

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027236.D
 Acq On : 6 Jun 2017 6:22
 Operator : SJ/MA
 Sample : I3450-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 07:47:35 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

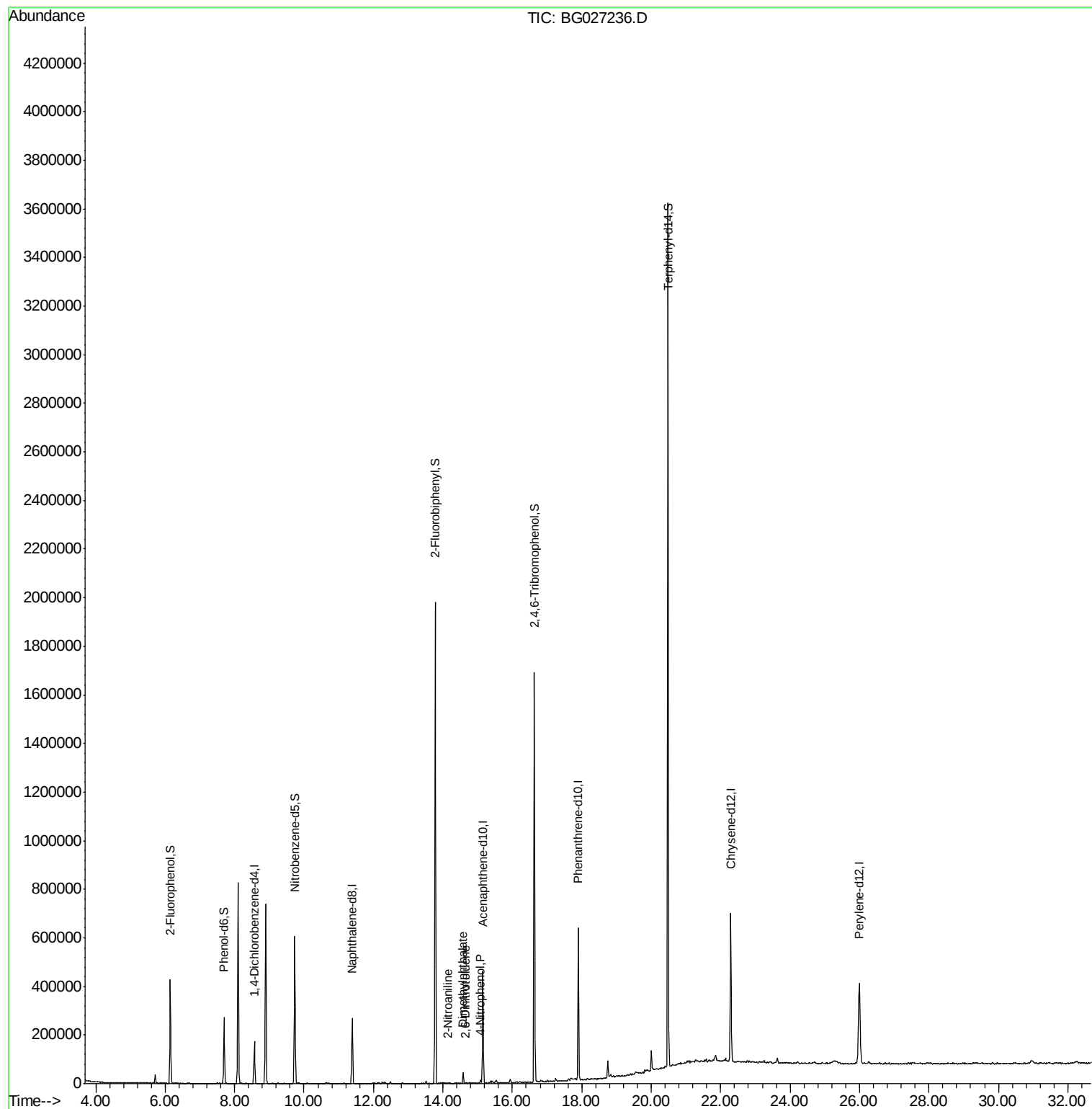
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	53240	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	245859	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	164794	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	395592	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	440255	20.00	ng	-0.02
86) Perylene-d12	25.99	264	418141	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	207395	59.44	ng	0.00
7) Phenol-d6	7.70	99	178396	34.83	ng	0.00
23) Nitrobenzene-d5	9.73	82	409446	104.73	ng	0.00
41) 2,4,6-Tribromophenol	16.63	330	350432	161.49	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	1105161	93.82	ng	-0.01
78) Terphenyl-d14	20.48	244	1636705	94.84	ng	-0.01
Target Compounds						
47) 2-Nitroaniline	14.14	65	55	6.85	ng	# 16
49) Dimethylphthalate	14.58	163	31740	2.43	ng	# 93
50) 2,6-Dinitrotoluene	14.66	165	273	5.71	ng	# 11
55) 4-Nitrophenol	15.09	139	761	6.41	ng	# 1

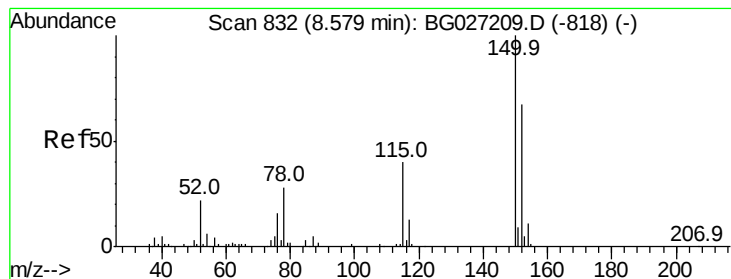
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 05 16:00:35 2017
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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: BG027236.D

Acq: 6 Jun 2017 6:22

Instrument :

BNA_G

ClientSampleId :

