Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
Data File : BG031140.D
Acq On : 20 Nov 2017 21:00
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02069

Quant Time: Nov 21 05:45:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 05:01:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	56516	20.00	ng/ul	0.00
2) Naphthalene-d8	10.96	136	267997	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	178594	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	421001	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	438259	20.00	ng/ul	-0.01
23) Perylene-d12	25.07	264	440621	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	96964	19.18	ng/uL	0.00
7) Acenaphthylene-d8	14.46	160	382757	20.61	ng/ul	0.00
10) Fluorene-d10	15.74	176	277729	18.62	ng/ul	0.00
15) Anthracene-d10	17.60	188	417771	19.83	ng/ul	0.00
19) Pyrene-d10	19.87	212	465301	23.24	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	436163	20.01	ng/ul	-0.03
Target Compounds						Qvalue
4) Naphthalene	11.00	128	261369	20.37	ng/ul	98
5) 2-Methylnaphthalene	12.60	142	204120	19.28	ng/ul	97
8) Acenaphthylene	14.48	152	344384	21.17	ng/ul	98
9) Acenaphthene	14.82	153	238713	20.34	ng/ul	100
11) Fluorene	15.80	166	273506	18.40	ng/ul	98
13) Pentachlorophenol	17.16	266	39559	16.11	ng/uL	98
14) Phenanthrene	17.54	178	447987	19.83	ng/ul	100
16) Anthracene	17.64	178	463131	20.19	ng/ul	99
17) Fluoranthene	19.54	202	544356	17.31	ng/ul#	89
20) Pyrene	19.90	202	539615	23.20	ng/ul#	88
21) Benzo(a)anthracene	21.75	228	555224	20.79	ng/ul	99
22) Chrysene	21.82	228	521437	20.53	ng/ul	98
24) Benzo(b)fluoranthene	24.02	252	535753	20.12	ng/ul#	96
25) Benzo(k)fluoranthene	24.09	252	543652	20.73	ng/ul#	95
27) Benzo(a)pyrene	24.92	252	526009	20.61	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	28.87	276	593837	20.42	ng/ul#	95
29) Dibenzo(a,h)anthracene	28.91	278	502009	20.85	ng/ul#	92

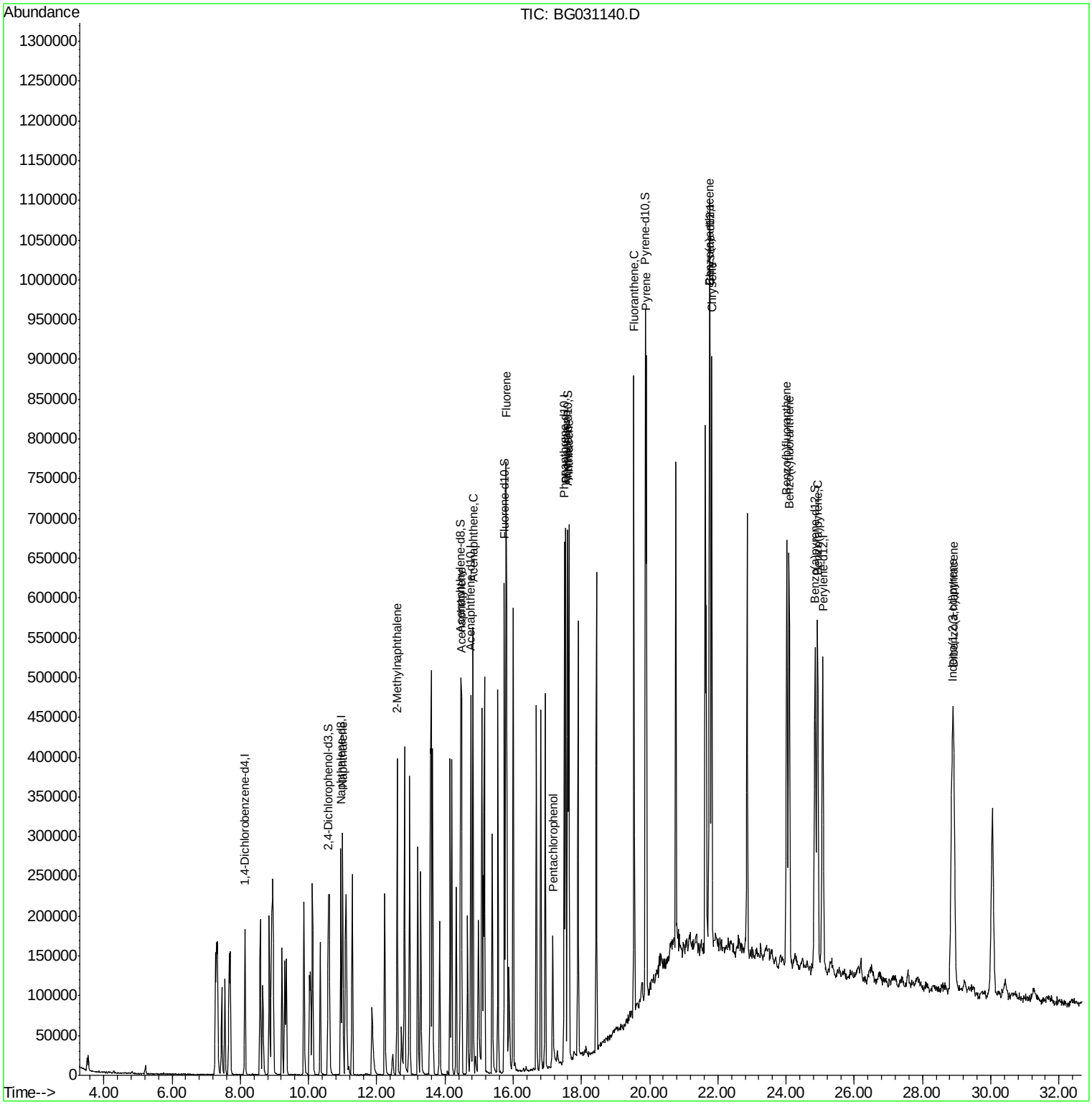
(#) = qualifier out of range (m) = manual integration (+) = signals summed

