Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021924.D
Acq On : 17 May 2016 2:45
Operator : UM/SJ
Sample : H3095-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF3

Manual Integrations APPROVED
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Quant Time: May 17 04:39:32 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	65396	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	298547	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.79	164	166696	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	337940	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	320101	20.00	ng/ul	0.01
84) Perylene-d12	25.18	264	292517	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	4774	3.52	ng/uL	0.01
5) Phenol-d5	7.33	99	126048	25.98	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.49	67	52624	21.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	111085	29.49	ng/ul	0.01
13) 4-Methylphenol-d8	8.88	113	110459	27.10	ng/ul	0.01
19) Nitrobenzene-d5	9.34	128	53113	27.06	ng/ul	0.01
22) 2-Nitrophenol-d4	10.06	143	58220	46.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	113530	32.39	ng/ul	0.01
29) 4-Chloroaniline-d4	11.13	131	110854m	29.35	ng/ul	0.01
44) Dimethylphthalate-d6	14.20	166	341120	29.13	ng/ul	0.01
47) Acenaphthylene-d8	14.49	160	454708	27.35	ng/ul	0.01
52) 4-Nitrophenol-d4	15.00	143	47580	23.71	ng/ul	0.02
58) Fluorene-d10	15.79	176	313797	25.45	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.91	200	27548	29.43	ng/ul	0.01
71) Anthracene-d10	17.64	188	436749	26.55	ng/ul	0.00
77) Pyrene-d10	19.92	212	451689	30.15	ng/ul	0.01
88) Benzo(a)pyrene-d12	24.95	264	410367	29.53	ng/ul	0.03
Target Compounds						Qvalue
45) Dimethylphthalate	14.24	163	79023	6.63	ng/ul	97
70) Phenanthrene	17.59	178	45143	2.44	ng/ul	99
74) Di-n-butylphthalate	18.48	149	36687	2.48	ng/ul#	97
75) Fluoranthene	19.58	202	51758	2.47	ng/ul	96
78) Pyrene	19.95	202	49211m	2.66	ng/ul	
79) Butylbenzylphthalate	20.81	149	36185	8.84	ng/ul#	80
81) Benzo(a)anthracene	21.81	228	32425	1.82	ng/ul#	84
82) Bis(2-ethylhexyl)phthalate	21.69	149	38257	5.72	ng/ul#	93
83) Chrysene	21.87	228	46615	2.65	ng/ul#	93
86) Benzo(b)fluoranthene	24.10	252	50500	3.02	ng/ul#	77
87) Benzo(k)fluoranthene	24.18	252	18477m	1.03	ng/ul	
89) Benzo(a)pyrene	25.02	252	34620	2.08	ng/ul#	82

