

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\
 Data File : BG026421.D
 Acq On : 24 Mar 2017 19:11
 Operator : SJ/MA
 Sample : PB97800BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97800BL

Quant Time: Mar 24 23:10:18 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	146849	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	589003	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	335224	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	834735	20.00	ng	0.00
75) Chrysene-d12	21.62	240	1058469	20.00	ng	-0.01
86) Perylene-d12	24.81	264	970508	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1144616	138.35	ng	0.00
7) Phenol-d6	7.21	99	1439561	129.60	ng	0.00
23) Nitrobenzene-d5	9.20	82	755826	77.16	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	618721	161.17	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2113065	88.40	ng	0.00
78) Terphenyl-d14	19.98	244	3233014	74.18	ng	0.00

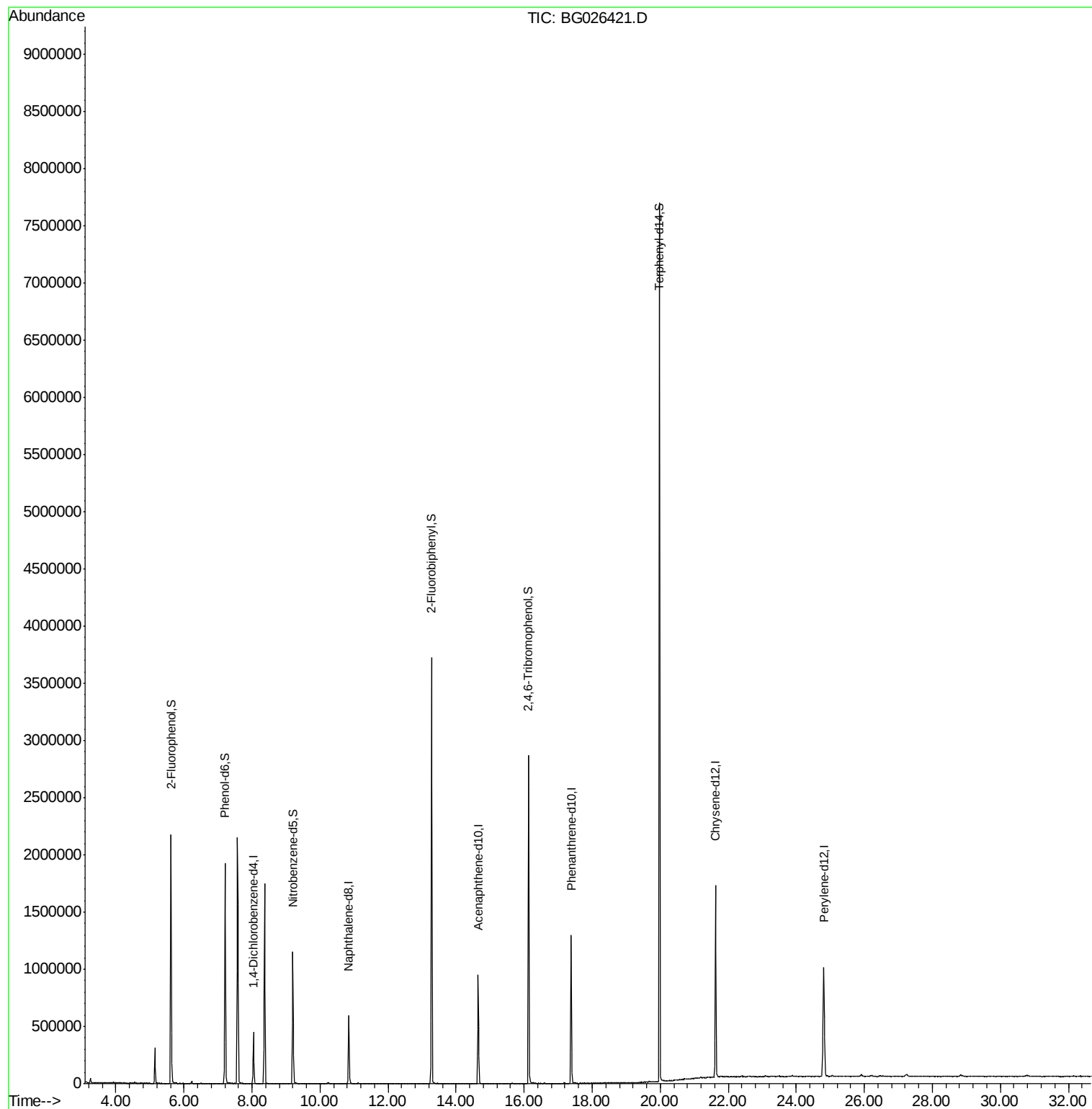
Target Compounds Qvalue

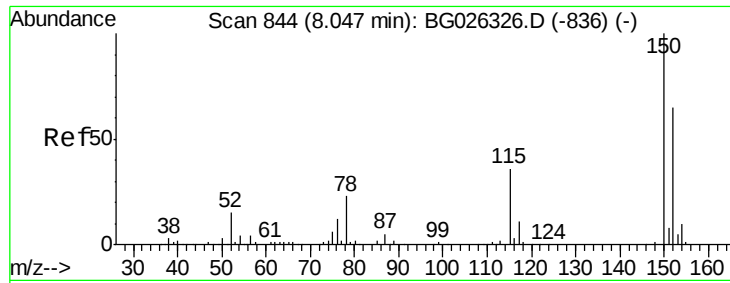
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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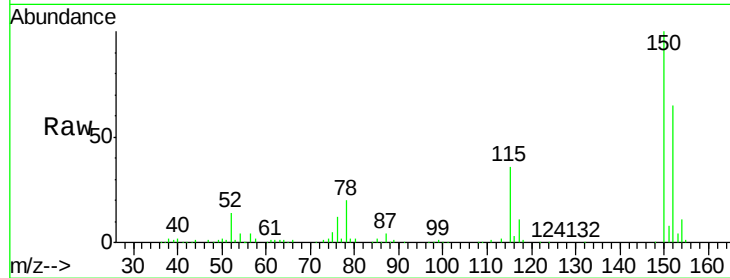


#1

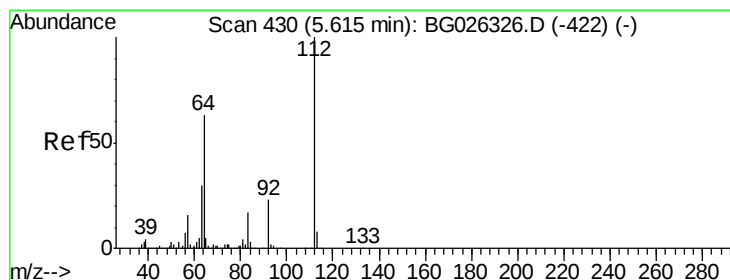
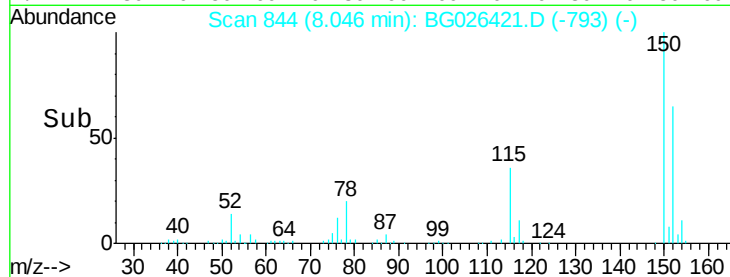
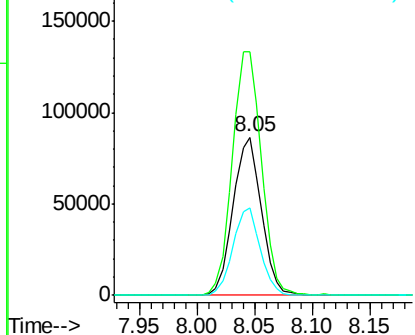
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG026421.D
Acq: 24 Mar 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97800BL

Tot Ion:152 Resp: 146849
Ion Ratio Lower Upper
152 100
150 153.8 114.0 171.0
115 55.3 48.1 72.1



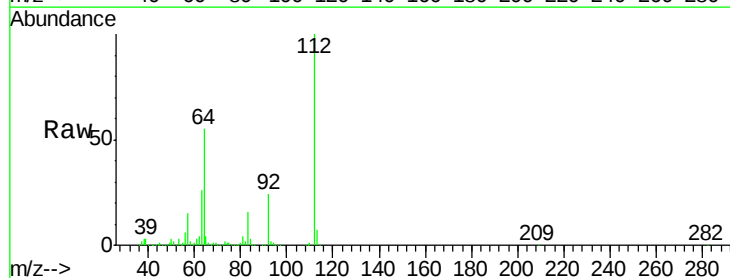
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



