

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026378.D
 Acq On : 22 Mar 2017 16:42
 Operator : SJ/MA
 Sample : PB97738BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97738BL

Quant Time: Mar 23 01:12:53 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	125492	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	522165	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	300112	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	737098	20.00	ng	0.00
75) Chrysene-d12	21.63	240	898146	20.00	ng	0.00
86) Perylene-d12	24.81	264	852276	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	968542	136.99	ng	0.00
7) Phenol-d6	7.20	99	1259115	132.65	ng	0.00
23) Nitrobenzene-d5	9.20	82	675696	77.81	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	514620	149.74	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1850884	86.49	ng	0.00
78) Terphenyl-d14	19.98	244	2721277	73.58	ng	0.00

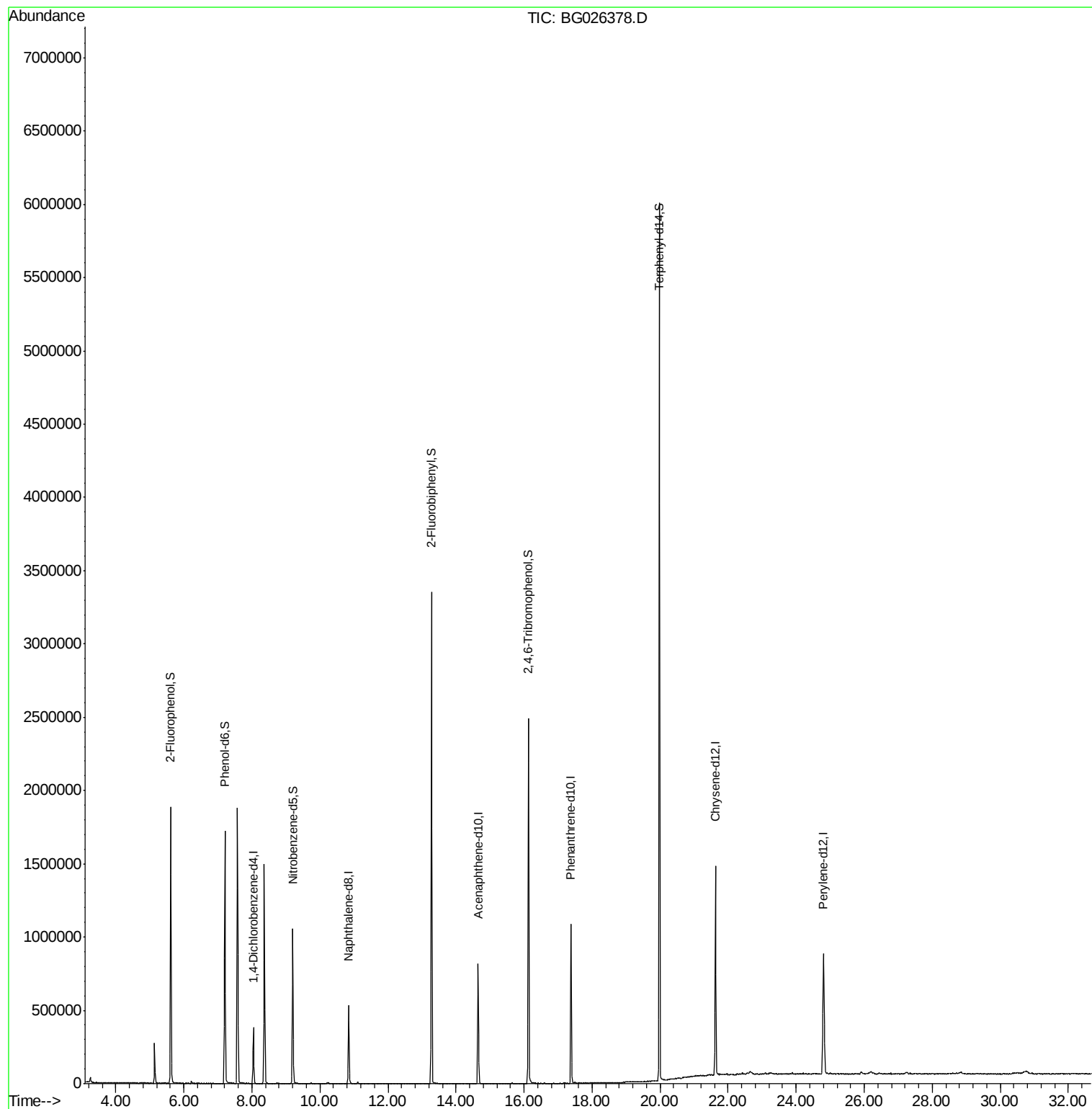
Target Compounds Qvalue

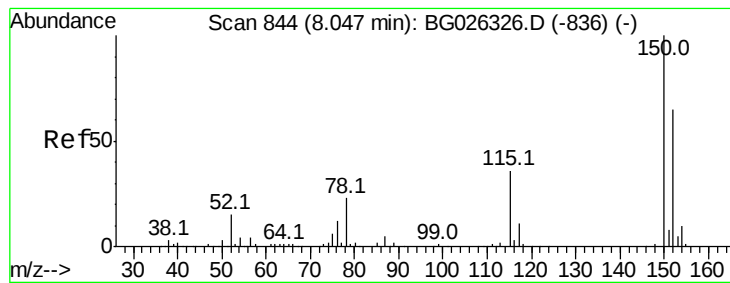
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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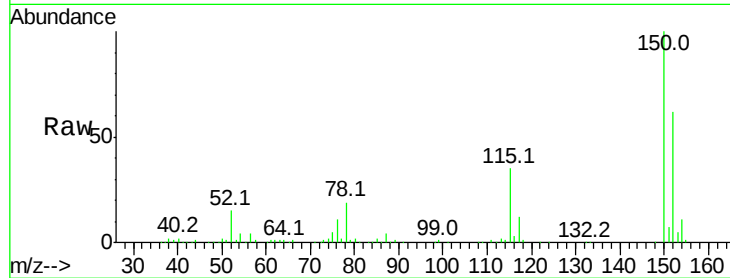


#1

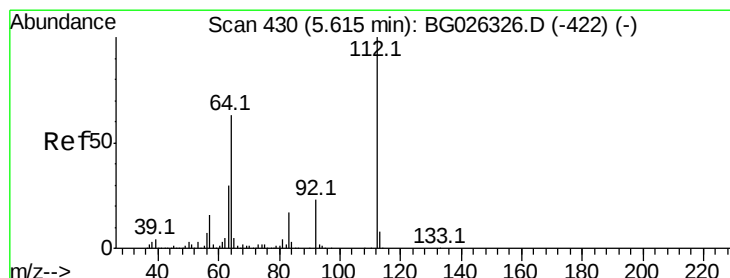
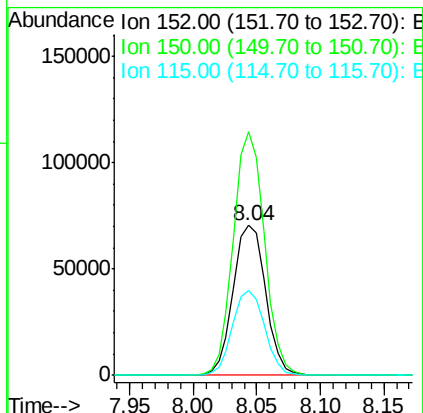
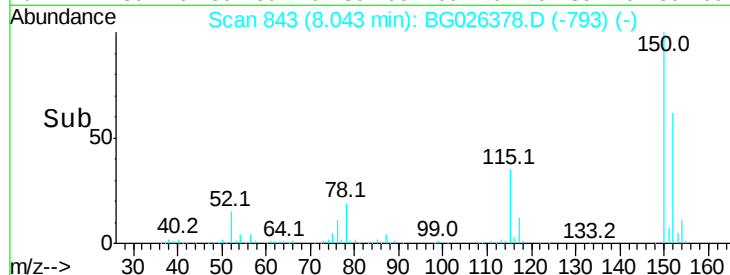
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026378.D
Acq: 22 Mar 2017 16:42

Instrument :
BNA_G
ClientSampleId :
PB97738BL

Tot Ion:152 Resp: 125492
Ion Ratio Lower Upper
152 100
150 162.3 114.0 171.0
115 56.7 48.1 72.1



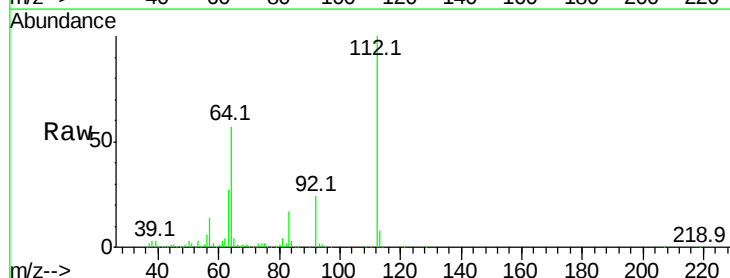
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



