Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030617\
Data File : BG026078.D
Acq On : 6 Mar 2017 16:29
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02002

Quant Time: Mar 15 05:43:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 05:41:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	136234	20.00	ng/ul	0.00
2) Naphthalene-d8	10.87	136	585197	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.67	164	378953	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.40	188	765564	20.00	ng/ul	0.00
18) Chrysene-d12	21.65	240	774166	20.00	ng/ul	0.00
23) Perylene-d12	24.84	264	764332	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.49	165	173538	20.02	ng/uL	0.00
7) Acenaphthylene-d8	14.37	160	666703	20.63	ng/ul	0.00
10) Fluorene-d10	15.66	176	484528	20.56	ng/ul	0.00
15) Anthracene-d10	17.50	188	720994	21.19	ng/ul	0.00
19) Pyrene-d10	19.77	212	815948	20.65	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.62	264	693379	21.03	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.92	128	589942	20.61	ng/ul	99
5) 2-Methylnaphthalene	12.52	142	438379	20.65	ng/ul	99
8) Acenaphthylene	14.40	152	665211	20.16	ng/ul	98
9) Acenaphthene	14.74	153	466897	20.02	ng/ul	100
11) Fluorene	15.71	166	538088	20.44	ng/ul	100
13) Pentachlorophenol	17.06	265	4748	16.61	ng/uL	89
14) Phenanthrene	17.44	178	844594	20.82	ng/ul	98
16) Anthracene	17.53	178	854185	20.84	ng/ul	99
17) Fluoranthene	19.44	202	985558	23.40	ng/ul	99
20) Pyrene	19.80	202	1006037	20.41	ng/ul	99
21) Benzo(a)anthracene	21.63	228	902936	20.96	ng/ul	97
22) Chrysene	21.69	228	877554	21.83	ng/ul	99
24) Benzo(b)fluoranthene	23.83	252	910191	20.97	ng/ul	99
25) Benzo(k)fluoranthene	23.90	252	851339	20.55	ng/ul	99
27) Benzo(a)pyrene	24.69	252	860536	21.34	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.47	276	932247	20.75	ng/ul	99
29) Dibenzo(a,h)anthracene	28.53	278	742093	21.01	ng/ul	99
30) Benzo(g,h,i)perylene	29.61	276	799981	20.88	ng/ul	100

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

Quantitation Report (Not Reviewed)

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Acq On : 6 Mar 2017 16:29
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Quant Title : SVOA CALIBRATION
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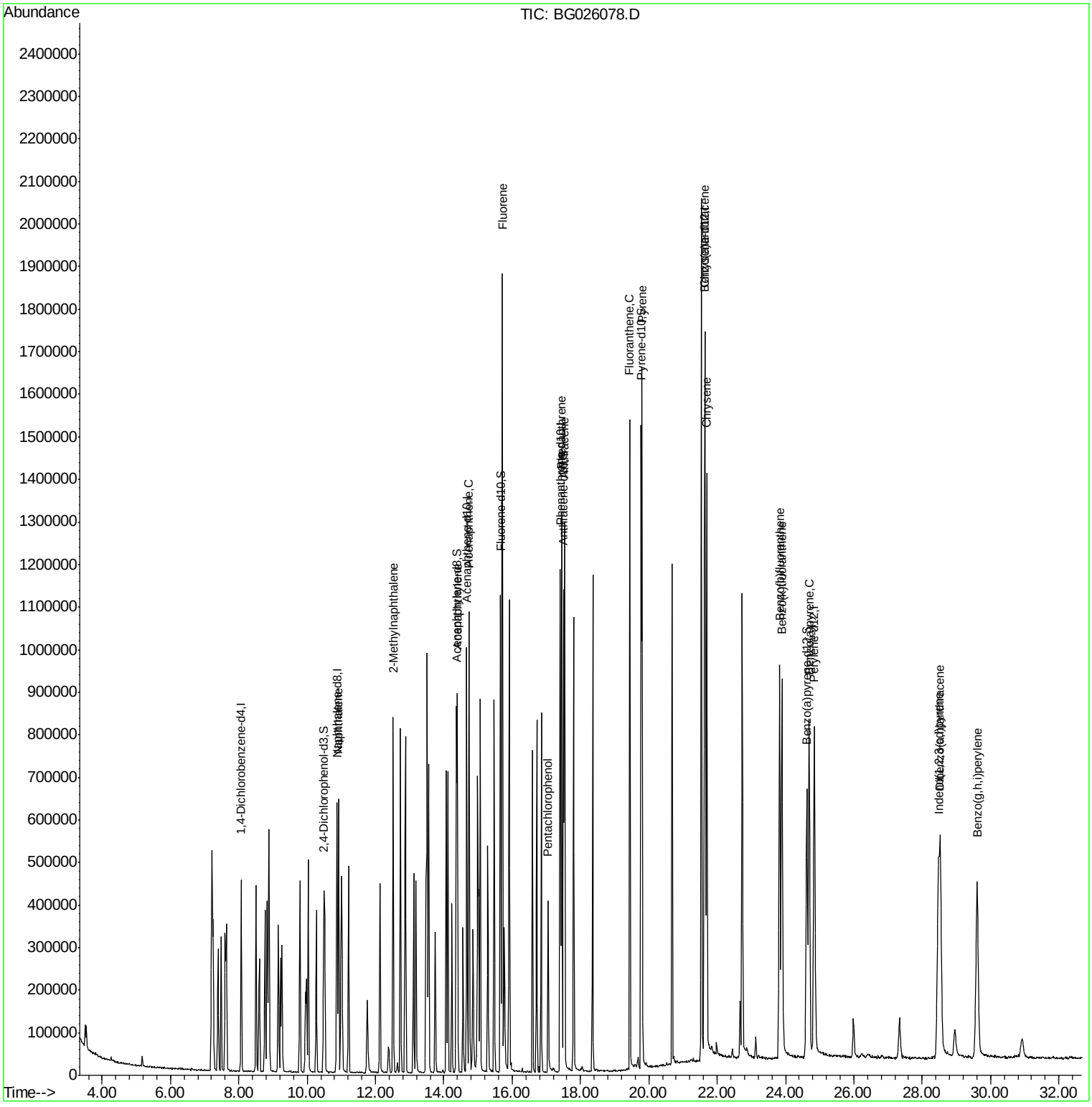
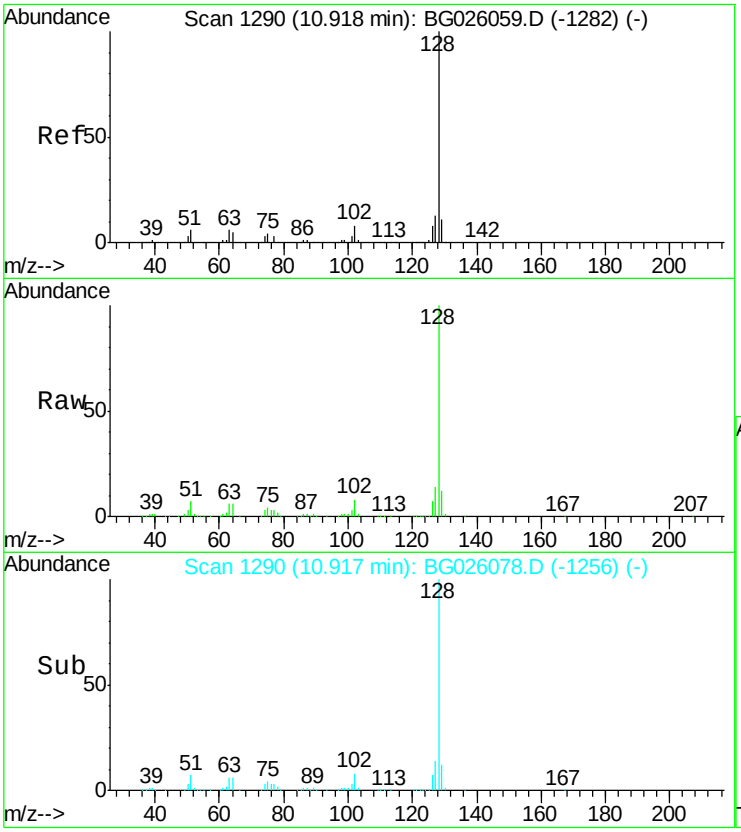


