

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\
 Data File : BG026418.D
 Acq On : 24 Mar 2017 17:13
 Operator : SJ/MA
 Sample : PB97805TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97805TB

Quant Time: Mar 24 23:09:41 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	138857	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	568856	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	325666	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	796147	20.00	ng	0.00
75) Chrysene-d12	21.62	240	998722	20.00	ng	-0.01
86) Perylene-d12	24.80	264	977193	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1143686	146.19	ng	0.00
7) Phenol-d6	7.21	99	1457294	138.75	ng	0.00
23) Nitrobenzene-d5	9.20	82	768409	81.22	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	616754	165.37	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2130076	91.72	ng	0.00
78) Terphenyl-d14	19.98	244	3135185	76.24	ng	0.00

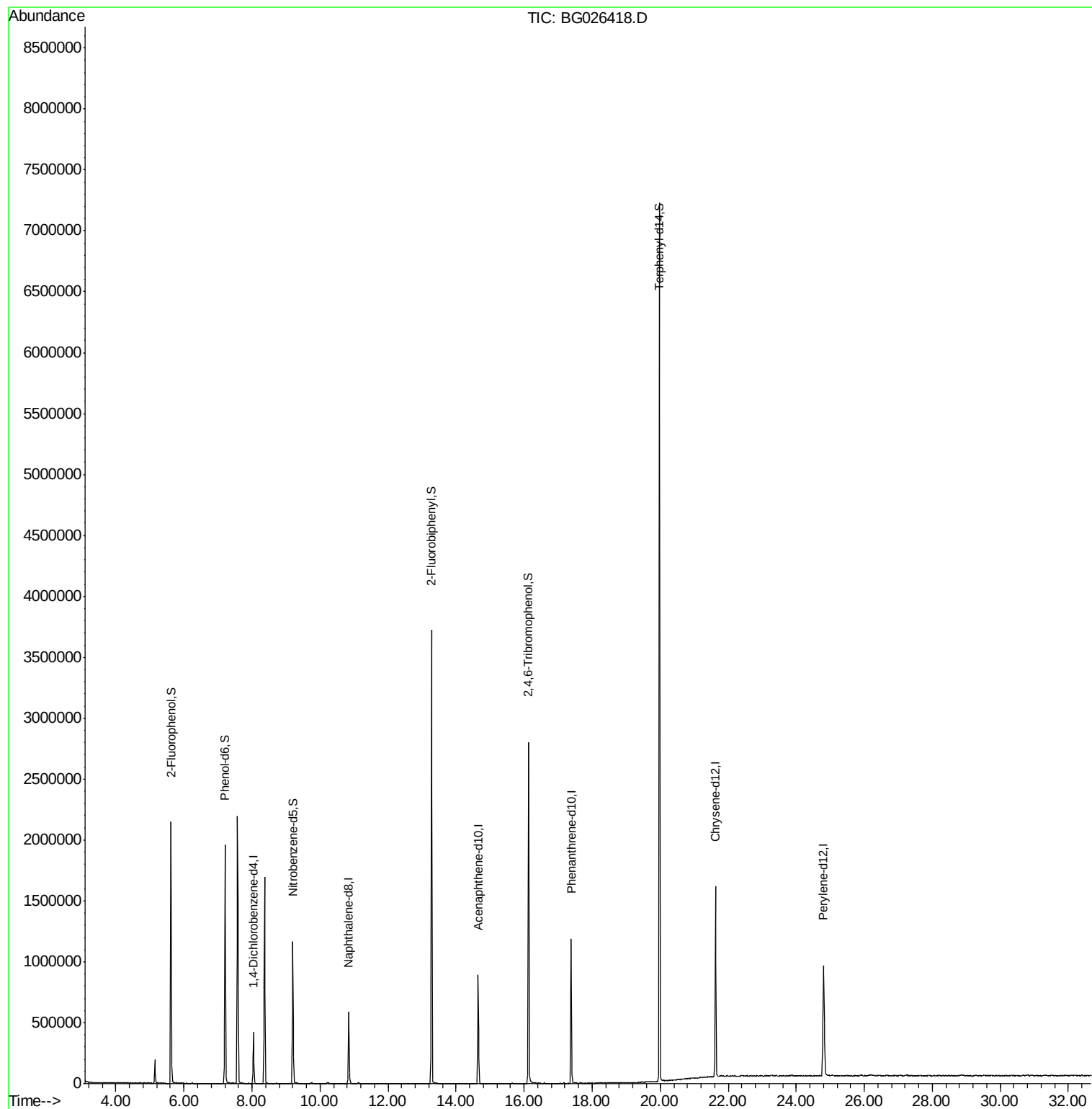
Target Compounds Qvalue

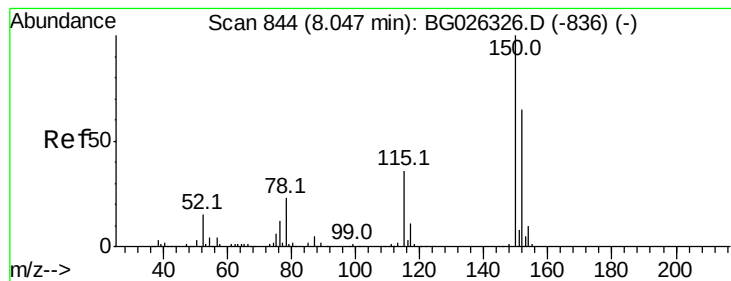
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG026418.D

