Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
Data File : BG021962.D
Acq On : 19 May 2016 14:10
Operator : UM/SJ
Sample : H3092-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XC0

Manual Integrations APPROVED
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Quant Time: May 20 06:41:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	31156	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	166954	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	95003	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	197094	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	178454	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	168655	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	2331	3.43	ng/uL	0.00
3) Phenol-d5	7.31	99	44928	16.33	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	26881	18.35	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	41553	18.40	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	31608	12.90	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	21019	17.94	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	22235	17.79	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	39576	17.92	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	38480	22.12	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	141926	19.37	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	191318	20.28	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	9004	6.99	ng/ul	0.00
21) Fluorene-d10	15.77	176	128590	19.50	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	11434	11.69	ng/ul	0.00
26) Anthracene-d10	17.63	188	177998	19.60	ng/ul	0.00
30) Pyrene-d10	19.90	212	183608	19.50	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	153743	20.53	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	51501	6.34	ng/ul	99
13) 2-Methylnaphthalene	12.62	142	17387	2.95	ng/ul	99
14) 1-Methylnaphthalene	12.84	142	16146m	2.68	ng/ul	
19) Acenaphthene	14.84	153	63964	9.48	ng/ul	99
22) Fluorene	15.82	166	59535	7.97	ng/ul	99
25) Phenanthrene	17.57	178	969050	91.98	ng/ul	93
27) Anthracene	17.66	178	196267	18.54	ng/ul	99
28) Fluoranthene	19.57	202	1099829	100.45	ng/ul#	90
31) Pyrene	19.94	202	912357	74.24	ng/ul#	90
32) Benzo(a)anthracene	21.79	228	395737	39.98	ng/ul	97
33) Chrysene	21.86	228	353831	36.74	ng/ul	95
35) Benzo(b)fluoranthene	24.08	252	456125	47.05	ng/ul#	93
36) Benzo(k)fluoranthene	24.14	252	133762m	14.03	ng/ul	
38) Benzo(a)pyrene	24.98	252	304853	32.88	ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	28.94	276	204987	19.45	ng/ul#	92
40) Dibenzo(a,h)anthracene	29.00	278	50619m	5.80	ng/ul	
41) Benzo(g,h,i)perylene	30.14	276	192352	21.57	ng/ul#	90

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

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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9XC0

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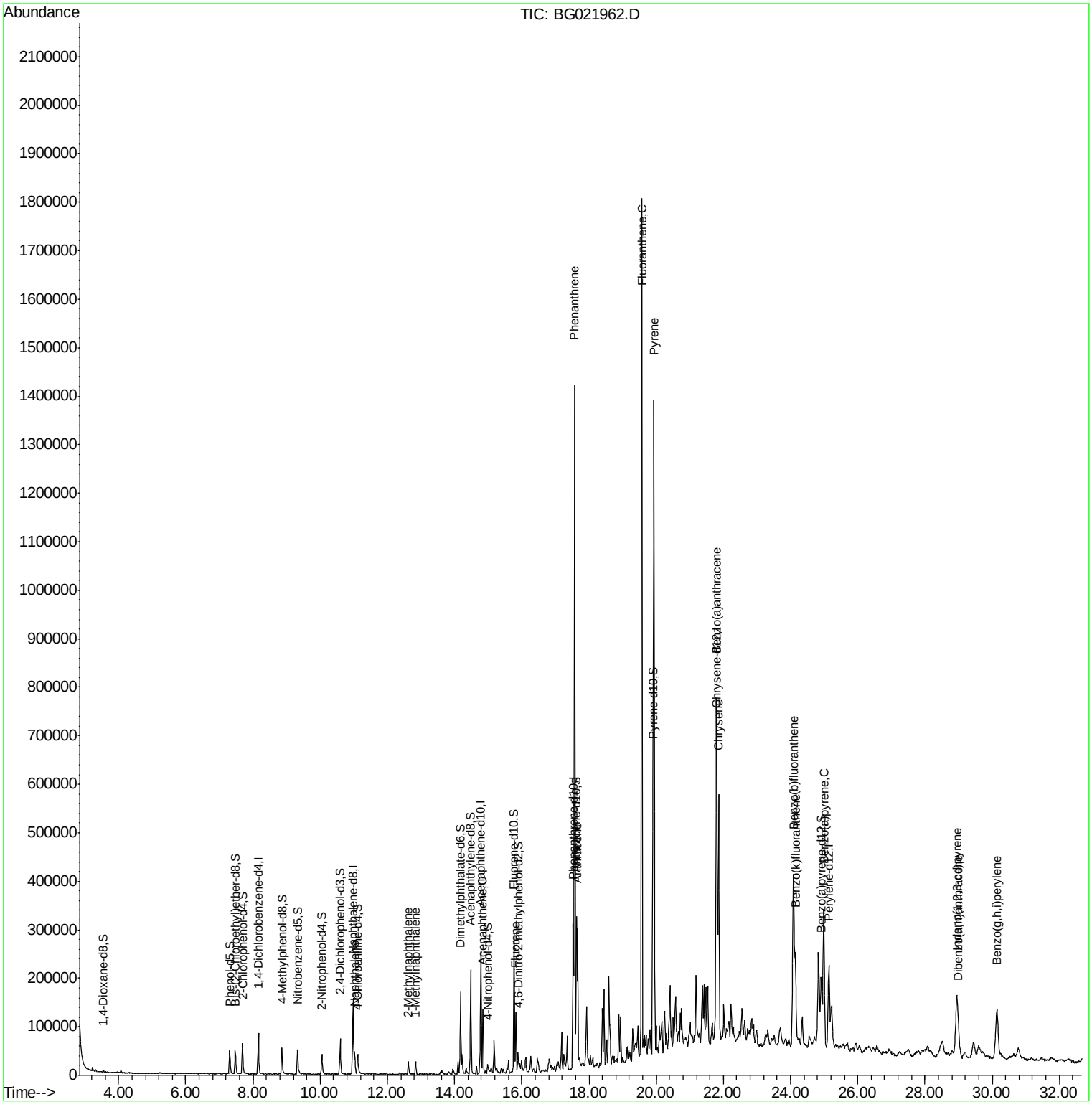
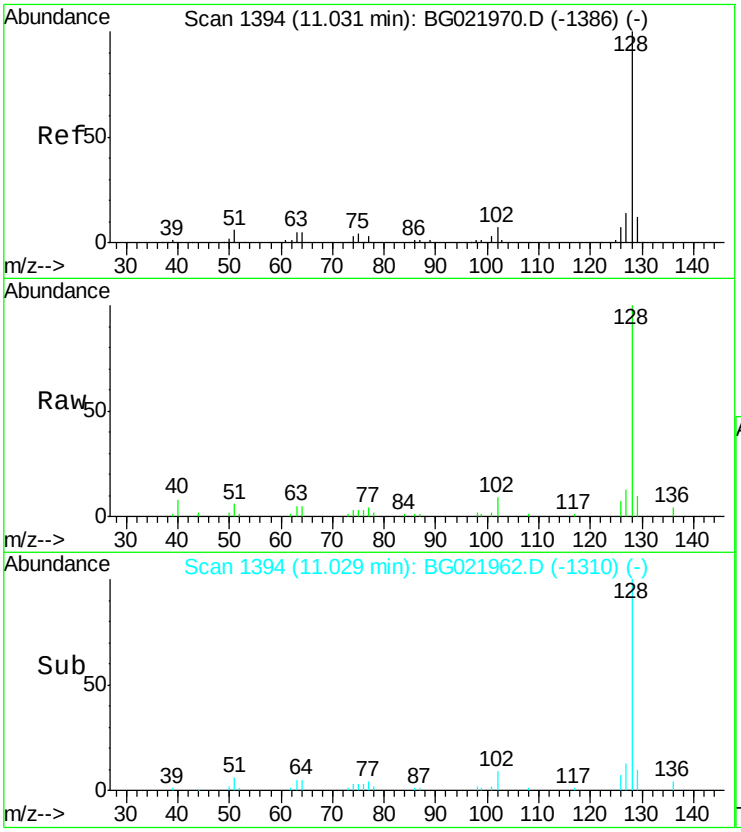
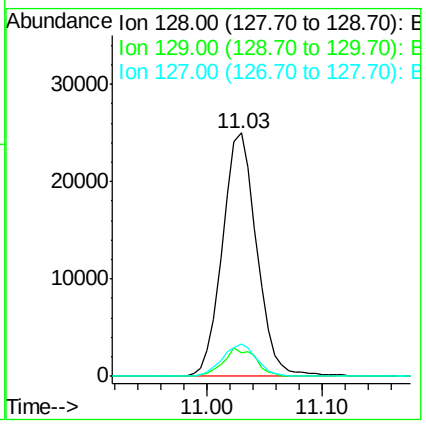




