Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\

Quantitation Report (Not Reviewed)

Data File : BG042045.D
Acq On : 8 Aug 2019 00:00
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENX6

Quant Time: Aug 08 01:42:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	76081	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	312482	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	222428	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	479722	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	484555	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	567666	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	5570	3.20	ng/uL	0.00
5) Phenol-d5	7.18	99	111880	18.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	68241	20.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	112710	22.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	91414	18.24	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	125	0.05	ng/ul	0.09
22) 2-Nitrophenol-d4	9.92	143	71795	26.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	123820	22.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	141635	23.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	421275	24.42	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	478573	24.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	35137	12.13	ng/ul	0.00
57) Fluorene-d10	15.68	176	373137	24.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	45356	14.74	ng/ul	0.00
70) Anthracene-d10	17.54	188	573323	24.91	ng/ul	0.00
78) Pyrene-d10	19.83	212	624120	23.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	687051	23.17	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.20	94	7849	1.274	ng/ul	92
44) Dimethylphthalate	14.13	163	199550	11.650	ng/ul	99
45) 2,6-Dinitrotoluene	14.22	165	5008	1.344	ng/ul#	44
69) Phenanthrene	17.48	178	75827	2.887	ng/ul	99
76) Fluoranthene	19.85	202	140310	4.624	ng/ul	99
79) Pyrene	19.85	202	140310	4.305	ng/ul	96
82) Benzo(a)anthracene	21.70	228	89352	2.660	ng/ul	97
84) Chrysene	21.77	228	82709	2.638	ng/ul	96
87) Benzo(b)fluoranthene	23.95	252	101779	2.857	ng/ul	99
88) Benzo(k)fluoranthene	24.00	252	35387	1.033	ng/ul	99
90) Benzo(a)pyrene	24.83	252	73353	2.161	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.70	276	46580	1.176	ng/ul#	95

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

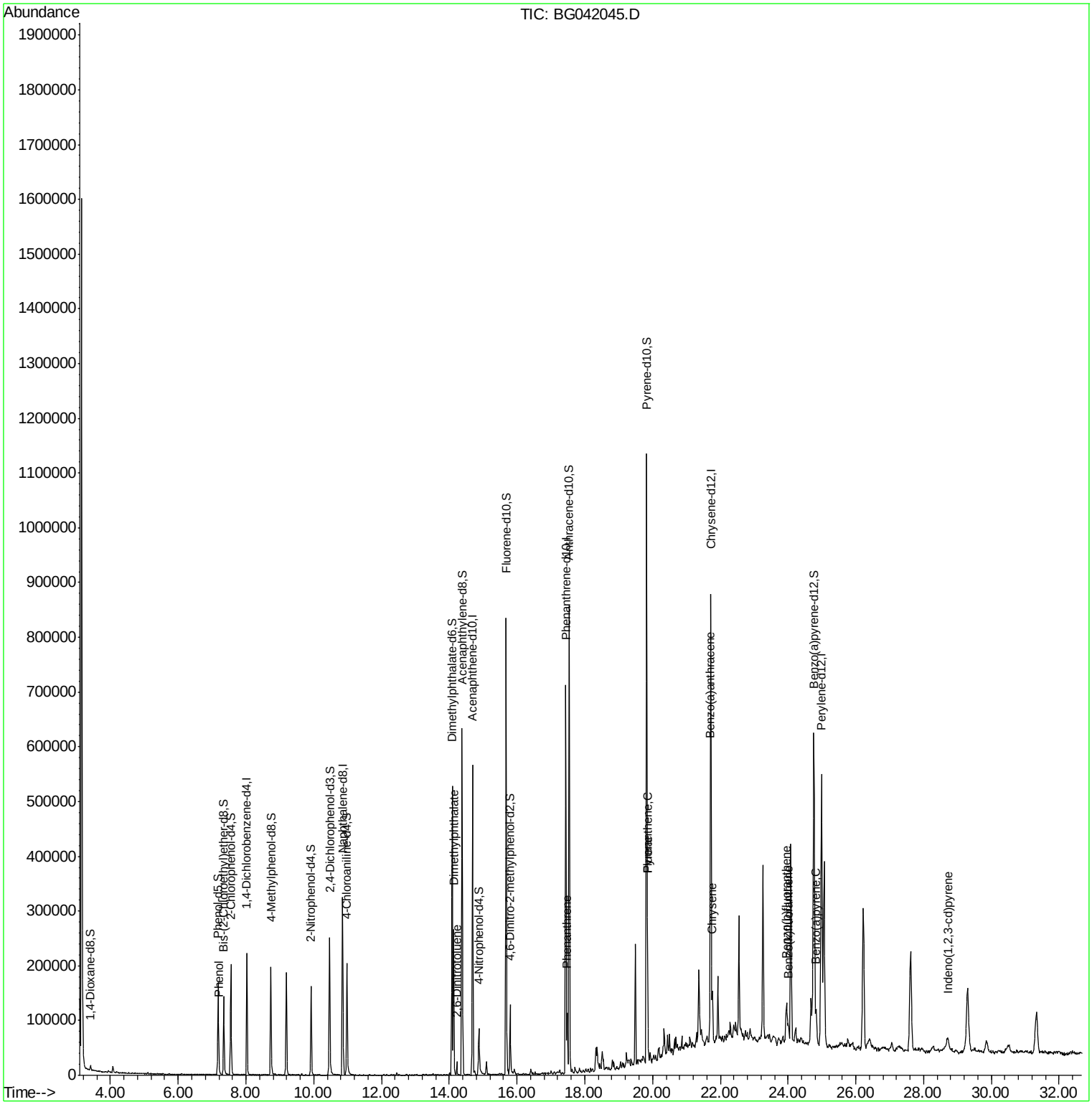
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\

