

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

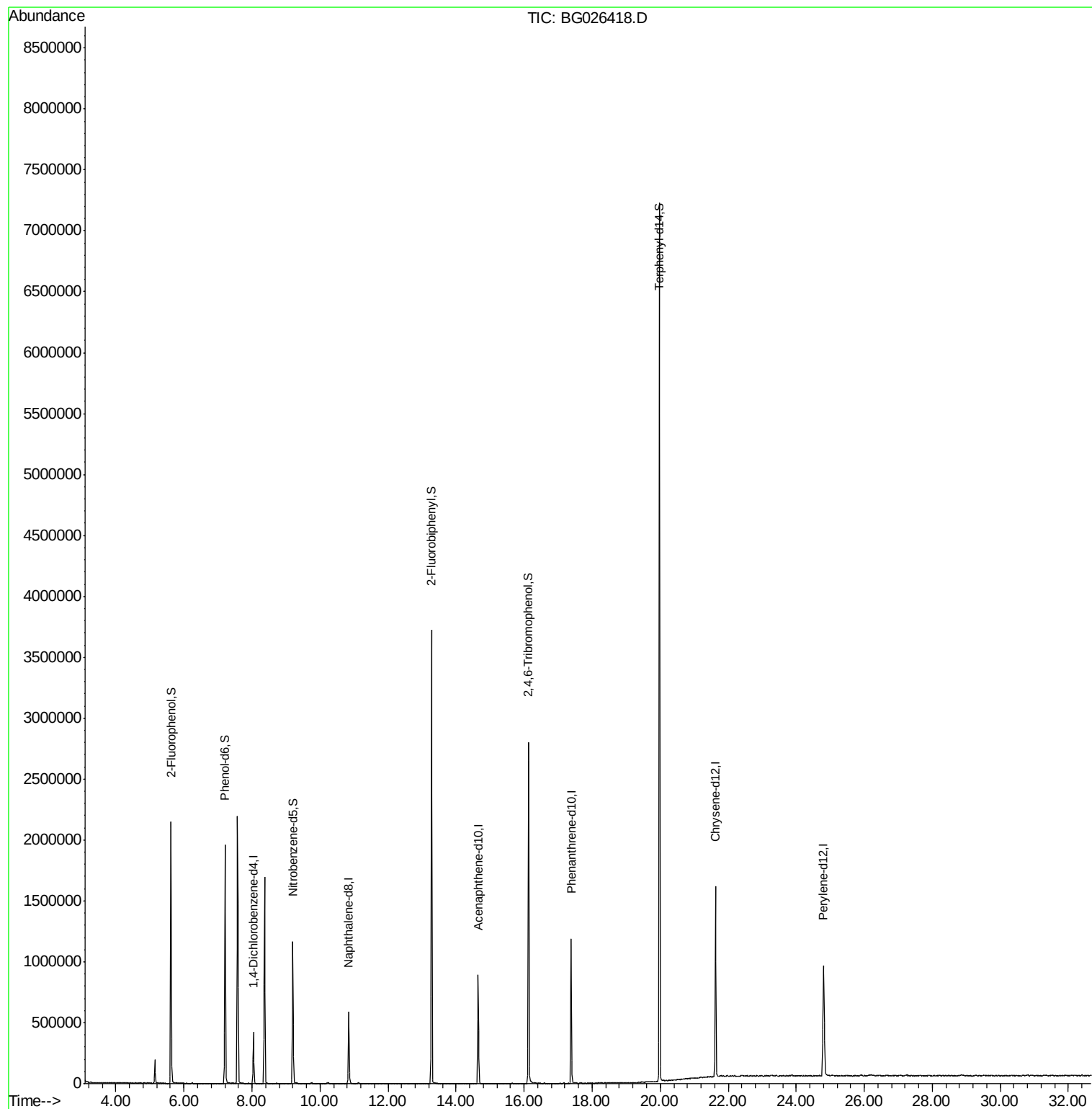
Target Compounds Qvalue

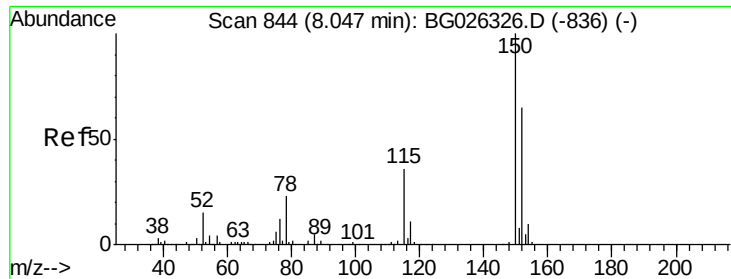
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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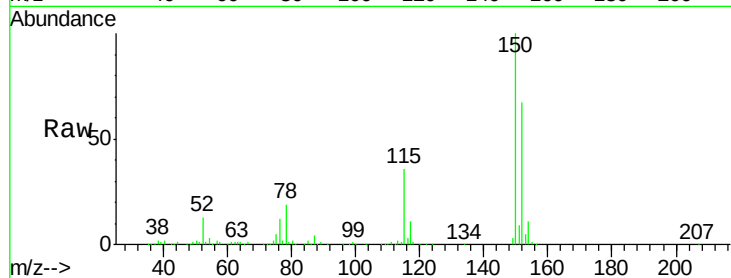


#1

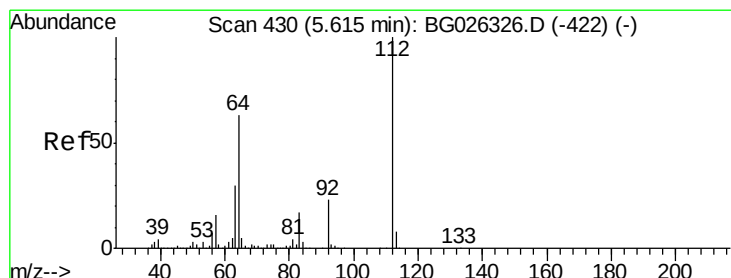
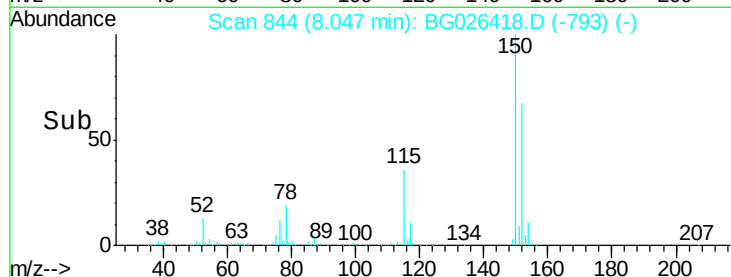
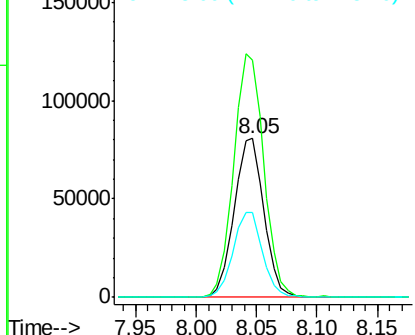
