

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
 Data File : BG023355.D
 Acq On : 30 Jul 2016 13:26
 Operator : UM/SJ
 Sample : PB92565BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BL

Quant Time: Aug 01 01:55:48 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	153561	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	729943	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	513462	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1166225	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1218630	20.00	ng	0.00
86) Perylene-d12	25.30	264	1221985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	1133919	126.06	ng	0.00
7) Phenol-d6	7.29	99	1673622	121.19	ng	0.00
23) Nitrobenzene-d5	9.31	82	1087694	72.87	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	710546	133.70	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2322764	84.67	ng	0.00
78) Terphenyl-d14	20.18	244	2932068	78.21	ng	0.00

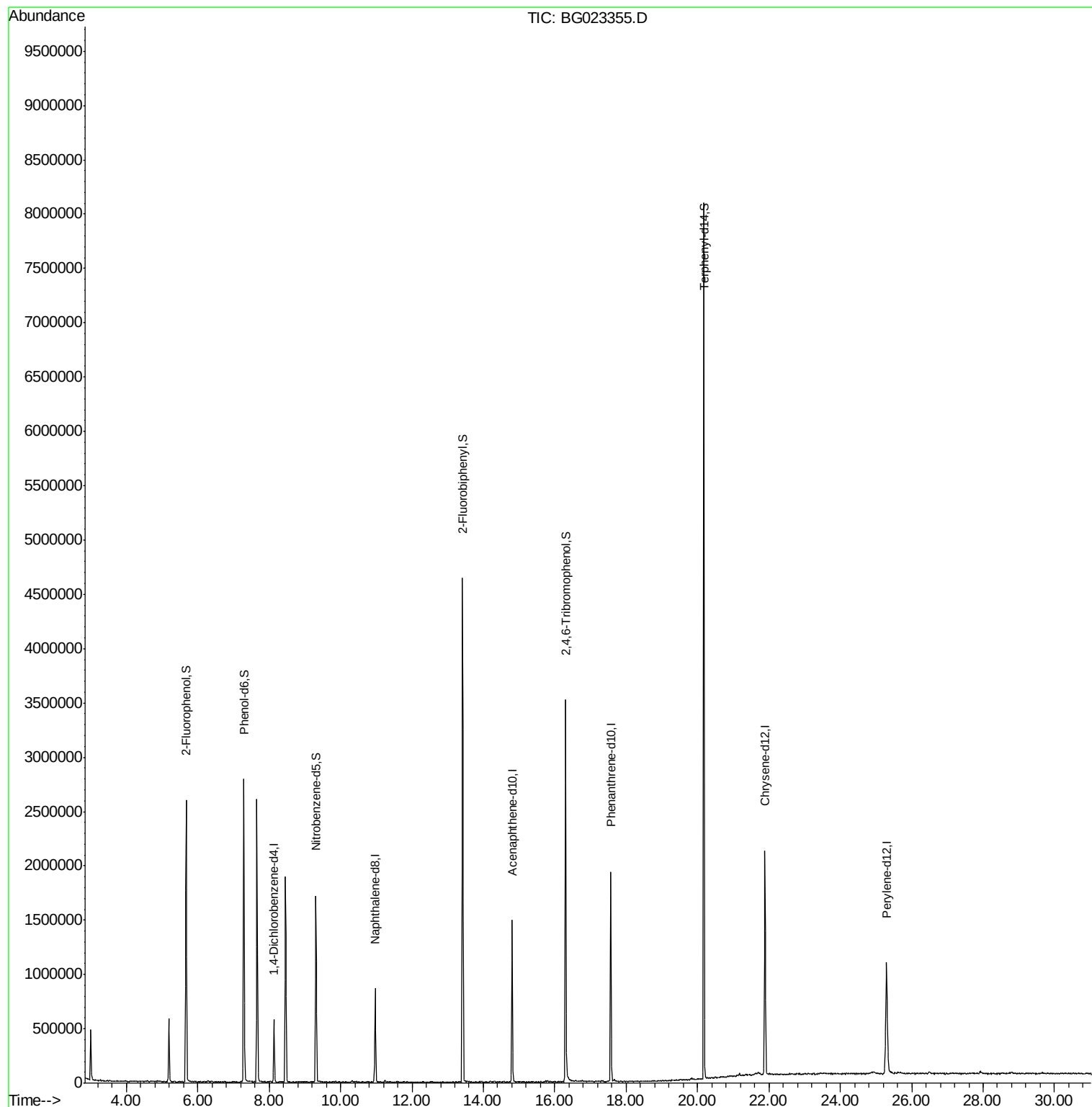
Target Compounds	Qvalue
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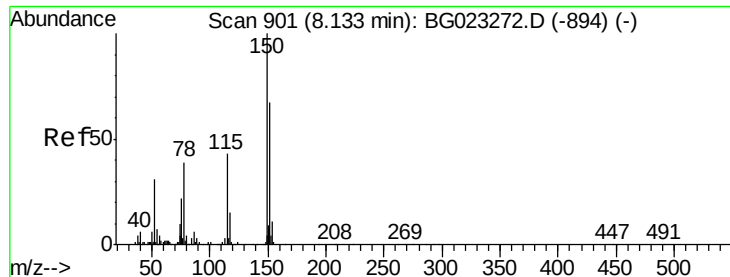
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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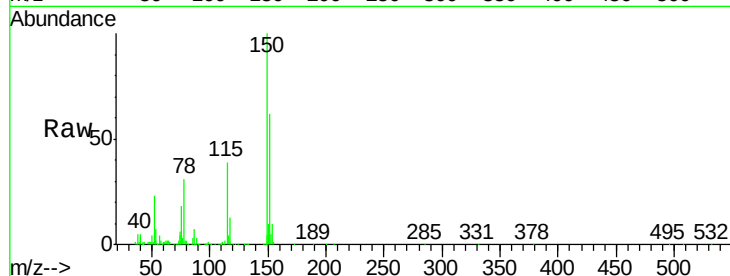


