

Data File : BG027552.D
Acq On : 20 Jun 2017 6:15
Operator : SJ/MA
Sample : I3625-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A86

Quant Time: Jun 20 07:05:21 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	40485	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	208253	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	141216	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	332754	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	372436	20.00	ng/ul	0.00
83) Perylene-d12	25.88	264	357883	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	4.08	96	3854	3.81	ng/uL	0.00
5) Phenol-d5	7.65	99	107129	24.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	77746	25.98	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	77499	26.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	91853	26.76	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	41660	27.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	47217	29.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	85110	28.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	116442	30.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	320178	27.08	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	373070	27.40	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	36968	15.98	ng/ul	0.00
57) Fluorene-d10	16.09	176	285910	25.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	38442	18.60	ng/ul	0.00
70) Anthracene-d10	17.95	188	441215	28.44	ng/ul	0.00
76) Pyrene-d10	20.22	212	496062	27.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.62	264	461804	28.66	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.68	94	9791	2.13	ng/ul	90
24) 2,4-Dimethylphenol	10.47	107	4208	1.00	ng/ul	93
28) Naphthalene	11.39	128	74945	7.00	ng/ul	96
30) 4-Chloroaniline	11.39	127	10203	2.69	ng/ul#	37
34) 2-Methylnaphthalene	12.95	142	10815	1.36	ng/ul	99
44) Dimethylphthalate	14.53	163	105928	9.03	ng/ul	97
49) Acenaphthene	15.17	153	12684	1.33	ng/ul	92
53) Dibenzofuran	15.50	168	14289	1.03	ng/ul	97
58) Fluorene	16.14	166	16100	1.40	ng/ul#	85
69) Phenanthrene	17.89	178	84783	4.74	ng/ul	98
74) Fluoranthene	19.88	202	54872	2.73	ng/ul#	88
77) Pyrene	20.25	202	36066	1.64	ng/ul#	86

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

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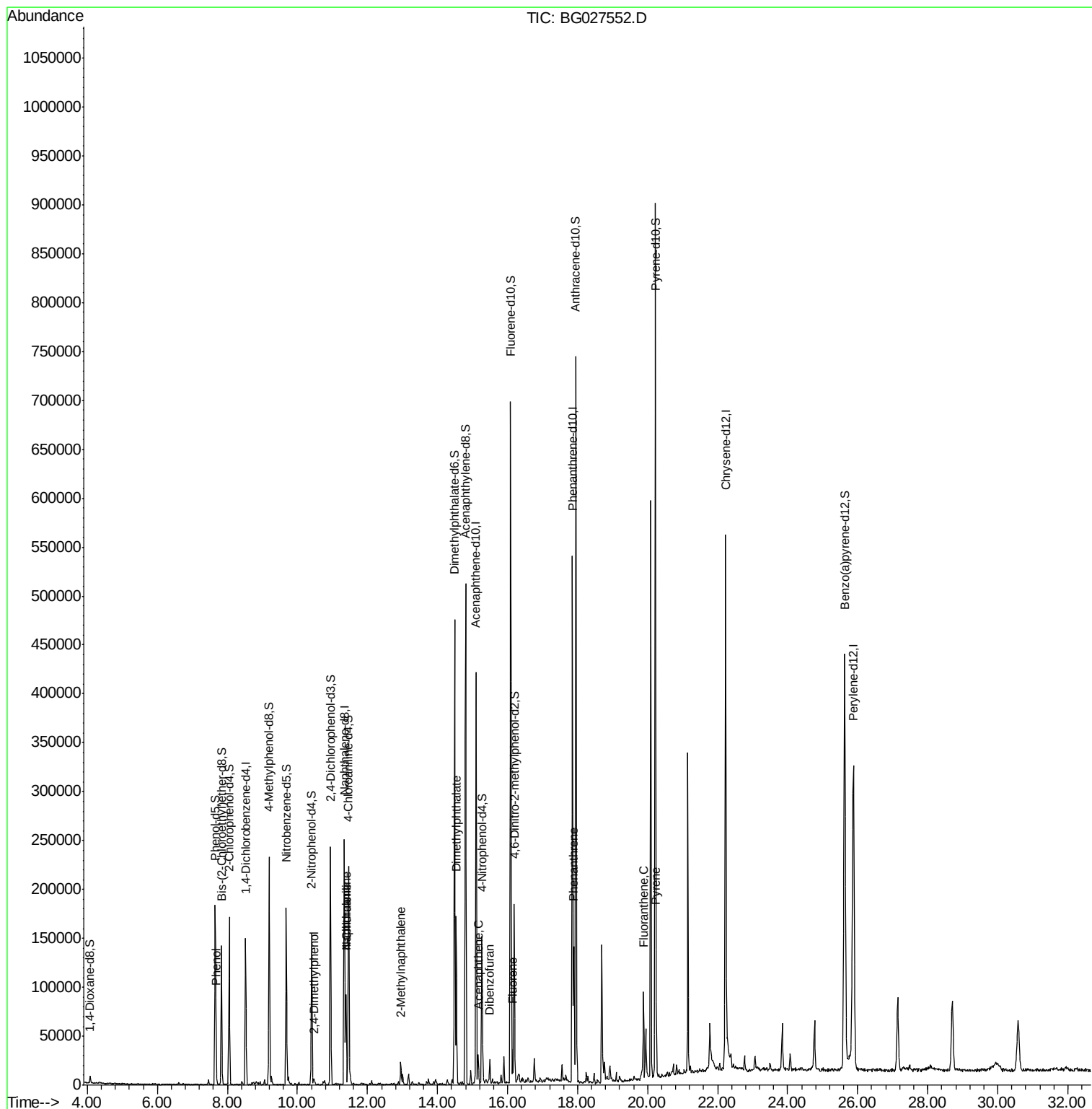
Quant Time: Jun 20 07:05:21 2017

