Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070216\
Data File : BG022794.D
Acq On : 2 Jul 2016 15:08
Operator : UM/SJ
Sample : H3752-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDHN1

Quant Time: Jul 03 00:32:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 03 00:31:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	153136	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	670450	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	518383	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1232882	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1375603	20.00	ng/ul	0.01
83) Perylene-d12	25.24	264	1469983	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	4693	1.71	ng/uL	0.01
5) Phenol-d5	7.31	99	257645	15.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	170110	18.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	175224	16.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	213753	17.08	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	98388	18.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	119852	18.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	232521	17.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	261473	22.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	835295	19.83	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	936292	19.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	100806	15.25	ng/ul	0.00
57) Fluorene-d10	15.79	176	801203	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	120758	15.23	ng/ul	0.00
70) Anthracene-d10	17.66	188	1142780	19.94	ng/ul	0.00
76) Pyrene-d10	19.94	212	1402874	21.35	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.01	264	1454489	20.83	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.34	94	17210	1.04	ng/ul#	87
44) Dimethylphthalate	14.24	163	105211	2.45	ng/ul	96
49) Acenaphthene	14.86	153	180415	5.46	ng/ul	88
53) Dibenzofuran	15.20	168	119938	2.35	ng/ul	90
58) Fluorene	15.85	166	139500	3.40	ng/ul	91
69) Phenanthrene	17.60	178	798606	12.66	ng/ul	99
71) Anthracene	17.69	178	314739	4.86	ng/ul	96
74) Fluoranthene	19.61	202	1492876	22.72	ng/ul#	87
77) Pyrene	19.97	202	1158302	15.04	ng/ul#	82
80) Benzo(a)anthracene	21.84	228	701469	8.69	ng/ul	99
82) Chrysene	21.90	228	561787	7.65	ng/ul	97
85) Benzo(b)fluoranthene	24.16	252	775990	8.45	ng/ul#	91
86) Benzo(k)fluoranthene	24.22	252	270594	3.14	ng/ul#	88
88) Benzo(a)pyrene	25.08	252	578582	6.63	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.09	276	272134	2.95	ng/ul#	83
91) Benzo(g,h,i)perylene	30.29	276	279943	3.87	ng/ul#	77

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

Quantitation Report (Not Reviewed)

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Data File : BG022794.D
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
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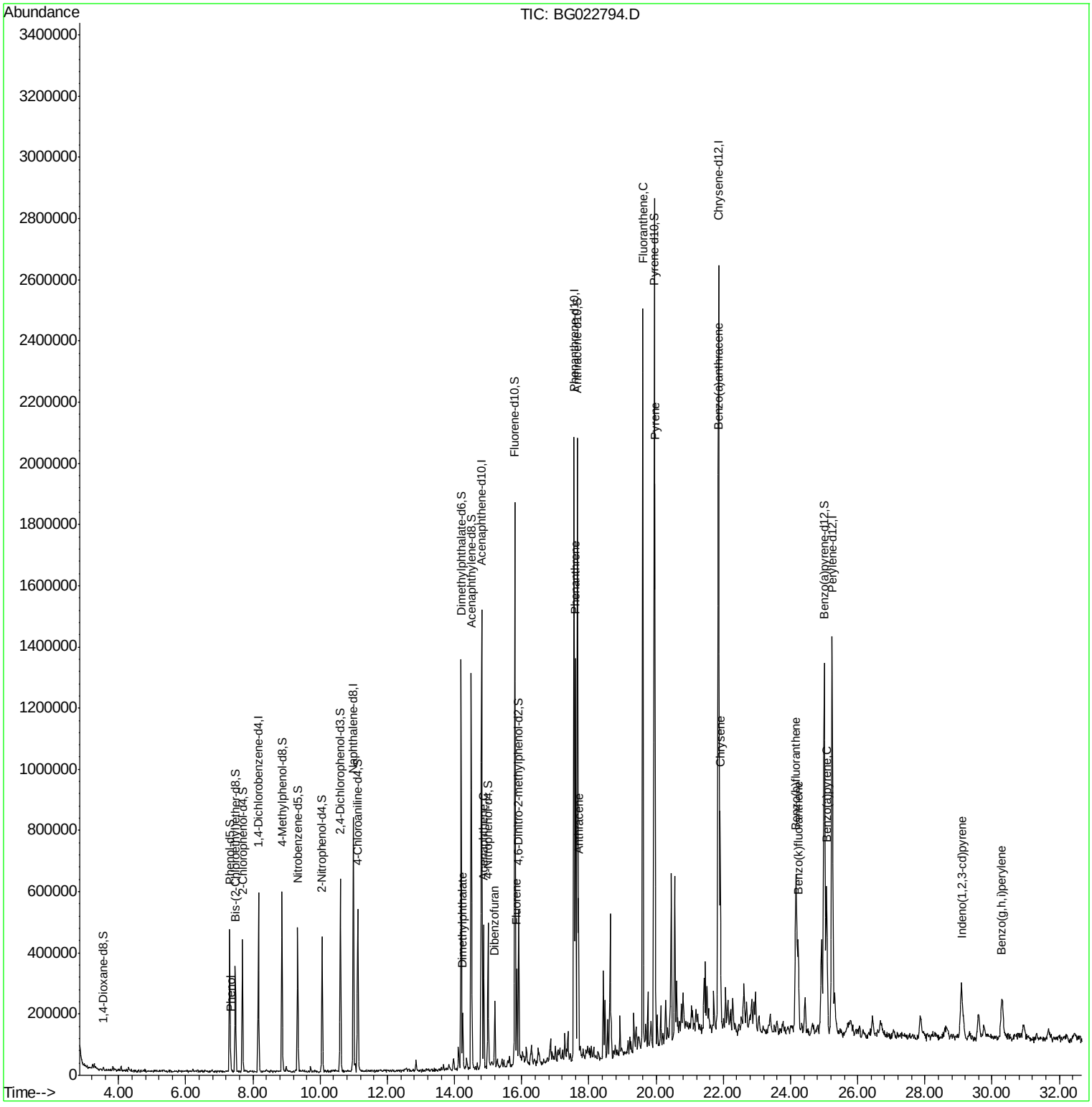
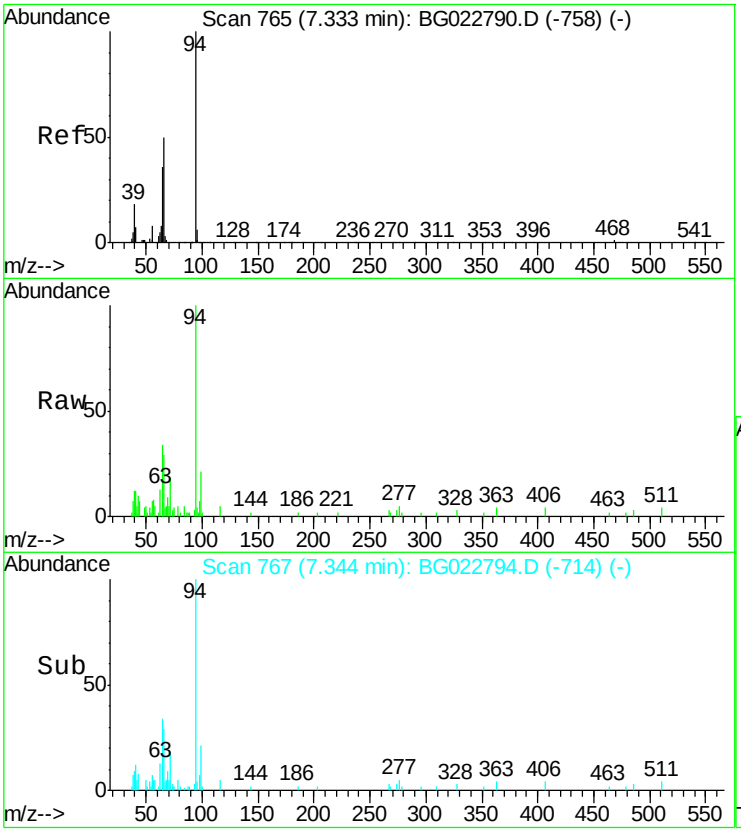
Quant Time: Jul 03 00:32:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 03 00:31:55 2016
Response via : Initial Calibration



