

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027316.D
 Acq On : 8 Jun 2017 13:26
 Operator : SJ/MA
 Sample : I3473-01DL2 100X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 14:12:11 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

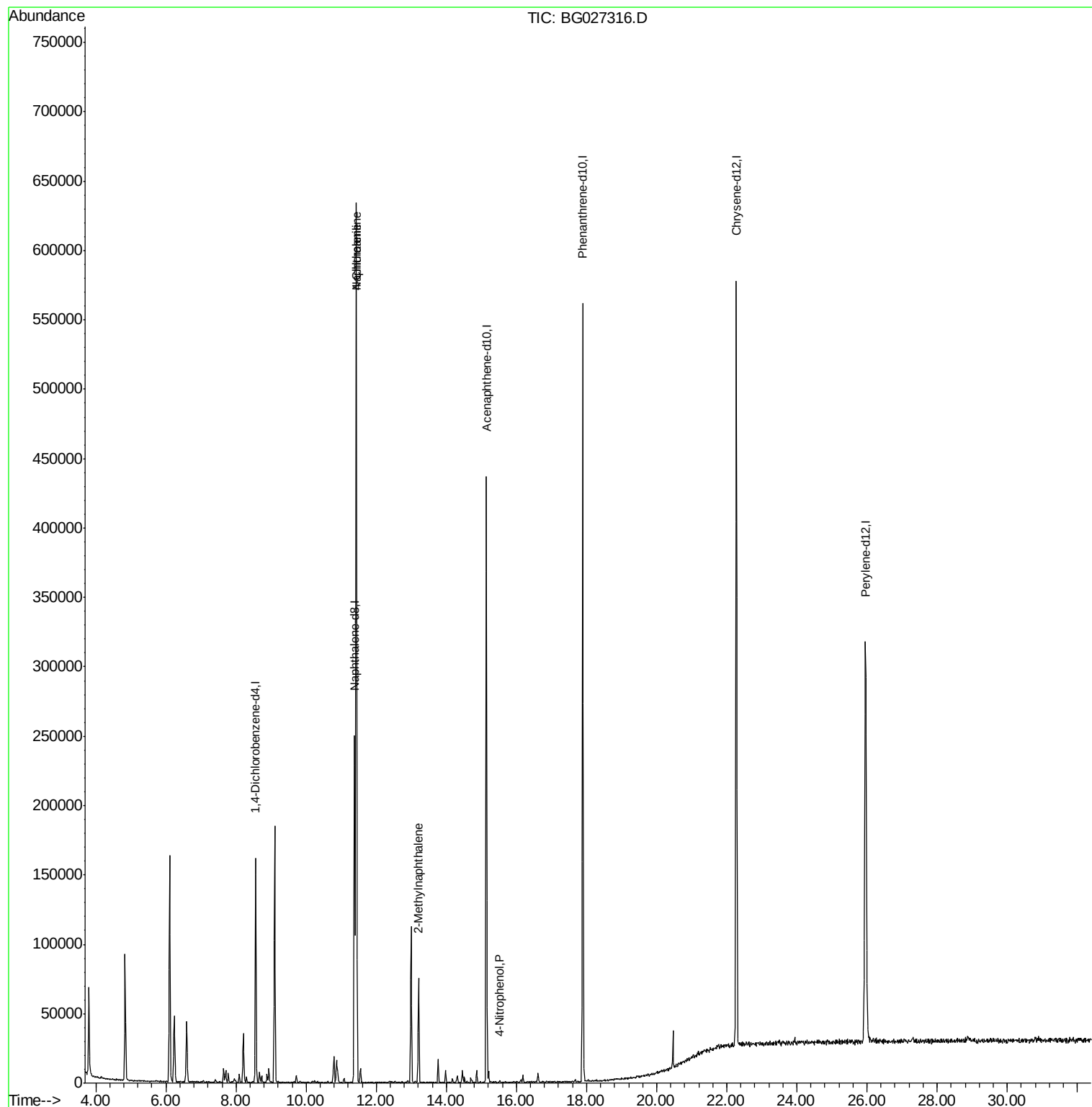
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	46662	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	224286	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	149590	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	346727	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	380605	20.00	ng	-0.04
86) Perylene-d12	25.96	264	356745	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	2075	0.68	ng	-0.01
7) Phenol-d6	7.69	99	1812	0.40	ng	-0.01
23) Nitrobenzene-d5	9.72	82	3847	1.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	1676	0.85	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	9582	0.90	ng	-0.03
78) Terphenyl-d14	20.46	244	12544	0.84	ng	-0.03
Target Compounds						
31) Naphthalene	11.43	128	559280	45.63	ng	Qvalue 99
33) 4-Chloroaniline	11.43	127	77304	15.13	ng	# 25
37) 2-Methylnaphthalene	13.21	142	37969	4.25	ng	93
55) 4-Nitrophenol	15.53	139	300	6.25	ng	# 1

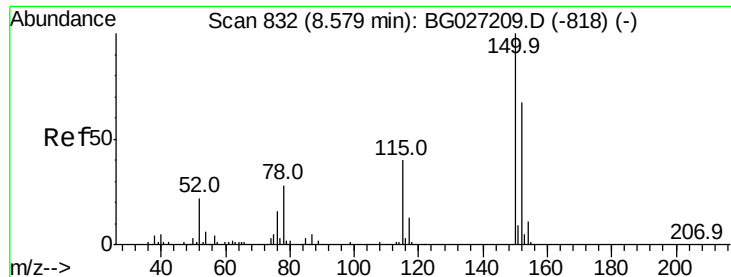
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027316.D
Acq On : 8 Jun 2017 13:26
Operator : SJ/MA
Sample : I3473-01DL2 100X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 08 14:12:11 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



