Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

Quantitation Report (Not Reviewed)

Data File : BG041940.D
Acq On : 4 Aug 2019 13:07
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ1

Quant Time: Aug 05 01:23:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	104531	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	425739	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	285667	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.46	188	575033	20.00	ng/ul	0.01
77) Chrysene-d12	21.76	240	593394	20.00	ng/ul	0.03
85) Perylene-d12	24.83	264	874527	20.00	ng/ul	-0.17
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	6790	2.84	ng/uL	0.00
5) Phenol-d5	7.18	99	175255	21.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	102550	22.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	163275	23.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	151690	22.02	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	84982	26.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	104169	27.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	187388	24.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	209642	25.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	541428	24.44	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	696241	27.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	78733	21.16	ng/ul	0.01
57) Fluorene-d10	15.69	176	489657	24.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.83	200	31109	8.43	ng/ul	0.03
70) Anthracene-d10	17.56	188	742317	26.91	ng/ul	0.01
78) Pyrene-d10	19.85	212	838957	25.34	ng/ul	0.01
89) Benzo(a)pyrene-d12	24.83	264	874527	19.14	ng/ul	0.06
Target Compounds						Qvalue
28) Naphthalene	10.92	128	519232	23.856	ng/ul	99
34) 2-Methylnaphthalene	12.53	142	490336	28.344	ng/ul	99
40) 1,1'-Biphenyl	13.53	154	88989	4.284	ng/ul	99
44) Dimethylphthalate	14.14	163	26585	1.209	ng/ul#	93
49) Acenaphthene	14.76	153	658860	36.888	ng/ul	97
53) Dibenzofuran	15.10	168	133593	5.012	ng/ul	93
58) Fluorene	15.75	166	554801	25.840	ng/ul	99
60) 4-Nitroaniline	15.75	138	6696	1.575	ng/ul#	28
64) N-Nitrosodiphenylamine	15.96	169	38844	2.277	ng/ul#	10
69) Phenanthrene	17.60	178	1494176	47.464	ng/ul	94
71) Anthracene	17.60	178	1494176	46.797	ng/ul	95
74) Carbazole	17.85	167	117883	4.457	ng/ul#	89
76) Fluoranthene	19.52	202	3418810	93.993	ng/ul#	86
79) Pyrene	19.89	202	4514343	113.099	ng/ul#	68
82) Benzo(a)anthracene	21.74	228	3355303	81.552	ng/ul#	75
84) Chrysene	21.81	228	3480375	90.634	ng/ul#	73
87) Benzo(b)fluoranthene	24.02	252	2871512	52.322	ng/ul	95
90) Benzo(a)pyrene	24.91	252	2804929	53.634	ng/ul	93
91) Indeno(1,2,3-cd)pyrene	28.82	276	861523	14.124	ng/ul	94
93) Benzo(g,h,i)perylene	29.99	276	885233	17.382	ng/ul	97

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

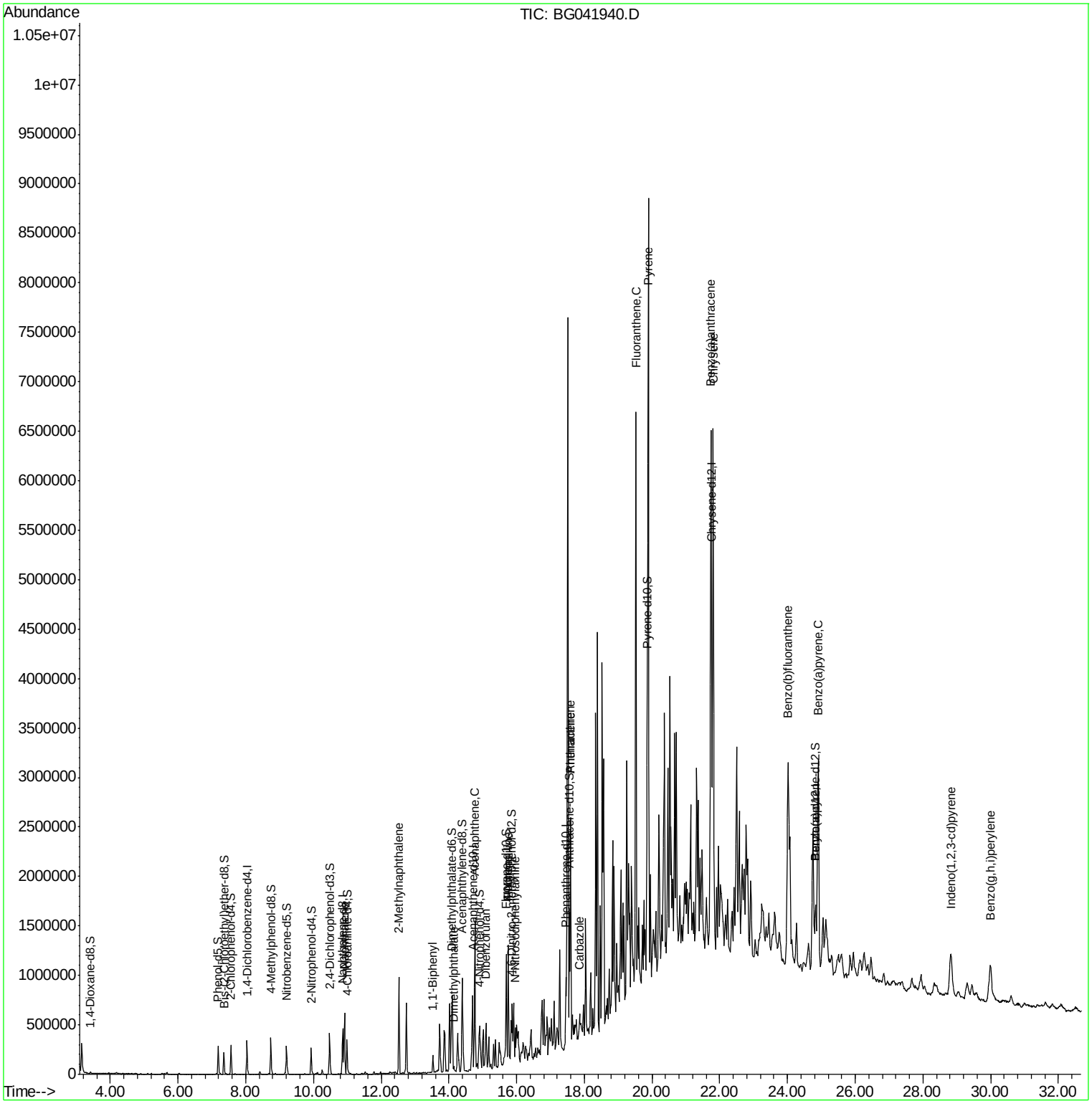
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

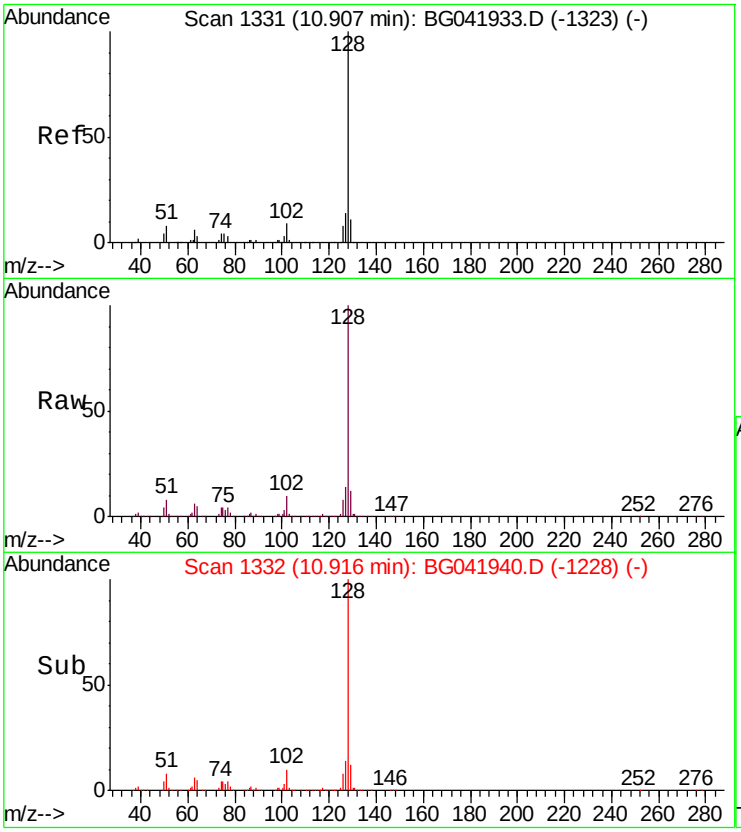
Quantitation Report (Not Reviewed)

