Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060216\
Data File : BG022153.D
Acq On : 2 Jun 2016 14:50
Operator : UM/SJ
Sample : H3302-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB202

Quant Time: Jun 03 01:09:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 03 01:08:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38112	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	205086	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	133405	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	287090	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	260282	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	250681	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	422	0.58	ng/uL	0.00
5) Phenol-d5	7.30	99	24110	7.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	13393	7.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	24425	8.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	23094	7.91	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	11597	7.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	11493	7.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	22181	7.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	2975	0.95	ng/ul	0.02
43) Dimethylphthalate-d6	14.15	166	84107	8.39	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	134610	9.62	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	324	0.19	ng/ul	0.03
57) Fluorene-d10	15.75	176	93698	9.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	2812	1.87	ng/ul	0.00
70) Anthracene-d10	17.60	188	141274	10.25	ng/ul	0.00
76) Pyrene-d10	19.88	212	143271	9.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	117645	10.11	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.21	163	20770	2.06	ng/ul#	97
54) 2,4-Dinitrotoluene	14.76	165	17831	6.12	ng/ul#	46
69) Phenanthrene	17.55	178	62563	3.92	ng/ul	97
71) Anthracene	17.64	178	31496	1.95	ng/ul	98
74) Fluoranthene	19.55	202	146765	8.99	ng/ul	99
77) Pyrene	19.91	202	117397	6.41	ng/ul	99
80) Benzo(a)anthracene	21.76	228	81472	5.34	ng/ul	97
82) Chrysene	21.83	228	63133	4.31	ng/ul	97
85) Benzo(b)fluoranthene	24.31	252	15844	1.08	ng/ul	99
86) Benzo(k)fluoranthene	24.31	252	15844	1.11	ng/ul	95
88) Benzo(a)pyrene	24.93	252	51152	3.61	ng/ul	98

