

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026590.D
 Acq On : 7 Apr 2017 7:13
 Operator : SJ/MA
 Sample : I2574-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B45-S1(0-2)

Quant Time: Apr 07 07:47:56 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

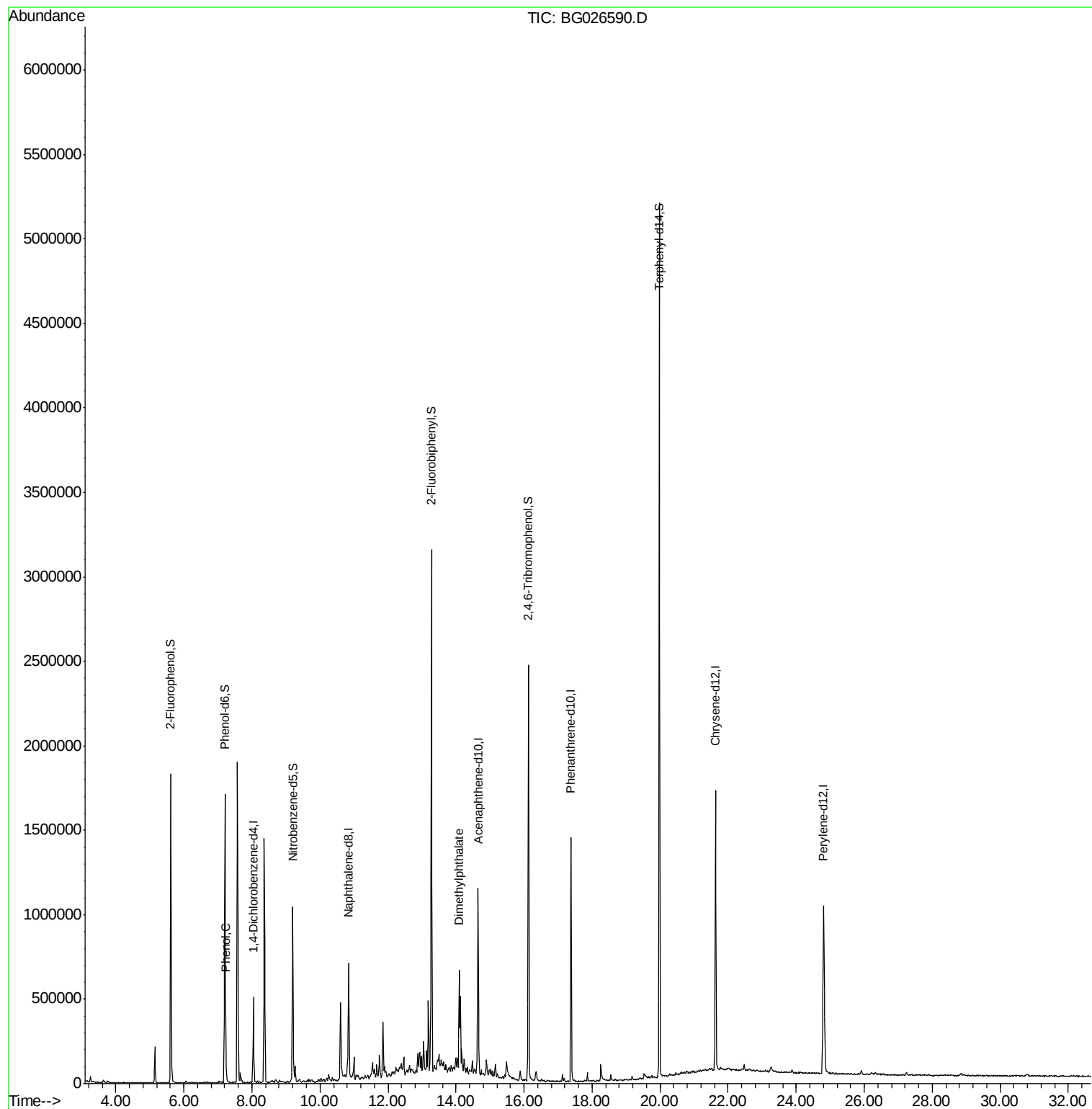
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	163883	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	662602	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	390638	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	958335	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1113613	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1070861	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	975318	105.63	ng	0.00
7) Phenol-d6	7.20	99	1286610	103.79	ng	0.00
23) Nitrobenzene-d5	9.20	82	682003	61.89	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	534253	119.43	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	1741244	62.51	ng	0.00
78) Terphenyl-d14	19.97	244	2317359	50.54	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	75153	5.68	ng	Qvalue # 74
49) Dimethylphthalate	14.09	163	379815	12.88	ng	98

