

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026673.D
 Acq On : 20 Apr 2017 2:49
 Operator : SJ/MA
 Sample : I2751-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-1494-COMP

Quant Time: Apr 20 07:13:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	155874	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	658089	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	400606	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1105598	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1218691	20.00	ng	-0.02
86) Perylene-d12	24.78	264	1131119	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1257365	146.64	ng	0.00
7) Phenol-d6	7.22	99	1553146	138.23	ng	0.01
23) Nitrobenzene-d5	9.19	82	940925	99.77	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	868847	155.65	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2532567	94.15	ng	-0.02
78) Terphenyl-d14	19.97	244	3703503	89.72	ng	-0.02

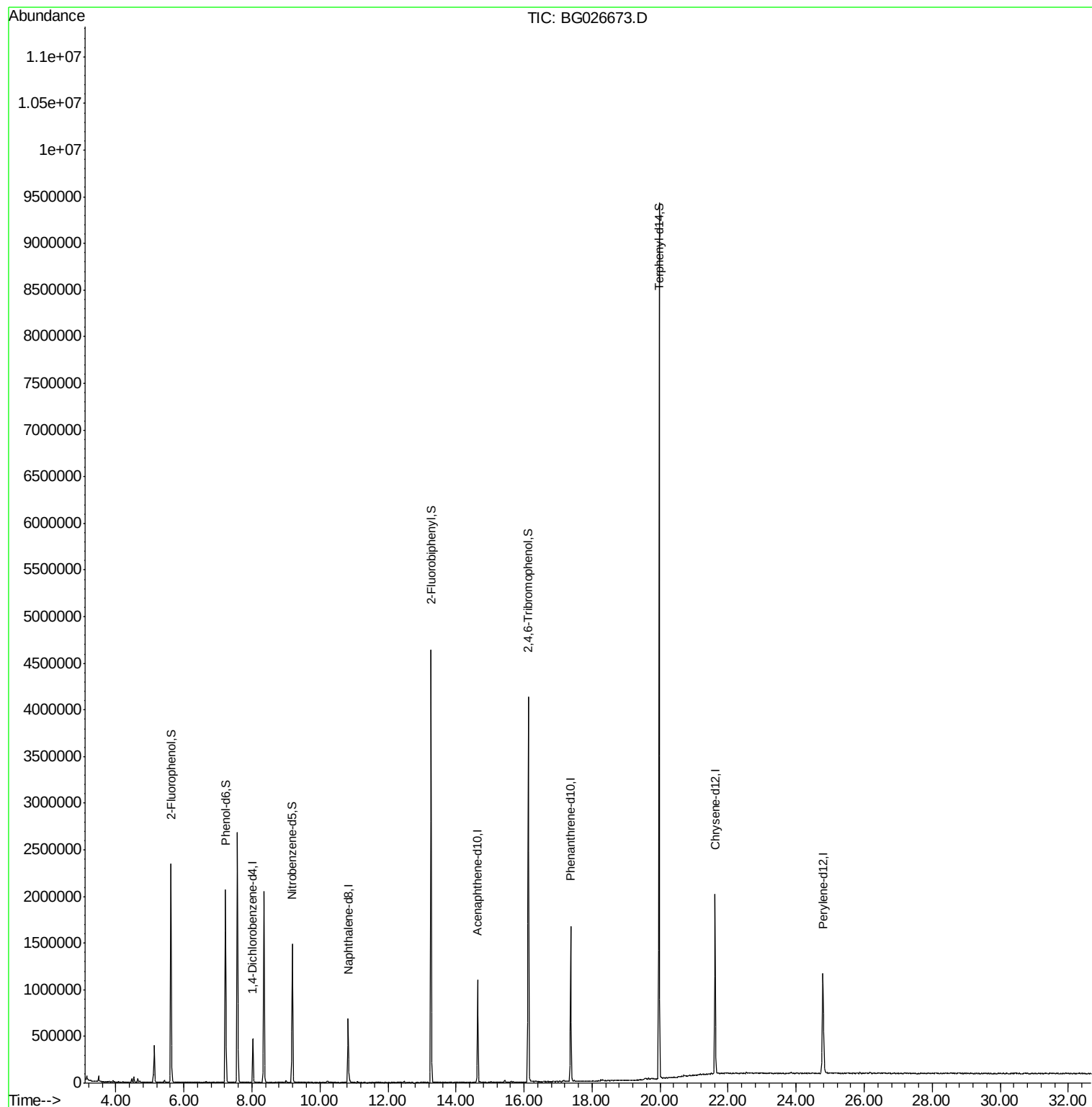
Target Compounds Qvalue

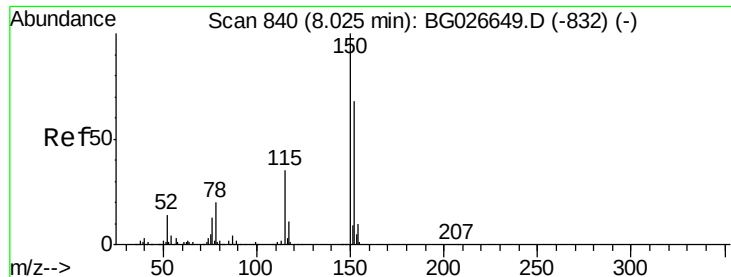
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.02 min

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BNA_G

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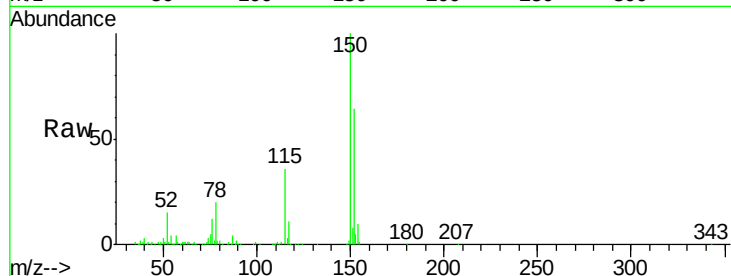
Tot Ion:152 Resp: 155874

Ion Ratio Lower Upper

152 100

150 156.4 114.0 171.0

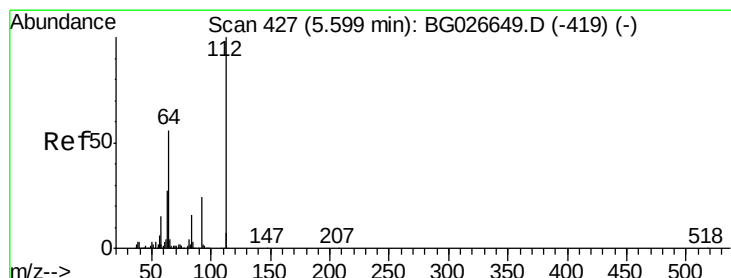
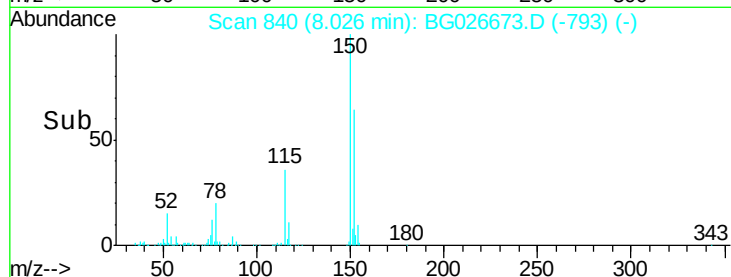
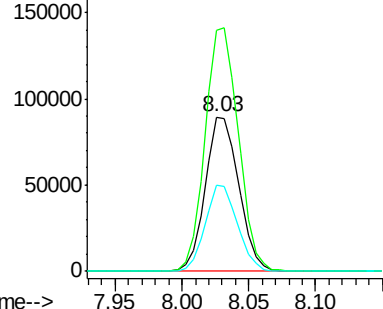
115 55.7 48.1 72.1



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: 146.64 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG026673.D

