Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
Data File : BG024696.D
Acq On : 5 Nov 2016 4:22
Operator : UM/SJ
Sample : H5531-09MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0015MS

Quant Time: Nov 05 04:02:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	100043	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	393110	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	324627	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	713176	20.00	ng		0.00
75) Chrysene-d12	21.92	240	953910	20.00	ng		0.00
86) Perylene-d12	25.36	264	999116	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	349295	57.22	ng		0.00
7) Phenol-d6	7.40	99	305586	36.50	ng		0.00
23) Nitrobenzene-d5	9.44	82	851087	98.57	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	732609	151.06	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1740267	89.10	ng		0.00
78) Terphenyl-d14	20.21	244	2994836	93.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	36506	14.64	ng	#	88
3) Pyridine	4.07	79	84443	11.31	ng		91
4) n-Nitrosodimethylamine	3.98	42	69256	17.92	ng		96
6) Aniline	7.59	93	158449	14.94	ng	#	91
8) 2-Chlorophenol	7.83	128	239683	38.62	ng		93
9) Benzaldehyde	7.40	77	378274	73.11	ng	#	1
10) Phenol	7.43	94	125926	14.59	ng		92
11) bis(2-Chloroethyl)ether	7.67	93	301706	46.53	ng		97
12) 1,3-Dichlorobenzene	8.16	146	316708	41.22	ng		98
13) 1,4-Dichlorobenzene	8.30	146	319859	42.15	ng		99
14) 1,2-Dichlorobenzene	8.63	146	321510	44.07	ng		93
15) Benzyl Alcohol	8.50	79	216219	27.76	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	512926	42.64	ng		93
17) 2-Methylphenol	8.70	107	183789	32.14	ng		99
18) Hexachloroethane	9.37	117	272488	93.41	ng	#	1
19) n-Nitroso-di-n-propylamine	9.07	70	293207	47.52	ng		91
20) 3+4-Methylphenols	9.03	107	225260	29.34	ng		97
22) Acetophenone	9.09	105	487857	48.31	ng	#	89
24) Nitrobenzene	9.49	77	469743	48.90	ng		97
25) Isophorone	10.00	82	773947	48.19	ng		98
26) 2-Nitrophenol	10.20	139	174211	48.86	ng		96
27) 2,4-Dimethylphenol	10.24	122	450974	72.26	ng		90
28) bis(2-Chloroethoxy)methane	10.48	93	420963	50.66	ng		97
29) 2,4-Dichlorophenol	10.74	162	318136	48.56	ng		94
30) 1,2,4-Trichlorobenzene	10.95	180	348155	44.80	ng		99
31) Naphthalene	11.15	128	2540550	129.56	ng		95
32) Benzoic acid	10.35	122	68189	13.12	ng		95
33) 4-Chloroaniline	11.25	127	79770	9.37	ng		96
34) Hexachlorobutadiene	11.41	225	268363	44.12	ng		95
36) 4-Chloro-3-methylphenol	12.35	107	352454	44.57	ng		94
37) 2-Methylnaphthalene	12.73	142	1161157	81.15	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	473263	43.22	ng		98
40) Hexachlorocyclopentadiene	13.06	237	562646	91.25	ng		94
42) 2,4,6-Trichlorophenol	13.33	196	314883	47.84	ng		94

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Acq On : 5 Nov 2016 4:22
Operator : UM/SJ
Sample : H5531-09MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0015MS

