

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026391.D
 Acq On : 23 Mar 2017 1:13
 Operator : SJ/MA
 Sample : I2351-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-001

Quant Time: Mar 23 01:49:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	142738	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	580156	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	353106	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	855465	20.00	ng	0.00
75) Chrysene-d12	21.62	240	1008808	20.00	ng	-0.01
86) Perylene-d12	24.80	264	948629	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	222747	27.70	ng	0.00
7) Phenol-d6	7.20	99	175667	16.27	ng	0.00
23) Nitrobenzene-d5	9.20	82	713147	73.91	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	336709	83.27	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2064952	82.01	ng	0.00
78) Terphenyl-d14	19.98	244	2557773	61.58	ng	0.00

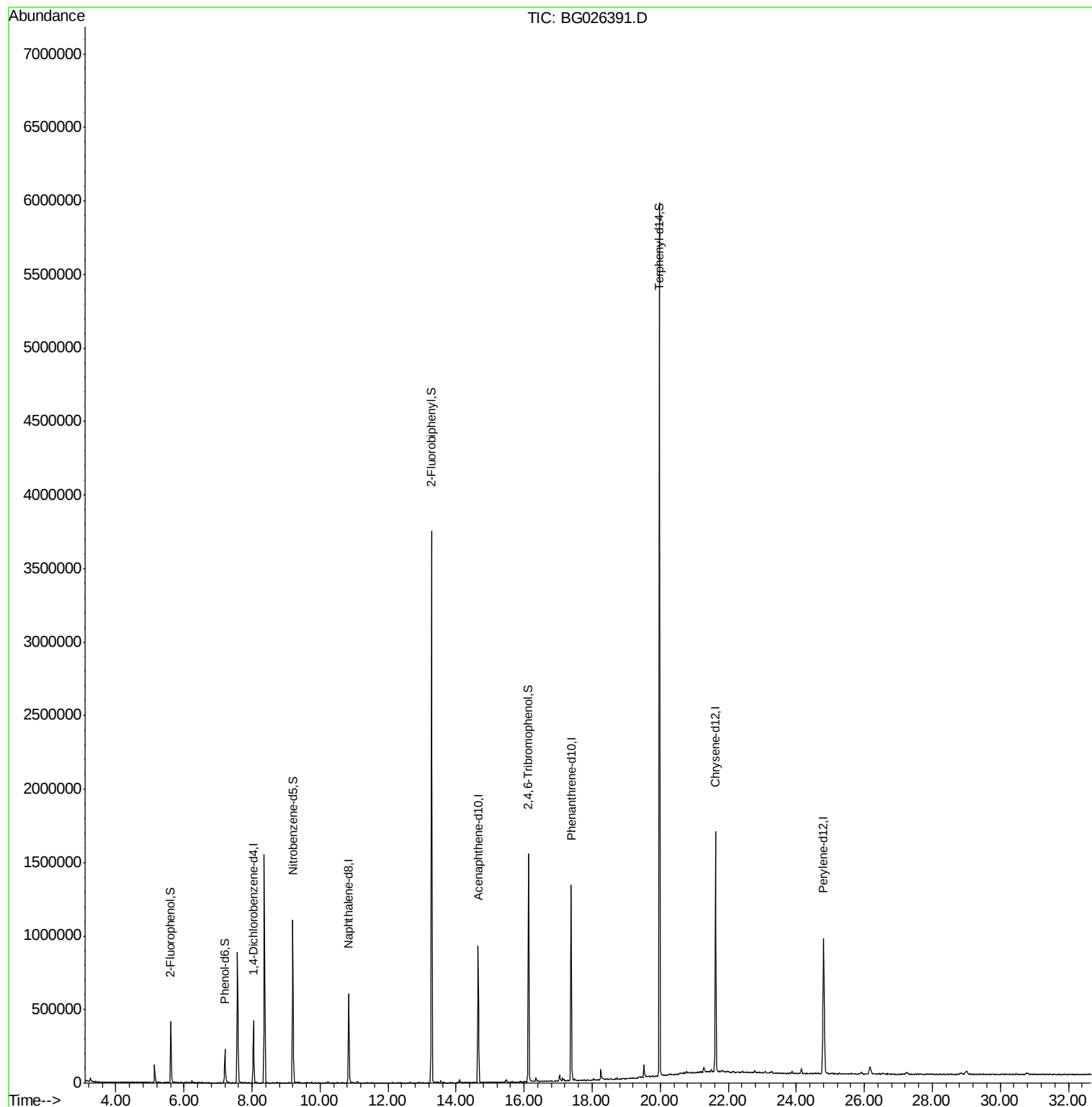
Target Compounds Qvalue

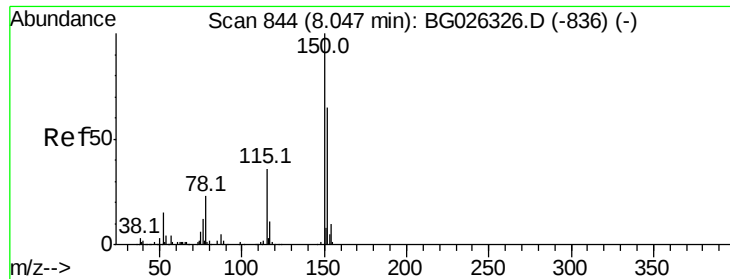
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG026391.D

Acq: 23 Mar 2017 1:13

Instrument :

BNA_G

ClientSampleId :

MANHOLE-001

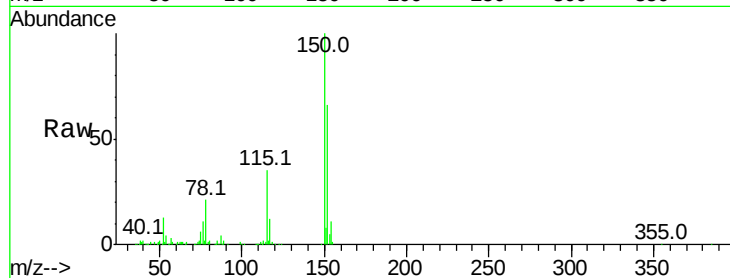
Tot Ion:152 Resp: 142738

Ion Ratio Lower Upper

152 100

150 152.5 114.0 171.0

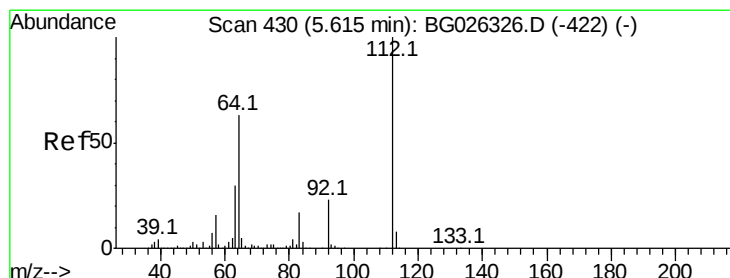
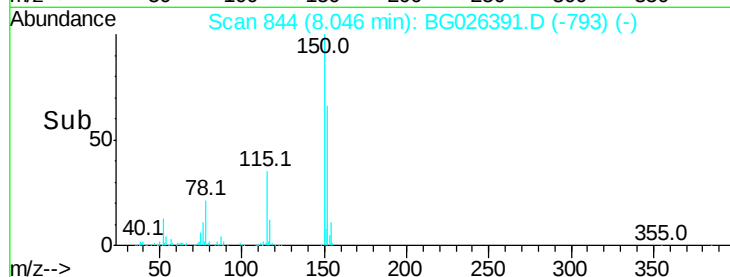
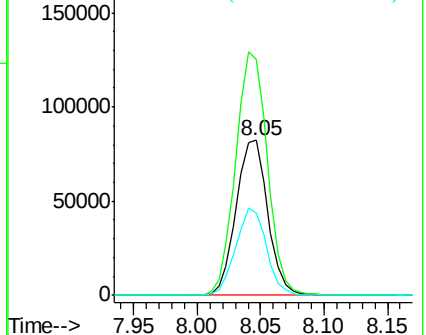
115 52.9 48.1 72.1



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: 27.70 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026391.D