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG026418.D
Acq: 24 Mar 2017 17:13

Instrument :
BNA_G
ClientSampleId :
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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



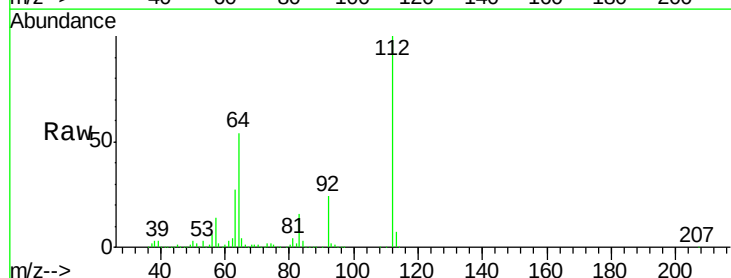
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



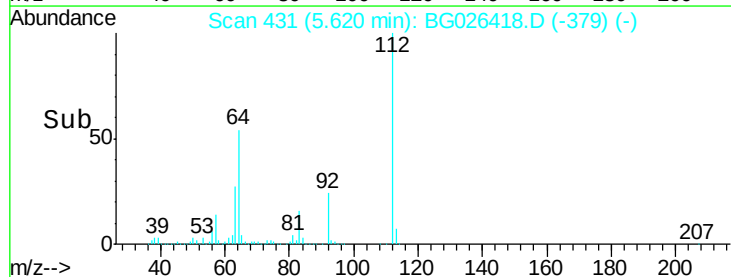
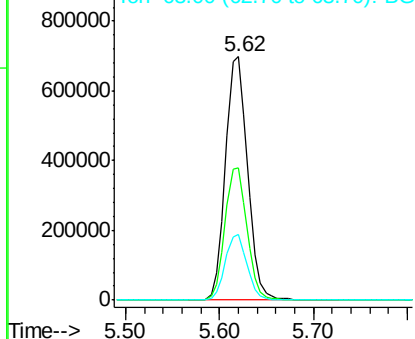
#5

