

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071216\
 Data File : BG023042.D
 Acq On : 12 Jul 2016 18:45
 Operator : UM/SJ
 Sample : H3955-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-58-070716RE

Quant Time: Jul 13 01:06:51 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	96082	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	482710	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	389316	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	897805	20.00	ng	0.00
75) Chrysene-d12	21.86	240	965508	20.00	ng	0.02
86) Perylene-d12	25.25	264	860684	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	76033	12.94	ng	0.00
7) Phenol-d6	7.31	99	132588	14.41	ng	0.00
23) Nitrobenzene-d5	9.33	82	105027	9.32	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	71359	10.20	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	304223	12.31	ng	0.00
78) Terphenyl-d14	20.16	244	897123	19.68	ng	0.00

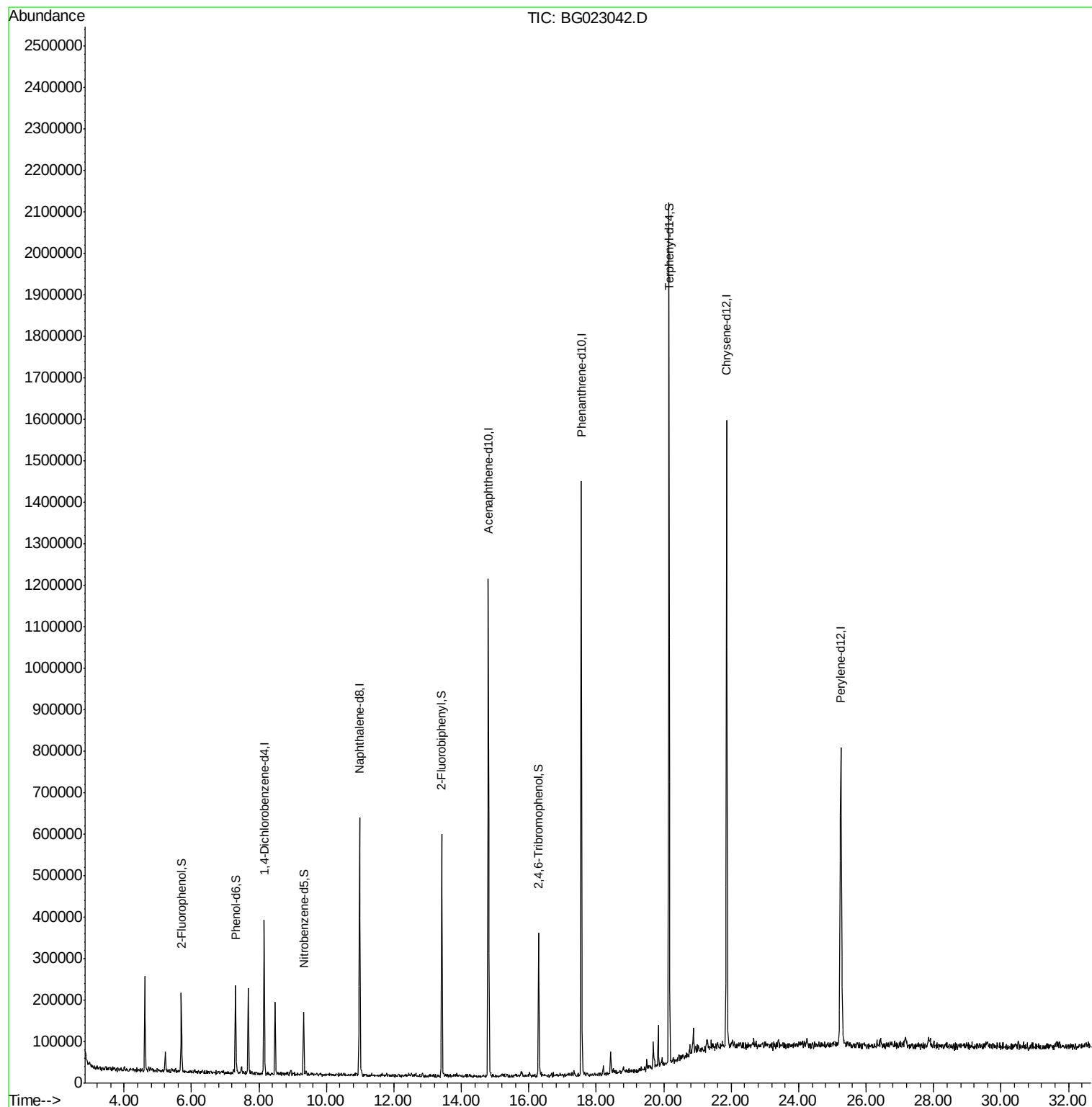
Target Compounds	Qvalue
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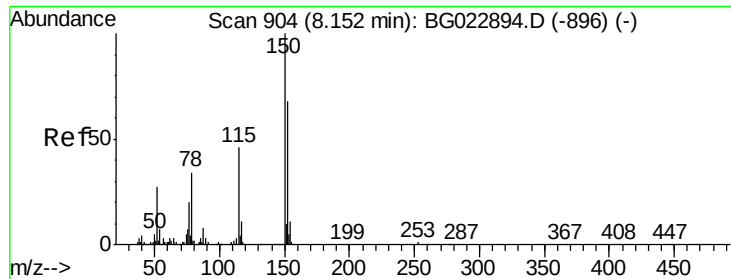
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023042.D

