Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025228.D
Acq On : 16 Dec 2016 1:50
Operator : UM/SJ
Sample : H5995-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 16 06:00:01 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	78823	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	322791	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.87	164	286072	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.63	188	498804	20.00	ng/ul	0.03
75) Chrysene-d12	21.91	240	614863	20.00	ng/ul	0.02
83) Perylene-d12	25.35	264	602648	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	8576	5.62	ng/uL	0.00
5) Phenol-d5	7.39	99	97386	14.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	71702	17.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	72155	15.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	83929	14.77	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	46423	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	44443	15.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	81982	14.96	ng/ul	0.01
29) 4-Chloroaniline-d4	11.21	131	49951	9.27	ng/ul	0.01
43) Dimethylphthalate-d6	14.27	166	295642	15.02	ng/ul	0.02
46) Acenaphthylene-d8	14.57	160	355040	16.47	ng/ul	0.02
51) 4-Nitrophenol-d4	15.08	143	51913	15.35	ng/ul	0.02
57) Fluorene-d10	15.87	176	647042	34.93	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	16.02	200	92789	30.09	ng/ul	0.05
70) Anthracene-d10	17.72	188	425633	20.22	ng/ul	0.03
76) Pyrene-d10	19.99	212	449928	17.77	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.11	264	411195	16.84	ng/ul	0.04
Target Compounds						Qvalue
4) Benzaldehyde	7.36	77	26643	5.20	ng/ul#	1
6) Phenol	7.42	94	290864	41.67	ng/ul	96
11) 2-Methylphenol	8.68	108	348640	67.84	ng/ul	91
14) Acetophenone	9.07	105	24028	2.78	ng/ul#	84
16) 4-Methylphenol	9.02	108	910087	159.18	ng/ul	93
17) Hexachloroethane	9.34	117	96827	45.72	ng/ul#	1
21) Isophorone	9.96	82	66434	5.00	ng/ul#	1
24) 2,4-Dimethylphenol	10.23	107	1527703	231.11	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.50	93	84449	12.47	ng/ul#	1
27) 2,4-Dichlorophenol	10.69	162	49379	9.28	ng/ul#	41
28) Naphthalene	11.12	128	1434072	95.57	ng/ul	95
32) Caprolactam	12.04	113	132344	59.89	ng/ul#	14
33) 4-Chloro-3-methylphenol	12.35	107	8256	1.26	ng/ul#	43
34) 2-Methylnaphthalene	12.72	142	2963542	250.27	ng/ul	92
38) 2,4,6-Trichlorophenol	13.30	196	6226	1.15	ng/ul#	25
40) 1,1'-Biphenyl	13.70	154	561327	32.36	ng/ul	97
41) 2-Chloronaphthalene	13.79	162	63737	4.62	ng/ul#	58
42) 2-Nitroaniline	13.97	65	9041	1.67	ng/ul#	15
44) Dimethylphthalate	14.32	163	54248	2.81	ng/ul#	61
45) 2,6-Dinitrotoluene	14.47	165	22705	5.46	ng/ul#	1
47) Acenaphthylene	14.60	152	152641	7.28	ng/ul#	1
48) 3-Nitroaniline	14.83	138	12733	3.54	ng/ul#	45
49) Acenaphthene	14.94	153	409568	28.53	ng/ul#	75

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Acq On : 16 Dec 2016 1:50
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Sample : H5995-15
Misc :
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Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 16 06:00:01 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
52) 4-Nitrophenol	15.08	109	44705	10.99 ng/ul#	65
53) Dibenzofuran	15.27	168	759461	33.45 ng/ul#	75
54) 2,4-Dinitrotoluene	15.27	165	136796	21.84 ng/ul#	34
56) Diethylphthalate	15.65	149	40554	1.98 ng/ul#	1
58) Fluorene	15.92	166	1162720	62.90 ng/ul#	96
59) 4-Chlorophenyl-phenylether	15.88	204	10418	1.00 ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	16.04	198	24754	7.75 ng/ul#	1
64) N-Nitrosodiphenylamine	16.12	169	654897	51.03 ng/ul#	39
67) Atrazine	17.08	200	9699	1.59 ng/ul#	1
69) Phenanthrene	17.67	178	2164274	90.91 ng/ul#	88
71) Anthracene	17.76	178	259591	10.61 ng/ul#	73
72) Carbazole	18.03	167	132595	6.49 ng/ul#	38
74) Fluoranthene	19.66	202	373190	13.19 ng/ul#	94
77) Pyrene	20.02	202	555127	18.78 ng/ul#	96
80) Benzo(a)anthracene	21.89	228	143964	4.51 ng/ul#	45
82) Chrysene	21.96	228	152245	5.10 ng/ul#	51
85) Benzo(b)fluoranthene	24.25	252	110350	3.69 ng/ul#	47
88) Benzo(a)pyrene	25.18	252	86297	3.00 ng/ul#	56

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
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Acq On : 16 Dec 2016 1:50
Operator : UM/SJ
Sample : H5995-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 16 06:00:01 2016
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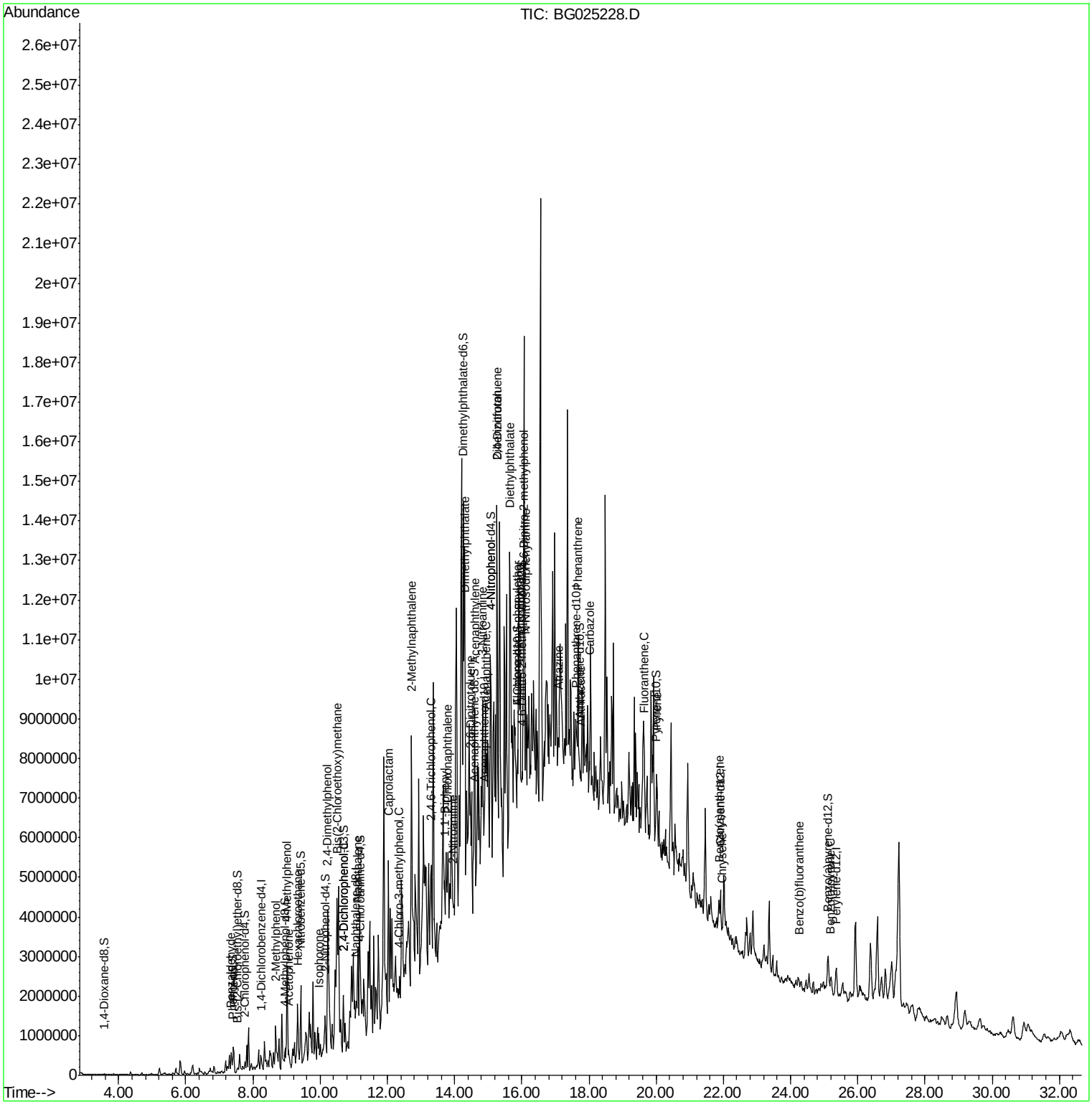
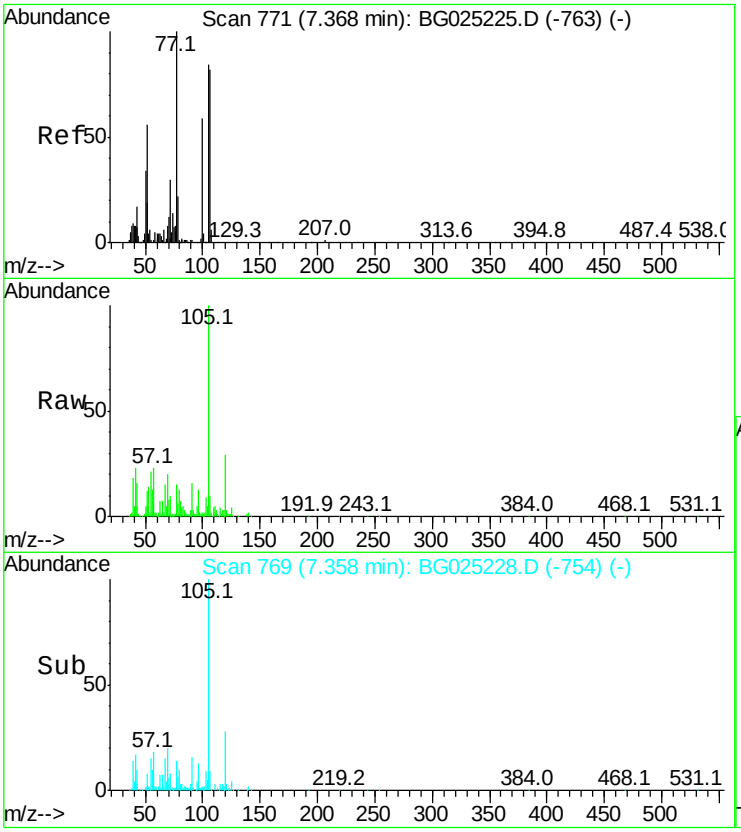


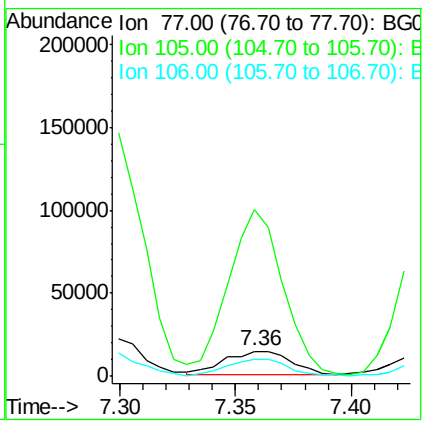


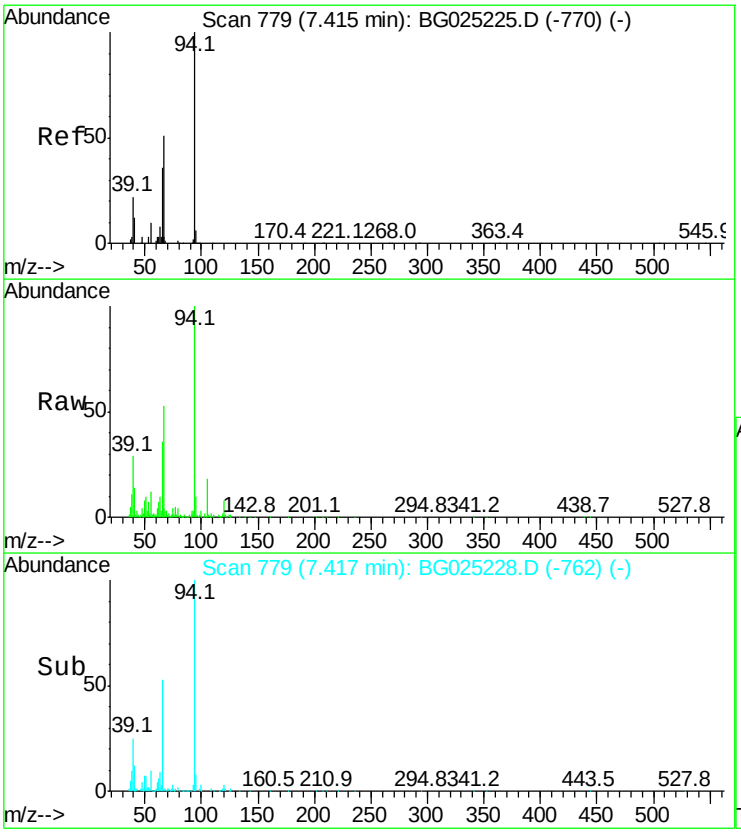
#4
Benzaldehyde
Concen: 5.20 ng/ul
RT: 7.36 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 26643

Ion	Ratio	Lower	Upper
77	100		
105	659.3	62.0	93.0#
106	66.0	60.2	90.4

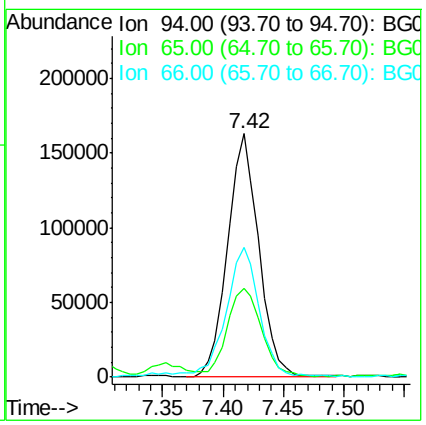


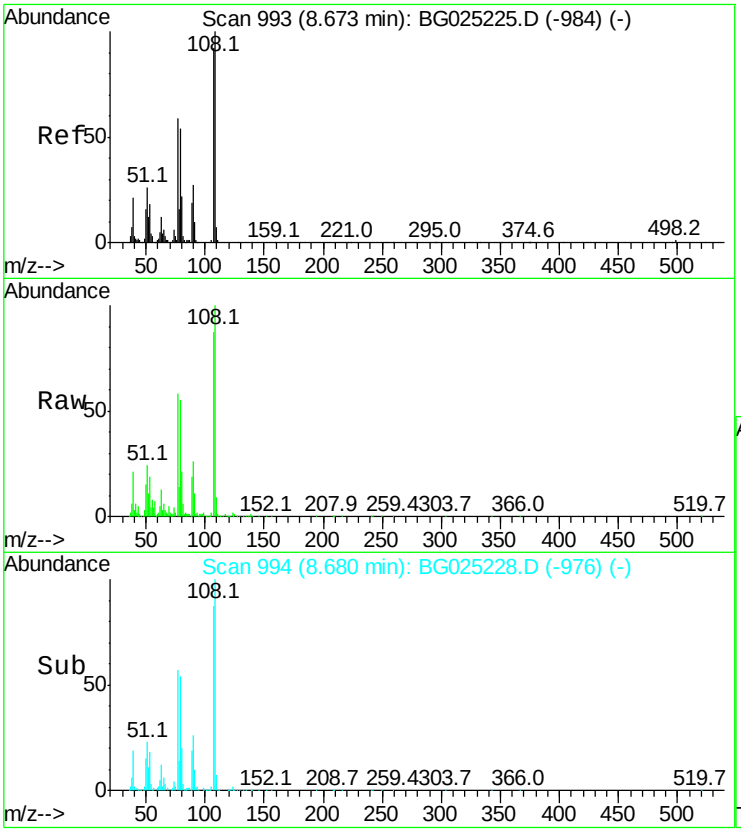


#6
Phenol
Concen: 41.67 ng/ul
RT: 7.42 min Scan# 779
Delta R.T. 0.00 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion: 94 Resp: 290864

