

Data File : BG027502.D
Acq On : 17 Jun 2017 11:13
Operator : SJ/MA
Sample : I3599-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5B26

Quant Time: Jun 19 00:58:45 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 19 00:57:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	39197	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	200734	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	133943	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	335212	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	355074	20.00	ng/ul	0.00
83) Perylene-d12	25.88	264	341953	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	4.08	96	3965	4.05	ng/uL	0.00
5) Phenol-d5	7.65	99	93130	21.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	69569	24.01	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	64774	23.06	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	76677	23.07	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	33148	22.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	36157	23.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	67476	23.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	98304	26.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	266187	23.74	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	307760	23.83	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	42088	19.18	ng/ul	0.00
57) Fluorene-d10	16.09	176	241364	22.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	40277	19.35	ng/ul	0.00
70) Anthracene-d10	17.95	188	396778	25.39	ng/ul	0.00
76) Pyrene-d10	20.22	212	441607	25.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	381718	24.79	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.68	94	7216	1.62	ng/ul	92
28) Naphthalene	11.39	128	397851	38.57	ng/ul	98
34) 2-Methylnaphthalene	12.95	142	24909	3.26	ng/ul	94
44) Dimethylphthalate	14.53	163	100222	9.01	ng/ul	98
49) Acenaphthene	15.16	153	20607	2.28	ng/ul	93
53) Dibenzofuran	15.50	168	29721	2.26	ng/ul	90
58) Fluorene	16.14	166	19448	1.78	ng/ul	95
69) Phenanthrene	17.90	178	86415	4.80	ng/ul	99
71) Anthracene	17.90	178	86415	4.72	ng/ul	100
72) Carbazole	18.25	167	50107	3.18	ng/ul	97
74) Fluoranthene	19.89	202	30201	1.49	ng/ul#	84

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

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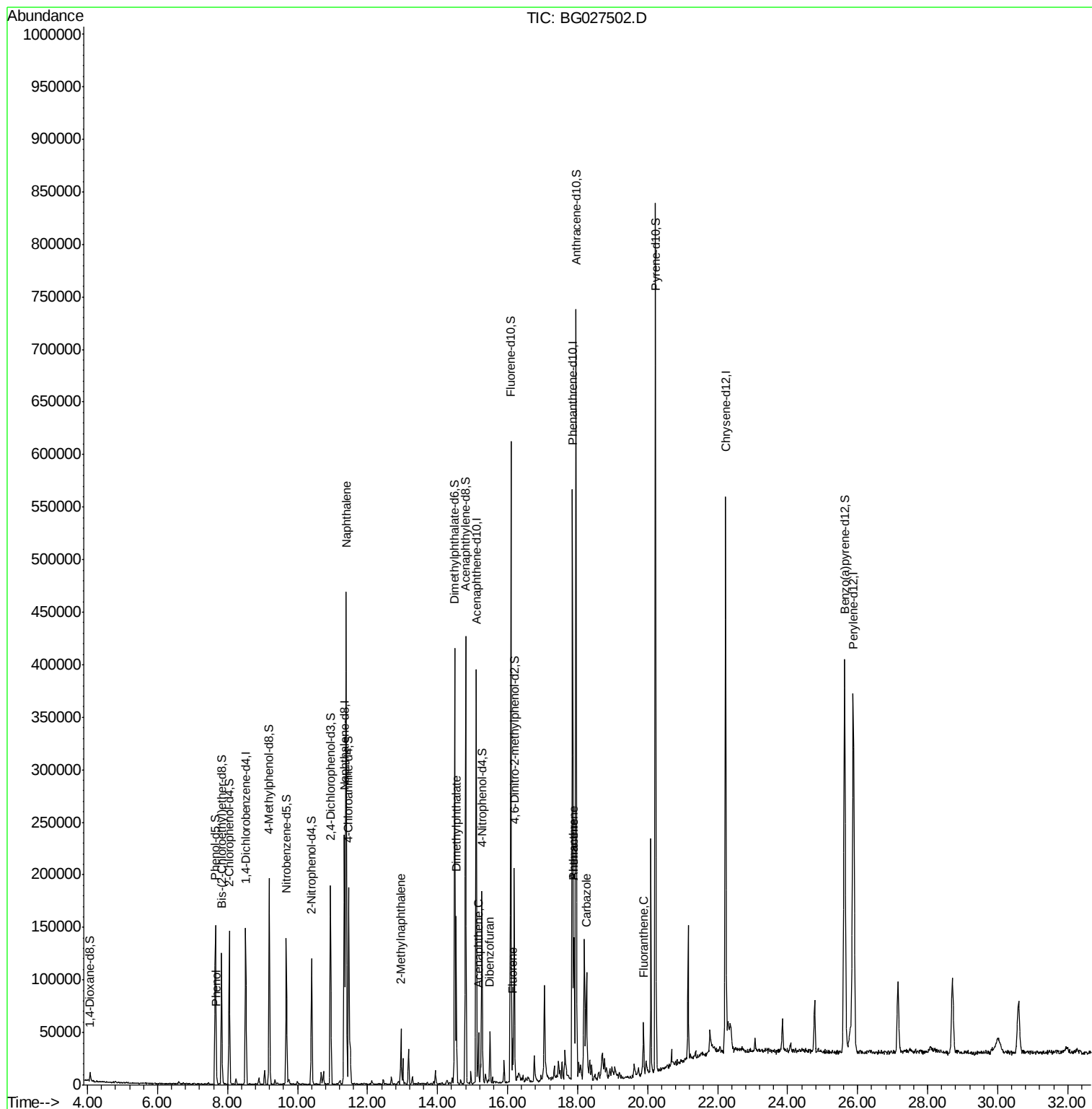
Quant Time: Jun 19 00:58:45 2017

