

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
 Data File : BG023325.D
 Acq On : 29 Jul 2016 4:25
 Operator : UM/SJ
 Sample : H4149-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-46E

Quant Time: Jul 29 07:50:51 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	8.14	152	158809	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	730882	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	522972	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1187748	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1220818	20.00	ng	0.00
86) Perylene-d12	25.29	264	1235316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	805612	86.60	ng	0.00
7) Phenol-d6	7.28	99	922010	64.56	ng	0.00
23) Nitrobenzene-d5	9.31	82	1243152	83.18	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	812457	150.10	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2570818	92.00	ng	0.00
78) Terphenyl-d14	20.18	244	2707361	72.09	ng	0.00

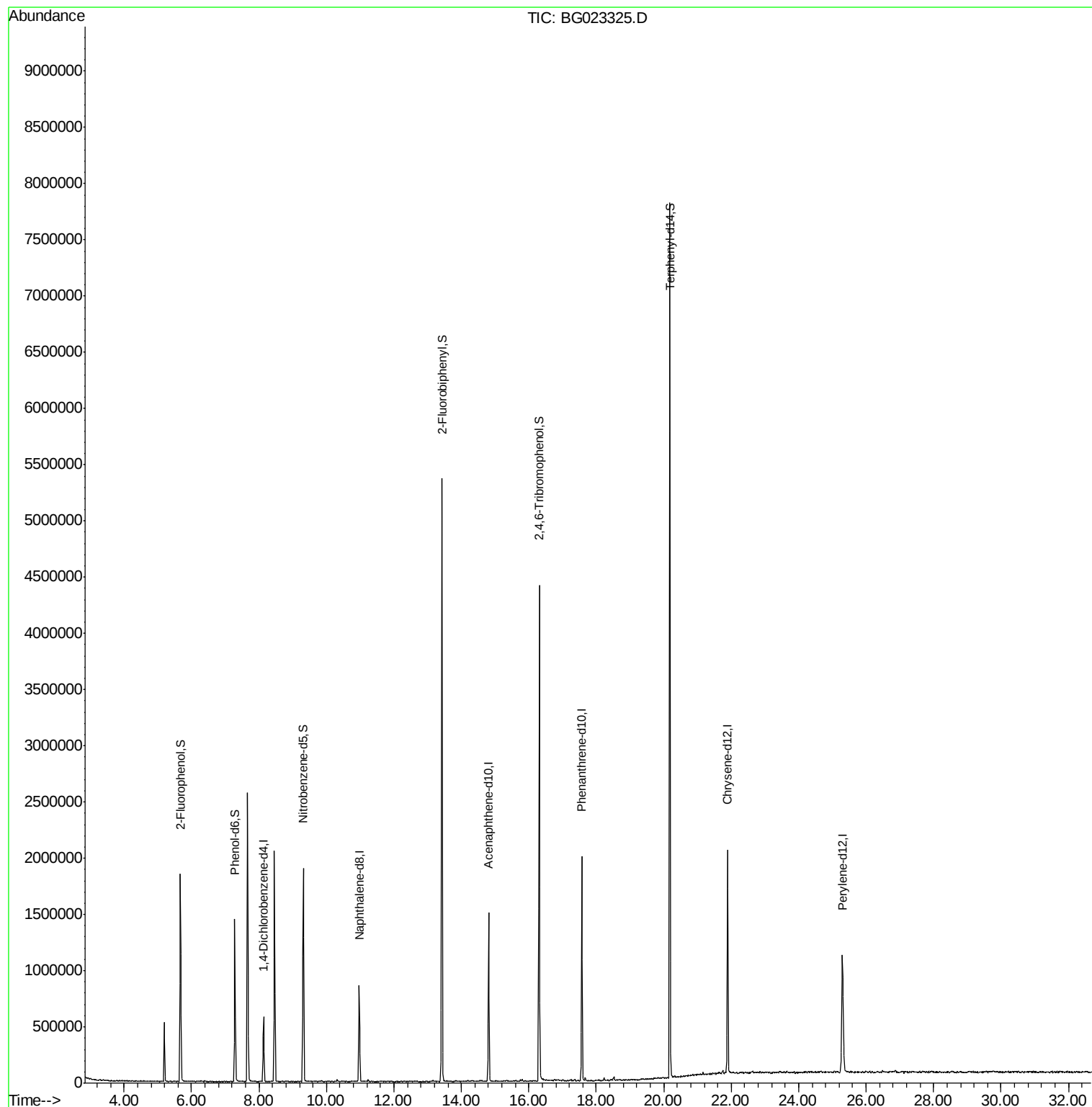
Target Compounds Qvalue

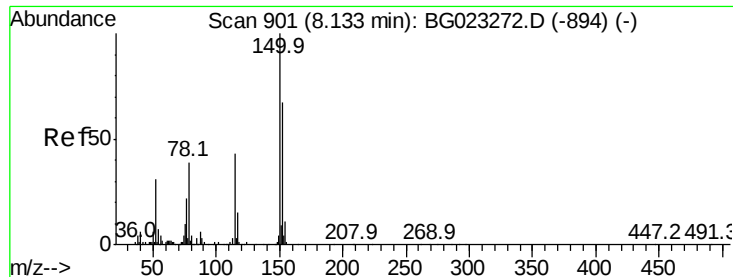
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023325.D