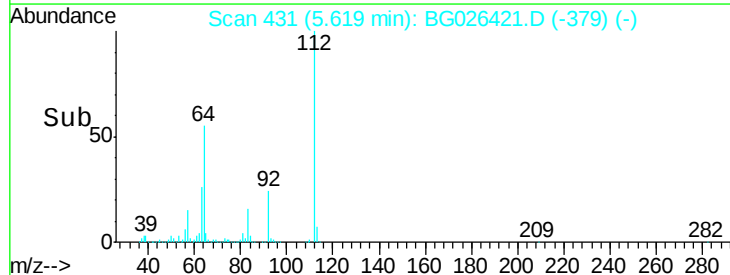
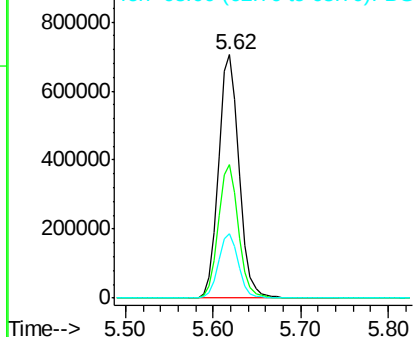
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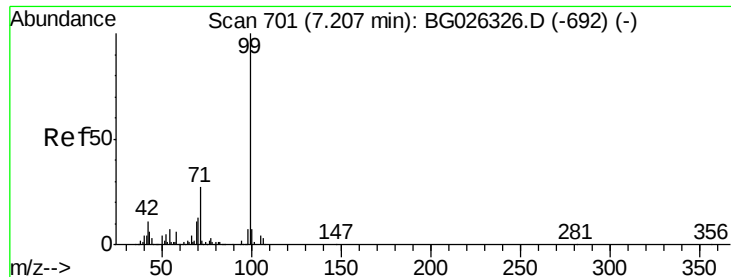
2-Fluorophenol
Concen: 138.35 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG026421.D
Acq: 24 Mar 2017 19:11

Tgt Ion:112 Resp: 1144616
Ion Ratio Lower Upper
112 100
64 55.0 61.8 92.6#
63 26.4 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: 129.60 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG026421.D

Acq: 24 Mar 2017 19:11

Instrument :

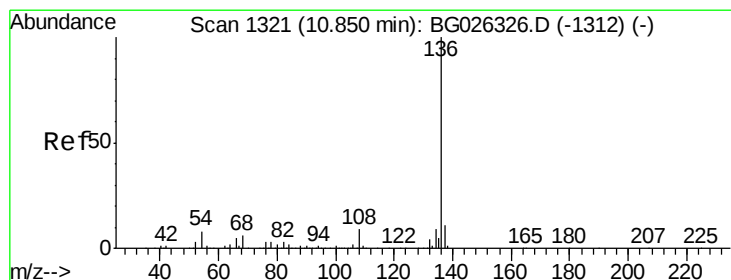
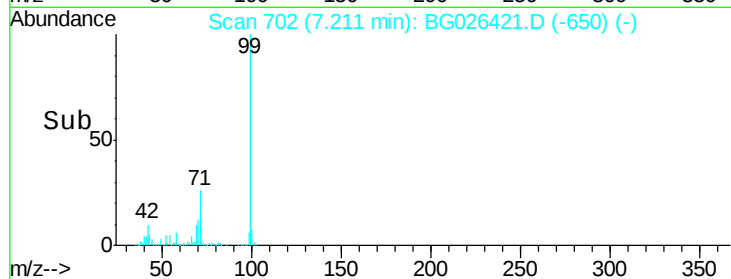
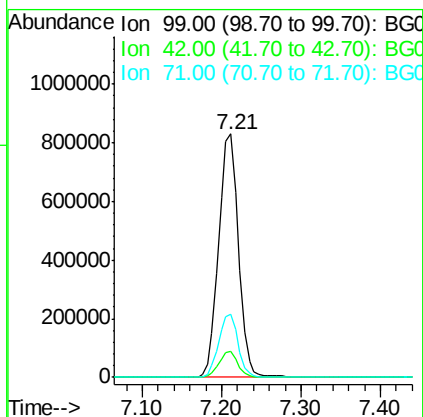
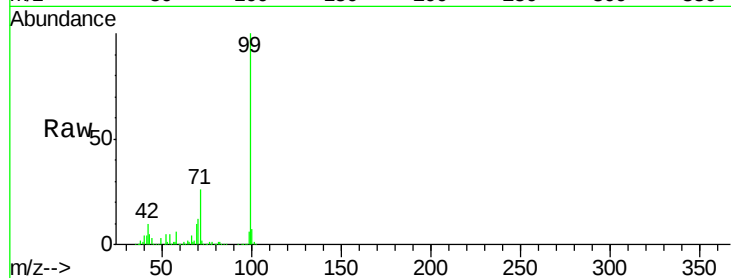
BNA_G

ClientSampled :

PB97800BL

Tot Ion: 99 Resp: 1439561

Ion	Ratio	Lower	Upper
99	100		
42	10.5	20.5	30.7#
71	25.9	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

