

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027257.D
 Acq On : 6 Jun 2017 20:10
 Operator : SJ/MA
 Sample : I3457-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-14

Quant Time: Jun 07 05:17:13 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

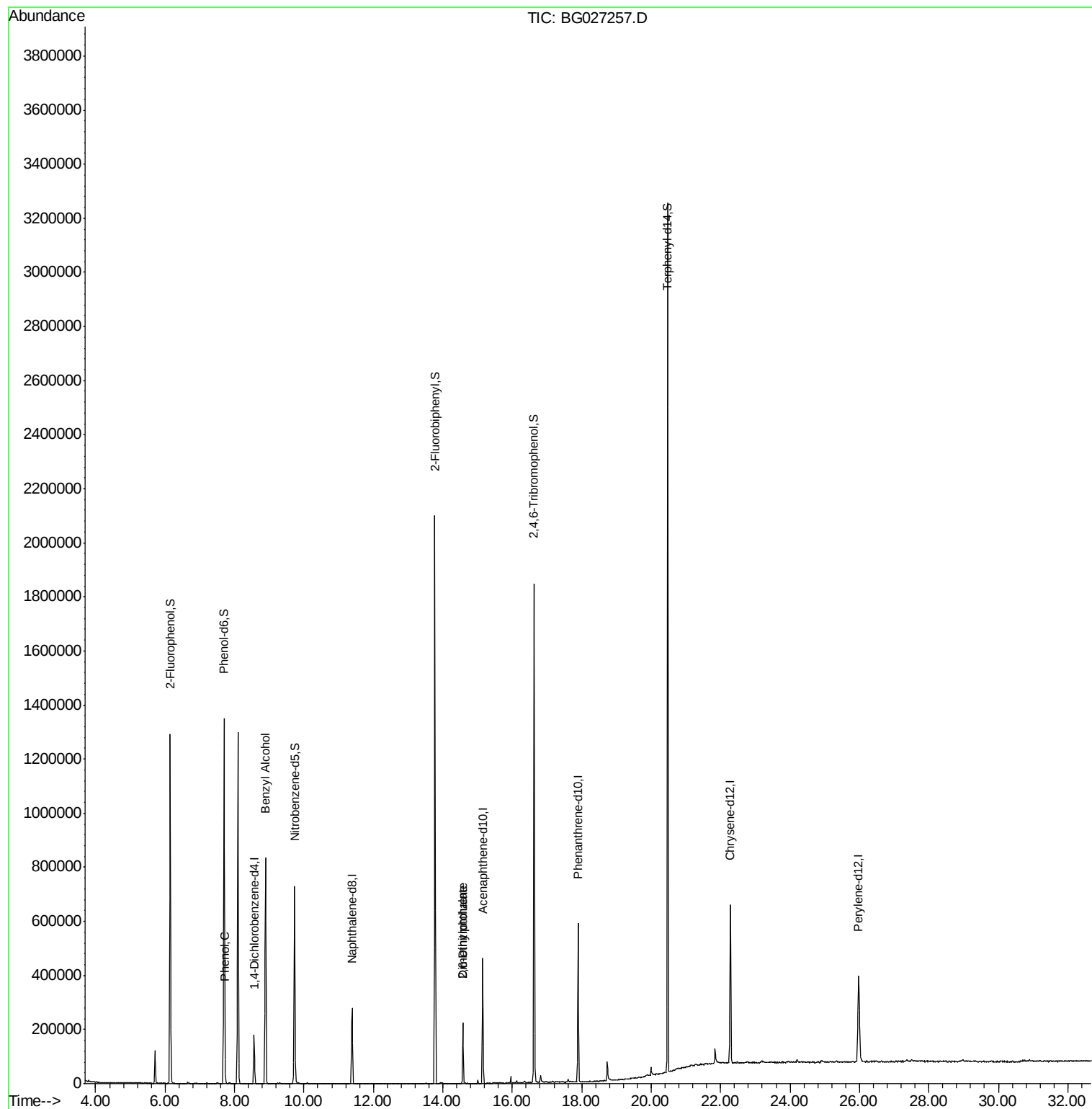
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	53374	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	253981	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	168237	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	383176	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	412918	20.00	ng	-0.03
86) Perylene-d12	25.98	264	386516	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	633555	181.13	ng	-0.01
7) Phenol-d6	7.70	99	899619	175.22	ng	0.00
23) Nitrobenzene-d5	9.73	82	491189	121.63	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	384002	173.33	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1147337	95.41	ng	-0.02
78) Terphenyl-d14	20.48	244	1518726	93.83	ng	-0.02
Target Compounds						
10) Phenol	7.73	94	14551	2.77	ng	Qvalue 82
15) Benzyl Alcohol	8.89	79	7686	2.12	ng	# 50
49) Dimethylphthalate	14.58	163	156018	11.69	ng	96
50) 2,6-Dinitrotoluene	14.58	165	1517	6.11	ng	# 12

