Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
Data File : BG029188.D
Acq On : 12 Oct 2017 6:03
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 12 08:55:48 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	8.21	152	44983	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	263050	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	136736	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	320576	20.00	ng/ul	0.00
18) Chrysene-d12	21.84	240	352250	20.00	ng/ul	0.00
23) Perylene-d12	25.19	264	349573	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.65	165	79095	15.73	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	292560	21.34	ng/ul	0.00
10) Fluorene-d10	15.81	176	231990	21.57	ng/ul	0.00
15) Anthracene-d10	17.66	188	348016	21.96	ng/ul	0.00
19) Pyrene-d10	19.93	212	413180	22.32	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	384174	21.97	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	11.08	128	299013	21.63	ng/ul	99
5) 2-Methylnaphthalene	12.67	142	235457	22.26	ng/ul	99
8) Acenaphthylene	14.55	152	277500	21.21	ng/ul	99
9) Acenaphthene	14.89	153	199526	21.64	ng/ul	99
11) Fluorene	15.87	166	227752	21.43	ng/ul	98
13) Pentachlorophenol	17.21	266	54918	20.61	ng/ul	99
14) Phenanthrene	17.61	178	375545	21.63	ng/ul	98
16) Anthracene	17.70	178	389012	21.85	ng/ul	99
17) Fluoranthene	19.60	202	471851	23.09	ng/ul	98
20) Pyrene	19.96	202	472907	22.14	ng/ul	100
21) Benzo(a)anthracene	21.82	228	478459	22.29	ng/ul	99
22) Chrysene	21.89	228	436895	22.55	ng/ul	99
24) Benzo(b)fluoranthene	24.12	252	474611	22.03	ng/ul	99
25) Benzo(k)fluoranthene	24.19	252	474335	22.35	ng/ul	98
27) Benzo(a)pyrene	25.03	252	462627	22.01	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	29.03	276	416907	20.81	ng/ul	99
29) Dibenzo(a,h)anthracene	29.09	278	368259	20.71	ng/ul	94
30) Benzo(g,h,i)perylene	30.21	276	129088	9.24	ng/ul	97

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
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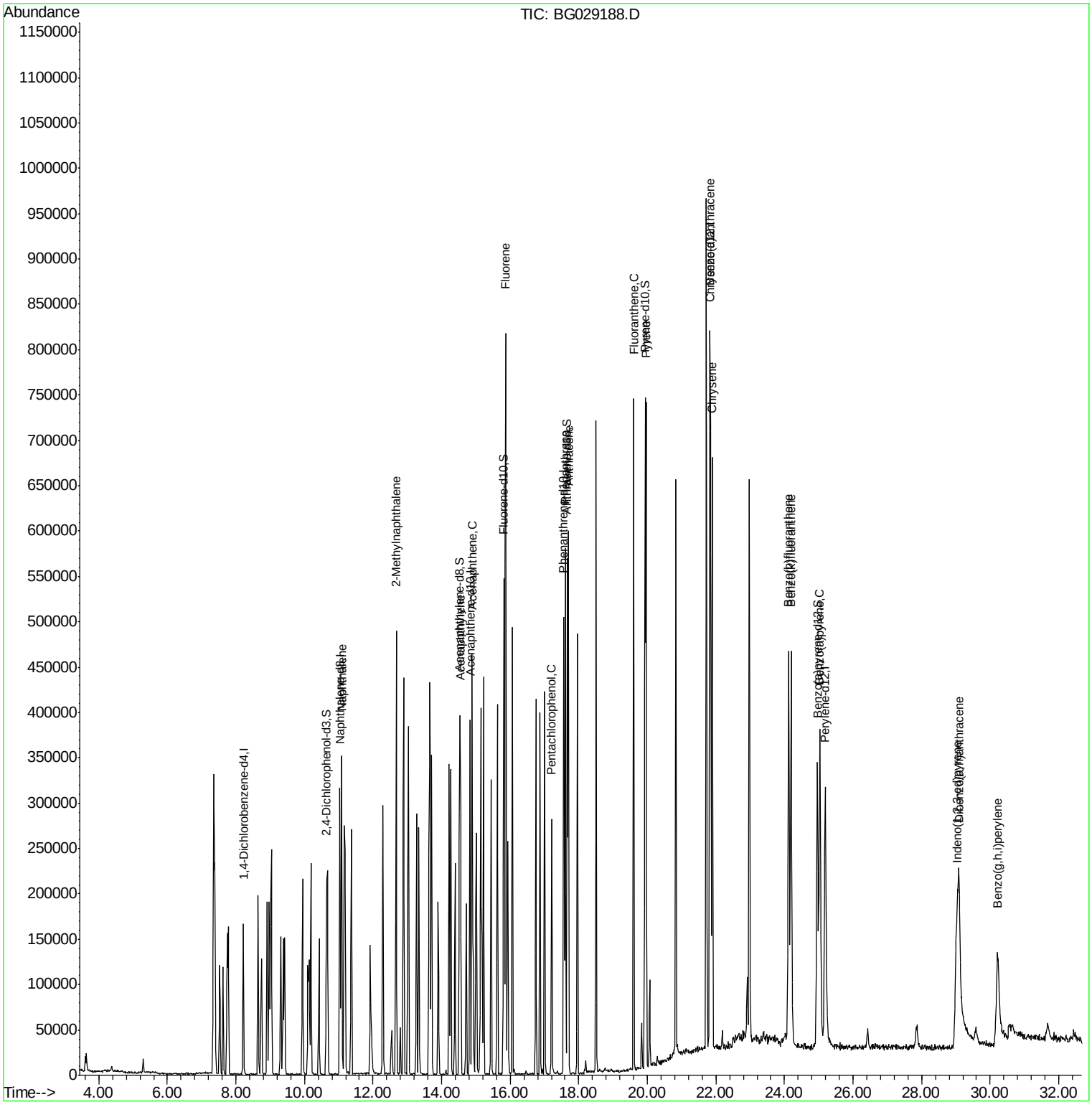
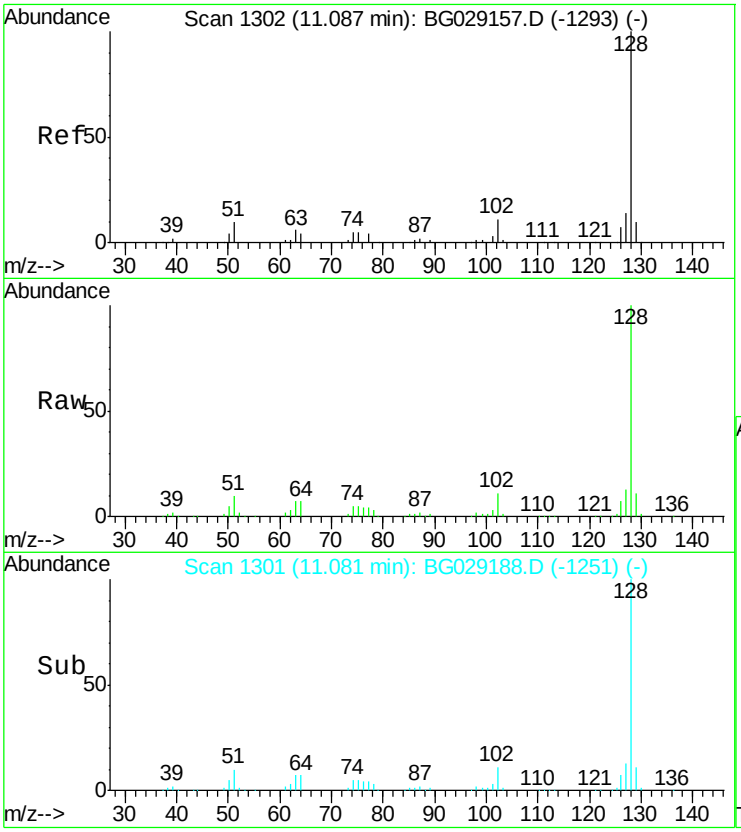


