Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031251.D
Acq On : 28 Nov 2017 4:57
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 28 07:26:45 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 07:19:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	66549	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	292534	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	195595	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	508914	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	567821	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	569458	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	97430	17.65	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	392223	19.28	ng/ul	0.00
10) Fluorene-d10	15.74	176	288628	17.67	ng/ul	0.00
15) Anthracene-d10	17.59	188	465129	18.26	ng/ul	0.00
19) Pyrene-d10	19.87	212	567762	21.89	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	527052	18.71	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.99	128	276591	19.75	ng/ul	99
5) 2-Methylnaphthalene	12.59	142	218962	18.95	ng/ul	99
8) Acenaphthylene	14.48	152	369111	20.72	ng/ul	99
9) Acenaphthene	14.82	153	252156	19.62	ng/ul	99
11) Fluorene	15.79	166	309469	19.01	ng/ul	98
13) Pentachlorophenol	17.15	266	66067	22.25	ng/uL	96
14) Phenanthrene	17.53	178	524708	19.21	ng/ul	99
16) Anthracene	17.63	178	545342	19.67	ng/ul	99
17) Fluoranthene	19.54	202	689669	18.15	ng/ul#	91
20) Pyrene	19.90	202	702296	23.30	ng/ul#	90
21) Benzo(a)anthracene	21.75	228	704292	20.36	ng/ul	99
22) Chrysene	21.82	228	640590	19.47	ng/ul	98
24) Benzo(b)fluoranthene	24.01	252	678287	19.71	ng/ul#	96
25) Benzo(k)fluoranthene	24.08	252	665766	19.64	ng/ul#	97
27) Benzo(a)pyrene	24.91	252	657764	19.95	ng/ul#	97
28) Indeno(1,2,3-cd)pyrene	28.84	276	752770	20.03	ng/ul#	94
29) Dibenzo(a,h)anthracene	28.90	278	618505	19.87	ng/ul#	94
30) Benzo(g,h,i)perylene	30.02	276	344990	11.02	ng/ul#	91

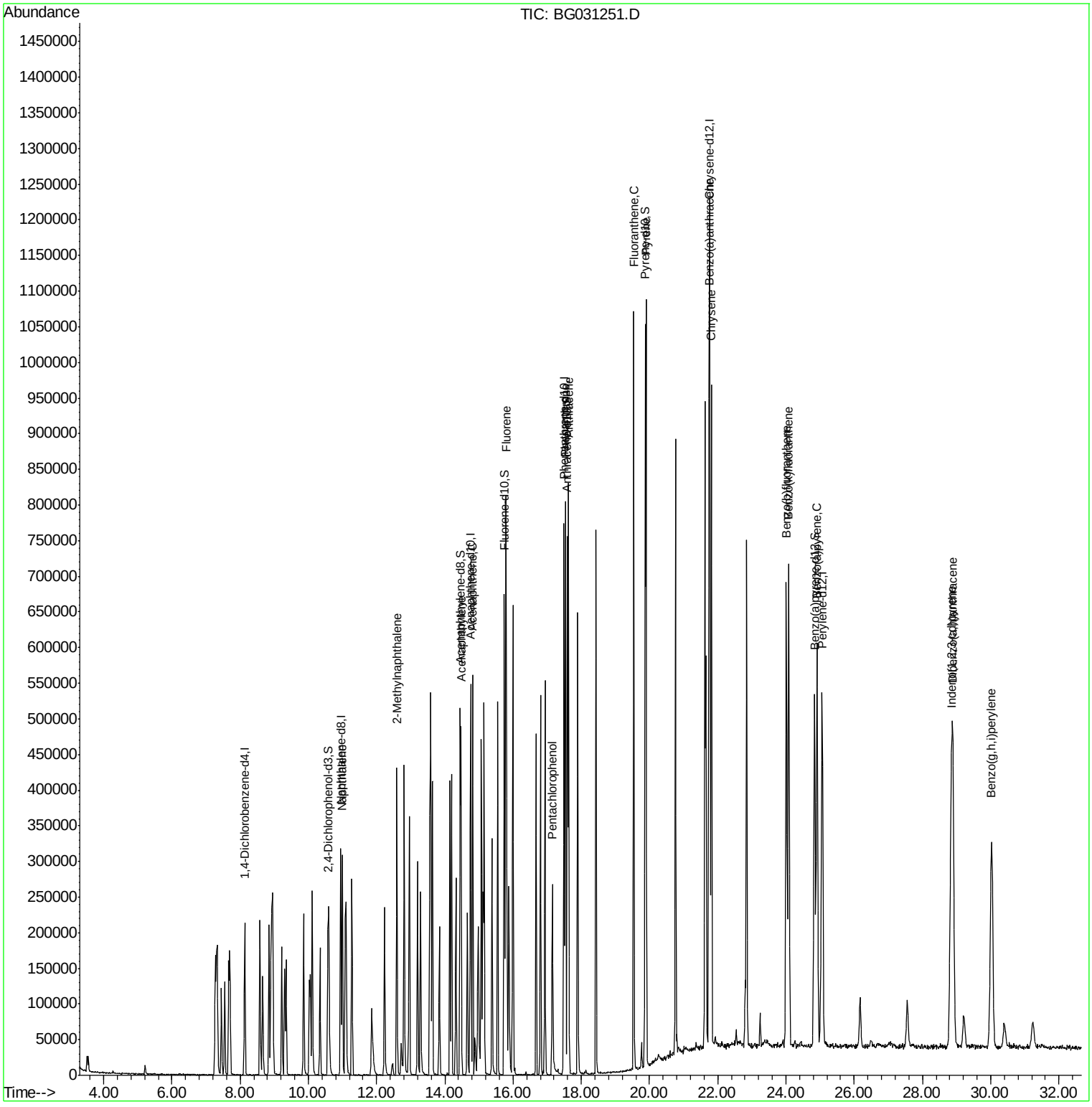
(#) = qualifier out of range (m) = manual integration (+) = signals summed

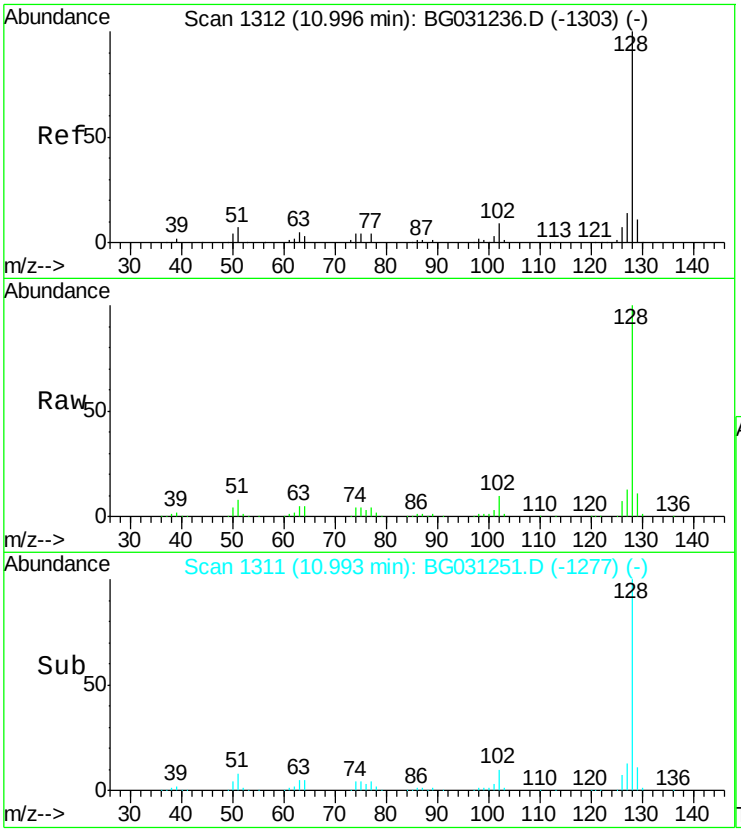
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031251.D
Acq On : 28 Nov 2017 4:57
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 28 07:26:45 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 07:19:57 2017
Response via : Initial Calibration



