Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021858.D
Acq On : 12 May 2016 00:21
Operator : UM/SJ
Sample : H2936-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WF4

Manual Integrations APPROVED
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Quant Time: May 12 09:06:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	69941	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	340649	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	202699	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	429600	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	415325	20.00	ng/ul	0.00
84) Perylene-d12	25.19	264	421284	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	4728	3.26	ng/uL	0.00
5) Phenol-d5	7.33	99	82453	15.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	46423	18.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	83818	20.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	53227	12.21	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	42502	18.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	46706	33.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	77916	19.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	45341m	10.52	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	277947	19.52	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	375212	18.56	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	25857m	10.60	ng/ul	0.00
58) Fluorene-d10	15.79	176	261506	17.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	28951	24.33	ng/ul	0.00
71) Anthracene-d10	17.65	188	364636	17.44	ng/ul	0.00
77) Pyrene-d10	19.92	212	376765	19.38	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	358144	17.89	ng/ul	0.01
Target Compounds						Qvalue
14) Acetophenone	9.02	105	8719	1.21	ng/ul#	70
28) Naphthalene	11.06	128	17698	1.04	ng/ul	95
34) 2-Methylnaphthalene	12.64	142	16279	1.29	ng/ul	94
35) 1-Methylnaphthalene	12.86	142	15623	1.25	ng/ul#	93
45) Dimethylphthalate	14.25	163	58358	4.02	ng/ul	97
70) Phenanthrene	17.59	178	188943	8.04	ng/ul	98
75) Fluoranthene	19.59	202	263826	9.89	ng/ul	96
78) Pyrene	19.95	202	213636m	8.89	ng/ul	
79) Butylbenzylphthalate	20.82	149	7047	1.33	ng/ul	92
81) Benzo(a)anthracene	21.82	228	123322	5.34	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.70	149	45537	5.25	ng/ul#	99
83) Chrysene	21.89	228	134902	5.90	ng/ul	96
86) Benzo(b)fluoranthene	24.12	252	195673	8.11	ng/ul#	95
87) Benzo(k)fluoranthene	24.18	252	76496m	2.96	ng/ul	
89) Benzo(a)pyrene	25.03	252	120402	5.02	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	29.01	276	90761	3.19	ng/ul#	92
91) Dibenzo(a,h)anthracene	29.07	278	26406m	1.12	ng/ul	
92) Benzo(g,h,i)perylene	30.21	276	80762m	3.44	ng/ul	

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

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Misc :
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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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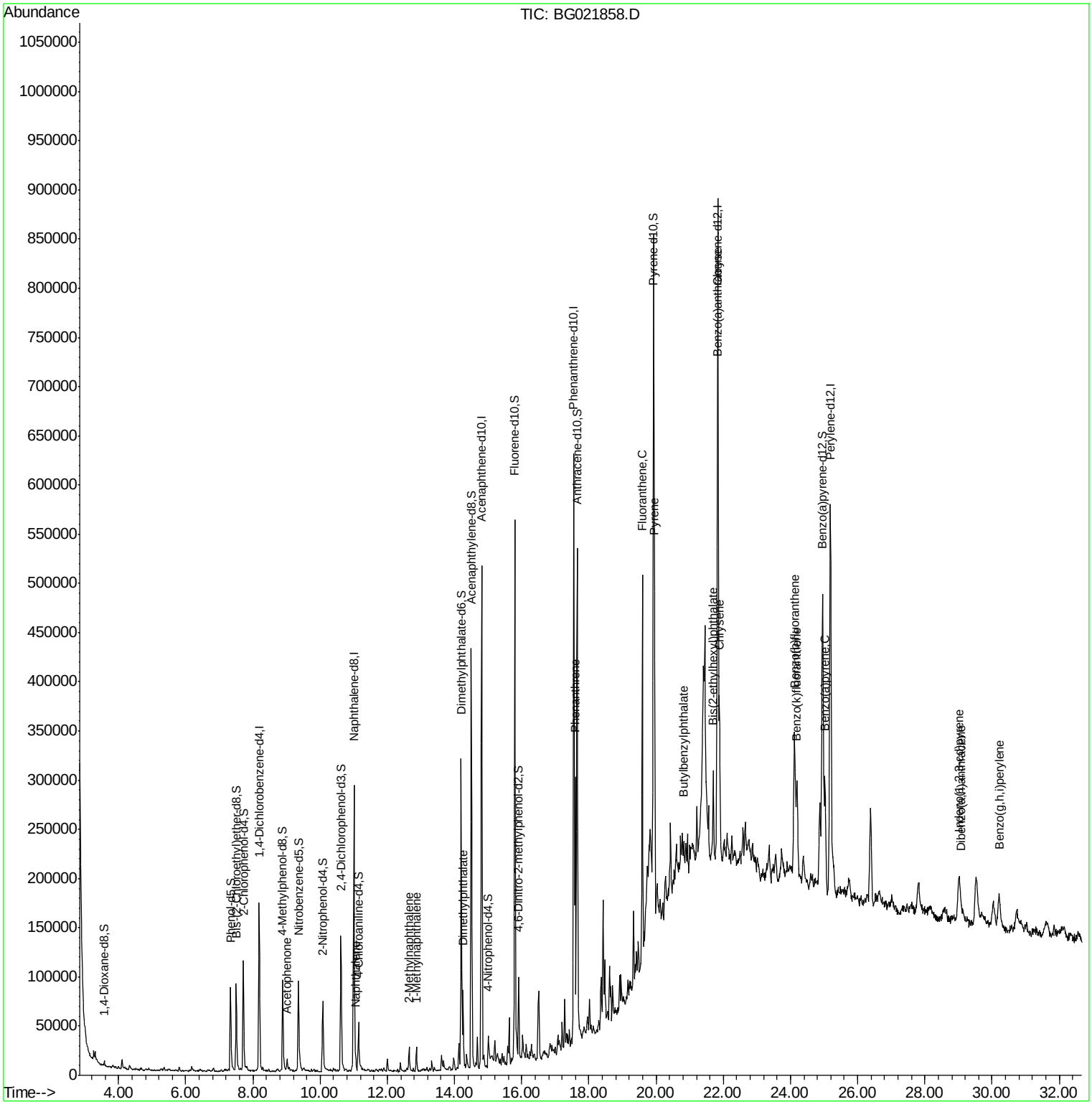
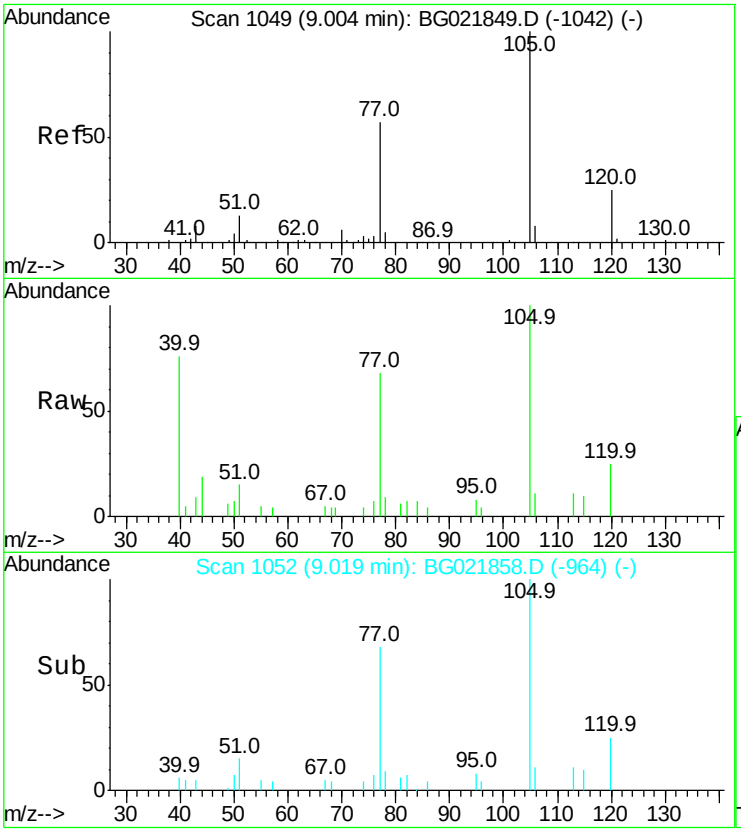
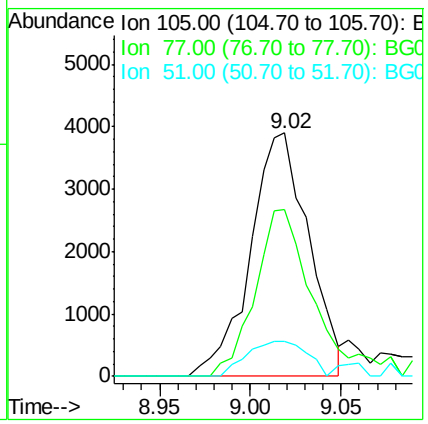




