

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062417\
 Data File : BG027671.D
 Acq On : 24 Jun 2017 22:46
 Operator : SJ/JU
 Sample : I3872-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 26 04:23:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

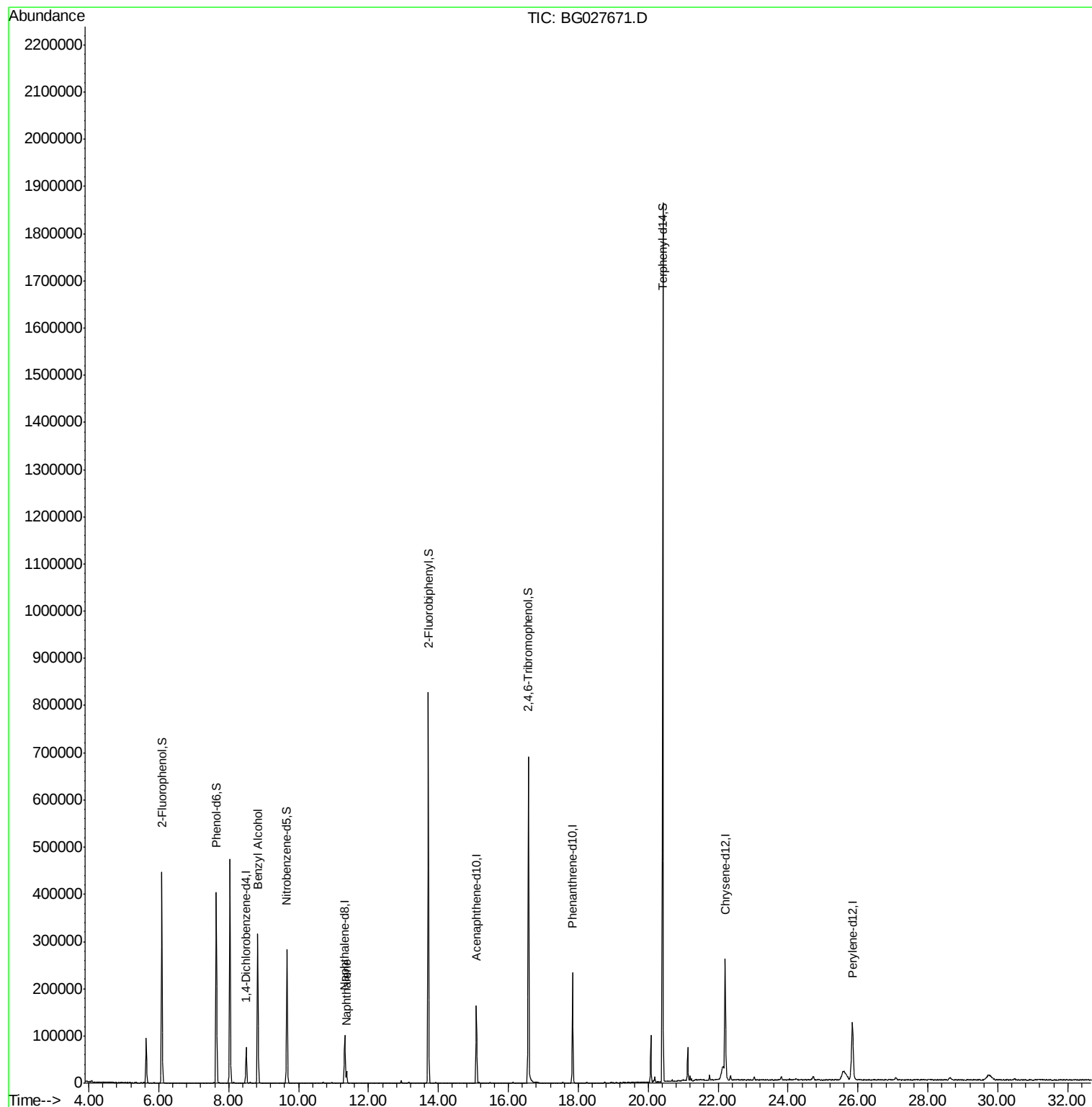
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	19687	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	87979	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	55748	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	146101	20.00	ng	0.00
75) Chrysene-d12	22.20	240	169105	20.00	ng	-0.01
86) Perylene-d12	25.84	264	162180	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	181369	131.12	ng	0.00
7) Phenol-d6	7.65	99	228260	111.47	ng	0.00
23) Nitrobenzene-d5	9.67	82	178152	95.82	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	138304	166.41	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	409617	100.37	ng	0.00
78) Terphenyl-d14	20.42	244	816172	113.71	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.84	79	3511	2.15	ng	# 63
31) Naphthalene	11.37	128	21422	4.50	ng	# 95

