

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\
 Data File : BG026426.D
 Acq On : 24 Mar 2017 22:27
 Operator : SJ/MA
 Sample : I2379-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-4

Quant Time: Mar 24 23:11:38 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

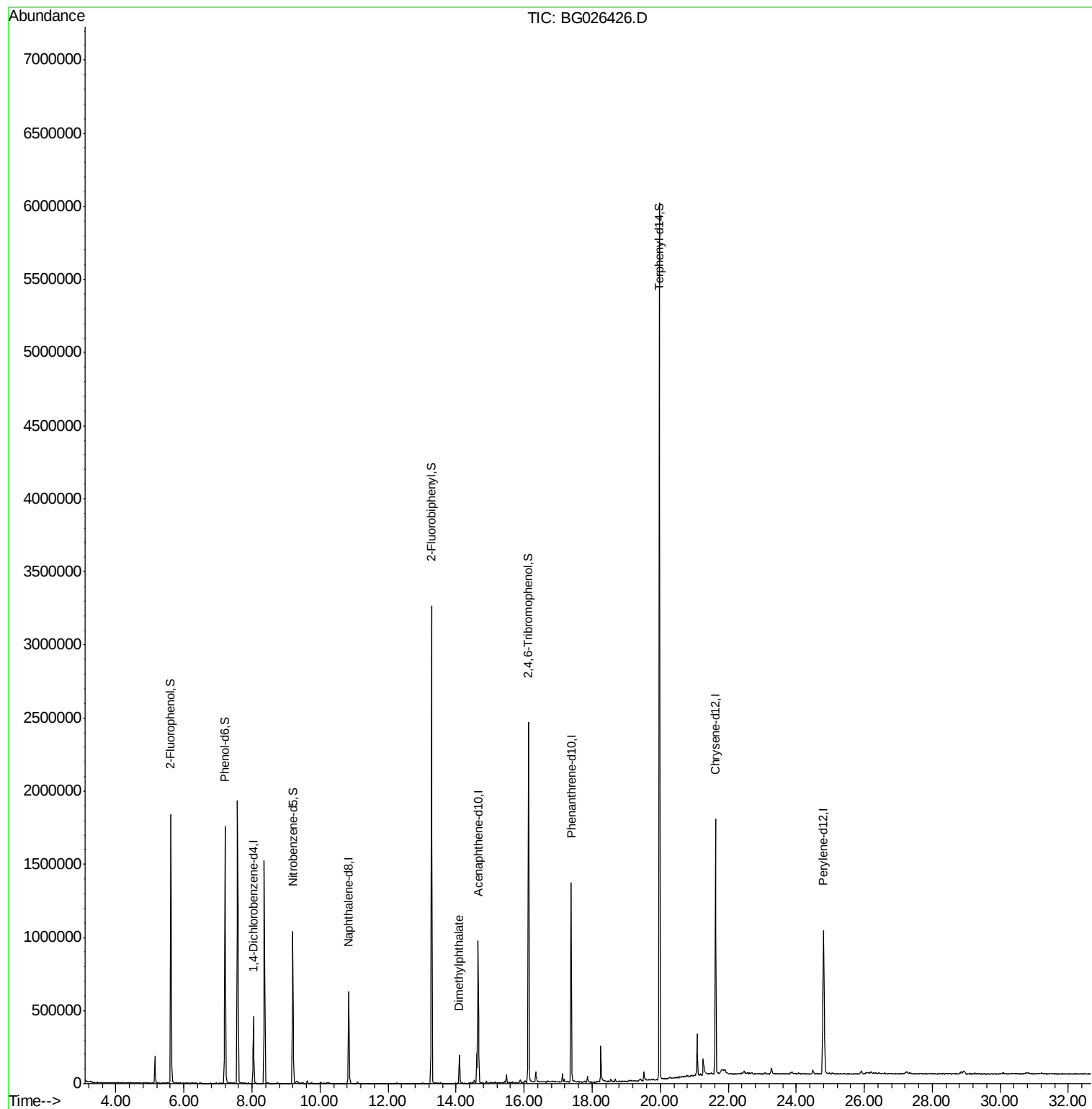
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	152086	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	612423	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	359705	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	887104	20.00	ng	0.00
75) Chrysene-d12	21.63	240	1078688	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1038141	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	994698	116.09	ng	0.00
7) Phenol-d6	7.21	99	1284978	111.70	ng	0.00
23) Nitrobenzene-d5	9.20	82	672199	66.00	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	550230	133.58	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1806120	70.41	ng	0.00
78) Terphenyl-d14	19.98	244	2613515	58.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.09	163	160909	5.93	ng	Qvalue # 95