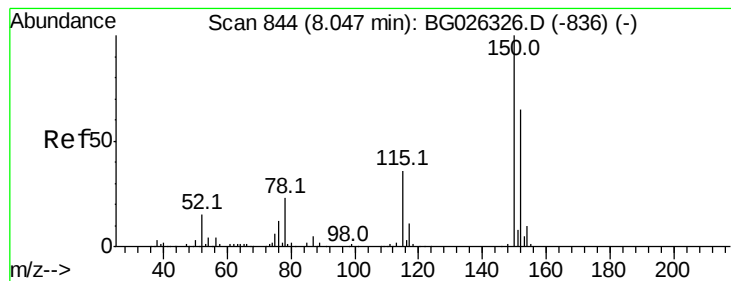
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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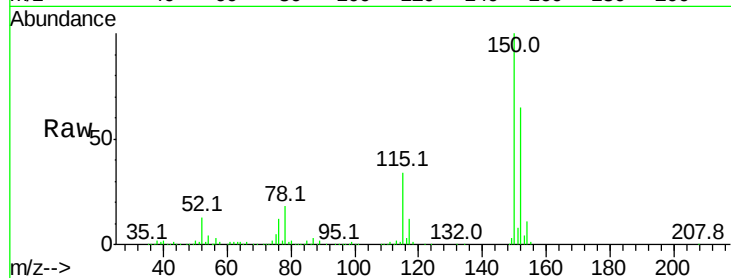


#1

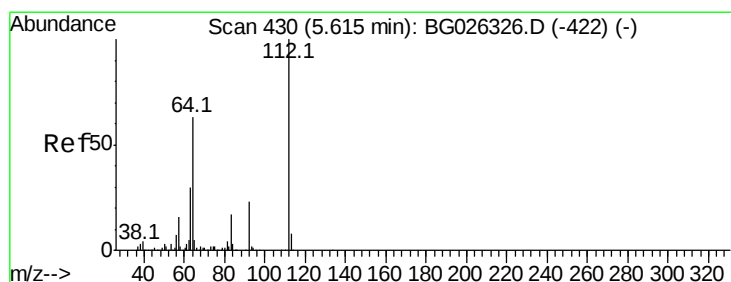
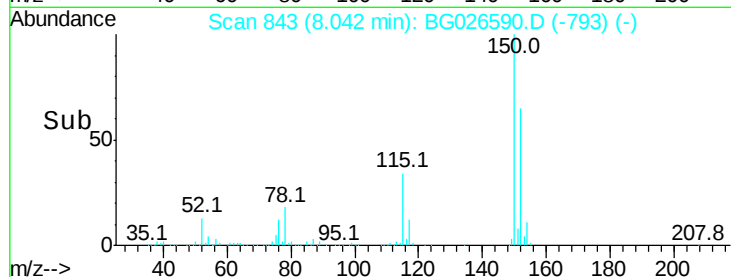
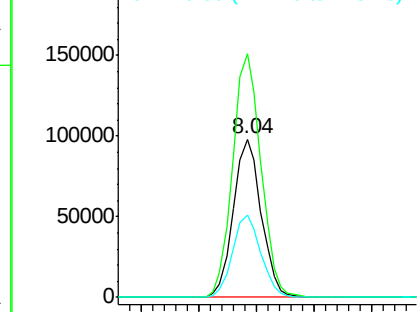
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026590.D
Acq: 7 Apr 2017 7:13

Instrument :
BNA_G
ClientSampleId :
B45-S1(0-2)

Tot Ion:152 Resp: 163883
Ion Ratio Lower Upper
152 100
150 154.2 114.0 171.0
115 52.1 48.1 72.1



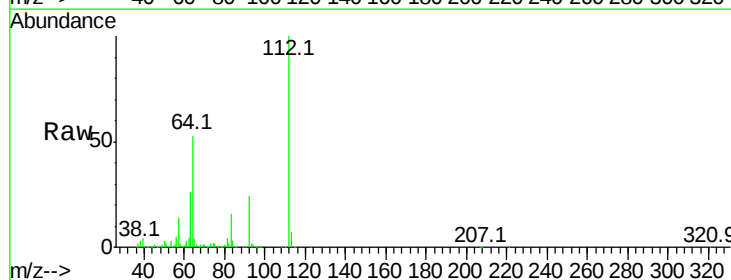
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



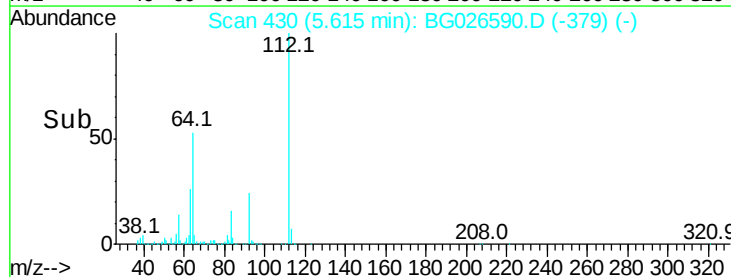
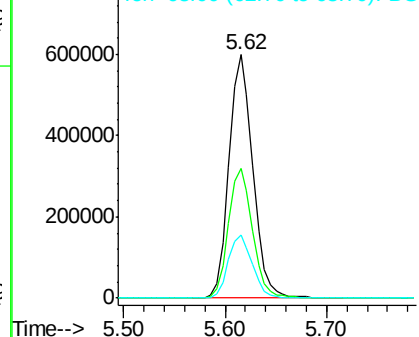
#5

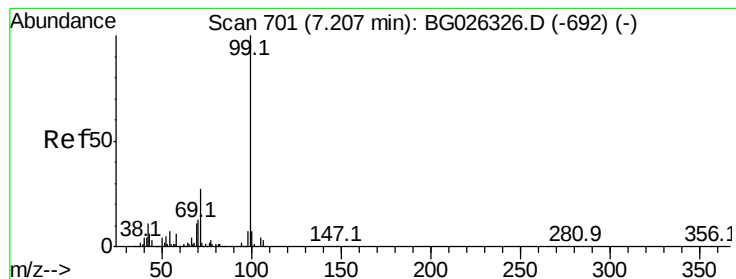
2-Fluorophenol
Concen: 105.63 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026590.D
Acq: 7 Apr 2017 7:13

