

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026390.D
 Acq On : 23 Mar 2017 00:34
 Operator : SJ/MA
 Sample : I2350-20
 Misc : L00 20 PPB
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 01:15:36 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

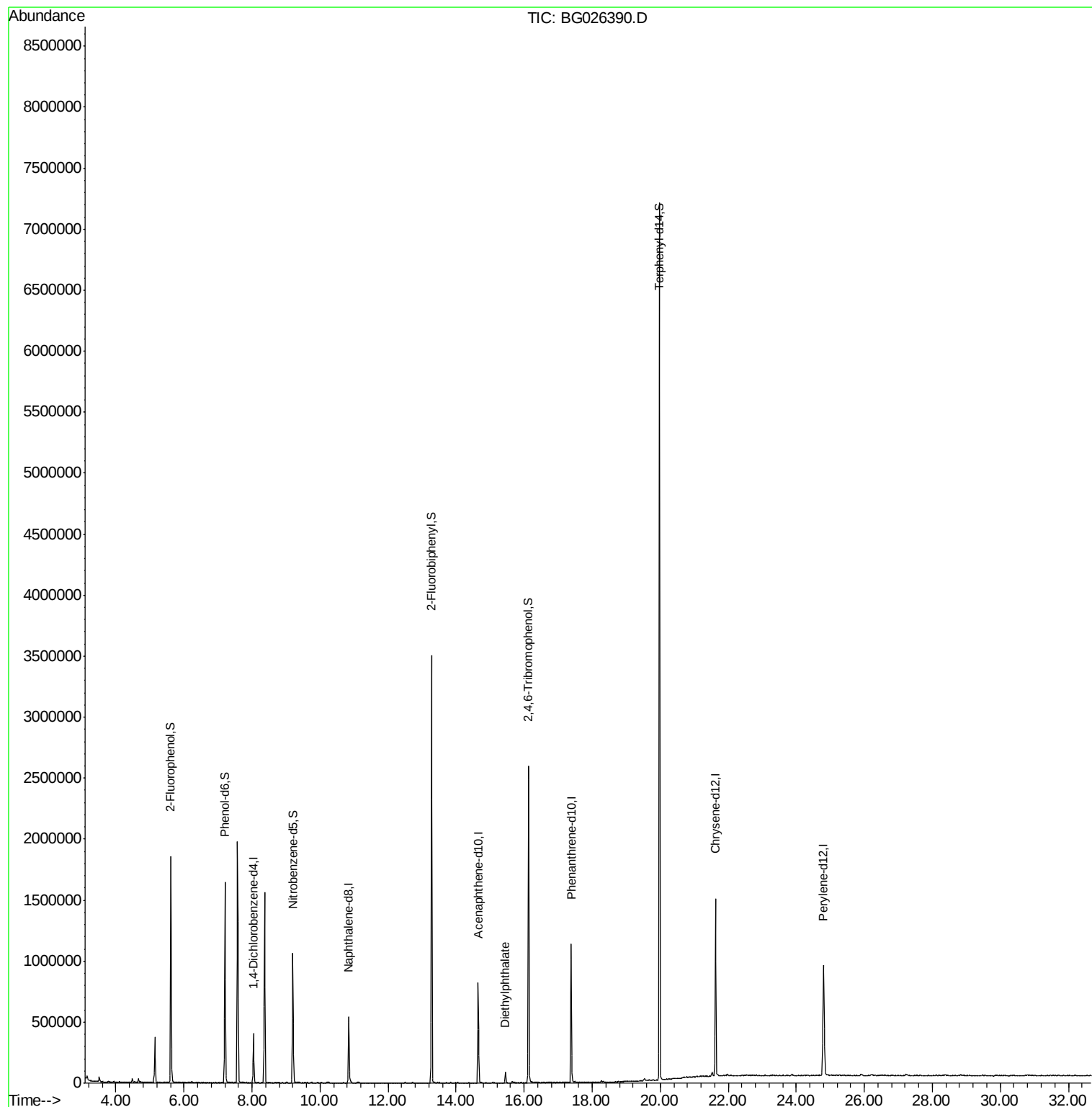
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	134568	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	525992	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	294941	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	734097	20.00	ng	0.00
75) Chrysene-d12	21.62	240	961043	20.00	ng	-0.01
86) Perylene-d12	24.80	264	926718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	984314	129.83	ng	0.00
7) Phenol-d6	7.21	99	1185057	116.43	ng	0.00
23) Nitrobenzene-d5	9.20	82	716092	81.86	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	556459	164.75	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	1953077	92.86	ng	0.00
78) Terphenyl-d14	19.98	244	2977711	75.25	ng	0.00
Target Compounds						
59) Diethylphthalate	15.45	149	57289	2.52	ng	Qvalue 98

