

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027445.D
 Acq On : 15 Jun 2017 10:19
 Operator : SJ/MA
 Sample : I3660-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 11:54:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

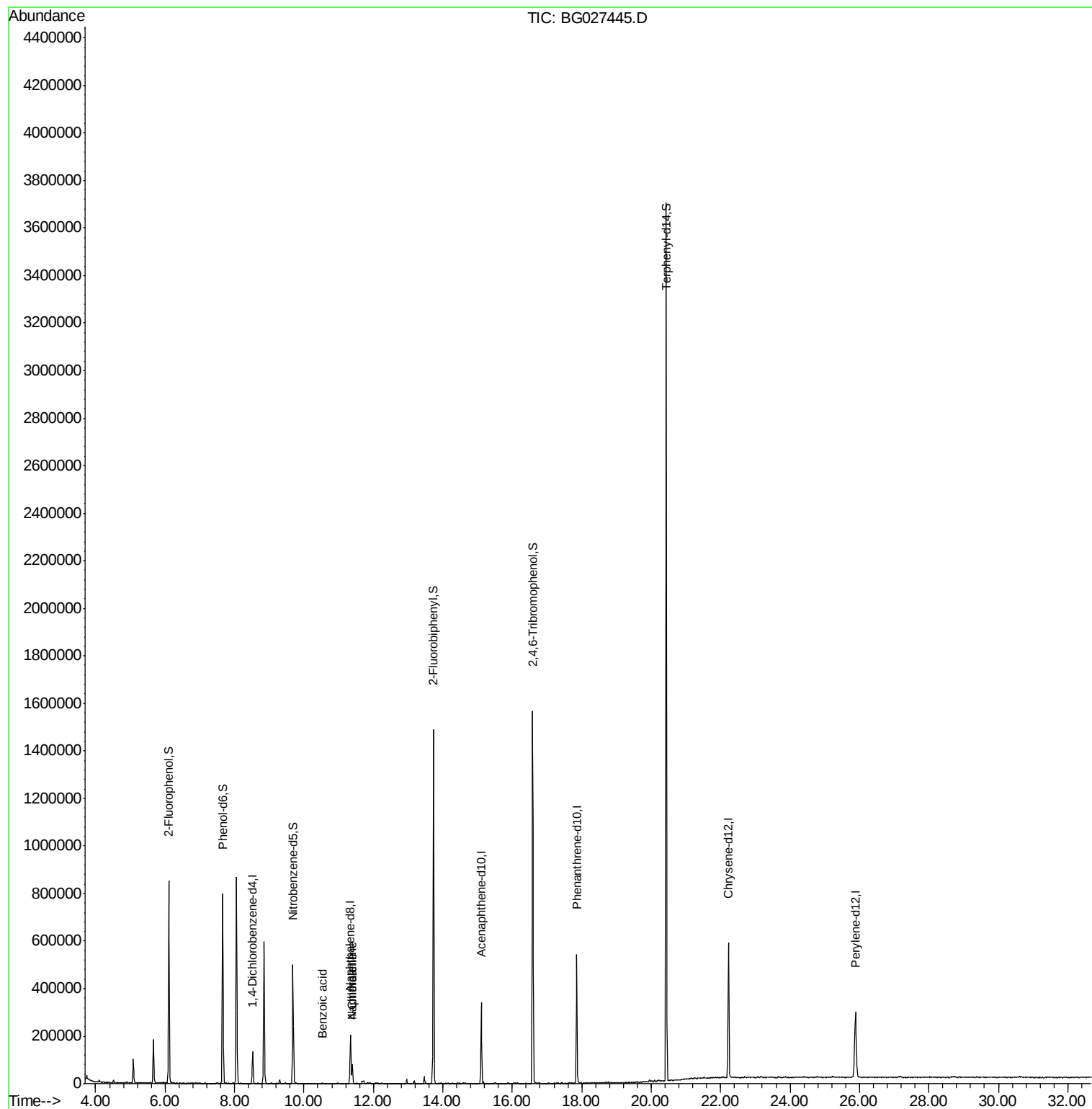
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	37346	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	170990	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	113686	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	332855	20.00	ng	0.00
75) Chrysene-d12	22.23	240	380172	20.00	ng	0.00
86) Perylene-d12	25.88	264	320582	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	379444	143.59	ng	0.00
7) Phenol-d6	7.66	99	494708	121.82	ng	0.00
23) Nitrobenzene-d5	9.68	82	334889	99.85	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	315217	184.74	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	760461	96.63	ng	0.00
78) Terphenyl-d14	20.44	244	1609013	108.48	ng	0.00
Target Compounds						
31) Naphthalene	11.39	128	68900	7.38	ng	99
32) Benzoic acid	10.53	122	412	8.84	ng	# 68
33) 4-Chloroaniline	11.39	127	9366	2.38	ng	# 29

