

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
 Data File : BG025022.D
 Acq On : 9 Dec 2016 1:13
 Operator : UM/SJ
 Sample : H5863-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z0

Manual Integrations
 APPROVED

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 12/9/2016 3:41:19 PM

Quant Time: Dec 09 03:08:52 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	121999	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	487027	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	388190	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	897853m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1170452m	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	1227006m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	8309	3.52	ng/uL	0.00
5) Phenol-d5	7.39	99	208960	19.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	131543	20.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	153916	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	178120	20.25	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	78895	22.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	93911	21.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	183202	22.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	139718	17.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	642219	24.05	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	690103	23.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	102517	22.34	ng/ul	0.00
57) Fluorene-d10	15.85	176	584185	23.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	128040m	23.06	ng/ul	0.00
70) Anthracene-d10	17.70	188	957098	25.26	ng/ul	0.00
76) Pyrene-d10	19.98	212	1172101	24.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1260741	25.36	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.41	94	37308	3.45	ng/ul#	85
14) Acetophenone	9.07	105	30848	2.30	ng/ul	97
28) Naphthalene	11.12	128	26211	1.16	ng/ul	94
34) 2-Methylnaphthalene	12.70	142	24921	1.39	ng/ul	97
44) Dimethylphthalate	14.30	163	113417	4.32	ng/ul	98
58) Fluorene	15.90	166	27016	1.08	ng/ul#	79

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

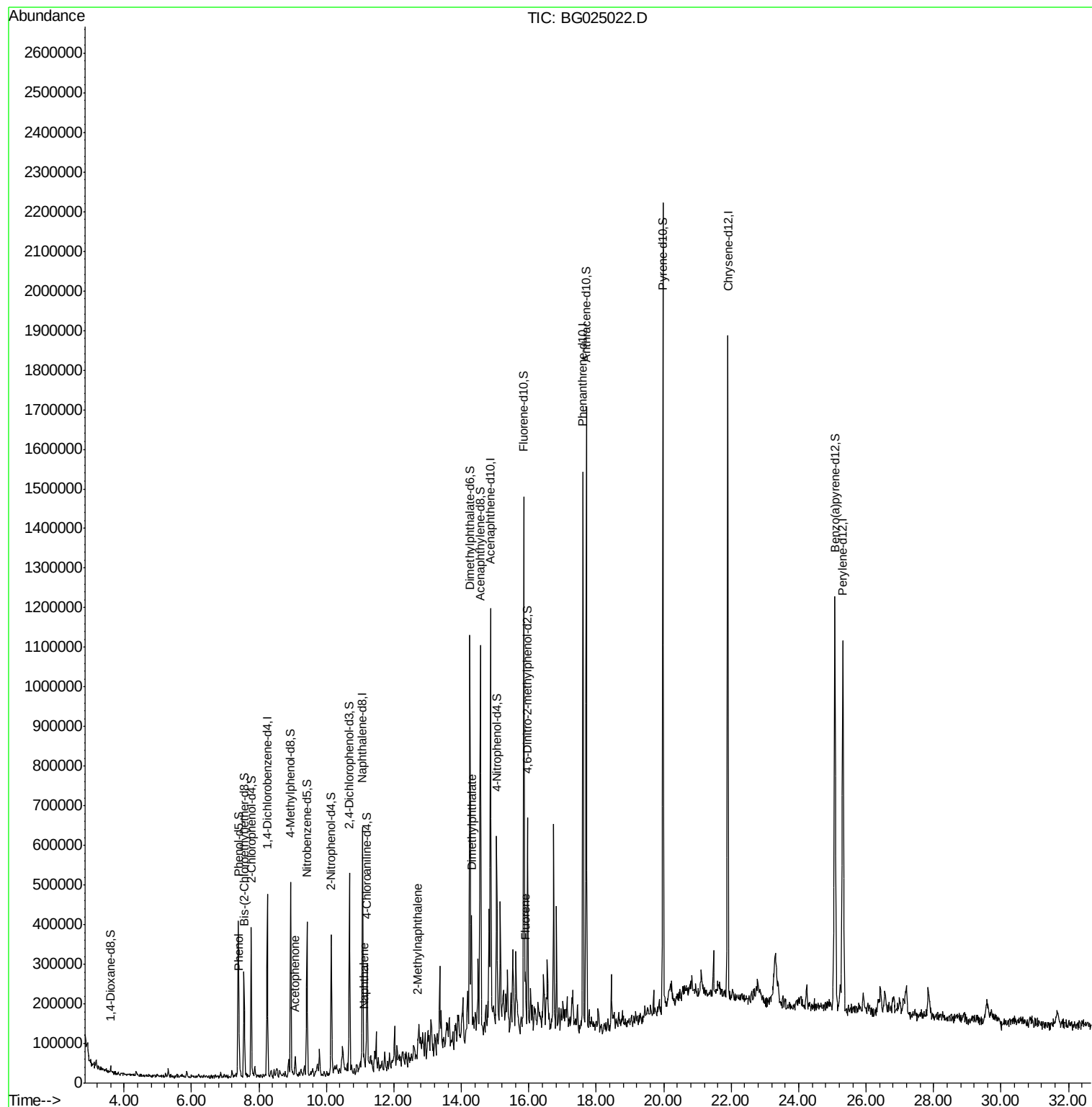
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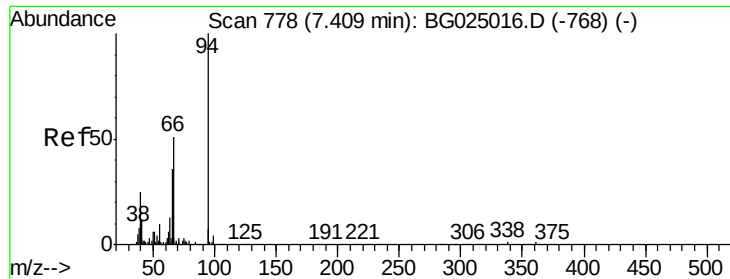
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#6

