Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG100717\
Data File : BG029048.D
Acq On : 7 Oct 2017 14:42
Operator : SJ/JU
Sample : SSTD01053
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 07 16:56:53 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	8.220	152	70873	20.00	ng/ul	0.00
2) Naphthalene-d8	11.035	136	315335	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.830	164	206239	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.568	188	508023	20.00	ng/ul	0.00
17) Chrysene-d12	21.845	240	537501	20.00	ng/ul	0.00
22) Perylene-d12	25.189	264	505516	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.525	160	216777	10.25	ng/ul	0.00
10) Fluorene-d10	15.811	176	160157	11.35	ng/ul	0.00
14) Anthracene-d10	17.662	188	251698	10.16	ng/ul	0.00
18) Pyrene-d10	19.936	212	274666	9.79	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.959	264	234817	9.35	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.087	128	164878	10.08	ng/ul	100
4) 2-Methylnaphthalene	12.674	142	124541	10.27	ng/ul	98
5) 1-Methylnaphthalene	12.891	142	120197	9.21	ng/ul#	92
8) Acenaphthylene	14.554	152	215256	10.12	ng/ul	100
9) Acenaphthene	14.895	153	143476	9.86	ng/ul	98
11) Fluorene	15.870	166	171968	11.09	ng/ul	94
13) Phenanthrene	17.609	178	285163	10.04	ng/ul	100
15) Anthracene	17.697	178	289378	9.92	ng/ul	98
16) Fluoranthene	19.601	202	330333	11.38	ng/ul	99
19) Pyrene	19.965	202	337399	9.60	ng/ul	99
20) Benzo(a)anthracene	21.828	228	310999	9.60	ng/ul	97
21) Chrysene	21.892	228	288306	9.70	ng/ul	99
23) Benzo(b)fluoranthene	24.125	252	297652	9.91	ng/ul	97
24) Benzo(k)fluoranthene	24.196	252	292238	9.46	ng/ul	98
26) Benzo(a)pyrene	25.024	252	289903	9.86	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	29.013	276	323361	11.96	ng/ul	95
28) Dibenzo(a,h)anthracene	29.090	278	270676	11.60	ng/ul	98
29) Benzo(g,h,i)perylene	30.206	276	266043	12.37	ng/ul	95

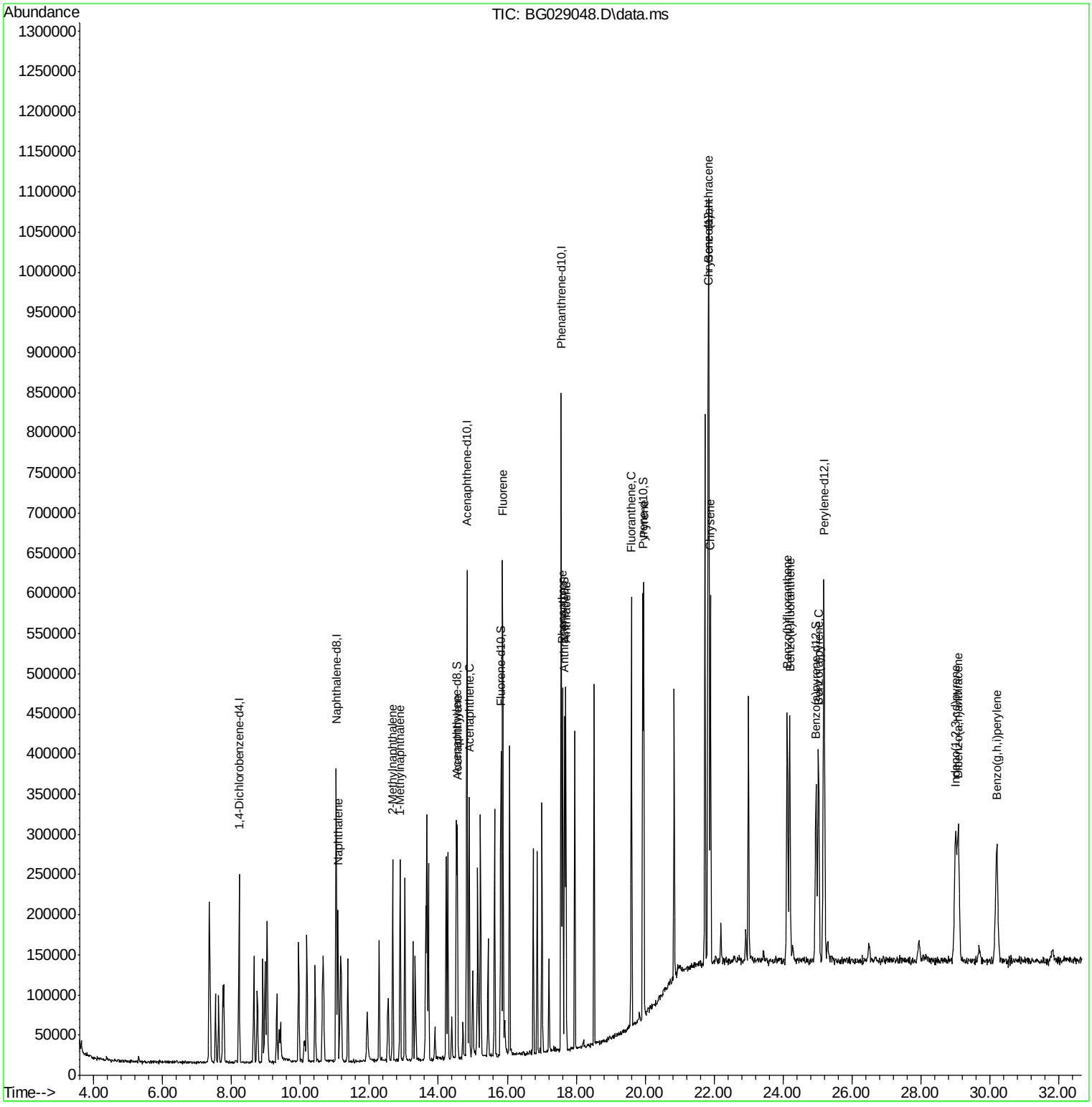
(#) = qualifier out of range (m) = manual integration (+) = signals summed