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

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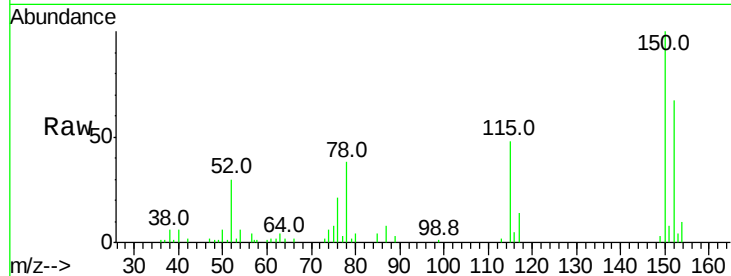


#1

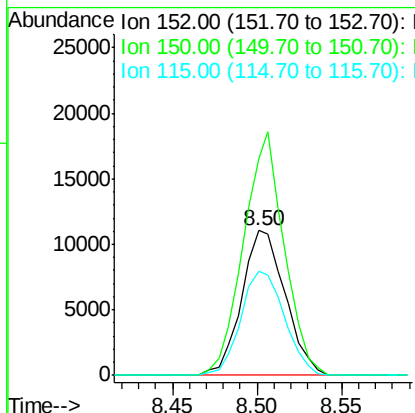
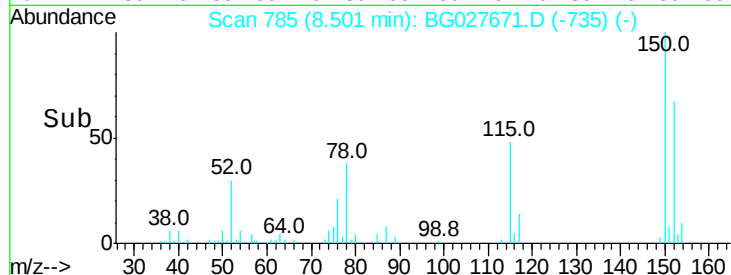
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 19687
Ion Ratio Lower Upper
152 100
150 150.3 114.0 171.0
115 72.0 48.1 72.1



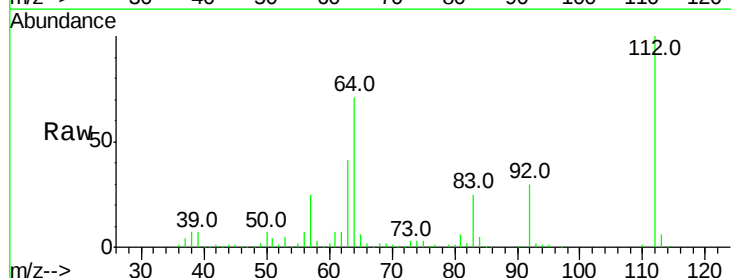
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



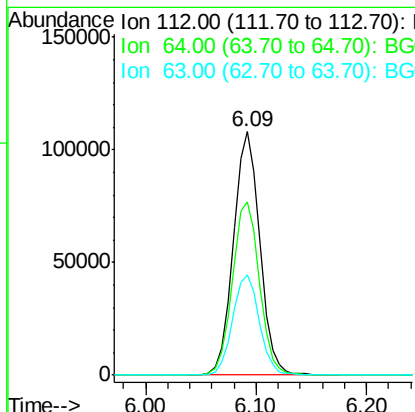
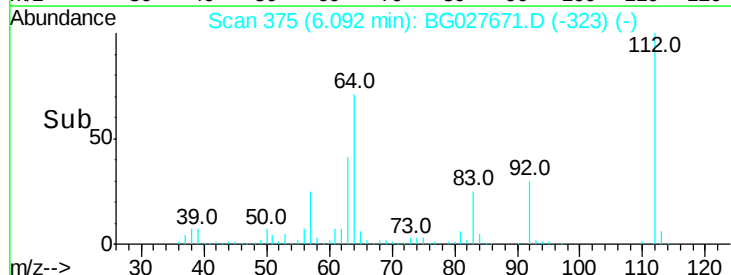
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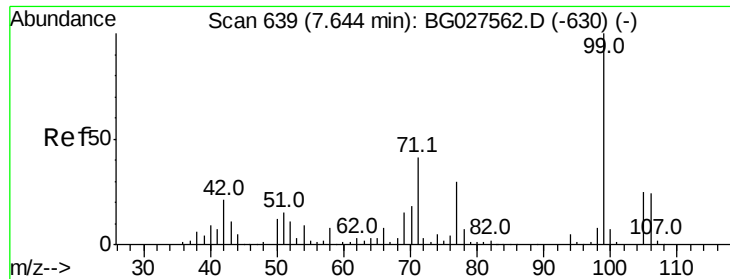
2-Fluorophenol
Concen: 131.12 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.00 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Tgt Ion:112 Resp: 181369
Ion Ratio Lower Upper
112 100
64 70.9 61.8 92.6
63 41.2 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 111.47 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027671.D

Acq: 24 Jun 2017 22:46

Instrument :

BNA_G

ClientSampleId :

