

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
 Data File : BG023938.D
 Acq On : 1 Sep 2016 18:33
 Operator : UM/SJ
 Sample : PB93192BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93192BL

Quant Time: Sep 02 01:17:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	24020	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	111528	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	83519	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	244408	20.00	ng	0.00
75) Chrysene-d12	21.84	240	273017	20.00	ng	0.00
86) Perylene-d12	25.21	264	259112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	196036	143.29	ng	0.00
7) Phenol-d6	7.26	99	287046	136.30	ng	0.00
23) Nitrobenzene-d5	9.26	82	210370	84.21	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	191481	127.25	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	507633	87.14	ng	0.00
78) Terphenyl-d14	20.13	244	1090791	90.99	ng	0.00

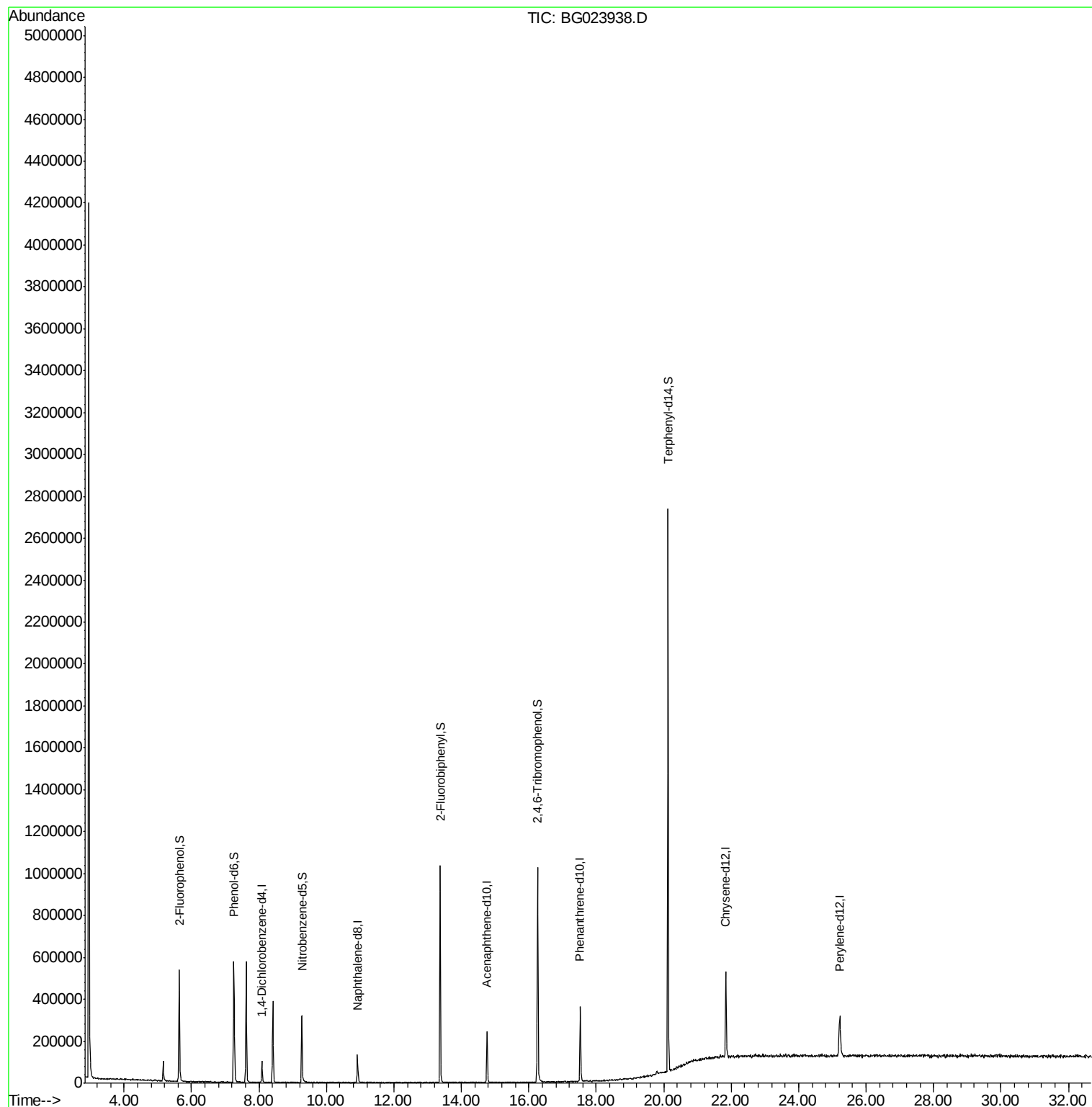
Target Compounds	Qvalue
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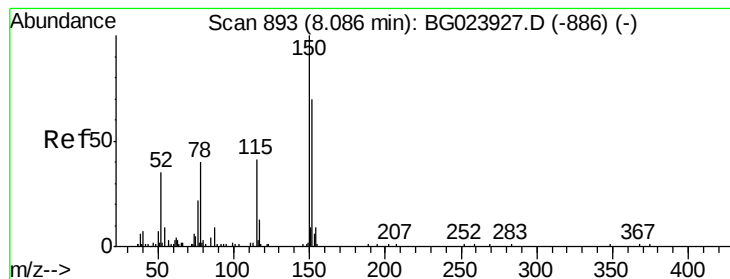
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG023938.D

