Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021914.D
Acq On : 16 May 2016 20:05
Operator : UM/SJ
Sample : H3095-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XE2

Manual Integrations APPROVED
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Quant Time: May 17 03:34:09 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 01:35:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	70481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	335920	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.79	164	192999	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	394071	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	378634	20.00	ng/ul	0.01
84) Perylene-d12	25.18	264	383256	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	4791	3.28	ng/uL	0.00
5) Phenol-d5	7.32	99	105215	20.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	53213	20.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	99639	24.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	74616	16.99	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	51889	23.50	ng/ul	0.01
22) 2-Nitrophenol-d4	10.06	143	58079	41.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	101928	25.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	57875	13.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	324774	23.96	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	453213	23.55	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	24039m	10.35	ng/ul	0.02
58) Fluorene-d10	15.78	176	307494	21.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	26978	24.71	ng/ul	0.01
71) Anthracene-d10	17.64	188	431289	22.48	ng/ul	0.00
77) Pyrene-d10	19.91	212	444584	25.08	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	424554	23.31	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	11.04	128	20952	1.24	ng/ul	99
34) 2-Methylnaphthalene	12.64	142	16527	1.33	ng/ul	96
35) 1-Methylnaphthalene	12.85	142	13539	1.10	ng/ul#	98
45) Dimethylphthalate	14.24	163	132916	9.63	ng/ul	98
70) Phenanthrene	17.58	178	143980	6.68	ng/ul	96
72) Anthracene	17.67	178	26340	1.20	ng/ul	96
74) Di-n-butylphthalate	18.48	149	103256	5.99	ng/ul#	95
75) Fluoranthene	19.58	202	302969	12.38	ng/ul	96
78) Pyrene	19.95	202	266759	12.18	ng/ul	97
79) Butylbenzylphthalate	20.82	149	1236629	255.37	ng/ul#	81
81) Benzo(a)anthracene	21.80	228	157963	7.50	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.69	149	205457	25.99	ng/ul	97
83) Chrysene	21.87	228	166457	7.99	ng/ul	94
86) Benzo(b)fluoranthene	24.11	252	258746	11.79	ng/ul#	94
87) Benzo(k)fluoranthene	24.16	252	81589m	3.47	ng/ul	
89) Benzo(a)pyrene	25.01	252	164593	7.54	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	29.01	276	109454m	4.23	ng/ul	
92) Benzo(g,h,i)perylene	30.19	276	95193m	4.46	ng/ul	

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

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 01:35:08 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9XE2

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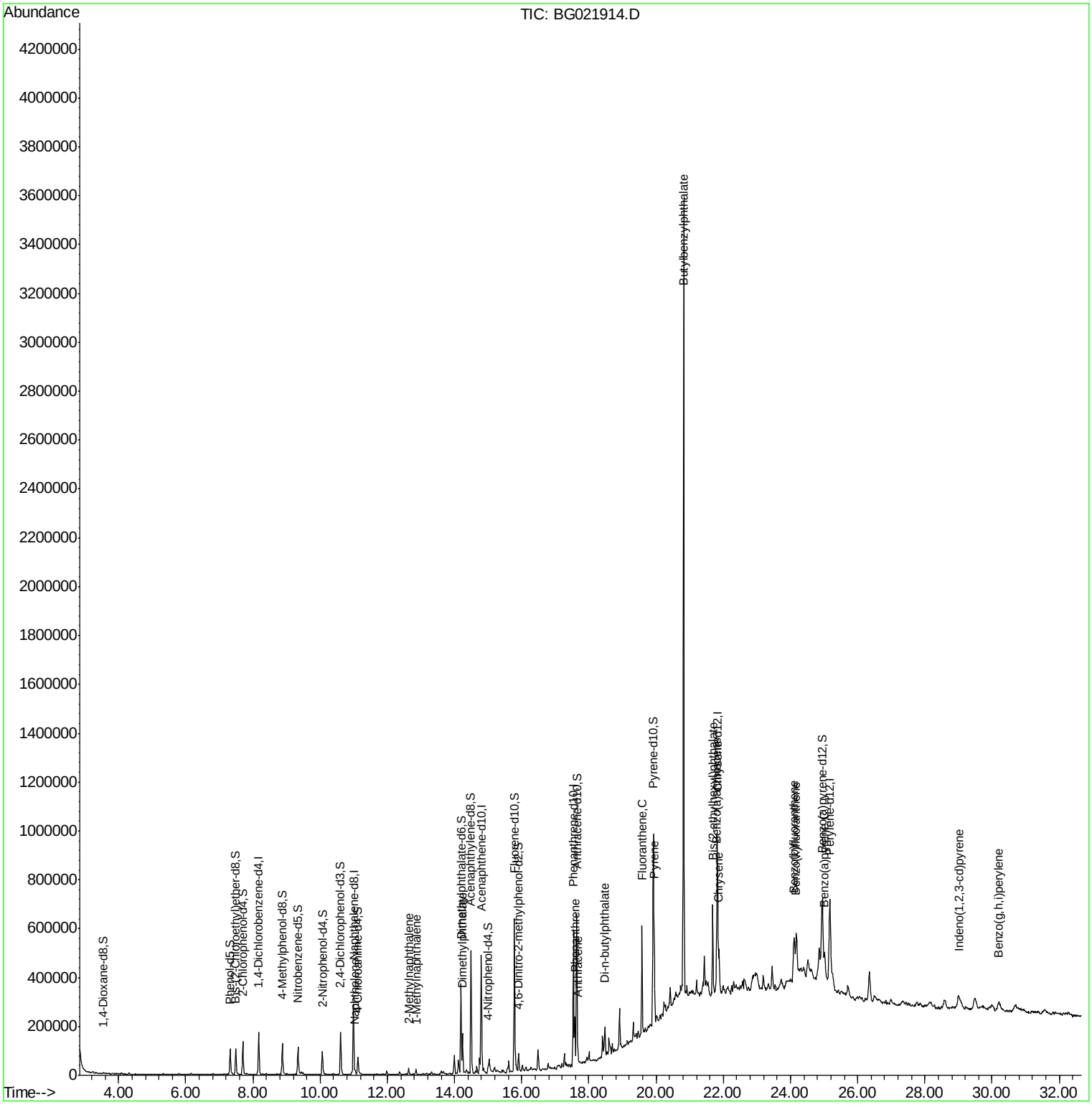
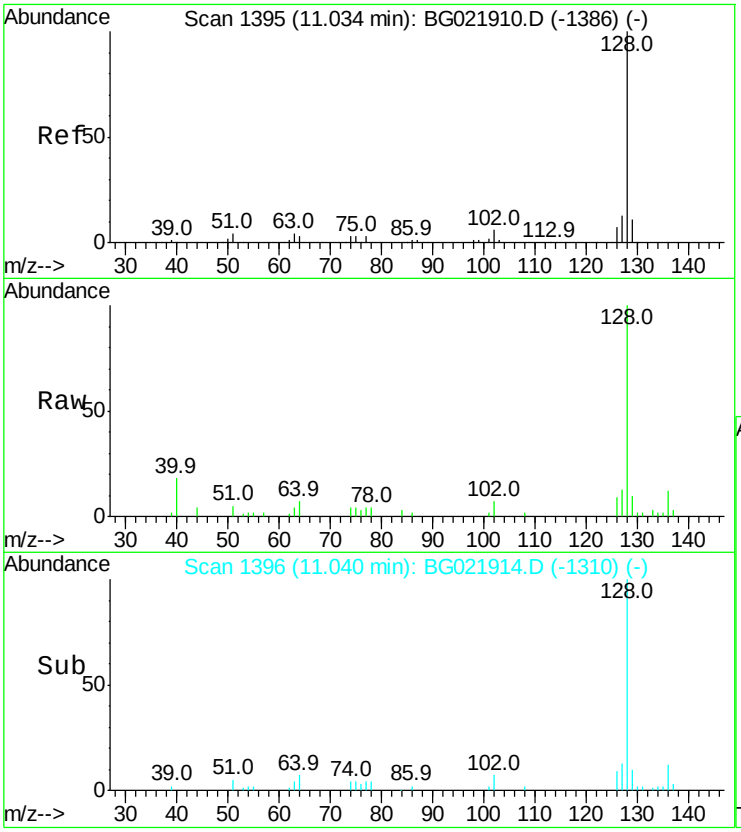
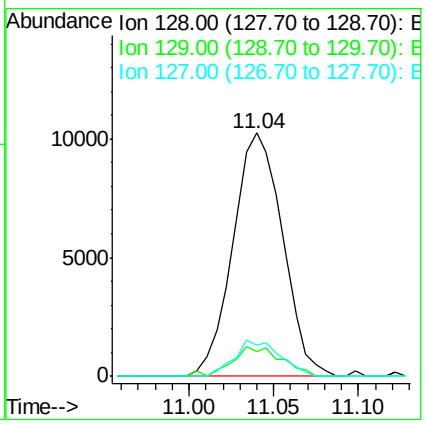




