Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018292.D
Acq On : 6 Aug 2015 3:51
Operator : UM/TP
Sample : G3109-17RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W7RE

Quant Time: Aug 06 06:44:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	47140	20.00	ng/ul	0.01
18) Naphthalene-d8	10.23	136	209354	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.13	164	123120	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.89	188	207920	20.00	ng/ul	0.02
78) Chrysene-d12	21.11	240	149399	20.00	ng/ul	0.02
86) Perylene-d12	23.28	264	157047m	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	1983	3.63	ng/uL	0.00
5) Phenol-d5	6.65	99	74694	20.15	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.78	67	41124	22.95	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	66636	21.59	ng/ul	0.01
13) 4-Methylphenol-d8	8.18	113	50455	16.12	ng/ul	0.01
19) Nitrobenzene-d5	8.60	128	34847	21.50	ng/ul	0.02
22) 2-Nitrophenol-d4	9.32	143	39469	21.05	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.87	165	68941	20.00	ng/ul	0.02
29) 4-Chloroaniline-d4	10.38	131	31181	7.55	ng/ul	0.02
44) Dimethylphthalate-d6	13.54	166	219005	23.00	ng/ul	0.02
47) Acenaphthylene-d8	13.82	160	236092	21.86	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	17101	10.89	ng/ul	0.03
58) Fluorene-d10	15.13	176	177948	20.80	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.28	200	2365	1.64	ng/ul	0.02
71) Anthracene-d10	16.99	188	202875	22.18	ng/ul	0.02
79) Pyrene-d10	19.30	212	136685	16.35	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.15	264	174425m	21.35	ng/ul	0.04
Target Compounds						Qvalue
45) Dimethylphthalate	13.59	163	80241	8.45	ng/ul	99
50) Acenaphthene	14.19	153	12691	1.76	ng/ul	93
59) Fluorene	15.18	166	14927	1.60	ng/ul	94
70) Phenanthrene	16.93	178	130824	12.47	ng/ul	97
72) Anthracene	17.02	178	26945m	2.57	ng/ul	
75) Carbazole	17.30	167	10220	1.16	ng/ul#	89
76) Di-n-butylphthalate	17.87	149	47901	3.87	ng/ul#	96
77) Fluoranthene	18.97	202	144032	12.38	ng/ul#	95
80) Pyrene	19.33	202	127217	12.25	ng/ul#	94
81) Butylbenzylphthalate	20.24	149	40938	10.16	ng/ul#	85
83) Benzo(a)anthracene	21.09	228	53233	6.75	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.04	149	2097226	432.55	ng/ul#	64
85) Chrysene	21.14	228	60526	8.54	ng/ul	94
88) Benzo(b)fluoranthene	22.63	252	91149m	9.46	ng/ul	
89) Benzo(k)fluoranthene	22.65	252	35683m	3.86	ng/ul	
91) Benzo(a)pyrene	23.19	252	54853m	6.52	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.48	276	33912m	3.26	ng/ul	

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018292.D
Acq On : 6 Aug 2015 3:51
Operator : UM/TP
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Aug 06 06:44:02 2015
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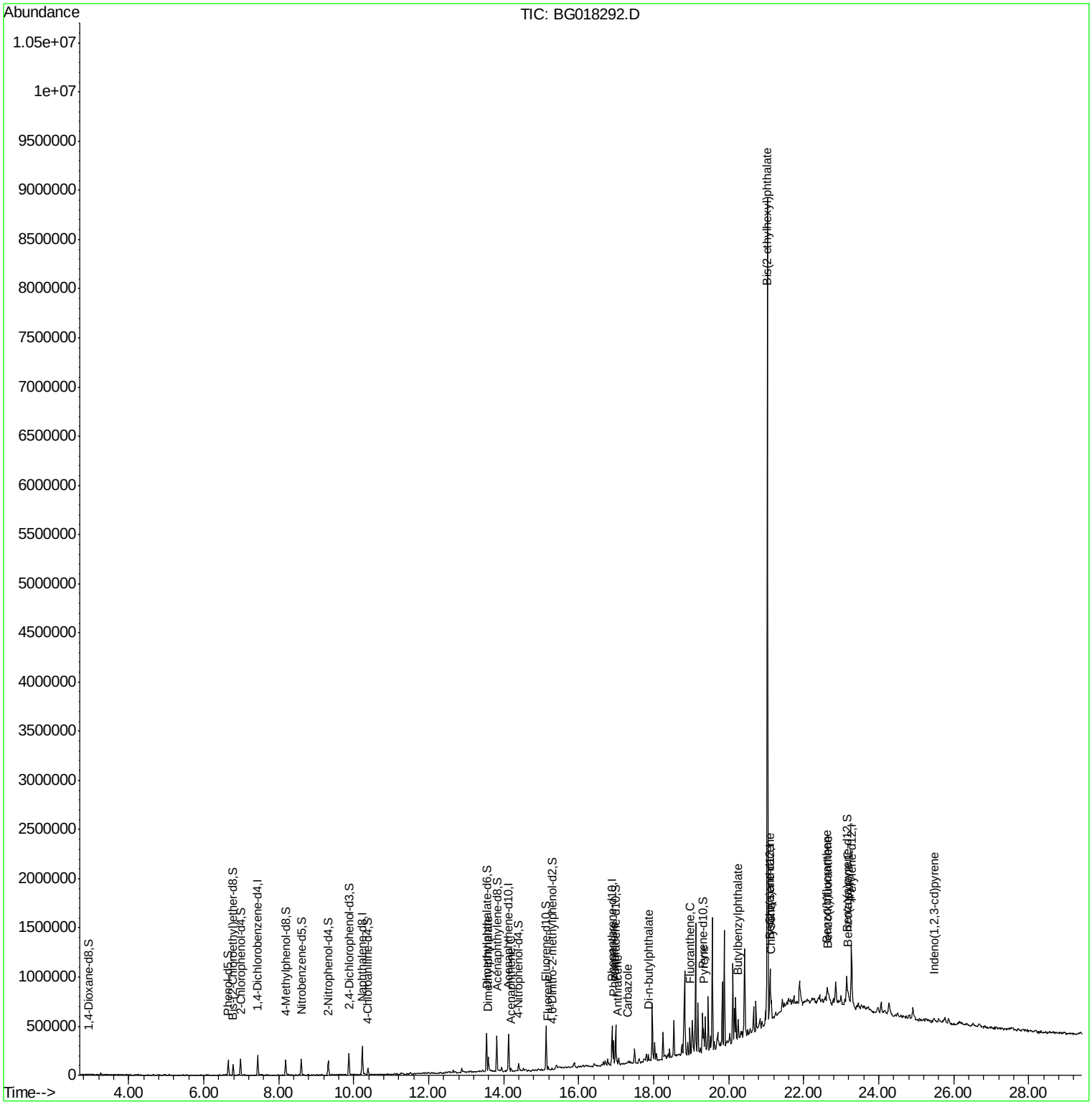
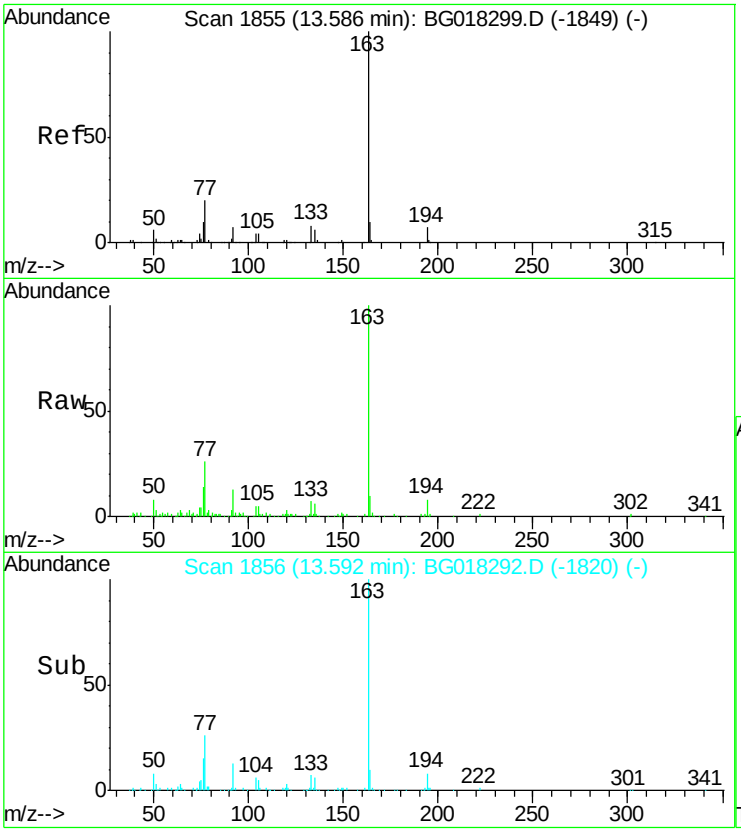
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



