.5 30.7#

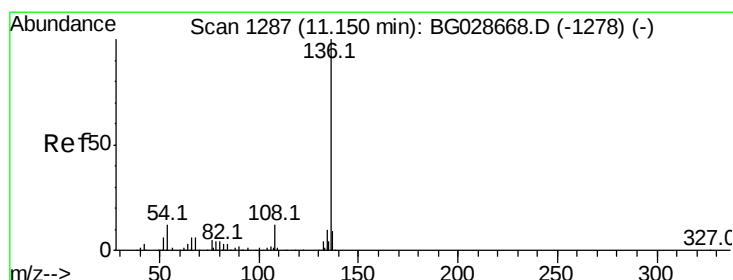
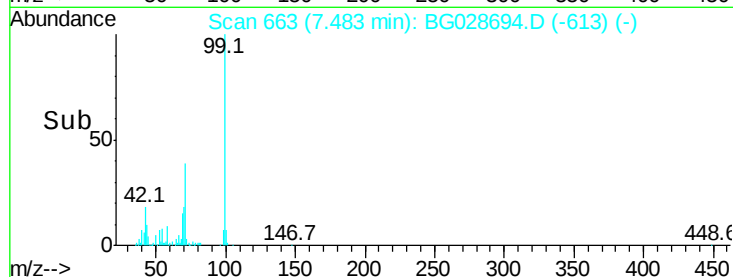
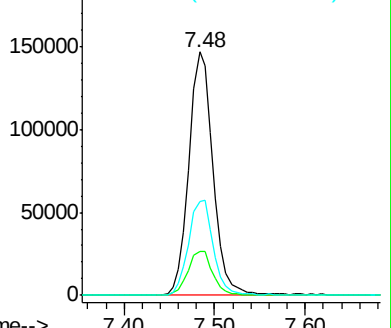
71 38.8 37.6 56.4



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: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028694.D

Acq: 13 Sep 2017 12:12

Tgt Ion: 136 Resp: 144737

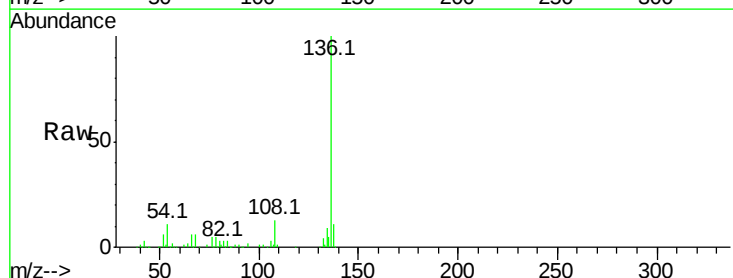
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 11.2 9.3 13.9

68 5.8 5.1 7.7

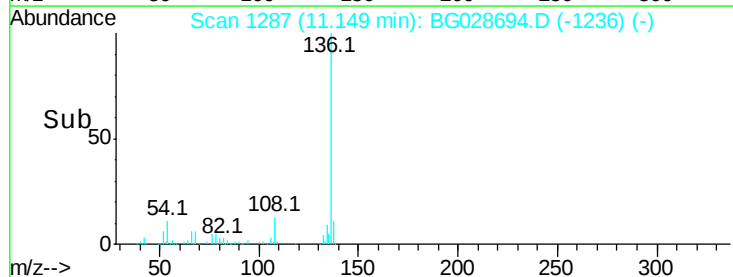
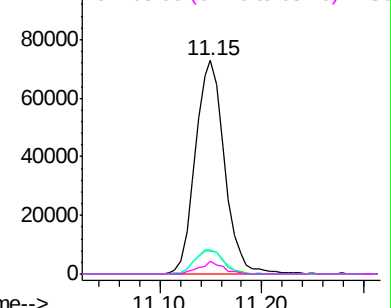