Tgt Ion:112 Resp: 975318
Ion Ratio Lower Upper
112 100
64 53.3 61.8 92.6#
63 26.2 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: 103.79 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026590.D

Acq: 7 Apr 2017 7:13

Instrument :

BNA_G

ClientSampleId :

B45-S1(0-2)

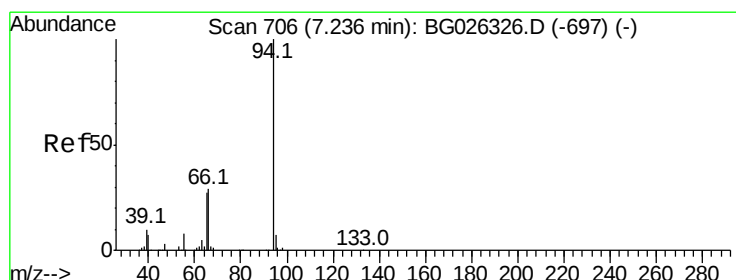
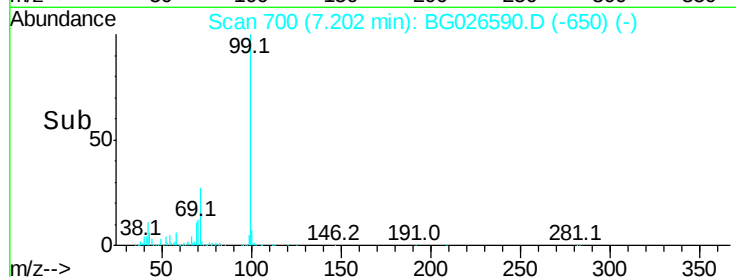
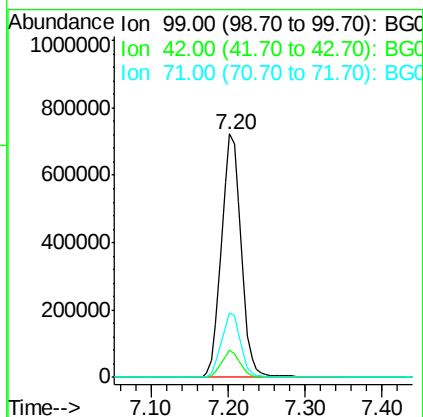
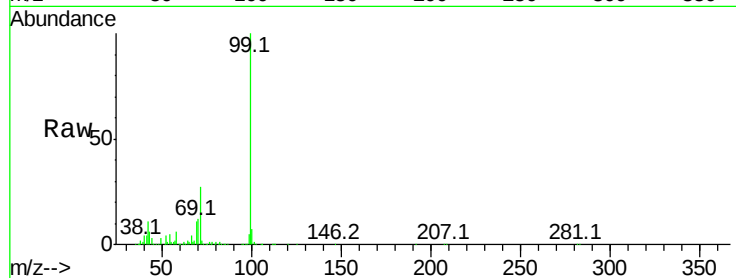
Tot Ion: 99 Resp: 1286610

Ion Ratio Lower Upper

99 100

42 11.0 20.5 30.7#

71 26.6 37.6 56.4#



#10

Phenol

Concen: 5.68 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG026590.D

Acq: 7 Apr 2017 7:13

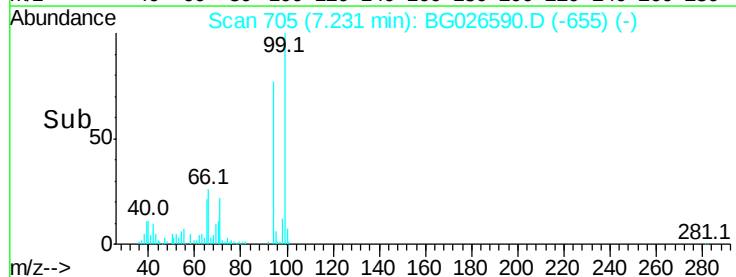
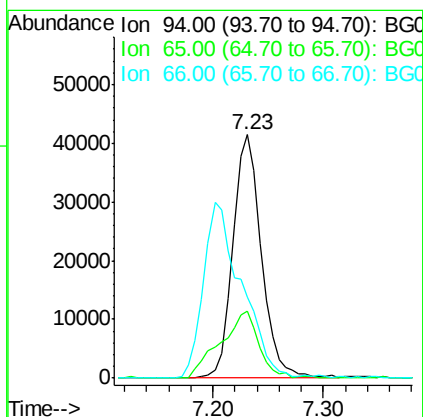
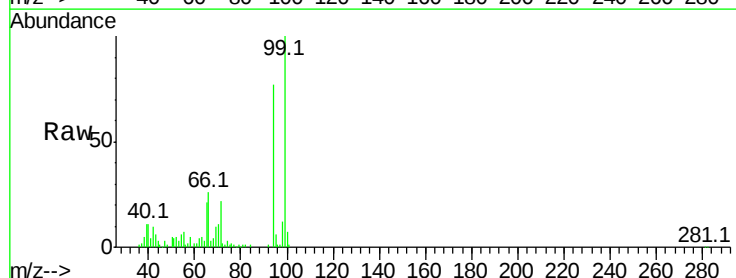
Tgt Ion: 94 Resp: 75153

