Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025300.D
Acq On : 18 Dec 2016 7:58
Operator : UM/SJ
Sample : H5860-13DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 19 04:44:56 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 04:41:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	94410	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	375376	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	285382	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	632944	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	811005	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	867498	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	2816	1.54	ng/uL	0.00
5) Phenol-d5	7.40	99	67221	8.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	47369	9.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	51066	8.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	56550	8.31	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	26781	10.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	32408	9.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	54239	8.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	17909	2.86	ng/ul	0.02
43) Dimethylphthalate-d6	14.25	166	203751	10.38	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	221188	10.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	23808	7.06	ng/ul	0.00
57) Fluorene-d10	15.84	176	189535	10.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	26417	6.75	ng/ul	0.00
70) Anthracene-d10	17.70	188	274310	10.27	ng/ul	0.00
76) Pyrene-d10	19.97	212	356052	10.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	355835	10.12	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.43	94	11599	1.39	ng/ul	99
44) Dimethylphthalate	14.30	163	43698	2.27	ng/ul#	94
69) Phenanthrene	17.64	178	535583	17.73	ng/ul	97
71) Anthracene	17.73	178	40573	1.31	ng/ul	94
72) Carbazole	18.01	167	98886	3.82	ng/ul	93
74) Fluoranthene	19.64	202	1861803	51.87	ng/ul	100
77) Pyrene	20.00	202	1483632	38.05	ng/ul	98
80) Benzo(a)anthracene	21.87	228	669177	15.88	ng/ul	98
82) Chrysene	21.95	228	957236	24.29	ng/ul	99
86) Benzo(k)fluoranthene	24.28	252	345591	8.45	ng/ul	97
88) Benzo(a)pyrene	25.16	252	632428	15.29	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.27	276	588042	11.44	ng/ul	99
90) Dibenzo(a,h)anthracene	29.28	278	48587	1.12	ng/ul#	90
91) Benzo(g,h,i)perylene	30.52	276	470661	10.97	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
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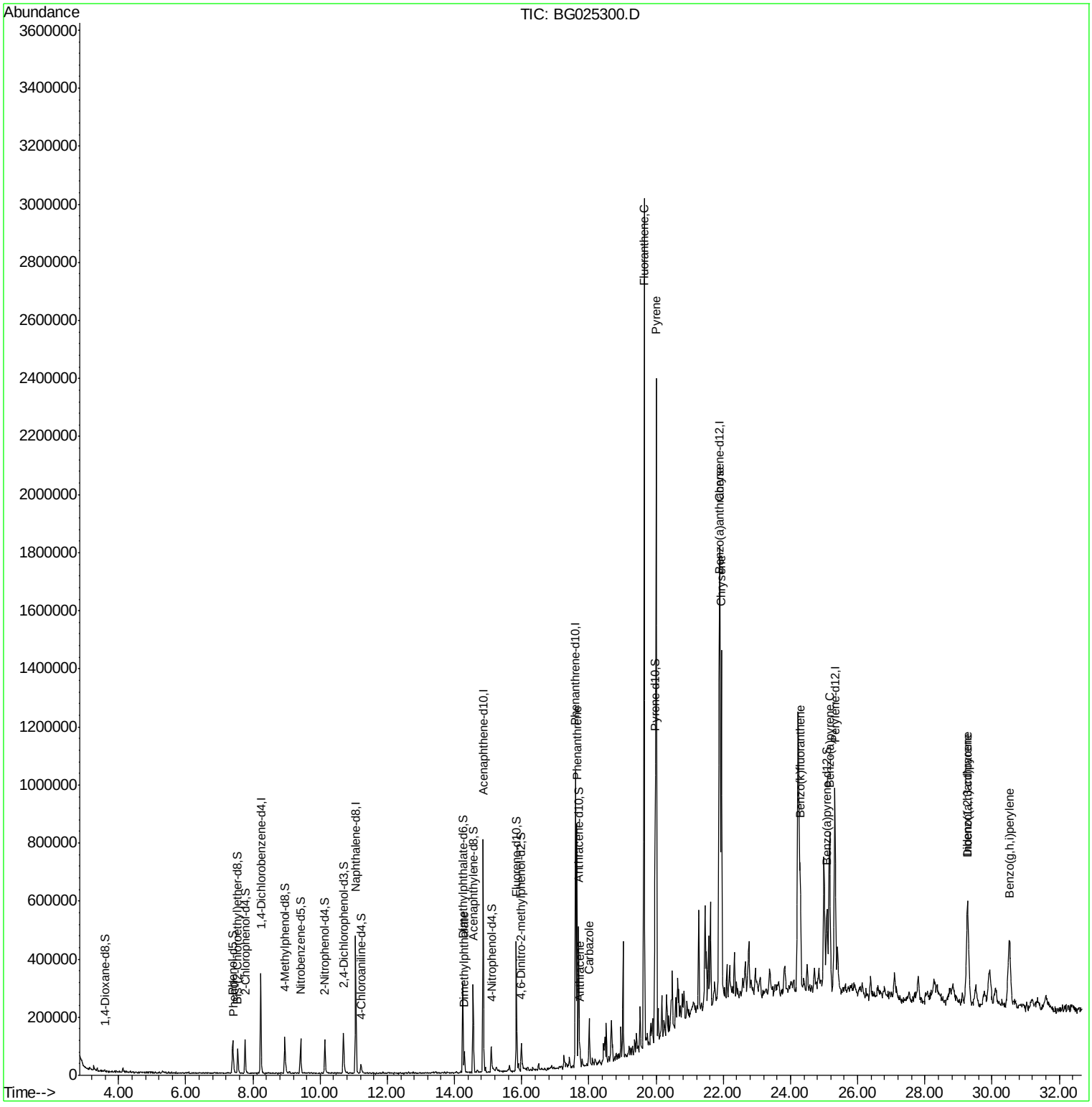
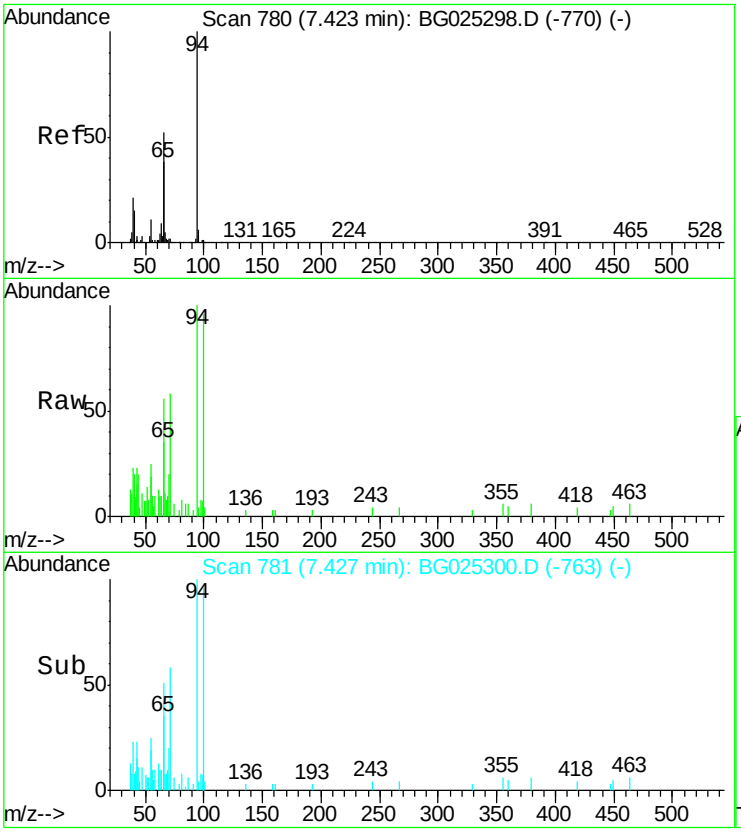
Sample : H5860-13DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 19 04:44:56 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 04:41:40 2016
Response via : Initial Calibration



