Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018261.D
Acq On : 4 Aug 2015 20:05
Operator : UM/TP
Sample : G3109-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2

Manual Integrations APPROVED
MMDadoda
8/7/2015 4:40:20 PM

Quant Time: Aug 05 04:01:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	37847	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	177392	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	108786	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	176851	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	130124	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	138234	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.93	96	2024	4.04	ng/uL	0.00
5) Phenol-d5	6.66	99	71396	20.98	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	35534	20.43	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	59458	23.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	51826	18.70	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	30939	22.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	39582	24.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	64375	22.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	39534	11.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	194405	23.13	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	197606	20.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	15626	10.04	ng/ul	0.00
58) Fluorene-d10	15.14	176	138118	18.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	15259	12.36	ng/ul	0.00
71) Anthracene-d10	16.99	188	147886	19.23	ng/ul	0.00
79) Pyrene-d10	19.30	212	112295	17.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	124367	17.79	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.28	128	9628	1.13	ng/ul#	94
34) 2-Methylnaphthalene	11.92	142	6799	1.01	ng/ul#	60
45) Dimethylphthalate	13.60	163	79348	9.49	ng/ul#	97
50) Acenaphthene	14.20	153	12005	1.90	ng/ul	98
54) Dibenzofuran	14.53	168	10230	1.08	ng/ul	94
59) Fluorene	15.19	166	11217	1.37	ng/ul#	95
70) Phenanthrene	16.94	178	147717	16.44	ng/ul	97
72) Anthracene	17.02	178	35422	3.96	ng/ul	95
75) Carbazole	17.31	167	14892	2.01	ng/ul#	88
76) Di-n-butylphthalate	17.88	149	274041	27.73	ng/ul#	96
77) Fluoranthene	18.97	202	275073	27.88	ng/ul#	91
80) Pyrene	19.34	202	233742	29.61	ng/ul#	89
81) Butylbenzylphthalate	20.25	149	52093	16.25	ng/ul#	70
83) Benzo(a)anthracene	21.09	228	131581	18.78	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.03	149	533388	123.31	ng/ul	94
85) Chrysene	21.14	228	129414	20.16	ng/ul	96
87) Di-n-octyl phthalate	21.90	149	177349	24.29	ng/ul	100
88) Benzo(b)fluoranthene	22.64	252	236677	28.50	ng/ul	97
89) Benzo(k)fluoranthene	22.68	252	69033m	9.05	ng/ul	
91) Benzo(a)pyrene	23.19	252	151028	20.33	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.48	276	115510	13.44	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.49	278	29199	3.97	ng/ul	93
94) Benzo(g,h,i)perylene	26.16	276	102925	14.66	ng/ul#	93

Quantitation Report (LSC Reviewed)

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Sample : G3109-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W2

Manual Integrations APPROVED
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8/7/2015 4:40:20 PM

Quant Time: Aug 05 04:01:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration

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\BG080415\
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Instrument :
BNA_G
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Manual Integrations APPROVED
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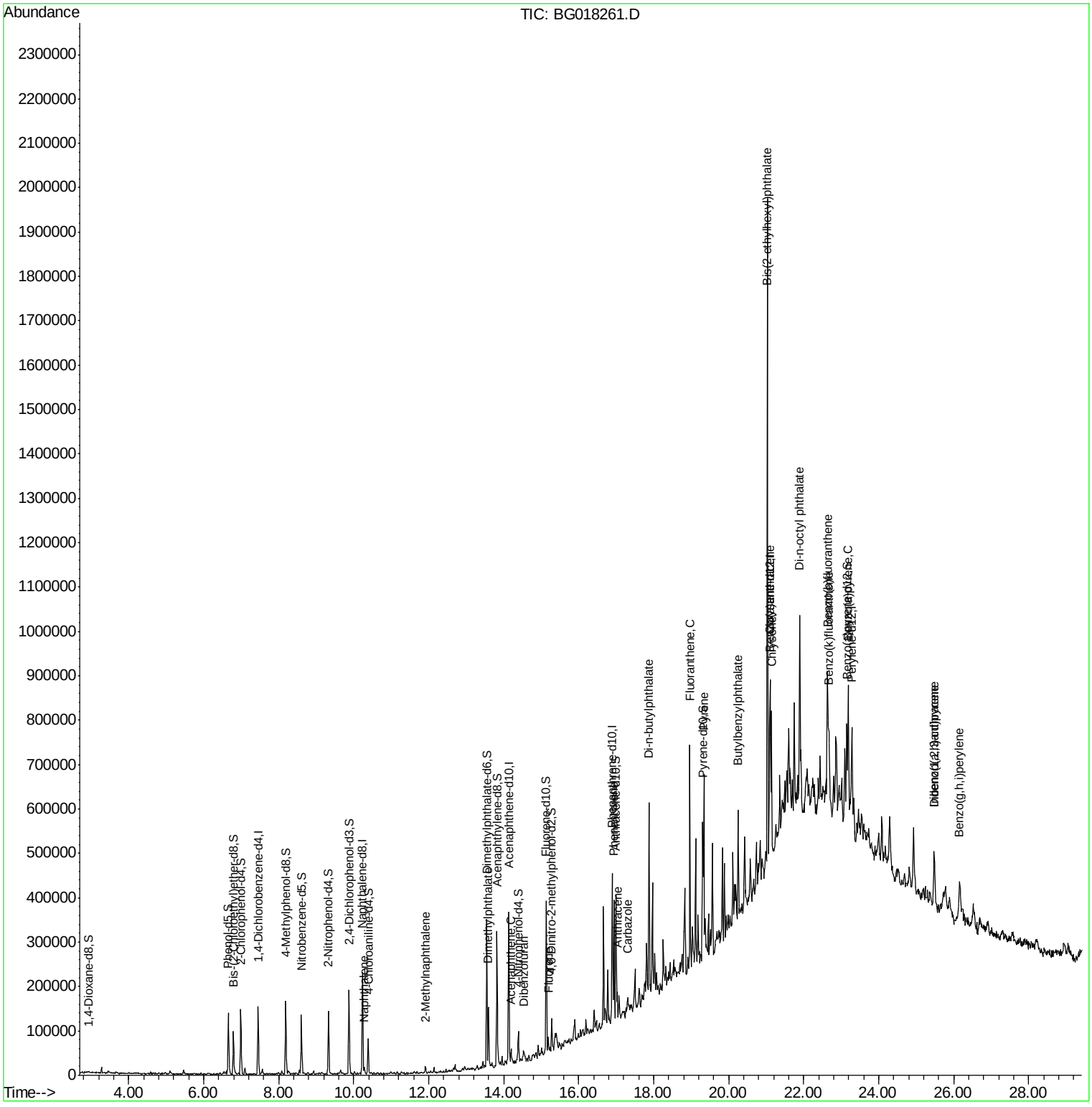

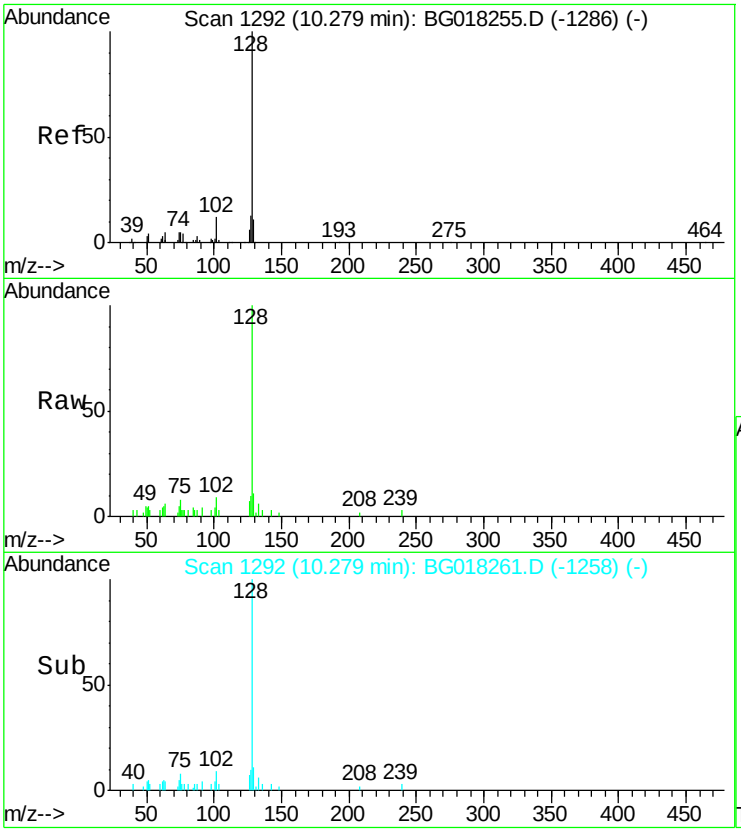

#28
Naphthalene
Concen: 1.13 ng/ul
RT: 10.28 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:128 Resp: 9628