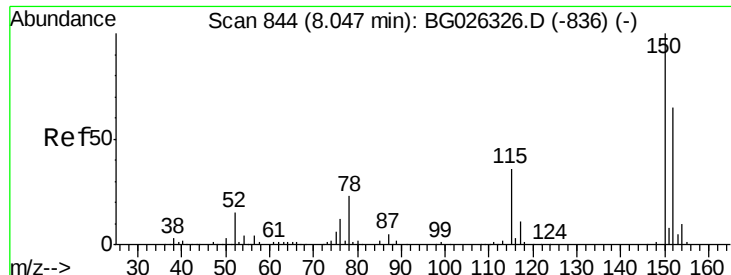
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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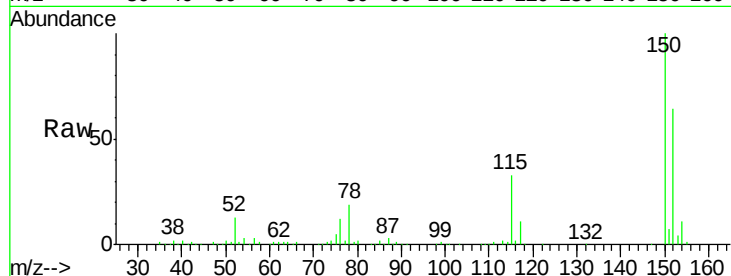


#1

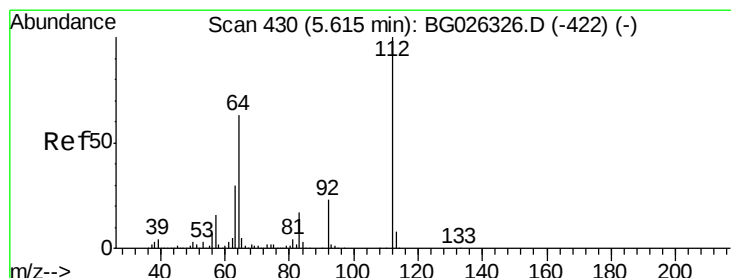
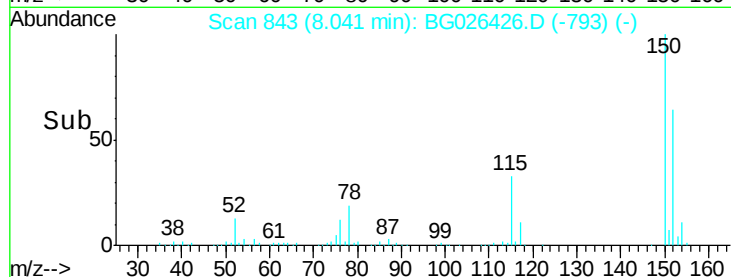
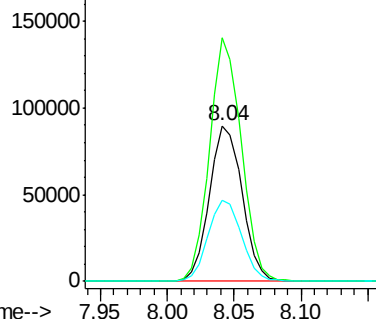
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026426.D
Acq: 24 Mar 2017 22:27

Instrument :
BNA_G
ClientSampleId :
B-4

Tot Ion:152 Resp: 152086
Ion Ratio Lower Upper
152 100
150 156.8 114.0 171.0
115 52.3 48.1 72.1



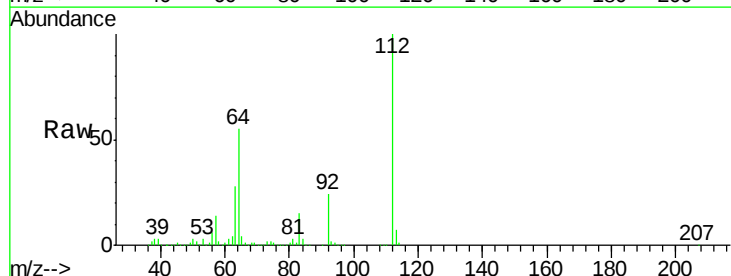
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



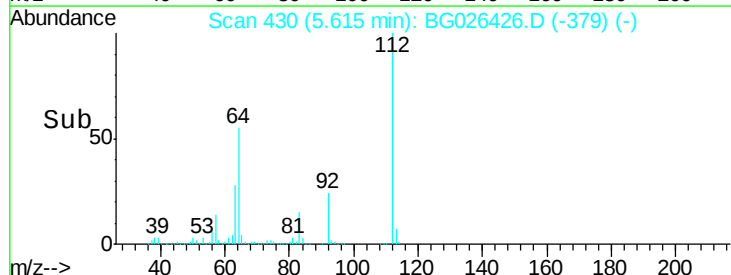
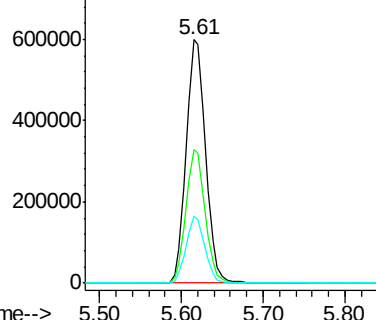
#5