Acq: 20 Apr 2017 2:49

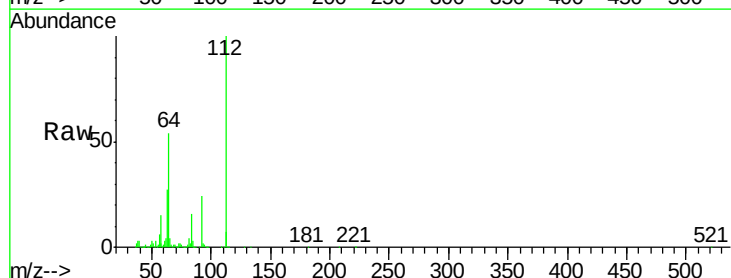
Tgt Ion:112 Resp: 1257365

Ion Ratio Lower Upper

112 100

64 53.9 61.8 92.6#

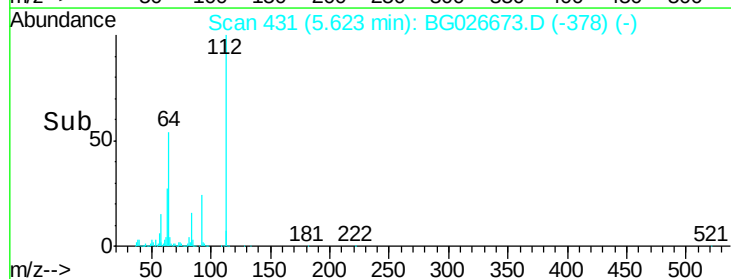
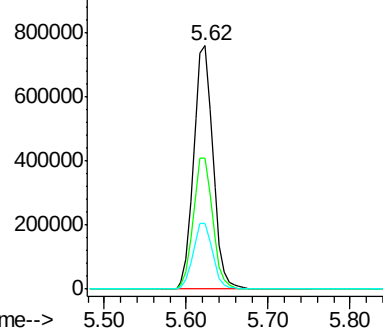
63 27.2 37.2 55.8#

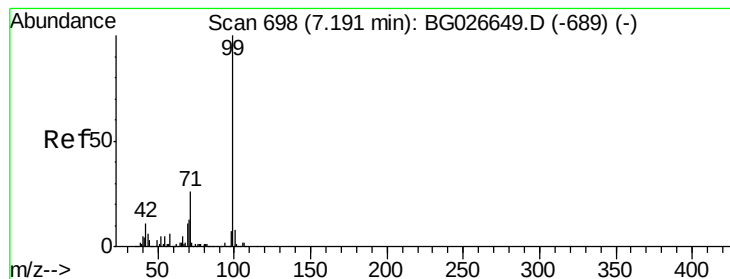


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.23 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026673.D

Acq: 20 Apr 2017 2:49

Instrument :

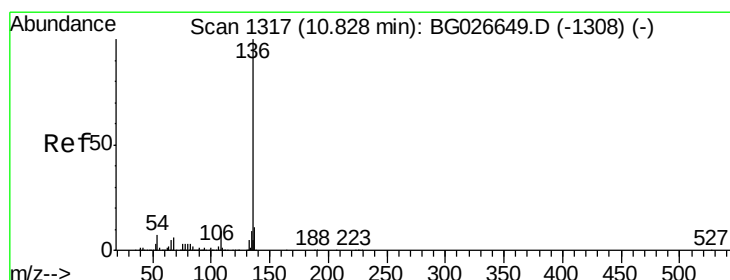
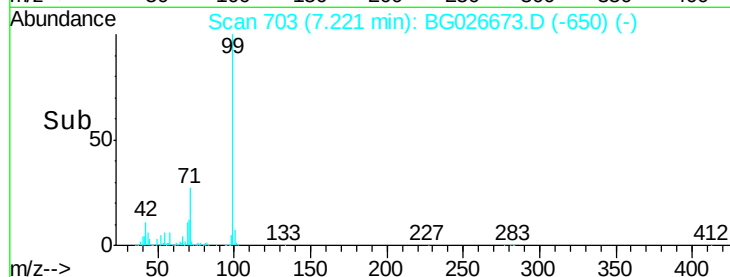
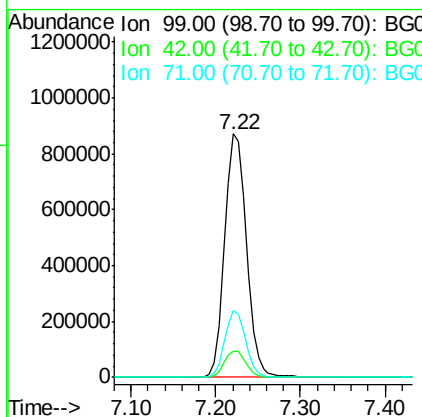
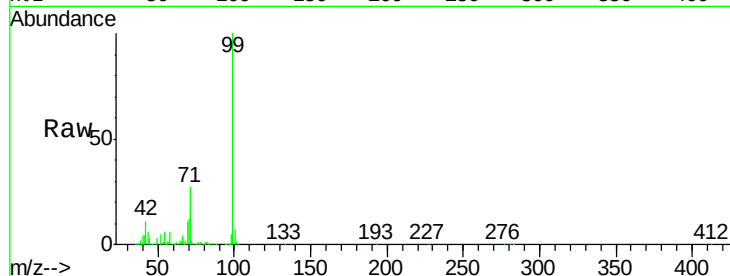
BNA_G

ClientSampleId :

RT-1494-COMP

Tot Ion: 99 Resp: 1553146

Ion	Ratio	Lower	Upper
99	100		
42	10.6	20.5	30.7#
71	27.3	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1317

