

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027275.D
 Acq On : 7 Jun 2017 9:30
 Operator : SJ/MA
 Sample : I3478-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 337-COMP

Quant Time: Jun 07 12:53:54 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

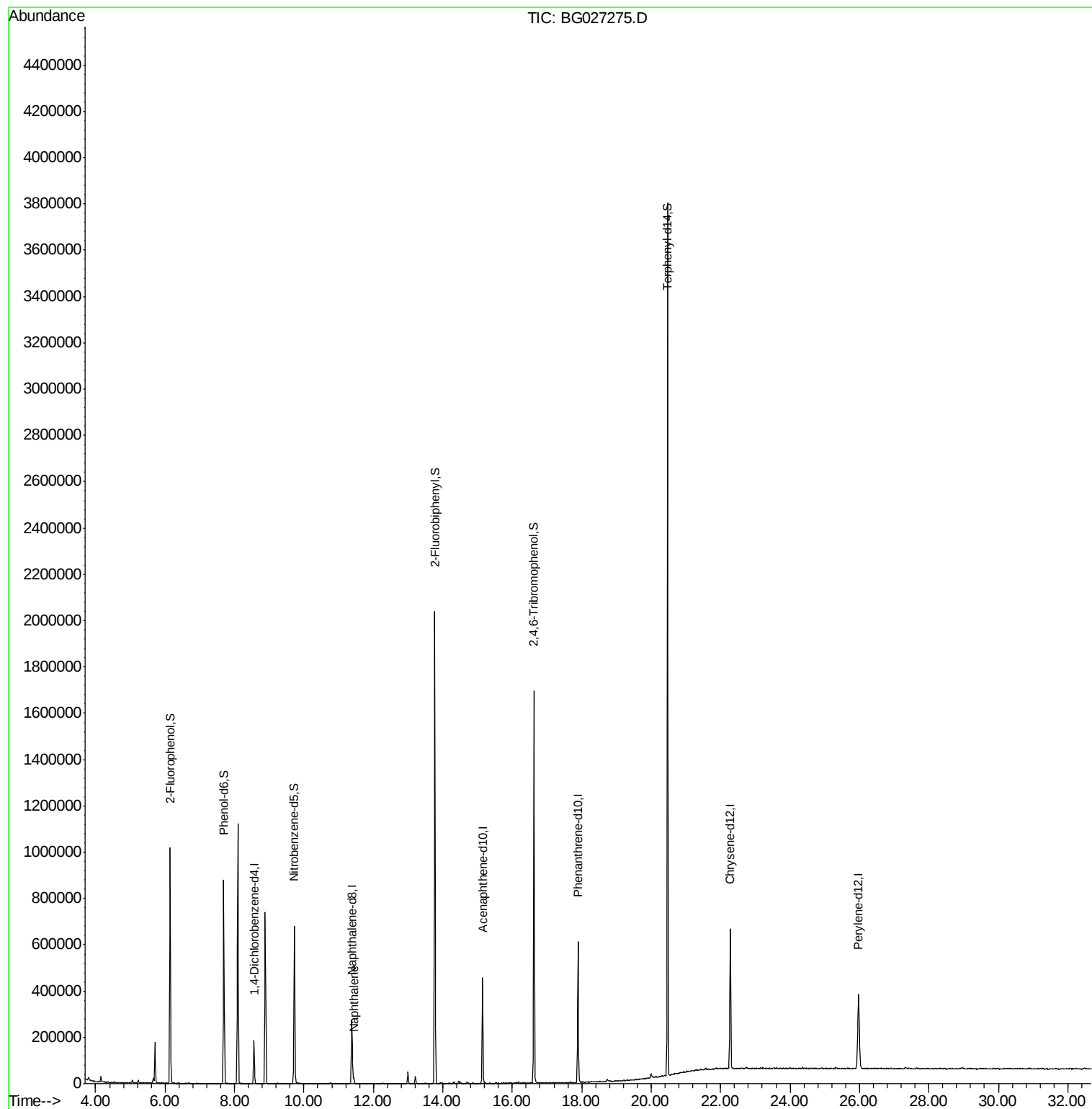
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	53308	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	252722	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	164941	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	388655	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	424385	20.00	ng	-0.03
86) Perylene-d12	25.97	264	396084	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	482969	138.25	ng	-0.01
7) Phenol-d6	7.69	99	584391	113.96	ng	-0.01
23) Nitrobenzene-d5	9.72	82	445168	110.78	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	356912	164.33	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1104044	93.64	ng	-0.02
78) Terphenyl-d14	20.47	244	1714773	103.08	ng	-0.02
Target Compounds						
31) Naphthalene	11.43	128	27737	2.008	ng	Qvalue 97