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

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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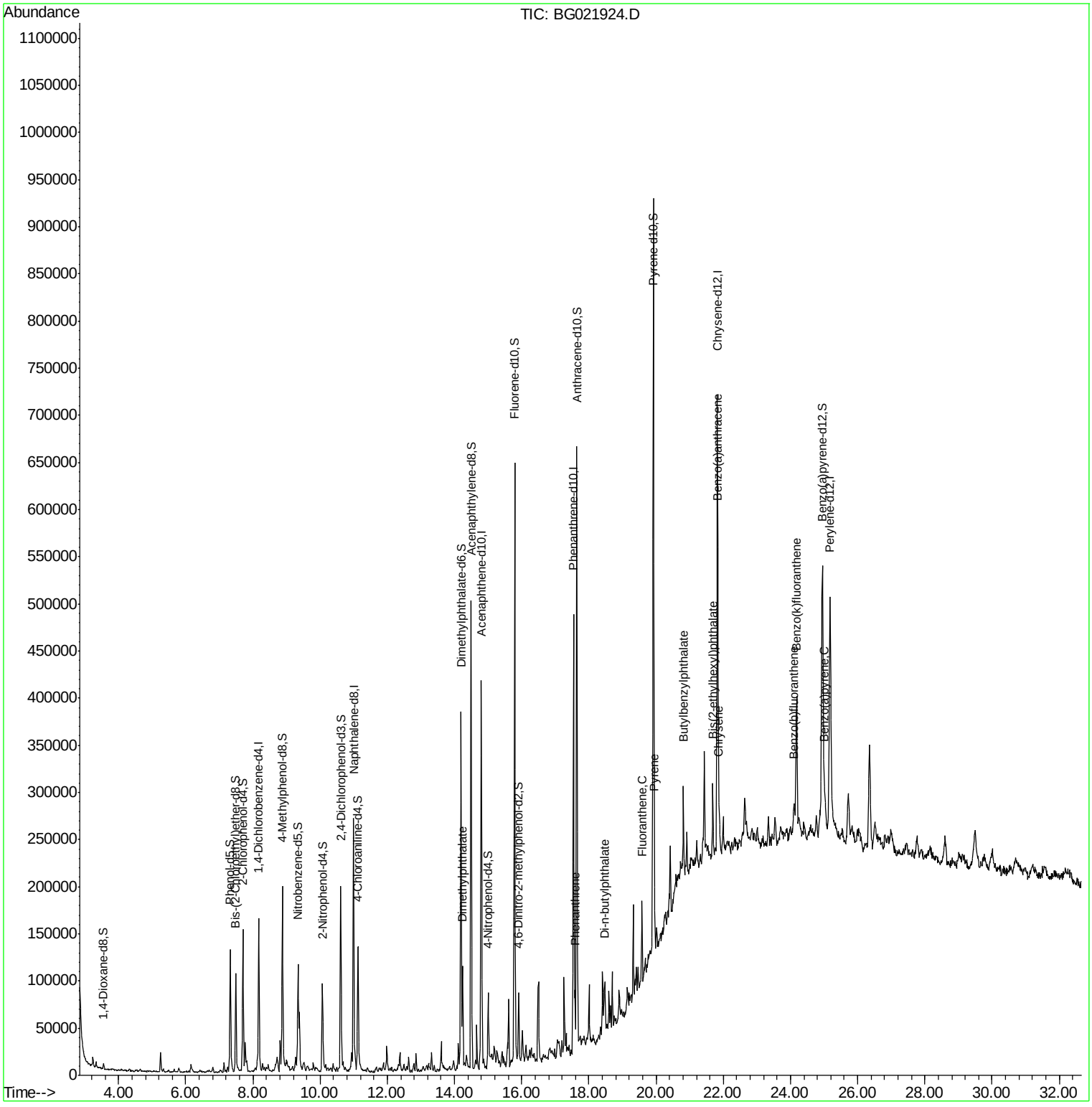
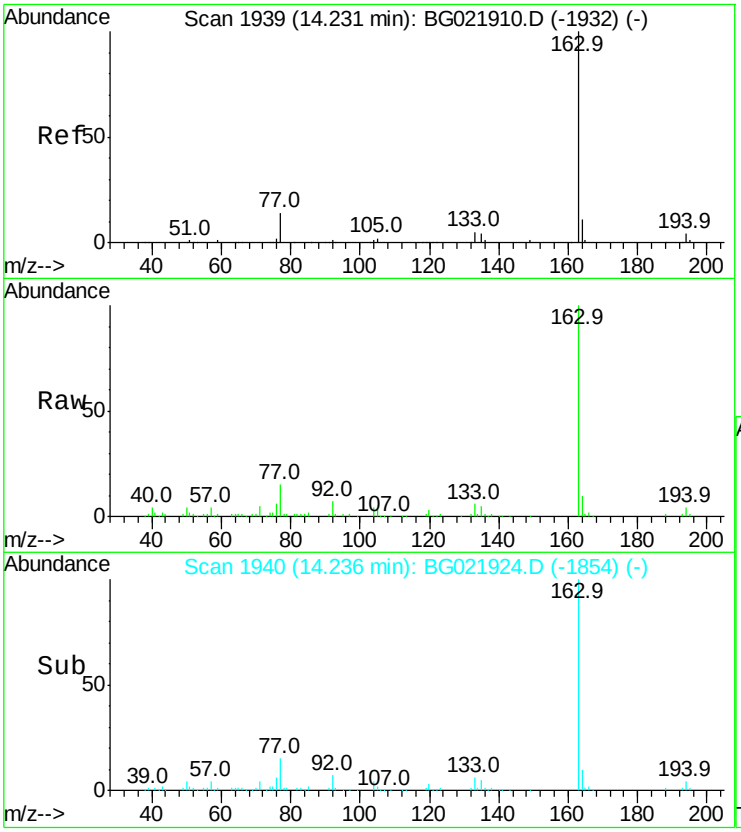
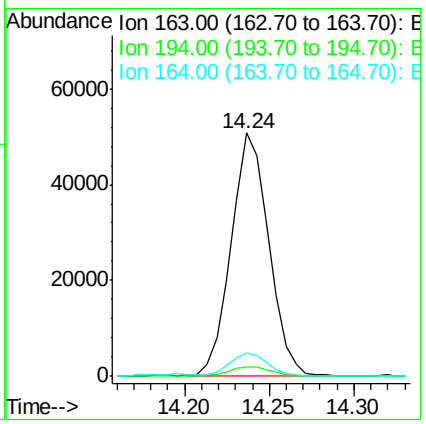




#45
Dimethylphthalate
Concen: 6.63 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BG021924.D
Acq: 17 May 2016 2:45