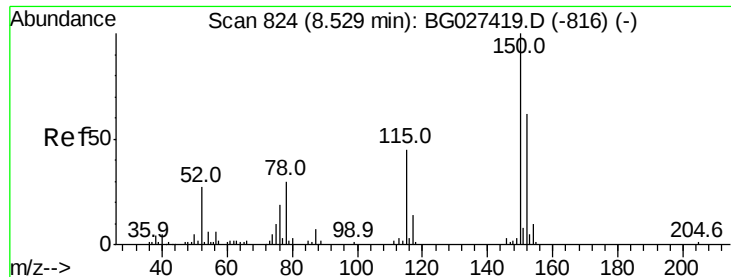
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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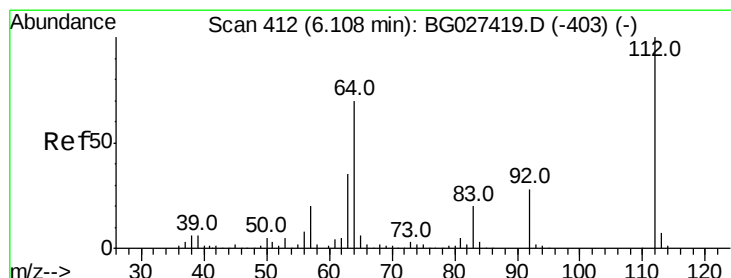
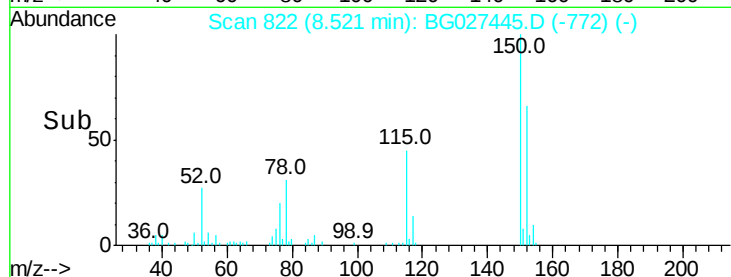
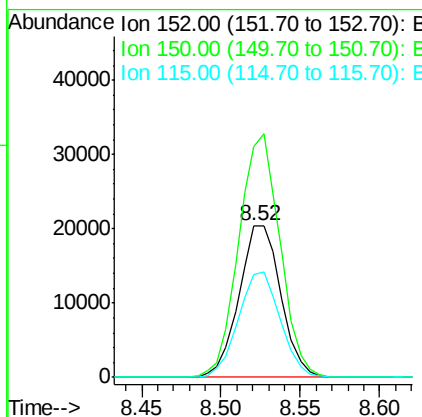
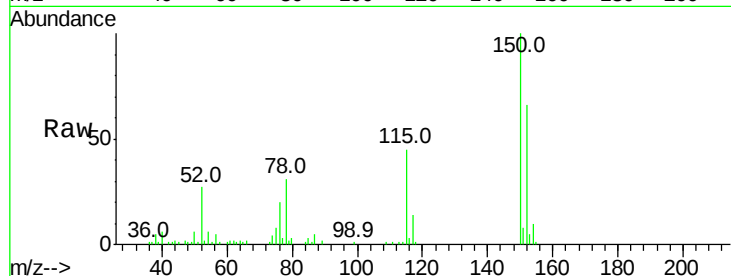


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.52 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027445.D
Acq: 15 Jun 2017 10:19

Instrument :
BNA_G
ClientSampled :

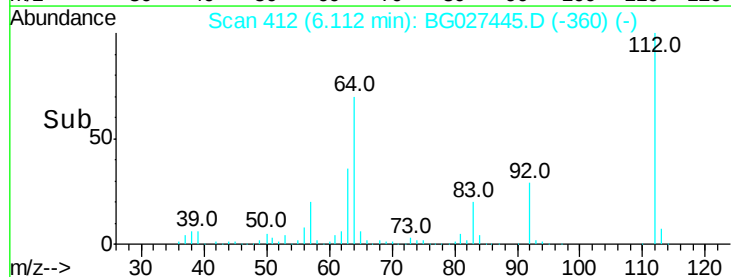
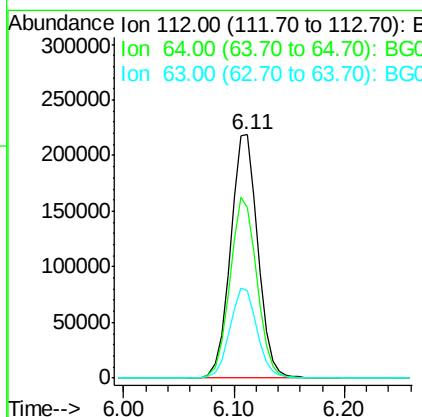
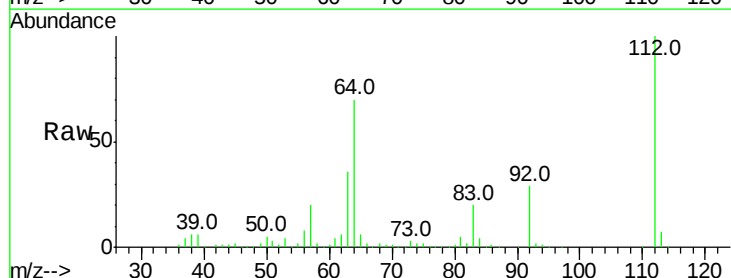
Tot Ion:152 Resp: 37346
Ion Ratio Lower Upper
152 100
150 152.4 114.0 171.0
115 67.9 48.1 72.1

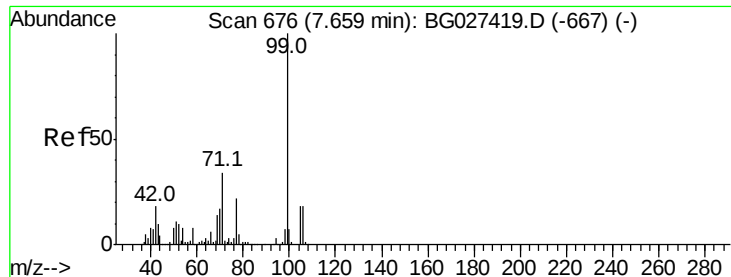


#5

2-Fluorophenol
Concen: 143.59 ng
RT: 6.11 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027445.D
Acq: 15 Jun 2017 10:19

Tgt Ion:112 Resp: 379444
Ion Ratio Lower Upper
112 100
64 70.1 61.8 92.6
63 35.7 37.2 55.8#





