Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021920.D
Acq On : 17 May 2016 00:05
Operator : UM/SJ
Sample : H3095-14MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF0MS

Manual Integrations APPROVED
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Quant Time: May 17 04:07:01 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	74384	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	342182	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	199909	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	410400	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	390370	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	379589	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	5741	3.73	ng/uL	0.00
5) Phenol-d5	7.32	99	138202	25.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	63010	23.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	123110	28.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	111270	24.00	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	63175	28.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	70920	49.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	124147	30.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	99820	23.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	375830	26.77	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	511362	25.65	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	63907	26.55	ng/ul	0.02
58) Fluorene-d10	15.78	176	350937	23.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	39216	34.50	ng/ul	0.01
71) Anthracene-d10	17.64	188	483695	24.21	ng/ul	0.00
77) Pyrene-d10	19.92	212	500196m	27.37	ng/ul	0.01
88) Benzo(a)pyrene-d12	24.94	264	464552	25.76	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.35	94	135701	23.12	ng/ul#	71
10) 2-Chlorophenol	7.73	128	119664	27.71	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.97	70	75534	21.89	ng/ul#	75
33) 4-Chloro-3-methylphenol	12.26	107	113401	27.40	ng/ul#	62
45) Dimethylphthalate	14.24	163	107053	7.48	ng/ul	97
50) Acenaphthene	14.86	153	355384	25.04	ng/ul	97
53) 4-Nitrophenol	15.01	109	27513	25.08	ng/ul#	26
55) 2,4-Dinitrotoluene	15.15	165	112532	28.80	ng/ul#	54
69) Pentachlorophenol	17.19	266	75363	39.84	ng/ul	92
70) Phenanthrene	17.58	178	40927	1.82	ng/ul	94
75) Fluoranthene	19.58	202	71018	2.79	ng/ul	96
78) Pyrene	19.94	202	687038m	30.42	ng/ul	
81) Benzo(a)anthracene	21.81	228	36014	1.66	ng/ul	92
82) Bis(2-ethylhexyl)phthalate	21.69	149	87827	10.78	ng/ul#	93
83) Chrysene	21.87	228	45567m	2.12	ng/ul	
86) Benzo(b)fluoranthene	24.11	252	57925	2.67	ng/ul#	87
89) Benzo(a)pyrene	25.01	252	41472	1.92	ng/ul#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021920.D
Acq On : 17 May 2016 00:05
Operator : UM/SJ
Sample : H3095-14MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 17 04:07:01 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

Instrument :
BNA_G
ClientSampleId :
D9XF0MS

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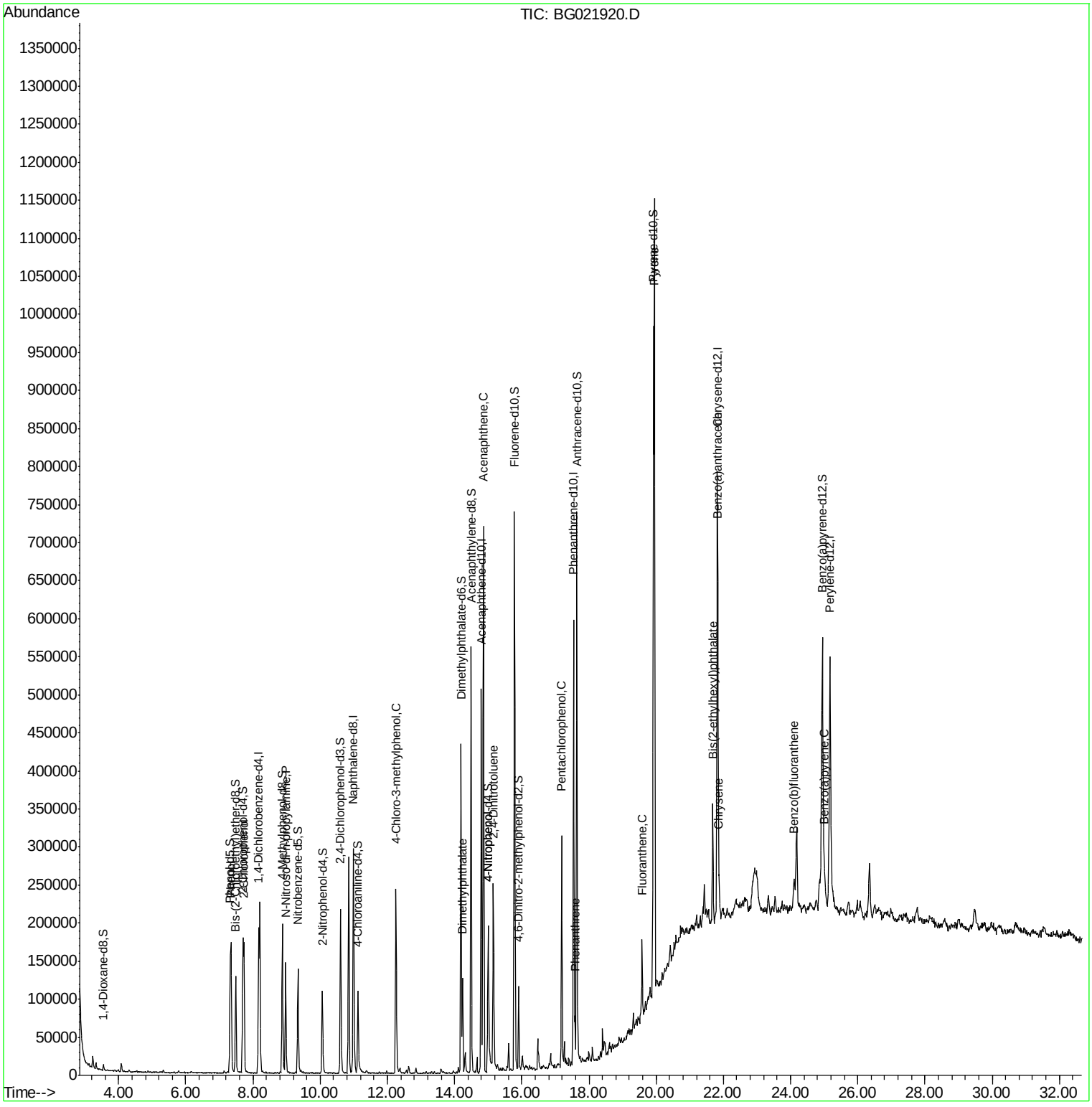