Acq: 23 Mar 2017 1:13

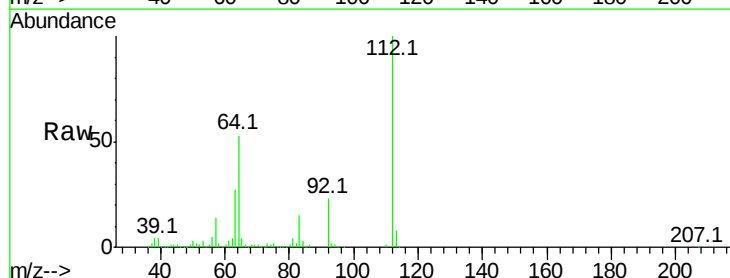
Tgt Ion:112 Resp: 222747

Ion Ratio Lower Upper

112 100

64 53.0 61.8 92.6#

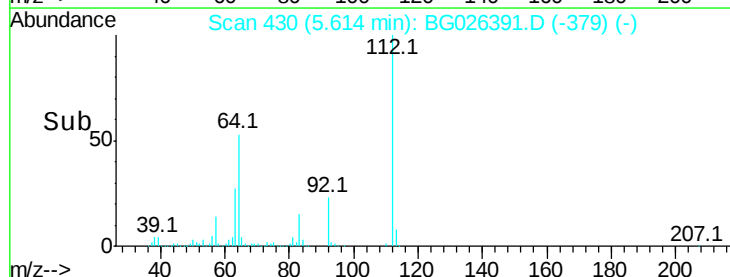
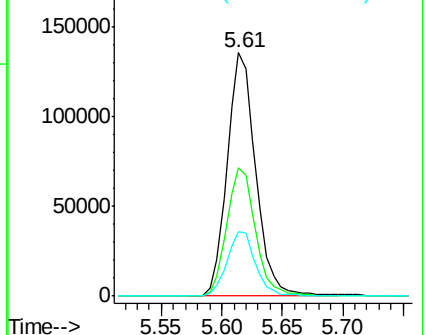
63 26.6 37.2 55.8#

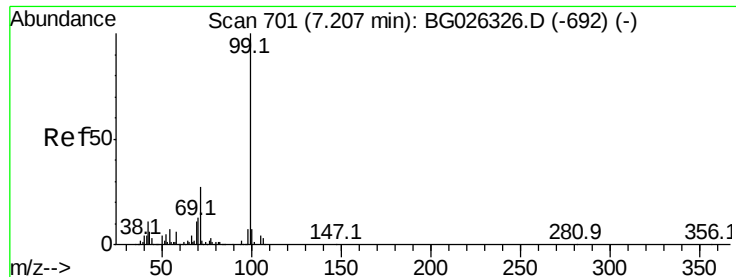


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 16.27 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026391.D

Acq: 23 Mar 2017 1:13

Instrument :

BNA_G

ClientSampleId :

MANHOLE-001

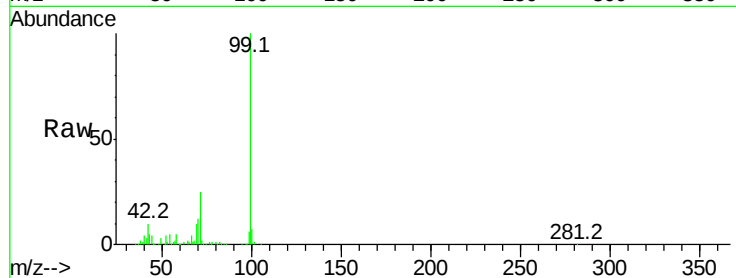
Tot Ion: 99 Resp: 175667

Ion Ratio Lower Upper

99 100

42 10.2 20.5 30.7#

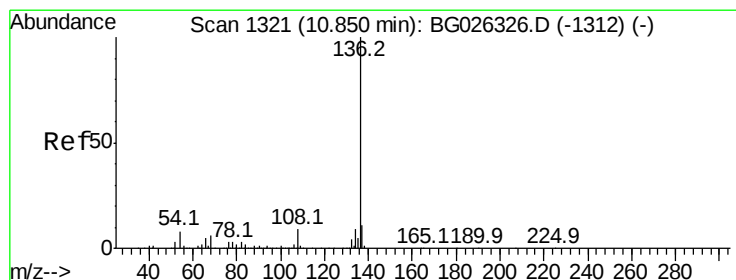
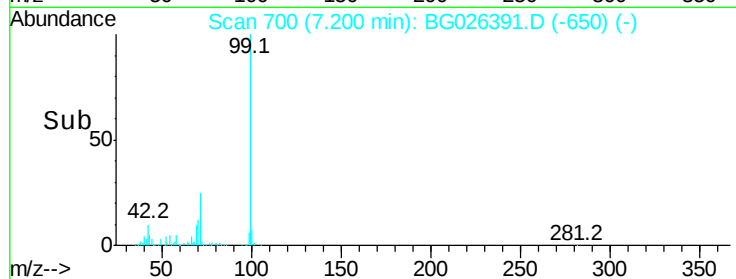
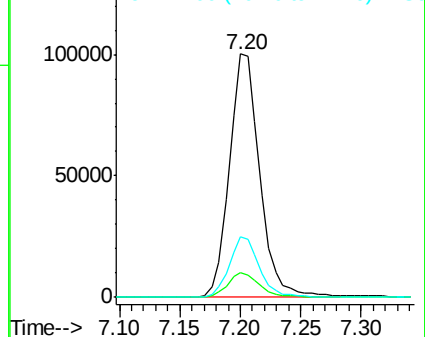
71 24.8 37.6 56.4#



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: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026391.D