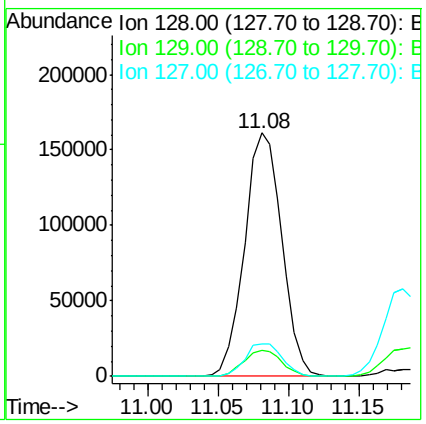


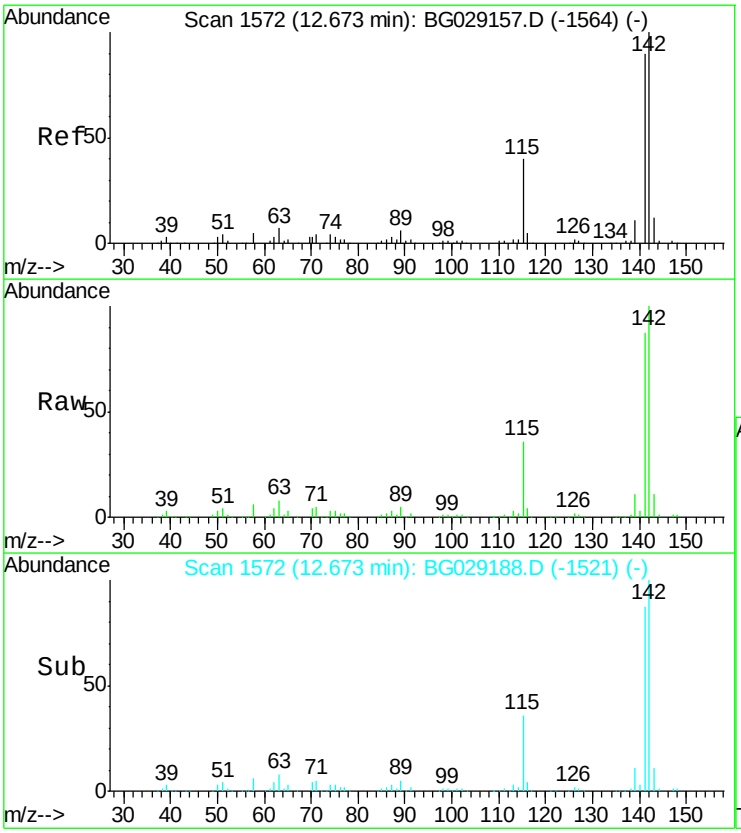
#4
Naphthalene
Concen: 21.63 ng/ul
RT: 11.08 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 299013

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.4
127	13.1	10.6	15.8

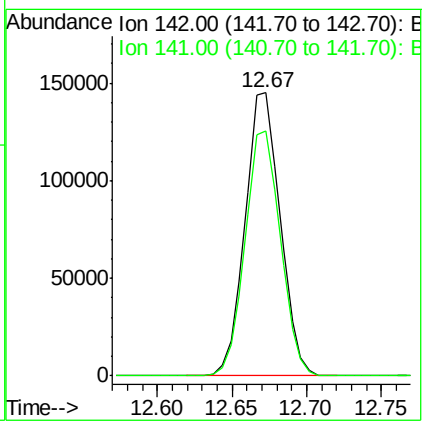


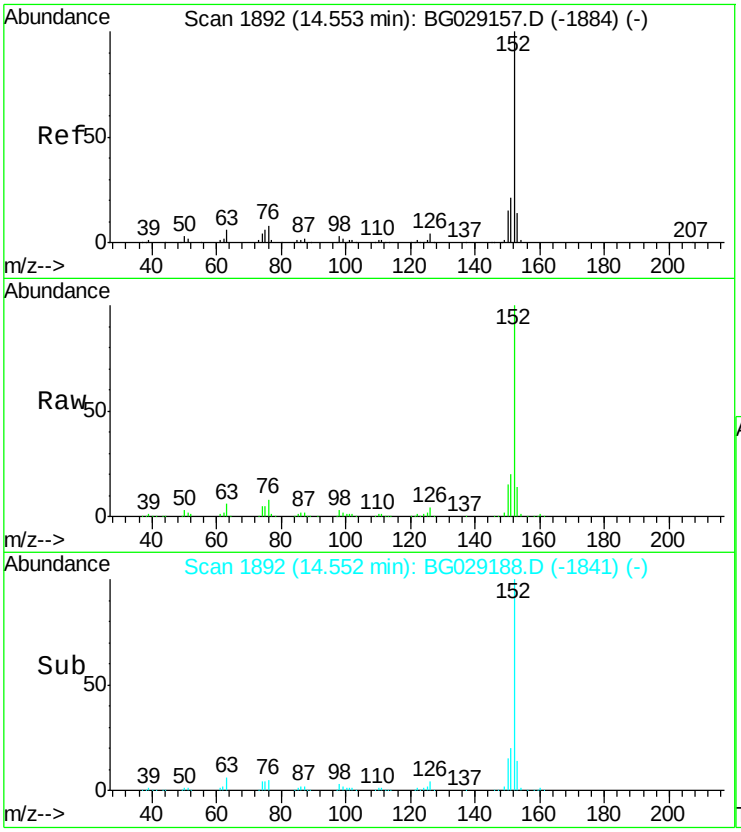


#5
2-Methylnaphthalene
Concen: 22.26 ng/ul
RT: 12.67 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Tgt Ion:142 Resp: 235457

