

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
 Data File : BG027353.D
 Acq On : 9 Jun 2017 18:48
 Operator : SJ/MA
 Sample : I3526-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-060717

Quant Time: Jun 10 04:18:46 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	43935	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	218152	20.00	ng	-0.02
38) Acenaphthene-d10	15.13	164	139770	20.00	ng	-0.02
63) Phenanthrene-d10	17.88	188	339893	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	338892	20.00	ng	-0.04
86) Perylene-d12	25.95	264	317943	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	452466	157.15	ng	-0.01
7) Phenol-d6	7.69	99	598367	141.58	ng	-0.01
23) Nitrobenzene-d5	9.72	82	406434	117.17	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	316935	172.20	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	952199	95.31	ng	-0.03
78) Terphenyl-d14	20.46	244	1472553	110.85	ng	-0.03

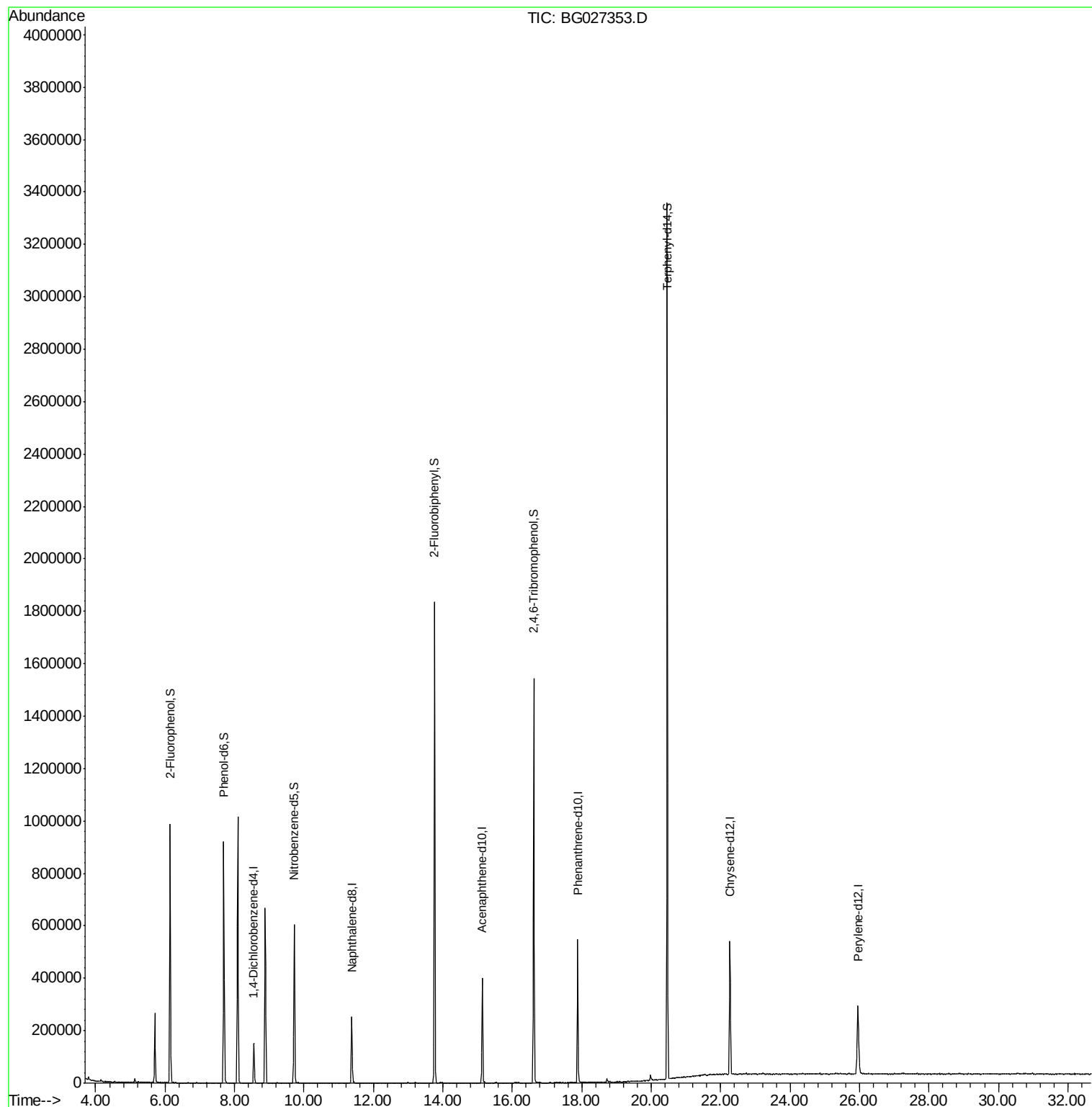
Target Compounds	Qvalue
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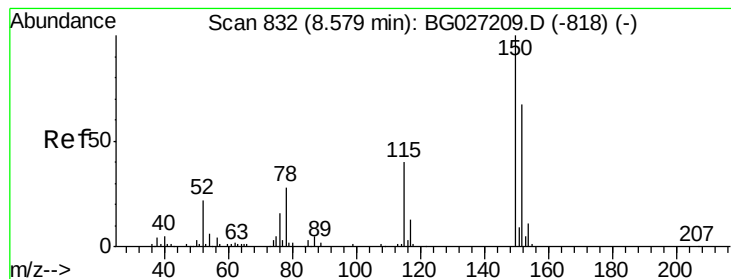
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.55 min Scan# 828

