Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018854.D
Acq On : 23 Sep 2015 17:04
Operator : UM/NP
Sample : G3759-11MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHAD3MSD

Manual Integrations APPROVED
MMDadoda
9/24/2015 4:40:27 PM

Quant Time: Sep 24 04:27:24 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 04:11:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	67744	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	291920	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	193081	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	482043	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	563339	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	561773	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	5511	3.91	ng/uL	0.00
5) Phenol-d5	7.16	99	125855	22.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	74381	23.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	100702	23.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	102459	22.70	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	53487	24.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	58124	26.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	107658	22.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	137280	25.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	343908	22.13	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	411490	22.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	57354	19.23	ng/ul	0.00
58) Fluorene-d10	15.62	176	293244	21.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	26853	11.77	ng/ul	0.00
71) Anthracene-d10	17.47	188	475372m	22.40	ng/ul	0.00
79) Pyrene-d10	19.75	212	486702	18.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	363877	13.31	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.19	94	110422	19.19	ng/ul#	85
10) 2-Chlorophenol	7.56	128	86492	19.83	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.80	70	64973	18.32	ng/ul#	83
33) 4-Chloro-3-methylphenol	12.08	107	94366	18.89	ng/ul	98
45) Dimethylphthalate	14.07	163	149373	9.92	ng/ul#	97
50) Acenaphthene	14.69	153	242130	18.35	ng/ul	99
53) 4-Nitrophenol	14.84	109	33847	16.56	ng/ul	88
55) 2,4-Dinitrotoluene	14.98	165	83991	18.63	ng/ul#	80
69) Pentachlorophenol	17.02	266	42926	14.06	ng/ul	97
80) Pyrene	19.78	202	533746	16.11	ng/ul	96

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

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Instrument :
BNA_G
ClientSampleId :
JHAD3MSD