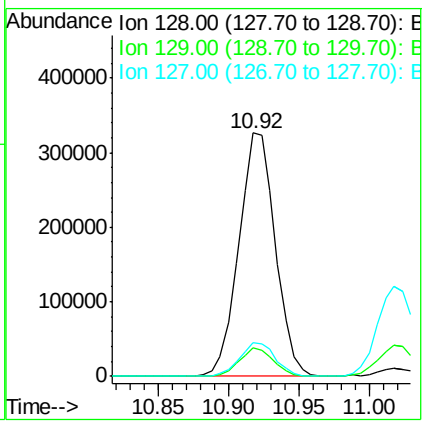


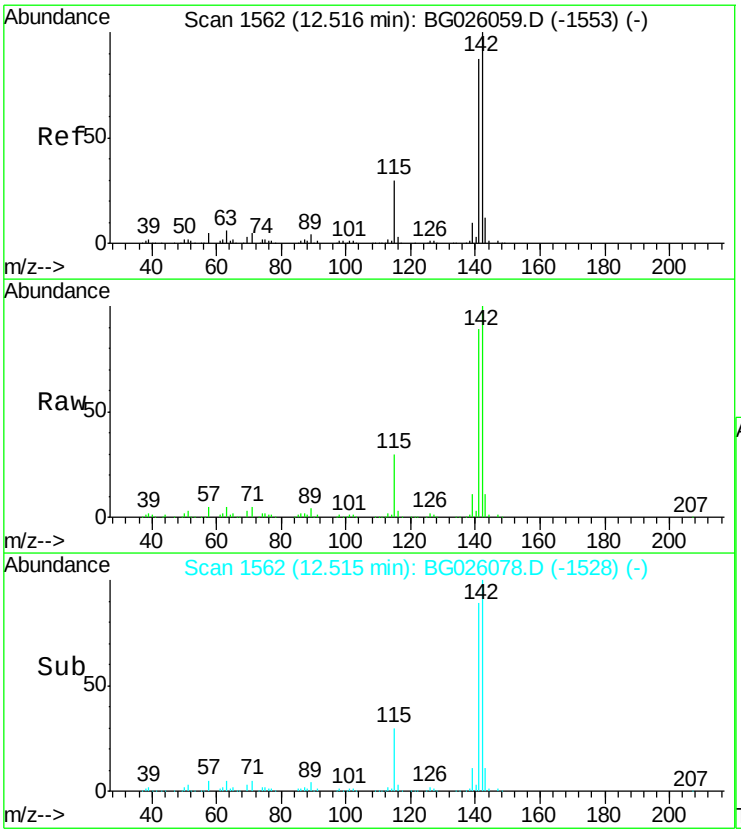
#4
Naphthalene
Concen: 20.61 ng/ul
RT: 10.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Instrument :
BNA_G
ClientSampleId :
SSTD02002

Tgt Ion:128 Resp: 589942

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	14.0	10.6	15.8

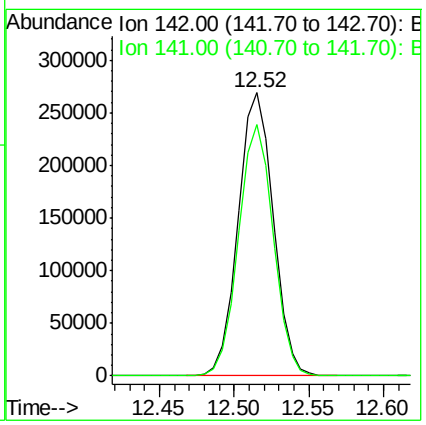


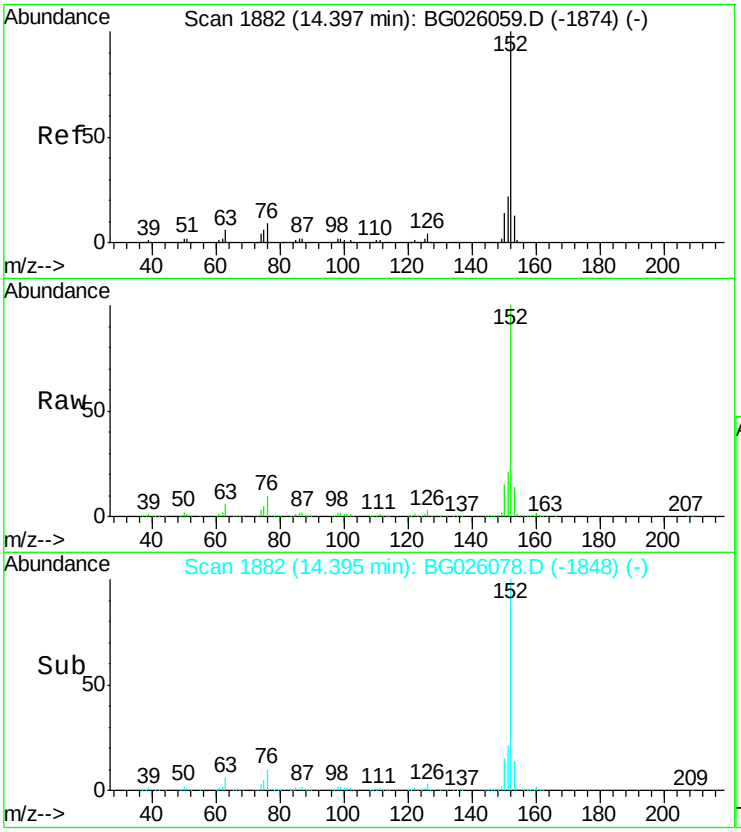


#5
2-Methylnaphthalene
Concen: 20.65 ng/ul
RT: 12.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Tgt Ion:142 Resp: 438379

Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.8	104.8



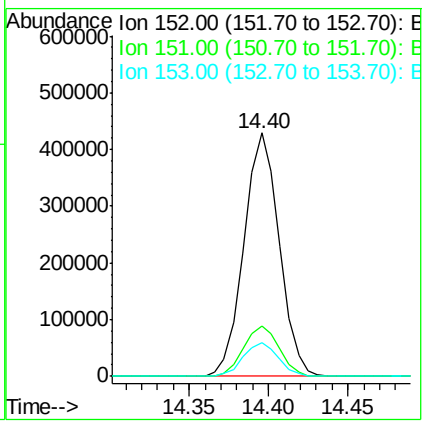


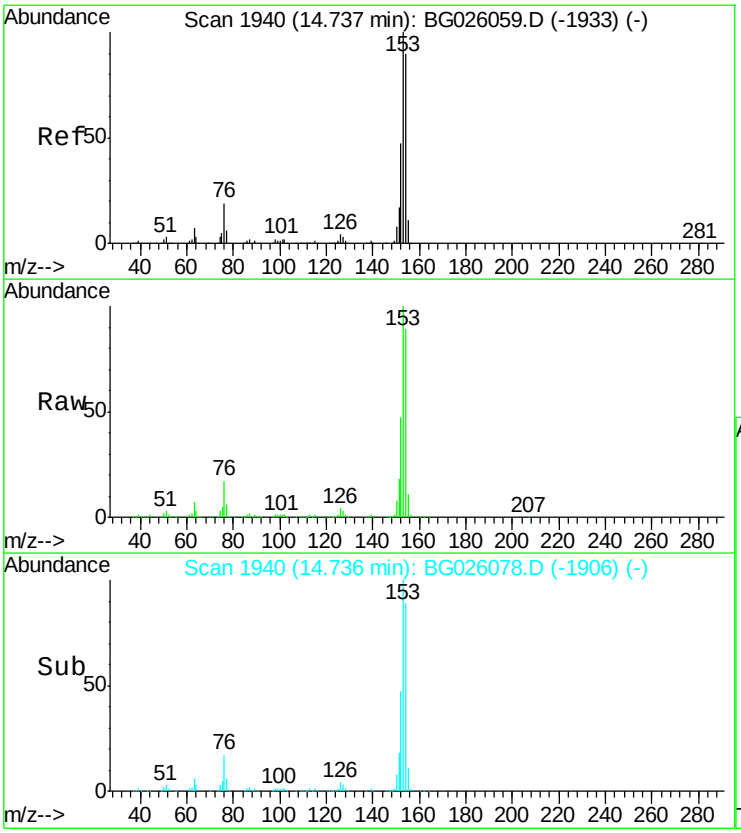
#8
Acenaphthylene
Concen: 20.16 ng/ul
RT: 14.40 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Instrument :
BNA_G
ClientSampleId :
SSTD02002

Tgt Ion:152 Resp: 665211

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.5	26.3
153	13.7	10.6	16.0

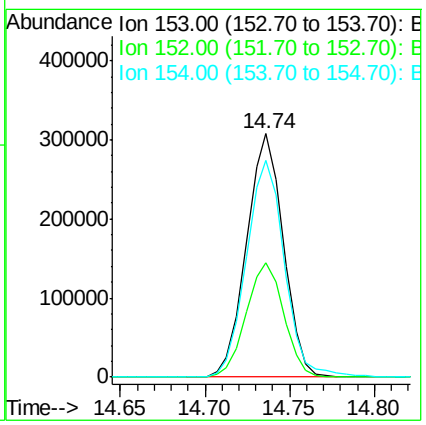


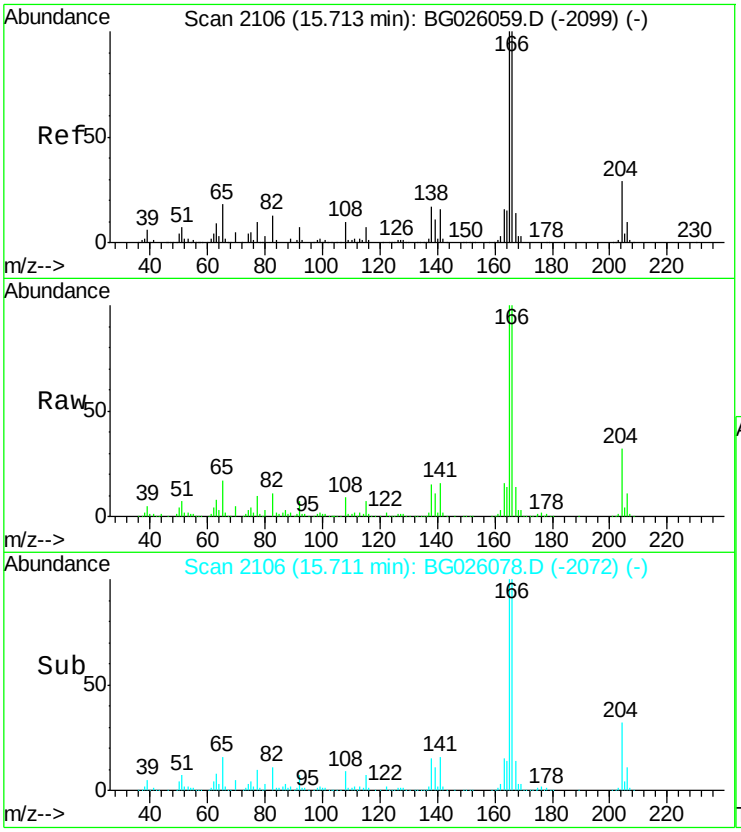


#9
Acenaphthene
Concen: 20.02 ng/ul
RT: 14.74 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Tgt Ion:153 Resp: 466897

Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.9	56.9
154	89.2	71.6	107.4



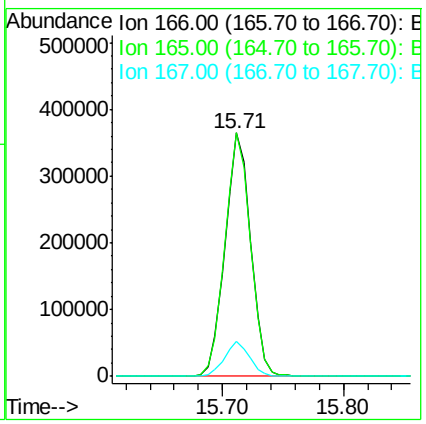


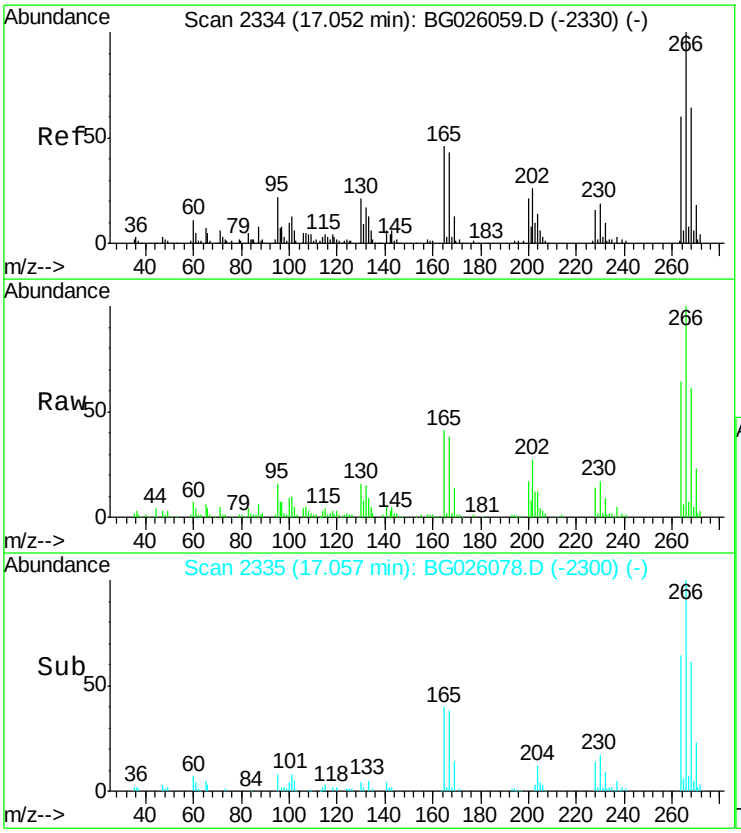
#11
Fluorene
Concen: 20.44 ng/ul
RT: 15.71 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Instrument :
BNA_G
ClientSampleId :
SSTD02002