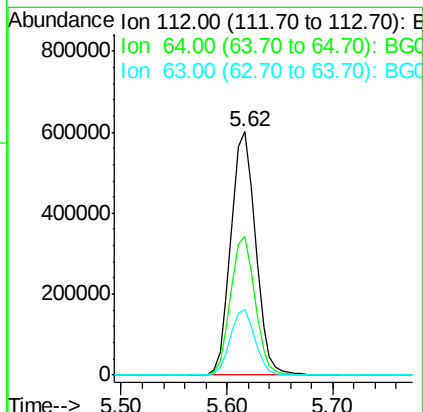
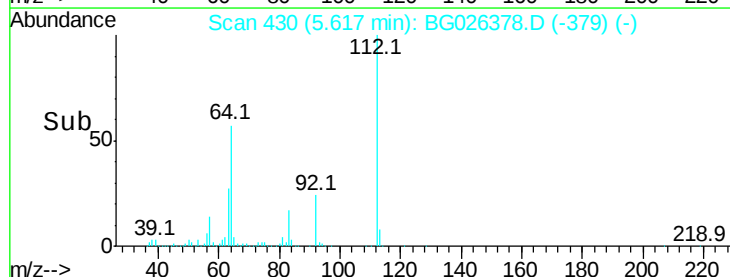
#5

2-Fluorophenol
Concen: 136.99 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026378.D
Acq: 22 Mar 2017 16:42

Tgt Ion:112 Resp: 968542
Ion Ratio Lower Upper
112 100
64 56.7 61.8 92.6#
63 26.9 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 132.65 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026378.D

Acq: 22 Mar 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB97738BL

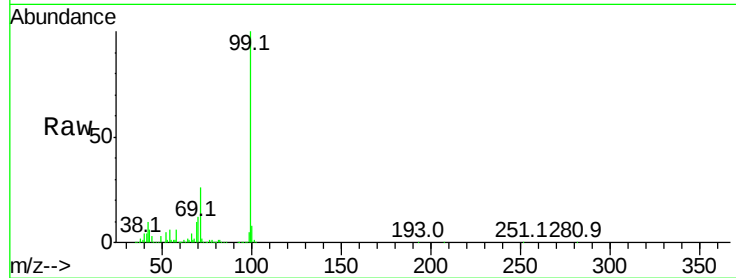
Tot Ion: 99 Resp: 1259115

Ion Ratio Lower Upper

99 100

42 10.5 20.5 30.7#

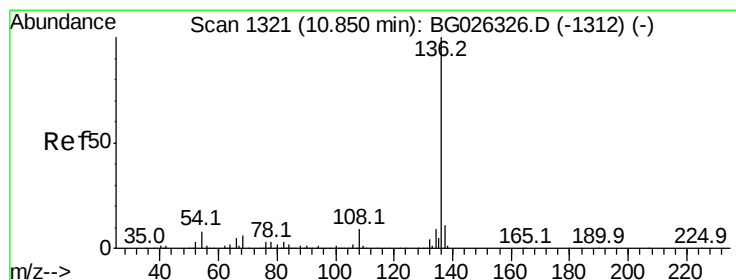
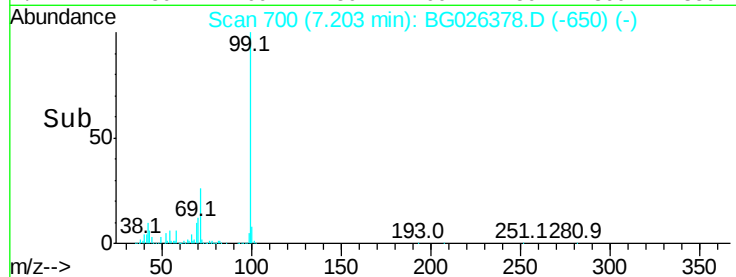
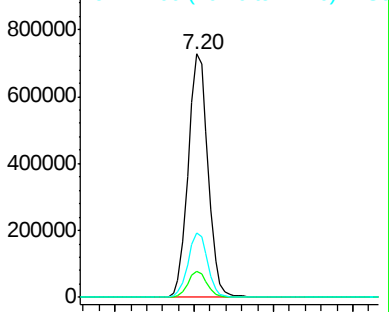
71 26.3 37.6 56.4#



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: 10.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG026378.D