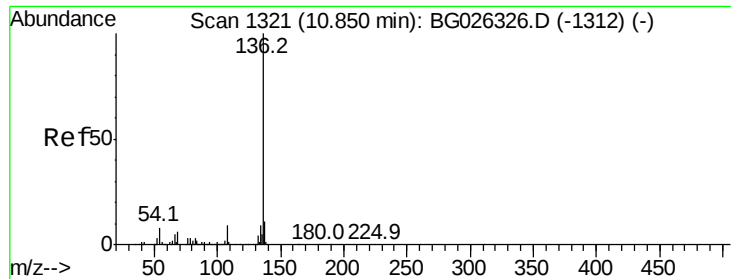
Ion Ratio Lower Upper

94 100

65 27.7 20.6 60.6

66 33.5 35.5 75.5#

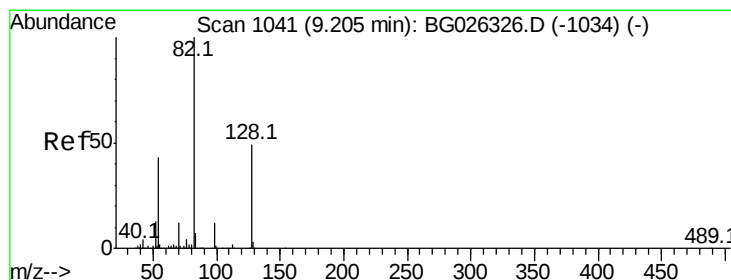
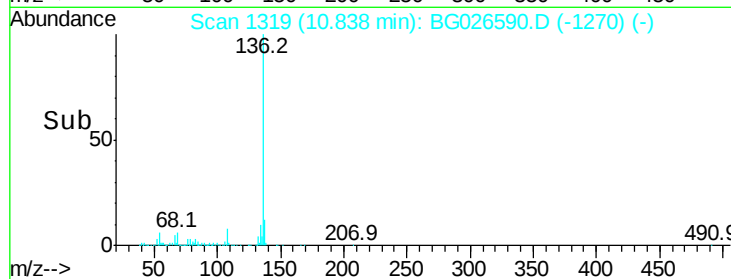
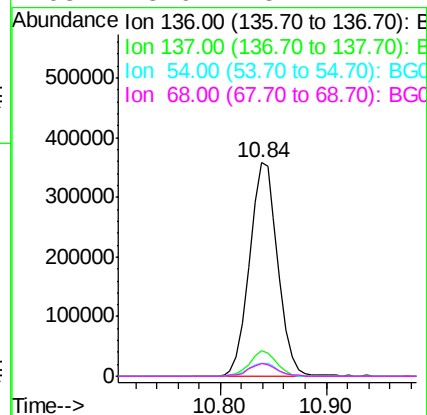
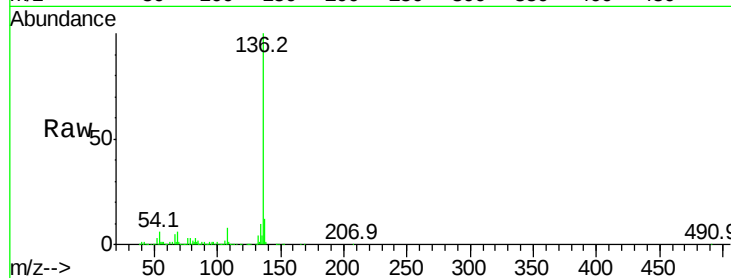




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG026590.D
Acq: 7 Apr 2017 7:13

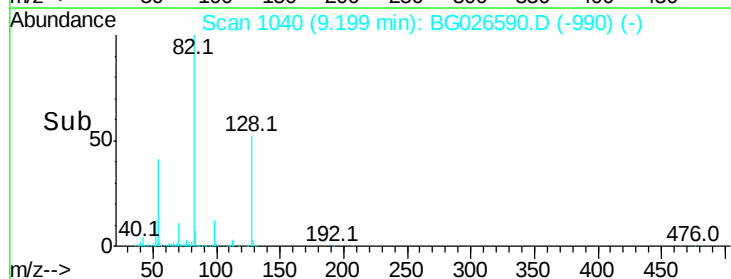
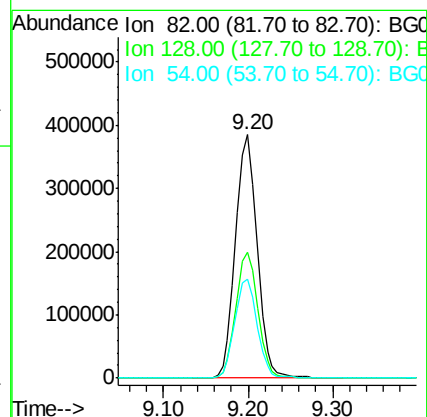
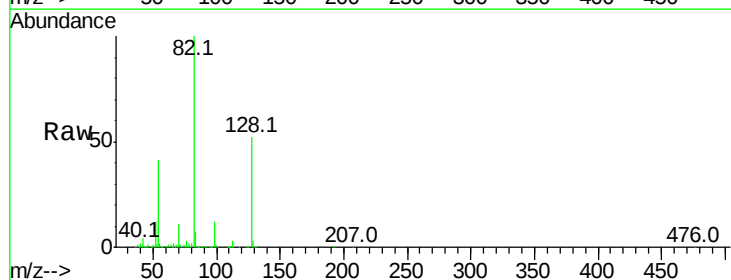
Instrument :
BNA_G
ClientSampleId :
B45-S1(0-2)