#14
Acetophenone
Concen: 1.21 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:105 Resp: 8719

Ion	Ratio	Lower	Upper
105	100		
77	68.3	76.3	114.5#
51	14.5	27.6	41.4#



Instrument :
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ClientSampleId :
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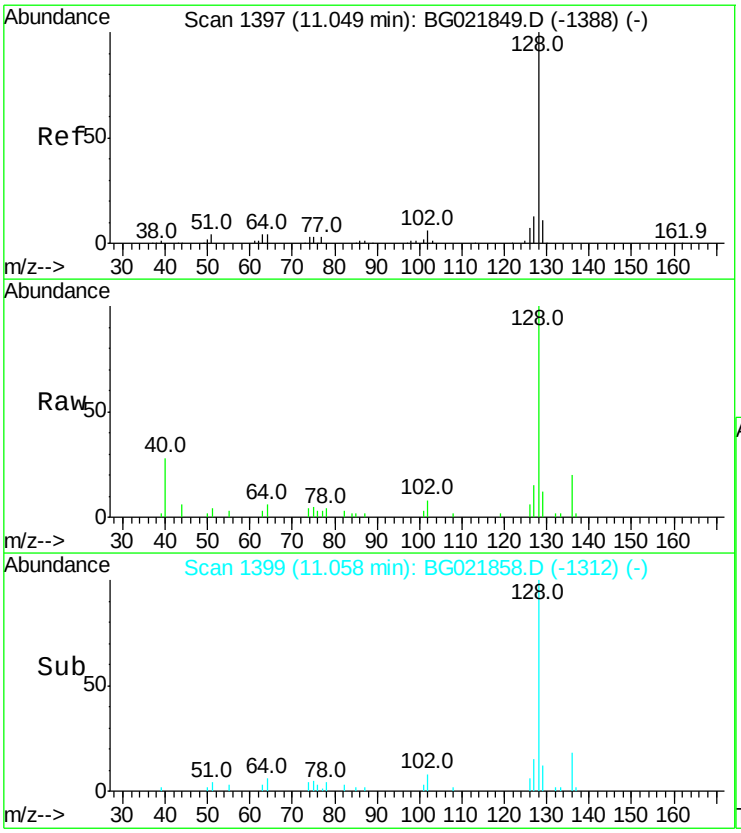
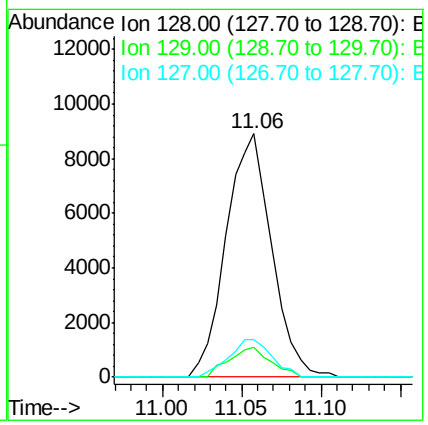
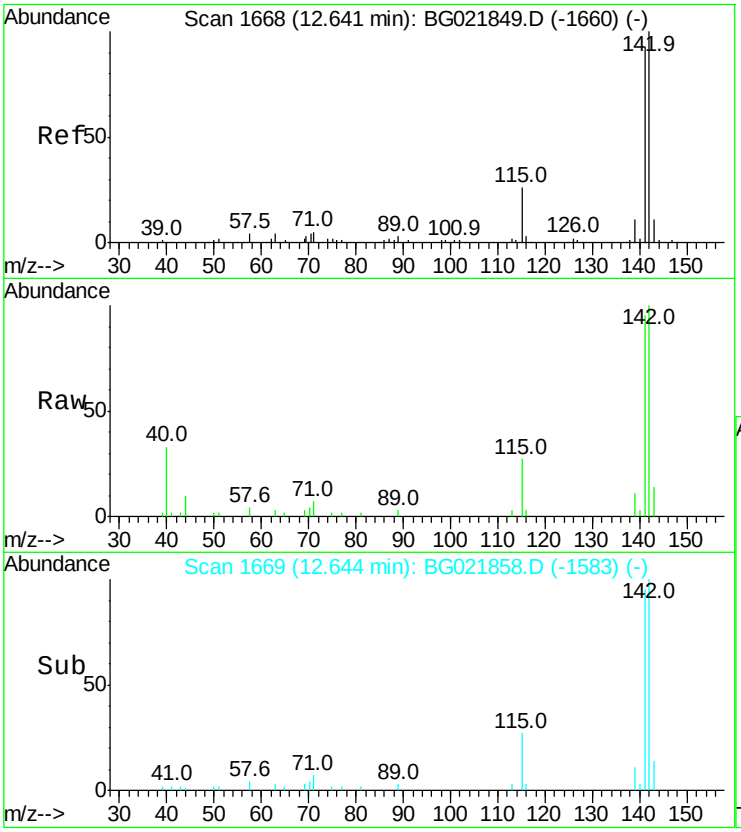


#28
Naphthalene
Concen: 1.04 ng/ul
RT: 11.06 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:128 Resp: 17698

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.3	12.5
127	15.4	10.8	16.2





#34
2-Methylnaphthalene
Concen: 1.29 ng/ul
RT: 12.64 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:142 Resp: 16279