Acq: 12 Jul 2016 18:45

Instrument :

BNA_G

ClientSampleId :

HSR-WC-58-070716RE

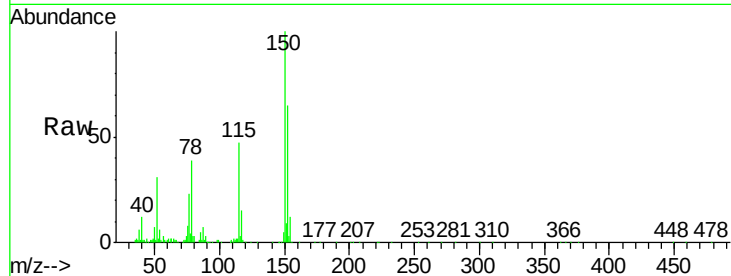
Tgt Ion:152 Resp: 96082

Ion Ratio Lower Upper

152 100

150 153.7 144.7 217.1

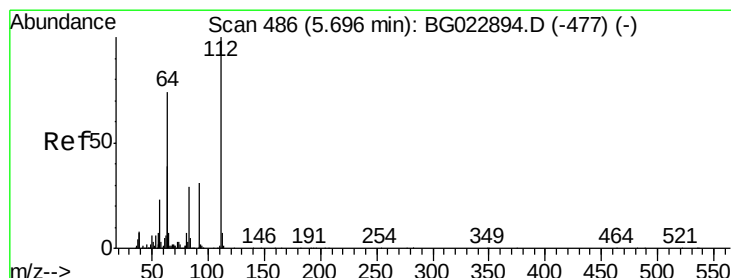
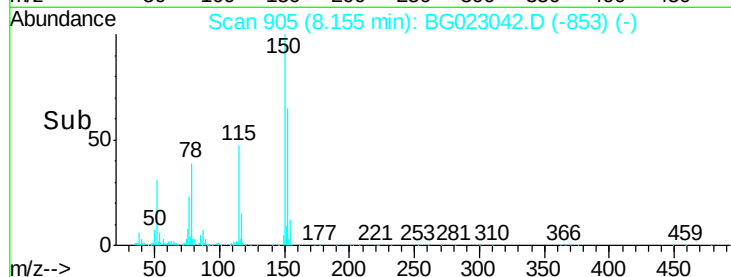
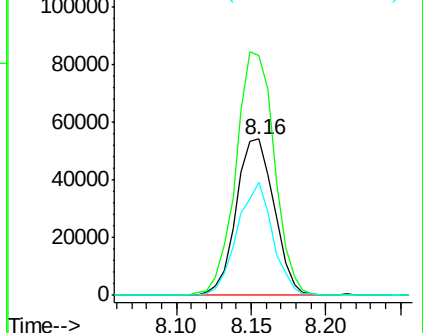
115 72.1 64.0 96.0



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: 12.94 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.00 min

