Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 18 00:25:11 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	8.23	152	73626	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	287794	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	223994	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	459284	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	597948	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	614476	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	11014	7.73	ng/uL	-0.02
5) Phenol-d5	7.40	99	92068	14.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	57397	14.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	63782	14.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	76695	14.45	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	33832	16.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	38250	15.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	76170	15.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	117792	24.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	254420	16.51	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	296983	17.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.11	143	54130	20.44	ng/ul	0.02
57) Fluorene-d10	15.85	176	295629	20.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	63157	22.24	ng/ul	0.01
70) Anthracene-d10	17.70	188	360213	18.58	ng/ul	0.00
76) Pyrene-d10	19.98	212	435790	17.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	451744	18.14	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	7.35	77	11727	2.45	ng/ul#	1
6) Phenol	7.42	94	38003	5.83	ng/ul#	87
11) 2-Methylphenol	8.68	108	141415	29.46	ng/ul	91
14) Acetophenone	9.07	105	27860	3.45	ng/ul	86
16) 4-Methylphenol	9.02	108	383199	71.76	ng/ul	93
17) Hexachloroethane	9.34	117	18740	9.47	ng/ul#	1
24) 2,4-Dimethylphenol	10.22	107	558704	94.80	ng/ul	94
27) 2,4-Dichlorophenol	10.69	162	41209	8.69	ng/ul#	32
28) Naphthalene	11.12	128	501752	37.51	ng/ul	98
33) 4-Chloro-3-methylphenol	12.37	107	14280	2.44	ng/ul#	45
34) 2-Methylnaphthalene	12.70	142	555591	52.63	ng/ul	98
40) 1,1'-Biphenyl	13.69	154	127574	9.39	ng/ul	97
41) 2-Chloronaphthalene	13.77	162	18776	1.74	ng/ul#	75
44) Dimethylphthalate	14.31	163	72761	4.81	ng/ul#	96
47) Acenaphthylene	14.58	152	16625	1.01	ng/ul#	1
49) Acenaphthene	14.92	153	43917	3.91	ng/ul#	76
53) Dibenzofuran	15.25	168	139299	7.84	ng/ul	99
54) 2,4-Dinitrotoluene	15.25	165	8515	1.74	ng/ul#	1
58) Fluorene	15.91	166	195177	13.49	ng/ul#	96
64) N-Nitrosodiphenylamine	16.10	169	28199	2.39	ng/ul#	54
67) Atrazine	17.01	200	12769	2.27	ng/ul#	1
69) Phenanthrene	17.65	178	204284	9.32	ng/ul#	88
71) Anthracene	17.74	178	59691	2.65	ng/ul#	82

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 18 00:25:11 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)
72) Carbazole	18.01	167	35286	1.88	ng/ul#	80
74) Fluoranthene	19.65	202	47879	1.84	ng/ul#	85
77) Pyrene	20.01	202	75930	2.64	ng/ul#	91

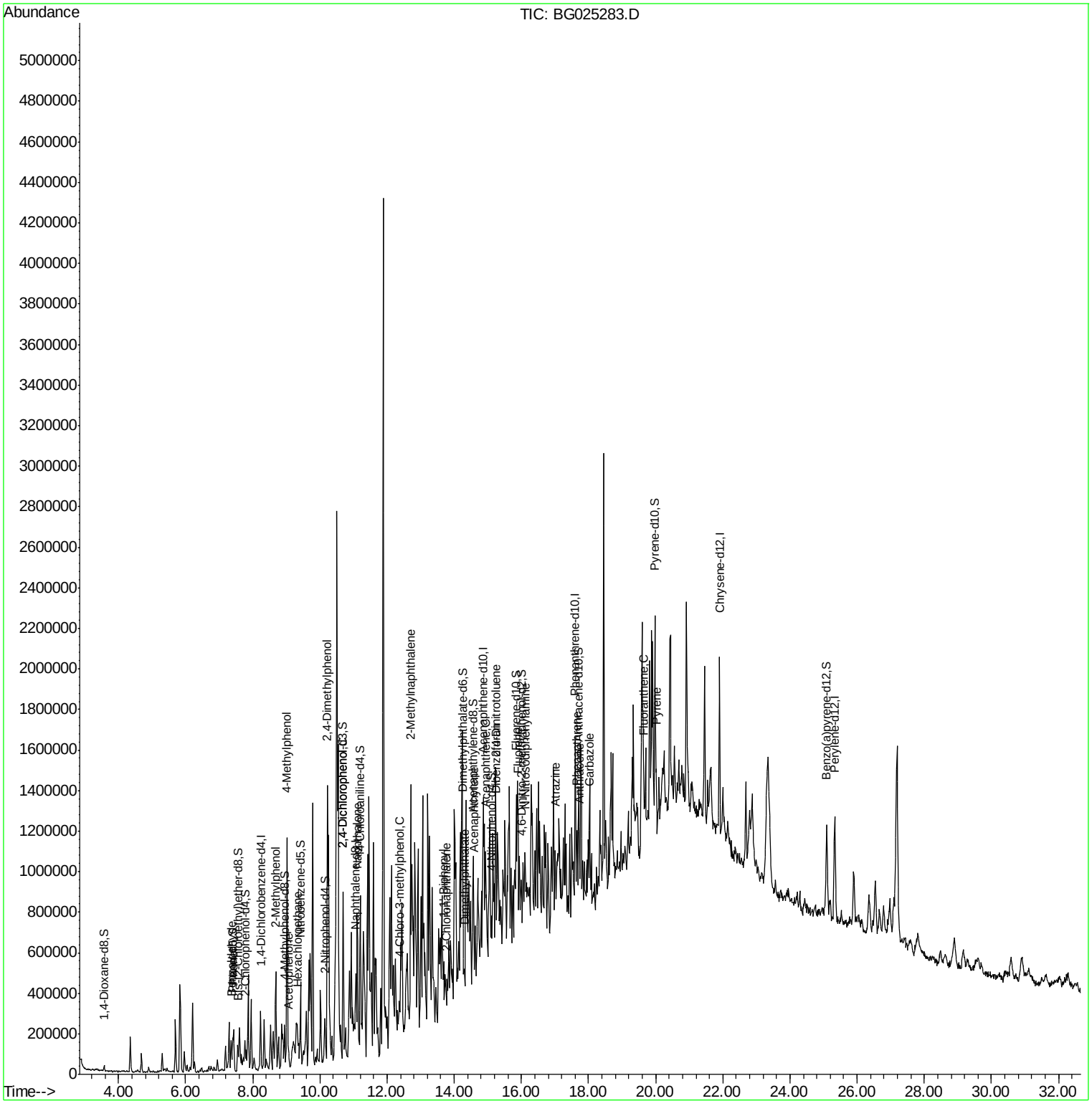
(#) = qualifier out of range (m) = manual integration (+) = signals summed

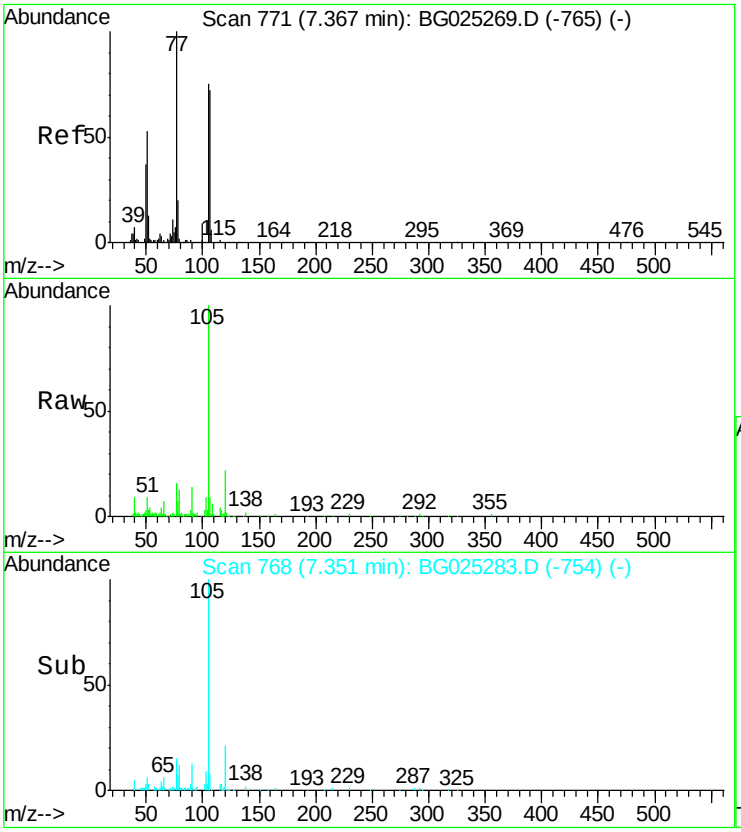
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 18 00:25:11 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



