Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 18 03:23:36 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

Instrument : BNA_G
ClientSampleId : DA8W3

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	69609	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	288997	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	224342	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.61	188	457353	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	577021	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	591757	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	23862	17.71	ng/uL	-0.02
5) Phenol-d5	7.40	99	172581	28.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	117339	31.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	121955	29.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	147009	29.29	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	70199	34.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	79224	31.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	155223	31.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	218322	45.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	483950	31.36	ng/ul	0.02
46) Acenaphthylene-d8	14.57	160	575749	34.06	ng/ul	0.01
51) 4-Nitrophenol-d4	15.06	143	11945	4.50	ng/ul	-0.02
57) Fluorene-d10	15.85	176	584466	40.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	108102	38.23	ng/ul	0.02
70) Anthracene-d10	17.71	188	678315	35.14	ng/ul	0.00
76) Pyrene-d10	19.98	212	805876	33.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	796868	33.23	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.43	94	77882	12.64	ng/ul#	84
11) 2-Methylphenol	8.68	108	295826	65.18	ng/ul	95
14) Acetophenone	9.07	105	52182	6.83	ng/ul	98
16) 4-Methylphenol	9.02	108	782681	155.02	ng/ul	94
24) 2,4-Dimethylphenol	10.23	107	1670670m	282.29	ng/ul	
27) 2,4-Dichlorophenol	10.69	162	83567	17.54	ng/ul#	26
28) Naphthalene	11.12	128	1006730	74.94	ng/ul	98
34) 2-Methylnaphthalene	12.71	142	1081860	102.05	ng/ul	94
40) 1,1'-Biphenyl	13.70	154	257430	18.93	ng/ul	99
44) Dimethylphthalate	14.31	163	117296	7.73	ng/ul#	97
49) Acenaphthene	14.93	153	82249	7.31	ng/ul#	77
53) Dibenzofuran	15.26	168	271693	15.26	ng/ul	98
58) Fluorene	15.91	166	397787	27.44	ng/ul#	97
69) Phenanthrene	17.65	178	394348	18.07	ng/ul#	92
71) Anthracene	17.74	178	116406	5.19	ng/ul#	87
72) Carbazole	18.02	167	58320	3.11	ng/ul#	67
74) Fluoranthene	19.65	202	91565	3.53	ng/ul#	86
77) Pyrene	20.01	202	147667	5.32	ng/ul	97

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

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Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
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Instrument :
BNA_G
ClientSampleId :
DA8W3

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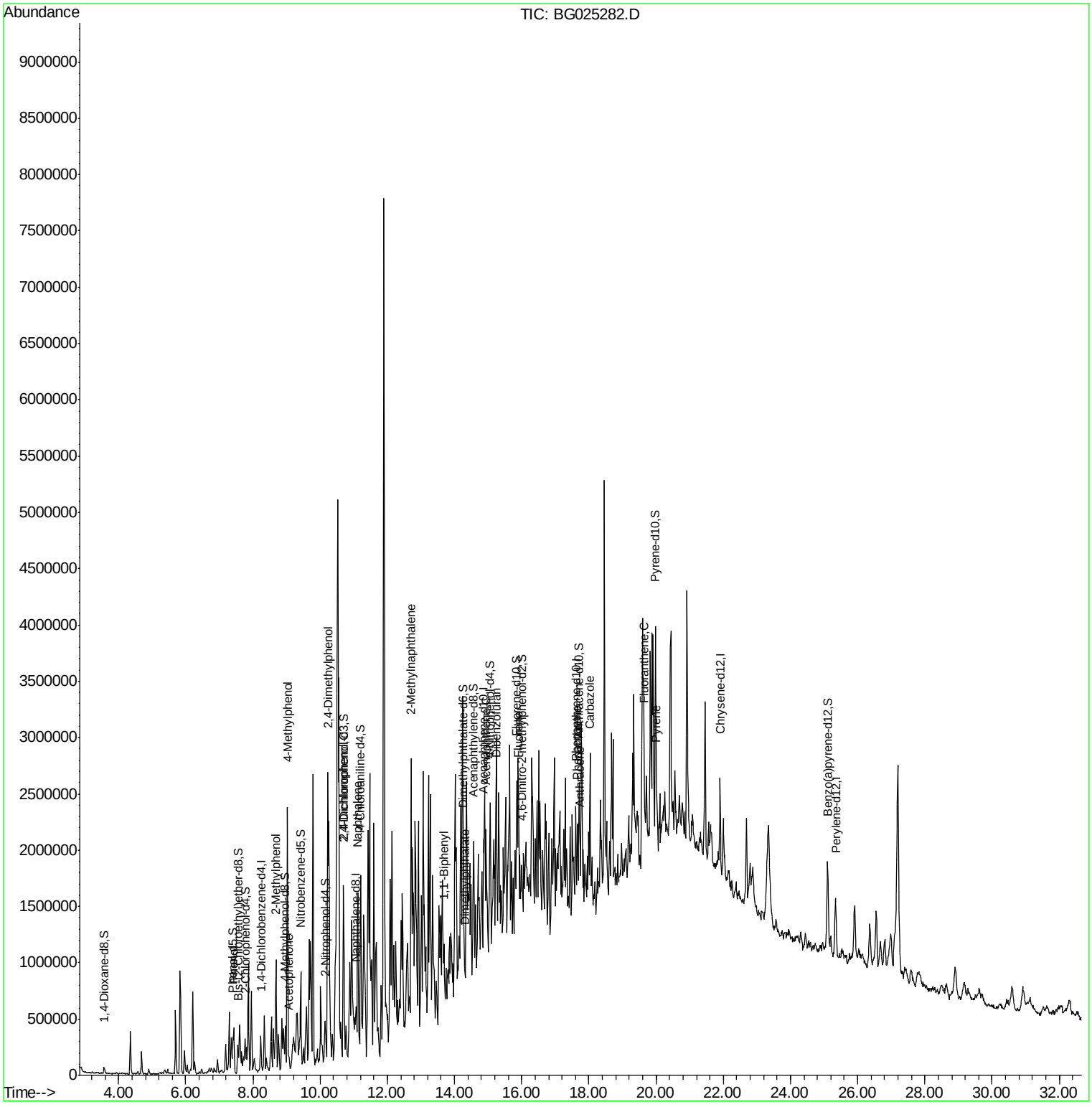
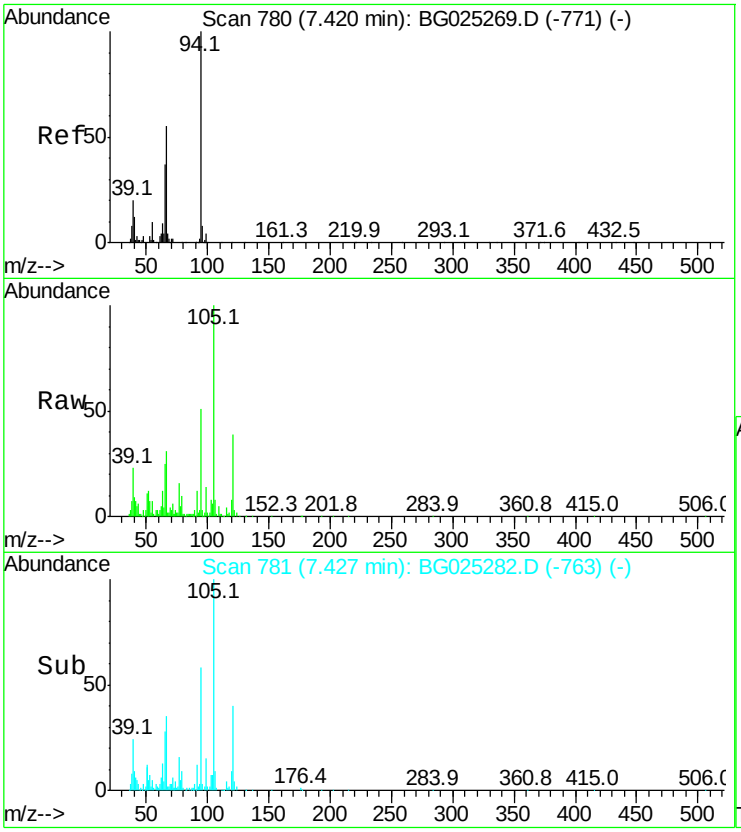
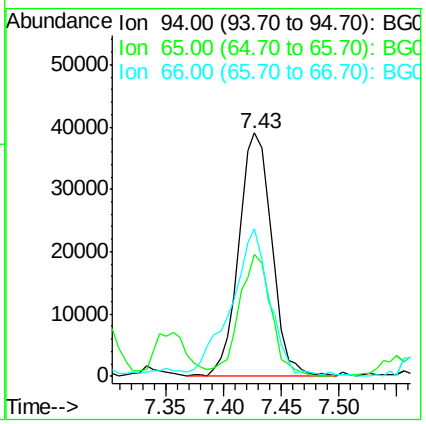