Ion	Ratio	Lower	Upper
142	100		
141	94.7	71.3	106.9

Instrument :
BNA_G
ClientSampleId :
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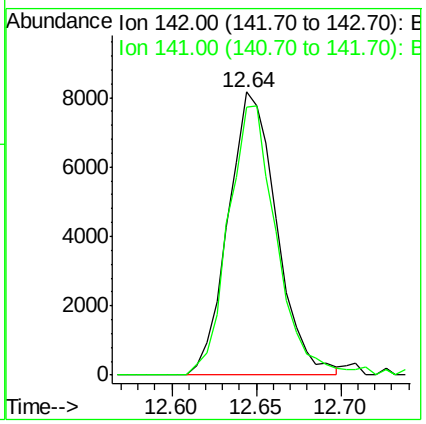
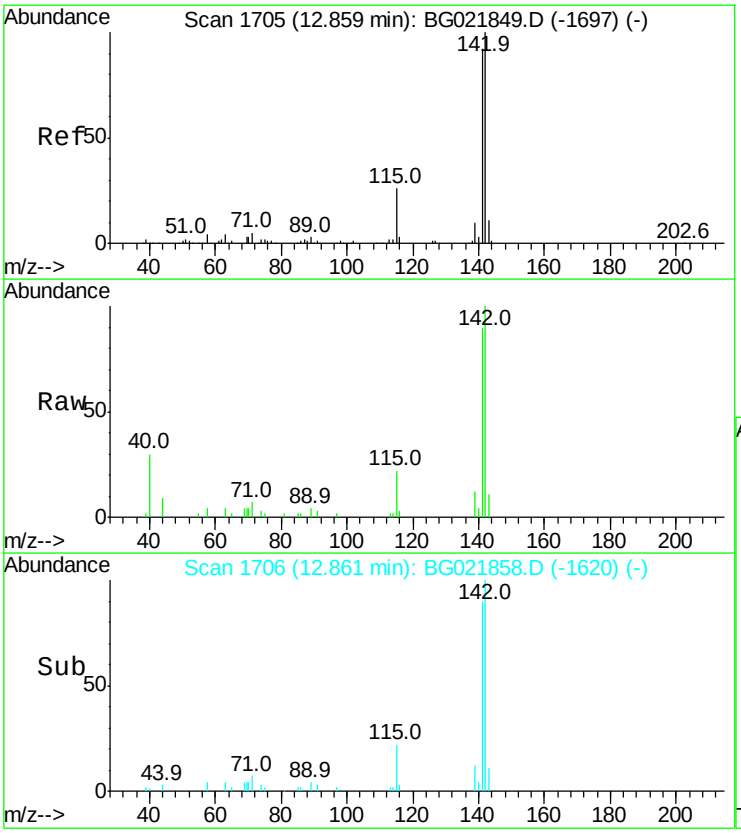
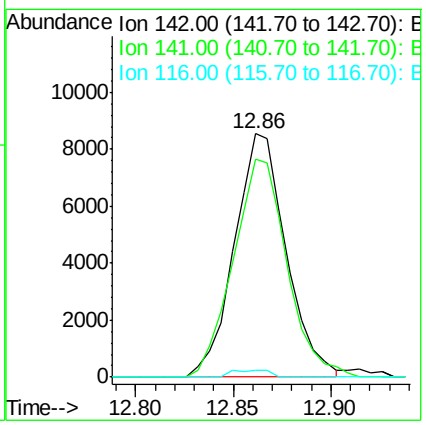


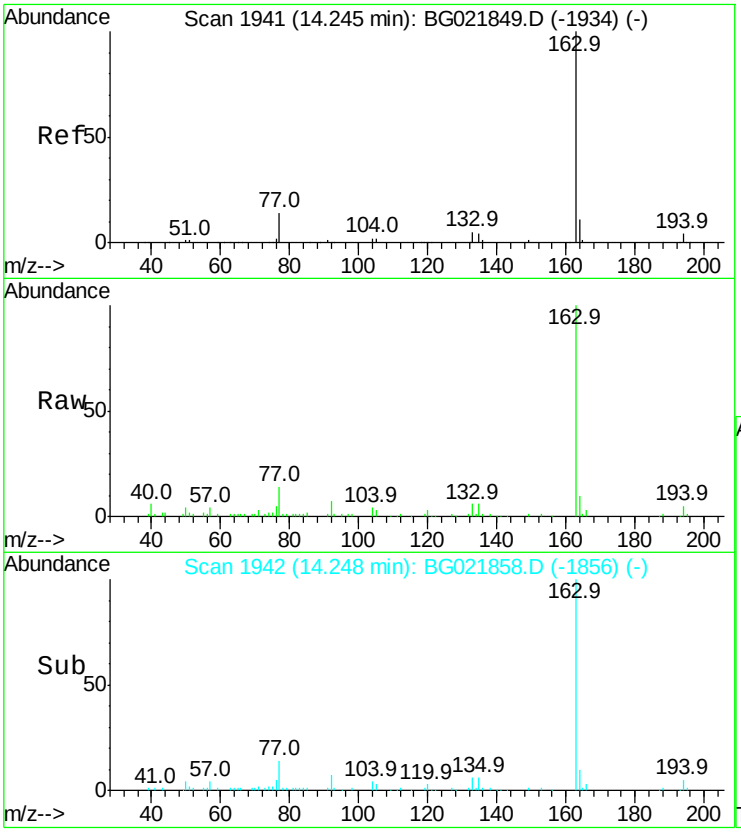


#35
1-Methylnaphthalene
Concen: 1.25 ng/ul
RT: 12.86 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:142 Resp: 15623

Ion	Ratio	Lower	Upper
142	100		
141	89.6	77.0	115.4
116	2.7	4.2	6.4#

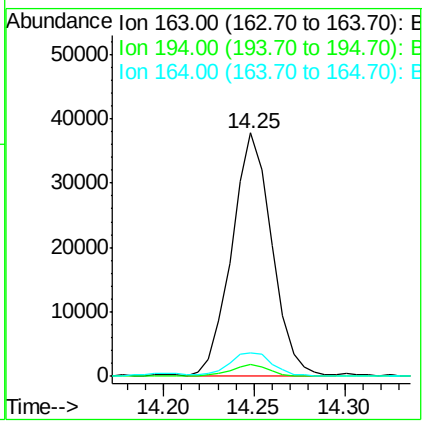




#45
Dimethylphthalate
Concen: 4.02 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:163 Resp: 58358