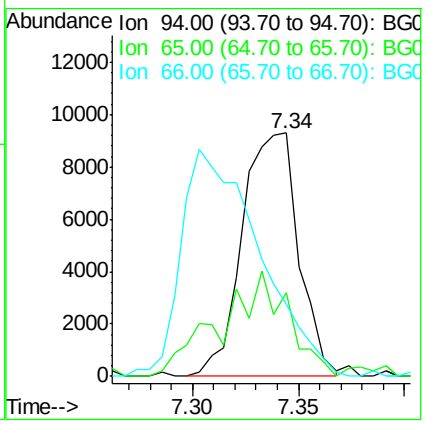


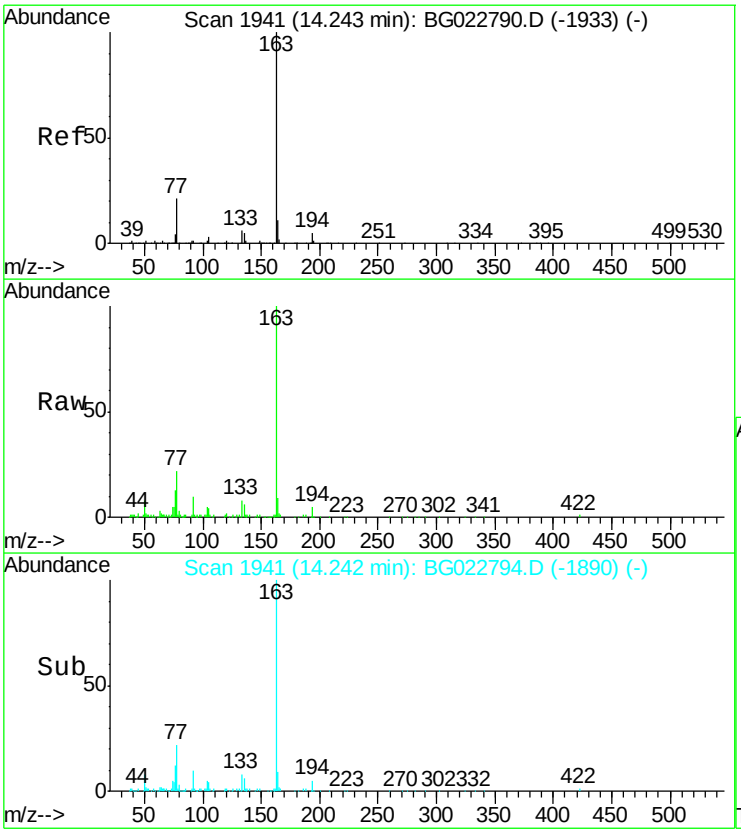
#6
Phenol
Concen: 1.04 ng/ul
RT: 7.34 min Scan# 767
Delta R.T. 0.01 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Instrument :
BNA_G
ClientSampleId :
BDHN1

Tgt Ion: 94 Resp: 17210

Ion	Ratio	Lower	Upper
94	100		
65	34.3	16.8	25.2#
66	29.4	22.6	33.8

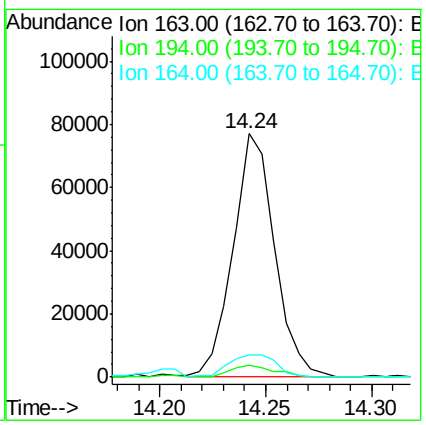


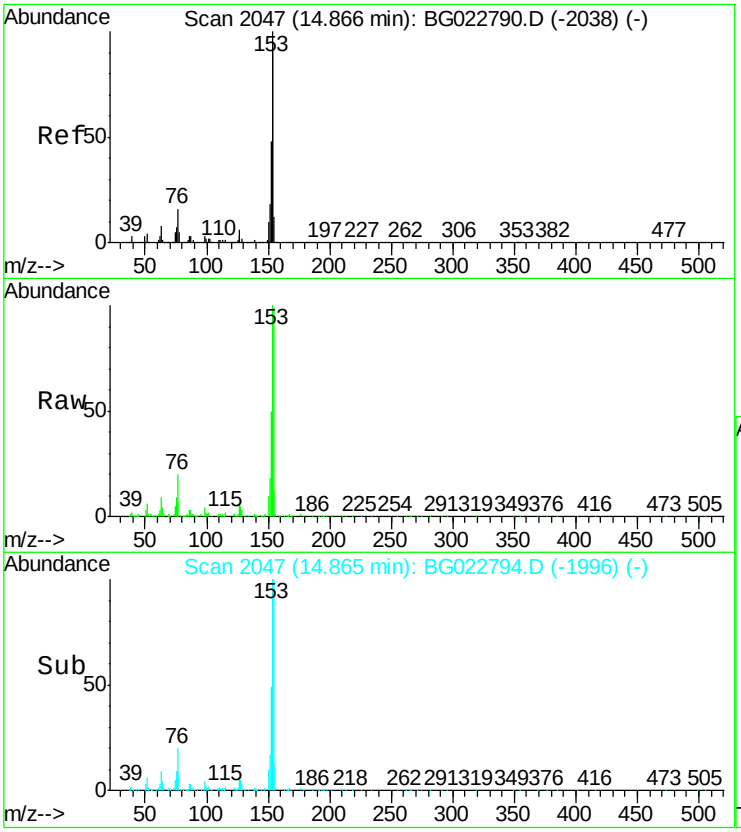


#44
Dimethylphthalate
Concen: 2.45 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Tgt Ion:163 Resp: 105211

