

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024002.D
 Acq On : 16 Sep 2016 20:37
 Operator : UM/SJ
 Sample : H4813-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1

Quant Time: Sep 17 00:41:45 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 00:17:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	43178	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	188568	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	164566	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	389585	20.00	ng	0.00
75) Chrysene-d12	21.80	240	452887	20.00	ng	0.00
86) Perylene-d12	25.14	264	461536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	187435	76.21	ng	0.00
7) Phenol-d6	7.23	99	188262	49.73	ng	0.00
23) Nitrobenzene-d5	9.23	82	463542	109.74	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	388756	131.12	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	988137	86.09	ng	0.00
78) Terphenyl-d14	20.10	244	1743765	87.69	ng	0.00

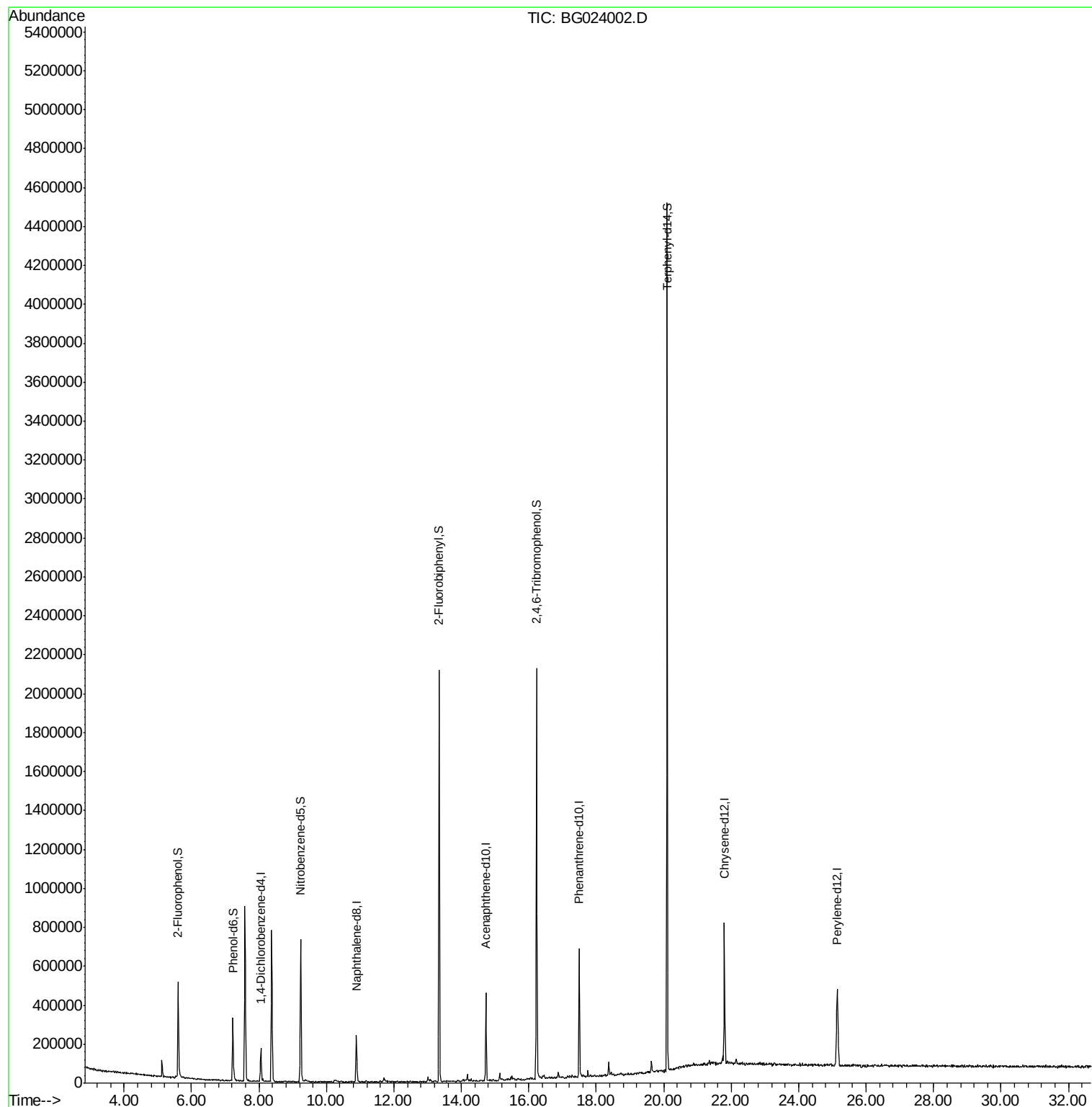
Target Compounds Qvalue

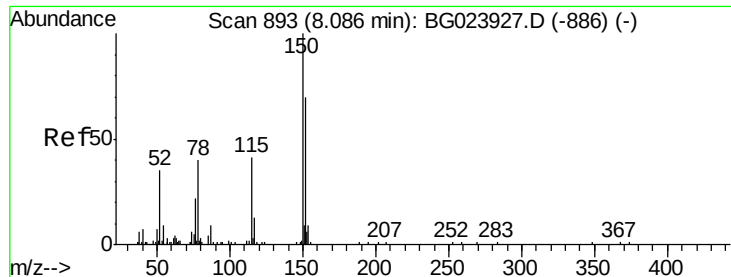
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG024002.D

Acq: 16 Sep 2016 20:37

Instrument :

BNA_G

ClientSampleId :

SB-1

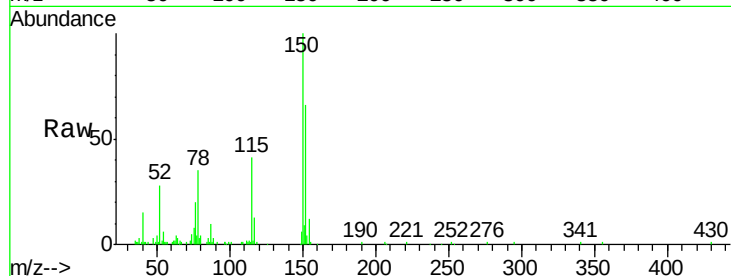
Tot Ion:152 Resp: 43178

Ion Ratio Lower Upper

152 100

150 152.0 144.7 217.1

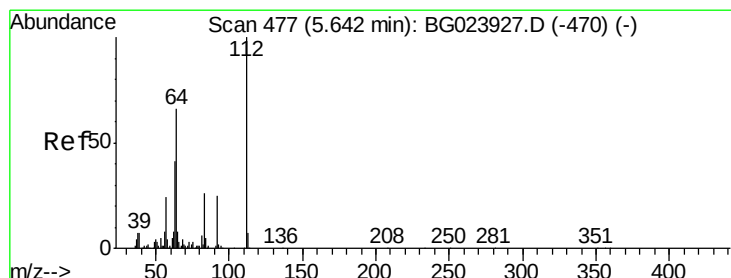
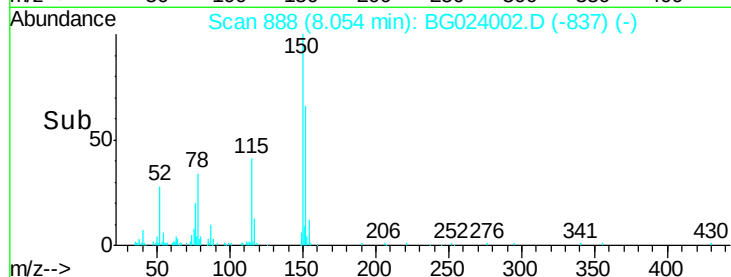
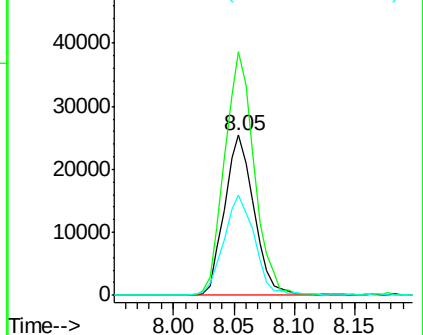
115 62.9 64.0 96.0#