Data File : BG041940.D
Acq On : 4 Aug 2019 13:07
Operator : HP/JU
Sample : K3850-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ1

Quant Time: Aug 05 01:23:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration



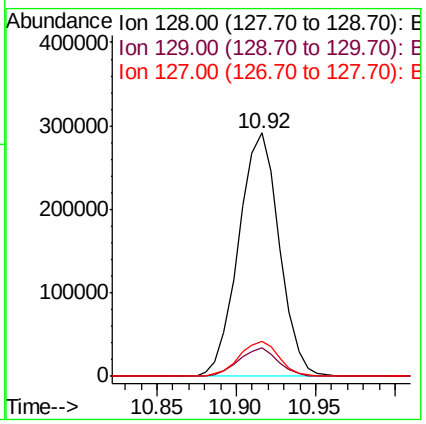


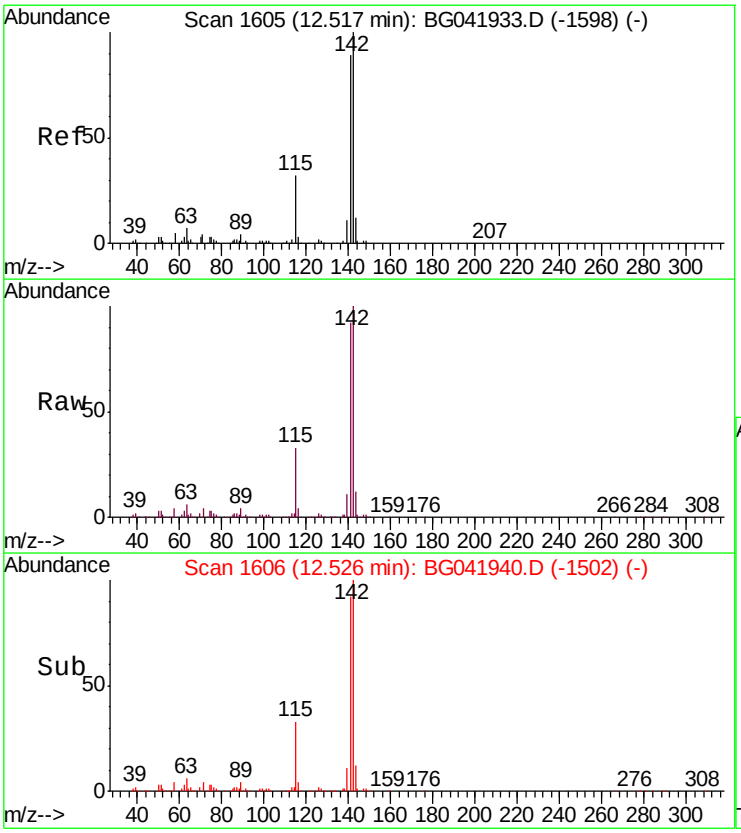
#28
Naphthalene
Concen: 23.856 ng/ul
RT: 10.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
BENQ1

Tgt Ion:128 Resp: 519232

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	14.4	11.4	17.0

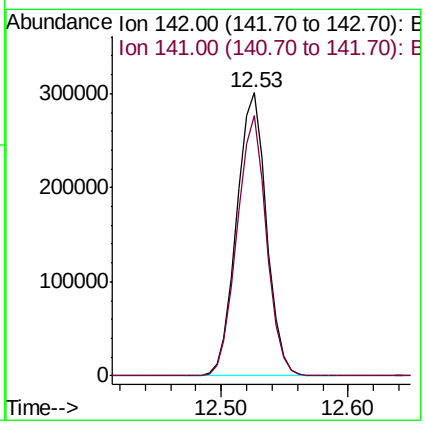


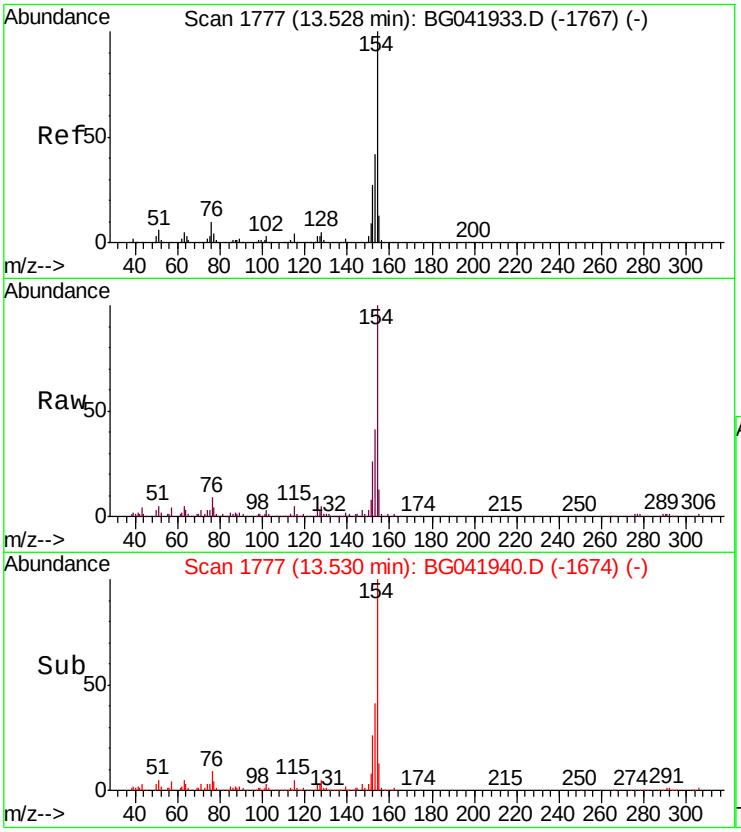


#34
2-Methylnaphthalene
Concen: 28.344 ng/ul
RT: 12.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Tgt Ion:142 Resp: 490336

Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.9	109.3



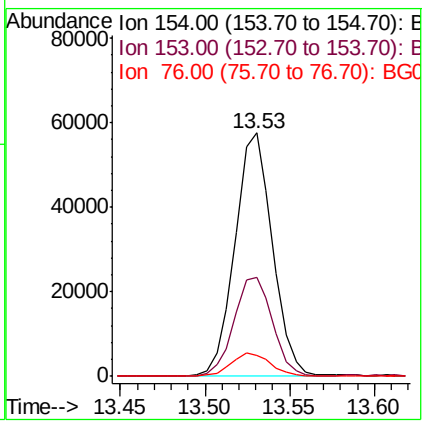


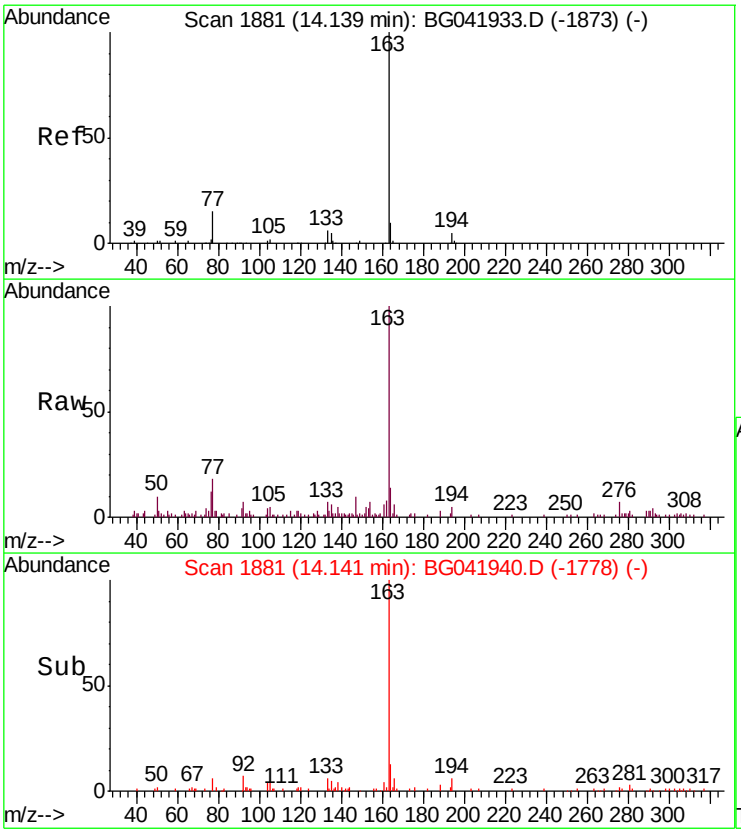
#40
1,1'-Biphenyl
Concen: 4.284 ng/ul
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
BENQ1