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	9.3	8.8	13.2



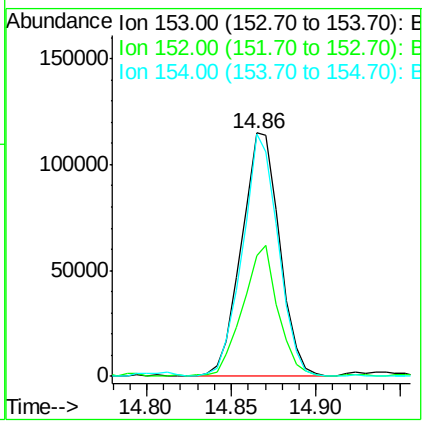


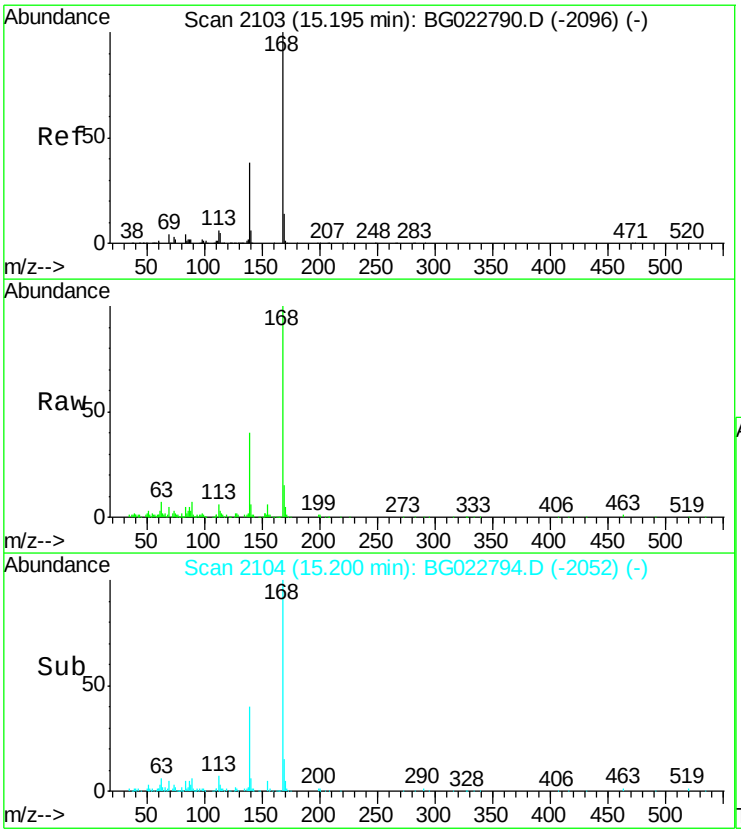
#49
Acenaphthene
Concen: 5.46 ng/ul
RT: 14.86 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Instrument :
BNA_G
ClientSampleId :
BDHN1

Tgt Ion:153 Resp: 180415

Ion	Ratio	Lower	Upper
153	100		
152	49.6	37.3	55.9
154	99.5	68.2	102.2

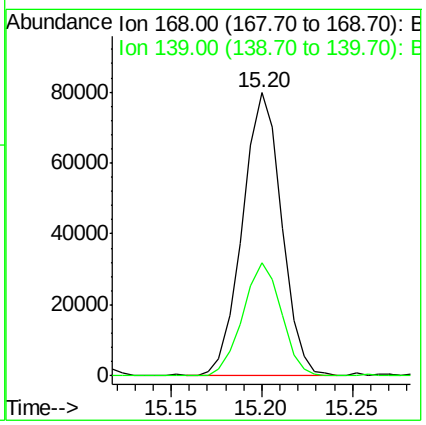


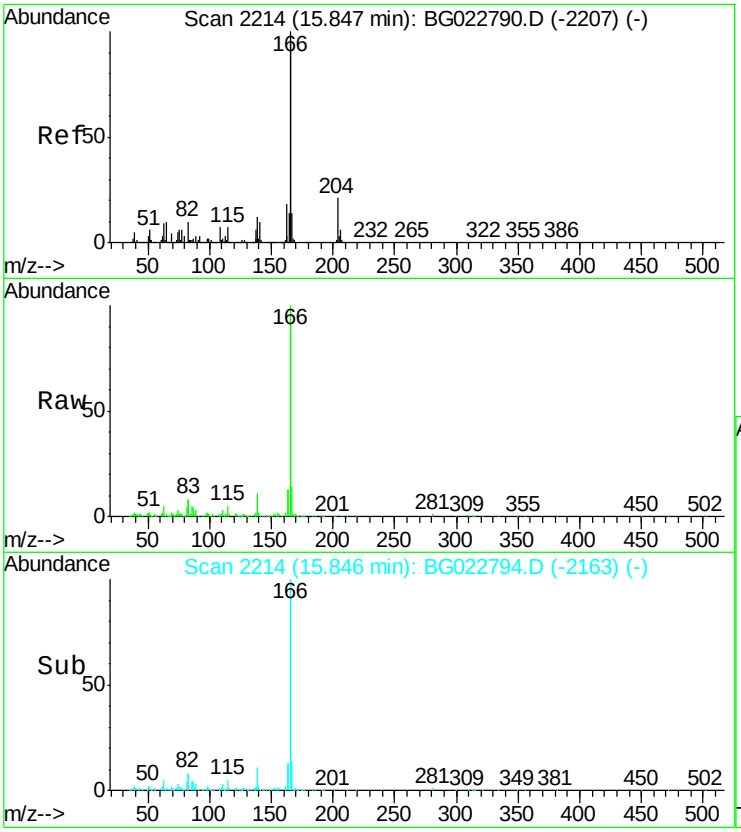


#53
Dibenzofuran
Concen: 2.35 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Tgt Ion:168 Resp: 119938