Quant Time: Nov 05 04:02:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.40	196	344438	48.41	ng		96
45) 1,1'-Biphenyl	13.72	154	994926	44.17	ng		98
46) 2-Chloronaphthalene	13.77	162	779755	45.46	ng		98
47) 2-Nitroaniline	13.97	65	335532	47.77	ng		97
48) Acenaphthylene	14.61	152	1171866	44.55	ng		98
49) Dimethylphthalate	14.33	163	1185897	51.46	ng		99
50) 2,6-Dinitrotoluene	14.45	165	245660	49.93	ng		93
51) Acenaphthene	14.95	154	774454	39.49	ng		96
52) 3-Nitroaniline	14.80	138	65530	12.87	ng	#	93
53) 2,4-Dinitrophenol	14.99	184	327392	91.83	ng		97
54) Dibenzofuran	15.28	168	1281884	47.28	ng		96
55) 4-Nitrophenol	15.09	139	145672	32.84	ng		91
56) 2,4-Dinitrotoluene	15.24	165	368704	51.57	ng	#	95
57) Fluorene	15.93	166	1047465	46.59	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	381657	51.74	ng		94
59) Diethylphthalate	15.68	149	1146798	47.46	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	593801	47.07	ng		98
61) 4-Nitroaniline	15.95	138	219378	39.44	ng		88
62) Azobenzene	16.20	77	1128107	46.81	ng		98
64) 4,6-Dinitro-2-methylphenol	16.00	198	233708	47.56	ng		89
65) n-Nitrosodiphenylamine	16.13	169	993979	50.98	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	439275	50.74	ng		97
67) Hexachlorobenzene	16.92	284	473562	49.50	ng		90
68) Atrazine	17.07	200	442294	52.89	ng		98
69) Pentachlorophenol	17.27	266	664823	105.32	ng		97
70) Phenanthrene	17.67	178	1808540	49.75	ng		98
71) Anthracene	17.76	178	1849421	50.43	ng		98
72) Carbazole	18.03	167	1632929	48.82	ng		98
73) Di-n-butylphthalate	18.56	149	1909782	49.52	ng		99
74) Fluoranthene	19.66	202	2262668	49.24	ng		97
77) Pyrene	20.02	202	2287832	49.06	ng		98
79) Butylbenzylphthalate	20.88	149	976046	50.21	ng		99
80) Benzo(a)anthracene	21.90	228	2548188	48.63	ng		99
81) 3,3'-Dichlorobenzidine	21.80	252	308253	14.58	ng	#	95
82) Chrysene	21.97	228	2364400	47.37	ng		98
83) Bis(2-ethylhexyl)phthalate	21.76	149	1353408	48.67	ng		100
84) Di-n-octyl phthalate	23.04	149	2312931	50.12	ng		95
85) Indeno(1,2,3-cd)pyrene	29.30	276	3287524	47.72	ng	#	95
87) Benzo(b)fluoranthene	24.25	252	2631654	48.73	ng		98
88) Benzo(k)fluoranthene	24.33	252	2582404	49.51	ng		97
89) Benzo(a)pyrene	25.19	252	2582479	48.94	ng		98
90) Dibenzo(a,h)anthracene	29.37	278	2752500	47.52	ng		98
91) Benzo(g,h,i)perylene	30.55	276	2719141	46.99	ng		96

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

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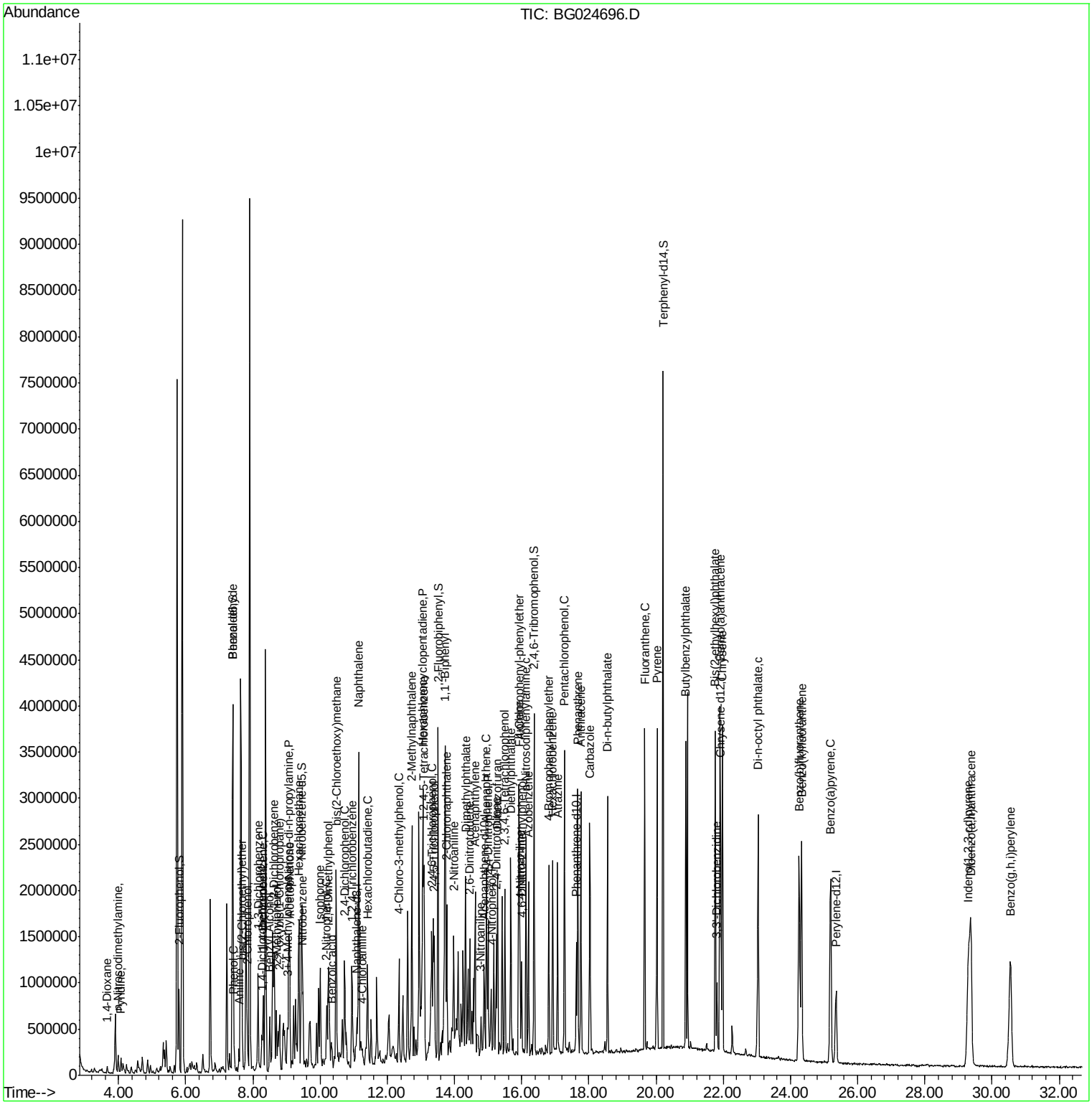
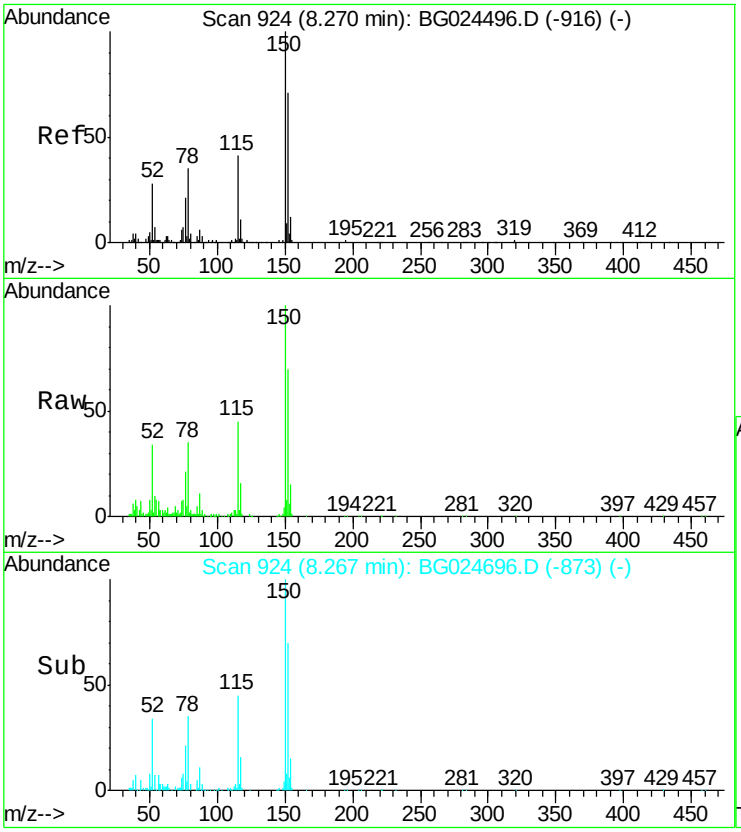
Data File : BG024696.D
Acq On : 5 Nov 2016 4:22
Operator : UM/SJ
Sample : H5531-09MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S22-0015MS