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

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Misc :
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Instrument : BNA_G
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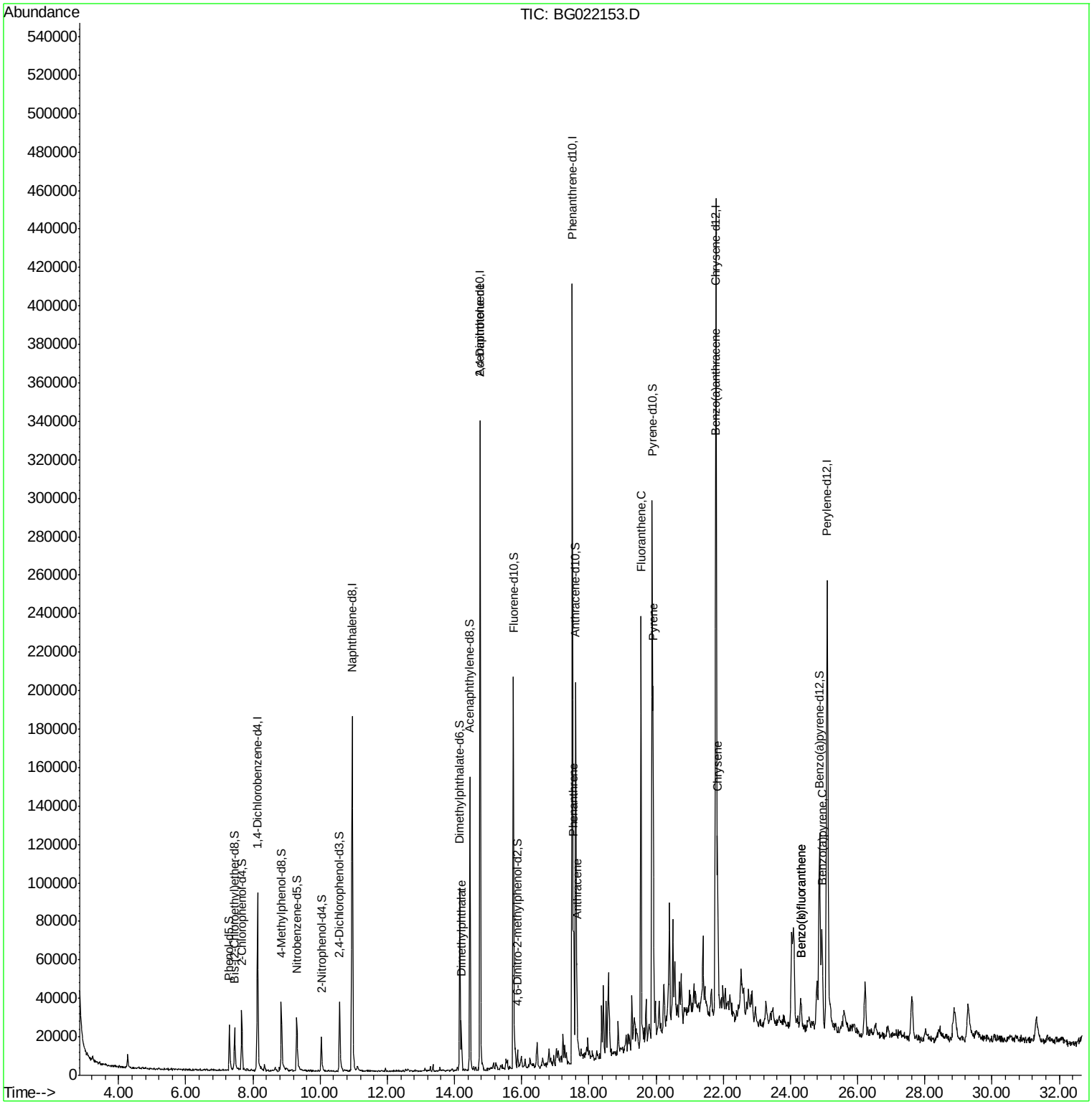
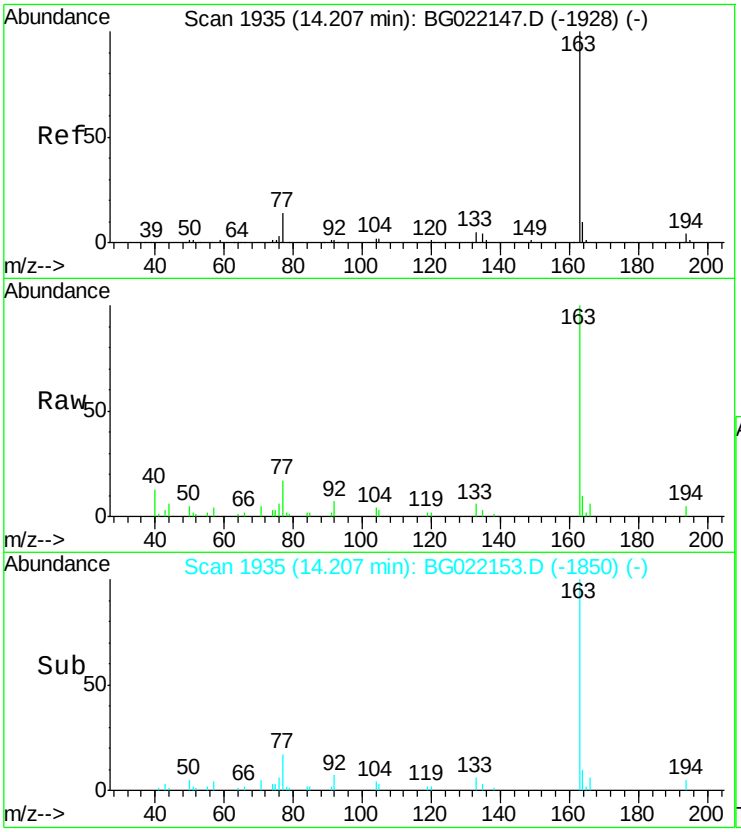


