

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072816\
 Data File : BG023311.D
 Acq On : 28 Jul 2016 17:46
 Operator : UM/SJ
 Sample : H4205-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-39-7.0-13.0

Quant Time: Jul 29 01:24:25 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	163859	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	750930	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	509872	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1206675	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1225323	20.00	ng	0.00
86) Perylene-d12	25.30	264	1233731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	808236	84.21	ng	0.00
7) Phenol-d6	7.28	99	998200	67.74	ng	0.00
23) Nitrobenzene-d5	9.31	82	1271194	82.78	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	858840	162.74	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2612893	95.91	ng	0.00
78) Terphenyl-d14	20.18	244	3220240	85.43	ng	0.00

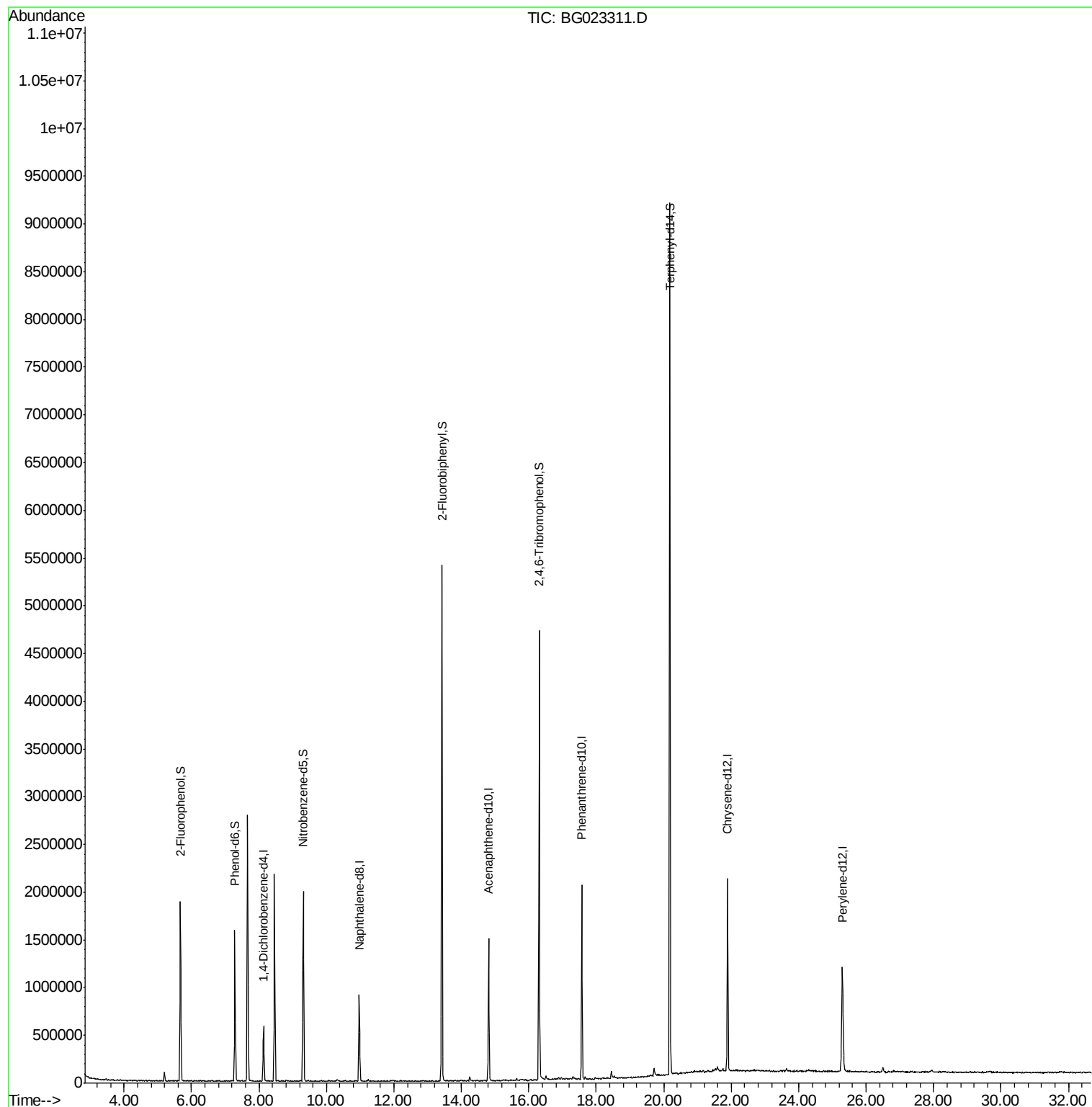
Target Compounds Qvalue

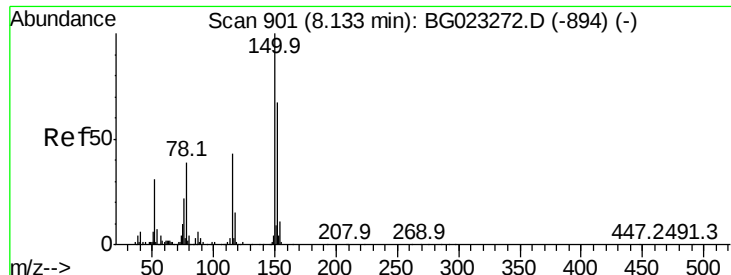
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023311.D

