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

Quantitation Report (Not Reviewed)

Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ3

Quant Time: Aug 05 01:23:42 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	98977	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	397529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	260944	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.56	188	662117	20.00	ng/ul	0.11
77) Chrysene-d12	21.75	240	531858	20.00	ng/ul	0.02
85) Perylene-d12	24.81	264	769646	20.00	ng/ul	-0.18
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	942	0.42	ng/uL	0.00
5) Phenol-d5	7.19	99	153977	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	93520	21.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	142972	21.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	131025	20.09	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	75979	25.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	91632	26.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	163004	23.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	187395	24.08	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	482685	23.85	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	623694	26.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	65632	19.31	ng/ul	0.01
57) Fluorene-d10	15.69	176	436314	24.23	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.90	200	562	0.13	ng/ul	0.10
70) Anthracene-d10	17.56	188	662117	20.84	ng/ul	0.01
78) Pyrene-d10	19.84	212	740856	24.96	ng/ul	0.01
89) Benzo(a)pyrene-d12	24.81	264	769646	19.14	ng/ul	0.04
Target Compounds						Qvalue
28) Naphthalene	10.91	128	242828	11.948	ng/ul	97
34) 2-Methylnaphthalene	12.52	142	265716	16.450	ng/ul	98
40) 1,1'-Biphenyl	13.53	154	50296	2.651	ng/ul	98
44) Dimethylphthalate	14.14	163	26574	1.322	ng/ul	100
49) Acenaphthene	14.77	153	398404	24.419	ng/ul	99
53) Dibenzofuran	15.09	168	78576	3.227	ng/ul	89
58) Fluorene	15.75	166	336029	17.133	ng/ul	98
60) 4-Nitroaniline	15.75	138	4459	1.148	ng/ul#	22
64) N-Nitrosodiphenylamine	16.02	169	29787	1.516	ng/ul#	23
69) Phenanthrene	17.59	178	1024384	28.261	ng/ul	97
71) Anthracene	17.59	178	1024384	27.864	ng/ul	97
76) Fluoranthene	19.61	202	47286	1.129	ng/ul#	83
79) Pyrene	19.52	202	2708648	75.712	ng/ul	99
82) Benzo(a)anthracene	21.73	228	2609074	70.752	ng/ul#	85
84) Chrysene	21.80	228	2676654	77.768	ng/ul#	84
87) Benzo(b)fluoranthene	24.01	252	2154642	44.610	ng/ul	96
88) Benzo(k)fluoranthene	24.01	252	2154642	46.397	ng/ul	95
90) Benzo(a)pyrene	24.74	252	1352282	29.381	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.39	276	77765	1.449	ng/ul	94
93) Benzo(g,h,i)perylene	29.96	276	294491	6.571	ng/ul	96

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

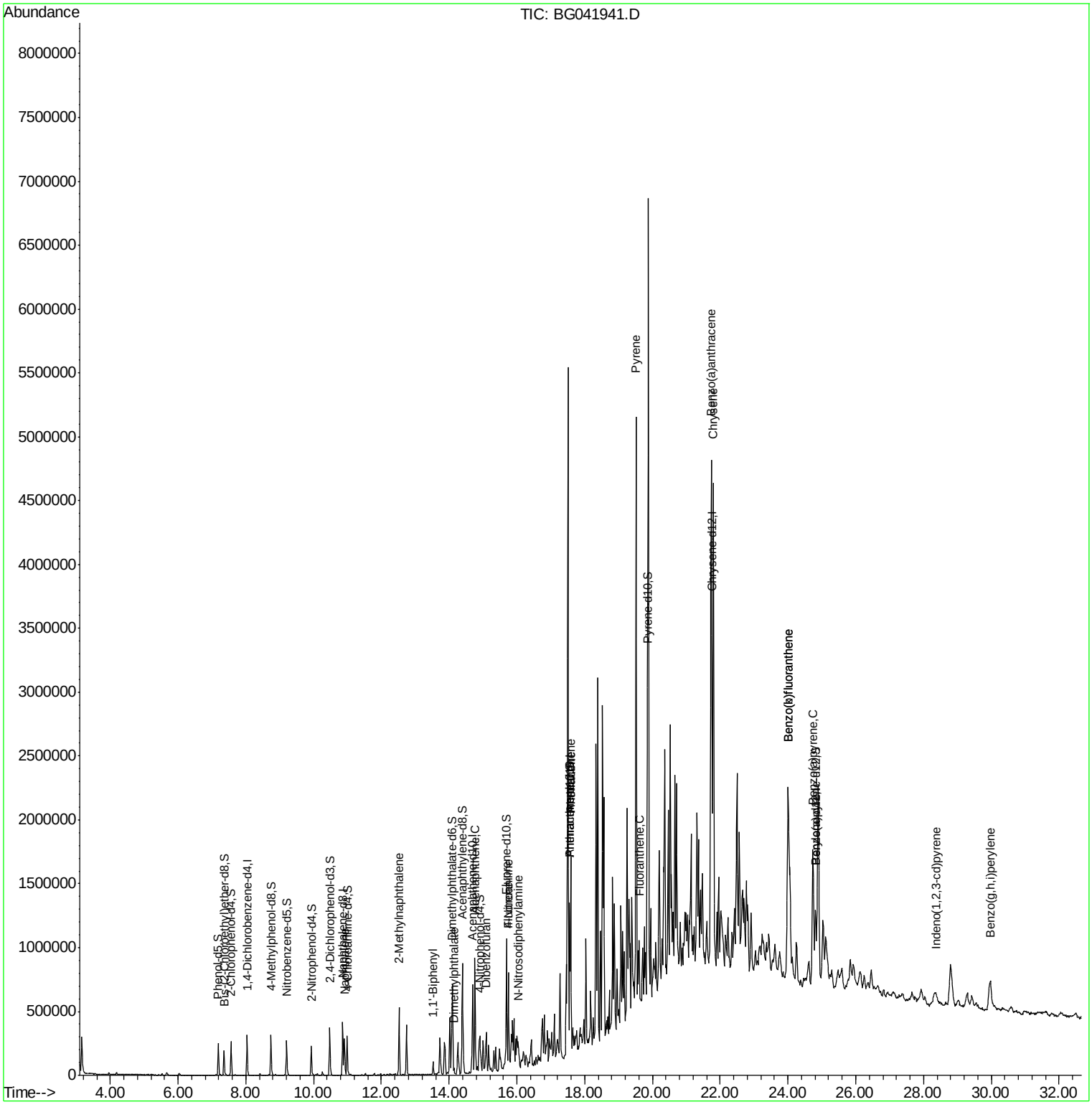
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

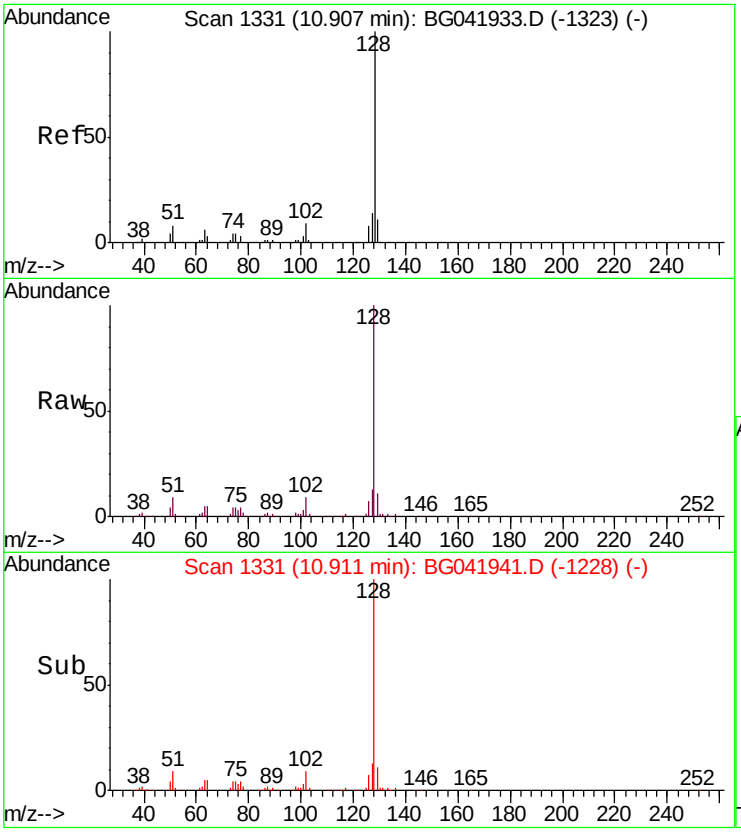
Quantitation Report (Not Reviewed)

Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Quant Time: Aug 05 01:23:42 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



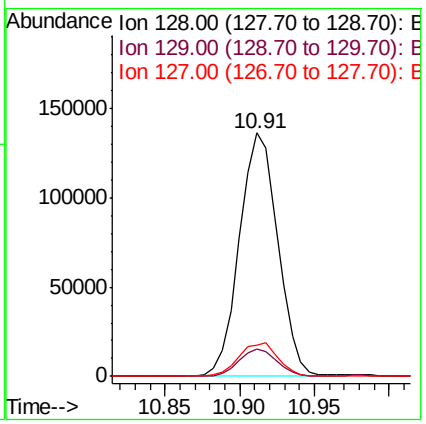


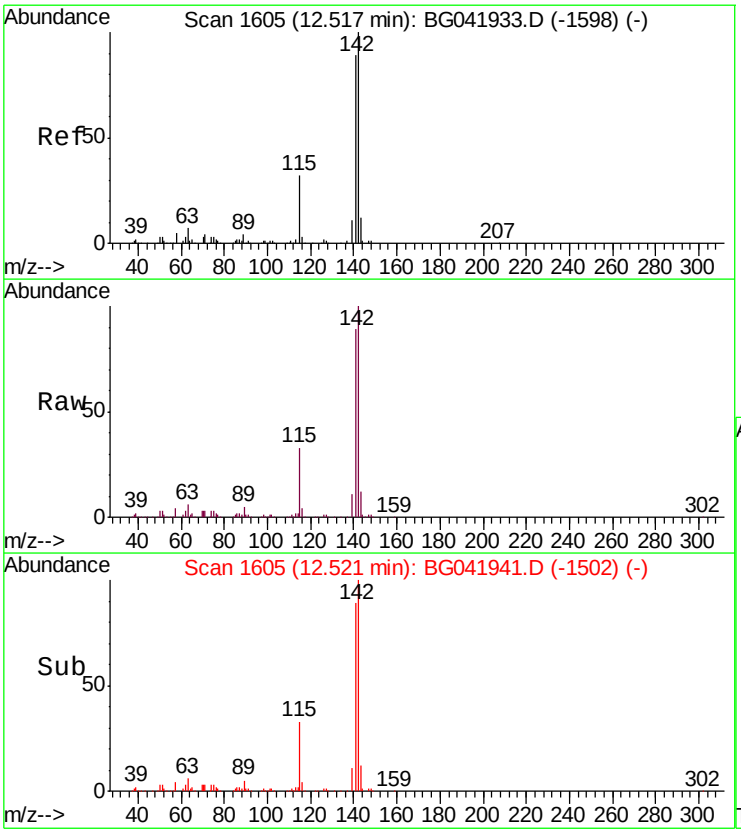
#28
Naphthalene
Concen: 11.948 ng/ul
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Instrument :
BNA_G
ClientSampleId :
BENQ3

Tgt Ion:128 Resp: 242828

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	12.8	11.4	17.0

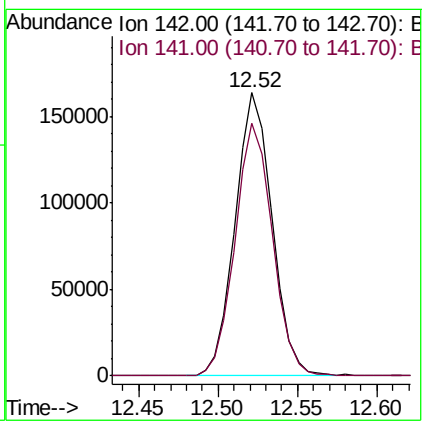


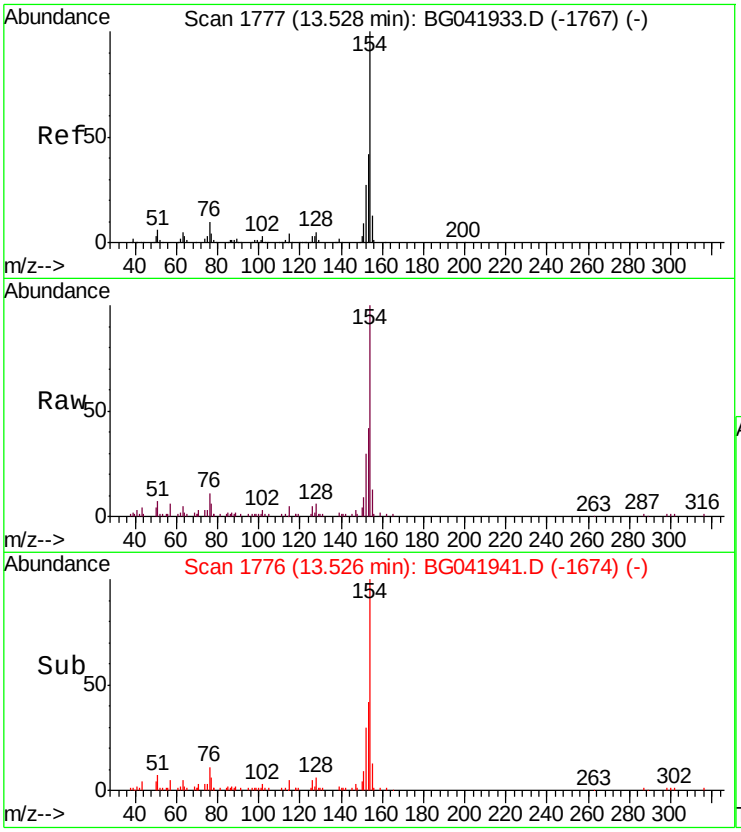


#34
2-Methylnaphthalene
Concen: 16.450 ng/ul
RT: 12.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Tgt Ion:142 Resp: 265716

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.9	109.3



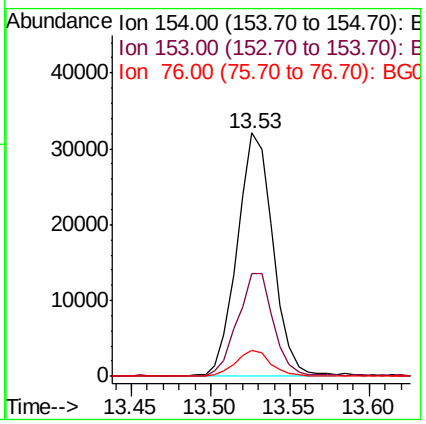


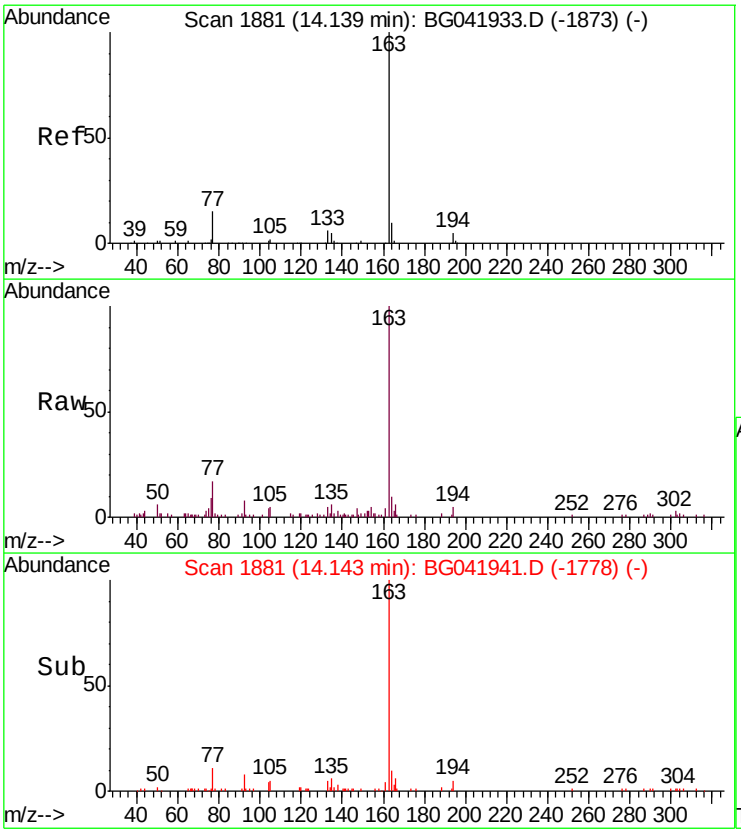
#40
1,1'-Biphenyl
Concen: 2.651 ng/ul
RT: 13.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Instrument :
BNA_G
ClientSampleId :
BENQ3