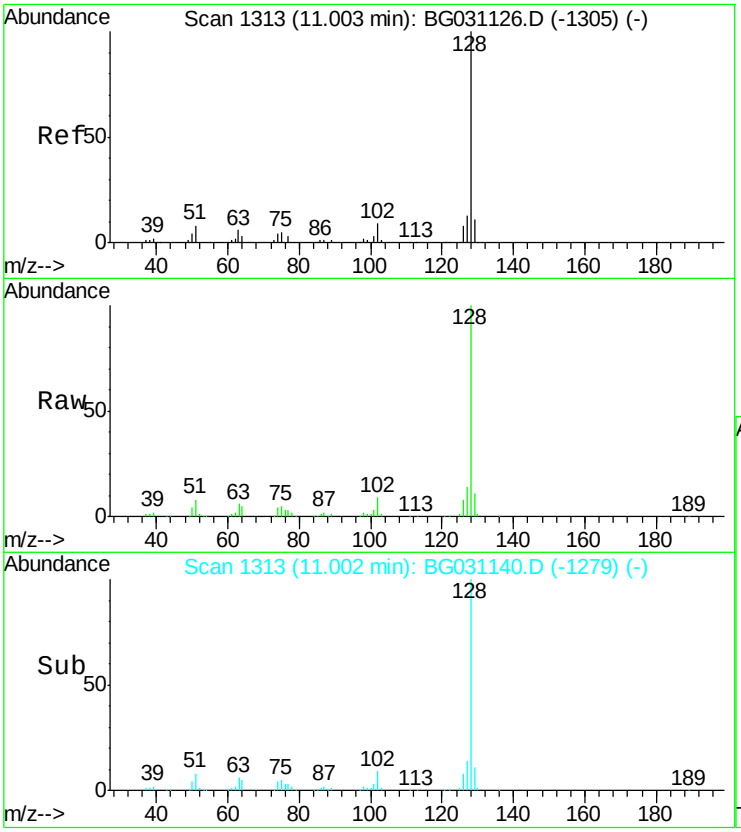
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
Data File : BG031140.D
Acq On : 20 Nov 2017 21:00
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02069

Quant Time: Nov 21 05:45:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 05:01:30 2017
Response via : Initial Calibration



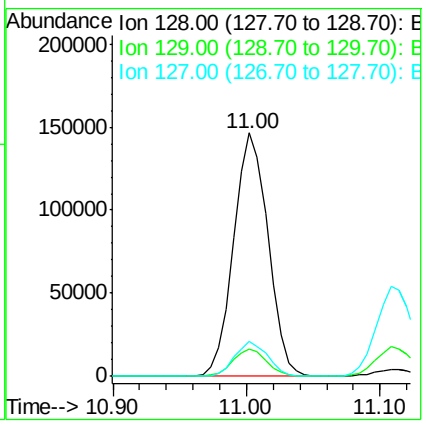


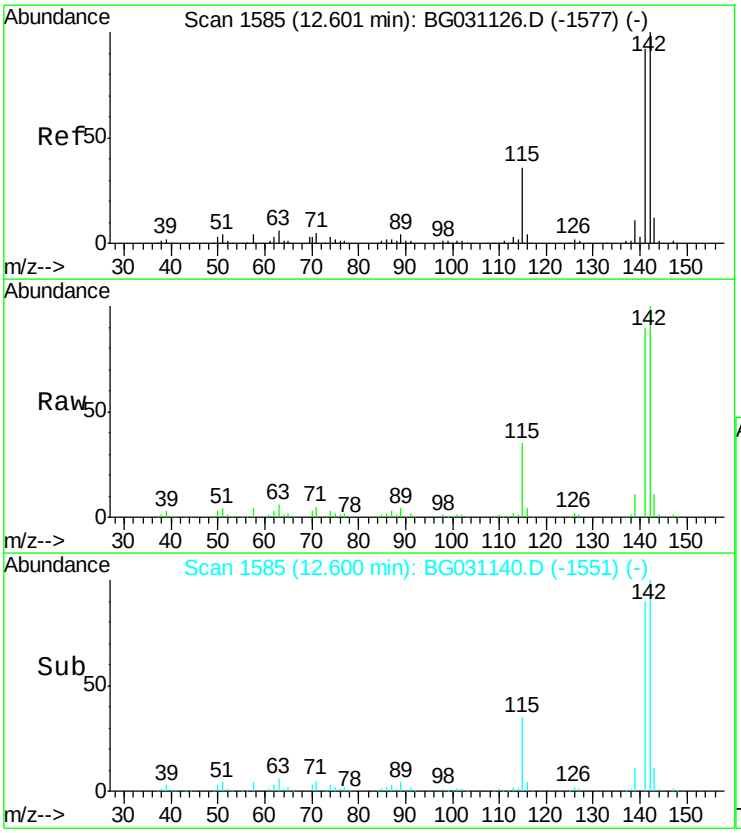
#4
Naphthalene
Concen: 20.37 ng/ul
RT: 11.00 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Instrument :
BNA_G
ClientSampleId :
SSTD02069

Tgt Ion:128 Resp: 261369

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	14.2	10.6	15.8

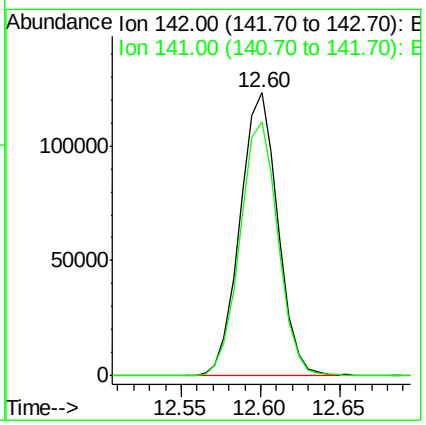


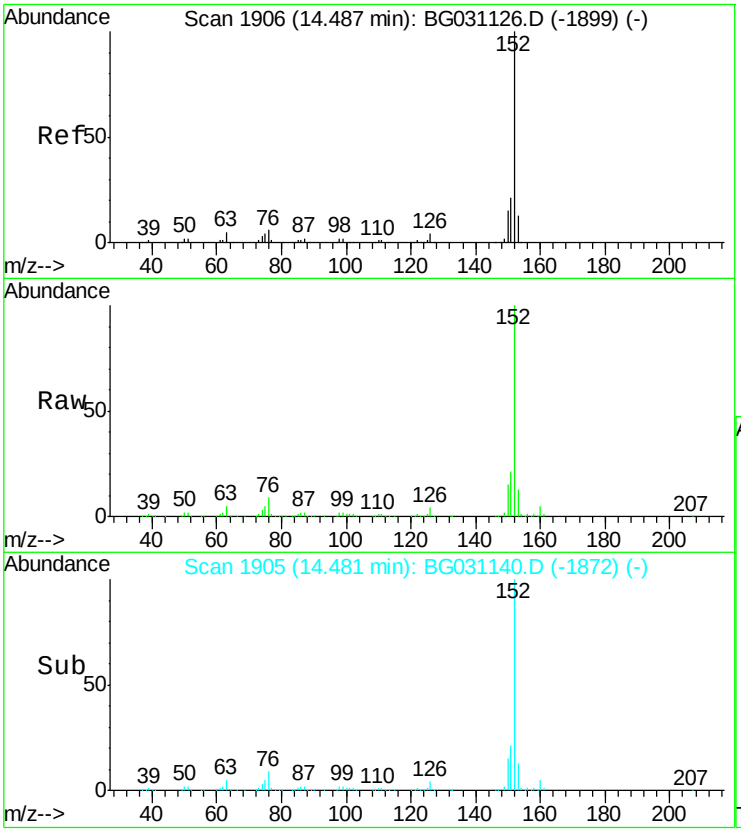


#5
2-Methylnaphthalene
Concen: 19.28 ng/ul
RT: 12.60 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Tgt Ion:142 Resp: 204120

