Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
Data File : BG031126.D
Acq On : 20 Nov 2017 12:08
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02068

Quant Time: Nov 21 04:46:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 20 01:33:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	45759	20.00	ng/ul	0.00
2) Naphthalene-d8	10.96	136	209515	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	144413	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	362587	20.00	ng/ul	0.00
18) Chrysene-d12	21.78	240	392562	20.00	ng/ul	0.00
23) Perylene-d12	25.11	264	392297	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	74462	18.84	ng/uL	0.00
7) Acenaphthylene-d8	14.46	160	317023	21.11	ng/ul	0.00
10) Fluorene-d10	15.75	176	237550	19.69	ng/ul	0.00
15) Anthracene-d10	17.60	188	371954	20.49	ng/ul	0.00
19) Pyrene-d10	19.88	212	433401	24.17	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.88	264	393424	20.27	ng/ul	0.03
Target Compounds						Qvalue
4) Naphthalene	11.00	128	207612	20.70	ng/ul	99
5) 2-Methylnaphthalene	12.60	142	165254	19.97	ng/ul	95
8) Acenaphthylene	14.49	152	285924	21.74	ng/ul	98
9) Acenaphthene	14.83	153	199871	21.06	ng/ul	100
11) Fluorene	15.81	166	234312	19.49	ng/ul	99
13) Pentachlorophenol	17.16	266	30125	14.24	ng/uL	95
14) Phenanthrene	17.55	178	405050	20.82	ng/ul	99
16) Anthracene	17.64	178	413673	20.94	ng/ul	99
17) Fluoranthene	19.55	202	508988	18.80	ng/ul#	89
20) Pyrene	19.91	202	499603	23.98	ng/ul#	88
21) Benzo(a)anthracene	21.77	228	511102	21.37	ng/ul	99
22) Chrysene	21.83	228	476567	20.95	ng/ul	98
24) Benzo(b)fluoranthene	24.05	252	490539	20.70	ng/ul#	96
25) Benzo(k)fluoranthene	24.11	252	480676	20.59	ng/ul#	95
27) Benzo(a)pyrene	24.95	252	476919	20.99	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	28.92	276	533941	20.62	ng/ul#	90
29) Dibenzo(a,h)anthracene	28.96	278	442118	20.62	ng/ul#	91
30) Benzo(g,h,i)perylene	30.12	276	430217	19.95	ng/ul#	91

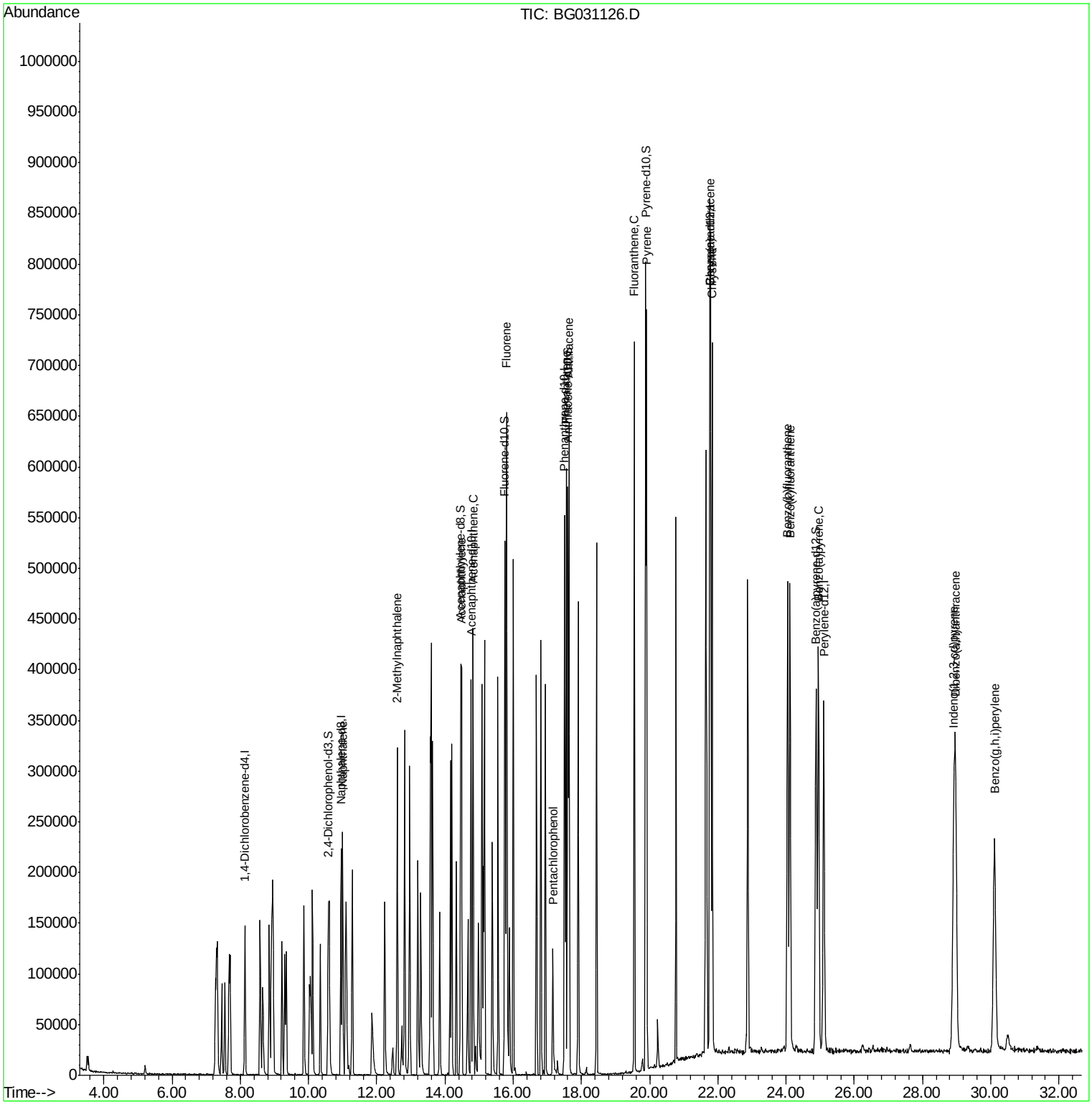
(#) = qualifier out of range (m) = manual integration (+) = signals summed

