Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021999.D
Acq On : 22 May 2016 4:39
Operator : UM/SJ
Sample : H3124-08MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG8MS

Quant Time: May 23 18:20:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 17:16:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	199936	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	116410	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	237448	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	228047	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	210041	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	4025	5.27	ng/uL	0.00
5) Phenol-d5	7.31	99	86668	24.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	48441	25.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	74722	24.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	77259	25.35	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	39537	26.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	41856	26.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	69957	24.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	102116	33.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	258774	29.60	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	342460	28.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	41735	27.72	ng/ul	0.00
57) Fluorene-d10	15.77	176	231494	28.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	31196	25.13	ng/ul	0.00
70) Anthracene-d10	17.63	188	336477	29.52	ng/ul	0.00
76) Pyrene-d10	19.90	212	374127	29.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	307576	31.56	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.34	94	78337	21.65	ng/ul	96
10) 2-Chlorophenol	7.72	128	64523	21.79	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.96	70	53230	24.19	ng/ul	97
33) 4-Chloro-3-methylphenol	12.24	107	72691	24.68	ng/ul	97
44) Dimethylphthalate	14.23	163	126328	14.38	ng/ul	98
49) Acenaphthene	14.85	153	211884	24.66	ng/ul	99
52) 4-Nitrophenol	14.99	109	21360	25.16	ng/ul	93
54) 2,4-Dinitrotoluene	15.14	165	66001	25.97	ng/ul	99
68) Pentachlorophenol	17.17	266	35843	24.71	ng/ul	95
77) Pyrene	19.93	202	415964	25.92	ng/ul	97