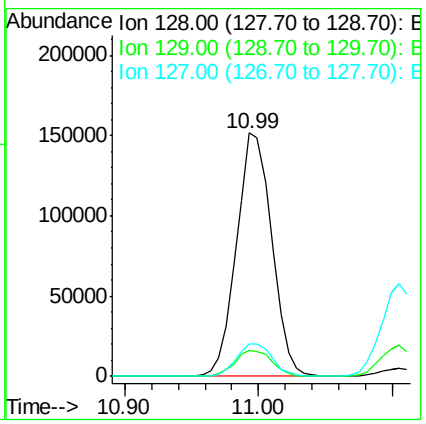


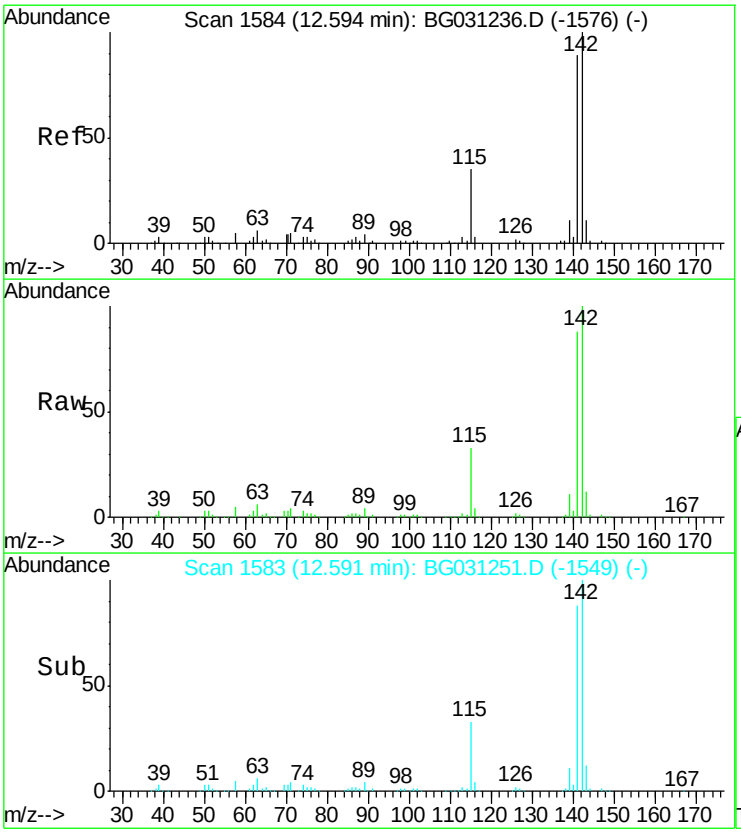
#4
Naphthalene
Concen: 19.75 ng/ul
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 276591

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.4	10.6	15.8

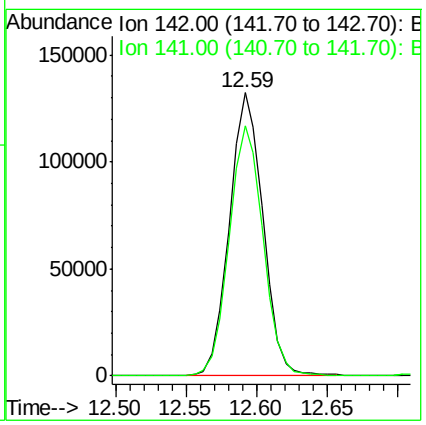


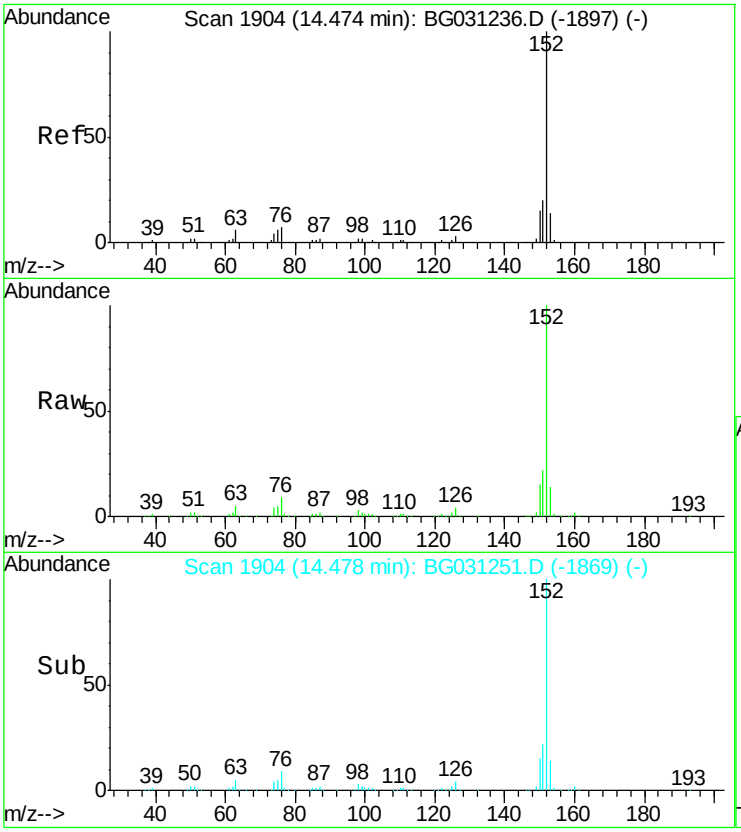


#5
2-Methylnaphthalene
Concen: 18.95 ng/ul
RT: 12.59 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Tgt Ion:142 Resp: 218962