Quant Time: Nov 05 04:02:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration



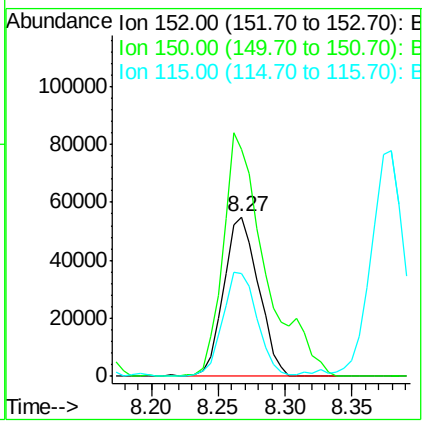


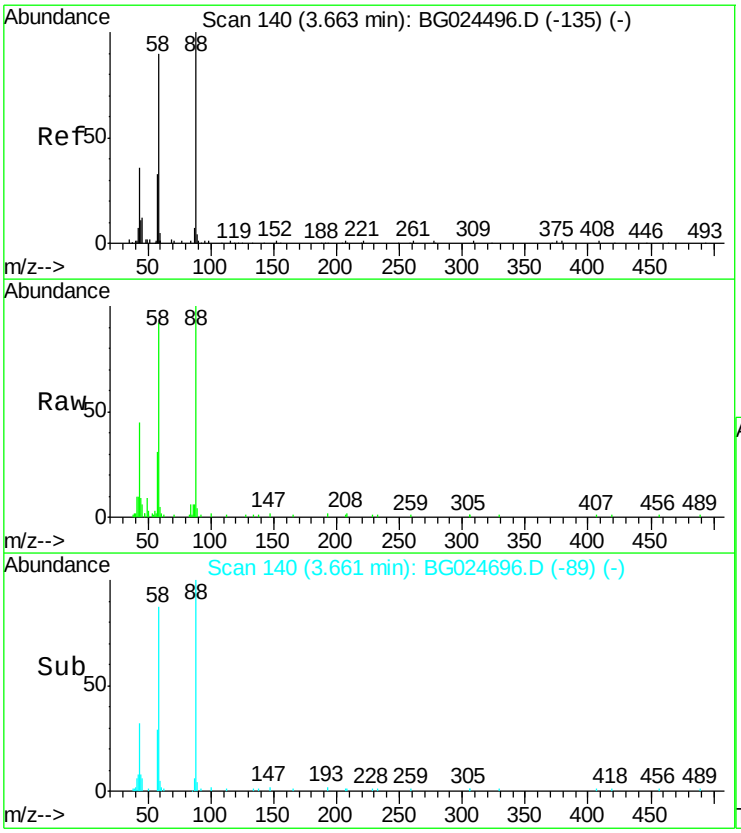
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Instrument :
BNA_G
ClientSampleId :
S22-0015MS

