Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020310.D
Acq On : 19 Dec 2015 13:56
Operator : UM/SJ
Sample : G4849-03MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N68MS

Quant Time: Dec 20 05:16:31 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 04:48:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	19773	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	85312	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	63396	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	167506	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	228118	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	215046	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	2667	7.45	ng/uL	0.00
5) Phenol-d5	7.24	99	58966	33.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	38149	36.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	47841	37.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	52105	34.94	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	25943	39.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	29842	40.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	54565	36.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	62646	37.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	199740	38.95	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	212707	35.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	35760	38.88	ng/ul	0.00
58) Fluorene-d10	15.71	176	167898	36.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	35842	36.09	ng/ul	0.00
71) Anthracene-d10	17.56	188	284442	36.85	ng/ul	0.00
79) Pyrene-d10	19.85	212	354098	33.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	407221	37.97	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.27	94	58930	31.56	ng/ul	96
10) 2-Chlorophenol	7.65	128	44727	33.68	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.89	70	39288	31.79	ng/ul	98
28) Naphthalene	10.96	128	44518	9.99	ng/ul	99
33) 4-Chloro-3-methylphenol	12.17	107	59915	32.75	ng/ul	92
34) 2-Methylnaphthalene	12.55	142	5106	1.50	ng/ul	88
45) Dimethylphthalate	14.17	163	53918	10.29	ng/ul	100
50) Acenaphthene	14.79	153	122122	28.64	ng/ul	98
53) 4-Nitrophenol	14.93	109	30989	35.03	ng/ul	91
55) 2,4-Dinitrotoluene	15.08	165	53531	33.66	ng/ul	90
69) Pentachlorophenol	17.11	266	44318	34.81	ng/ul	97
80) Pyrene	19.88	202	350318	25.37	ng/ul	98

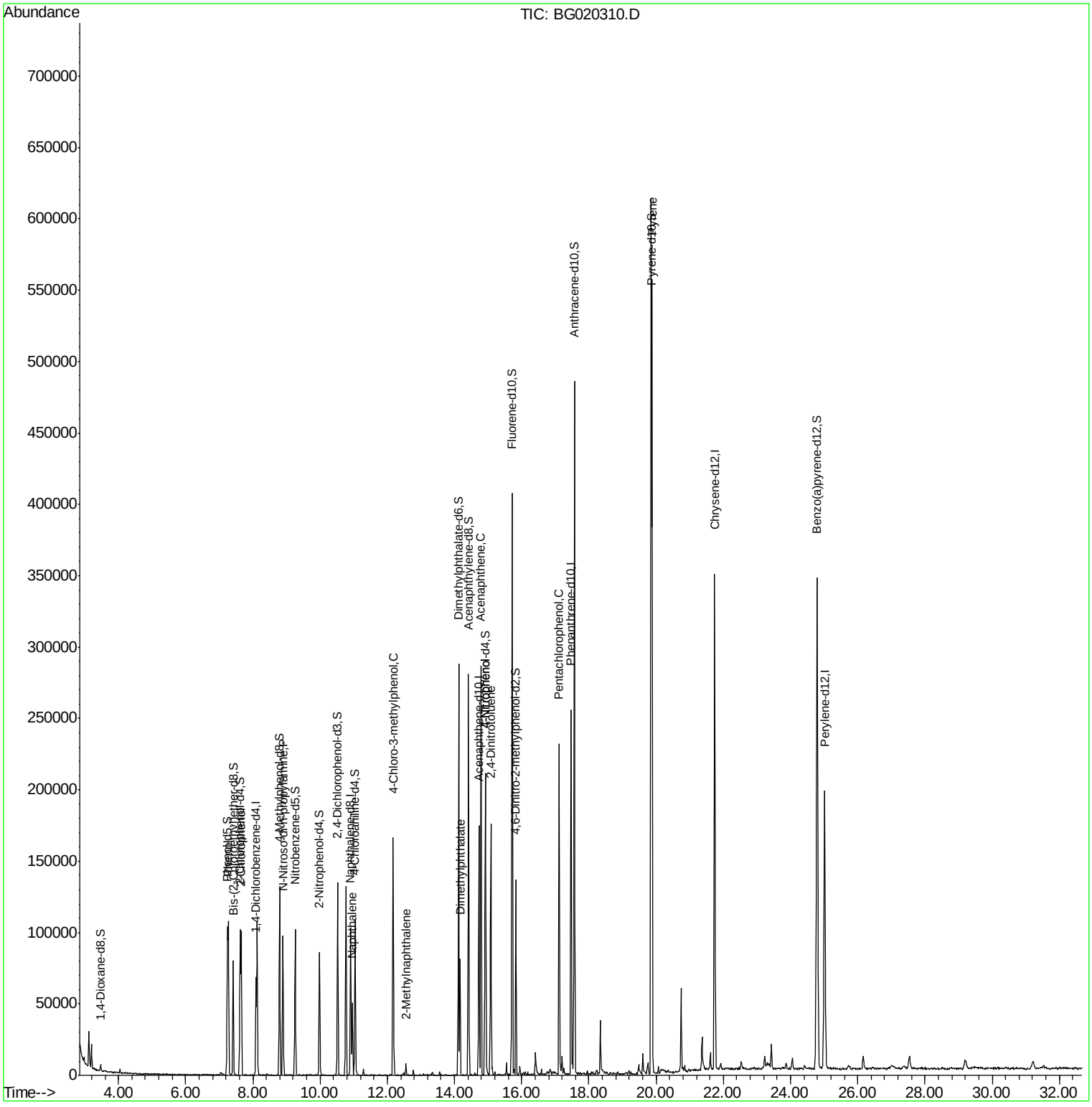
(#) = qualifier out of range (m) = manual integration (+) = signals summed

