Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101117\
Data File : BG029162.D
Acq On : 11 Oct 2017 6:42
Operator : SJ/JU
Sample : I5668-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB3G6

Quant Time: Oct 11 08:11:21 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	48631	20.00	ng/ul	0.00
2) Naphthalene-d8	11.04	136	212444	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	140935	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	330105	20.00	ng/ul	0.00
18) Chrysene-d12	21.84	240	349144	20.00	ng/ul	0.00
23) Perylene-d12	25.20	264	355059	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.65	165	12087	2.98	ng/ul	0.00
7) Acenaphthylene-d8	14.53	160	287598	20.35	ng/ul	0.00
10) Fluorene-d10	15.81	176	221300	19.96	ng/ul	0.00
15) Anthracene-d10	17.66	188	317134	19.44	ng/ul	0.00
19) Pyrene-d10	19.94	212	387119	21.10	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	317505	17.88	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	11.08	128	29887	2.676	ng/ul	97
5) 2-Methylnaphthalene	12.67	142	14739	1.725	ng/ul	97
9) Acenaphthene	14.90	153	17192	1.809	ng/ul	95
11) Fluorene	15.87	166	18230	1.665	ng/ul	94
14) Phenanthrene	17.61	178	334652	18.715	ng/ul	99
16) Anthracene	17.70	178	67116	3.662	ng/ul	98
17) Fluoranthene	19.60	202	594429	28.252	ng/ul	98
20) Pyrene	19.96	202	507368	23.968	ng/ul	99
21) Benzo(a)anthracene	21.83	228	290835	13.672	ng/ul	99
22) Chrysene	21.89	228	262854	13.689	ng/ul	97
24) Benzo(b)fluoranthene	24.14	252	354321	16.195	ng/ul#	98
25) Benzo(k)fluoranthene	24.14	252	354321	16.440	ng/ul	97
27) Benzo(a)pyrene	25.04	252	216442	10.137	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	29.03	276	110426	5.426	ng/ul	98
29) Dibenzo(a,h)anthracene	29.06	278	32421	1.795	ng/ul#	96
30) Benzo(g,h,i)perylene	30.22	276	39005	2.749	ng/ul#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101117\
Data File : BG029162.D
Acq On : 11 Oct 2017 6:42
Operator : SJ/JU
Sample : I5668-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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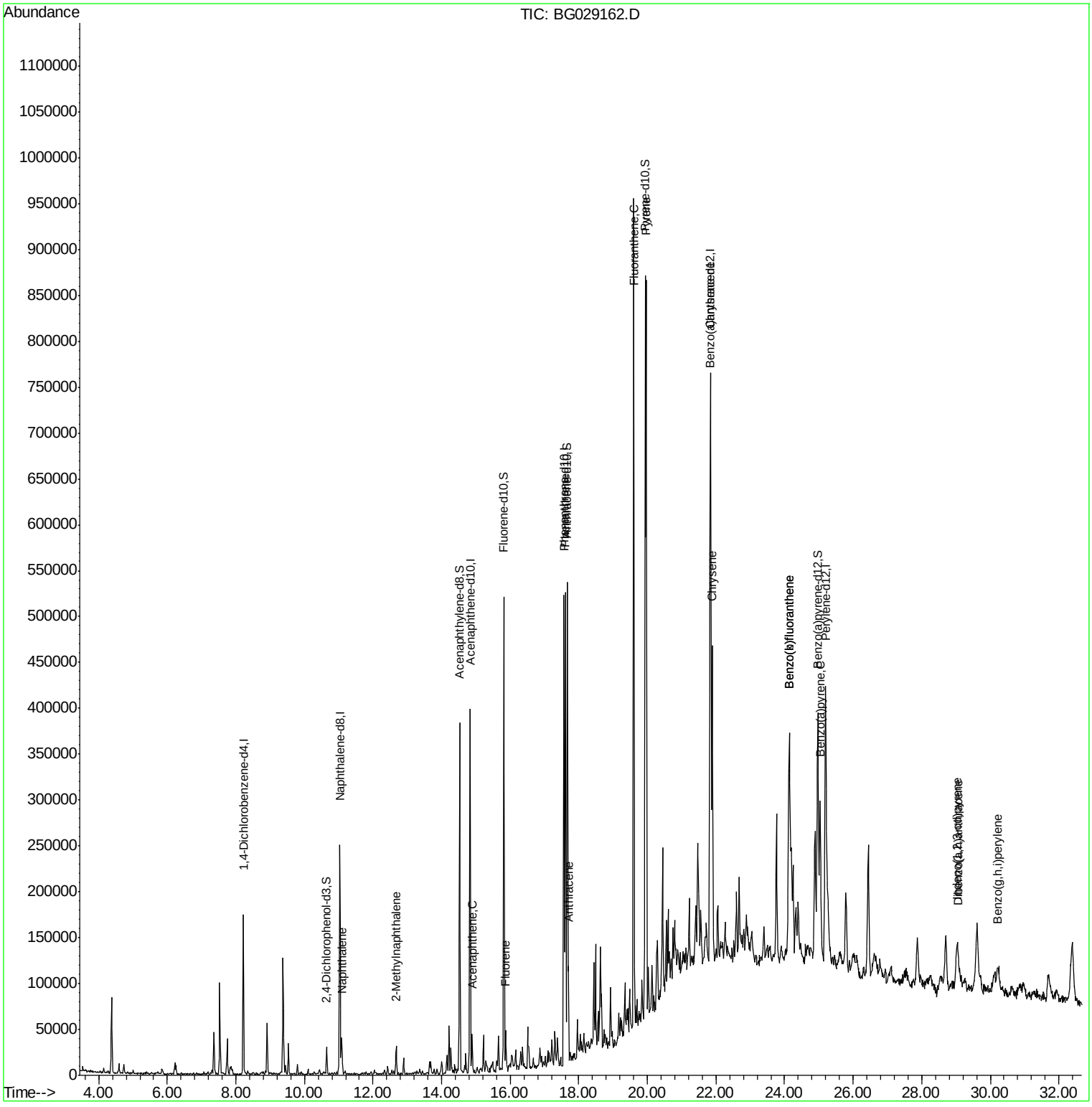
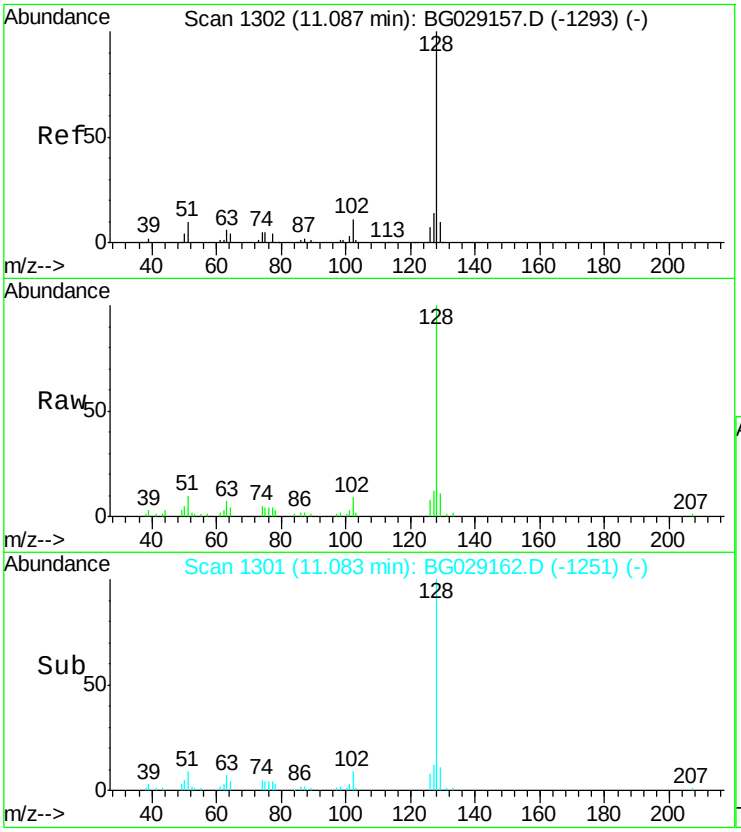
CB3G6

