

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027218.D
 Acq On : 5 Jun 2017 18:35
 Operator : SJ/MA
 Sample : PB99457BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 04:03:06 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	8.57	152	44680	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	207215	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	139424	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	376677	20.00	ng	-0.01
75) Chrysene-d12	22.30	240	443749	20.00	ng	-0.01
86) Perylene-d12	26.01	264	417871	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	441673	150.85	ng	0.00
7) Phenol-d6	7.70	99	609296	141.76	ng	0.00
23) Nitrobenzene-d5	9.74	82	303619	92.15	ng	0.00
41) 2,4,6-Tribromophenol	16.63	330	277169	150.97	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	868608	87.16	ng	-0.01
78) Terphenyl-d14	20.49	244	1589518	91.38	ng	0.00

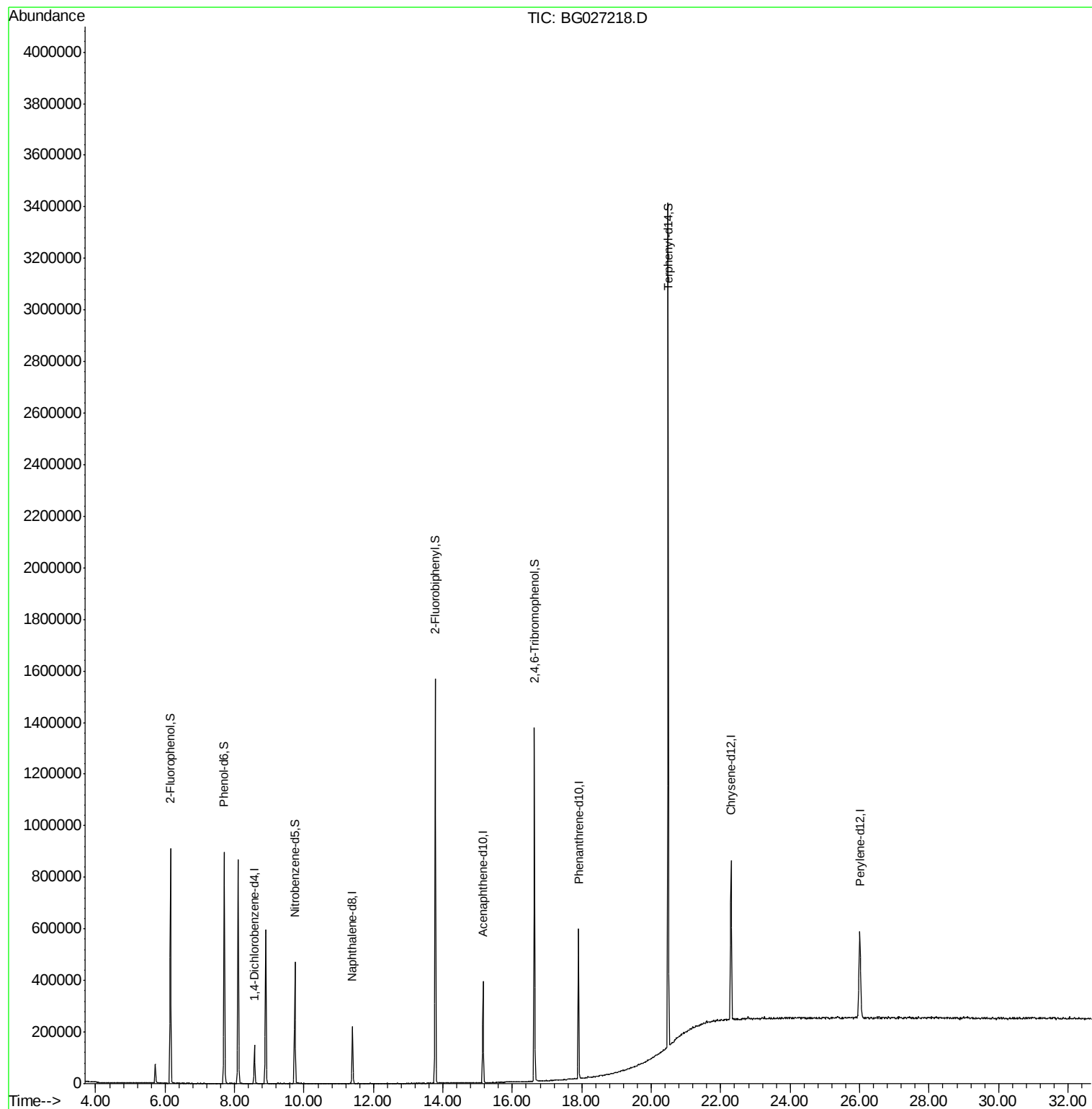
Target Compounds Qvalue

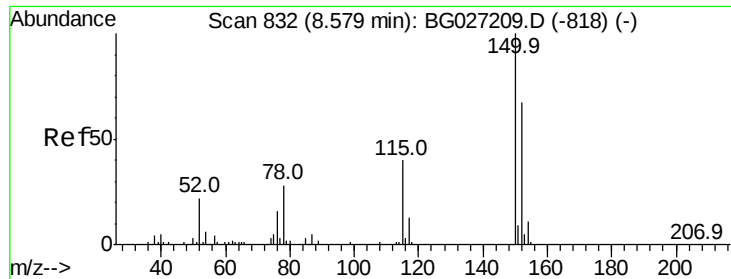
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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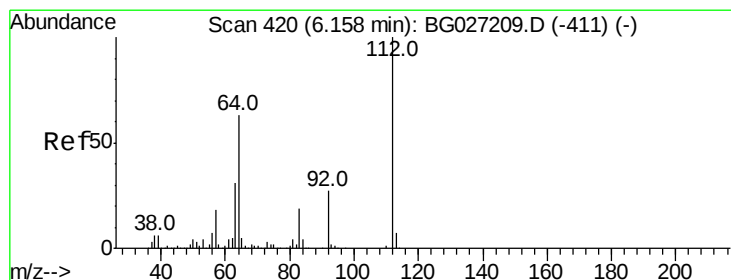
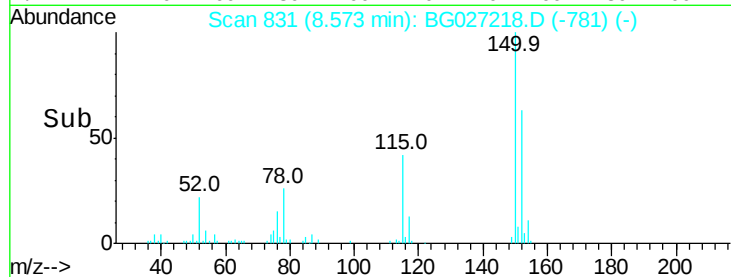
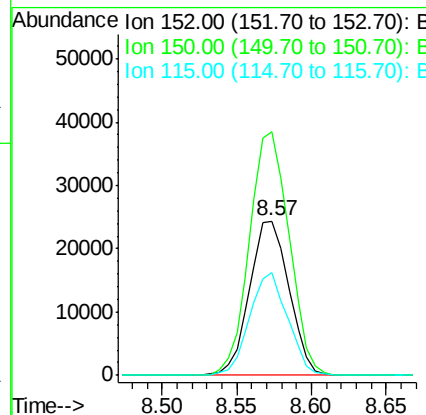
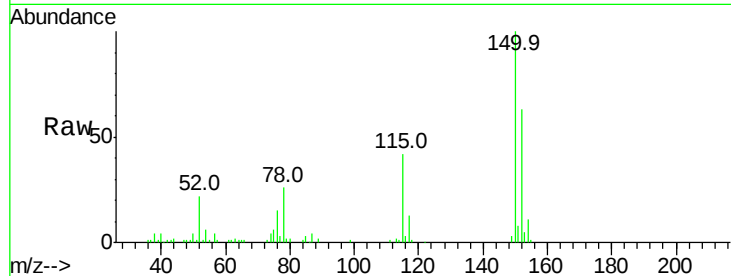


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG027218.D
Acq: 5 Jun 2017 18:35

Instrument :
BNA_G
ClientSampled :

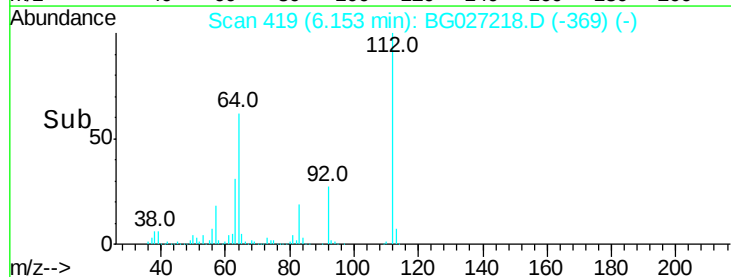
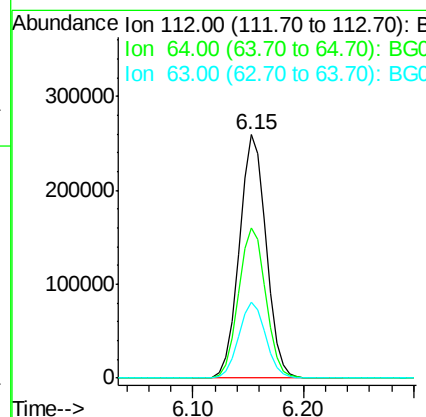
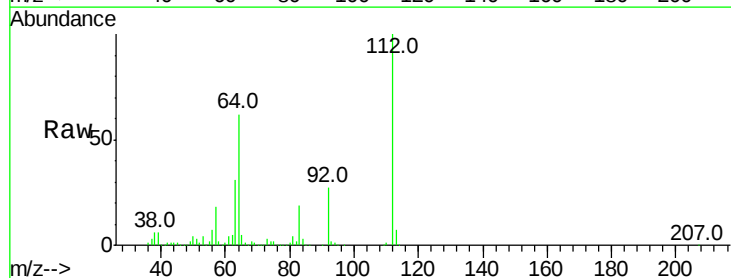
Tot Ion:152 Resp: 44680
Ion Ratio Lower Upper
152 100
150 157.5 114.0 171.0
115 66.2 48.1 72.1