Acq: 1 Sep 2016 18:33

Instrument :

BNA_G

ClientSampleId :

PB93192BL

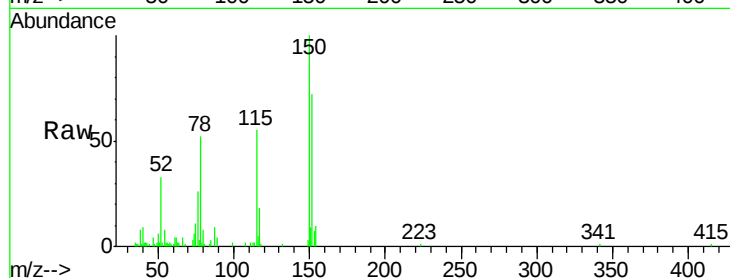
Tgt Ion:152 Resp: 24020

Ion Ratio Lower Upper

152 100

150 138.5 144.7 217.1#

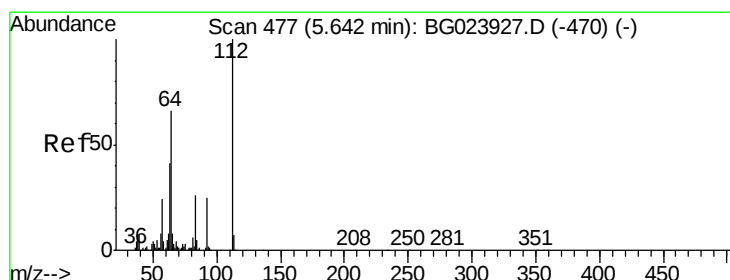
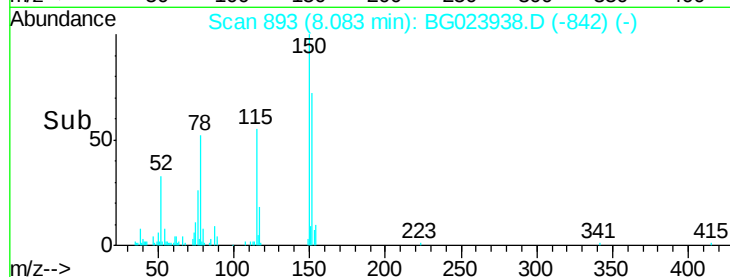
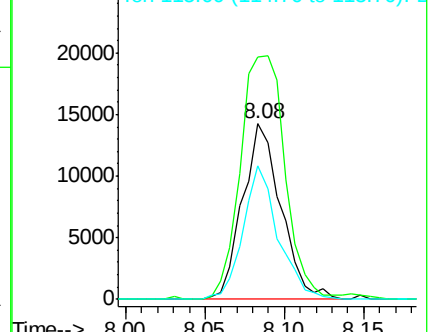
115 76.2 64.0 96.0



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: 143.29 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.01 min

