Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020154.D
Acq On : 14 Dec 2015 14:10
Operator : UM/SJ
Sample : G4767-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N27MSD

Quant Time: Dec 15 03:49:23 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 03:46:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	21102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	96951	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	70467	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	183031	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	205317	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	193914	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	2107	5.51	ng/uL	0.00
5) Phenol-d5	7.25	99	54246	29.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	34457	31.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	41411	30.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	47833	30.06	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	22375	29.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	27543	32.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	50674	29.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	64351	33.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	187751	32.94	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	205017	30.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	32121	31.42	ng/ul	0.00
58) Fluorene-d10	15.72	176	154830	29.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	31742	29.25	ng/ul	0.00
71) Anthracene-d10	17.57	188	257758	30.56	ng/ul	0.00
79) Pyrene-d10	19.85	212	289119	30.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	293974	30.39	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.27	94	59856	30.04	ng/ul	96
10) 2-Chlorophenol	7.66	128	44278	31.24	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.90	70	43939	33.31	ng/ul	96
33) 4-Chloro-3-methylphenol	12.18	107	65281	31.40	ng/ul	92
45) Dimethylphthalate	14.17	163	88198	15.15	ng/ul	99
50) Acenaphthene	14.79	153	144359	30.45	ng/ul	99
53) 4-Nitrophenol	14.93	109	32201	32.75	ng/ul	94
55) 2,4-Dinitrotoluene	15.08	165	57568	32.57	ng/ul	98
69) Pentachlorophenol	17.11	266	46524	33.44	ng/ul	93
80) Pyrene	19.88	202	403438	32.47	ng/ul	99