Lab File: BG023042.D

Acq: 12 Jul 2016 18:45

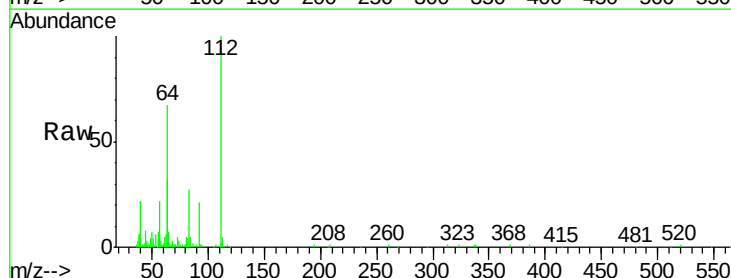
Tgt Ion:112 Resp: 76033

Ion Ratio Lower Upper

112 100

64 67.1 59.0 88.4

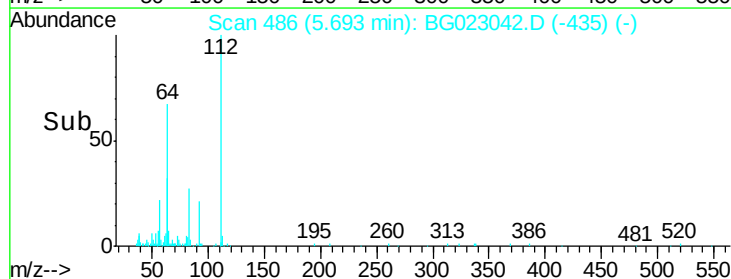
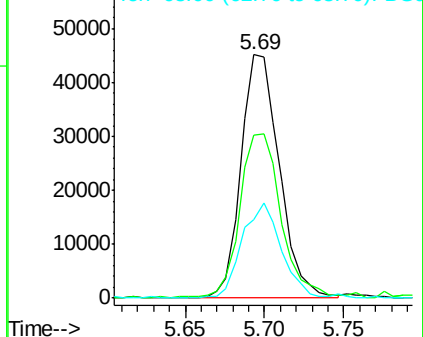
63 32.5 37.8 56.8#

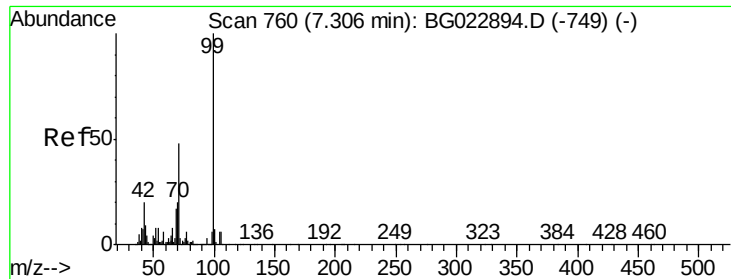


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 14.41 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023042.D

Acq: 12 Jul 2016 18:45

Instrument :

BNA_G

ClientSampleId :

HSR-WC-58-070716RE

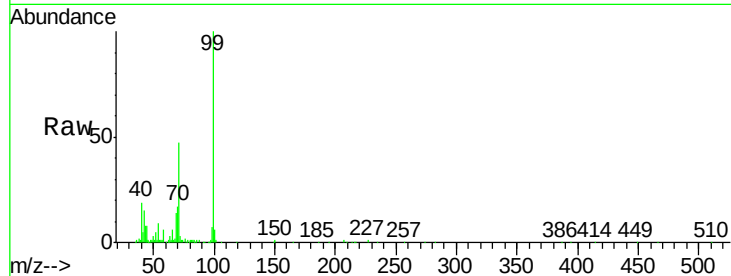
Tgt Ion: 99 Resp: 132588

Ion Ratio Lower Upper

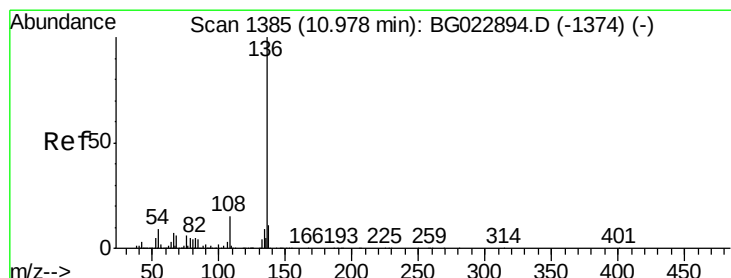
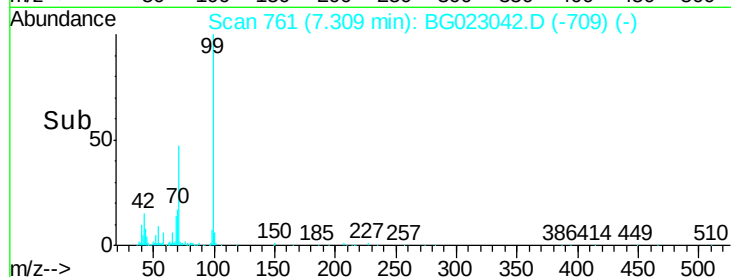
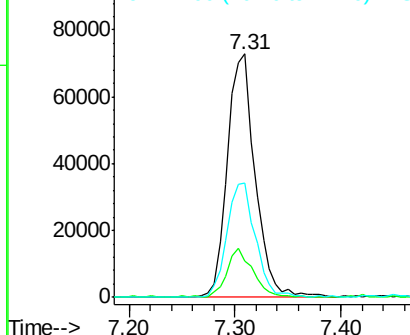
99 100

