

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026675.D
 Acq On : 20 Apr 2017 4:08
 Operator : SJ/MA
 Sample : I2752-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15-50-COMP

Quant Time: Apr 20 07:18:35 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	169431	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	728351	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	445145	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1178679	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1255889	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1162095	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1421892	152.56	ng	0.00
7) Phenol-d6	7.22	99	1776897	145.49	ng	0.01
23) Nitrobenzene-d5	9.19	82	1029007	98.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	944392	152.26	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2775154	92.85	ng	-0.02
78) Terphenyl-d14	19.97	244	3840107	90.27	ng	-0.02

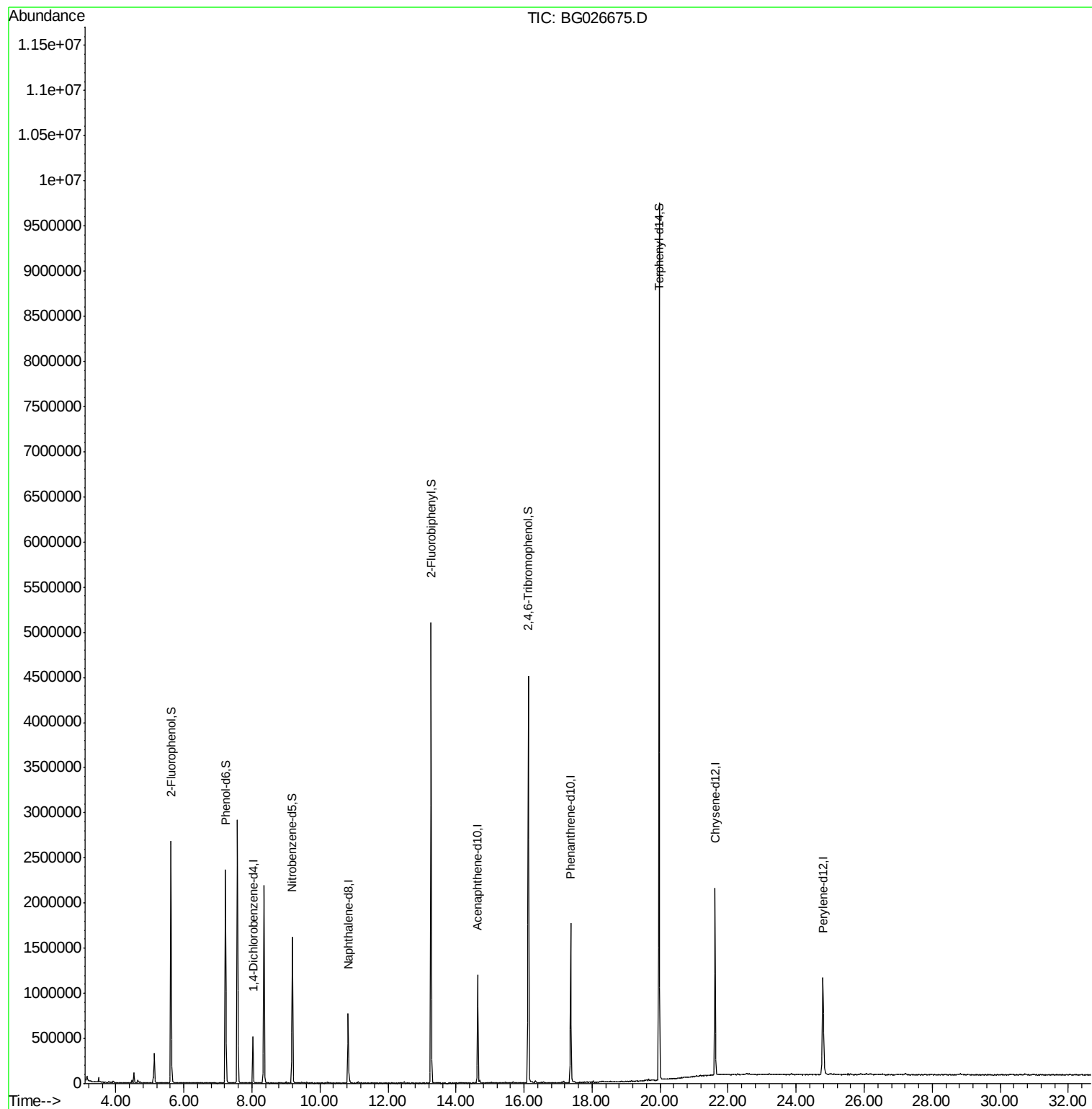
Target Compounds Qvalue

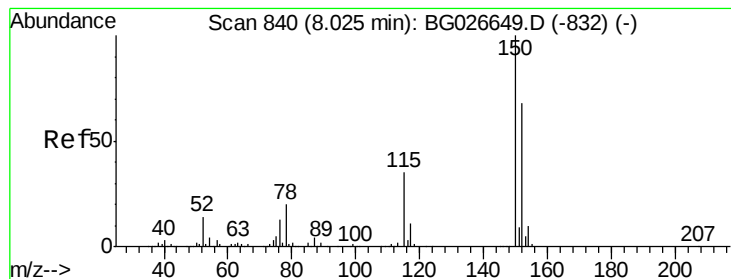
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG026675.D