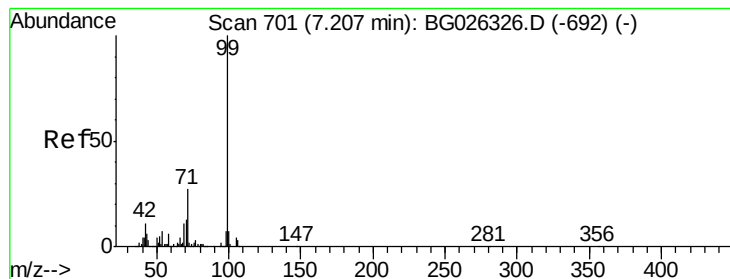
2-Fluorophenol
Concen: 146.19 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG026418.D
Acq: 24 Mar 2017 17:13

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 :

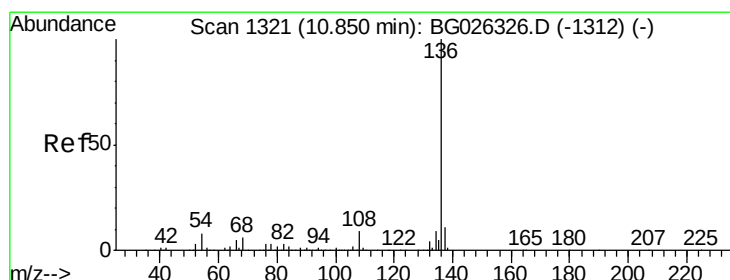
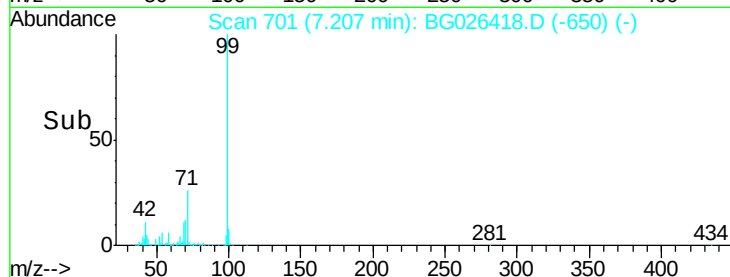
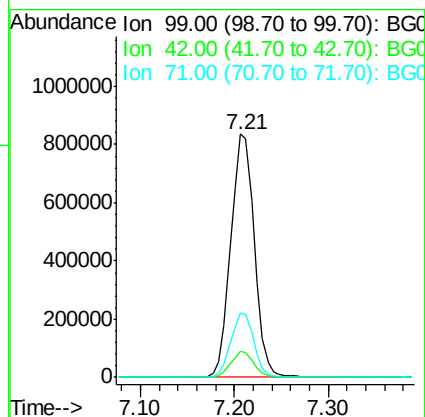
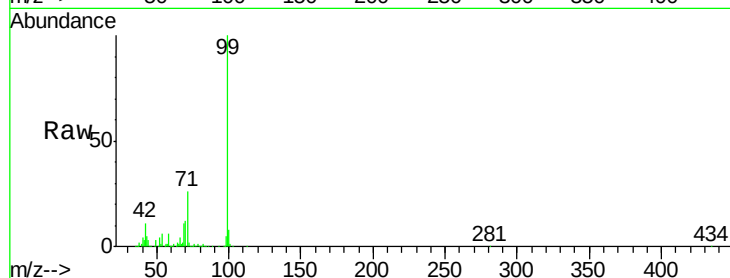
BNA_G