Tgt Ion:154 Resp: 50296

Ion	Ratio	Lower	Upper
154	100		
153	42.1	32.6	48.8
76	10.9	8.6	13.0

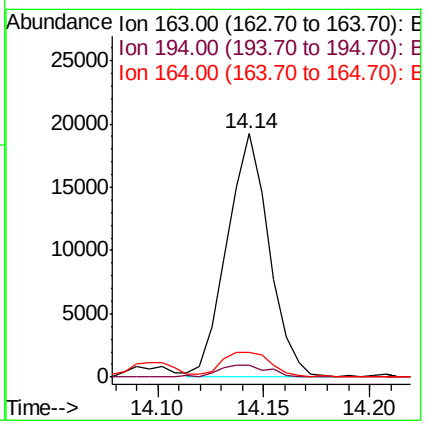


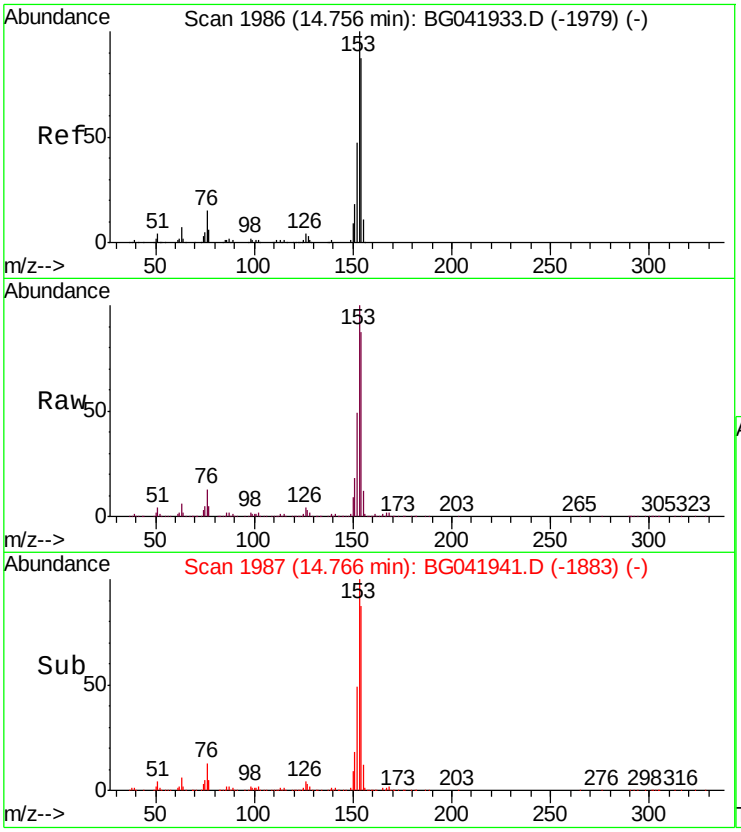


#44
Dimethylphthalate
Concen: 1.322 ng/ul
RT: 14.14 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Tgt Ion:163 Resp: 26574

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	9.9	7.8	11.8



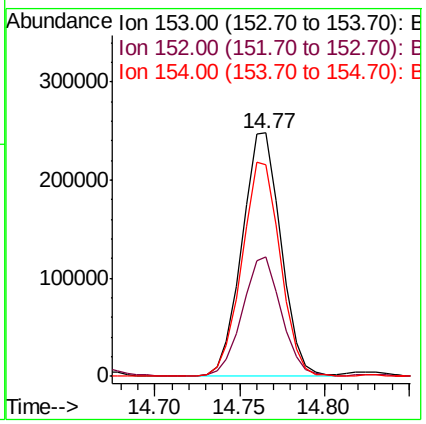


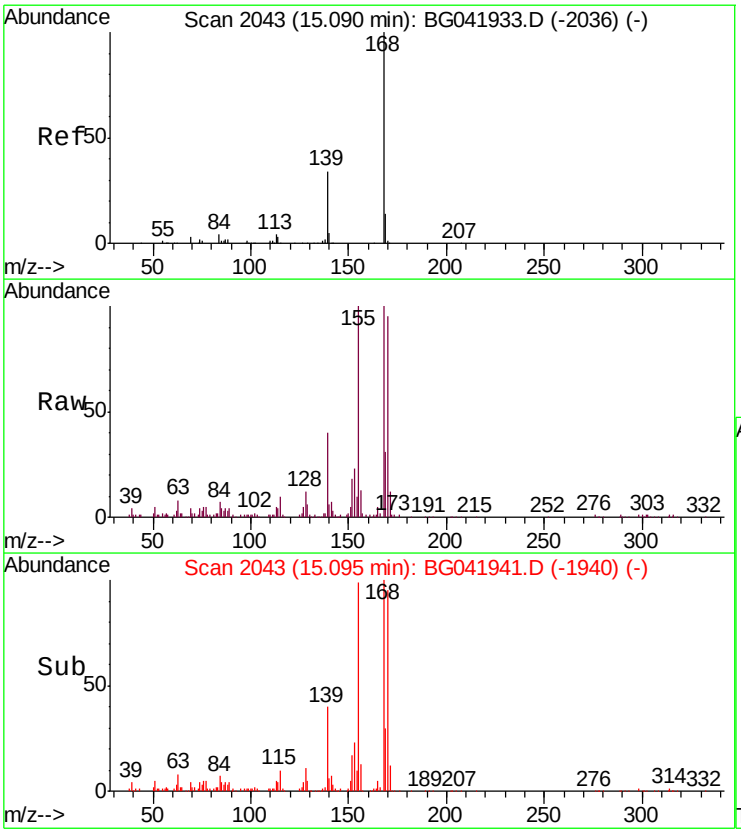
#49
Acenaphthene
Concen: 24.419 ng/ul
RT: 14.77 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Instrument :
BNA_G
ClientSampleId :
BENQ3