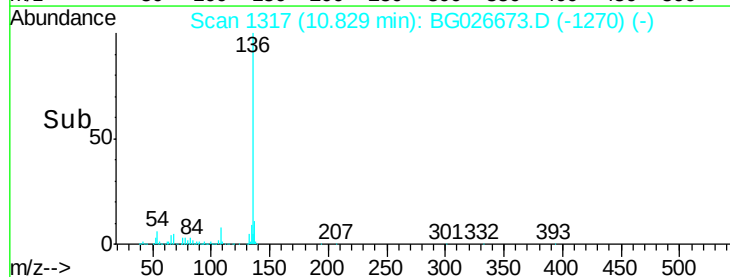
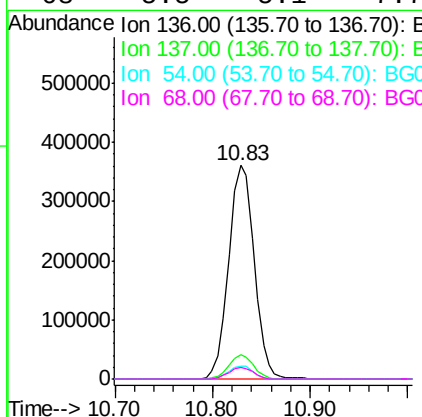
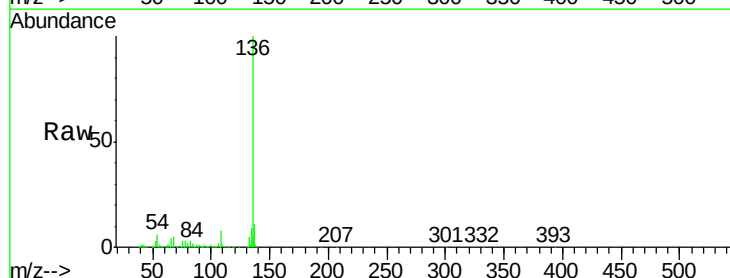
Delta R.T. -0.02 min

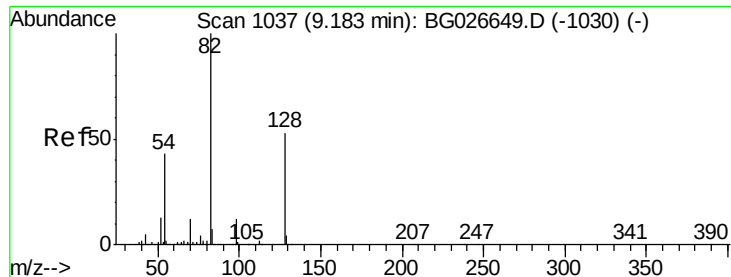
Lab File: BG026673.D

Acq: 20 Apr 2017 2:49

Tgt Ion: 136 Resp: 658089

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.3	9.3	13.9#
68	5.5	5.1	7.7

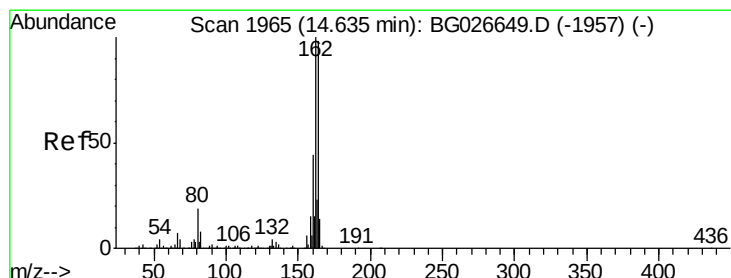
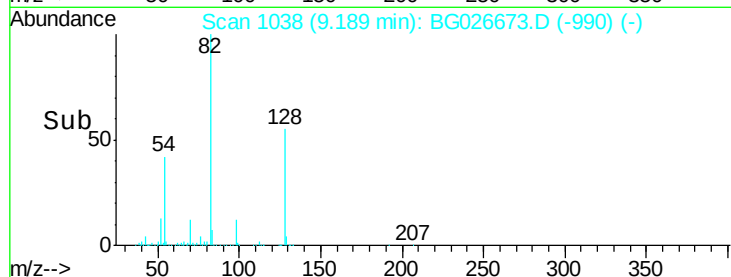
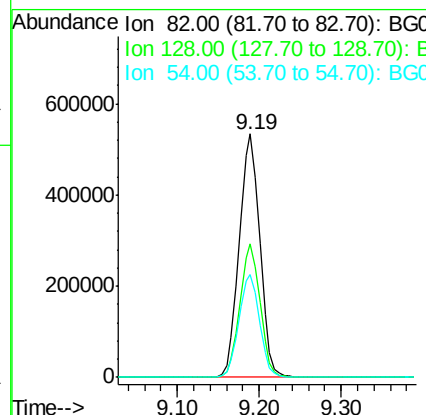
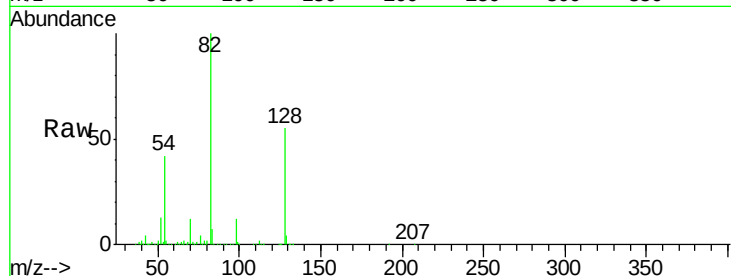