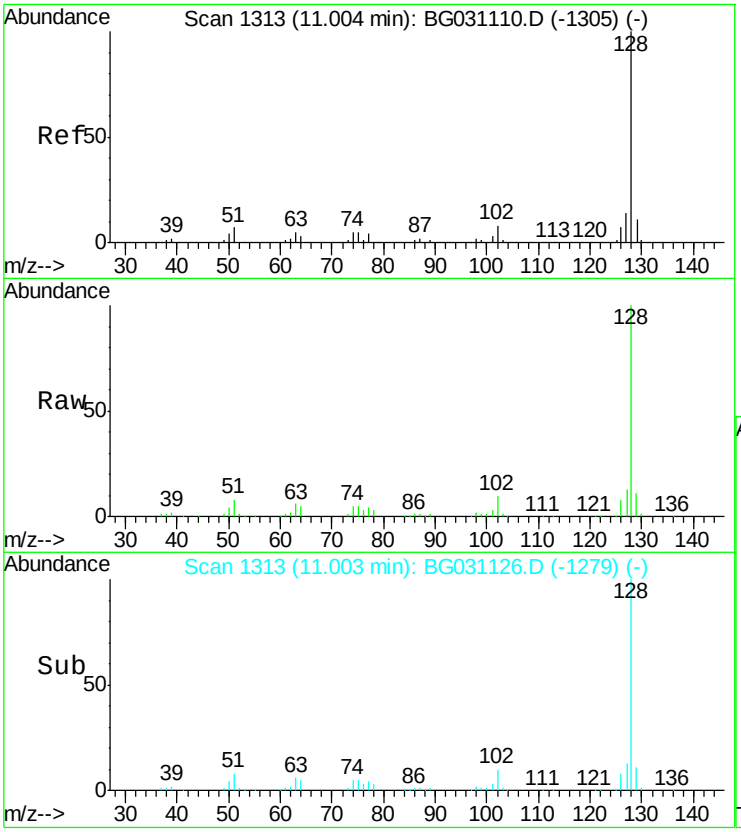
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
Data File : BG031126.D
Acq On : 20 Nov 2017 12:08
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02068

Quant Time: Nov 21 04:46:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 20 01:33:00 2017
Response via : Initial Calibration



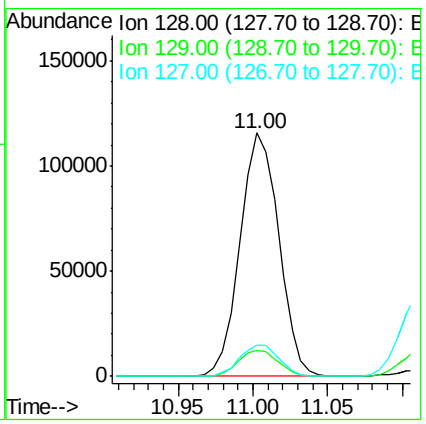


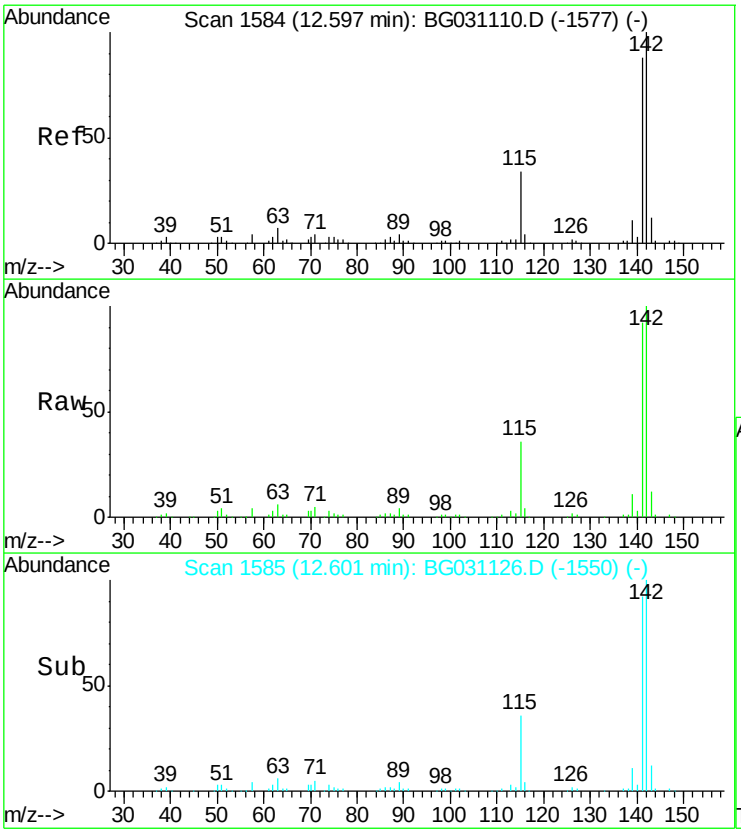
#4
Naphthalene
Concen: 20.70 ng/ul
RT: 11.00 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Instrument :
BNA_G
ClientSampleId :
SSTD02068

Tgt Ion:128 Resp: 207612

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.0	10.6	15.8

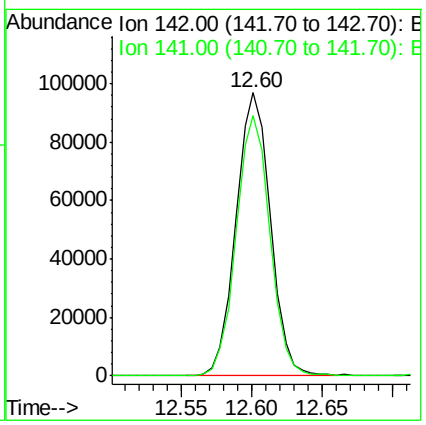


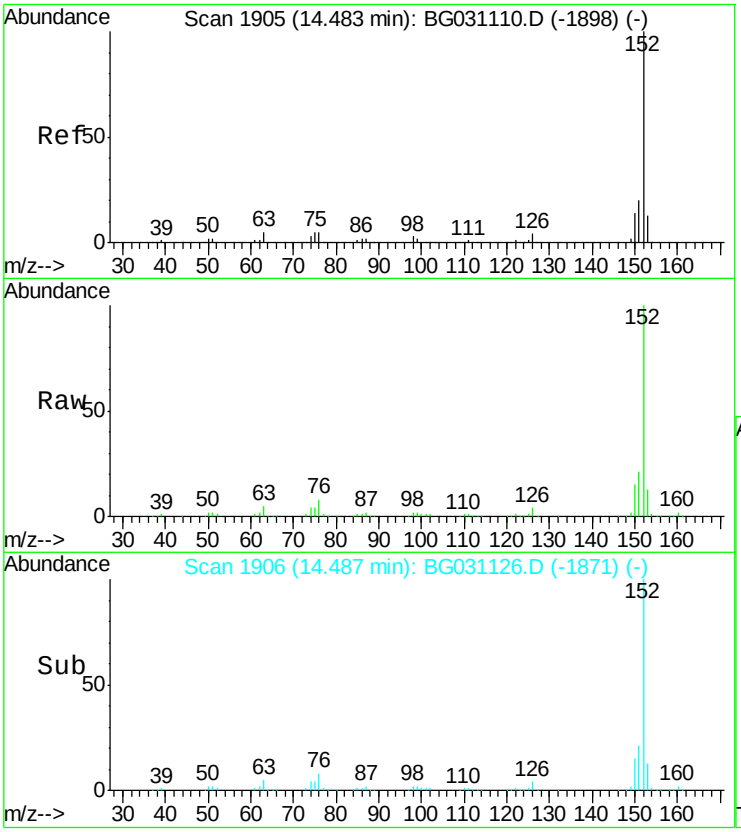


#5
2-Methylnaphthalene
Concen: 19.97 ng/ul
RT: 12.60 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Tgt Ion:142 Resp: 165254