Manual Integrations APPROVED
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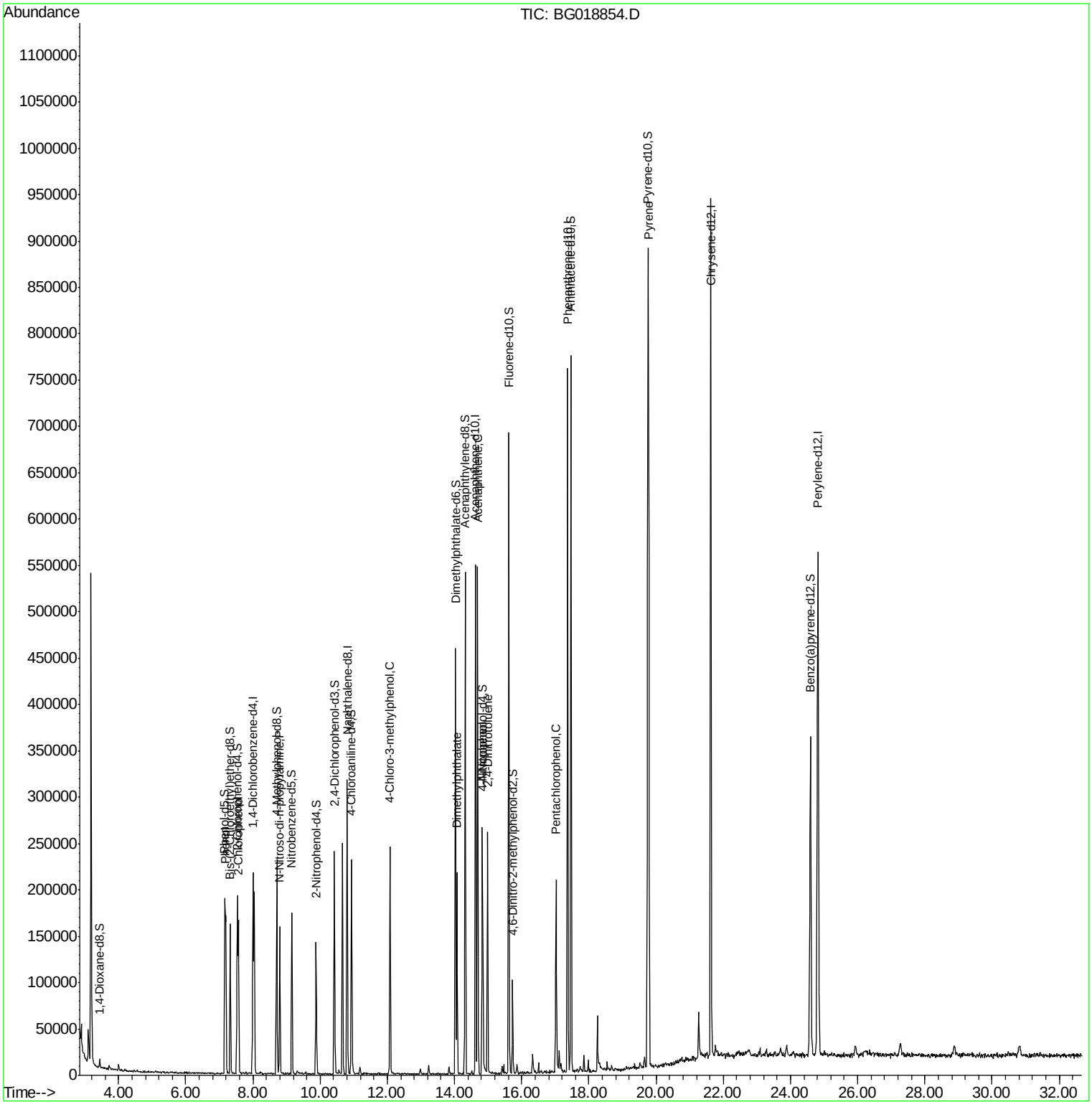
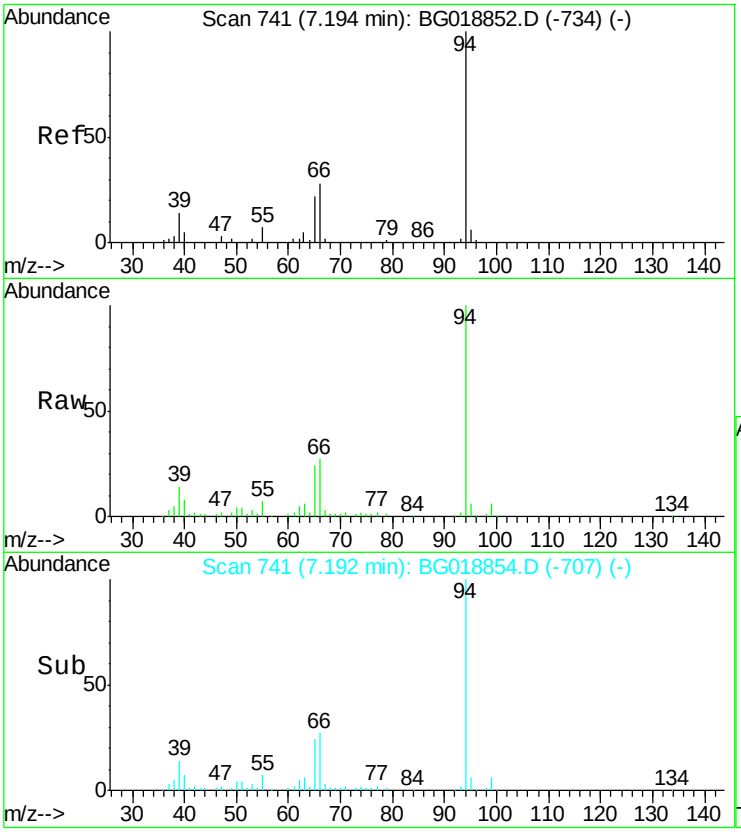
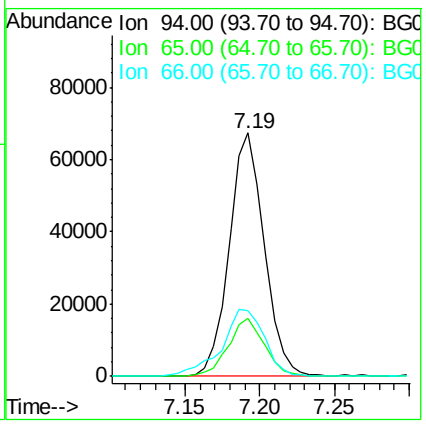




#6
Phenol
Concen: 19.19 ng/ul
RT: 7.19 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG018854.D
Acq: 23 Sep 2015 17:04

