Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
Data File : BG029184.D
Acq On : 12 Oct 2017 3:22
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 12 08:55:04 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	45708	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	203777	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	168017	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.67	188	348937	20.00	ng/ul	0.10
18) Chrysene-d12	21.84	240	350286	20.00	ng/ul	0.00
23) Perylene-d12	25.19	264	386009	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.65	165	82011	21.05	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	370496	22.00	ng/ul	0.00
10) Fluorene-d10	15.81	176	277206	20.98	ng/ul	0.00
15) Anthracene-d10	17.67	188	348937	20.23	ng/ul	0.00
19) Pyrene-d10	19.93	212	405717	22.04	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	376942	19.52	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	11.08	128	223470	20.86	ng/ul	99
5) 2-Methylnaphthalene	12.67	142	175977	21.47	ng/ul	94
8) Acenaphthylene	14.55	152	366162	22.77	ng/ul	100
9) Acenaphthene	14.89	153	252443	22.28	ng/ul	96
11) Fluorene	15.87	166	292193	22.38	ng/ul	99
13) Pentachlorophenol	17.21	266	55253	19.05	ng/ul	98
14) Phenanthrene	17.70	178	393672	20.83	ng/ul	99
16) Anthracene	17.70	178	393672	20.32	ng/ul	99
17) Fluoranthene	19.60	202	459980	20.68	ng/ul	99
20) Pyrene	19.96	202	472052	22.23	ng/ul	98
21) Benzo(a)anthracene	21.83	228	474144	22.22	ng/ul	97
22) Chrysene	21.89	228	427915	22.21	ng/ul	98
24) Benzo(b)fluoranthene	24.13	252	455702	19.16	ng/ul	98
25) Benzo(k)fluoranthene	24.19	252	485508	20.72	ng/ul	100
27) Benzo(a)pyrene	25.03	252	469262	20.21	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	29.02	276	434764	19.65	ng/ul	97
29) Dibenzo(a,h)anthracene	29.09	278	389007	19.81	ng/ul	95
30) Benzo(g,h,i)perylene	30.21	276	111202	7.21	ng/ul	98

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

Quantitation Report (Not Reviewed)

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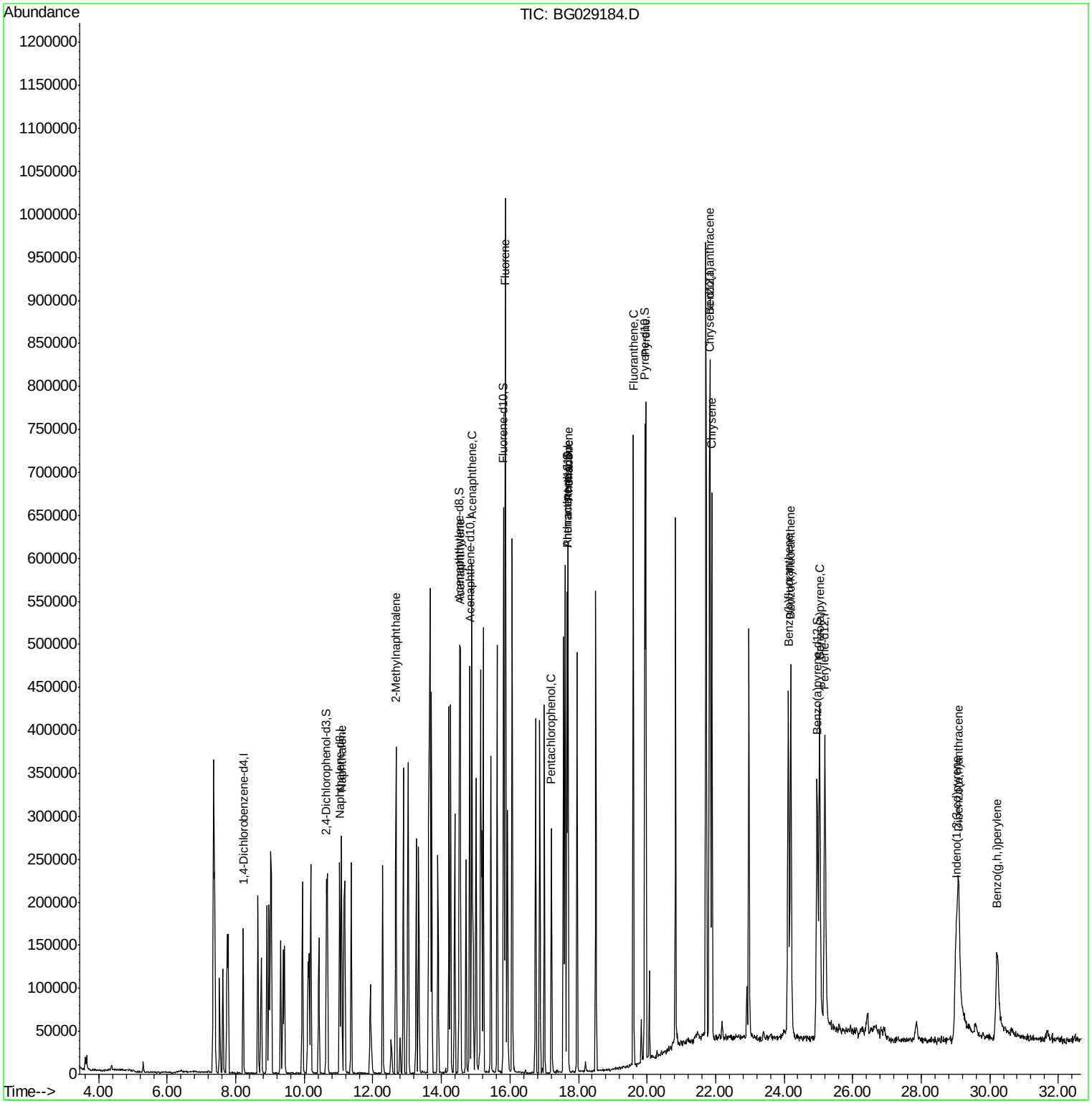
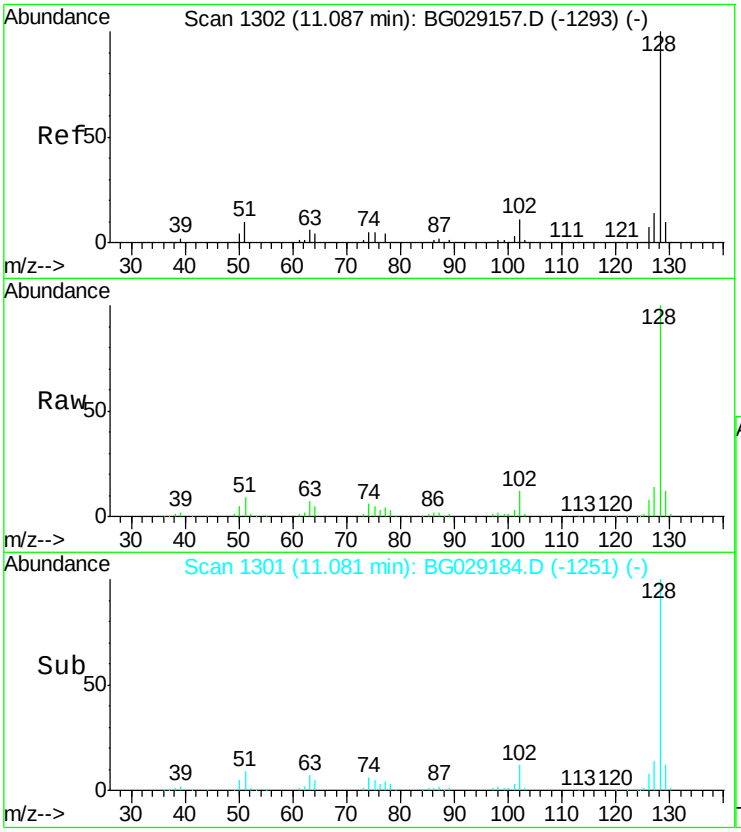


