Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
Data File : BG031124.D
Acq On : 18 Nov 2017 17:43
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02067

Quant Time: Nov 20 00:57:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 01:20:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	46703	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	217452	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	150013	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	364014	20.00	ng/ul	0.00
18) Chrysene-d12	21.78	240	381975	20.00	ng/ul	0.00
23) Perylene-d12	25.08	264	377124	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	80431	19.60	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	319911	20.51	ng/ul	0.00
10) Fluorene-d10	15.75	176	234769	18.74	ng/ul	0.00
15) Anthracene-d10	17.60	188	358461	19.67	ng/ul	0.00
19) Pyrene-d10	19.88	212	420040	24.07	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	371810	19.93	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	11.01	128	215624	20.72	ng/ul	98
5) 2-Methylnaphthalene	12.60	142	168442	19.61	ng/ul	99
8) Acenaphthylene	14.48	152	283221	20.73	ng/ul	98
9) Acenaphthene	14.82	153	200176	20.30	ng/ul	100
11) Fluorene	15.81	166	232418	18.61	ng/ul	99
13) Pentachlorophenol	17.16	266	35700	16.81	ng/uL	98
14) Phenanthrene	17.55	178	385456	19.73	ng/ul	98
16) Anthracene	17.63	178	392784	19.80	ng/ul	97
17) Fluoranthene	19.54	202	482527	17.75	ng/ul#	88
20) Pyrene	19.90	202	480519	23.70	ng/ul#	88
21) Benzo(a)anthracene	21.75	228	491466	21.12	ng/ul	99
22) Chrysene	21.82	228	455032	20.56	ng/ul	99
24) Benzo(b)fluoranthene	24.03	252	474179	20.81	ng/ul#	93
25) Benzo(k)fluoranthene	24.10	252	450337	20.06	ng/ul#	95
27) Benzo(a)pyrene	24.92	252	447397	20.49	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	28.86	276	203218	8.16	ng/ul#	91
29) Dibenzo(a,h)anthracene	28.92	278	417278	20.24	ng/ul#	93
30) Benzo(g,h,i)perylene	30.06	276	405181	19.55	ng/ul#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
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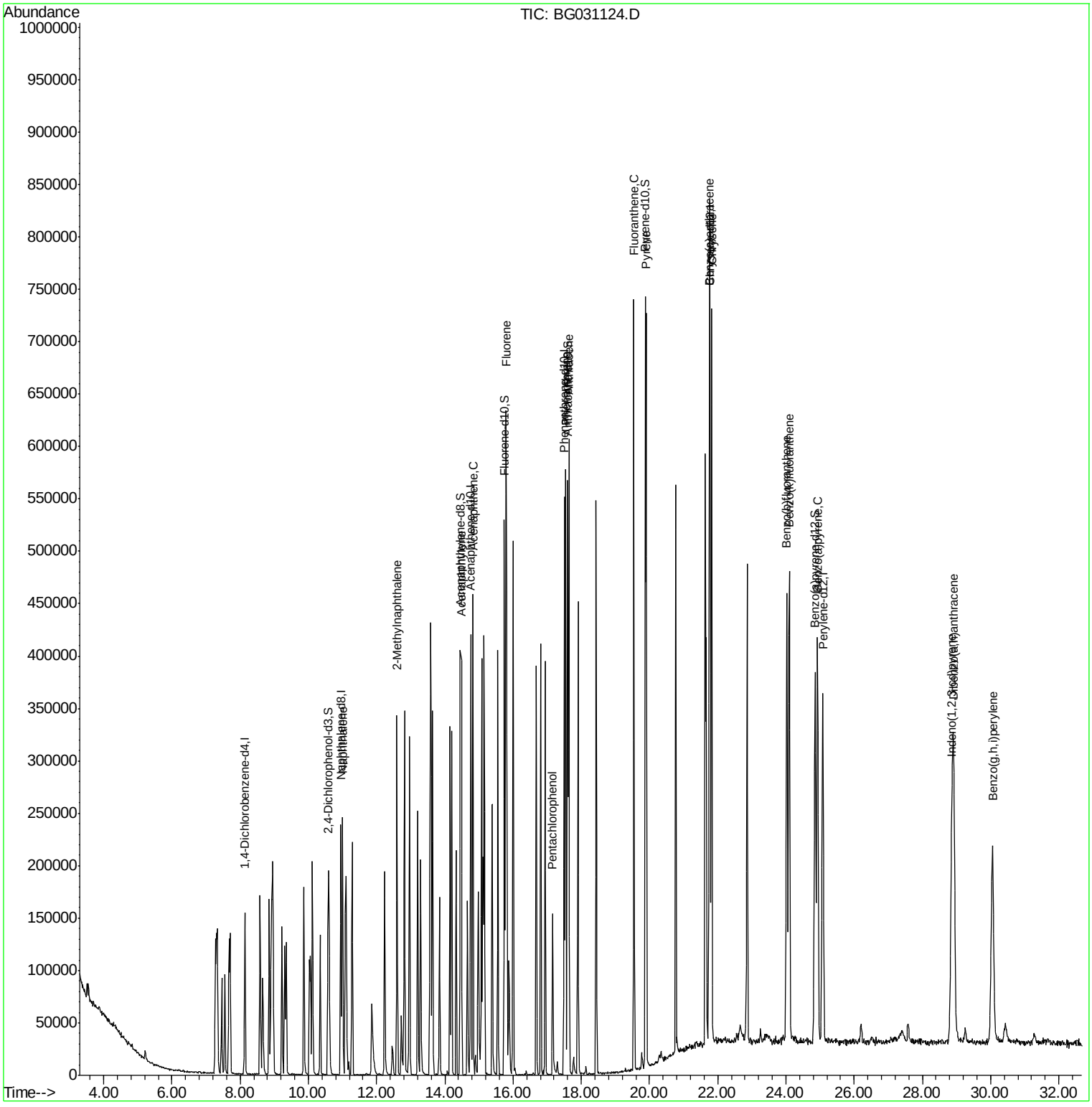
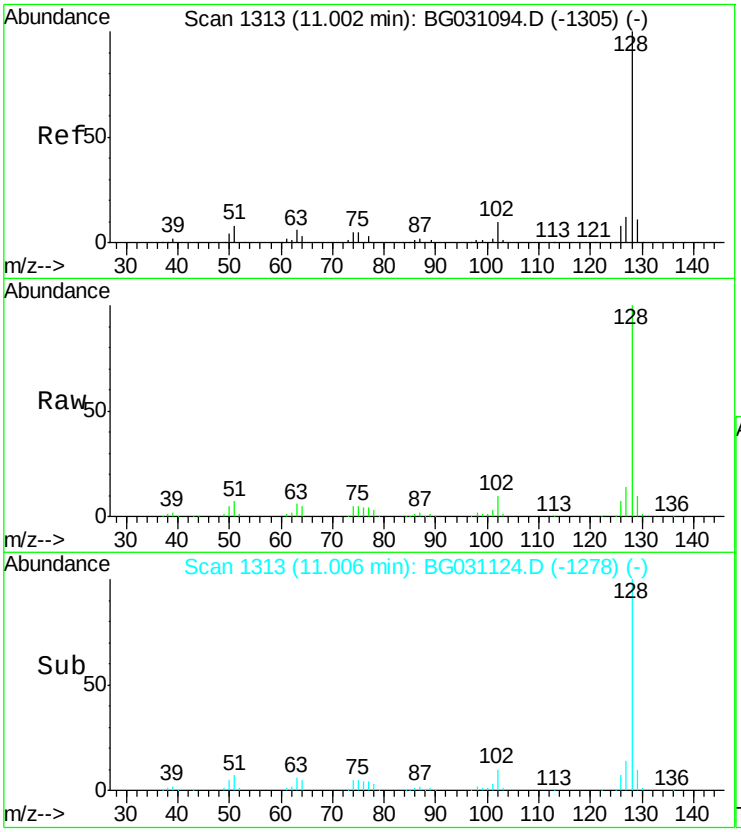