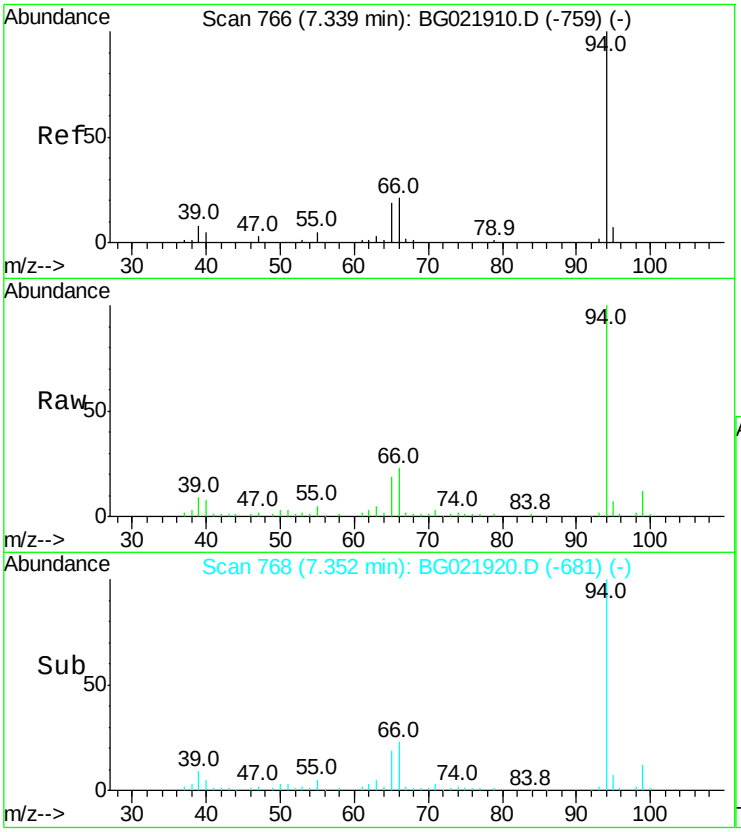

#6
Phenol
Concen: 23.12 ng/ul
RT: 7.35 min Scan# 768
Delta R.T. 0.01 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion: 94 Resp: 135701

Ion	Ratio	Lower	Upper
94	100		
65	18.5	26.1	39.1#
66	23.0	35.0	52.4#

Instrument :
BNA_G
ClientSampleId :
D9XF0MS

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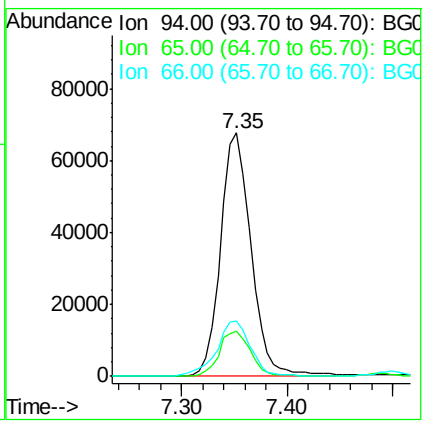
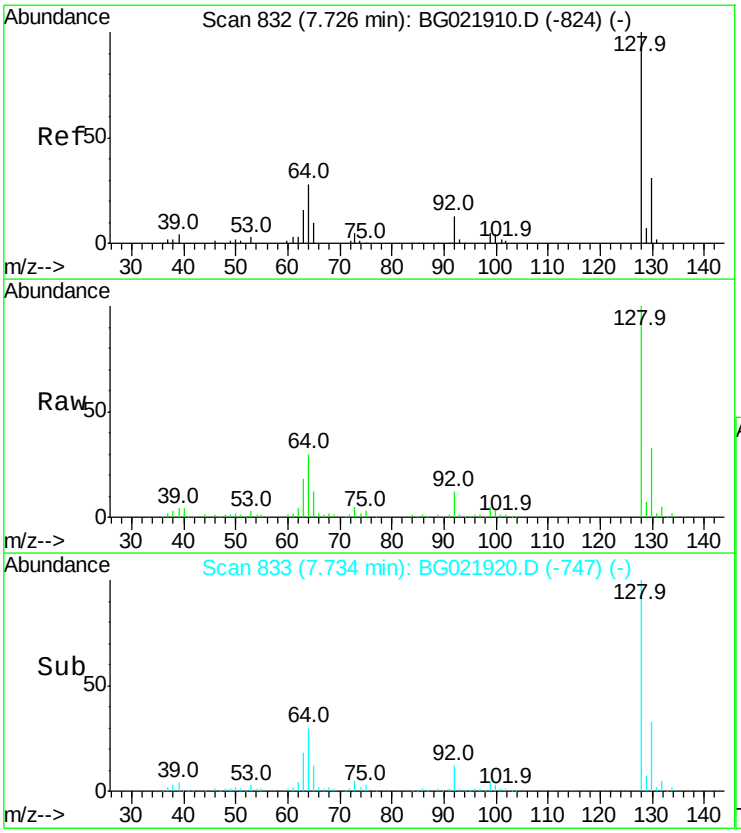
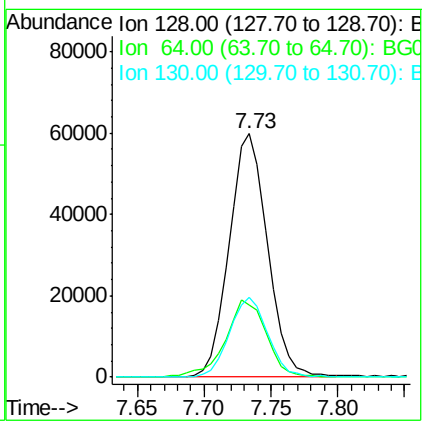


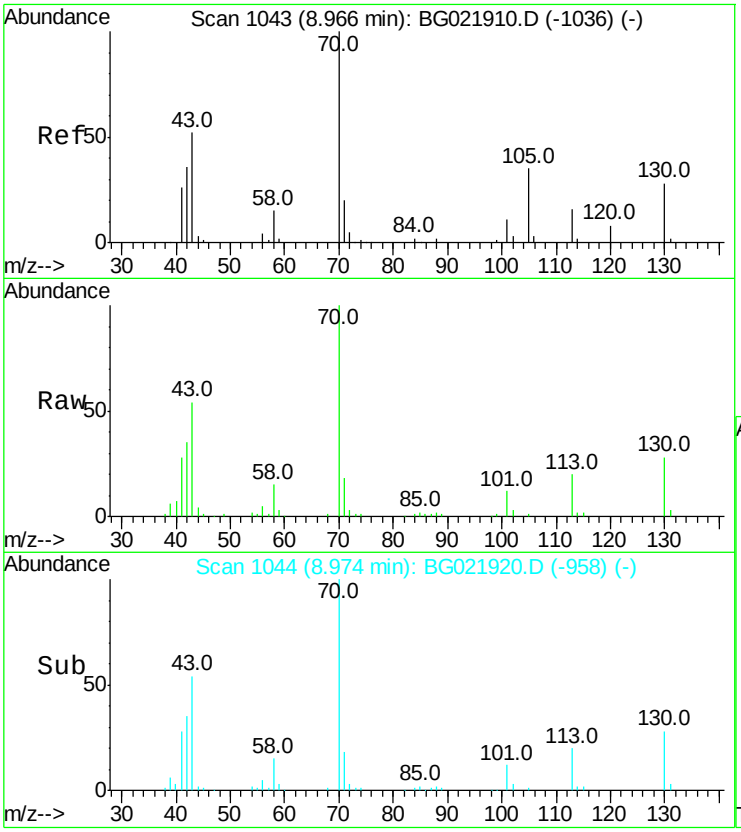


#10
2-Chlorophenol
Concen: 27.71 ng/ul
RT: 7.73 min Scan# 833
Delta R.T. 0.01 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:128 Resp: 119664