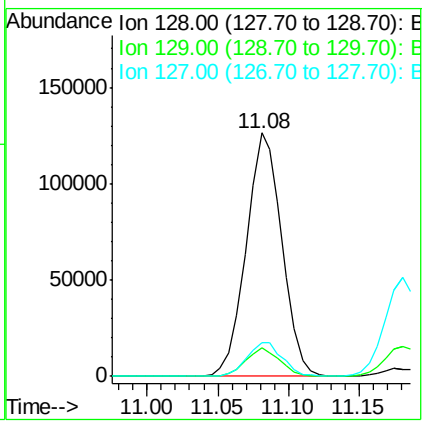


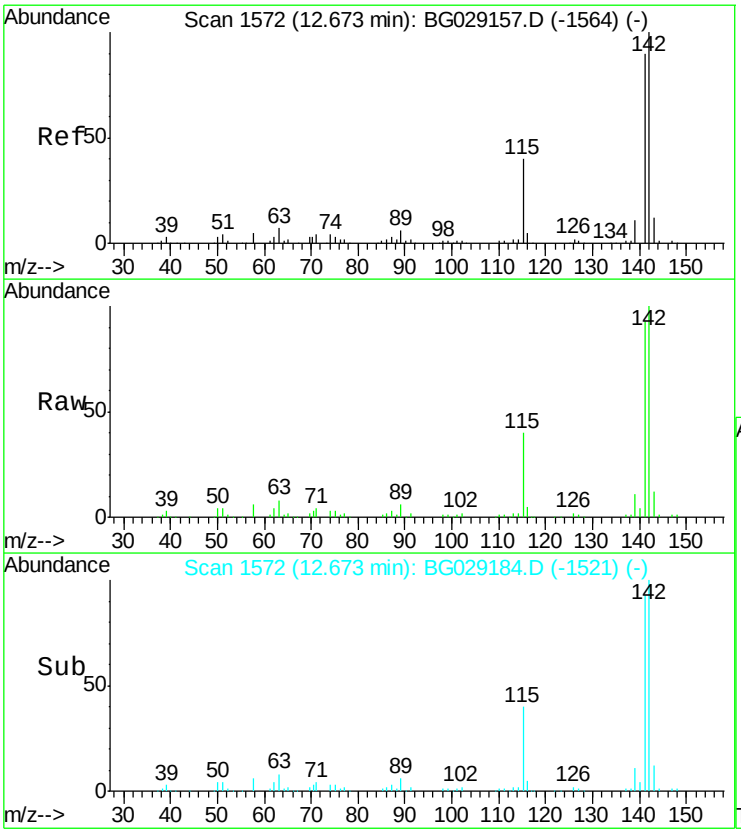
#4
Naphthalene
Concen: 20.86 ng/ul
RT: 11.08 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 223470

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.4
127	13.6	10.6	15.8

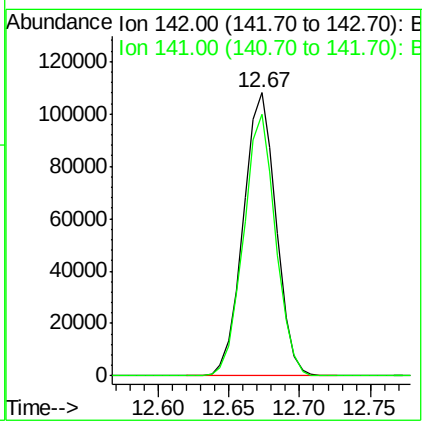


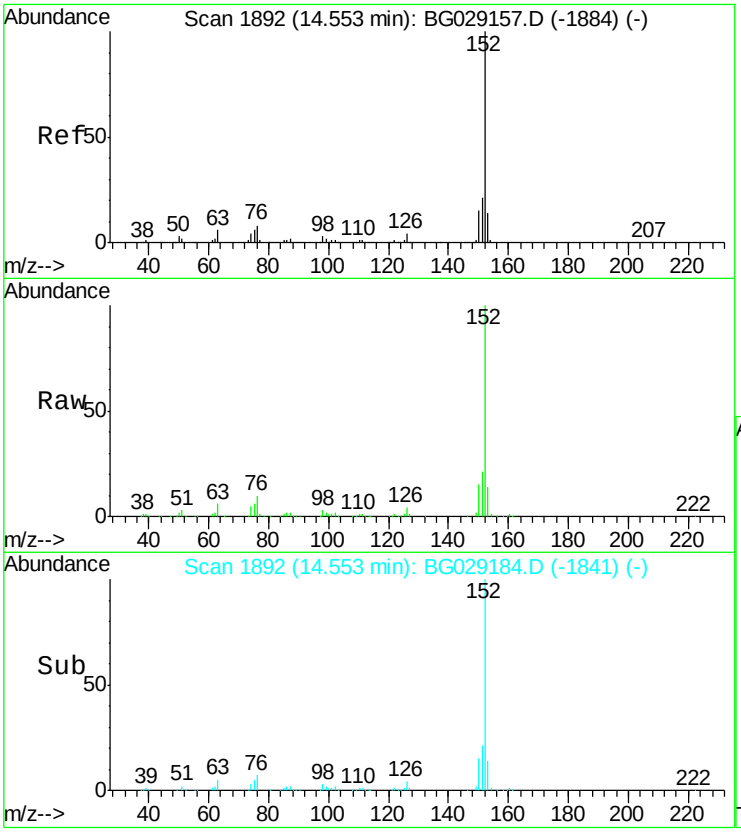


#5
2-Methylnaphthalene
Concen: 21.47 ng/ul
RT: 12.67 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Tgt Ion:142 Resp: 175977