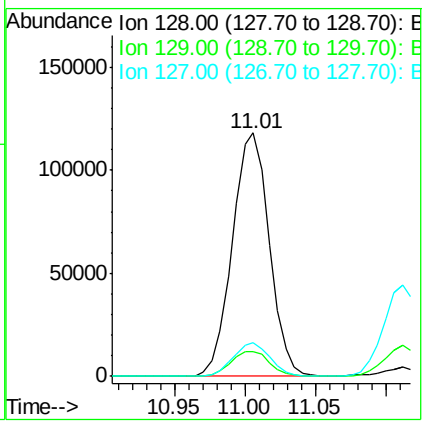


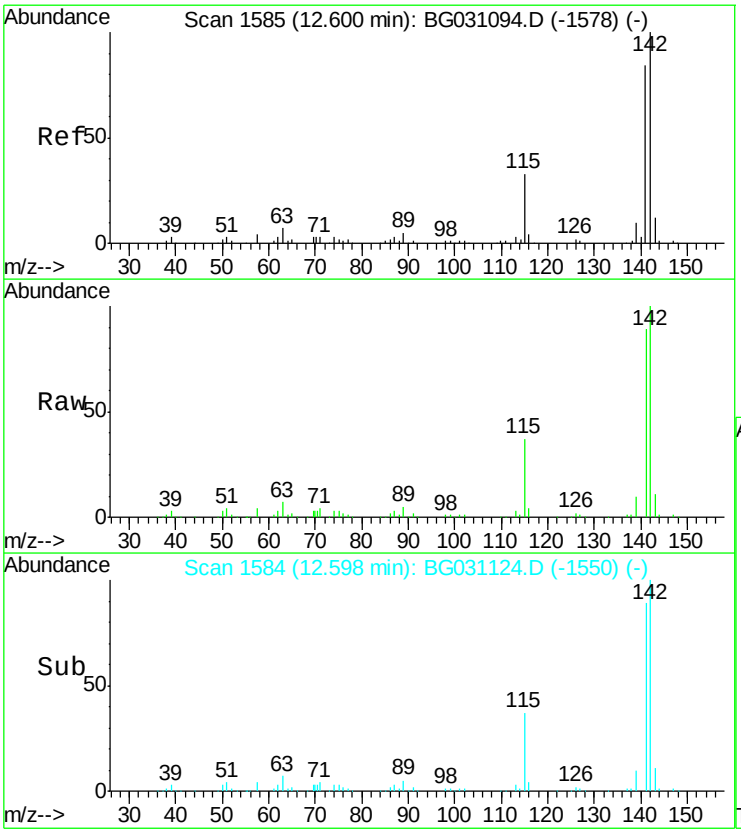
#4
Naphthalene
Concen: 20.72 ng/ul
RT: 11.01 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Instrument :
BNA_G
ClientSampleId :
SSTD02067

Tgt Ion:128 Resp: 215624

Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.1	13.7
127	14.0	10.6	15.8

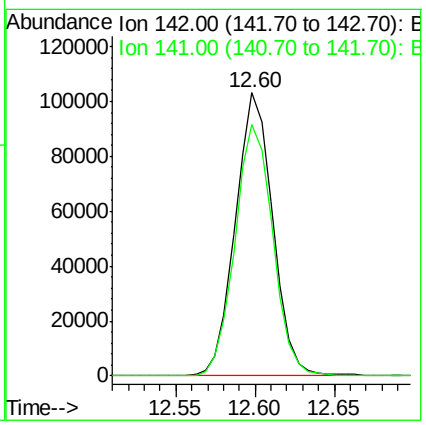


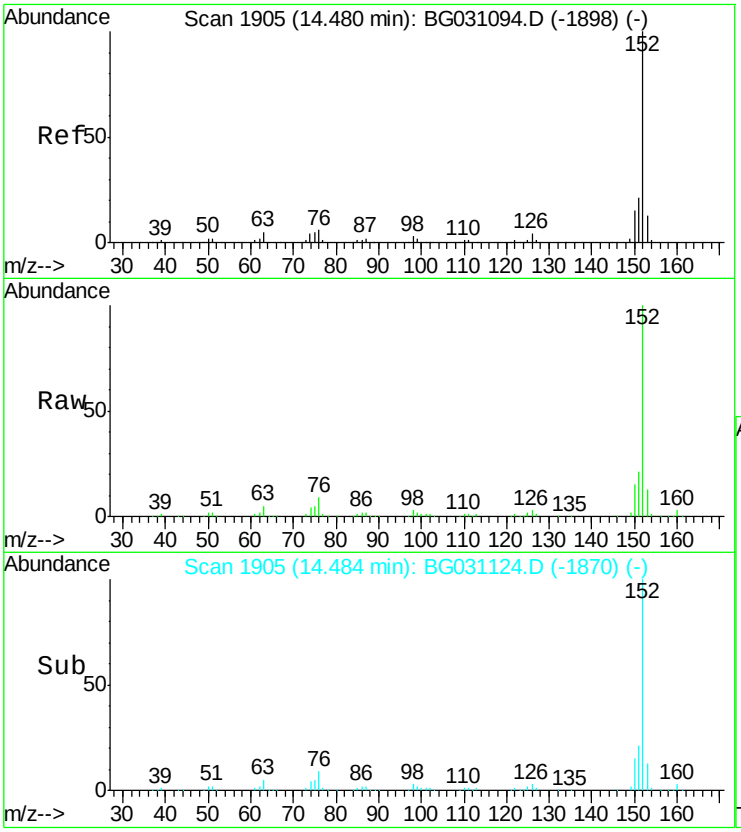


#5
2-Methylnaphthalene
Concen: 19.61 ng/ul
RT: 12.60 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Tgt Ion:142 Resp: 168442

Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.8	104.8



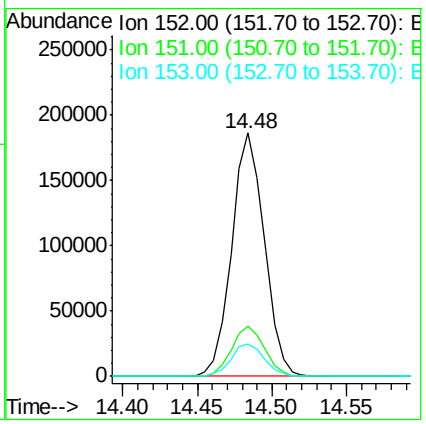


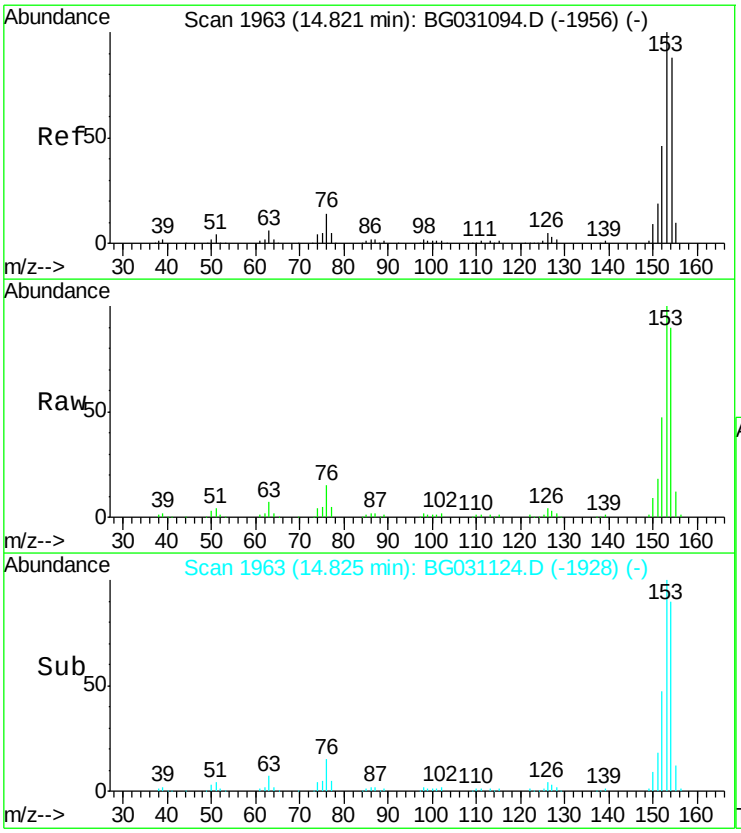
#8
Acenaphthylene
Concen: 20.73 ng/ul
RT: 14.48 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Instrument :
BNA_G
ClientSampleId :
SSTD02067

Tgt Ion:152 Resp: 283221

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.5	26.3
153	13.3	10.6	16.0

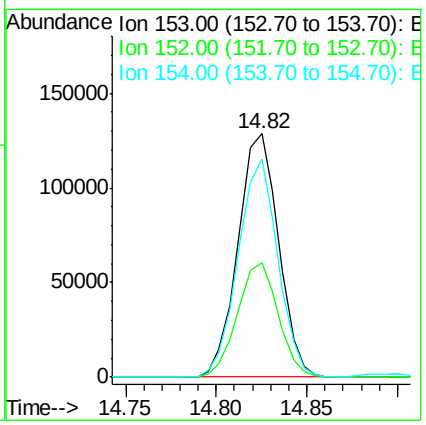


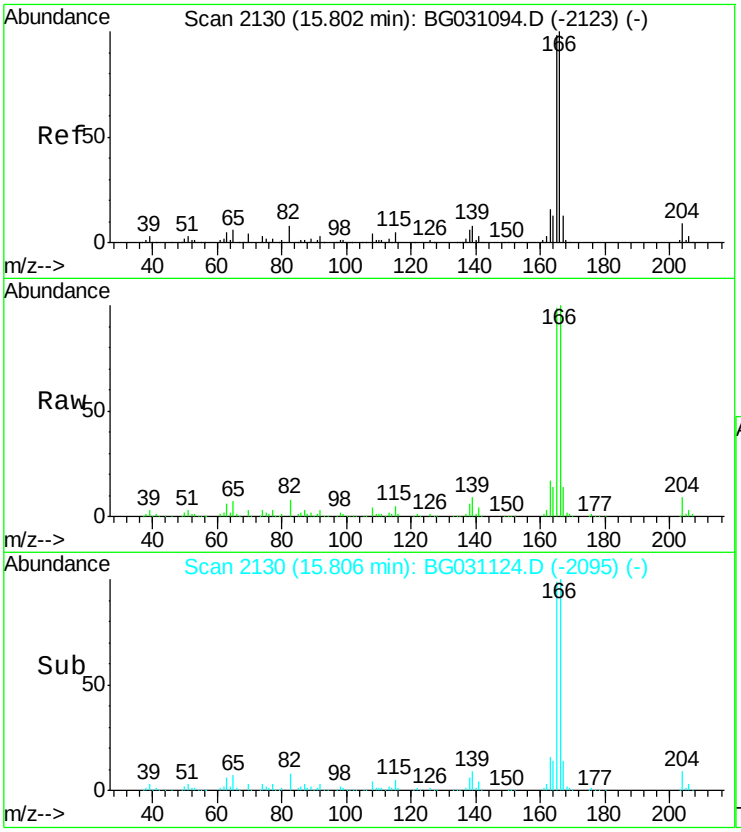


#9
Acenaphthene
Concen: 20.30 ng/ul
RT: 14.82 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Tgt Ion:153 Resp: 200176

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.9	56.9
154	89.8	71.6	107.4



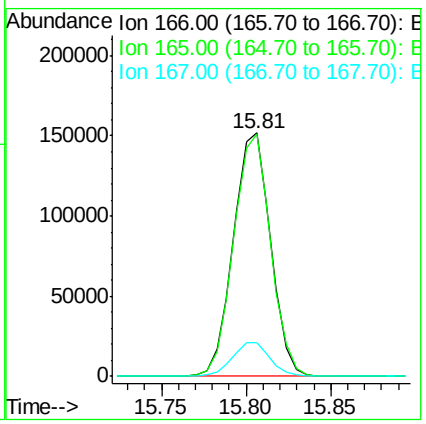


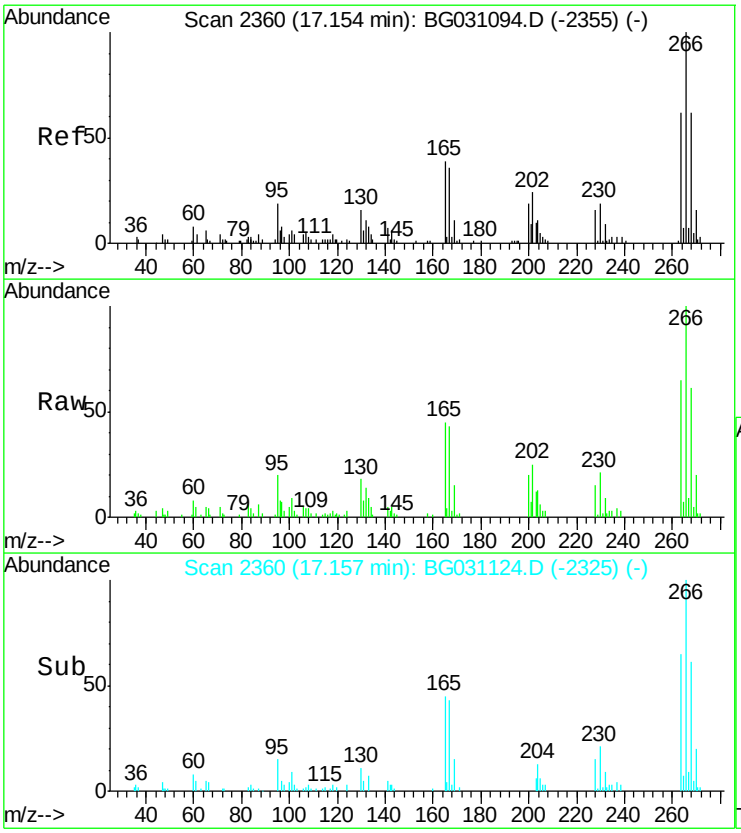
#11
Fluorene
Concen: 18.61 ng/ul
RT: 15.81 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Instrument :
BNA_G
ClientSampleId :
SSTD02067