Ion	Ratio	Lower	Upper
94	100		
65	36.2	26.8	40.2
66	53.1	44.4	66.6



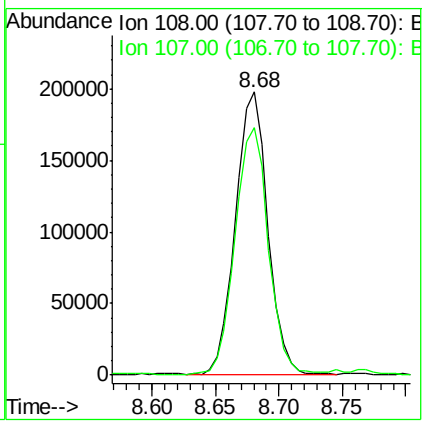


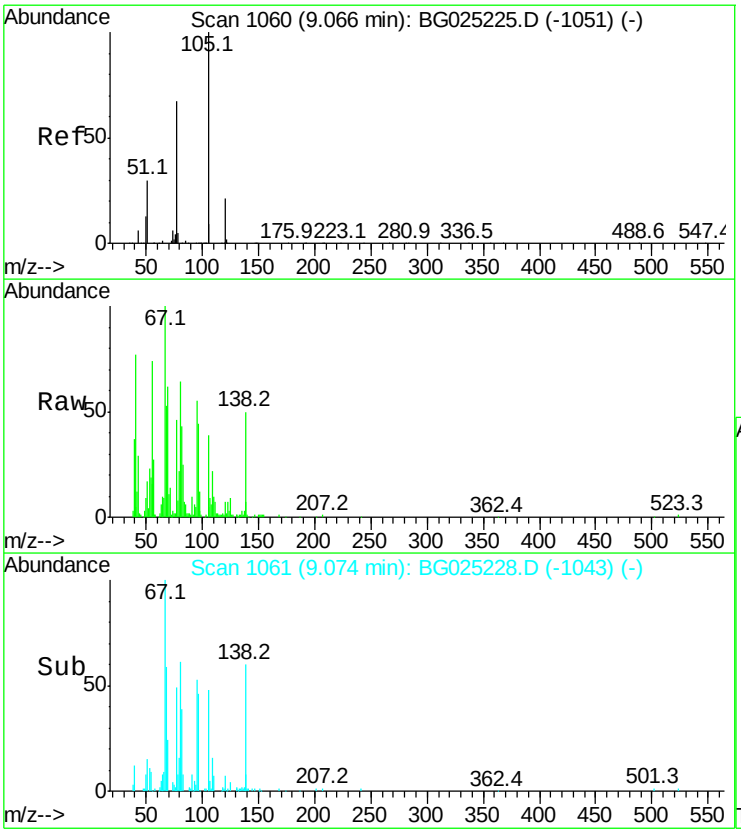
#11
2-Methylphenol
Concen: 67.84 ng/ul
RT: 8.68 min Scan# 994
Delta R.T. 0.01 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 348640

Ion	Ratio	Lower	Upper
108	100		
107	87.5	76.7	115.1

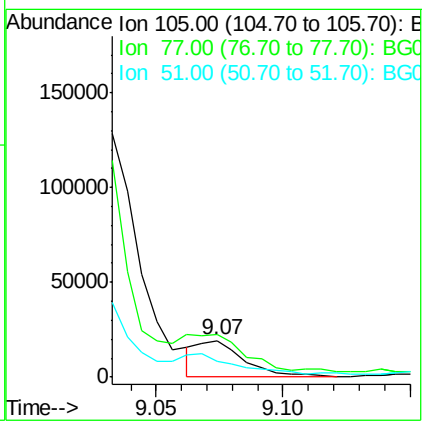


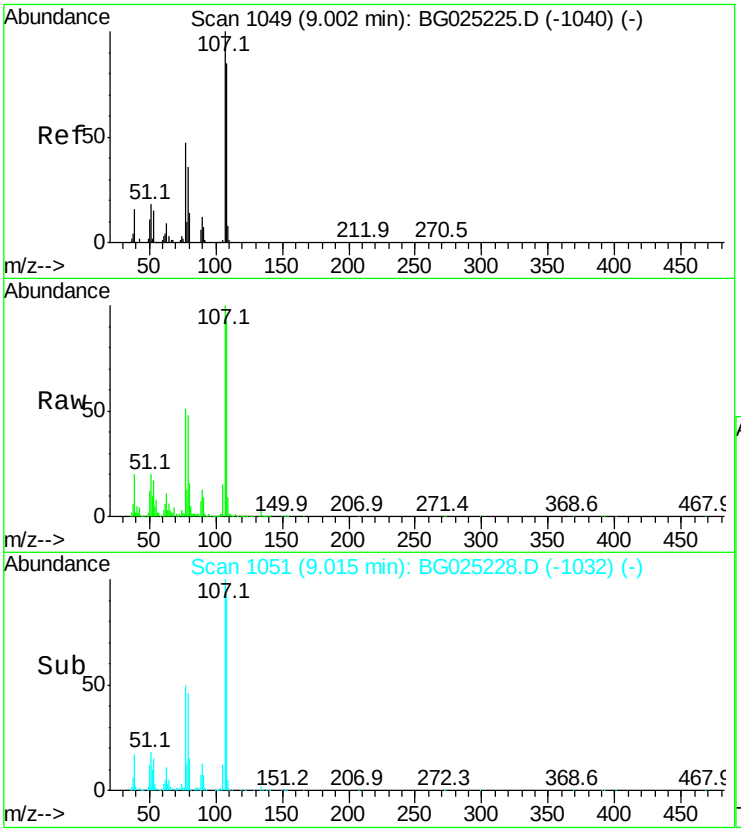


#14
Acetophenone
Concen: 2.78 ng/ul
RT: 9.07 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:105 Resp: 24028

Ion	Ratio	Lower	Upper
105	100		
77	117.3	76.0	114.0#
51	42.0	34.8	52.2



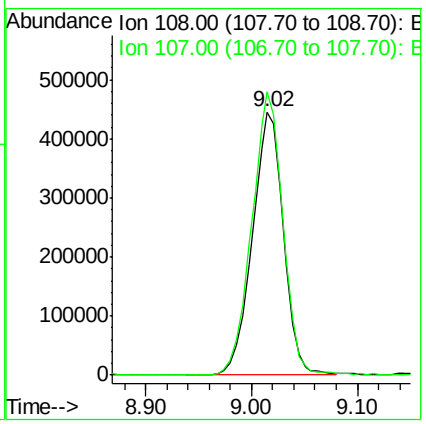


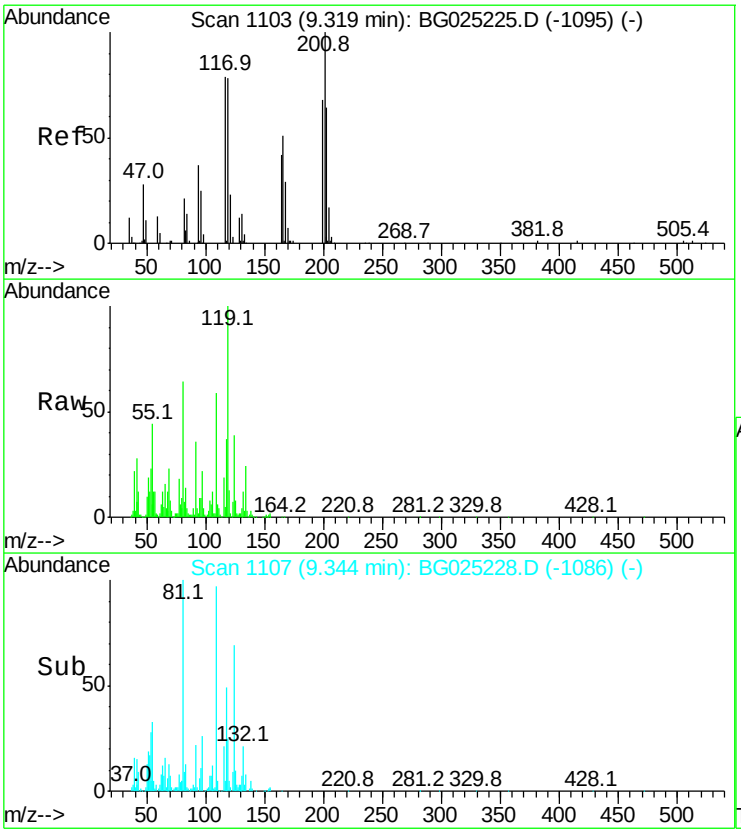
#16
4-Methylphenol
Concen: 159.18 ng/ul
RT: 9.02 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 910087

Ion	Ratio	Lower	Upper
108	100		
107	107.5	91.7	137.5

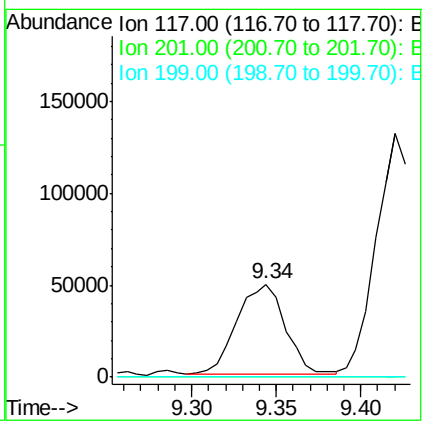


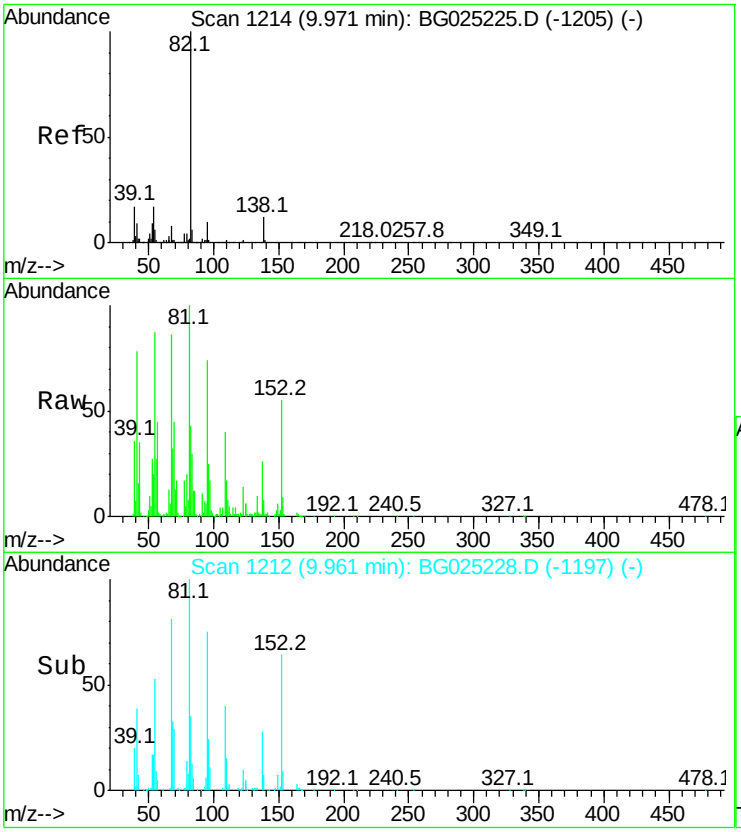


#17
Hexachloroethane
Concen: 45.72 ng/ul
RT: 9.34 min Scan# 1107
Delta R.T. 0.03 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:117 Resp: 96827

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



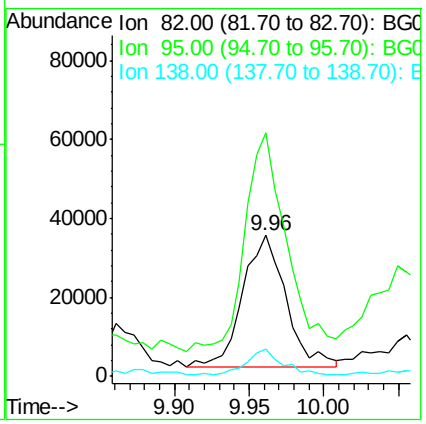


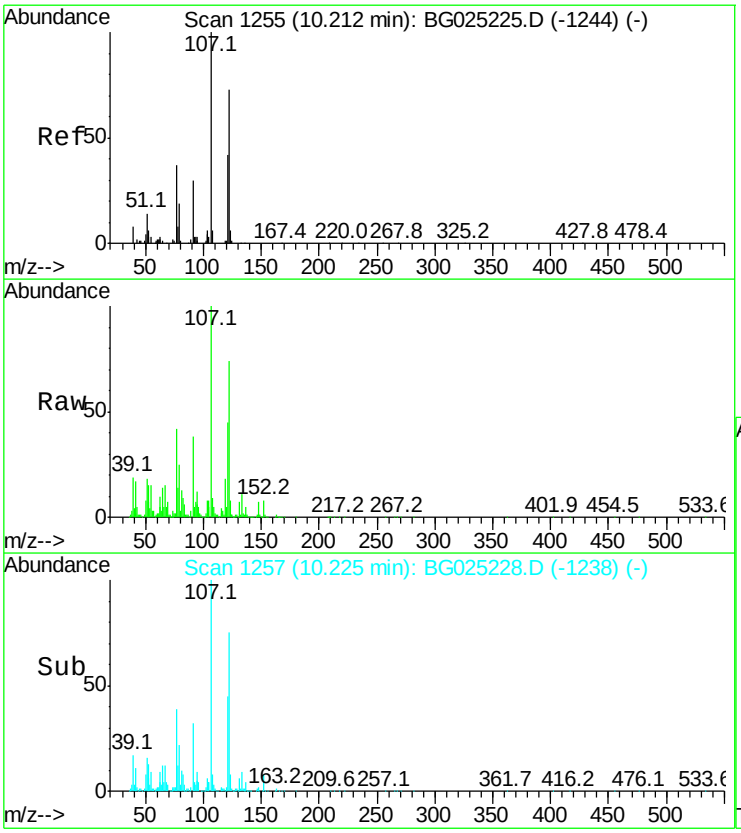
#21
Isophorone
Concen: 5.00 ng/ul
RT: 9.96 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 66434