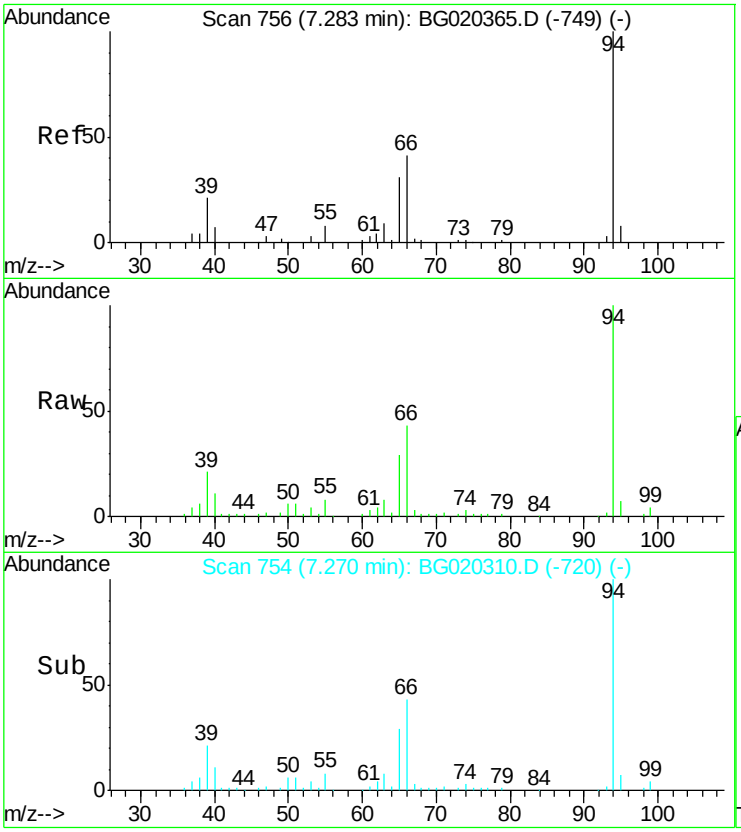
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020310.D
Acq On : 19 Dec 2015 13:56
Operator : UM/SJ
Sample : G4849-03MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N68MS

Quant Time: Dec 20 05:16:31 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 04:48:33 2015
Response via : Initial Calibration



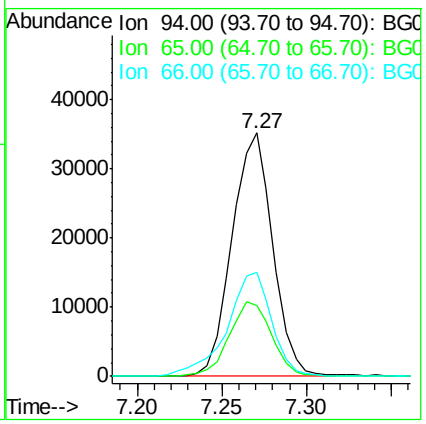


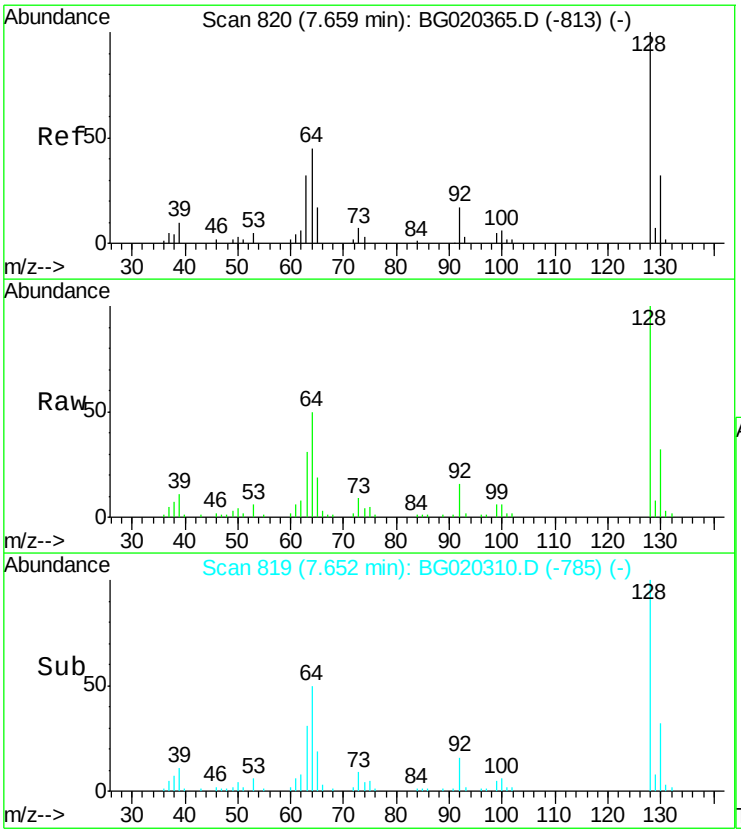
#6
Phenol
Concen: 31.56 ng/ul
RT: 7.27 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Instrument :
BNA_G
ClientSampleId :
D9N68MS