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.8	104.8



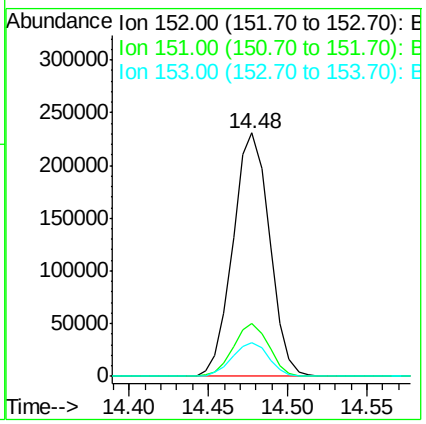


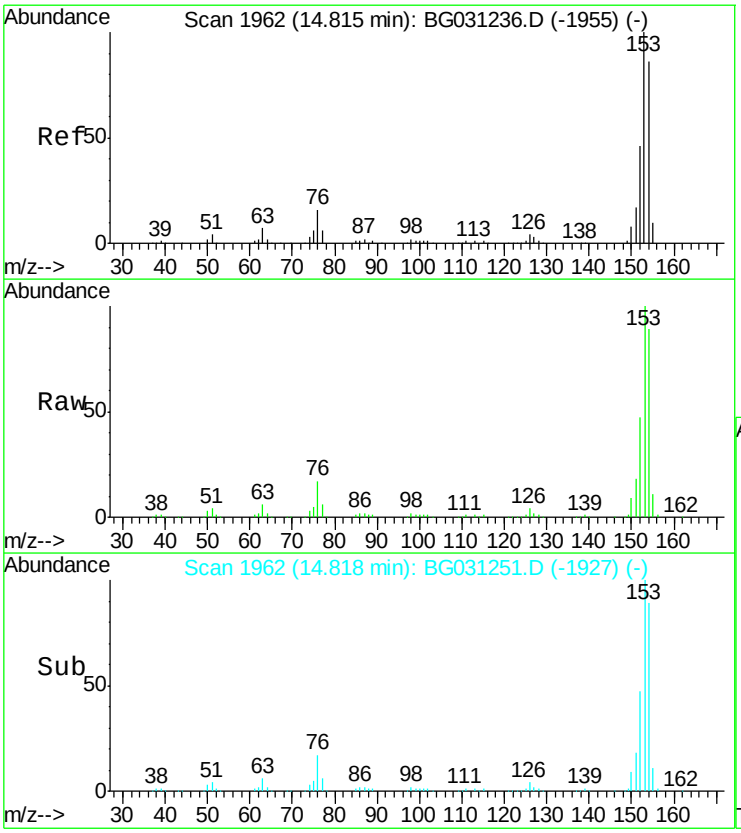
#8
Acenaphthylene
Concen: 20.72 ng/ul
RT: 14.48 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 369111

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.5	26.3
153	13.8	10.6	16.0

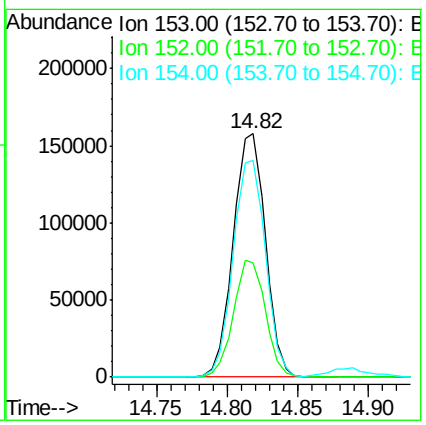


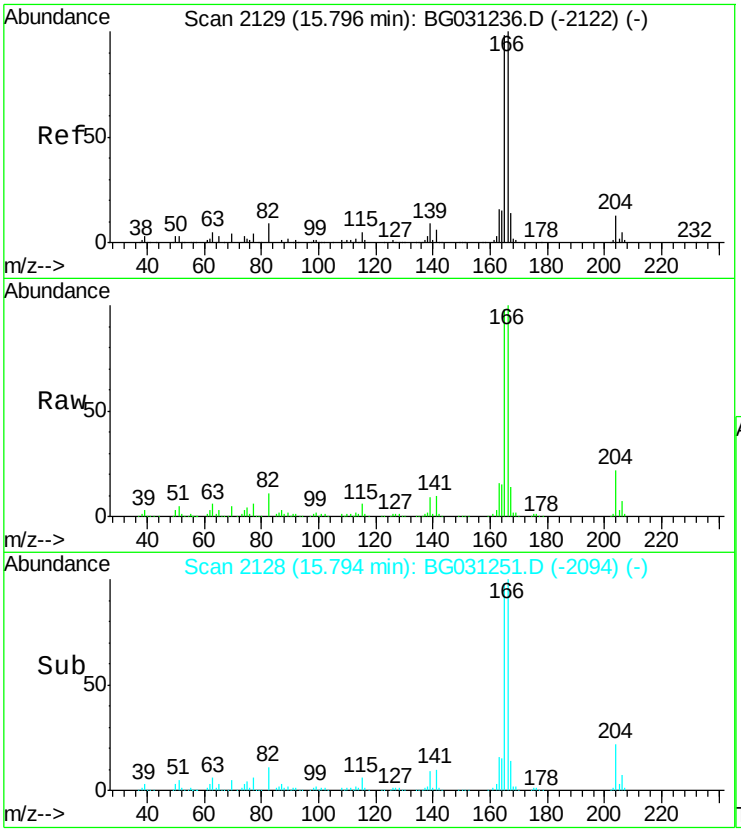


#9
Acenaphthene
Concen: 19.62 ng/ul
RT: 14.82 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Tgt Ion:153 Resp: 252156

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.9	56.9
154	88.8	71.6	107.4



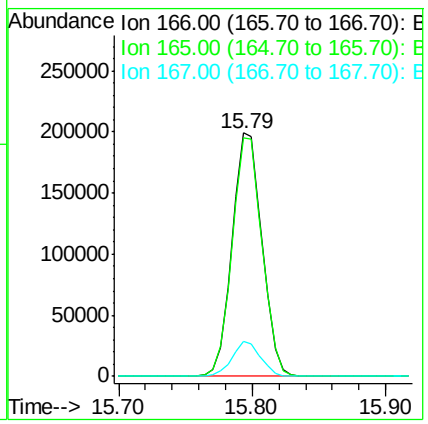


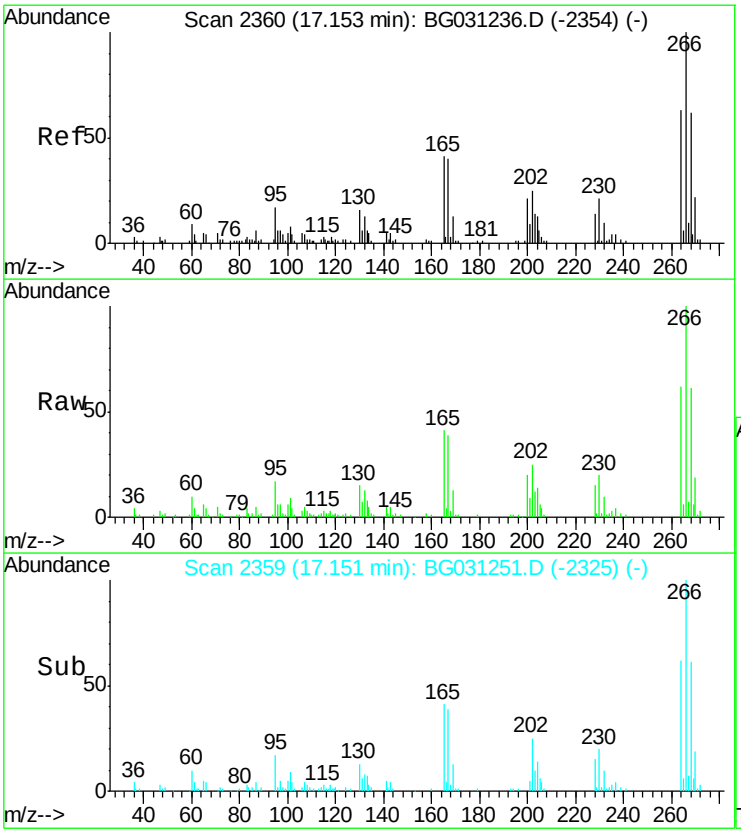
#11
Fluorene
Concen: 19.01 ng/ul
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 309469

Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.0	120.0
167	14.3	11.6	17.4

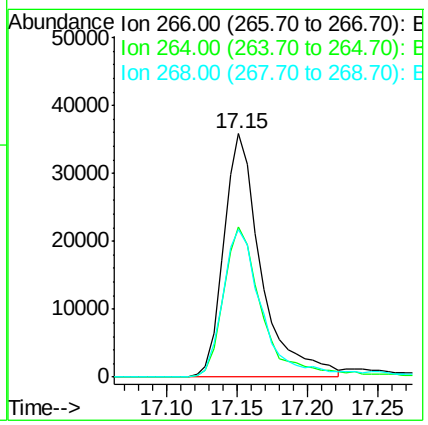


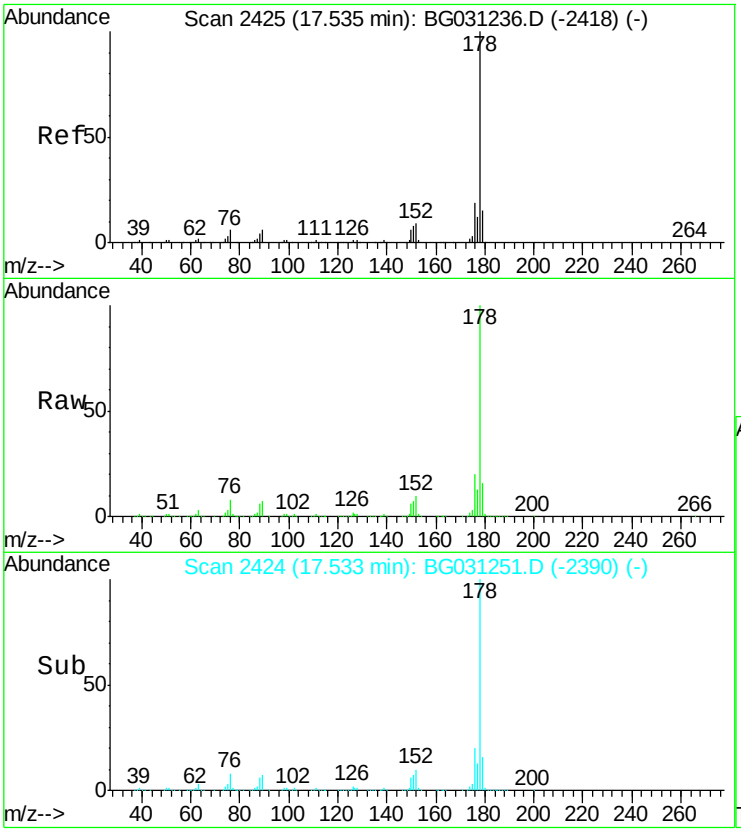


#13
Pentachlorophenol
Concen: 22.25 ng/uL
RT: 17.15 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Tgt Ion:266 Resp: 66067

Ion	Ratio	Lower	Upper
266	100		
264	61.7	52.0	78.0
268	60.9	51.2	76.8



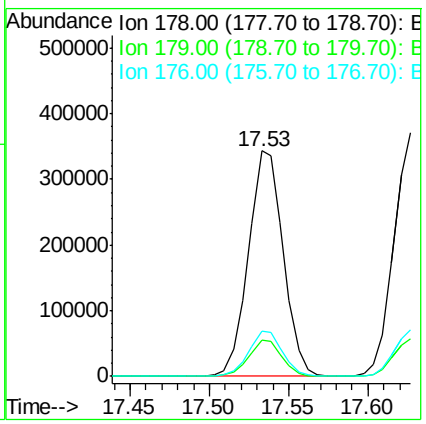


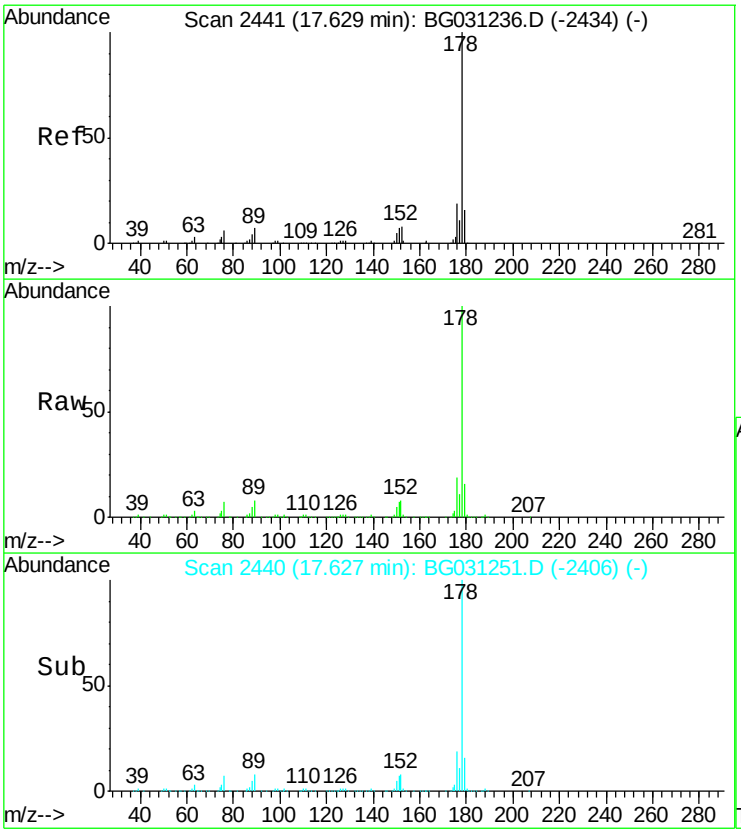
#14
Phenanthrene
Concen: 19.21 ng/ul
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 524708

