Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG100717\
Data File : BG029049.D
Acq On : 7 Oct 2017 15:22
Operator : SJ/JU
Sample : SSTD02054
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 07 16:57:01 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 16:55:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.218	152	70896	20.00	ng/ul	0.00
2) Naphthalene-d8	11.038	136	327519	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.827	164	212665	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.565	188	526934	20.00	ng/ul	0.00
17) Chrysene-d12	21.849	240	515497	20.00	ng/ul	0.00
22) Perylene-d12	25.192	264	517220	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.522	160	463841	21.26	ng/ul	0.00
10) Fluorene-d10	15.815	176	335467	23.05	ng/ul	0.00
14) Anthracene-d10	17.665	188	525103	20.44	ng/ul	0.00
18) Pyrene-d10	19.933	212	571303	21.23	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.957	264	504384	19.63	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.085	128	351137	20.66	ng/ul	100
4) 2-Methylnaphthalene	12.677	142	267401	21.24	ng/ul	99
5) 1-Methylnaphthalene	12.894	142	252070	18.60	ng/ul#	95
8) Acenaphthylene	14.551	152	446952	20.39	ng/ul	99
9) Acenaphthene	14.892	153	299840	19.98	ng/ul	98
11) Fluorene	15.873	166	351366	21.97	ng/ul	95
13) Phenanthrene	17.607	178	575556	19.54	ng/ul	97
15) Anthracene	17.701	178	589252	19.47	ng/ul	99
16) Fluoranthene	19.604	202	693702	23.04	ng/ul	98
19) Pyrene	19.963	202	701556	20.82	ng/ul	98
20) Benzo(a)anthracene	21.825	228	656846	21.15	ng/ul	97
21) Chrysene	21.896	228	600440	21.06	ng/ul	99
23) Benzo(b)fluoranthene	24.128	252	639620	20.81	ng/ul	99
24) Benzo(k)fluoranthene	24.199	252	621270	19.65	ng/ul	97
26) Benzo(a)pyrene	25.039	252	622446	20.70	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	29.023	276	697343	25.21	ng/ul#	94
28) Dibenzo(a,h)anthracene	29.093	278	576417	24.15	ng/ul	98
29) Benzo(g,h,i)perylene	30.209	276	577064	26.23	ng/ul	96

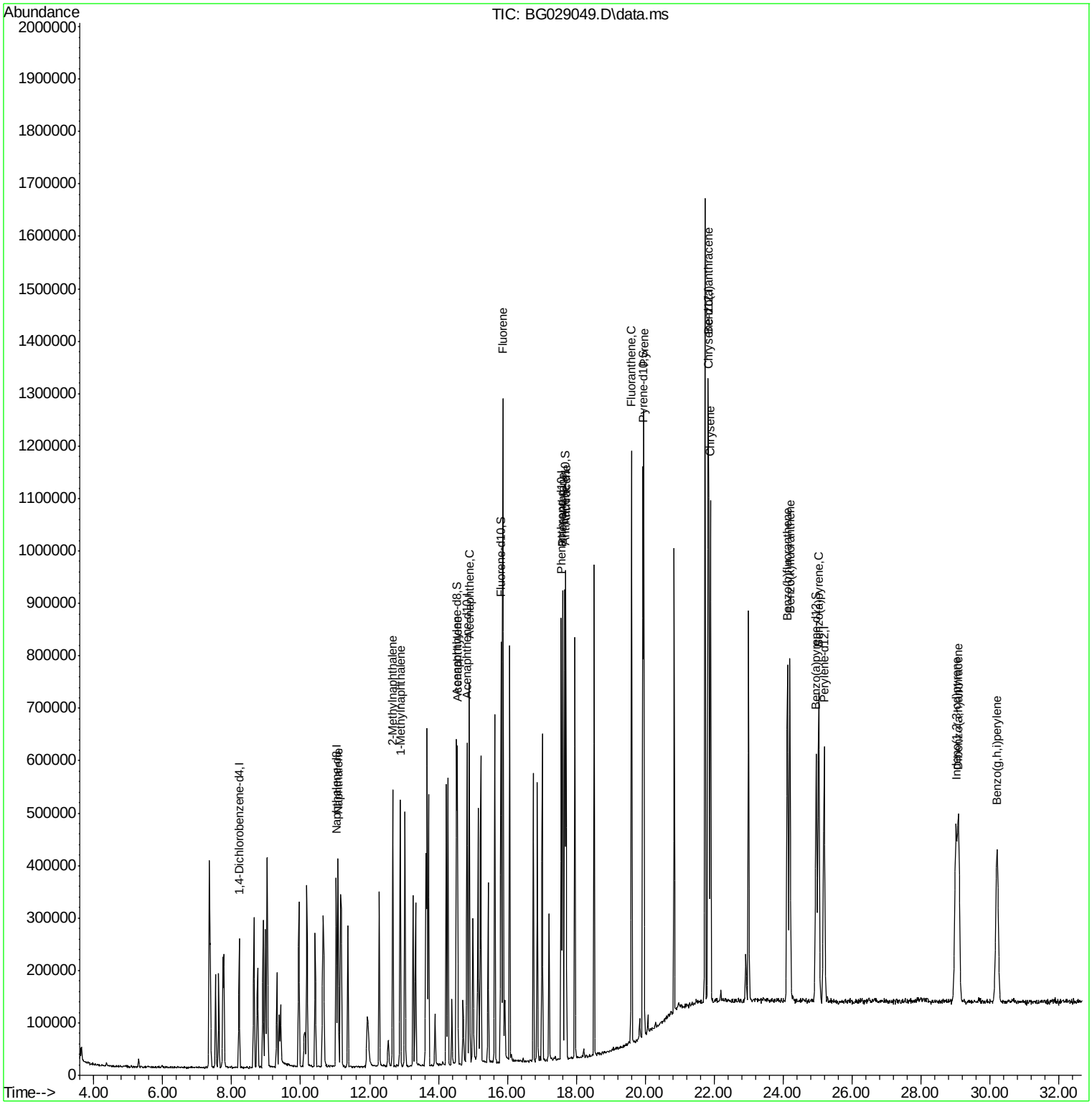
(#) = qualifier out of range (m) = manual integration (+) = signals summed

