

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040417\
 Data File : BG026550.D
 Acq On : 4 Apr 2017 19:15
 Operator : SJ/MA
 Sample : I2485-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032917-PRRT-F-U-M

Quant Time: Apr 05 01:16:05 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	157283	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	622748	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	358156	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	860068	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	1066107	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1039204	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	347712	39.24	ng	0.00
7) Phenol-d6	7.20	99	299136	25.14	ng	0.00
23) Nitrobenzene-d5	9.20	82	843861	81.48	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	427055	104.12	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2299245	90.03	ng	0.00
78) Terphenyl-d14	19.98	244	3071255	69.96	ng	0.00

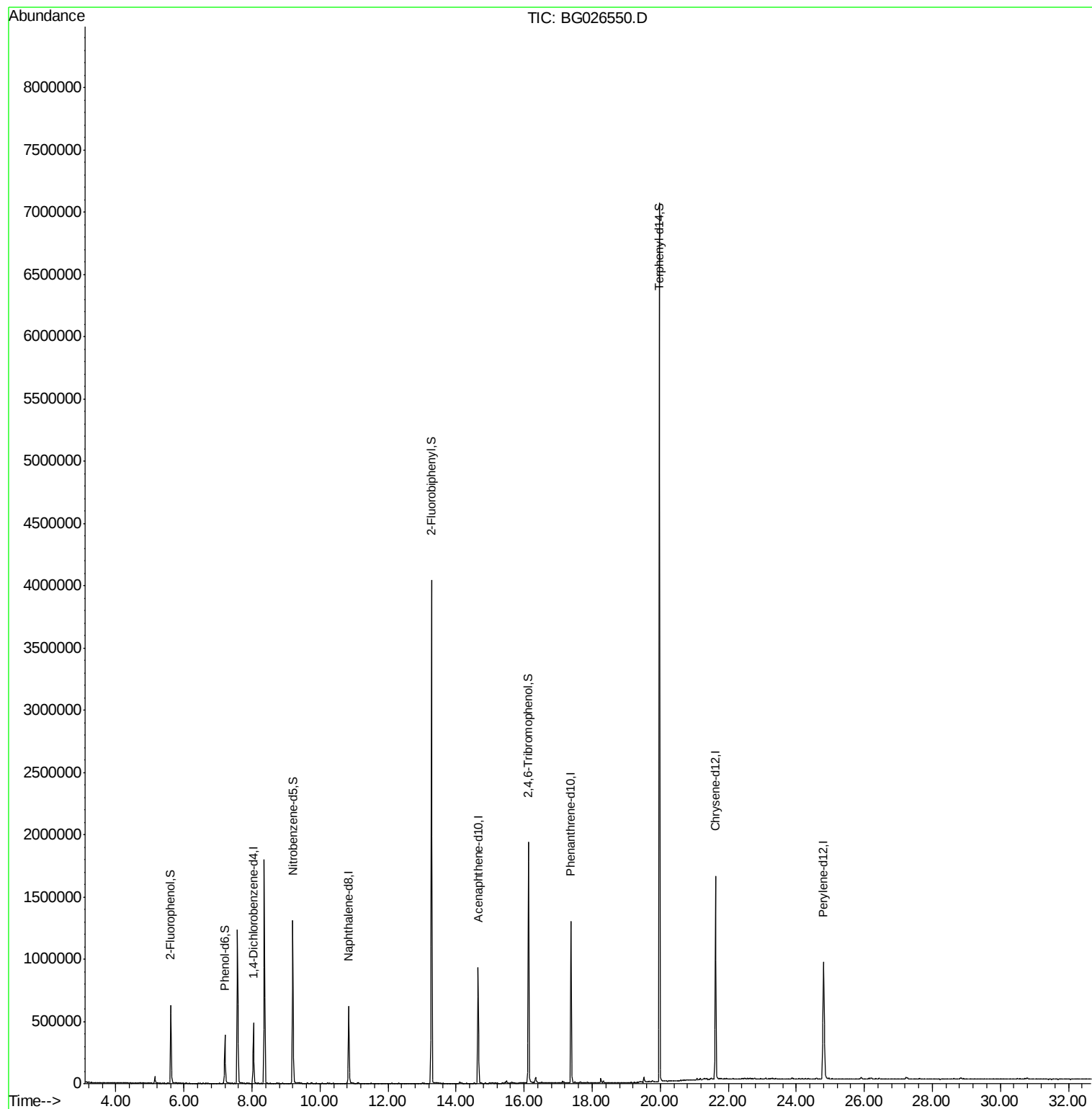
Target Compounds Qvalue

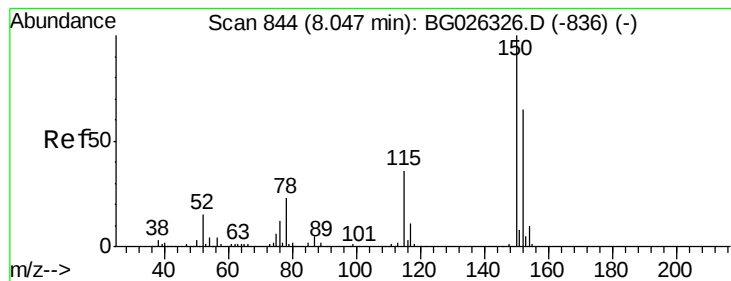
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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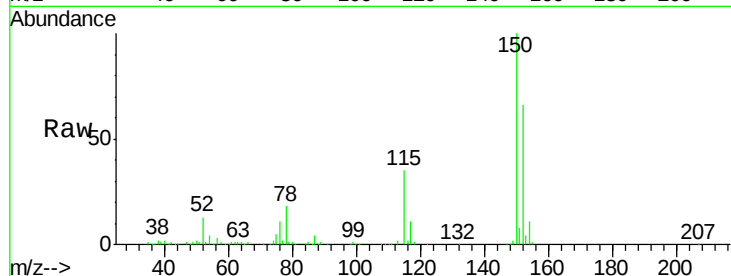


#1

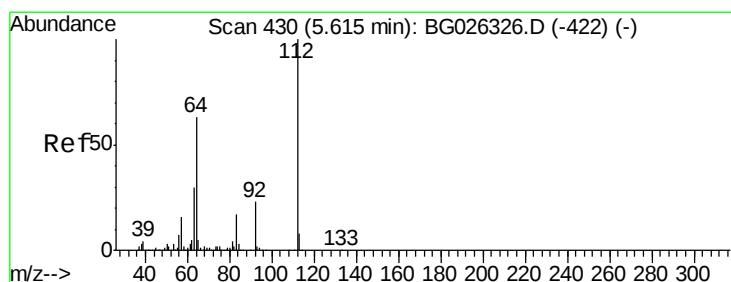
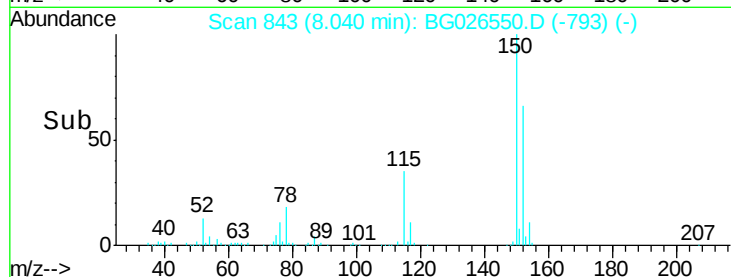
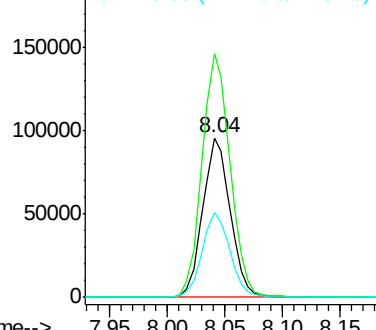
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026550.D
Acq: 4 Apr 2017 19:15

Instrument :
BNA_G
ClientSampleId :
032917-PRRT-F-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	114.0	171.0
115	53.2	48.1	72.1



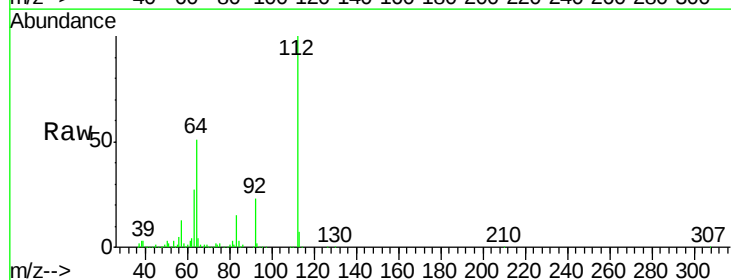
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