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

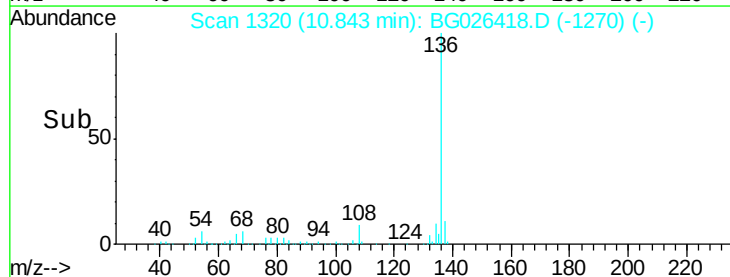
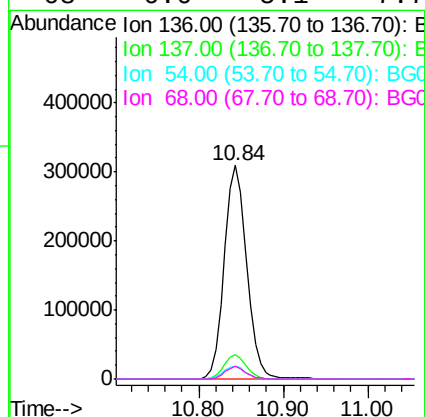
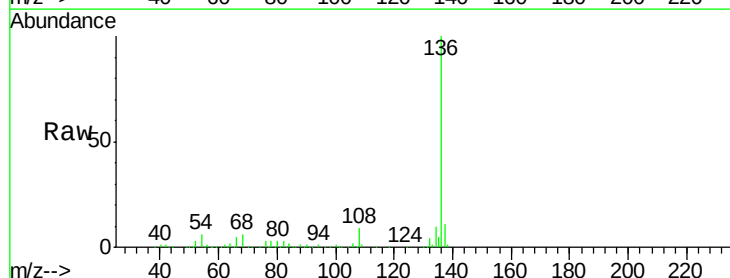
Delta R.T. -0.01 min

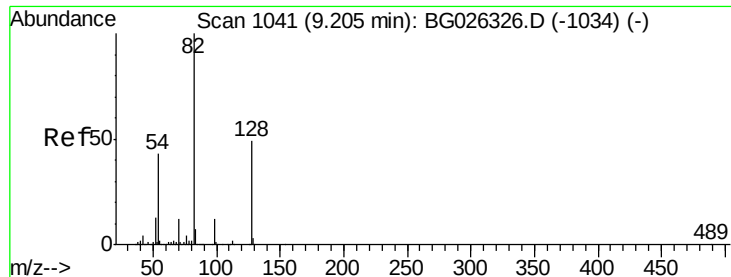
Lab File: BG026418.D

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

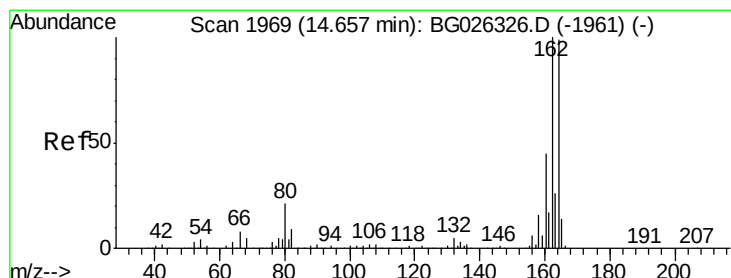
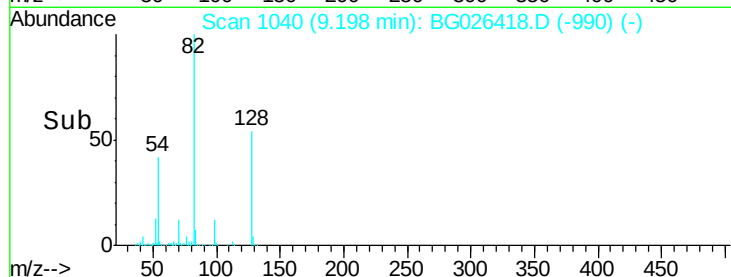
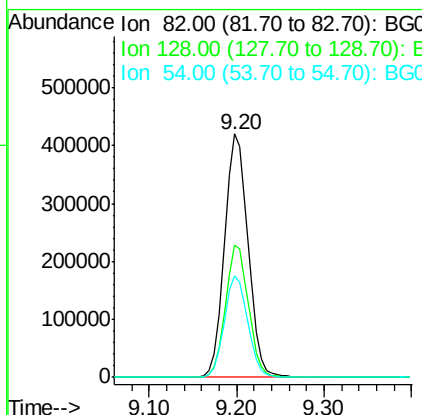
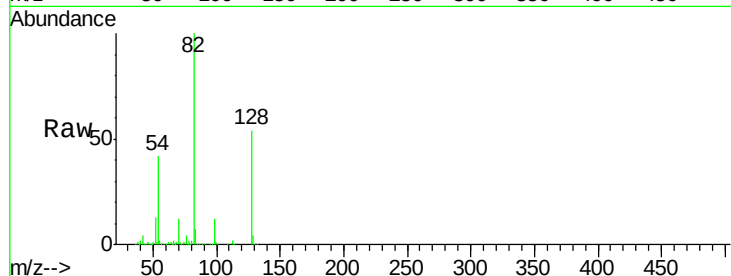




