Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018204.D
Acq On : 1 Aug 2015 5:13
Operator : TP/UM
Sample : G3065-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02H4

Manual Integrations APPROVED
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8/4/2015 12:23:02 PM

Quant Time: Aug 01 07:44:07 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	59965	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	265284	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	145649	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	276818	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	359926	20.00	ng/ul	0.01
86) Perylene-d12	23.32	264	398728	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	1709	2.15	ng/uL	0.00
5) Phenol-d5	6.67	99	59352	11.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	31015	11.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	48962	12.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	31246	7.12	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	28904	13.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	31206	13.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	51592	12.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	12648	2.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	151582	13.47	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	175117	13.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	9203	4.42	ng/ul	0.00
58) Fluorene-d10	15.16	176	124878	12.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	1040	0.54	ng/ul	0.00
71) Anthracene-d10	17.01	188	158659m	13.18	ng/ul	0.00
79) Pyrene-d10	19.33	212	178056	10.23	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.18	264	237044	11.76	ng/ul	0.04
Target Compounds						Qvalue
28) Naphthalene	10.31	128	56200	4.40	ng/ul	98
34) 2-Methylnaphthalene	11.94	142	53960	5.34	ng/ul	92
35) 1-Methylnaphthalene	12.17	142	30300	3.12	ng/ul#	98
45) Dimethylphthalate	13.62	163	25727	2.30	ng/ul	96
50) Acenaphthene	14.22	153	16096	1.91	ng/ul	93
54) Dibenzofuran	14.56	168	15861	1.25	ng/ul#	67
59) Fluorene	15.21	166	21756	1.98	ng/ul#	95
70) Phenanthrene	16.96	178	173294	12.32	ng/ul	98
72) Anthracene	17.04	178	54501	3.90	ng/ul	95
75) Carbazole	17.32	167	17383	1.50	ng/ul#	79
76) Di-n-butylphthalate	17.90	149	32217	2.08	ng/ul#	86
77) Fluoranthene	18.99	202	345843	22.39	ng/ul	97
80) Pyrene	19.36	202	343996	15.76	ng/ul#	92
81) Butylbenzylphthalate	20.28	149	59730	6.74	ng/ul#	76
83) Benzo(a)anthracene	21.12	228	194124	10.02	ng/ul#	94
84) Bis(2-ethylhexyl)phthalate	21.06	149	529416	44.25	ng/ul#	98
85) Chrysene	21.16	228	212646	11.98	ng/ul#	92
88) Benzo(b)fluoranthene	22.67	252	354037	14.78	ng/ul#	85
89) Benzo(k)fluoranthene	22.70	252	95476m	4.34	ng/ul	
91) Benzo(a)pyrene	23.22	252	223374	10.42	ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	25.53	276	158722	6.40	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.54	278	42620	2.01	ng/ul#	59
94) Benzo(g,h,i)perylene	26.21	276	153498	7.58	ng/ul#	89

Quantitation Report (LSC Reviewed)

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Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
C02H4

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
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Manual Integrations APPROVED
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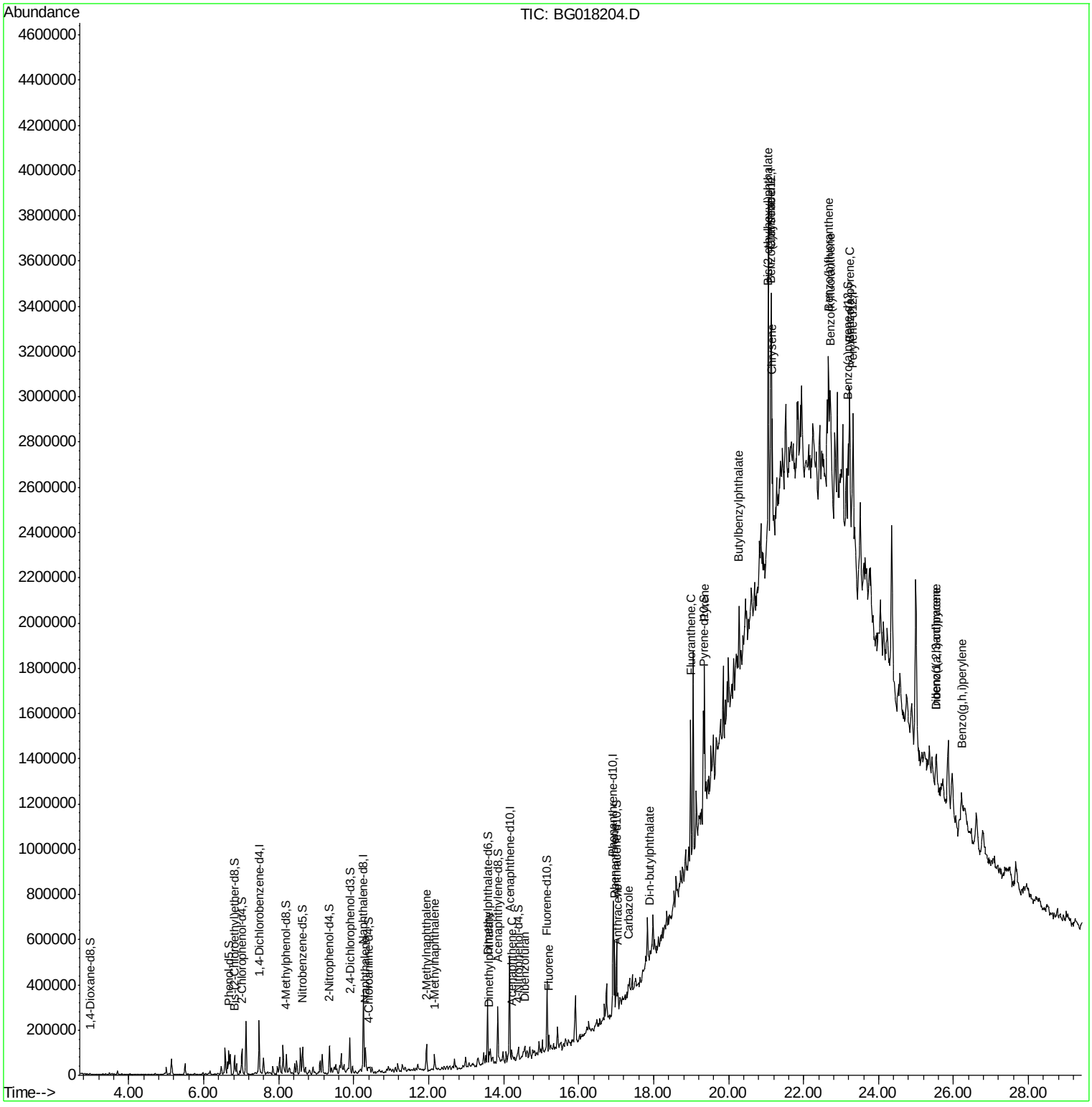

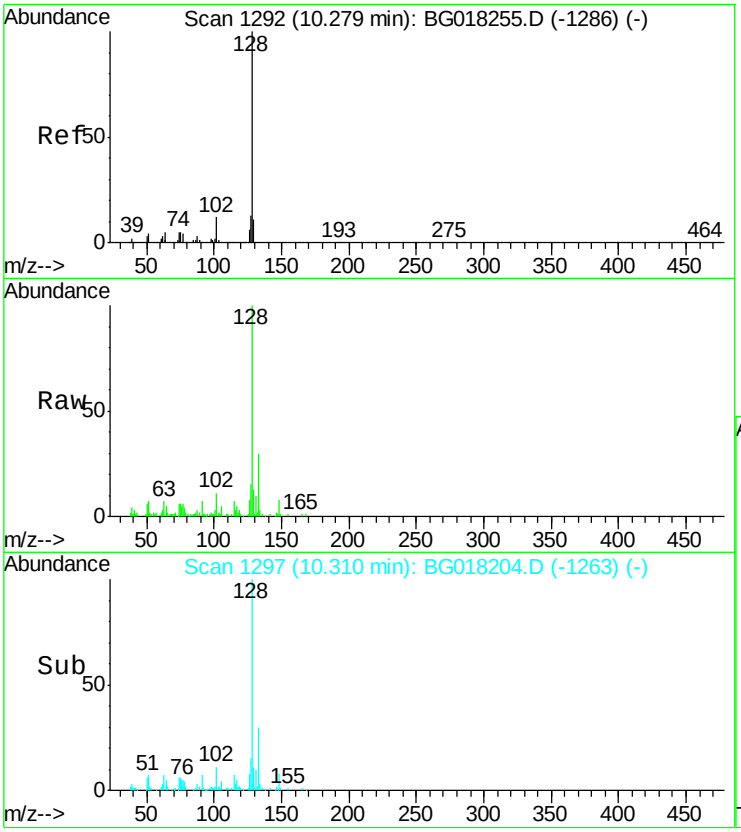

#28
Naphthalene
Concen: 4.40 ng/ul
RT: 10.31 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:128 Resp: 56200

