Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG053017\
Data File : BG027204.D
Acq On : 30 May 2017 13:26
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 30 17:54:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 29 03:58:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	113887	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	471961	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	356457	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	808880	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	595634	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	637640	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.38	165	132854	20.21	ng/uL	0.00
7) Acenaphthylene-d8	14.27	160	719252	20.25	ng/ul	0.00
10) Fluorene-d10	15.56	176	510936	21.02	ng/ul	0.00
15) Anthracene-d10	17.41	188	767787	19.67	ng/ul	0.00
19) Pyrene-d10	19.69	212	716624	21.89	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	565476	21.47	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.80	128	479434	20.75	ng/ul	99
5) 2-Methylnaphthalene	12.41	142	365298	20.89	ng/ul	97
8) Acenaphthylene	14.30	152	722537	20.78	ng/ul	99
9) Acenaphthene	14.64	153	493286	20.83	ng/ul	99
11) Fluorene	15.62	166	565752	20.86	ng/ul	100
13) Pentachlorophenol	16.98	266	55650	16.09	ng/uL	97
14) Phenanthrene	17.35	178	875634	19.70	ng/ul	99
16) Anthracene	17.45	178	913574	19.73	ng/ul	100
17) Fluoranthene	19.36	202	872619	19.95	ng/ul#	93
20) Pyrene	19.72	202	900294	22.12	ng/ul#	88
21) Benzo(a)anthracene	21.54	228	692392	19.91	ng/ul	99
22) Chrysene	21.60	228	656725	20.85	ng/ul	99
24) Benzo(b)fluoranthene	23.69	252	641943	18.90	ng/ul#	96
25) Benzo(k)fluoranthene	23.76	252	650181	19.77	ng/ul#	97
27) Benzo(a)pyrene	24.54	252	681278	21.20	ng/ul#	94
28) Indeno(1,2,3-cd)pyrene	28.25	276	963836	22.77	ng/ul#	91
29) Dibenzo(a,h)anthracene	28.30	278	816895	23.06	ng/ul#	95
30) Benzo(g,h,i)perylene	29.36	276	806194	23.89	ng/ul#	93

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

Quantitation Report (Not Reviewed)

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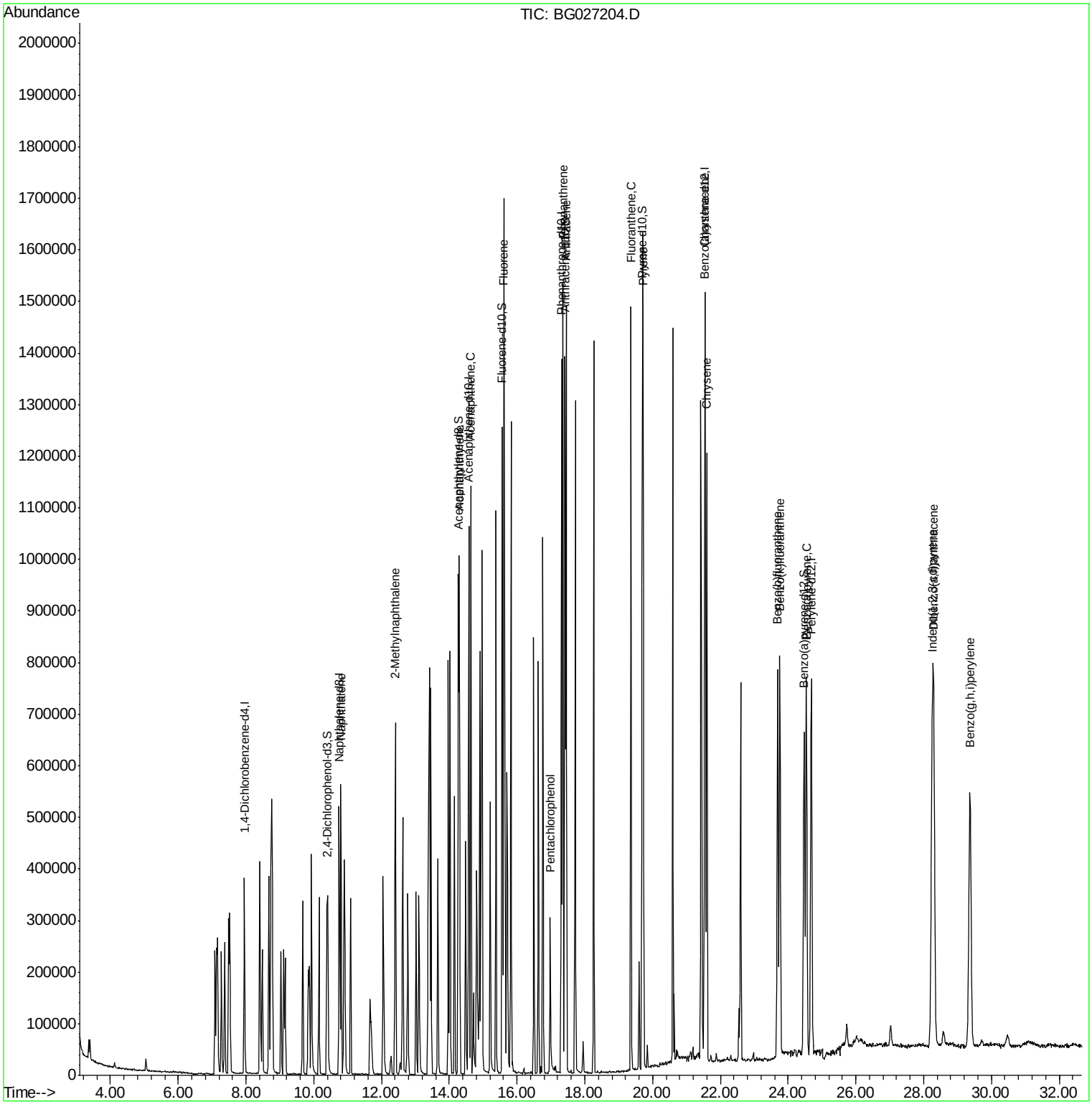
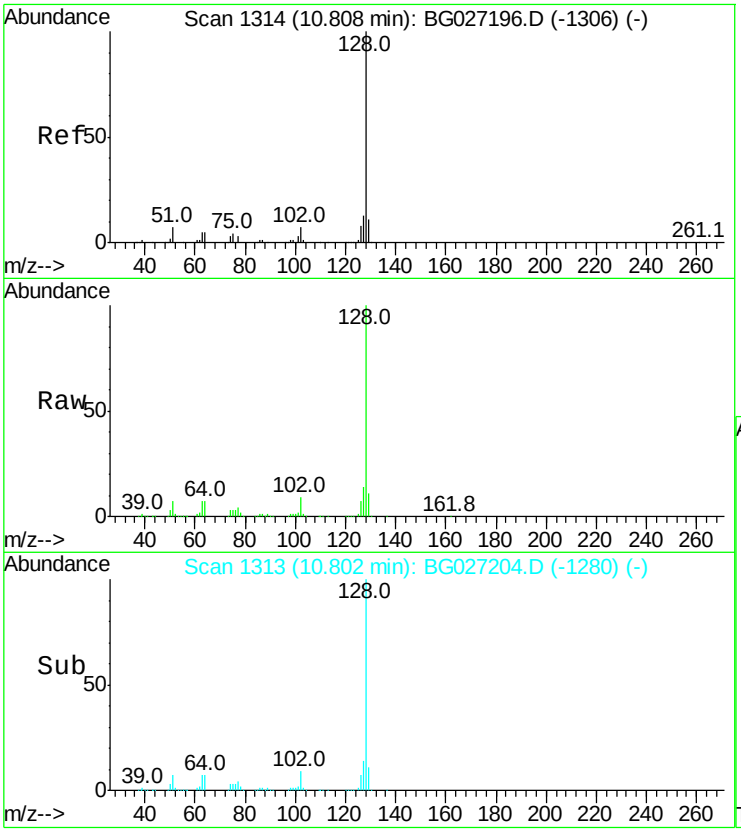


