

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
 Data File : BG027364.D
 Acq On : 10 Jun 2017 2:02
 Operator : SJ/MA
 Sample : I3575-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060817-B

Quant Time: Jun 10 06:56:37 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	8.56	152	49163	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	234241	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	80271	20.00	ng	-0.03
63) Phenanthrene-d10	17.88	188	316443	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	193183	20.00	ng	-0.04
86) Perylene-d12	25.96	264	42114	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	494682	153.54	ng	-0.01
7) Phenol-d6	7.69	99	452752	95.74	ng	-0.01
23) Nitrobenzene-d5	9.72	82	454126	121.92	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	338754	320.48	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	1021721	178.07	ng	-0.03
78) Terphenyl-d14	20.46	244	1395636	184.30	ng	-0.03

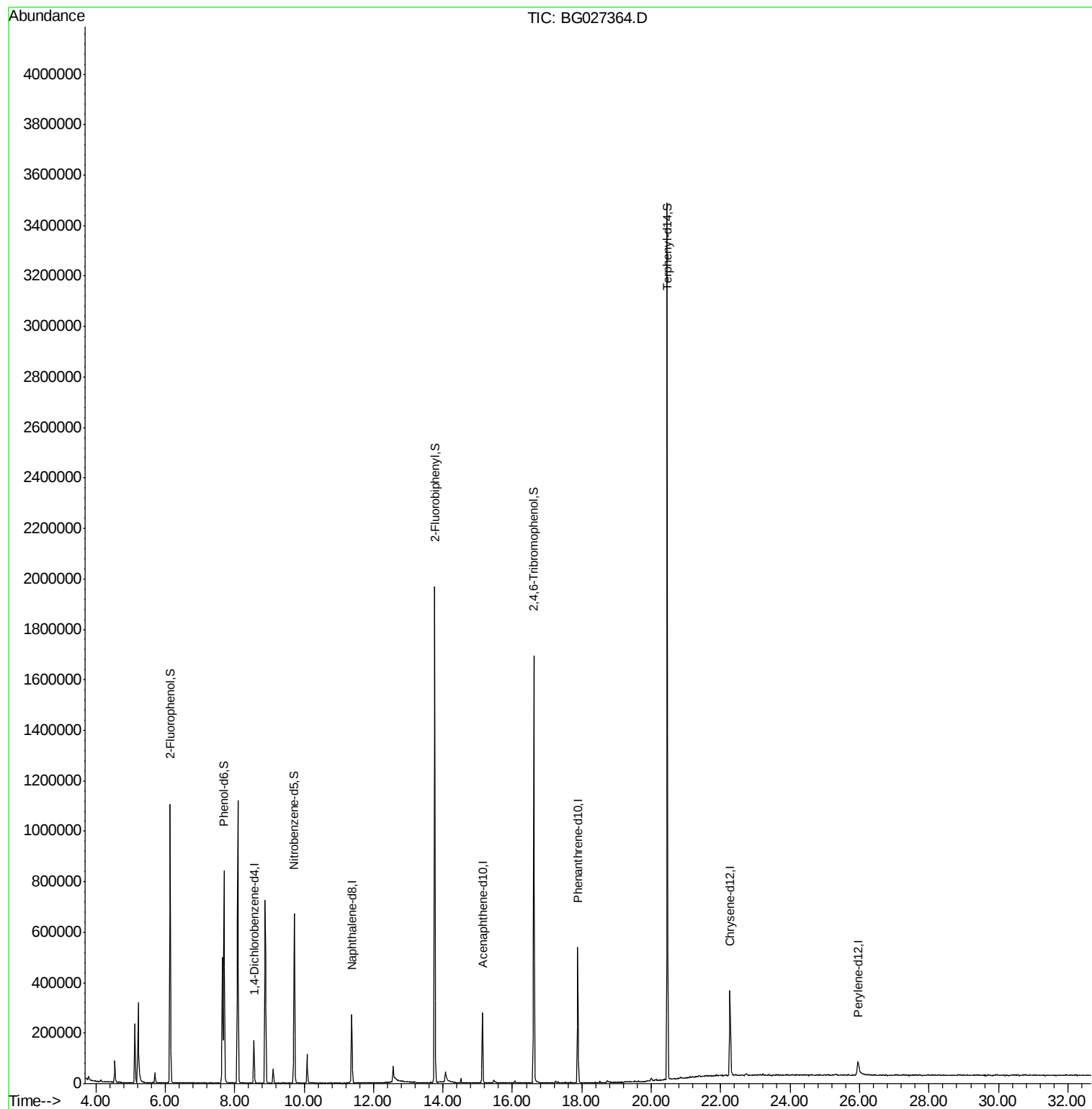
Target Compounds	Qvalue
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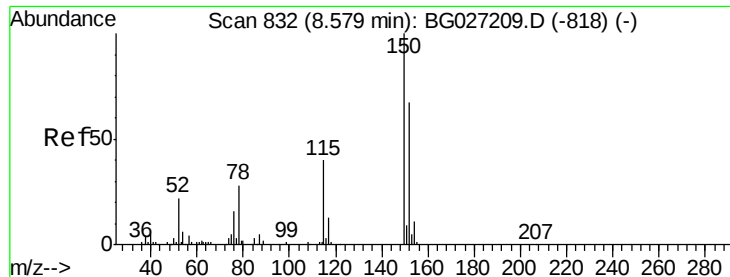
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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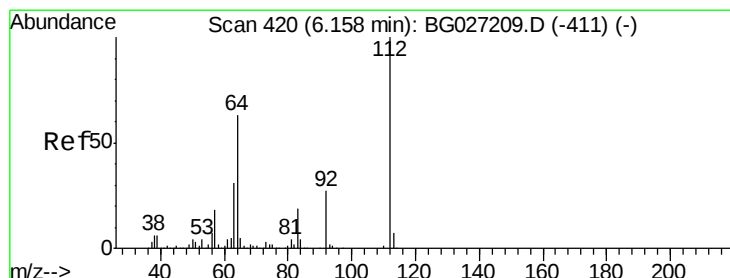
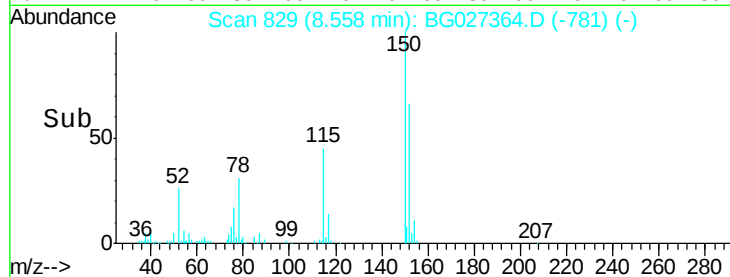
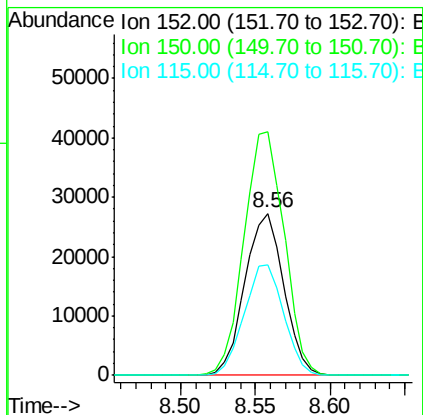
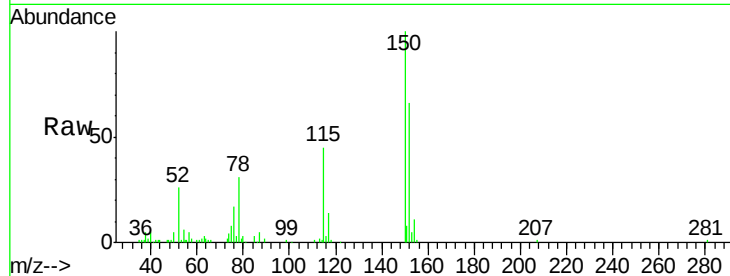


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027364.D
Acq: 10 Jun 2017 2:02