Tgt Ion:152 Resp: 100043

Ion	Ratio	Lower	Upper
152	100		
150	142.6	114.0	171.0
115	64.4	48.1	72.1

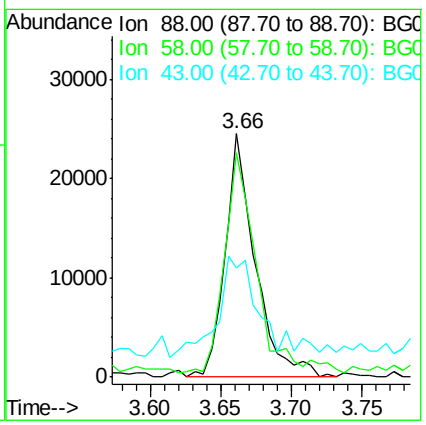


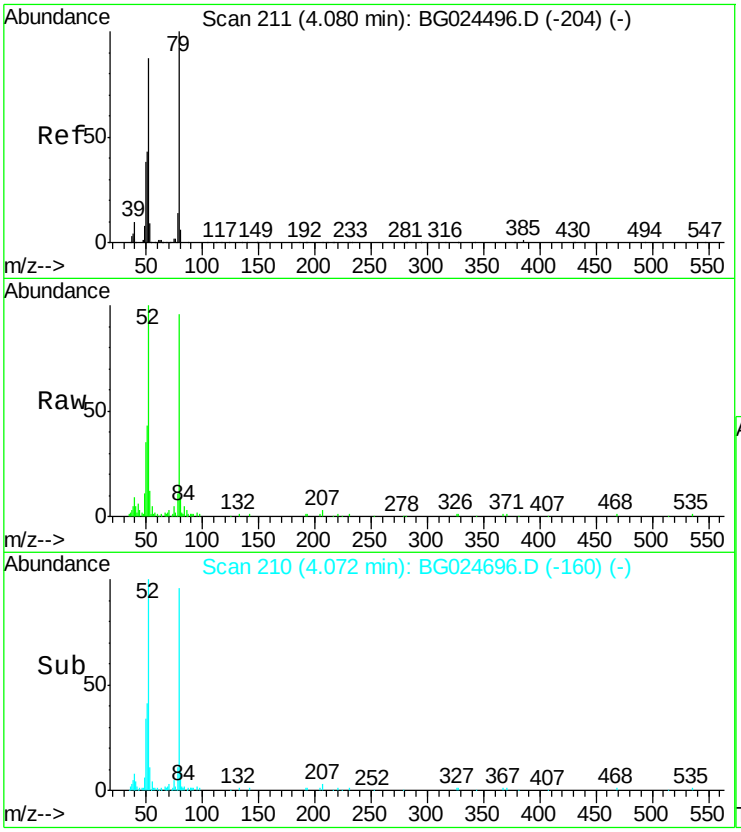


#2
1,4-Dioxane
Concen: 14.64 ng
RT: 3.66 min Scan# 140
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion: 88 Resp: 36506