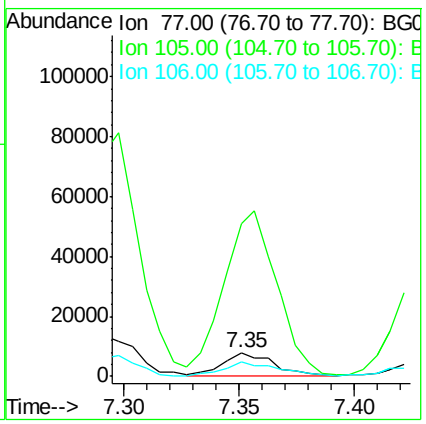


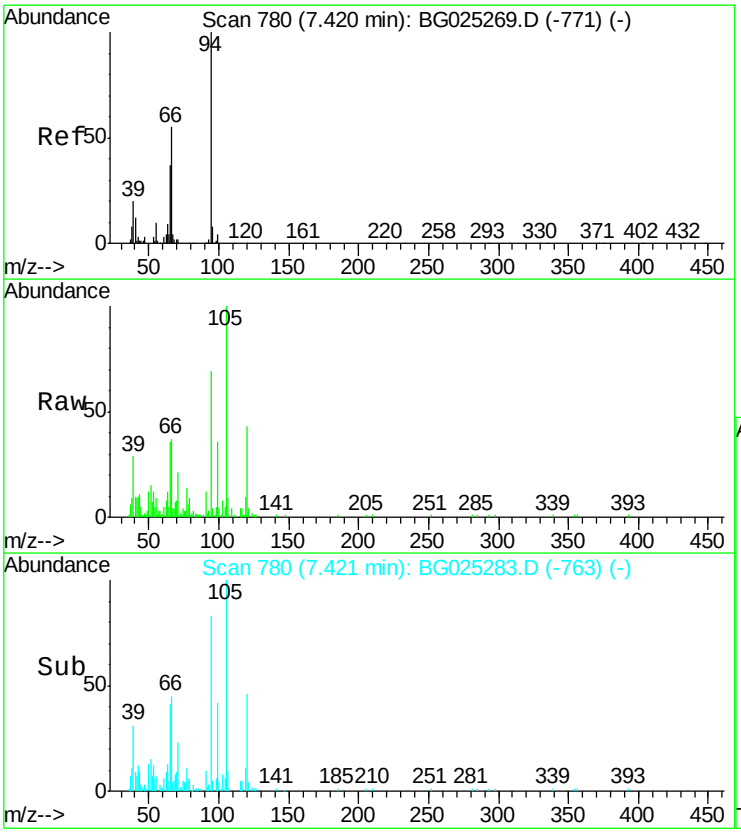
#4
Benzaldehyde
Concen: 2.45 ng/ul
RT: 7.35 min Scan# 768
Delta R.T. -0.02 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 11727

Ion	Ratio	Lower	Upper
77	100		
105	635.9	62.0	93.0#
106	57.8	60.2	90.4#

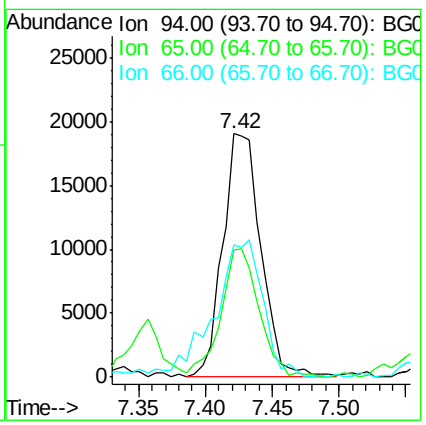


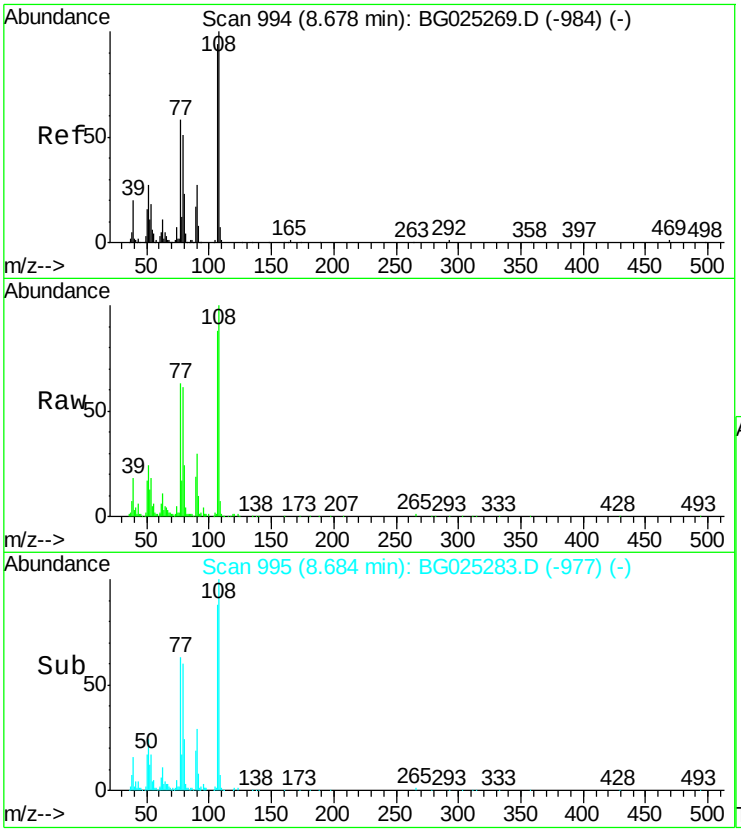


#6
Phenol
Concen: 5.83 ng/ul
RT: 7.42 min Scan# 780
Delta R.T. 0.00 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Tgt Ion: 94 Resp: 38003

Ion	Ratio	Lower	Upper
94	100		
65	52.2	26.8	40.2#
66	54.2	44.4	66.6



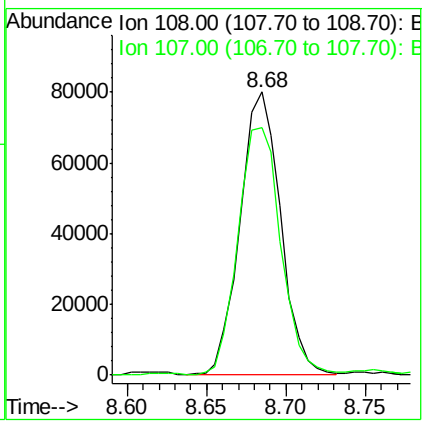


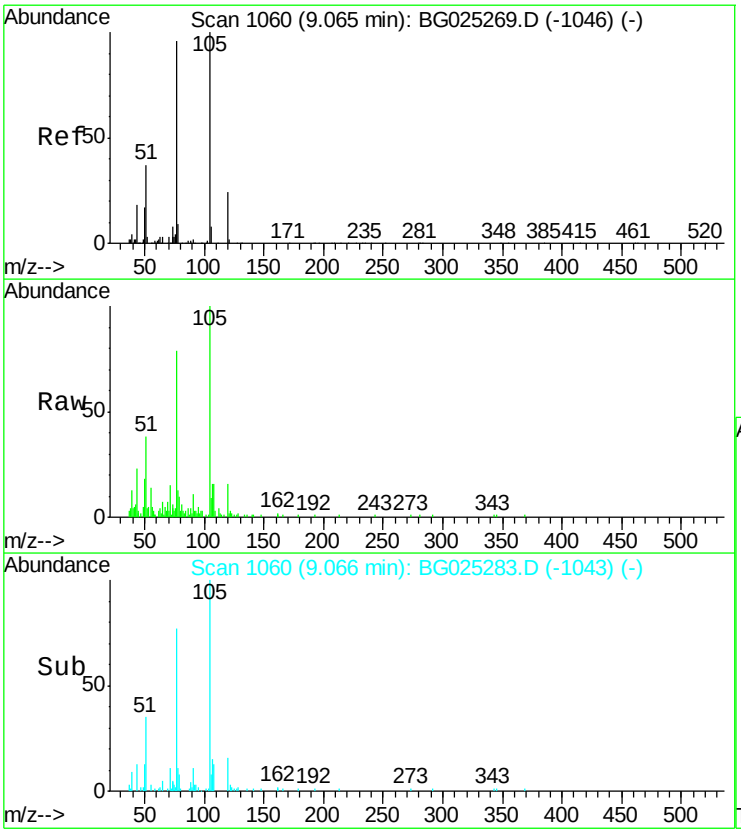
#11
2-Methylphenol
Concen: 29.46 ng/ul
RT: 8.68 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 141415

Ion	Ratio	Lower	Upper
108	100		
107	87.6	76.7	115.1

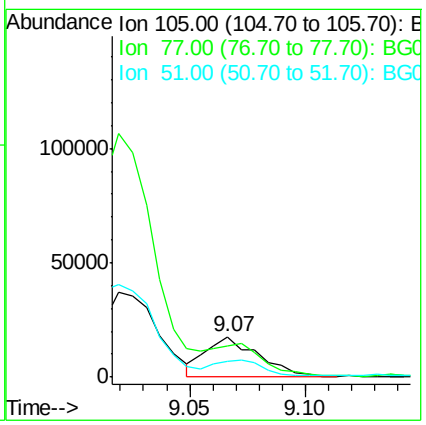


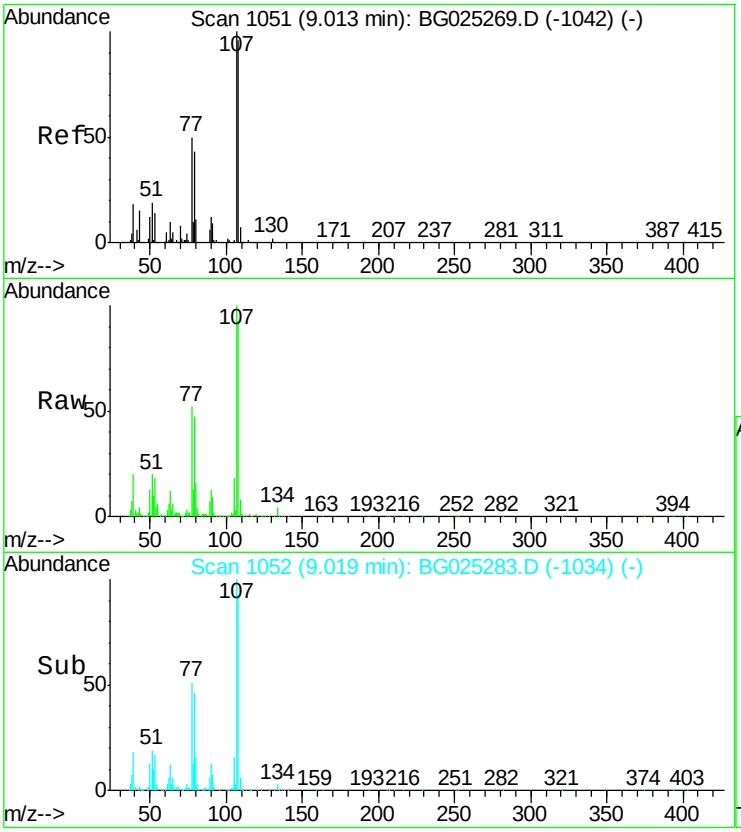


#14
Acetophenone
Concen: 3.45 ng/ul
RT: 9.07 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Tgt Ion:105 Resp: 27860