Quant Time: Oct 11 08:11:21 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration



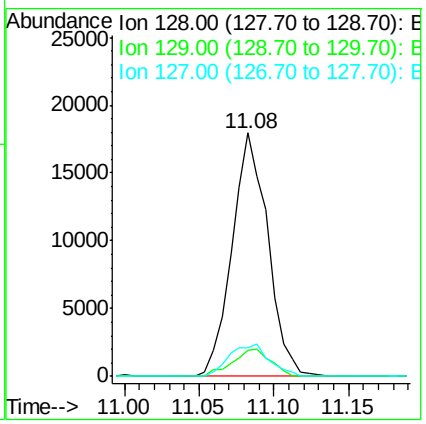


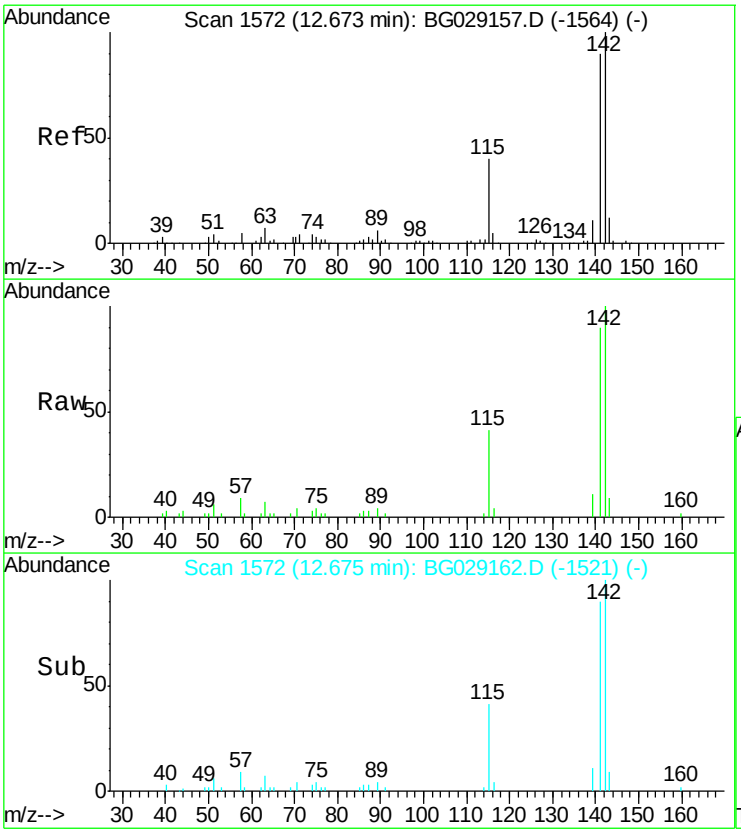
#4
Naphthalene
Concen: 2.676 ng/ul
RT: 11.08 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Instrument :
BNA_G
ClientSampleId :
CB3G6

Tgt Ion:128 Resp: 29887

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	11.6	10.6	15.8

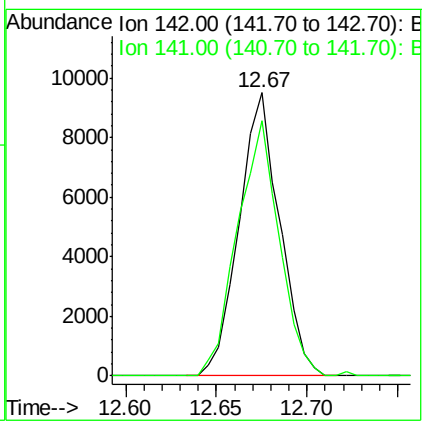


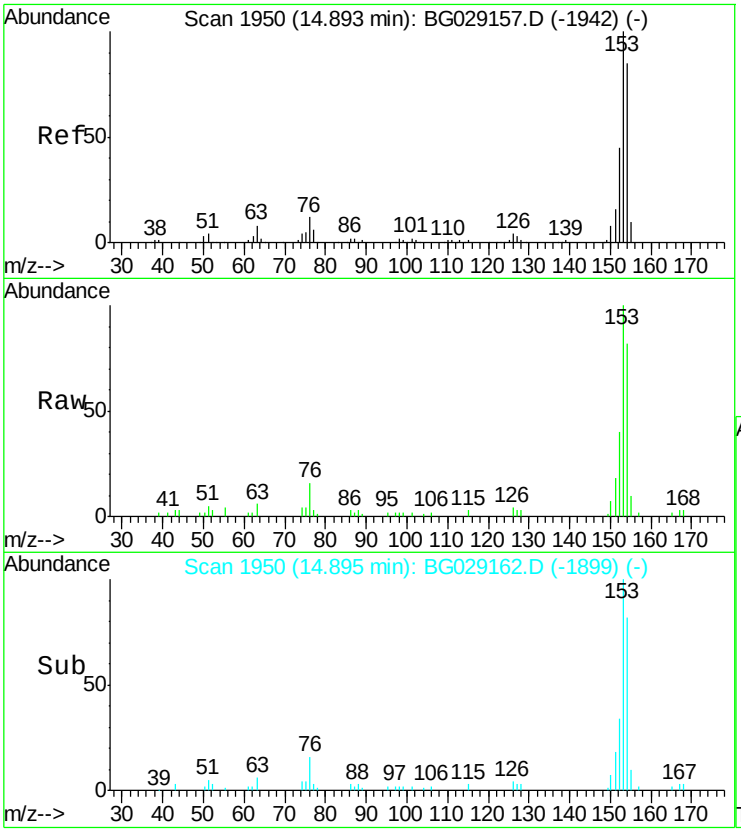


#5
2-Methylnaphthalene
Concen: 1.725 ng/ul
RT: 12.67 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Tgt Ion:142 Resp: 14739