Tgt Ion:154 Resp: 88989

Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.6	48.8
76	8.8	8.6	13.0

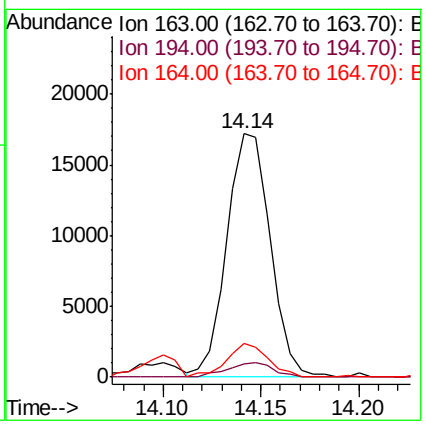


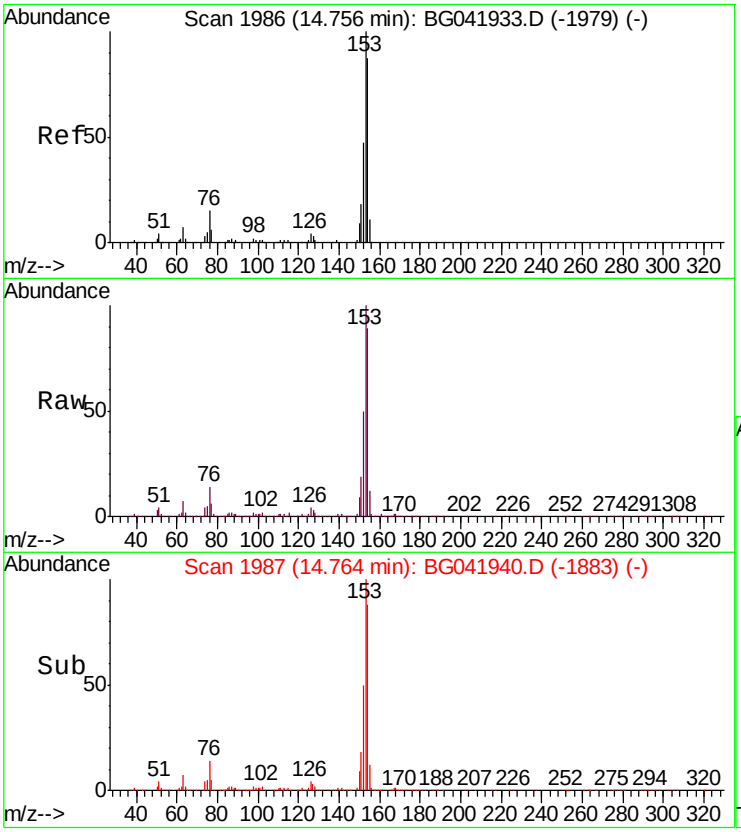


#44
Dimethylphthalate
Concen: 1.209 ng/ul
RT: 14.14 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Tgt Ion:163 Resp: 26585

Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.2	6.2
164	13.7	7.8	11.8#



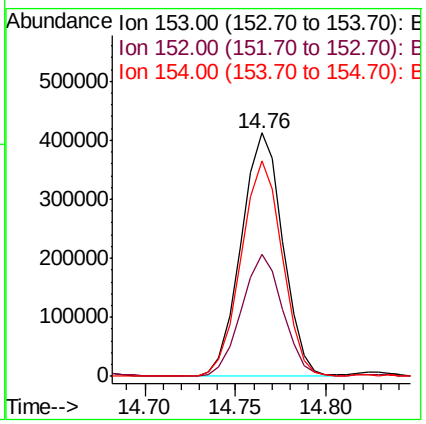


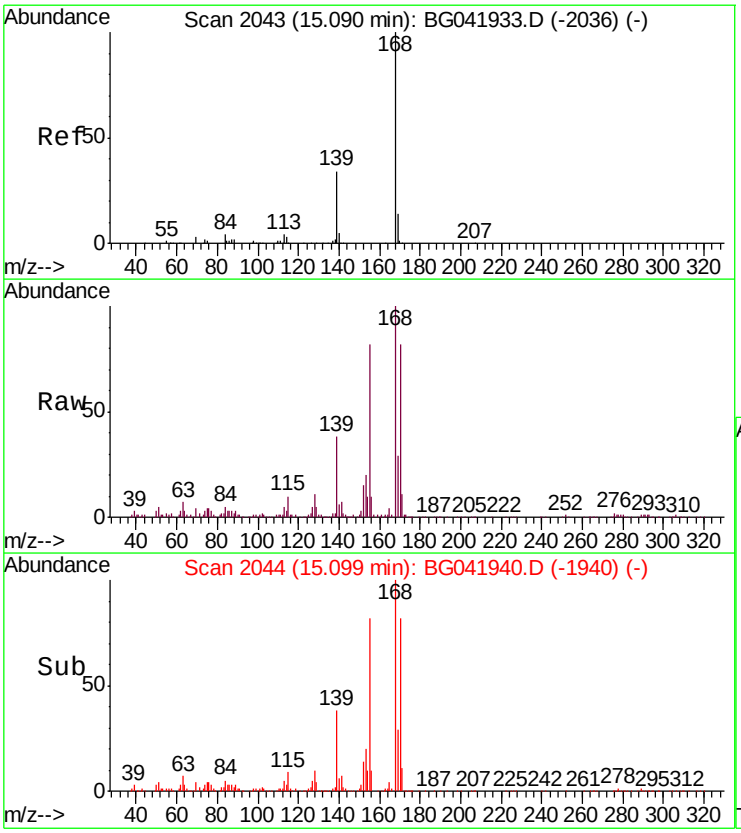
#49
Acenaphthene
Concen: 36.888 ng/ul
RT: 14.76 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
BENQ1