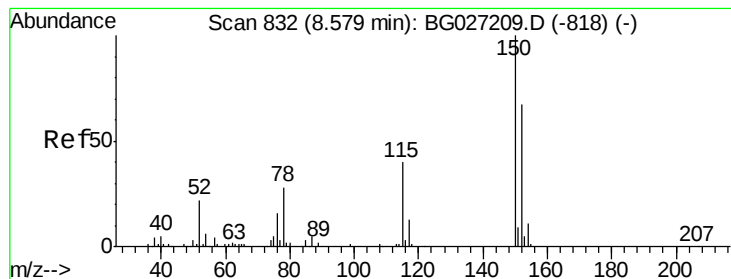
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027275.D

Acq: 7 Jun 2017 9:30

Instrument :

BNA_G

ClientSampleId :

337-COMP

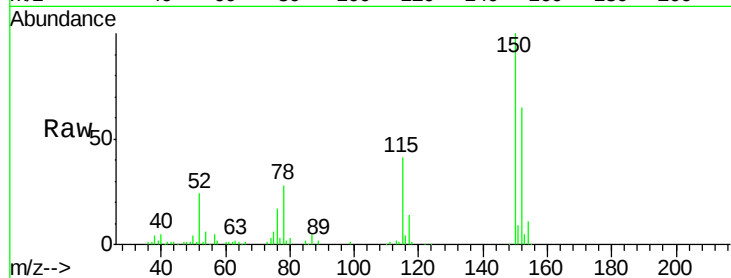
Tgt Ion:152 Resp: 53308

Ion Ratio Lower Upper

152 100

150 154.5 114.0 171.0

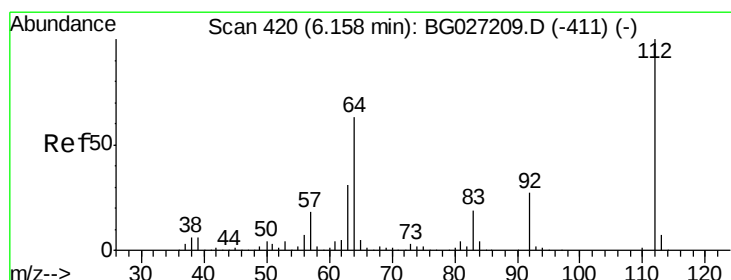
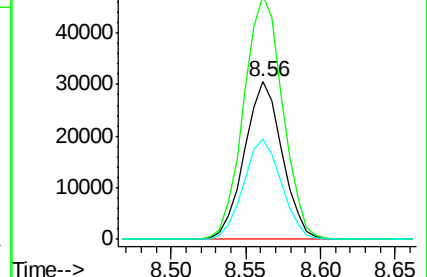
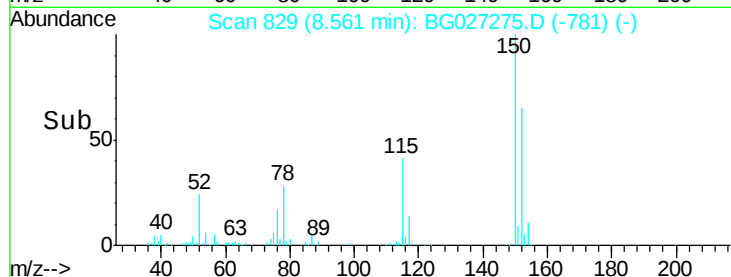
115 63.7 48.1 72.1



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: 138.252 ng

RT: 6.15 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027275.D

Acq: 7 Jun 2017 9:30

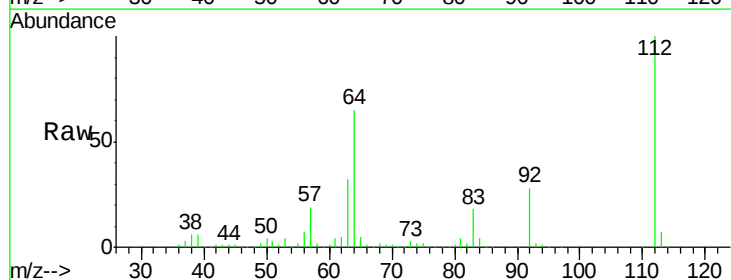
Tgt Ion:112 Resp: 482969

Ion Ratio Lower Upper

112 100

64 65.2 61.8 92.6

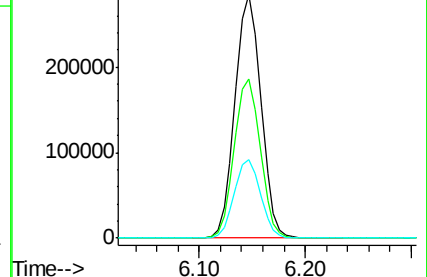
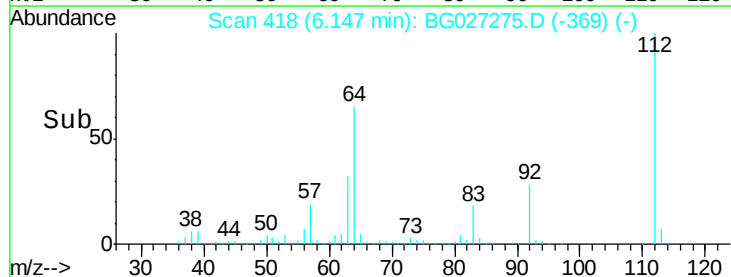
63 32.1 37.2 55.8#

