Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
Data File : BG021558.D
Acq On : 29 Mar 2016 18:57
Operator : UM/SJ
Sample : H1935-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD3

Quant Time: Mar 30 01:36:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 30 01:34:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	109	20.00	ng/ul	-0.06
18) Naphthalene-d8	10.77	136	283	20.00	ng/ul	-0.09
36) Acenaphthene-d10	14.67	164	30722	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	76010	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	86123	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	83717	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	209	86.03	ng/uL	0.01
5) Phenol-d5	7.35	99	5599	543.33	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.40	67	10575	1732.25	ng/ul	0.02
9) 2-Chlorophenol-d4	7.65	132	19873	2539.38	ng/ul	0.02
13) 4-Methylphenol-d8	8.86	113	11984	1357.77	ng/ul	0.02
19) Nitrobenzene-d5	9.24	128	13116	6177.39	ng/ul	0.01
22) 2-Nitrophenol-d4	9.95	143	14486	5968.84	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.59	165	22851	5267.15	ng/ul	0.02
29) 4-Chloroaniline-d4	10.92	131	263	46.37	ng/ul	-0.09
44) Dimethylphthalate-d6	14.07	166	84832	33.16	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	104619	33.18	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	1221	2.99	ng/ul	0.00
58) Fluorene-d10	15.66	176	76016	32.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	15845	31.55	ng/ul	0.00
71) Anthracene-d10	17.51	188	123921	33.27	ng/ul	0.00
79) Pyrene-d10	19.79	212	144986	36.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	146769	37.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	196	59.74	ng/uL#	75
4) Benzaldehyde	7.24	77	383	61.00	ng/ul	91
6) Phenol	7.38	94	5983	549.12	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.53	93	119	15.09	ng/ul#	15
10) 2-Chlorophenol	7.67	128	16863	2096.51	ng/ul	91
11) 2-Methylphenol	8.55	108	142156	16955.23	ng/ul	97
14) Acetophenone	8.90	105	649	45.07	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.86	70	350	43.84	ng/ul#	1
17) Hexachloroethane	9.16	117	386	114.36	ng/ul#	85
20) Nitrobenzene	9.28	77	150039	25019.31	ng/ul	96
23) 2-Nitrophenol	9.99	139	5856	2185.79	ng/ul	89
27) 2,4-Dichlorophenol	10.61	162	3878	860.82	ng/ul#	85
28) Naphthalene	10.74	128	2027	135.09	ng/ul#	74
30) 4-Chloroaniline	11.00	127	662	111.21	ng/ul#	44
32) Caprolactam	11.68	113	2858	1689.12	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	22782	21.18	ng/ul	92
40) 2,4,5-Trichlorophenol	13.32	196	740	1.07	ng/ul#	72
53) 4-Nitrophenol	15.11	109	988	2.33	ng/ul#	73
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	79448	74.65	ng/uL	92

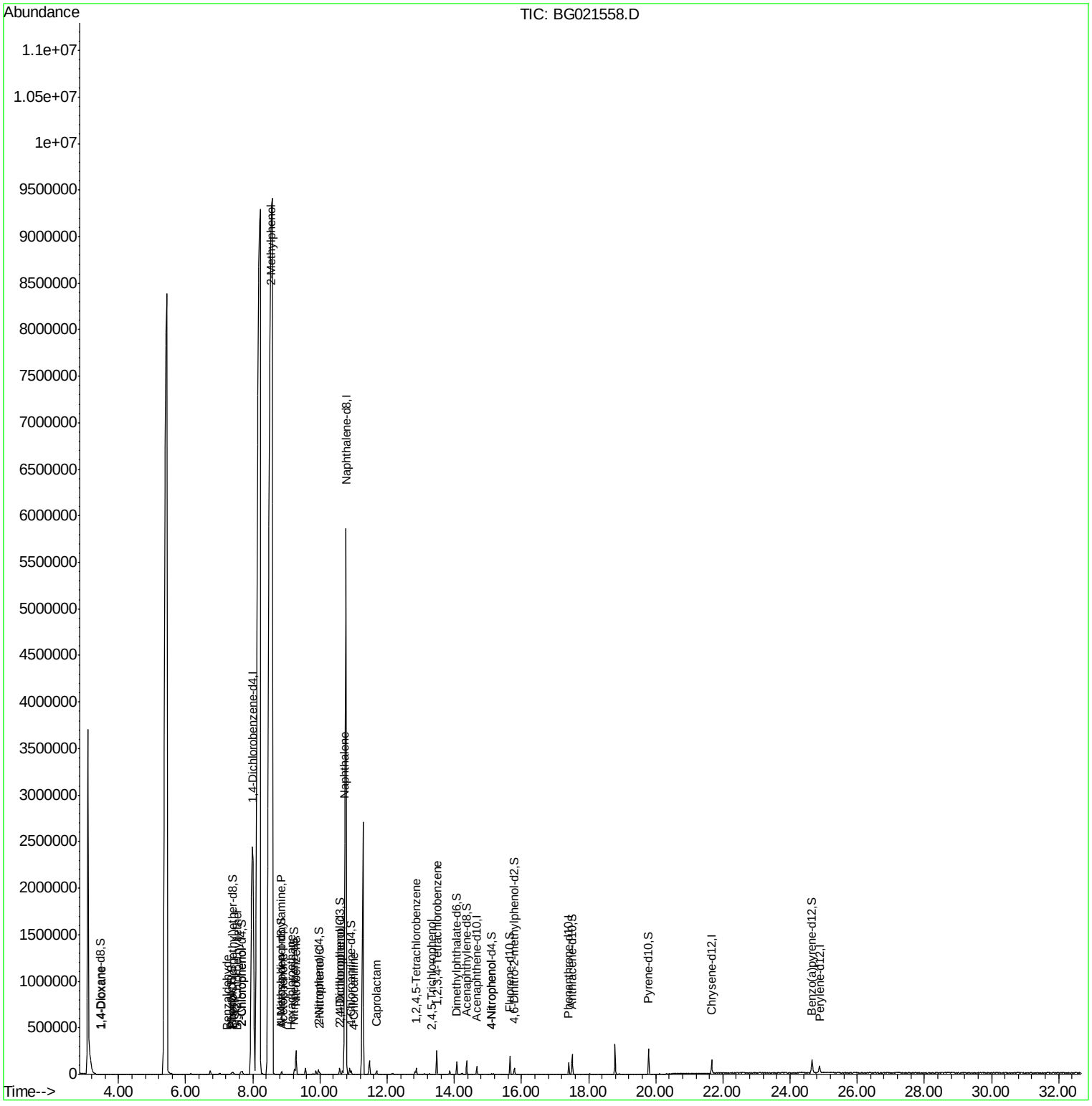
(#) = qualifier out of range (m) = manual integration (+) = signals summed

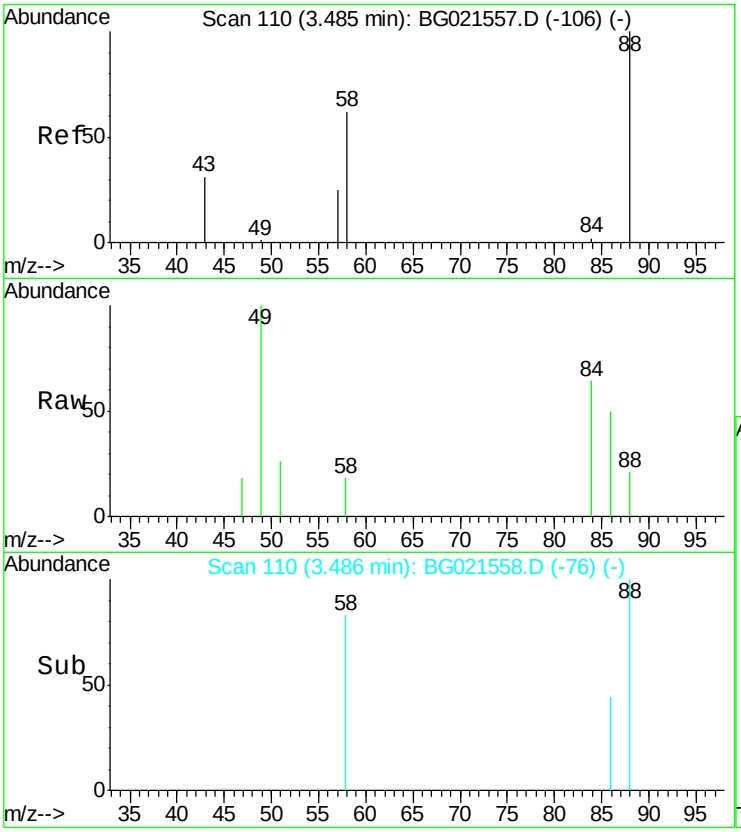
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
Data File : BG021558.D
Acq On : 29 Mar 2016 18:57
Operator : UM/SJ
Sample : H1935-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD3