Tgt Ion: 94 Resp: 110422

Ion	Ratio	Lower	Upper
94	100		
65	24.0	23.0	34.6
66	27.1	31.0	46.4#



Instrument :
BNA_G
ClientSampleId :
JHAD3MSD

Manual Integrations APPROVED
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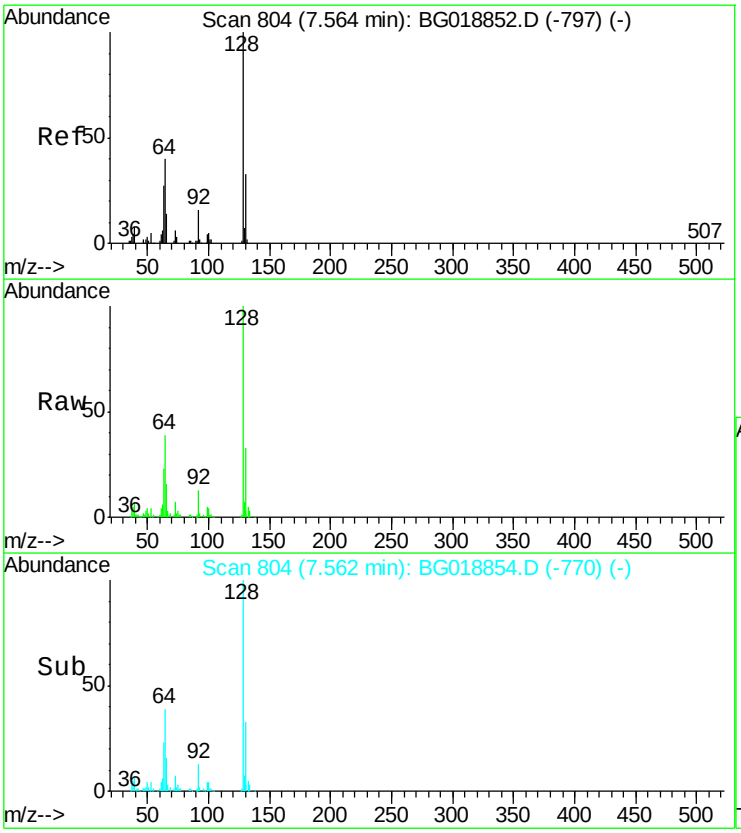
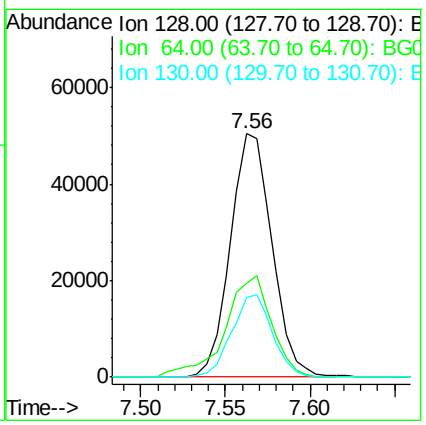
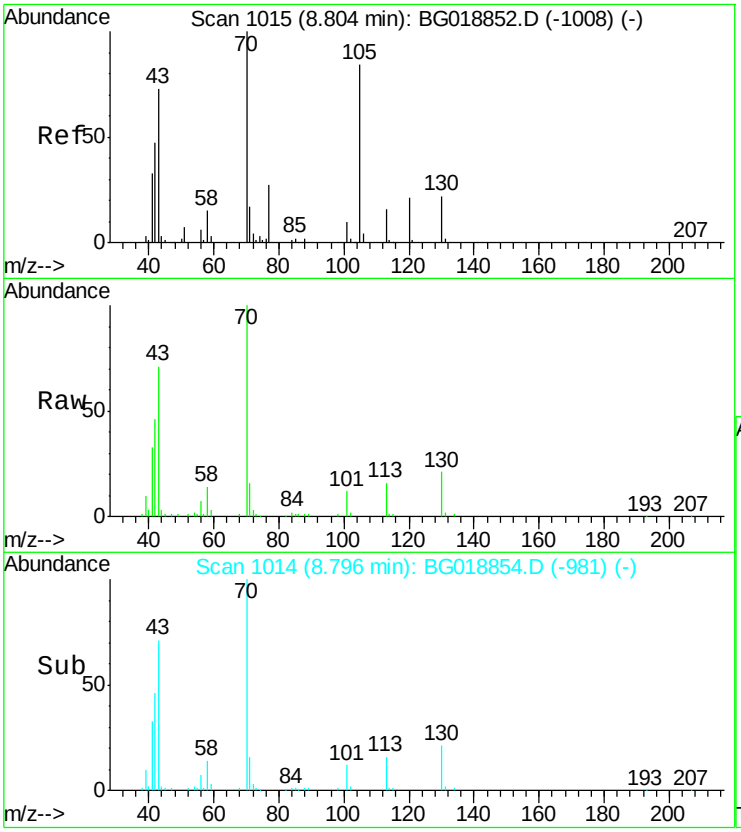