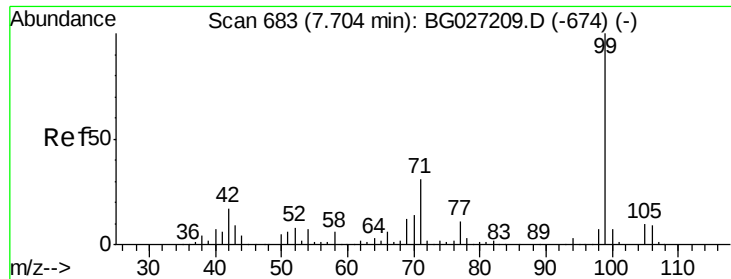


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.962 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027275.D

Acq: 7 Jun 2017 9:30

Instrument :

BNA_G

ClientSampleId :

337-COMP

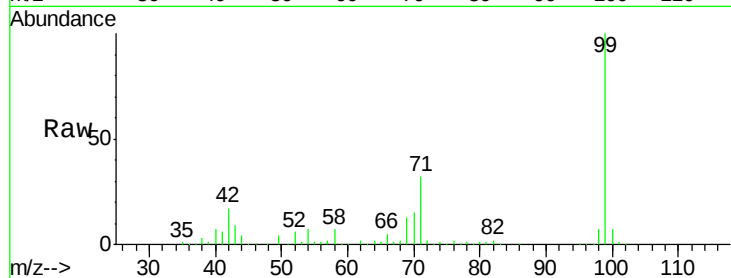
Tgt Ion: 99 Resp: 584391

Ion Ratio Lower Upper

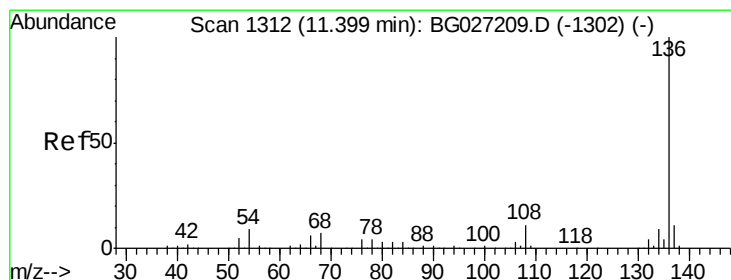
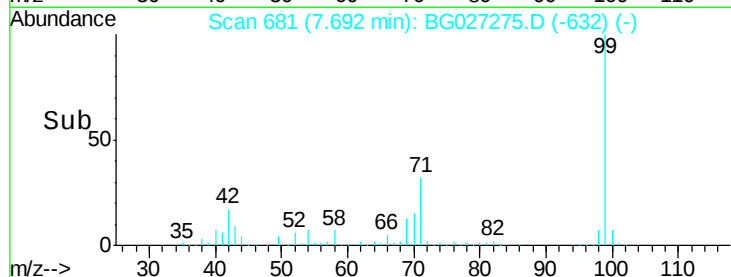
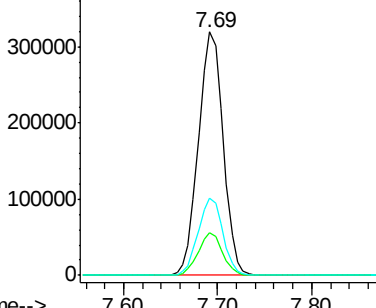
99 100

42 17.3 20.5 30.7#

71 31.6 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: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027275.D

Acq: 7 Jun 2017 9:30

Tgt Ion: 136 Resp: 252722

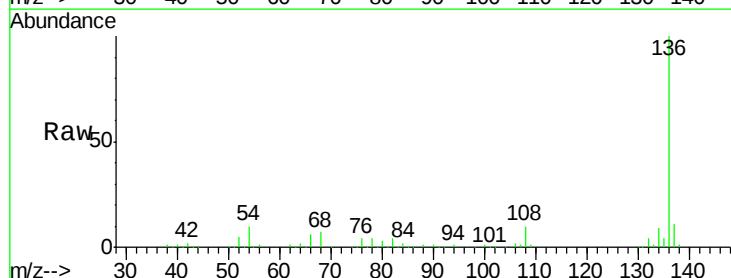
Ion Ratio Lower Upper

136 100

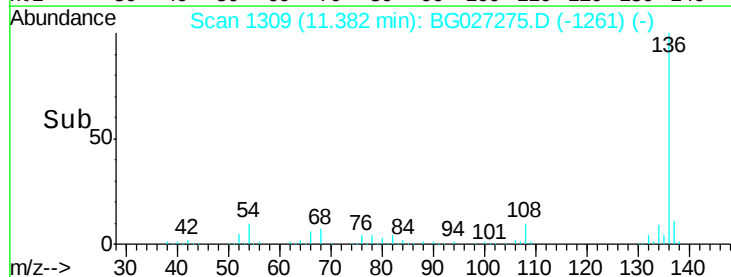
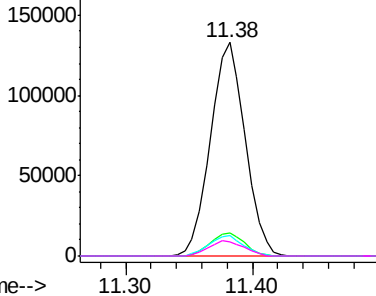
137 10.8 8.9 13.3