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.1	13.7
127	14.7	11.2	16.8

Instrument :
BNA_G
ClientSampleId :
C02H4

Manual Integrations APPROVED
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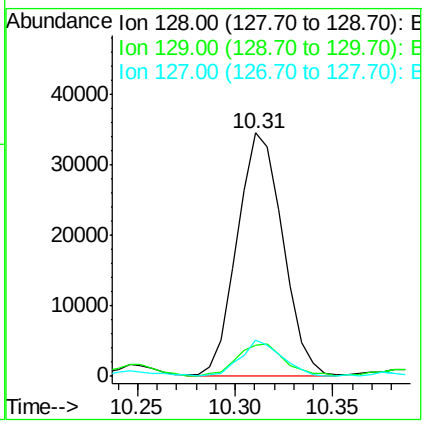
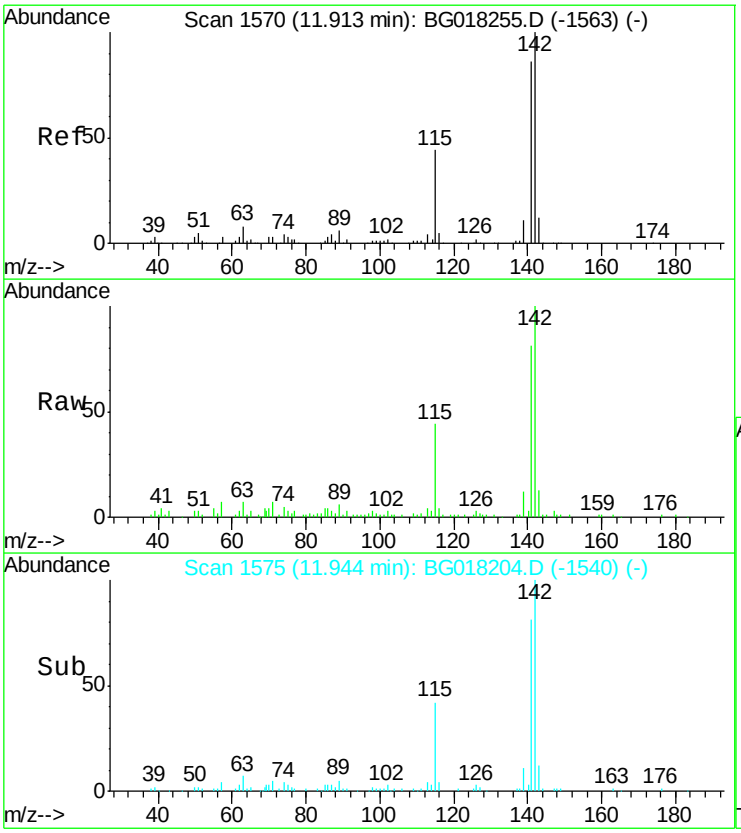
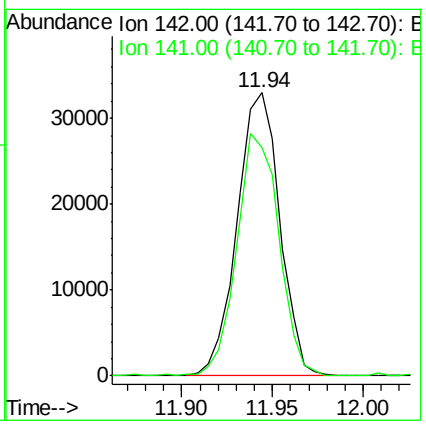


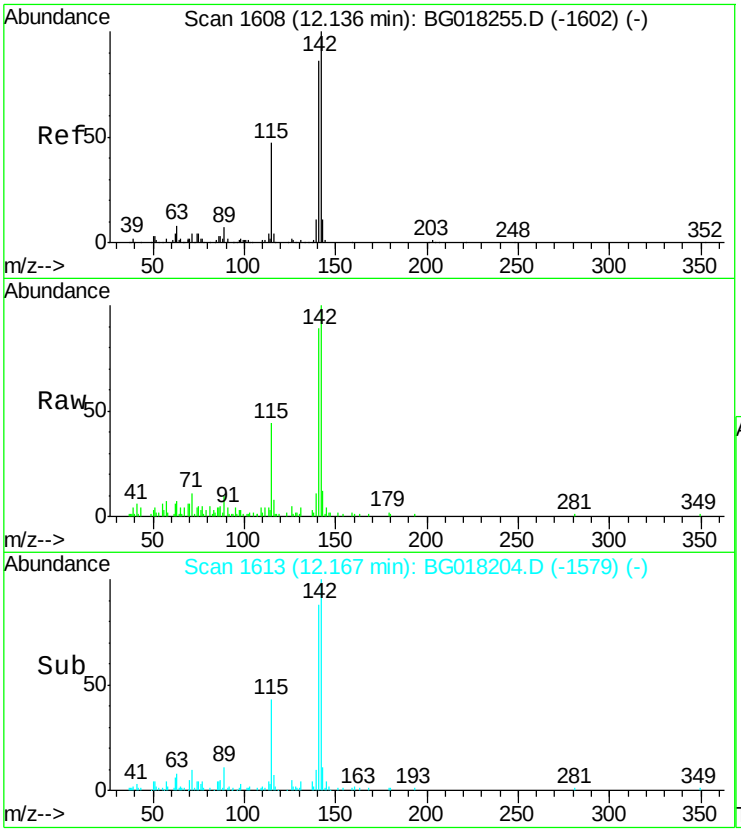


#34
2-Methylnaphthalene
Concen: 5.34 ng/ul
RT: 11.94 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:142 Resp: 53960

Ion	Ratio	Lower	Upper
142	100		
141	80.8	70.3	105.5





#35
1-Methylnaphthalene
Concen: 3.12 ng/ul
RT: 12.17 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:142 Resp: 30300

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.5	108.7
116	7.7	2.6	4.0#

Instrument :
BNA_G
ClientSampleId :
C02H4

Manual Integrations APPROVED
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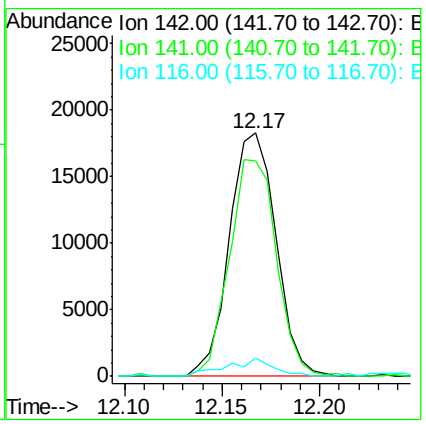
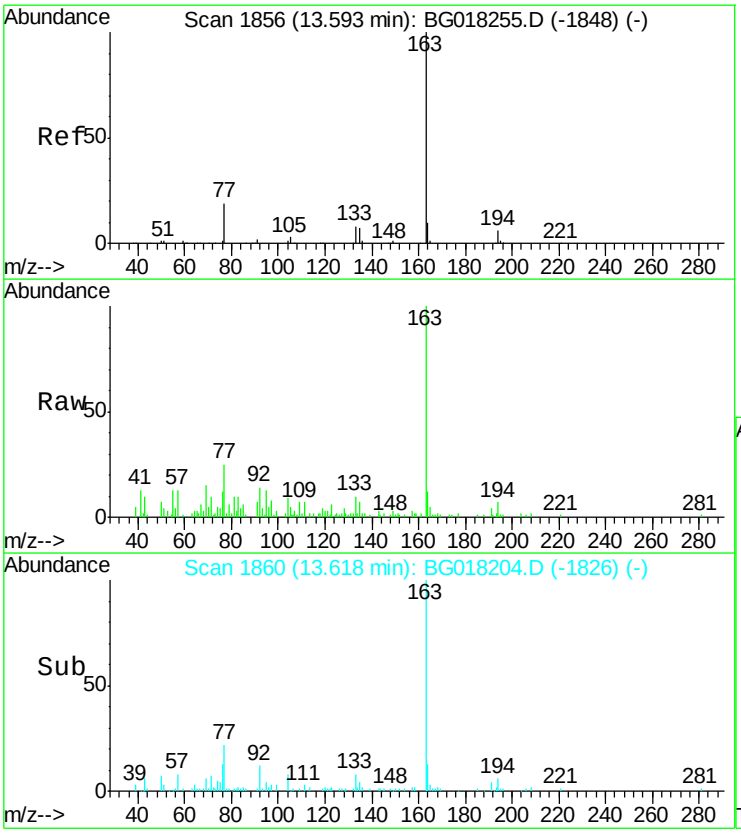
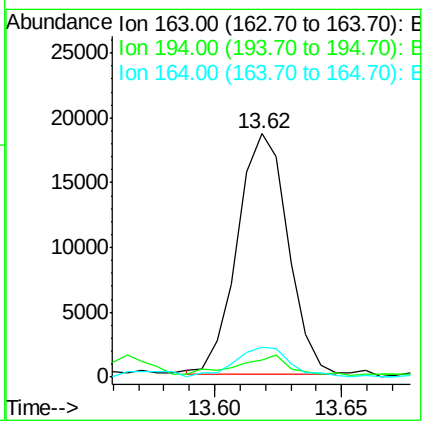


