

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024005.D
 Acq On : 16 Sep 2016 22:32
 Operator : UM/SJ
 Sample : H4813-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4

Quant Time: Sep 17 00:48:38 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

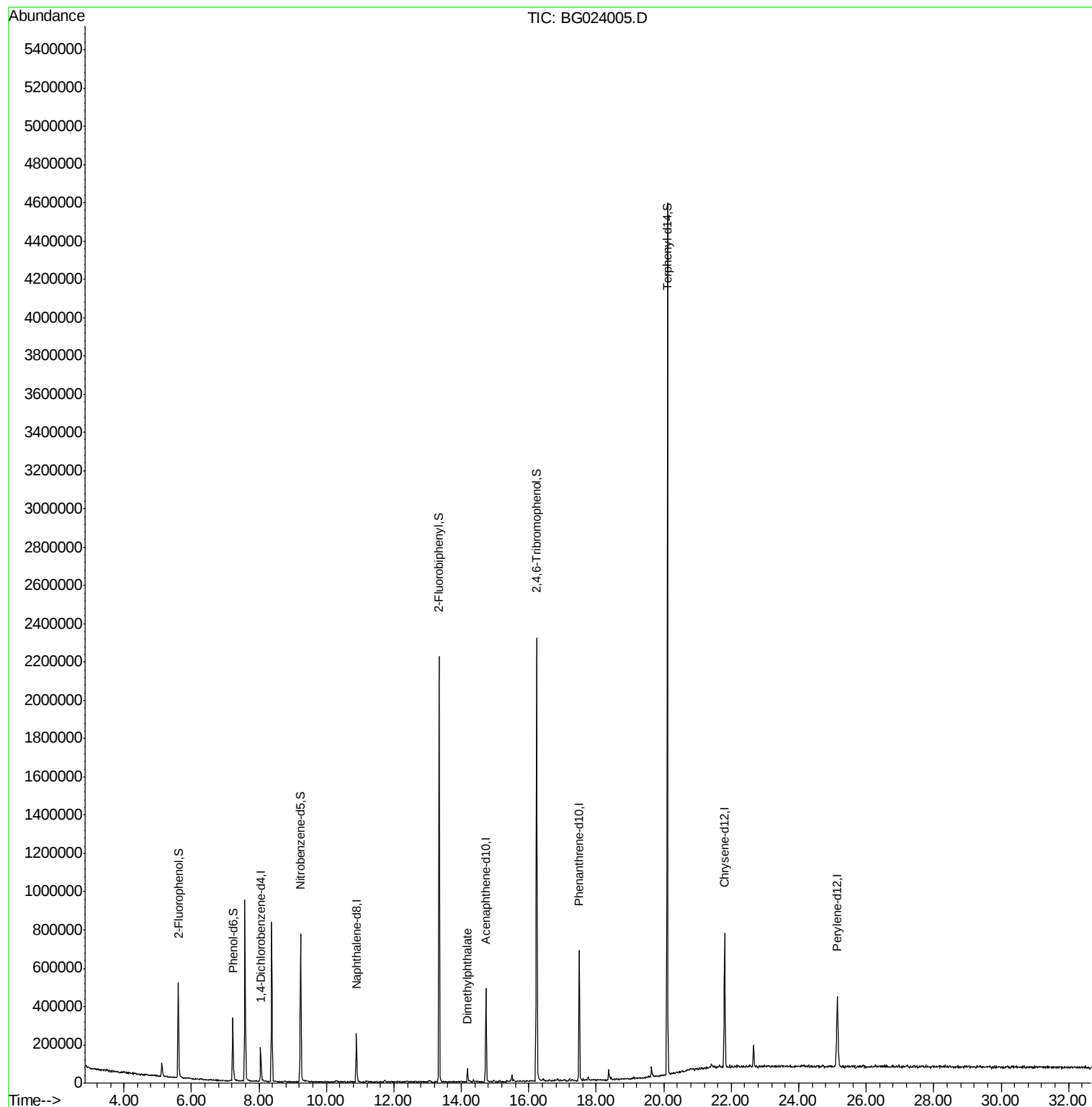
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	46134	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	200859	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	178198	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	425181	20.00	ng	0.00
75) Chrysene-d12	21.80	240	446669	20.00	ng	0.00
86) Perylene-d12	25.15	264	458624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	200867	76.44	ng	0.00
7) Phenol-d6	7.23	99	191028	47.23	ng	0.00
23) Nitrobenzene-d5	9.24	82	496621	110.38	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	416855	129.84	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1053431	84.76	ng	0.00
78) Terphenyl-d14	20.11	244	1825368	93.07	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	42270	2.77	ng	Qvalue # 98

