

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041117\
 Data File : BG026633.D
 Acq On : 12 Apr 2017 1:44
 Operator : SJ/MA
 Sample : I2620-15
 Misc : For Confirmation
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-MAHWAH

Quant Time: Apr 12 05:28:50 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	8.03	152	154469	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	610830	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	358740	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	931980	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1207771	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1015390	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1151784	132.34	ng	0.00
7) Phenol-d6	7.20	99	1379602	118.08	ng	0.00
23) Nitrobenzene-d5	9.19	82	843879	83.07	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	712451	173.42	ng	-0.02
44) 2-Fluorobiphenyl	13.27	172	2308517	90.24	ng	-0.01
78) Terphenyl-d14	19.97	244	3632525	73.04	ng	-0.01

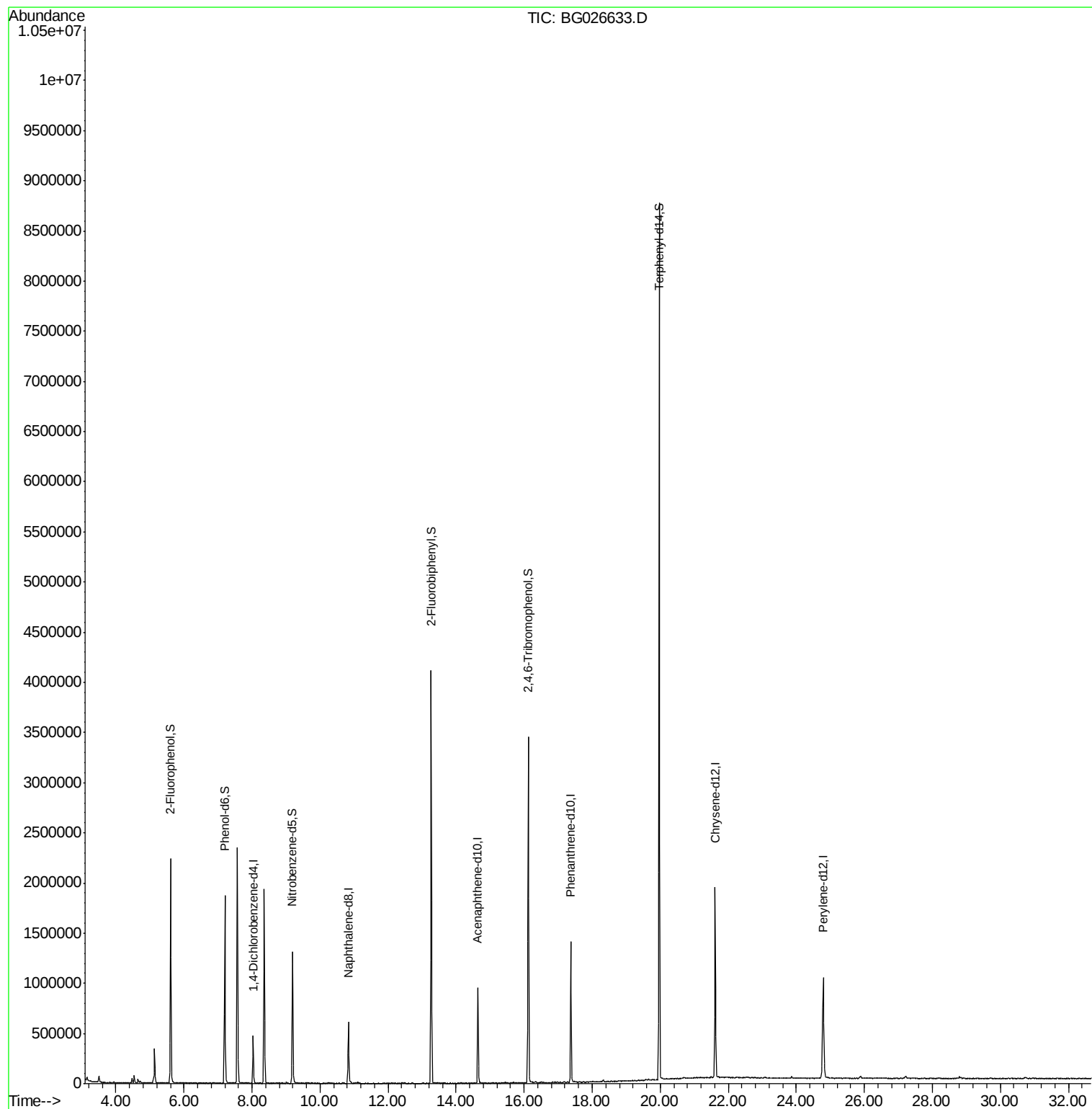
Target Compounds Qvalue

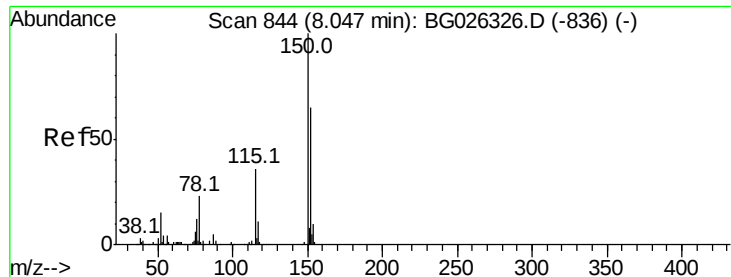
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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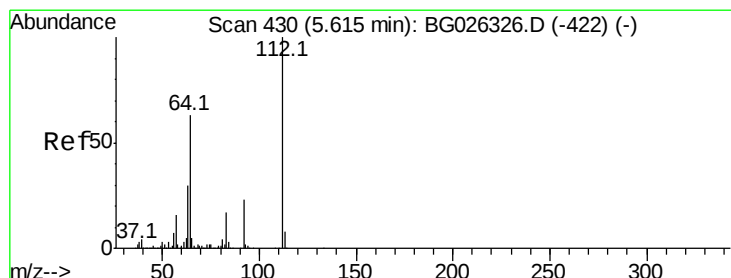
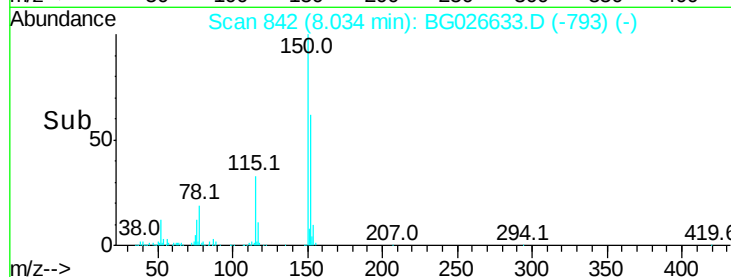
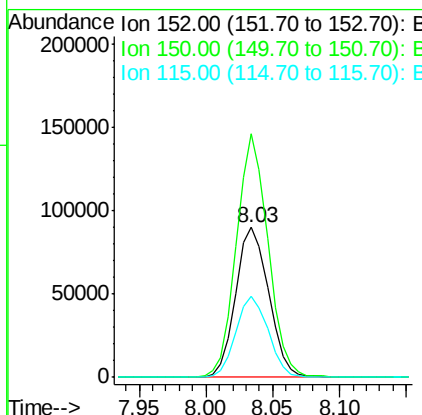
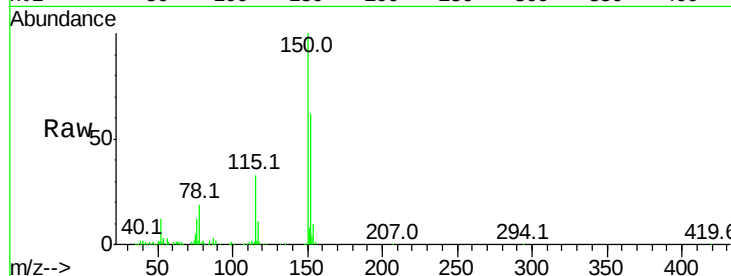


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG026633.D
Acq: 12 Apr 2017 1:44

Instrument :
BNA_G
ClientSampleId :
SOUTH-MAHWAH

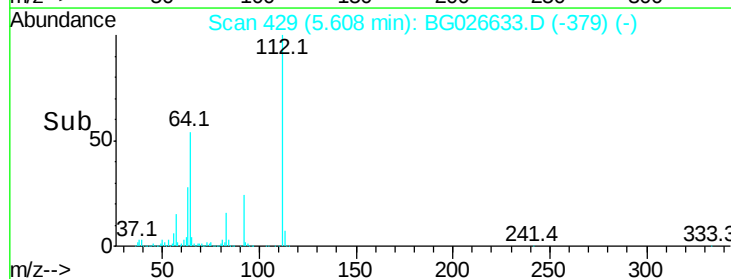
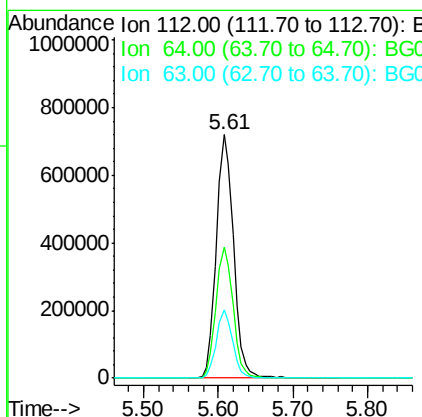
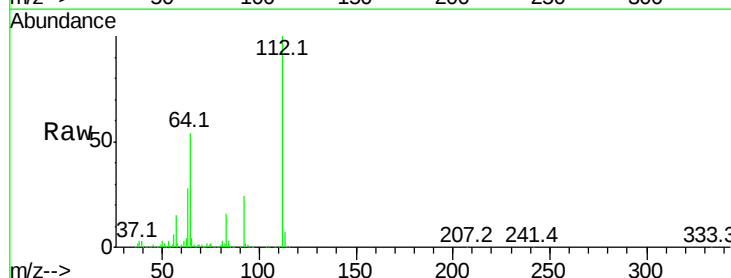
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	114.0	171.0
115	54.0	48.1	72.1