Tgt Ion:163 Resp: 79023

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.9	5.9
164	9.8	8.7	13.1



Instrument :
BNA_G
ClientSampleId :
D9XF3

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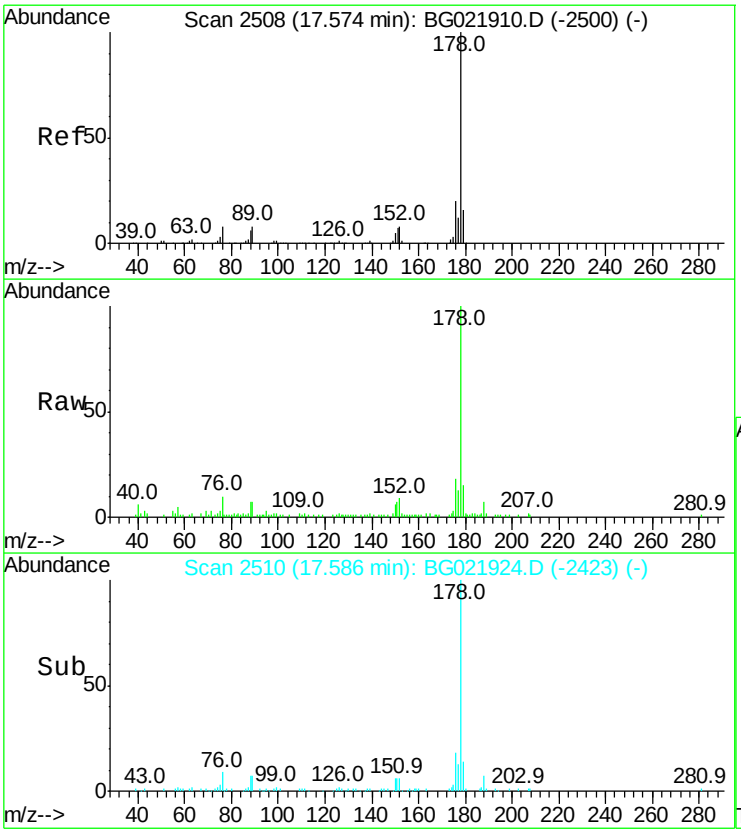
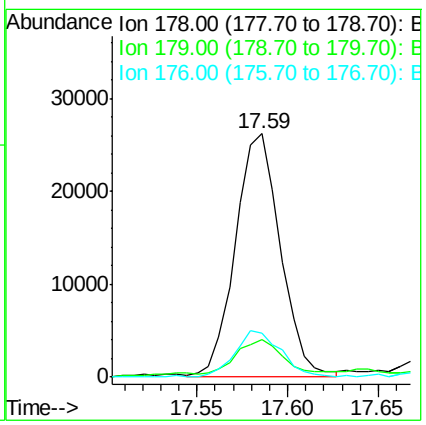
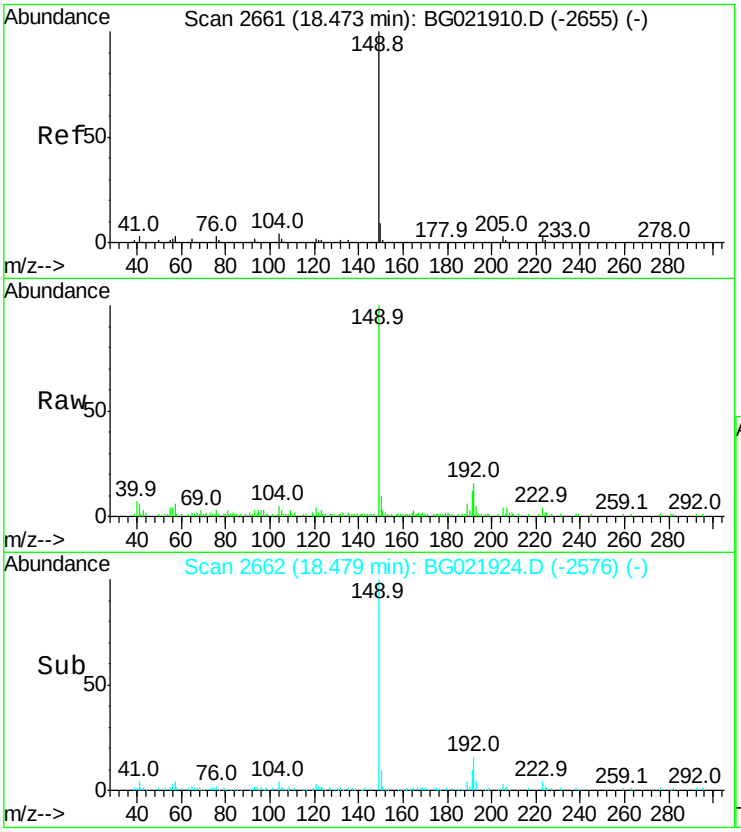


#70
Phenanthrene
Concen: 2.44 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. 0.01 min
Lab File: BG021924.D
Acq: 17 May 2016 2:45

Tgt Ion:178 Resp: 45143

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	18.2	14.8	22.2





#74
Di-n-butylphthalate
Concen: 2.48 ng/ul
RT: 18.48 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BG021924.D
Acq: 17 May 2016 2:45