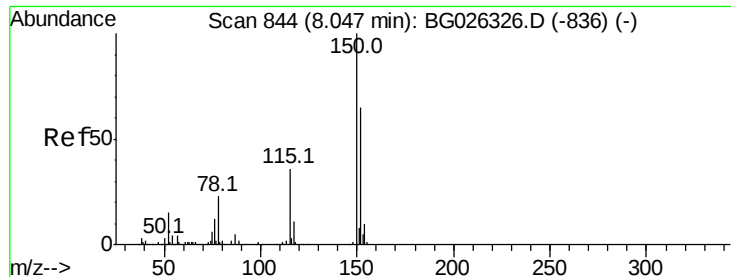
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 20 17:43:27 2017
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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: BG026390.D

Acq: 23 Mar 2017 00:34

Instrument :

BNA_G

ClientSampleId :

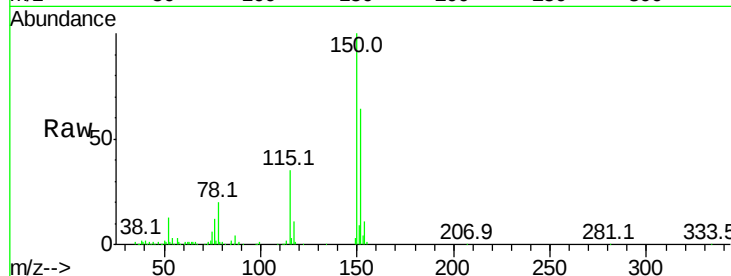
Tot Ion:152 Resp: 134568

Ion Ratio Lower Upper

152 100

150 155.4 114.0 171.0

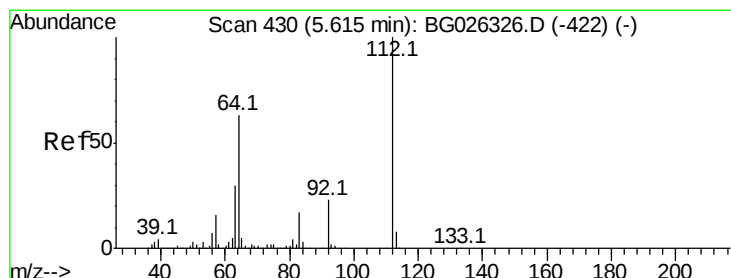
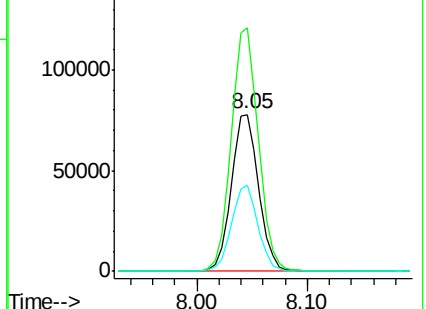
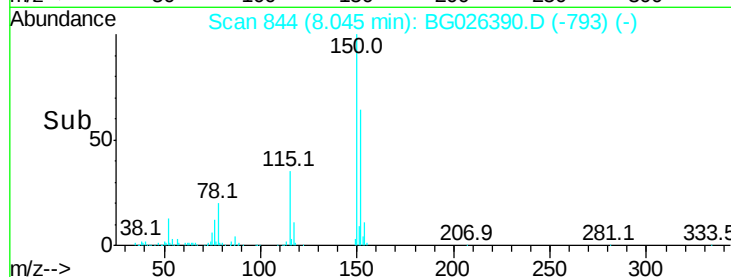
115 55.1 48.1 72.1



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: 129.83 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026390.D

Acq: 23 Mar 2017 00:34

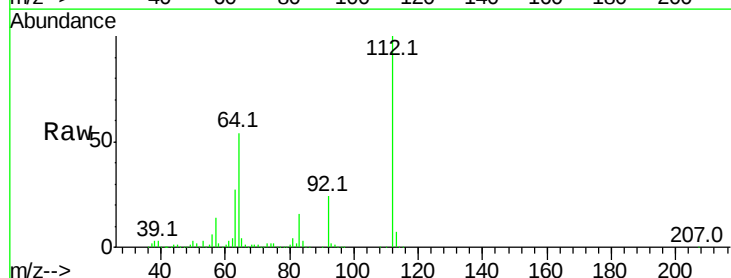
Tgt Ion:112 Resp: 984314

Ion Ratio Lower Upper

112 100

64 54.3 61.8 92.6#

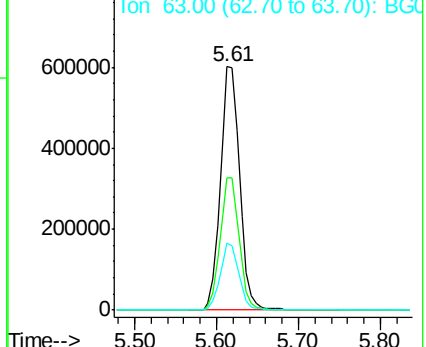
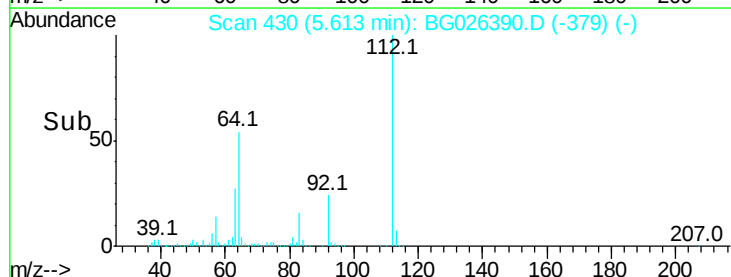
63 27.3 37.2 55.8#



