Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110617\
Data File : BG030793.D
Acq On : 7 Nov 2017 2:27
Operator : SJ/JU
Sample : I6188-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 07 06:59:29 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 06:56:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	103575	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	453090	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	285578	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	642574	20.00	ng/ul	0.00
75) Chrysene-d12	21.83	240	651595	20.00	ng/ul	0.05
83) Perylene-d12	24.97	264	1391341	20.00	ng/ul	-0.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	15225	5.98	ng/uL	0.00
5) Phenol-d5	7.32	99	338934	34.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	194858	31.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	280519	40.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	268899	33.49	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	137549	42.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	164686	49.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	291461	38.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	260860	29.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	877174	35.93	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	1101376	37.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	135485	30.06	ng/ul	0.00
57) Fluorene-d10	15.76	176	803966	40.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	53474	17.05	ng/ul	0.00
70) Anthracene-d10	17.61	188	1175625	38.68	ng/ul	0.00
76) Pyrene-d10	19.91	212	1290847	38.27	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.97	264	1320805	20.04	ng/ul	0.10
Target Compounds						Qvalue
6) Phenol	7.34	94	40586	3.95	ng/ul	92
44) Dimethylphthalate	14.21	163	57983	2.43	ng/ul	98
47) Acenaphthylene	14.50	152	140729	4.65	ng/ul	97
49) Acenaphthene	14.84	153	110627	5.34	ng/ul	97
53) Dibenzofuran	15.16	168	86191	3.04	ng/ul	93
58) Fluorene	15.82	166	98226	4.35	ng/ul	98
69) Phenanthrene	17.65	178	1045140	30.09	ng/ul	96
71) Anthracene	17.65	178	1045140	29.16	ng/ul	97
72) Carbazole	17.91	167	235020	7.30	ng/ul	97
74) Fluoranthene	19.71	202	115178	2.97	ng/ul	99
77) Pyrene	19.97	202	9729693	222.80	ng/ul#	41
80) Benzo(a)anthracene	21.82	228	9764738	239.12	ng/ul#	44
82) Chrysene	21.89	228	8699504	234.47	ng/ul#	37
85) Benzo(b)fluoranthene	23.97	252	125712	1.51	ng/ul#	1
86) Benzo(k)fluoranthene	23.97	252	126172	1.56	ng/ul#	1
88) Benzo(a)pyrene	24.91	252	10397959	127.89	ng/ul#	79
89) Indeno(1,2,3-cd)pyrene	28.61	276	1898849	20.64	ng/ul	94
90) Dibenzo(a,h)anthracene	28.71	278	691725	9.05	ng/ul#	87

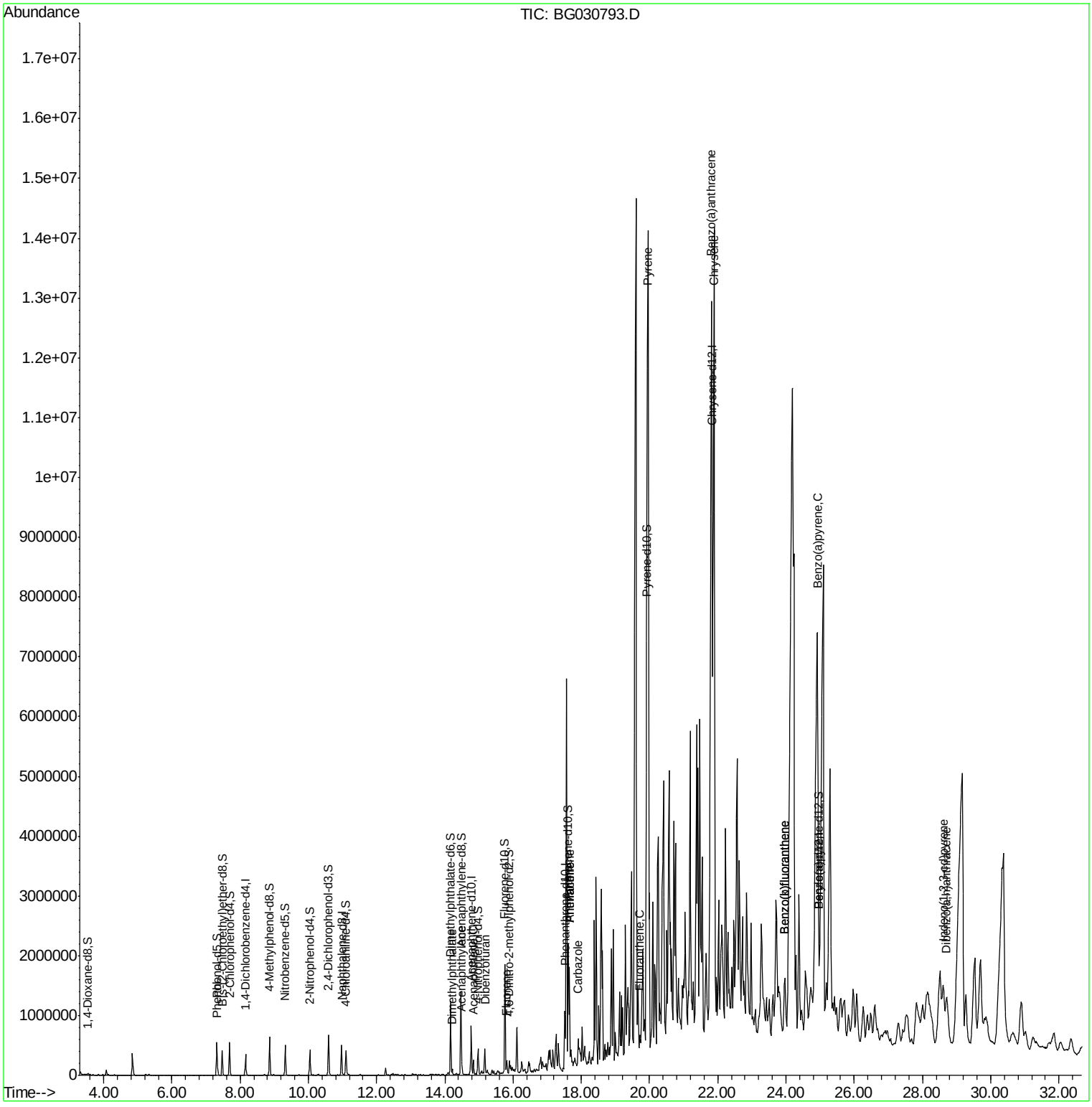
(#) = qualifier out of range (m) = manual integration (+) = signals summed