Tgt Ion:149 Resp: 36687

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.5	11.3
104	4.8	5.4	8.2#

Instrument :
BNA_G
ClientSampleId :
D9XF3

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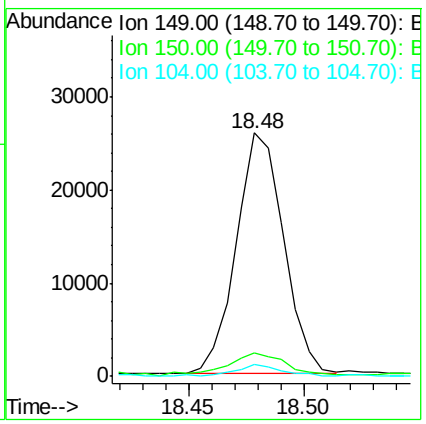
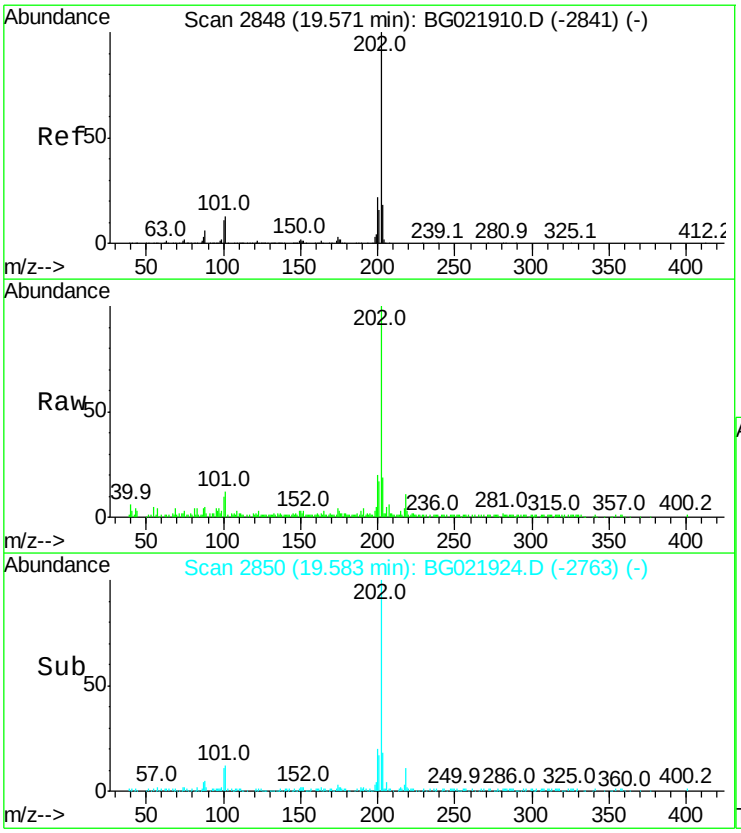
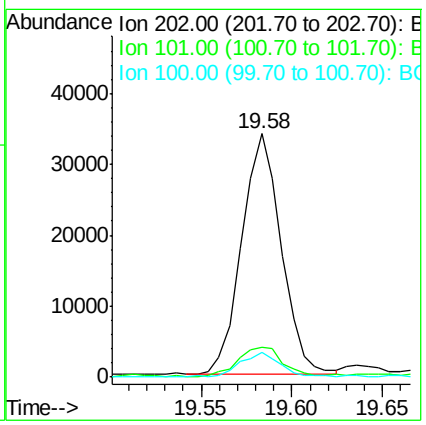


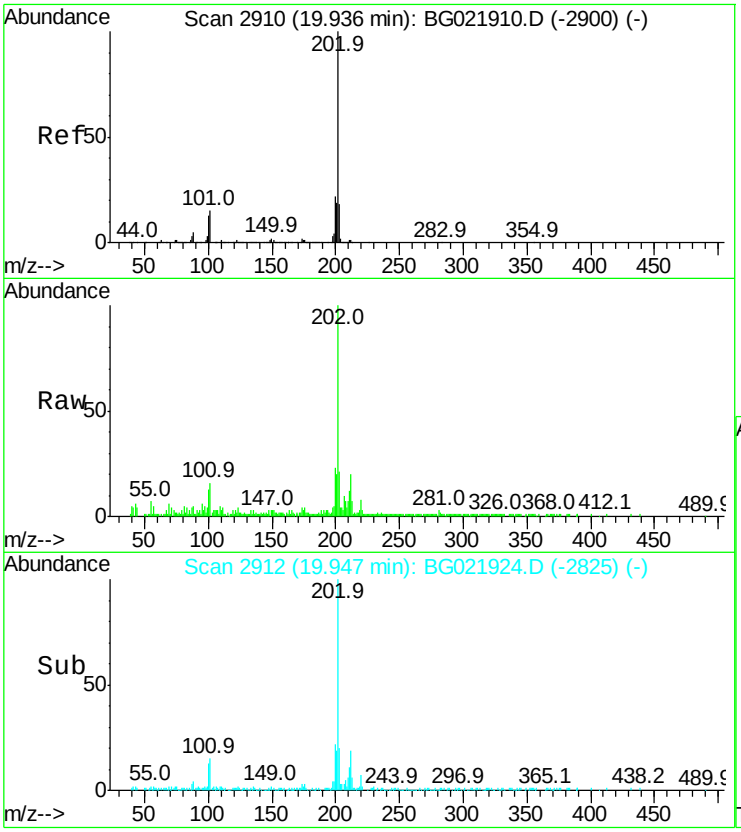


#75
Fluoranthene
Concen: 2.47 ng/ul
RT: 19.58 min Scan# 2850
Delta R.T. 0.01 min
Lab File: BG021924.D
Acq: 17 May 2016 2:45

Tgt Ion:202 Resp: 51758

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.9	13.3
100	10.4	7.0	10.4

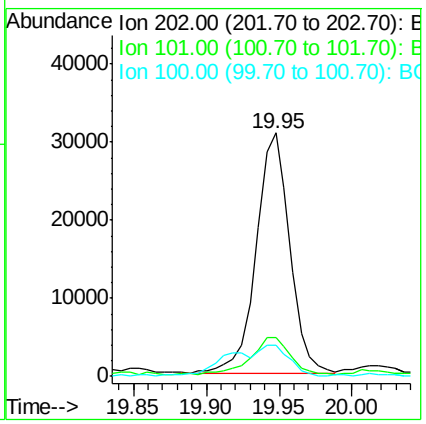




#78
Pyrene
Concen: 2.66 ng/ul m
RT: 19.95 min Scan# 2912
Delta R.T. 0.01 min
Lab File: BG021924.D
Acq: 17 May 2016 2:45