Acq: 22 Mar 2017 16:42

Tgt Ion: 136 Resp: 522165

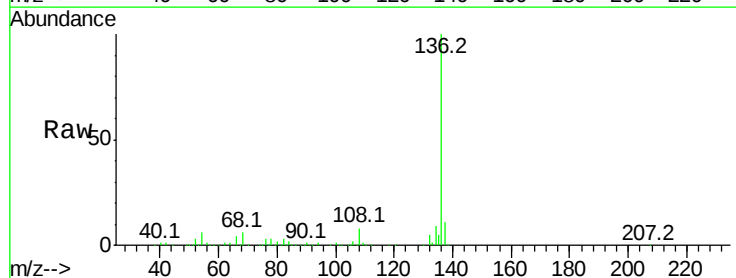
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 5.9 9.3 13.9#

68 5.6 5.1 7.7

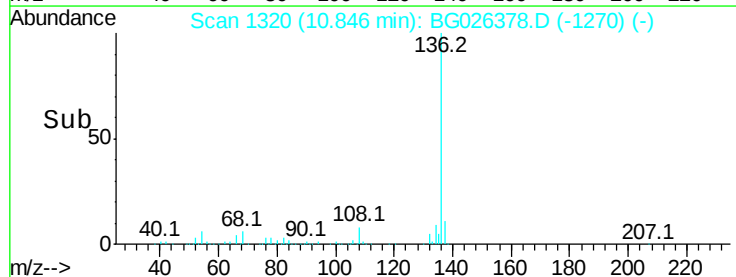
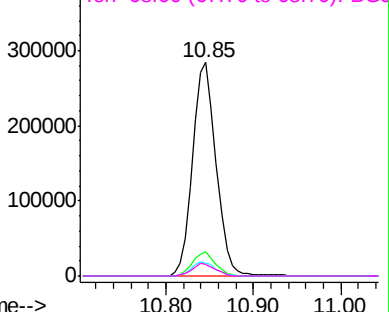


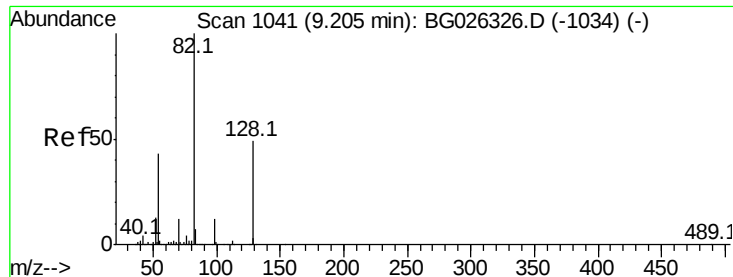
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

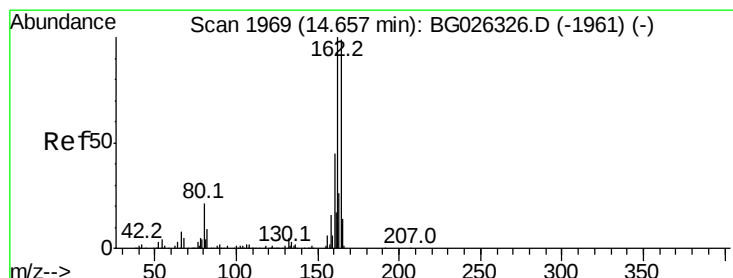
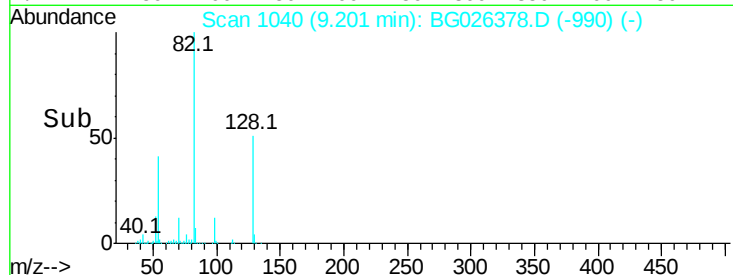
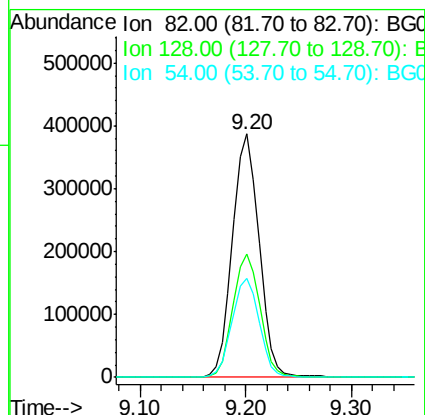
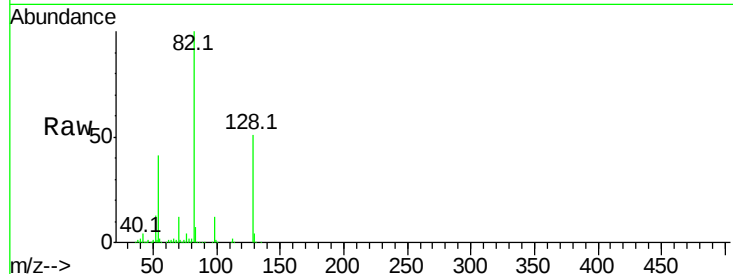