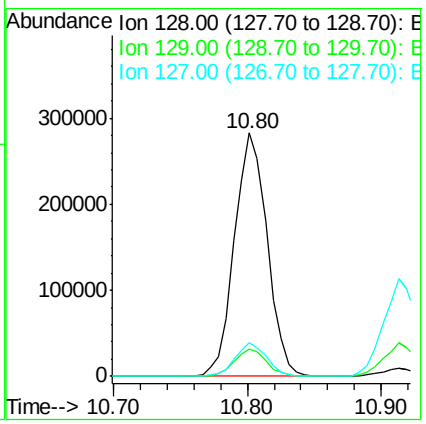


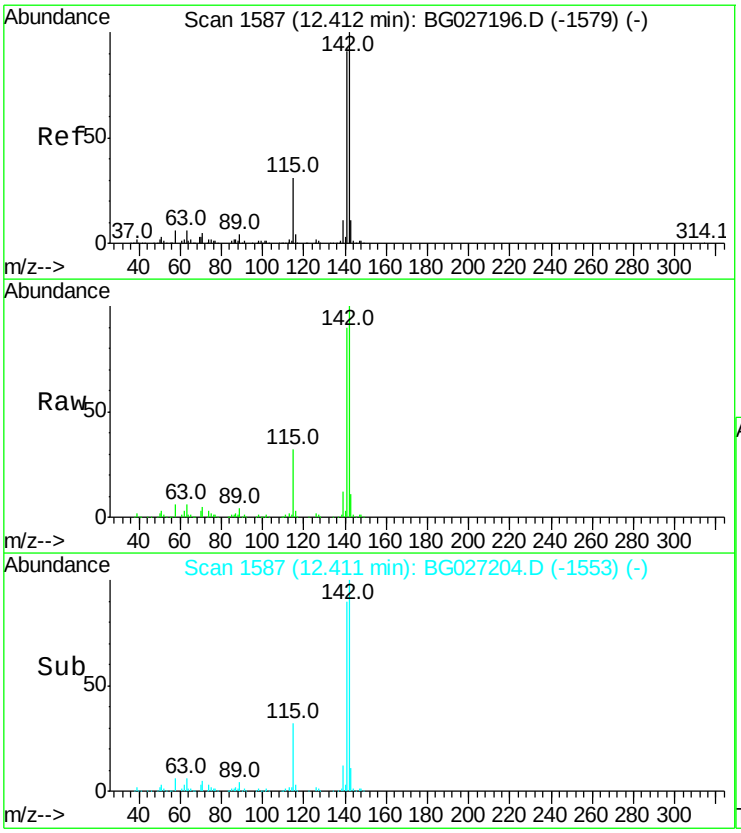
#4
Naphthalene
Concen: 20.75 ng/ul
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 479434

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.9	10.6	15.8

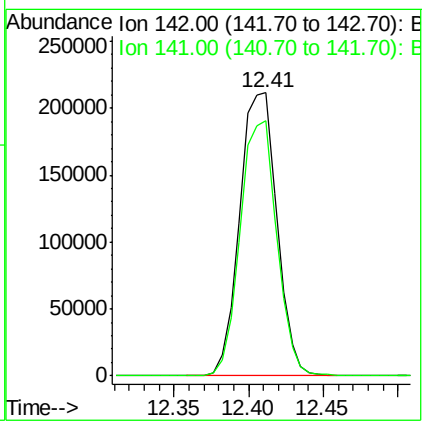


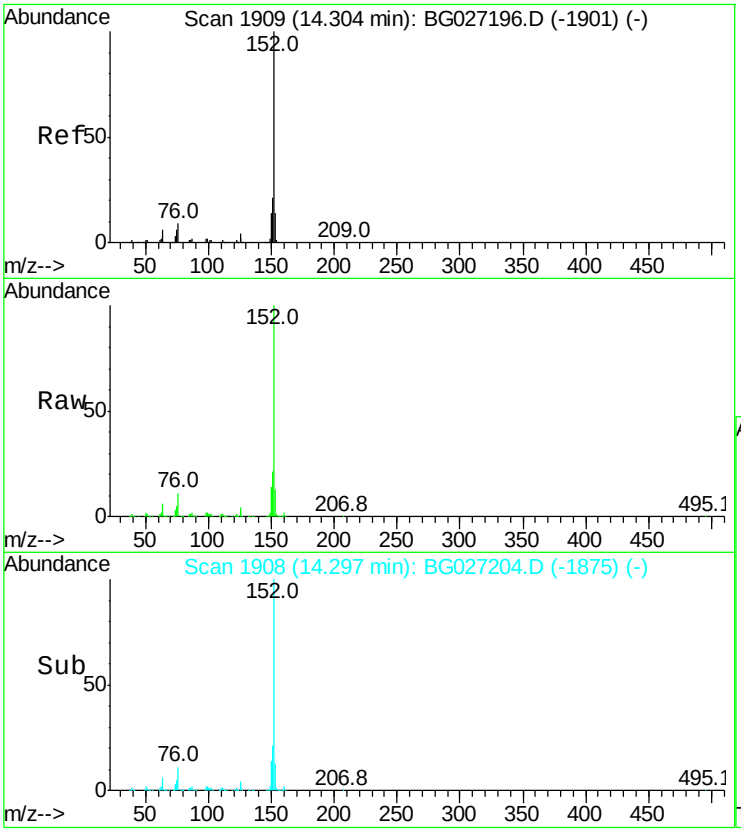


#5
2-Methylnaphthalene
Concen: 20.89 ng/ul
RT: 12.41 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Tgt Ion:142 Resp: 365298