Acq: 23 Mar 2017 1:13

Tgt Ion: 136 Resp: 580156

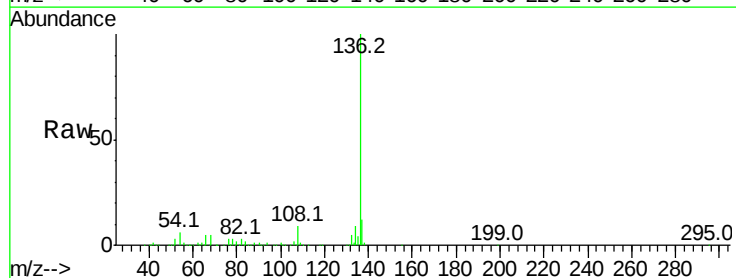
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 6.2 9.3 13.9#

68 5.2 5.1 7.7

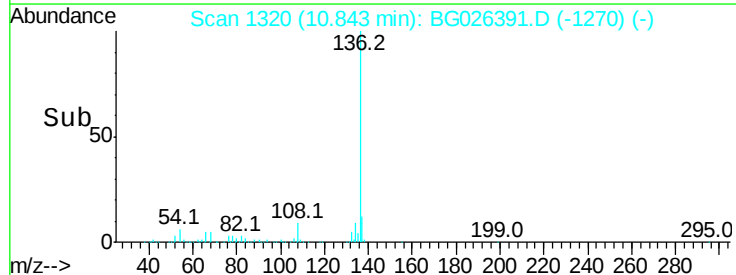
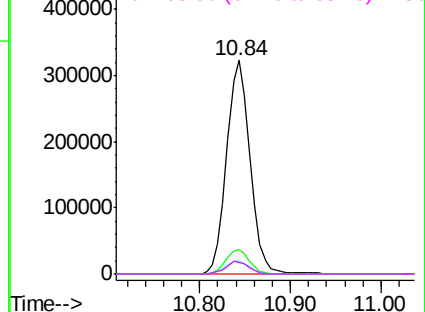


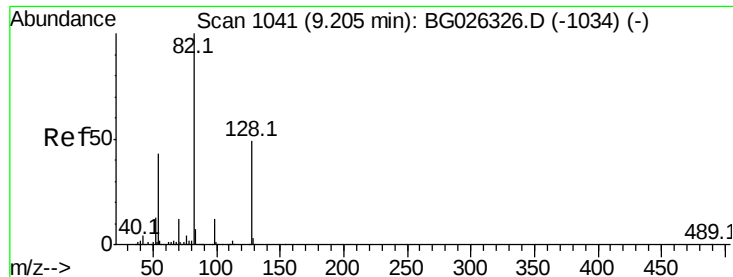
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

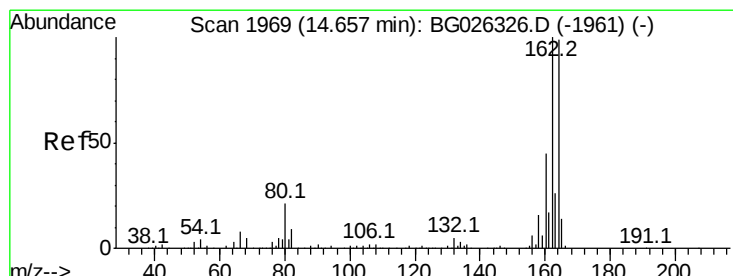
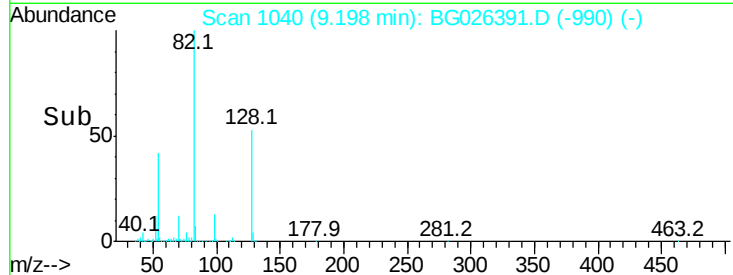
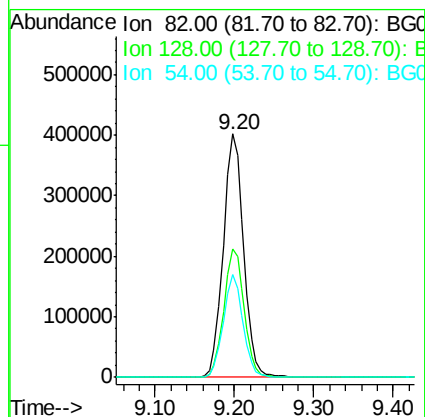
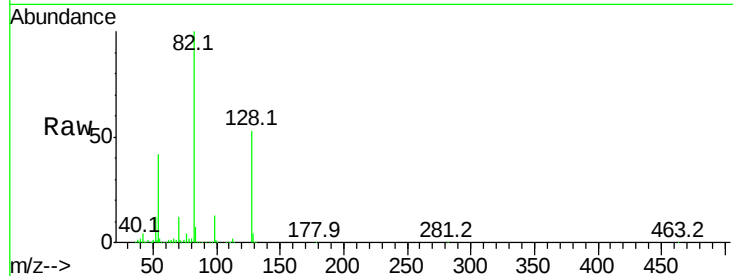