Tgt Ion:153 Resp: 658860

Ion	Ratio	Lower	Upper
153	100		
152	50.0	37.8	56.8
154	88.6	69.4	104.2

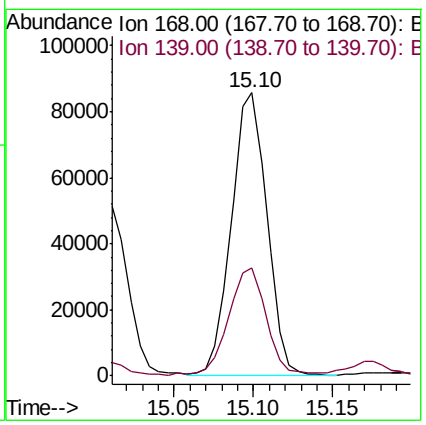


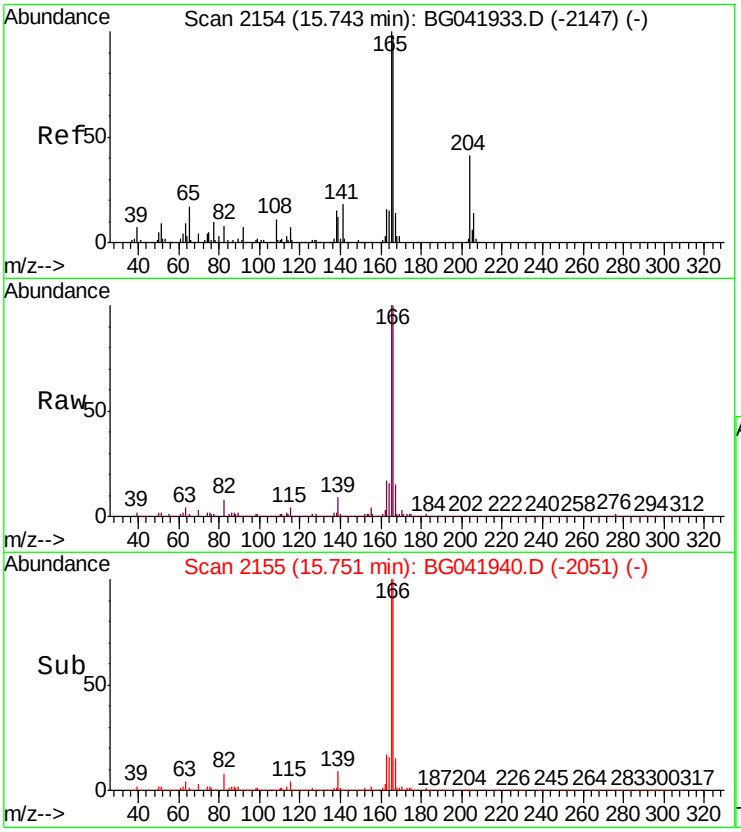


#53
Dibenzofuran
Concen: 5.012 ng/ul
RT: 15.10 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Tgt Ion:168 Resp: 133593

Ion	Ratio	Lower	Upper
168	100		
139	38.4	27.3	40.9



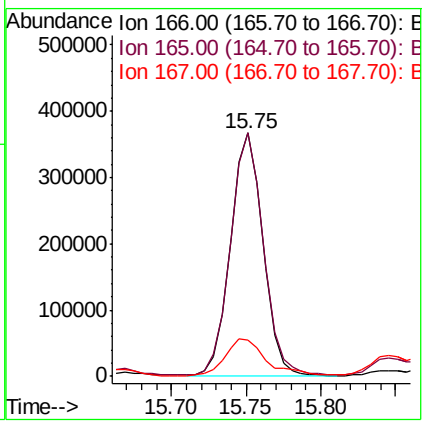


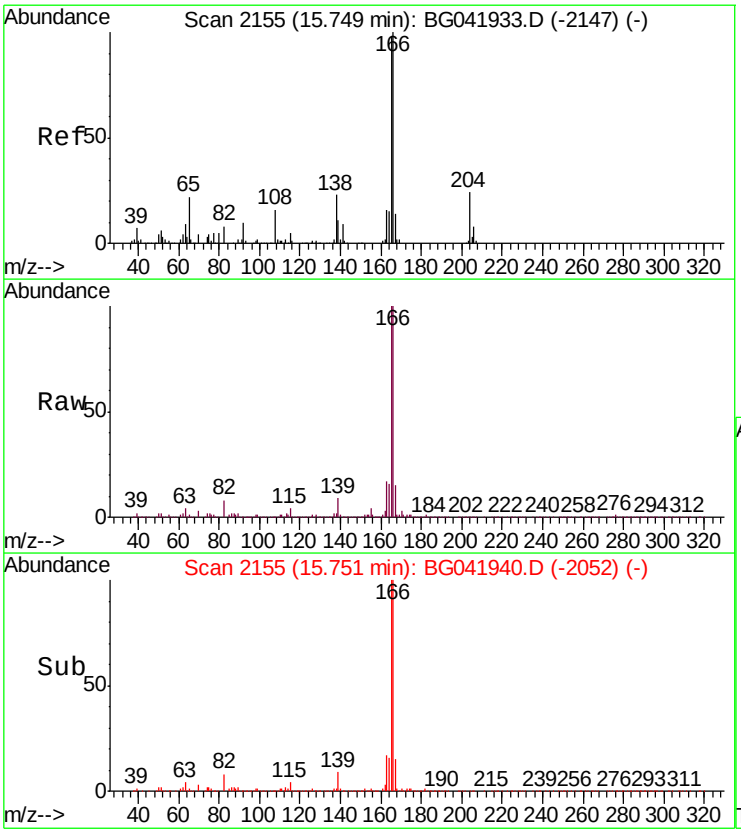
#58
Fluorene
Concen: 25.840 ng/ul
RT: 15.75 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
BENQ1

Tgt Ion:166 Resp: 554801

Ion	Ratio	Lower	Upper
166	100		
165	100.2	81.1	121.7
167	15.0	11.0	16.4

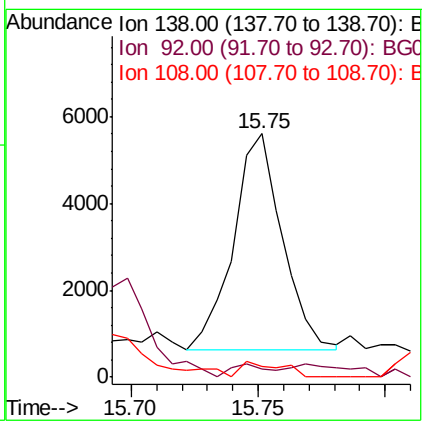


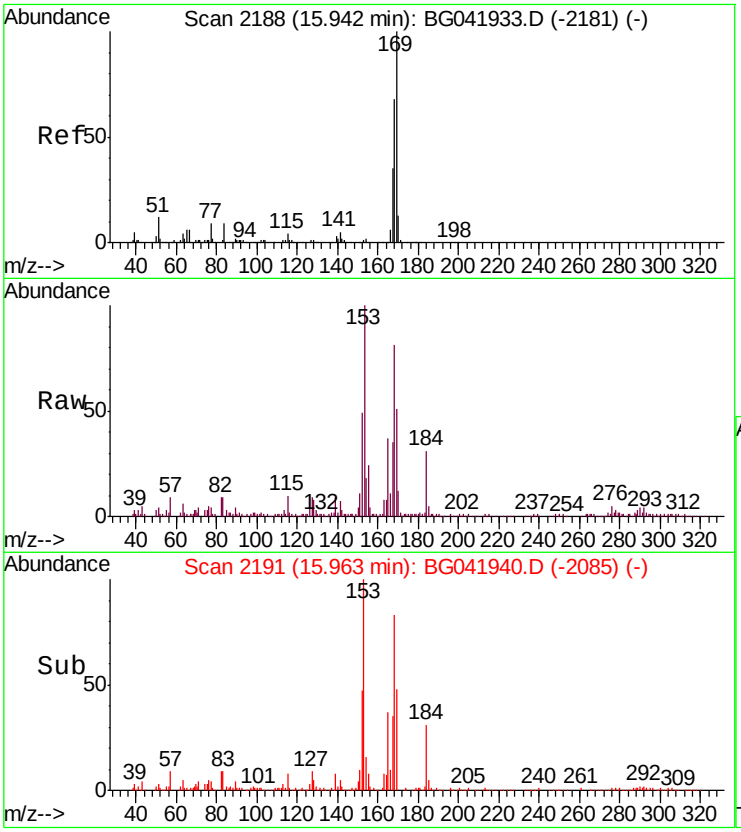


#60
4-Nitroaniline
Concen: 1.575 ng/ul
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Tgt Ion:138 Resp: 6696

