

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
 Data File : BG028296.D
 Acq On : 11 Aug 2017 18:57
 Operator : SJ/JU
 Sample : I4557-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Quant Time: Aug 11 23:29:25 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 11 22:57:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	41823	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	192442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	133564	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	297255	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	341407	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	326927	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	2803	3.12	ng/uL	0.00
5) Phenol-d5	7.50	99	76400	16.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	47238	16.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	51993	17.94	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	67546	17.59	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	28598	19.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	34584	20.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	68409	20.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	83813	22.06	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	227238	19.13	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	264104	19.72	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	31771	16.82	ng/ul	0.00
57) Fluorene-d10	15.95	176	201267	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	37607	19.48	ng/ul	0.00
70) Anthracene-d10	17.81	188	308997	21.68	ng/ul	0.00
76) Pyrene-d10	20.08	212	338634	19.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	317551	20.75	ng/ul	0.00

Target Compounds

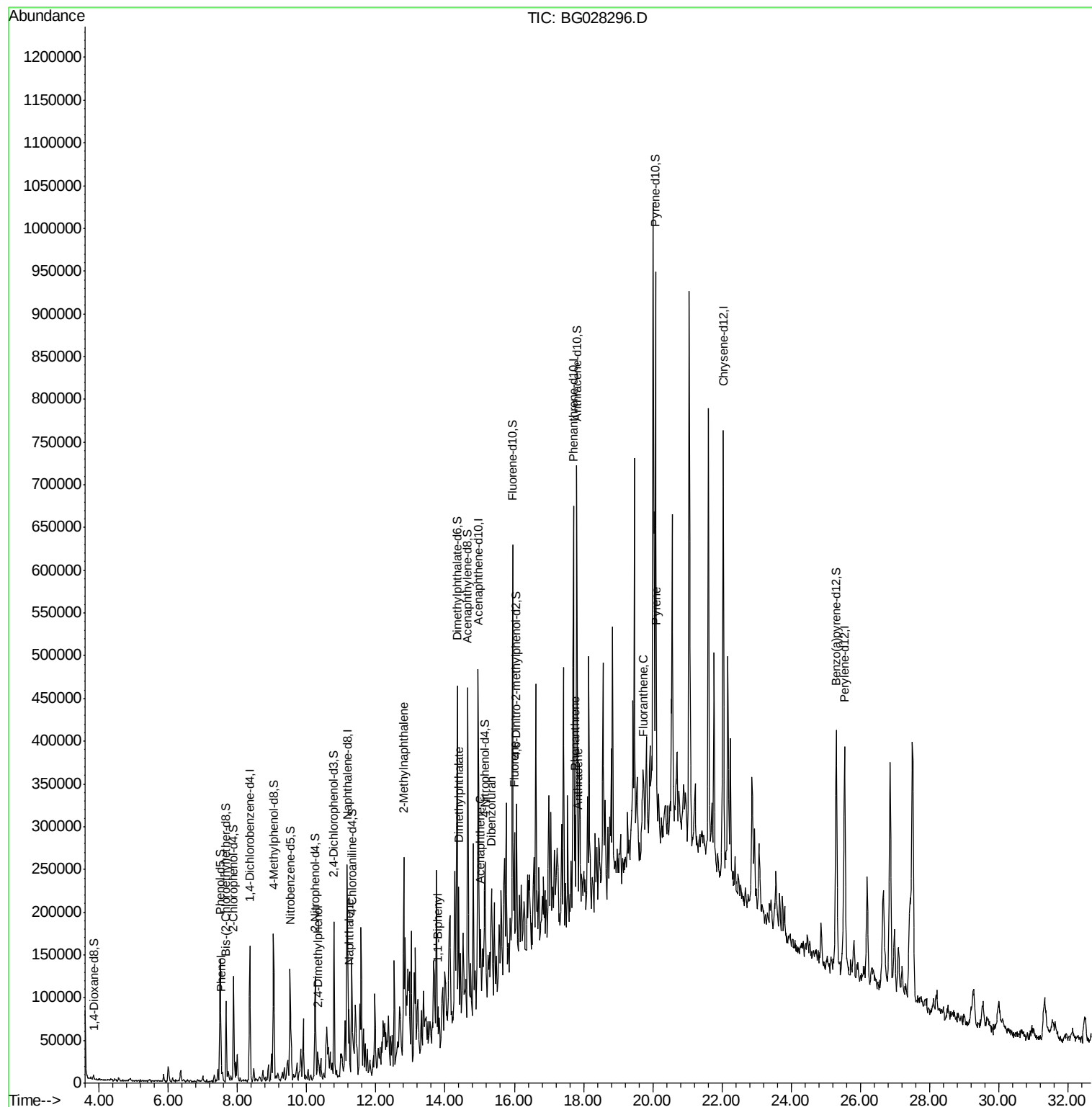
					Qvalue	
6) Phenol	7.53	94	10196	2.234	ng/ul#	85
24) 2,4-Dimethylphenol	10.32	107	14364	3.470	ng/ul#	93
28) Naphthalene	11.22	128	53008	5.562	ng/ul#	95
34) 2-Methylnaphthalene	12.80	142	109215	14.266	ng/ul	88
40) 1,1'-Biphenyl	13.80	154	20738	2.126	ng/ul	96
44) Dimethylphthalate	14.40	163	93997	8.594	ng/ul#	99
49) Acenaphthene	15.02	153	11897	1.378	ng/ul#	90
53) Dibenzofuran	15.35	168	39864	3.166	ng/ul	88
58) Fluorene	16.00	166	64755	5.809	ng/ul	94
69) Phenanthrene	17.75	178	67136	4.488	ng/ul	92
71) Anthracene	17.84	178	21651	1.416	ng/ul#	76
74) Fluoranthene	19.75	202	21629	1.190	ng/ul	98
77) Pyrene	20.11	202	29361	1.441	ng/ul#	92