Ion	Ratio	Lower	Upper
142	100		
141	86.5	69.8	104.8



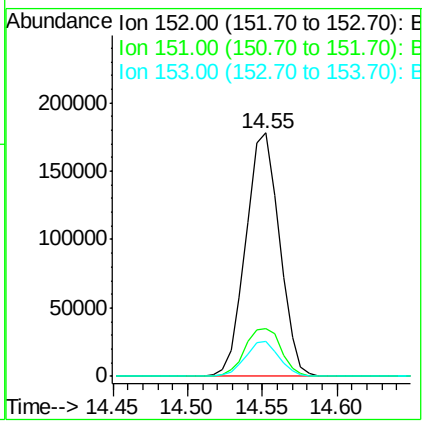


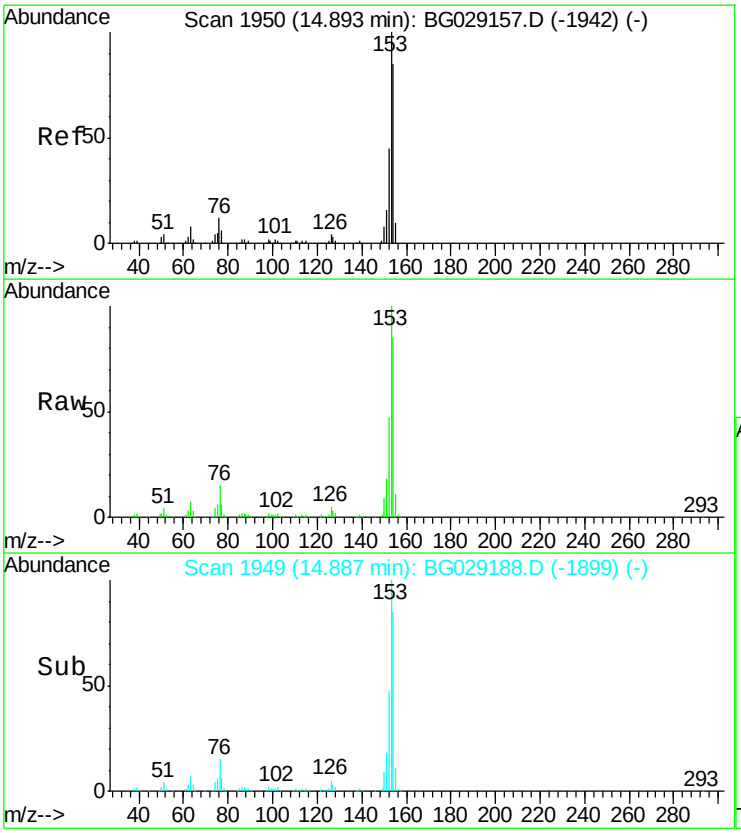
#8
Acenaphthylene
Concen: 21.21 ng/ul
RT: 14.55 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 277500

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.5	24.7
153	14.2	11.3	16.9

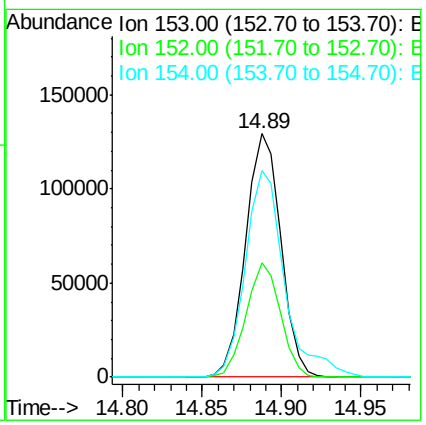


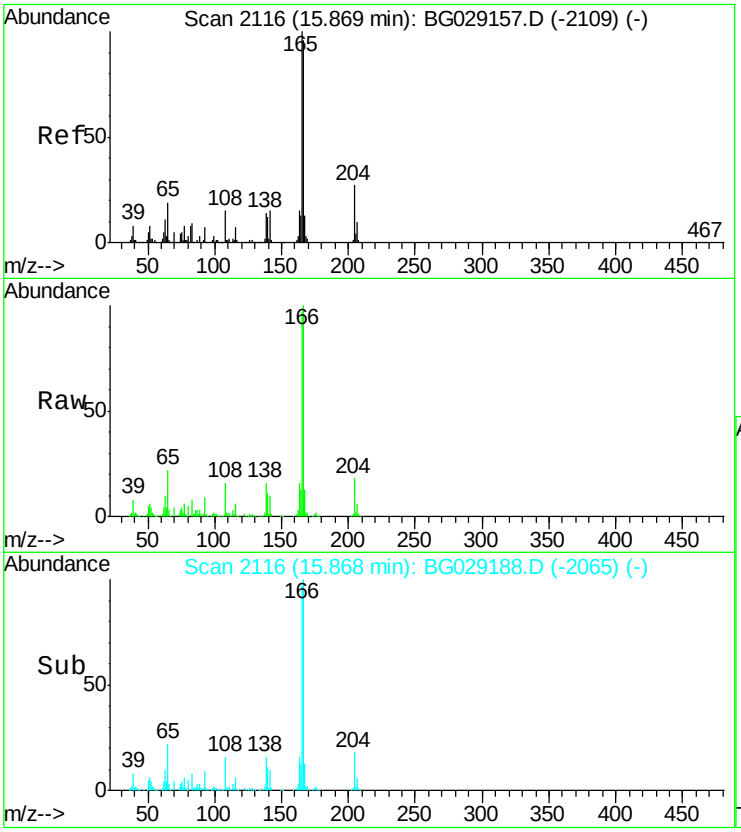


#9
Acenaphthene
Concen: 21.64 ng/ul
RT: 14.89 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Tgt Ion:153 Resp: 199526

Ion	Ratio	Lower	Upper
153	100		
152	46.7	36.2	54.4
154	84.6	68.4	102.6



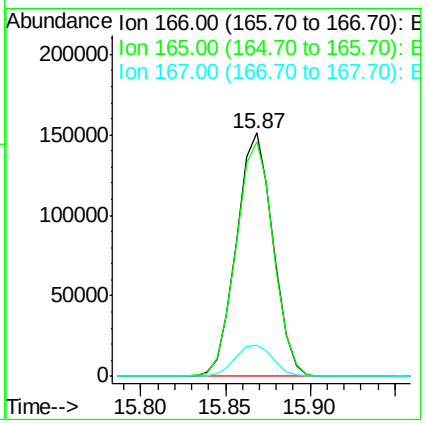


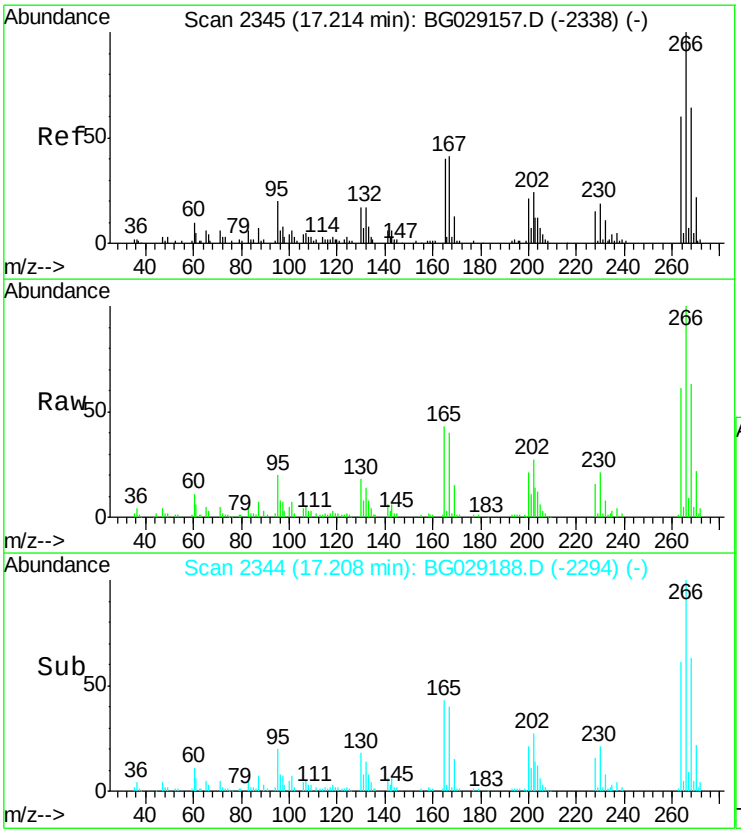
#11
Fluorene
Concen: 21.43 ng/ul
RT: 15.87 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 227752

Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.4	119.0
167	12.9	10.2	15.4

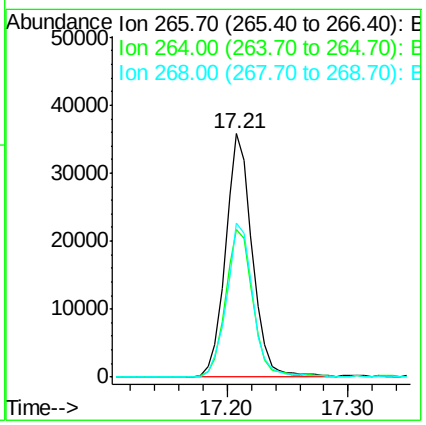


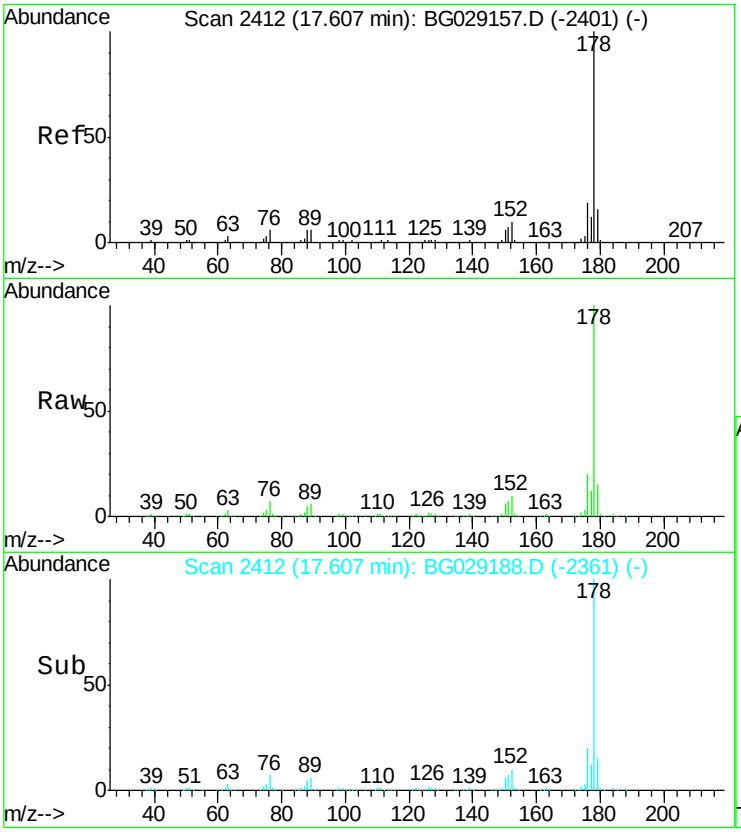


#13
Pentachlorophenol
Concen: 20.61 ng/ul
RT: 17.21 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Tgt Ion:266 Resp: 54918

Ion	Ratio	Lower	Upper
266	100		
264	60.8	49.8	74.8
268	63.2	50.0	75.0



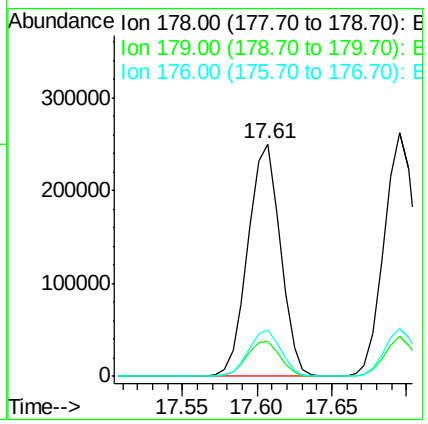


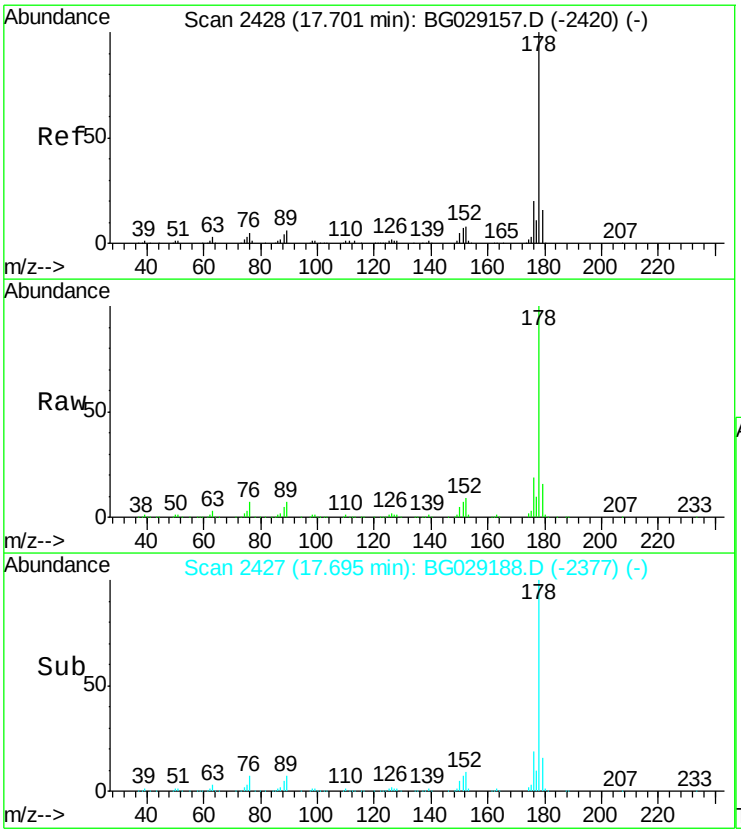
#14
Phenanthrene
Concen: 21.63 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 375545