Tgt Ion:153 Resp: 398404

Ion	Ratio	Lower	Upper
153	100		
152	48.9	37.8	56.8
154	87.0	69.4	104.2

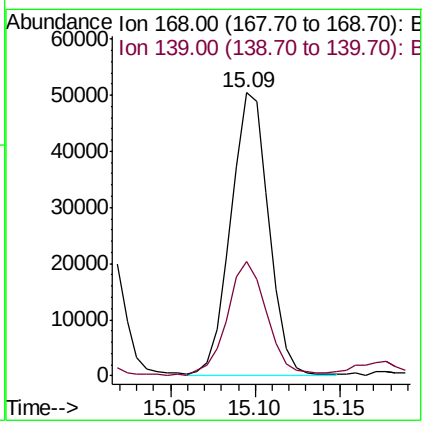


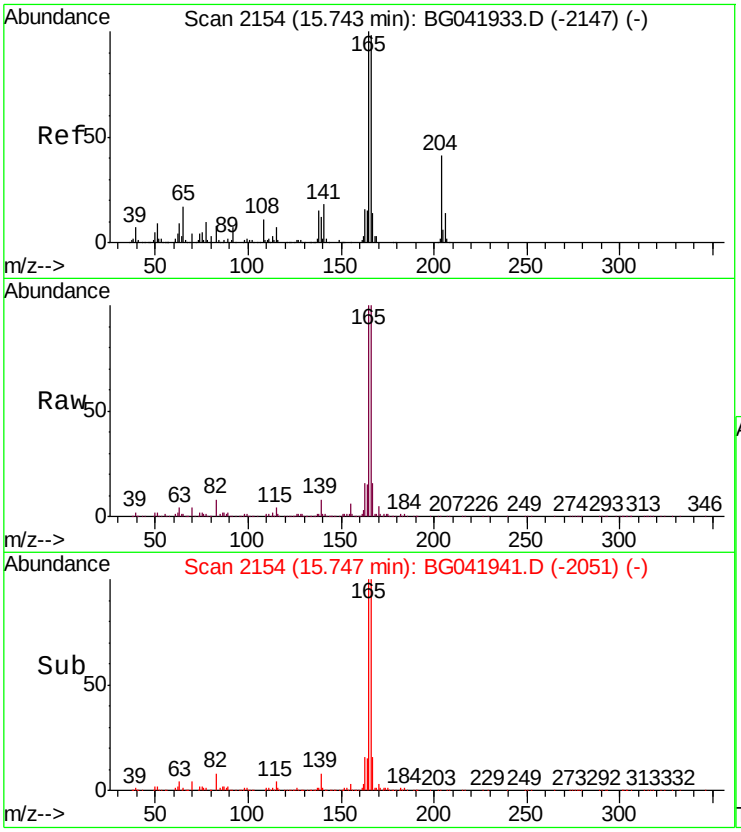


#53
Dibenzofuran
Concen: 3.227 ng/ul
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Tgt Ion:168 Resp: 78576

Ion	Ratio	Lower	Upper
168	100		
139	40.4	27.3	40.9



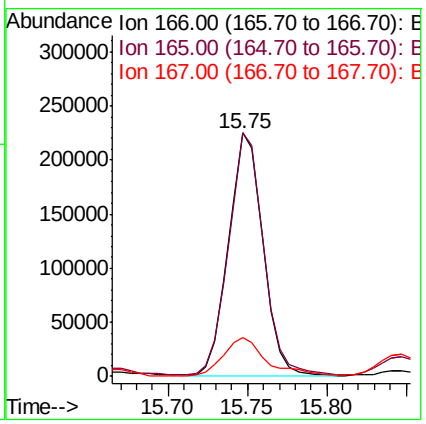


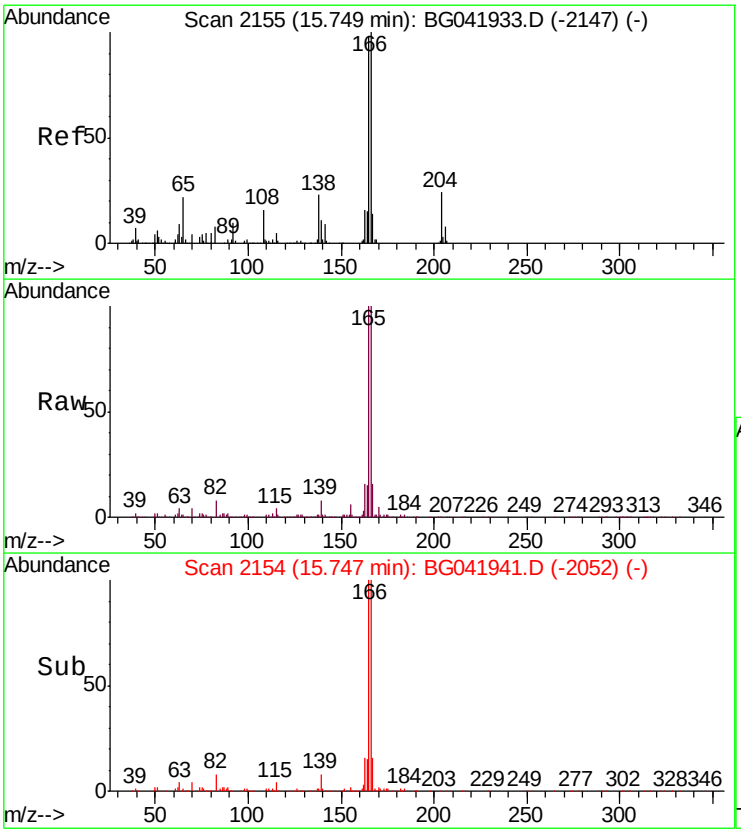
#58
Fluorene
Concen: 17.133 ng/ul
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Instrument :
BNA_G
ClientSampleId :
BENQ3

Tgt Ion:166 Resp: 336029

Ion	Ratio	Lower	Upper
166	100		
165	100.1	81.1	121.7
167	16.0	11.0	16.4

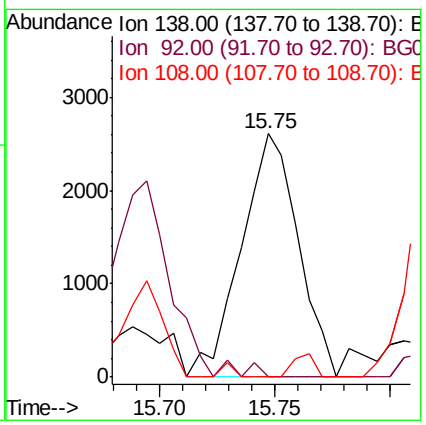


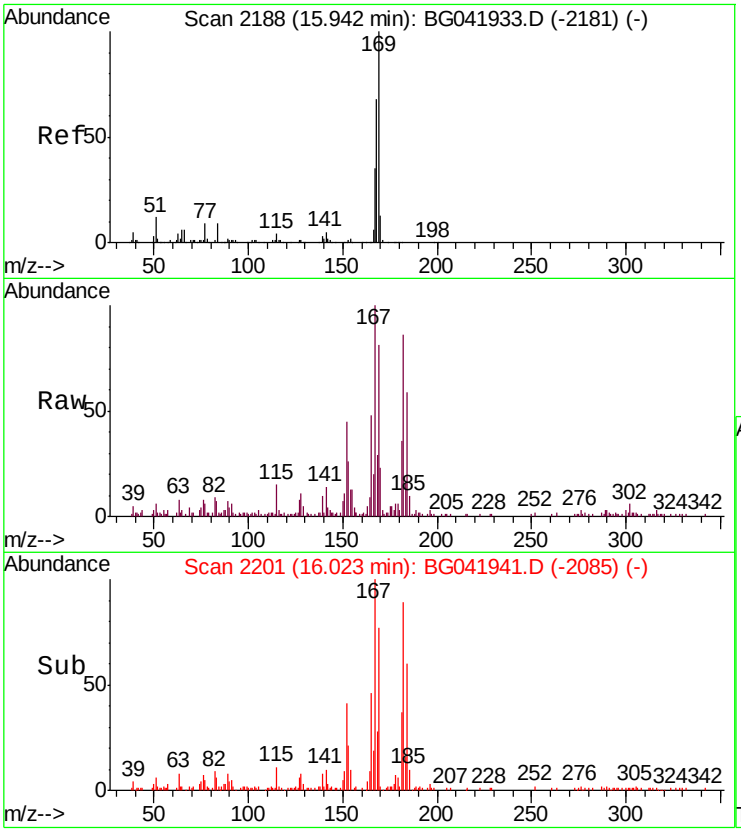


#60
4-Nitroaniline
Concen: 1.148 ng/ul
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Tgt Ion:138 Resp: 4459