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.9	5.9
164	9.6	8.7	13.1



Instrument :
BNA_G
ClientSampleId :
D9WF4

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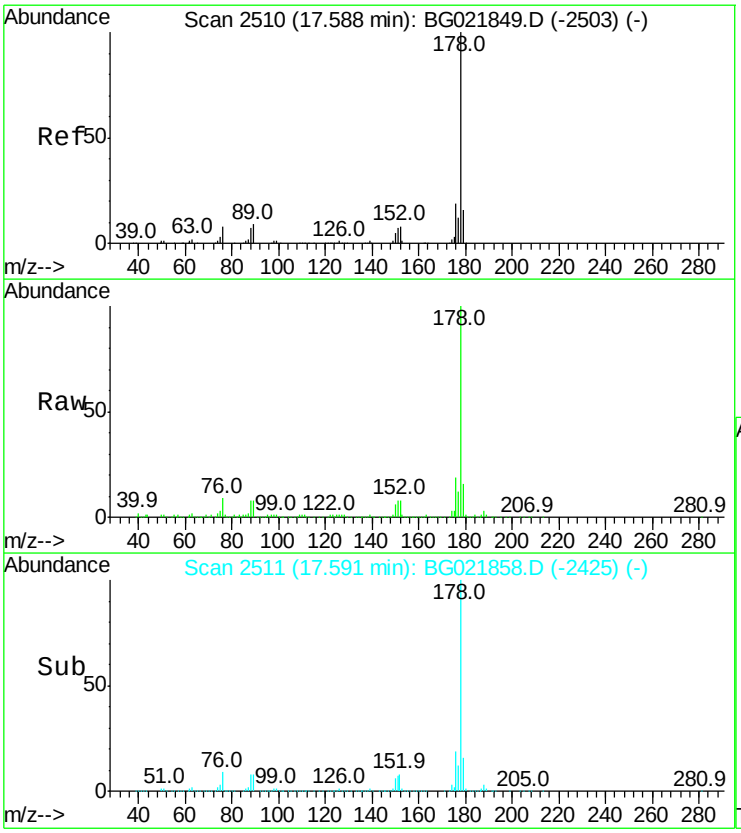
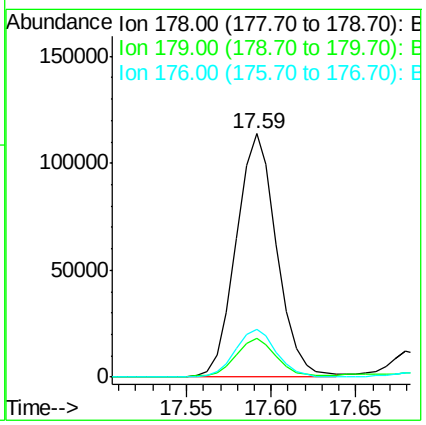
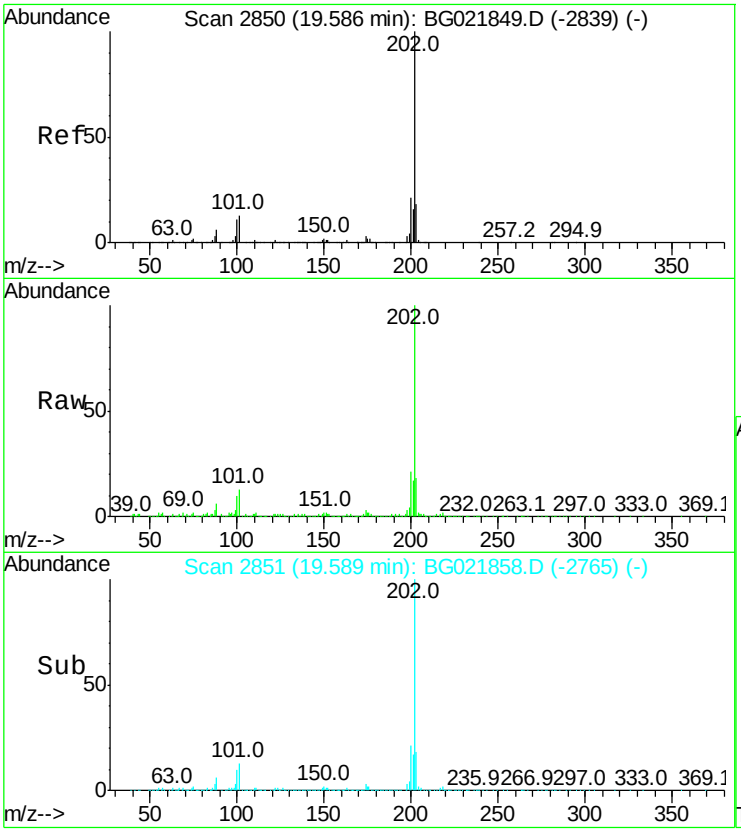


#70
Phenanthrene
Concen: 8.04 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:178 Resp: 188943

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	19.4	14.8	22.2

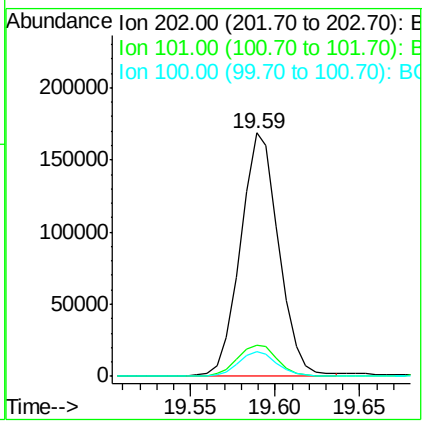




#75
Fluoranthene
Concen: 9.89 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:202 Resp: 263826

Ion	Ratio	Lower	Upper
202	100		
101	12.6	8.9	13.3
100	10.0	7.0	10.4



Instrument :
BNA_G
ClientSampleId :
D9WF4

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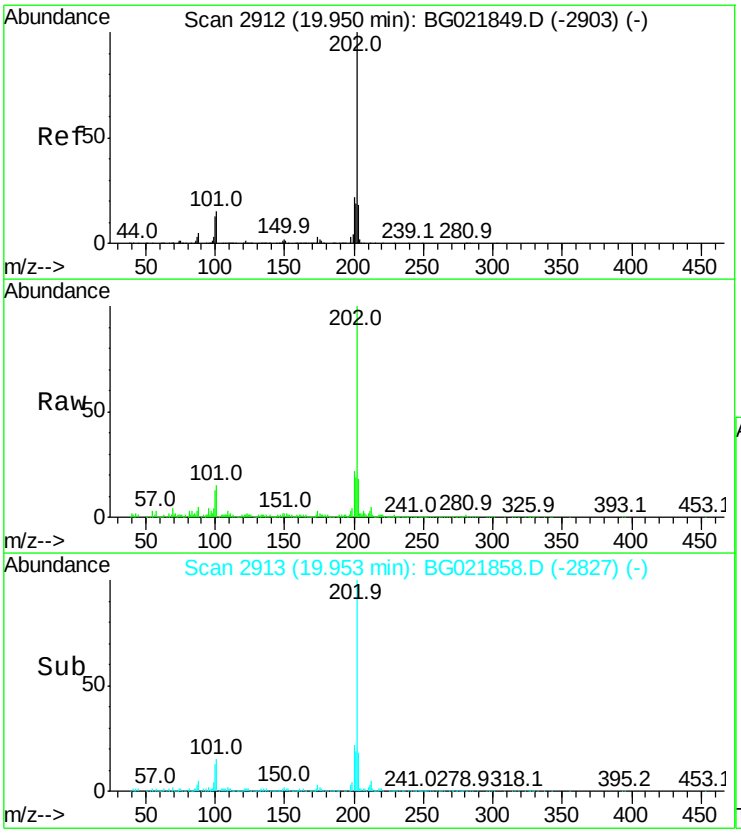
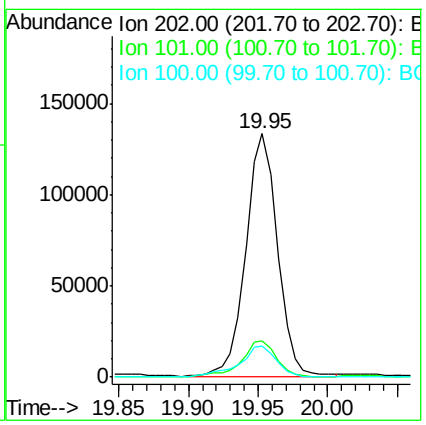
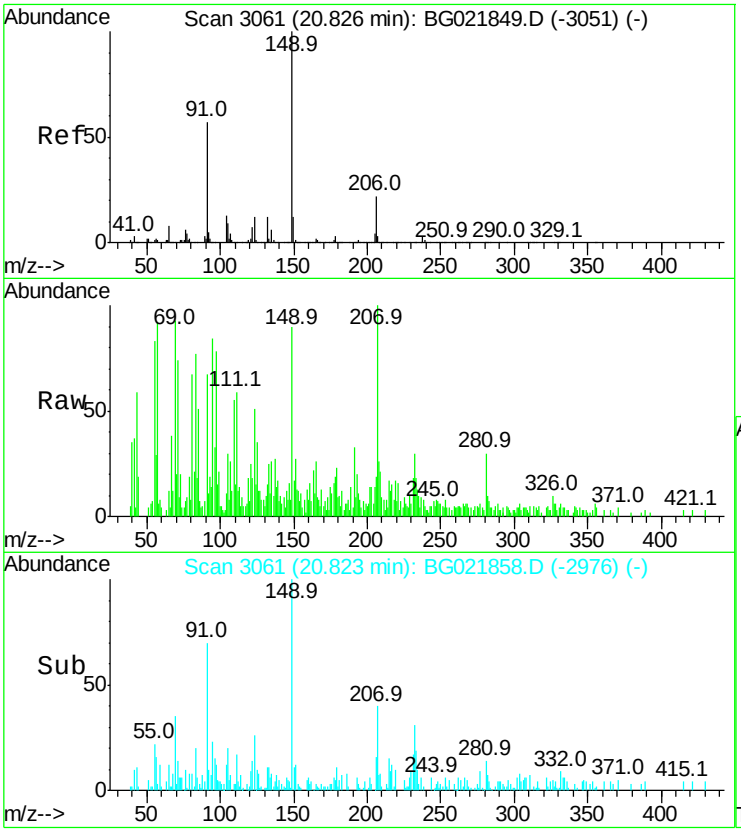