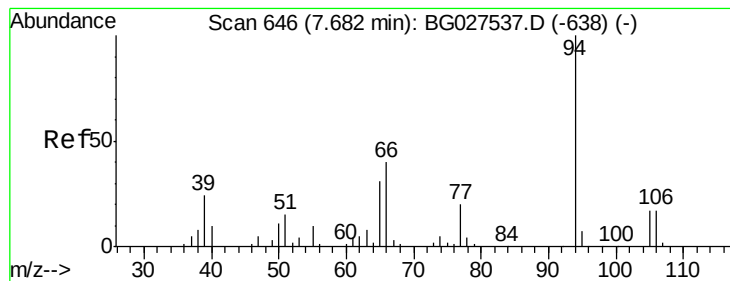
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 20 01:50:01 2017

Response via : Initial Calibration





#6

Phenol

Concen: 2.13 ng/ul

RT: 7.68 min Scan# 645

Delta R.T. -0.00 min

Lab File: BG027552.D

Acq: 20 Jun 2017 6:15

Instrument :

BNA_G

ClientSampleId :

F5A86

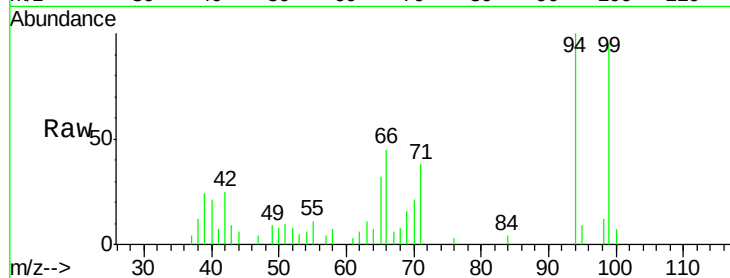
Tgt Ion: 94 Resp: 9791

Ion Ratio Lower Upper

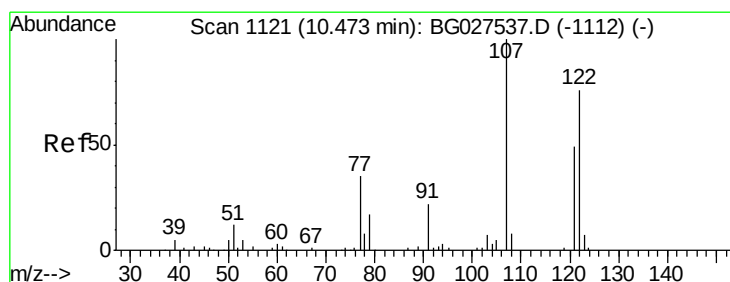
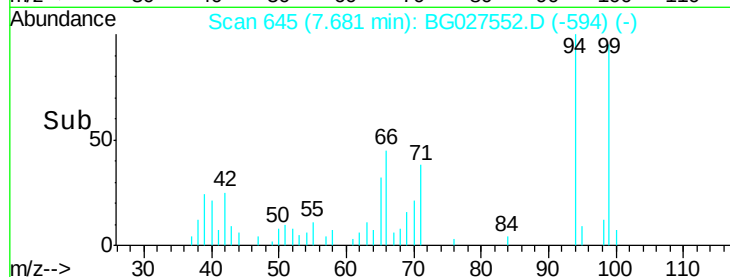
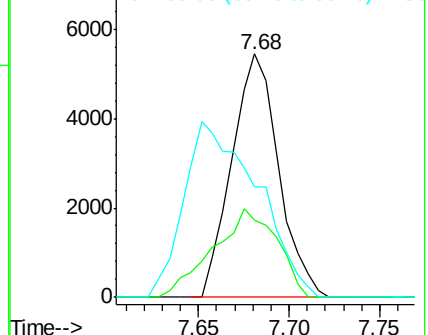
94 100