Quant Time: Mar 30 01:36:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 30 01:34:35 2016
Response via : Initial Calibration



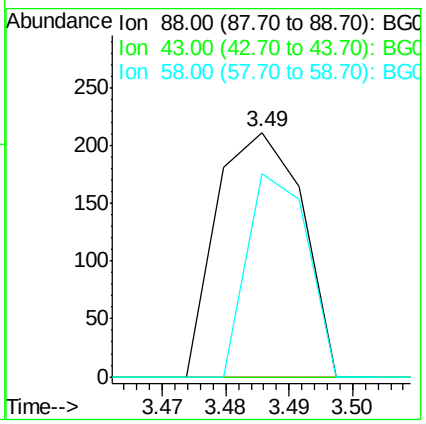


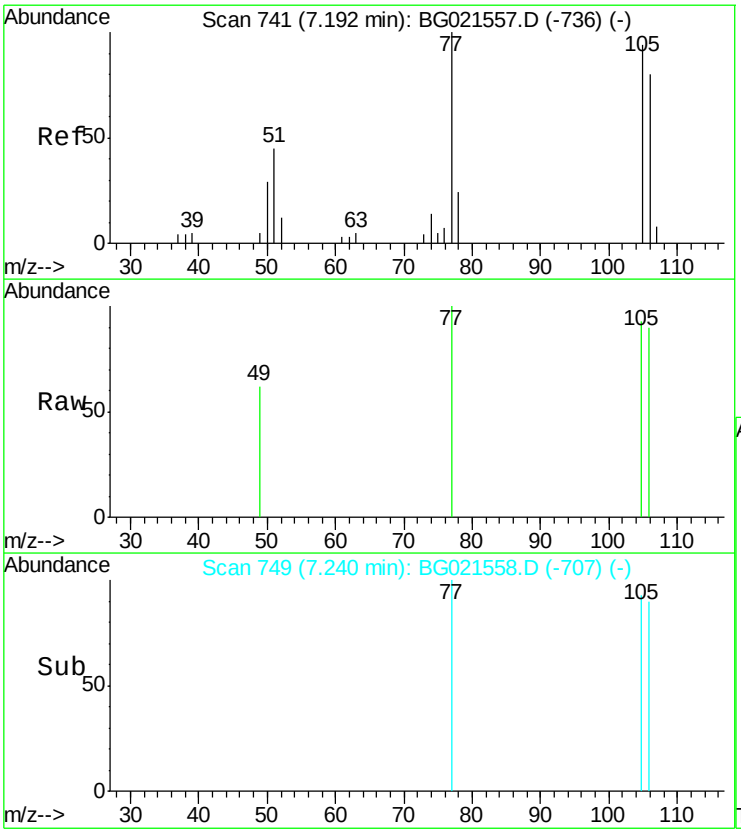
#2
1,4-Dioxane
Concen: 59.74 ng/uL
RT: 3.49 min Scan# 110
Delta R.T. 0.00 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Instrument :
BNA_G
ClientSampleId :
C0AD3

Tgt Ion: 88 Resp: 196

Ion	Ratio	Lower	Upper
88	100		
43	0.0	33.1	49.7#
58	82.9	64.1	96.1

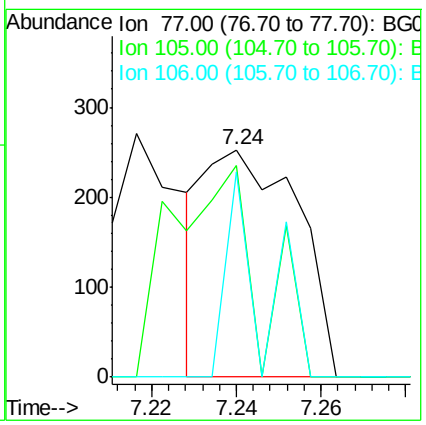


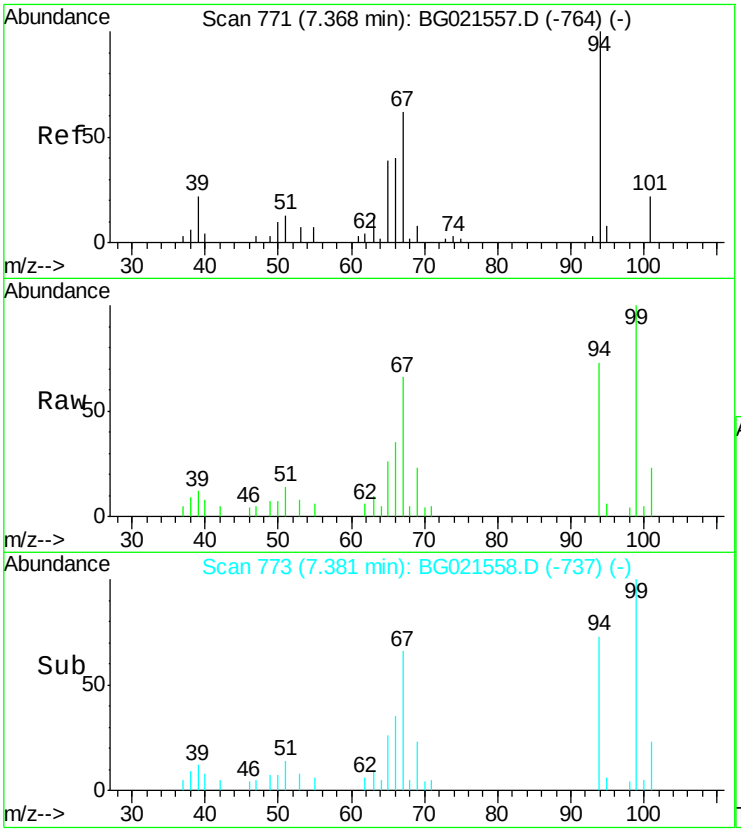


#4
Benzaldehyde
Concen: 61.00 ng/ul
RT: 7.24 min Scan# 749
Delta R.T. 0.05 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Tgt Ion: 77 Resp: 383