Ion	Ratio	Lower	Upper
128	100		
64	29.7	47.0	70.6#
130	32.8	27.8	41.6

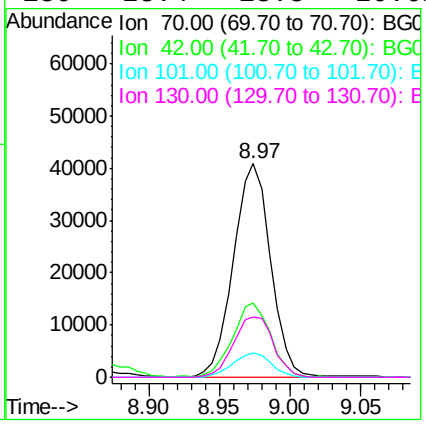




#15
N-Nitroso-di-n-propylamine
Concen: 21.89 ng/ul
RT: 8.97 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion: 70 Resp: 75534

Ion	Ratio	Lower	Upper
70	100		
42	34.6	43.4	65.0#
101	11.7	6.5	9.7#
130	28.4	13.8	20.6#



Instrument :
BNA_G
ClientSampleId :
D9XF0MS

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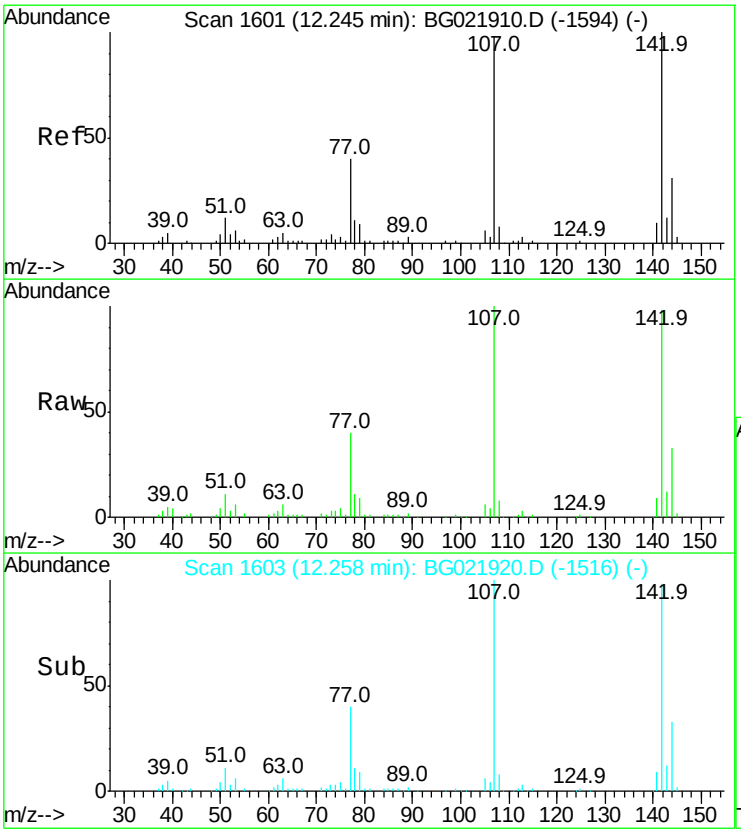
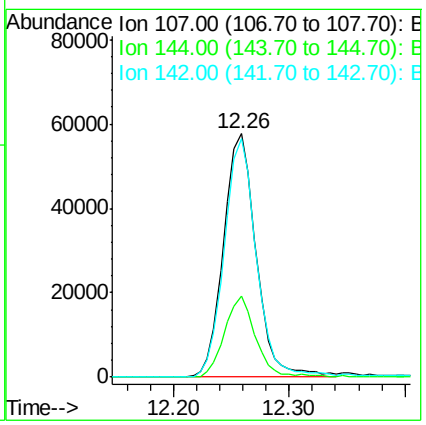
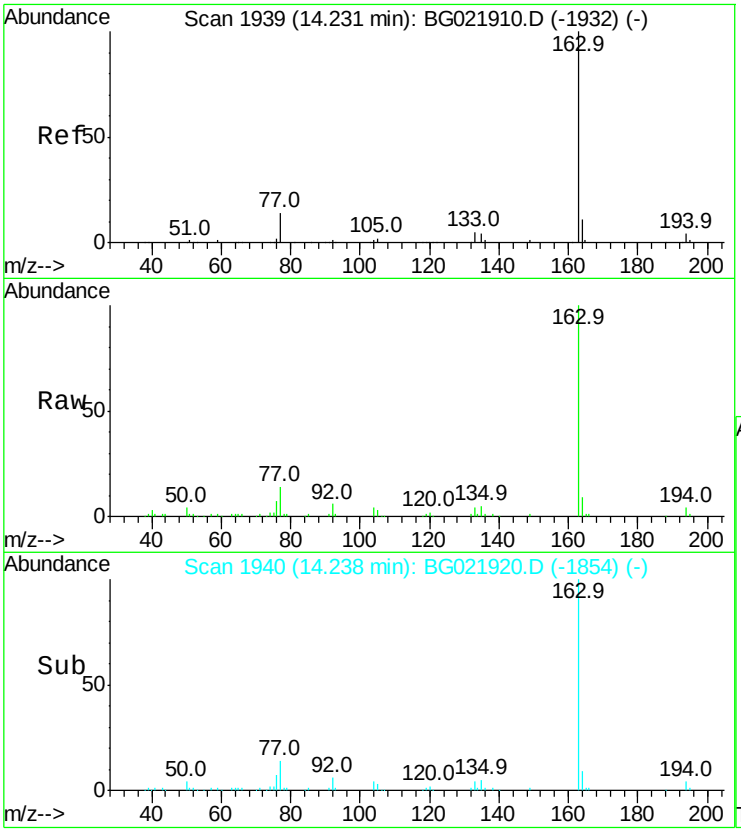


#33
4-Chloro-3-methylphenol
Concen: 27.40 ng/ul
RT: 12.26 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:107 Resp: 113401

Ion	Ratio	Lower	Upper
107	100		
144	33.4	17.2	25.8#
142	97.9	52.0	78.0#

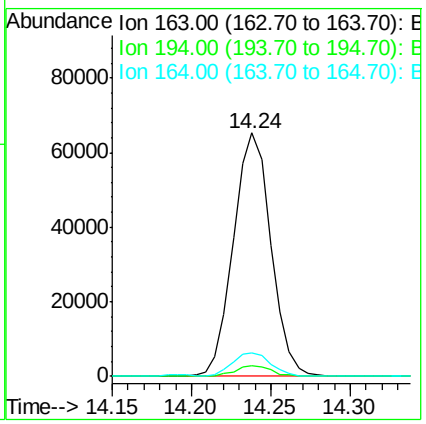




#45
Dimethylphthalate
Concen: 7.48 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:163 Resp: 107053

