

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027309.D
 Acq On : 8 Jun 2017 8:40
 Operator : SJ/MA
 Sample : I3488-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-RO-45-060517

Quant Time: Jun 08 11:00:07 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	43103	20.00	ng	-0.03
21) Naphthalene-d8	11.37	136	202473	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	116017	20.00	ng	-0.03
63) Phenanthrene-d10	17.88	188	341380	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	360199	20.00	ng	-0.04
86) Perylene-d12	25.95	264	151749	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	424944	150.44	ng	-0.01
7) Phenol-d6	7.69	99	532637	128.46	ng	-0.01
23) Nitrobenzene-d5	9.72	82	377503	117.26	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	300237	196.52	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	891436	107.49	ng	-0.03
78) Terphenyl-d14	20.46	244	1570043	111.19	ng	-0.03

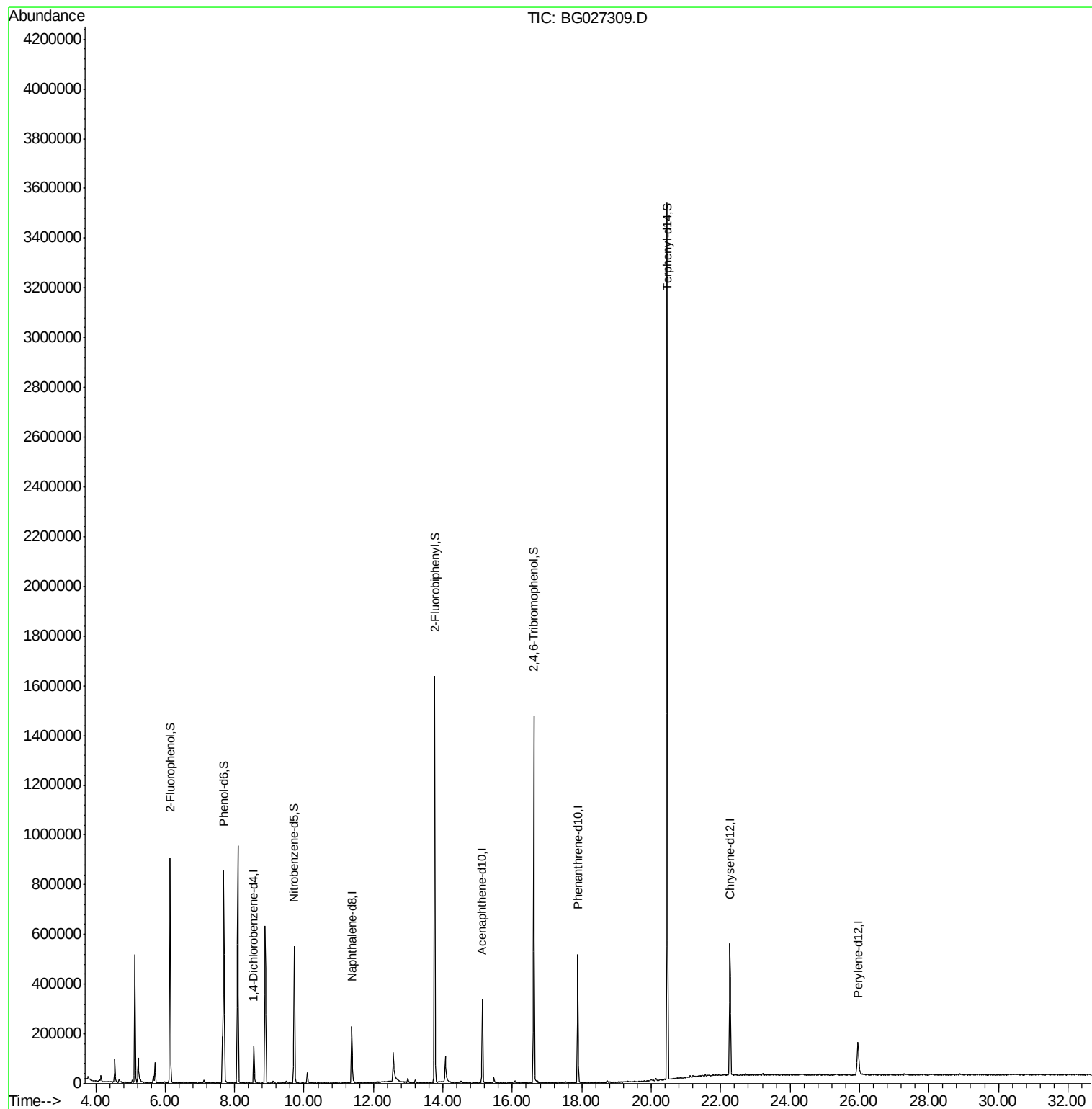
Target Compounds Qvalue

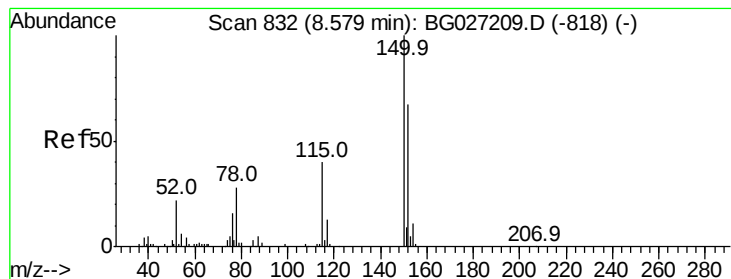
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027309.D
Acq On : 8 Jun 2017 8:40
Operator : SJ/MA
Sample : I3488-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-RO-45-060517

Quant Time: Jun 08 11:00:07 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.55 min Scan# 828

Delta R.T. -0.03 min

Lab File: BG027309.D

Acq: 8 Jun 2017 8:40

Instrument :

BNA_G

ClientSampleId :

TR-RO-45-060517

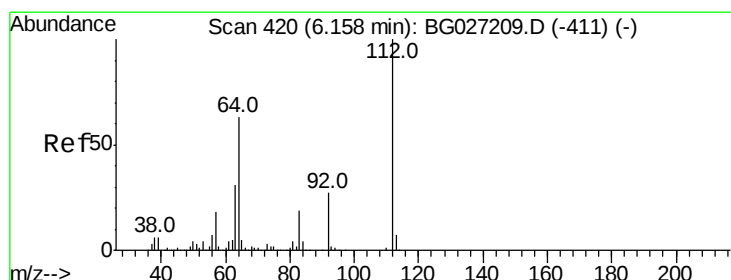
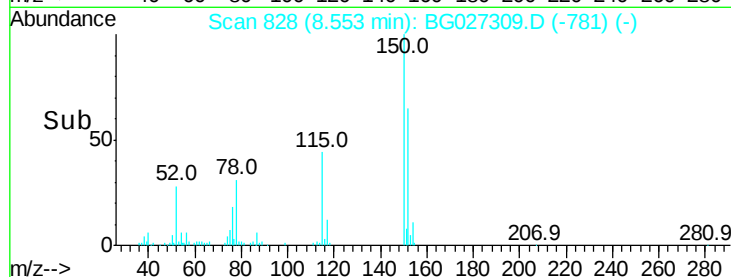
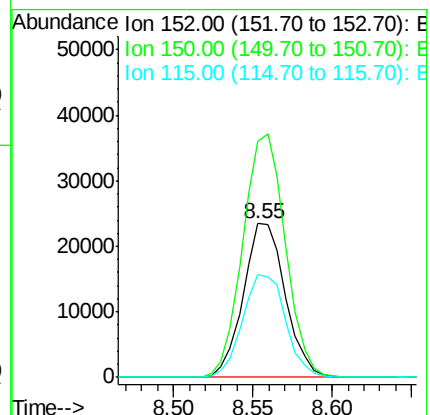
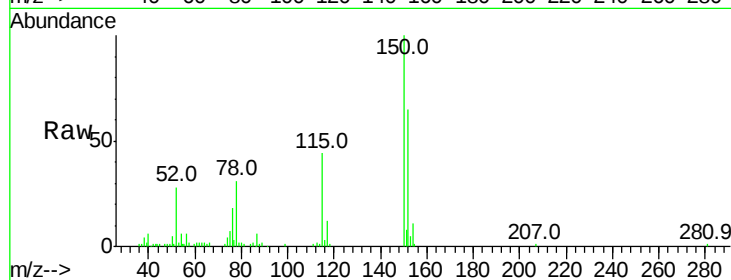
Tot Ion:152 Resp: 43103