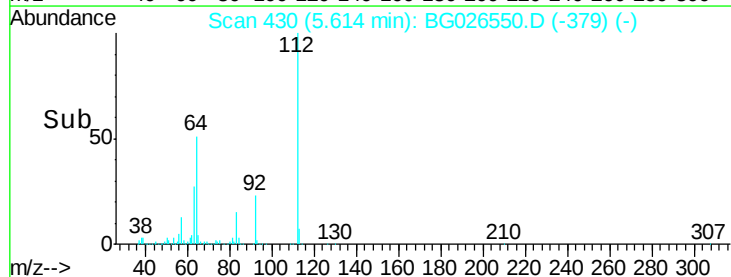
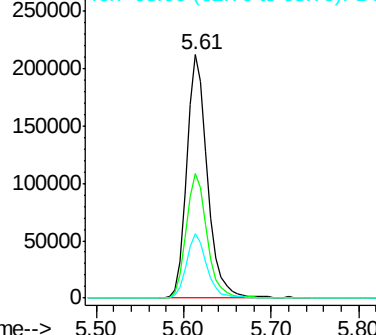
#5

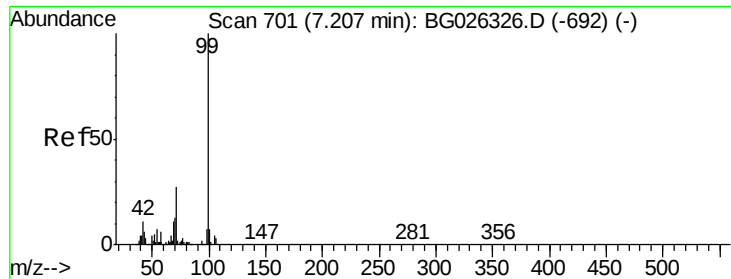
2-Fluorophenol
Concen: 39.24 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG026550.D
Acq: 4 Apr 2017 19:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	61.8	92.6#
63	26.5	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: 25.14 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026550.D

Acq: 4 Apr 2017 19:15

Instrument :

BNA_G

ClientSampleId :

032917-PRRT-F-U-M

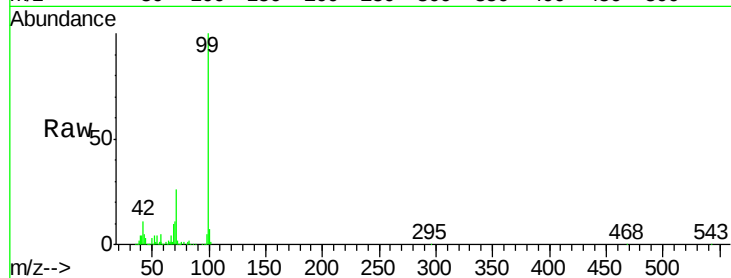
Tot Ion: 99 Resp: 299136

Ion Ratio Lower Upper

99 100

42 10.9 20.5 30.7#

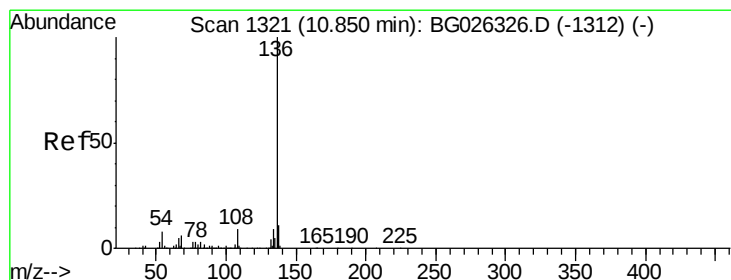
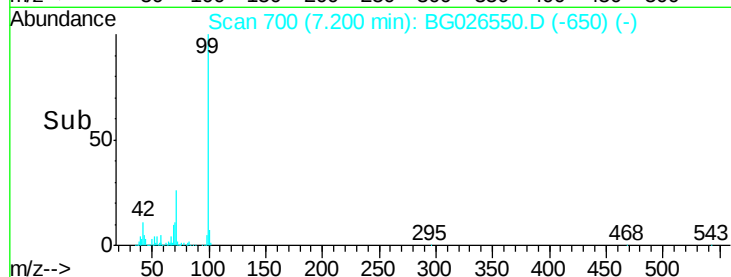
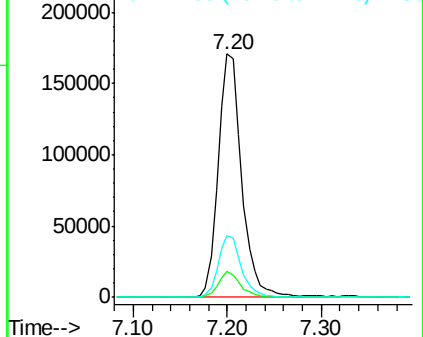
71 25.5 37.6 56.4#