65 31.8 26.8 40.2

66 45.3 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: 1.00 ng/ul

RT: 10.47 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BG027552.D

Acq: 20 Jun 2017 6:15

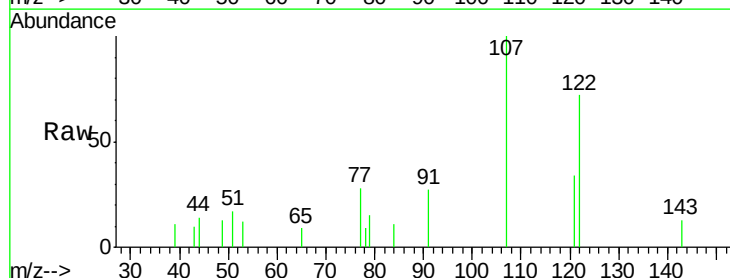
Tgt Ion: 107 Resp: 4208

Ion Ratio Lower Upper

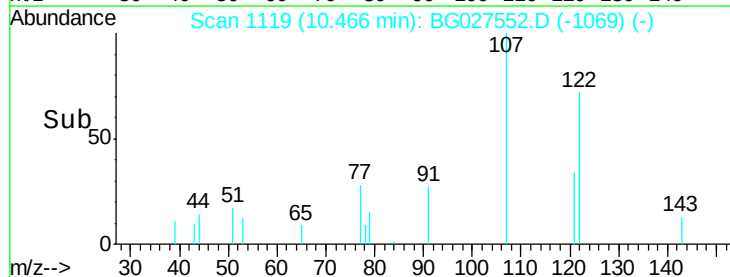
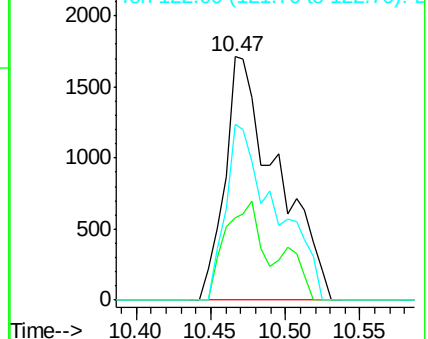
107 100

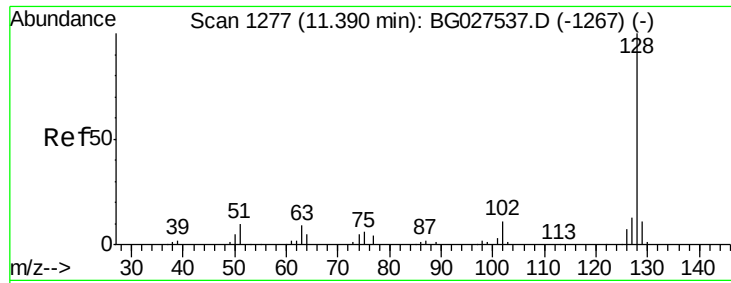
121 33.8 32.3 48.5

122 72.0 61.2 91.8



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

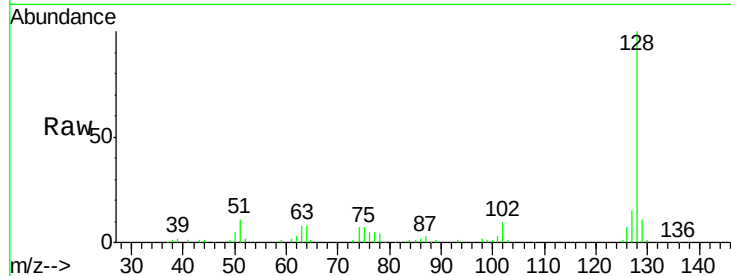




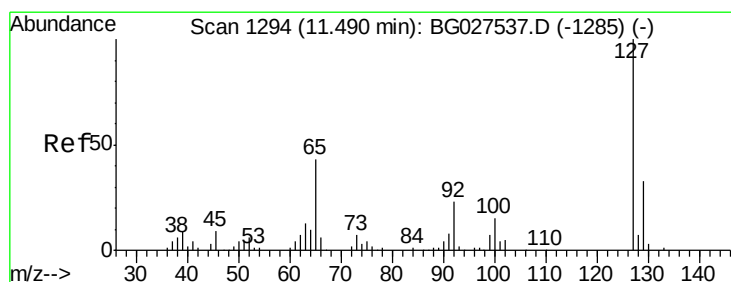
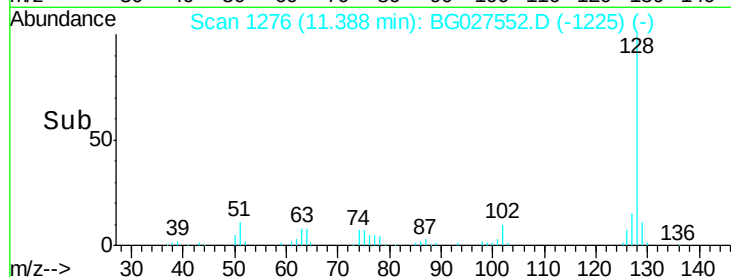
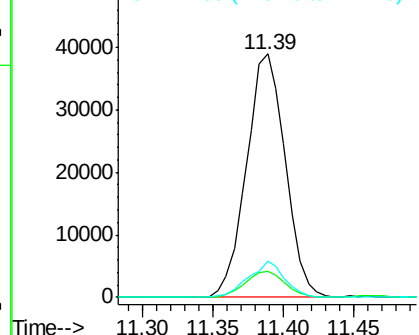
#28
Naphthalene
Concen: 7.00 ng/ul
RT: 11.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG027552.D
Acq: 20 Jun 2017 6:15