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	9.9	11.2	16.8#

Instrument :
BNA_G
ClientSampleId :
C01W2

Manual Integrations APPROVED
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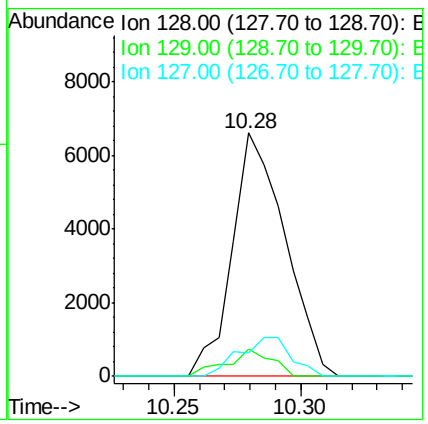
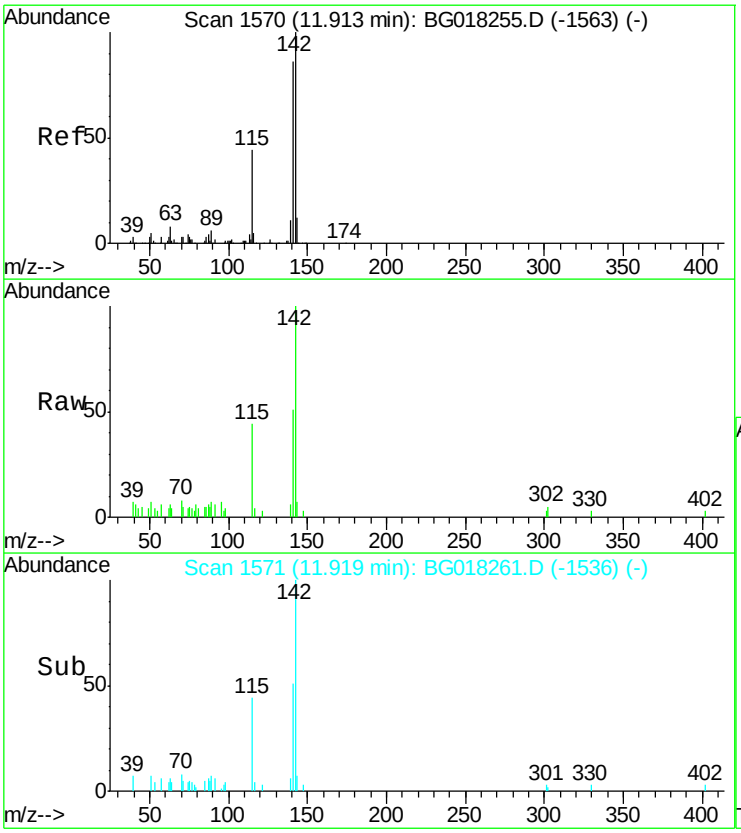
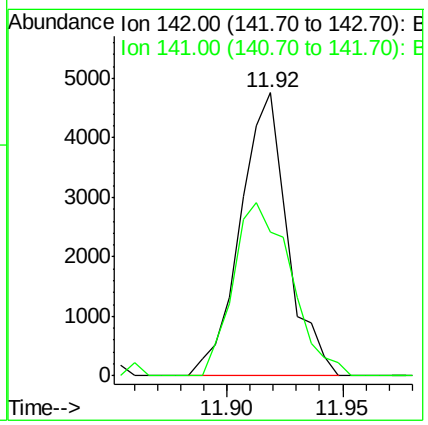


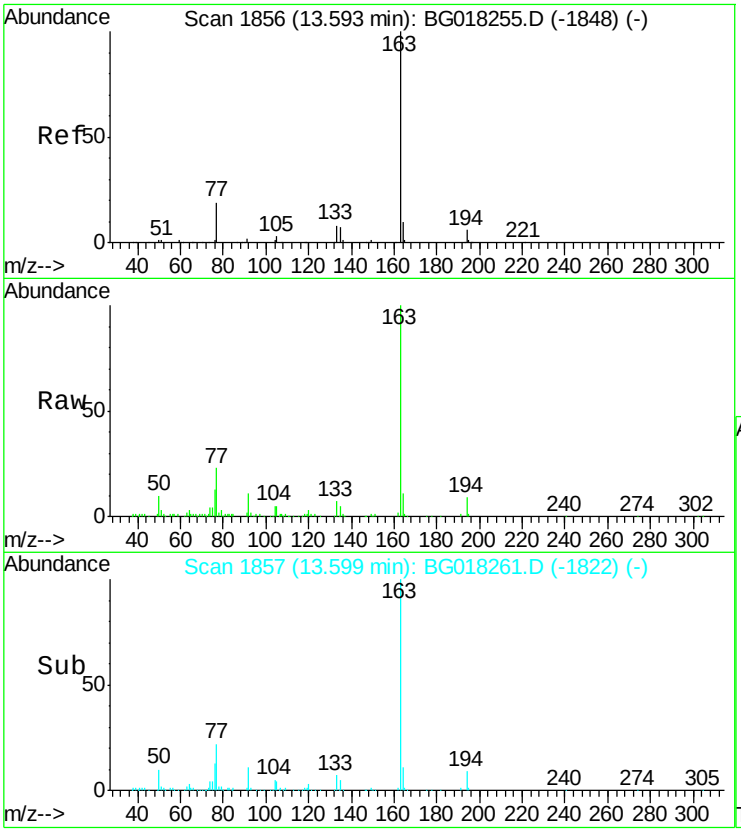


#34
2-Methylnaphthalene
Concen: 1.01 ng/ul
RT: 11.92 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:142 Resp: 6799

Ion	Ratio	Lower	Upper
142	100		
141	50.7	70.3	105.5#

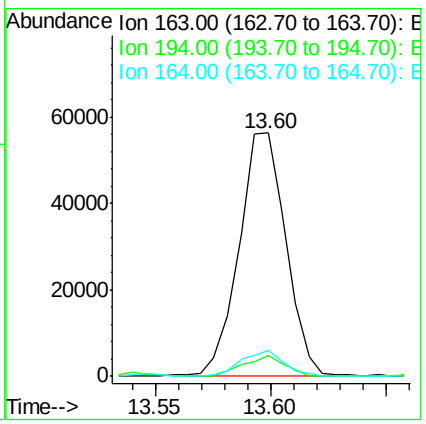




#45
Dimethylphthalate
Concen: 9.49 ng/ul
RT: 13.60 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:163 Resp: 79348

Ion	Ratio	Lower	Upper
163	100		
194	8.5	5.2	7.8#
164	10.8	8.4	12.6



Instrument :
BNA_G
ClientSampleId :
C01W2

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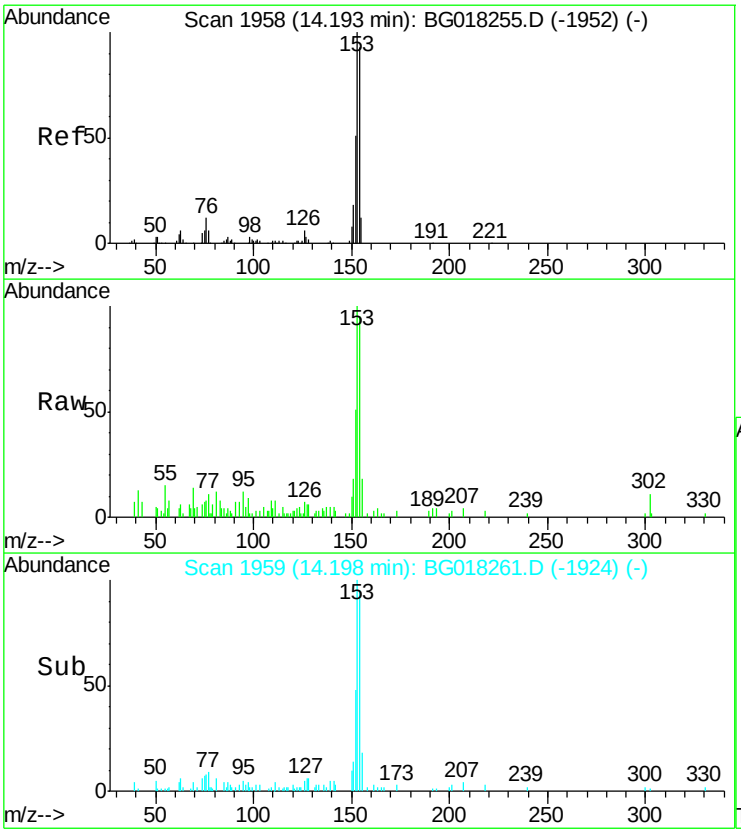
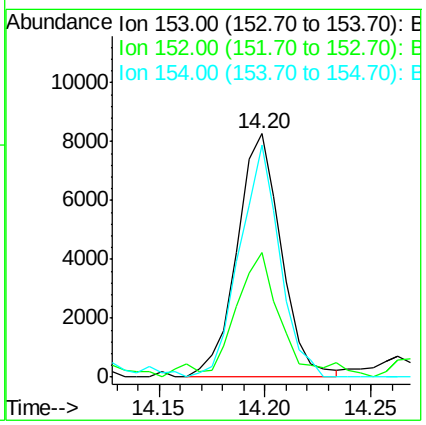
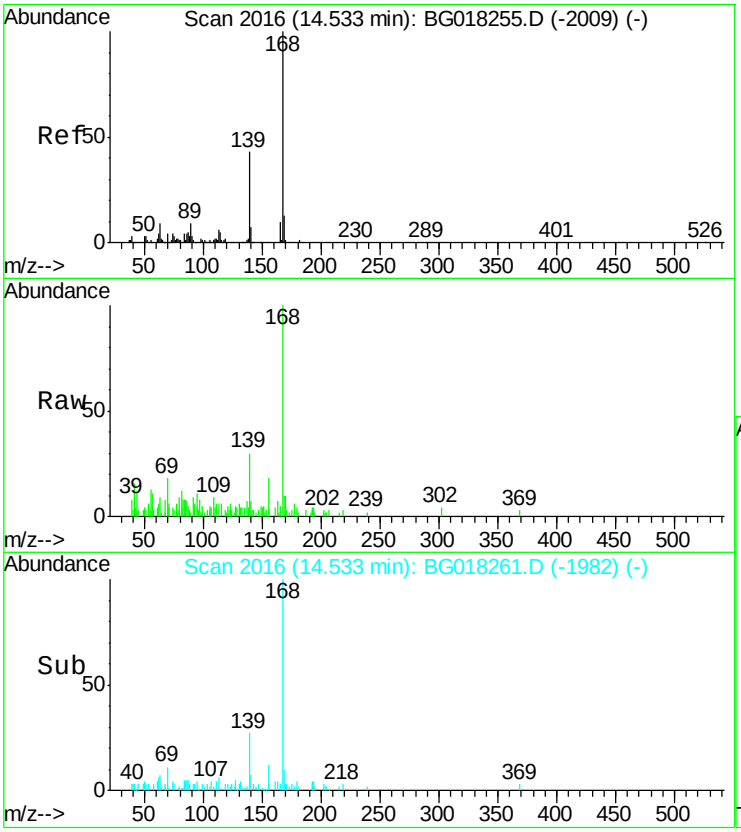