Ion	Ratio	Lower	Upper
88	100		
58	92.9	79.4	119.2
43	58.7	33.8	50.6#



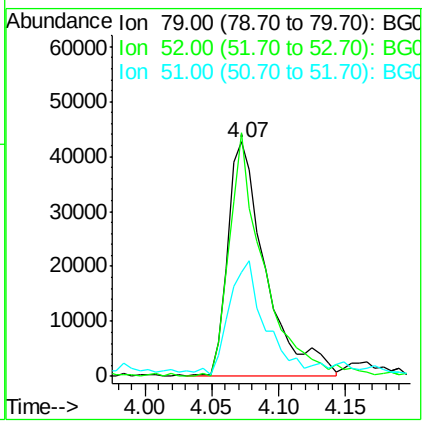


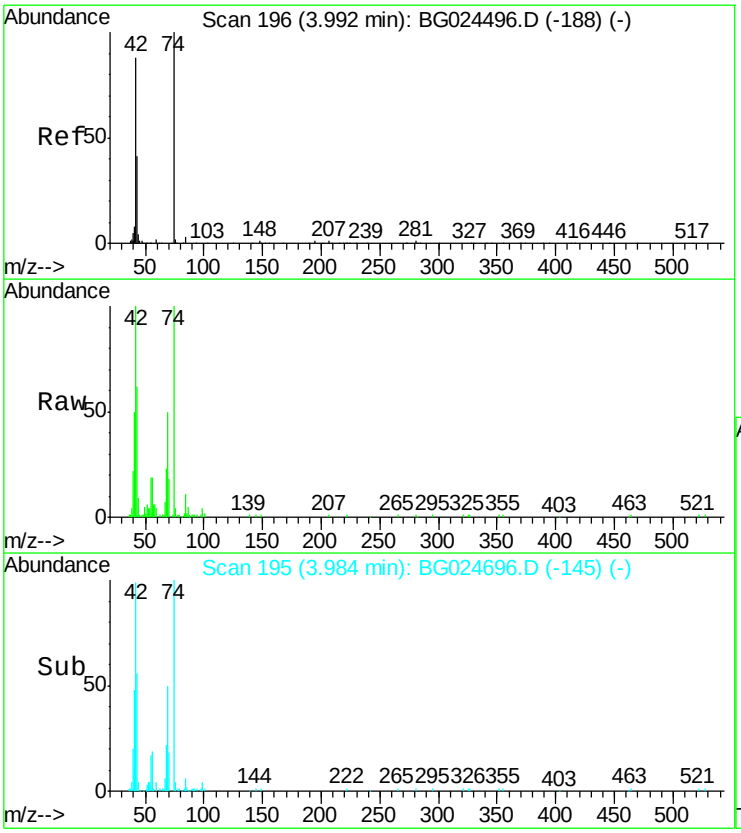
#3
Pyridine
Concen: 11.31 ng
RT: 4.07 min Scan# 210
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Instrument :
BNA_G
ClientSampleId :
S22-0015MS

Tgt Ion: 79 Resp: 84443

Ion	Ratio	Lower	Upper
79	100		
52	104.0	77.8	116.6
51	44.5	43.2	64.8

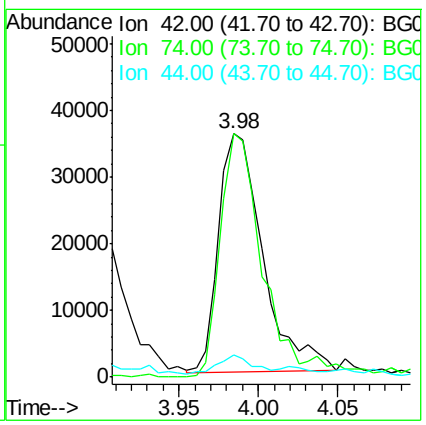


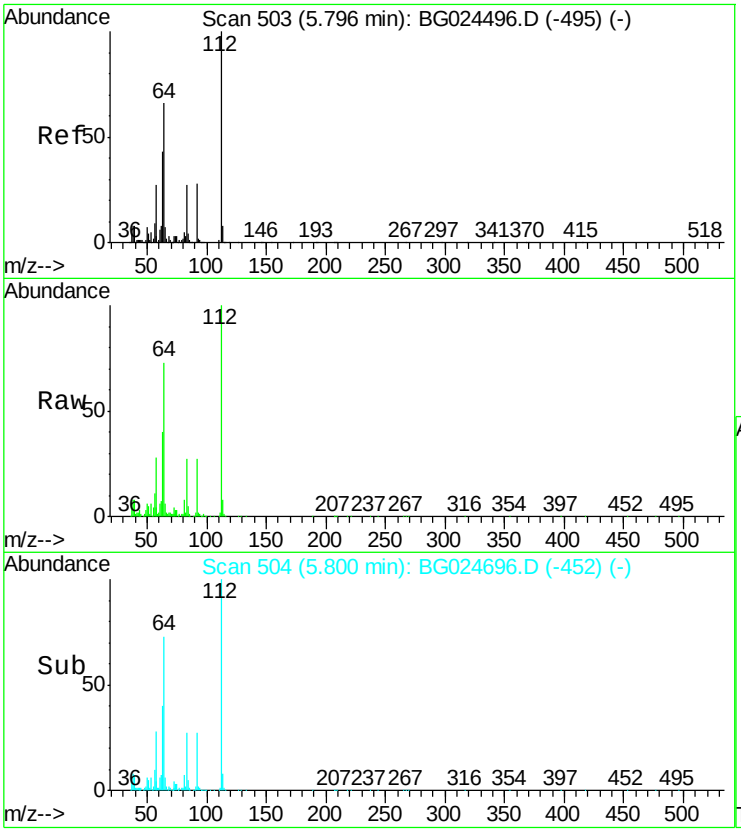


#4
n-Nitrosodimethylamine
Concen: 17.92 ng
RT: 3.98 min Scan# 195
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion: 42 Resp: 69256