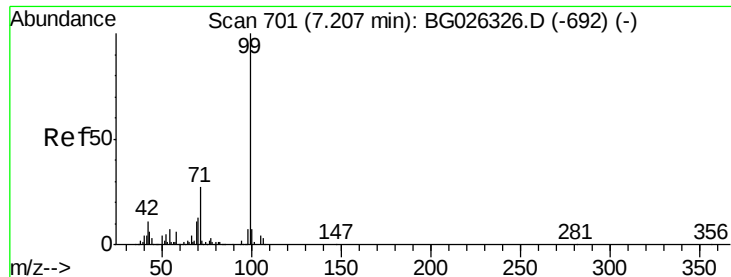
2-Fluorophenol
Concen: 116.09 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026426.D
Acq: 24 Mar 2017 22:27

Tgt Ion:112 Resp: 994698
Ion Ratio Lower Upper
112 100
64 54.8 61.8 92.6#
63 27.6 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: 111.70 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026426.D

Acq: 24 Mar 2017 22:27

Instrument :

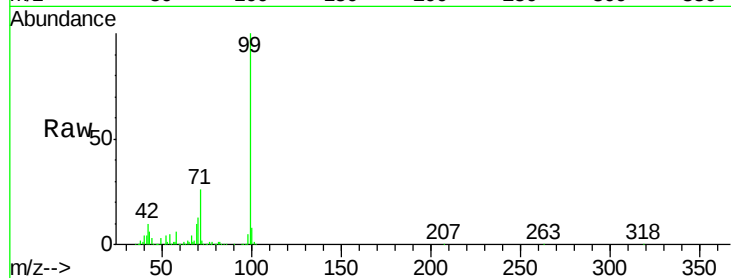
BNA_G

ClientSampled :

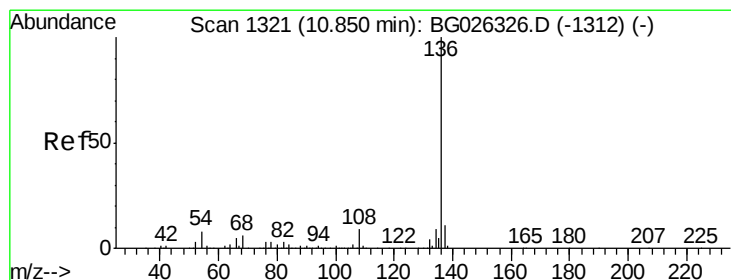
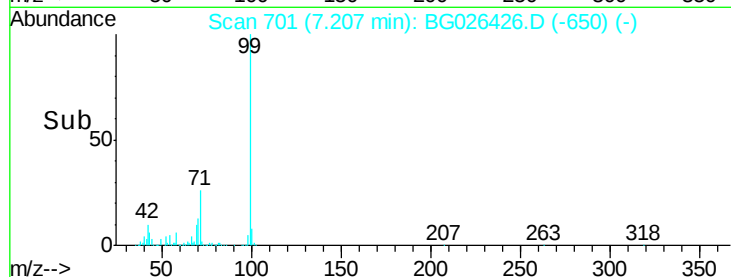
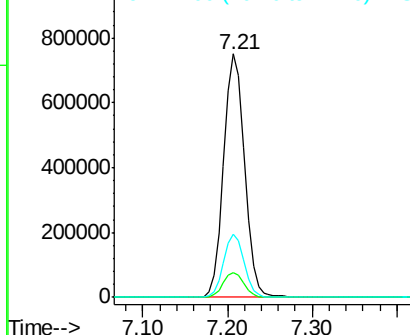
B-4

Tot Ion: 99 Resp: 1284978

Ion	Ratio	Lower	Upper
99	100		
42	10.1	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

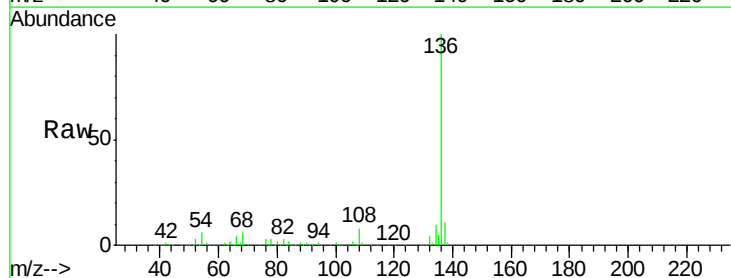
Delta R.T. -0.01 min

Lab File: BG026426.D

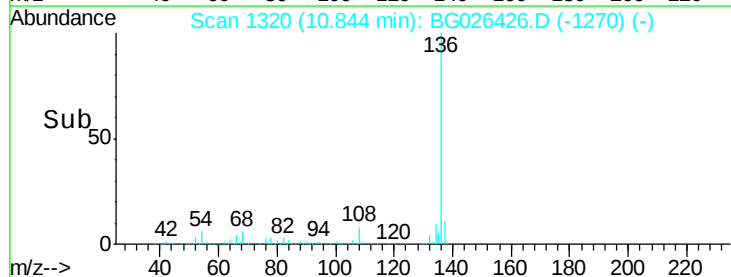
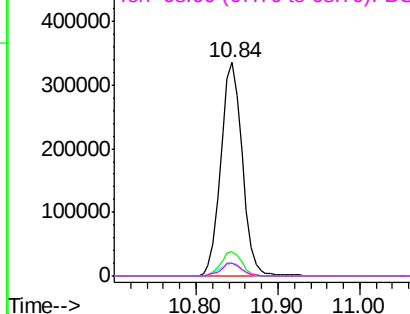
Acq: 24 Mar 2017 22:27