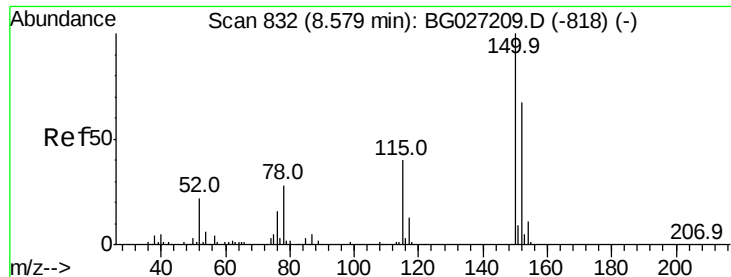
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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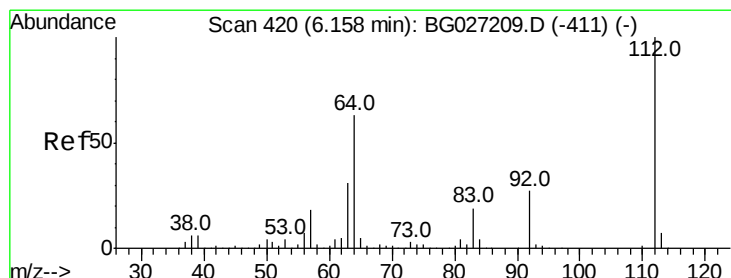
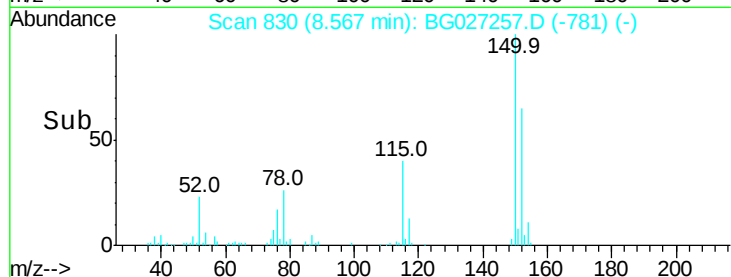
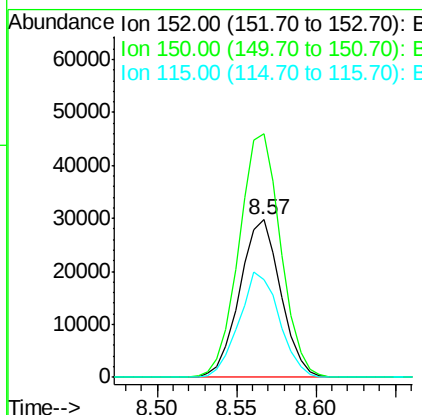
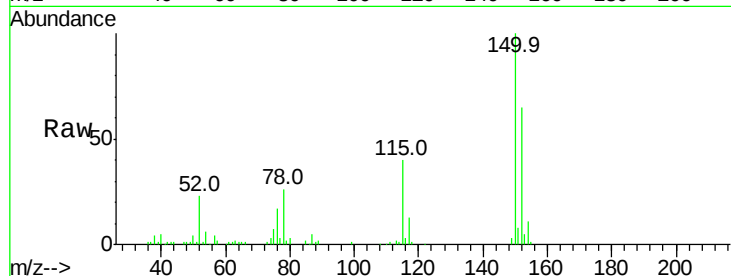


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG027257.D
Acq: 6 Jun 2017 20:10

Instrument :
BNA_G
ClientSampled :
S-14

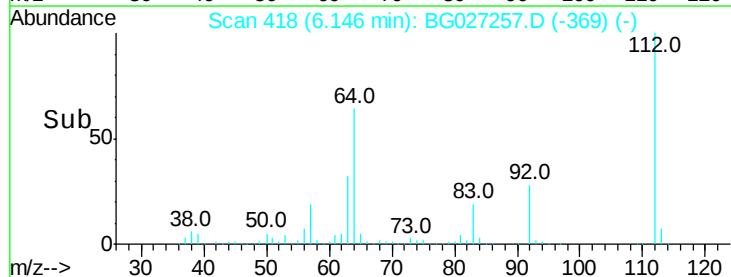
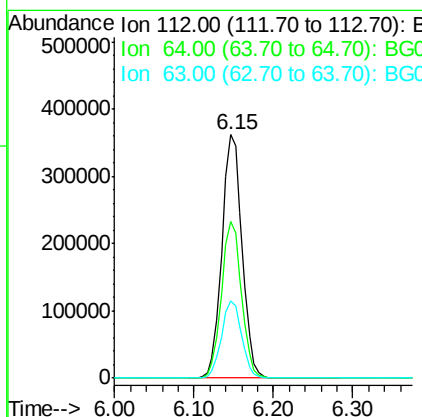
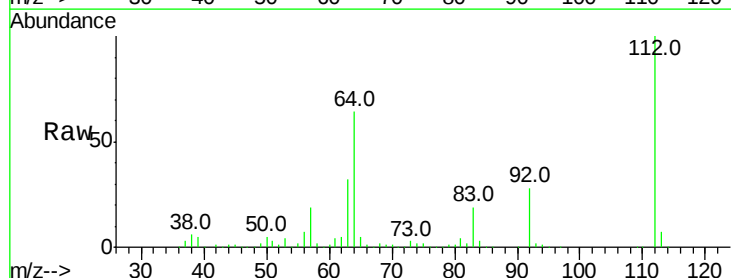
Tot Ion:152 Resp: 53374
Ion Ratio Lower Upper
152 100
150 154.3 114.0 171.0
115 62.2 48.1 72.1

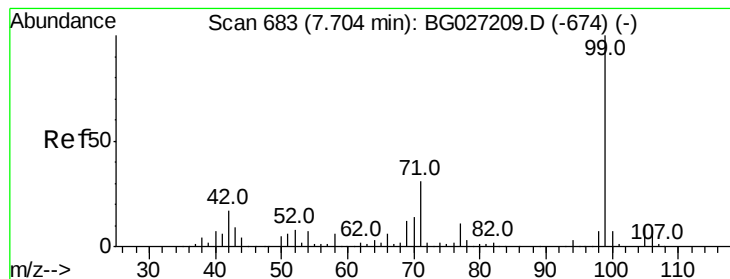


#5

2-Fluorophenol
Concen: 181.13 ng
RT: 6.15 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027257.D
Acq: 6 Jun 2017 20:10

Tgt Ion:112 Resp: 633555
Ion Ratio Lower Upper
112 100
64 64.2 61.8 92.6
63 31.9 37.2 55.8#





#7

Phenol-d6

Concen: 175.22 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027257.D

Acq: 6 Jun 2017 20:10

Instrument :

BNA_G

ClientSampleId :