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: 116.43 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026390.D

Acq: 23 Mar 2017 00:34

Instrument :

BNA_G

ClientSampleId :

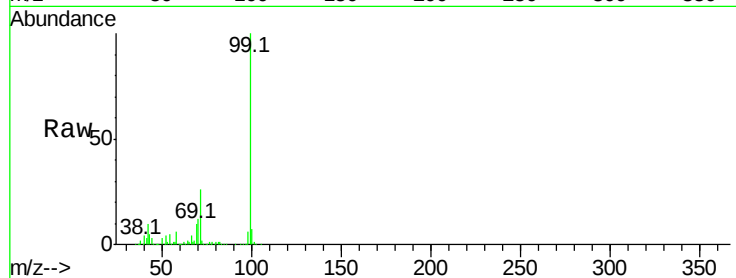
Tot Ion: 99 Resp: 1185057

Ion Ratio Lower Upper

99 100

42 10.3 20.5 30.7#

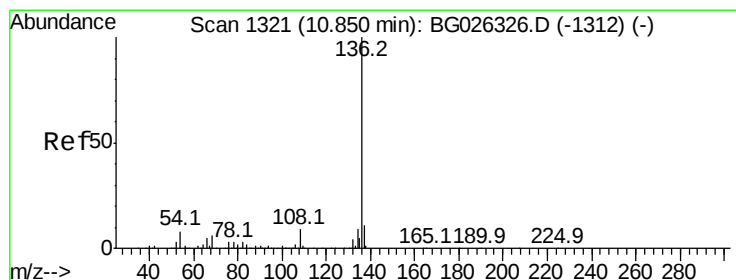
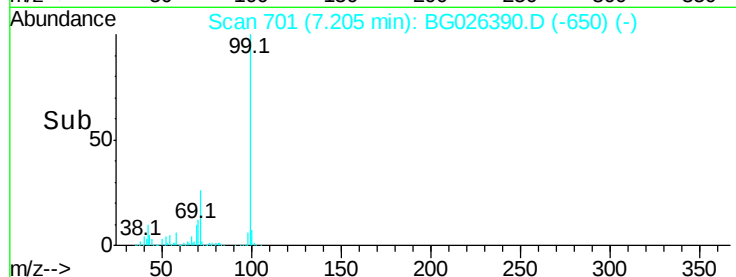
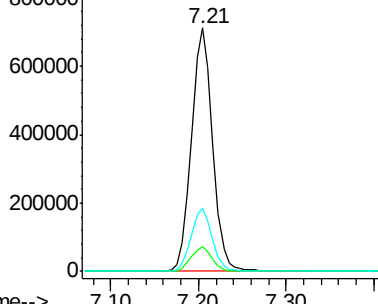
71 26.1 37.6 56.4#



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: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026390.D

Acq: 23 Mar 2017 00:34

Tgt Ion: 136 Resp: 525992

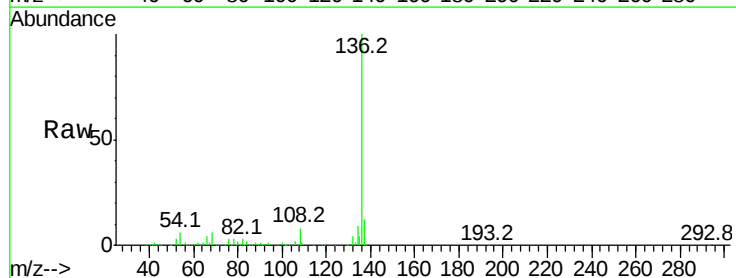
Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

54 6.4 9.3 13.9#

68 5.5 5.1 7.7

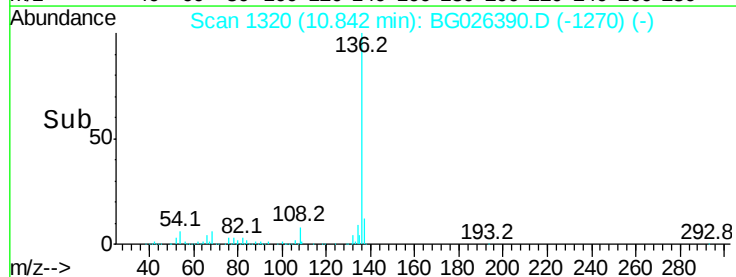
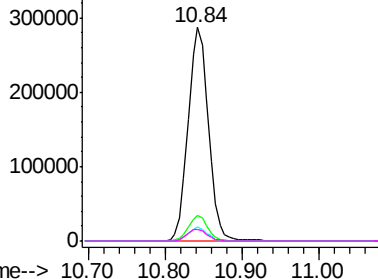