#11
Naphthalene
Concen: 6.34 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:128 Resp: 51501

Ion	Ratio	Lower	Upper
128	100		
129	9.7	8.3	12.5
127	13.1	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
D9XC0

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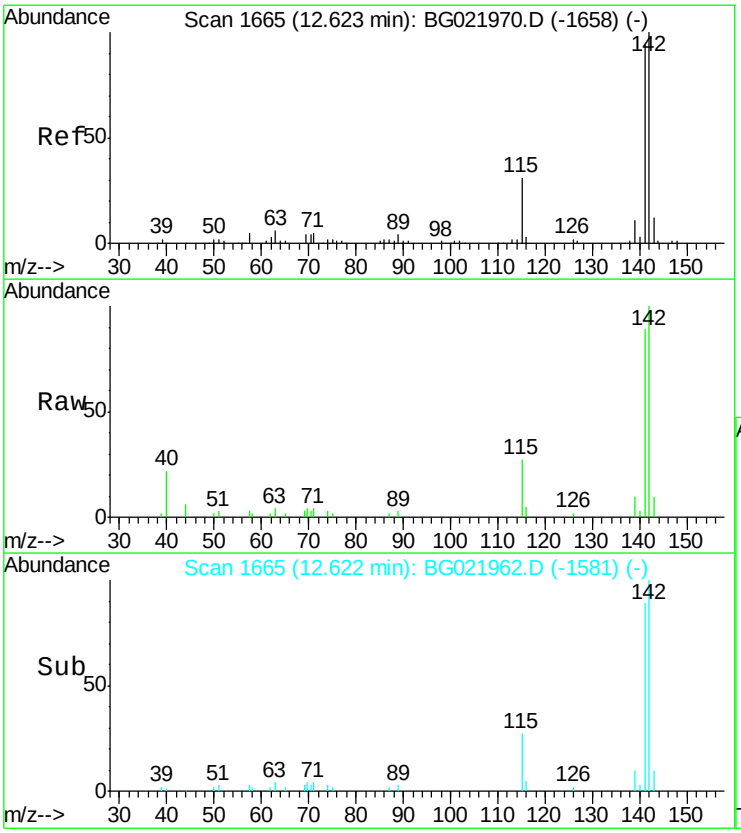
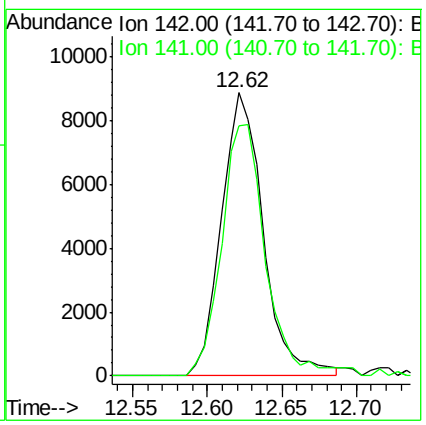
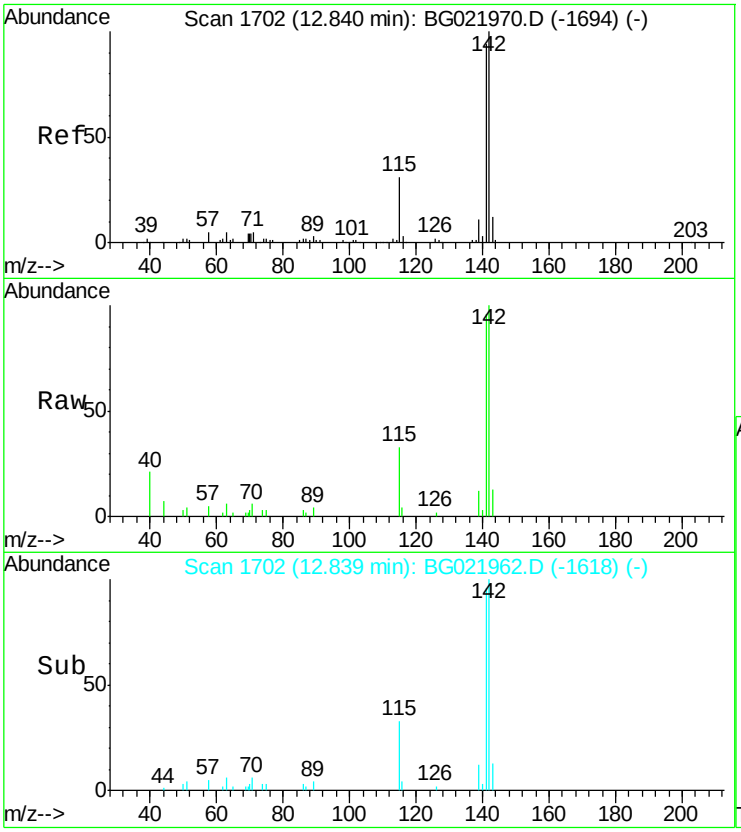


#13
2-Methylnaphthalene
Concen: 2.95 ng/ul
RT: 12.62 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:142 Resp: 17387

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9





#14
1-Methylnaphthalene
Concen: 2.68 ng/ul m
RT: 12.84 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:142 Resp: 16146