#7

Phenol-d6

Concen: 121.82 ng

RT: 7.66 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG027445.D

Acq: 15 Jun 2017 10:19

Instrument :

BNA_G

ClientSampleId :

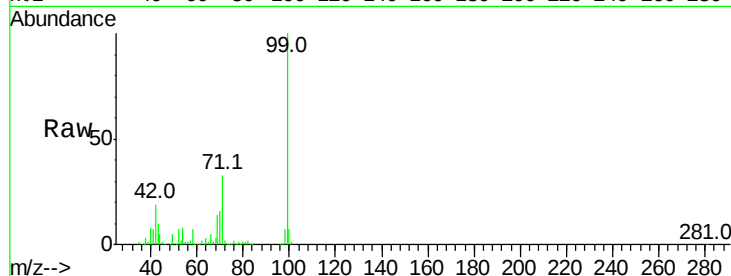
Tot Ion: 99 Resp: 494708

Ion Ratio Lower Upper

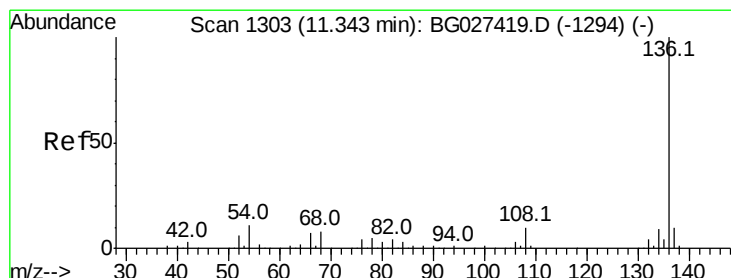
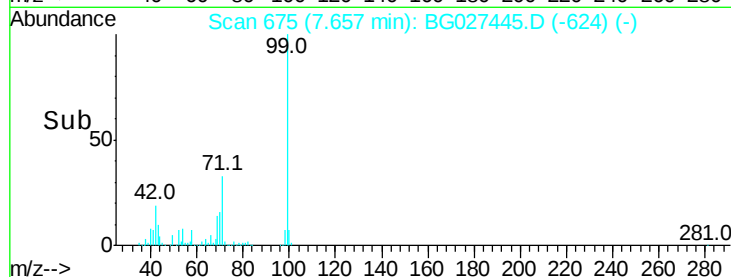
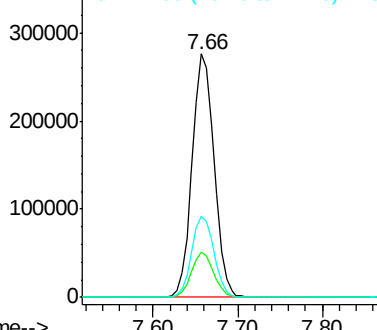
99 100

42 18.6 20.5 30.7#

71 33.4 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: 11.34 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG027445.D

Acq: 15 Jun 2017 10:19

Tgt Ion: 136 Resp: 170990

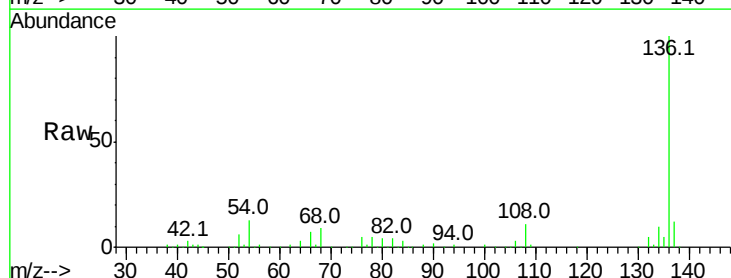
Ion Ratio Lower Upper

136 100

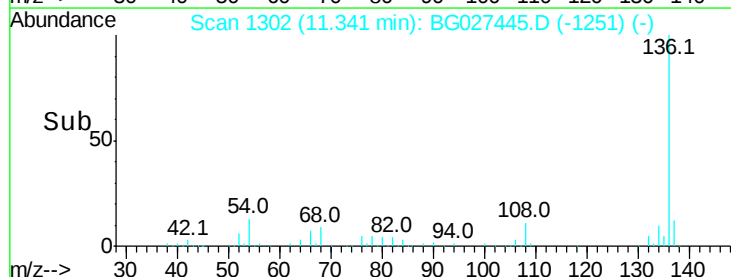
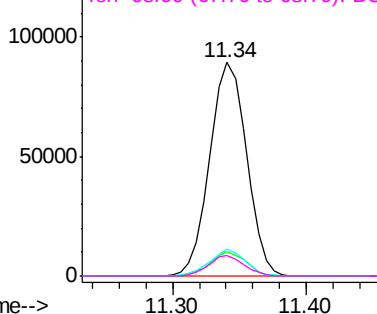
137 11.6 8.9 13.3