#23
 Nitrobenzene-d5
 Concen: 77.81 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026378.D
 Acq: 22 Mar 2017 16:42

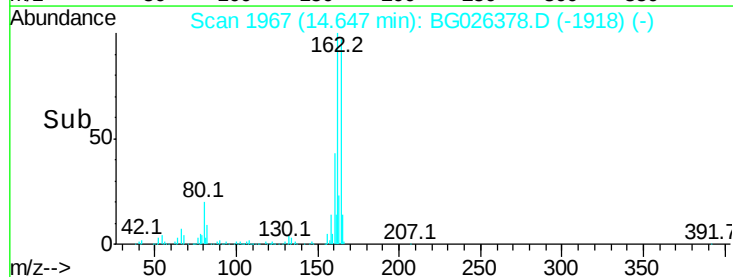
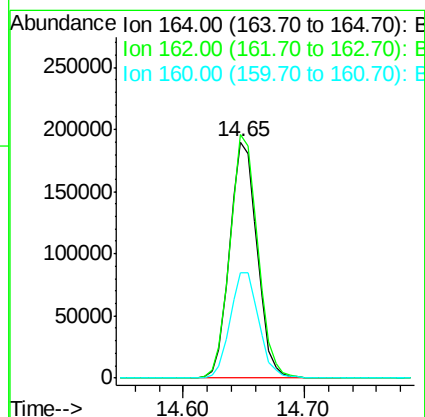
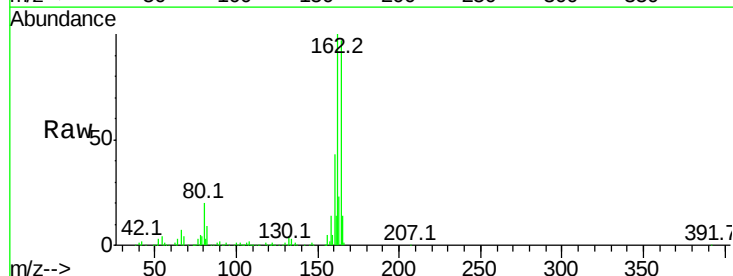
Instrument :
 BNA_G
 ClientSampleId :
 PB97738BL

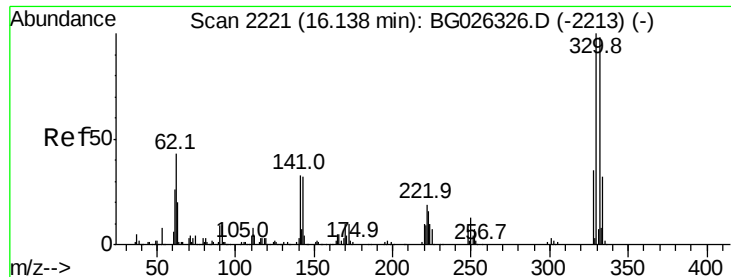
Tot Ion	82	Resp	675696
Ion Ratio	100	Lower	Upper
128	50.9	26.4	39.6#
54	40.9	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026378.D
 Acq: 22 Mar 2017 16:42

Tgt Ion	164	Resp	300112
Ion Ratio	100	Lower	Upper
162	103.0	85.1	127.7
160	44.5	34.7	52.1