#6
Phenol
Concen: 12.64 ng/ul
RT: 7.43 min Scan# 781
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion: 94 Resp: 77882

Ion	Ratio	Lower	Upper
94	100		
65	50.2	26.8	40.2#
66	60.7	44.4	66.6



Instrument :
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ClientSampleId :
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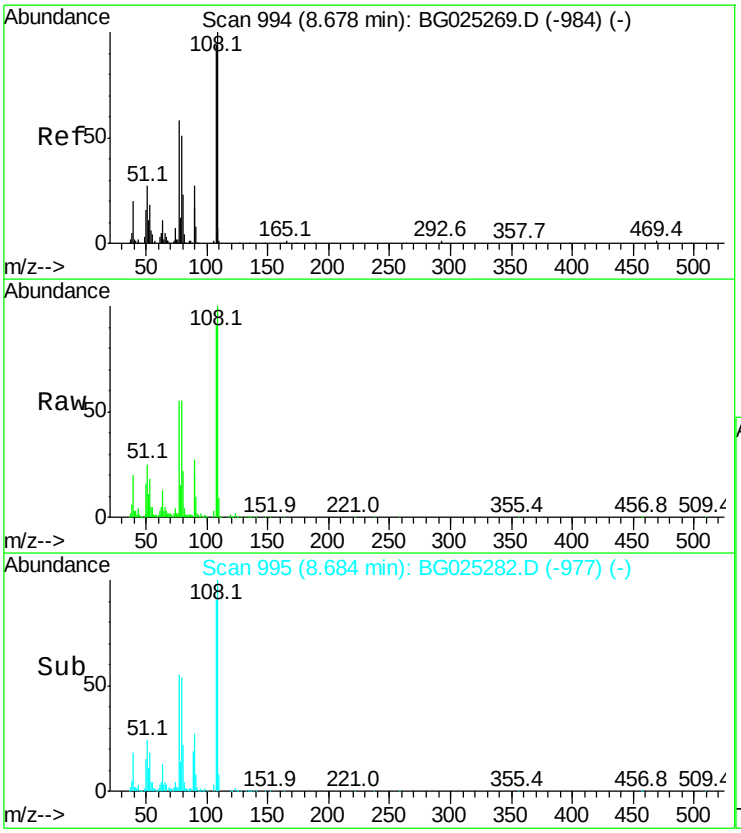
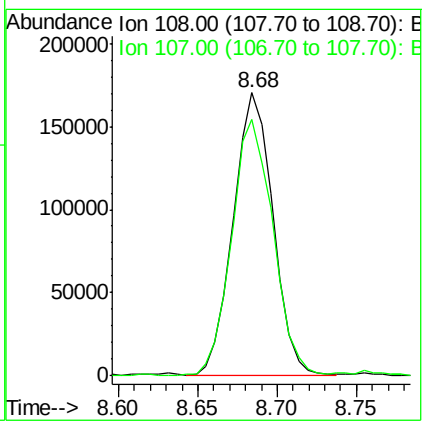
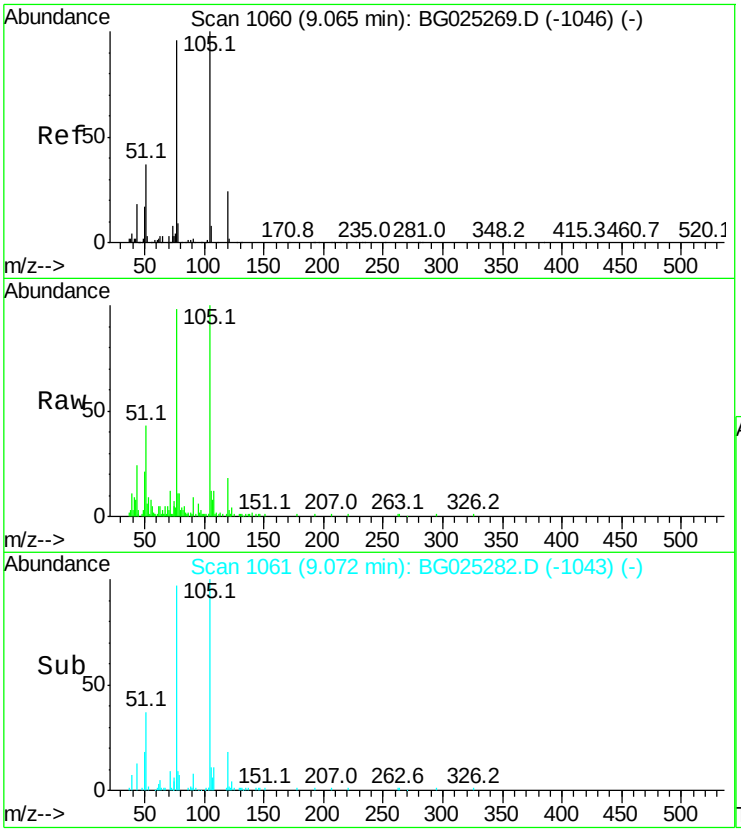


#11
2-Methylphenol
Concen: 65.18 ng/ul
RT: 8.68 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:108 Resp: 295826

Ion	Ratio	Lower	Upper
108	100		
107	90.8	76.7	115.1

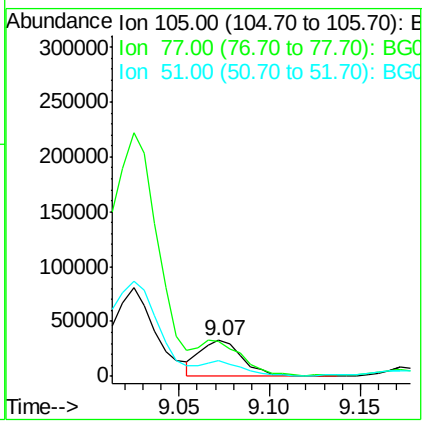




#14
Acetophenone
Concen: 6.83 ng/ul
RT: 9.07 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:105 Resp: 52182