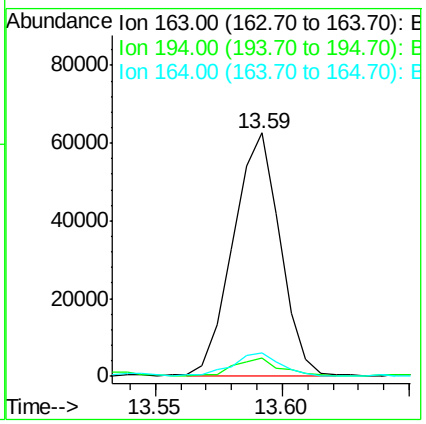


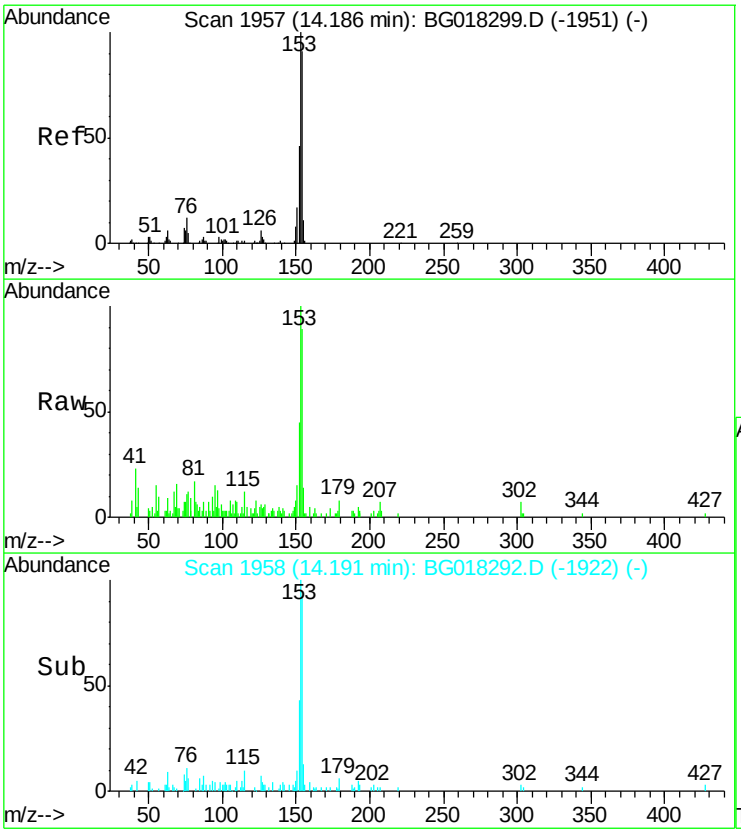
#45
Dimethylphthalate
Concen: 8.45 ng/ul
RT: 13.59 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Instrument :
BNA_G
ClientSampleId :
C01W7RE

Tgt Ion:163 Resp: 80241

Ion	Ratio	Lower	Upper
163	100		
194	7.6	5.4	8.2
164	9.5	7.8	11.8

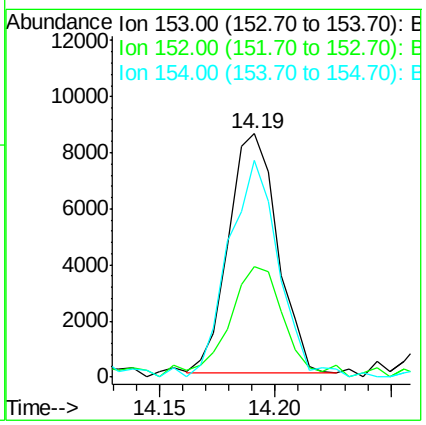


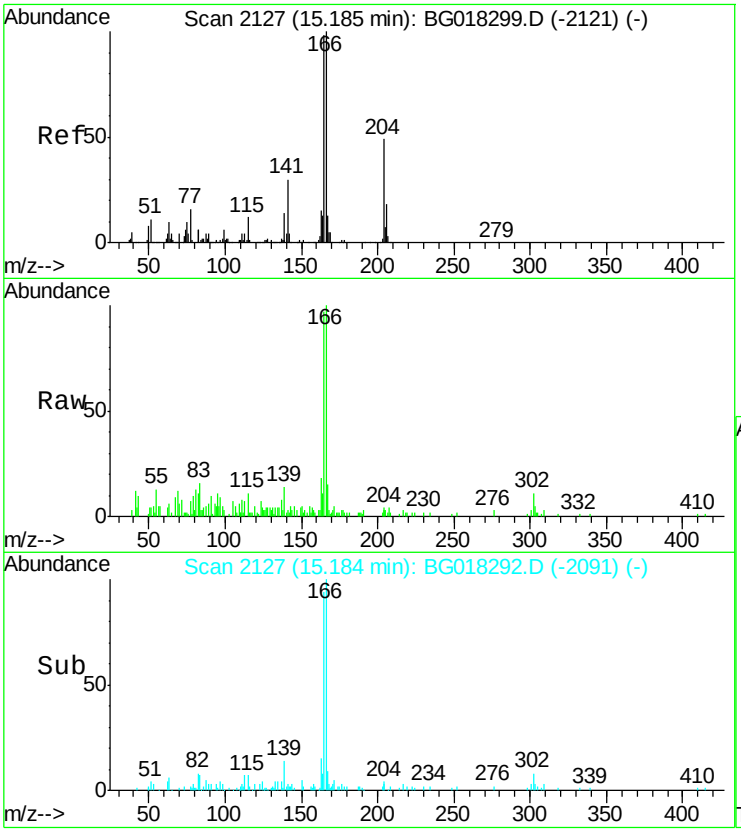


#50
Acenaphthene
Concen: 1.76 ng/ul
RT: 14.19 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Tgt Ion:153 Resp: 12691