Tgt Ion: 94 Resp: 58930

Ion	Ratio	Lower	Upper
94	100		
65	28.9	26.3	39.5
66	42.6	33.3	49.9

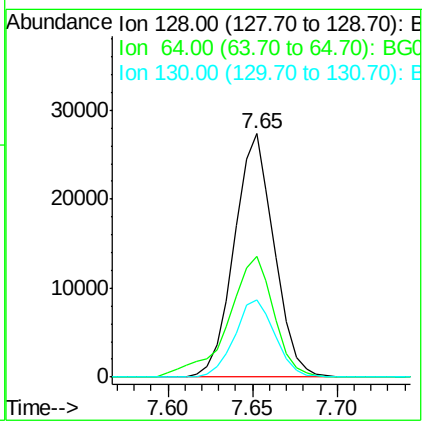


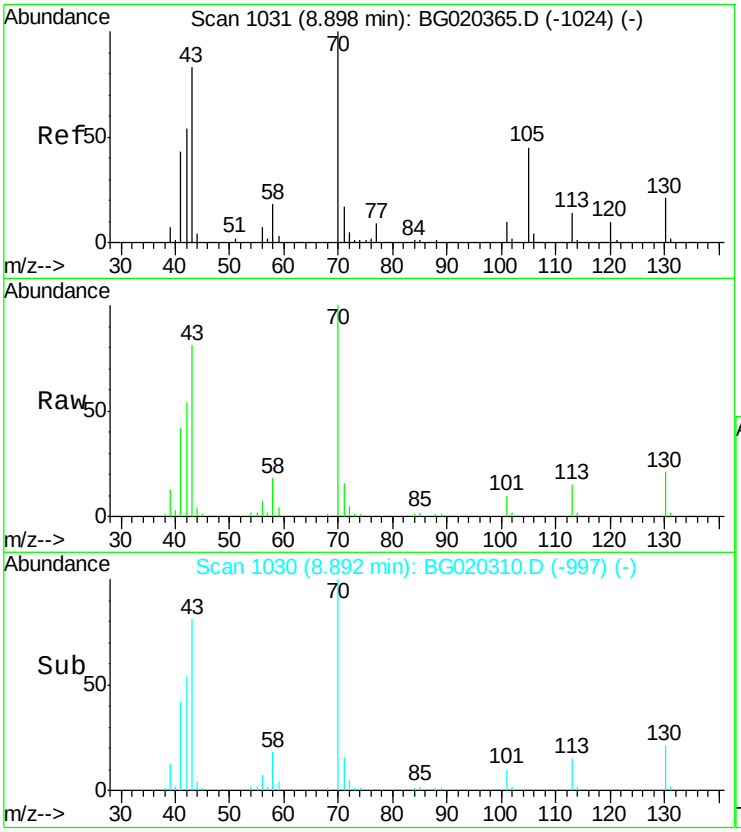


#10
2-Chlorophenol
Concen: 33.68 ng/ul
RT: 7.65 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Tgt Ion:128 Resp: 44727