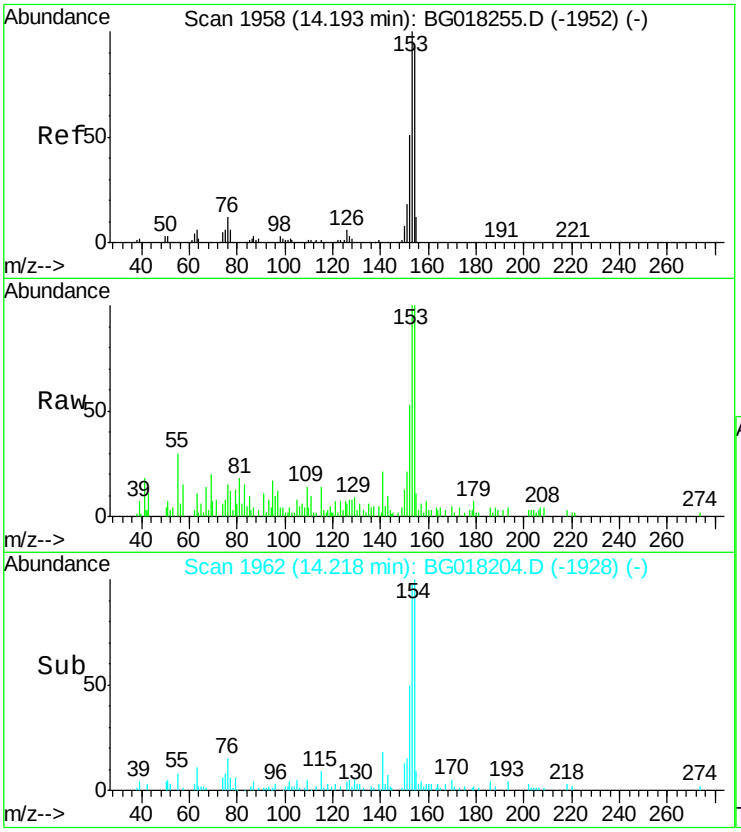


#45
Dimethylphthalate
Concen: 2.30 ng/ul
RT: 13.62 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:163 Resp: 25727

Ion	Ratio	Lower	Upper
163	100		
194	6.9	5.2	7.8
164	12.3	8.4	12.6

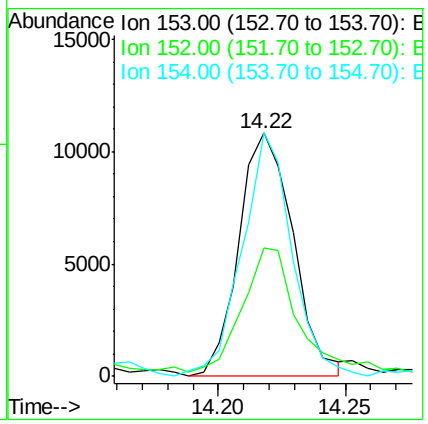




#50
Acenaphthene
Concen: 1.91 ng/ul
RT: 14.22 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:153 Resp: 16096

Ion	Ratio	Lower	Upper
153	100		
152	53.0	38.7	58.1
154	99.8	74.8	112.2



Instrument :
BNA_G
ClientSampleId :
C02H4

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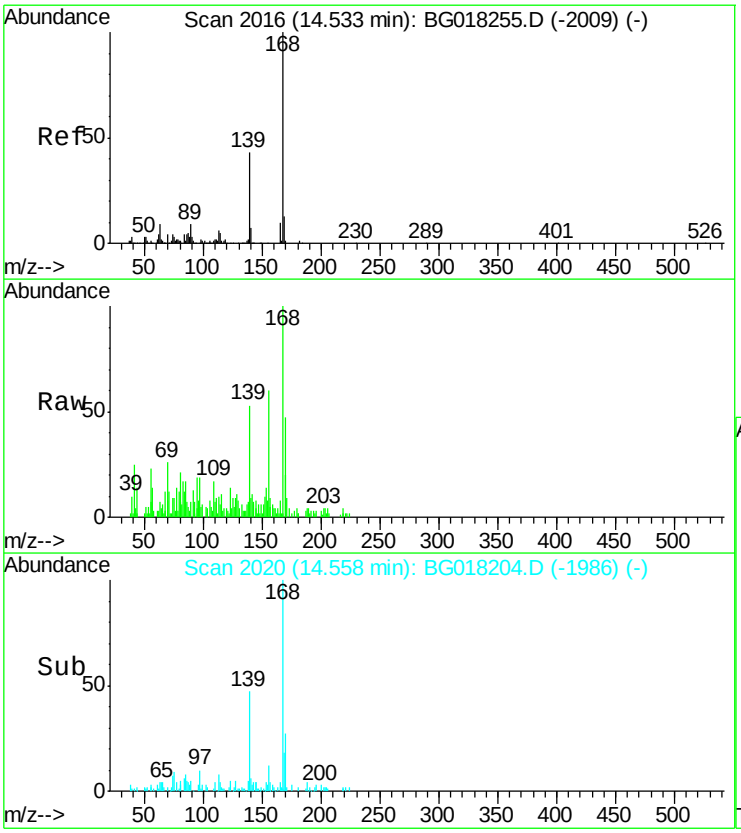
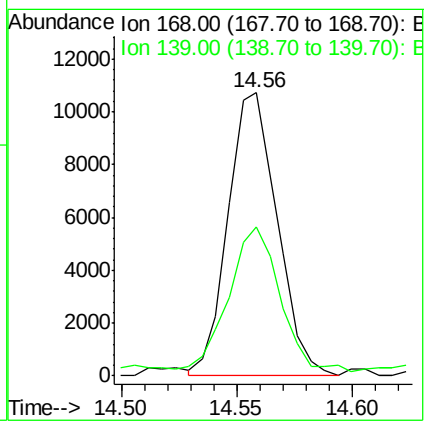
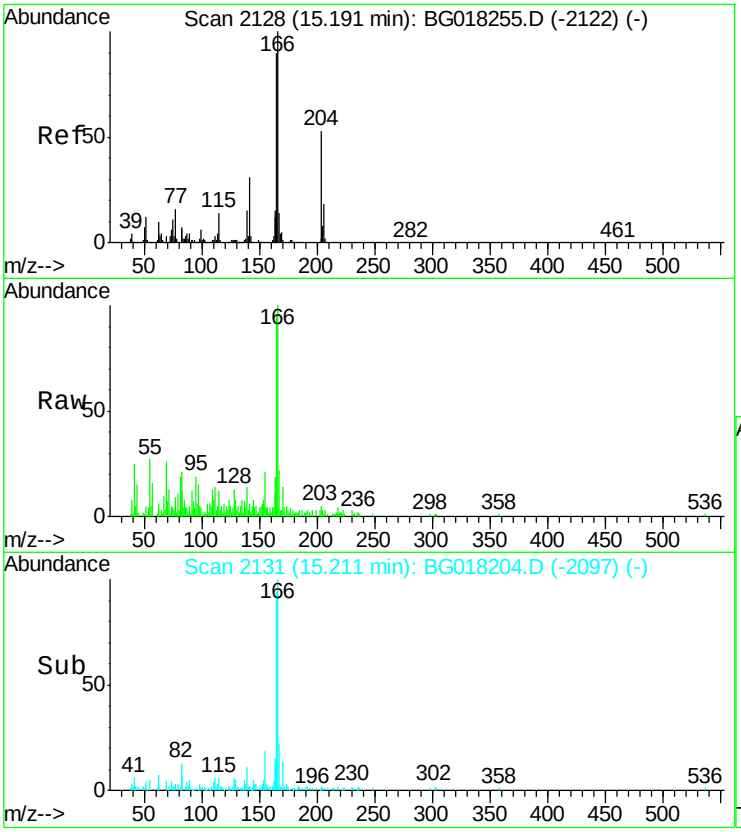


#54
Dibenzofuran
Concen: 1.25 ng/ul
RT: 14.56 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:168 Resp: 15861

Ion	Ratio	Lower	Upper
168	100		
139	52.6	26.8	40.2#





#59
Fluorene
Concen: 1.98 ng/ul
RT: 15.21 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:166 Resp: 21756