S-14

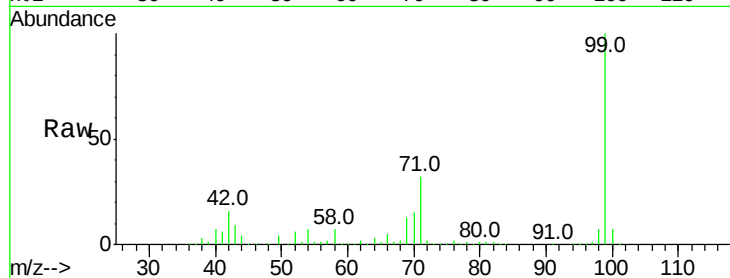
Tot Ion: 99 Resp: 899619

Ion Ratio Lower Upper

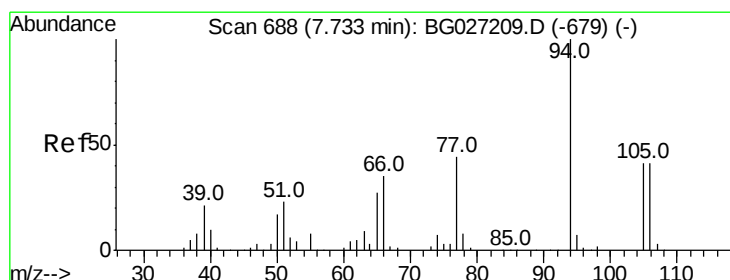
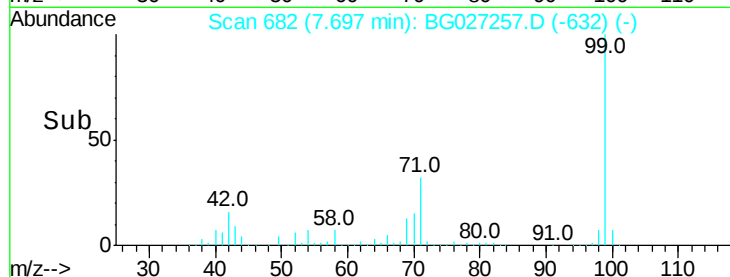
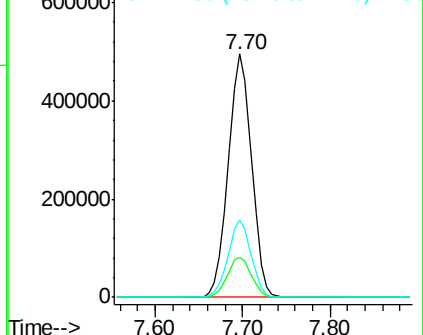
99 100

42 16.5 20.5 30.7#

71 31.5 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



#10

Phenol

Concen: 2.77 ng

RT: 7.73 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027257.D

Acq: 6 Jun 2017 20:10

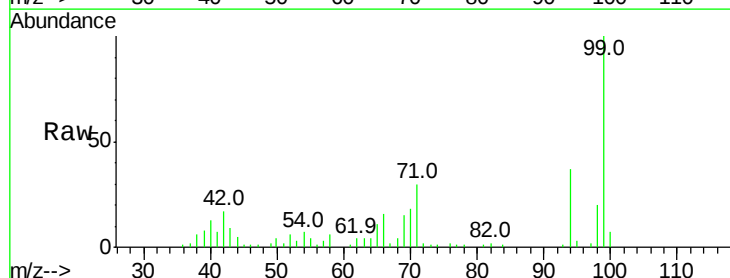
Tgt Ion: 94 Resp: 14551

Ion Ratio Lower Upper

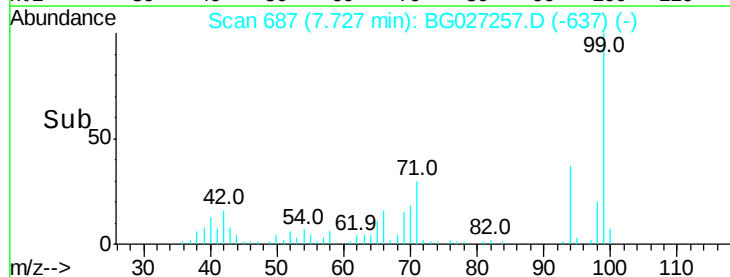
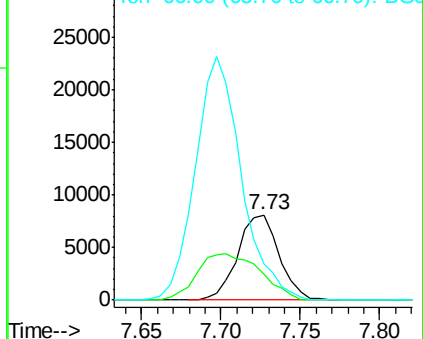
94 100

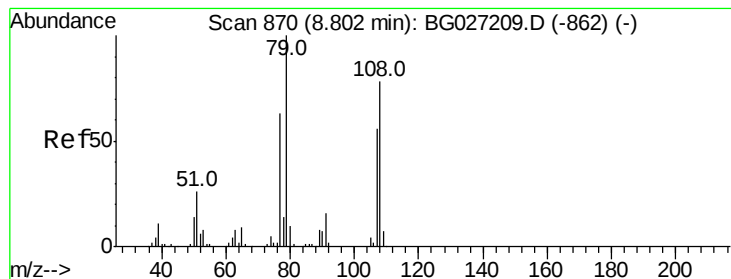
65 29.8 20.6 60.6

66 41.7 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 8.89 min Scan# 885

Delta R.T. 0.09 min

Lab File: BG027257.D

Acq: 6 Jun 2017 20:10

Instrument :

BNA_G

ClientSampleId :