Acq: 20 Apr 2017 4:08

Instrument :

BNA_G

ClientSampleId :

15-50-COMP

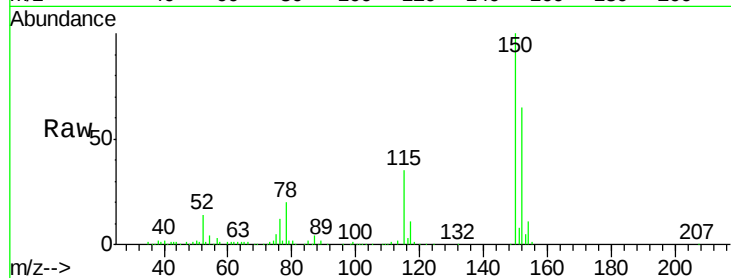
Tot Ion:152 Resp: 169431

Ion Ratio Lower Upper

152 100

150 154.3 114.0 171.0

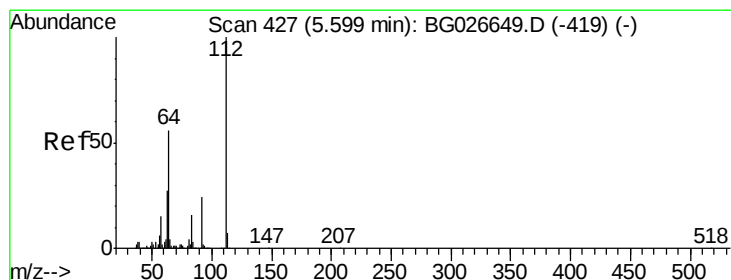
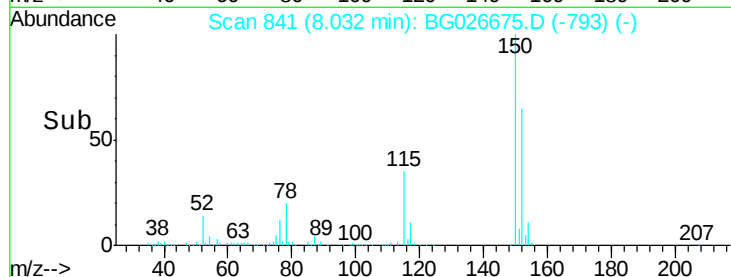
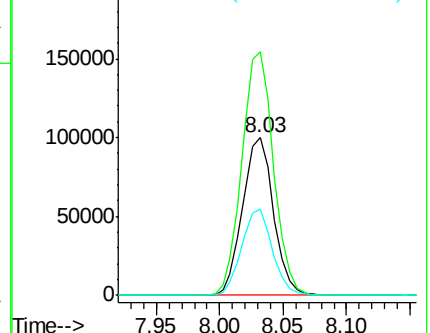
115 54.4 48.1 72.1



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: 152.56 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG026675.D

