Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025265.D
Acq On : 17 Dec 2016 8:26
Operator : UM/SJ
Sample : H5995-15DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA883DL

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Quant Time: Dec 18 01:03:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 00:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	71562	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	269305	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	210059	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	435137	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	572226	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	600657	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	1751	1.26	ng/uL	0.00
5) Phenol-d5	7.40	99	17478	2.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	12436	3.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	12252	2.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	14329	2.78	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	7947	4.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	7259	3.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	14627	3.20	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.25	166	48546	3.36	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	64012	4.04	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.85	176	67384m	4.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.71	188	71833	3.91	ng/ul	0.00
76) Pyrene-d10	19.98	212	89752	3.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	83421	3.43	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.43	94	51721	8.16	ng/ul	98
11) 2-Methylphenol	8.68	108	62257	13.34	ng/ul	85
16) 4-Methylphenol	9.02	108	164846	31.76	ng/ul	92
24) 2,4-Dimethylphenol	10.22	107	282120	51.15	ng/ul	97
28) Naphthalene	11.12	128	260434	20.80	ng/ul	99
34) 2-Methylnaphthalene	12.70	142	571138	57.81	ng/ul	94
40) 1,1'-Biphenyl	13.69	154	97579	7.66	ng/ul#	94
49) Acenaphthene	14.93	153	73058	6.93	ng/ul#	77
53) Dibenzofuran	15.26	168	126465	7.59	ng/ul	90
58) Fluorene	15.90	166	204329	15.05	ng/ul#	98
69) Phenanthrene	17.65	178	438150	21.10	ng/ul	95
74) Fluoranthene	19.64	202	66291	2.69	ng/ul#	90
77) Pyrene	20.01	202	105629	3.84	ng/ul#	90

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

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Instrument :
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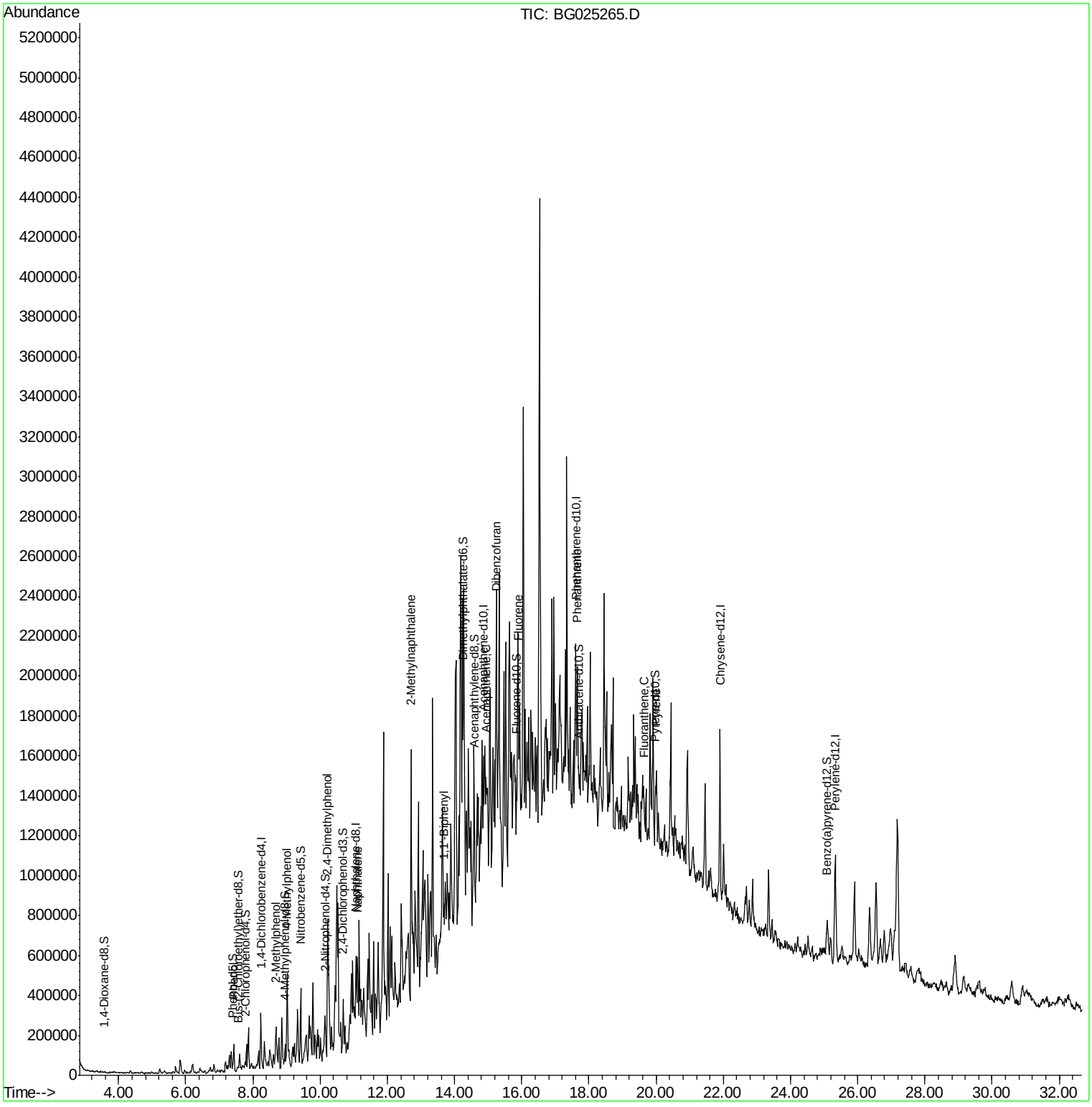
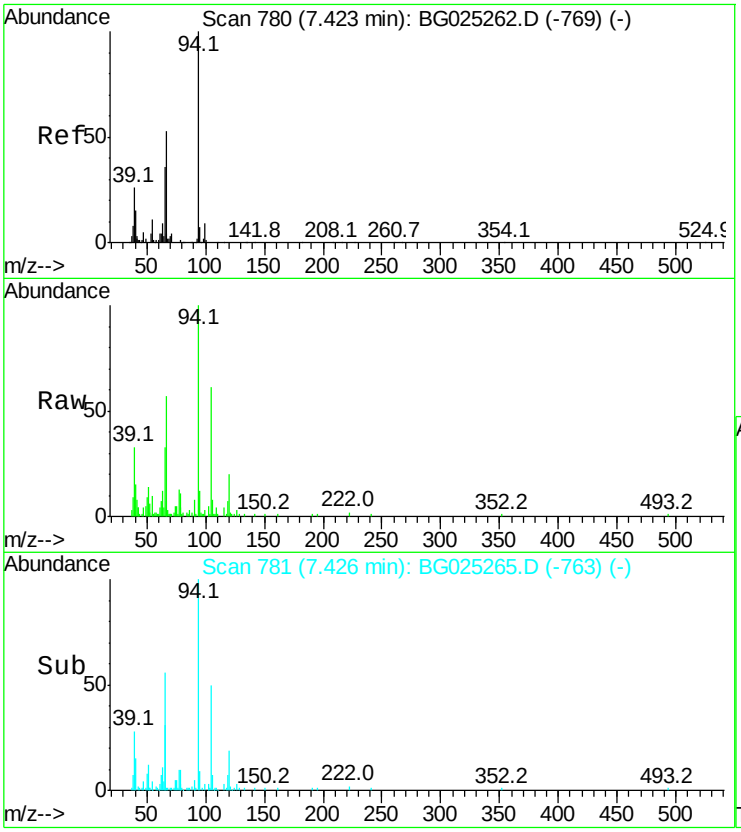
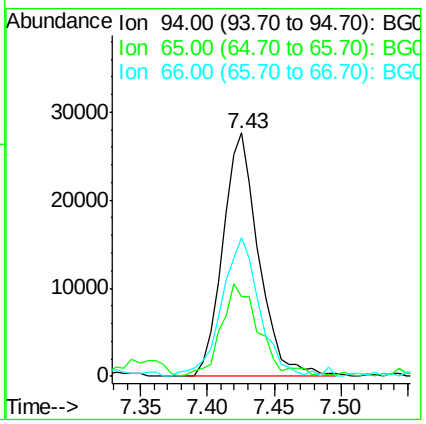