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	20.1	16.4	24.6

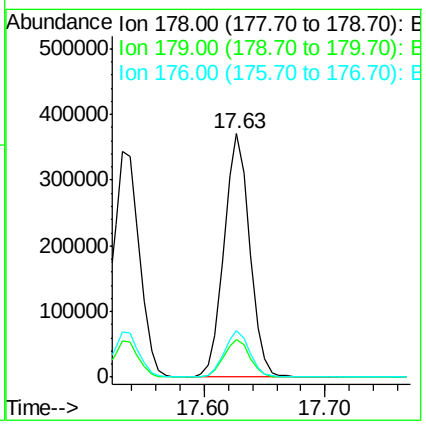


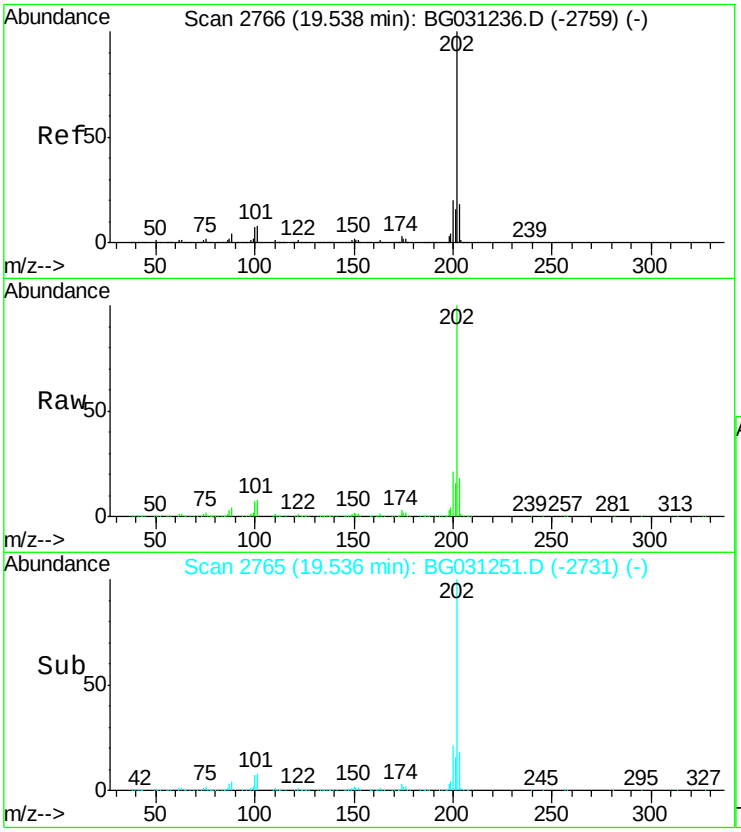


#16
Anthracene
Concen: 19.67 ng/ul
RT: 17.63 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Tgt Ion:178 Resp: 545342

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.7	19.1
176	19.1	15.8	23.8



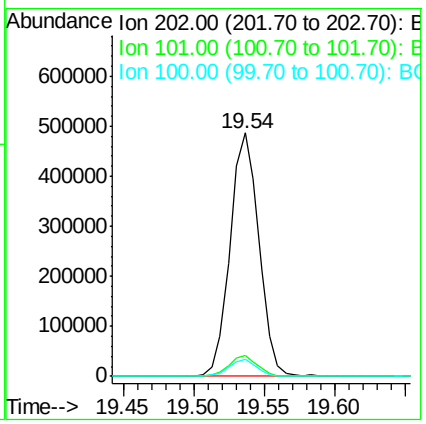


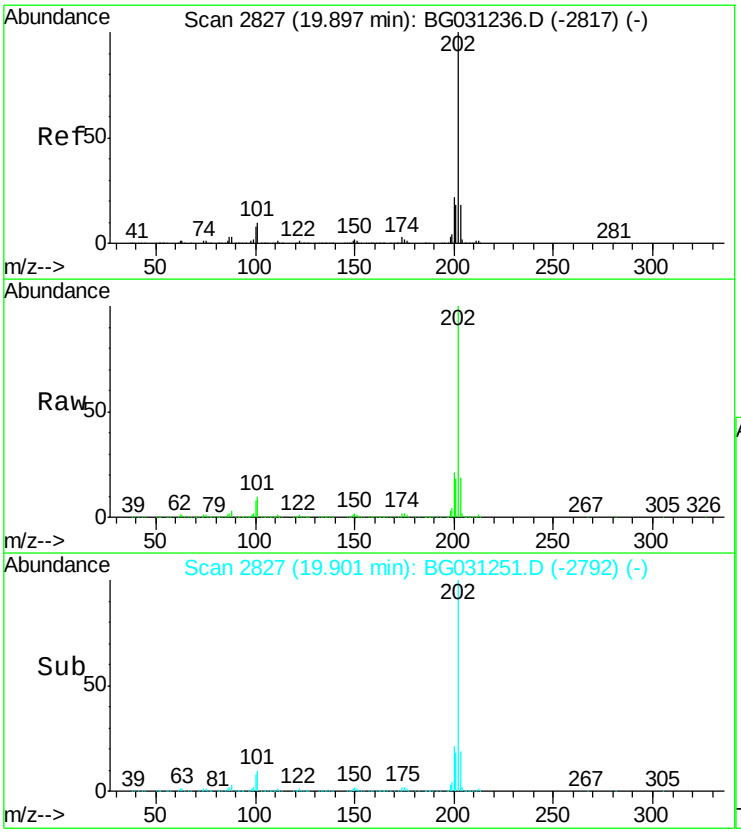
#17
Fluoranthene
Concen: 18.15 ng/ul
RT: 19.54 min Scan# 2765
Delta R.T. -0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 689669

Ion	Ratio	Lower	Upper
202	100		
101	8.4	9.8	14.8#
100	6.9	7.5	11.3#

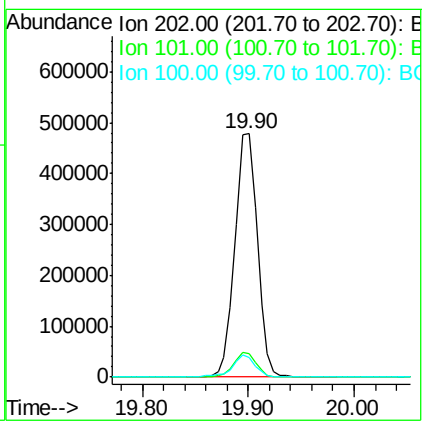


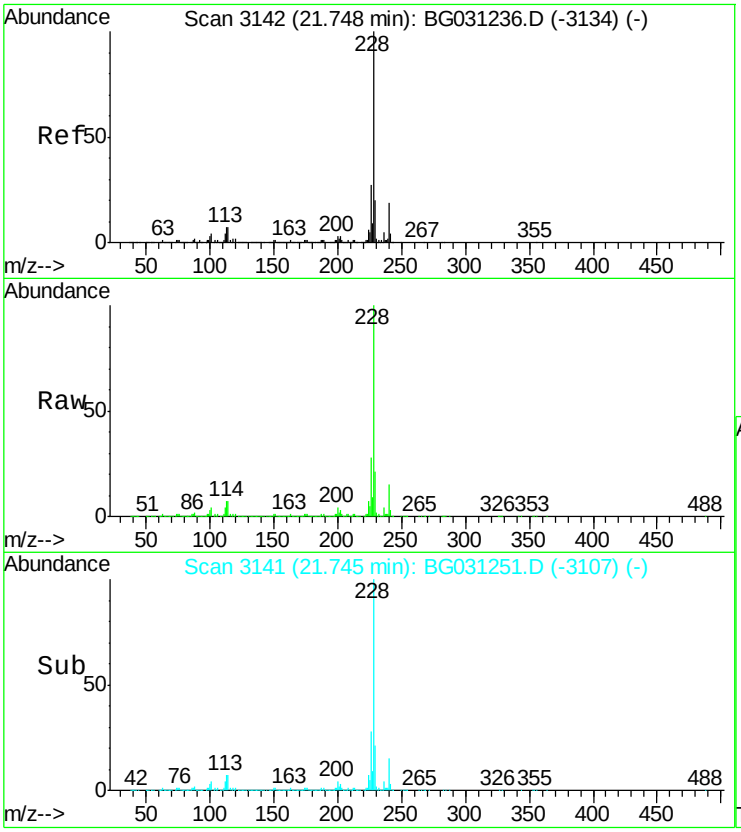


#20
Pyrene
Concen: 23.30 ng/ul
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Tgt Ion:202 Resp: 702296