Ion	Ratio	Lower	Upper
105	100		
77	98.2	76.0	114.0
51	43.2	34.8	52.2



Instrument :
BNA_G
ClientSampleId :
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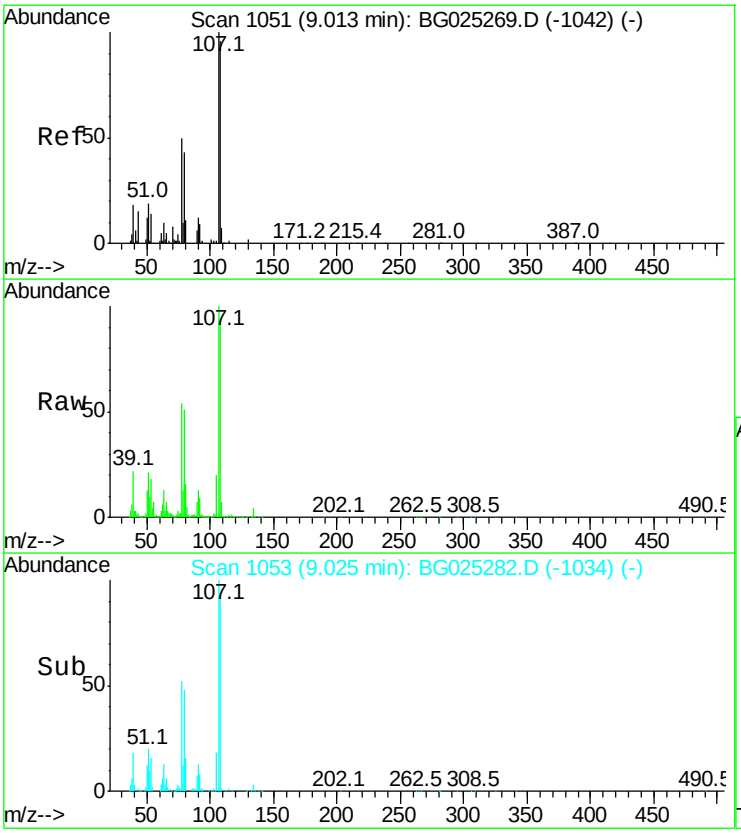
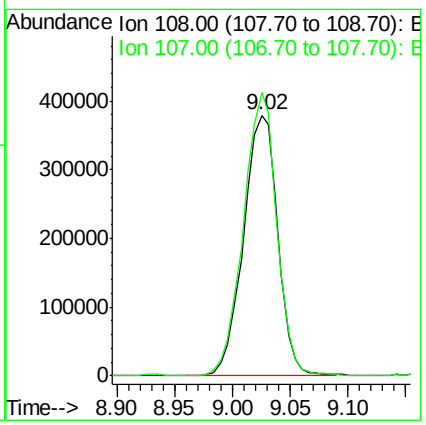
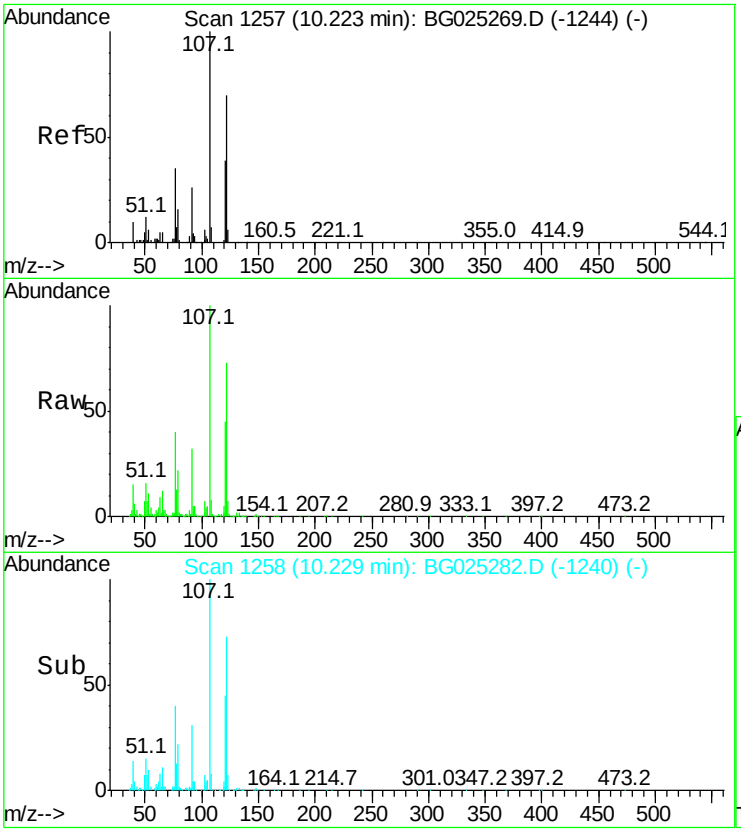


#16
4-Methylphenol
Concen: 155.02 ng/ul
RT: 9.02 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:108 Resp: 782681

Ion	Ratio	Lower	Upper
108	100		
107	108.5	91.7	137.5





#24
2,4-Dimethylphenol
Concen: 282.29 ng/ul m
RT: 10.23 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:107 Resp: 1670670