#6
Phenol
Concen: 8.16 ng/ul
RT: 7.43 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG025265.D
Acq: 17 Dec 2016 8:26

Tgt Ion: 94 Resp: 51721

Ion	Ratio	Lower	Upper
94	100		
65	32.6	26.8	40.2
66	57.0	44.4	66.6



Instrument :
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ClientSampleId :
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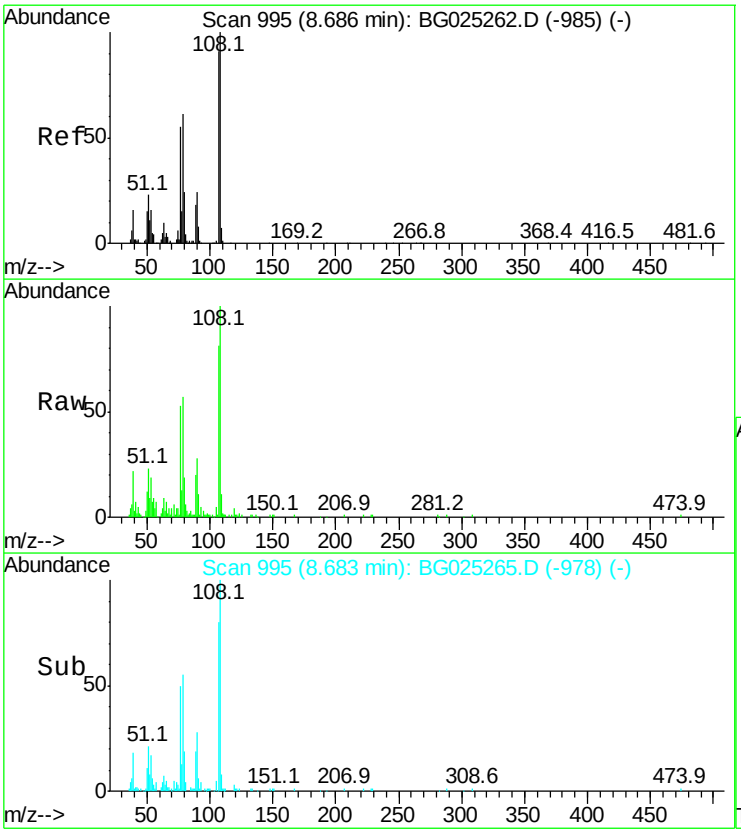
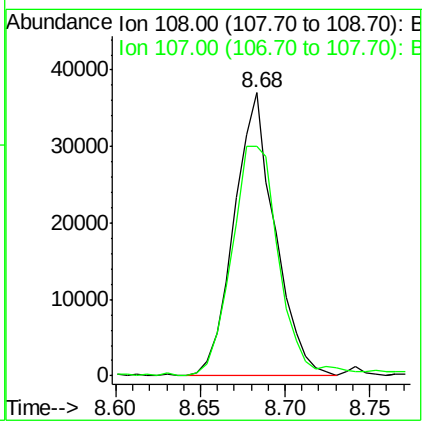
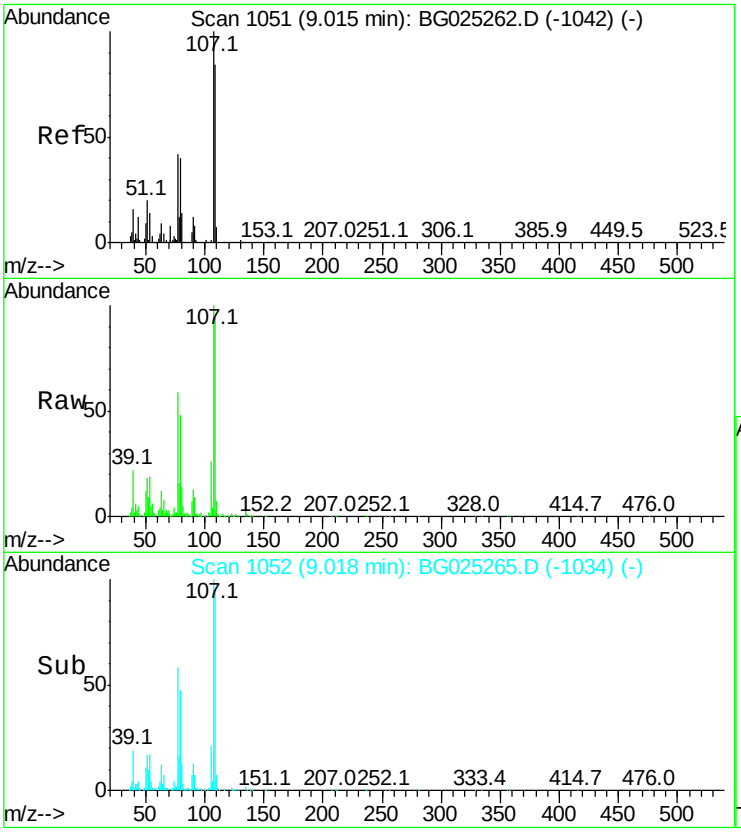