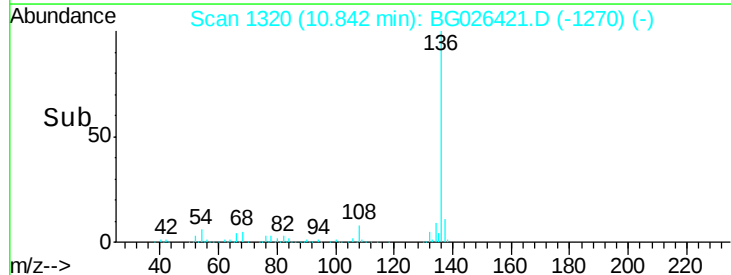
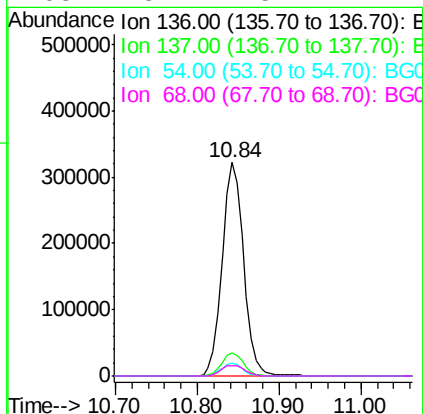
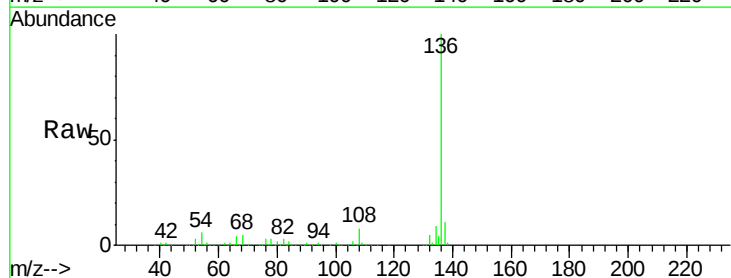
Delta R.T. -0.01 min

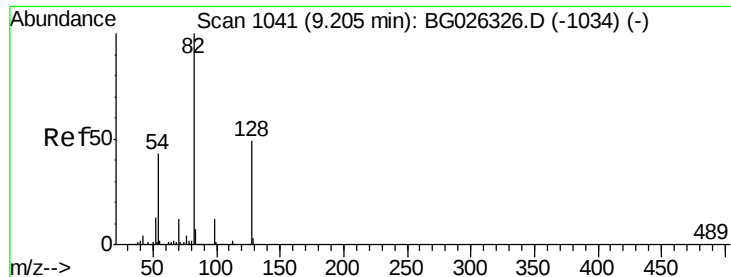
Lab File: BG026421.D

Acq: 24 Mar 2017 19:11

Tgt Ion: 136 Resp: 589003

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	9.3	13.9#
68	5.1	5.1	7.7#

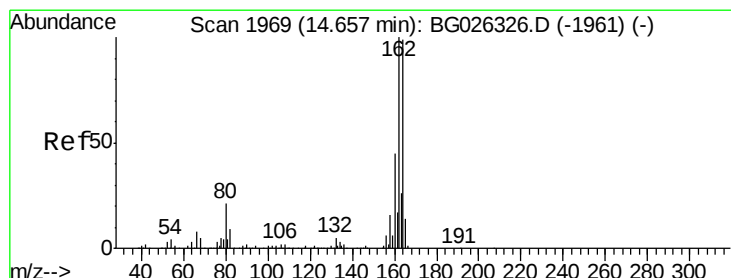
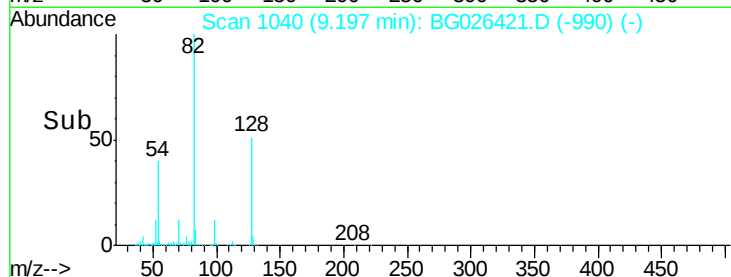
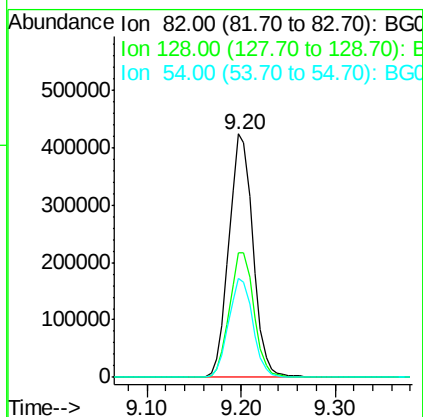
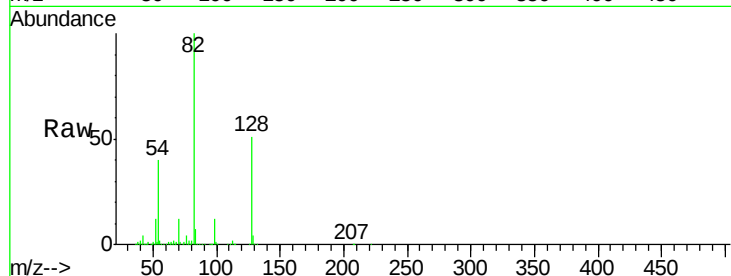