Ion	Ratio	Lower	Upper
142	100		
141	96.4	77.0	115.4
116	4.0	4.2	6.4#

Instrument :
BNA_G
ClientSampleId :
D9XC0

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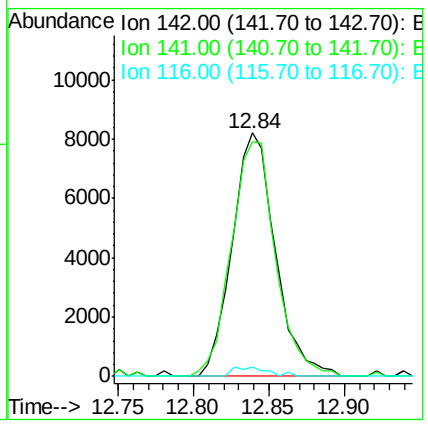
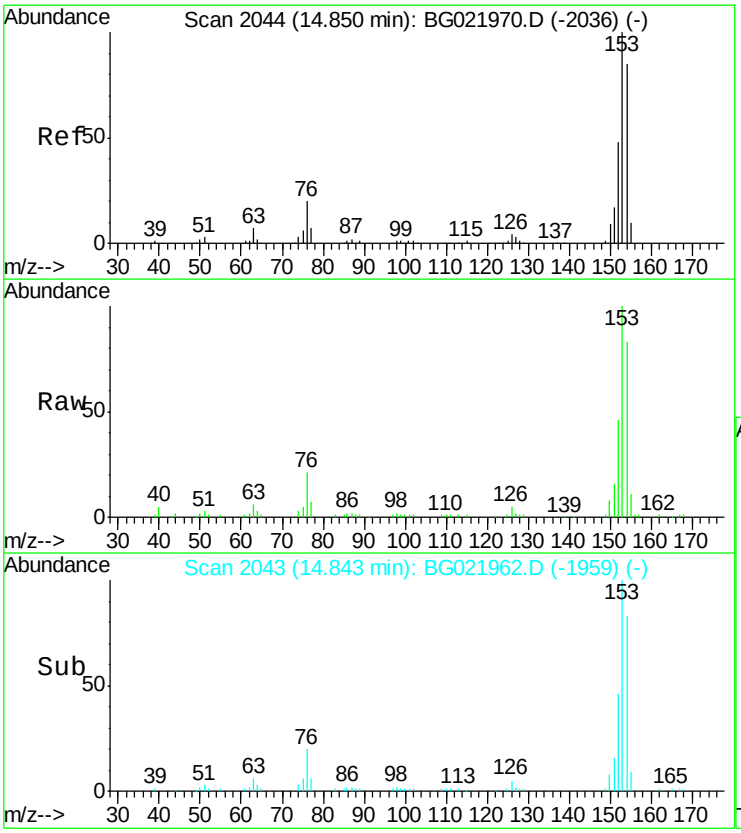
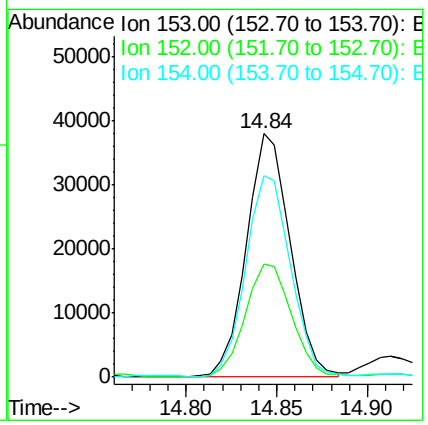


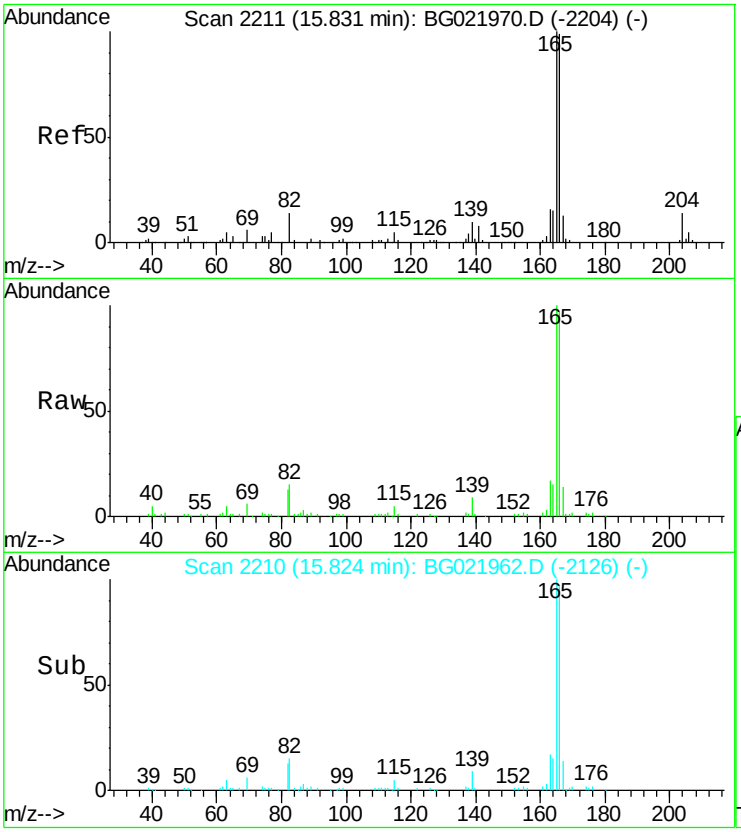


#19
Acenaphthene
Concen: 9.48 ng/ul
RT: 14.84 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:153 Resp: 63964

Ion	Ratio	Lower	Upper
153	100		
152	46.2	36.5	54.7
154	82.7	67.3	100.9

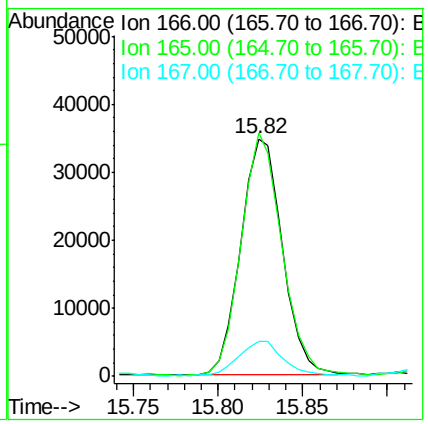




#22
Fluorene
Concen: 7.97 ng/ul
RT: 15.82 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:166 Resp: 59535