Acq: 20 Apr 2017 4:08

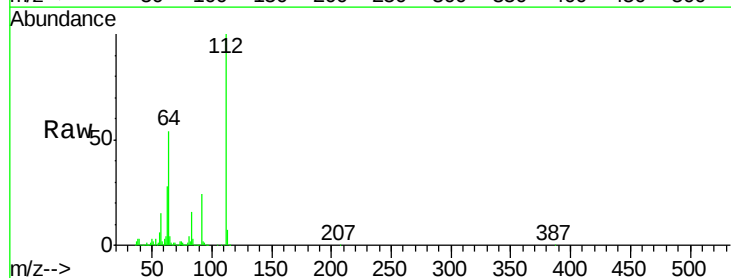
Tgt Ion:112 Resp: 1421892

Ion Ratio Lower Upper

112 100

64 53.7 61.8 92.6#

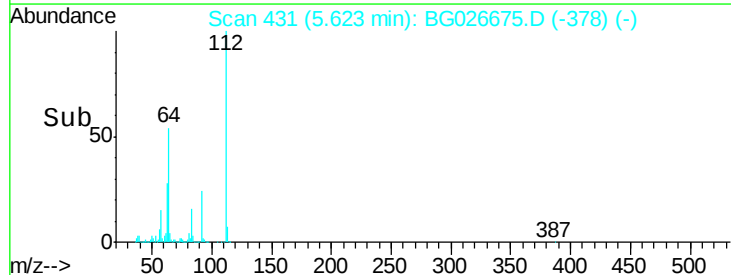
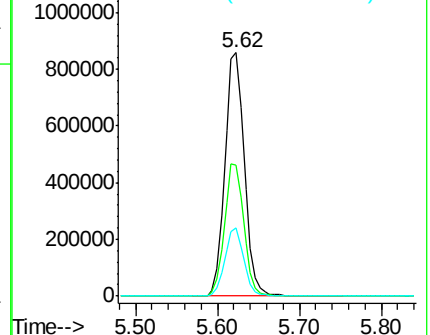
63 27.9 37.2 55.8#

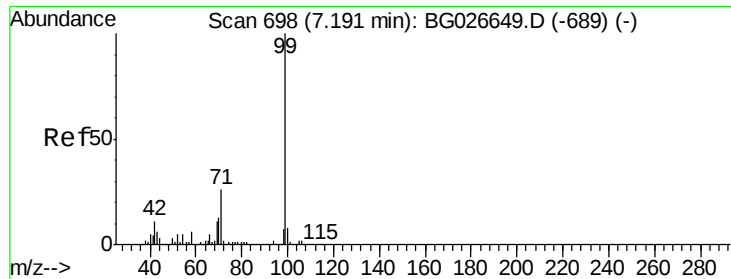


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 145.49 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026675.D

Acq: 20 Apr 2017 4:08

Instrument :

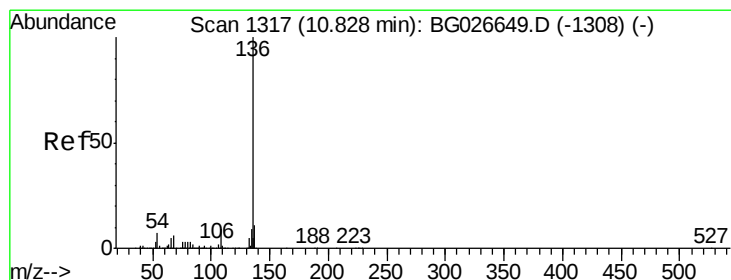
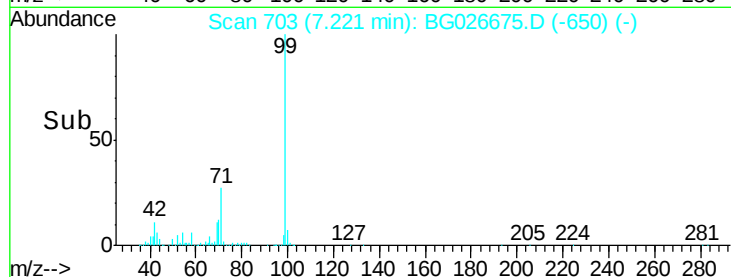
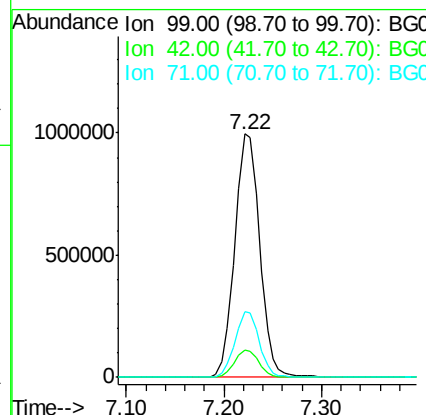
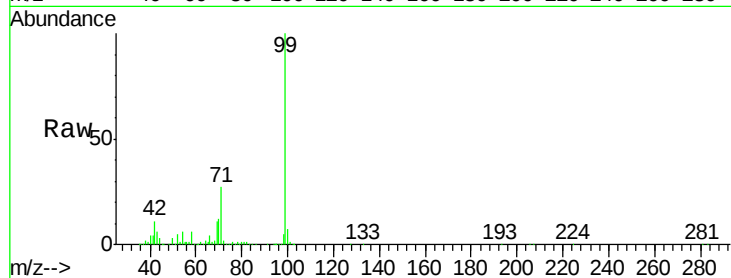
BNA_G

ClientSampleId :

15-50-COMP

Tot Ion: 99 Resp: 1776897

Ion	Ratio	Lower	Upper
99	100		
42	11.0	20.5	30.7#
71	26.9	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1317