Ion	Ratio	Lower	Upper
82	100		
95	173.0	7.8	11.6#
138	19.1	12.2	18.2#

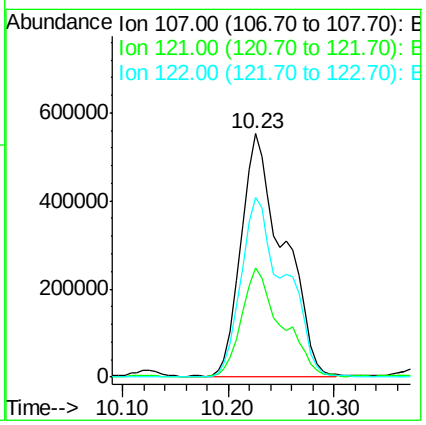


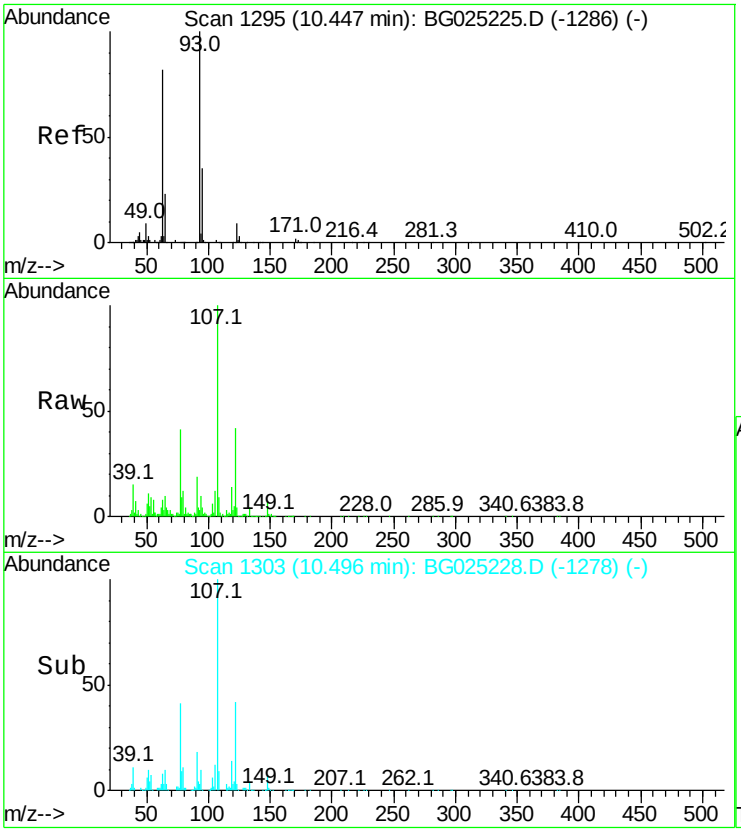


#24
2,4-Dimethylphenol
Concen: 231.11 ng/ul
RT: 10.23 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:107 Resp: 1527703

Ion	Ratio	Lower	Upper
107	100		
121	45.0	32.3	48.5
122	73.6	61.2	91.8



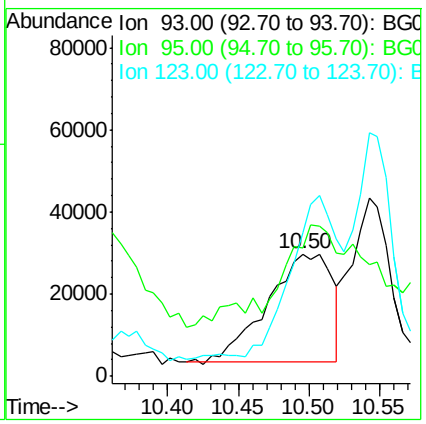


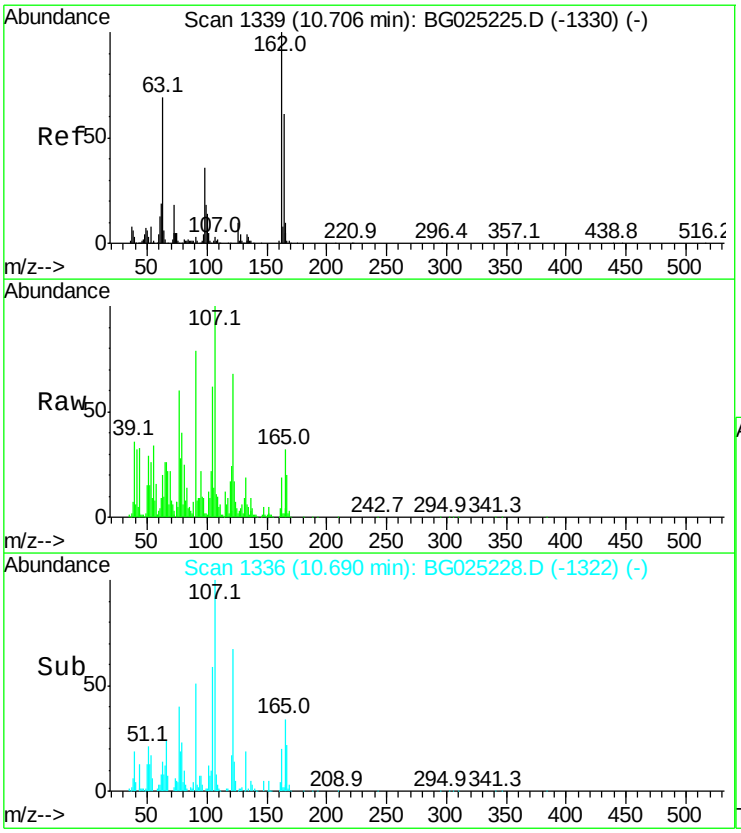
#25
Bis(2-Chloroethoxy)methane
Concen: 12.47 ng/ul
RT: 10.50 min Scan# 1303
Delta R.T. 0.05 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 84449

Ion	Ratio	Lower	Upper
93	100		
95	104.7	23.4	35.0#
123	117.4	7.8	11.6#

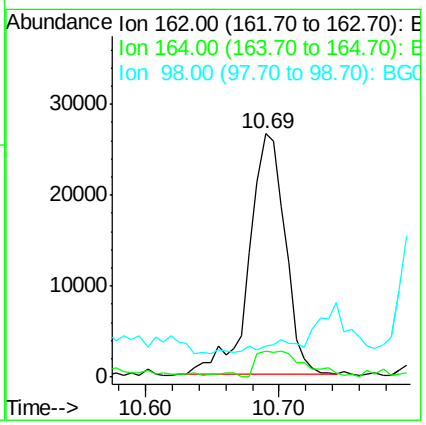


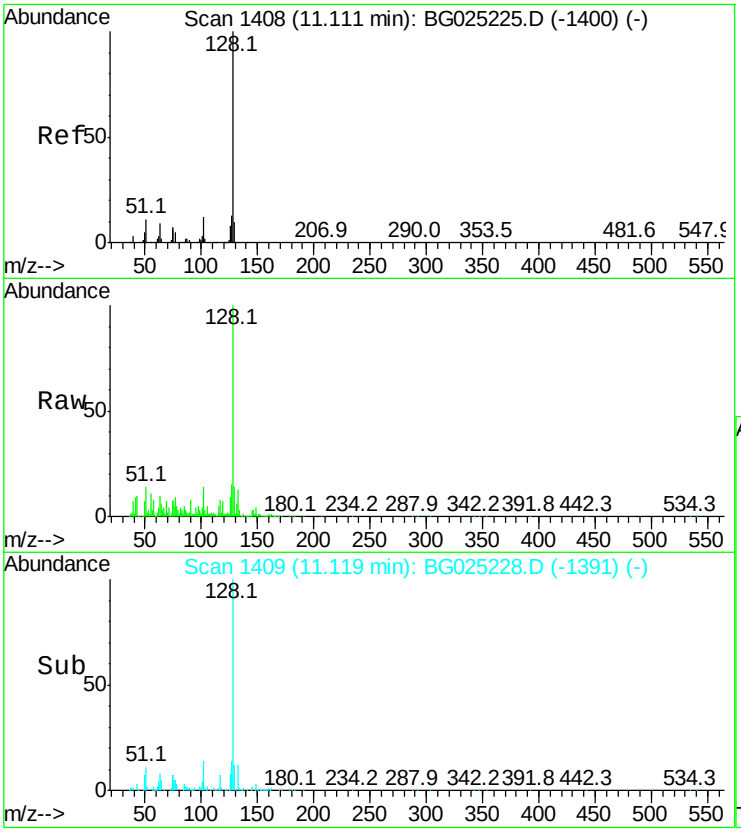


#27
2,4-Dichlorophenol
Concen: 9.28 ng/ul
RT: 10.69 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:162 Resp: 49379

Ion	Ratio	Lower	Upper
162	100		
164	10.5	50.8	76.2#
98	13.0	32.1	48.1#



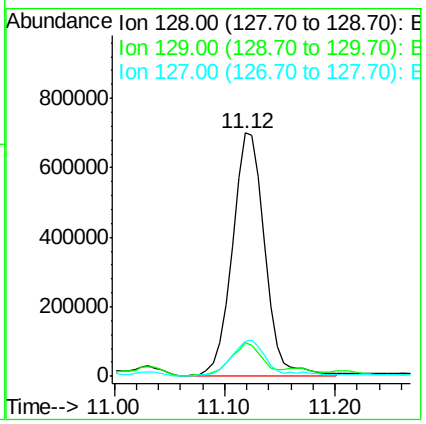


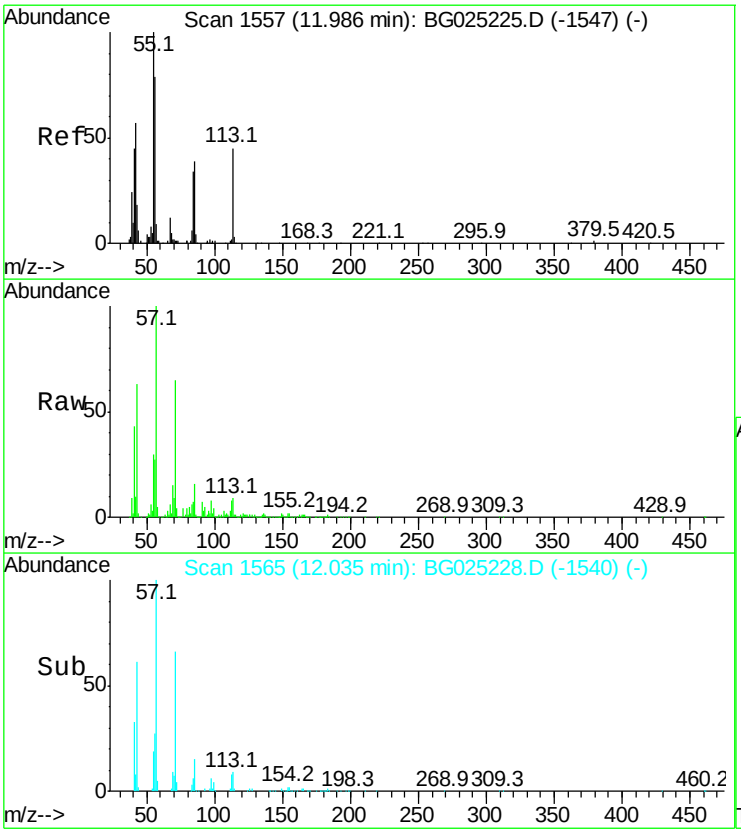
#28
Naphthalene
Concen: 95.57 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 1434072

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.4	14.2
127	14.6	10.3	15.5

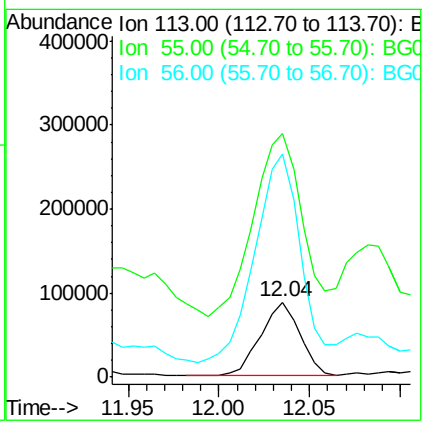


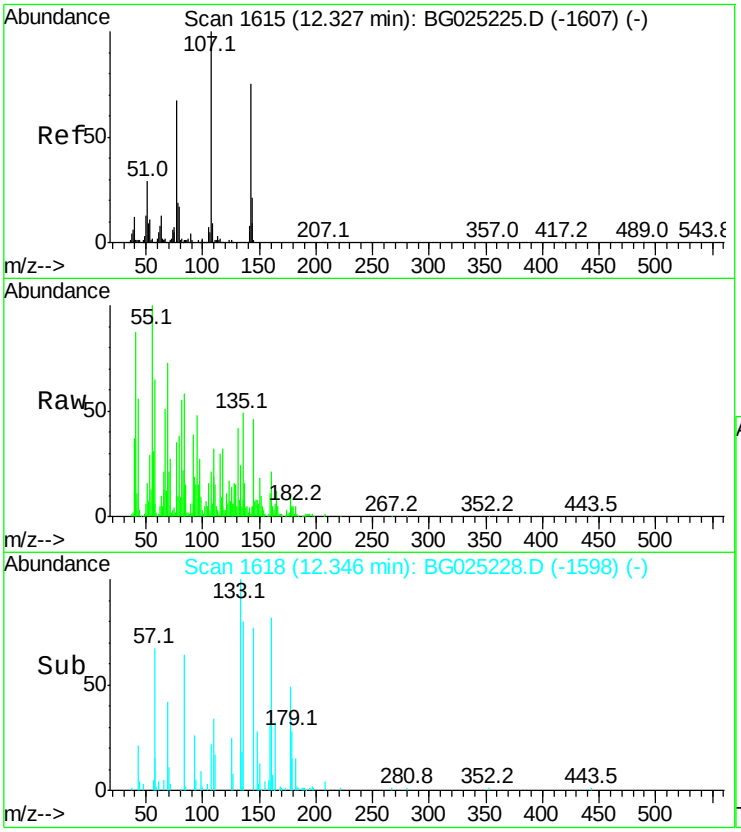


#32
Caprolactam
Concen: 59.89 ng/ul
RT: 12.04 min Scan# 1565
Delta R.T. 0.05 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:113 Resp: 132344

Ion	Ratio	Lower	Upper
113	100		
55	325.1	168.6	252.8#
56	298.1	128.5	192.7#



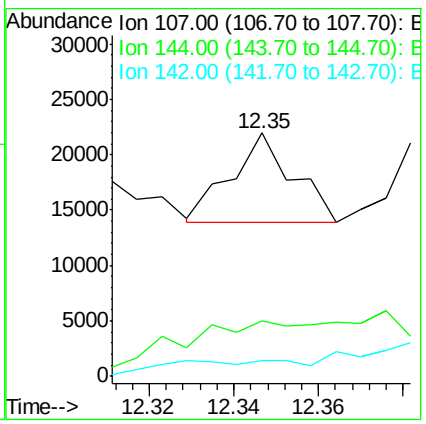


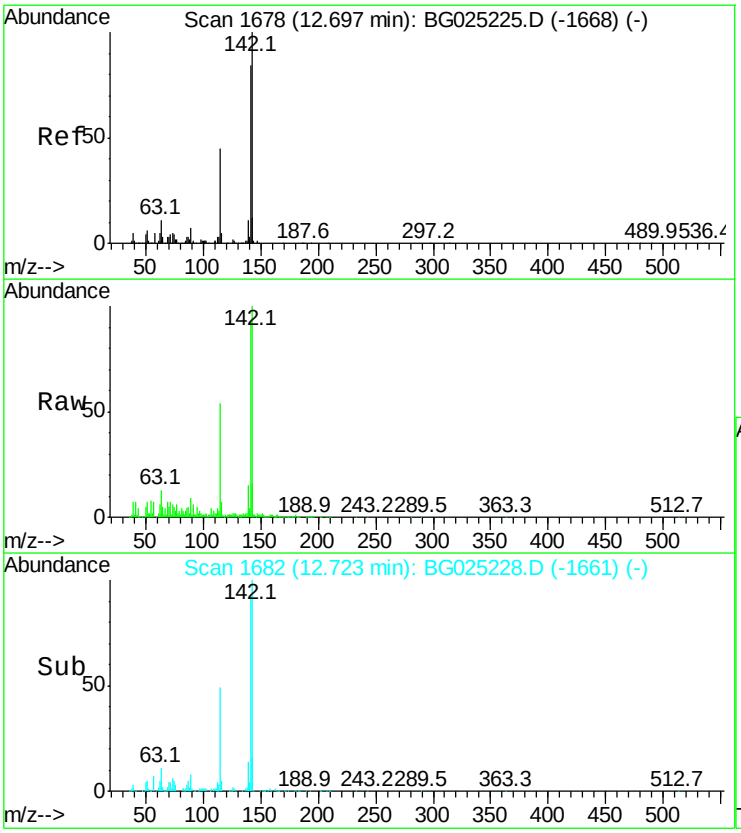
#33
4-Chloro-3-methylphenol
Concen: 1.26 ng/ul
RT: 12.35 min Scan# 1618
Delta R.T. 0.02 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 8256