Instrument :
BNA_G
ClientSampleId :
HR-06-060817-B

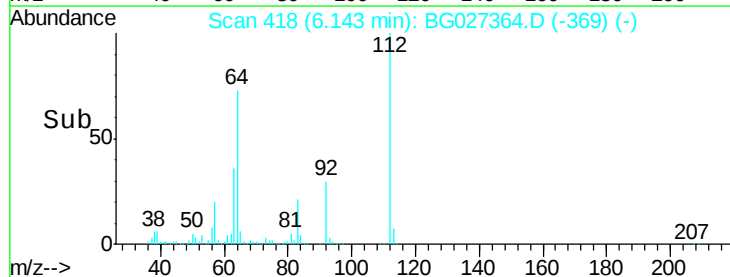
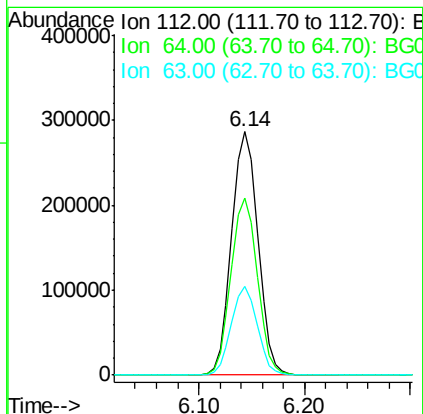
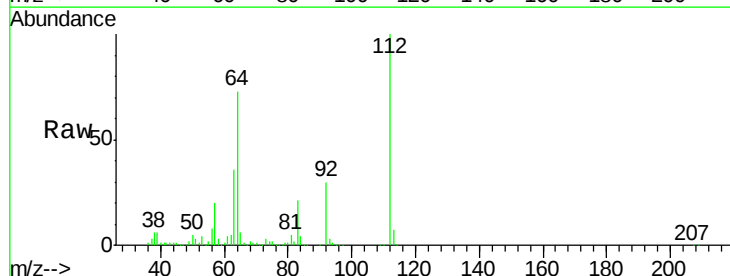
Tgt Ion:152 Resp: 49163
Ion Ratio Lower Upper
152 100
150 150.5 114.0 171.0
115 68.1 48.1 72.1

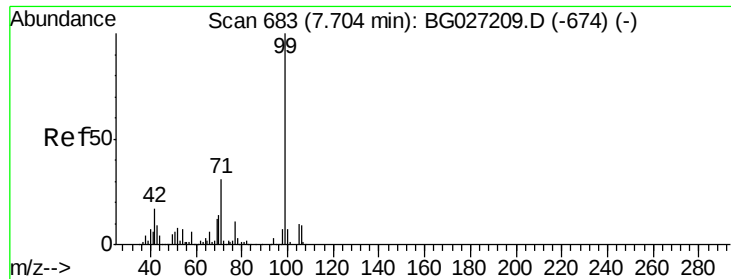


#5

2-Fluorophenol
Concen: 153.544 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027364.D
Acq: 10 Jun 2017 2:02

Tgt Ion:112 Resp: 494682
Ion Ratio Lower Upper
112 100
64 72.8 61.8 92.6
63 36.4 37.2 55.8#





#7

Phenol-d6

Concen: 95.735 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027364.D

Acq: 10 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

HR-06-060817-B

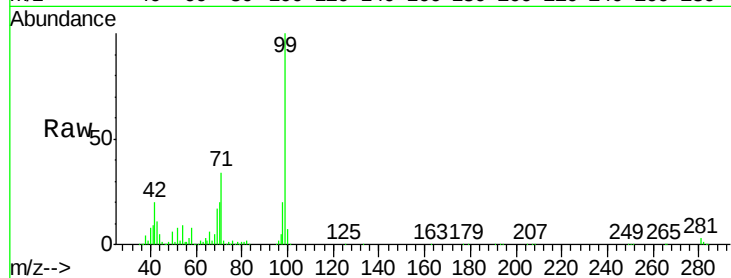
Tgt Ion: 99 Resp: 452752

Ion Ratio Lower Upper

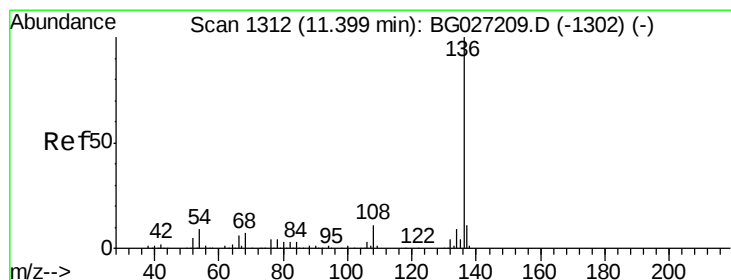
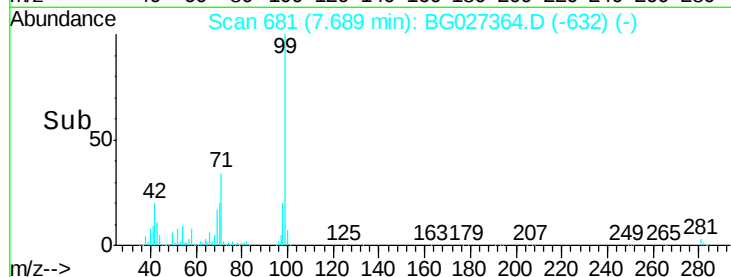
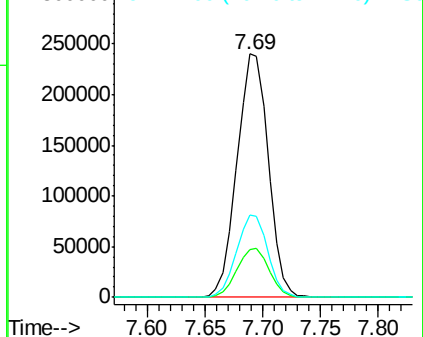
99 100