Ion	Ratio	Lower	Upper
77	100		
105	92.9	68.5	102.7
106	90.1	65.0	97.4



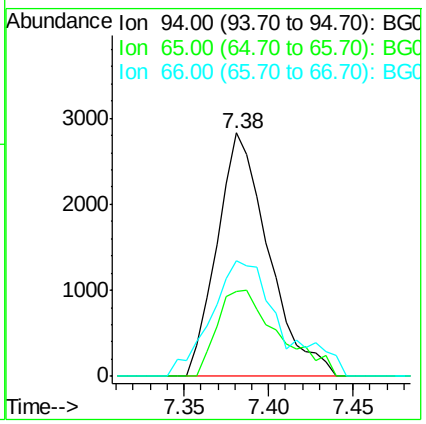


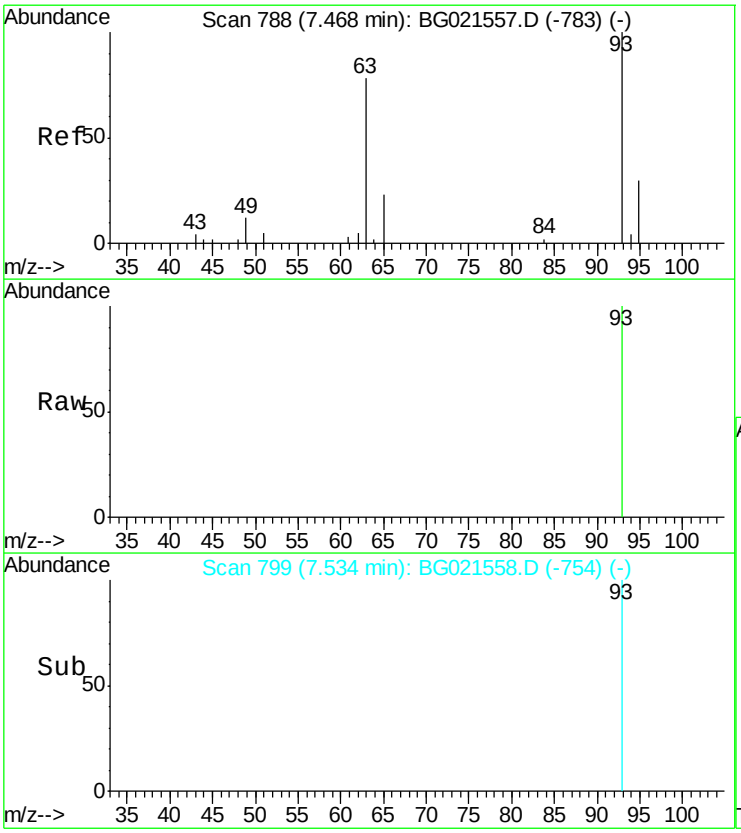
#6
Phenol
Concen: 549.12 ng/ul
RT: 7.38 min Scan# 773
Delta R.T. 0.01 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Instrument :
BNA_G
ClientSampleId :
C0AD3

Tgt Ion: 94 Resp: 5983

Ion	Ratio	Lower	Upper
94	100		
65	35.0	26.1	39.1
66	47.5	35.0	52.4

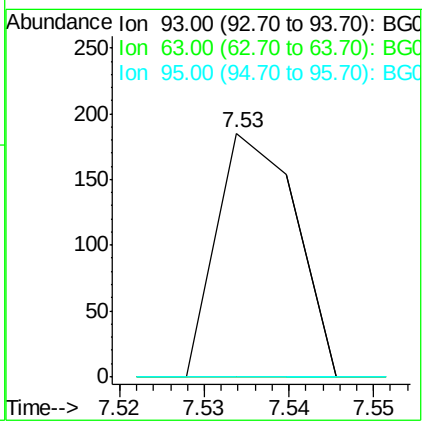


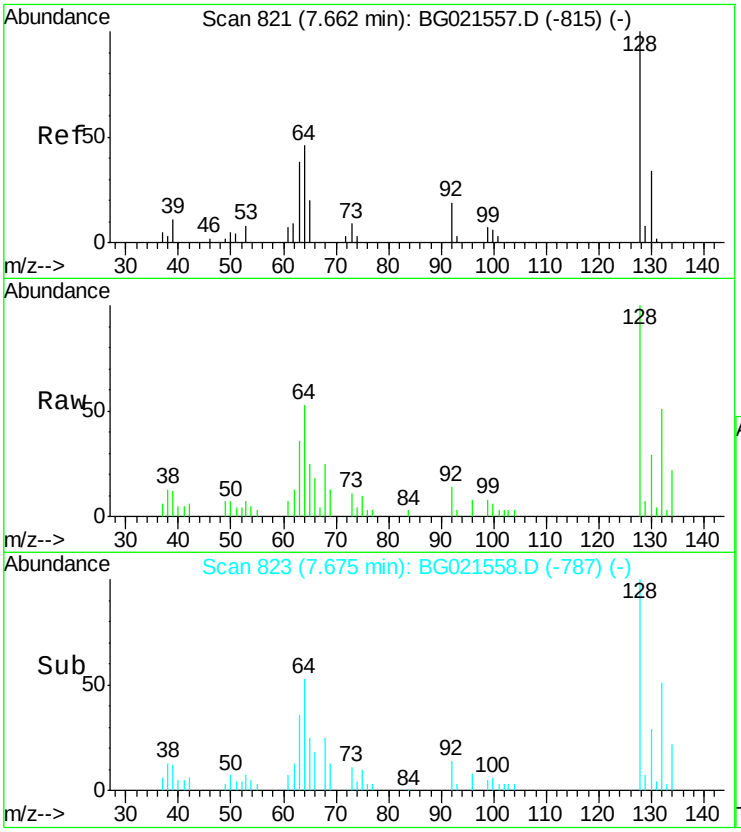


#8
Bis(2-Chloroethyl)ether
Concen: 15.09 ng/ul
RT: 7.53 min Scan# 799
Delta R.T. 0.07 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Tgt Ion: 93 Resp: 119

Ion	Ratio	Lower	Upper
93	100		
63	0.0	70.4	105.6#
95	0.0	28.5	42.7#



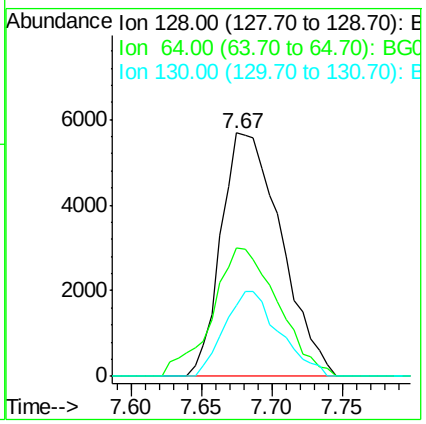


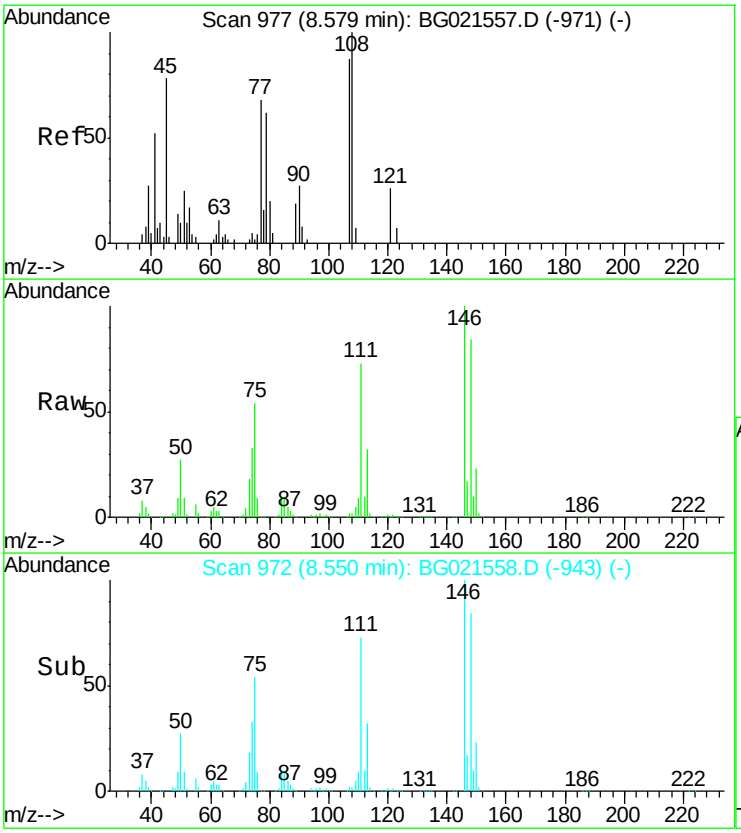
#10
2-Chlorophenol
Concen: 2096.51 ng/ul
RT: 7.67 min Scan# 823
Delta R.T. 0.01 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Instrument :
BNA_G
ClientSampleId :
C0AD3