Acq: 29 Jul 2016 4:25

Instrument :

BNA_G

ClientSampleId :

LOCATION-46E

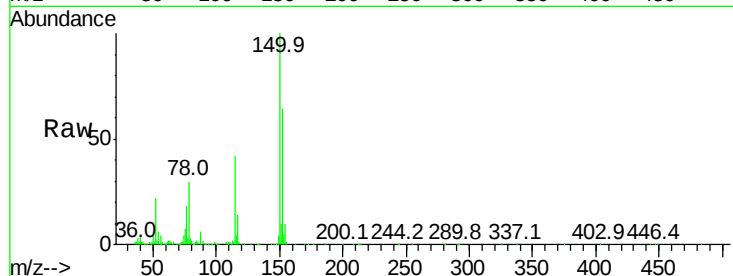
Tot Ion:152 Resp: 158809

Ion Ratio Lower Upper

152 100

150 156.5 144.7 217.1

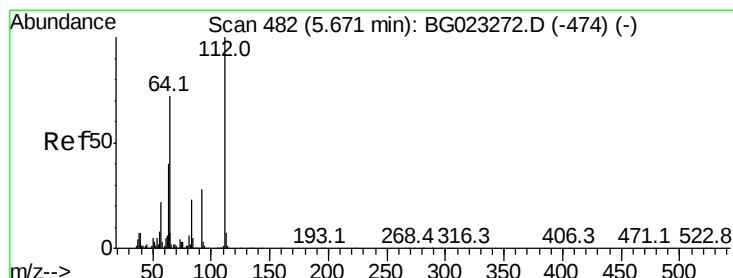
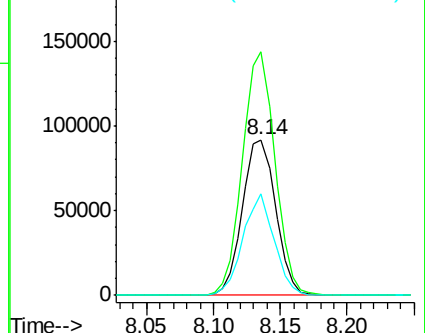
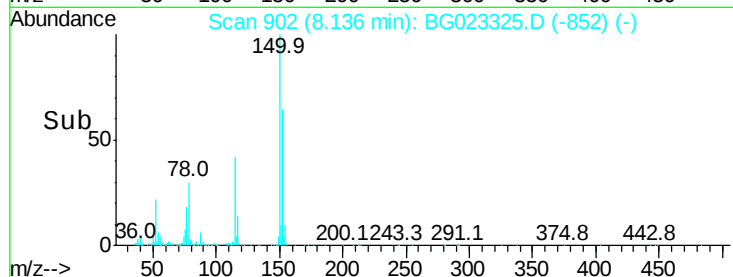
115 65.4 64.0 96.0



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: 86.60 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023325.D