Acq: 28 Jul 2016 17:46

Instrument :

BNA_G

ClientSampleId :

GW-39-7.0-13.0

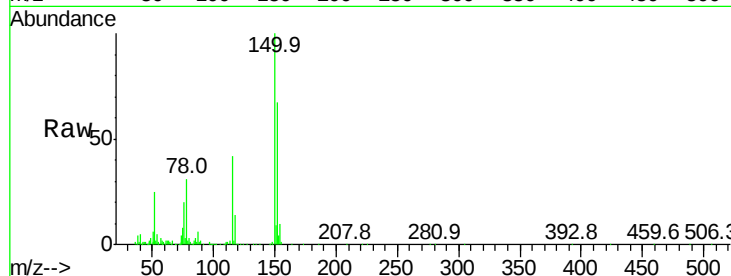
Tot Ion:152 Resp: 163859

Ion Ratio Lower Upper

152 100

150 148.9 144.7 217.1

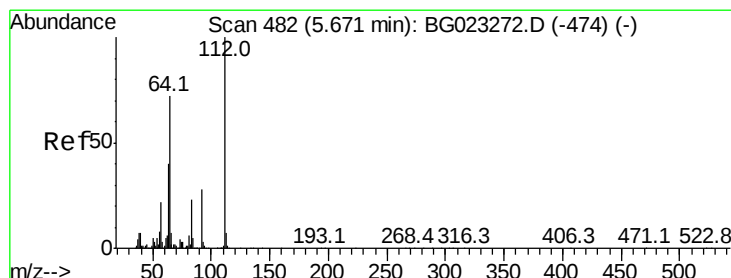
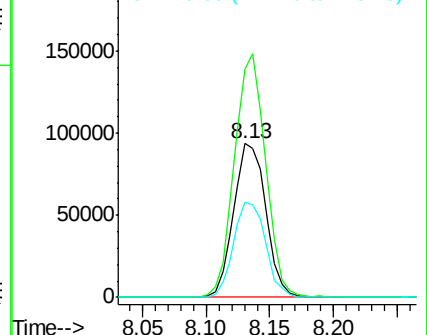
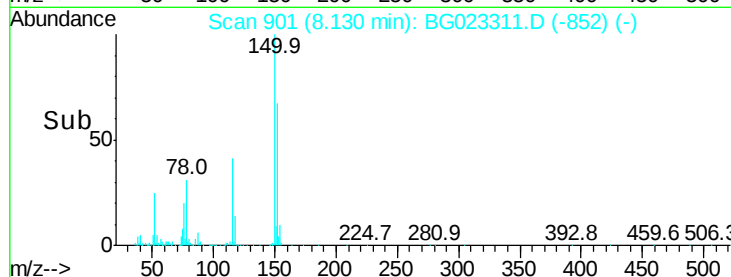
115 61.9 64.0 96.0#



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: 84.21 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023311.D