#23
 Nitrobenzene-d5
 Concen: 77.16 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026421.D
 Acq: 24 Mar 2017 19:11

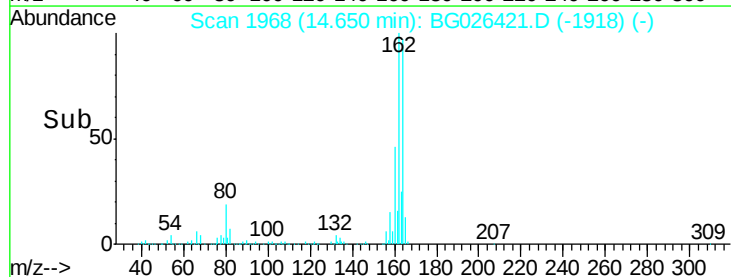
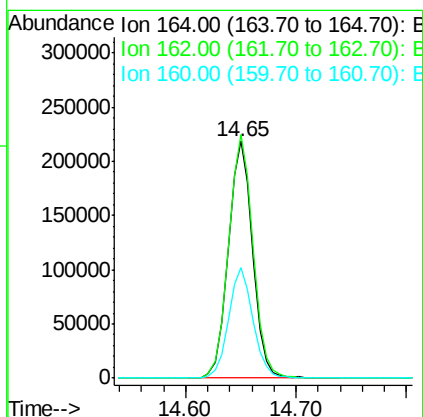
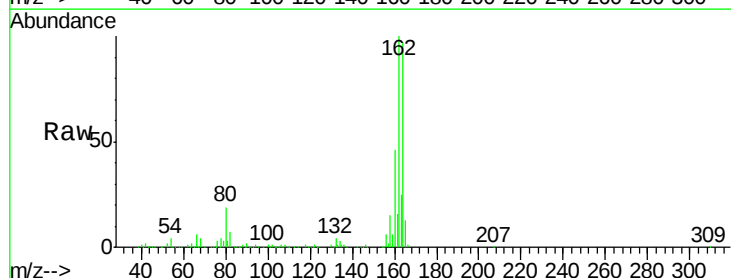
Instrument :
 BNA_G
 ClientSampled :
 PB97800BL

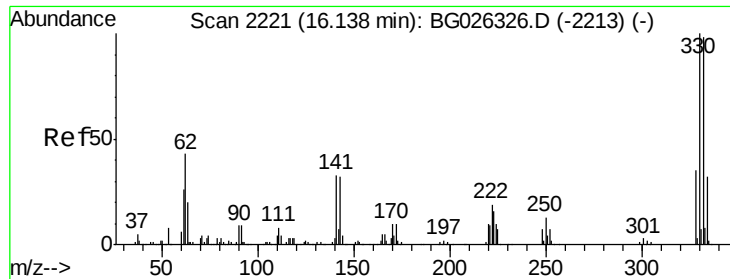
Tot Ion: 82 Resp: 755826
 Ion Ratio Lower Upper
 82 100
 128 51.4 26.4 39.6#
 54 40.4 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026421.D
 Acq: 24 Mar 2017 19:11

Tgt Ion: 164 Resp: 335224
 Ion Ratio Lower Upper
 164 100
 162 102.8 85.1 127.7
 160 46.8 34.7 52.1