Ion	Ratio	Lower	Upper
142	100		
141	89.8	69.8	104.8



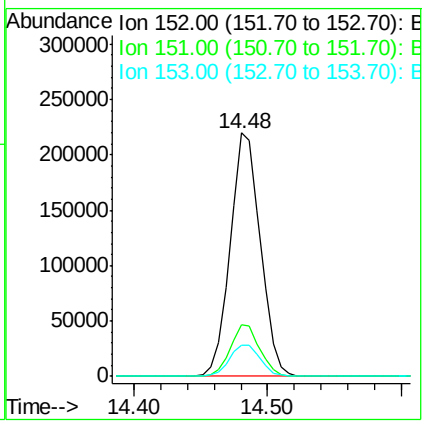


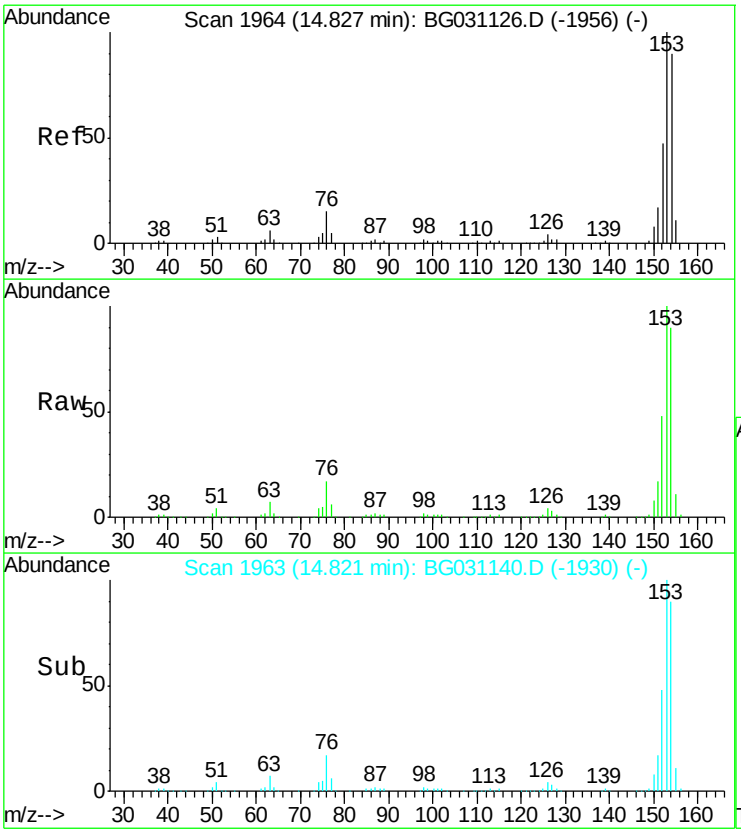
#8
Acenaphthylene
Concen: 21.17 ng/ul
RT: 14.48 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Instrument :
BNA_G
ClientSampleId :
SSTD02069

Tgt Ion:152 Resp: 344384

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.5	26.3
153	12.7	10.6	16.0

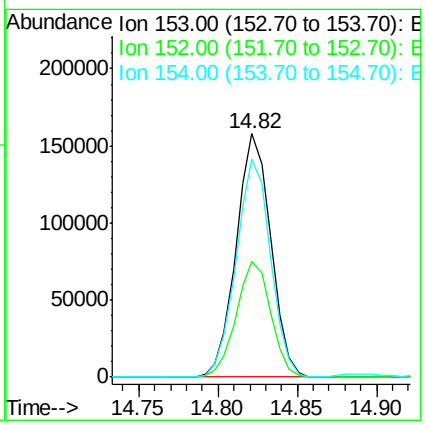


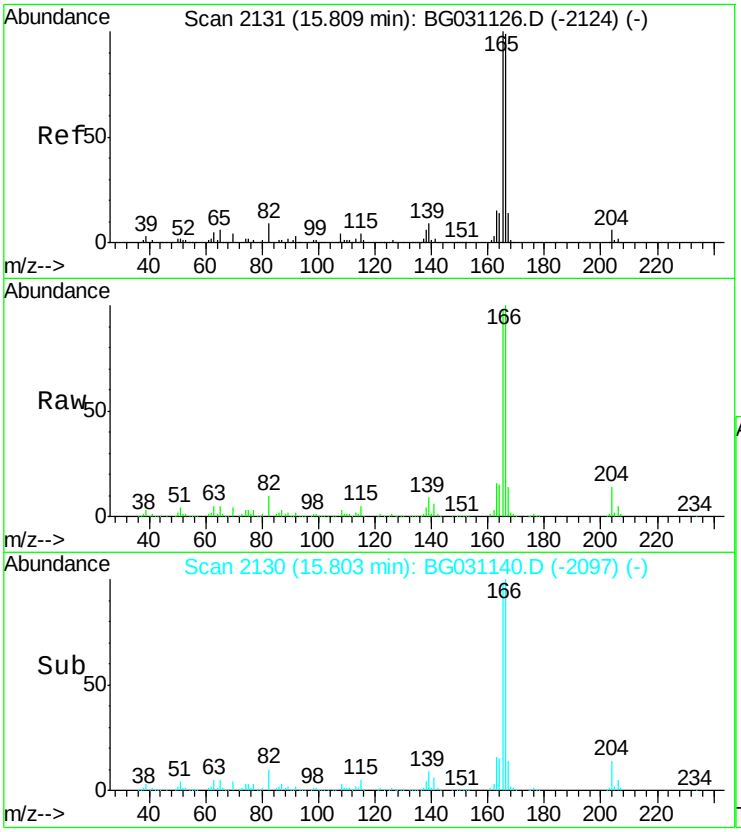


#9
Acenaphthene
Concen: 20.34 ng/ul
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Tgt Ion:153 Resp: 238713

Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.9	56.9
154	89.8	71.6	107.4



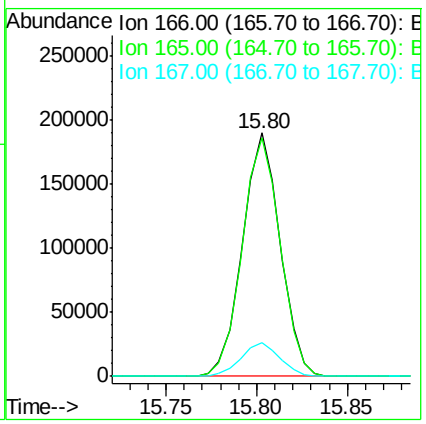


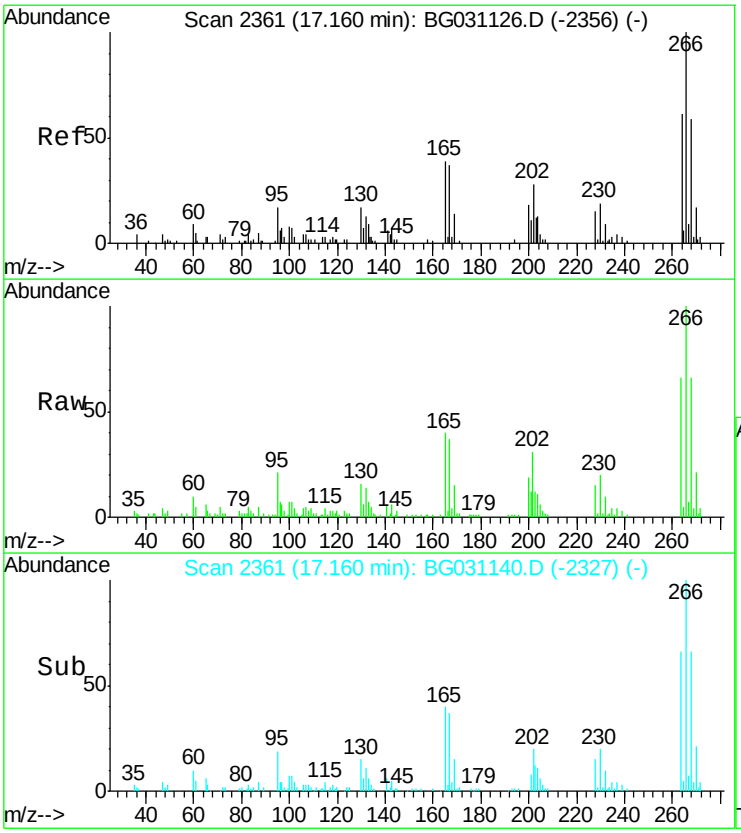
#11
Fluorene
Concen: 18.40 ng/ul
RT: 15.80 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Instrument :
BNA_G
ClientSampleId :
SSTD02069

Tgt Ion:166 Resp: 273506

Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.0	120.0
167	13.9	11.6	17.4

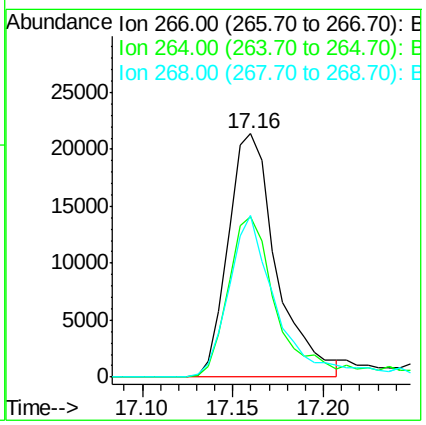


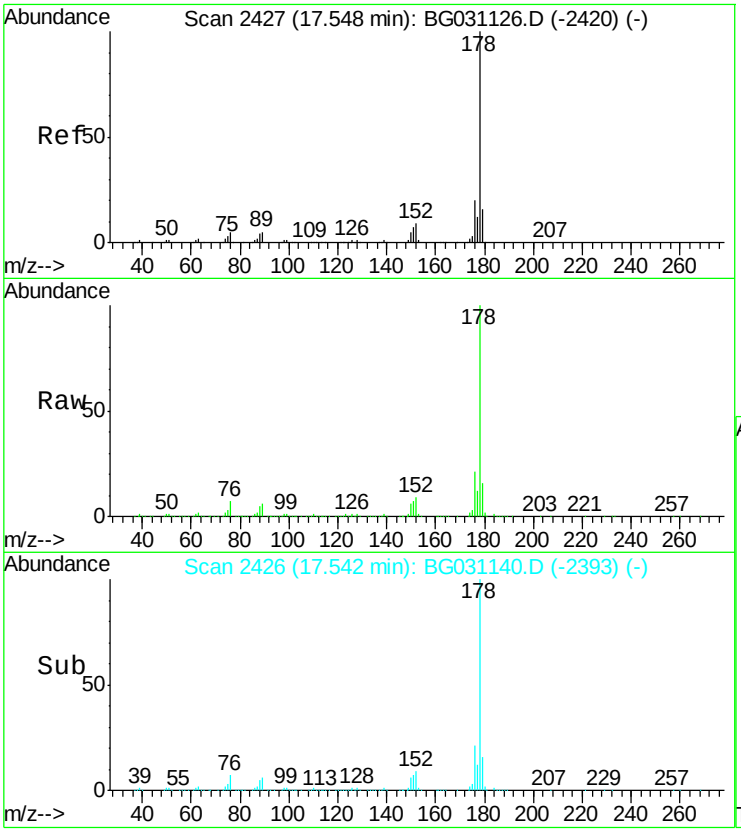


#13
Pentachlorophenol
Concen: 16.11 ng/uL
RT: 17.16 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Tgt Ion:266 Resp: 39559

Ion	Ratio	Lower	Upper
266	100		
264	65.8	52.0	78.0
268	66.5	51.2	76.8



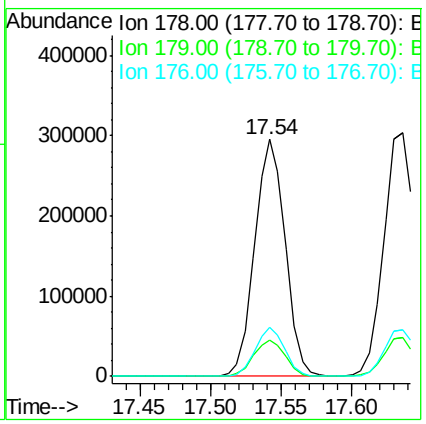


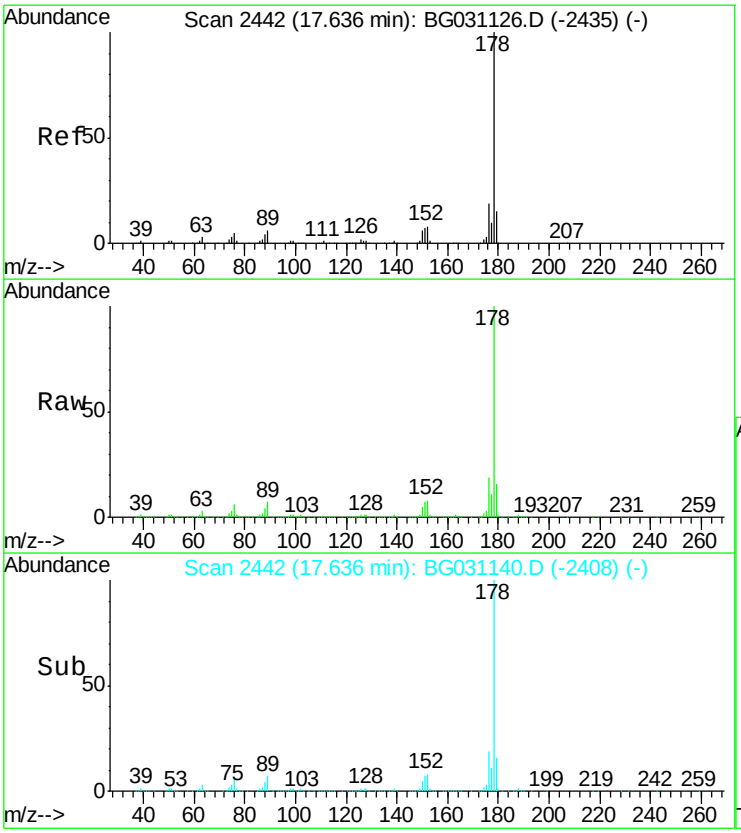
#14
Phenanthrene
Concen: 19.83 ng/ul
RT: 17.54 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Instrument :
BNA_G
ClientSampleId :
SSTD02069