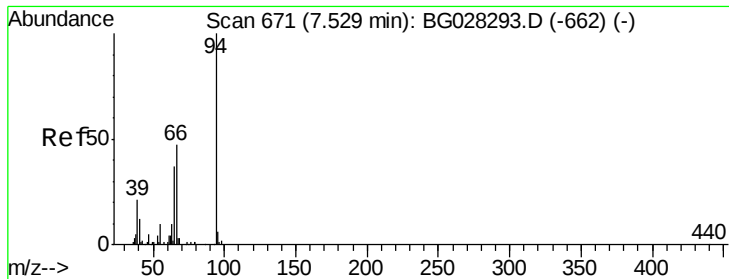
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 22:57:36 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.234 ng/ul

RT: 7.53 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG028296.D

Acq: 11 Aug 2017 18:57

Instrument :

BNA_G

ClientSampleId :

C0AC4

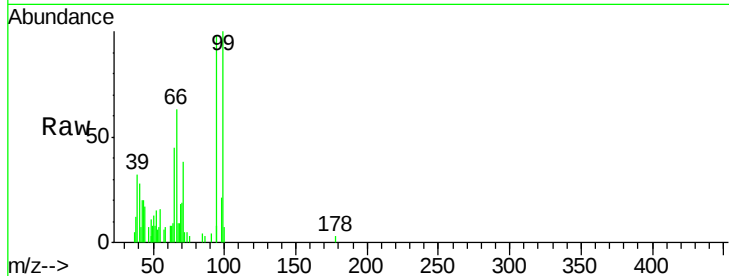
Tgt Ion: 94 Resp: 10196

Ion Ratio Lower Upper

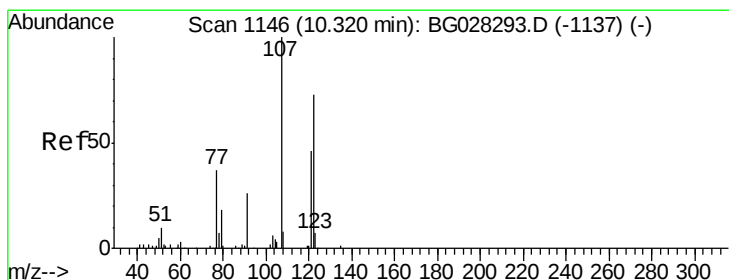
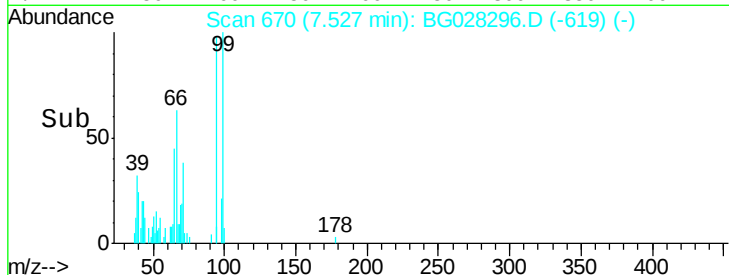
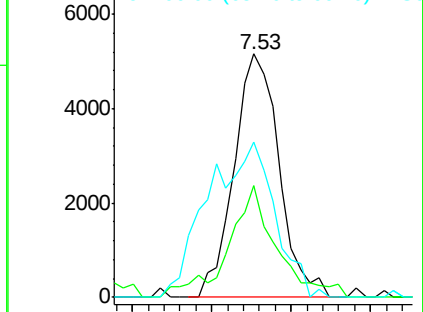
94 100

65 45.8 26.8 40.2#

66 63.8 44.4 66.6



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



#24

2,4-Dimethylphenol

Concen: 3.470 ng/ul

RT: 10.32 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG028296.D

Acq: 11 Aug 2017 18:57

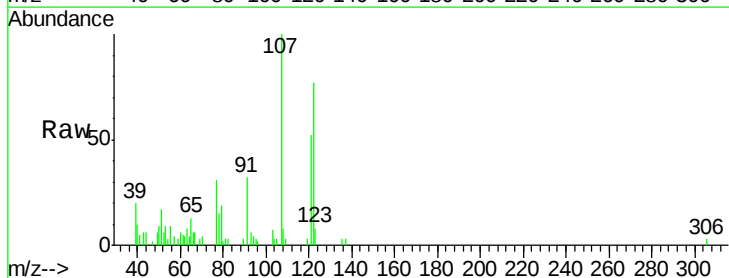
Tgt Ion: 107 Resp: 14364

Ion Ratio Lower Upper

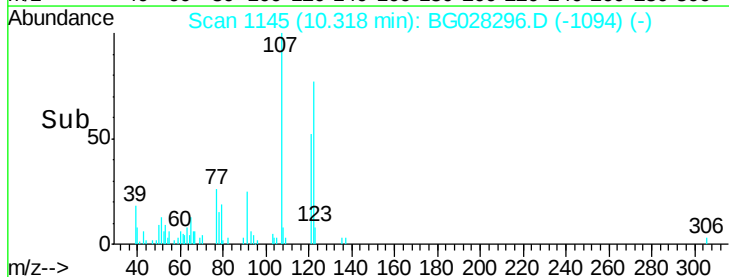
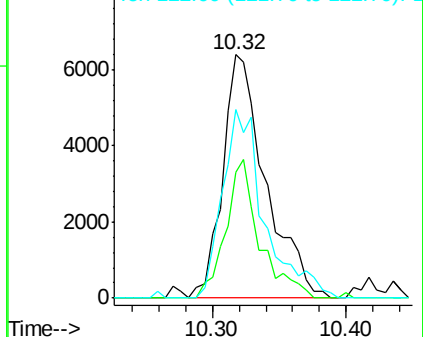
107 100