Tgt Ion:166 Resp: 538088

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.0	120.0
167	14.3	11.6	17.4

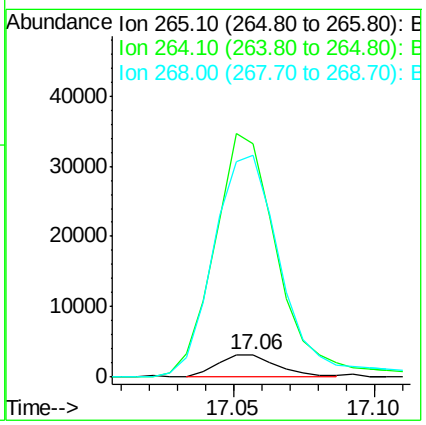


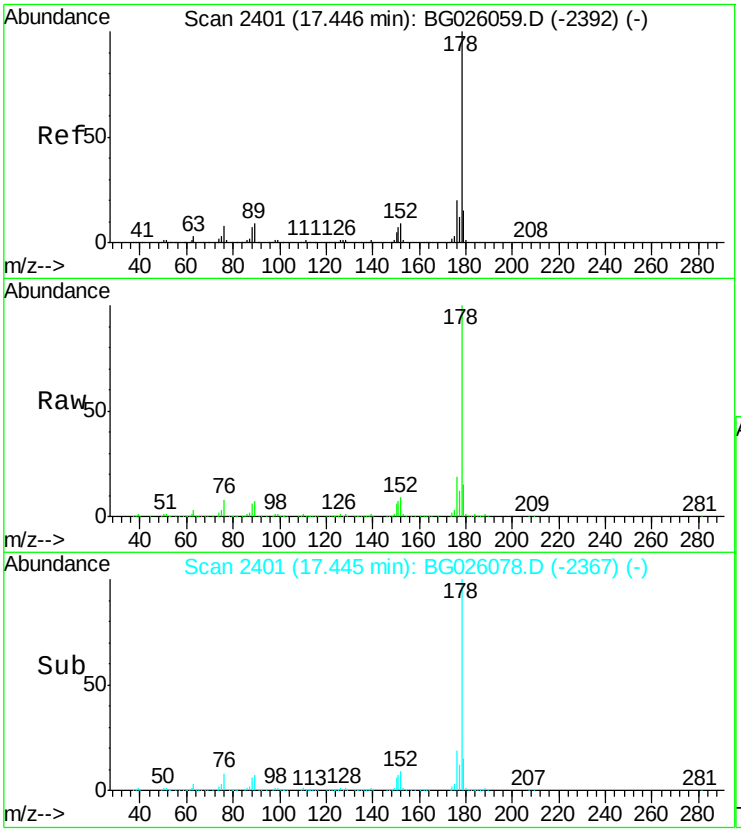


#13
Pentachlorophenol
Concen: 16.61 ng/uL
RT: 17.06 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Tgt Ion:265 Resp: 4748

Ion	Ratio	Lower	Upper
265	100		
264	1046.3	768.4	1152.6
268	995.7	806.4	1209.6



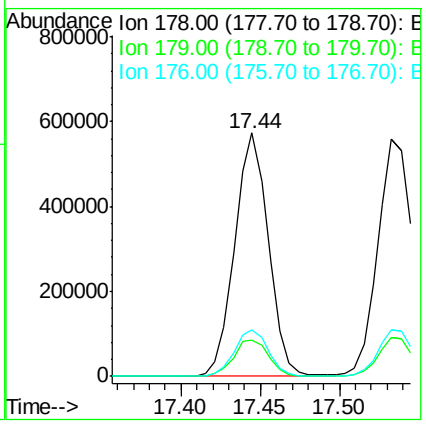


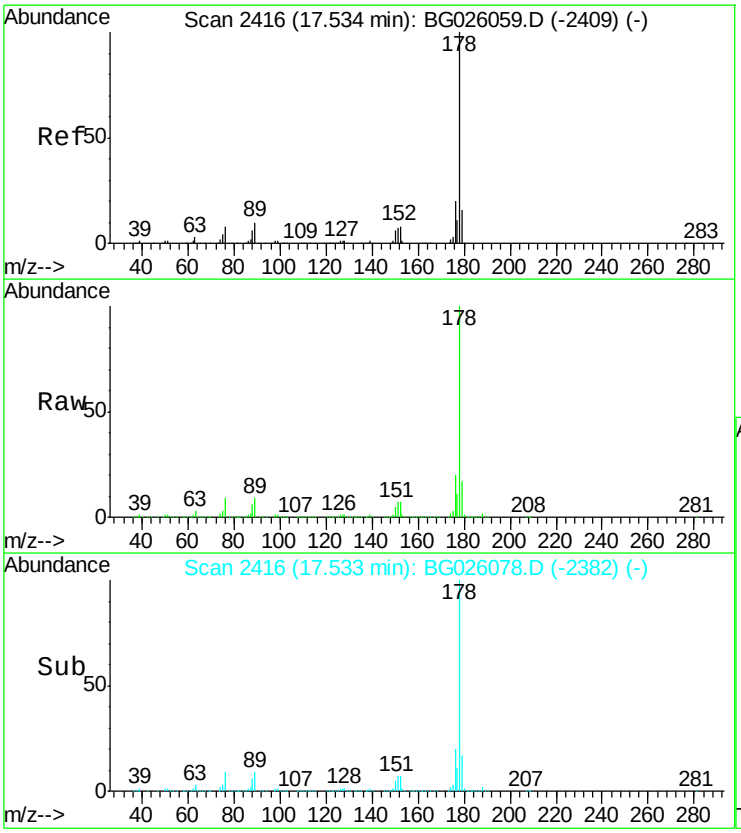
#14
Phenanthrene
Concen: 20.82 ng/ul
RT: 17.44 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Instrument :
BNA_G
ClientSampleId :
SSTD02002

