Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052717\
Data File : BG027198.D
Acq On : 28 May 2017 13:13
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 29 03:58:31 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	7.96	152	102777	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	508804	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	303619	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	712242	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	650666	20.00	ng/ul	0.00
23) Perylene-d12	24.69	264	672310	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.39	165	142113	20.06	ng/uL	0.00
7) Acenaphthylene-d8	14.27	160	606501	20.05	ng/ul	0.00
10) Fluorene-d10	15.57	176	433959	20.96	ng/ul	0.00
15) Anthracene-d10	17.41	188	674282	19.62	ng/ul	0.00
19) Pyrene-d10	19.70	212	679620	19.01	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	622270	22.40	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.81	128	509004	20.43	ng/ul	99
5) 2-Methylnaphthalene	12.41	142	382009	20.26	ng/ul	98
8) Acenaphthylene	14.30	152	612110	20.66	ng/ul	98
9) Acenaphthene	14.64	153	416216	20.64	ng/ul	98
11) Fluorene	15.62	166	486414	21.06	ng/ul	100
13) Pentachlorophenol	16.98	266	49049	16.11	ng/uL	94
14) Phenanthrene	17.36	178	768984	19.65	ng/ul	99
16) Anthracene	17.45	178	801205	19.65	ng/ul	100
17) Fluoranthene	19.36	202	850333	22.07	ng/ul#	91
20) Pyrene	19.73	202	865419	19.46	ng/ul#	92
21) Benzo(a)anthracene	21.54	228	757749	19.95	ng/ul	99
22) Chrysene	21.60	228	695269	20.21	ng/ul	99
24) Benzo(b)fluoranthene	23.69	252	776352	21.67	ng/ul#	95
25) Benzo(k)fluoranthene	23.76	252	735648	21.22	ng/ul#	95
27) Benzo(a)pyrene	24.54	252	742549	21.92	ng/ul#	94
28) Indeno(1,2,3-cd)pyrene	28.26	276	871080	19.52	ng/ul#	90
29) Dibenzo(a,h)anthracene	28.30	278	732874	19.62	ng/ul#	94
30) Benzo(g,h,i)perylene	29.38	276	723871	20.35	ng/ul#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052717\
Data File : BG027198.D
Acq On : 28 May 2017 13:13
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
Quant Title : SVOA CALIBRATION
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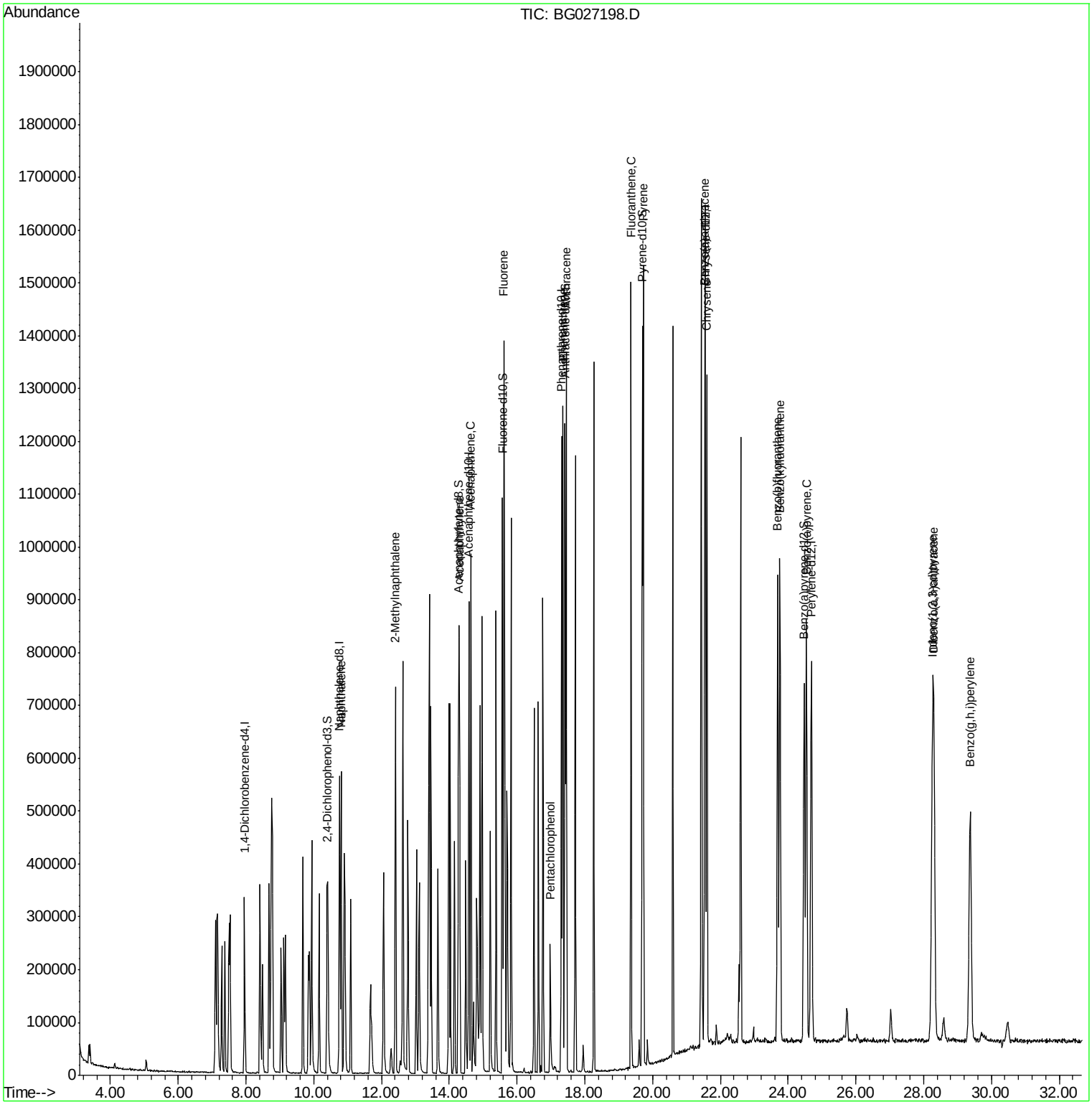
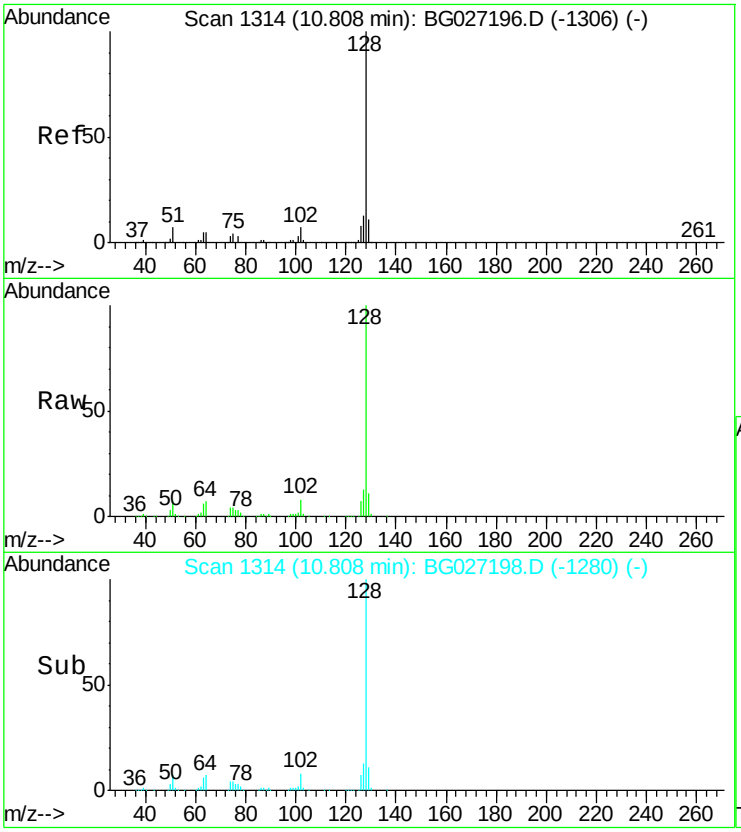