Ion	Ratio	Lower	Upper
142	100		
141	90.2	69.8	104.8



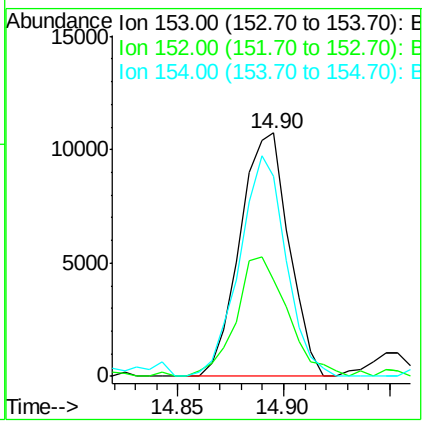


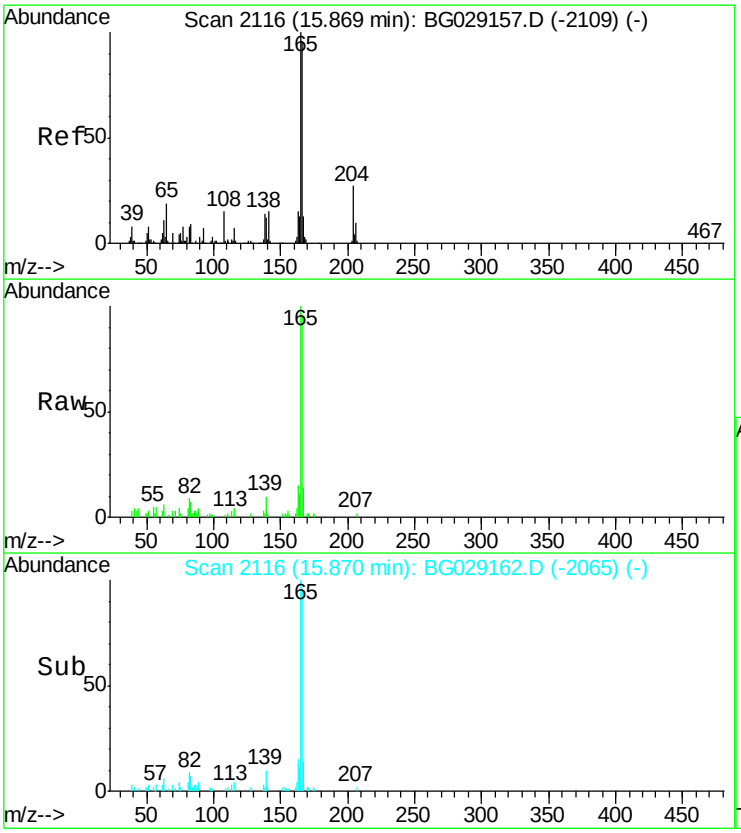
#9
Acenaphthene
Concen: 1.809 ng/ul
RT: 14.90 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Instrument :
BNA_G
ClientSampleId :
CB3G6

Tgt Ion:153 Resp: 17192

Ion	Ratio	Lower	Upper
153	100		
152	39.7	36.2	54.4
154	82.0	68.4	102.6

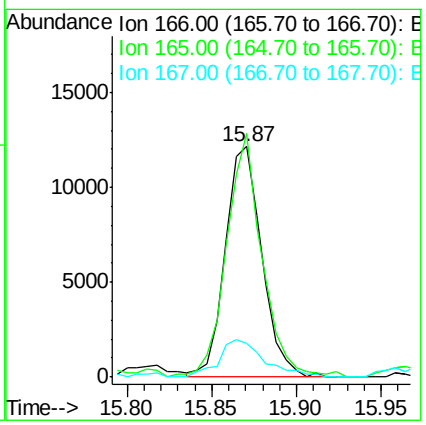


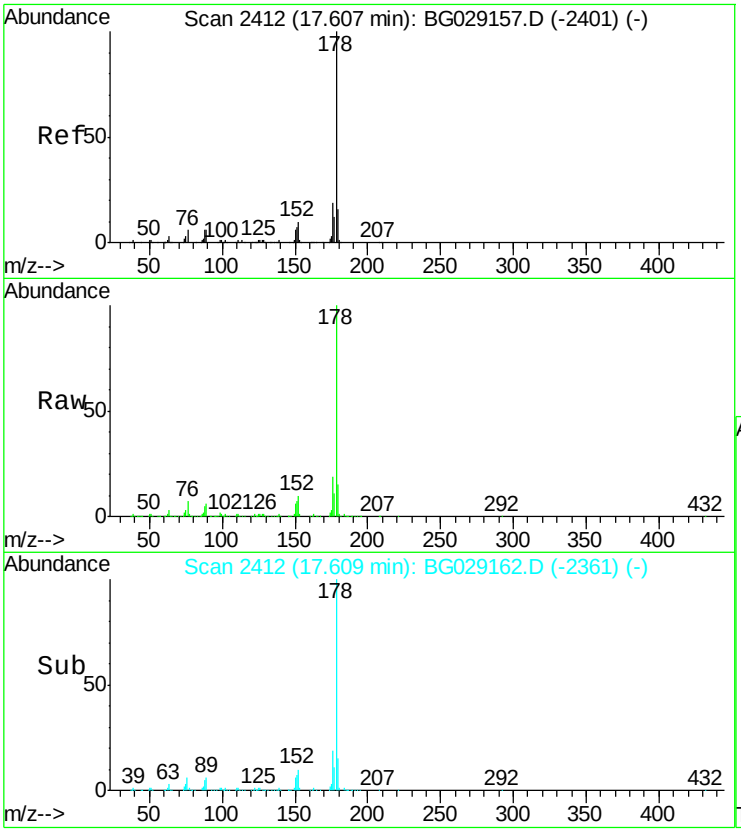


#11
Fluorene
Concen: 1.665 ng/ul
RT: 15.87 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Tgt Ion:166 Resp: 18230