Acq: 24 Mar 2017 17:13

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BNA_G

ClientSampleId :

PB97805TB

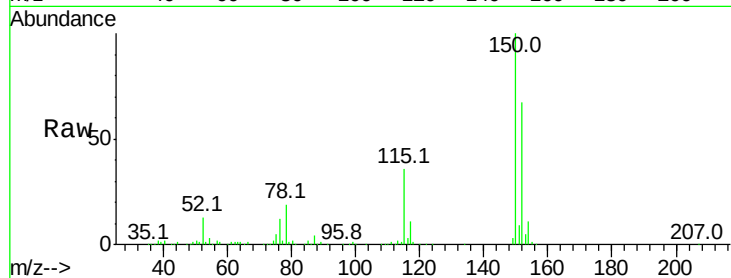
Tot Ion:152 Resp: 138857

Ion Ratio Lower Upper

152 100

150 149.4 114.0 171.0

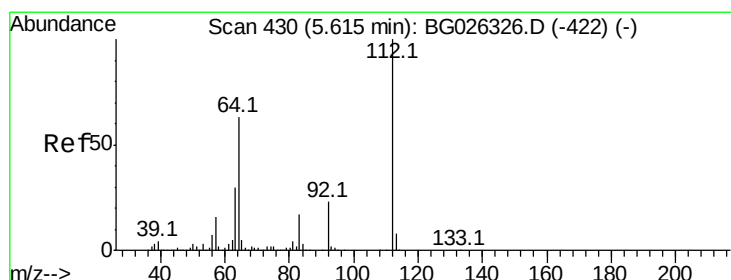
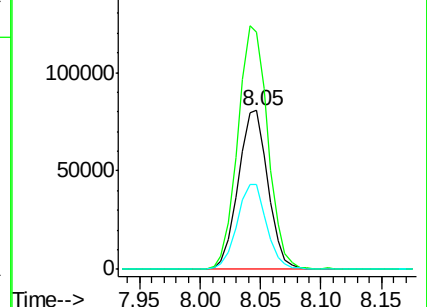
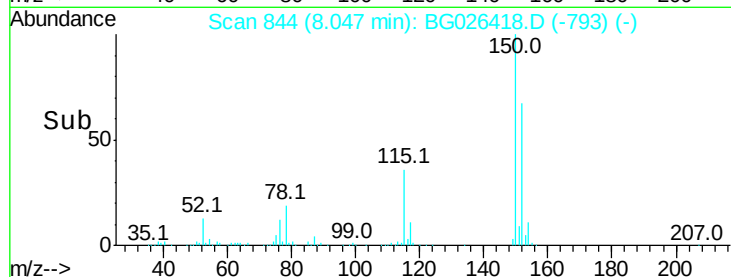
115 53.3 48.1 72.1



