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

Quantitation Report (Not Reviewed)

Data File : BG041944.D
Acq On : 4 Aug 2019 15:41
Operator : HP/JU
Sample : K3850-09DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ3DL

Quant Time: Aug 05 01:24:28 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	83410	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	334459	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	214385	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	435632	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	428873	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	467385	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.19	99	30012	4.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	18855	5.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	28178	5.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	25782	4.69	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	15095	6.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	17474	5.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	31260	5.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	36670	5.60	ng/ul	0.01
43) Dimethylphthalate-d6	14.09	166	103877	6.25	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	132837	6.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	10331	3.70	ng/ul	0.02
57) Fluorene-d10	15.69	176	94768	6.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	5302	1.90	ng/ul	0.00
70) Anthracene-d10	17.55	188	142139	6.80	ng/ul	0.00
78) Pyrene-d10	19.84	212	158404	6.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	158509	6.49	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.91	128	51494	3.012	ng/ul	97
30) 4-Chloroaniline	10.91	127	7021	1.067	ng/ul#	18
34) 2-Methylnaphthalene	12.52	142	53239	3.917	ng/ul	94
45) 2,6-Dinitrotoluene	14.70	165	32538	9.061	ng/ul#	41
49) Acenaphthene	14.76	153	85110	6.350	ng/ul	99
58) Fluorene	15.74	166	72680	4.511	ng/ul	97
69) Phenanthrene	17.49	178	1004065	42.101	ng/ul	98
71) Anthracene	17.58	178	231541	9.572	ng/ul	98
76) Fluoranthene	19.50	202	761998	27.653	ng/ul	97
79) Pyrene	19.87	202	1164816	40.377	ng/ul	98
82) Benzo(a)anthracene	21.72	228	634650	21.343	ng/ul	99
84) Chrysene	21.78	228	660262	23.790	ng/ul	98
87) Benzo(b)fluoranthene	23.98	252	457764	15.607	ng/ul	100
88) Benzo(k)fluoranthene	23.98	252	457764	16.232	ng/ul	100
90) Benzo(a)pyrene	24.86	252	436215	15.607	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.76	276	139097	4.267	ng/ul	97
92) Dibenzo(a,h)anthracene	29.25	278	42732	1.607	ng/ul	92
93) Benzo(g,h,i)perylene	29.92	276	134189	4.930	ng/ul#	96

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

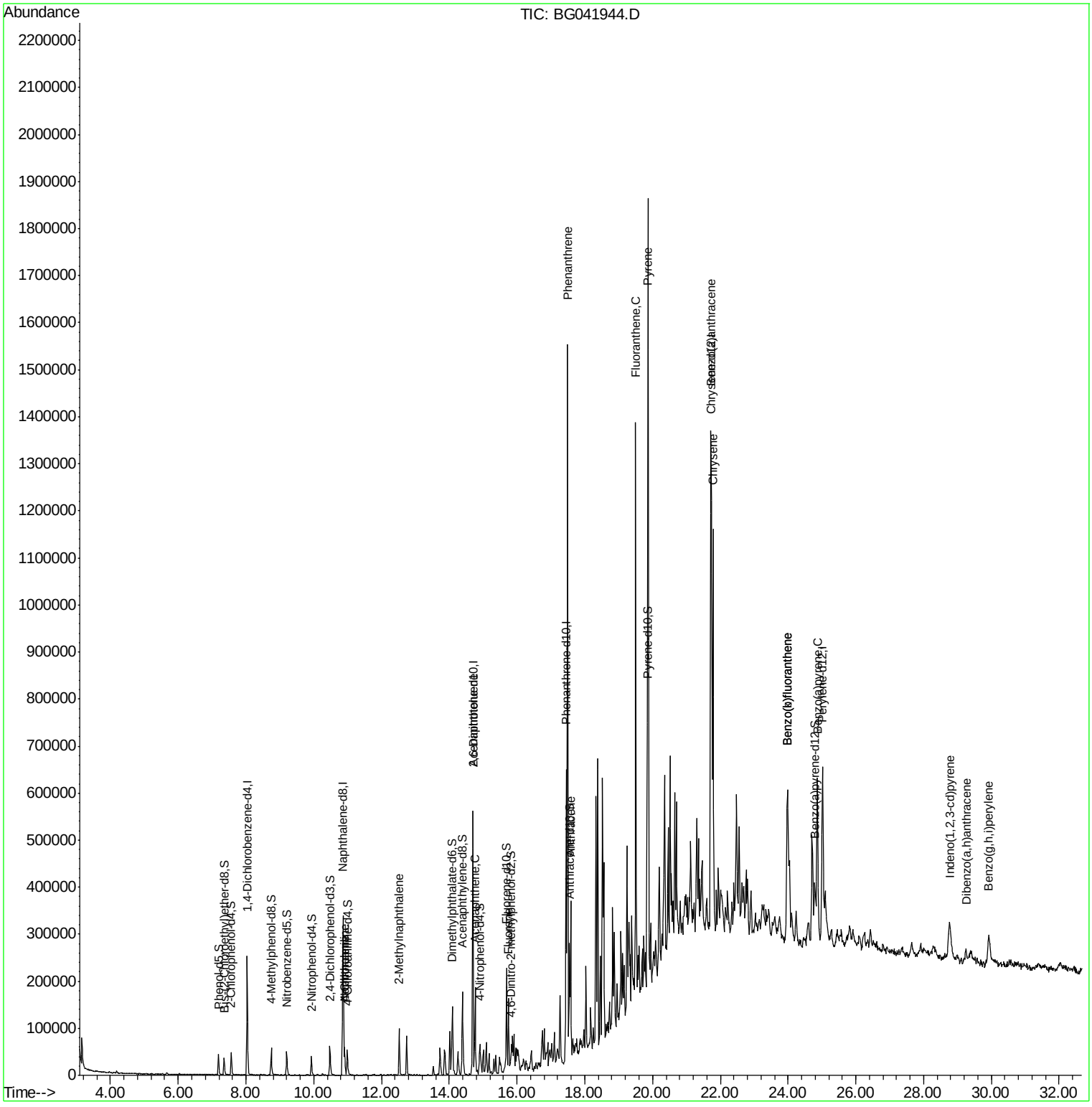
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

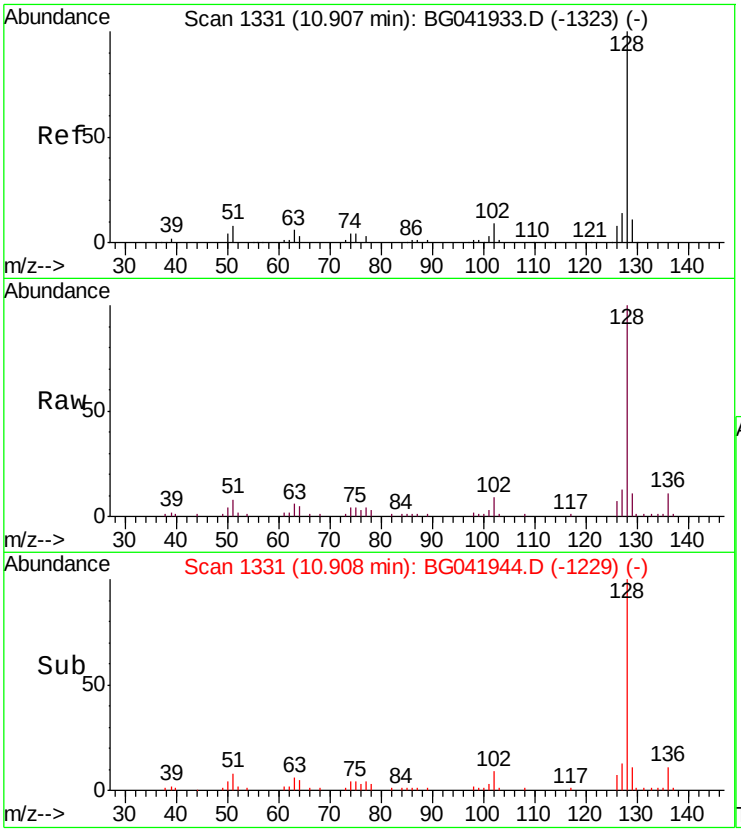
Quantitation Report (Not Reviewed)