#78
Pyrene
Concen: 8.89 ng/ul m
RT: 19.95 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:202 Resp: 213636

Ion	Ratio	Lower	Upper
202	100		
101	15.1	9.8	14.8#
100	13.0	9.3	13.9

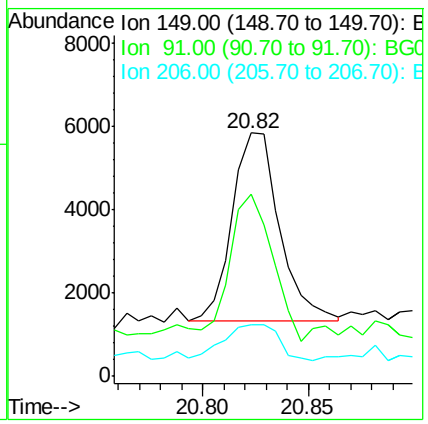




#79
Butylbenzylphthalate
Concen: 1.33 ng/ul
RT: 20.82 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:149 Resp: 7047

Ion	Ratio	Lower	Upper
149	100		
91	74.7	65.8	98.8
206	21.1	15.5	23.3



Instrument :
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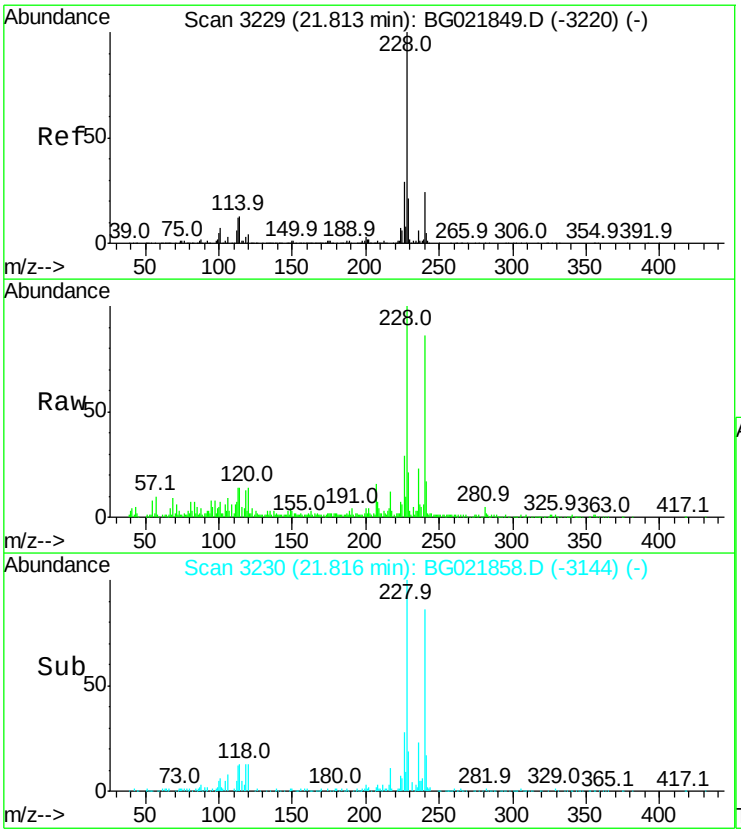
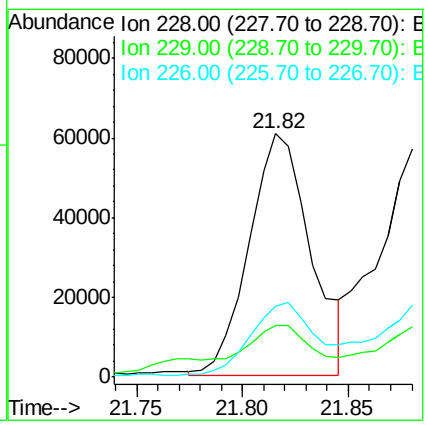
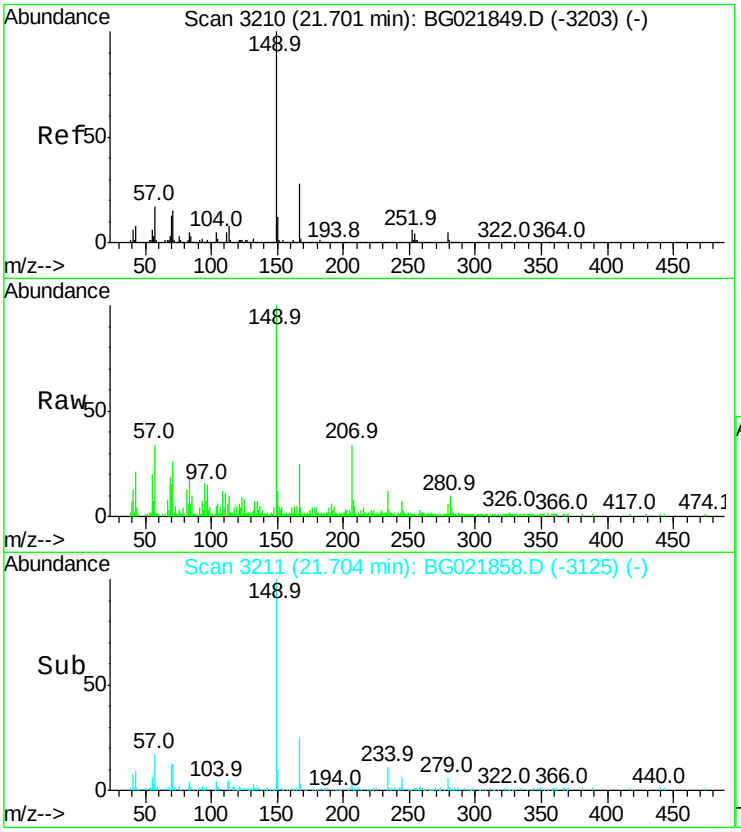