#28
Naphthalene
Concen: 1.24 ng/ul
RT: 11.04 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:128 Resp: 20952

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.3	12.5
127	13.0	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
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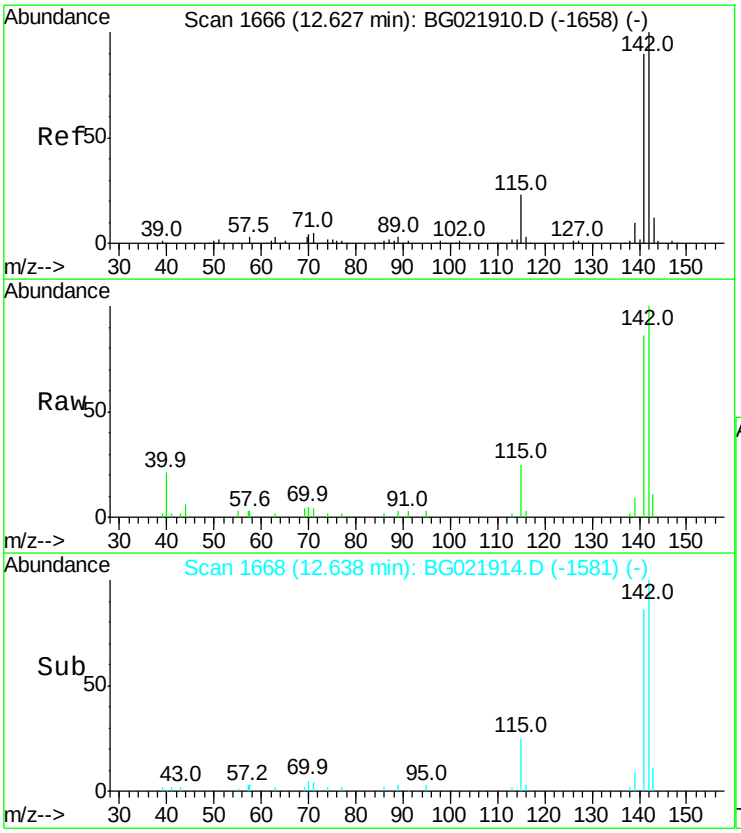
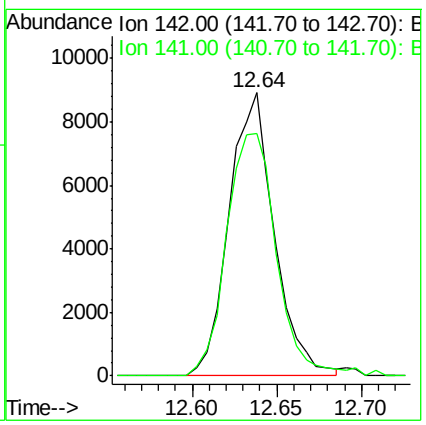
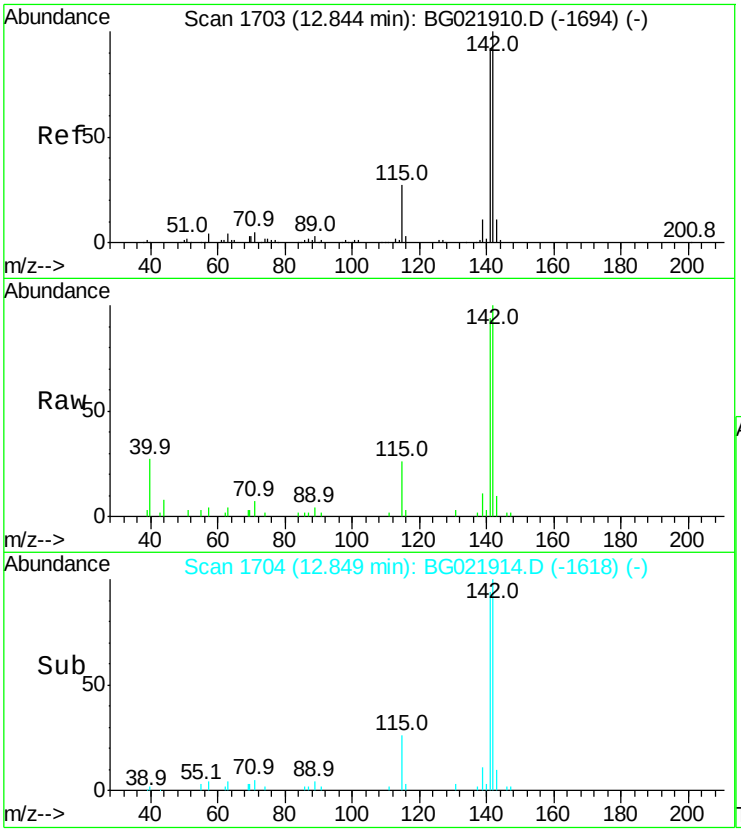


#34
2-Methylnaphthalene
Concen: 1.33 ng/ul
RT: 12.64 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:142 Resp: 16527

Ion	Ratio	Lower	Upper
142	100		
141	85.6	71.3	106.9

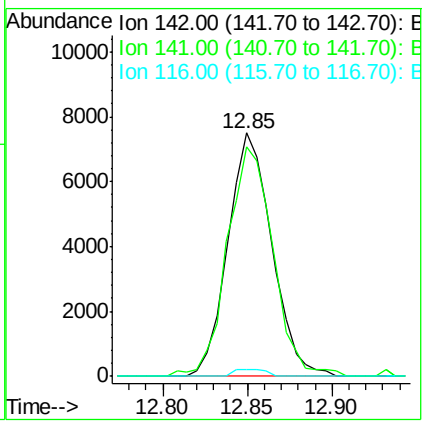




#35
1-Methylnaphthalene
Concen: 1.10 ng/ul
RT: 12.85 min Scan# 1704
Delta R.T. 0.01 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:142 Resp: 13539