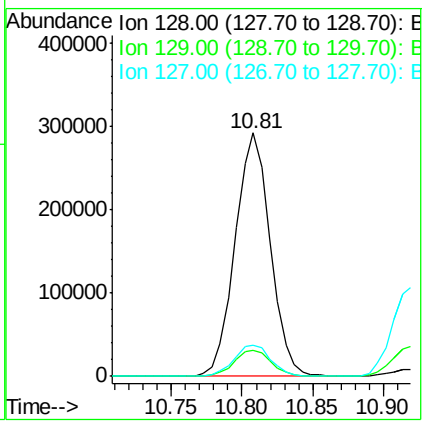


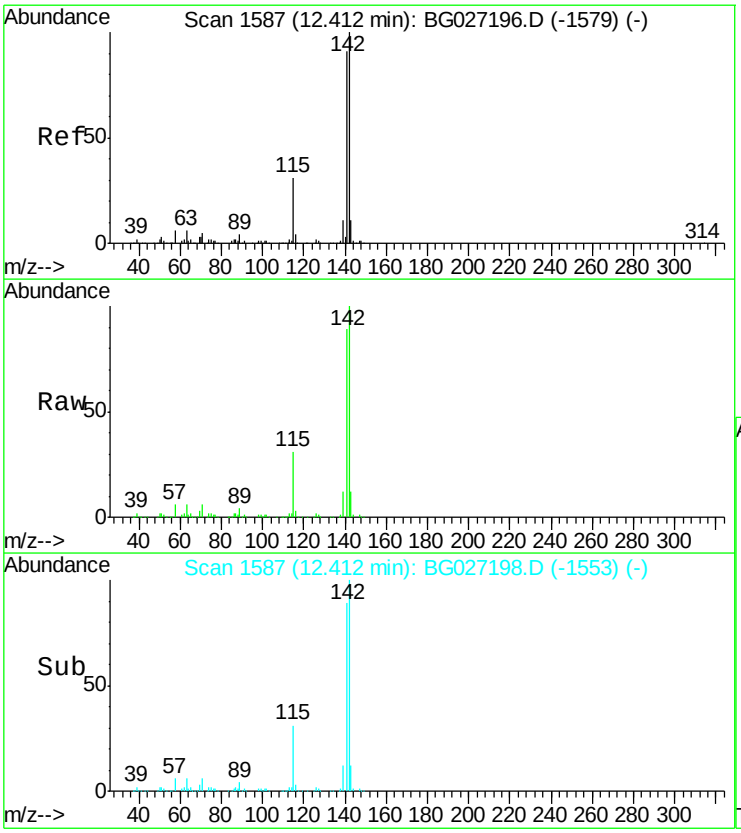
#4
Naphthalene
Concen: 20.43 ng/ul
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 509004

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

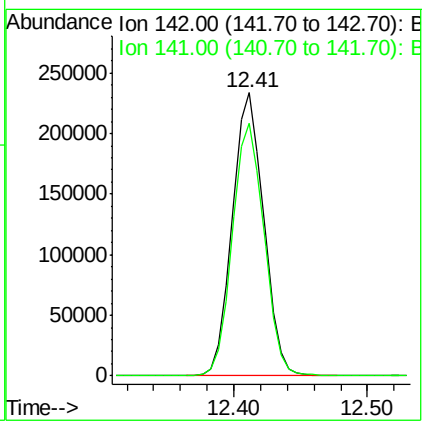


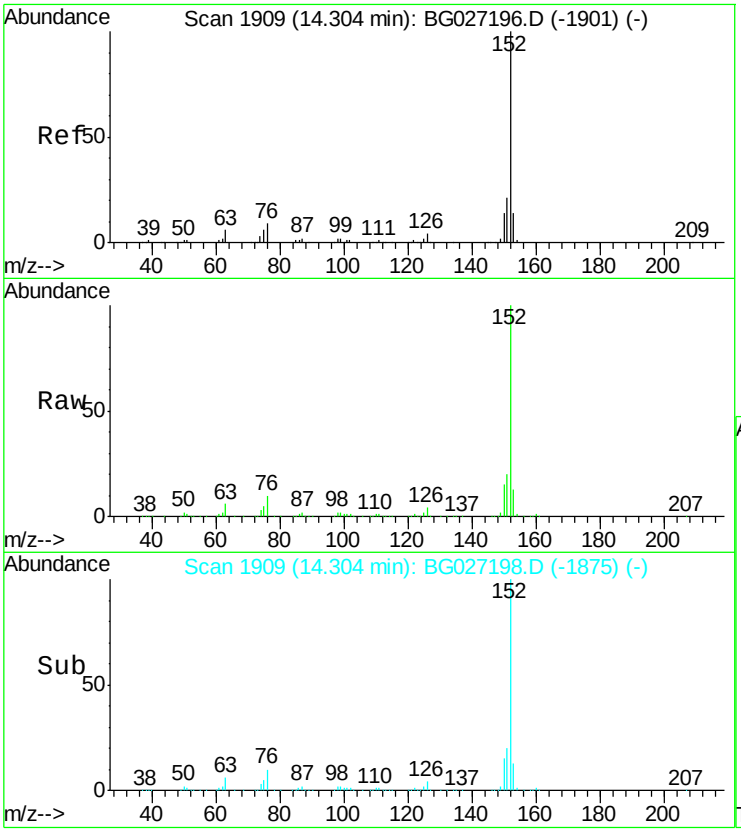


#5
2-Methylnaphthalene
Concen: 20.26 ng/ul
RT: 12.41 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Tgt Ion:142 Resp: 382009

Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.8	104.8



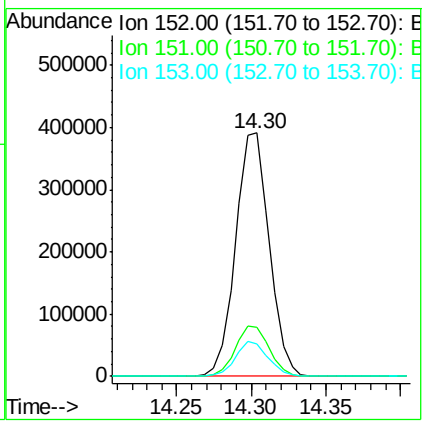


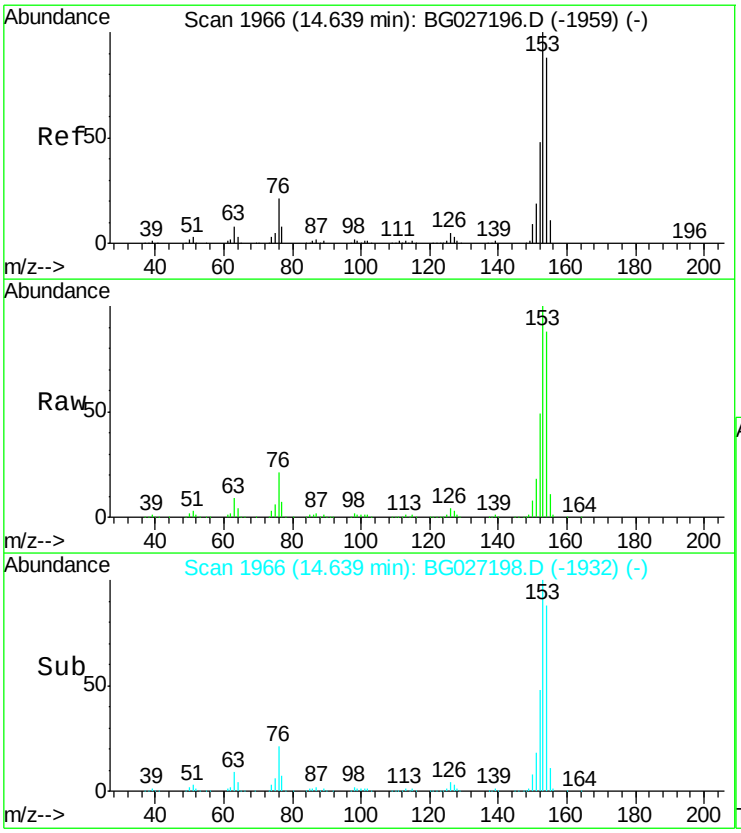
#8
Acenaphthylene
Concen: 20.66 ng/ul
RT: 14.30 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 612110

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.5	26.3
153	13.4	10.6	16.0

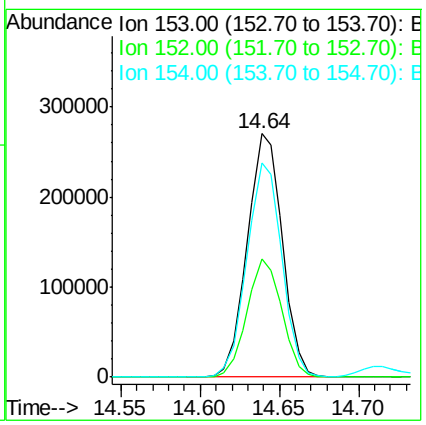


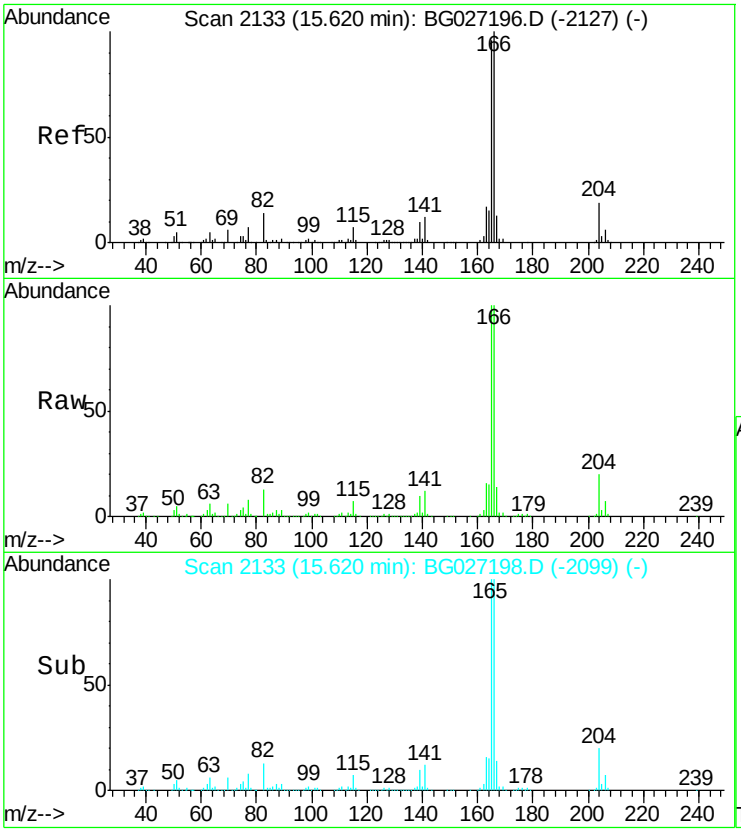


#9
Acenaphthene
Concen: 20.64 ng/ul
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Tgt Ion:153 Resp: 416216

Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.9	56.9
154	88.2	71.6	107.4



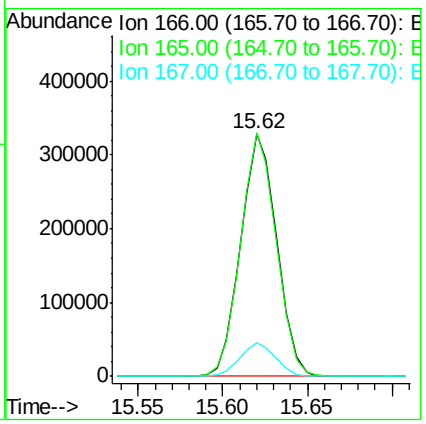


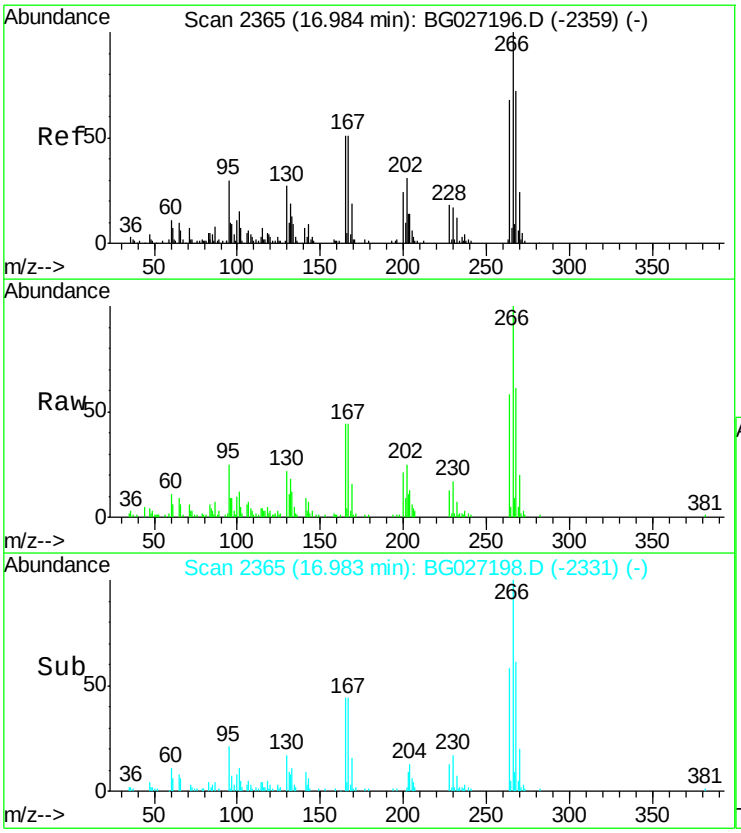
#11
Fluorene
Concen: 21.06 ng/ul
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 486414

Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.0	120.0
167	13.8	11.6	17.4

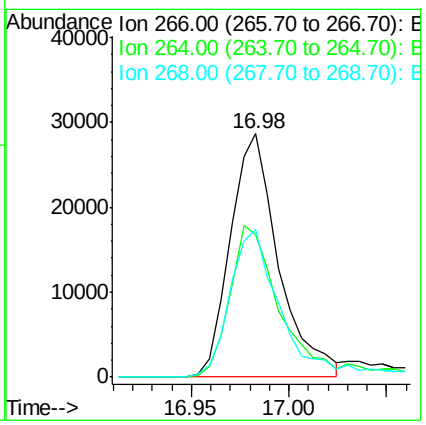


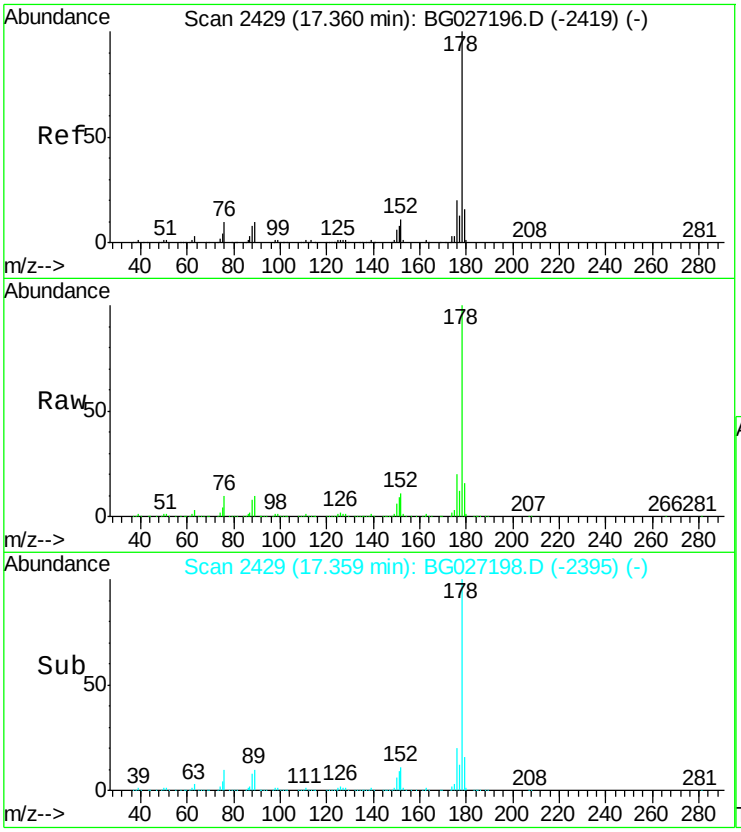


#13
Pentachlorophenol
Concen: 16.11 ng/uL
RT: 16.98 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Tgt Ion:266 Resp: 49049

Ion	Ratio	Lower	Upper
266	100		
264	58.4	52.0	78.0
268	60.8	51.2	76.8



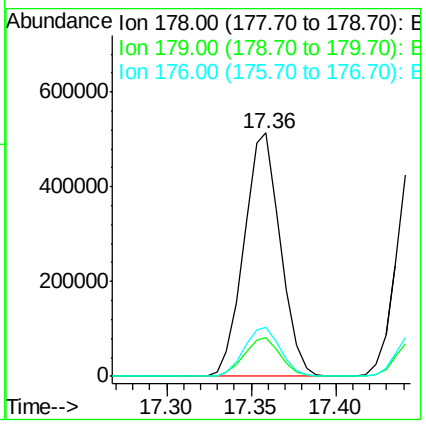


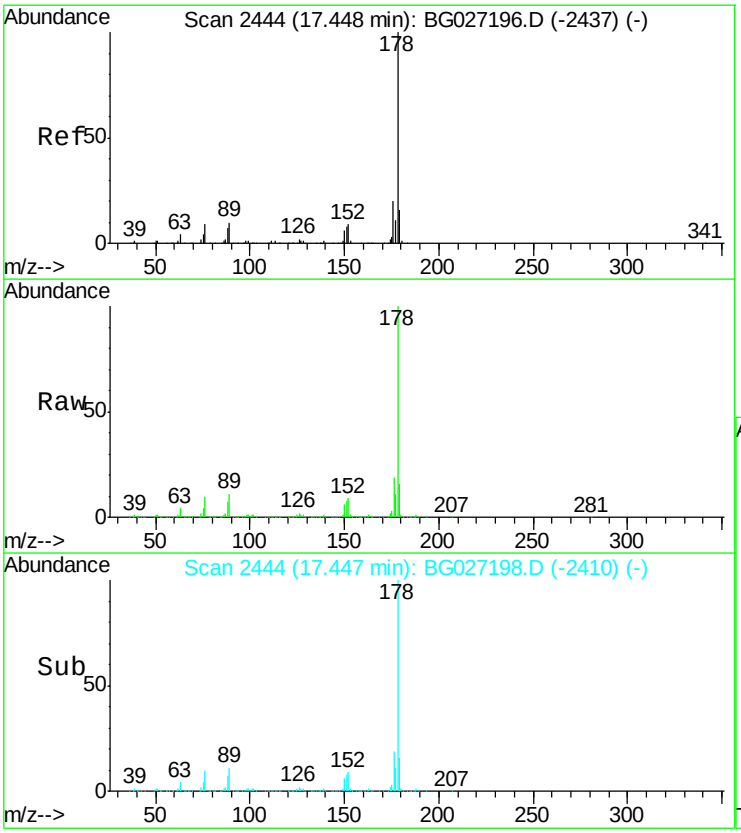
#14
Phenanthrene
Concen: 19.65 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 768984