#1

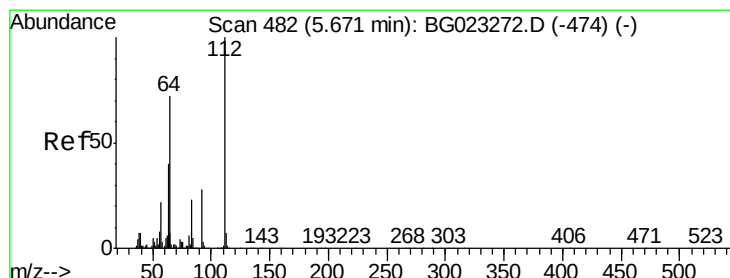
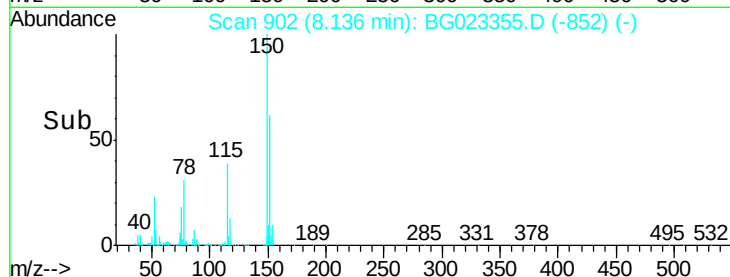
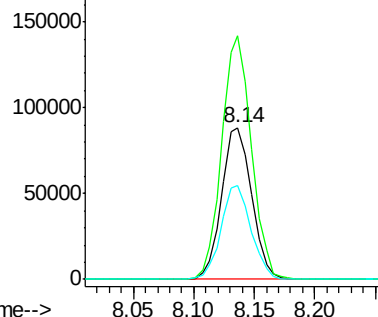
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023355.D
Acq: 30 Jul 2016 13:26

Instrument :
BNA_G
ClientSampleId :
PB92565BL

Tgt Ion:152 Resp: 153561
Ion Ratio Lower Upper
152 100
150 160.2 144.7 217.1
115 61.8 64.0 96.0#



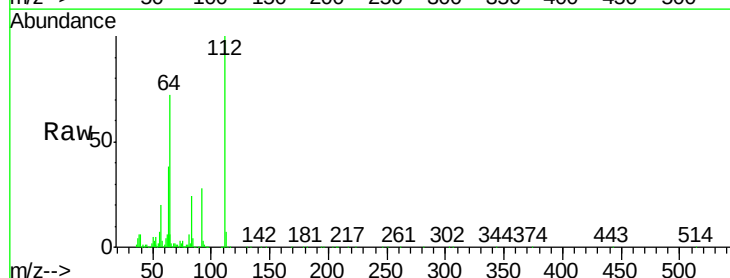
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



