

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024003.D
 Acq On : 16 Sep 2016 21:15
 Operator : UM/SJ
 Sample : H4813-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Quant Time: Sep 17 00:43:42 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

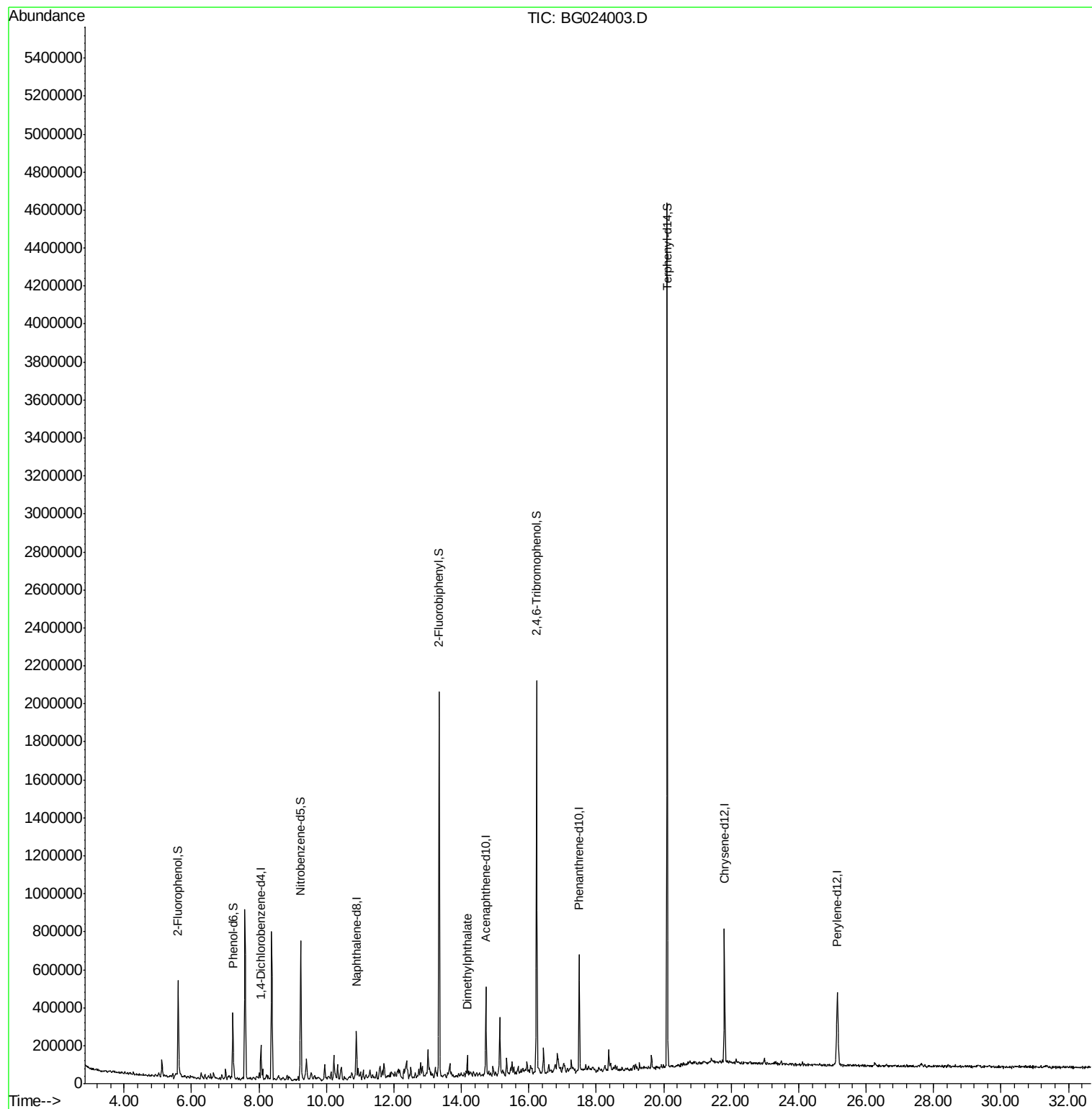
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	42675	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	190064	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	154954	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	359568	20.00	ng	0.00
75) Chrysene-d12	21.80	240	463402	20.00	ng	0.00
86) Perylene-d12	25.15	264	469298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	197083	81.08	ng	0.00
7) Phenol-d6	7.23	99	195777	52.32	ng	0.00
23) Nitrobenzene-d5	9.23	82	458393	107.67	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	357013	127.88	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	952210	88.10	ng	0.00
78) Terphenyl-d14	20.10	244	1789336	87.94	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	26750	2.01	ng	Qvalue 97