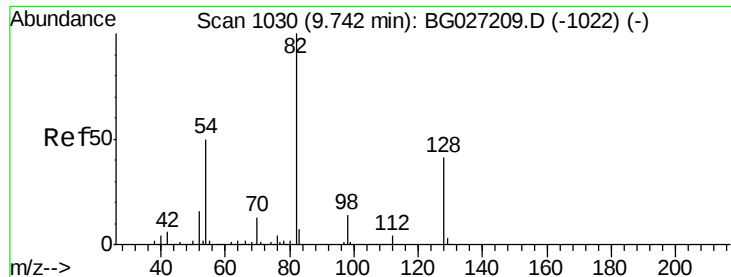
54 9.5 9.3 13.9

68 6.6 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

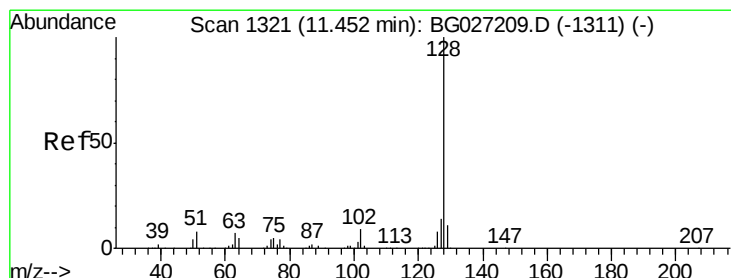
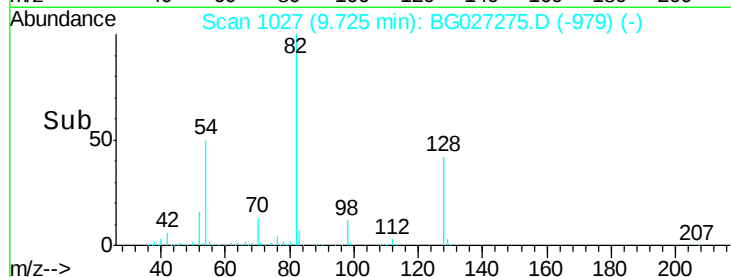
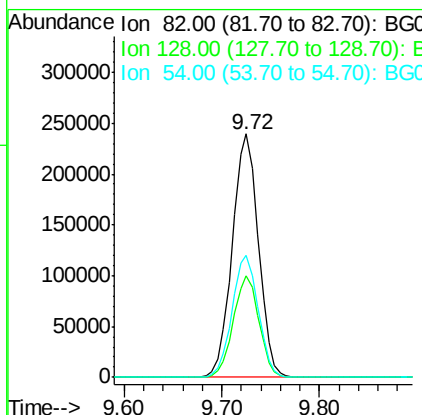
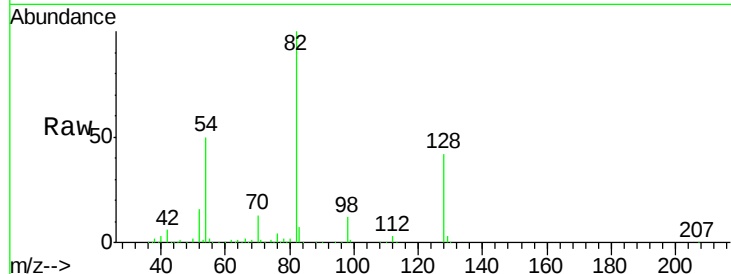




#23
 Nitrobenzene-d5
 Concen: 110.780 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027275.D
 Acq: 7 Jun 2017 9:30