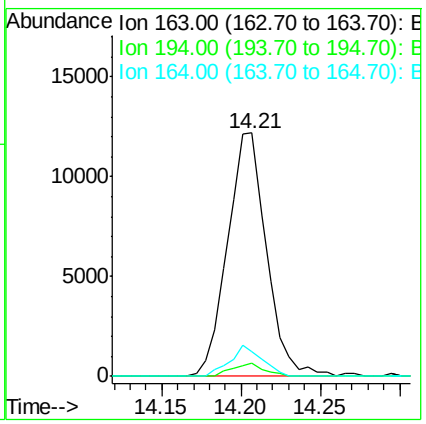


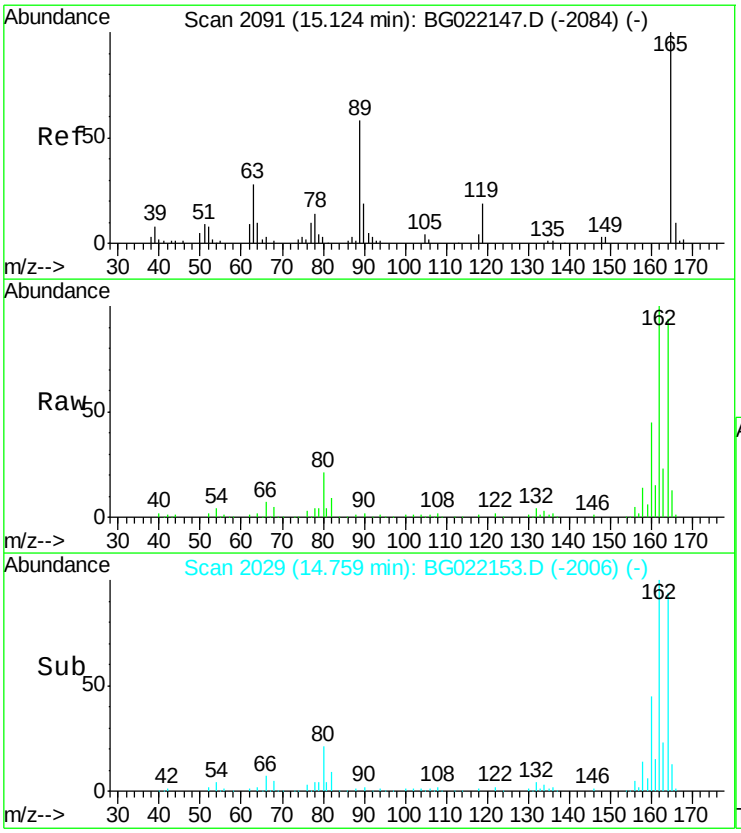
#44
Dimethylphthalate
Concen: 2.06 ng/ul
RT: 14.21 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Instrument :
BNA_G
ClientSampleId :
CB202

Tgt Ion:163 Resp: 20770

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	10.0	8.8	13.2

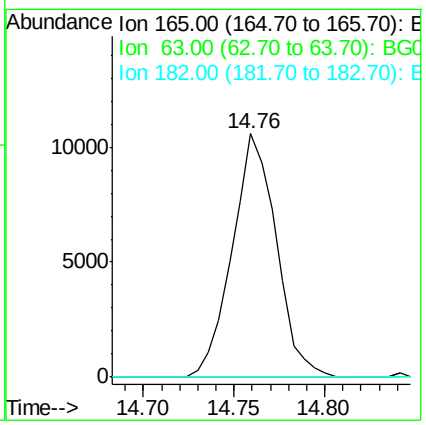


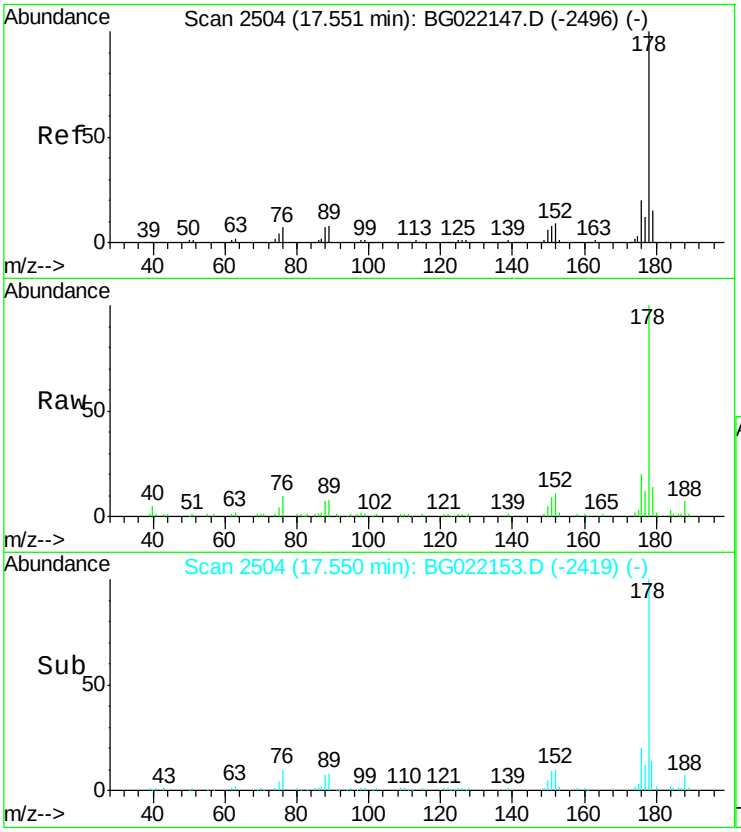


#54
2,4-Dinitrotoluene
Concen: 6.12 ng/ul
RT: 14.76 min Scan# 2029
Delta R.T. -0.36 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Tgt Ion:165 Resp: 17831