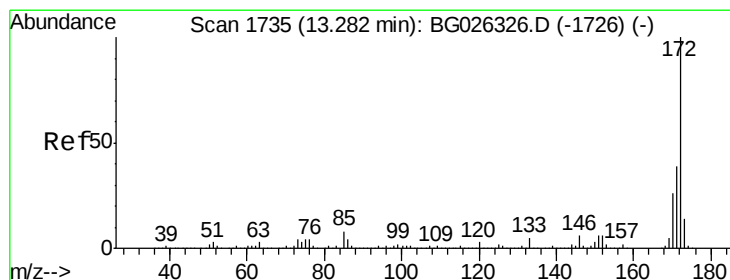
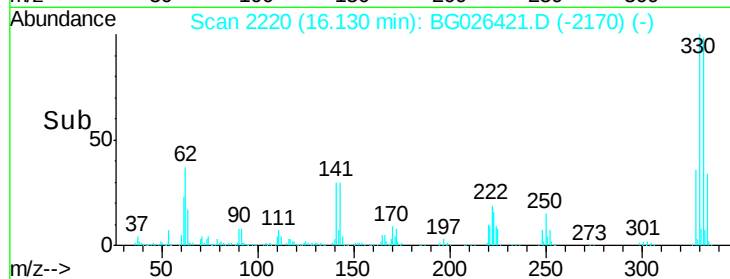
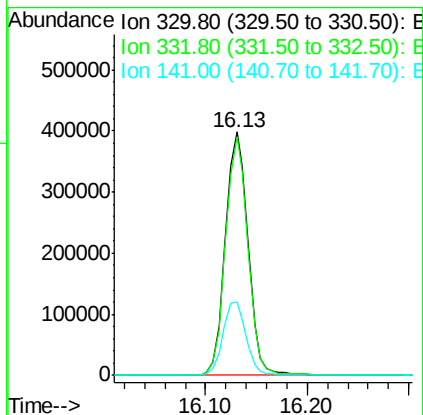
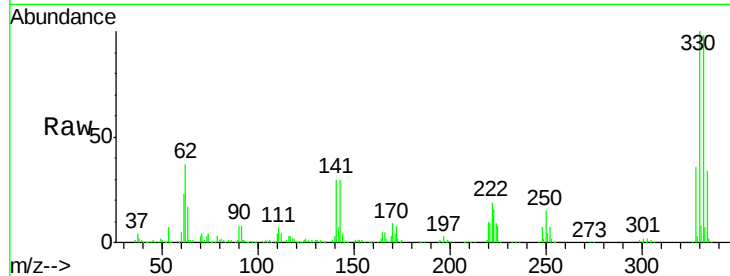




#41
 2,4,6-Tribromophenol
 Concen: 161.17 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026421.D
 Acq: 24 Mar 2017 19:11

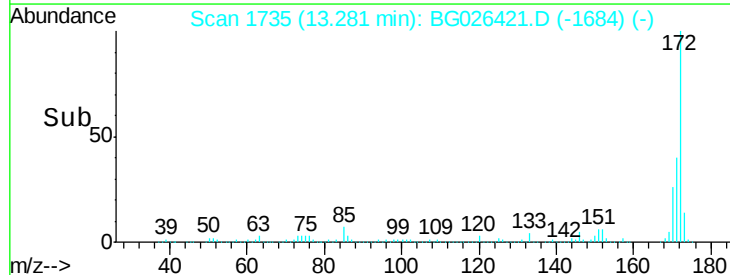
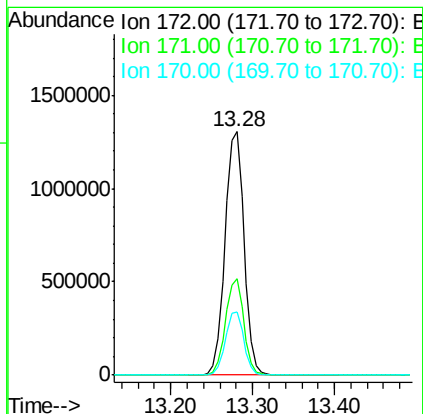
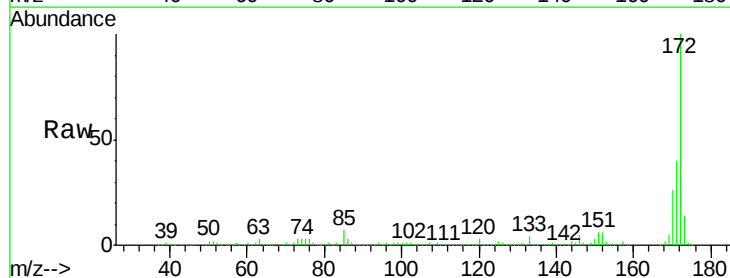
Instrument :
 BNA_G
 ClientSampleID :
 PB97800BL

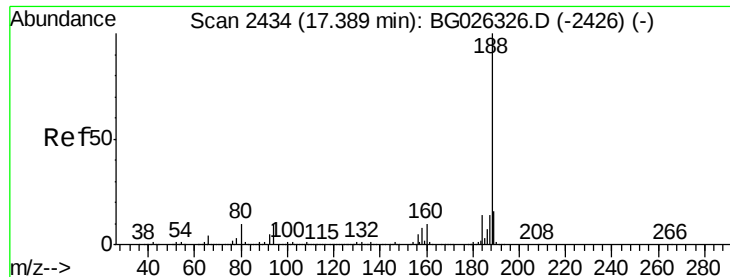
Tot Ion:330 Resp: 618721
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 30.6 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 88.40 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG026421.D
 Acq: 24 Mar 2017 19:11