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



#5

2-Fluorophenol

Concen: 146.19 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG026418.D

Acq: 24 Mar 2017 17:13

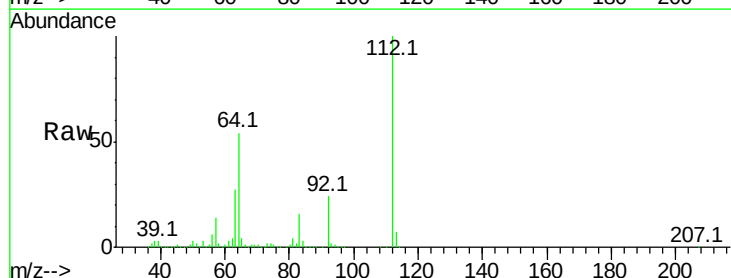
Tgt Ion:112 Resp: 1143686

Ion Ratio Lower Upper

112 100

64 54.4 61.8 92.6#

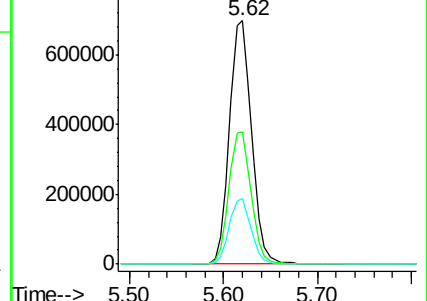
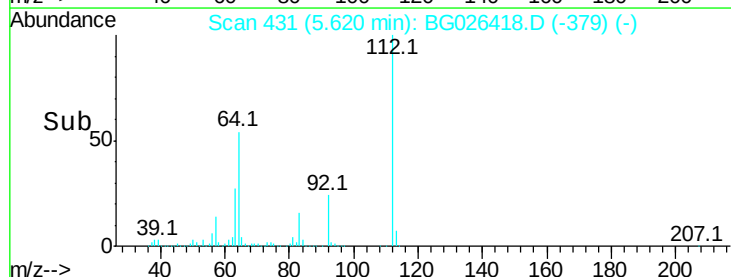
63 26.8 37.2 55.8#

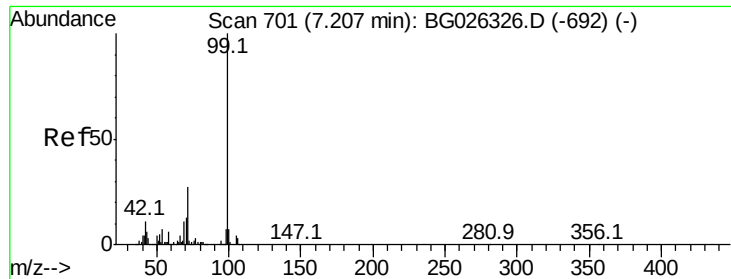


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.75 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026418.D

Acq: 24 Mar 2017 17:13

Instrument :

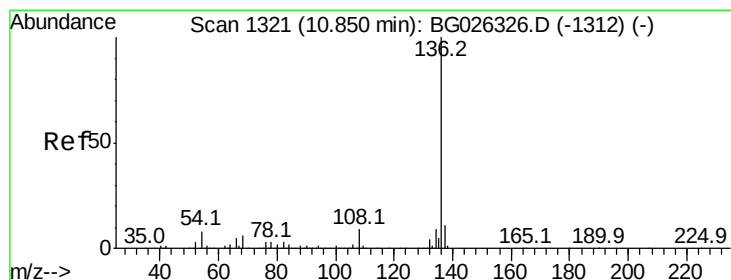
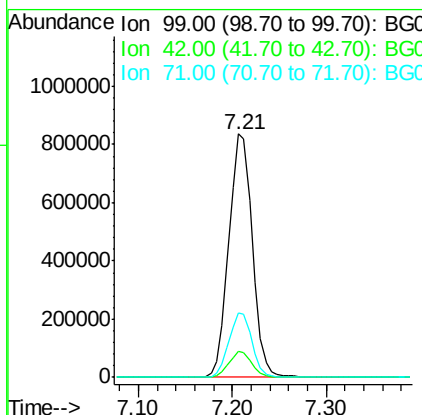
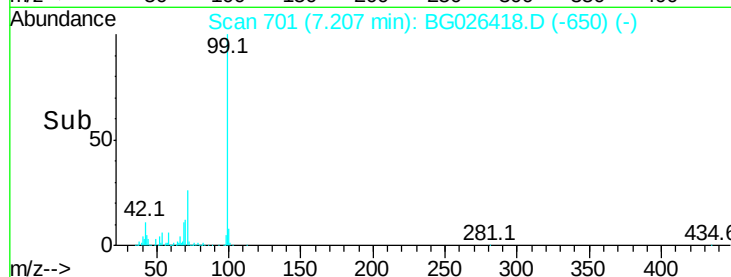
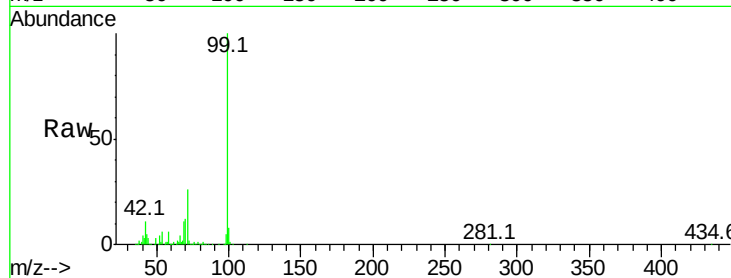
BNA_G

ClientSampled :

PB97805TB

Tot Ion: 99 Resp: 1457294

Ion	Ratio	Lower	Upper
99	100		
42	10.5	20.5	30.7#
71	26.4	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