Ion	Ratio	Lower	Upper
142	100		
141	90.3	69.8	104.8



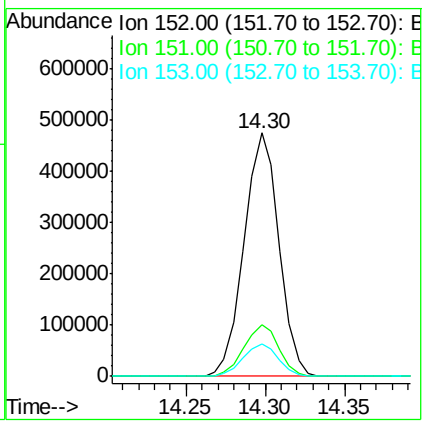


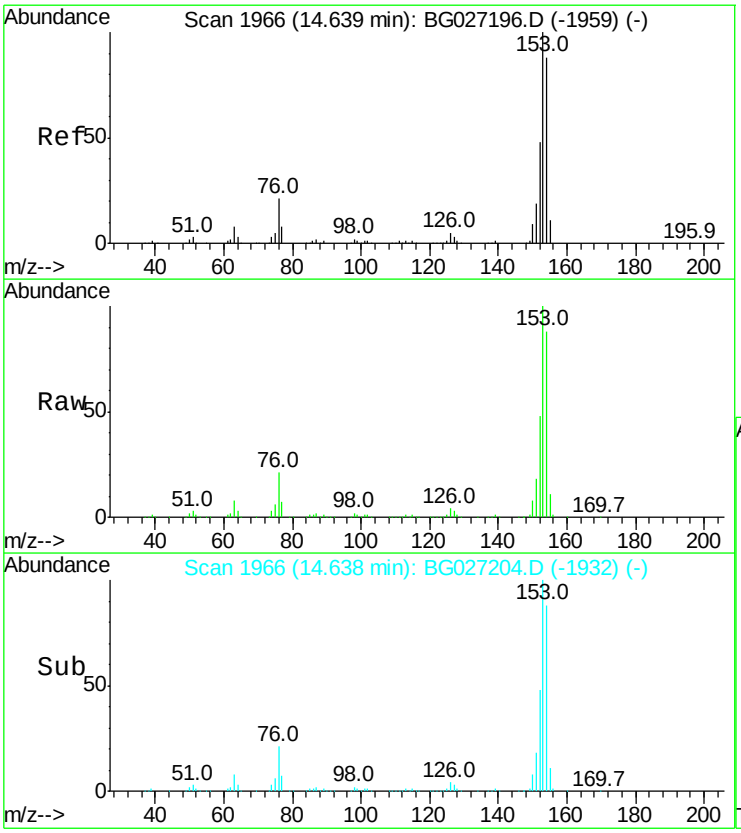
#8
Acenaphthylene
Concen: 20.78 ng/ul
RT: 14.30 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 722537

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.5	26.3
153	13.4	10.6	16.0

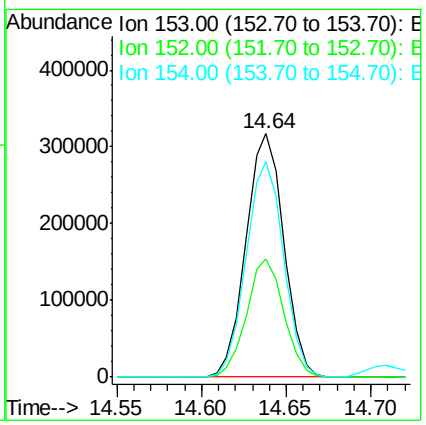


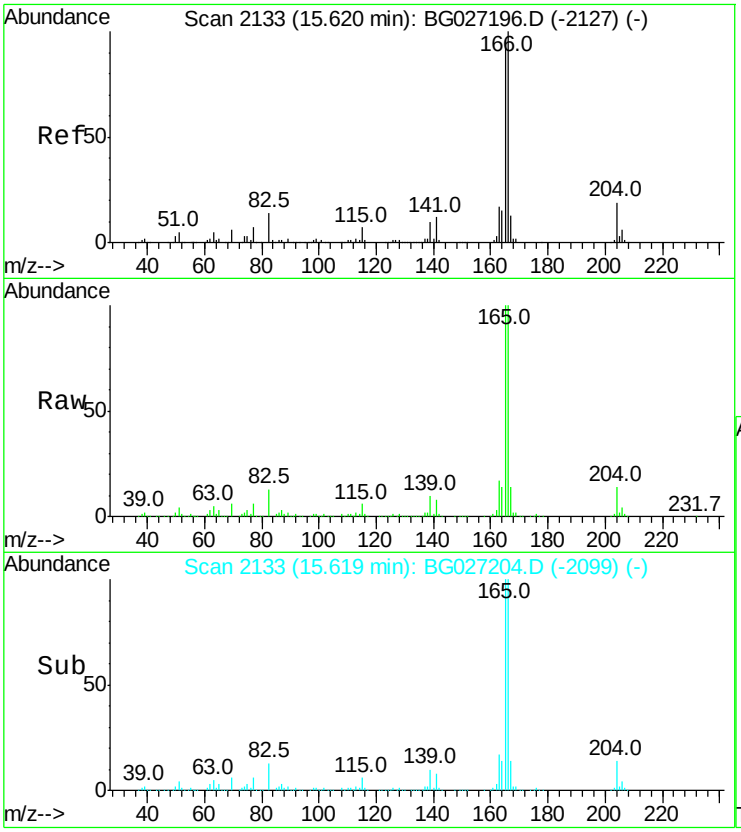


#9
Acenaphthene
Concen: 20.83 ng/ul
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Tgt Ion:153 Resp: 493286

Ion	Ratio	Lower	Upper
153	100		
152	48.4	37.9	56.9
154	88.4	71.6	107.4



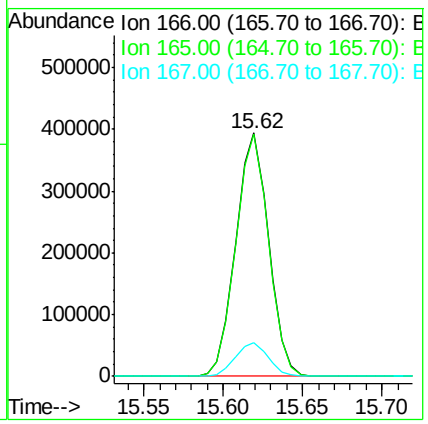


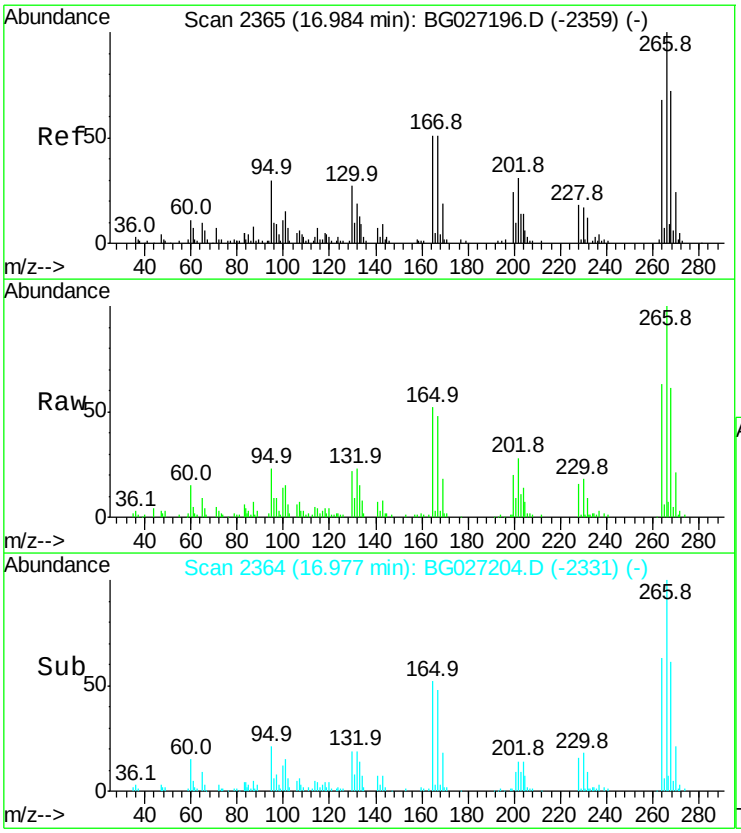
#11
Fluorene
Concen: 20.86 ng/ul
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 565752

Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.0	120.0
167	13.8	11.6	17.4

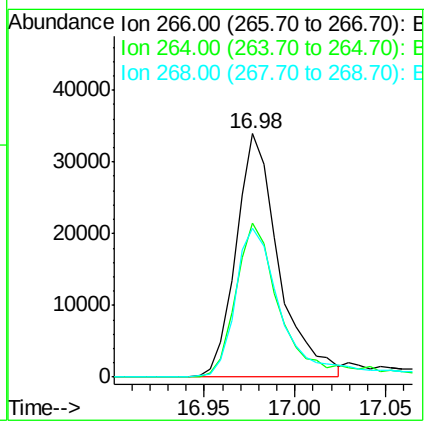


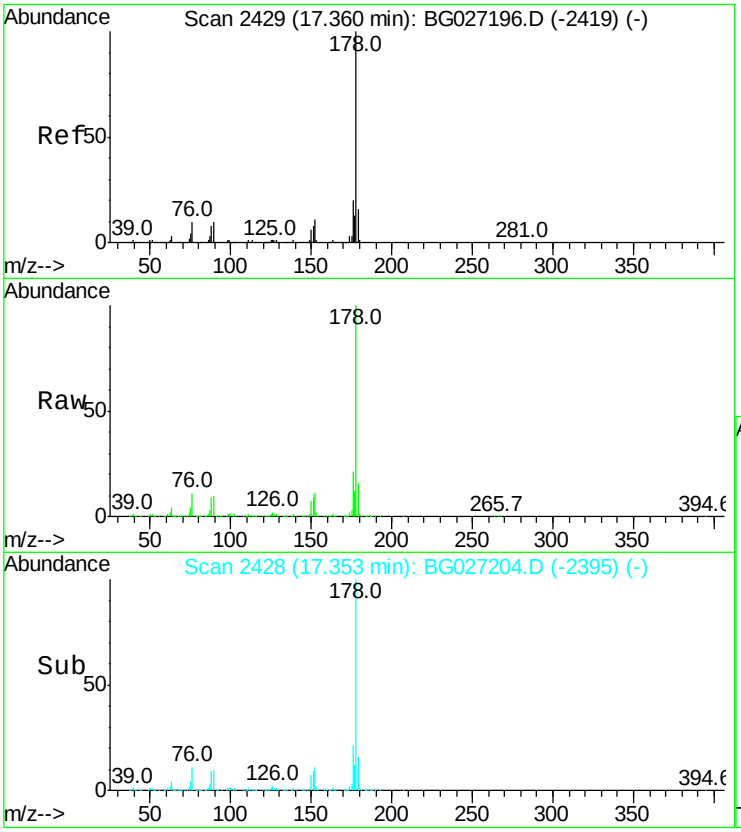


#13
Pentachlorophenol
Concen: 16.09 ng/uL
RT: 16.98 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Tgt Ion:266 Resp: 55650

Ion	Ratio	Lower	Upper
266	100		
264	63.3	52.0	78.0
268	61.3	51.2	76.8



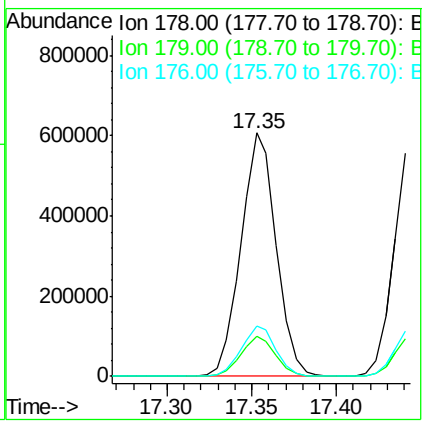


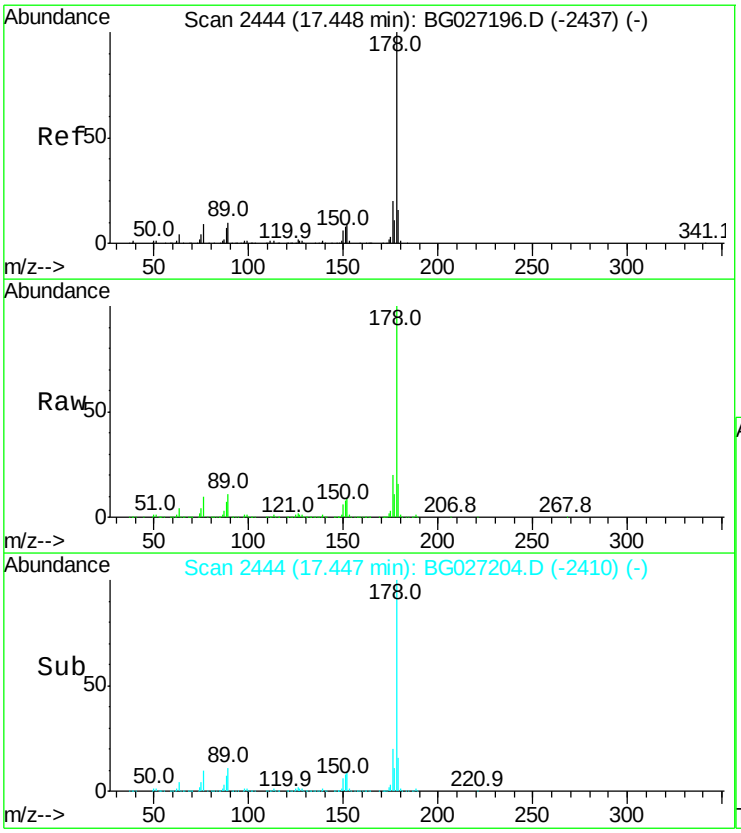
#14
Phenanthrene
Concen: 19.70 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 875634