Ion	Ratio	Lower	Upper
142	100		
141	92.6	69.8	104.8



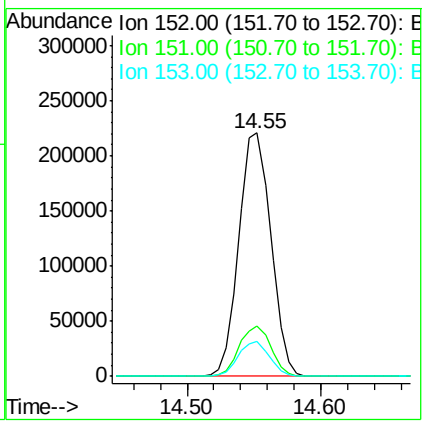


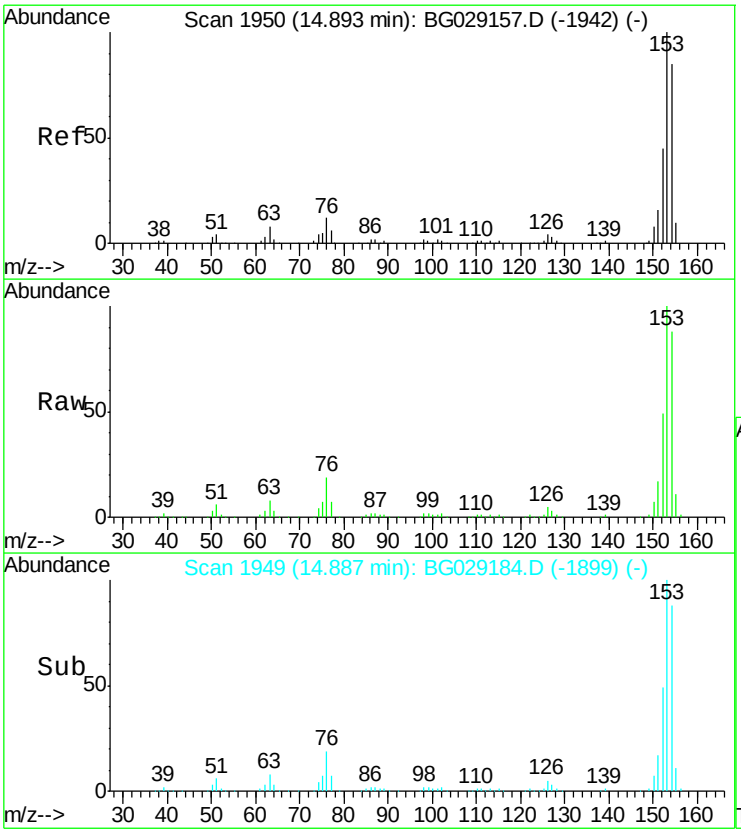
#8
Acenaphthylene
Concen: 22.77 ng/ul
RT: 14.55 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 366162

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.5	24.7
153	14.3	11.3	16.9

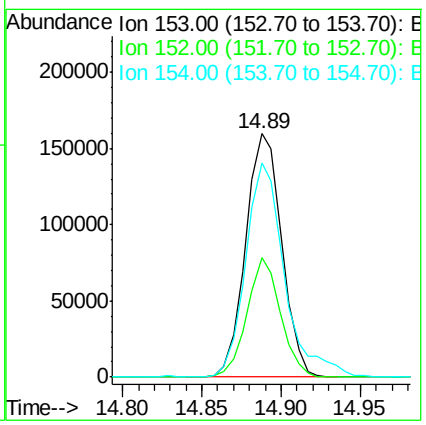


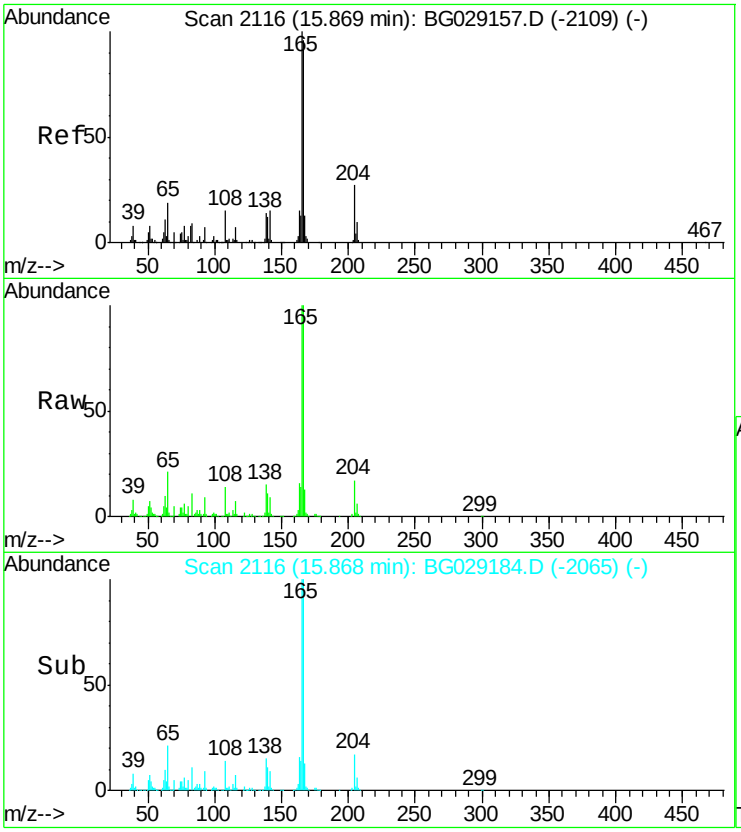


#9
Acenaphthene
Concen: 22.28 ng/ul
RT: 14.89 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Tgt Ion:153 Resp: 252443

Ion	Ratio	Lower	Upper
153	100		
152	49.1	36.2	54.4
154	88.1	68.4	102.6



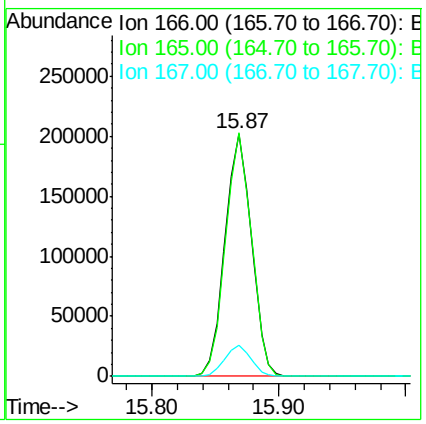


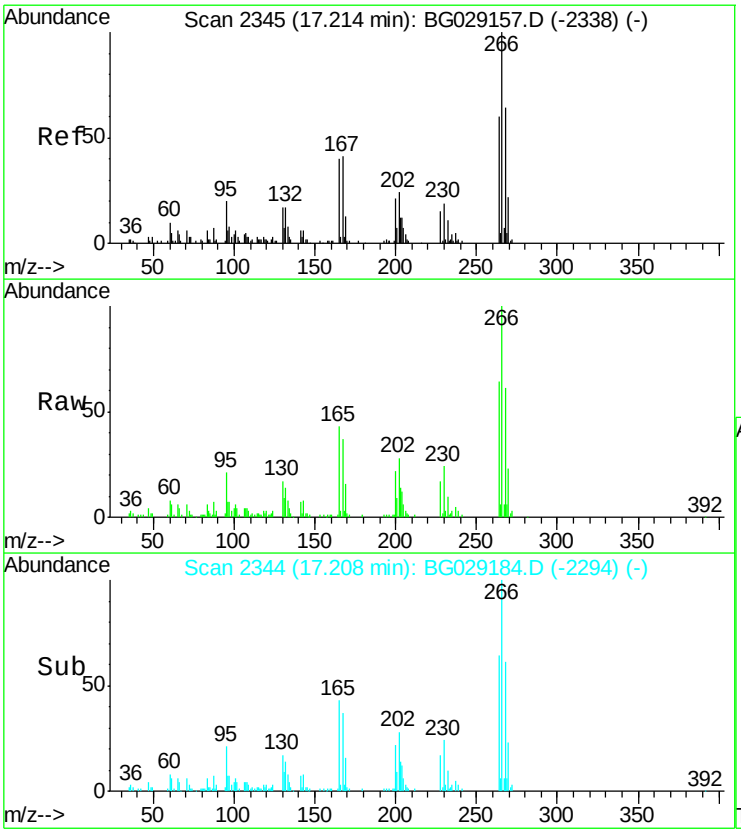
#11
Fluorene
Concen: 22.38 ng/ul
RT: 15.87 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 292193