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

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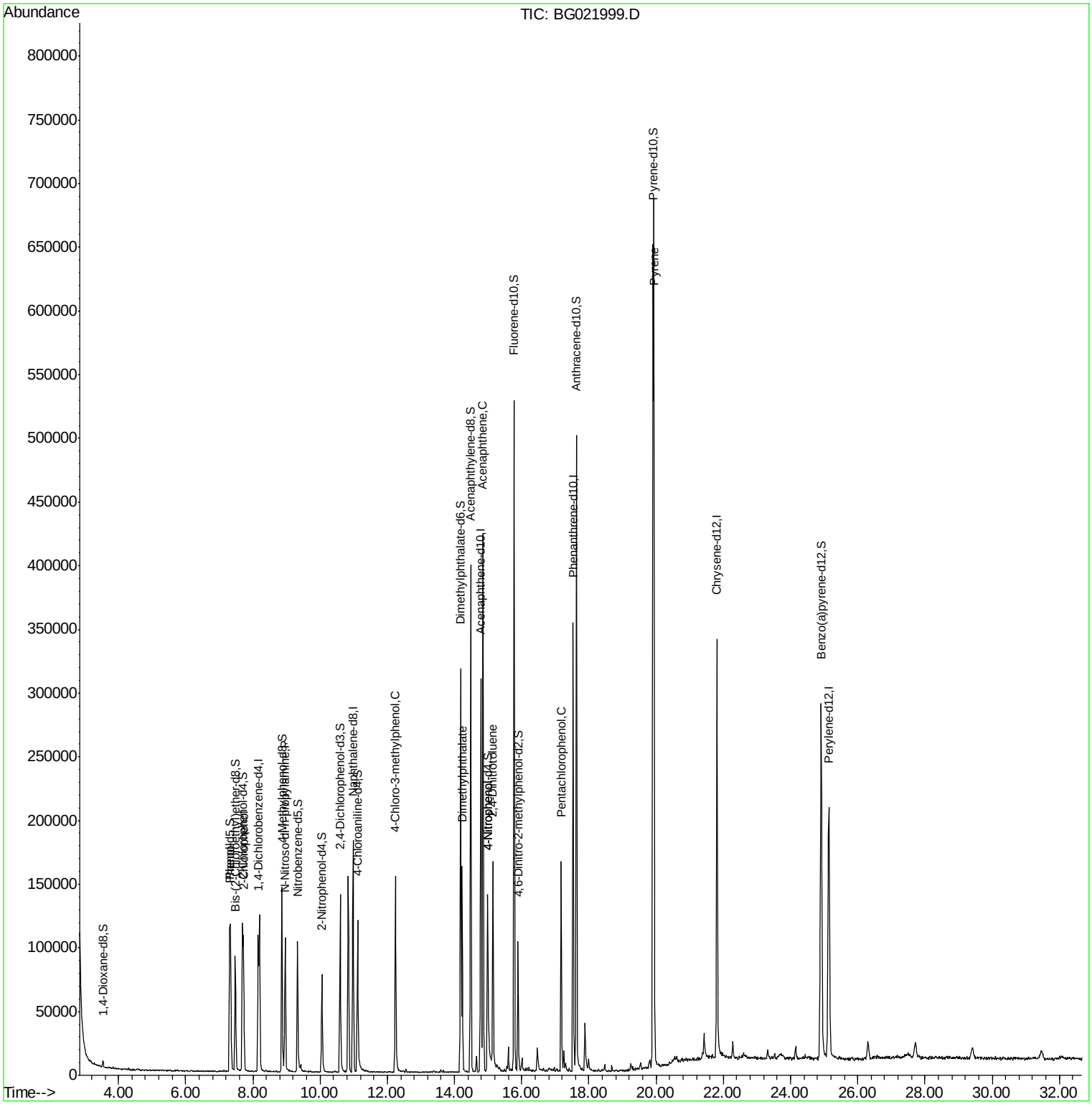
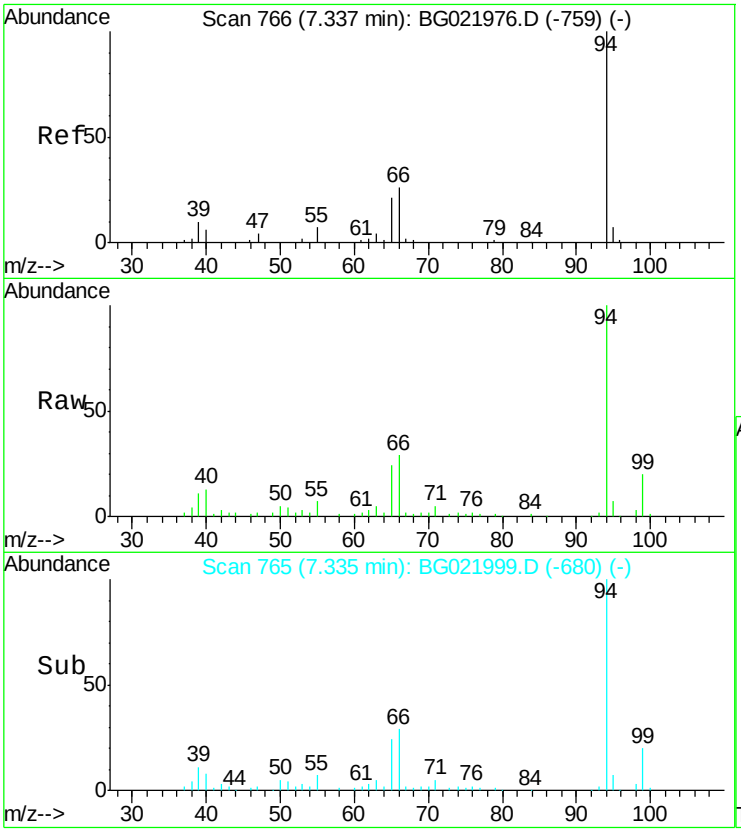


