

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
 Data File : BG026401.D
 Acq On : 23 Mar 2017 13:59
 Operator : SJ/MA
 Sample : PB97769BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97769BL

Quant Time: Mar 24 00:59:33 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	8.04	152	140288	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	546208	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	310053	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	759740	20.00	ng	0.00
75) Chrysene-d12	21.62	240	1016974	20.00	ng	-0.01
86) Perylene-d12	24.80	264	990190	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	867777	109.79	ng	0.00
7) Phenol-d6	7.20	99	1102679	103.92	ng	0.00
23) Nitrobenzene-d5	9.20	82	566218	62.33	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	443796	124.99	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	1614931	73.04	ng	0.00
78) Terphenyl-d14	19.98	244	2539460	60.64	ng	0.00

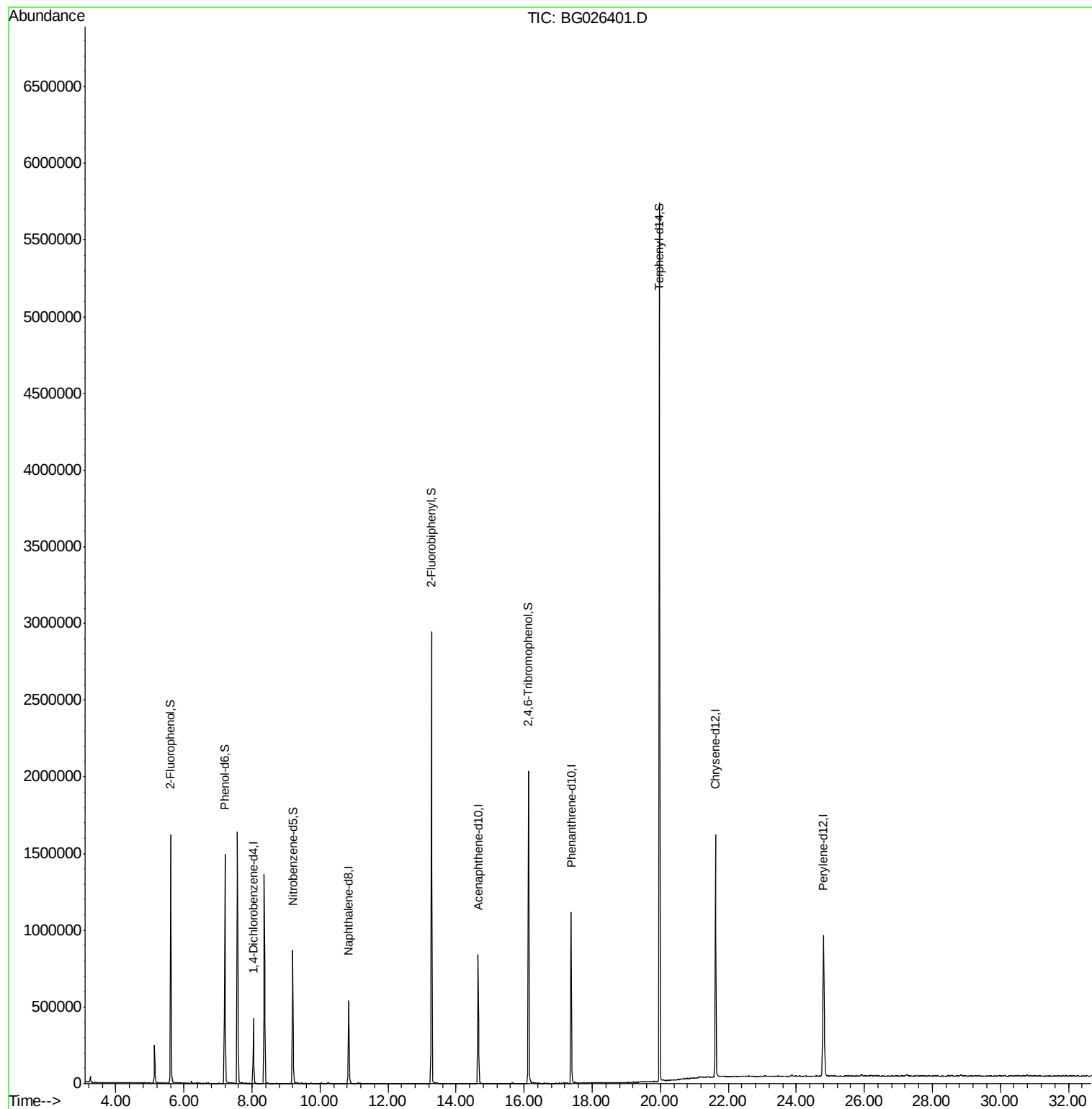
Target Compounds Qvalue

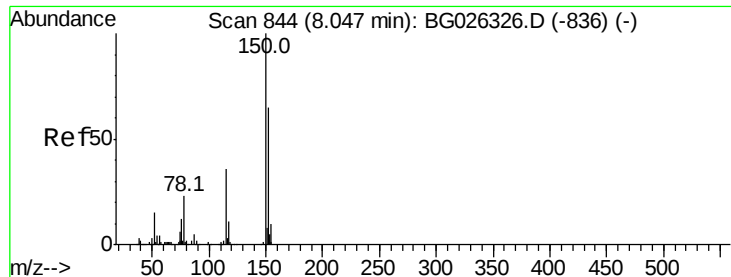
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026401.D

Acq: 23 Mar 2017 13:59

Instrument :

BNA_G

ClientSampleId :

PB97769BL

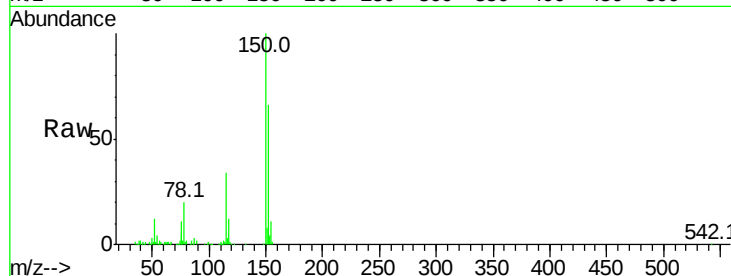
Tot Ion:152 Resp: 140288

Ion Ratio Lower Upper

152 100

150 152.7 114.0 171.0

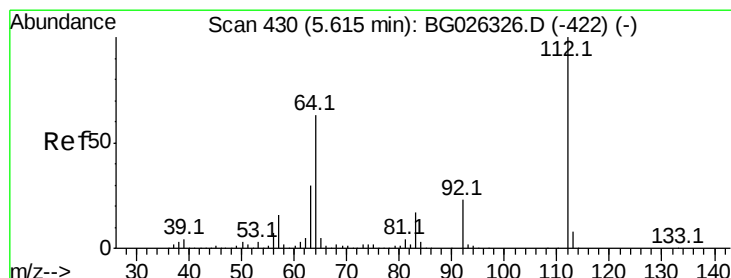
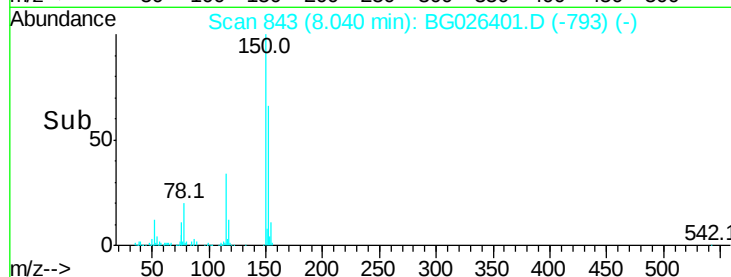
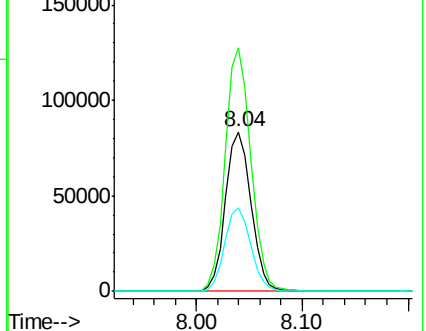
115 52.1 48.1 72.1



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: 109.79 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026401.D