Acq: 28 Jul 2016 17:46

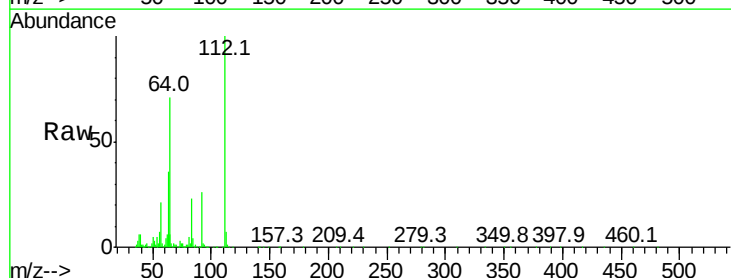
Tgt Ion:112 Resp: 808236

Ion Ratio Lower Upper

112 100

64 70.7 59.0 88.4

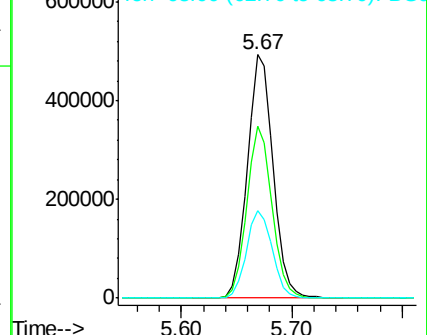
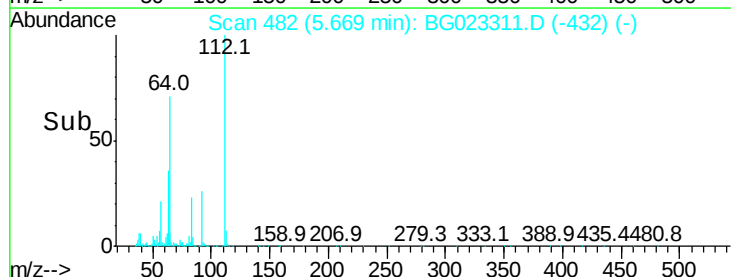
63 35.8 37.8 56.8#

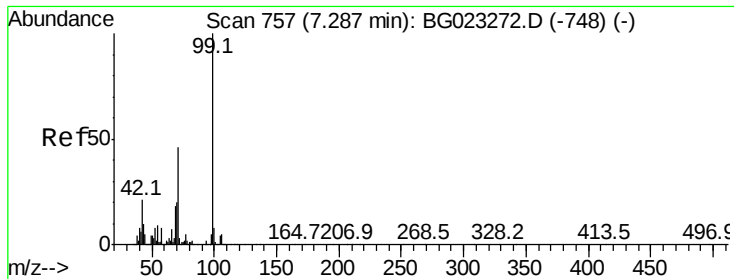


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 67.74 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023311.D

Acq: 28 Jul 2016 17:46

Instrument :

BNA_G

ClientSampleId :

GW-39-7.0-13.0

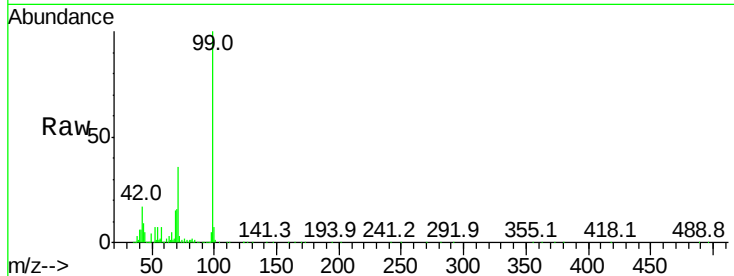
Tot Ion: 99 Resp: 998200

Ion Ratio Lower Upper

99 100

42 17.0 17.8 26.6#

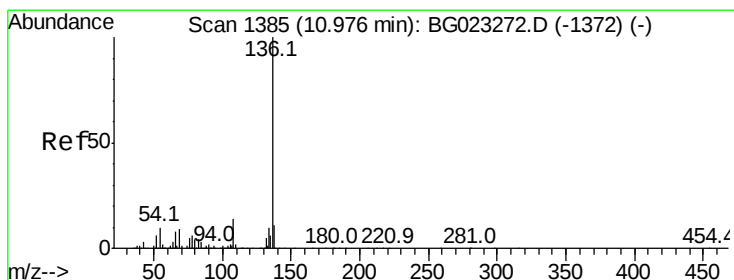
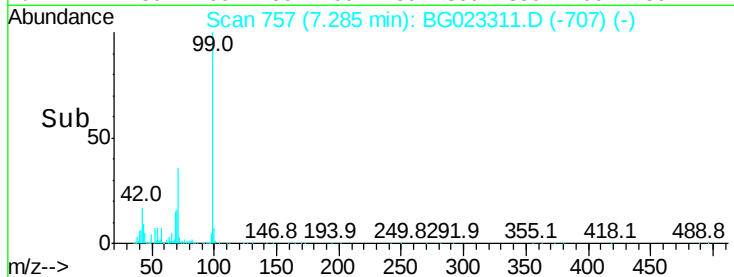
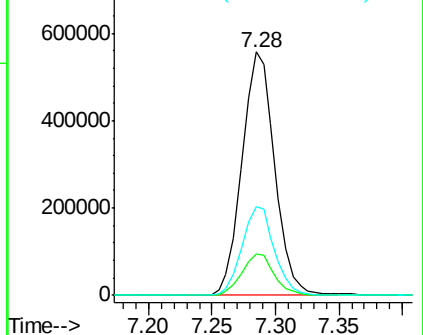
71 36.3 41.5 62.3#



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: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023311.D