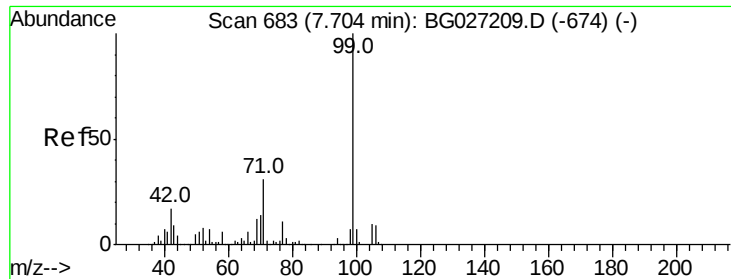


#5

2-Fluorophenol
Concen: 150.85 ng
RT: 6.15 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG027218.D
Acq: 5 Jun 2017 18:35

Tgt Ion:112 Resp: 441673
Ion Ratio Lower Upper
112 100
64 61.8 61.8 92.6#
63 31.1 37.2 55.8#





#7

Phenol-d6

Concen: 141.76 ng

RT: 7.70 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG027218.D

Acq: 5 Jun 2017 18:35

Instrument :

BNA_G

ClientSampleId :

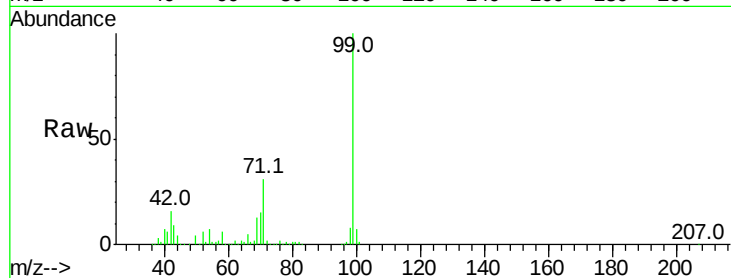
Tot Ion: 99 Resp: 609296

Ion Ratio Lower Upper

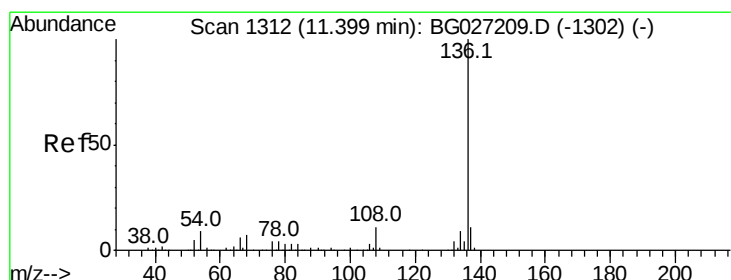
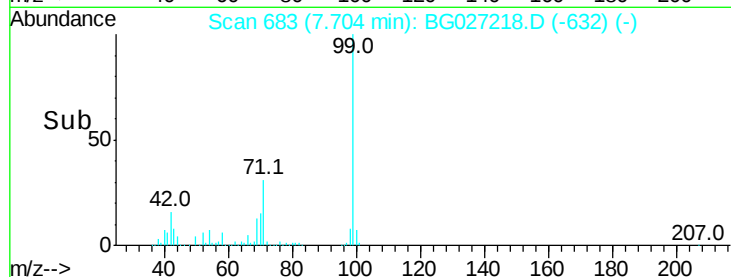
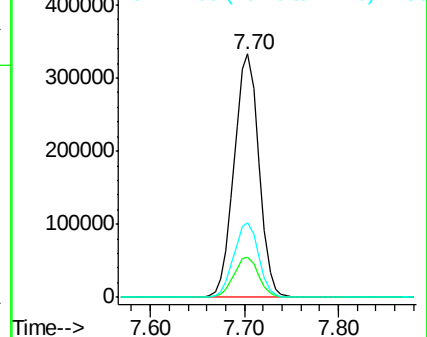
99 100