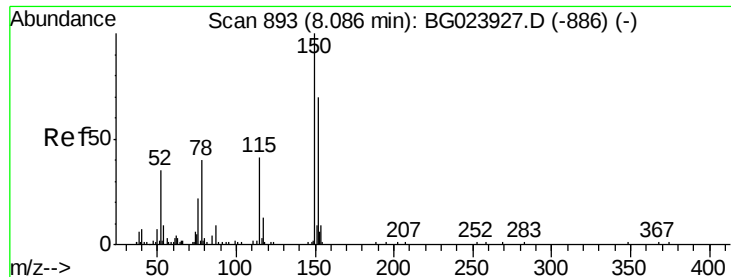
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

Instrument :

BNA_G

ClientSampled :

SB-4

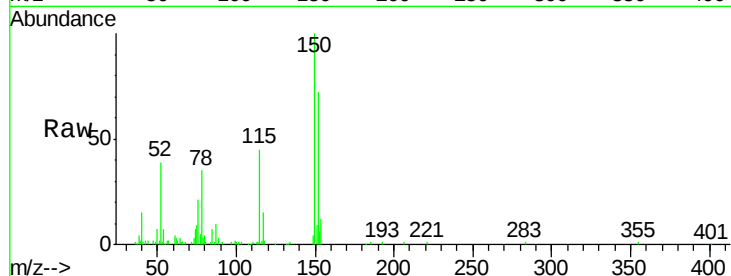
Tot Ion:152 Resp: 46134

Ion Ratio Lower Upper

152 100

150 138.6 144.7 217.1#

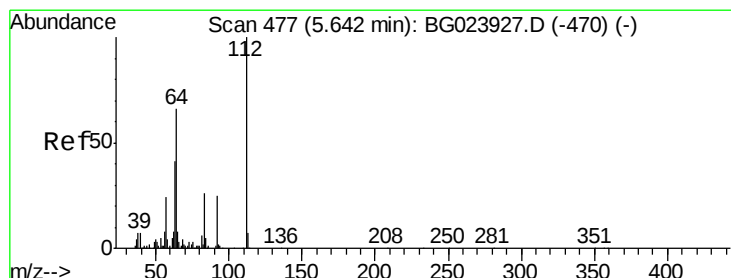
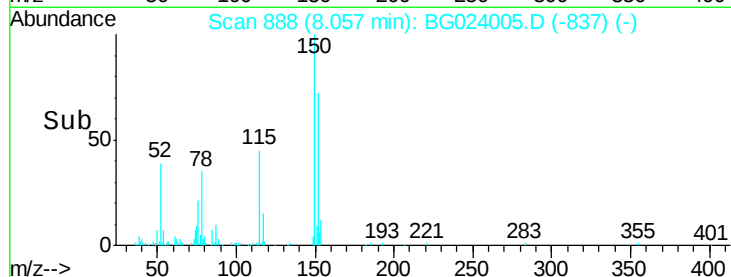
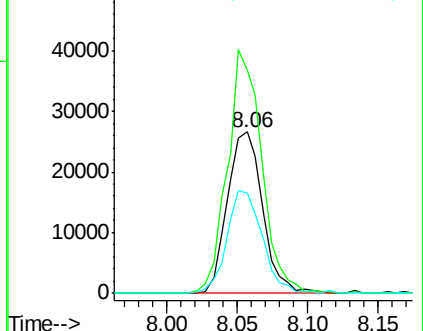
115 62.4 64.0 96.0#



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: 76.44 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.01 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

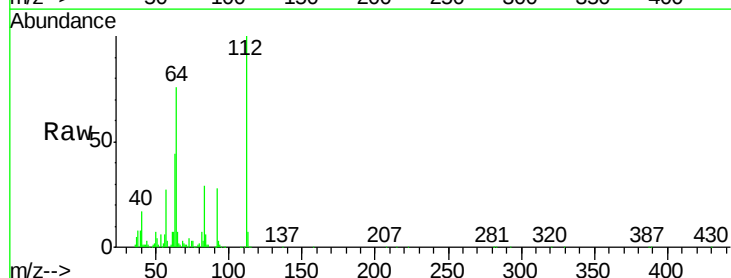
Tgt Ion:112 Resp: 200867

Ion Ratio Lower Upper

112 100

64 76.1 59.0 88.4

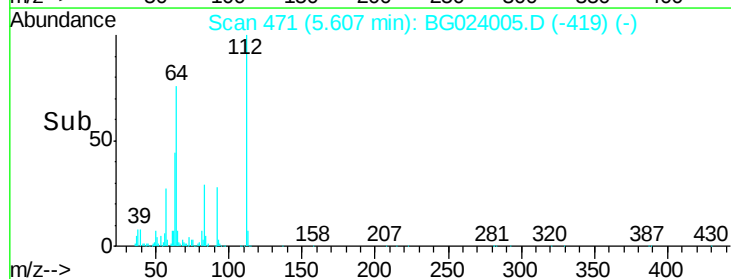
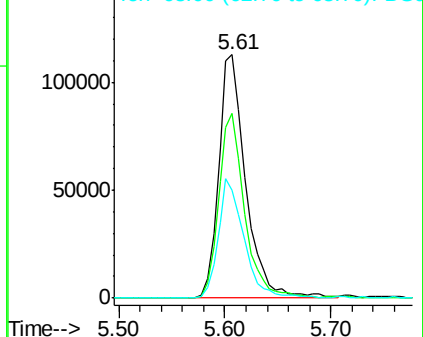
63 44.3 37.8 56.8