#23
 Nitrobenzene-d5
 Concen: 81.22 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026418.D
 Acq: 24 Mar 2017 17:13

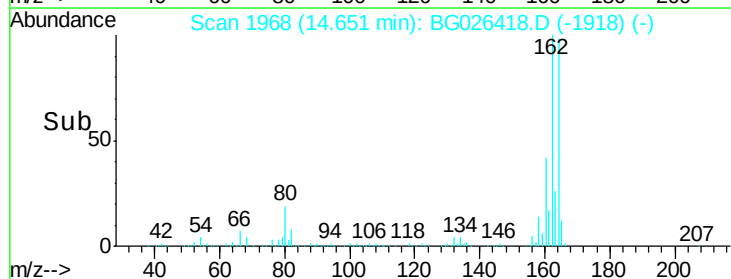
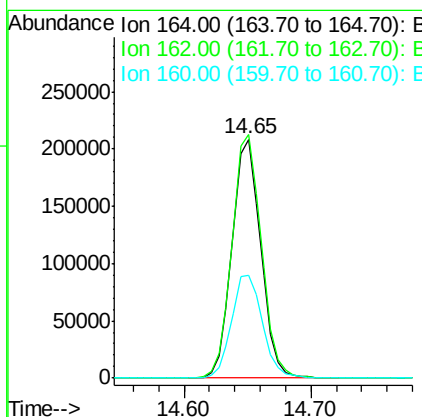
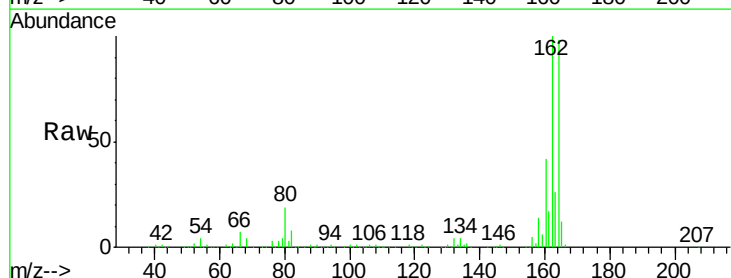
Instrument :
 BNA_G
 ClientSampleId :
 PB97805TB

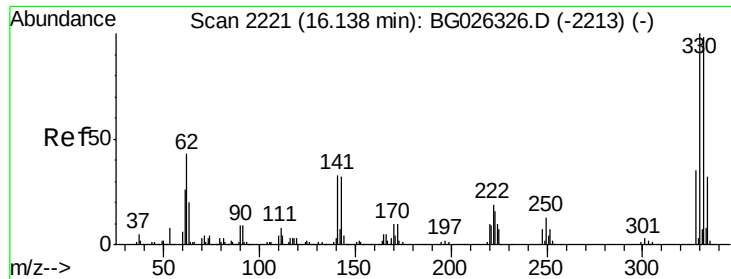
Tot Ion: 82 Resp: 768409
 Ion Ratio Lower Upper
 82 100
 128 54.5 26.4 39.6#
 54 41.6 49.4 74.2#