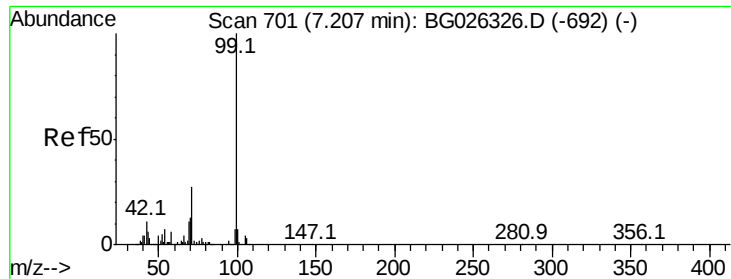


#5

2-Fluorophenol
Concen: 132.34 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG026633.D
Acq: 12 Apr 2017 1:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	61.8	92.6#
63	28.1	37.2	55.8#





#7

Phenol-d6

Concen: 118.08 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026633.D

Acq: 12 Apr 2017 1:44

Instrument :

BNA_G

ClientSampleId :

SOUTH-MAHWAH

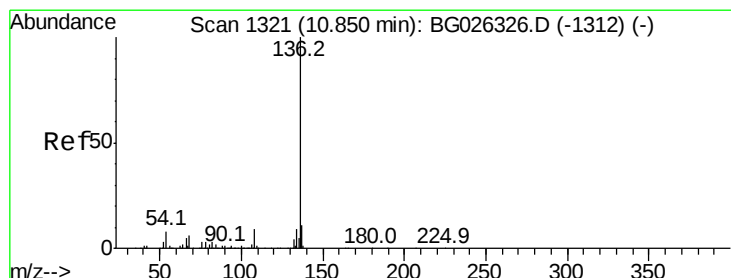
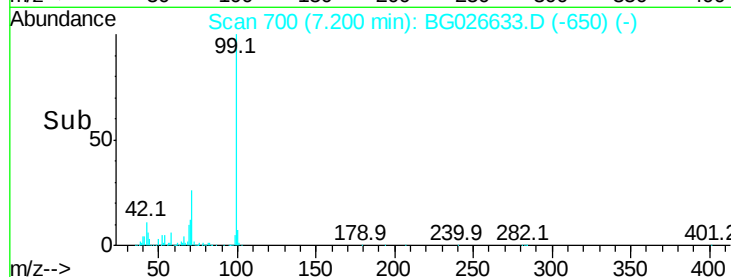
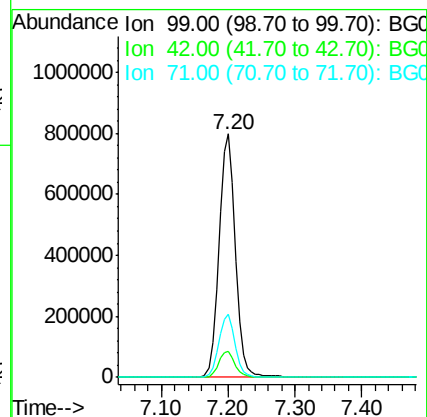
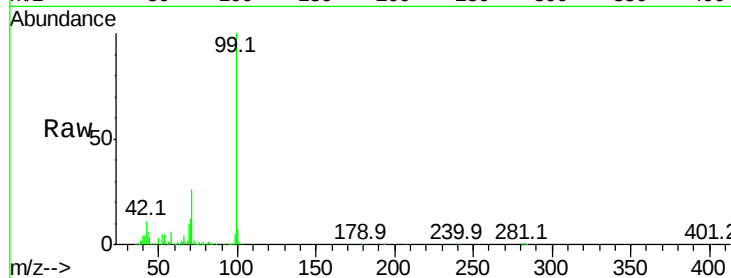
Tot Ion: 99 Resp: 1379602