Ion	Ratio	Lower	Upper
142	100		
141	94.2	77.0	115.4
116	2.8	4.2	6.4#



Instrument :
BNA_G
ClientSampleId :
D9XE2

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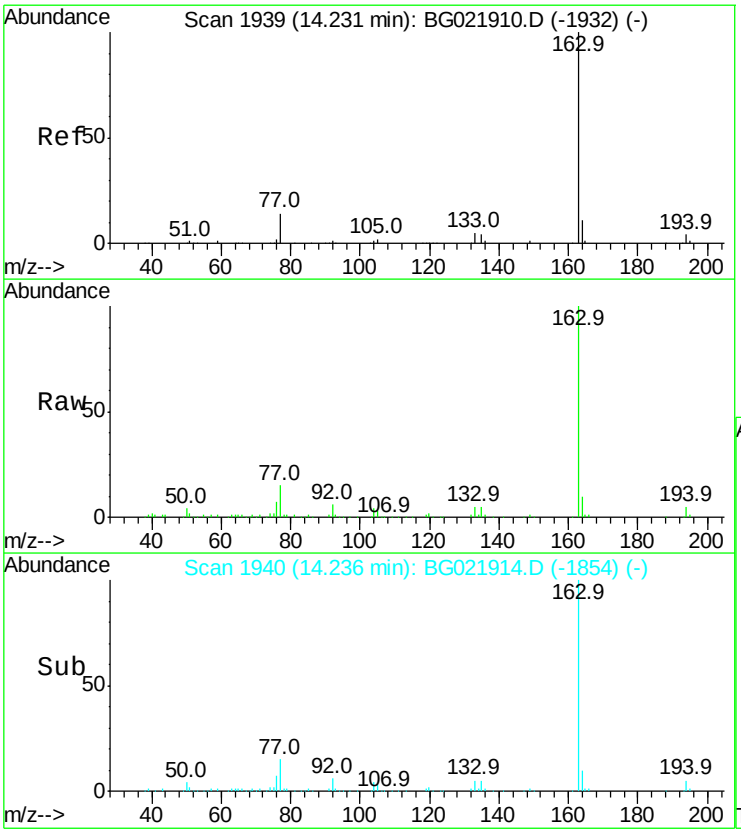
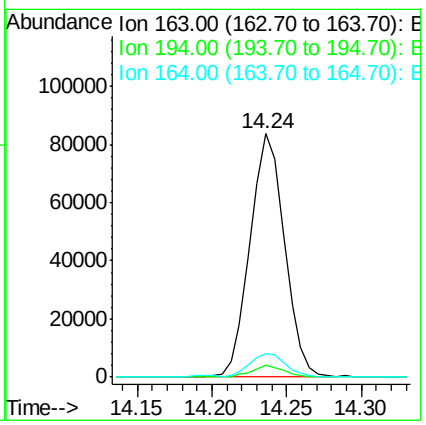
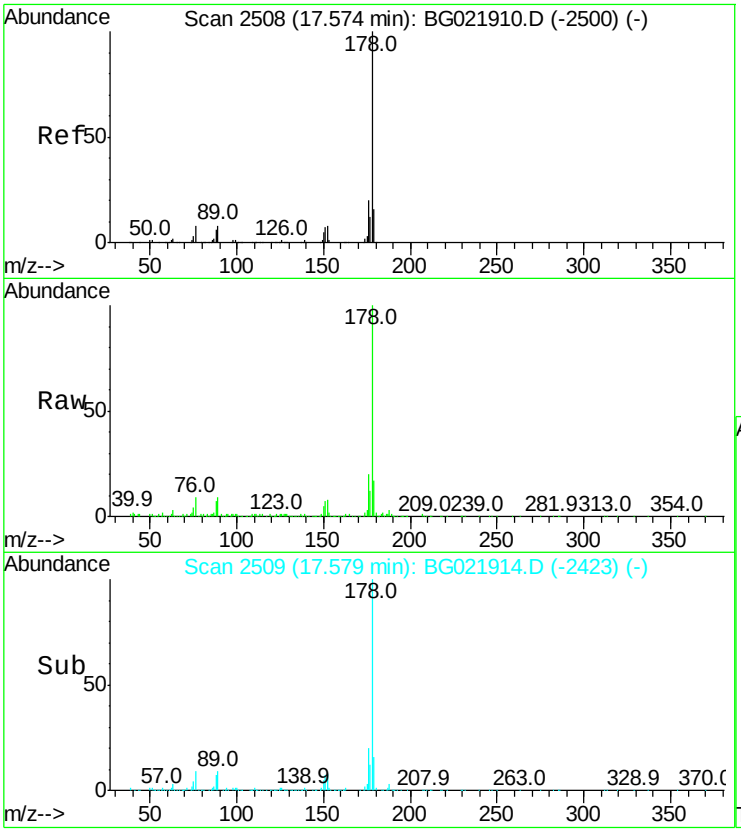


#45
Dimethylphthalate
Concen: 9.63 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:163 Resp: 132916

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.9	5.9
164	9.7	8.7	13.1

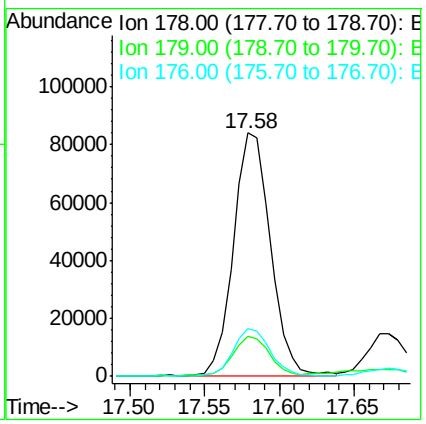




#70
Phenanthrene
Concen: 6.68 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:178 Resp: 143980

Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.8	17.8
176	19.8	14.8	22.2



Instrument :
BNA_G
ClientSampleId :
D9XE2

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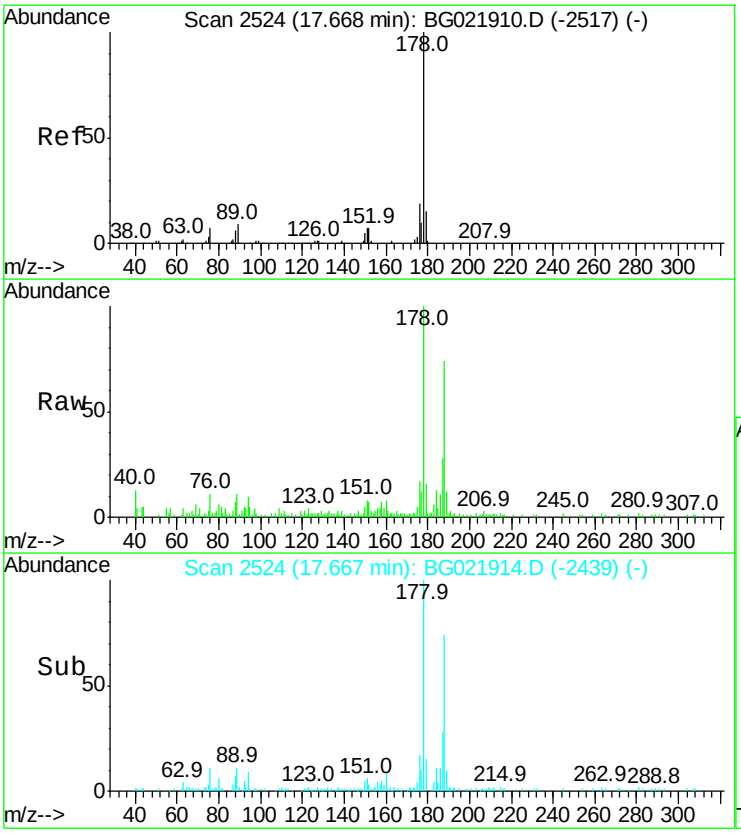
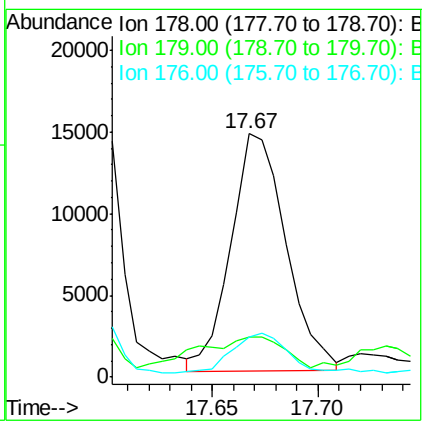
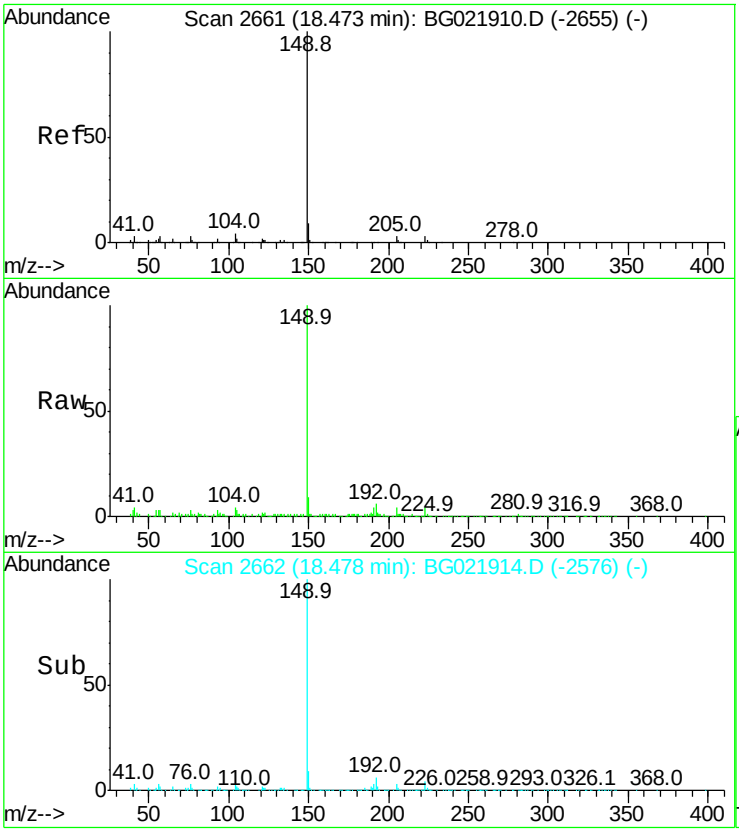


#72
Anthracene
Concen: 1.20 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:178 Resp: 26340

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	16.6	15.6	23.4





#74
Di-n-butylphthalate
Concen: 5.99 ng/ul
RT: 18.48 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:149 Resp: 103256

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	3.7	5.4	8.2#

Instrument :
BNA_G
ClientSampleId :
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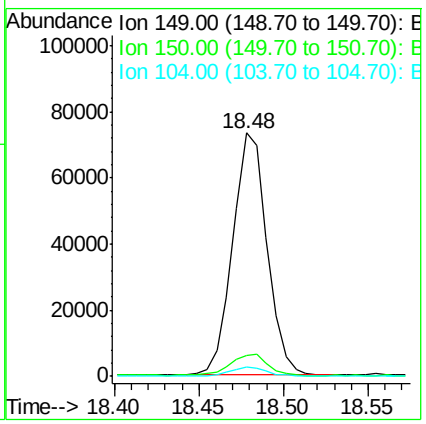
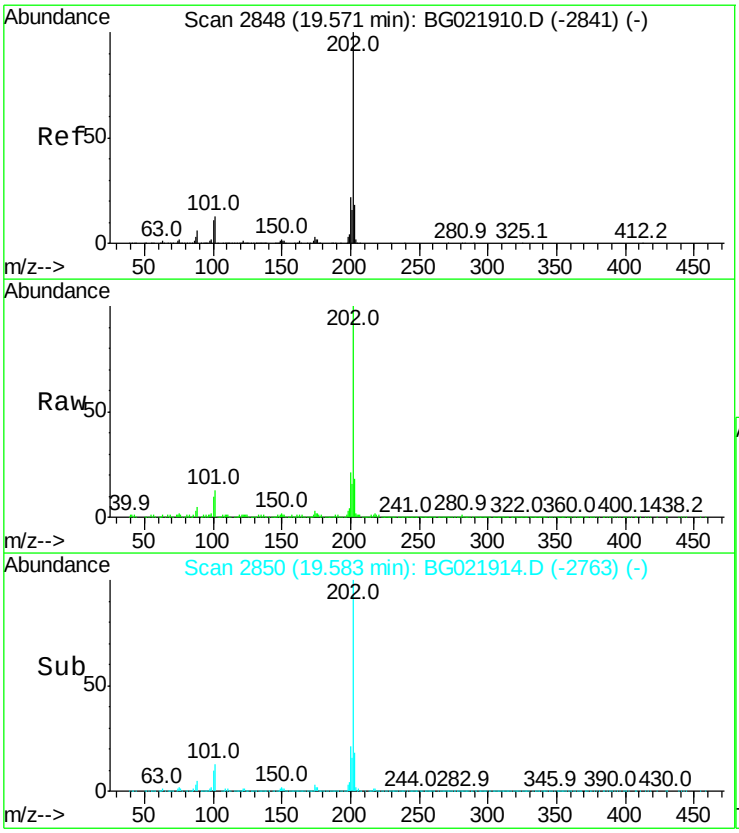
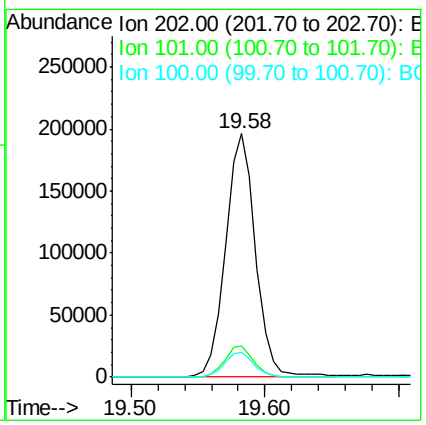