Ion	Ratio	Lower	Upper
128	100		
64	49.6	39.4	59.0
130	31.6	24.6	36.8



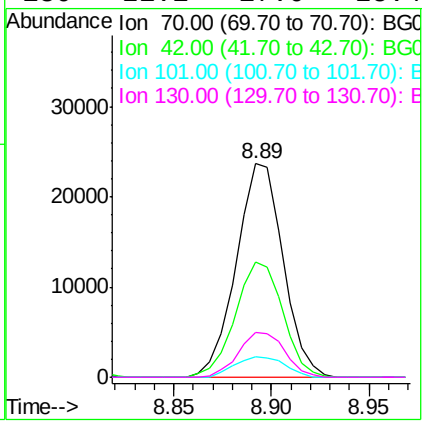


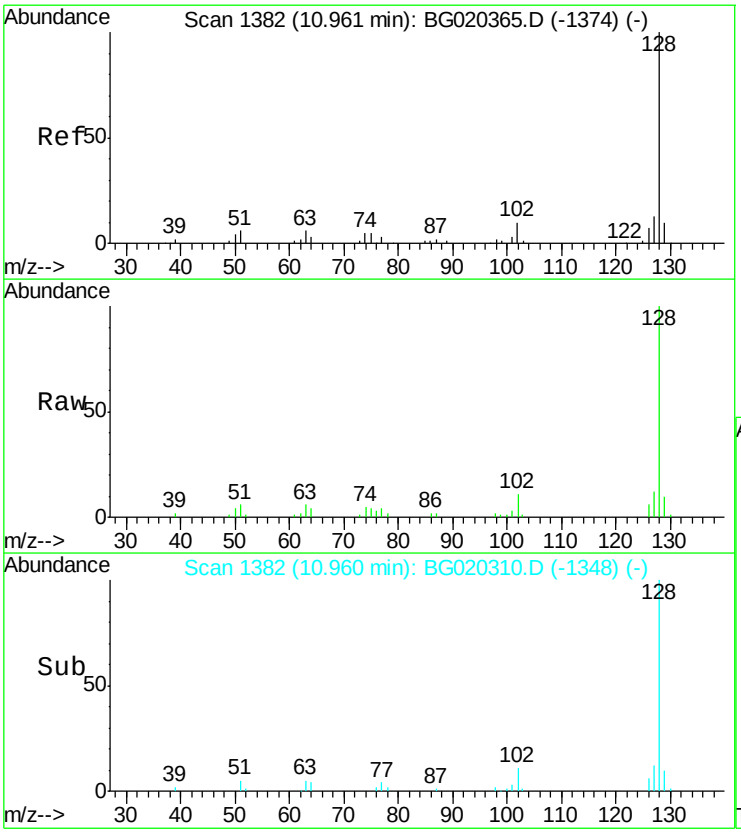
#15
N-Nitroso-di-n-propylamine
Concen: 31.79 ng/ul
RT: 8.89 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Instrument :
BNA_G
ClientSampleId :
D9N68MS

Tgt Ion: 70 Resp: 39288

Ion	Ratio	Lower	Upper
70	100		
42	53.7	44.3	66.5
101	9.7	7.6	11.4
130	21.1	17.0	25.4

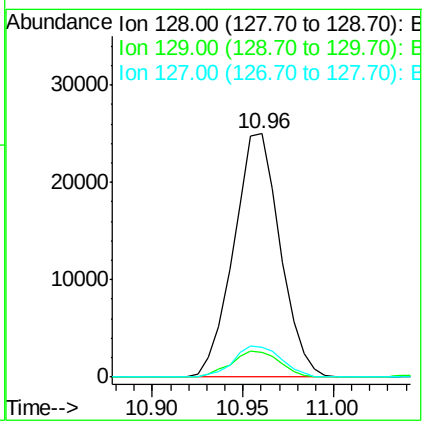


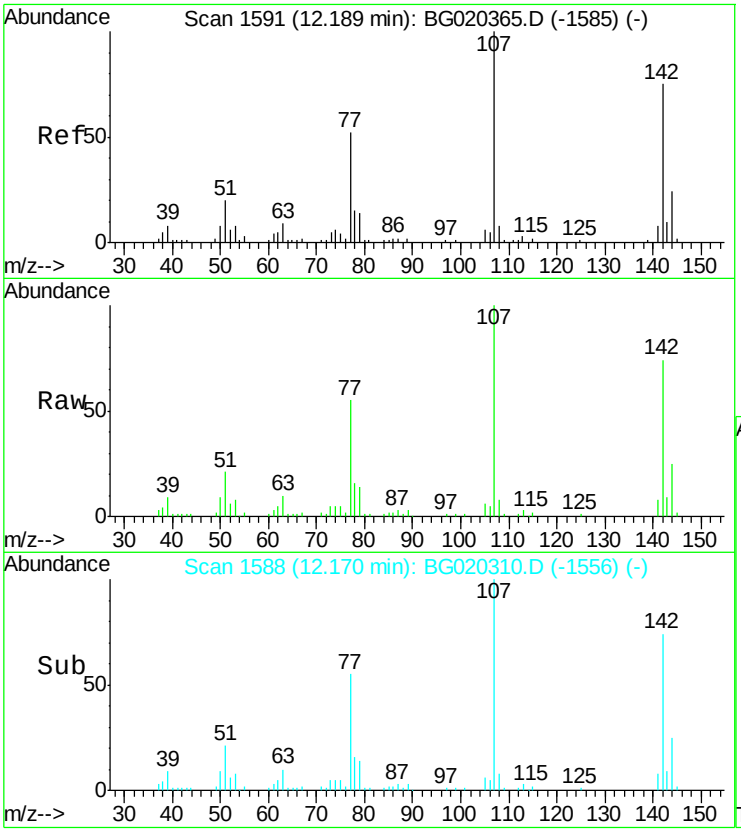


#28
Naphthalene
Concen: 9.99 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Tgt Ion:128 Resp: 44518