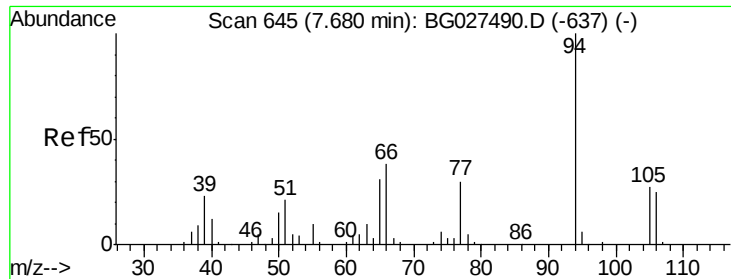
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 19 00:57:08 2017

Response via : Initial Calibration





#6

Phenol

Concen: 1.62 ng/ul

RT: 7.68 min Scan# 646

Delta R.T. 0.00 min

Lab File: BG027502.D

Acq: 17 Jun 2017 11:13

Instrument :

BNA_G

ClientSampled :

F5B26

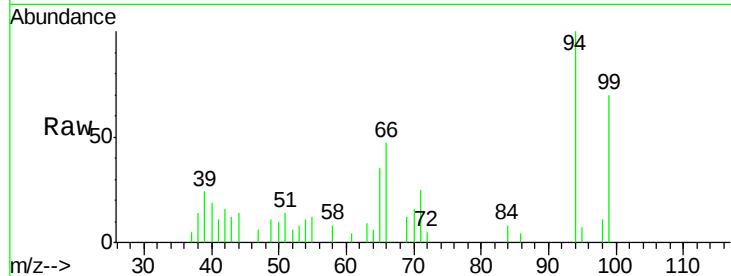
Tgt Ion: 94 Resp: 7216

Ion Ratio Lower Upper

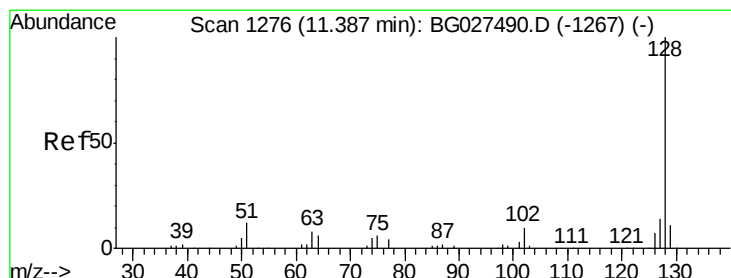
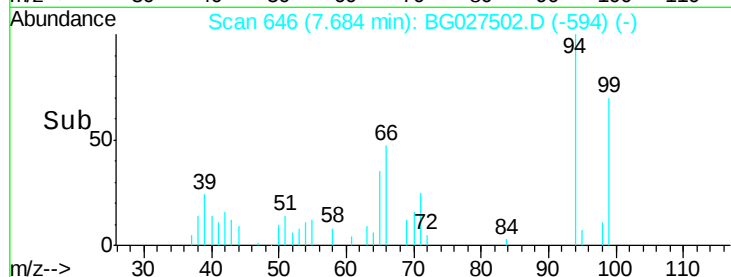
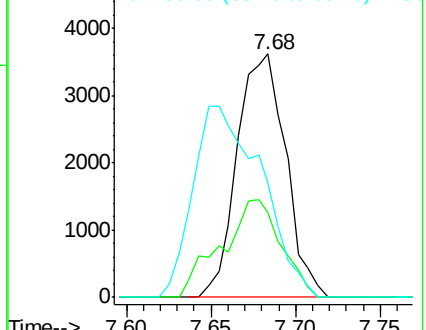
94 100