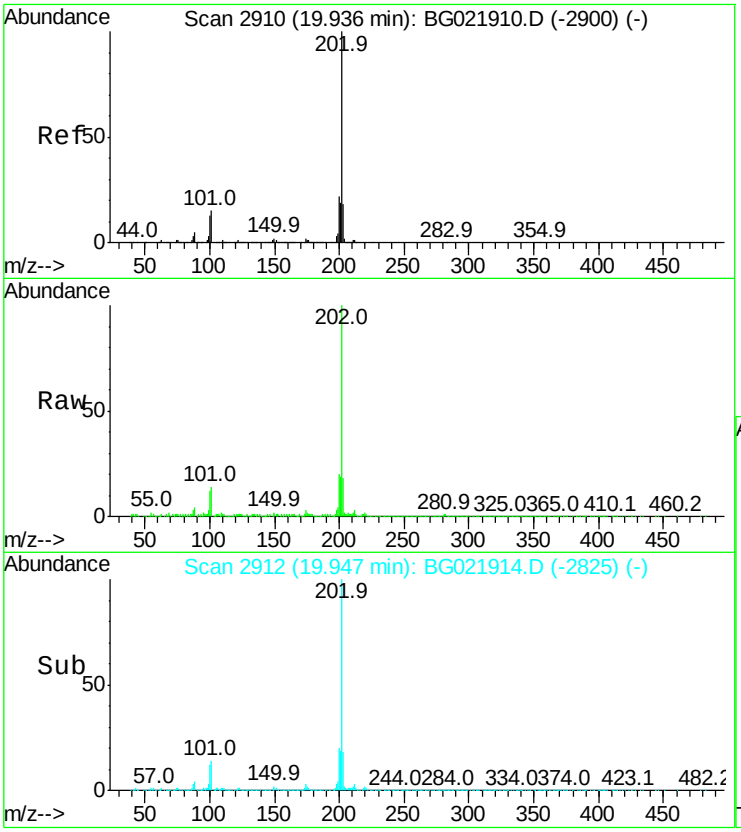


#75
Fluoranthene
Concen: 12.38 ng/ul
RT: 19.58 min Scan# 2850
Delta R.T. 0.01 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:202 Resp: 302969

Ion	Ratio	Lower	Upper
202	100		
101	12.8	8.9	13.3
100	10.3	7.0	10.4

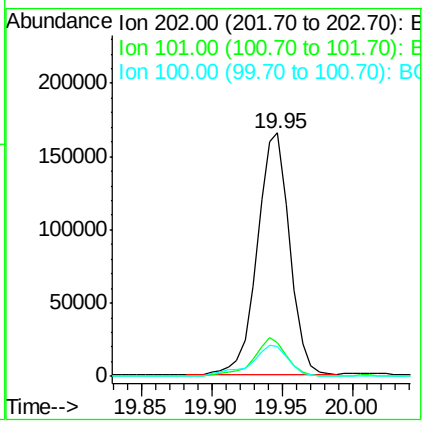




#78
Pyrene
Concen: 12.18 ng/ul
RT: 19.95 min Scan# 2912
Delta R.T. 0.01 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:202 Resp: 266759

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.8	14.8
100	12.3	9.3	13.9



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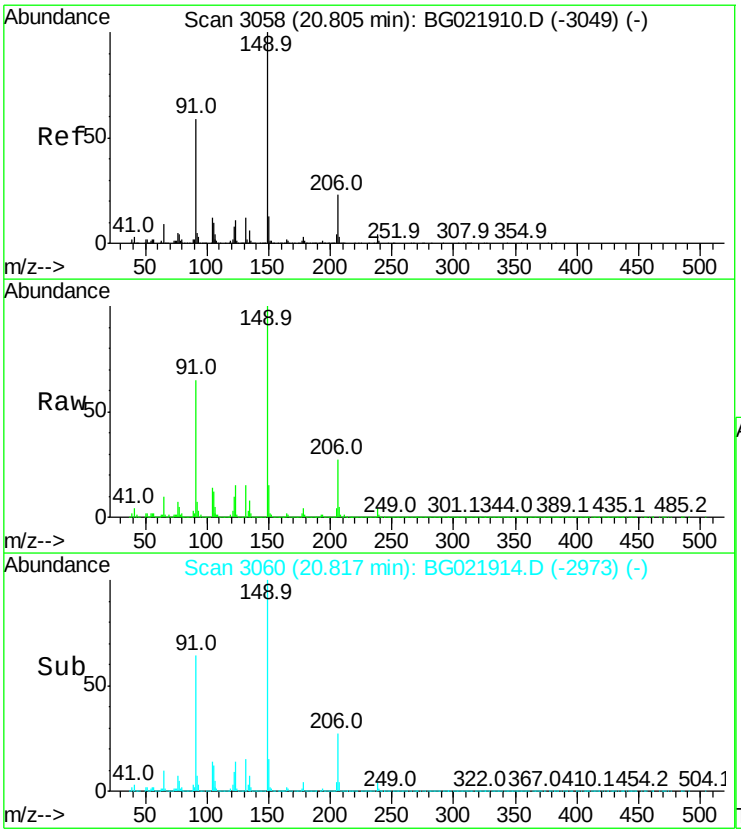
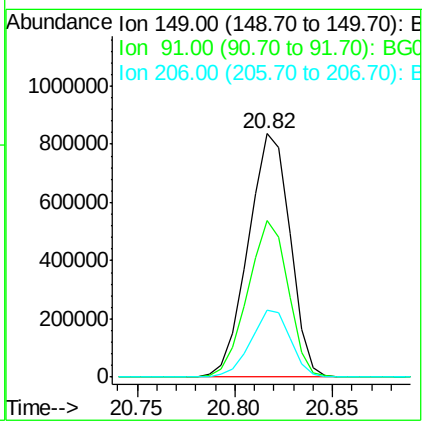
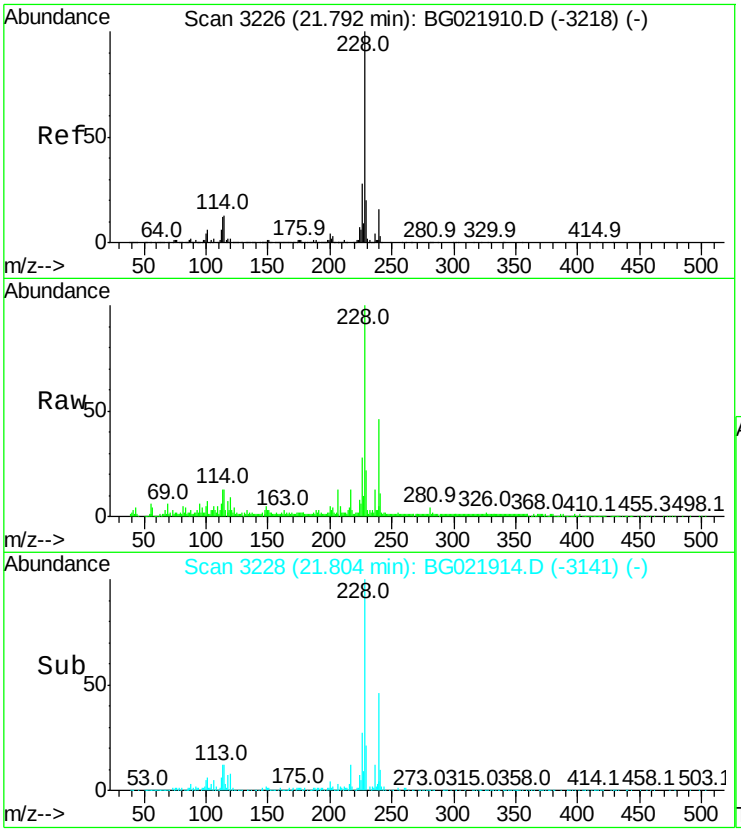