Ion	Ratio	Lower	Upper
42	100		
74	99.9	76.7	115.1
44	9.1	6.1	9.1



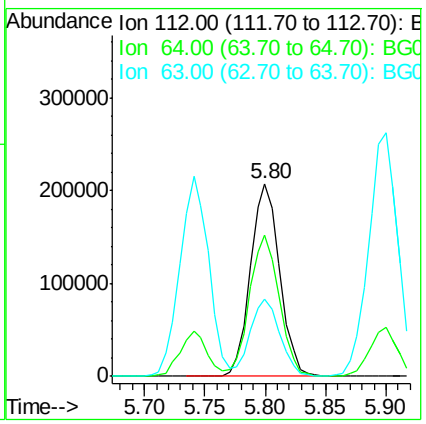


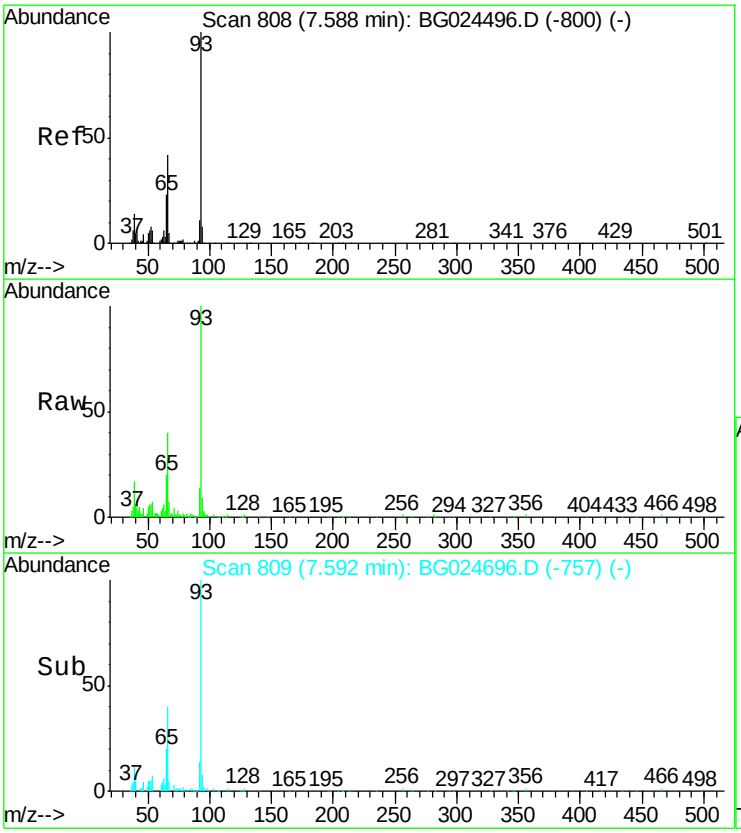
#5
2-Fluorophenol
Concen: 57.22 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Instrument :
BNA_G
ClientSampleId :
S22-0015MS

Tgt Ion:112 Resp: 349295

Ion	Ratio	Lower	Upper
112	100		
64	73.3	61.8	92.6
63	39.8	37.2	55.8

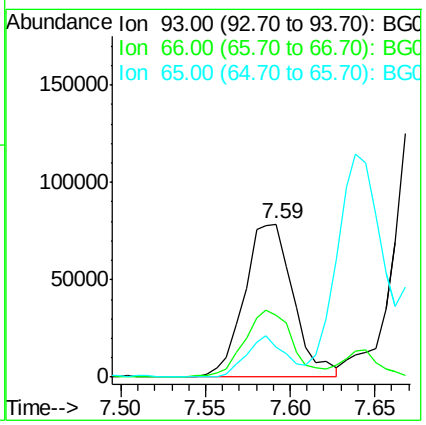


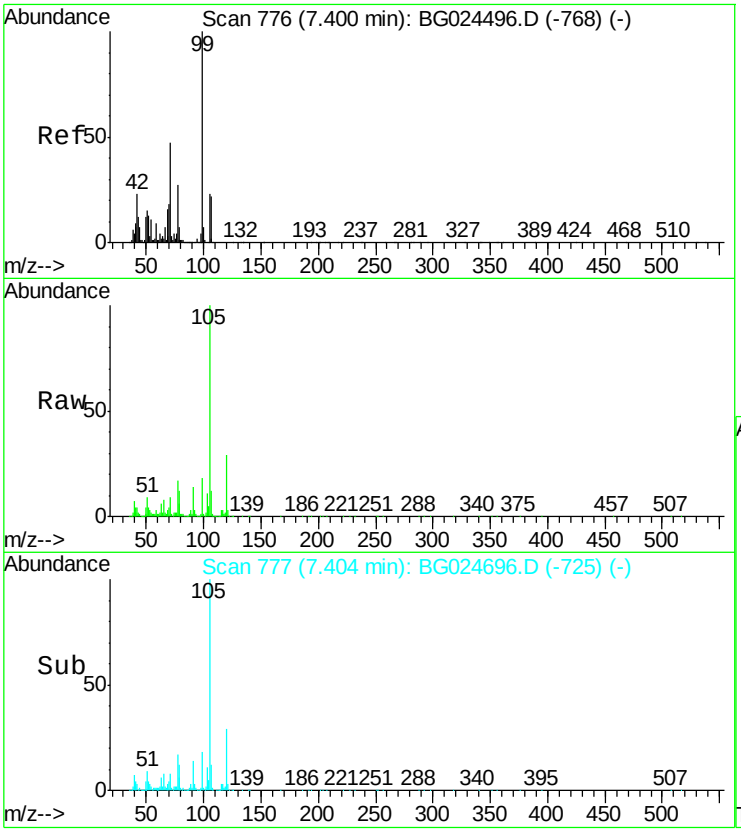


#6
Aniline
Concen: 14.94 ng
RT: 7.59 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion: 93 Resp: 158449

