

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
 Data File : BG023285.D
 Acq On : 27 Jul 2016 16:22
 Operator : UM/SJ
 Sample : H4133-14RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-36RE

Quant Time: Jul 28 02:23:27 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	263170	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	1110737	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	318404	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1397810	20.00	ng	0.00
75) Chrysene-d12	21.90	240	82439	20.00	ng	0.01
86) Perylene-d12	25.32	264	120	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	1495553	97.01	ng	0.00
7) Phenol-d6	7.29	99	1409534	59.56	ng	0.00
23) Nitrobenzene-d5	9.31	82	1487502	65.49	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	766144	232.48	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2571854	151.18	ng	0.00
78) Terphenyl-d14	20.18	244	1254012	494.48	ng	0.00

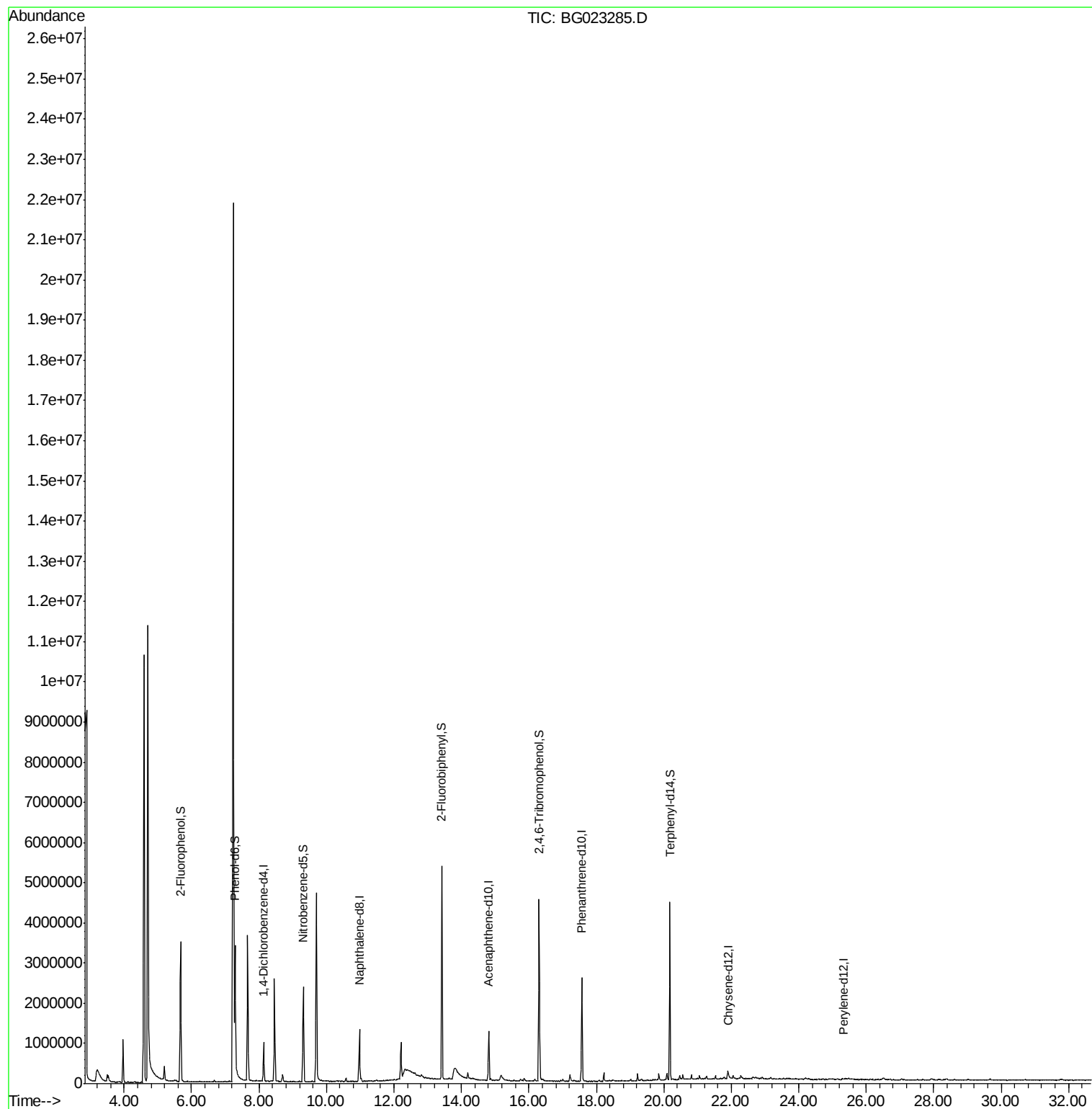
Target Compounds Qvalue

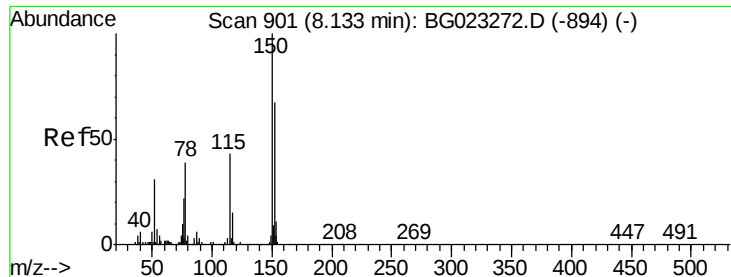
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023285.D

Acq: 27 Jul 2016 16:22

Instrument :

BNA_G

ClientSampleId :

D-36RE

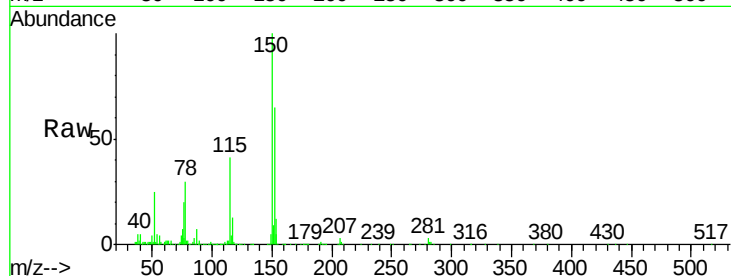
Tot Ion:152 Resp: 263170

Ion Ratio Lower Upper

152 100

150 153.5 144.7 217.1

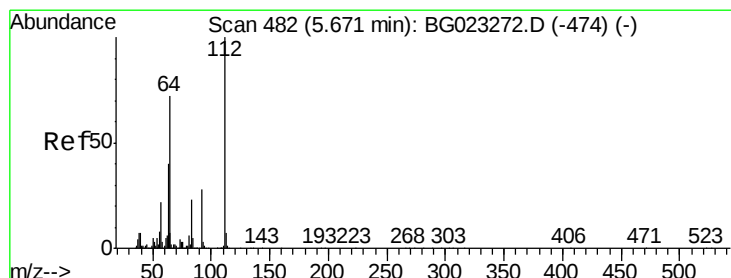
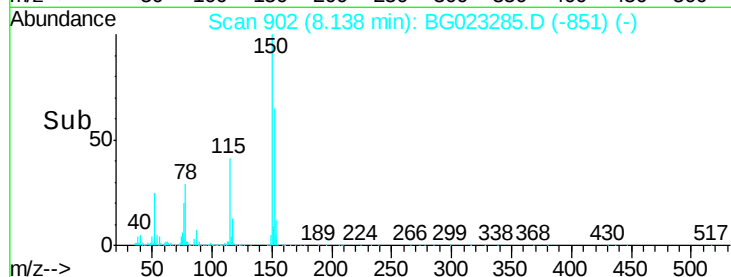
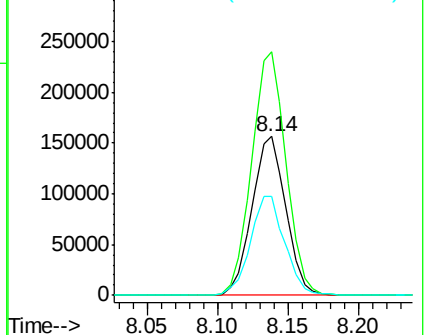
115 62.5 64.0 96.0#



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: 97.01 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023285.D