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: BG026550.D

Acq: 4 Apr 2017 19:15

Tgt Ion: 136 Resp: 622748

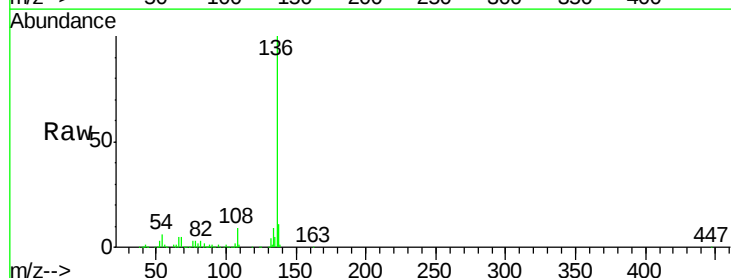
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.3 9.3 13.9#

68 5.3 5.1 7.7

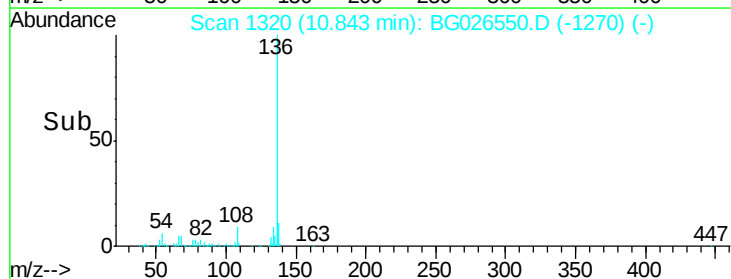
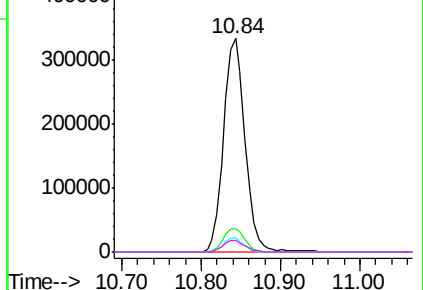


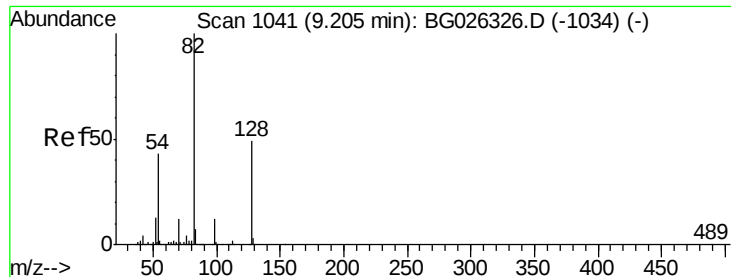
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 81.48 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG026550.D

Acq: 4 Apr 2017 19:15

Instrument :

BNA_G

ClientSampleId :

032917-PRRT-F-U-M

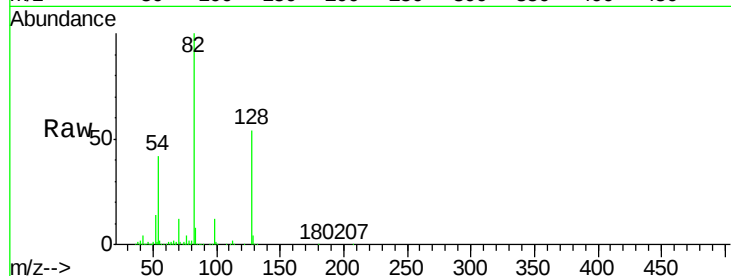
Tot Ion: 82 Resp: 843861

Ion Ratio Lower Upper

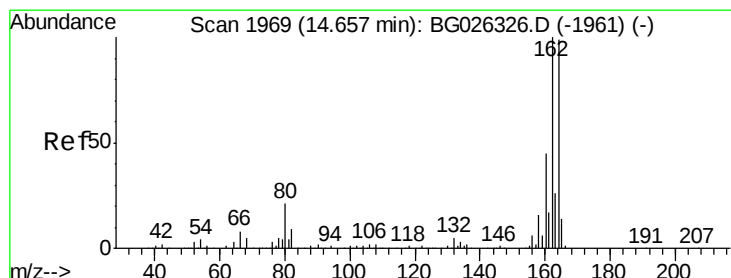
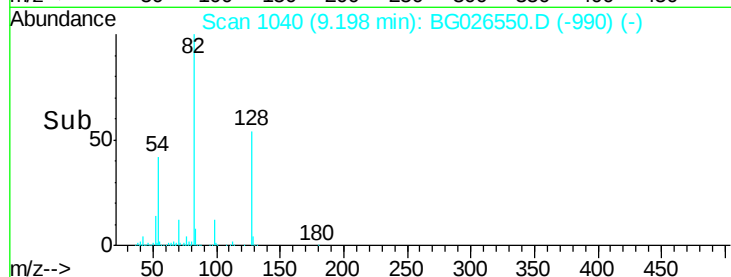
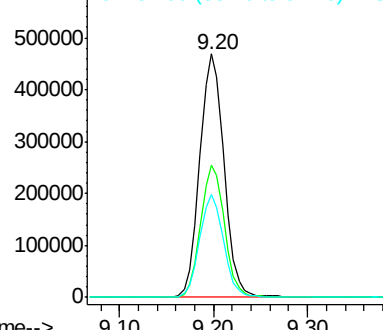
82 100