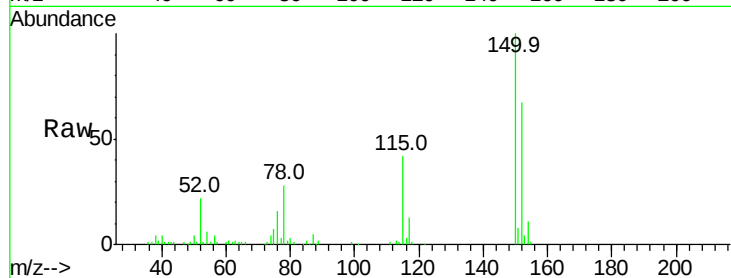
Tot Ion:152 Resp: 53240

Ion Ratio Lower Upper

152 100

150 149.0 114.0 171.0

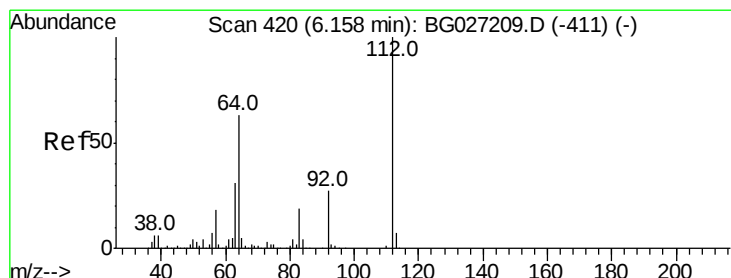
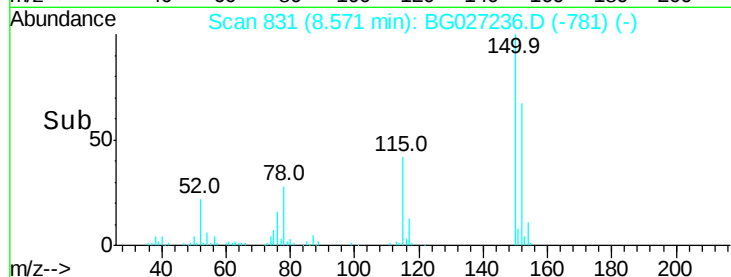
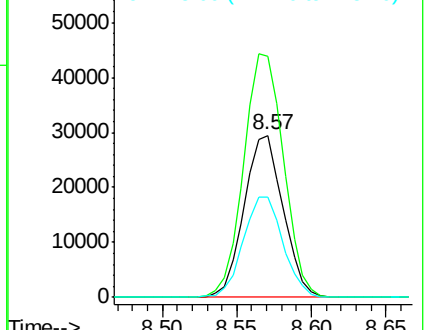
115 62.1 48.1 72.1



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: 59.44 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027236.D

Acq: 6 Jun 2017 6:22

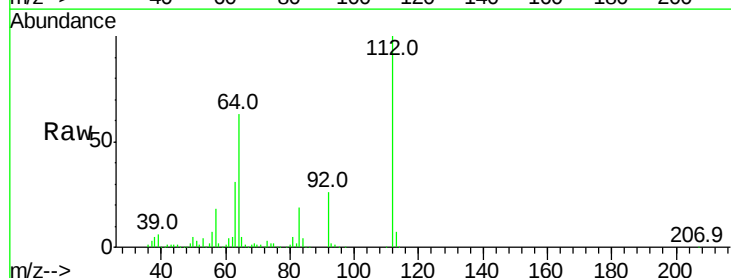
Tgt Ion:112 Resp: 207395

Ion Ratio Lower Upper

112 100

64 63.5 61.8 92.6

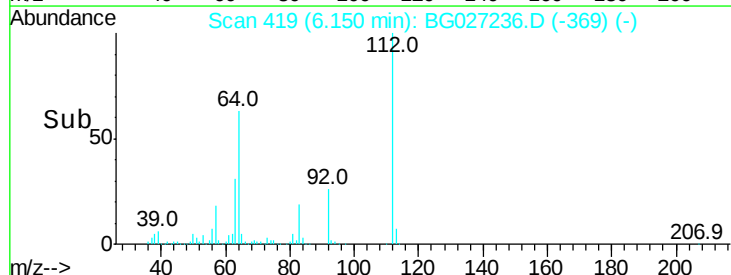
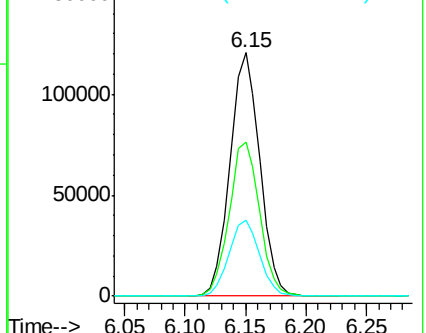
63 31.4 37.2 55.8#

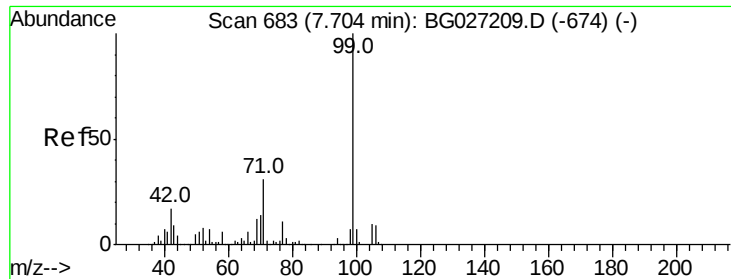


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 34.83 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027236.D

Acq: 6 Jun 2017 6:22

Instrument :

BNA_G

ClientSampleId :