Ion	Ratio	Lower	Upper
138	100		
92	0.0	34.6	51.8#
108	0.0	54.2	81.2#



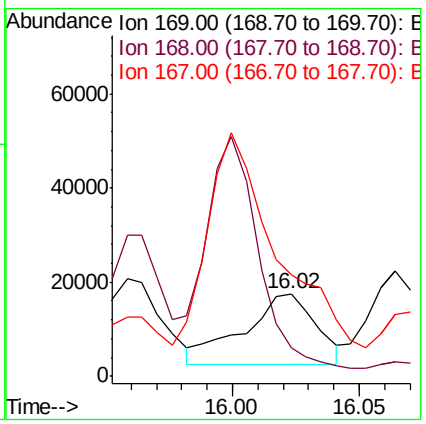


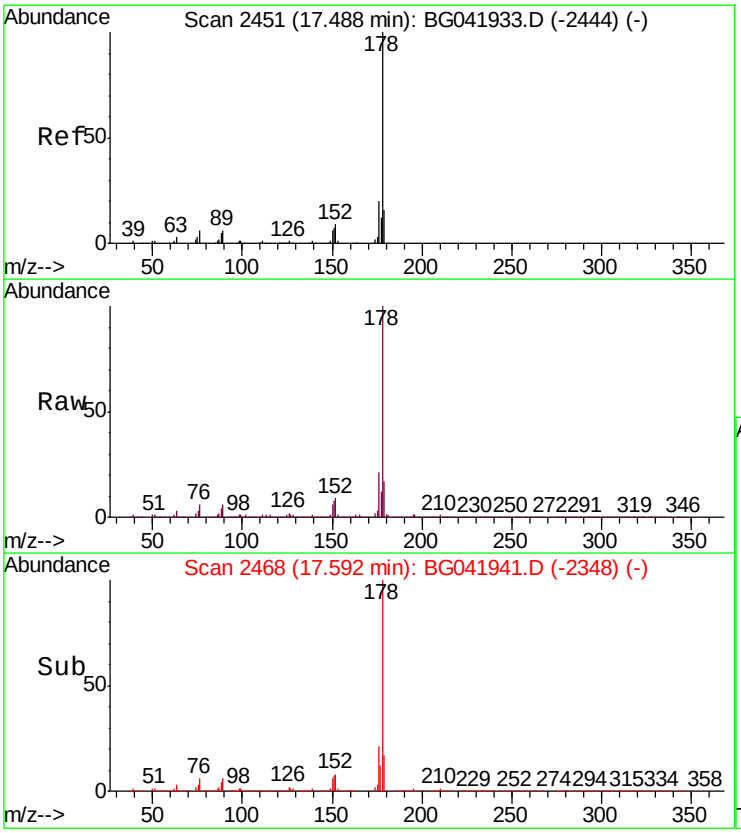
#64
N-Nitrosodiphenylamine
Concen: 1.516 ng/ul
RT: 16.02 min Scan# 2201
Delta R.T. 0.08 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Instrument :
BNA_G
ClientSampleId :
BENQ3

Tgt Ion:169 Resp: 29787

Ion	Ratio	Lower	Upper
169	100		
168	35.1	55.0	82.4#
167	122.8	29.5	44.3#

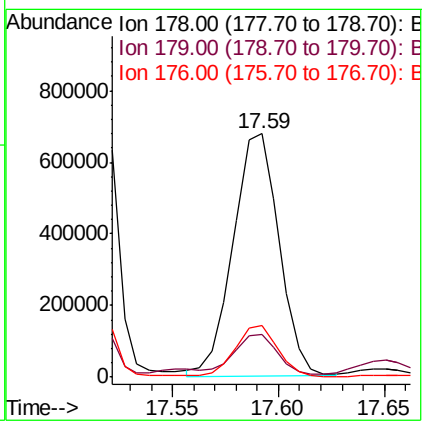


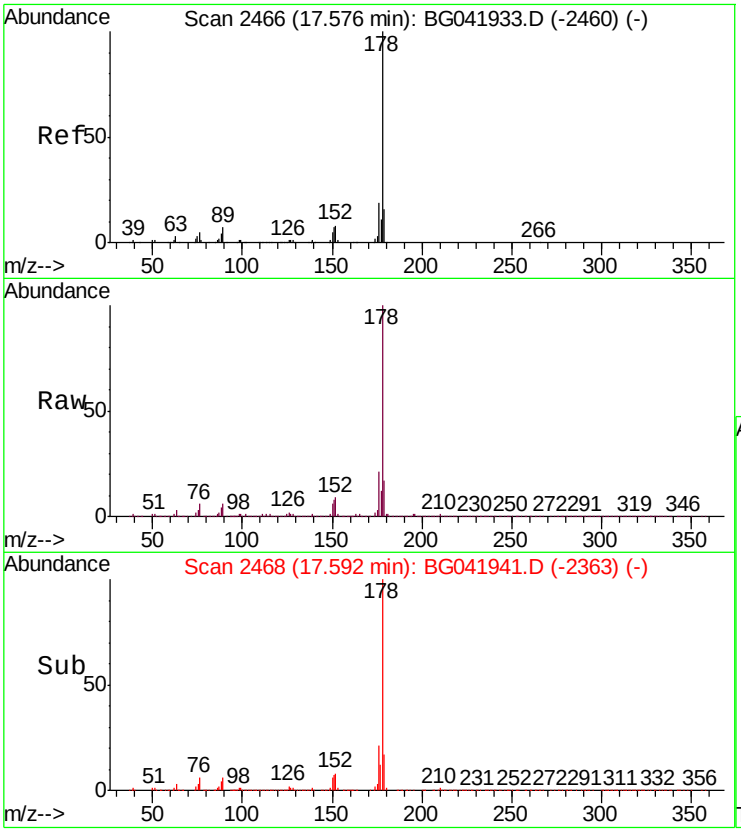


#69
Phenanthrene
Concen: 28.261 ng/ul
RT: 17.59 min Scan# 2468
Delta R.T. 0.10 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Tgt Ion:178 Resp: 1024384

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.8	19.2
176	21.0	15.4	23.2



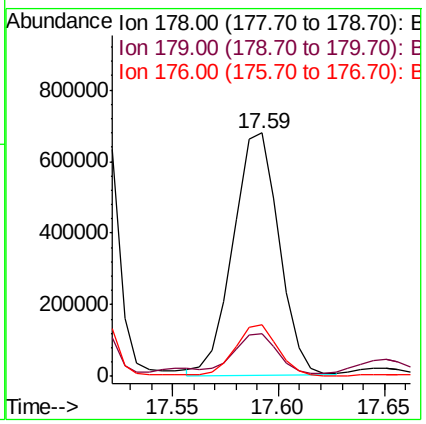


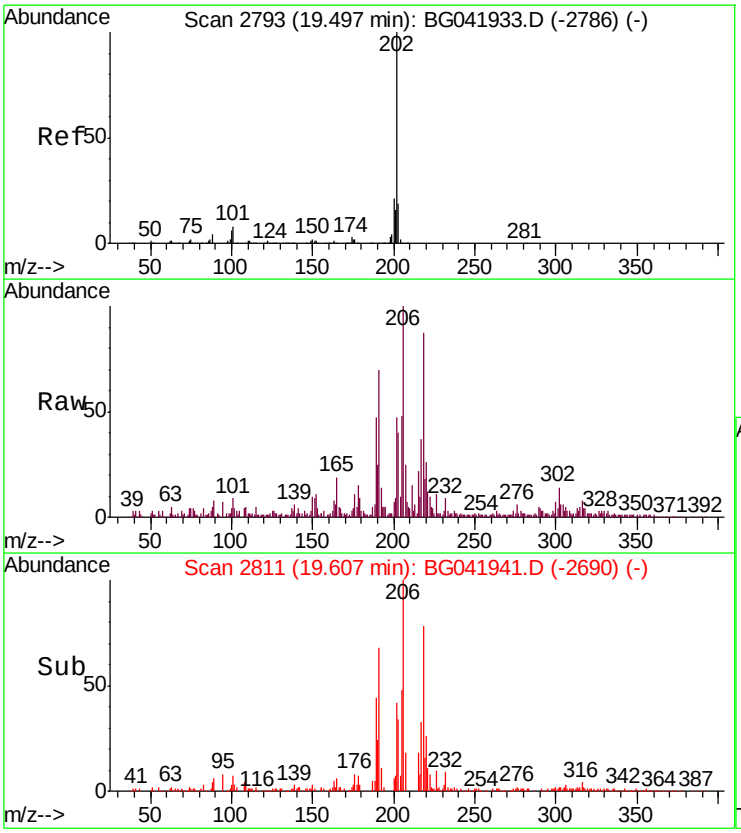
#71
Anthracene
Concen: 27.864 ng/ul
RT: 17.59 min Scan# 2468
Delta R.T. 0.02 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Instrument :
BNA_G
ClientSampleId :
BENQ3