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.9	5.9
164	9.4	8.7	13.1



Instrument :
BNA_G
ClientSampleId :
D9XF0MS

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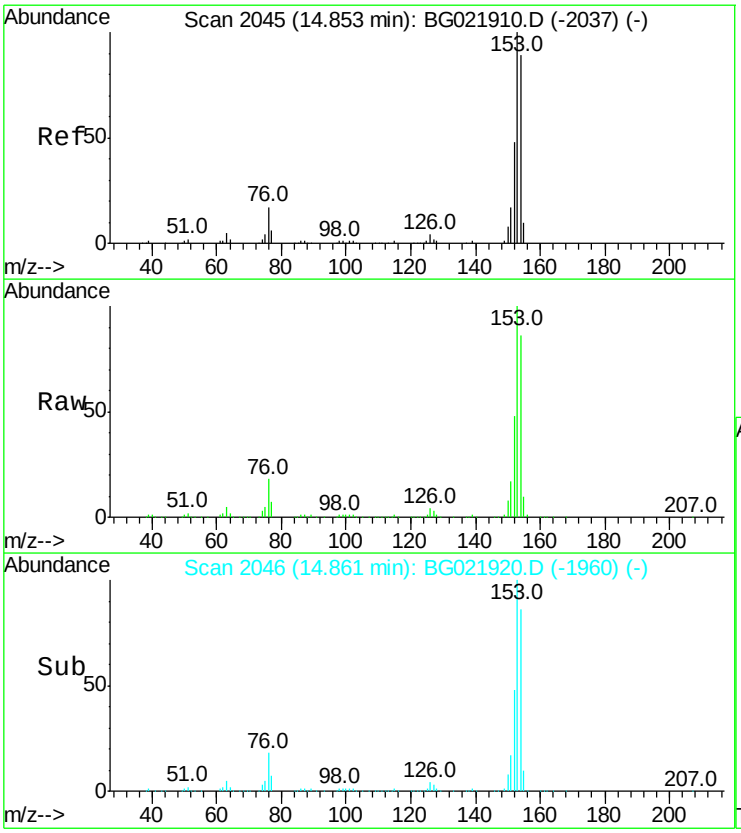
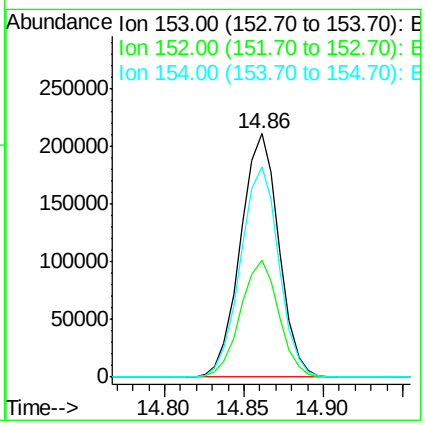
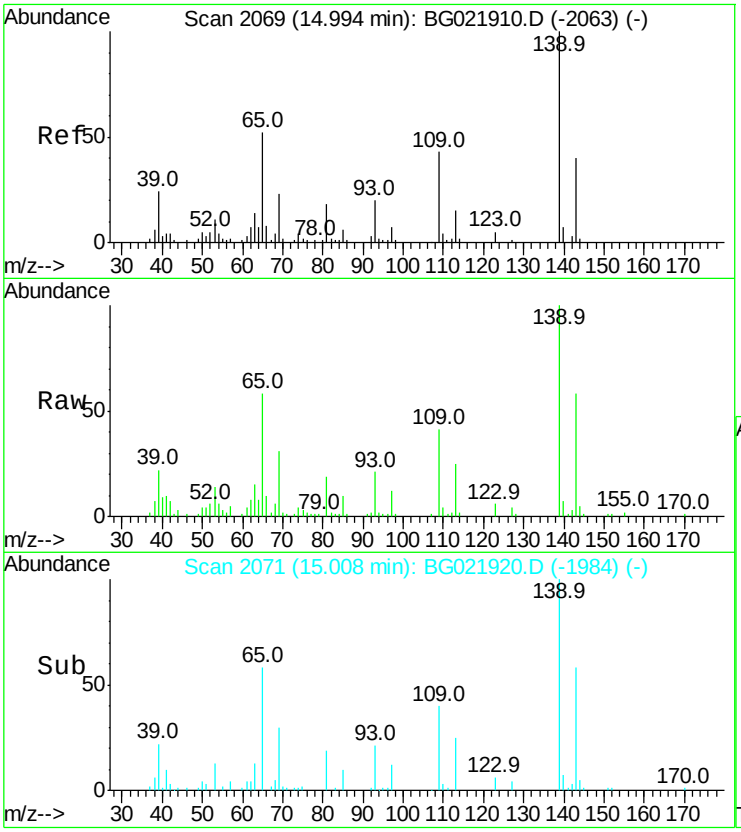


#50
Acenaphthene
Concen: 25.04 ng/ul
RT: 14.86 min Scan# 2046
Delta R.T. 0.01 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:153 Resp: 355384

Ion	Ratio	Lower	Upper
153	100		
152	47.9	36.5	54.7
154	86.4	67.3	100.9

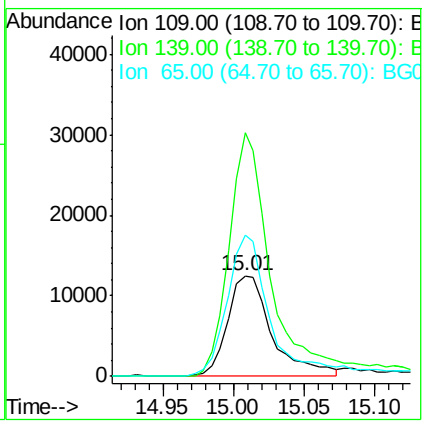




#53
4-Nitrophenol
Concen: 25.08 ng/ul
RT: 15.01 min Scan# 2071
Delta R.T. 0.01 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:109 Resp: 27513