42 16.4 20.5 30.7#

71 30.5 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG027218.D

Acq: 5 Jun 2017 18:35

Tgt Ion: 136 Resp: 207215

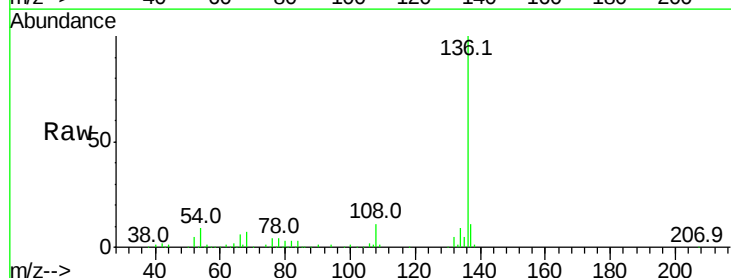
Ion Ratio Lower Upper

136 100

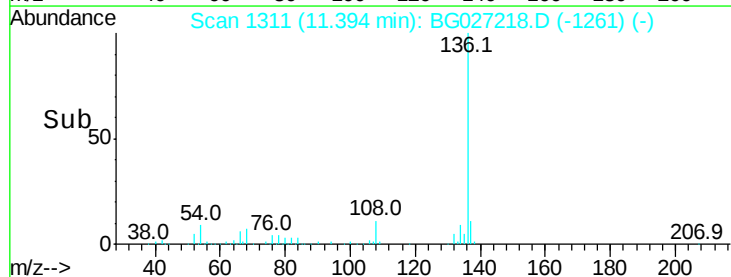
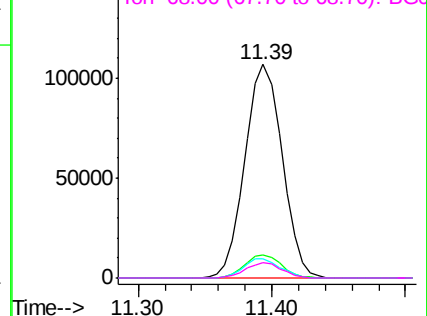
137 10.6 8.9 13.3

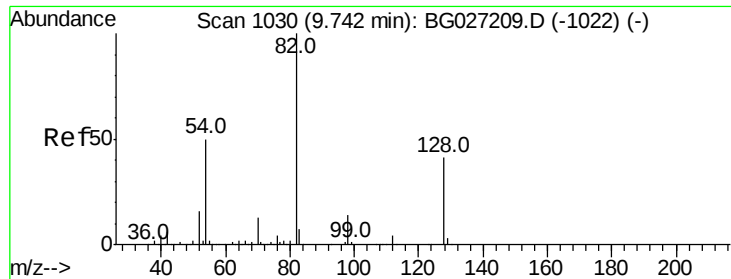
54 9.3 9.3 13.9

68 7.0 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

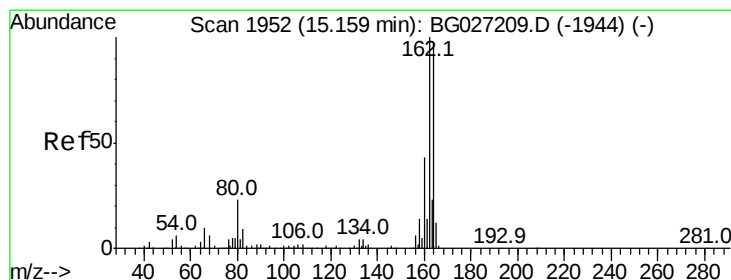
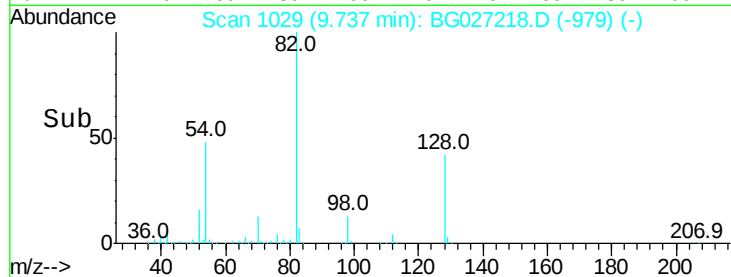
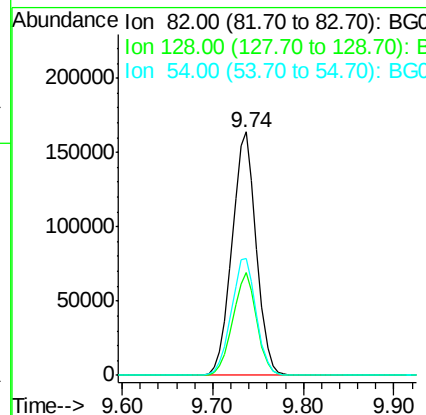
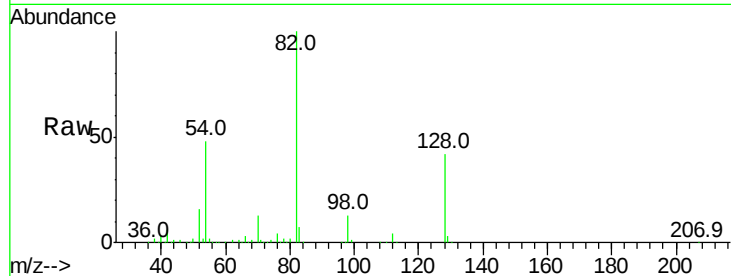