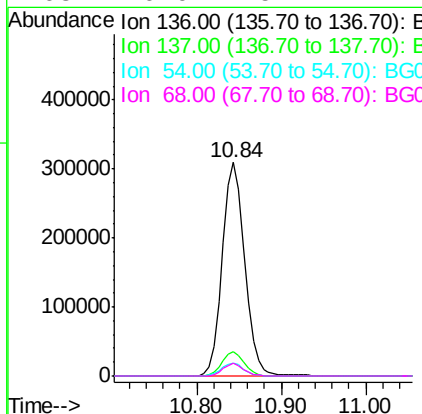
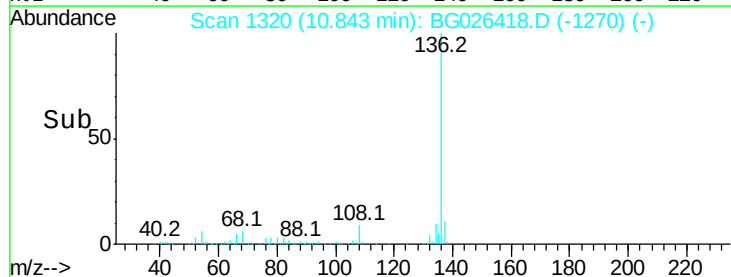
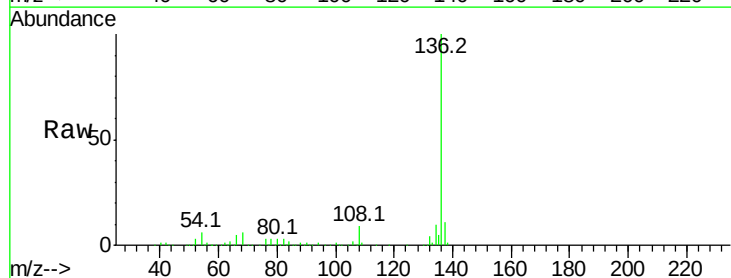
Delta R.T. -0.01 min

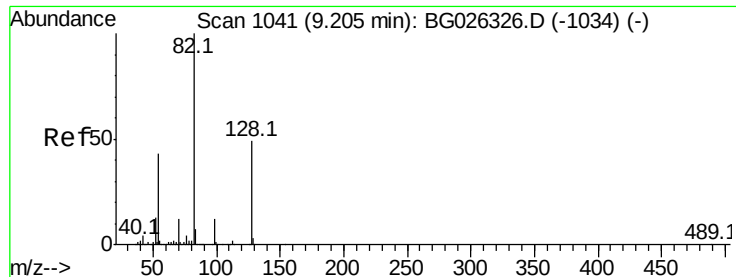
Lab File: BG026418.D

Acq: 24 Mar 2017 17:13

Tgt Ion: 136 Resp: 568856

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.0	9.3	13.9#
68	6.0	5.1	7.7

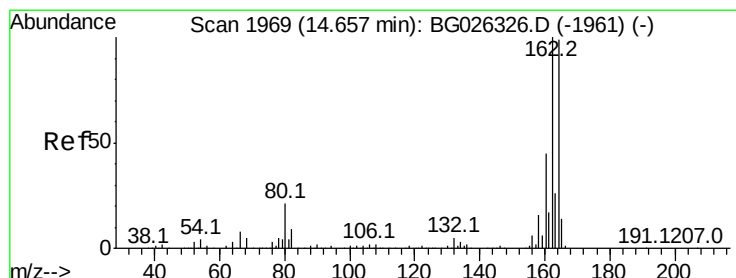
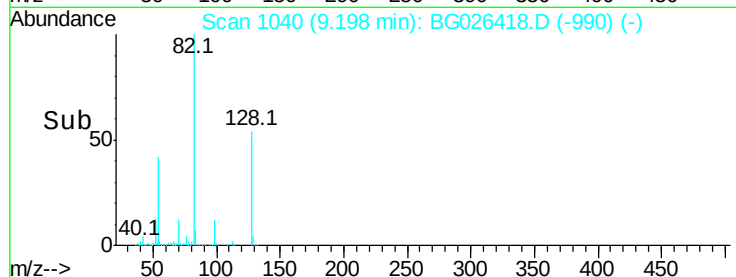
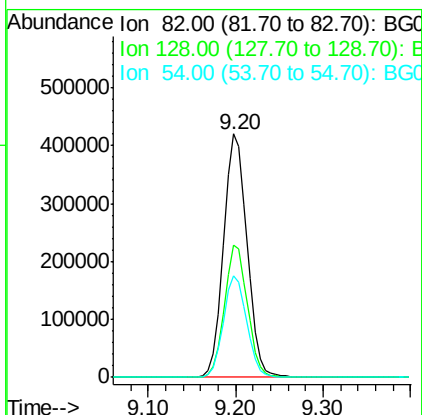
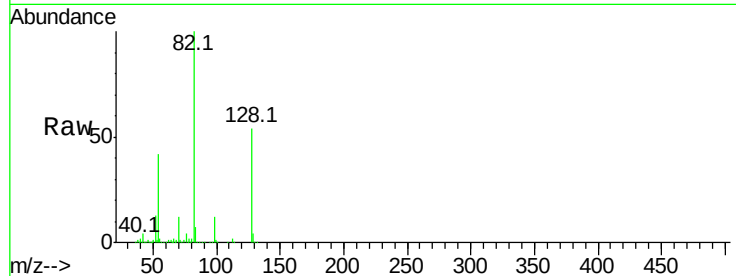