Ion	Ratio	Lower	Upper
107	100		
121	44.8	32.3	48.5
122	72.8	61.2	91.8

Instrument :
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ClientSampleId :
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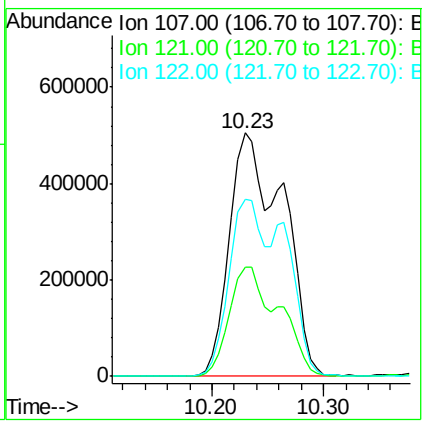
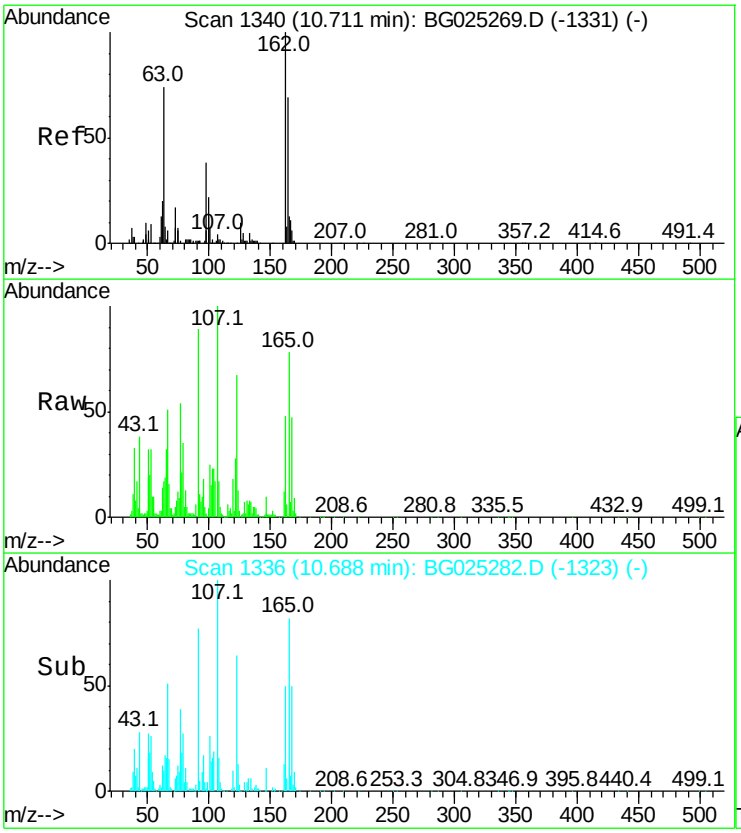
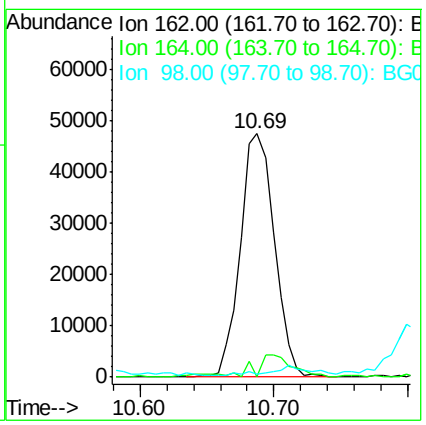


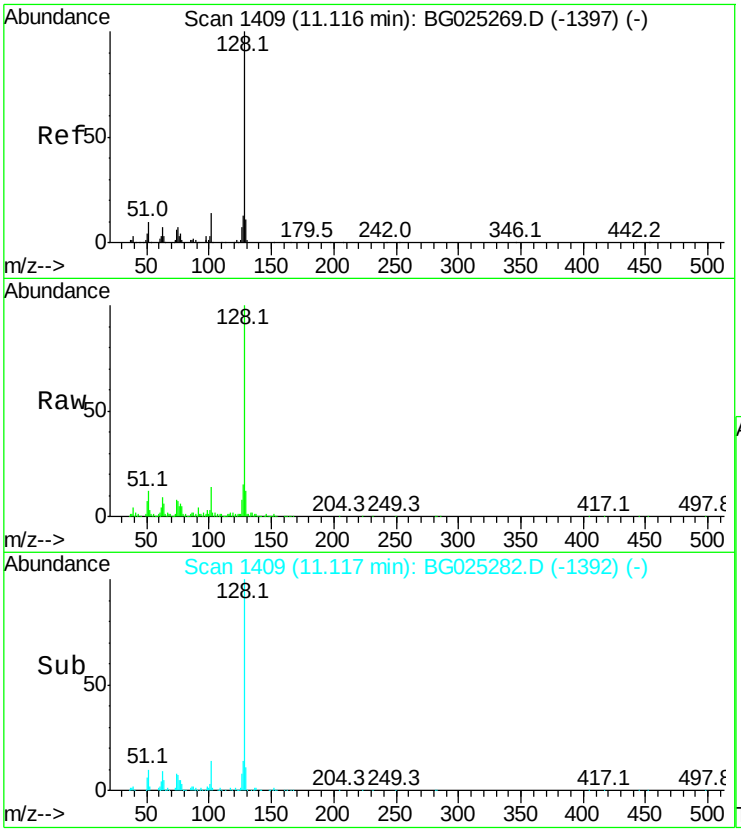


#27
2,4-Dichlorophenol
Concen: 17.54 ng/ul
RT: 10.69 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:162 Resp: 83567

Ion	Ratio	Lower	Upper
162	100		
164	0.0	50.8	76.2#
98	1.3	32.1	48.1#

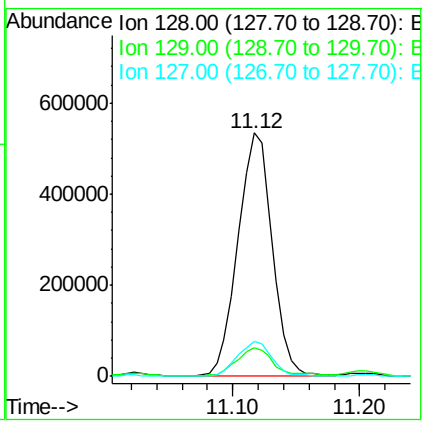




#28
Naphthalene
Concen: 74.94 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:128 Resp: 1006730

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	14.6	10.3	15.5



Instrument :
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ClientSampleId :
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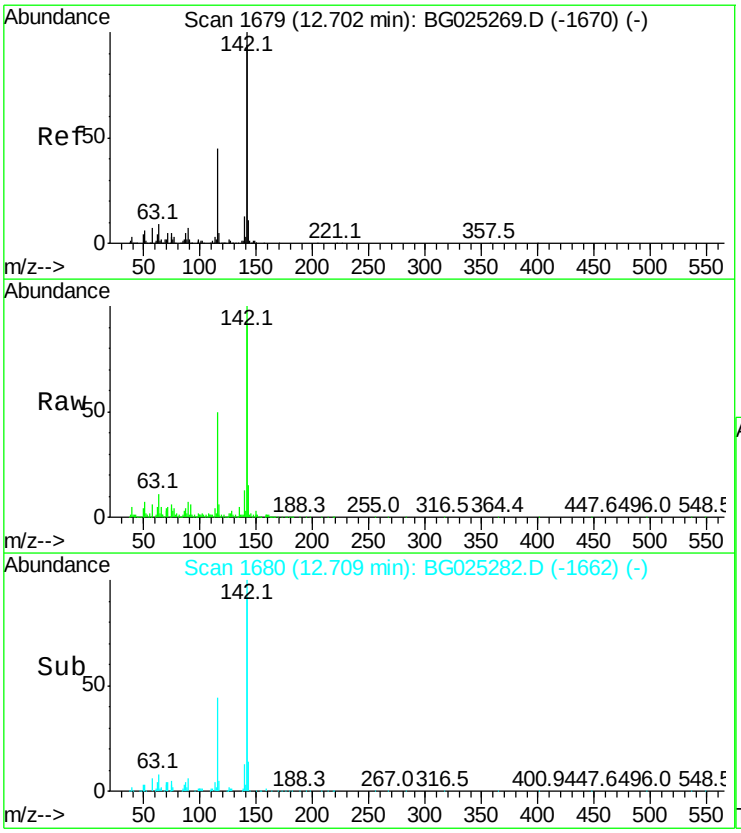
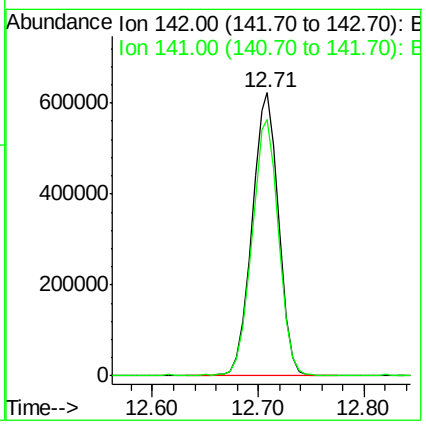
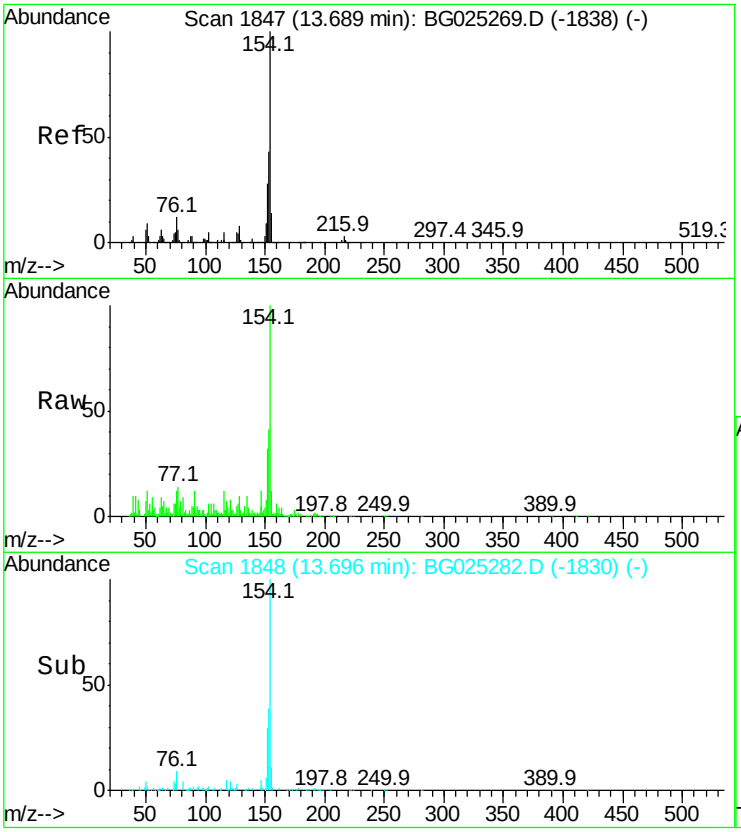