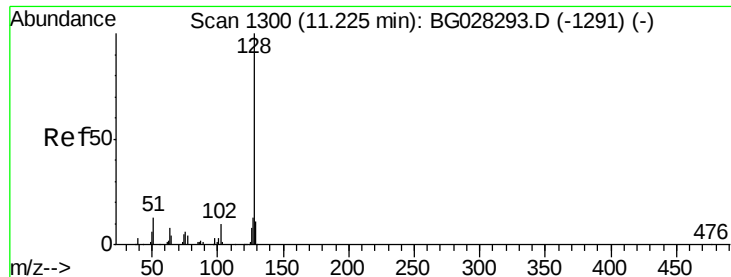
121 51.5 32.3 48.5#

122 77.5 61.2 91.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E





#28

Naphthalene

Concen: 5.562 ng/ul

RT: 11.22 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG028296.D

Acq: 11 Aug 2017 18:57

Instrument :

BNA_G

ClientSampleId :

C0AC4

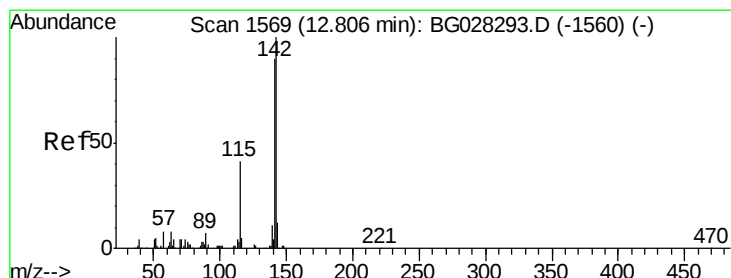
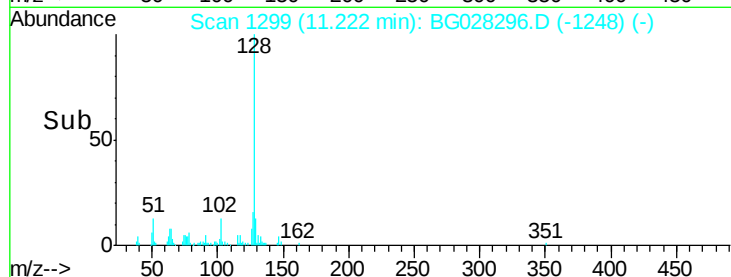
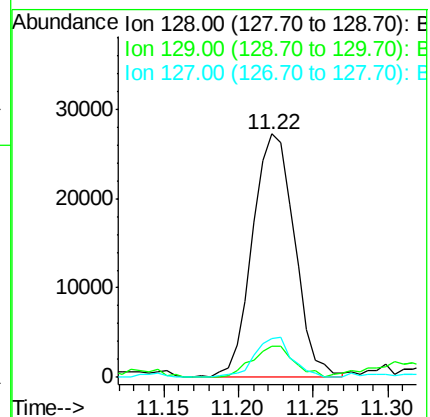
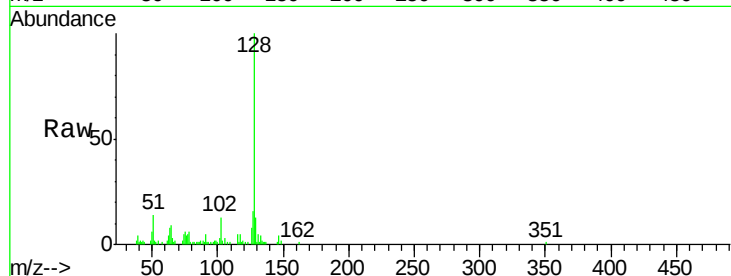
Tgt Ion:128 Resp: 53008