Tgt Ion:166 Resp: 232418

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.0	120.0
167	13.9	11.6	17.4

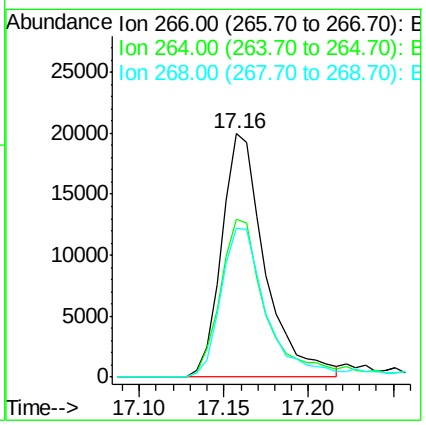


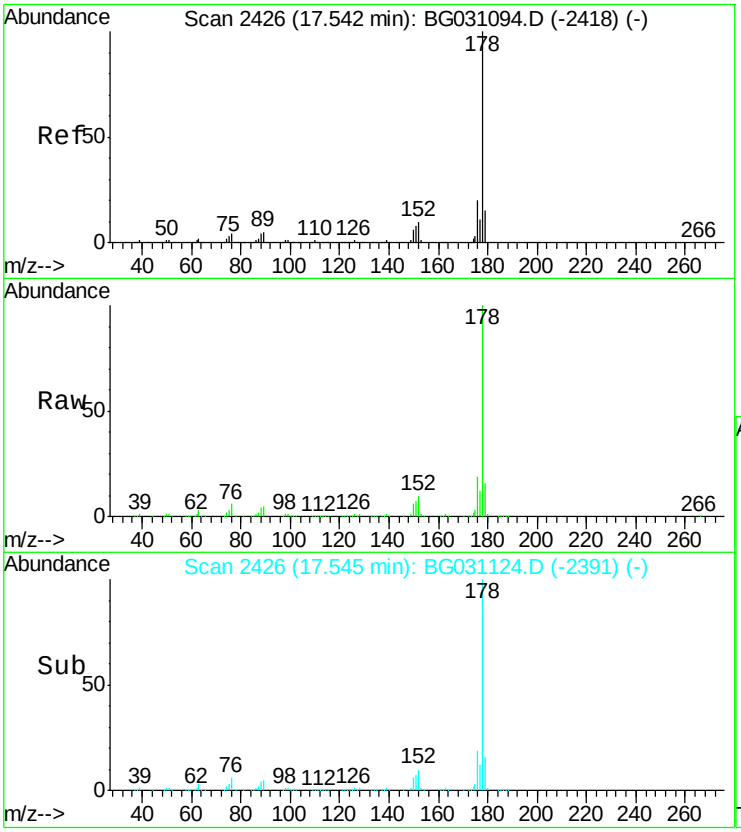


#13
Pentachlorophenol
Concen: 16.81 ng/uL
RT: 17.16 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Tgt Ion:266 Resp: 35700

Ion	Ratio	Lower	Upper
266	100		
264	64.8	52.0	78.0
268	61.2	51.2	76.8



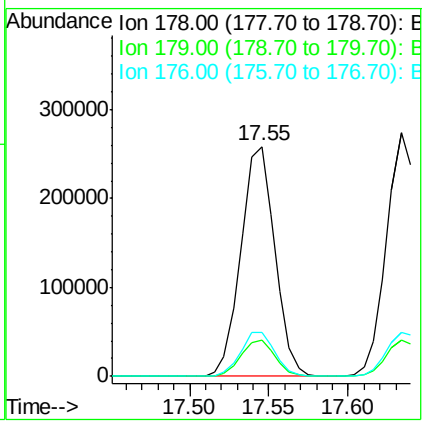


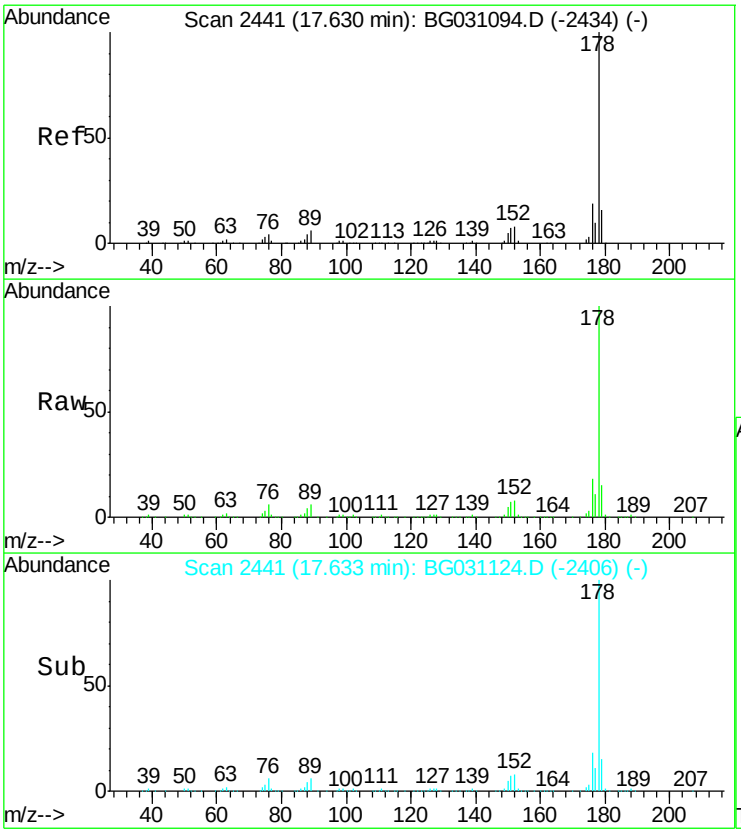
#14
Phenanthrene
Concen: 19.73 ng/ul
RT: 17.55 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Instrument :
BNA_G
ClientSampleId :
SSTD02067