Acq: 28 Jul 2016 17:46

Tgt Ion: 136 Resp: 750930

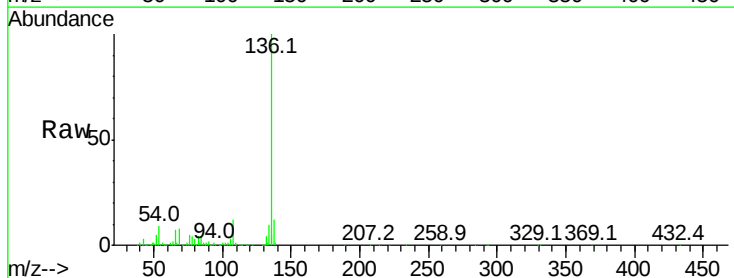
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 9.0 7.3 10.9

68 7.8 5.3 7.9

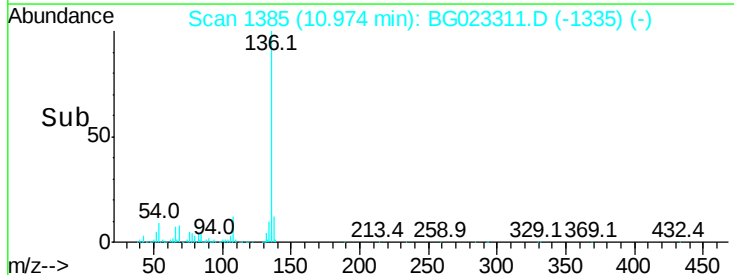
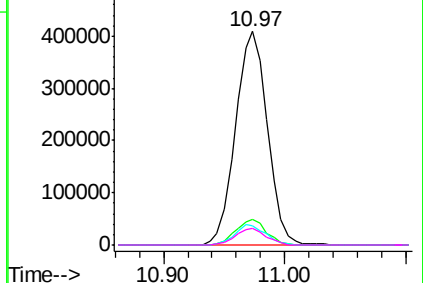


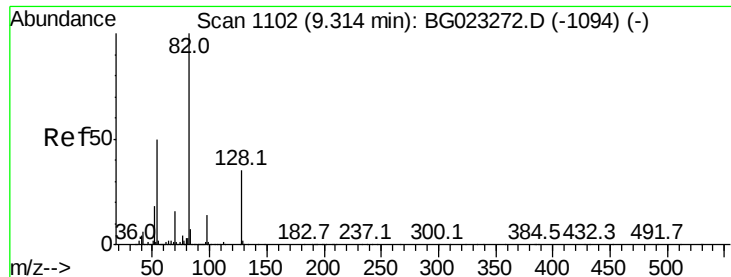
Abundance Ion 136.00 (135.70 to 136.70): BGC

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



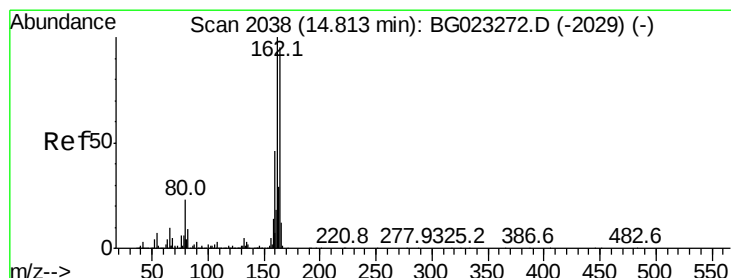
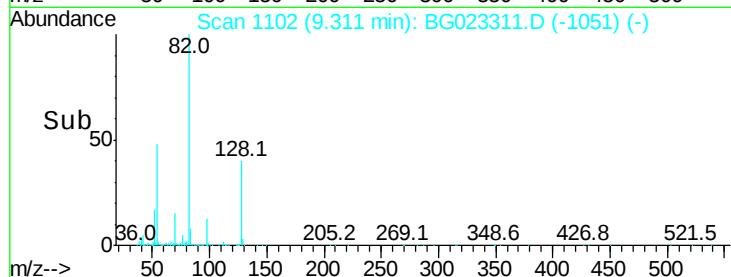
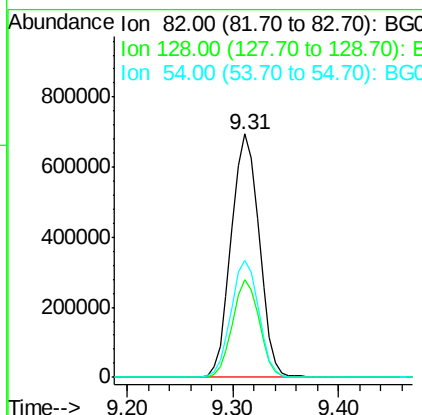
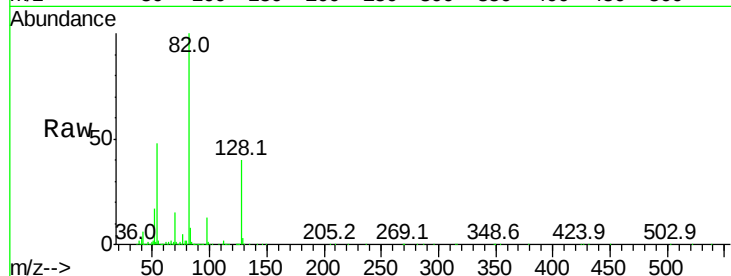