Ion	Ratio	Lower	Upper
142	100		
141	92.0	69.8	104.8



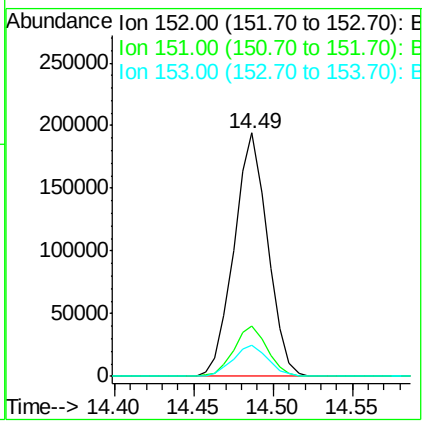


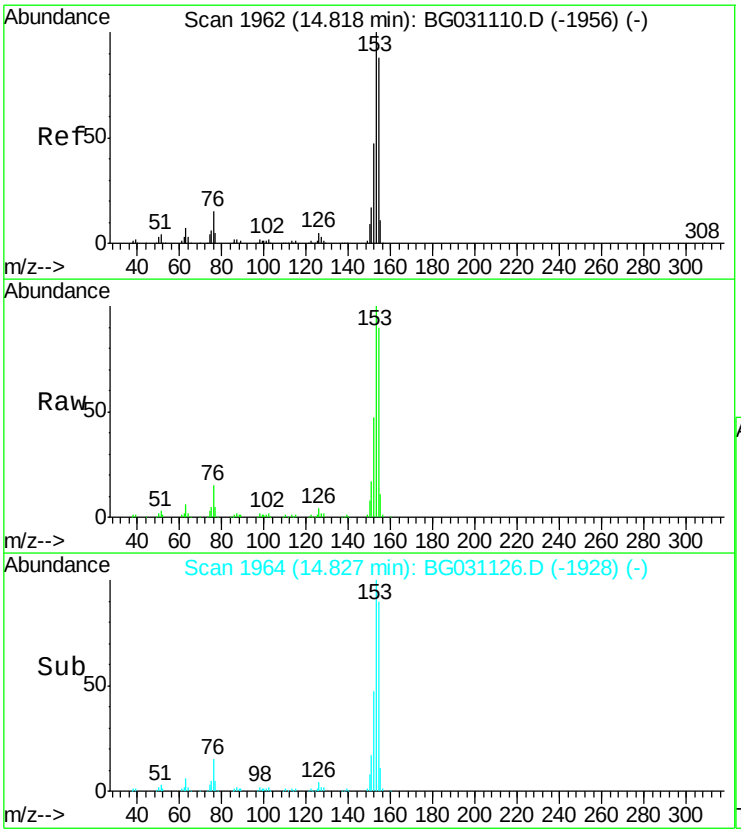
#8
Acenaphthylene
Concen: 21.74 ng/ul
RT: 14.49 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Instrument :
BNA_G
ClientSampleId :
SSTD02068

Tgt Ion:152 Resp: 285924

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.5	26.3
153	13.0	10.6	16.0

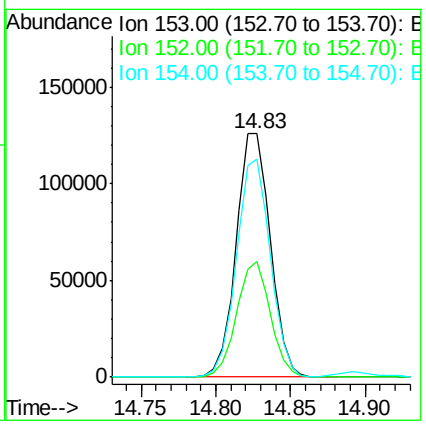


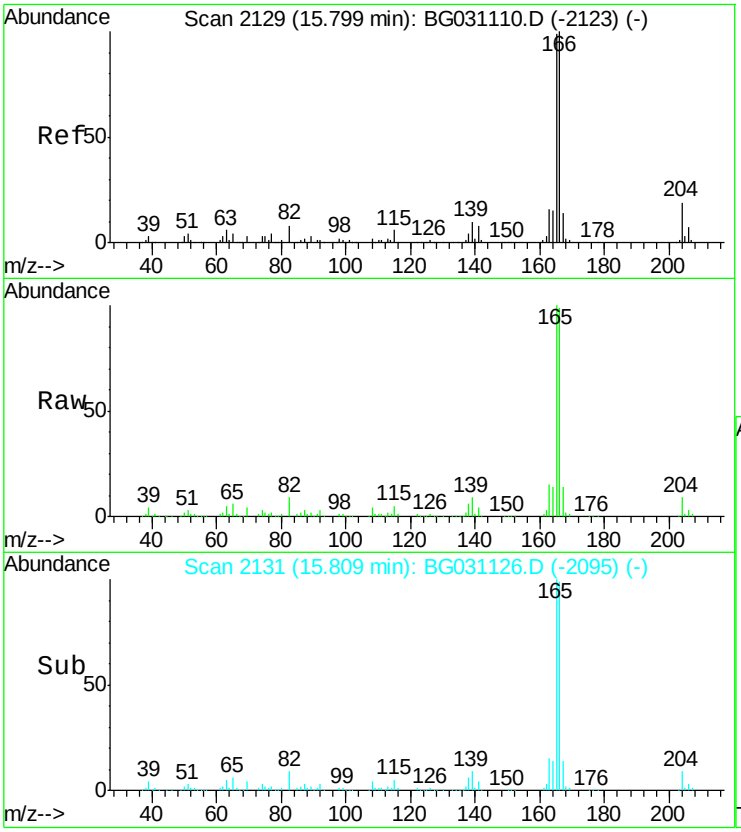


#9
Acenaphthene
Concen: 21.06 ng/ul
RT: 14.83 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Tgt Ion:153 Resp: 199871

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.9	56.9
154	89.8	71.6	107.4



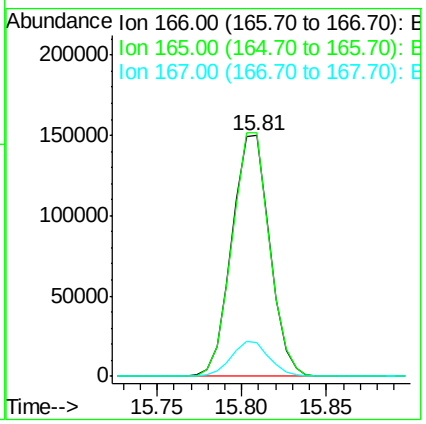


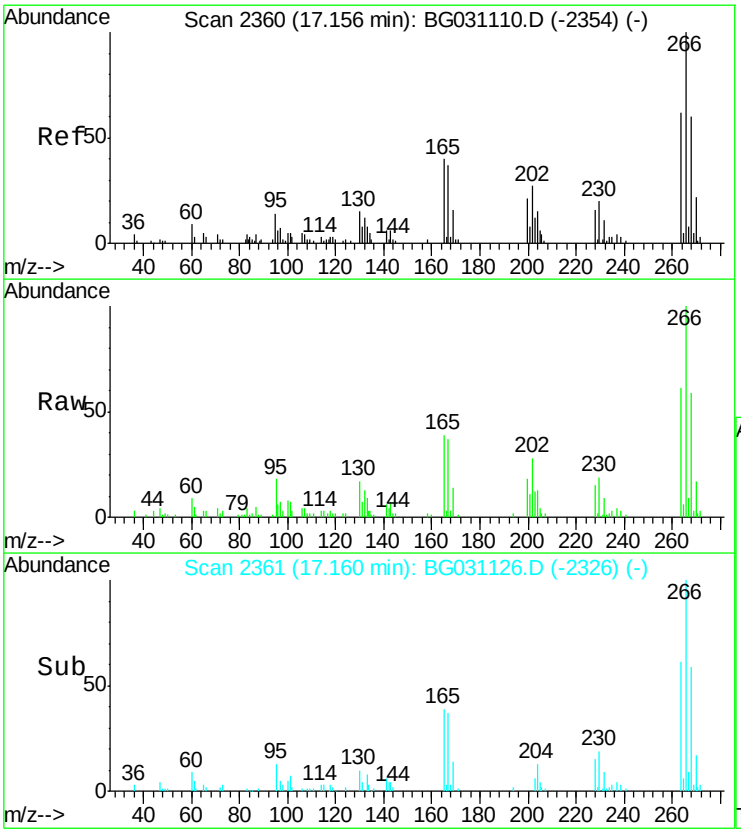
#11
Fluorene
Concen: 19.49 ng/ul
RT: 15.81 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Instrument :
BNA_G
ClientSampleId :
SSTD02068