Tgt Ion:128 Resp: 16863

Ion	Ratio	Lower	Upper
128	100		
64	52.5	47.0	70.6
130	29.1	27.8	41.6

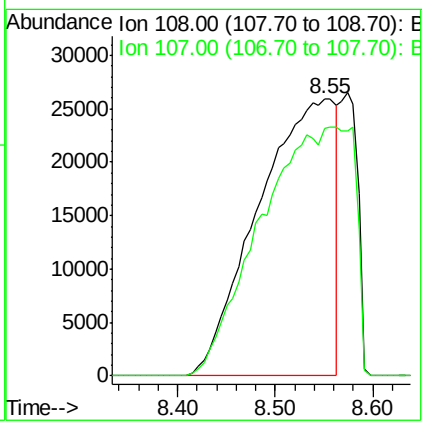


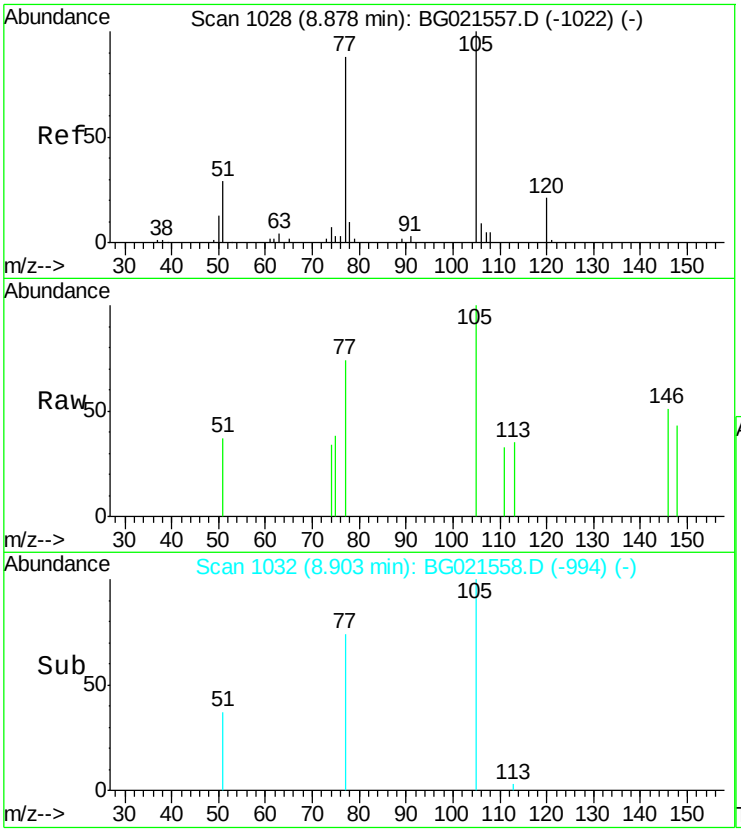


#11
2-Methylphenol
Concen: 16955.23 ng/ul
RT: 8.55 min Scan# 972
Delta R.T. -0.03 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Tgt Ion:108 Resp: 142156

Ion	Ratio	Lower	Upper
108	100		
107	89.2	73.4	110.0



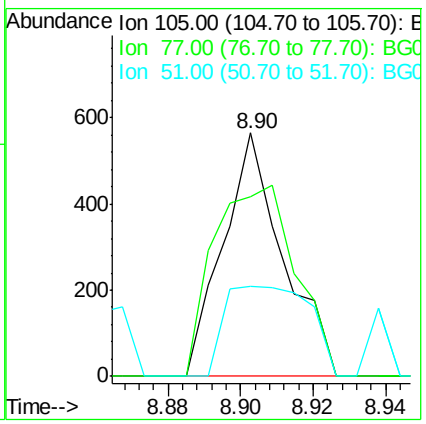


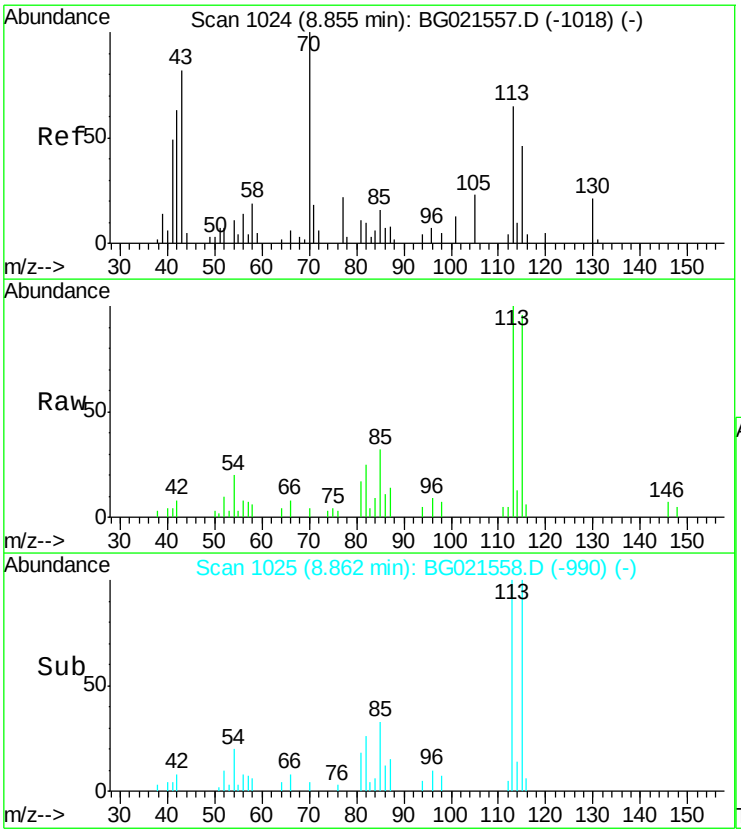
#14
Acetophenone
Concen: 45.07 ng/ul
RT: 8.90 min Scan# 1032
Delta R.T. 0.02 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Instrument :
BNA_G
ClientSampleId :
C0AD3