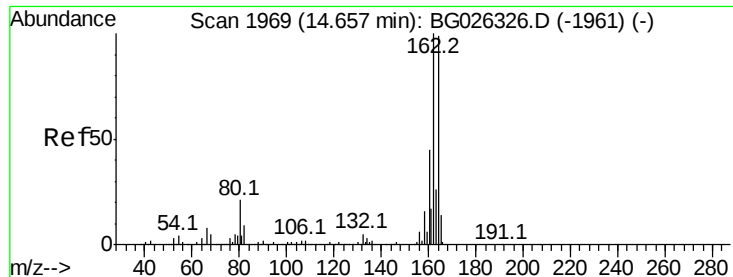
Tot Ion:	136	Resp:	662602
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	6.3	9.3	13.9#
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 61.89 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026590.D
Acq: 7 Apr 2017 7:13

Tgt Ion:	82	Resp:	682003
Ion	Ratio	Lower	Upper
82	100		
128	51.9	26.4	39.6#
54	40.7	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: BG026590.D

Acq: 7 Apr 2017 7:13

Instrument :

BNA_G

ClientSampleId :

B45-S1(0-2)

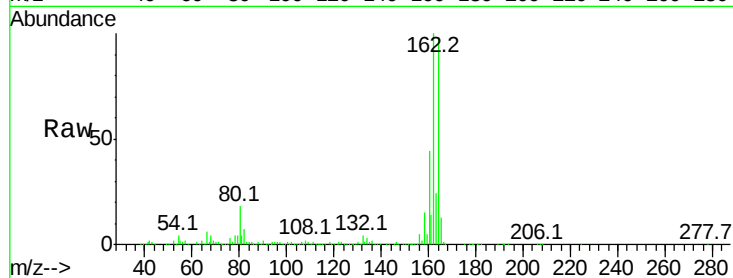
Tot Ion:164 Resp: 390638

Ion Ratio Lower Upper

164 100

162 102.2 85.1 127.7

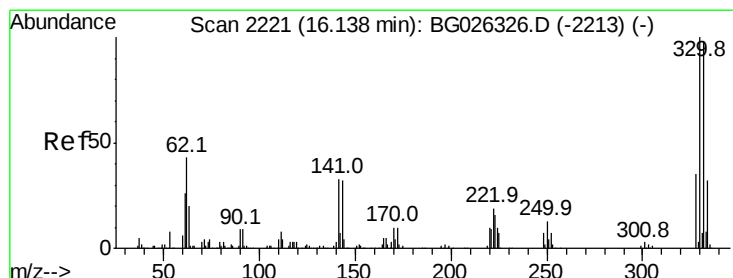
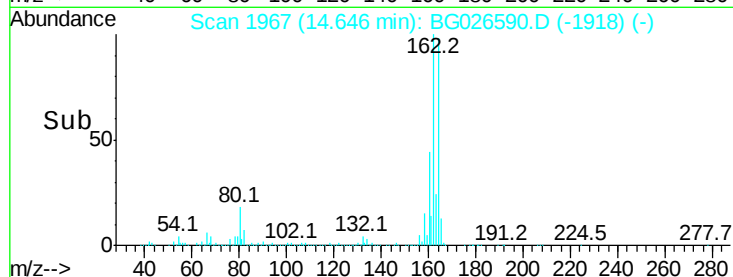
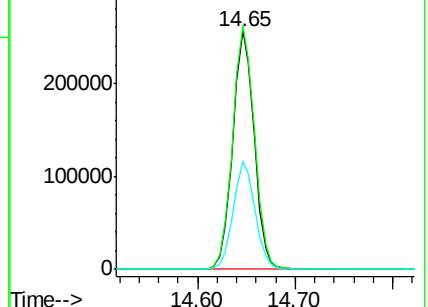
160 45.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 119.43 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG026590.D

Acq: 7 Apr 2017 7:13

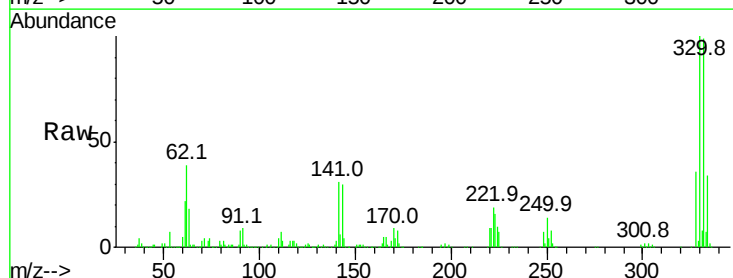
Tgt Ion:330 Resp: 534253

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

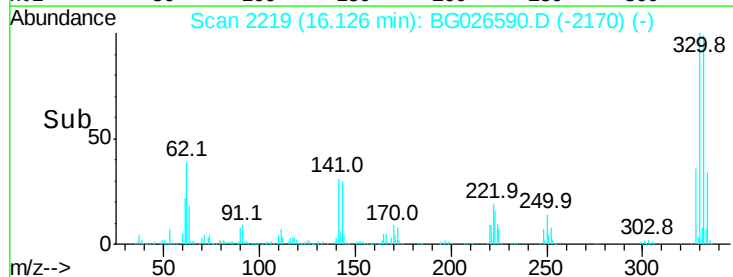
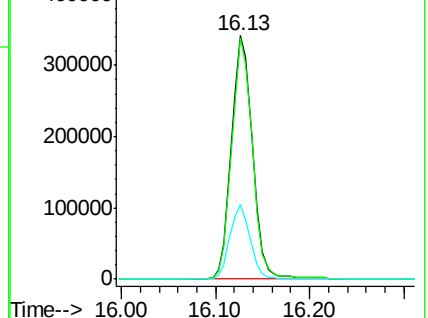
141 29.5 32.1 48.1#