Data File : BG041944.D
Acq On : 4 Aug 2019 15:41
Operator : HP/JU
Sample : K3850-09DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3DL

Quant Time: Aug 05 01:24:28 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



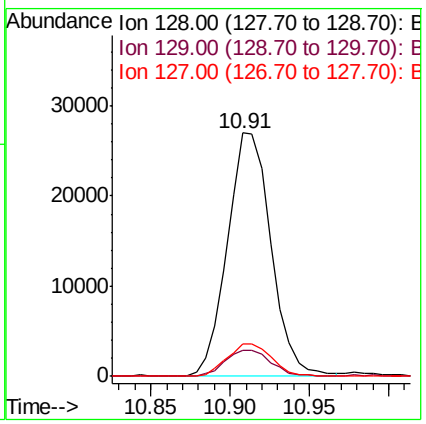


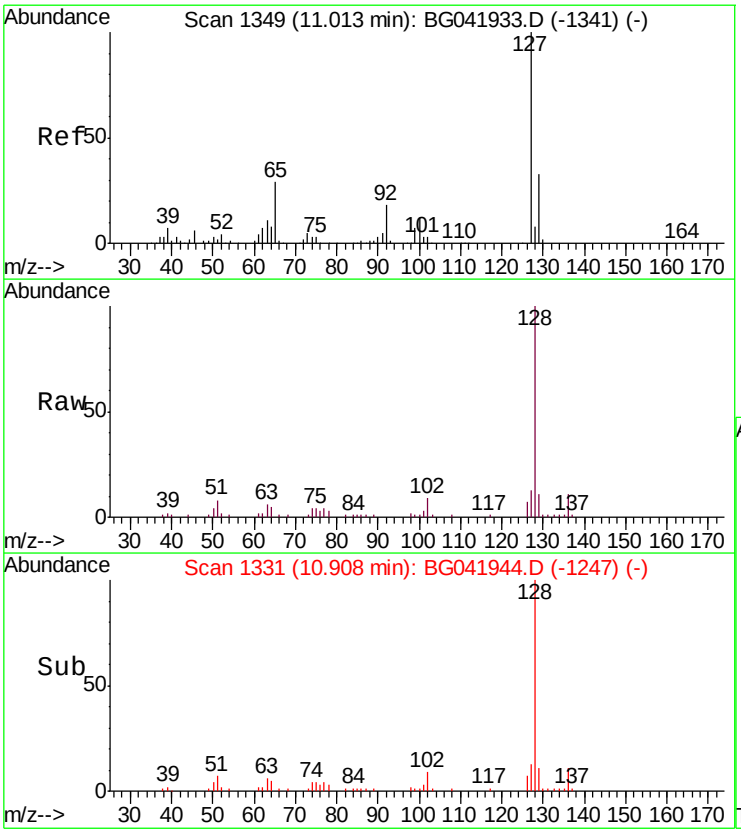
#28
Naphthalene
Concen: 3.012 ng/ul
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Instrument :
BNA_G
ClientSampleId :
BENQ3DL

Tgt Ion:128 Resp: 51494

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.5	14.3
127	13.4	11.4	17.0

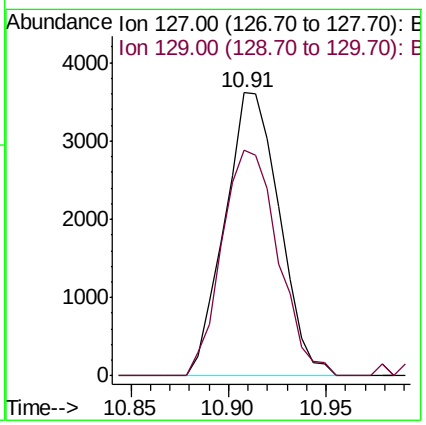


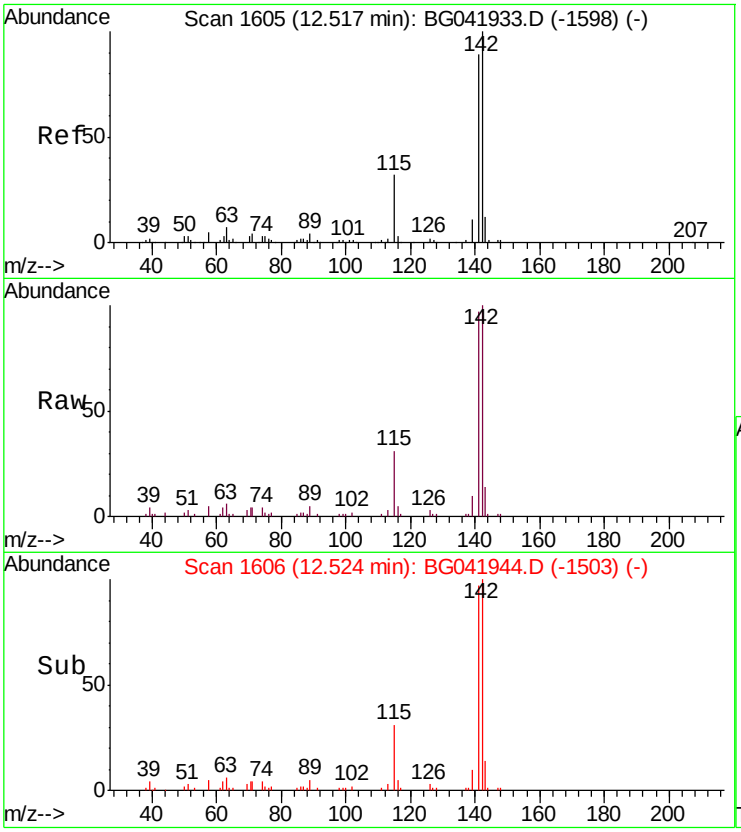


#30
4-Chloroaniline
Concen: 1.067 ng/ul
RT: 10.91 min Scan# 1331
Delta R.T. -0.10 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Tgt Ion:127 Resp: 7021