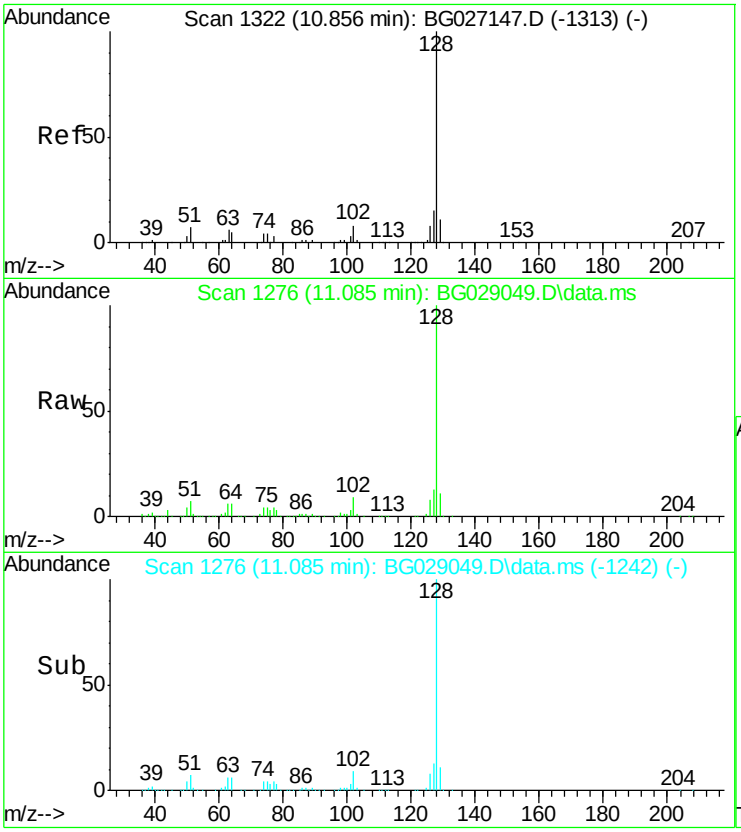
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG100717\
Data File : BG029049.D
Acq On : 7 Oct 2017 15:22
Operator : SJ/JU
Sample : SSTD02054
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 07 16:57:01 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 16:55:35 2017
Response via : Initial Calibration



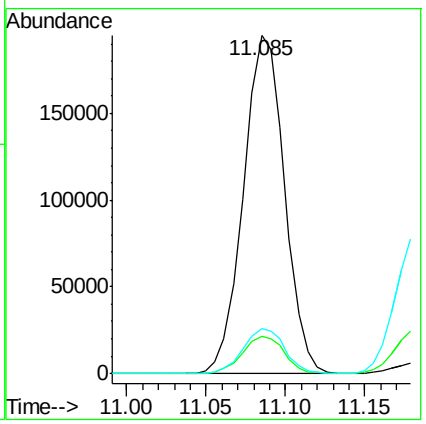


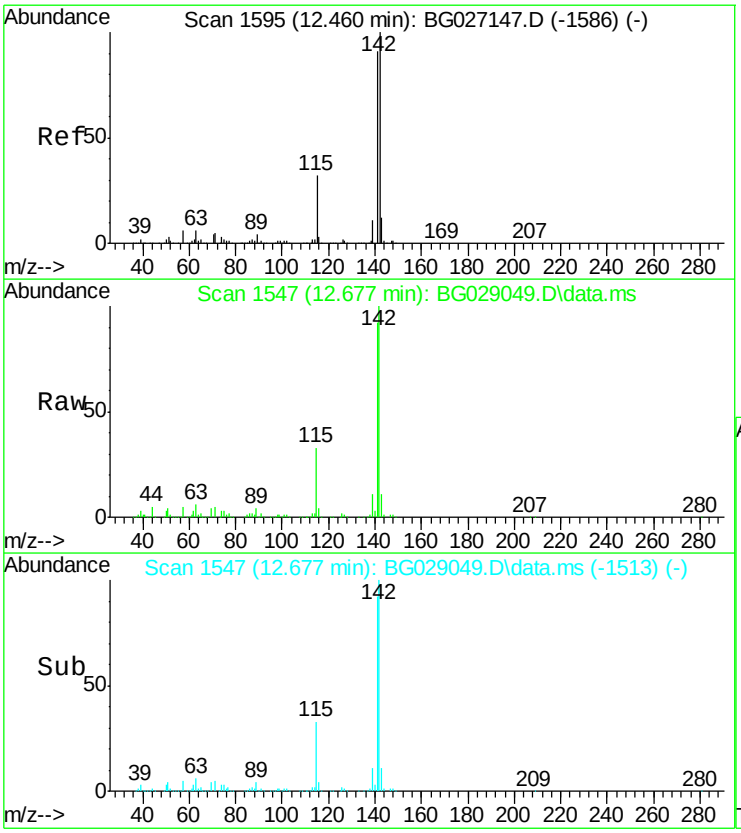
#3
Naphthalene
Concen: 20.66 ng/ul
RT: 11.085 min Scan# 12
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 351137

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.2	10.6	16.0

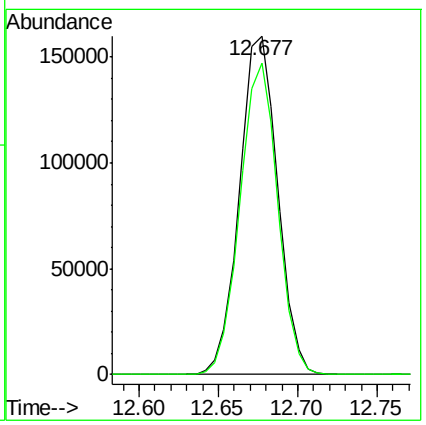


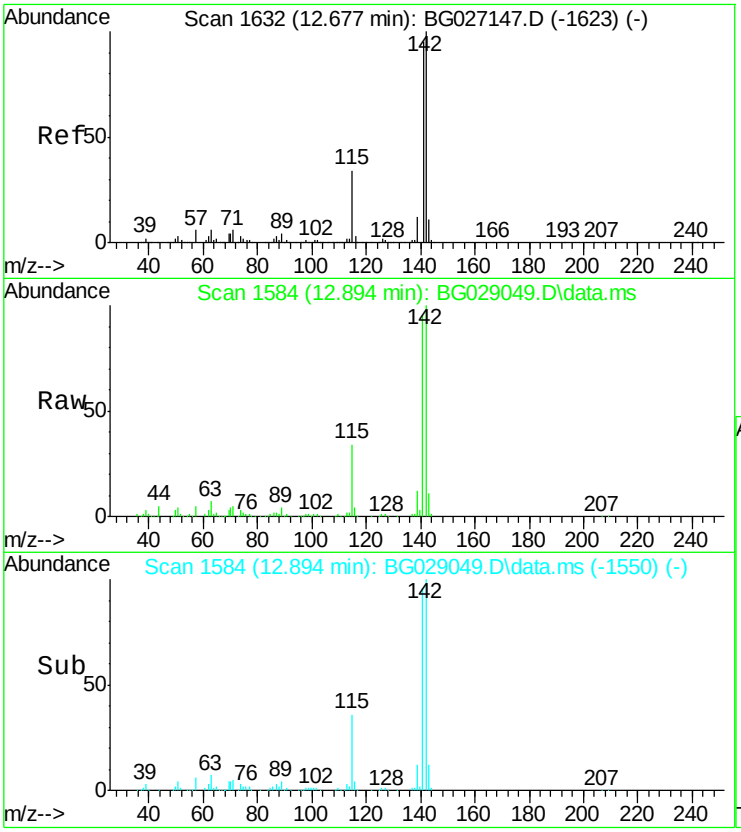


#4
2-Methylnaphthalene
Concen: 21.24 ng/ul
RT: 12.677 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Tgt Ion:142 Resp: 267401

Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.7	109.1



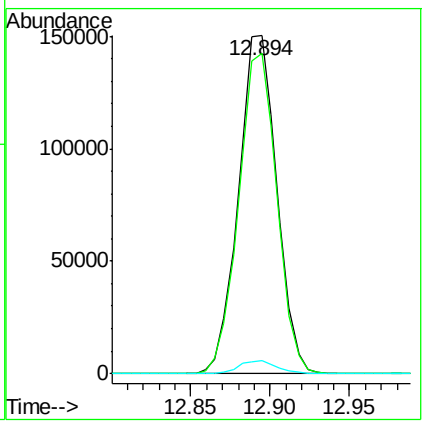


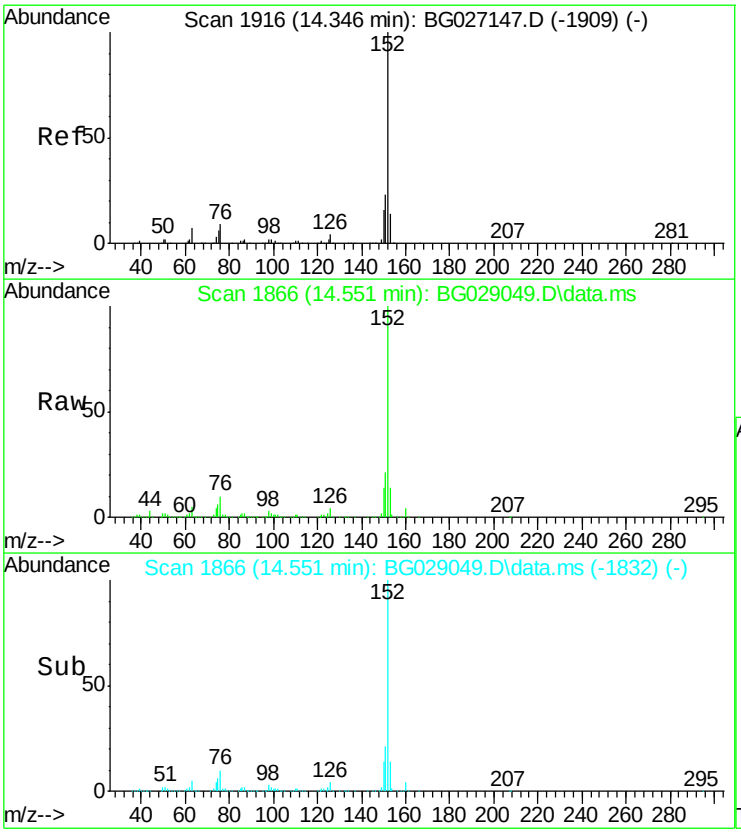
#5
1-Methylnaphthalene
Concen: 18.60 ng/ul
RT: 12.894 min Scan# 15
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 252070

Ion	Ratio	Lower	Upper
142	100		
141	94.6	79.3	118.9
116	3.9	4.2	6.2#

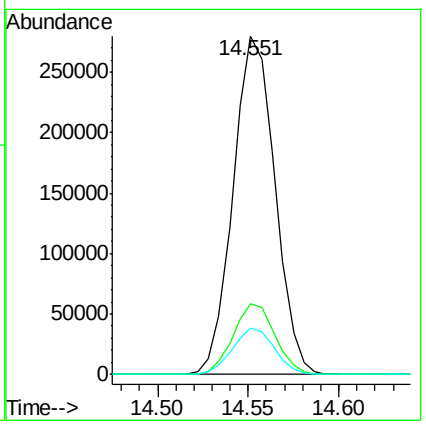


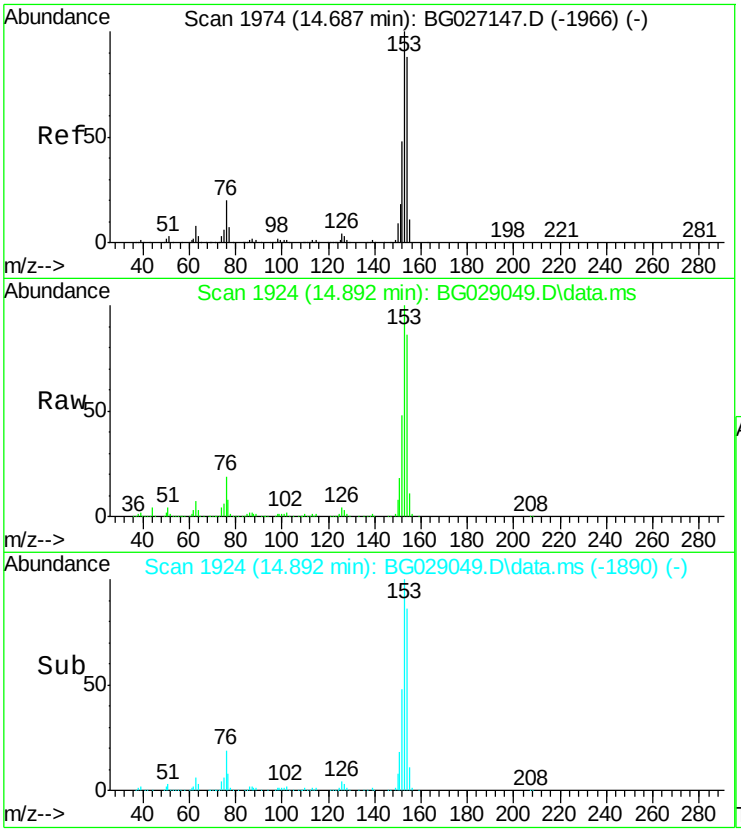


#8
Acenaphthylene
Concen: 20.39 ng/ul
RT: 14.551 min Scan# 1866
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Tgt Ion:152 Resp: 446952