Acq: 29 Jul 2016 4:25

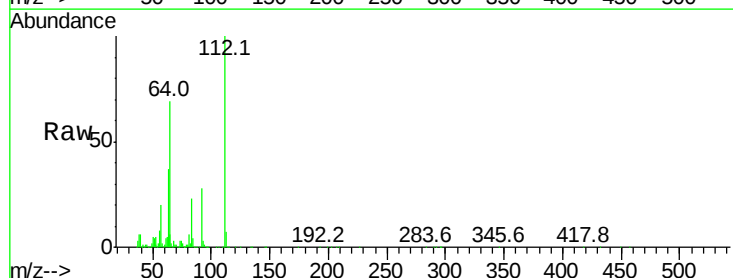
Tgt Ion:112 Resp: 805612

Ion Ratio Lower Upper

112 100

64 69.5 59.0 88.4

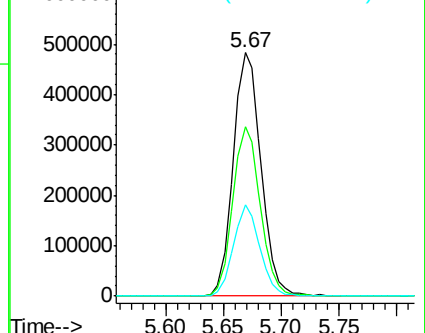
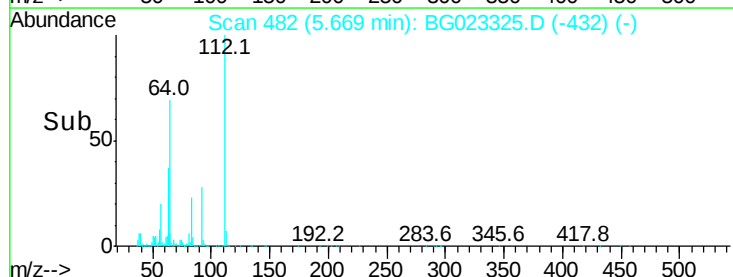
63 37.3 37.8 56.8#

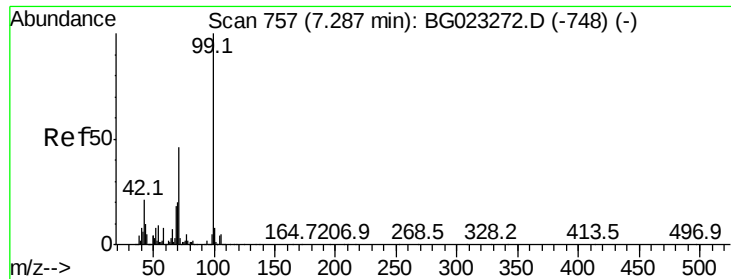


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 64.56 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023325.D

Acq: 29 Jul 2016 4:25

Instrument :

BNA_G

ClientSampleId :

LOCATION-46E

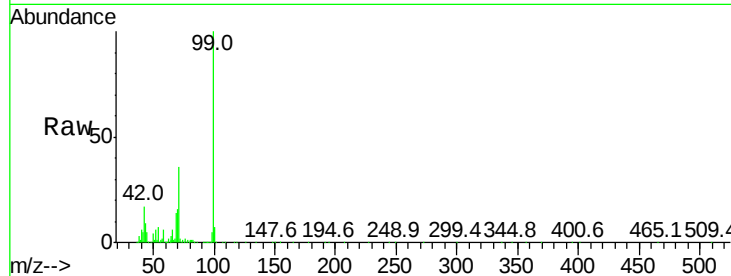
Tot Ion: 99 Resp: 922010

Ion Ratio Lower Upper

99 100

42 16.7 17.8 26.6#

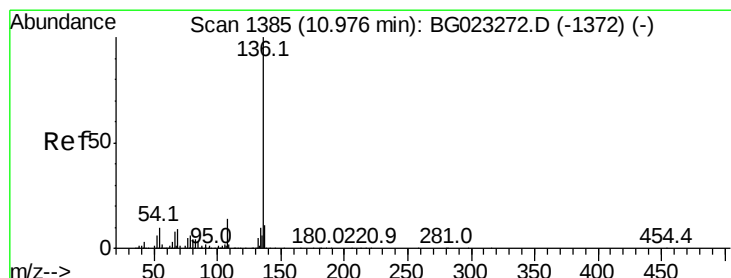
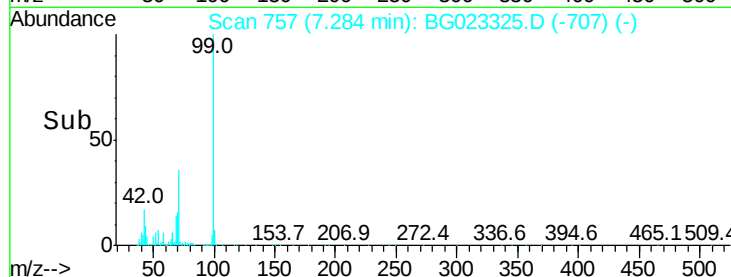
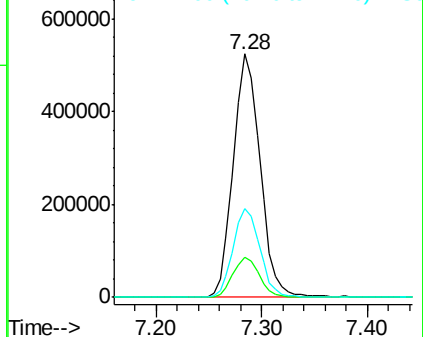
71 36.4 41.5 62.3#