Ion	Ratio	Lower	Upper
153	100		
152	45.2	39.0	58.4
154	89.2	77.4	116.2



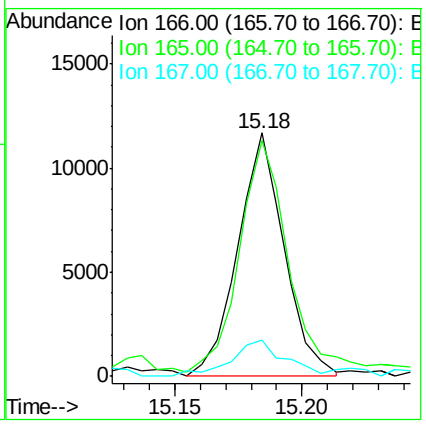


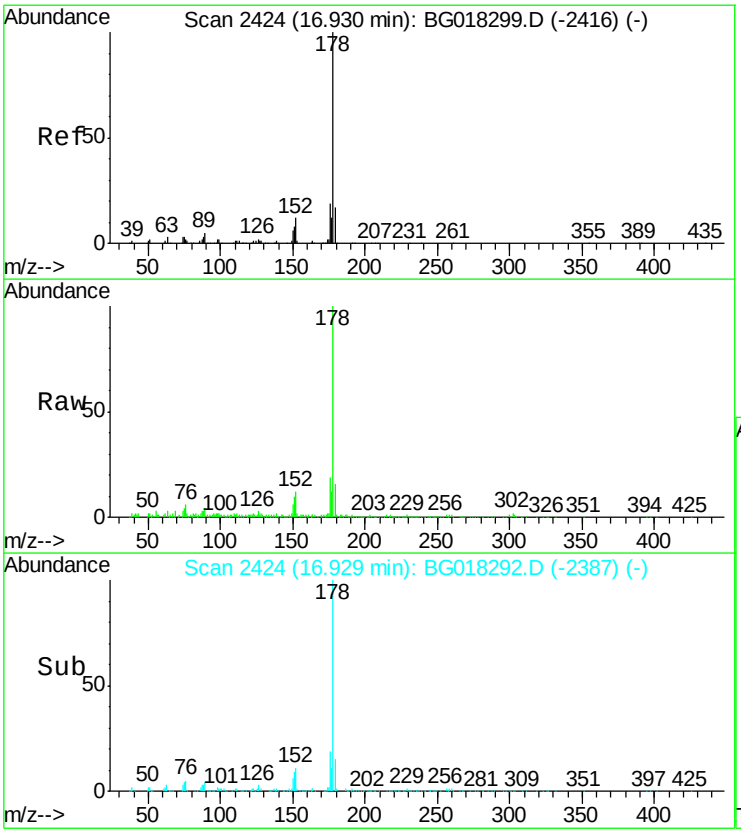
#59
Fluorene
Concen: 1.60 ng/ul
RT: 15.18 min Scan# 2127
Delta R.T. 0.01 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Instrument :
BNA_G
ClientSampleId :
C01W7RE

Tgt Ion:166 Resp: 14927

Ion	Ratio	Lower	Upper
166	100		
165	96.8	72.4	108.6
167	15.0	11.4	17.0

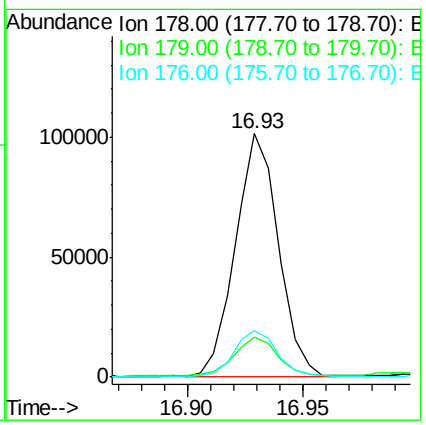


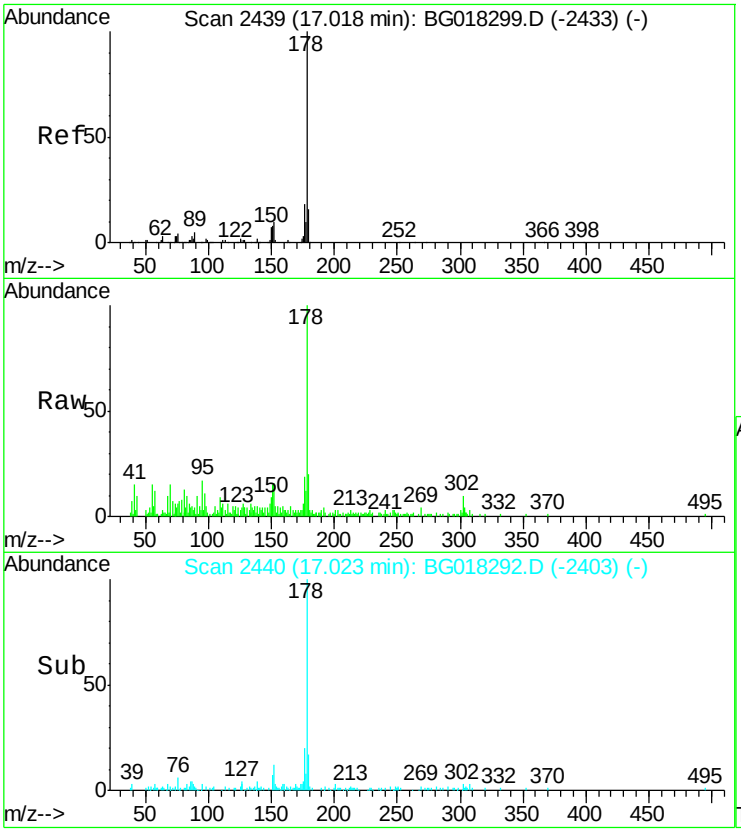


#70
Phenanthrene
Concen: 12.47 ng/ul
RT: 16.93 min Scan# 2424
Delta R.T. 0.02 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Tgt Ion:178 Resp: 130824