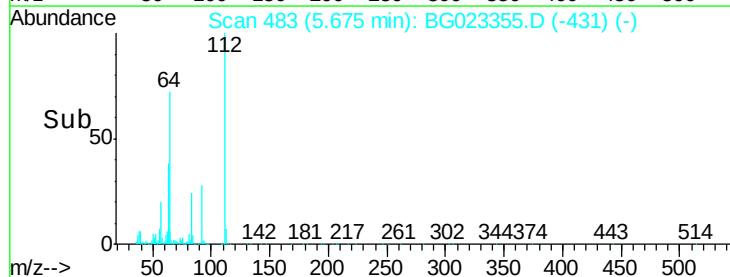
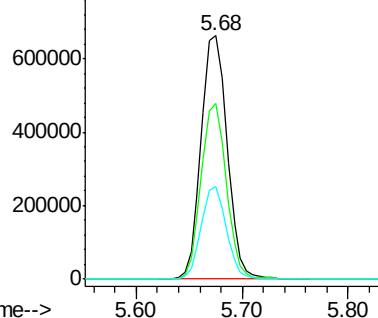
#5

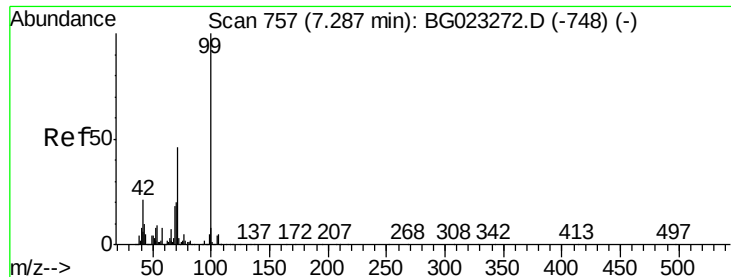
2-Fluorophenol
Concen: 126.06 ng
RT: 5.68 min Scan# 483
Delta R.T. 0.00 min
Lab File: BG023355.D
Acq: 30 Jul 2016 13:26

Tgt Ion:112 Resp: 1133919
Ion Ratio Lower Upper
112 100
64 72.3 59.0 88.4
63 38.1 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: 121.19 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023355.D

Acq: 30 Jul 2016 13:26

Instrument :

BNA_G

ClientSampleId :

PB92565BL

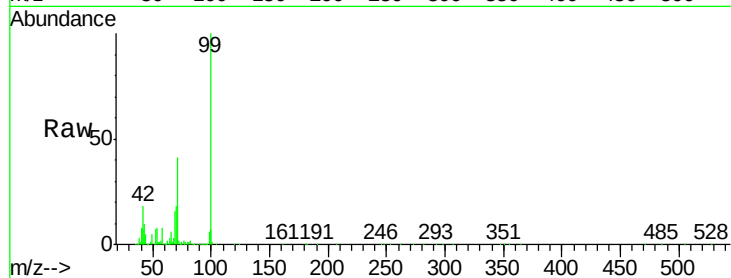
Tgt Ion: 99 Resp: 1673622

Ion Ratio Lower Upper

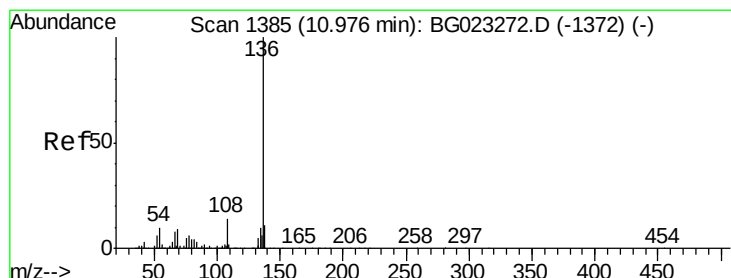
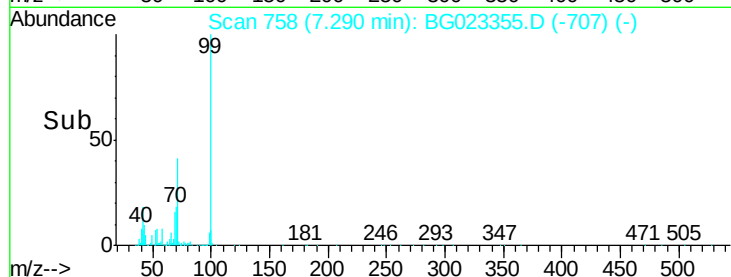
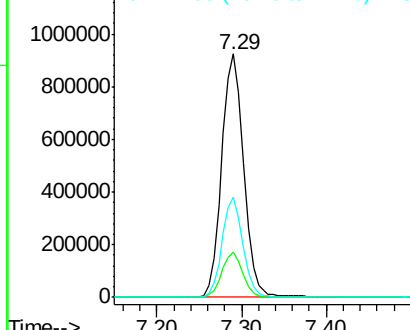
99 100