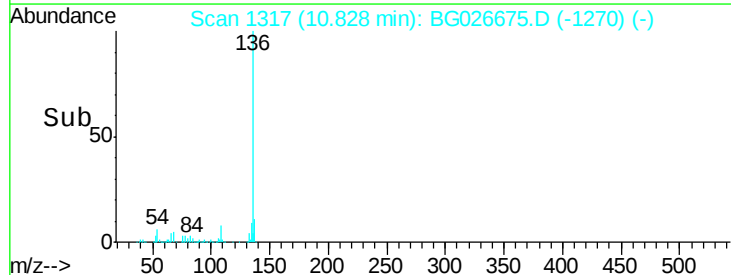
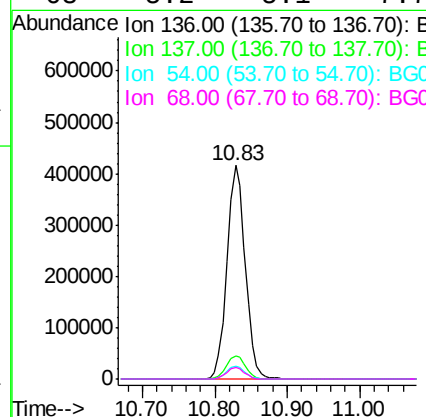
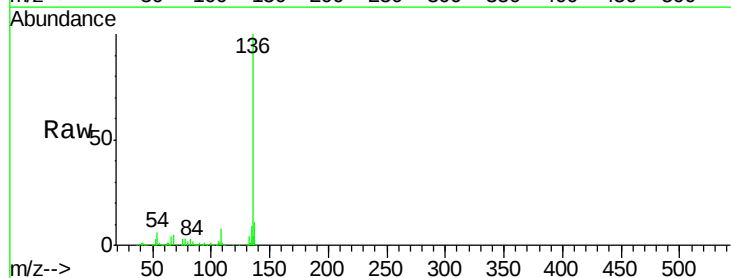
Delta R.T. -0.02 min

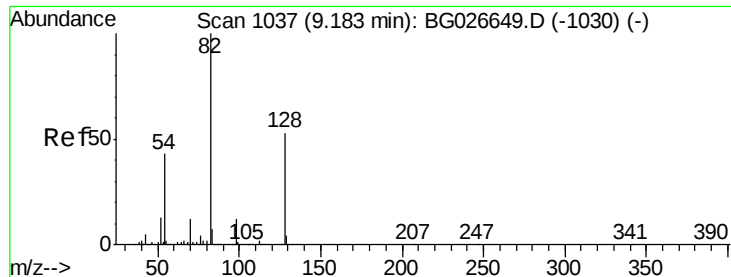
Lab File: BG026675.D

Acq: 20 Apr 2017 4:08

Tgt Ion: 136 Resp: 728351

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	9.3	13.9#
68	5.2	5.1	7.7

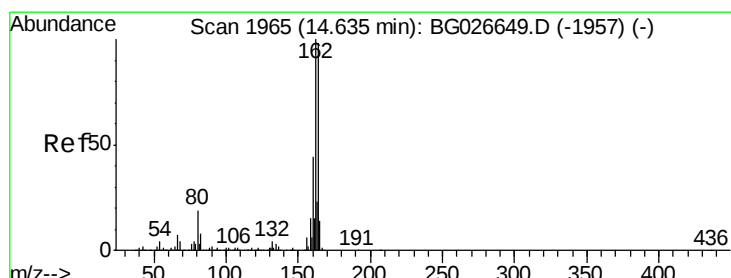
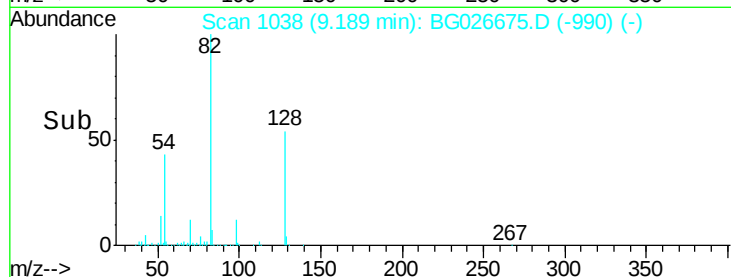
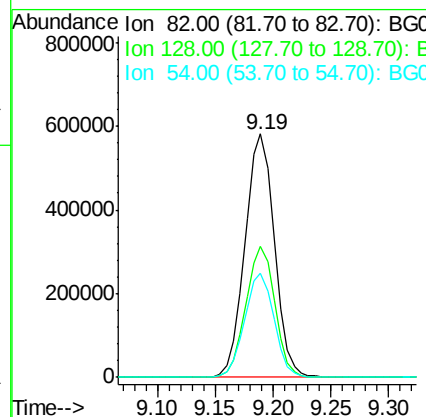
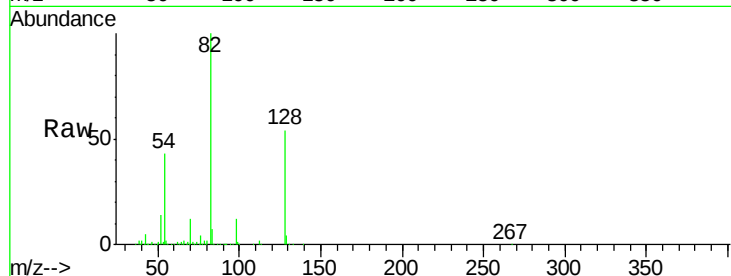