Lab File: BG023938.D

Acq: 1 Sep 2016 18:33

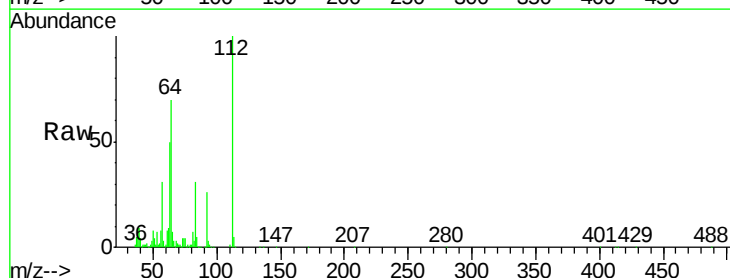
Tgt Ion:112 Resp: 196036

Ion Ratio Lower Upper

112 100

64 69.5 59.0 88.4

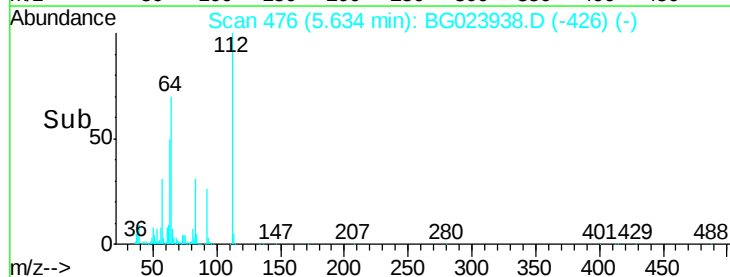
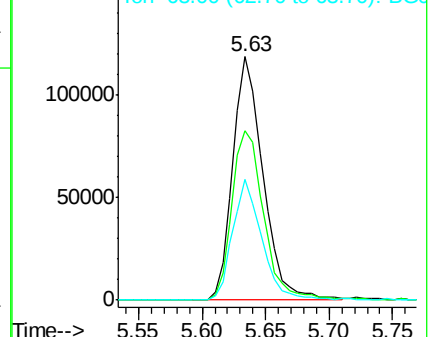
63 49.8 37.8 56.8

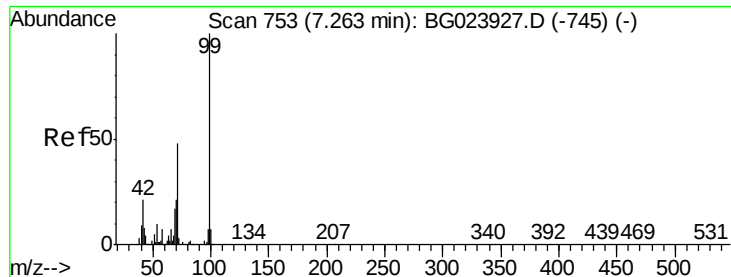


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.30 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG023938.D

Acq: 1 Sep 2016 18:33

Instrument :

BNA_G

ClientSampleId :

PB93192BL

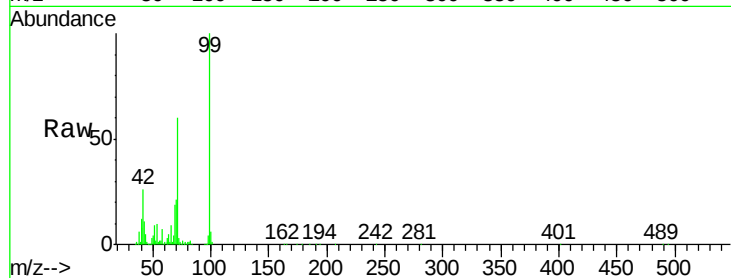
Tgt Ion: 99 Resp: 287046

Ion Ratio Lower Upper

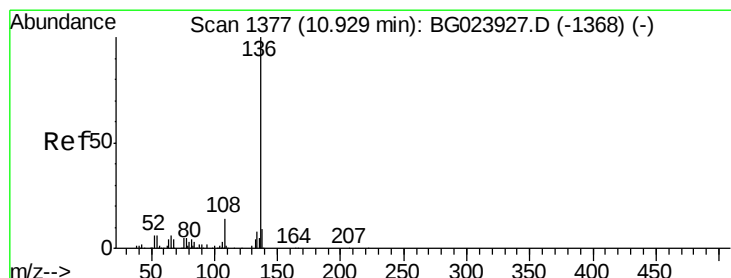
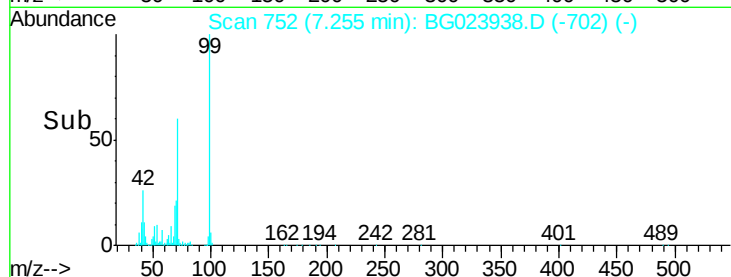
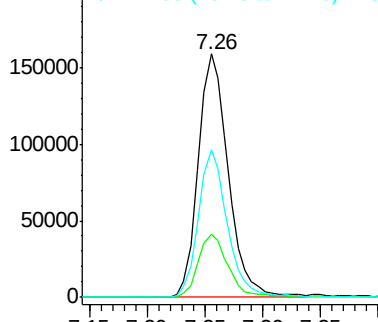
99 100

42 25.8 17.8 26.6

71 60.5 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: 10.92 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG023938.D