Ion Ratio Lower Upper

99 100

42 10.9 20.5 30.7#

71 26.0 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG026633.D

Acq: 12 Apr 2017 1:44

Tgt Ion: 136 Resp: 610830

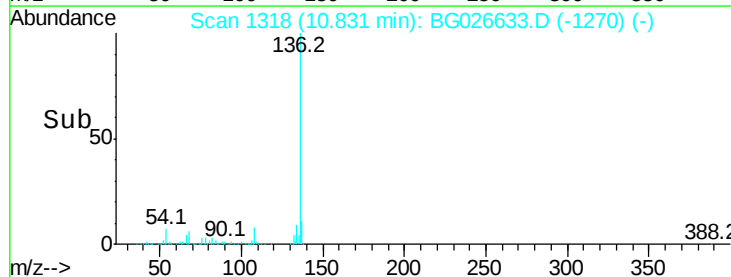
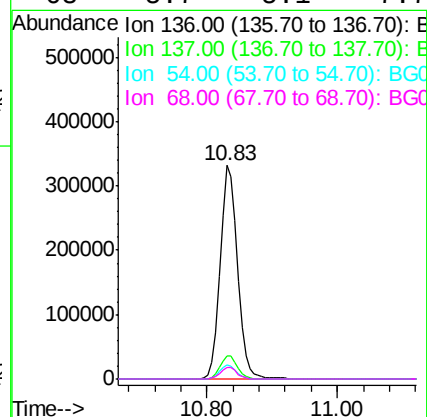
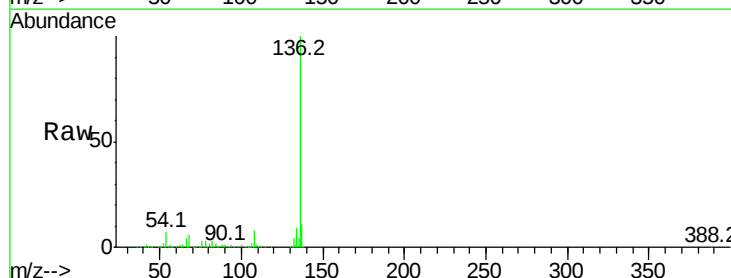
Ion Ratio Lower Upper

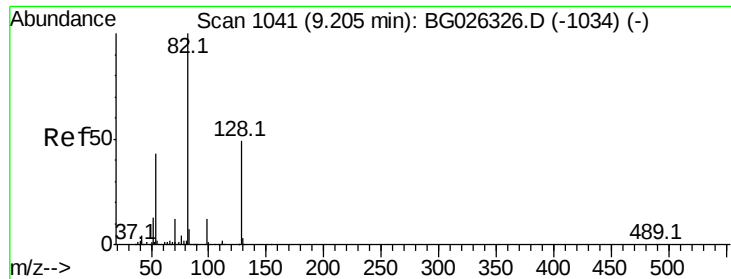
136 100

137 10.8 8.9 13.3

54 6.5 9.3 13.9#

68 5.7 5.1 7.7

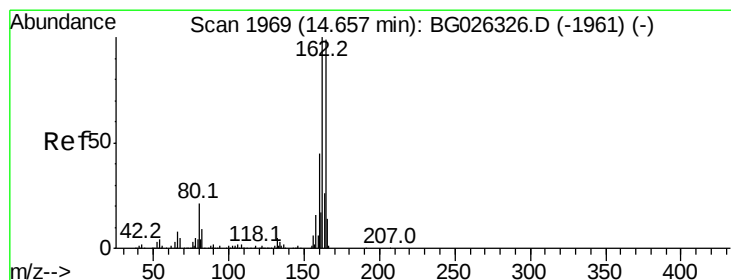
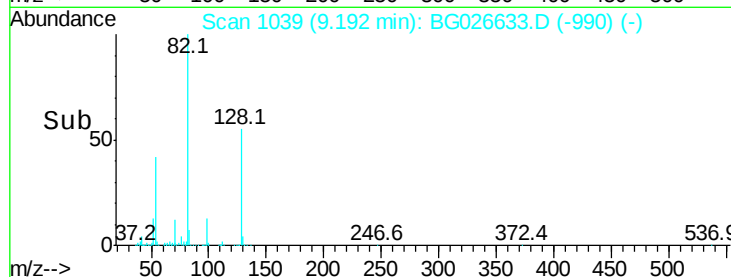
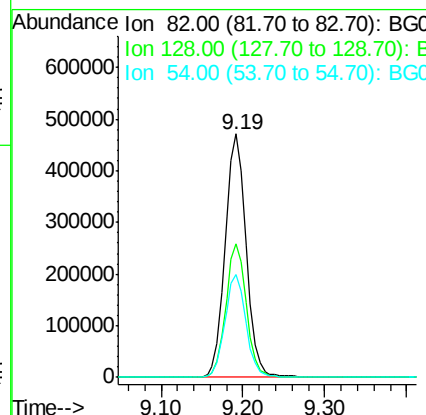
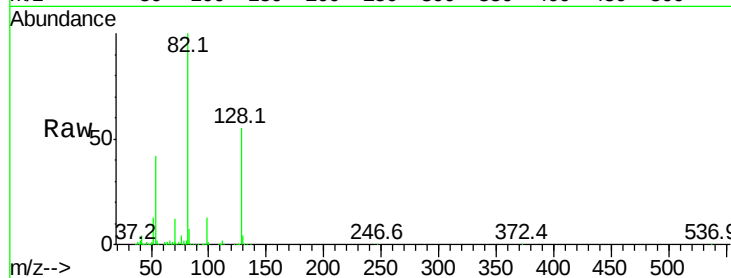