#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

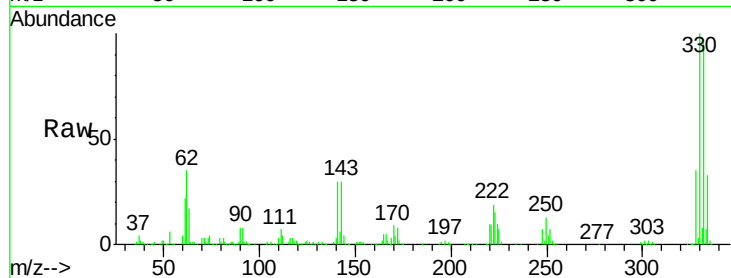
Tot Ion:330 Resp: 616754

Ion Ratio Lower Upper

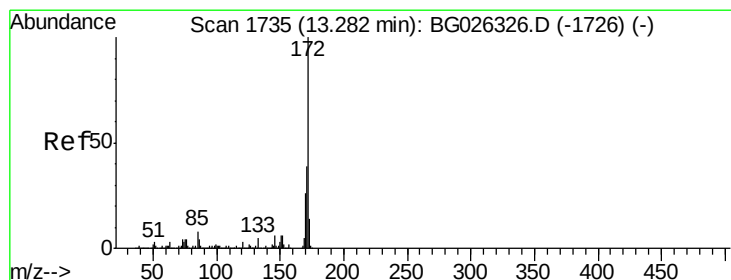
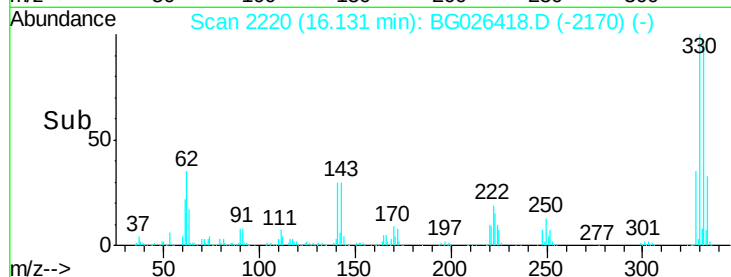
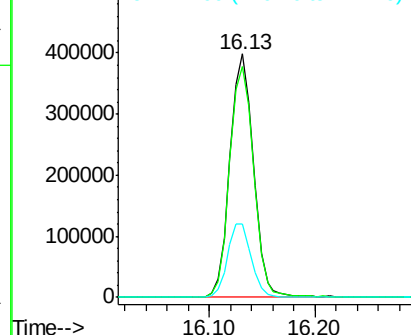
330 100

332 96.9 77.3 115.9

141 30.7 32.1 48.1#



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: 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

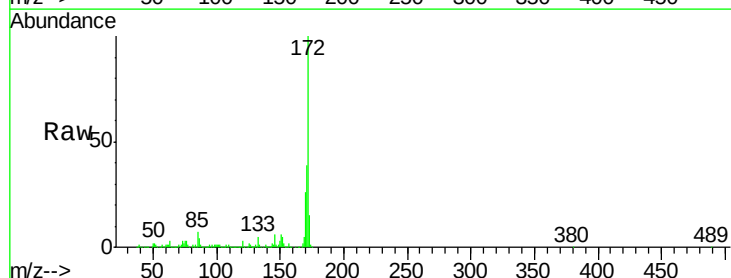
Tgt Ion:172 Resp: 2130076

Ion Ratio Lower Upper

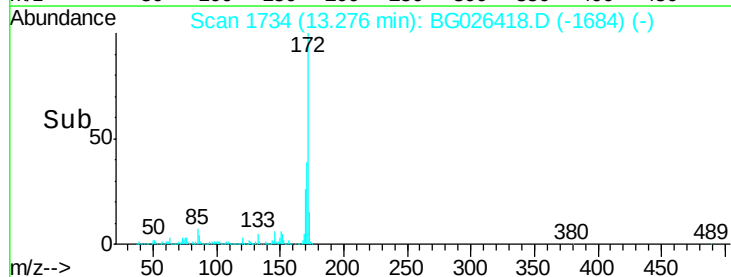
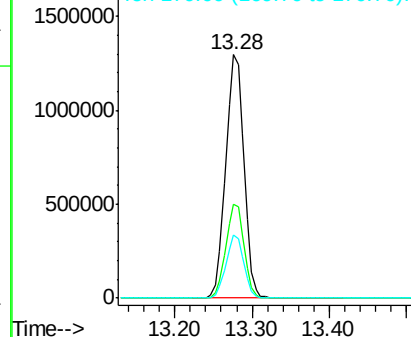
172 100

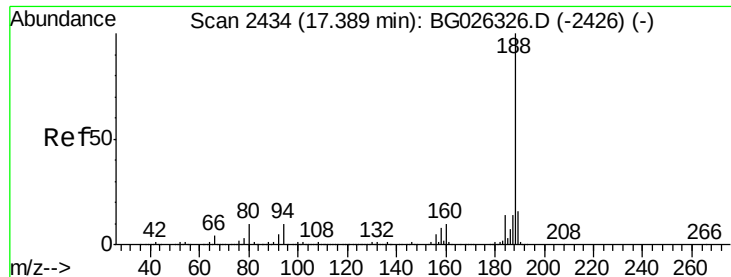
171 38.6 32.2 48.2

170 25.9 21.8 32.6



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: BG026418.D

Acq: 24 Mar 2017 17:13

Instrument :

BNA_G

ClientSampleId :