Ion	Ratio	Lower	Upper
109	100		
139	242.8	75.9	113.9#
65	140.2	99.8	149.8



Instrument :
BNA_G
ClientSampleId :
D9XF0MS

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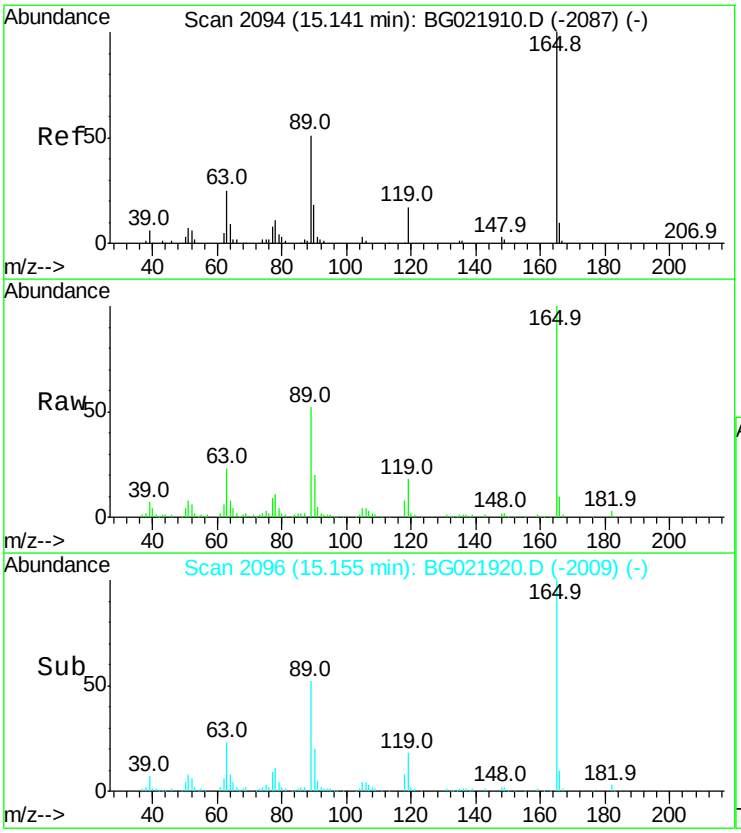
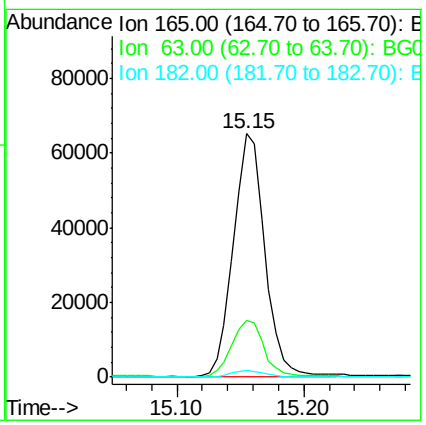
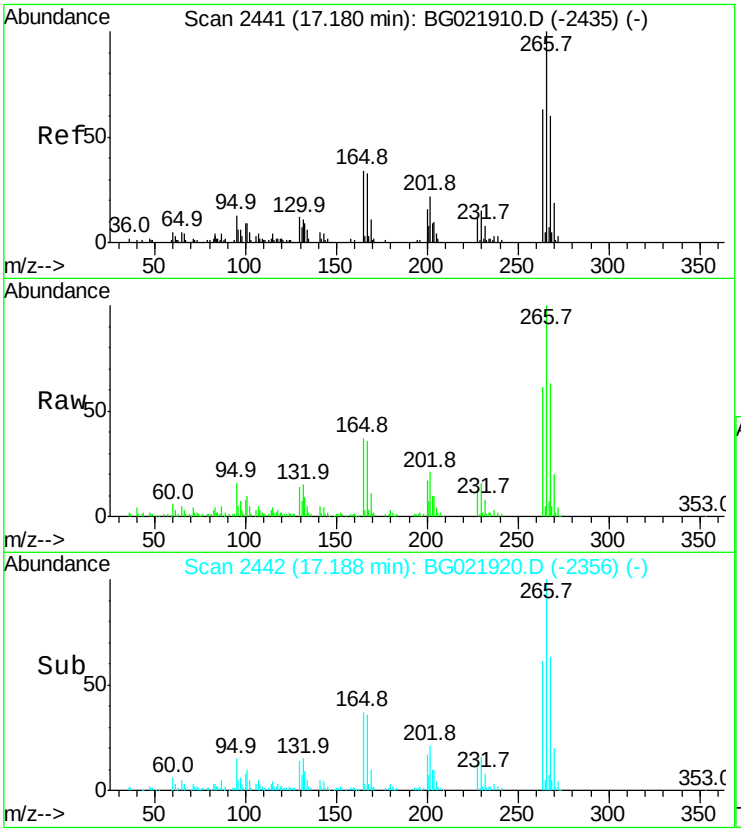


#55
2,4-Dinitrotoluene
Concen: 28.80 ng/ul
RT: 15.15 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:165 Resp: 112532

Ion	Ratio	Lower	Upper
165	100		
63	23.3	48.1	72.1#
182	2.9	2.2	3.2

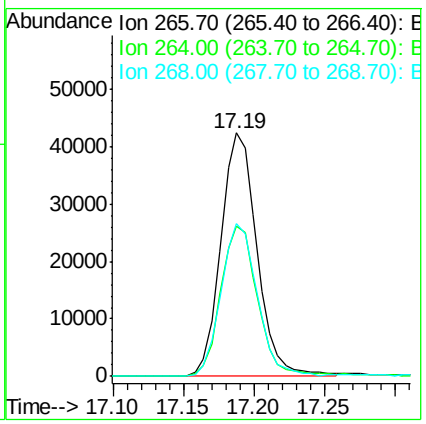




#69
Pentachlorophenol
Concen: 39.84 ng/ul
RT: 17.19 min Scan# 2442
Delta R.T. 0.01 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:266 Resp: 75363

Ion	Ratio	Lower	Upper
266	100		
264	61.4	56.7	85.1
268	67.2	50.6	76.0



Instrument :
BNA_G
ClientSampleId :
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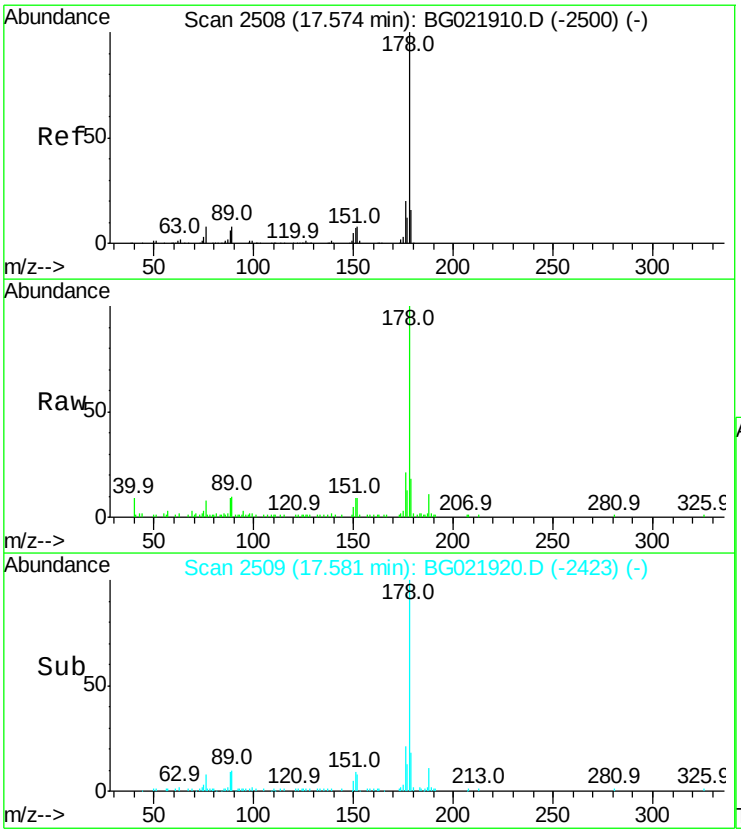
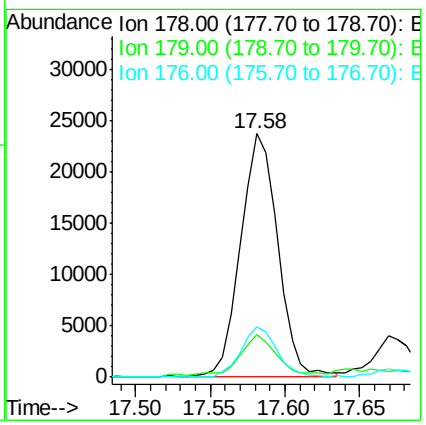
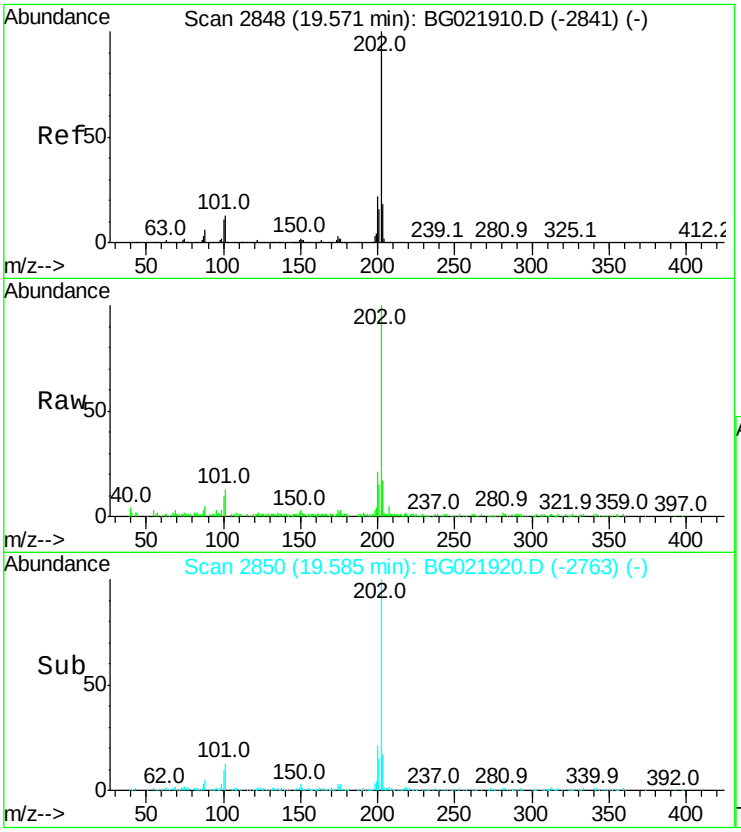