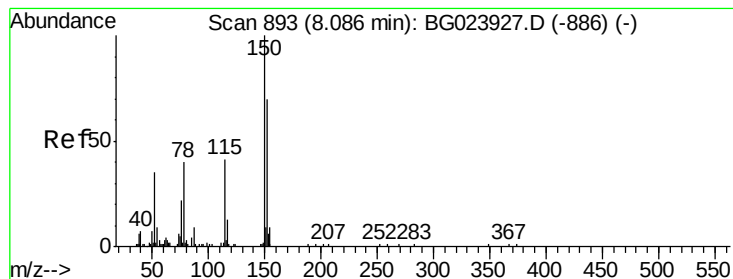
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024003.D

Acq: 16 Sep 2016 21:15

Instrument :

BNA_G

ClientSampleId :

SB-2

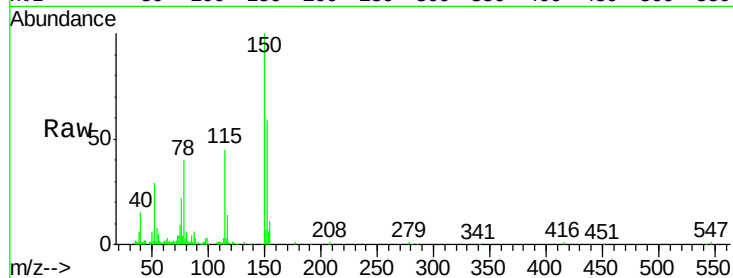
Tot Ion:152 Resp: 42675

Ion Ratio Lower Upper

152 100

150 169.2 144.7 217.1

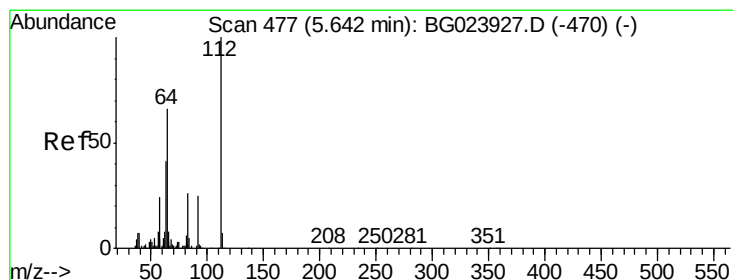
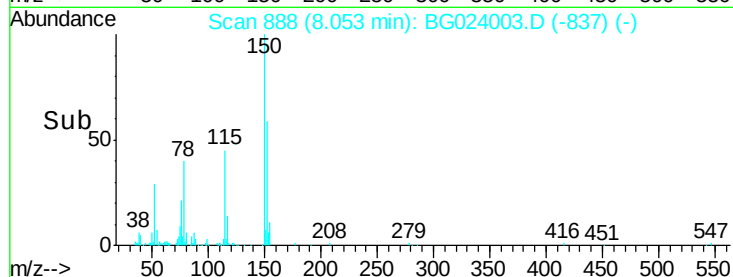
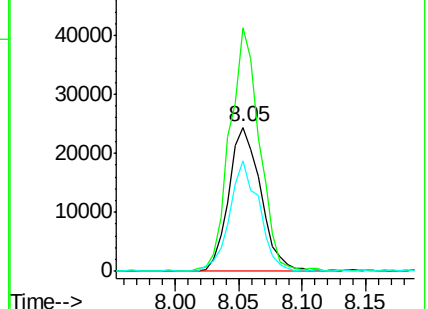
115 76.4 64.0 96.0



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: 81.08 ng

RT: 5.60 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG024003.D

Acq: 16 Sep 2016 21:15

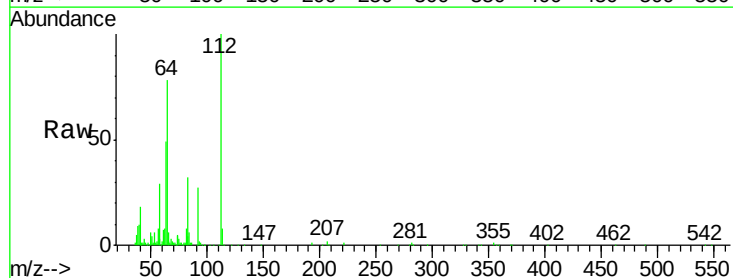
Tgt Ion:112 Resp: 197083

Ion Ratio Lower Upper

112 100

64 78.1 59.0 88.4

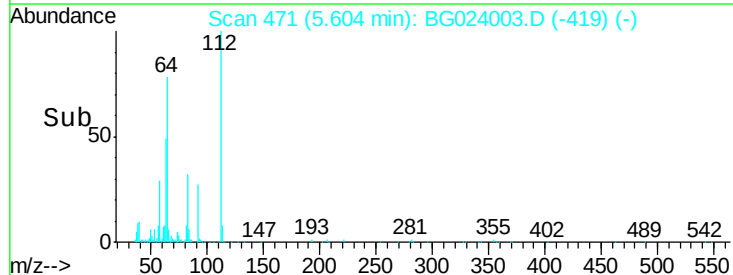
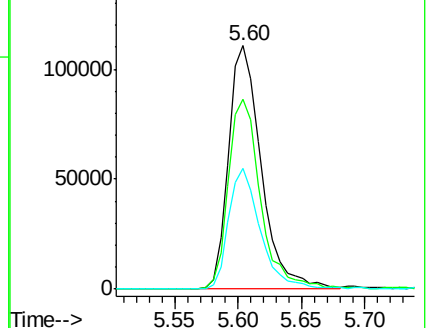
63 49.4 37.8 56.8