Phenol

Concen: 3.45 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG025022.D

Acq: 9 Dec 2016 1:13

Instrument :

BNA_G

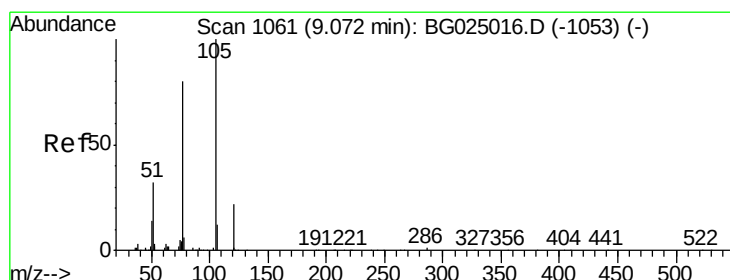
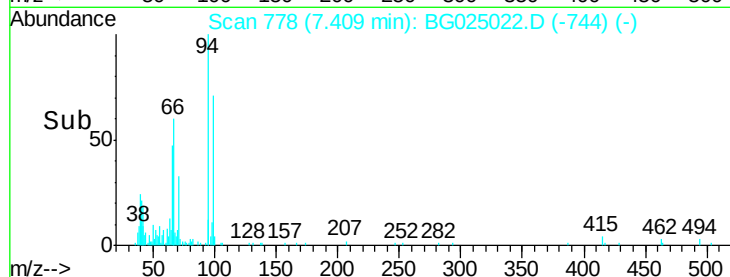
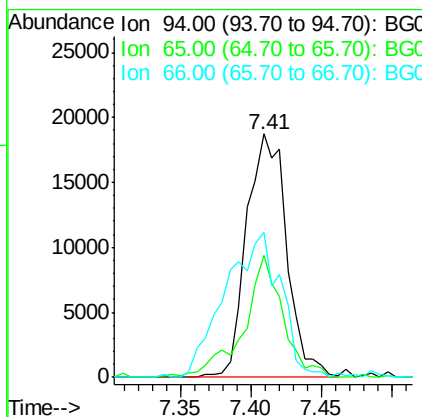
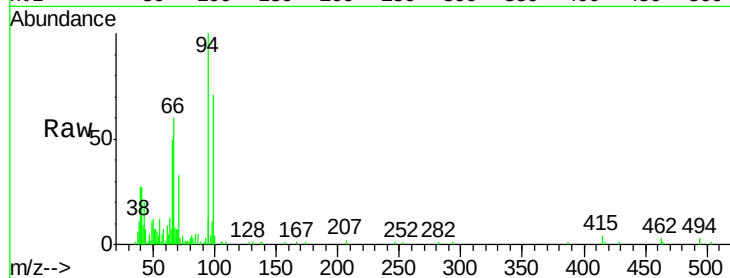
ClientSampled :