Tgt Ion:172 Resp: 2113065
 Ion Ratio Lower Upper
 172 100
 171 39.6 32.2 48.2
 170 26.1 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG026421.D

Acq: 24 Mar 2017 19:11

Instrument :

BNA_G

ClientSampleId :

PB97800BL

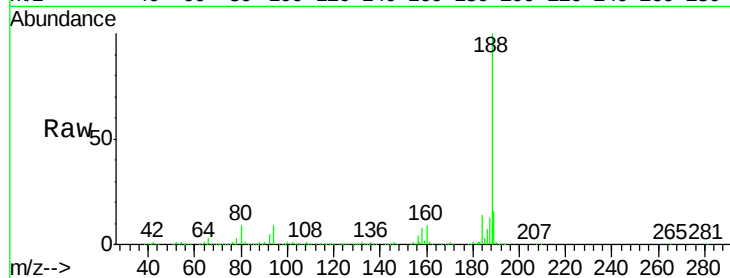
Tot Ion:188 Resp: 834735

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.8

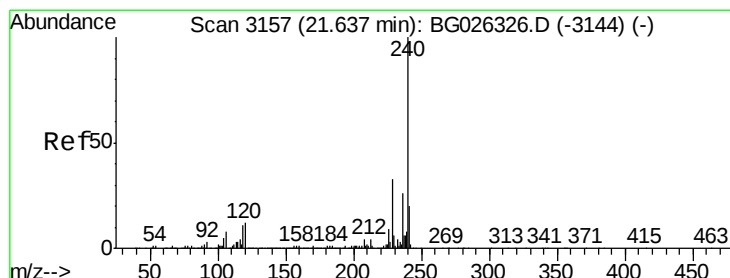
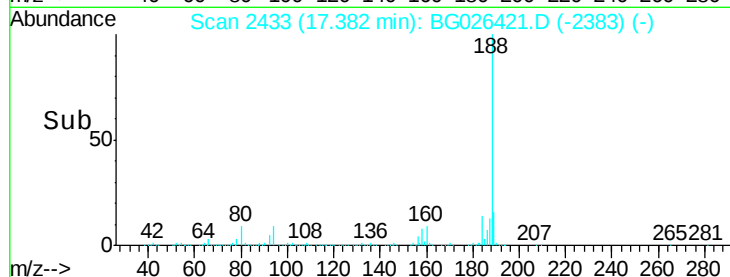
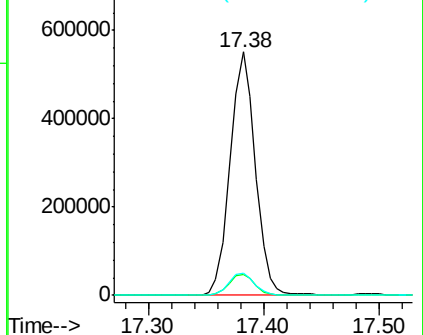
80 8.9 7.5 11.3



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: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026421.D

Acq: 24 Mar 2017 19:11

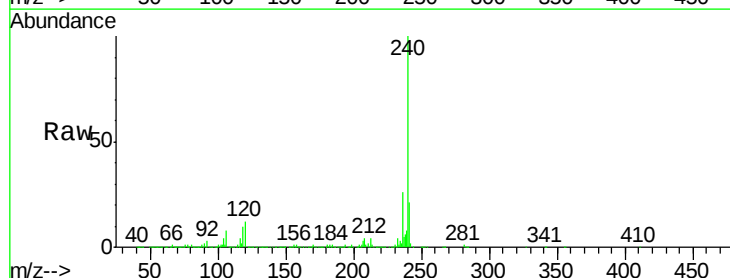
Tgt Ion:240 Resp: 1058469

Ion Ratio Lower Upper

240 100

120 11.7 5.7 8.5#

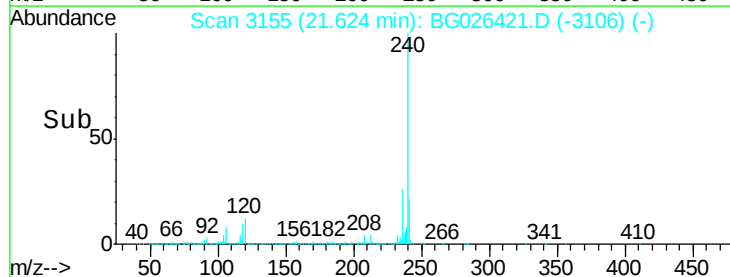
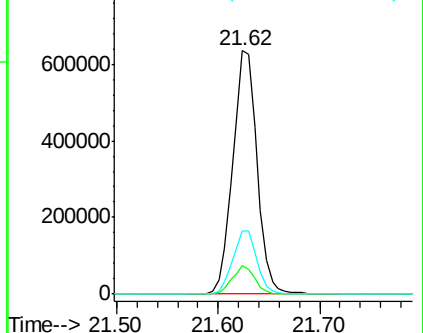
236 26.0 22.2 33.4