Tgt Ion:178 Resp: 1024384

Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.4	20.0
176	21.0	15.4	23.2

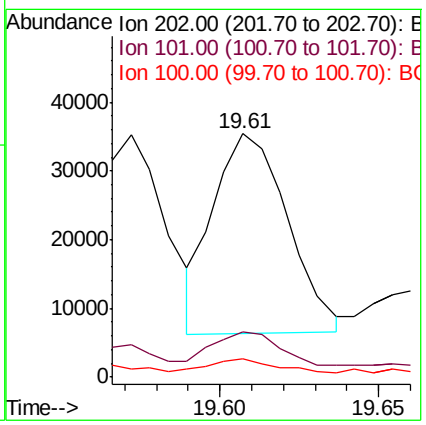


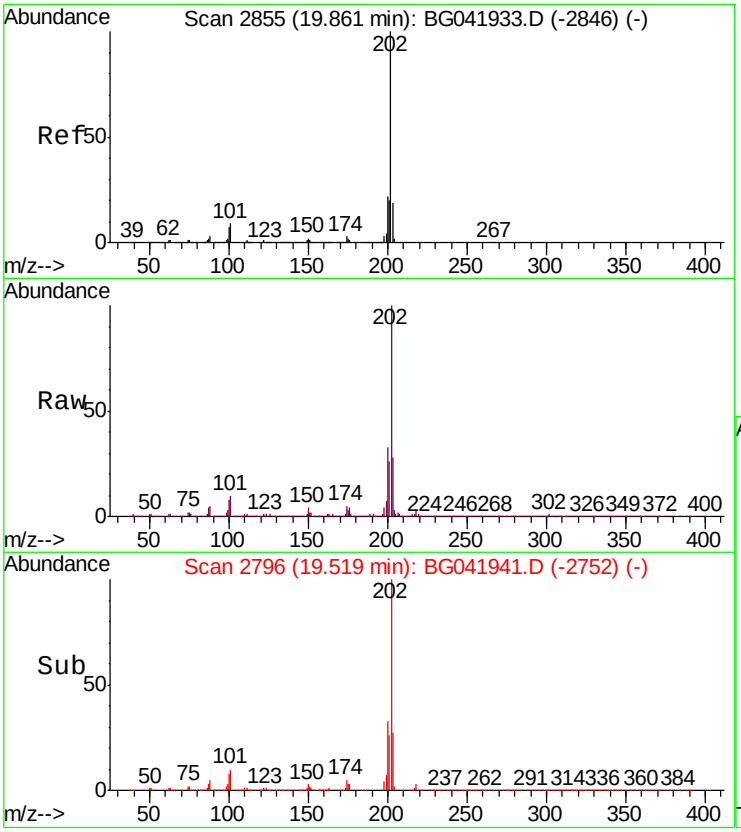


#76
Fluoranthene
Concen: 1.129 ng/ul
RT: 19.61 min Scan# 2811
Delta R.T. 0.11 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Tgt Ion:202 Resp: 47286

Ion	Ratio	Lower	Upper
202	100		
101	18.4	6.7	10.1#
100	7.4	5.3	7.9



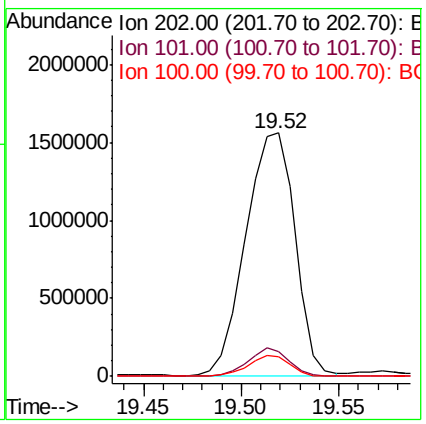


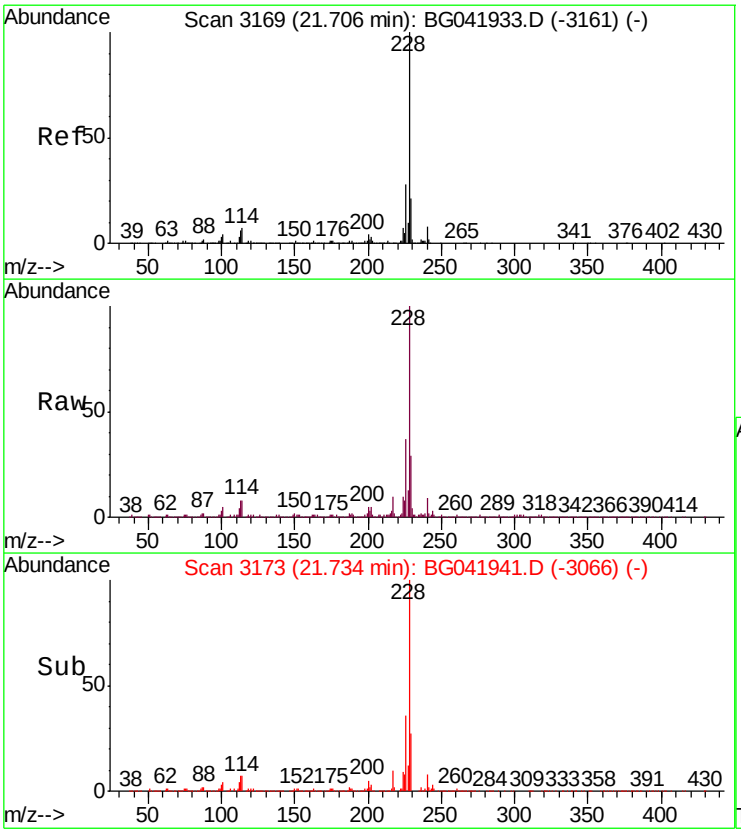
#79
Pyrene
Concen: 75.712 ng/ul
RT: 19.52 min Scan# 2796
Delta R.T. -0.34 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Instrument :
BNA_G
ClientSampleId :
BENQ3

Tgt Ion:202 Resp: 2708648

Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.6	11.4
100	8.2	6.5	9.7

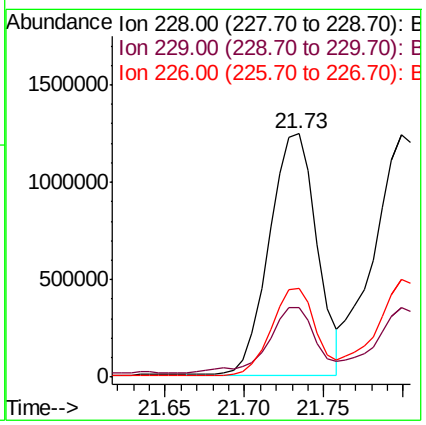


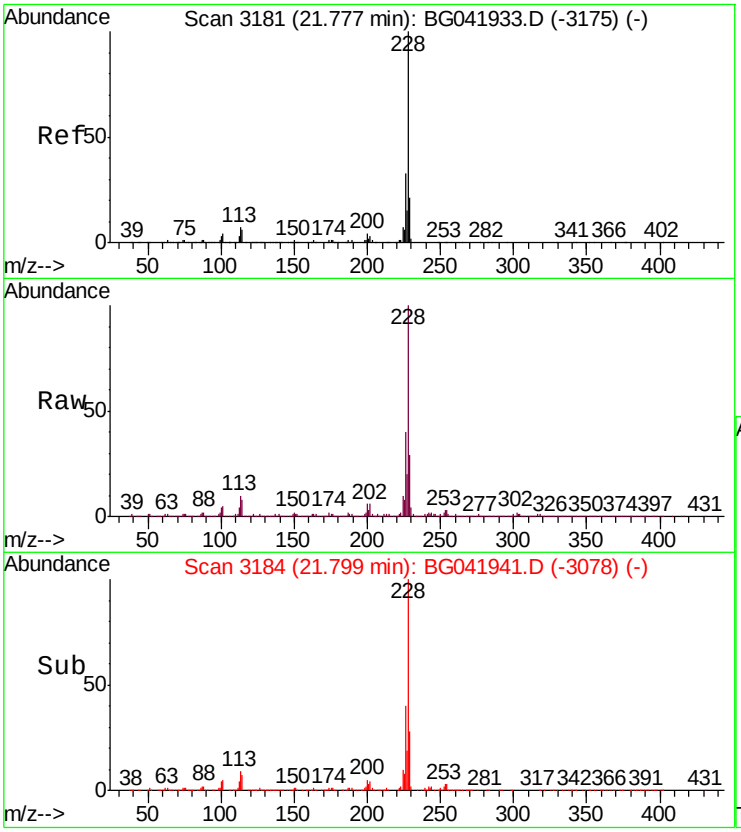


#82
Benzo(a)anthracene
Concen: 70.752 ng/ul
RT: 21.73 min Scan# 3173
Delta R.T. 0.03 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Tgt Ion:228 Resp: 2609074