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1
153	13.7	10.2	15.4



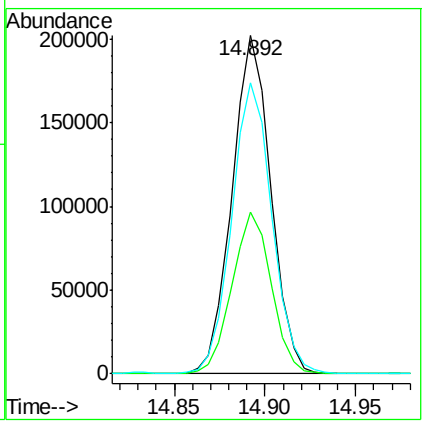


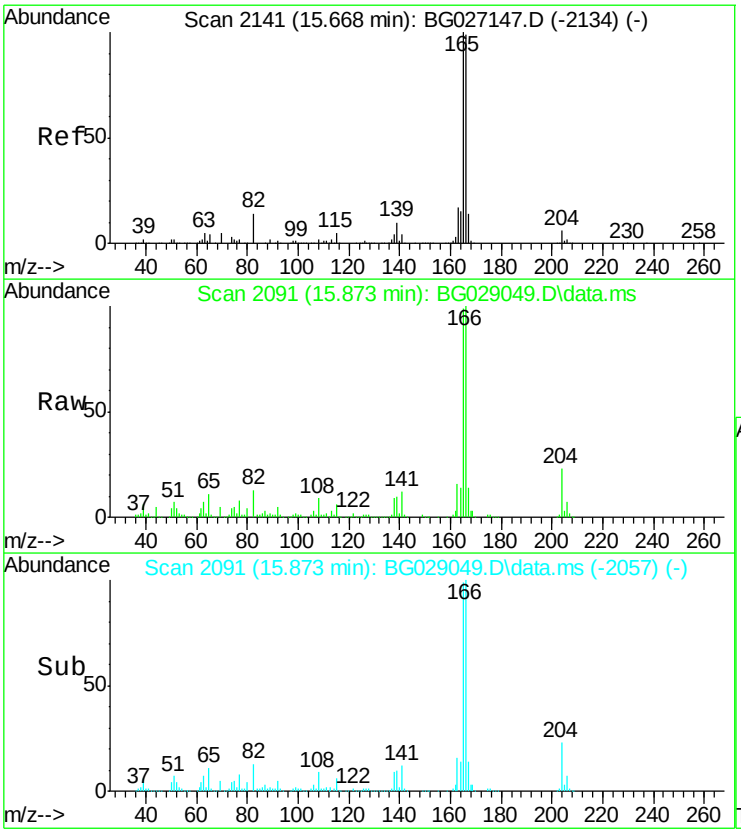
#9
Acenaphthene
Concen: 19.98 ng/ul
RT: 14.892 min Scan# 19
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 299840

Ion	Ratio	Lower	Upper
153	100		
152	47.9	39.0	58.6
154	85.9	66.8	100.2

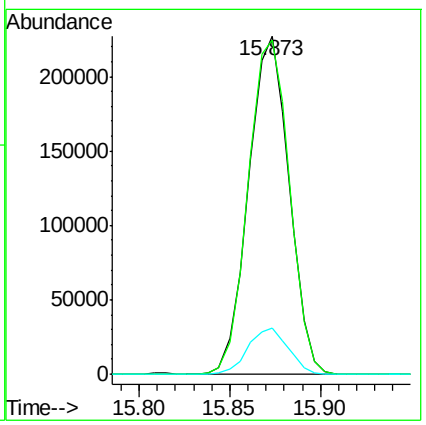


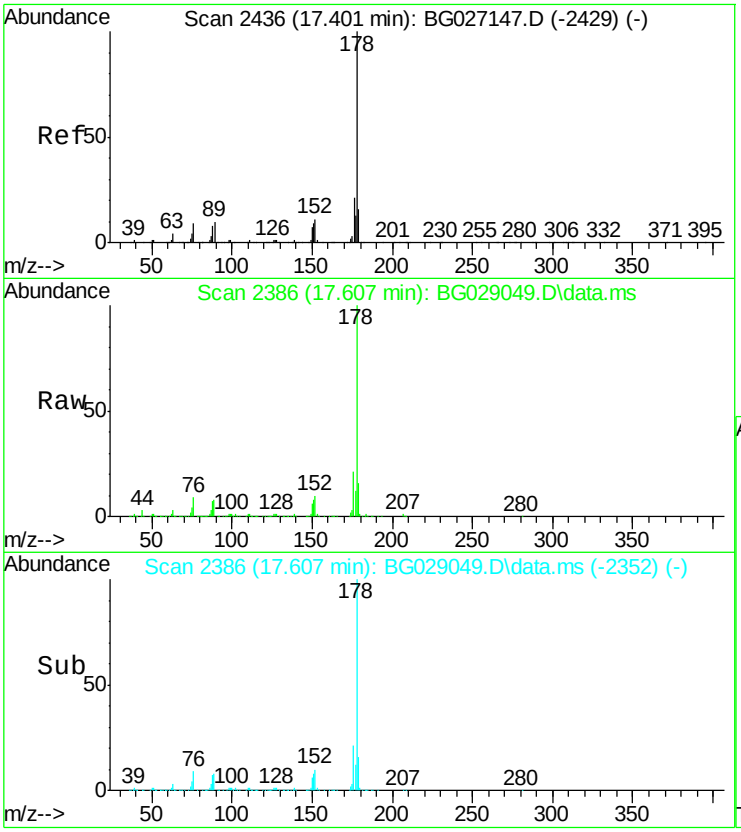


#11
Fluorene
Concen: 21.97 ng/ul
RT: 15.873 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Tgt Ion:166 Resp: 351366

Ion	Ratio	Lower	Upper
166	100		
165	98.8	83.8	125.8
167	13.7	11.5	17.3



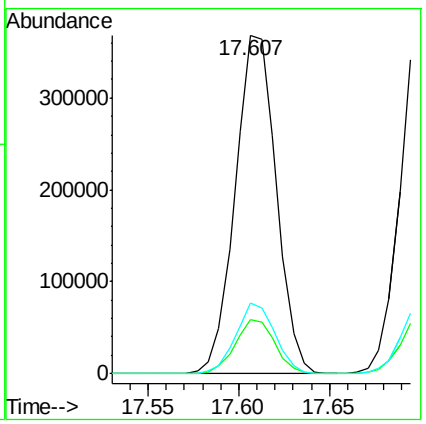


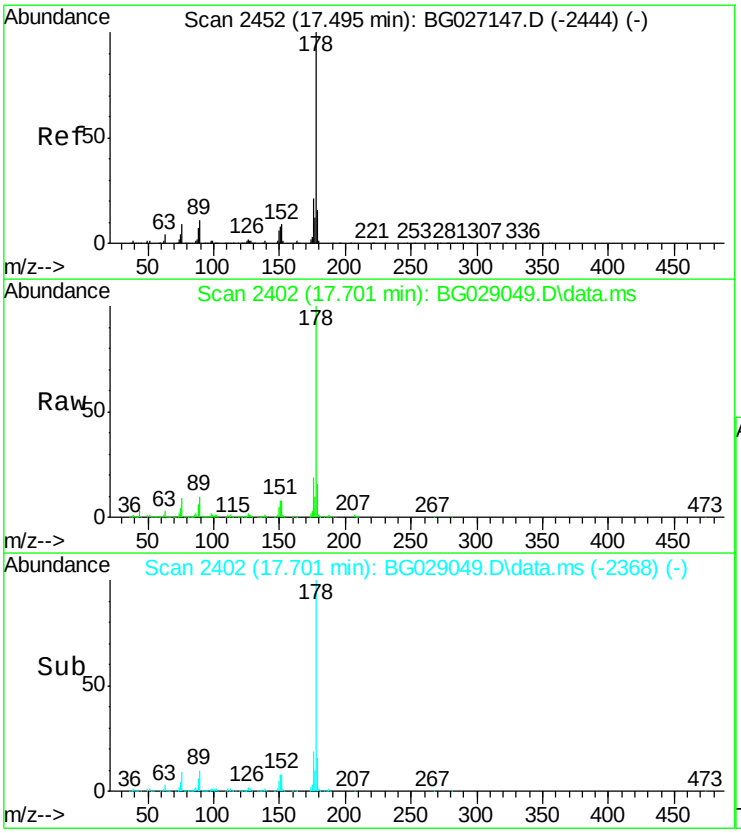
#13
Phenanthrene
Concen: 19.54 ng/ul
RT: 17.607 min Scan# 23
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 575556