Ion	Ratio	Lower	Upper
166	100		
165	102.6	81.1	121.7
167	14.7	10.6	16.0



Instrument :
BNA_G
ClientSampleId :
D9XC0

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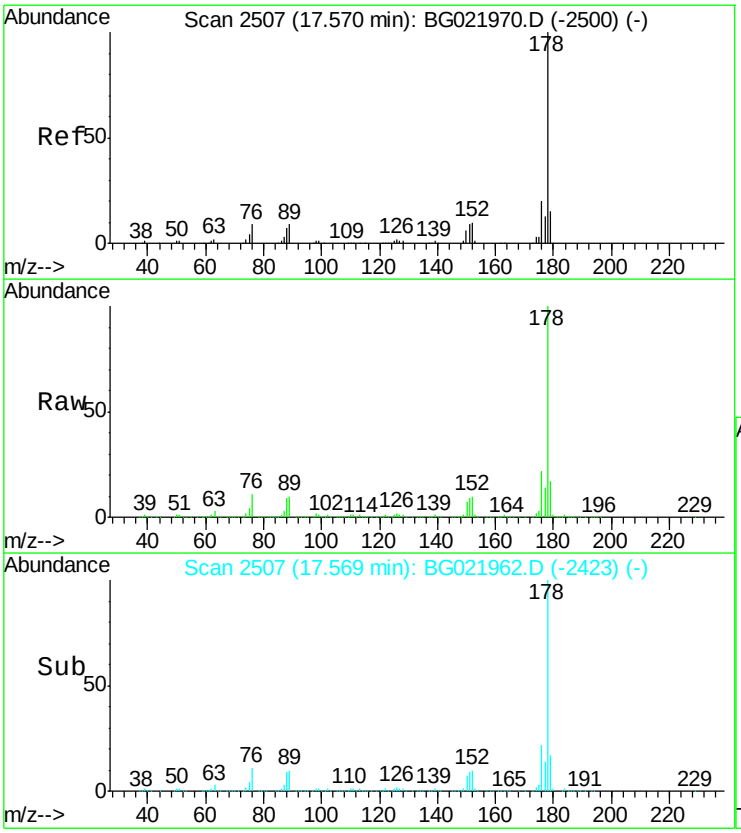
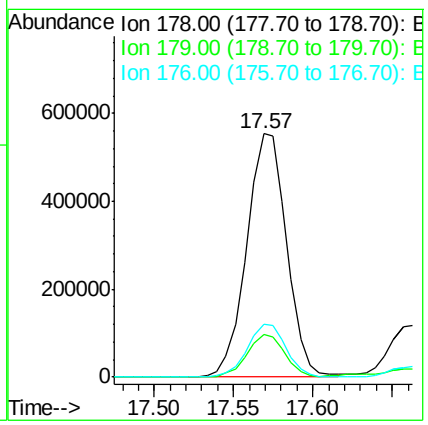
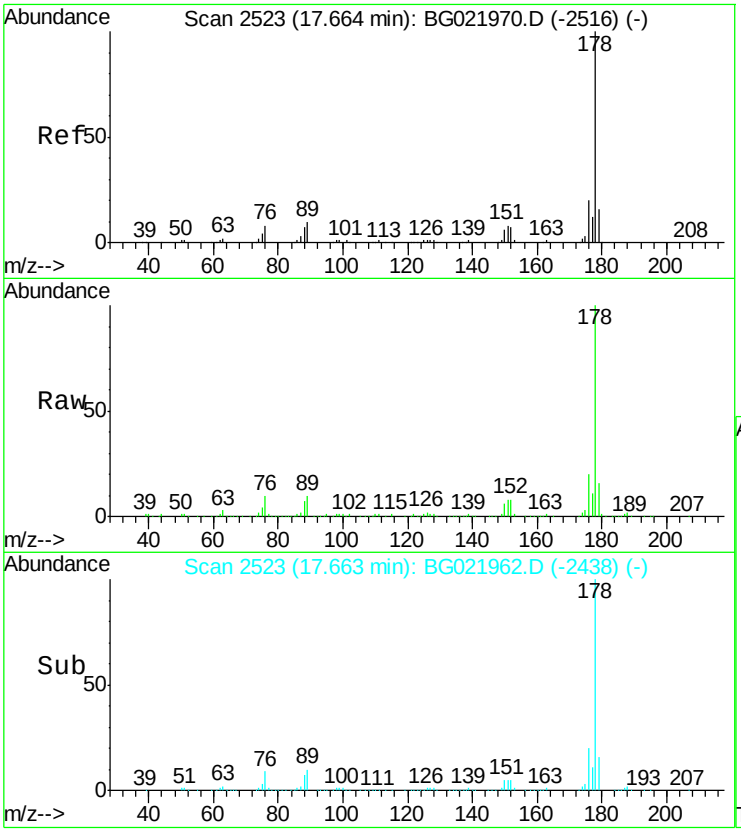


#25
Phenanthrene
Concen: 91.98 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:178 Resp: 969050

Ion	Ratio	Lower	Upper
178	100		
179	17.3	11.8	17.8
176	21.6	14.8	22.2

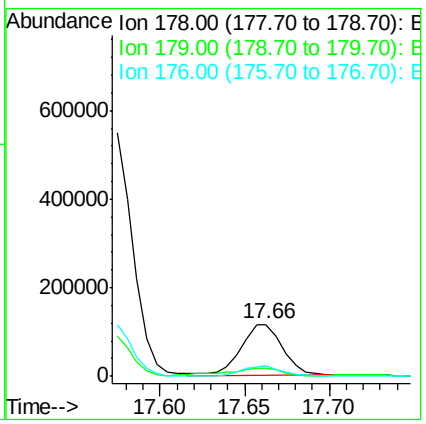




#27
Anthracene
Concen: 18.54 ng/ul
RT: 17.66 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:178 Resp: 196267

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	20.2	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
D9XC0