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

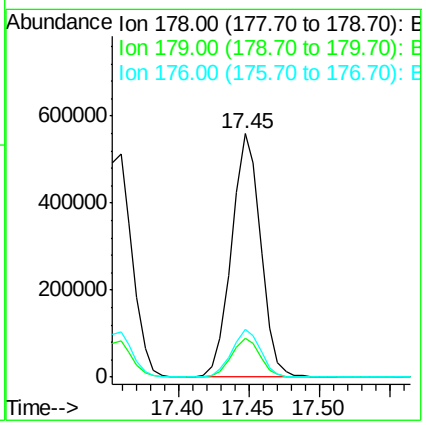


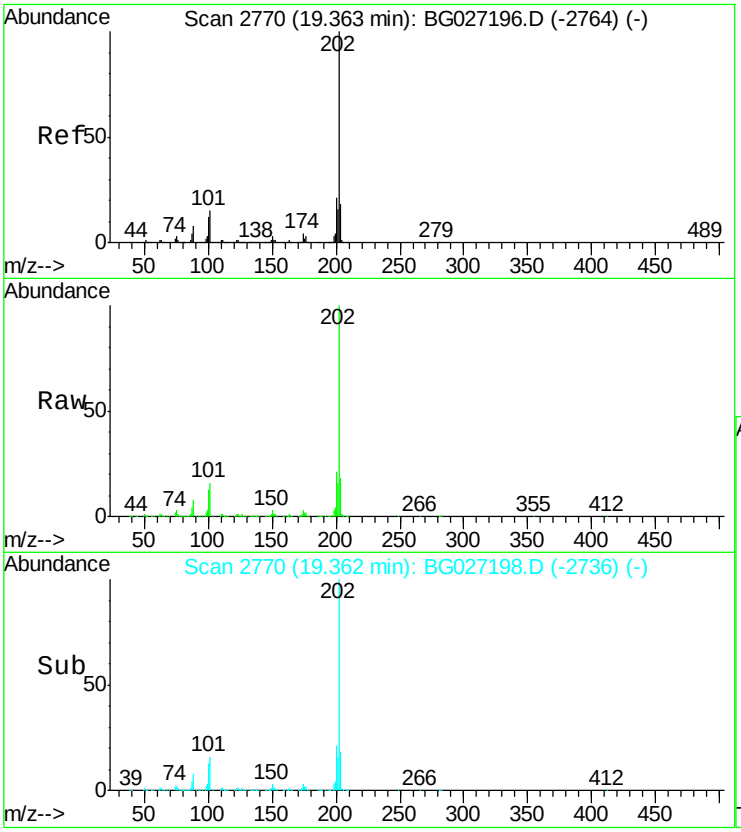


#16
Anthracene
Concen: 19.65 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Tgt Ion:178 Resp: 801205

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	19.4	15.8	23.8



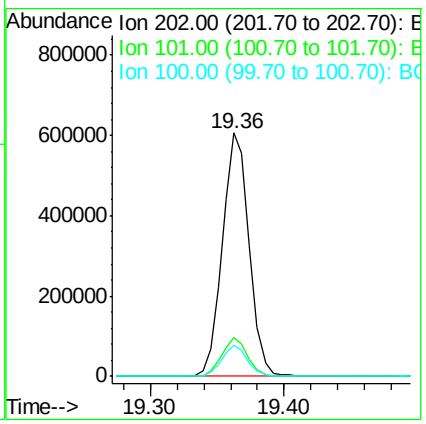


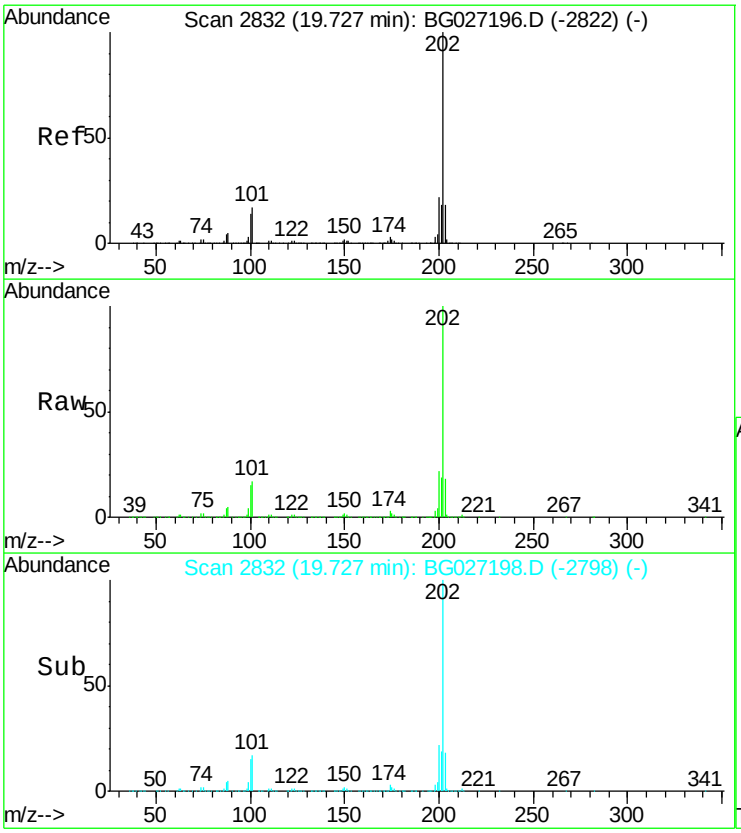
#17
Fluoranthene
Concen: 22.07 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 850333

Ion	Ratio	Lower	Upper
202	100		
101	16.0	9.8	14.8#
100	12.7	7.5	11.3#

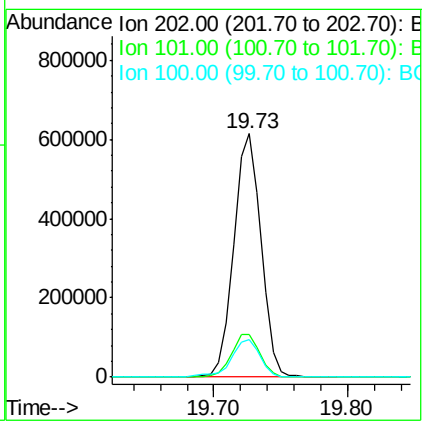


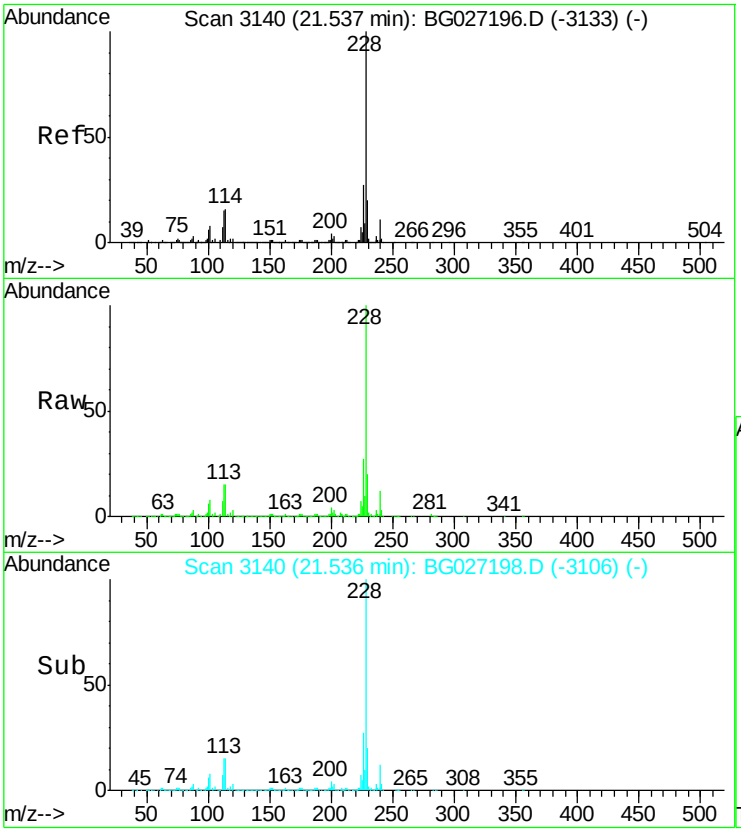


#20
Pyrene
Concen: 19.46 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Tgt Ion:202 Resp: 865419