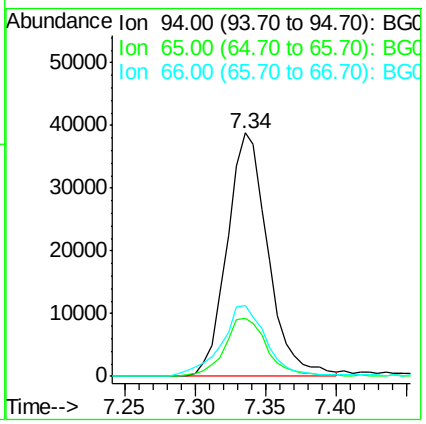


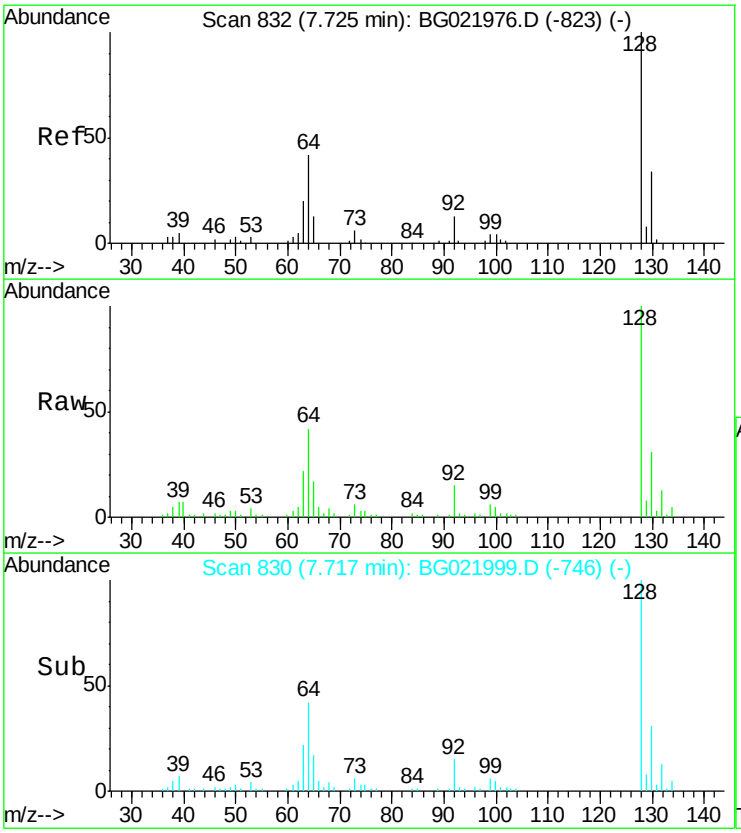
#6
Phenol
Concen: 21.65 ng/ul
RT: 7.34 min Scan# 765
Delta R.T. -0.00 min
Lab File: BG021999.D
Acq: 22 May 2016 4:39

Instrument :
BNA_G
ClientSampleId :
JHGG8MS

Tgt Ion: 94 Resp: 78337

Ion	Ratio	Lower	Upper
94	100		
65	23.6	16.8	25.2
66	29.3	22.6	33.8

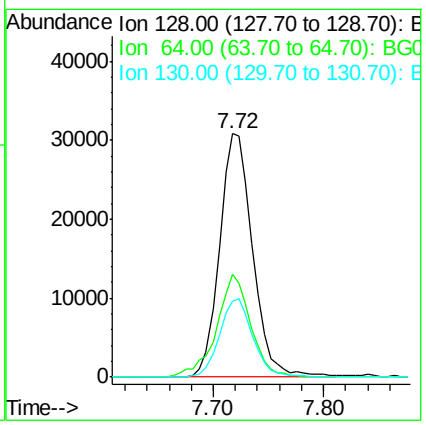


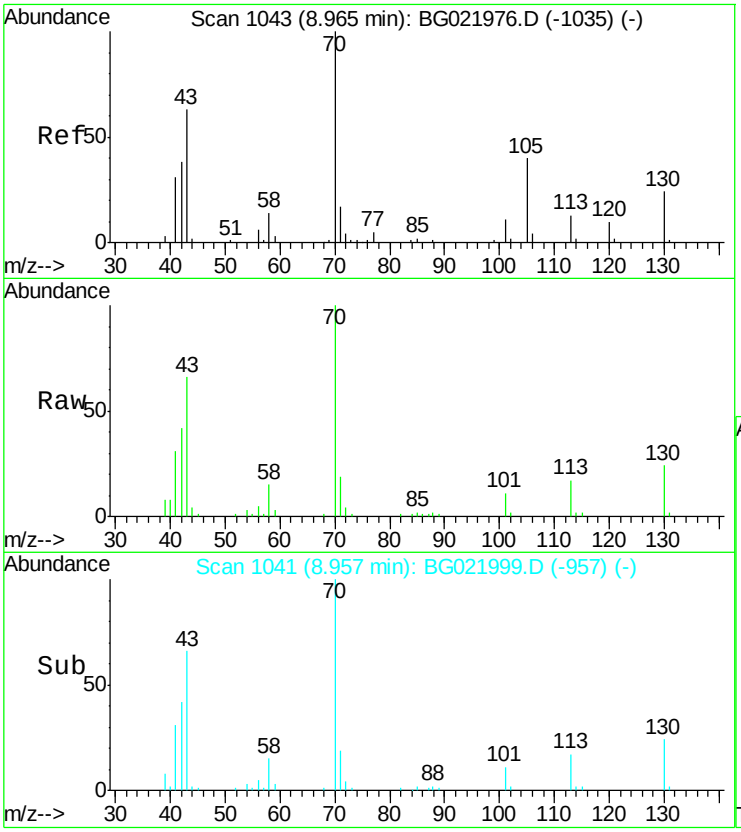


#10
2-Chlorophenol
Concen: 21.79 ng/ul
RT: 7.72 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG021999.D
Acq: 22 May 2016 4:39