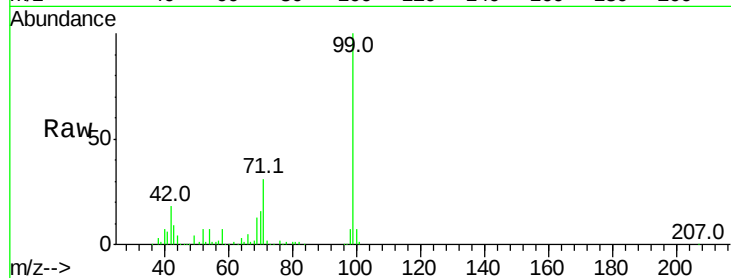
Tot Ion: 99 Resp: 178396

Ion Ratio Lower Upper

99 100

42 17.8 20.5 30.7#

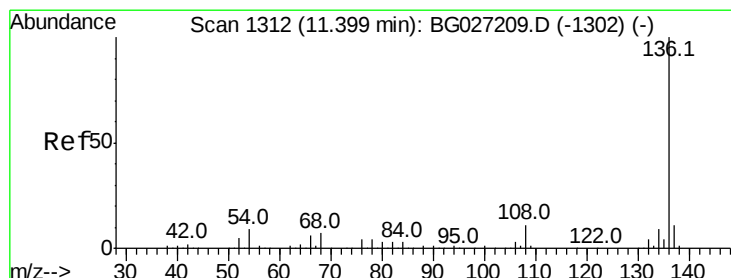
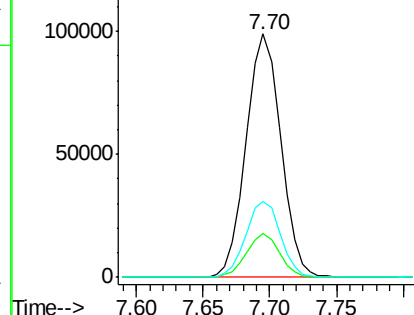
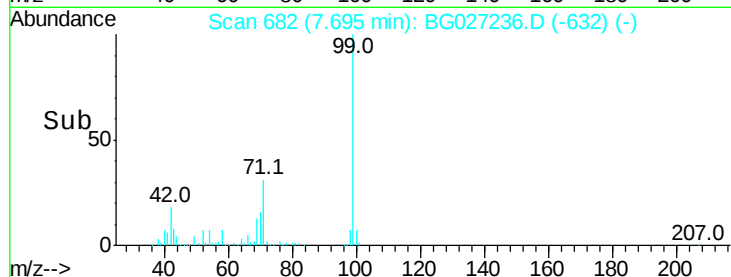
71 31.0 37.6 56.4#



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: BG027236.D

Acq: 6 Jun 2017 6:22

Tgt Ion: 136 Resp: 245859

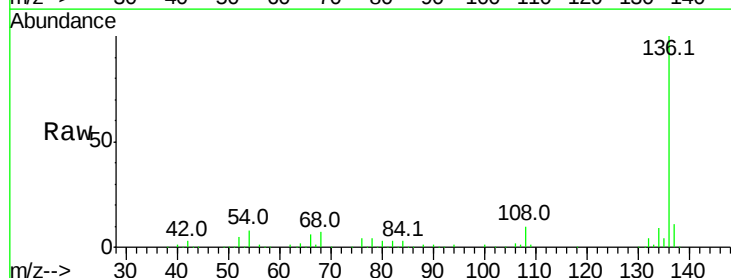
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.4 9.3 13.9#

68 7.0 5.1 7.7

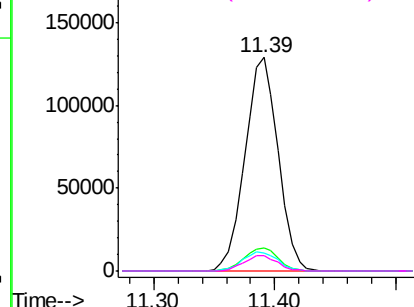
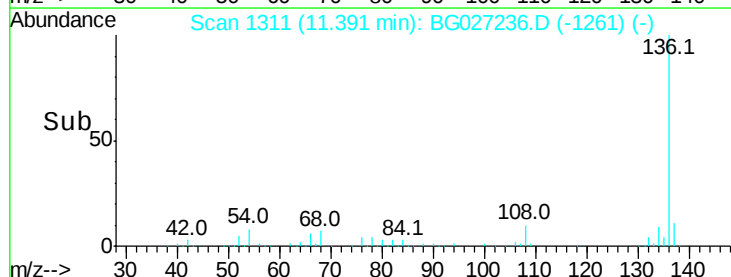


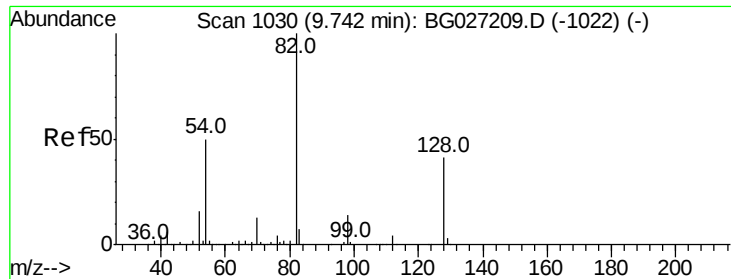
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

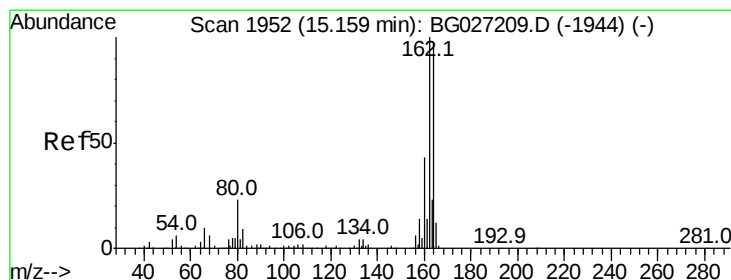
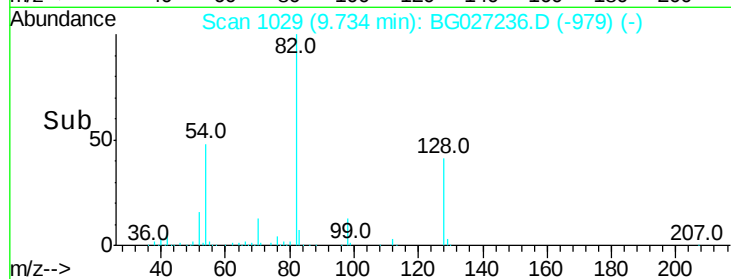
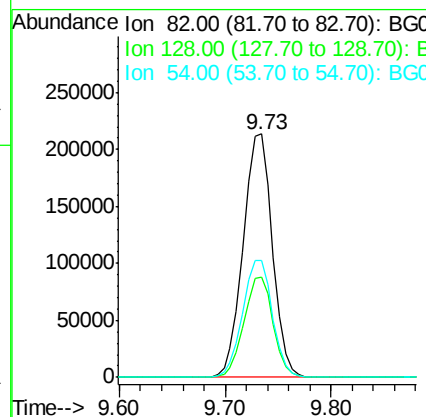
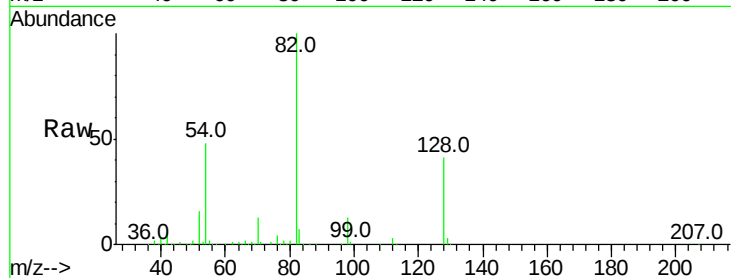