#23
 Nitrobenzene-d5
 Concen: 81.22 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026418.D
 Acq: 24 Mar 2017 17:13

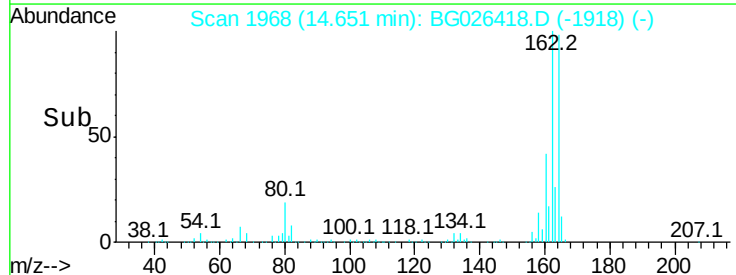
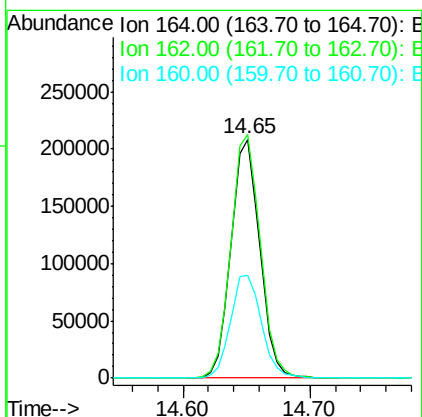
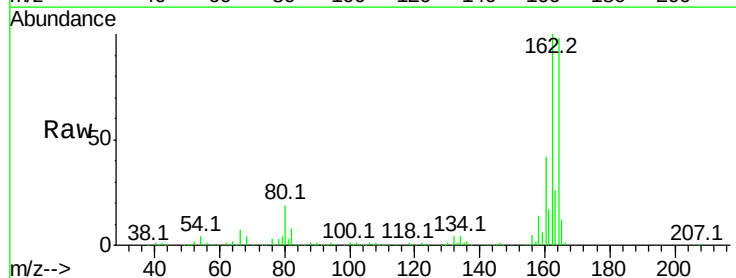
Instrument :
 BNA_G
 ClientSampleId :
 PB97805TB

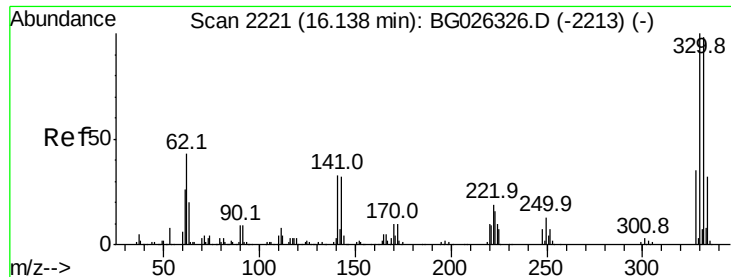
Tot Ion	82	Resp	768409
Ion	Ratio	Lower	Upper
82	100		
128	54.5	26.4	39.6#
54	41.6	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026418.D
 Acq: 24 Mar 2017 17:13

Tgt Ion	164	Resp	325666
Ion	Ratio	Lower	Upper
164	100		
162	102.0	85.1	127.7
160	43.0	34.7	52.1