PB97805TB

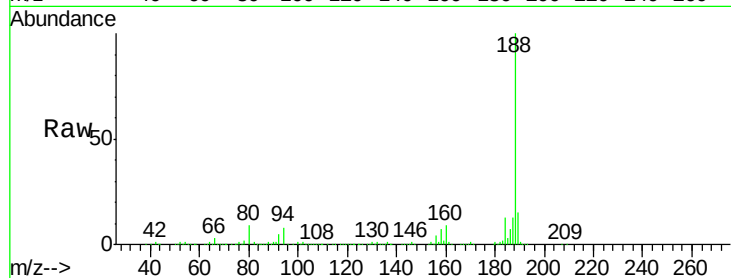
Tot Ion:188 Resp: 796147

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.8

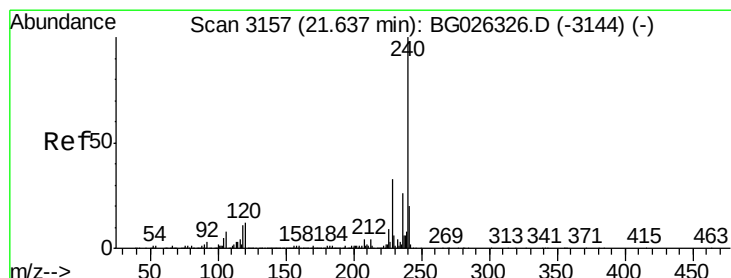
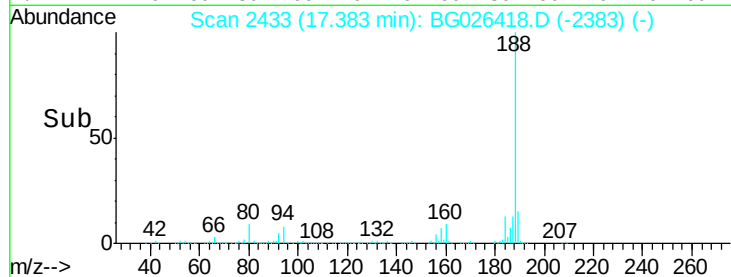
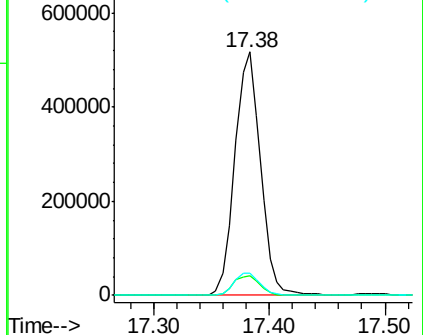
80 9.0 7.5 11.3



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: BG026418.D

Acq: 24 Mar 2017 17:13

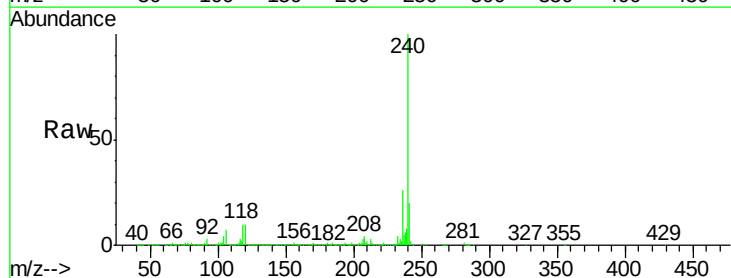
Tgt Ion:240 Resp: 998722

Ion Ratio Lower Upper

240 100

120 10.2 5.7 8.5#

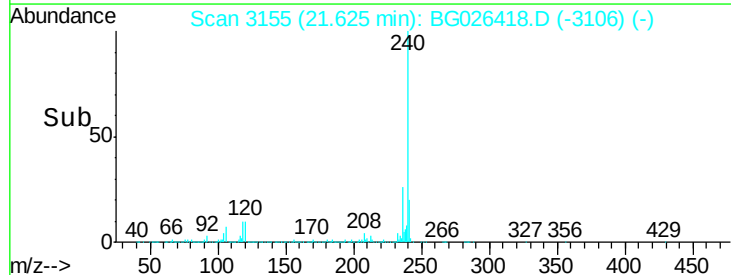
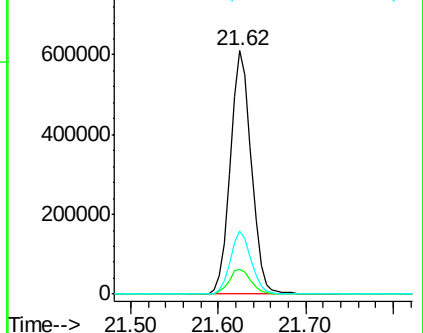
236 25.7 22.2 33.4