Tgt Ion:202 Resp: 49211

Ion	Ratio	Lower	Upper
202	100		
101	16.0	9.8	14.8#
100	12.6	9.3	13.9



Instrument :
BNA_G
ClientSampleId :
D9XF3

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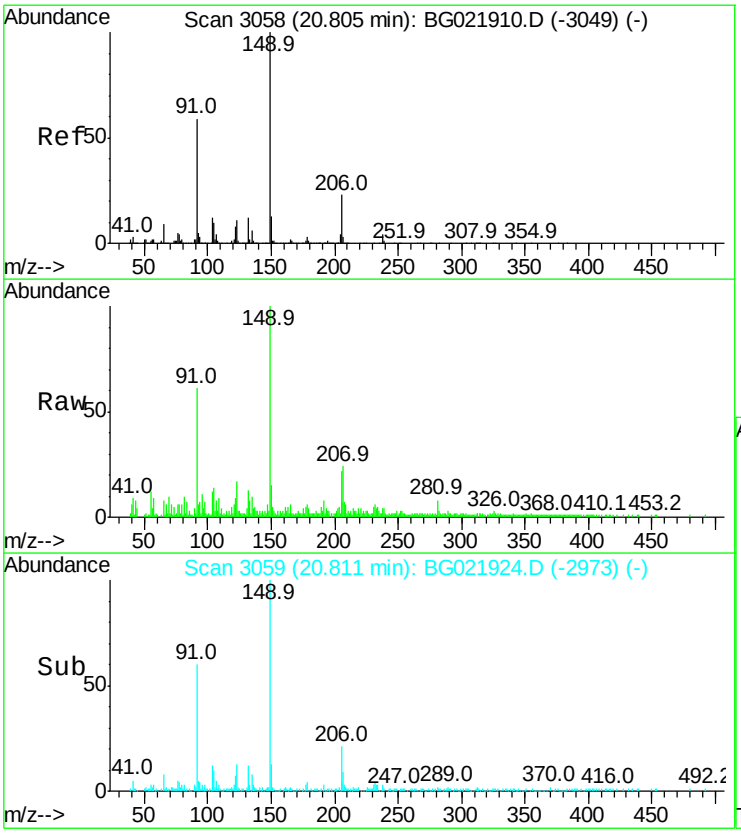
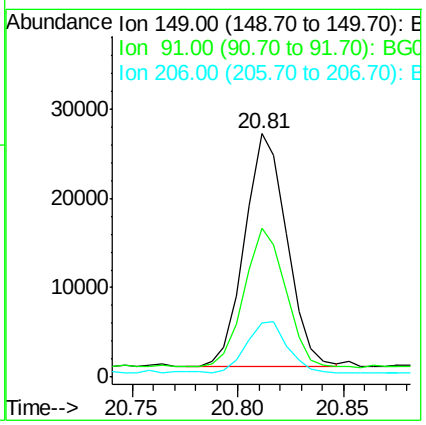
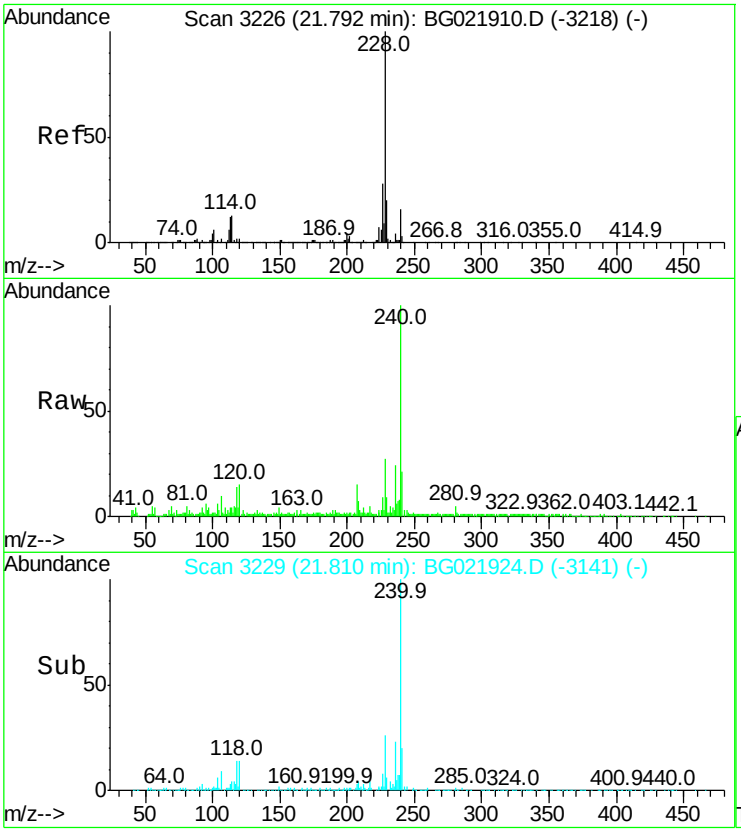