Tgt Ion:166 Resp: 234312

Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.0	120.0
167	14.1	11.6	17.4

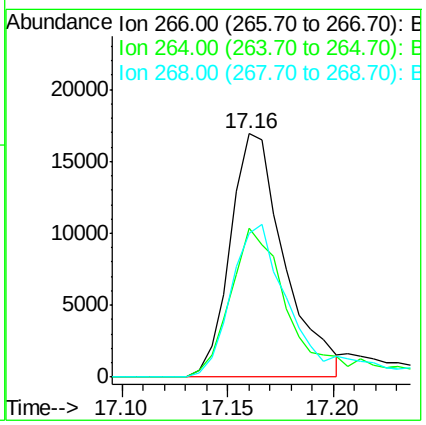


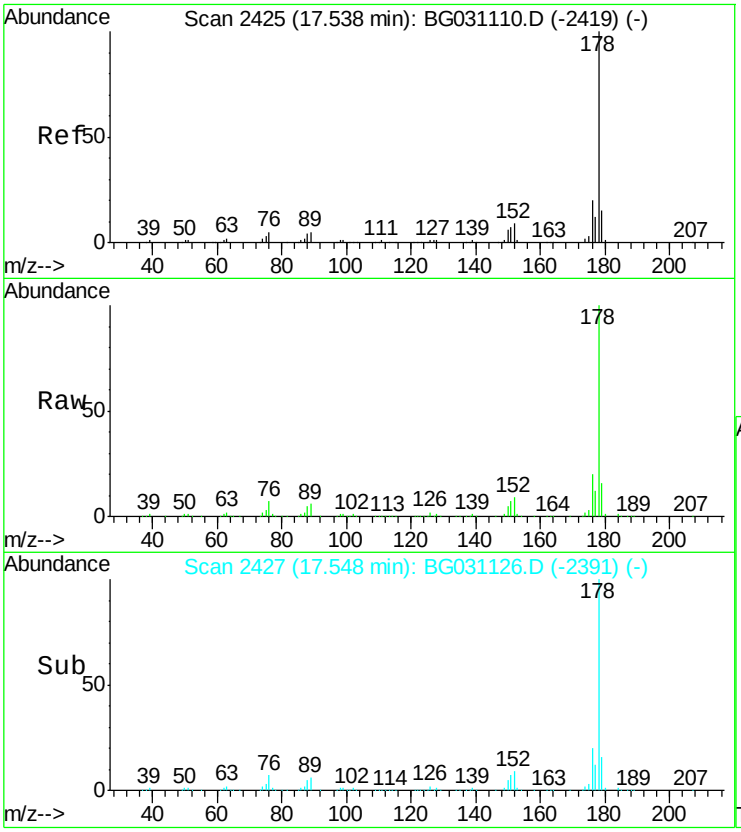


#13
Pentachlorophenol
Concen: 14.24 ng/uL
RT: 17.16 min Scan# 2361
Delta R.T. 0.00 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Tgt Ion:266 Resp: 30125

Ion	Ratio	Lower	Upper
266	100		
264	61.3	52.0	78.0
268	59.2	51.2	76.8



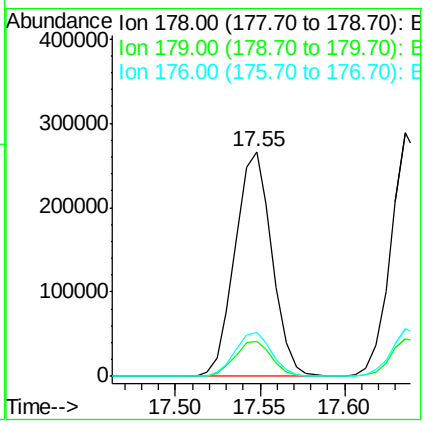


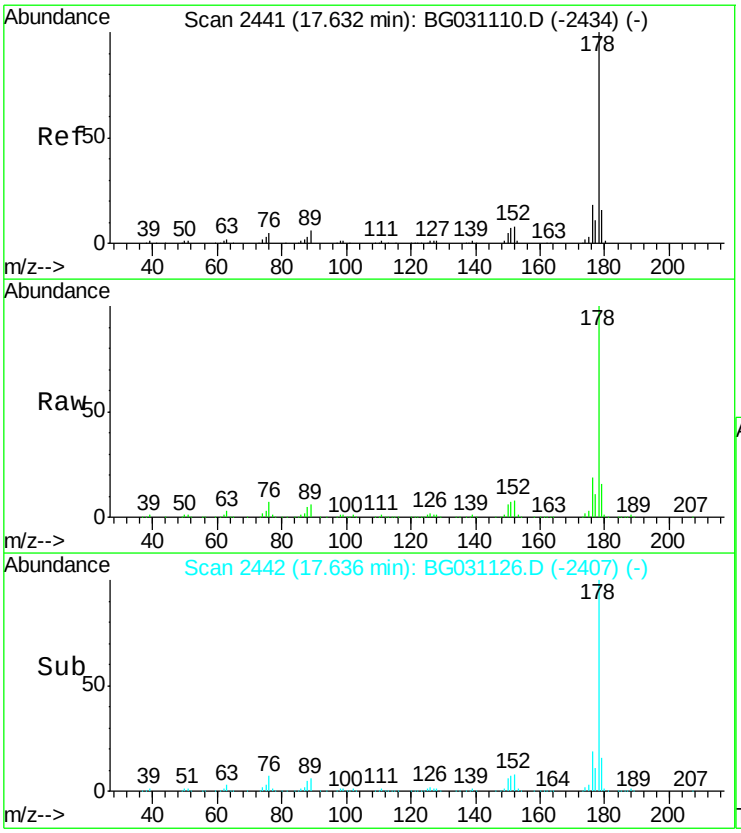
#14
Phenanthrene
Concen: 20.82 ng/ul
RT: 17.55 min Scan# 2427
Delta R.T. 0.01 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Instrument :
BNA_G
ClientSampleId :
SSTD02068