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	21.1	15.1	22.7

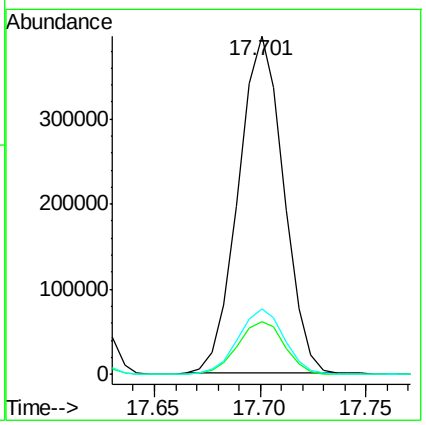


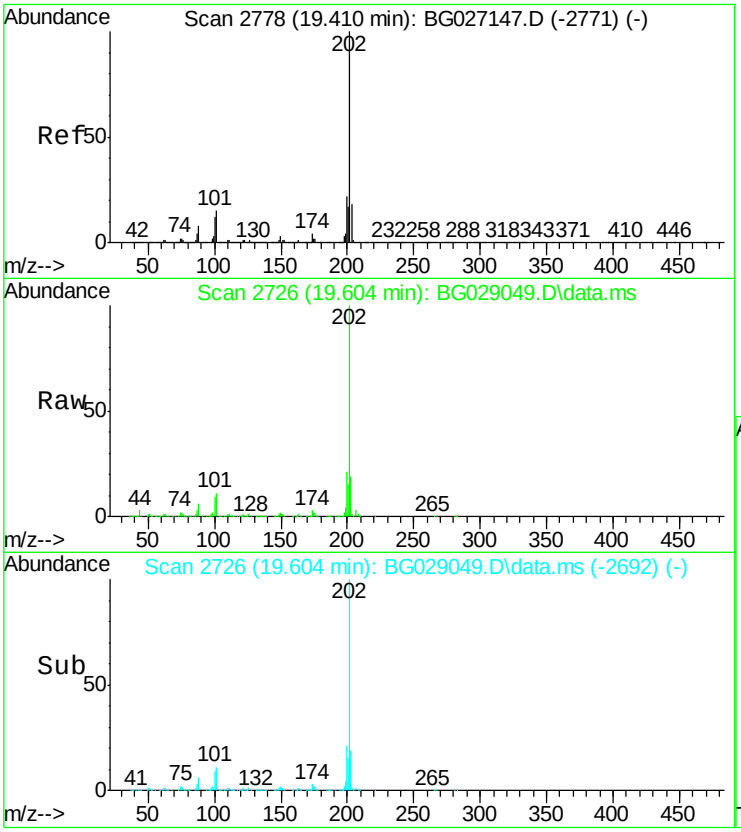


#15
Anthracene
Concen: 19.47 ng/ul
RT: 17.701 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Tgt Ion:178 Resp: 589252

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	19.3	15.2	22.8



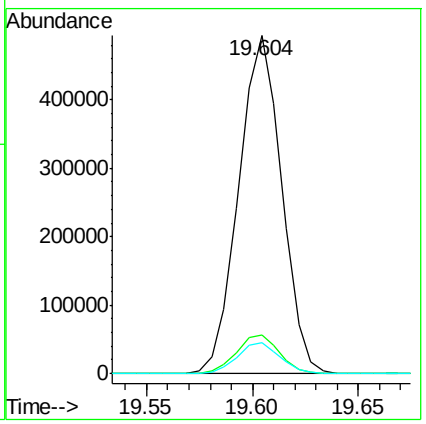


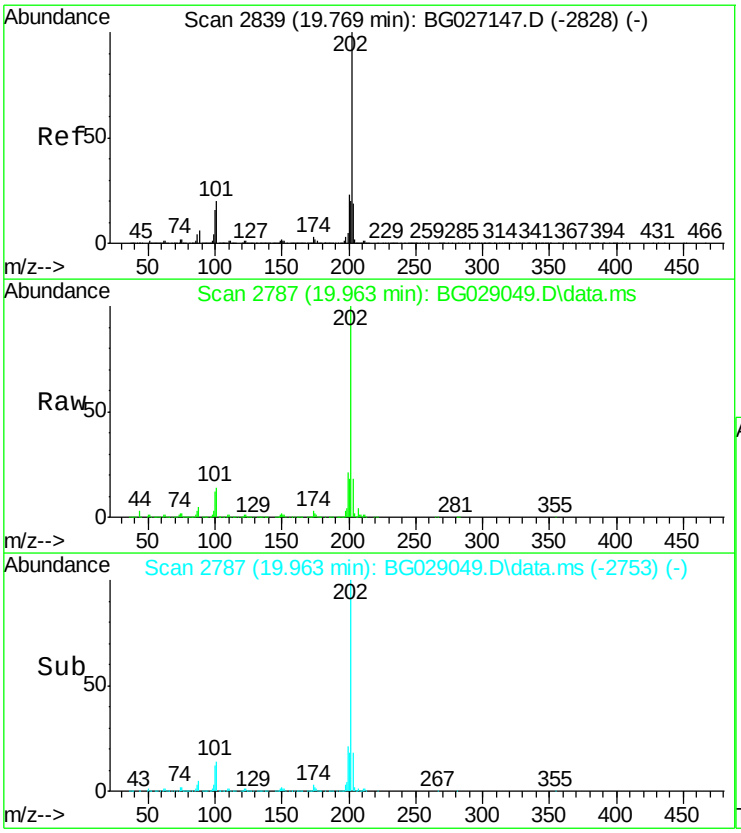
#16
Fluoranthene
Concen: 23.04 ng/ul
RT: 19.604 min Scan# 27
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 693702