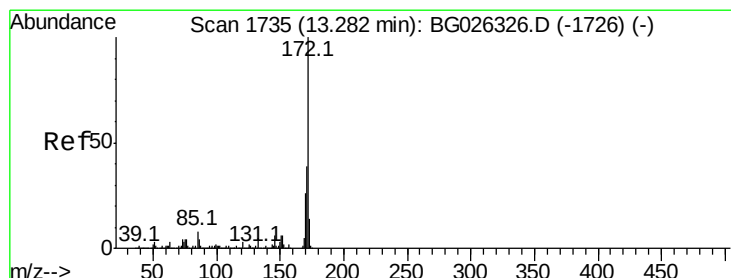
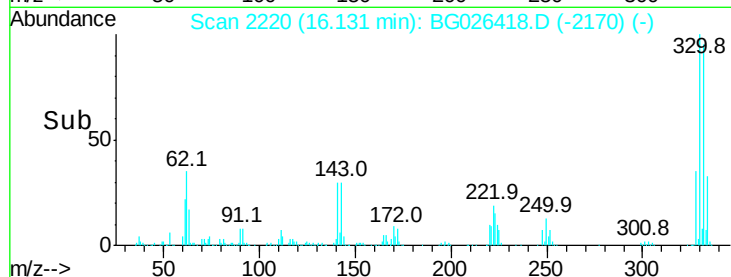
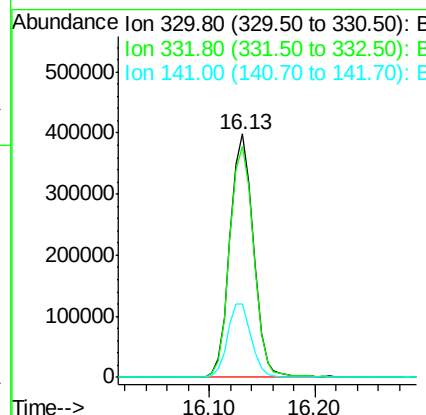
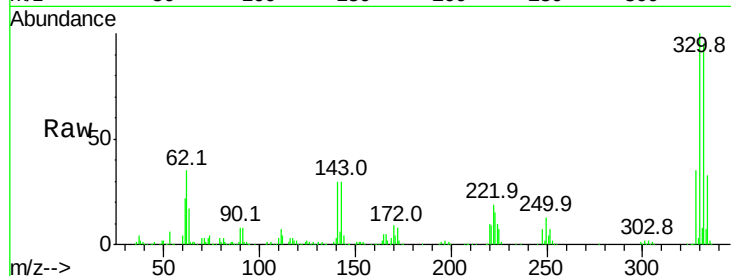




#41
 2,4,6-Tribromophenol
 Concen: 165.37 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026418.D
 Acq: 24 Mar 2017 17:13

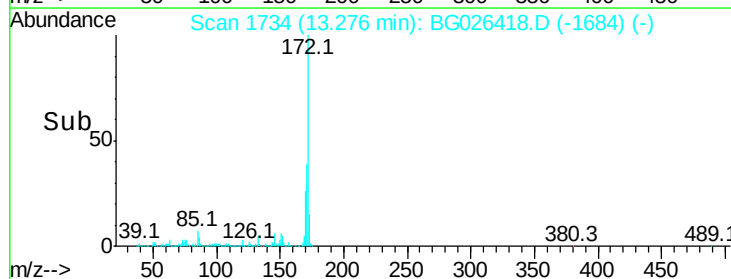
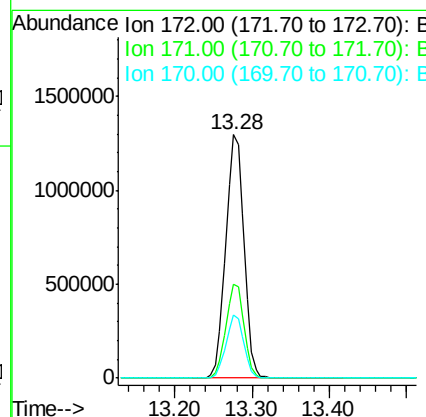
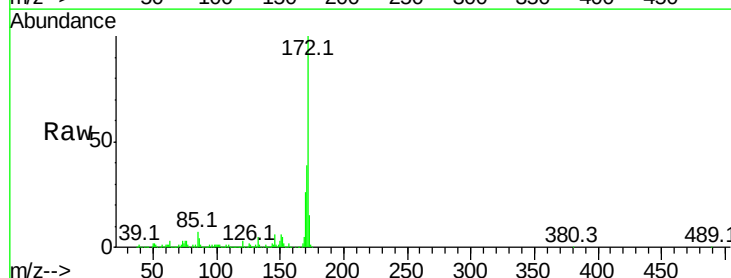
Instrument :
 BNA_G
 ClientSampleId :
 PB97805TB

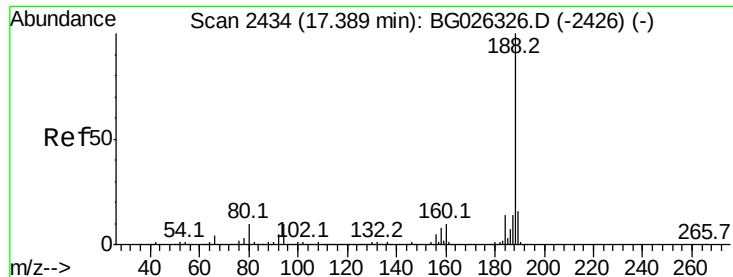
Tot Ion:330 Resp: 616754
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 30.7 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 91.72 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026418.D
 Acq: 24 Mar 2017 17:13

Tgt Ion:172 Resp: 2130076
 Ion Ratio Lower Upper
 172 100
 171 38.6 32.2 48.2
 170 25.9 21.8 32.6