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.7	38.5#
182	0.0	2.1	3.1#



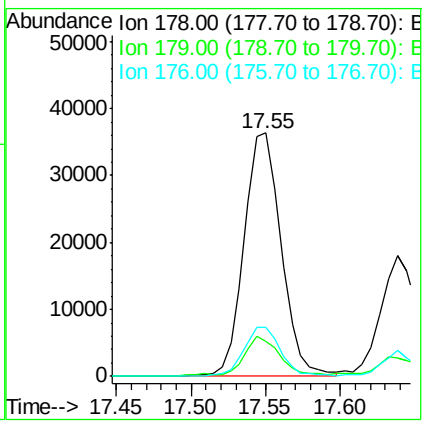


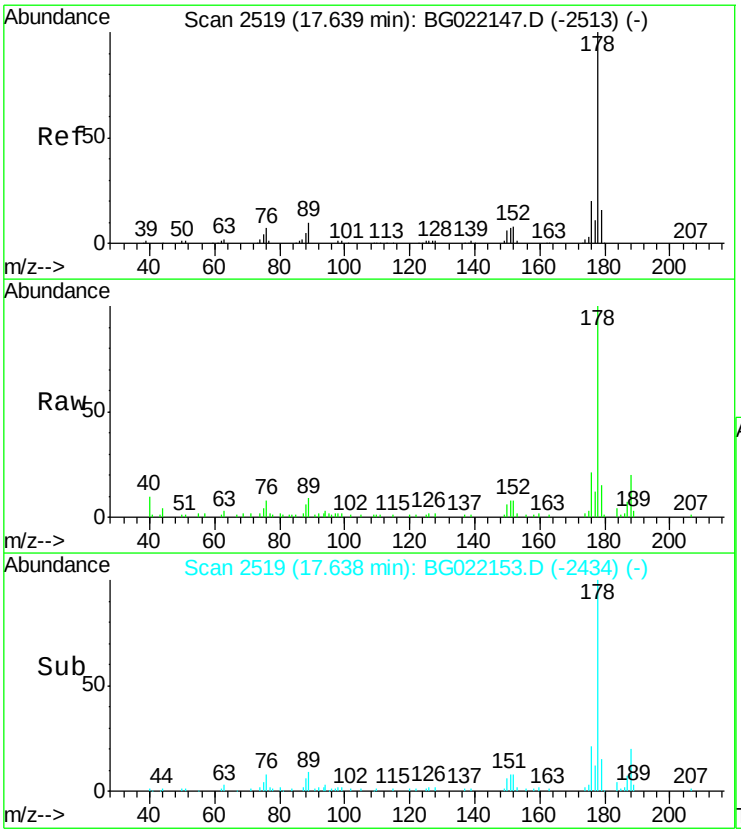
#69
Phenanthrene
Concen: 3.92 ng/ul
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Instrument :
BNA_G
ClientSampleId :
CB202

Tgt Ion:178 Resp: 62563

Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.9	19.3
176	20.4	15.8	23.8

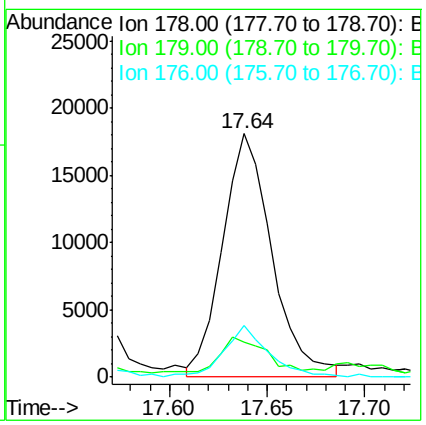


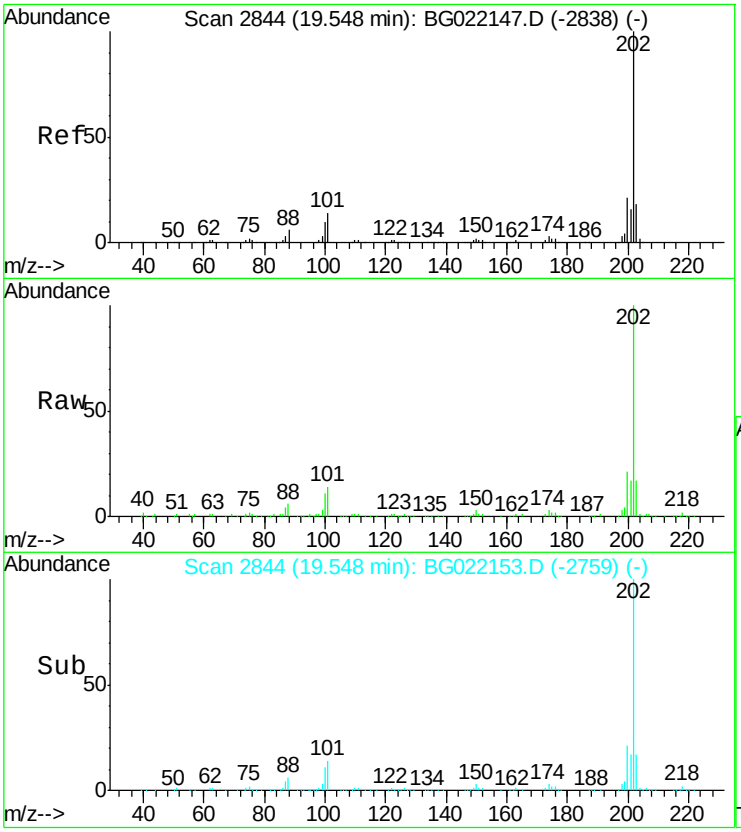


#71
Anthracene
Concen: 1.95 ng/ul
RT: 17.64 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Tgt Ion:178 Resp: 31496