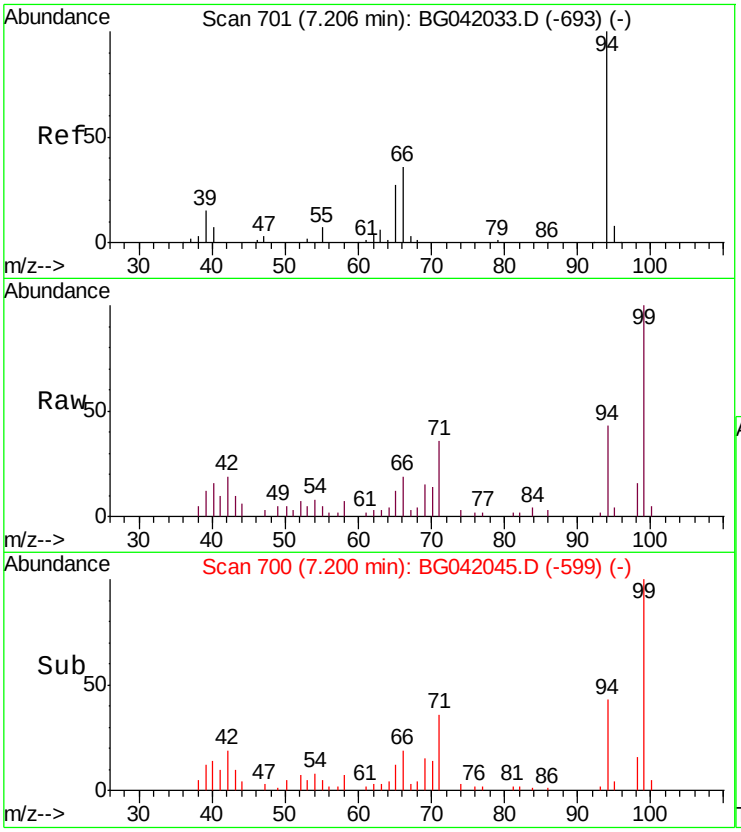
Quantitation Report (Not Reviewed)

Data File : BG042045.D
Acq On : 8 Aug 2019 00:00
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENX6