42 19.7 20.5 30.7#

71 34.1 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: 20.000 ng

RT: 11.37 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BG027364.D

Acq: 10 Jun 2017 2:02

Tgt Ion: 136 Resp: 234241

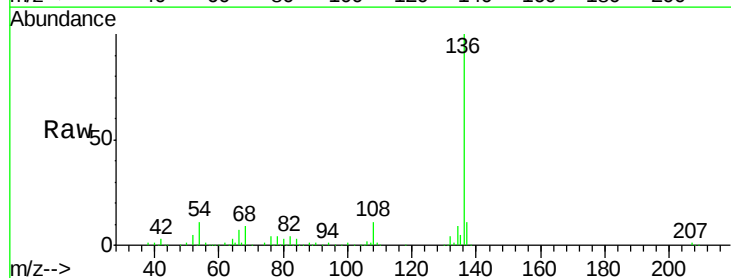
Ion Ratio Lower Upper

136 100

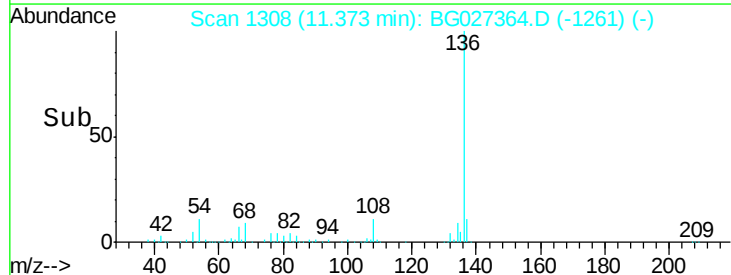
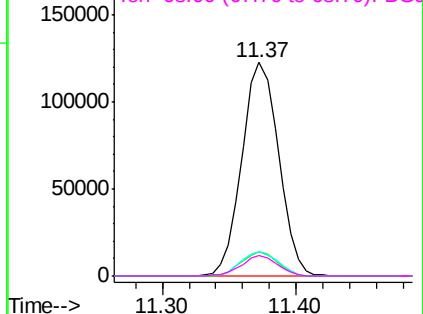
137 11.2 8.9 13.3