128 54.3 26.4 39.6#

54 42.5 49.4 74.2#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG026550.D

Acq: 4 Apr 2017 19:15

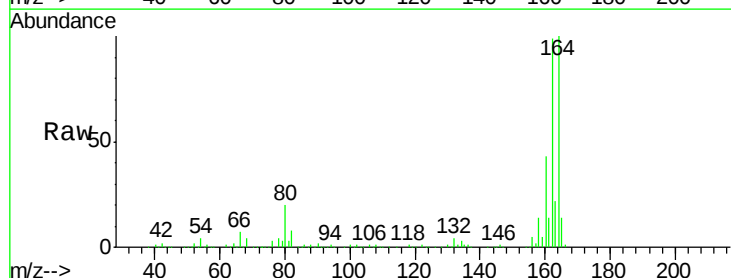
Tgt Ion: 164 Resp: 358156

Ion Ratio Lower Upper

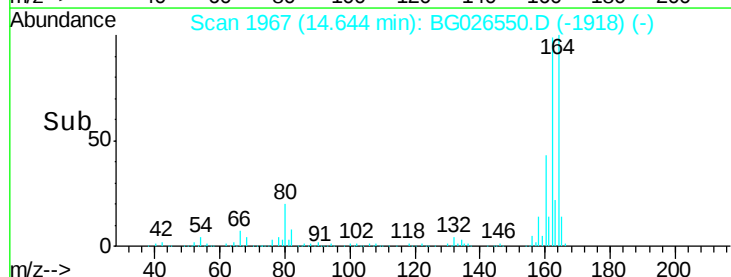
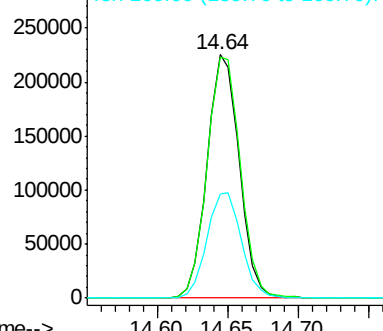
164 100