42 18.5 17.8 26.6

71 40.9 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: BG023355.D

Acq: 30 Jul 2016 13:26

Tgt Ion: 136 Resp: 729943

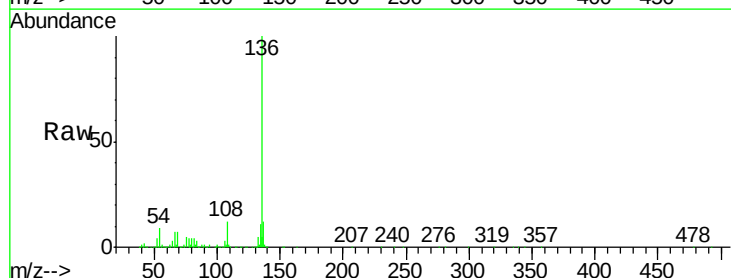
Ion Ratio Lower Upper

136 100

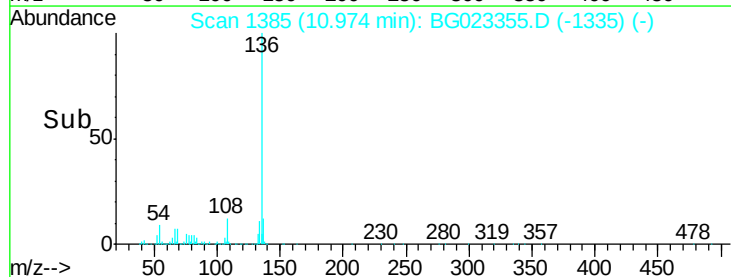
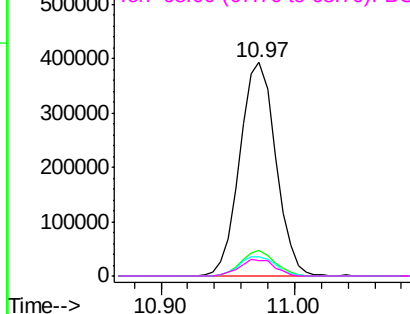
137 11.7 9.6 14.4

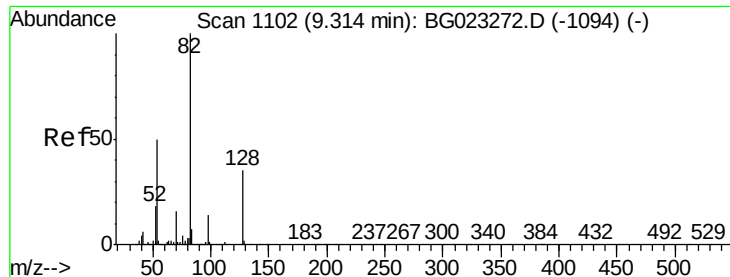
54 9.2 7.3 10.9

68 7.1 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: 72.87 ng

RT: 9.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BG023355.D

Acq: 30 Jul 2016 13:26

Instrument :

BNA_G

ClientSampleId :

PB92565BL

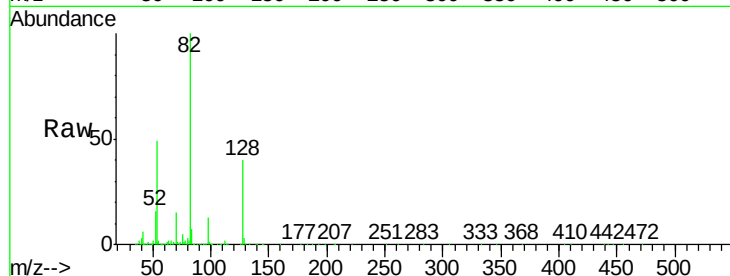
Tgt Ion: 82 Resp: 1087694

Ion Ratio Lower Upper

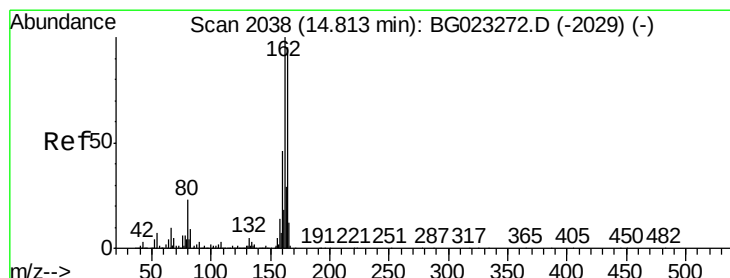
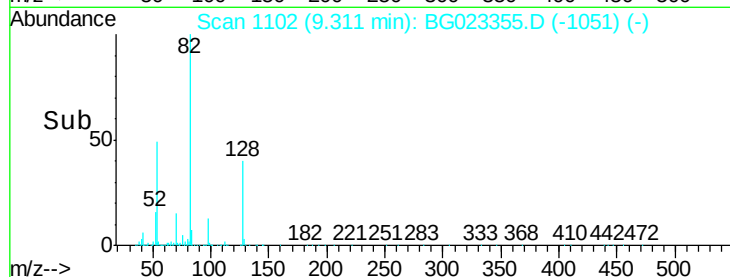
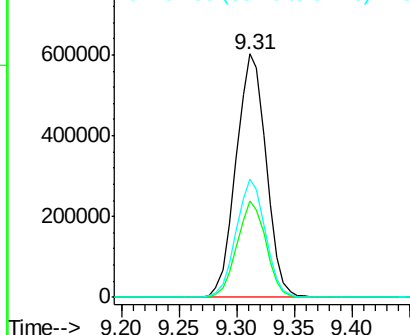
82 100