#79
Butylbenzylphthalate
Concen: 8.84 ng/ul
RT: 20.81 min Scan# 3059
Delta R.T. 0.01 min
Lab File: BG021924.D
Acq: 17 May 2016 2:45

Tgt Ion:149 Resp: 36185

Ion	Ratio	Lower	Upper
149	100		
91	61.3	65.8	98.8#
206	22.2	15.5	23.3





#81
Benzo(a)anthracene
Concen: 1.82 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. 0.02 min
Lab File: BG021924.D
Acq: 17 May 2016 2:45

Tgt Ion:228 Resp: 32425

Ion	Ratio	Lower	Upper
228	100		
229	31.6	16.6	25.0#
226	31.9	21.0	31.4#

Instrument :
BNA_G
ClientSampleId :
D9XF3

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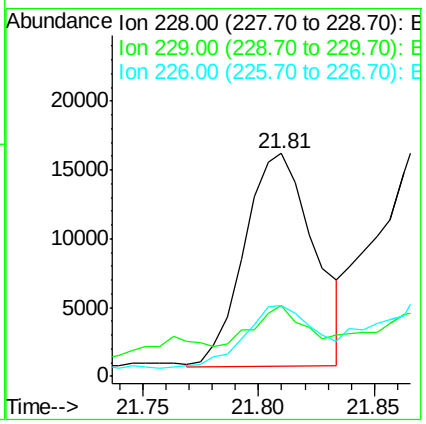
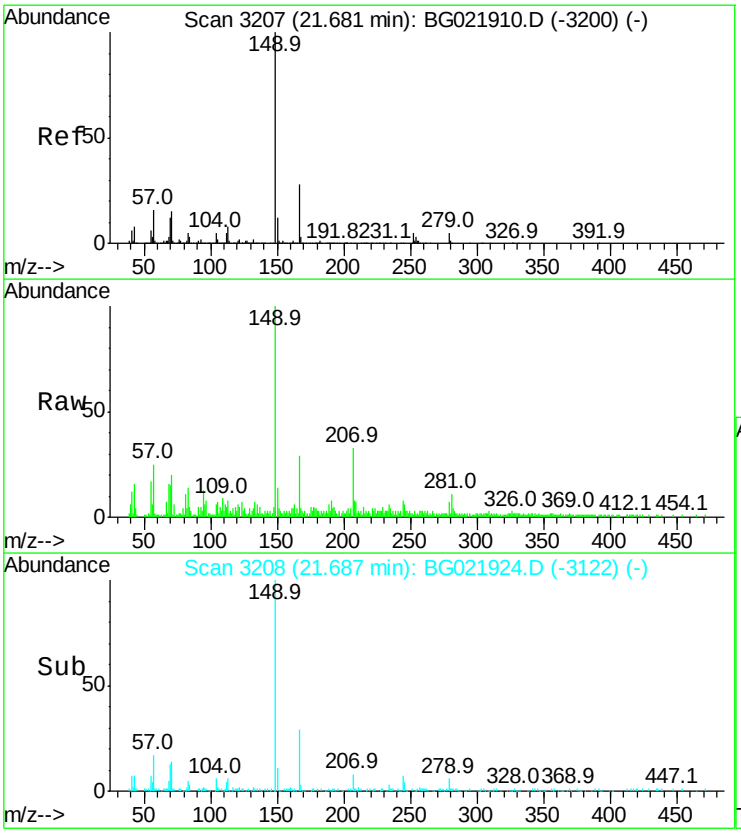
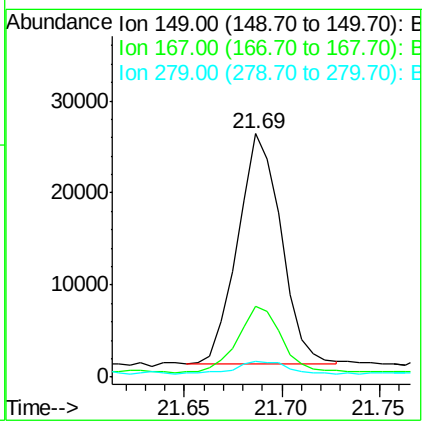