Delta R.T. -0.02 min

Lab File: BG027353.D

Acq: 9 Jun 2017 18:48

Instrument :

BNA_G

ClientSampleId :

BU-01-060717

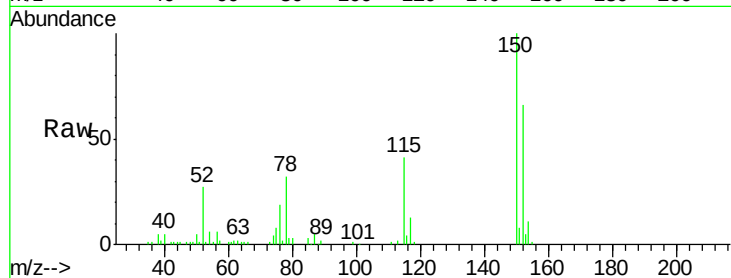
Tgt Ion:152 Resp: 43935

Ion Ratio Lower Upper

152 100

150 152.6 114.0 171.0

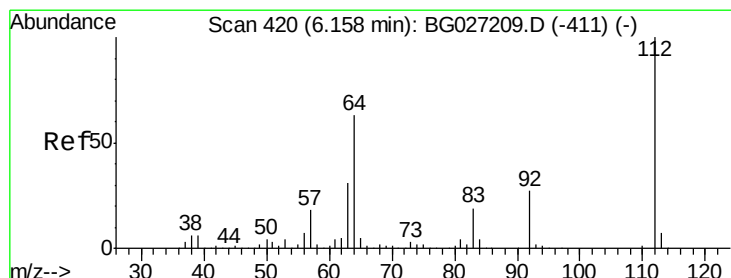
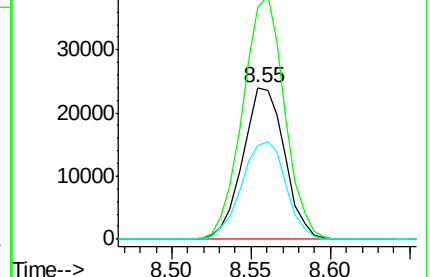
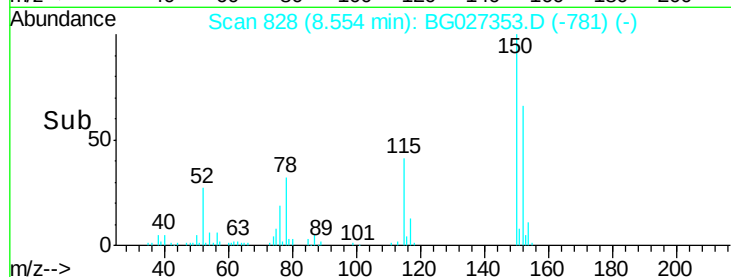
115 61.8 48.1 72.1