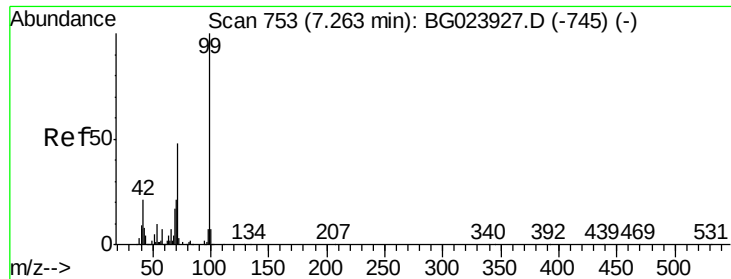


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 52.32 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG024003.D

Acq: 16 Sep 2016 21:15

Instrument :

BNA_G

ClientSampleId :

SB-2

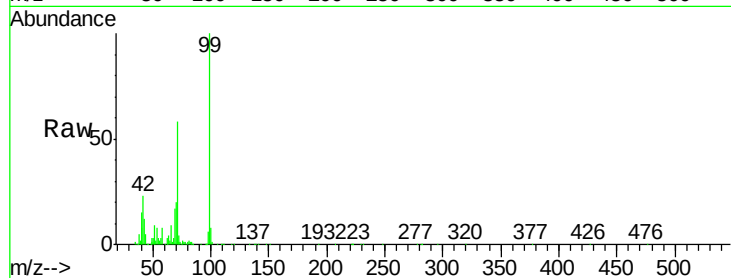
Tot Ion: 99 Resp: 195777

Ion Ratio Lower Upper

99 100

42 23.2 17.8 26.6

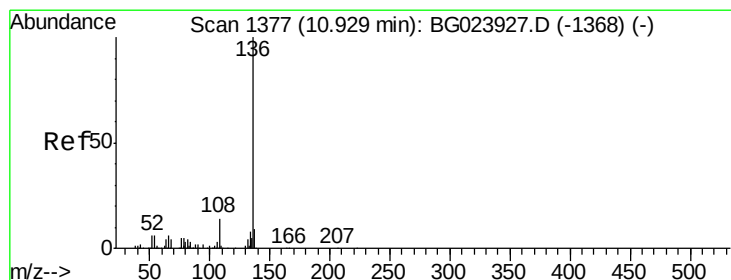
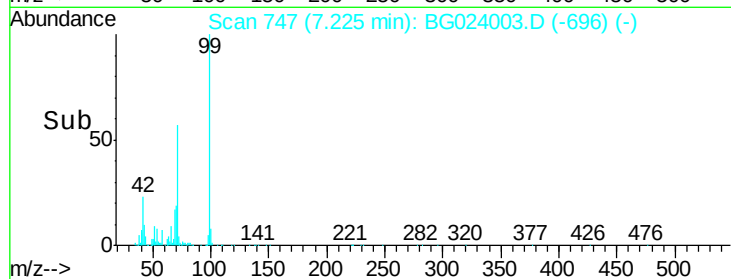
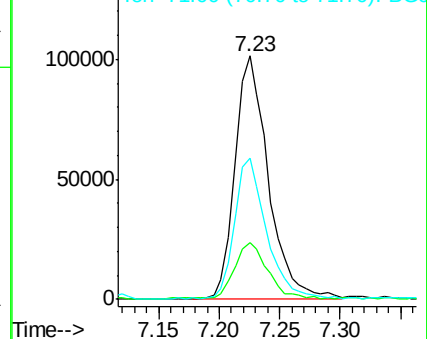
71 57.8 41.5 62.3



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: 10.88 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BG024003.D

Acq: 16 Sep 2016 21:15

Tgt Ion: 136 Resp: 190064

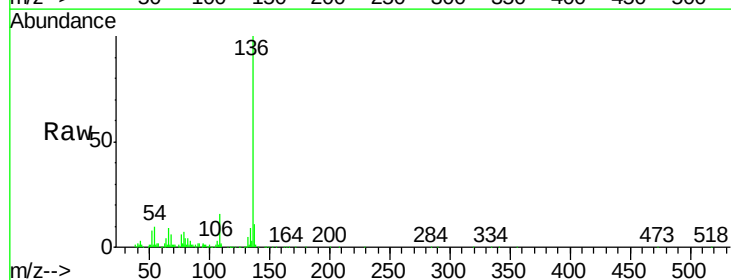
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 9.5 7.3 10.9