#23
 Nitrobenzene-d5
 Concen: 73.91 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026391.D
 Acq: 23 Mar 2017 1:13

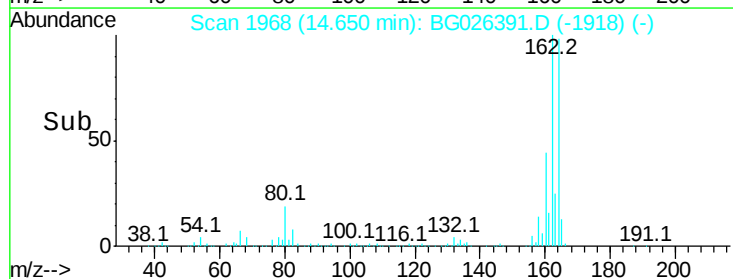
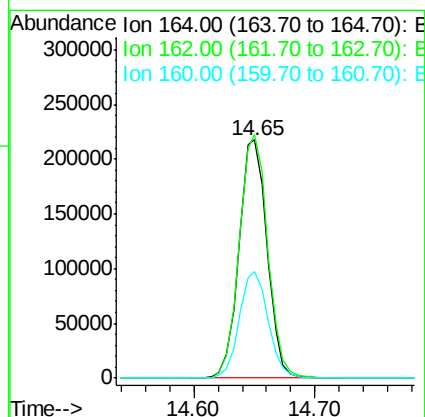
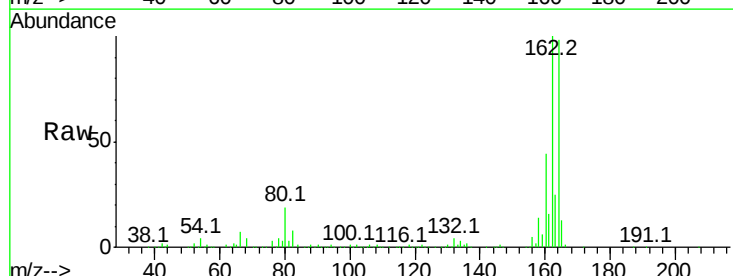
Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-001

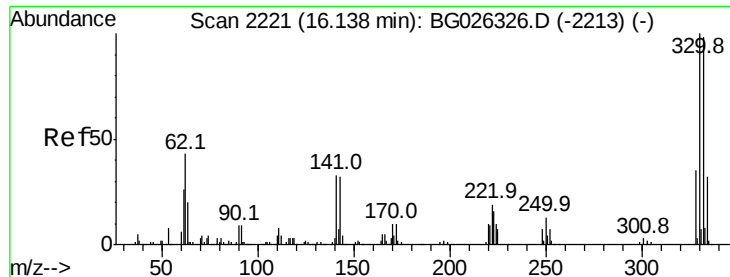
Tot Ion: 82 Resp: 713147
 Ion Ratio Lower Upper
 82 100
 128 53.0 26.4 39.6#
 54 42.1 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026391.D
 Acq: 23 Mar 2017 1:13

Tgt Ion:164 Resp: 353106
 Ion Ratio Lower Upper
 164 100
 162 102.2 85.1 127.7
 160 44.7 34.7 52.1