Ion	Ratio	Lower	Upper
168	100		
139	39.9	27.4	41.0



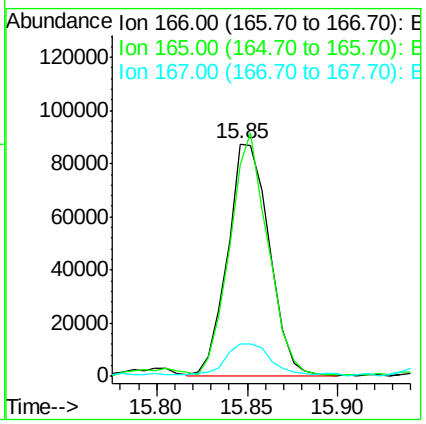


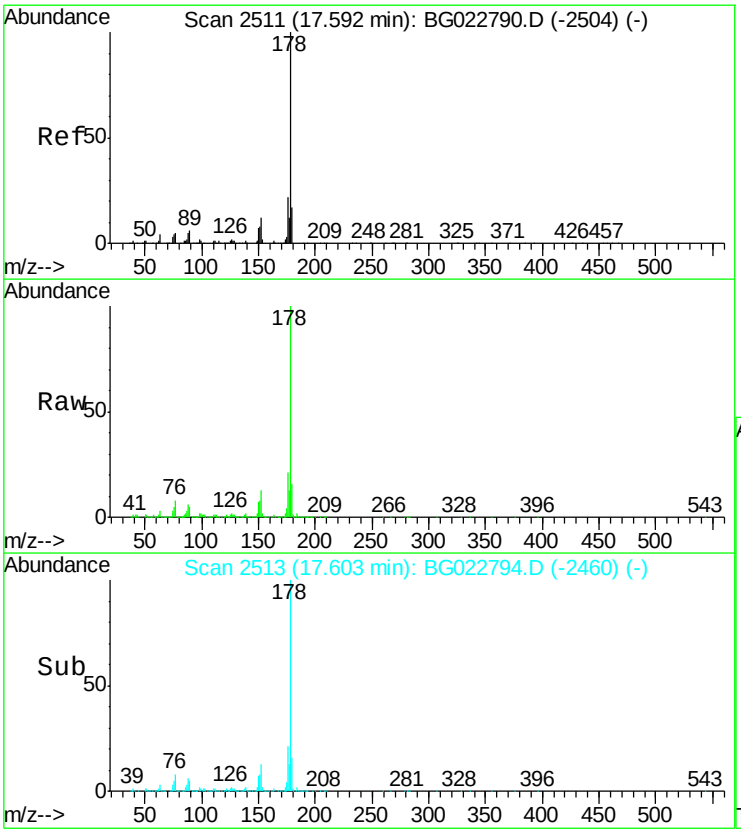
#58
Fluorene
Concen: 3.40 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Instrument :
BNA_G
ClientSampleId :
BDHN1

Tgt Ion:166 Resp: 139500

Ion	Ratio	Lower	Upper
166	100		
165	90.9	80.3	120.5
167	13.7	10.3	15.5

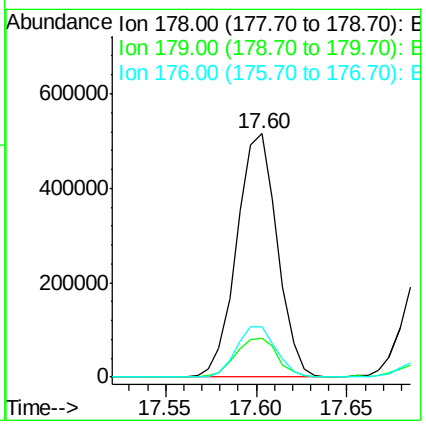


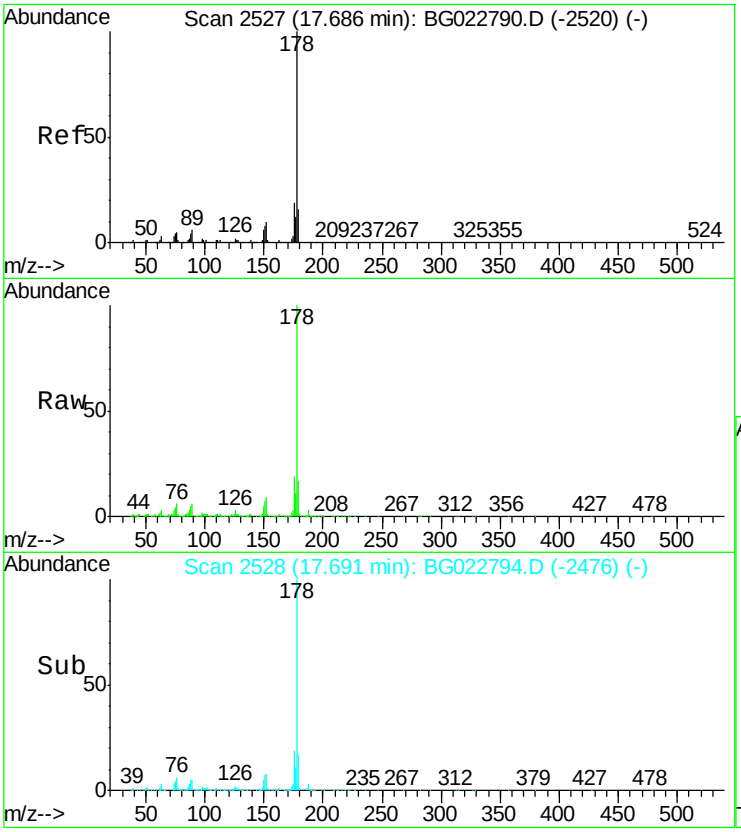


#69
Phenanthrene
Concen: 12.66 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. 0.01 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Tgt Ion:178 Resp: 798606