DA7Z0

Tot Ion:	94	Resp:	37308
Ion	Ratio	Lower	Upper
94	100		
65	50.2	26.8	40.2#
66	59.8	44.4	66.6

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#14

Acetophenone

Concen: 2.30 ng/ul

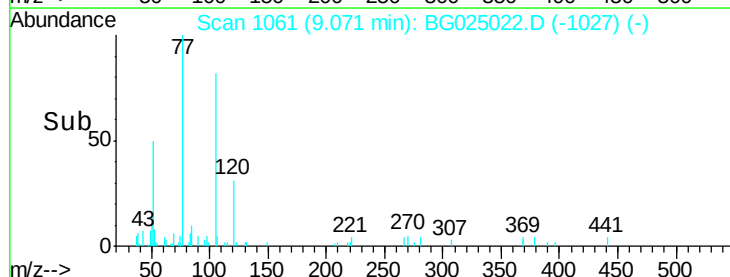
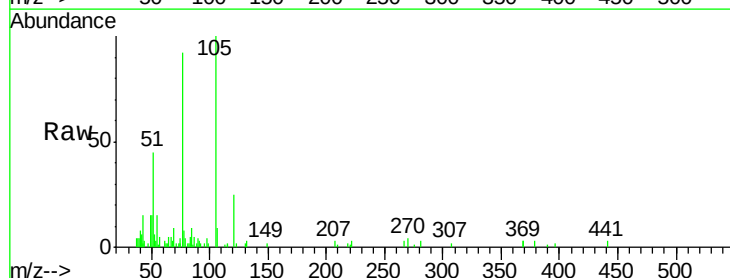
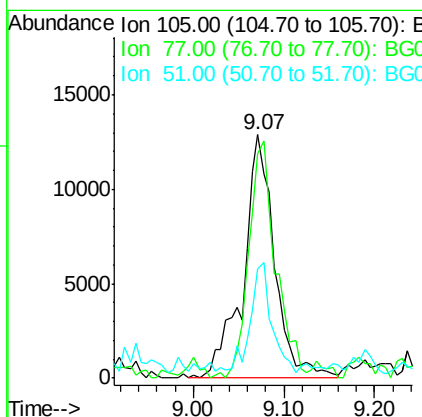
RT: 9.07 min Scan# 1061

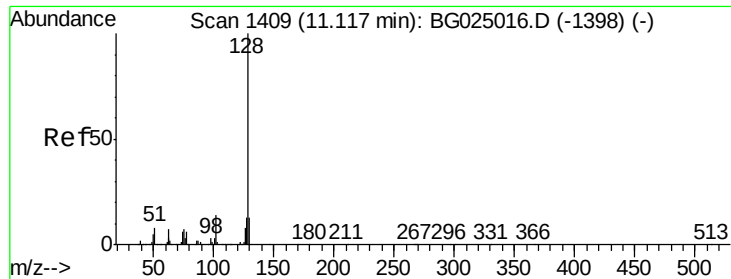
Delta R.T. -0.00 min

Lab File: BG025022.D

Acq: 9 Dec 2016 1:13

Tgt Ion:	105	Resp:	30848
Ion	Ratio	Lower	Upper
105	100		
77	91.9	76.0	114.0
51	44.8	34.8	52.2