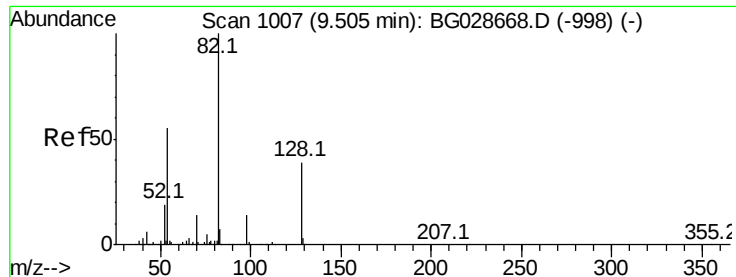
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 68.269 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG028694.D

Acq: 13 Sep 2017 12:12

Instrument :

BNA_G

ClientSampleId :

RT-2342-2669-3025-3091-3873

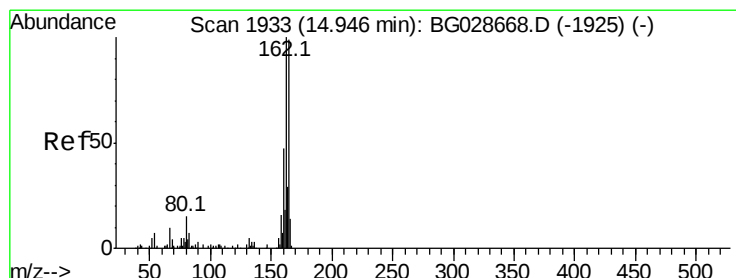
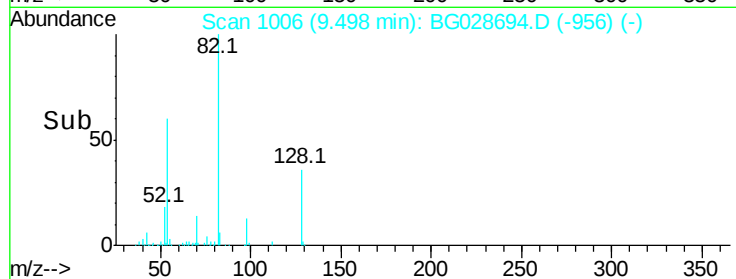
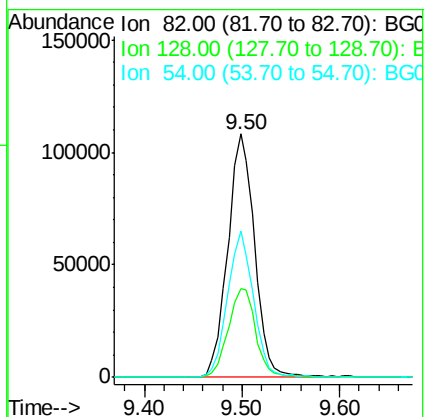
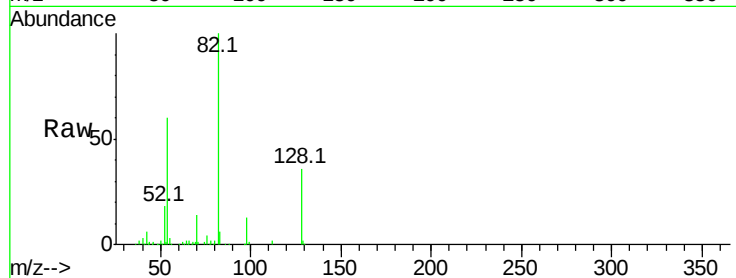
Tot Ion: 82 Resp: 206554