Ion	Ratio	Lower	Upper
166	100		
165	96.4	75.1	112.7
167	22.3	11.8	17.6#

Instrument :
BNA_G
ClientSampleId :
C02H4

Manual Integrations APPROVED
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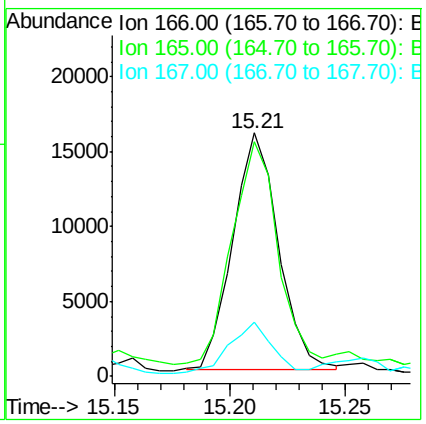
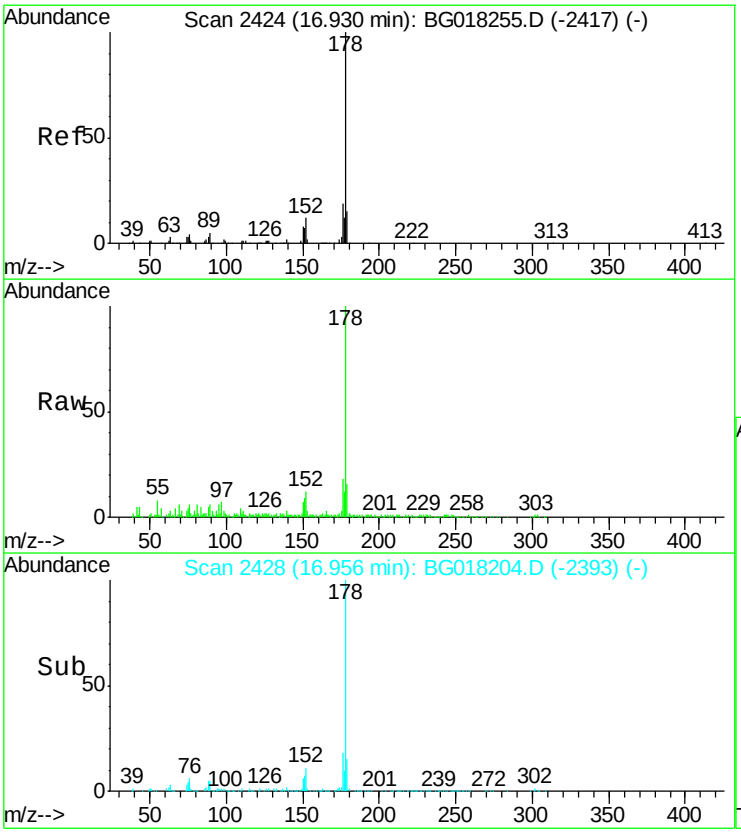
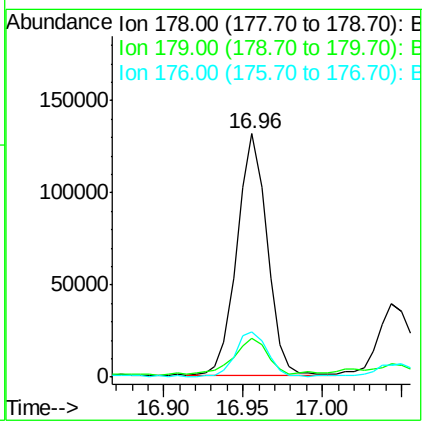


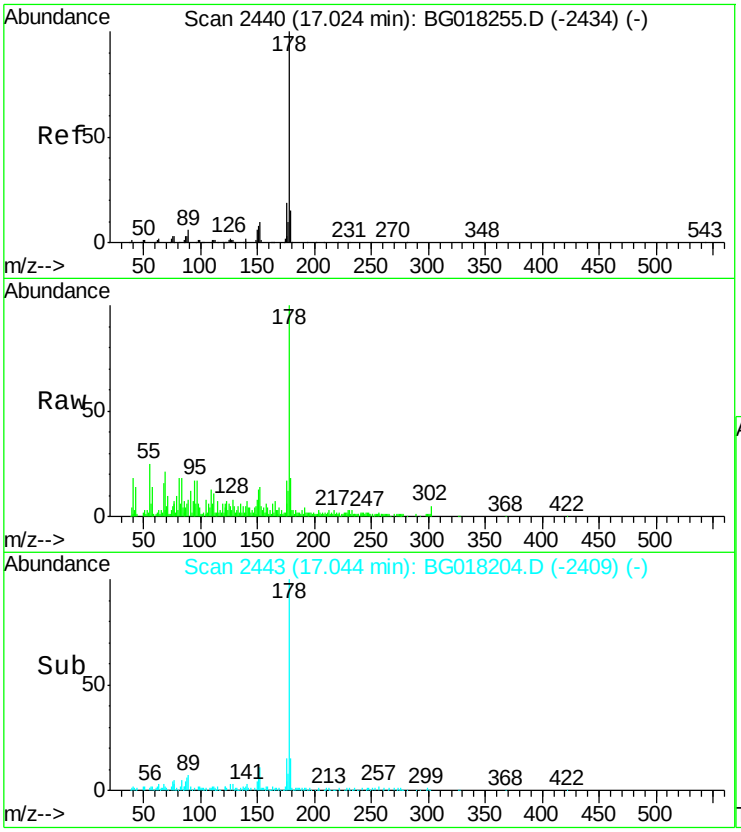


#70
Phenanthrene
Concen: 12.32 ng/ul
RT: 16.96 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:178 Resp: 173294

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	18.4	16.0	24.0

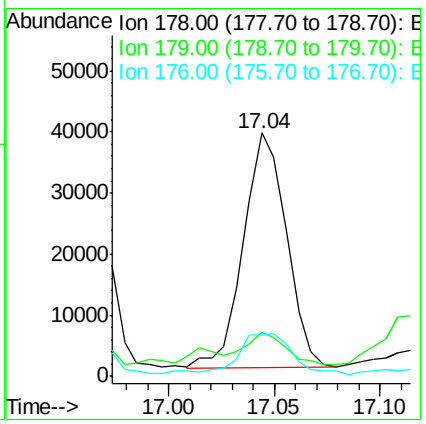




#72
Anthracene
Concen: 3.90 ng/ul
RT: 17.04 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:178 Resp: 54501

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.2	18.2
176	16.8	14.8	22.2



Instrument :
BNA_G
ClientSampleId :
C02H4

Manual Integrations APPROVED
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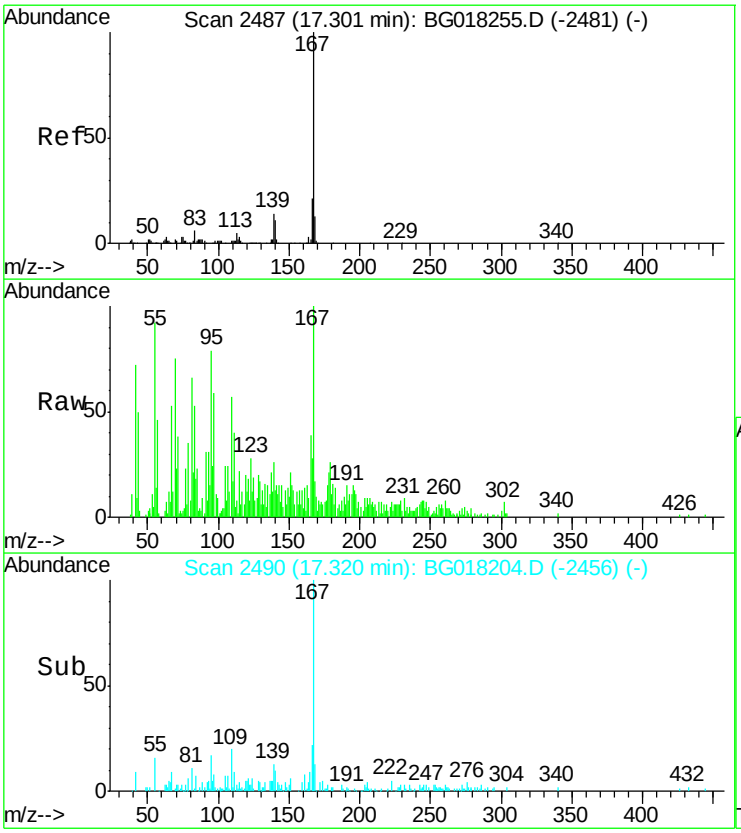
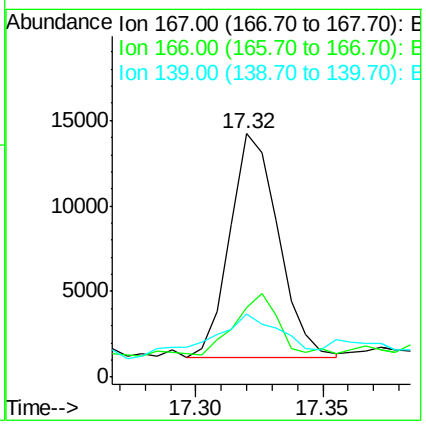
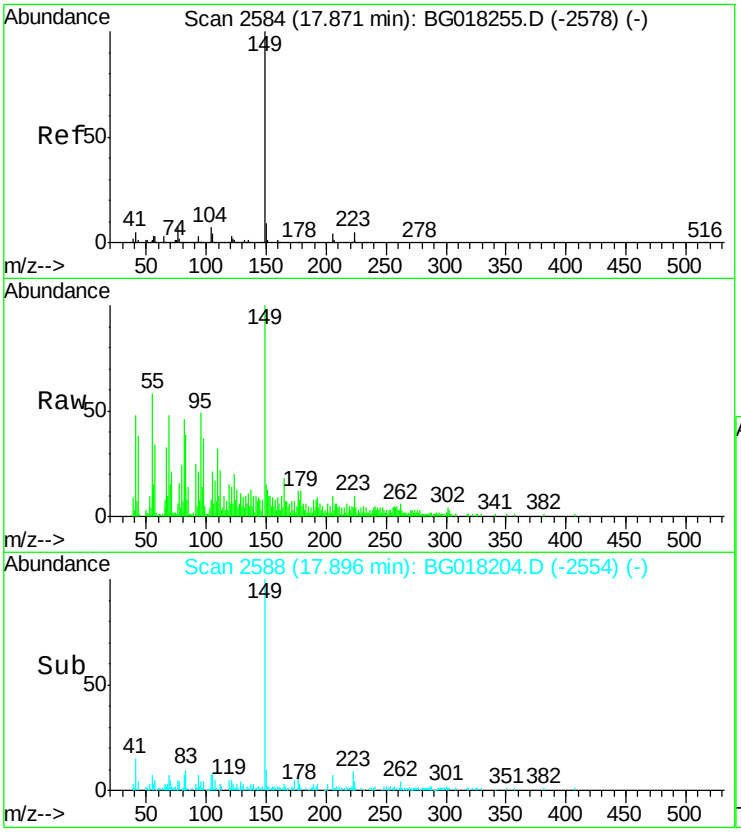