#10
2-Chlorophenol
Concen: 19.83 ng/ul
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG018854.D
Acq: 23 Sep 2015 17:04

Tgt Ion:128 Resp: 86492

Ion	Ratio	Lower	Upper
128	100		
64	38.7	40.9	61.3#
130	32.9	24.5	36.7

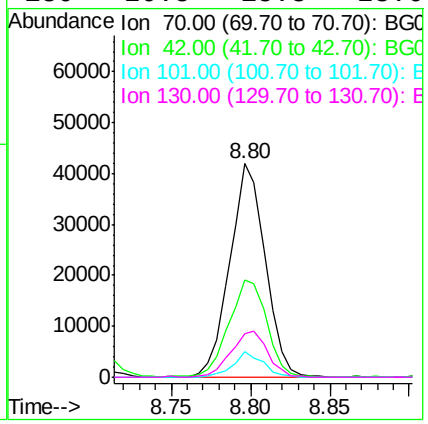




#15
N-Nitroso-di-n-propylamine
Concen: 18.32 ng/ul
RT: 8.80 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG018854.D
Acq: 23 Sep 2015 17:04

Tgt Ion: 70 Resp: 64973

Ion	Ratio	Lower	Upper
70	100		
42	45.6	50.7	76.1#
101	12.2	7.4	11.2#
130	20.5	15.8	23.6



Instrument :
BNA_G
ClientSampleId :
JHAD3MSD

Manual Integrations APPROVED
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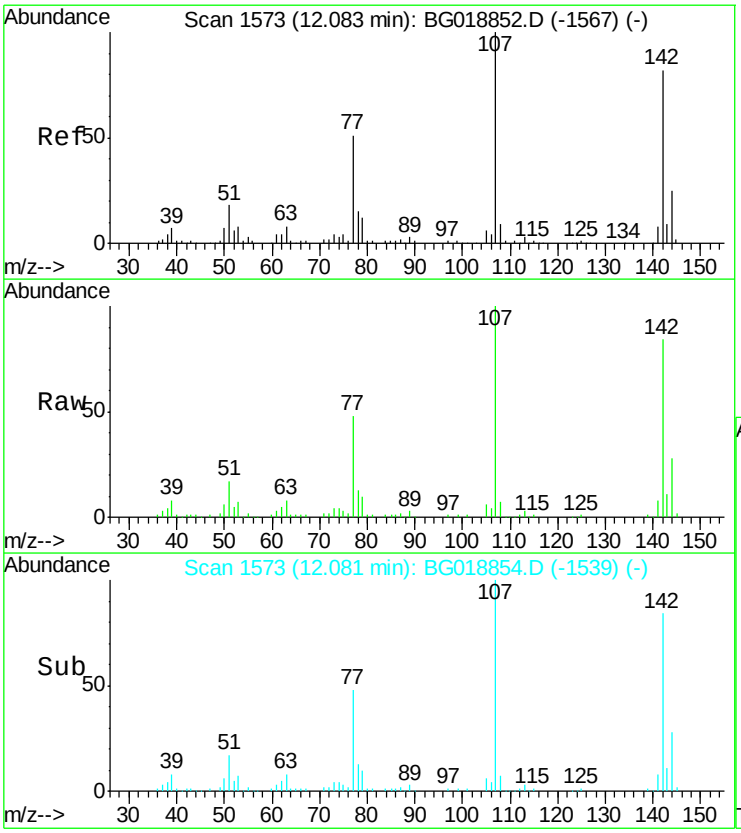
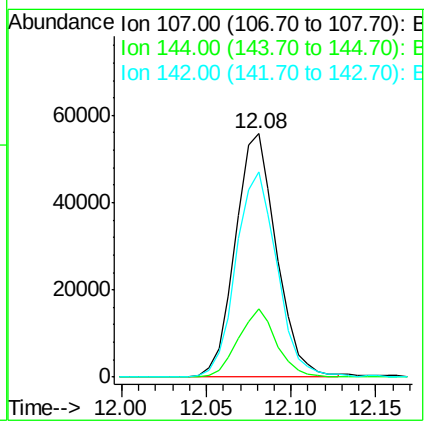
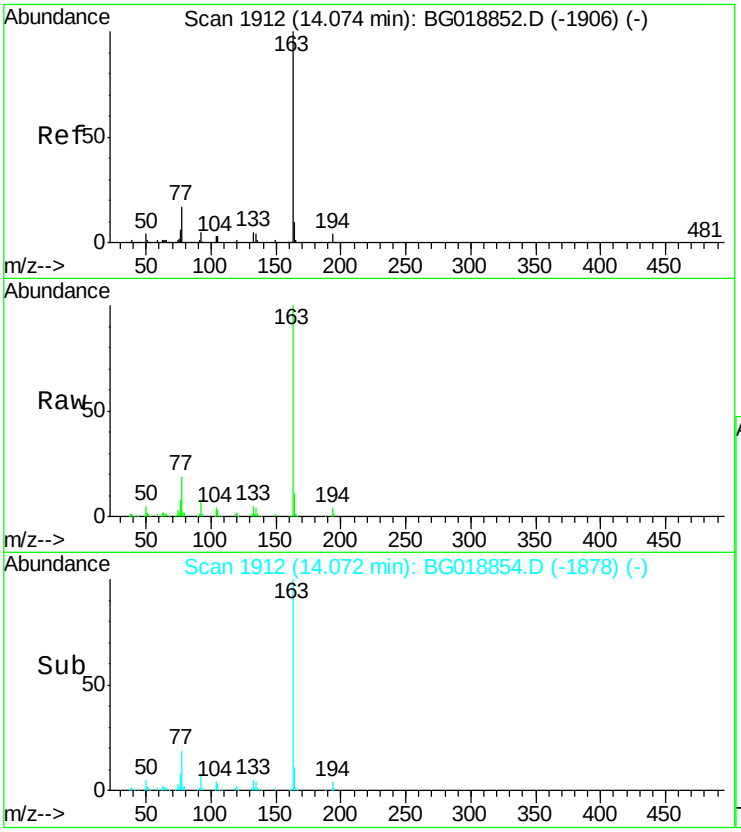