Ion Ratio Lower Upper

152 100

150 153.7 114.0 171.0

115 67.0 48.1 72.1



#5

2-Fluorophenol

Concen: 150.44 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027309.D

Acq: 8 Jun 2017 8:40

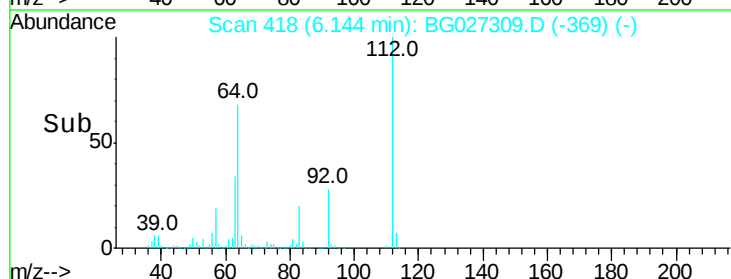
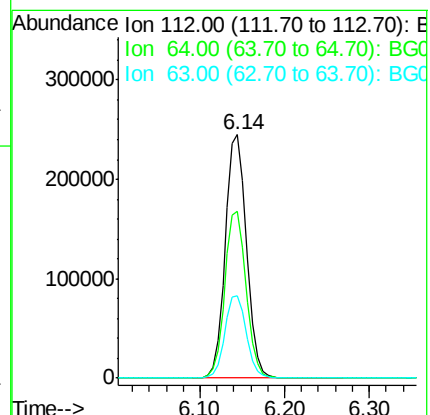
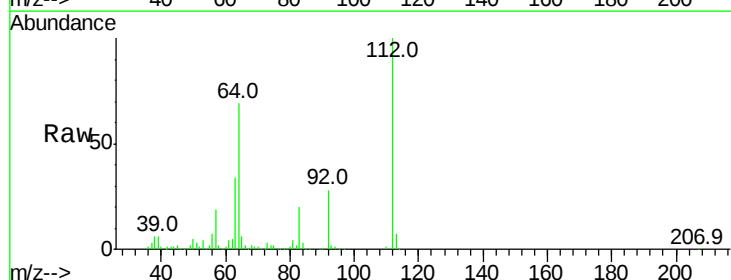
Tgt Ion:112 Resp: 424944

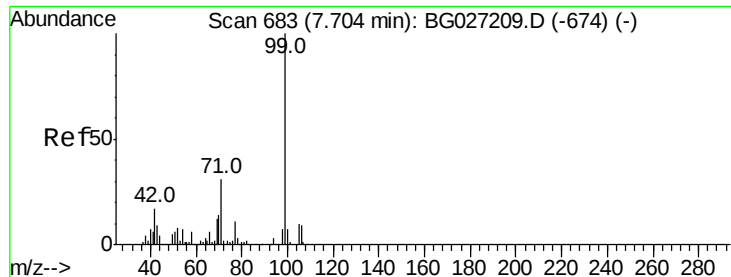
Ion Ratio Lower Upper

112 100

64 68.6 61.8 92.6

63 33.9 37.2 55.8#





#7

Phenol-d6

Concen: 128.46 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027309.D

Acq: 8 Jun 2017 8:40

Instrument :

BNA_G

ClientSampleId :

TR-RO-45-060517

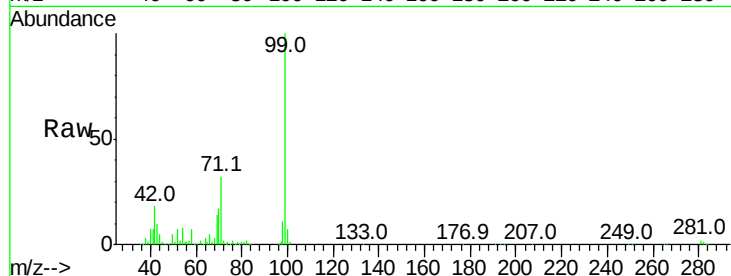
Tot Ion: 99 Resp: 532637

Ion Ratio Lower Upper

99 100

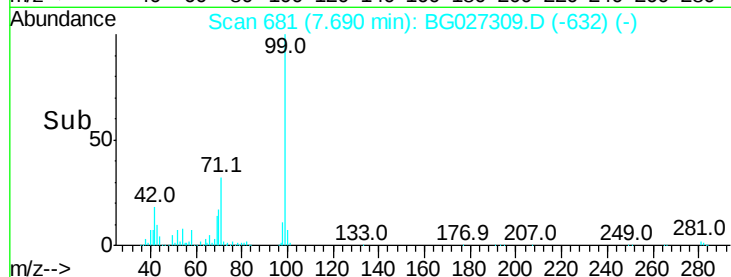
42 18.1 20.5 30.7#

71 31.8 37.6 56.4#

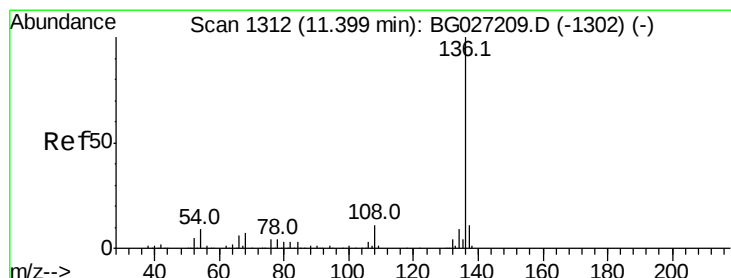


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC

7.69



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.37 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BG027309.D