65 35.0 26.8 40.2

66 46.8 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



#28

Naphthalene

Concen: 38.57 ng/ul

RT: 11.39 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BG027502.D

Acq: 17 Jun 2017 11:13

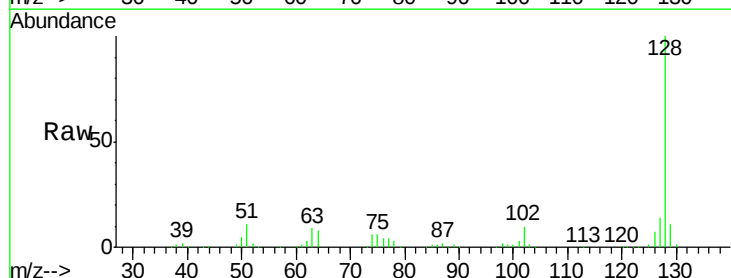
Tgt Ion: 128 Resp: 397851

Ion Ratio Lower Upper

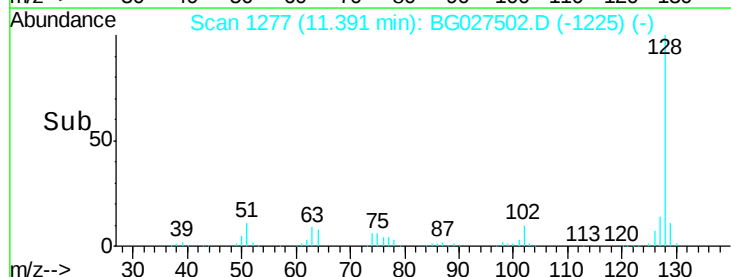
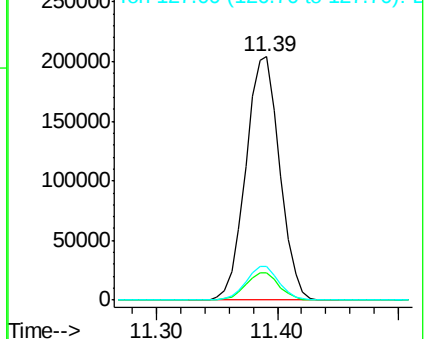
128 100

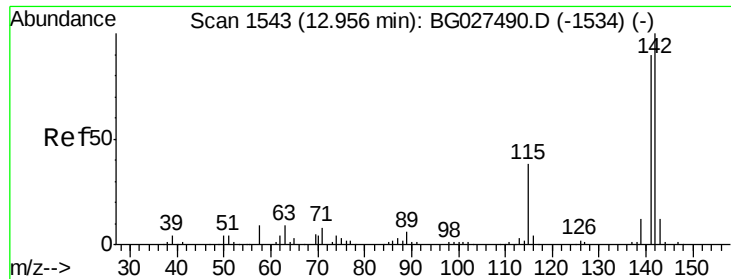
129 11.4 9.4 14.2

127 13.7 10.3 15.5



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

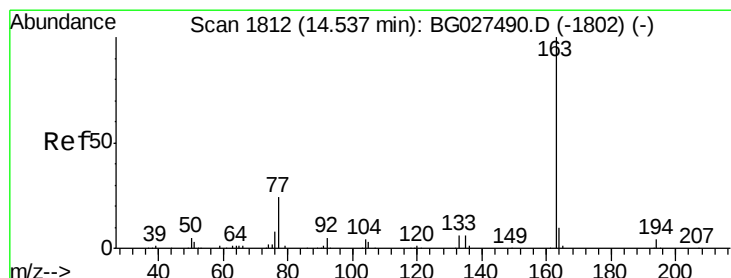
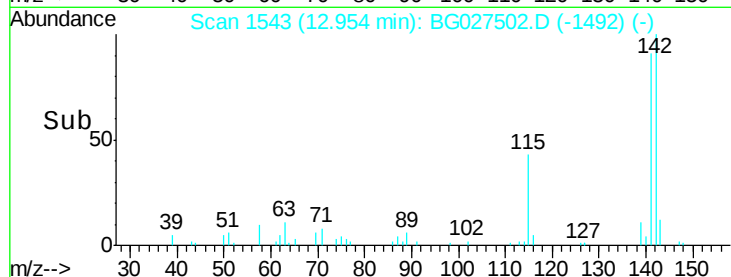
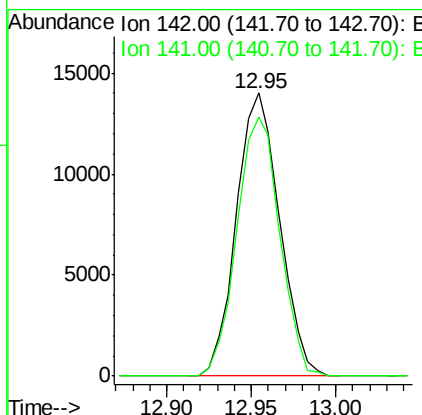
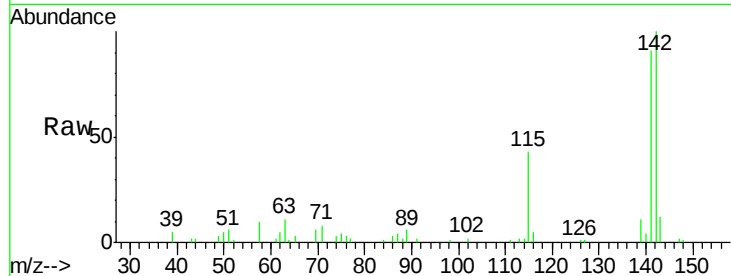