Ion Ratio Lower Upper

128 100

129 12.9 9.4 14.2

127 16.1 10.3 15.5#



#34

2-Methylnaphthalene

Concen: 14.266 ng/ul

RT: 12.80 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BG028296.D

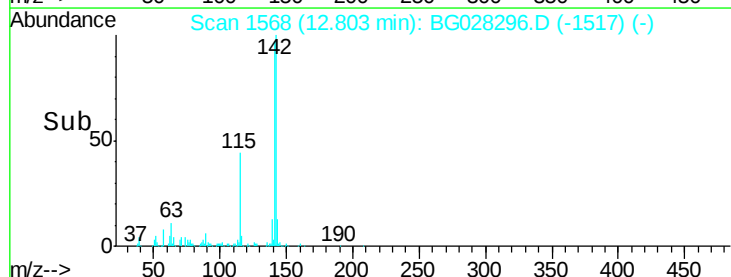
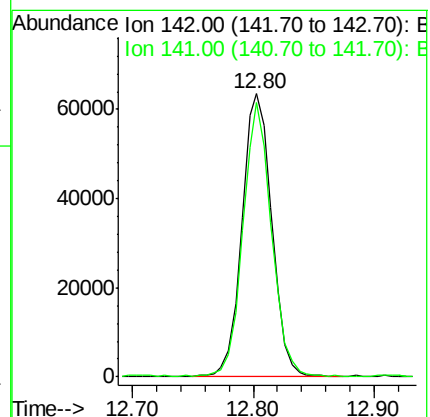
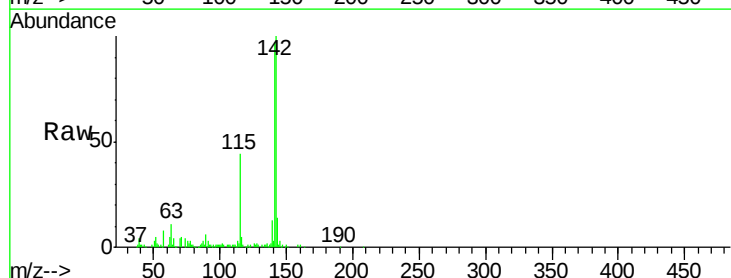
Acq: 11 Aug 2017 18:57

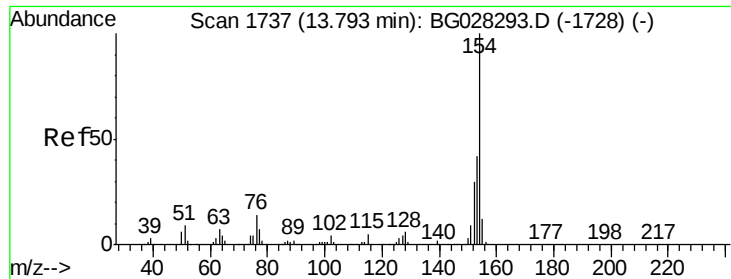
Tgt Ion:142 Resp: 109215

Ion Ratio Lower Upper

142 100

141 96.9 68.6 102.8

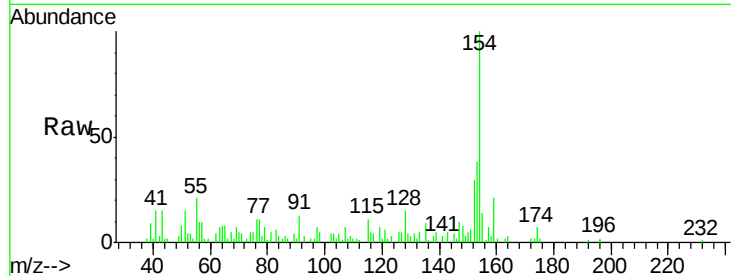




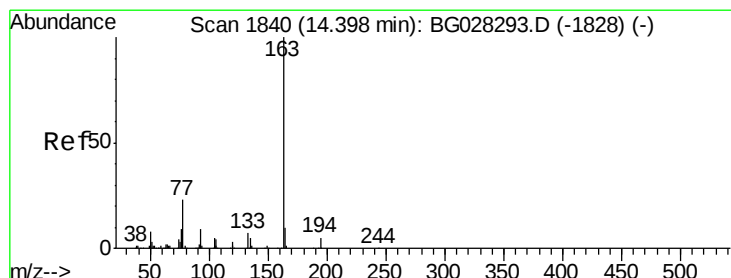
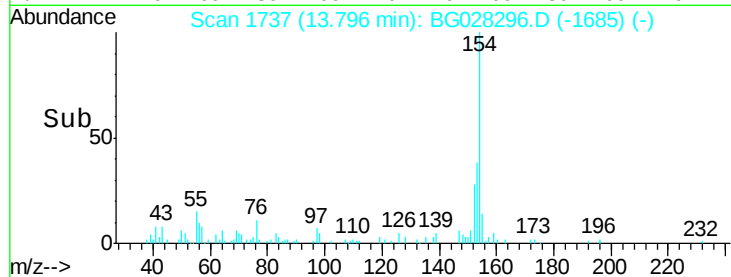
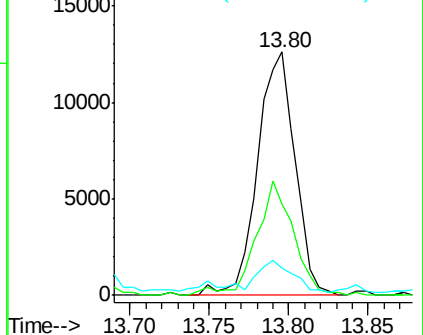
#40
 1,1'-Biphenyl
 Concen: 2.126 ng/ul
 RT: 13.80 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG028296.D
 Acq: 11 Aug 2017 18:57

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Tgt Ion:154 Resp: 20738
 Ion Ratio Lower Upper
 154 100
 153 37.6 32.2 48.2
 76 11.4 9.6 14.4