Tgt Ion:178 Resp: 447987

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	20.6	16.4	24.6

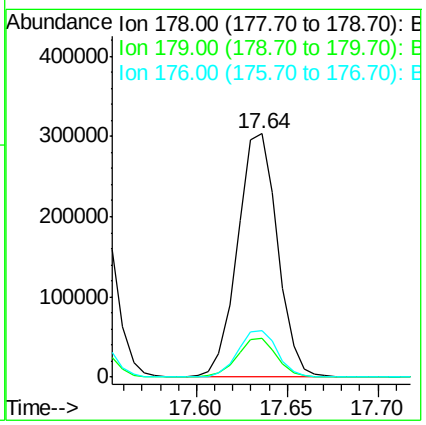


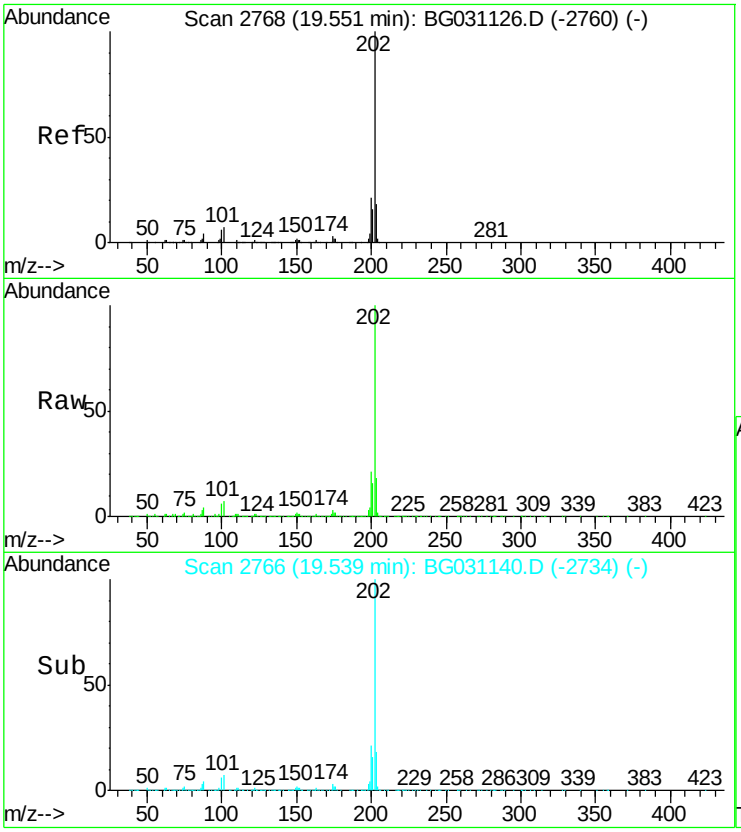


#16
Anthracene
Concen: 20.19 ng/ul
RT: 17.64 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Tgt Ion:178 Resp: 463131

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.7	19.1
176	19.3	15.8	23.8



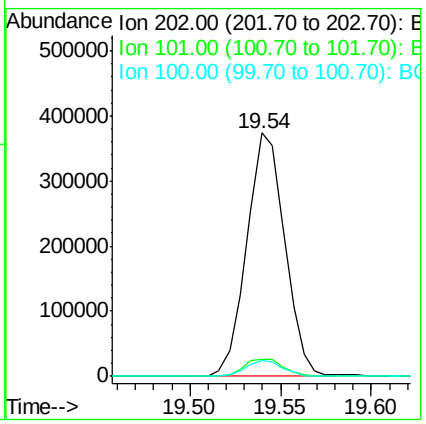


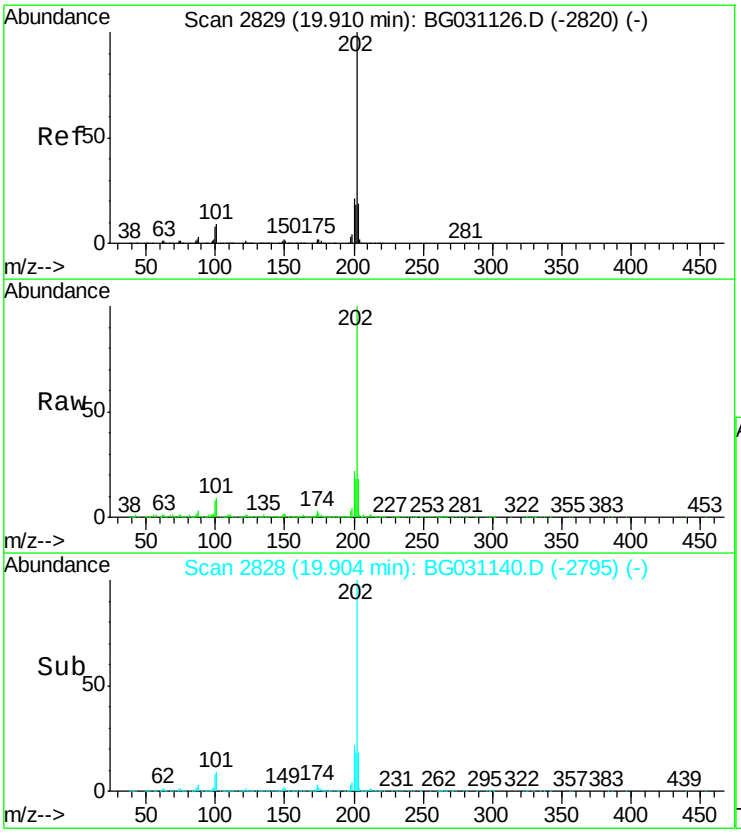
#17
Fluoranthene
Concen: 17.31 ng/ul
RT: 19.54 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Instrument :
BNA_G
ClientSampleId :
SSTD02069