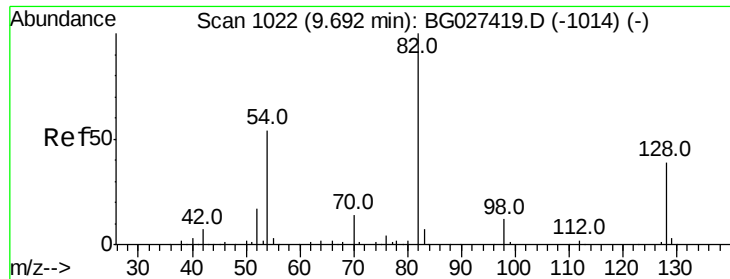
54 12.8 9.3 13.9

68 9.5 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

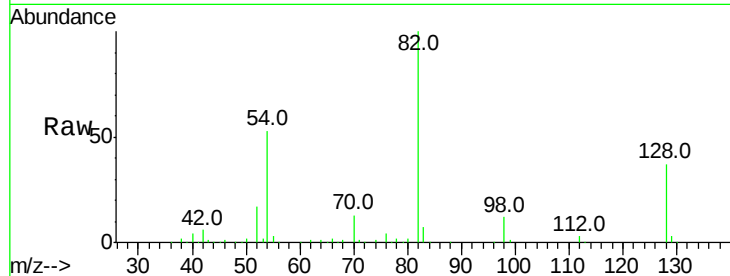




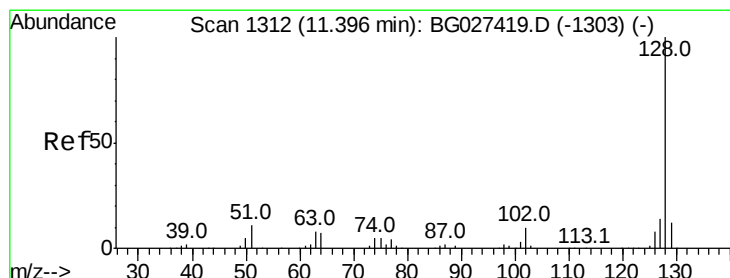
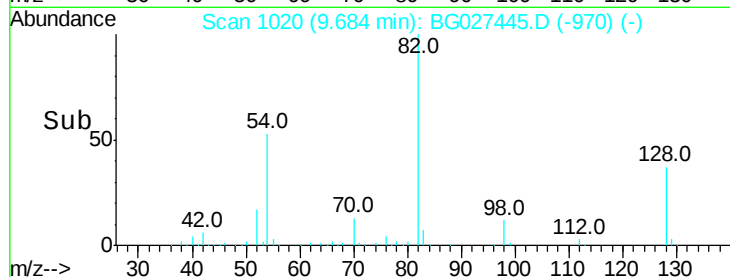
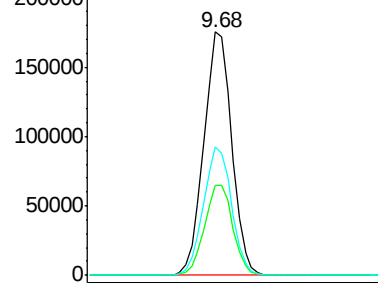
#23
 Nitrobenzene-d5
 Concen: 99.85 ng
 RT: 9.68 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027445.D
 Acq: 15 Jun 2017 10:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	334889
Ion Ratio	100	Lower	Upper
128	36.8	26.4	39.6
54	52.8	49.4	74.2

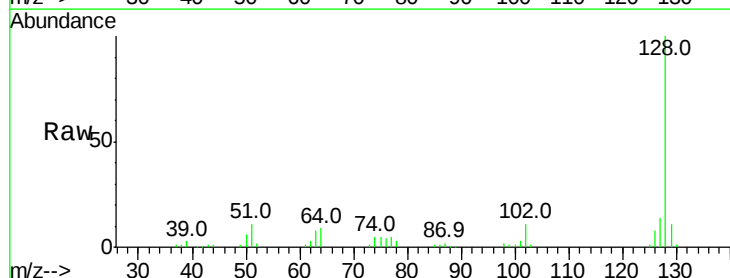


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

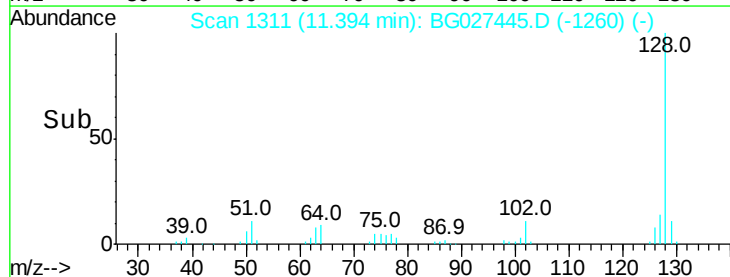
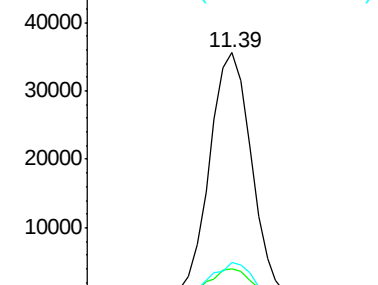


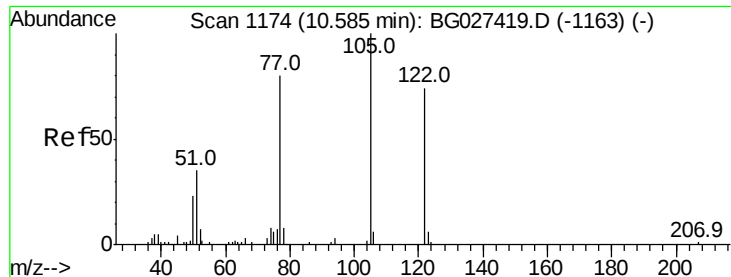
#31
 Naphthalene
 Concen: 7.38 ng
 RT: 11.39 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG027445.D
 Acq: 15 Jun 2017 10:19

Tgt Ion	128	Resp	68900
Ion Ratio	100	Lower	Upper
129	11.0	9.3	13.9
127	14.0	11.4	17.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#32

Benzoic acid

Concen: 8.84 ng

RT: 10.53 min Scan# 1164

Delta R.T. -0.05 min

Lab File: BG027445.D

Acq: 15 Jun 2017 10:19

Instrument :

BNA_G

ClientSampleId :