Acq: 8 Jun 2017 8:40

Tgt Ion: 136 Resp: 202473

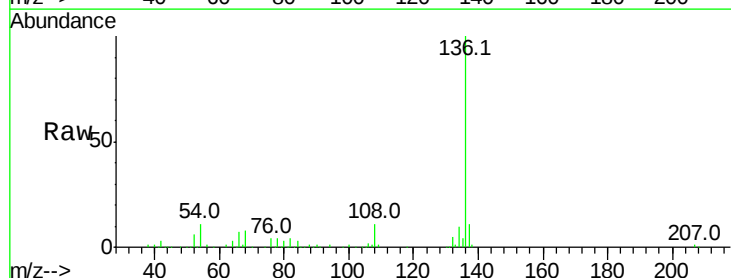
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

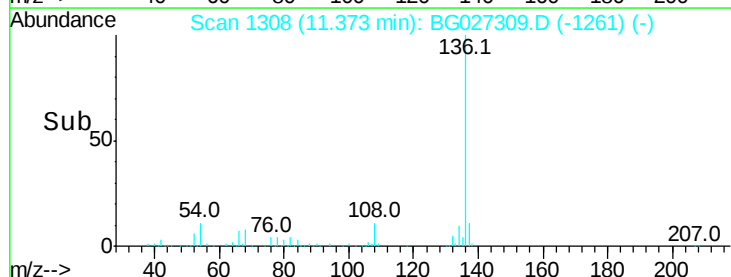
54 10.5 9.3 13.9

68 8.2 5.1 7.7#

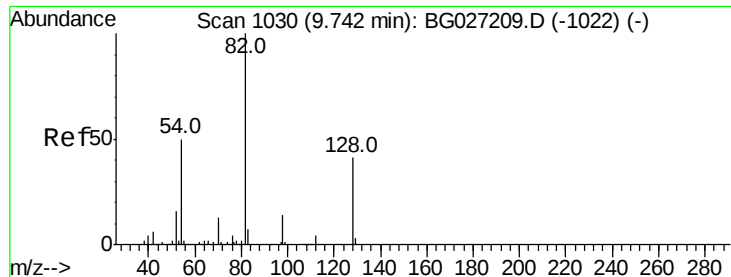


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

11.37



Time-->



#23

Nitrobenzene-d5

Concen: 117.26 ng

RT: 9.72 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BG027309.D

Acq: 8 Jun 2017 8:40

Instrument :

BNA_G

ClientSampleId :

TR-RO-45-060517

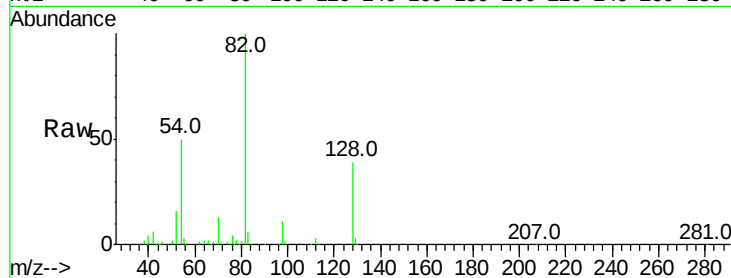
Tot Ion: 82 Resp: 377503

Ion Ratio Lower Upper

82 100

128 39.0 26.4 39.6

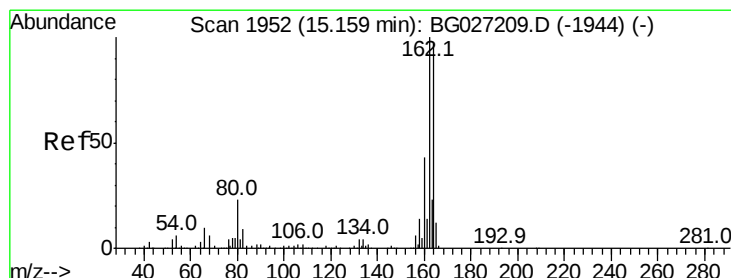
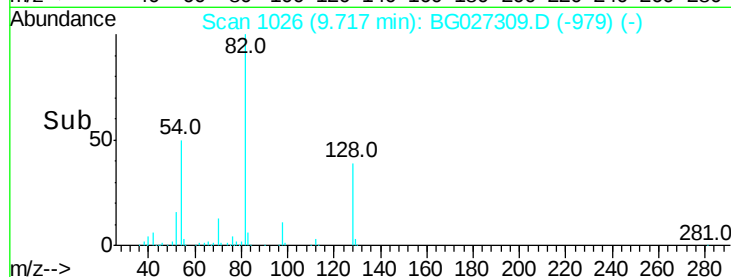
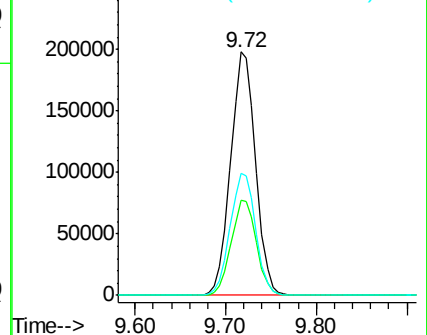
54 50.1 49.4 74.2