#70
Phenanthrene
Concen: 1.82 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:178 Resp: 40927

Ion	Ratio	Lower	Upper
178	100		
179	17.6	11.8	17.8
176	20.7	14.8	22.2

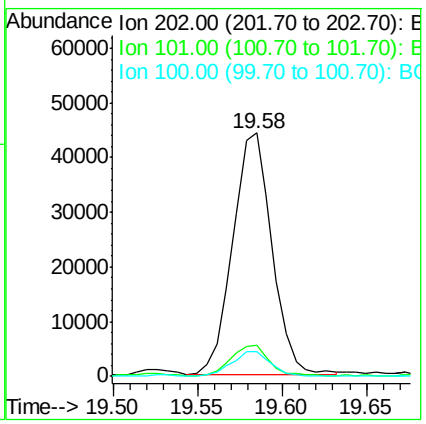




#75
Fluoranthene
Concen: 2.79 ng/ul
RT: 19.58 min Scan# 2850
Delta R.T. 0.01 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:202 Resp: 71018

Ion	Ratio	Lower	Upper
202	100		
101	12.6	8.9	13.3
100	10.3	7.0	10.4



Instrument :
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ClientSampleId :
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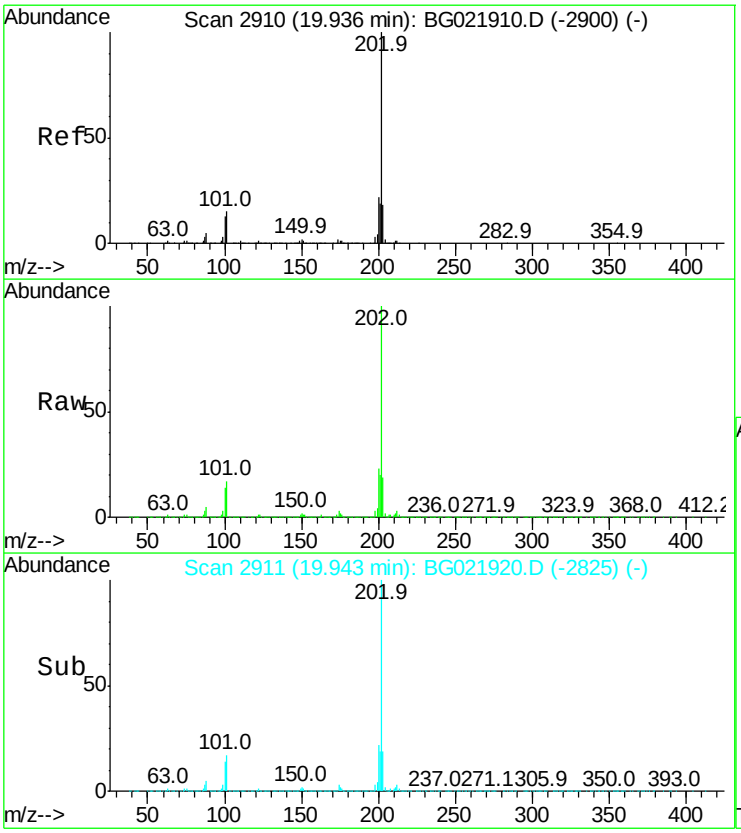
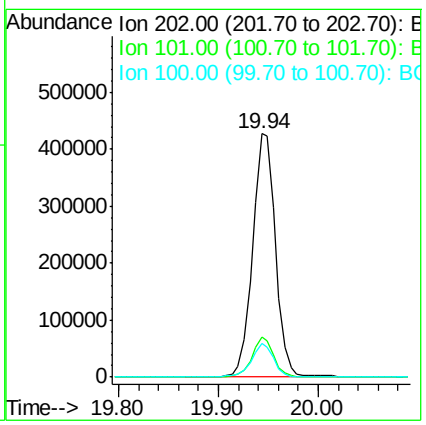
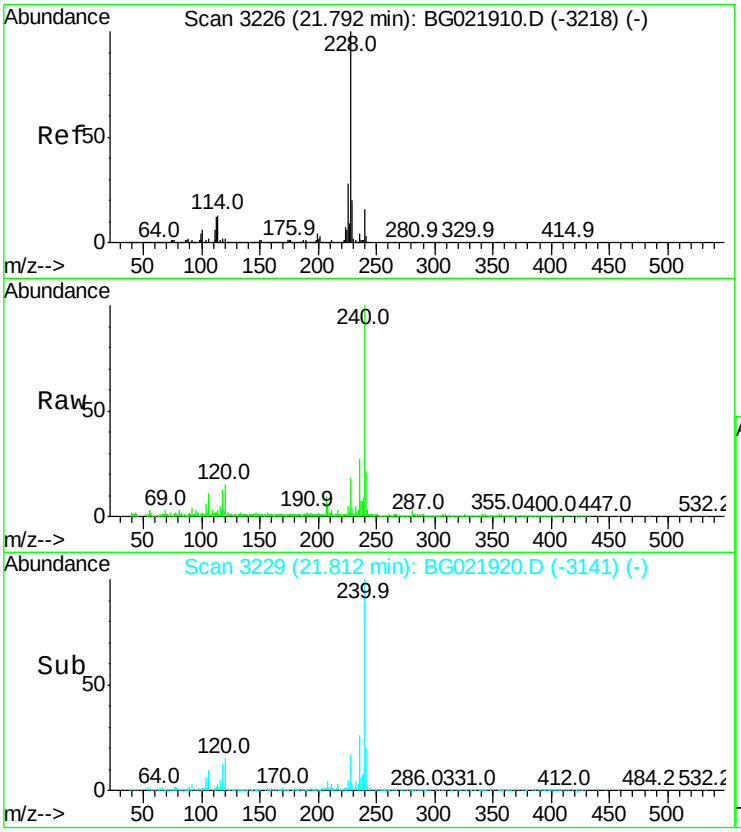