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: 76.21 ng

RT: 5.60 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG024002.D

Acq: 16 Sep 2016 20:37

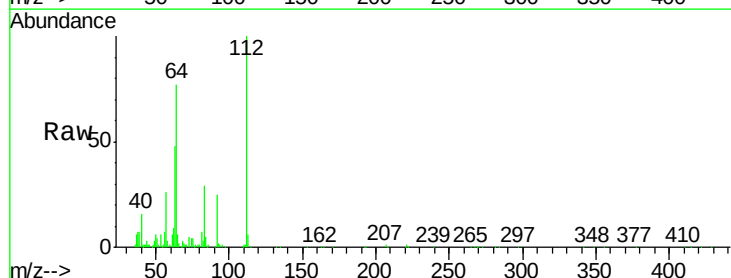
Tgt Ion:112 Resp: 187435

Ion Ratio Lower Upper

112 100

64 77.1 59.0 88.4

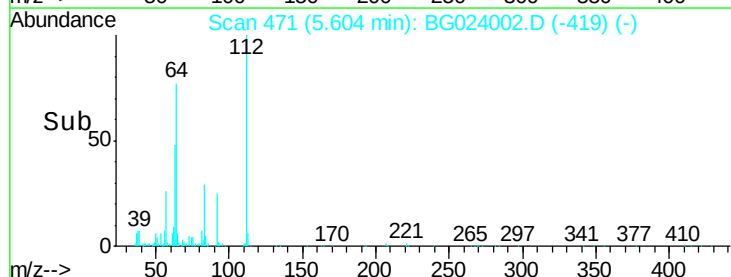
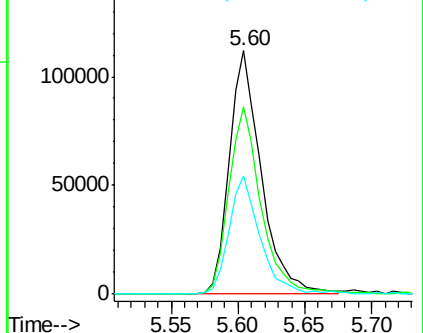
63 48.4 37.8 56.8

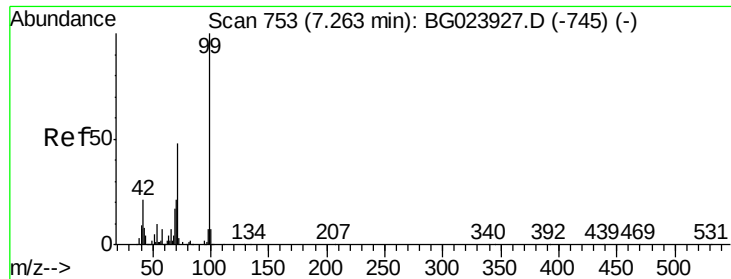


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 49.73 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG024002.D

Acq: 16 Sep 2016 20:37

Instrument :

BNA_G

ClientSampleId :

SB-1

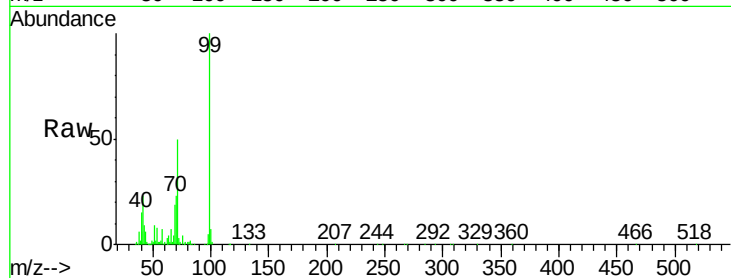
Tot Ion: 99 Resp: 188262

Ion Ratio Lower Upper

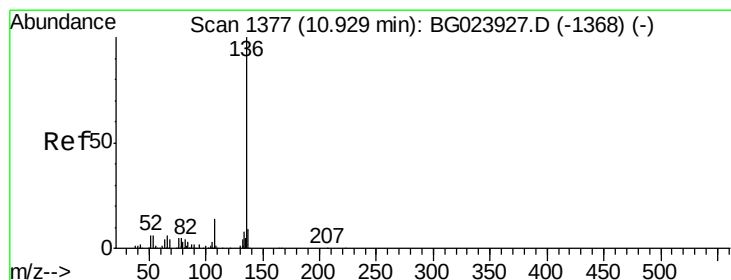
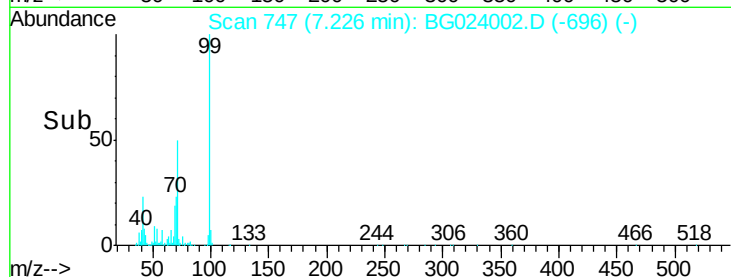
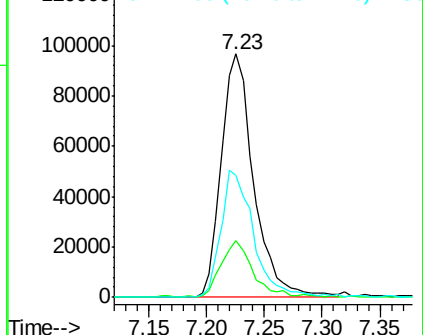
99 100