#34
 2-Methylnaphthalene
 Concen: 3.26 ng/ul
 RT: 12.95 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BG027502.D
 Acq: 17 Jun 2017 11:13

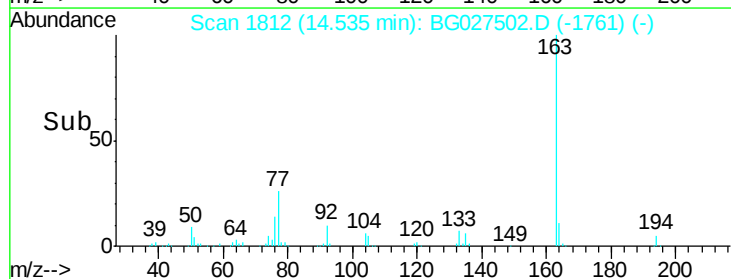
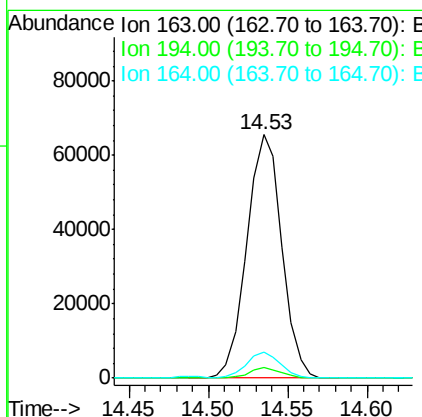
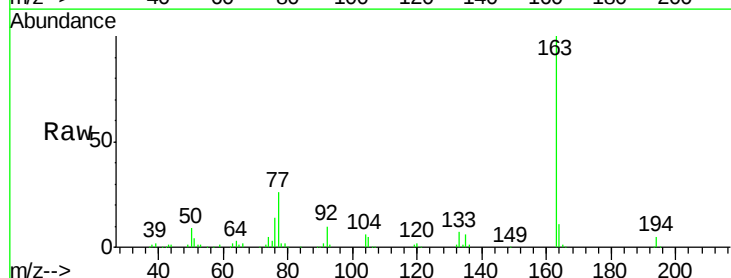
Instrument :
 BNA_G
 ClientSampleId :
 F5B26

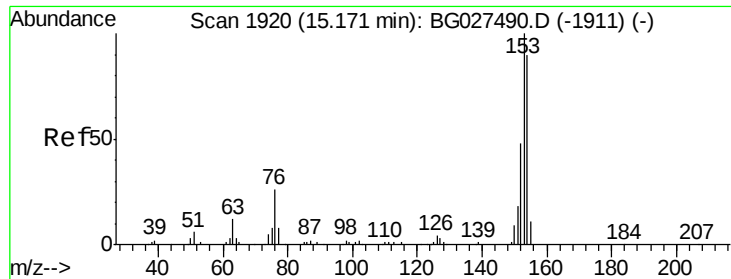
Tgt Ion:142 Resp: 24909
 Ion Ratio Lower Upper
 142 100
 141 91.5 68.6 102.8



#44
 Dimethylphthalate
 Concen: 9.01 ng/ul
 RT: 14.53 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG027502.D
 Acq: 17 Jun 2017 11:13

Tgt Ion:163 Resp: 100222
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.4 5.0
 164 10.5 9.0 13.4