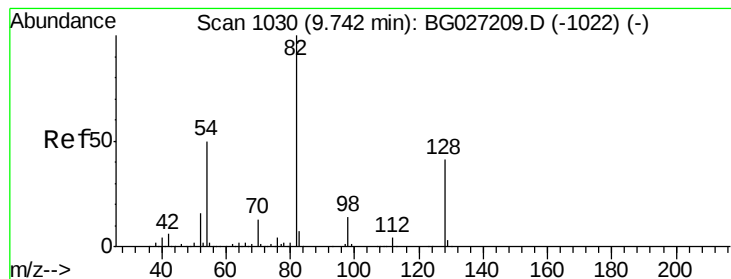
54 11.4 9.3 13.9

68 9.4 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: 121.925 ng

RT: 9.72 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BG027364.D

Acq: 10 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

HR-06-060817-B

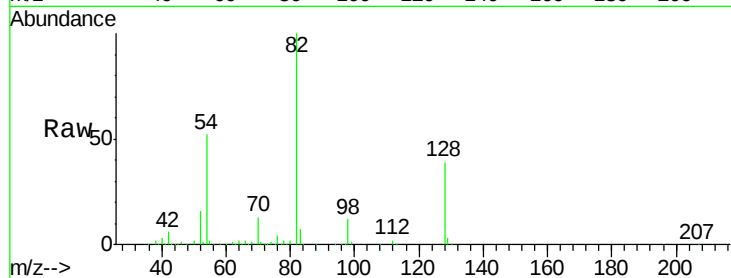
Tgt Ion: 82 Resp: 454126

Ion Ratio Lower Upper

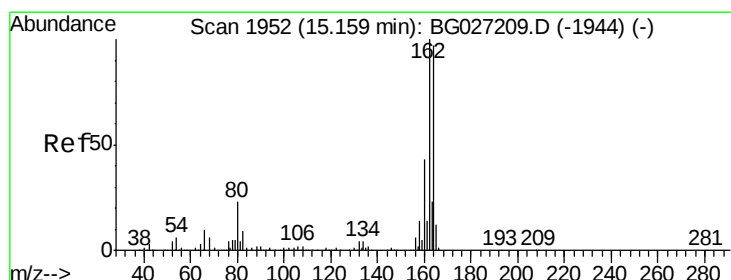
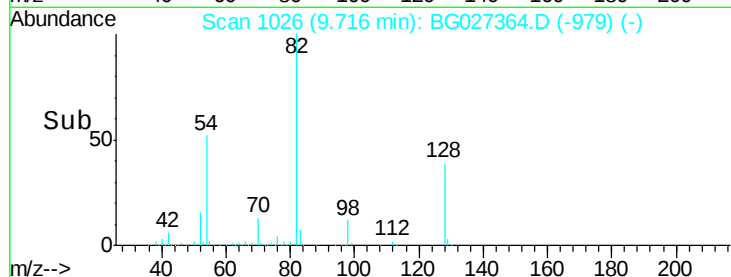
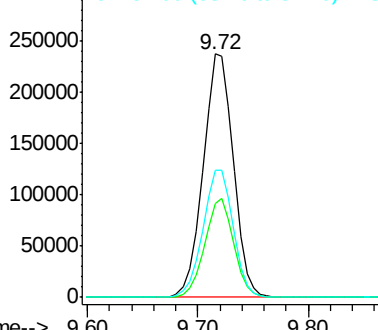
82 100

128 38.6 26.4 39.6

54 52.1 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: 20.000 ng

RT: 15.13 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BG027364.D

Acq: 10 Jun 2017 2:02

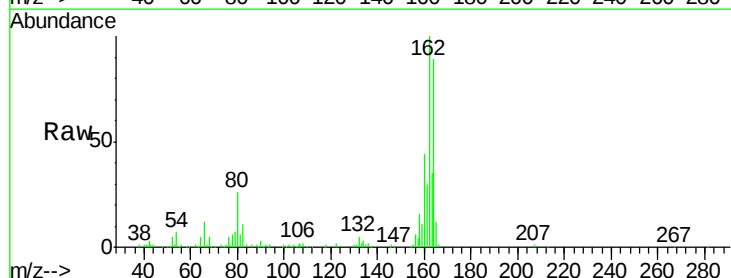
Tgt Ion: 164 Resp: 80271

Ion Ratio Lower Upper

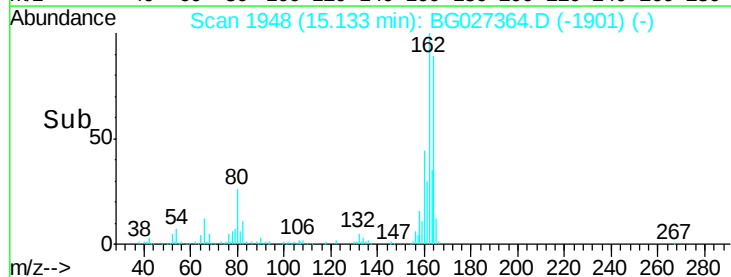
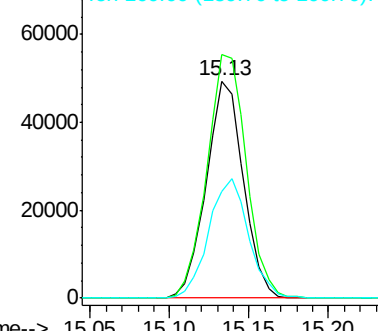
164 100