S-14

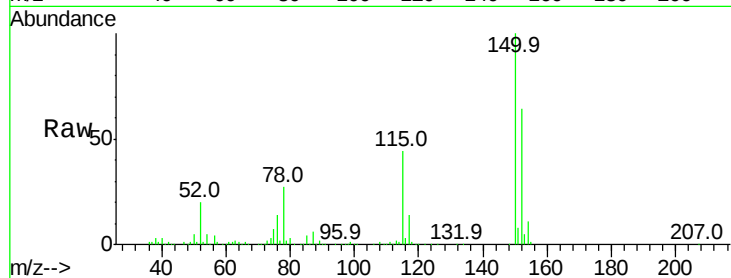
Tot Ion: 79 Resp: 7686

Ion Ratio Lower Upper

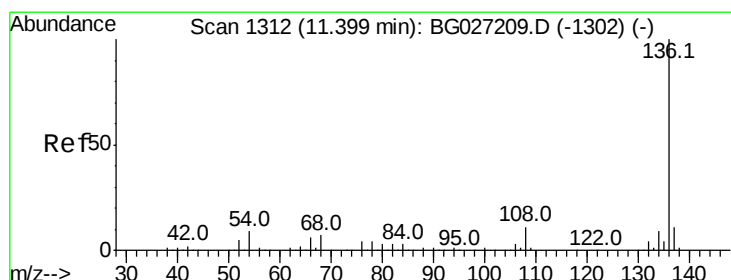
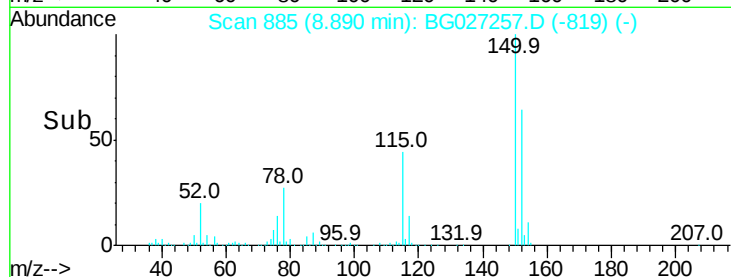
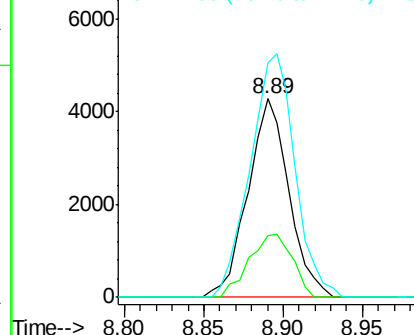
79 100

108 31.3 45.5 68.3#

77 118.4 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.39 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG027257.D

Acq: 6 Jun 2017 20:10

Tgt Ion: 136 Resp: 253981

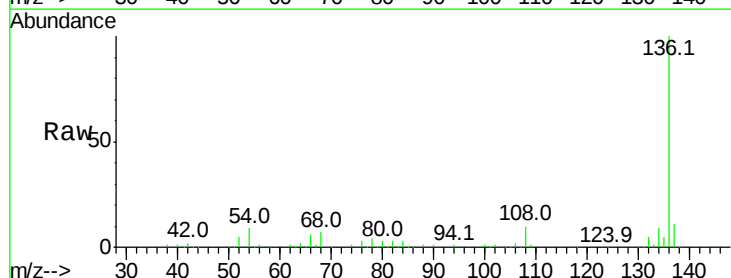
Ion Ratio Lower Upper

136 100

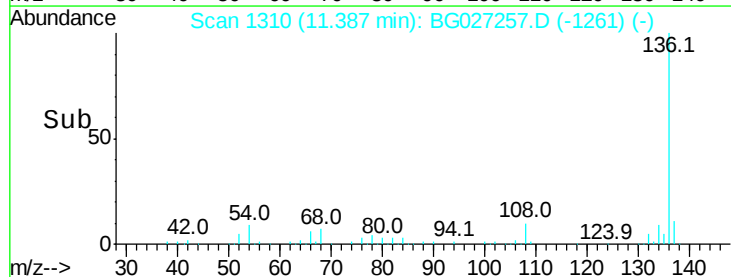
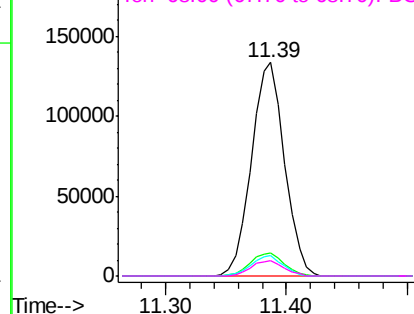
137 11.1 8.9 13.3

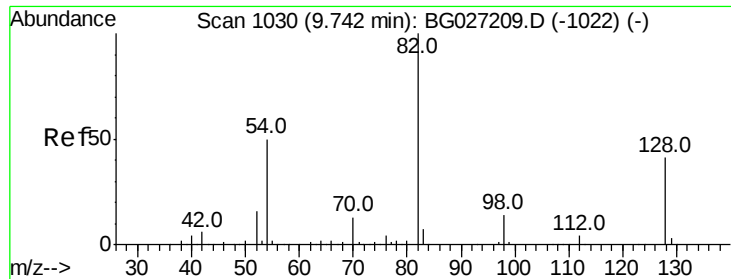
54 9.4 9.3 13.9

68 6.9 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

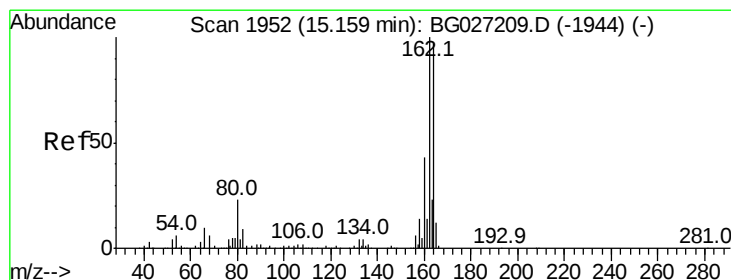
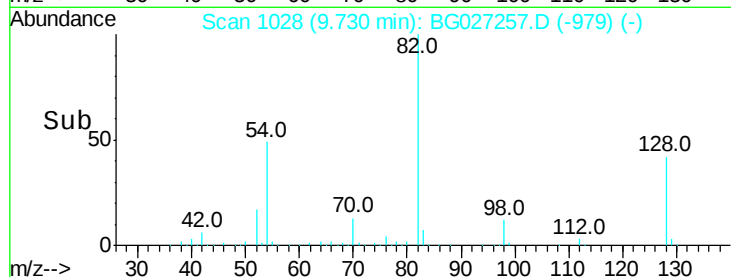
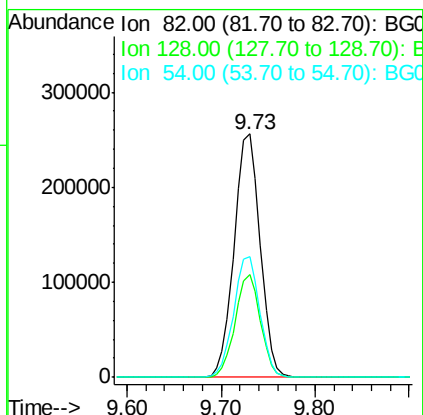
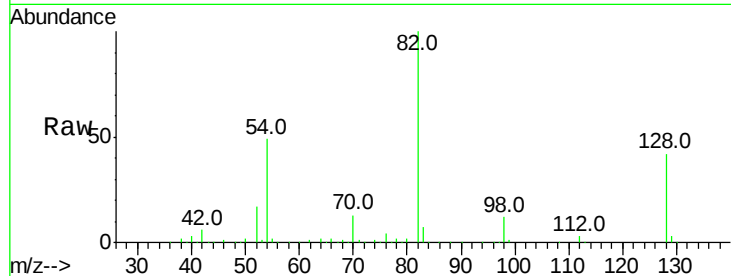