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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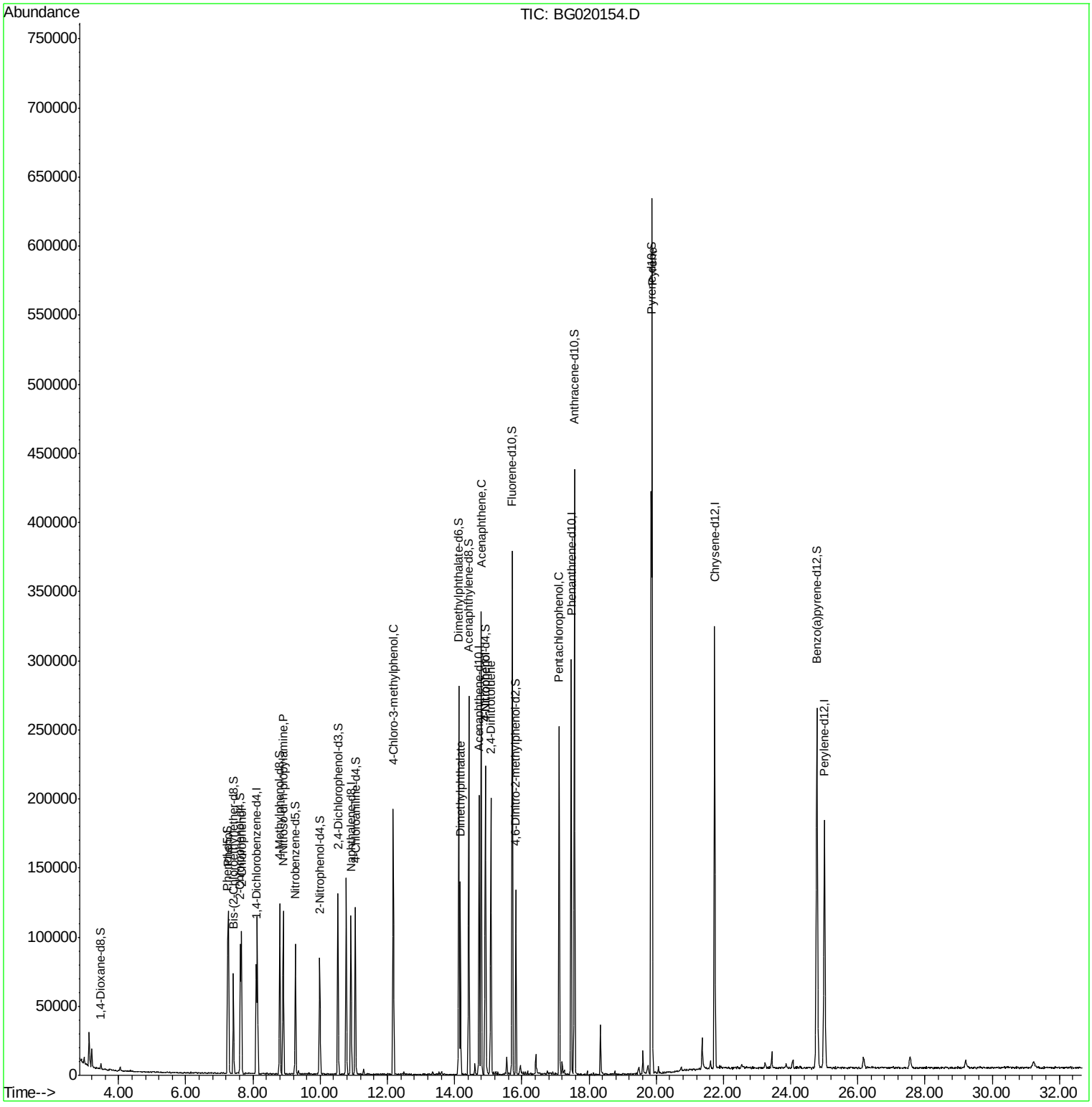
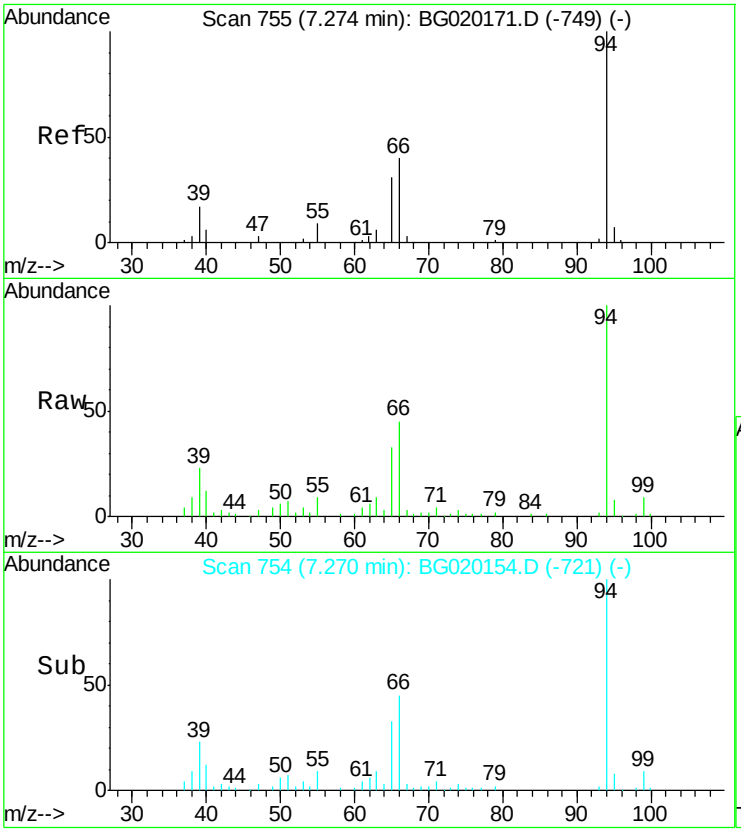