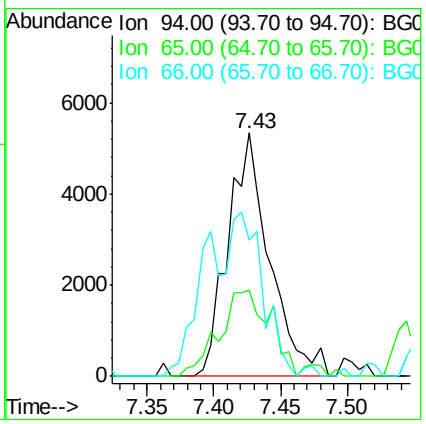


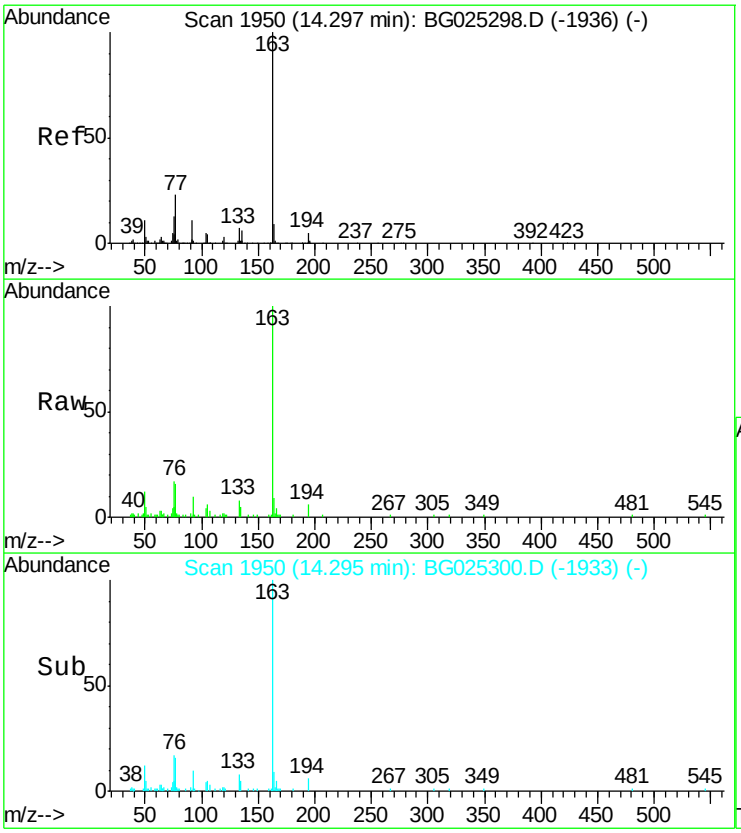
#6
Phenol
Concen: 1.39 ng/ul
RT: 7.43 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG025300.D
Acq: 18 Dec 2016 7:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 11599