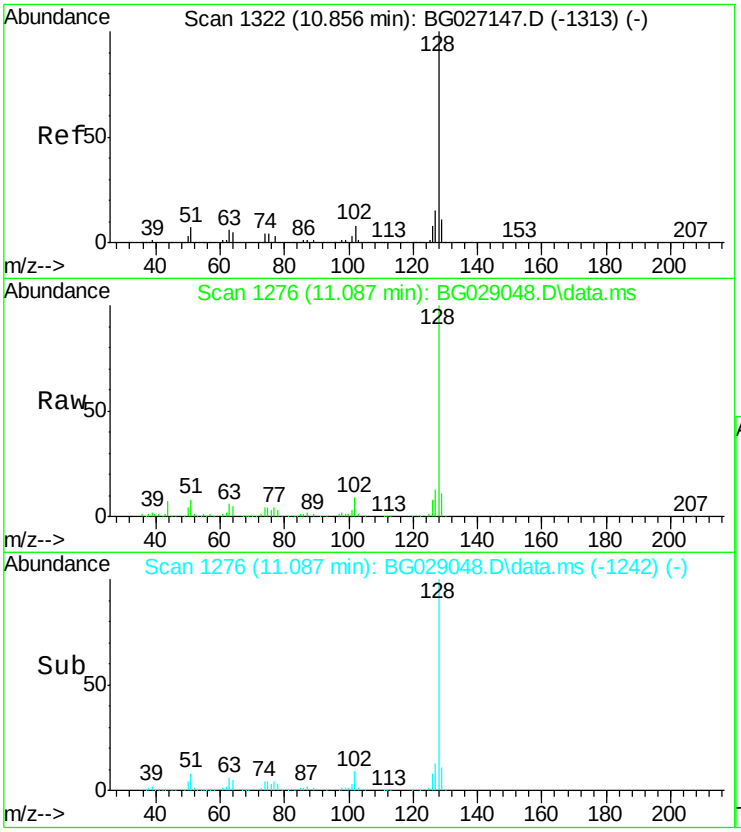
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG100717\
Data File : BG029048.D
Acq On : 7 Oct 2017 14:42
Operator : SJ/JU
Sample : SSTD01053
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 07 16:56:53 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



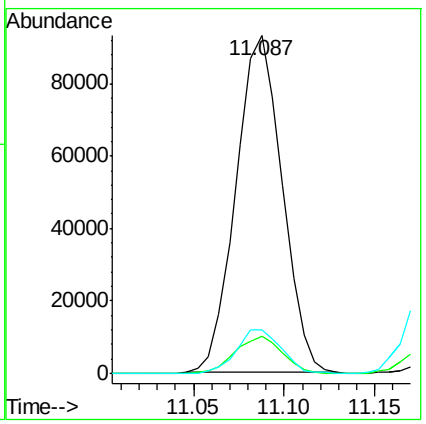


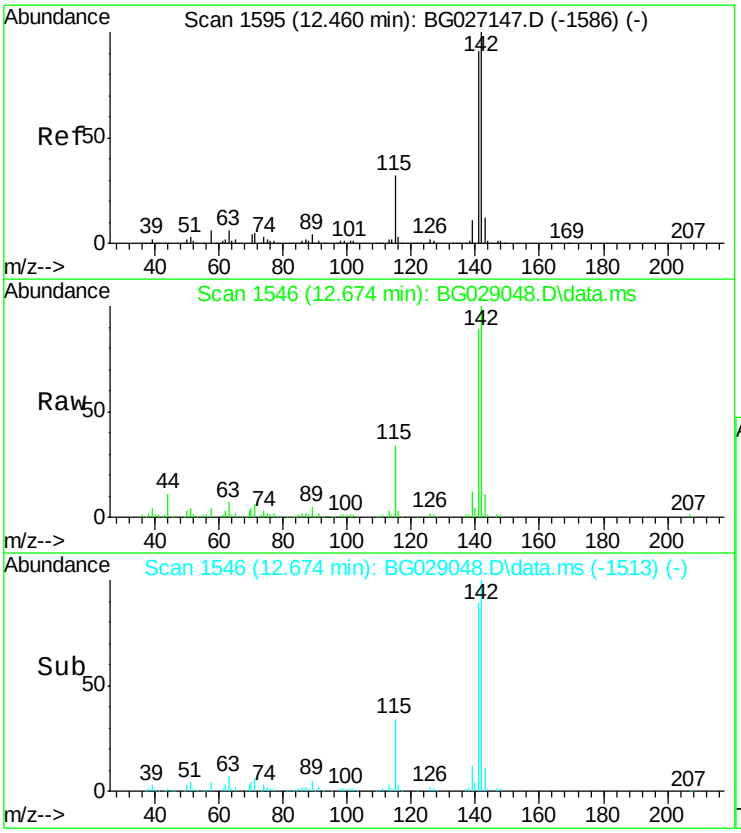
#3
Naphthalene
Concen: 10.08 ng/ul
RT: 11.087 min Scan# 12
Delta R.T. 0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 164878

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.0	10.6	16.0

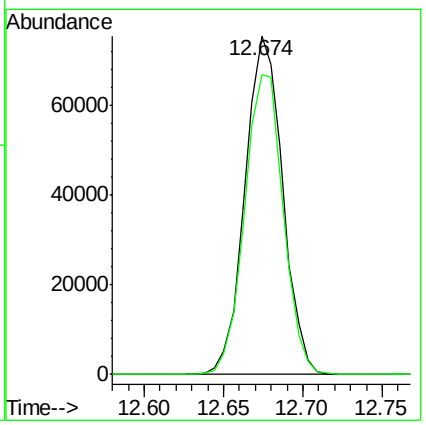


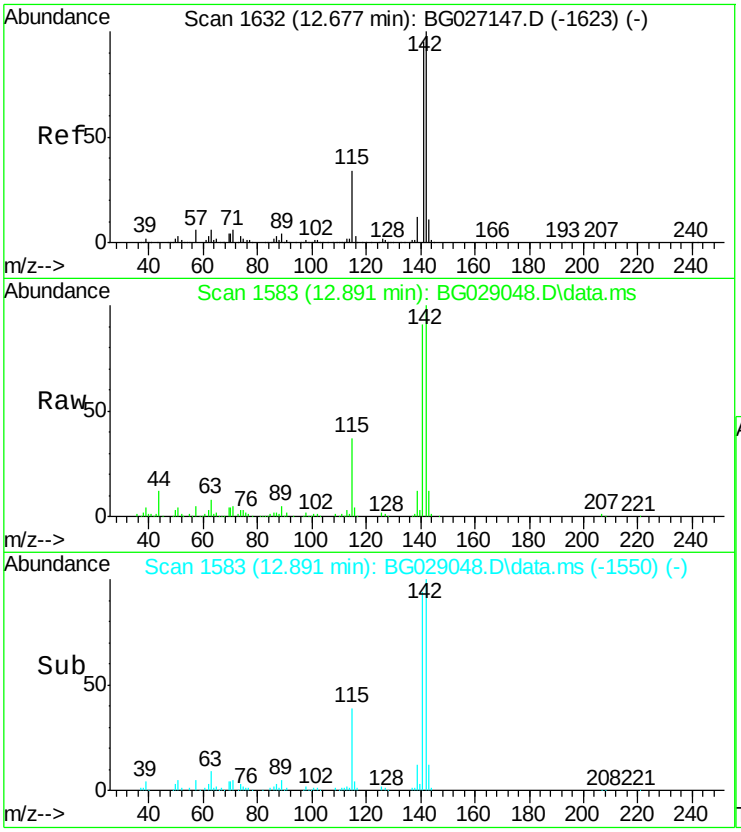


#4
2-Methylnaphthalene
Concen: 10.27 ng/ul
RT: 12.674 min Scan# 1546
Delta R.T. -0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Tgt Ion:142 Resp: 124541