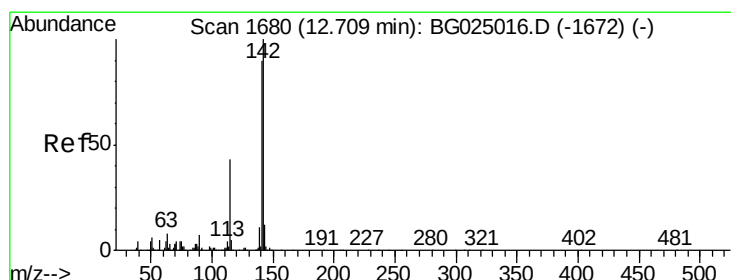
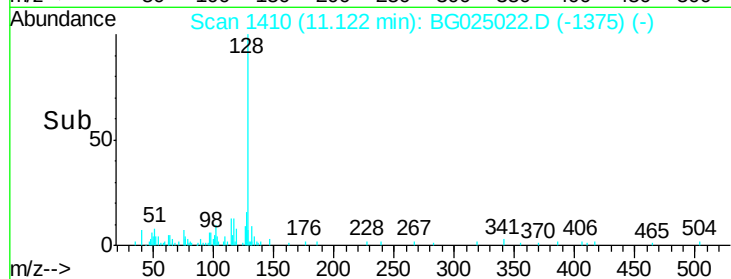
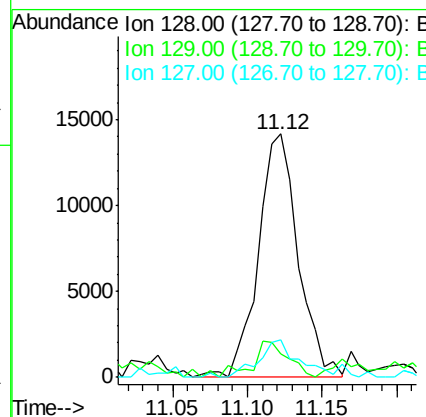
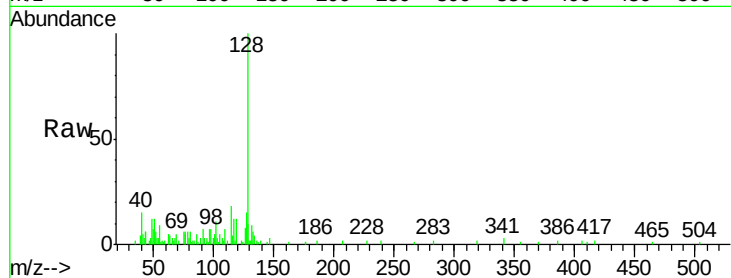
#28
Naphthalene
Concen: 1.16 ng/ul
RT: 11.12 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BG025022.D
Acq: 9 Dec 2016 1:13

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
129	9.7	9.4	14.2
127	15.4	10.3	15.5

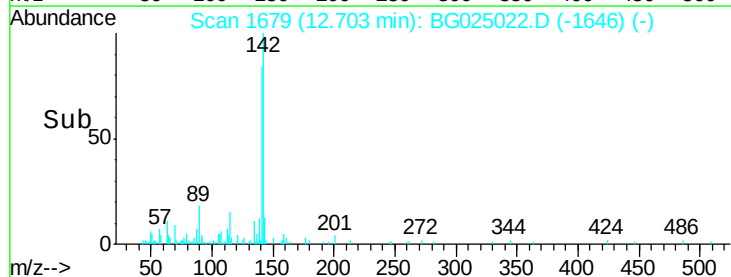
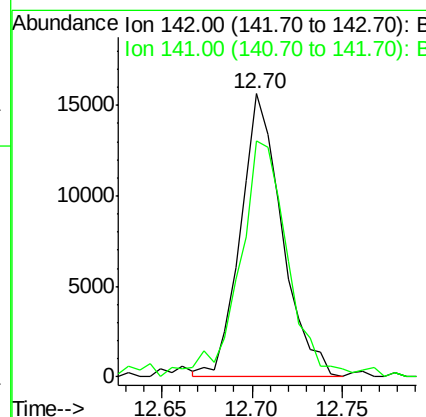
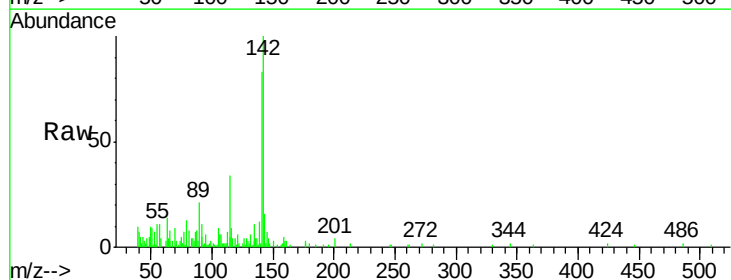
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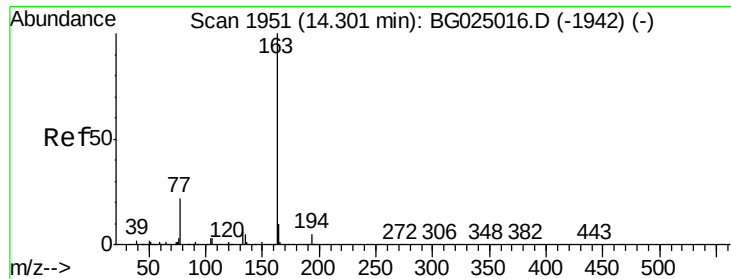
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#34
2-Methylnaphthalene
Concen: 1.39 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BG025022.D
Acq: 9 Dec 2016 1:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.4	68.6	102.8