Ion	Ratio	Lower	Upper
202	100		
101	17.3	11.2	16.8#
100	15.3	9.8	14.6#



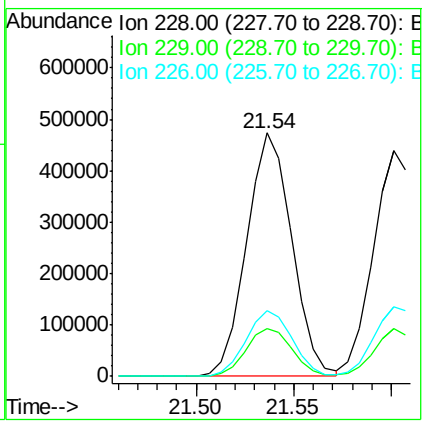


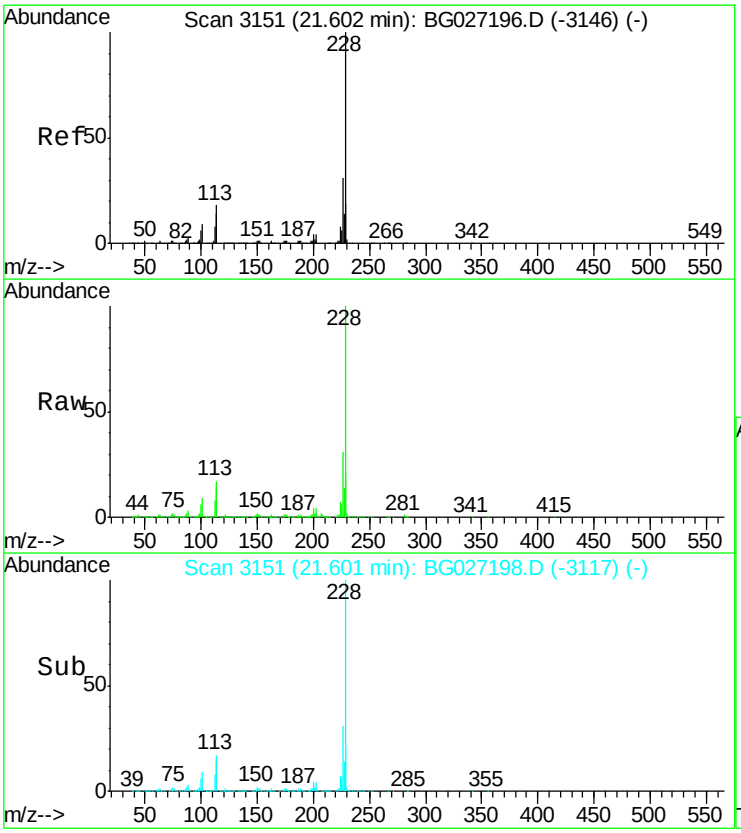
#21
Benzo(a)anthracene
Concen: 19.95 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 757749

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.9	23.9
226	26.8	22.1	33.1

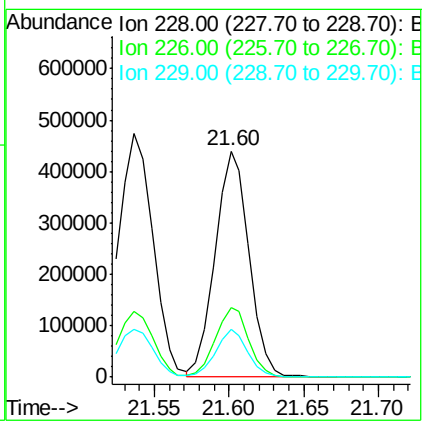


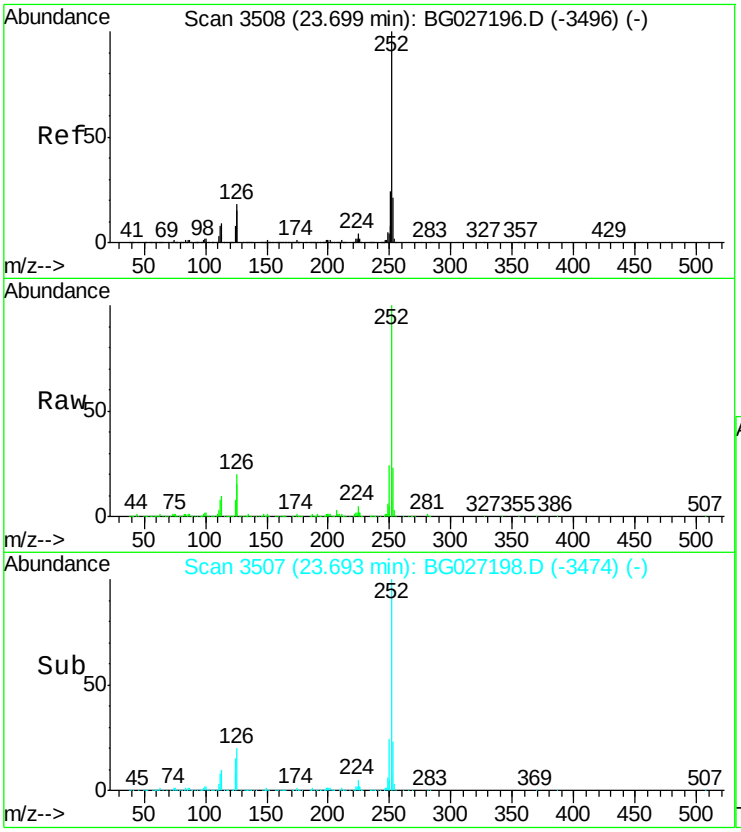


#22
Chrysene
Concen: 20.21 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Tgt Ion:228 Resp: 695269

