

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025271.D
 Acq On : 17 Dec 2016 12:55
 Operator : UM/SJ
 Sample : H6040-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 18 00:22:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 00:18:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	70575	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	293901	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	214478	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	463443	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	599934	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	610687	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	7185	5.26	ng/uL	0.00
5) Phenol-d5	7.40	99	178811	29.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	109485	29.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	129164	30.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	146761	28.84	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	61902	29.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	75823	29.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	143678	28.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	35160	7.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	470755	31.91	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	520535	32.21	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	81354	32.09	ng/ul	0.00
57) Fluorene-d10	15.85	176	421132	30.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	83432	29.12	ng/ul	0.00
70) Anthracene-d10	17.70	188	659116	33.70	ng/ul	0.00
76) Pyrene-d10	19.98	212	830675	33.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	844616	34.13	ng/ul	0.00

Target Compounds

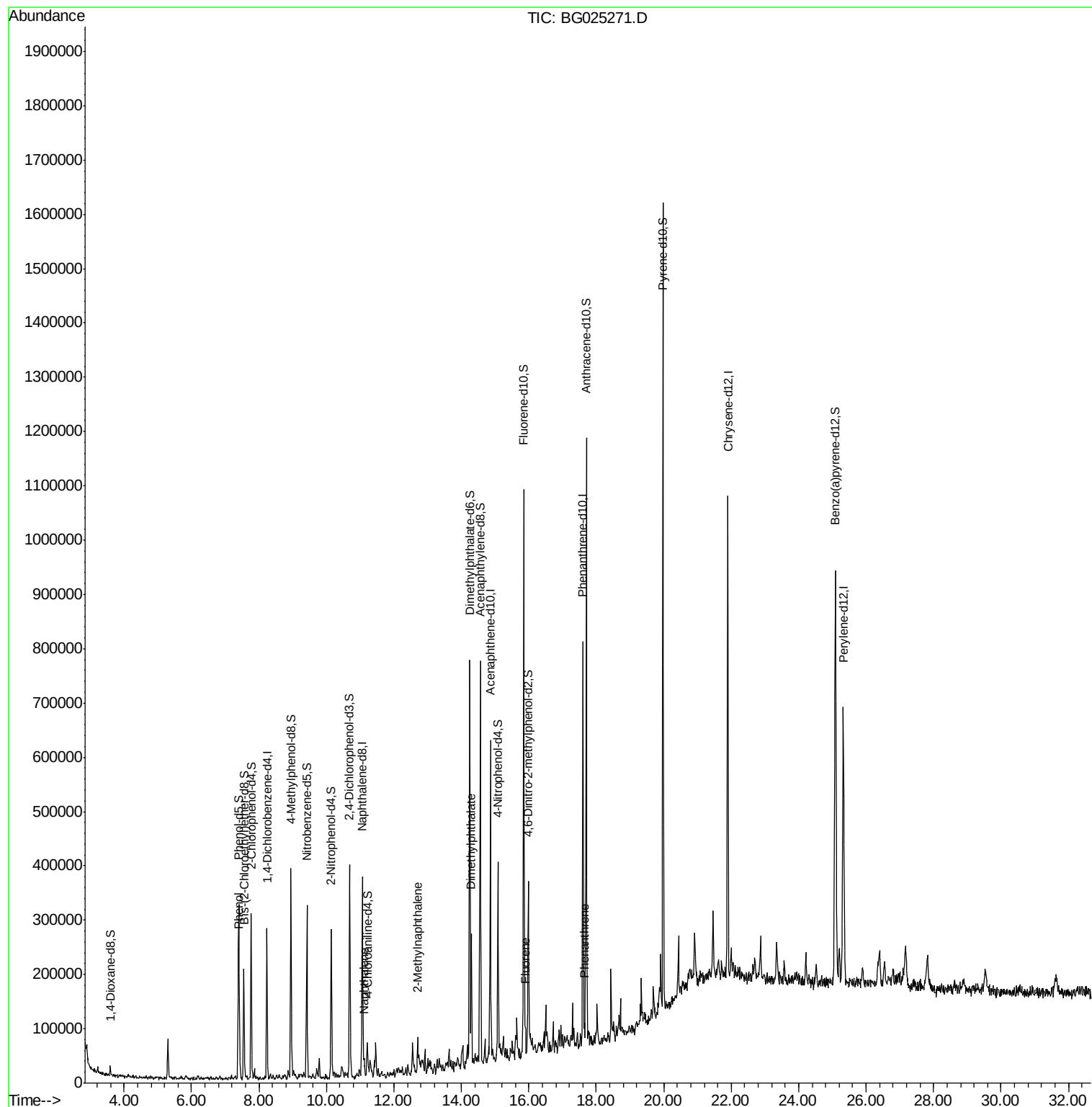
					Ovalue
6) Phenol	7.42	94	22365	3.58 ng/ul	94
28) Naphthalene	11.12	128	22625	1.66 ng/ul#	92
34) 2-Methylnaphthalene	12.70	142	34063	3.16 ng/ul	97
44) Dimethylphthalate	14.30	163	140221	9.67 ng/ul	99
58) Fluorene	15.91	166	16466	1.19 ng/ul#	90
69) Phenanthrene	17.64	178	22180	1.00 ng/ul#	88