#49

Acenaphthene

Concen: 2.28 ng/ul

RT: 15.16 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG027502.D

Acq: 17 Jun 2017 11:13

Instrument :

BNA_G

ClientSampleId :

F5B26

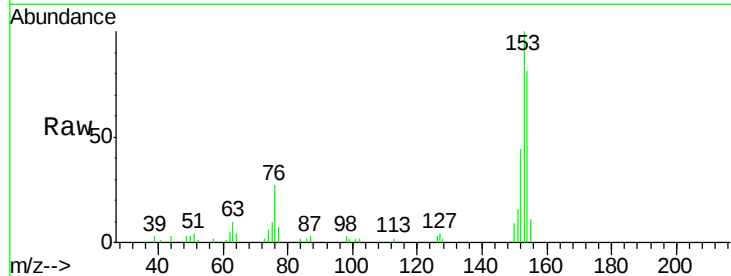
Tgt Ion:153 Resp: 20607

Ion Ratio Lower Upper

153 100

152 43.9 36.5 54.7

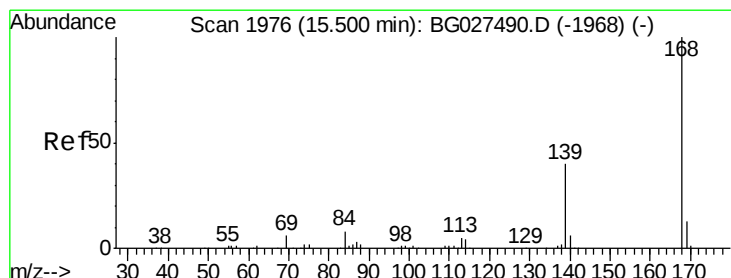
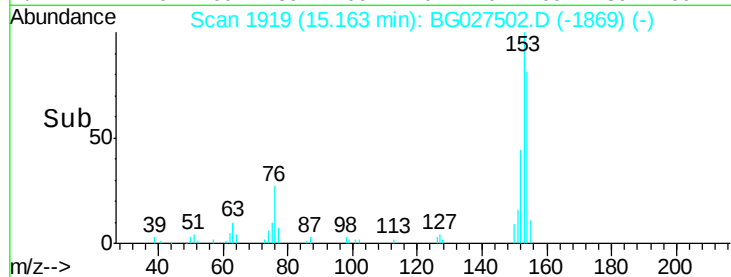
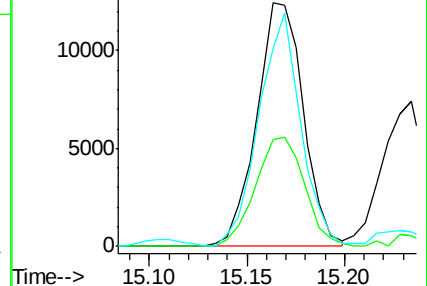
154 81.0 72.3 108.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 2.26 ng/ul

RT: 15.50 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG027502.D

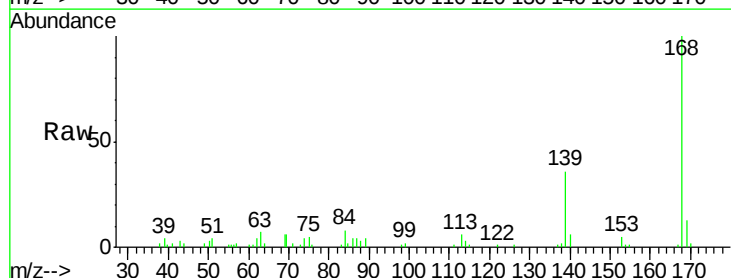
Acq: 17 Jun 2017 11:13

Tgt Ion:168 Resp: 29721

Ion Ratio Lower Upper

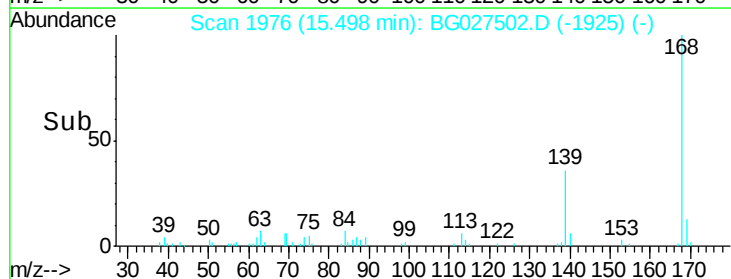
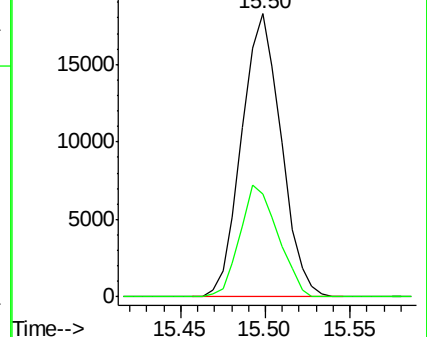
168 100