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.9	14.9
100	9.0	7.4	11.0

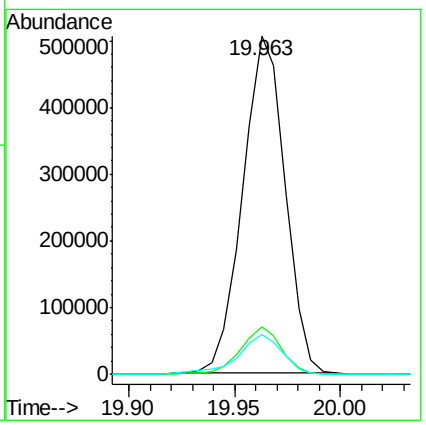


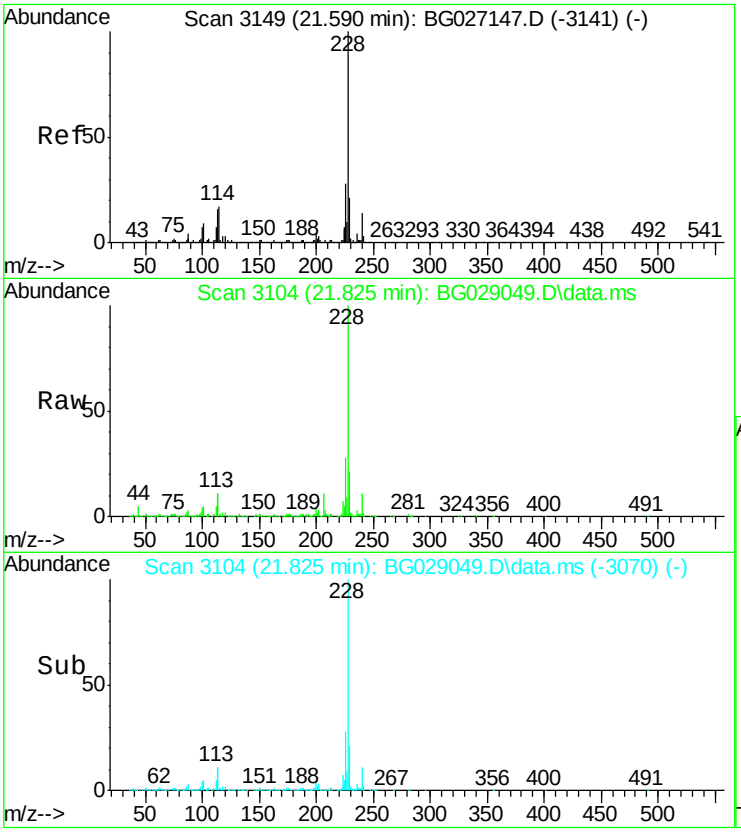


#19
Pyrene
Concen: 20.82 ng/ul
RT: 19.963 min Scan# 2787
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Tgt Ion:202 Resp: 701556

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.0	16.4
100	11.7	8.1	12.1



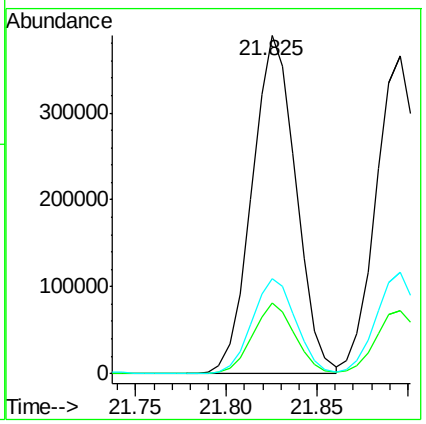


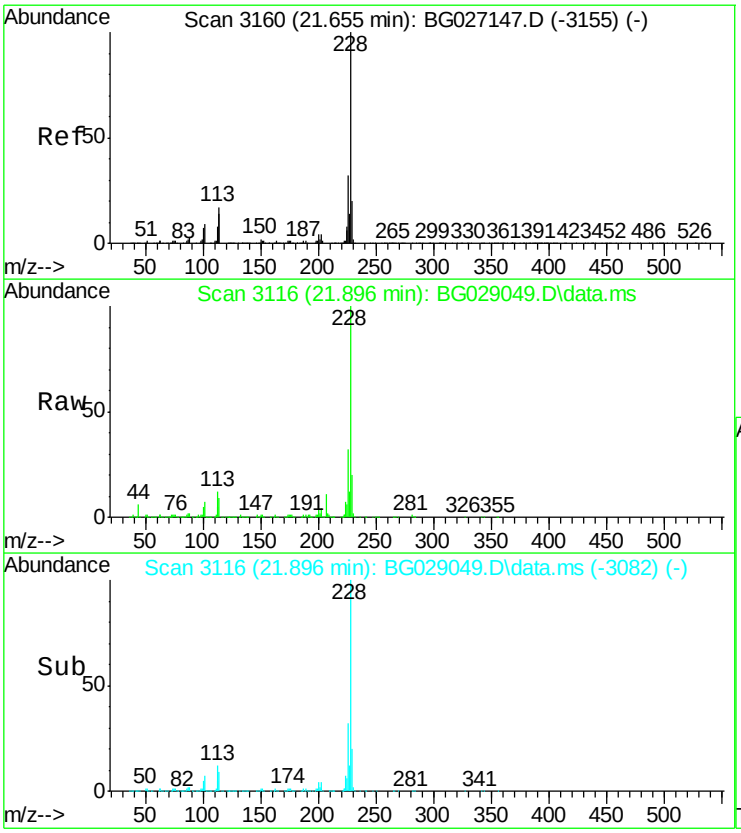
#20
Benzo(a)anthracene
Concen: 21.15 ng/ul
RT: 21.825 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 656846

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	28.2	21.1	31.7

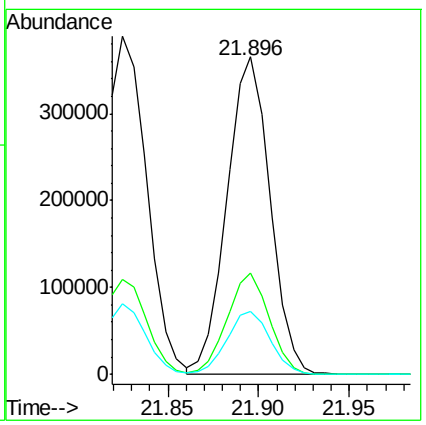


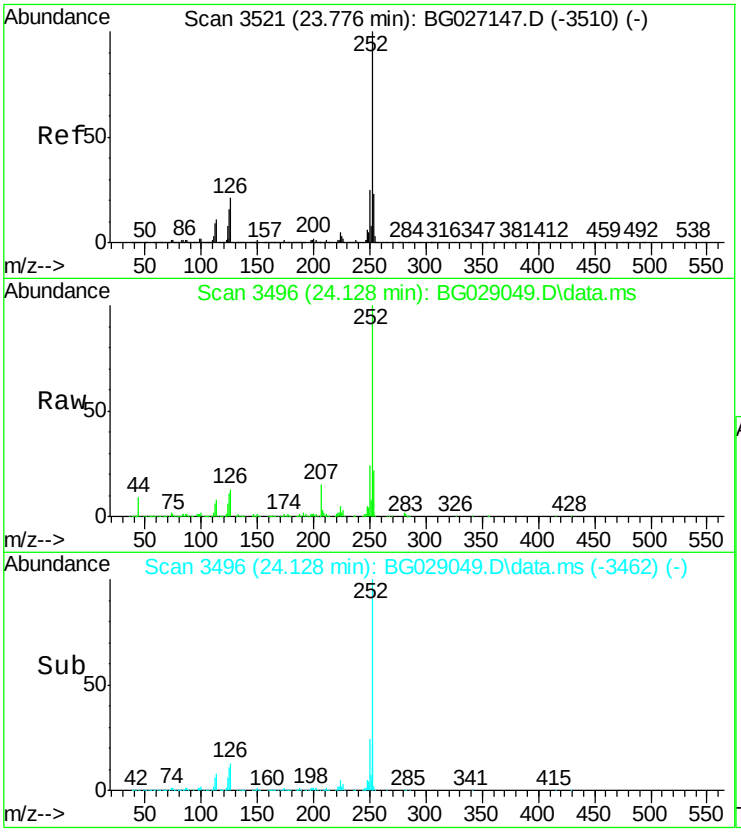


#21
Chrysene
Concen: 21.06 ng/ul
RT: 21.896 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Tgt Ion:228 Resp: 600440