Tgt Ion:178 Resp: 844594

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	19.2	16.4	24.6

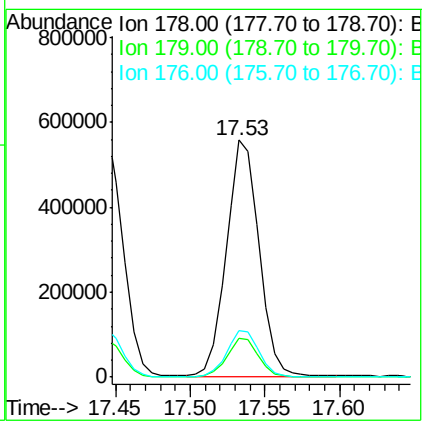


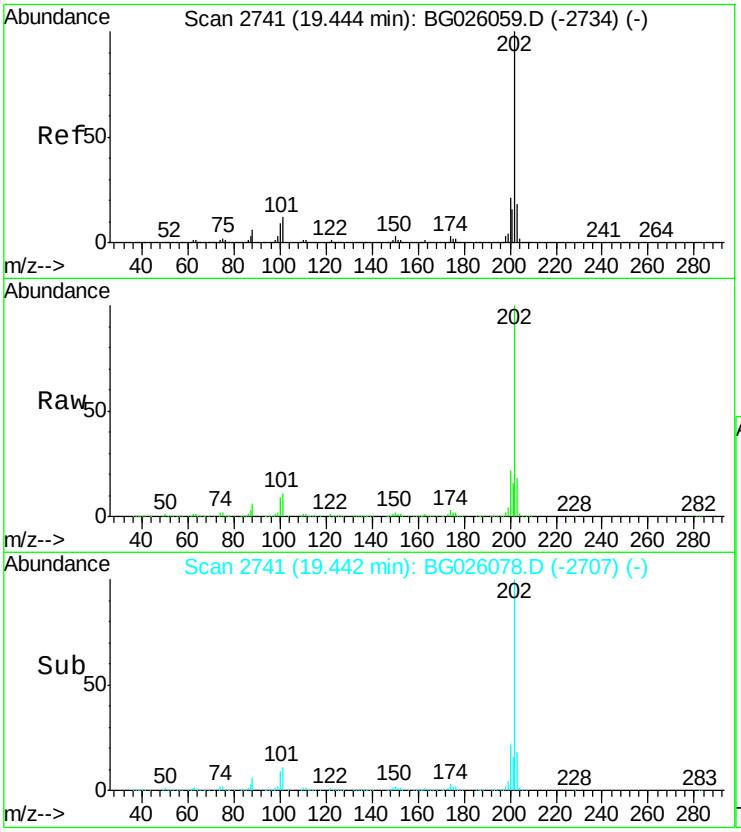


#16
Anthracene
Concen: 20.84 ng/ul
RT: 17.53 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Tgt Ion:178 Resp: 854185

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.7	19.1
176	19.5	15.8	23.8



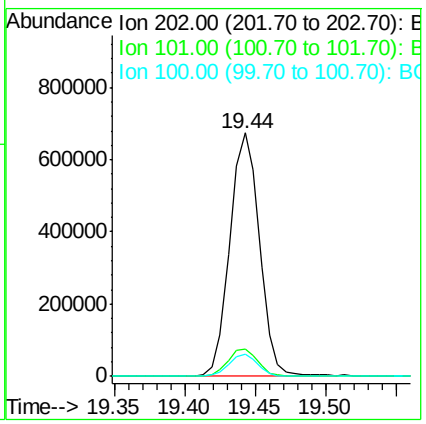


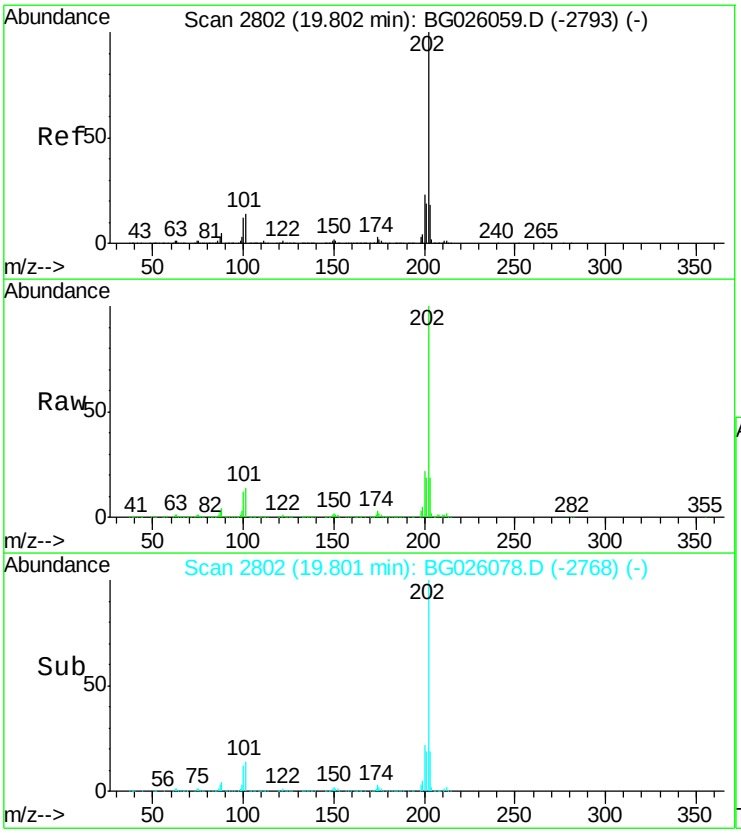
#17
Fluoranthene
Concen: 23.40 ng/ul
RT: 19.44 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Instrument :
BNA_G
ClientSampleId :
SSTD02002

Tgt Ion:202 Resp: 985558

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
100	9.2	7.5	11.3

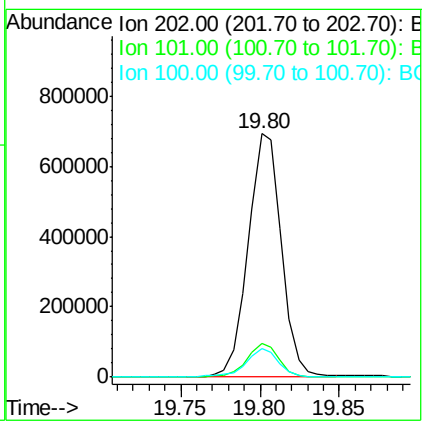


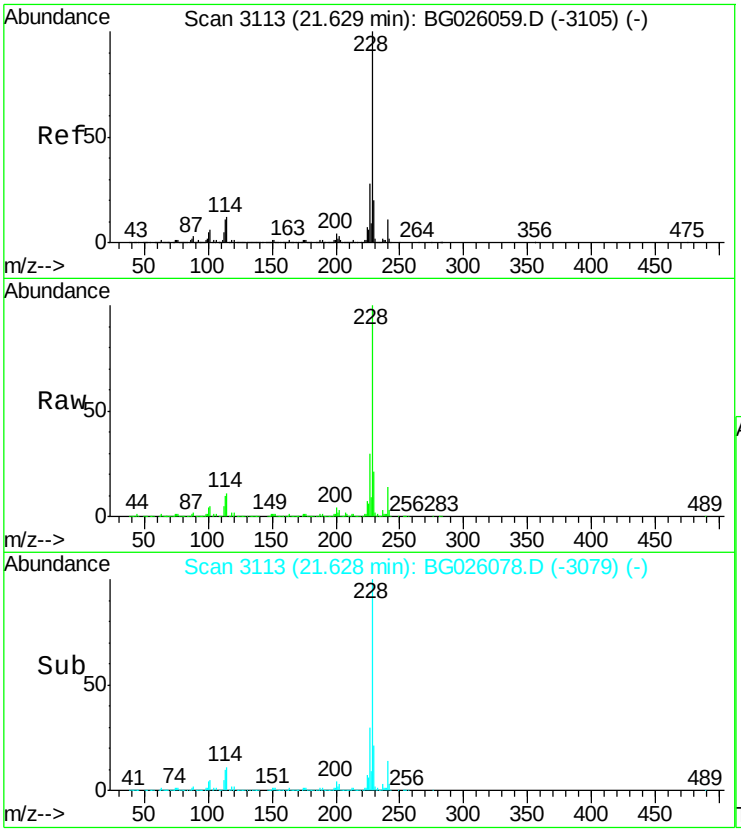


#20
Pyrene
Concen: 20.41 ng/ul
RT: 19.80 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Tgt Ion:202 Resp: 1006037