#23
 Nitrobenzene-d5
 Concen: 104.73 ng
 RT: 9.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG027236.D
 Acq: 6 Jun 2017 6:22

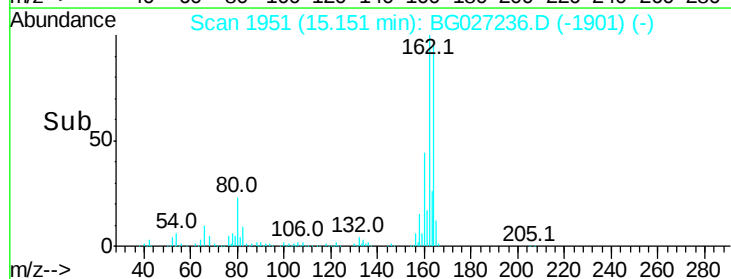
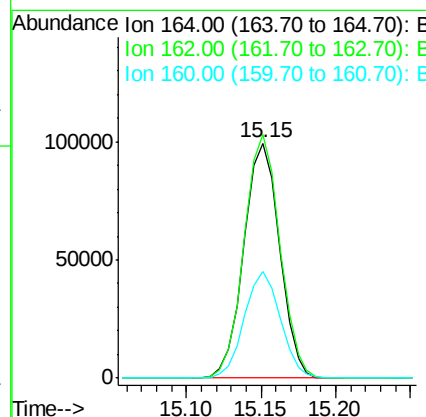
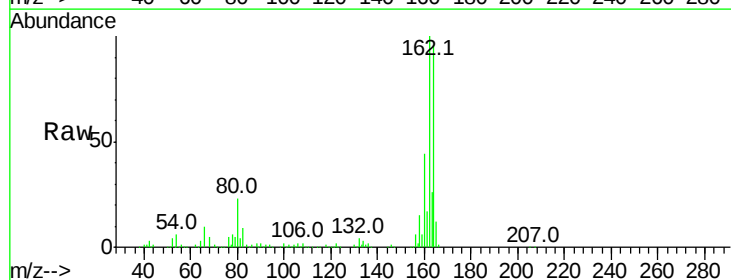
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 409446
 Ion Ratio Lower Upper
 82 100
 128 41.4 26.4 39.6#
 54 47.9 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: BG027236.D
 Acq: 6 Jun 2017 6:22

Tgt Ion:164 Resp: 164794
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.1 127.7
 160 45.6 34.7 52.1

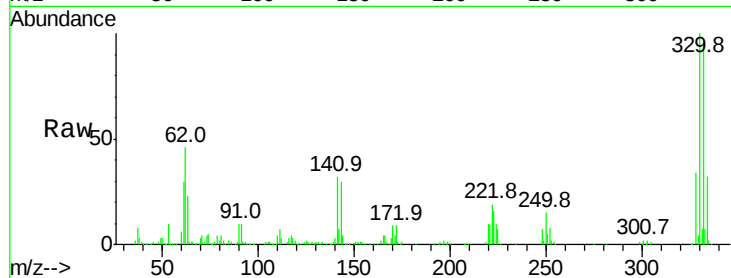




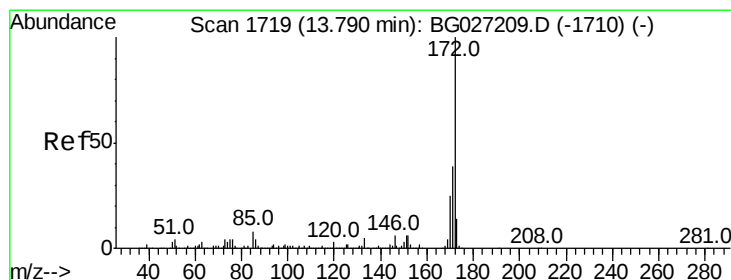
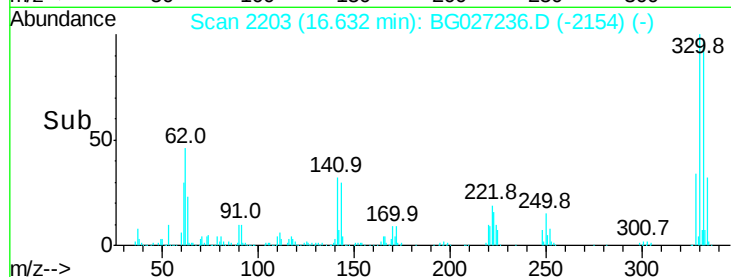
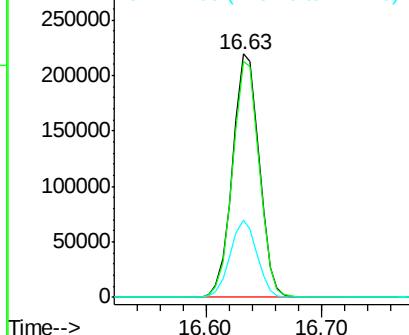
#41
 2,4,6-Tribromophenol
 Concen: 161.49 ng
 RT: 16.63 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG027236.D
 Acq: 6 Jun 2017 6:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	31.9	32.1	48.1#