42 14.7 17.8 26.6#

71 46.7 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# 1386

Delta R.T. 0.00 min

Lab File: BG023042.D

Acq: 12 Jul 2016 18:45

Tgt Ion: 136 Resp: 482710

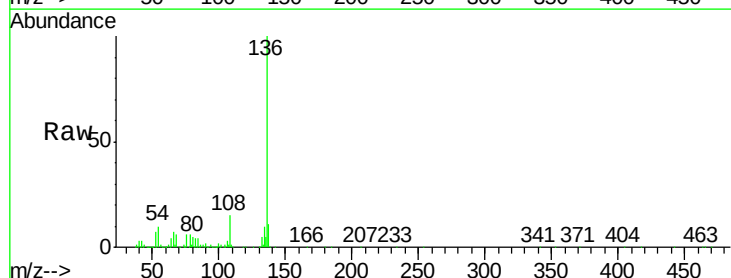
Ion Ratio Lower Upper

136 100

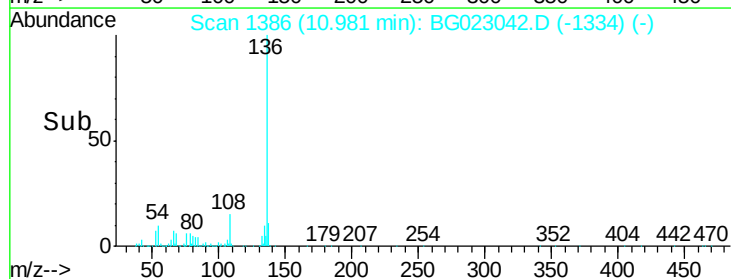
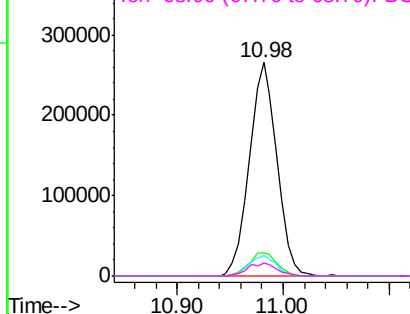
137 10.8 9.6 14.4

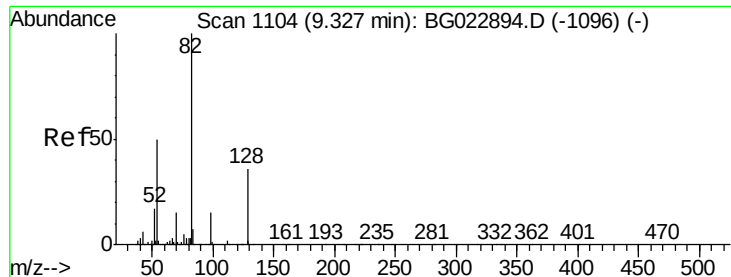
54 9.9 7.3 10.9

68 6.1 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

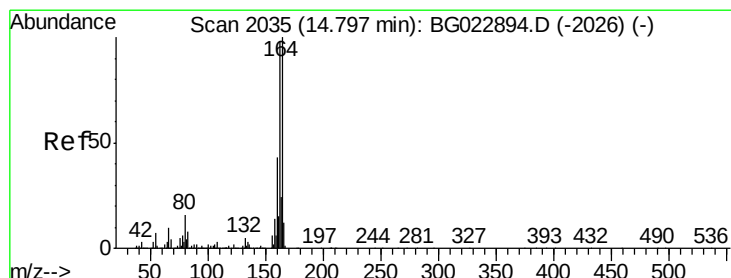
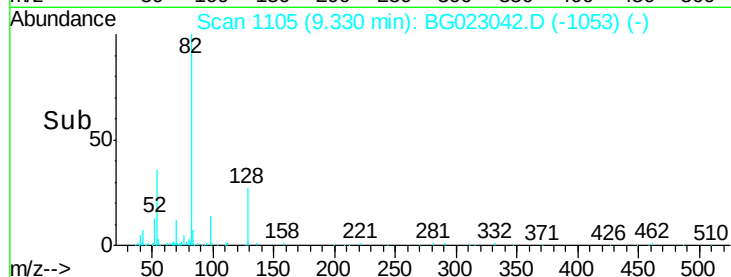
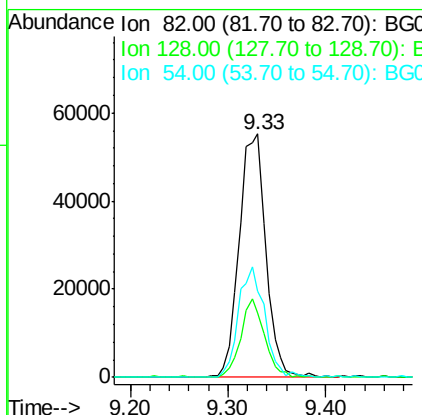
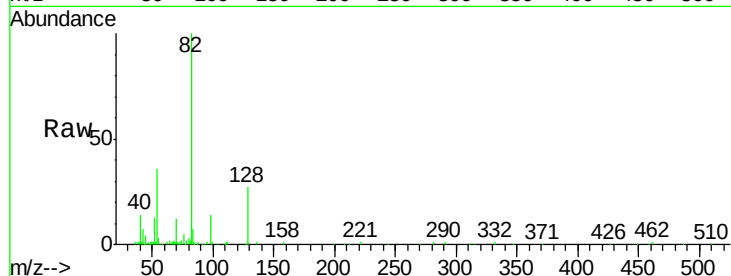