Ion	Ratio	Lower	Upper
107	100		
144	22.8	18.2	27.4
142	6.6	55.0	82.4#

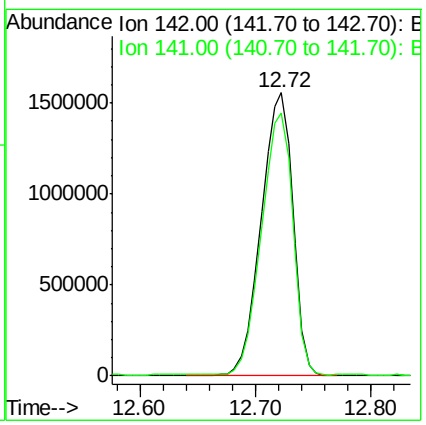


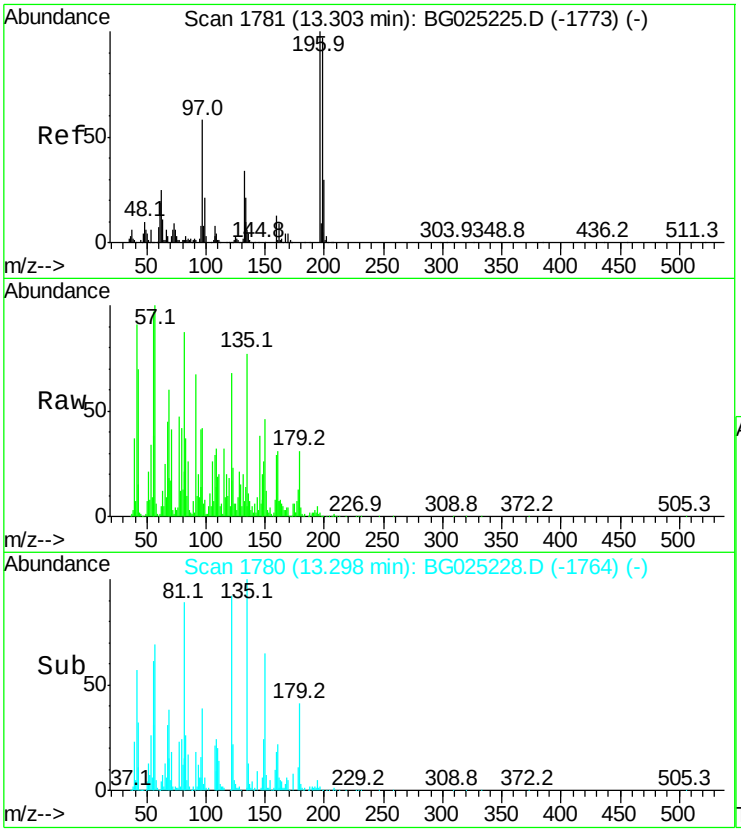


#34
2-Methylnaphthalene
Concen: 250.27 ng/ul
RT: 12.72 min Scan# 1682
Delta R.T. 0.03 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:142 Resp: 2963542

Ion	Ratio	Lower	Upper
142	100		
141	92.8	68.6	102.8



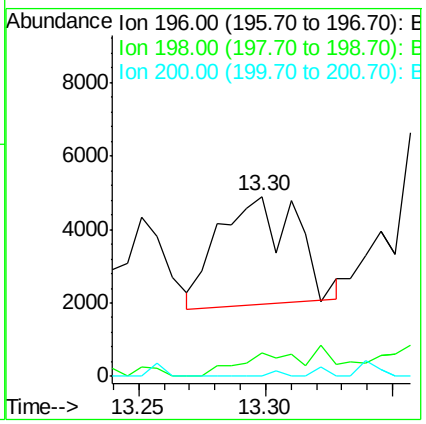


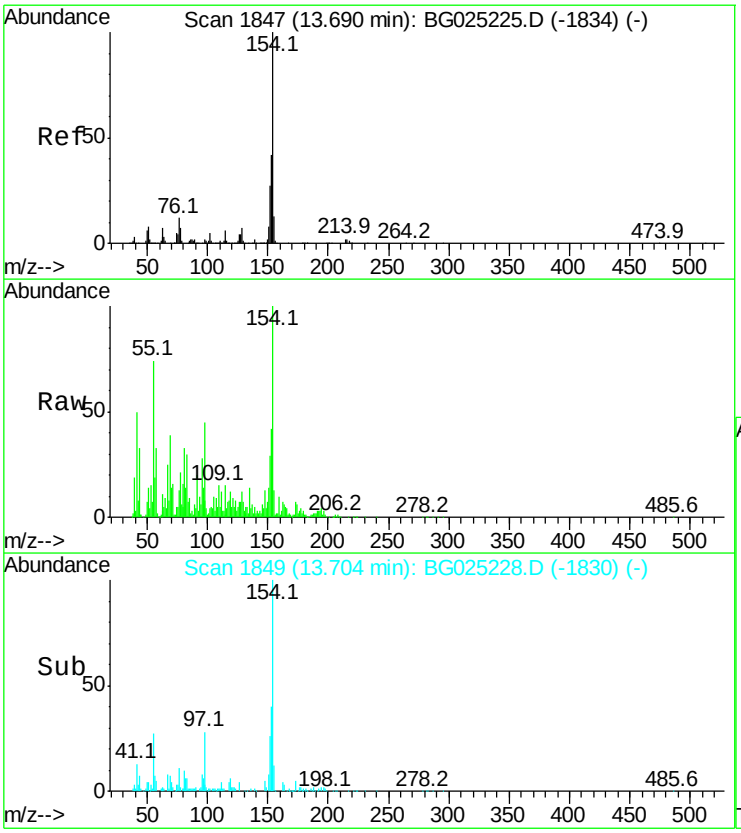
#38
2,4,6-Trichlorophenol
Concen: 1.15 ng/ul
RT: 13.30 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:196 Resp: 6226

Ion	Ratio	Lower	Upper
196	100		
198	13.2	71.4	107.2#
200	0.0	24.6	37.0#

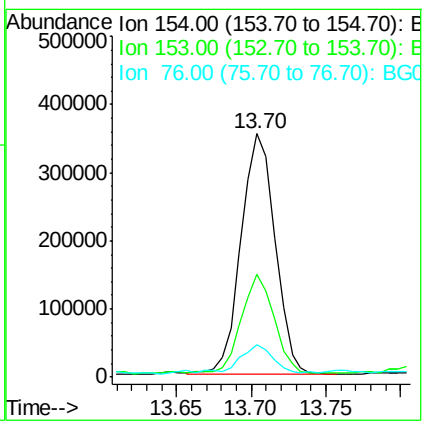


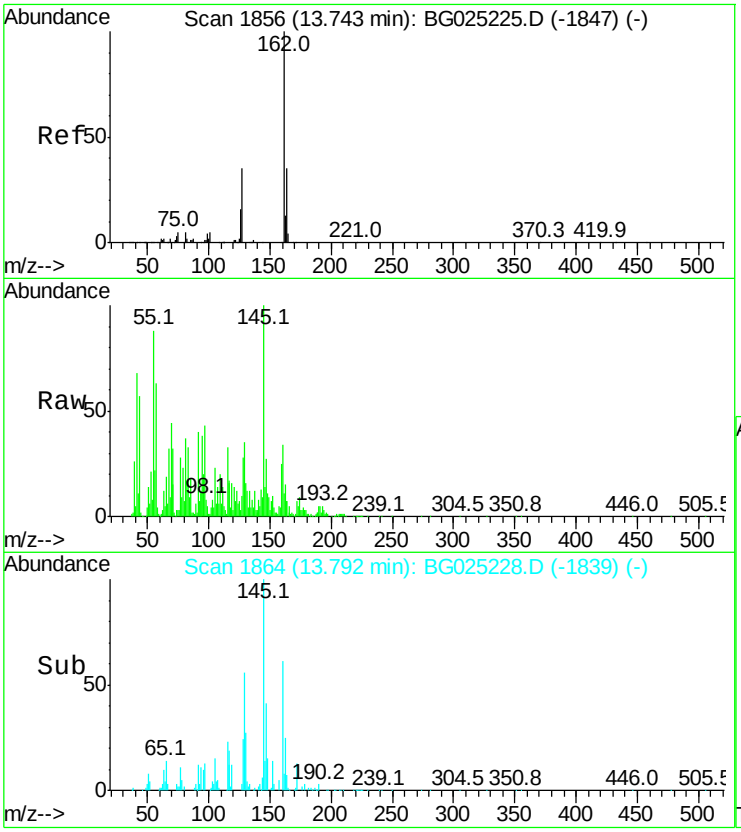


#40
1,1'-Biphenyl
Concen: 32.36 ng/ul
RT: 13.70 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:154 Resp: 561327

Ion	Ratio	Lower	Upper
154	100		
153	42.3	32.2	48.2
76	13.2	9.6	14.4



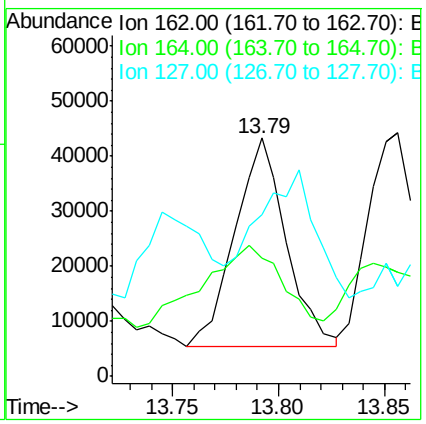


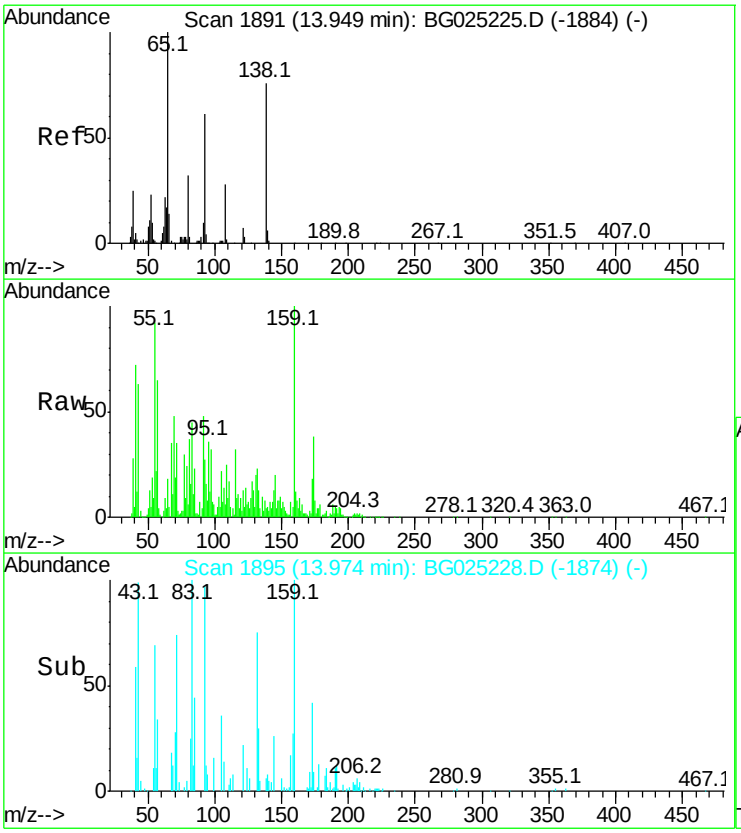
#41
2-Chloronaphthalene
Concen: 4.62 ng/ul
RT: 13.79 min Scan# 1864
Delta R.T. 0.05 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 63737

Ion	Ratio	Lower	Upper
162	100		
164	49.9	25.0	37.6#
127	67.8	30.7	46.1#

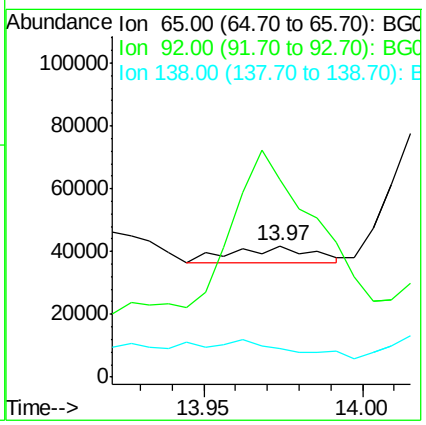


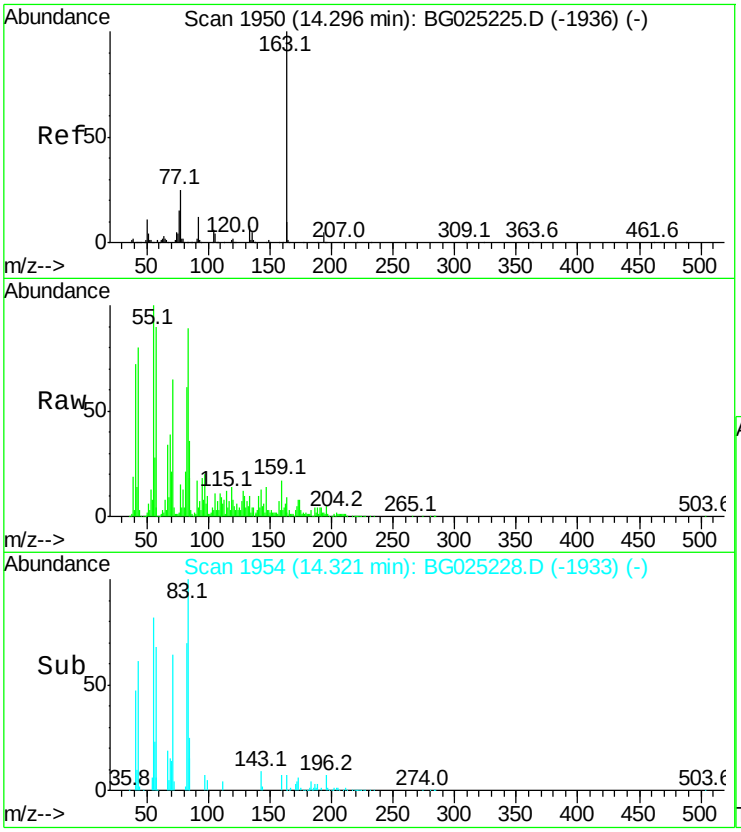


#42
2-Nitroaniline
Concen: 1.67 ng/ul
RT: 13.97 min Scan# 1895
Delta R.T. 0.03 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion: 65 Resp: 9041