Quant Time: Aug 08 01:42:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration



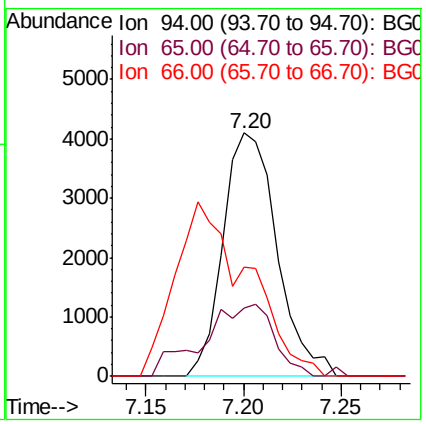


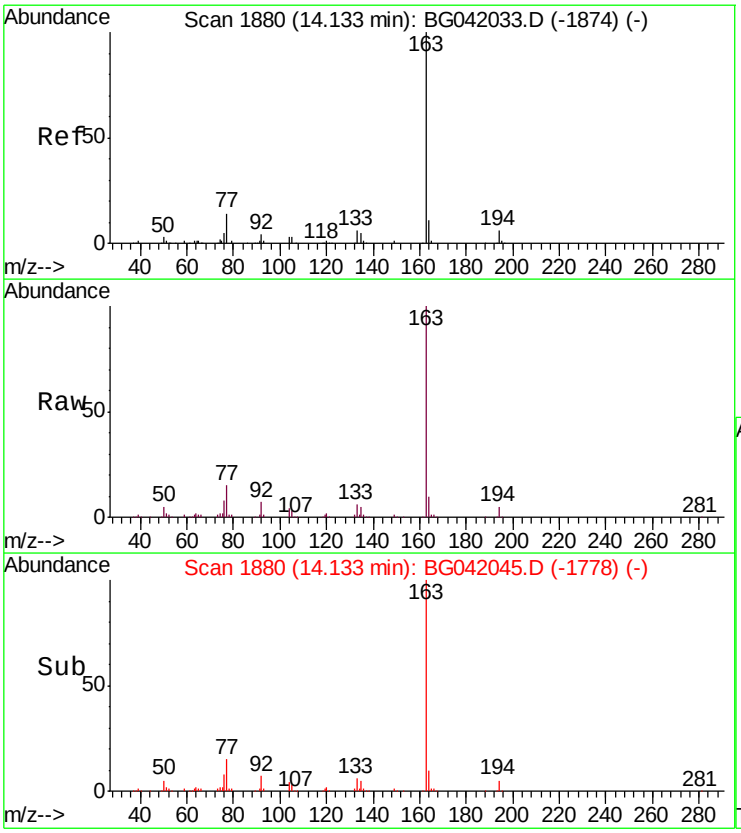
#6
Phenol
Concen: 1.274 ng/ul
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG042045.D
Acq: 8 Aug 2019 00:00