Ion Ratio Lower Upper

82 100

128 36.5 26.4 39.6

54 60.3 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028694.D

Acq: 13 Sep 2017 12:12

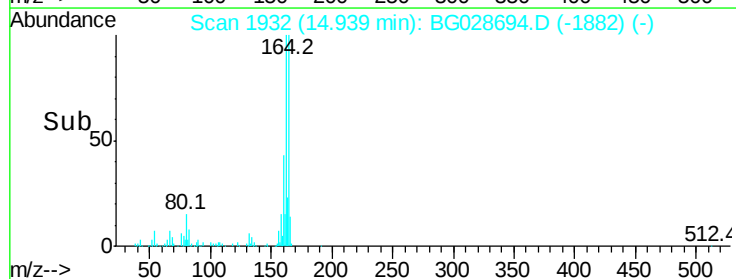
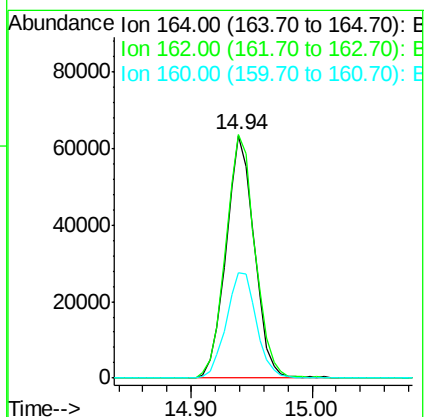
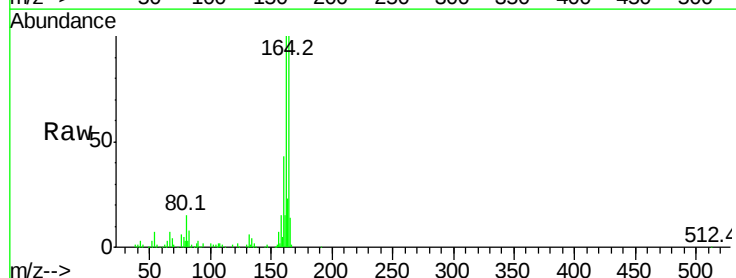
Tgt Ion: 164 Resp: 102619

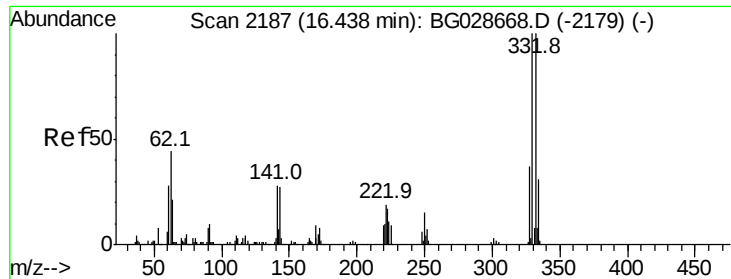
Ion Ratio Lower Upper

164 100

162 100.3 85.1 127.7

160 43.6 34.7 52.1

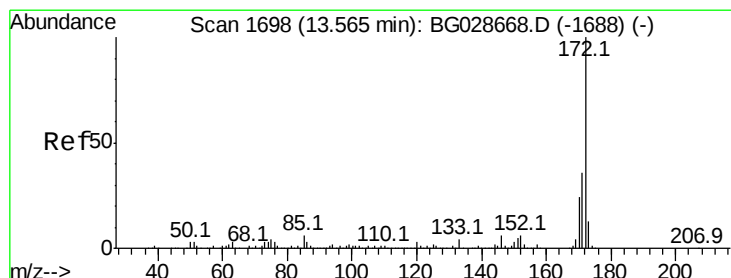
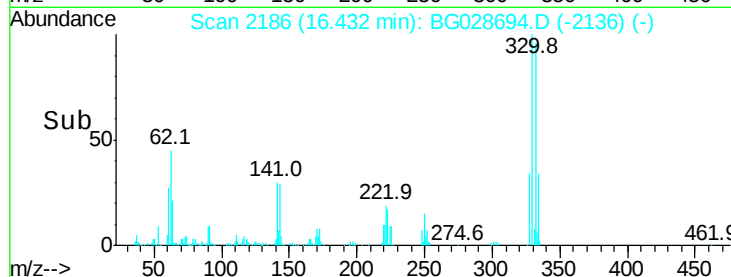
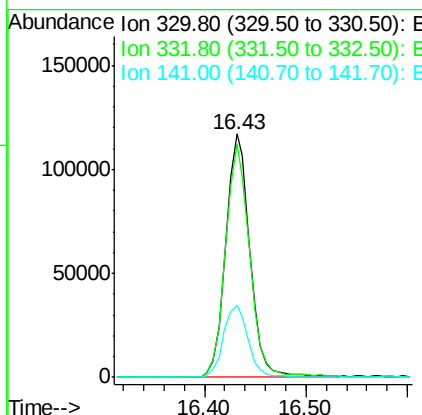
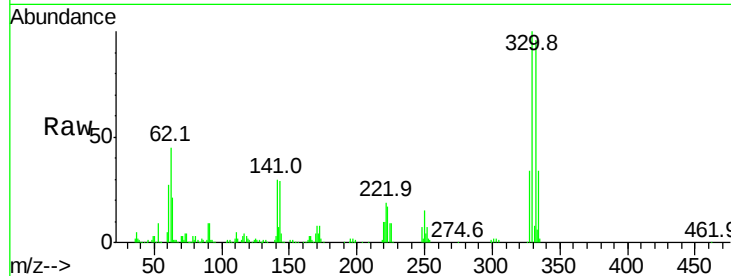