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	21.1	16.3	24.5



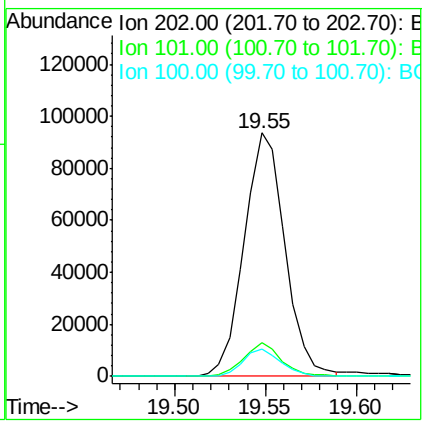


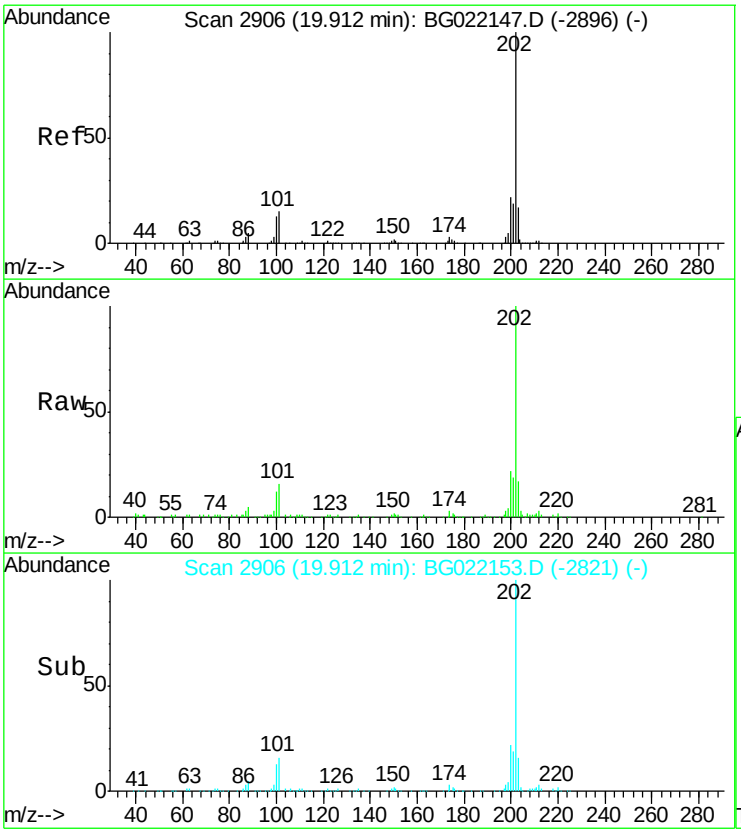
#74
Fluoranthene
Concen: 8.99 ng/ul
RT: 19.55 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Instrument :
BNA_G
ClientSampleId :
CB202