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.6	12.8
127	12.4	10.1	15.1



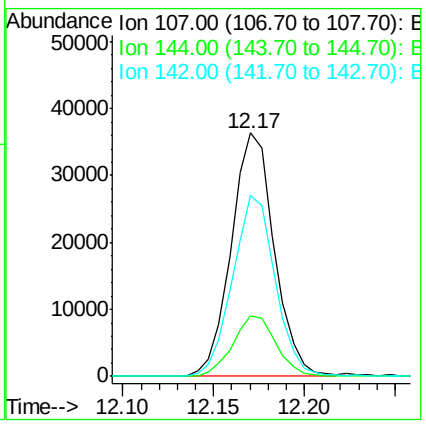


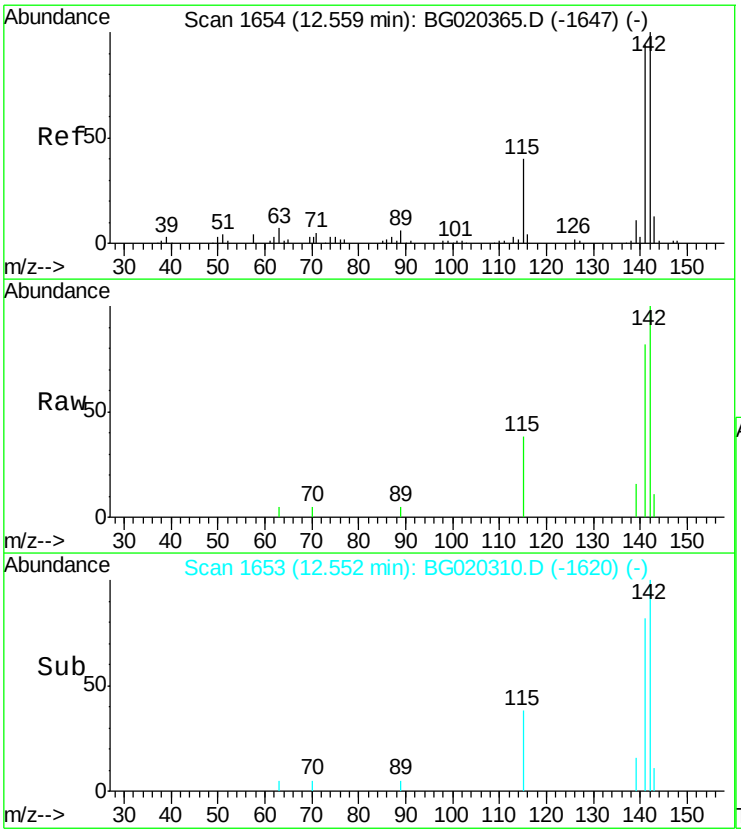
#33
4-Chloro-3-methylphenol
Concen: 32.75 ng/ul
RT: 12.17 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Instrument :
BNA_G
ClientSampleId :
D9N68MS

Tgt Ion:107 Resp: 59915

Ion	Ratio	Lower	Upper
107	100		
144	25.0	18.7	28.1
142	74.1	52.8	79.2

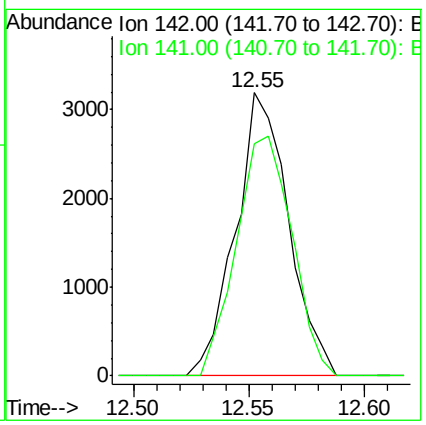


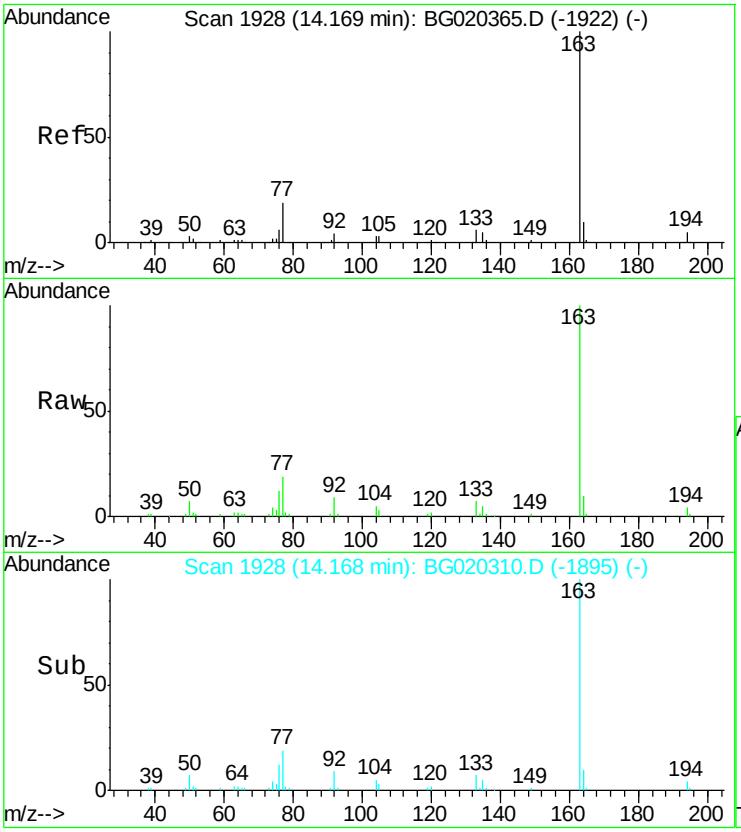


#34
2-Methylnaphthalene
Concen: 1.50 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Tgt Ion:142 Resp: 5106