Tgt Ion:128 Resp: 64523

Ion	Ratio	Lower	Upper
128	100		
64	42.4	34.2	51.4
130	31.4	27.0	40.4



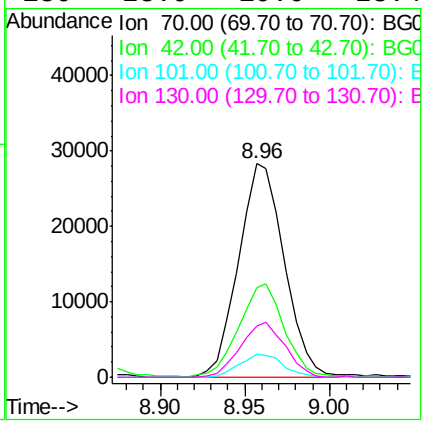


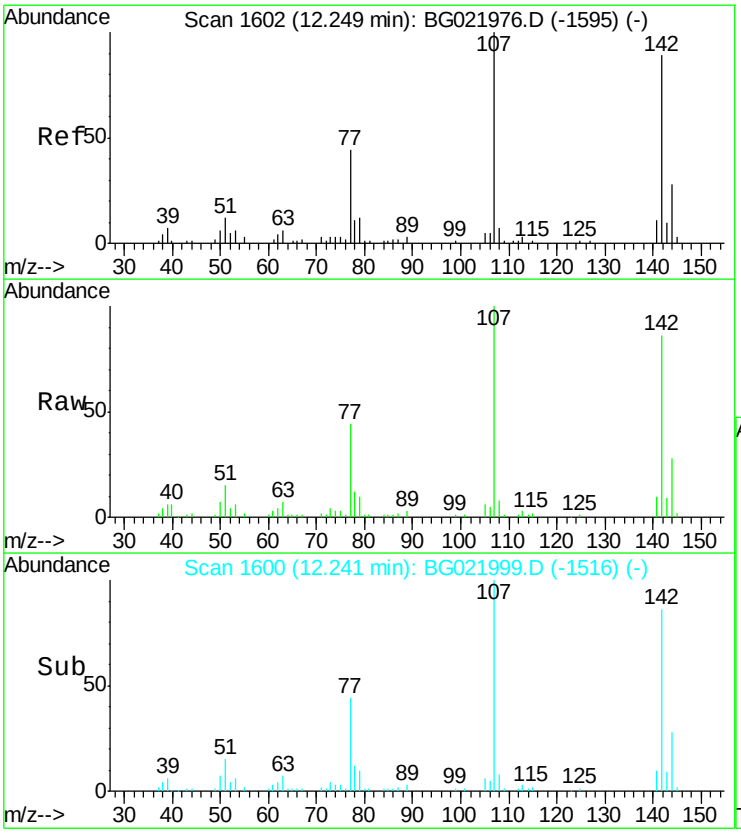
#15
N-Nitroso-di-n-propylamine
Concen: 24.19 ng/ul
RT: 8.96 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG021999.D
Acq: 22 May 2016 4:39

Instrument :
BNA_G
ClientSampleId :
JHGG8MS

Tgt Ion: 70 Resp: 53230

Ion	Ratio	Lower	Upper
70	100		
42	42.1	31.4	47.2
101	10.7	8.6	13.0
130	23.9	19.0	28.4