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	20.8	15.8	23.8



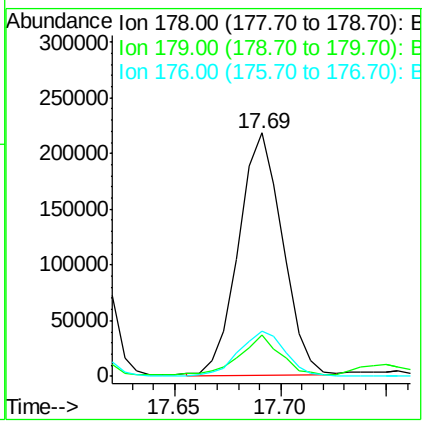


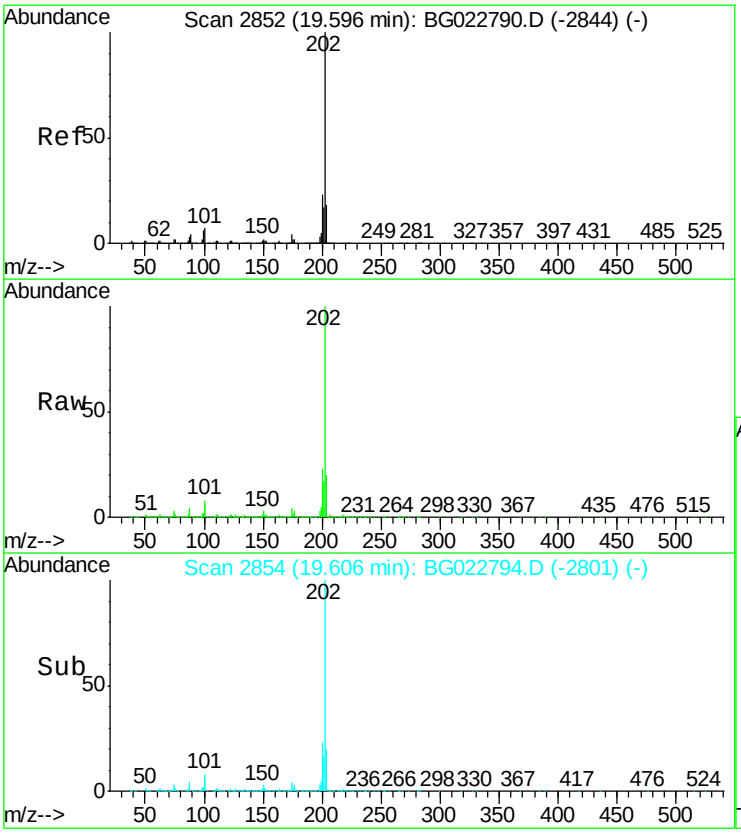
#71
Anthracene
Concen: 4.86 ng/ul
RT: 17.69 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Instrument :
BNA_G
ClientSampleId :
BDHN1

Tgt Ion:178 Resp: 314739

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.3	18.5
176	18.5	16.3	24.5

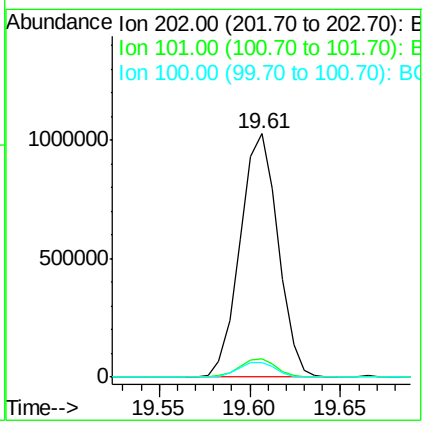


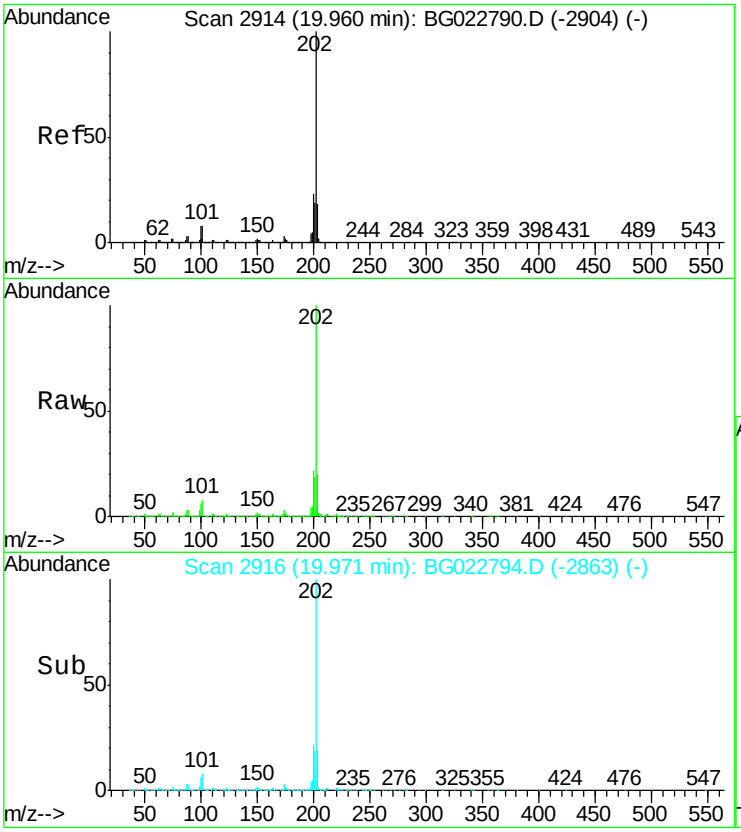


#74
Fluoranthene
Concen: 22.72 ng/ul
RT: 19.61 min Scan# 2854
Delta R.T. 0.01 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Tgt Ion:202 Resp: 1492876