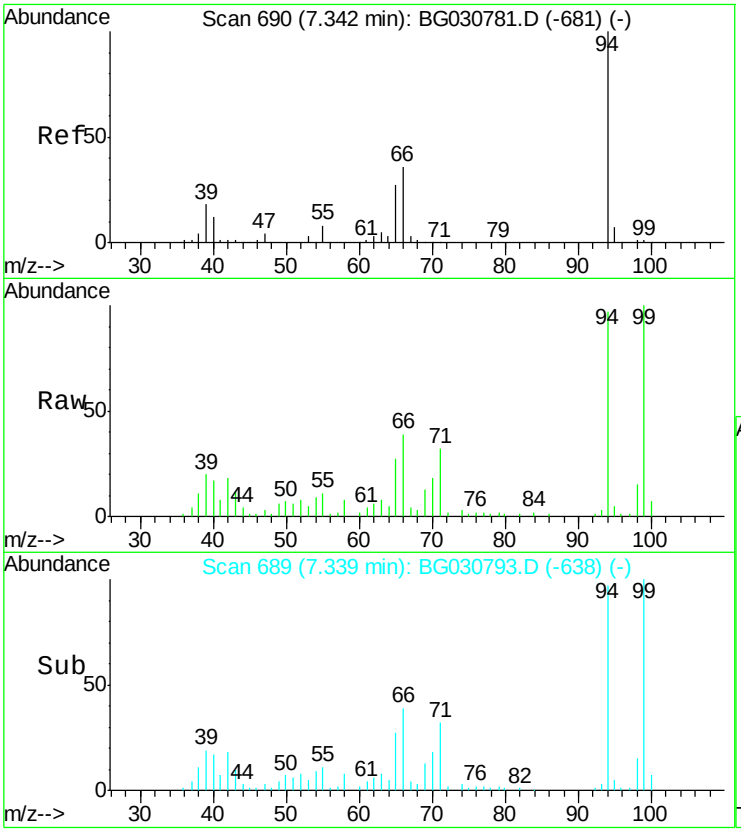
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110617\
Data File : BG030793.D
Acq On : 7 Nov 2017 2:27
Operator : SJ/JU
Sample : I6188-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 07 06:59:29 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 06:56:14 2017
Response via : Initial Calibration



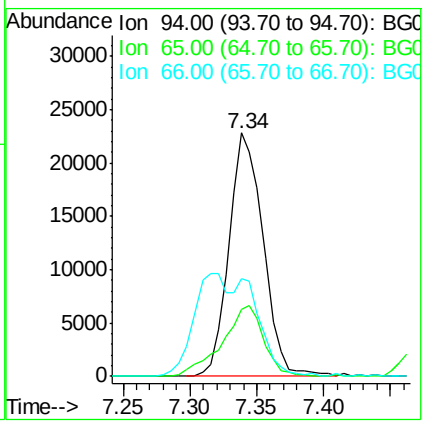


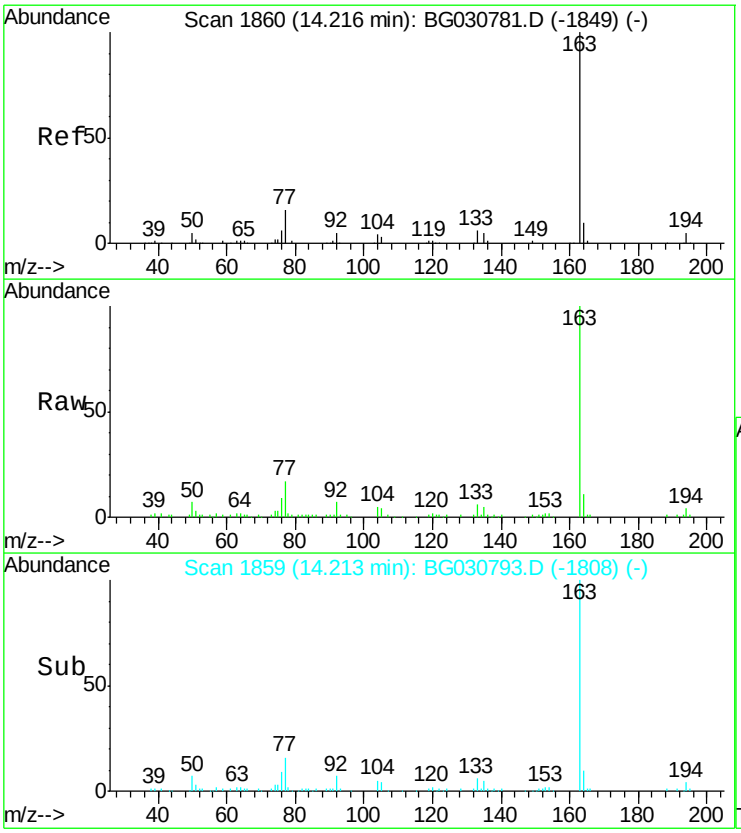
#6
Phenol
Concen: 3.95 ng/ul
RT: 7.34 min Scan# 689
Delta R.T. -0.00 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 40586

Ion	Ratio	Lower	Upper
94	100		
65	27.5	27.1	40.7
66	40.1	34.6	52.0

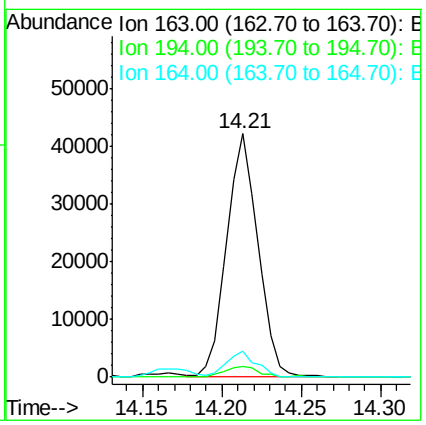


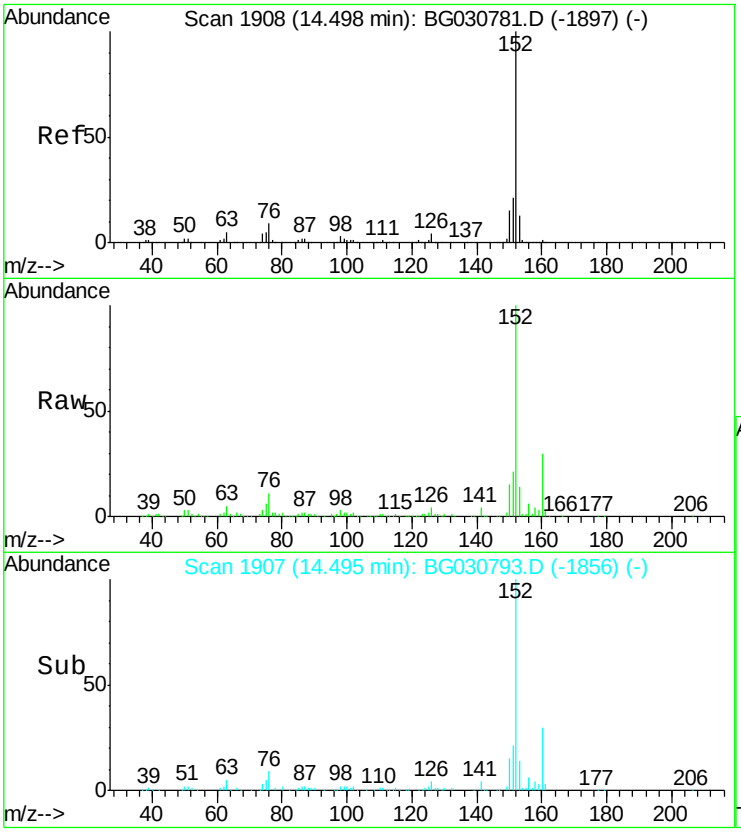


#44
Dimethylphthalate
Concen: 2.43 ng/ul
RT: 14.21 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Tgt Ion:163 Resp: 57983