Ion	Ratio	Lower	Upper
94	100		
65	35.3	26.8	40.2
66	55.8	44.4	66.6

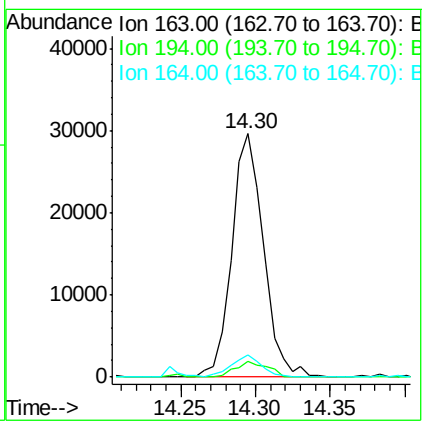


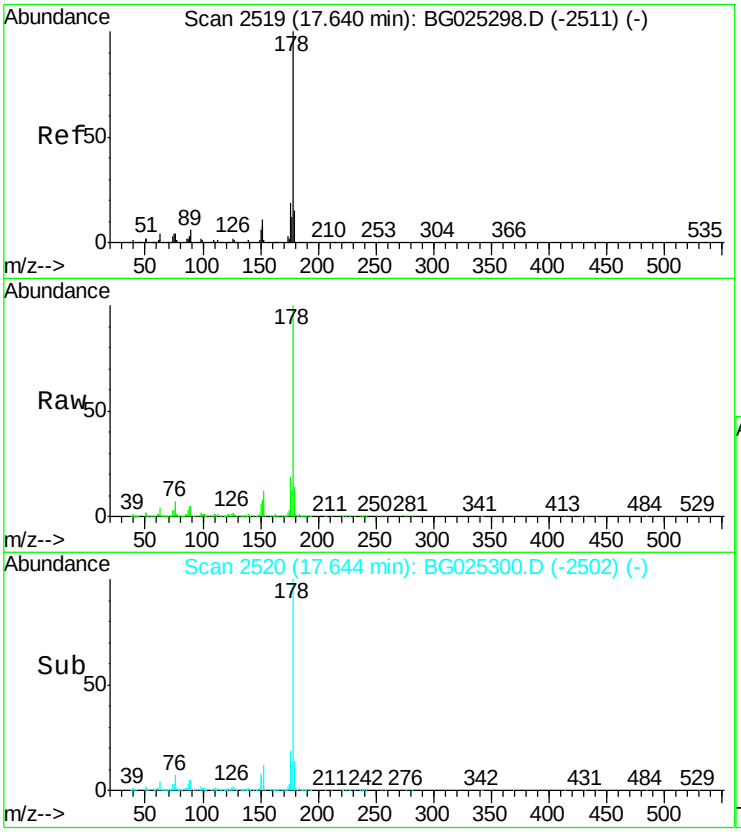


#44
Dimethylphthalate
Concen: 2.27 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG025300.D
Acq: 18 Dec 2016 7:58

Tgt Ion:163 Resp: 43698

Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.4	5.0#
164	8.9	9.0	13.4#



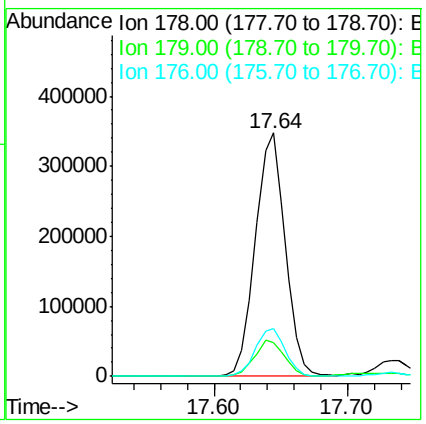


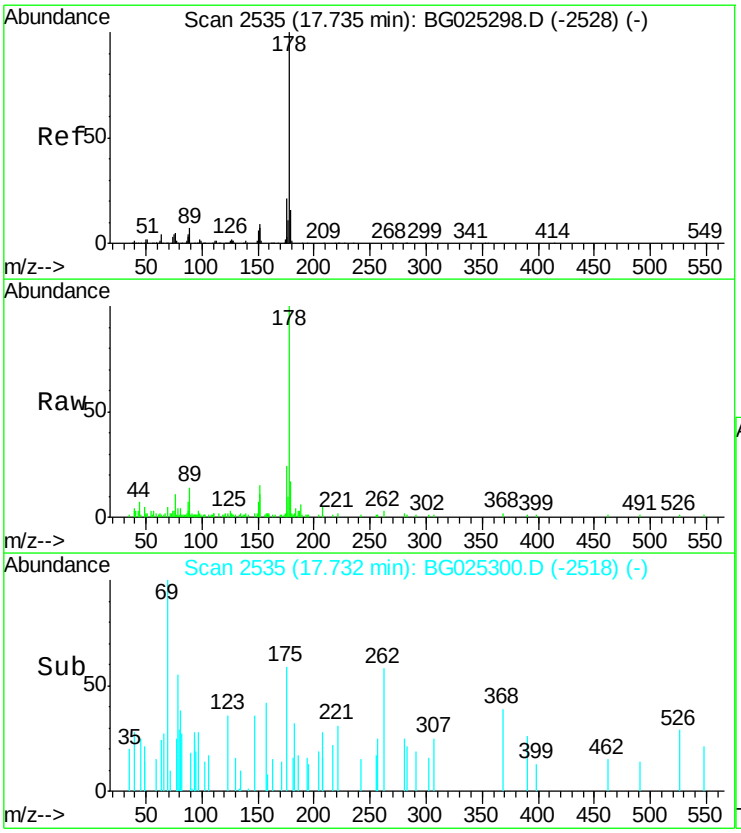
#69
Phenanthrene
Concen: 17.73 ng/ul
RT: 17.64 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BG025300.D
Acq: 18 Dec 2016 7:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 535583

Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.4	18.6
176	19.5	16.5	24.7

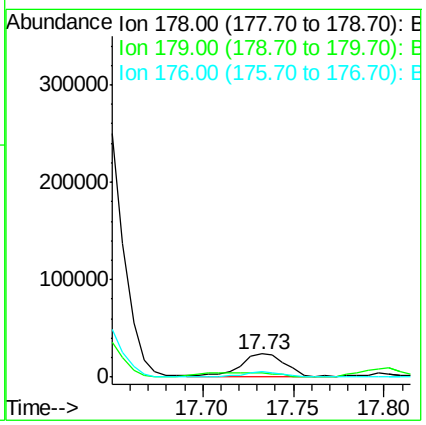


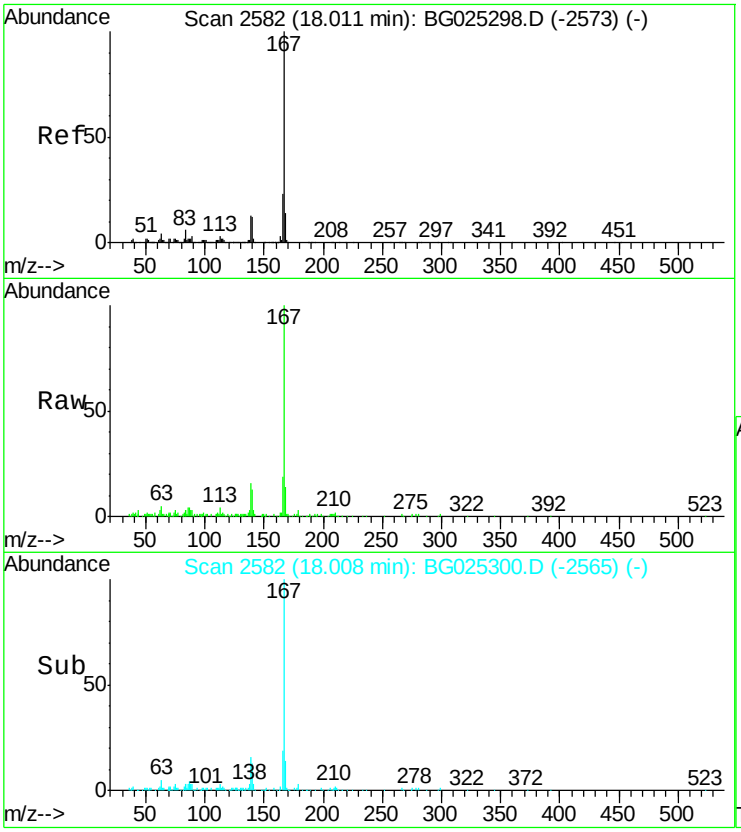


#71
Anthracene
Concen: 1.31 ng/ul
RT: 17.73 min Scan# 2535
Delta R.T. -0.00 min
Lab File: BG025300.D
Acq: 18 Dec 2016 7:58

Tgt Ion:178 Resp: 40573

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.6	19.0
176	23.6	15.9	23.9



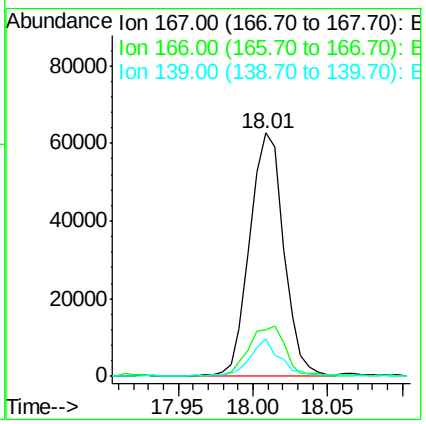


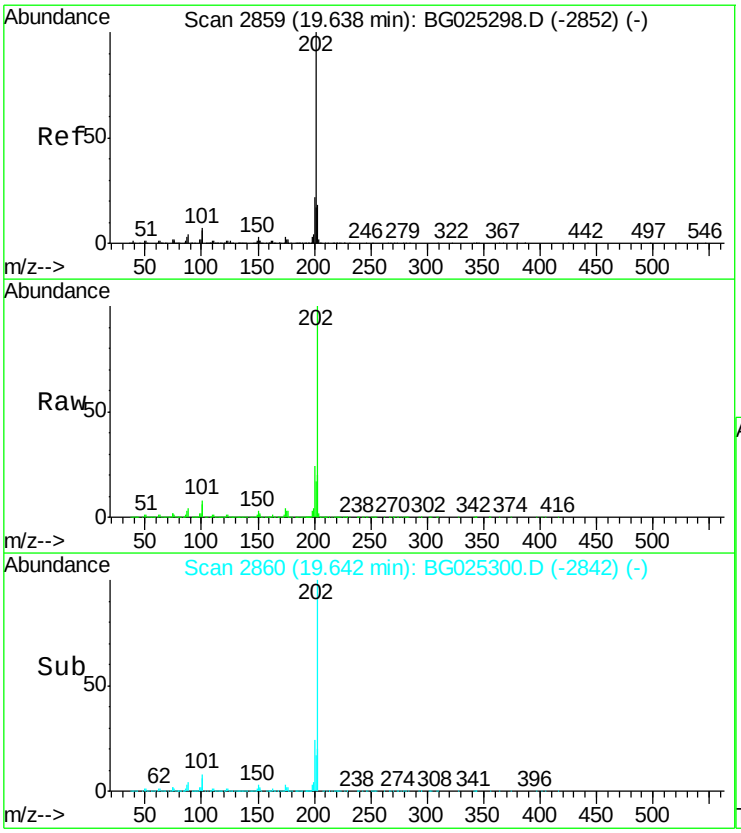
#72
Carbazole
Concen: 3.82 ng/ul
RT: 18.01 min Scan# 2582
Delta R.T. -0.00 min
Lab File: BG025300.D
Acq: 18 Dec 2016 7:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 98886