#23
 Nitrobenzene-d5
 Concen: 82.78 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023311.D
 Acq: 28 Jul 2016 17:46

Instrument :
 BNA_G
 ClientSampleId :
 GW-39-7.0-13.0

Tot Ion: 82 Resp: 1271194

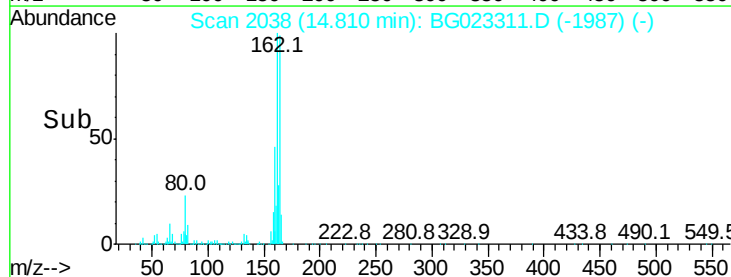
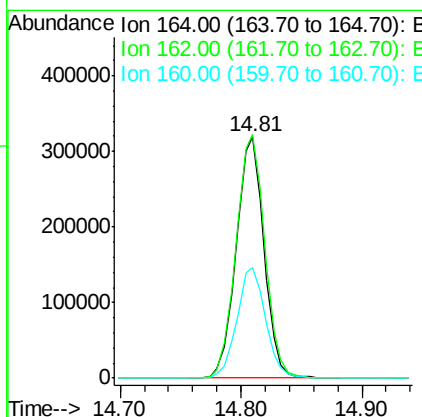
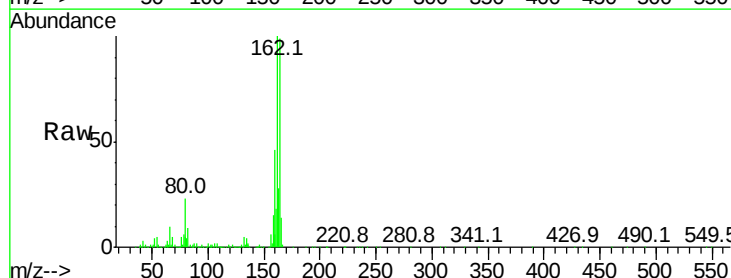
Ion	Ratio	Lower	Upper
82	100		
128	40.0	24.4	36.6#
54	48.0	41.4	62.0

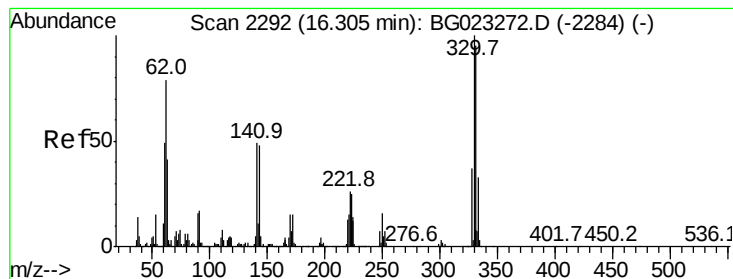


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BG023311.D
 Acq: 28 Jul 2016 17:46

Tgt Ion:164 Resp: 509872

Ion	Ratio	Lower	Upper
164	100		
162	100.8	87.7	131.5
160	46.0	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 162.74 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023311.D

Acq: 28 Jul 2016 17:46

Instrument :

BNA_G

ClientSampleId :