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.4
176	20.6	16.4	24.6

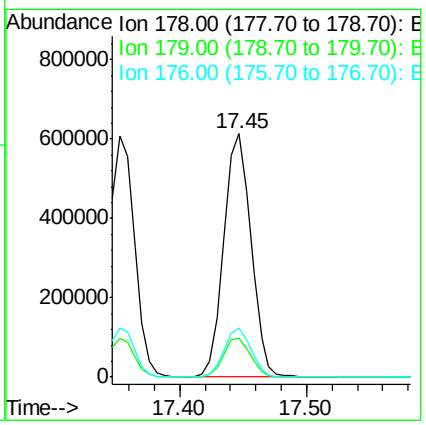


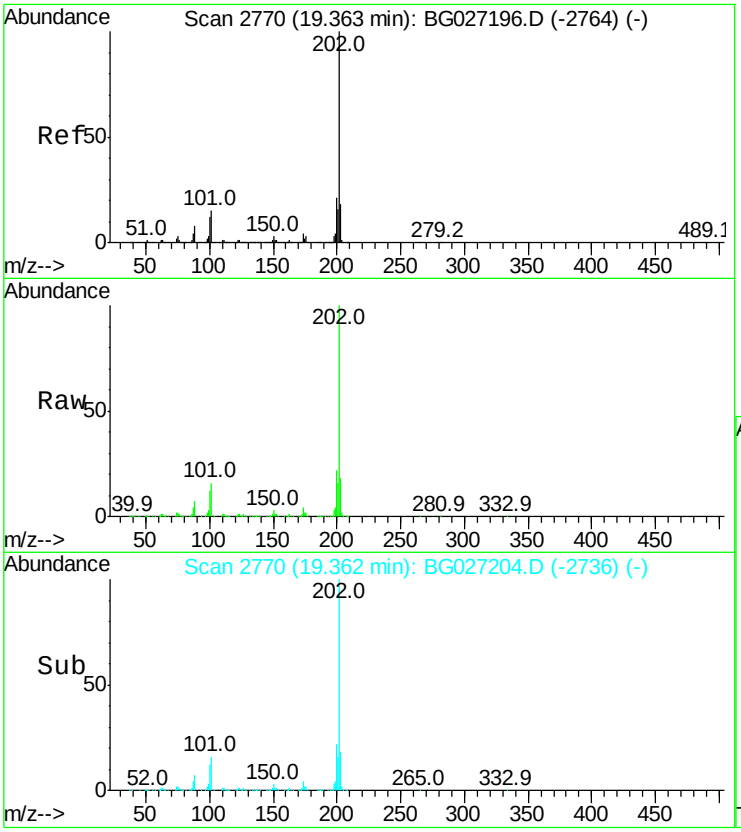


#16
Anthracene
Concen: 19.73 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Tgt Ion:178 Resp: 913574

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.7	19.1
176	19.9	15.8	23.8



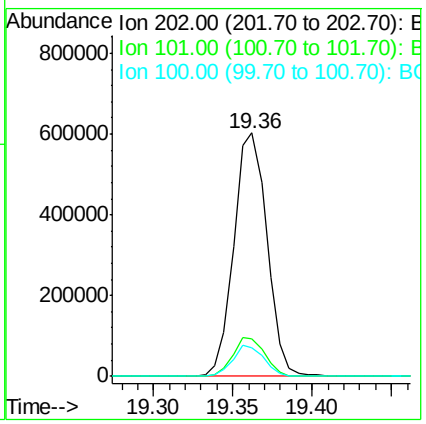


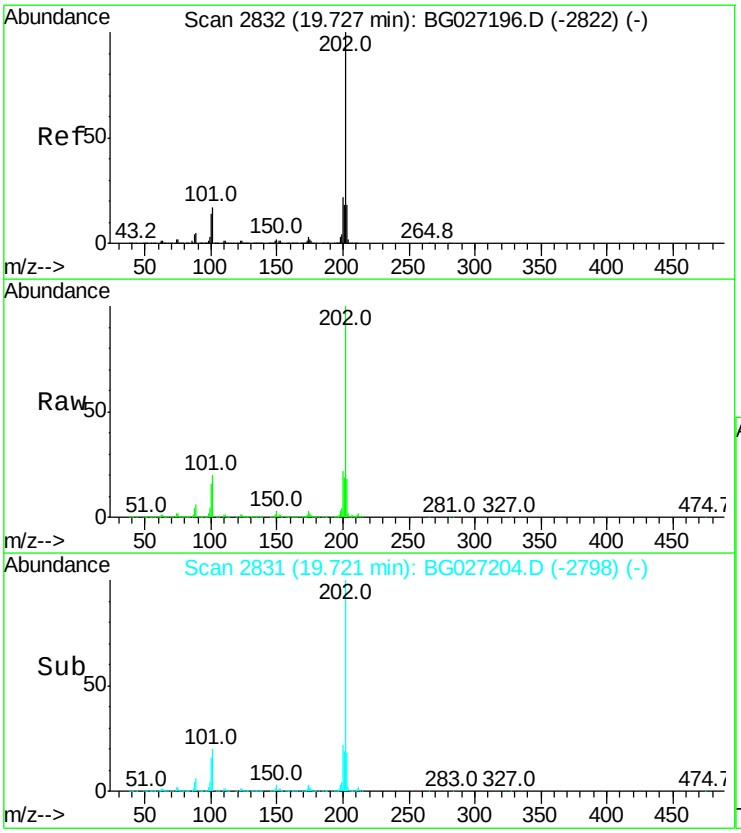
#17
Fluoranthene
Concen: 19.95 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 872619

Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.8	14.8#
100	11.6	7.5	11.3#

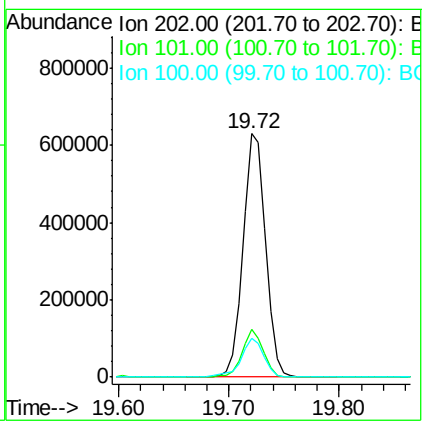


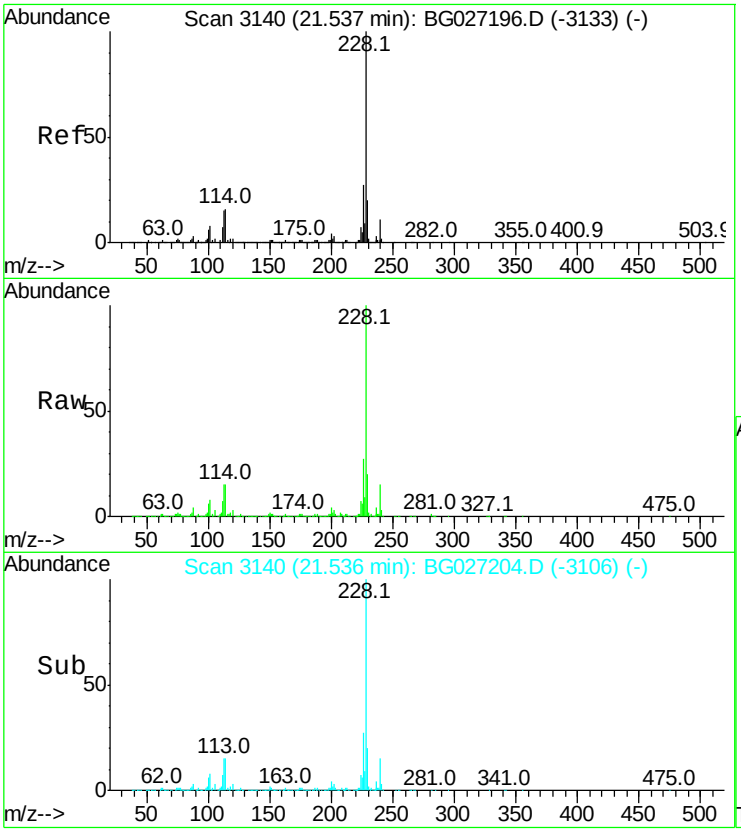


#20
Pyrene
Concen: 22.12 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Tgt Ion:202 Resp: 900294