#33
4-Chloro-3-methylphenol
Concen: 18.89 ng/ul
RT: 12.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BG018854.D
Acq: 23 Sep 2015 17:04

Tgt Ion:107 Resp: 94366

Ion	Ratio	Lower	Upper
107	100		
144	28.0	21.4	32.2
142	84.2	66.0	99.0

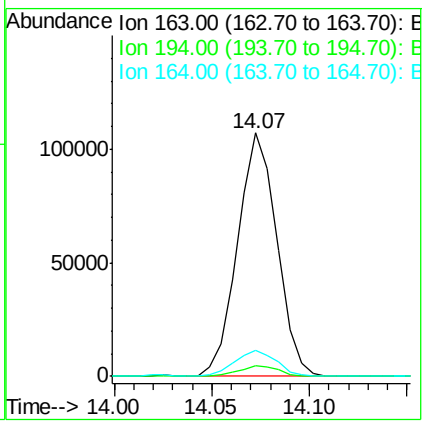




#45
Dimethylphthalate
Concen: 9.92 ng/ul
RT: 14.07 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BG018854.D
Acq: 23 Sep 2015 17:04

Tgt Ion:163 Resp: 149373

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.9	4.3#
164	10.7	7.7	11.5



Instrument :
BNA_G
ClientSampleId :
JHAD3MSD

Manual Integrations APPROVED