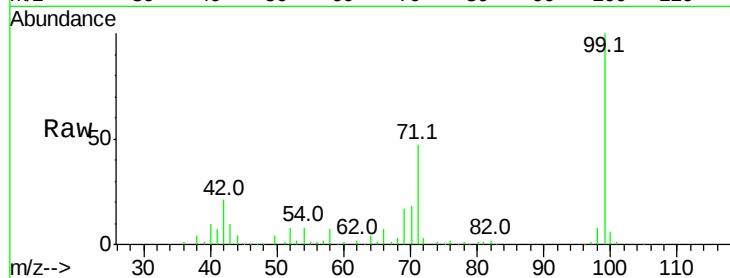
Tot Ion: 99 Resp: 228260

Ion Ratio Lower Upper

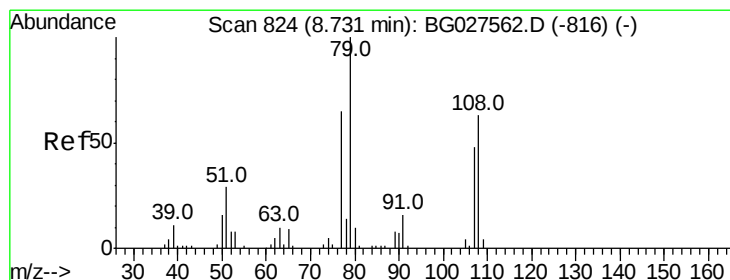
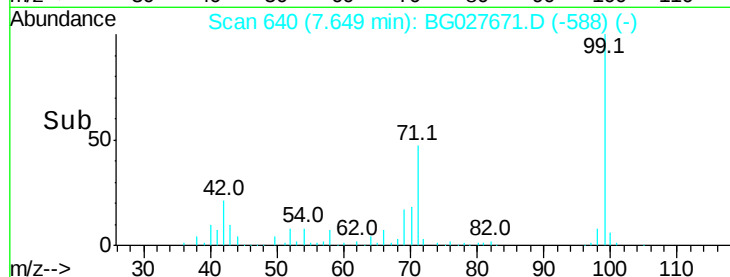
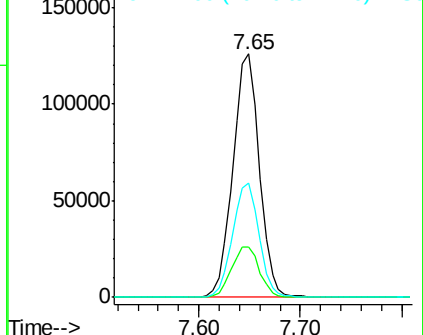
99 100

42 20.6 20.5 30.7

71 47.0 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



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 8.84 min Scan# 842

Delta R.T. 0.10 min

Lab File: BG027671.D

Acq: 24 Jun 2017 22:46

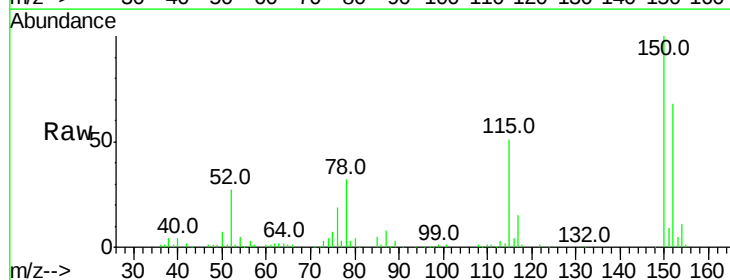
Tgt Ion: 79 Resp: 3511

Ion Ratio Lower Upper

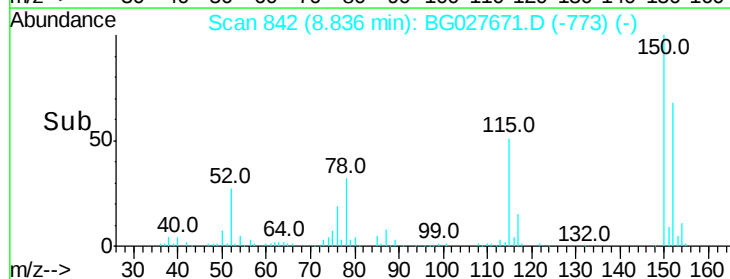
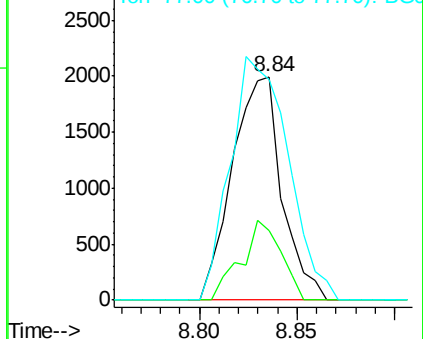
79 100