Ion	Ratio	Lower	Upper
202	100		
101	19.7	11.2	16.8#
100	15.7	9.8	14.6#



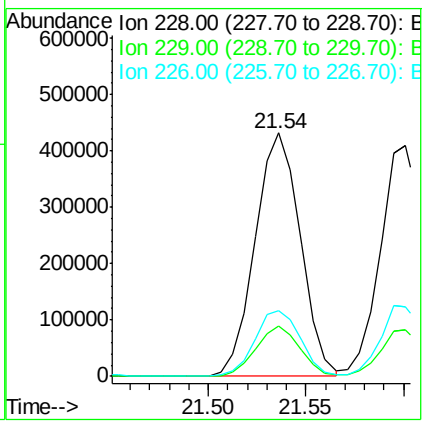


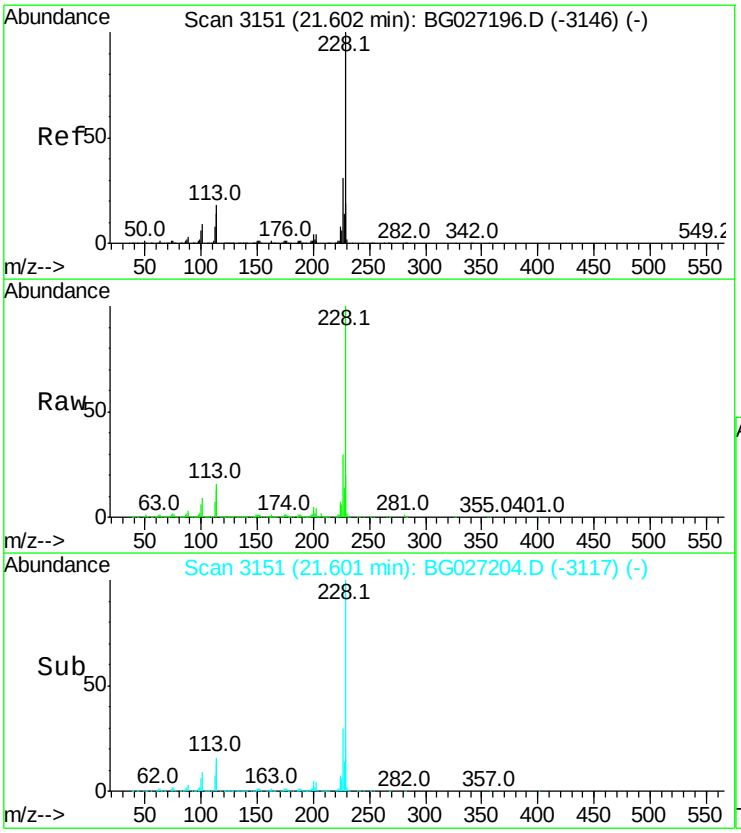
#21
Benzo(a)anthracene
Concen: 19.91 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 692392

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	27.2	22.1	33.1

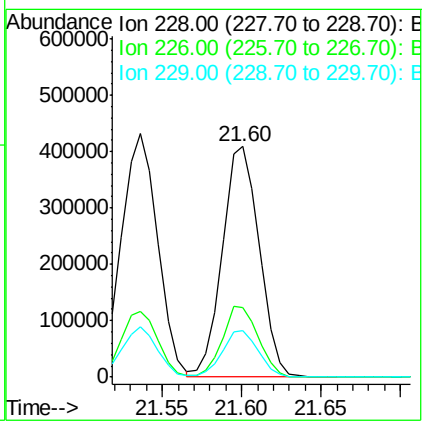


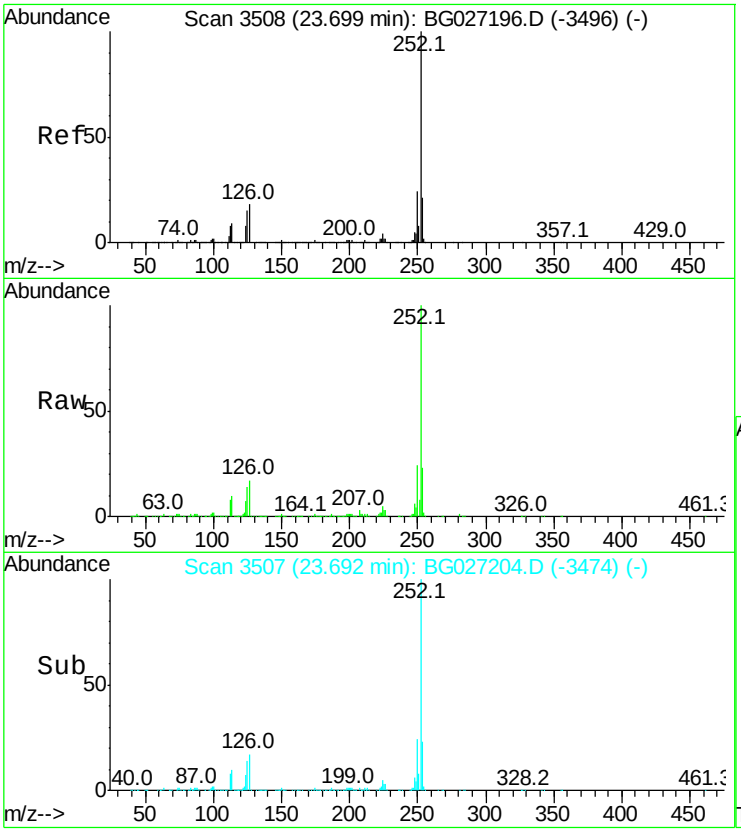


#22
Chrysene
Concen: 20.85 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Tgt Ion:228 Resp: 656725