Ion	Ratio	Lower	Upper
167	100		
166	18.9	17.9	26.9
139	15.5	10.5	15.7

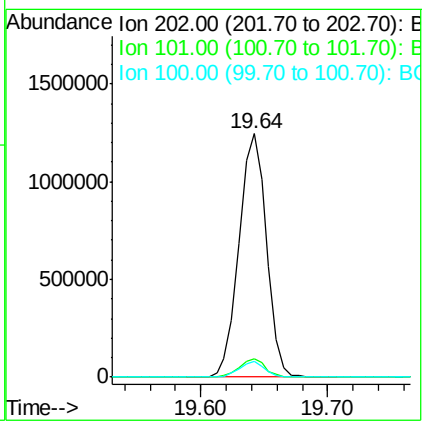


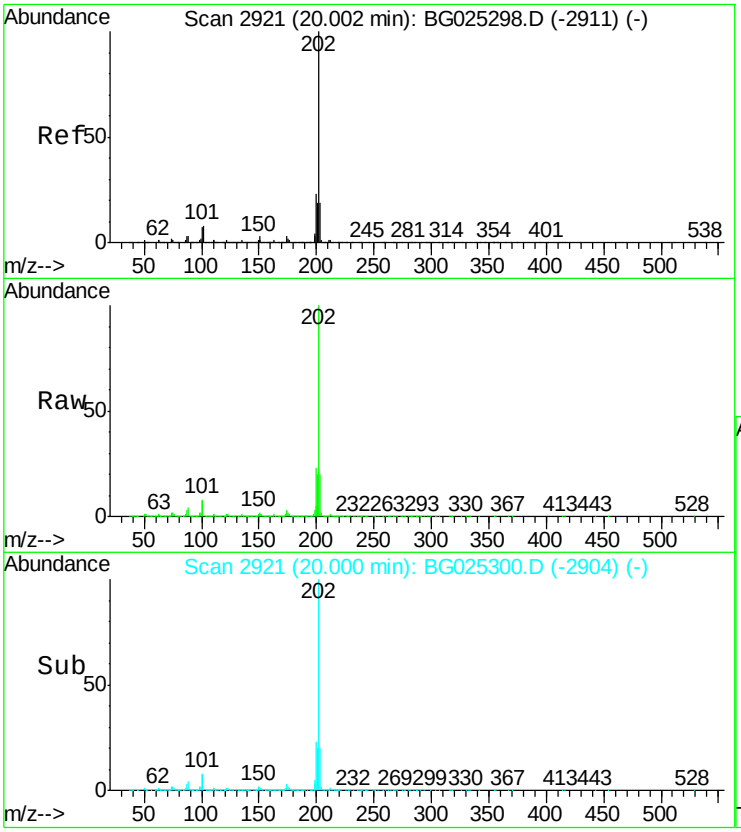


#74
Fluoranthene
Concen: 51.87 ng/ul
RT: 19.64 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BG025300.D
Acq: 18 Dec 2016 7:58

Tgt Ion:202 Resp: 1861803

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.2	9.2
100	6.5	5.2	7.8



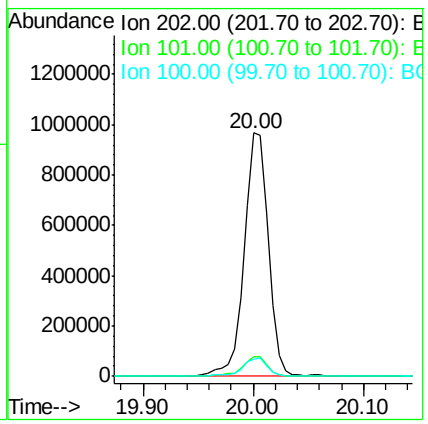


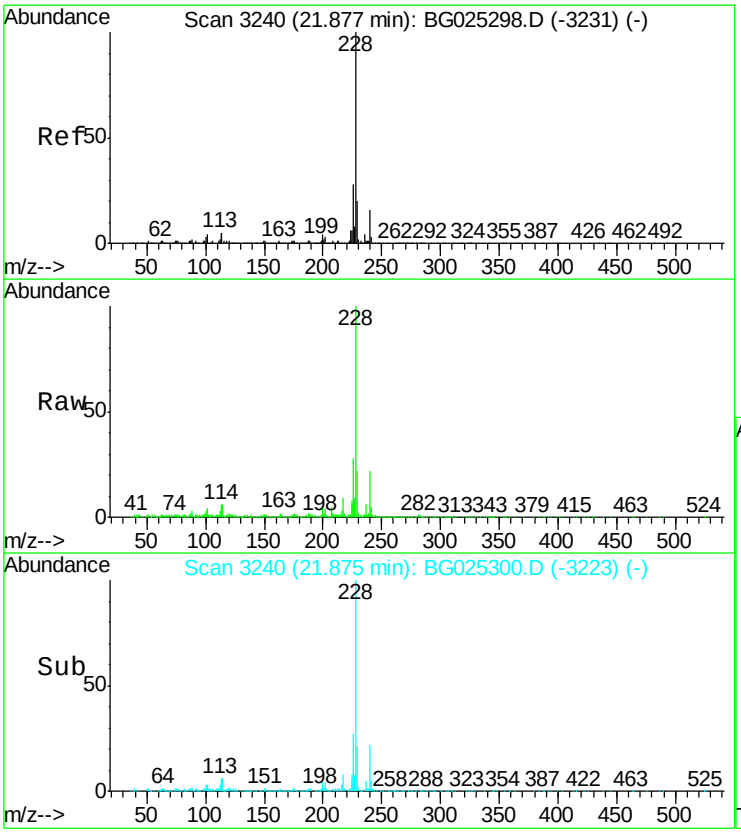
#77
Pyrene
Concen: 38.05 ng/ul
RT: 20.00 min Scan# 2921
Delta R.T. -0.00 min
Lab File: BG025300.D
Acq: 18 Dec 2016 7:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1483632