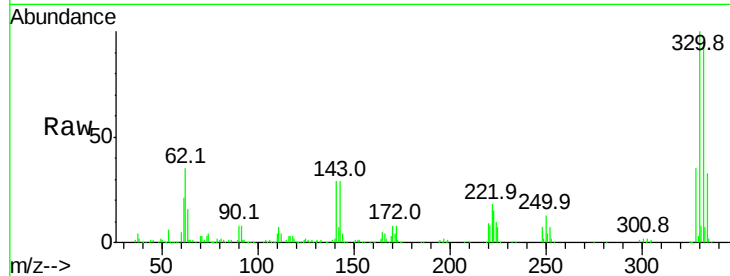




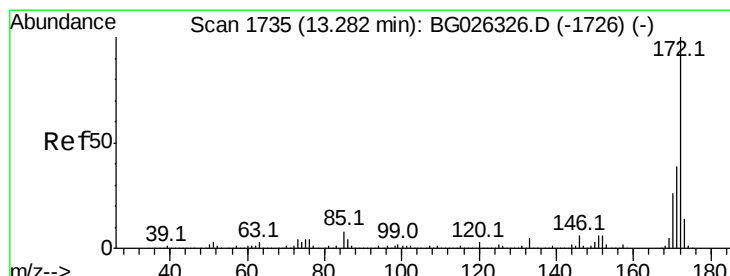
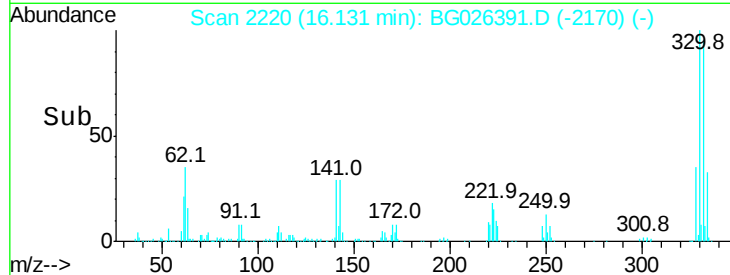
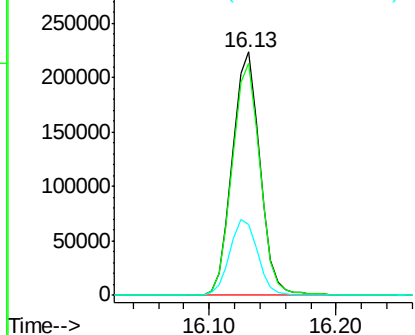
#41
 2,4,6-Tribromophenol
 Concen: 83.27 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026391.D
 Acq: 23 Mar 2017 1:13

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-001

Tot Ion:330 Resp: 336709
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 32.0 32.1 48.1#

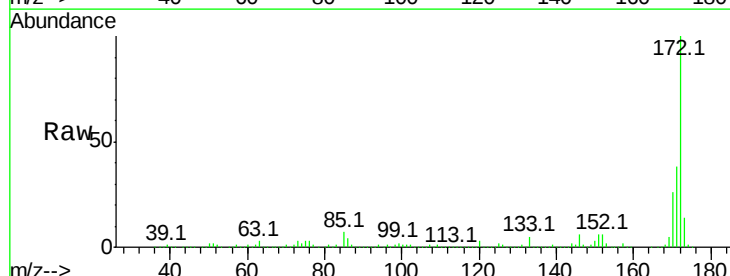


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

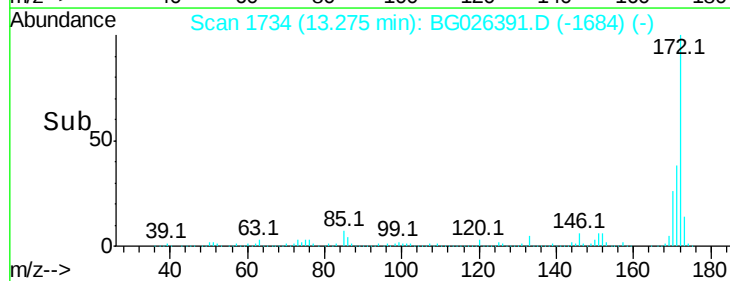
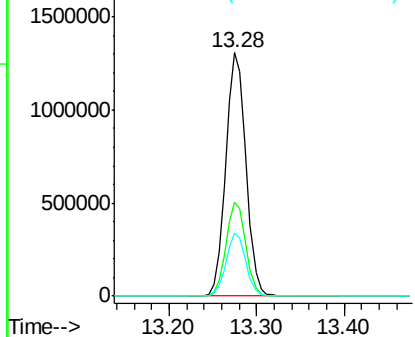


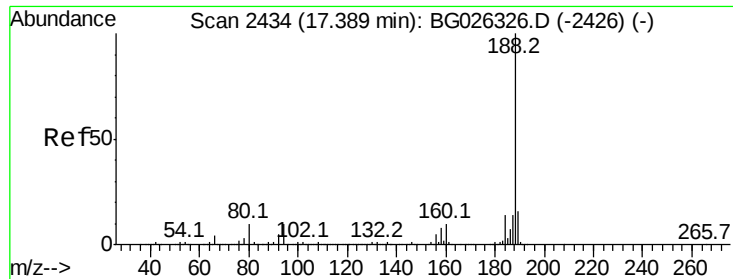
#44
 2-Fluorobiphenyl
 Concen: 82.01 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026391.D
 Acq: 23 Mar 2017 1:13