#75
Carbazole
Concen: 1.50 ng/ul
RT: 17.32 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:167 Resp: 17383

Ion	Ratio	Lower	Upper
167	100		
166	28.3	17.5	26.3#
139	25.9	10.1	15.1#





#76
Di-n-butylphthalate
Concen: 2.08 ng/ul
RT: 17.90 min Scan# 2588
Delta R.T. 0.00 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:149 Resp: 32217

Ion	Ratio	Lower	Upper
149	100		
150	15.2	7.7	11.5#
104	8.3	3.6	5.4#

Instrument :
BNA_G
ClientSampleId :
C02H4

Manual Integrations APPROVED
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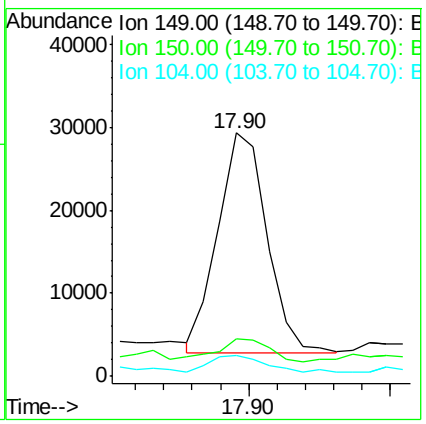
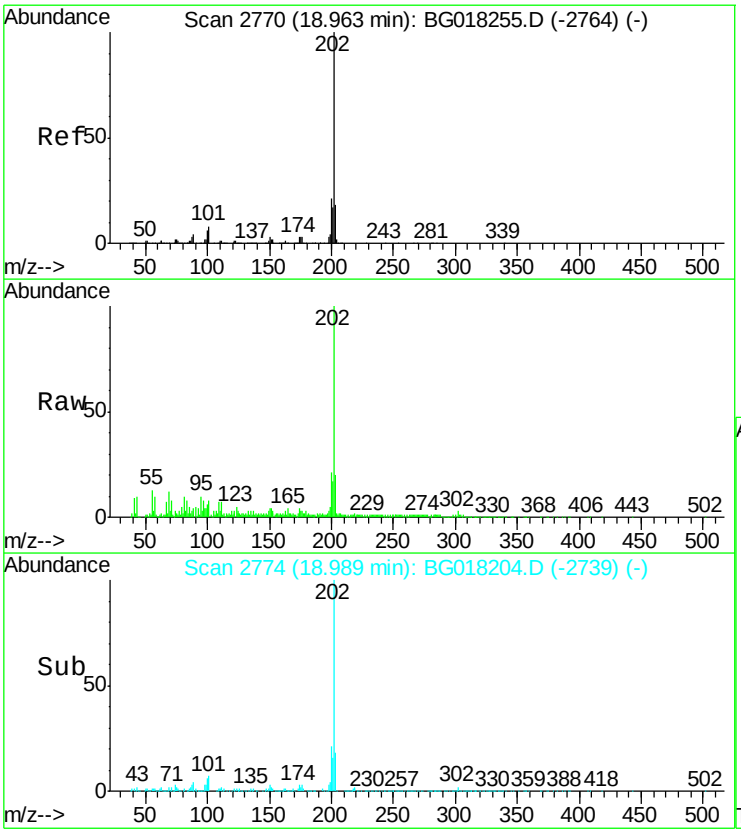
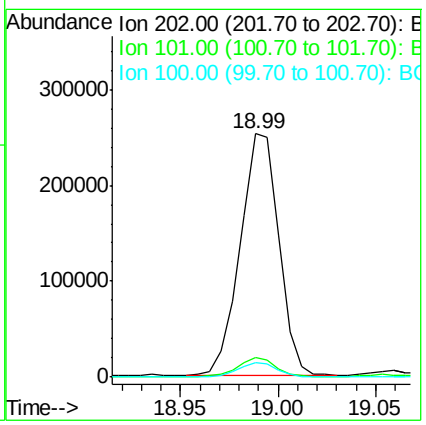


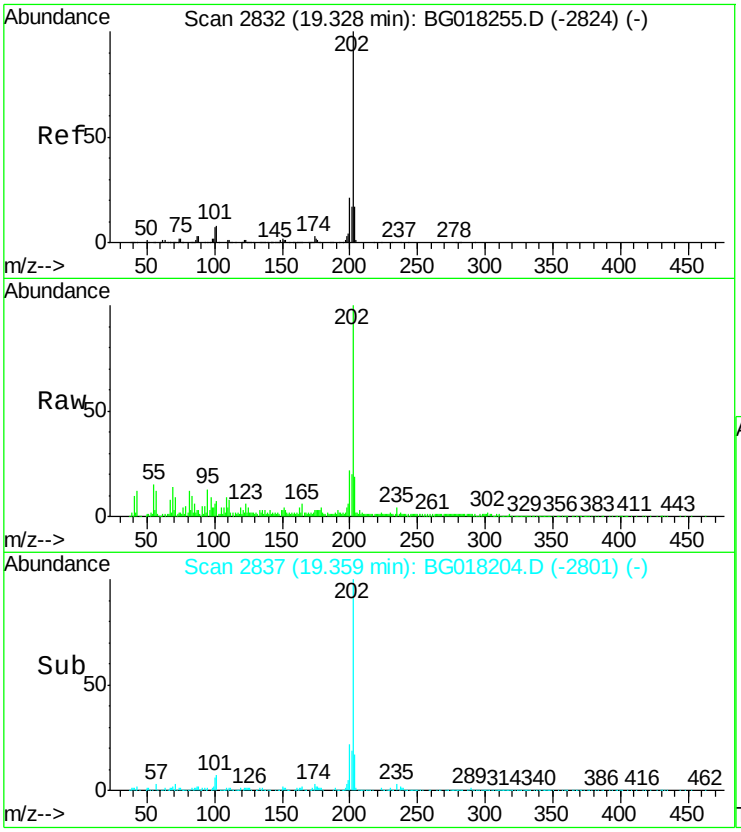


#77
Fluoranthene
Concen: 22.39 ng/ul
RT: 18.99 min Scan# 2774
Delta R.T. 0.01 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:202 Resp: 345843

Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.5	11.3
100	6.2	5.5	8.3

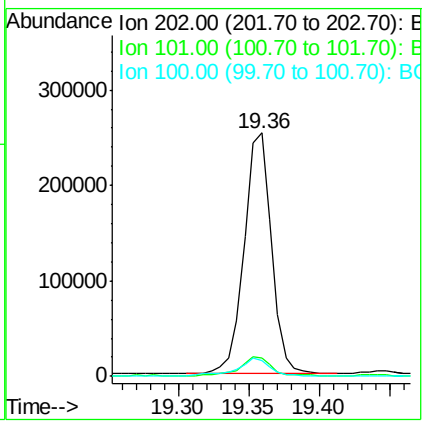




#80
Pyrene
Concen: 15.76 ng/ul
RT: 19.36 min Scan# 2837
Delta R.T. 0.01 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:202 Resp: 343996

Ion	Ratio	Lower	Upper
202	100		
101	7.3	8.1	12.1#
100	6.3	7.4	11.0#



Instrument :
BNA_G
ClientSampleId :
C02H4

Manual Integrations APPROVED
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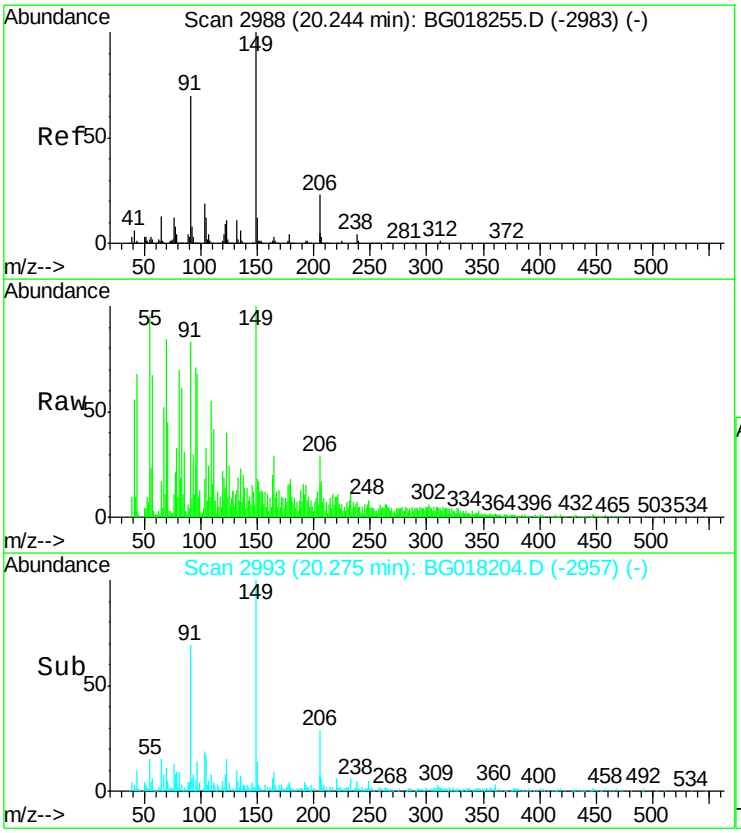
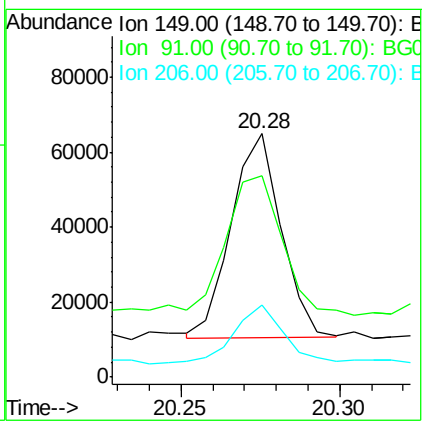
8/4/2015 12:23:02 PM