Ion	Ratio	Lower	Upper
228	100		
229	28.6	17.0	25.6#
226	36.7	23.3	34.9#



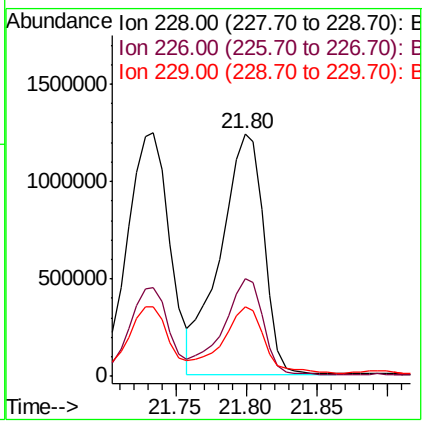


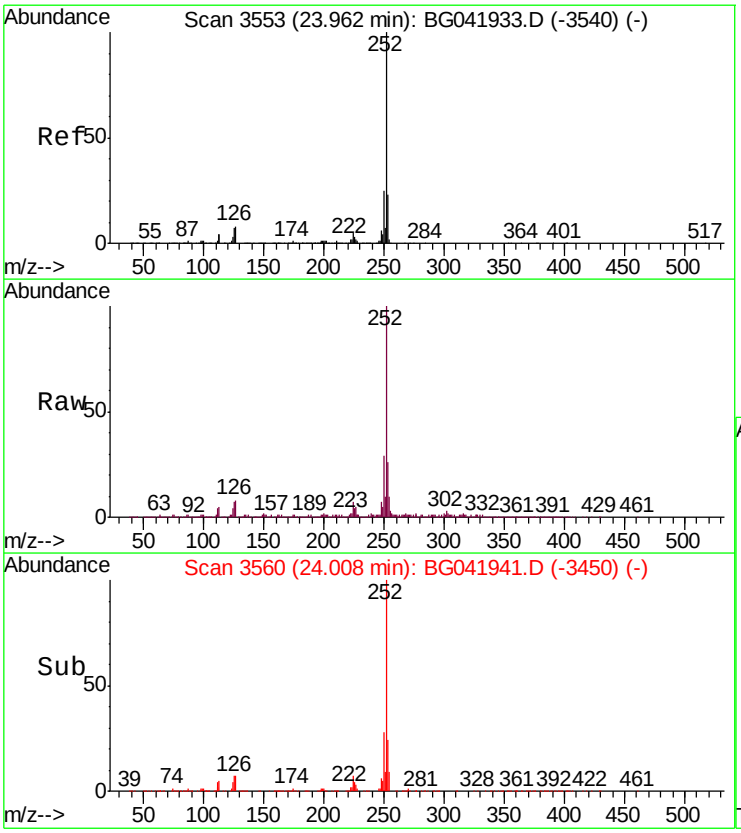
#84
Chrysene
Concen: 77.768 ng/ul
RT: 21.80 min Scan# 3184
Delta R.T. 0.02 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Instrument :
BNA_G
ClientSampleId :
BENQ3

Tgt Ion:228 Resp: 2676654

Ion	Ratio	Lower	Upper
228	100		
226	40.2	25.7	38.5#
229	28.7	16.6	24.8#

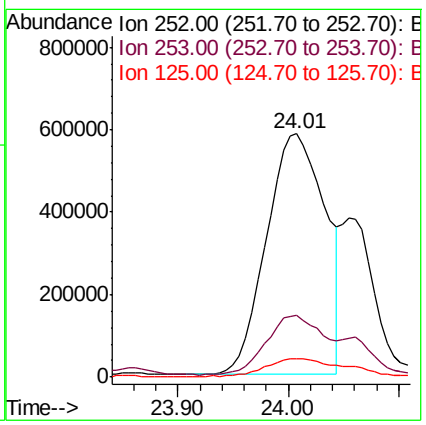


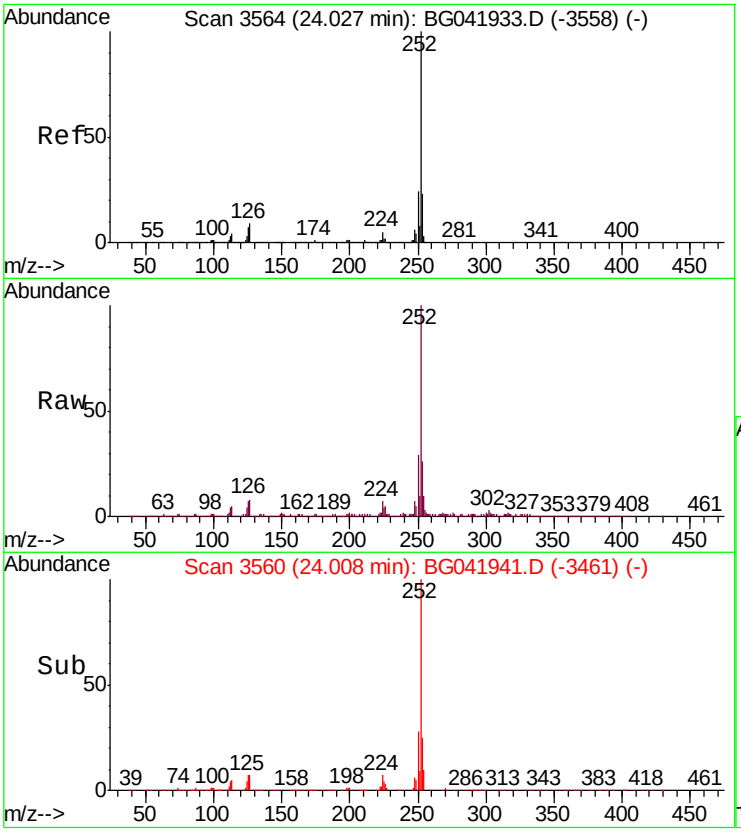


#87
Benzo(b)fluoranthene
Concen: 44.610 ng/ul
RT: 24.01 min Scan# 3560
Delta R.T. 0.05 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Tgt Ion:252 Resp: 2154642