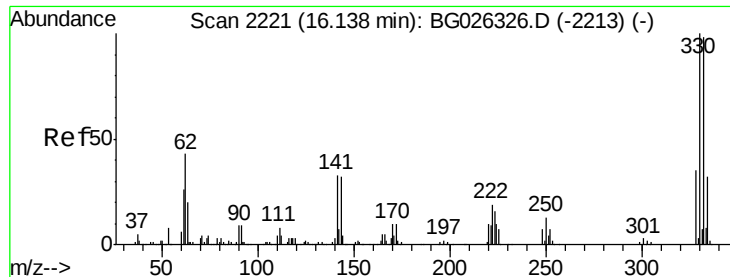
162 99.2 85.1 127.7

160 42.6 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

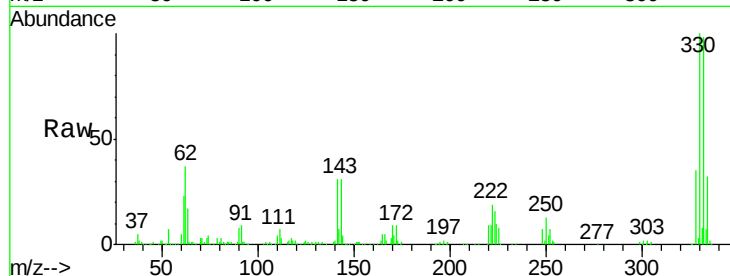




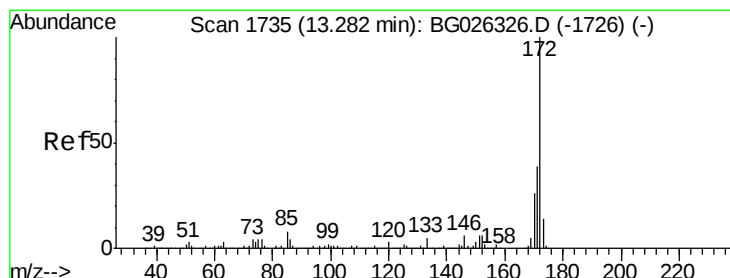
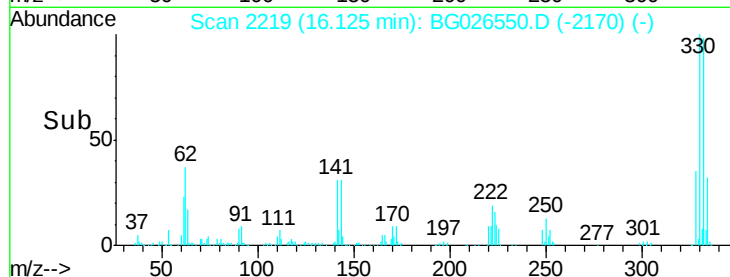
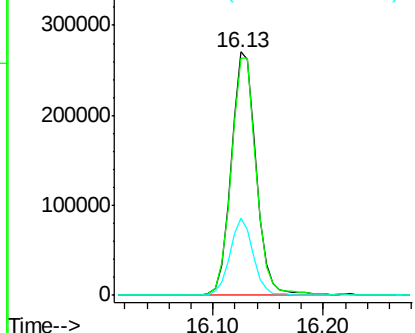
#41
 2,4,6-Tribromophenol
 Concen: 104.12 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026550.D
 Acq: 4 Apr 2017 19:15

Instrument :
 BNA_G
 ClientSampleId :
 032917-PRRT-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.3	115.9
141	30.1	32.1	48.1#

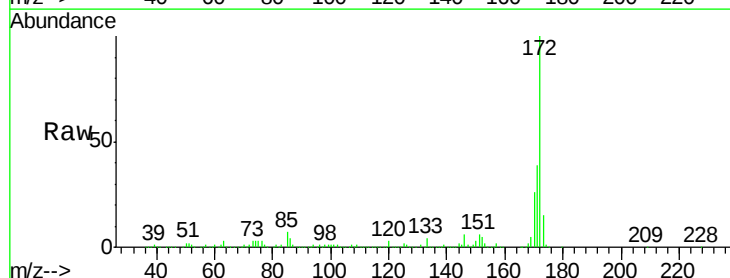


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

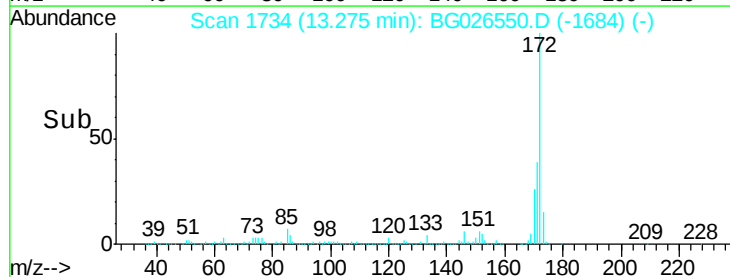
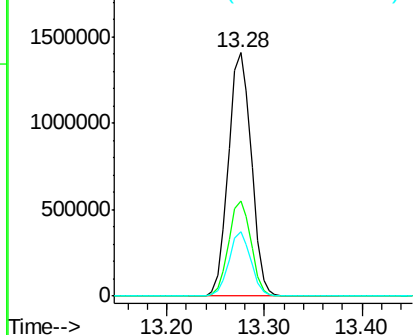


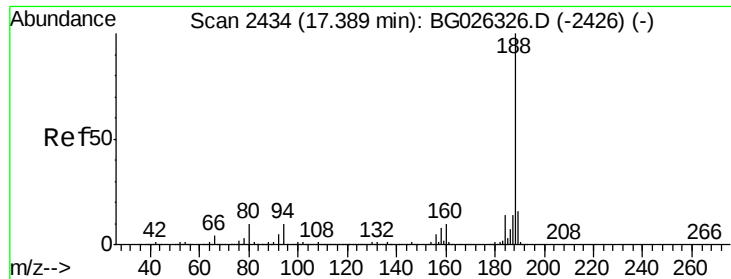
#44
 2-Fluorobiphenyl
 Concen: 90.03 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026550.D
 Acq: 4 Apr 2017 19:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.2	48.2
170	26.2	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