Ion	Ratio	Lower	Upper
202	100		
101	7.6	10.6	16.0#
100	6.2	8.7	13.1#



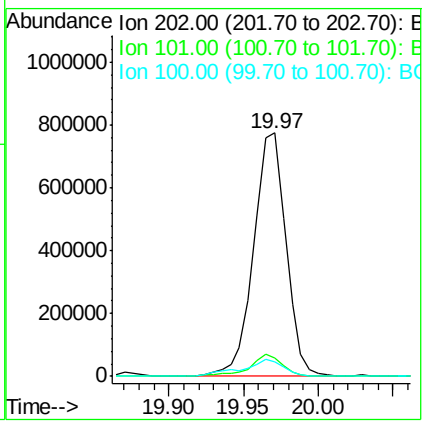


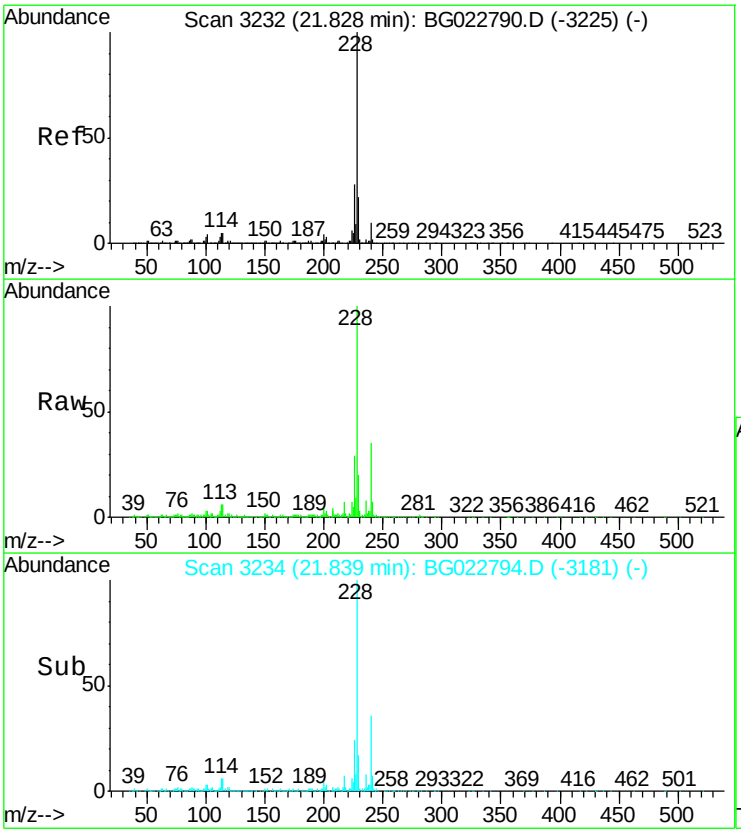
#77
Pyrene
Concen: 15.04 ng/ul
RT: 19.97 min Scan# 2916
Delta R.T. 0.01 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Instrument :
BNA_G
ClientSampleId :
BDHN1

Tgt Ion:202 Resp: 1158302

Ion	Ratio	Lower	Upper
202	100		
101	7.6	12.5	18.7#
100	6.0	10.2	15.4#

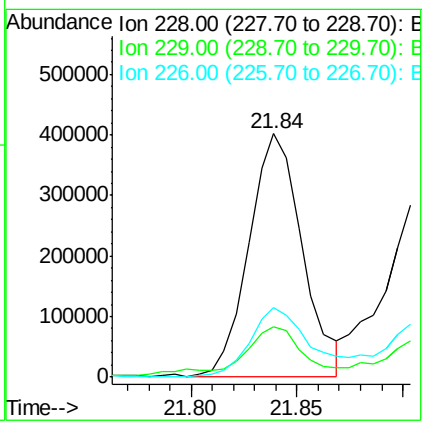


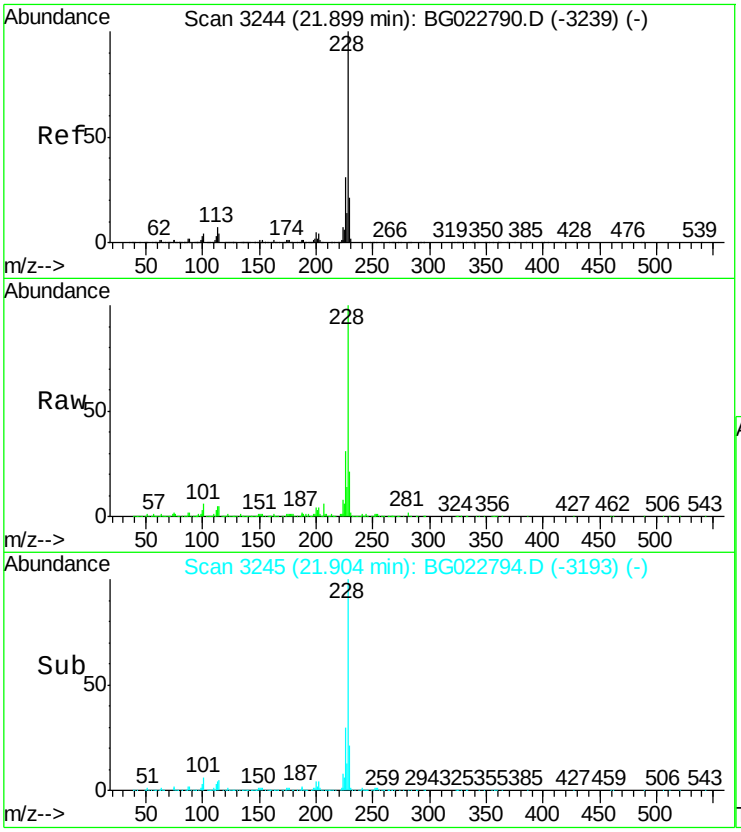


#80
Benzo(a)anthracene
Concen: 8.69 ng/ul
RT: 21.84 min Scan# 3234
Delta R.T. 0.01 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Tgt Ion:228 Resp: 701469

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.2
226	28.7	22.8	34.2



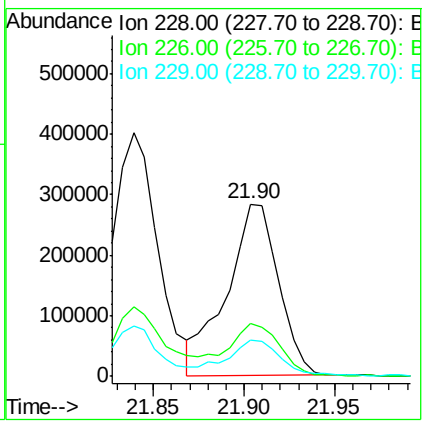


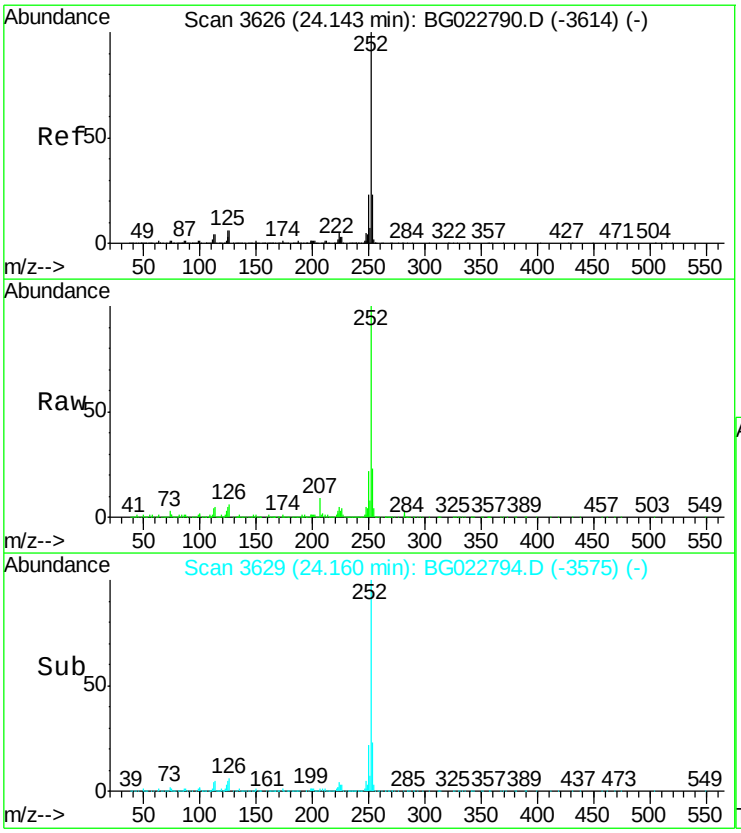
#82
Chrysene
Concen: 7.65 ng/ul
RT: 21.90 min Scan# 3245
Delta R.T. 0.00 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Instrument :
BNA_G
ClientSampleId :
BDHN1