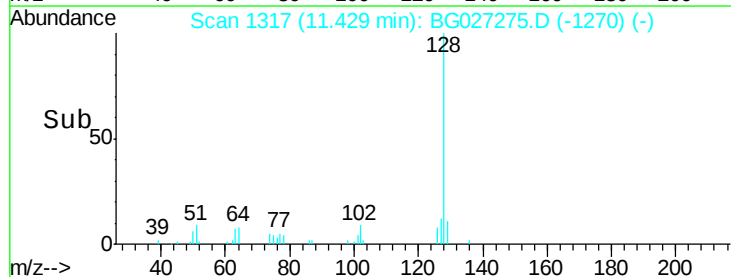
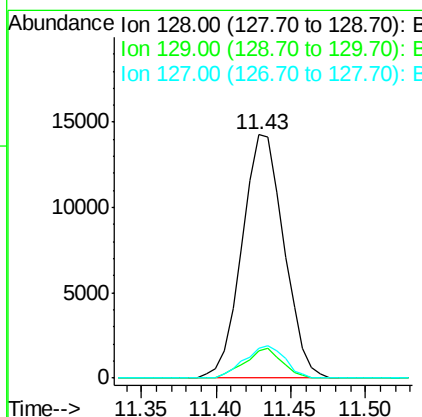
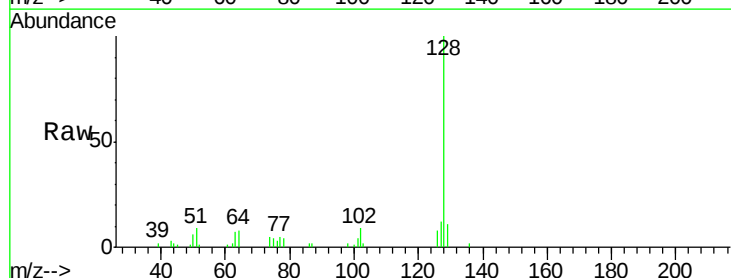
Instrument :
 BNA_G
 ClientSampleId :
 337-COMP

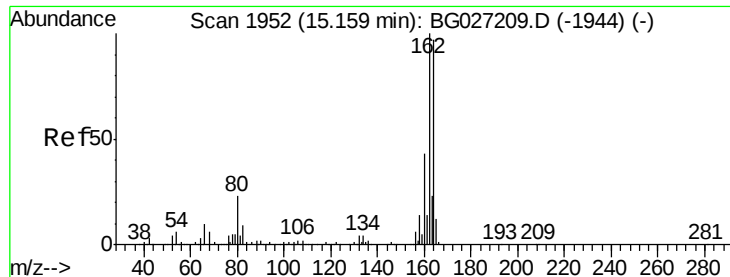
Tgt Ion: 82 Resp: 445168
 Ion Ratio Lower Upper
 82 100
 128 42.0 26.4 39.6#
 54 49.9 49.4 74.2



#31
 Naphthalene
 Concen: 2.008 ng
 RT: 11.43 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG027275.D
 Acq: 7 Jun 2017 9:30

Tgt Ion: 128 Resp: 27737
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.3 13.9
 127 12.2 11.4 17.0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.14 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG027275.D

Acq: 7 Jun 2017 9:30

Instrument :

BNA_G

ClientSampleId :

337-COMP

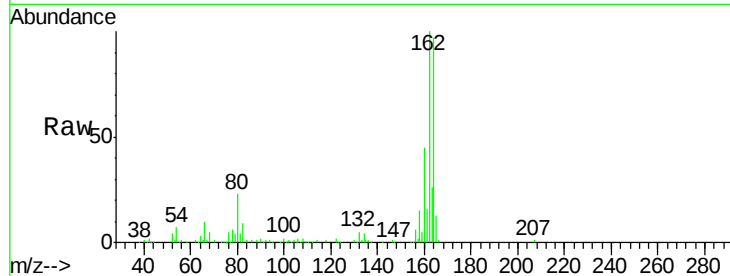
Tgt Ion:164 Resp: 164941

Ion Ratio Lower Upper

164 100

162 102.6 85.1 127.7

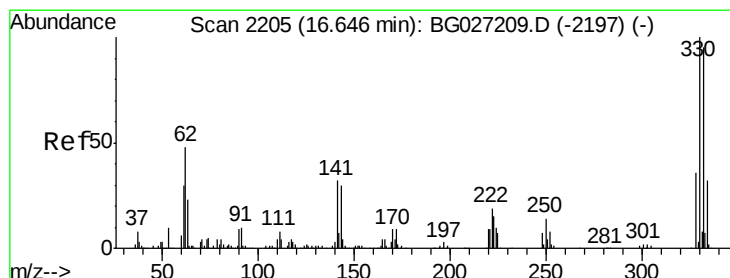
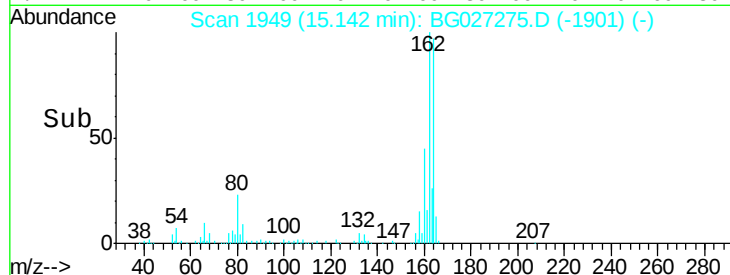
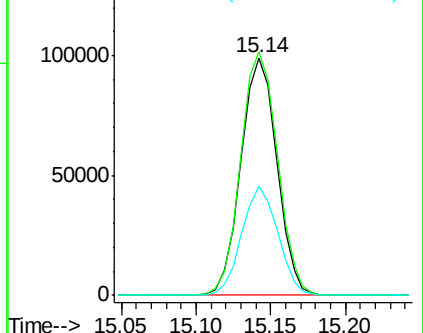
160 45.9 34.7 52.1