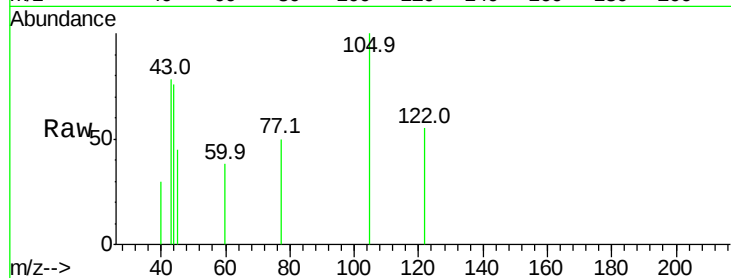
Tot Ion:122 Resp: 412

Ion Ratio Lower Upper

122 100

105 182.7 120.1 160.1#

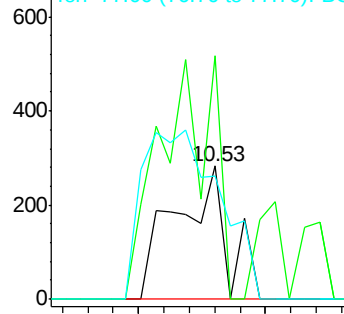
77 92.2 104.6 144.6#



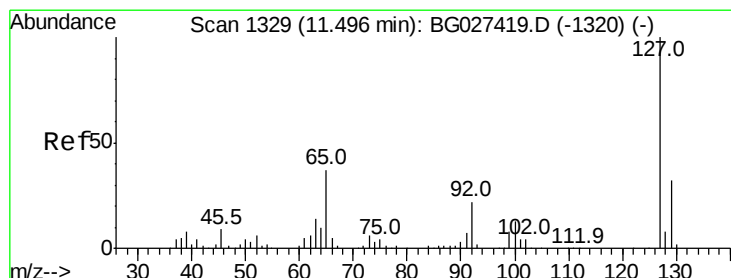
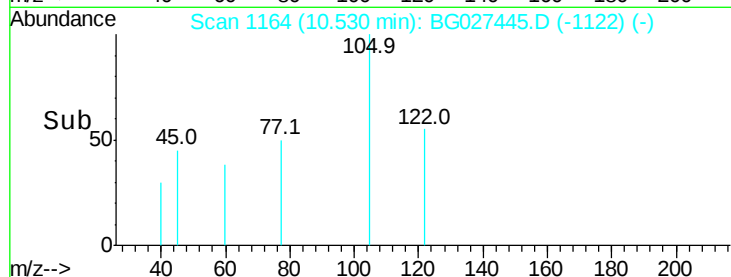
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



Time-->



#33

4-Chloroaniline

Concen: 2.38 ng

RT: 11.39 min Scan# 1311

Delta R.T. -0.10 min

Lab File: BG027445.D

Acq: 15 Jun 2017 10:19

Tgt Ion:127 Resp: 9366

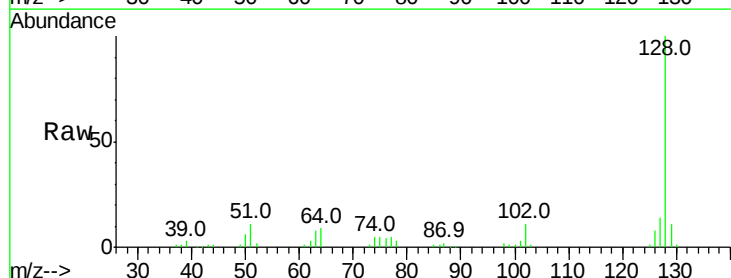
Ion Ratio Lower Upper

127 100

129 78.6 23.6 35.4#

65 0.0 37.7 56.5#

92 0.0 17.6 26.4#

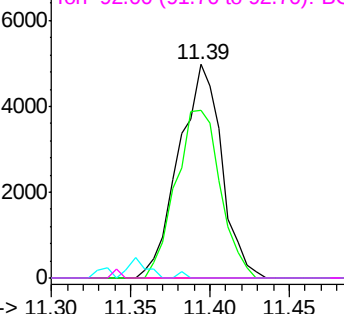


Abundance Ion 127.00 (126.70 to 127.70): E

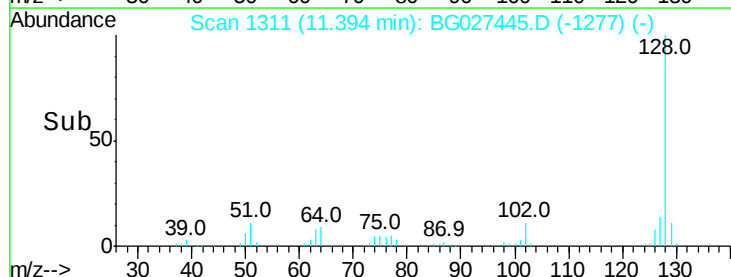
Ion 129.00 (128.70 to 129.70): E

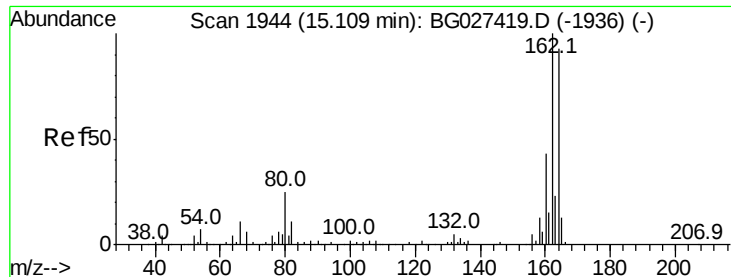
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