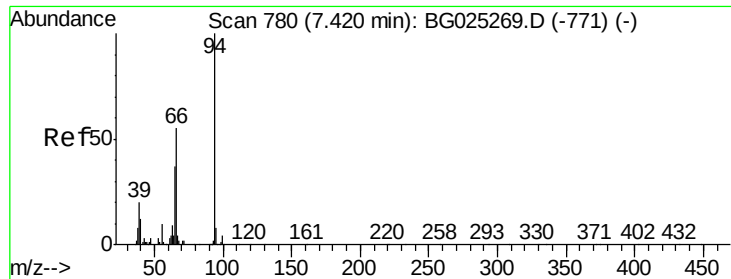
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.58 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025271.D

Acq: 17 Dec 2016 12:55

Instrument :

BNA_G

ClientSampleId :

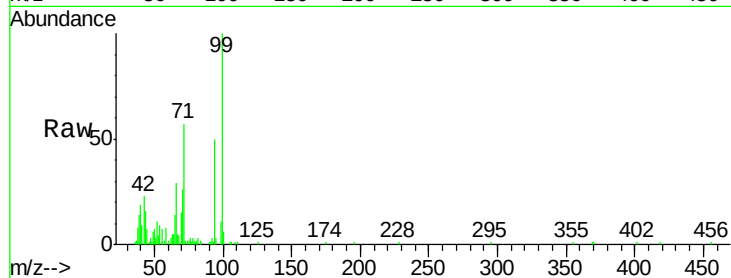
Tot Ion: 94 Resp: 22365

Ion Ratio Lower Upper

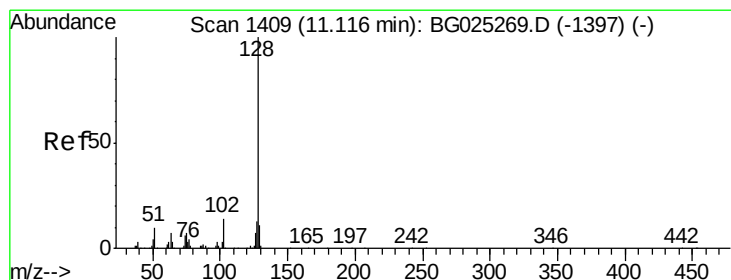
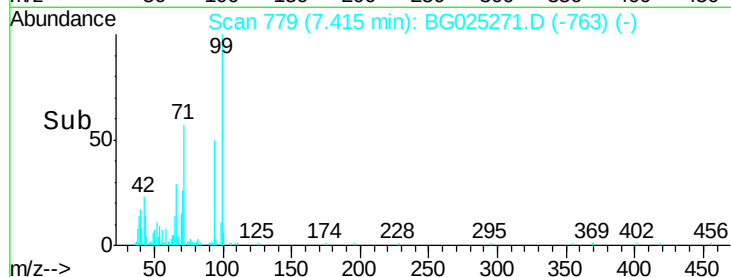
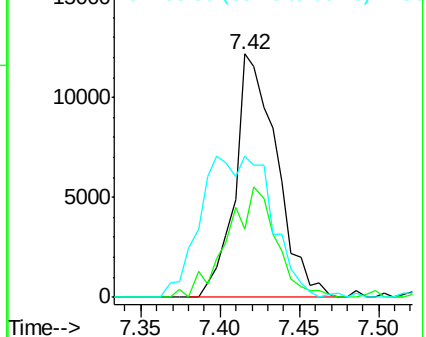
94 100