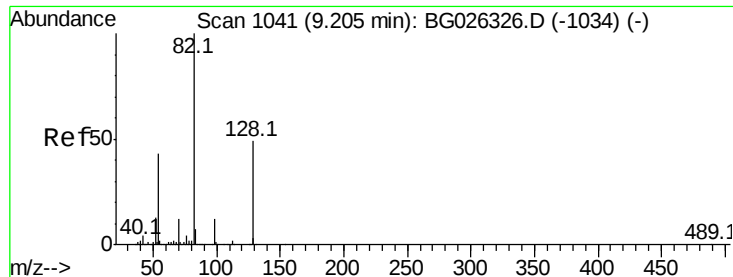
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

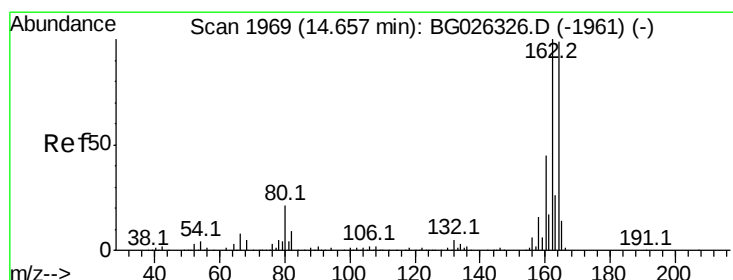
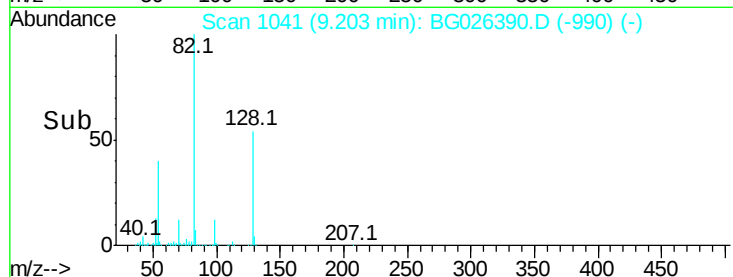
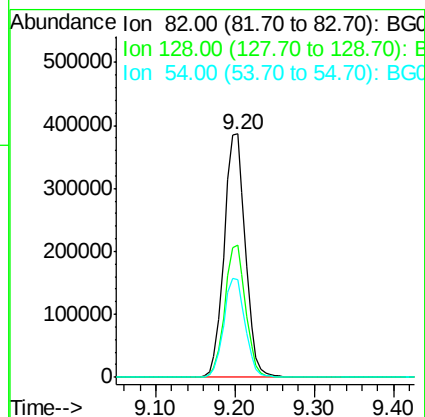
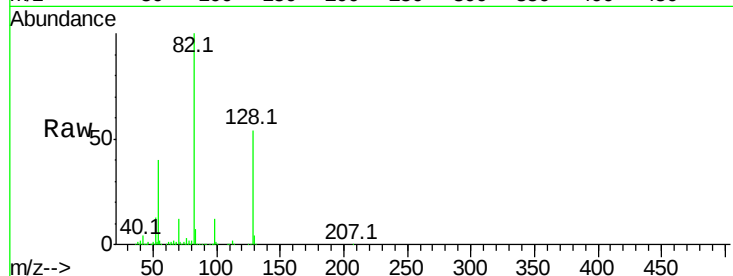




#23
 Nitrobenzene-d5
 Concen: 81.86 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG026390.D
 Acq: 23 Mar 2017 00:34