Acq: 23 Mar 2017 13:59

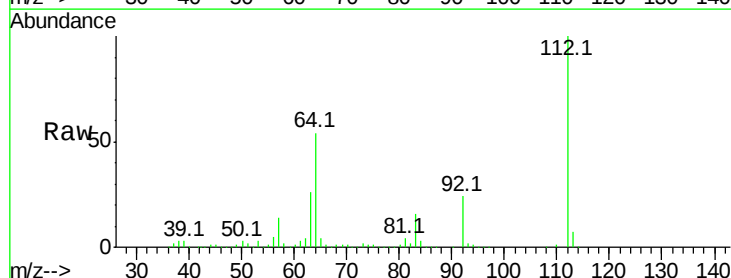
Tgt Ion:112 Resp: 867777

Ion Ratio Lower Upper

112 100

64 53.9 61.8 92.6#

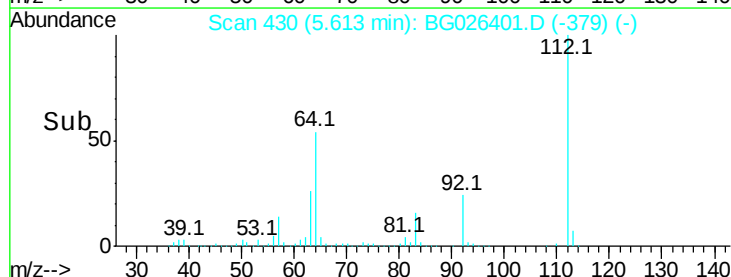
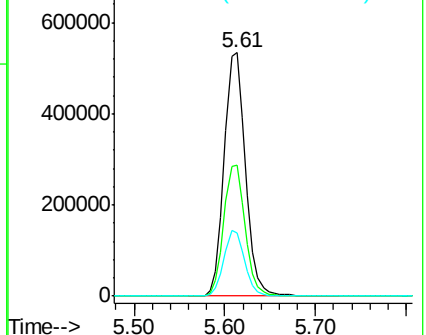
63 26.2 37.2 55.8#

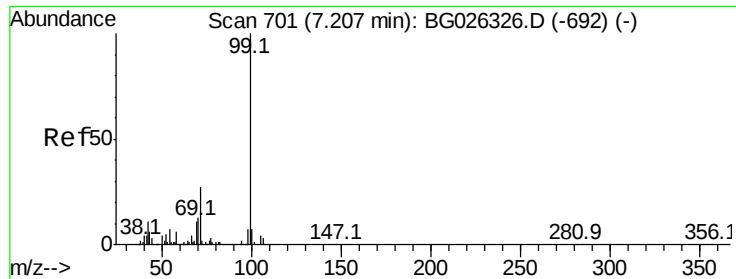


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 103.92 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026401.D

Acq: 23 Mar 2017 13:59

Instrument :

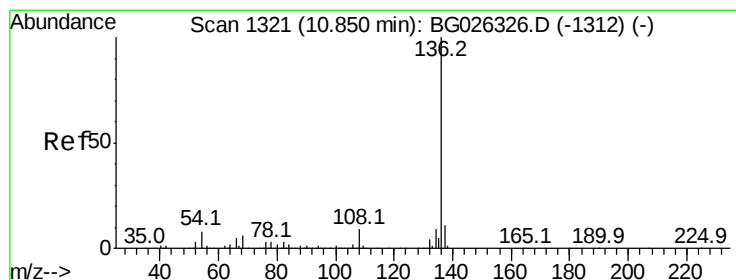
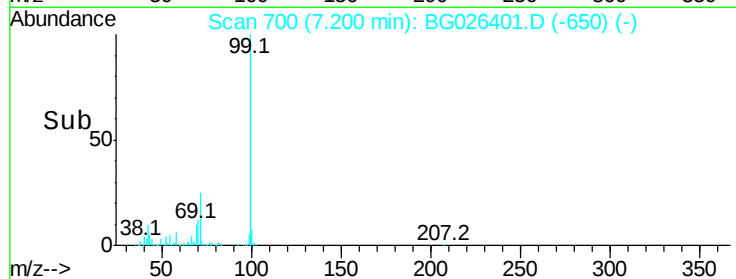
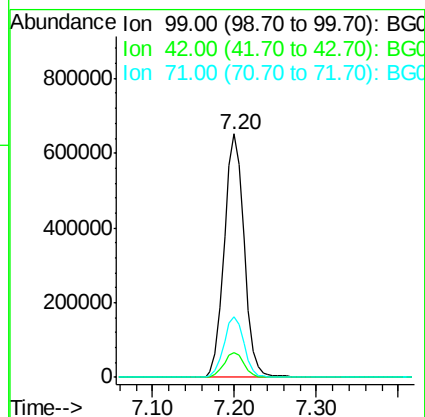
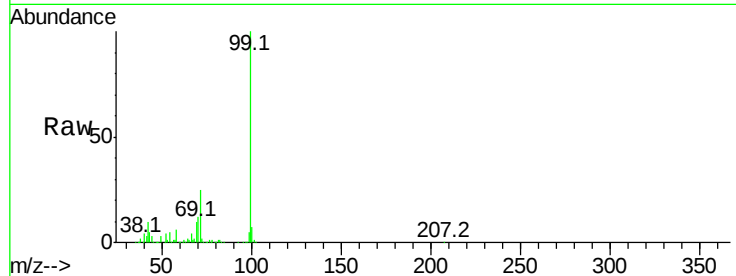
BNA_G

ClientSampleId :

PB97769BL

Tot Ion: 99 Resp: 1102679

Ion	Ratio	Lower	Upper
99	100		
42	10.1	20.5	30.7#
71	25.0	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