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	20.1	15.0	22.6

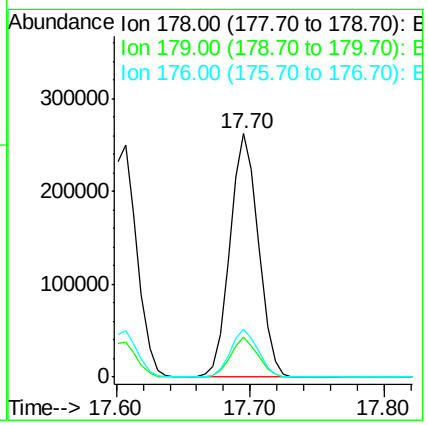


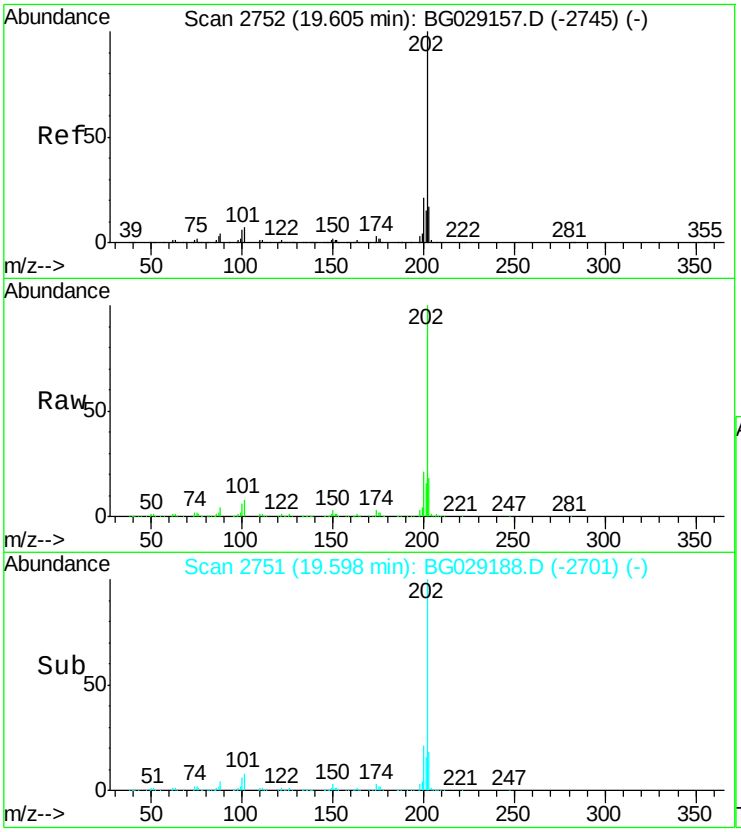


#16
Anthracene
Concen: 21.85 ng/ul
RT: 17.70 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Tgt Ion:178 Resp: 389012

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	19.5	15.7	23.5



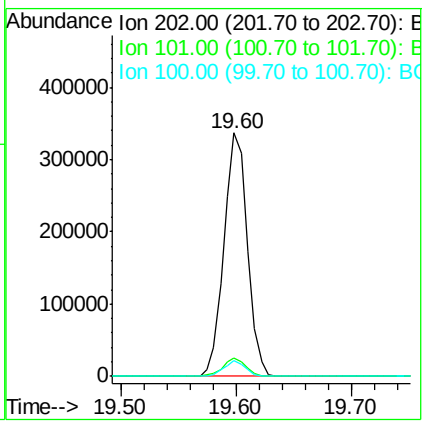


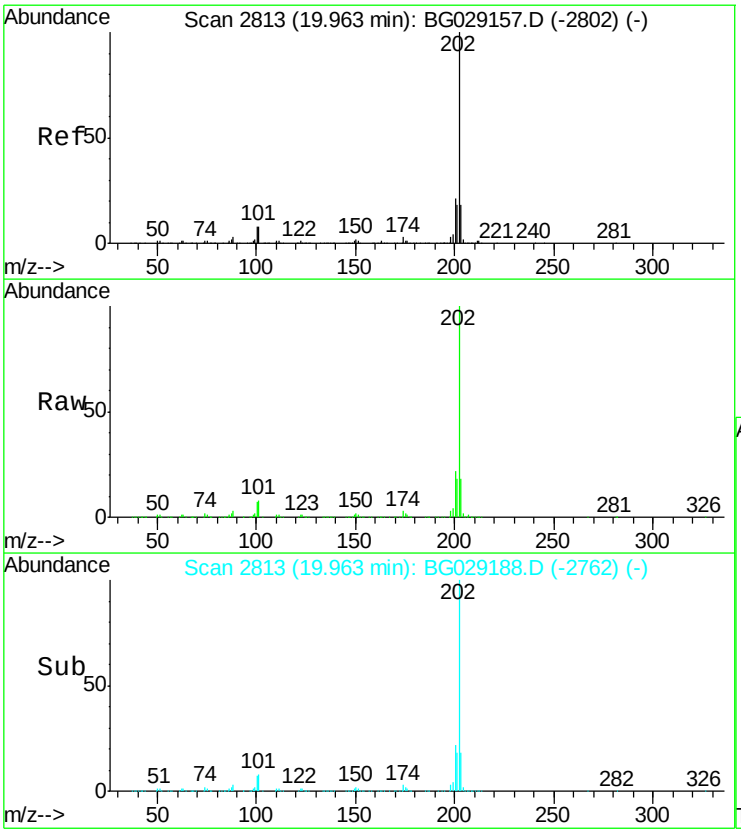
#17
Fluoranthene
Concen: 23.09 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 471851

Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.6	8.4
100	6.3	4.7	7.1

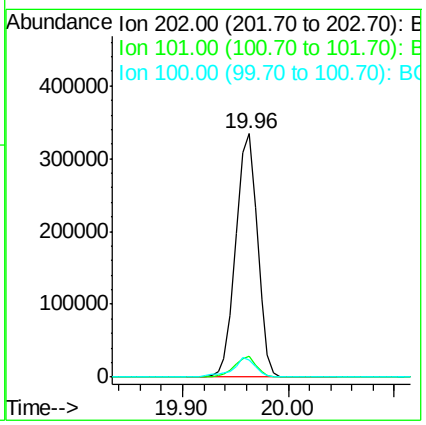


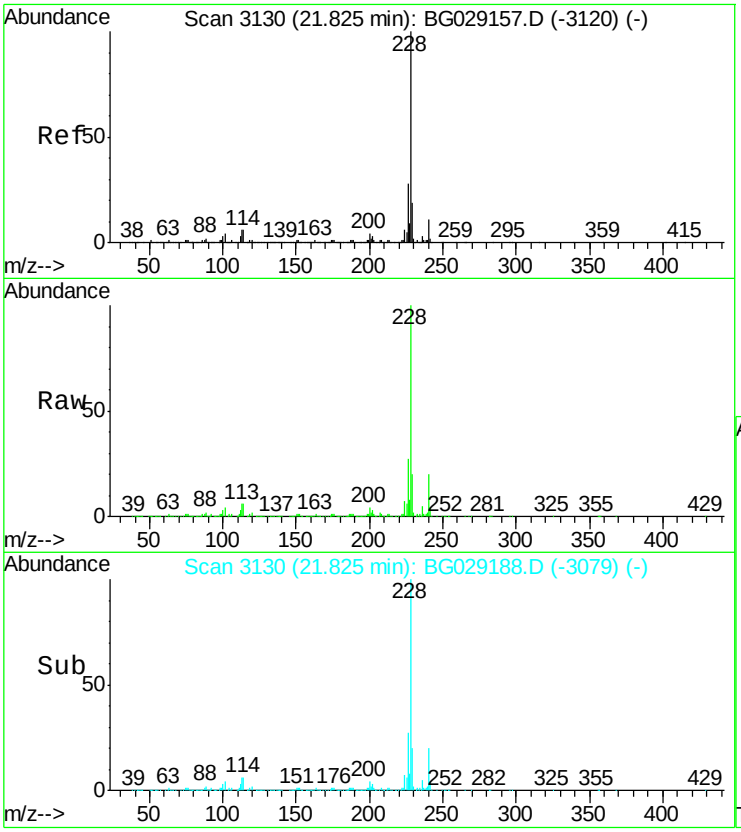


#20
Pyrene
Concen: 22.14 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Tgt Ion:202 Resp: 472907