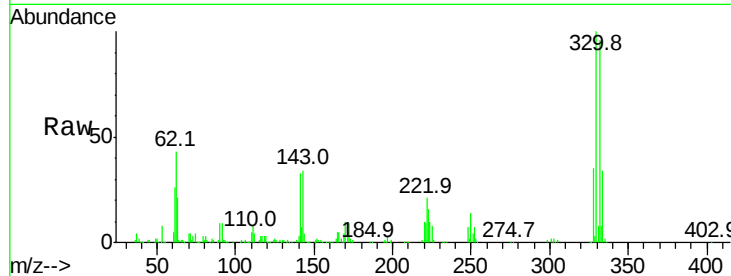




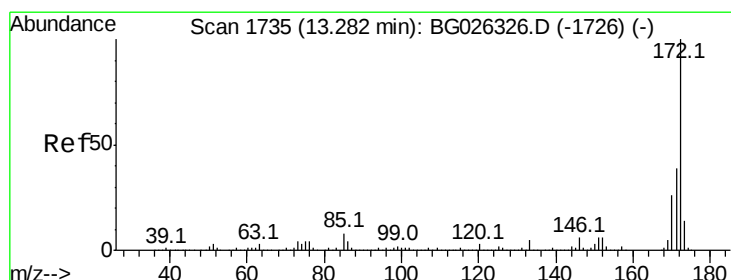
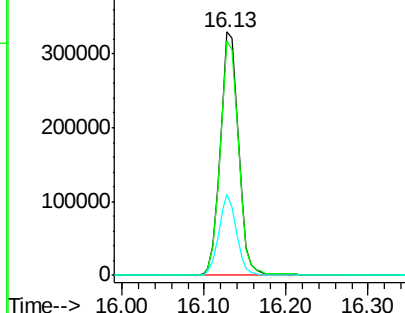
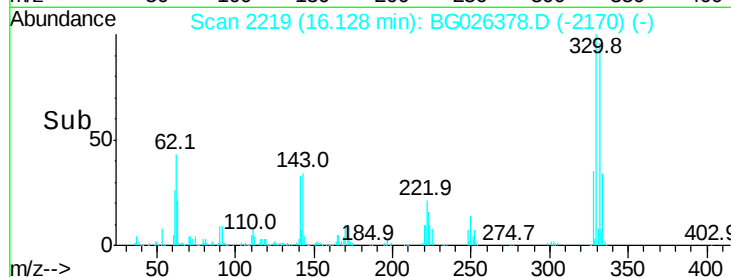
#41
2,4,6-Tribromophenol
Concen: 149.74 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG026378.D
Acq: 22 Mar 2017 16:42

Instrument :
BNA_G
ClientSampleId :
PB97738BL

Tot Ion:330 Resp: 514620
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 32.2 32.1 48.1

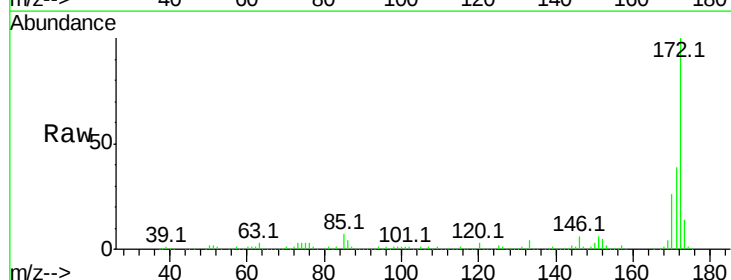


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

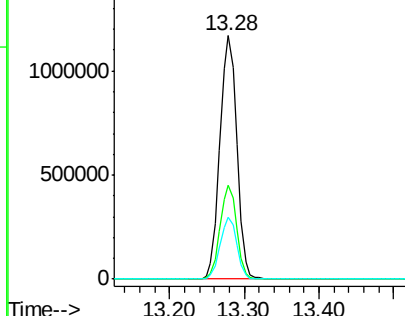
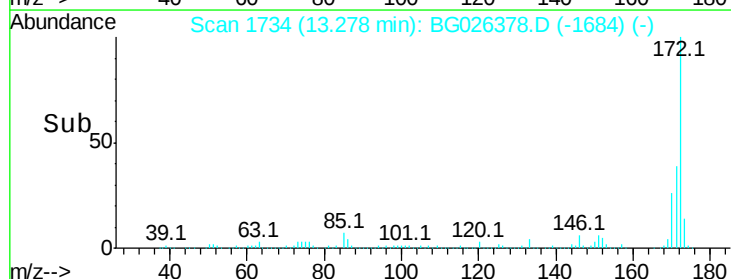


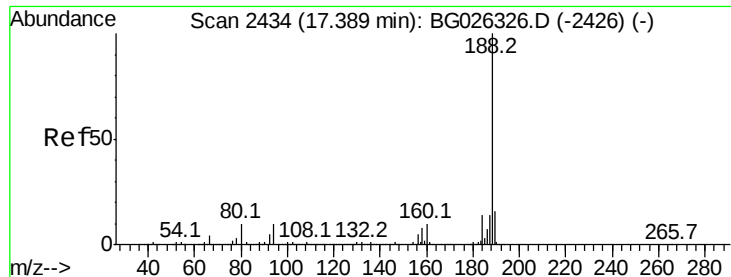
#44
2-Fluorobiphenyl
Concen: 86.49 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG026378.D
Acq: 22 Mar 2017 16:42