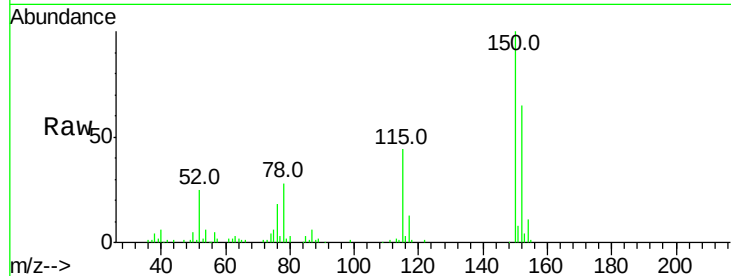


#1

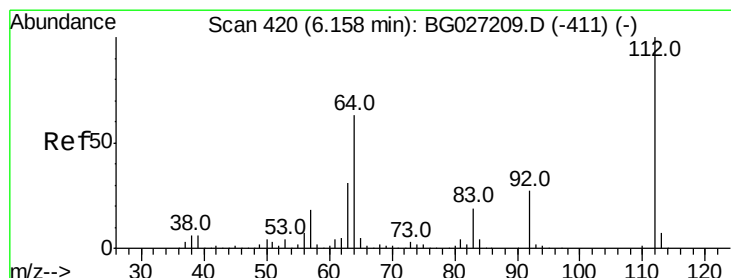
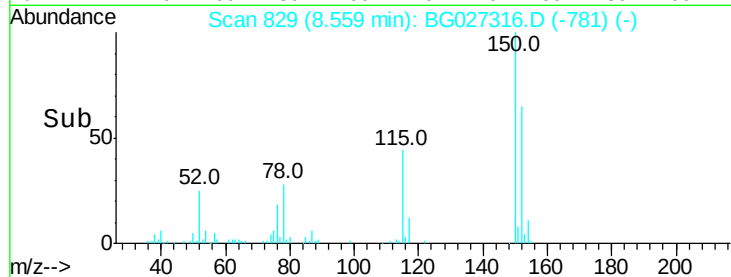
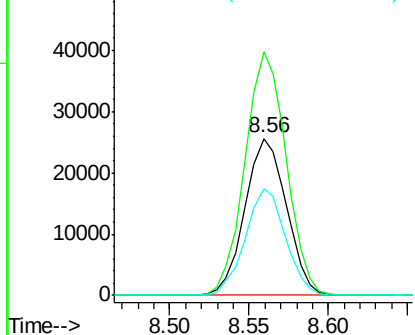
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027316.D
Acq: 8 Jun 2017 13:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 46662
Ion Ratio Lower Upper
152 100
150 155.0 114.0 171.0
115 67.6 48.1 72.1



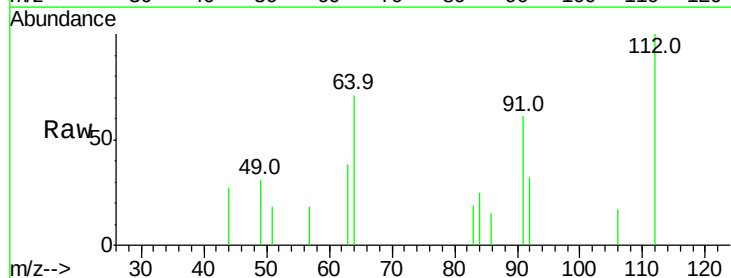
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



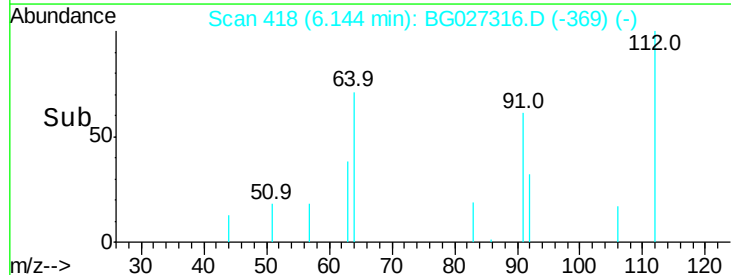
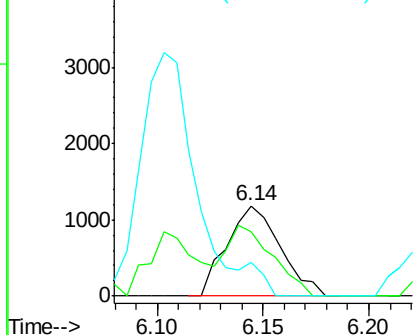
#5

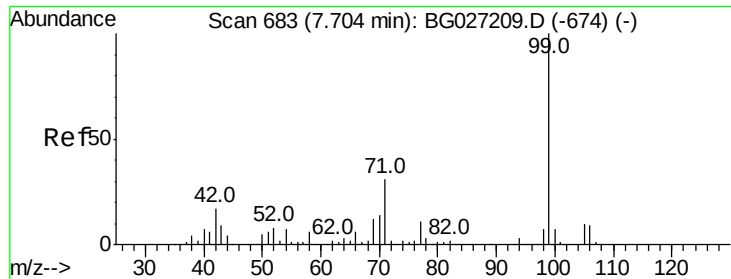
2-Fluorophenol
Concen: 0.68 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027316.D
Acq: 8 Jun 2017 13:26

Tgt Ion:112 Resp: 2075
Ion Ratio Lower Upper
112 100
64 70.9 61.8 92.6
63 38.0 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGO
Ion 63.00 (62.70 to 63.70): BGO





#7

Phenol-d6

Concen: 0.40 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027316.D

Acq: 8 Jun 2017 13:26

Instrument :

BNA_G

ClientSampled :