Ion	Ratio	Lower	Upper
65	100		
92	150.6	50.9	76.3#
138	22.0	61.8	92.6#



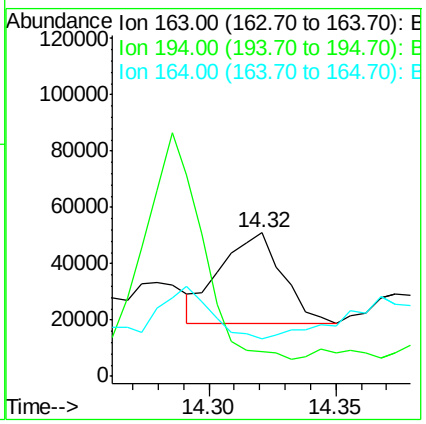


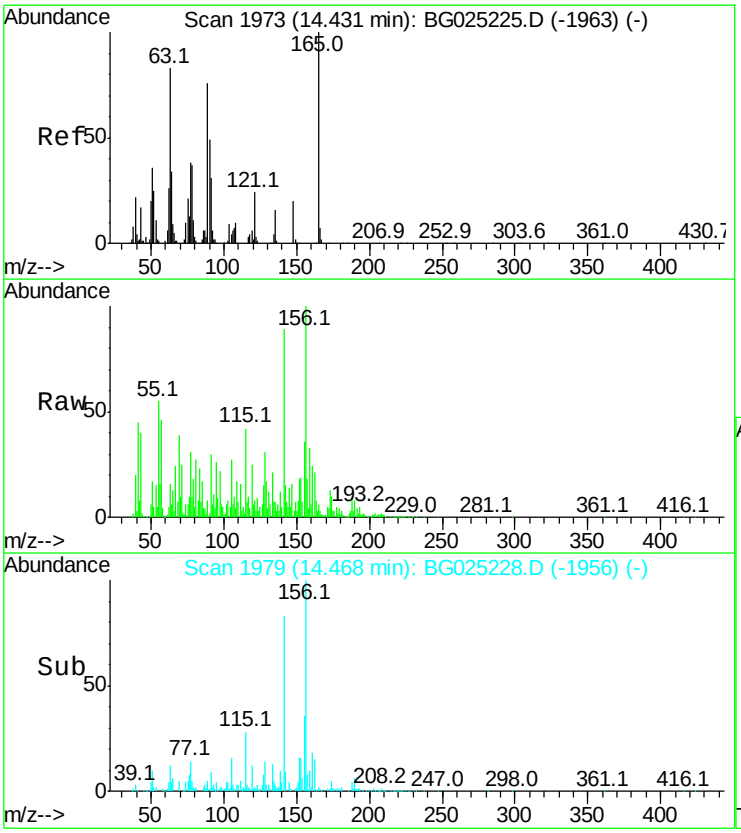
#44
Dimethylphthalate
Concen: 2.81 ng/ul
RT: 14.32 min Scan# 1954
Delta R.T. 0.03 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 54248

Ion	Ratio	Lower	Upper
163	100		
194	17.1	3.4	5.0#
164	26.1	9.0	13.4#

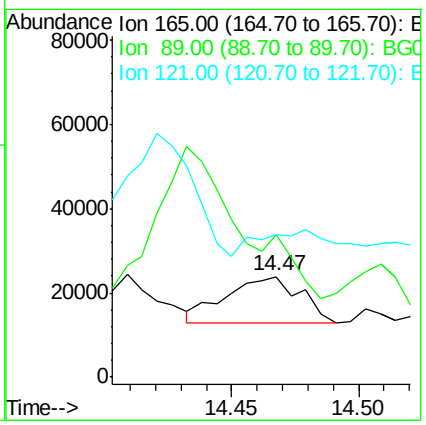


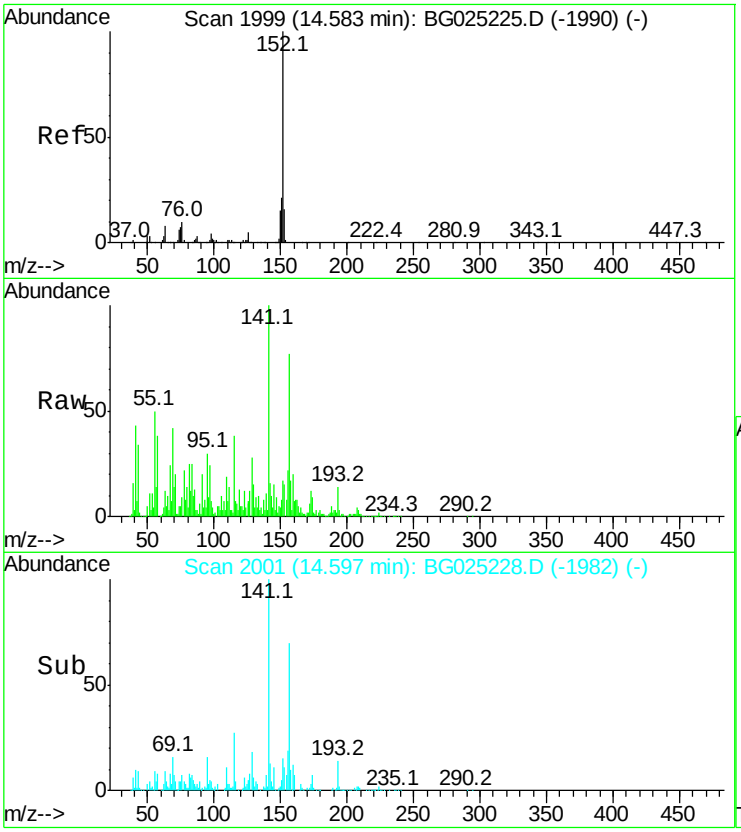


#45
2,6-Dinitrotoluene
Concen: 5.46 ng/ul
RT: 14.47 min Scan# 1979
Delta R.T. 0.04 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:165 Resp: 22705

Ion	Ratio	Lower	Upper
165	100		
89	142.5	52.9	79.3#
121	141.5	22.2	33.4#



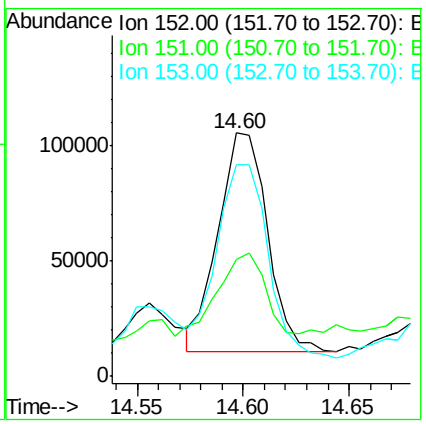


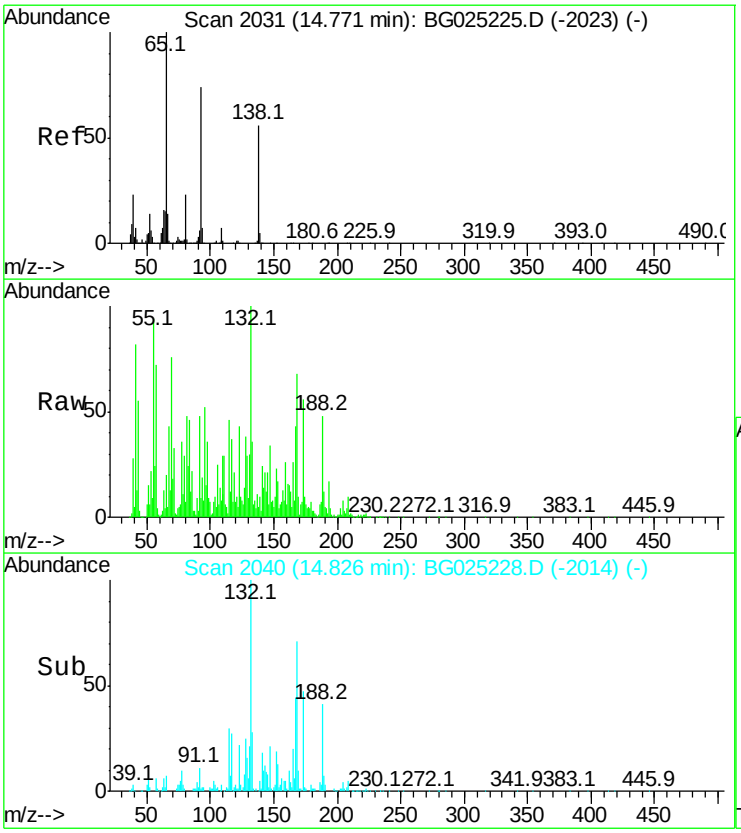
#47
Acenaphthylene
Concen: 7.28 ng/ul
RT: 14.60 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 152641

Ion	Ratio	Lower	Upper
152	100		
151	48.1	16.7	25.1#
153	87.2	11.4	17.2#

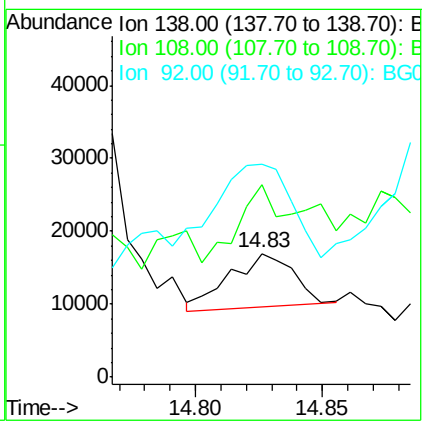


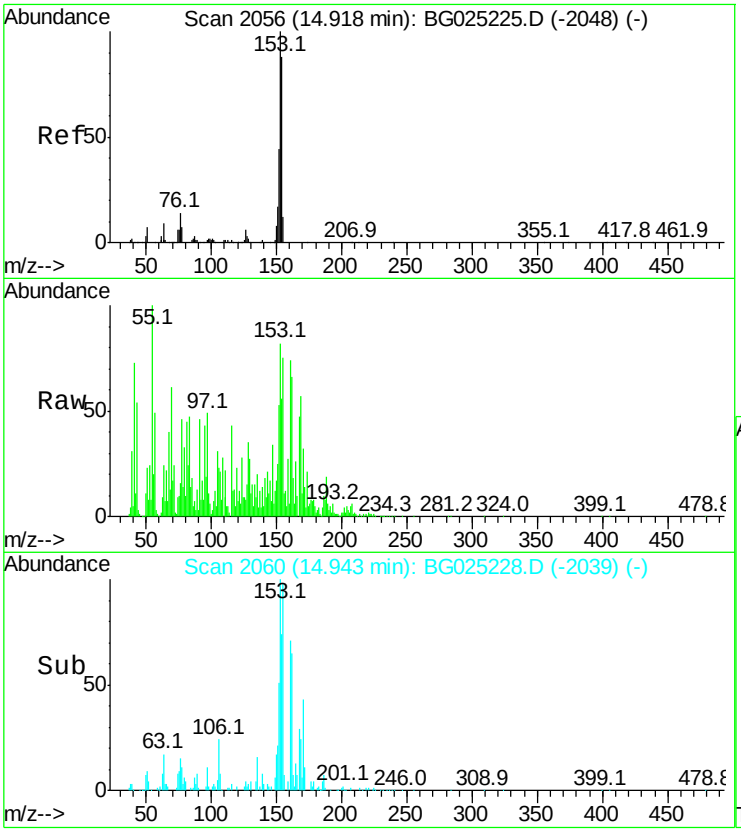


#48
3-Nitroaniline
Concen: 3.54 ng/ul
RT: 14.83 min Scan# 2040
Delta R.T. 0.05 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:138 Resp: 12733

Ion	Ratio	Lower	Upper
138	100		
108	156.1	6.3	9.5#
92	172.3	106.4	159.6#



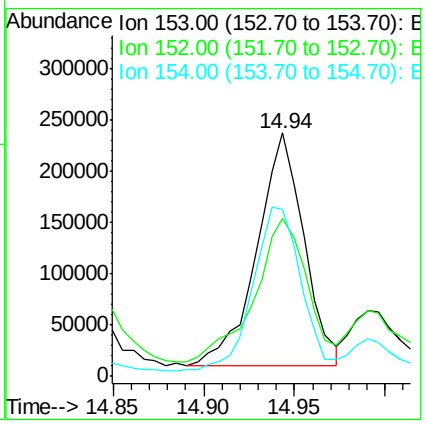


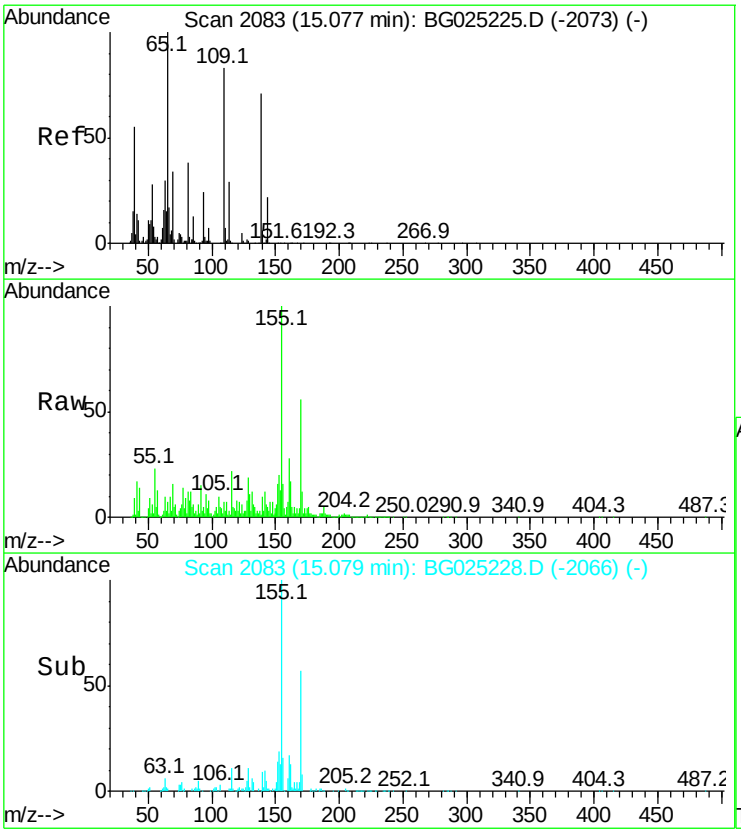
#49
Acenaphthene
Concen: 28.53 ng/ul
RT: 14.94 min Scan# 2060
Delta R.T. 0.03 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 409568

Ion	Ratio	Lower	Upper
153	100		
152	65.1	36.5	54.7#
154	68.8	72.3	108.5#

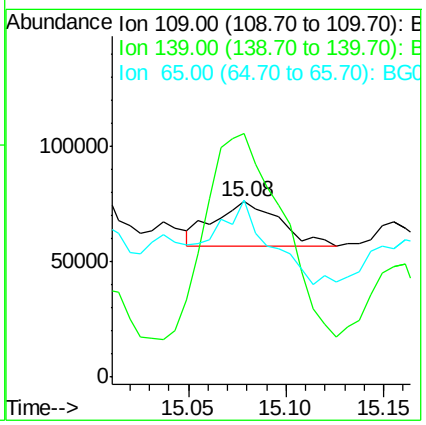


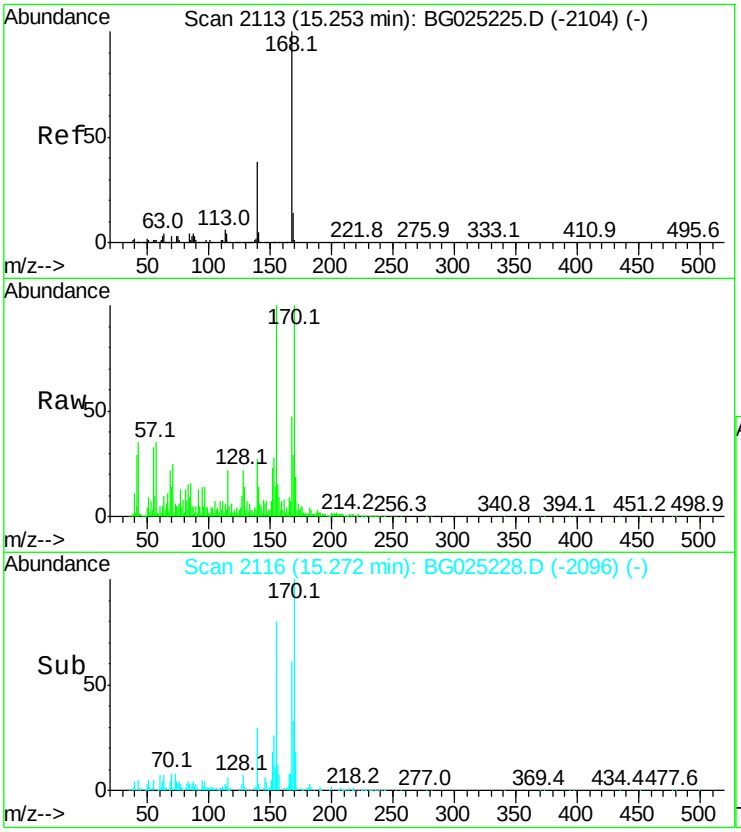


#52
4-Nitrophenol
Concen: 10.99 ng/ul
RT: 15.08 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:109 Resp: 44705