#23
 Nitrobenzene-d5
 Concen: 9.32 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023042.D
 Acq: 12 Jul 2016 18:45

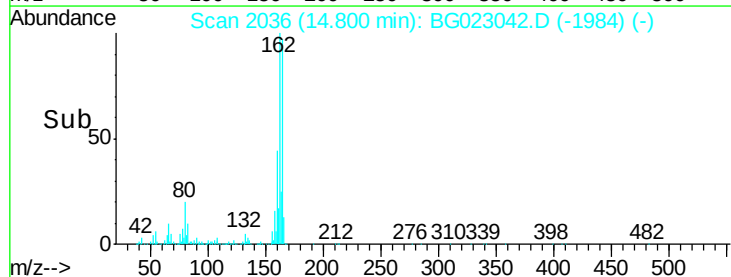
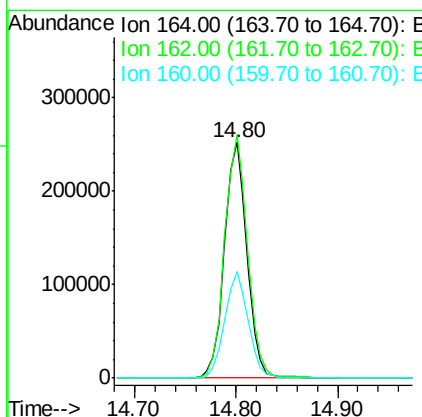
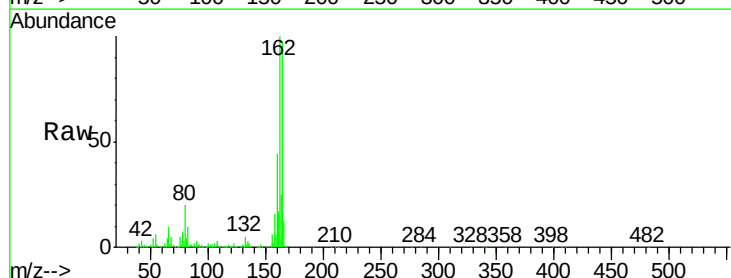
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-58-070716RE

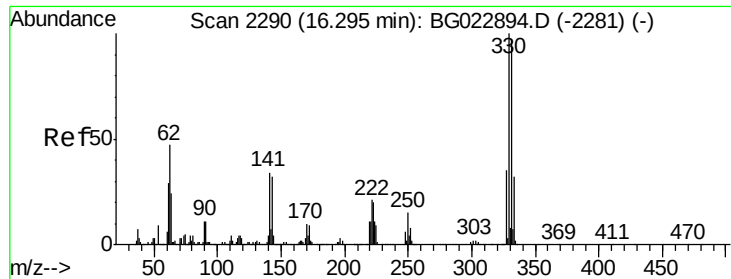
Tgt Ion: 82 Resp: 105027
 Ion Ratio Lower Upper
 82 100
 128 26.6 24.4 36.6
 54 35.6 41.4 62.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023042.D
 Acq: 12 Jul 2016 18:45

Tgt Ion: 164 Resp: 389316
 Ion Ratio Lower Upper
 164 100
 162 103.3 87.7 131.5
 160 45.3 37.2 55.8