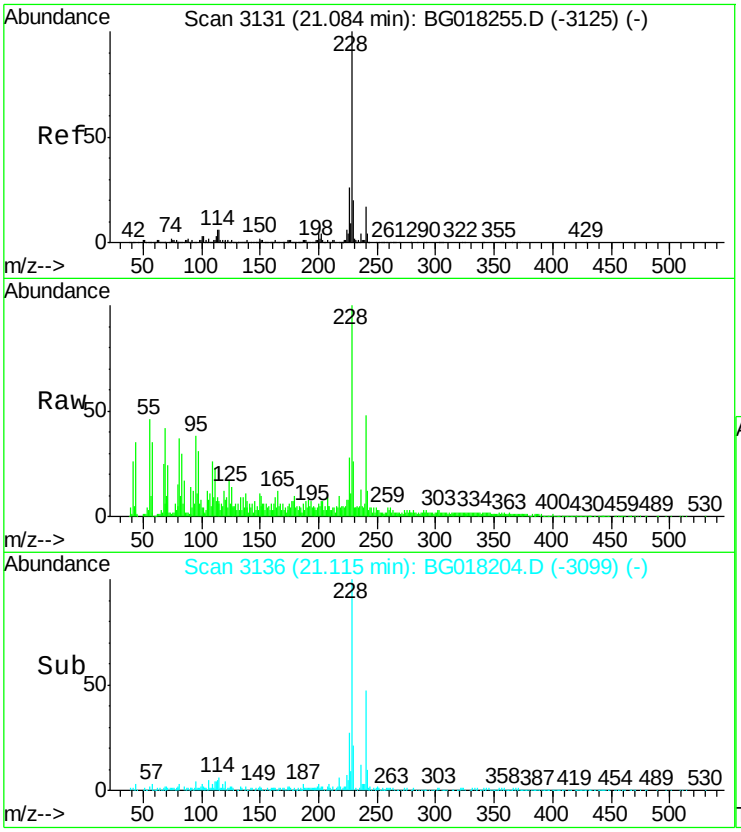


#81
Butylbenzylphthalate
Concen: 6.74 ng/ul
RT: 20.28 min Scan# 2993
Delta R.T. 0.01 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:149 Resp: 59730

Ion	Ratio	Lower	Upper
149	100		
91	82.6	46.6	69.8#
206	29.5	21.8	32.8





#83
Benzo(a)anthracene
Concen: 10.02 ng/ul
RT: 21.12 min Scan# 3136
Delta R.T. 0.02 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:228 Resp: 194124

Ion	Ratio	Lower	Upper
228	100		
229	25.7	16.5	24.7#
226	28.5	21.5	32.3

Instrument :
BNA_G
ClientSampleId :
C02H4

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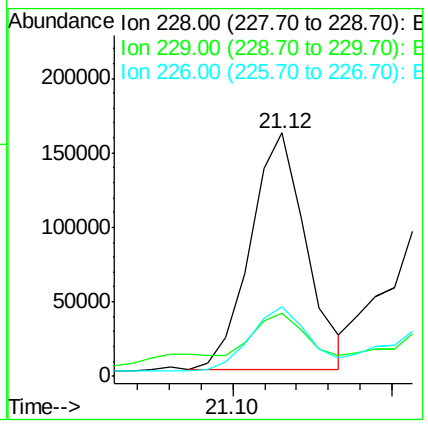
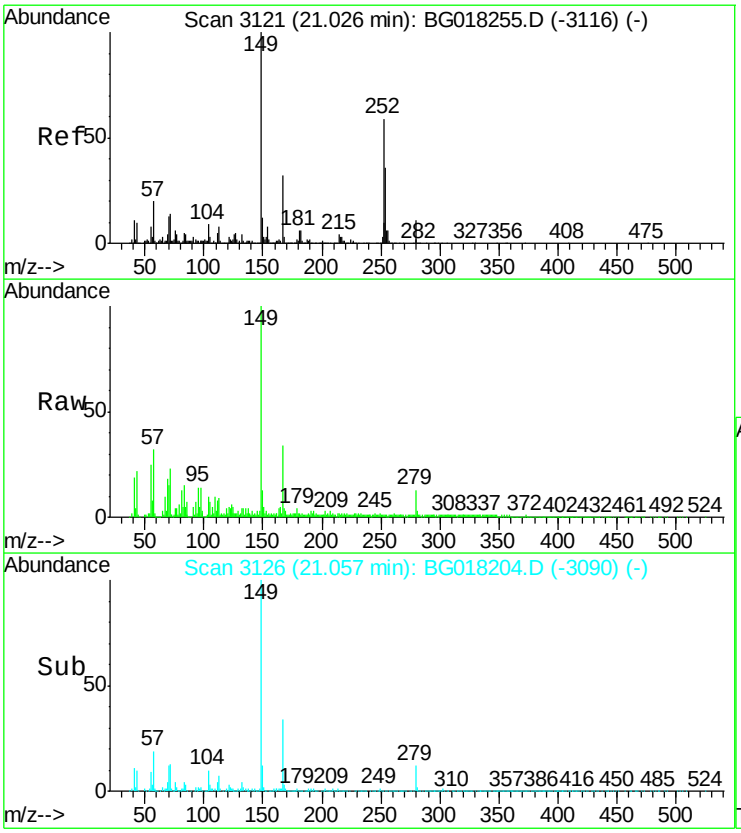
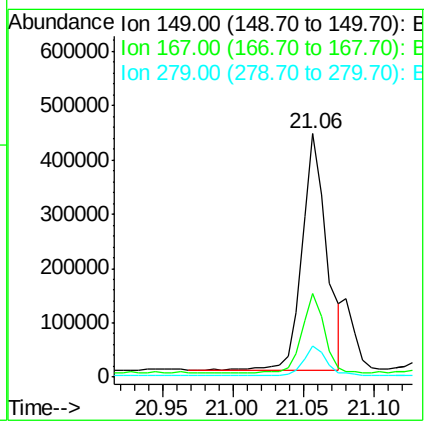


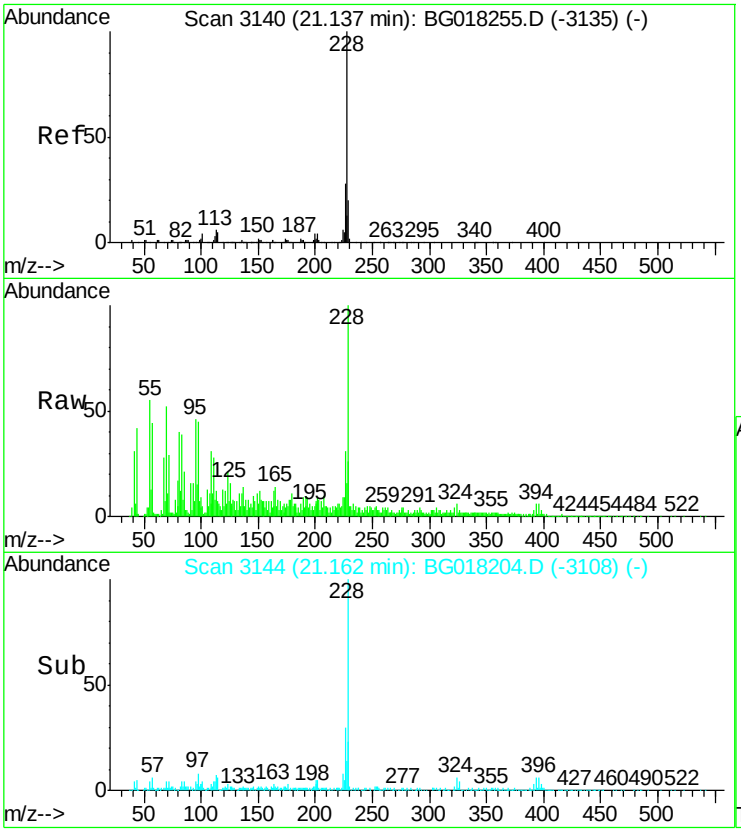


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.25 ng/ul
RT: 21.06 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:149 Resp: 529416

Ion	Ratio	Lower	Upper
149	100		
167	34.4	27.4	41.2
279	12.5	8.3	12.5#





#85
Chrysene
Concen: 11.98 ng/ul
RT: 21.16 min Scan# 3144
Delta R.T. 0.01 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:228 Resp: 212646