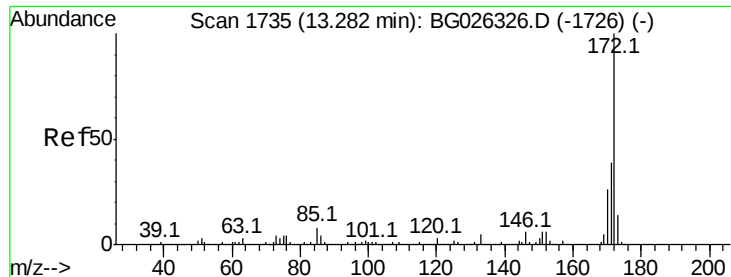


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

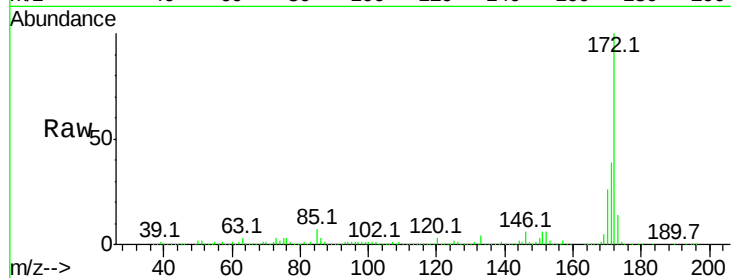




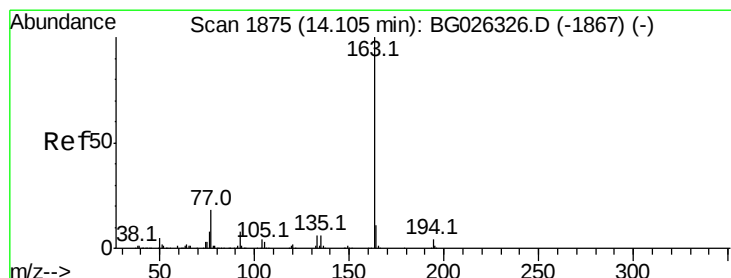
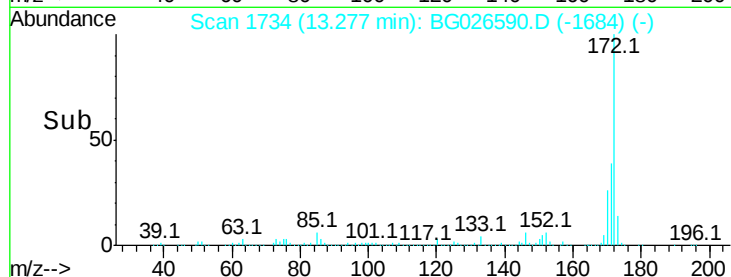
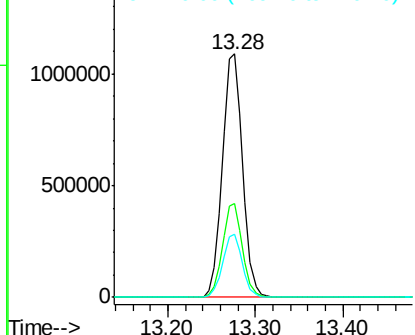
#44
2-Fluorobiphenyl
Concen: 62.51 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG026590.D
Acq: 7 Apr 2017 7:13

Instrument :
BNA_G
ClientSampleId :
B45-S1(0-2)

Tot Ion:172 Resp: 1741244
Ion Ratio Lower Upper
172 100
171 38.7 32.2 48.2
170 25.9 21.8 32.6