Tgt Ion:228 Resp: 561787

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	21.3	15.0	22.6

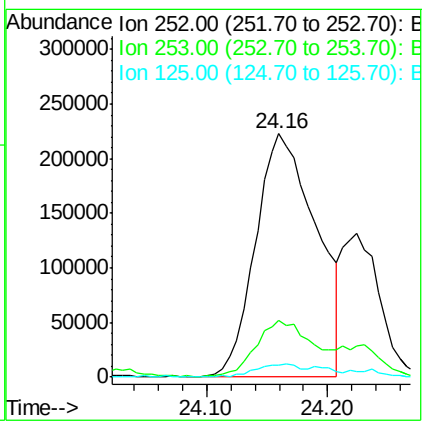


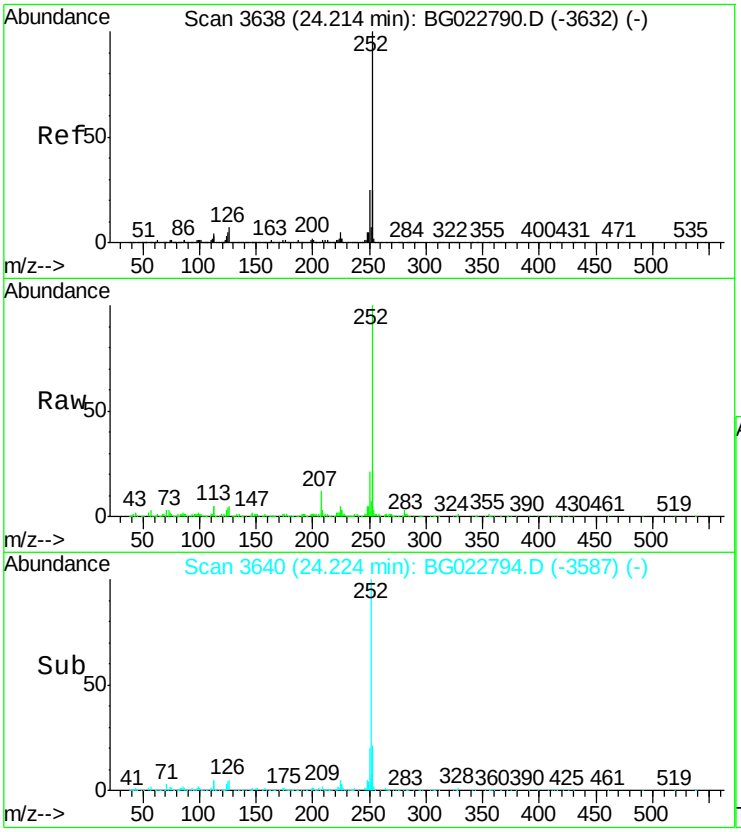


#85
Benzo(b)fluoranthene
Concen: 8.45 ng/ul
RT: 24.16 min Scan# 3629
Delta R.T. 0.02 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Tgt Ion:252 Resp: 775990

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	5.0	10.8	16.2#



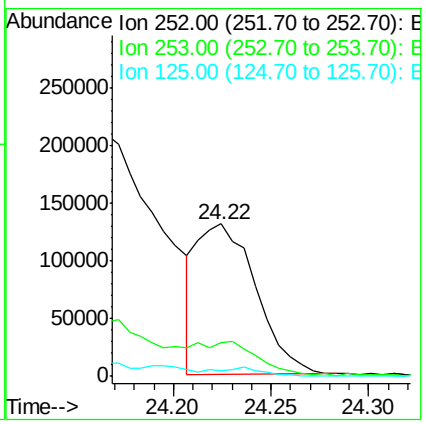


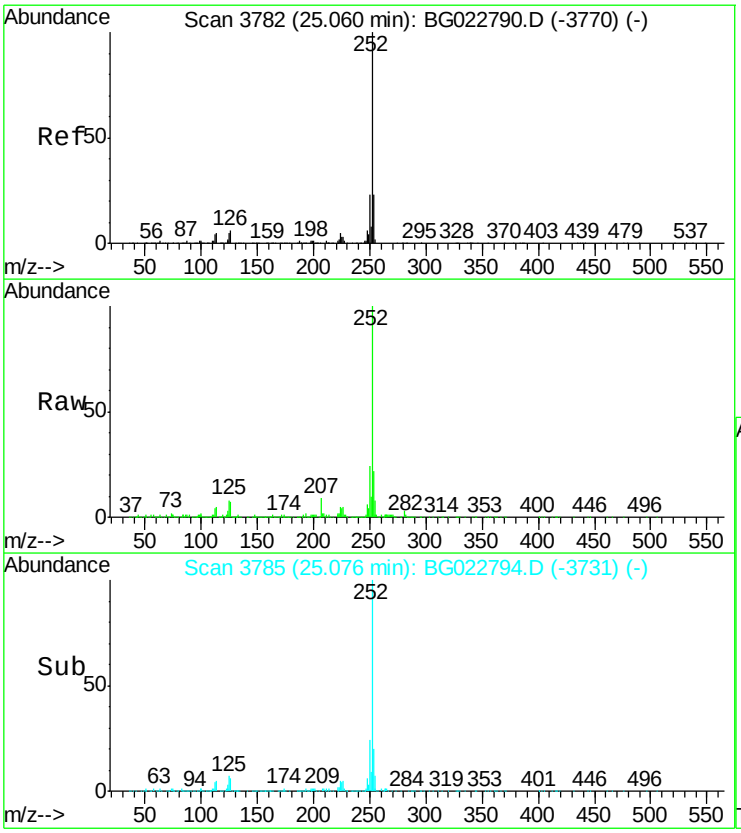
#86
Benzo(k)fluoranthene
Concen: 3.14 ng/ul
RT: 24.22 min Scan# 3640
Delta R.T. 0.01 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Instrument :
BNA_G
ClientSampleId :
BDHN1