Tgt Ion:202 Resp: 146765

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.6	16.0
100	11.0	8.7	13.1

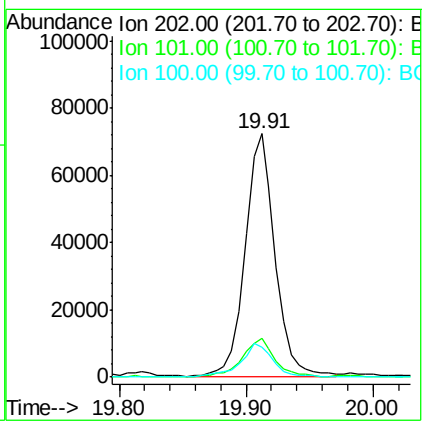


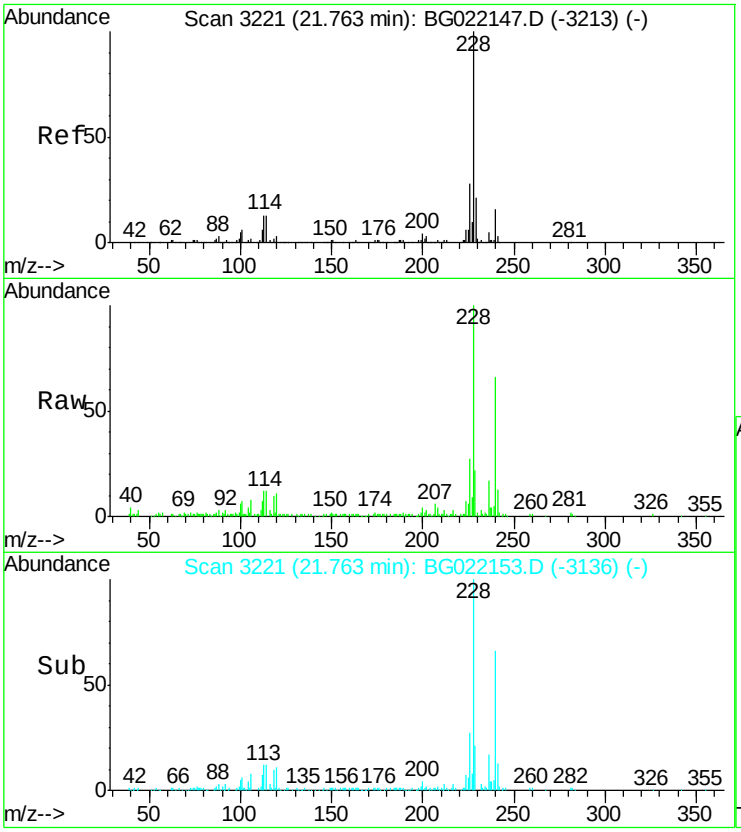


#77
Pyrene
Concen: 6.41 ng/ul
RT: 19.91 min Scan# 2906
Delta R.T. -0.00 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Tgt Ion:202 Resp: 117397

Ion	Ratio	Lower	Upper
202	100		
101	16.1	12.5	18.7
100	12.5	10.2	15.4



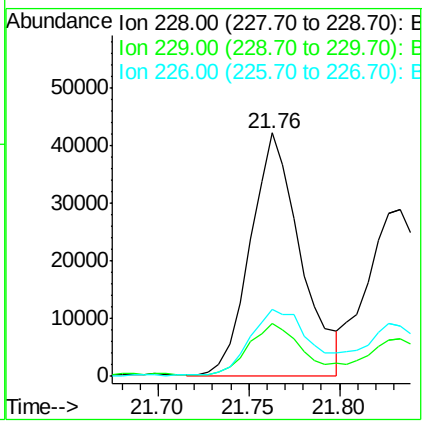


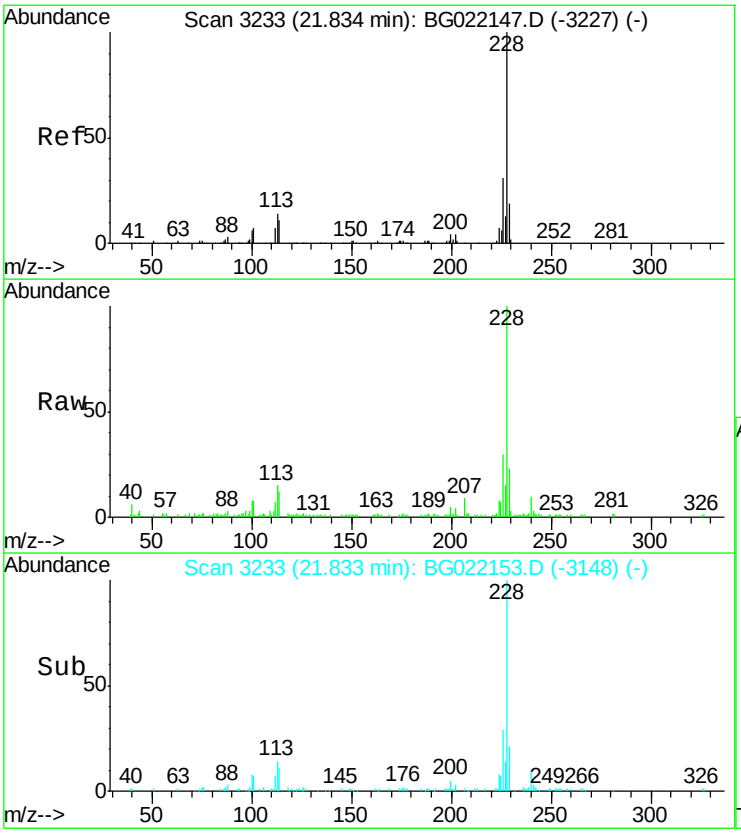
#80
Benzo(a)anthracene
Concen: 5.34 ng/ul
RT: 21.76 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Instrument :
BNA_G
ClientSampleId :
CB202