128 39.7 24.4 36.6#

54 48.8 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: 14.80 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023355.D

Acq: 30 Jul 2016 13:26

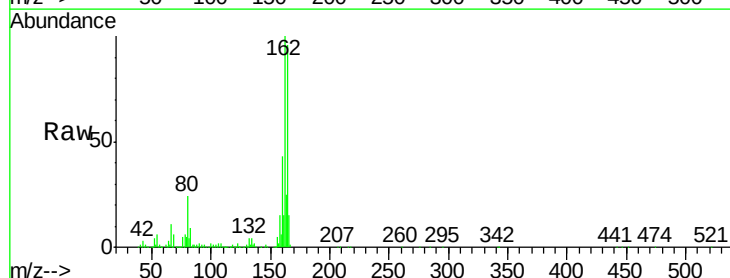
Tgt Ion: 164 Resp: 513462

Ion Ratio Lower Upper

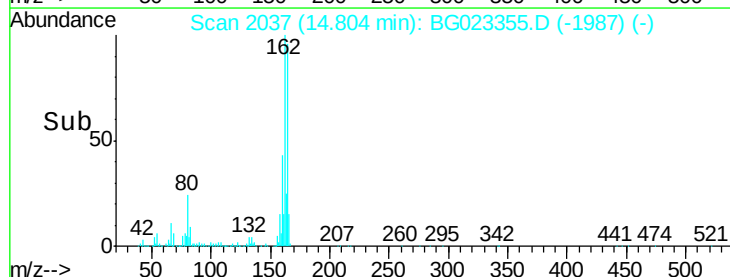
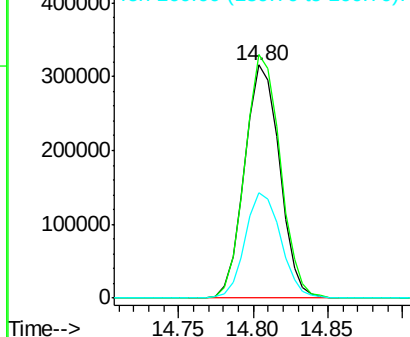
164 100