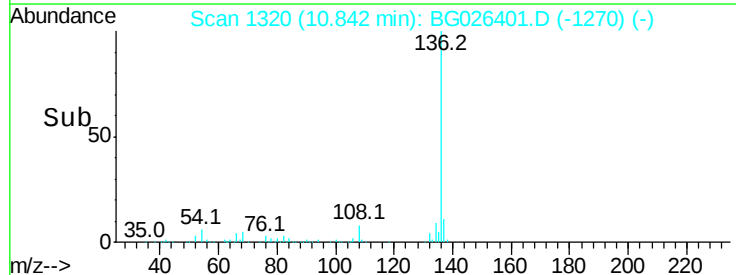
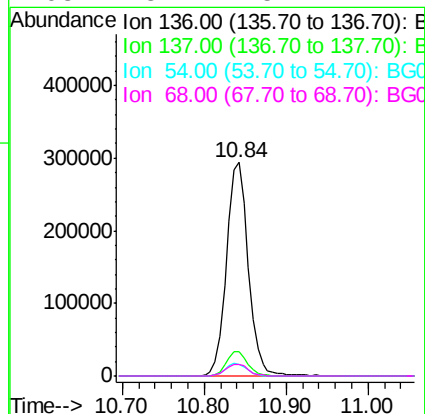
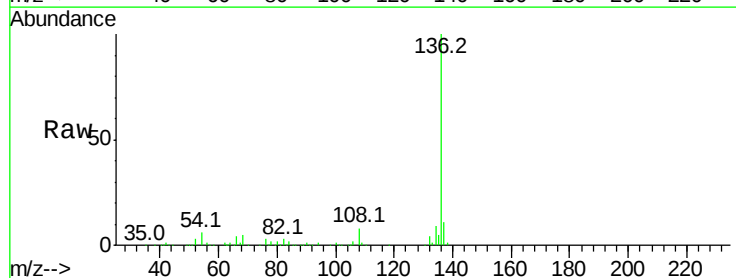
Delta R.T. -0.01 min

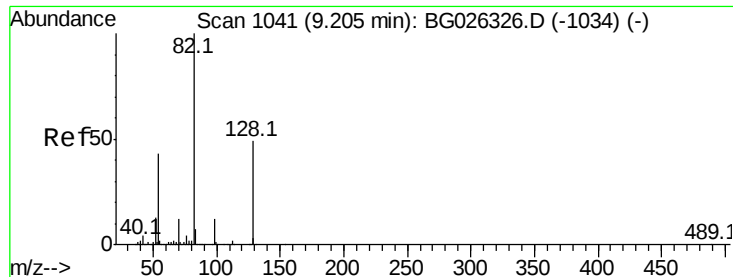
Lab File: BG026401.D

Acq: 23 Mar 2017 13:59

Tgt Ion: 136 Resp: 546208

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	5.6	9.3	13.9#
68	5.4	5.1	7.7

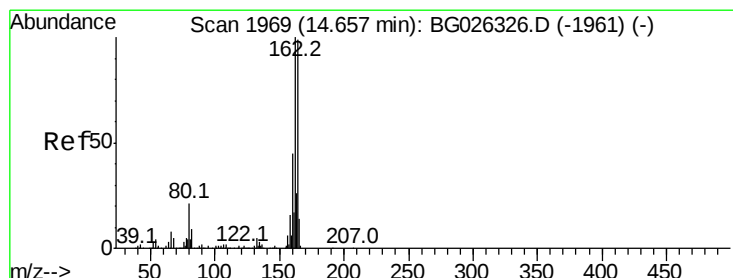
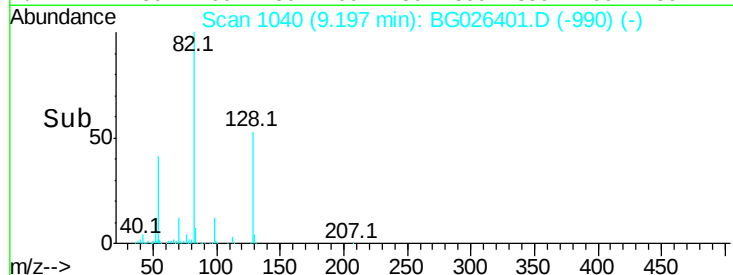
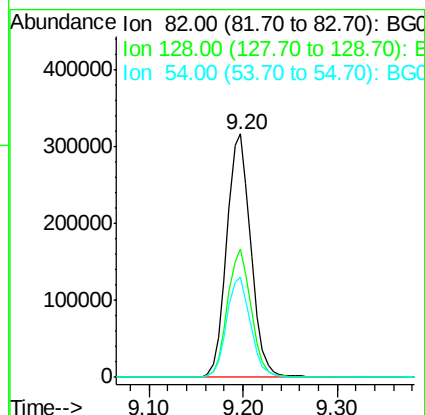
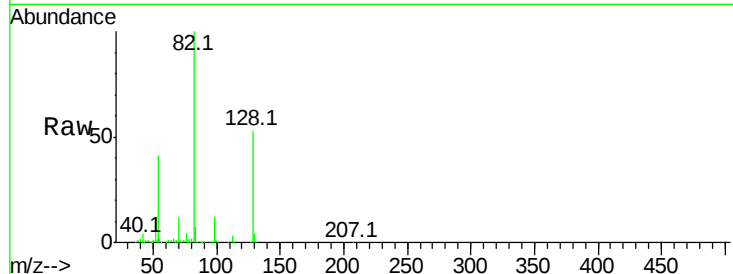