Ion	Ratio	Lower	Upper
138	100		
92	3.4	34.6	51.8#
108	4.4	54.2	81.2#



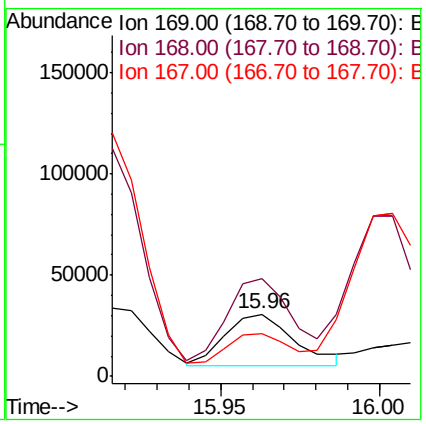


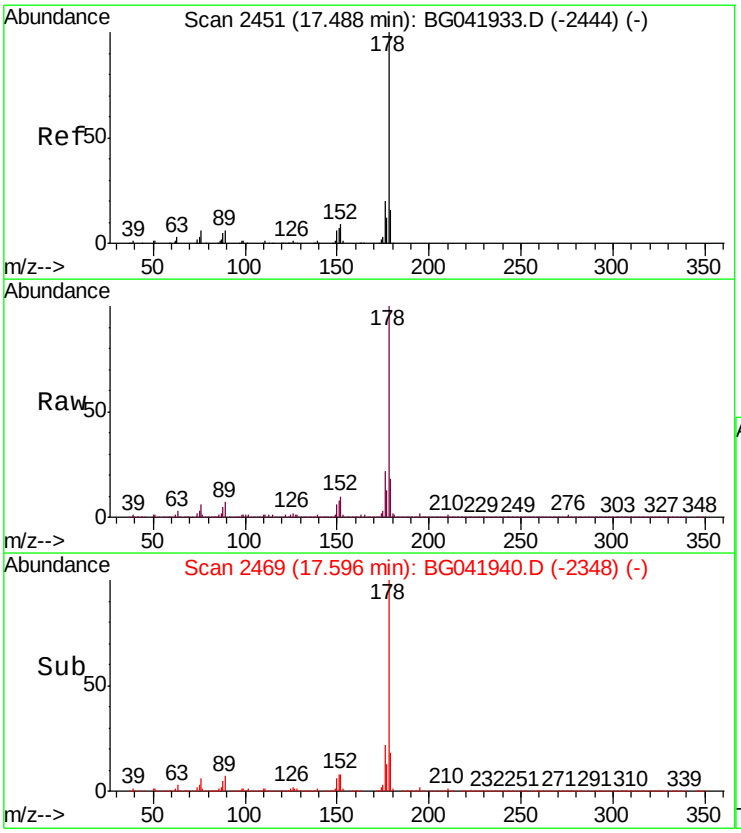
#64
N-Nitrosodiphenylamine
Concen: 2.277 ng/ul
RT: 15.96 min Scan# 2191
Delta R.T. 0.02 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
BENQ1

Tgt Ion:169 Resp: 38844

Ion	Ratio	Lower	Upper
169	100		
168	157.9	55.0	82.4#
167	68.0	29.5	44.3#

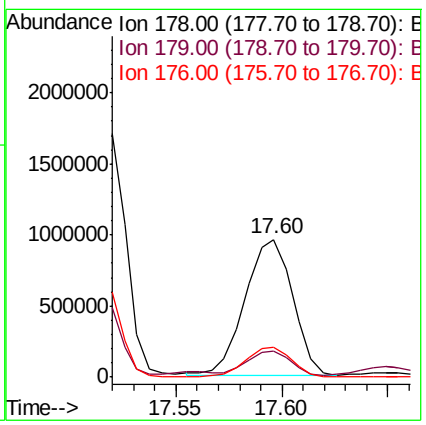


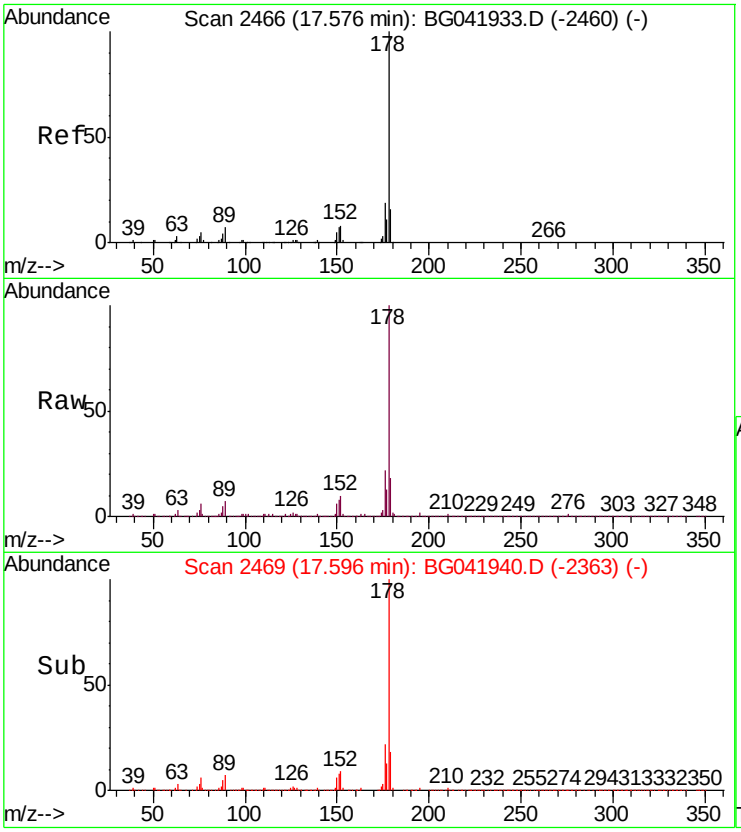


#69
Phenanthrene
Concen: 47.464 ng/ul
RT: 17.60 min Scan# 2469
Delta R.T. 0.11 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Tgt Ion:178 Resp: 1494176

Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.8	19.2
176	22.1	15.4	23.2



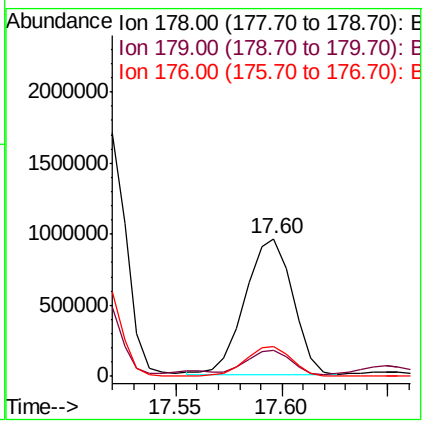


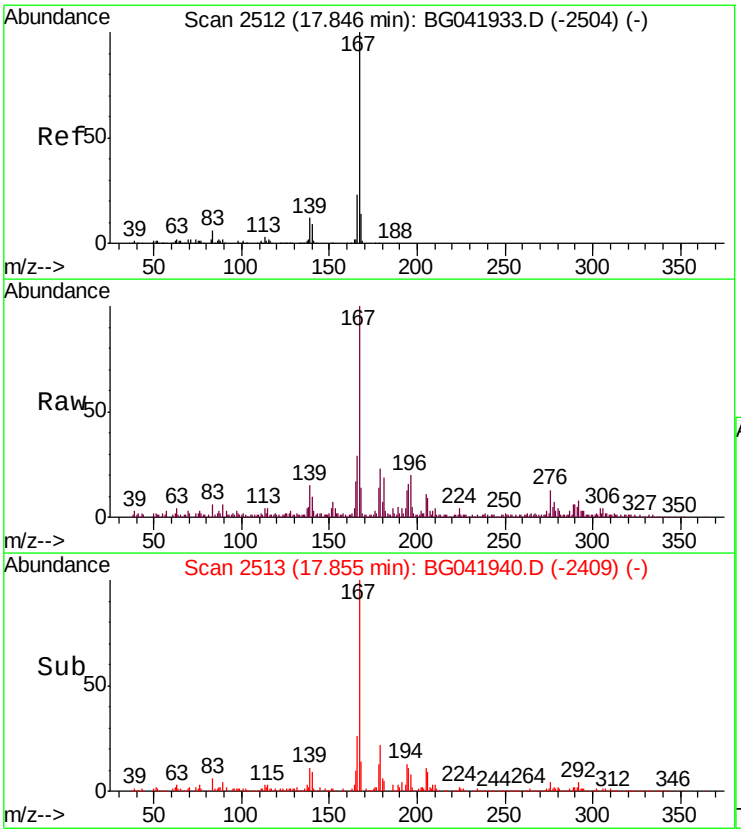
#71
Anthracene
Concen: 46.797 ng/ul
RT: 17.60 min Scan# 2469
Delta R.T. 0.02 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
BENQ1