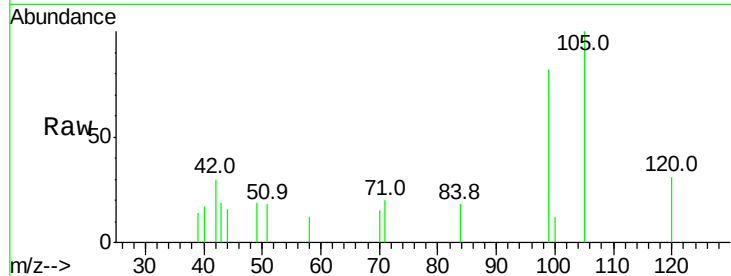
Tot Ion: 99 Resp: 1812

Ion Ratio Lower Upper

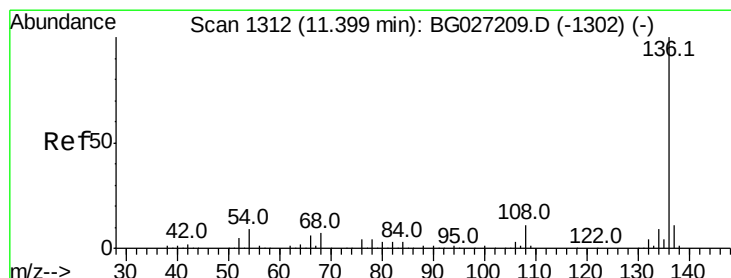
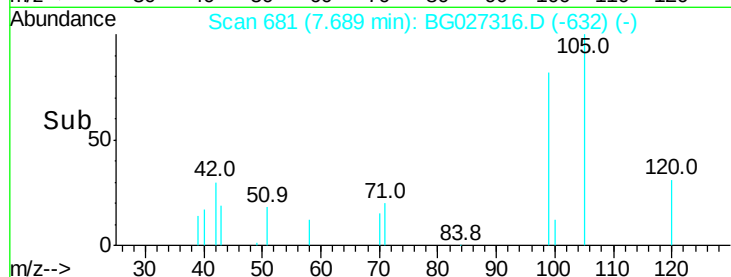
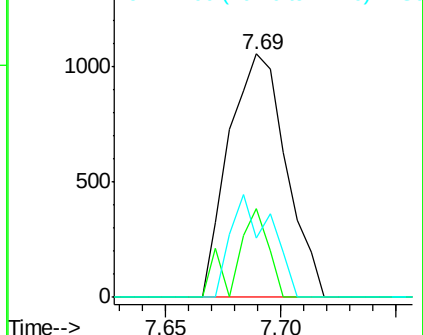
99 100

42 36.6 20.5 30.7#

71 24.4 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: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027316.D

Acq: 8 Jun 2017 13:26

Tgt Ion: 136 Resp: 224286

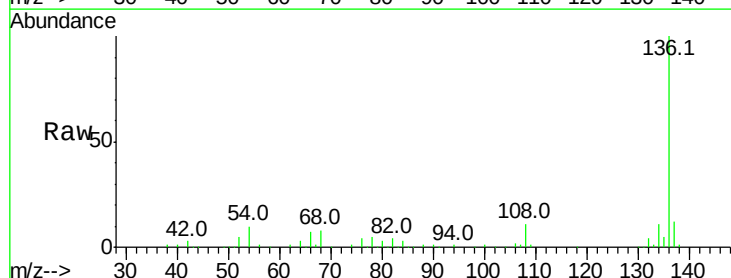
Ion Ratio Lower Upper

136 100

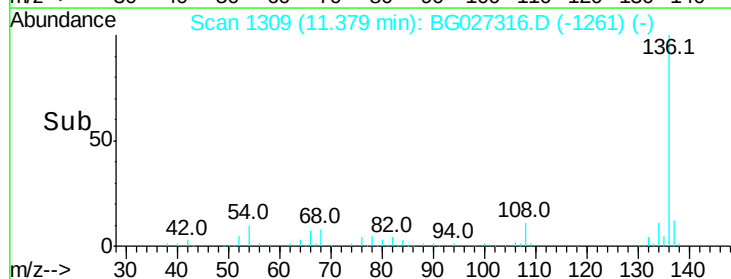
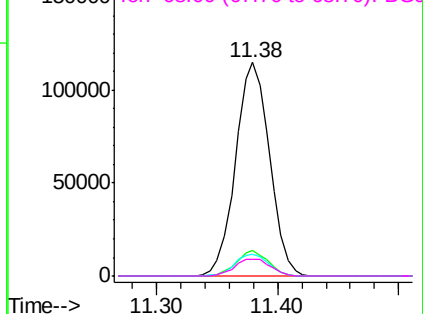
137 12.1 8.9 13.3

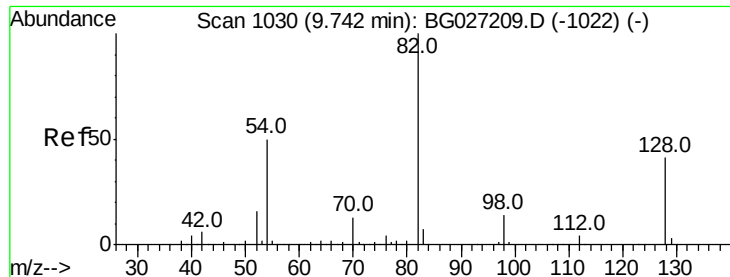
54 10.5 9.3 13.9

68 7.9 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

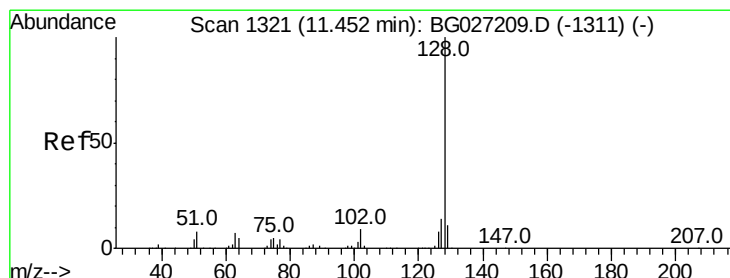
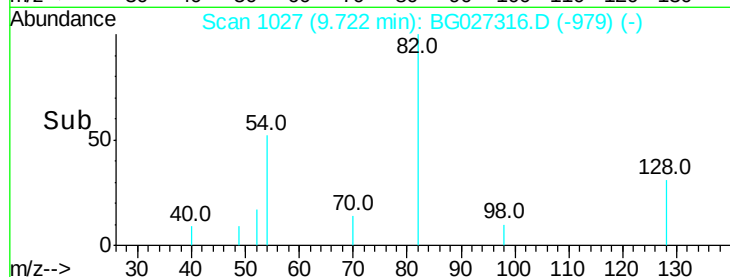
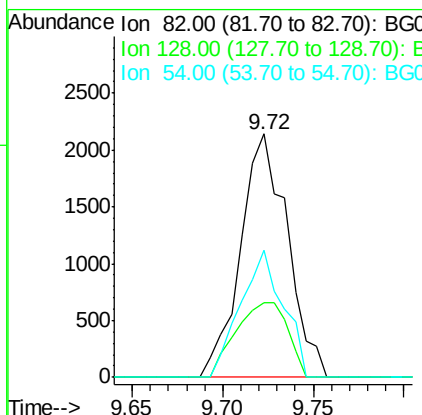
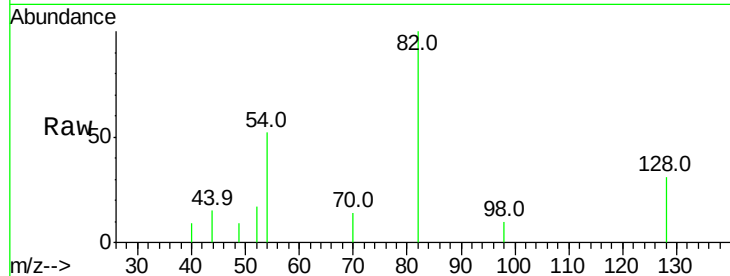