#50
Acenaphthene
Concen: 1.90 ng/ul
RT: 14.20 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:153 Resp: 12005

Ion	Ratio	Lower	Upper
153	100		
152	51.1	38.7	58.1
154	95.1	74.8	112.2





#54
Dibenzofuran
Concen: 1.08 ng/ul
RT: 14.53 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:168 Resp: 10230

Ion	Ratio	Lower	Upper
168	100		
139	30.0	26.8	40.2

Instrument :
BNA_G
ClientSampleId :
C01W2

Manual Integrations APPROVED
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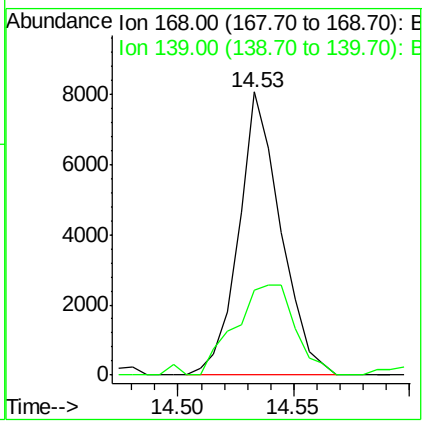
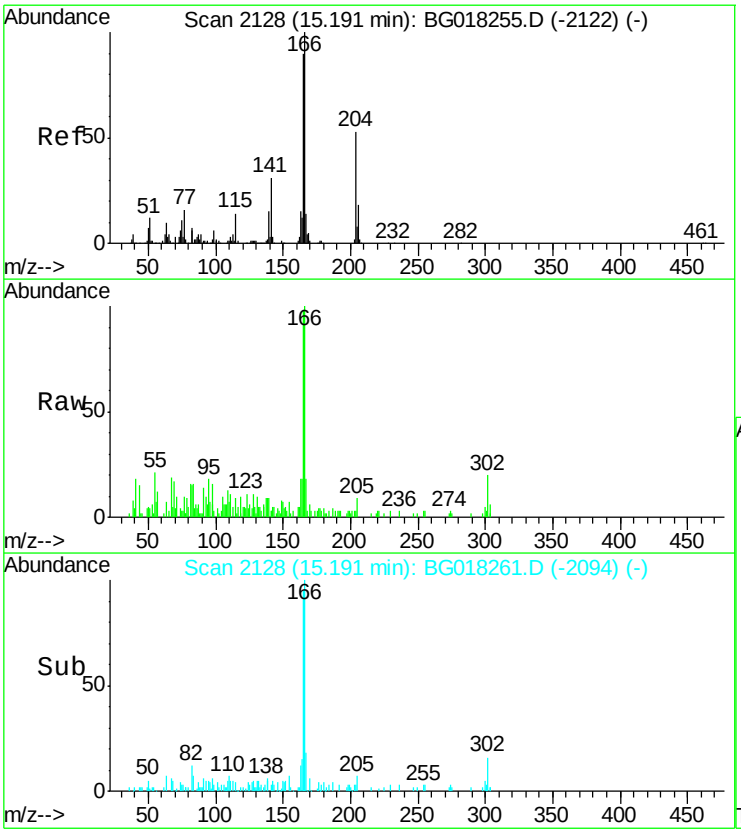
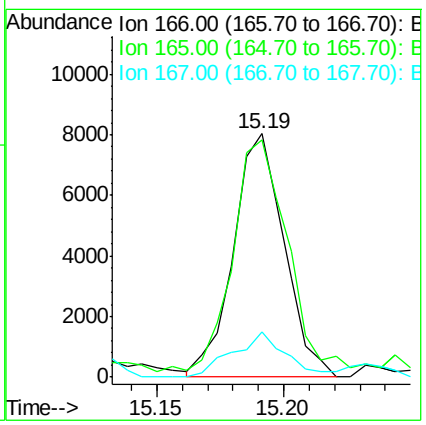


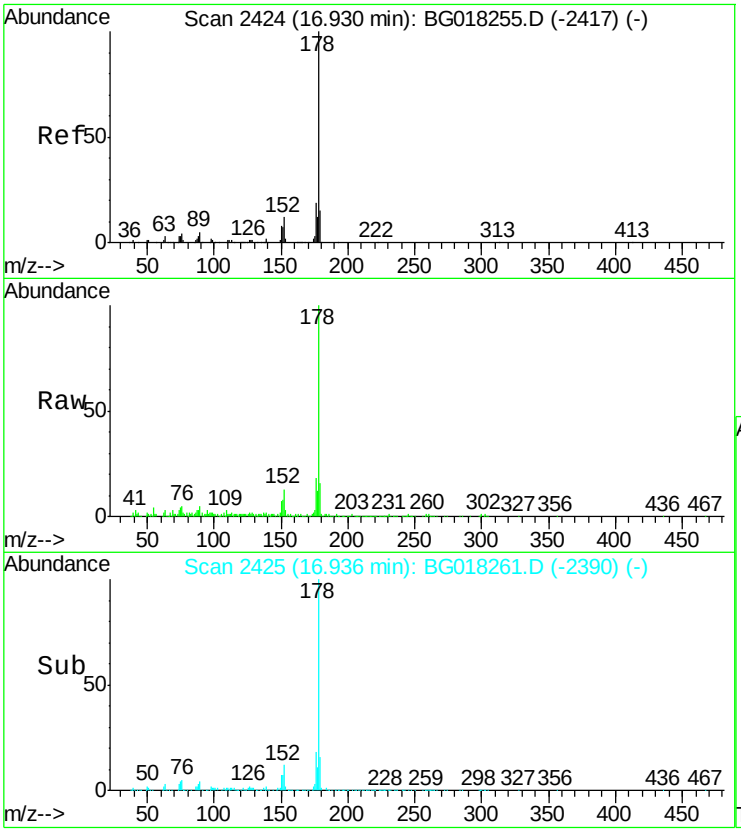


#59
Fluorene
Concen: 1.37 ng/ul
RT: 15.19 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:166 Resp: 11217

Ion	Ratio	Lower	Upper
166	100		
165	97.6	75.1	112.7
167	18.4	11.8	17.6#

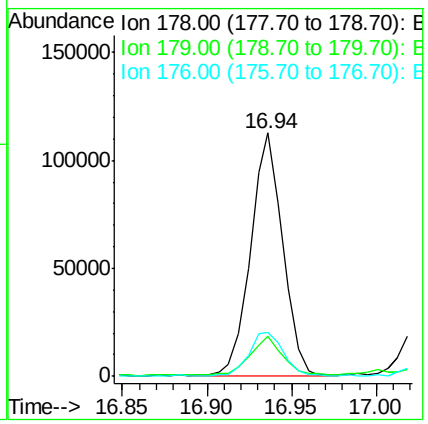




#70
Phenanthrene
Concen: 16.44 ng/ul
RT: 16.94 min Scan# 2425
Delta R.T. 0.01 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:178 Resp: 147717