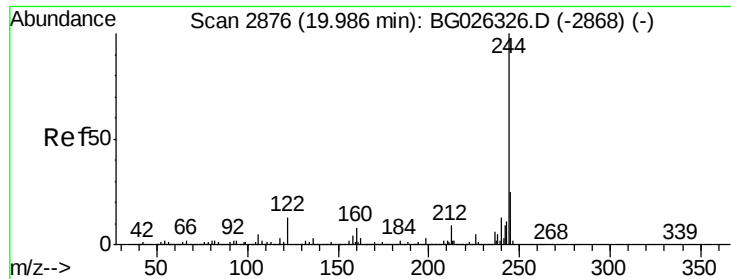


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.18 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026421.D

Acq: 24 Mar 2017 19:11

Instrument :

BNA_G

ClientSampleId :

PB97800BL

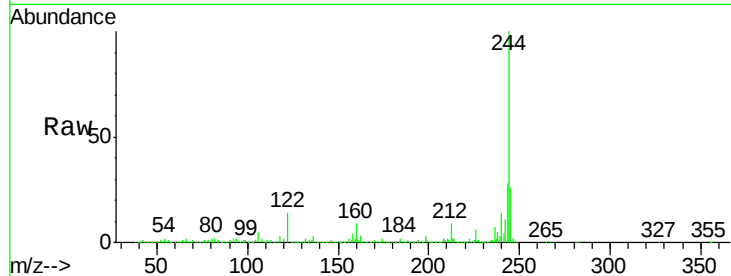
Tot Ion:244 Resp: 3233014

Ion Ratio Lower Upper

244 100

212 9.2 10.0 15.0#

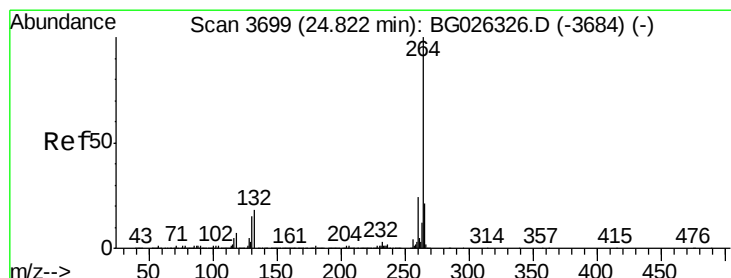
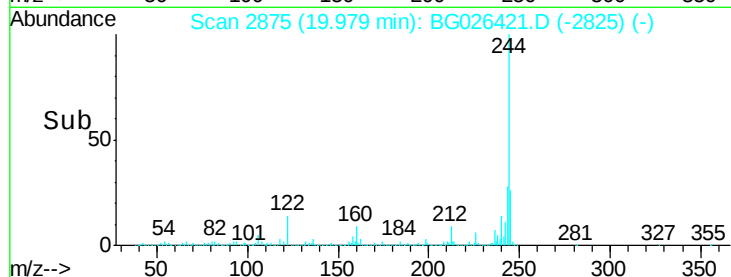
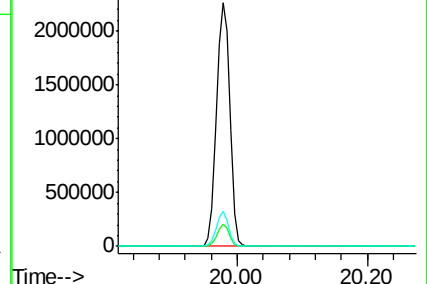
122 14.1 8.6 12.8#



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: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG026421.D

Acq: 24 Mar 2017 19:11

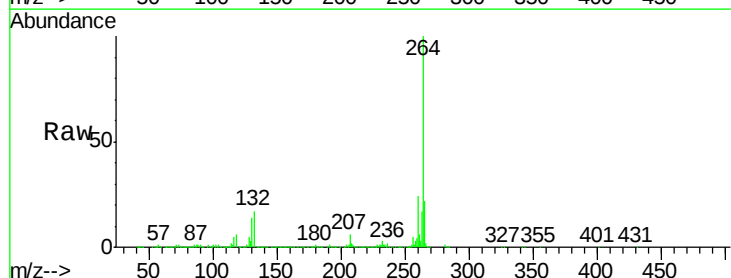
Tgt Ion:264 Resp: 970508

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 22.5 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