162 112.3 85.1 127.7

160 49.4 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

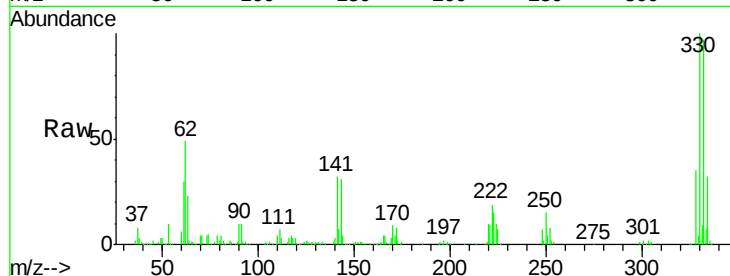




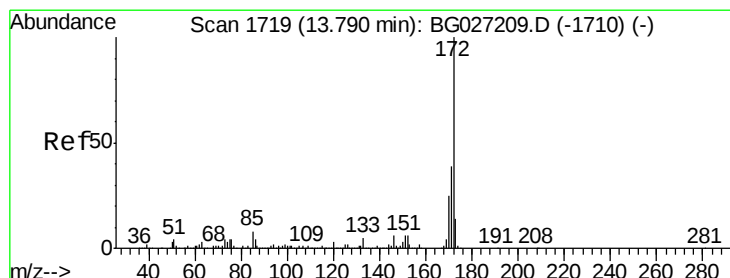
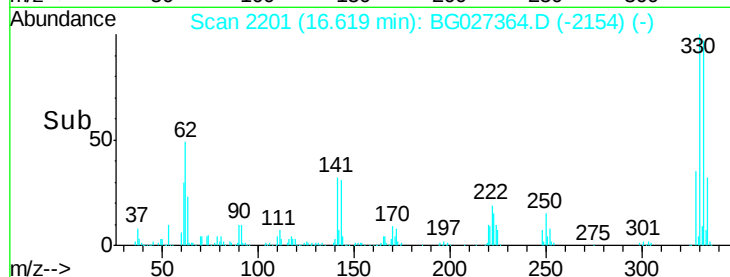
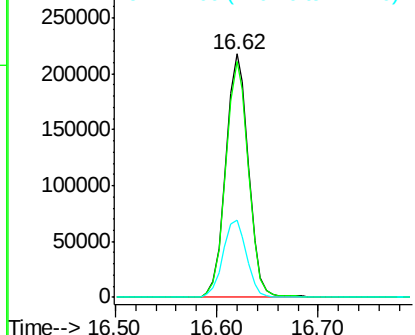
#41
 2,4,6-Tribromophenol
 Concen: 320.478 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027364.D
 Acq: 10 Jun 2017 2:02

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060817-B

Tgt Ion:330 Resp: 338754
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 33.3 32.1 48.1

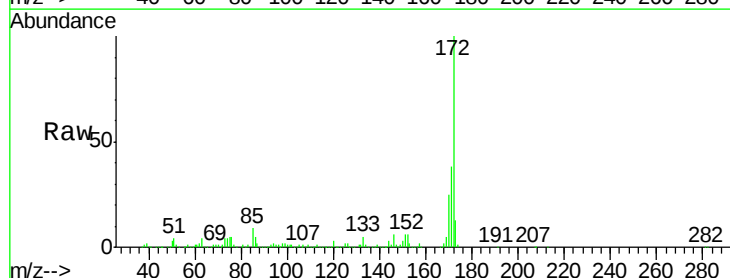


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

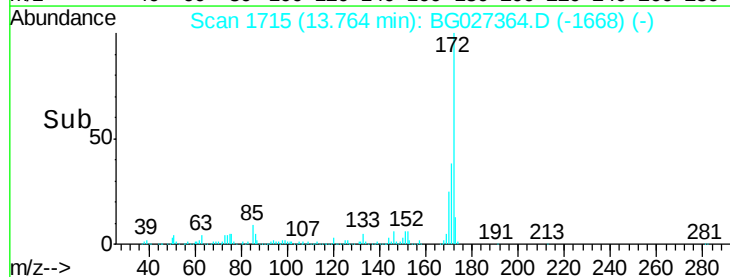
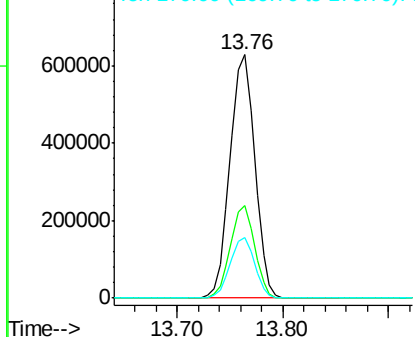