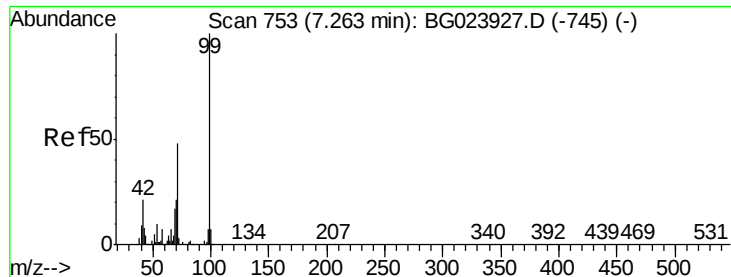


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 47.23 ng

RT: 7.23 min Scan# 747

Delta R.T. 0.00 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

Instrument :

BNA_G

ClientSampleId :

SB-4

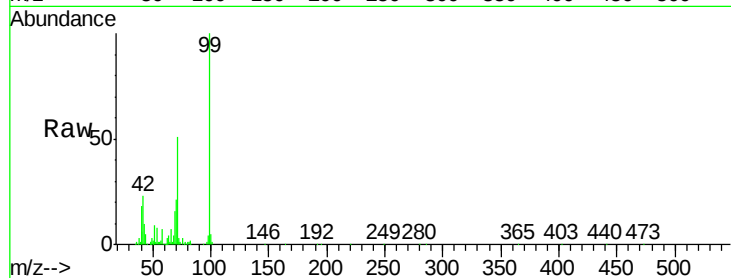
Tot Ion: 99 Resp: 191028

Ion Ratio Lower Upper

99 100

42 22.6 17.8 26.6

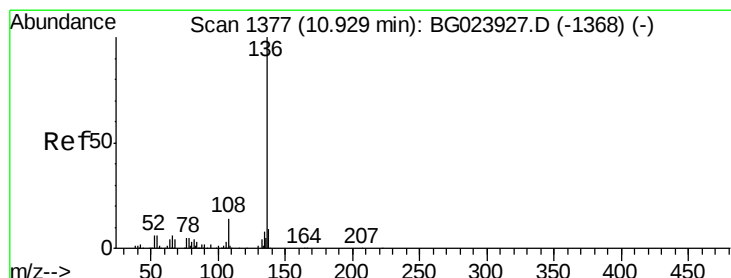
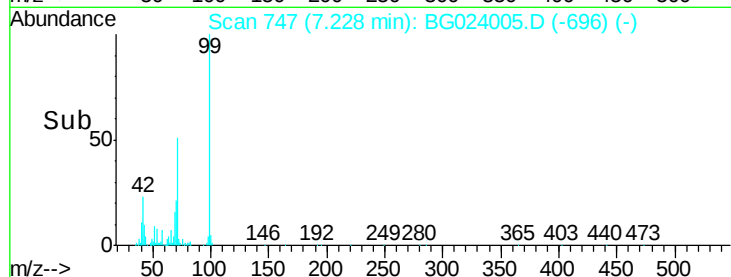
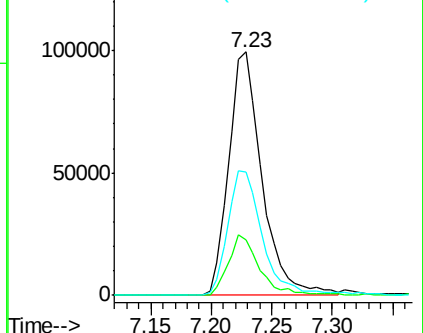
71 50.6 41.5 62.3