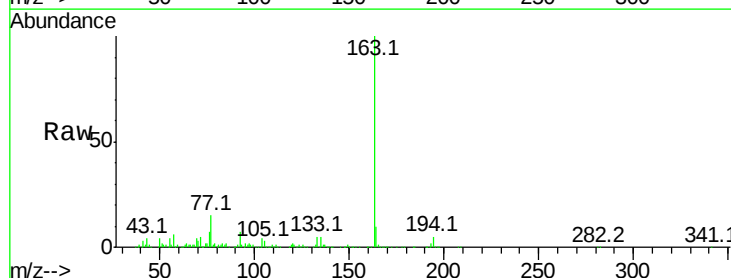


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

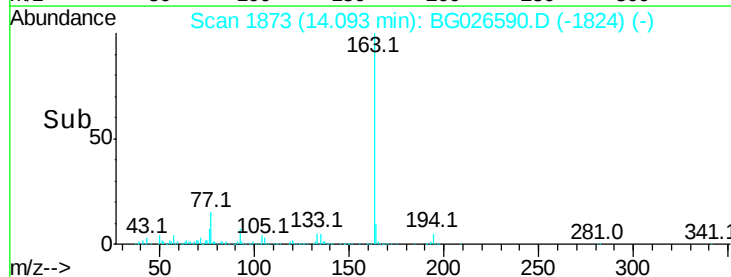
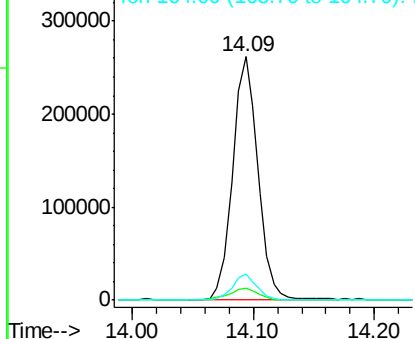


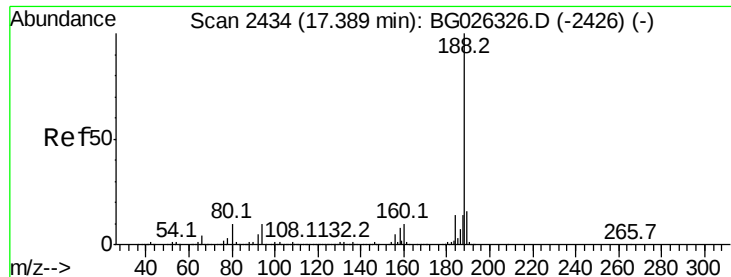
#49
Dimethylphthalate
Concen: 12.88 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG026590.D
Acq: 7 Apr 2017 7:13

Tgt Ion:163 Resp: 379815
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.6
164 10.5 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# 2432

Delta R.T. -0.01 min

Lab File: BG026590.D

Acq: 7 Apr 2017 7:13

Instrument :

BNA_G

ClientSampleId :

B45-S1(0-2)

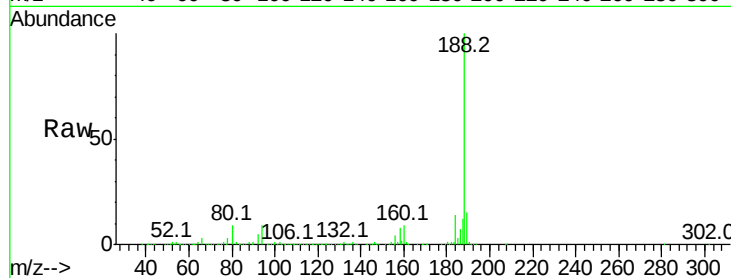
Tot Ion:188 Resp: 958335

Ion Ratio Lower Upper

188 100

94 9.3 5.8 8.8#

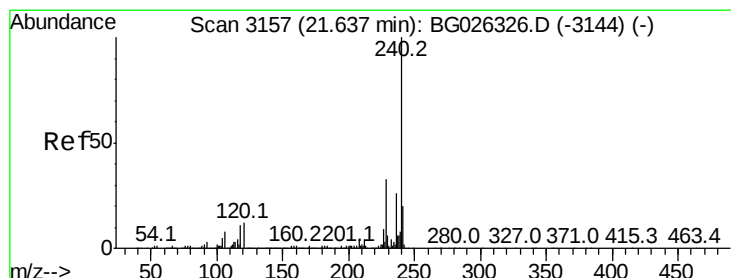
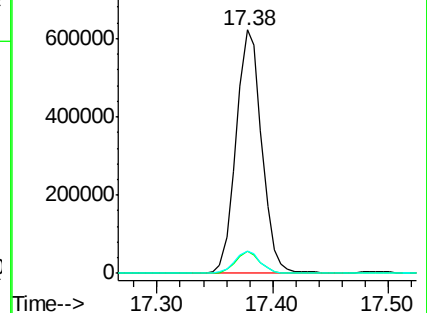
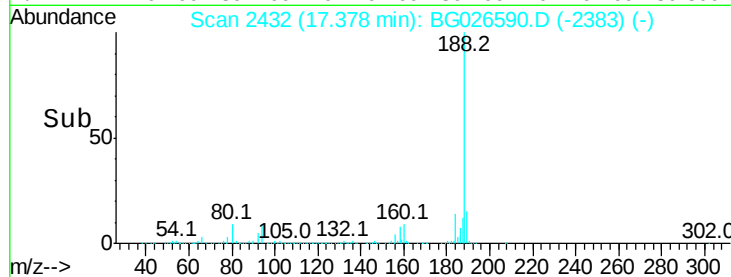
80 9.3 7.5 11.3