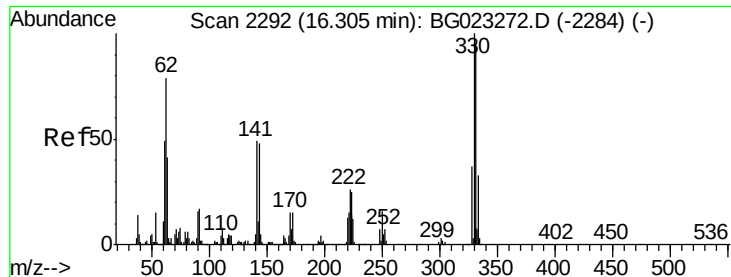
162 104.4 87.7 131.5

160 45.2 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

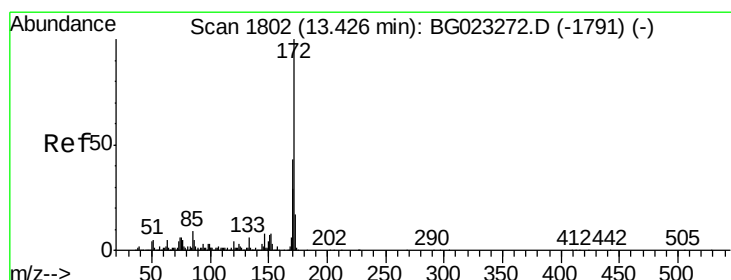
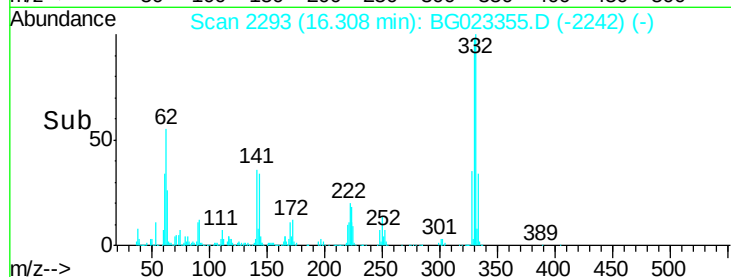
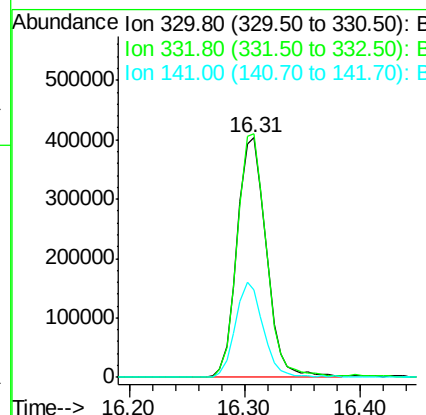
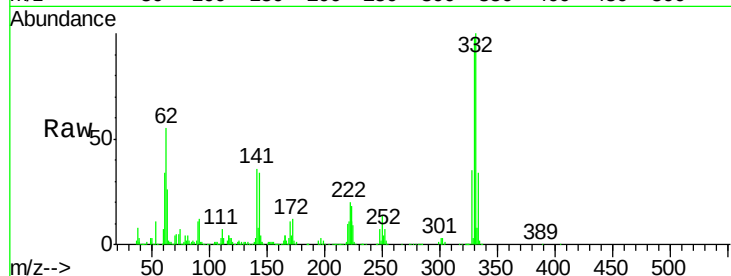




#41
2,4,6-Tribromophenol
Concen: 133.70 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG023355.D
Acq: 30 Jul 2016 13:26

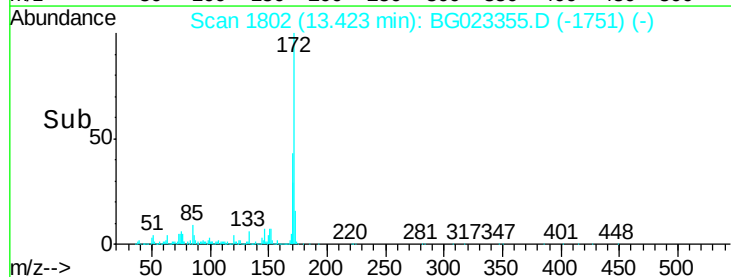
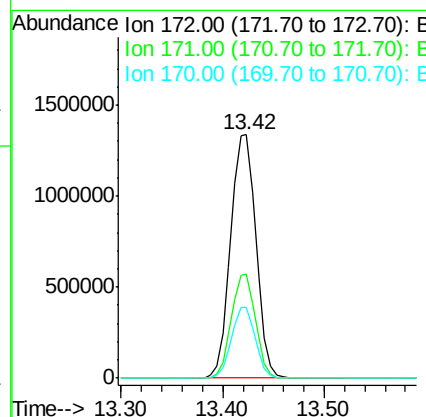
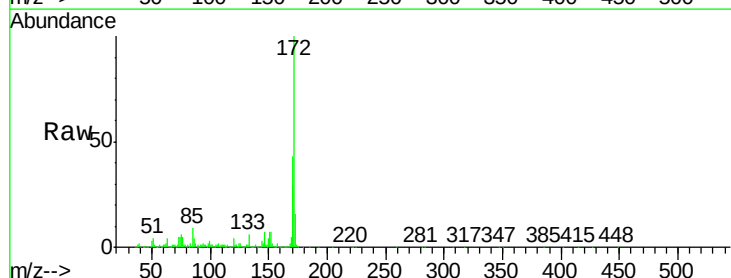
Instrument :
BNA_G
ClientSampled :
PB92565BL

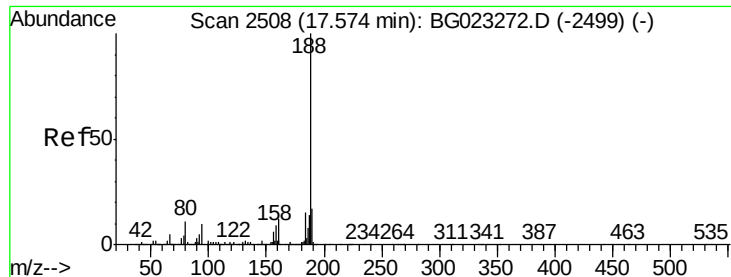
Tgt Ion:330 Resp: 710546
Ion Ratio Lower Upper
330 100
332 100.6 77.4 116.2
141 38.1 31.7 47.5



#44
2-Fluorobiphenyl
Concen: 84.67 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023355.D
Acq: 30 Jul 2016 13:26