Ion	Ratio	Lower	Upper
166	100		
165	105.7	79.4	119.0
167	14.7	10.2	15.4



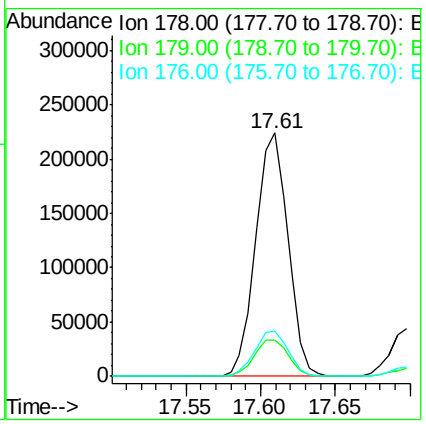


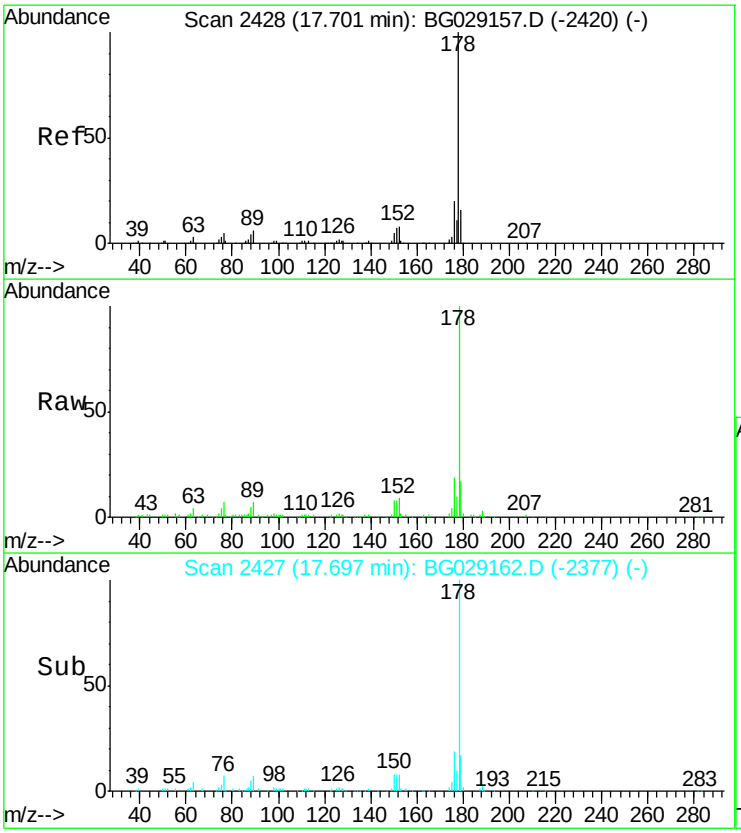
#14
Phenanthrene
Concen: 18.715 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Instrument :
BNA_G
ClientSampleId :
CB3G6

Tgt Ion:178 Resp: 334652

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.2
176	18.8	15.0	22.6

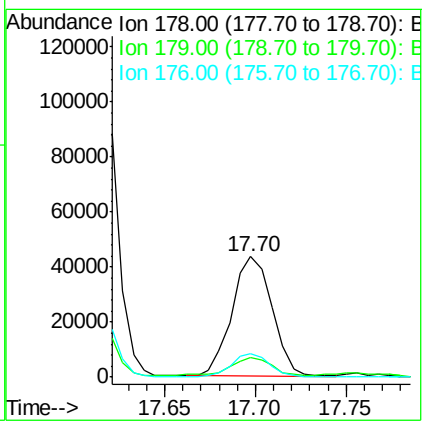


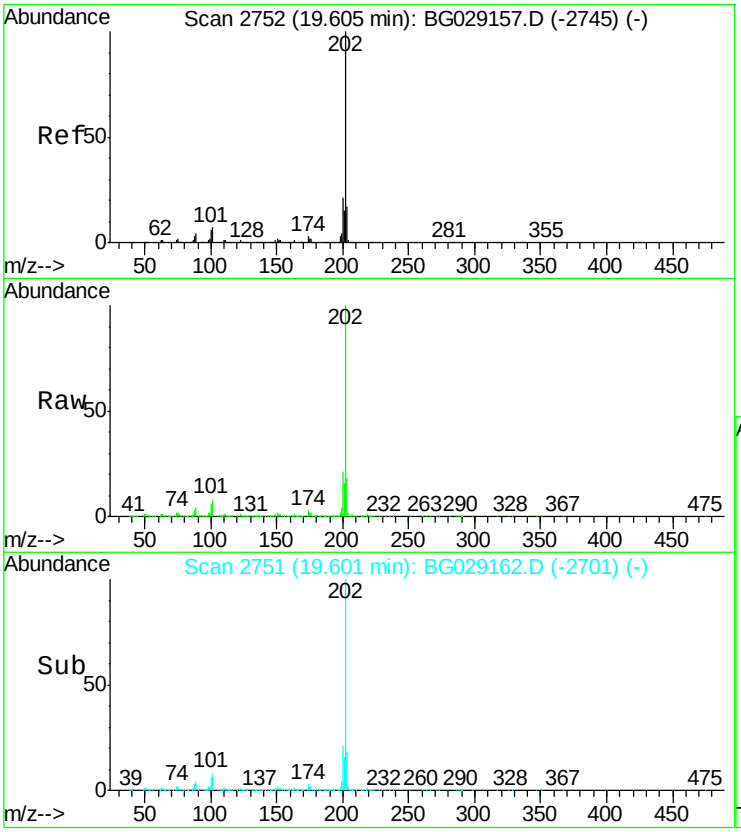


#16
Anthracene
Concen: 3.662 ng/ul
RT: 17.70 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Tgt Ion:178 Resp: 67116