Time-->

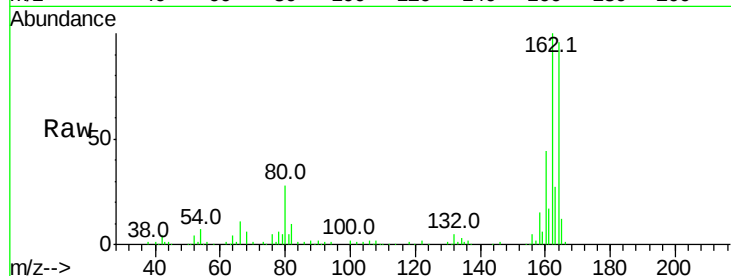




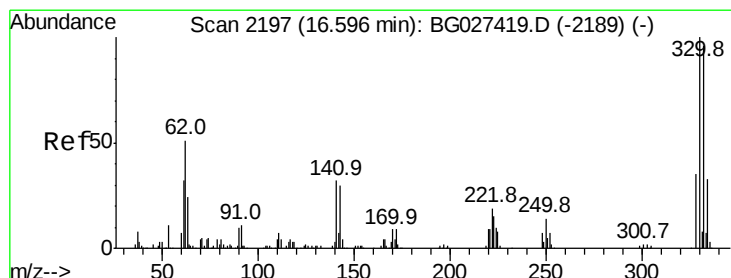
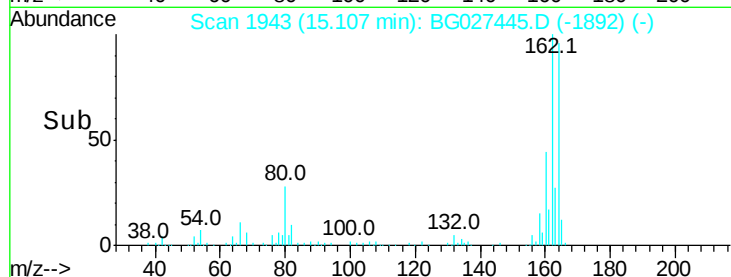
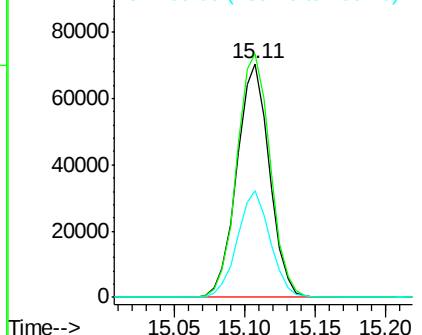
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: BG027445.D
 Acq: 15 Jun 2017 10:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 113686
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.1 127.7
 160 45.8 34.7 52.1

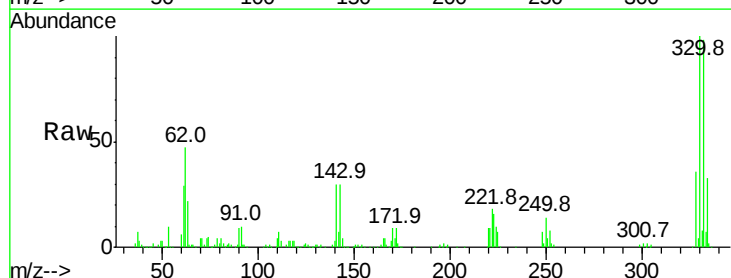


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

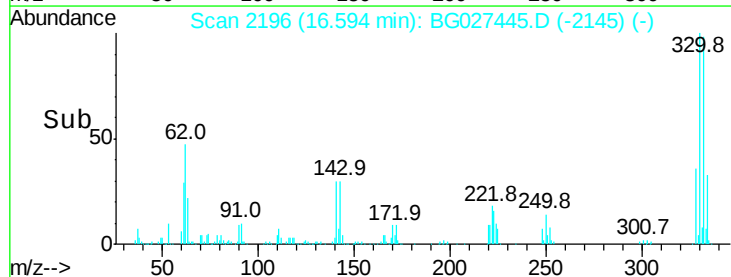
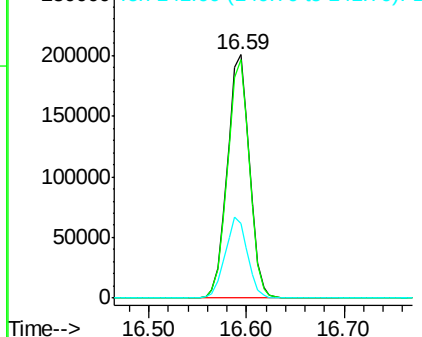


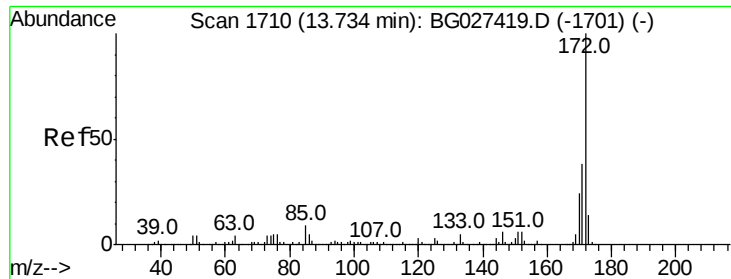
#41
 2,4,6-Tribromophenol
 Concen: 184.74 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BG027445.D
 Acq: 15 Jun 2017 10:19

Tgt Ion:330 Resp: 315217
 Ion Ratio Lower Upper
 330 100
 332 97.1 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