Ion	Ratio	Lower	Upper
109	100		
139	139.0	62.6	93.8#
65	100.8	90.4	135.6



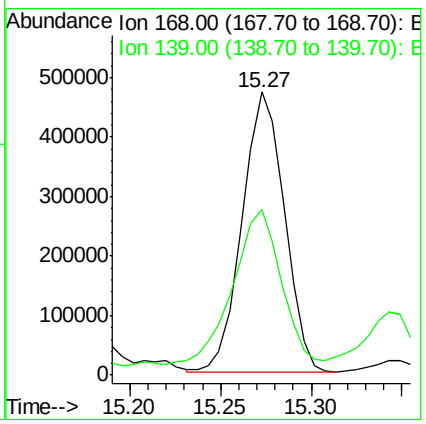


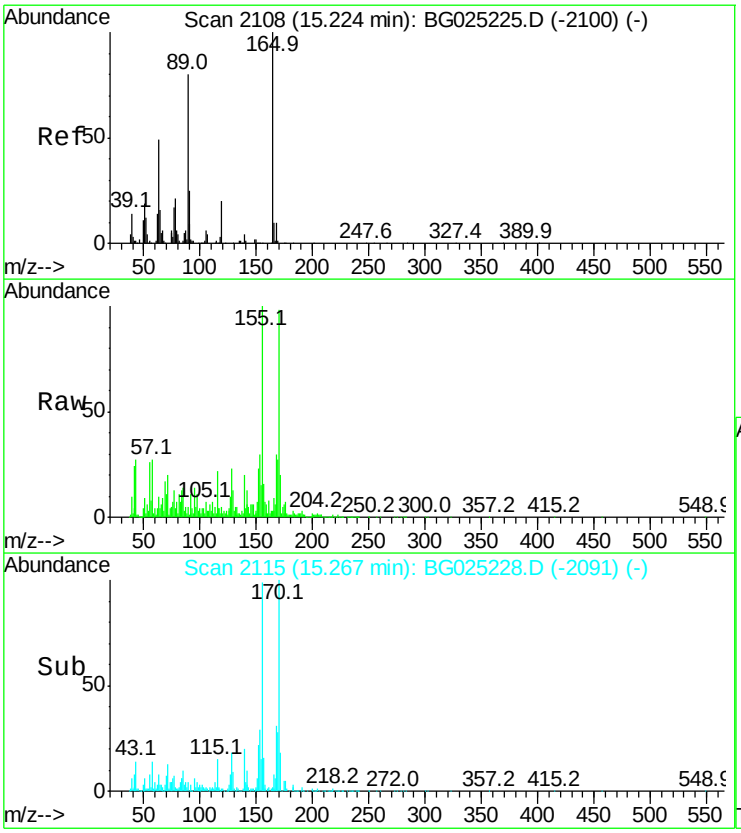
#53
Dibenzofuran
Concen: 33.45 ng/ul
RT: 15.27 min Scan# 2116
Delta R.T. 0.02 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 759461

Ion	Ratio	Lower	Upper
168	100		
139	58.4	33.8	50.8#

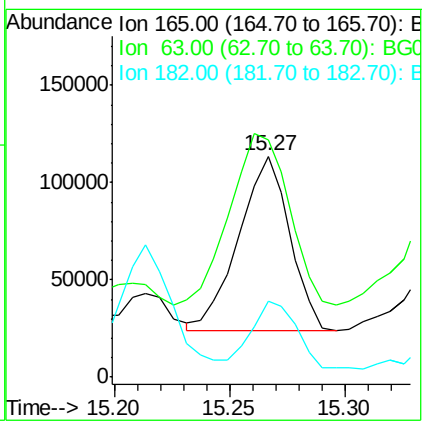


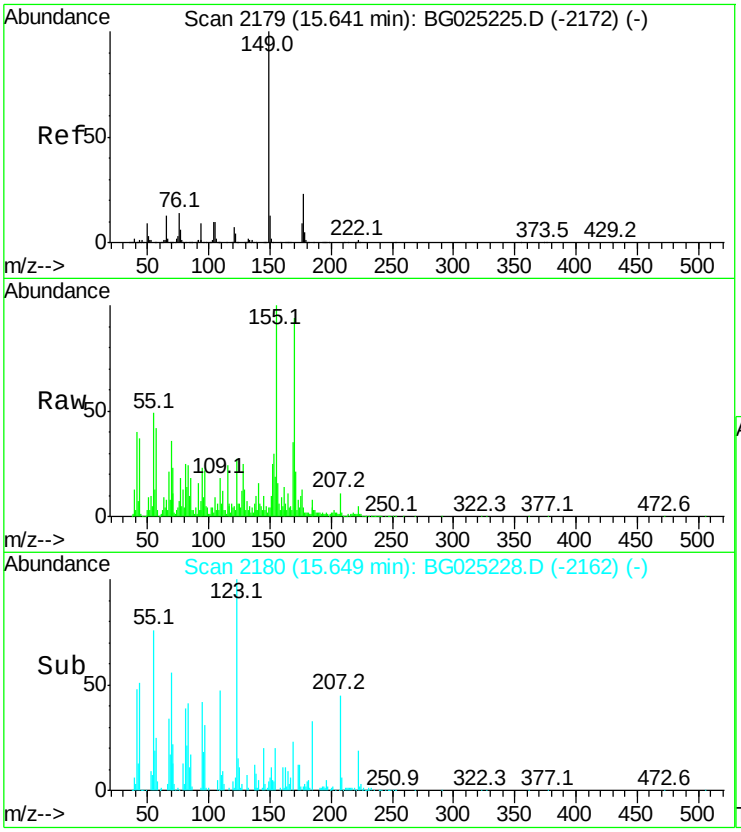


#54
2,4-Dinitrotoluene
Concen: 21.84 ng/ul
RT: 15.27 min Scan# 2115
Delta R.T. 0.04 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:165 Resp: 136796

Ion	Ratio	Lower	Upper
165	100		
63	107.3	46.8	70.2#
182	34.6	1.8	2.6#



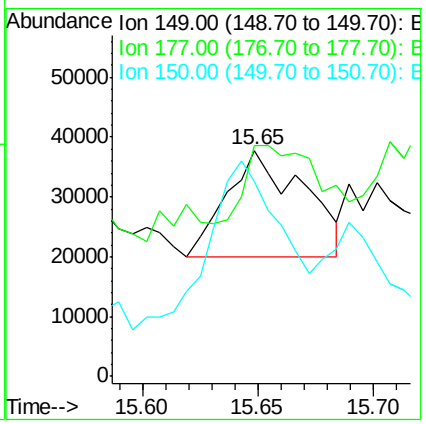


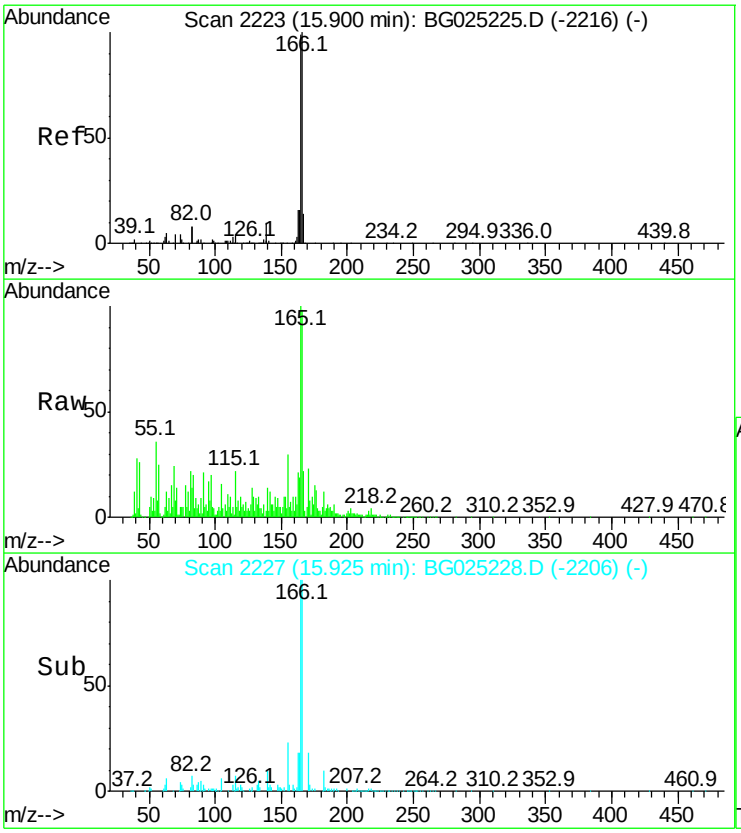
#56
Diethylphthalate
Concen: 1.98 ng/ul
RT: 15.65 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 40554

Ion	Ratio	Lower	Upper
149	100		
177	102.5	17.8	26.8#
150	86.5	10.2	15.4#

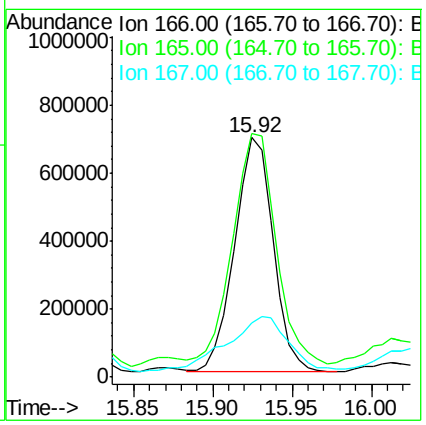


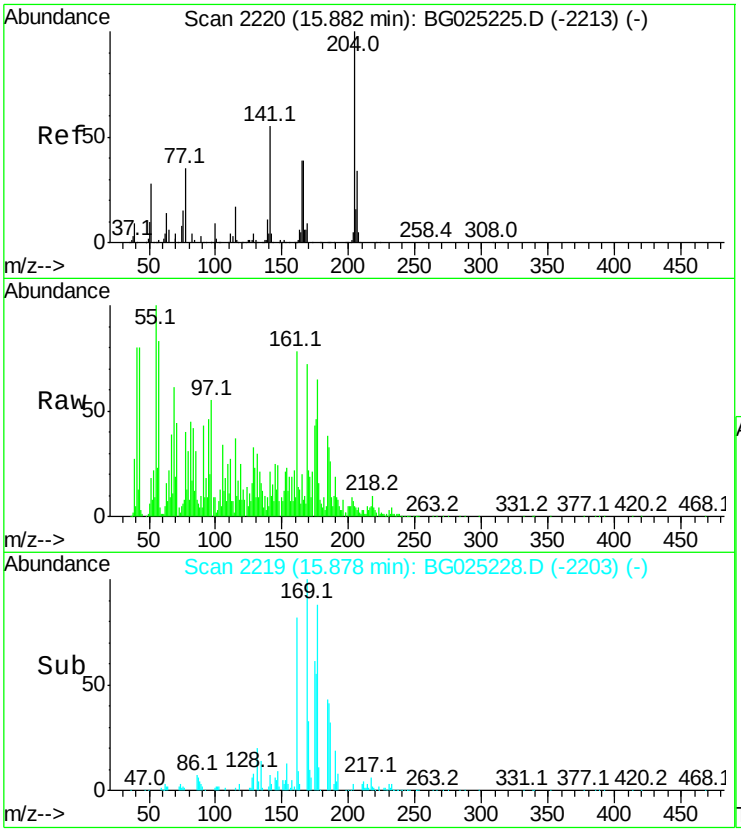


#58
Fluorene
Concen: 62.90 ng/ul
RT: 15.92 min Scan# 2227
Delta R.T. 0.03 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:166 Resp: 1162720

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.7	119.5
167	22.6	11.4	17.2#



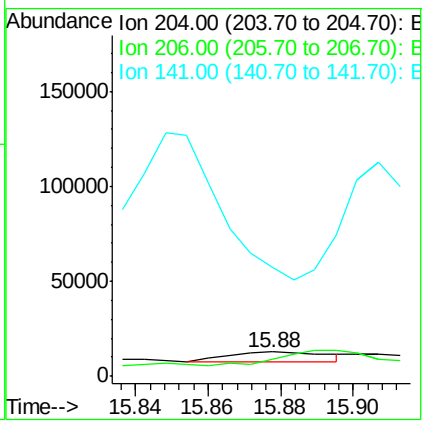


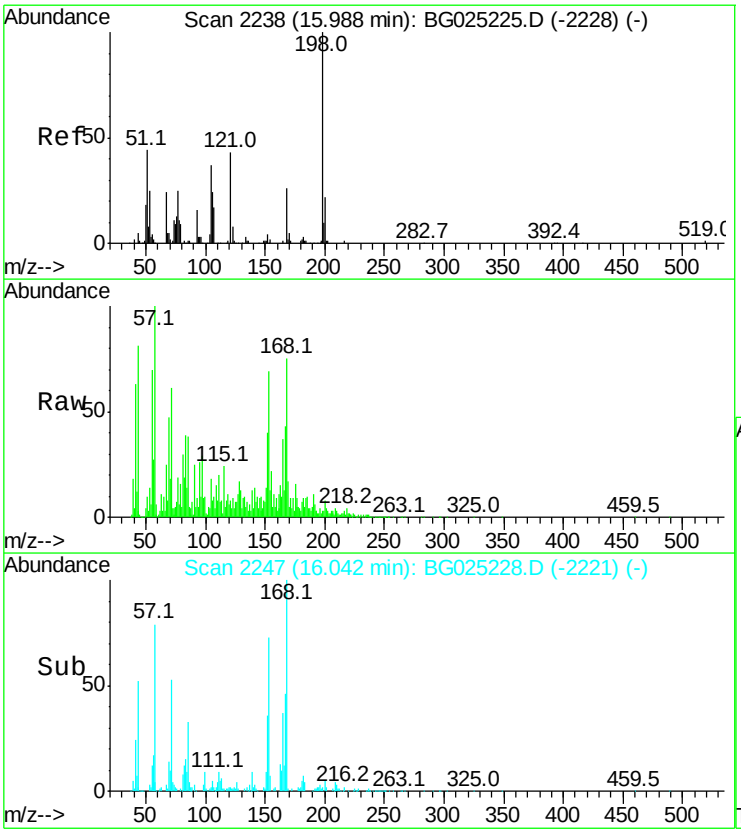
#59
4-Chlorophenyl-phenylether
Concen: 1.00 ng/ul
RT: 15.88 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:204 Resp: 10418