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: BG026590.D

Acq: 7 Apr 2017 7:13

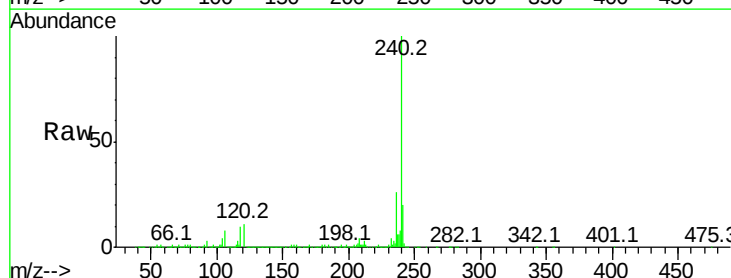
Tgt Ion:240 Resp: 1113613

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

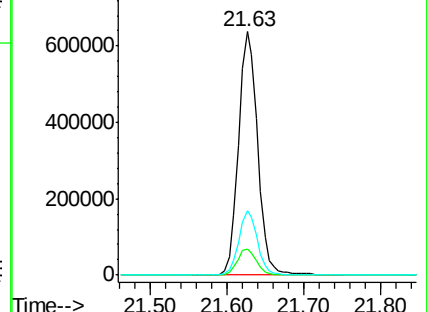
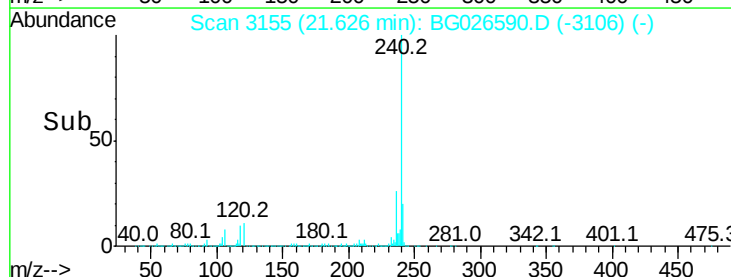
236 26.3 22.2 33.4

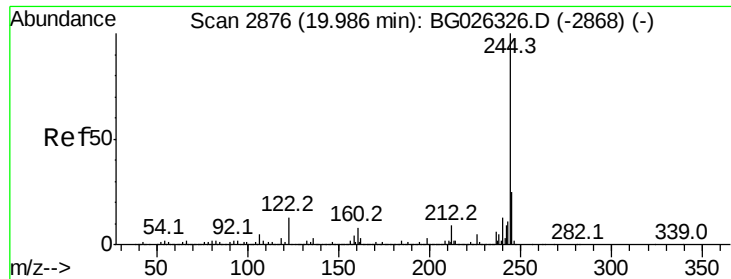


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

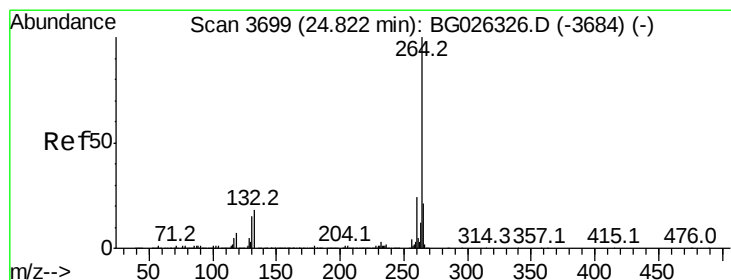
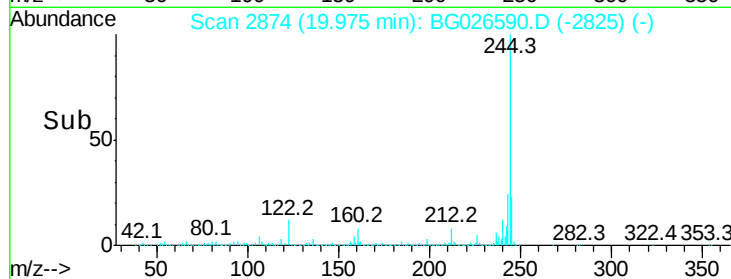
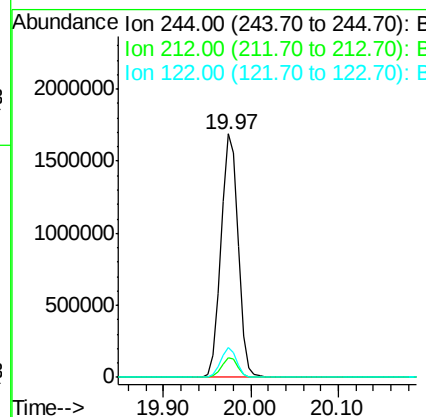
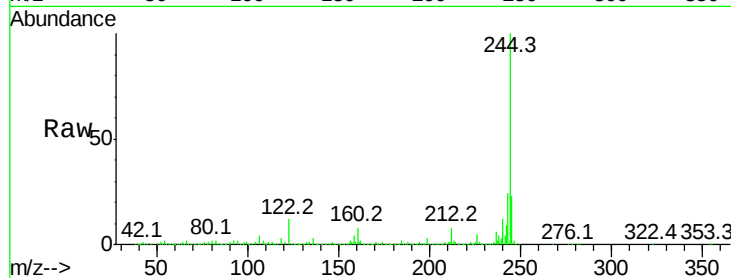




#78
 Terphenyl-d14
 Concen: 50.54 ng
 RT: 19.97 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BG026590.D
 Acq: 7 Apr 2017 7:13

Instrument :
 BNA_G
 ClientSampleId :
 B45-S1(0-2)

Tot Ion:244 Resp: 2317359
 Ion Ratio Lower Upper
 244 100
 212 8.0 10.0 15.0#
 122 12.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.80 min Scan# 3696
 Delta R.T. -0.02 min
 Lab File: BG026590.D
 Acq: 7 Apr 2017 7:13

Tgt Ion:264 Resp: 1070861
 Ion Ratio Lower Upper
 264 100
 260 24.9 21.8 32.8
 265 21.9 18.2 27.4