#23
 Nitrobenzene-d5
 Concen: 92.15 ng
 RT: 9.74 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG027218.D
 Acq: 5 Jun 2017 18:35

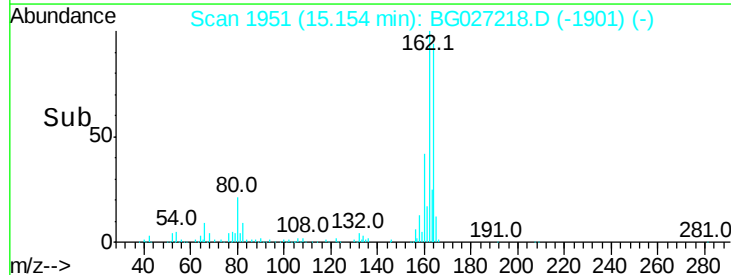
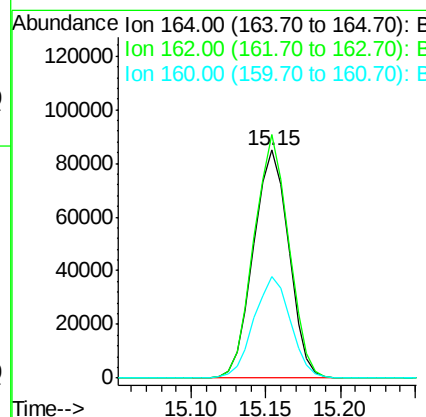
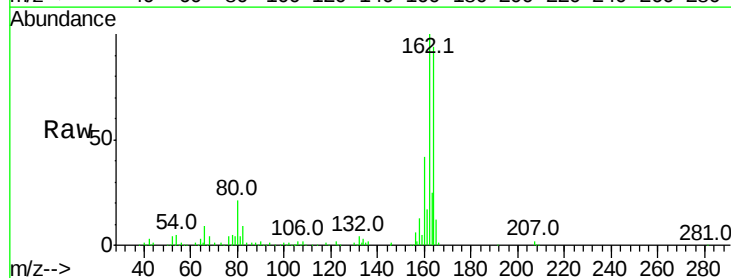
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 303619
 Ion Ratio Lower Upper
 82 100
 128 42.0 26.4 39.6#
 54 48.1 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG027218.D
 Acq: 5 Jun 2017 18:35

Tgt Ion:164 Resp: 139424
 Ion Ratio Lower Upper
 164 100
 162 106.9 85.1 127.7
 160 44.4 34.7 52.1