Ion	Ratio	Lower	Upper
105	100		
77	78.7	76.0	114.0
51	38.0	34.8	52.2



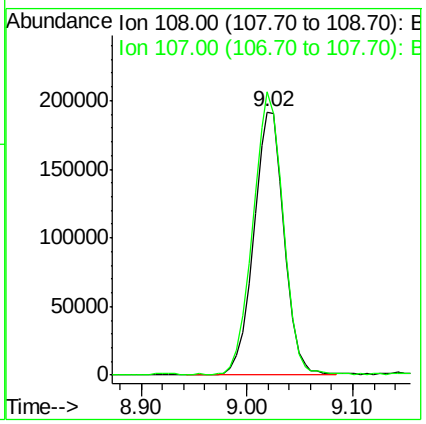


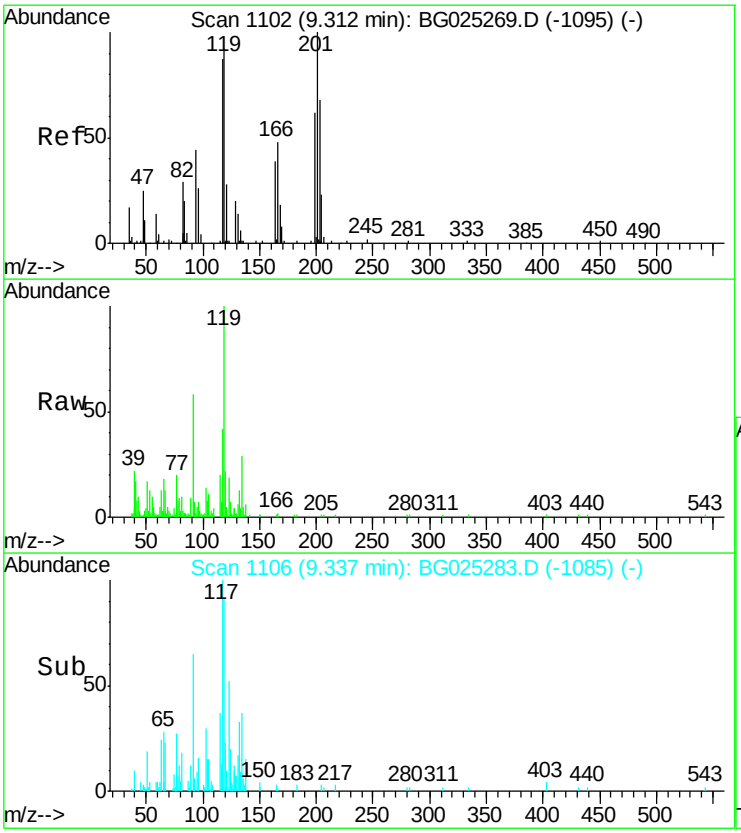
#16
4-Methylphenol
Concen: 71.76 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 383199

Ion	Ratio	Lower	Upper
108	100		
107	107.5	91.7	137.5

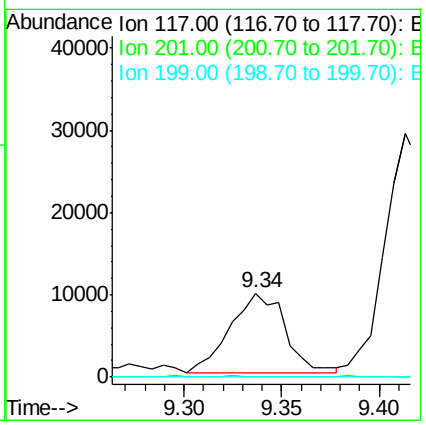


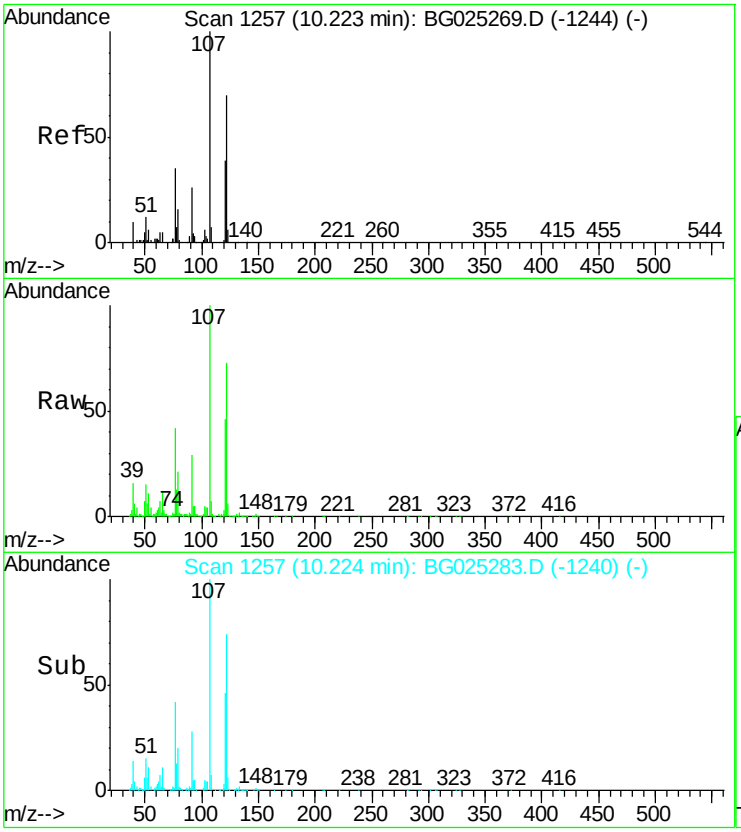


#17
Hexachloroethane
Concen: 9.47 ng/ul
RT: 9.34 min Scan# 1106
Delta R.T. 0.02 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Tgt Ion:117 Resp: 18740

Ion	Ratio	Lower	Upper
117	100		
201	0.0	91.9	137.9#
199	0.0	64.3	96.5#



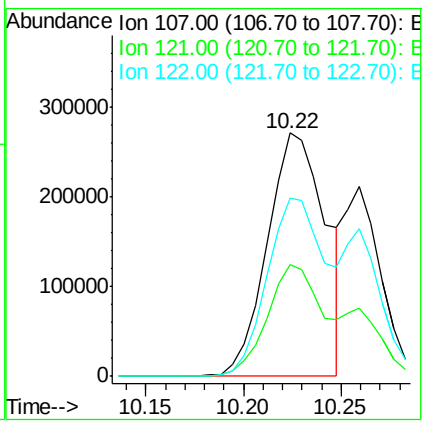


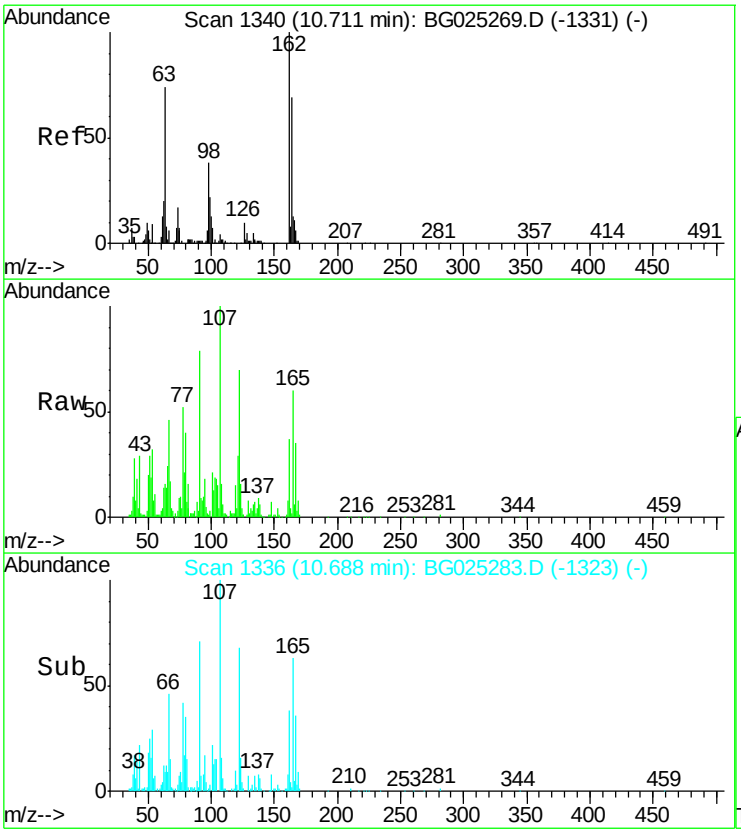
#24
2,4-Dimethylphenol
Concen: 94.80 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 558704

Ion	Ratio	Lower	Upper
107	100		
121	45.8	32.3	48.5
122	73.2	61.2	91.8

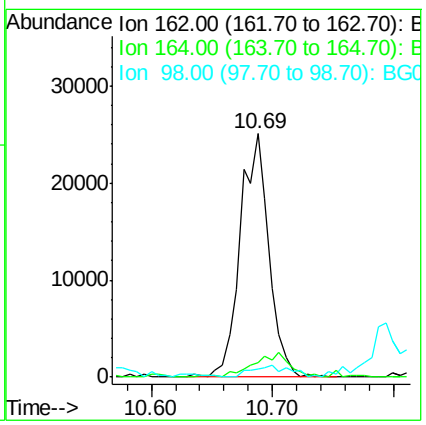


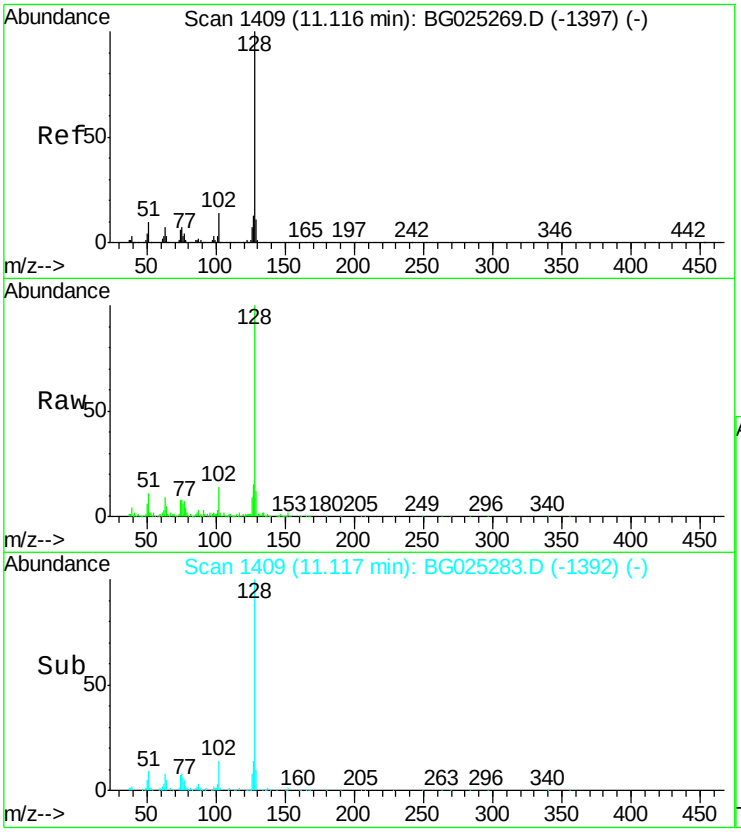


#27
2,4-Dichlorophenol
Concen: 8.69 ng/ul
RT: 10.69 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Tgt Ion:162 Resp: 41209