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.7	109.1



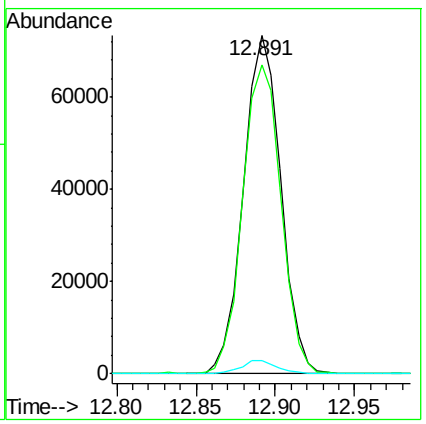


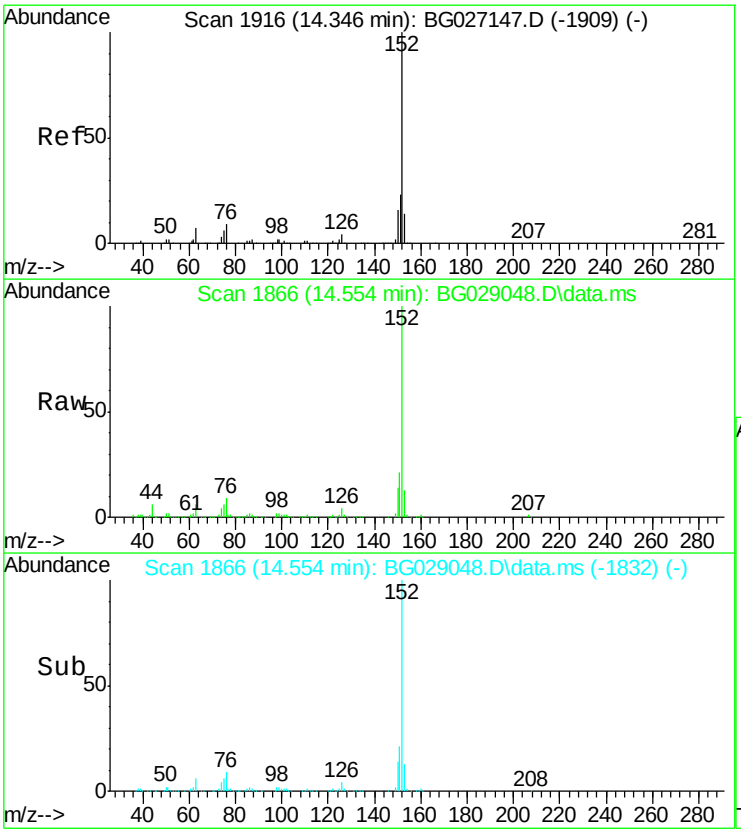
#5
1-Methylnaphthalene
Concen: 9.21 ng/ul
RT: 12.891 min Scan# 15
Delta R.T. -0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 120197

Ion	Ratio	Lower	Upper
142	100		
141	91.4	79.3	118.9
116	3.9	4.2	6.2#

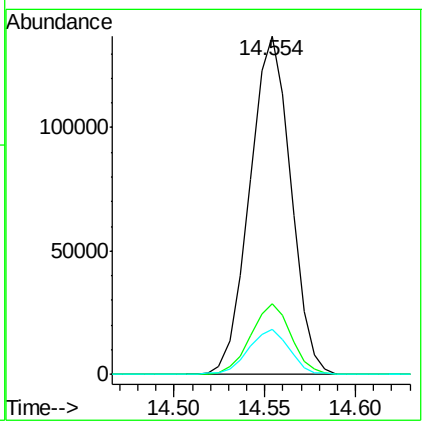


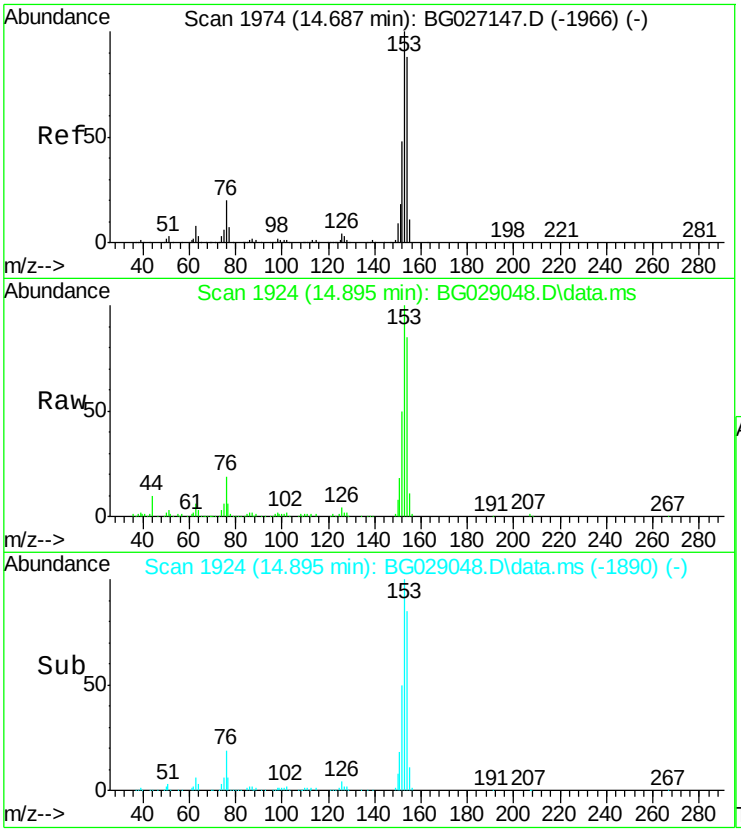


#8
Acenaphthylene
Concen: 10.12 ng/ul
RT: 14.554 min Scan# 1866
Delta R.T. 0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Tgt Ion:152 Resp: 215256

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1
153	13.2	10.2	15.4



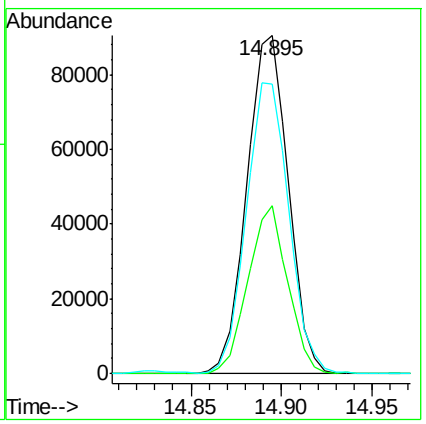


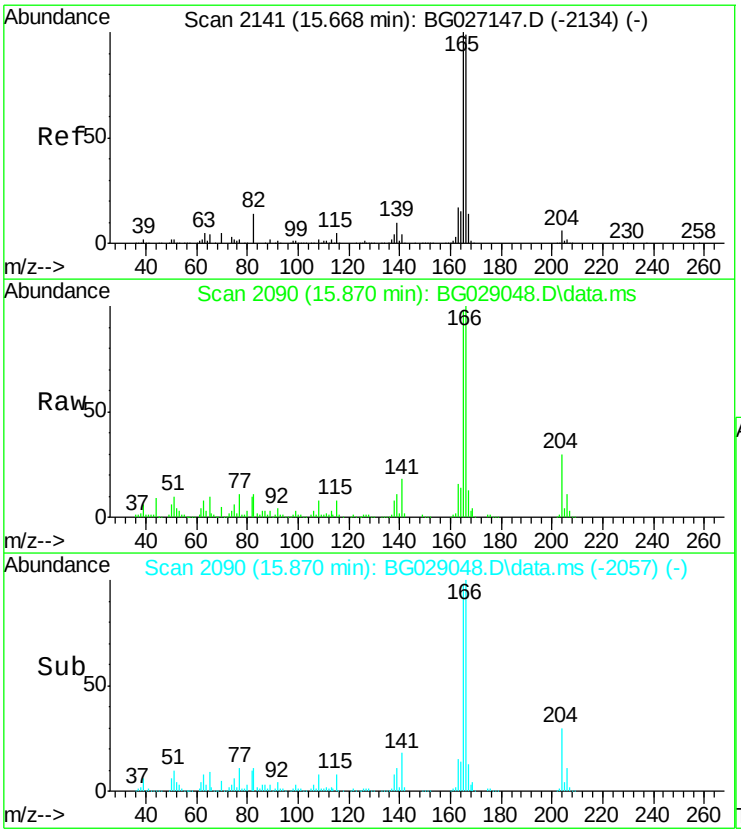
#9
Acenaphthene
Concen: 9.86 ng/ul
RT: 14.895 min Scan# 19
Delta R.T. 0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 143476