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	19.3	14.5	21.7



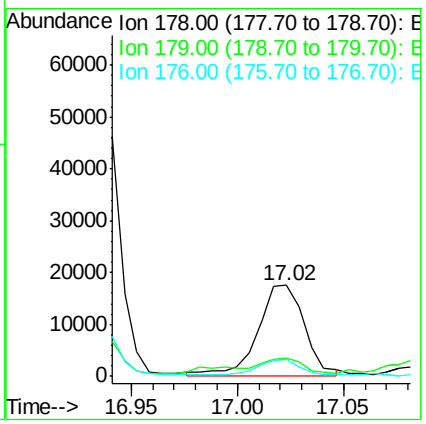


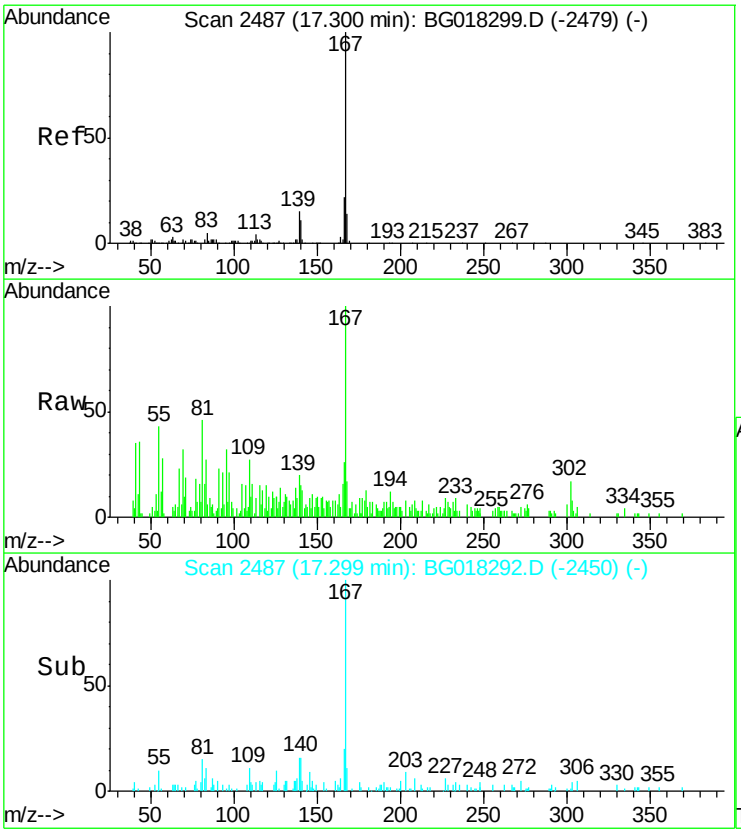
#72
Anthracene
Concen: 2.57 ng/ul m
RT: 17.02 min Scan# 2440
Delta R.T. 0.02 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Instrument :
BNA_G
ClientSampleId :
C01W7RE

Tgt Ion:178 Resp: 26945

Ion	Ratio	Lower	Upper
178	100		
179	19.9	12.2	18.4#
176	19.3	15.3	22.9

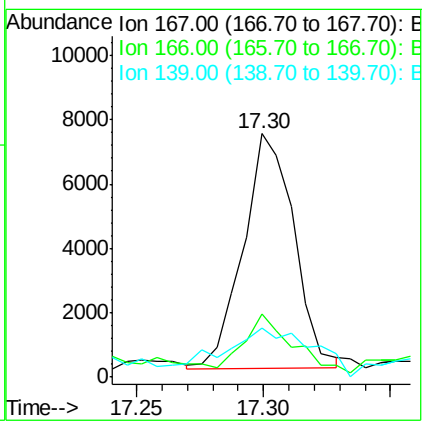


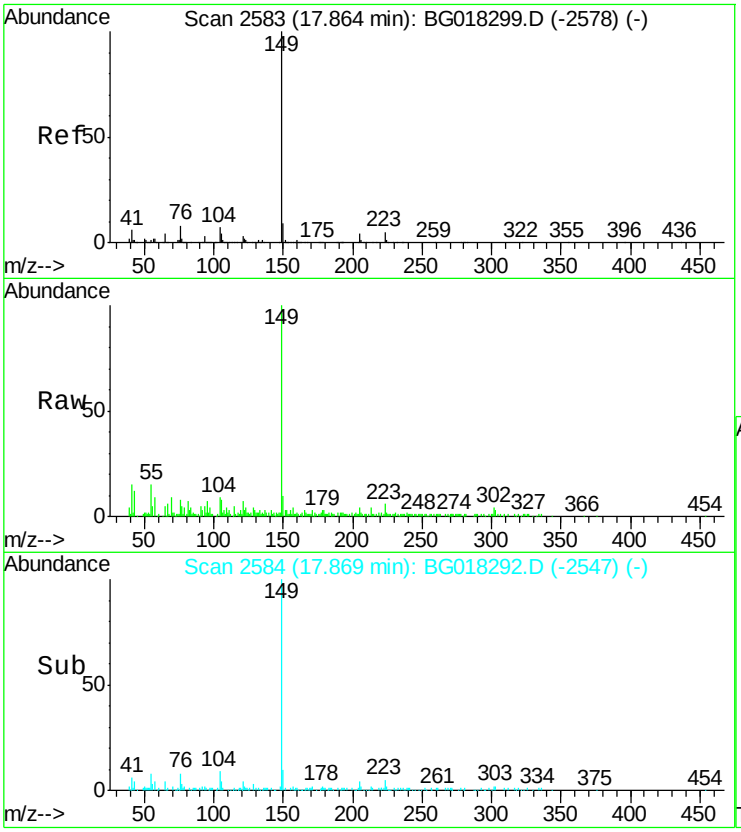


#75
Carbazole
Concen: 1.16 ng/ul
RT: 17.30 min Scan# 2487
Delta R.T. 0.02 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Tgt Ion:167 Resp: 10220