Instrument :
BNA_G
ClientSampleId :
F5A86

Tgt Ion:128 Resp: 74945
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 14.7 10.3 15.5

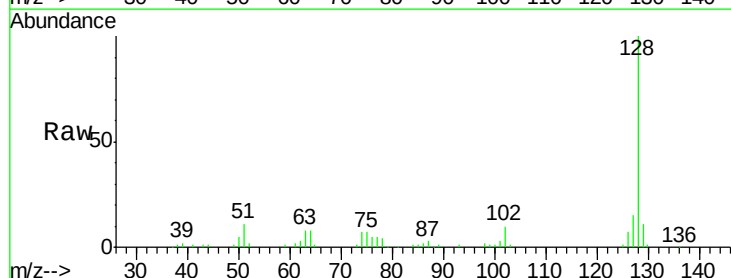


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

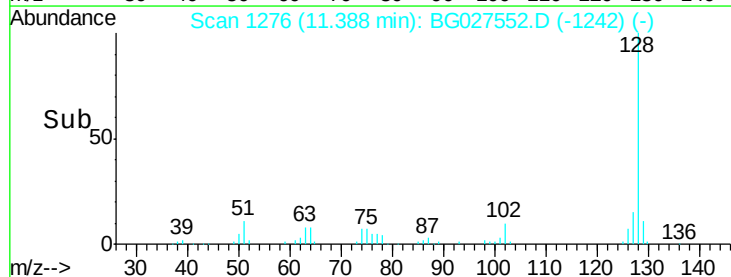
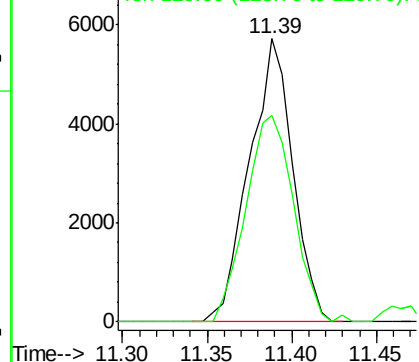


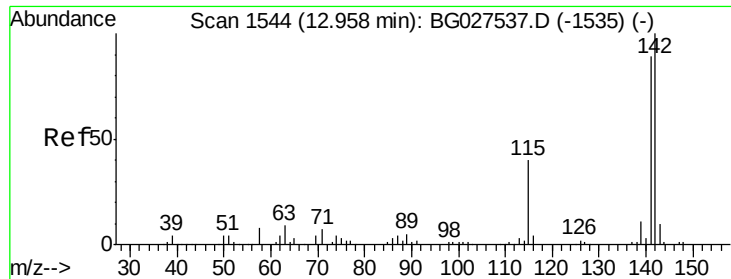
#30
4-Chloroaniline
Concen: 2.69 ng/ul
RT: 11.39 min Scan# 1276
Delta R.T. -0.10 min
Lab File: BG027552.D
Acq: 20 Jun 2017 6:15

Tgt Ion:127 Resp: 10203
Ion Ratio Lower Upper
127 100
129 73.0 28.9 43.3#



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

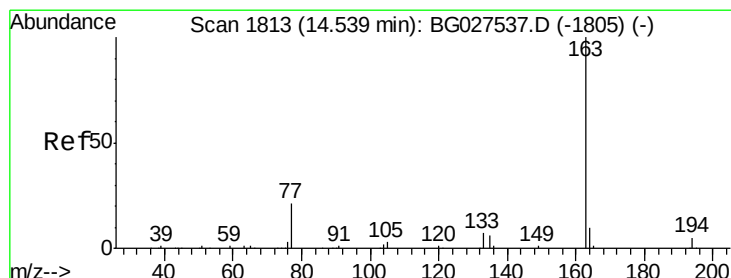
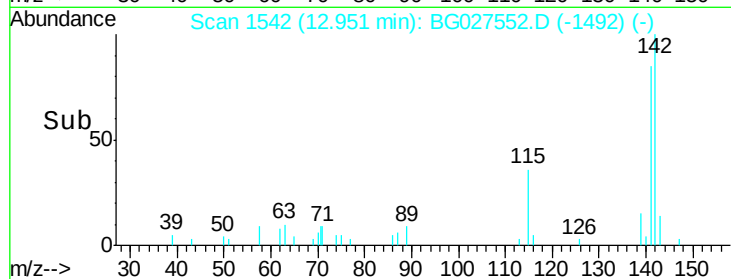
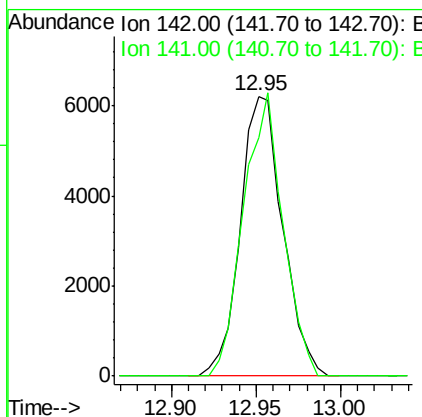
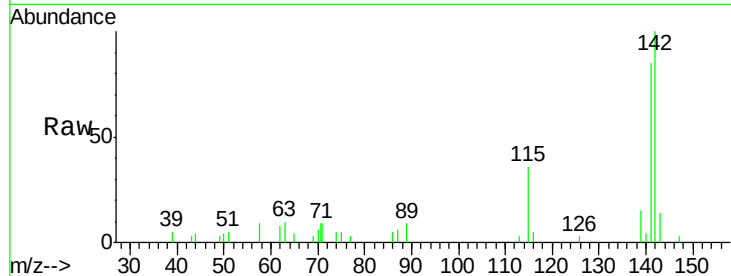