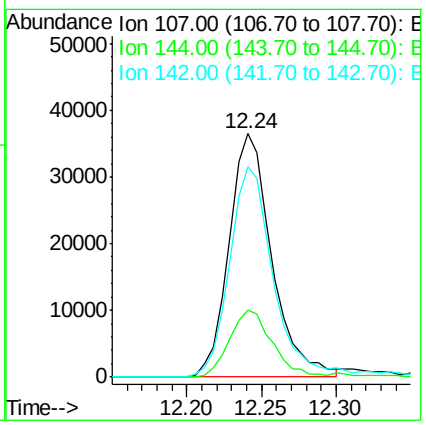


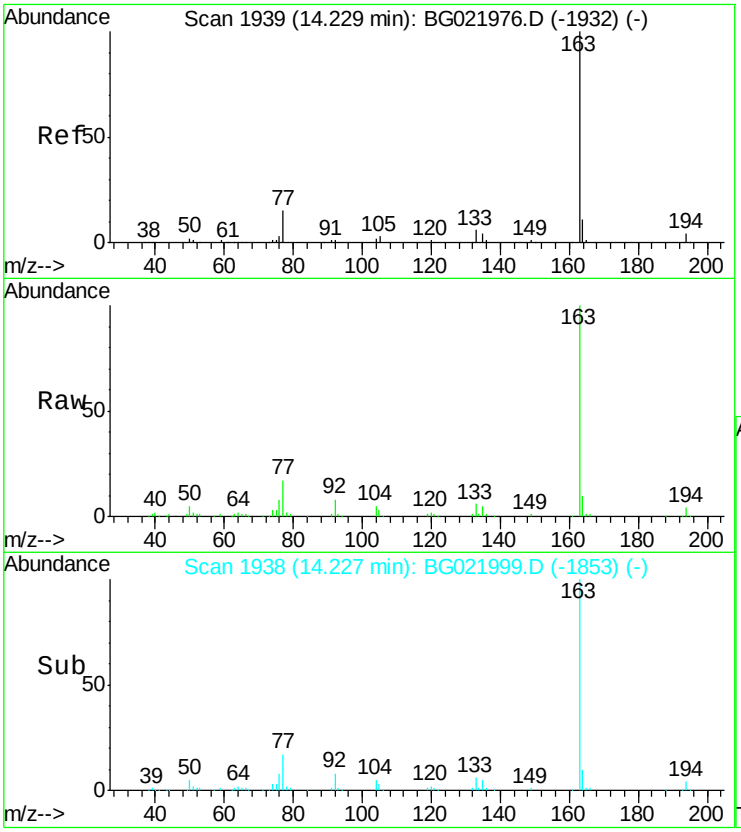


#33
4-Chloro-3-methylphenol
Concen: 24.68 ng/ul
RT: 12.24 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG021999.D
Acq: 22 May 2016 4:39

Tgt Ion:107 Resp: 72691

Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.7	34.1
142	86.2	71.6	107.4



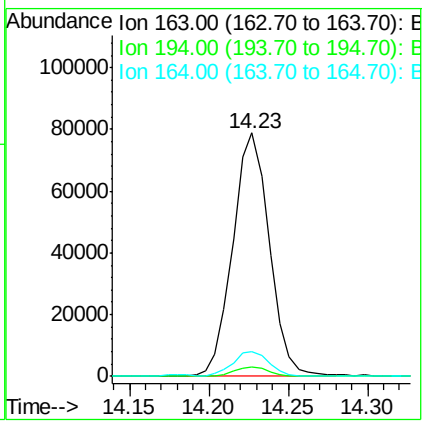


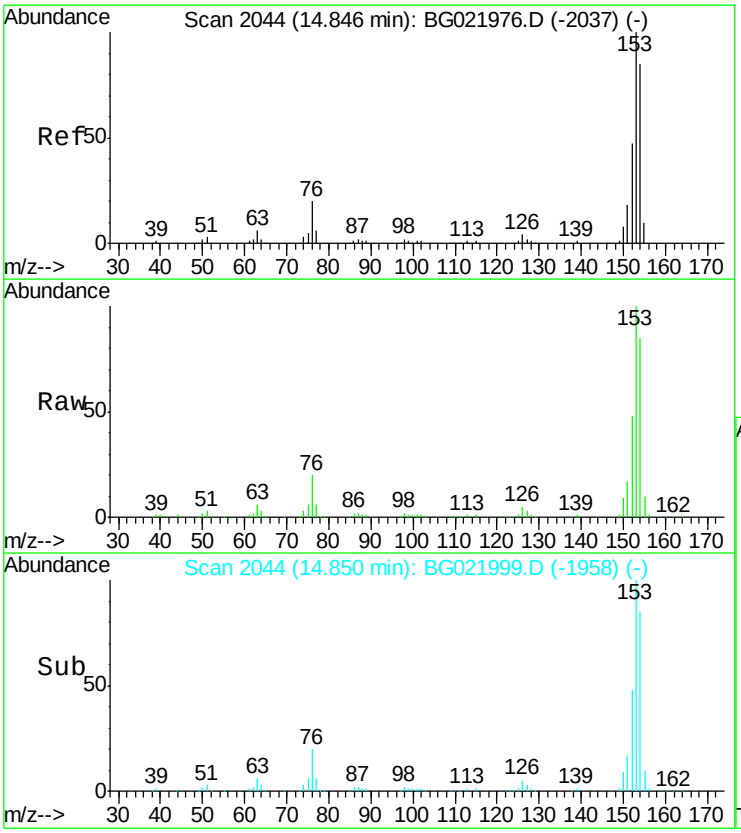
#44
Dimethylphthalate
Concen: 14.38 ng/ul
RT: 14.23 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG021999.D
Acq: 22 May 2016 4:39