#23
 Nitrobenzene-d5
 Concen: 121.63 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027257.D
 Acq: 6 Jun 2017 20:10

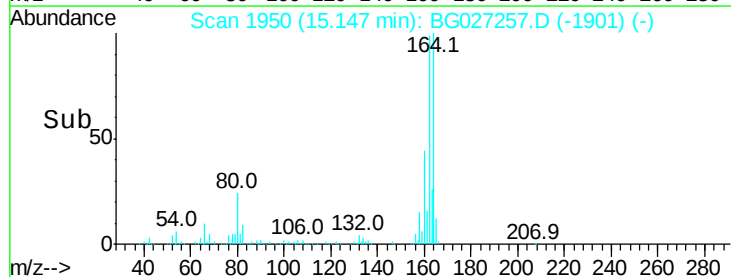
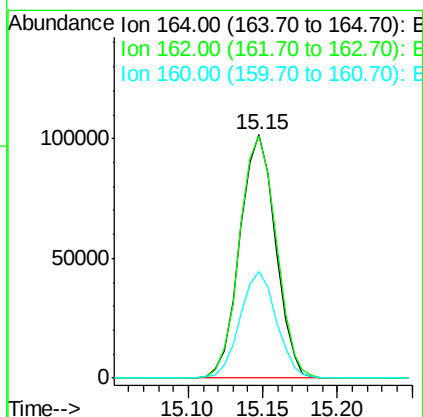
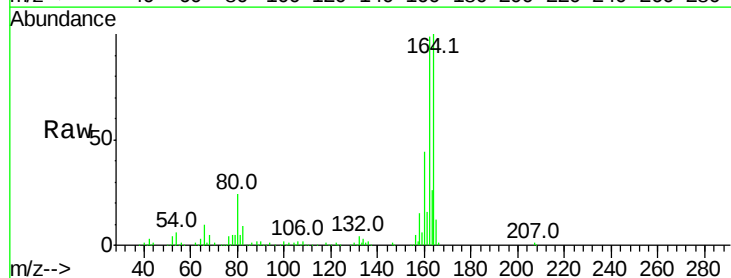
Instrument :
 BNA_G
 ClientSampleId :
 S-14

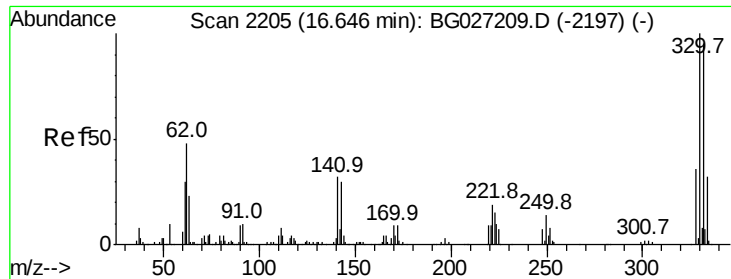
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	26.4	39.6
54	49.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG027257.D
 Acq: 6 Jun 2017 20:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	85.1	127.7
160	43.8	34.7	52.1

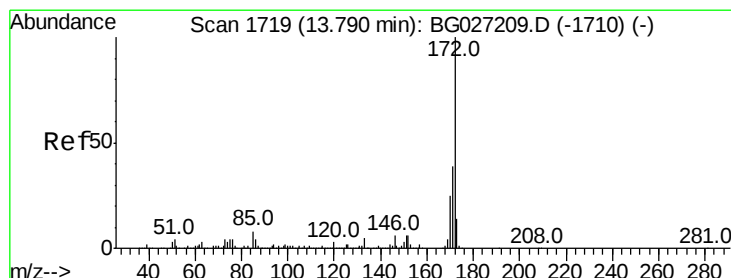
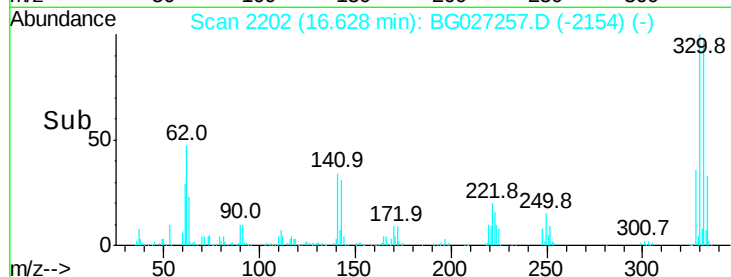
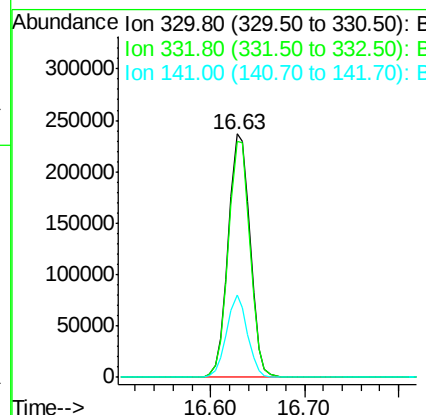
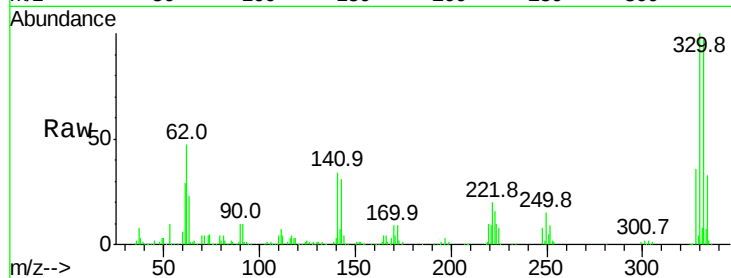