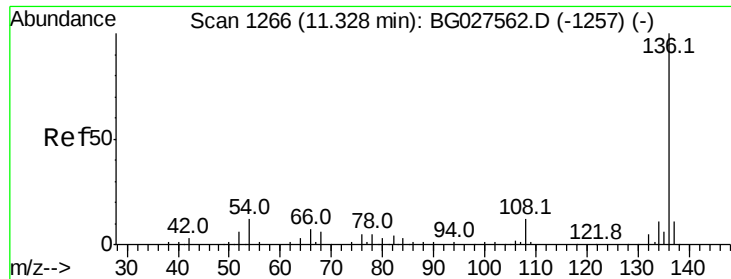
108 31.4 45.5 68.3#

77 99.0 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

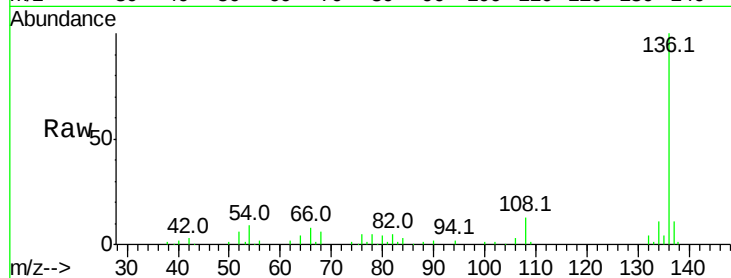




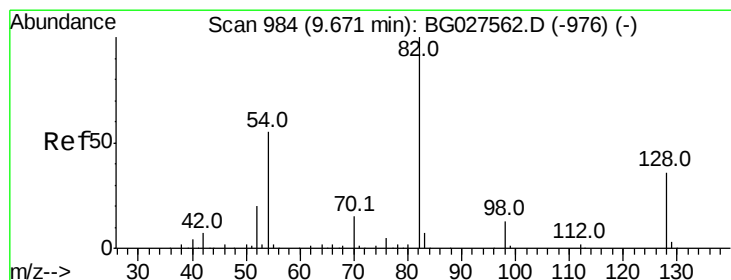
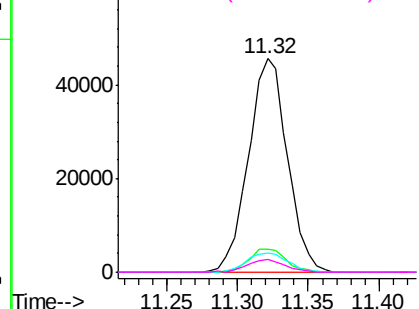
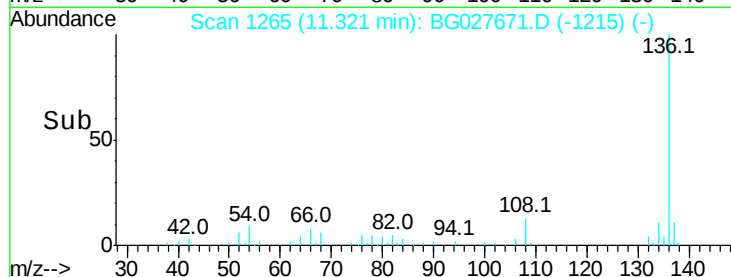
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	87979
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.2	9.3	13.9#
68	5.9	5.1	7.7

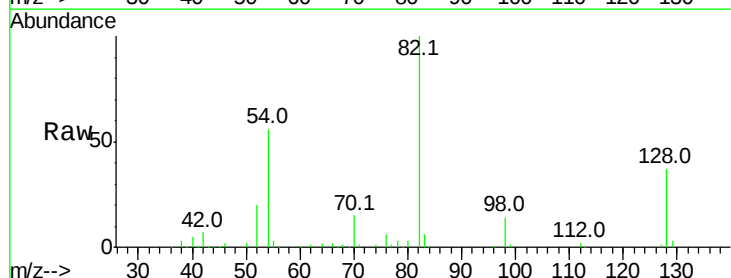


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

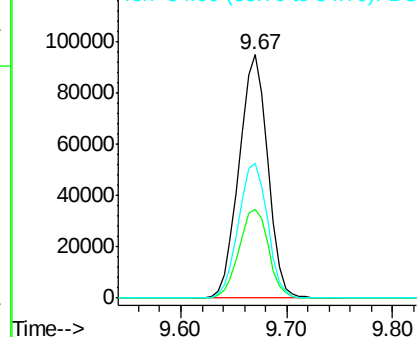
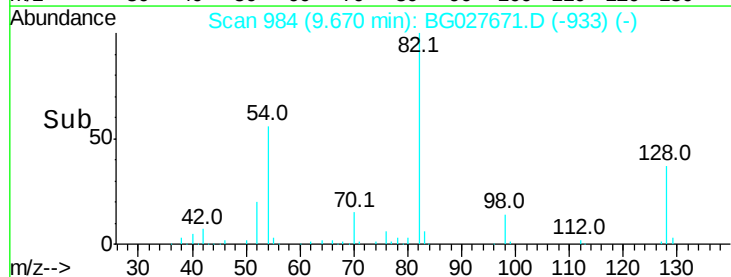