Instrument :
BNA_G
ClientSampleId :
JHGG8MS

Tgt Ion:163 Resp: 126328

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.3	8.8	13.2

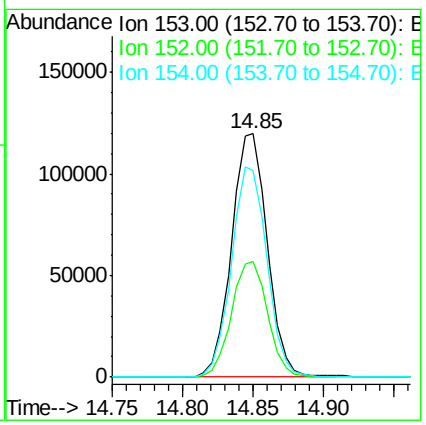


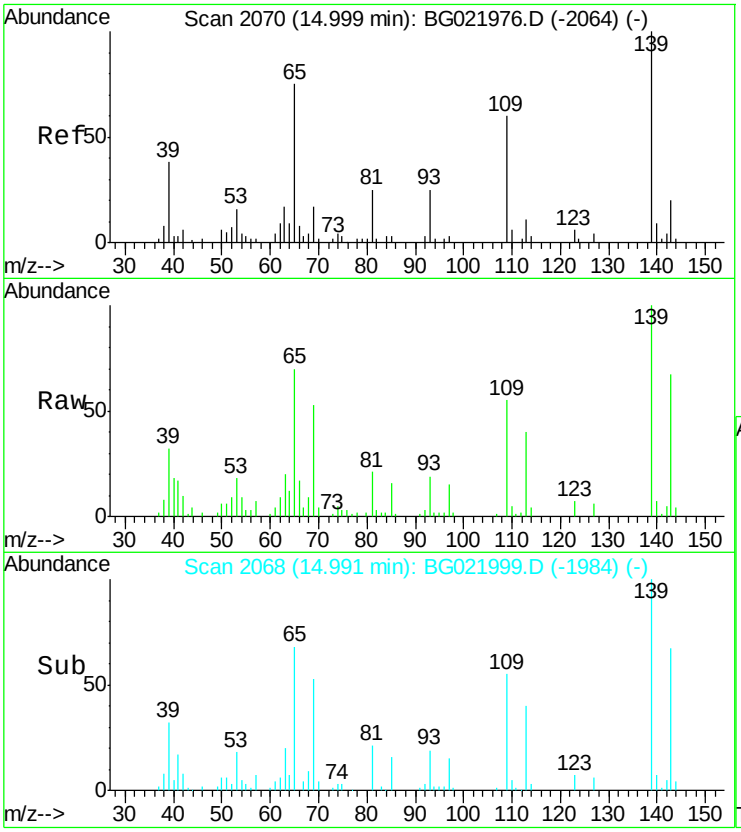


#49
Acenaphthene
Concen: 24.66 ng/ul
RT: 14.85 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG021999.D
Acq: 22 May 2016 4:39