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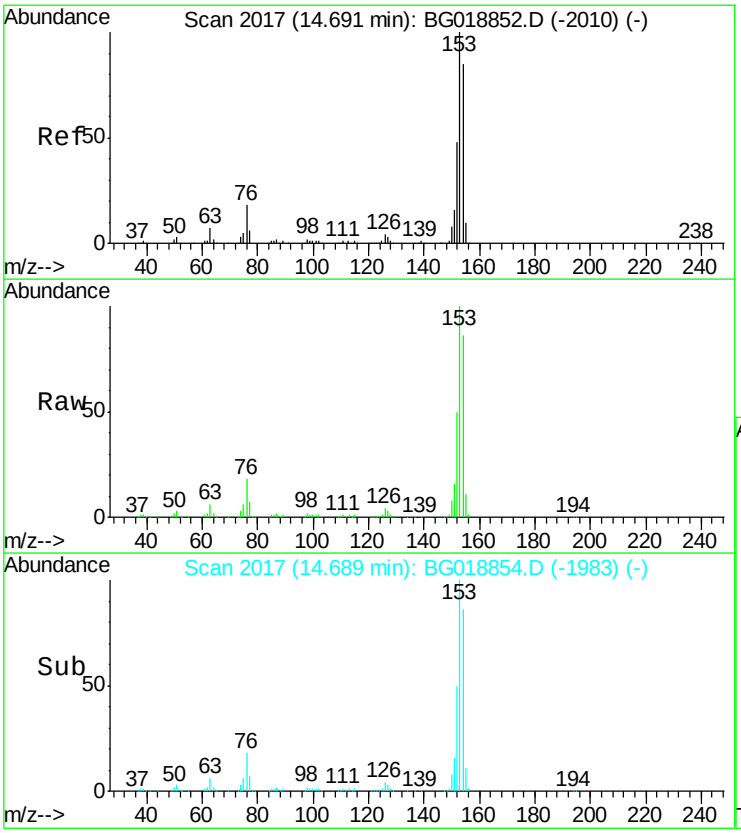
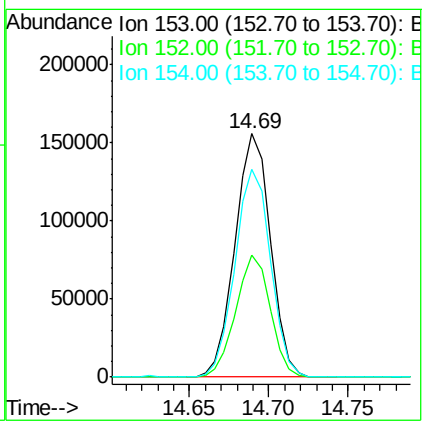
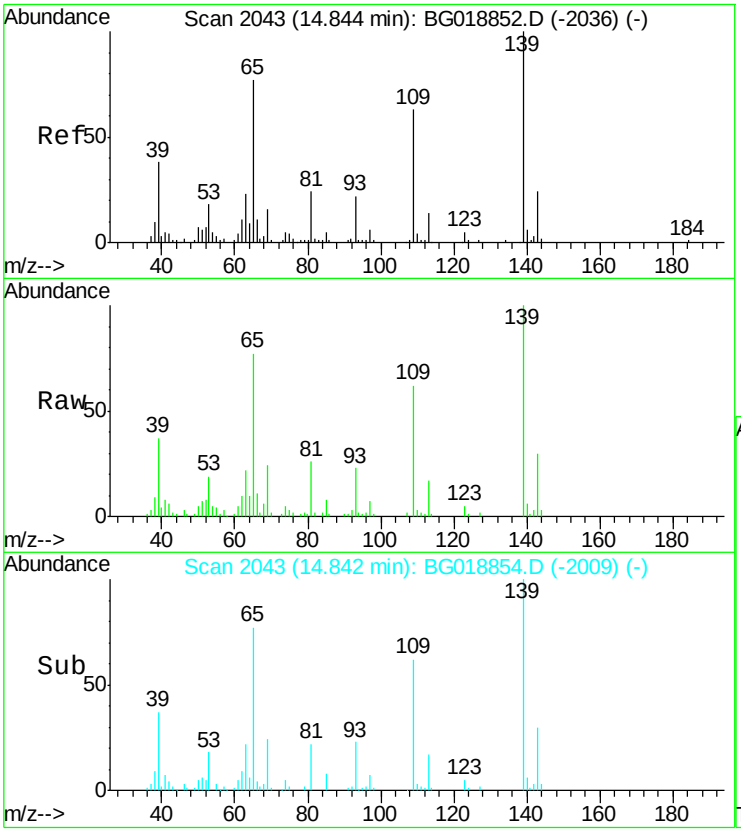


#50
Acenaphthene
Concen: 18.35 ng/ul
RT: 14.69 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG018854.D
Acq: 23 Sep 2015 17:04

Tgt Ion:153 Resp: 242130

Ion	Ratio	Lower	Upper
153	100		
152	49.9	38.2	57.4
154	85.6	68.6	103.0

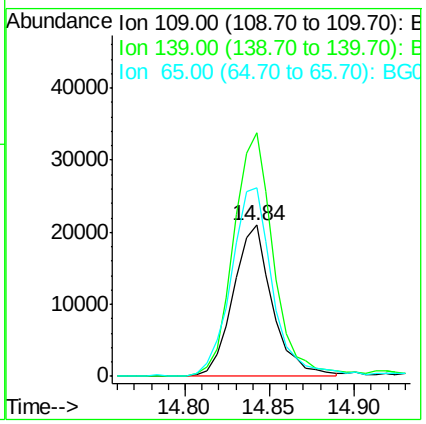




#53
4-Nitrophenol
Concen: 16.56 ng/ul
RT: 14.84 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG018854.D
Acq: 23 Sep 2015 17:04