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	18.3	16.0	24.0



Instrument :
BNA_G
ClientSampleId :
C01W2

Manual Integrations APPROVED
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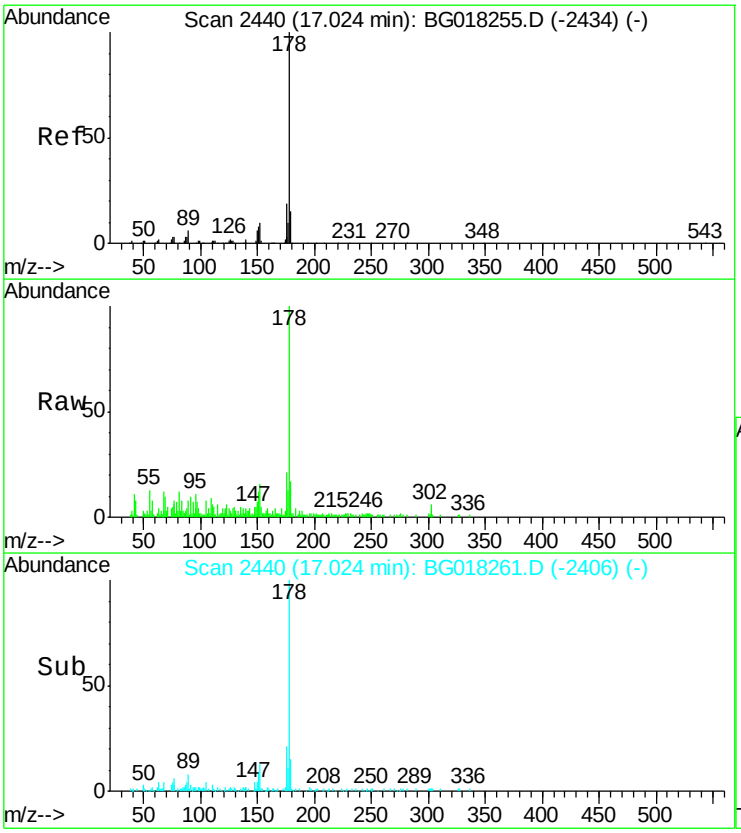
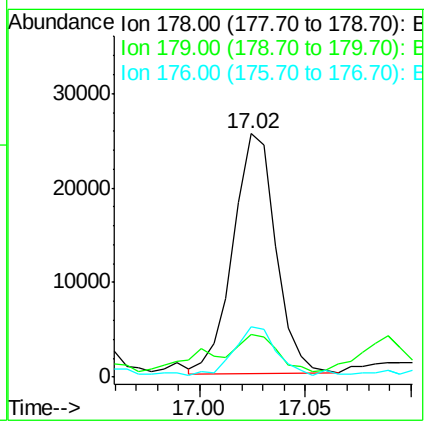
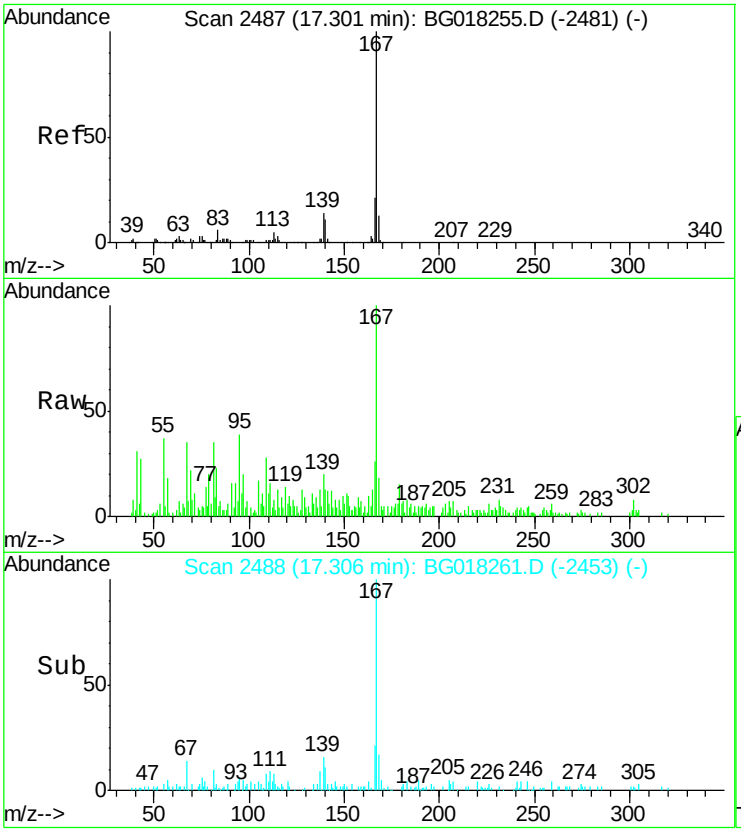


#72
Anthracene
Concen: 3.96 ng/ul
RT: 17.02 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:178 Resp: 35422

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.2	18.2
176	20.8	14.8	22.2





#75
Carbazole
Concen: 2.01 ng/ul
RT: 17.31 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:167 Resp: 14892

Ion	Ratio	Lower	Upper
167	100		
166	25.7	17.5	26.3
139	20.5	10.1	15.1#

Instrument :
BNA_G
ClientSampleId :
C01W2

Manual Integrations APPROVED
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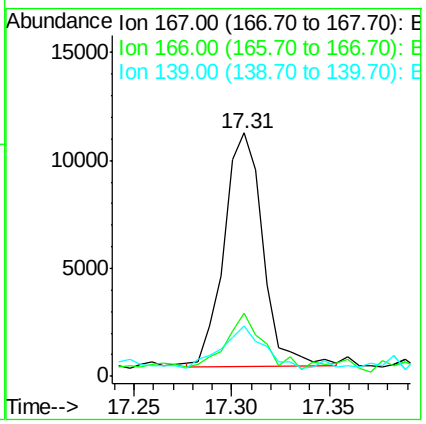
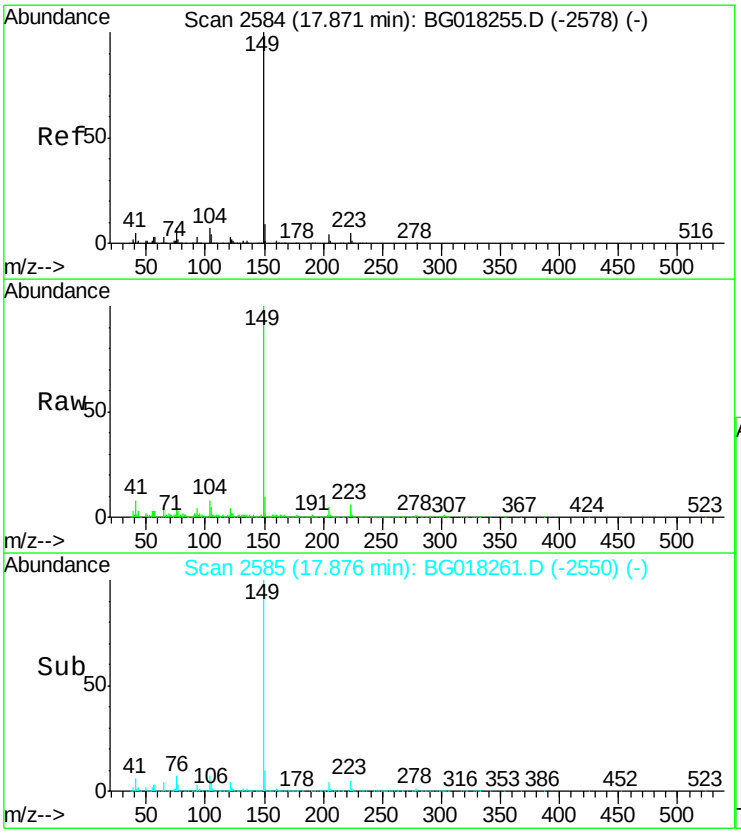
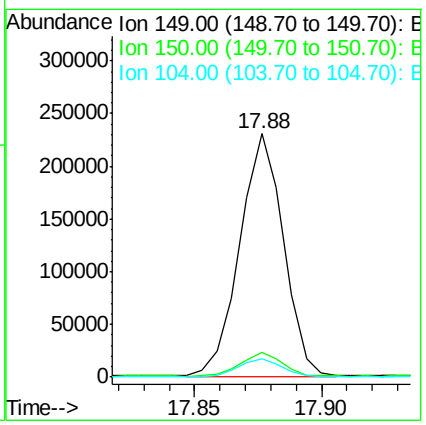


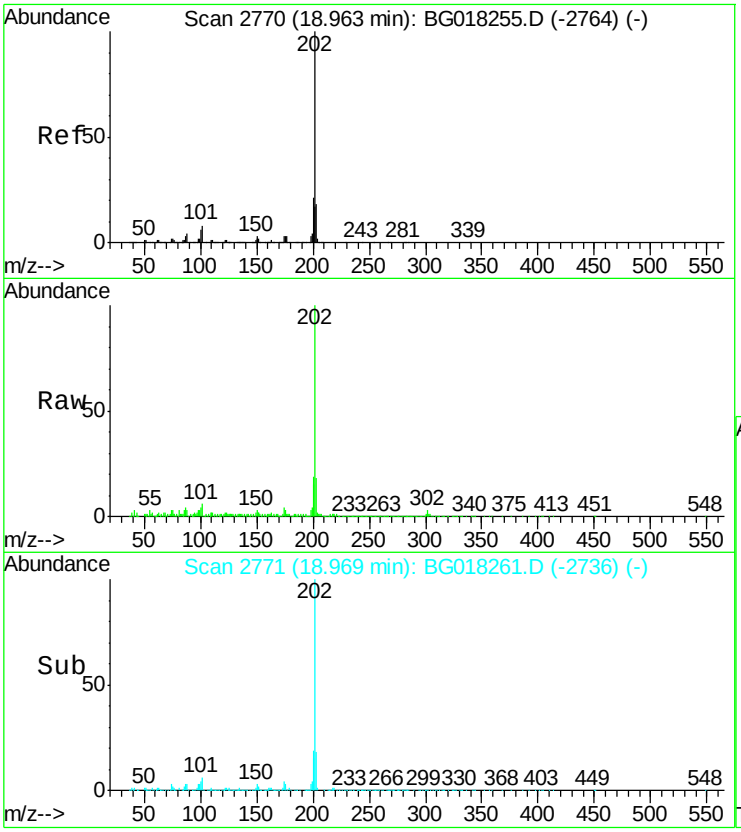


#76
Di-n-butylphthalate
Concen: 27.73 ng/ul
RT: 17.88 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:149 Resp: 274041