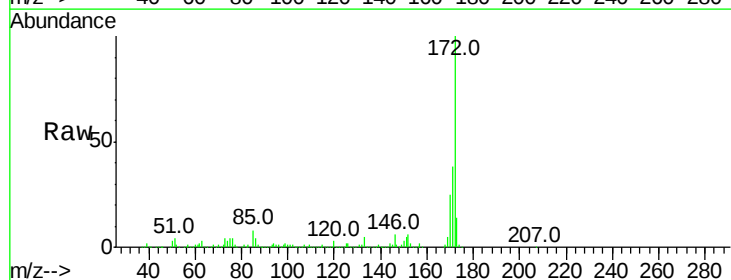


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

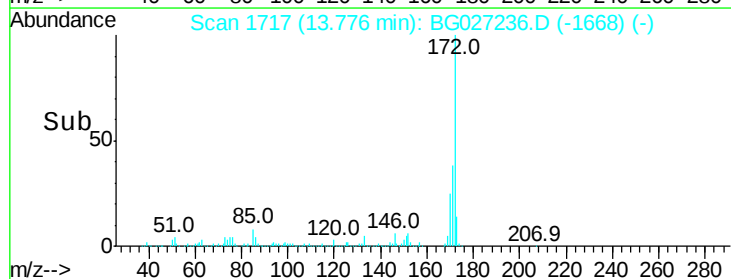
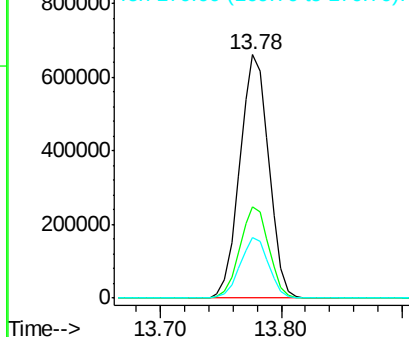


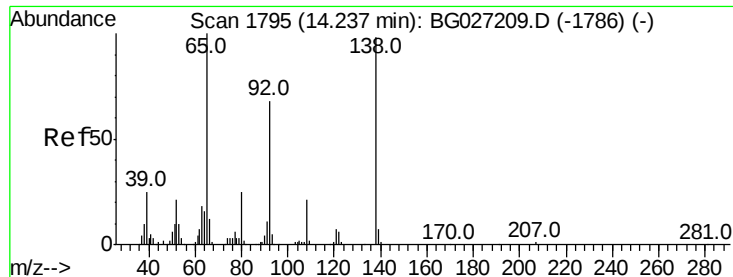
#44
 2-Fluorobiphenyl
 Concen: 93.82 ng
 RT: 13.78 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG027236.D
 Acq: 6 Jun 2017 6:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	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





#47

2-Nitroaniline

Concen: 6.85 ng

RT: 14.14 min Scan# 1779

Delta R.T. -0.10 min

Lab File: BG027236.D

Acq: 6 Jun 2017 6:22

Instrument :

BNA_G

ClientSampleId :

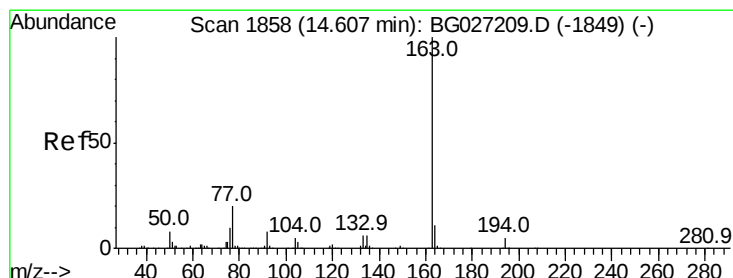
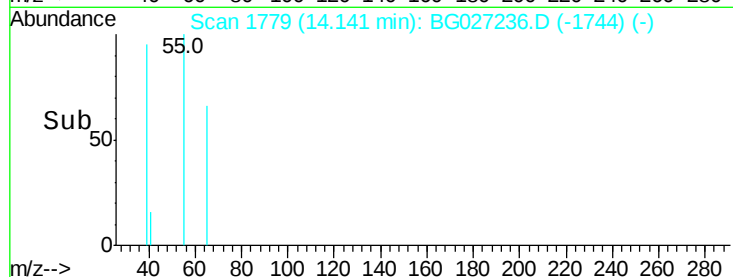
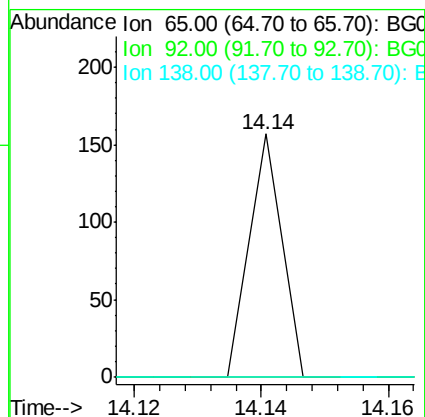
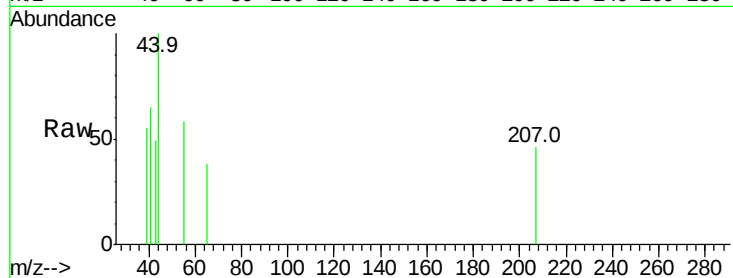
Tot Ion: 65 Resp: 55