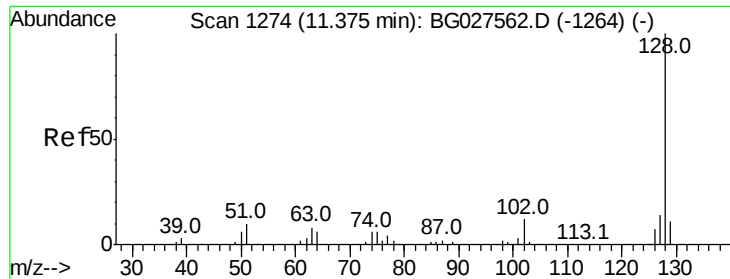
#23
Nitrobenzene-d5
Concen: 95.82 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Tgt Ion:	82	Resp:	178152
Ion	Ratio	Lower	Upper
82	100		
128	36.6	26.4	39.6
54	55.6	49.4	74.2



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

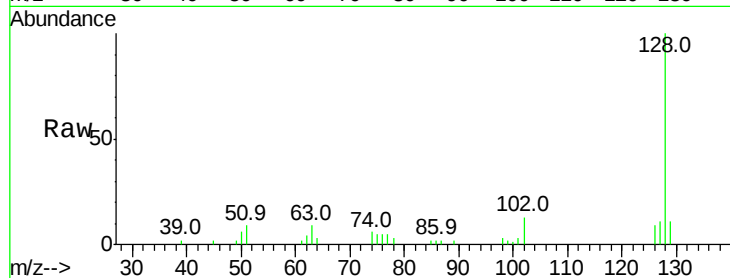




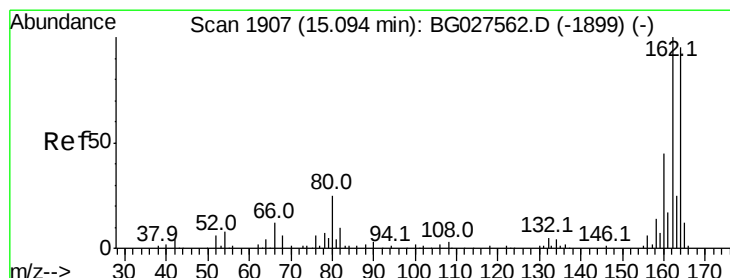
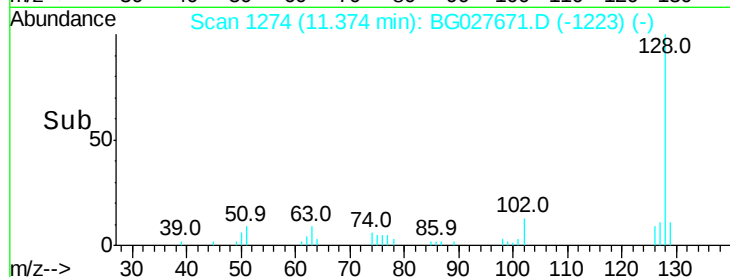
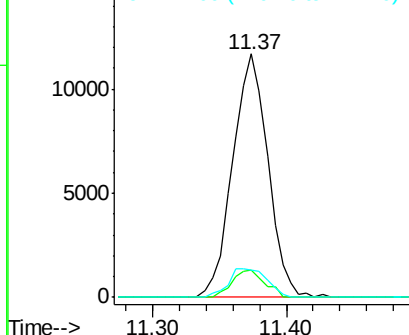
#31
Naphthalene
Concen: 4.50 ng
RT: 11.37 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 21422
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 11.1 11.4 17.0#

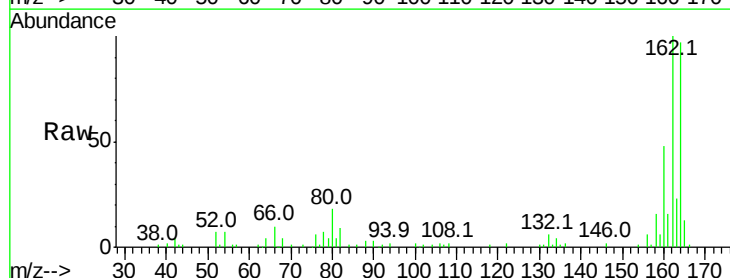


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

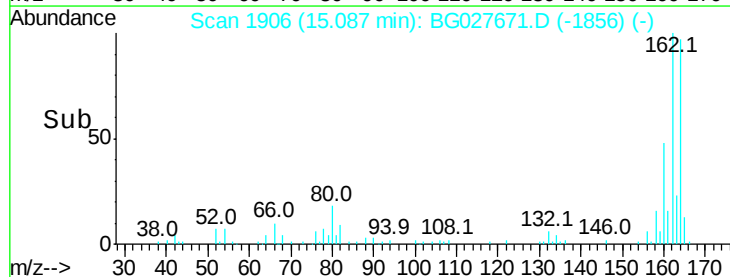
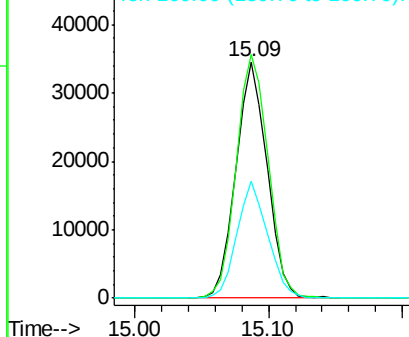