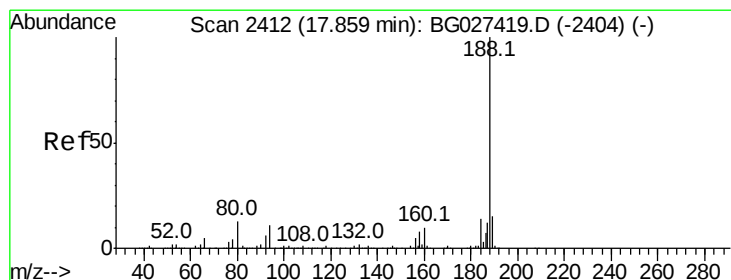
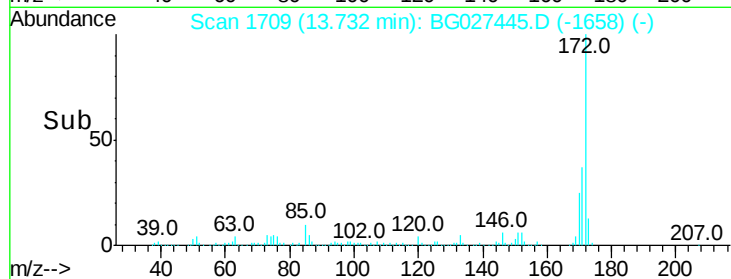
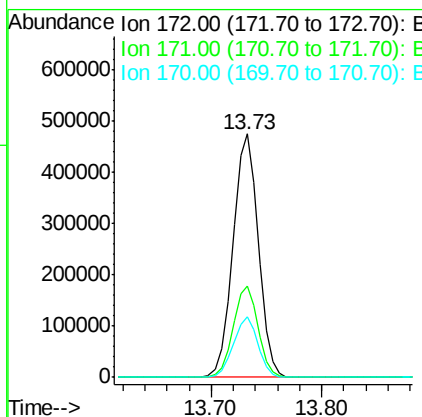
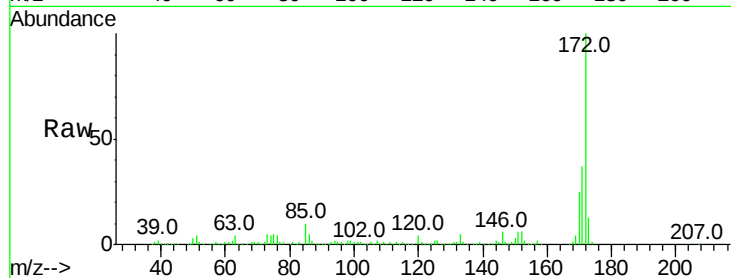




#44
 2-Fluorobiphenyl
 Concen: 96.63 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG027445.D
 Acq: 15 Jun 2017 10:19

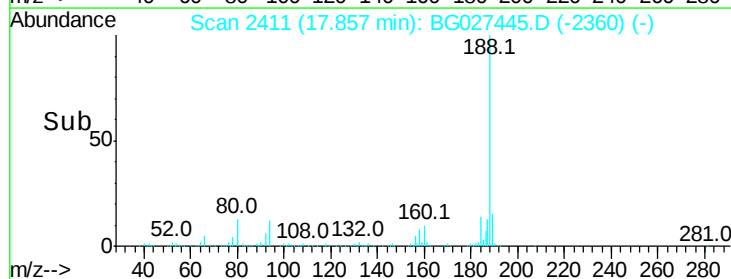
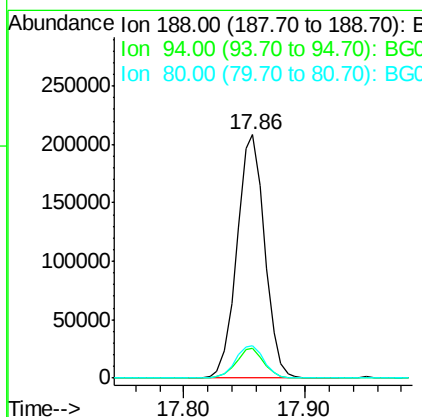
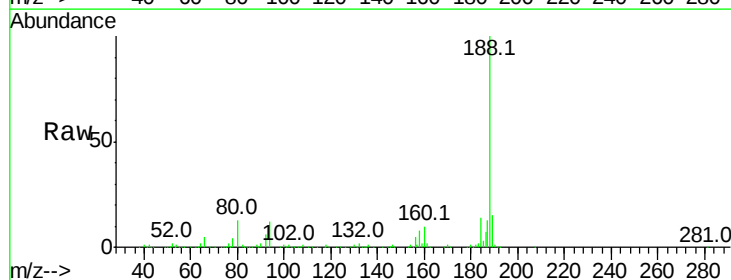
Instrument :
 BNA_G
 ClientSampleId :

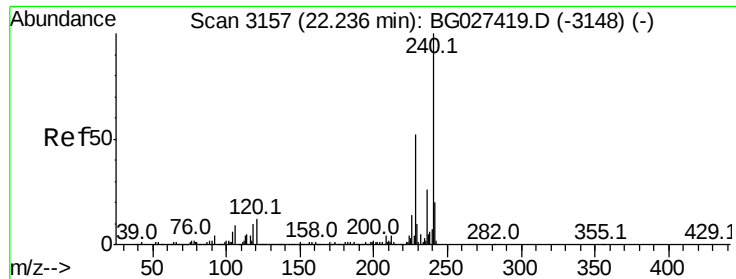
Tot Ion:172 Resp: 760461
 Ion Ratio Lower Upper
 172 100
 171 37.3 32.2 48.2
 170 25.0 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.86 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BG027445.D
 Acq: 15 Jun 2017 10:19

Tgt Ion:188 Resp: 332855
 Ion Ratio Lower Upper
 188 100
 94 12.2 5.8 8.8#
 80 13.3 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.23 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG027445.D