Acq: 27 Jul 2016 16:22

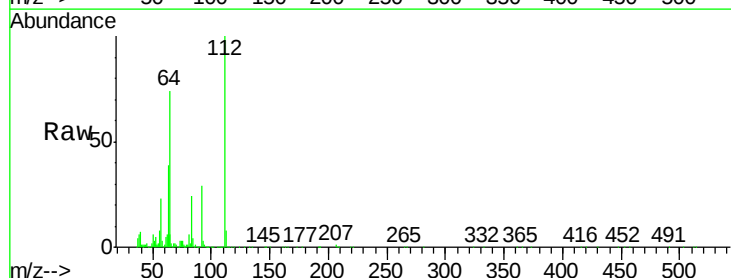
Tgt Ion:112 Resp: 1495553

Ion Ratio Lower Upper

112 100

64 74.4 59.0 88.4

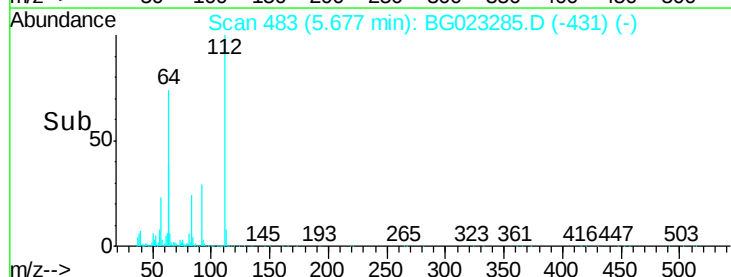
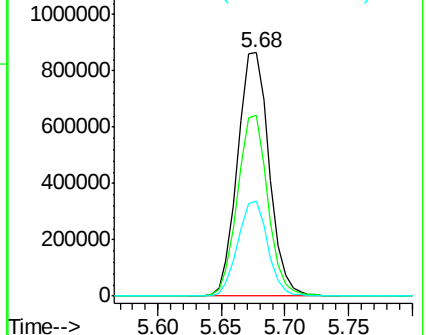
63 39.1 37.8 56.8

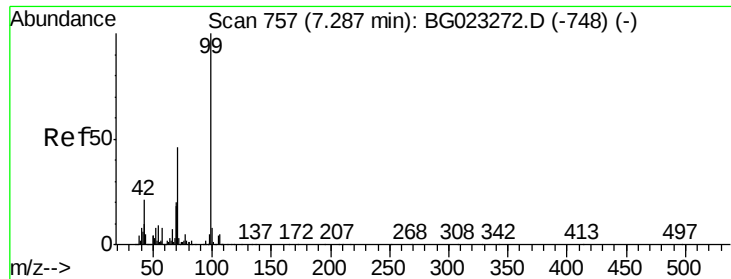


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 59.56 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023285.D

Acq: 27 Jul 2016 16:22

Instrument :

BNA_G

ClientSampled :

D-36RE

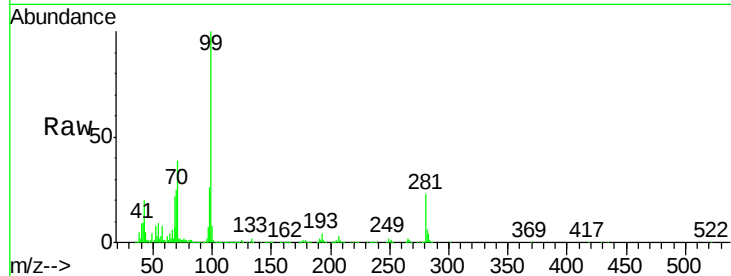
Tot Ion: 99 Resp: 1409534

Ion Ratio Lower Upper

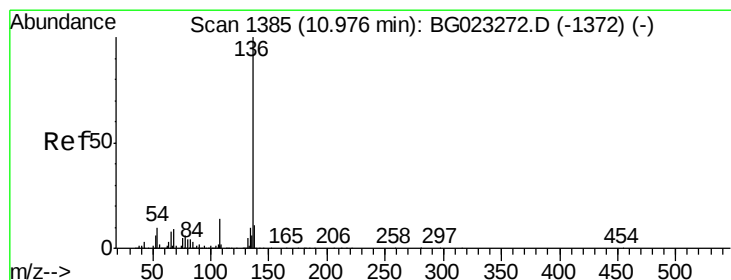
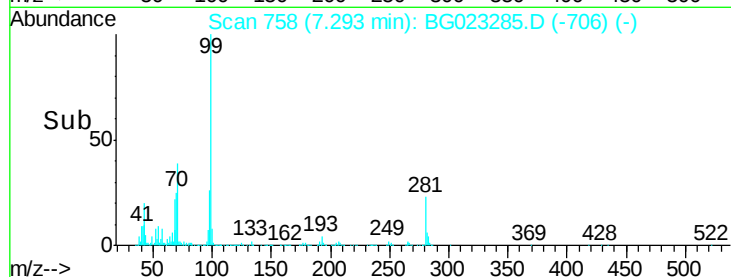
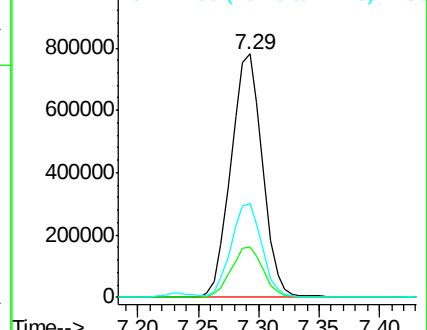
99 100

42 20.4 17.8 26.6

71 38.7 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: 10.98 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023285.D