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.9	10.3
100	7.2	6.6	10.0

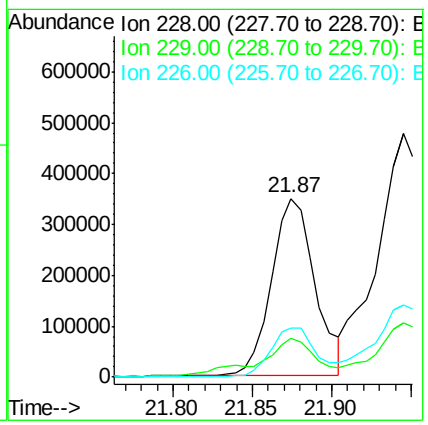


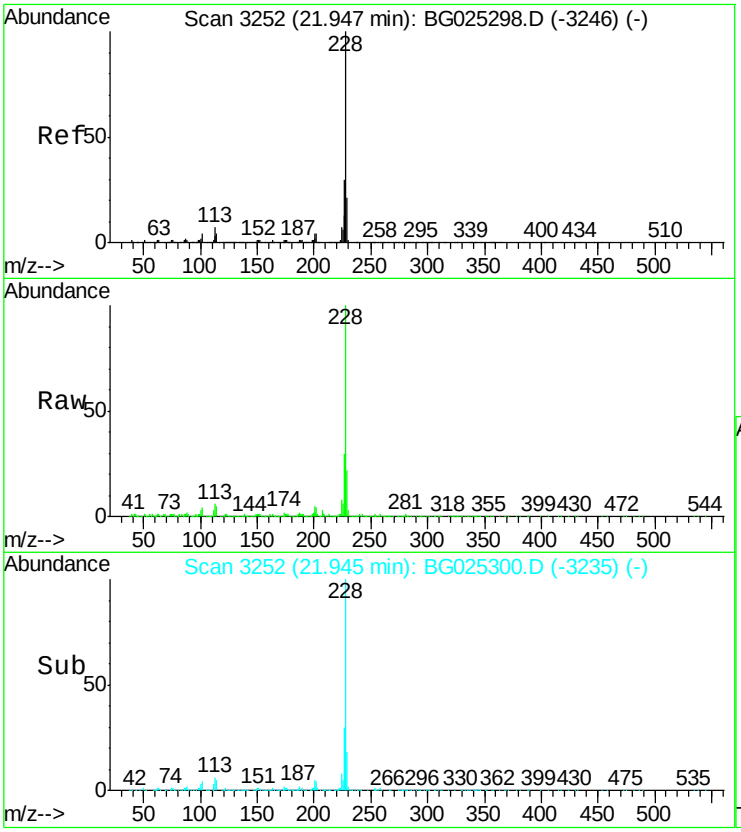


#80
Benzo(a)anthracene
Concen: 15.88 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. -0.00 min
Lab File: BG025300.D
Acq: 18 Dec 2016 7:58

Tgt Ion:228 Resp: 669177

Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.3	24.5
226	27.6	21.9	32.9



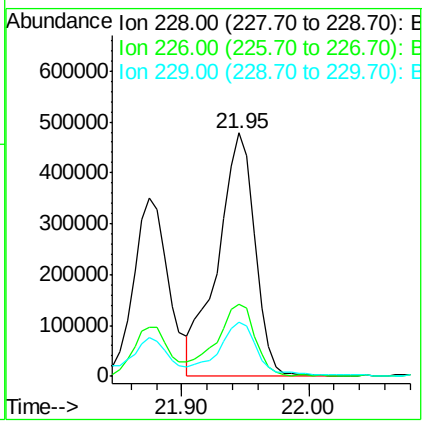


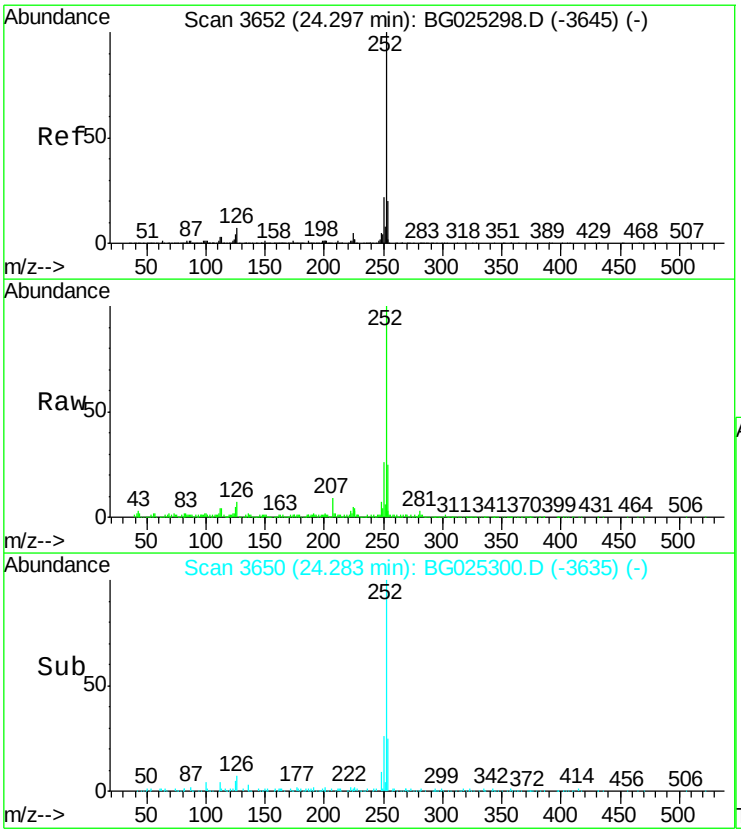
#82
Chrysene
Concen: 24.29 ng/ul
RT: 21.95 min Scan# 3252
Delta R.T. -0.00 min
Lab File: BG025300.D
Acq: 18 Dec 2016 7:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 957236