Ion	Ratio	Lower	Upper
142	100		
141	82.1	74.9	112.3



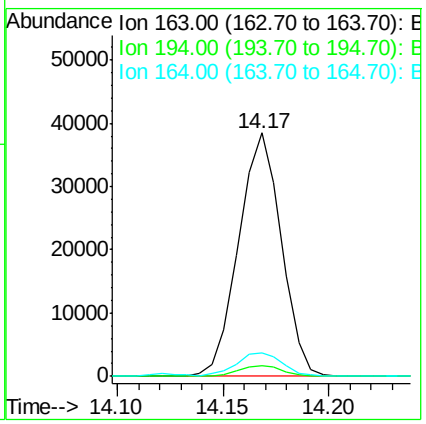


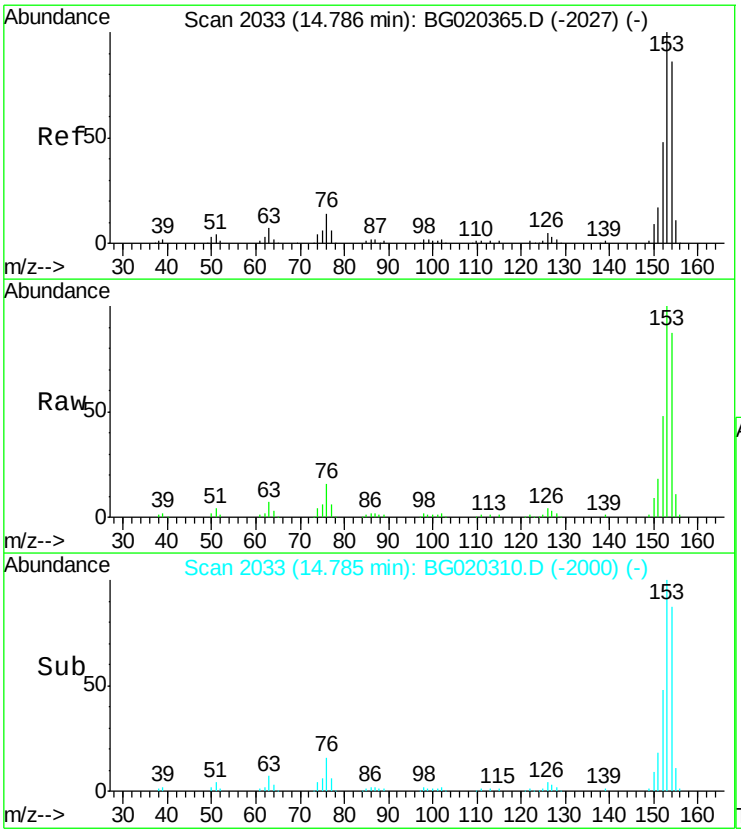
#45
Dimethylphthalate
Concen: 10.29 ng/ul
RT: 14.17 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Instrument :
BNA_G
ClientSampleId :
D9N68MS