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: 157.152 ng

RT: 6.15 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027353.D

Acq: 9 Jun 2017 18:48

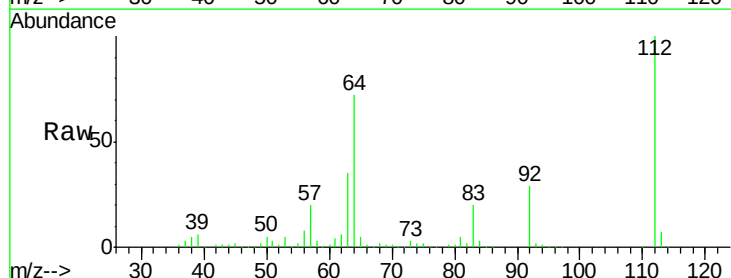
Tgt Ion:112 Resp: 452466

Ion Ratio Lower Upper

112 100

64 71.8 61.8 92.6

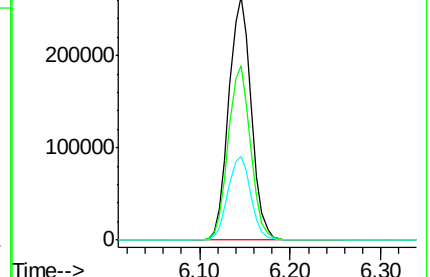
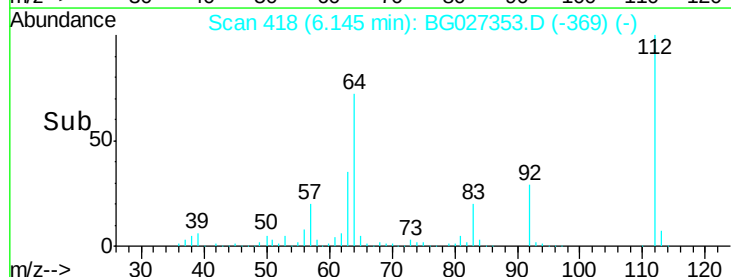
63 34.6 37.2 55.8#

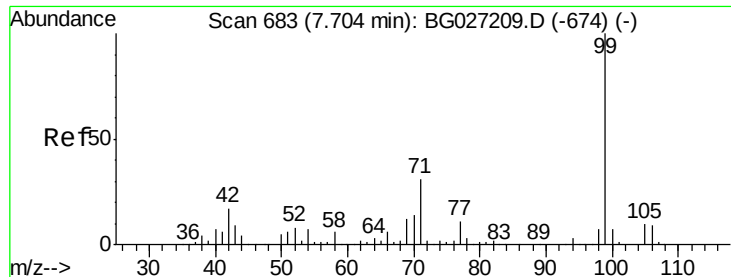


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 141.582 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027353.D

Acq: 9 Jun 2017 18:48

Instrument :

BNA_G

ClientSampleId :

BU-01-060717

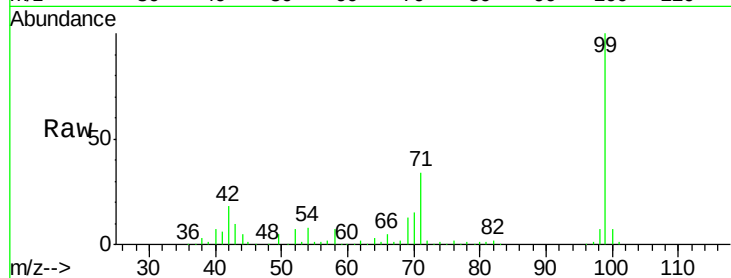
Tgt Ion: 99 Resp: 598367

Ion Ratio Lower Upper

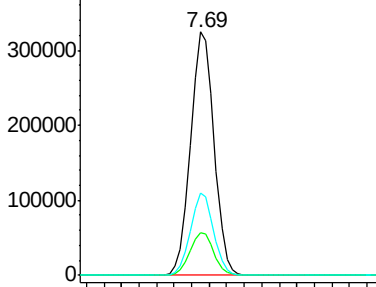
99 100

42 17.5 20.5 30.7#

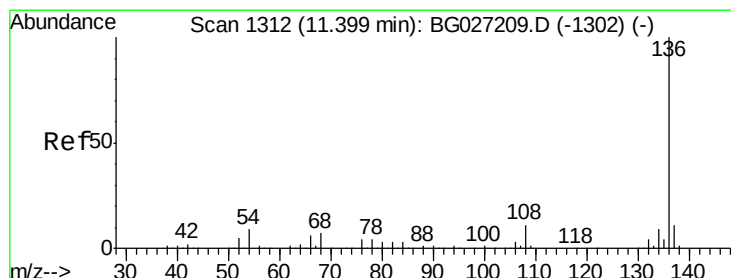
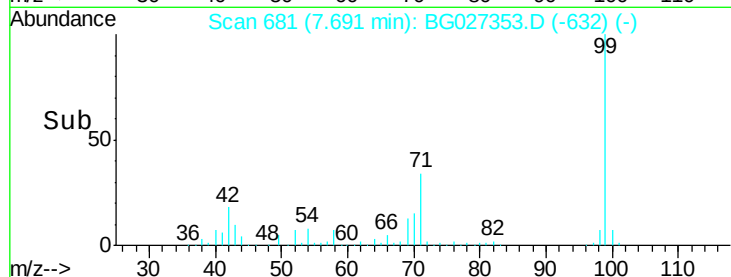
71 33.7 37.6 56.4#



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.37 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BG027353.D