Tgt Ion:172 Resp: 2322764
Ion Ratio Lower Upper
172 100
171 42.9 31.6 47.4
170 29.0 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: BG023355.D

Acq: 30 Jul 2016 13:26

Instrument :

BNA_G

ClientSampleId :

PB92565BL

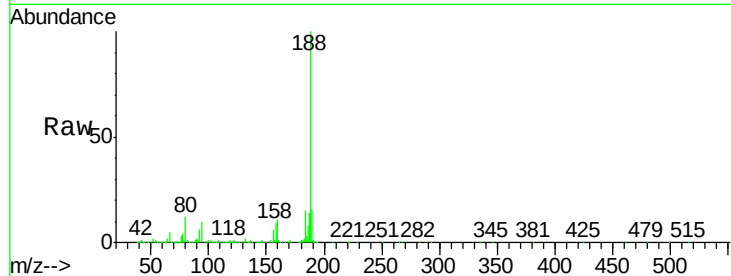
Tgt Ion:188 Resp: 1166225

Ion Ratio Lower Upper

188 100

94 10.3 5.2 7.8#

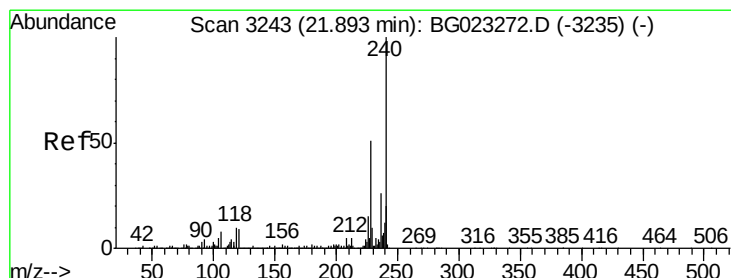
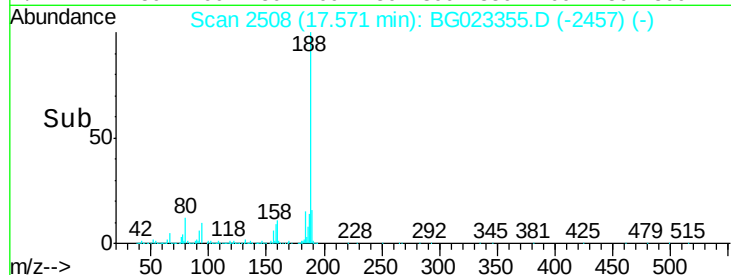
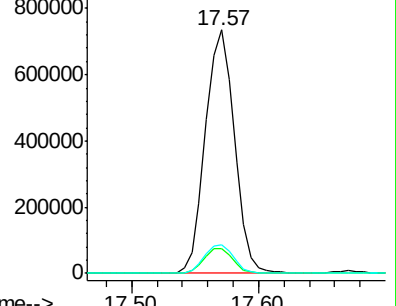
80 11.8 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. -0.00 min

Lab File: BG023355.D

Acq: 30 Jul 2016 13:26

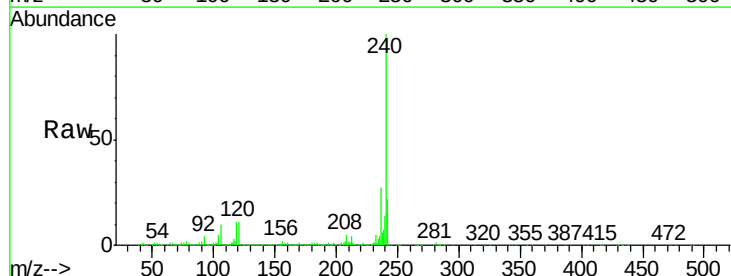
Tgt Ion:240 Resp: 1218630

Ion Ratio Lower Upper

240 100

120 10.6 4.1 6.1#

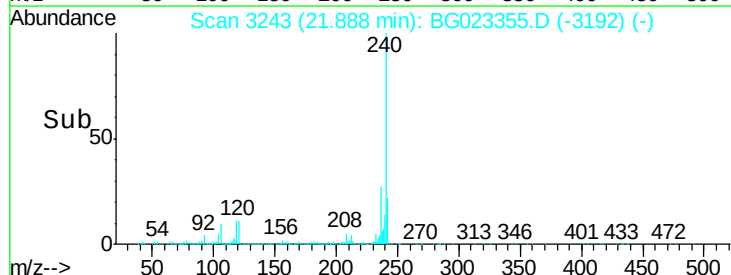
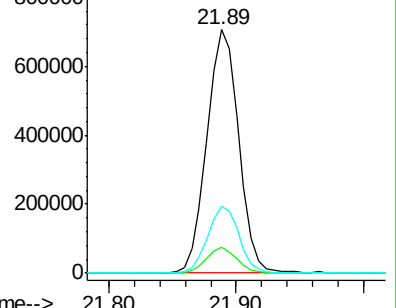
236 27.3 21.1 31.7