Tgt Ion:105 Resp: 649

Ion	Ratio	Lower	Upper
105	100		
77	73.6	76.3	114.5#
51	37.0	27.6	41.4

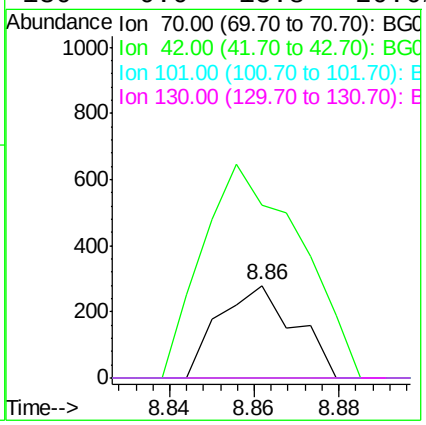


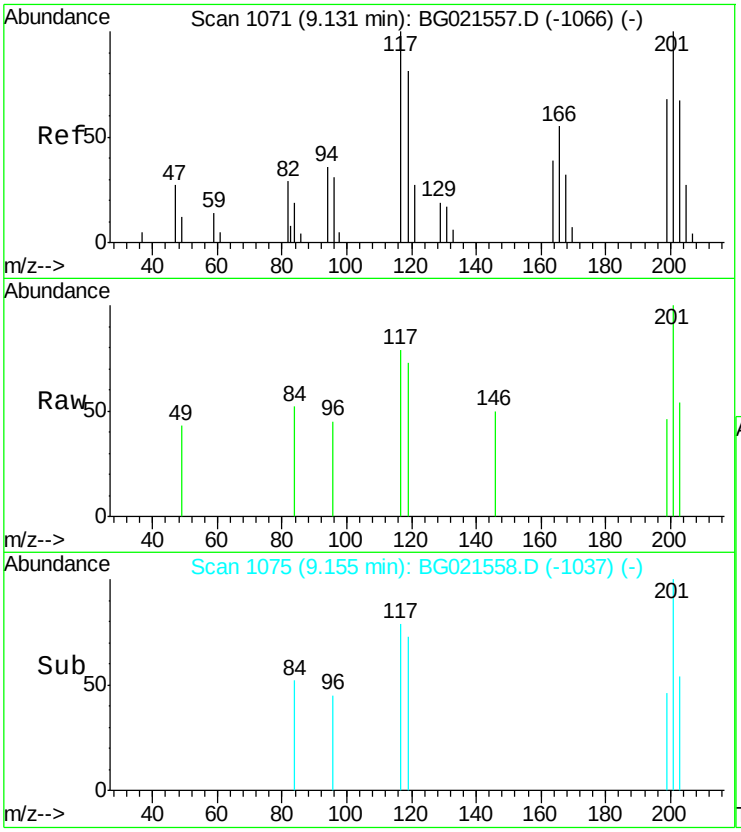


#15
N-Nitroso-di-n-propylamine
Concen: 43.84 ng/ul
RT: 8.86 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Tgt Ion: 70 Resp: 350

Ion	Ratio	Lower	Upper
70	100		
42	187.5	43.4	65.0#
101	0.0	6.5	9.7#
130	0.0	13.8	20.6#



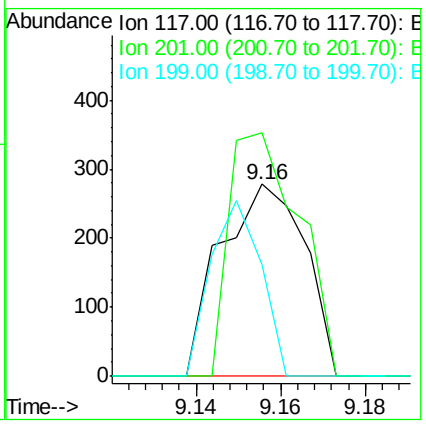


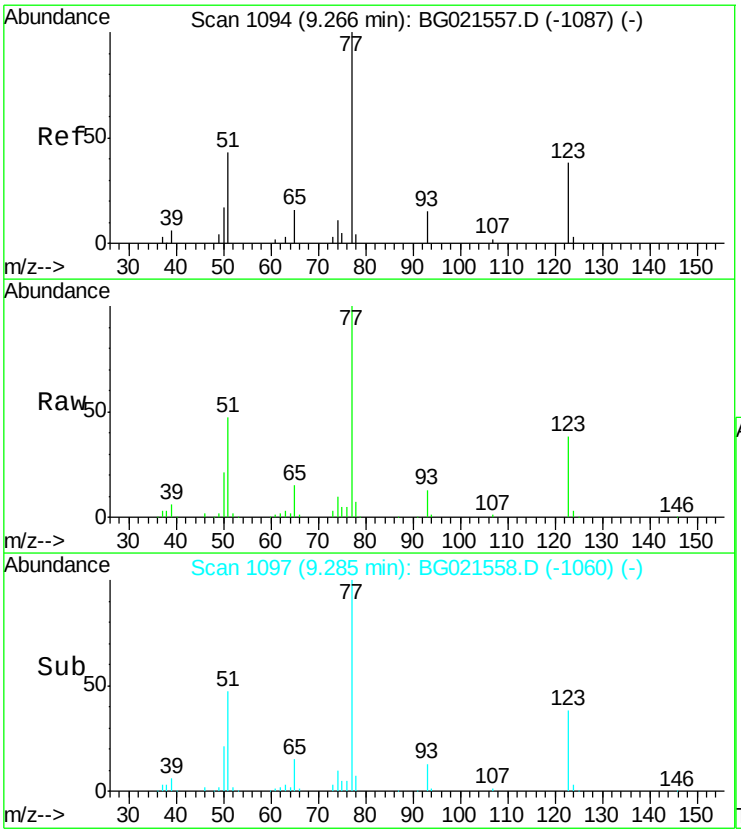
#17
Hexachloroethane
Concen: 114.36 ng/ul
RT: 9.16 min Scan# 1075
Delta R.T. 0.02 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Instrument :
BNA_G
ClientSampleId :
C0AD3

Tgt Ion:117 Resp: 386

Ion	Ratio	Lower	Upper
117	100		
201	127.0	83.5	125.3#
199	58.3	49.3	73.9

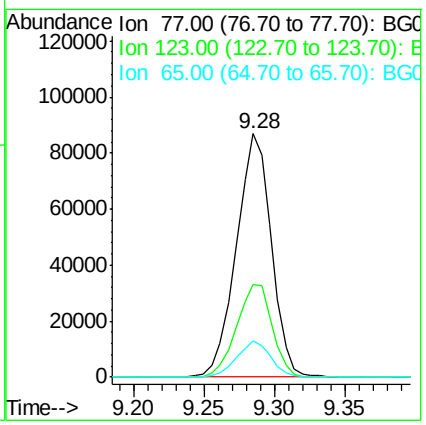


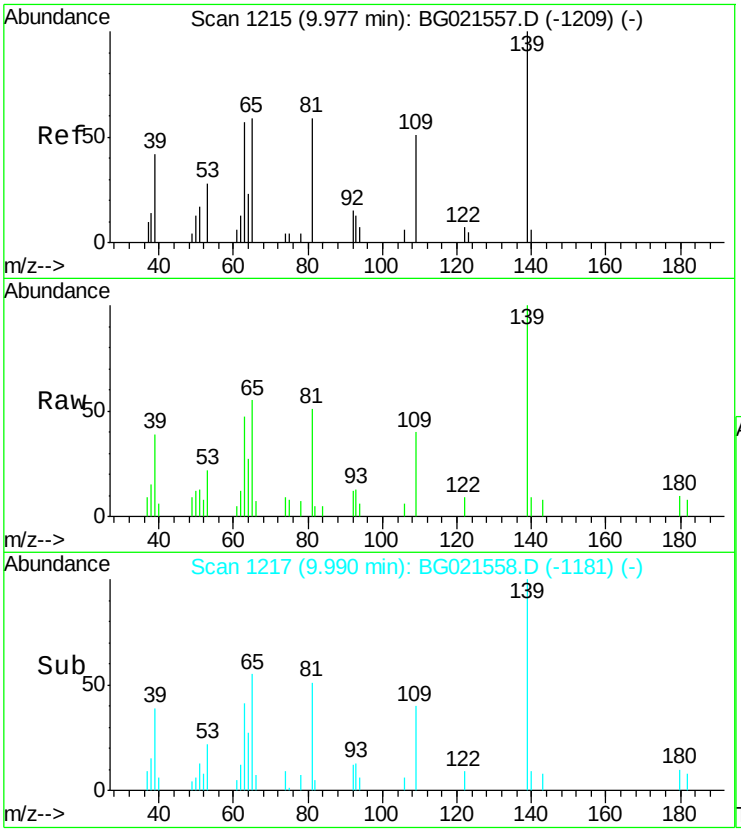


#20
Nitrobenzene
Concen: 25019.31 ng/ul
RT: 9.28 min Scan# 1097
Delta R.T. 0.02 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Tgt Ion: 77 Resp: 150039