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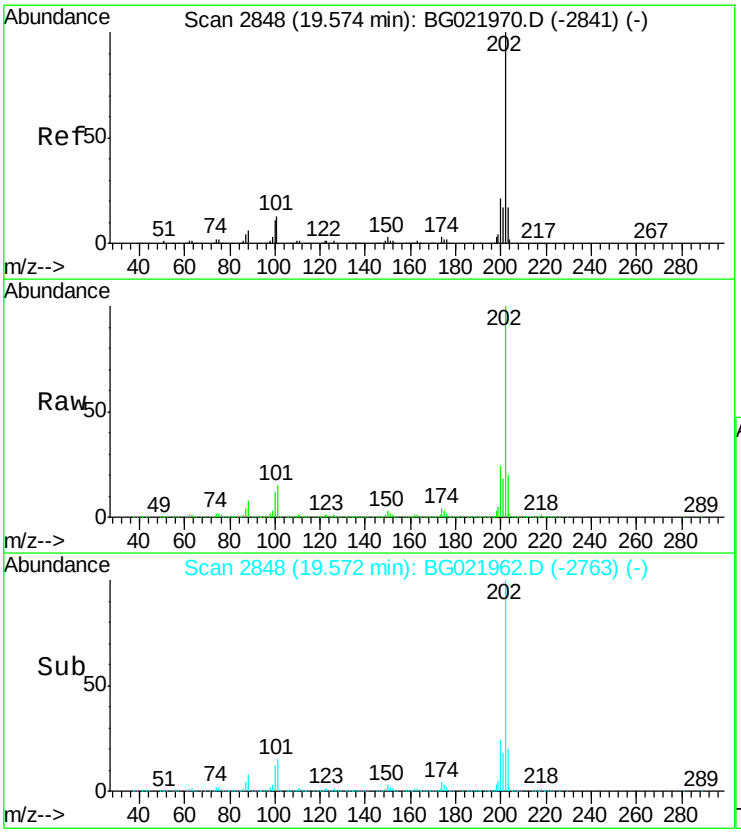
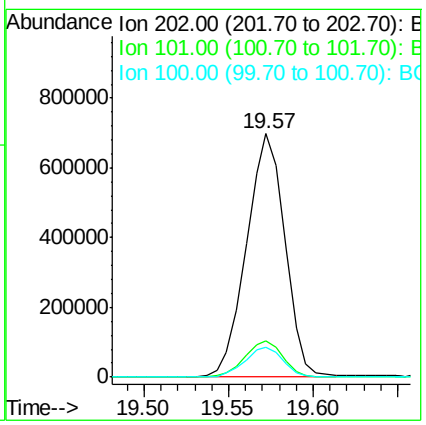
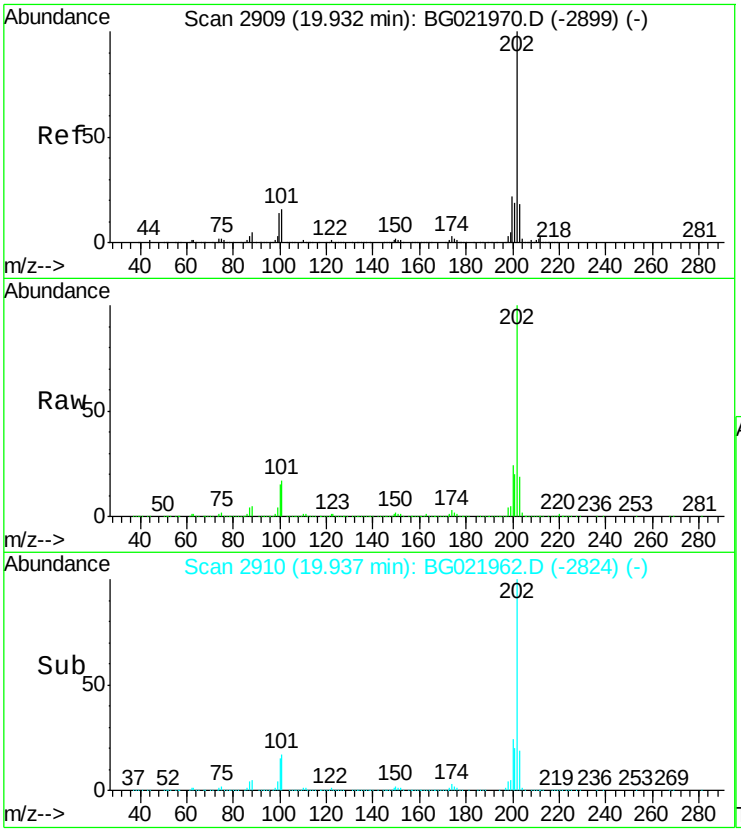


#28
Fluoranthene
Concen: 100.45 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:202 Resp: 1099829

Ion	Ratio	Lower	Upper
202	100		
101	14.8	8.9	13.3#
100	12.2	7.0	10.4#





#31
Pyrene
Concen: 74.24 ng/ul
RT: 19.94 min Scan# 2910
Delta R.T. 0.01 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:202 Resp: 912357

Ion	Ratio	Lower	Upper
202	100		
101	16.7	9.8	14.8#
100	15.2	9.3	13.9#

Instrument :
BNA_G
ClientSampleId :
D9XC0

Manual Integrations APPROVED
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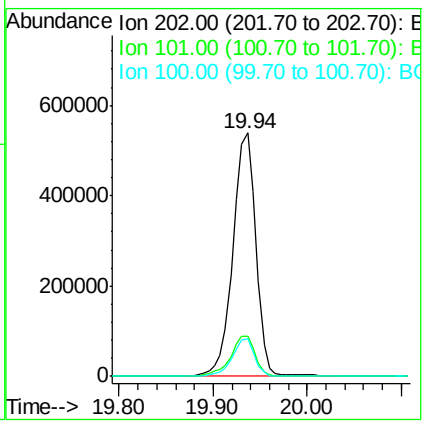
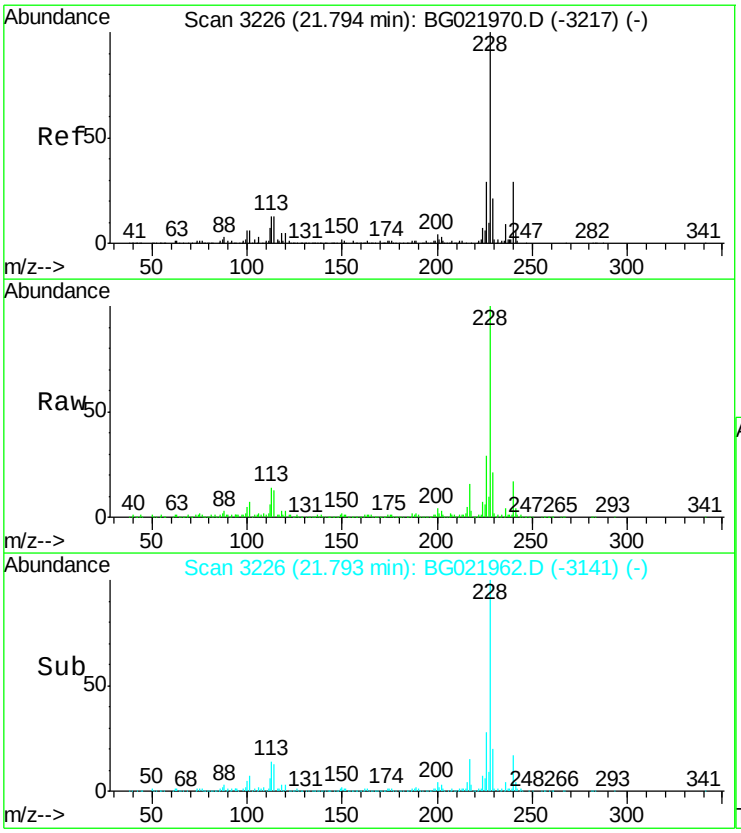
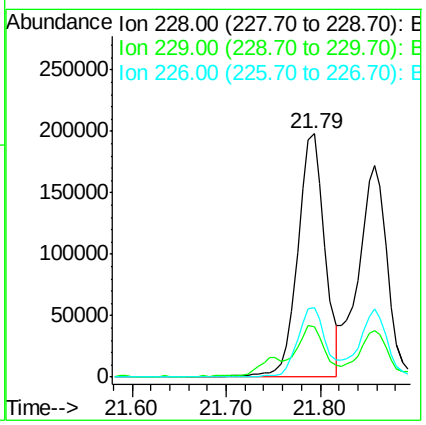