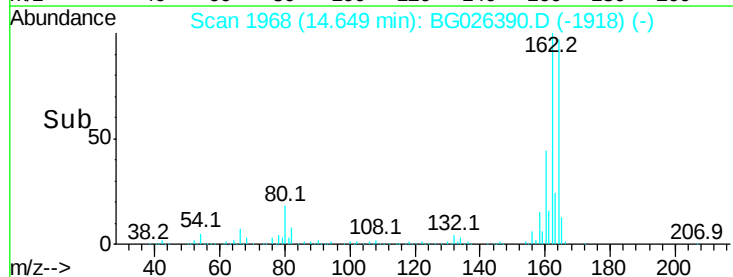
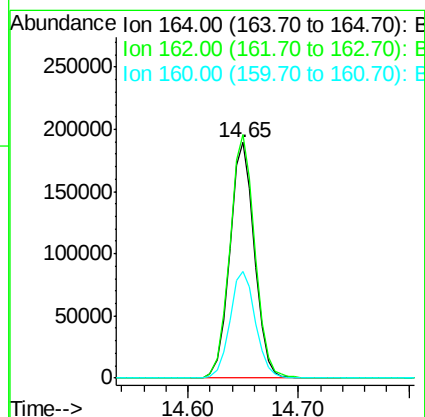
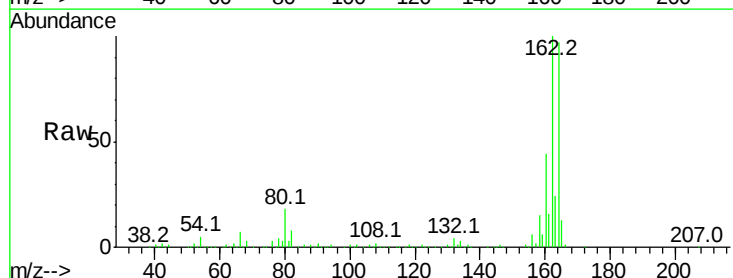
Instrument :
 BNA_G
 ClientSampleId :

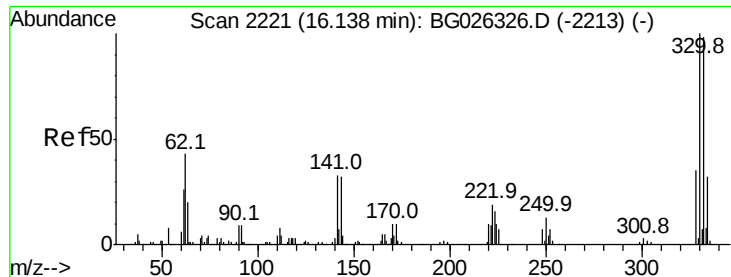
Tot Ion	82	Resp	716092
Ion	Ratio	Lower	Upper
82	100		
128	54.1	26.4	39.6#
54	40.2	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026390.D
 Acq: 23 Mar 2017 00:34

Tgt Ion	164	Resp	294941
Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.1	127.7
160	45.3	34.7	52.1

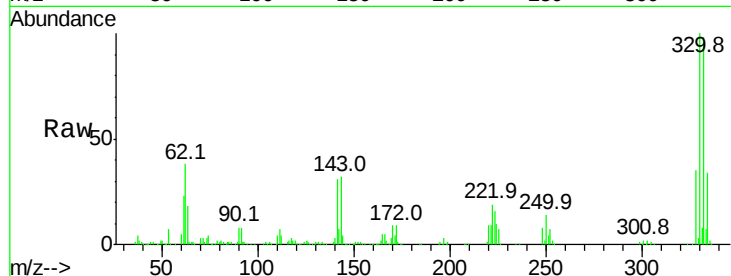




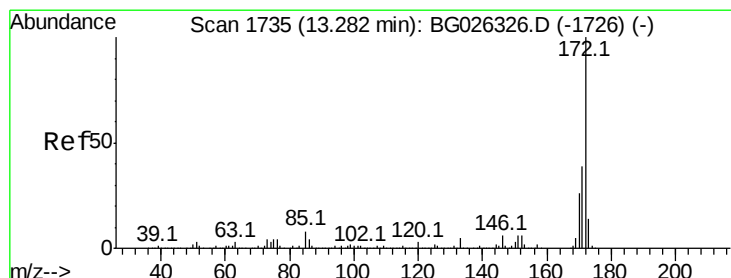
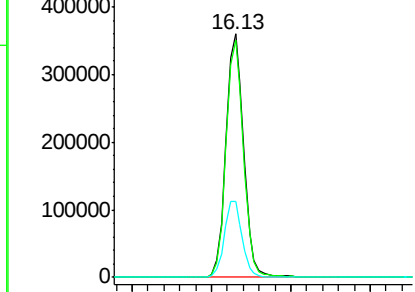
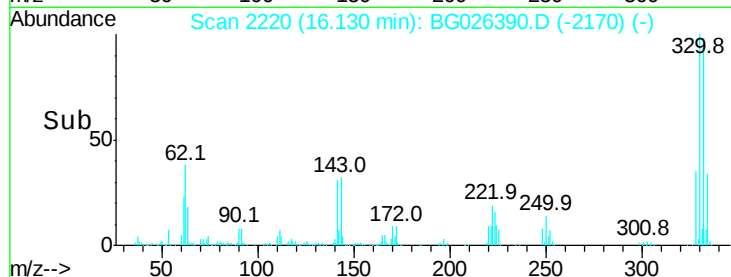
#41
 2,4,6-Tribromophenol
 Concen: 164.75 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026390.D
 Acq: 23 Mar 2017 00:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	31.2	32.1	48.1#