#11
2-Methylphenol
Concen: 13.34 ng/ul
RT: 8.68 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG025265.D
Acq: 17 Dec 2016 8:26

Tgt Ion:108 Resp: 62257

Ion	Ratio	Lower	Upper
108	100		
107	81.2	76.7	115.1

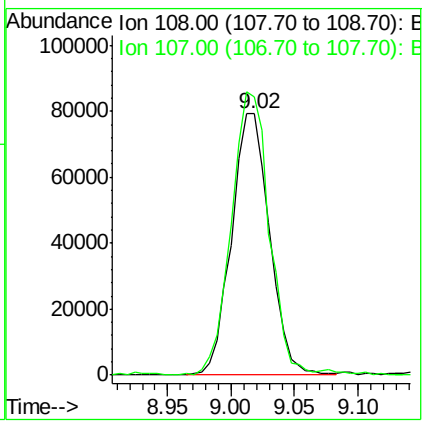




#16
4-Methylphenol
Concen: 31.76 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BG025265.D
Acq: 17 Dec 2016 8:26

Tgt Ion:108 Resp: 164846

Ion	Ratio	Lower	Upper
108	100		
107	106.3	91.7	137.5



Instrument :
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ClientSampleId :
DA883DL

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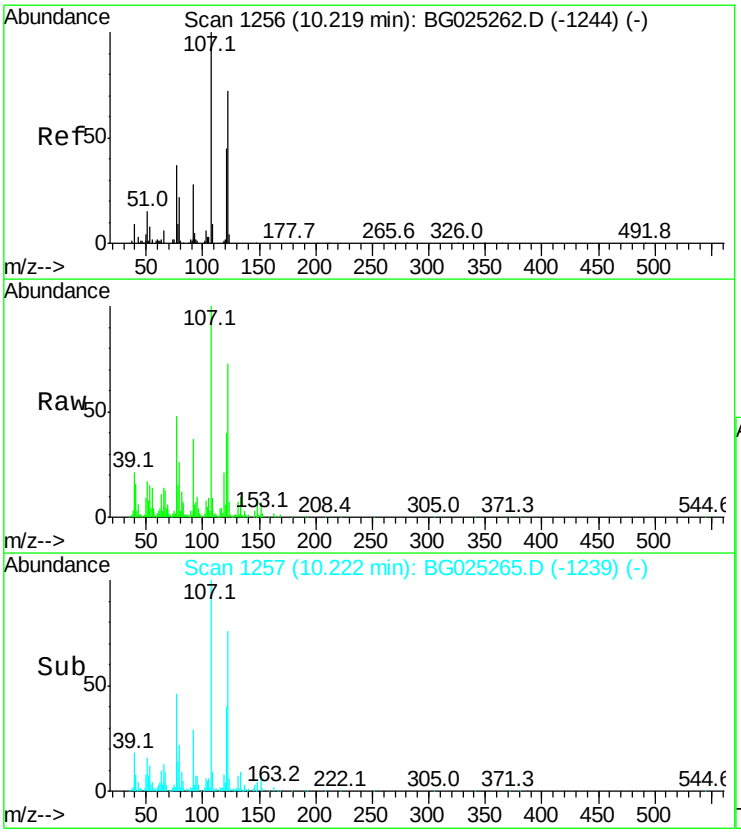
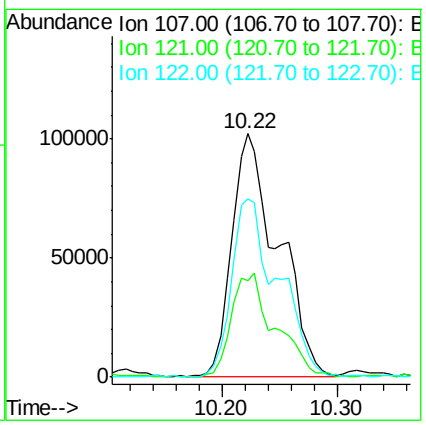
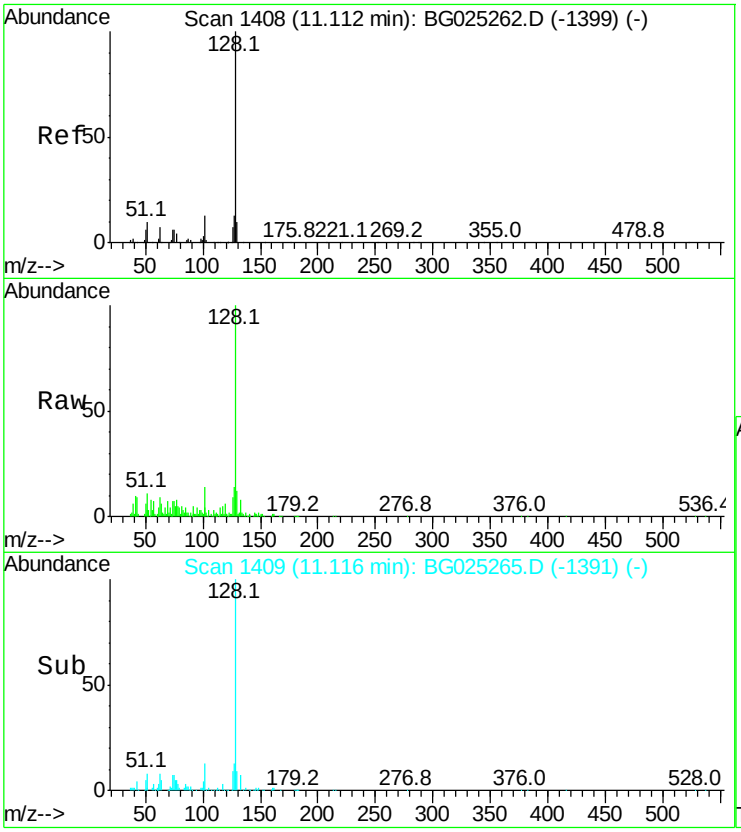


#24
2,4-Dimethylphenol
Concen: 51.15 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG025265.D
Acq: 17 Dec 2016 8:26

Tgt Ion:107 Resp: 282120

Ion	Ratio	Lower	Upper
107	100		
121	39.8	32.3	48.5
122	73.2	61.2	91.8

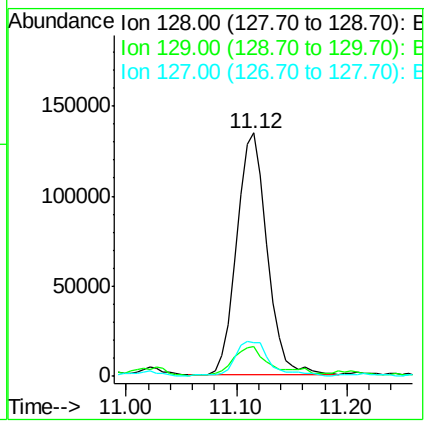




#28
Naphthalene
Concen: 20.80 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025265.D
Acq: 17 Dec 2016 8:26