Tgt Ion:202 Resp: 544356

Ion	Ratio	Lower	Upper
202	100		
101	7.3	9.8	14.8#
100	6.4	7.5	11.3#

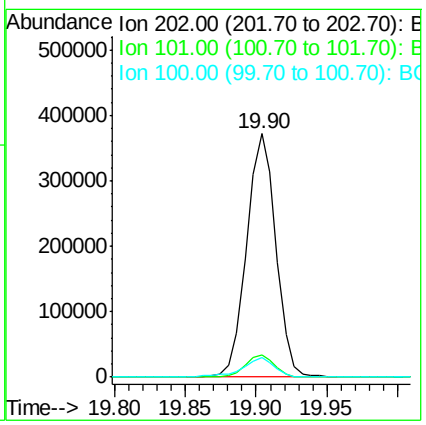


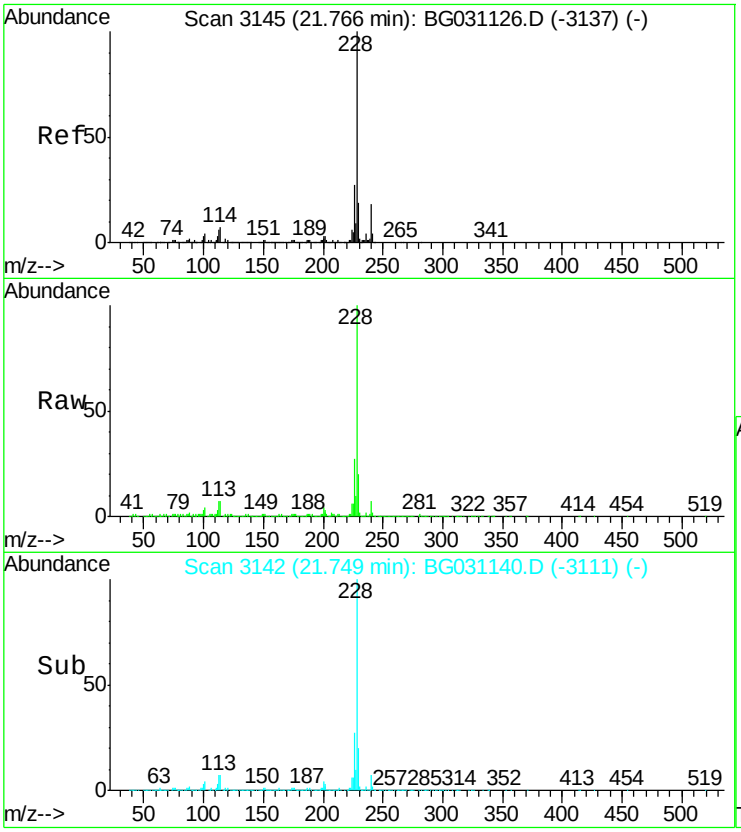


#20
Pyrene
Concen: 23.20 ng/ul
RT: 19.90 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Tgt Ion:202 Resp: 539615

Ion	Ratio	Lower	Upper
202	100		
101	8.9	11.2	16.8#
100	8.0	9.8	14.6#



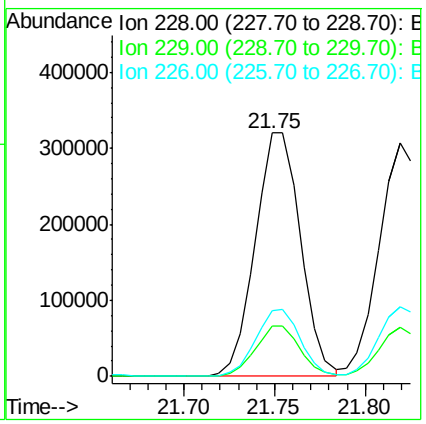


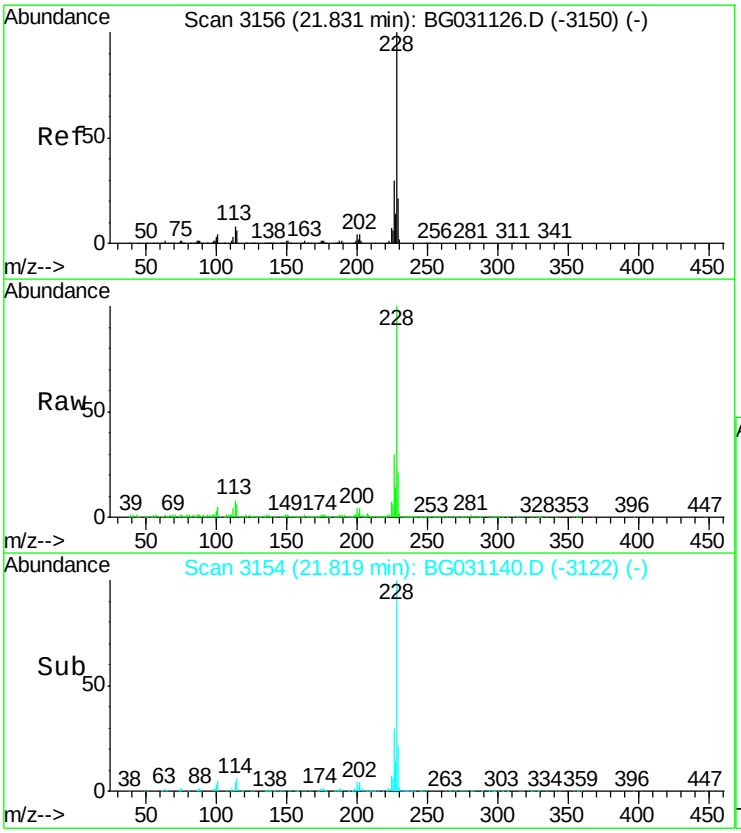
#21
Benzo(a)anthracene
Concen: 20.79 ng/ul
RT: 21.75 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Instrument :
BNA_G
ClientSampleId :
SSTD02069