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: BG023325.D

Acq: 29 Jul 2016 4:25

Tgt Ion: 136 Resp: 730882

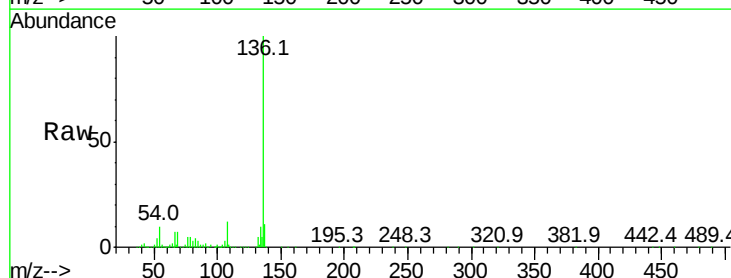
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 10.1 7.3 10.9

68 7.0 5.3 7.9

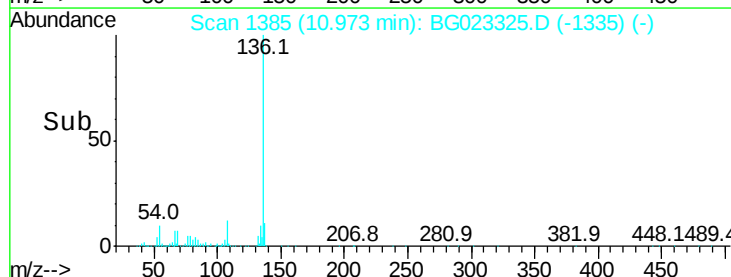
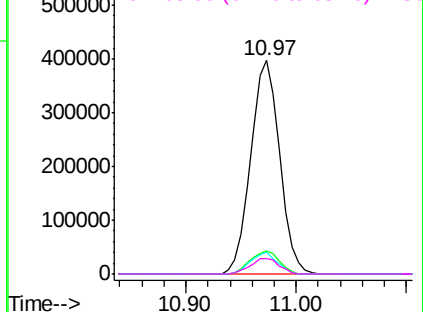


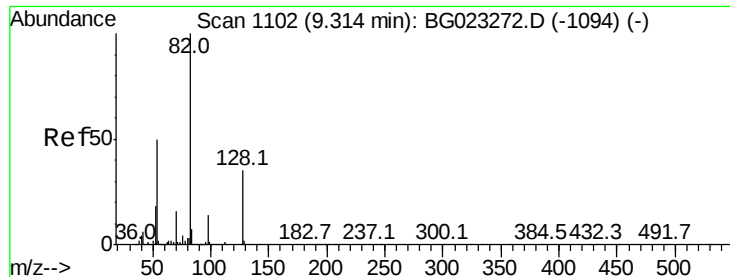
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 83.18 ng

RT: 9.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BG023325.D

Acq: 29 Jul 2016 4:25

Instrument :

BNA_G

ClientSampleId :

LOCATION-46E

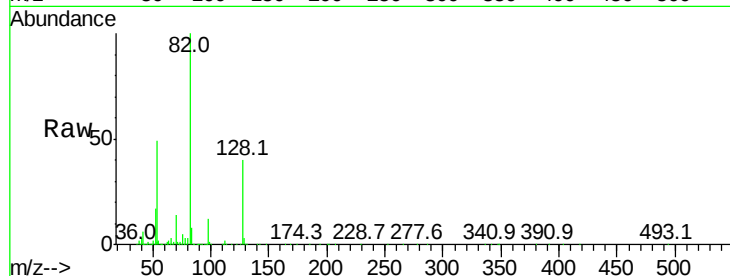
Tot Ion: 82 Resp: 1243152

Ion Ratio Lower Upper

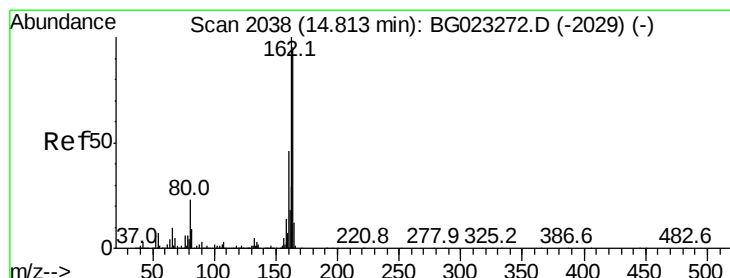
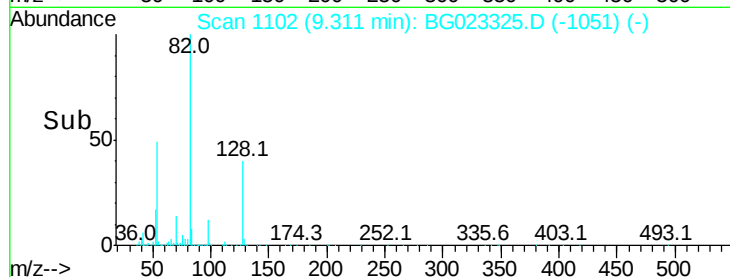
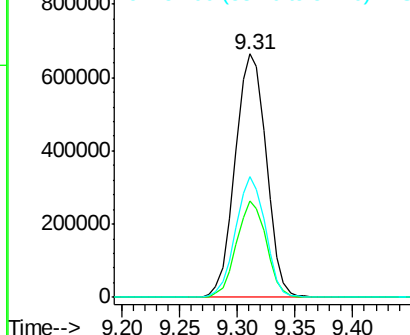
82 100