Acq: 27 Jul 2016 16:22

Tgt Ion: 136 Resp: 1110737

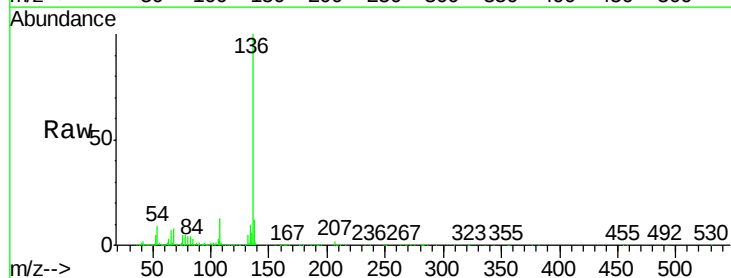
Ion Ratio Lower Upper

136 100

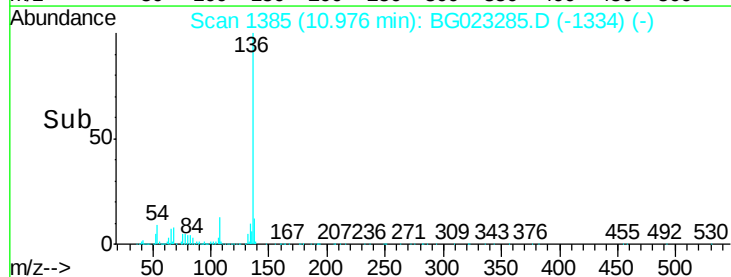
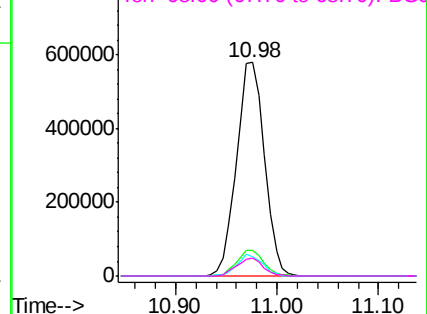
137 12.2 9.6 14.4

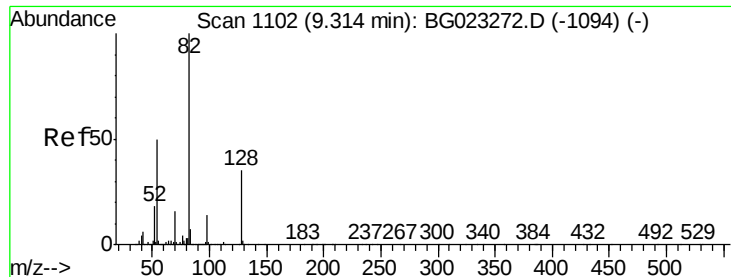
54 9.3 7.3 10.9

68 8.2 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

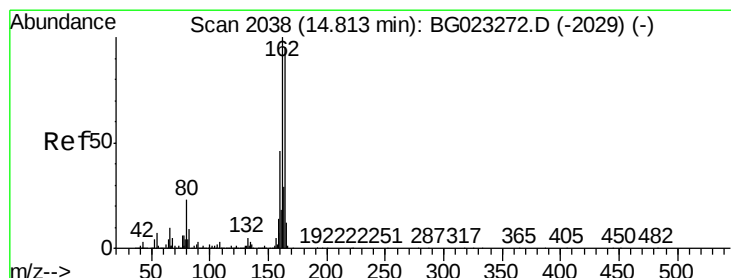
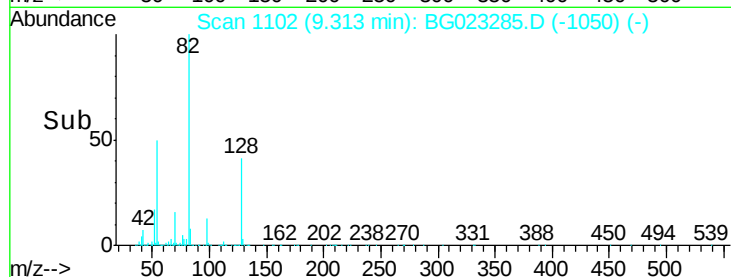
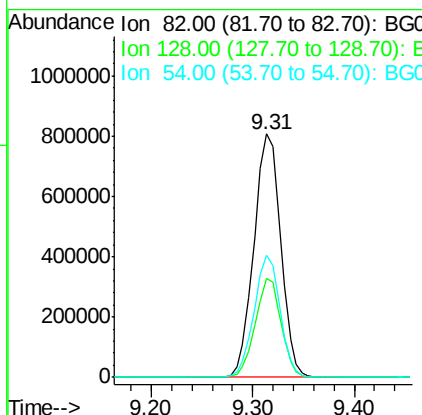
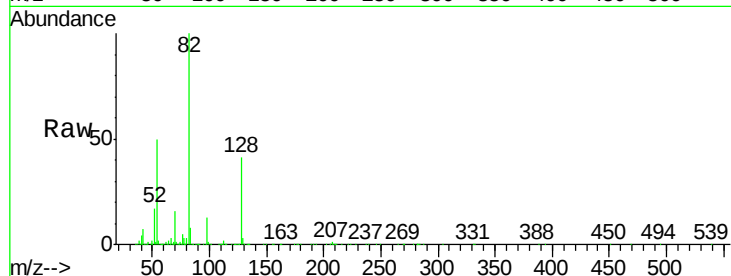