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.7	34.1
229	26.1	16.2	24.2#

Instrument :
BNA_G
ClientSampleId :
C02H4

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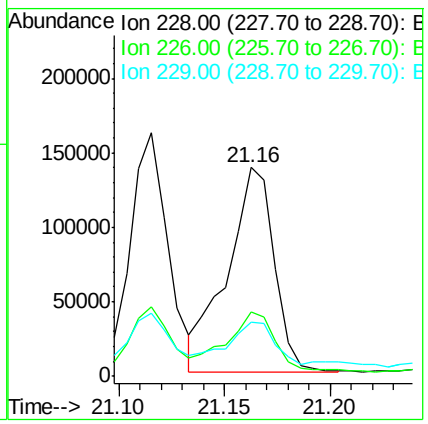
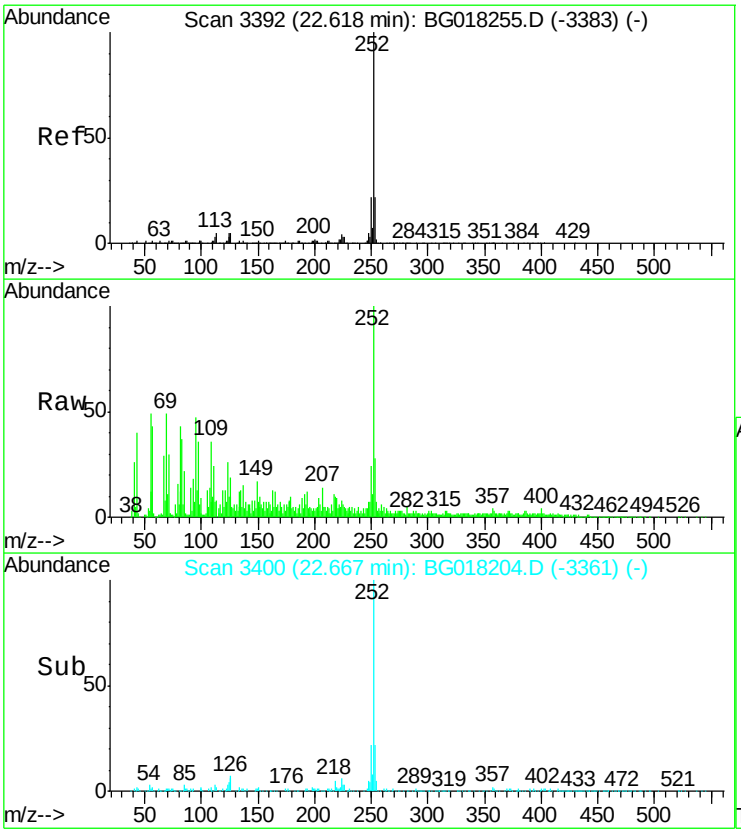
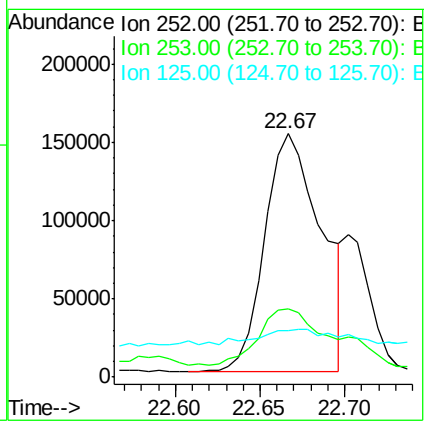


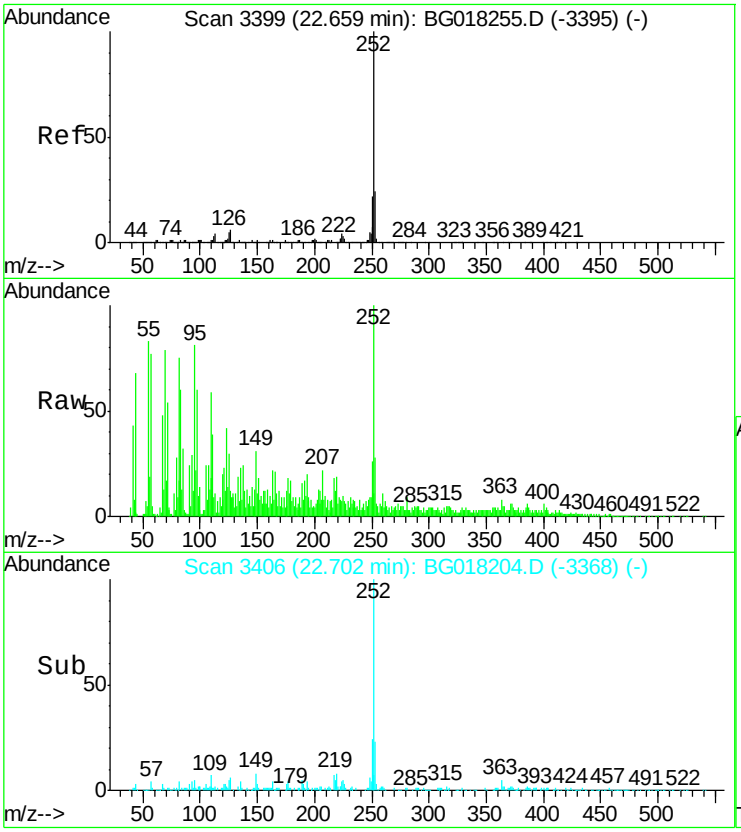


#88
Benzo(b)fluoranthene
Concen: 14.78 ng/ul
RT: 22.67 min Scan# 3400
Delta R.T. 0.03 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:252 Resp: 354037

Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.5	27.7#
125	19.4	7.4	11.0#

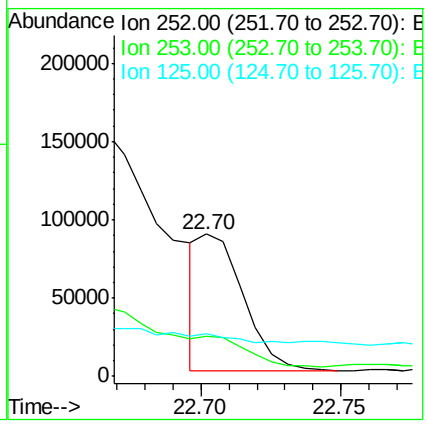




#89
Benzo(k)fluoranthene
Concen: 4.34 ng/ul m
RT: 22.70 min Scan# 3406
Delta R.T. 0.03 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:252 Resp: 95476

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.2	27.2#
125	30.4	7.5	11.3#



Instrument :
BNA_G
ClientSampleId :
C02H4

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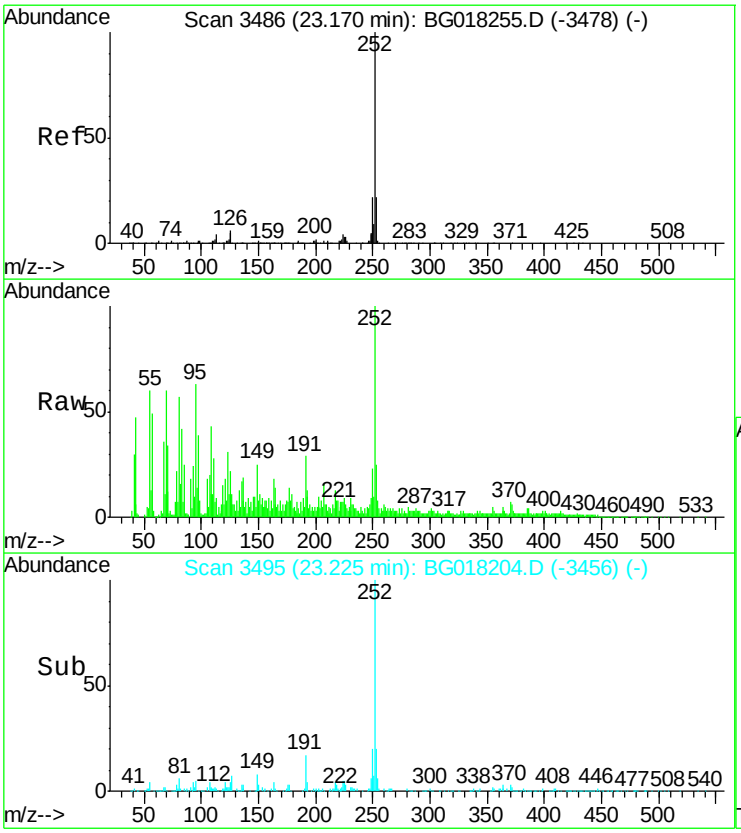
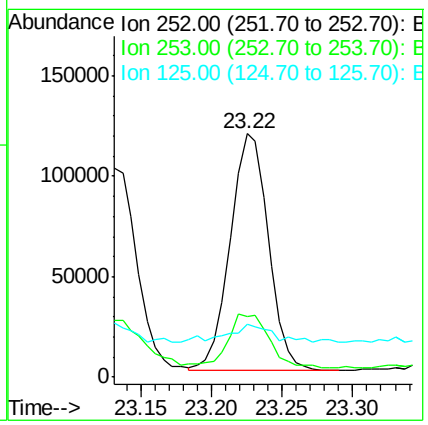
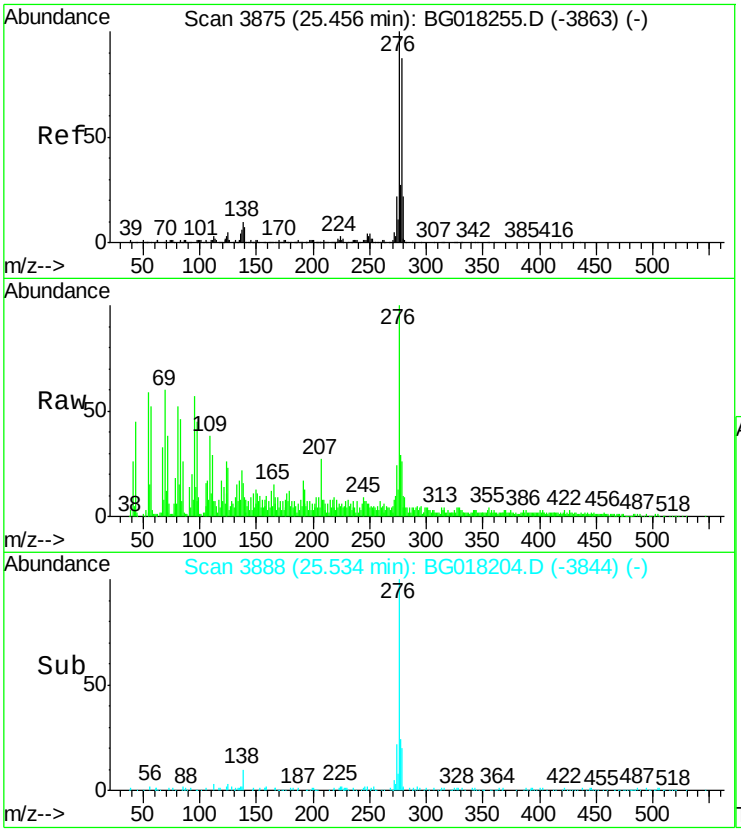