Ion	Ratio	Lower	Upper
202	100		
101	9.9	11.2	16.8#
100	8.1	9.8	14.6#



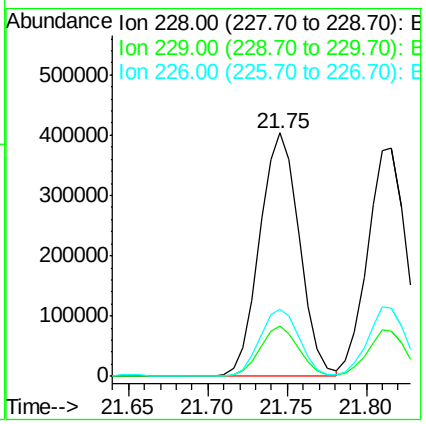


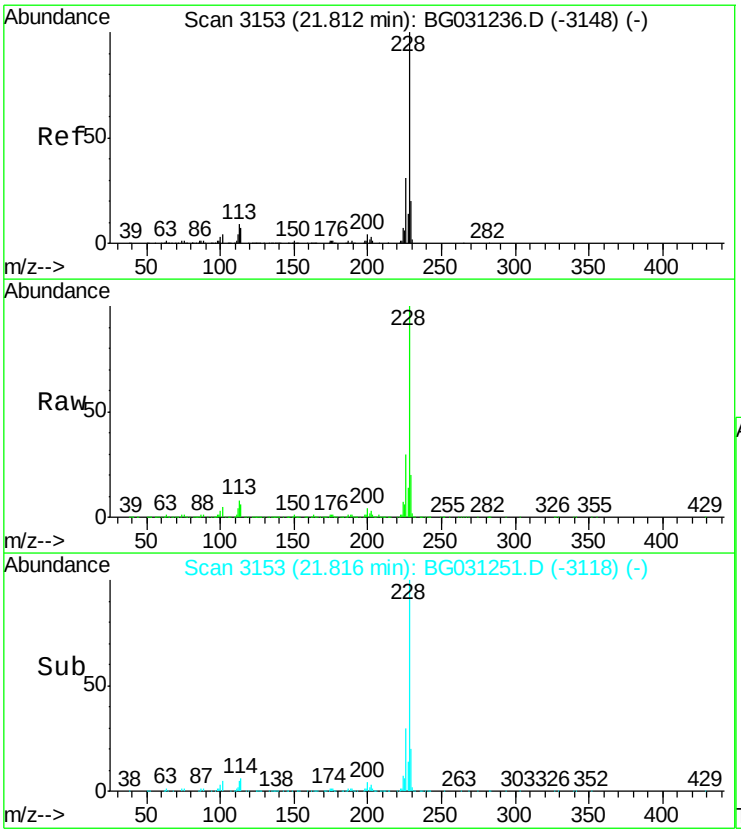
#21
Benzo(a)anthracene
Concen: 20.36 ng/ul
RT: 21.75 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 704292

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.9	23.9
226	27.7	22.1	33.1

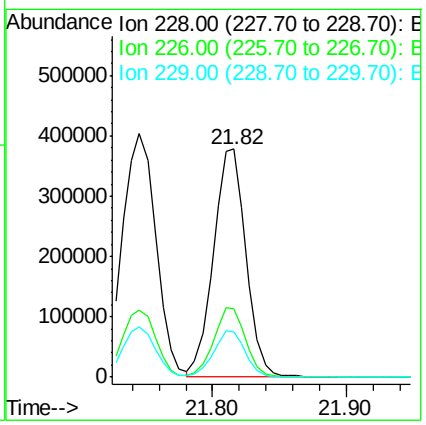


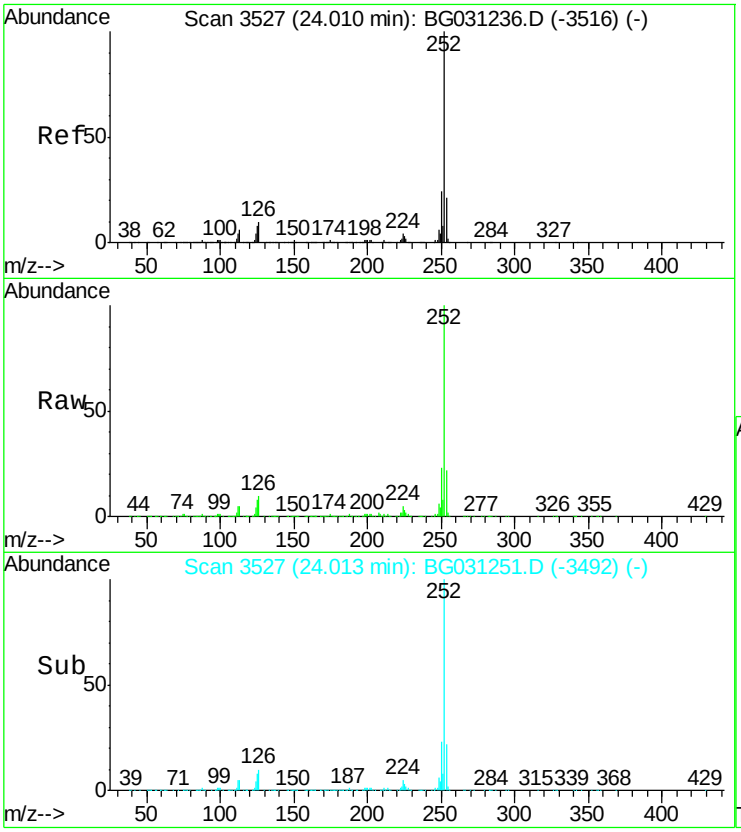


#22
Chrysene
Concen: 19.47 ng/ul
RT: 21.82 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Tgt Ion:228 Resp: 640590