Tgt Ion:178 Resp: 1494176

Ion	Ratio	Lower	Upper
178	100		
179	18.5	13.4	20.0
176	22.1	15.4	23.2

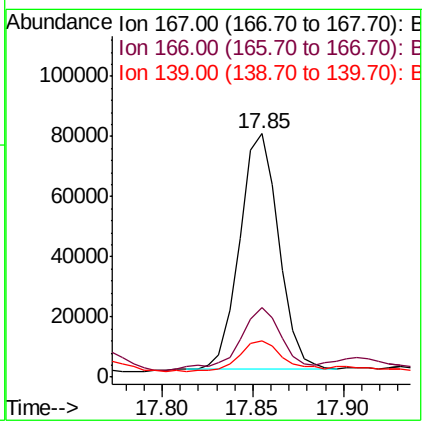


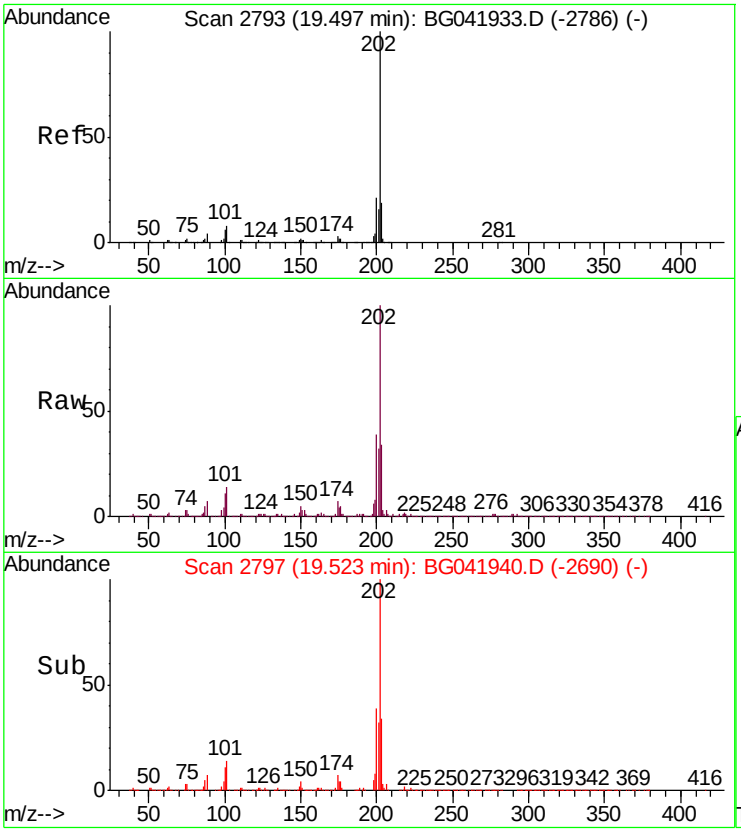


#74
Carbazole
Concen: 4.457 ng/ul
RT: 17.85 min Scan# 2513
Delta R.T. 0.01 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Tgt Ion:167 Resp: 117883

Ion	Ratio	Lower	Upper
167	100		
166	28.7	18.2	27.4#
139	15.0	9.6	14.4#



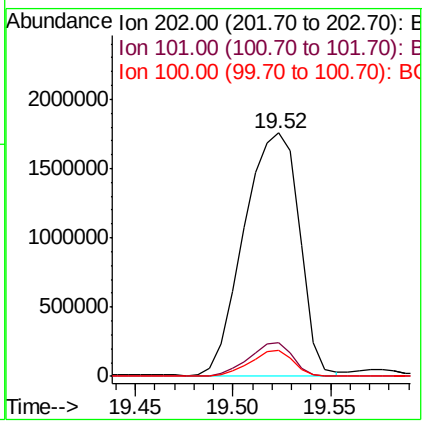


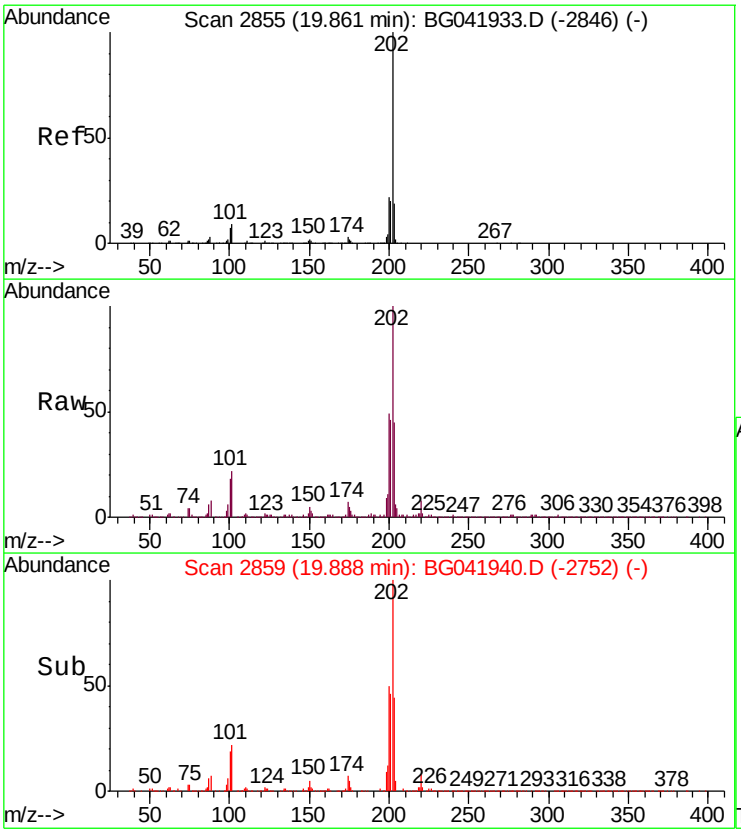
#76
Fluoranthene
Concen: 93.993 ng/ul
RT: 19.52 min Scan# 2797
Delta R.T. 0.03 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
BENQ1

Tgt Ion:202 Resp: 3418810

Ion	Ratio	Lower	Upper
202	100		
101	13.9	6.7	10.1#
100	10.6	5.3	7.9#

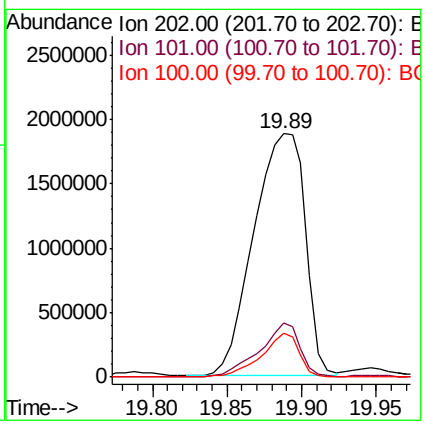


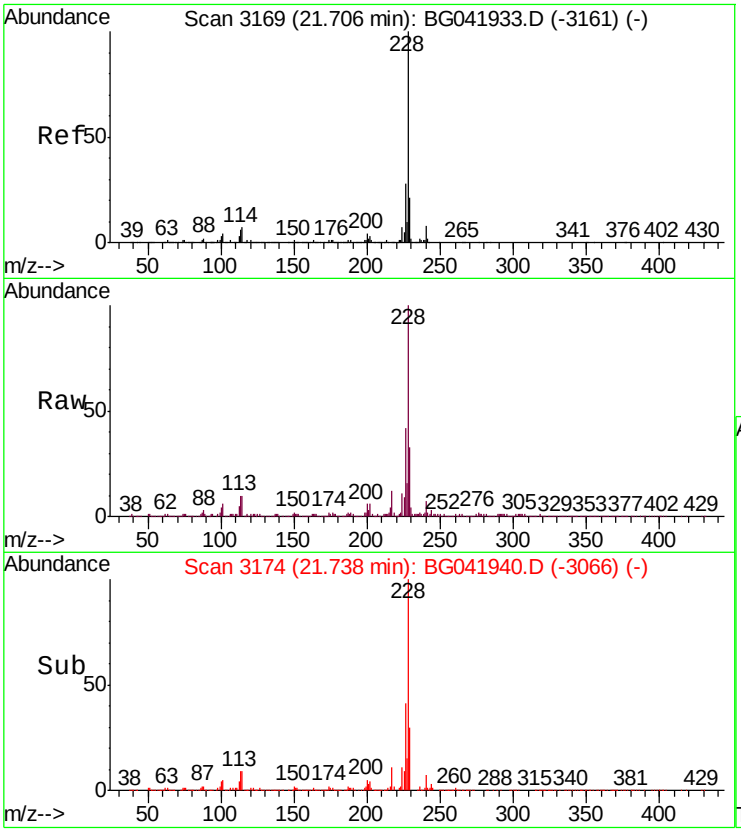


#79
Pyrene
Concen: 113.099 ng/ul
RT: 19.89 min Scan# 2859
Delta R.T. 0.03 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Tgt Ion:202 Resp: 4514343