#34
2-Methylnaphthalene
Concen: 102.05 ng/ul
RT: 12.71 min Scan# 1680
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:142 Resp: 1081860

Ion	Ratio	Lower	Upper
142	100		
141	90.8	68.6	102.8

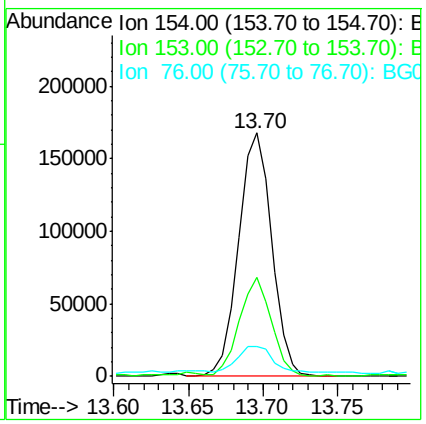




#40
1,1'-Biphenyl
Concen: 18.93 ng/ul
RT: 13.70 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:154 Resp: 257430

Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.2	48.2
76	12.2	9.6	14.4



Instrument :
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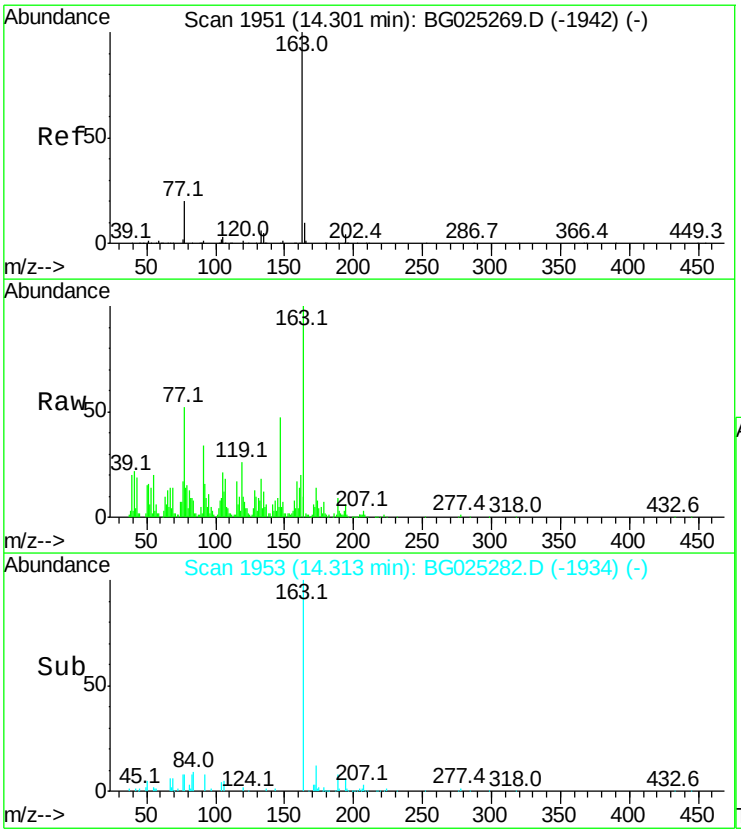
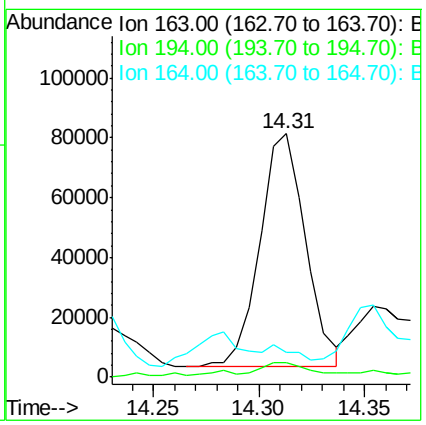
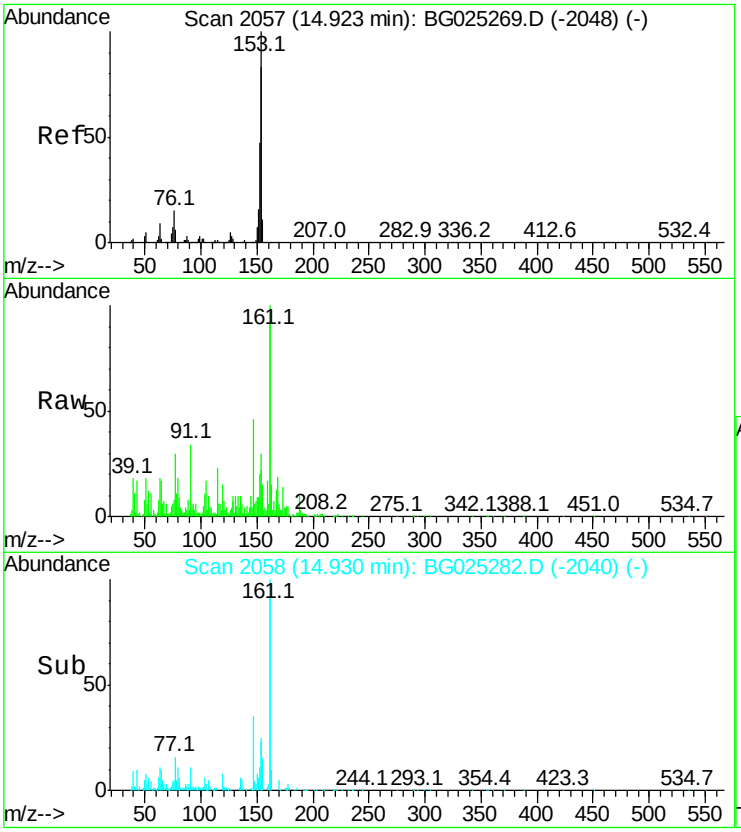