Instrument :
BNA_G
ClientSampleId :
BENX6

Tgt Ion: 94 Resp: 7849

Ion	Ratio	Lower	Upper
94	100		
65	28.0	25.8	38.6
66	44.7	31.8	47.8

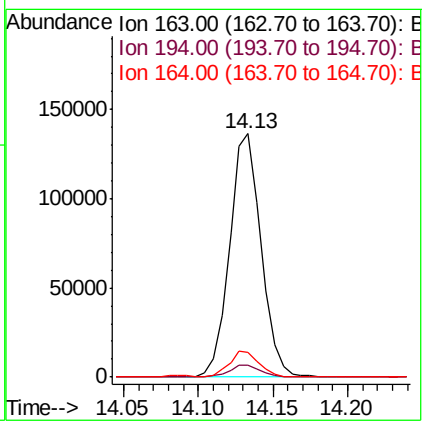


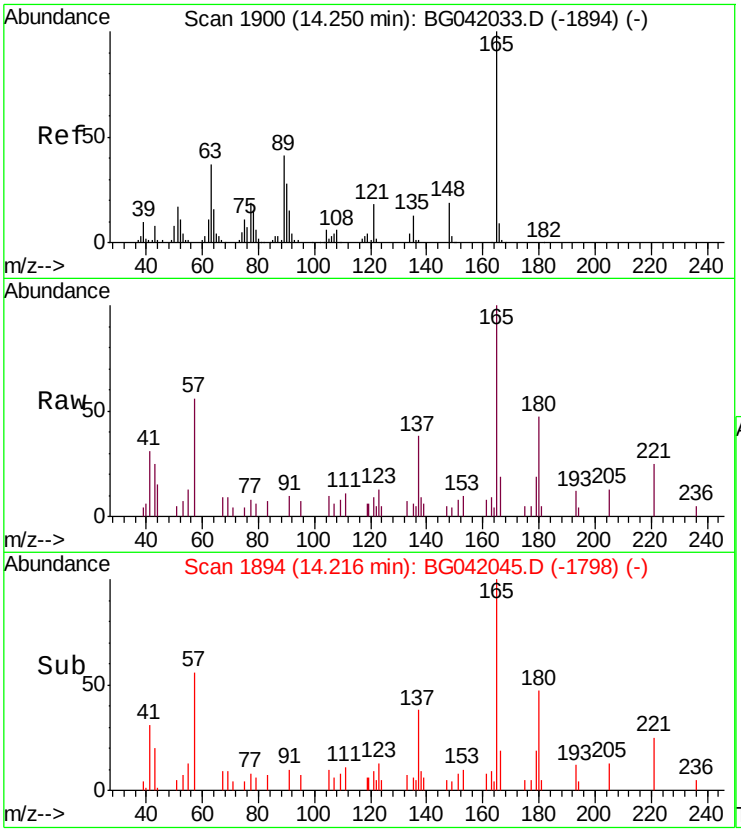


#44
Dimethylphthalate
Concen: 11.650 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042045.D
Acq: 8 Aug 2019 00:00

Tgt Ion:163 Resp: 199550

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	10.3	7.8	11.8



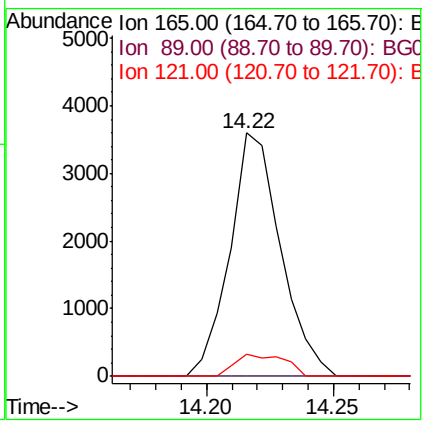


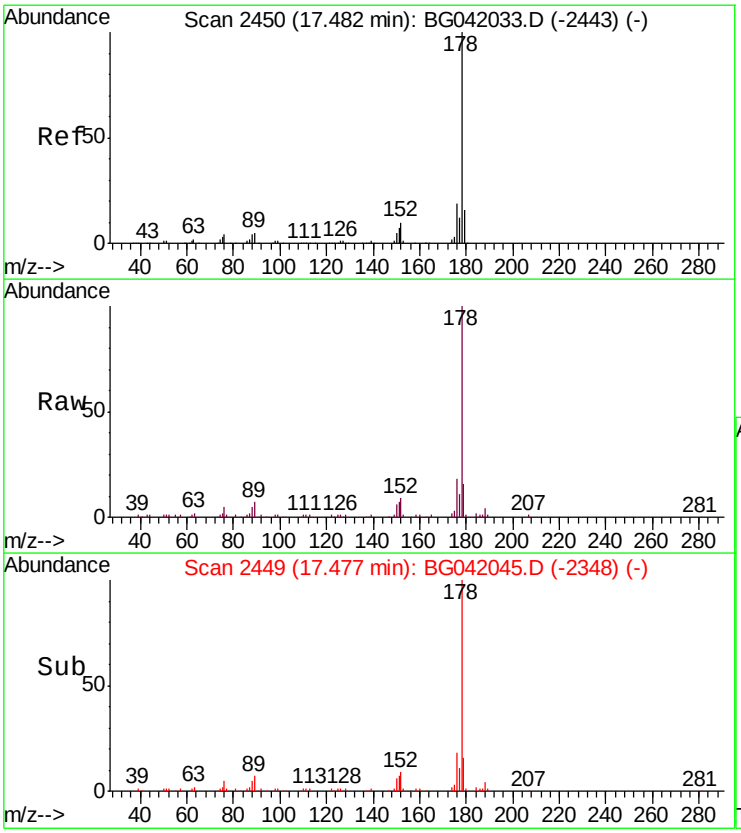
#45
2,6-Dinitrotoluene
Concen: 1.344 ng/ul
RT: 14.22 min Scan# 1894
Delta R.T. -0.03 min
Lab File: BG042045.D
Acq: 8 Aug 2019 00:00