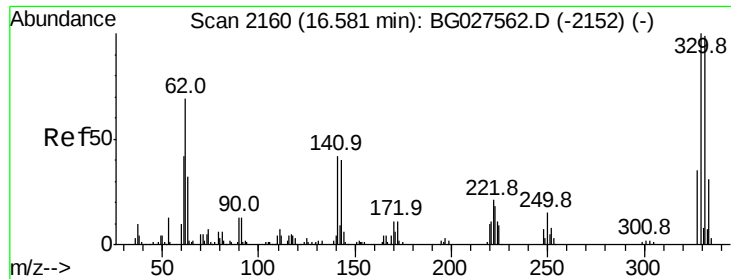
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Tgt Ion:164 Resp: 55748
Ion Ratio Lower Upper
164 100
162 103.0 85.1 127.7
160 49.2 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: 166.41 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027671.D

Acq: 24 Jun 2017 22:46

Instrument :

BNA_G

ClientSampleId :

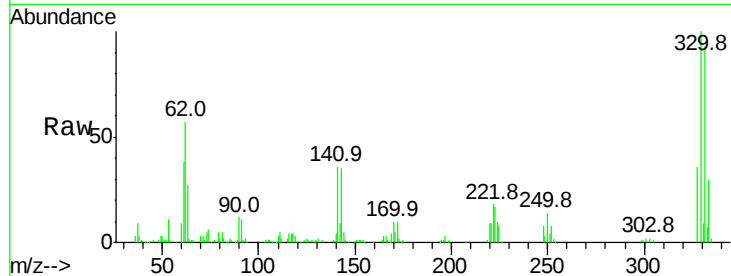
Tot Ion:330 Resp: 138304

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

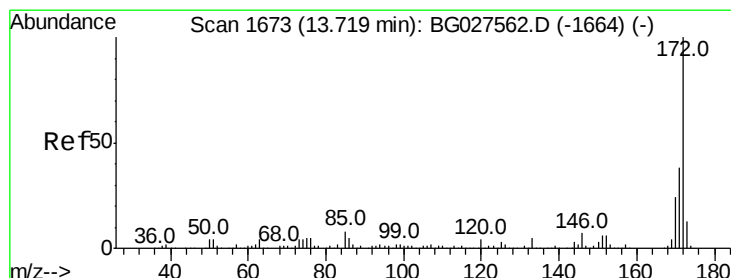
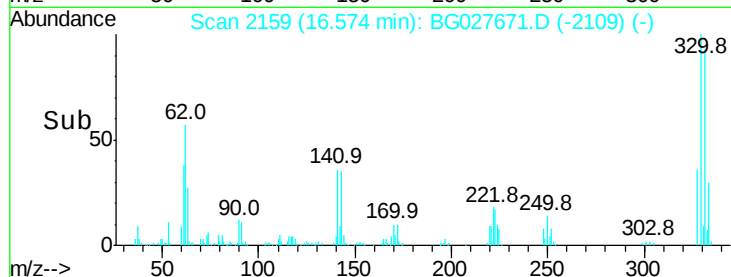
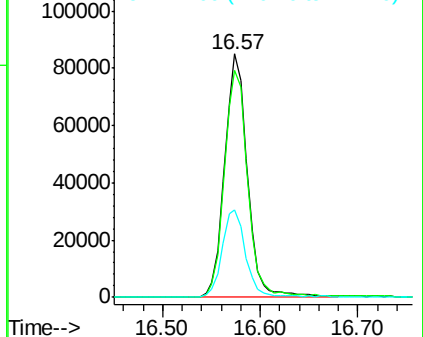
141 36.9 32.1 48.1



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: 100.37 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027671.D