Ion	Ratio	Lower	Upper
162	100		
164	5.9	50.8	76.2#
98	3.4	32.1	48.1#



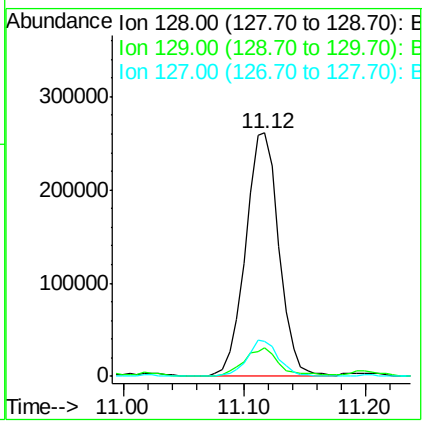


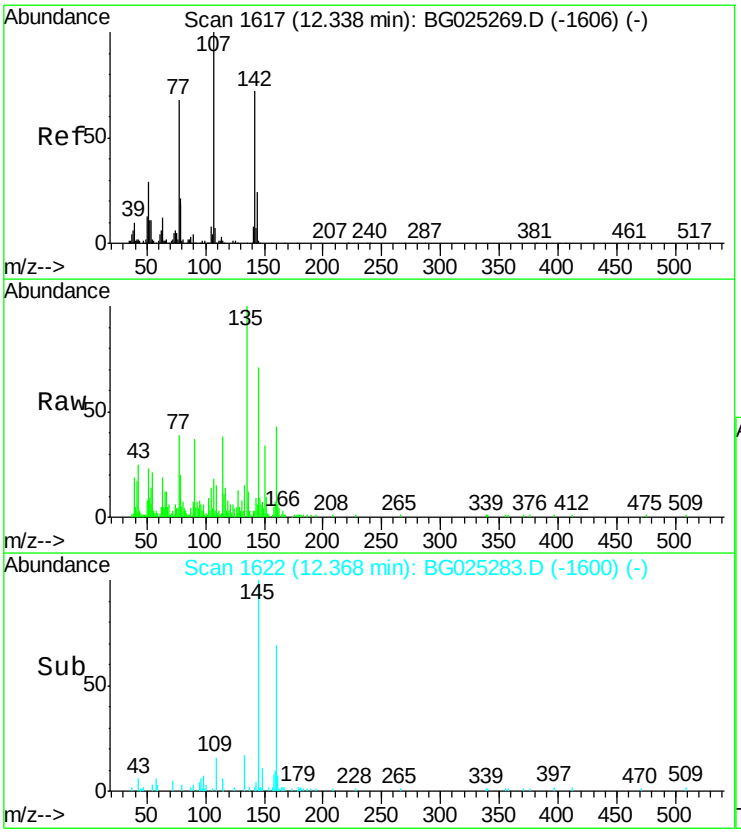
#28
Naphthalene
Concen: 37.51 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 501752

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

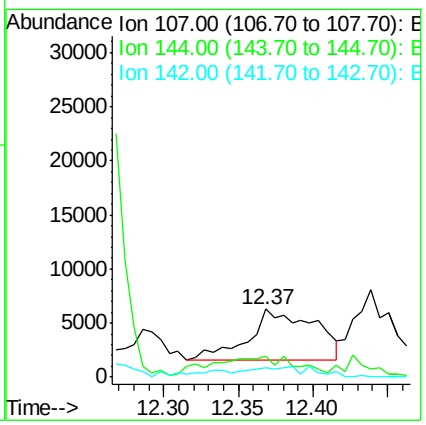


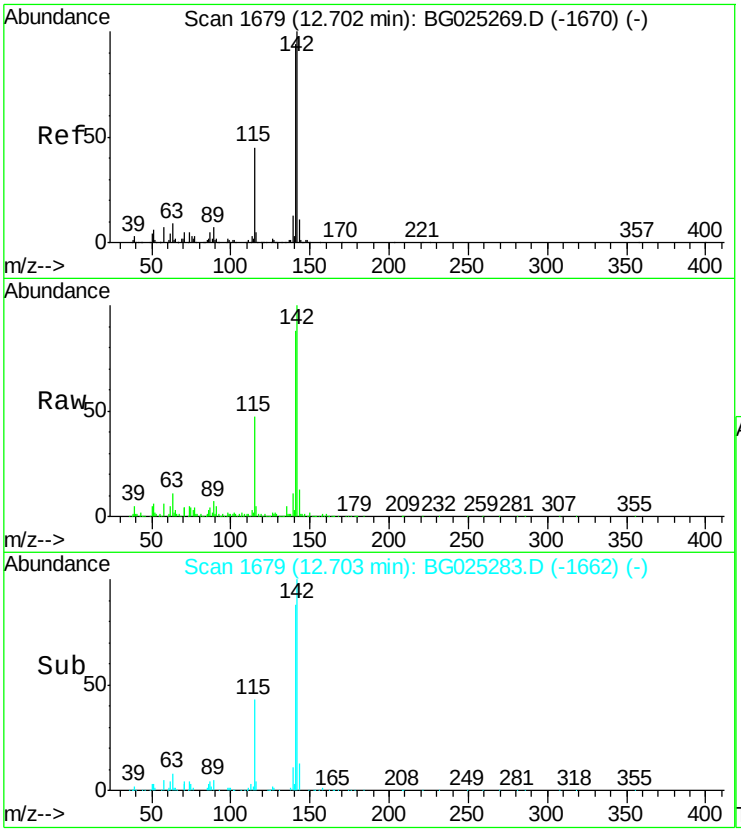


#33
4-Chloro-3-methylphenol
Concen: 2.44 ng/ul
RT: 12.37 min Scan# 1622
Delta R.T. 0.03 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Tgt Ion:107 Resp: 14280

Ion	Ratio	Lower	Upper
107	100		
144	30.4	18.2	27.4#
142	13.8	55.0	82.4#



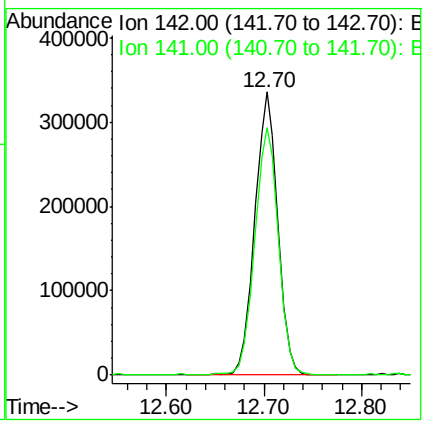


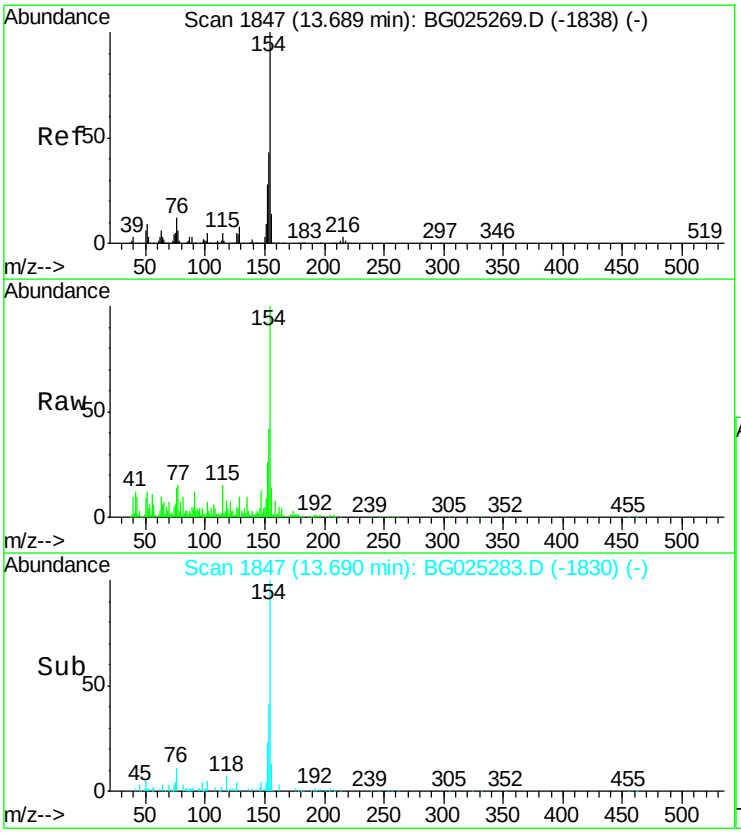
#34
2-Methylnaphthalene
Concen: 52.63 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 555591