#23
Nitrobenzene-d5
Concen: 98.58 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG026675.D
Acq: 20 Apr 2017 4:08

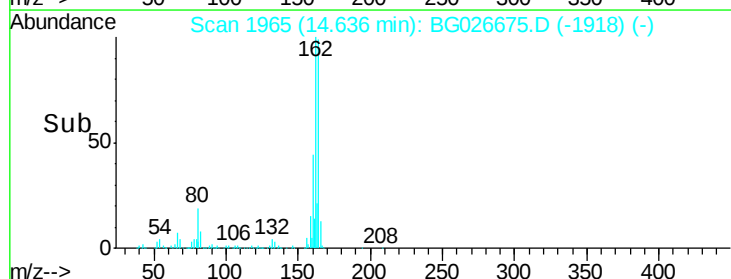
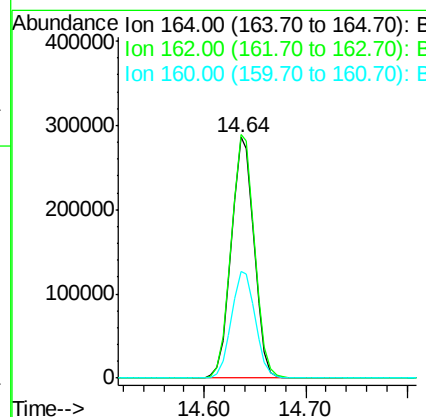
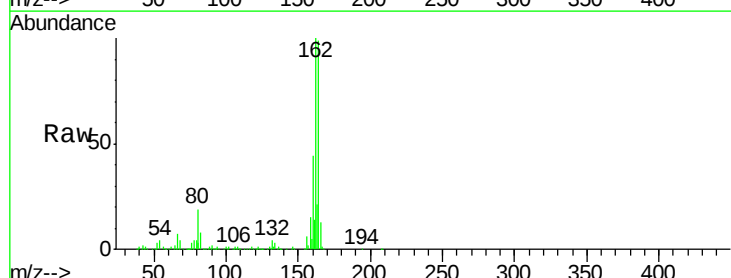
Instrument :
BNA_G
ClientSampleId :
15-50-COMP

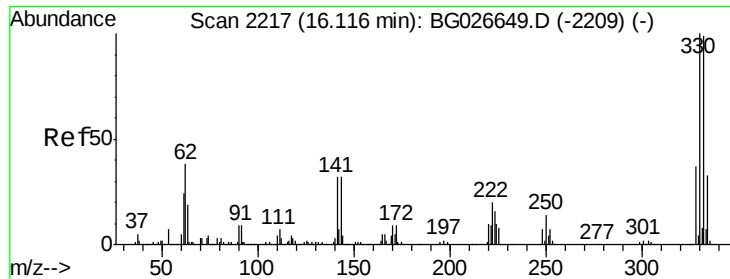
Tot Ion: 82 Resp: 1029007
Ion Ratio Lower Upper
82 100
128 53.9 26.4 39.6#
54 42.9 49.4 74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG026675.D
Acq: 20 Apr 2017 4:08

Tgt Ion:164 Resp: 445145
Ion Ratio Lower Upper
164 100
162 101.0 85.1 127.7
160 44.4 34.7 52.1