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.5	18.7
176	19.2	15.7	23.5



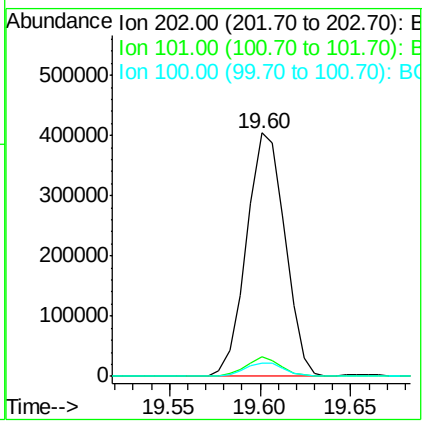


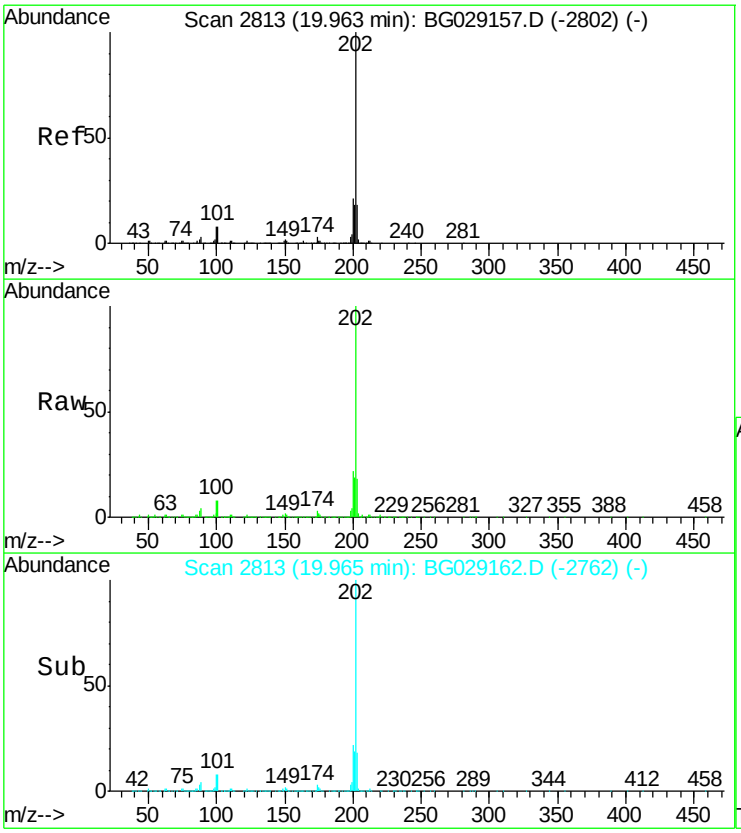
#17
Fluoranthene
Concen: 28.252 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Instrument :
BNA_G
ClientSampleId :
CB3G6

Tgt Ion:202 Resp: 594429

Ion	Ratio	Lower	Upper
202	100		
101	7.9	5.6	8.4
100	5.5	4.7	7.1

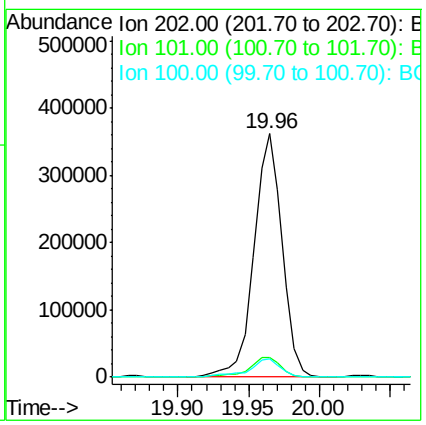


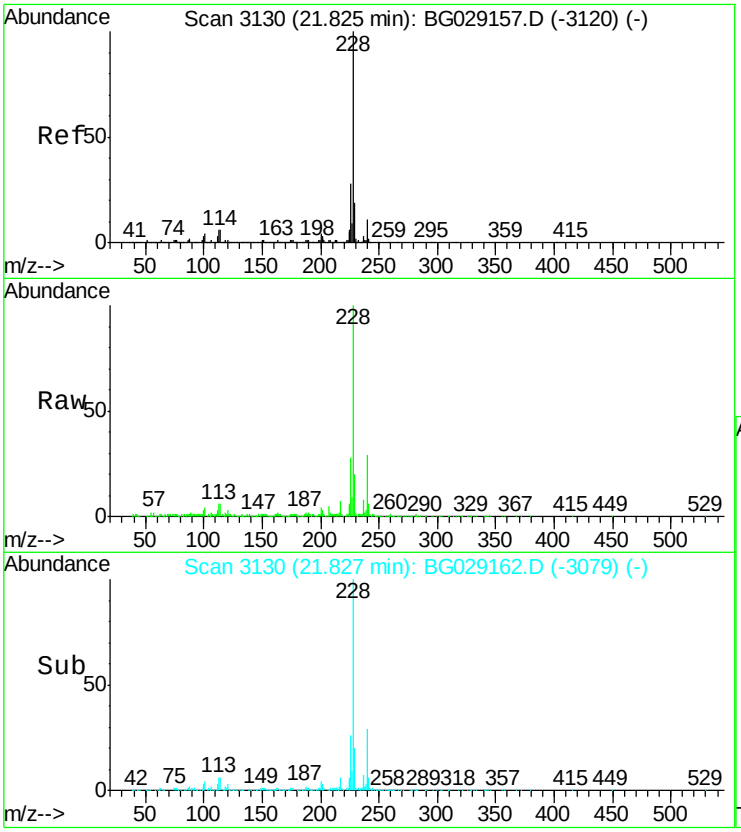


#20
Pyrene
Concen: 23.968 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Tgt Ion:202 Resp: 507368