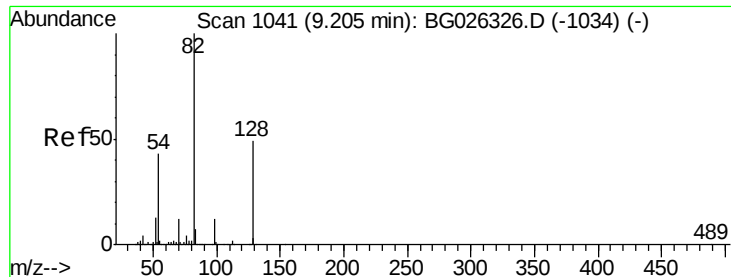
Tgt Ion: 136 Resp: 612423

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.9	9.3	13.9#
68	5.9	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: 66.00 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG026426.D

Acq: 24 Mar 2017 22:27

Instrument :

BNA_G

ClientSampleId :

B-4

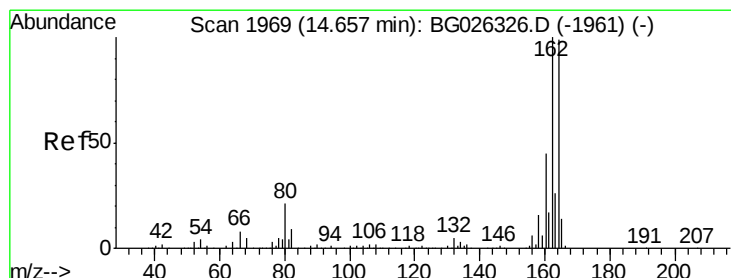
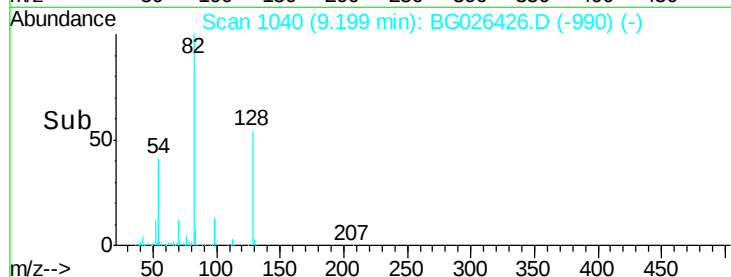
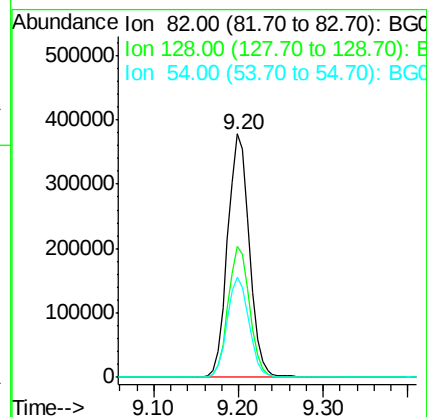
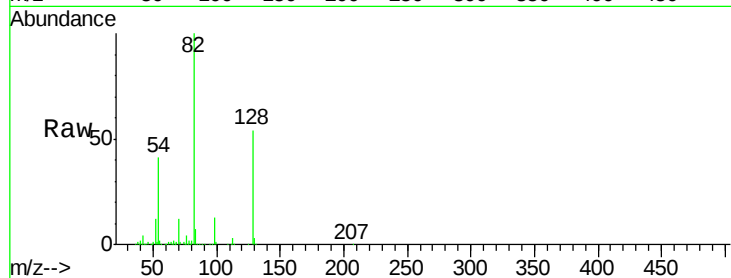
Tot Ion: 82 Resp: 672199