#79
Butylbenzylphthalate
Concen: 255.37 ng/ul
RT: 20.82 min Scan# 3060
Delta R.T. 0.01 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:149 Resp: 1236629

Ion	Ratio	Lower	Upper
149	100		
91	64.5	65.8	98.8#
206	27.2	15.5	23.3#

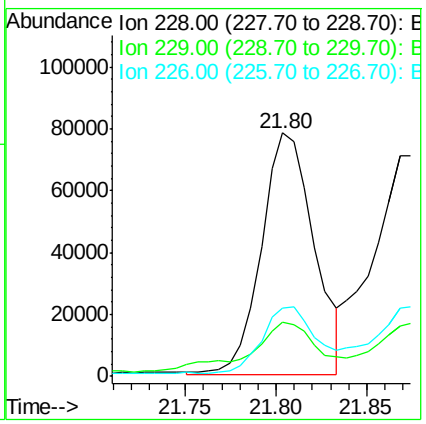




#81
Benzo(a)anthracene
Concen: 7.50 ng/ul
RT: 21.80 min Scan# 3228
Delta R.T. 0.01 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:228 Resp: 157963

Ion	Ratio	Lower	Upper
228	100		
229	22.5	16.6	25.0
226	27.9	21.0	31.4



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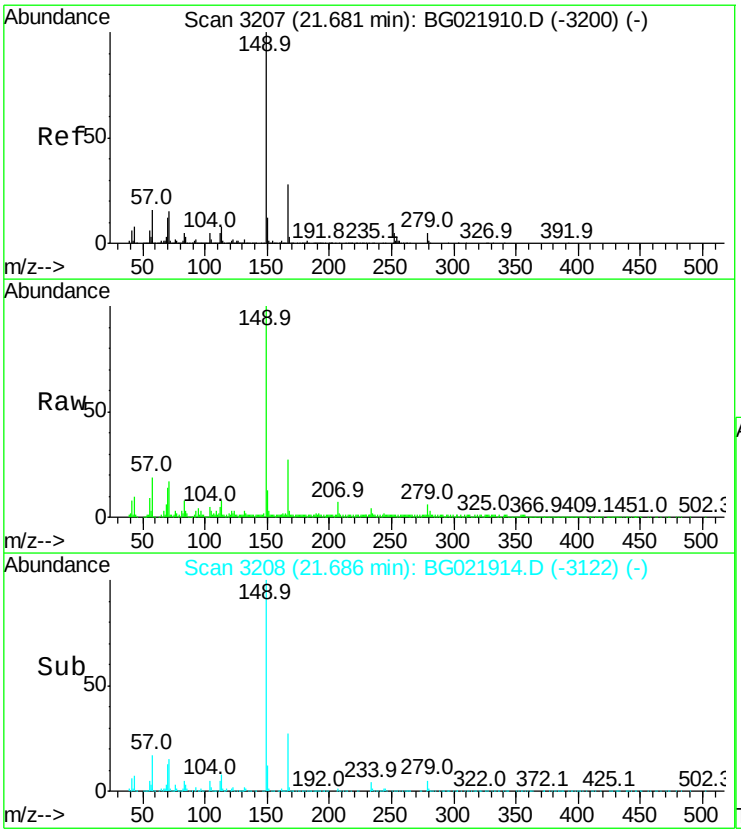
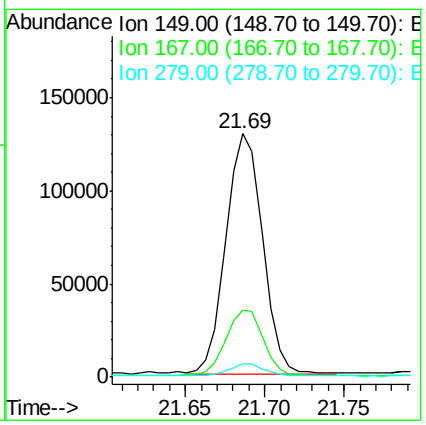
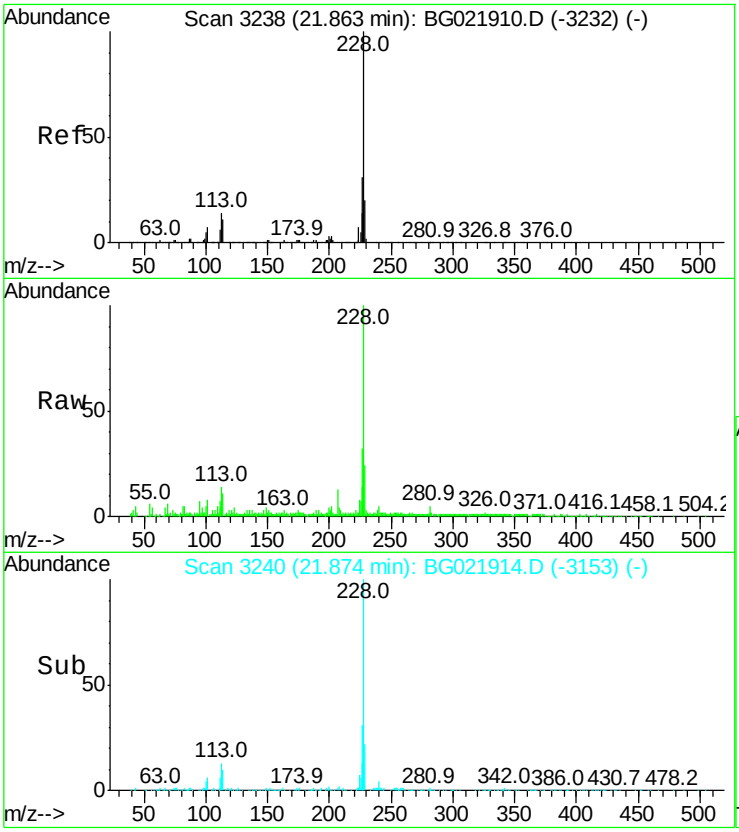


#82
Bis(2-ethylhexyl)phthalate
Concen: 25.99 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. 0.01 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:149 Resp: 205457

Ion	Ratio	Lower	Upper
149	100		
167	27.4	20.5	30.7
279	5.5	3.7	5.5

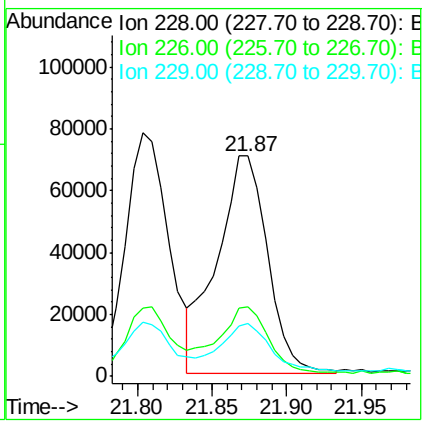




#83
Chrysene
Concen: 7.99 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:228 Resp: 166457