Tgt Ion:178 Resp: 405050

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	19.7	16.4	24.6

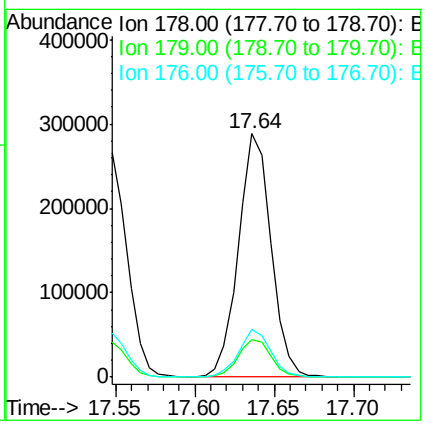


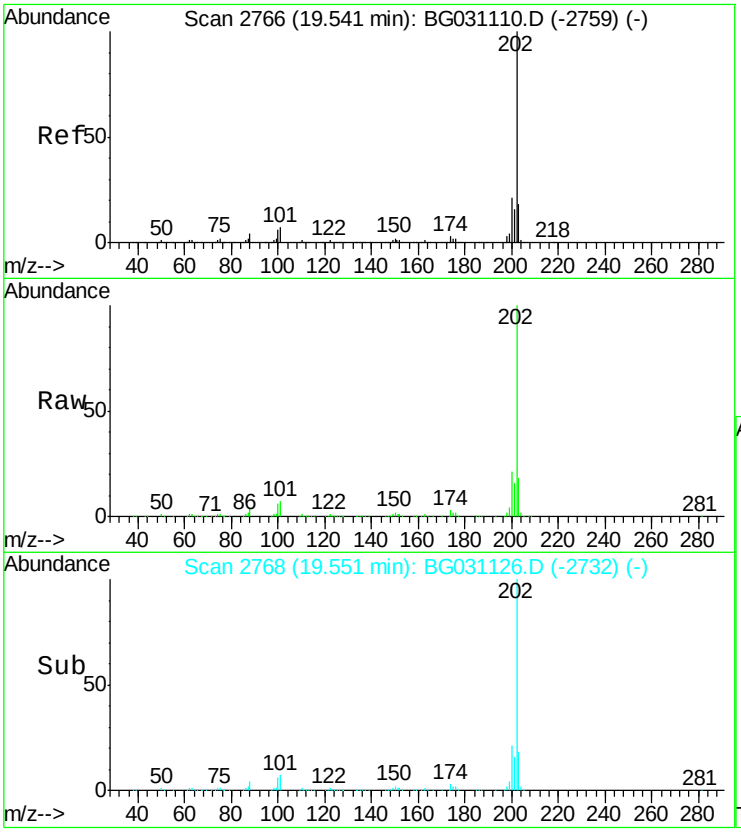


#16
Anthracene
Concen: 20.94 ng/ul
RT: 17.64 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Tgt Ion:178 Resp: 413673

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.7	19.1
176	19.4	15.8	23.8



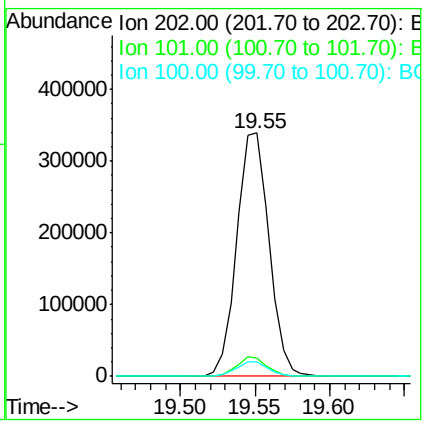


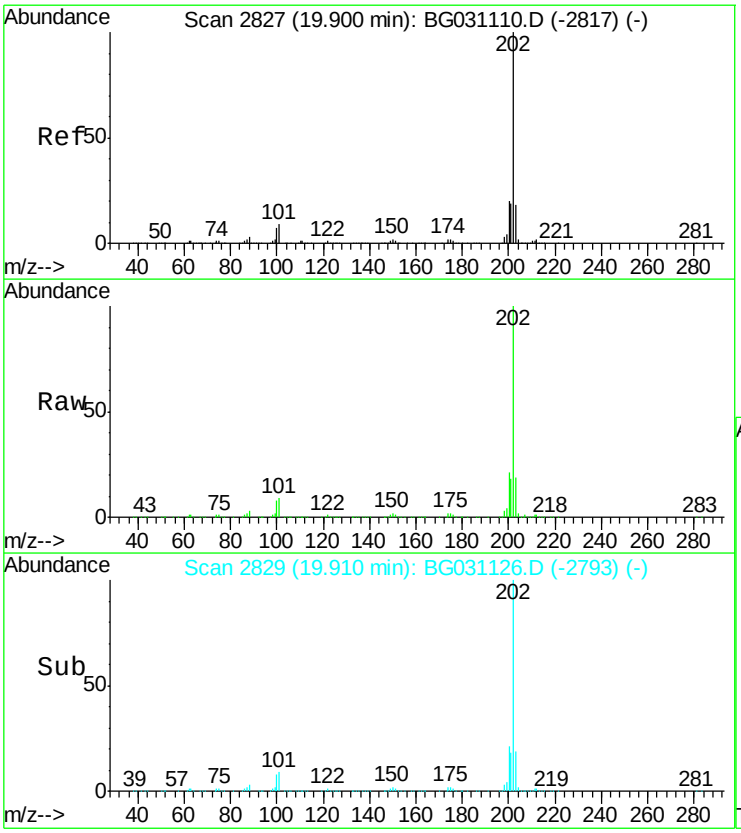
#17
Fluoranthene
Concen: 18.80 ng/ul
RT: 19.55 min Scan# 2768
Delta R.T. 0.01 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Instrument :
BNA_G
ClientSampleId :
SSTD02068

Tgt Ion:202 Resp: 508988

Ion	Ratio	Lower	Upper
202	100		
101	7.5	9.8	14.8#
100	6.0	7.5	11.3#

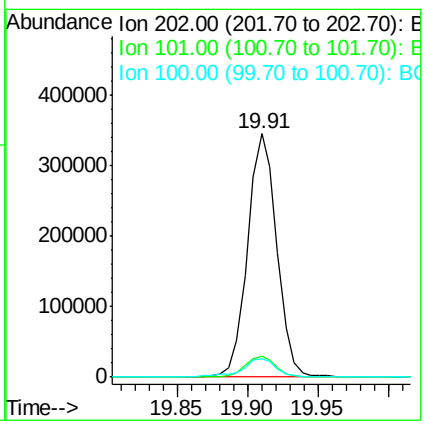


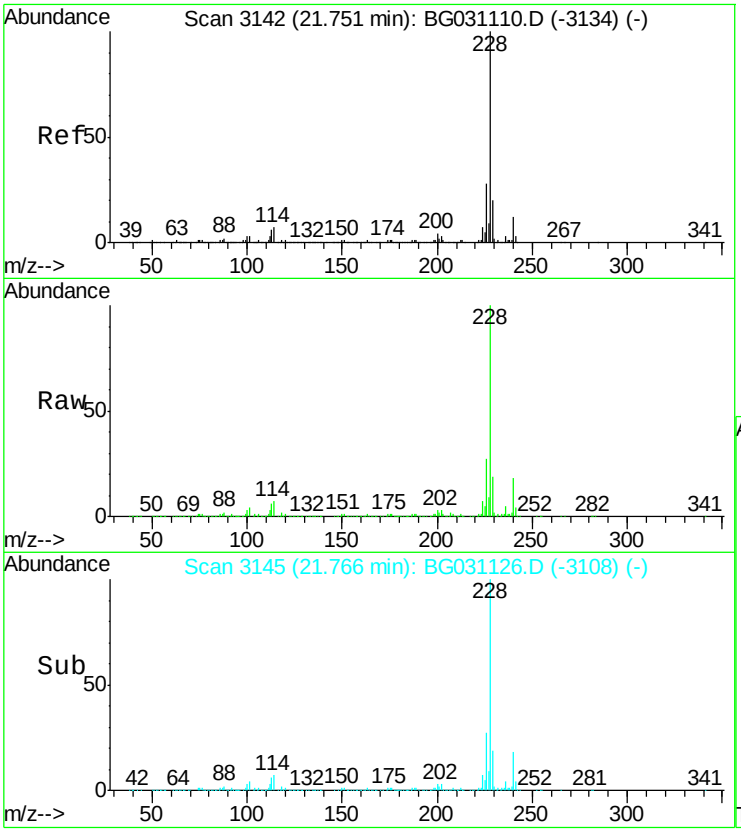


#20
Pyrene
Concen: 23.98 ng/ul
RT: 19.91 min Scan# 2829
Delta R.T. 0.01 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Tgt Ion:202 Resp: 499603