Ion	Ratio	Lower	Upper
93	100		
66	40.4	35.4	53.2
65	19.8	21.2	31.8#



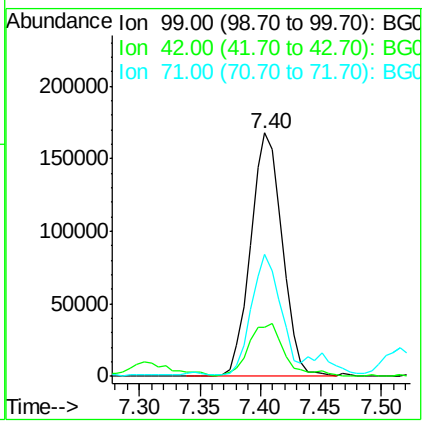


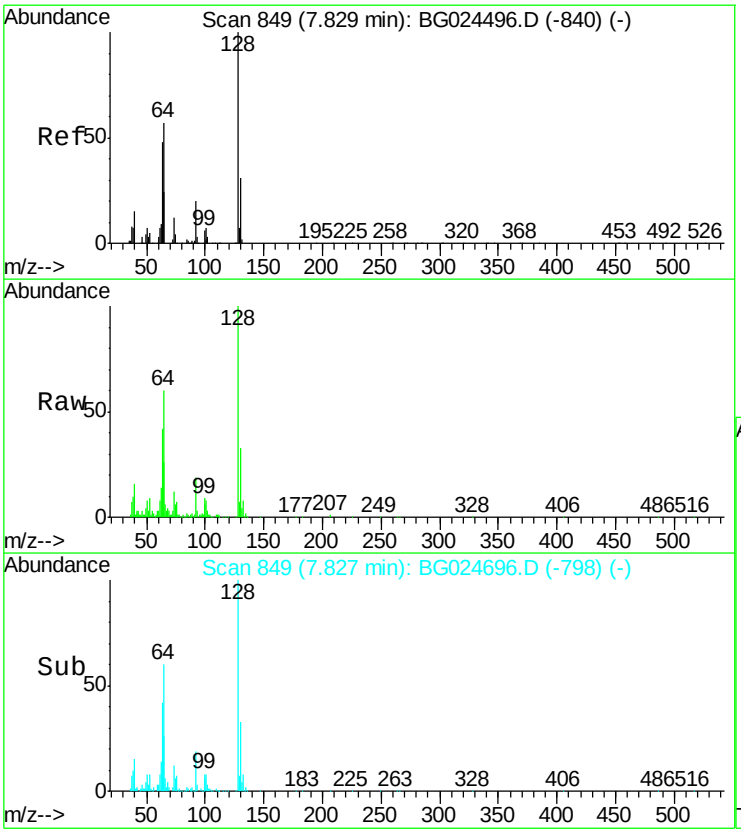
#7
Phenol-d6
Concen: 36.50 ng
RT: 7.40 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Instrument :
BNA_G
ClientSampleId :
S22-0015MS