68 5.6 5.3 7.9

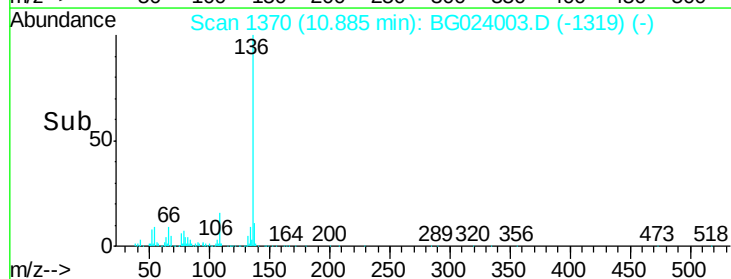
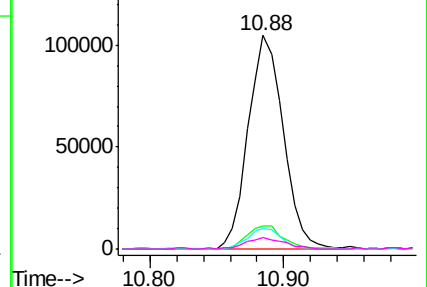


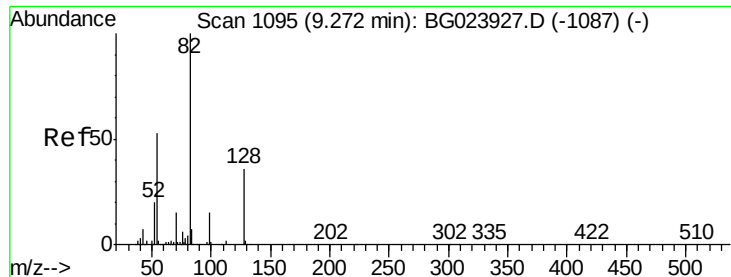
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

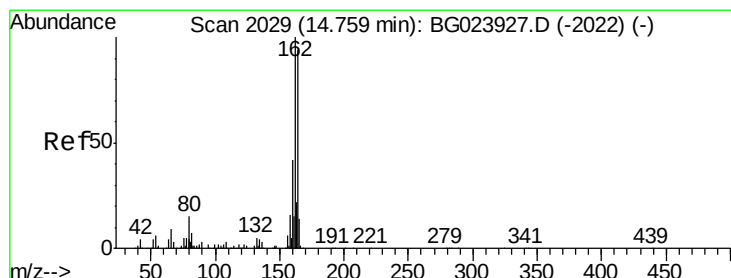
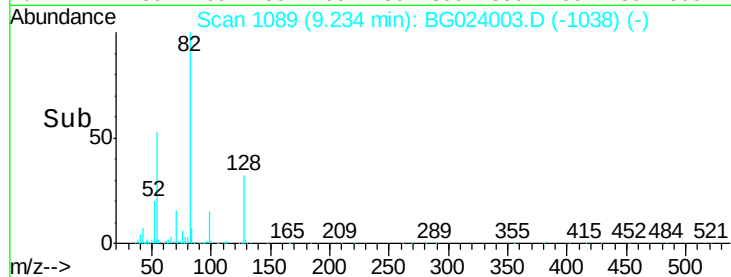
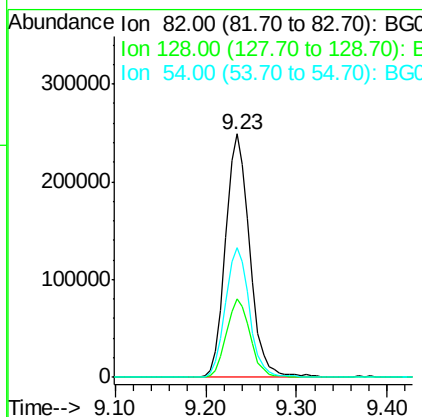
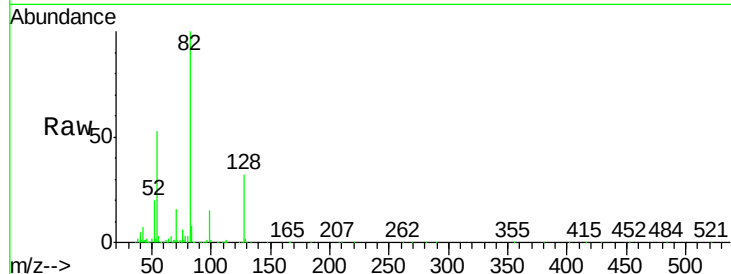




#23
 Nitrobenzene-d5
 Concen: 107.67 ng
 RT: 9.23 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BG024003.D
 Acq: 16 Sep 2016 21:15