Tgt Ion:228 Resp: 555224

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	27.2	22.1	33.1

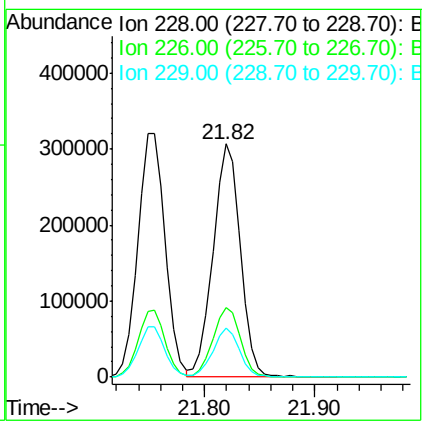


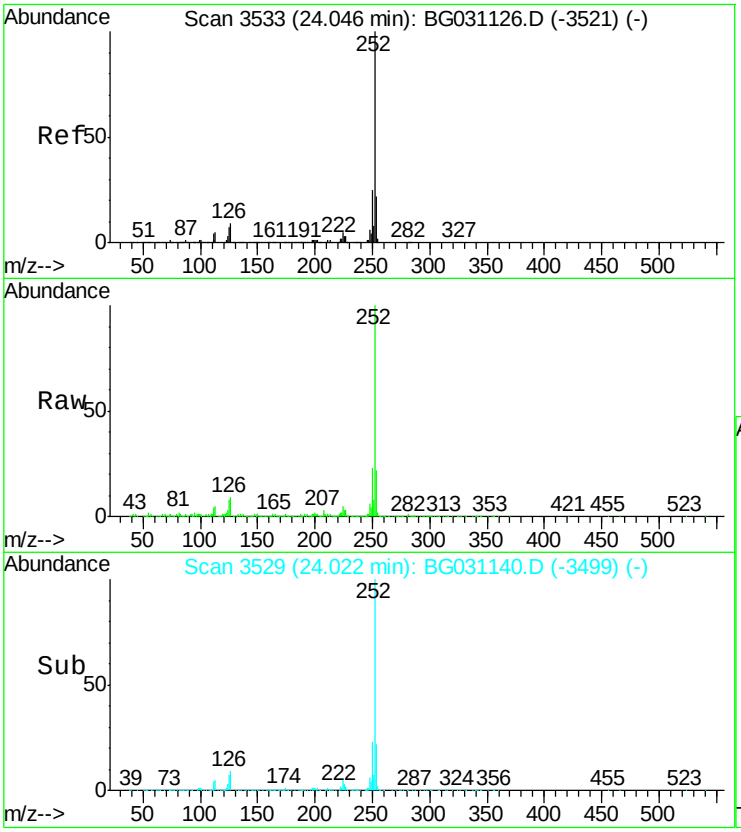


#22
Chrysene
Concen: 20.53 ng/ul
RT: 21.82 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Tgt Ion:228 Resp: 521437

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	20.9	16.6	25.0



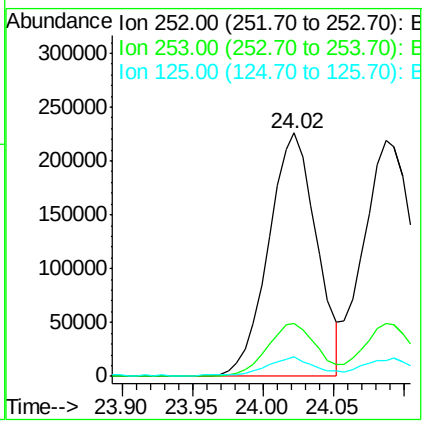


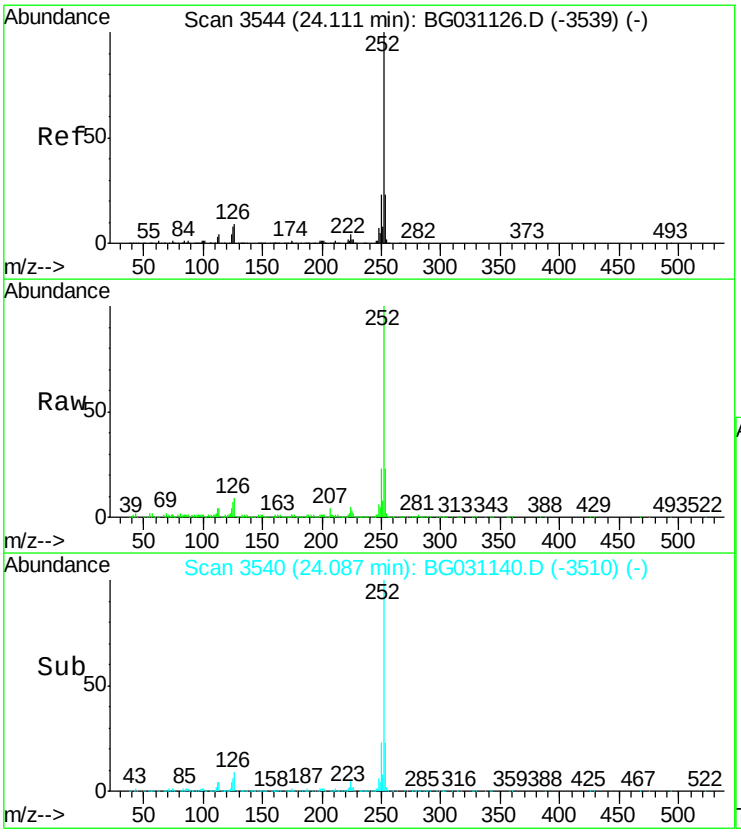
#24
Benzo(b)fluoranthene
Concen: 20.12 ng/ul
RT: 24.02 min Scan# 3529
Delta R.T. -0.02 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Instrument :
BNA_G
ClientSampleId :
SSTD02069

Tgt Ion:252 Resp: 535753

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	7.8	9.4	14.0#

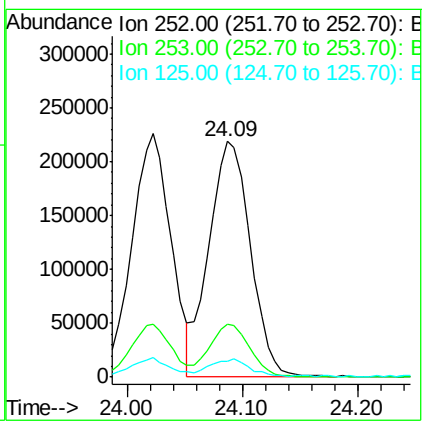


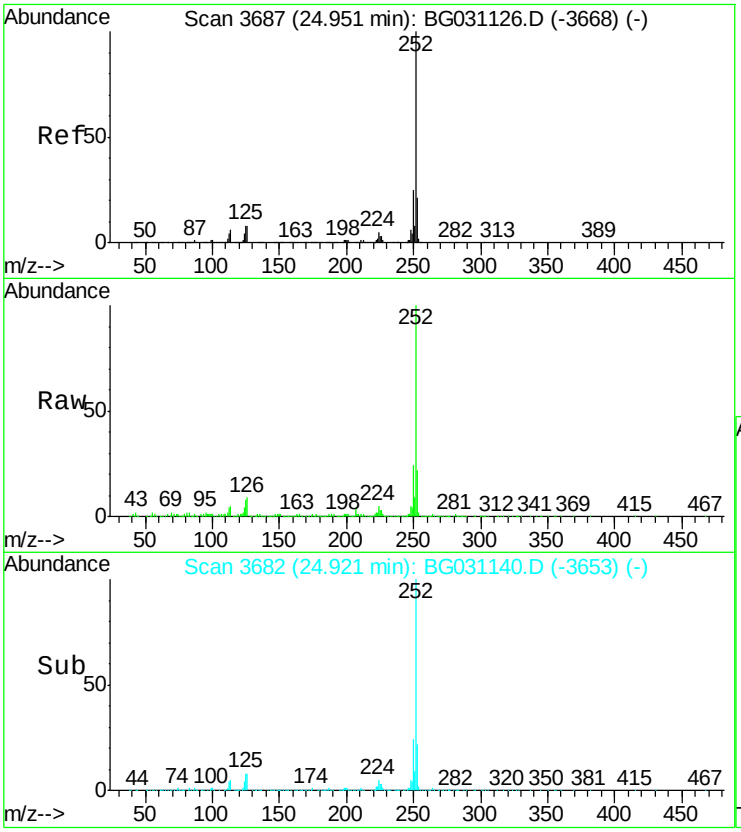


#25
Benzo(k)fluoranthene
Concen: 20.73 ng/ul
RT: 24.09 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Tgt Ion:252 Resp: 543652