Tgt Ion:178 Resp: 385456

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.2	16.4	24.6

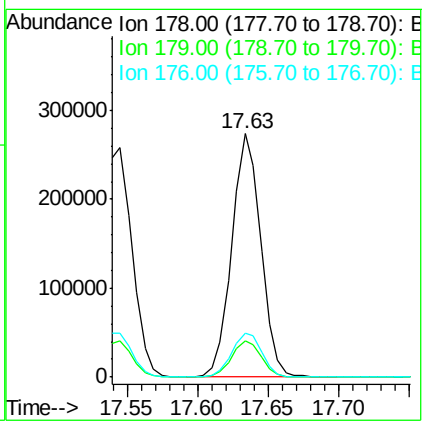


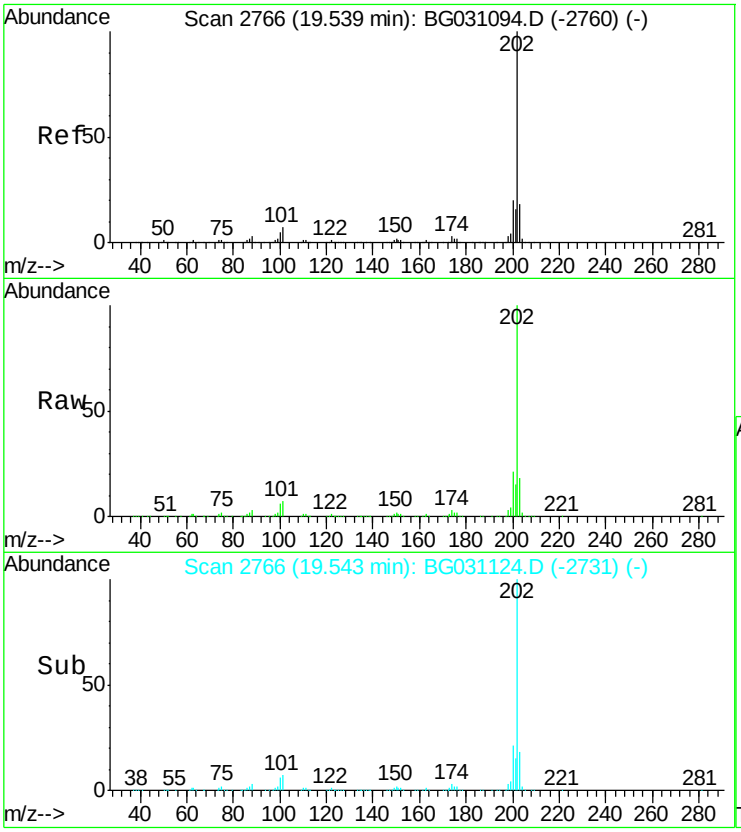


#16
Anthracene
Concen: 19.80 ng/ul
RT: 17.63 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Tgt Ion:178 Resp: 392784

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.7	19.1
176	18.2	15.8	23.8



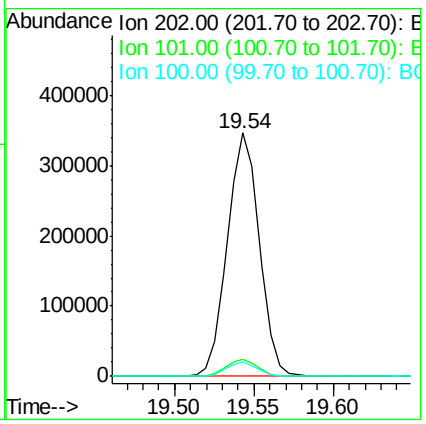


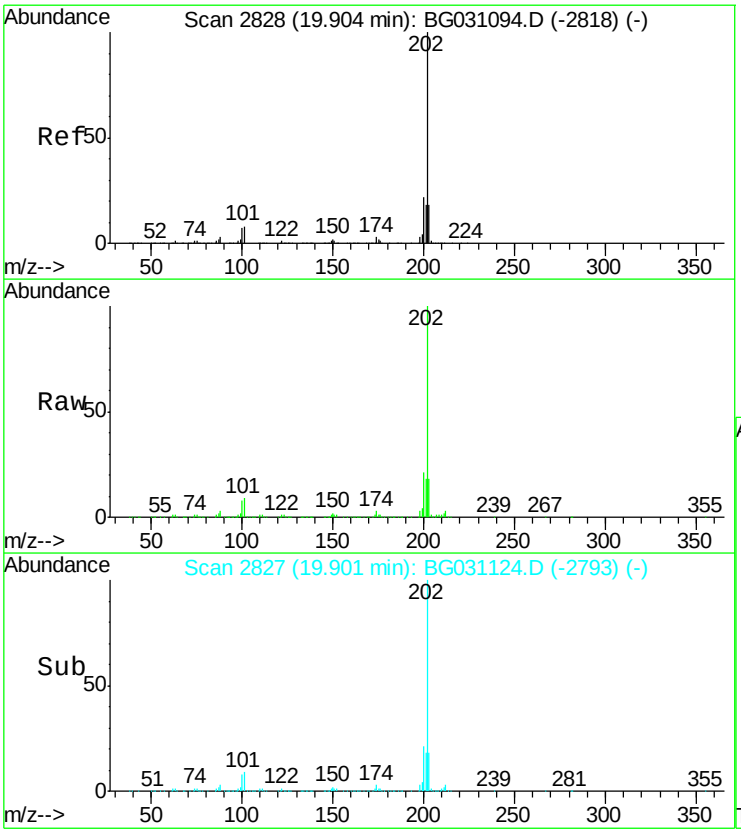
#17
Fluoranthene
Concen: 17.75 ng/ul
RT: 19.54 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Instrument :
BNA_G
ClientSampleId :
SSTD02067

Tgt Ion:202 Resp: 482527

Ion	Ratio	Lower	Upper
202	100		
101	7.1	9.8	14.8#
100	5.8	7.5	11.3#

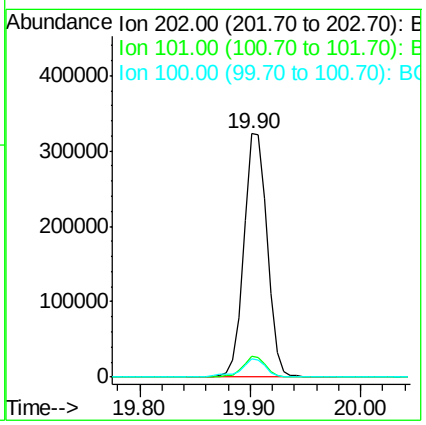


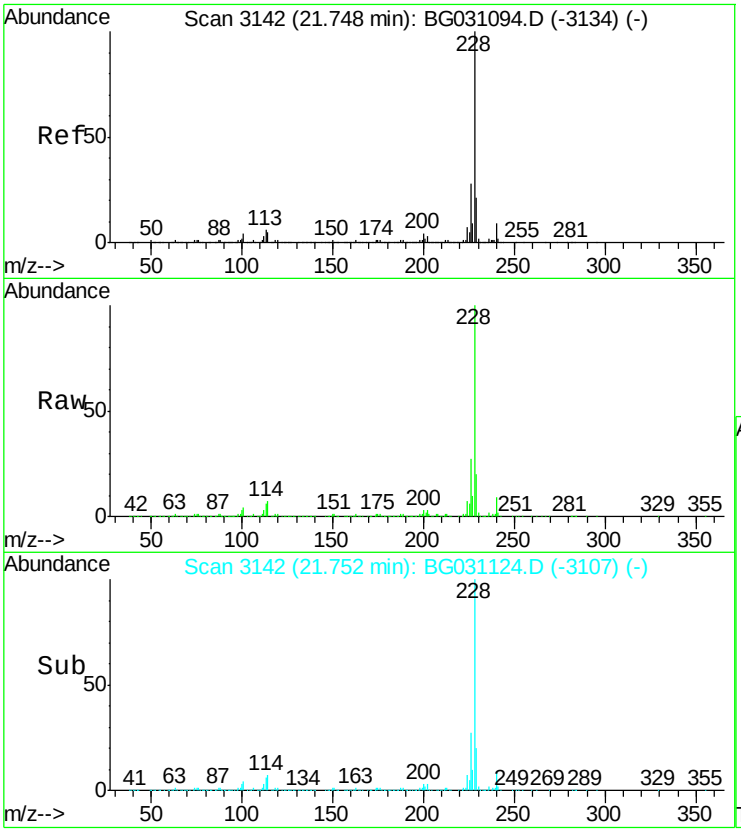


#20
Pyrene
Concen: 23.70 ng/ul
RT: 19.90 min Scan# 2827
Delta R.T. -0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Tgt Ion:202 Resp: 480519