Ion	Ratio	Lower	Upper
127	100		
129	79.8	26.5	39.7#



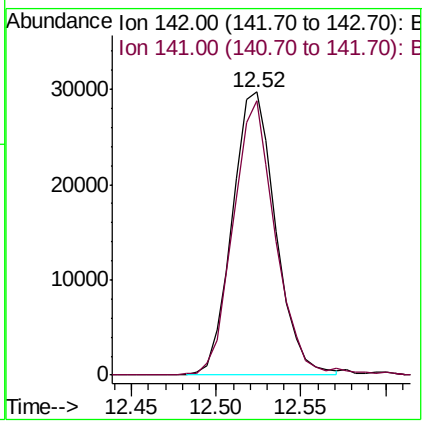


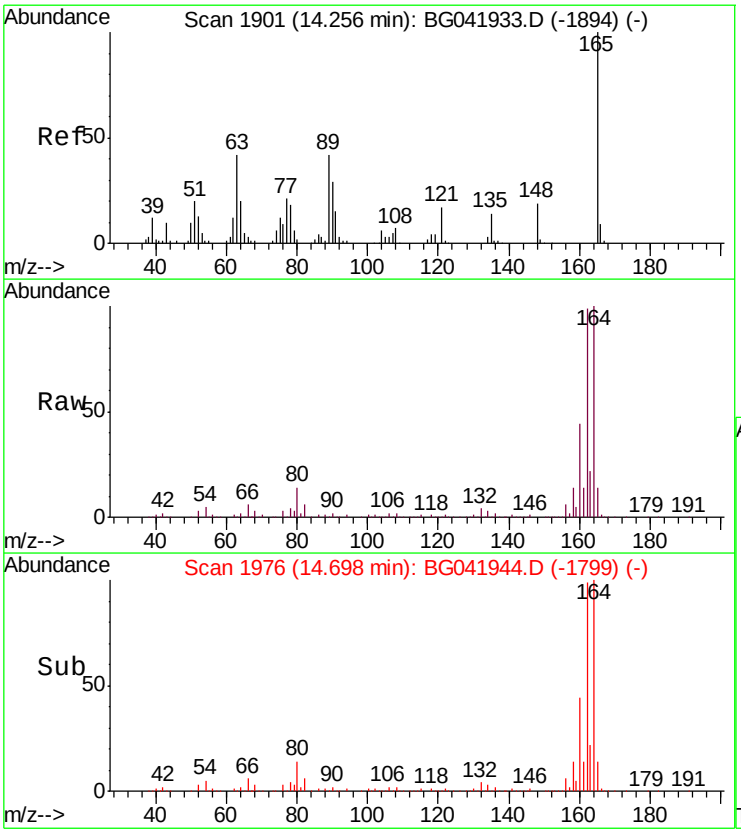
#34
2-Methylnaphthalene
Concen: 3.917 ng/ul
RT: 12.52 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Instrument :
BNA_G
ClientSampleId :
BENQ3DL

Tgt Ion:142 Resp: 53239

Ion	Ratio	Lower	Upper
142	100		
141	97.0	72.9	109.3

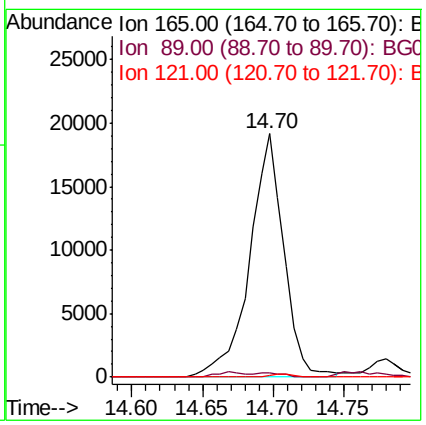


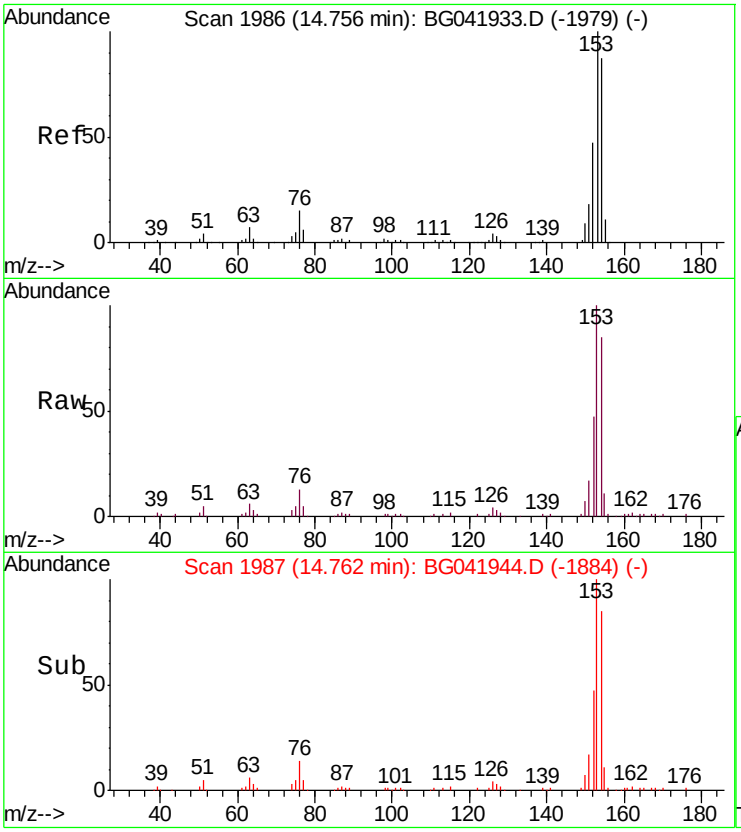


#45
2,6-Dinitrotoluene
Concen: 9.061 ng/ul
RT: 14.70 min Scan# 1976
Delta R.T. 0.44 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Tgt Ion:165 Resp: 32538

Ion	Ratio	Lower	Upper
165	100		
89	1.8	36.8	55.2#
121	0.9	15.6	23.4#



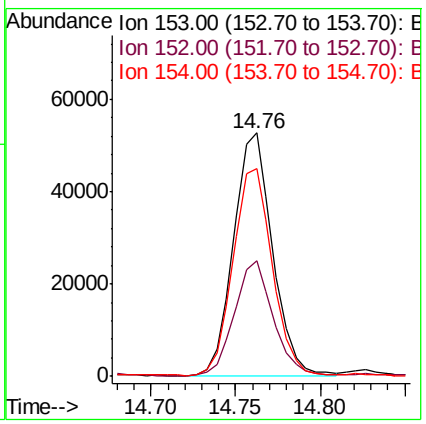


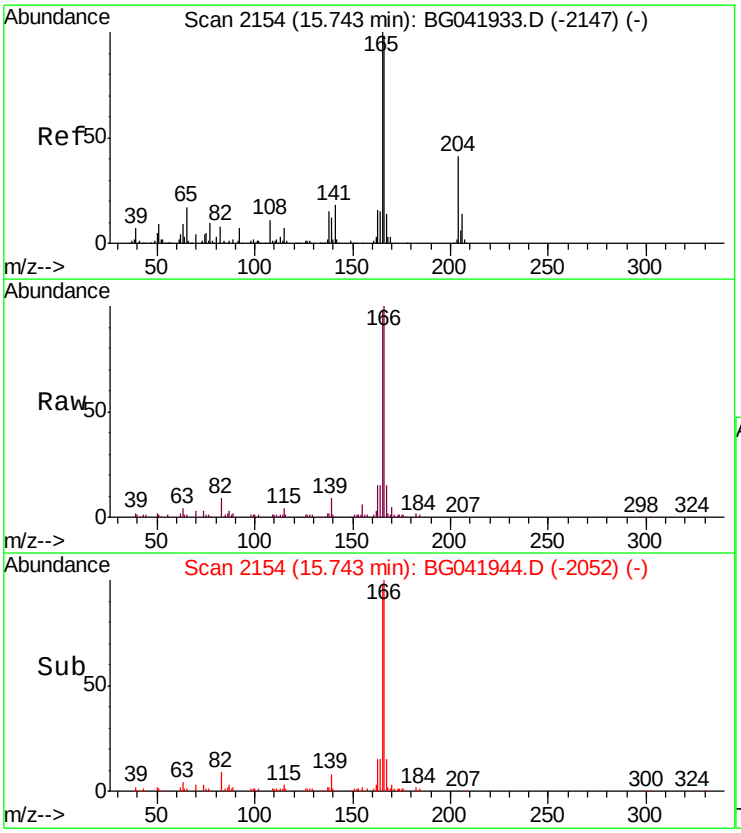
#49
Acenaphthene
Concen: 6.350 ng/ul
RT: 14.76 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Instrument :
BNA_G
ClientSampleId :
BENQ3DL