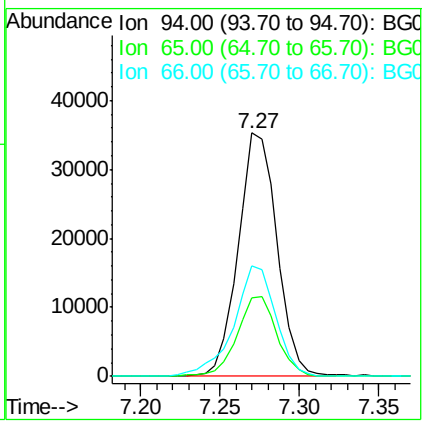


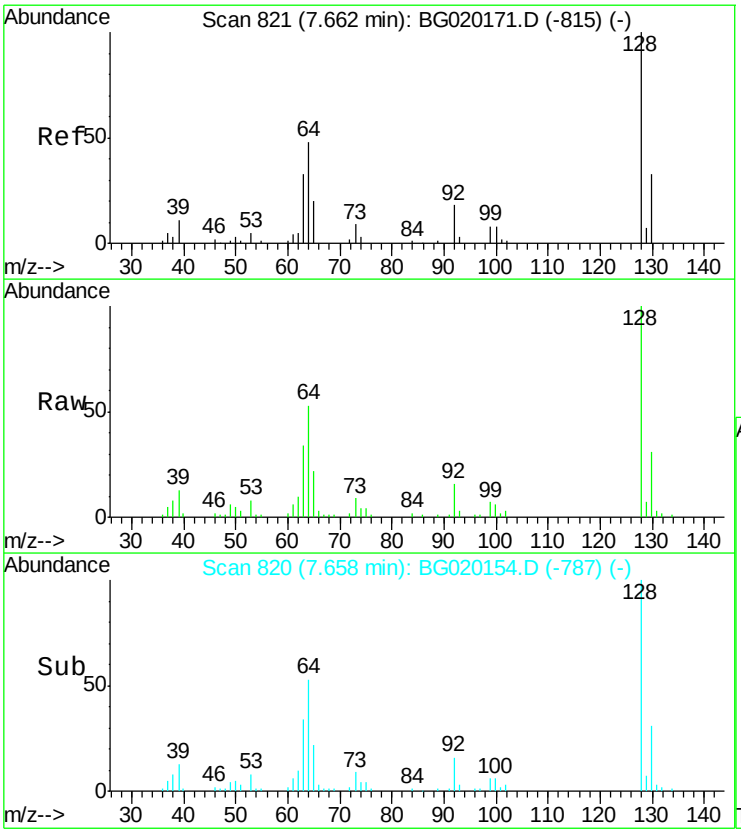
#6
Phenol
Concen: 30.04 ng/ul
RT: 7.27 min Scan# 754
Delta R.T. -0.00 min
Lab File: BG020154.D
Acq: 14 Dec 2015 14:10

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion: 94 Resp: 59856

Ion	Ratio	Lower	Upper
94	100		
65	32.5	26.3	39.5
66	45.4	33.3	49.9

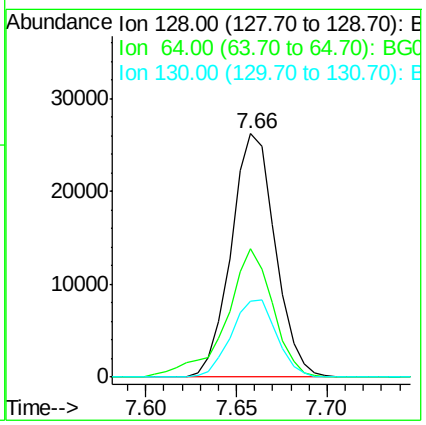


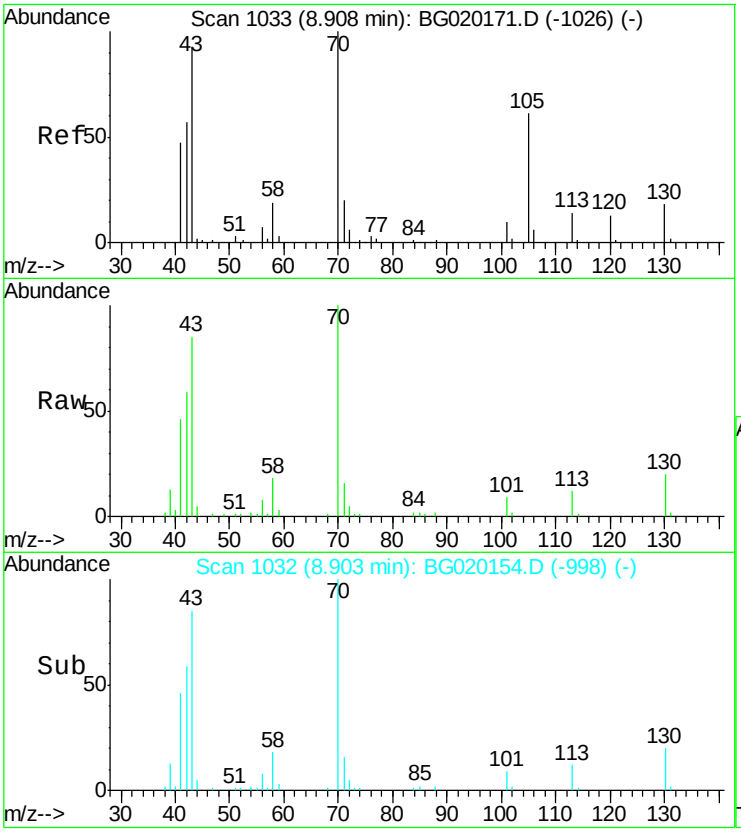


#10
2-Chlorophenol
Concen: 31.24 ng/ul
RT: 7.66 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG020154.D
Acq: 14 Dec 2015 14:10