Tgt Ion:109 Resp: 33847

Ion	Ratio	Lower	Upper
109	100		
139	160.8	111.3	166.9
65	124.6	105.3	157.9



Instrument :
BNA_G
ClientSampleId :
JHAD3MSD

Manual Integrations APPROVED
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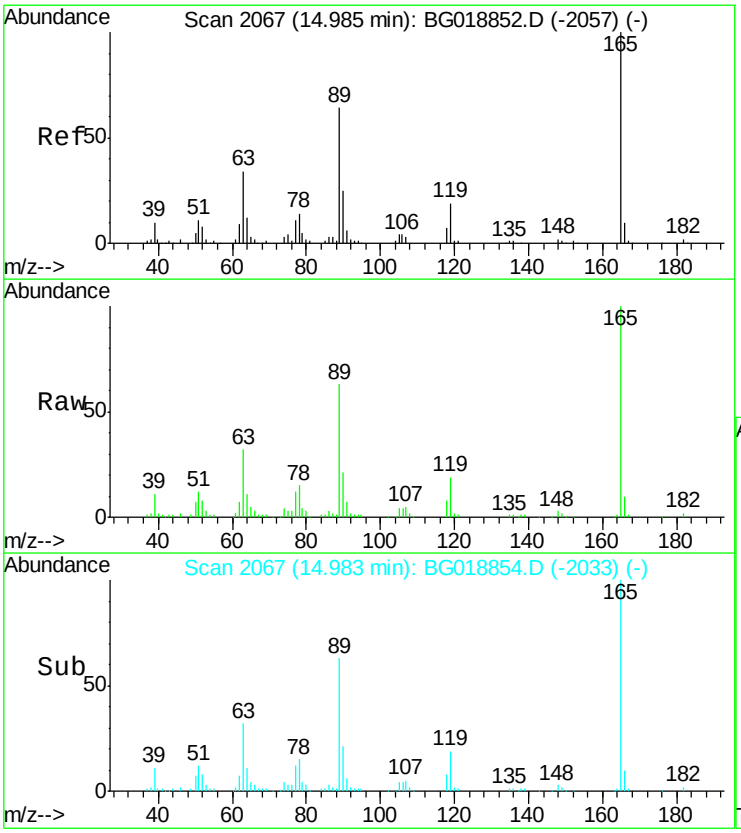
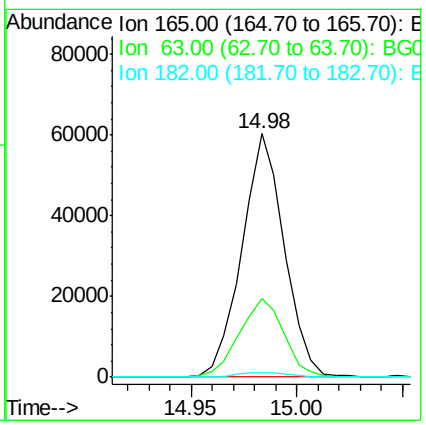
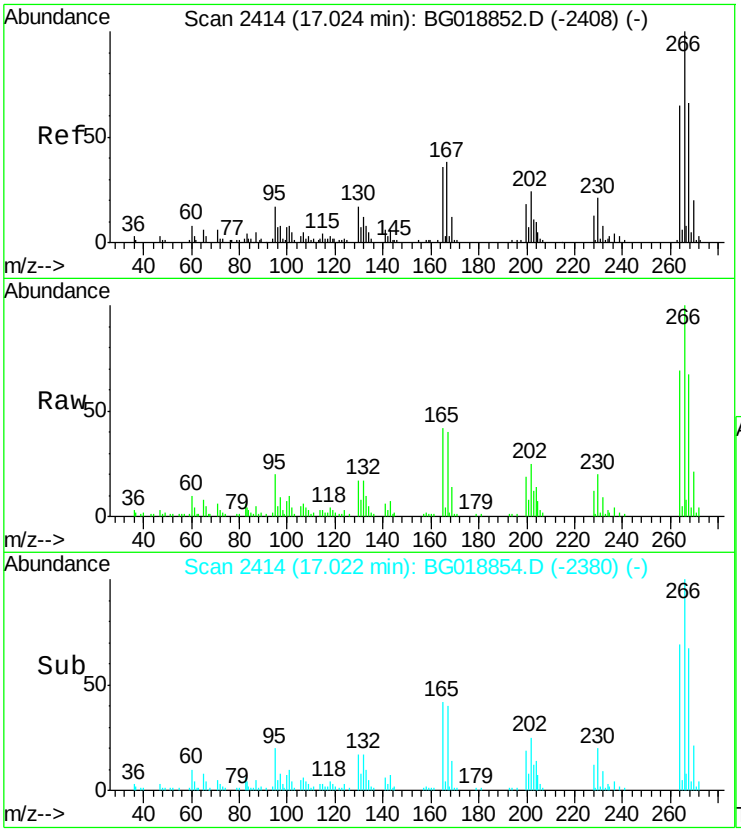