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.6	7.6	11.4



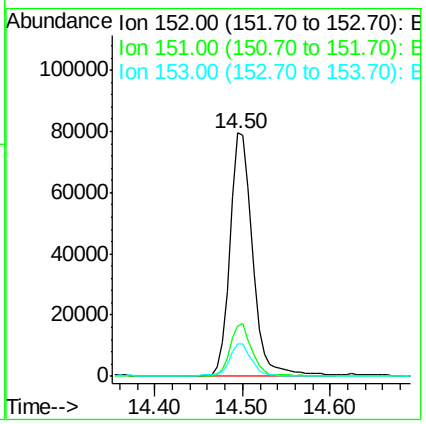


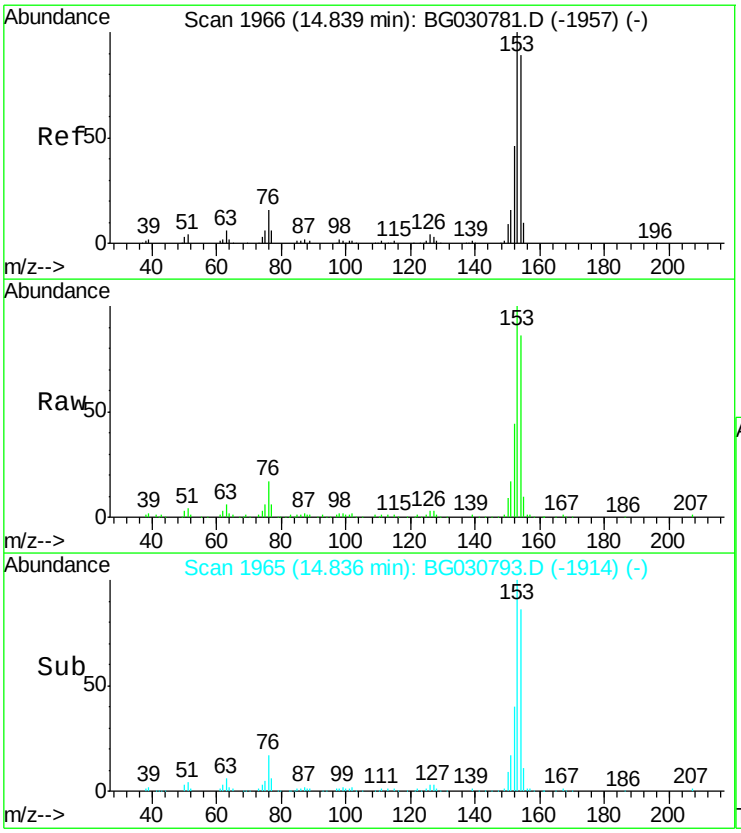
#47
Acenaphthylene
Concen: 4.65 ng/ul
RT: 14.50 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 140729

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.2	22.8
153	13.6	10.2	15.4

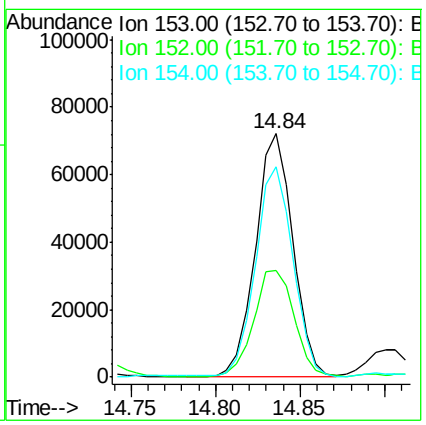


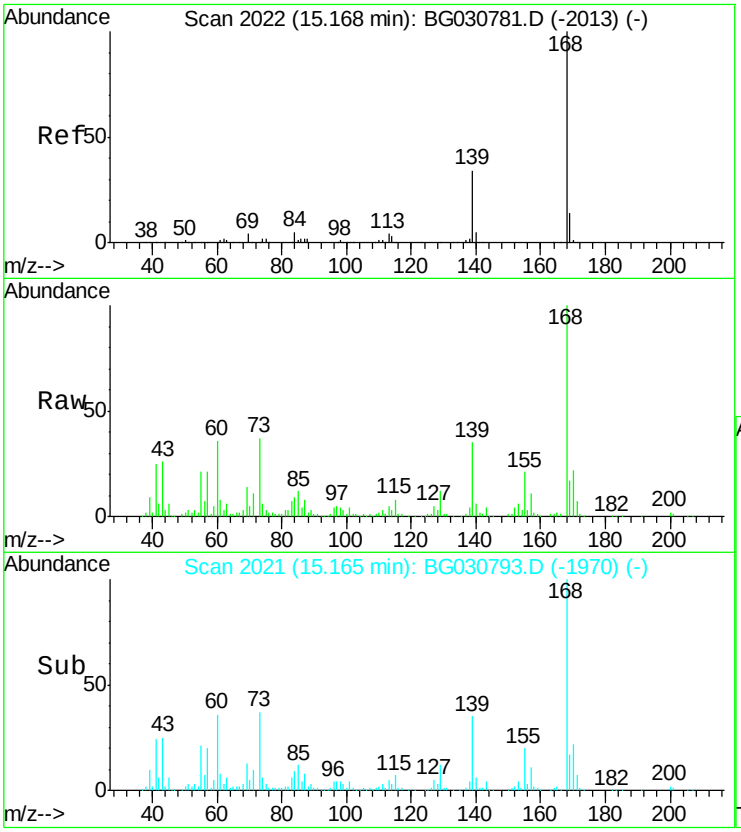


#49
Acenaphthene
Concen: 5.34 ng/ul
RT: 14.84 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Tgt Ion:153 Resp: 110627

Ion	Ratio	Lower	Upper
153	100		
152	44.0	38.2	57.2
154	86.2	70.6	105.8



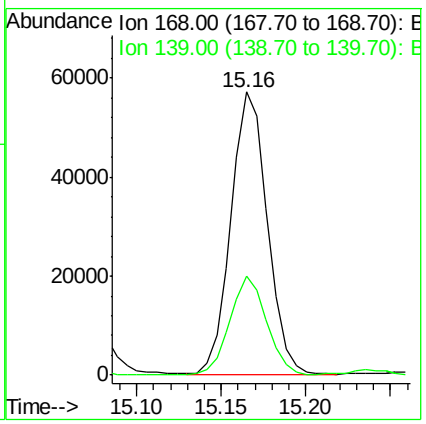


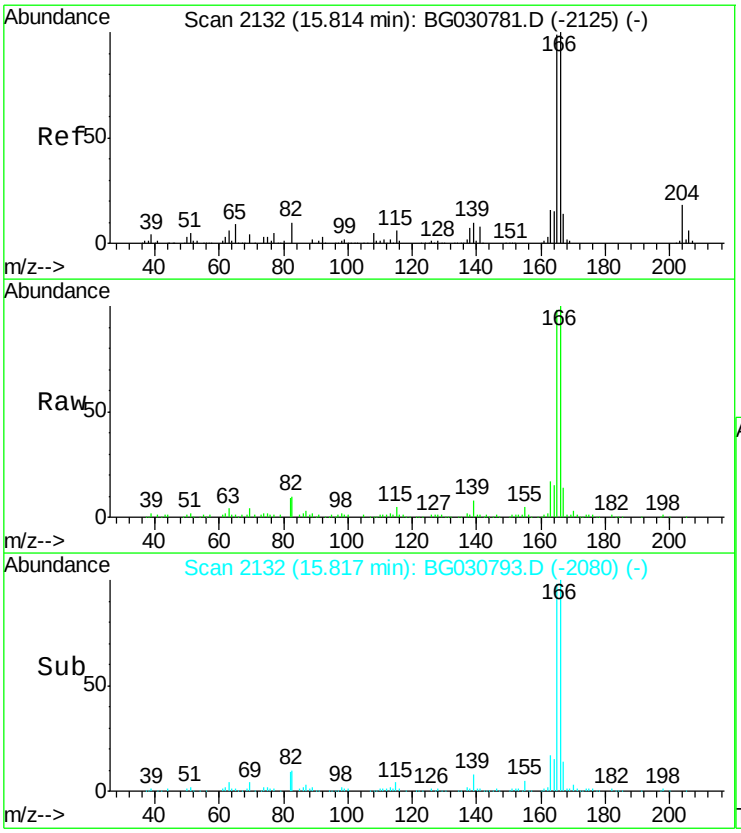
#53
Dibenzofuran
Concen: 3.04 ng/ul
RT: 15.16 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 86191