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.4	119.0
167	12.7	10.2	15.4

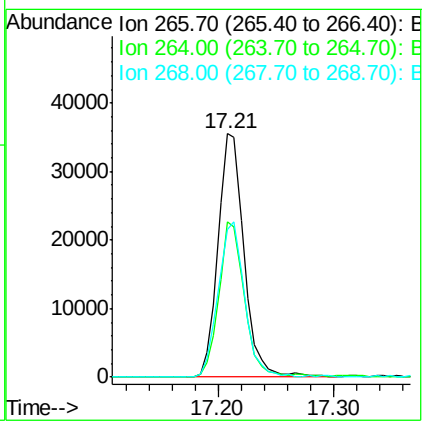


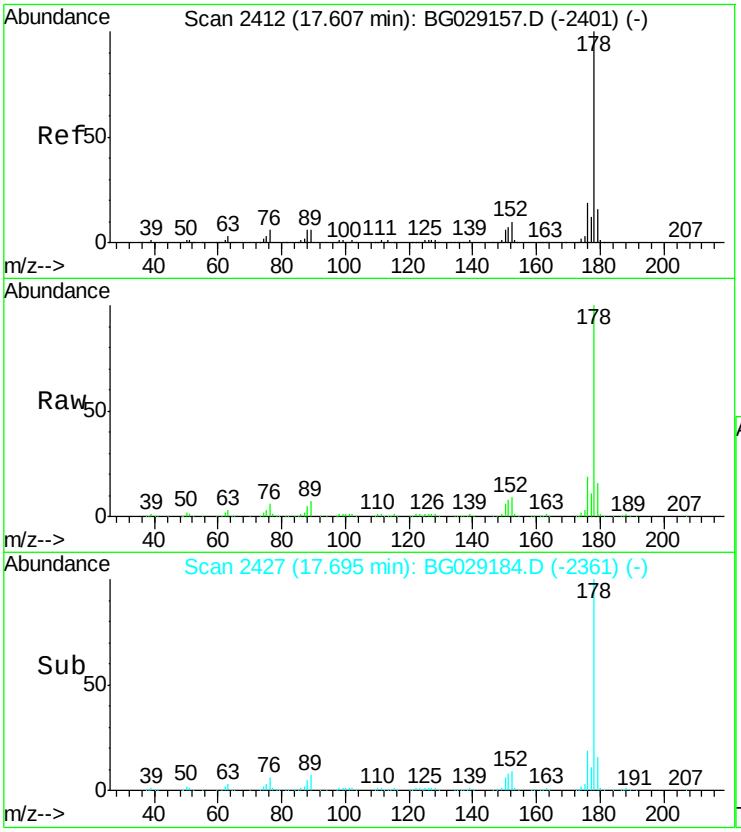


#13
Pentachlorophenol
Concen: 19.05 ng/ul
RT: 17.21 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Tgt Ion:266 Resp: 55253

Ion	Ratio	Lower	Upper
266	100		
264	63.8	49.8	74.8
268	60.8	50.0	75.0



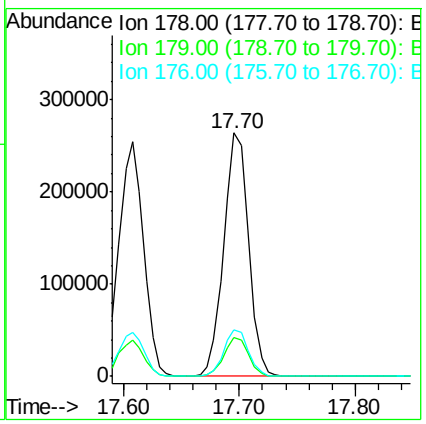


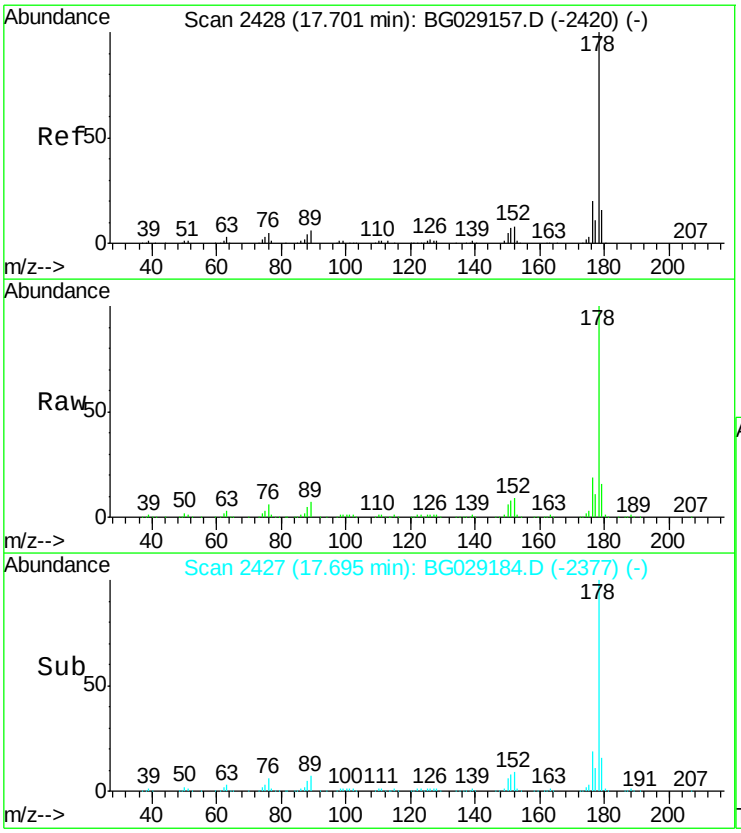
#14
Phenanthrene
Concen: 20.83 ng/ul
RT: 17.70 min Scan# 2427
Delta R.T. 0.09 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 393672