Tgt Ion:172 Resp: 1850884
Ion Ratio Lower Upper
172 100
171 38.8 32.2 48.2
170 25.6 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# 2432

Delta R.T. -0.01 min

Lab File: BG026378.D

Acq: 22 Mar 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB97738BL

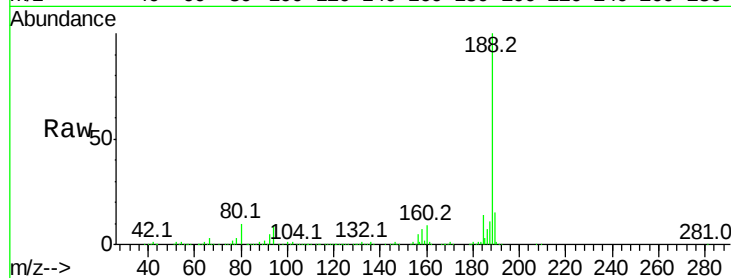
Tot Ion:188 Resp: 737098

Ion Ratio Lower Upper

188 100

94 9.3 5.8 8.8#

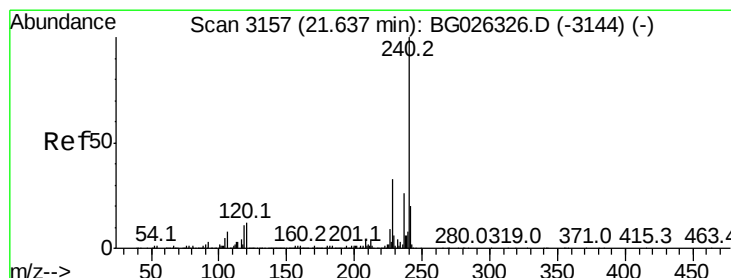
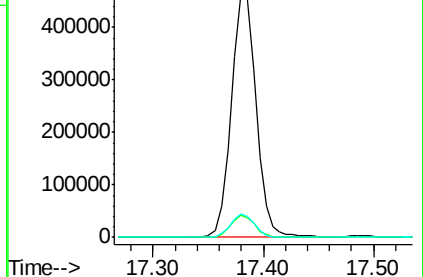
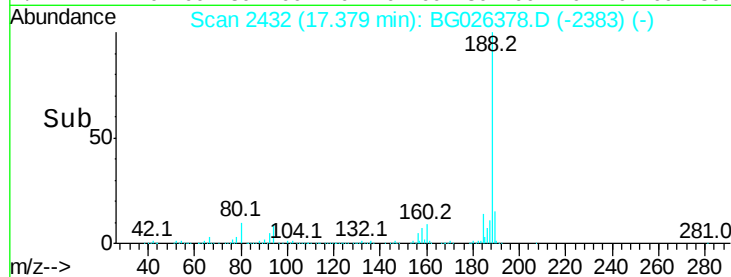
80 9.8 7.5 11.3



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: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026378.D

Acq: 22 Mar 2017 16:42

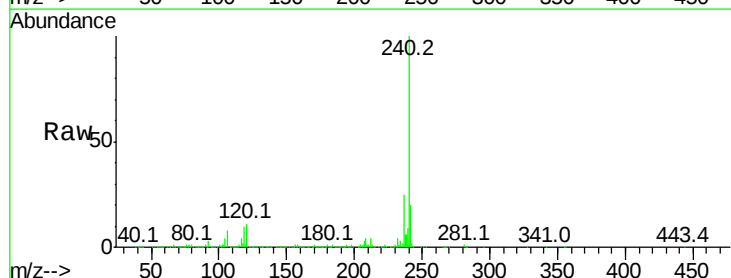
Tgt Ion:240 Resp: 898146

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

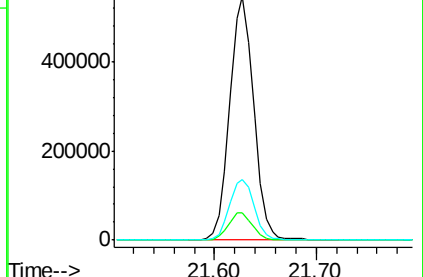
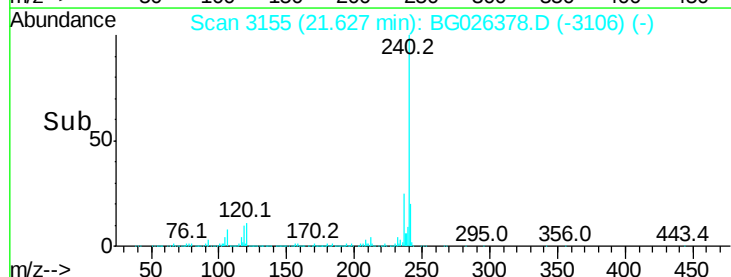
236 25.1 22.2 33.4