#23
 Nitrobenzene-d5
 Concen: 65.49 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023285.D
 Acq: 27 Jul 2016 16:22

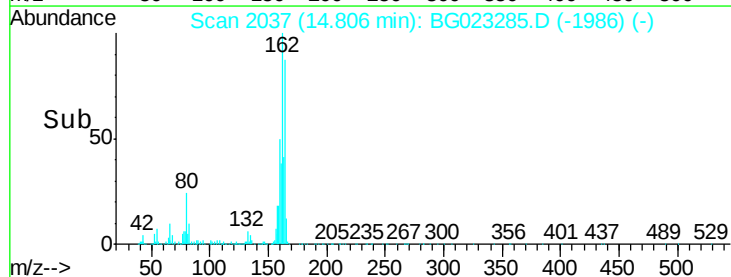
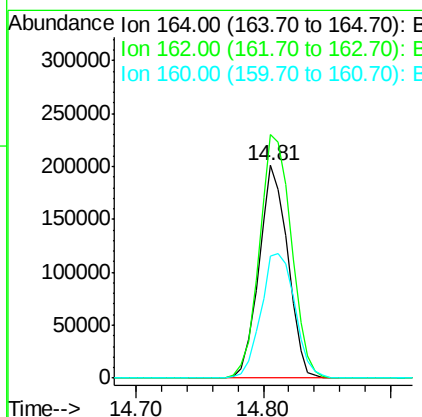
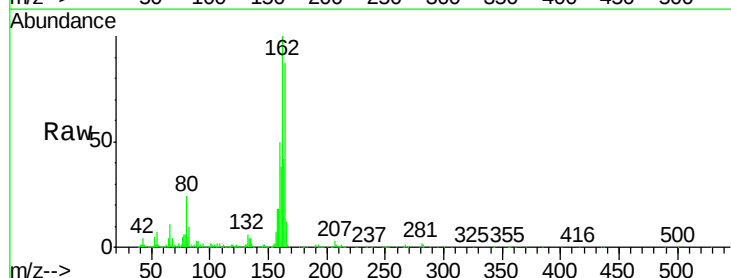
Instrument :
 BNA_G
 ClientSampleId :
 D-36RE

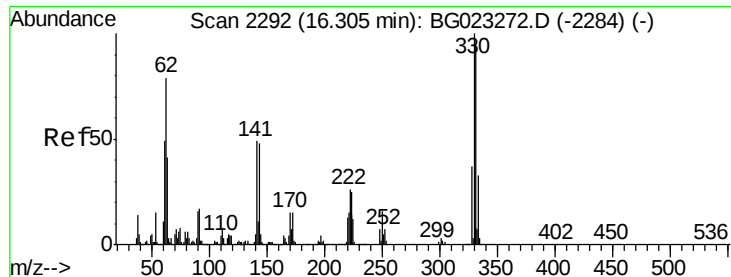
Tot Ion: 82 Resp: 1487502
 Ion Ratio Lower Upper
 82 100
 128 40.9 24.4 36.6#
 54 50.0 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023285.D
 Acq: 27 Jul 2016 16:22

Tgt Ion:164 Resp: 318404
 Ion Ratio Lower Upper
 164 100
 162 114.5 87.7 131.5
 160 57.6 37.2 55.8#