Tgt Ion:163 Resp: 53918

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.6	7.7	11.5

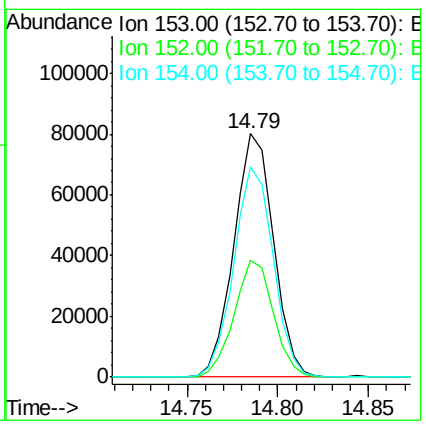


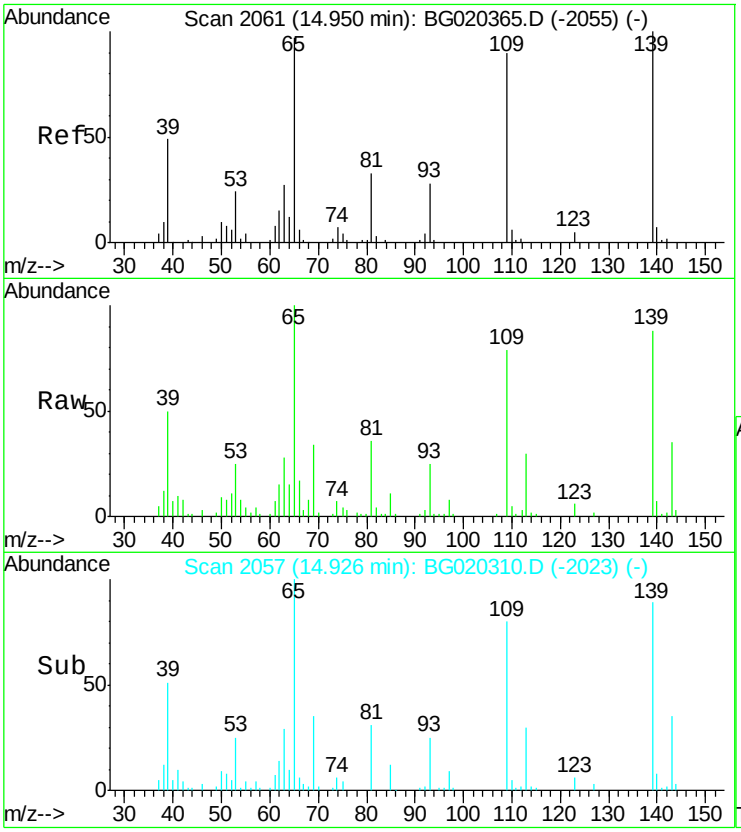


#50
Acenaphthene
Concen: 28.64 ng/ul
RT: 14.79 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Tgt Ion:153 Resp: 122122

Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.6	56.4
154	86.6	67.9	101.9



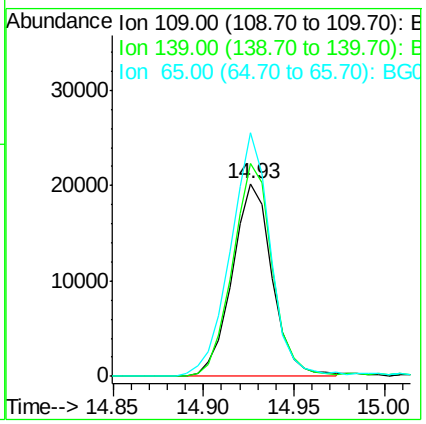


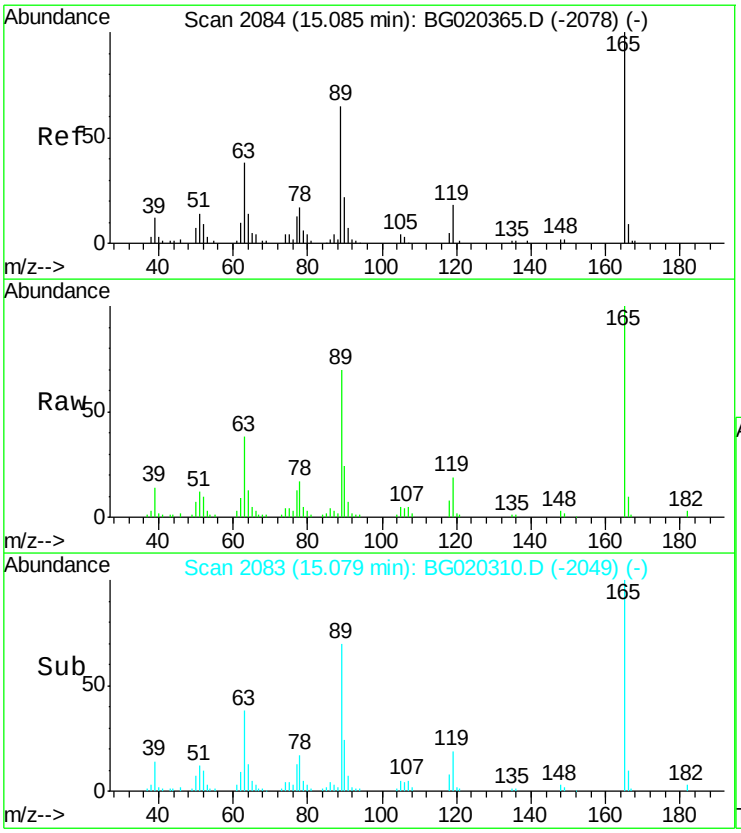
#53
4-Nitrophenol
Concen: 35.03 ng/ul
RT: 14.93 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Instrument :
BNA_G
ClientSampleId :
D9N68MS