Ion	Ratio	Lower	Upper
202	100		
101	22.2	7.6	11.4#
100	18.3	6.5	9.7#



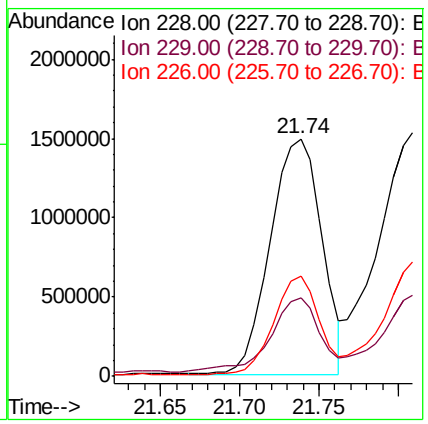


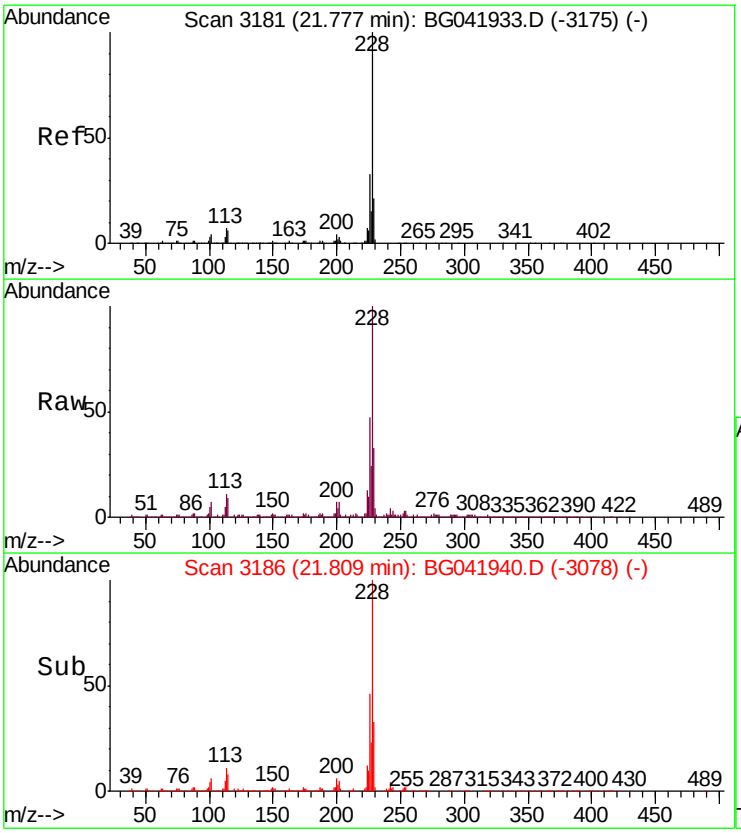
#82
Benzo(a)anthracene
Concen: 81.552 ng/ul
RT: 21.74 min Scan# 3174
Delta R.T. 0.03 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
BENQ1

Tgt Ion:228 Resp: 3355303

Ion	Ratio	Lower	Upper
228	100		
229	32.9	17.0	25.6#
226	42.3	23.3	34.9#

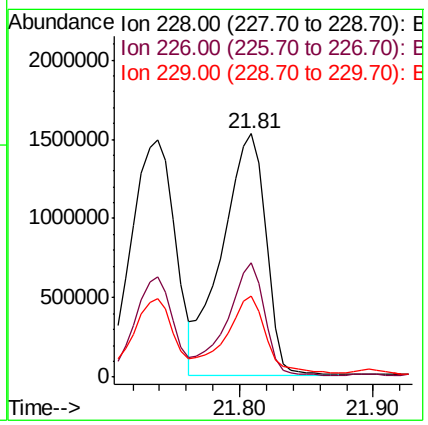


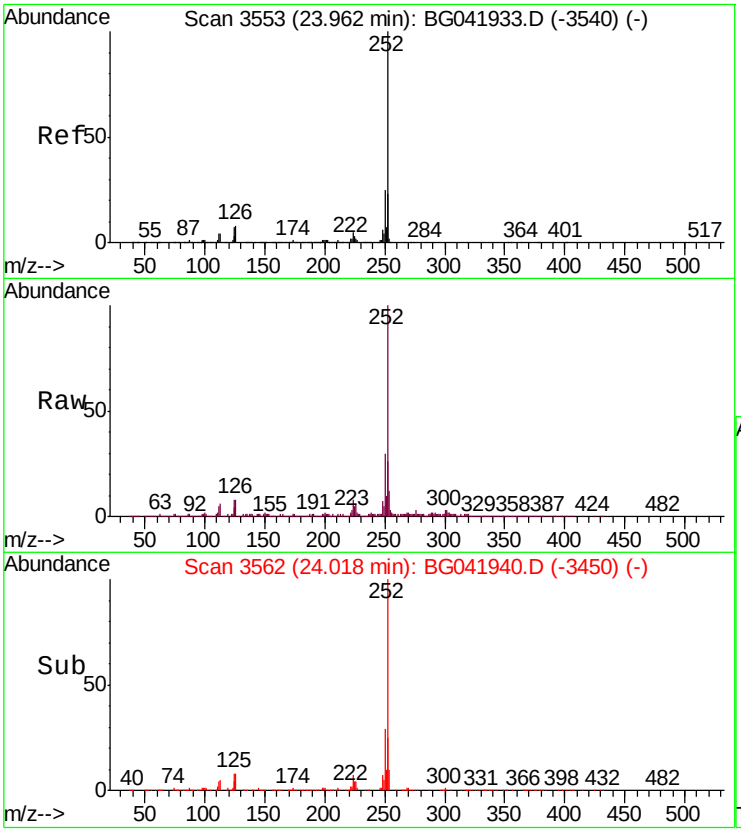


#84
Chrysene
Concen: 90.634 ng/ul
RT: 21.81 min Scan# 3186
Delta R.T. 0.03 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Tgt Ion:228 Resp: 3480375