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: 20.00 ng

RT: 15.13 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BG027309.D

Acq: 8 Jun 2017 8:40

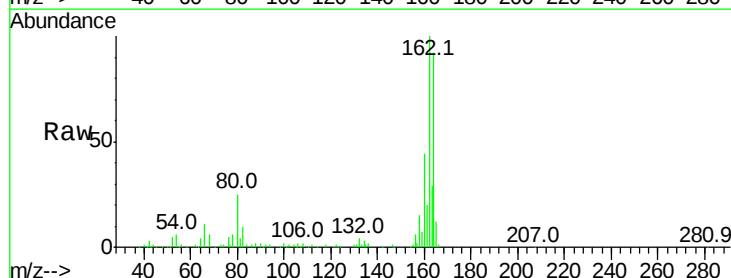
Tgt Ion:164 Resp: 116017

Ion Ratio Lower Upper

164 100

162 108.5 85.1 127.7

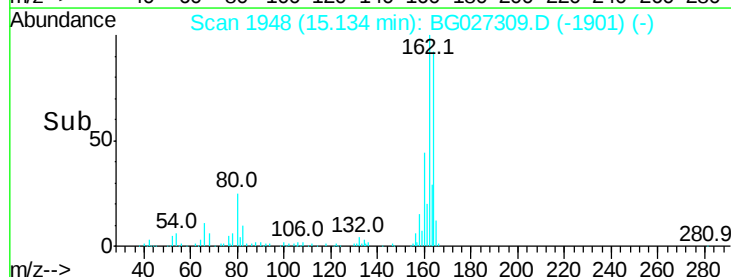
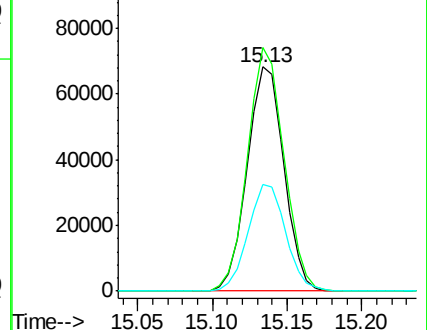
160 47.8 34.7 52.1

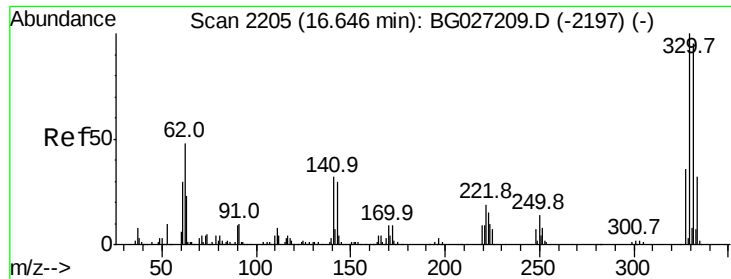


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

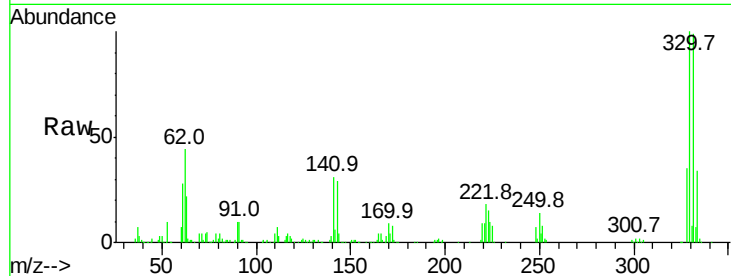




#41
 2,4,6-Tribromophenol
 Concen: 196.52 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027309.D
 Acq: 8 Jun 2017 8:40