Tgt Ion:128 Resp: 44278

Ion	Ratio	Lower	Upper
128	100		
64	52.8	39.4	59.0
130	31.3	24.6	36.8



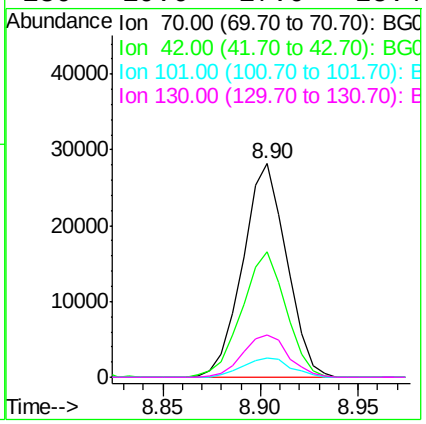


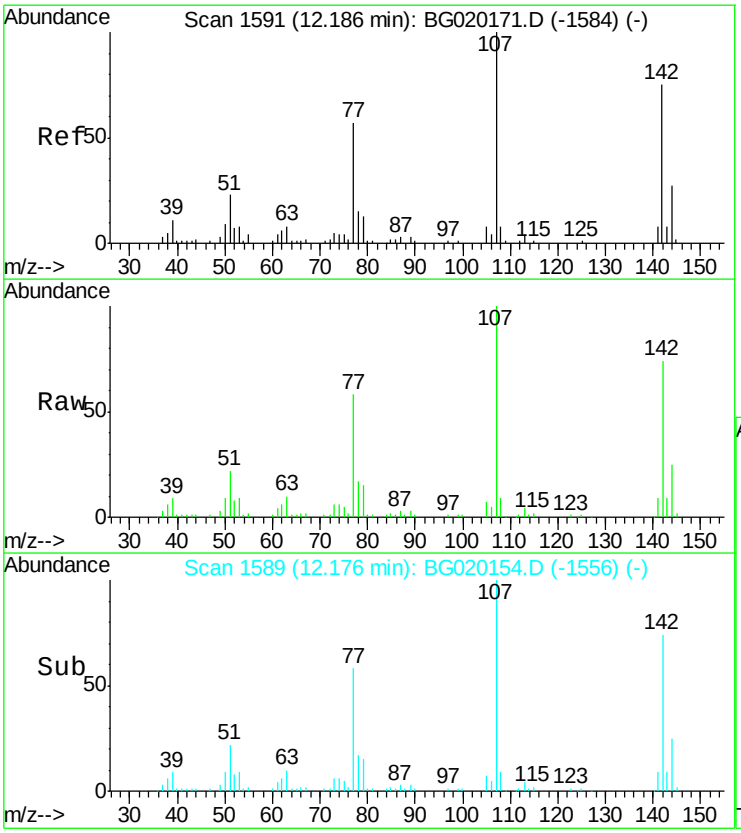
#15
N-Nitroso-di-n-propylamine
Concen: 33.31 ng/ul
RT: 8.90 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG020154.D
Acq: 14 Dec 2015 14:10

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion: 70 Resp: 43939

Ion	Ratio	Lower	Upper
70	100		
42	58.6	44.3	66.5
101	9.2	7.6	11.4
130	19.6	17.0	25.4