Ion Ratio Lower Upper

82 100

128 53.6 26.4 39.6#

54 41.0 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: BG026426.D

Acq: 24 Mar 2017 22:27

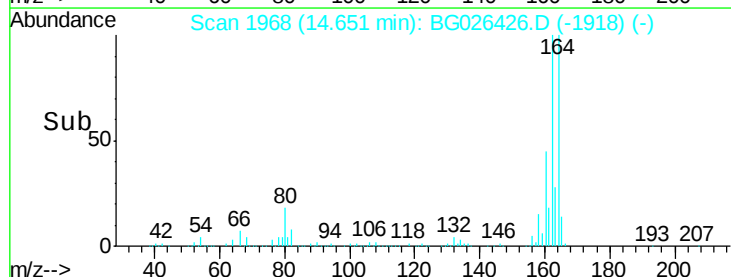
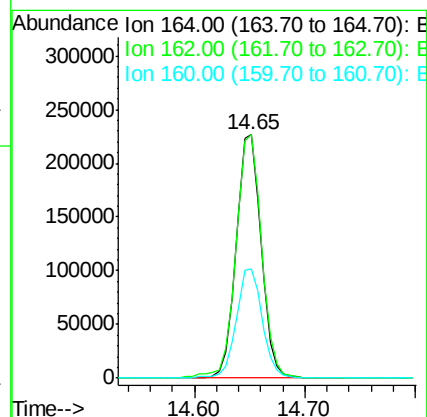
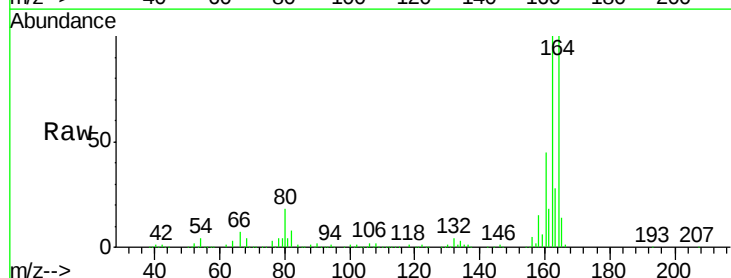
Tgt Ion: 164 Resp: 359705

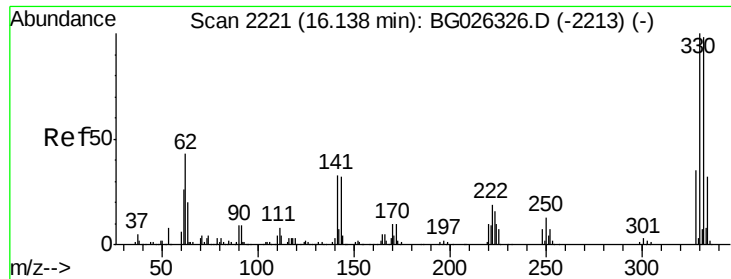
Ion Ratio Lower Upper

164 100

162 100.1 85.1 127.7

160 45.1 34.7 52.1

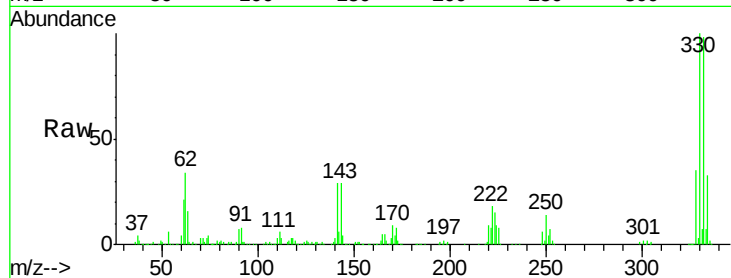




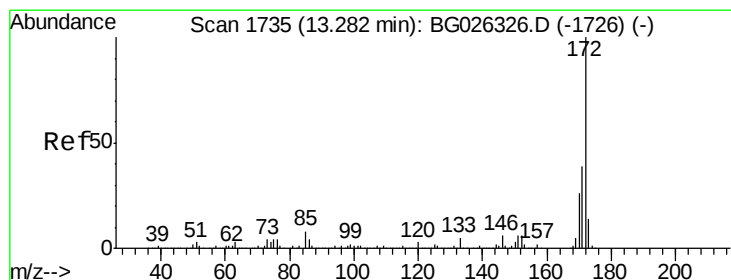
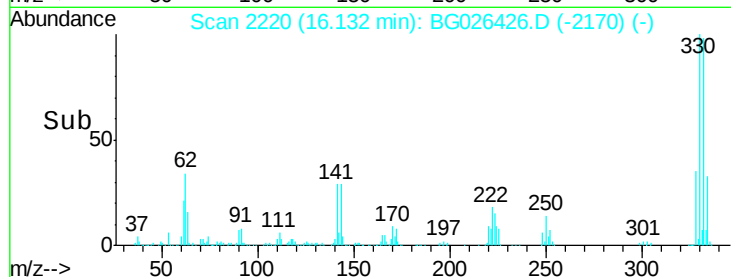
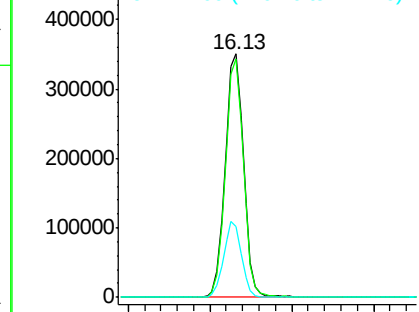
#41
 2,4,6-Tribromophenol
 Concen: 133.58 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026426.D
 Acq: 24 Mar 2017 22:27