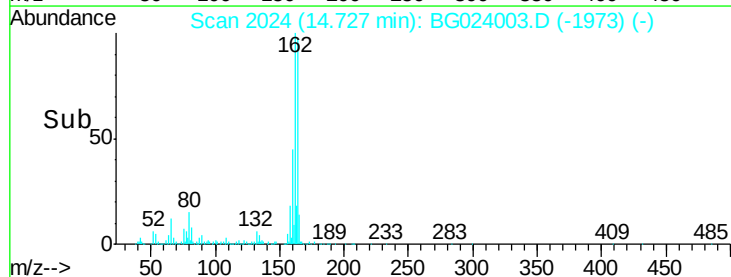
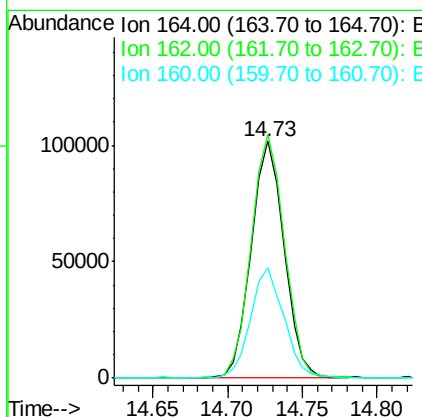
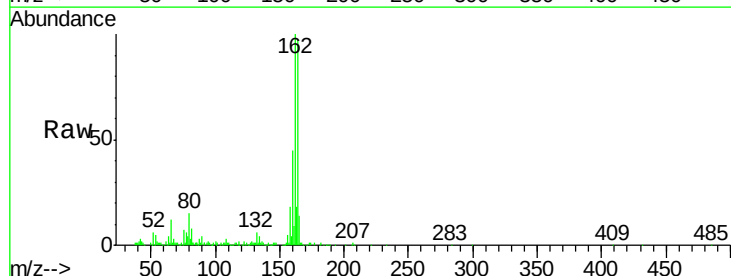
Instrument :
 BNA_G
 ClientSampleId :
 SB-2

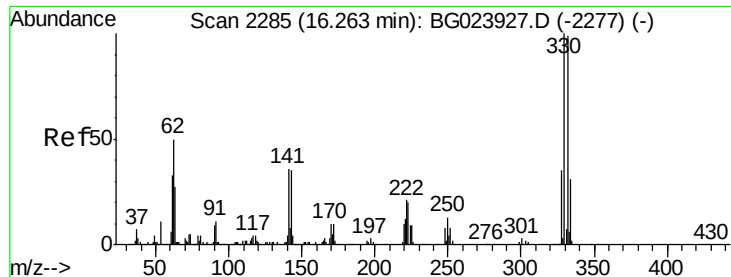
Tot Ion	82	Resp	458393
Ion Ratio	Lower	Upper	
82	100		
128	32.1	24.4	36.6
54	53.1	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG024003.D
 Acq: 16 Sep 2016 21:15

Tgt Ion	164	Resp	154954
Ion Ratio	Lower	Upper	
164	100		
162	102.7	87.7	131.5
160	46.7	37.2	55.8

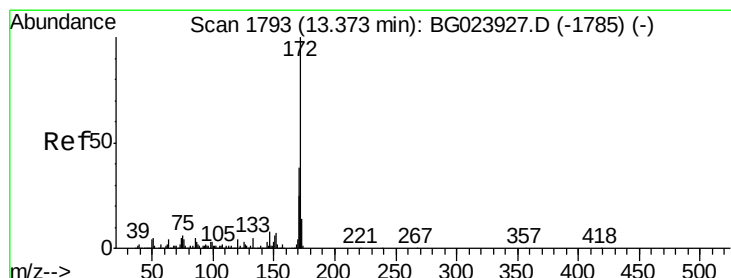
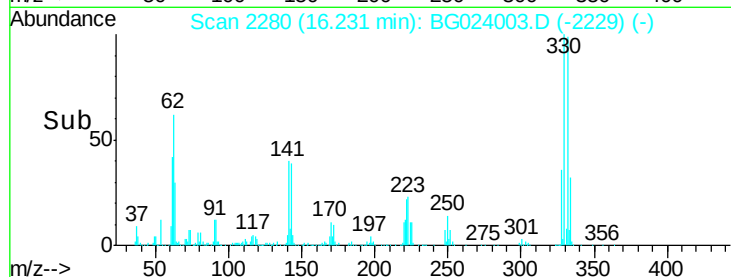
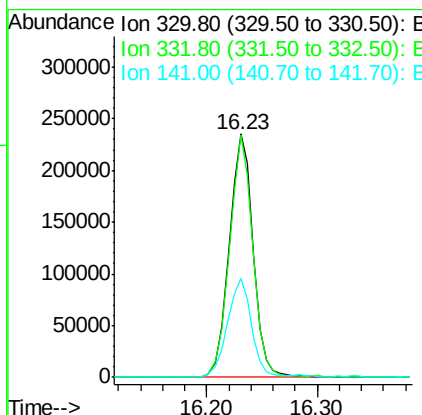
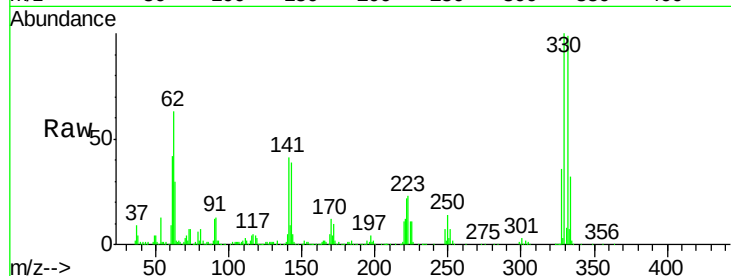