42 23.1 17.8 26.6

71 49.9 41.5 62.3



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: 20.00 ng

RT: 10.89 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BG024002.D

Acq: 16 Sep 2016 20:37

Tgt Ion: 136 Resp: 188568

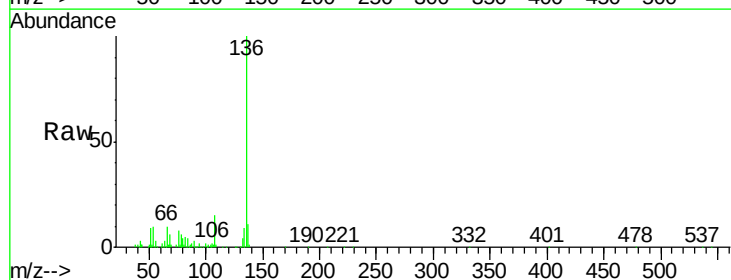
Ion Ratio Lower Upper

136 100

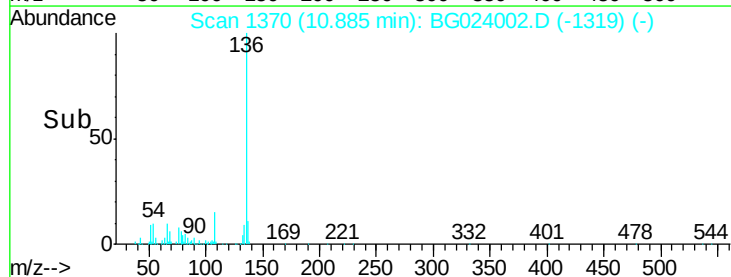
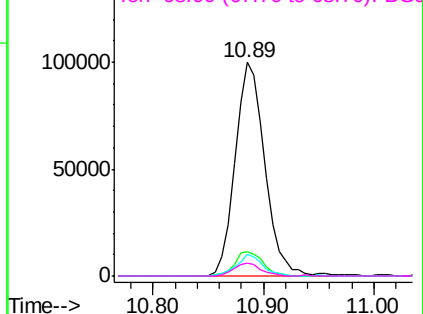
137 11.3 9.6 14.4

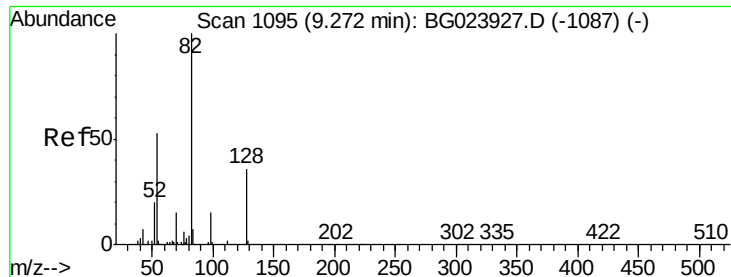
54 10.1 7.3 10.9

68 5.8 5.3 7.9



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: 109.74 ng

RT: 9.23 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BG024002.D

Acq: 16 Sep 2016 20:37

Instrument :

BNA_G

ClientSampleId :

SB-1

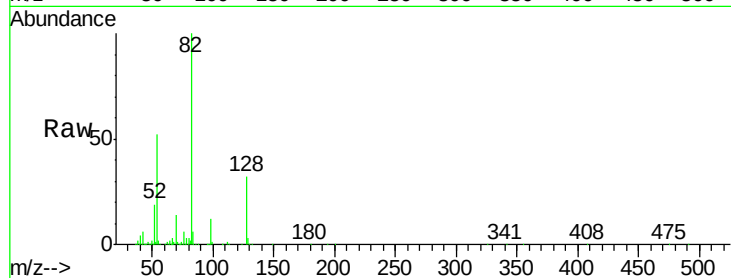
Tot Ion: 82 Resp: 463542

Ion Ratio Lower Upper

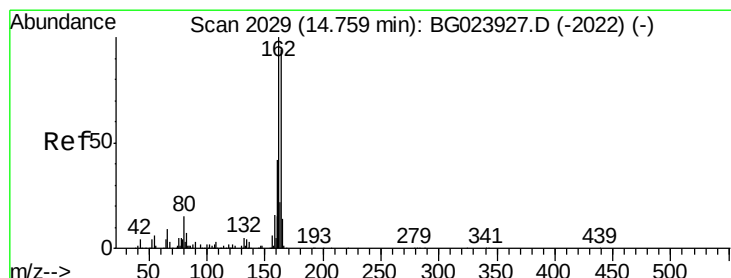
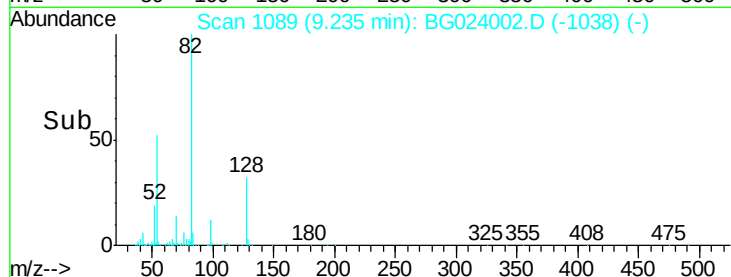
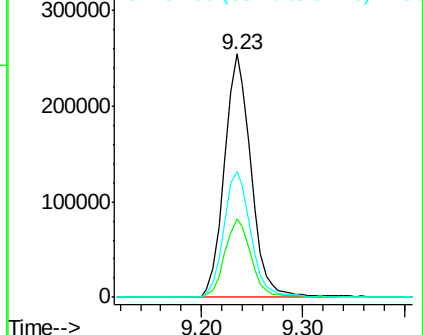
82 100