Ion	Ratio	Lower	Upper
202	100		
101	8.6	11.2	16.8#
100	7.7	9.8	14.6#



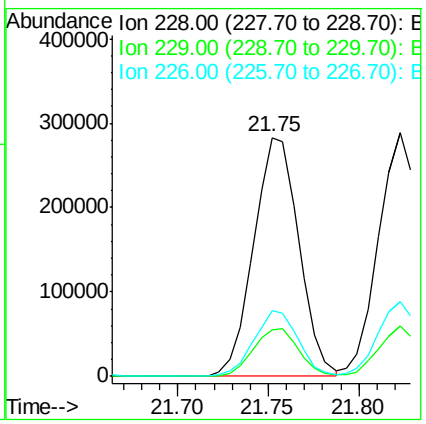


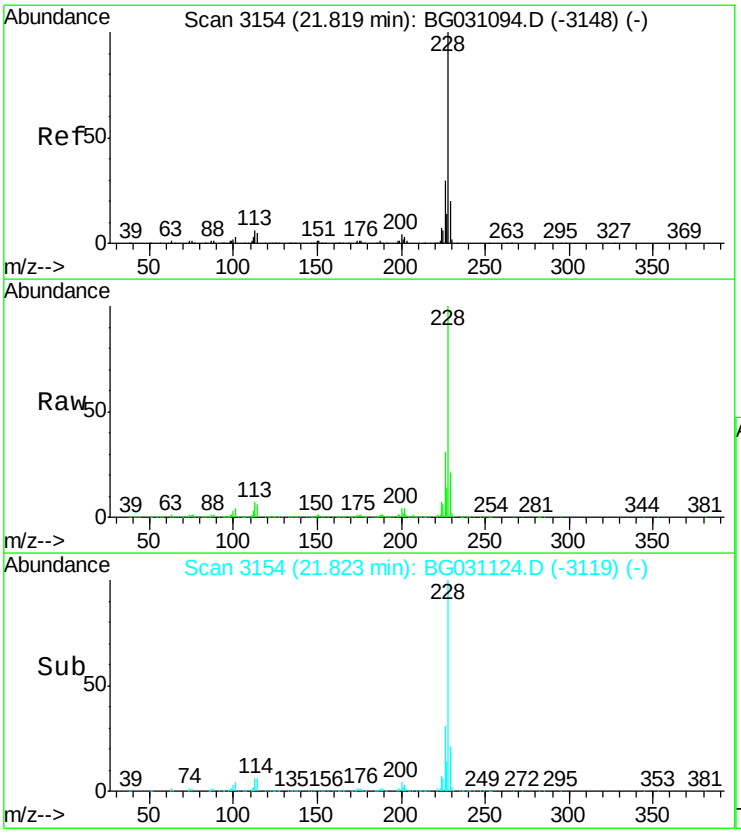
#21
Benzo(a)anthracene
Concen: 21.12 ng/ul
RT: 21.75 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Instrument :
BNA_G
ClientSampleId :
SSTD02067

Tgt Ion:228 Resp: 491466

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.9	23.9
226	27.4	22.1	33.1

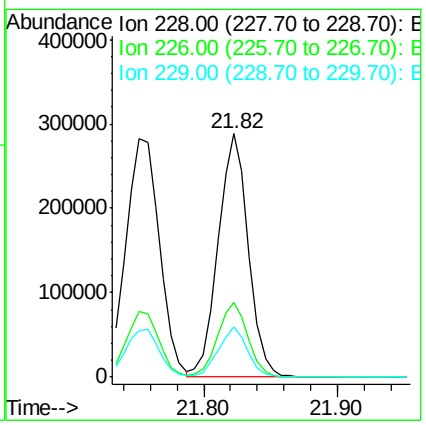


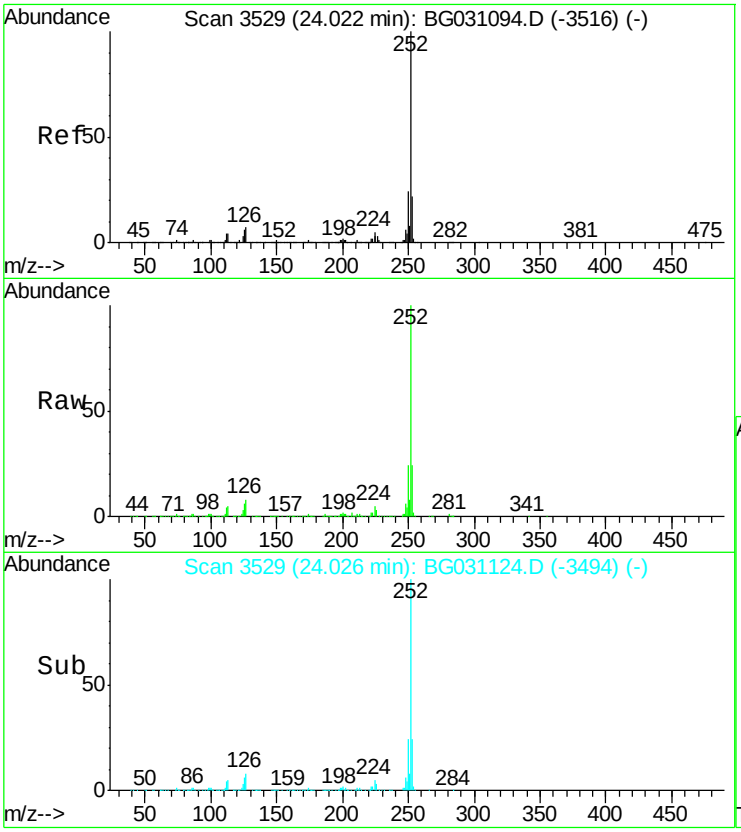


#22
Chrysene
Concen: 20.56 ng/ul
RT: 21.82 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Tgt Ion:228 Resp: 455032