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	22.4	16.9	25.3

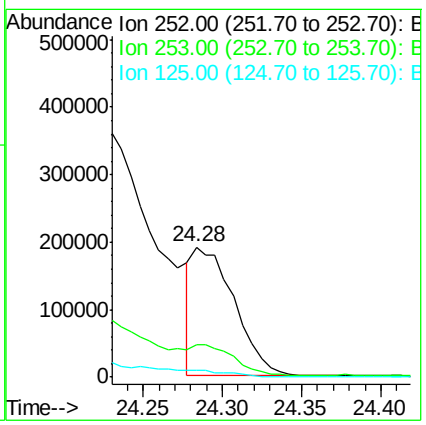


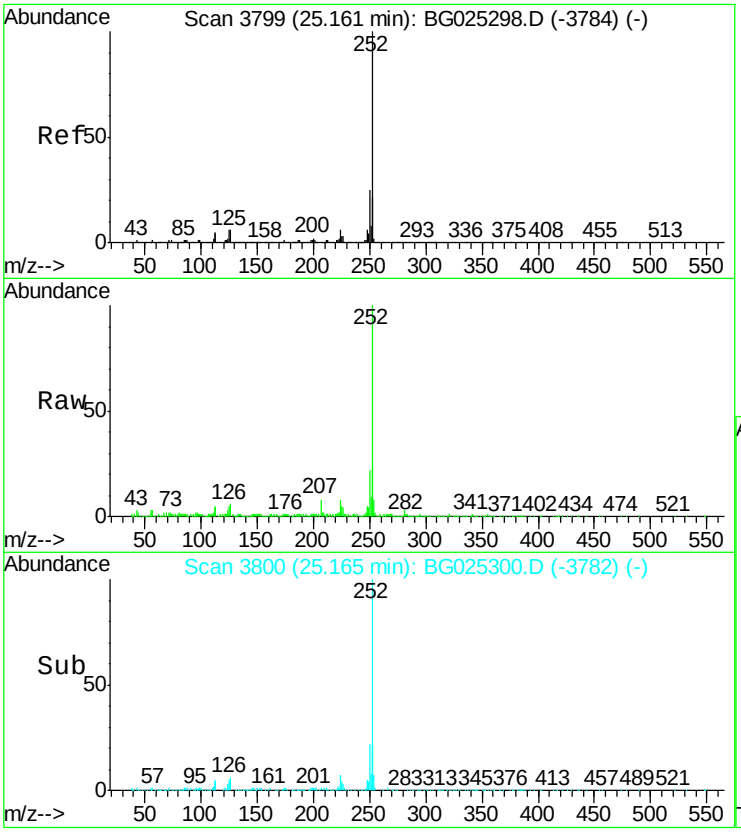


#86
Benzo(k)fluoranthene
Concen: 8.45 ng/ul
RT: 24.28 min Scan# 3650
Delta R.T. -0.01 min
Lab File: BG025300.D
Acq: 18 Dec 2016 7:58

Tgt Ion:252 Resp: 345591

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.5	27.7
125	4.9	4.1	6.1



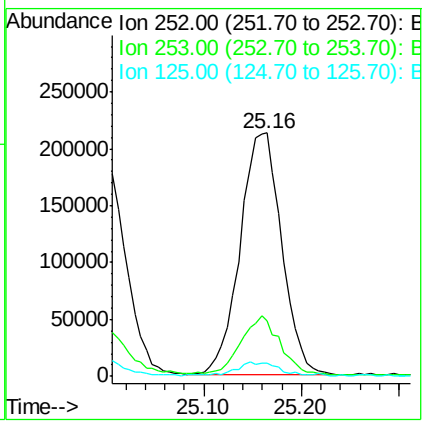


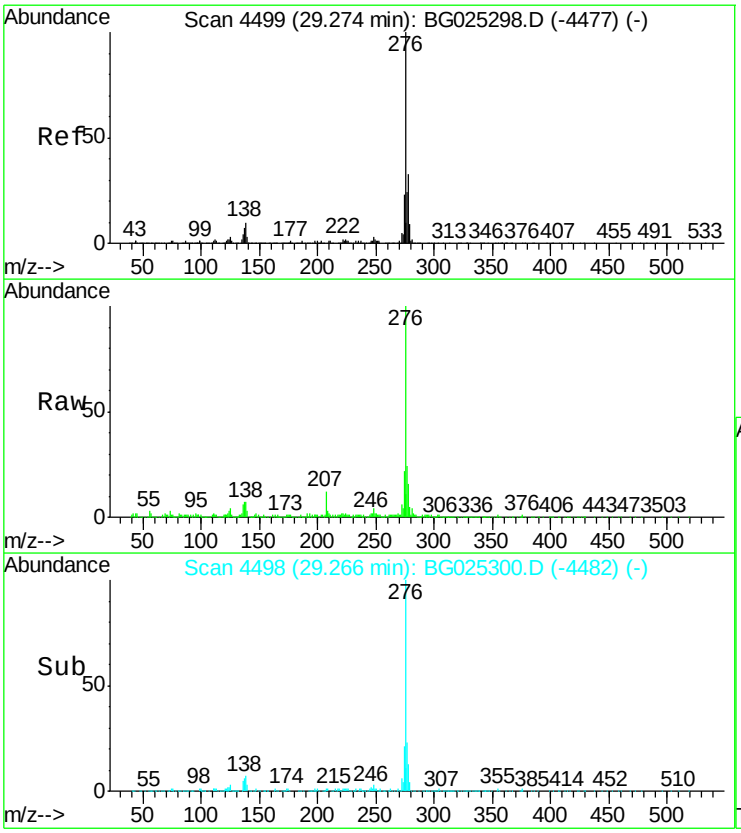
#88
Benzo(a)pyrene
Concen: 15.29 ng/ul
RT: 25.16 min Scan# 3800
Delta R.T. 0.00 min
Lab File: BG025300.D
Acq: 18 Dec 2016 7:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 632428