Instrument :
 BNA_G
 ClientSampleId :
 B-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	30.3	32.1	48.1#

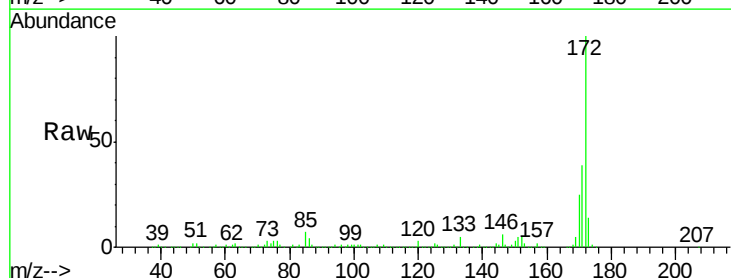


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

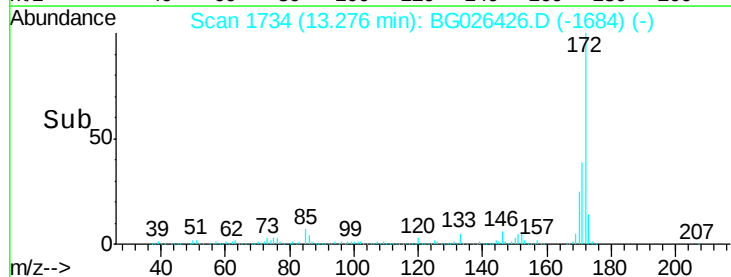
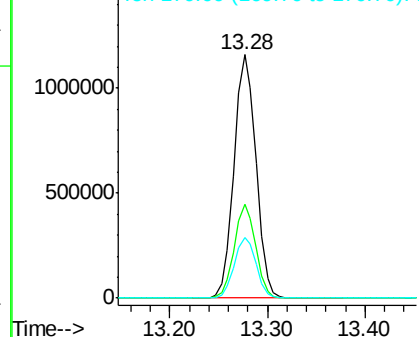


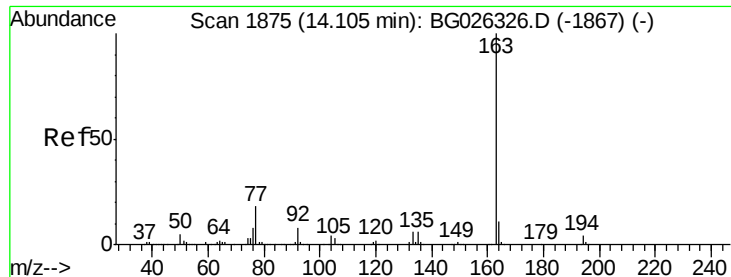
#44
 2-Fluorobiphenyl
 Concen: 70.41 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026426.D
 Acq: 24 Mar 2017 22:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.2	48.2
170	25.0	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





#49

Dimethylphthalate

Concen: 5.93 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG026426.D

Acq: 24 Mar 2017 22:27

Instrument :

BNA_G

ClientSampleId :

B-4

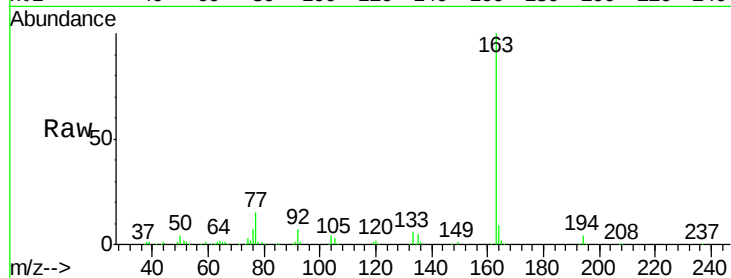
Tot Ion:163 Resp: 160909

Ion Ratio Lower Upper

163 100

194 4.0 3.8 5.6

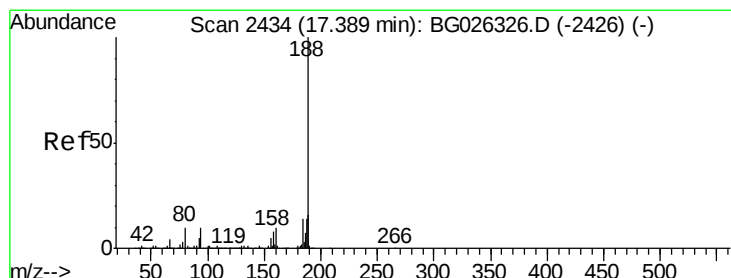
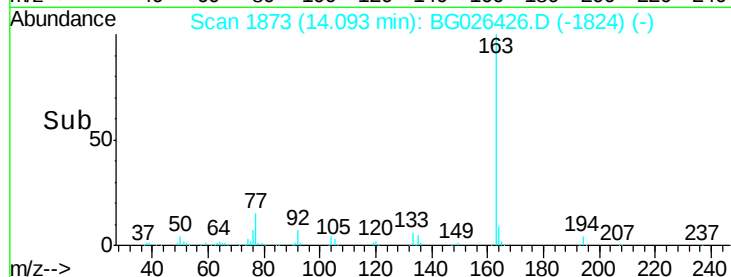
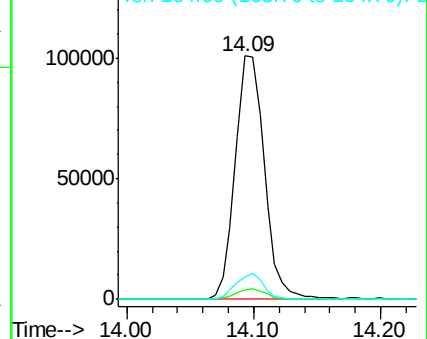
164 9.2 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG026426.D