#23
 Nitrobenzene-d5
 Concen: 62.33 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026401.D
 Acq: 23 Mar 2017 13:59

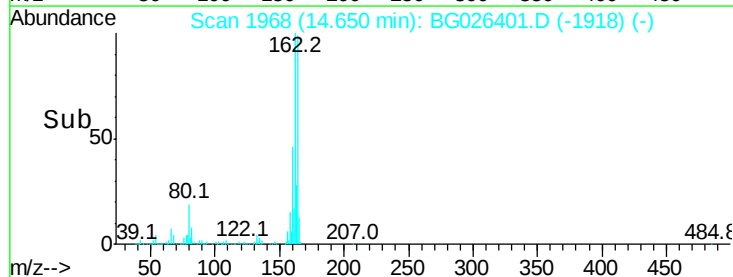
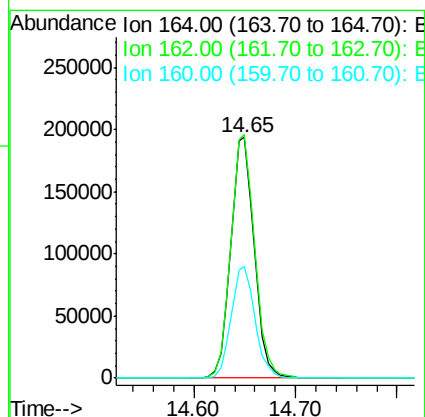
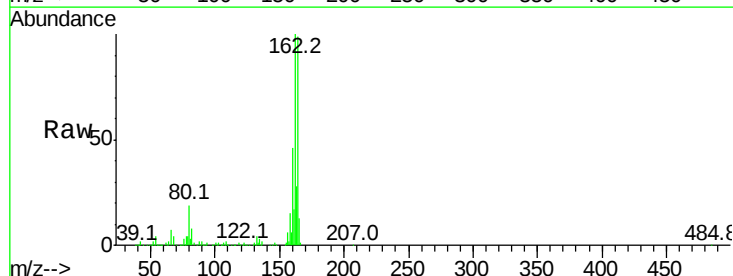
Instrument :
 BNA_G
 ClientSampleId :
 PB97769BL

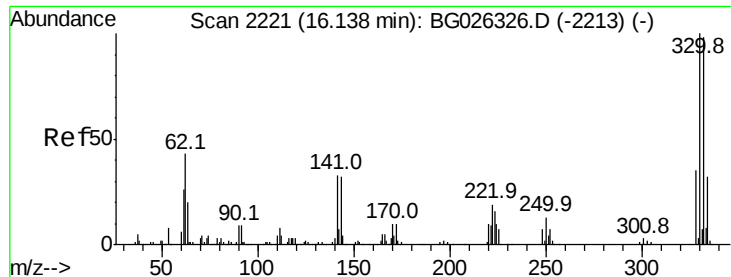
Tot Ion	82	Resp	566218
Ion Ratio	Lower	Upper	
82	100		
128	53.0	26.4	39.6#
54	41.4	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026401.D
 Acq: 23 Mar 2017 13:59

Tgt Ion	164	Resp	310053
Ion Ratio	Lower	Upper	
164	100		
162	101.2	85.1	127.7
160	46.4	34.7	52.1