128 39.7 24.4 36.6#

54 49.5 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: 14.81 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG023325.D

Acq: 29 Jul 2016 4:25

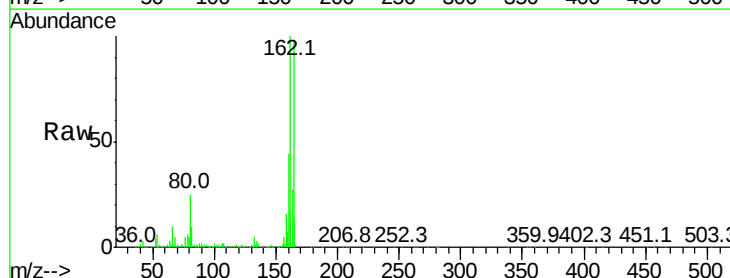
Tgt Ion:164 Resp: 522972

Ion Ratio Lower Upper

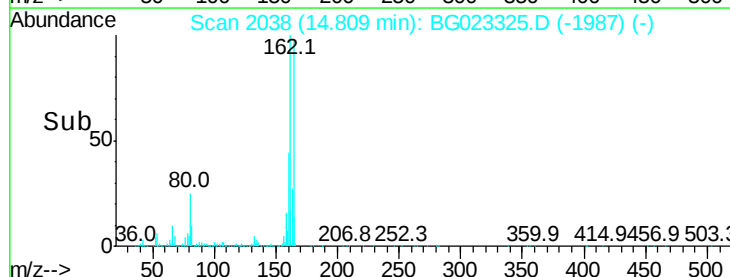
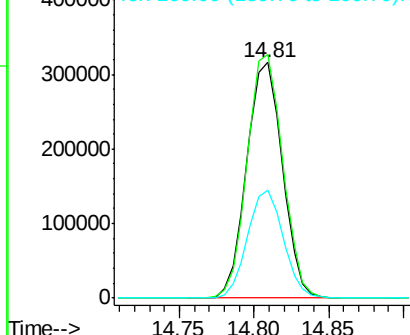
164 100

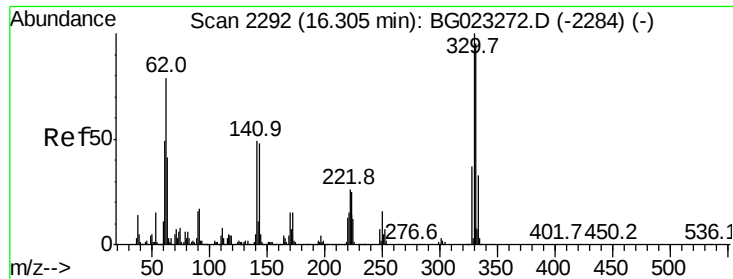
162 103.5 87.7 131.5

160 45.8 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

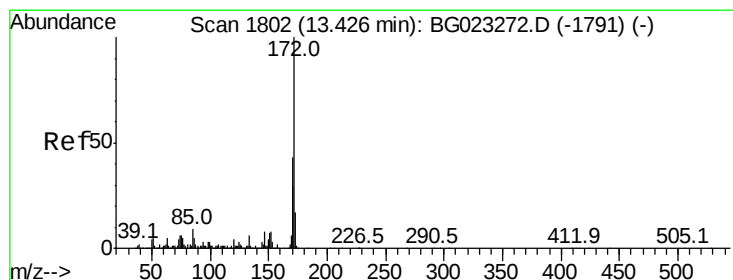
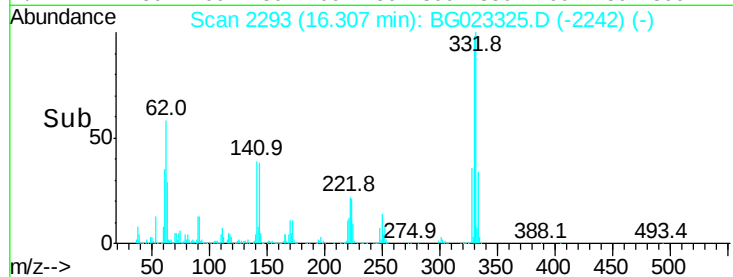
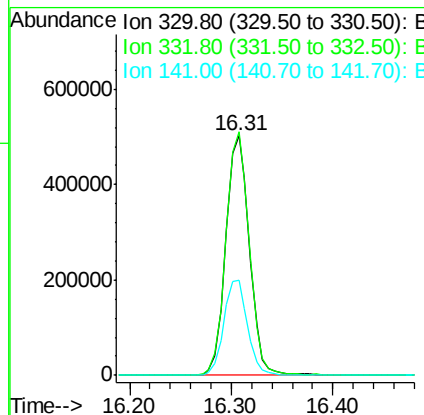
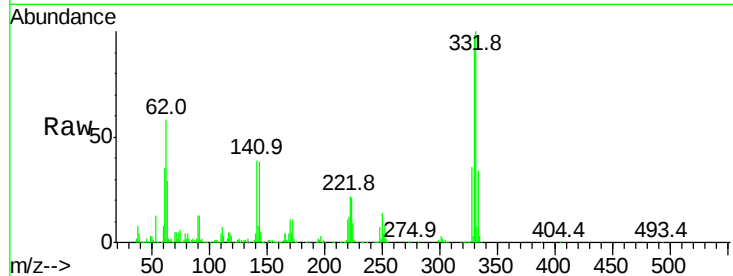