65 28.2 26.8 40.2

66 57.9 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: 1.66 ng/ul

RT: 11.12 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BG025271.D

Acq: 17 Dec 2016 12:55

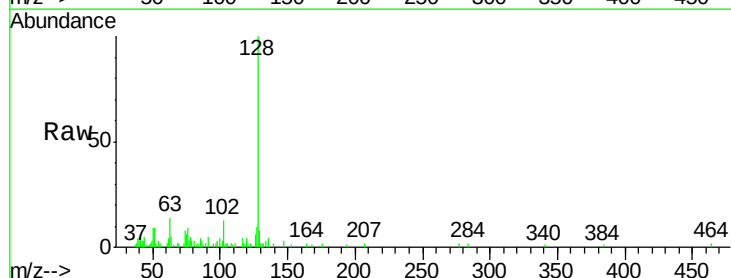
Tgt Ion:128 Resp: 22625

Ion Ratio Lower Upper

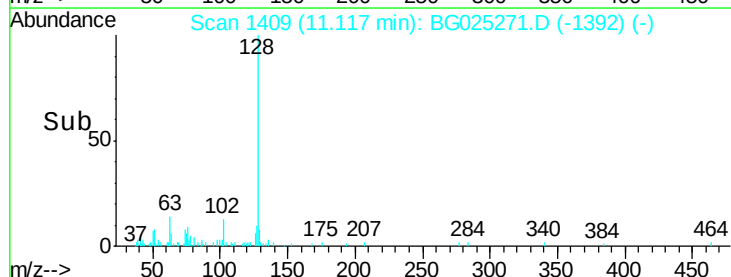
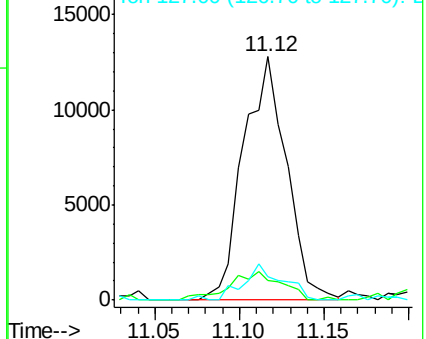
128 100

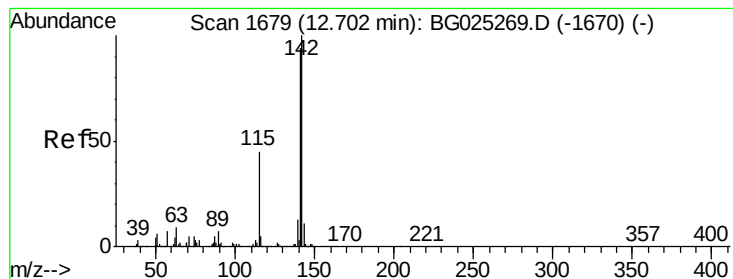
129 8.3 9.4 14.2#

127 9.8 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: 3.16 ng/ul

RT: 12.70 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BG025271.D

Acq: 17 Dec 2016 12:55

Instrument :

BNA_G

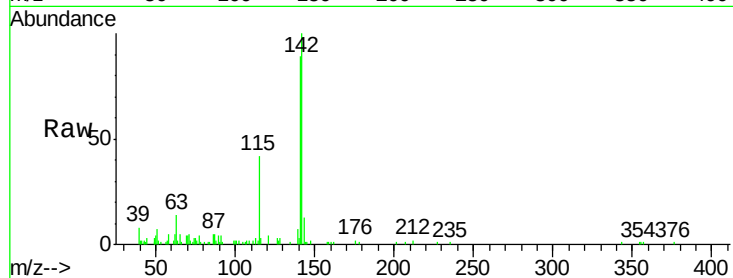
ClientSampleId :