#44
 2-Fluorobiphenyl
 Concen: 178.067 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027364.D
 Acq: 10 Jun 2017 2:02

Tgt Ion:172 Resp: 1021721
 Ion Ratio Lower Upper
 172 100
 171 37.9 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

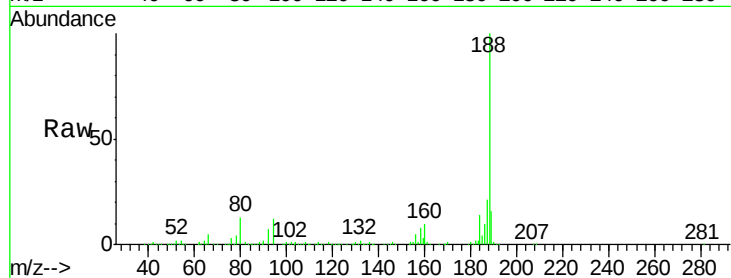




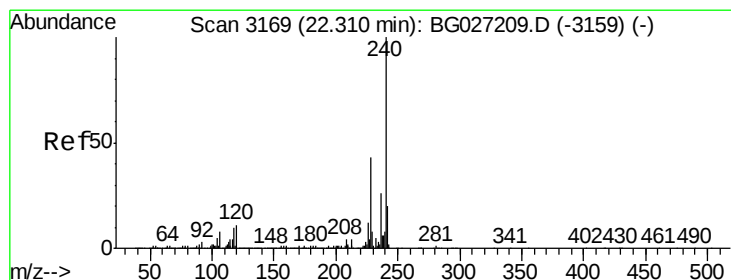
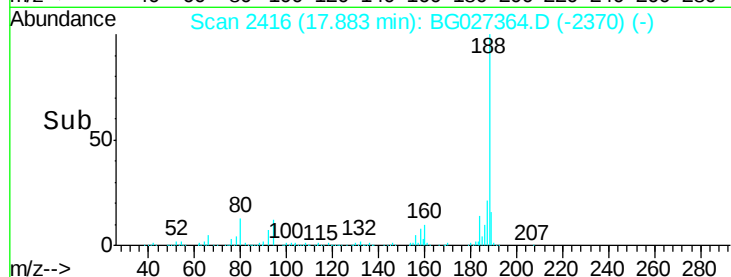
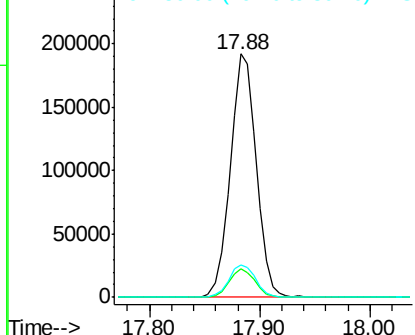
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027364.D
Acq: 10 Jun 2017 2:02

Instrument :
BNA_G
ClientSampleId :
HR-06-060817-B

Tgt Ion:188 Resp: 316443
Ion Ratio Lower Upper
188 100
94 11.5 5.8 8.8#
80 13.4 7.5 11.3#

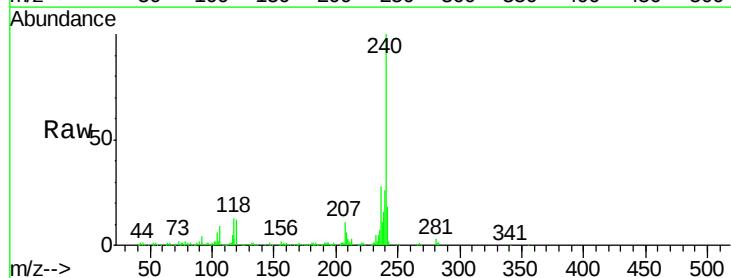


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

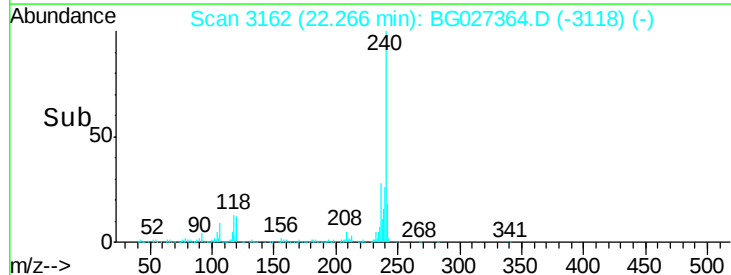
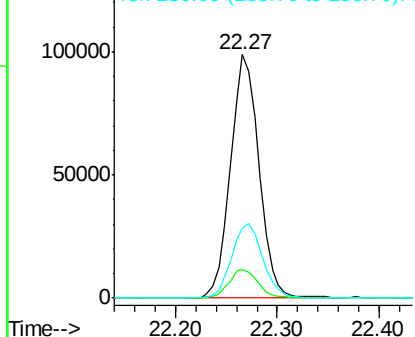