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.2
176	19.1	15.0	22.6

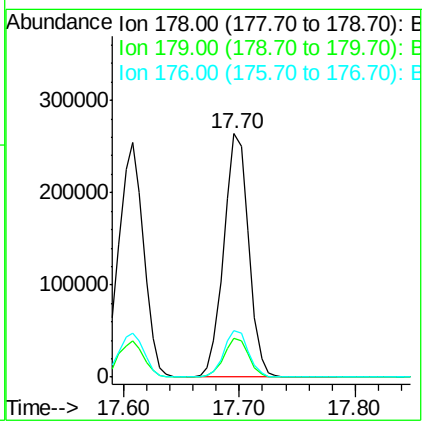


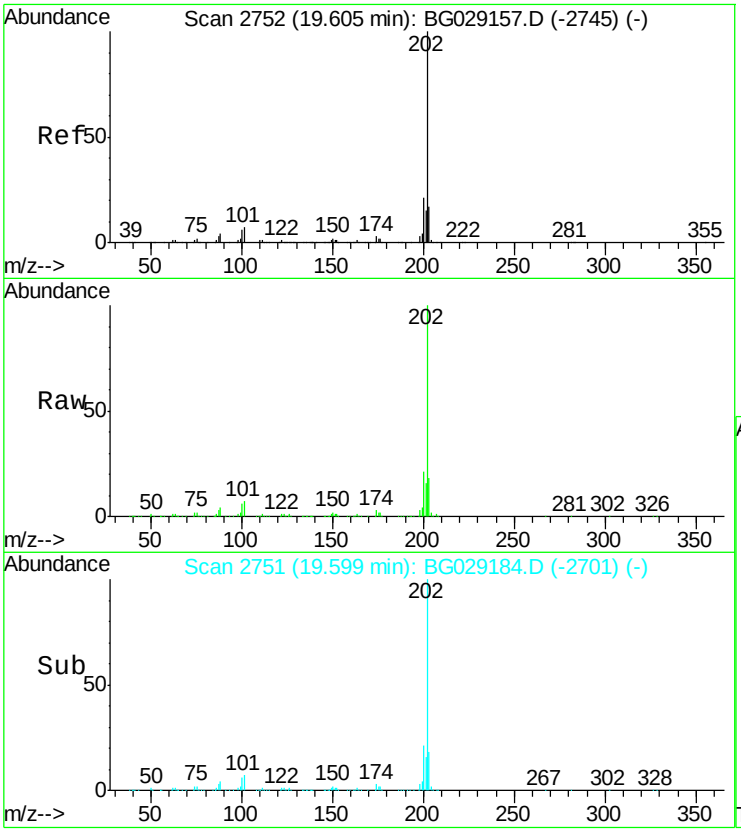


#16
Anthracene
Concen: 20.32 ng/ul
RT: 17.70 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Tgt Ion:178 Resp: 393672

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	19.1	15.7	23.5



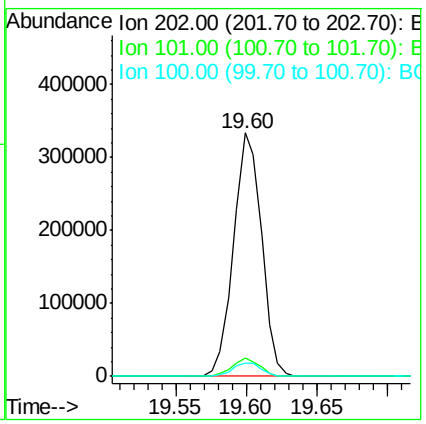


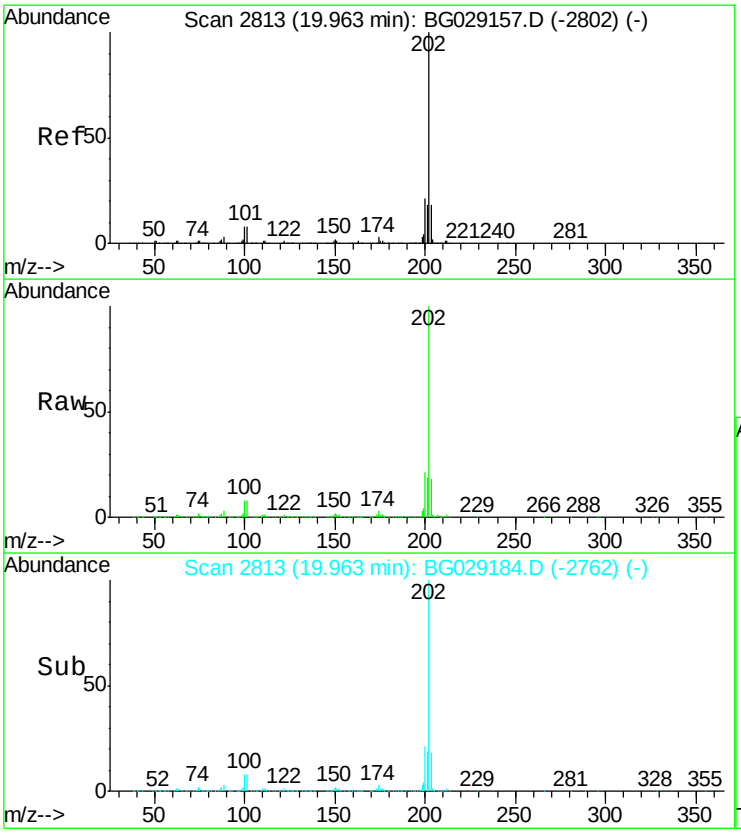
#17
Fluoranthene
Concen: 20.68 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 459980

Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.6	8.4
100	5.6	4.7	7.1

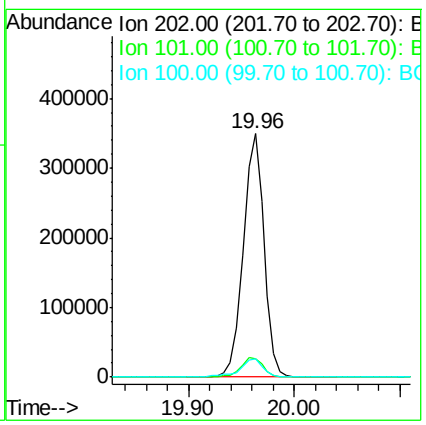


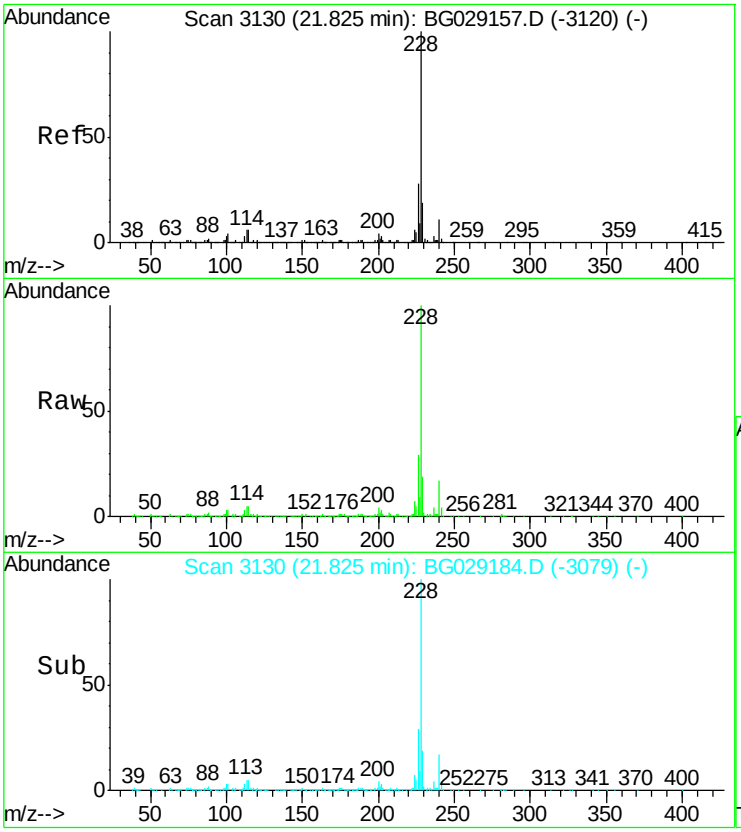


#20
Pyrene
Concen: 22.23 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Tgt Ion:202 Resp: 472052