Instrument :
BNA_G
ClientSampleId :
BENX6

Tgt Ion:165 Resp: 5008

Ion	Ratio	Lower	Upper
165	100		
89	0.0	36.8	55.2#
121	9.2	15.6	23.4#

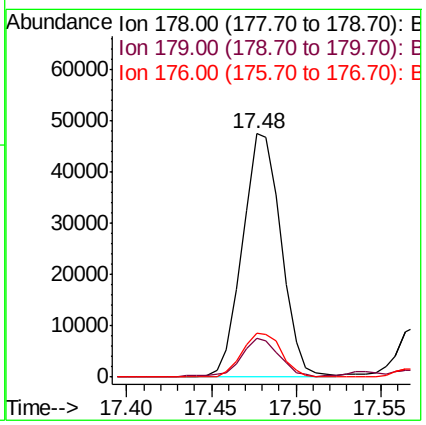


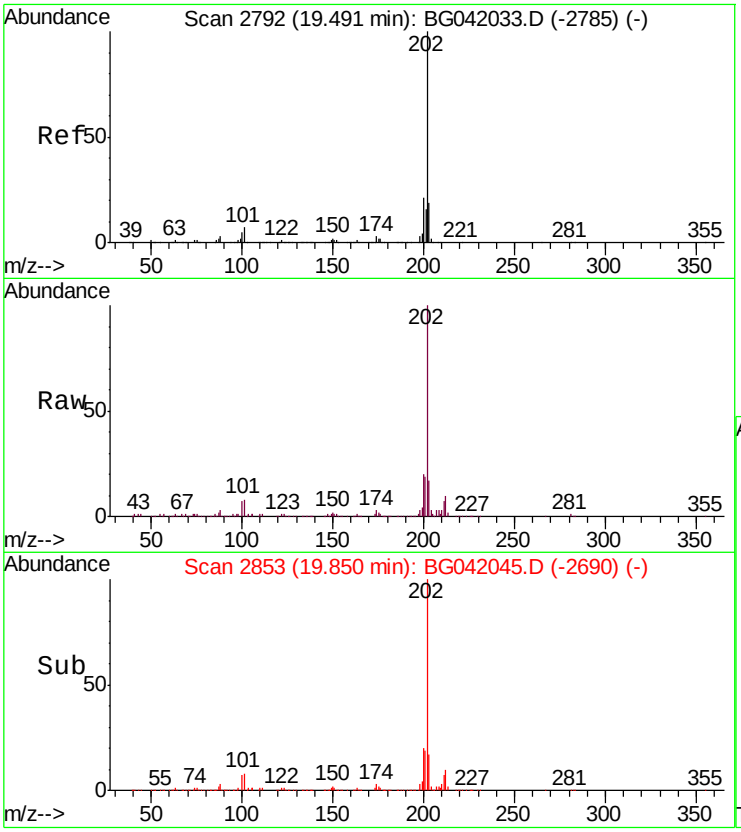


#69
Phenanthrene
Concen: 2.887 ng/ul
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042045.D
Acq: 8 Aug 2019 00:00