Tgt Ion:252 Resp: 270594

Ion	Ratio	Lower	Upper
252	100		
253	21.8	15.8	23.6
125	3.9	10.6	16.0#

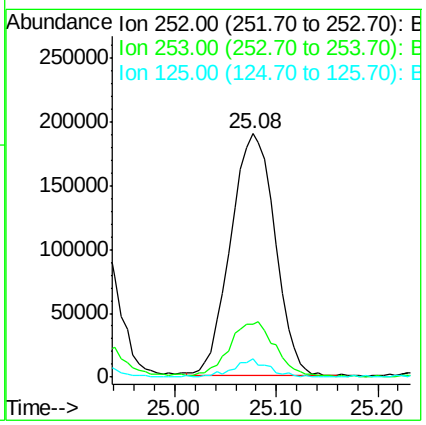


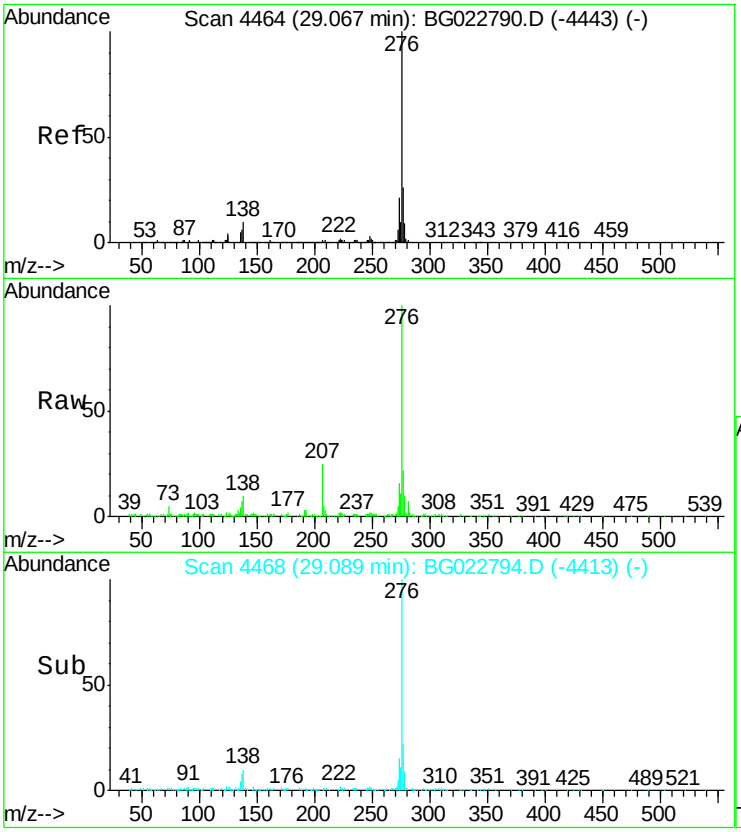


#88
Benzo(a)pyrene
Concen: 6.63 ng/ul
RT: 25.08 min Scan# 3785
Delta R.T. 0.02 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Tgt Ion:252 Resp: 578582

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.0	28.4
125	7.6	12.0	18.0#



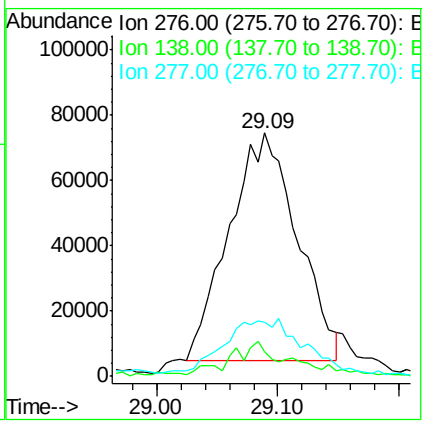


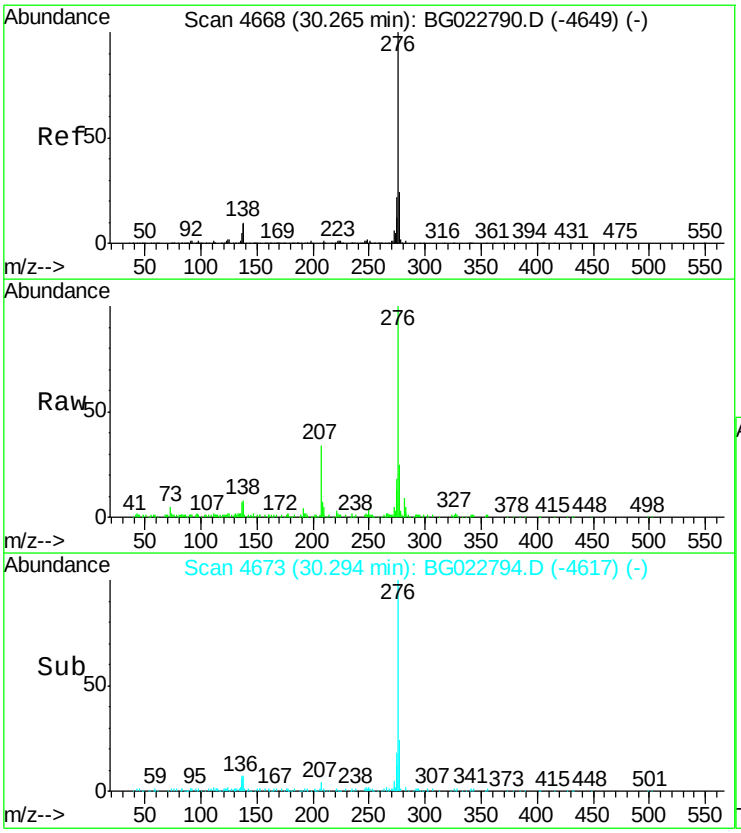
#89
Indeno(1,2,3-cd)pyrene
Concen: 2.95 ng/ul
RT: 29.09 min Scan# 4468
Delta R.T. 0.02 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Instrument :
BNA_G
ClientSampleId :
BDHN1

Tgt Ion:276 Resp: 272134

Ion	Ratio	Lower	Upper
276	100		
138	10.2	20.8	31.2#
277	22.3	17.6	26.4





#91
Benzo(g,h,i)perylene
Concen: 3.87 ng/ul
RT: 30.29 min Scan# 4673
Delta R.T. 0.03 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Tgt Ion:276 Resp: 279943

Ion	Ratio	Lower	Upper
276	100		
138	9.5	22.1	33.1#
277	24.9	17.0	25.4