Tgt Ion:172 Resp: 2064952
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 25.8 21.8 32.6



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

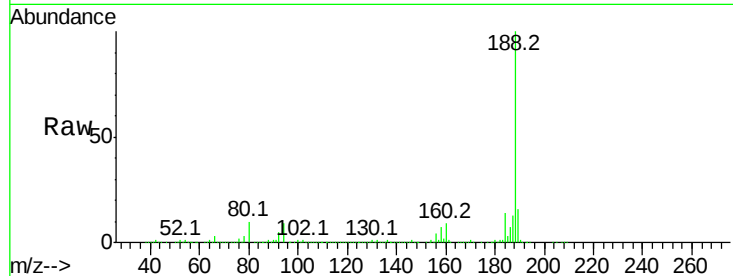




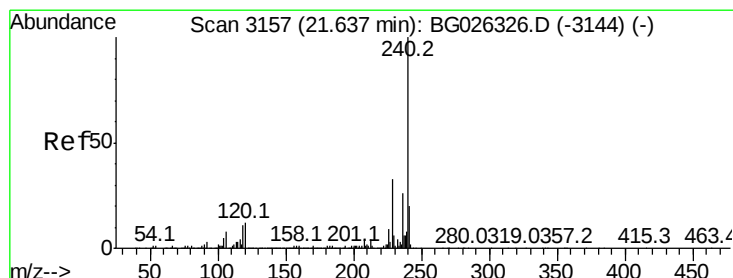
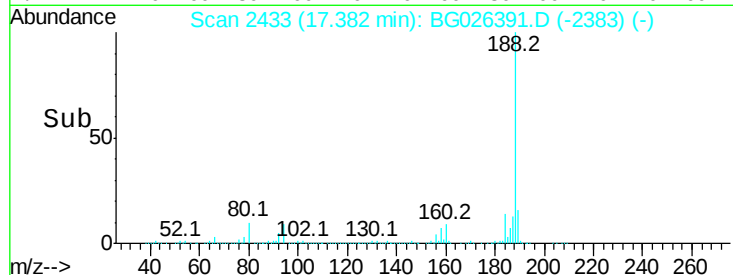
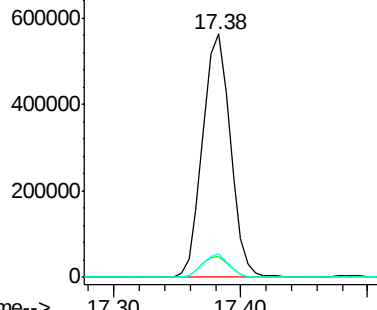
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026391.D
Acq: 23 Mar 2017 1:13

Instrument :
BNA_G
ClientSampleId :
MANHOLE-001

Tot Ion:188 Resp: 855465
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.8
80 9.6 7.5 11.3

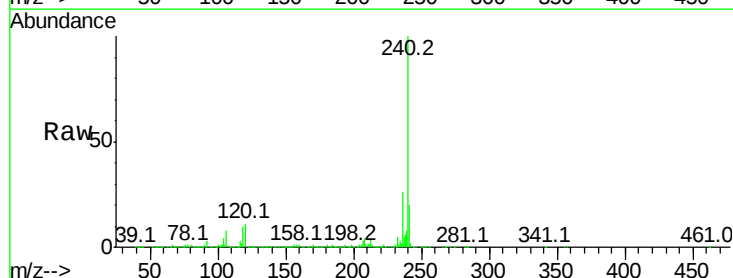


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

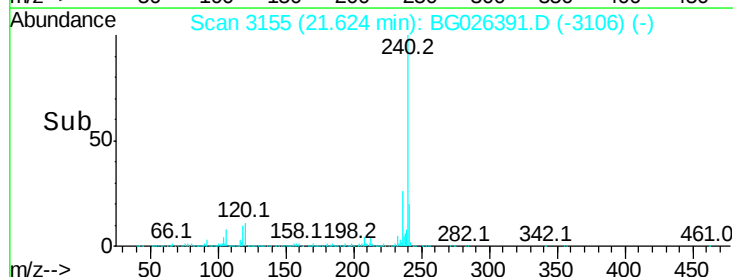
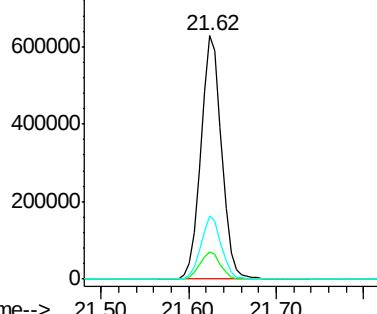