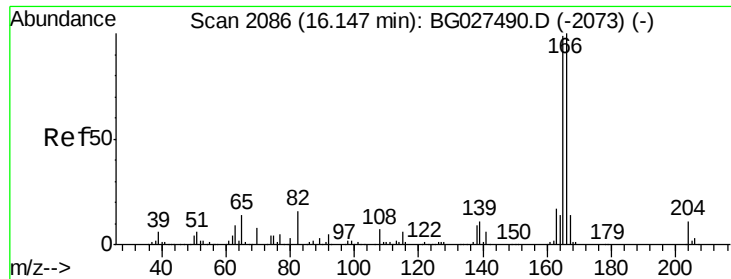
139 36.1 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 1.78 ng/ul

RT: 16.14 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG027502.D

Acq: 17 Jun 2017 11:13

Instrument :

BNA_G

ClientSampleId :

F5B26

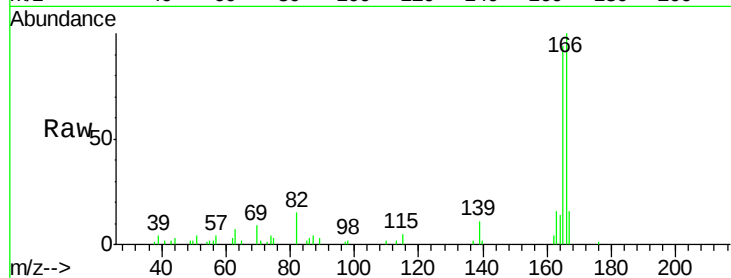
Tgt Ion:166 Resp: 19448

Ion Ratio Lower Upper

166 100

165 93.9 79.7 119.5

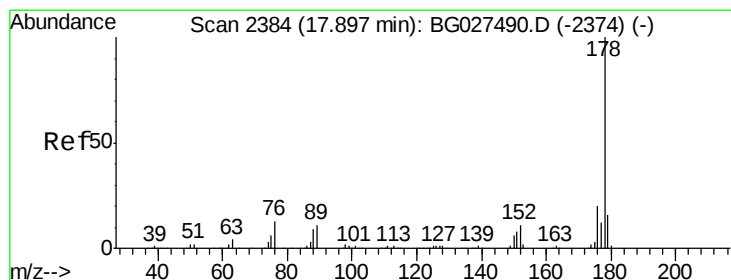
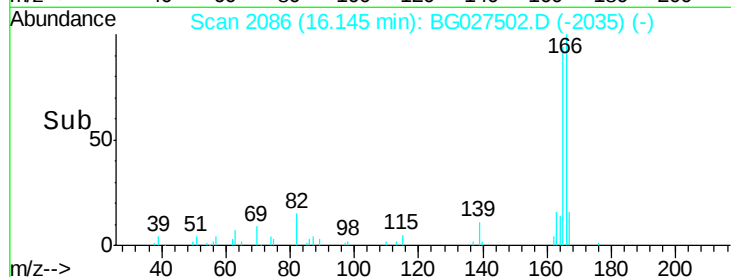
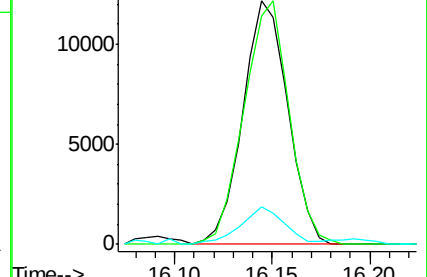
167 15.6 11.4 17.2