#23
 Nitrobenzene-d5
 Concen: 1.08 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027316.D
 Acq: 8 Jun 2017 13:26

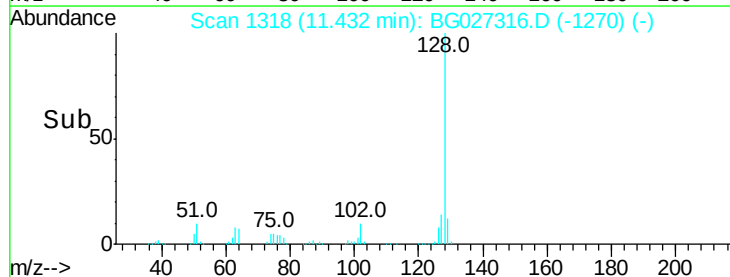
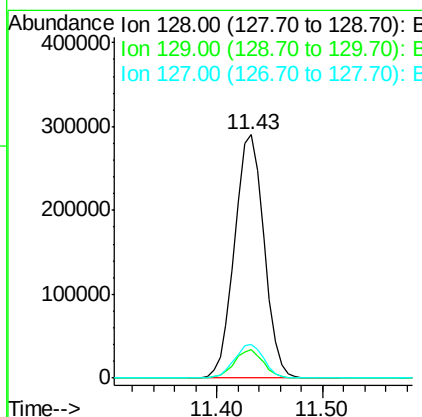
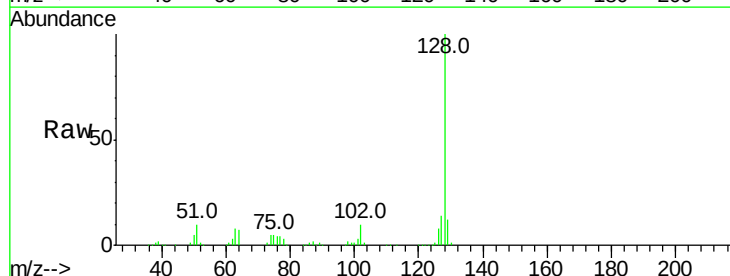
Instrument :
 BNA_G
 ClientSampled :

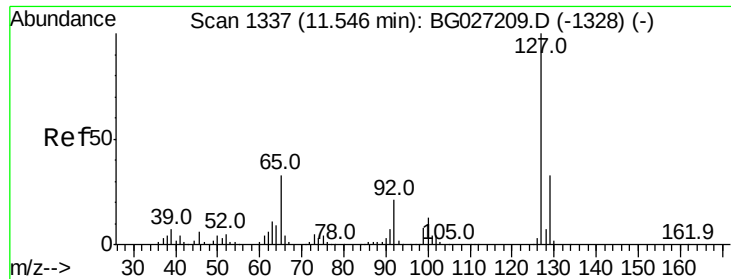
Tot Ion: 82 Resp: 3847
 Ion Ratio Lower Upper
 82 100
 128 30.7 26.4 39.6
 54 52.4 49.4 74.2



#31
 Naphthalene
 Concen: 45.63 ng
 RT: 11.43 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BG027316.D
 Acq: 8 Jun 2017 13:26

Tgt Ion: 128 Resp: 559280
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.3 13.9
 127 13.8 11.4 17.0

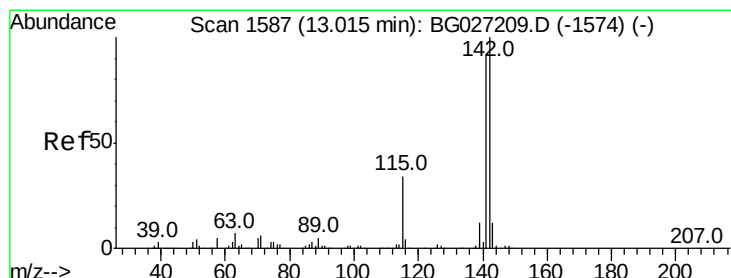
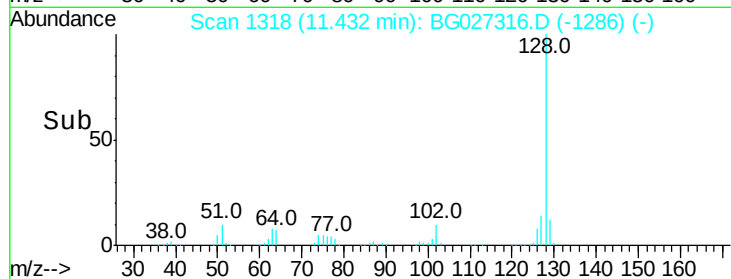
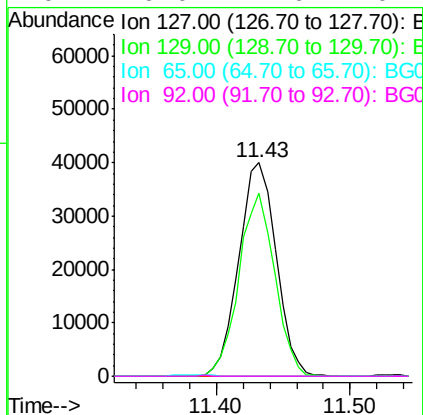
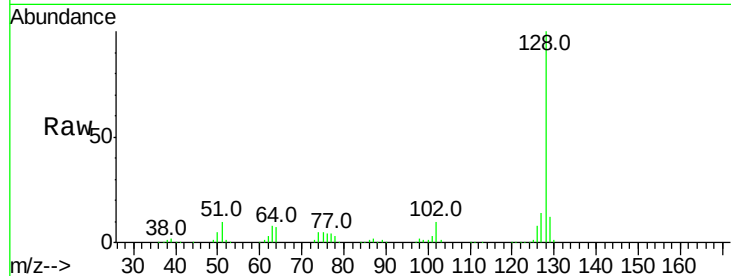