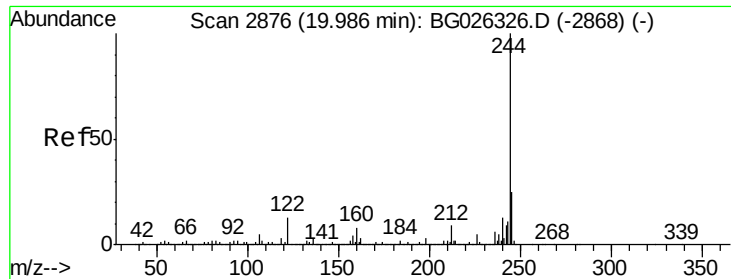


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 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

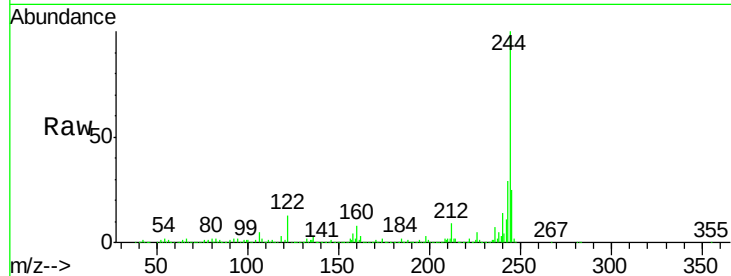
Tot Ion:244 Resp: 3135185

Ion Ratio Lower Upper

244 100

212 8.9 10.0 15.0#

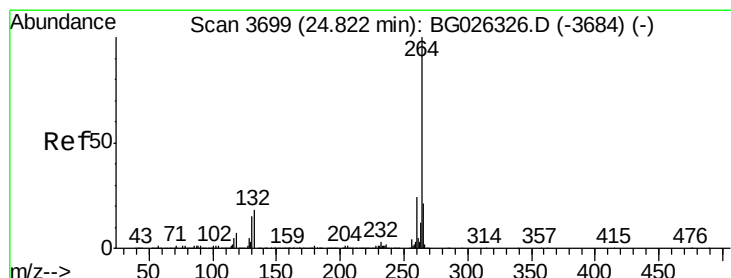
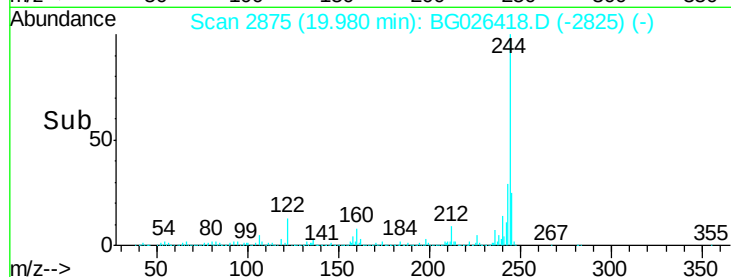
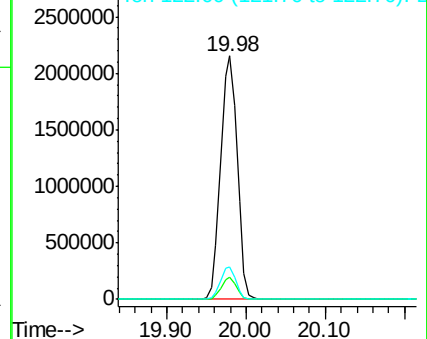
122 13.4 8.6 12.8#



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

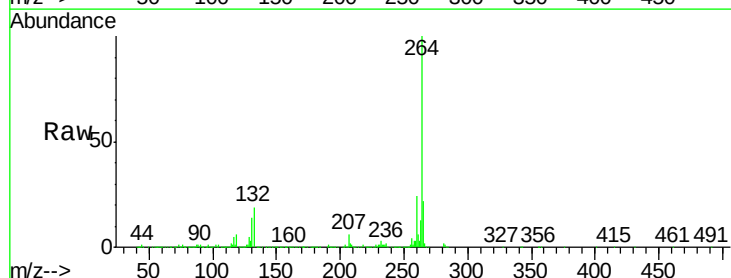
Tgt Ion:264 Resp: 977193

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 22.2 18.2 27.4



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