Tgt Ion:178 Resp: 75827

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	18.2	15.4	23.2



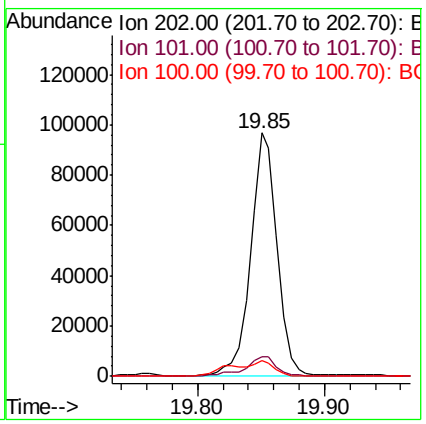


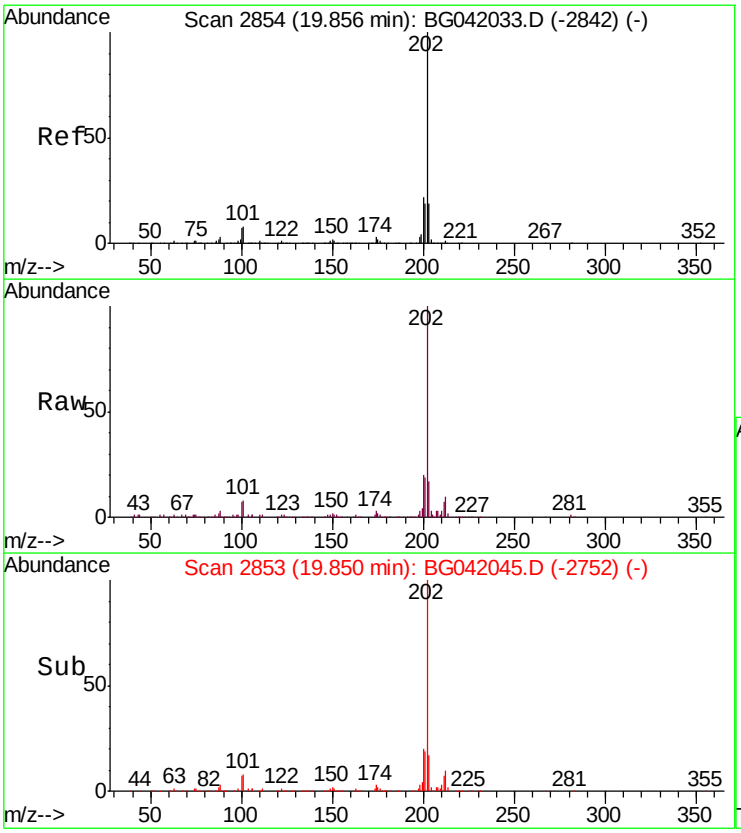
#76
Fluoranthene
Concen: 4.624 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. 0.36 min
Lab File: BG042045.D
Acq: 8 Aug 2019 00:00