#81
Benzo(a)anthracene
Concen: 5.34 ng/ul
RT: 21.82 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:228 Resp: 123322

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.6	25.0
226	29.1	21.0	31.4





#82
Bis(2-ethylhexyl)phthalate
Concen: 5.25 ng/ul
RT: 21.70 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:149 Resp: 45537

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.5	30.7
279	6.0	3.7	5.5#

Instrument :
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ClientSampleId :
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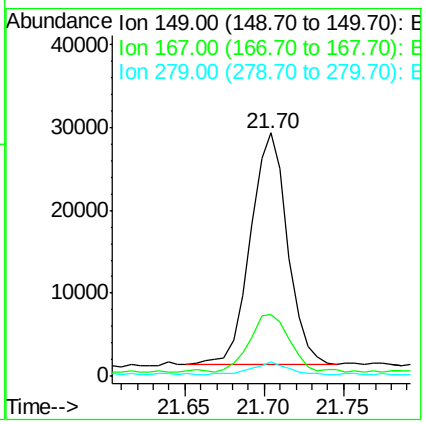
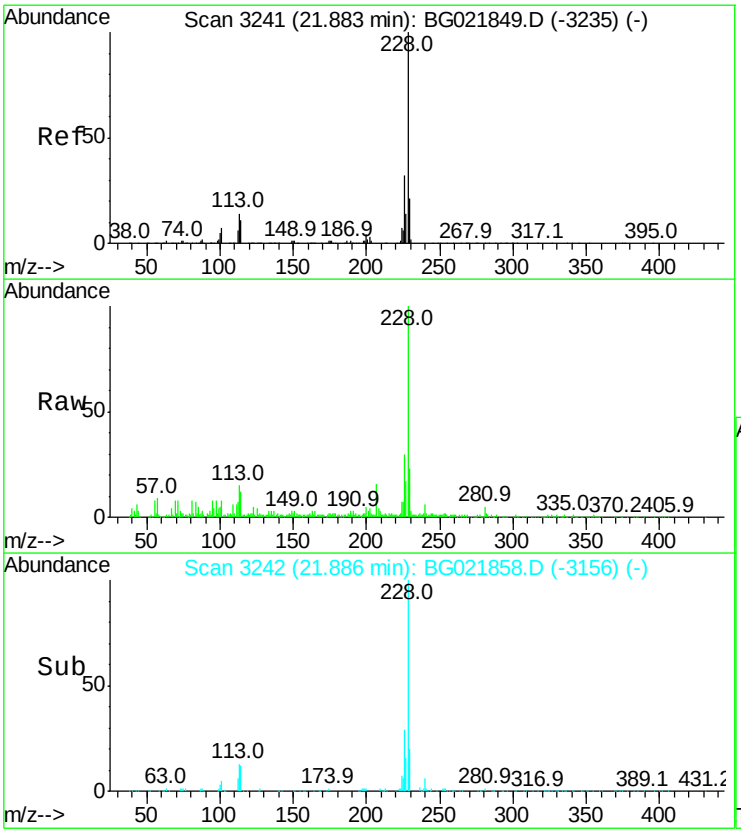
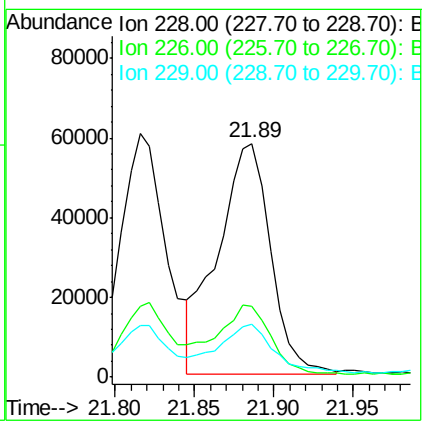


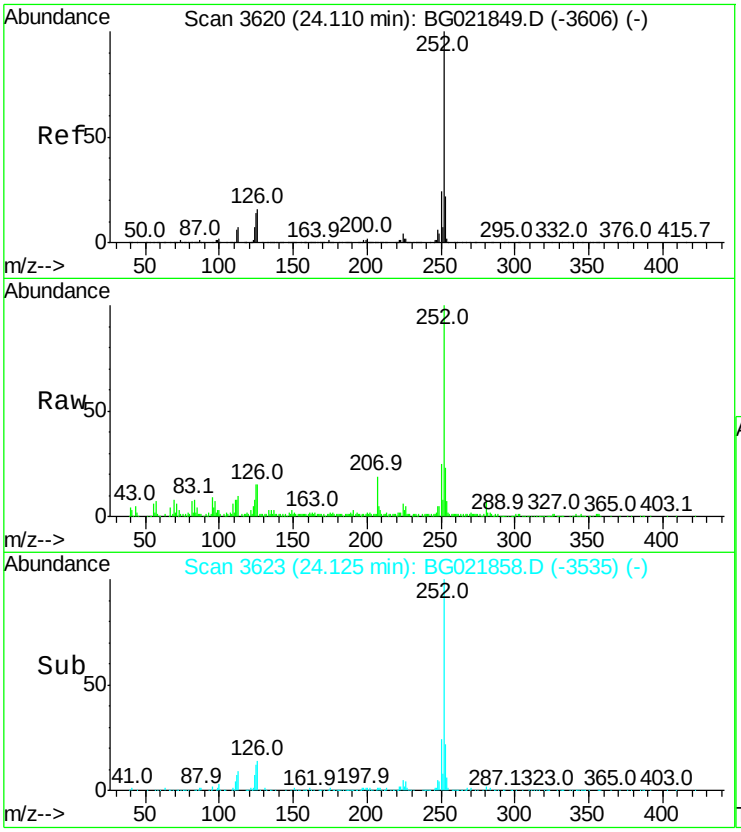


#83
Chrysene
Concen: 5.90 ng/ul
RT: 21.89 min Scan# 3242
Delta R.T. 0.00 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:228 Resp: 134902

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.9	16.2	24.2





#86
Benzo(b)fluoranthene
Concen: 8.11 ng/ul
RT: 24.12 min Scan# 3623
Delta R.T. 0.01 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:252 Resp: 195673