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.9	16.6	25.0



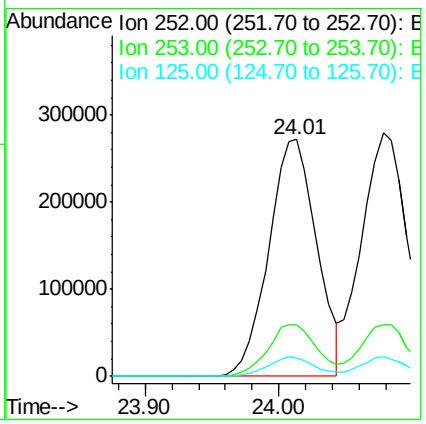


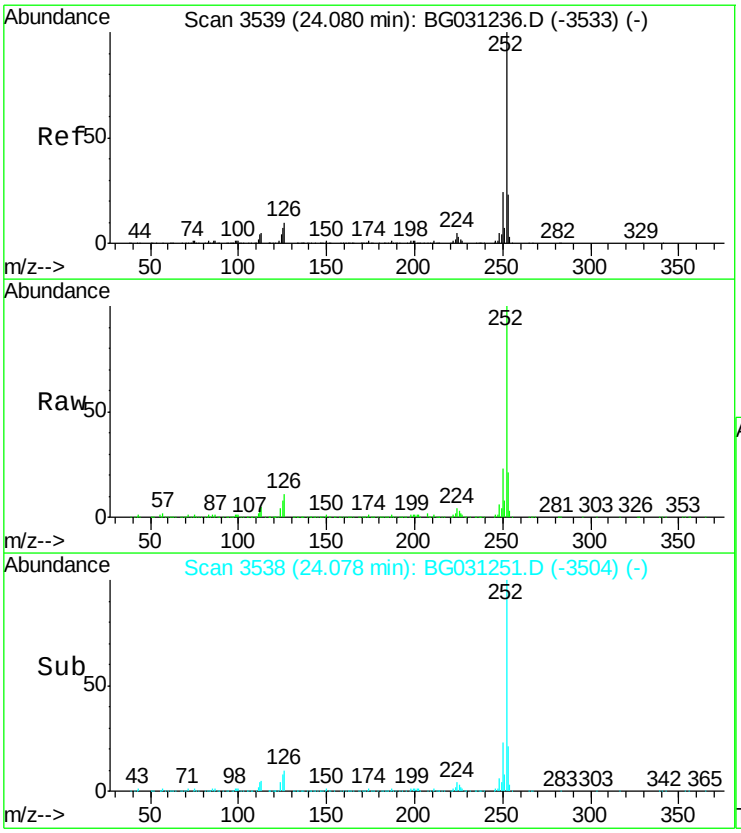
#24
Benzo(b)fluoranthene
Concen: 19.71 ng/ul
RT: 24.01 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 678287

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	7.9	9.4	14.0#

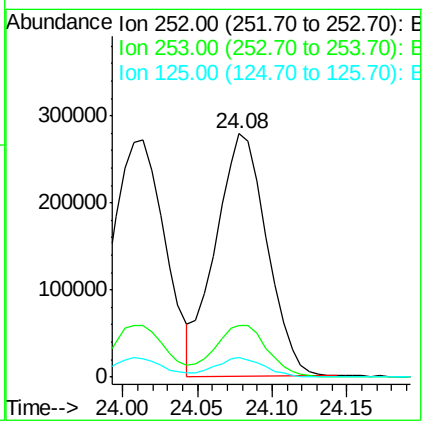


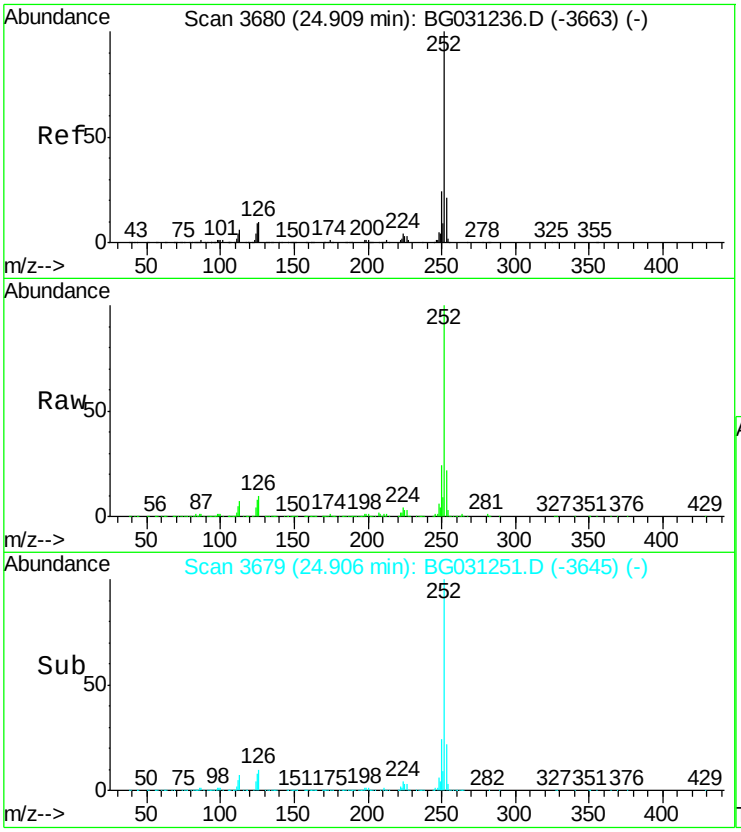


#25
Benzo(k)fluoranthene
Concen: 19.64 ng/ul
RT: 24.08 min Scan# 3538
Delta R.T. -0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Tgt Ion:252 Resp: 665766

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	8.0	8.8	13.2#



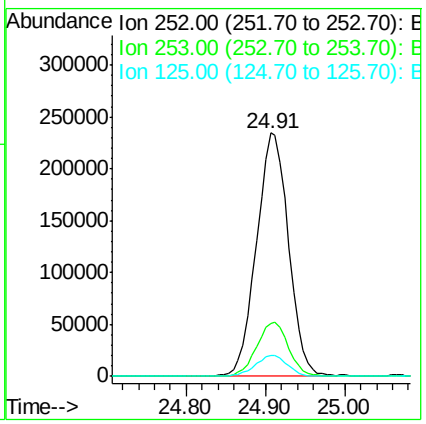


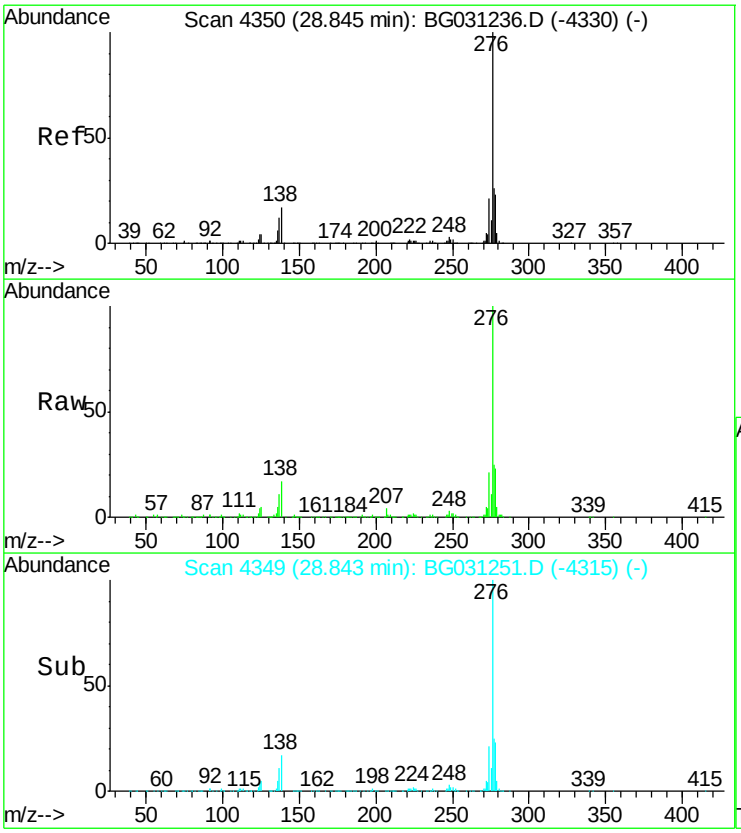
#27
Benzo(a)pyrene
Concen: 19.95 ng/ul
RT: 24.91 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 657764