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.7	11.5
104	7.5	3.6	5.4#





#77
Fluoranthene
Concen: 27.88 ng/ul
RT: 18.97 min Scan# 2771
Delta R.T. 0.01 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:202 Resp: 275073

Ion	Ratio	Lower	Upper
202	100		
101	6.2	7.5	11.3#
100	3.9	5.5	8.3#

Instrument :
BNA_G
ClientSampleId :
C01W2

Manual Integrations APPROVED
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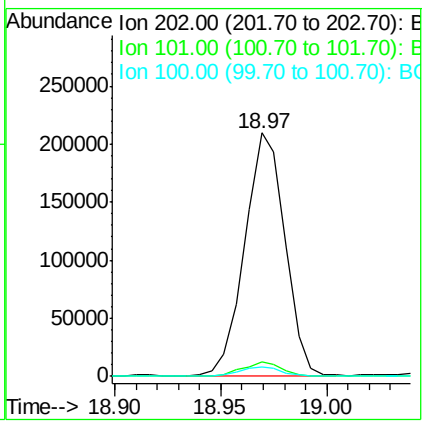
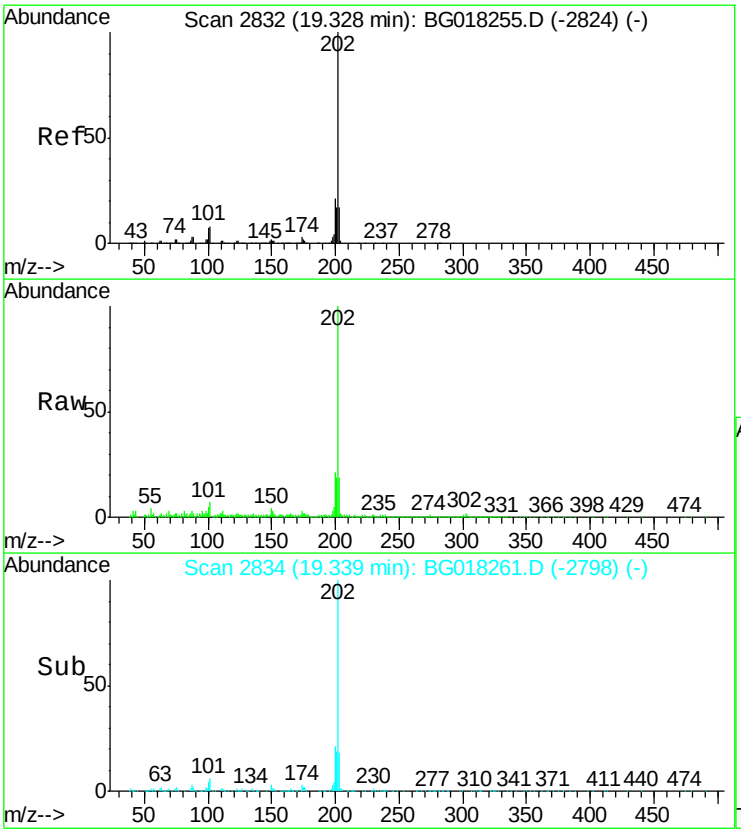
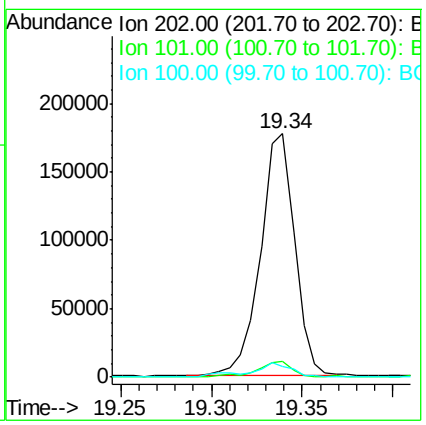


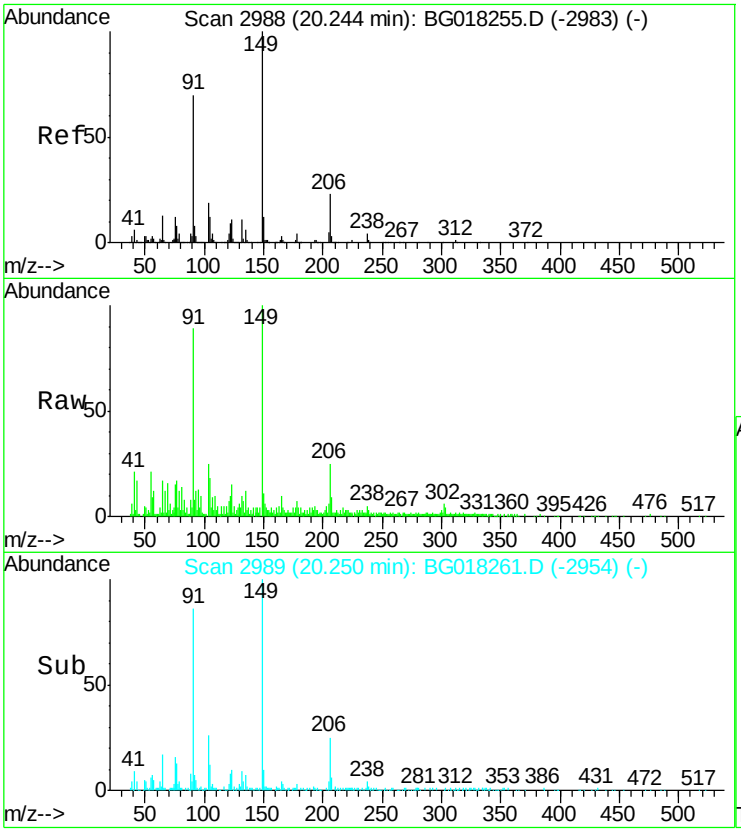


#80
Pyrene
Concen: 29.61 ng/ul
RT: 19.34 min Scan# 2834
Delta R.T. 0.01 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:202 Resp: 233742

Ion	Ratio	Lower	Upper
202	100		
101	6.5	8.1	12.1#
100	4.5	7.4	11.0#





#81
Butylbenzylphthalate
Concen: 16.25 ng/ul
RT: 20.25 min Scan# 2989
Delta R.T. 0.01 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:149 Resp: 52093

Ion	Ratio	Lower	Upper
149	100		
91	89.2	46.6	69.8#
206	24.8	21.8	32.8

Instrument :
BNA_G
ClientSampleId :
C01W2

Manual Integrations APPROVED
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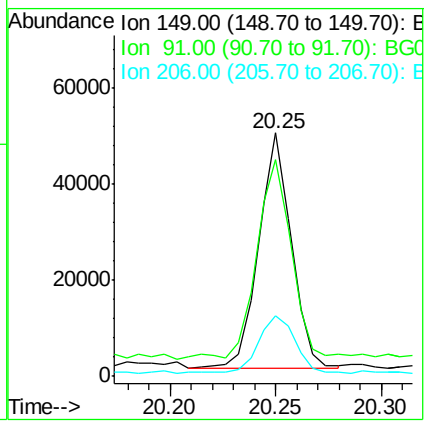
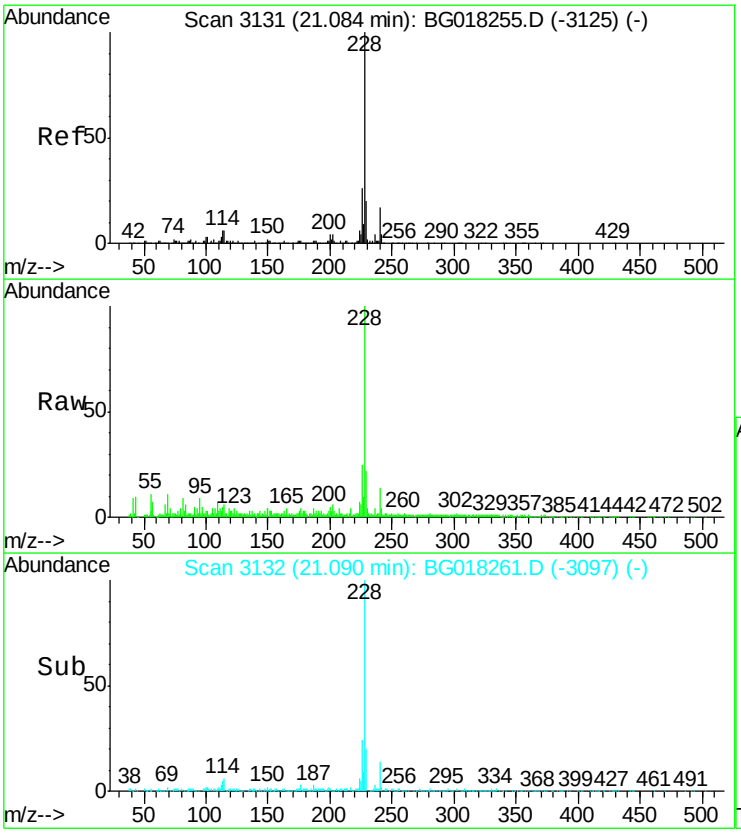
8/7/2015 4:40:20 PM