Acq: 1 Sep 2016 18:33

Tgt Ion: 136 Resp: 111528

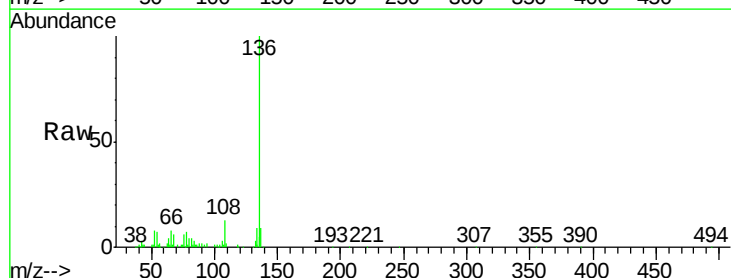
Ion Ratio Lower Upper

136 100

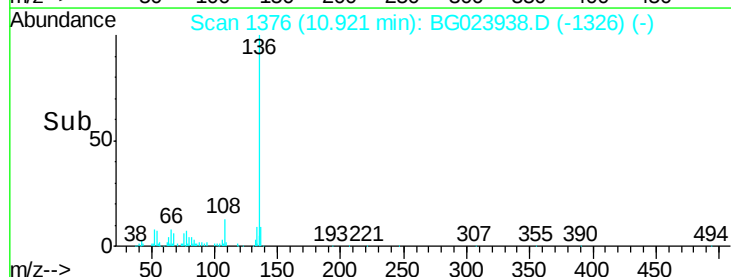
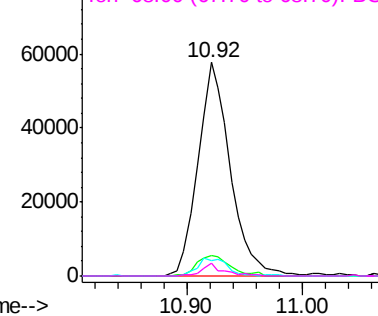
137 9.4 9.6 14.4#

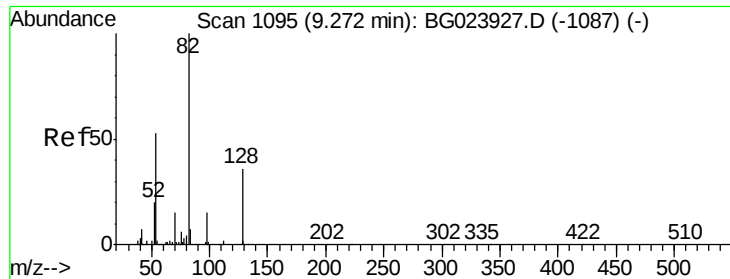
54 7.0 7.3 10.9#

68 5.7 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

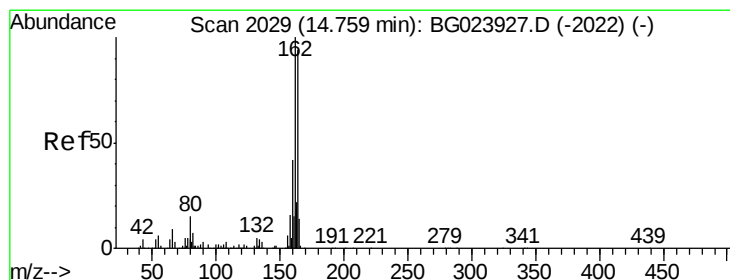
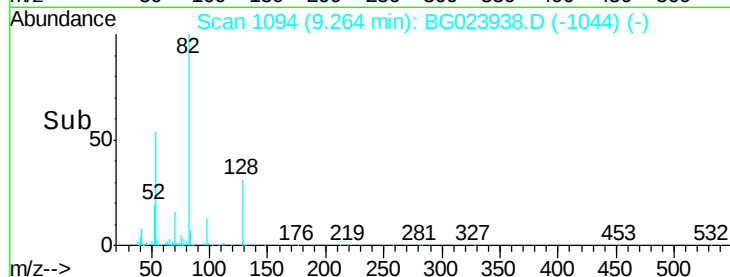
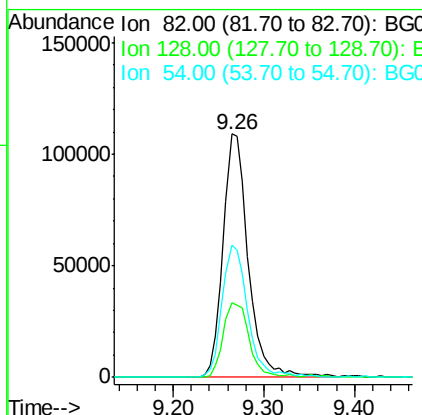
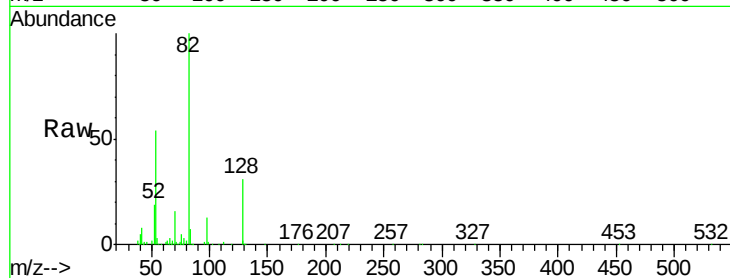