#41
 2,4,6-Tribromophenol
 Concen: 113.871 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028694.D
 Acq: 13 Sep 2017 12:12

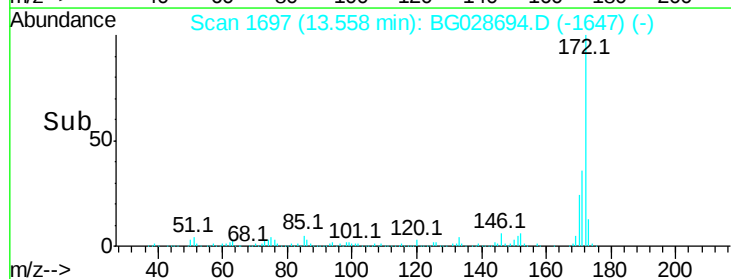
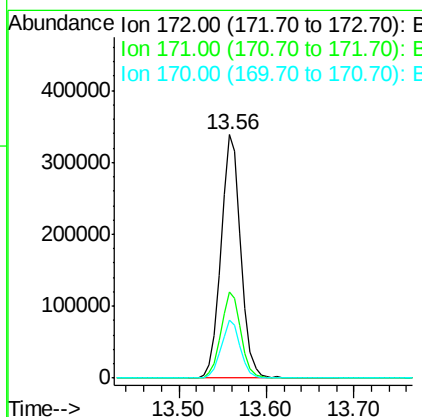
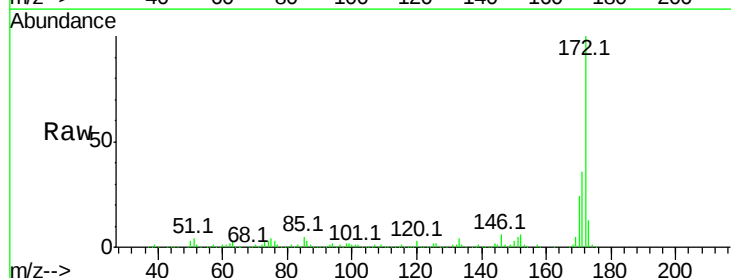
Instrument :
 BNA_G
 ClientSampleId :
 RT-2342-2669-3025-3091-3873

Tot Ion:330 Resp: 193269
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 30.5 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 68.836 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028694.D
 Acq: 13 Sep 2017 12:12

Tgt Ion:172 Resp: 529759
 Ion Ratio Lower Upper
 172 100
 171 35.5 32.2 48.2
 170 23.6 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028694.D

Acq: 13 Sep 2017 12:12

Instrument :

BNA_G

ClientSampleId :