Ion	Ratio	Lower	Upper
77	100		
123	37.8	28.4	42.6
65	15.0	11.0	16.6



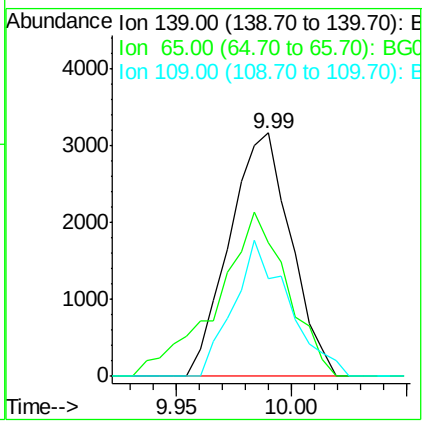


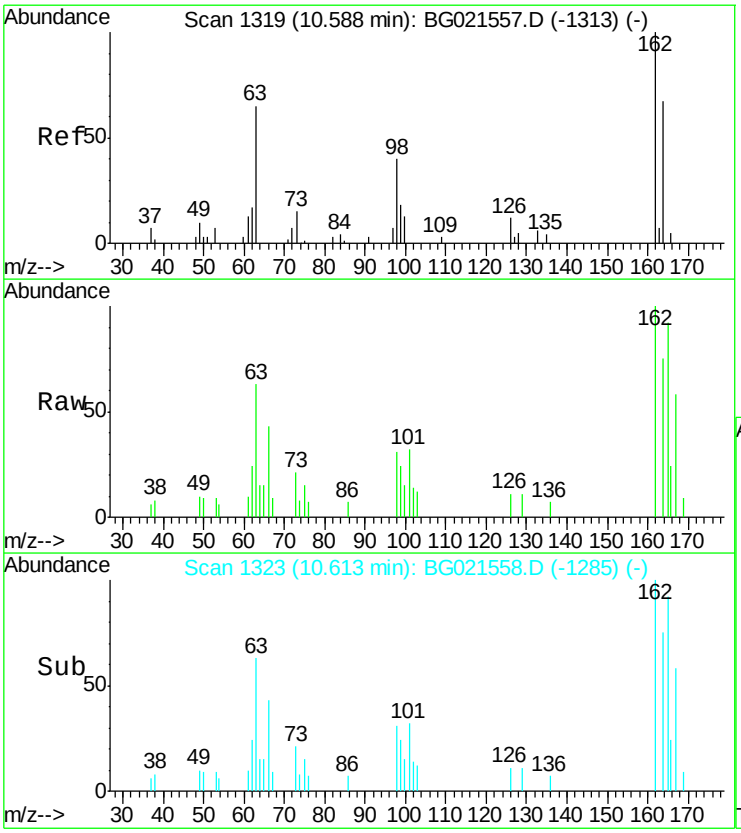
#23
2-Nitrophenol
Concen: 2185.79 ng/ul
RT: 9.99 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Instrument :
BNA_G
ClientSampleId :
C0AD3

Tgt Ion:139 Resp: 5856

Ion	Ratio	Lower	Upper
139	100		
65	55.1	55.0	82.4
109	40.0	31.4	47.2

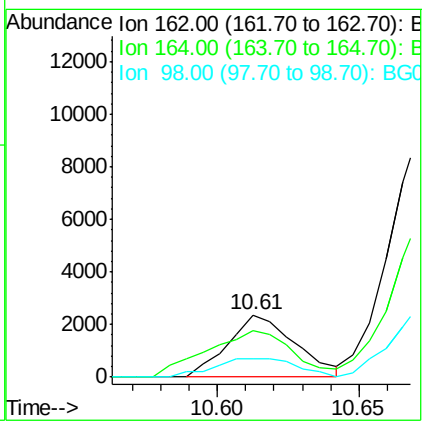


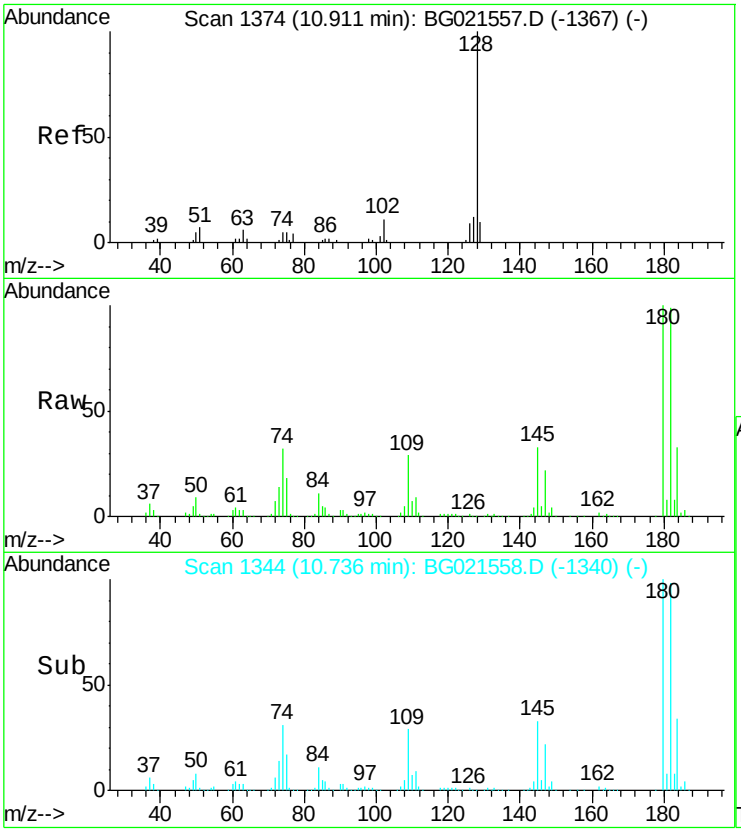


#27
2,4-Dichlorophenol
Concen: 860.82 ng/ul
RT: 10.61 min Scan# 1323
Delta R.T. 0.02 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Tgt Ion:162 Resp: 3878

Ion	Ratio	Lower	Upper
162	100		
164	74.9	50.3	75.5
98	30.6	30.8	46.2#



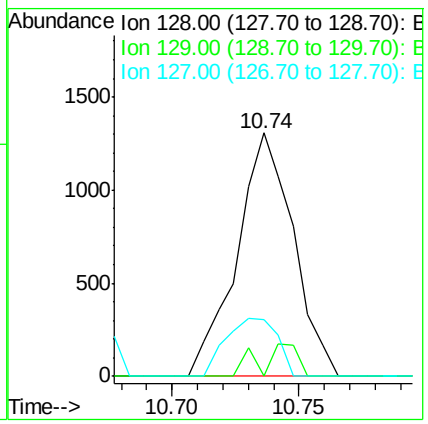


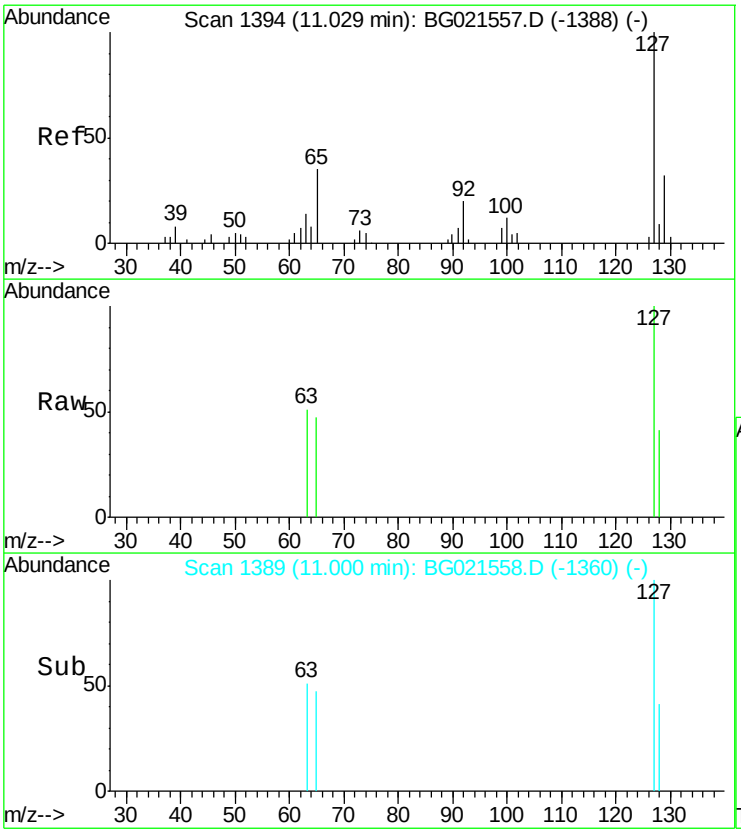
#28
Naphthalene
Concen: 135.09 ng/ul
RT: 10.74 min Scan# 1344
Delta R.T. -0.18 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Instrument :
BNA_G
ClientSampleId :
C0AD3