Acq: 9 Jun 2017 18:48

Tgt Ion: 136 Resp: 218152

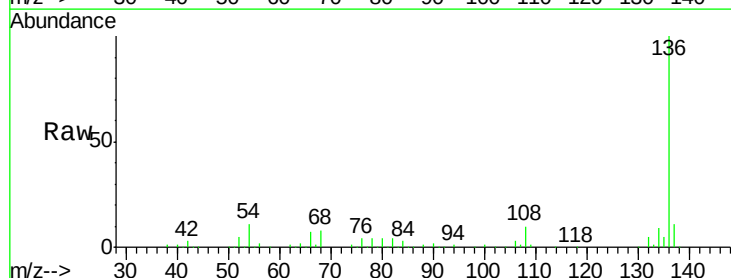
Ion Ratio Lower Upper

136 100

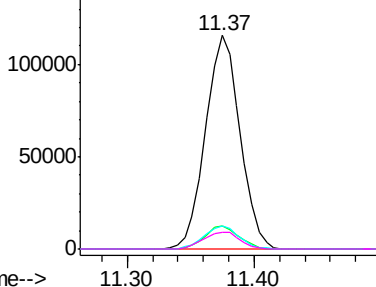
137 11.1 8.9 13.3

54 10.9 9.3 13.9

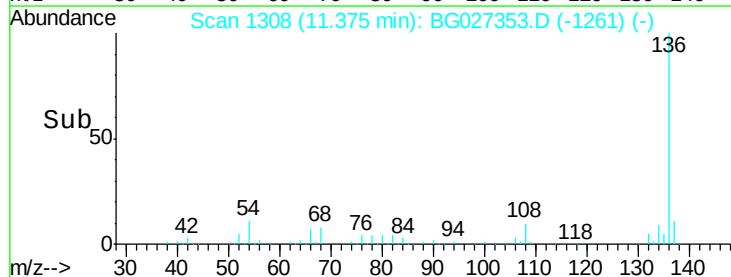
68 8.1 5.1 7.7#

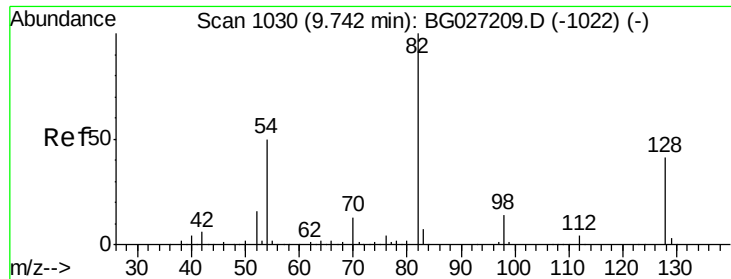


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

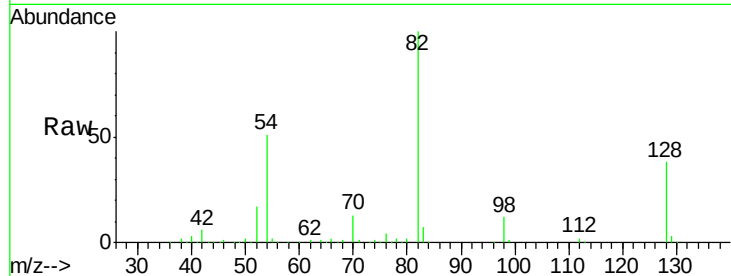




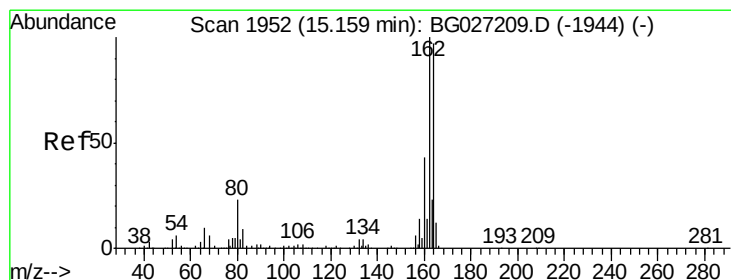
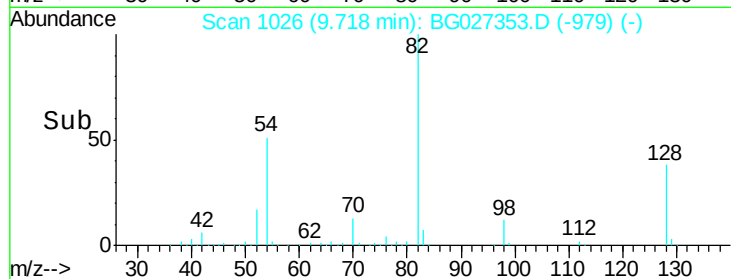
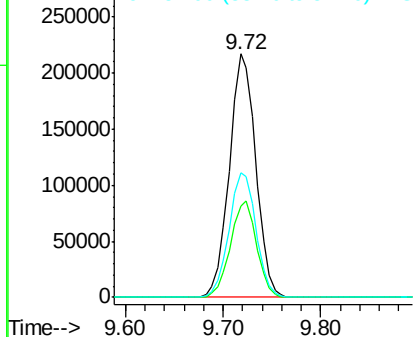
#23
 Nitrobenzene-d5
 Concen: 117.168 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027353.D
 Acq: 9 Jun 2017 18:48