#23
 Nitrobenzene-d5
 Concen: 84.21 ng
 RT: 9.26 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BG023938.D
 Acq: 1 Sep 2016 18:33

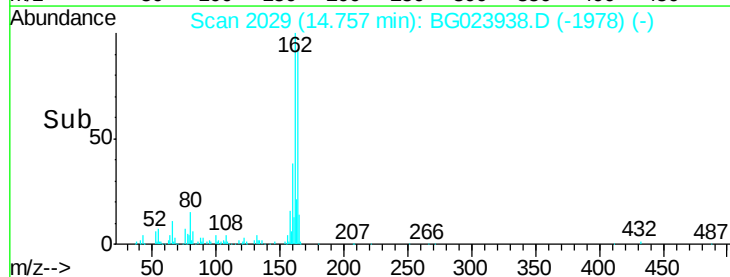
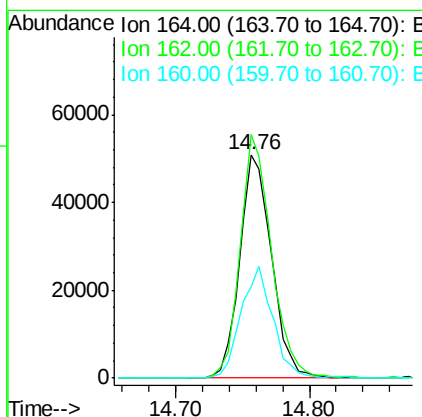
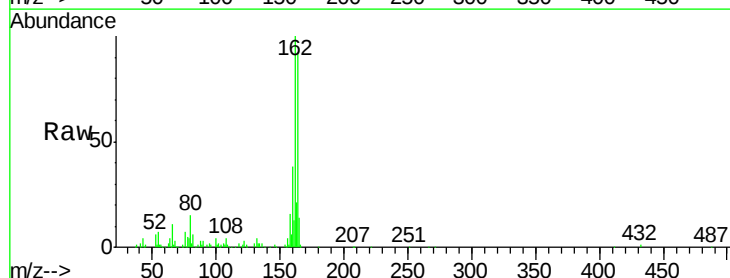
Instrument :
 BNA_G
 ClientSampleID :
 PB93192BL

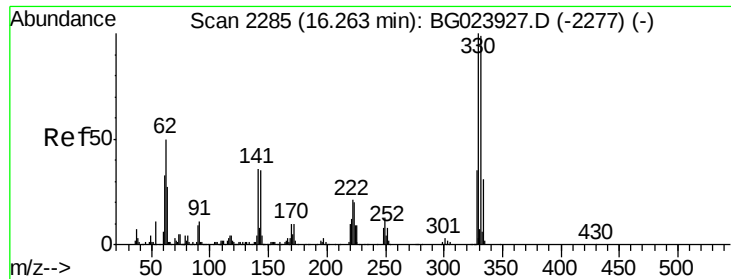
Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.5	24.4	36.6
54	54.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG023938.D
 Acq: 1 Sep 2016 18:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.1	87.7	131.5
160	41.1	37.2	55.8