Ion	Ratio	Lower	Upper
153	100		
152	49.5	39.0	58.6
154	85.5	66.8	100.2

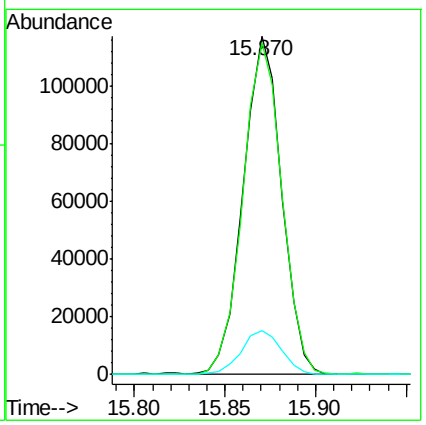


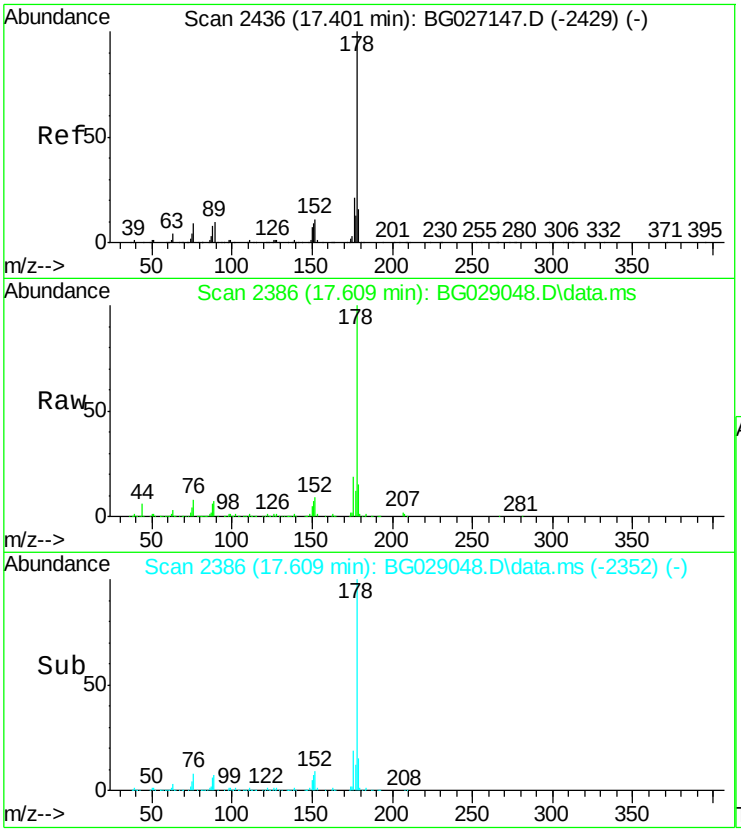


#11
Fluorene
Concen: 11.09 ng/ul
RT: 15.870 min Scan# 2090
Delta R.T. -0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Tgt Ion:166 Resp: 171968

Ion	Ratio	Lower	Upper
166	100		
165	98.0	83.8	125.8
167	12.8	11.5	17.3



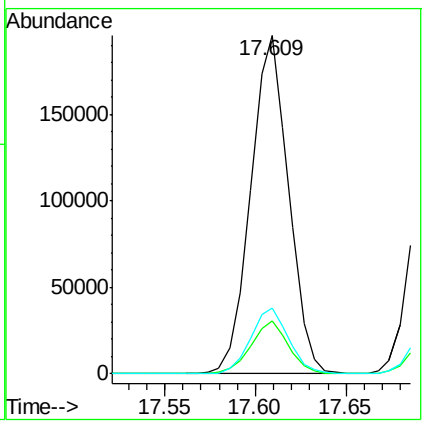


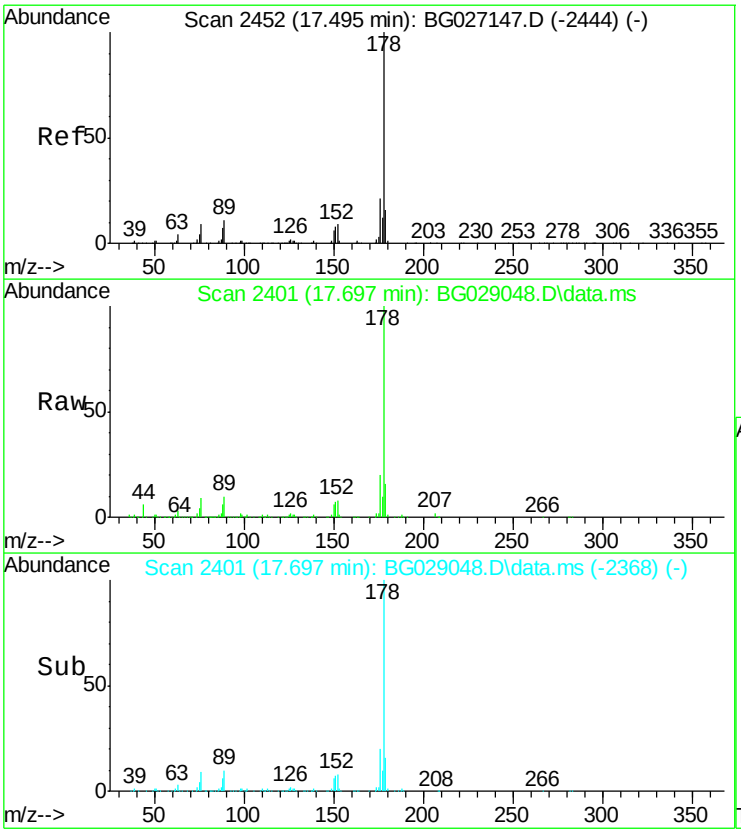
#13
Phenanthrene
Concen: 10.04 ng/ul
RT: 17.609 min Scan# 23
Delta R.T. 0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 285163