#34
 2-Methylnaphthalene
 Concen: 1.36 ng/ul
 RT: 12.95 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BG027552.D
 Acq: 20 Jun 2017 6:15

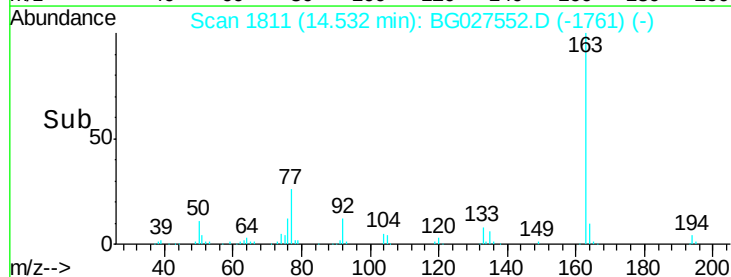
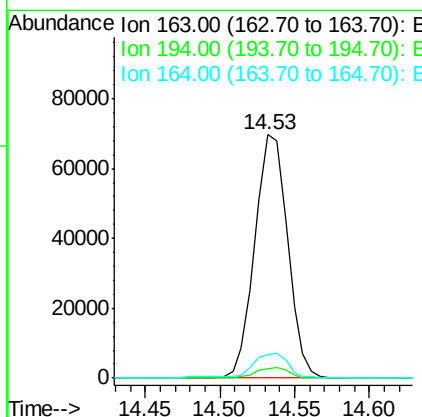
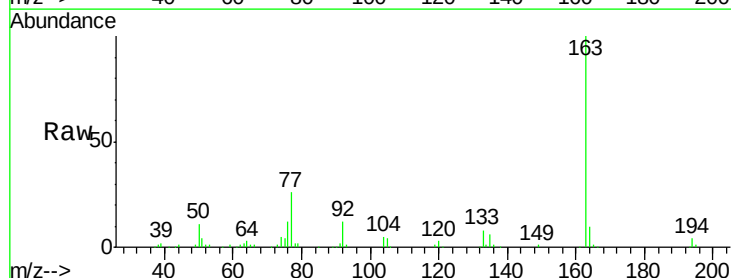
Instrument :
 BNA_G
 ClientSampleId :
 F5A86

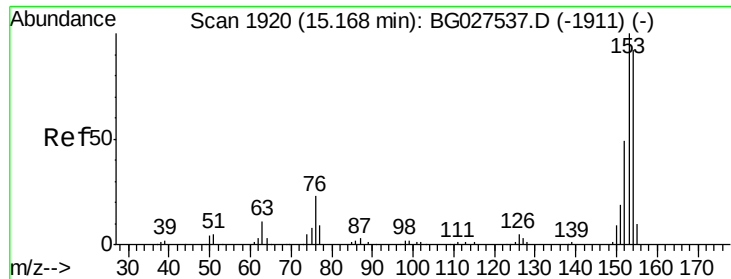
Tgt Ion:142 Resp: 10815
 Ion Ratio Lower Upper
 142 100
 141 85.1 68.6 102.8



#44
 Dimethylphthalate
 Concen: 9.03 ng/ul
 RT: 14.53 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BG027552.D
 Acq: 20 Jun 2017 6:15

Tgt Ion:163 Resp: 105928
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.4 5.0
 164 9.8 9.0 13.4





#49

Acenaphthene

Concen: 1.33 ng/ul

RT: 15.17 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG027552.D

Acq: 20 Jun 2017 6:15

Instrument :

BNA_G

ClientSampled :