#41
 2,4,6-Tribromophenol
 Concen: 127.88 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG024003.D
 Acq: 16 Sep 2016 21:15

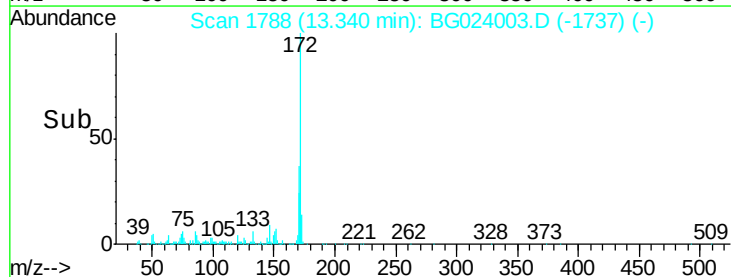
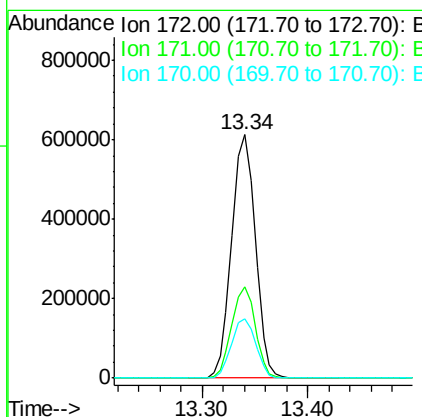
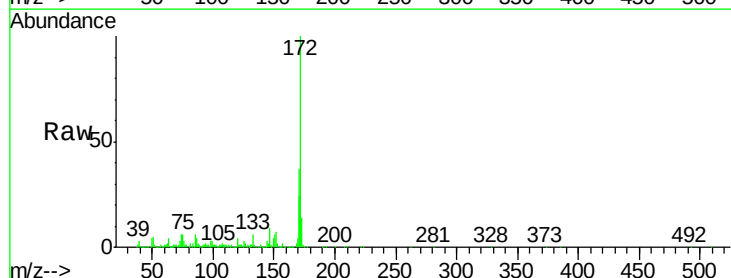
Instrument :
 BNA_G
 ClientSampleId :
 SB-2

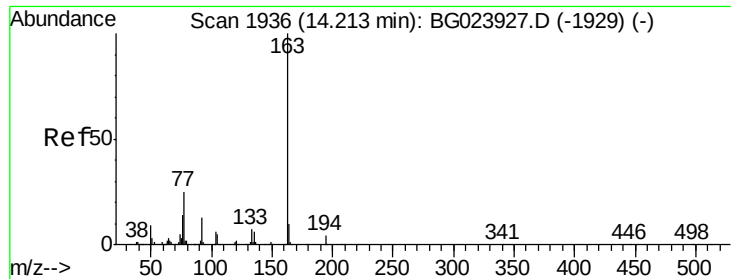
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	40.5	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 88.10 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG024003.D
 Acq: 16 Sep 2016 21:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.6	47.4
170	24.3	21.3	31.9





#49

Dimethylphthalate

Concen: 2.01 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BG024003.D

Acq: 16 Sep 2016 21:15

Instrument :

BNA_G

ClientSampled :