#33
4-Chloroaniline
Concen: 15.13 ng
RT: 11.43 min Scan# 1318
Delta R.T. -0.11 min
Lab File: BG027316.D
Acq: 8 Jun 2017 13:26

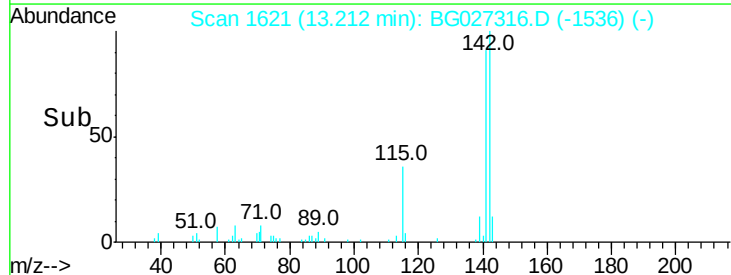
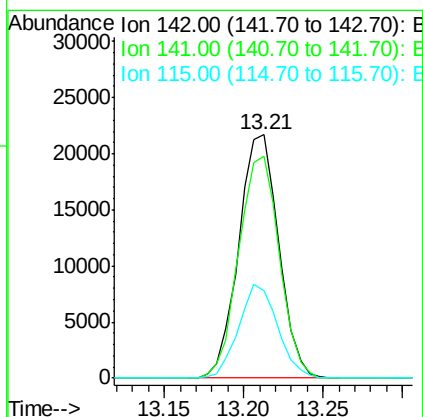
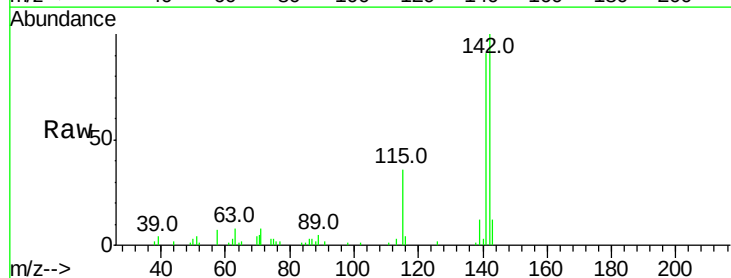
Instrument :
BNA_G
ClientSampleId :

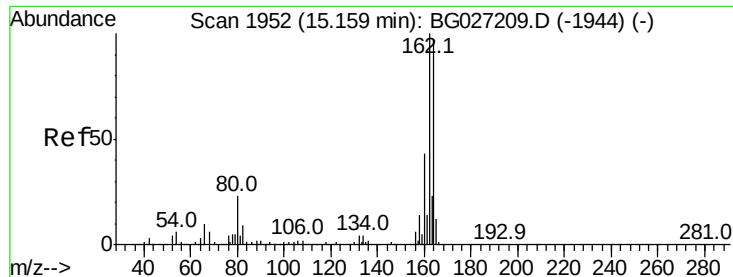
Tot Ion:127 Resp: 77304
Ion Ratio Lower Upper
127 100
129 86.0 23.6 35.4#
65 0.0 37.7 56.5#
92 0.0 17.6 26.4#



#37
2-Methylnaphthalene
Concen: 4.25 ng
RT: 13.21 min Scan# 1621
Delta R.T. 0.20 min
Lab File: BG027316.D
Acq: 8 Jun 2017 13:26

Tgt Ion:142 Resp: 37969
Ion Ratio Lower Upper
142 100
141 91.3 70.4 105.6
115 36.0 35.5 53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.14 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG027316.D

Acq: 8 Jun 2017 13:26

Instrument :

BNA_G

ClientSampleId :

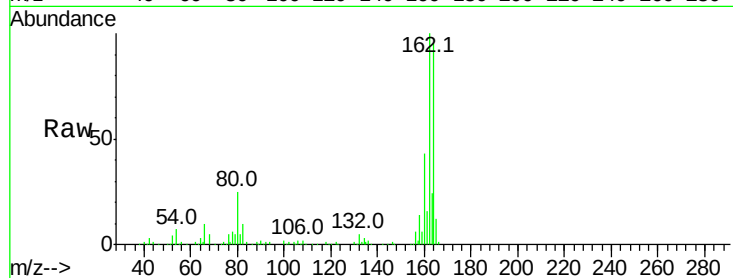
Tot Ion:164 Resp: 149590

Ion Ratio Lower Upper

164 100

162 104.8 85.1 127.7

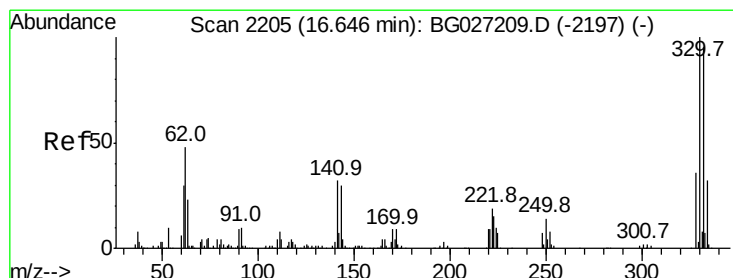
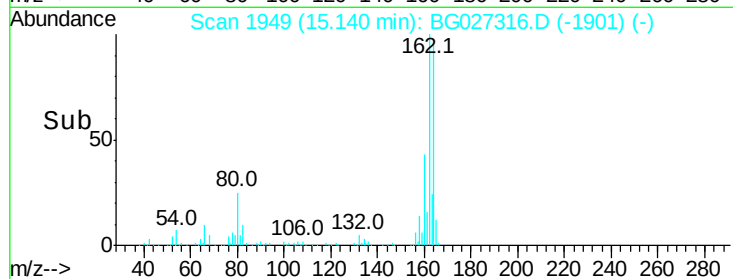
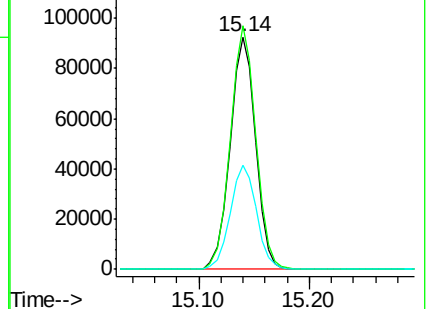
160 44.9 34.7 52.1