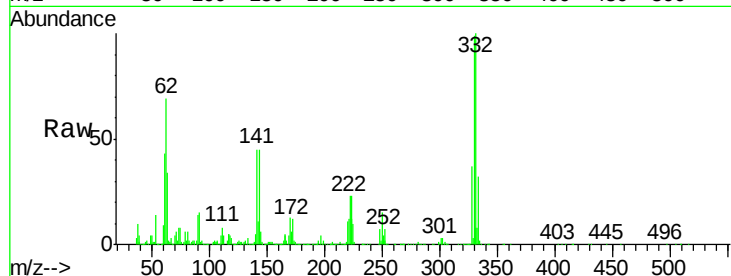




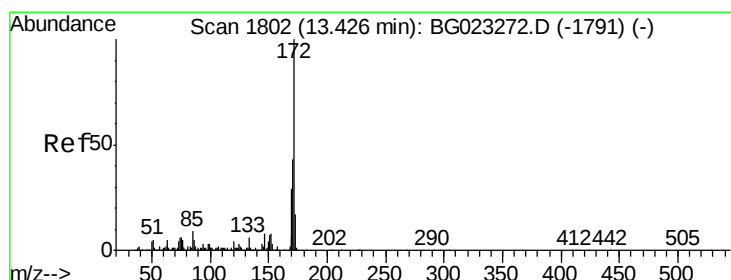
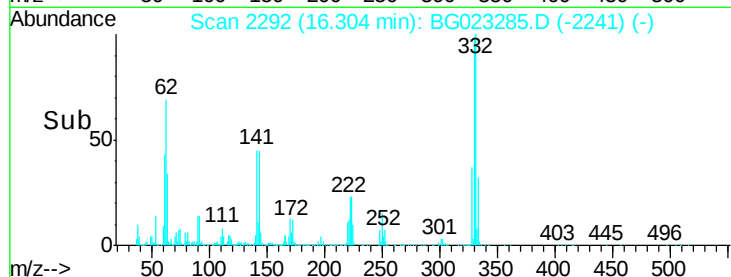
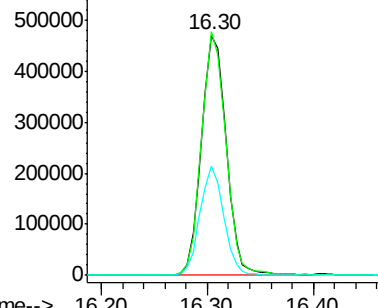
#41
2,4,6-Tribromophenol
Concen: 232.48 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG023285.D
Acq: 27 Jul 2016 16:22

Instrument :
BNA_G
ClientSampleId :
D-36RE

Tot Ion:330 Resp: 766144
Ion Ratio Lower Upper
330 100
332 99.1 77.4 116.2
141 43.6 31.7 47.5

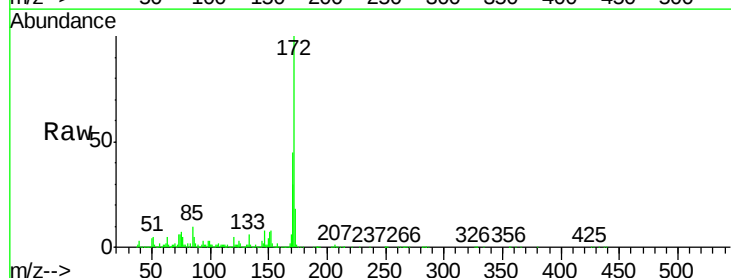


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

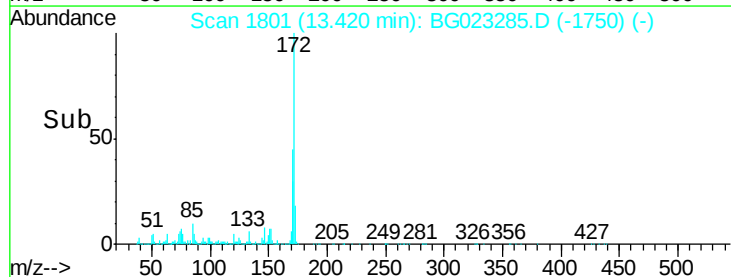
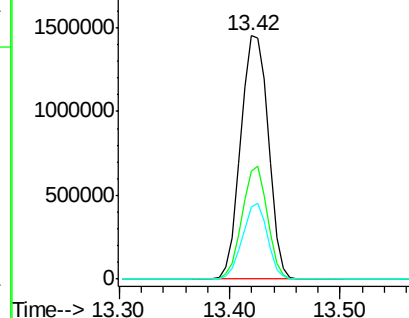


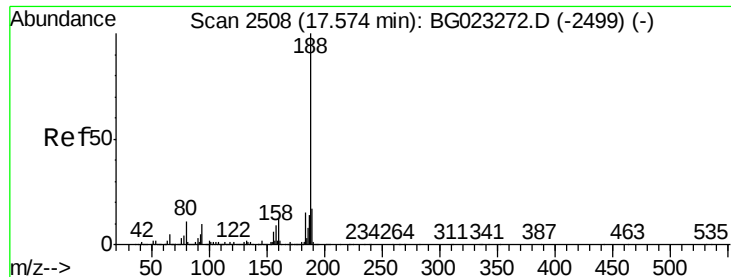
#44
2-Fluorobiphenyl
Concen: 151.18 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023285.D
Acq: 27 Jul 2016 16:22

Tgt Ion:172 Resp: 2571854
Ion Ratio Lower Upper
172 100
171 44.6 31.6 47.4
170 29.8 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: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023285.D