Ion	Ratio	Lower	Upper
167	100		
166	25.8	17.8	26.8
139	19.9	10.6	16.0#



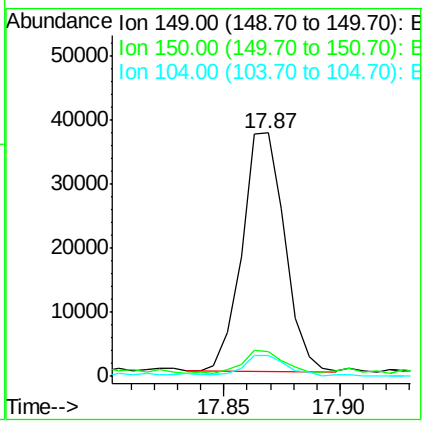


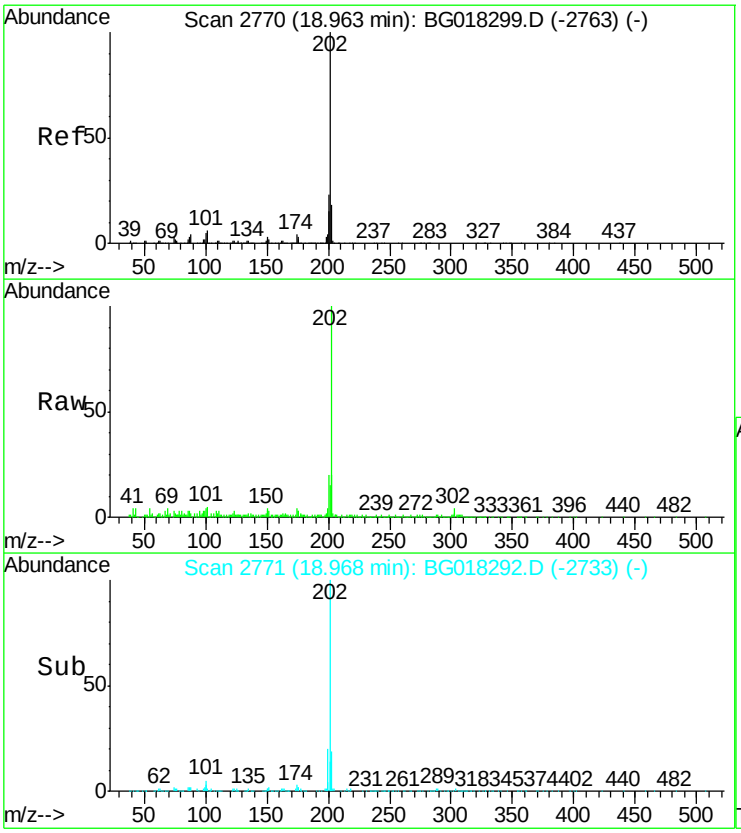
#76
Di-n-butylphthalate
Concen: 3.87 ng/ul
RT: 17.87 min Scan# 2584
Delta R.T. 0.02 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Instrument :
BNA_G
ClientSampleId :
C01W7RE

Tgt Ion:149 Resp: 47901

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.4	11.2
104	8.5	5.5	8.3#

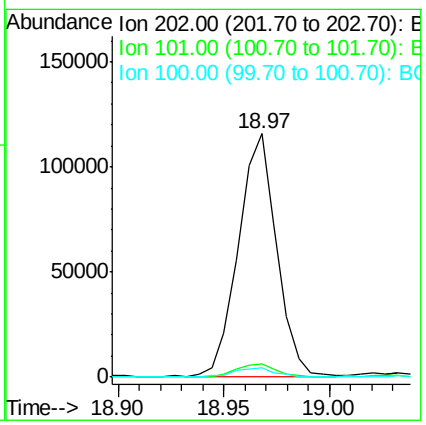


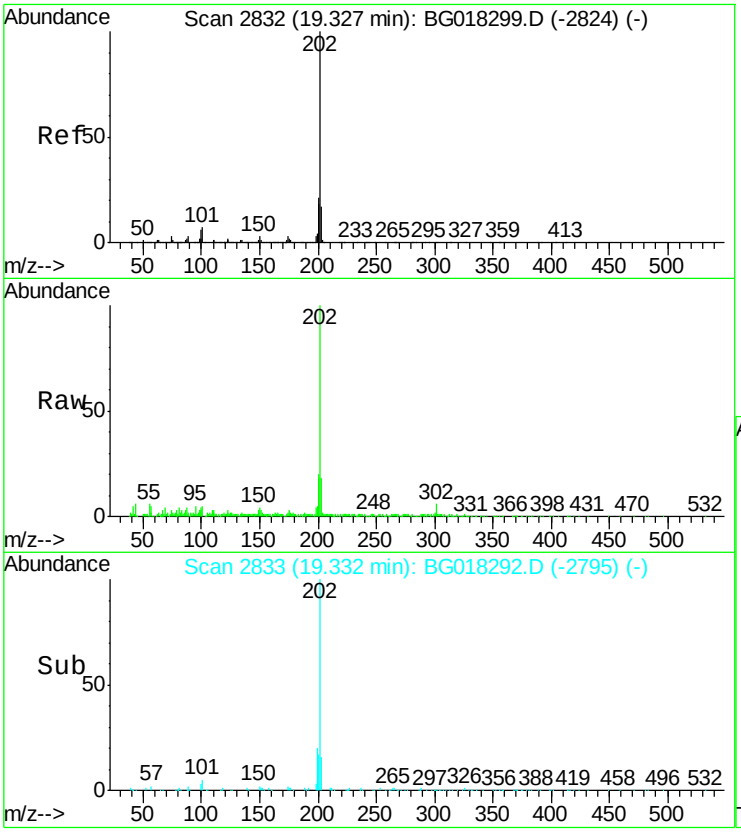


#77
Fluoranthene
Concen: 12.38 ng/ul
RT: 18.97 min Scan# 2771
Delta R.T. 0.02 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Tgt Ion:202 Resp: 144032

Ion	Ratio	Lower	Upper
202	100		
101	6.2	6.2	9.2
100	3.9	4.6	6.8#



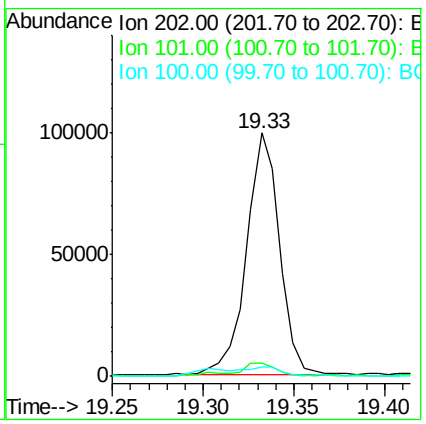


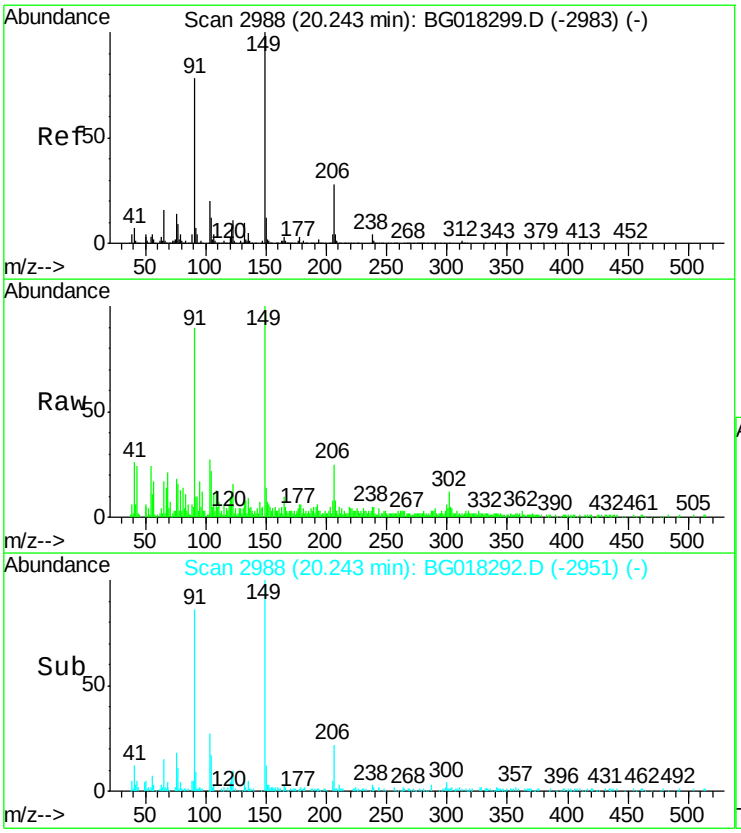
#80
Pyrene
Concen: 12.25 ng/ul
RT: 19.33 min Scan# 2833
Delta R.T. 0.02 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Instrument :
BNA_G
ClientSampleId :
C01W7RE