Ion	Ratio	Lower	Upper
168	100		
139	35.0	31.4	47.2

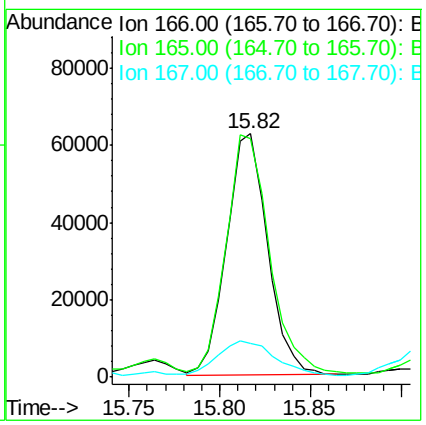


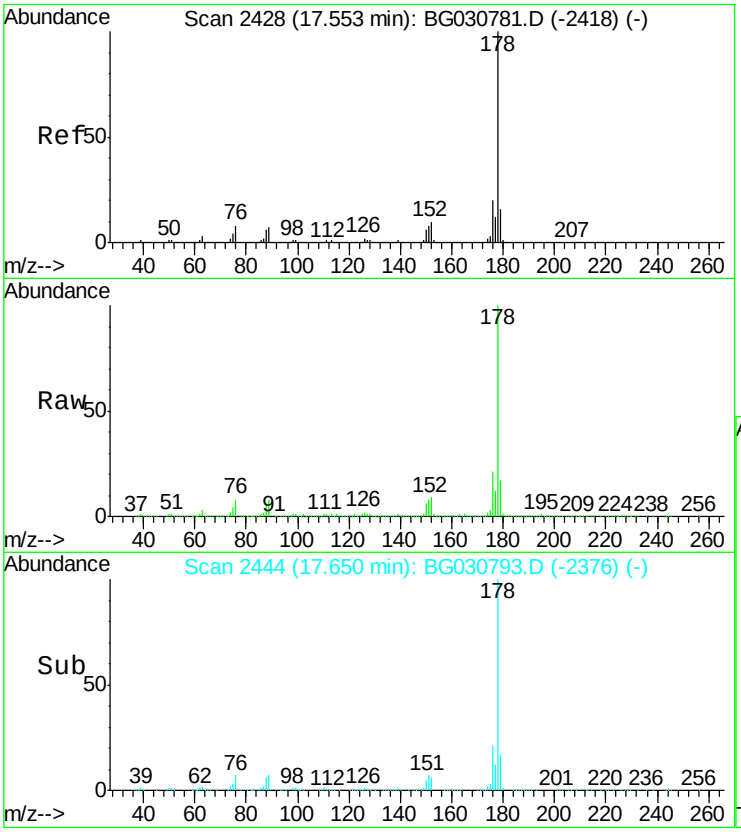


#58
Fluorene
Concen: 4.35 ng/ul
RT: 15.82 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Tgt Ion:166 Resp: 98226

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.9	119.9
167	13.9	10.6	16.0



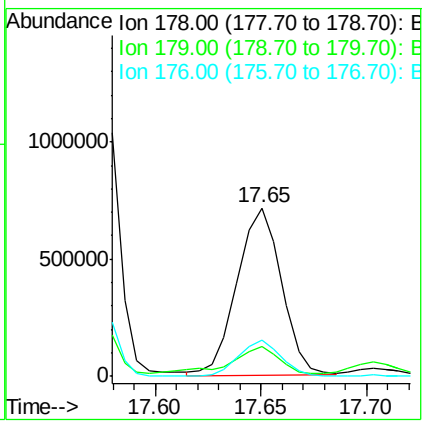


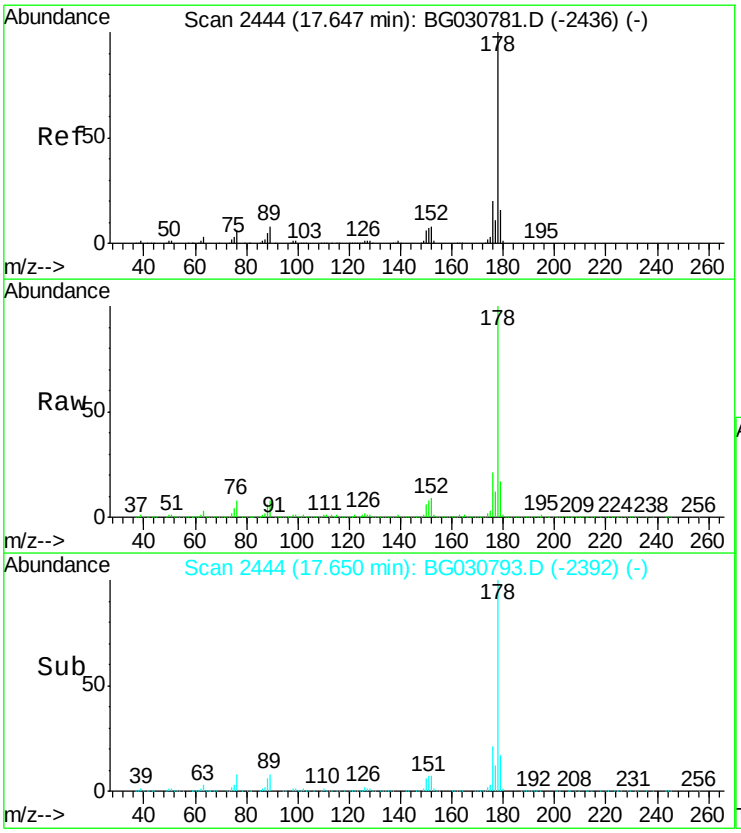
#69
Phenanthrene
Concen: 30.09 ng/ul
RT: 17.65 min Scan# 2444
Delta R.T. 0.10 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 1045140