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.5	9.7
100	7.0	5.5	8.3



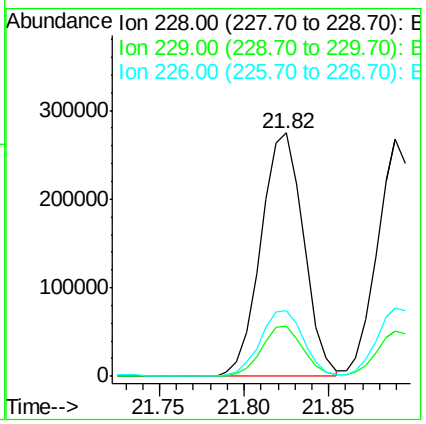


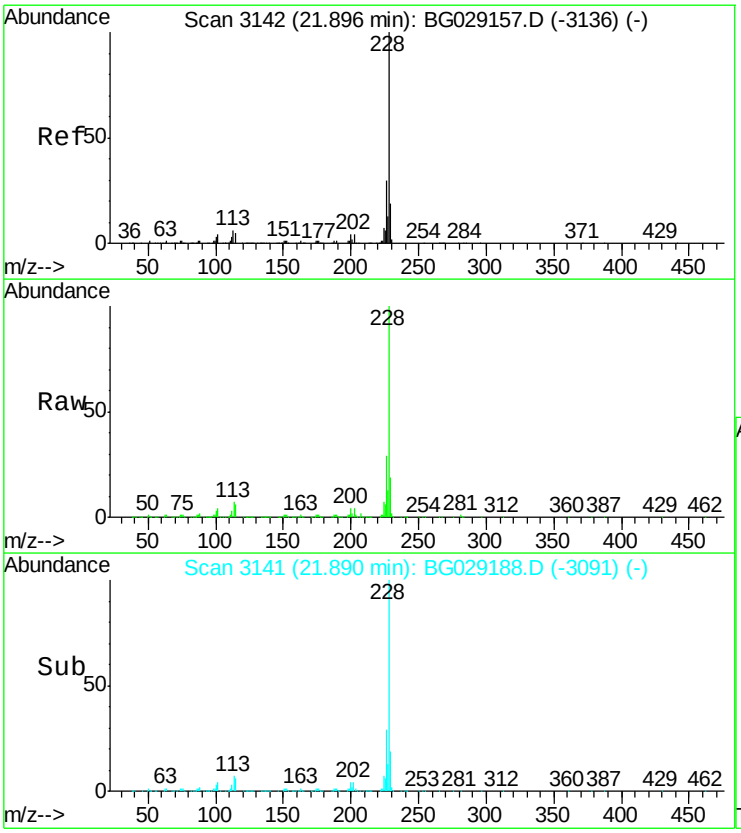
#21
Benzo(a)anthracene
Concen: 22.29 ng/ul
RT: 21.82 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 478459

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	27.2	21.6	32.4

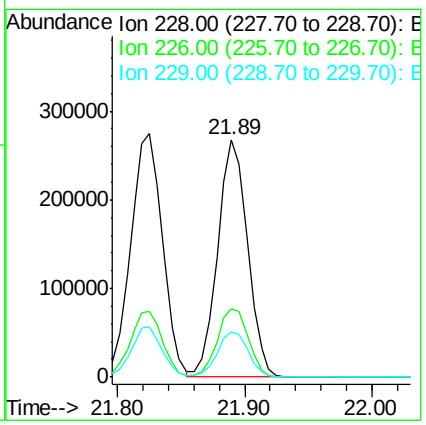


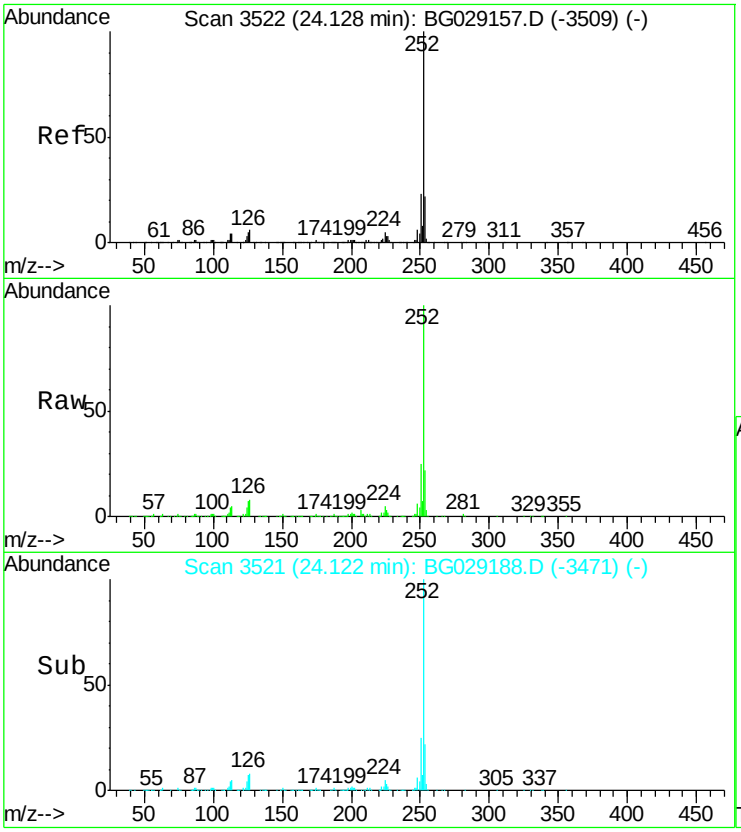


#22
Chrysene
Concen: 22.55 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Tgt Ion:228 Resp: 436895