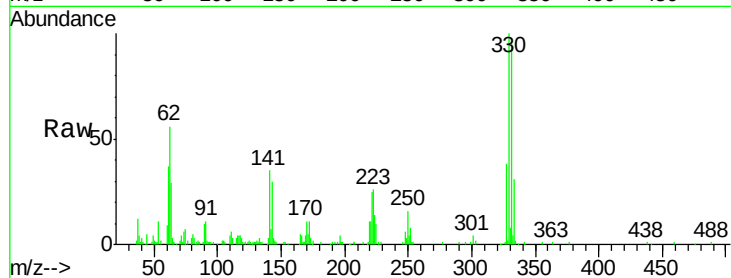




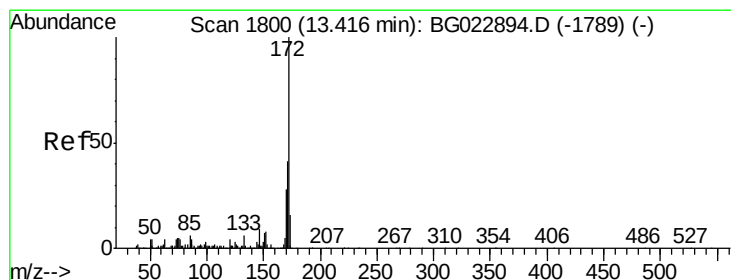
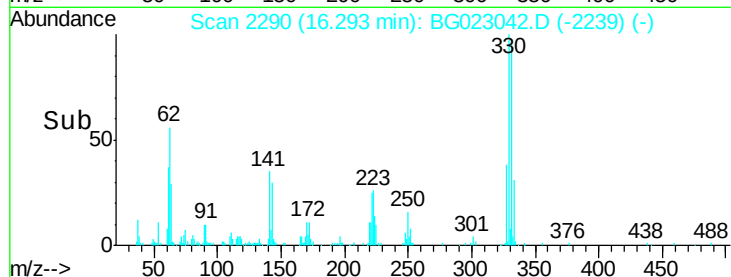
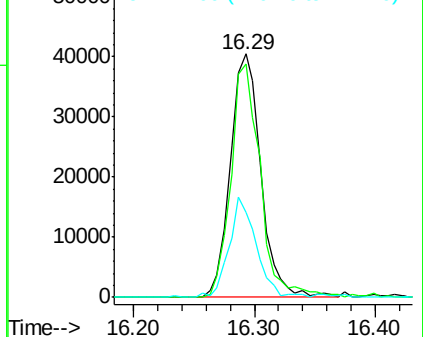
#41
2,4,6-Tribromophenol
Concen: 10.20 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG023042.D
Acq: 12 Jul 2016 18:45

Instrument :
BNA_G
ClientSampleId :
HSR-WC-58-070716RE

Tgt Ion:330 Resp: 71359
Ion Ratio Lower Upper
330 100
332 92.6 77.4 116.2
141 35.9 31.7 47.5

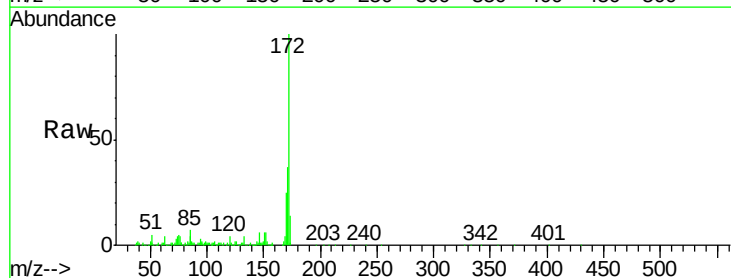


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

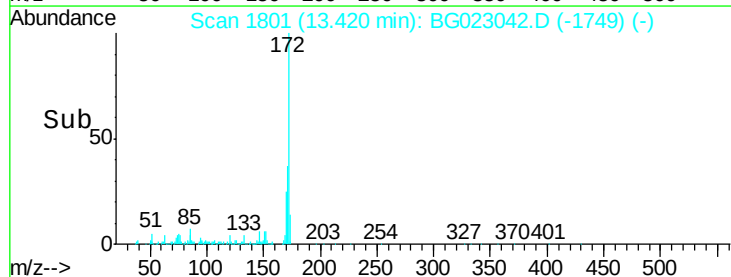
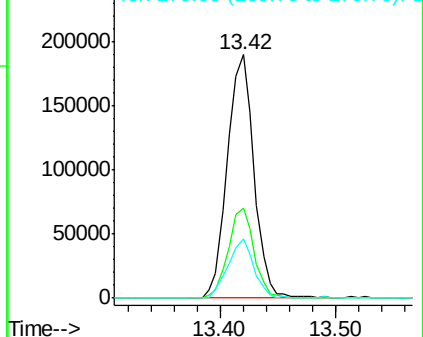


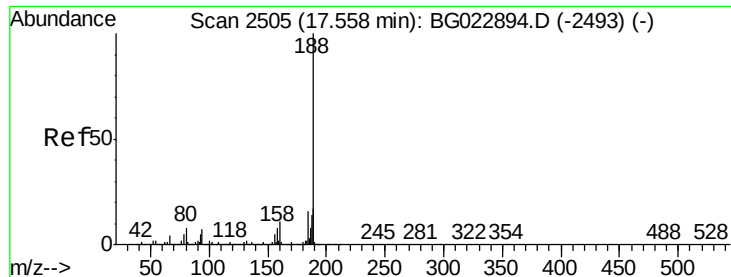
#44
2-Fluorobiphenyl
Concen: 12.31 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023042.D
Acq: 12 Jul 2016 18:45