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: 4.80 ng/ul

RT: 17.90 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BG027502.D

Acq: 17 Jun 2017 11:13

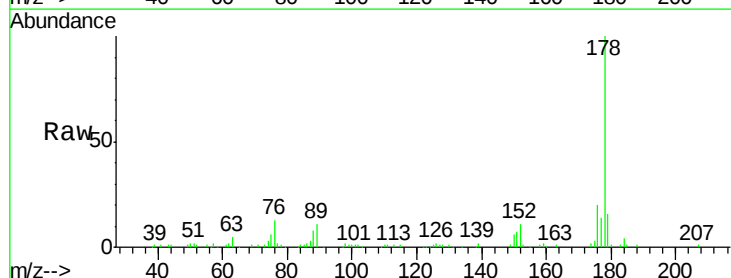
Tgt Ion:178 Resp: 86415

Ion Ratio Lower Upper

178 100

179 16.1 12.4 18.6

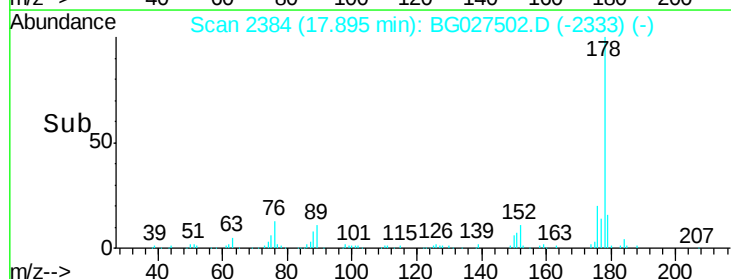
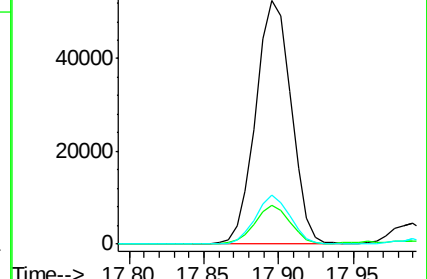
176 19.9 16.5 24.7

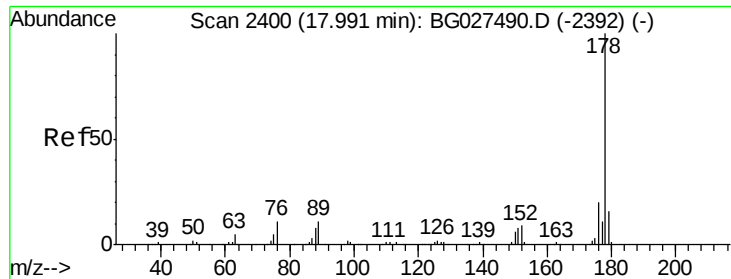


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

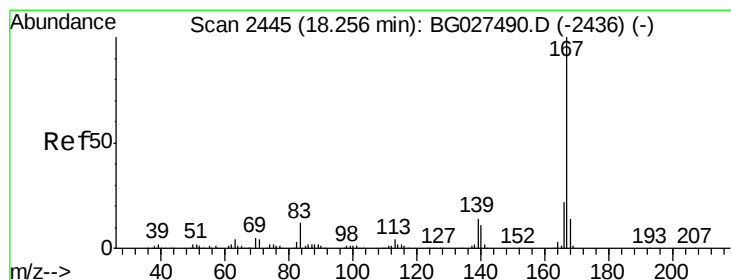
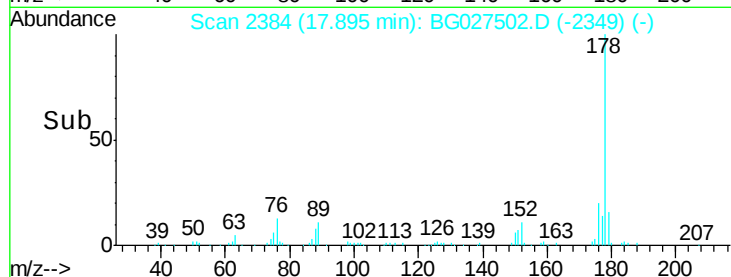
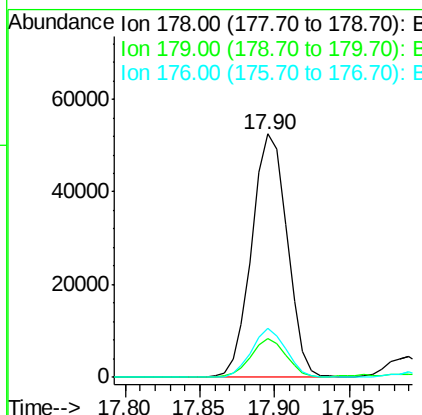
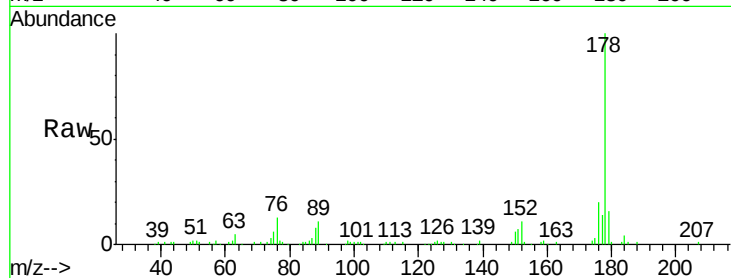