Tgt Ion:153 Resp: 85110

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.8	56.8
154	85.3	69.4	104.2

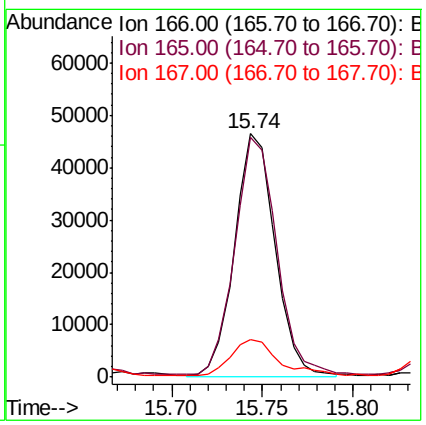


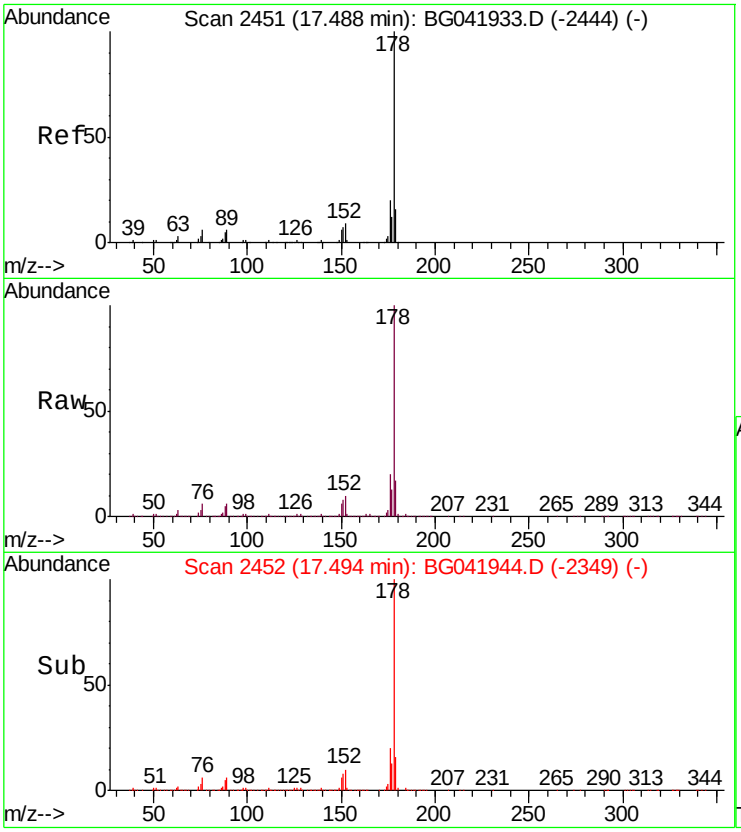


#58
Fluorene
Concen: 4.511 ng/ul
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Tgt Ion:166 Resp: 72680

Ion	Ratio	Lower	Upper
166	100		
165	98.3	81.1	121.7
167	15.3	11.0	16.4



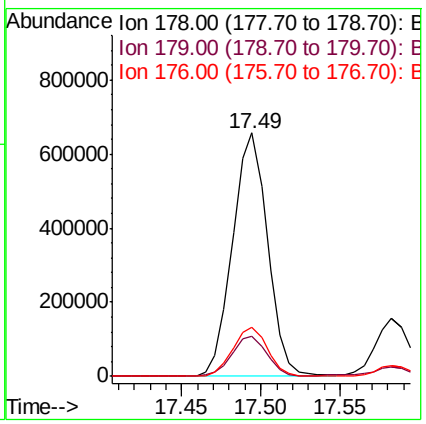


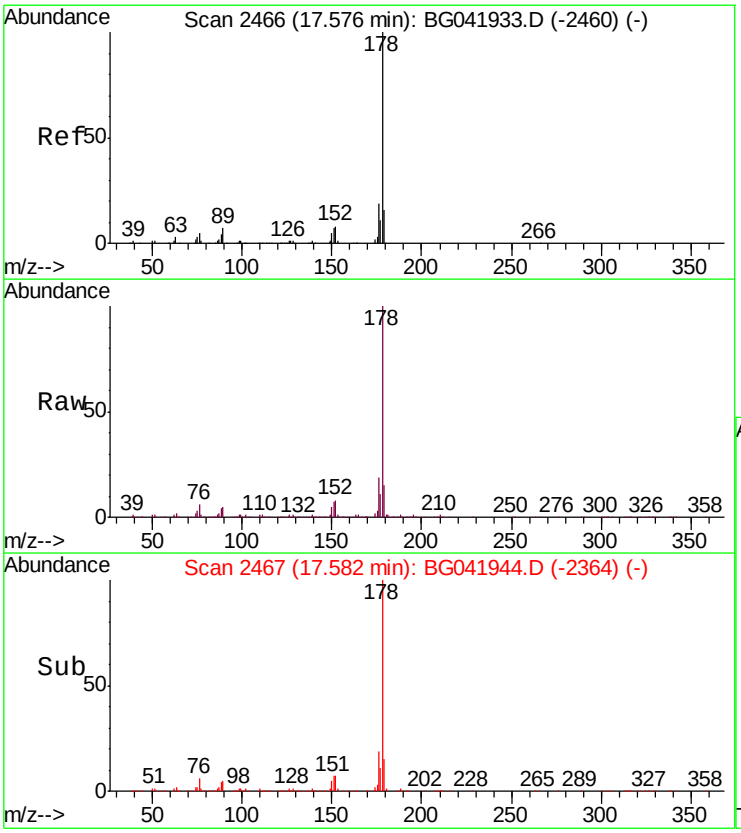
#69
Phenanthrene
Concen: 42.101 ng/ul
RT: 17.49 min Scan# 2452
Delta R.T. 0.01 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Instrument :
BNA_G
ClientSampleId :
BENQ3DL