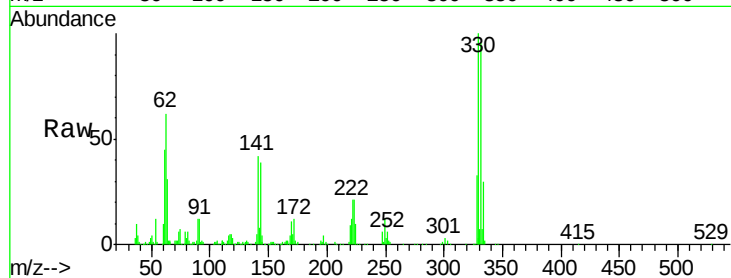




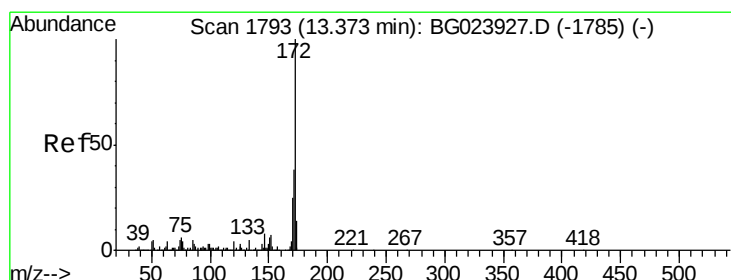
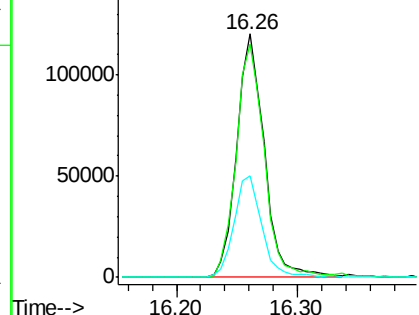
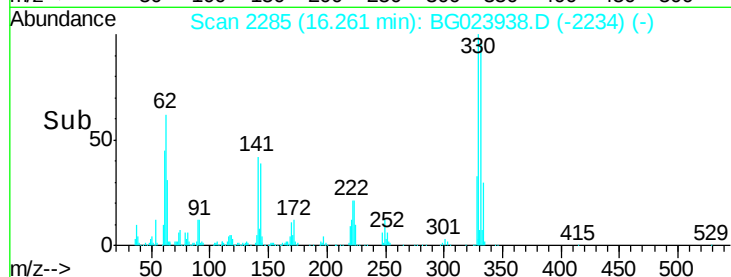
#41
 2,4,6-Tribromophenol
 Concen: 127.25 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG023938.D
 Acq: 1 Sep 2016 18:33

Instrument :
 BNA_G
 ClientSampleId :
 PB93192BL

Tgt Ion:330 Resp: 191481
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.4 116.2
 141 41.8 31.7 47.5

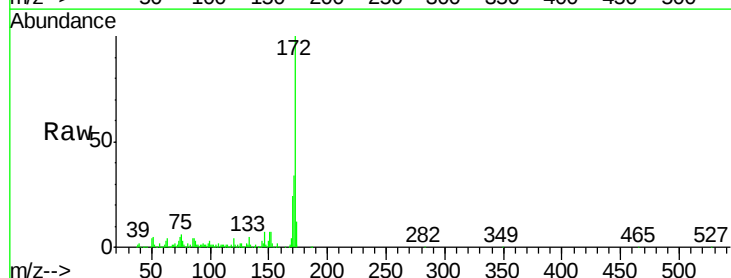


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

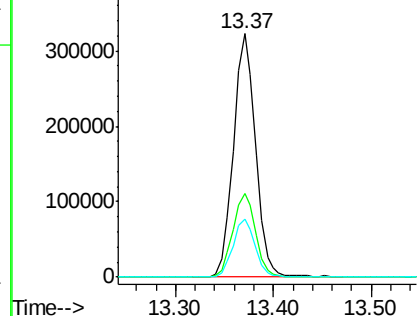
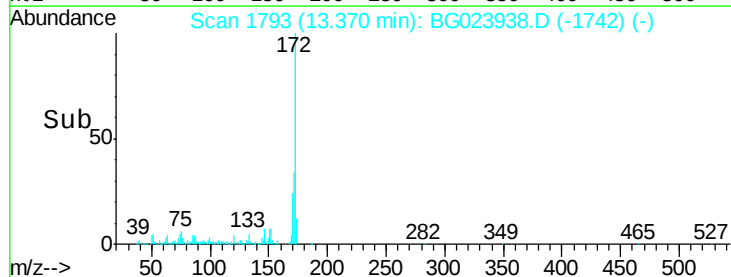


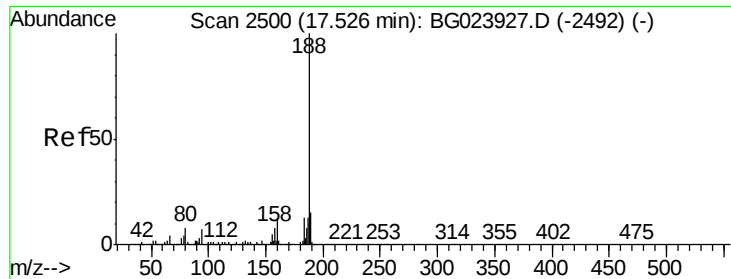
#44
 2-Fluorobiphenyl
 Concen: 87.14 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG023938.D
 Acq: 1 Sep 2016 18:33

Tgt Ion:172 Resp: 507633
 Ion Ratio Lower Upper
 172 100
 171 34.3 31.6 47.4
 170 23.8 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