Instrument :
 BNA_G
 ClientSampleId :
 TR-RO-45-060517

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	33.4	32.1	48.1

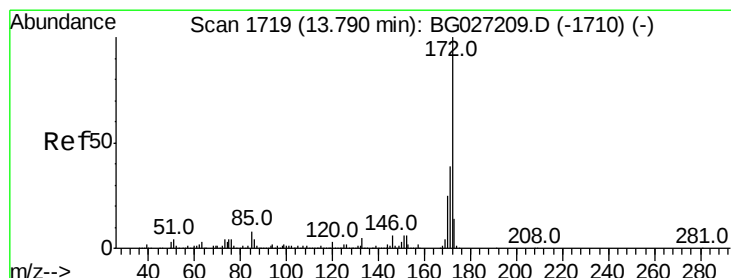
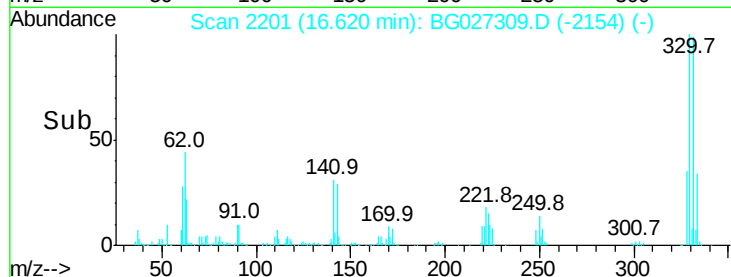
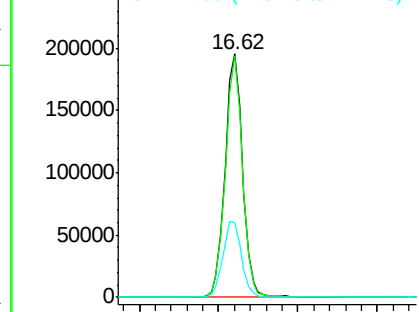


Abundance

Ion 329.80 (329.50 to 330.50): E

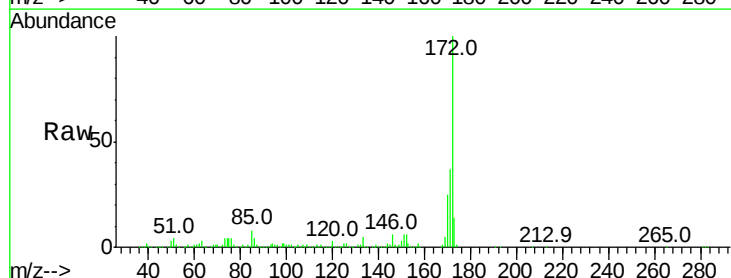
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 107.49 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027309.D
 Acq: 8 Jun 2017 8:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	24.5	21.8	32.6

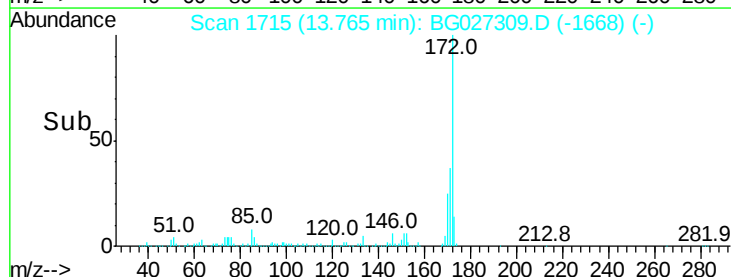
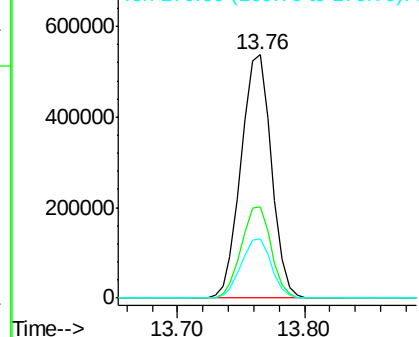