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	15.5	7.6	11.4#

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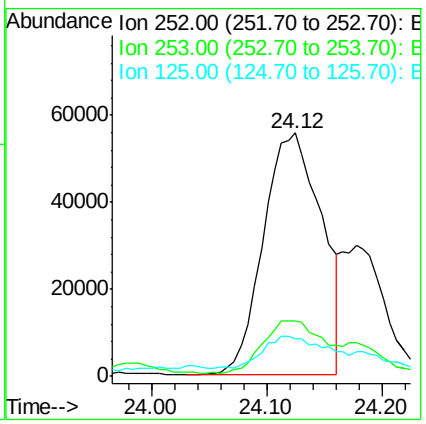
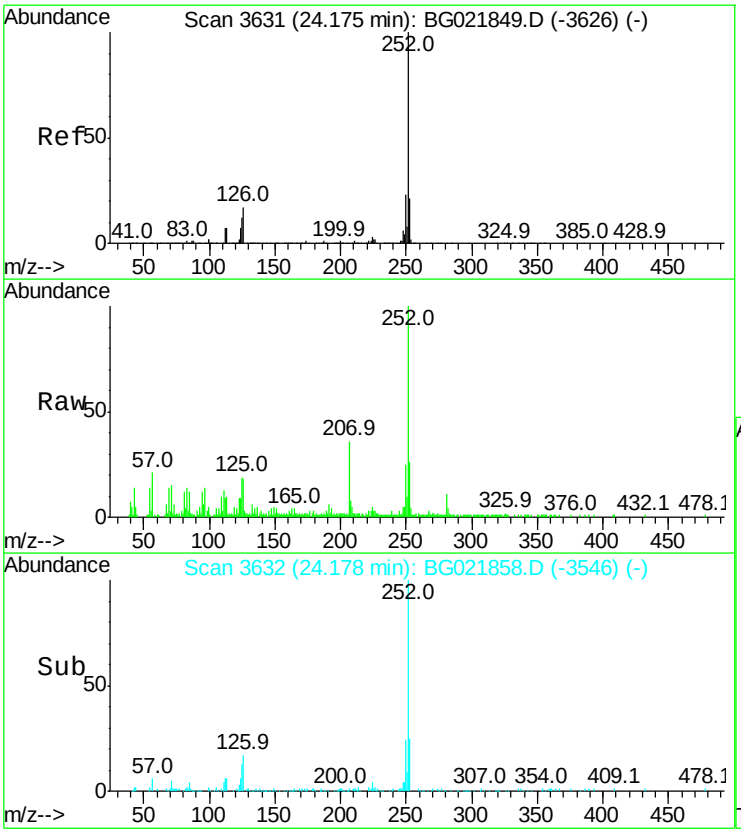
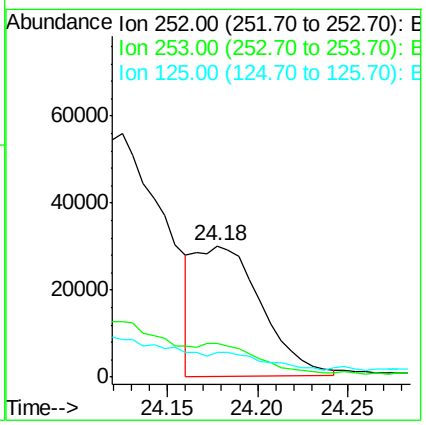


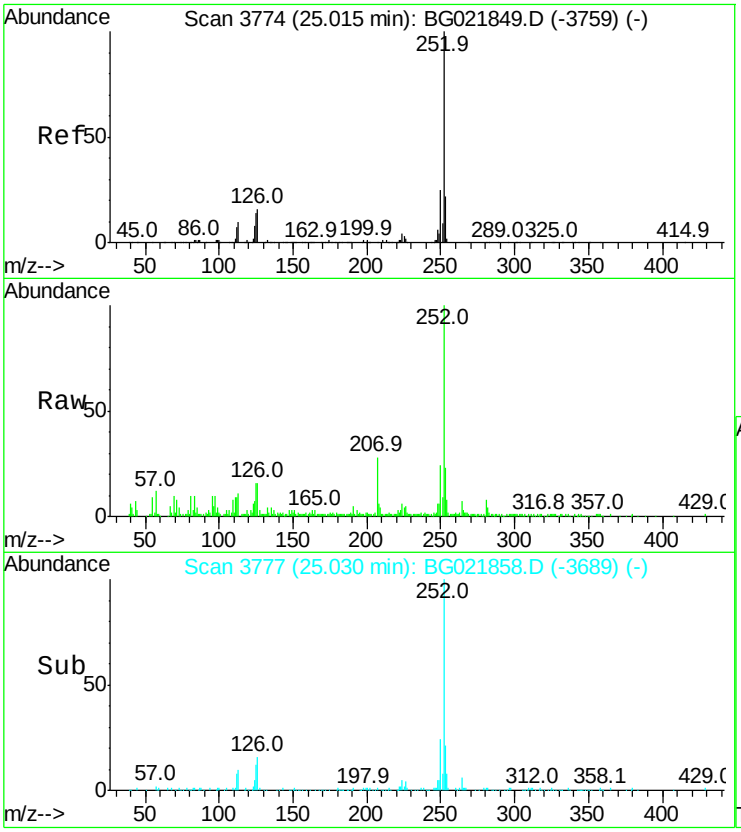


#87
Benzo(k)fluoranthene
Concen: 2.96 ng/ul m
RT: 24.18 min Scan# 3632
Delta R.T. 0.00 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:252 Resp: 76496

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.8	26.8
125	18.8	7.7	11.5#





#89
Benzo(a)pyrene
Concen: 5.02 ng/ul
RT: 25.03 min Scan# 3777
Delta R.T. 0.01 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:252 Resp: 120402

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	16.1	8.2	12.2#

Instrument :
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ClientSampleId :
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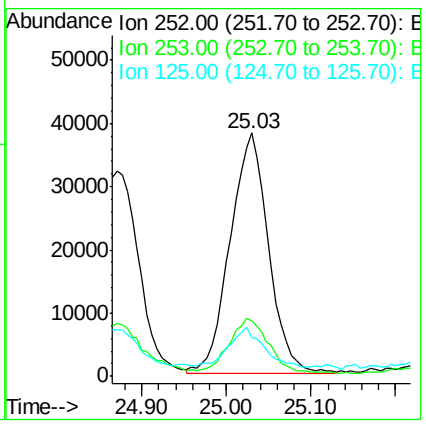
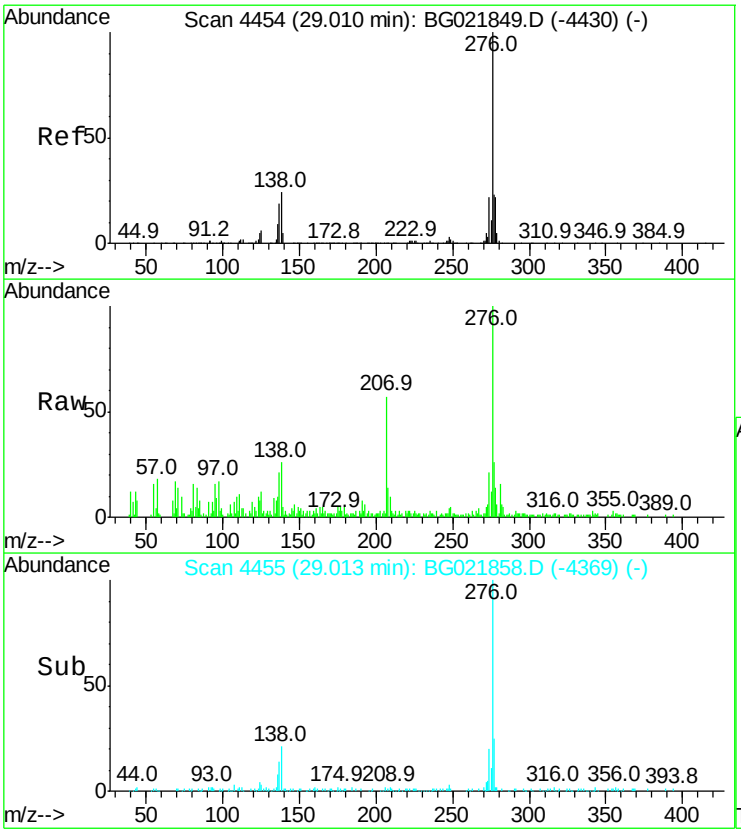
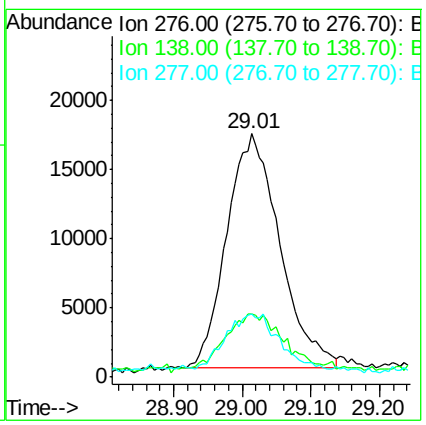