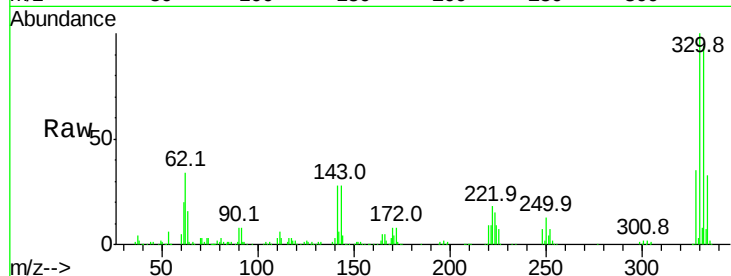




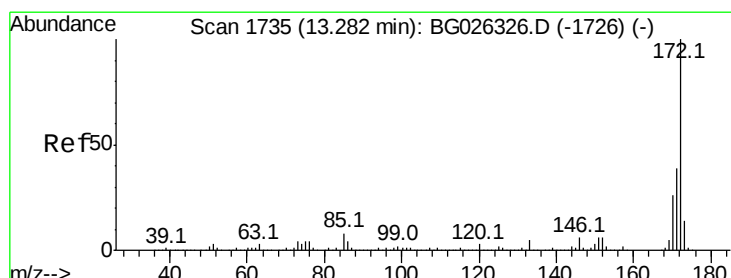
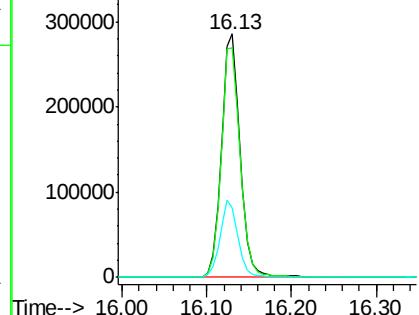
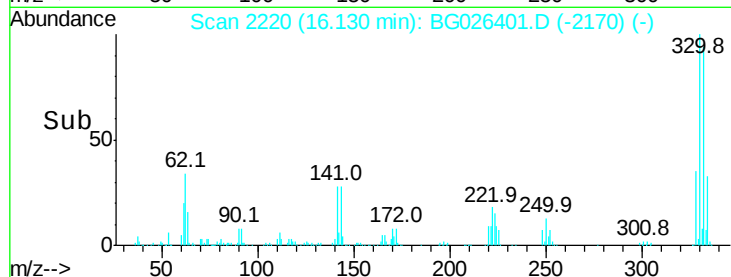
#41
 2,4,6-Tribromophenol
 Concen: 124.99 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026401.D
 Acq: 23 Mar 2017 13:59

Instrument :
 BNA_G
 ClientSampleId :
 PB97769BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	30.6	32.1	48.1#

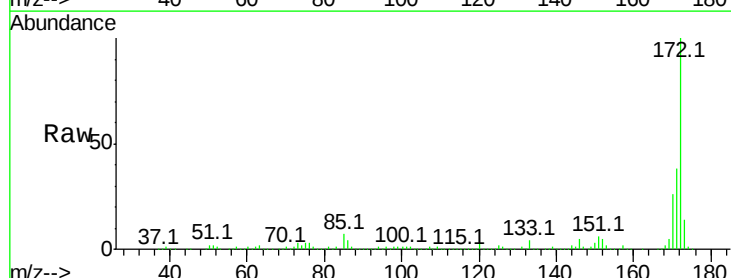


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

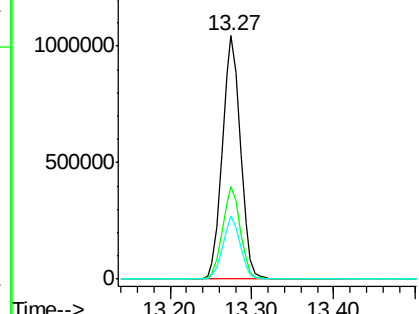
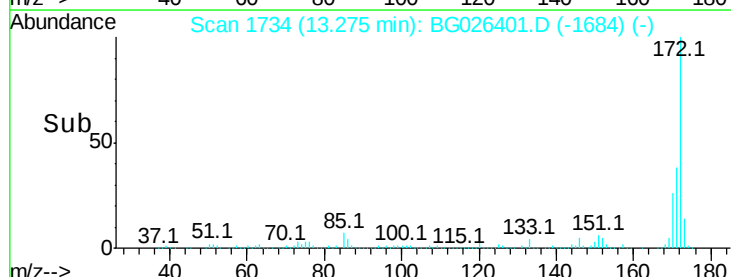


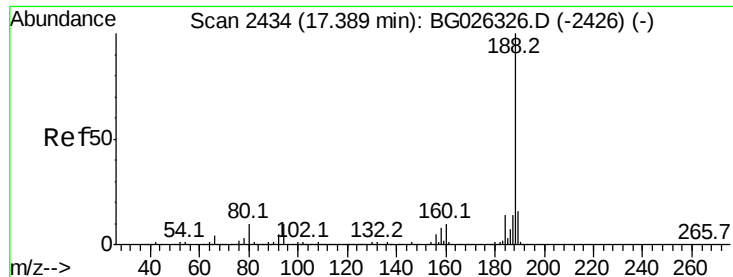
#44
 2-Fluorobiphenyl
 Concen: 73.04 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026401.D
 Acq: 23 Mar 2017 13:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	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: BG026401.D