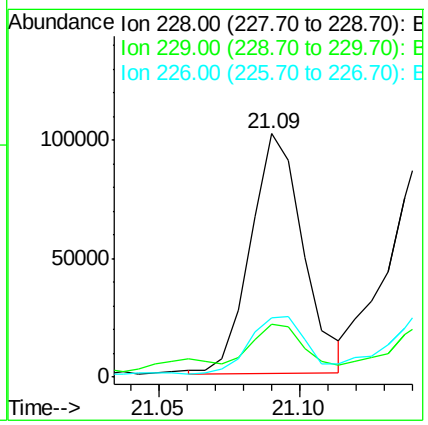


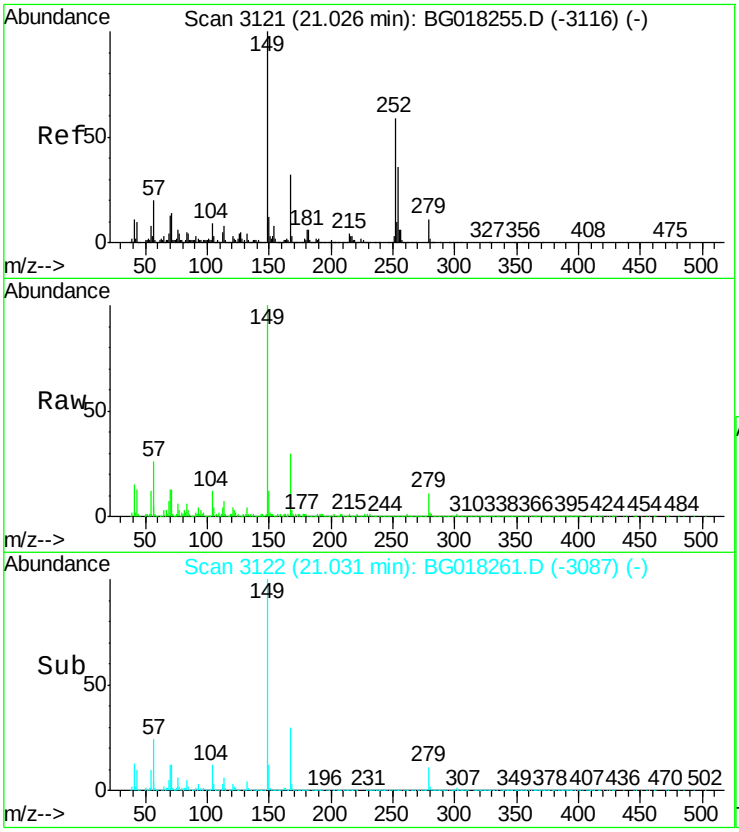


#83
Benzo(a)anthracene
Concen: 18.78 ng/ul
RT: 21.09 min Scan# 3132
Delta R.T. 0.01 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:228 Resp: 131581

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.5	24.7
226	24.6	21.5	32.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 123.31 ng/ul
RT: 21.03 min Scan# 3122
Delta R.T. 0.01 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:149 Resp: 533388

Ion	Ratio	Lower	Upper
149	100		
167	30.4	27.4	41.2
279	11.3	8.3	12.5

Instrument :
BNA_G
ClientSampleId :
C01W2

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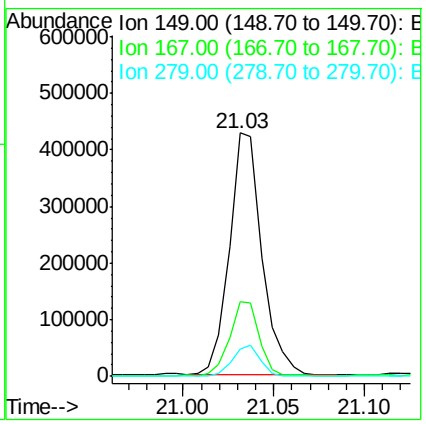
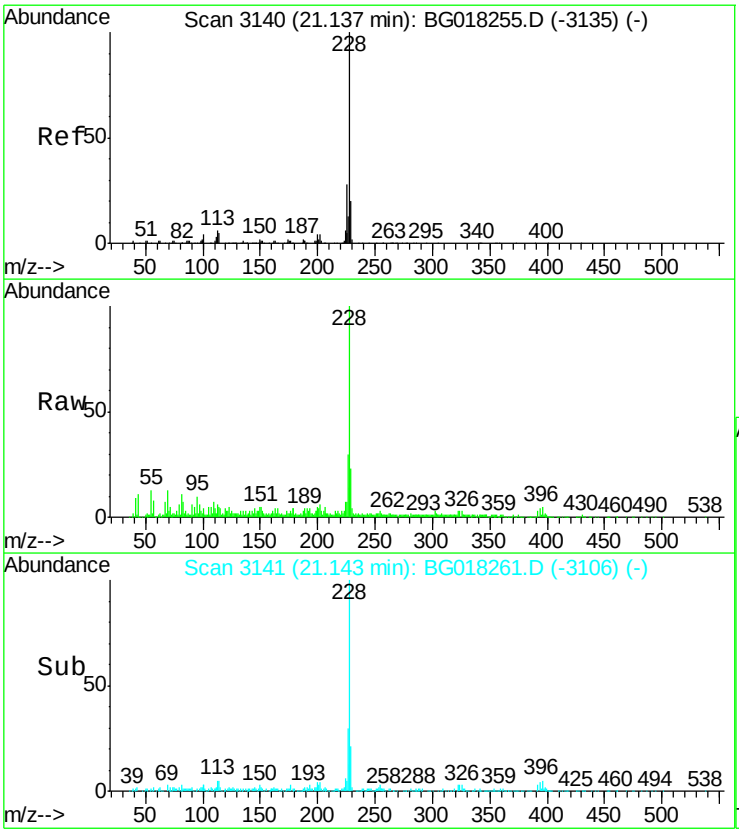
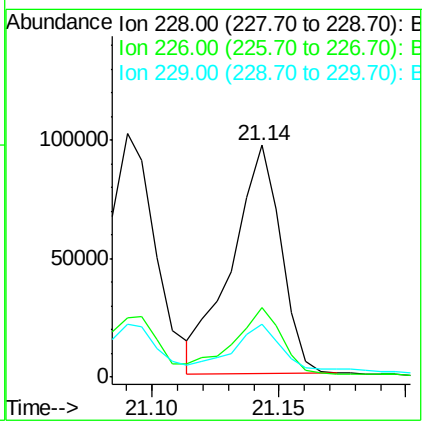


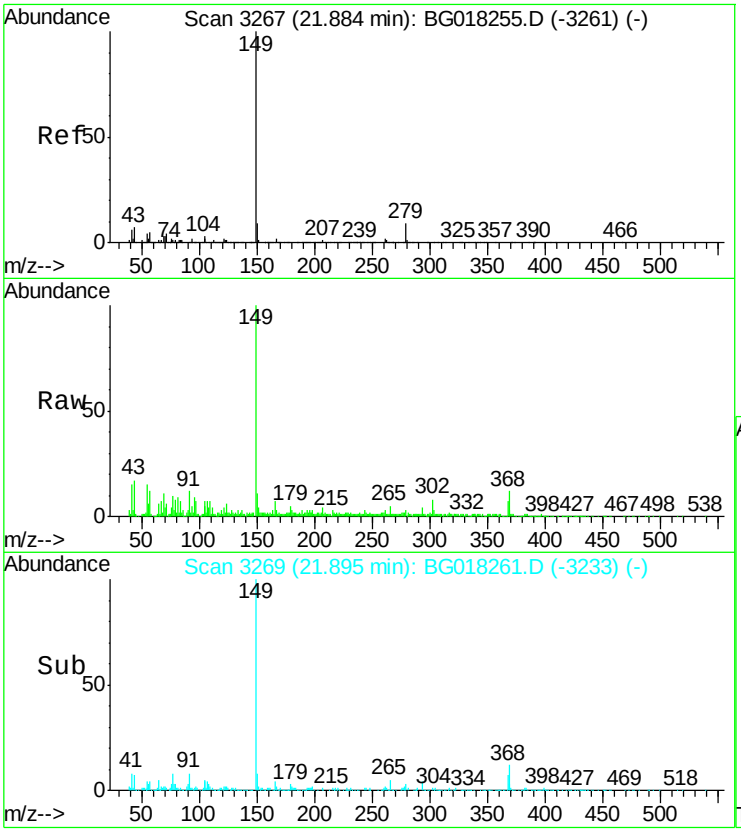


#85
Chrysene
Concen: 20.16 ng/ul
RT: 21.14 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:228 Resp: 129414