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.2	16.8
100	11.7	9.8	14.6



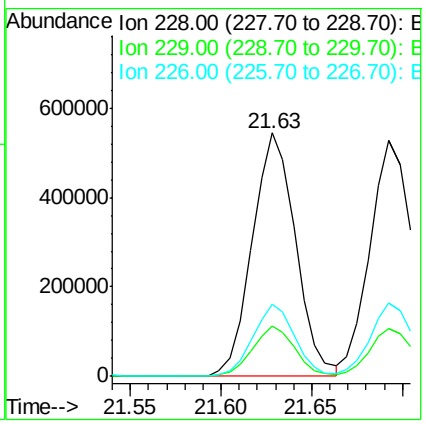


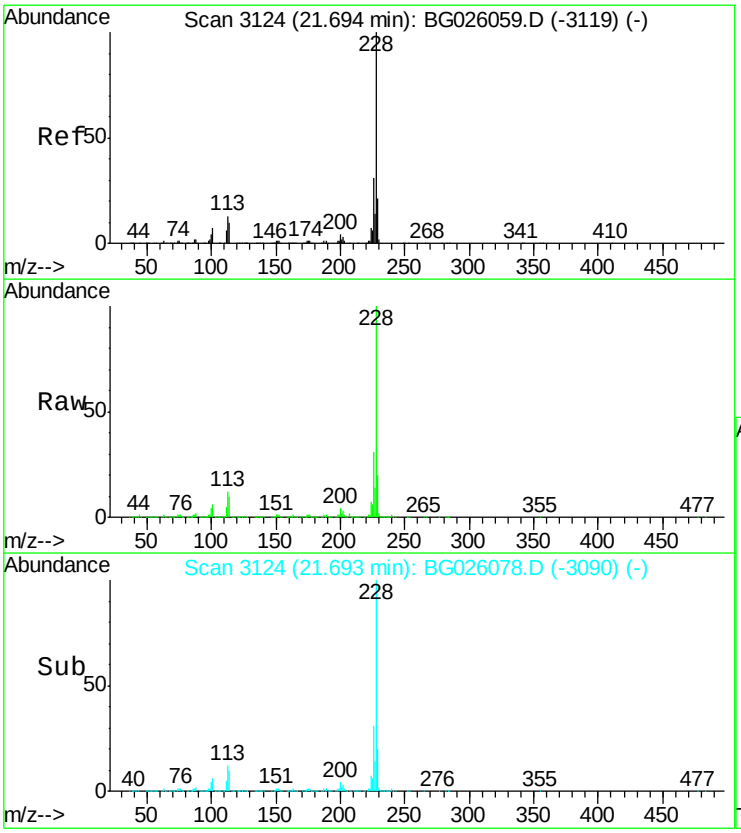
#21
Benzo(a)anthracene
Concen: 20.96 ng/ul
RT: 21.63 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Instrument :
BNA_G
ClientSampleId :
SSTD02002

Tgt Ion:228 Resp: 902936

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.9	23.9
226	29.5	22.1	33.1

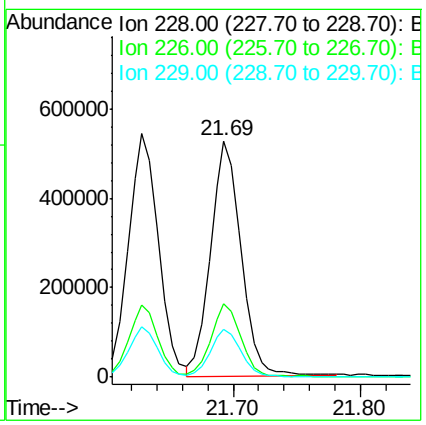


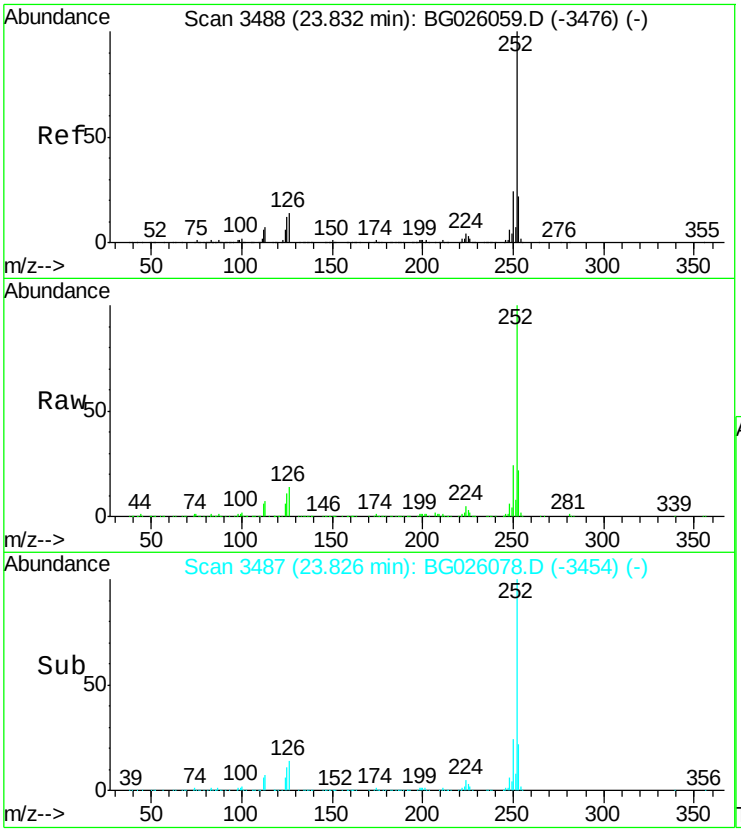


#22
Chrysene
Concen: 21.83 ng/ul
RT: 21.69 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Tgt Ion:228 Resp: 877554