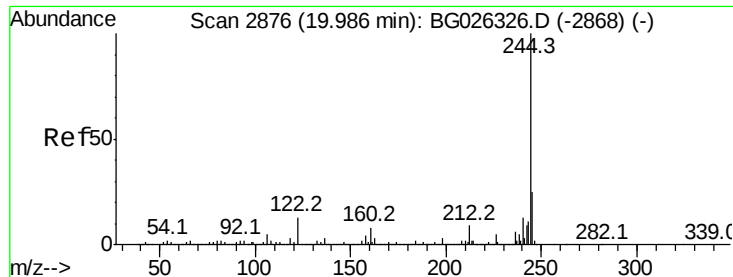
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026391.D
Acq: 23 Mar 2017 1:13

Tgt Ion:240 Resp: 1008808
Ion Ratio Lower Upper
240 100
120 11.1 5.7 8.5#
236 26.0 22.2 33.4



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: 61.58 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026391.D

Acq: 23 Mar 2017 1:13

Instrument :

BNA_G

ClientSampleId :

MANHOLE-001

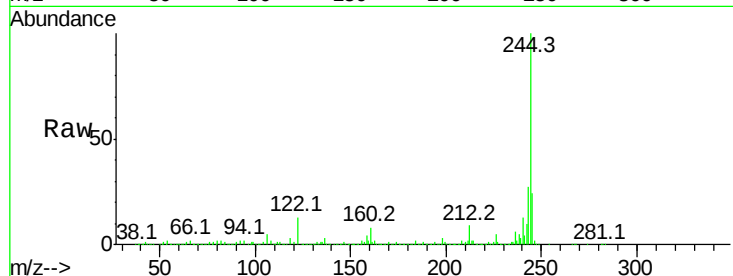
Tot Ion:244 Resp: 2557773

Ion Ratio Lower Upper

244 100

212 8.6 10.0 15.0#

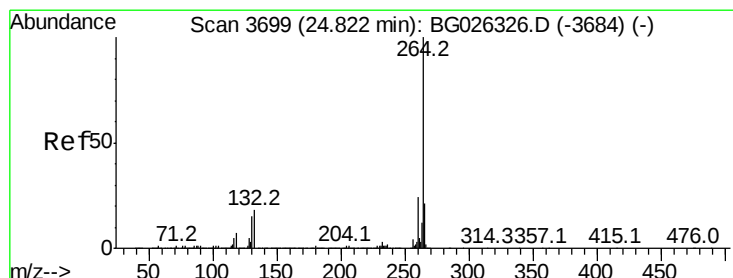
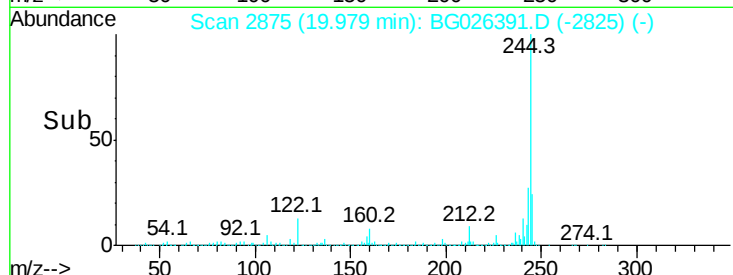
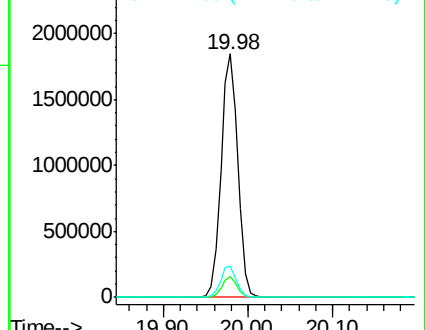
122 12.8 8.6 12.8



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: 24.80 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026391.D

Acq: 23 Mar 2017 1:13

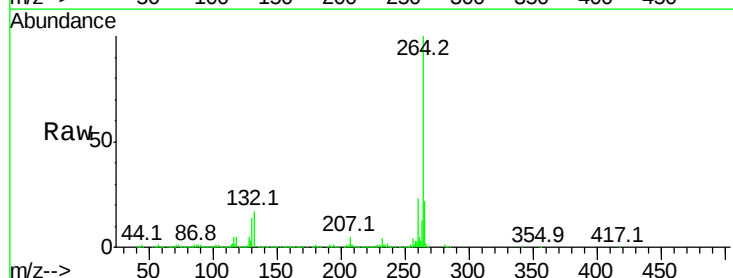
Tgt Ion:264 Resp: 948629

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 21.8 18.2 27.4



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