F5A86

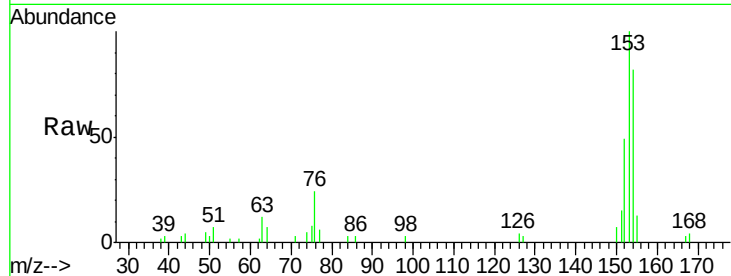
Tgt Ion:153 Resp: 12684

Ion Ratio Lower Upper

153 100

152 48.6 36.5 54.7

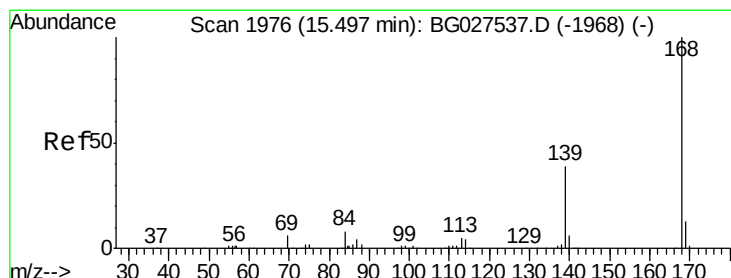
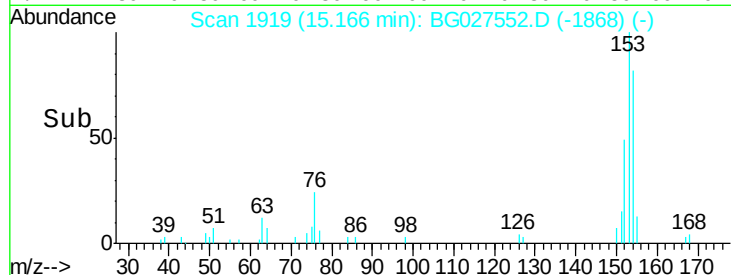
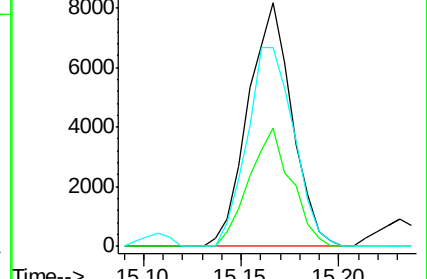
154 81.8 72.3 108.5



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: 1.03 ng/ul

RT: 15.50 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG027552.D

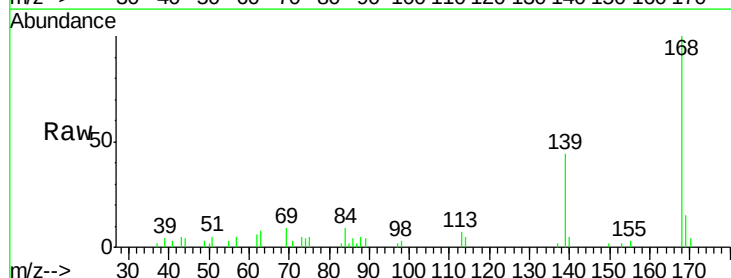
Acq: 20 Jun 2017 6:15

Tgt Ion:168 Resp: 14289

Ion Ratio Lower Upper

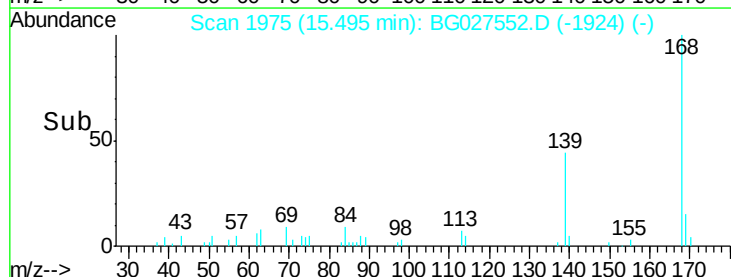
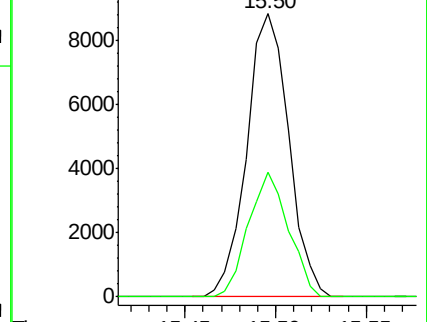
168 100

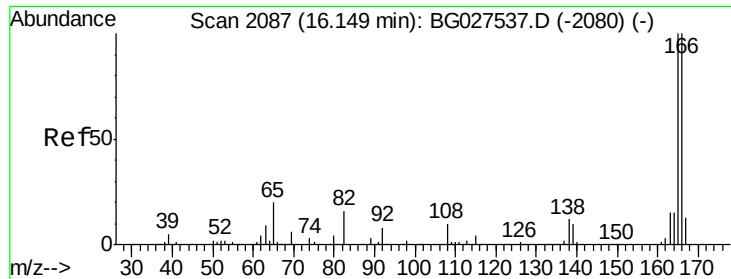
139 44.1 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 1.40 ng/ul