#23
Nitrobenzene-d5
Concen: 99.77 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG026673.D
Acq: 20 Apr 2017 2:49

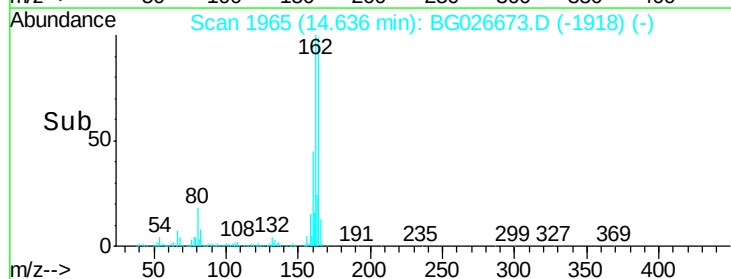
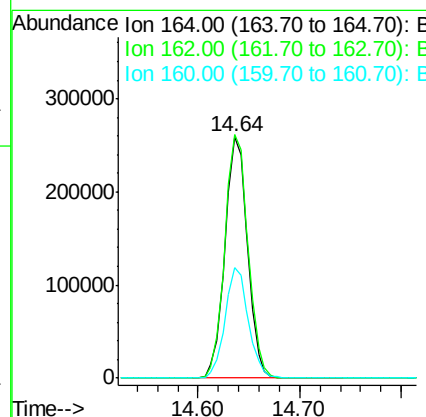
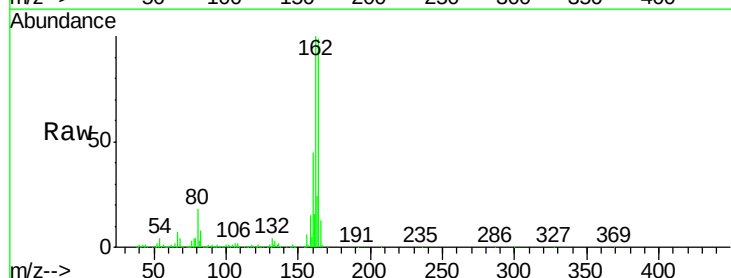
Instrument :
BNA_G
ClientSampleId :
RT-1494-COMP

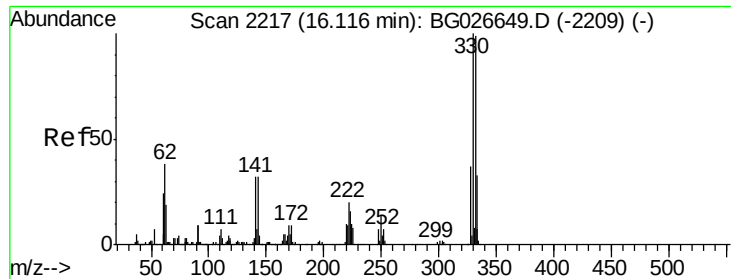
Tot Ion: 82 Resp: 940925
Ion Ratio Lower Upper
82 100
128 54.8 26.4 39.6#
54 42.2 49.4 74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG026673.D
Acq: 20 Apr 2017 2:49

Tgt Ion:164 Resp: 400606
Ion Ratio Lower Upper
164 100
162 101.0 85.1 127.7
160 45.9 34.7 52.1