Instrument :
 BNA_G
 ClientSampleID :
 BU-01-060717

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	26.4	39.6
54	51.3	49.4	74.2

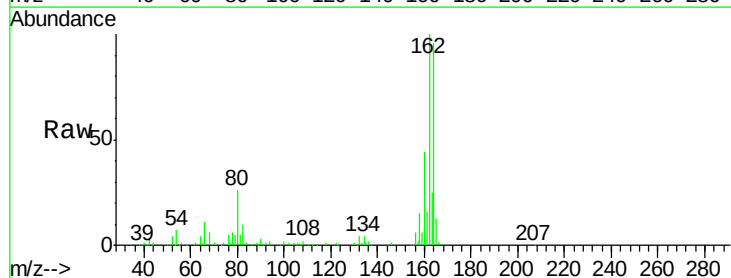


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

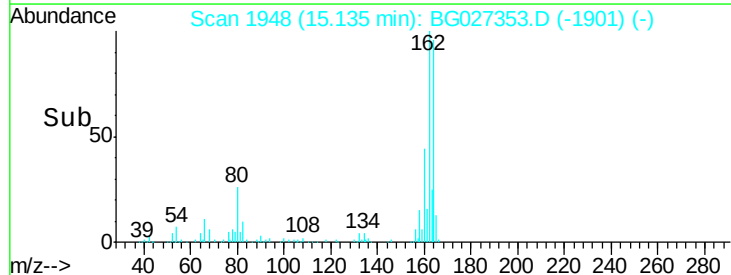
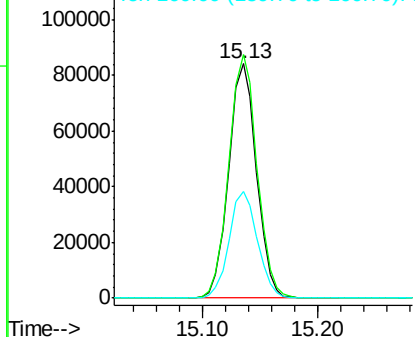


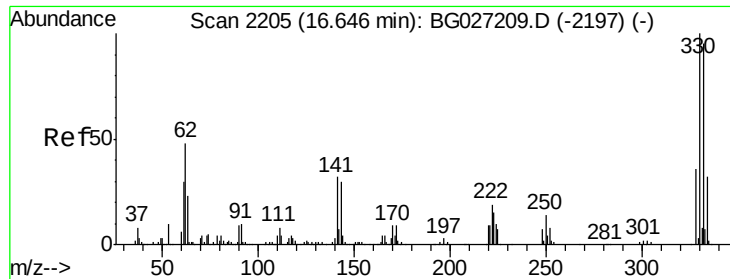
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.13 min Scan# 1948
 Delta R.T. -0.02 min
 Lab File: BG027353.D
 Acq: 9 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.1	127.7
160	45.8	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