Tgt Ion: 99 Resp: 305586

Ion	Ratio	Lower	Upper
99	100		
42	20.1	20.5	30.7#
71	49.9	37.6	56.4

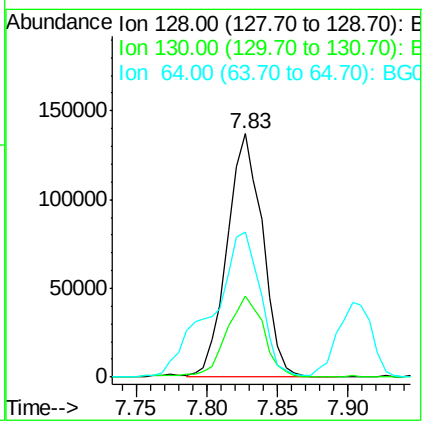


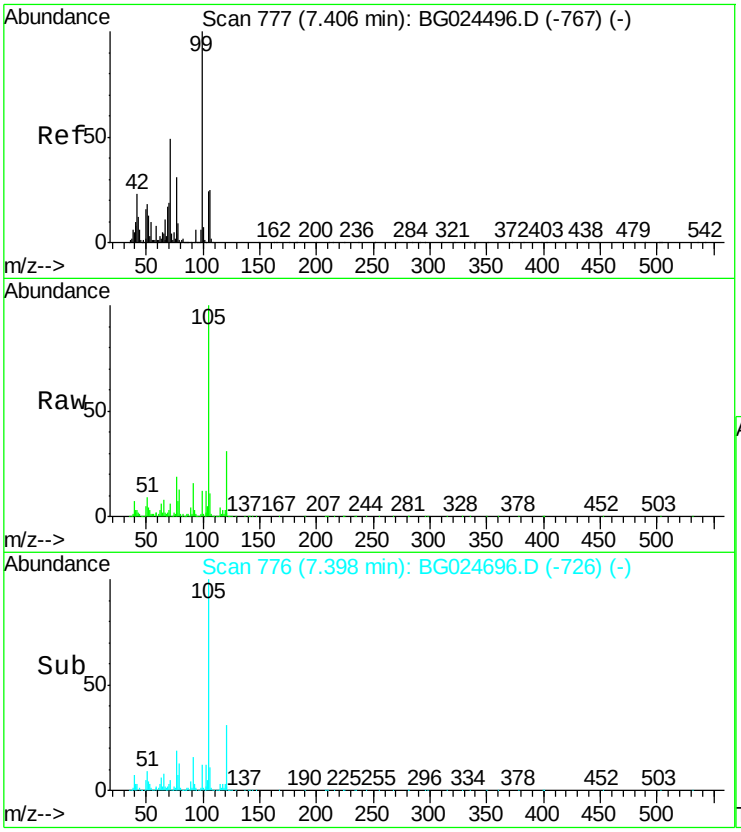


#8
2-Chlorophenol
Concen: 38.62 ng
RT: 7.83 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion:128 Resp: 239683

Ion	Ratio	Lower	Upper
128	100		
130	33.4	11.4	51.4
64	59.7	46.6	86.6



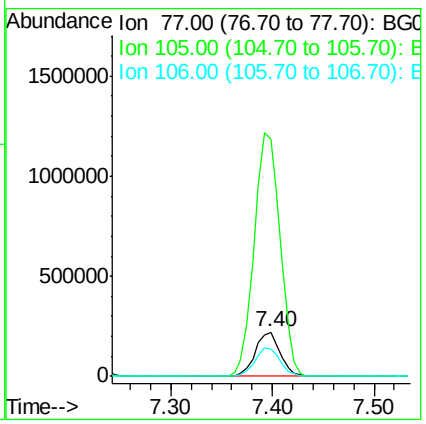


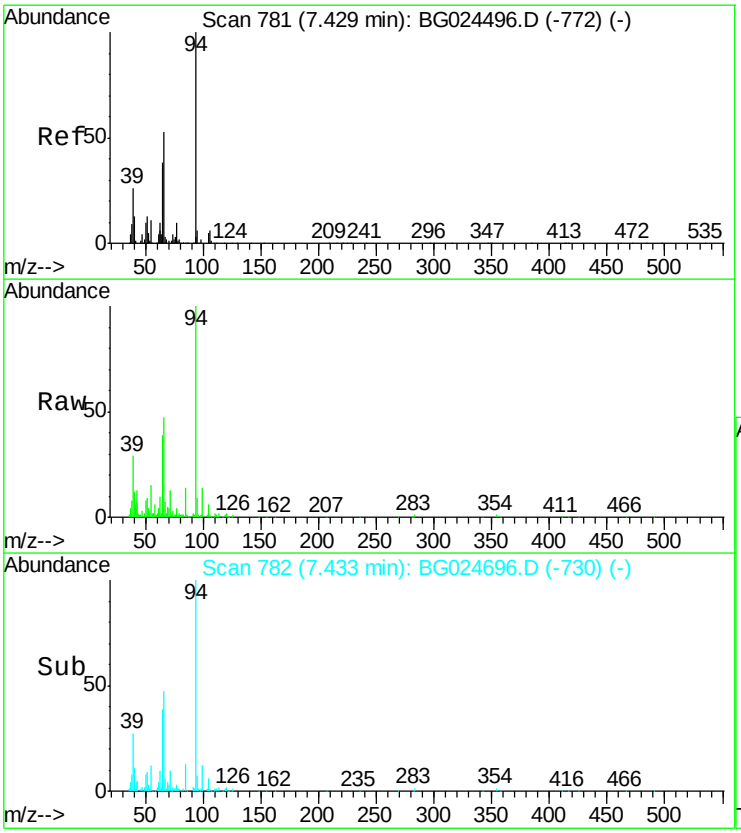
#9
Benzaldehyde
Concen: 73.11 ng
RT: 7.40 min Scan# 776
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Instrument :
BNA_G
ClientSampleId :
S22-0015MS

Tgt Ion: 77 Resp: 378274

Ion	Ratio	Lower	Upper
77	100		
105	532.2	60.9	100.9#
106	60.0	55.1	95.1





#10
Phenol
Concen: 14.59 ng
RT: 7.43 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion: 94 Resp: 125926

Ion	Ratio	Lower	Upper
94	100		
65	39.3	20.6	60.6
66	46.8	35.5	75.5