Tgt Ion:128 Resp: 2027

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.3	12.5#
127	23.6	10.8	16.2#

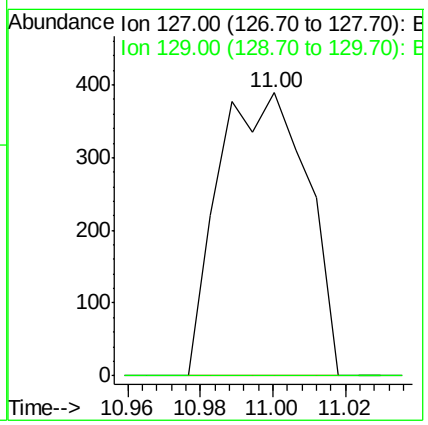


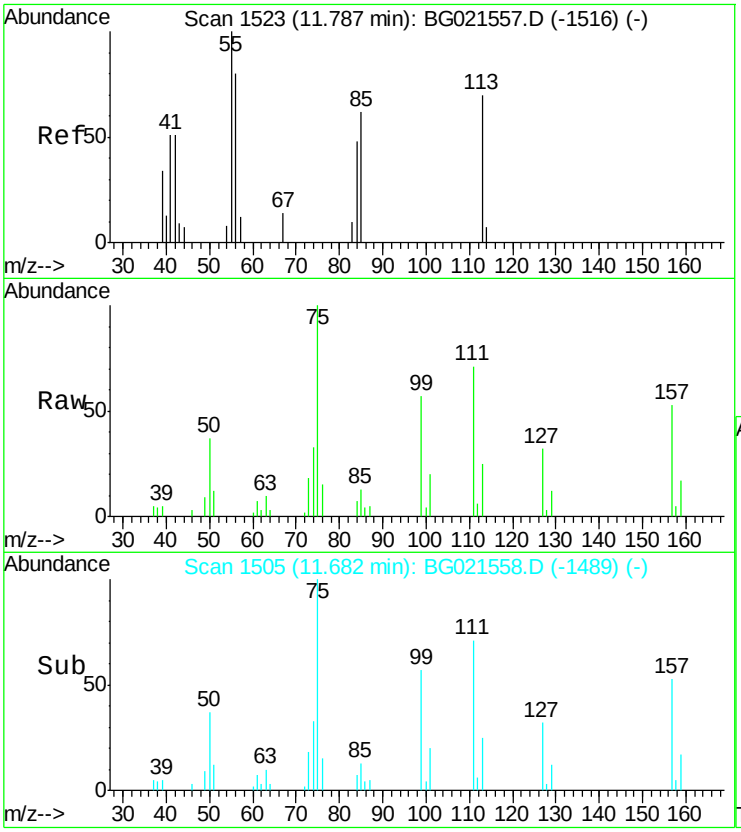


#30
4-Chloroaniline
Concen: 111.21 ng/ul
RT: 11.00 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Tgt Ion:127 Resp: 662

Ion	Ratio	Lower	Upper
127	100		
129	0.0	24.8	37.2#



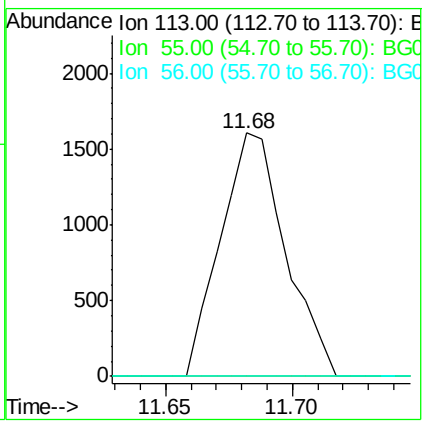


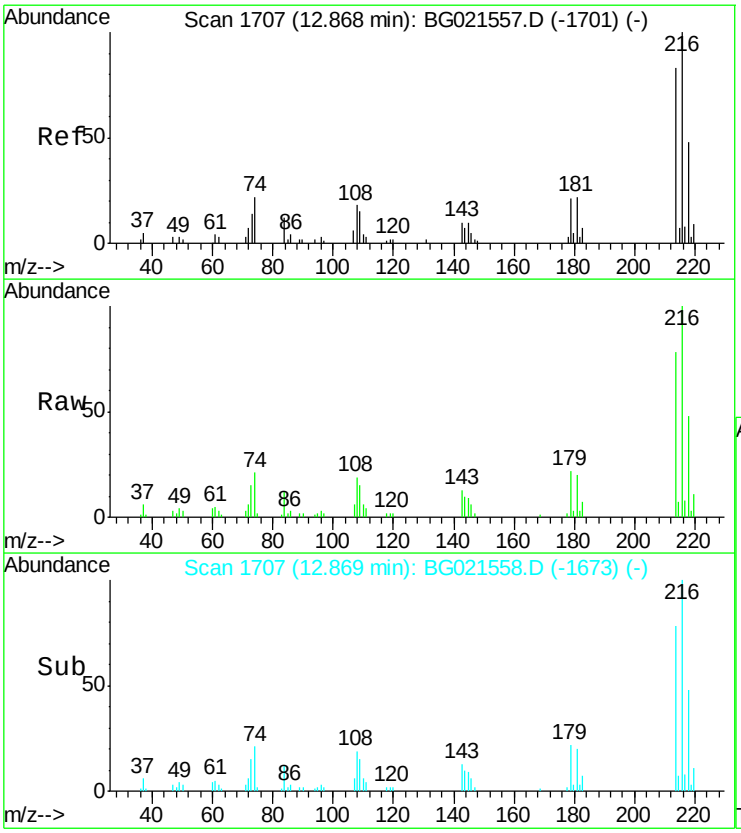
#32
Caprolactam
Concen: 1689.12 ng/ul
RT: 11.68 min Scan# 1505
Delta R.T. -0.10 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Instrument :
BNA_G
ClientSampleId :
C0AD3