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.1	16.6	25.0



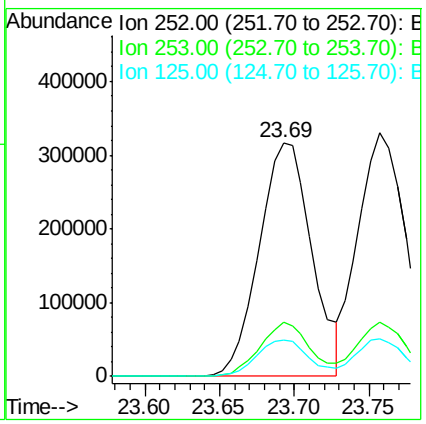


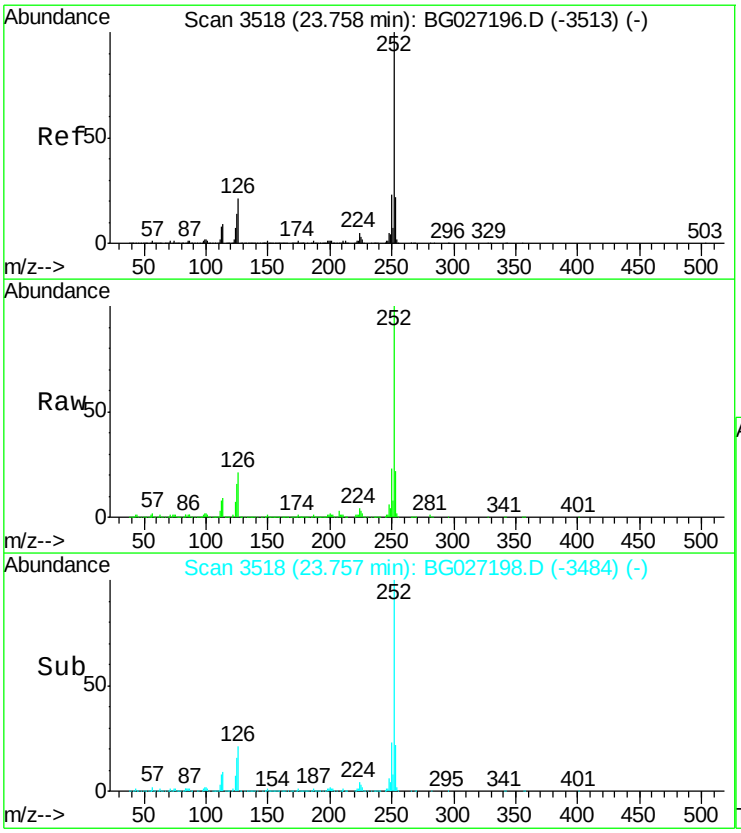
#24
Benzo(b)fluoranthene
Concen: 21.67 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 776352

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	15.4	9.4	14.0#

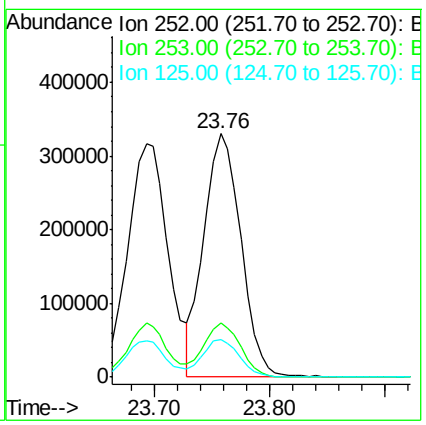


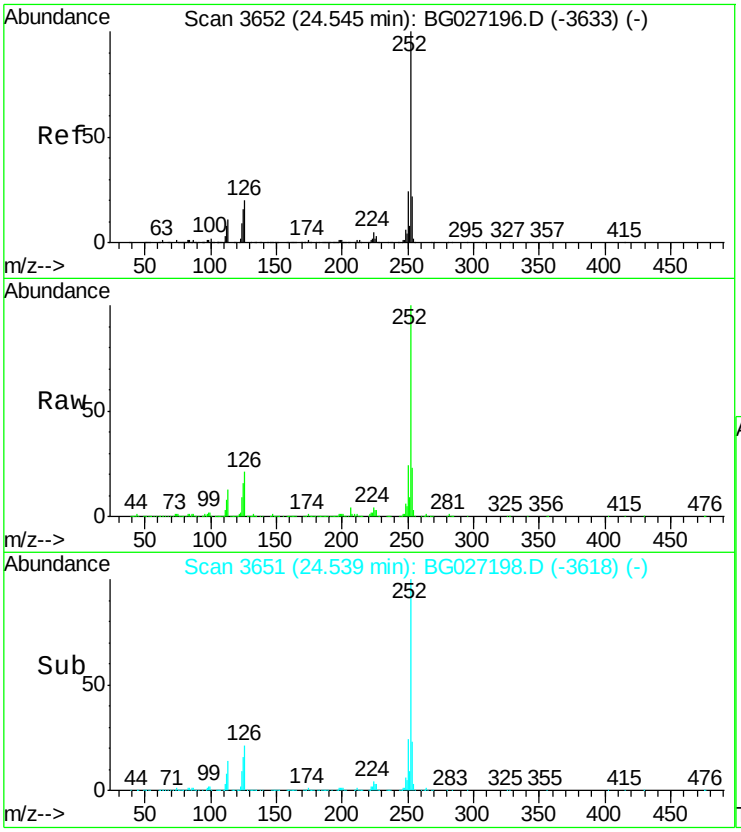


#25
Benzo(k)fluoranthene
Concen: 21.22 ng/ul
RT: 23.76 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Tgt Ion:252 Resp: 735648

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	15.7	8.8	13.2#



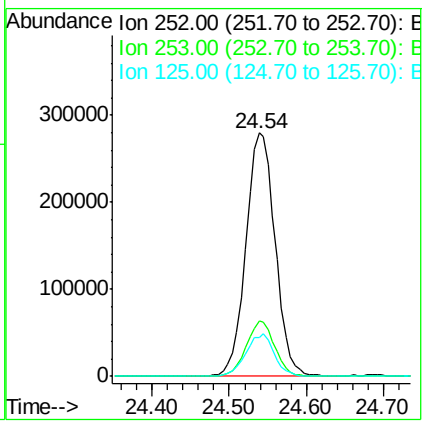


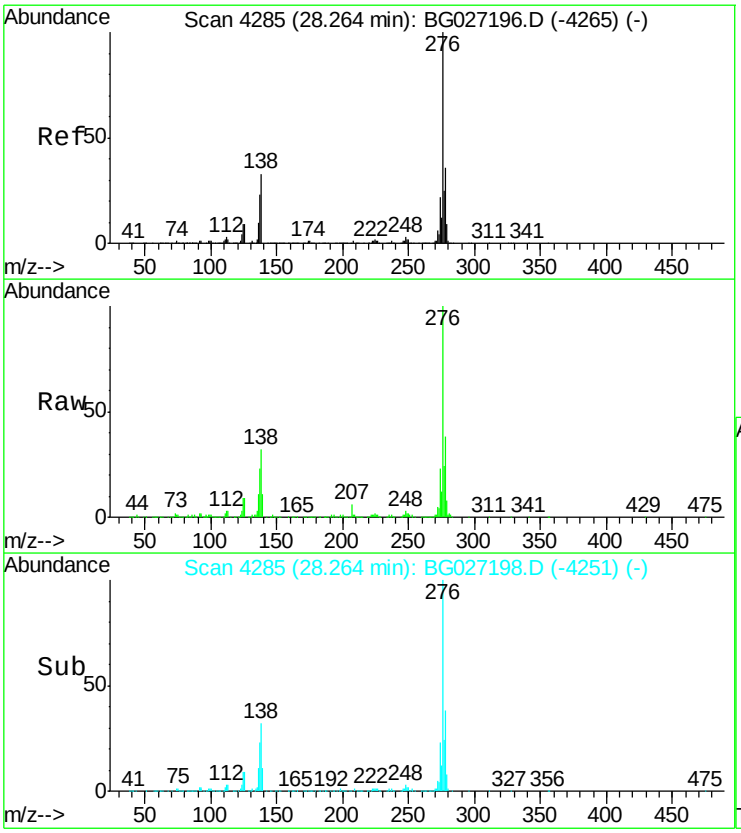
#27
Benzo(a)pyrene
Concen: 21.92 ng/ul
RT: 24.54 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 742549