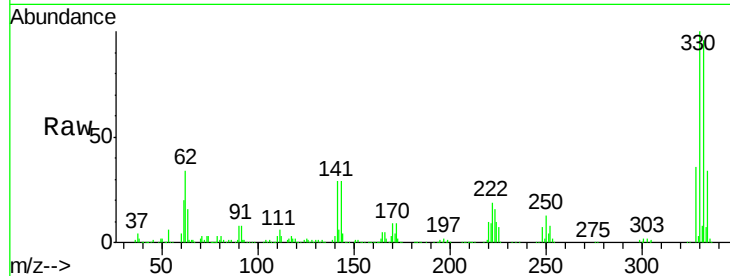




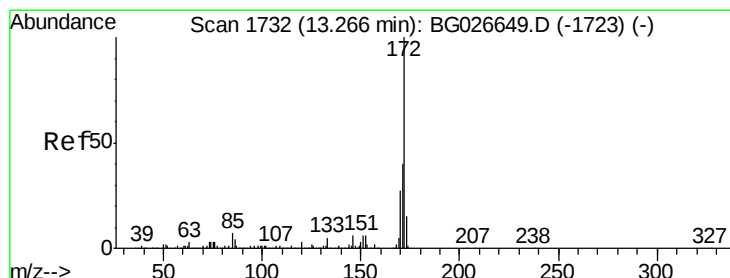
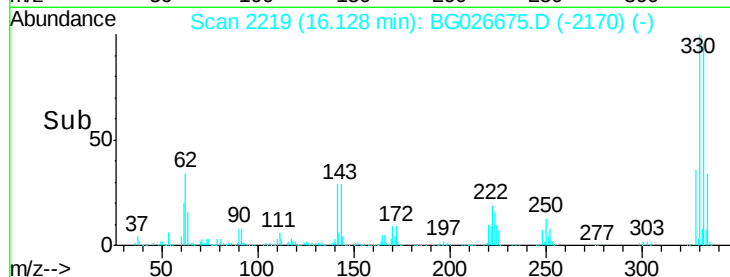
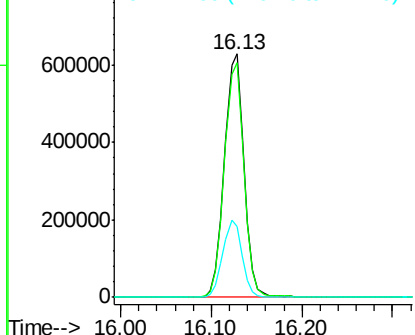
#41
 2,4,6-Tribromophenol
 Concen: 152.26 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026675.D
 Acq: 20 Apr 2017 4:08

Instrument :
 BNA_G
 ClientSampleId :
 15-50-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	31.4	32.1	48.1#

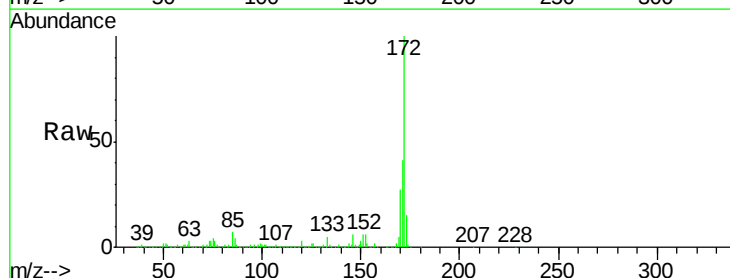


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

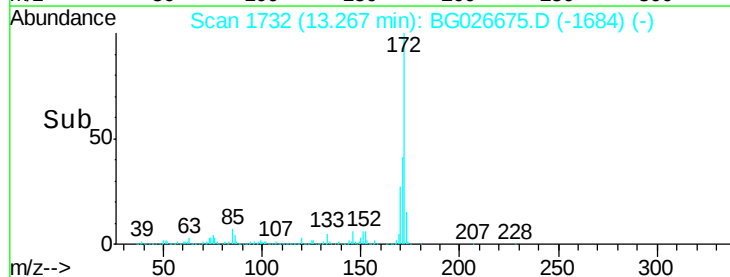
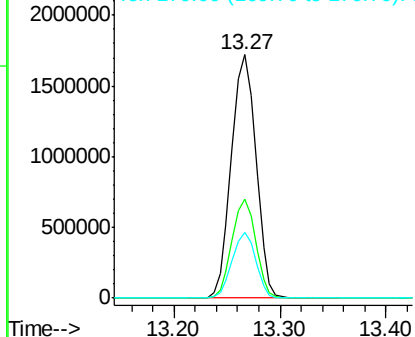


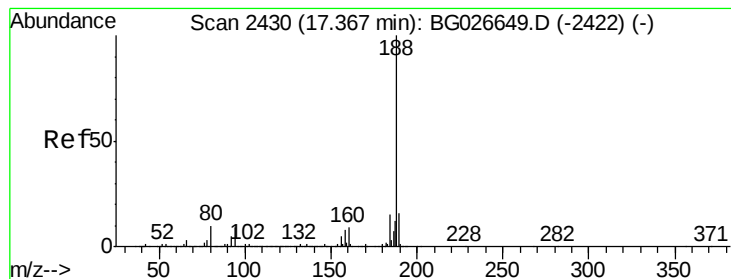
#44
 2-Fluorobiphenyl
 Concen: 92.85 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026675.D
 Acq: 20 Apr 2017 4:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.7	32.2	48.2
170	27.1	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: BG026675.D