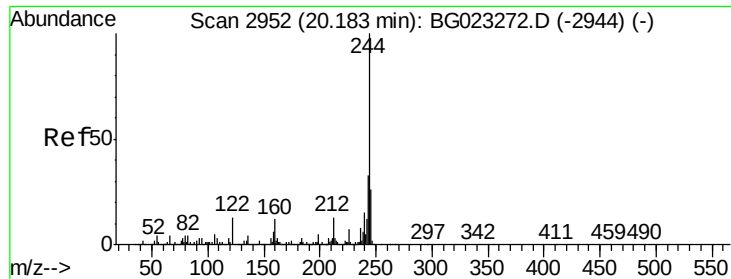


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.21 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023355.D

Acq: 30 Jul 2016 13:26

Instrument :

BNA_G

ClientSampleId :

PB92565BL

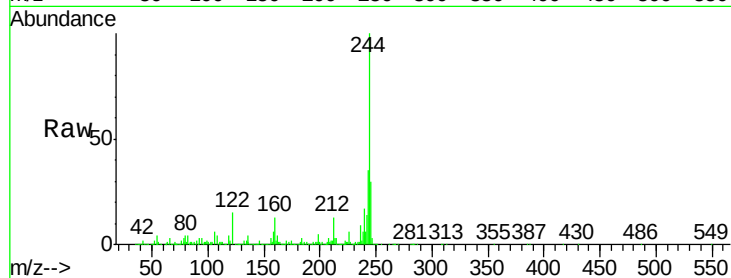
Tgt Ion:244 Resp: 2932068

Ion Ratio Lower Upper

244 100

212 13.1 10.8 16.2

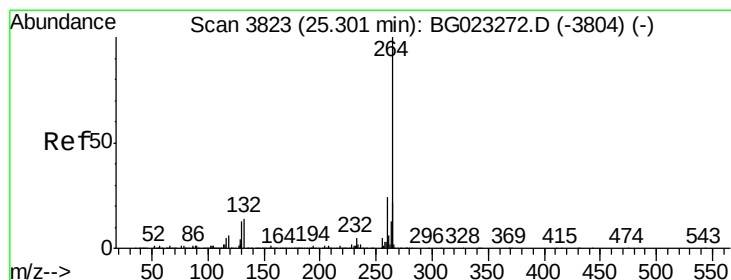
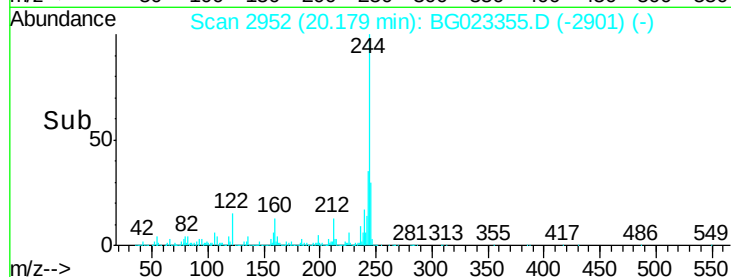
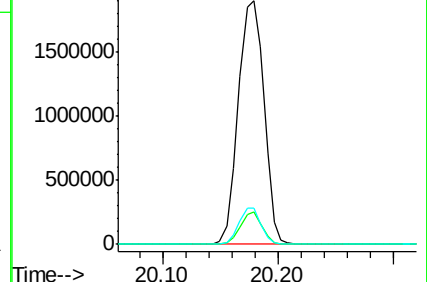
122 14.9 8.0 12.0#



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: BG023355.D

Acq: 30 Jul 2016 13:26

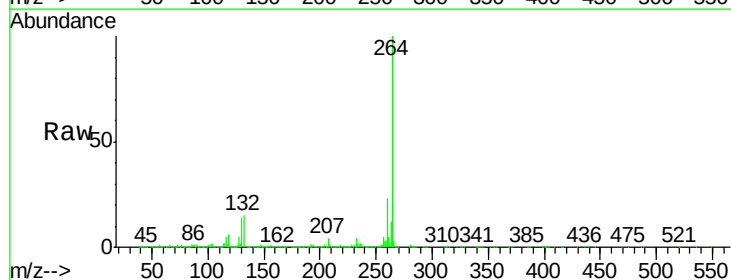
Tgt Ion:264 Resp: 1221985

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 20.8 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