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.2	15.1	22.7

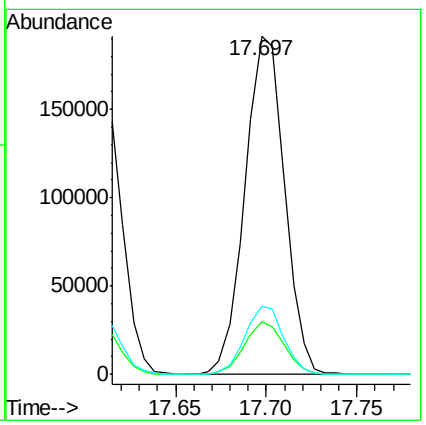


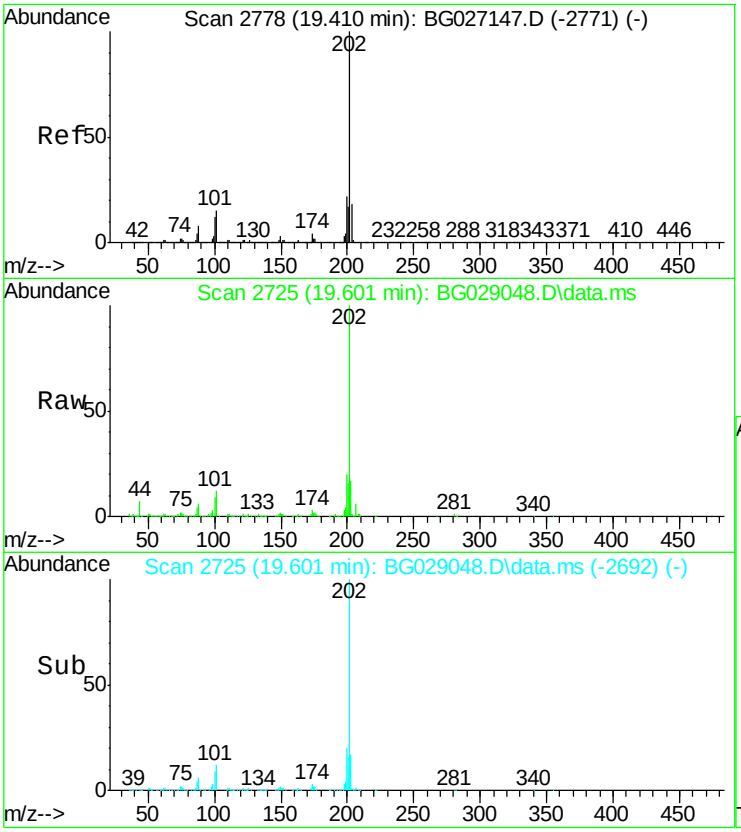


#15
Anthracene
Concen: 9.92 ng/ul
RT: 17.697 min Scan# 2401
Delta R.T. -0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Tgt Ion:178 Resp: 289378

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	20.2	15.2	22.8



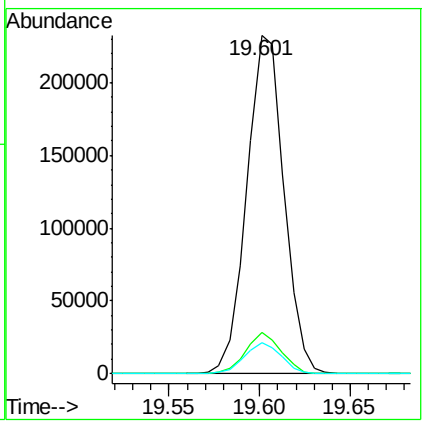


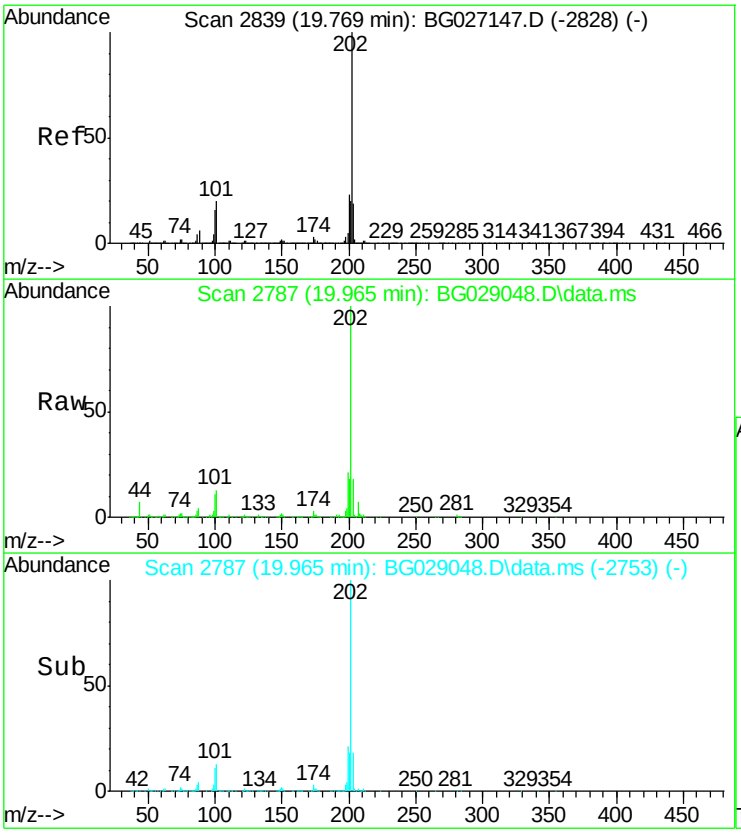
#16
Fluoranthene
Concen: 11.38 ng/ul
RT: 19.601 min Scan# 27
Delta R.T. -0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 330333