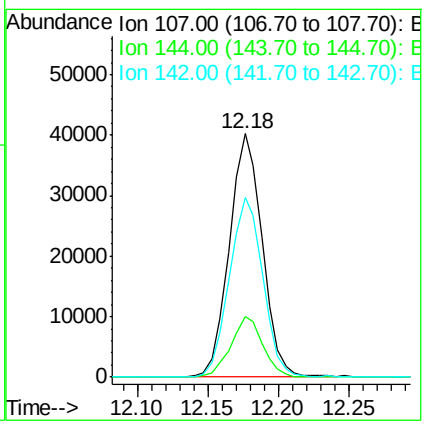


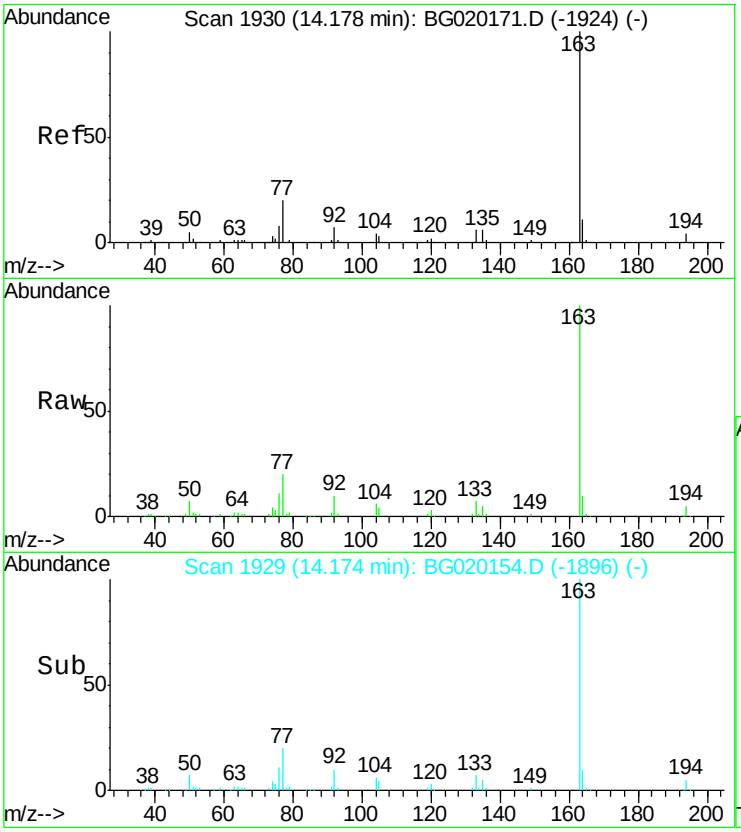


#33
4-Chloro-3-methylphenol
Concen: 31.40 ng/ul
RT: 12.18 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG020154.D
Acq: 14 Dec 2015 14:10

Tgt Ion:107 Resp: 65281

Ion	Ratio	Lower	Upper
107	100		
144	25.1	18.7	28.1
142	73.7	52.8	79.2



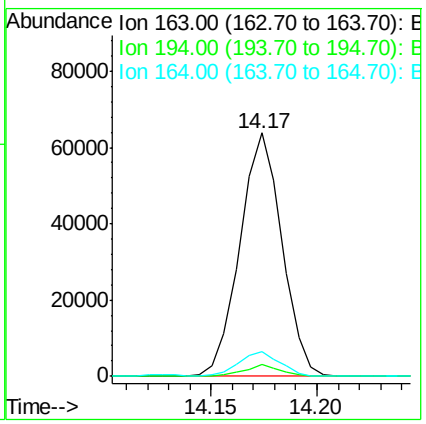


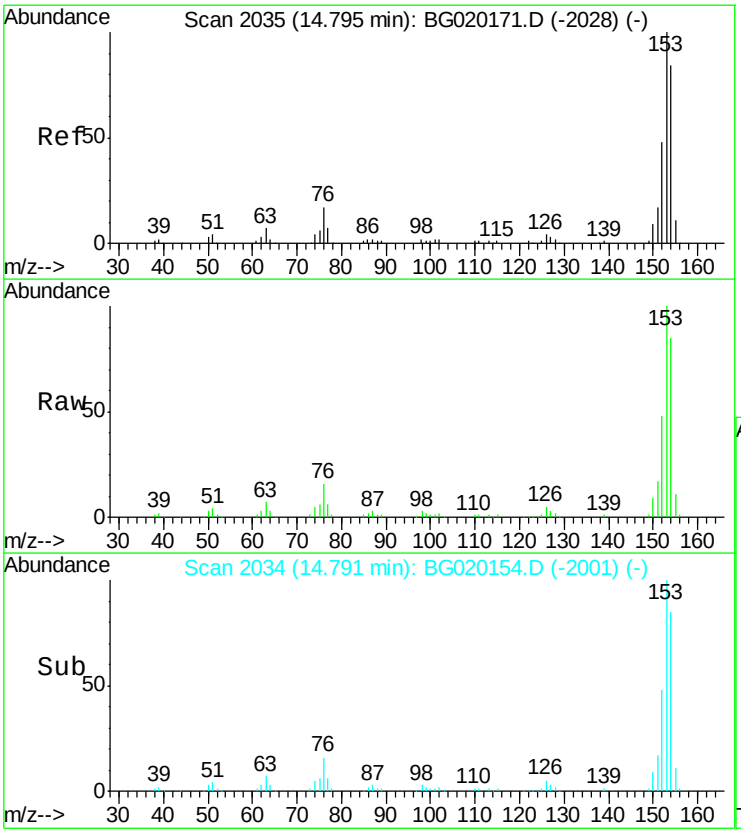
#45
Dimethylphthalate
Concen: 15.15 ng/ul
RT: 14.17 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG020154.D
Acq: 14 Dec 2015 14:10