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.0	19.6
176	21.4	15.3	22.9

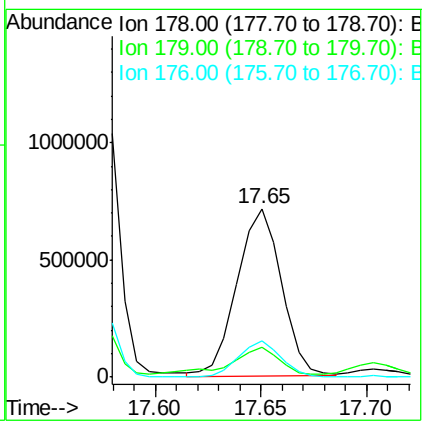


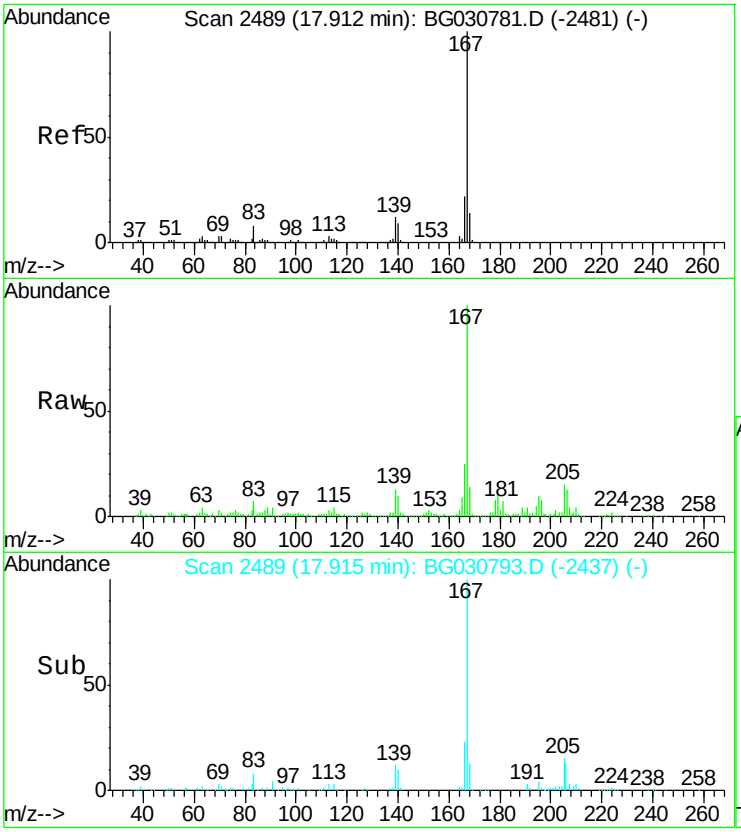


#71
Anthracene
Concen: 29.16 ng/ul
RT: 17.65 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Tgt Ion:178 Resp: 1045140

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.2	19.8
176	21.4	16.0	24.0



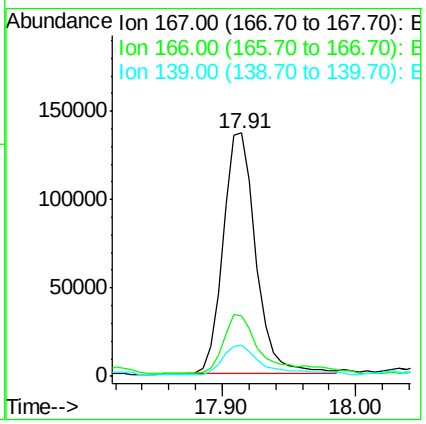


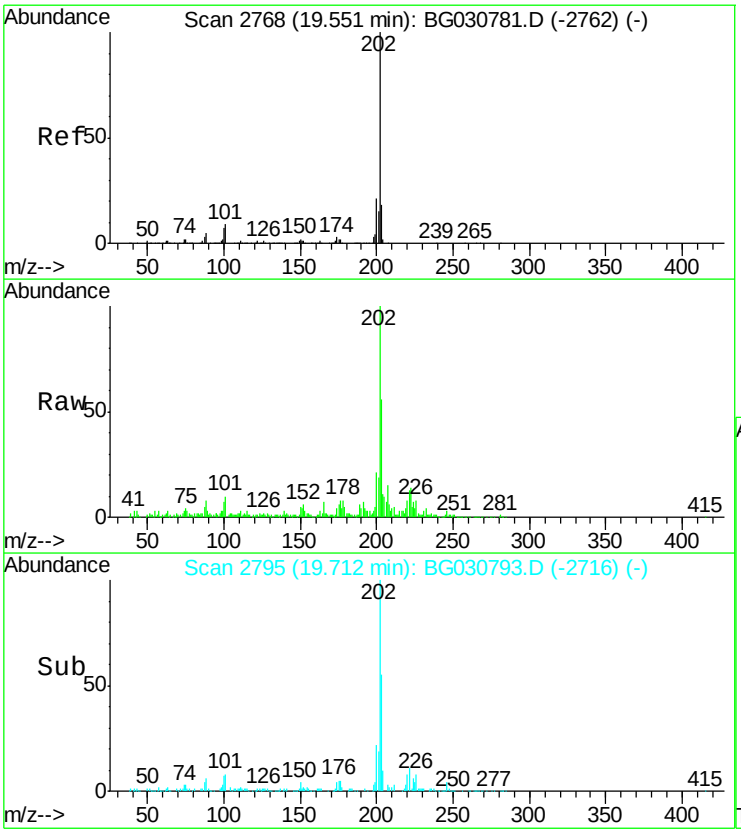
#72
Carbazole
Concen: 7.30 ng/ul
RT: 17.91 min Scan# 2489
Delta R.T. 0.00 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 235020

Ion	Ratio	Lower	Upper
167	100		
166	24.9	18.6	28.0
139	12.7	10.6	16.0

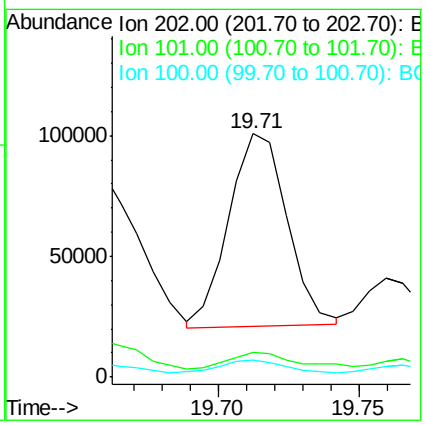


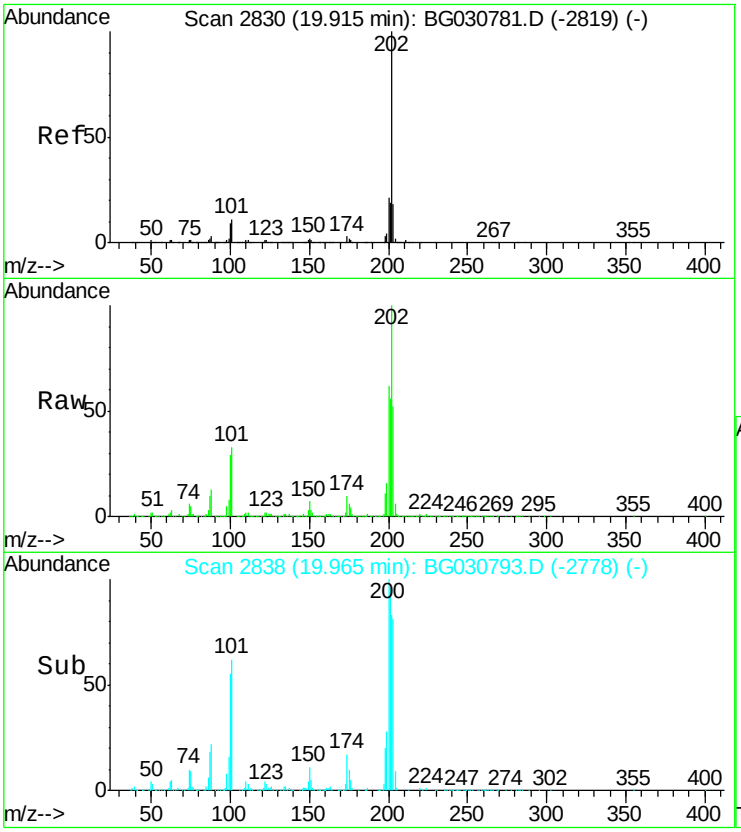


#74
Fluoranthene
Concen: 2.97 ng/ul
RT: 19.71 min Scan# 2795
Delta R.T. 0.16 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Tgt Ion:202 Resp: 115178