Tgt Ion:153 Resp: 211884

Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.3	55.9
154	85.0	68.2	102.2



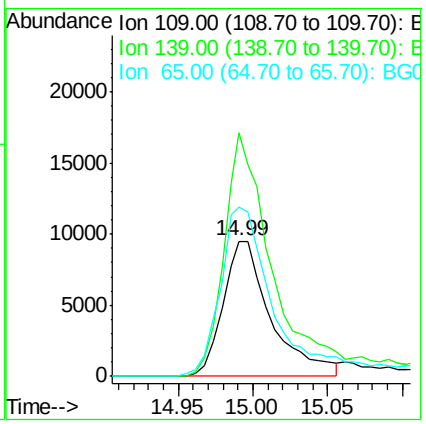


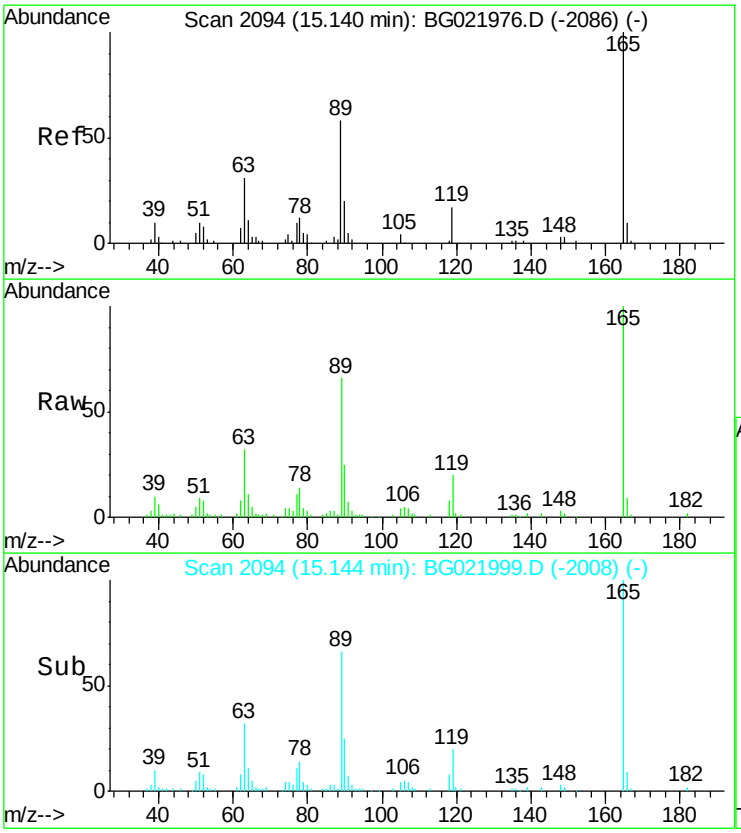
#52
4-Nitrophenol
Concen: 25.16 ng/ul
RT: 14.99 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG021999.D
Acq: 22 May 2016 4:39