128 32.2 24.4 36.6

54 51.8 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG024002.D

Acq: 16 Sep 2016 20:37

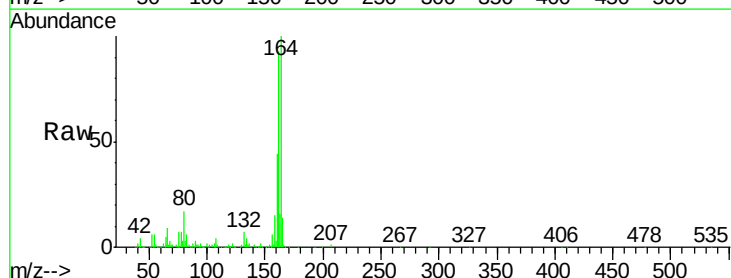
Tgt Ion: 164 Resp: 164566

Ion Ratio Lower Upper

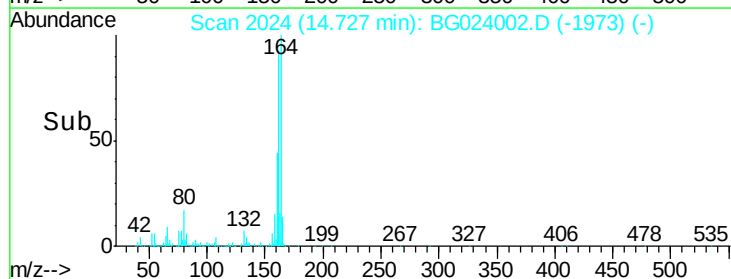
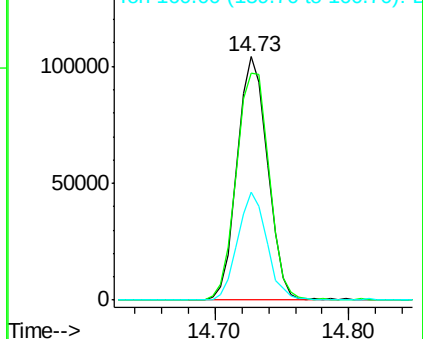
164 100