#41
 2,4,6-Tribromophenol
 Concen: 173.33 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027257.D
 Acq: 6 Jun 2017 20:10

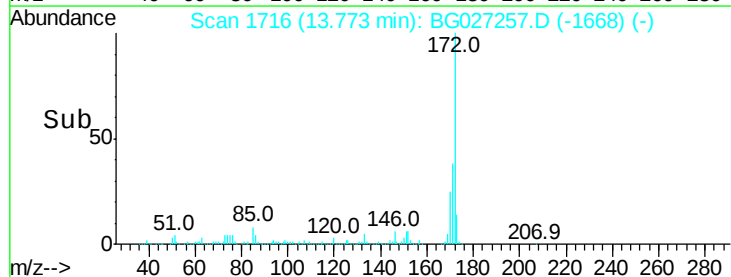
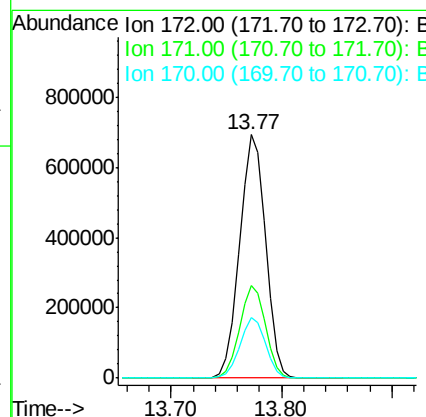
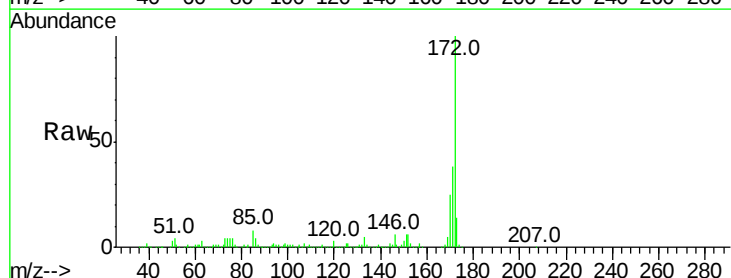
Instrument :
 BNA_G
 ClientSampleId :
 S-14

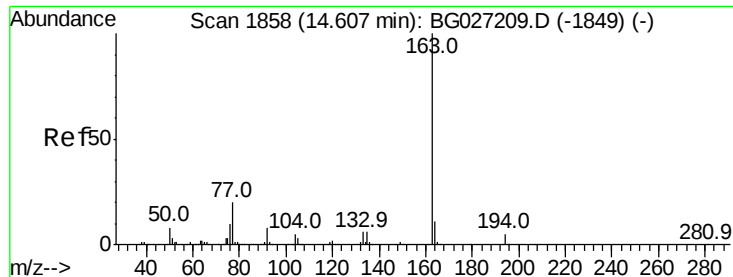
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	32.2	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 95.41 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027257.D
 Acq: 6 Jun 2017 20:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	25.0	21.8	32.6





#49

Dimethylphthalate

Concen: 11.69 ng

RT: 14.58 min Scan# 1853

Delta R.T. -0.03 min

Lab File: BG027257.D

Acq: 6 Jun 2017 20:10

Instrument :

BNA_G

ClientSampleId :

S-14

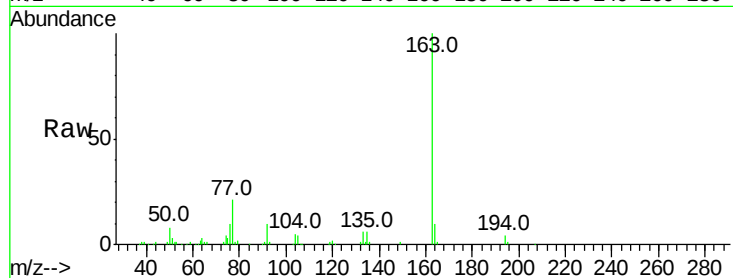
Tot Ion:163 Resp: 156018

Ion Ratio Lower Upper

163 100

194 4.0 3.8 5.6

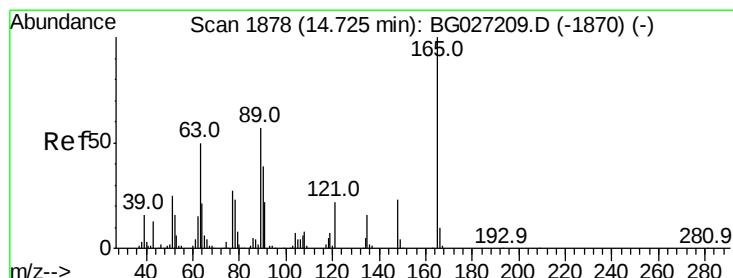
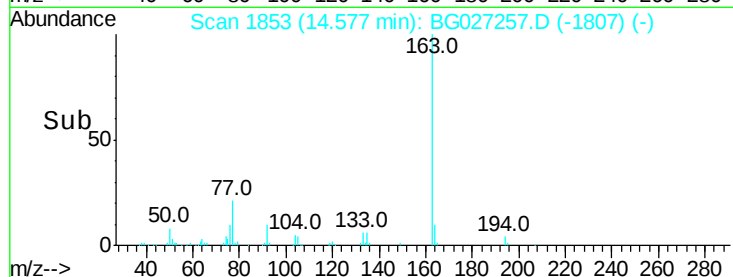
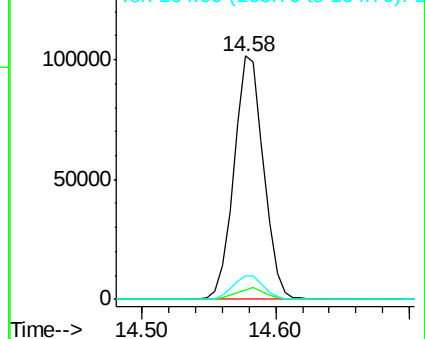
164 9.6 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 6.11 ng