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	16.0	9.4	14.2#

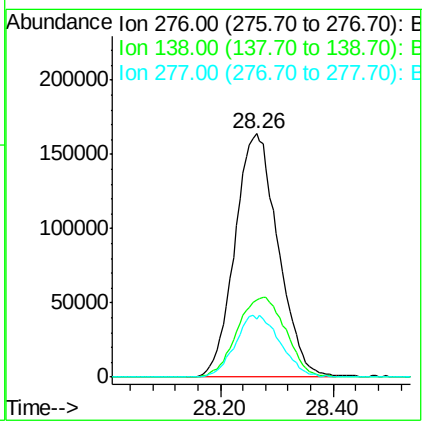


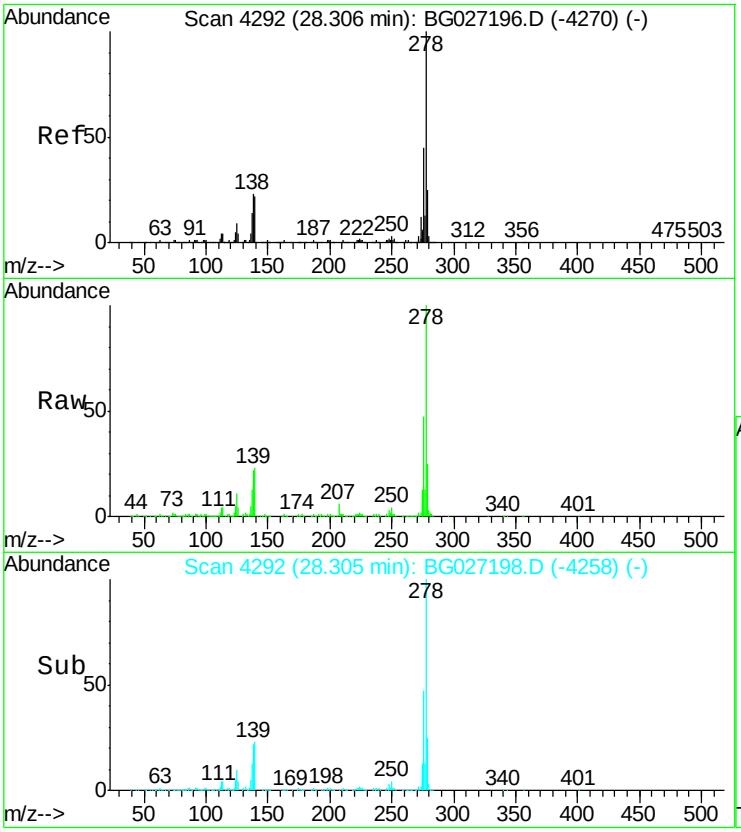


#28
Indeno(1,2,3-cd)pyrene
Concen: 19.52 ng/ul
RT: 28.26 min Scan# 4285
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Tgt Ion:276 Resp: 871080

Ion	Ratio	Lower	Upper
276	100		
138	31.7	17.8	26.6#
277	23.8	19.4	29.0



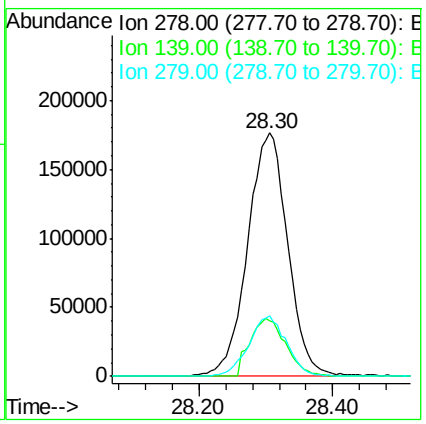


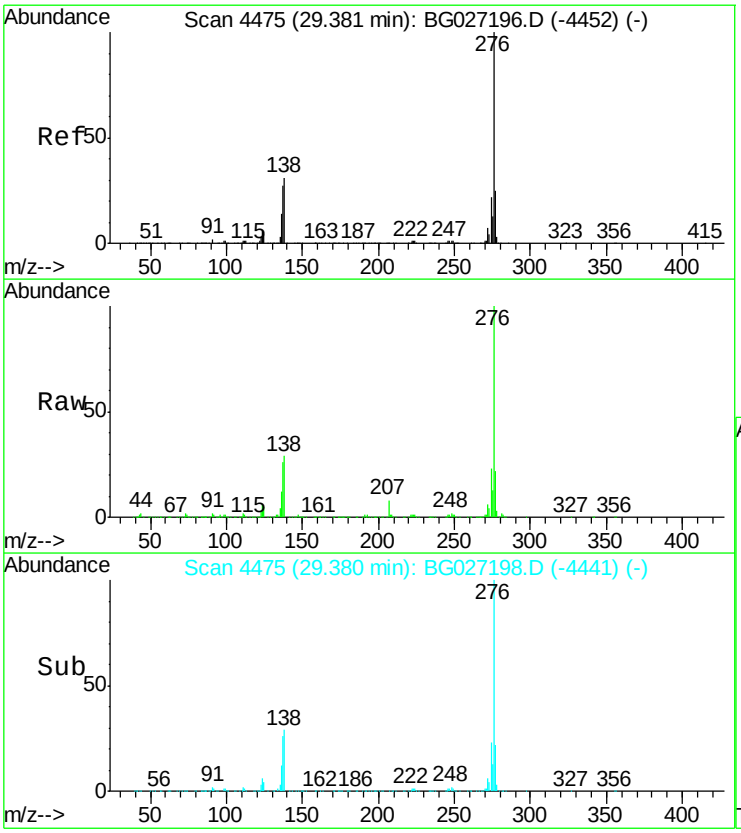
#29
Dibenzo(a,h)anthracene
Concen: 19.62 ng/ul
RT: 28.30 min Scan# 4292
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 732874

Ion	Ratio	Lower	Upper
278	100		
139	22.6	14.0	21.0#
279	24.8	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 20.35 ng/ul
RT: 29.38 min Scan# 4475
Delta R.T. -0.00 min
Lab File: BG027198.D
Acq: 28 May 2017 13:13

Tgt Ion:276 Resp: 723871

Ion	Ratio	Lower	Upper
276	100		
138	29.2	19.0	28.4#
277	22.0	19.7	29.5