RT: 16.14 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG027552.D

Acq: 20 Jun 2017 6:15

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ClientSampleId :

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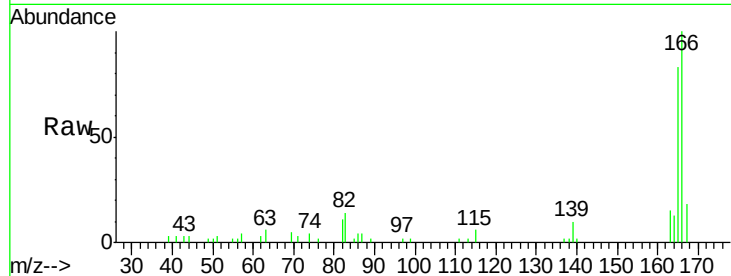
Tgt Ion:166 Resp: 16100

Ion Ratio Lower Upper

166 100

165 83.3 79.7 119.5

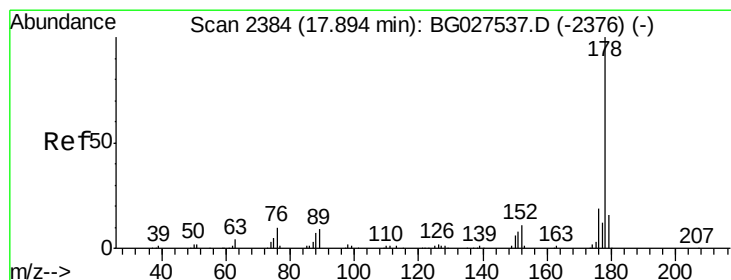
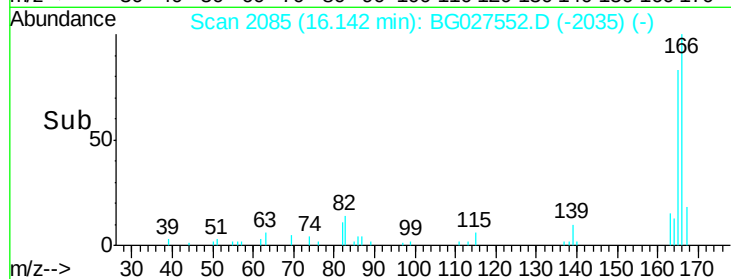
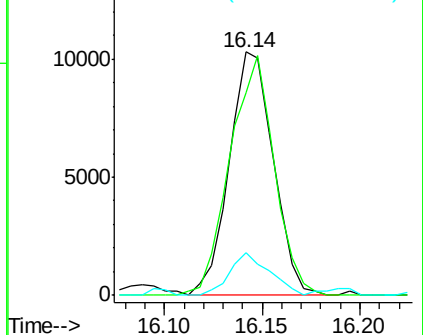
167 17.6 11.4 17.2#



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: 4.74 ng/ul

RT: 17.89 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG027552.D

Acq: 20 Jun 2017 6:15

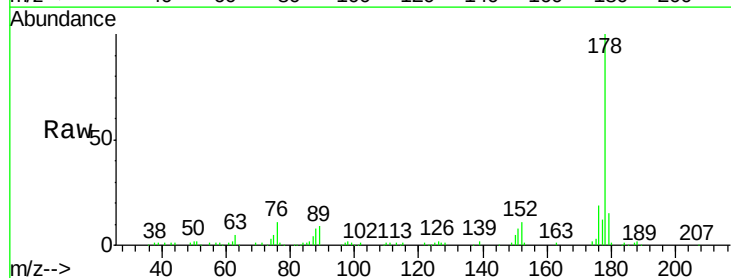
Tgt Ion:178 Resp: 84783

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

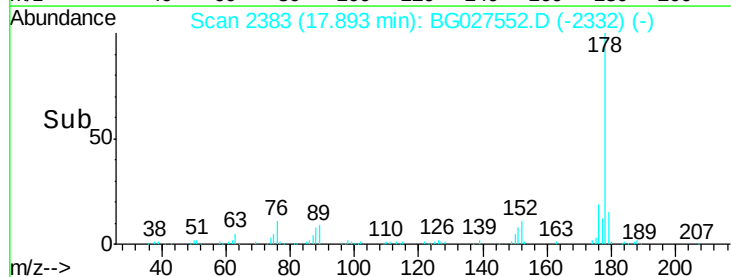
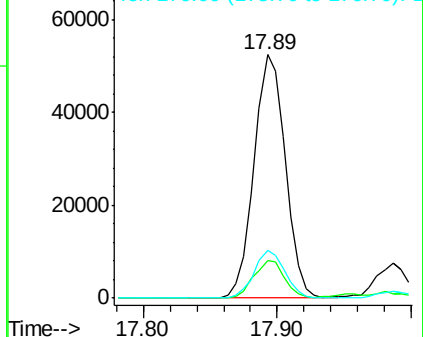
176 19.4 16.5 24.7