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: 0.85 ng

RT: 16.62 min Scan# 2201

Delta R.T. -0.03 min

Lab File: BG027316.D

Acq: 8 Jun 2017 13:26

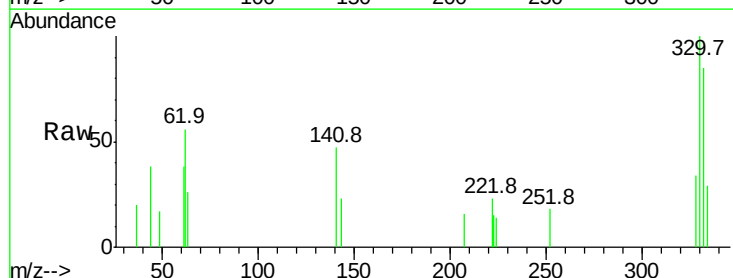
Tgt Ion:330 Resp: 1676

Ion Ratio Lower Upper

330 100

332 105.3 77.3 115.9

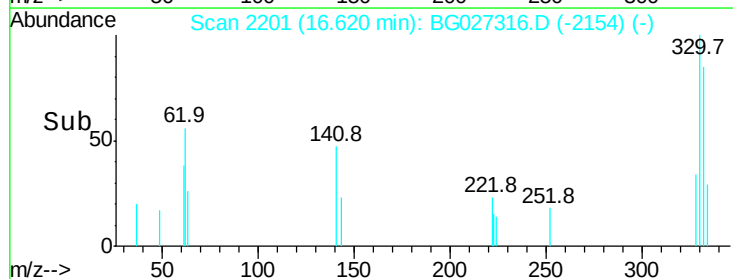
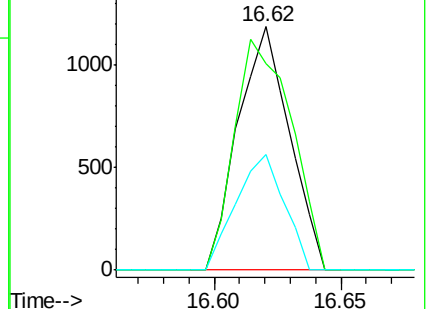
141 44.6 32.1 48.1

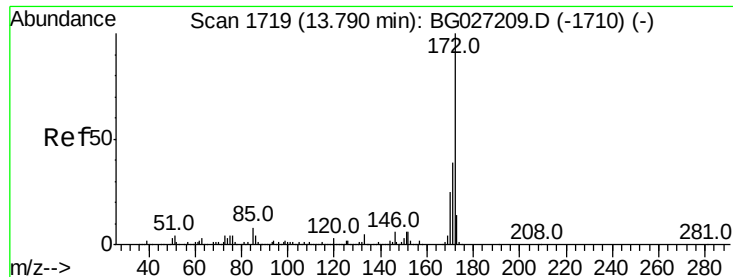


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

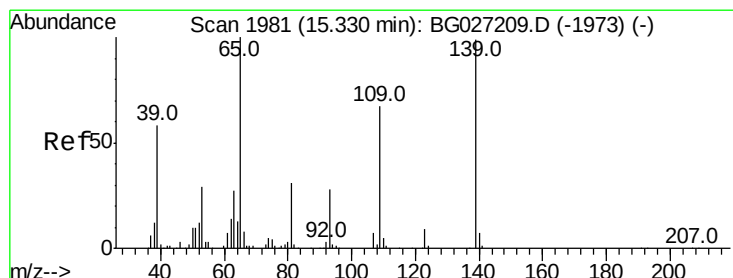
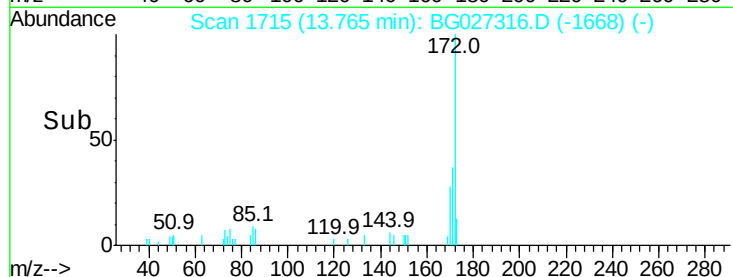
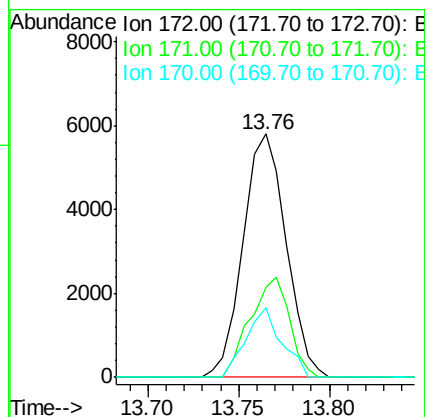
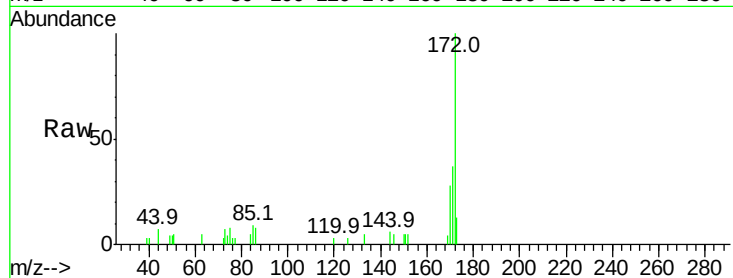




#44
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 13.76 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BG027316.D
Acq: 8 Jun 2017 13:26