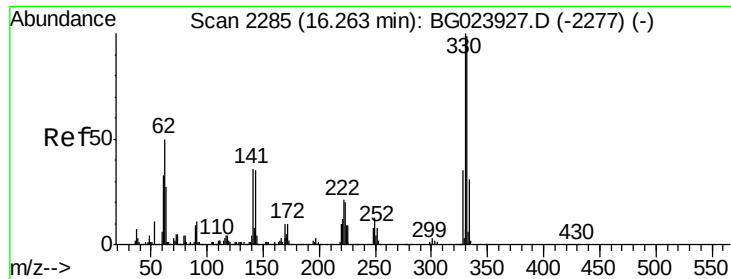
162 93.0 87.7 131.5

160 44.3 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

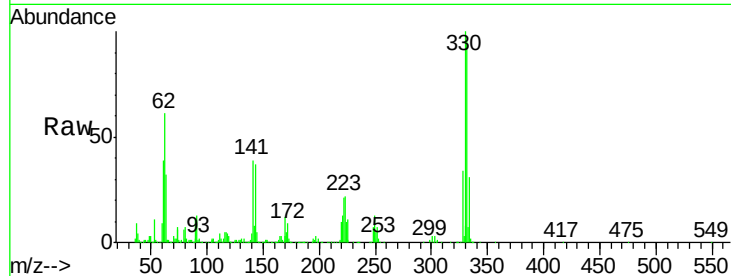




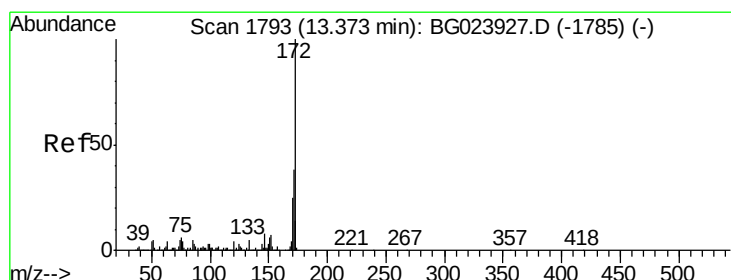
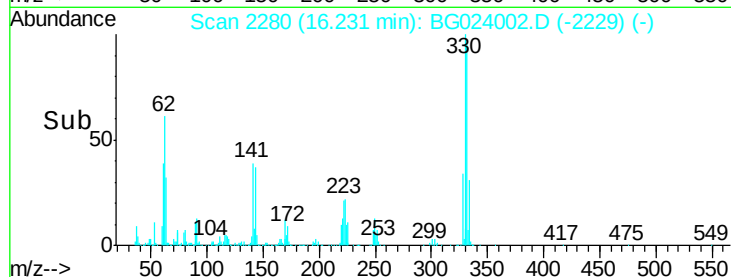
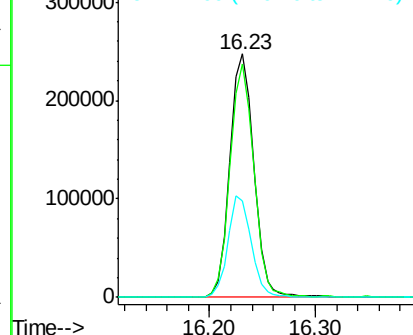
#41
 2,4,6-Tribromophenol
 Concen: 131.12 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG024002.D
 Acq: 16 Sep 2016 20:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.2
141	40.3	31.7	47.5

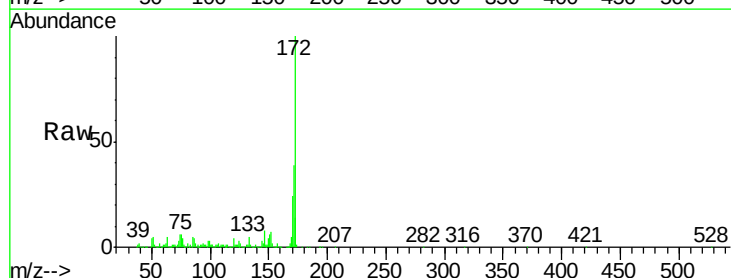


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

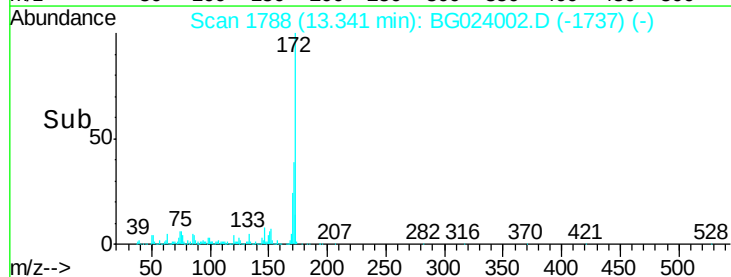
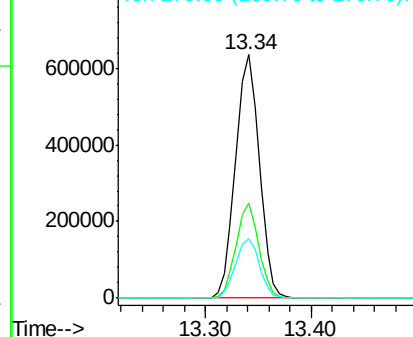


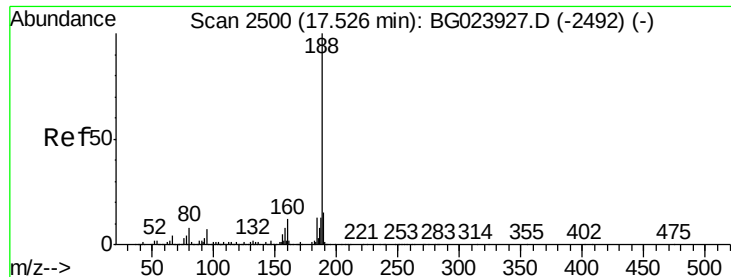
#44
 2-Fluorobiphenyl
 Concen: 86.09 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG024002.D
 Acq: 16 Sep 2016 20:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.6	47.4
170	24.1	21.3	31.9



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: 20.00 ng

RT: 17.49 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG024002.D

Acq: 16 Sep 2016 20:37

Instrument :

BNA_G

ClientSampleId :