RT-2342-2669-3025-3091-3873

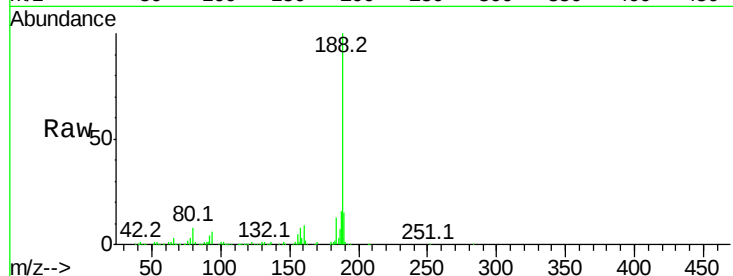
Tot Ion:188 Resp: 286290

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

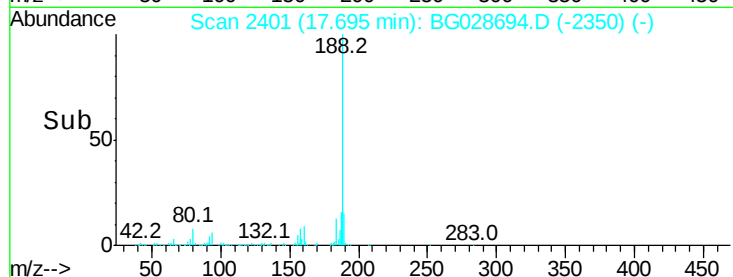
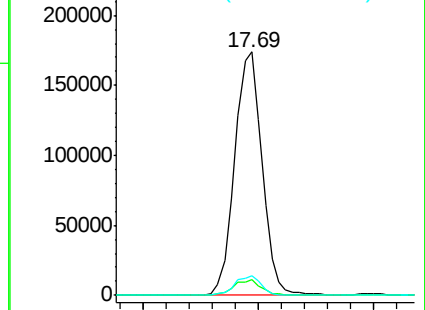
80 8.0 7.5 11.3



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: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028694.D

Acq: 13 Sep 2017 12:12

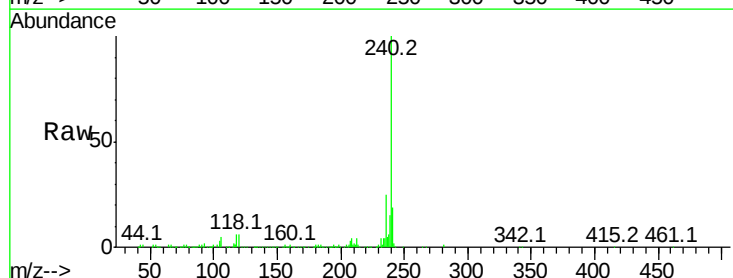
Tgt Ion:240 Resp: 308450

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

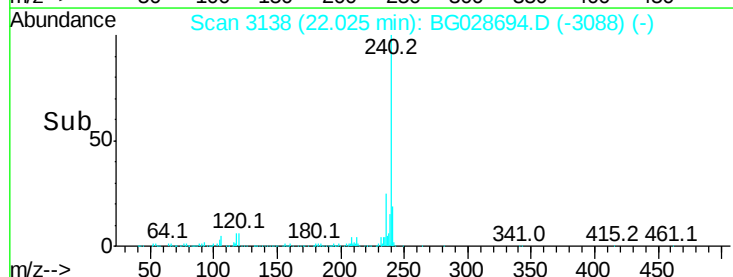
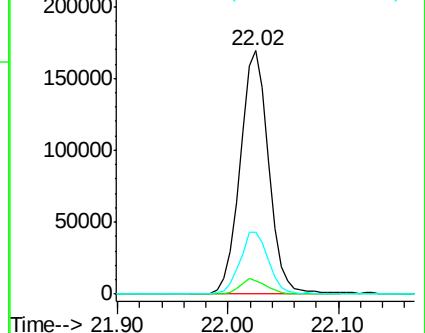
236 25.3 22.2 33.4