Acq: 27 Jul 2016 16:22

Instrument :

BNA_G

ClientSampled :

D-36RE

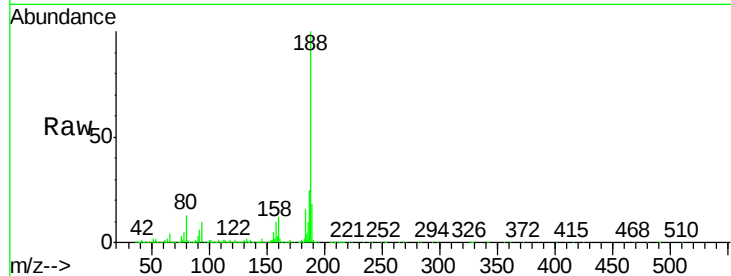
Tot Ion:188 Resp: 1397810

Ion Ratio Lower Upper

188 100

94 10.4 5.2 7.8#

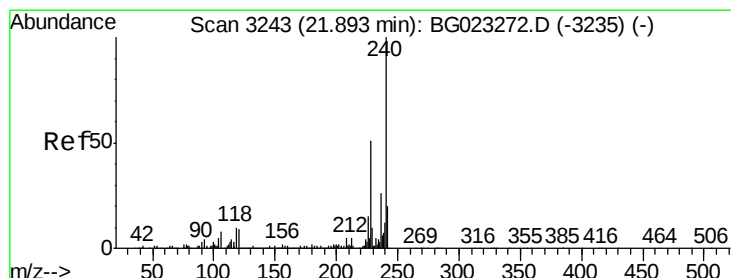
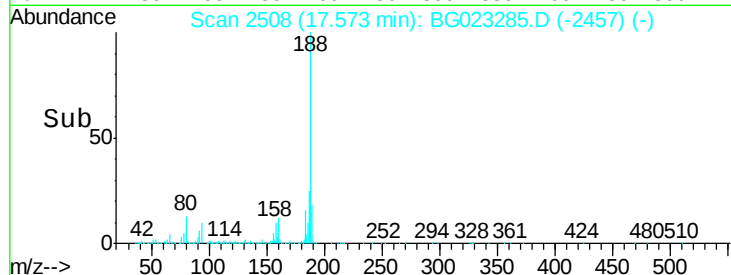
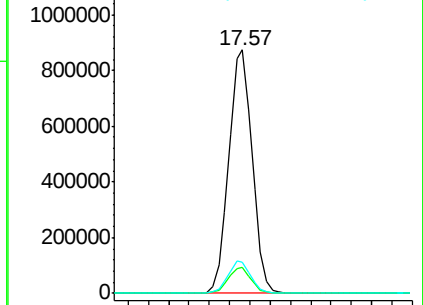
80 12.7 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3245

Delta R.T. 0.01 min

Lab File: BG023285.D

Acq: 27 Jul 2016 16:22

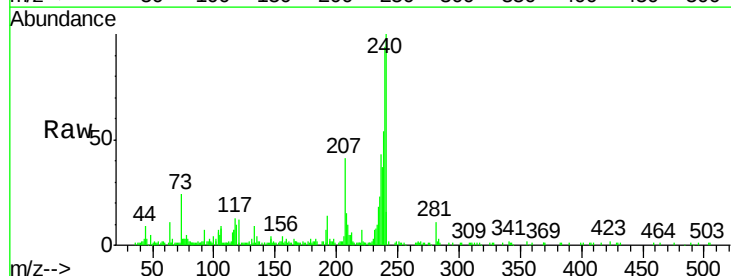
Tgt Ion:240 Resp: 82439

Ion Ratio Lower Upper

240 100

120 12.4 4.1 6.1#

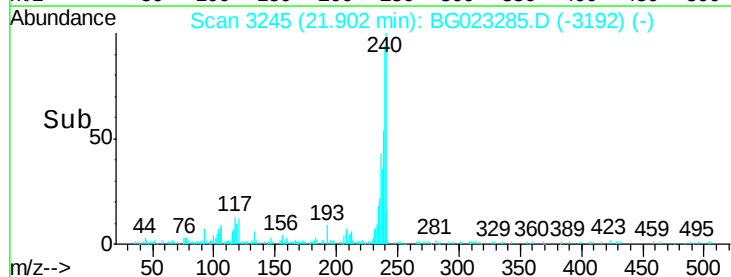
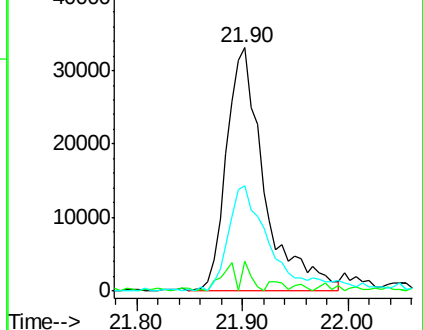
236 43.3 21.1 31.7#