#41
 2,4,6-Tribromophenol
 Concen: 150.10 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023325.D
 Acq: 29 Jul 2016 4:25

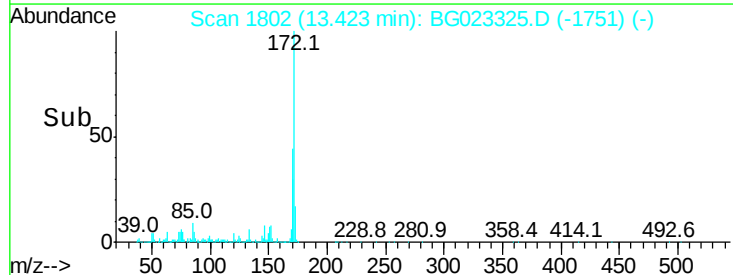
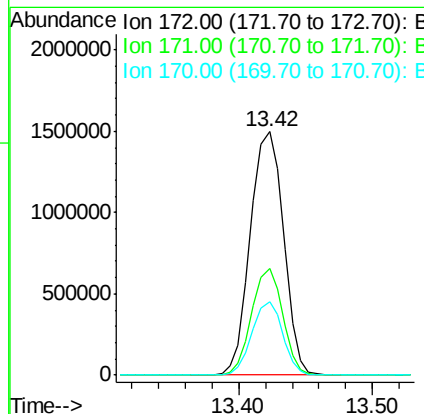
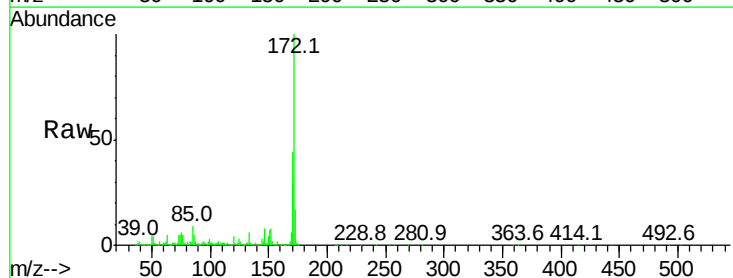
Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-46E

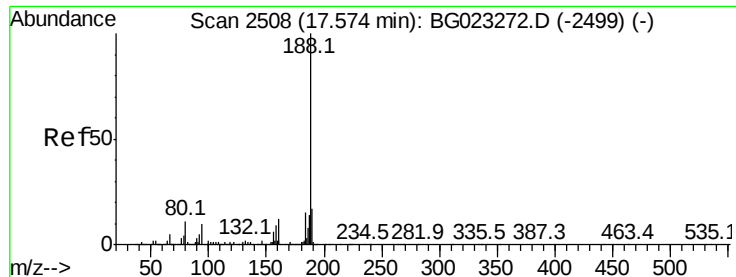
Tot Ion:330 Resp: 812457
 Ion Ratio Lower Upper
 330 100
 332 100.5 77.4 116.2
 141 39.5 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 92.00 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG023325.D
 Acq: 29 Jul 2016 4:25

Tgt Ion:172 Resp: 2570818
 Ion Ratio Lower Upper
 172 100
 171 44.0 31.6 47.4
 170 29.9 21.3 31.9