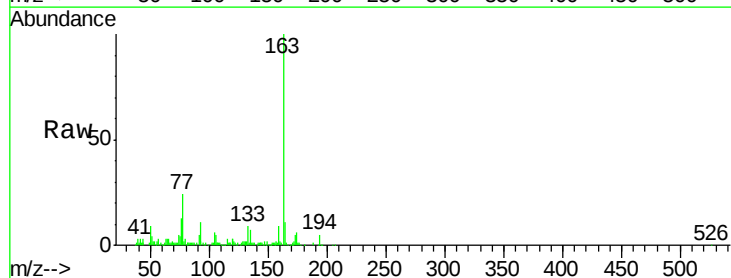


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

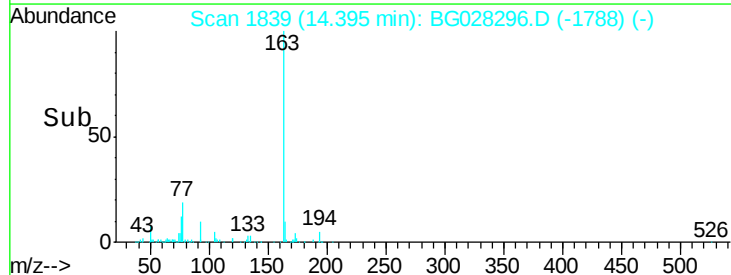
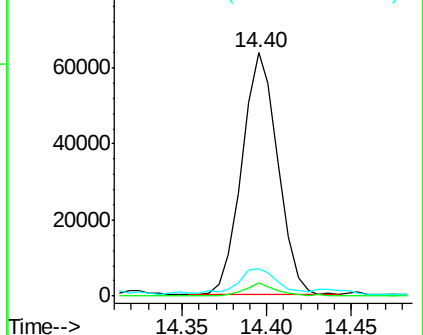


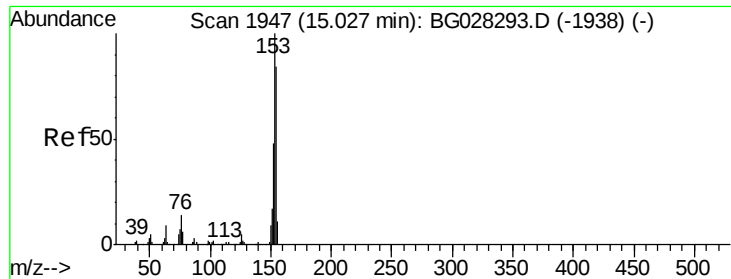
#44
 Dimethylphthalate
 Concen: 8.594 ng/ul
 RT: 14.40 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG028296.D
 Acq: 11 Aug 2017 18:57

Tgt Ion:163 Resp: 93997
 Ion Ratio Lower Upper
 163 100
 194 5.2 3.4 5.0#
 164 11.4 9.0 13.4



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





#49

Acenaphthene

Concen: 1.378 ng/ul

RT: 15.02 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG028296.D

Acq: 11 Aug 2017 18:57

Instrument :

BNA_G

ClientSampleId :

C0AC4

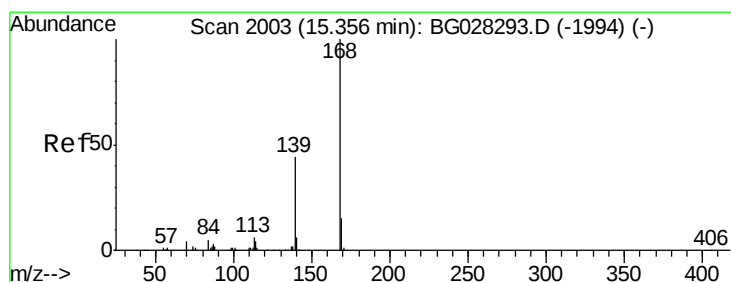
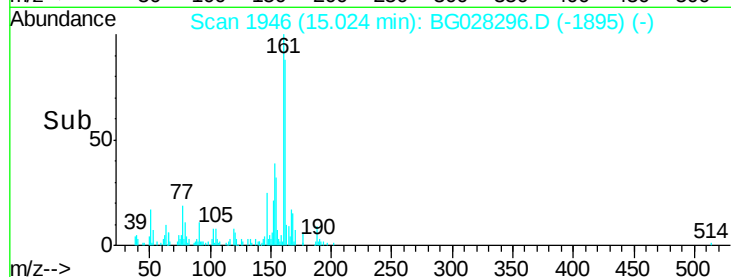
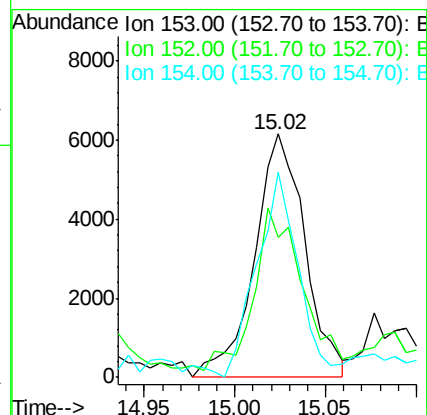
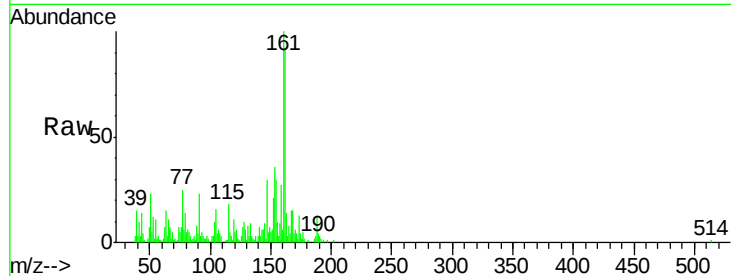
Tgt Ion:153 Resp: 11897