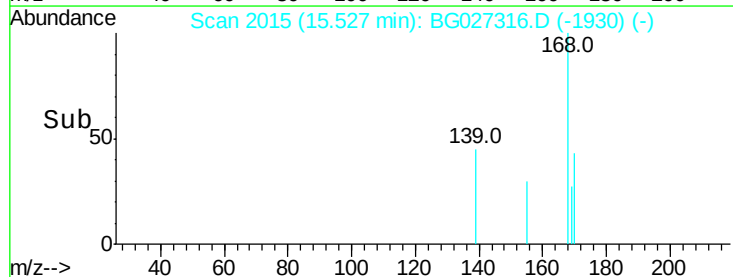
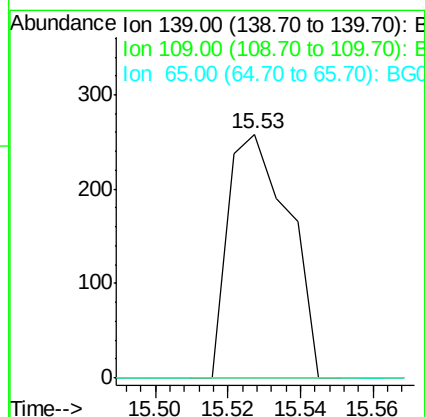
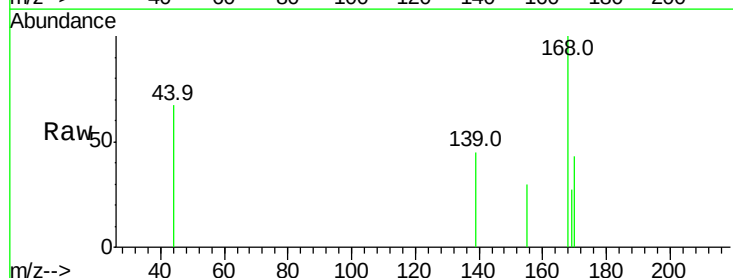
Instrument :
BNA_G
ClientSampleId :

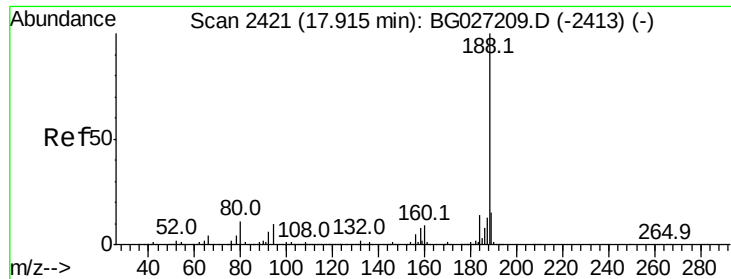
Tot Ion:172 Resp: 9582
Ion Ratio Lower Upper
172 100
171 37.2 32.2 48.2
170 28.4 21.8 32.6



#55
4-Nitrophenol
Concen: 6.25 ng
RT: 15.53 min Scan# 2015
Delta R.T. 0.20 min
Lab File: BG027316.D
Acq: 8 Jun 2017 13:26

Tgt Ion:139 Resp: 300
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#

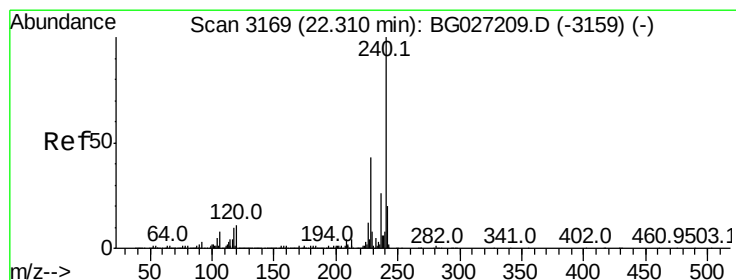
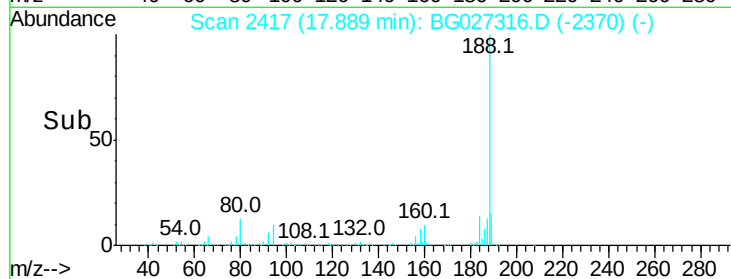
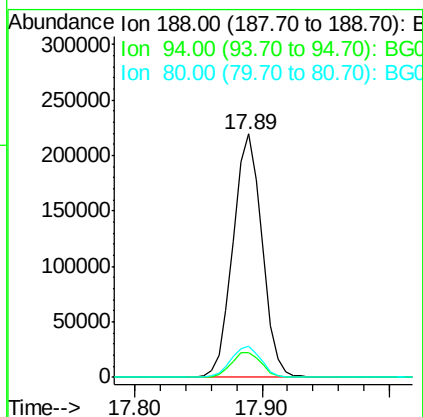
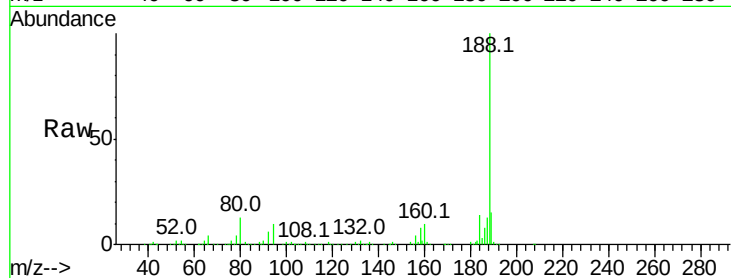




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027316.D
Acq: 8 Jun 2017 13:26