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.5	9.7
100	7.6	5.5	8.3



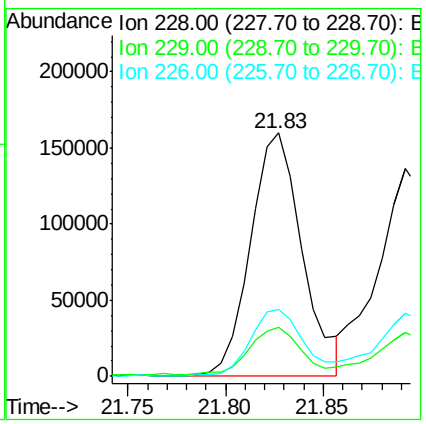


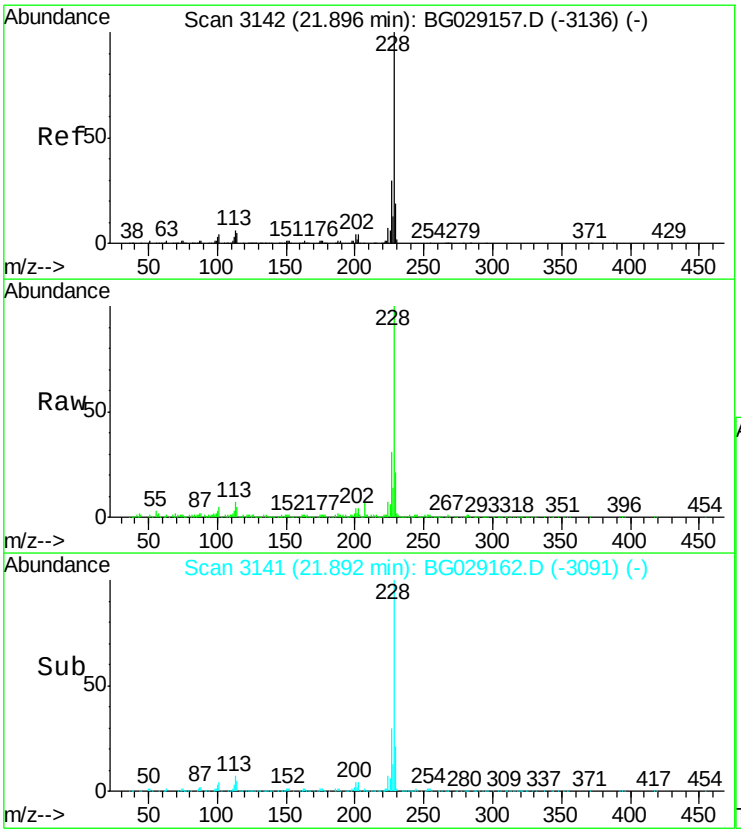
#21
Benzo(a)anthracene
Concen: 13.672 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Instrument :
BNA_G
ClientSampleId :
CB3G6

Tgt Ion:228 Resp: 290835

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.8
226	27.6	21.6	32.4

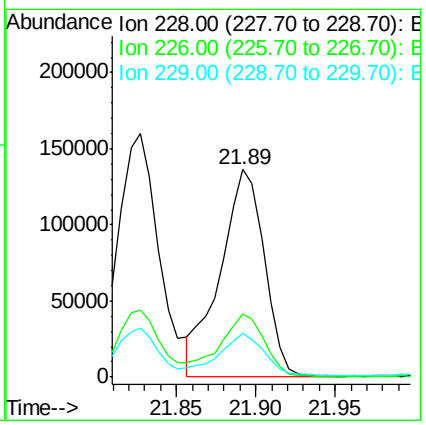


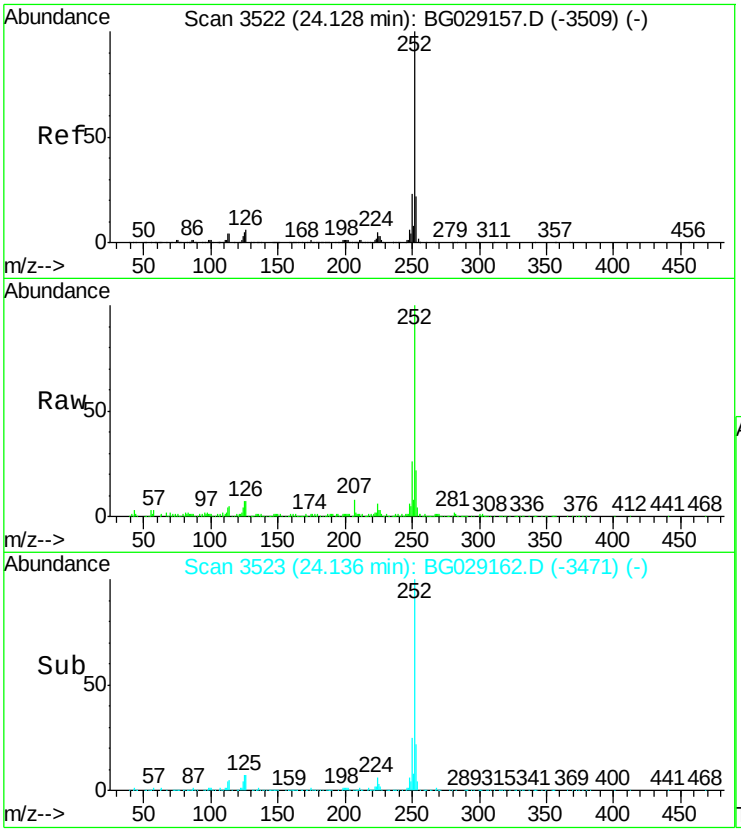


#22
Chrysene
Concen: 13.689 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Tgt Ion:228 Resp: 262854

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	21.2	15.7	23.5



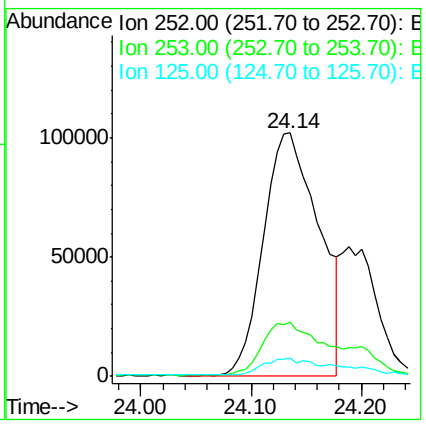


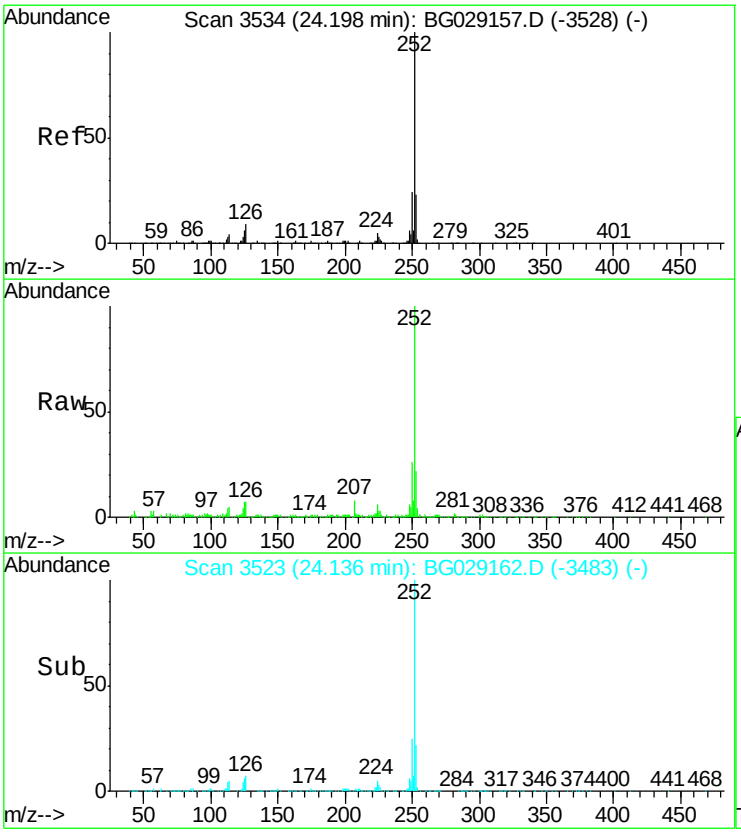
#24
Benzo(b)fluoranthene
Concen: 16.195 ng/ul
RT: 24.14 min Scan# 3523
Delta R.T. 0.01 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Instrument :
BNA_G
ClientSampleId :
CB3G6