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.4	16.6	25.0



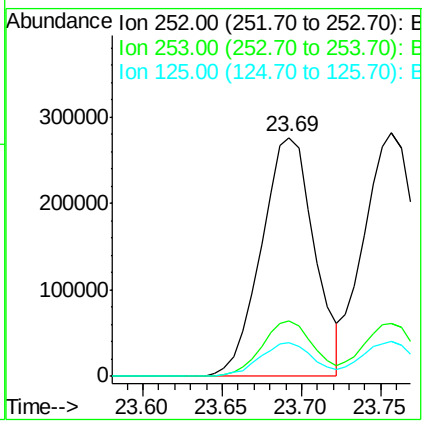


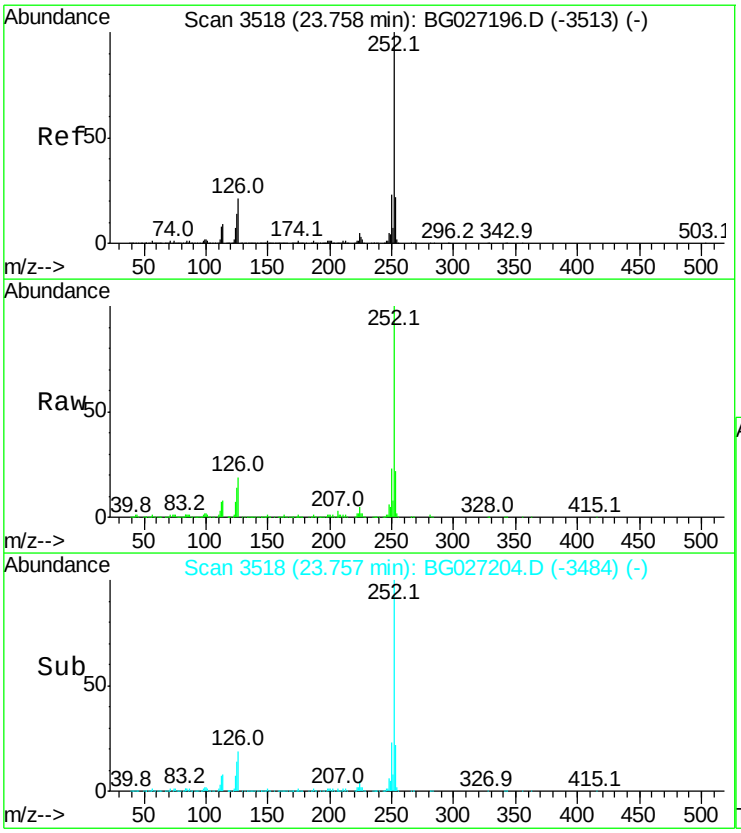
#24
Benzo(b)fluoranthene
Concen: 18.90 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 641943

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	14.3	9.4	14.0#

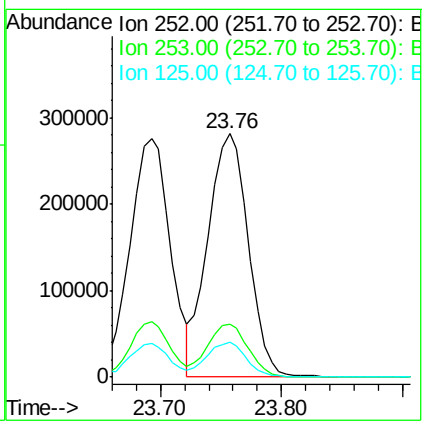


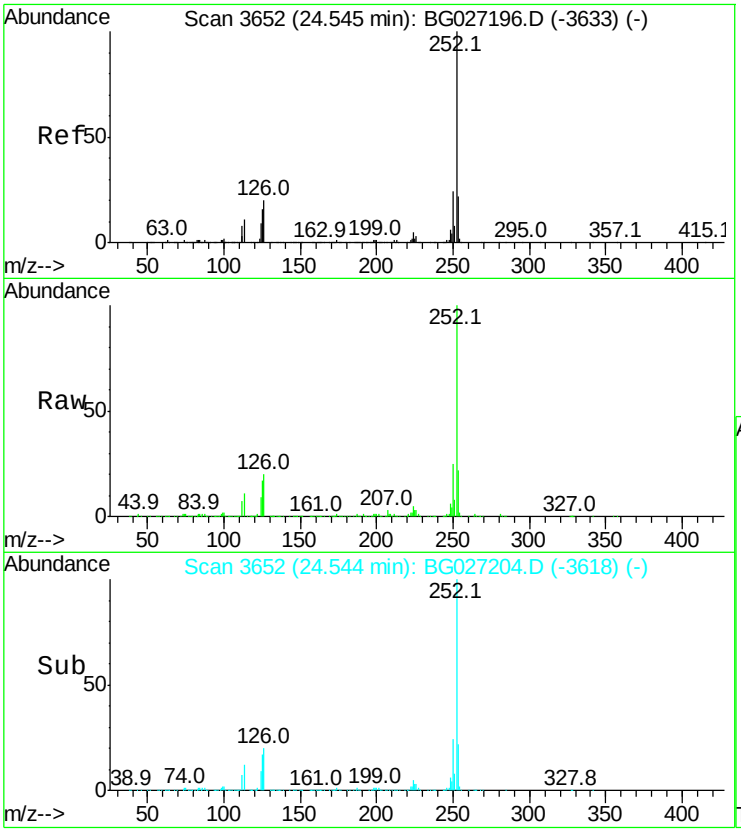


#25
Benzo(k)fluoranthene
Concen: 19.77 ng/ul
RT: 23.76 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Tgt Ion:252 Resp: 650181

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	14.2	8.8	13.2#



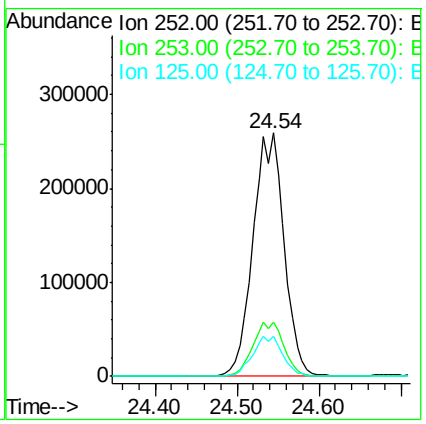


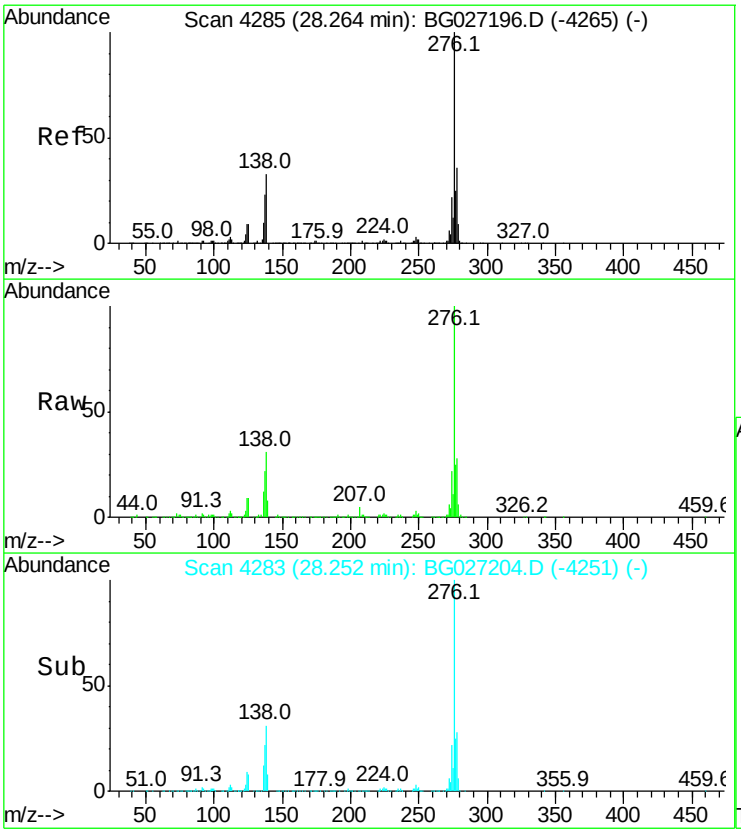
#27
Benzo(a)pyrene
Concen: 21.20 ng/ul
RT: 24.54 min Scan# 3652
Delta R.T. -0.00 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 681278