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: 164.325 ng

RT: 16.63 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG027275.D

Acq: 7 Jun 2017 9:30

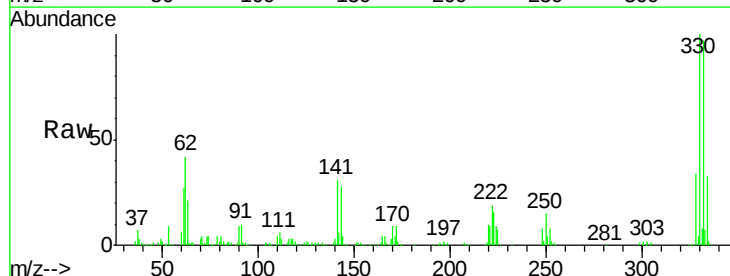
Tgt Ion:330 Resp: 356912

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

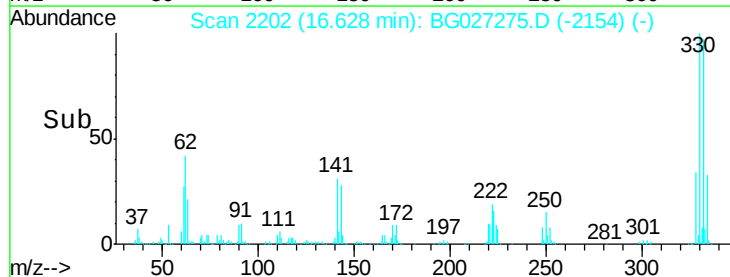
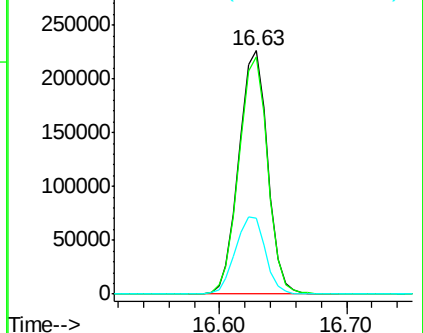
141 32.7 32.1 48.1

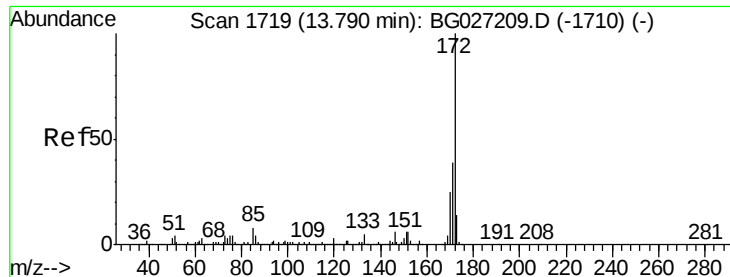


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

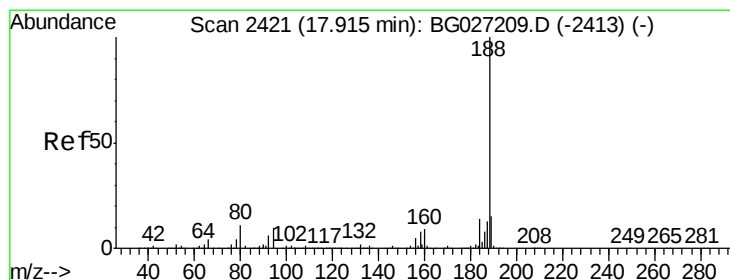
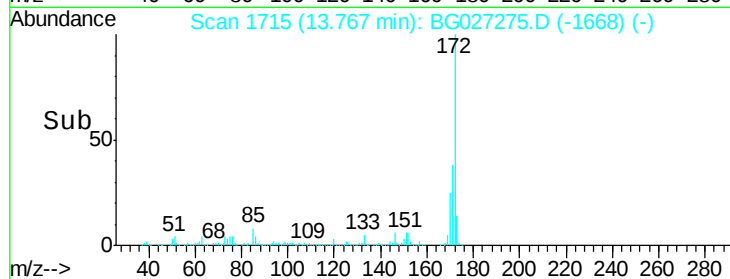
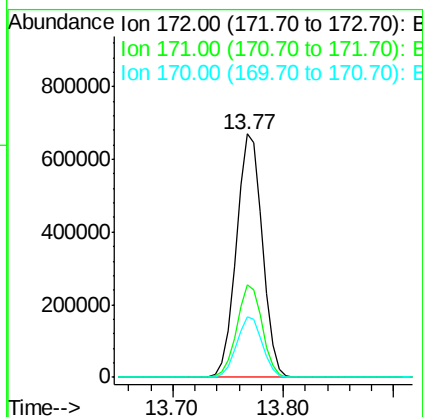
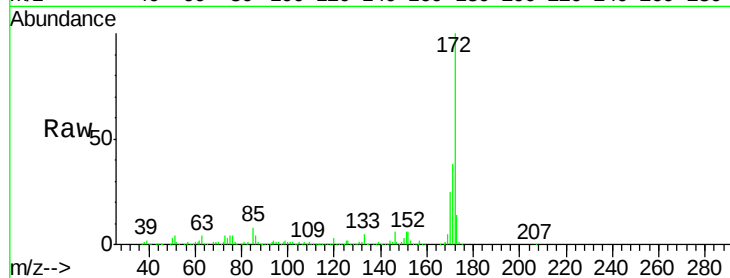