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.0
229	18.9	15.7	23.5



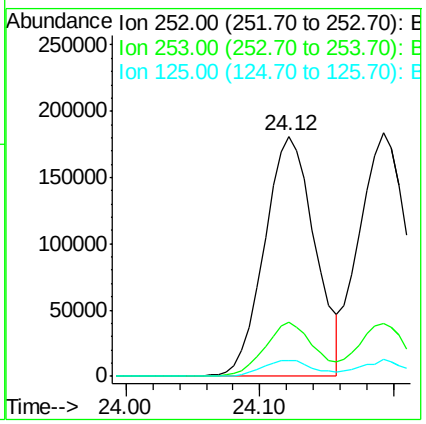


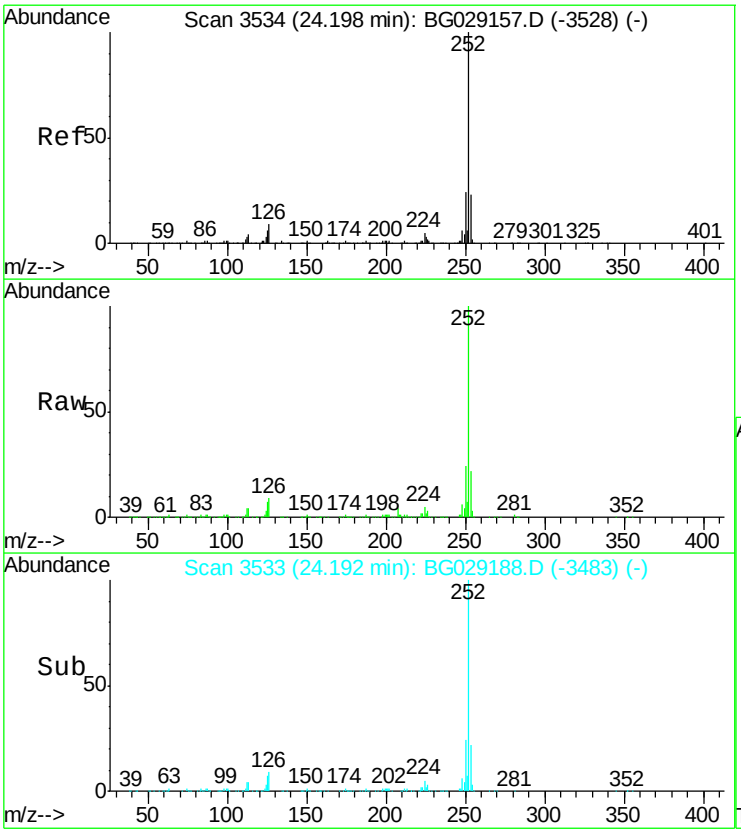
#24
Benzo(b)fluoranthene
Concen: 22.03 ng/ul
RT: 24.12 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 474611

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	6.7	4.5	6.7

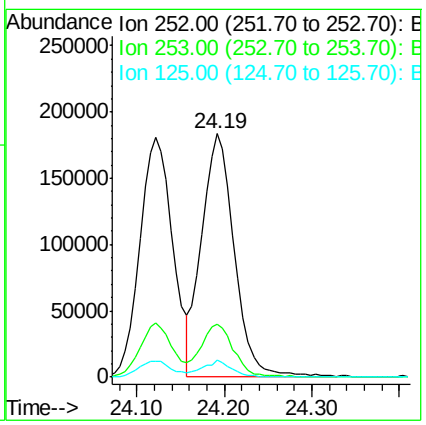


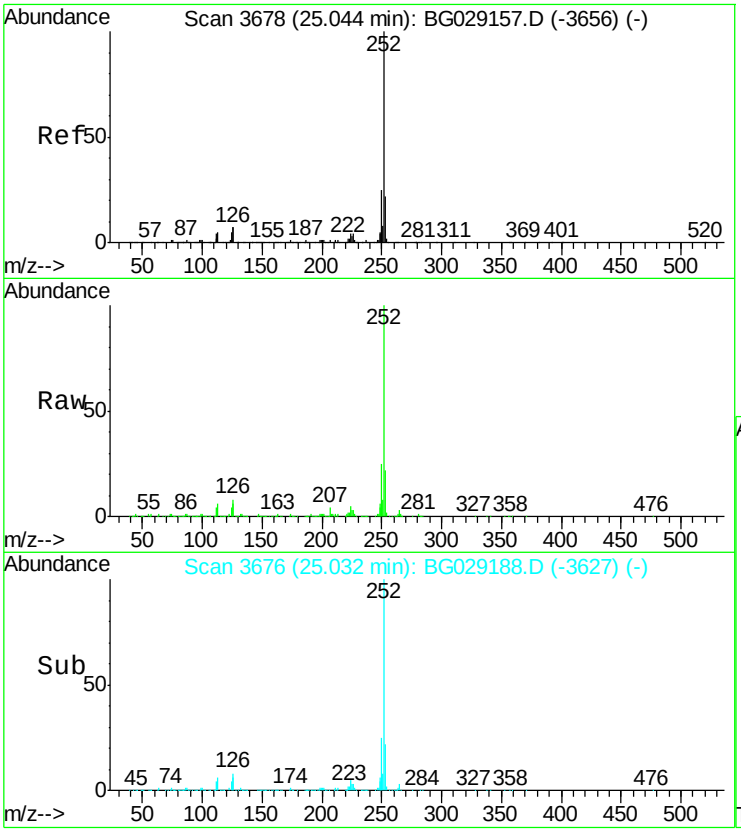


#25
Benzo(k)fluoranthene
Concen: 22.35 ng/ul
RT: 24.19 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Tgt Ion:252 Resp: 474335

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.8	25.2
125	6.8	5.1	7.7



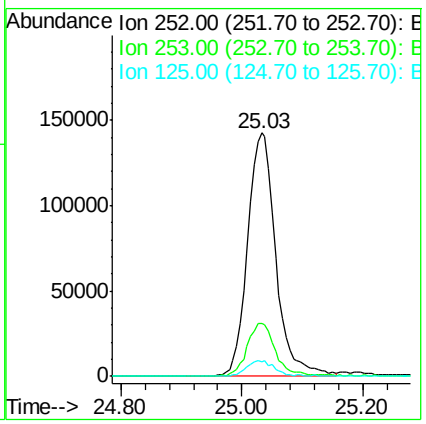


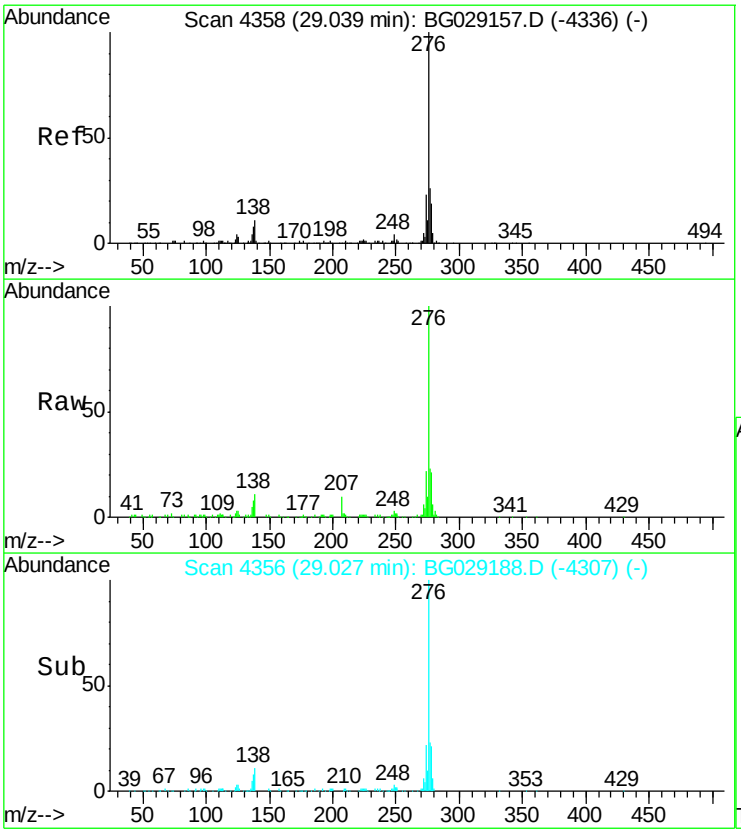
#27
Benzo(a)pyrene
Concen: 22.01 ng/ul
RT: 25.03 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 462627