GW-39-7.0-13.0

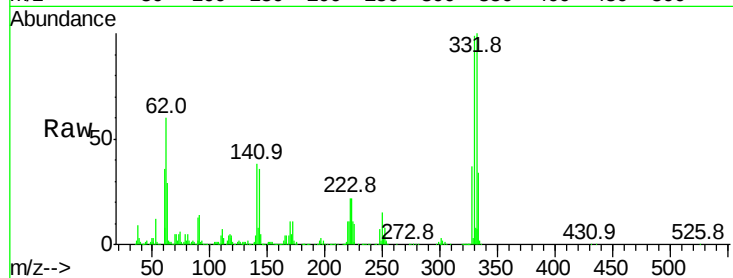
Tot Ion:330 Resp: 858840

Ion Ratio Lower Upper

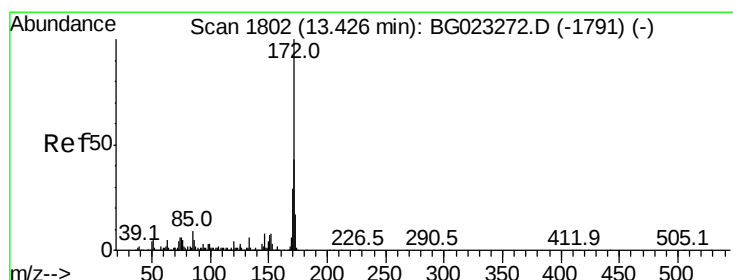
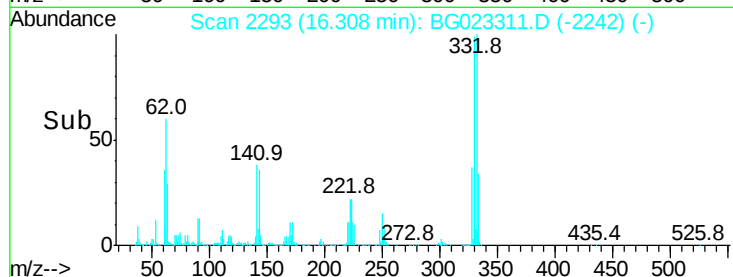
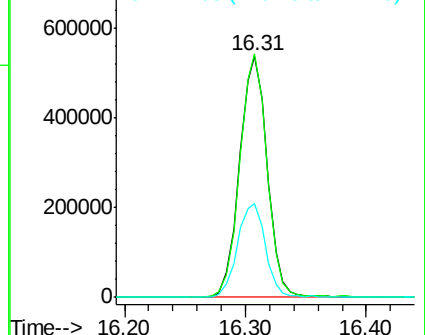
330 100

332 98.9 77.4 116.2

141 39.6 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: 95.91 ng

RT: 13.42 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BG023311.D

Acq: 28 Jul 2016 17:46

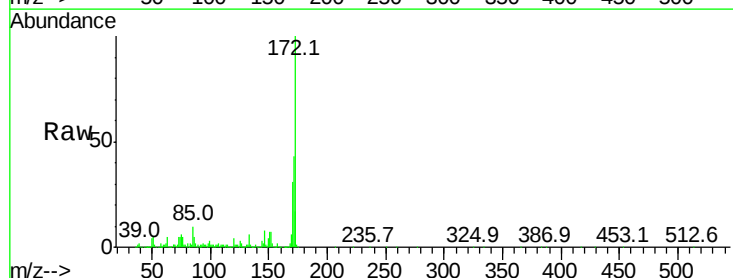
Tgt Ion:172 Resp: 2612893

Ion Ratio Lower Upper

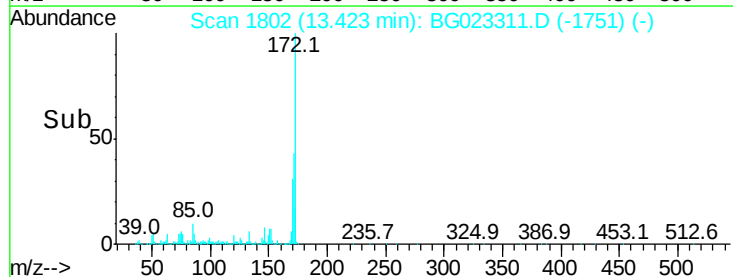
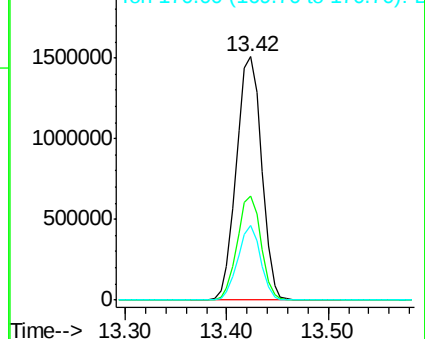
172 100

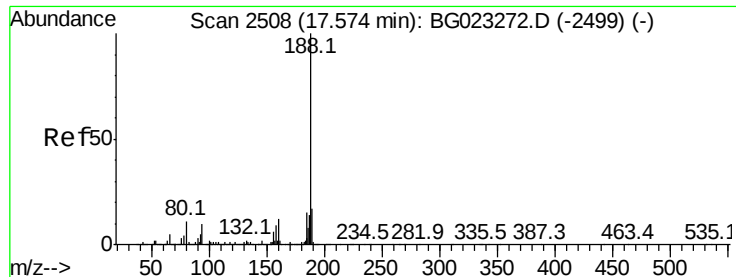
171 43.0 31.6 47.4

170 30.9 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: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023311.D

Acq: 28 Jul 2016 17:46

Instrument :

BNA_G

ClientSampleId :