Tgt Ion:128 Resp: 260434

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.2
127	13.7	10.3	15.5



Instrument :
BNA_G
ClientSampleId :
DA883DL

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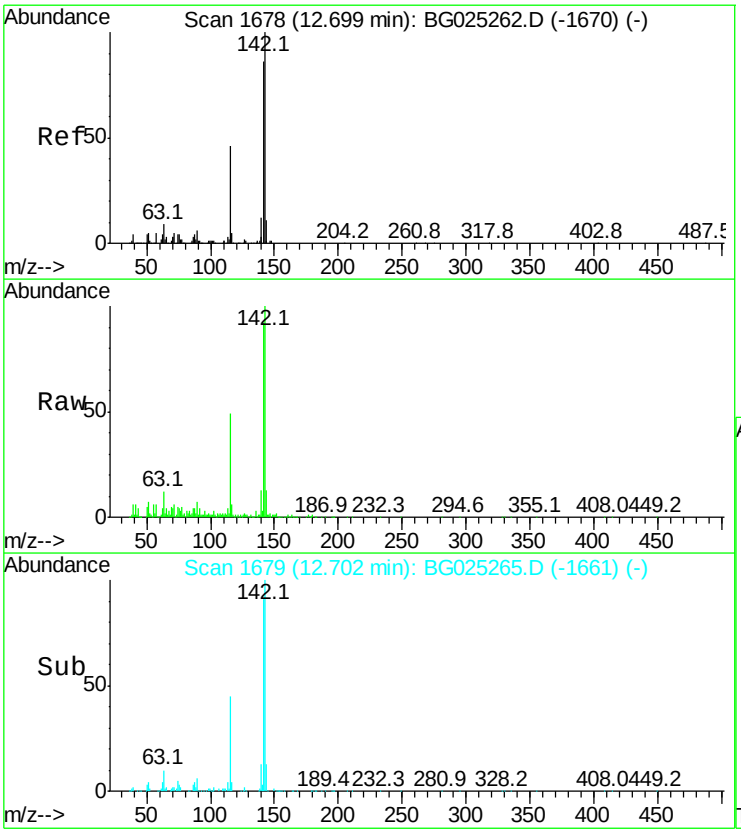
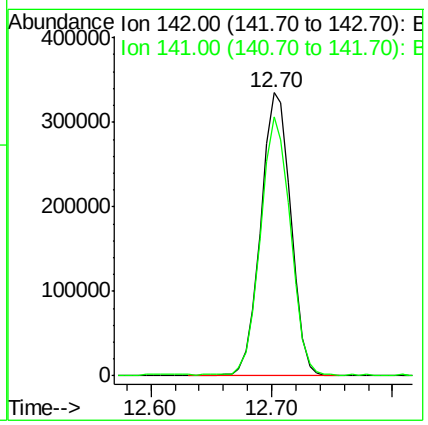
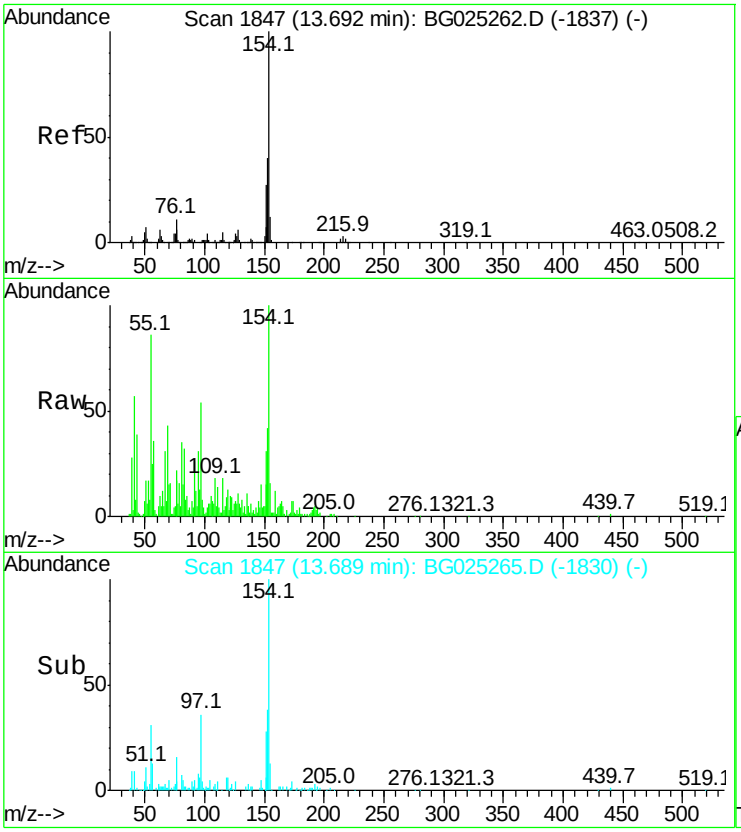


#34
2-Methylnaphthalene
Concen: 57.81 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025265.D
Acq: 17 Dec 2016 8:26

Tgt Ion:142 Resp: 571138

Ion	Ratio	Lower	Upper
142	100		
141	91.6	68.6	102.8

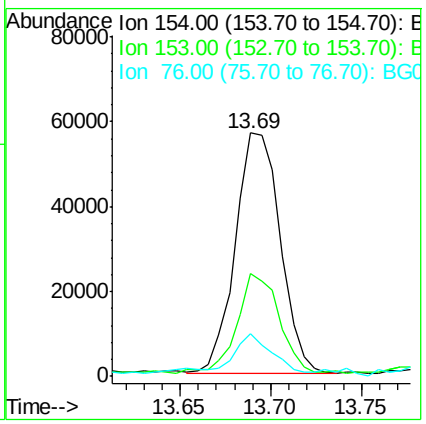




#40
1,1'-Biphenyl
Concen: 7.66 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG025265.D
Acq: 17 Dec 2016 8:26