Ion	Ratio	Lower	Upper
202	100		
101	8.7	11.2	16.8#
100	7.8	9.8	14.6#



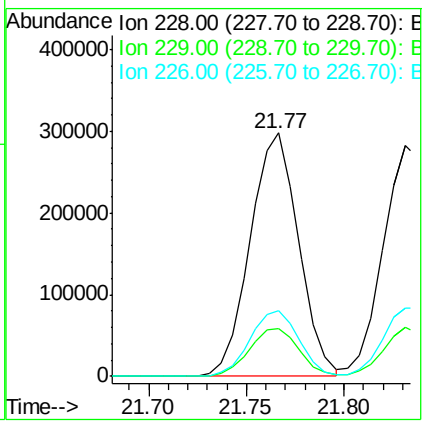


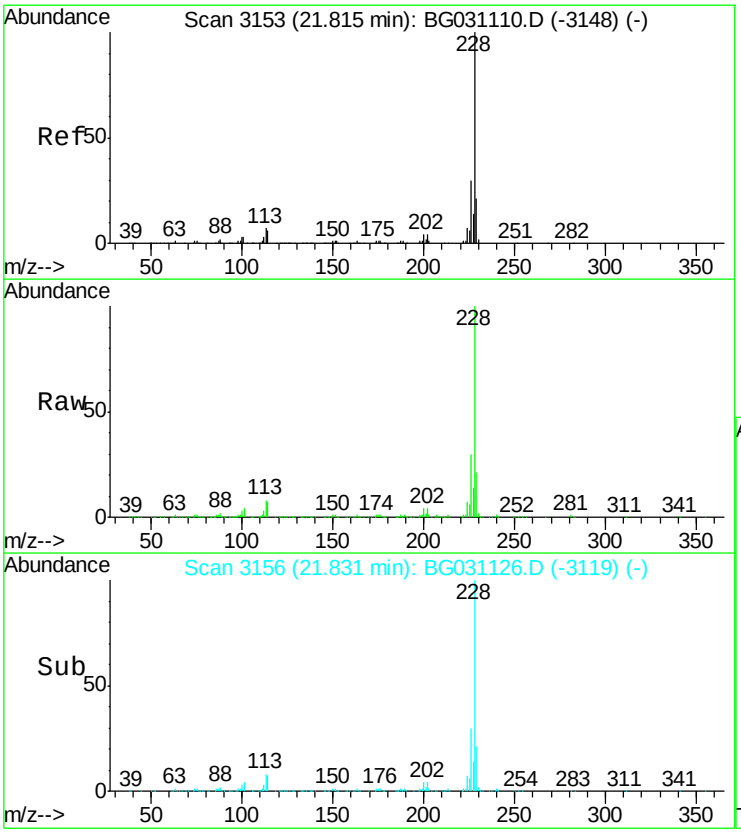
#21
Benzo(a)anthracene
Concen: 21.37 ng/ul
RT: 21.77 min Scan# 3145
Delta R.T. 0.02 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Instrument :
BNA_G
ClientSampleId :
SSTD02068

Tgt Ion:228 Resp: 511102

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.9	23.9
226	26.8	22.1	33.1

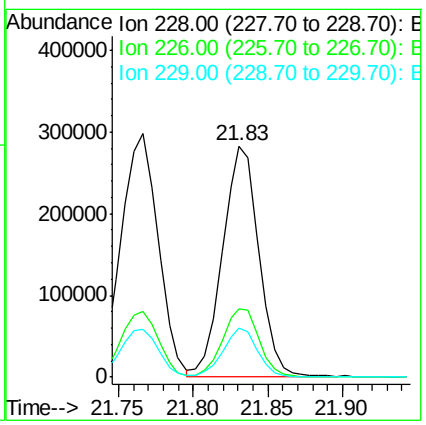


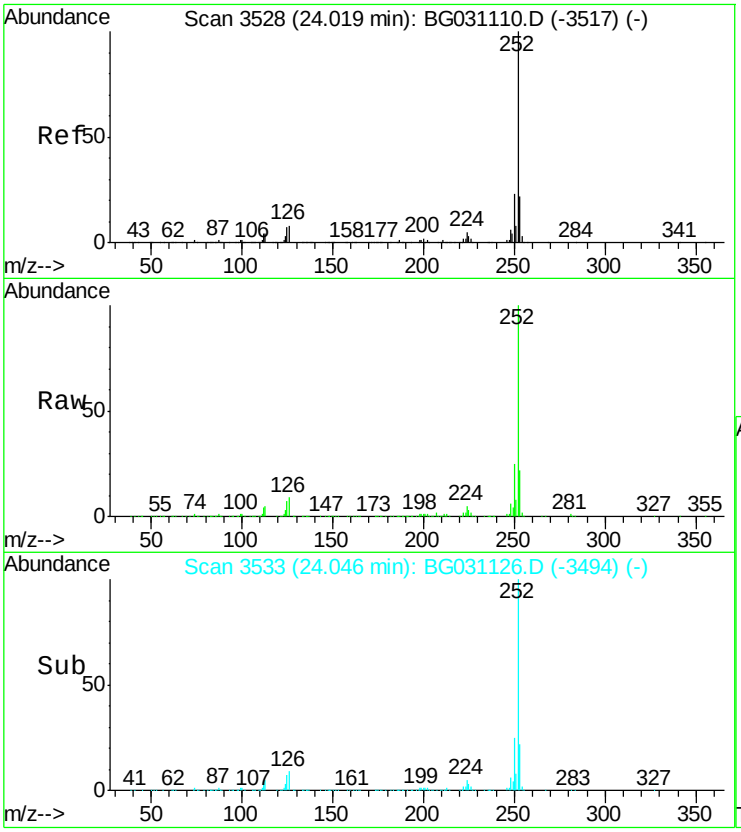


#22
Chrysene
Concen: 20.95 ng/ul
RT: 21.83 min Scan# 3156
Delta R.T. 0.02 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Tgt Ion:228 Resp: 476567