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.4	11.2
100	7.0	5.6	8.4



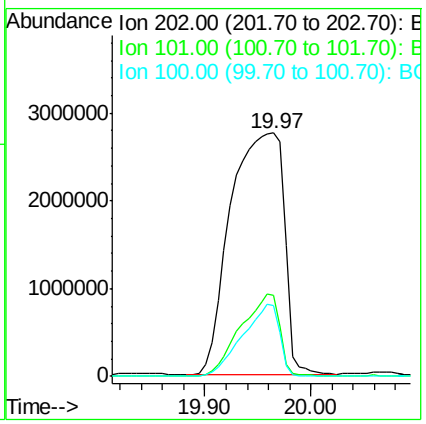


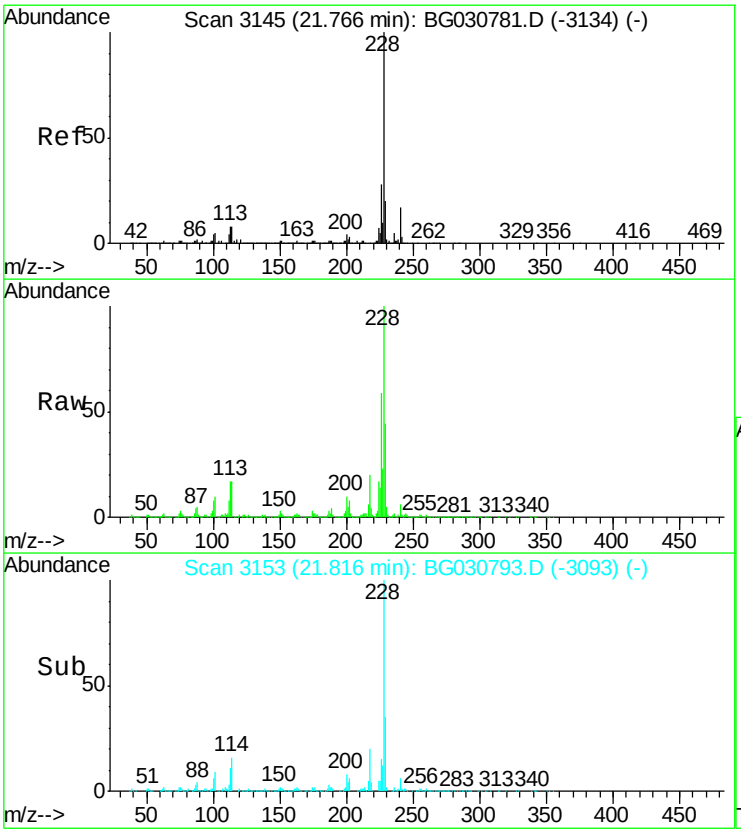
#77
Pyrene
Concen: 222.80 ng/ul
RT: 19.97 min Scan# 2838
Delta R.T. 0.05 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 9729693

Ion	Ratio	Lower	Upper
202	100		
101	33.4	8.4	12.6#
100	28.9	7.0	10.6#

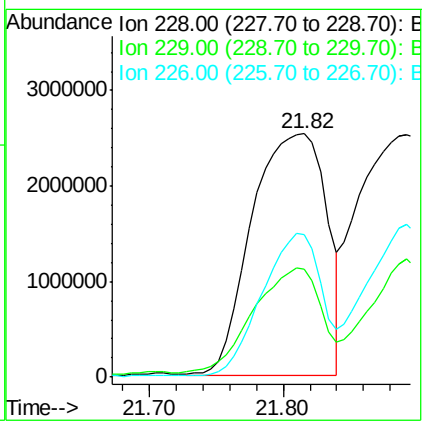


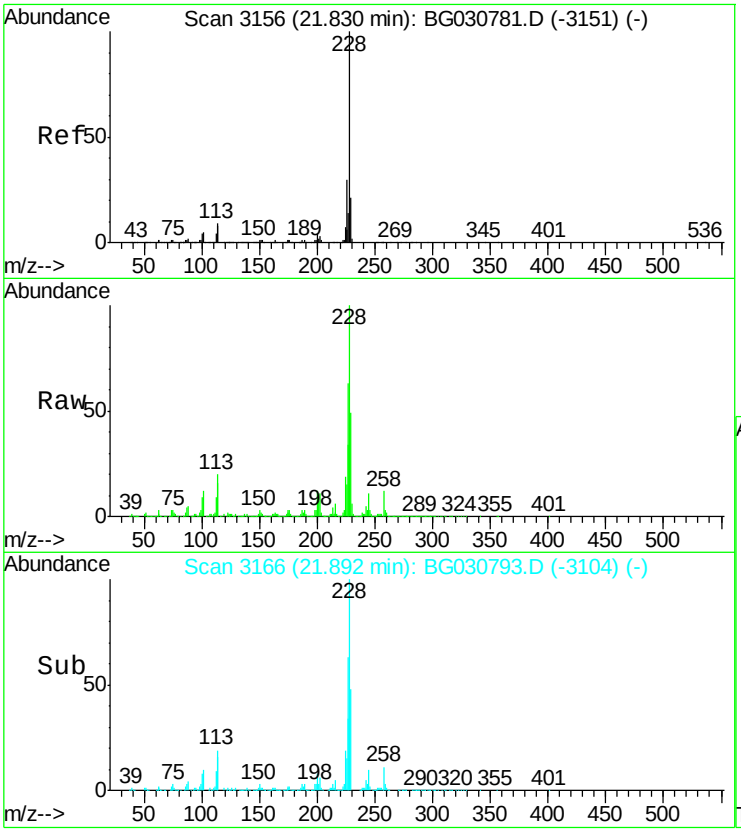


#80
Benzo(a)anthracene
Concen: 239.12 ng/ul
RT: 21.82 min Scan# 3153
Delta R.T. 0.05 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Tgt Ion:228 Resp: 9764738