Instrument :
BNA_G
ClientSampleId :
BENX6

Tgt Ion:202 Resp: 140310

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.7	10.1
100	6.7	5.3	7.9

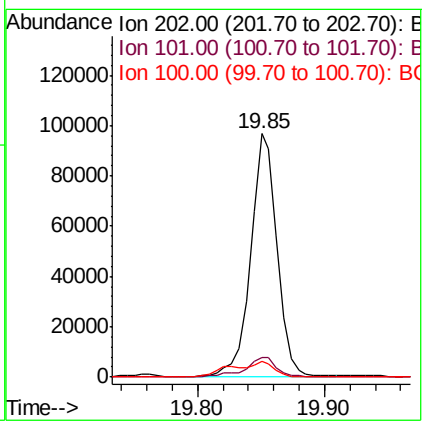


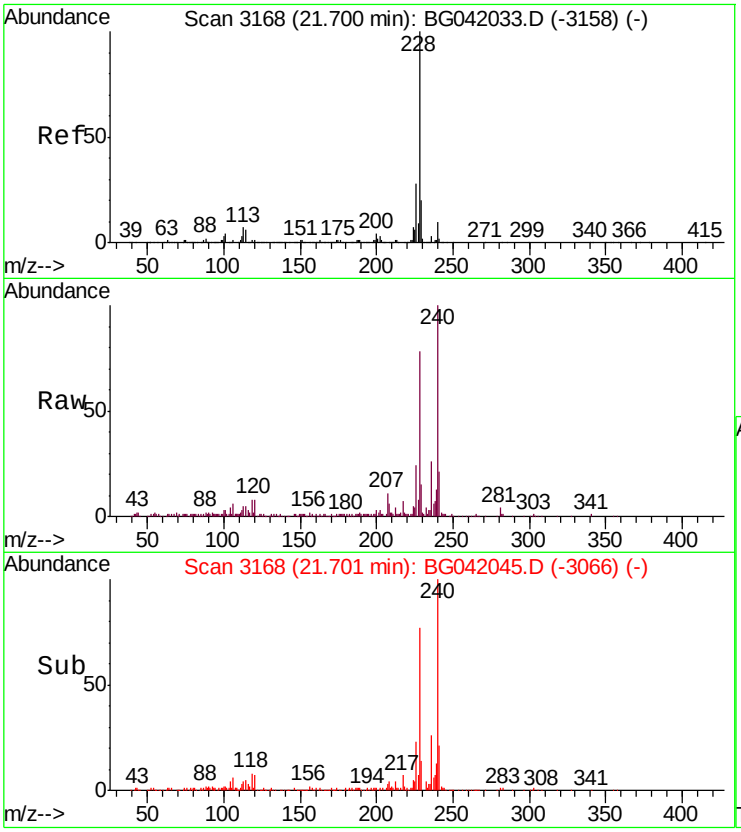


#79
Pyrene
Concen: 4.305 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BG042045.D
Acq: 8 Aug 2019 00:00

Tgt Ion:202 Resp: 140310

Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.6	11.4
100	6.7	6.5	9.7



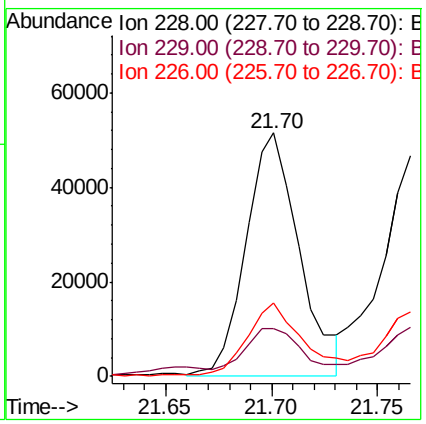


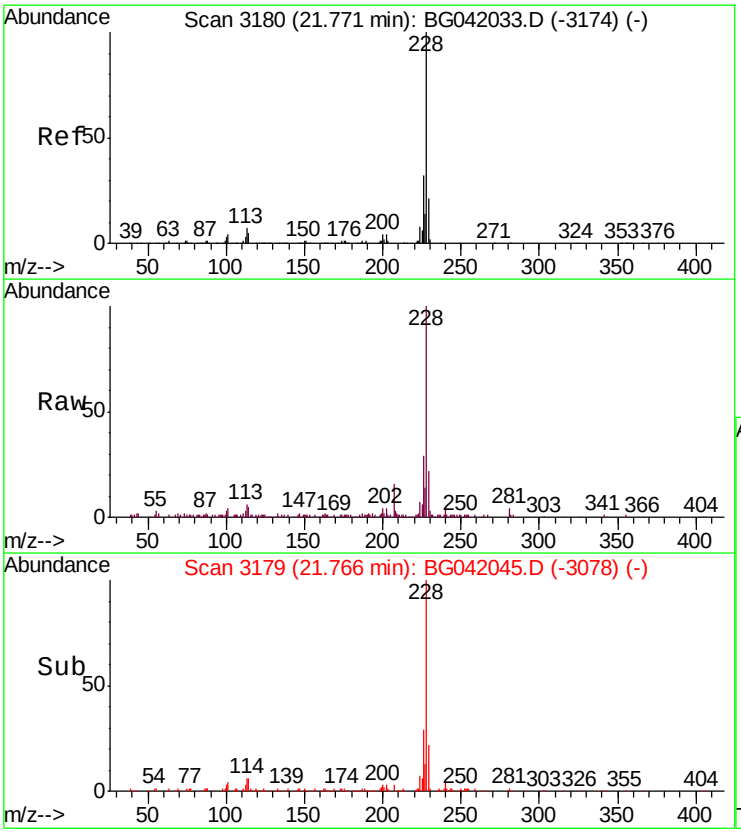
#82
Benzo(a)anthracene
Concen: 2.660 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042045.D
Acq: 8 Aug 2019 00:00