#44
2-Fluorobiphenyl
Concen: 93.641 ng
RT: 13.77 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG027275.D
Acq: 7 Jun 2017 9:30

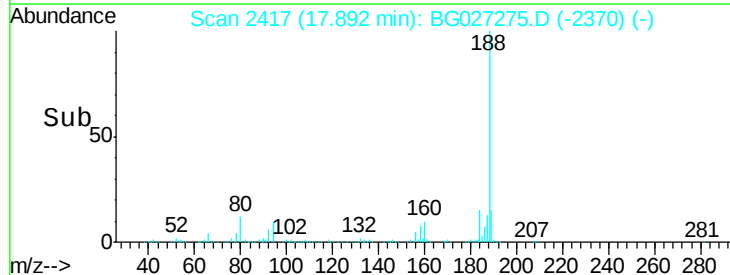
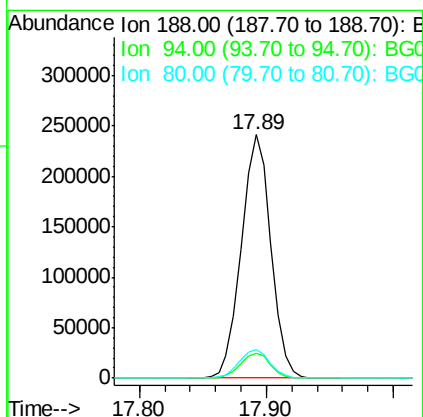
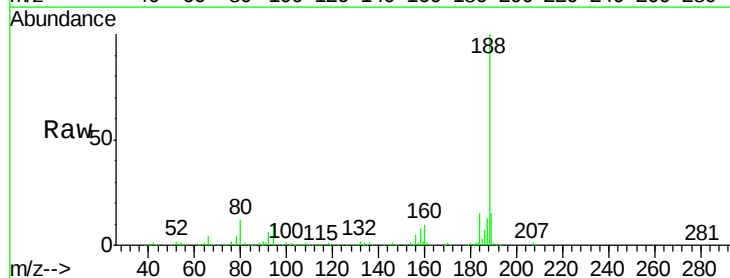
Instrument :
BNA_G
ClientSampleId :
337-COMP

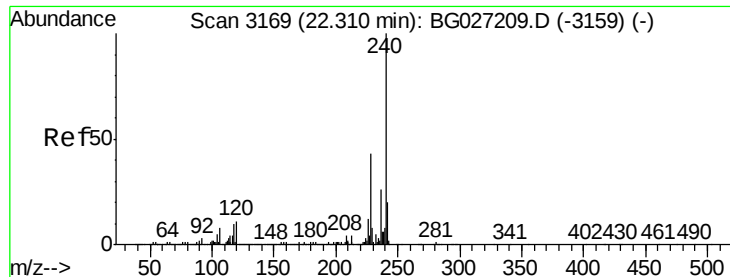
Tgt Ion:172 Resp: 1104044
Ion Ratio Lower Upper
172 100
171 38.1 32.2 48.2
170 24.8 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027275.D
Acq: 7 Jun 2017 9:30

Tgt Ion:188 Resp: 388655
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 12.0 7.5 11.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.28 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG027275.D

Acq: 7 Jun 2017 9:30

Instrument :

BNA_G

ClientSampleId :