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.5	36.7
229	19.7	15.8	23.8



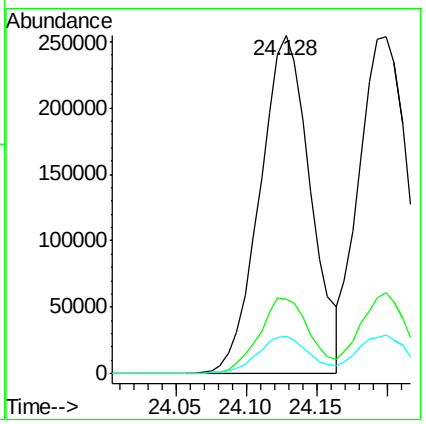


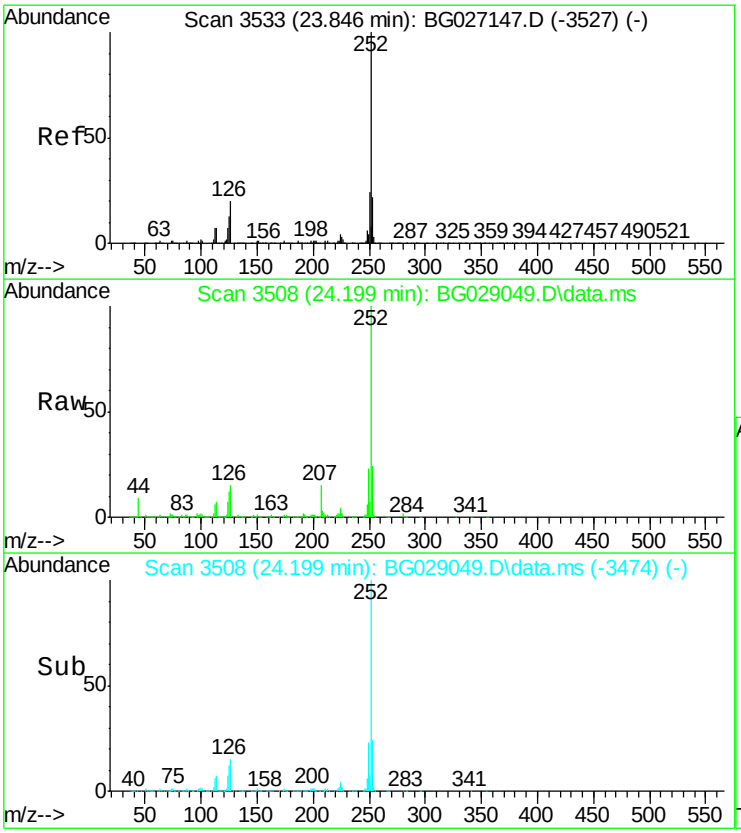
#23
Benzo(b)fluoranthene
Concen: 20.81 ng/ul
RT: 24.128 min Scan# 34
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 639620

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.0	8.0	12.0

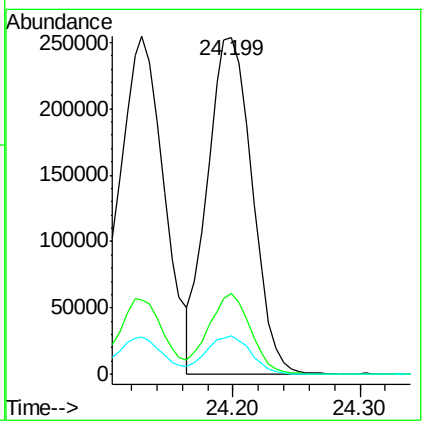


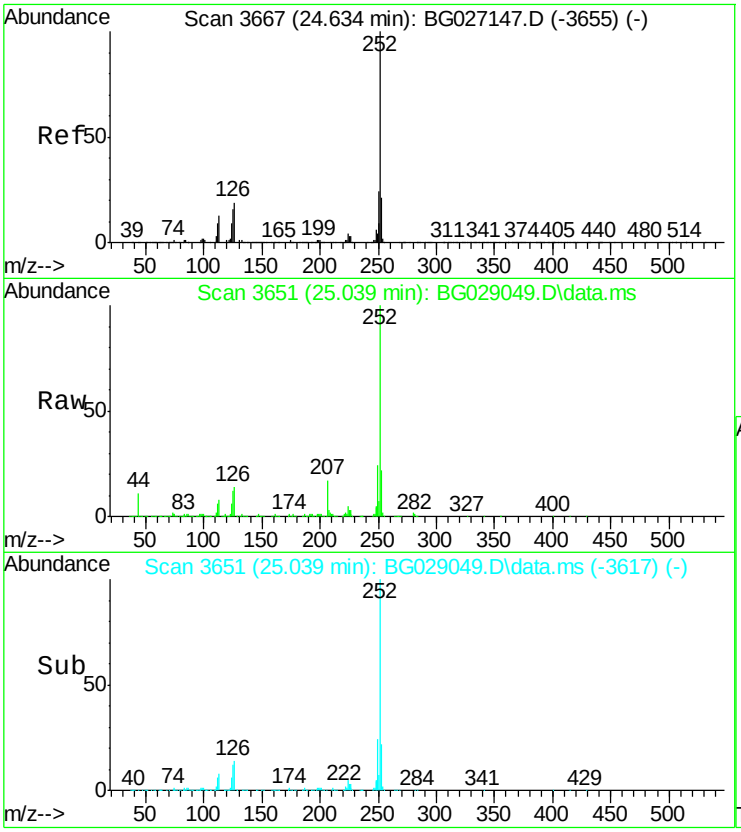


#24
Benzo(k)fluoranthene
Concen: 19.65 ng/ul
RT: 24.199 min Scan# 3508
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Tgt Ion:252 Resp: 621270

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	11.6	8.1	12.1



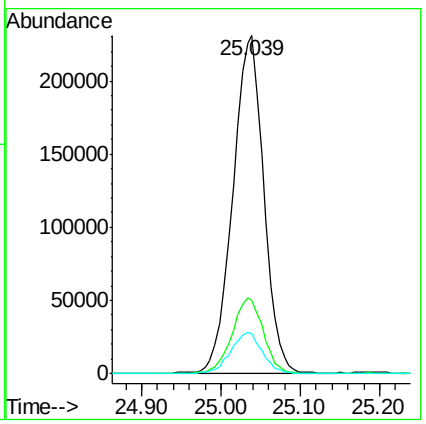


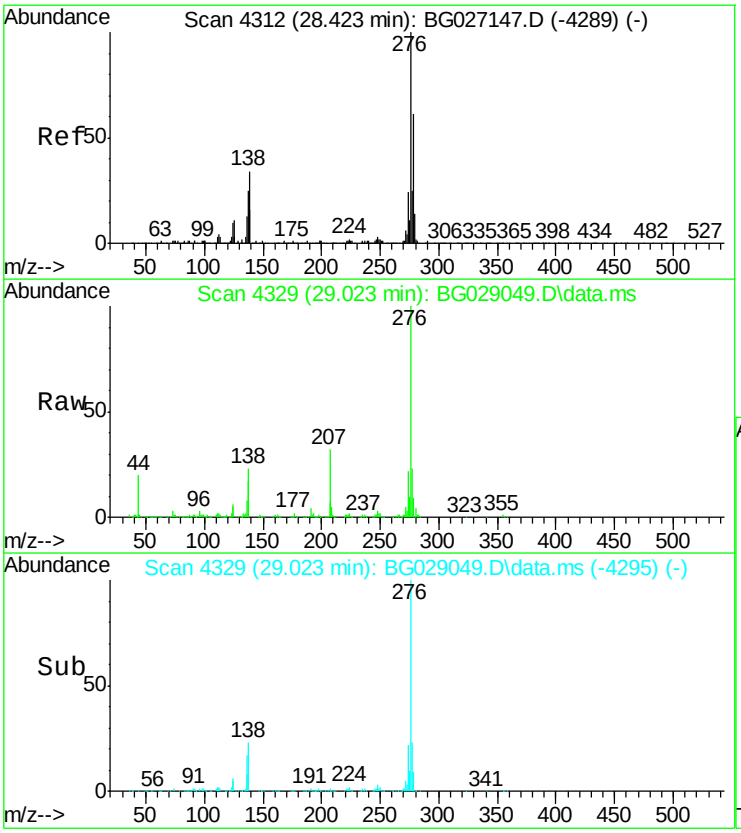
#26
Benzo(a)pyrene
Concen: 20.70 ng/ul
RT: 25.039 min Scan# 36
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 622446