Tgt Ion:154 Resp: 97579

Ion	Ratio	Lower	Upper
154	100		
153	42.1	32.2	48.2
76	17.4	9.6	14.4#



Instrument :
BNA_G
ClientSampleId :
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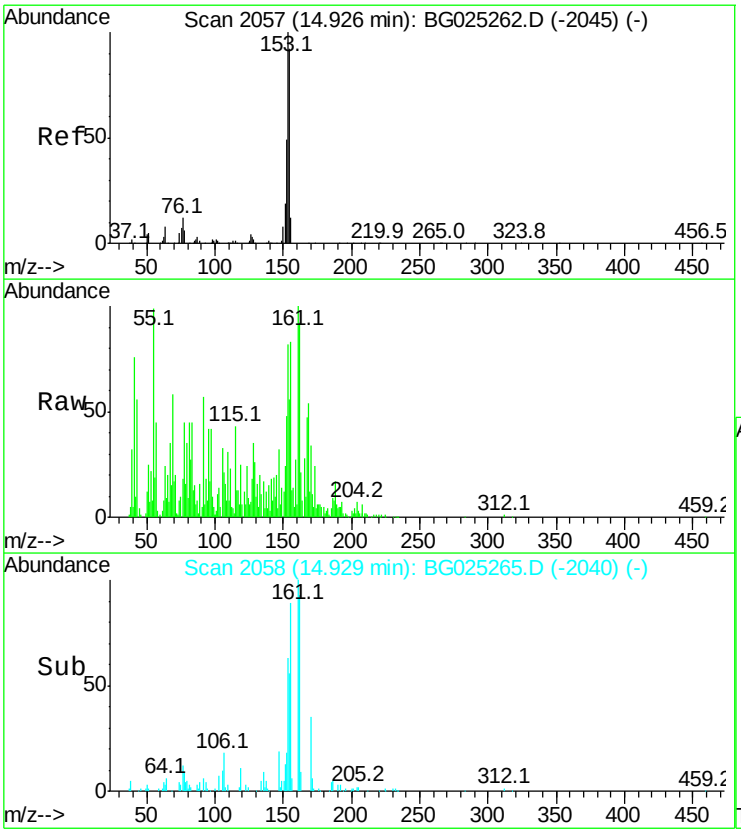
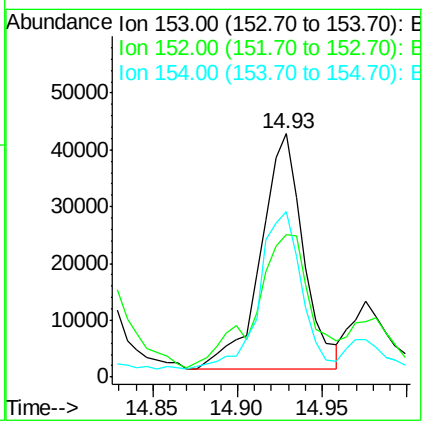
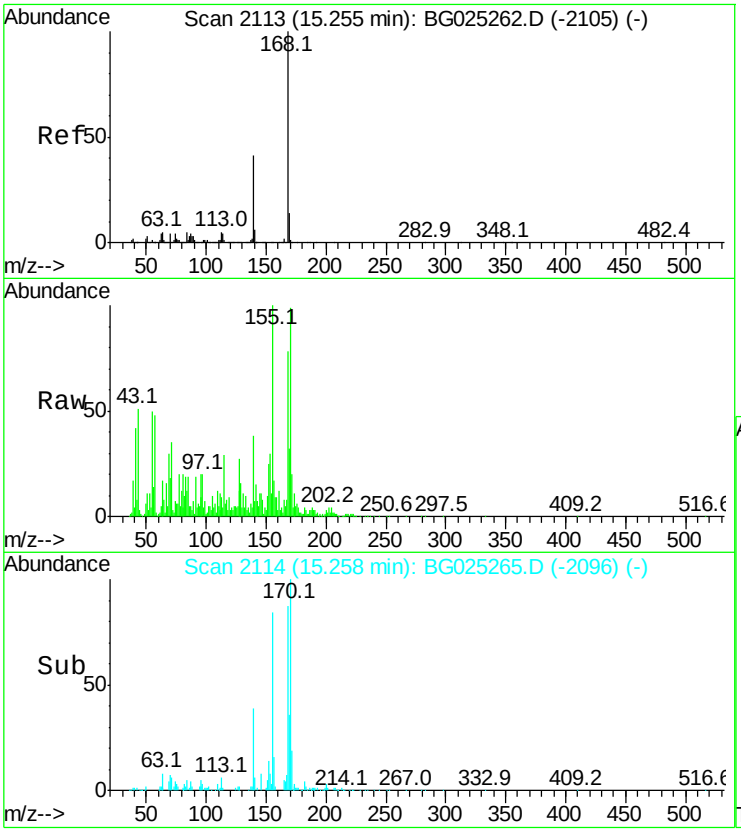


#49
Acenaphthene
Concen: 6.93 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG025265.D
Acq: 17 Dec 2016 8:26

Tgt Ion:153 Resp: 73058

Ion	Ratio	Lower	Upper
153	100		
152	58.6	36.5	54.7#
154	67.8	72.3	108.5#





#53
Dibenzofuran
Concen: 7.59 ng/ul
RT: 15.26 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BG025265.D
Acq: 17 Dec 2016 8:26