Tgt Ion:202 Resp: 127217

Ion	Ratio	Lower	Upper
202	100		
101	5.4	6.2	9.2#
100	4.1	4.6	7.0#

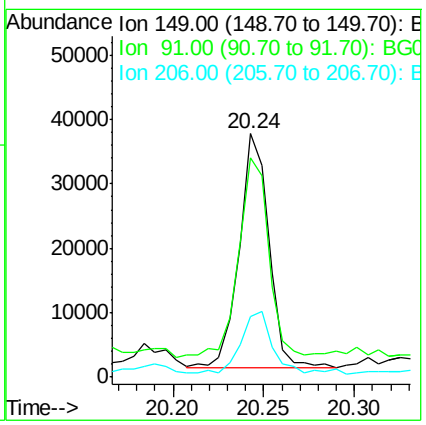


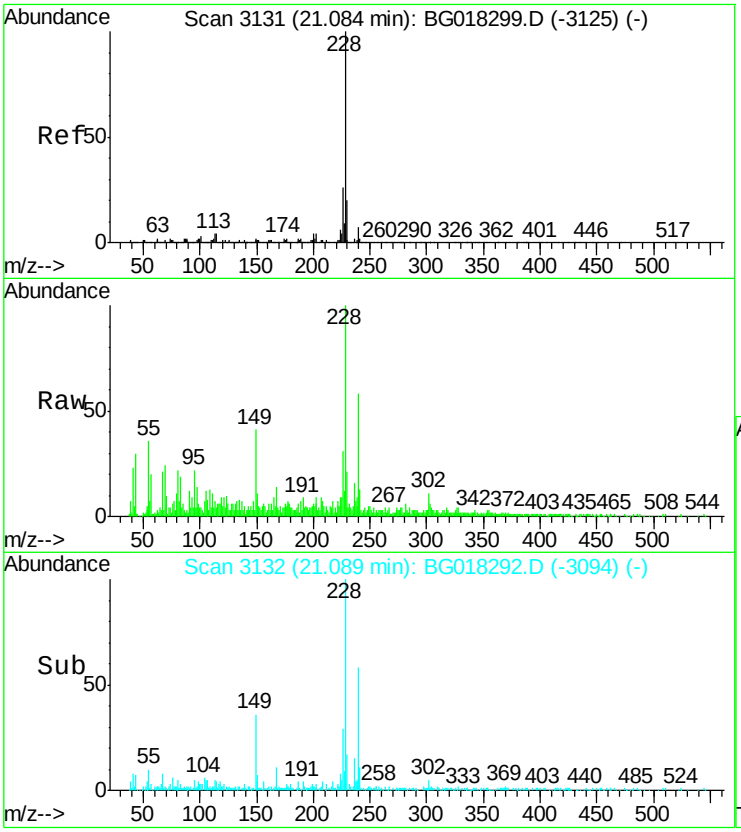


#81
Butylbenzylphthalate
Concen: 10.16 ng/ul
RT: 20.24 min Scan# 2988
Delta R.T. 0.02 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Tgt Ion:149 Resp: 40938

Ion	Ratio	Lower	Upper
149	100		
91	89.9	58.2	87.2#
206	24.7	19.9	29.9



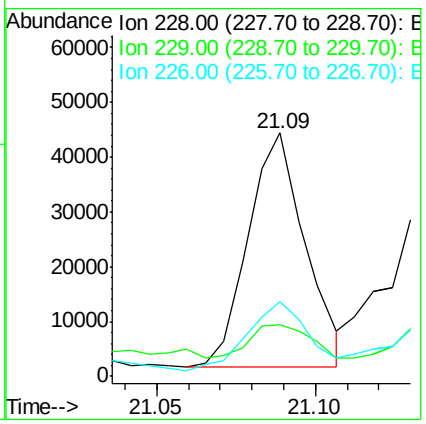


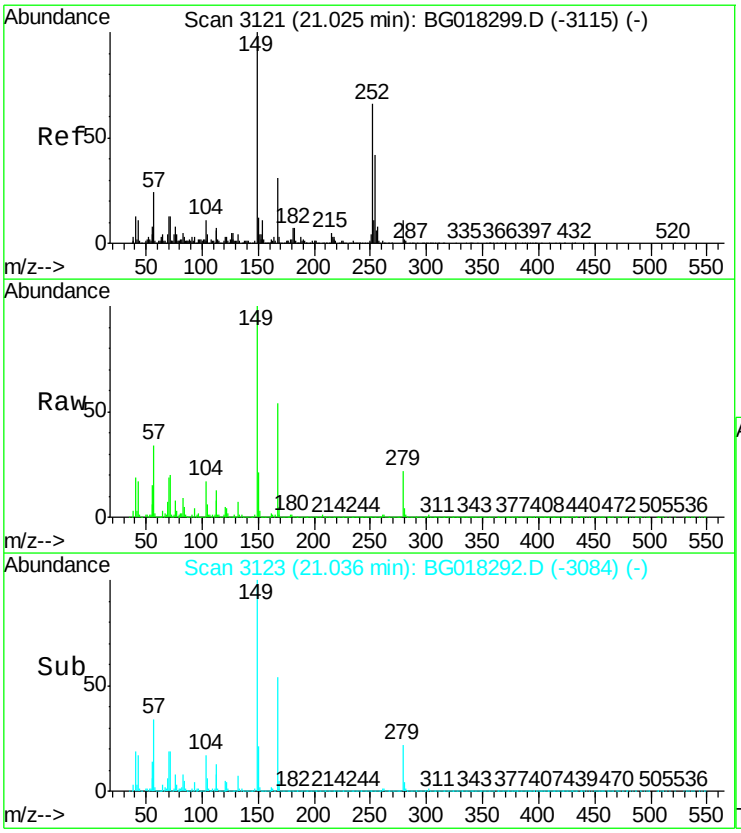
#83
Benzo(a)anthracene
Concen: 6.75 ng/ul
RT: 21.09 min Scan# 3132
Delta R.T. 0.02 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Instrument :
BNA_G
ClientSampleId :
C01W7RE