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.9	14.9
100	9.0	7.4	11.0

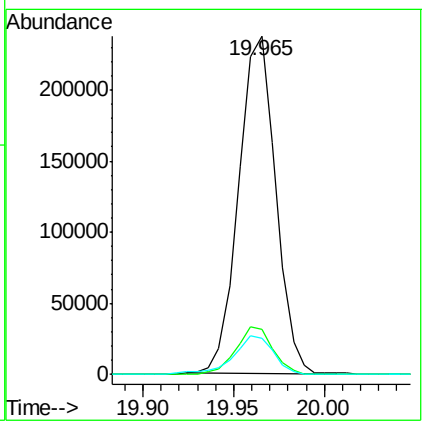


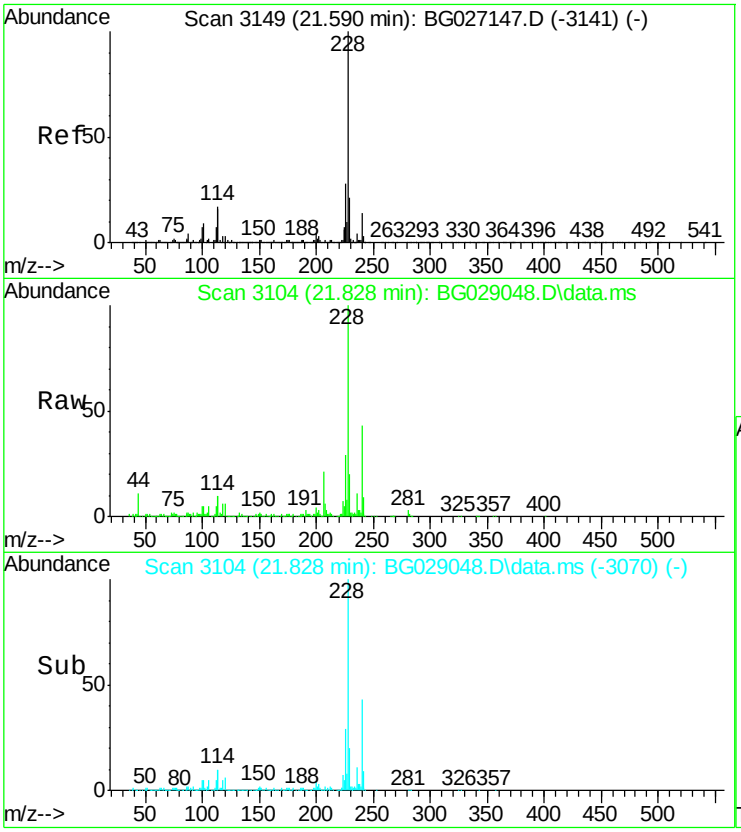


#19
Pyrene
Concen: 9.60 ng/ul
RT: 19.965 min Scan# 2787
Delta R.T. 0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Tgt Ion:202 Resp: 337399

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.0	16.4
100	10.5	8.1	12.1



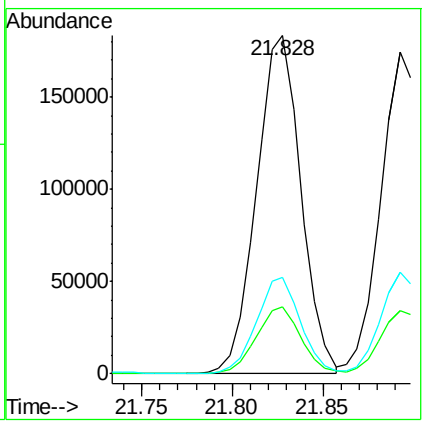


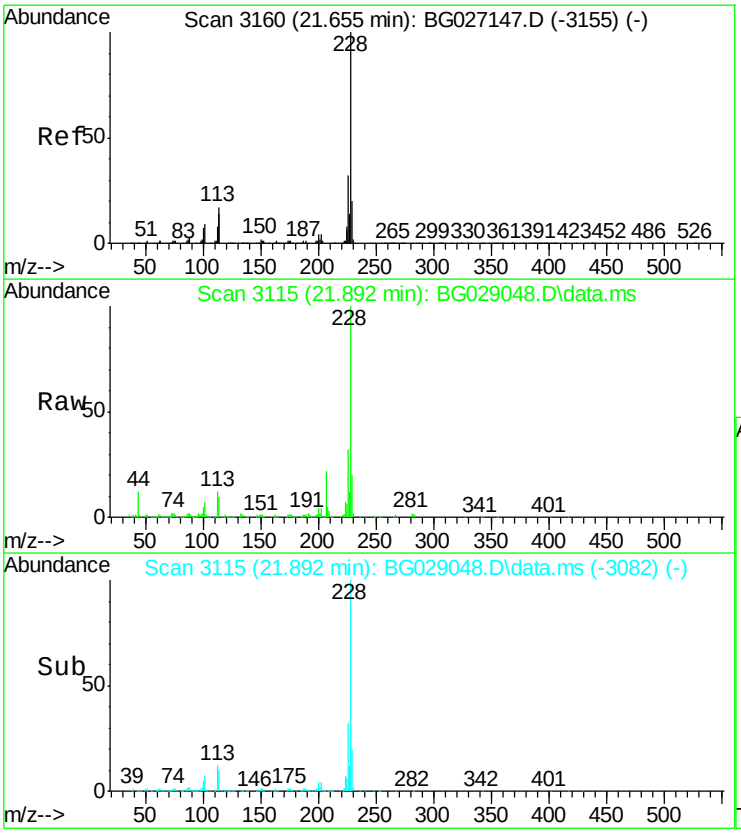
#20
Benzo(a)anthracene
Concen: 9.60 ng/ul
RT: 21.828 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 310999

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	28.6	21.1	31.7

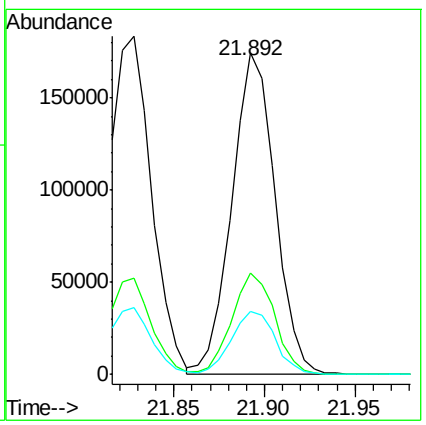


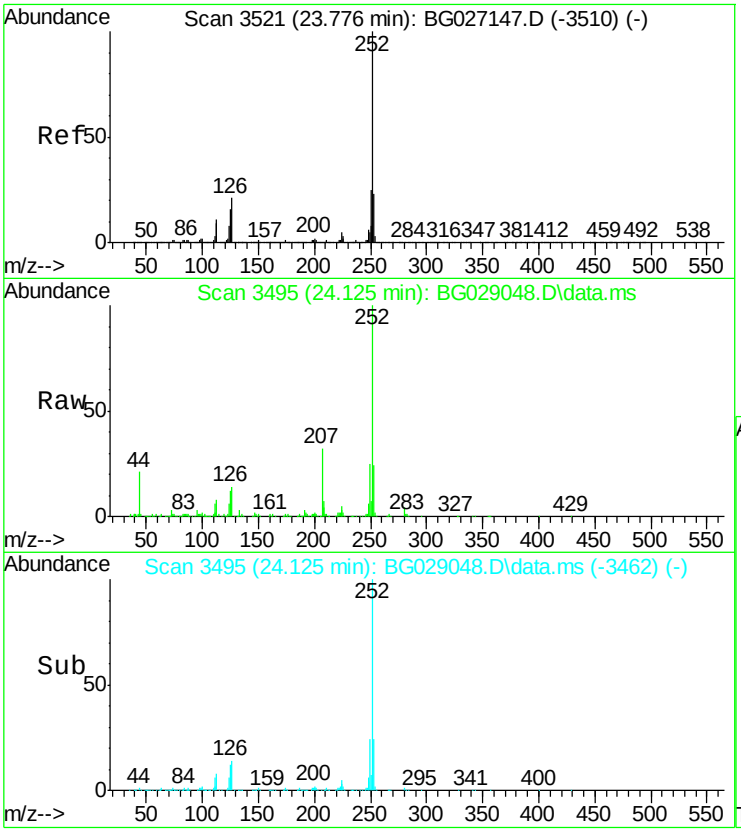


#21
Chrysene
Concen: 9.70 ng/ul
RT: 21.892 min Scan# 3115
Delta R.T. -0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Tgt Ion:228 Resp: 288306