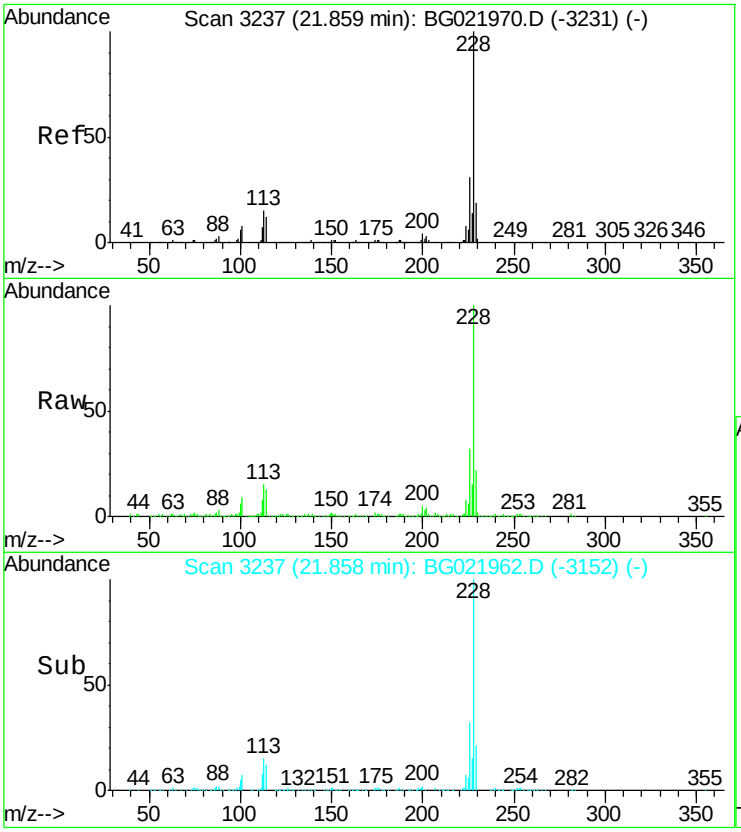


#32
Benzo(a)anthracene
Concen: 39.98 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:228 Resp: 395737

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.6	25.0
226	28.6	21.0	31.4





#33
Chrysene
Concen: 36.74 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. 0.00 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:228 Resp: 353831

Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.4	35.2
229	21.8	16.2	24.2

Instrument :
BNA_G
ClientSampleId :
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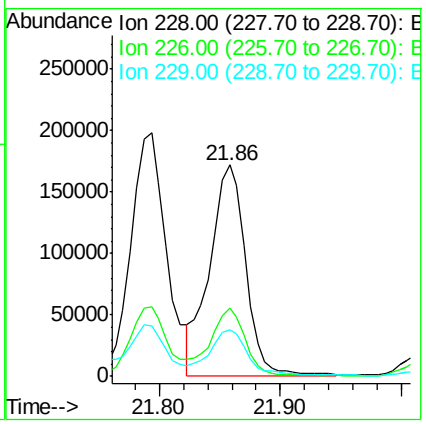
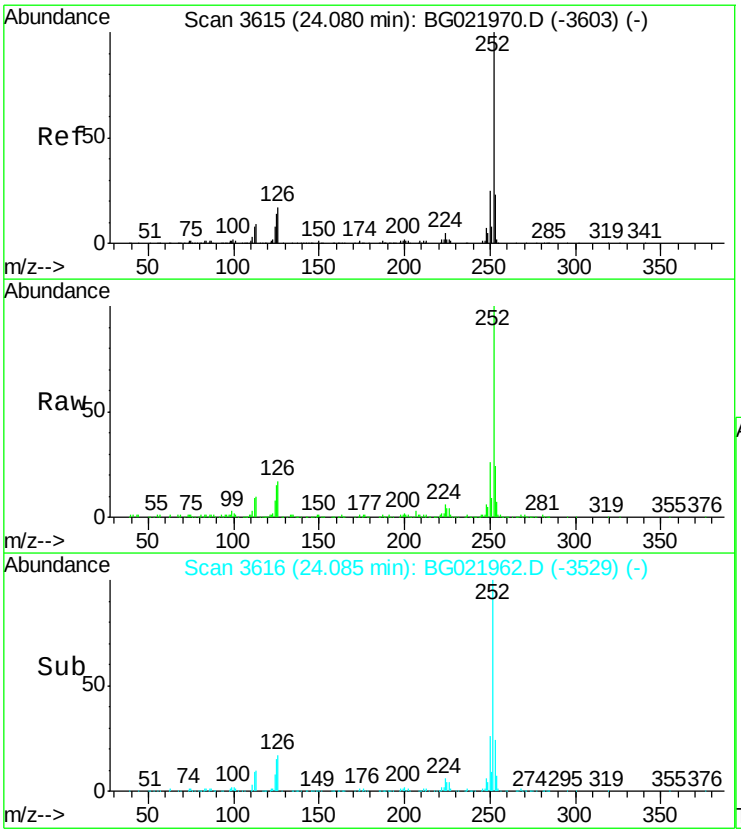
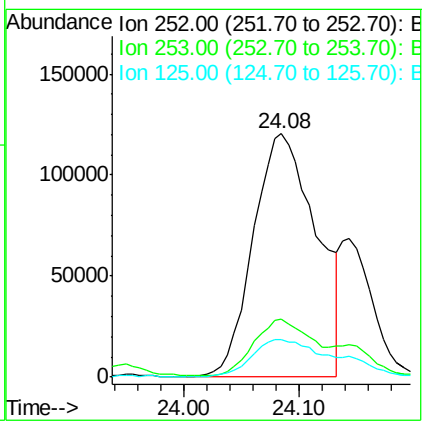


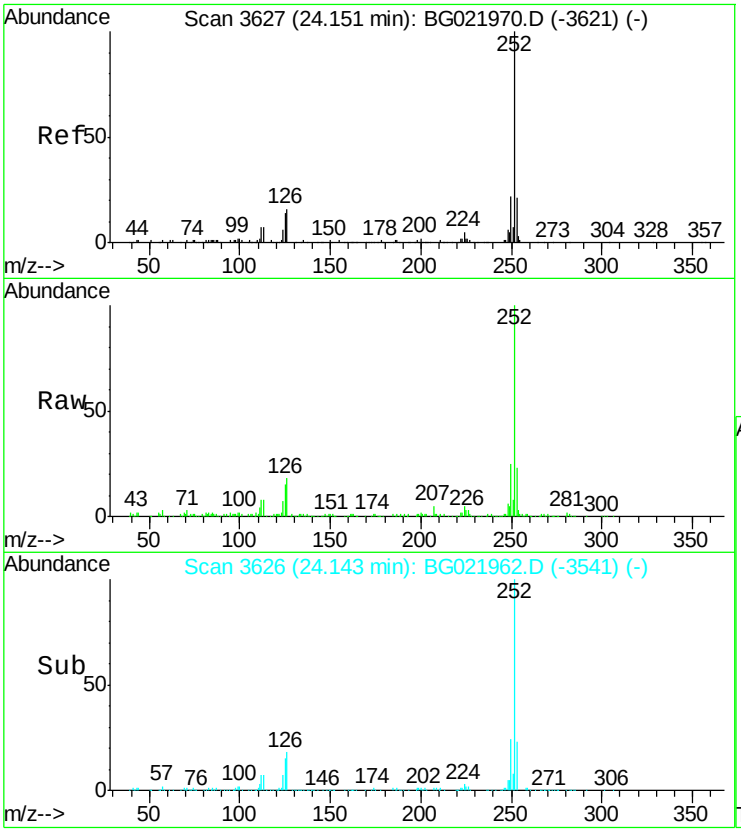


#35
Benzo(b)fluoranthene
Concen: 47.05 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. 0.01 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:252 Resp: 456125