SB-2

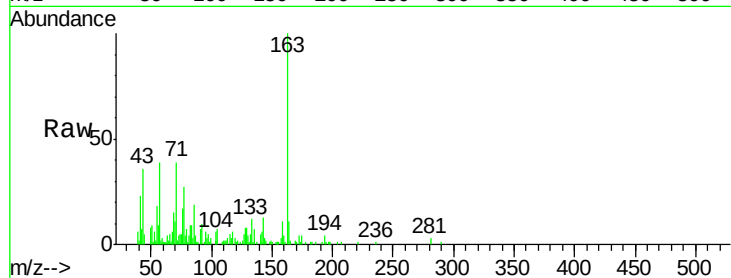
Tot Ion:163 Resp: 26750

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

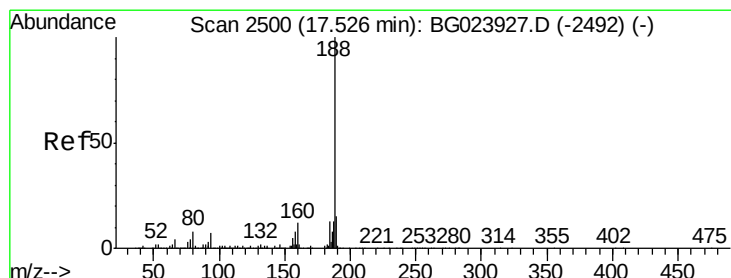
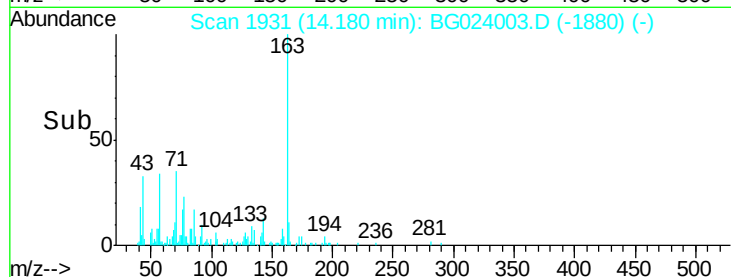
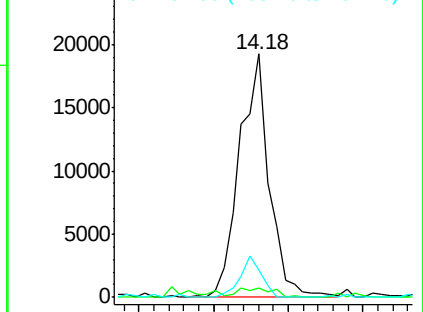
164 11.2 8.1 12.1



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# 2495

Delta R.T. -0.00 min

Lab File: BG024003.D

Acq: 16 Sep 2016 21:15

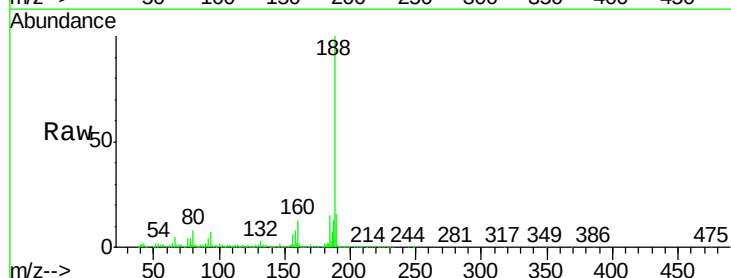
Tgt Ion:188 Resp: 359568

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

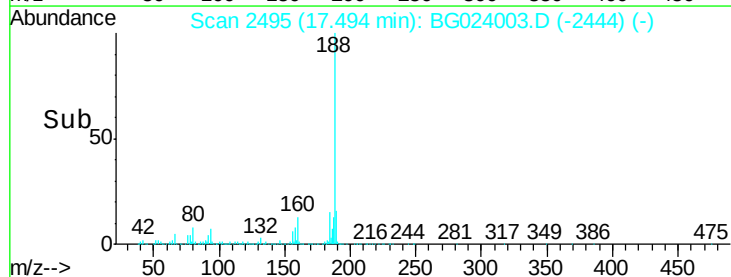
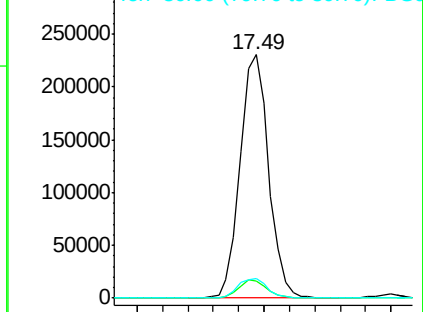
80 8.1 7.2 10.8

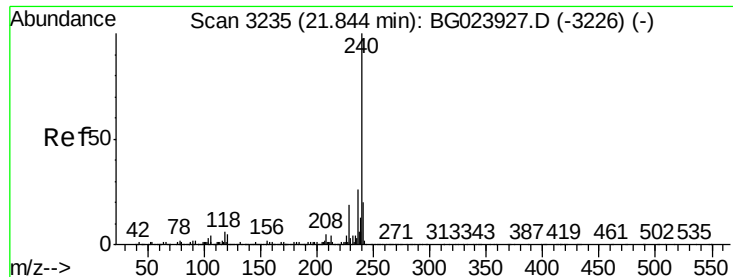


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG024003.D

Acq: 16 Sep 2016 21:15

Instrument :

BNA_G

ClientSampleId :