#23
 Nitrobenzene-d5
 Concen: 83.07 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG026633.D
 Acq: 12 Apr 2017 1:44

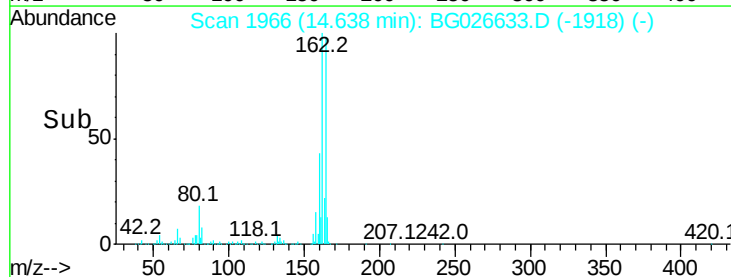
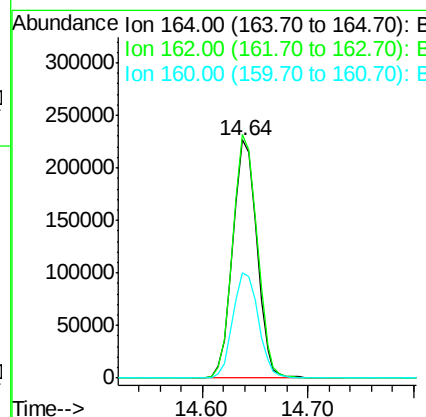
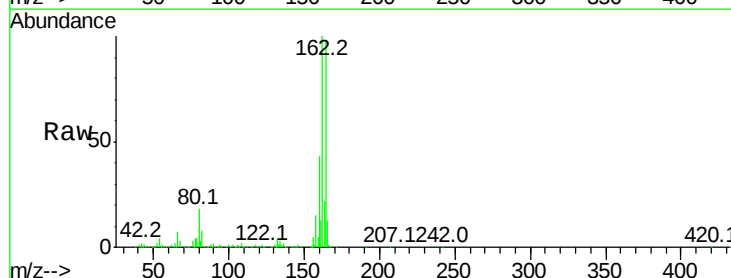
Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-MAHWAH

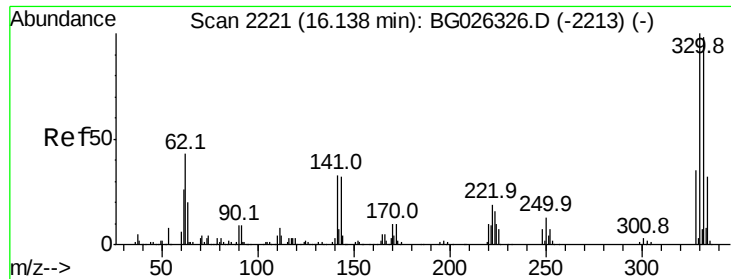
Tot Ion	82	Resp	843879
Ion Ratio	100		
Lower	26.4		
Upper	39.6		
54	42.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026633.D
 Acq: 12 Apr 2017 1:44

Tgt Ion	164	Resp	358740
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>85.1</td> <td></td> <td></td>	85.1		
Upper <td>127.7</td> <td></td> <td></td>	127.7		
162	102.3	34.7	52.1