Acq: 23 Mar 2017 13:59

Instrument :

BNA_G

ClientSampleId :

PB97769BL

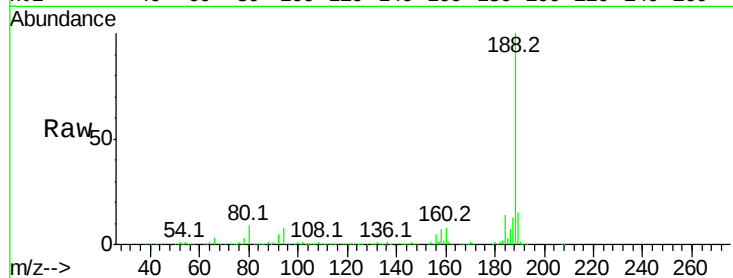
Tot Ion:188 Resp: 759740

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.8

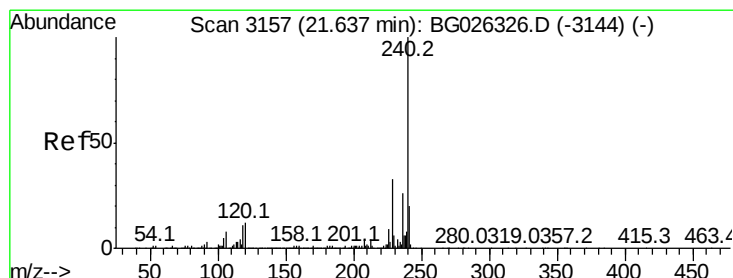
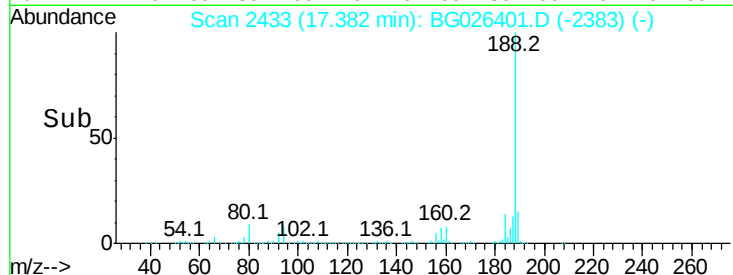
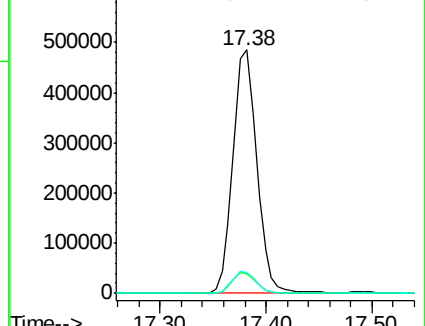
80 8.8 7.5 11.3



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: BG026401.D

Acq: 23 Mar 2017 13:59

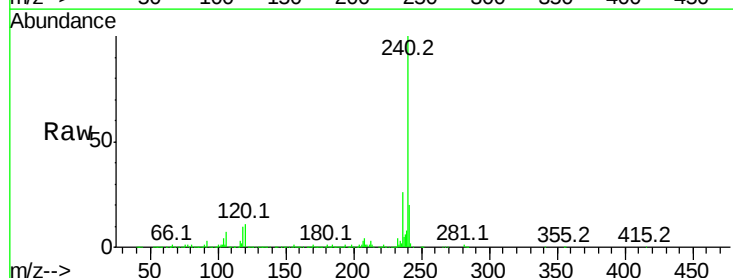
Tgt Ion:240 Resp: 1016974

Ion Ratio Lower Upper

240 100

120 10.7 5.7 8.5#

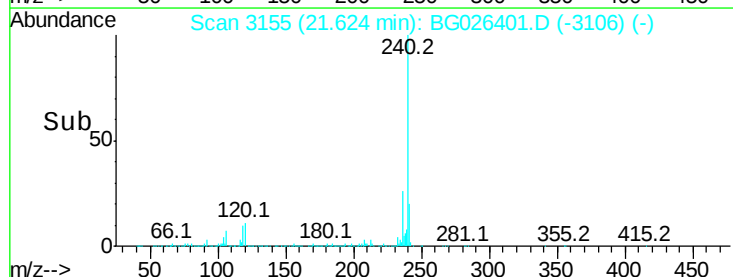
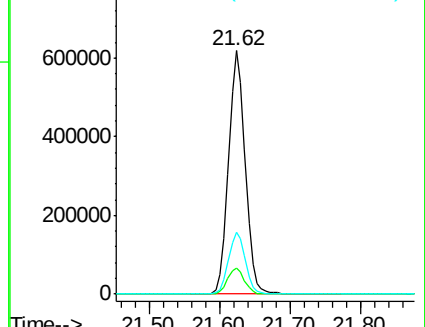
236 25.7 22.2 33.4