Ion Ratio Lower Upper

153 100

152 57.4 36.5 54.7#

154 84.5 72.3 108.5



#53

Dibenzofuran

Concen: 3.166 ng/ul

RT: 15.35 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG028296.D

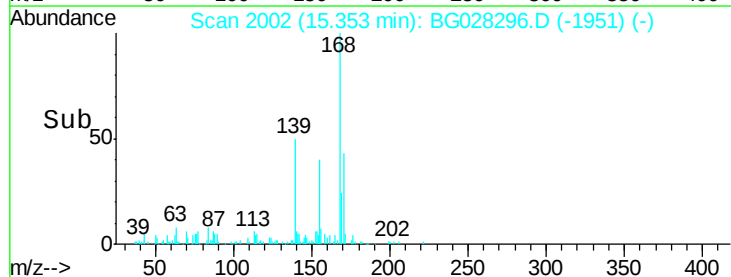
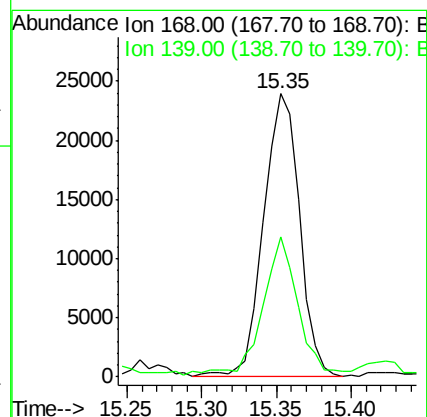
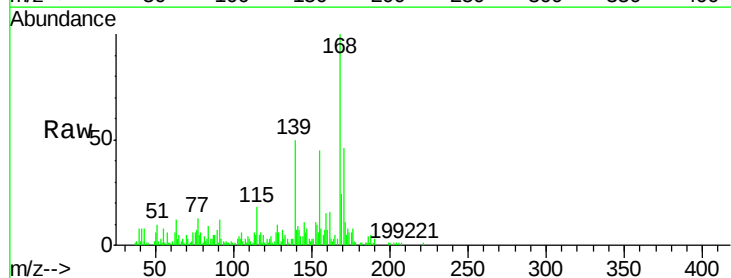
Acq: 11 Aug 2017 18:57

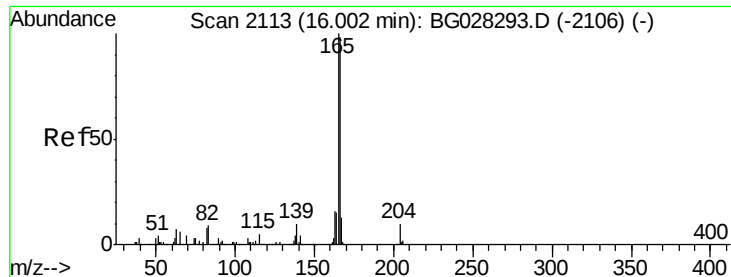
Tgt Ion:168 Resp: 39864

Ion Ratio Lower Upper

168 100

139 49.7 33.8 50.8





#58

Fluorene

Concen: 5.809 ng/ul

RT: 16.00 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG028296.D

Acq: 11 Aug 2017 18:57

Instrument :

BNA_G

ClientSampleId :

C0AC4

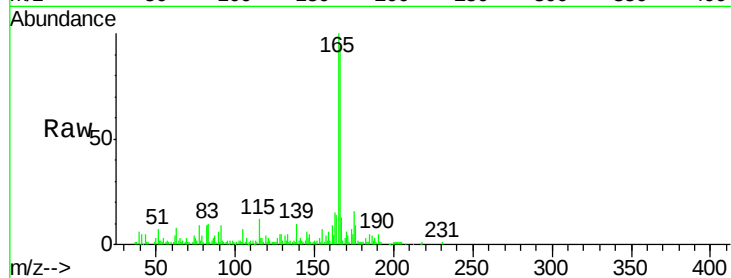
Tgt Ion:166 Resp: 64755

Ion Ratio Lower Upper

166 100

165 106.1 79.7 119.5

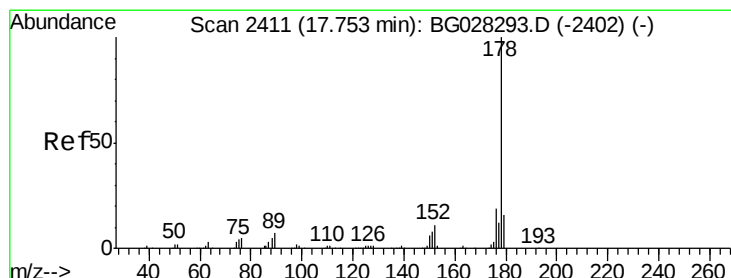
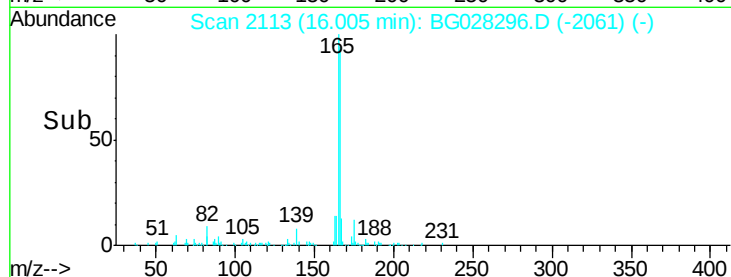
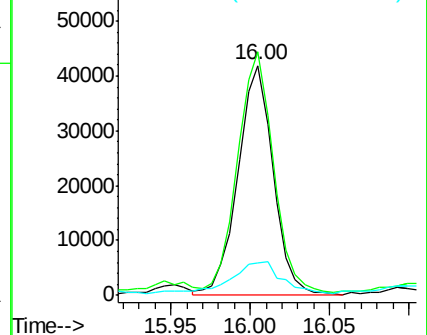
167 14.3 11.4 17.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 4.488 ng/ul