#44

Dimethylphthalate

Concen: 4.32 ng/ul

RT: 14.30 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG025022.D

Acq: 9 Dec 2016 1:13

Instrument :

BNA_G

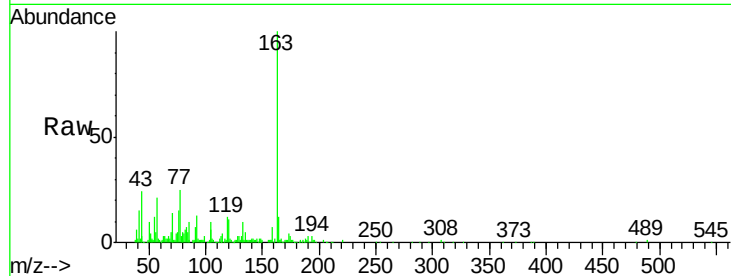
ClientSampled :

DA7Z0

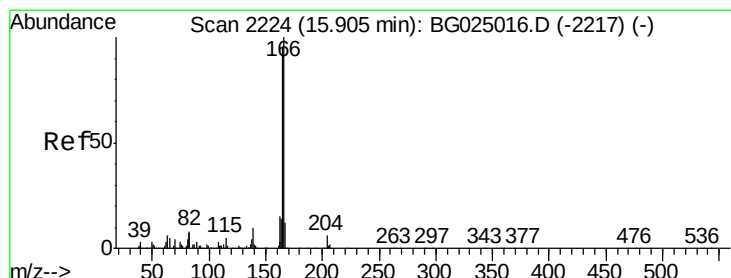
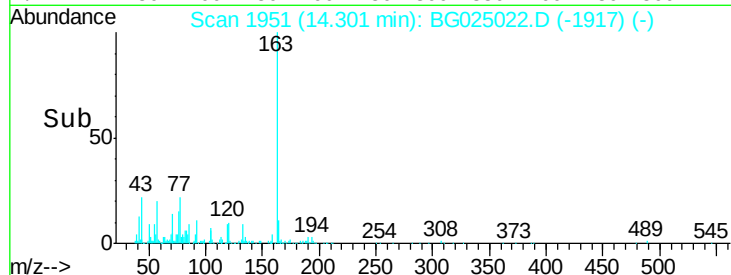
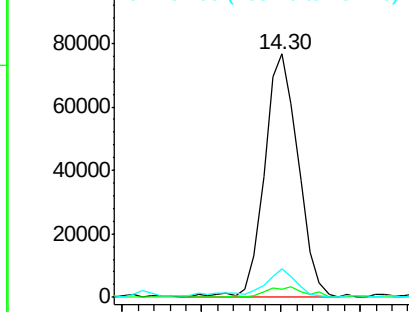
Tot Ion:	163	Resp:	113417
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.4	5.0
164	11.9	9.0	13.4

Manual Integrations
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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



#58

Fluorene

Concen: 1.08 ng/ul

RT: 15.90 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG025022.D

Acq: 9 Dec 2016 1:13

Tgt Ion:	166	Resp:	27016
Ion Ratio	Lower	Upper	
166	100		
165	121.4	79.7	119.5#
167	22.2	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