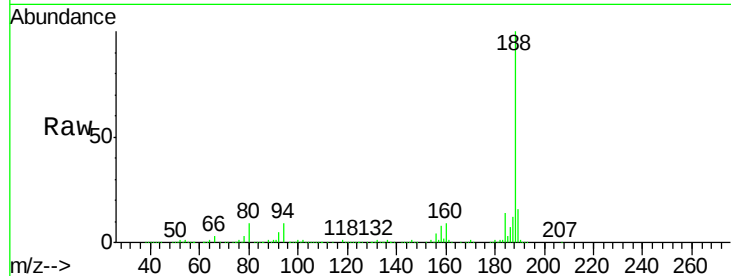




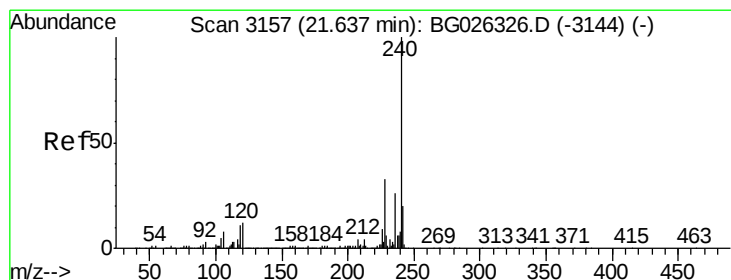
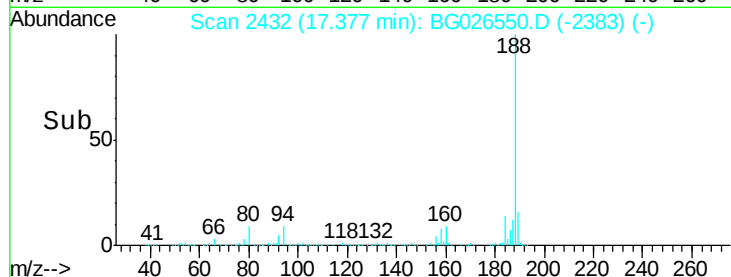
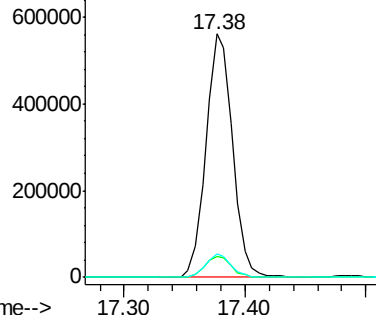
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026550.D
Acq: 4 Apr 2017 19:15

Instrument :
BNA_G
ClientSampleId :
032917-PRRT-F-U-M

Tot Ion:188 Resp: 860068
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.8
80 9.5 7.5 11.3

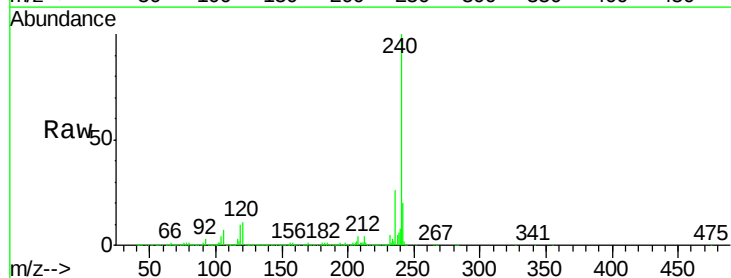


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

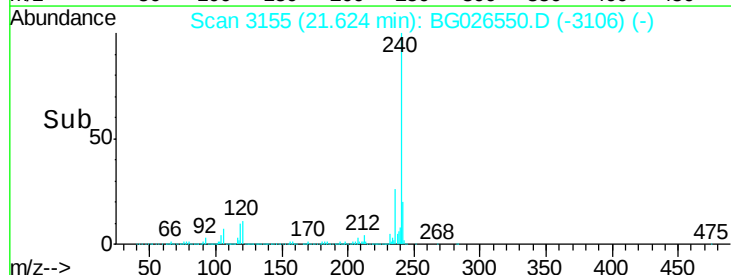
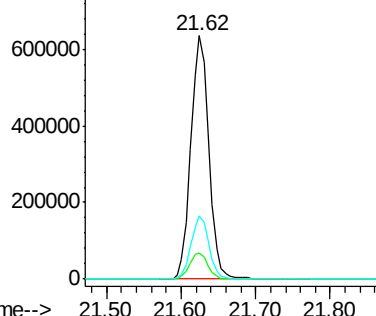