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: BG024005.D

Acq: 16 Sep 2016 22:32

Tgt Ion: 136 Resp: 200859

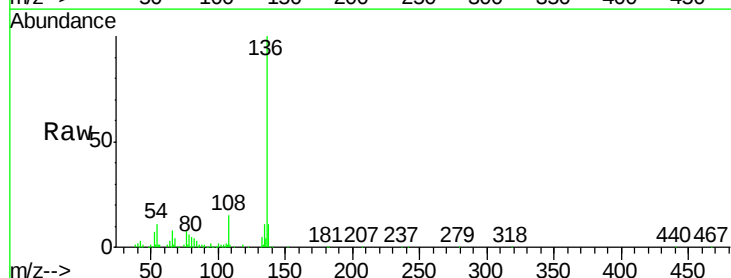
Ion Ratio Lower Upper

136 100

137 10.5 9.6 14.4

54 10.9 7.3 10.9

68 4.3 5.3 7.9#

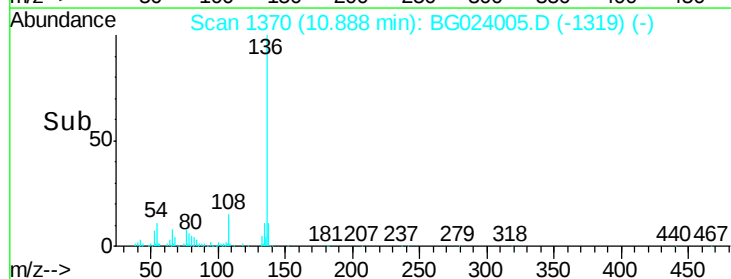
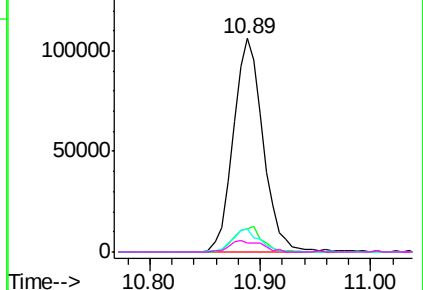


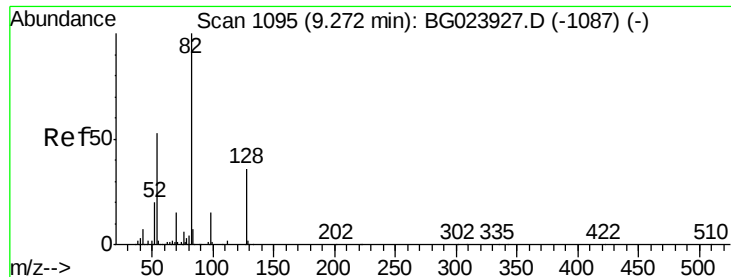
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

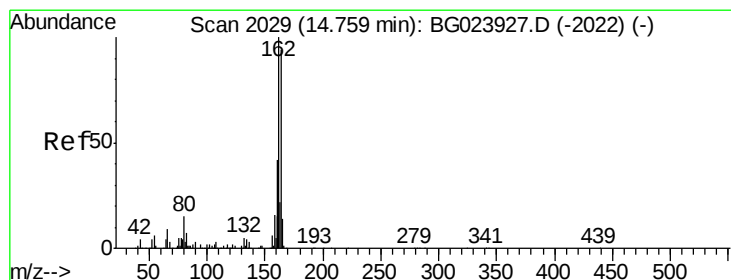
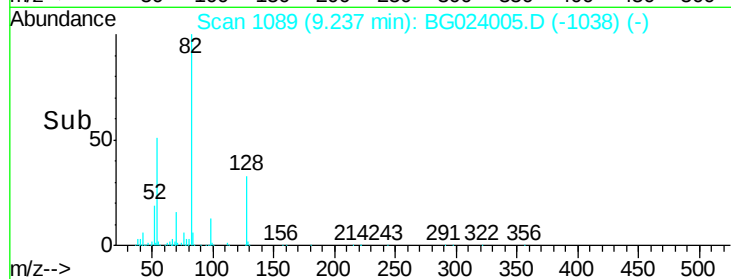
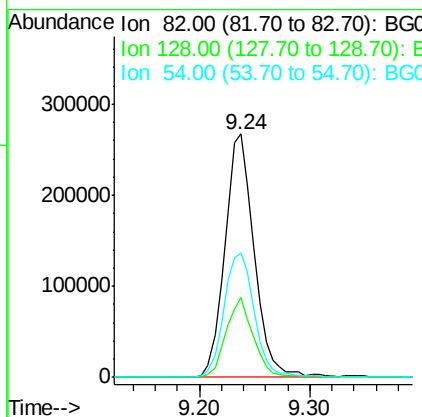
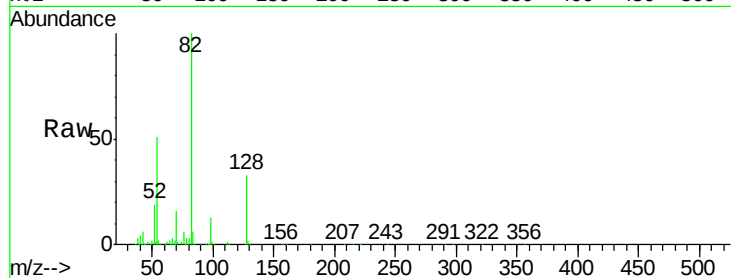




#23
 Nitrobenzene-d5
 Concen: 110.38 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BG024005.D
 Acq: 16 Sep 2016 22:32