Tot Ion:142 Resp: 34063

Ion Ratio Lower Upper

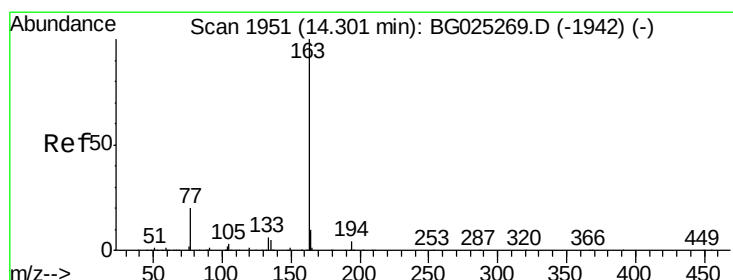
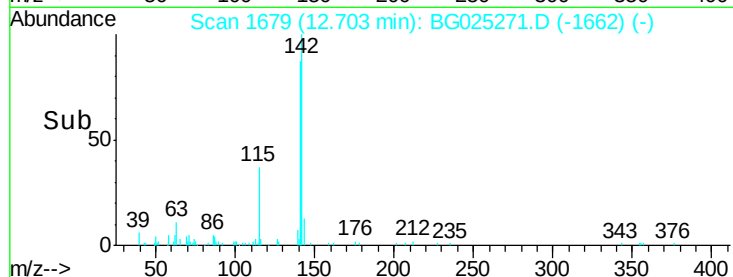
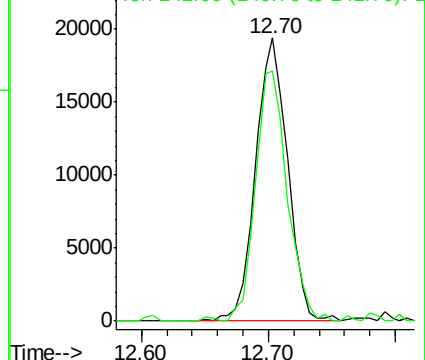
142 100

141 88.5 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#44

Dimethylphthalate

Concen: 9.67 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025271.D

Acq: 17 Dec 2016 12:55

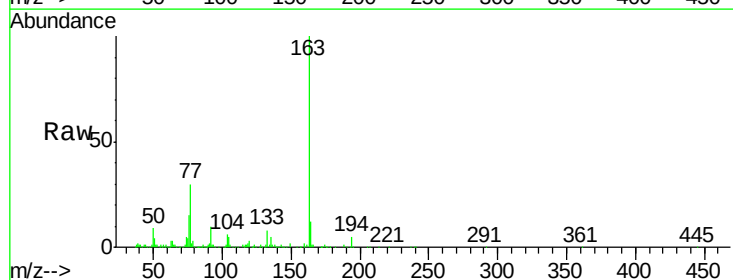
Tgt Ion:163 Resp: 140221

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

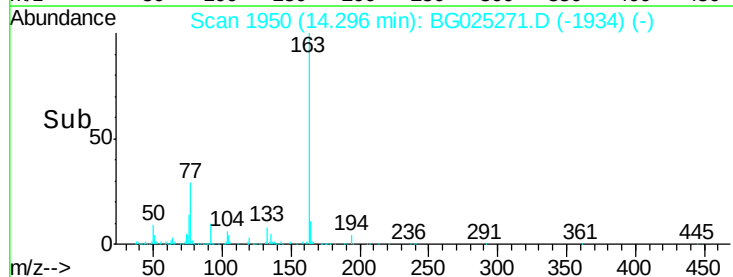
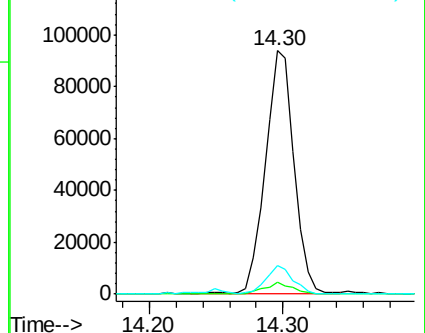
164 11.6 9.0 13.4