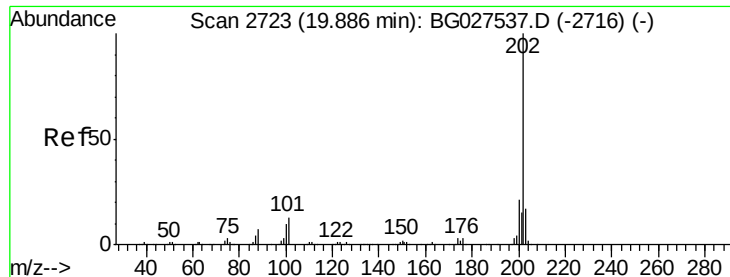


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.73 ng/ul

RT: 19.88 min Scan# 2722

Delta R.T. -0.00 min

Lab File: BG027552.D

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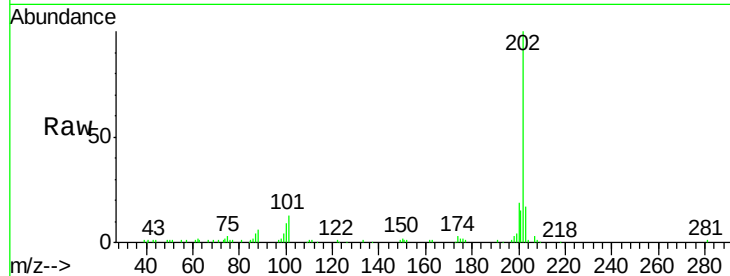
Tgt Ion:202 Resp: 54872

Ion Ratio Lower Upper

202 100

101 13.0 6.2 9.2#

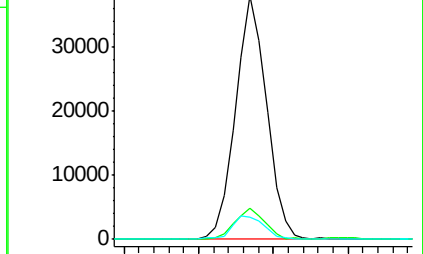
100 9.1 5.2 7.8#



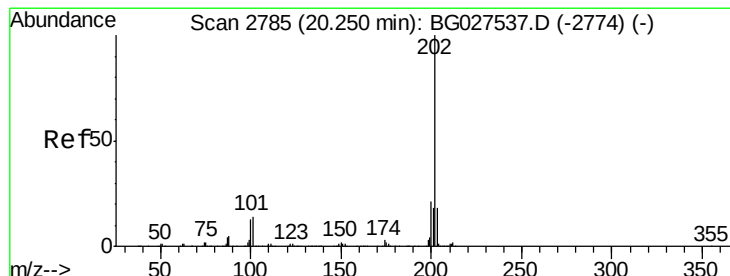
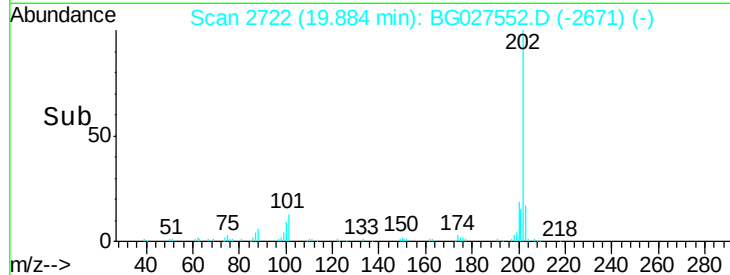
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 19.80 19.85 19.90 19.95



#77

Pyrene

Concen: 1.64 ng/ul

RT: 20.25 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG027552.D

Acq: 20 Jun 2017 6:15

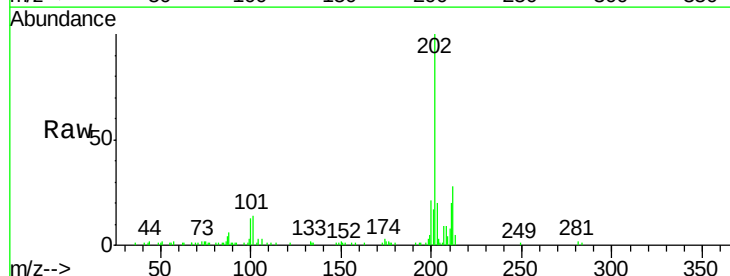
Tgt Ion:202 Resp: 36066

Ion Ratio Lower Upper

202 100

101 13.8 6.9 10.3#

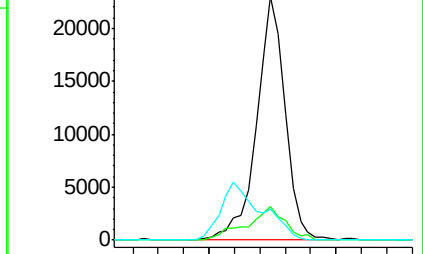
100 12.8 6.6 10.0#



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



Time--> 20.20 20.30