Tgt Ion:178 Resp: 1004065

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.8	19.2
176	20.3	15.4	23.2

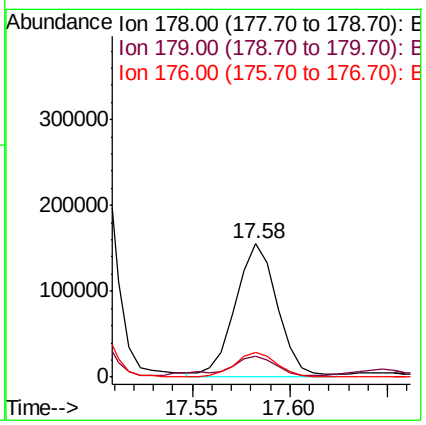


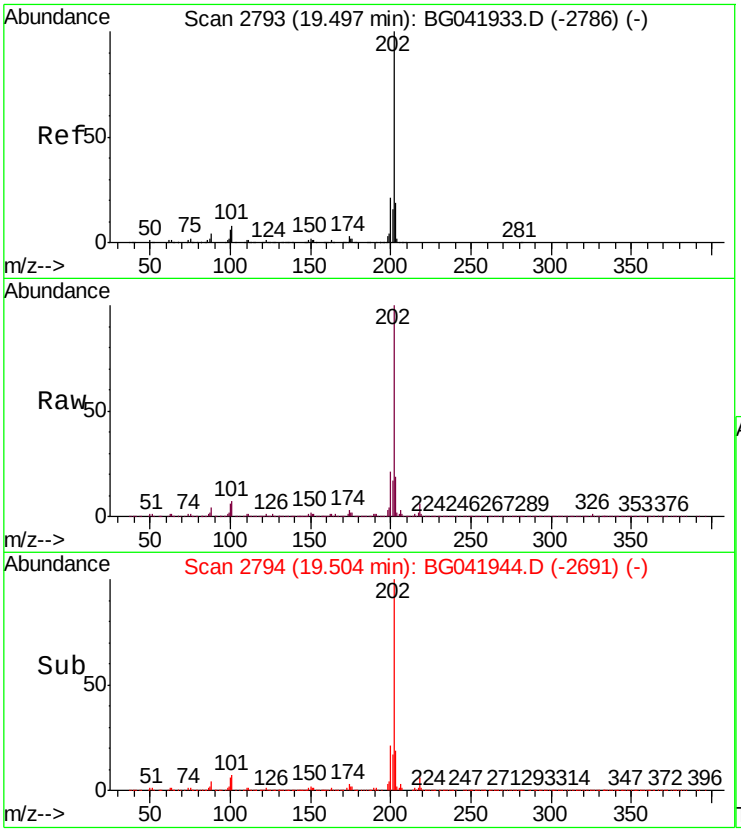


#71
Anthracene
Concen: 9.572 ng/ul
RT: 17.58 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Tgt Ion:178 Resp: 231541

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.0
176	18.6	15.4	23.2



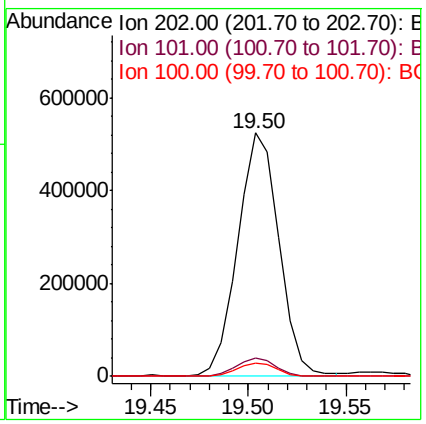


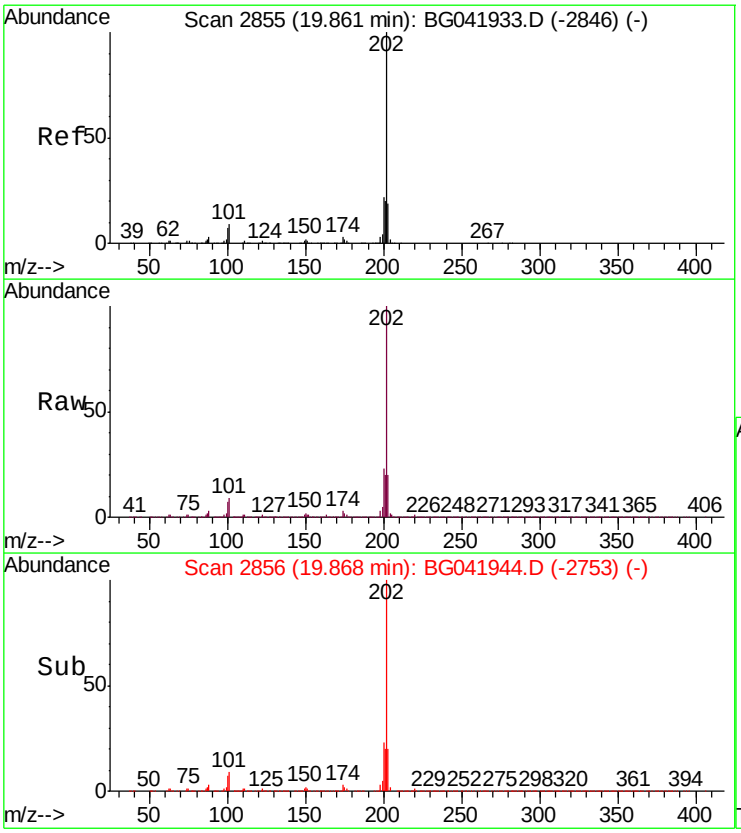
#76
Fluoranthene
Concen: 27.653 ng/ul
RT: 19.50 min Scan# 2794
Delta R.T. 0.01 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Instrument :
BNA_G
ClientSampleId :
BENQ3DL

Tgt Ion:202 Resp: 761998

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.7	10.1
100	5.5	5.3	7.9

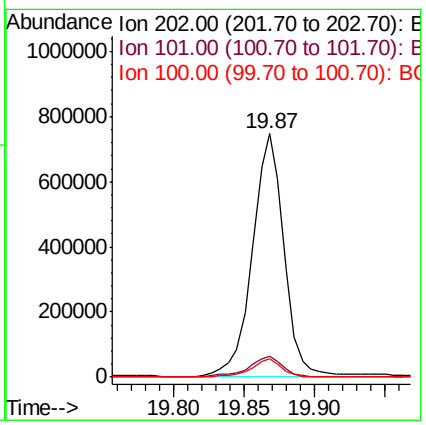


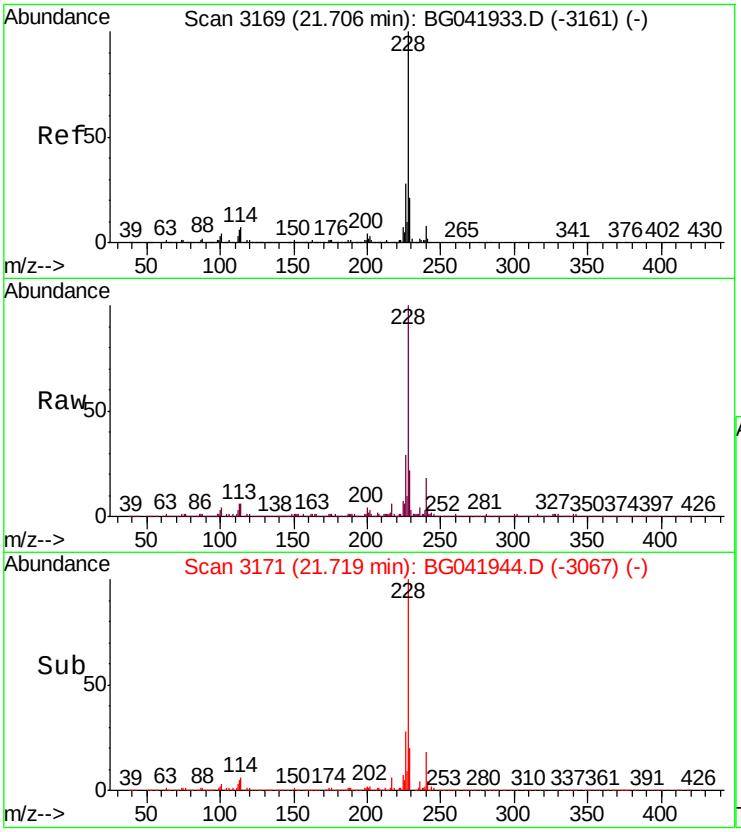


#79
Pyrene
Concen: 40.377 ng/ul
RT: 19.87 min Scan# 2856
Delta R.T. 0.01 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Tgt Ion:202 Resp: 1164816