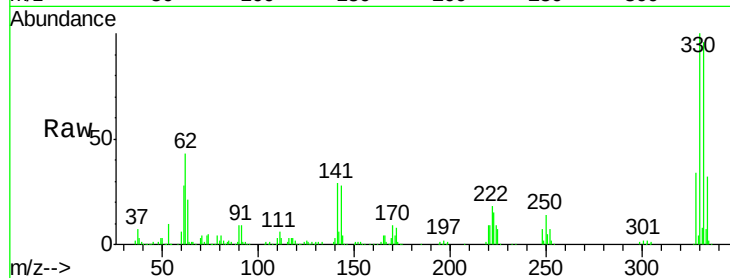




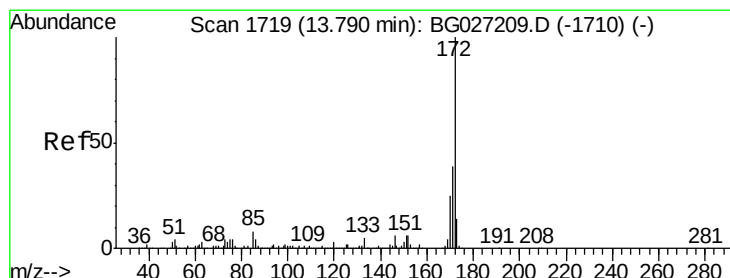
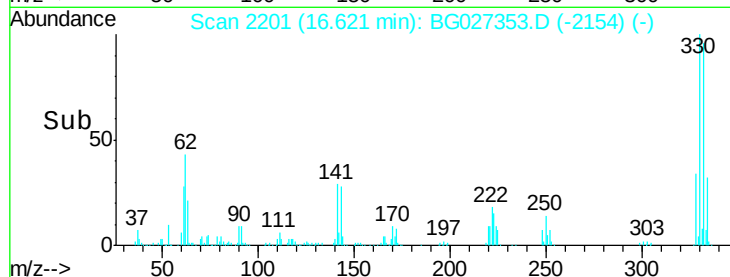
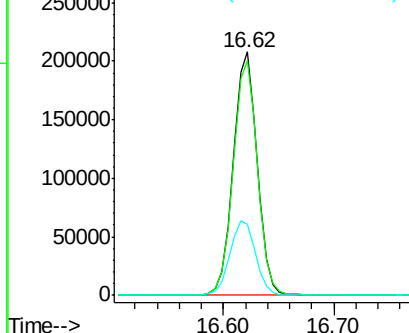
#41
 2,4,6-Tribromophenol
 Concen: 172.198 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG027353.D
 Acq: 9 Jun 2017 18:48

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-060717

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	32.8	32.1	48.1

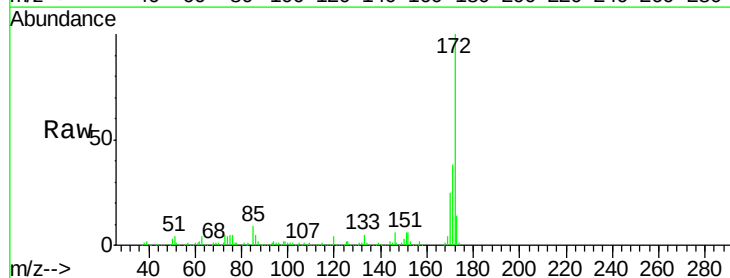


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

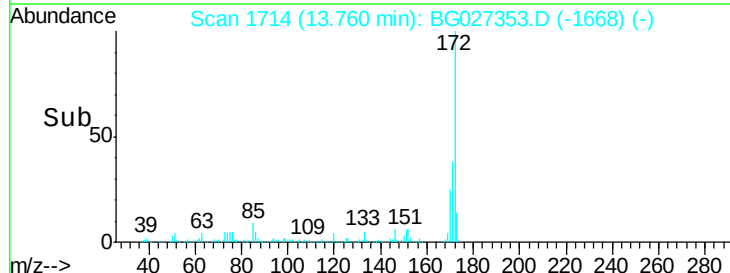
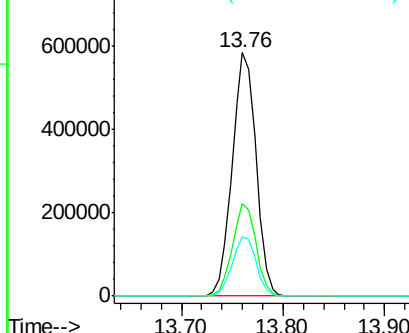


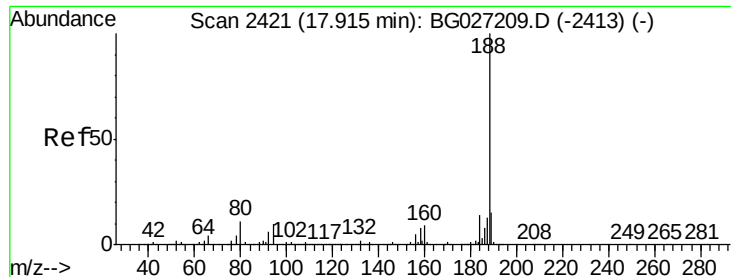
#44
 2-Fluorobiphenyl
 Concen: 95.307 ng
 RT: 13.76 min Scan# 1714
 Delta R.T. -0.03 min
 Lab File: BG027353.D
 Acq: 9 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	24.5	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