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion:163 Resp: 88198

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.3	7.7	11.5

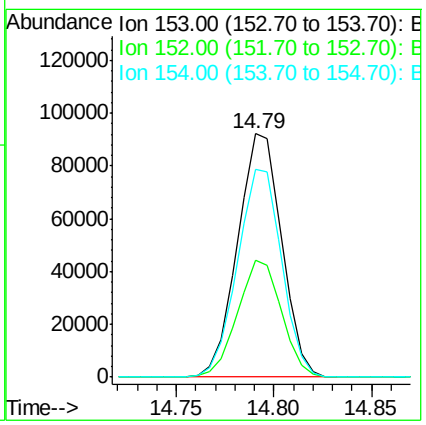


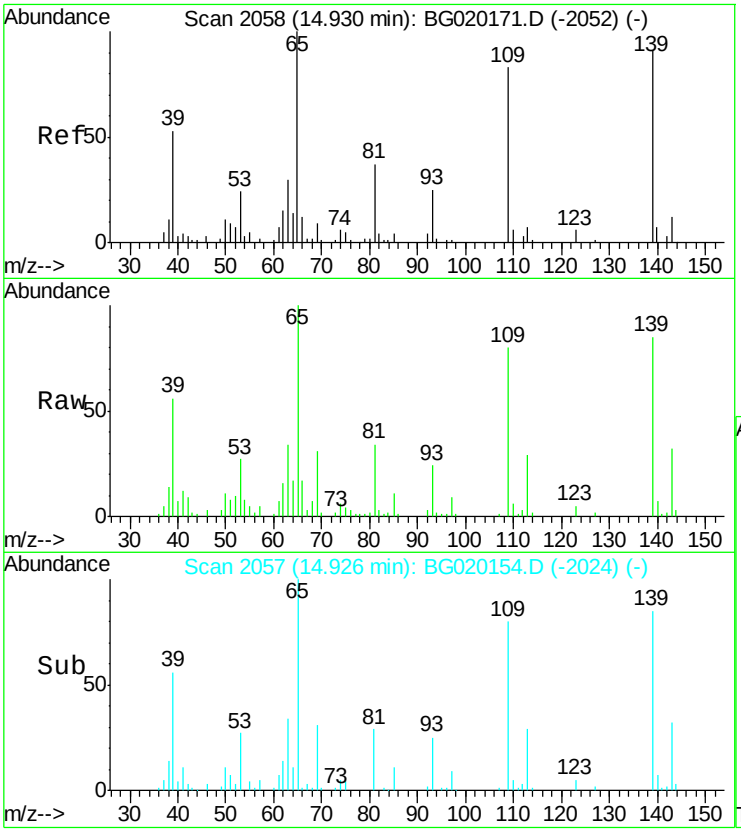


#50
Acenaphthene
Concen: 30.45 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG020154.D
Acq: 14 Dec 2015 14:10