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.7	34.1
229	22.8	16.2	24.2





#87
Di-n-octyl phthalate
Concen: 24.29 ng/ul
RT: 21.90 min Scan# 3269
Delta R.T. 0.01 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:149 Resp: 177349

Instrument :
BNA_G
ClientSampleId :
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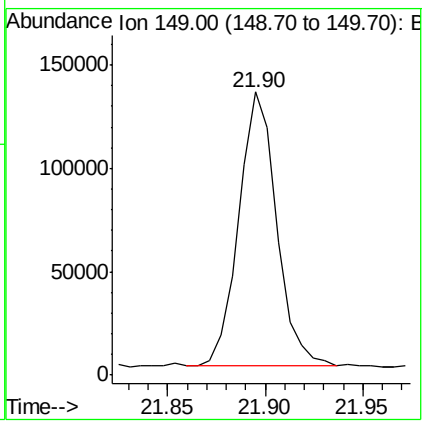
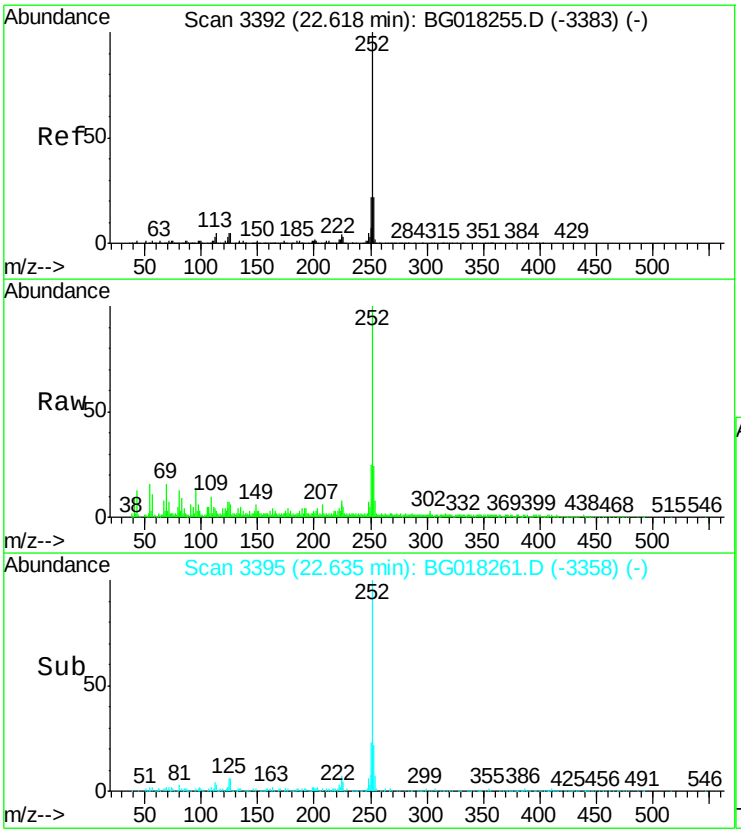
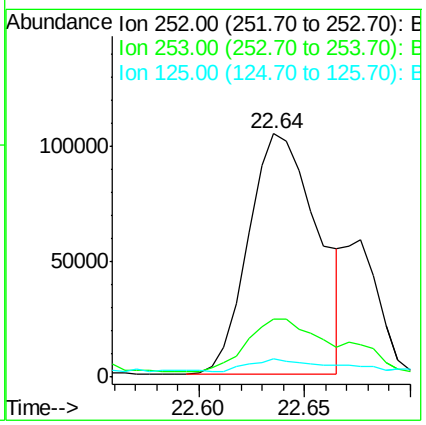


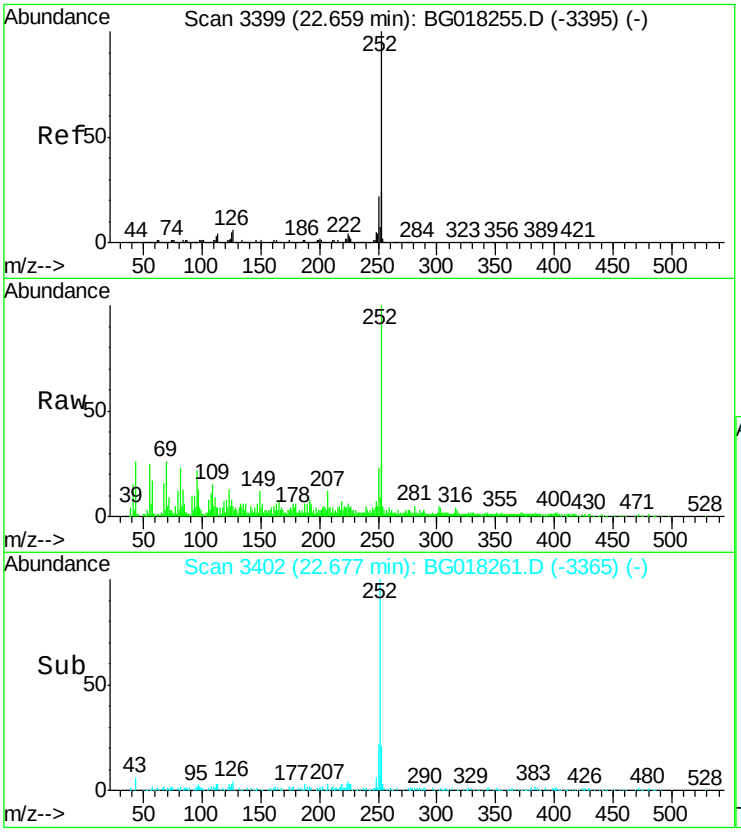


#88
Benzo(b)fluoranthene
Concen: 28.50 ng/ul
RT: 22.64 min Scan# 3395
Delta R.T. 0.02 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:252 Resp: 236677

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	7.5	7.4	11.0

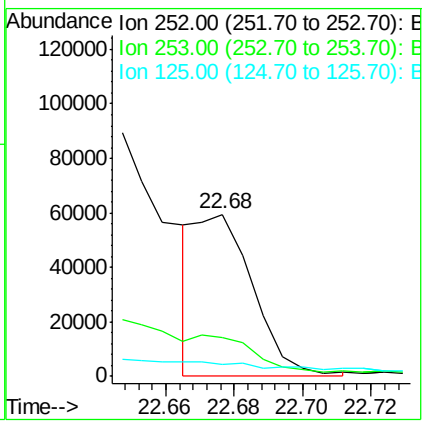




#89
Benzo(k)fluoranthene
Concen: 9.05 ng/ul m
RT: 22.68 min Scan# 3402
Delta R.T. 0.02 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:252 Resp: 69033

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	7.8	7.5	11.3



Instrument :
BNA_G
ClientSampleId :
C01W2

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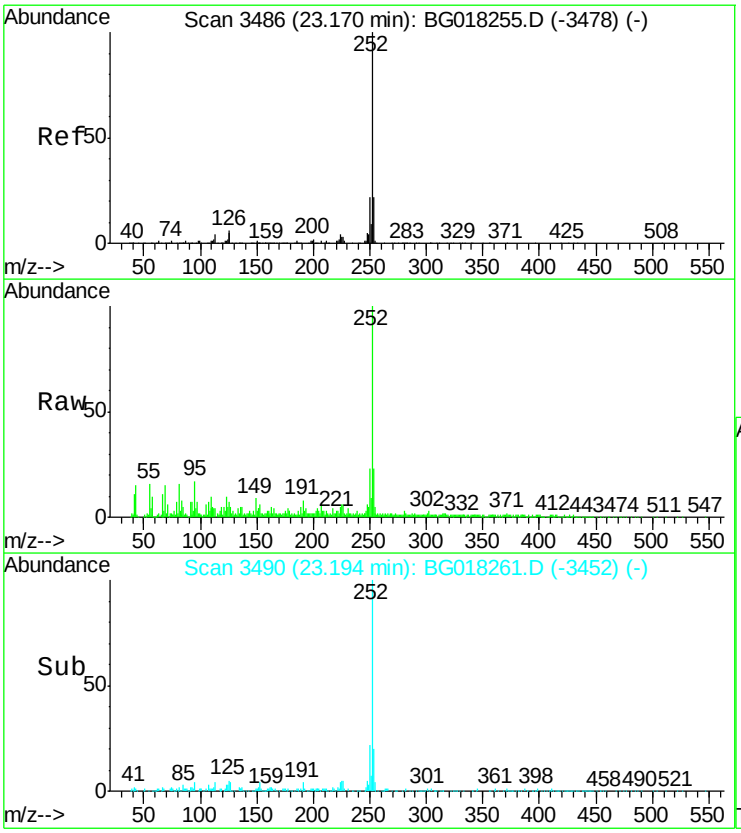
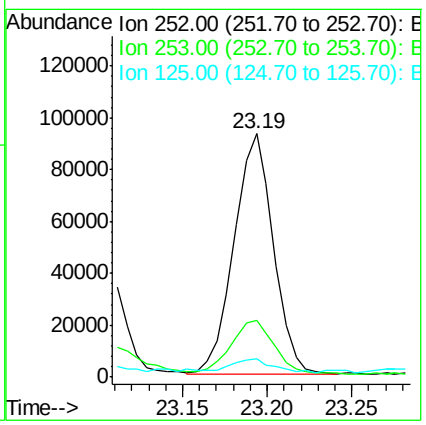
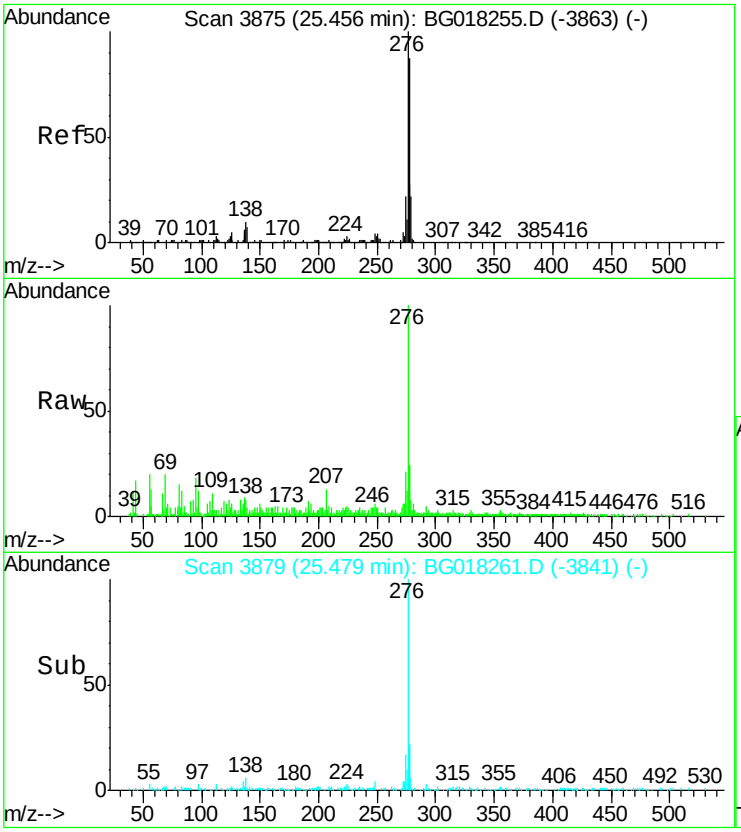