#78
Pyrene
Concen: 30.42 ng/ul m
RT: 19.94 min Scan# 2911
Delta R.T. 0.01 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:202 Resp: 687038

Ion	Ratio	Lower	Upper
202	100		
101	16.6	9.8	14.8#
100	13.7	9.3	13.9





#81
Benzo(a)anthracene
Concen: 1.66 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. 0.02 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:228 Resp: 36014

Ion	Ratio	Lower	Upper
228	100		
229	24.1	16.6	25.0
226	30.4	21.0	31.4

Instrument :
BNA_G
ClientSampleId :
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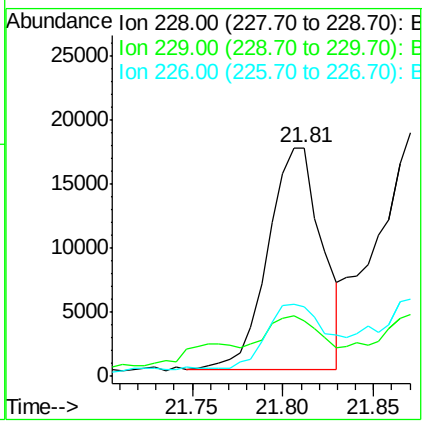
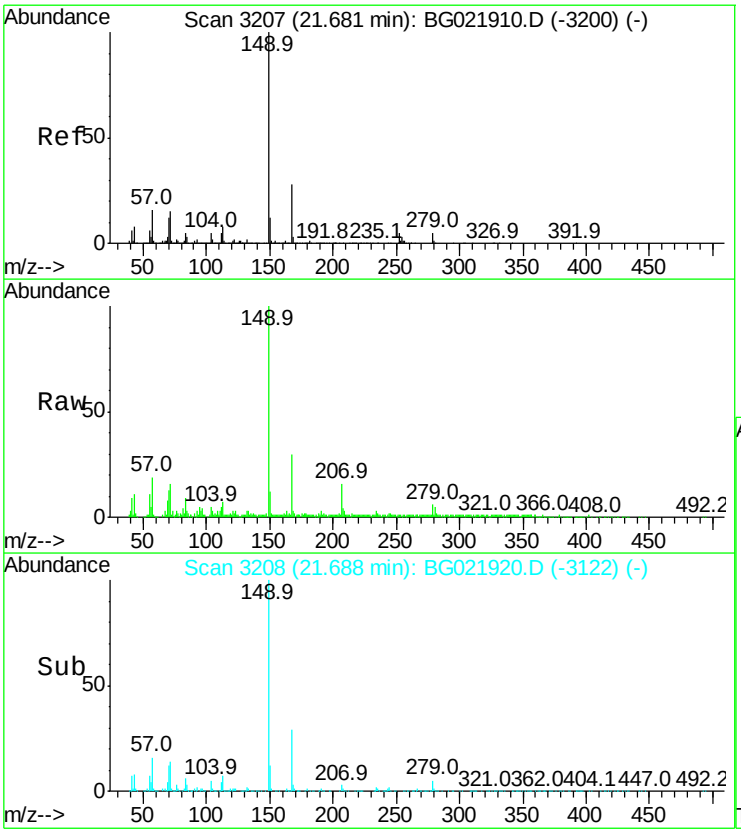
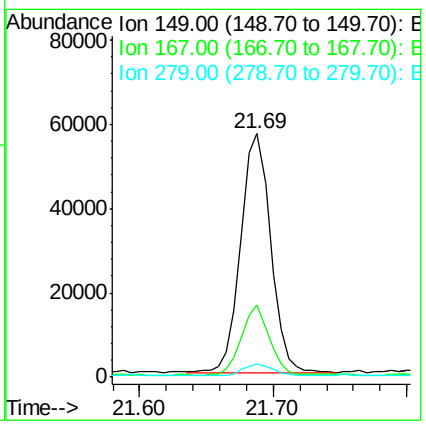


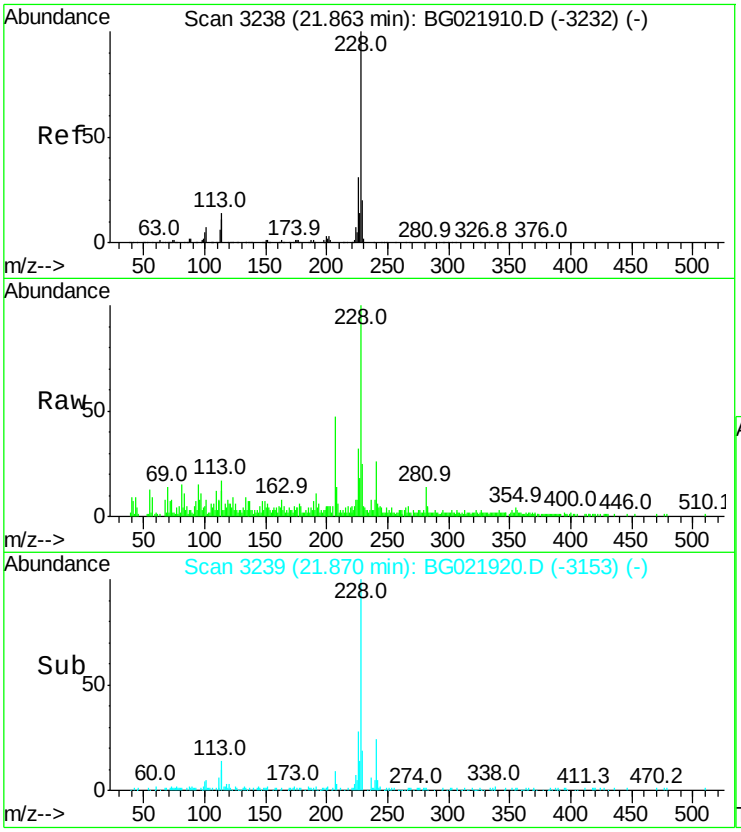


#82
Bis(2-ethylhexyl)phthalate
Concen: 10.78 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. 0.01 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:149 Resp: 87827