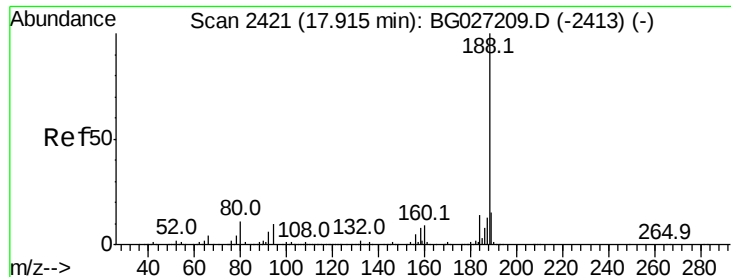
Abundance

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

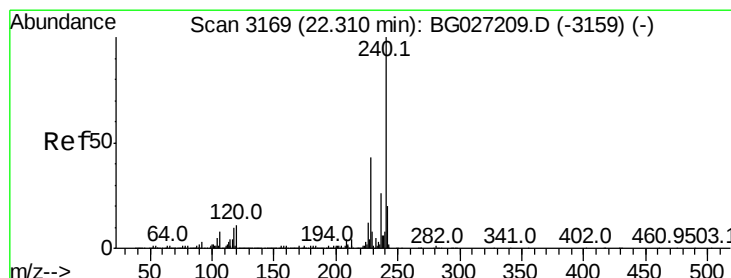
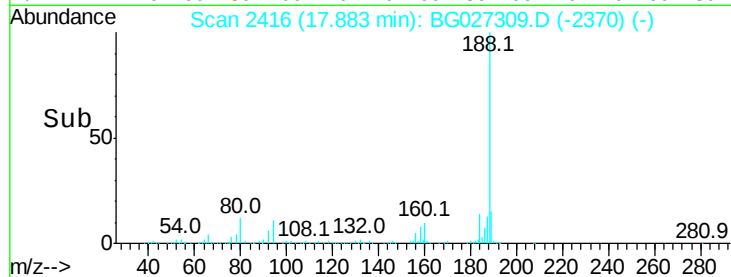
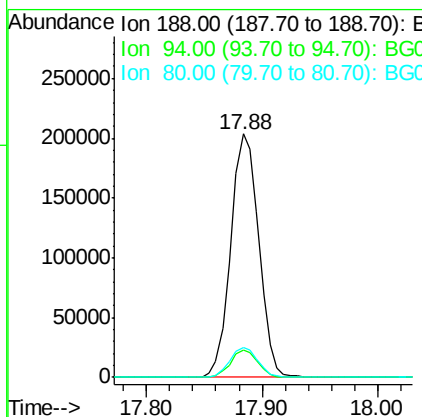
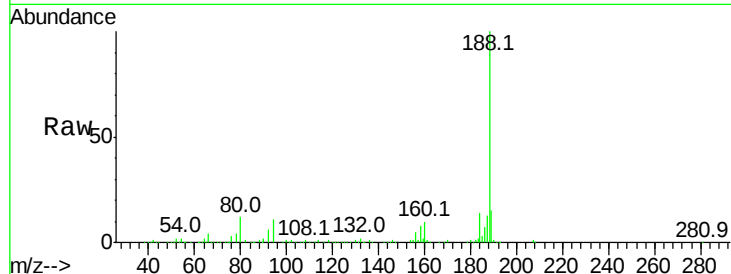




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027309.D
Acq: 8 Jun 2017 8:40

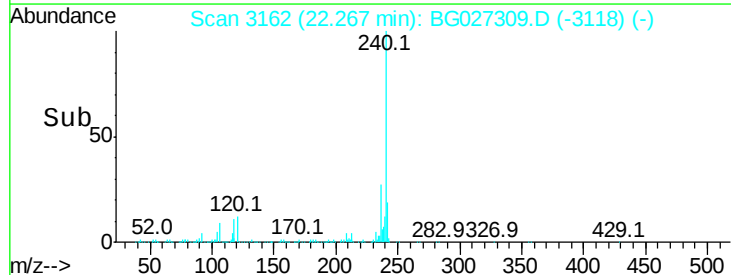
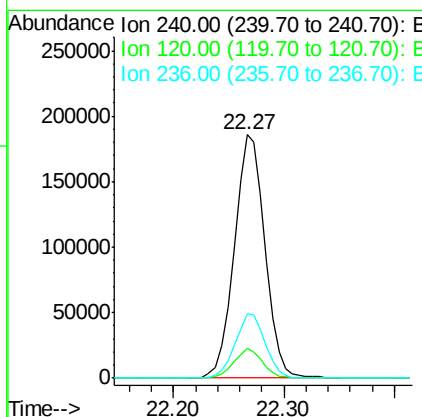
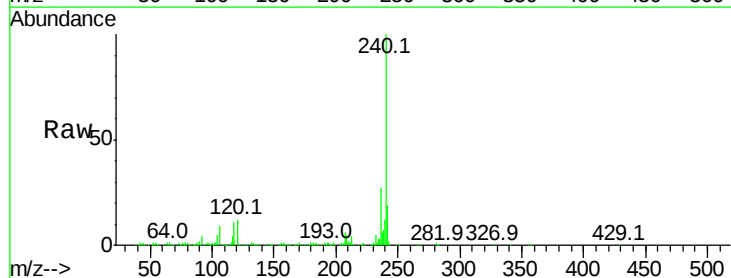
Instrument :
BNA_G
ClientSampleId :
TR-RO-45-060517