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	15.2	7.6	11.4#

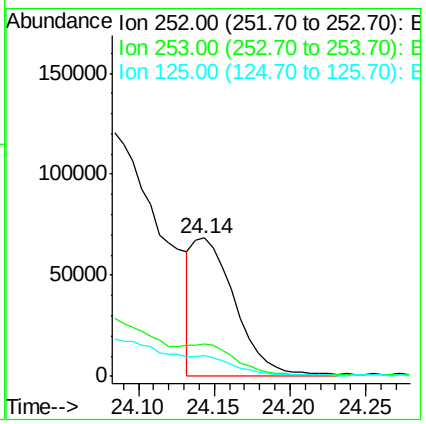




#36
Benzo(k)fluoranthene
Concen: 14.03 ng/ul m
RT: 24.14 min Scan# 3626
Delta R.T. 0.00 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:252 Resp: 133762

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	15.3	7.7	11.5#



Instrument :
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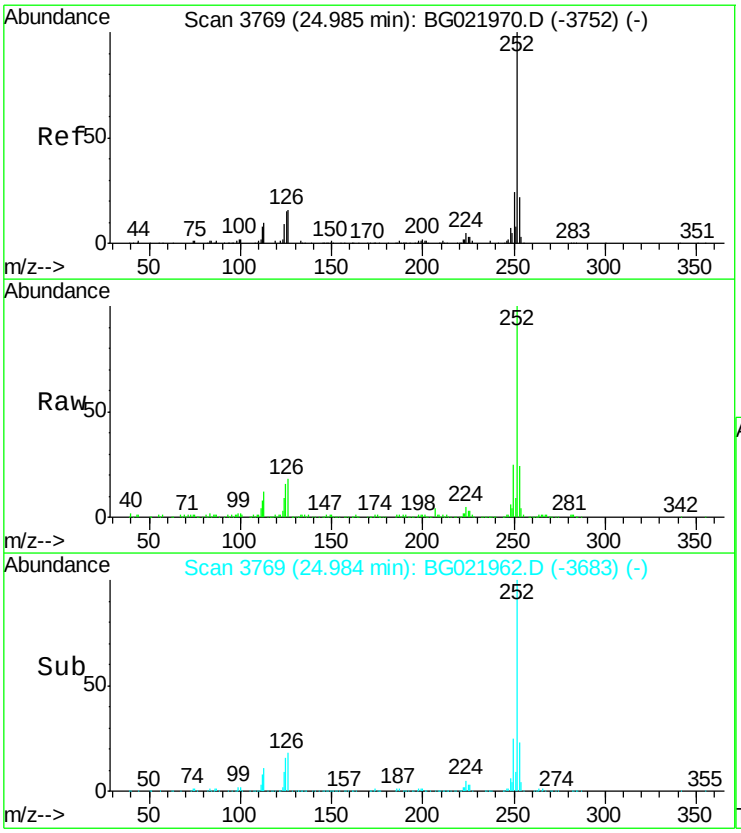
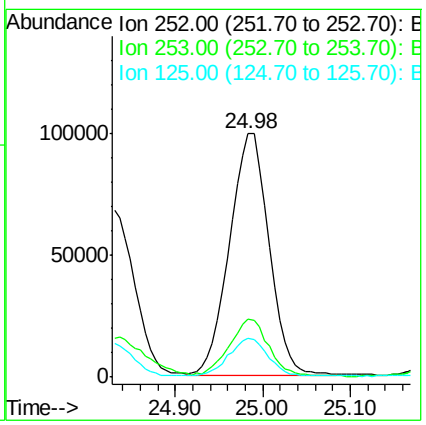
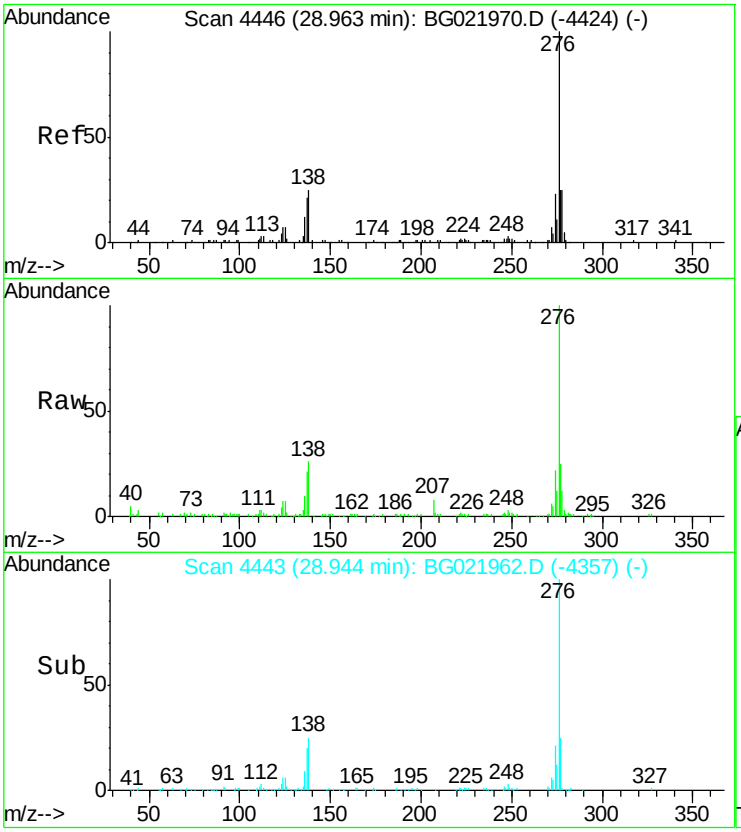


#38
Benzo(a)pyrene
Concen: 32.88 ng/ul
RT: 24.98 min Scan# 3769
Delta R.T. 0.01 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:252 Resp: 304853

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	16.0	8.2	12.2#





#39
Indeno(1,2,3-cd)pyrene
Concen: 19.45 ng/ul
RT: 28.94 min Scan# 4443
Delta R.T. 0.01 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:276 Resp: 204987