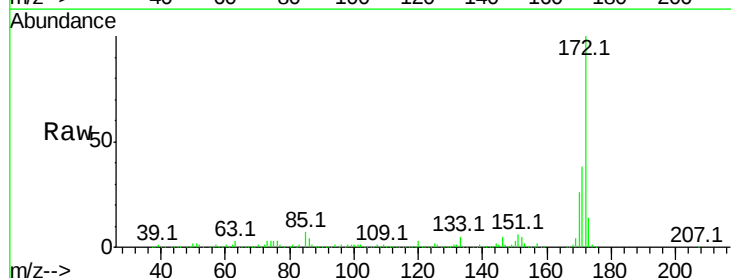


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

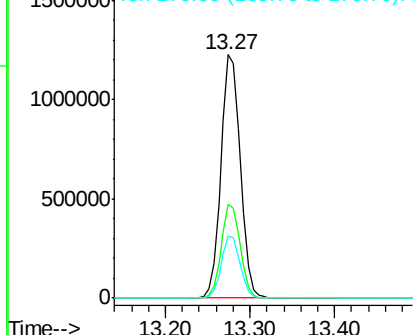
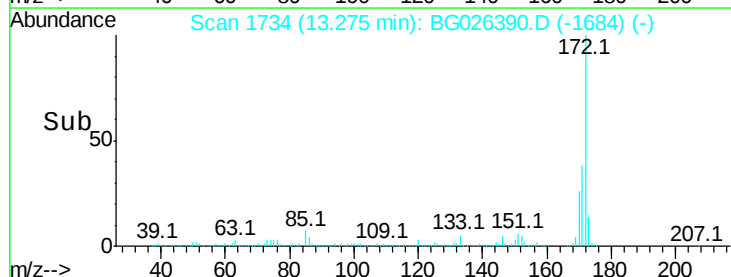


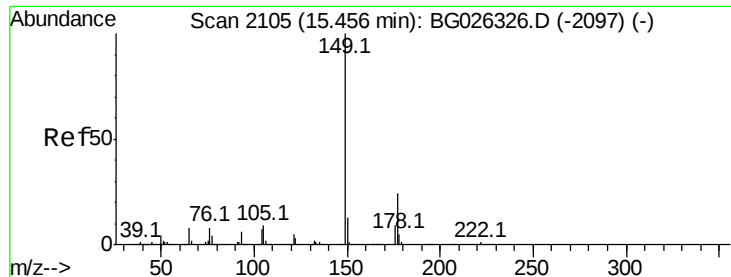
#44
 2-Fluorobiphenyl
 Concen: 92.86 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026390.D
 Acq: 23 Mar 2017 00:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.2	48.2
170	25.5	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

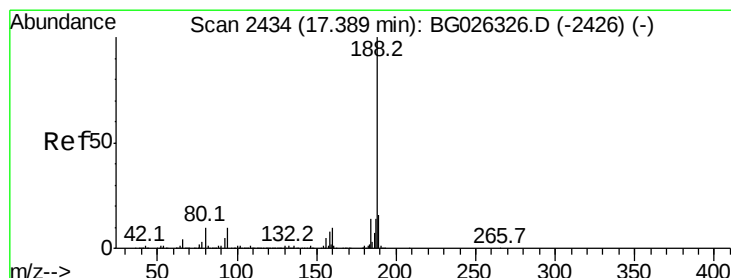
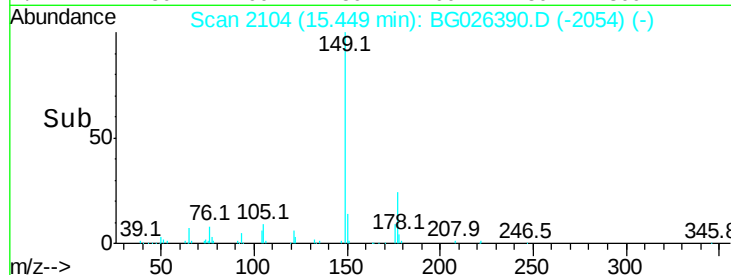
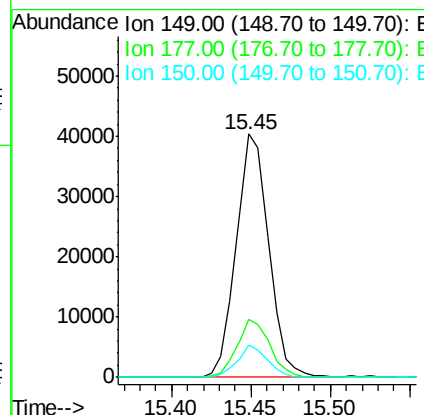
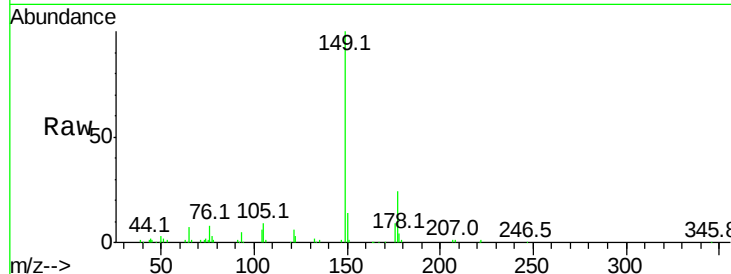