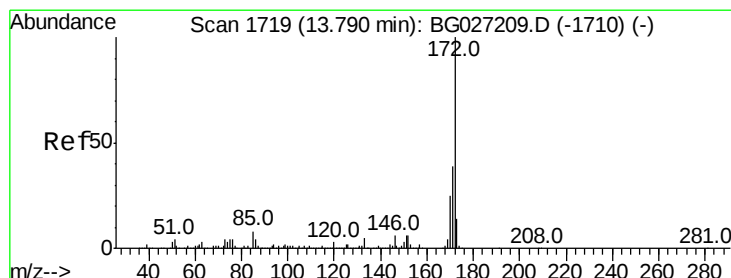
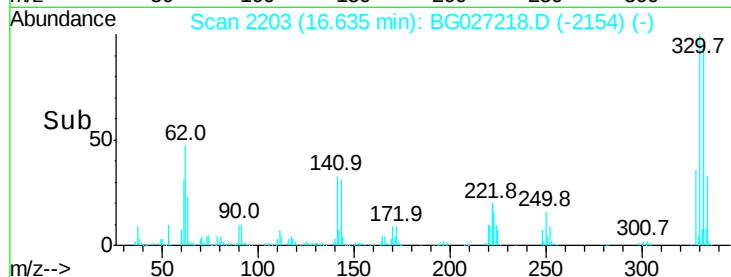
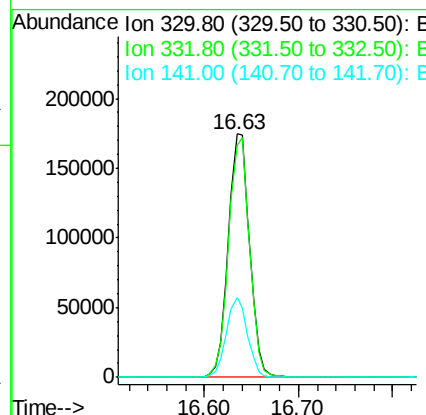
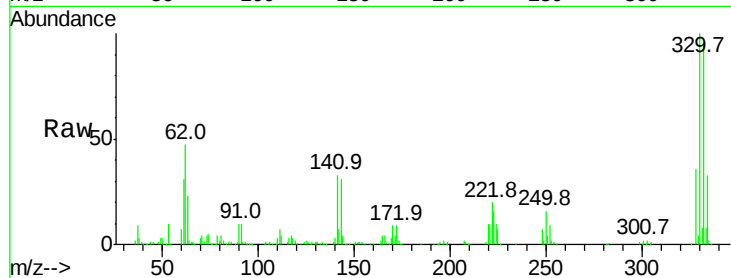




#41
2,4,6-Tribromophenol
Concen: 150.97 ng
RT: 16.63 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG027218.D
Acq: 5 Jun 2017 18:35

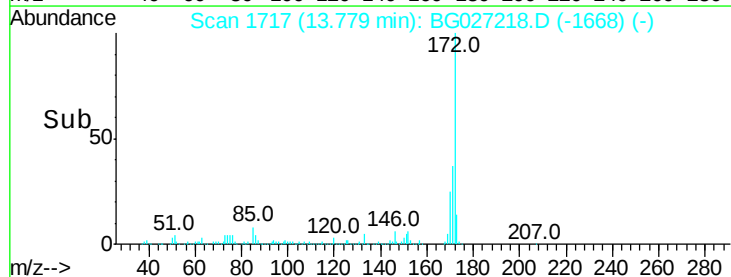
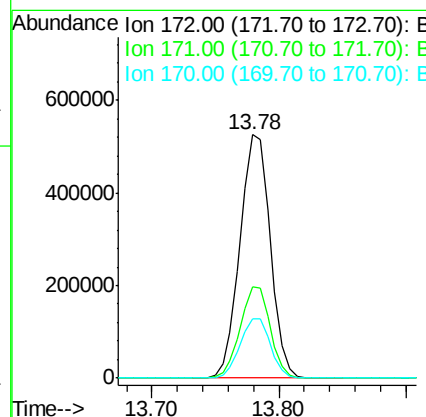
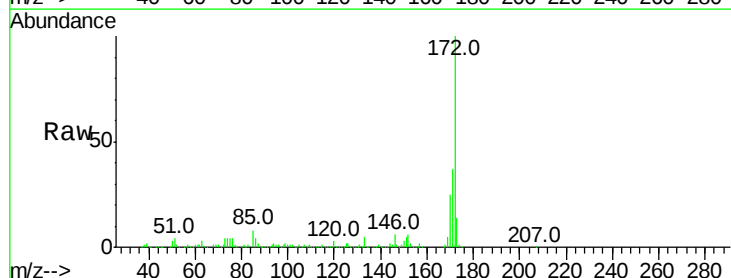
Instrument :
BNA_G
ClientSampleId :

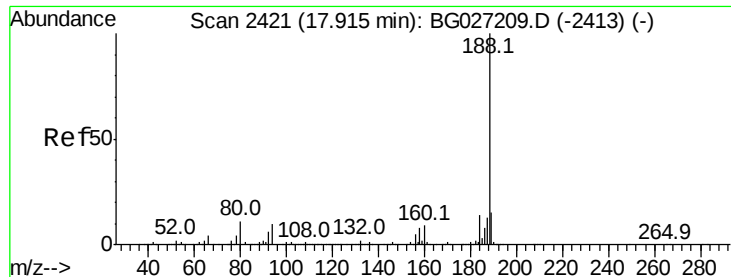
Tot Ion:330 Resp: 277169
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 32.4 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 87.16 ng
RT: 13.78 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG027218.D
Acq: 5 Jun 2017 18:35