Ion	Ratio	Lower	Upper
142	100		
141	87.6	68.6	102.8

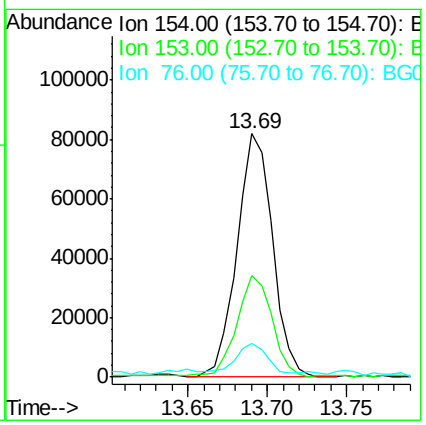


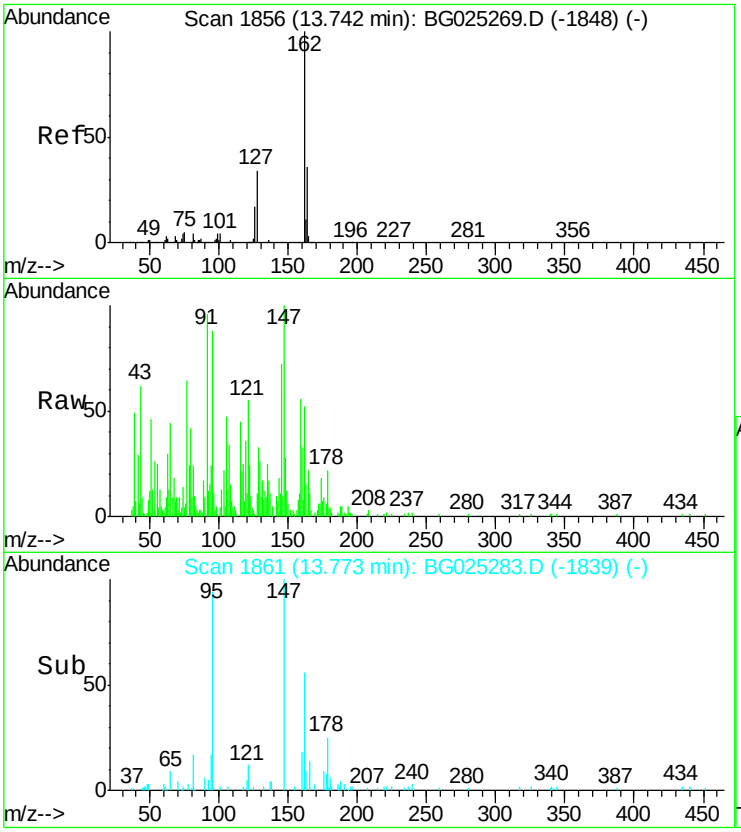


#40
1,1'-Biphenyl
Concen: 9.39 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Tgt Ion:154 Resp: 127574

Ion	Ratio	Lower	Upper
154	100		
153	41.8	32.2	48.2
76	13.8	9.6	14.4



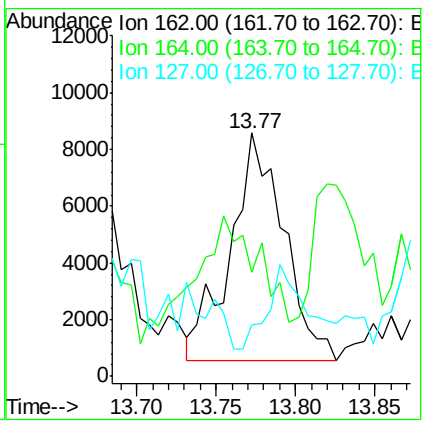


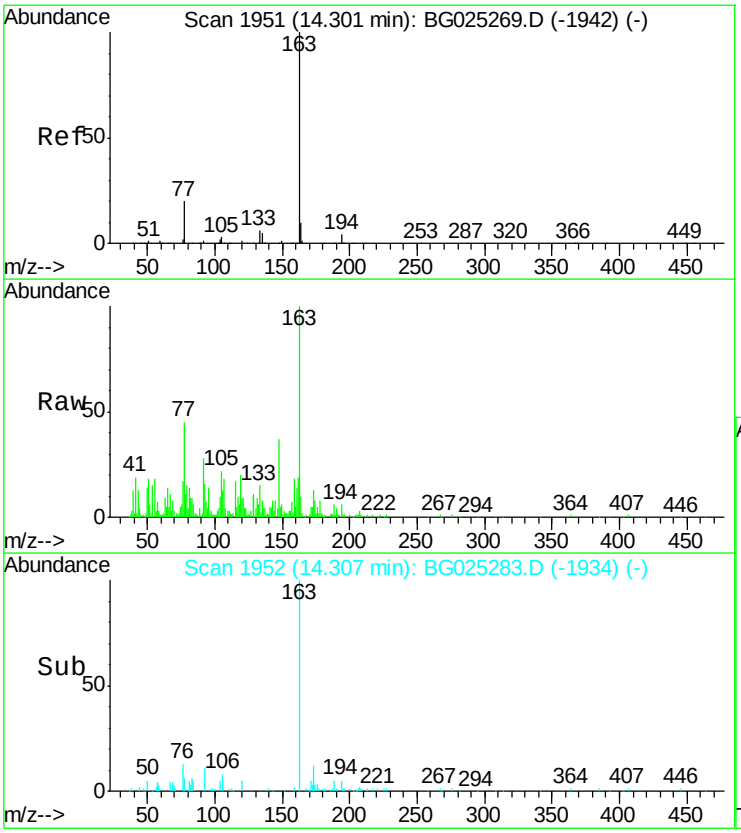
#41
2-Chloronaphthalene
Concen: 1.74 ng/ul
RT: 13.77 min Scan# 1861
Delta R.T. 0.03 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 18776

Ion	Ratio	Lower	Upper
162	100		
164	42.7	25.0	37.6#
127	21.0	30.7	46.1#

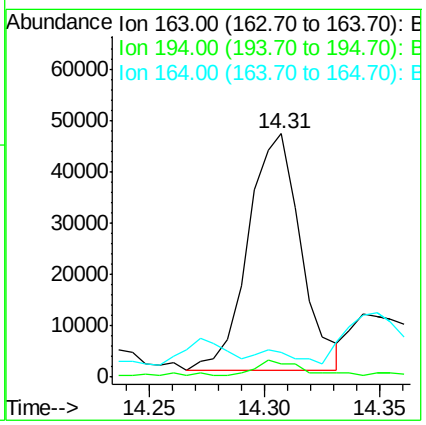


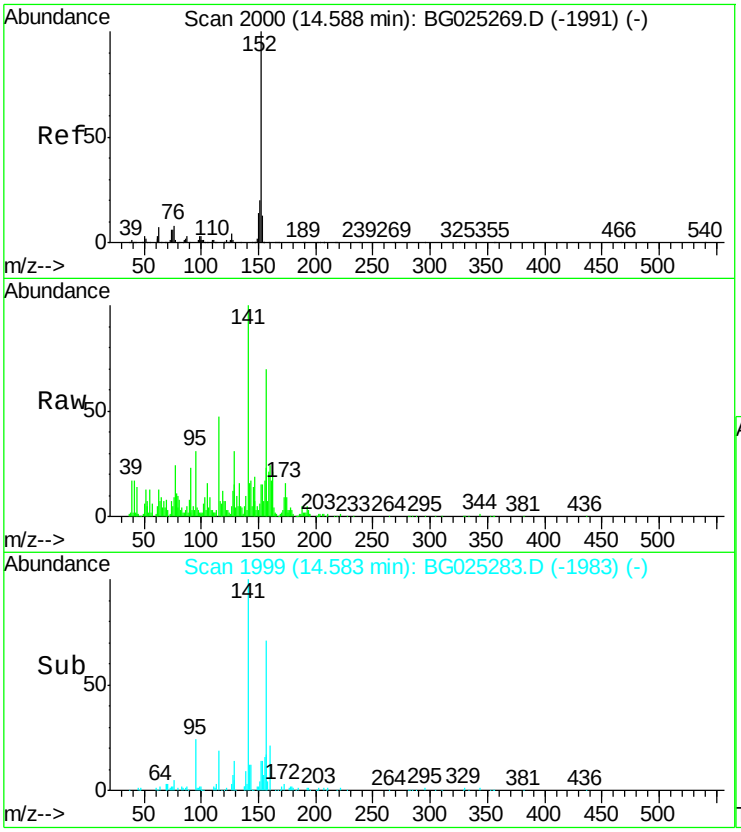


#44
Dimethylphthalate
Concen: 4.81 ng/ul
RT: 14.31 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Tgt Ion:163 Resp: 72761

Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.4	5.0#
164	10.0	9.0	13.4



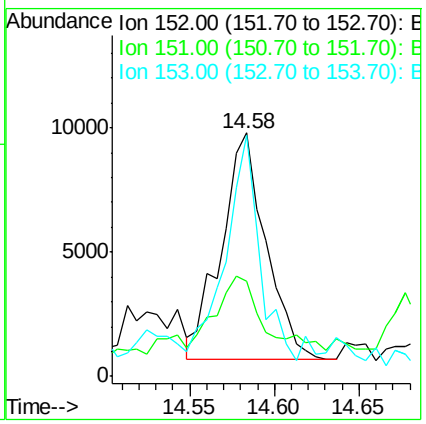


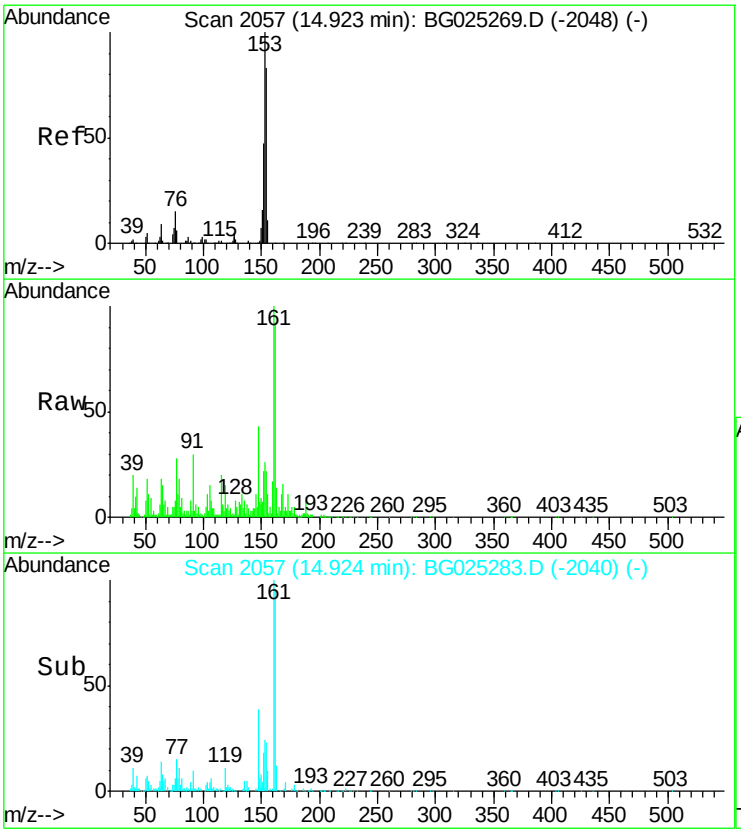
#47
Acenaphthylene
Concen: 1.01 ng/ul
RT: 14.58 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 16625