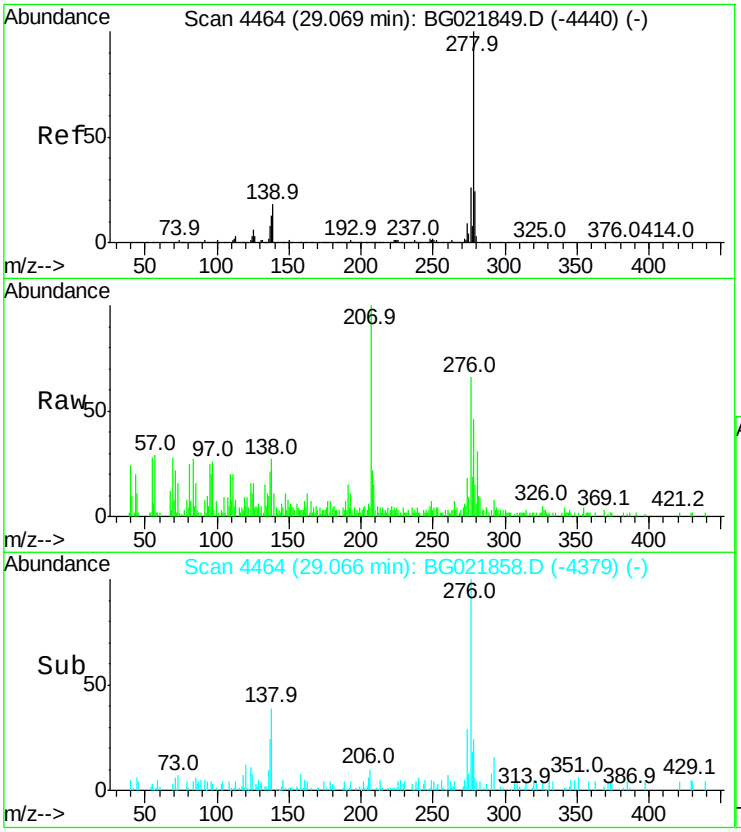


#90
Indeno(1,2,3-cd)pyrene
Concen: 3.19 ng/ul
RT: 29.01 min Scan# 4455
Delta R.T. 0.00 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:276 Resp: 90761

Ion	Ratio	Lower	Upper
276	100		
138	25.7	15.8	23.6#
277	25.9	19.0	28.6





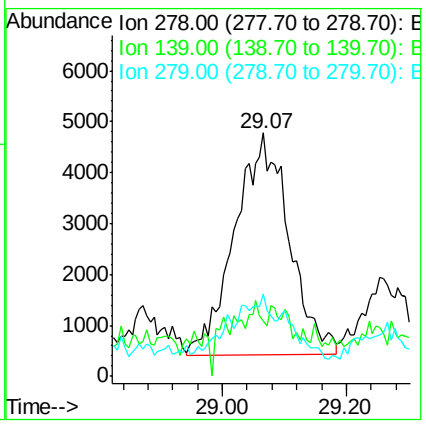
#91
Dibenzo(a,h)anthracene
Concen: 1.12 ng/ul m
RT: 29.07 min Scan# 4464
Delta R.T. -0.00 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

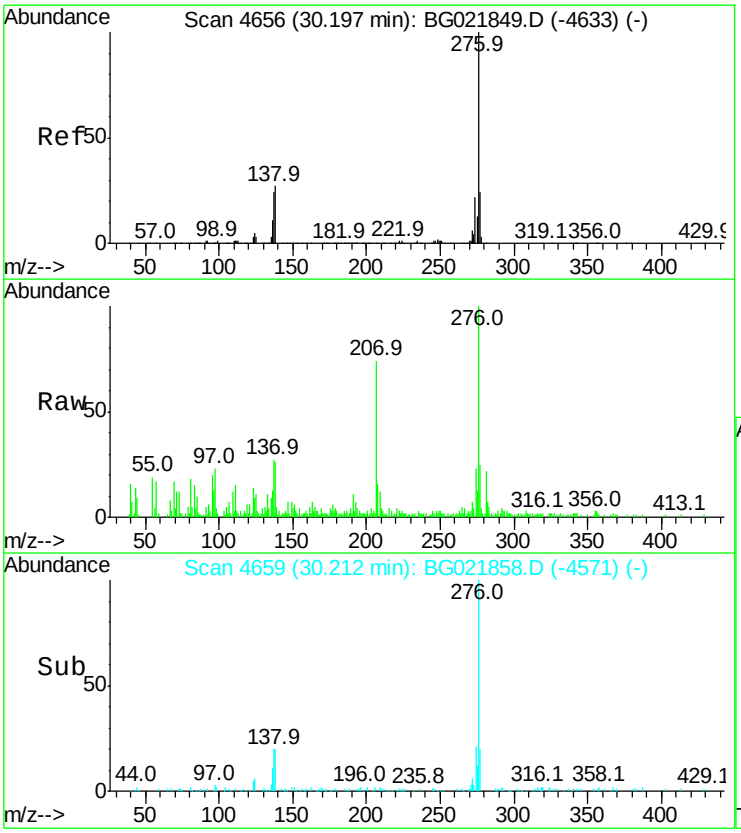
Tgt Ion:278 Resp: 26406

Ion	Ratio	Lower	Upper
278	100		
139	23.0	12.1	18.1#
279	33.7	19.8	29.8#

Instrument :
BNA_G
ClientSampleId :
D9WF4

Manual Integrations APPROVED
sohil
5/12/2016 7:27:19 PM





#92
Benzo(g,h,i)perylene
Concen: 3.44 ng/ul m
RT: 30.21 min Scan# 4659
Delta R.T. 0.01 min
Lab File: BG021858.D
Acq: 12 May 2016 00:21

Tgt Ion:276 Resp: 80762

Ion	Ratio	Lower	Upper
276	100		
138	26.2	13.9	20.9#
277	24.6	19.8	29.6