Acq: 24 Jun 2017 22:46

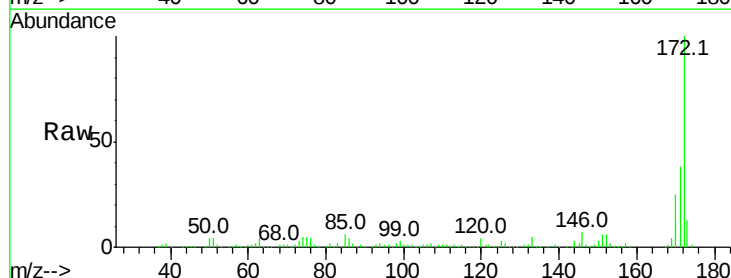
Tgt Ion:172 Resp: 409617

Ion Ratio Lower Upper

172 100

171 37.5 32.2 48.2

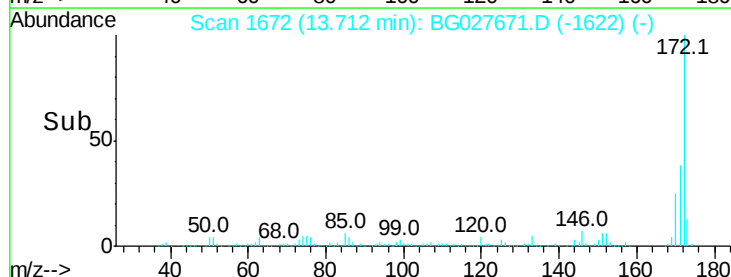
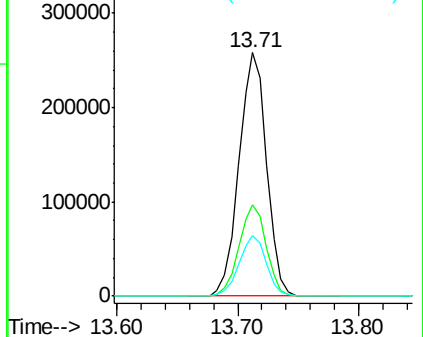
170 25.1 21.8 32.6

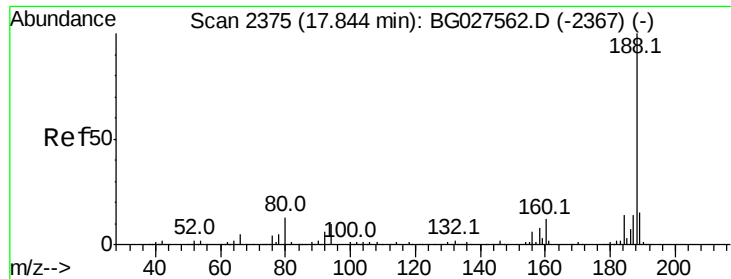


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

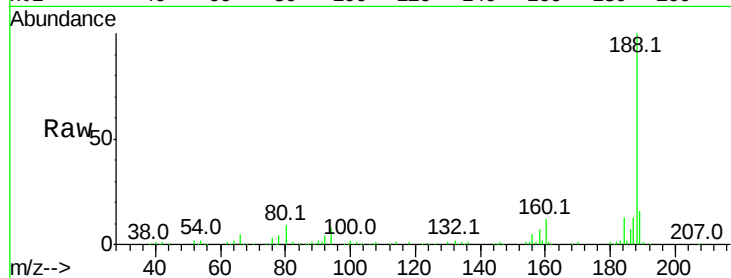




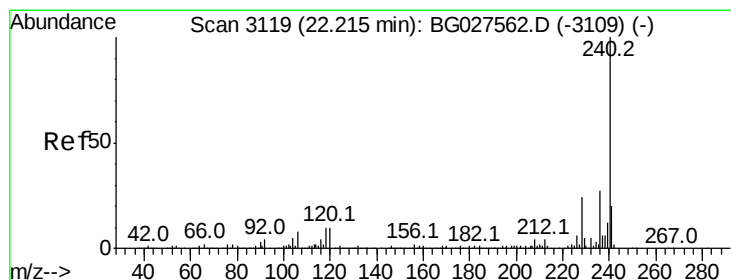
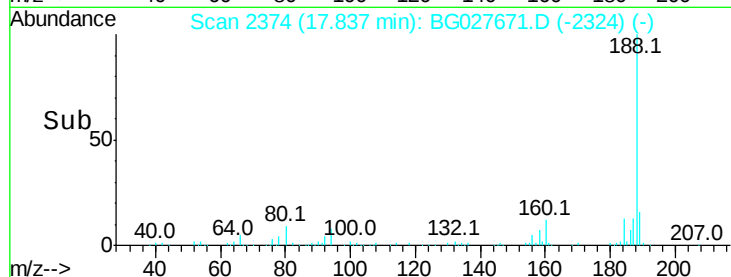
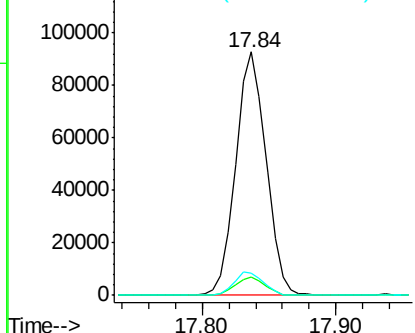
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 146101
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.8
80 9.1 7.5 11.3