RT: 17.75 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG028296.D

Acq: 11 Aug 2017 18:57

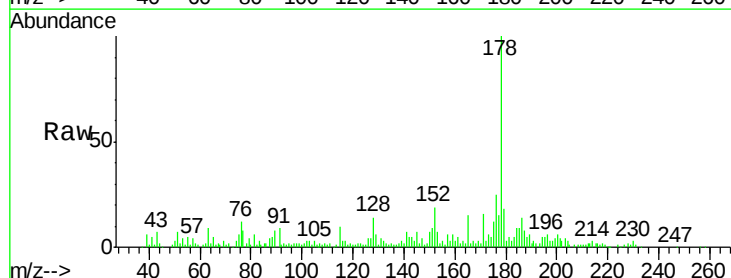
Tgt Ion:178 Resp: 67136

Ion Ratio Lower Upper

178 100

179 18.2 12.4 18.6

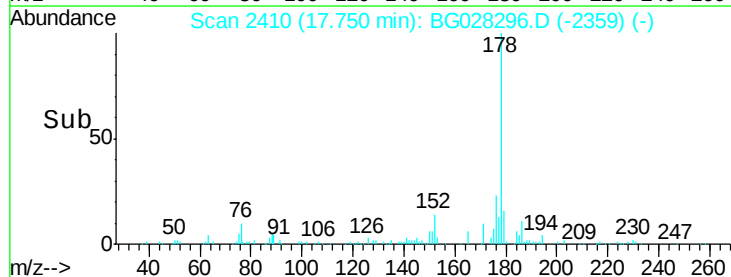
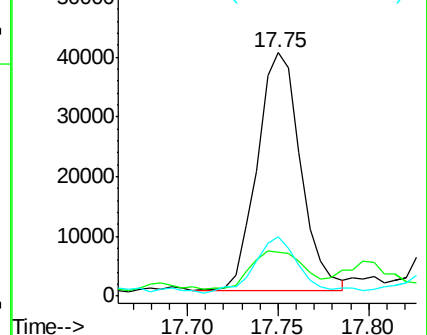
176 24.6 16.5 24.7

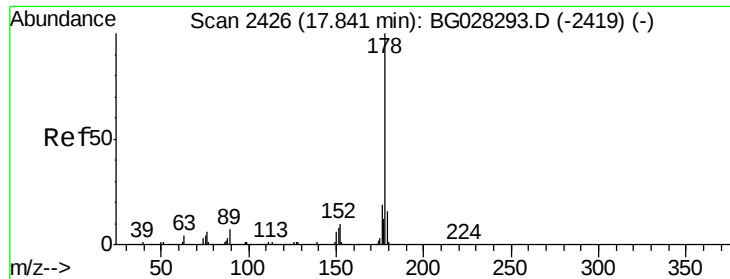


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

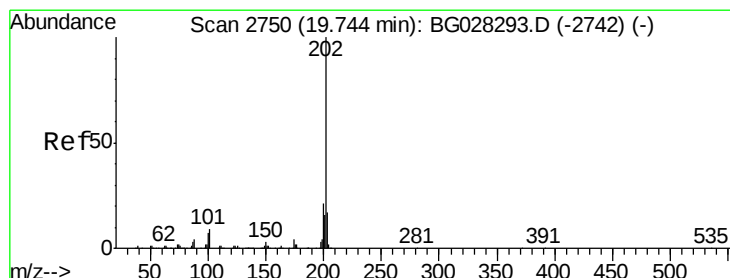
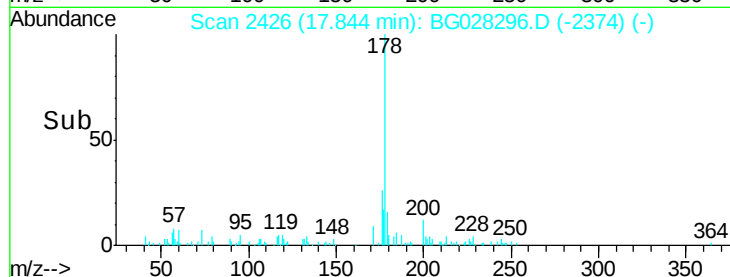
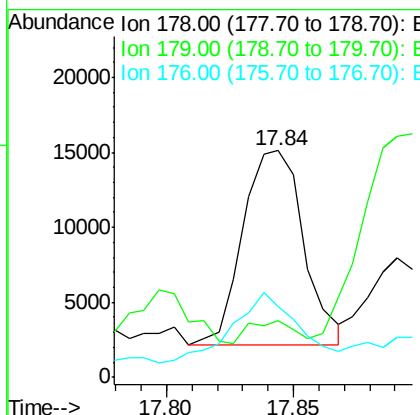
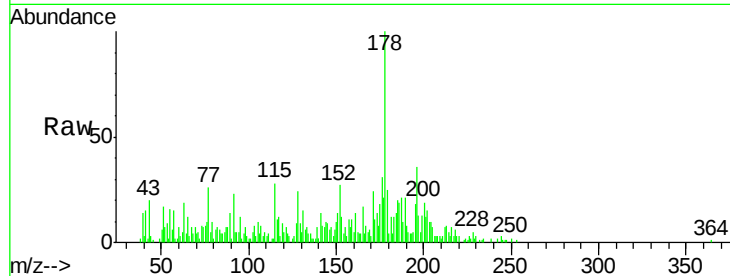