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	11.8	8.2	12.4

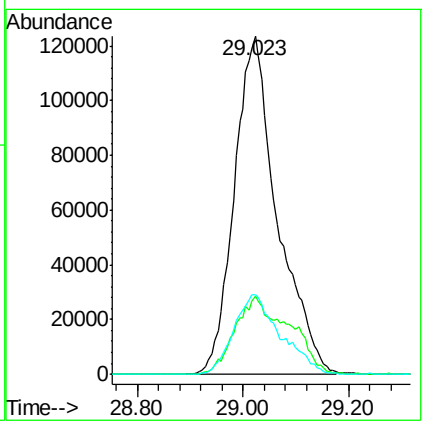


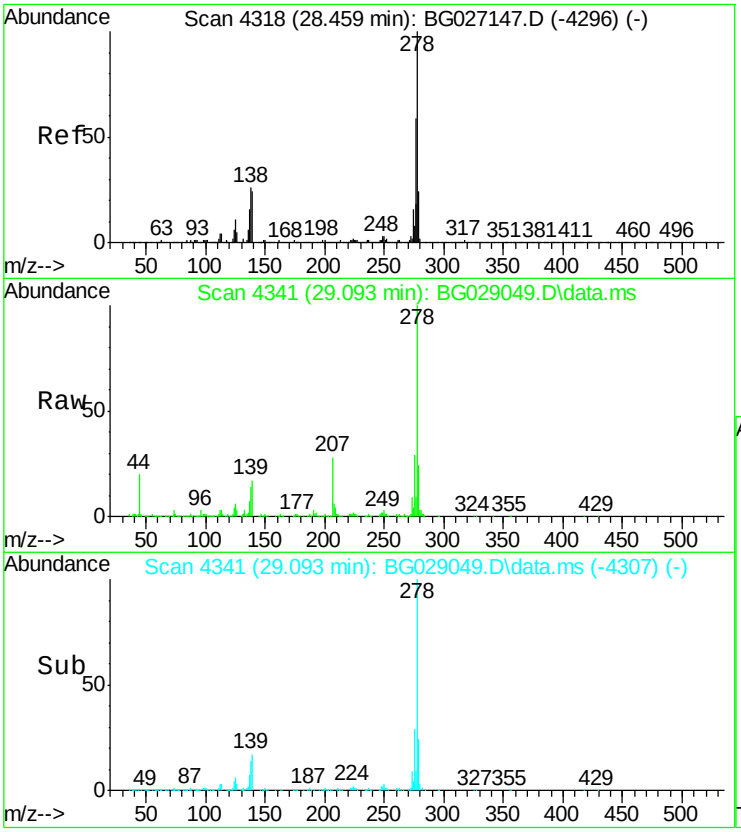


#27
Indeno(1,2,3-cd)pyrene
Concen: 25.21 ng/ul
RT: 29.023 min Scan# 4329
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Tgt Ion:276 Resp: 697343

Ion	Ratio	Lower	Upper
276	100		
138	23.1	14.4	21.6#
277	23.5	18.0	27.0



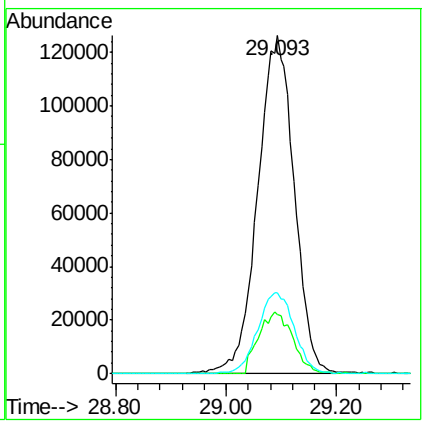


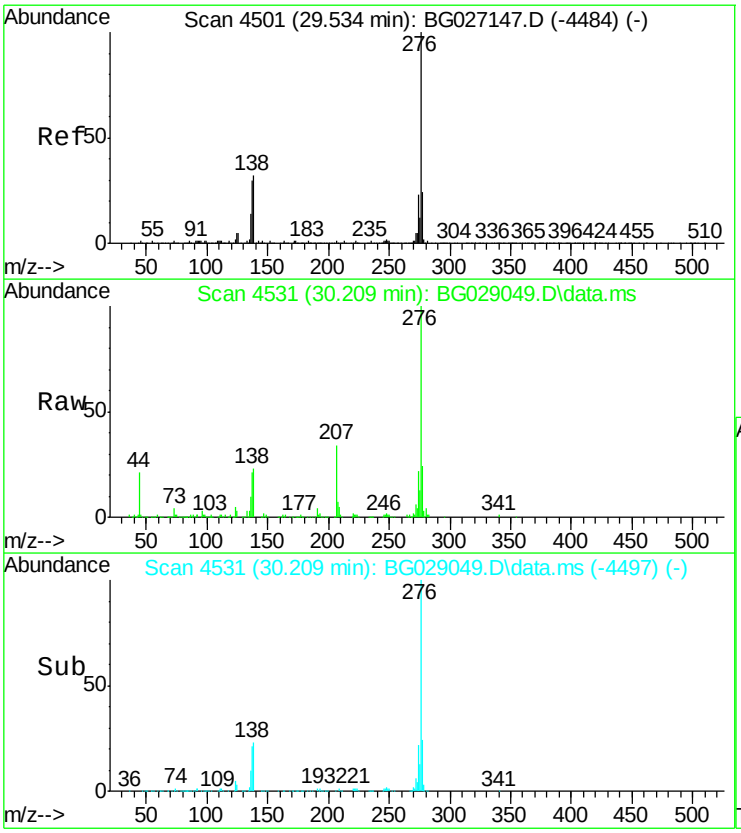
#28
Dibenzo(a,h)anthracene
Concen: 24.15 ng/ul
RT: 29.093 min Scan# 43
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 576417

Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.2	18.4
279	24.0	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 26.23 ng/ul
RT: 30.209 min Scan# 4531
Delta R.T. 0.000 min
Lab File: BG029049.D
Acq: 7 Oct 2017 15:22

Tgt Ion:276 Resp: 577064

Ion	Ratio	Lower	Upper
276	100		
138	22.8	15.3	22.9
277	24.0	19.0	28.4