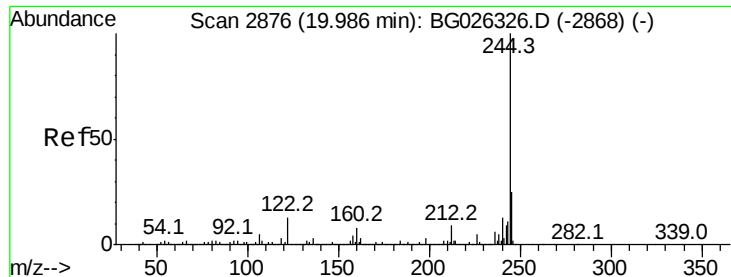


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.58 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG026378.D

Acq: 22 Mar 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB97738BL

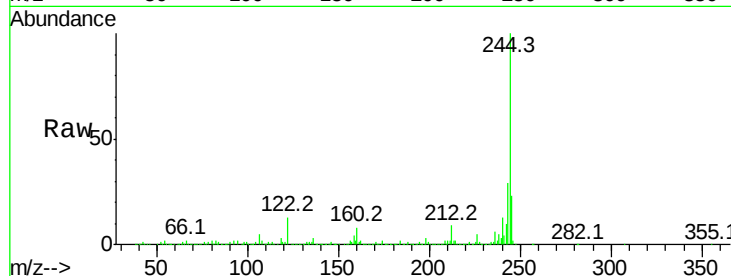
Tot Ion:244 Resp: 2721277

Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

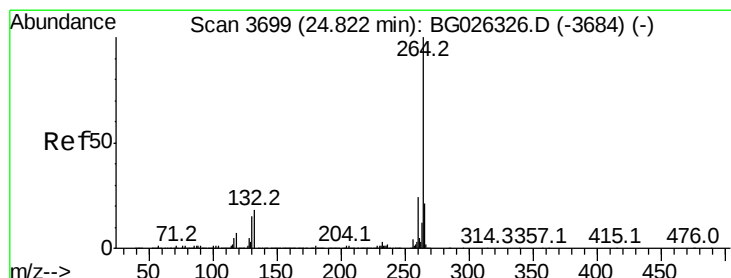
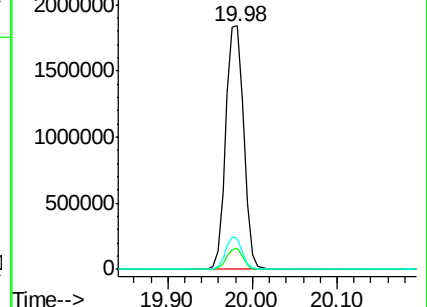
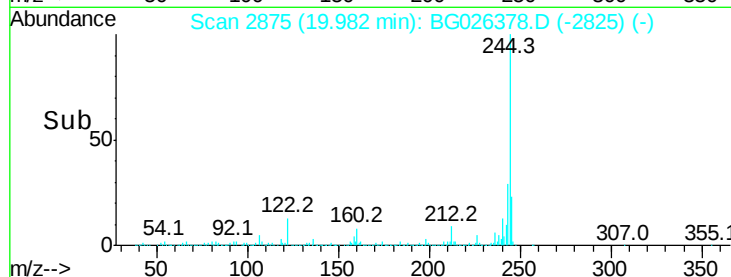
122 12.8 8.6 12.8



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: 24.81 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026378.D

Acq: 22 Mar 2017 16:42

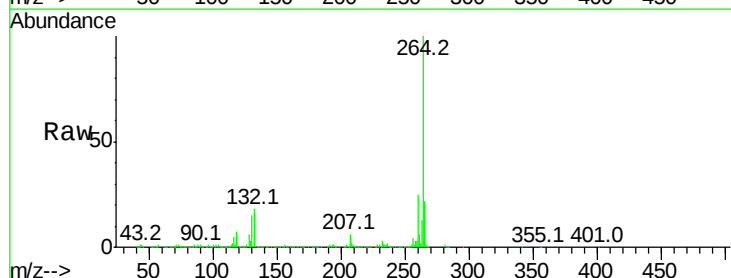
Tgt Ion:264 Resp: 852276

Ion Ratio Lower Upper

264 100

260 25.4 21.8 32.8

265 22.1 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