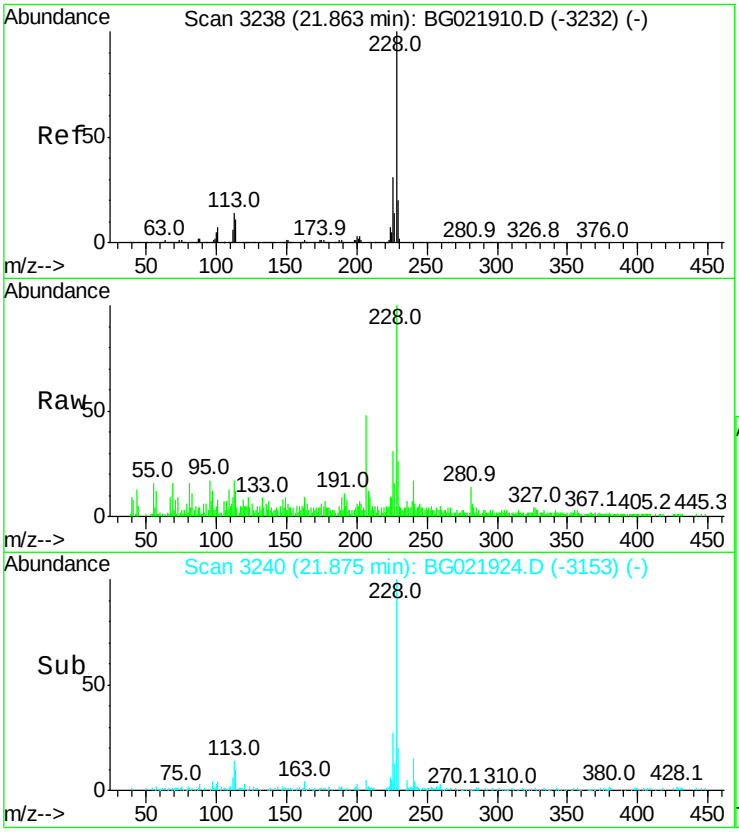


#82
Bis(2-ethylhexyl)phthalate
Concen: 5.72 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. 0.01 min
Lab File: BG021924.D
Acq: 17 May 2016 2:45

Tgt Ion:149 Resp: 38257

Ion	Ratio	Lower	Upper
149	100		
167	29.3	20.5	30.7
279	6.7	3.7	5.5#





#83
Chrysene
Concen: 2.65 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG021924.D
Acq: 17 May 2016 2:45

Tgt Ion:228 Resp: 46615

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.2
229	25.9	16.2	24.2#

Instrument :
BNA_G
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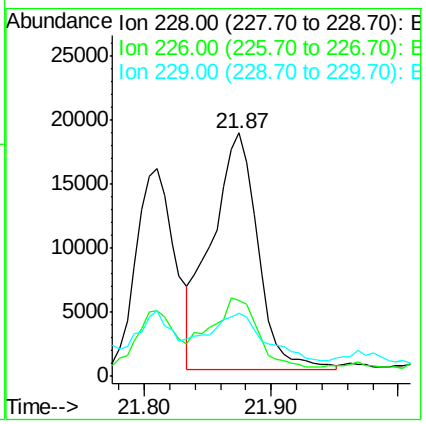
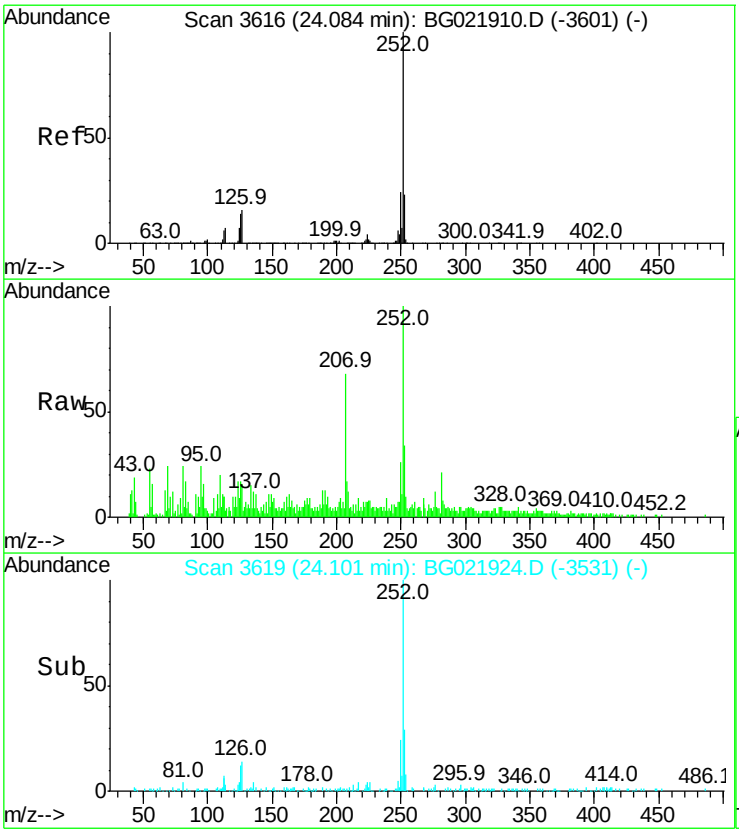
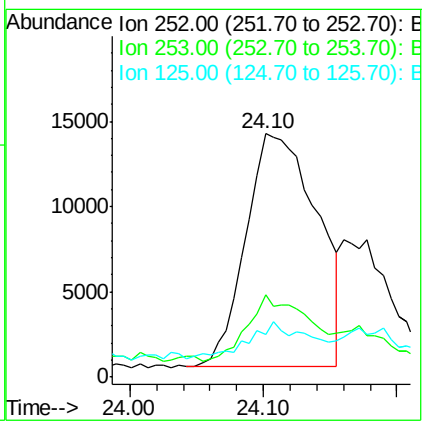