Acq: 24 Mar 2017 22:27

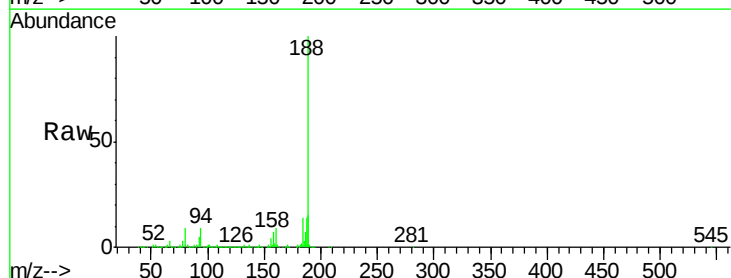
Tgt Ion:188 Resp: 887104

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

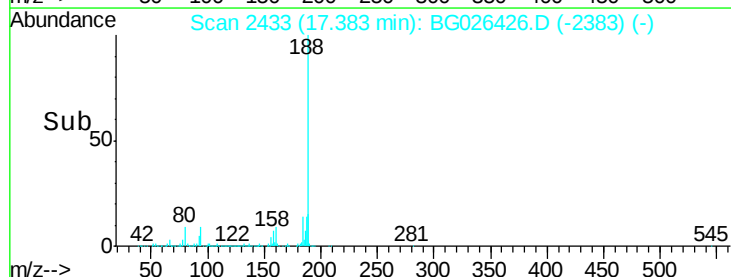
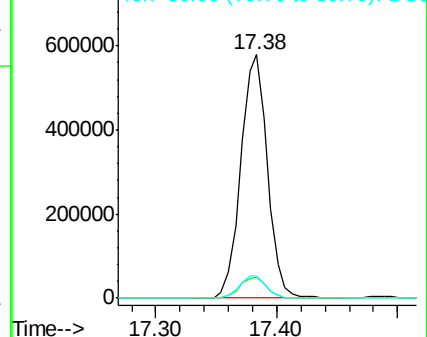
80 9.1 7.5 11.3

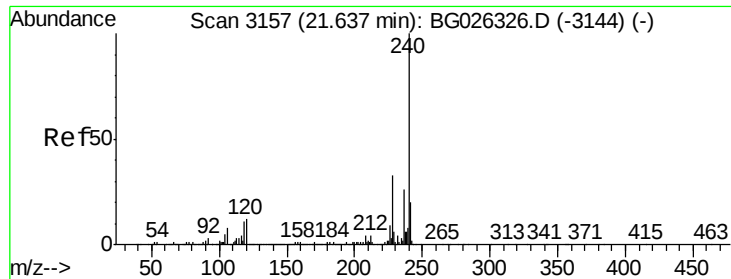


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG026426.D

Acq: 24 Mar 2017 22:27

Instrument :

BNA_G

ClientSampleId :