Tgt Ion:228 Resp: 53233

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.3	24.5
226	30.6	21.2	31.8

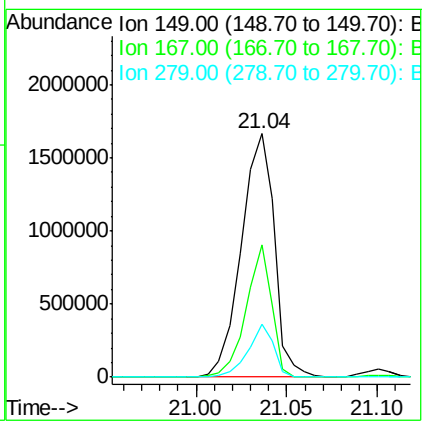


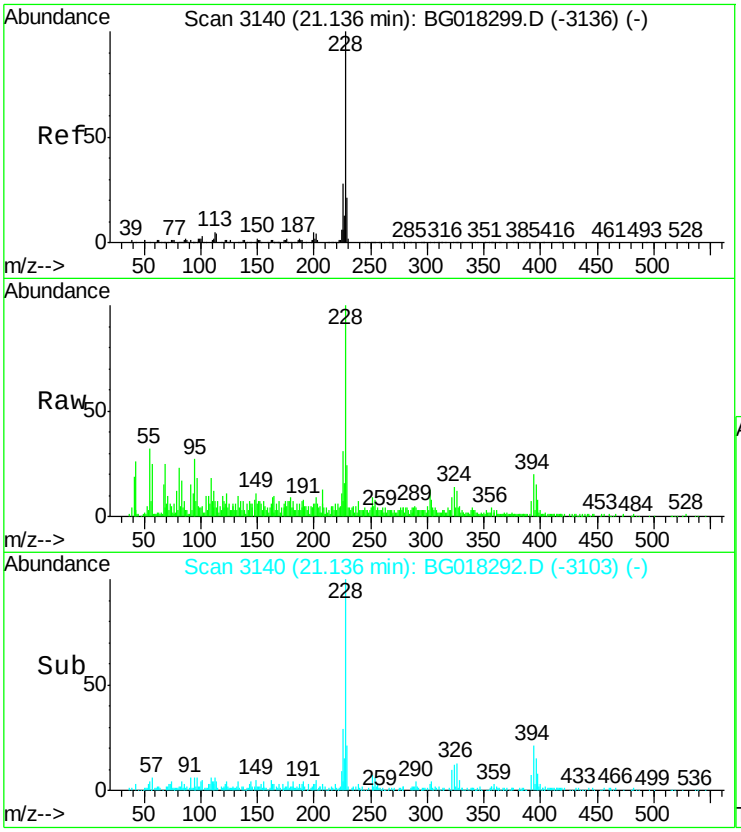


#84
Bis(2-ethylhexyl)phthalate
Concen: 432.55 ng/ul
RT: 21.04 min Scan# 3123
Delta R.T. 0.03 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Tgt Ion:149 Resp: 2097226

Ion	Ratio	Lower	Upper
149	100		
167	54.3	26.4	39.6#
279	21.7	8.6	12.8#



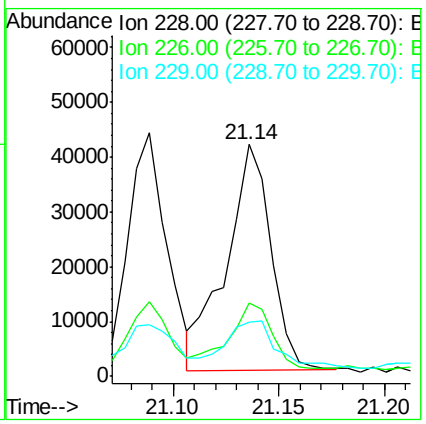


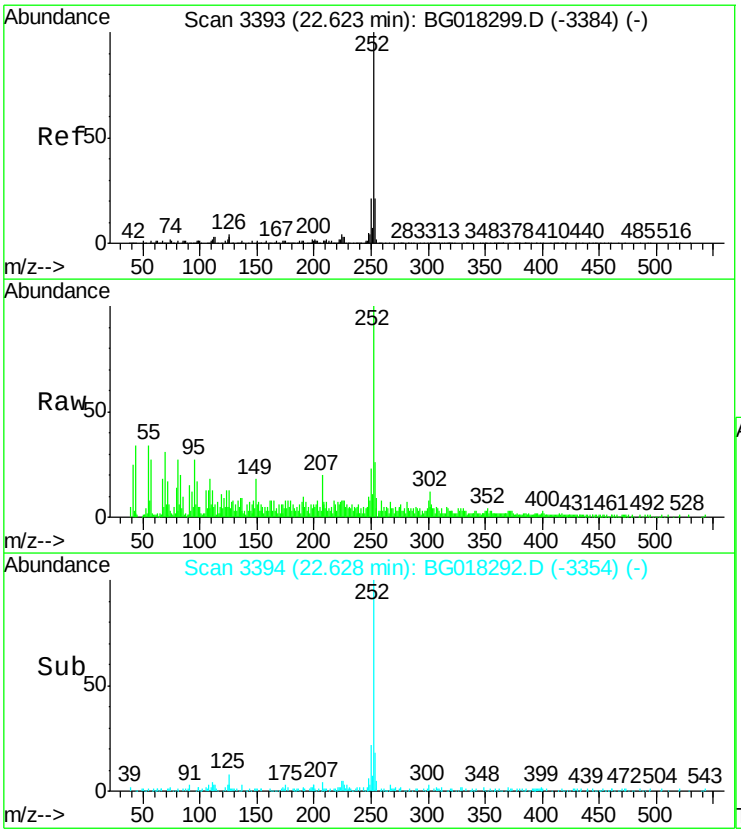
#85
Chrysene
Concen: 8.54 ng/ul
RT: 21.14 min Scan# 3140
Delta R.T. 0.02 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Instrument :
BNA_G
ClientSampleId :
C01W7RE

Tgt Ion:228 Resp: 60526

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.0	34.6
229	23.6	15.9	23.9

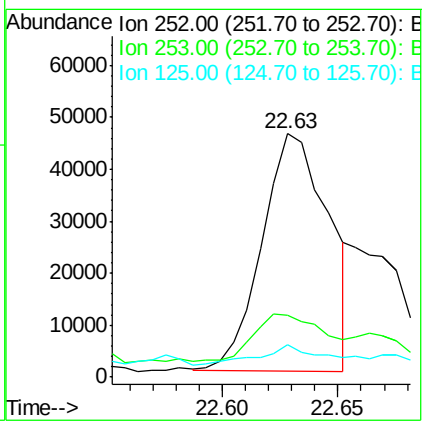


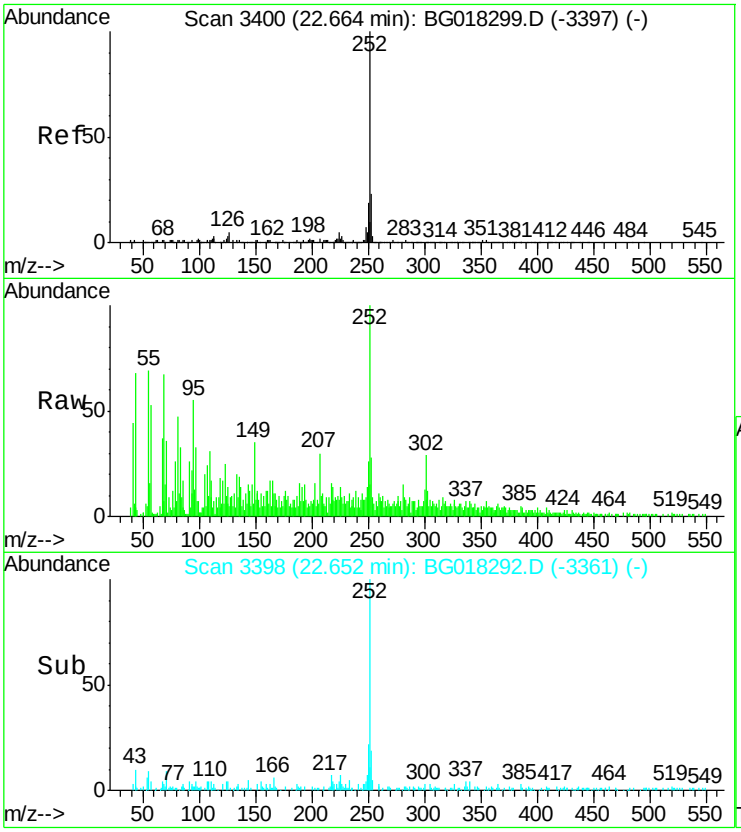


#88
Benzo(b)fluoranthene
Concen: 9.46 ng/ul m
RT: 22.63 min Scan# 3394
Delta R.T. 0.03 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Tgt Ion:252 Resp: 91149