Tgt Ion:109 Resp: 30989

Ion	Ratio	Lower	Upper
109	100		
139	110.5	80.5	120.7
65	126.3	93.4	140.2

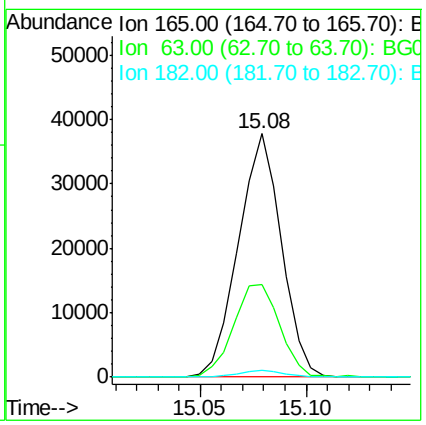


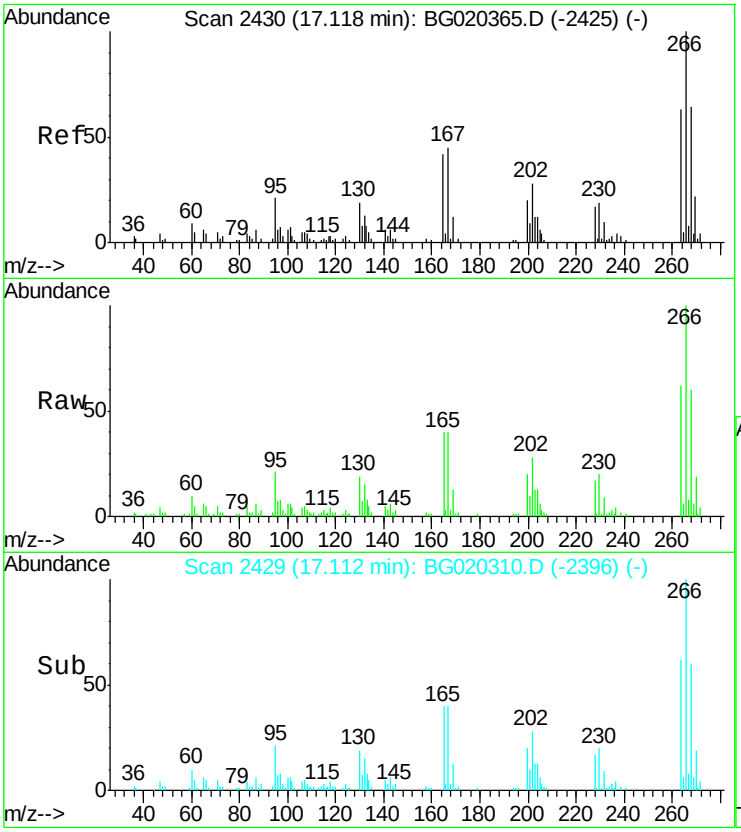


#55
2,4-Dinitrotoluene
Concen: 33.66 ng/ul
RT: 15.08 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Tgt Ion:165 Resp: 53531

Ion	Ratio	Lower	Upper
165	100		
63	38.2	35.8	53.8
182	2.7	2.2	3.2



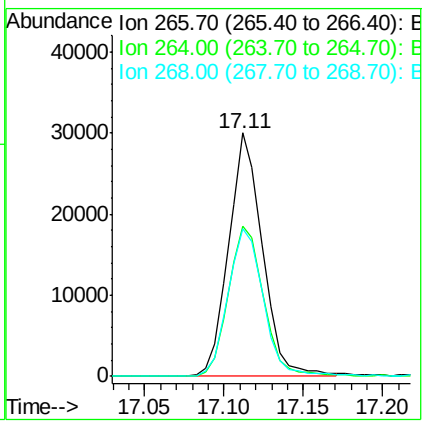


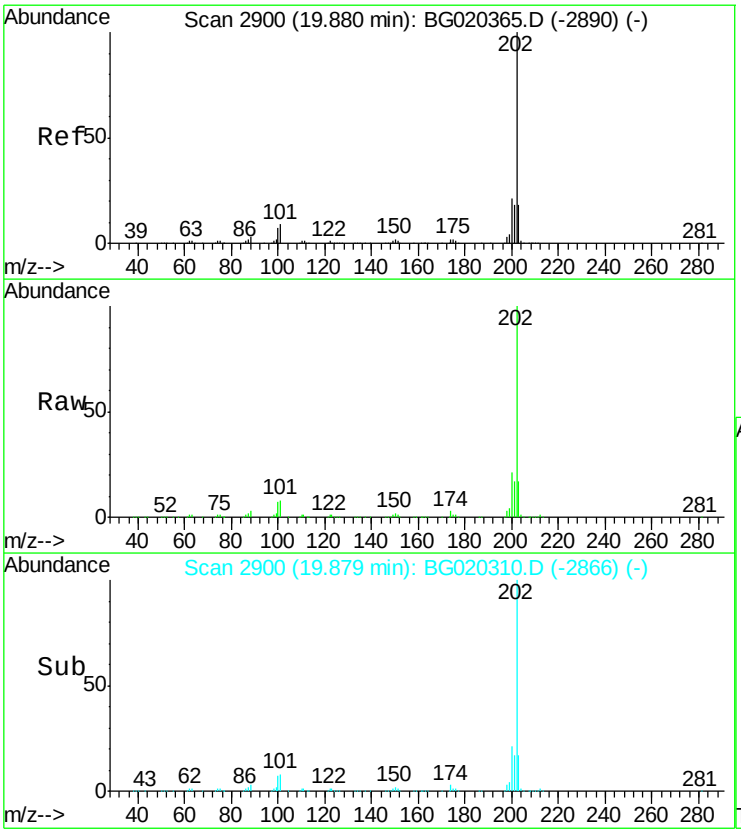
#69
Pentachlorophenol
Concen: 34.81 ng/ul
RT: 17.11 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Instrument :
BNA_G
ClientSampleId :
D9N68MS

Tgt Ion:266 Resp: 44318

Ion	Ratio	Lower	Upper
266	100		
264	61.9	52.2	78.2
268	60.4	49.3	73.9





#80
Pyrene
Concen: 25.37 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Tgt Ion:202 Resp: 350318

Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.0	10.4
100	7.0	6.4	9.6