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	8.5	9.4	14.2#

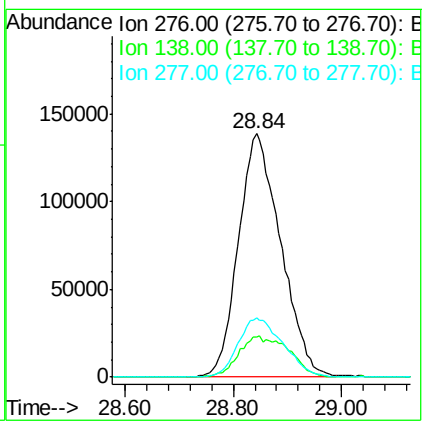


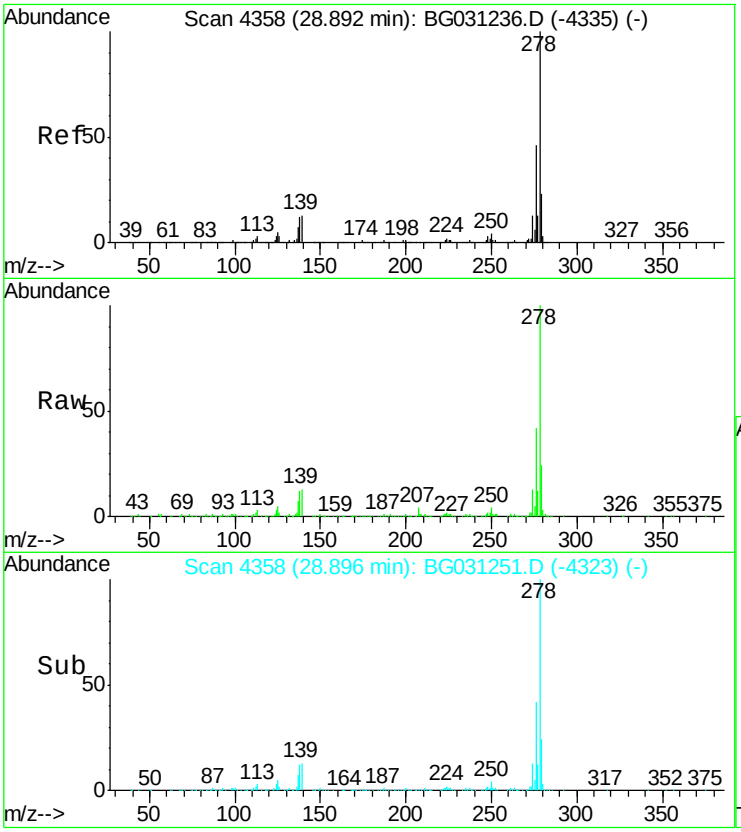


#28
Indeno(1,2,3-cd)pyrene
Concen: 20.03 ng/ul
RT: 28.84 min Scan# 4349
Delta R.T. -0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Tgt Ion:276 Resp: 752770

Ion	Ratio	Lower	Upper
276	100		
138	16.5	17.8	26.6#
277	24.5	19.4	29.0



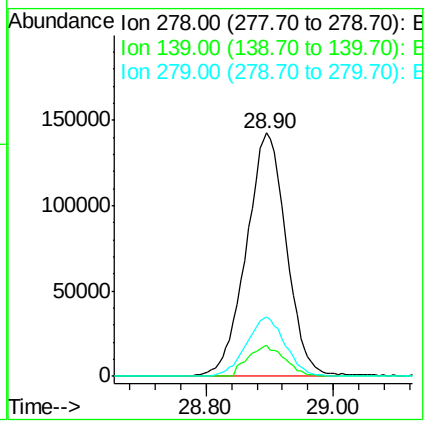


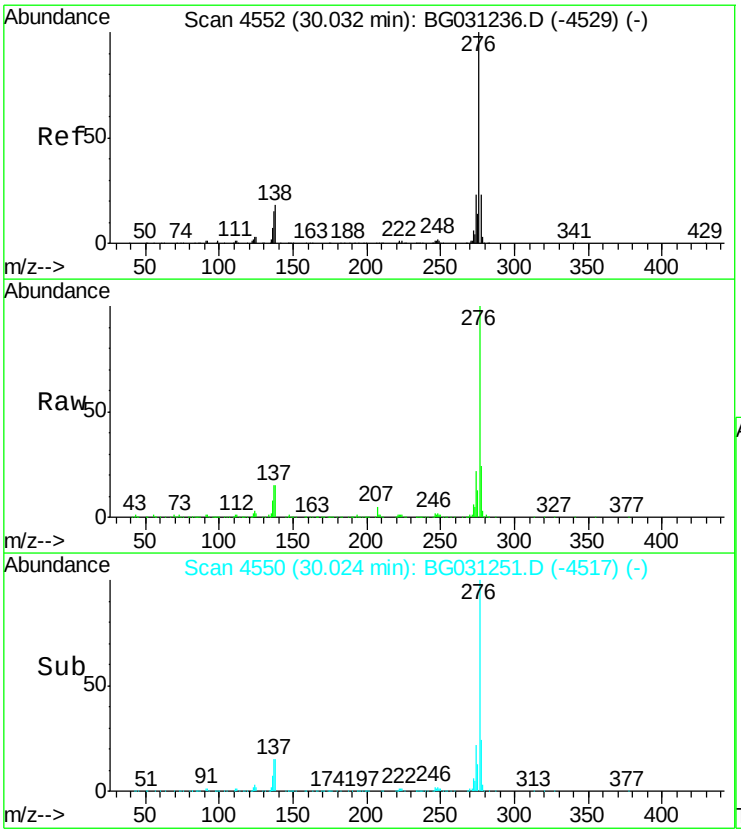
#29
Dibenzo(a,h)anthracene
Concen: 19.87 ng/ul
RT: 28.90 min Scan# 4358
Delta R.T. 0.00 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 618505

Ion	Ratio	Lower	Upper
278	100		
139	12.9	14.0	21.0#
279	24.2	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 11.02 ng/ul
RT: 30.02 min Scan# 4550
Delta R.T. -0.01 min
Lab File: BG031251.D
Acq: 28 Nov 2017 4:57

Tgt Ion:276 Resp: 344990

Ion	Ratio	Lower	Upper
276	100		
138	14.9	19.0	28.4#
277	24.2	19.7	29.5