Ion	Ratio	Lower	Upper
152	100		
151	39.1	16.7	25.1#
153	99.0	11.4	17.2#

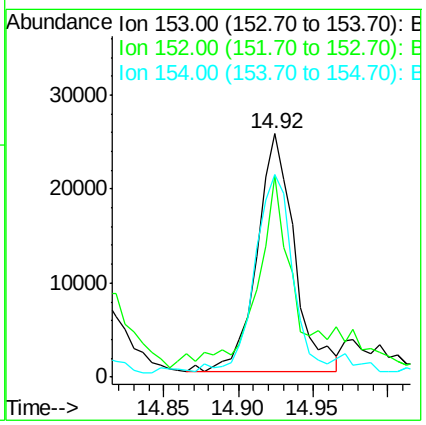


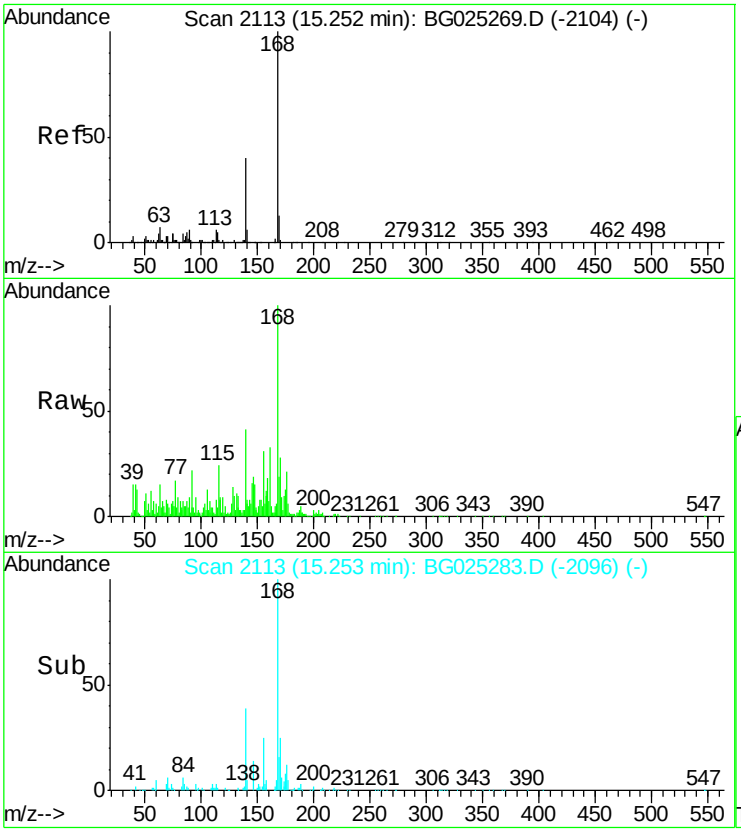


#49
Acenaphthene
Concen: 3.91 ng/ul
RT: 14.92 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Tgt Ion:153 Resp: 43917

Ion	Ratio	Lower	Upper
153	100		
152	82.8	36.5	54.7#
154	83.2	72.3	108.5



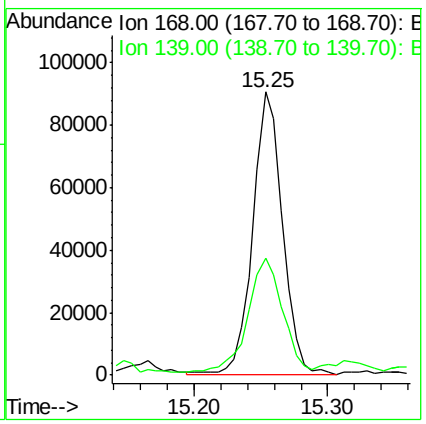


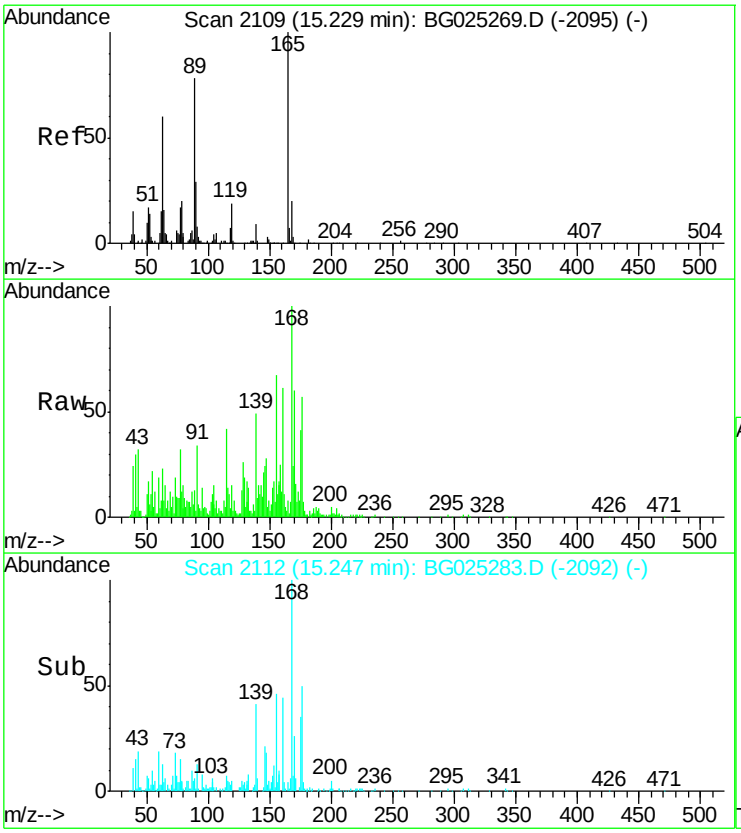
#53
Dibenzofuran
Concen: 7.84 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 139299

Ion	Ratio	Lower	Upper
168	100		
139	41.4	33.8	50.8

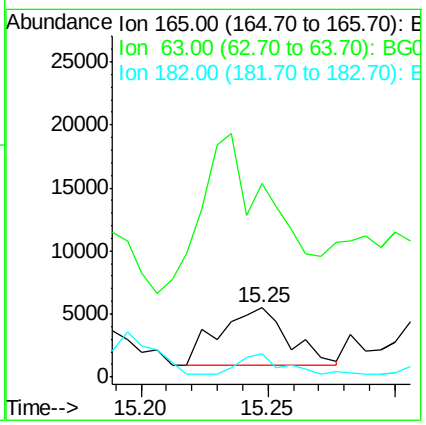


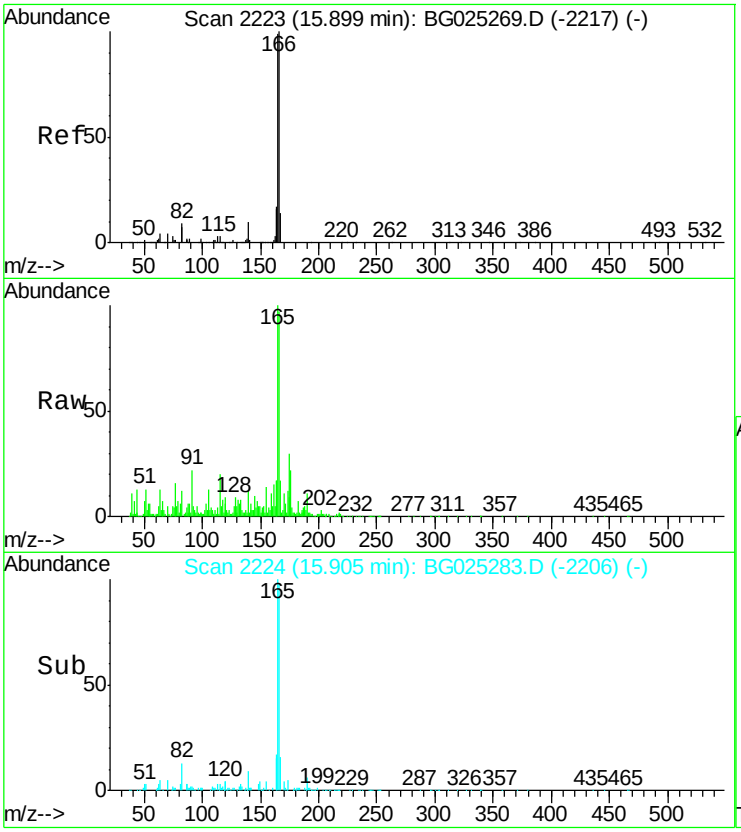


#54
2,4-Dinitrotoluene
Concen: 1.74 ng/ul
RT: 15.25 min Scan# 2112
Delta R.T. 0.02 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Tgt Ion:165 Resp: 8515