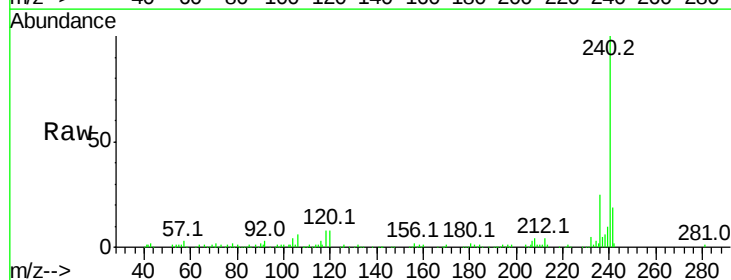


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

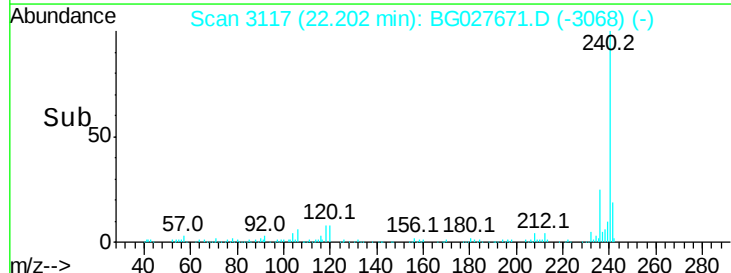
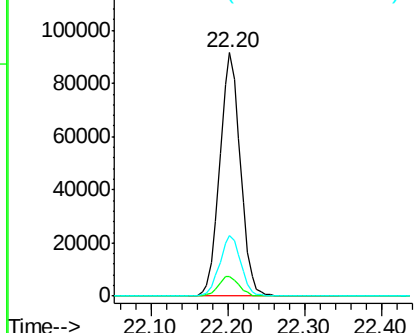


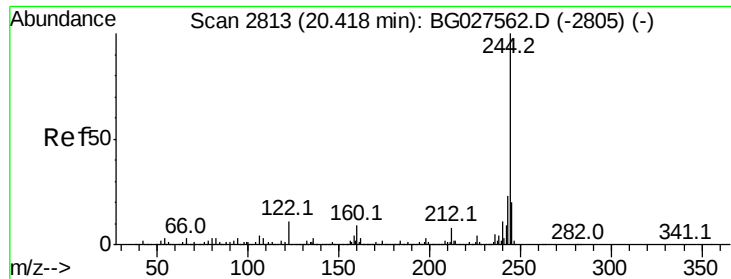
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Tgt Ion:240 Resp: 169105
Ion Ratio Lower Upper
240 100
120 7.9 5.7 8.5
236 25.0 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

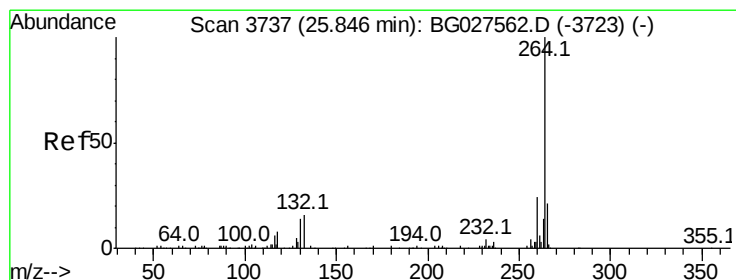
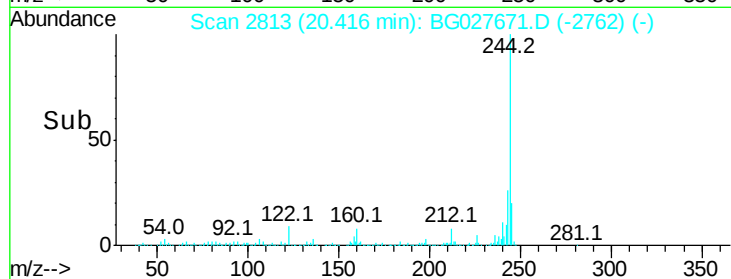
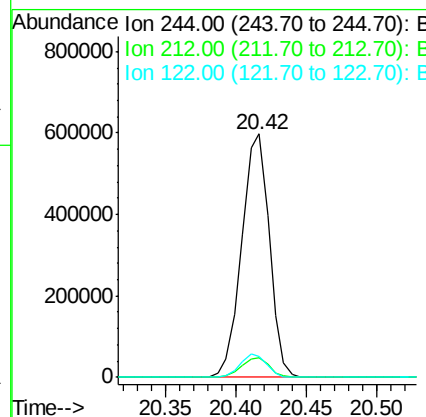
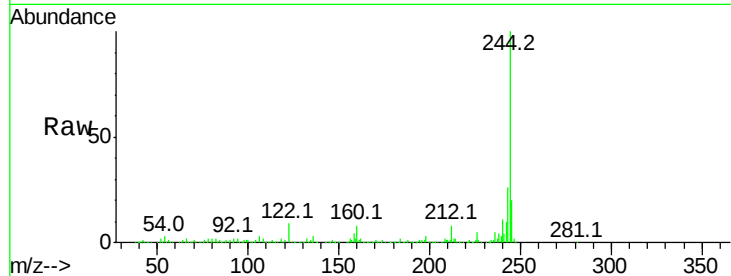




#78
 Terphenyl-d14
 Concen: 113.71 ng
 RT: 20.42 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BG027671.D
 Acq: 24 Jun 2017 22:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	8.8	8.6	12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3736
 Delta R.T. -0.01 min
 Lab File: BG027671.D
 Acq: 24 Jun 2017 22:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	20.1	18.2	27.4