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	21.0	16.6	25.0



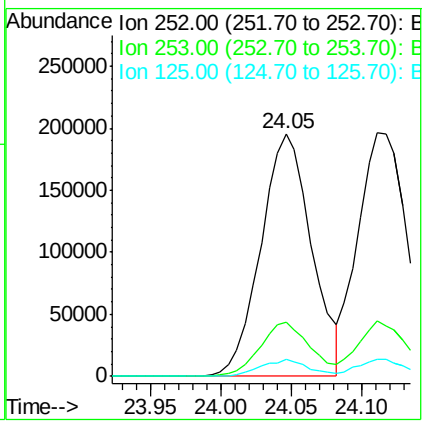


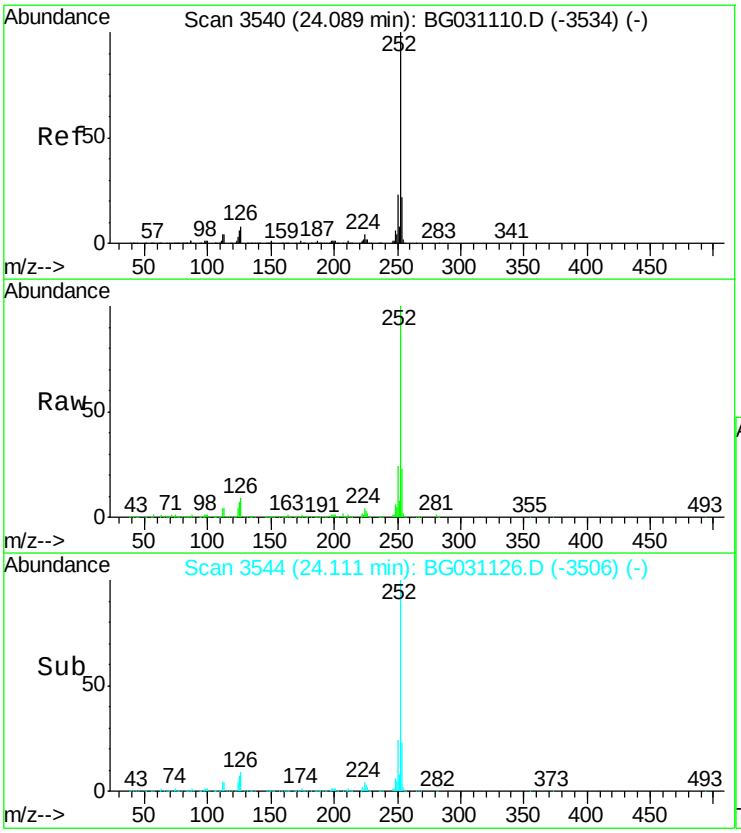
#24
Benzo(b)fluoranthene
Concen: 20.70 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. 0.03 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Instrument :
BNA_G
ClientSampleId :
SSTD02068

Tgt Ion:252 Resp: 490539

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.1	9.4	14.0#

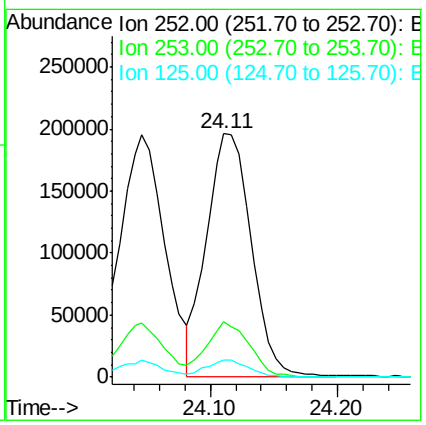


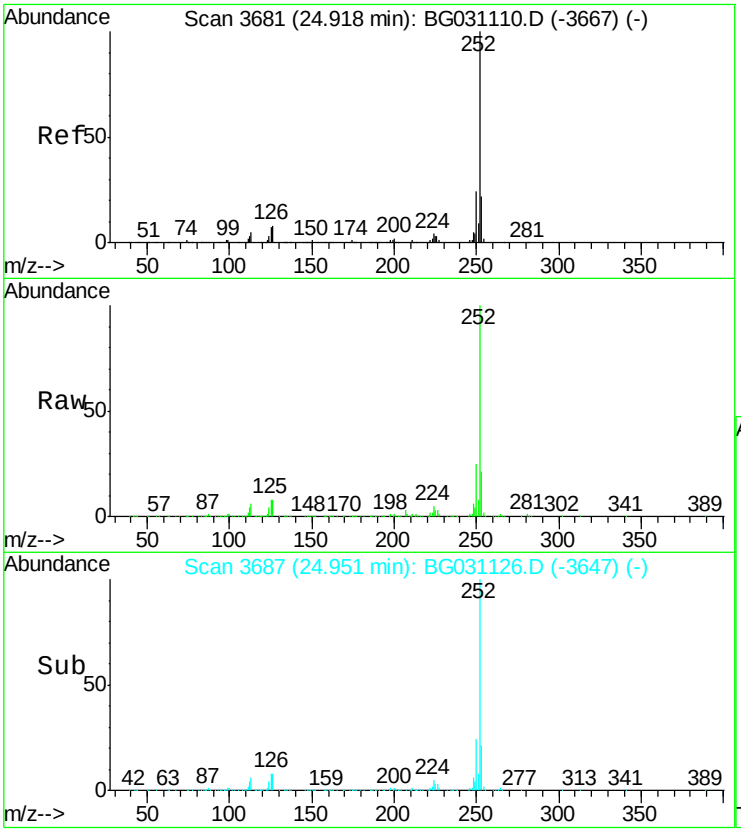


#25
Benzo(k)fluoranthene
Concen: 20.59 ng/ul
RT: 24.11 min Scan# 3544
Delta R.T. 0.02 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Tgt Ion:252 Resp: 480676

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	7.1	8.8	13.2#



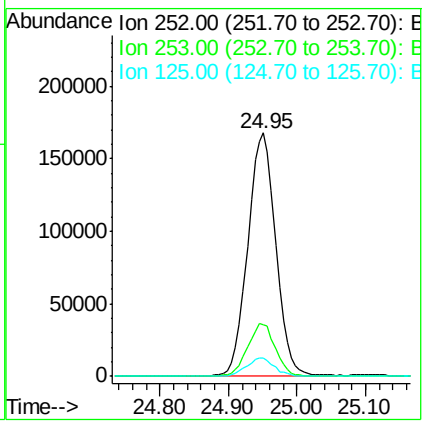


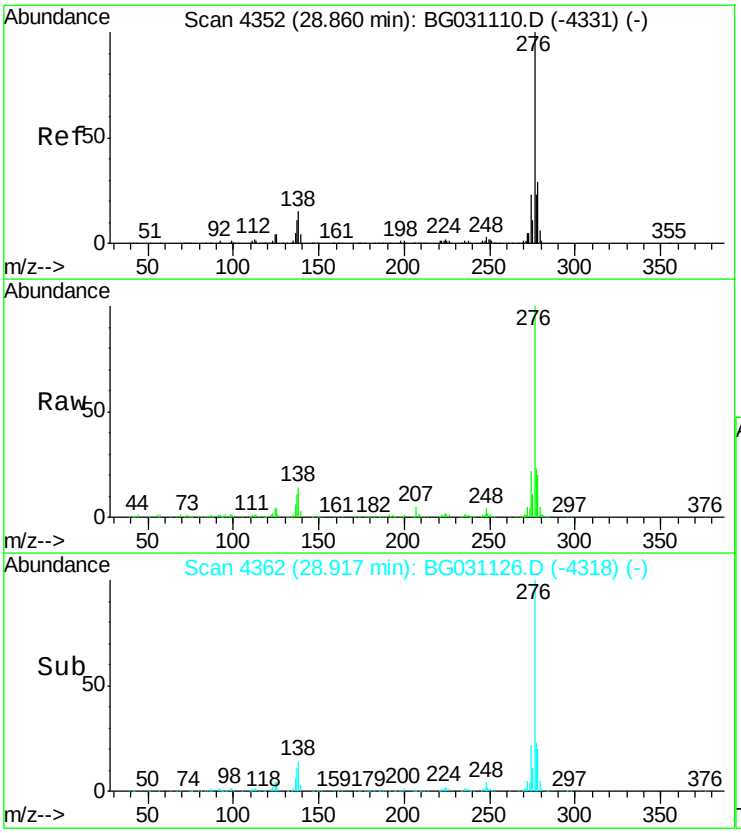
#27
Benzo(a)pyrene
Concen: 20.99 ng/ul
RT: 24.95 min Scan# 3687
Delta R.T. 0.03 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Instrument :
BNA_G
ClientSampleId :
SSTD02068