#59
Diethylphthalate
Concen: 2.52 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BG026390.D
Acq: 23 Mar 2017 00:34

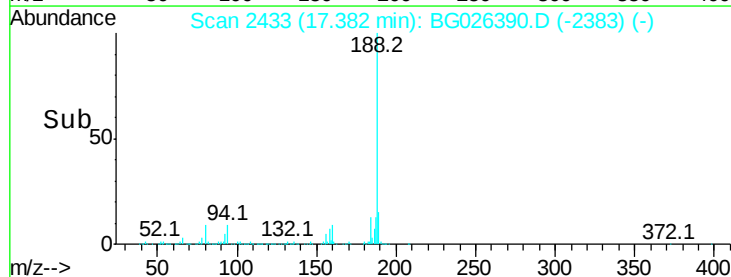
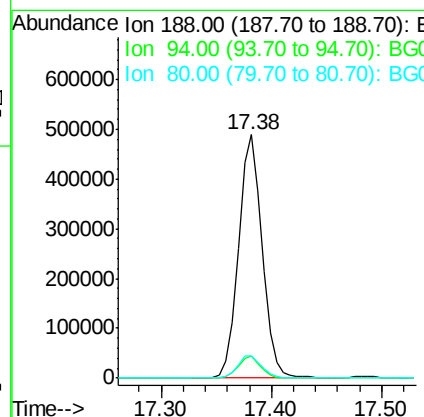
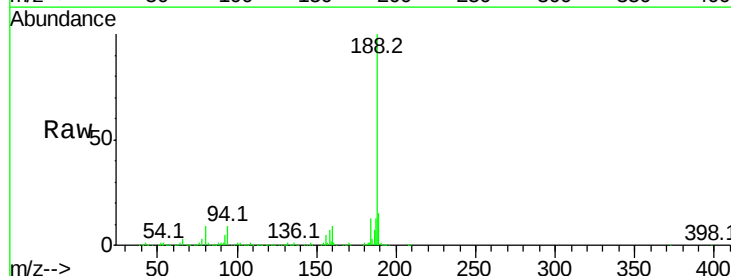
Instrument :
BNA_G
ClientSampled :

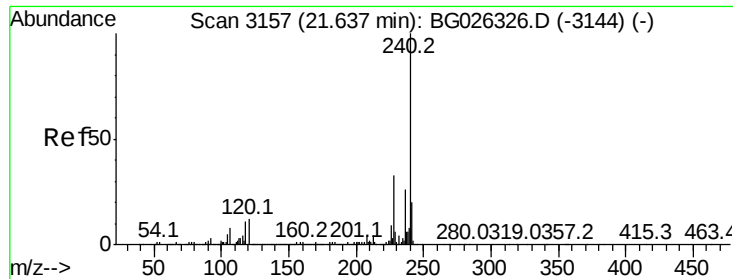
Tot Ion:149 Resp: 57289
Ion Ratio Lower Upper
149 100
177 23.9 20.1 30.1
150 13.5 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026390.D
Acq: 23 Mar 2017 00:34

Tgt Ion:188 Resp: 734097
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.8#
80 9.2 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: BG026390.D

Acq: 23 Mar 2017 00:34

Instrument :

BNA_G

ClientSampleId :