#44
Dimethylphthalate
Concen: 7.73 ng/ul
RT: 14.31 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:163 Resp: 117296

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.4	5.0#
164	10.3	9.0	13.4

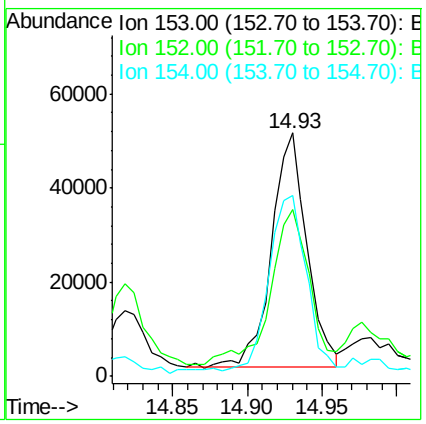




#49
Acenaphthene
Concen: 7.31 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:153 Resp: 82249

Ion	Ratio	Lower	Upper
153	100		
152	68.6	36.5	54.7#
154	74.2	72.3	108.5



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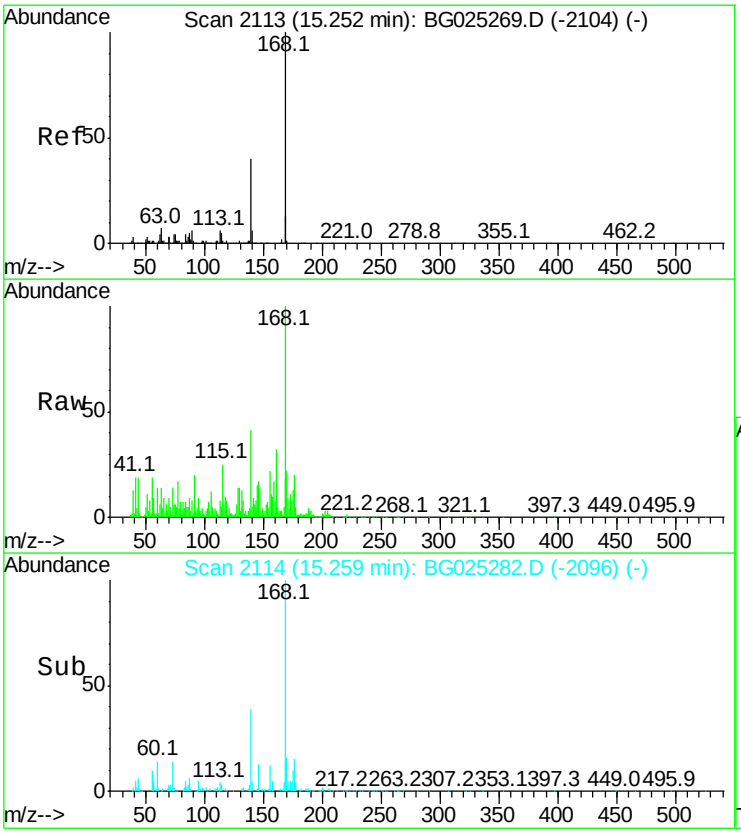
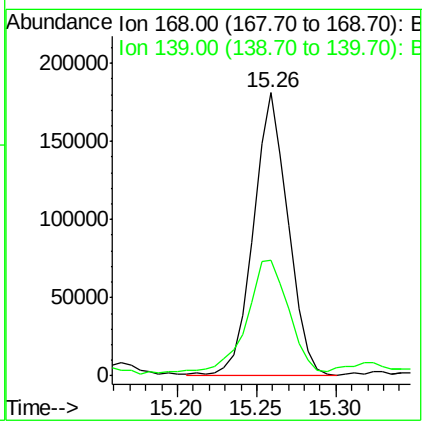
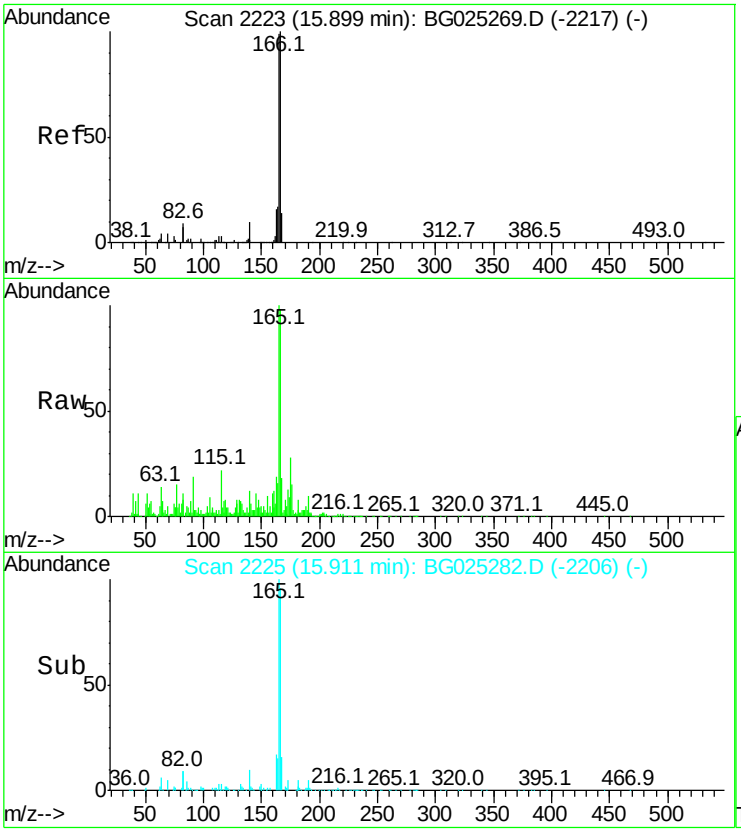


#53
Dibenzofuran
Concen: 15.26 ng/ul
RT: 15.26 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:168 Resp: 271693

Ion	Ratio	Lower	Upper
168	100		
139	40.9	33.8	50.8

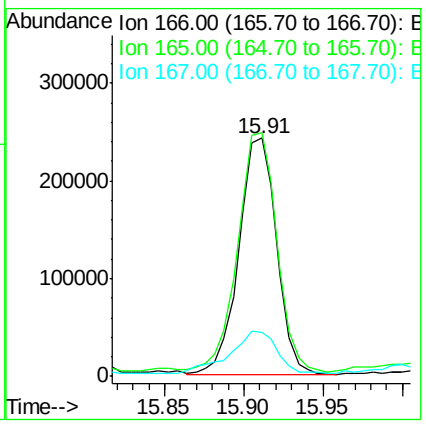




#58
Fluorene
Concen: 27.44 ng/ul
RT: 15.91 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:166 Resp: 397787

Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.7	119.5
167	18.4	11.4	17.2#



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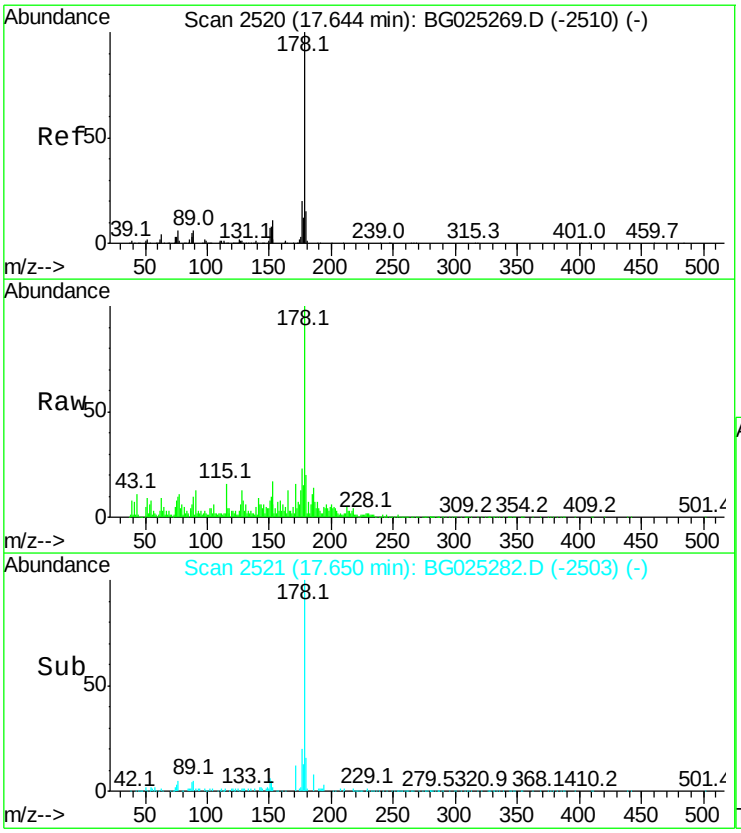
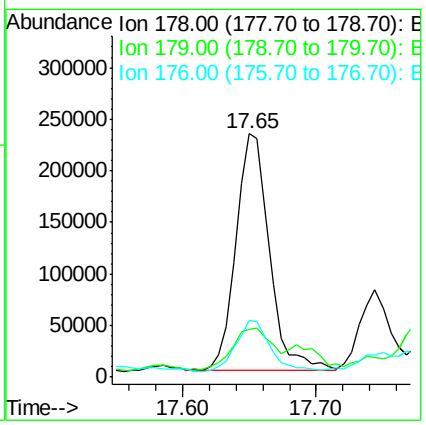
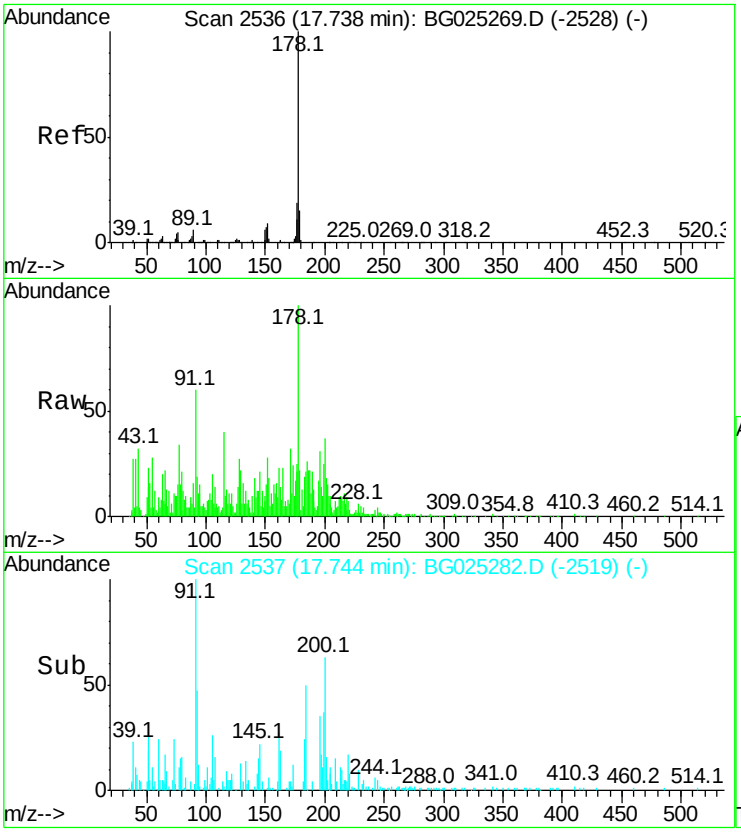


#69
Phenanthrene
Concen: 18.07 ng/ul
RT: 17.65 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:178 Resp: 394348

Ion	Ratio	Lower	Upper
178	100		
179	19.7	12.4	18.6#
176	23.5	16.5	24.7





#71
Anthracene
Concen: 5.19 ng/ul
RT: 17.74 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:178 Resp: 116406

Ion	Ratio	Lower	Upper
178	100		
179	22.3	12.6	19.0#
176	25.1	15.9	23.9#

Instrument :
BNA_G
ClientSampleId :
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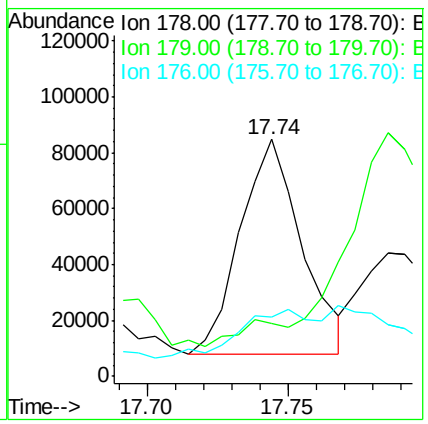
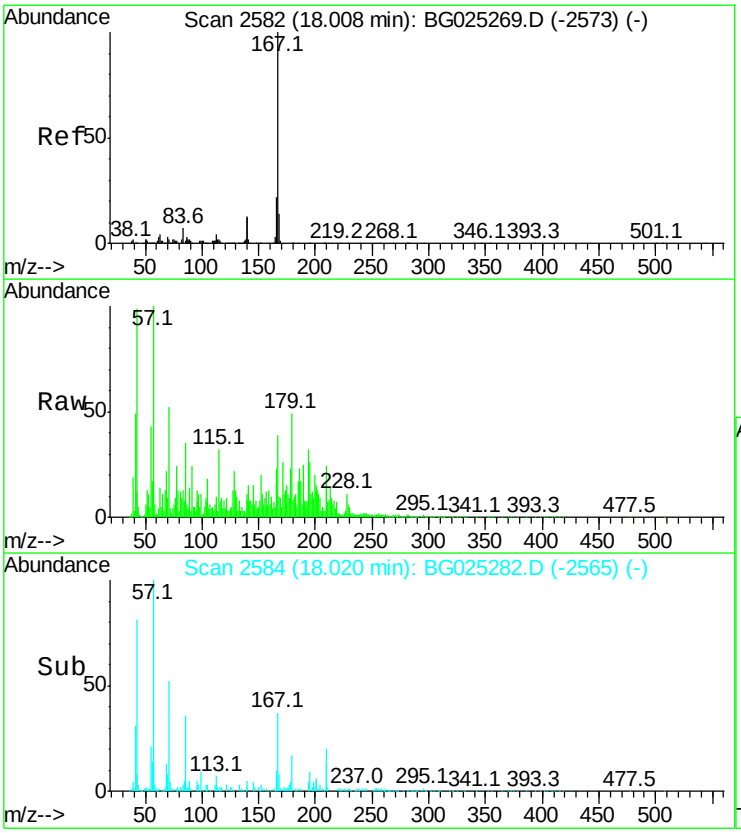
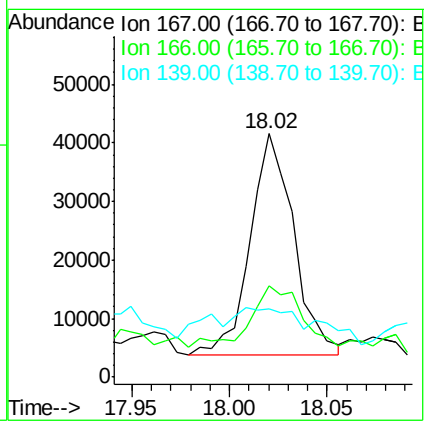