#71
 Anthracene
 Concen: 1.416 ng/ul
 RT: 17.84 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BG028296.D
 Acq: 11 Aug 2017 18:57

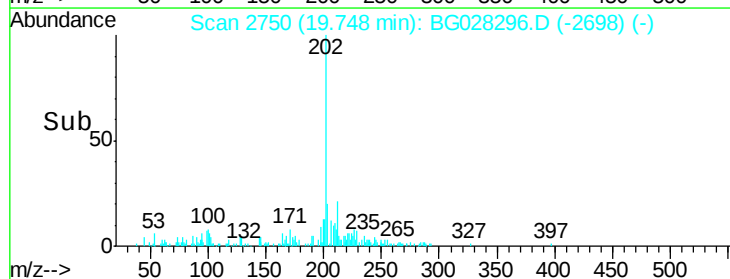
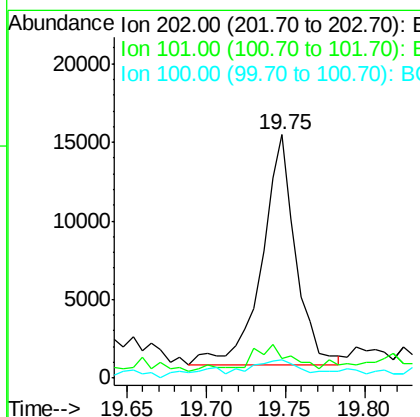
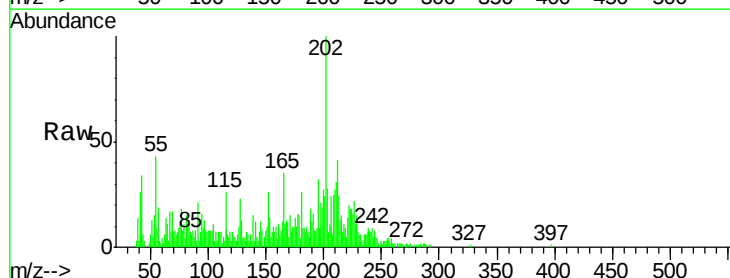
Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

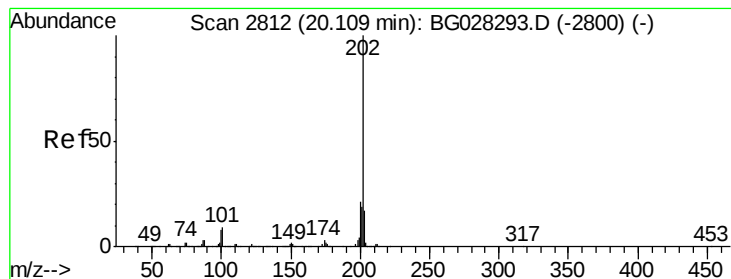
Tgt Ion:178 Resp: 21651
 Ion Ratio Lower Upper
 178 100
 179 24.9 12.6 19.0#
 176 31.4 15.9 23.9#



#74
 Fluoranthene
 Concen: 1.190 ng/ul
 RT: 19.75 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: BG028296.D
 Acq: 11 Aug 2017 18:57

Tgt Ion:202 Resp: 21629
 Ion Ratio Lower Upper
 202 100
 101 8.3 6.2 9.2
 100 7.6 5.2 7.8





#77

Pyrene

Concen: 1.441 ng/ul

RT: 20.11 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG028296.D

Acq: 11 Aug 2017 18:57

Instrument :

BNA_G

ClientSampleId :

C0AC4

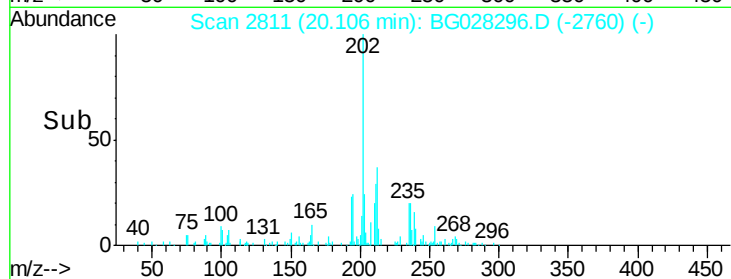
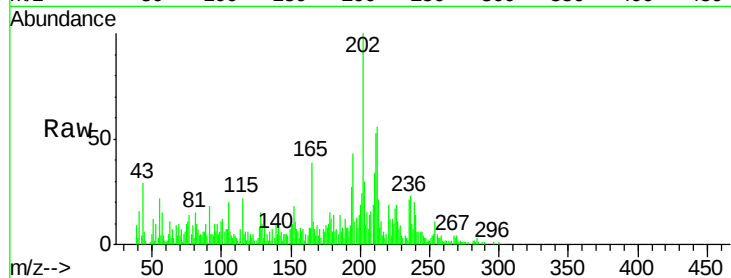
Tgt Ion: 202 Resp: 29361

Ion Ratio Lower Upper

202 100

101 12.1 6.9 10.3#

100 10.7 6.6 10.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