#71
 Anthracene
 Concen: 4.72 ng/ul
 RT: 17.90 min Scan# 2384
 Delta R.T. -0.10 min
 Lab File: BG027502.D
 Acq: 17 Jun 2017 11:13

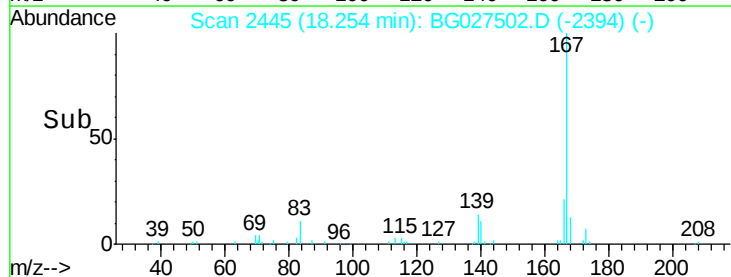
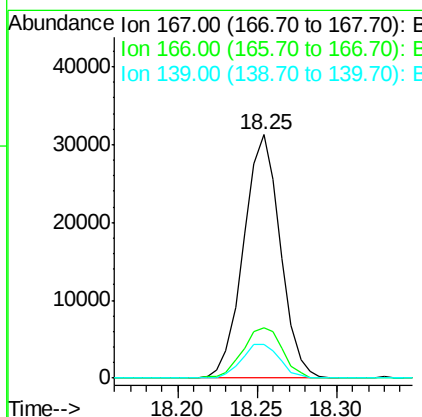
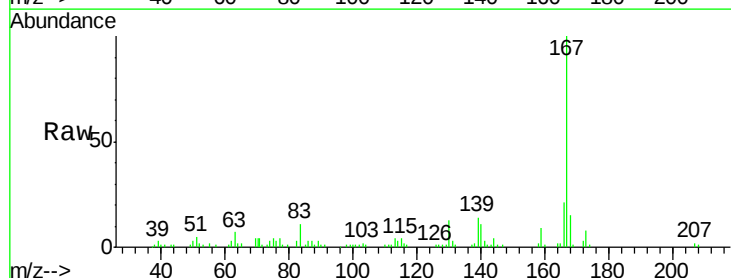
Instrument :
 BNA_G
 ClientSampleId :
 F5B26

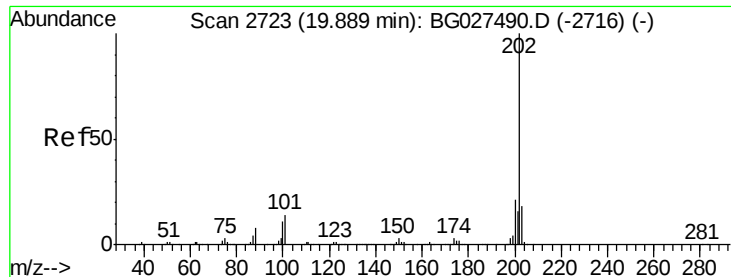
Tgt Ion:178 Resp: 86415
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.6 19.0
 176 19.9 15.9 23.9



#72
 Carbazole
 Concen: 3.18 ng/ul
 RT: 18.25 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: BG027502.D
 Acq: 17 Jun 2017 11:13

Tgt Ion:167 Resp: 50107
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.9 26.9
 139 14.0 10.5 15.7

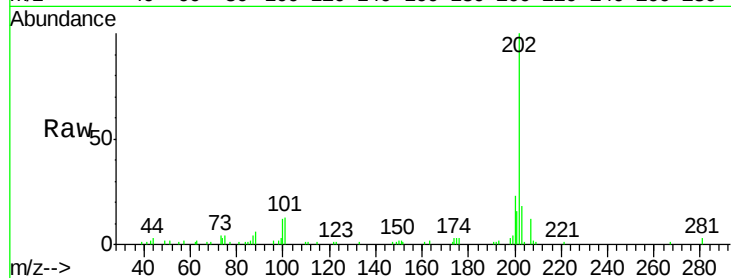




#74
 Fluoranthene
 Concen: 1.49 ng/ul
 RT: 19.89 min Scan# 2723
 Delta R.T. -0.00 min
 Lab File: BG027502.D
 Acq: 17 Jun 2017 11:13

Instrument :
 BNA_G
 ClientSampleId :
 F5B26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	6.2	9.2#
100	12.4	5.2	7.8#



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