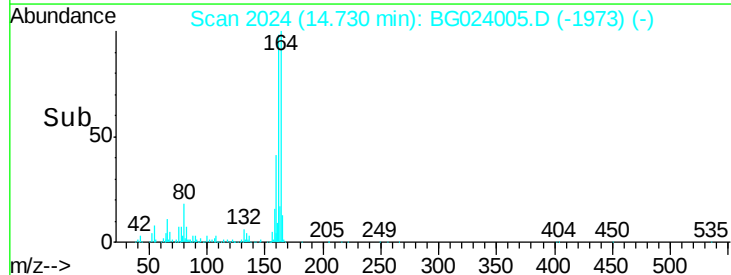
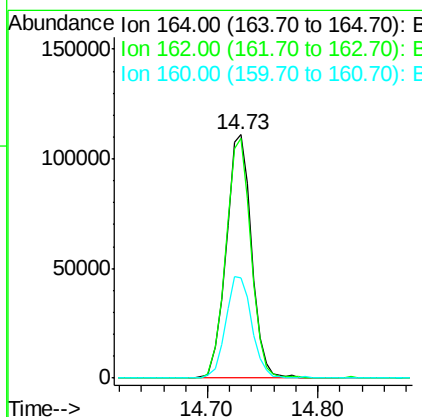
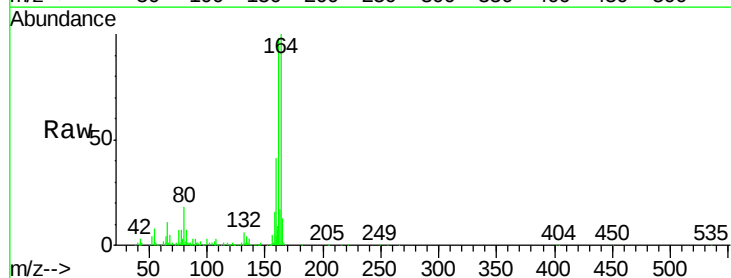
Instrument :
 BNA_G
 ClientSampleId :
 SB-4

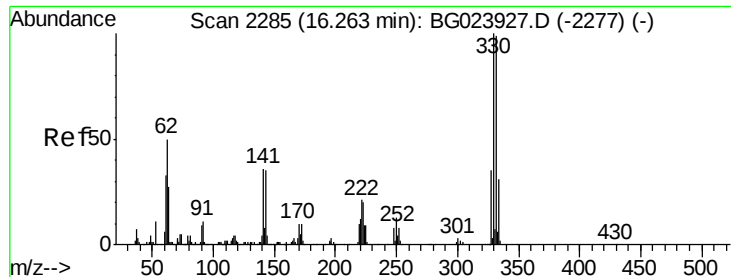
Tot Ion	82	Resp	496621
Ion Ratio	Lower	Upper	
82	100		
128	32.9	24.4	36.6
54	51.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BG024005.D
 Acq: 16 Sep 2016 22:32

Tgt Ion	164	Resp	178198
Ion Ratio	Lower	Upper	
164	100		
162	98.3	87.7	131.5
160	41.3	37.2	55.8

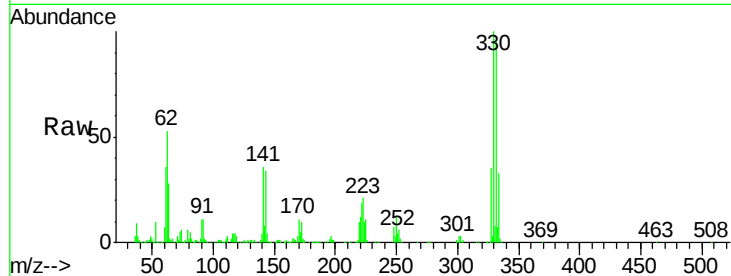




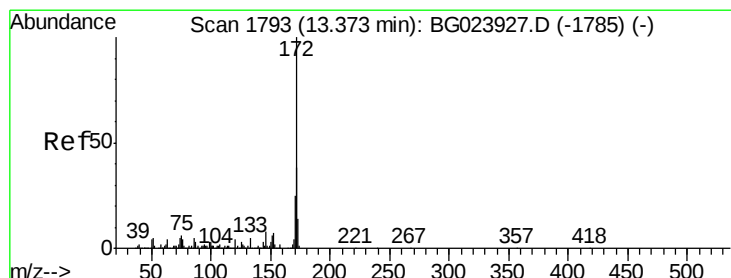
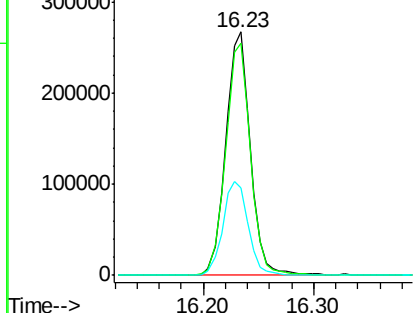
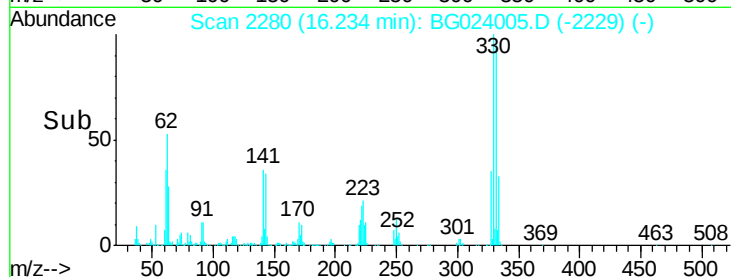
#41
 2,4,6-Tribromophenol
 Concen: 129.84 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG024005.D
 Acq: 16 Sep 2016 22:32