Instrument :
BNA_G
ClientSampleId :
JHGG8MS

Tgt Ion:109 Resp: 21360

Ion	Ratio	Lower	Upper
109	100		
139	180.5	136.1	204.1
65	125.5	106.0	159.0

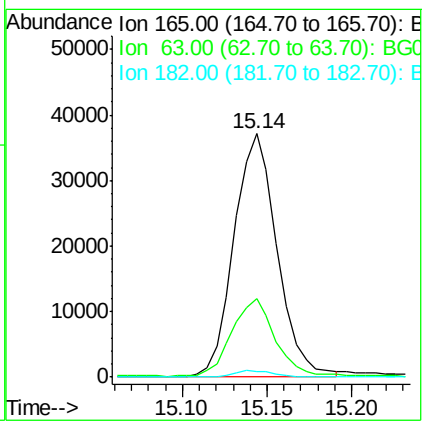


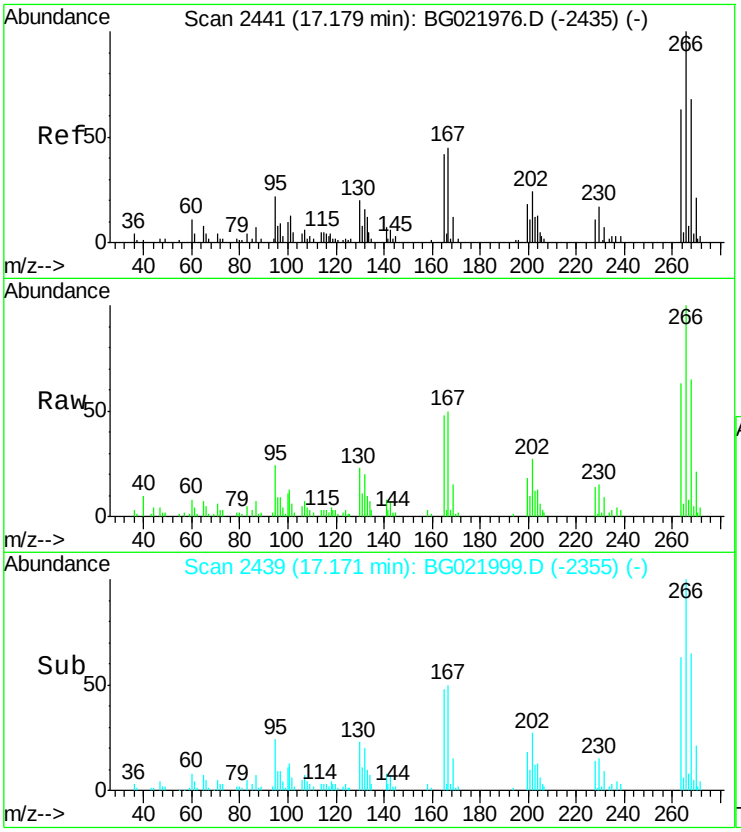


#54
2,4-Dinitrotoluene
Concen: 25.97 ng/ul
RT: 15.14 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BG021999.D
Acq: 22 May 2016 4:39

Tgt Ion:165 Resp: 66001

Ion	Ratio	Lower	Upper
165	100		
63	32.4	25.7	38.5
182	2.2	2.1	3.1



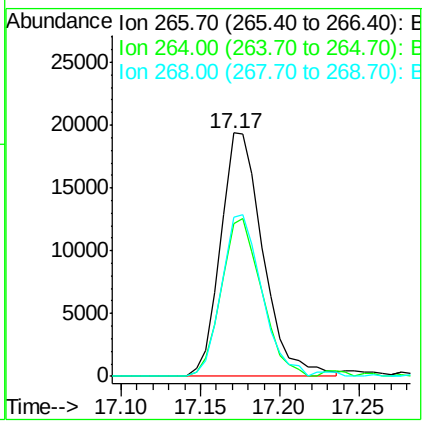


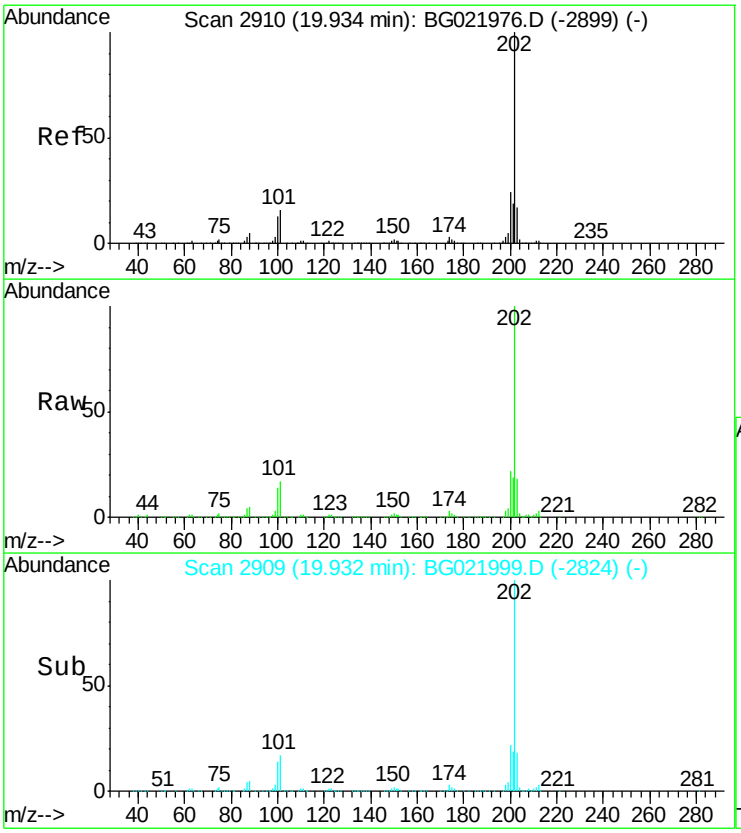
#68
Pentachlorophenol
Concen: 24.71 ng/ul
RT: 17.17 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG021999.D
Acq: 22 May 2016 4:39

Instrument :
BNA_G
ClientSampleId :
JHGG8MS

Tgt Ion:266 Resp: 35843

Ion	Ratio	Lower	Upper
266	100		
264	62.8	54.7	82.1
268	70.2	57.8	86.8





#77
Pyrene
Concen: 25.92 ng/ul
RT: 19.93 min Scan# 2909
Delta R.T. -0.00 min
Lab File: BG021999.D
Acq: 22 May 2016 4:39

Tgt Ion:202 Resp: 415964

Ion	Ratio	Lower	Upper
202	100		
101	16.8	12.5	18.7
100	13.8	10.2	15.4