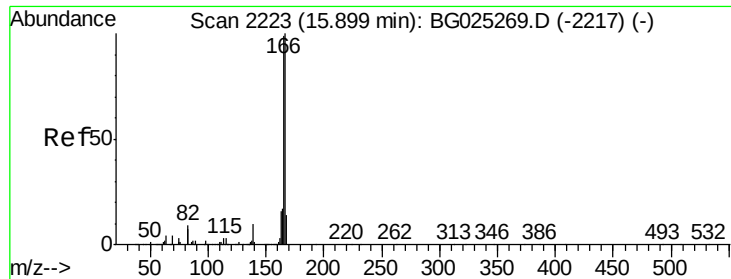


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

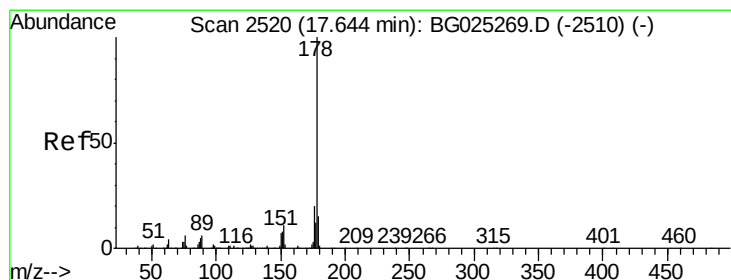
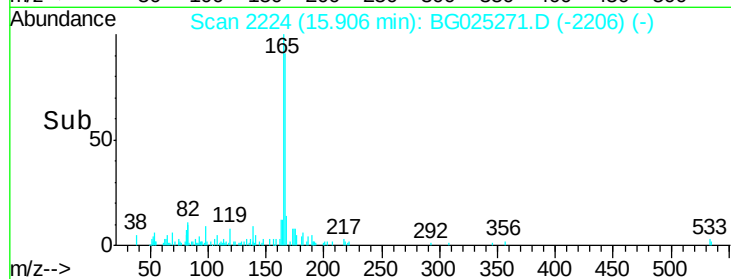
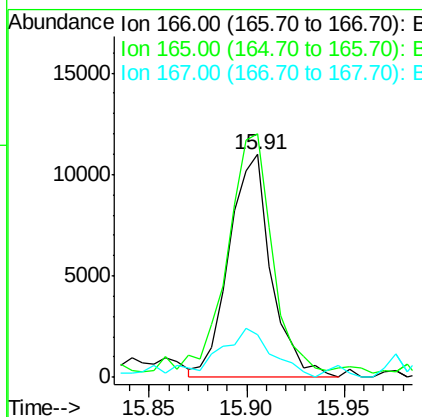
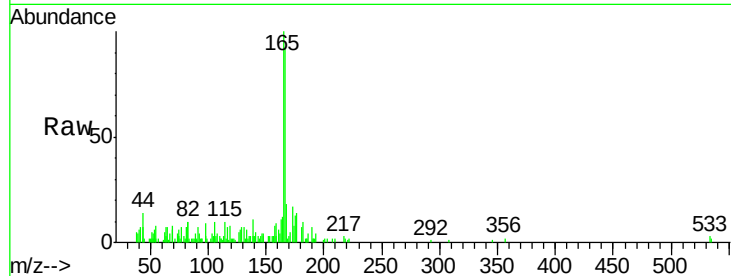




#58
 Fluorene
 Concen: 1.19 ng/ul
 RT: 15.91 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: BG025271.D
 Acq: 17 Dec 2016 12:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	109.2	79.7	119.5
167	19.2	11.4	17.2



#69
 Phenanthrene
 Concen: 1.00 ng/ul
 RT: 17.64 min Scan# 2520
 Delta R.T. 0.00 min
 Lab File: BG025271.D
 Acq: 17 Dec 2016 12:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	23.9	12.4	18.6
176	17.7	16.5	24.7