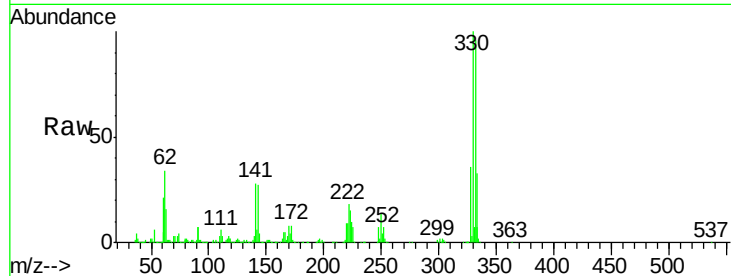




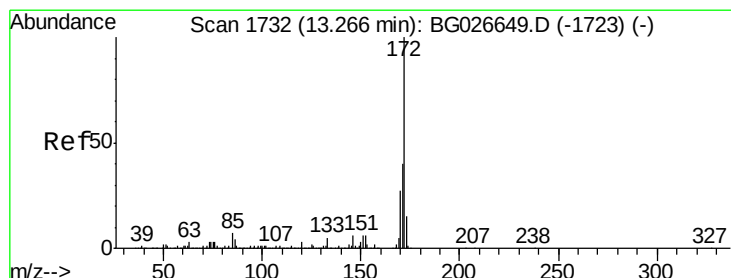
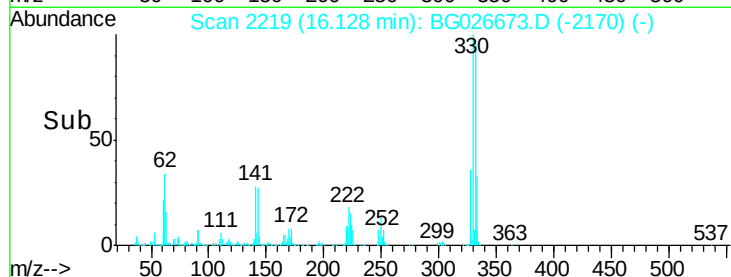
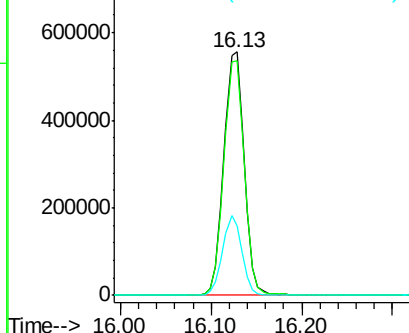
#41
2,4,6-Tribromophenol
Concen: 155.65 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG026673.D
Acq: 20 Apr 2017 2:49

Instrument :
BNA_G
ClientSampleId :
RT-1494-COMP

Tot Ion:330 Resp: 868847
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 30.9 32.1 48.1#

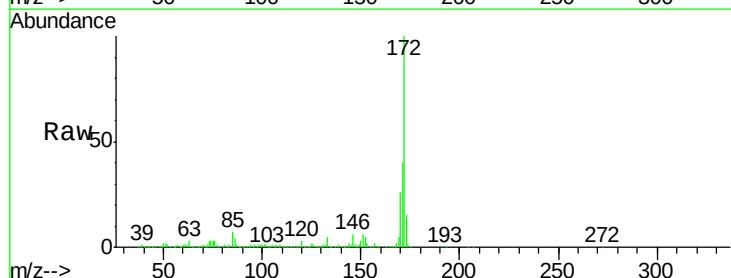


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

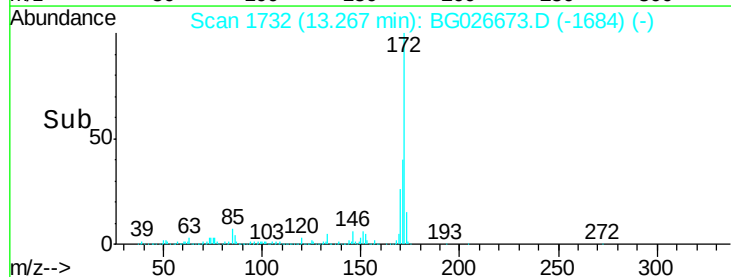
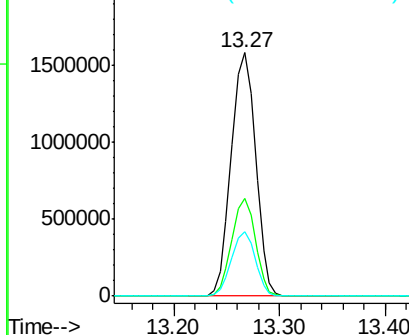


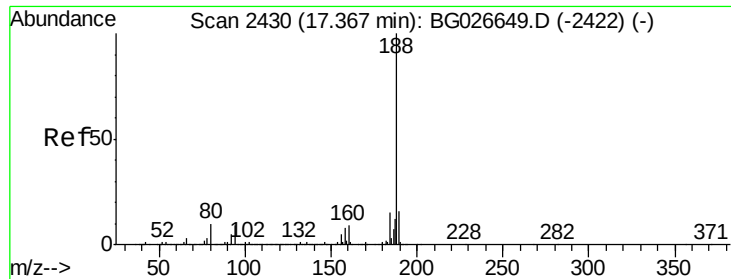
#44
2-Fluorobiphenyl
Concen: 94.15 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG026673.D
Acq: 20 Apr 2017 2:49