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.2
229	24.1	16.2	24.2



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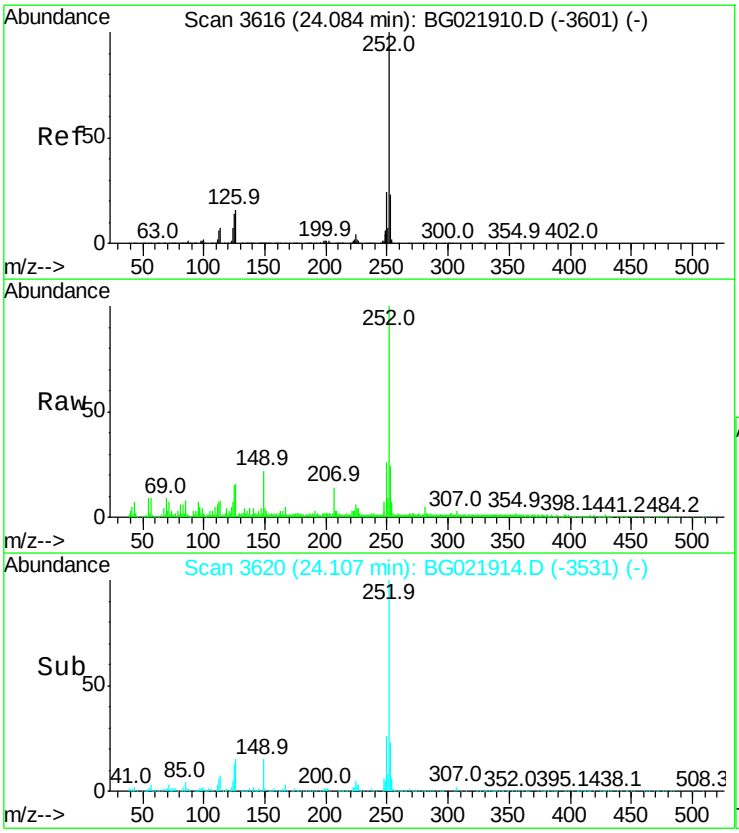
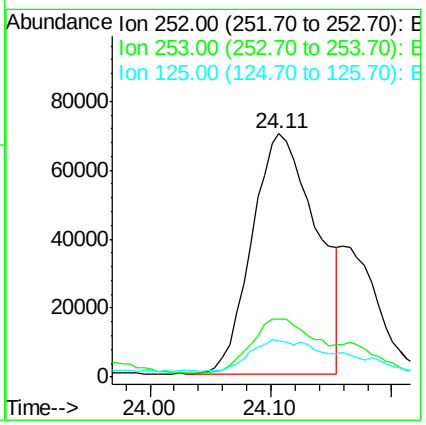
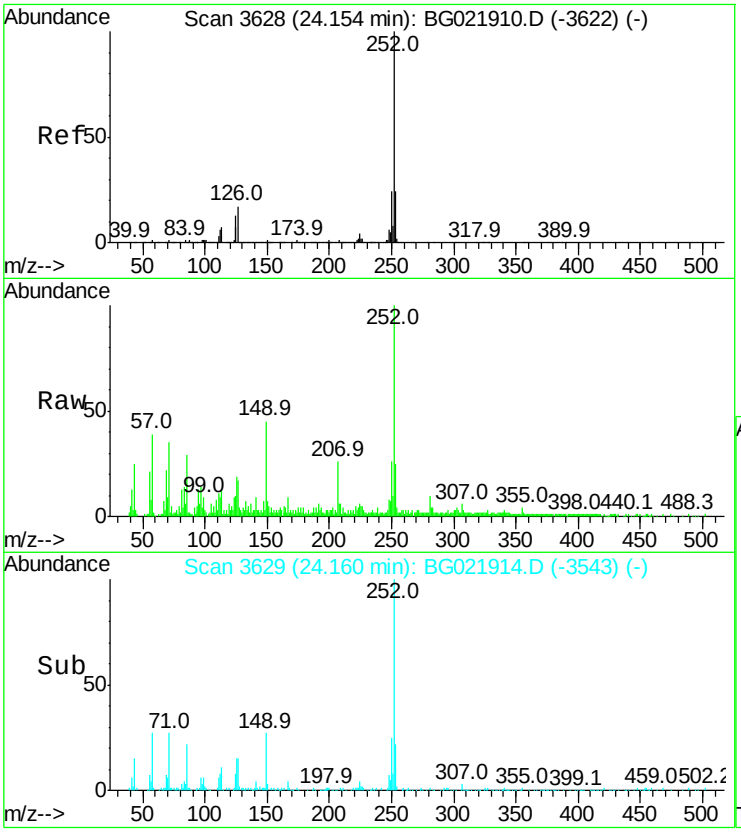


#86
Benzo(b)fluoranthene
Concen: 11.79 ng/ul
RT: 24.11 min Scan# 3620
Delta R.T. 0.02 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:252 Resp: 258746

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	14.9	7.6	11.4#

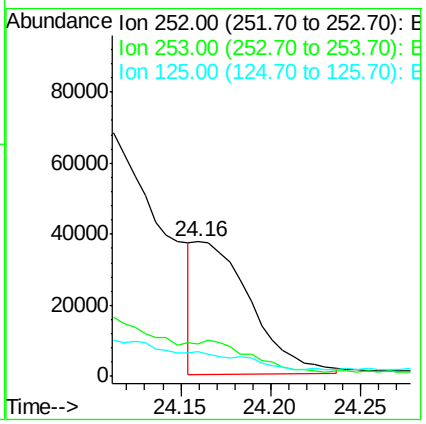




#87
Benzo(k)fluoranthene
Concen: 3.47 ng/ul m
RT: 24.16 min Scan# 3629
Delta R.T. 0.01 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:252 Resp: 81589