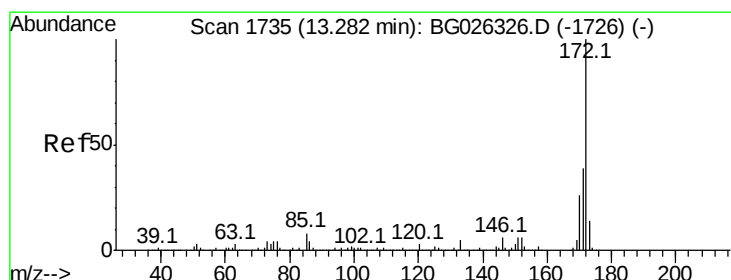
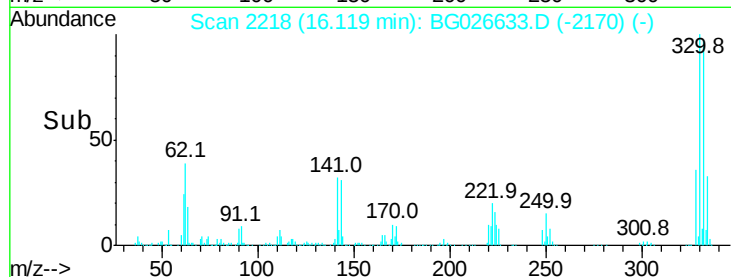
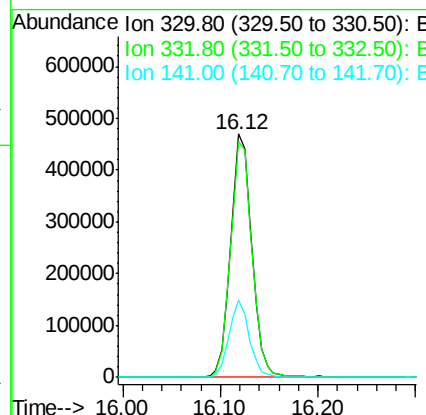
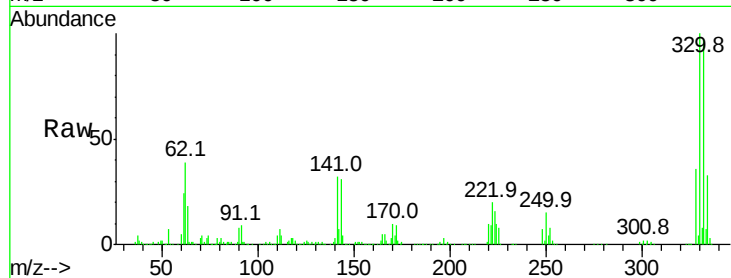




#41
 2,4,6-Tribromophenol
 Concen: 173.42 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BG026633.D
 Acq: 12 Apr 2017 1:44

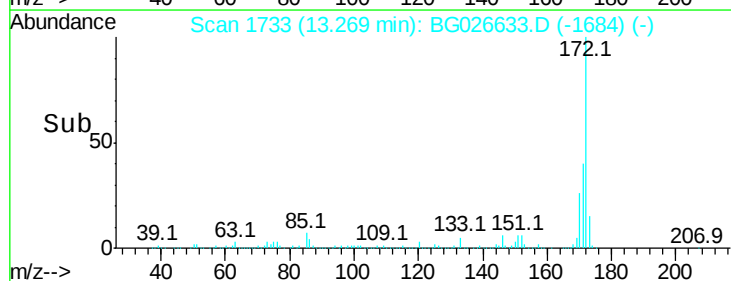
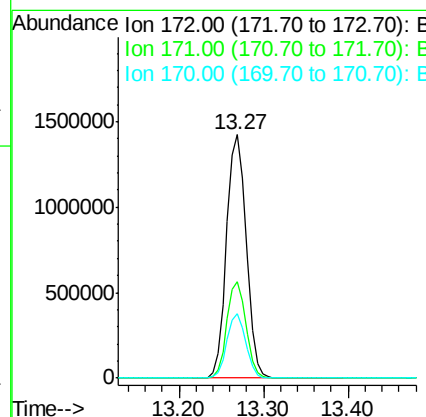
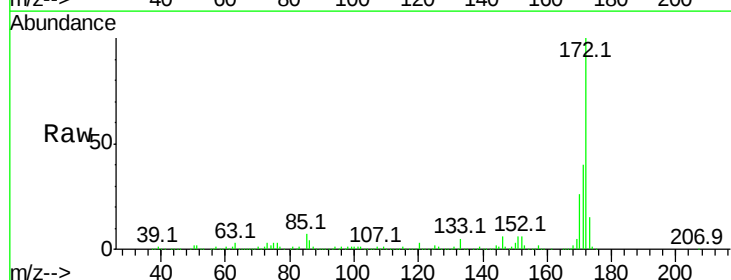
Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-MAHWAH

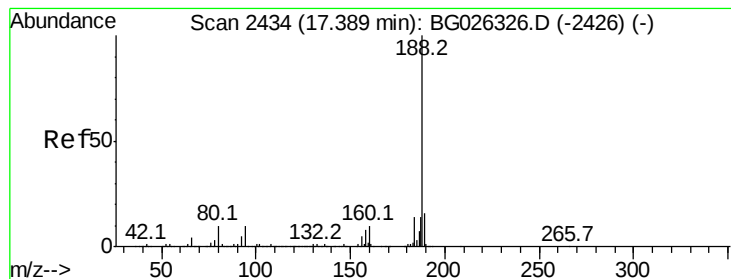
Tot Ion:330 Resp: 712451
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.3 115.9
 141 30.4 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 90.24 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026633.D
 Acq: 12 Apr 2017 1:44