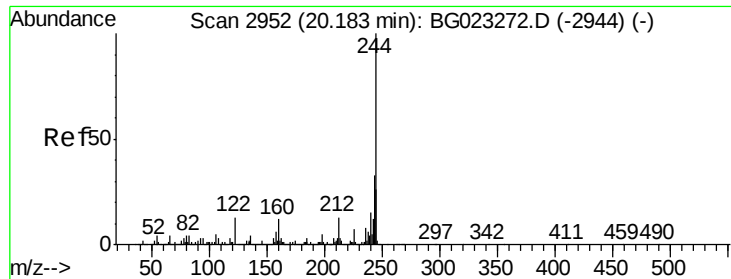


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 494.48 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023285.D

Acq: 27 Jul 2016 16:22

Instrument :

BNA_G

ClientSampled :

D-36RE

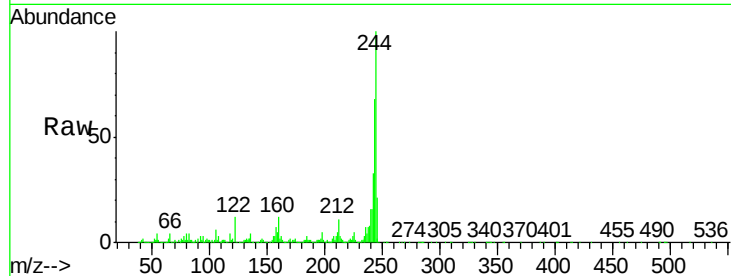
Tot Ion:244 Resp: 1254012

Ion Ratio Lower Upper

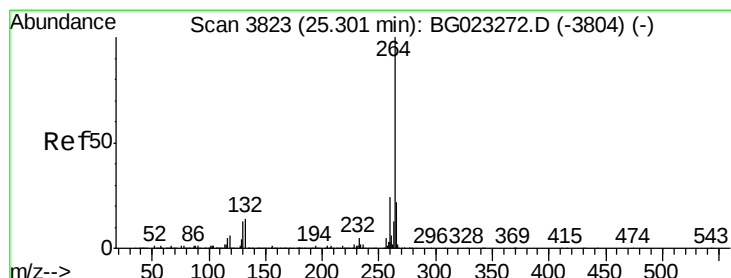
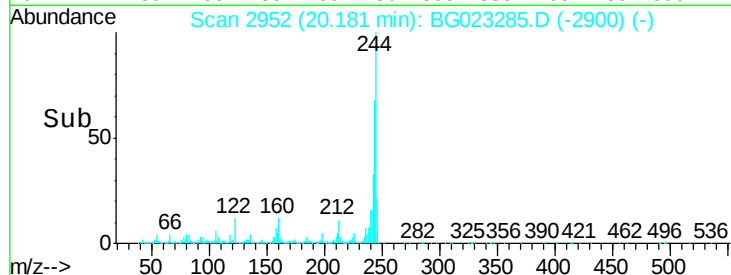
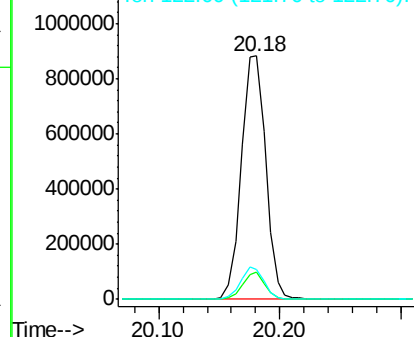
244 100

212 11.0 10.8 16.2

122 12.2 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: 25.32 min Scan# 3827

Delta R.T. 0.02 min

Lab File: BG023285.D

Acq: 27 Jul 2016 16:22

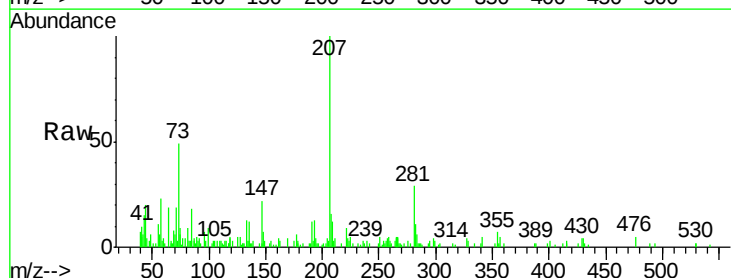
Tgt Ion:264 Resp: 120

Ion Ratio Lower Upper

264 100

260 108.2 18.4 27.6#

265 290.6 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