Tgt Ion:172 Resp: 868608
Ion Ratio Lower Upper
172 100
171 37.4 32.2 48.2
170 24.5 21.8 32.6

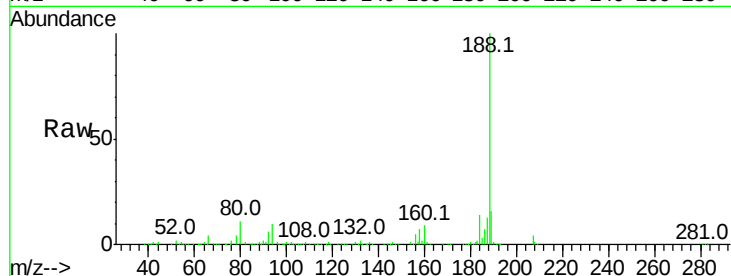




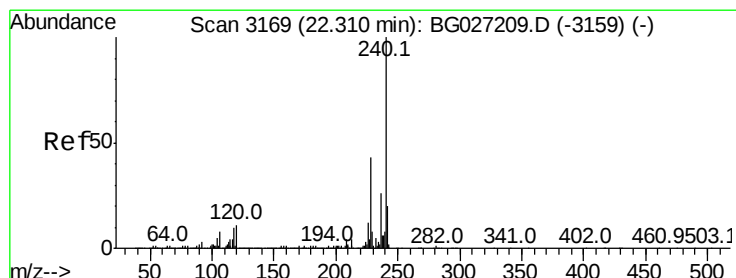
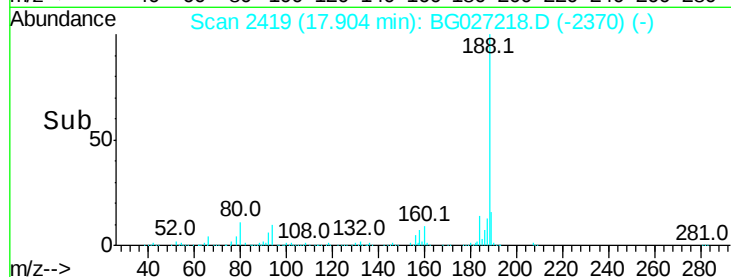
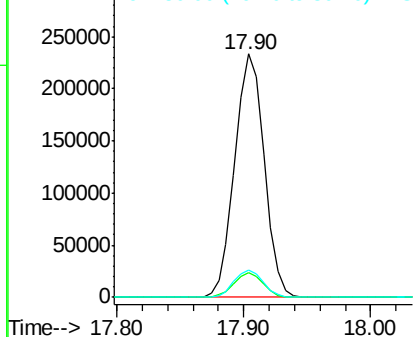
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG027218.D
Acq: 5 Jun 2017 18:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 376677
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 11.3 7.5 11.3

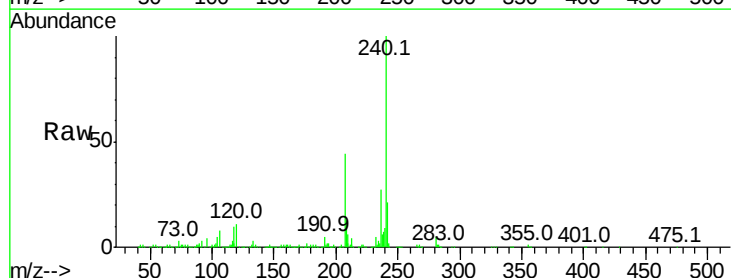


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

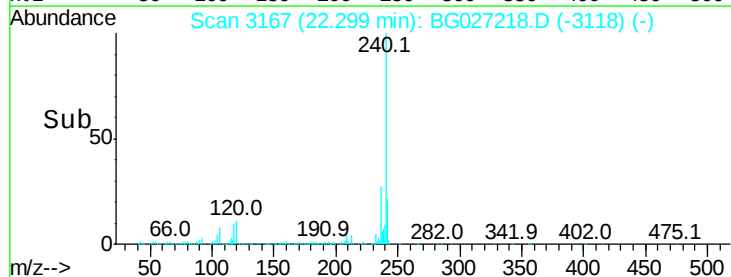
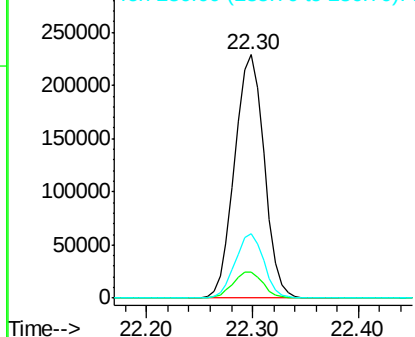