Acq: 20 Apr 2017 4:08

Instrument :

BNA_G

ClientSampleId :

15-50-COMP

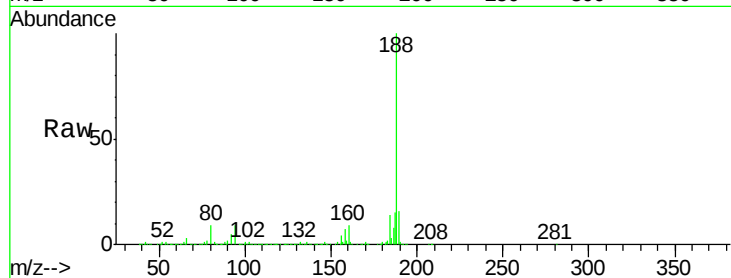
Tot Ion:188 Resp: 1178679

Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.8

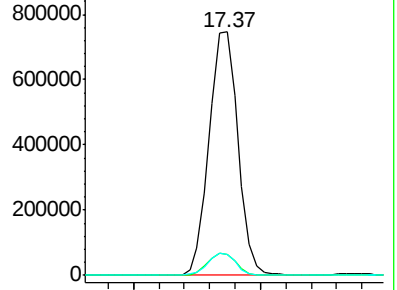
80 8.6 7.5 11.3



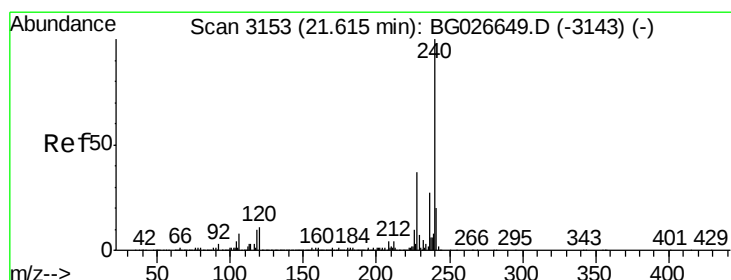
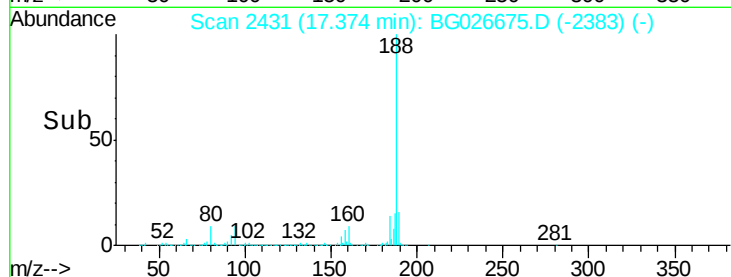
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG026675.D

Acq: 20 Apr 2017 4:08

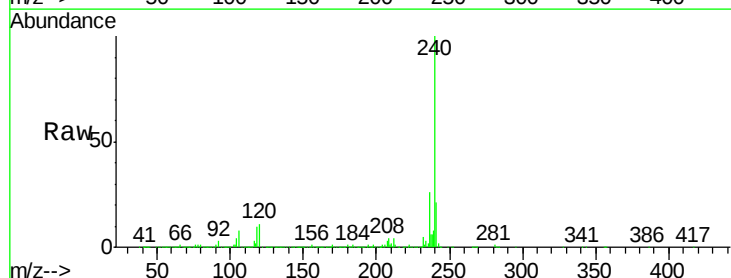
Tgt Ion:240 Resp: 1255889

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

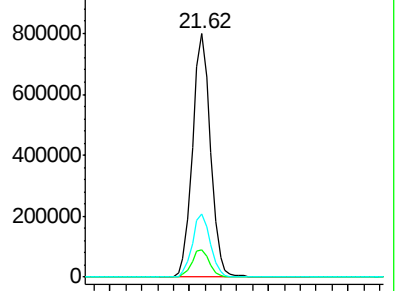
236 26.2 22.2 33.4



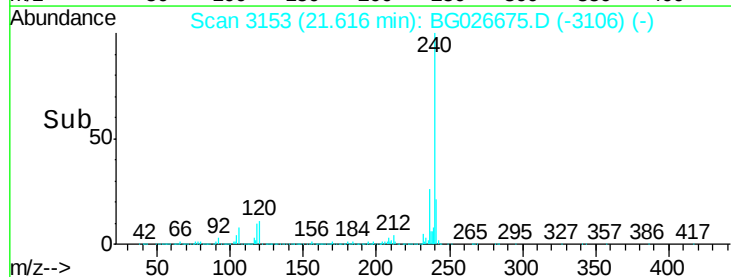
Abundance Ion 240.00 (239.70 to 240.70): E