Ion	Ratio	Lower	Upper
165	100		
63	280.1	46.8	70.2#
182	34.4	1.8	2.6#



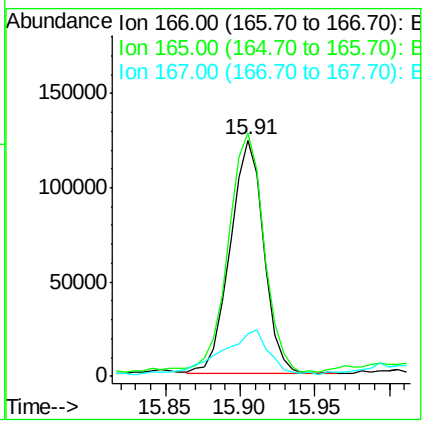


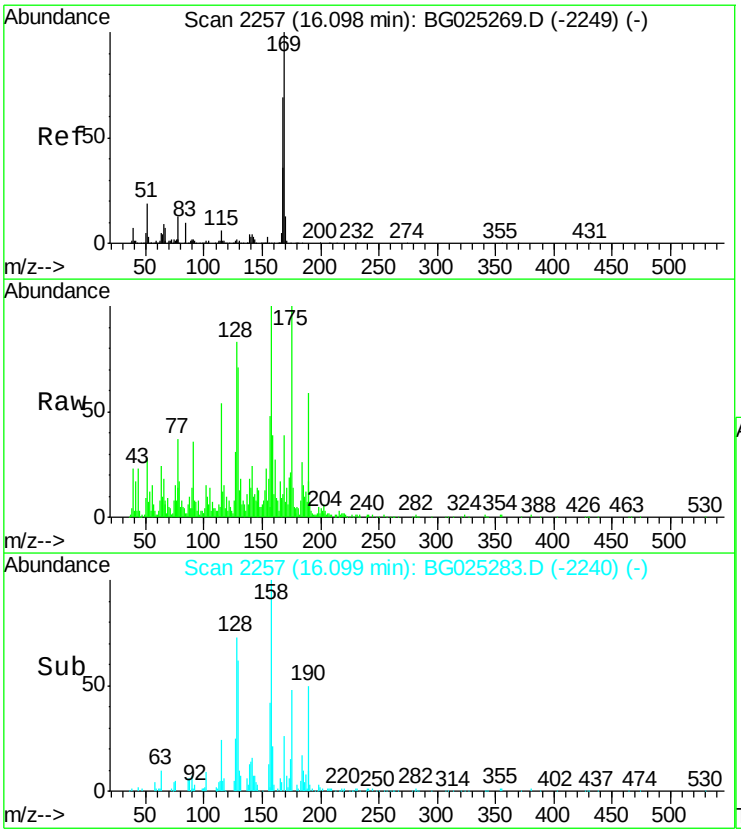
#58
Fluorene
Concen: 13.49 ng/ul
RT: 15.91 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 195177

Ion	Ratio	Lower	Upper
166	100		
165	103.1	79.7	119.5
167	17.8	11.4	17.2#

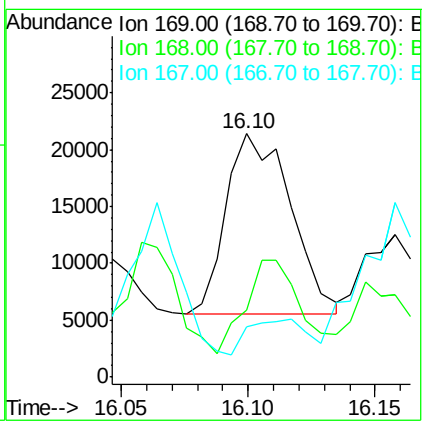


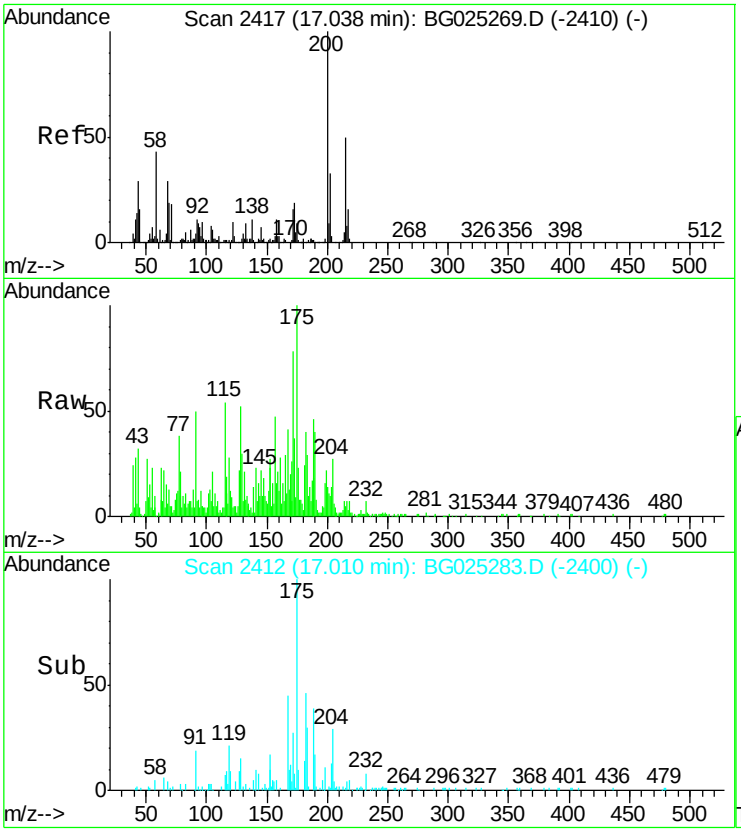


#64
N-Nitrosodiphenylamine
Concen: 2.39 ng/ul
RT: 16.10 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Tgt Ion:169 Resp: 28199

Ion	Ratio	Lower	Upper
169	100		
168	27.3	59.1	88.7#
167	20.8	29.7	44.5#



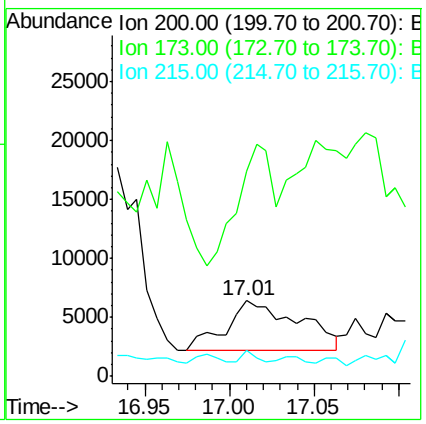


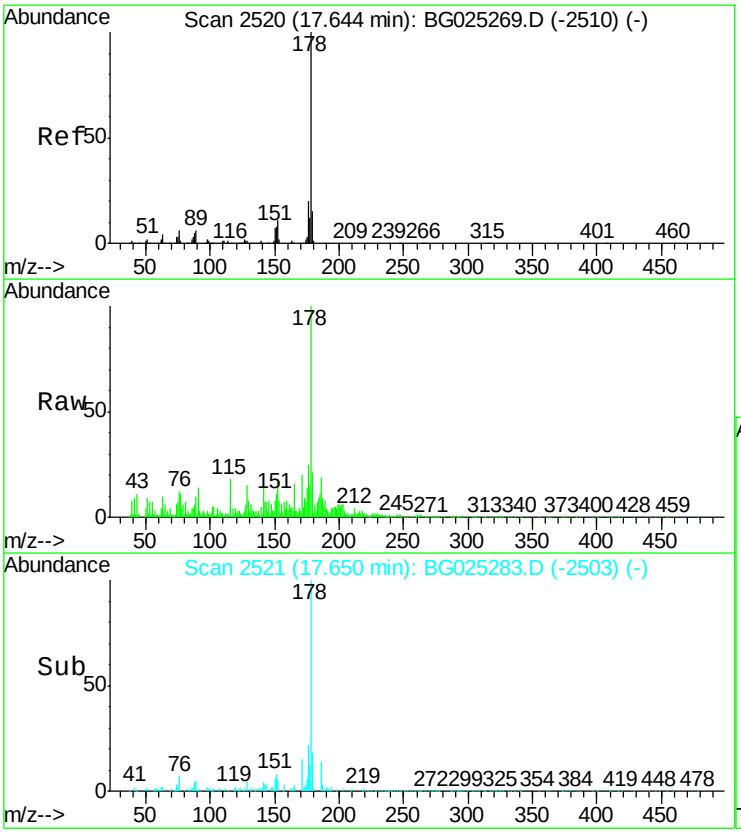
#67
Atrazine
Concen: 2.27 ng/ul
RT: 17.01 min Scan# 2412
Delta R.T. -0.03 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:200 Resp: 12769

Ion	Ratio	Lower	Upper
200	100		
173	271.4	19.2	28.8#
215	34.3	40.3	60.5#

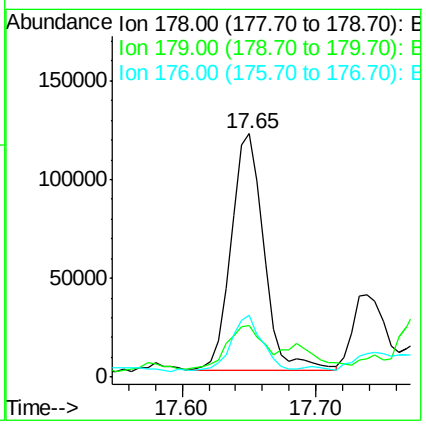


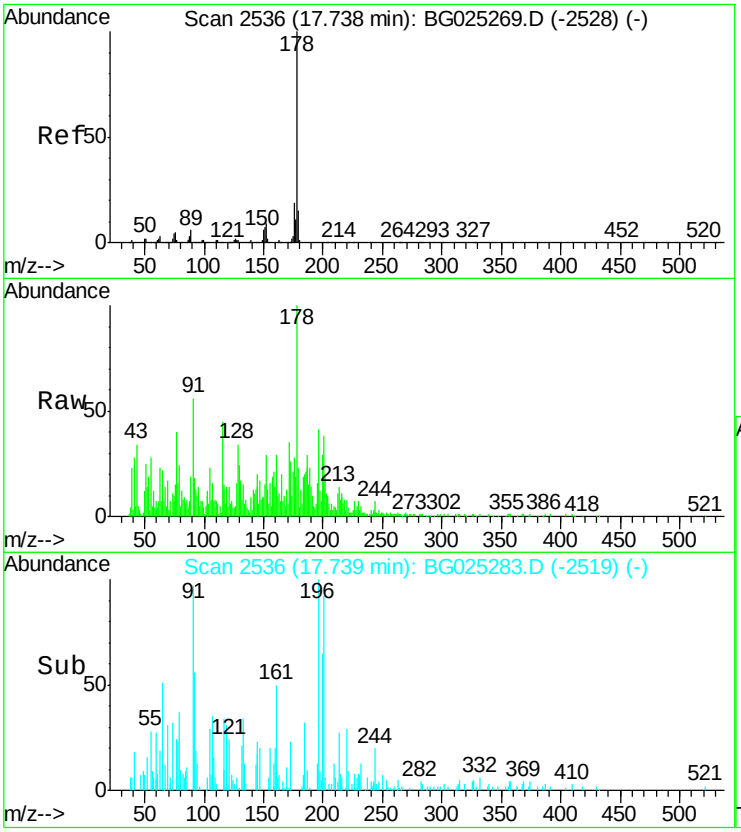


#69
Phenanthrene
Concen: 9.32 ng/ul
RT: 17.65 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Tgt Ion:178 Resp: 204284