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.6	11.4
100	7.4	6.5	9.7



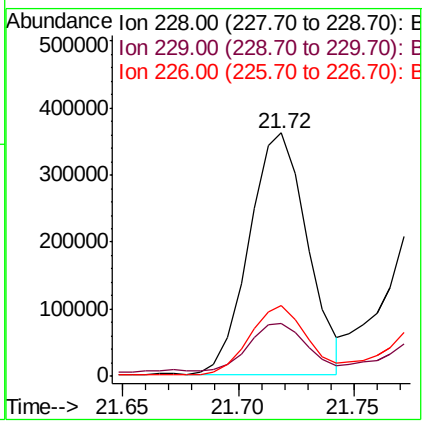


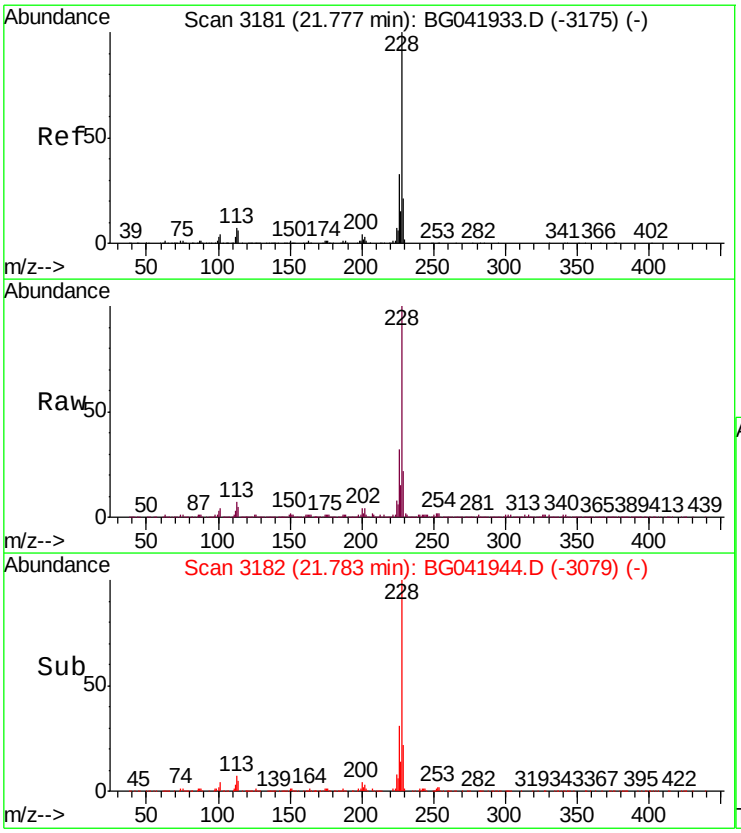
#82
Benzo(a)anthracene
Concen: 21.343 ng/ul
RT: 21.72 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Instrument :
BNA_G
ClientSampleId :
BENQ3DL

Tgt Ion:228 Resp: 634650

Ion	Ratio	Lower	Upper
228	100		
229	21.9	17.0	25.6
226	28.9	23.3	34.9

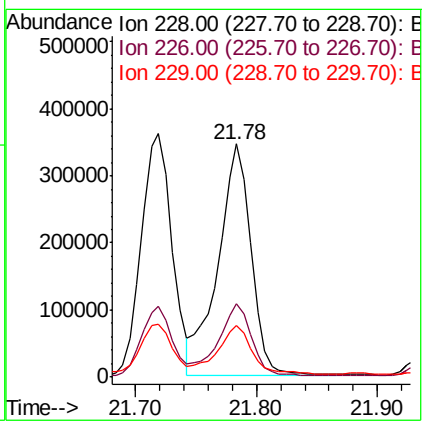


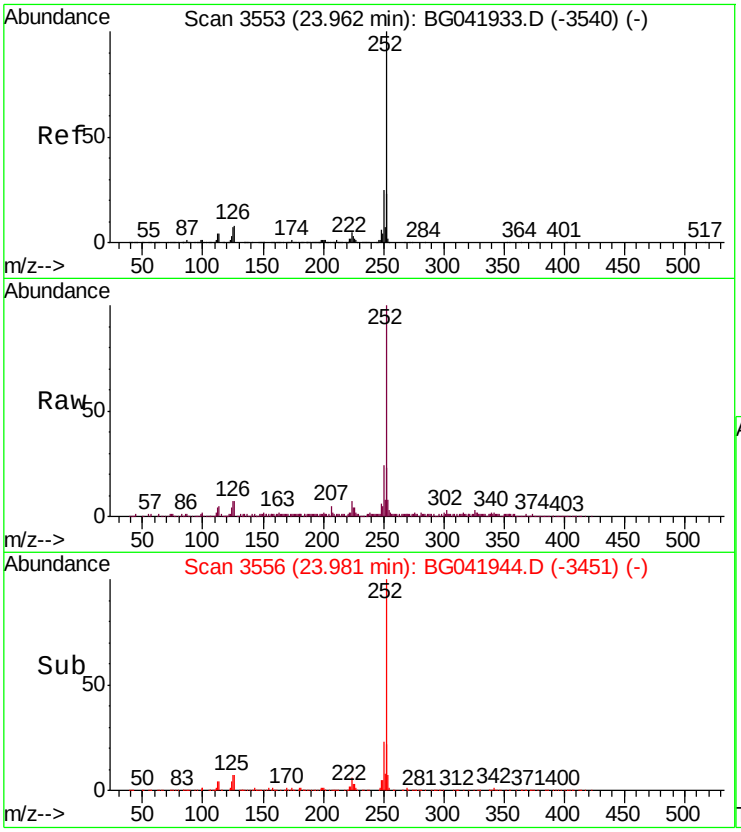


#84
Chrysene
Concen: 23.790 ng/ul
RT: 21.78 min Scan# 3182
Delta R.T. 0.01 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Tgt Ion:228 Resp: 660262