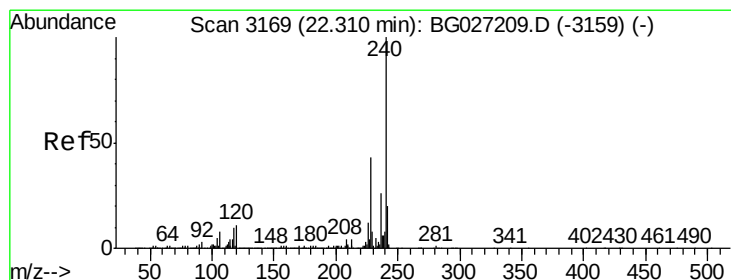
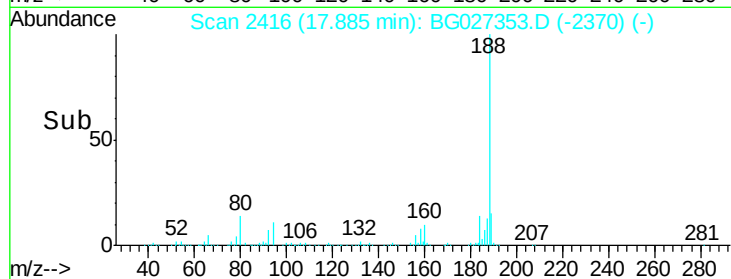
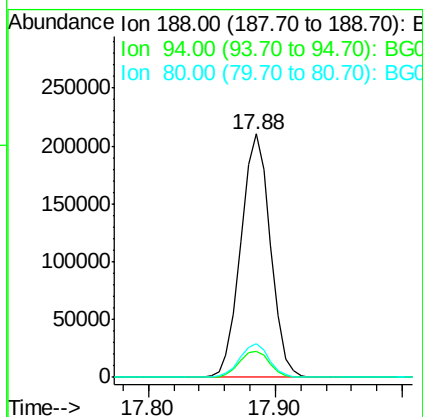
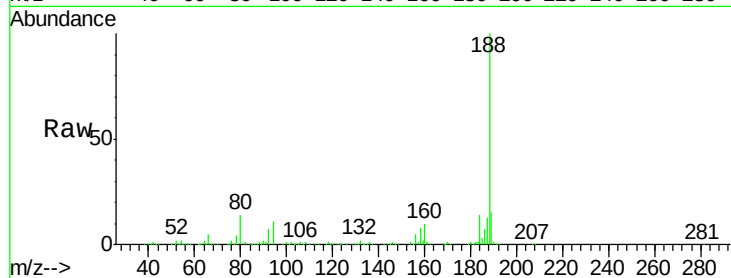




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027353.D
Acq: 9 Jun 2017 18:48

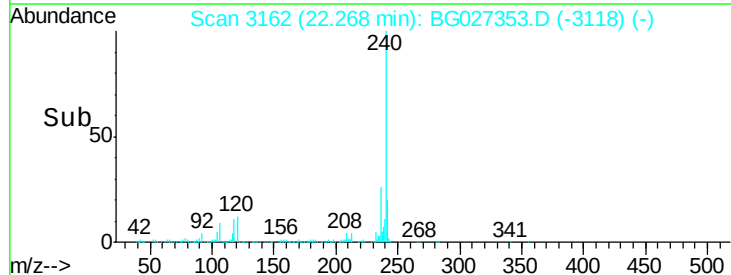
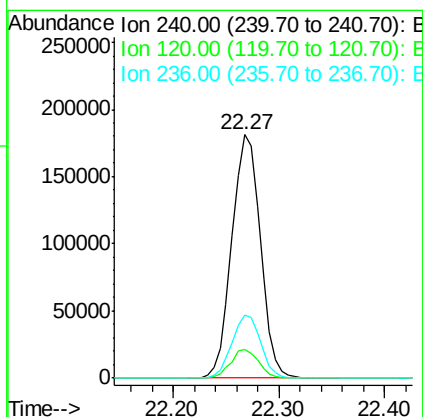
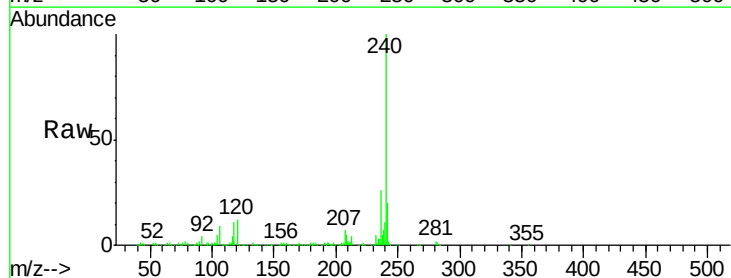
Instrument :
BNA_G
ClientSampleId :
BU-01-060717