337-COMP

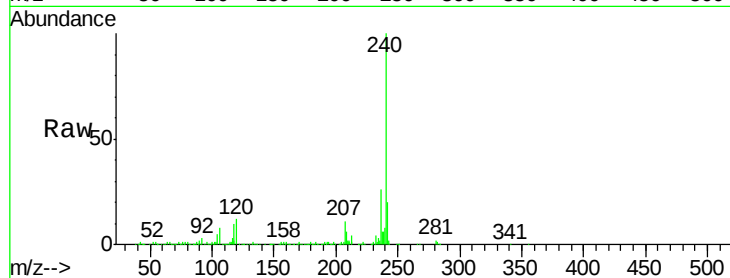
Tgt Ion:240 Resp: 424385

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

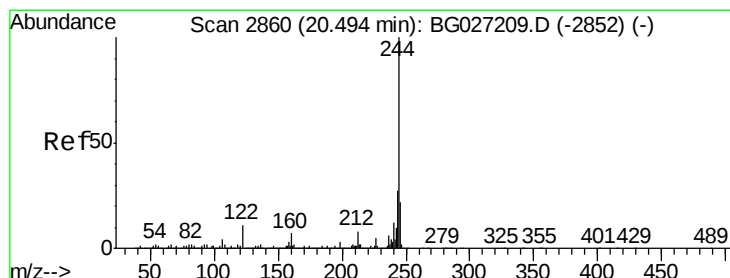
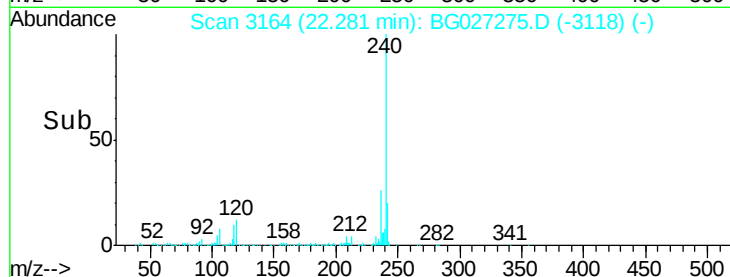
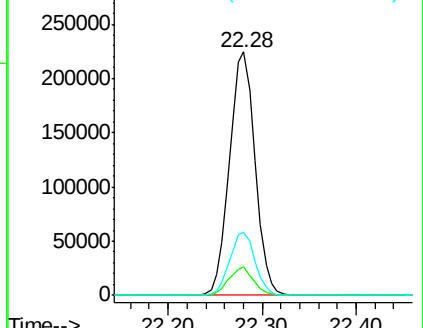
236 25.9 22.2 33.4



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: 103.076 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027275.D

Acq: 7 Jun 2017 9:30

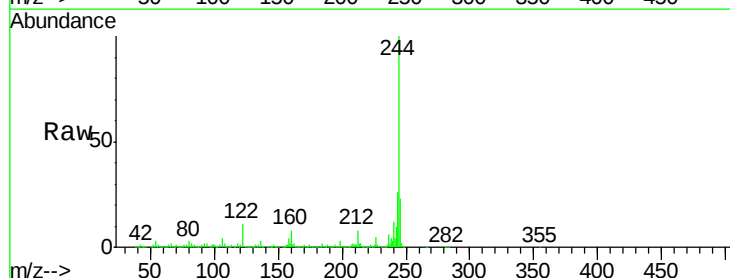
Tgt Ion:244 Resp: 1714773

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

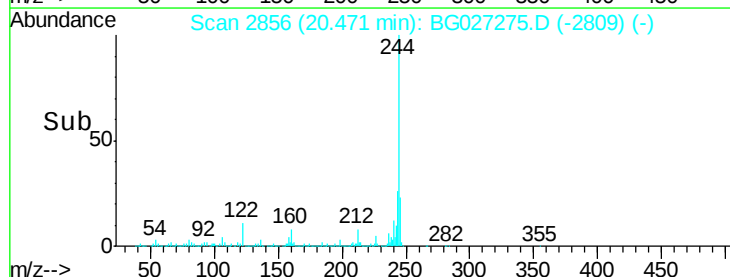
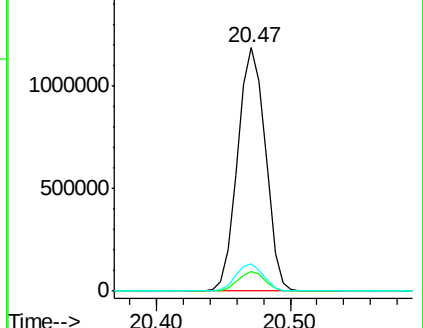
122 11.4 8.6 12.8

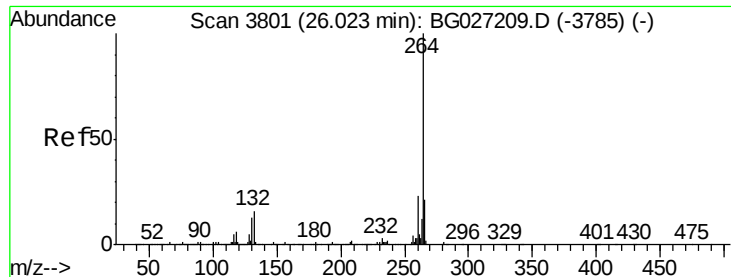


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

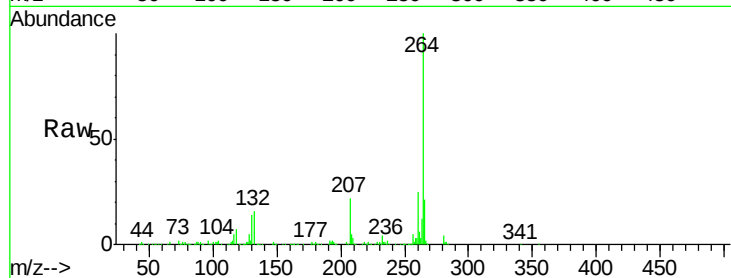




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.97 min Scan# 3792
Delta R.T. -0.05 min
Lab File: BG027275.D
Acq: 7 Jun 2017 9:30

Instrument :
BNA_G
ClientSampleId :
337-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	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