Tgt Ion:172 Resp: 2532567
Ion Ratio Lower Upper
172 100
171 40.3 32.2 48.2
170 26.4 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

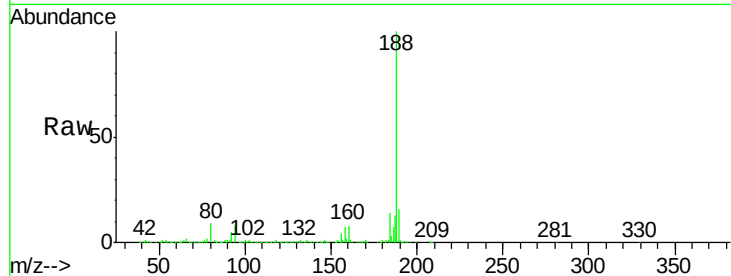




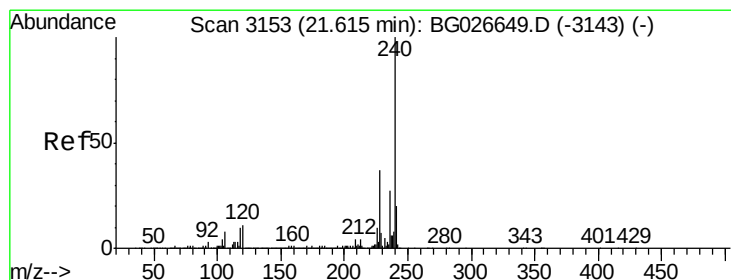
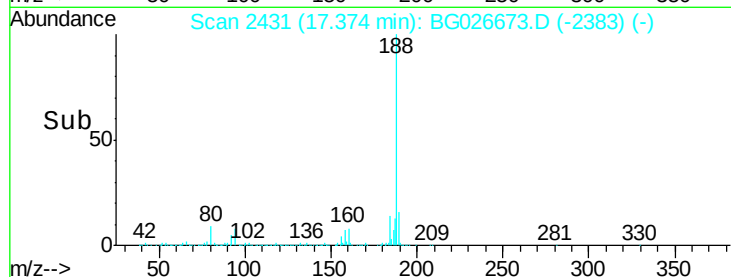
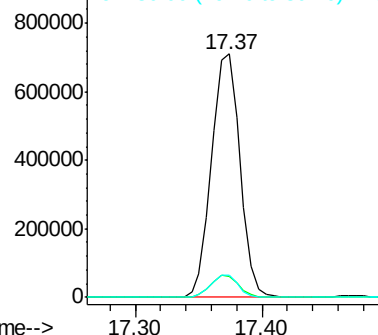
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026673.D
Acq: 20 Apr 2017 2:49

Instrument :
BNA_G
ClientSampleId :
RT-1494-COMP

Tot Ion:188 Resp: 1105598
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.8
80 9.2 7.5 11.3

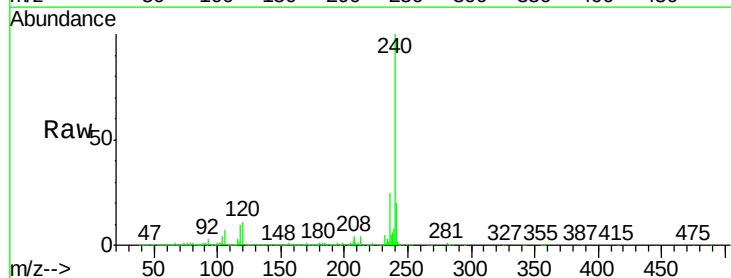


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

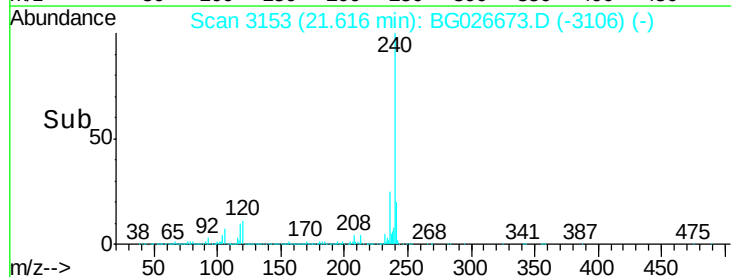
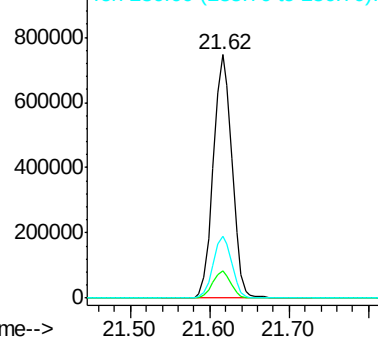