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.4	16.6	25.0



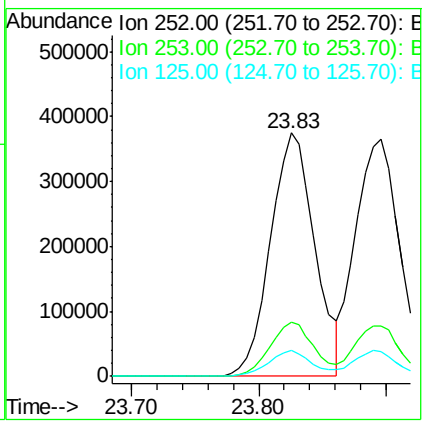


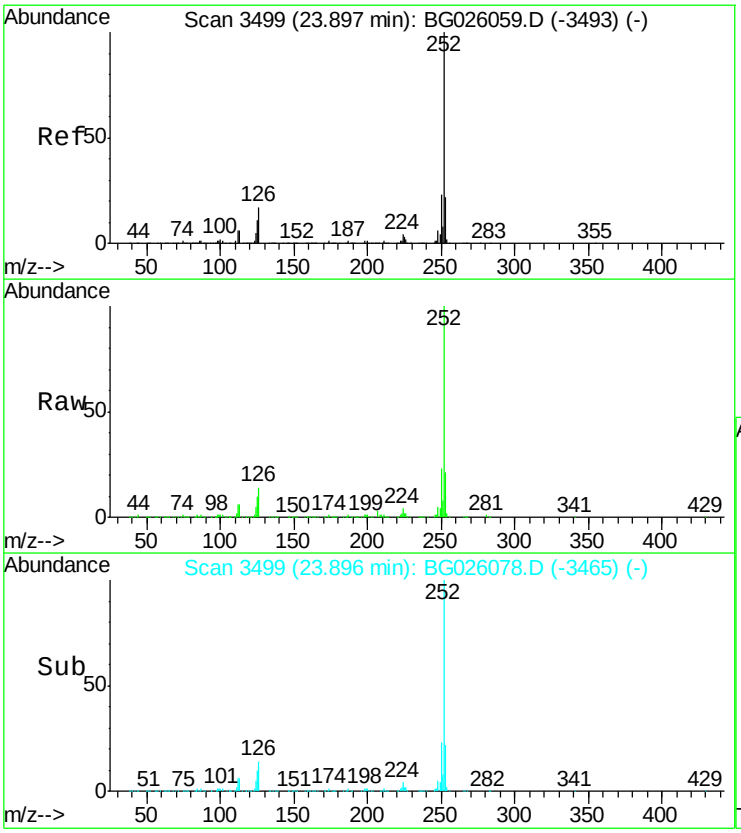
#24
Benzo(b)fluoranthene
Concen: 20.97 ng/ul
RT: 23.83 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Instrument :
BNA_G
ClientSampleId :
SSTD02002

Tgt Ion:252 Resp: 910191

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.9	9.4	14.0

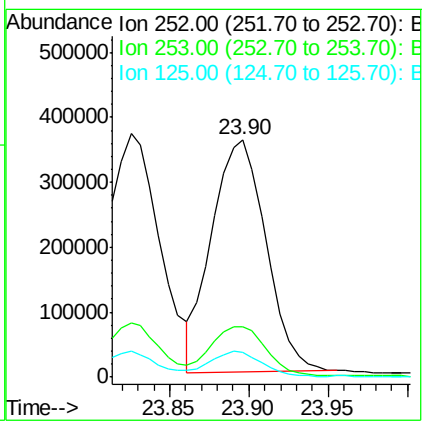


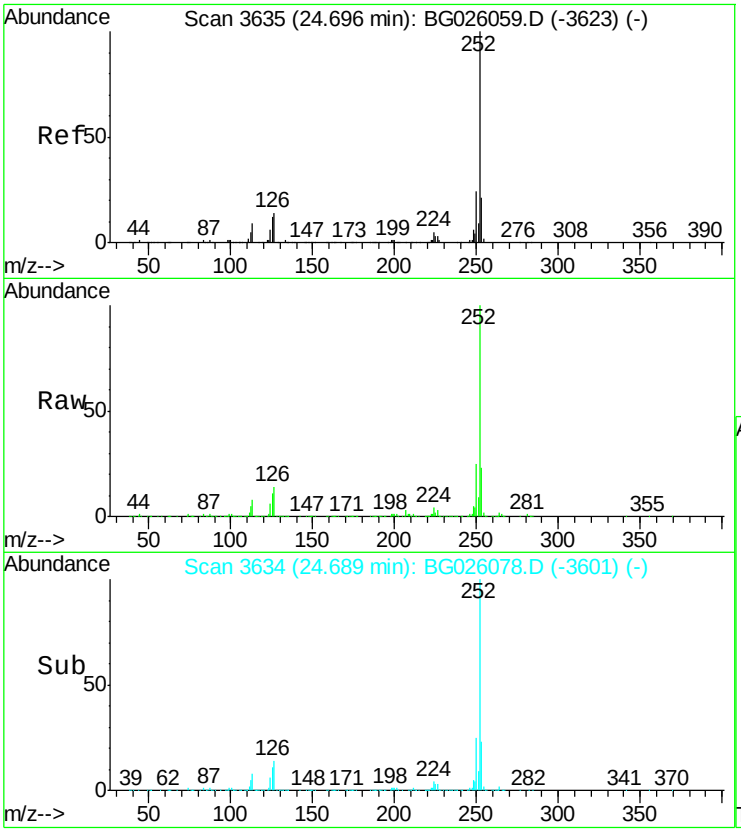


#25
Benzo(k)fluoranthene
Concen: 20.55 ng/ul
RT: 23.90 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Tgt Ion:252 Resp: 851339

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	10.3	8.8	13.2



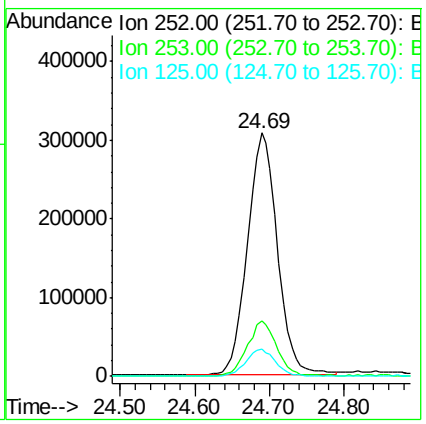


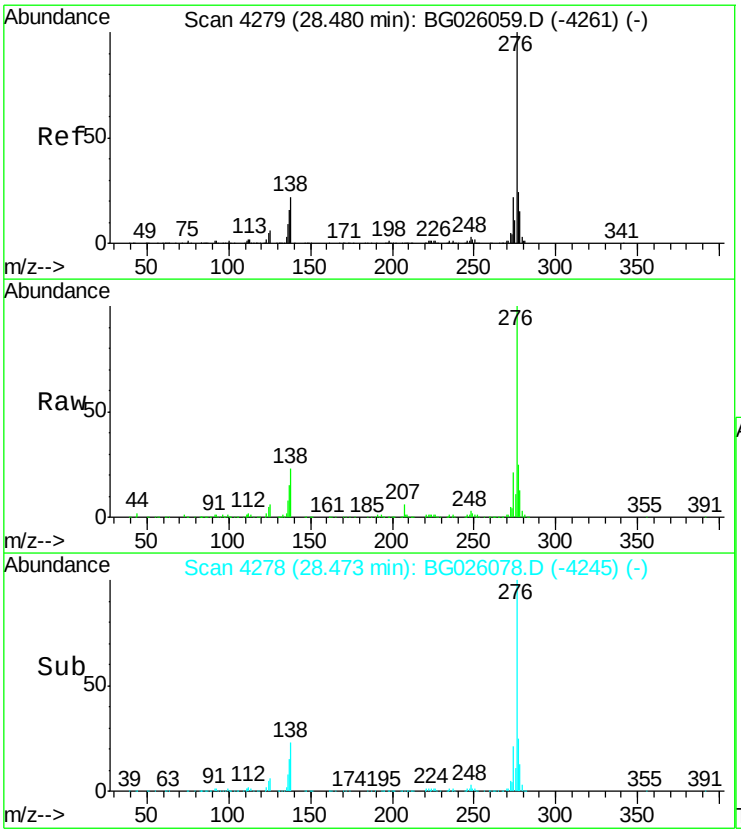
#27
Benzo(a)pyrene
Concen: 21.34 ng/ul
RT: 24.69 min Scan# 3634
Delta R.T. -0.01 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Instrument :
BNA_G
ClientSampleId :
SSTD02002