Tgt Ion:172 Resp: 304223
Ion Ratio Lower Upper
172 100
171 36.7 31.6 47.4
170 24.6 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: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023042.D

Acq: 12 Jul 2016 18:45

Instrument :

BNA_G

ClientSampleId :

HSR-WC-58-070716RE

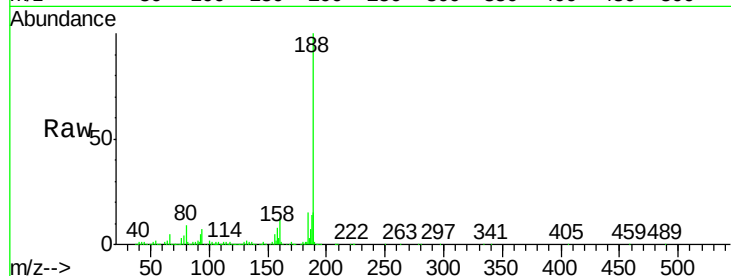
Tgt Ion:188 Resp: 897805

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

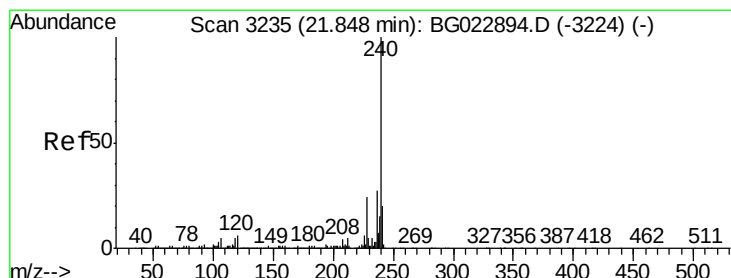
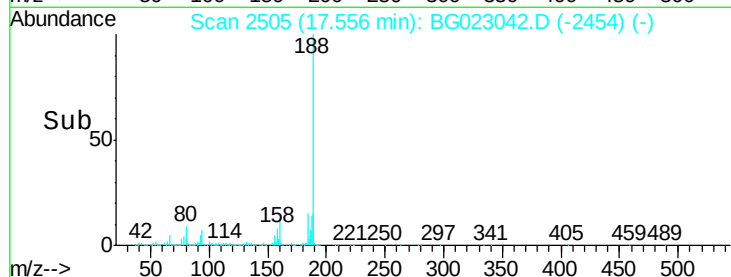
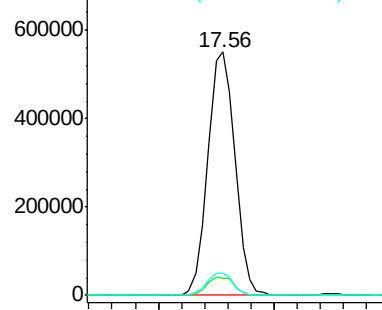
80 9.3 7.2 10.8



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: 21.86 min Scan# 3238

Delta R.T. 0.02 min

Lab File: BG023042.D

Acq: 12 Jul 2016 18:45

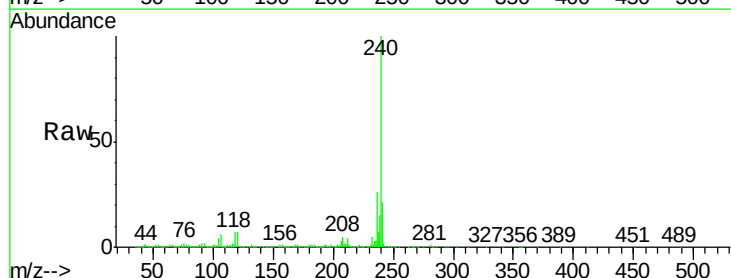
Tgt Ion:240 Resp: 965508

Ion Ratio Lower Upper

240 100

120 7.0 4.1 6.1#

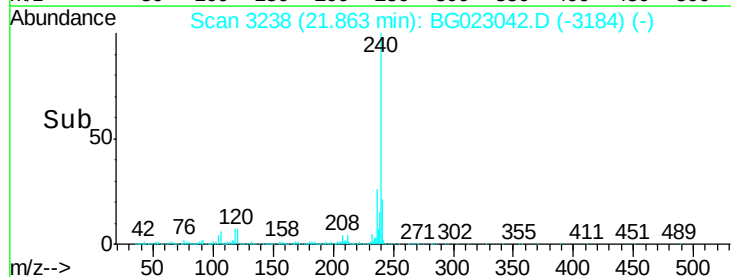
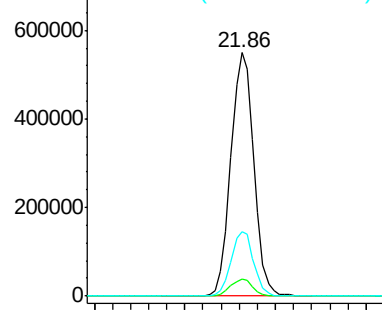
236 26.5 21.1 31.7