Tgt Ion:252 Resp: 354321

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	7.3	4.5	6.7#

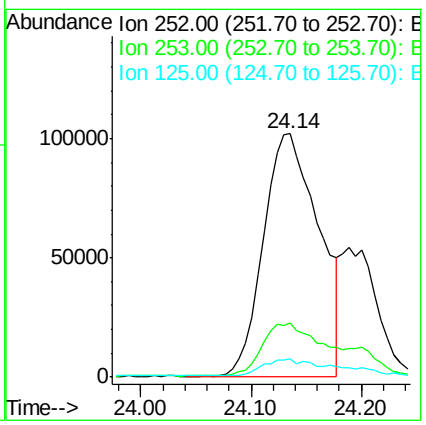


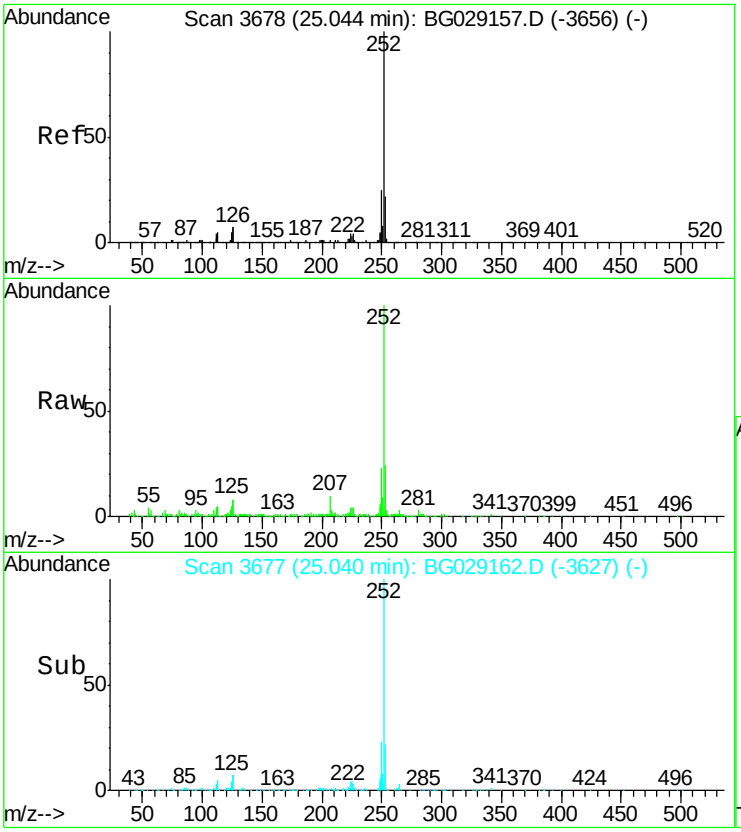


#25
Benzo(k)fluoranthene
Concen: 16.440 ng/ul
RT: 24.14 min Scan# 3523
Delta R.T. -0.06 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Tgt Ion:252 Resp: 354321

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.8	25.2
125	7.3	5.1	7.7



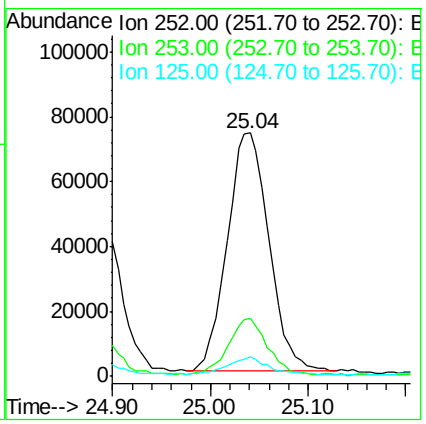


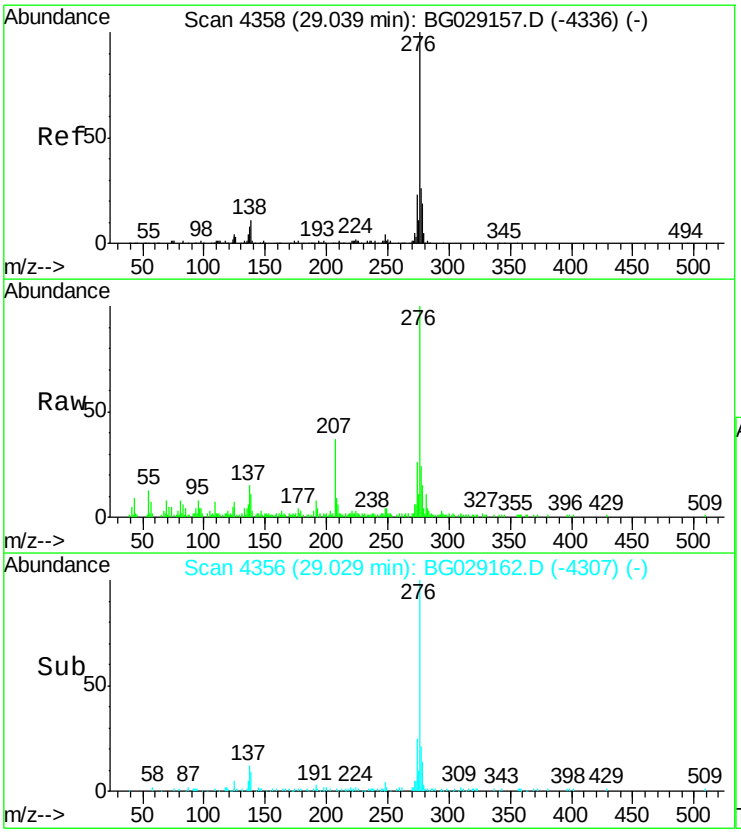
#27
Benzo(a)pyrene
Concen: 10.137 ng/ul
RT: 25.04 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Instrument :
BNA_G
ClientSampleId :
CB3G6