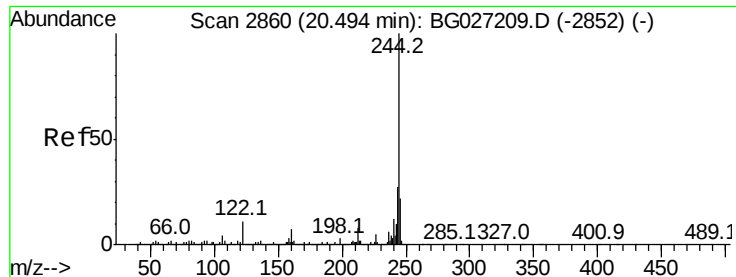
Tot Ion:188 Resp: 341380
Ion Ratio Lower Upper
188 100
94 11.4 5.8 8.8#
80 12.4 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.04 min
Lab File: BG027309.D
Acq: 8 Jun 2017 8:40

Tgt Ion:240 Resp: 360199
Ion Ratio Lower Upper
240 100
120 12.1 5.7 8.5#
236 26.6 22.2 33.4





#78

Terphenyl-d14

Concen: 111.19 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027309.D

Acq: 8 Jun 2017 8:40

Instrument :

BNA_G

ClientSampleId :

TR-RO-45-060517

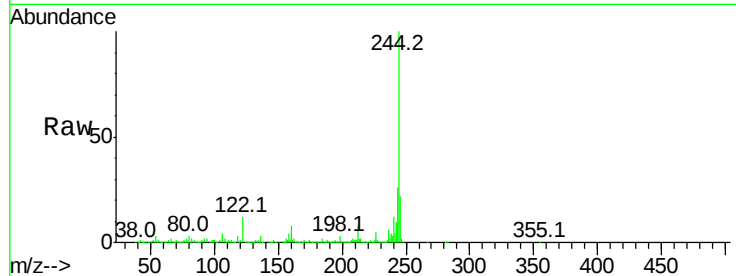
Tot Ion:244 Resp: 1570043

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

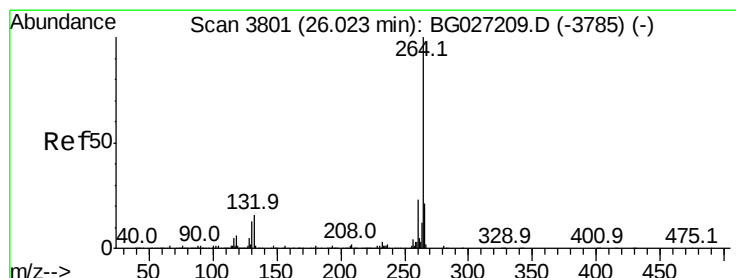
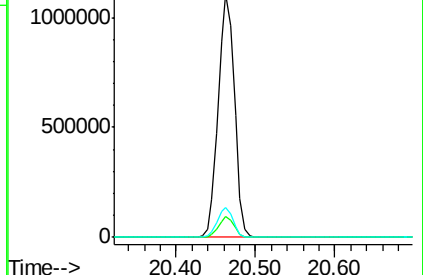
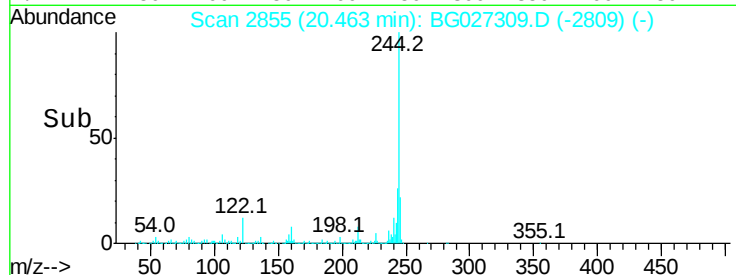
122 12.0 8.6 12.8



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: 25.95 min Scan# 3789

Delta R.T. -0.07 min

Lab File: BG027309.D

Acq: 8 Jun 2017 8:40

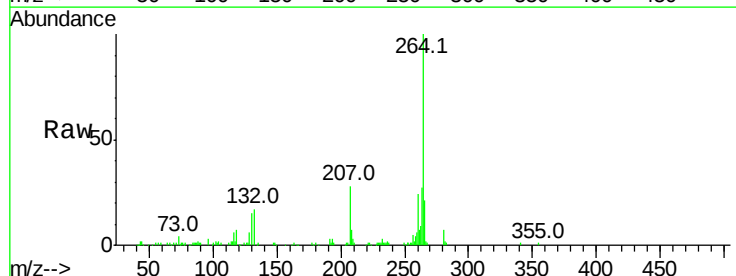
Tgt Ion:264 Resp: 151749

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 21.2 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