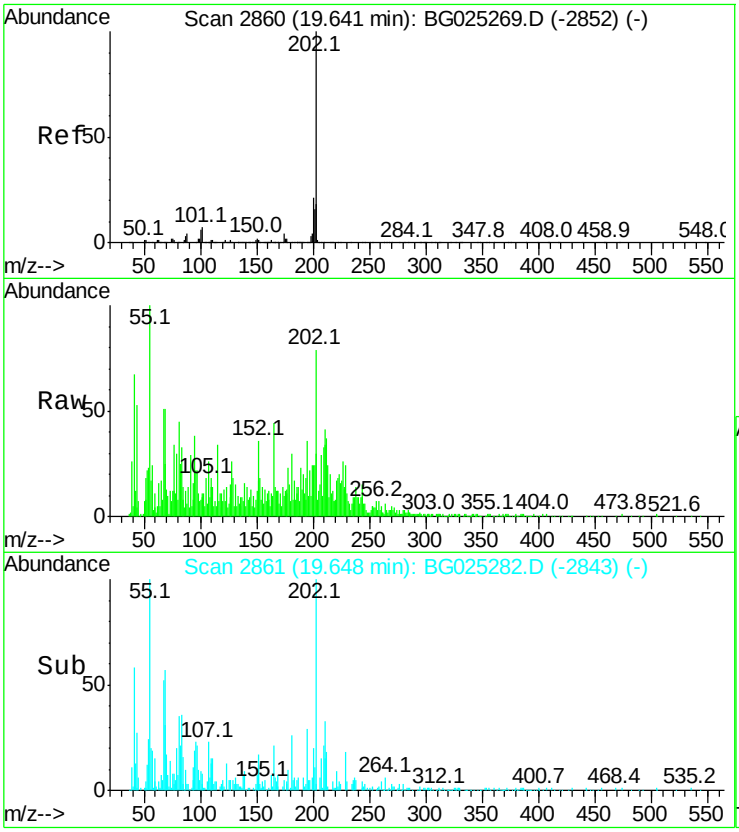


#72
Carbazole
Concen: 3.11 ng/ul
RT: 18.02 min Scan# 2584
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:167 Resp: 58320

Ion	Ratio	Lower	Upper
167	100		
166	37.3	17.9	26.9#
139	27.9	10.5	15.7#

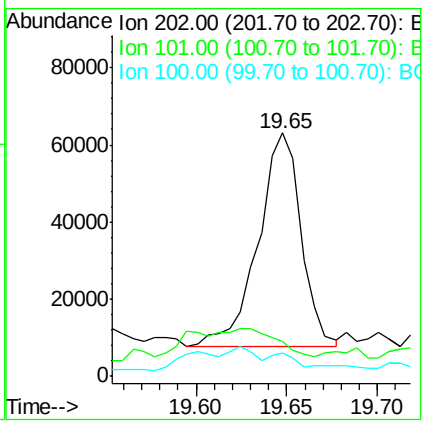




#74
Fluoranthene
Concen: 3.53 ng/ul
RT: 19.65 min Scan# 2861
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

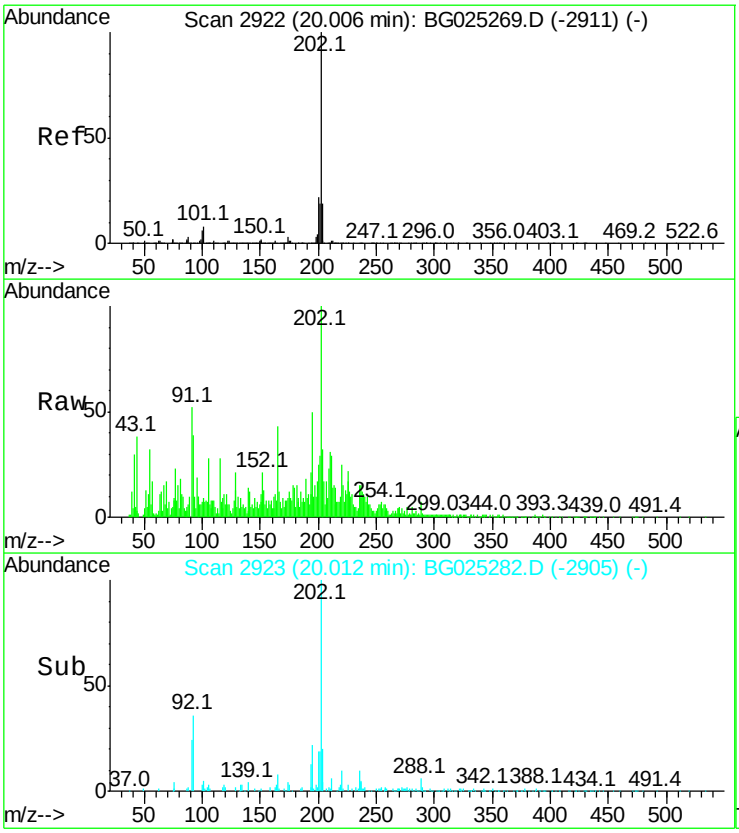
Tgt Ion:202 Resp: 91565

Ion	Ratio	Lower	Upper
202	100		
101	14.3	6.2	9.2#
100	9.5	5.2	7.8#



Instrument :
BNA_G
ClientSampleId :
DA8W3

Manual Integrations APPROVED
umangi
12/20/2016 10:54:20 AM



#77
Pyrene
Concen: 5.32 ng/ul
RT: 20.01 min Scan# 2923
Delta R.T. 0.01 min
Lab File: BG025282.D
Acq: 17 Dec 2016 20:08

Tgt Ion:202 Resp: 147667

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.9	10.3
100	6.7	6.6	10.0