Tgt Ion:172 Resp: 2308517
 Ion Ratio Lower Upper
 172 100
 171 39.8 32.2 48.2
 170 26.4 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026633.D

Acq: 12 Apr 2017 1:44

Instrument :

BNA_G

ClientSampleId :

SOUTH-MAHWAH

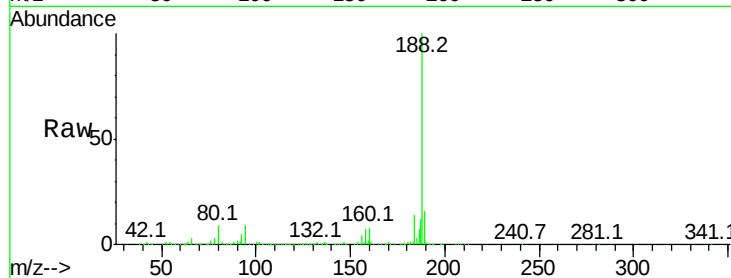
Tot Ion:188 Resp: 931980

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.8#

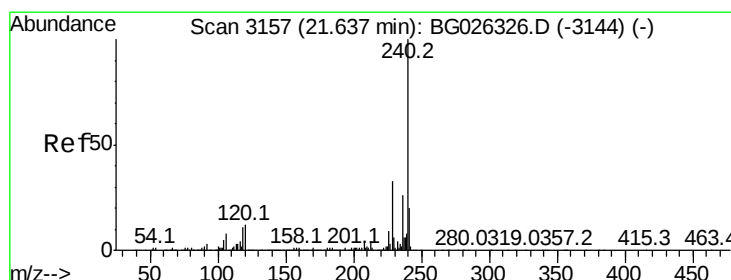
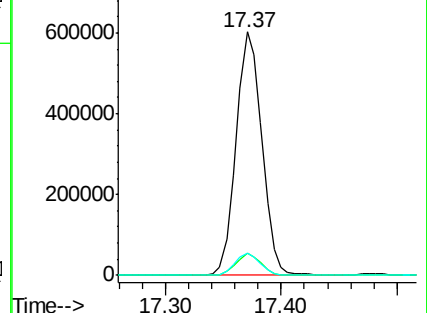
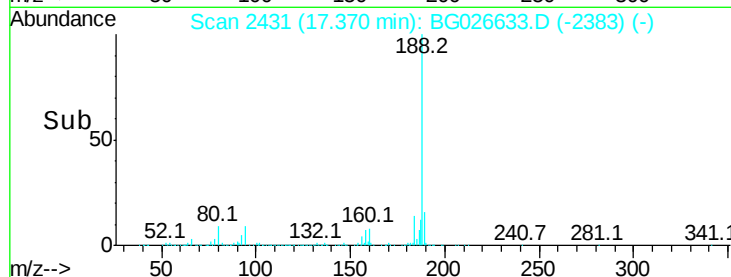
80 9.0 7.5 11.3



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# 3154

Delta R.T. -0.02 min

Lab File: BG026633.D

Acq: 12 Apr 2017 1:44

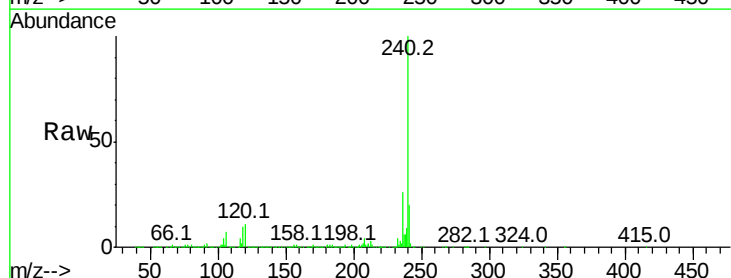
Tgt Ion:240 Resp: 1207771

Ion Ratio Lower Upper

240 100

120 11.3 5.7 8.5#

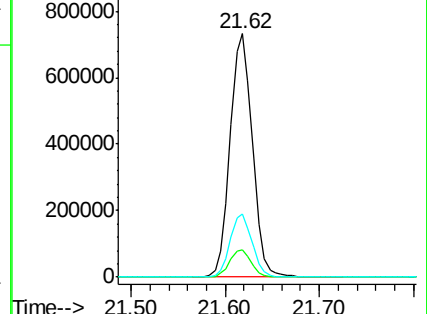
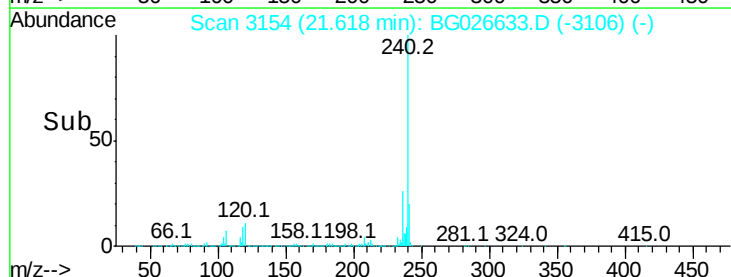
236 25.8 22.2 33.4