Ion	Ratio	Lower	Upper
204	100		
206	68.6	32.3	48.5#
141	447.5	57.5	86.3#

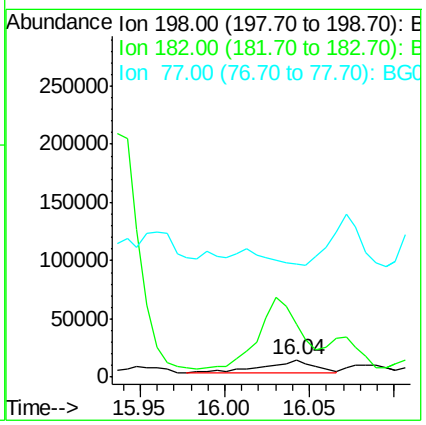


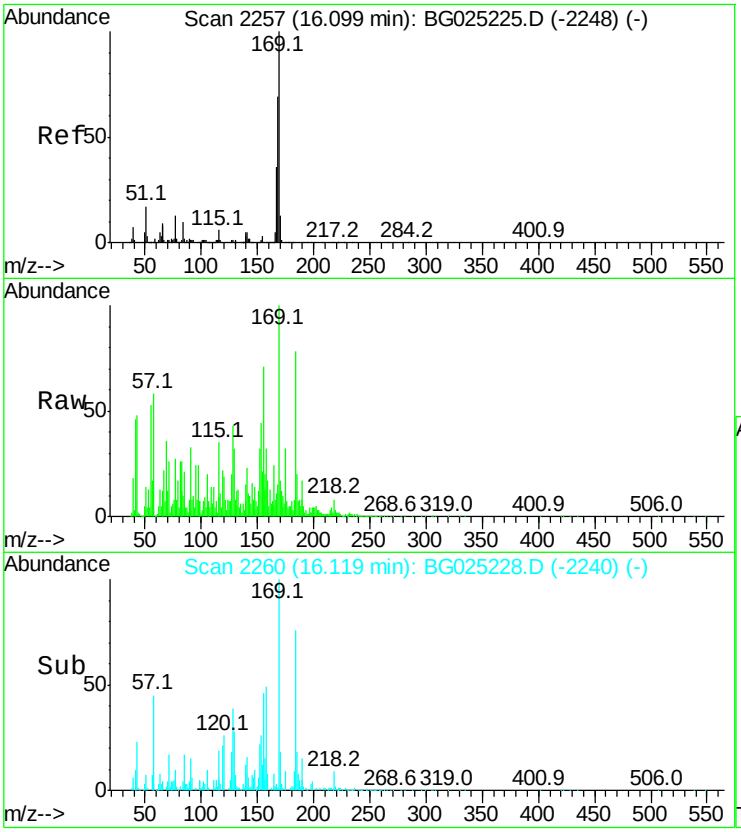


#63
4,6-Dinitro-2-methylphenol
Concen: 7.75 ng/ul
RT: 16.04 min Scan# 2247
Delta R.T. 0.05 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:198 Resp: 24754

Ion	Ratio	Lower	Upper
198	100		
182	312.4	5.8	6.4#
77	666.5	22.1	33.9#



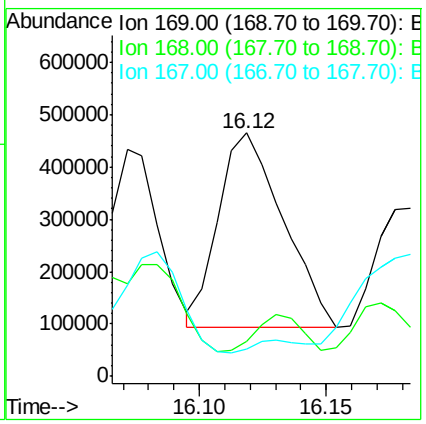


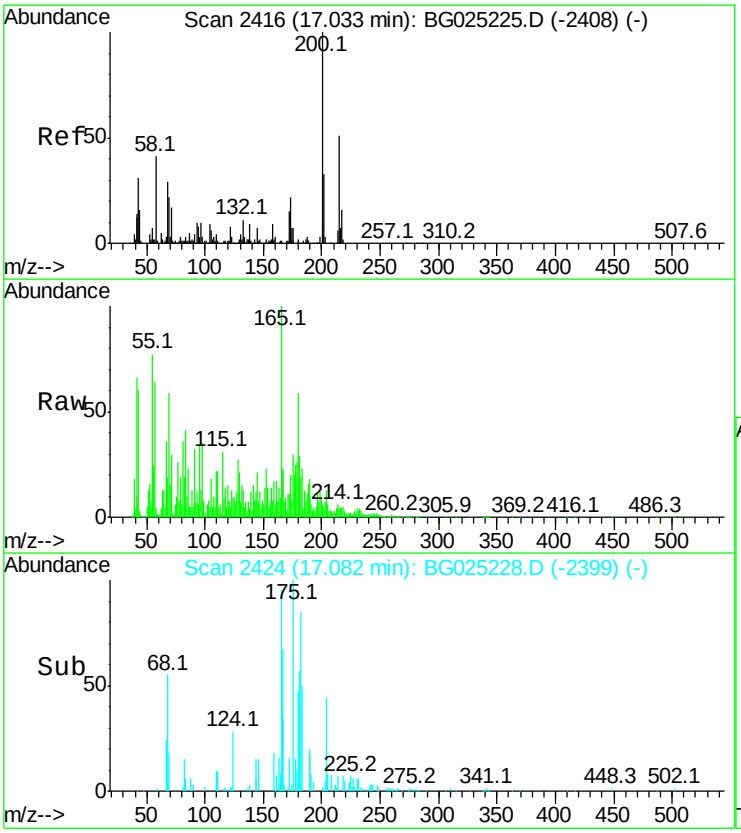
#64
N-Nitrosodiphenylamine
Concen: 51.03 ng/ul
RT: 16.12 min Scan# 2260
Delta R.T. 0.02 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 654897

Ion	Ratio	Lower	Upper
169	100		
168	14.6	59.1	88.7#
167	11.5	29.7	44.5#

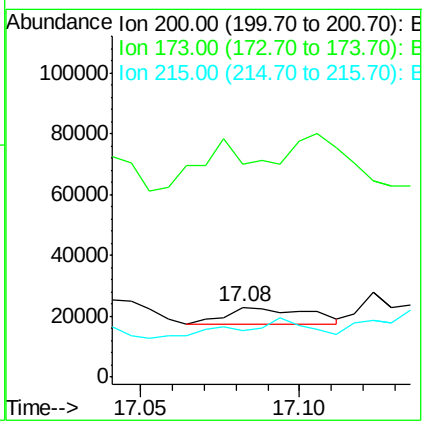


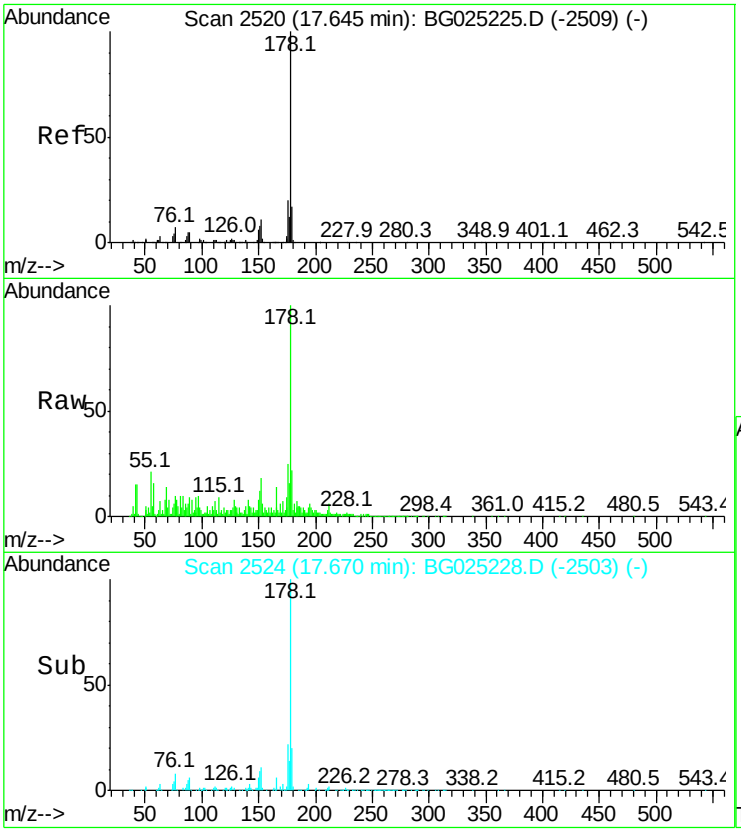


#67
Atrazine
Concen: 1.59 ng/ul
RT: 17.08 min Scan# 2424
Delta R.T. 0.05 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:200 Resp: 9699

Ion	Ratio	Lower	Upper
200	100		
173	305.7	19.2	28.8#
215	66.8	40.3	60.5#



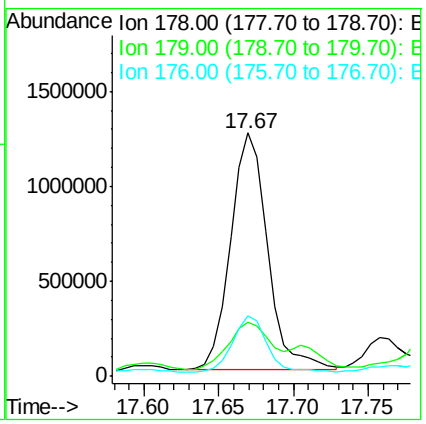


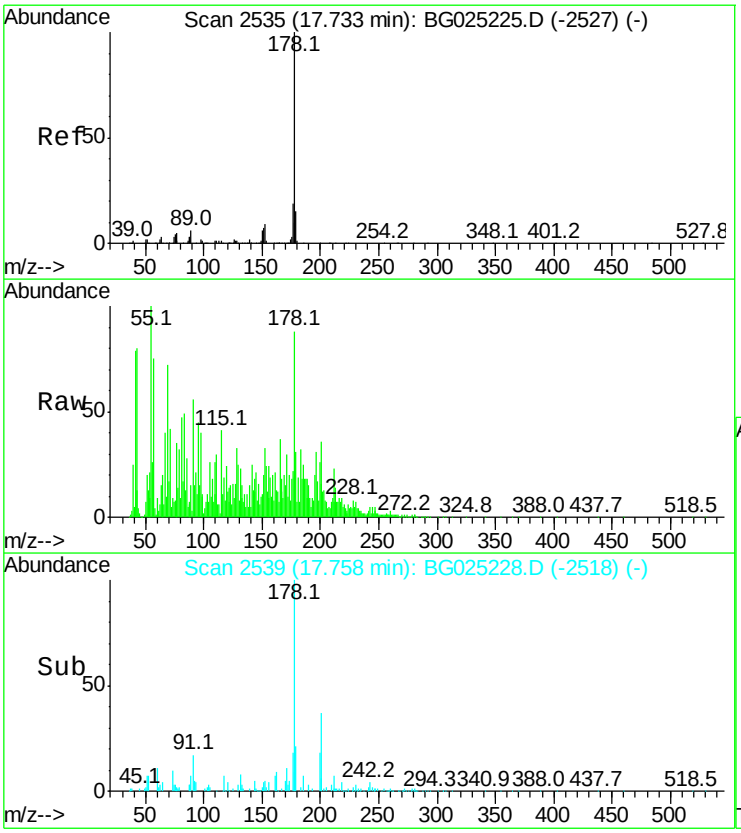
#69
Phenanthrene
Concen: 90.91 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. 0.03 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 2164274

Ion	Ratio	Lower	Upper
178	100		
179	22.5	12.4	18.6#
176	24.9	16.5	24.7#

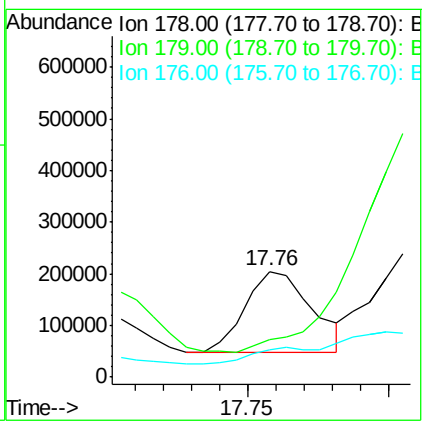


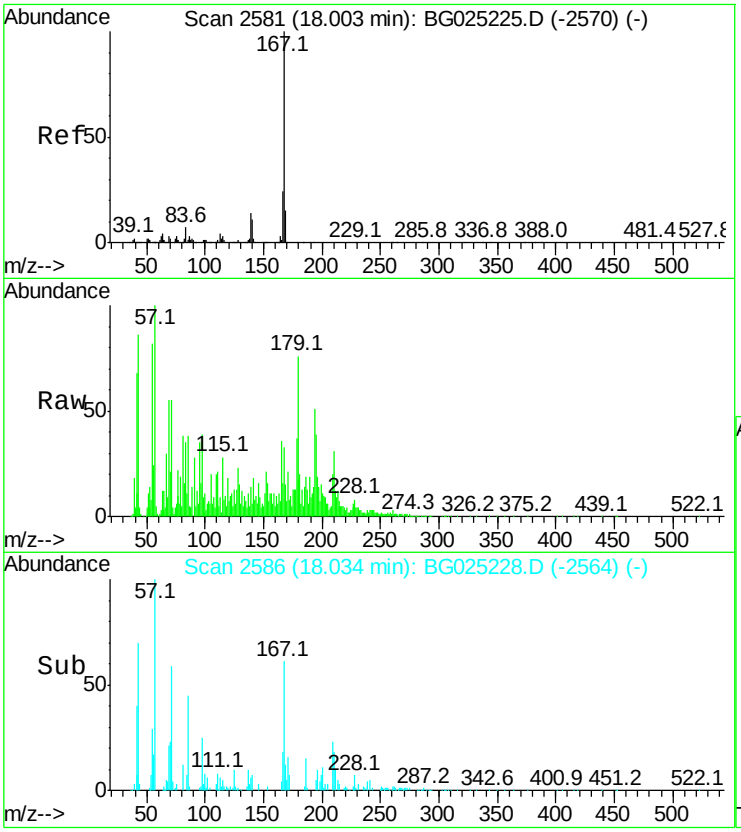


#71
Anthracene
Concen: 10.61 ng/ul
RT: 17.76 min Scan# 2539
Delta R.T. 0.03 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:178 Resp: 259591

Ion	Ratio	Lower	Upper
178	100		
179	35.3	12.6	19.0#
176	25.3	15.9	23.9#



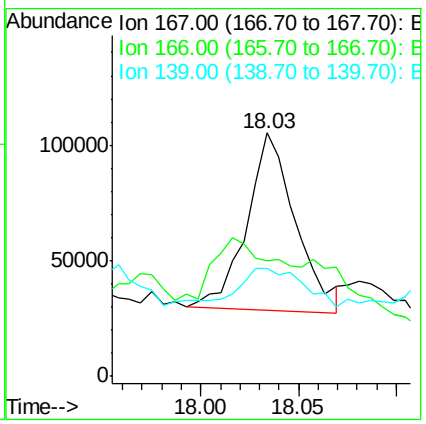


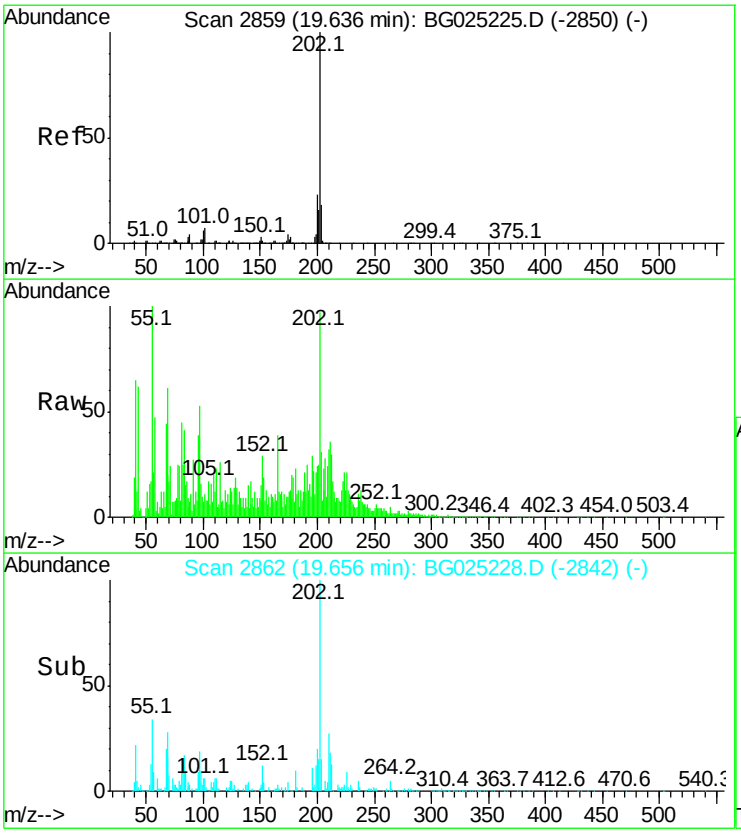
#72
Carbazole
Concen: 6.49 ng/ul
RT: 18.03 min Scan# 2586
Delta R.T. 0.03 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 132595