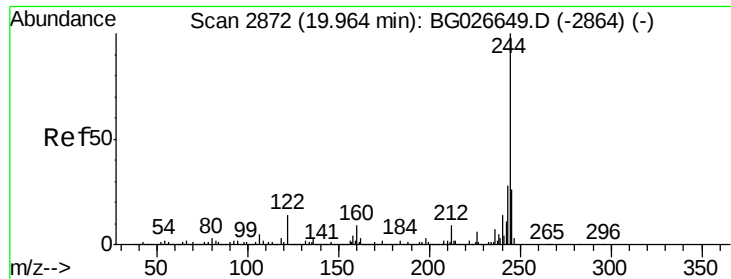
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 90.27 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026675.D

Acq: 20 Apr 2017 4:08

Instrument :

BNA_G

ClientSampleId :

15-50-COMP

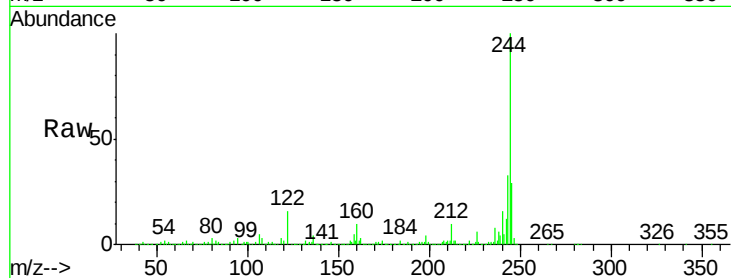
Tot Ion:244 Resp: 3840107

Ion Ratio Lower Upper

244 100

212 10.5 10.0 15.0

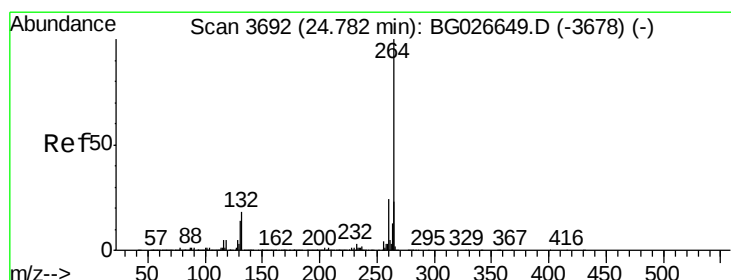
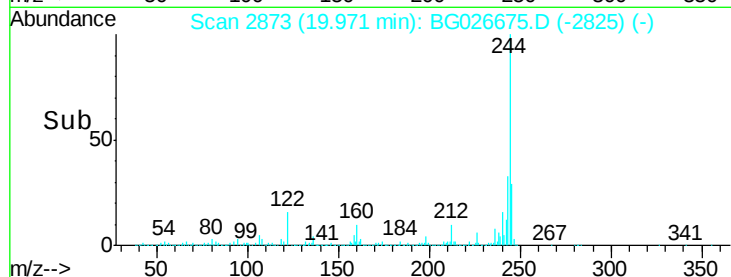
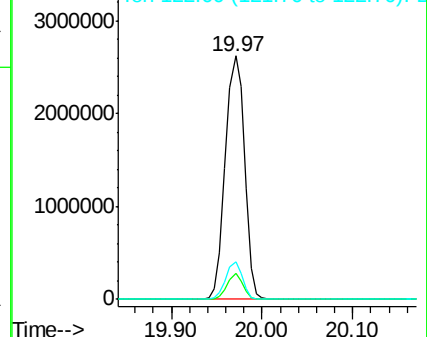
122 15.5 8.6 12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.03 min

Lab File: BG026675.D

Acq: 20 Apr 2017 4:08

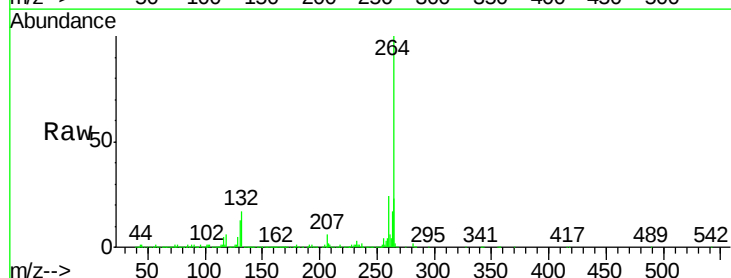
Tgt Ion:264 Resp: 1162095

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 23.1 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