RT: 14.58 min Scan# 1853

Delta R.T. -0.15 min

Lab File: BG027257.D

Acq: 6 Jun 2017 20:10

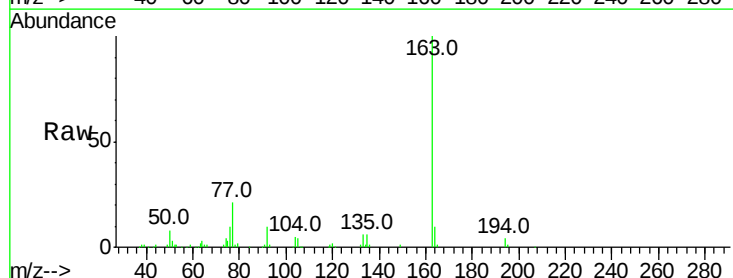
Tgt Ion:165 Resp: 1517

Ion Ratio Lower Upper

165 100

63 158.8 63.9 95.9#

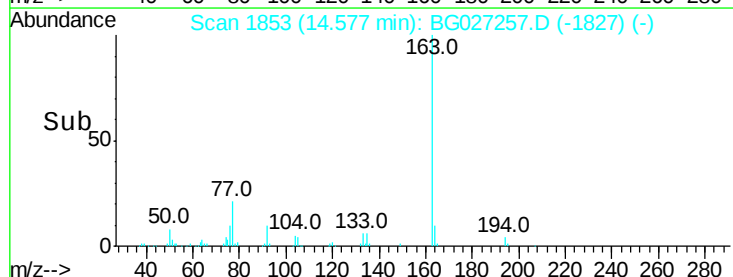
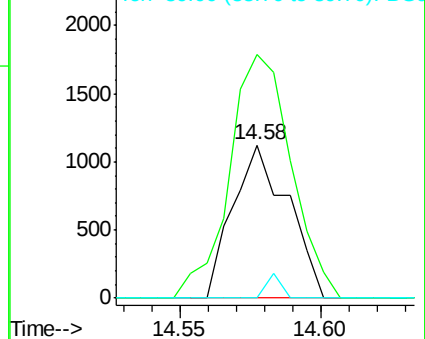
89 0.0 58.6 88.0#

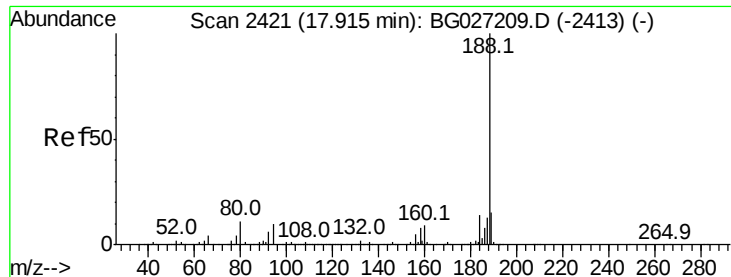


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

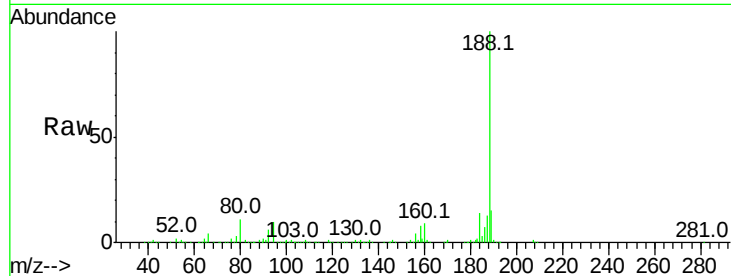




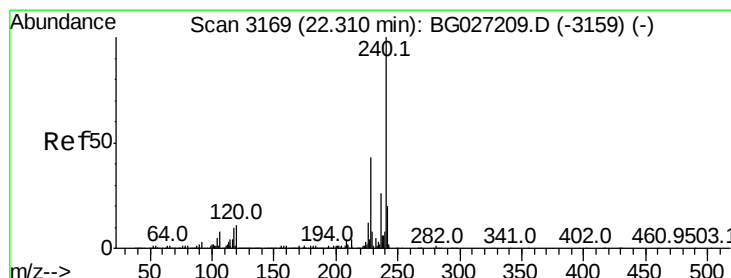
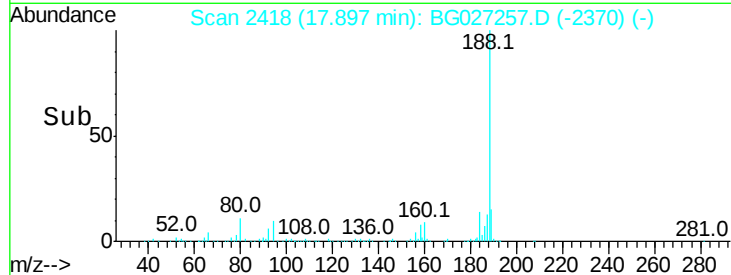
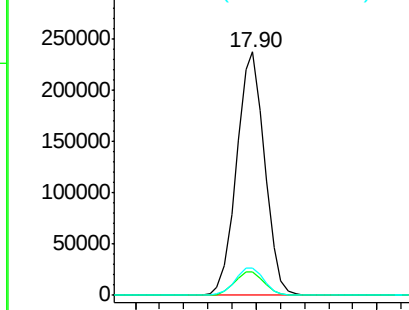
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027257.D
Acq: 6 Jun 2017 20:10

Instrument :
BNA_G
ClientSampleId :
S-14

Tot Ion:188 Resp: 383176
Ion Ratio Lower Upper
188 100
94 9.8 5.8 8.8#
80 11.0 7.5 11.3