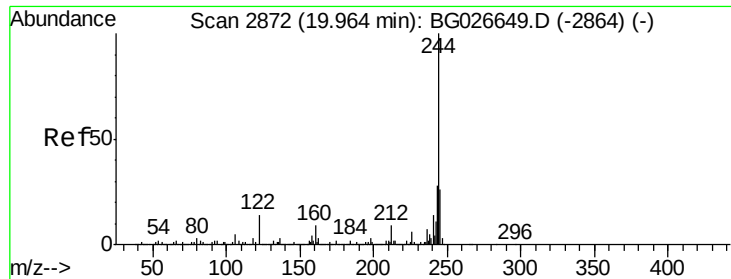
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG026673.D
Acq: 20 Apr 2017 2:49

Tgt Ion:240 Resp: 1218691
Ion Ratio Lower Upper
240 100
120 11.1 5.7 8.5#
236 25.5 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

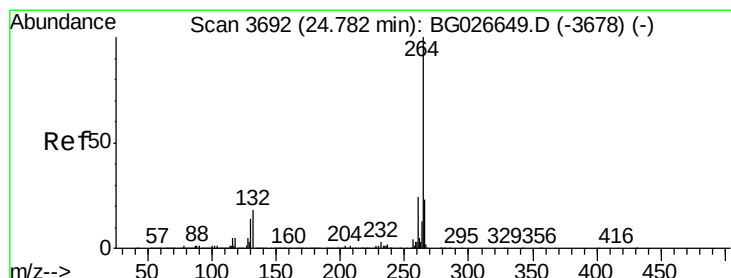
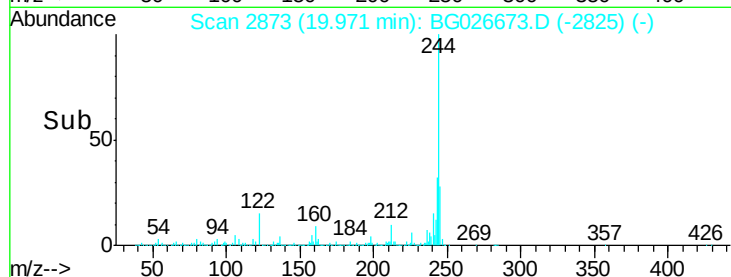
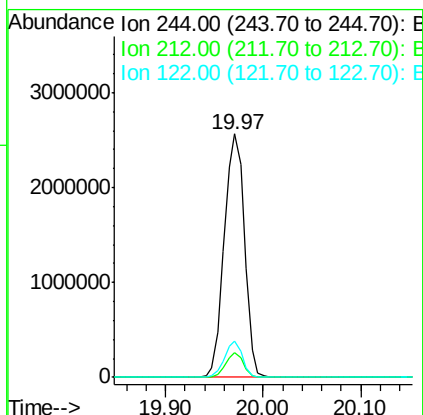
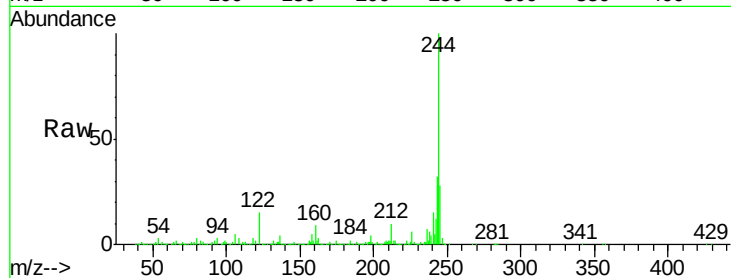




#78
 Terphenyl-d14
 Concen: 89.72 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. -0.02 min
 Lab File: BG026673.D
 Acq: 20 Apr 2017 2:49

Instrument :
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 RT-1494-COMP

Tot Ion:244 Resp: 3703503
 Ion Ratio Lower Upper
 244 100
 212 10.2 10.0 15.0
 122 15.1 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.78 min Scan# 3692
 Delta R.T. -0.04 min
 Lab File: BG026673.D
 Acq: 20 Apr 2017 2:49

Tgt Ion:264 Resp: 1131119
 Ion Ratio Lower Upper
 264 100
 260 24.0 21.8 32.8
 265 21.1 18.2 27.4