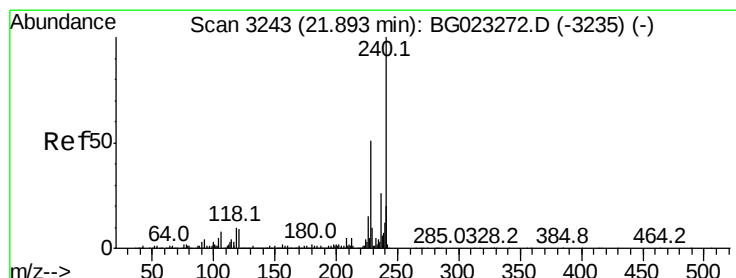
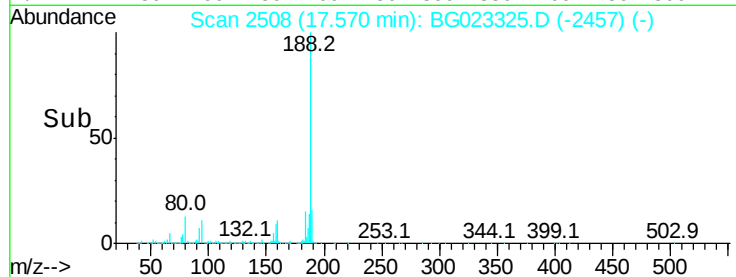
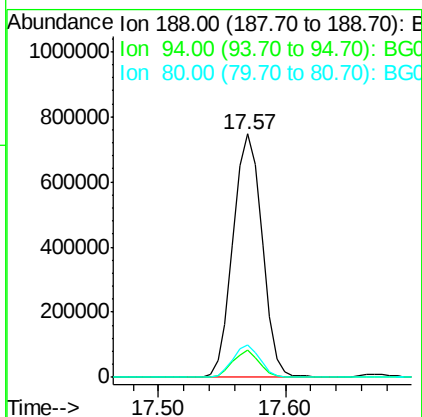
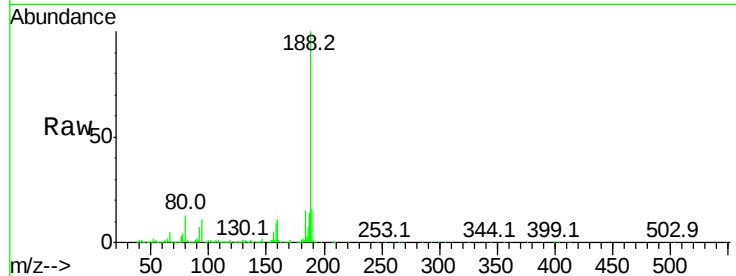




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG023325.D
Acq: 29 Jul 2016 4:25

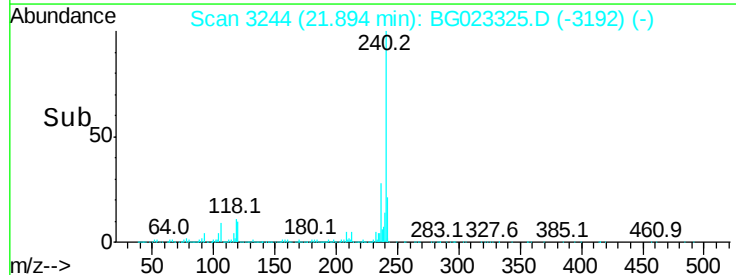
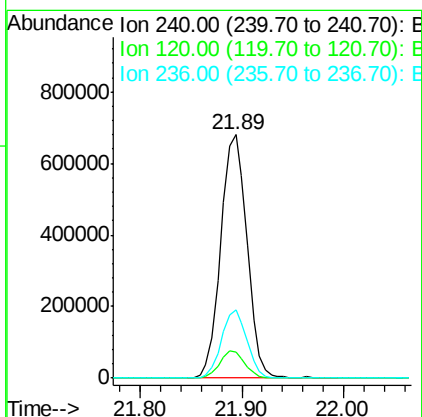
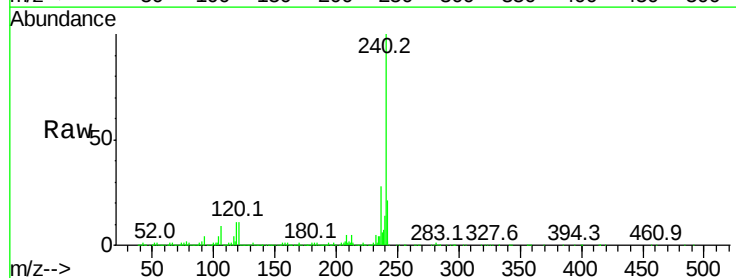
Instrument :
BNA_G
ClientSampleId :
LOCATION-46E