Acq: 15 Jun 2017 10:19

Instrument :

BNA_G

ClientSampled :

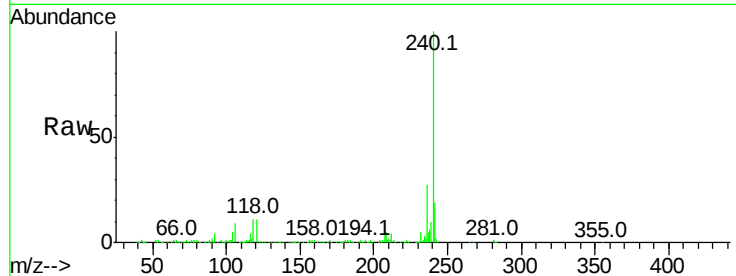
Tot Ion:240 Resp: 380172

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

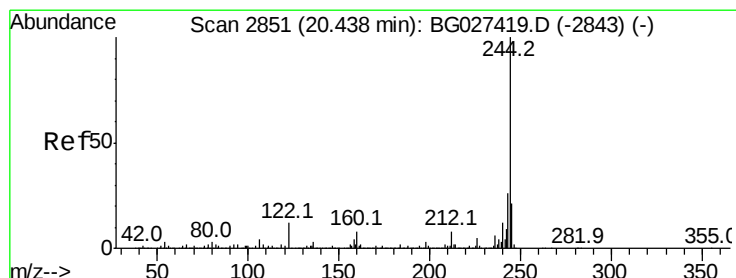
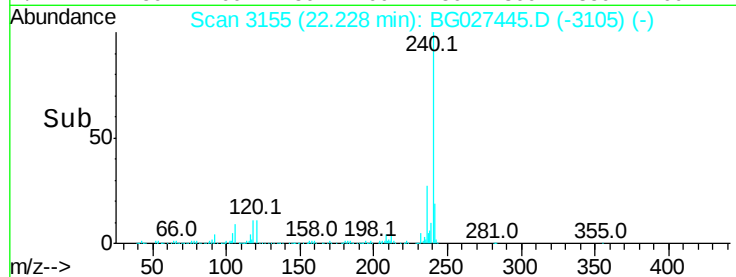
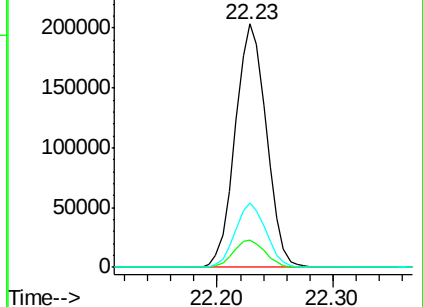
236 26.7 22.2 33.4



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: 108.48 ng

RT: 20.44 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG027445.D

Acq: 15 Jun 2017 10:19

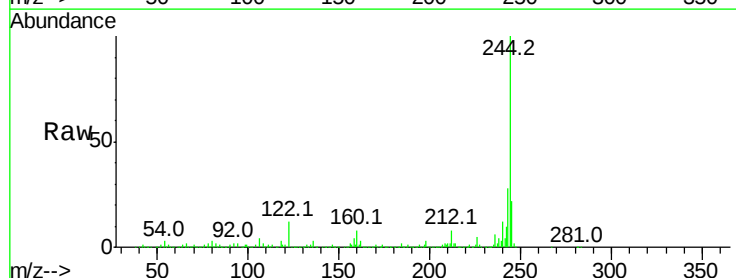
Tgt Ion:244 Resp: 1609013

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

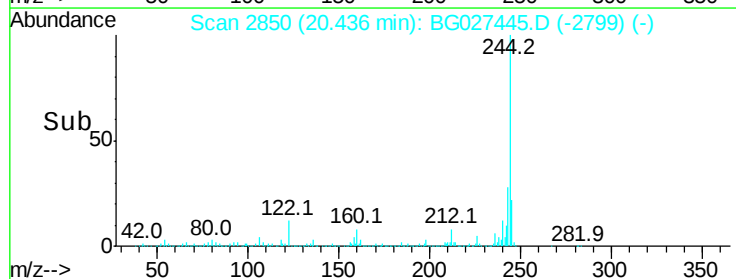
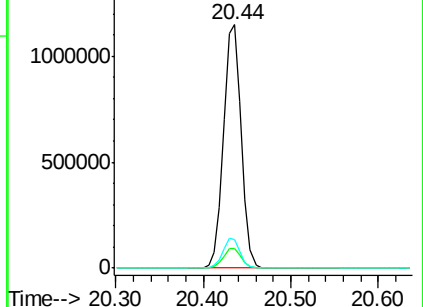
122 11.6 8.6 12.8

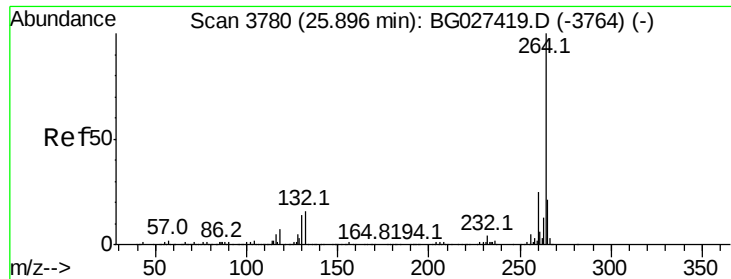


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.88 min Scan# 3777
 Delta R.T. -0.01 min
 Lab File: BG027445.D
 Acq: 15 Jun 2017 10:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 320582
 Ion Ratio Lower Upper
 264 100
 260 25.8 21.8 32.8
 265 20.6 18.2 27.4