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.6	16.6	25.0



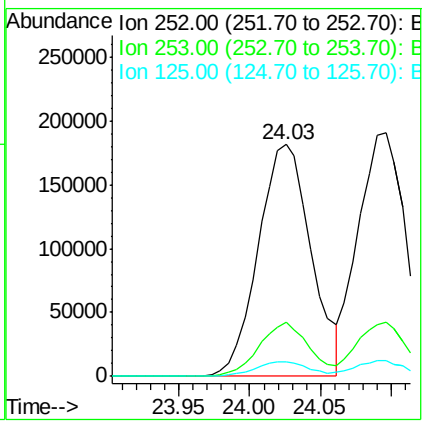


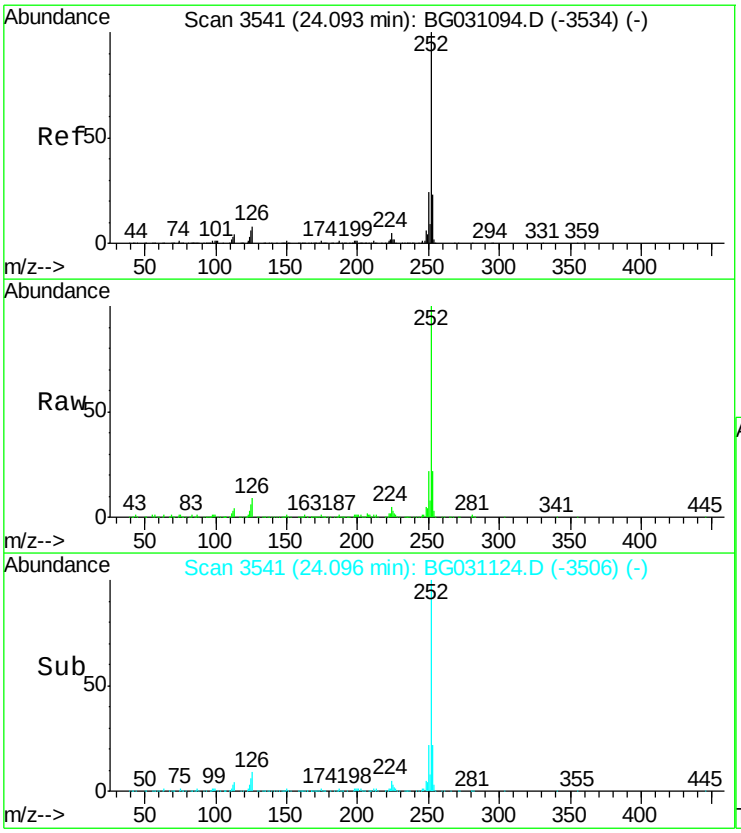
#24
Benzo(b)fluoranthene
Concen: 20.81 ng/ul
RT: 24.03 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Instrument :
BNA_G
ClientSampleId :
SSTD02067

Tgt Ion:252 Resp: 474179

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	6.3	9.4	14.0#

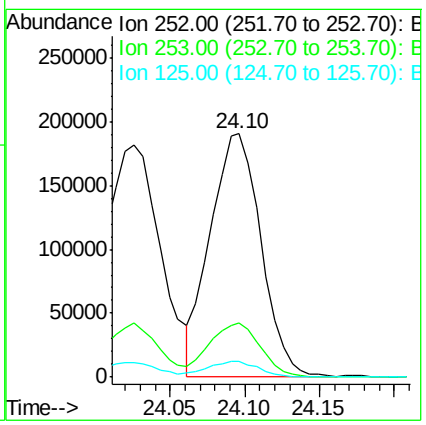


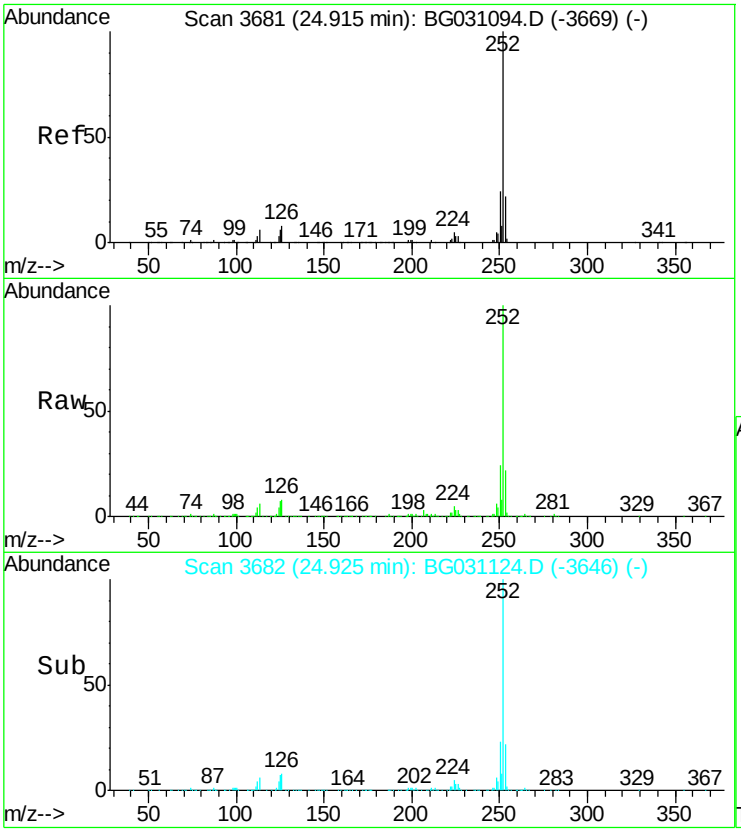


#25
Benzo(k)fluoranthene
Concen: 20.06 ng/ul
RT: 24.10 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Tgt Ion:252 Resp: 450337

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	6.5	8.8	13.2#



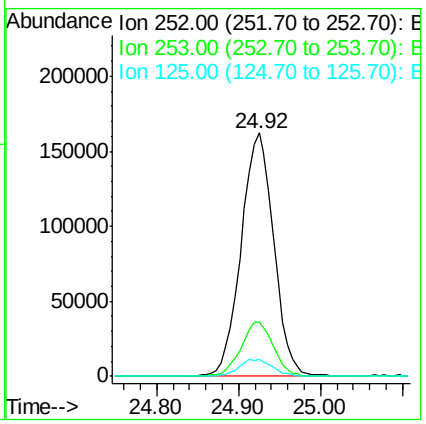


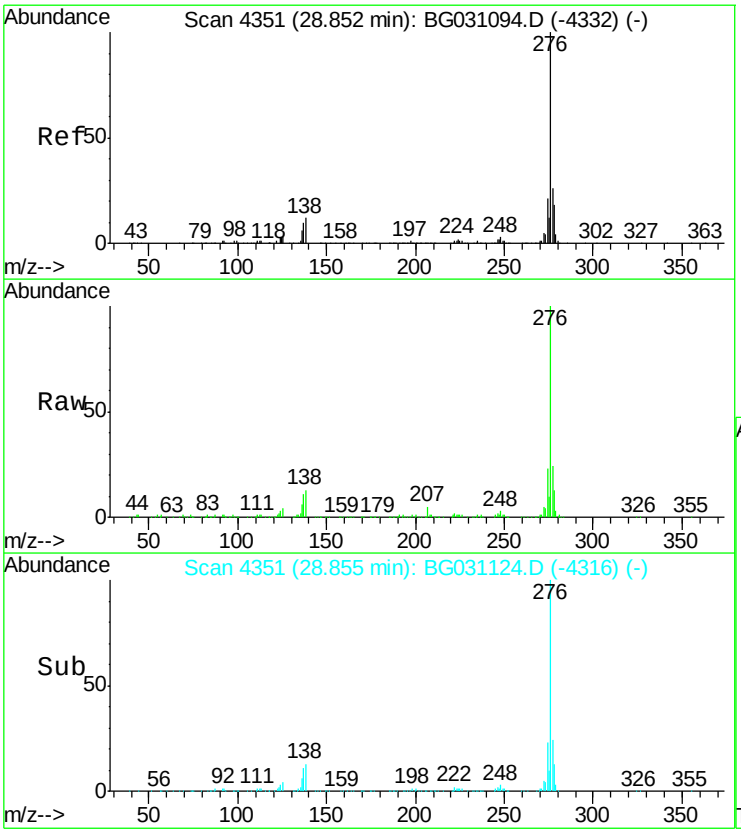
#27
Benzo(a)pyrene
Concen: 20.49 ng/ul
RT: 24.92 min Scan# 3682
Delta R.T. 0.01 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Instrument :
BNA_G
ClientSampleId :
SSTD02067