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.5	36.7
229	19.6	15.8	23.8



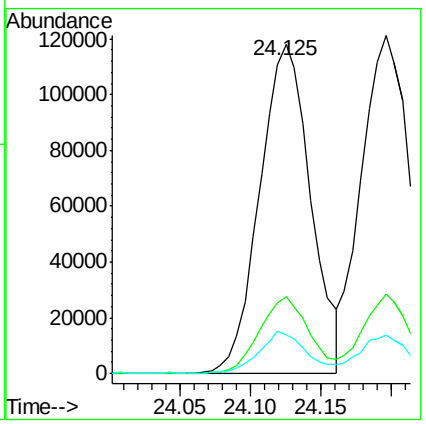


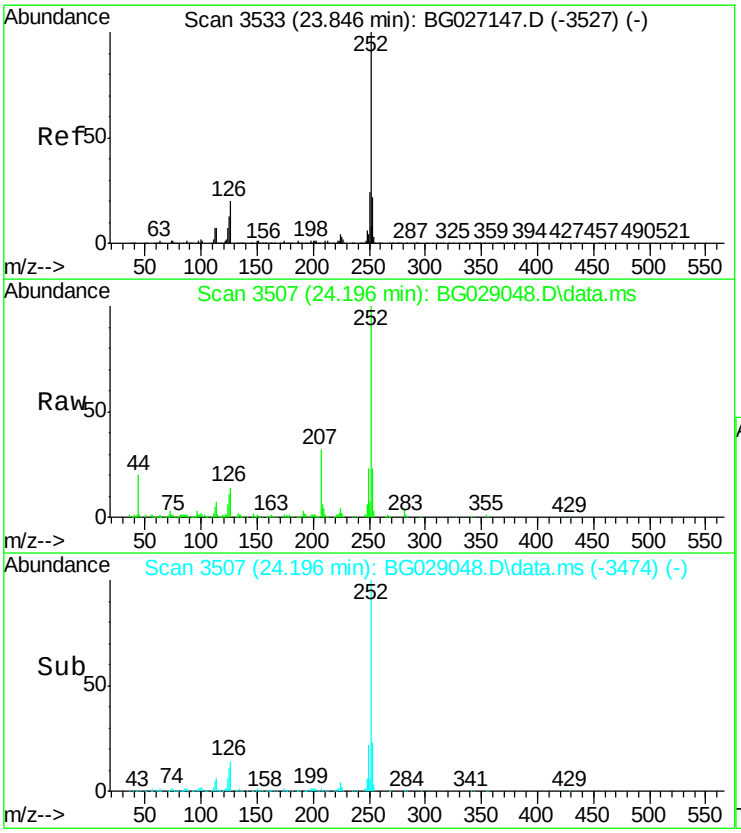
#23
Benzo(b)fluoranthene
Concen: 9.91 ng/ul
RT: 24.125 min Scan# 34
Delta R.T. -0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 297652

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	11.8	8.0	12.0

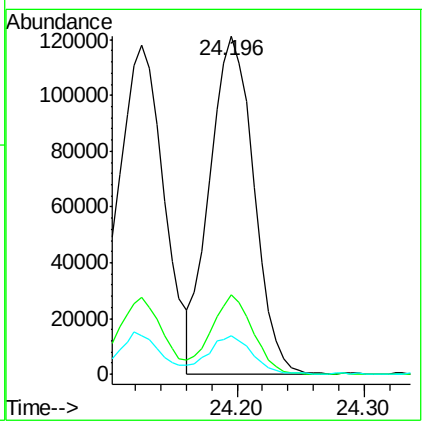


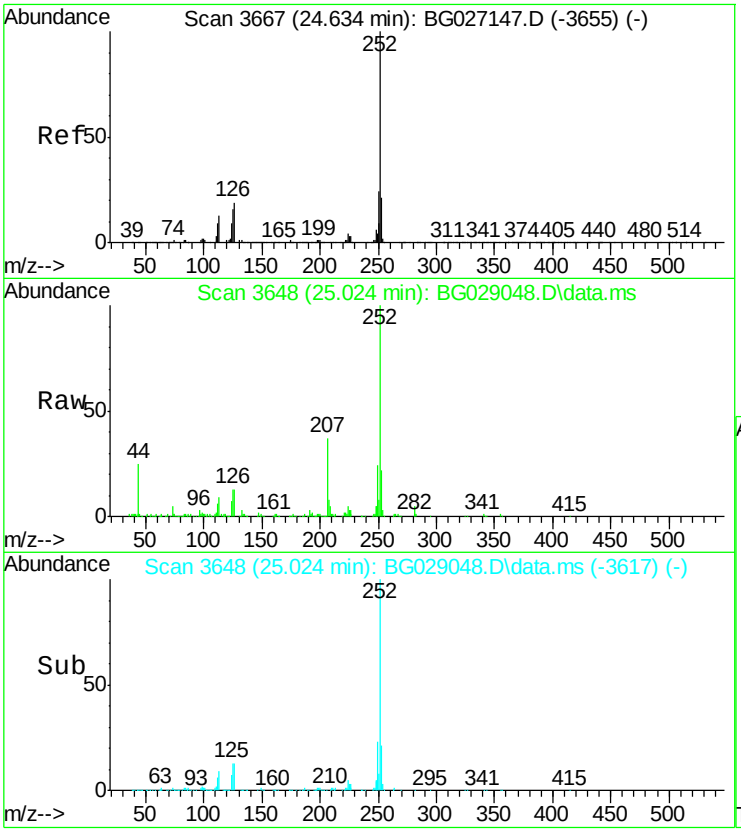


#24
Benzo(k)fluoranthene
Concen: 9.46 ng/ul
RT: 24.196 min Scan# 3507
Delta R.T. -0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Tgt Ion:252 Resp: 292238

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.4	8.1	12.1



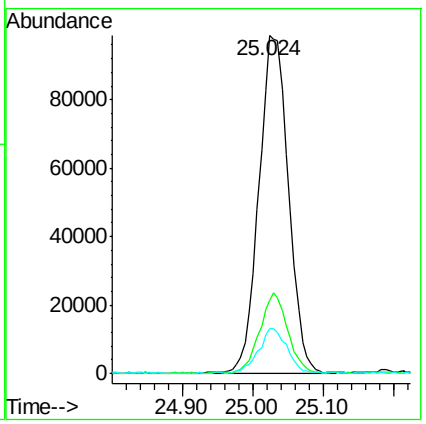


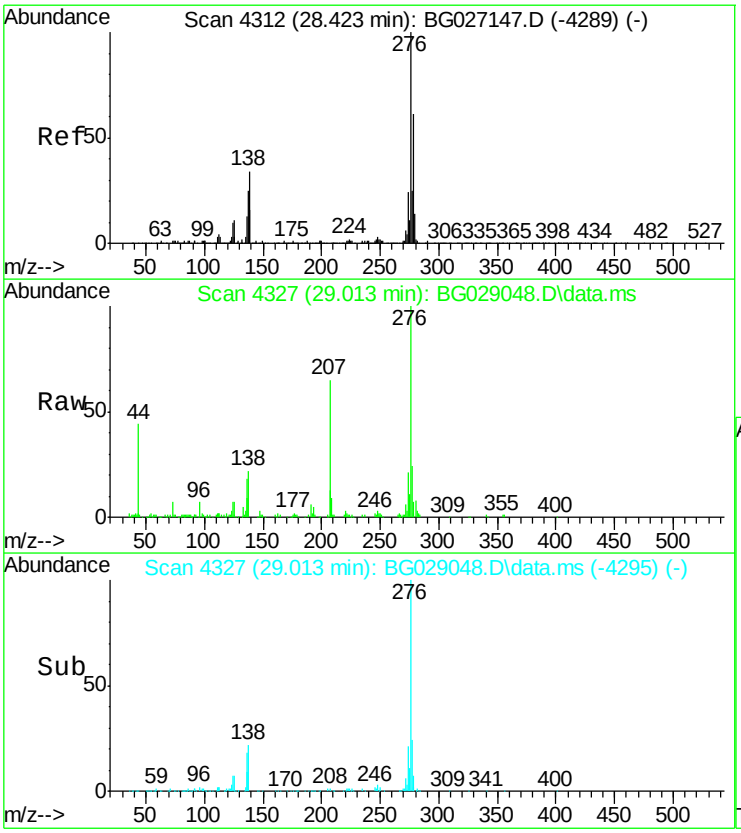
#26
Benzo(a)pyrene
Concen: 9.86 ng/ul
RT: 25.024 min Scan# 36
Delta R.T. -0.015 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 289903