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.5	9.7
100	7.7	5.5	8.3



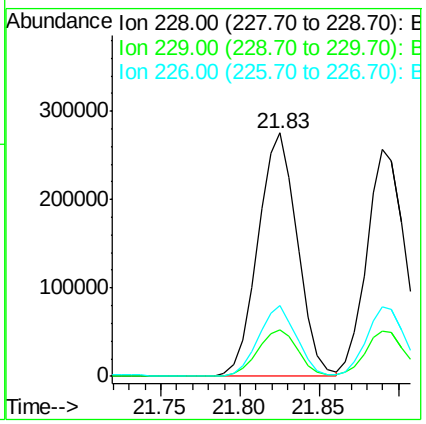


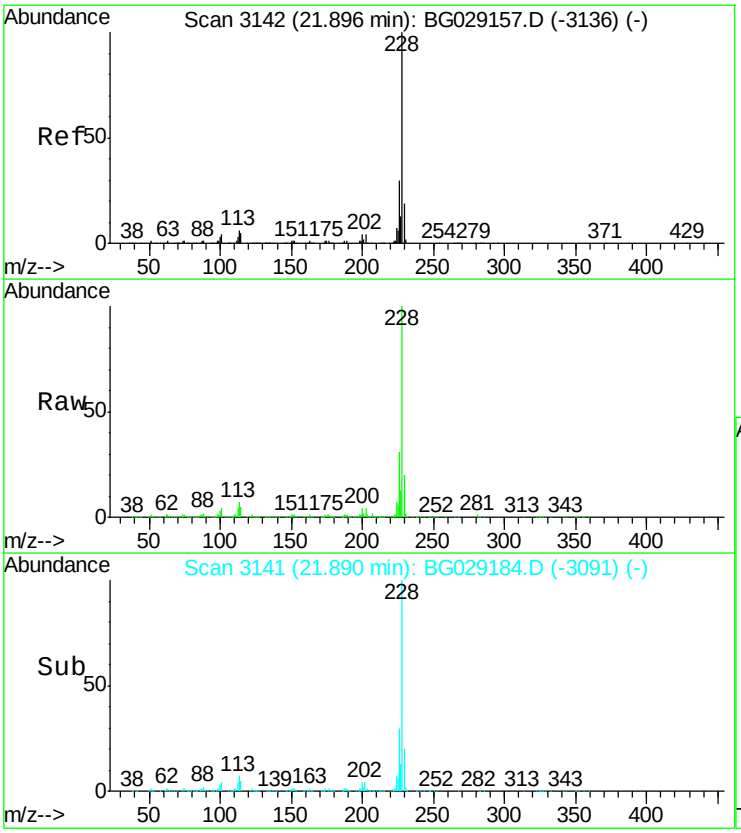
#21
Benzo(a)anthracene
Concen: 22.22 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 474144

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.8	23.8
226	28.9	21.6	32.4

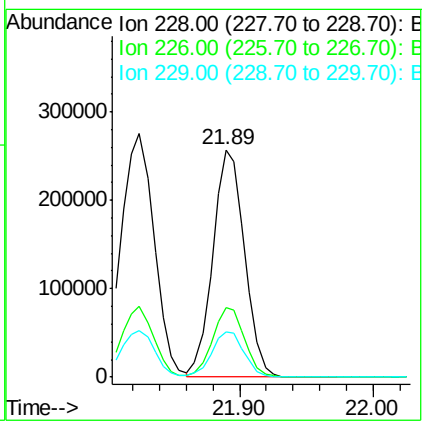


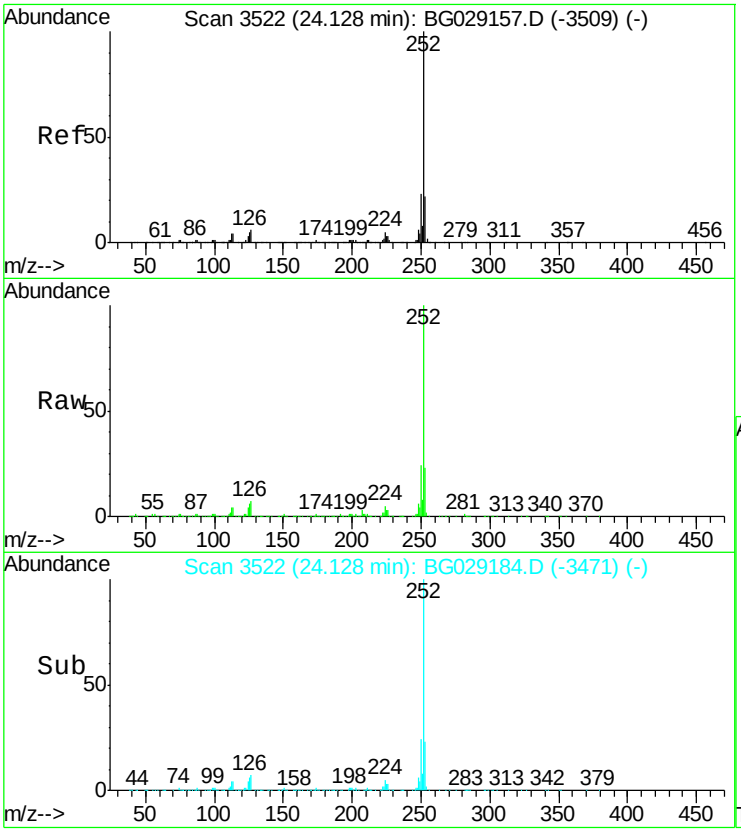


#22
Chrysene
Concen: 22.21 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Tgt Ion:228 Resp: 427915