#91
Benzo(a)pyrene
Concen: 20.33 ng/ul
RT: 23.19 min Scan# 3490
Delta R.T. 0.02 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:252 Resp: 151028

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	7.3	7.3	10.9





#92
Indeno(1,2,3-cd)pyrene
Concen: 13.44 ng/ul
RT: 25.48 min Scan# 3879
Delta R.T. 0.02 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:276 Resp: 115510

Ion	Ratio	Lower	Upper
276	100		
138	8.3	17.2	25.8#
277	24.2	19.5	29.3

Instrument :
BNA_G
ClientSampleId :
C01W2

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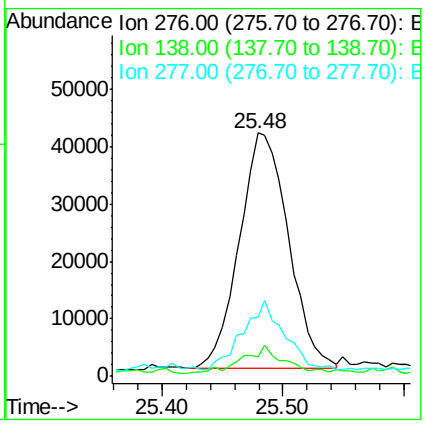
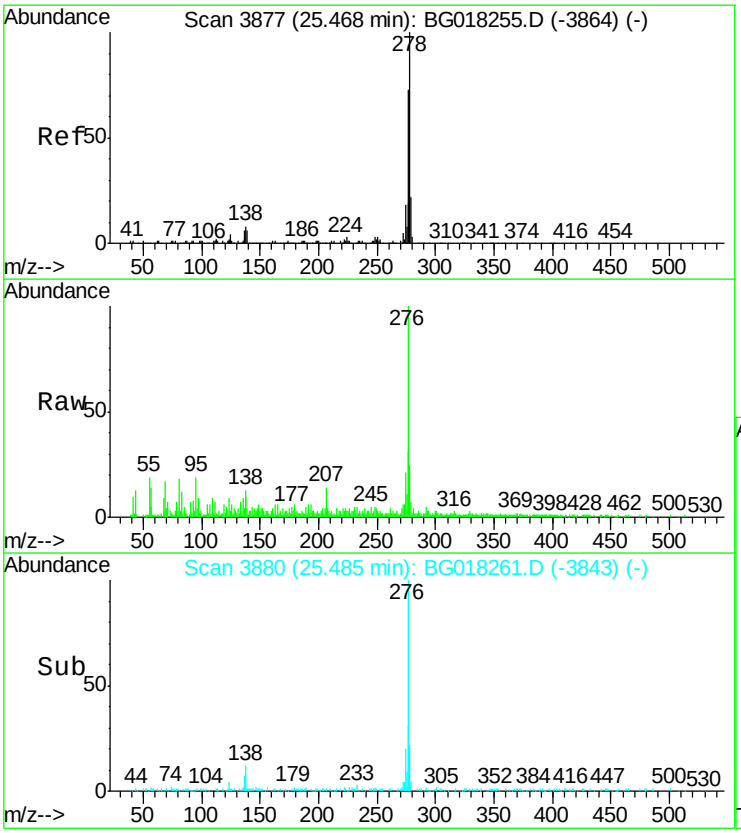
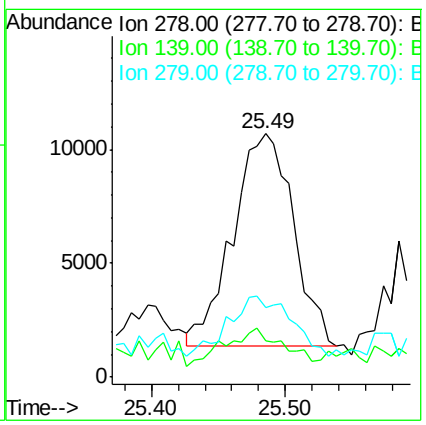


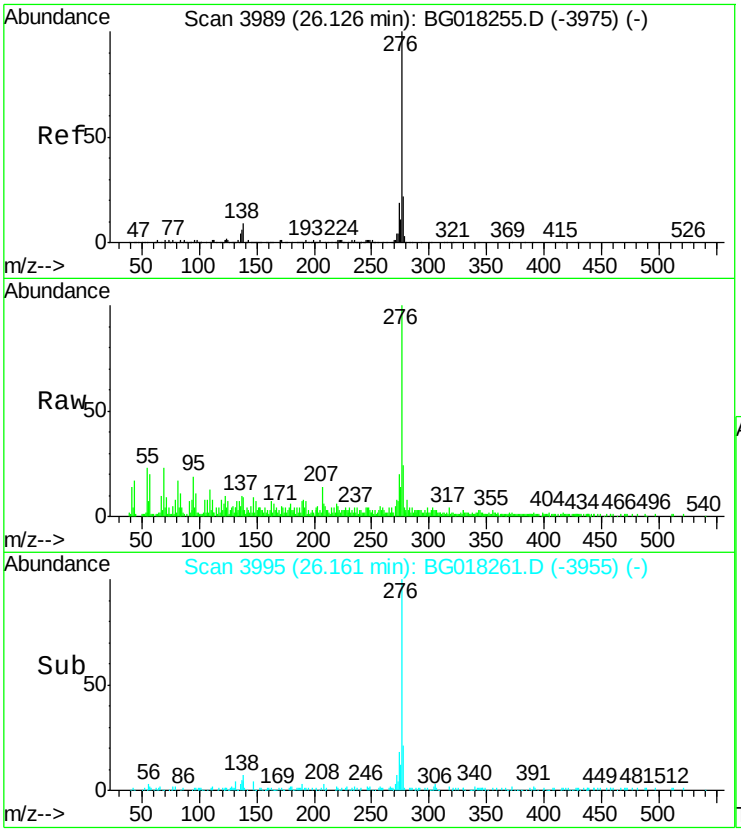


#93
Dibenzo(a,h)anthracene
Concen: 3.97 ng/ul
RT: 25.49 min Scan# 3880
Delta R.T. 0.02 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:278 Resp: 29199

Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.2	18.2
279	28.7	20.0	30.0

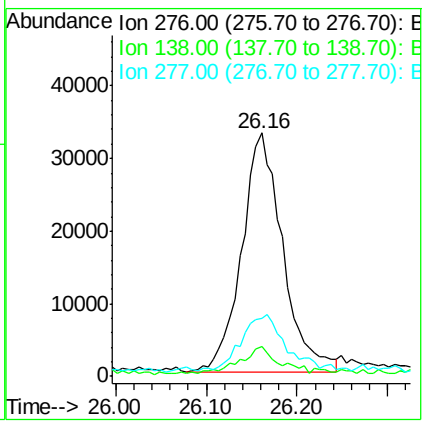




#94
Benzo(g,h,i)perylene
Concen: 14.66 ng/ul
RT: 26.16 min Scan# 3995
Delta R.T. 0.04 min
Lab File: BG018261.D
Acq: 4 Aug 2015 20:05

Tgt Ion:276 Resp: 102925

Ion	Ratio	Lower	Upper
276	100		
138	12.5	15.1	22.7#
277	23.7	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
C01W2

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