Ion	Ratio	Lower	Upper
228	100		
229	44.3	16.2	24.4#
226	58.6	22.2	33.2#



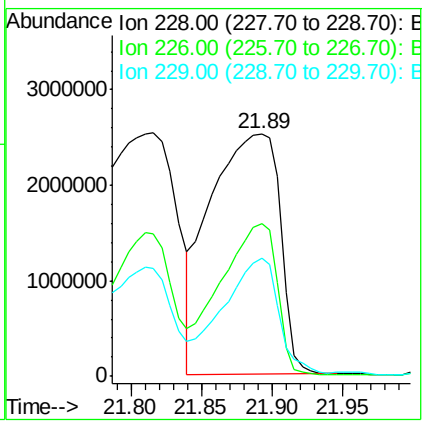


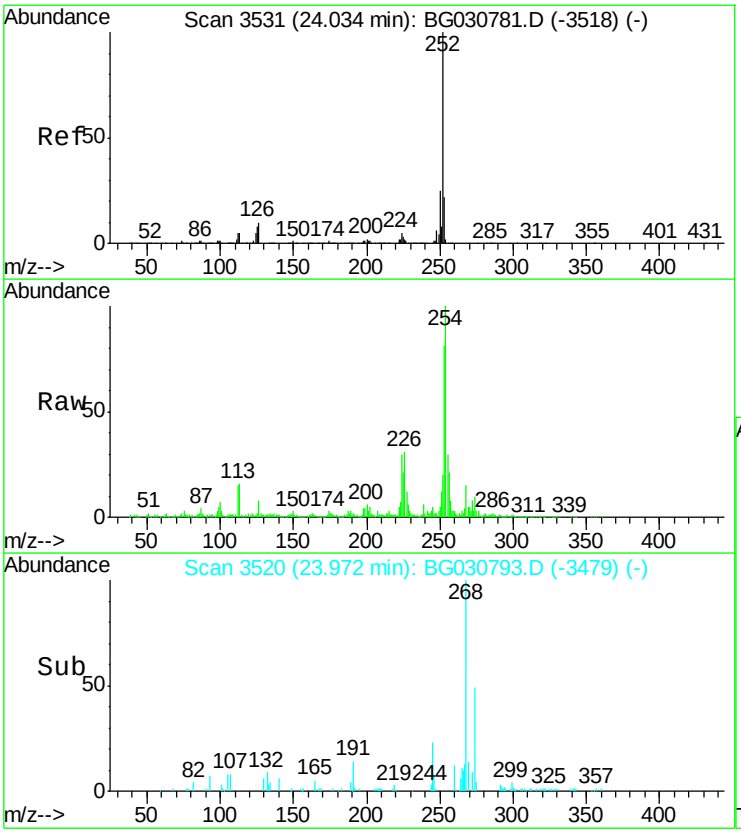
#82
Chrysene
Concen: 234.47 ng/ul
RT: 21.89 min Scan# 3166
Delta R.T. 0.06 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 8699504

Ion	Ratio	Lower	Upper
228	100		
226	62.9	24.2	36.2#
229	48.9	15.2	22.8#

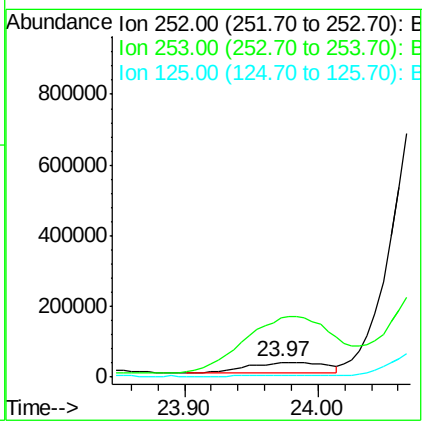


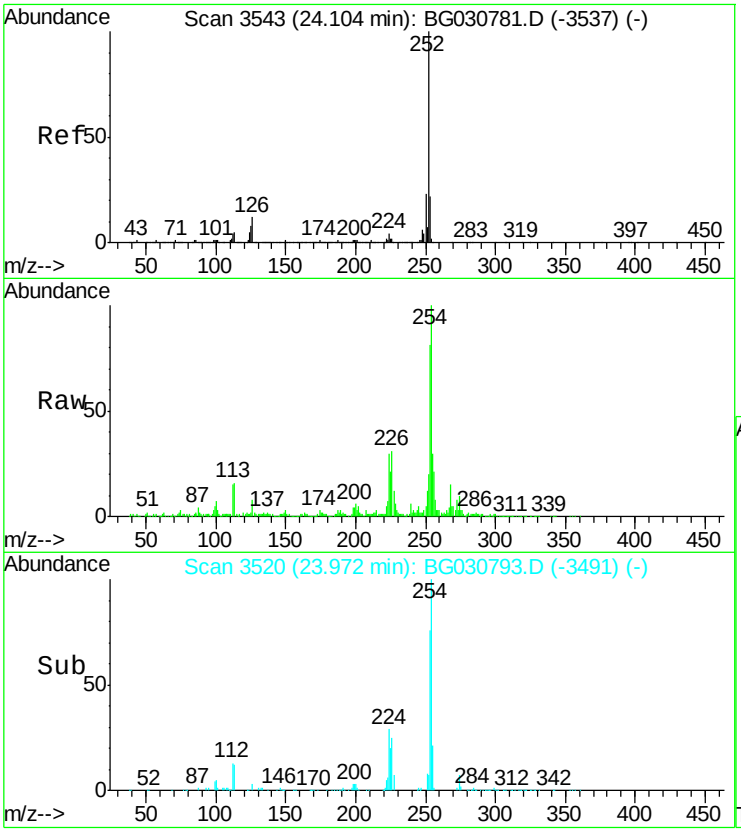


#85
Benzo(b)fluoranthene
Concen: 1.51 ng/ul
RT: 23.97 min Scan# 3520
Delta R.T. -0.06 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Tgt Ion:252 Resp: 125712

Ion	Ratio	Lower	Upper
252	100		
253	398.6	17.0	25.4#
125	10.4	7.5	11.3



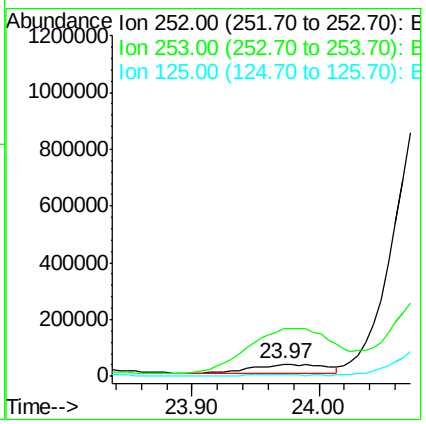


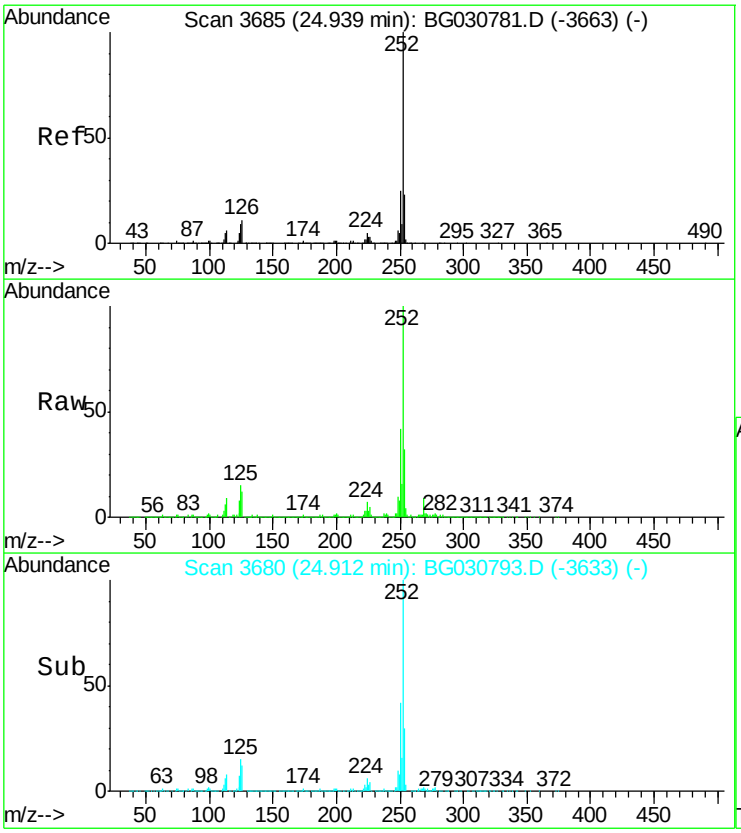
#86
Benzo(k)fluoranthene
Concen: 1.56 ng/ul
RT: 23.97 min Scan# 3520
Delta R.T. -0.13 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 126172