Instrument :
 BNA_G
 ClientSampleId :
 SB-4

Tot Ion:330 Resp: 416855
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 39.8 31.7 47.5

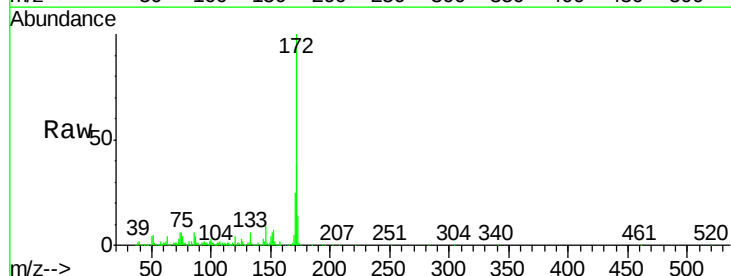


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

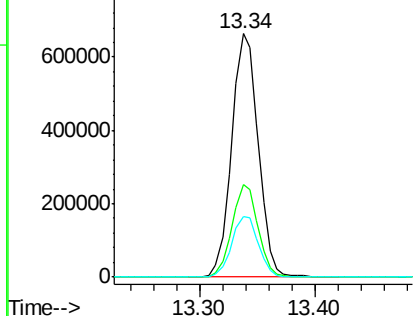
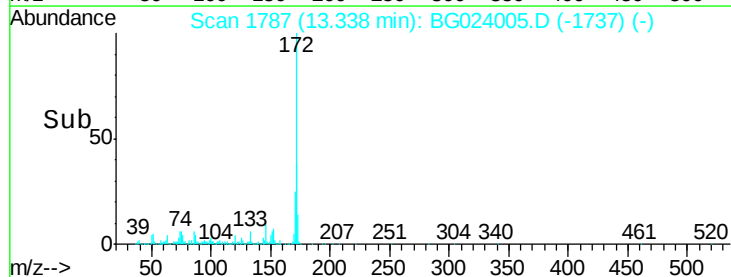


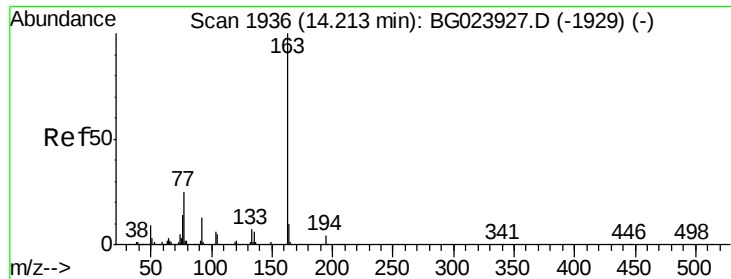
#44
 2-Fluorobiphenyl
 Concen: 84.76 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG024005.D
 Acq: 16 Sep 2016 22:32

Tgt Ion:172 Resp: 1053431
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.6 47.4
 170 25.1 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





#49

Dimethylphthalate

Concen: 2.77 ng

RT: 14.18 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

Instrument :

BNA_G

ClientSampleId :