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.04 min
Lab File: BG027364.D
Acq: 10 Jun 2017 2:02

Tgt Ion:240 Resp: 193183
Ion Ratio Lower Upper
240 100
120 11.9 5.7 8.5#
236 28.5 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: 184.295 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027364.D

Acq: 10 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

HR-06-060817-B

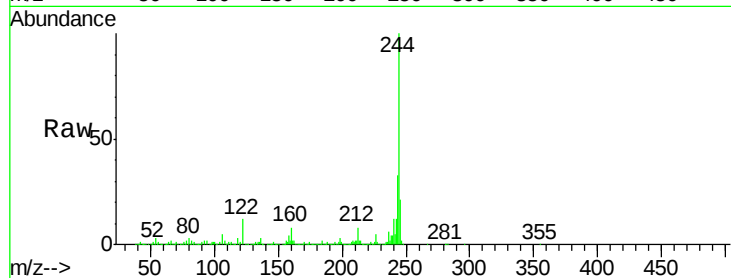
Tgt Ion:244 Resp: 1395636

Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

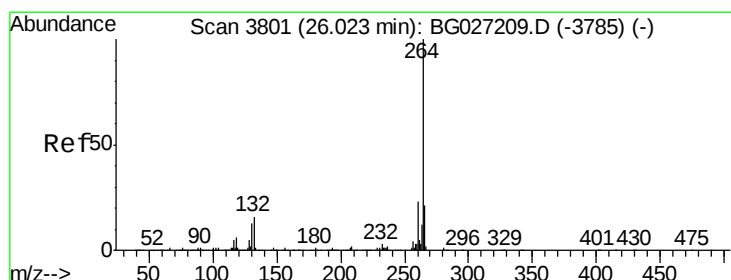
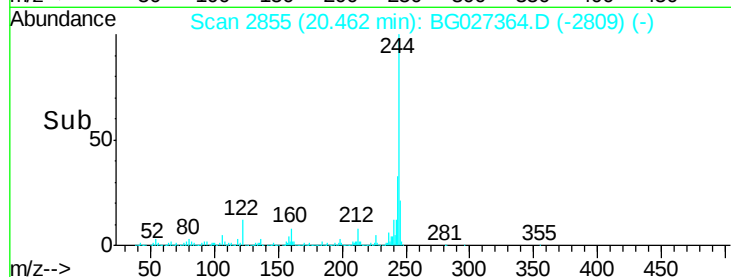
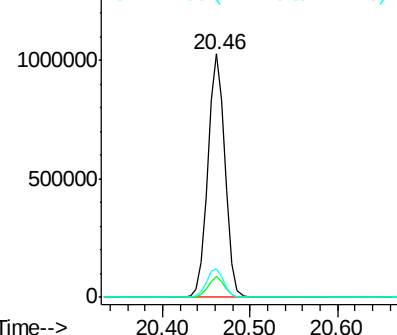
122 11.9 8.6 12.8



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: 25.96 min Scan# 3790

Delta R.T. -0.07 min

Lab File: BG027364.D

Acq: 10 Jun 2017 2:02

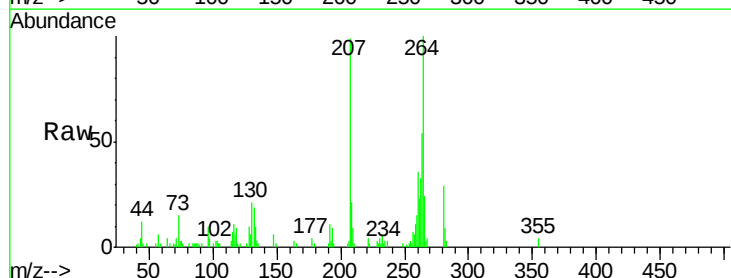
Tgt Ion:264 Resp: 42114

Ion Ratio Lower Upper

264 100

260 36.5 21.8 32.8#

265 23.8 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