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.4	27.6
125	7.5	5.8	8.8



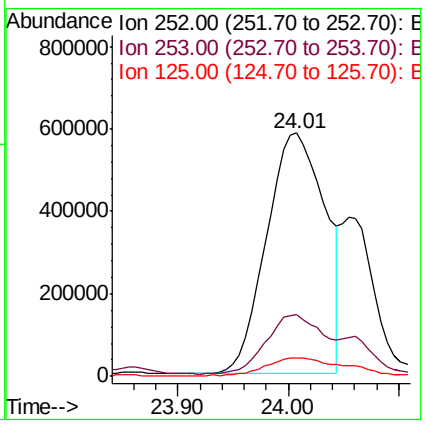


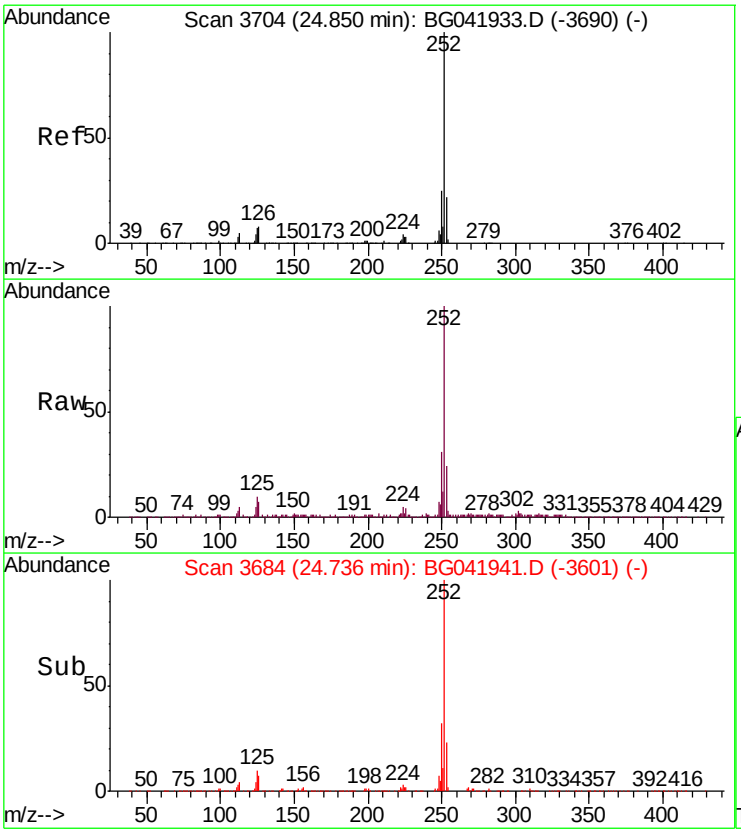
#88
Benzo(k)fluoranthene
Concen: 46.397 ng/ul
RT: 24.01 min Scan# 3560
Delta R.T. -0.02 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Instrument :
BNA_G
ClientSampleId :
BENQ3

Tgt Ion:252 Resp: 2154642

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.3	27.5
125	7.5	5.5	8.3

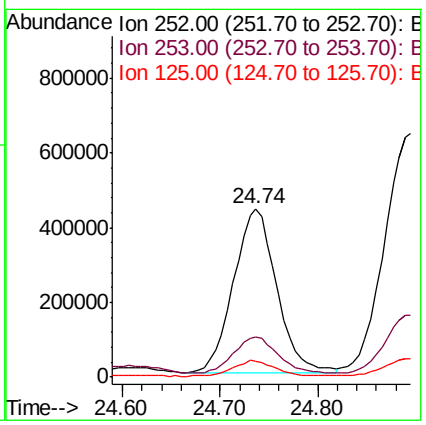


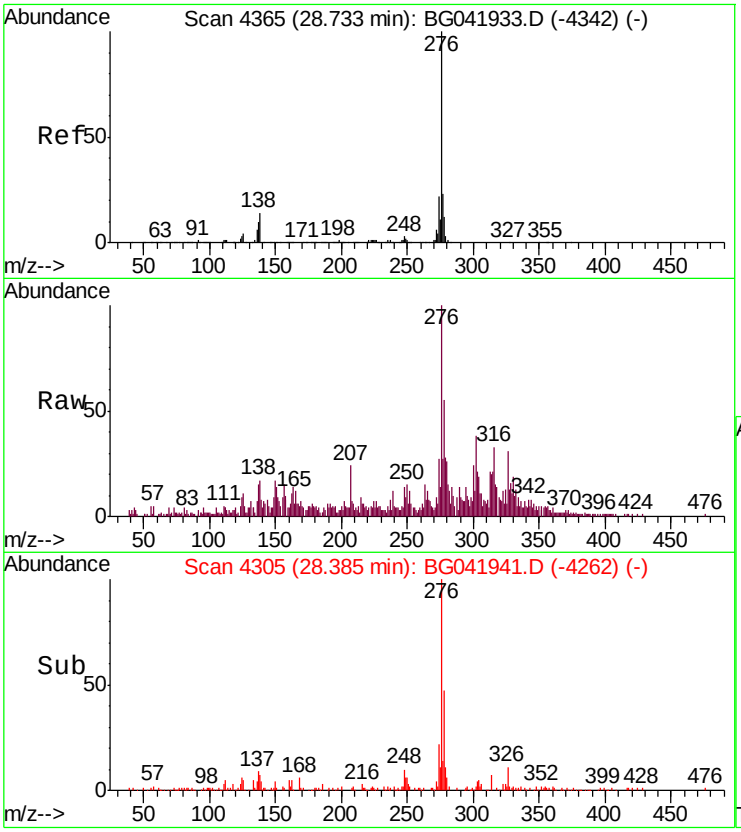


#90
Benzo(a)pyrene
Concen: 29.381 ng/ul
RT: 24.74 min Scan# 3684
Delta R.T. -0.11 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Tgt Ion:252 Resp: 1352282

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.3	27.5
125	9.5	6.5	9.7



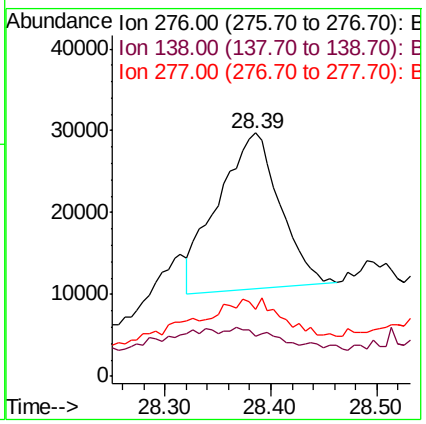


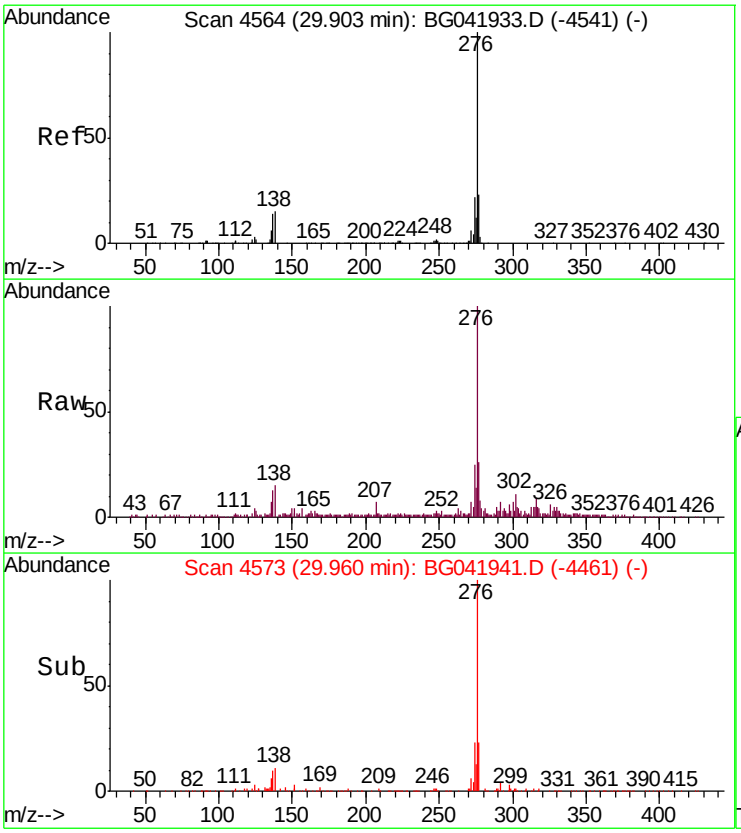
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.449 ng/ul
RT: 28.39 min Scan# 4305
Delta R.T. -0.35 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Instrument :
BNA_G
ClientSampleId :
BENQ3

Tgt Ion:276 Resp: 77765

Ion	Ratio	Lower	Upper
276	100		
138	16.6	12.0	18.0
277	27.5	19.2	28.8





#93
Benzo(g,h,i)perylene
Concen: 6.571 ng/ul
RT: 29.96 min Scan# 4573
Delta R.T. 0.06 min
Lab File: BG041941.D
Acq: 4 Aug 2019 13:46

Tgt Ion:276 Resp: 294491

Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.6	18.8
277	26.3	19.2	28.8