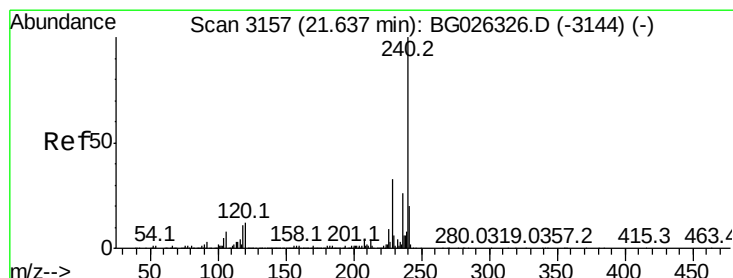
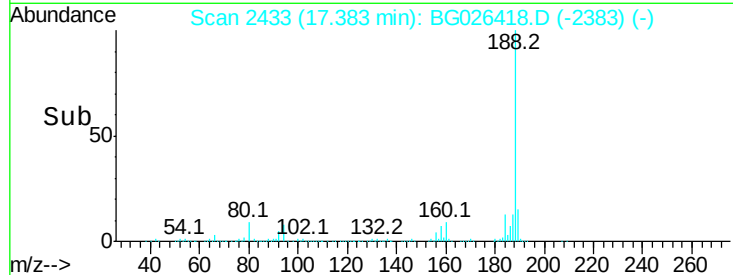
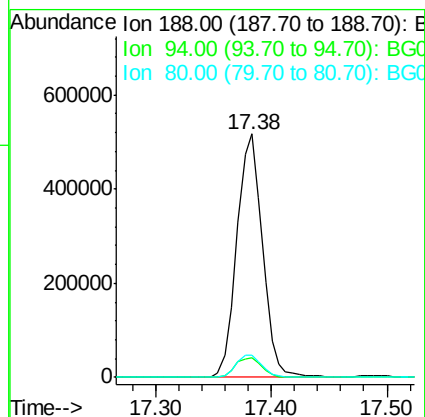
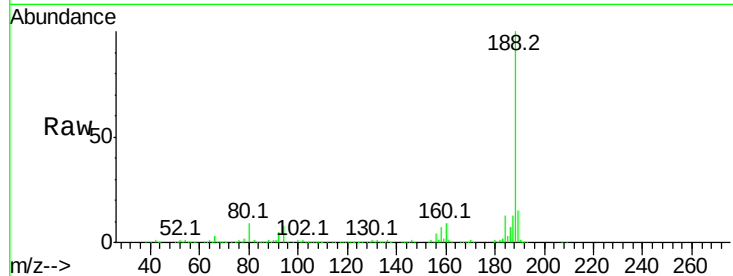




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026418.D
Acq: 24 Mar 2017 17:13

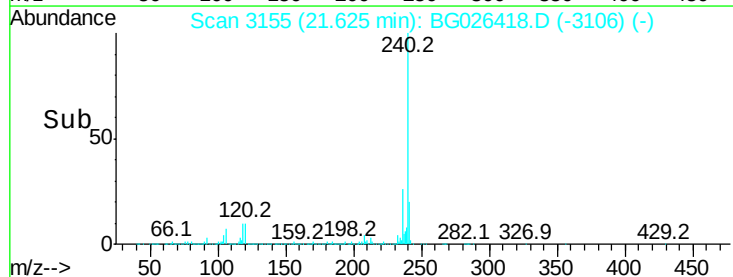
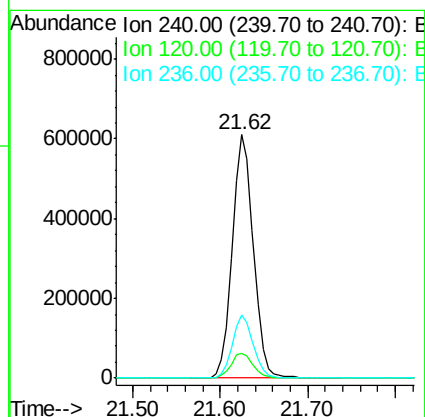
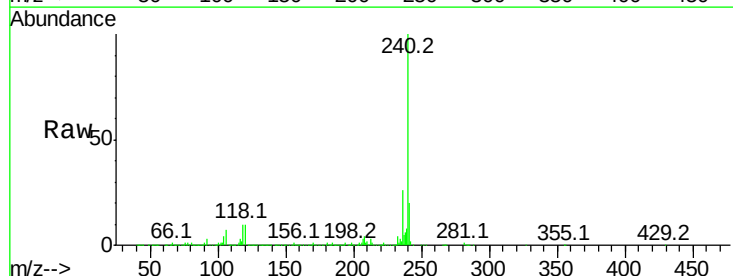
Instrument :
BNA_G
ClientSampleId :
PB97805TB