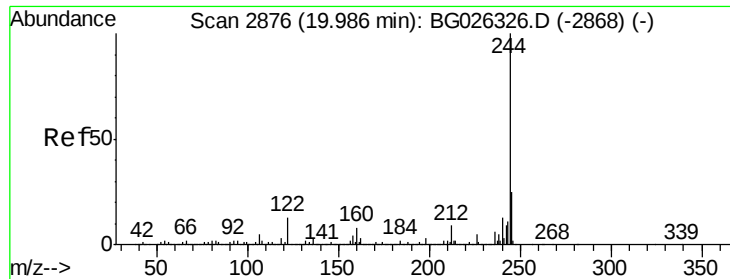
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026550.D
Acq: 4 Apr 2017 19:15

Tgt Ion:240 Resp: 1066107
Ion Ratio Lower Upper
240 100
120 10.9 5.7 8.5#
236 25.8 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: 69.96 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026550.D

Acq: 4 Apr 2017 19:15

Instrument :

BNA_G

ClientSampleId :

032917-PRRT-F-U-M

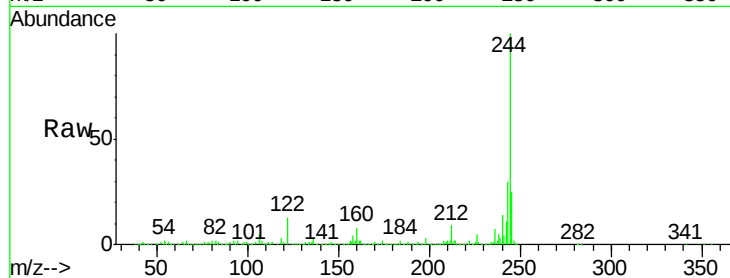
Tot Ion:244 Resp: 3071255

Ion Ratio Lower Upper

244 100

212 8.8 10.0 15.0#

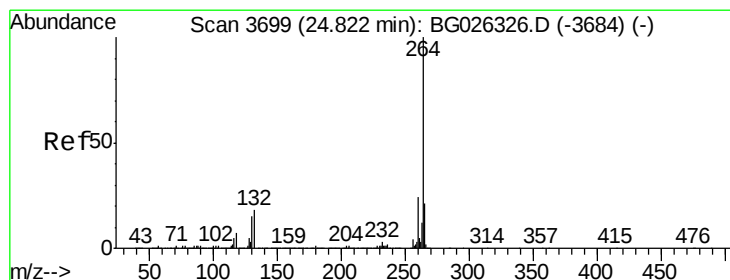
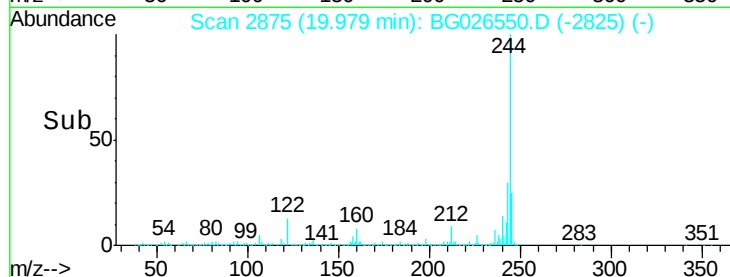
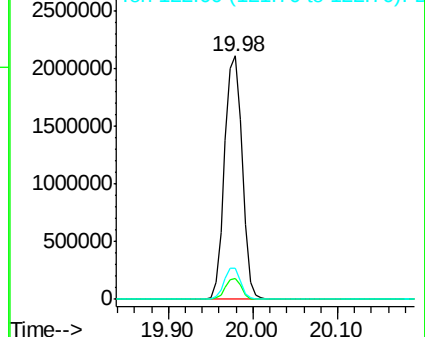
122 12.9 8.6 12.8#



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# 3695

Delta R.T. -0.02 min

Lab File: BG026550.D

Acq: 4 Apr 2017 19:15

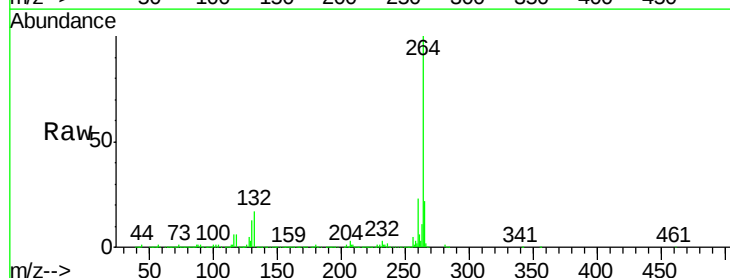
Tgt Ion:264 Resp: 1039204

Ion Ratio Lower Upper

264 100

260 22.9 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