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.7	38.5
229	22.4	16.6	24.8



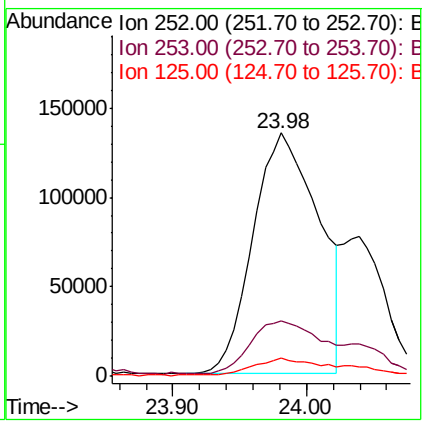


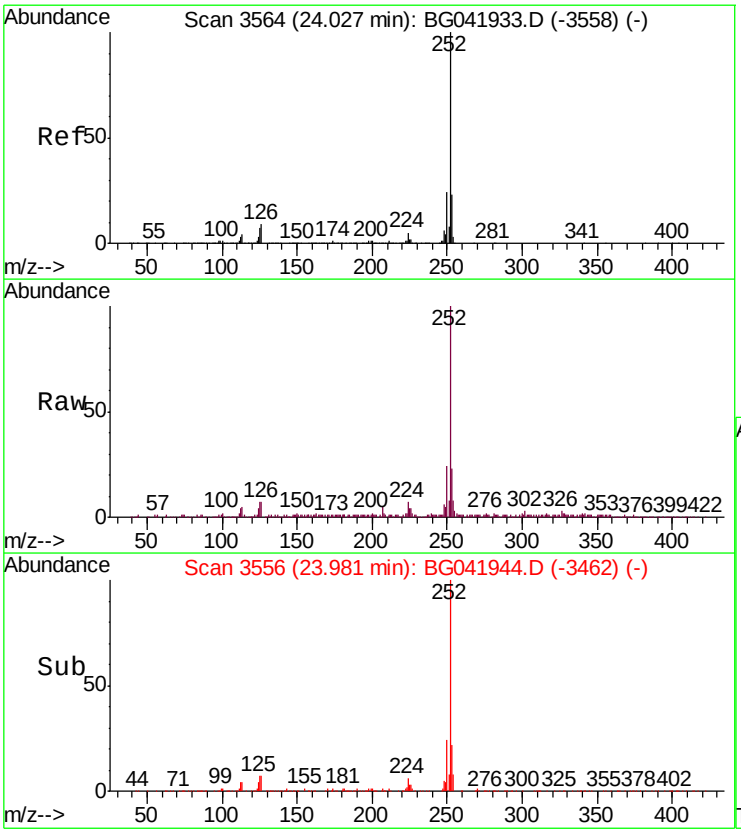
#87
Benzo(b)fluoranthene
Concen: 15.607 ng/ul
RT: 23.98 min Scan# 3556
Delta R.T. 0.02 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Instrument :
BNA_G
ClientSampleId :
BENQ3DL

Tgt Ion:252 Resp: 457764

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	7.5	5.8	8.8

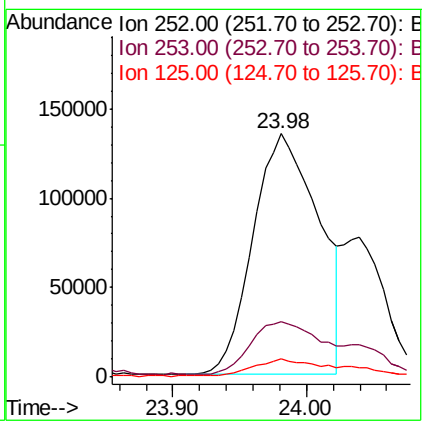


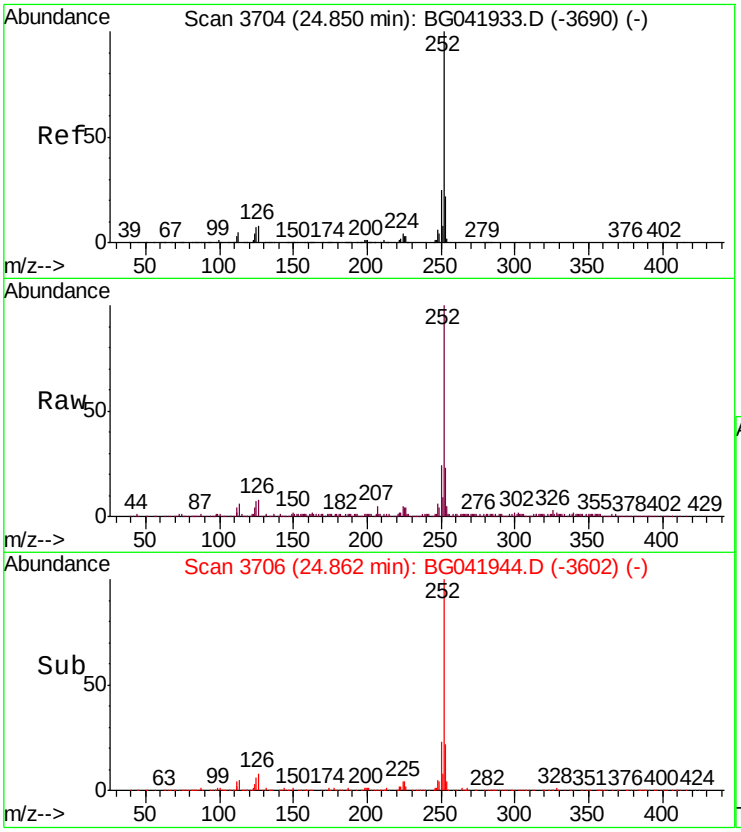


#88
Benzo(k)fluoranthene
Concen: 16.232 ng/ul
RT: 23.98 min Scan# 3556
Delta R.T. -0.05 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Tgt Ion:252 Resp: 457764

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	7.5	5.5	8.3



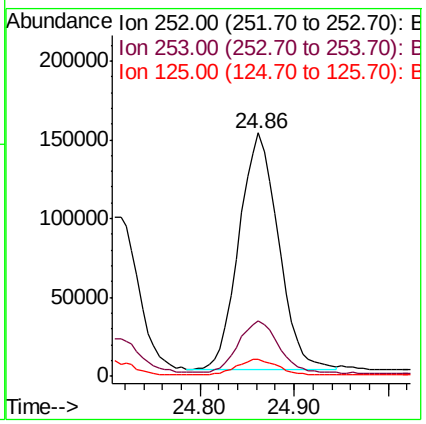


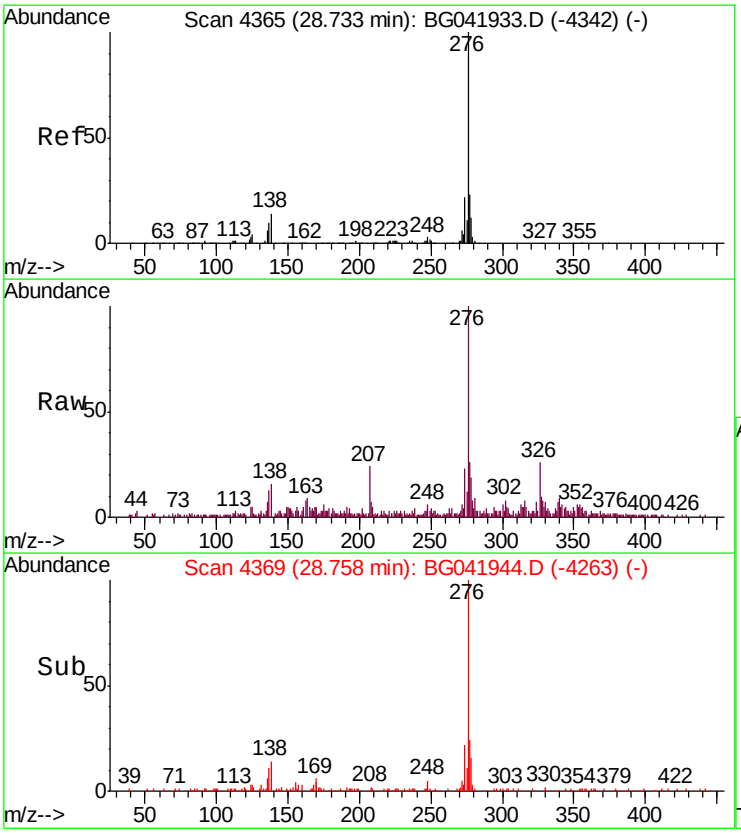
#90
Benzo(a)pyrene
Concen: 15.607 ng/ul
RT: 24.86 min Scan# 3706
Delta R.T. 0.01 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Instrument :
BNA_G
ClientSampleId :
BENQ3DL