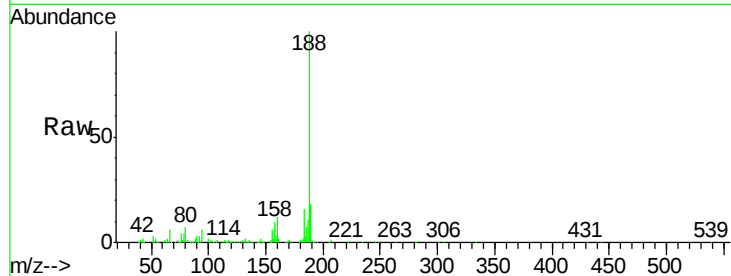




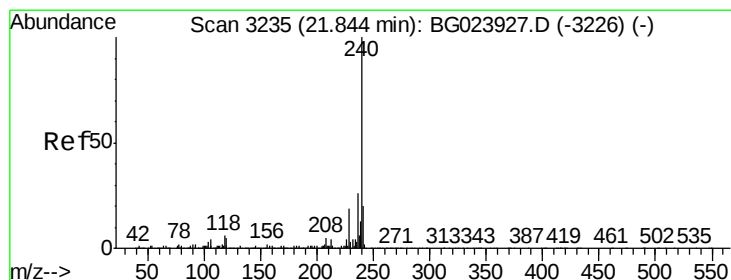
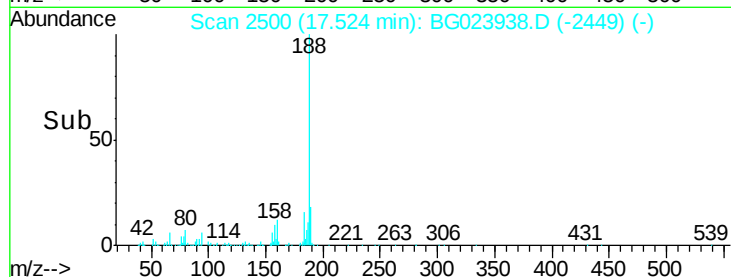
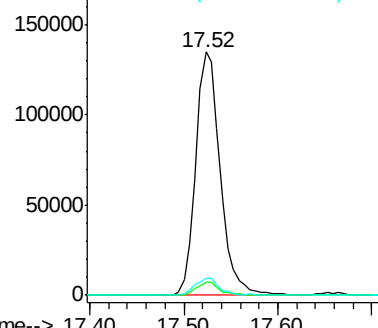
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BG023938.D
Acq: 1 Sep 2016 18:33

Instrument :
BNA_G
ClientSampleId :
PB93192BL

Tgt Ion:188 Resp: 244408
Ion Ratio Lower Upper
188 100
94 5.5 5.2 7.8
80 7.0 7.2 10.8#

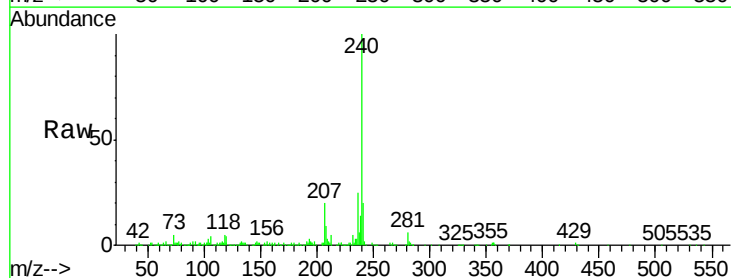


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

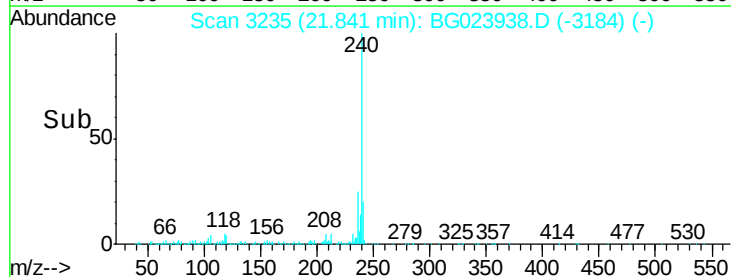
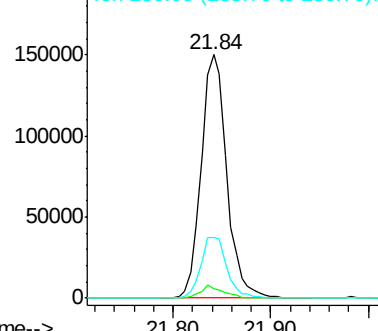