Ion Ratio Lower Upper

65 100

92 0.0 49.0 73.4#

138 0.0 58.6 87.8#



#49

Dimethylphthalate

Concen: 2.43 ng

RT: 14.58 min Scan# 1854

Delta R.T. -0.03 min

Lab File: BG027236.D

Acq: 6 Jun 2017 6:22

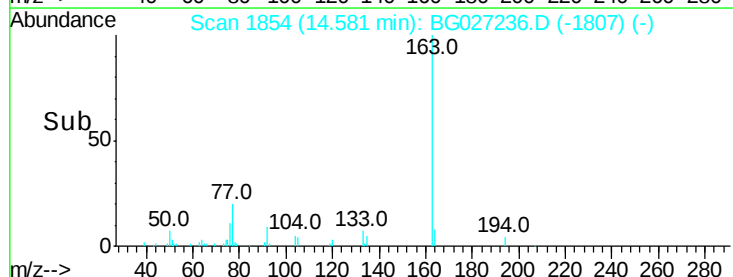
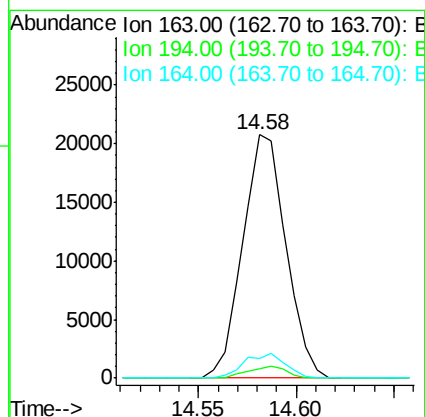
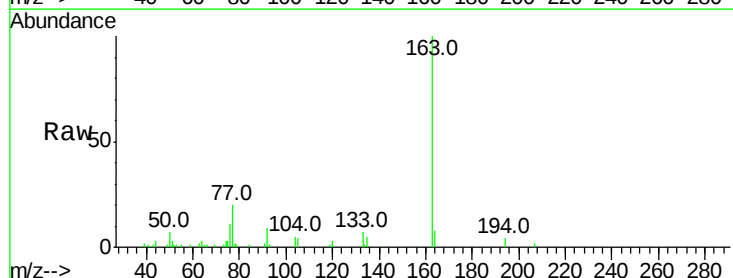
Tgt Ion: 163 Resp: 31740

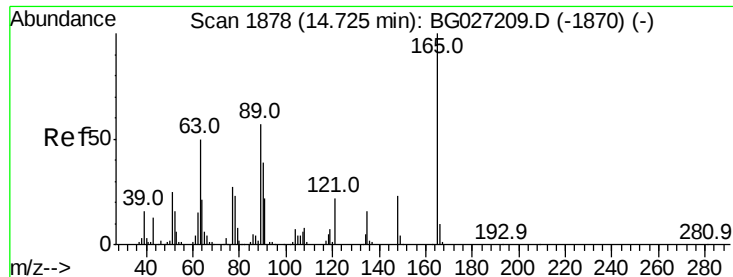
Ion Ratio Lower Upper

163 100

194 3.8 3.8 5.6

164 8.2 9.3 13.9#





#50

2,6-Dinitrotoluene

Concen: 5.71 ng

RT: 14.66 min Scan# 1867

Delta R.T. -0.07 min

Lab File: BG027236.D

Acq: 6 Jun 2017 6:22

Instrument :

BNA_G

ClientSampleId :

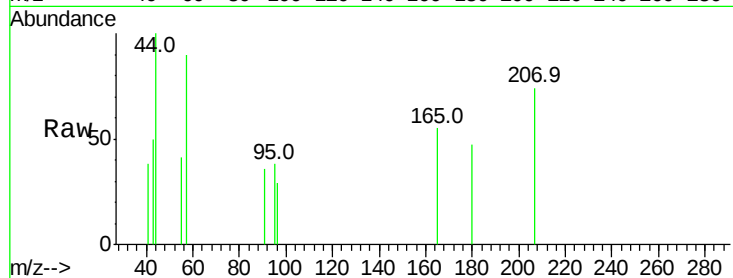
Tot Ion:165 Resp: 273

Ion Ratio Lower Upper

165 100

63 0.0 63.9 95.9#

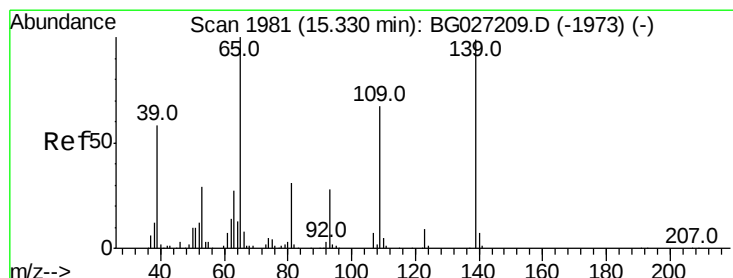
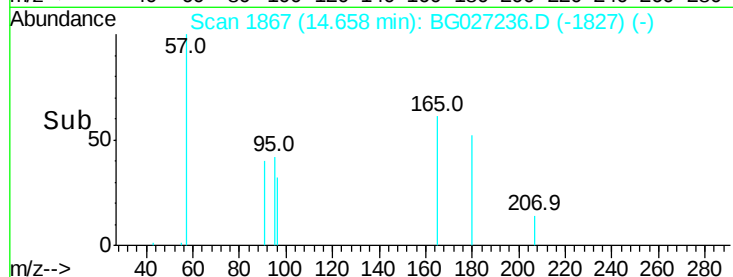
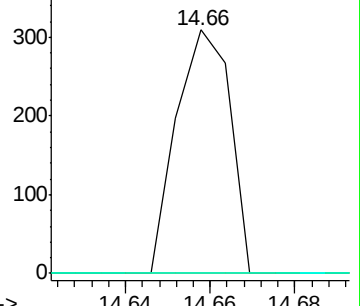
89 0.0 58.6 88.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#55