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	5.9	5.4	8.2

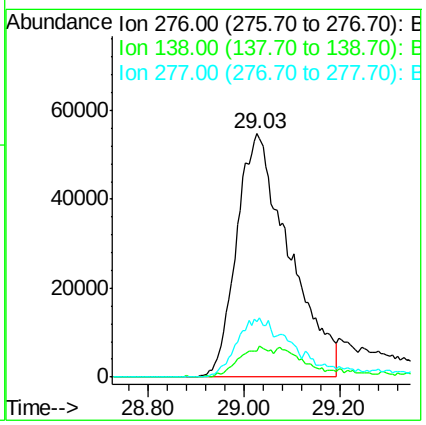


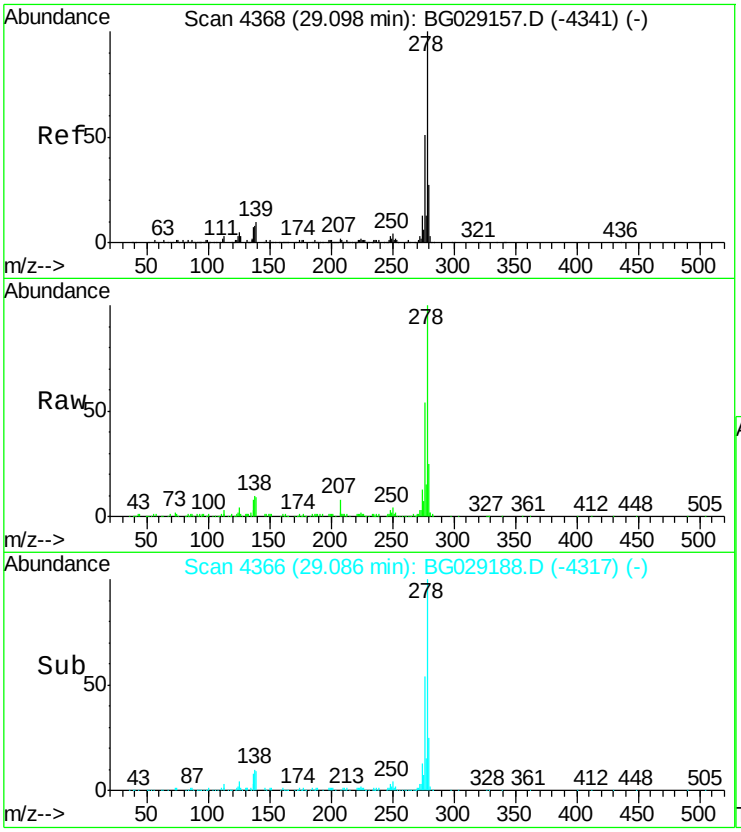


#28
Indeno(1,2,3-cd)pyrene
Concen: 20.81 ng/ul
RT: 29.03 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Tgt Ion:276 Resp: 416907

Ion	Ratio	Lower	Upper
276	100		
138	10.7	9.5	14.3
277	22.7	18.1	27.1



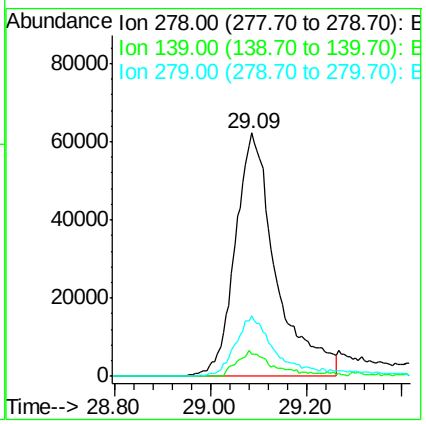


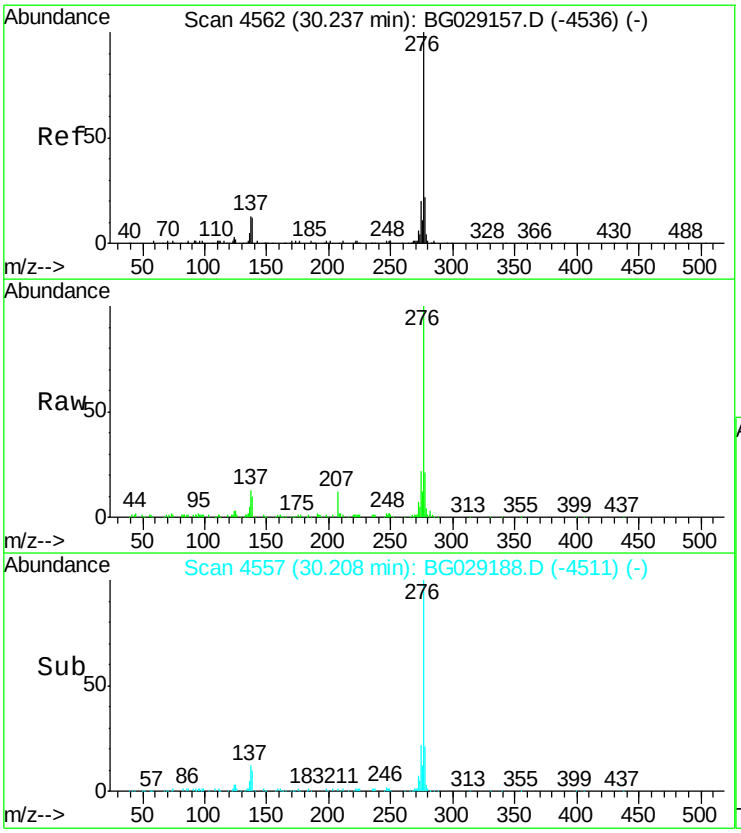
#29
Dibenzo(a,h)anthracene
Concen: 20.71 ng/ul
RT: 29.09 min Scan# 4366
Delta R.T. -0.01 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 368259

Ion	Ratio	Lower	Upper
278	100		
139	9.1	8.3	12.5
279	25.1	17.1	25.7





#30
Benzo(g,h,i)perylene
Concen: 9.24 ng/ul
RT: 30.21 min Scan# 4557
Delta R.T. -0.03 min
Lab File: BG029188.D
Acq: 12 Oct 2017 6:03

Tgt Ion:276 Resp: 129088

Ion	Ratio	Lower	Upper
276	100		
138	9.9	9.3	13.9
277	21.1	17.9	26.9