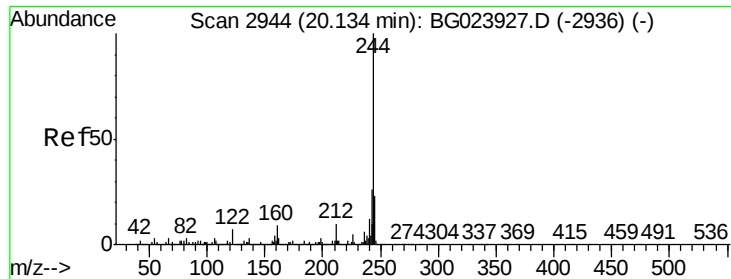
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG023938.D
Acq: 1 Sep 2016 18:33

Tgt Ion:240 Resp: 273017
Ion Ratio Lower Upper
240 100
120 4.1 4.1 6.1#
236 24.6 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: 90.99 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.00 min

Lab File: BG023938.D

Acq: 1 Sep 2016 18:33

Instrument :

BNA_G

ClientSampled :

PB93192BL

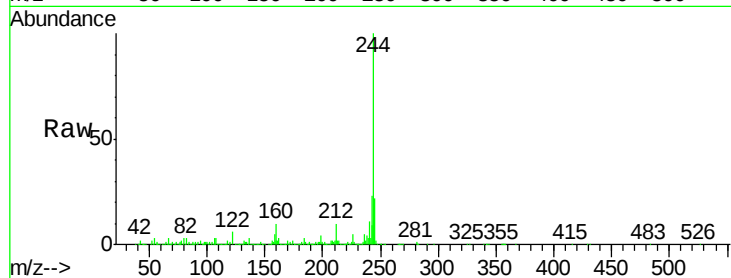
Tgt Ion:244 Resp: 1090791

Ion Ratio Lower Upper

244 100

212 9.6 10.8 16.2#

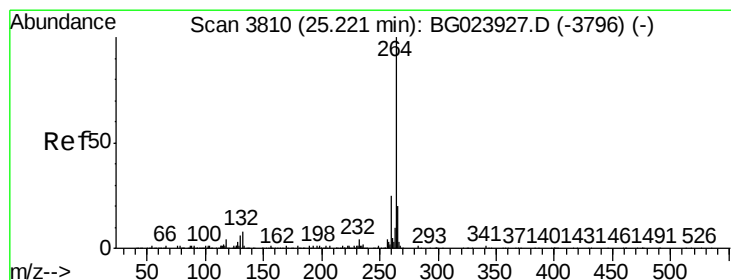
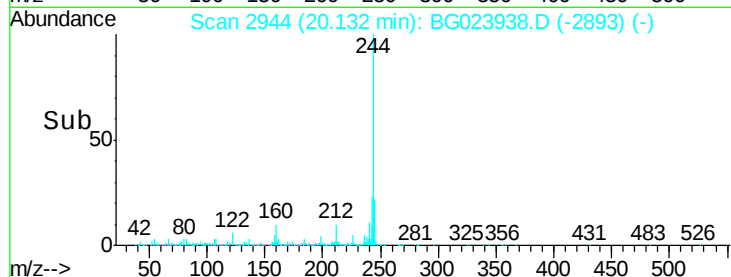
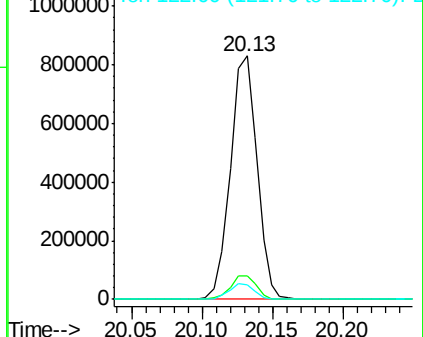
122 6.2 8.0 12.0#



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: 25.21 min Scan# 3809

Delta R.T. -0.01 min

Lab File: BG023938.D

Acq: 1 Sep 2016 18:33

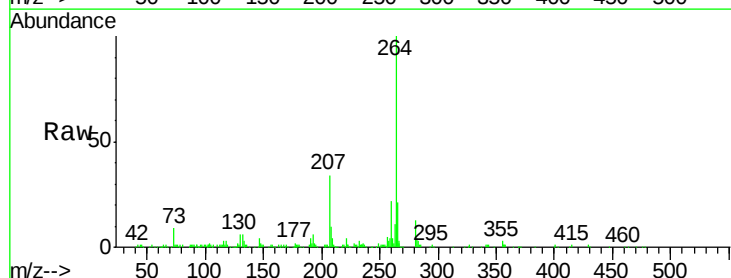
Tgt Ion:264 Resp: 259112

Ion Ratio Lower Upper

264 100

260 21.5 18.4 27.6

265 21.3 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