SB-4

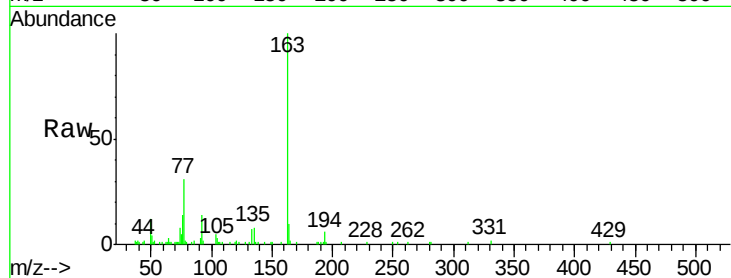
Tot Ion:163 Resp: 42270

Ion Ratio Lower Upper

163 100

194 5.6 3.6 5.4#

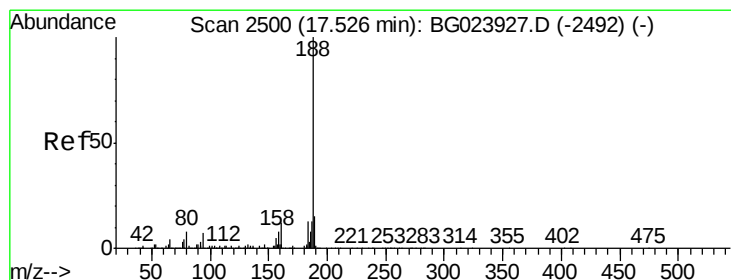
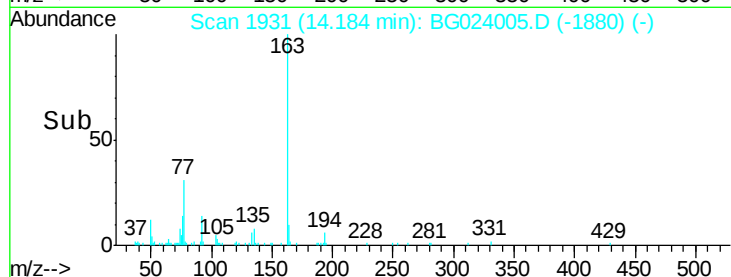
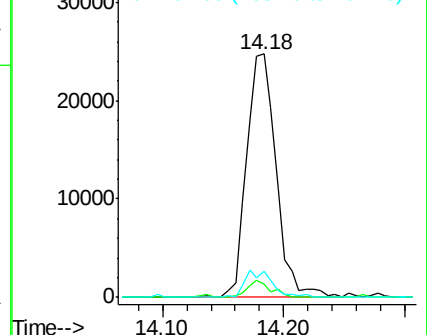
164 10.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

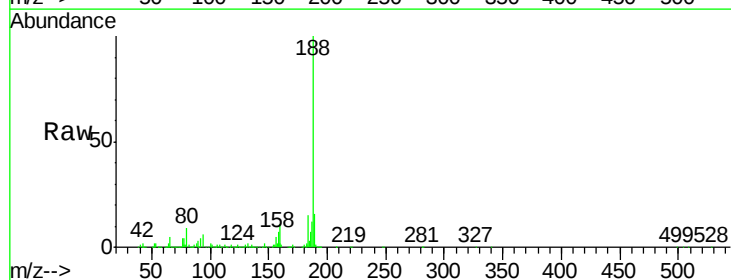
Tgt Ion:188 Resp: 425181

Ion Ratio Lower Upper

188 100

94 6.2 5.2 7.8

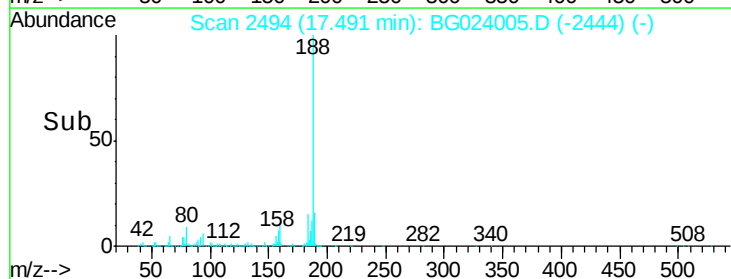
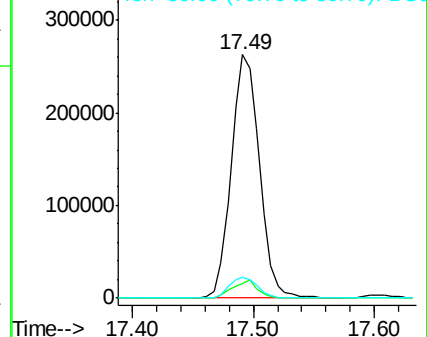
80 8.8 7.2 10.8

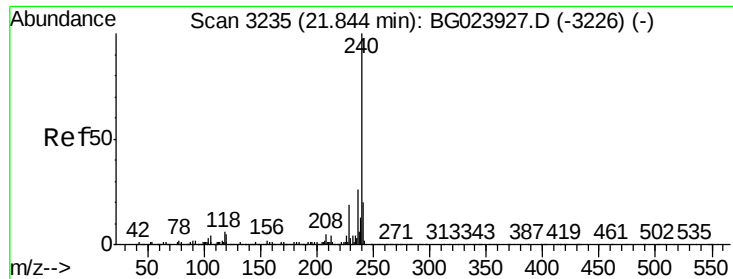


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG024005.D

Acq: 16 Sep 2016 22:32

Instrument :

BNA_G

ClientSampleId :