4-Nitrophenol

Concen: 6.41 ng

RT: 15.09 min Scan# 1940

Delta R.T. -0.24 min

Lab File: BG027236.D

Acq: 6 Jun 2017 6:22

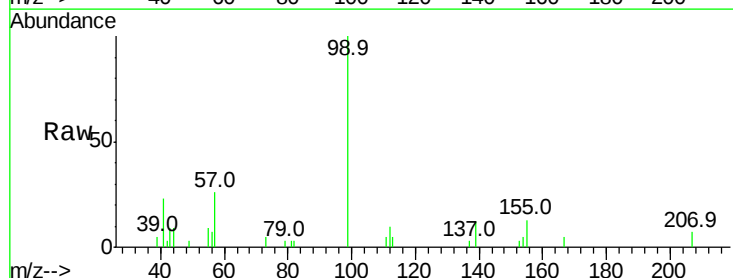
Tgt Ion:139 Resp: 761

Ion Ratio Lower Upper

139 100

109 0.0 101.2 141.2#

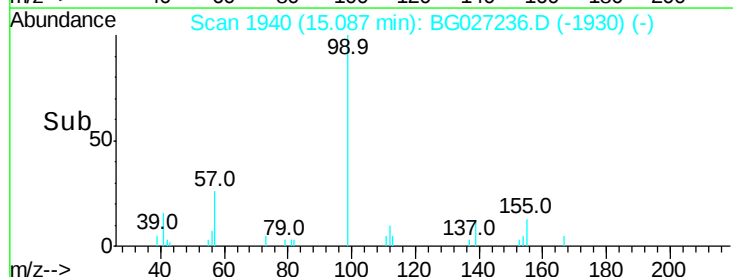
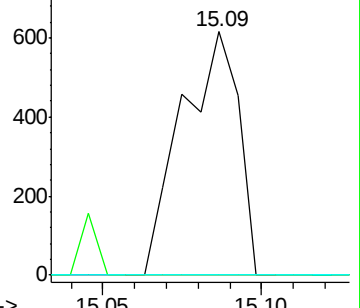
65 0.0 135.3 175.3#

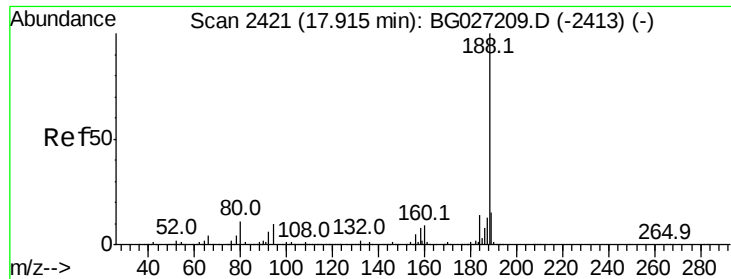


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

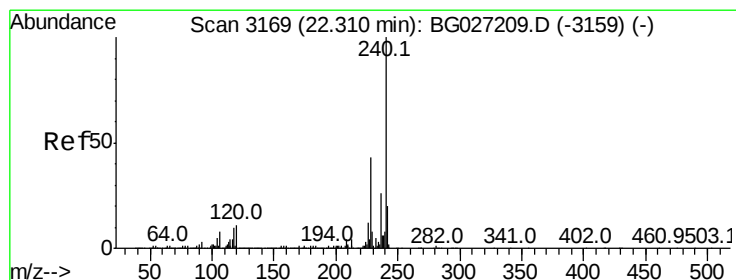
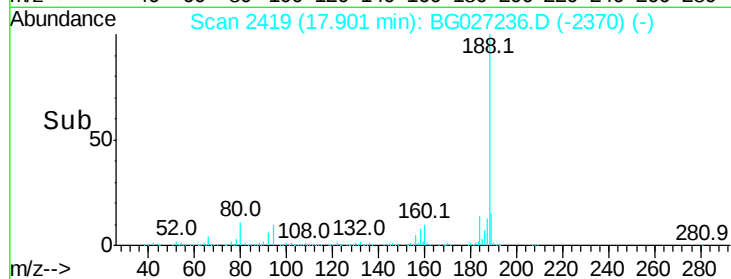
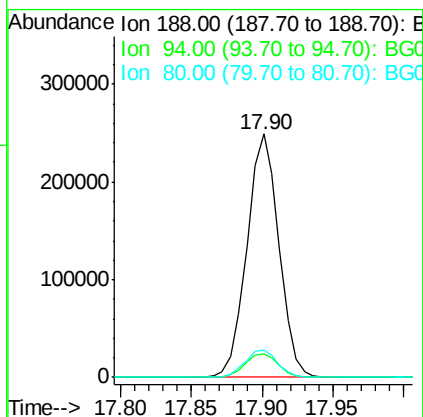
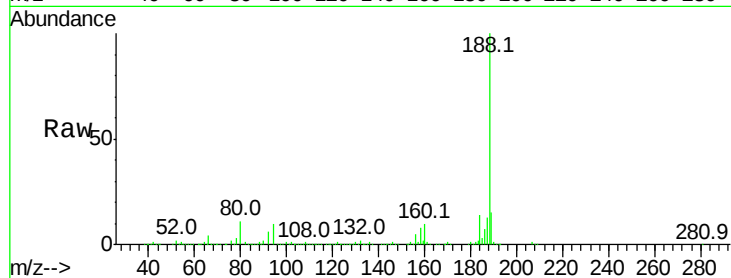




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG027236.D
Acq: 6 Jun 2017 6:22