Tgt Ion:252 Resp: 447397

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	7.3	9.4	14.2#

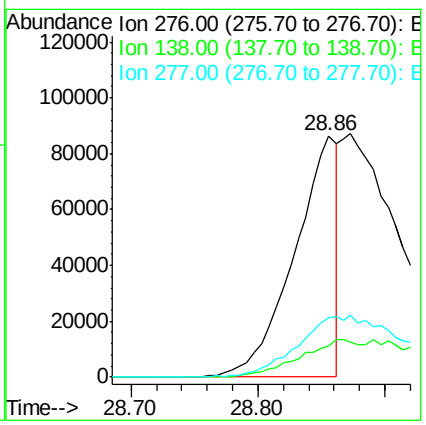


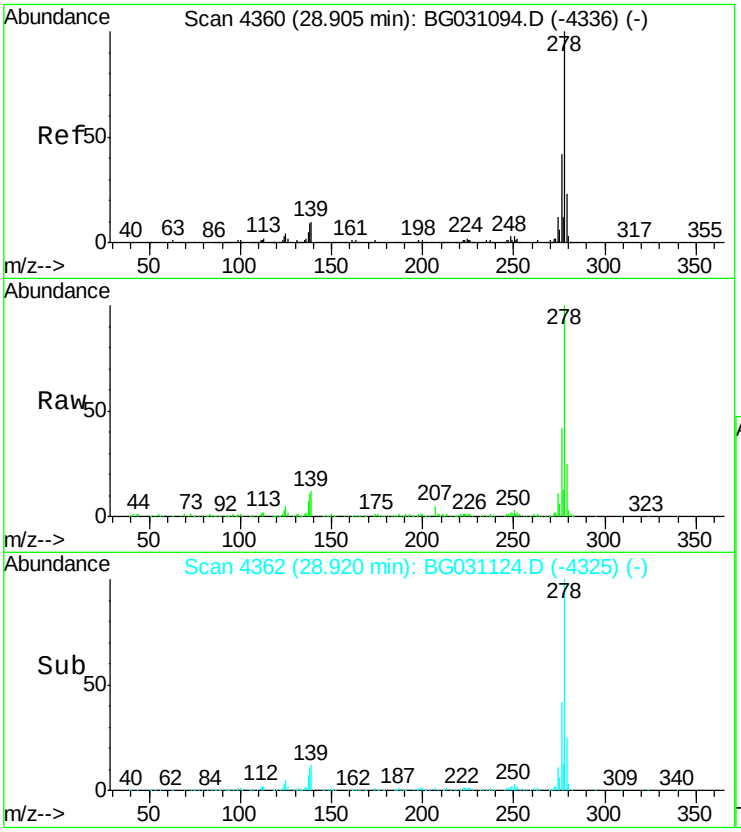


#28
Indeno(1,2,3-cd)pyrene
Concen: 8.16 ng/ul
RT: 28.86 min Scan# 4351
Delta R.T. 0.00 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Tgt Ion:276 Resp: 203218

Ion	Ratio	Lower	Upper
276	100		
138	12.9	17.8	26.6#
277	24.3	19.4	29.0



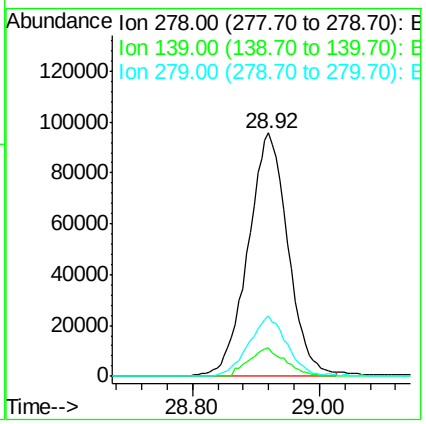


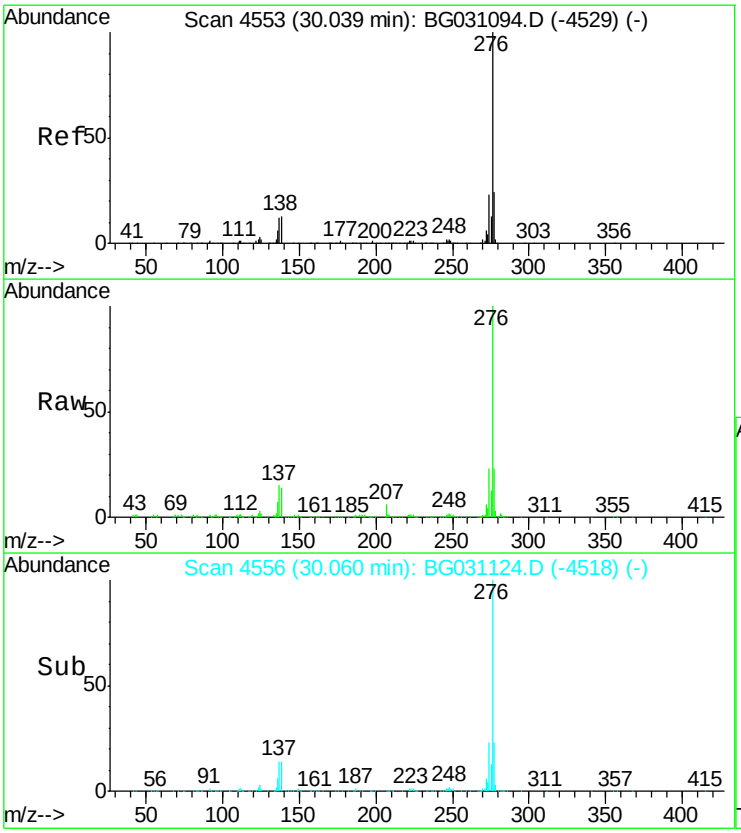
#29
Dibenzo(a,h)anthracene
Concen: 20.24 ng/ul
RT: 28.92 min Scan# 4362
Delta R.T. 0.02 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Instrument :
BNA_G
ClientSampleId :
SSTD02067

Tgt Ion:278 Resp: 417278

Ion	Ratio	Lower	Upper
278	100		
139	11.5	14.0	21.0#
279	24.9	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 19.55 ng/ul
RT: 30.06 min Scan# 4556
Delta R.T. 0.02 min
Lab File: BG031124.D
Acq: 18 Nov 2017 17:43

Tgt Ion:276 Resp: 405181

Ion	Ratio	Lower	Upper
276	100		
138	13.9	19.0	28.4#
277	23.3	19.7	29.5