Tgt Ion:252 Resp: 436215

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	6.8	6.5	9.7

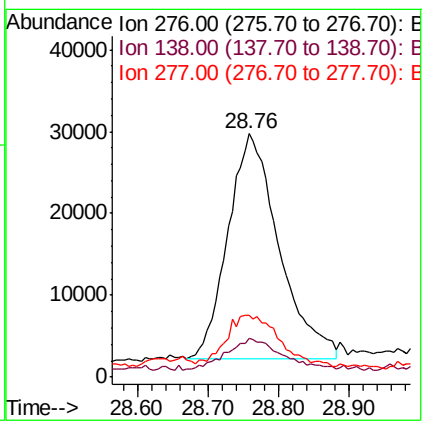


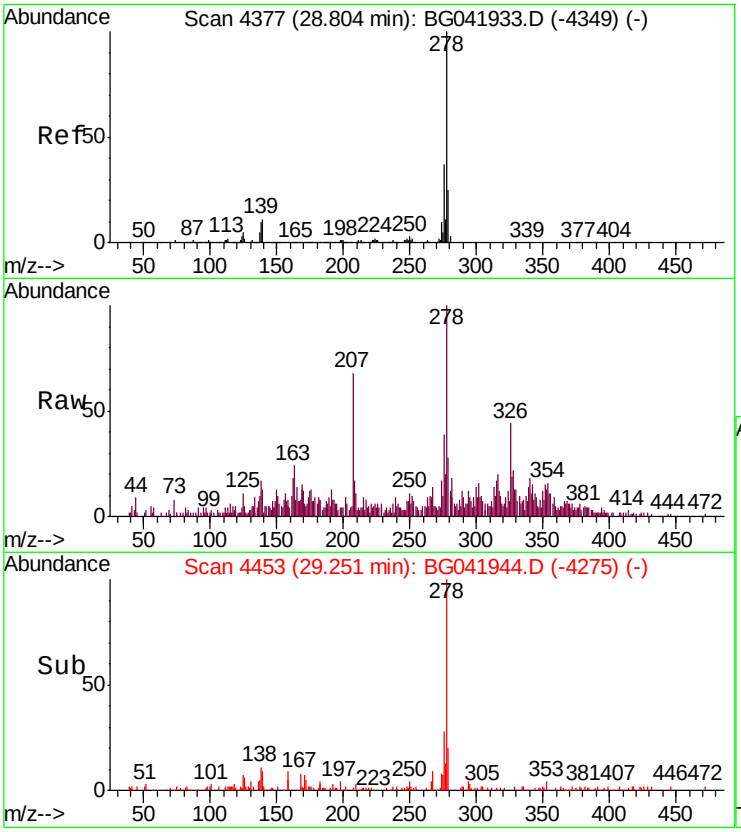


#91
Indeno(1,2,3-cd)pyrene
Concen: 4.267 ng/ul
RT: 28.76 min Scan# 4369
Delta R.T. 0.02 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Tgt Ion:276 Resp: 139097

Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.0	18.0
277	25.6	19.2	28.8



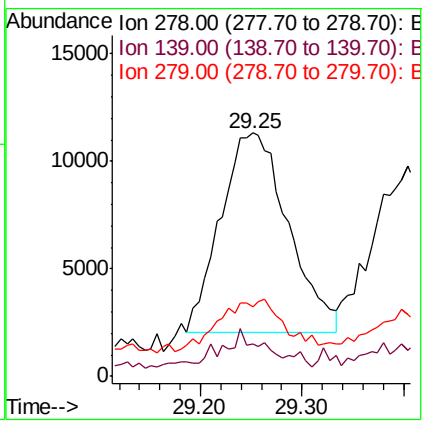


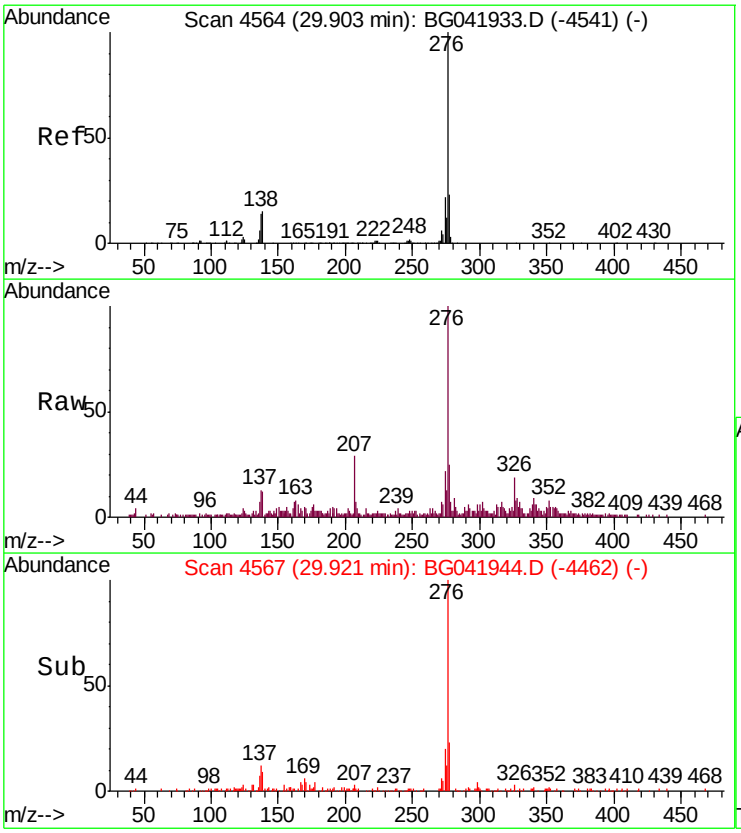
#92
Dibenzo(a,h)anthracene
Concen: 1.607 ng/ul
RT: 29.25 min Scan# 4453
Delta R.T. 0.45 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Instrument :
BNA_G
ClientSampleId :
BENQ3DL

Tgt Ion:278 Resp: 42732

Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.4	14.0
279	28.5	19.2	28.8





#93
Benzo(g,h,i)perylene
Concen: 4.930 ng/ul
RT: 29.92 min Scan# 4567
Delta R.T. 0.02 min
Lab File: BG041944.D
Acq: 4 Aug 2019 15:41

Tgt Ion:276 Resp: 134189

Ion	Ratio	Lower	Upper
276	100		
138	12.2	12.6	18.8#
277	24.8	19.2	28.8