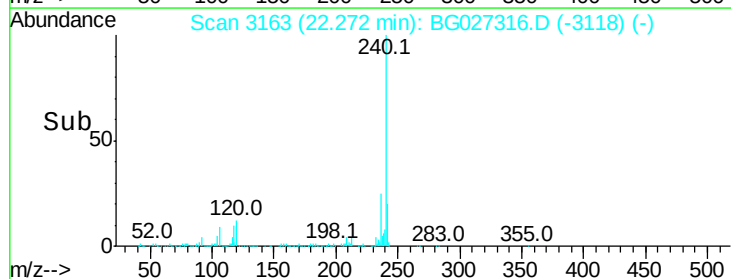
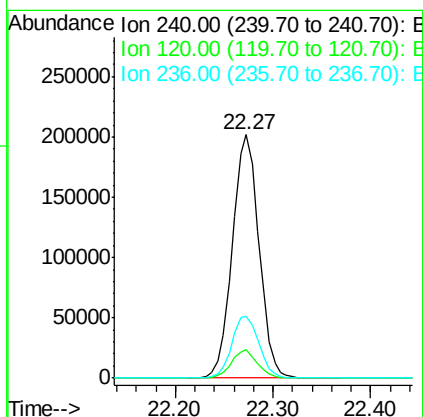
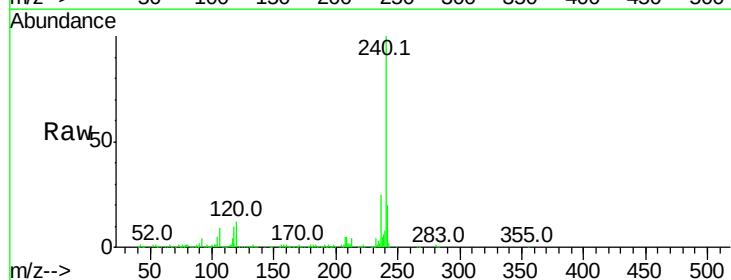
Instrument :
BNA_G
ClientSampled :

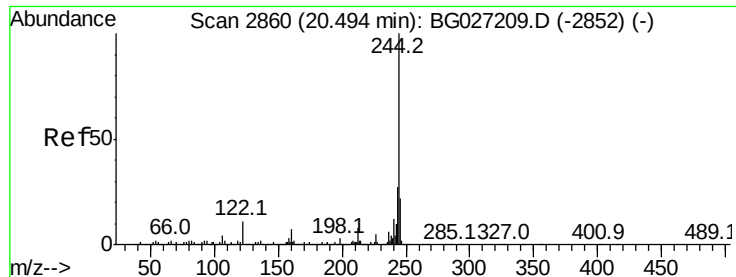
Tot Ion:188 Resp: 346727
Ion Ratio Lower Upper
188 100
94 10.4 5.8 8.8#
80 12.9 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027316.D
Acq: 8 Jun 2017 13:26

Tgt Ion:240 Resp: 380605
Ion Ratio Lower Upper
240 100
120 11.9 5.7 8.5#
236 25.4 22.2 33.4





#78

Terphenyl-d14

Concen: 0.84 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027316.D

Acq: 8 Jun 2017 13:26

Instrument :

BNA_G

ClientSampleId :

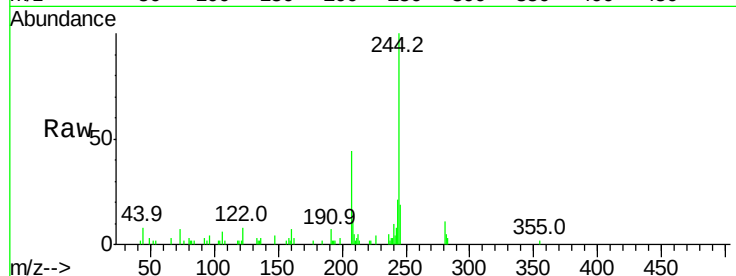
Tot Ion:244 Resp: 12544

Ion Ratio Lower Upper

244 100

212 5.3 10.0 15.0#

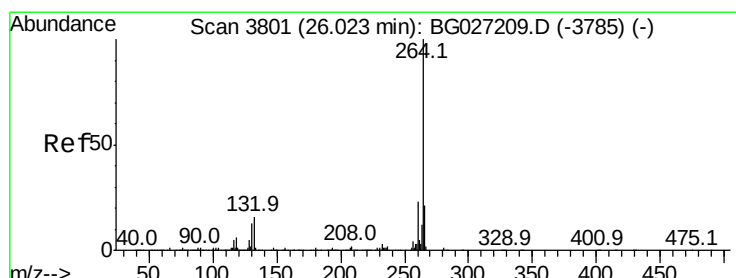
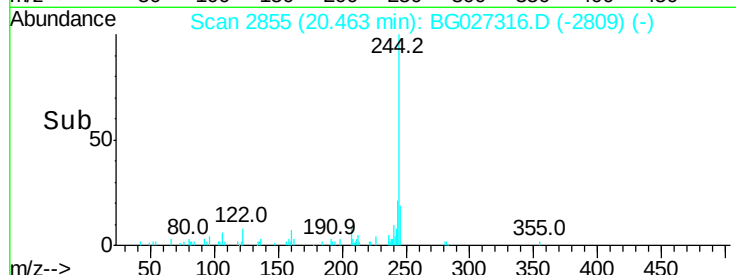
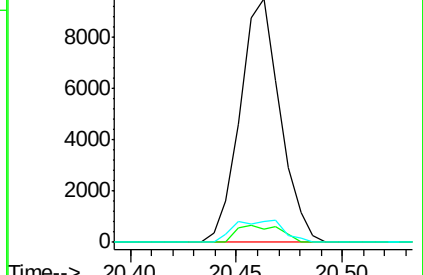
122 8.4 8.6 12.8#



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: 20.00 ng

RT: 25.96 min Scan# 3790

Delta R.T. -0.07 min

Lab File: BG027316.D

Acq: 8 Jun 2017 13:26

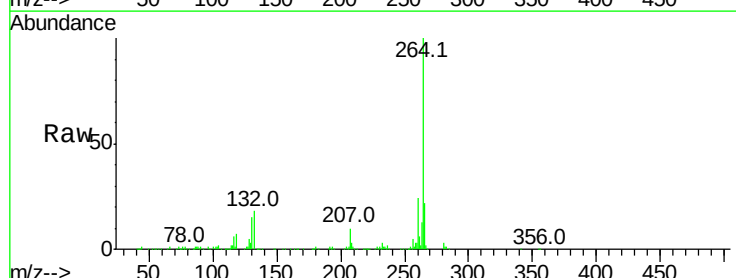
Tgt Ion:264 Resp: 356745

Ion Ratio Lower Upper

264 100

260 24.5 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