SB-4

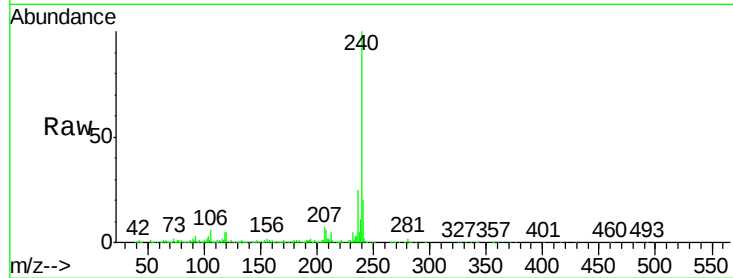
Tot Ion:240 Resp: 446669

Ion Ratio Lower Upper

240 100

120 4.9 4.1 6.1

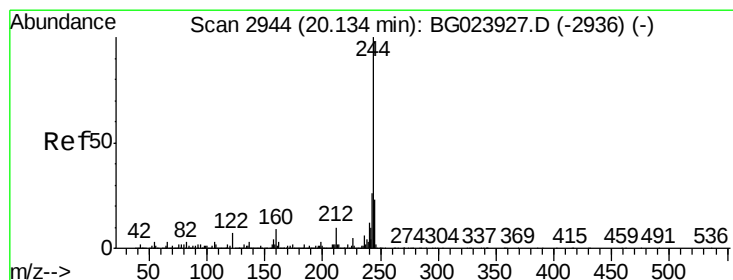
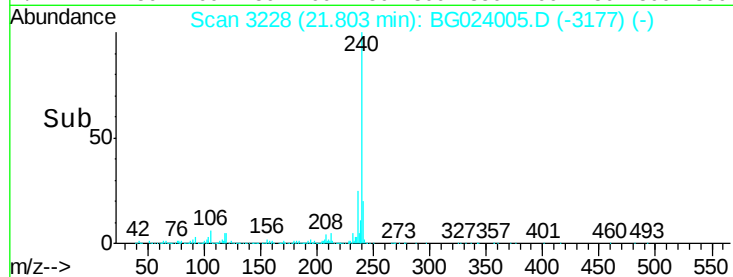
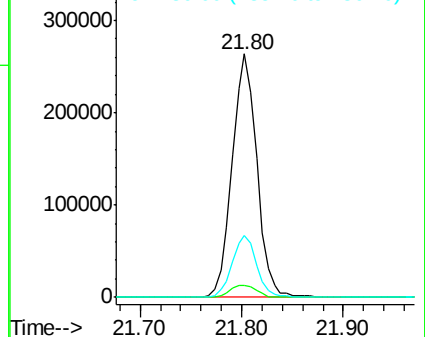
236 25.3 21.1 31.7



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: 93.07 ng

RT: 20.11 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

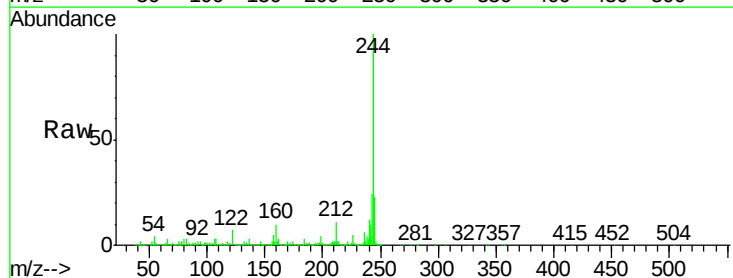
Tgt Ion:244 Resp: 1825368

Ion Ratio Lower Upper

244 100

212 10.9 10.8 16.2

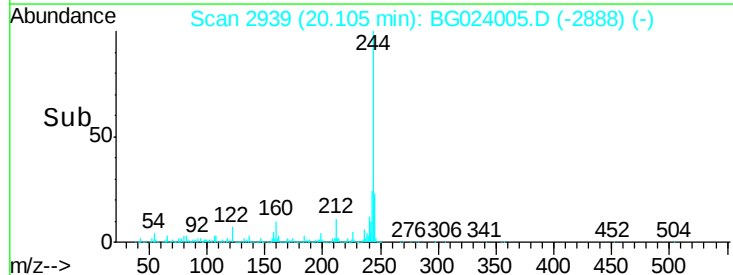
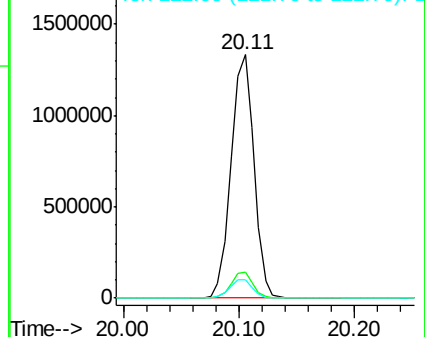
122 7.3 8.0 12.0#

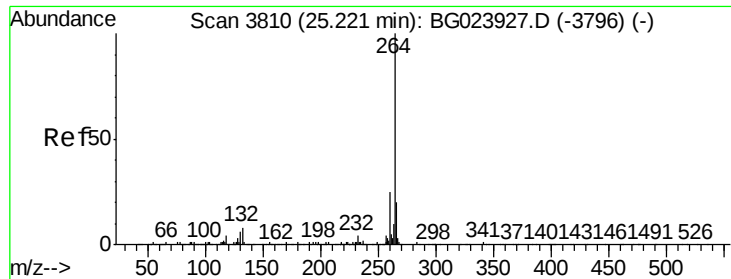


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.15 min Scan# 3798
 Delta R.T. 0.01 min
 Lab File: BG024005.D
 Acq: 16 Sep 2016 22:32

Instrument :
 BNA_G
 ClientSampleId :
 SB-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	19.6	18.4	27.6
265	21.1	18.9	28.3