GW-39-7.0-13.0

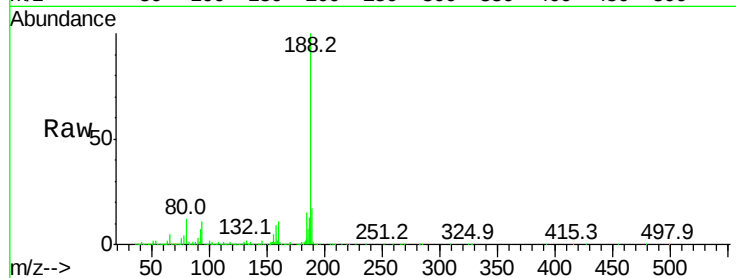
Tot Ion:188 Resp: 1206675

Ion Ratio Lower Upper

188 100

94 10.6 5.2 7.8#

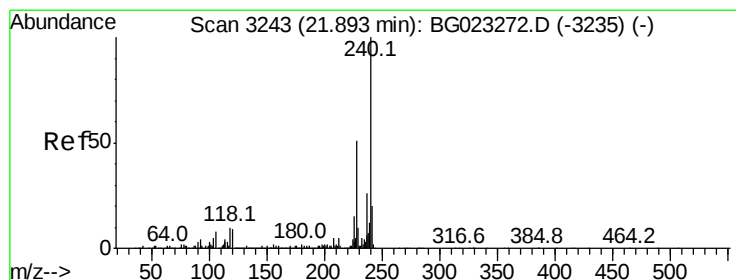
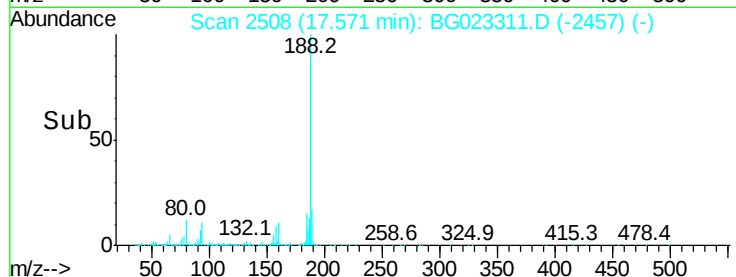
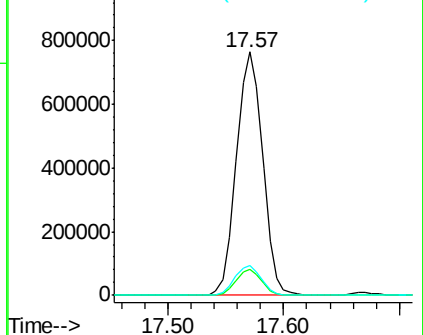
80 12.2 7.2 10.8#



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: 21.89 min Scan# 3243

Delta R.T. -0.00 min

Lab File: BG023311.D

Acq: 28 Jul 2016 17:46

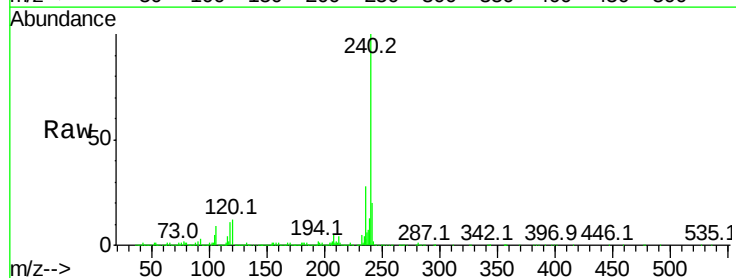
Tgt Ion:240 Resp: 1225323

Ion Ratio Lower Upper

240 100

120 11.6 4.1 6.1#

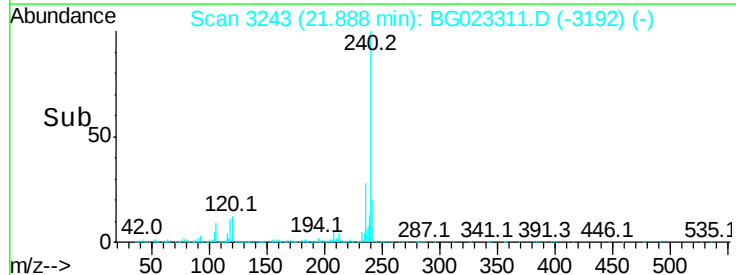
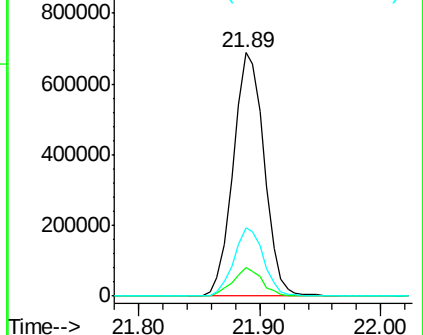
236 28.0 21.1 31.7