Tgt Ion:252 Resp: 476919

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	7.8	9.4	14.2#

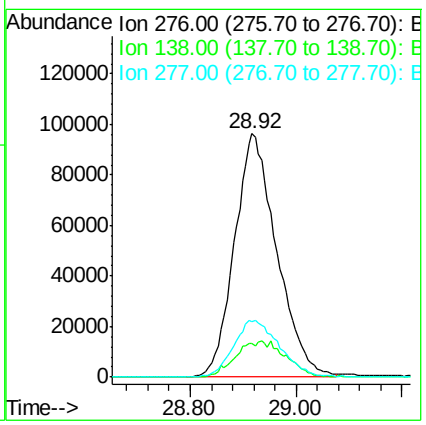


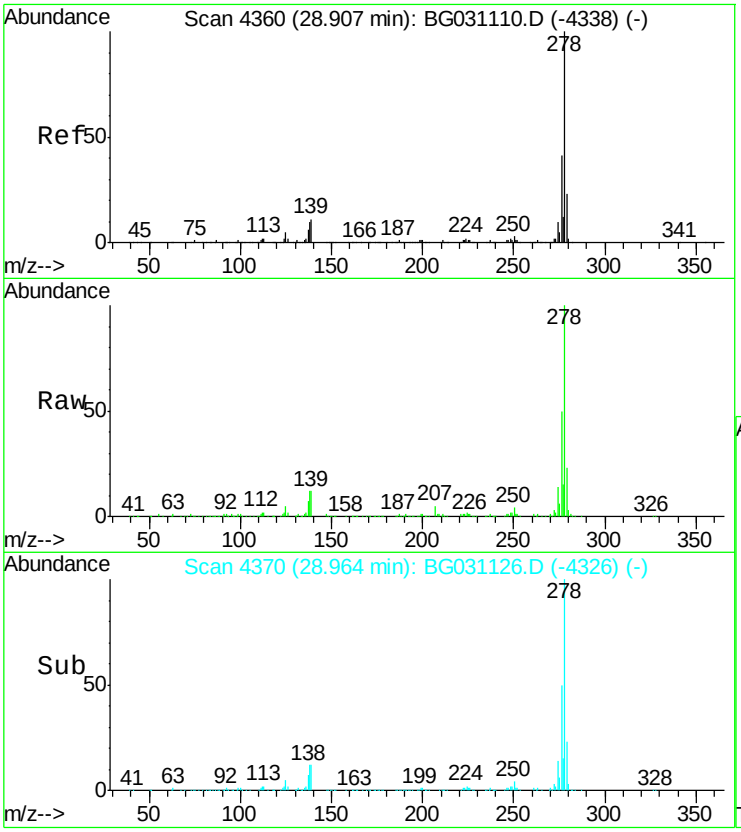


#28
Indeno(1,2,3-cd)pyrene
Concen: 20.62 ng/ul
RT: 28.92 min Scan# 4362
Delta R.T. 0.06 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Tgt Ion:276 Resp: 533941

Ion	Ratio	Lower	Upper
276	100		
138	14.0	17.8	26.6#
277	22.8	19.4	29.0



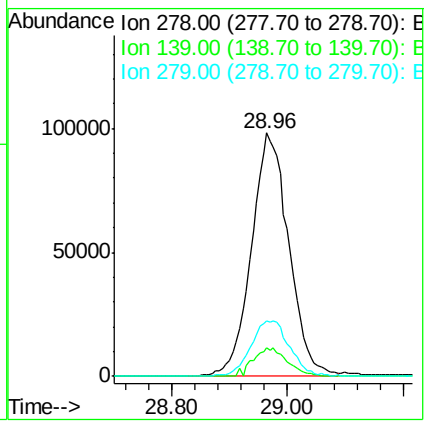


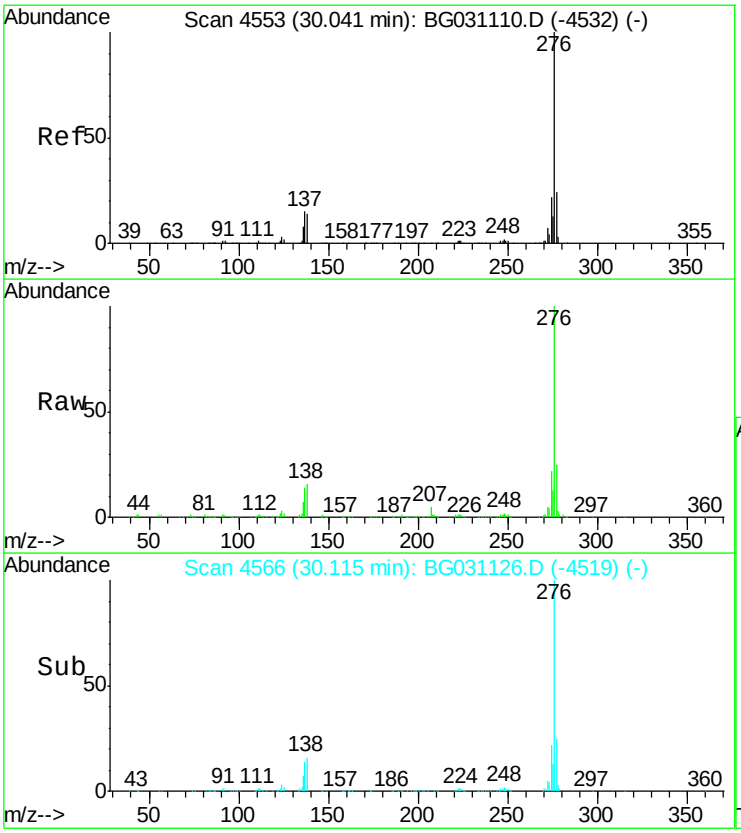
#29
Dibenzo(a,h)anthracene
Concen: 20.62 ng/ul
RT: 28.96 min Scan# 4370
Delta R.T. 0.06 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Instrument :
BNA_G
ClientSampleId :
SSTD02068

Tgt Ion:278 Resp: 442118

Ion	Ratio	Lower	Upper
278	100		
139	11.8	14.0	21.0#
279	22.9	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 19.95 ng/ul
RT: 30.12 min Scan# 4566
Delta R.T. 0.07 min
Lab File: BG031126.D
Acq: 20 Nov 2017 12:08

Tgt Ion:276 Resp: 430217

Ion	Ratio	Lower	Upper
276	100		
138	15.6	19.0	28.4#
277	25.4	19.7	29.5