Tgt Ion:168 Resp: 126465

Ion	Ratio	Lower	Upper
168	100		
139	48.7	33.8	50.8

Instrument :
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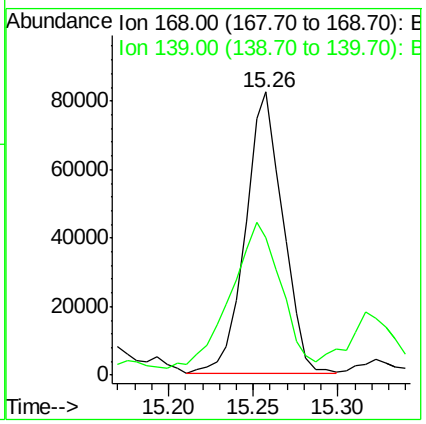
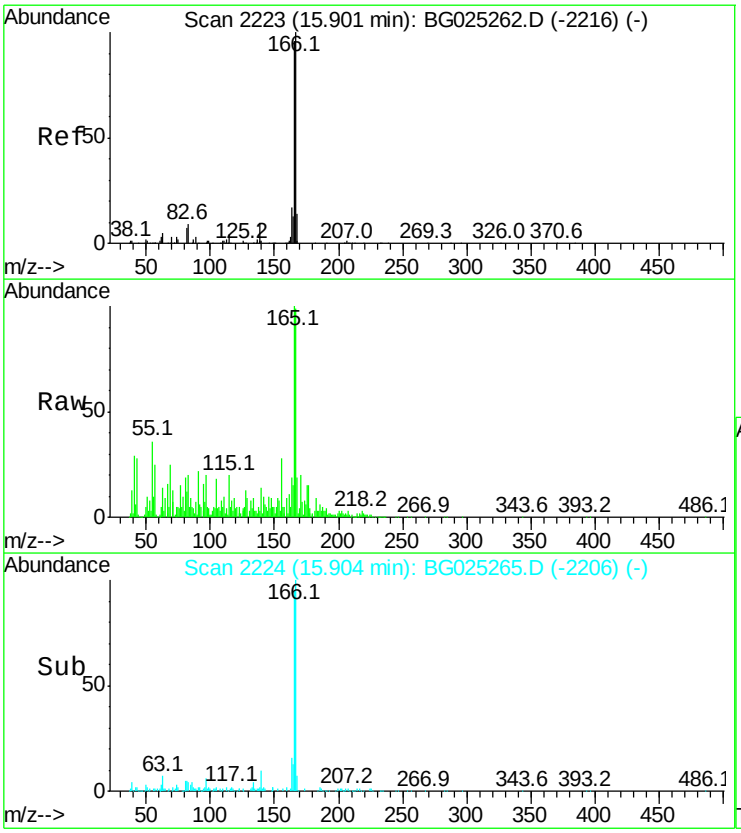
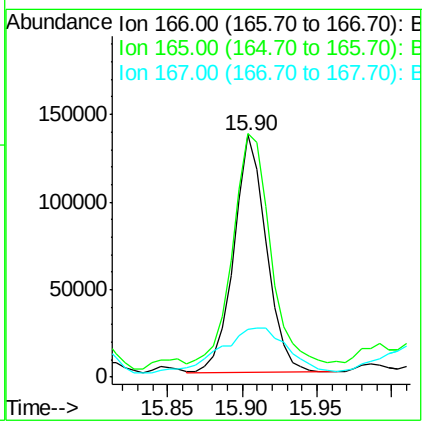


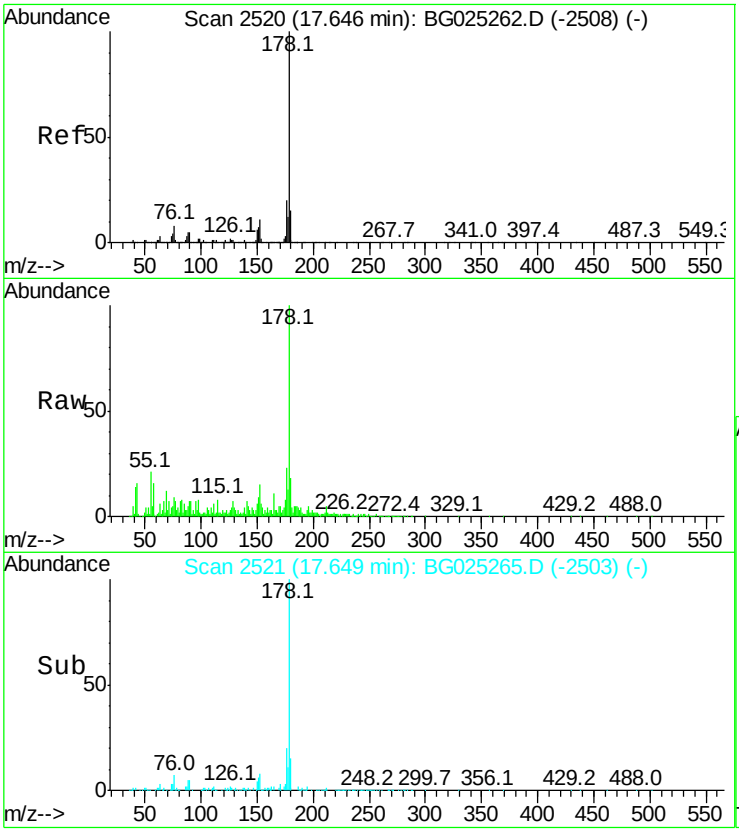


#58
Fluorene
Concen: 15.05 ng/ul
RT: 15.90 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BG025265.D
Acq: 17 Dec 2016 8:26

Tgt Ion:166 Resp: 204329

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.7	119.5
167	19.5	11.4	17.2#

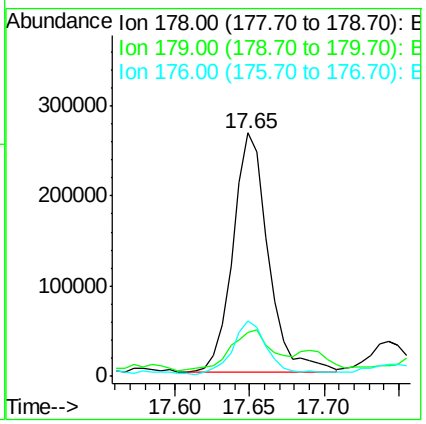




#69
Phenanthrene
Concen: 21.10 ng/ul
RT: 17.65 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BG025265.D
Acq: 17 Dec 2016 8:26