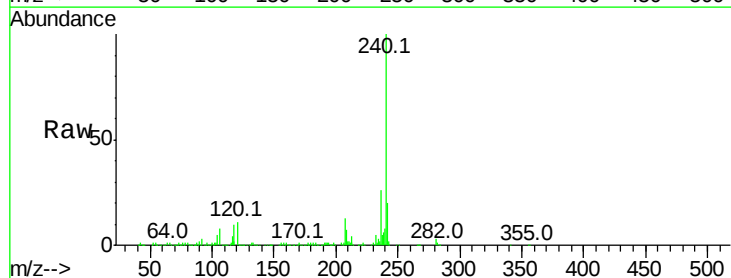


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

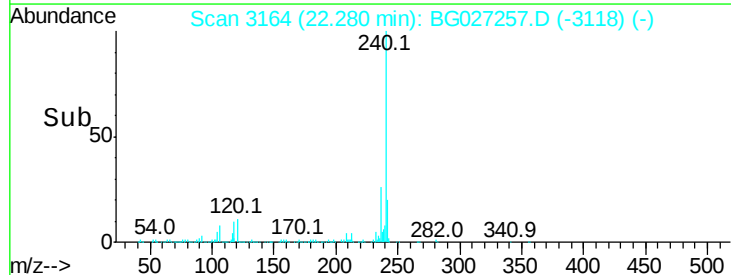
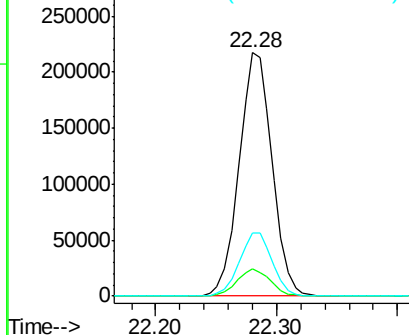


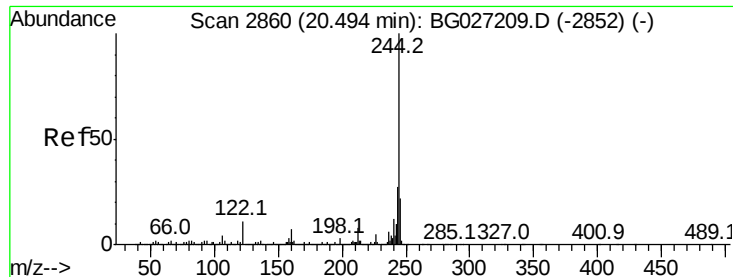
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.28 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG027257.D
Acq: 6 Jun 2017 20:10

Tgt Ion:240 Resp: 412918
Ion Ratio Lower Upper
240 100
120 11.1 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: 93.83 ng

RT: 20.48 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027257.D

Acq: 6 Jun 2017 20:10

Instrument :

BNA_G

ClientSampleId :

S-14

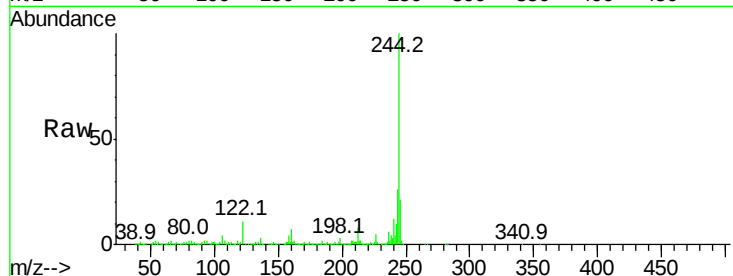
Tot Ion:244 Resp: 1518726

Ion Ratio Lower Upper

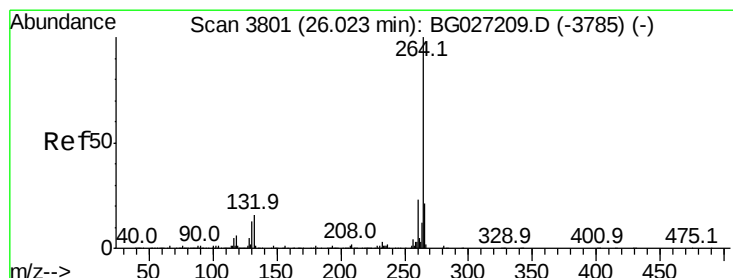
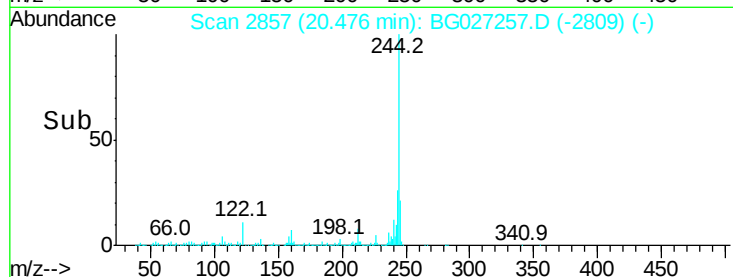
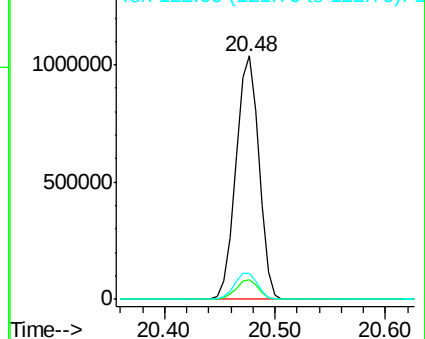
244 100

212 7.8 10.0 15.0#

122 10.7 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: 25.98 min Scan# 3793

Delta R.T. -0.05 min

Lab File: BG027257.D

Acq: 6 Jun 2017 20:10

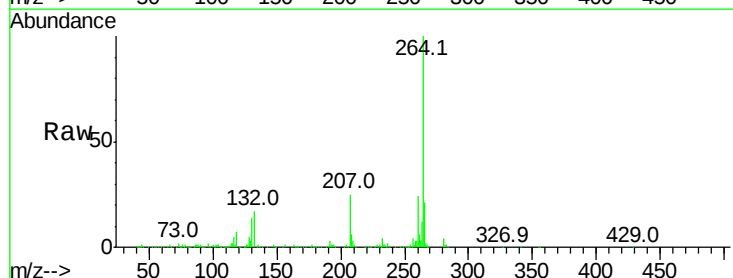
Tgt Ion:264 Resp: 386516

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 21.1 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