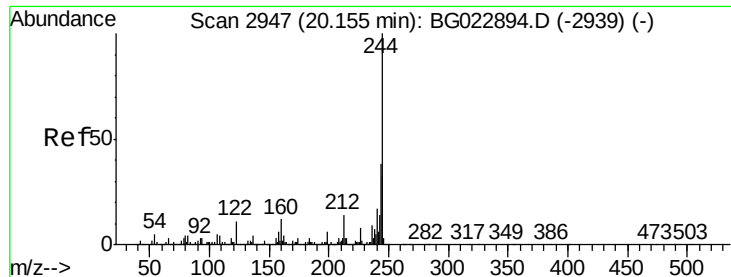


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 19.68 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023042.D

Acq: 12 Jul 2016 18:45

Instrument :

BNA_G

ClientSampleId :

HSR-WC-58-070716RE

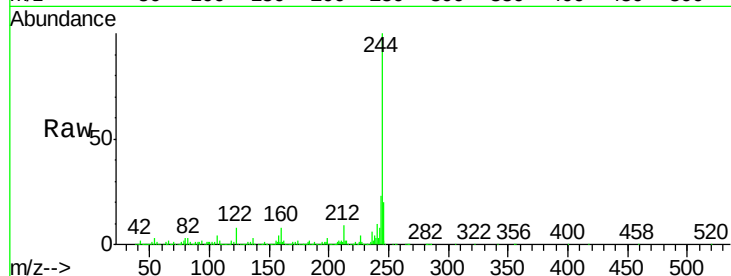
Tgt Ion:244 Resp: 897123

Ion Ratio Lower Upper

244 100

212 9.4 10.8 16.2#

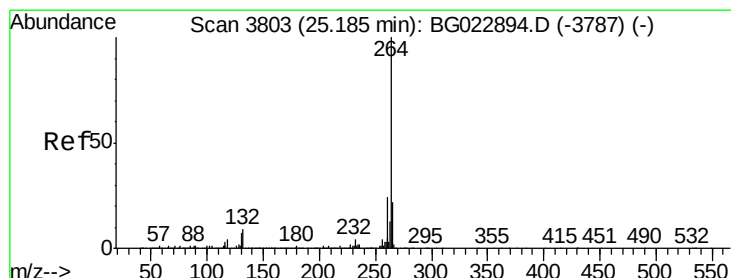
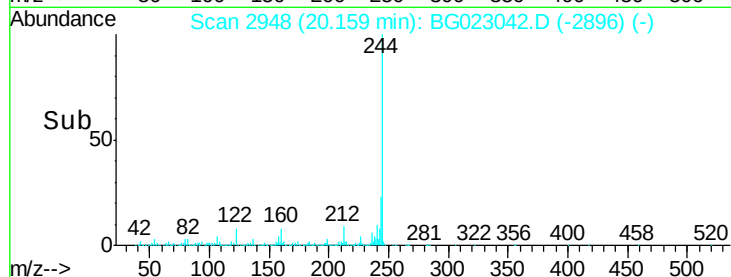
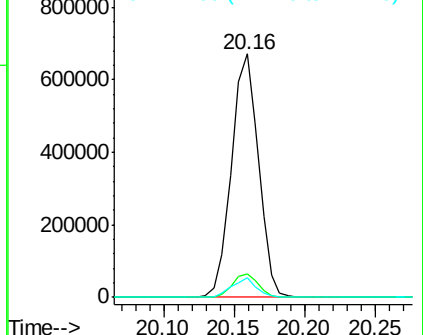
122 8.0 8.0 12.0



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: 25.25 min Scan# 3814

Delta R.T. 0.06 min

Lab File: BG023042.D

Acq: 12 Jul 2016 18:45

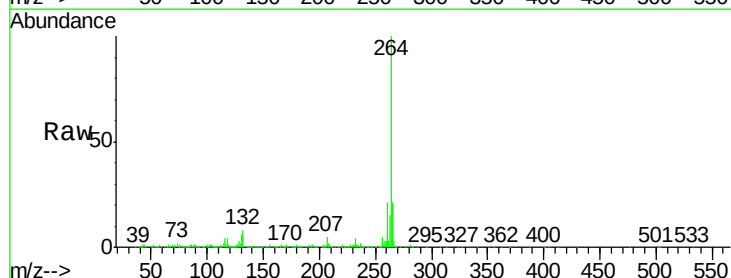
Tgt Ion:264 Resp: 860684

Ion Ratio Lower Upper

264 100

260 21.0 18.4 27.6

265 21.1 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