Ion	Ratio	Lower	Upper
149	100		
167	29.5	20.5	30.7
279	5.6	3.7	5.5#





#83
Chrysene
Concen: 2.12 ng/ul m
RT: 21.87 min Scan# 3239
Delta R.T. 0.01 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:228 Resp: 45567

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.2
229	25.5	16.2	24.2#

Instrument :
BNA_G
ClientSampleId :
D9XF0MS

Manual Integrations APPROVED
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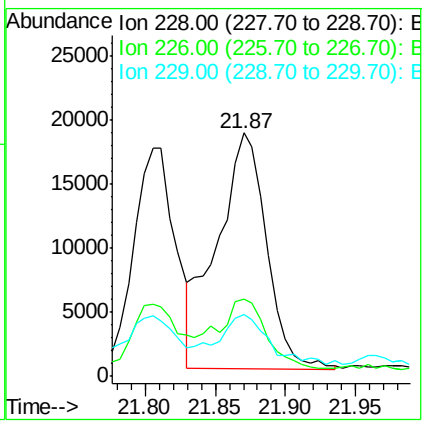
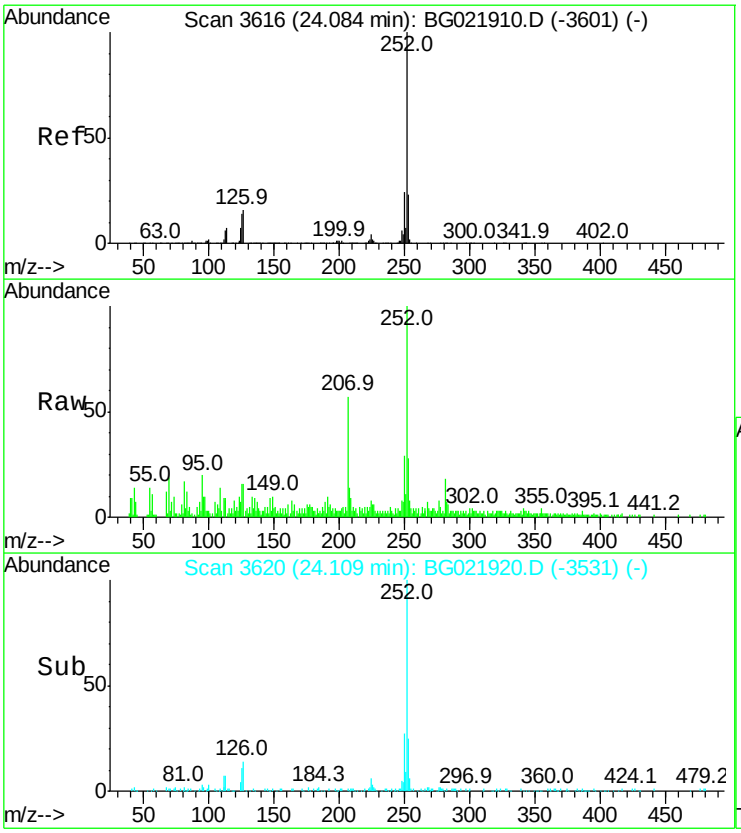
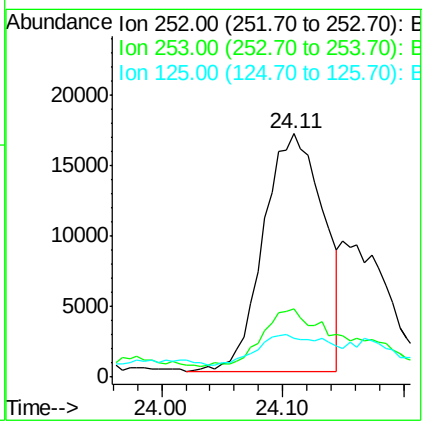


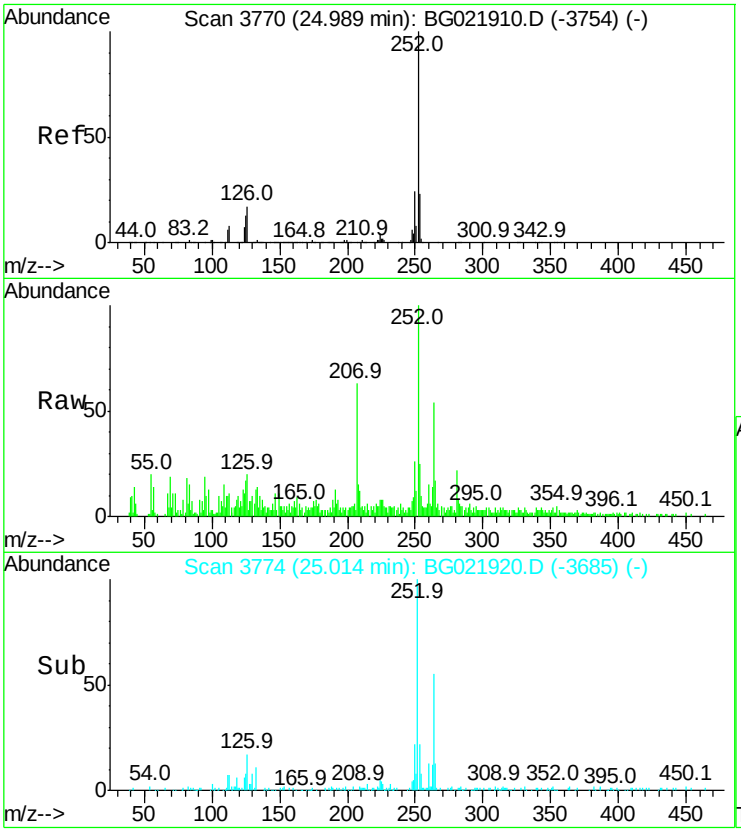


#86
Benzo(b)fluoranthene
Concen: 2.67 ng/ul
RT: 24.11 min Scan# 3620
Delta R.T. 0.03 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:252 Resp: 57925

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.1	27.1#
125	15.9	7.6	11.4#

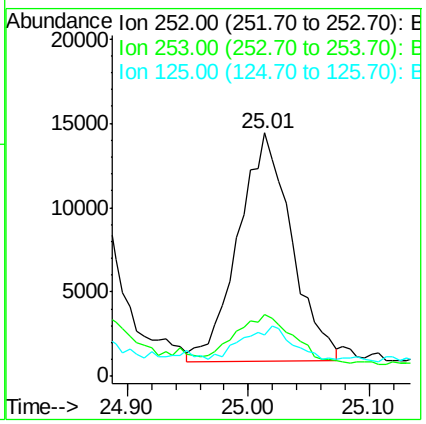




#89
Benzo(a)pyrene
Concen: 1.92 ng/ul
RT: 25.01 min Scan# 3774
Delta R.T. 0.03 min
Lab File: BG021920.D
Acq: 17 May 2016 00:05

Tgt Ion:252 Resp: 41472

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.0
125	17.1	8.2	12.2#



Instrument :
BNA_G
ClientSampleId :
D9XF0MS

Manual Integrations APPROVED
umangi
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