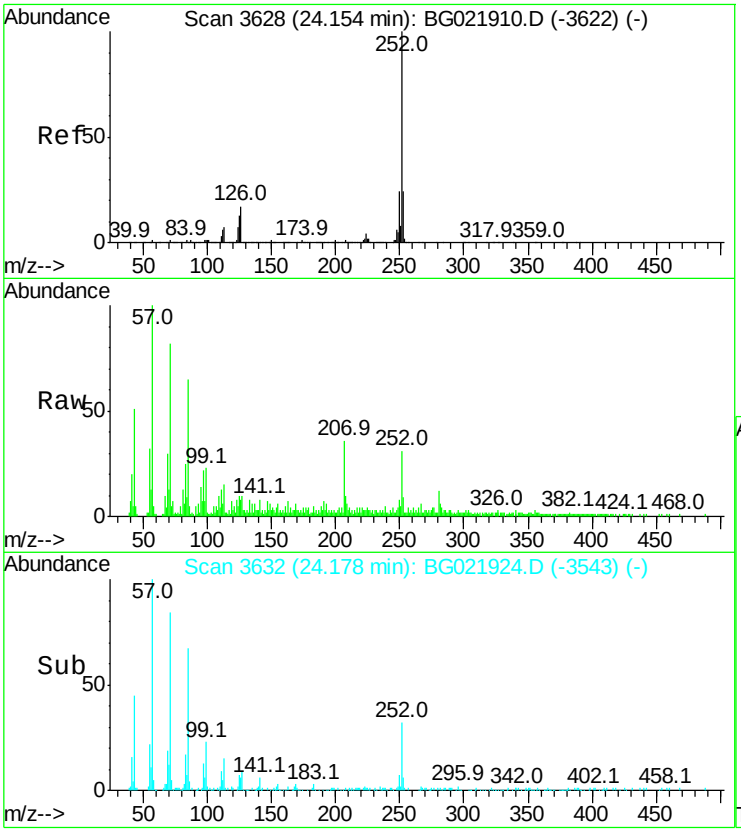


#86
Benzo(b)fluoranthene
Concen: 3.02 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. 0.02 min
Lab File: BG021924.D
Acq: 17 May 2016 2:45

Tgt Ion:252 Resp: 50500

Ion	Ratio	Lower	Upper
252	100		
253	33.7	18.1	27.1#
125	17.3	7.6	11.4#





#87
Benzo(k)fluoranthene
Concen: 1.03 ng/ul m
RT: 24.18 min Scan# 3632
Delta R.T. 0.02 min
Lab File: BG021924.D
Acq: 17 May 2016 2:45

Tgt Ion:252 Resp: 18477

Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.8	26.8#
125	31.0	7.7	11.5#

Instrument :
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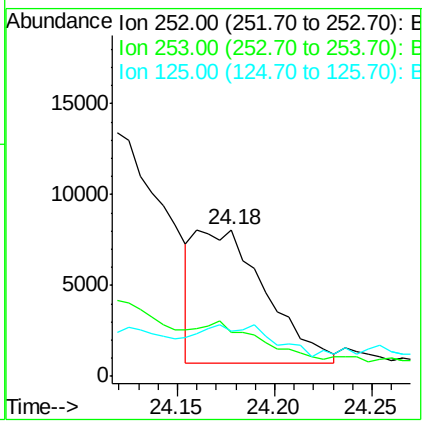

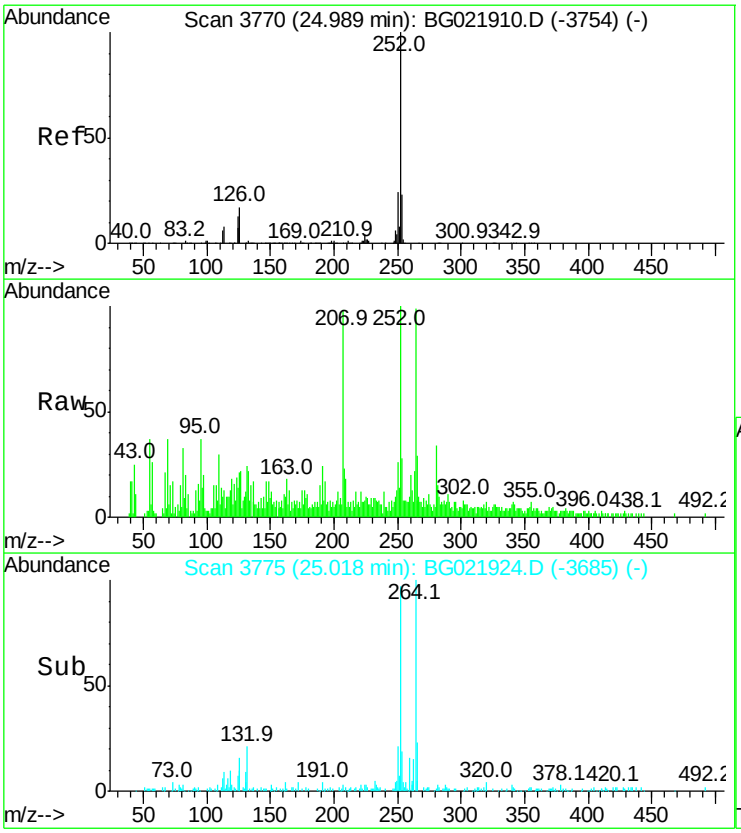

#89
Benzo(a)pyrene
Concen: 2.08 ng/ul
RT: 25.02 min Scan# 3775
Delta R.T. 0.03 min
Lab File: BG021924.D
Acq: 17 May 2016 2:45

Tgt Ion:252 Resp: 34620

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.4	26.0#
125	21.0	8.2	12.2#