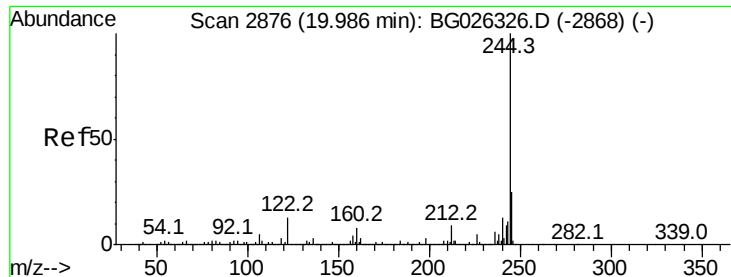


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.04 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026633.D

Acq: 12 Apr 2017 1:44

Instrument :

BNA_G

ClientSampleId :

SOUTH-MAHWAH

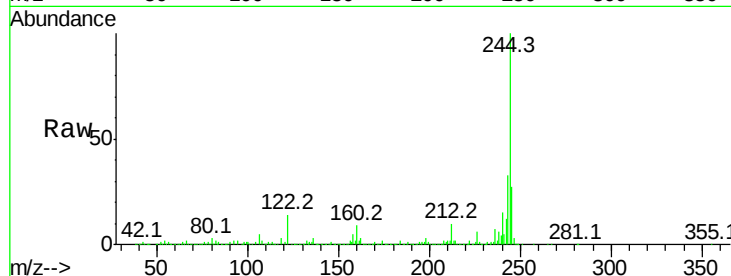
Tot Ion:244 Resp: 3632525

Ion Ratio Lower Upper

244 100

212 9.8 10.0 15.0#

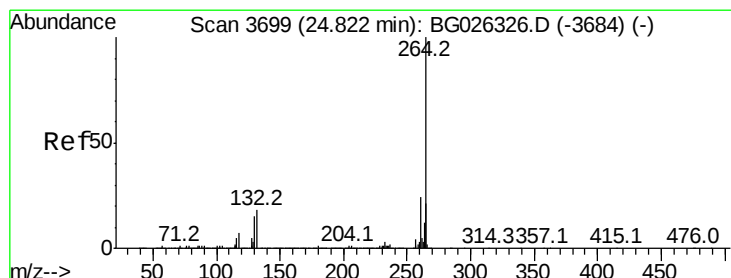
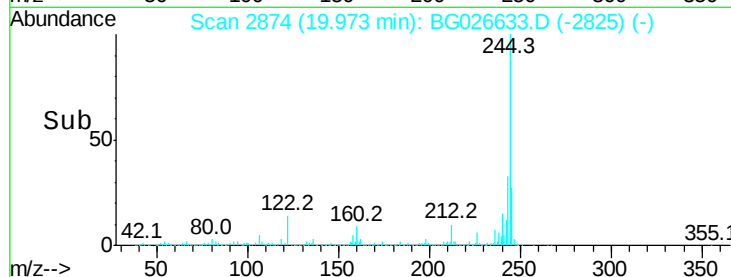
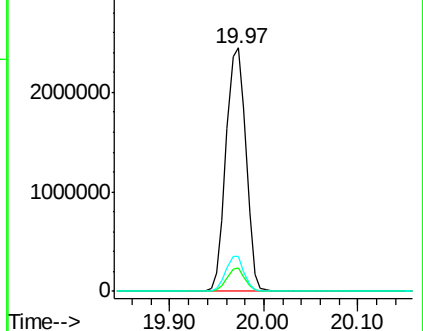
122 14.1 8.6 12.8#



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: 24.79 min Scan# 3694

Delta R.T. -0.03 min

Lab File: BG026633.D

Acq: 12 Apr 2017 1:44

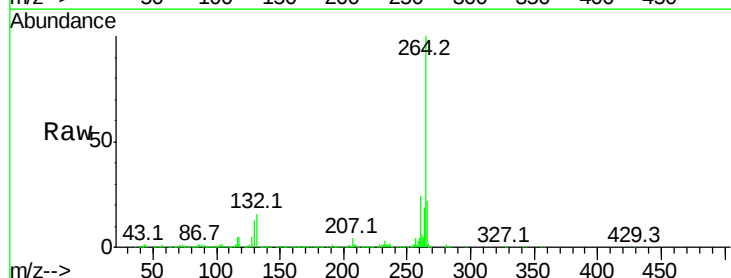
Tgt Ion:264 Resp: 1015390

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 21.7 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