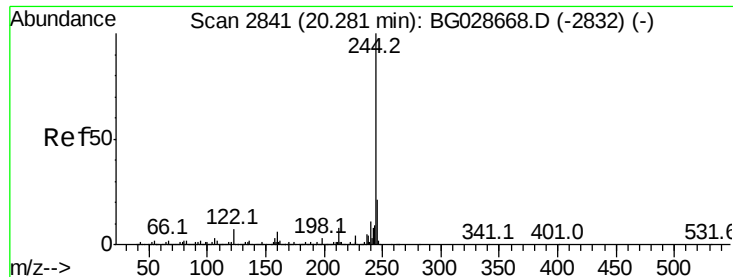


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.004 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028694.D

Acq: 13 Sep 2017 12:12

Instrument :

BNA_G

ClientSampleId :

RT-2342-2669-3025-3091-3873

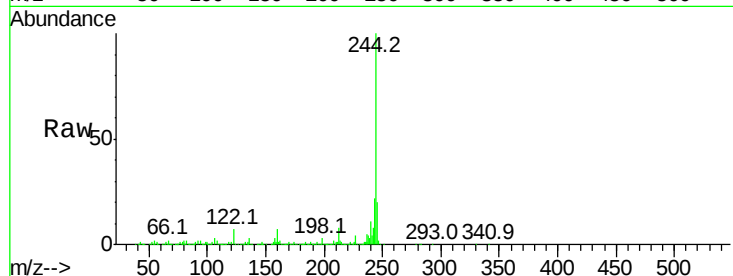
Tot Ion:244 Resp: 983600

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

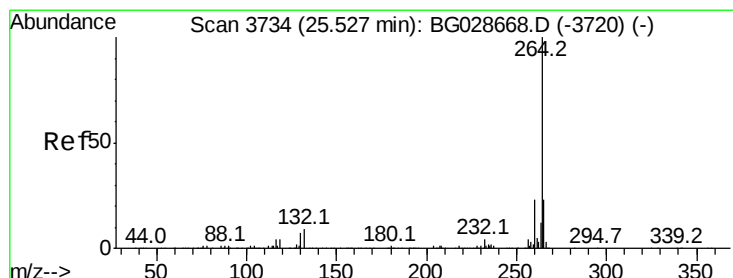
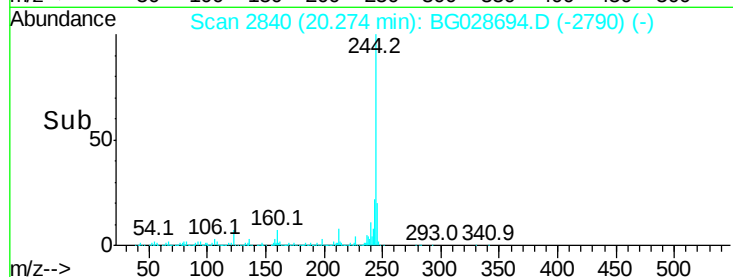
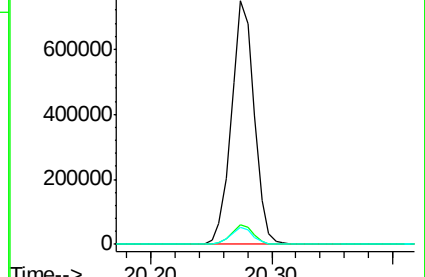
122 7.1 8.6 12.8#



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: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028694.D

Acq: 13 Sep 2017 12:12

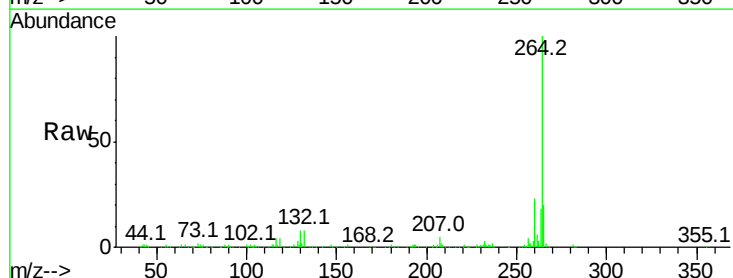
Tgt Ion:264 Resp: 277454

Ion Ratio Lower Upper

264 100

260 22.8 21.8 32.8

265 19.9 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