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	19.9	15.7	23.5



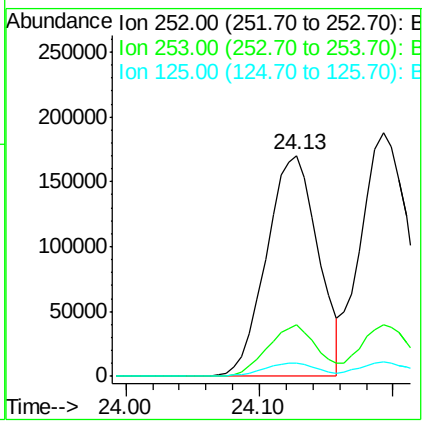


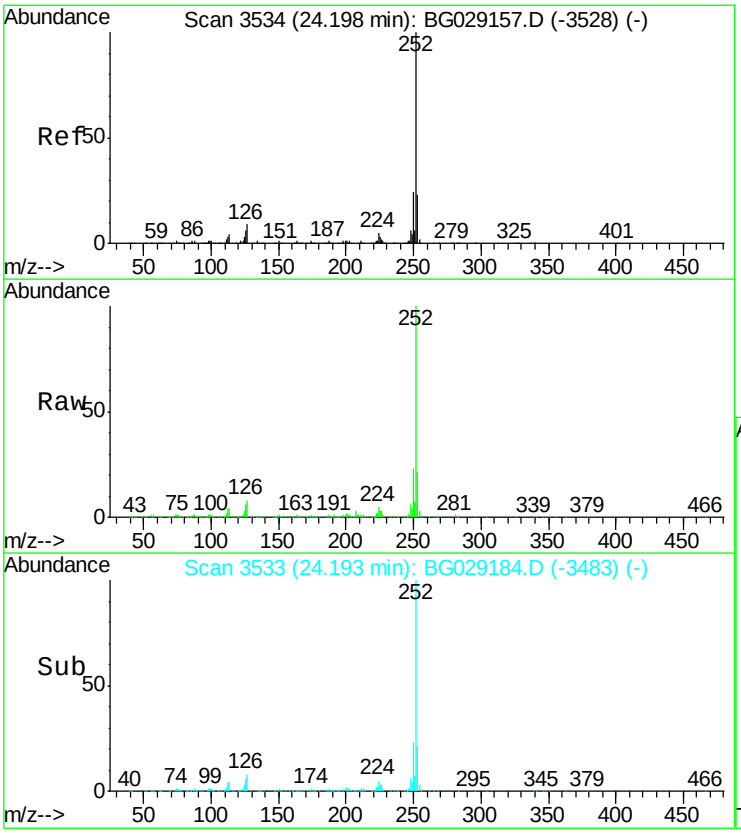
#24
Benzo(b)fluoranthene
Concen: 19.16 ng/ul
RT: 24.13 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 455702

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	5.7	4.5	6.7

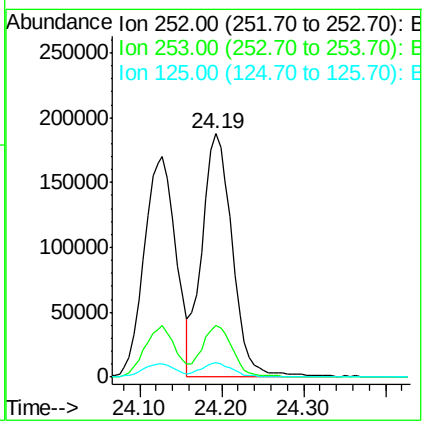


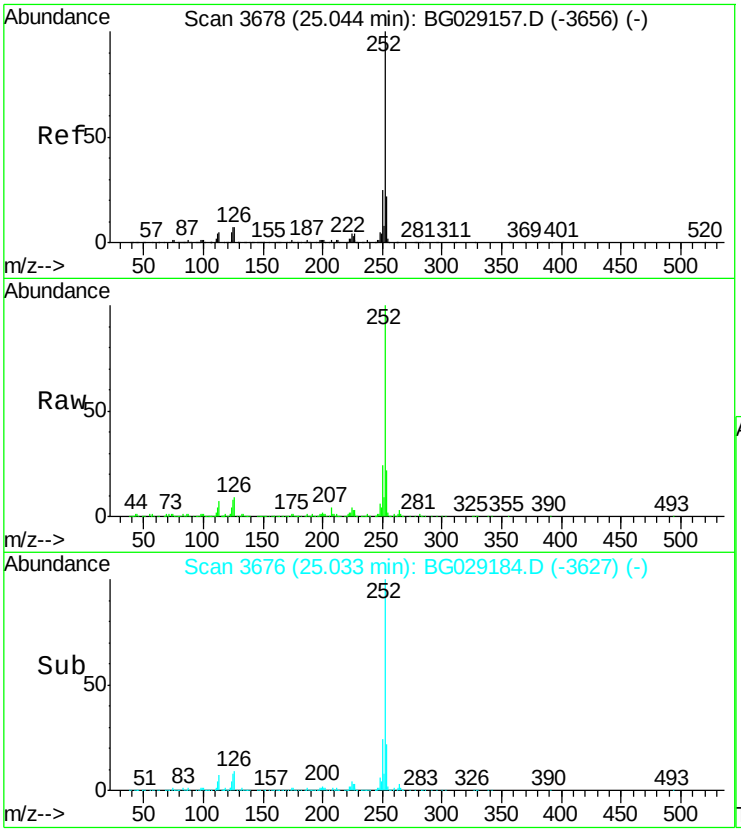


#25
Benzo(k)fluoranthene
Concen: 20.72 ng/ul
RT: 24.19 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Tgt Ion:252 Resp: 485508

Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.8	25.2
125	6.2	5.1	7.7



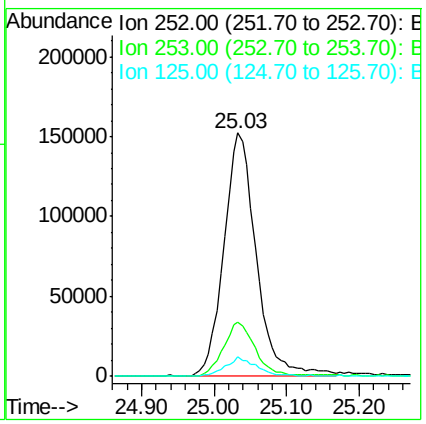


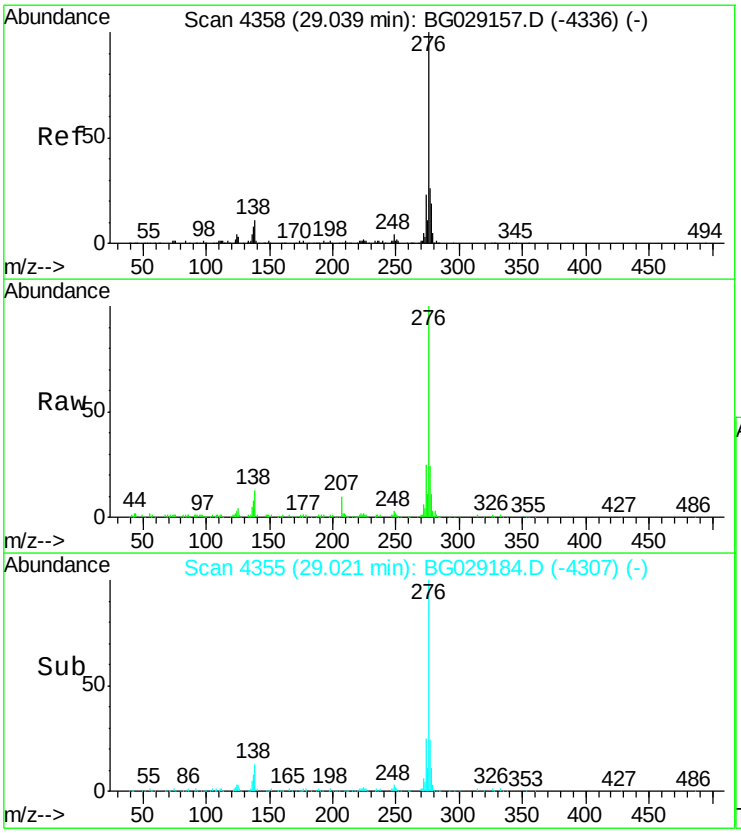
#27
Benzo(a)pyrene
Concen: 20.21 ng/ul
RT: 25.03 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 469262