Tgt Ion:153 Resp: 144359

Ion	Ratio	Lower	Upper
153	100		
152	48.2	37.6	56.4
154	85.2	67.9	101.9



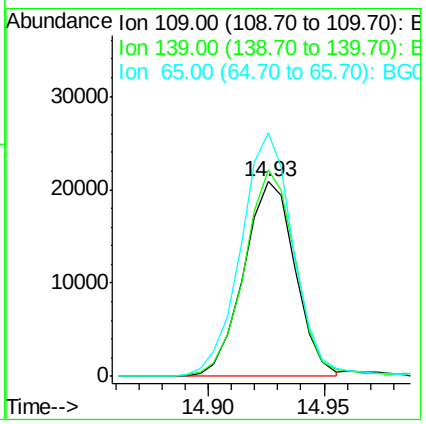


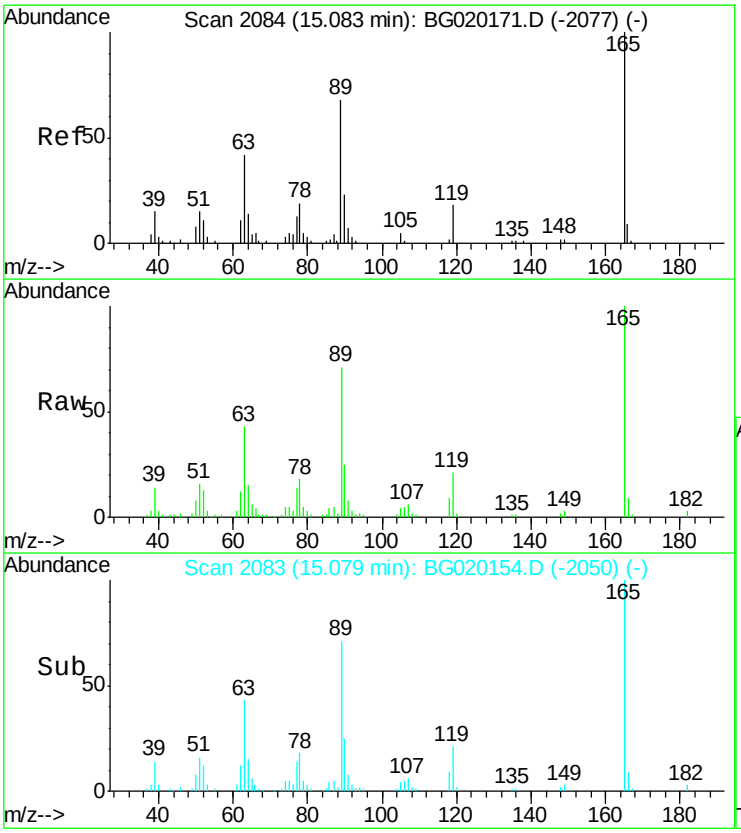
#53
4-Nitrophenol
Concen: 32.75 ng/ul
RT: 14.93 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG020154.D
Acq: 14 Dec 2015 14:10