B-4

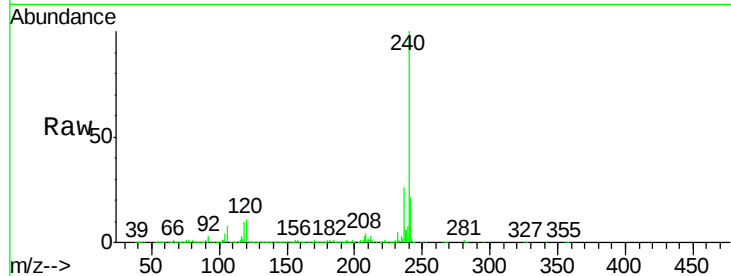
Tot Ion:240 Resp: 1078688

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

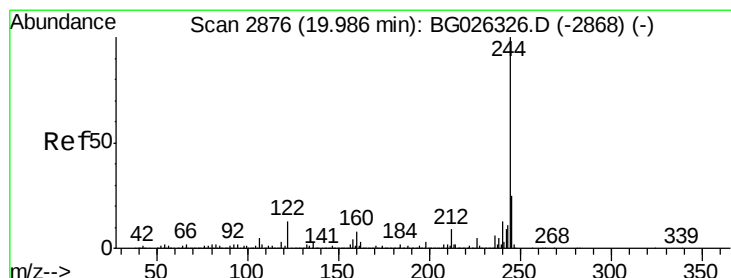
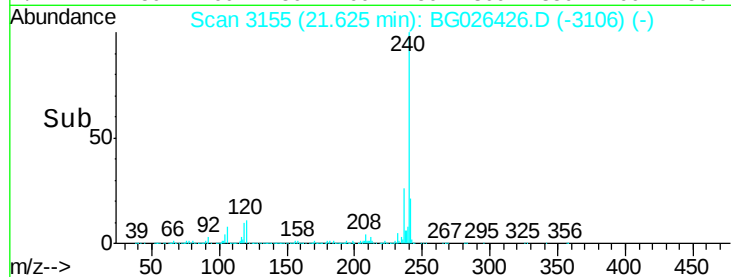
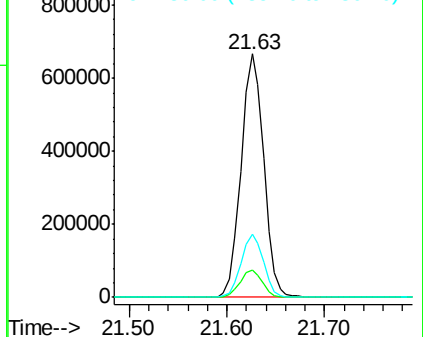
236 26.1 22.2 33.4



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: 58.84 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026426.D

Acq: 24 Mar 2017 22:27

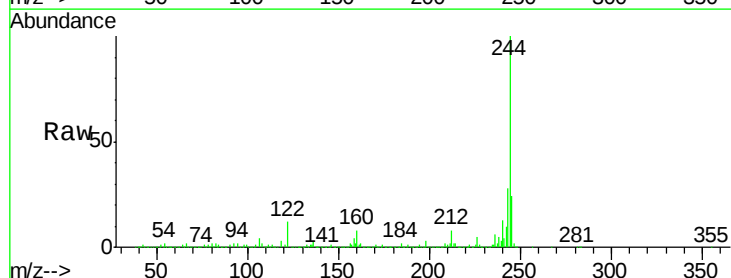
Tgt Ion:244 Resp: 2613515

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

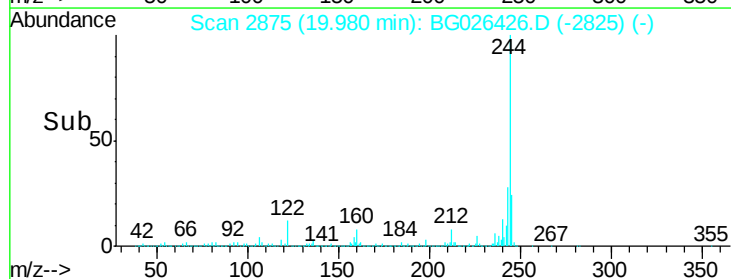
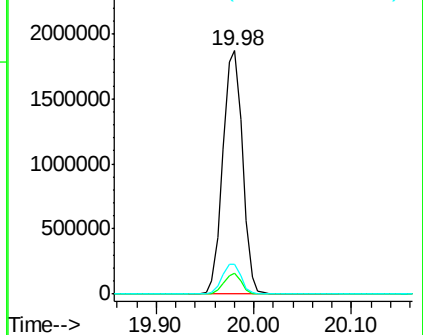
122 12.5 8.6 12.8

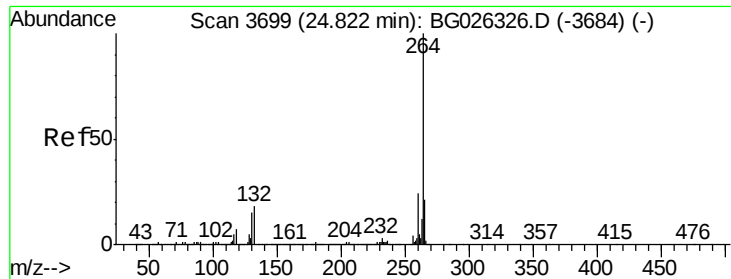


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



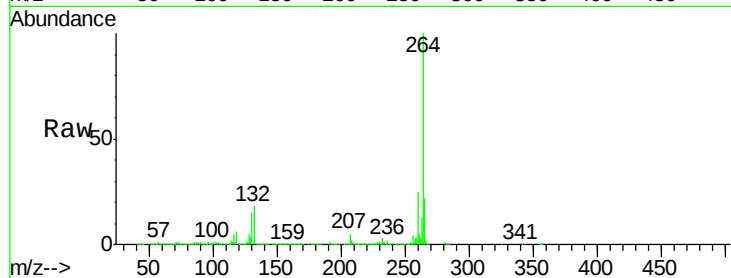


#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.02 min
Lab File: BG026426.D
Acq: 24 Mar 2017 22:27

Instrument :
BNA_G
ClientSampleId :
B-4

Tot Ion: 264 Resp: 1038141

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.8	32.8
265	21.6	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