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	8.2	5.4	8.2

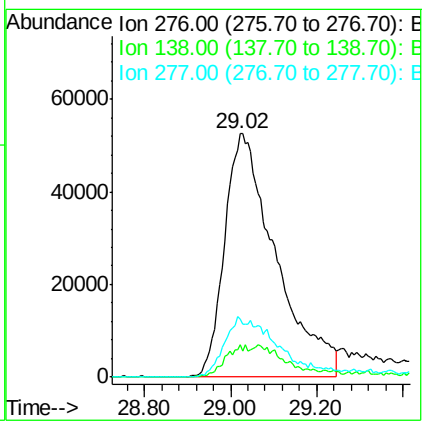


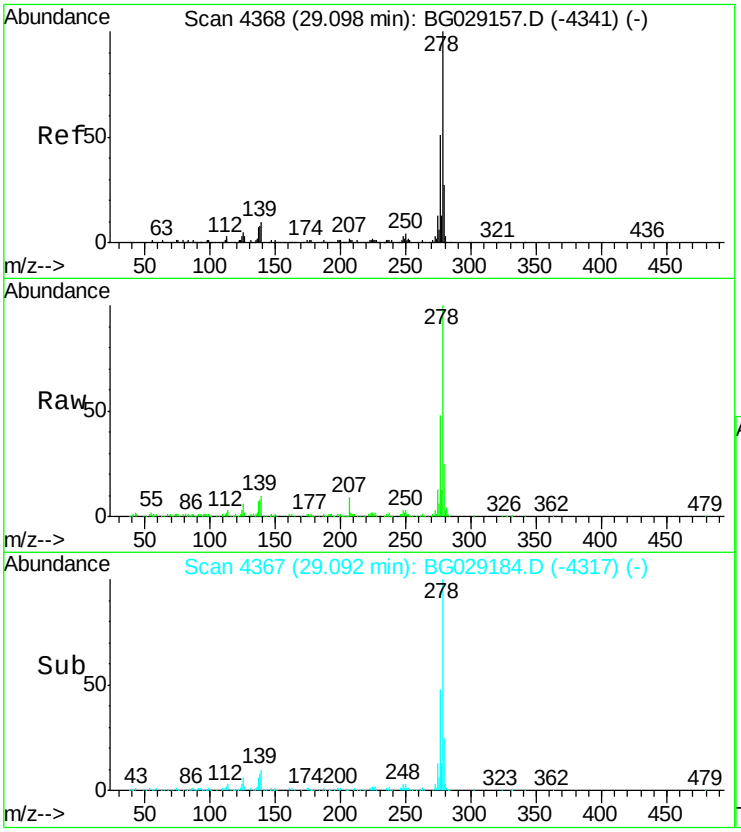


#28
Indeno(1,2,3-cd)pyrene
Concen: 19.65 ng/ul
RT: 29.02 min Scan# 4355
Delta R.T. -0.02 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Tgt Ion:276 Resp: 434764

Ion	Ratio	Lower	Upper
276	100		
138	13.2	9.5	14.3
277	23.9	18.1	27.1



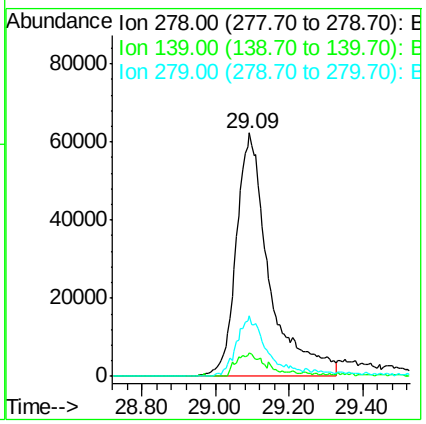


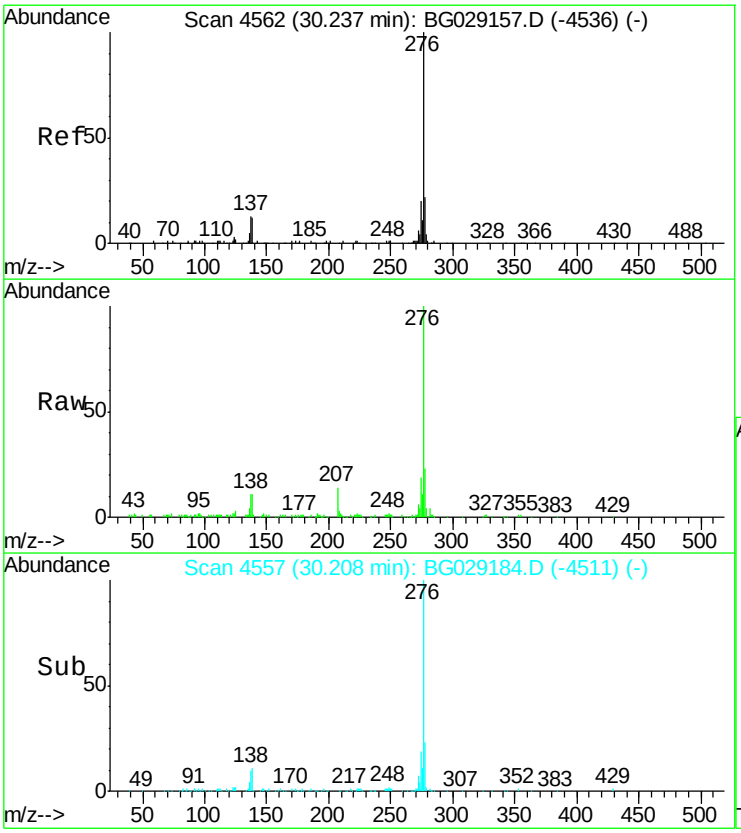
#29
Dibenzo(a,h)anthracene
Concen: 19.81 ng/ul
RT: 29.09 min Scan# 4367
Delta R.T. -0.01 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 389007

Ion	Ratio	Lower	Upper
278	100		
139	9.8	8.3	12.5
279	24.8	17.1	25.7





#30
Benzo(g,h,i)perylene
Concen: 7.21 ng/ul
RT: 30.21 min Scan# 4557
Delta R.T. -0.03 min
Lab File: BG029184.D
Acq: 12 Oct 2017 3:22

Tgt Ion:276 Resp: 111202

Ion	Ratio	Lower	Upper
276	100		
138	10.9	9.3	13.9
277	23.1	17.9	26.9