Tgt Ion:178 Resp: 438150

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.4	18.6
176	22.6	16.5	24.7



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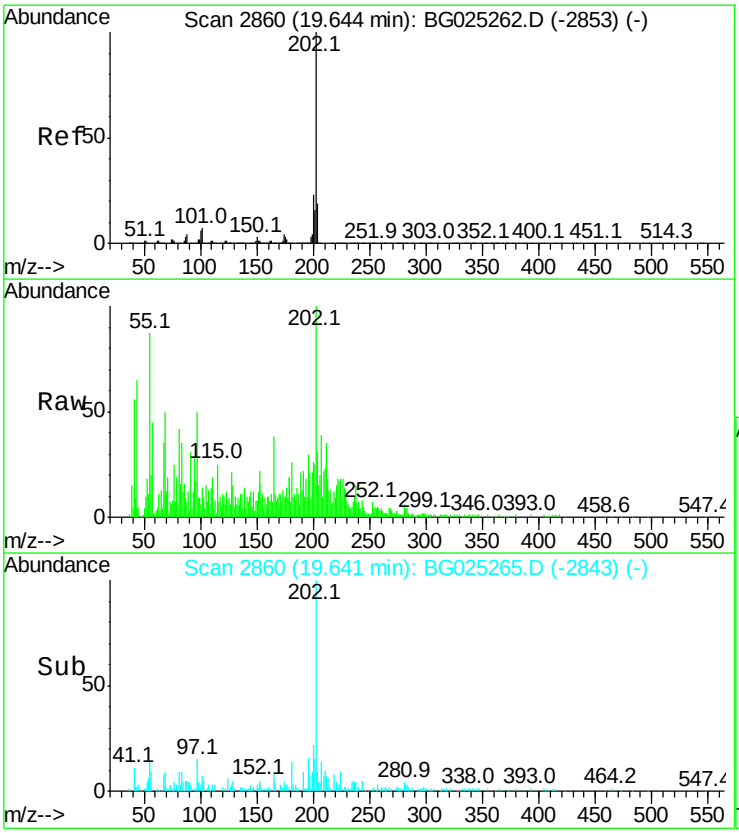
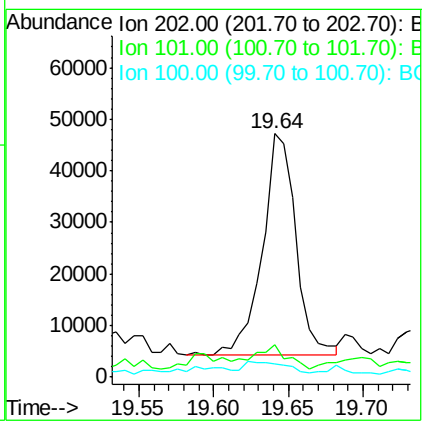
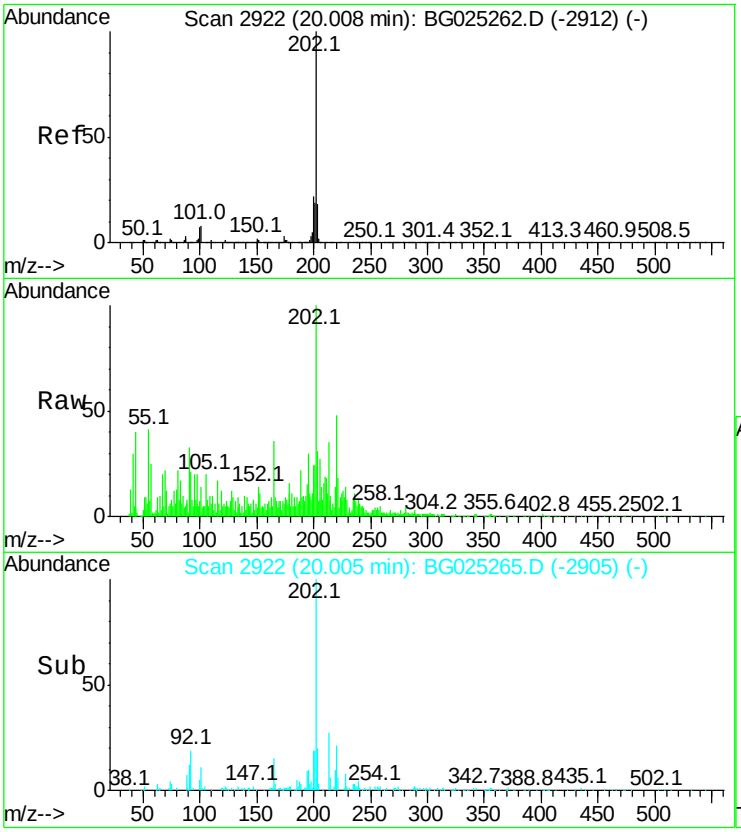


#74
Fluoranthene
Concen: 2.69 ng/ul
RT: 19.64 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BG025265.D
Acq: 17 Dec 2016 8:26

Tgt Ion:202 Resp: 66291

Ion	Ratio	Lower	Upper
202	100		
101	13.5	6.2	9.2#
100	5.5	5.2	7.8

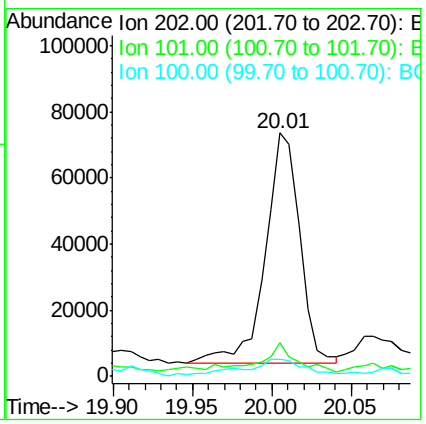




#77
Pyrene
Concen: 3.84 ng/ul
RT: 20.01 min Scan# 2922
Delta R.T. -0.00 min
Lab File: BG025265.D
Acq: 17 Dec 2016 8:26

Tgt Ion:202 Resp: 105629

Ion	Ratio	Lower	Upper
202	100		
101	14.0	6.9	10.3#
100	6.9	6.6	10.0



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