SB-1

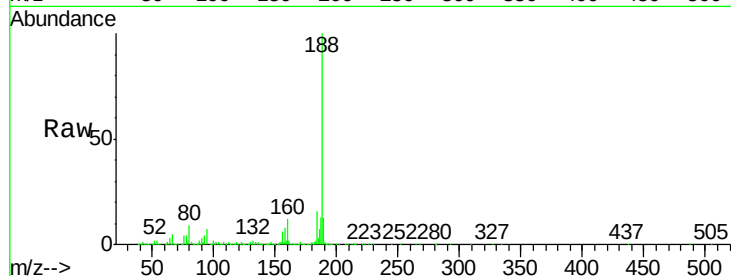
Tot Ion:188 Resp: 389585

Ion Ratio Lower Upper

188 100

94 6.6 5.2 7.8

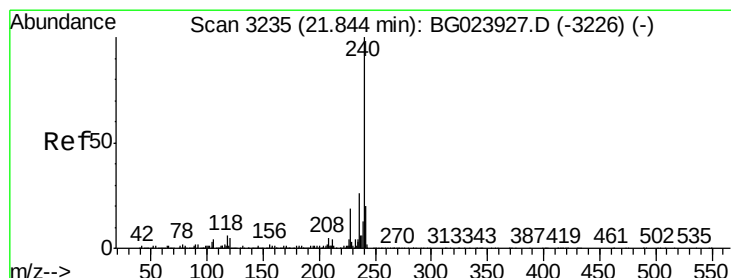
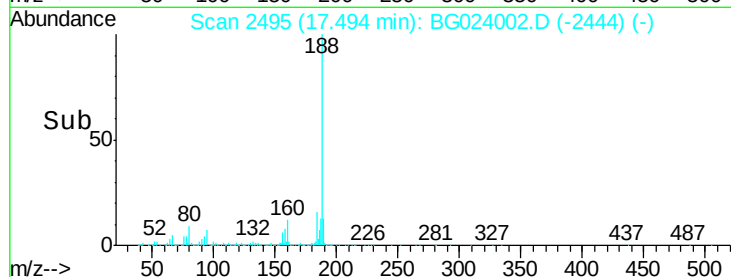
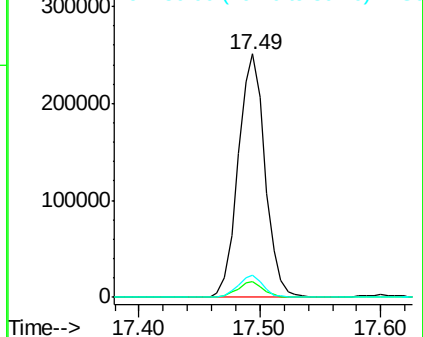
80 8.9 7.2 10.8



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: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BG024002.D

Acq: 16 Sep 2016 20:37

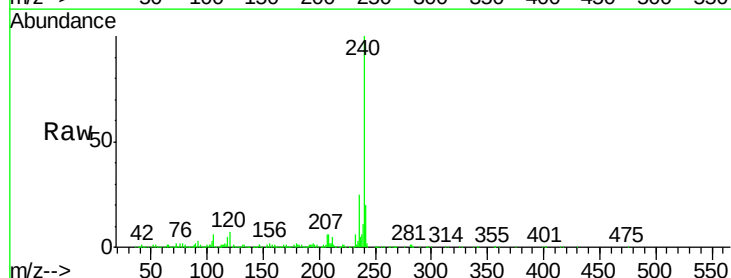
Tgt Ion:240 Resp: 452887

Ion Ratio Lower Upper

240 100

120 6.6 4.1 6.1#

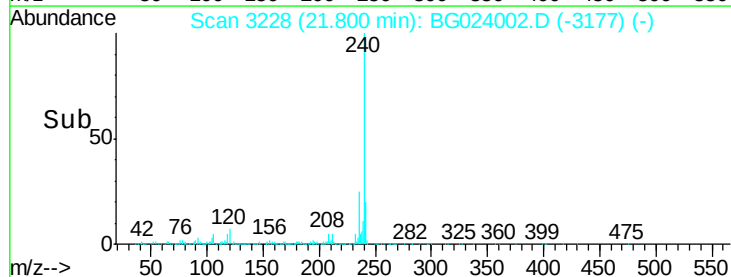
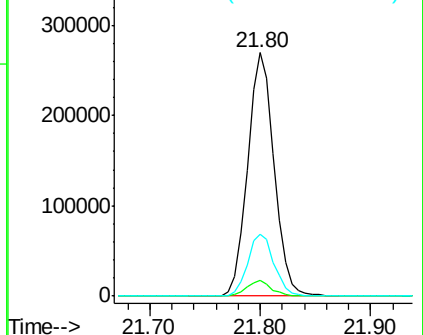
236 25.4 21.1 31.7