Ion	Ratio	Lower	Upper
228	100		
226	47.0	25.7	38.5#
229	33.4	16.6	24.8#



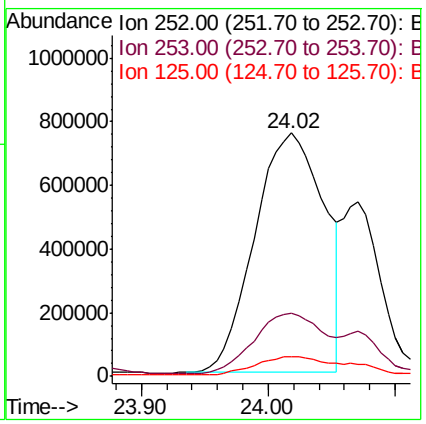


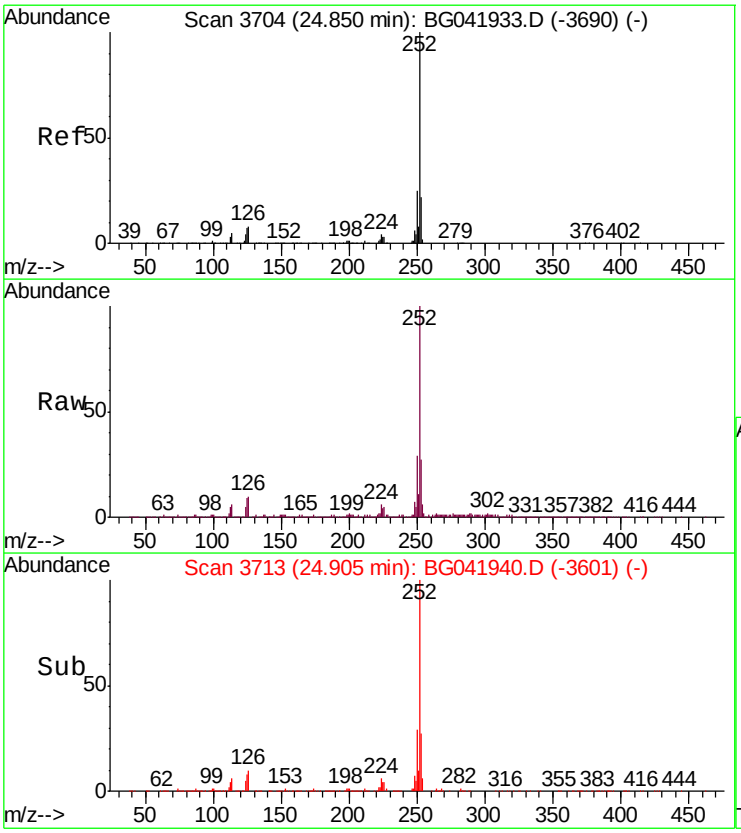
#87
Benzo(b)fluoranthene
Concen: 52.322 ng/ul
RT: 24.02 min Scan# 3562
Delta R.T. 0.06 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
BENQ1

Tgt Ion:252 Resp: 2871512

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.4	27.6
125	8.3	5.8	8.8

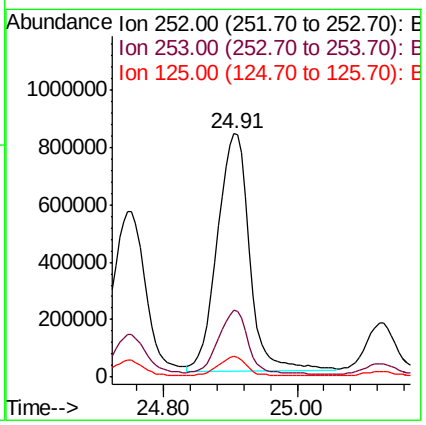


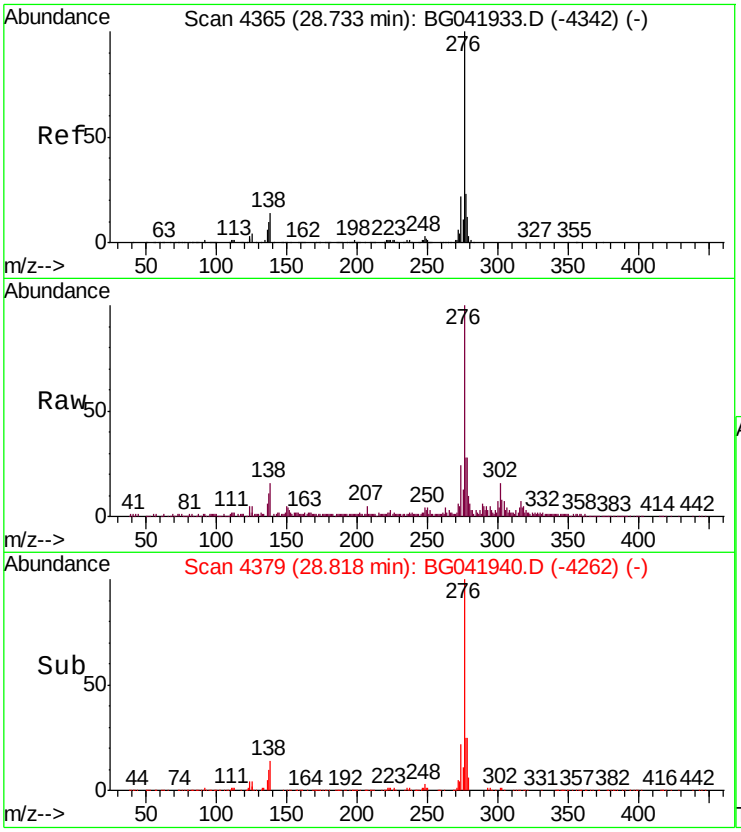


#90
Benzo(a)pyrene
Concen: 53.634 ng/ul
RT: 24.91 min Scan# 3713
Delta R.T. 0.06 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Tgt Ion:252 Resp: 2804929

Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.3	27.5
125	8.6	6.5	9.7



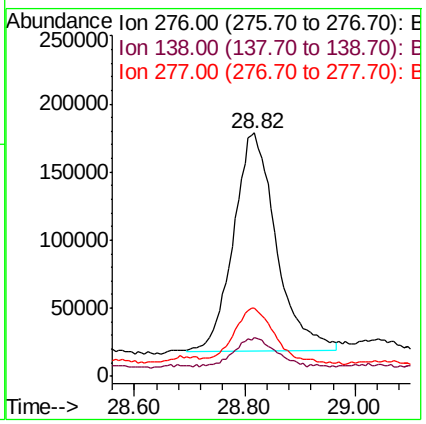


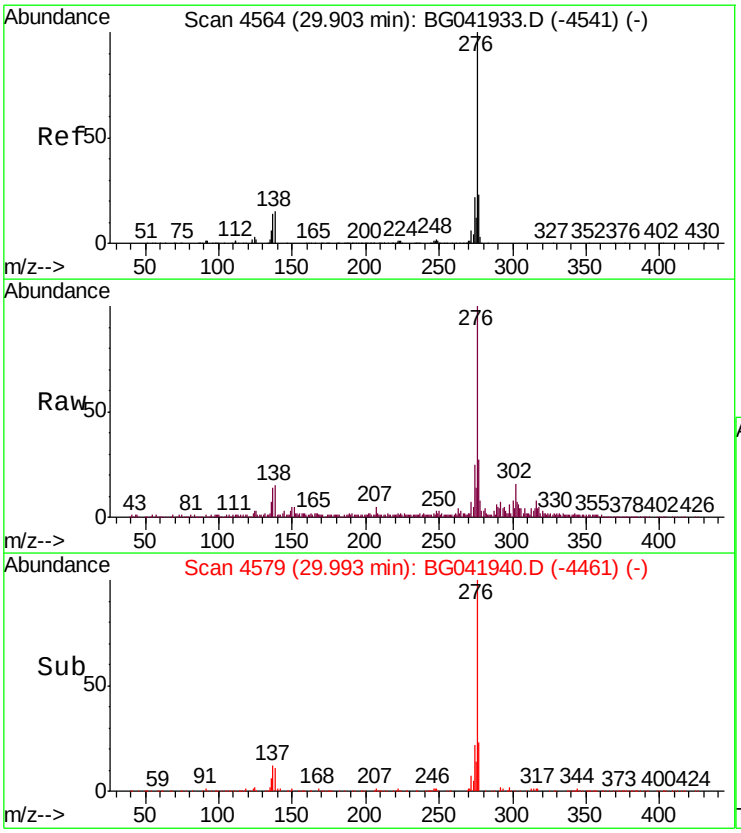
#91
Indeno(1,2,3-cd)pyrene
Concen: 14.124 ng/ul
RT: 28.82 min Scan# 4379
Delta R.T. 0.09 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
BENQ1

Tgt Ion:276 Resp: 861523

Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.0	18.0
277	28.0	19.2	28.8





#93
Benzo(g,h,i)perylene
Concen: 17.382 ng/ul
RT: 29.99 min Scan# 4579
Delta R.T. 0.09 min
Lab File: BG041940.D
Acq: 4 Aug 2019 13:07

Tgt Ion:276 Resp: 885233

Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.6	18.8
277	26.6	19.2	28.8