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	5.2	5.4	8.0#

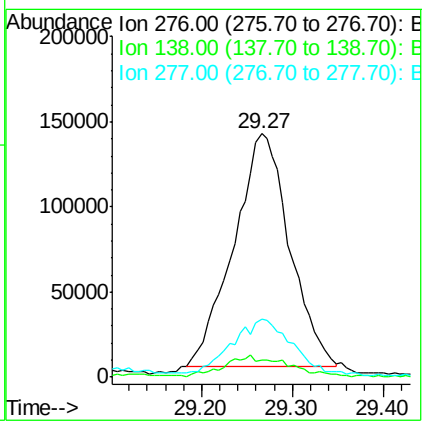


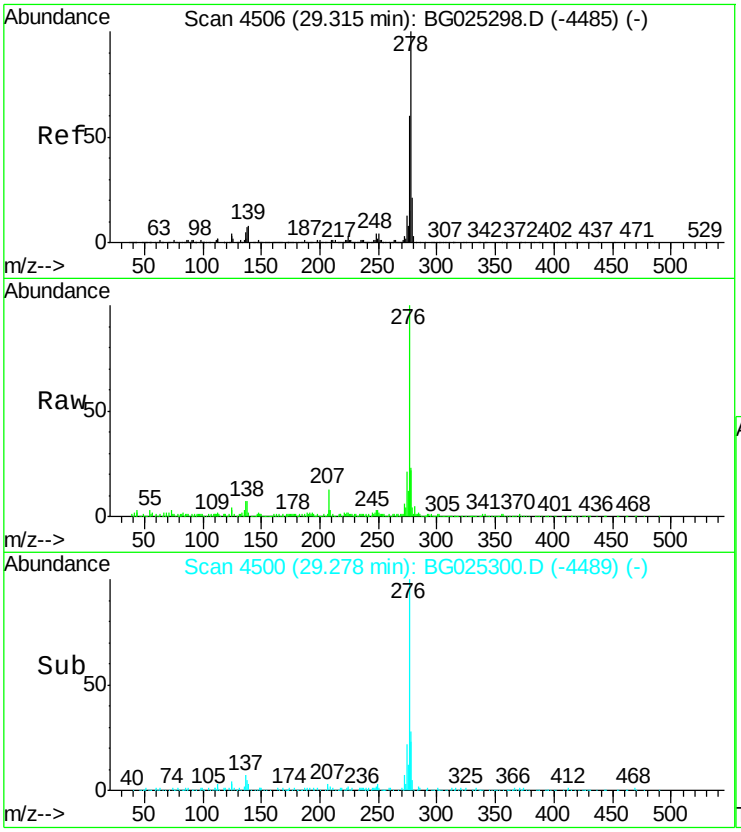


#89
Indeno(1,2,3-cd)pyrene
Concen: 11.44 ng/ul
RT: 29.27 min Scan# 4498
Delta R.T. -0.01 min
Lab File: BG025300.D
Acq: 18 Dec 2016 7:58

Tgt Ion:276 Resp: 588042

Ion	Ratio	Lower	Upper
276	100		
138	10.4	8.2	12.4
277	23.6	18.6	28.0



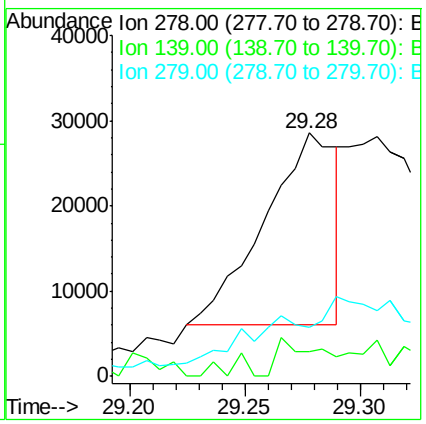


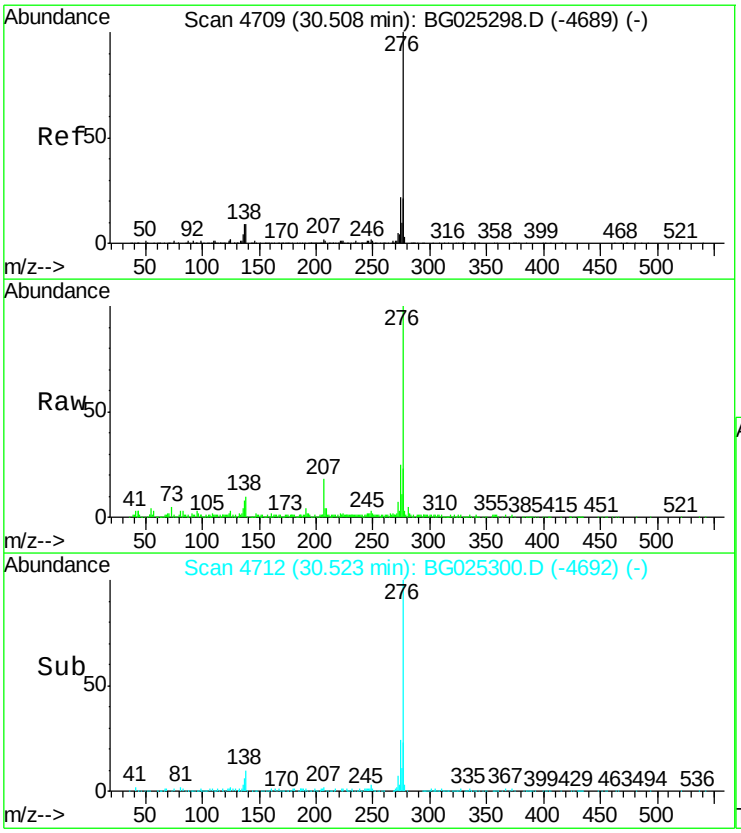
#90
Dibenzo(a,h)anthracene
Concen: 1.12 ng/ul
RT: 29.28 min Scan# 4500
Delta R.T. -0.04 min
Lab File: BG025300.D
Acq: 18 Dec 2016 7:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 48587

Ion	Ratio	Lower	Upper
278	100		
139	10.1	6.7	10.1#
279	19.9	20.9	31.3#





#91
Benzo(g,h,i)perylene
Concen: 10.97 ng/ul
RT: 30.52 min Scan# 4712
Delta R.T. 0.02 min
Lab File: BG025300.D
Acq: 18 Dec 2016 7:58

Tgt Ion:276 Resp: 470661

Ion	Ratio	Lower	Upper
276	100		
138	10.2	8.6	12.8
277	23.3	17.6	26.4