Ion	Ratio	Lower	Upper
276	100		
138	26.4	15.8	23.6#
277	25.2	19.0	28.6

Instrument :
BNA_G
ClientSampleId :
D9XC0

Manual Integrations APPROVED
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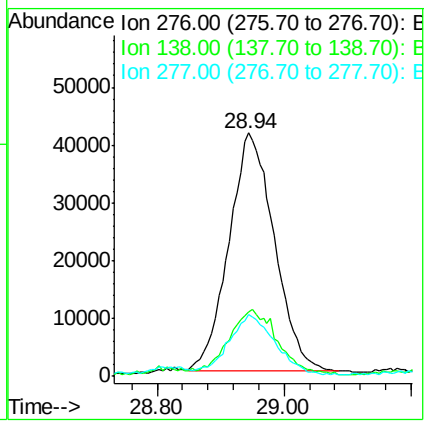
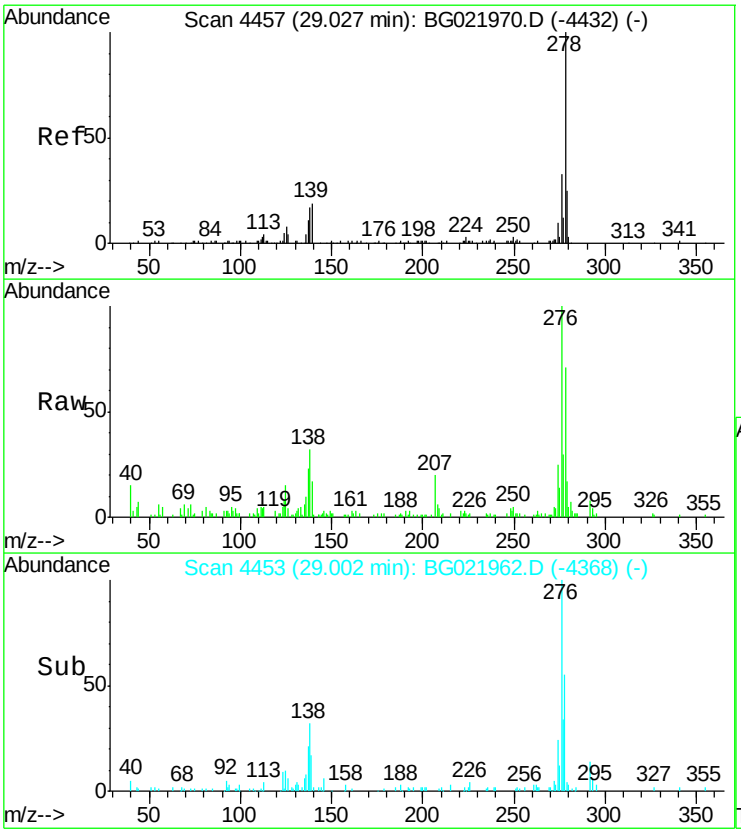
5/20/2016 7:16:48 PM

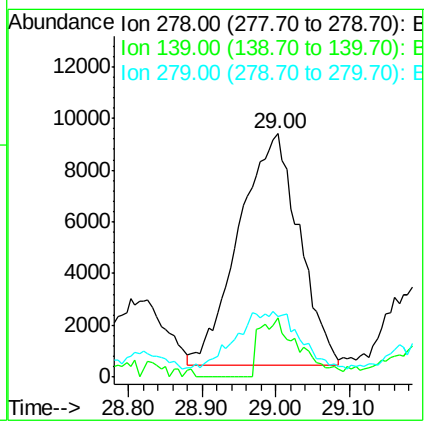


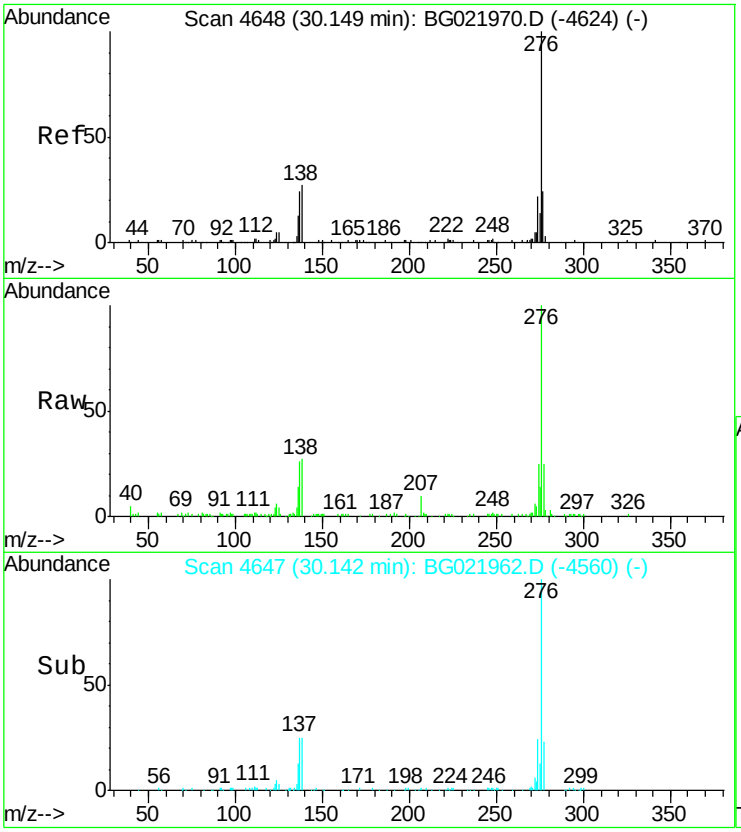


#40
Dibenzo(a,h)anthracene
Concen: 5.80 ng/ul m
RT: 29.00 min Scan# 4453
Delta R.T. 0.00 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:278 Resp: 50619

Ion	Ratio	Lower	Upper
278	100		
139	24.5	12.1	18.1#
279	24.6	19.8	29.8

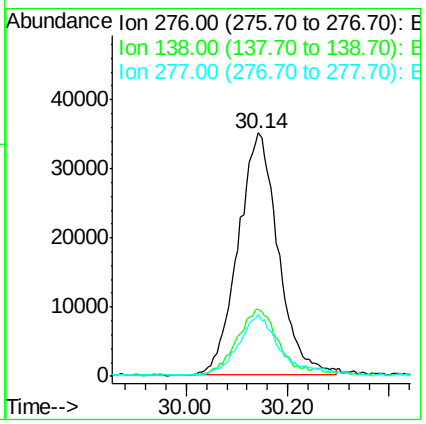




#41
Benzo(g,h,i)perylene
Concen: 21.57 ng/ul
RT: 30.14 min Scan# 4647
Delta R.T. 0.01 min
Lab File: BG021962.D
Acq: 19 May 2016 14:10

Tgt Ion:276 Resp: 192352

Ion	Ratio	Lower	Upper
276	100		
138	27.5	13.9	20.9#
277	25.2	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
D9XC0

Manual Integrations APPROVED
sohil
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