Ion	Ratio	Lower	Upper
178	100		
179	21.0	12.4	18.6#
176	25.5	16.5	24.7#



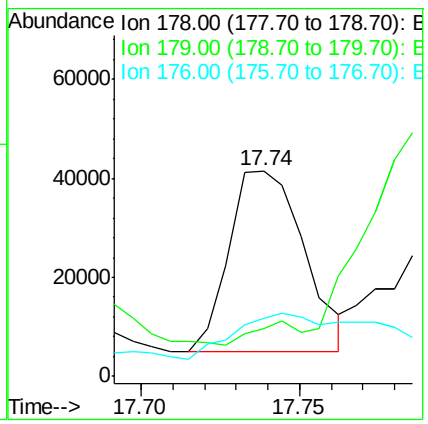


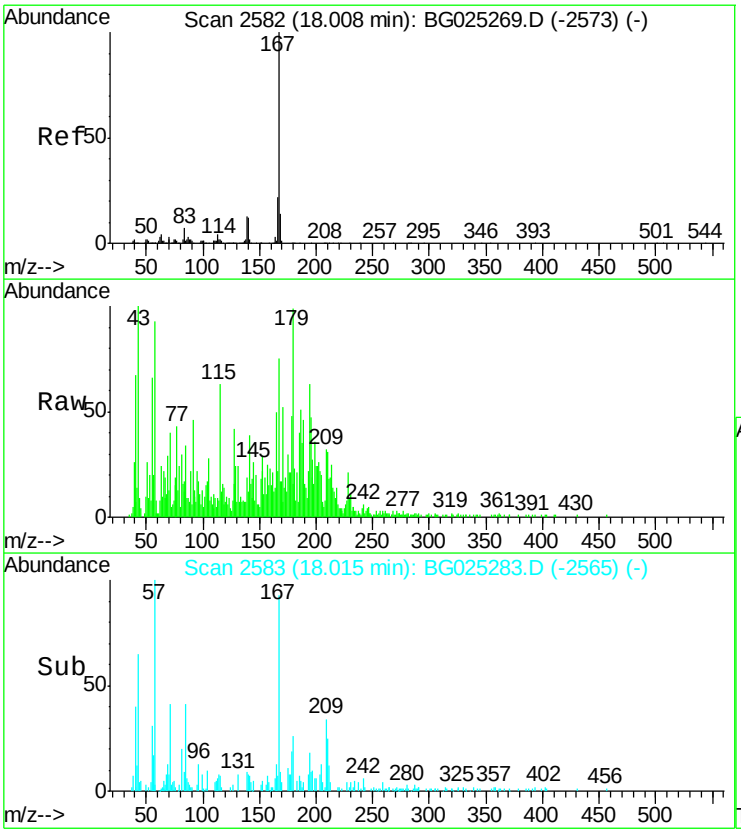
#71
Anthracene
Concen: 2.65 ng/ul
RT: 17.74 min Scan# 2536
Delta R.T. 0.00 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 59691

Ion	Ratio	Lower	Upper
178	100		
179	23.1	12.6	19.0#
176	28.4	15.9	23.9#

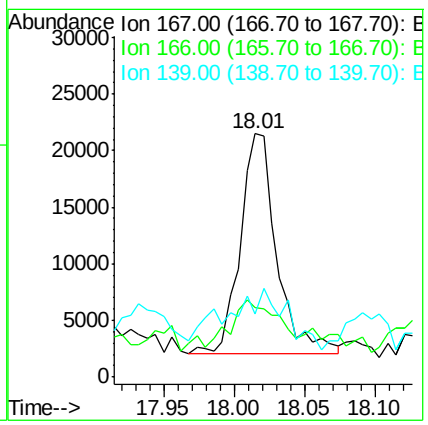


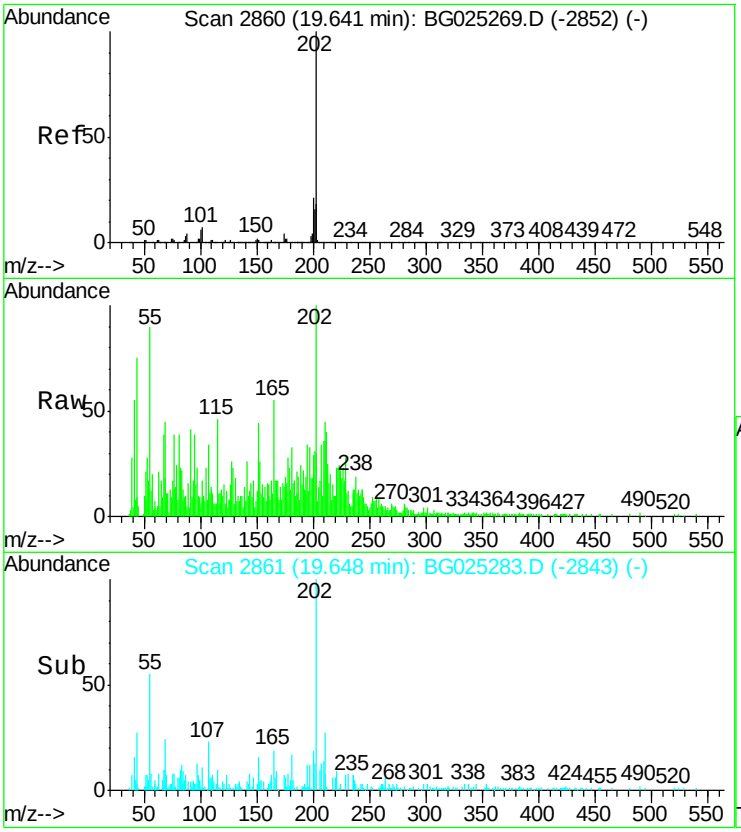


#72
Carbazole
Concen: 1.88 ng/ul
RT: 18.01 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Tgt Ion:167 Resp: 35286

Ion	Ratio	Lower	Upper
167	100		
166	28.8	17.9	26.9#
139	25.7	10.5	15.7#



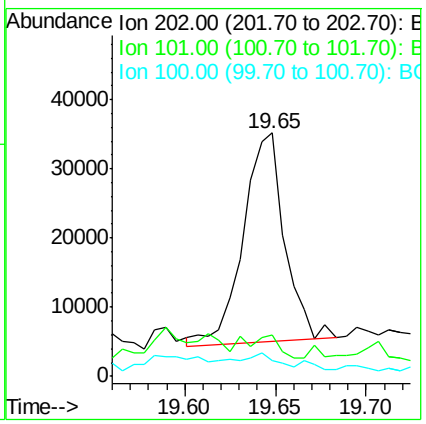


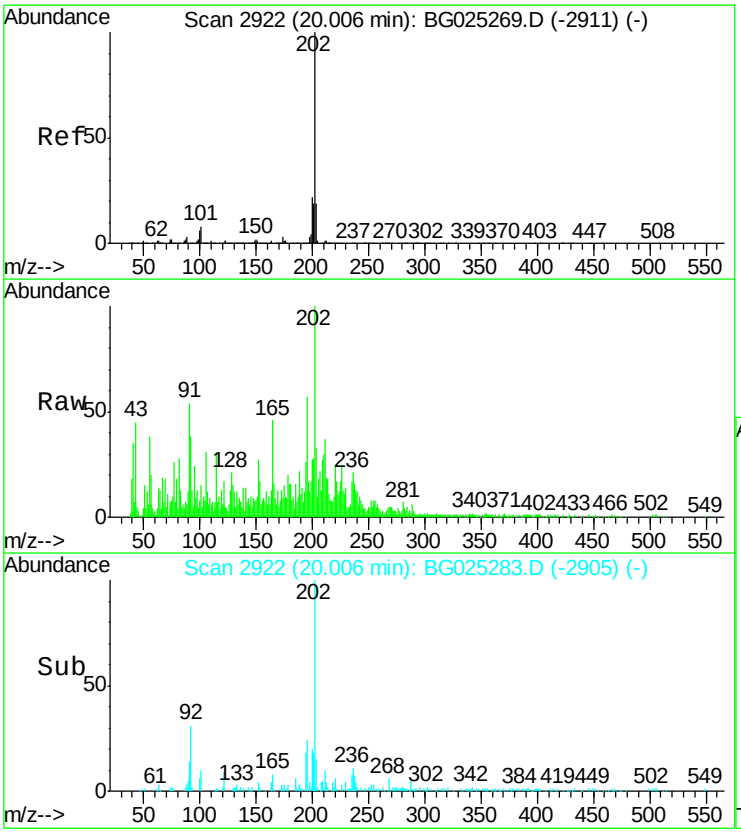
#74
Fluoranthene
Concen: 1.84 ng/ul
RT: 19.65 min Scan# 2861
Delta R.T. 0.01 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 47879

Ion	Ratio	Lower	Upper
202	100		
101	16.9	6.2	9.2#
100	6.3	5.2	7.8





#77
Pyrene
Concen: 2.64 ng/ul
RT: 20.01 min Scan# 2922
Delta R.T. 0.00 min
Lab File: BG025283.D
Acq: 17 Dec 2016 20:48

Tgt Ion:202 Resp: 75930

Ion	Ratio	Lower	Upper
202	100		
101	14.5	6.9	10.3#
100	8.1	6.6	10.0