Tgt Ion:252 Resp: 216442

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	8.1	5.4	8.2

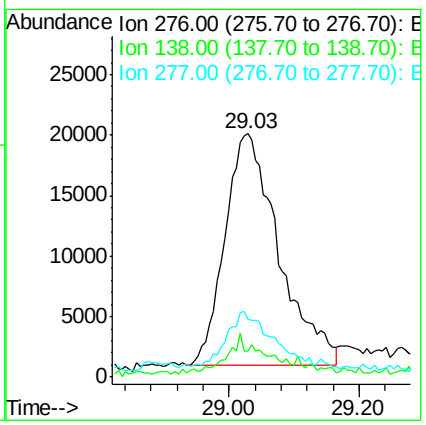


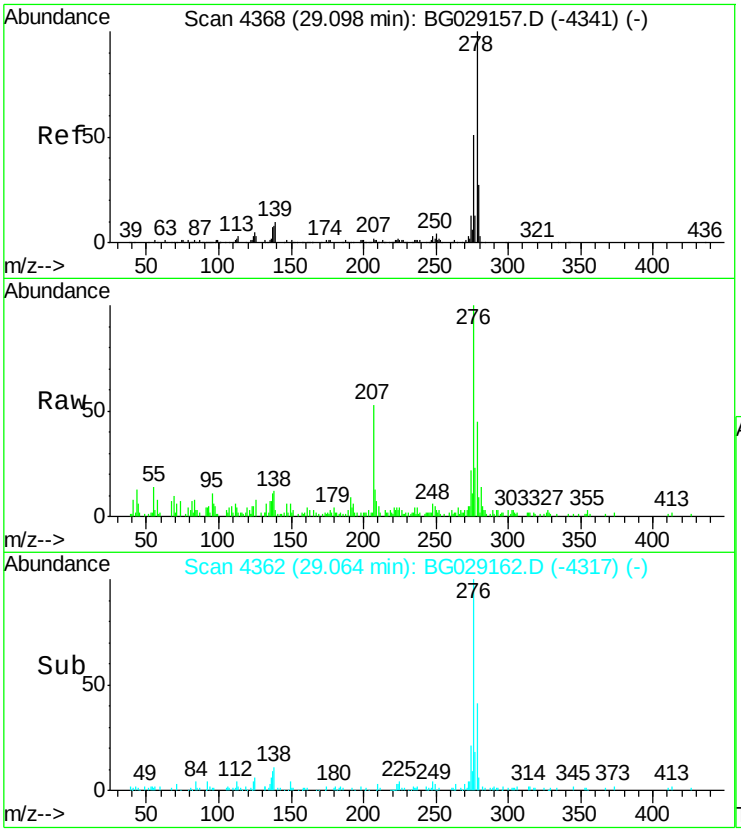


#28
Indeno(1,2,3-cd)pyrene
Concen: 5.426 ng/ul
RT: 29.03 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Tgt Ion:276 Resp: 110426

Ion	Ratio	Lower	Upper
276	100		
138	10.9	9.5	14.3
277	23.8	18.1	27.1



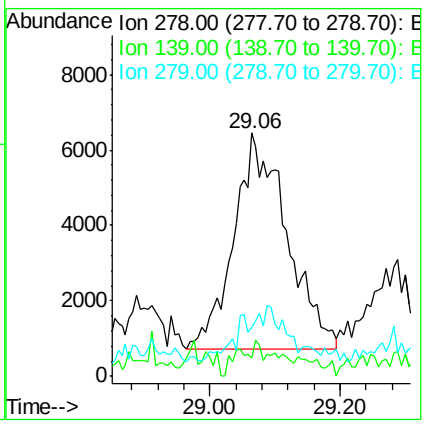


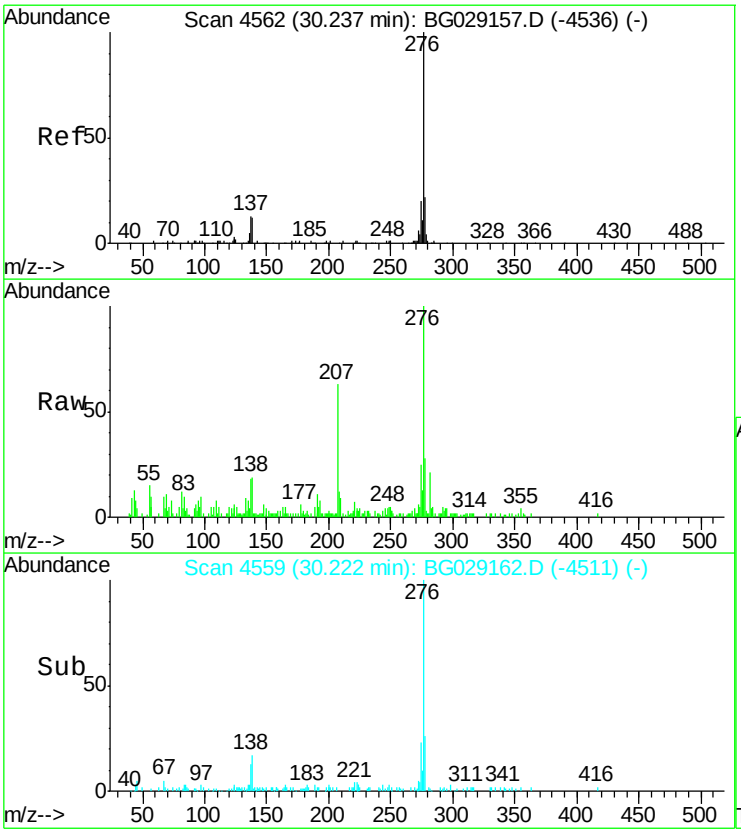
#29
Dibenzo(a,h)anthracene
Concen: 1.795 ng/ul
RT: 29.06 min Scan# 4362
Delta R.T. -0.03 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Instrument :
BNA_G
ClientSampleId :
CB3G6

Tgt Ion:278 Resp: 32421

Ion	Ratio	Lower	Upper
278	100		
139	7.7	8.3	12.5#
279	20.4	17.1	25.7





#30
Benzo(g,h,i)perylene
Concen: 2.749 ng/ul
RT: 30.22 min Scan# 4559
Delta R.T. -0.02 min
Lab File: BG029162.D
Acq: 11 Oct 2017 6:42

Tgt Ion:276 Resp: 39005

Ion	Ratio	Lower	Upper
276	100		
138	19.2	9.3	13.9#
277	27.5	17.9	26.9#