Tgt Ion:228 Resp: 81472

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.4	23.2
226	27.4	22.8	34.2

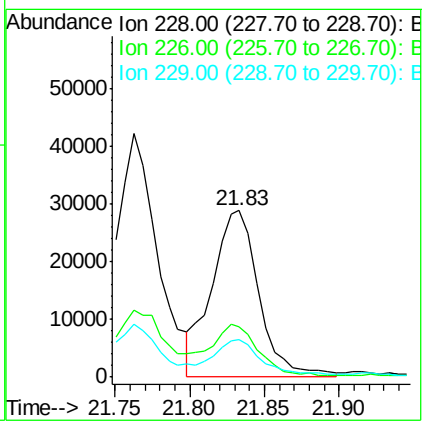


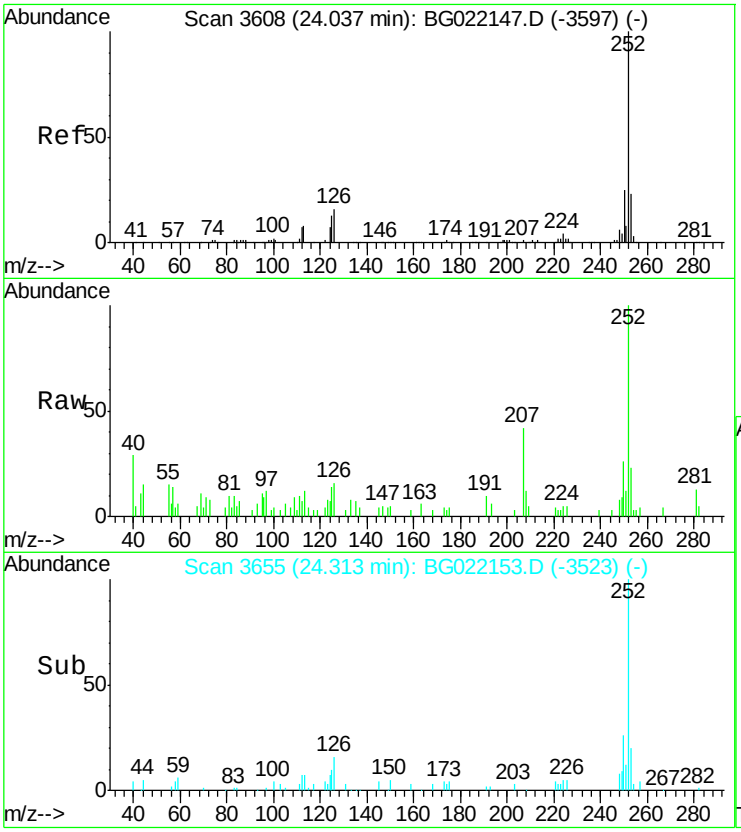


#82
Chrysene
Concen: 4.31 ng/ul
RT: 21.83 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Tgt Ion:228 Resp: 63133