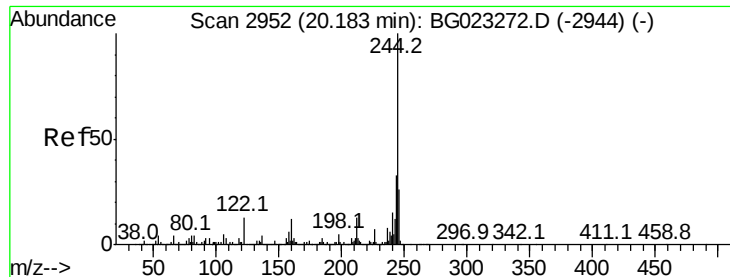
Tot Ion:188 Resp: 1187748
Ion Ratio Lower Upper
188 100
94 11.0 5.2 7.8#
80 13.1 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3244
Delta R.T. 0.00 min
Lab File: BG023325.D
Acq: 29 Jul 2016 4:25

Tgt Ion:240 Resp: 1220818
Ion Ratio Lower Upper
240 100
120 10.5 4.1 6.1#
236 27.8 21.1 31.7





#78

Terphenyl-d14

Concen: 72.09 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023325.D

Acq: 29 Jul 2016 4:25

Instrument :

BNA_G

ClientSampleId :

LOCATION-46E

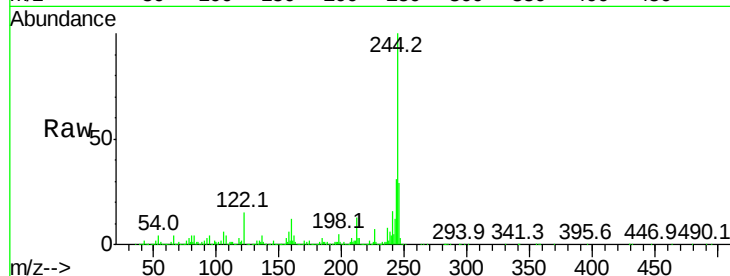
Tot Ion:244 Resp: 2707361

Ion Ratio Lower Upper

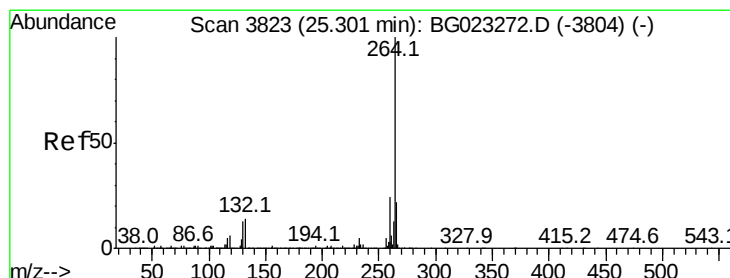
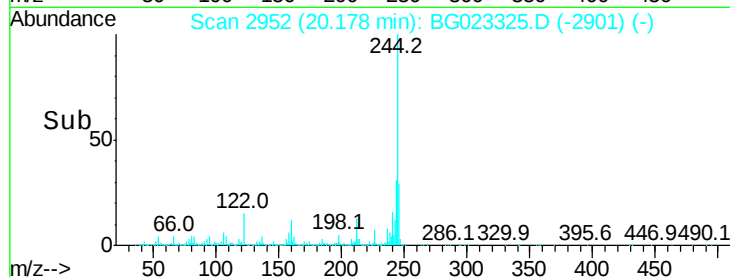
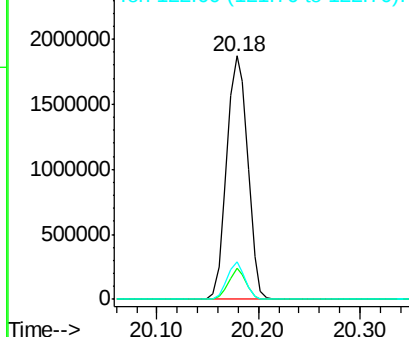
244 100

212 12.8 10.8 16.2

122 15.3 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

Perylene-d12

Concen: 20.00 ng

RT: 25.29 min Scan# 3823

Delta R.T. -0.01 min

Lab File: BG023325.D

Acq: 29 Jul 2016 4:25

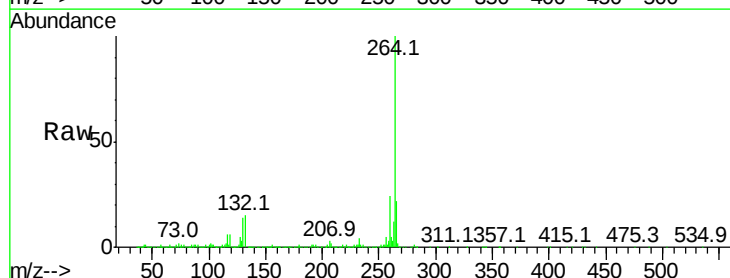
Tgt Ion:264 Resp: 1235316

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 21.6 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