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	18.8	7.7	11.5#



Instrument :
BNA_G
ClientSampleId :
D9XE2

Manual Integrations APPROVED
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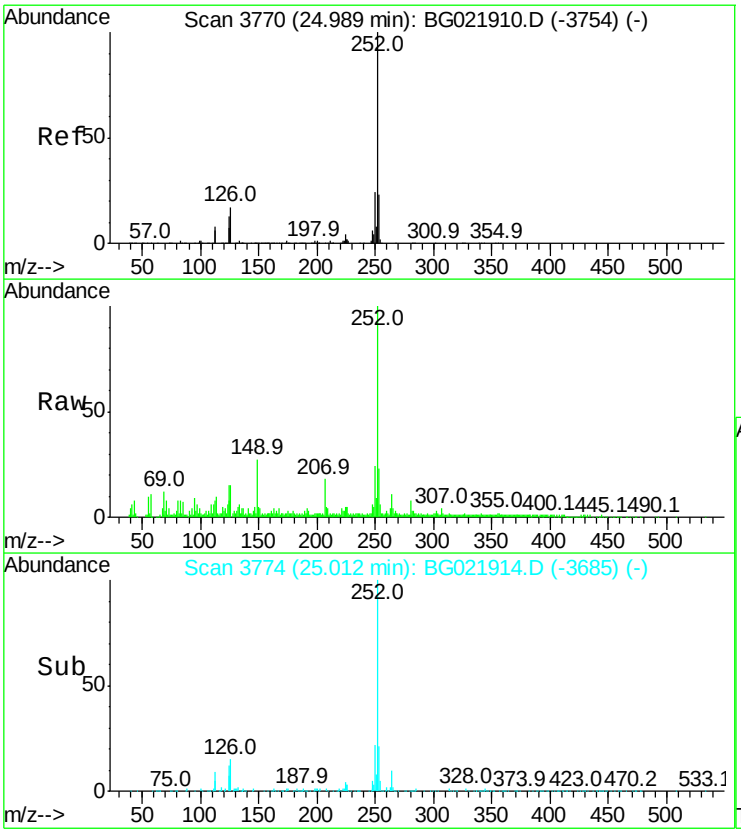
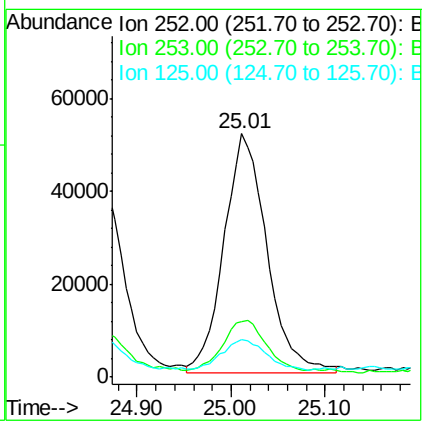
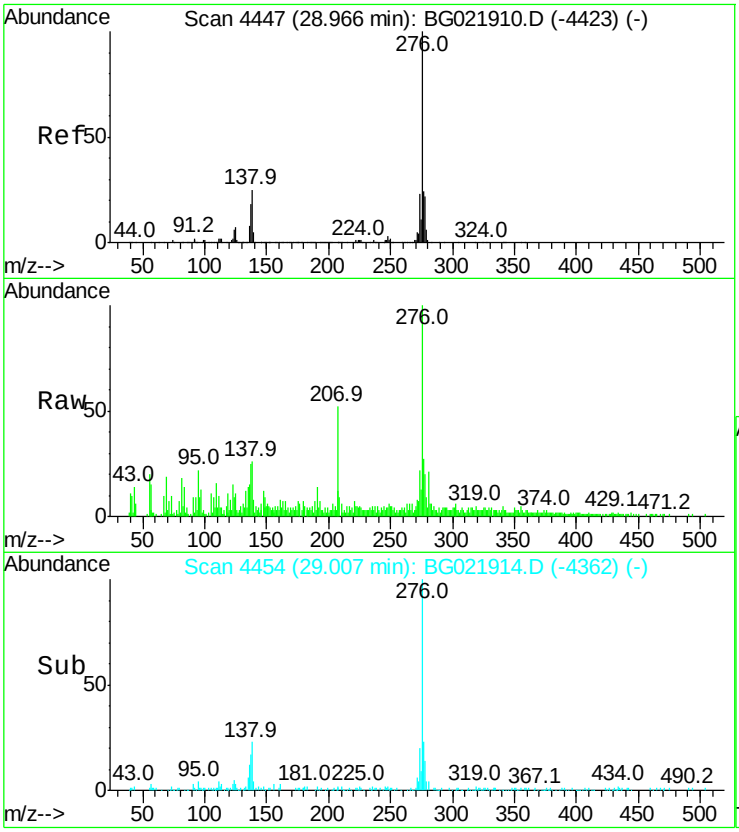


#89
Benzo(a)pyrene
Concen: 7.54 ng/ul
RT: 25.01 min Scan# 3774
Delta R.T. 0.02 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:252 Resp: 164593

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	15.5	8.2	12.2#





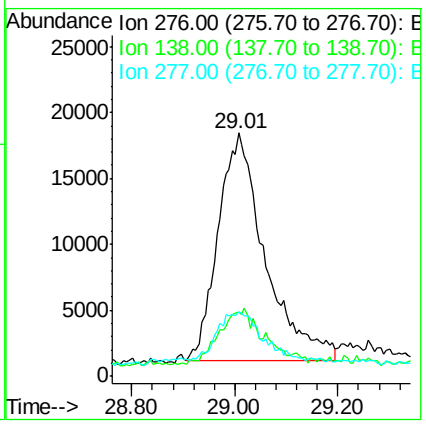
#90
Indeno(1,2,3-cd)pyrene
Concen: 4.23 ng/ul m
RT: 29.01 min Scan# 4454
Delta R.T. 0.04 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

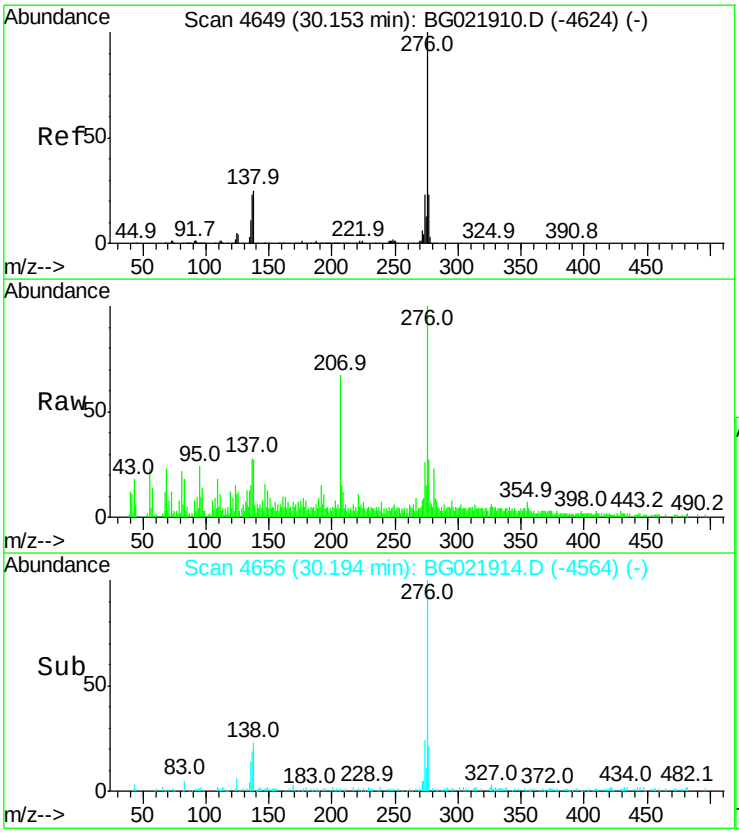
Tgt Ion:276 Resp: 109454

Ion	Ratio	Lower	Upper
276	100		
138	26.3	15.8	23.6#
277	26.7	19.0	28.6

Instrument :
BNA_G
ClientSampleId :
D9XE2

Manual Integrations APPROVED
umangi
5/17/2016 7:20:15 PM





#92
Benzo(g,h,i)perylene
Concen: 4.46 ng/ul m
RT: 30.19 min Scan# 4656
Delta R.T. 0.04 min
Lab File: BG021914.D
Acq: 16 May 2016 20:05

Tgt Ion:276 Resp: 95193

Ion	Ratio	Lower	Upper
276	100		
138	27.2	13.9	20.9#
277	26.9	19.8	29.6