Ion	Ratio	Lower	Upper
252	100		
253	398.6	17.2	25.8#
125	10.4	7.8	11.8

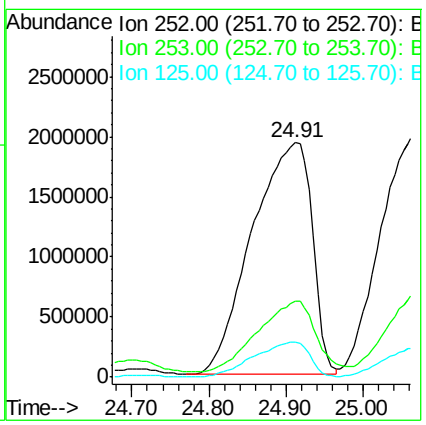


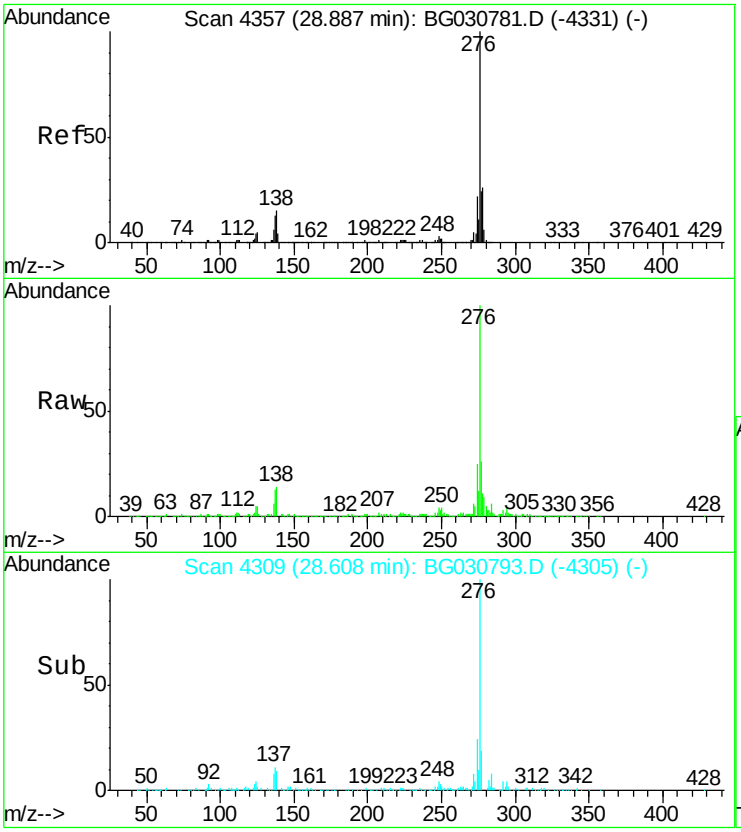


#88
Benzo(a)pyrene
Concen: 127.89 ng/ul
RT: 24.91 min Scan# 3680
Delta R.T. -0.03 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Tgt Ion:252 Resp:10397959

Ion	Ratio	Lower	Upper
252	100		
253	32.4	17.1	25.7#
125	15.1	7.8	11.8#



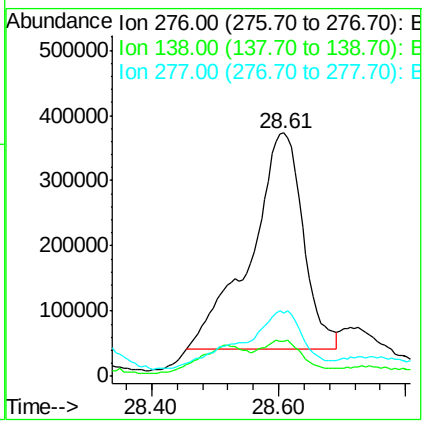


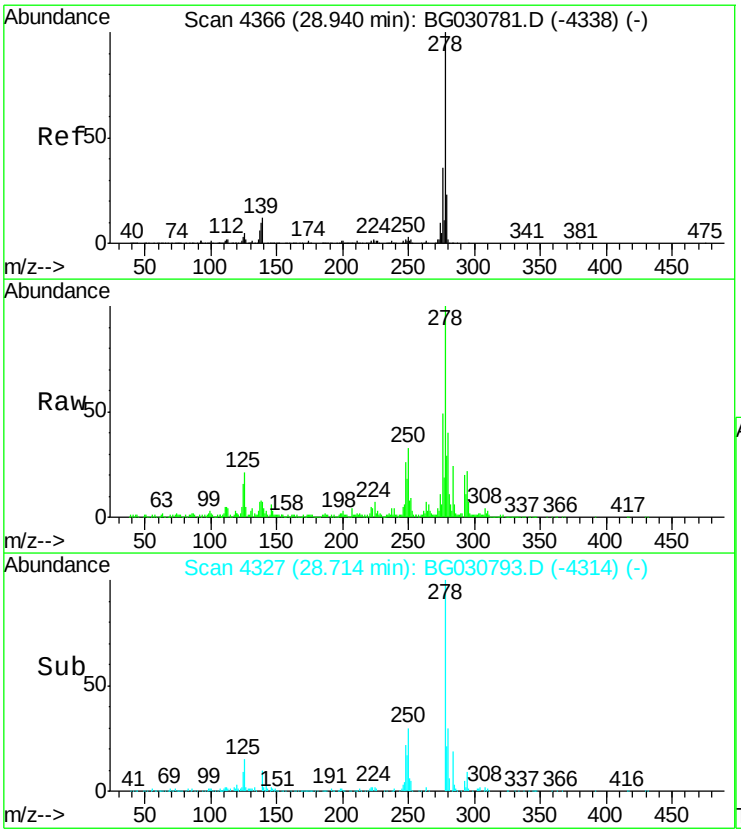
#89
Indeno(1,2,3-cd)pyrene
Concen: 20.64 ng/ul
RT: 28.61 min Scan# 4309
Delta R.T. -0.28 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 1898849

Ion	Ratio	Lower	Upper
276	100		
138	14.3	13.4	20.0
277	26.1	18.6	28.0





#90
Dibenzo(a,h)anthracene
Concen: 9.05 ng/ul
RT: 28.71 min Scan# 4327
Delta R.T. -0.23 min
Lab File: BG030793.D
Acq: 7 Nov 2017 2:27

Tgt Ion:278 Resp: 691725

Ion	Ratio	Lower	Upper
278	100		
139	6.8	9.4	14.2#
279	29.1	18.4	27.6#