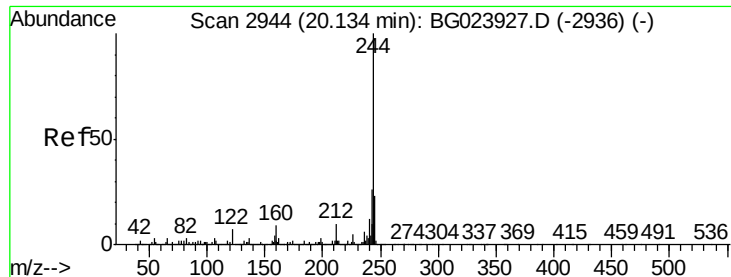


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.69 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG024002.D

Acq: 16 Sep 2016 20:37

Instrument :

BNA_G

ClientSampleId :

SB-1

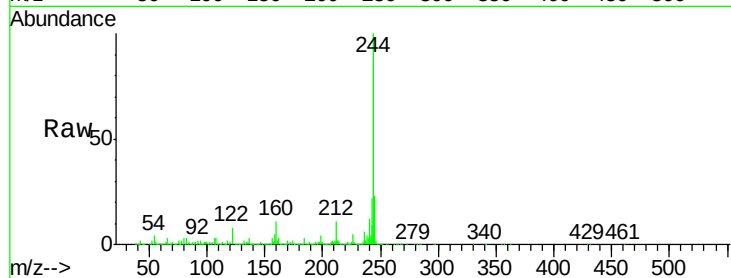
Tot Ion:244 Resp: 1743765

Ion Ratio Lower Upper

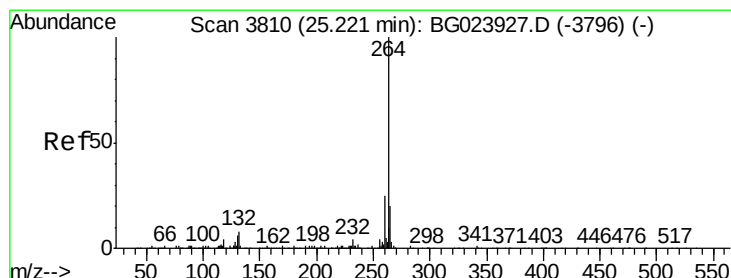
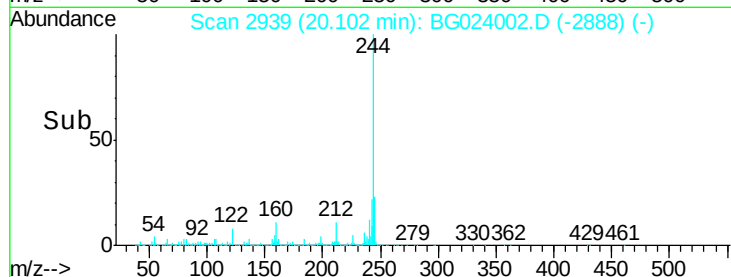
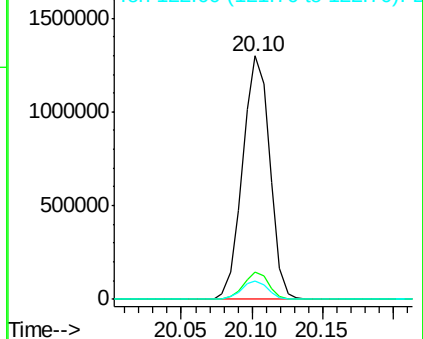
244 100

212 11.2 10.8 16.2

122 7.5 8.0 12.0#



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: 20.00 ng

RT: 25.14 min Scan# 3797

Delta R.T. -0.00 min

Lab File: BG024002.D

Acq: 16 Sep 2016 20:37

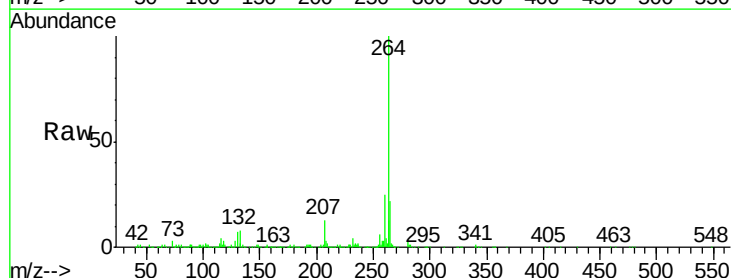
Tgt Ion:264 Resp: 461536

Ion Ratio Lower Upper

264 100

260 24.7 18.4 27.6

265 22.2 18.9 28.3



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