Tgt Ion:252 Resp: 860536

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	11.1	9.4	14.2

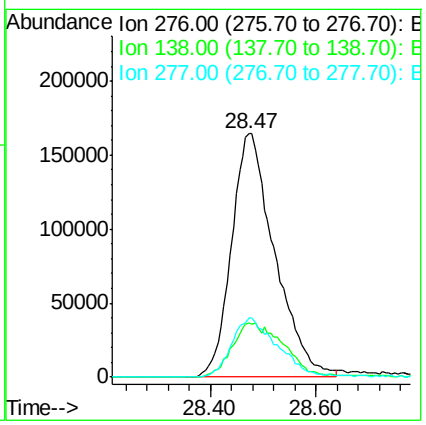


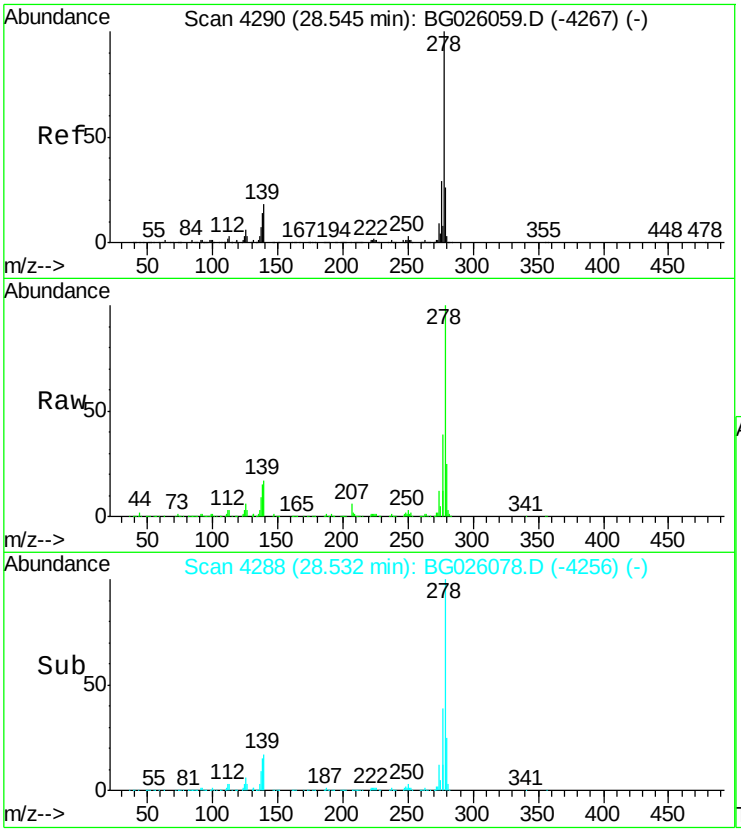


#28
Indeno(1,2,3-cd)pyrene
Concen: 20.75 ng/ul
RT: 28.47 min Scan# 4278
Delta R.T. -0.01 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Tgt Ion:276 Resp: 932247

Ion	Ratio	Lower	Upper
276	100		
138	22.5	17.8	26.6
277	24.5	19.4	29.0



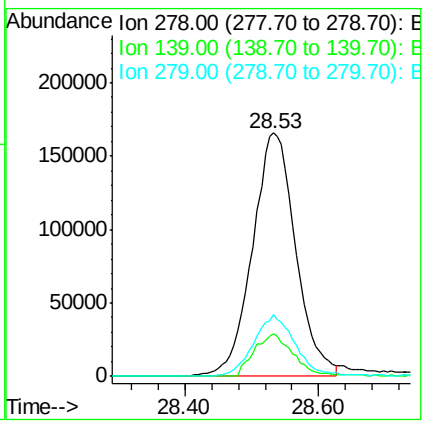


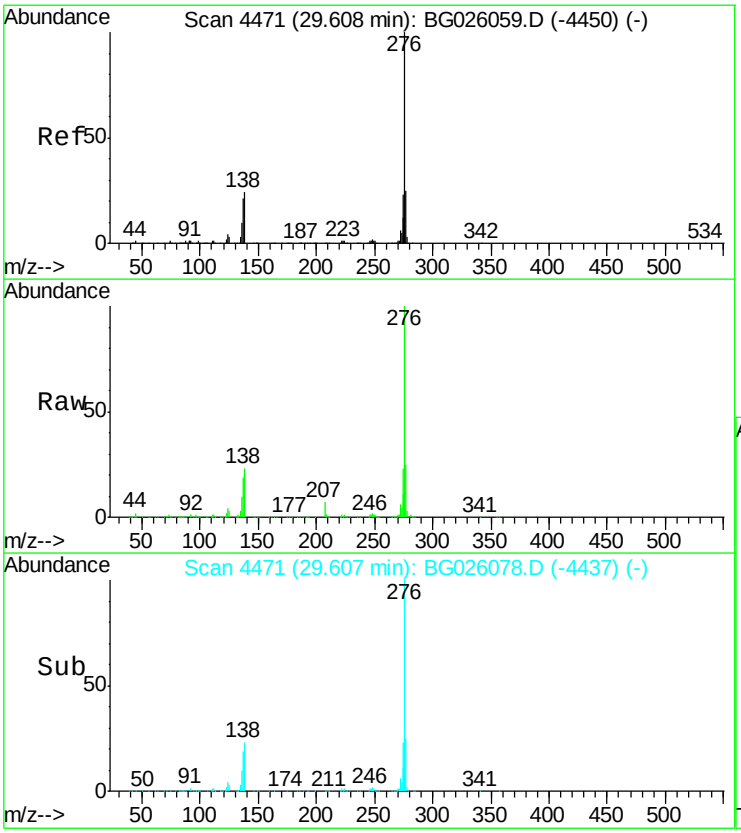
#29
Dibenzo(a,h)anthracene
Concen: 21.01 ng/ul
RT: 28.53 min Scan# 4288
Delta R.T. -0.01 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Instrument :
BNA_G
ClientSampleId :
SSTD02002

Tgt Ion:278 Resp: 742093

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.0	21.0
279	25.4	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 20.88 ng/ul
RT: 29.61 min Scan# 4471
Delta R.T. -0.00 min
Lab File: BG026078.D
Acq: 6 Mar 2017 16:29

Tgt Ion:276 Resp: 799981

Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.0	28.4
277	24.7	19.7	29.5