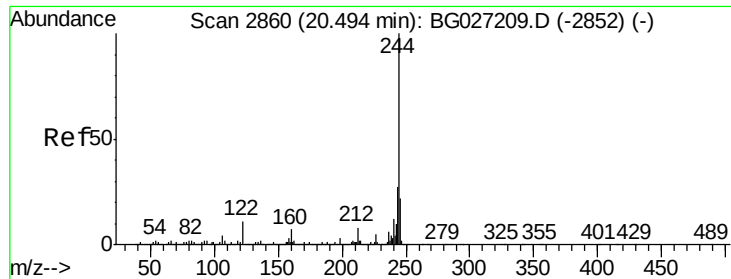
Tgt Ion:188 Resp: 339893
Ion Ratio Lower Upper
188 100
94 10.9 5.8 8.8#
80 13.7 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.04 min
Lab File: BG027353.D
Acq: 9 Jun 2017 18:48

Tgt Ion:240 Resp: 338892
Ion Ratio Lower Upper
240 100
120 11.5 5.7 8.5#
236 26.2 22.2 33.4





#78

Terphenyl-d14

Concen: 110.846 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027353.D

Acq: 9 Jun 2017 18:48

Instrument :

BNA_G

ClientSampleId :

BU-01-060717

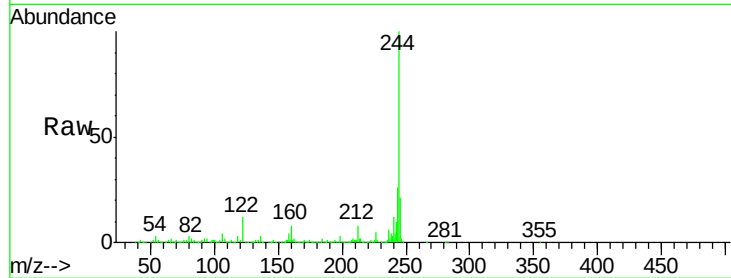
Tgt Ion:244 Resp: 1472553

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

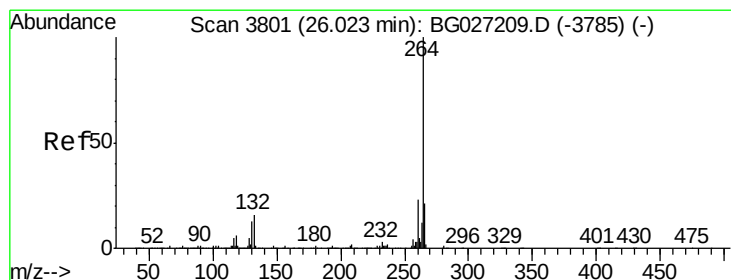
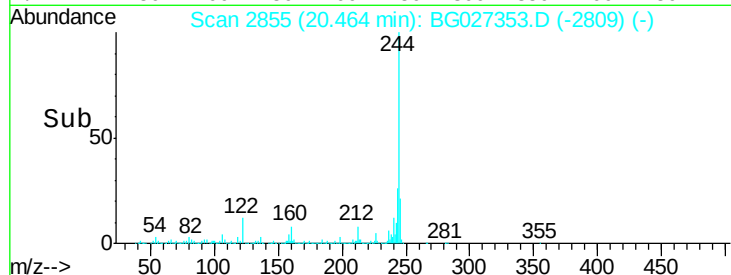
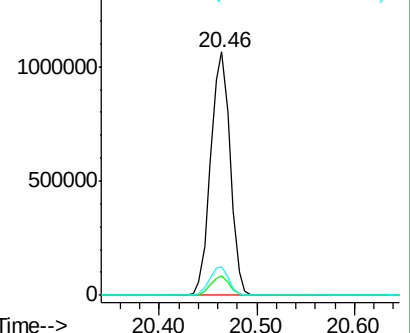
122 11.5 8.6 12.8



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: 20.000 ng

RT: 25.95 min Scan# 3789

Delta R.T. -0.07 min

Lab File: BG027353.D

Acq: 9 Jun 2017 18:48

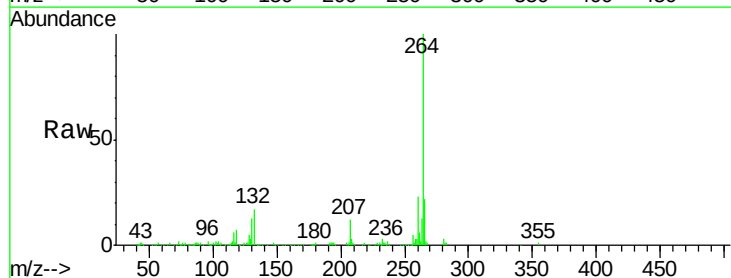
Tgt Ion:264 Resp: 317943

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 22.0 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