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	13.4	8.2	12.4#

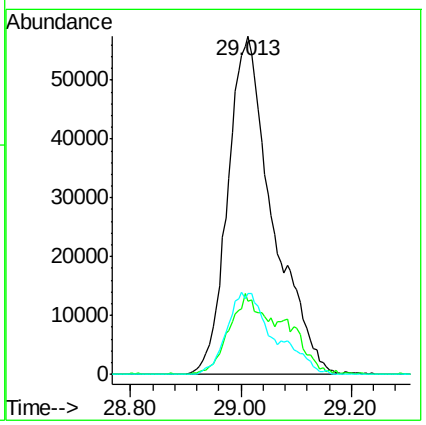


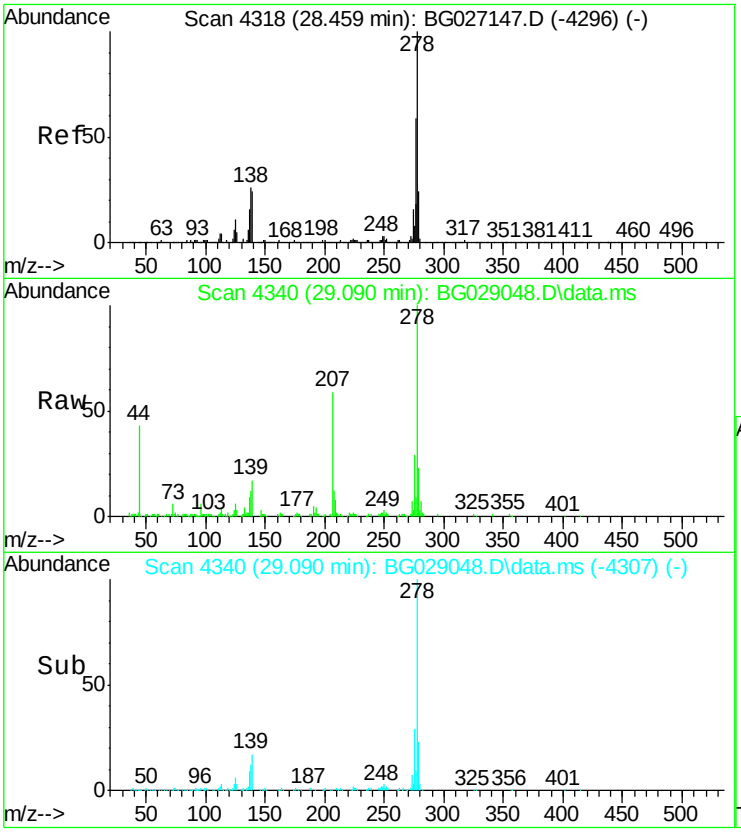


#27
Indeno(1,2,3-cd)pyrene
Concen: 11.96 ng/ul
RT: 29.013 min Scan# 4327
Delta R.T. -0.009 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Tgt Ion:276 Resp: 323361

Ion	Ratio	Lower	Upper
276	100		
138	21.6	14.4	21.6
277	24.1	18.0	27.0



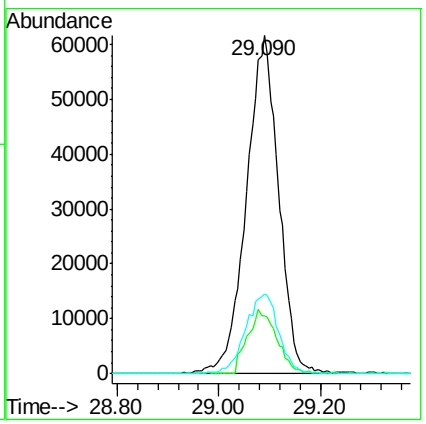


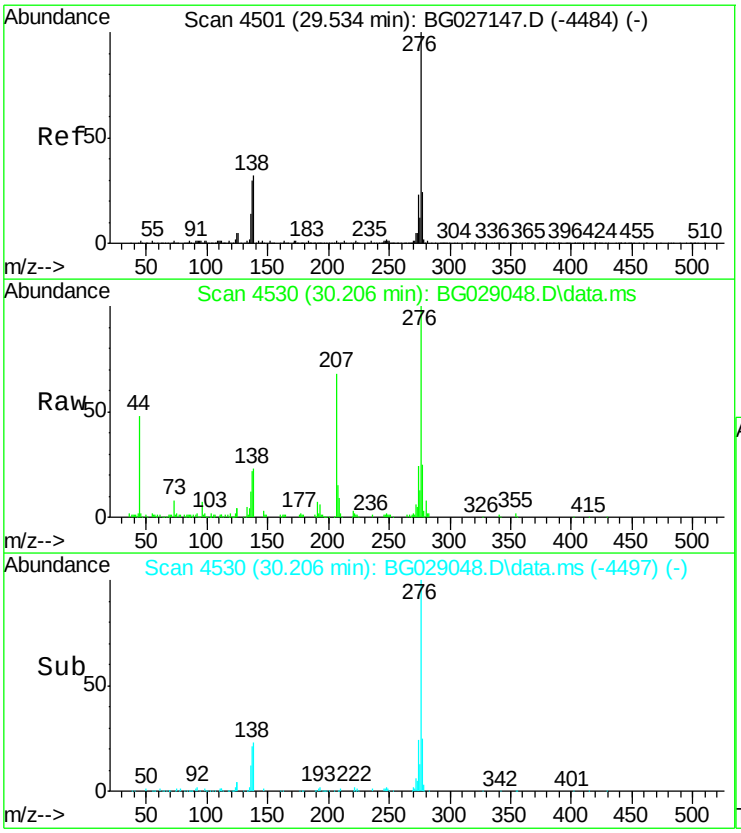
#28
Dibenzo(a,h)anthracene
Concen: 11.60 ng/ul
RT: 29.090 min Scan# 43
Delta R.T. -0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 270676

Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.2	18.4
279	23.4	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 12.37 ng/ul
RT: 30.206 min Scan# 4530
Delta R.T. -0.003 min
Lab File: BG029048.D
Acq: 7 Oct 2017 14:42

Tgt Ion:276 Resp: 266043

Ion	Ratio	Lower	Upper
276	100		
138	22.9	15.3	22.9
277	25.0	19.0	28.4