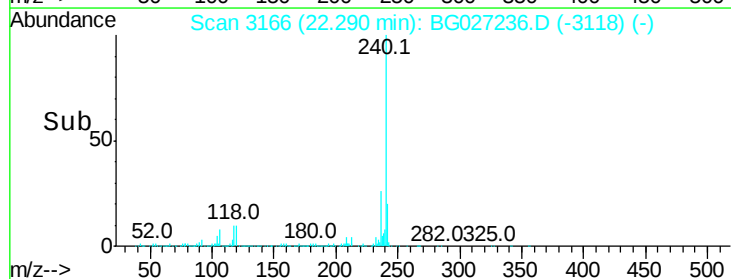
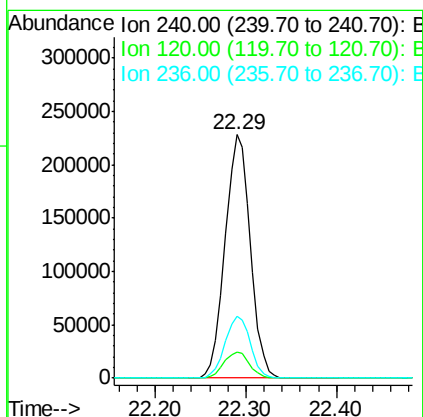
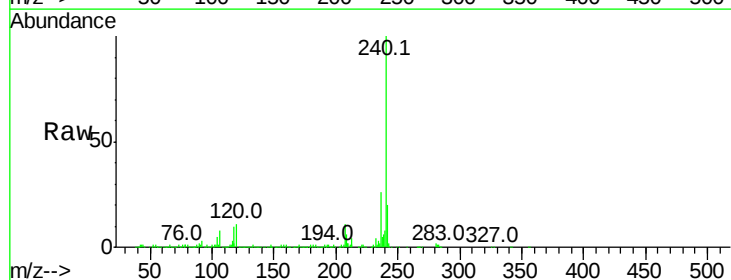
Instrument :
BNA_G
ClientSampleId :

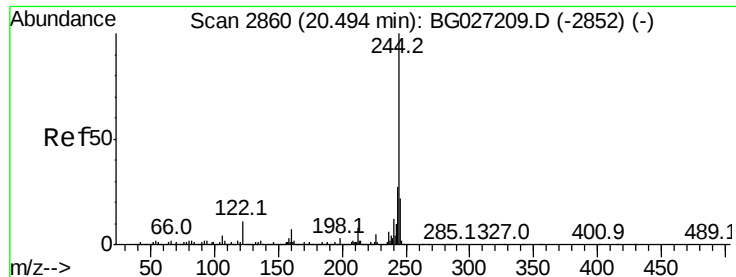
Tot Ion:188 Resp: 395592
Ion Ratio Lower Upper
188 100
94 9.8 5.8 8.8#
80 11.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.29 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG027236.D
Acq: 6 Jun 2017 6:22

Tgt Ion:240 Resp: 440255
Ion Ratio Lower Upper
240 100
120 10.5 5.7 8.5#
236 25.5 22.2 33.4





#78

Terphenyl-d14

Concen: 94.84 ng

RT: 20.48 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG027236.D

Acq: 6 Jun 2017 6:22

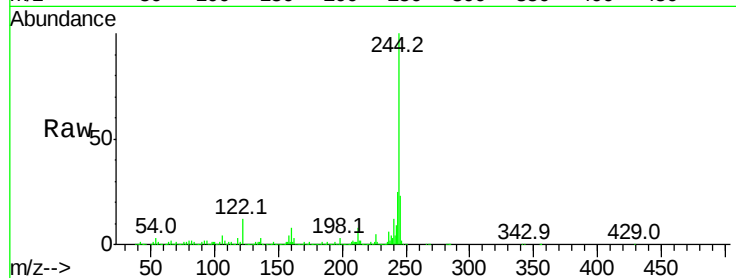
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1636705

Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	11.7	8.6	12.8

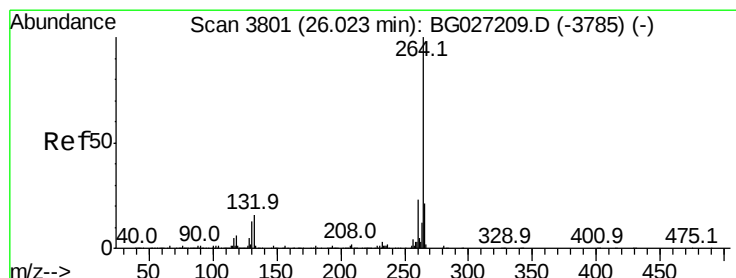
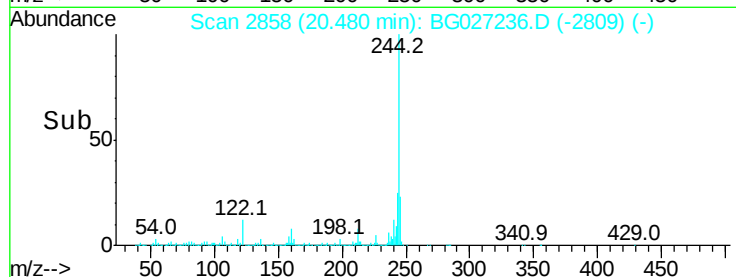
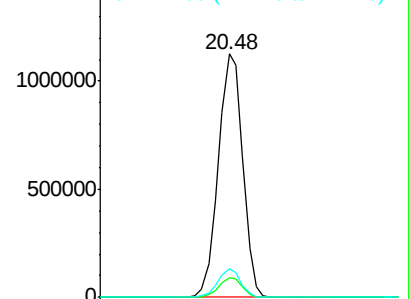


Abundance

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: 25.99 min Scan# 3796

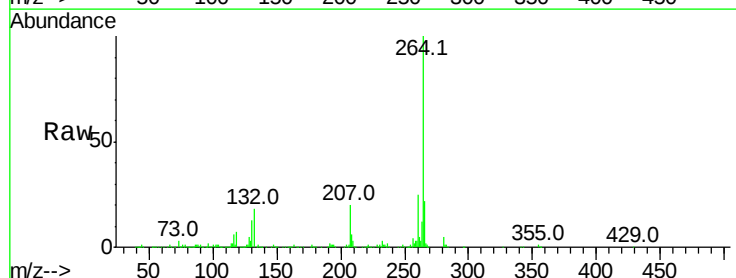
Delta R.T. -0.03 min

Lab File: BG027236.D

Acq: 6 Jun 2017 6:22

Tgt Ion:264 Resp: 418141

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	21.7	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