SB-2

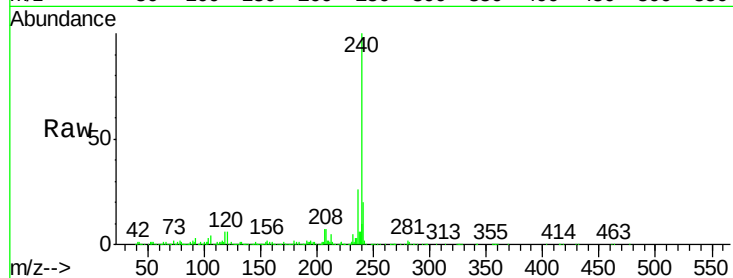
Tot Ion:240 Resp: 463402

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

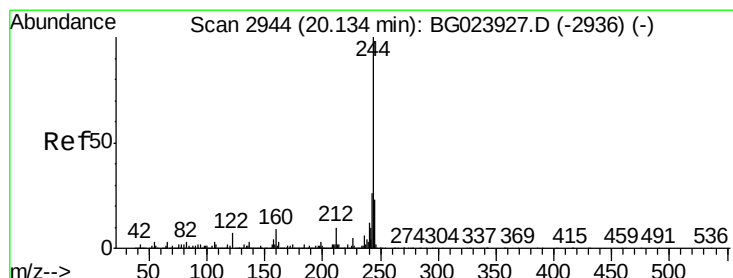
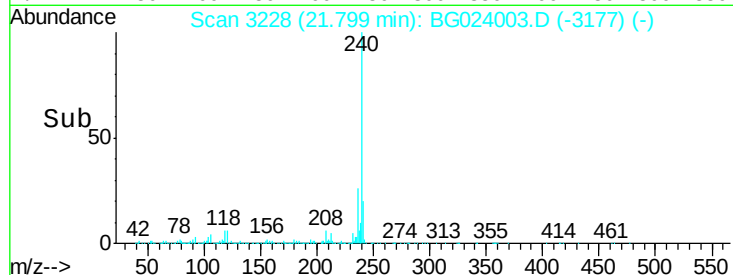
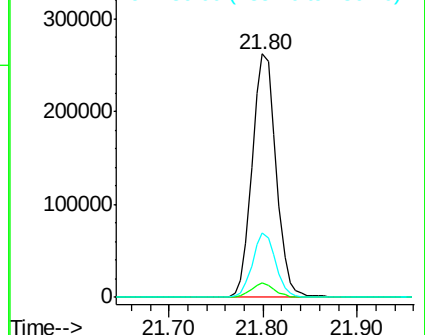
236 26.2 21.1 31.7



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: 87.94 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG024003.D

Acq: 16 Sep 2016 21:15

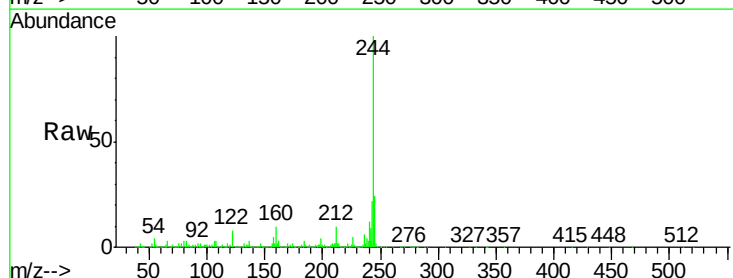
Tgt Ion:244 Resp: 1789336

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

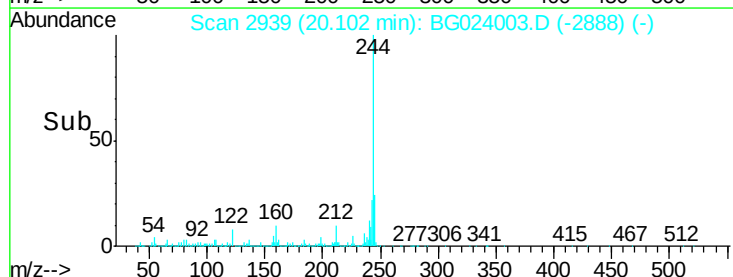
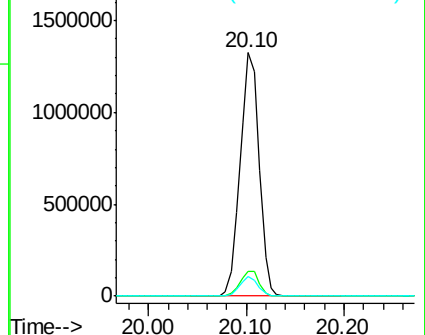
122 8.0 8.0 12.0

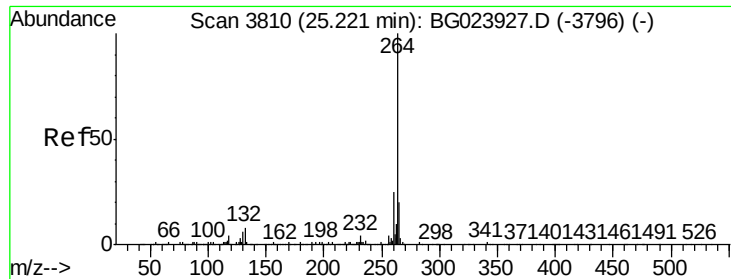


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.00 min
Lab File: BG024003.D
Acq: 16 Sep 2016 21:15

Instrument :
BNA_G
ClientSampleId :
SB-2

Tot Ion:	264	Resp:	469298
Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.4	27.6
265	21.1	18.9	28.3