Ion	Ratio	Lower	Upper
167	100		
166	47.7	17.9	26.9#
139	44.1	10.5	15.7#

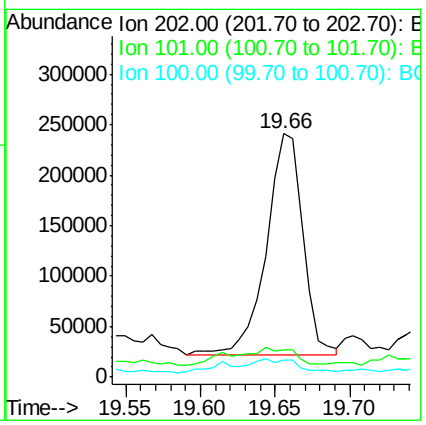


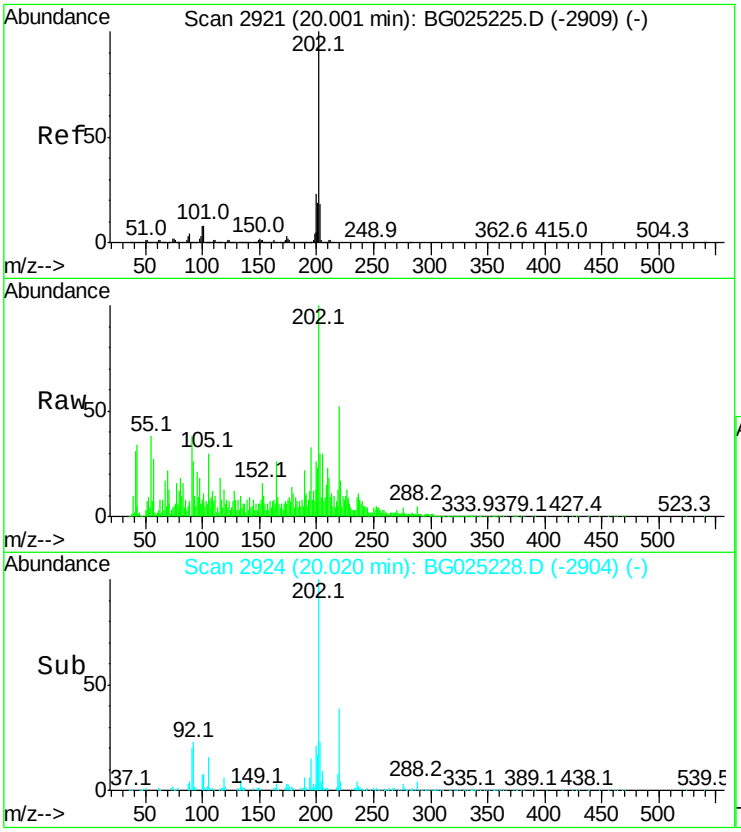


#74
Fluoranthene
Concen: 13.19 ng/ul
RT: 19.66 min Scan# 2862
Delta R.T. 0.02 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:202 Resp: 373190

Ion	Ratio	Lower	Upper
202	100		
101	11.5	6.2	9.2#
100	6.7	5.2	7.8



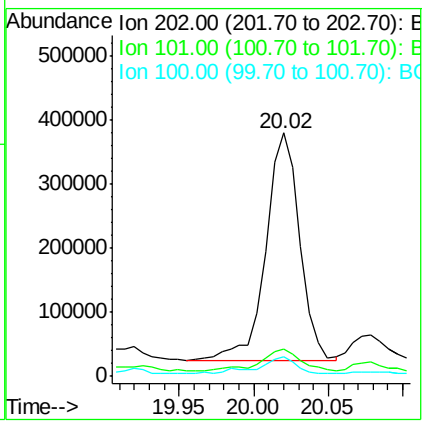


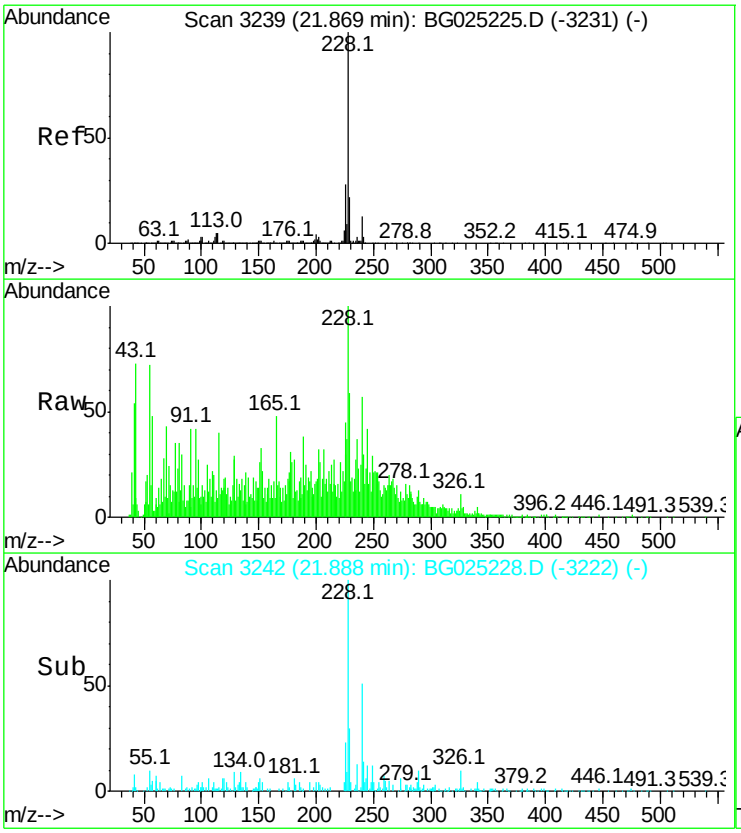
#77
Pyrene
Concen: 18.78 ng/ul
RT: 20.02 min Scan# 2924
Delta R.T. 0.02 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 555127

Ion	Ratio	Lower	Upper
202	100		
101	11.4	6.9	10.3#
100	8.0	6.6	10.0

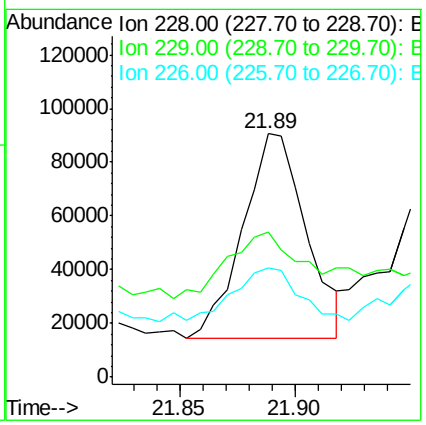


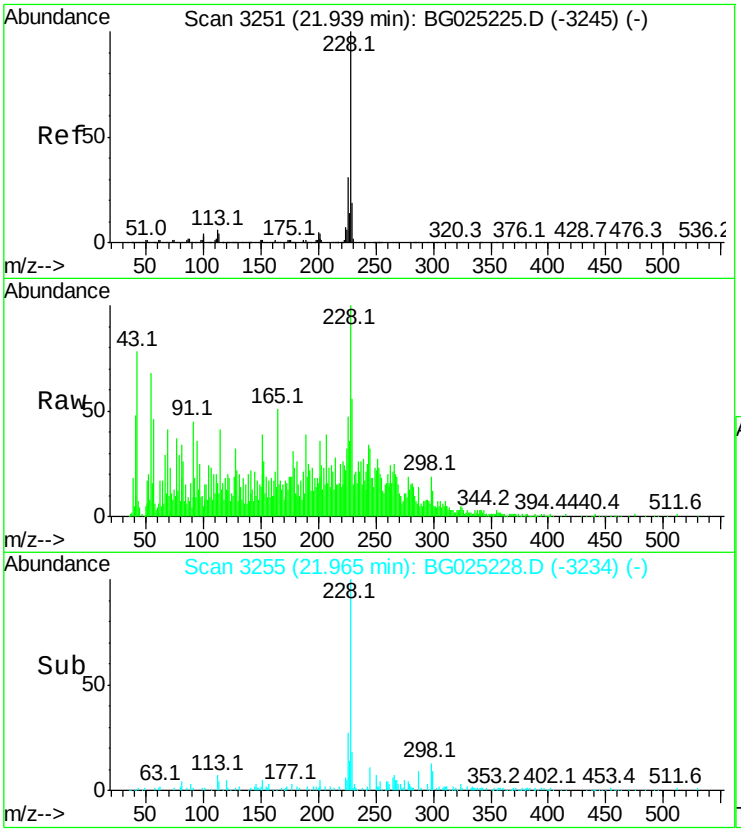


#80
Benzo(a)anthracene
Concen: 4.51 ng/ul
RT: 21.89 min Scan# 3242
Delta R.T. 0.02 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:228 Resp: 143964

Ion	Ratio	Lower	Upper
228	100		
229	59.4	16.3	24.5#
226	44.6	21.9	32.9#



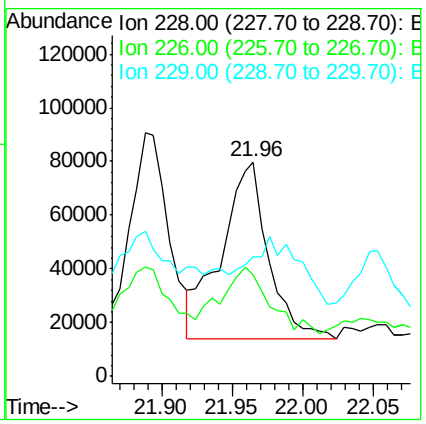


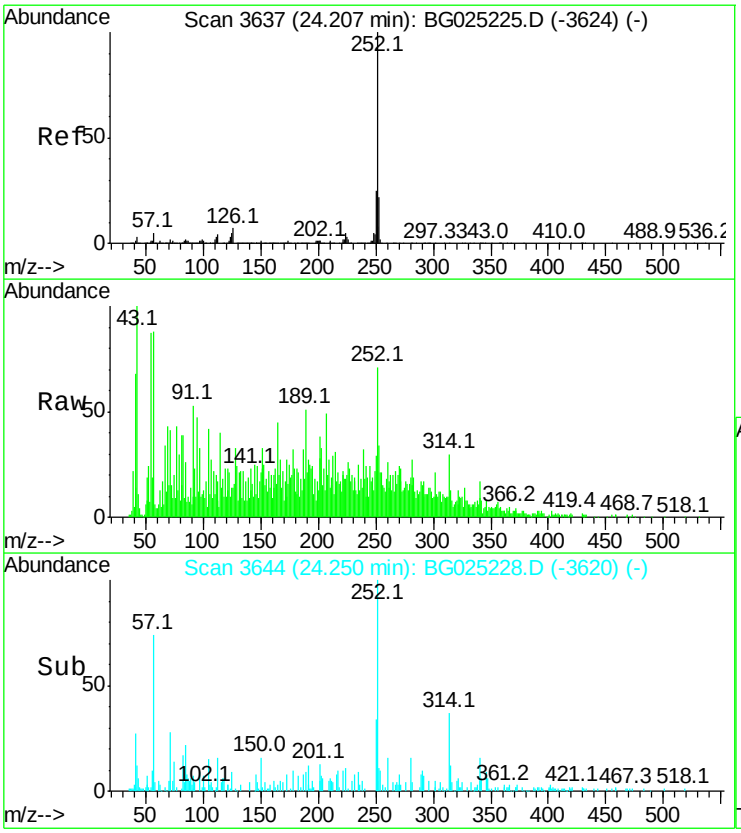
#82
Chrysene
Concen: 5.10 ng/ul
RT: 21.96 min Scan# 3255
Delta R.T. 0.03 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 152245

Ion	Ratio	Lower	Upper
228	100		
226	47.3	24.0	36.0#
229	55.5	16.9	25.3#

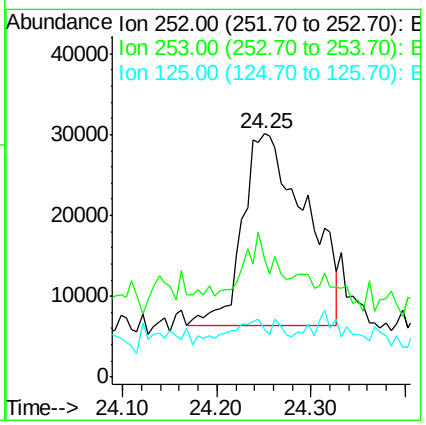


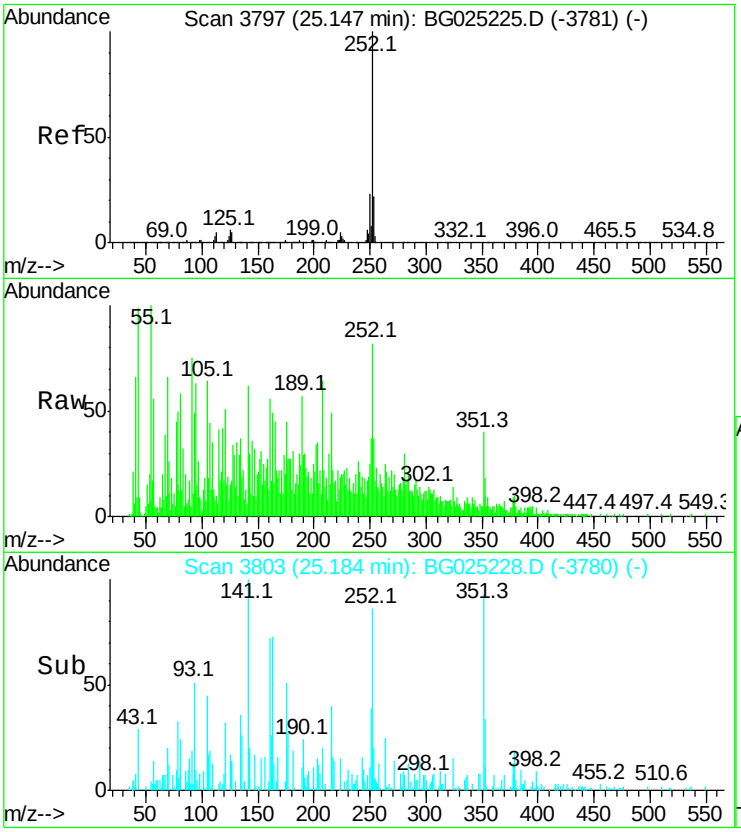


#85
Benzo(b)fluoranthene
Concen: 3.69 ng/ul
RT: 24.25 min Scan# 3644
Delta R.T. 0.04 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Tgt Ion:252 Resp: 110350

Ion	Ratio	Lower	Upper
252	100		
253	48.3	17.7	26.5#
125	19.7	4.0	6.0#





#88
Benzo(a)pyrene
Concen: 3.00 ng/ul
RT: 25.18 min Scan# 3803
Delta R.T. 0.04 min
Lab File: BG025228.D
Acq: 16 Dec 2016 1:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 86297

Ion	Ratio	Lower	Upper
252	100		
253	44.9	17.8	26.6#
125	18.3	5.4	8.0#