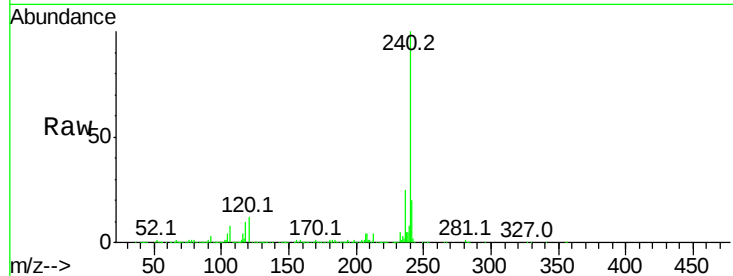
Tot Ion:240 Resp: 961043

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

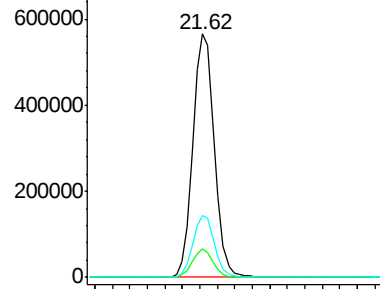
236 25.3 22.2 33.4



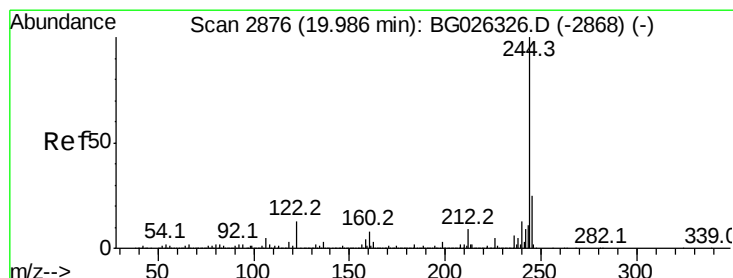
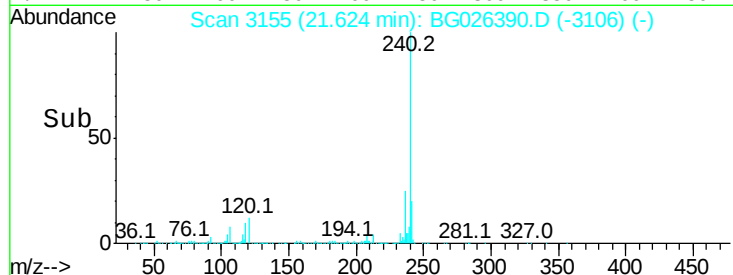
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.60 21.70 21.80



#78

Terphenyl-d14

Concen: 75.25 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026390.D

Acq: 23 Mar 2017 00:34

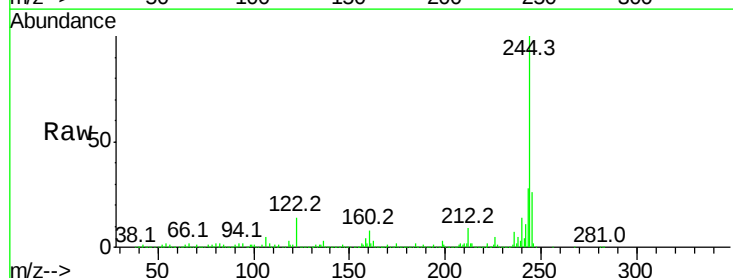
Tgt Ion:244 Resp: 2977711

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

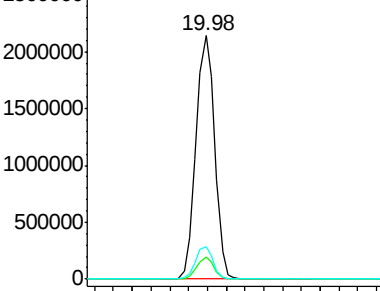
122 13.5 8.6 12.8#



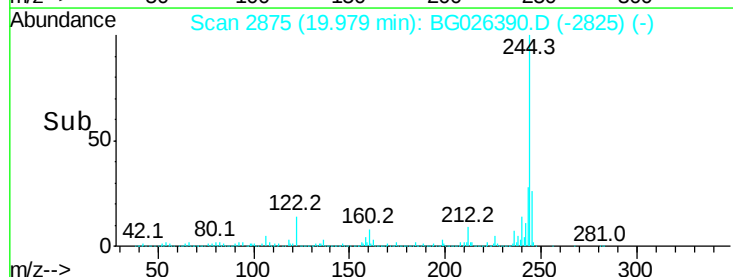
Abundance Ion 244.00 (243.70 to 244.70): E

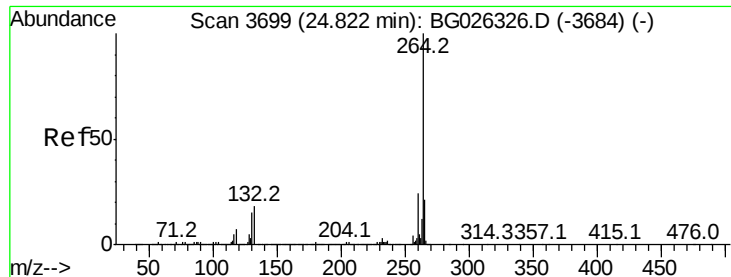
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10

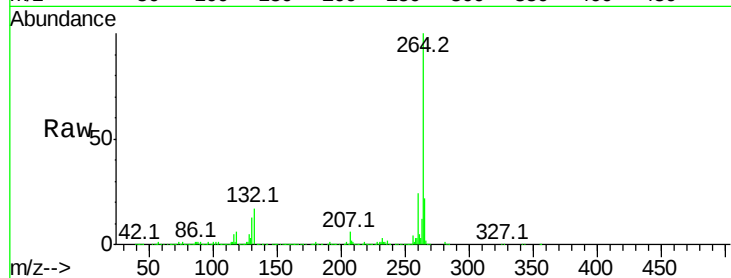




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.80 min Scan# 3696
 Delta R.T. -0.02 min
 Lab File: BG026390.D
 Acq: 23 Mar 2017 00:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