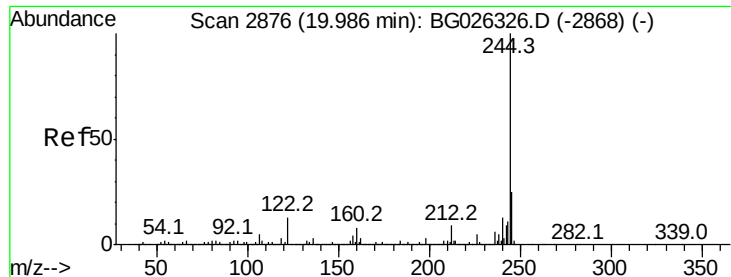
Tot Ion:188 Resp: 796147
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.8
80 9.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026418.D
Acq: 24 Mar 2017 17:13

Tgt Ion:240 Resp: 998722
Ion Ratio Lower Upper
240 100
120 10.2 5.7 8.5#
236 25.7 22.2 33.4





#78

Terphenyl-d14

Concen: 76.24 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026418.D

Acq: 24 Mar 2017 17:13

Instrument :

BNA_G

ClientSampleId :

PB97805TB

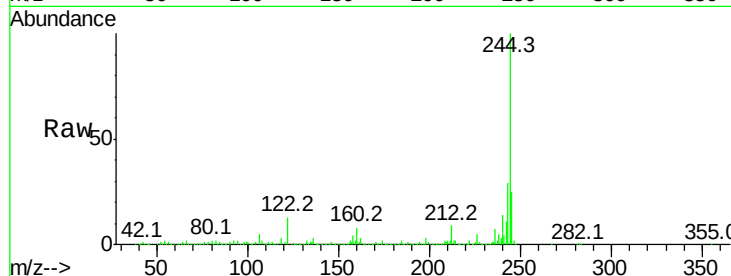
Tot Ion:244 Resp: 3135185

Ion	Ratio	Lower	Upper
244	100		
212	8.9	10.0	15.0#
122	13.4	8.6	12.8#

244 100

212 8.9 10.0 15.0#

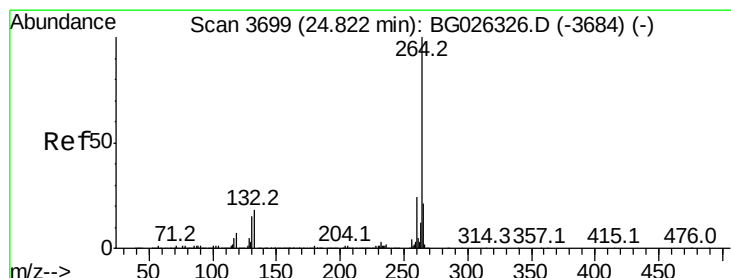
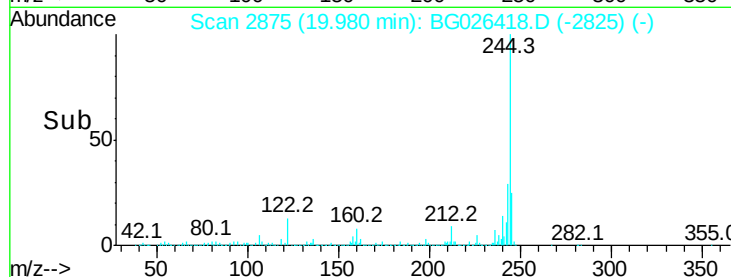
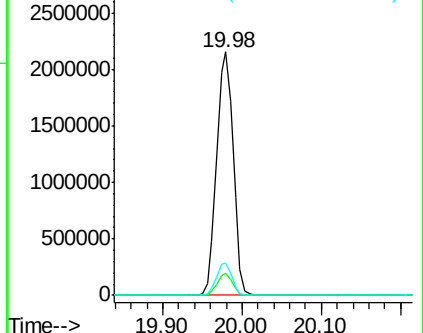
122 13.4 8.6 12.8#



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: BG026418.D

Acq: 24 Mar 2017 17:13

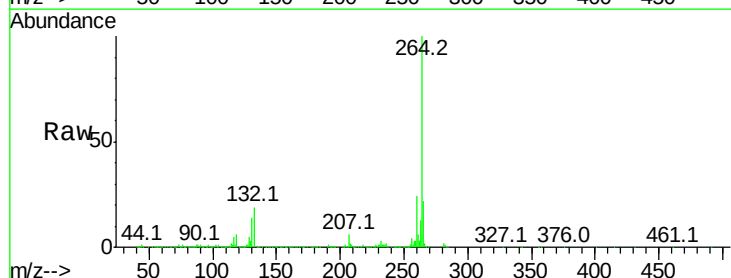
Tgt Ion:264 Resp: 977193

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.2	18.2	27.4

264 100

260 24.1 21.8 32.8

265 22.2 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