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	6.8	8.8	13.2#



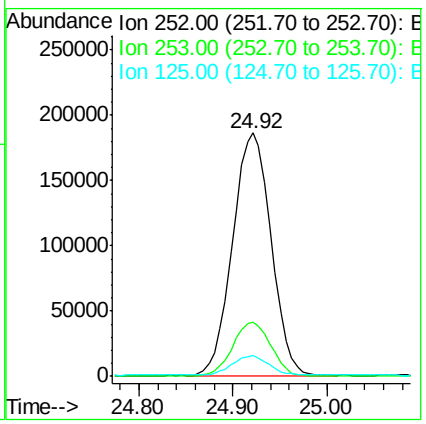


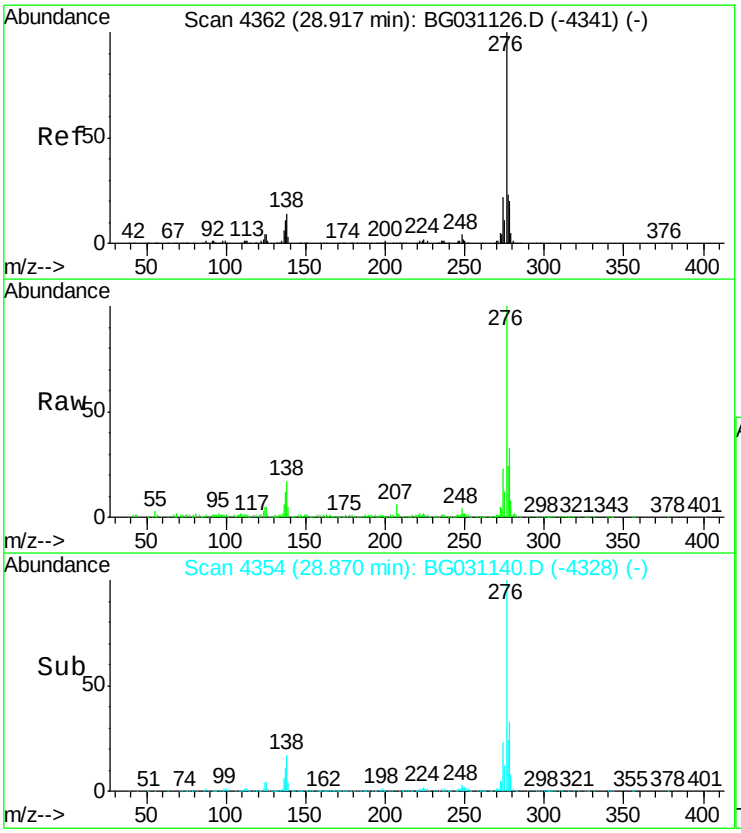
#27
Benzo(a)pyrene
Concen: 20.61 ng/ul
RT: 24.92 min Scan# 3682
Delta R.T. -0.03 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Instrument :
BNA_G
ClientSampleId :
SSTD02069

Tgt Ion:252 Resp: 526009

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	8.4	9.4	14.2#

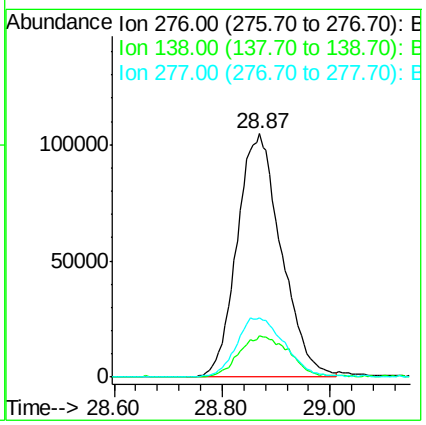


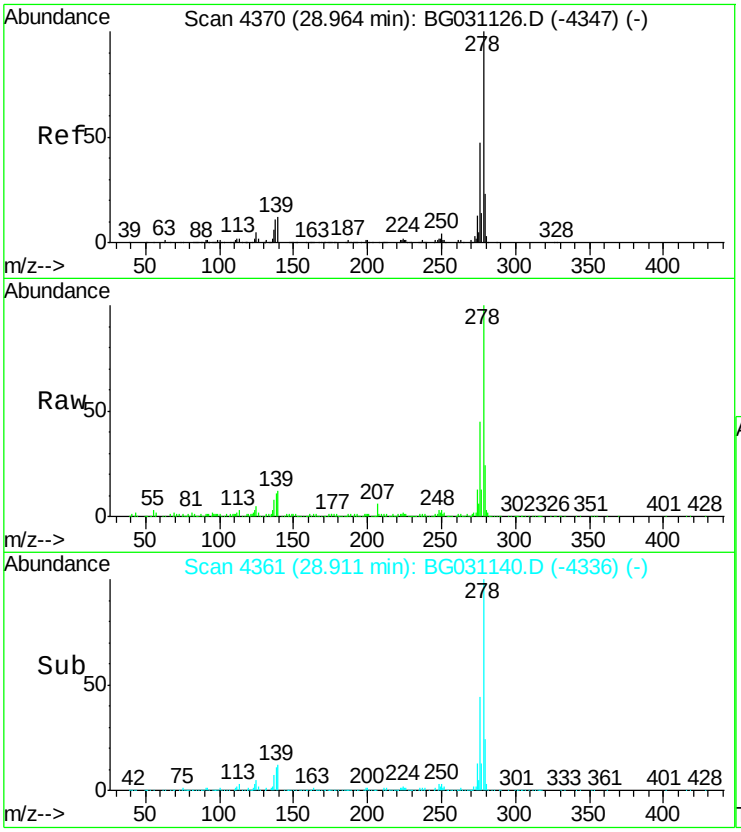


#28
Indeno(1,2,3-cd)pyrene
Concen: 20.42 ng/ul
RT: 28.87 min Scan# 4354
Delta R.T. -0.05 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Tgt Ion:276 Resp: 593837

Ion	Ratio	Lower	Upper
276	100		
138	17.1	17.8	26.6#
277	24.3	19.4	29.0





#29
Dibenzo(a,h)anthracene
Concen: 20.85 ng/ul
RT: 28.91 min Scan# 4361
Delta R.T. -0.05 min
Lab File: BG031140.D
Acq: 20 Nov 2017 21:00

Instrument :
BNA_G
ClientSampleId :
SSTD02069

Tgt Ion:278 Resp: 502009

Ion	Ratio	Lower	Upper
278	100		
139	11.8	14.0	21.0#
279	23.9	20.6	31.0