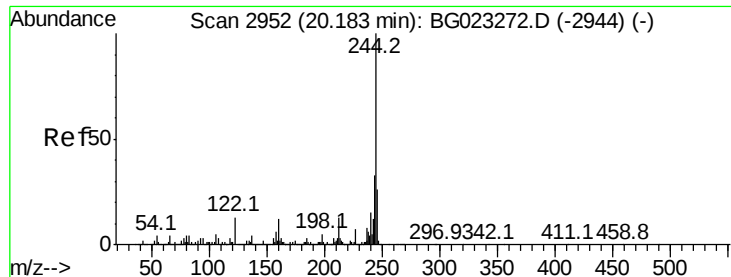


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.43 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023311.D

Acq: 28 Jul 2016 17:46

Instrument :

BNA_G

ClientSampleId :

GW-39-7.0-13.0

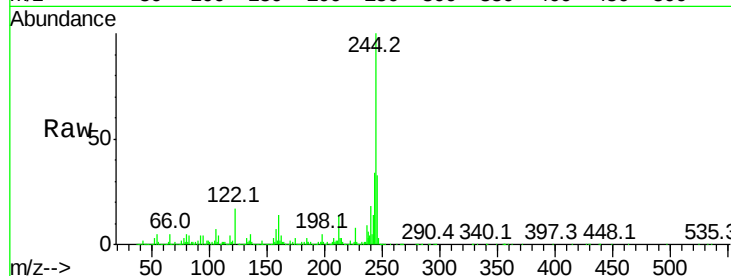
Tot Ion:244 Resp: 3220240

Ion Ratio Lower Upper

244 100

212 14.3 10.8 16.2

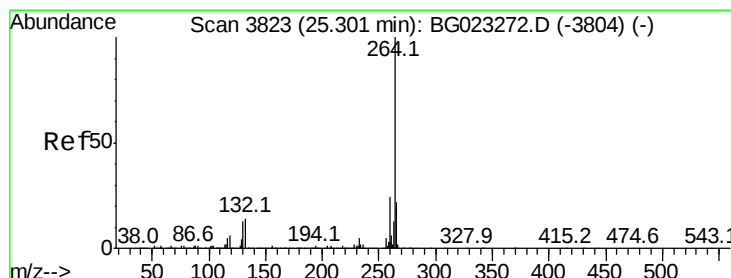
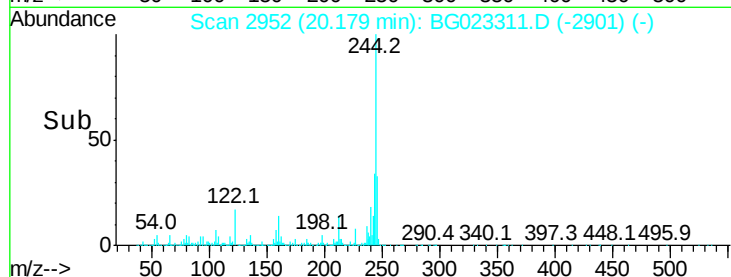
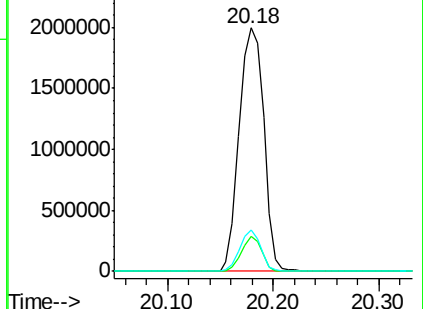
122 16.7 8.0 12.0#



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: 25.30 min Scan# 3823

Delta R.T. -0.01 min

Lab File: BG023311.D

Acq: 28 Jul 2016 17:46

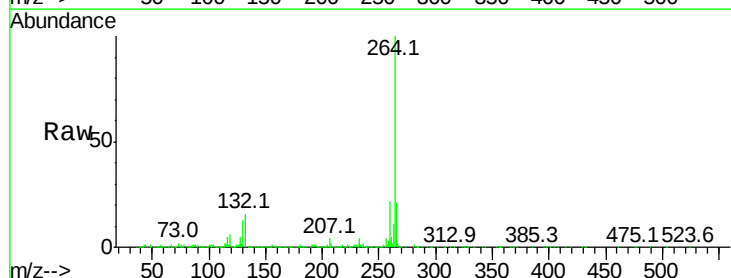
Tgt Ion:264 Resp: 1233731

Ion Ratio Lower Upper

264 100

260 21.5 18.4 27.6

265 21.0 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