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	22.5	15.0	22.6



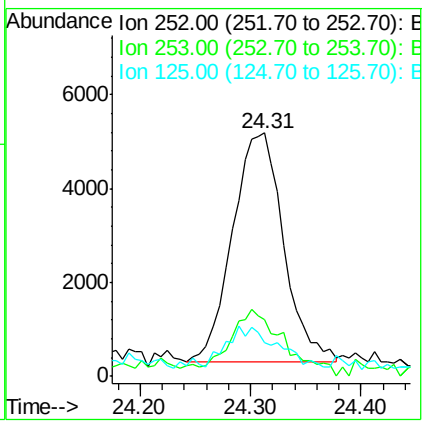


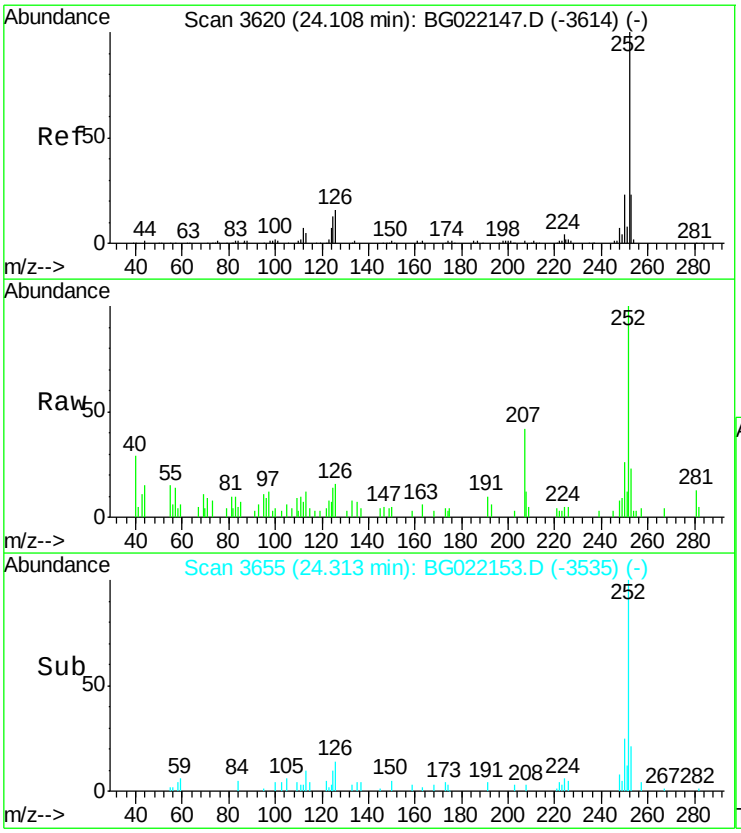
#85
Benzo(b)fluoranthene
Concen: 1.08 ng/ul
RT: 24.31 min Scan# 3655
Delta R.T. 0.28 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Instrument :
BNA_G
ClientSampleId :
CB202

Tgt Ion:252 Resp: 15844

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	13.6	10.8	16.2

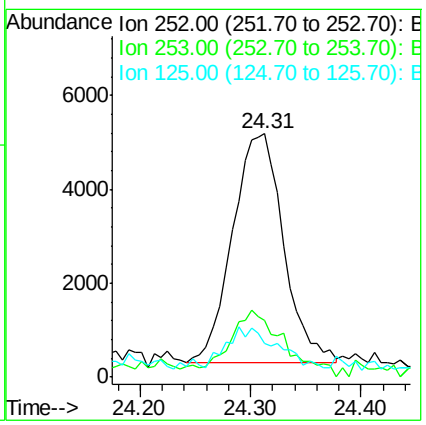


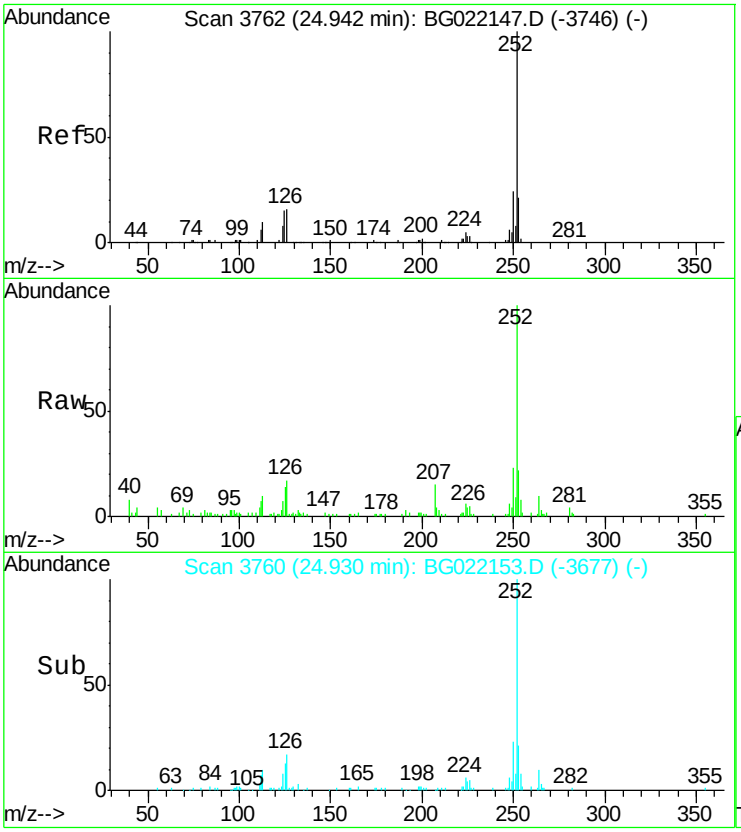


#86
Benzo(k)fluoranthene
Concen: 1.11 ng/ul
RT: 24.31 min Scan# 3655
Delta R.T. 0.21 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Tgt Ion:252 Resp: 15844

Ion	Ratio	Lower	Upper
252	100		
253	23.4	15.8	23.6
125	13.6	10.6	16.0





#88
Benzo(a)pyrene
Concen: 3.61 ng/ul
RT: 24.93 min Scan# 3760
Delta R.T. -0.01 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Instrument :
BNA_G
ClientSampleId :
CB202

Tgt Ion:252 Resp: 51152

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.0	28.4
125	14.5	12.0	18.0