Tgt Ion:113 Resp: 2858

Ion	Ratio	Lower	Upper
113	100		
55	0.0	155.5	233.3#
56	0.0	105.7	158.5#

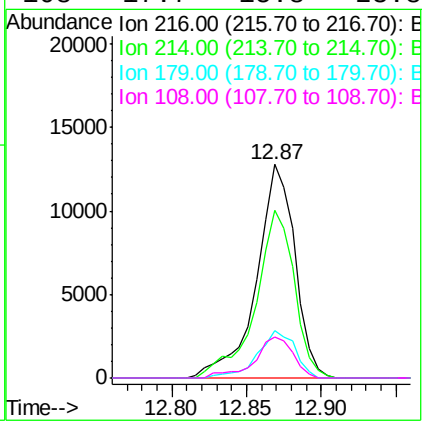


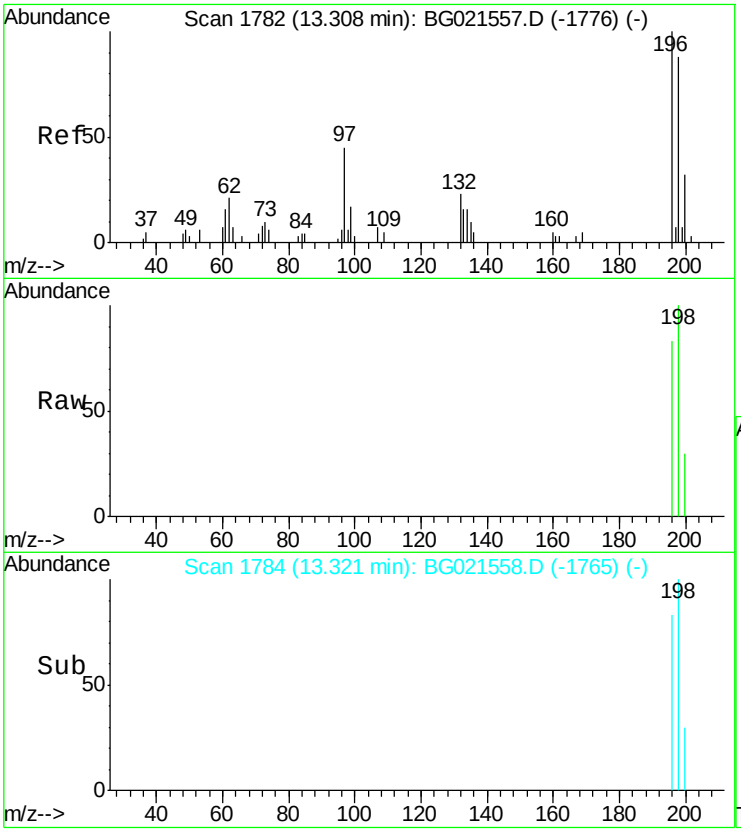


#37
1,2,4,5-Tetrachlorobenzene
Concen: 21.18 ng/ul
RT: 12.87 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Tgt Ion:216 Resp: 22782

Ion	Ratio	Lower	Upper
216	100		
214	79.4	57.8	86.8
179	20.5	19.5	29.3
108	17.7	15.8	23.8



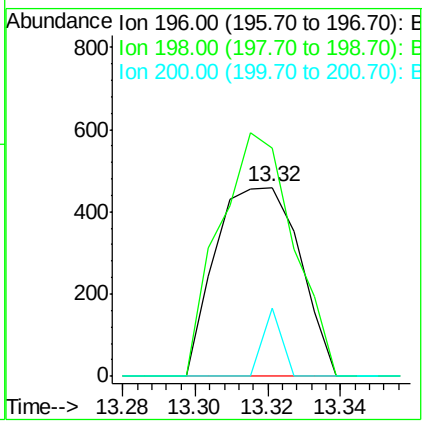


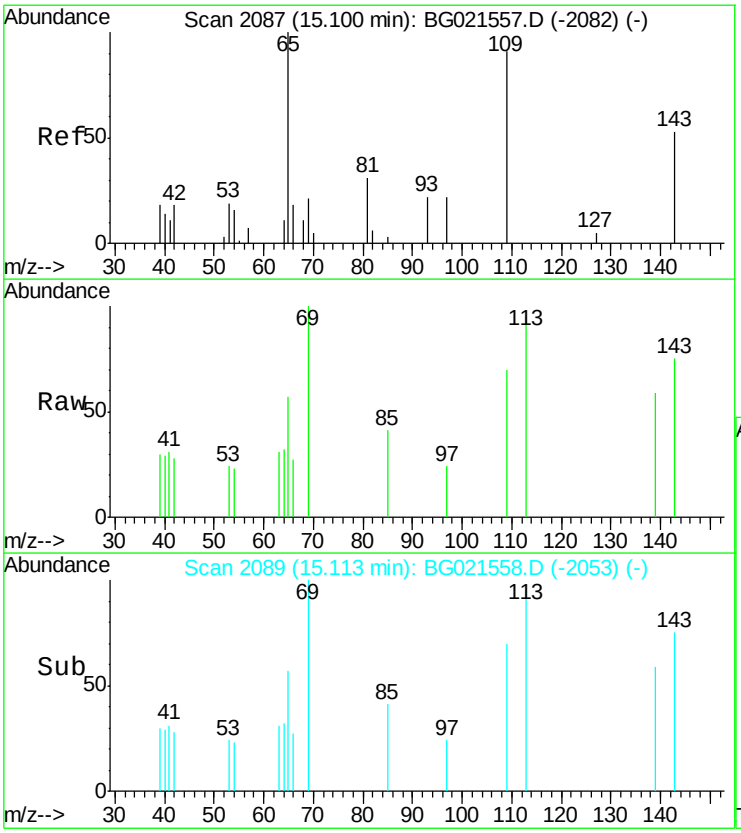
#40
2,4,5-Trichlorophenol
Concen: 1.07 ng/ul
RT: 13.32 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Instrument :
BNA_G
ClientSampleId :
C0AD3

Tgt Ion:196 Resp: 740

Ion	Ratio	Lower	Upper
196	100		
198	120.7	72.2	108.2#
200	35.9	22.2	33.2#

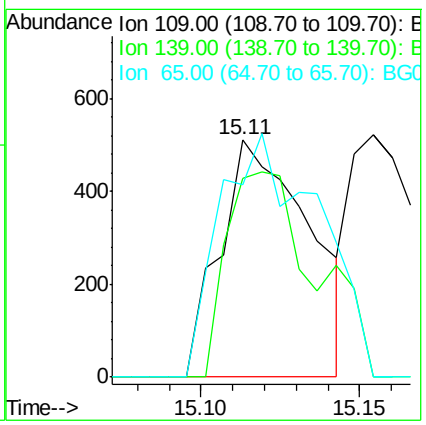


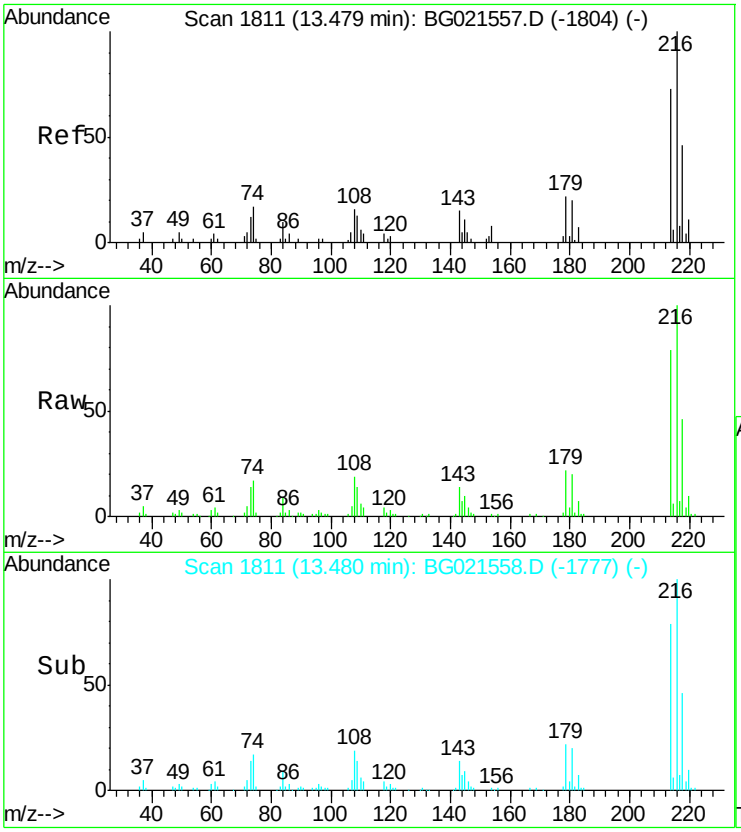


#53
4-Nitrophenol
Concen: 2.33 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Tgt Ion:109 Resp: 988

Ion	Ratio	Lower	Upper
109	100		
139	83.8	75.9	113.9
65	81.0	99.8	149.8#





#73
1,2,3,4-Tetrachlorobenzene
Concen: 74.65 ng/uL
RT: 13.48 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Instrument :
BNA_G
ClientSampleId :
C0AD3

Tgt Ion:216 Resp: 79448

Ion	Ratio	Lower	Upper
216	100		
214	78.6	69.2	103.8
218	46.4	41.4	62.0