#55
2,4-Dinitrotoluene
Concen: 18.63 ng/ul
RT: 14.98 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BG018854.D
Acq: 23 Sep 2015 17:04

Tgt Ion:165 Resp: 83991

Ion	Ratio	Lower	Upper
165	100		
63	32.3	36.7	55.1#
182	1.9	2.2	3.2#

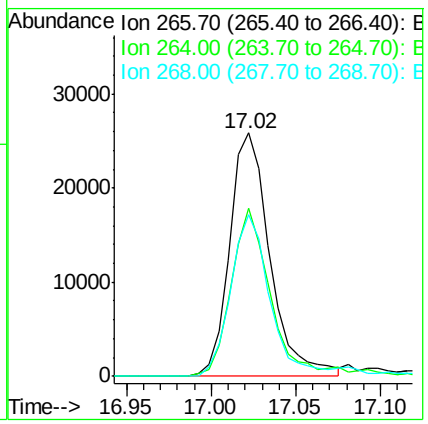




#69
Pentachlorophenol
Concen: 14.06 ng/ul
RT: 17.02 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG018854.D
Acq: 23 Sep 2015 17:04

Tgt Ion:266 Resp: 42926

Ion	Ratio	Lower	Upper
266	100		
264	68.9	55.4	83.0
268	71.0	53.6	80.4



Instrument :
BNA_G
ClientSampleId :
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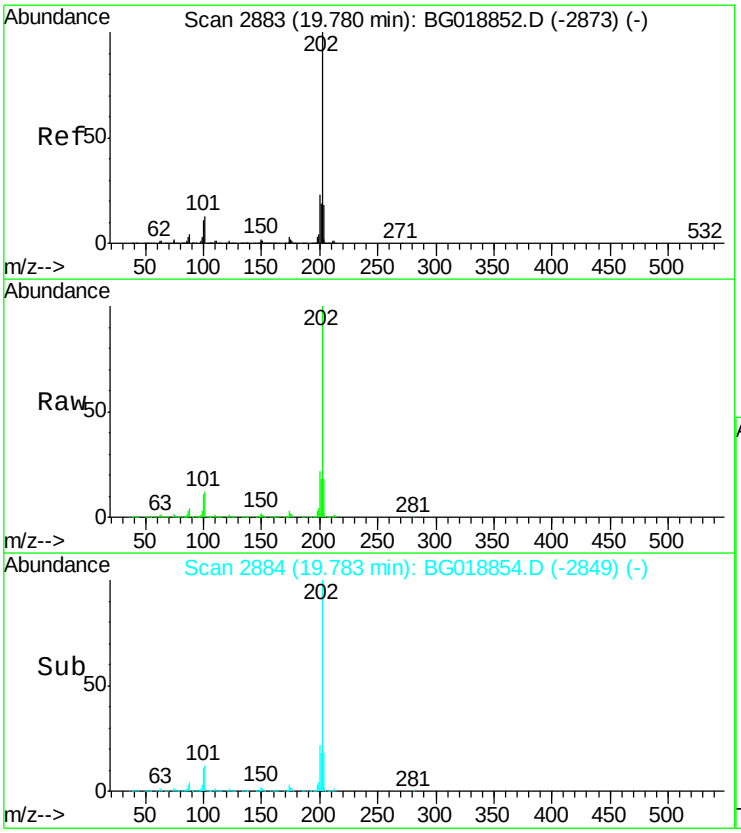

#80
Pyrene
Concen: 16.11 ng/ul
RT: 19.78 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG018854.D
Acq: 23 Sep 2015 17:04

Tgt Ion:202 Resp: 533746

Ion	Ratio	Lower	Upper
202	100		
101	11.8	11.0	16.4
100	10.7	9.8	14.6