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.1	27.1
125	13.2	3.1	4.7#



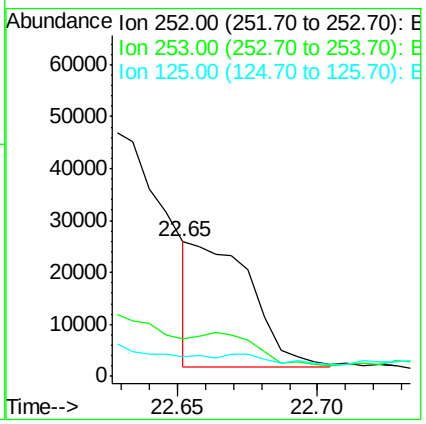


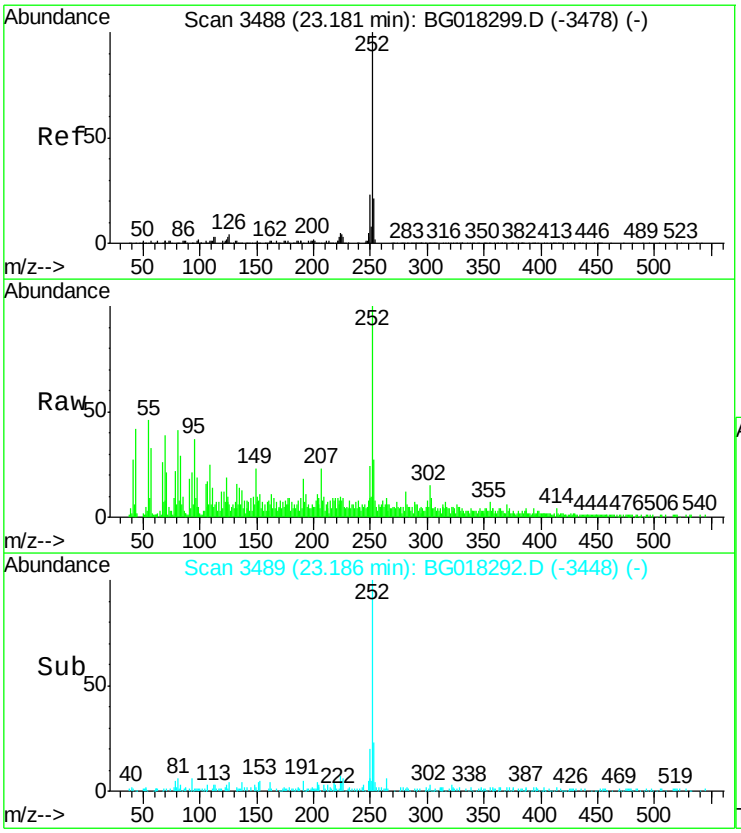
#89
Benzo(k)fluoranthene
Concen: 3.86 ng/ul m
RT: 22.65 min Scan# 3398
Delta R.T. 0.02 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Instrument :
BNA_G
ClientSampleId :
C01W7RE

Tgt Ion:252 Resp: 35683

Ion	Ratio	Lower	Upper
252	100		
253	27.5	16.4	24.6#
125	14.3	3.4	5.2#

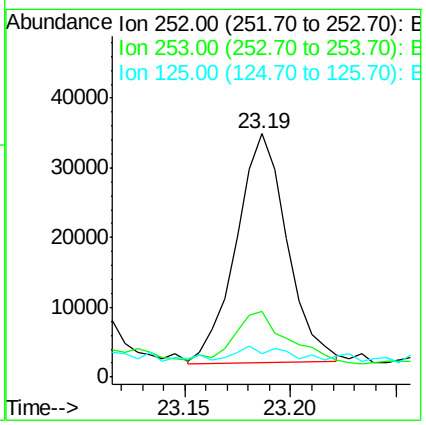


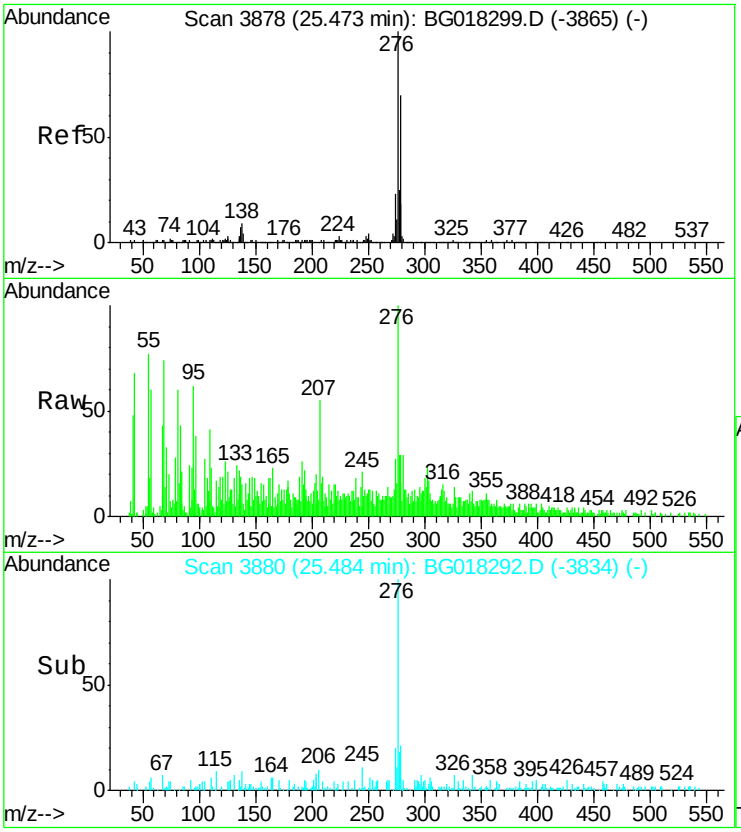


#91
Benzo(a)pyrene
Concen: 6.52 ng/ul m
RT: 23.19 min Scan# 3489
Delta R.T. 0.04 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Tgt Ion:252 Resp: 54853

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.9	28.3
125	9.6	3.2	4.8#





#92
Indeno(1,2,3-cd)pyrene
Concen: 3.26 ng/ul m
RT: 25.48 min Scan# 3880
Delta R.T. 0.07 min
Lab File: BG018292.D
Acq: 6 Aug 2015 3:51

Instrument :
BNA_G
ClientSampleId :
C01W7RE

Tgt Ion:276 Resp: 33912

Ion	Ratio	Lower	Upper
276	100		
138	14.5	8.2	12.4#
277	29.2	20.1	30.1