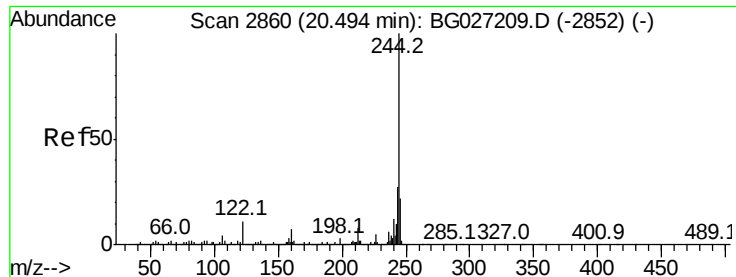
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.30 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG027218.D
Acq: 5 Jun 2017 18:35

Tgt Ion:240 Resp: 443749
Ion Ratio Lower Upper
240 100
120 10.7 5.7 8.5#
236 26.7 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: 91.38 ng

RT: 20.49 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027218.D

Acq: 5 Jun 2017 18:35

Instrument :

BNA_G

ClientSampleId :

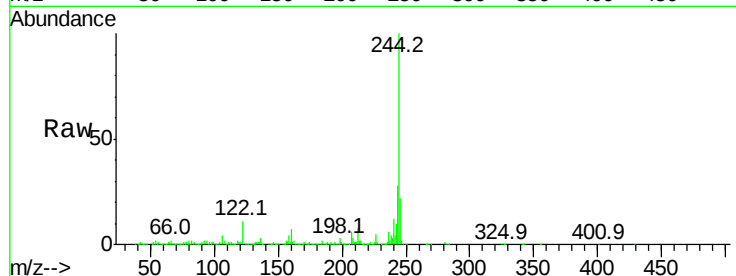
Tot Ion:244 Resp: 1589518

Ion Ratio Lower Upper

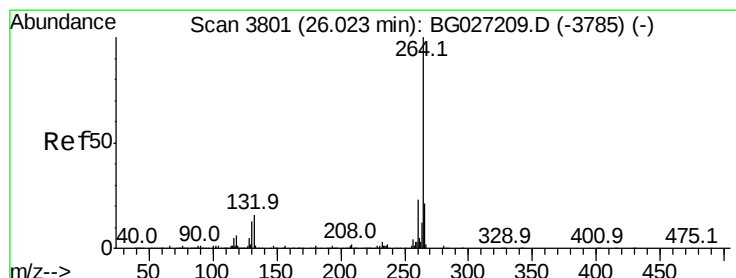
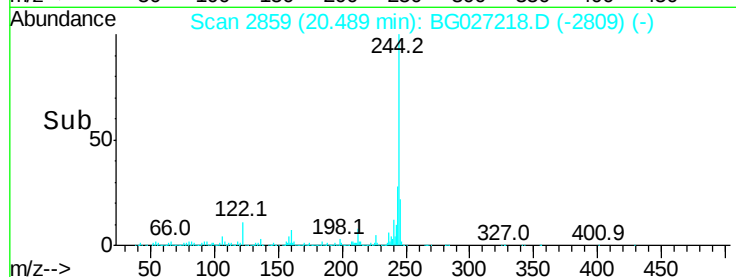
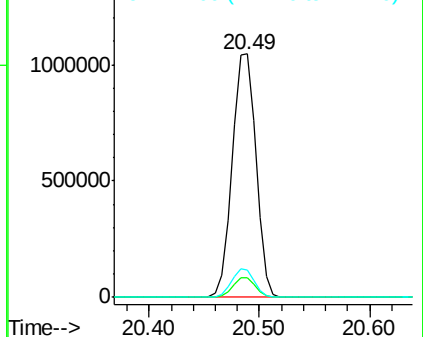
244 100

212 8.1 10.0 15.0#

122 11.0 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: 26.01 min Scan# 3798

Delta R.T. -0.02 min

Lab File: BG027218.D

Acq: 5 Jun 2017 18:35

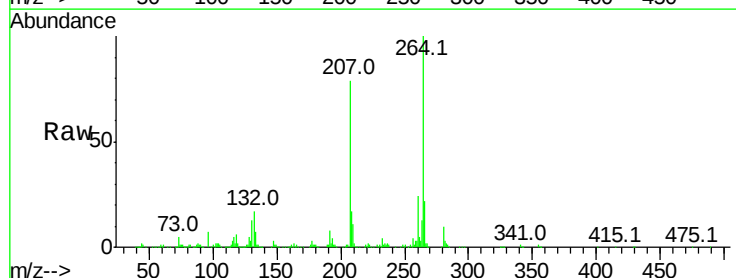
Tgt Ion:264 Resp: 417871

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 21.8 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