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	16.7	9.4	14.2#

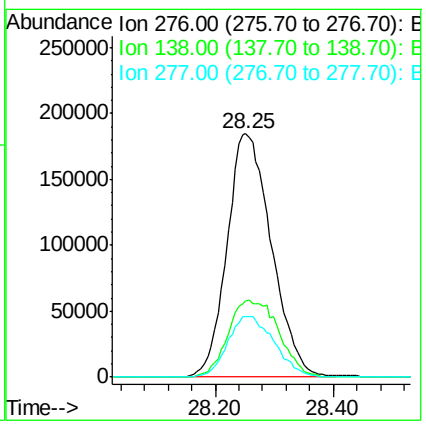


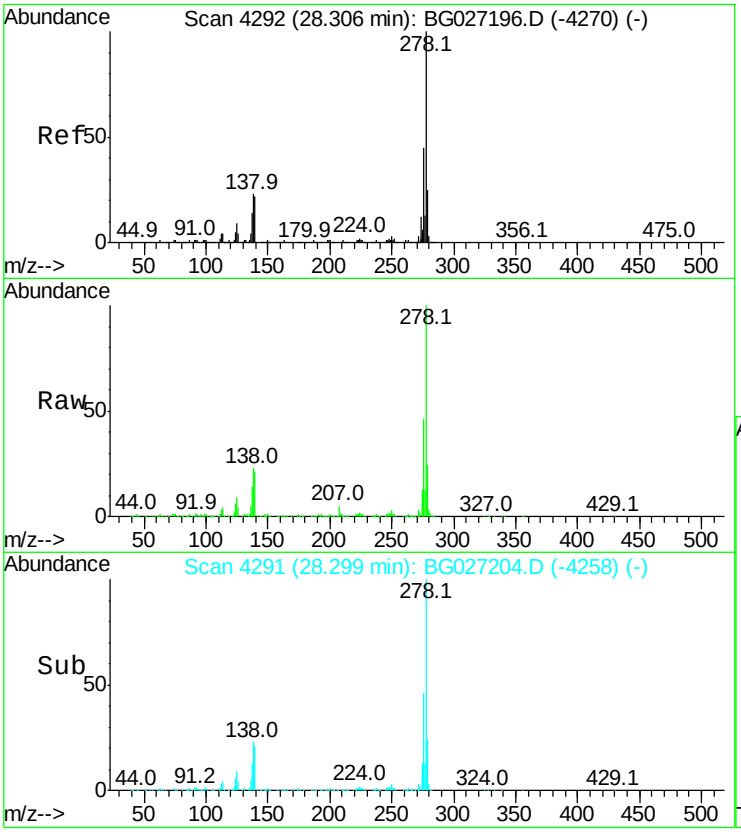


#28
Indeno(1,2,3-cd)pyrene
Concen: 22.77 ng/ul
RT: 28.25 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Tgt Ion:276 Resp: 963836

Ion	Ratio	Lower	Upper
276	100		
138	31.2	17.8	26.6#
277	24.6	19.4	29.0



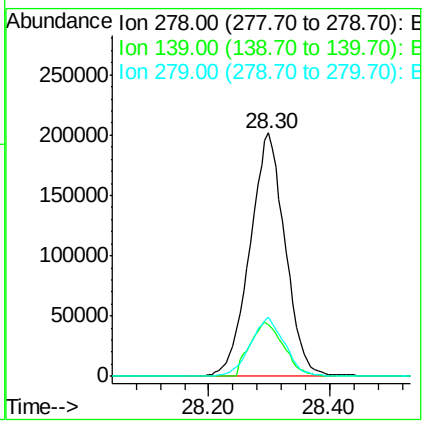


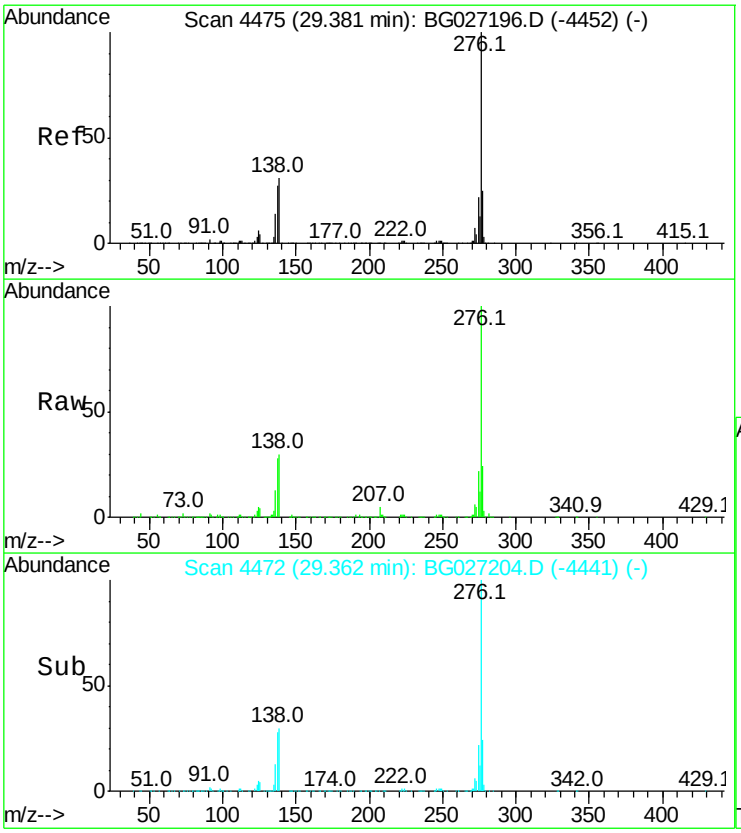
#29
Dibenzo(a,h)anthracene
Concen: 23.06 ng/ul
RT: 28.30 min Scan# 4291
Delta R.T. -0.01 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 816895

Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.0	21.0#
279	24.2	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 23.89 ng/ul
RT: 29.36 min Scan# 4472
Delta R.T. -0.02 min
Lab File: BG027204.D
Acq: 30 May 2017 13:26

Tgt Ion:276 Resp: 806194

Ion	Ratio	Lower	Upper
276	100		
138	29.8	19.0	28.4#
277	24.0	19.7	29.5