#91
Benzo(a)pyrene
Concen: 10.42 ng/ul
RT: 23.22 min Scan# 3495
Delta R.T. 0.03 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:252 Resp: 223374

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.2
125	21.5	7.3	10.9#

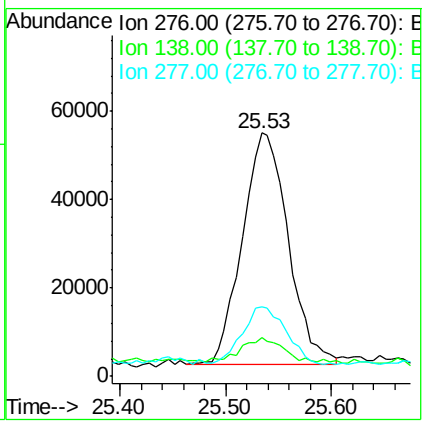




#92
Indeno(1,2,3-cd)pyrene
Concen: 6.40 ng/ul
RT: 25.53 min Scan# 3888
Delta R.T. 0.06 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:276 Resp: 158722

Ion	Ratio	Lower	Upper
276	100		
138	15.7	17.2	25.8#
277	28.8	19.5	29.3



Instrument :
BNA_G
ClientSampleId :
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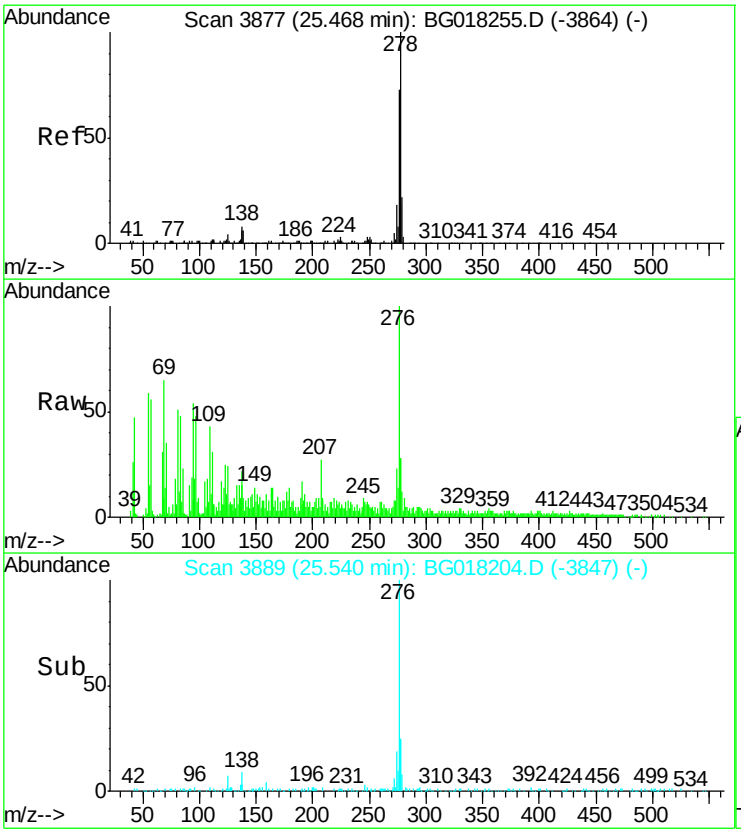
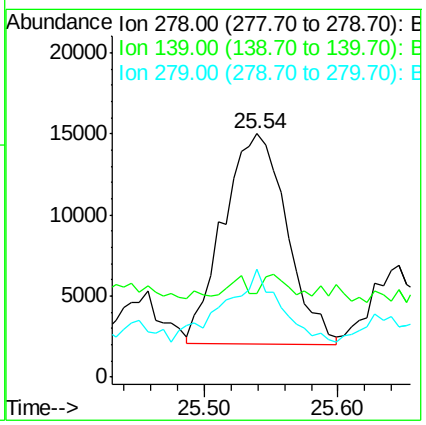
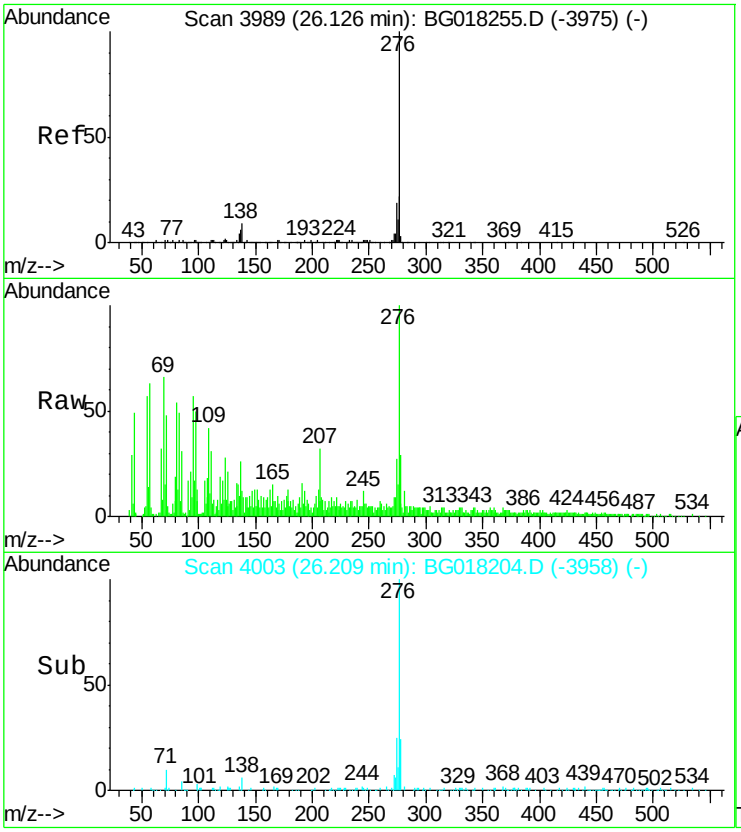


#93
Dibenzo(a,h)anthracene
Concen: 2.01 ng/ul
RT: 25.54 min Scan# 3889
Delta R.T. 0.05 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:278 Resp: 42620

Ion	Ratio	Lower	Upper
278	100		
139	34.1	12.2	18.2#
279	44.6	20.0	30.0#

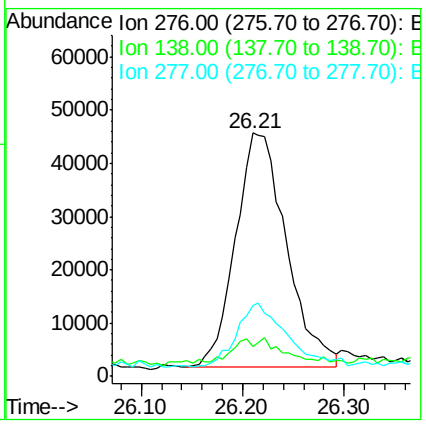




#94
Benzo(g,h,i)perylene
Concen: 7.58 ng/ul
RT: 26.21 min Scan# 4003
Delta R.T. 0.07 min
Lab File: BG018204.D
Acq: 1 Aug 2015 5:13

Tgt Ion:276 Resp: 153498

Ion	Ratio	Lower	Upper
276	100		
138	12.1	15.1	22.7#
277	29.0	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
C02H4

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