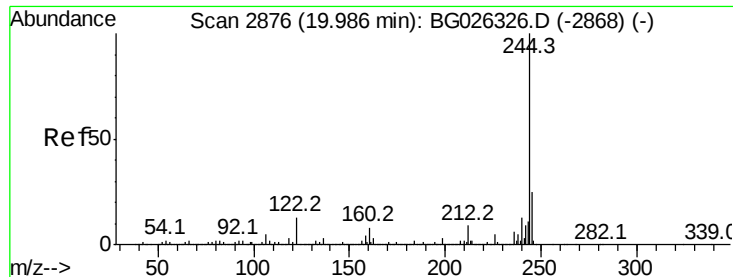


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 60.64 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026401.D

Acq: 23 Mar 2017 13:59

Instrument :

BNA_G

ClientSampleId :

PB97769BL

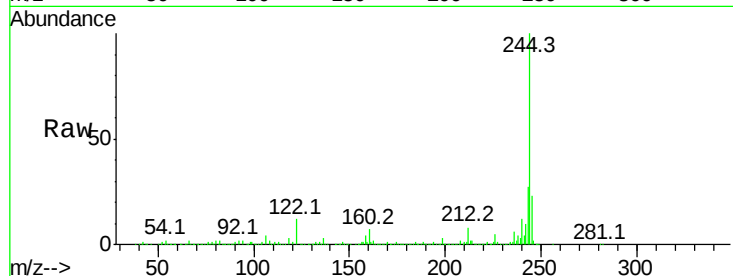
Tot Ion:244 Resp: 2539460

Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.0	15.0#
122	12.3	8.6	12.8

244 100

212 8.3 10.0 15.0#

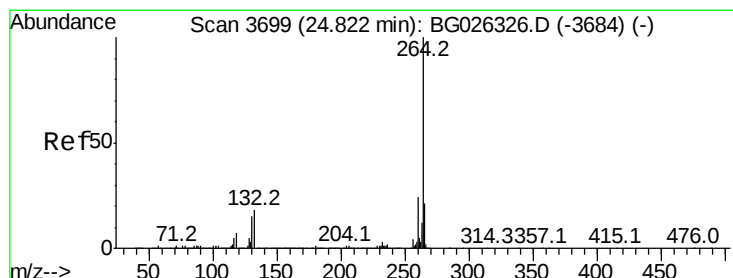
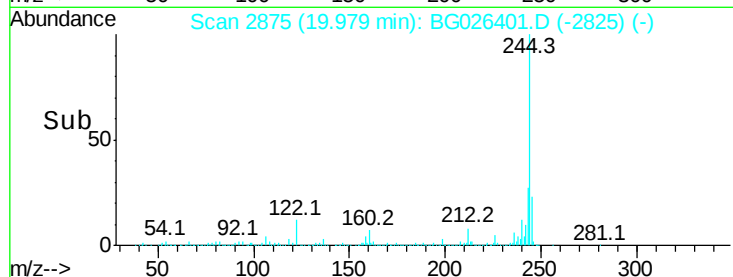
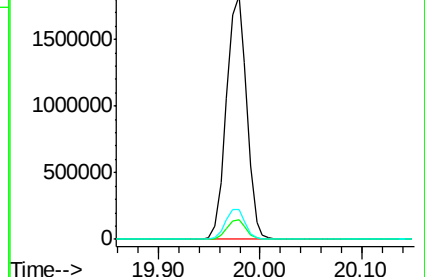
122 12.3 8.6 12.8



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: BG026401.D

Acq: 23 Mar 2017 13:59

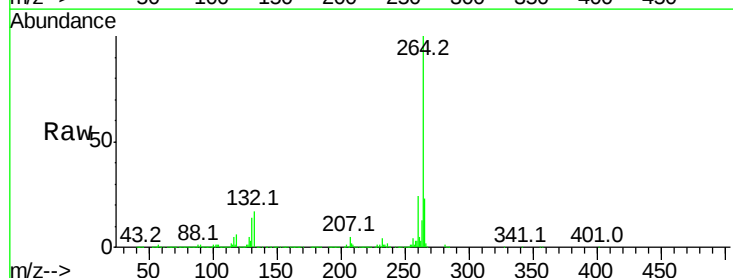
Tgt Ion:264 Resp: 990190

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.6	18.2	27.4

264 100

260 24.1 21.8 32.8

265 22.6 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