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion:109 Resp: 32201

Ion	Ratio	Lower	Upper
109	100		
139	105.9	80.5	120.7
65	124.9	93.4	140.2

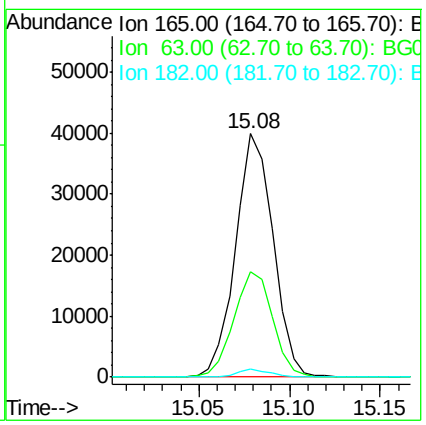


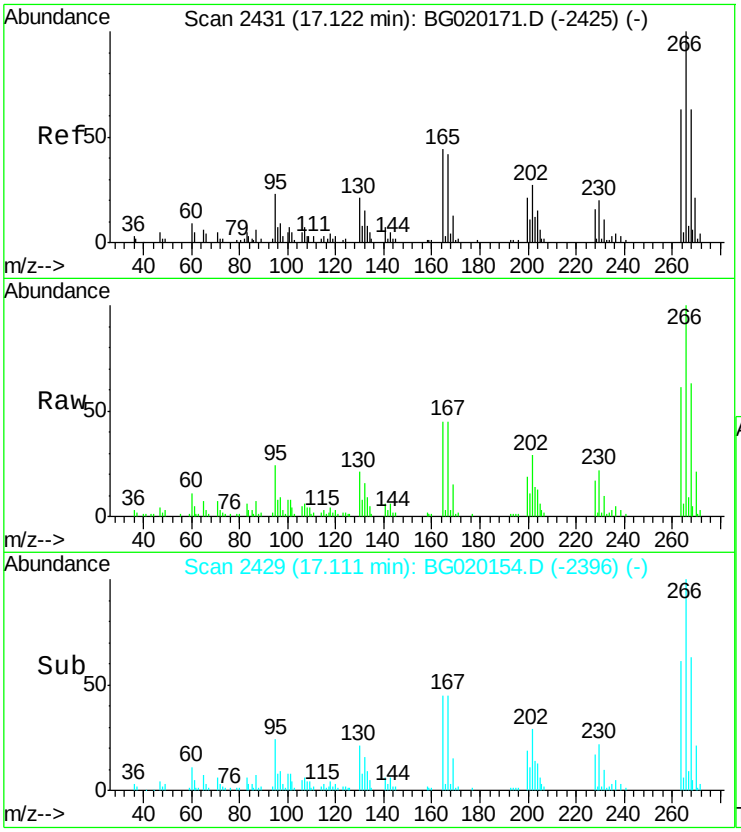


#55
2,4-Dinitrotoluene
Concen: 32.57 ng/ul
RT: 15.08 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG020154.D
Acq: 14 Dec 2015 14:10

Tgt Ion:165 Resp: 57568

Ion	Ratio	Lower	Upper
165	100		
63	43.1	35.8	53.8
182	3.2	2.2	3.2



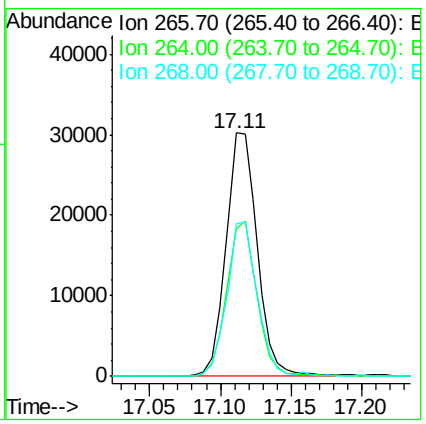


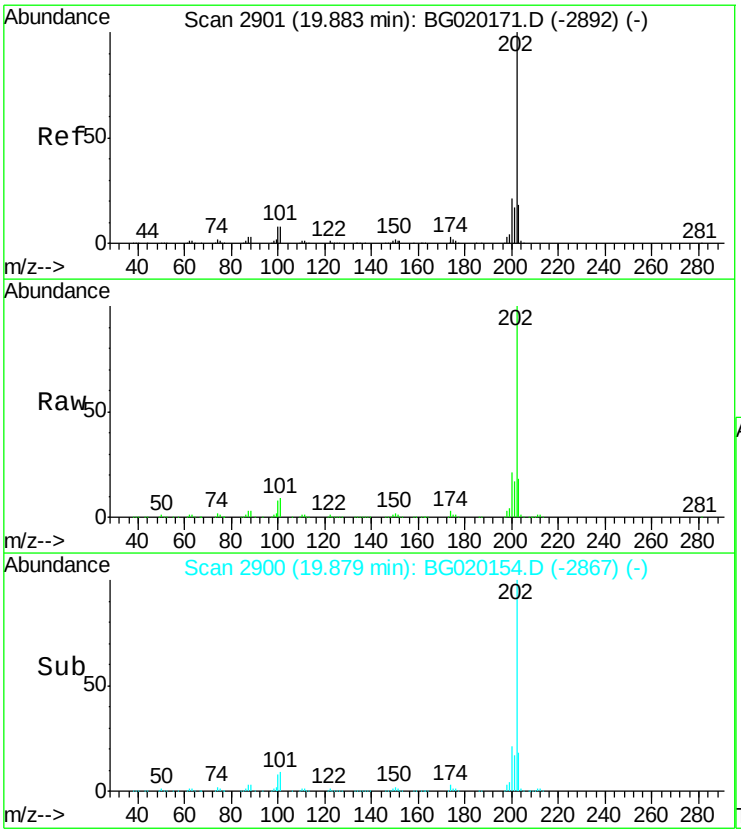
#69
Pentachlorophenol
Concen: 33.44 ng/ul
RT: 17.11 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG020154.D
Acq: 14 Dec 2015 14:10

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion:266 Resp: 46524

Ion	Ratio	Lower	Upper
266	100		
264	60.7	52.2	78.2
268	68.1	49.3	73.9





#80
Pyrene
Concen: 32.47 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG020154.D
Acq: 14 Dec 2015 14:10

Tgt Ion:202 Resp: 403438

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
100	7.5	6.4	9.6