Instrument :
BNA_G
ClientSampleId :
BENX6

Tgt Ion:228 Resp: 89352

Ion	Ratio	Lower	Upper
228	100		
229	19.5	17.0	25.6
226	30.2	23.3	34.9

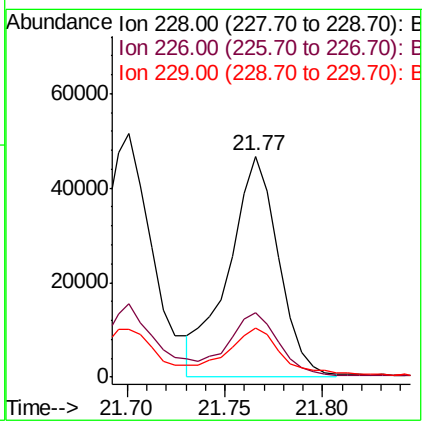


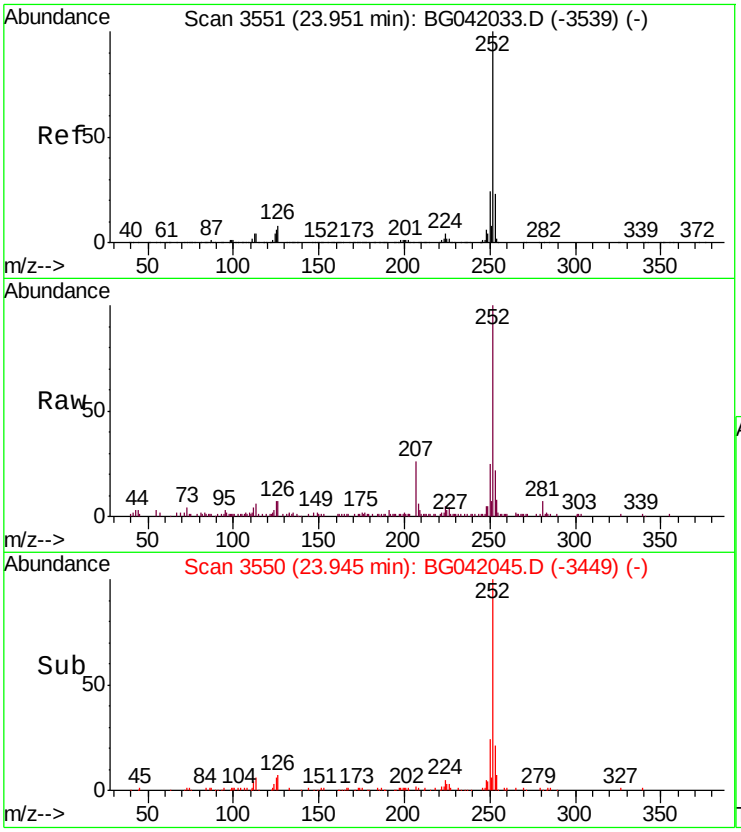


#84
Chrysene
Concen: 2.638 ng/ul
RT: 21.77 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BG042045.D
Acq: 8 Aug 2019 00:00

Tgt Ion:228 Resp: 82709

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.7	38.5
229	22.2	16.6	24.8



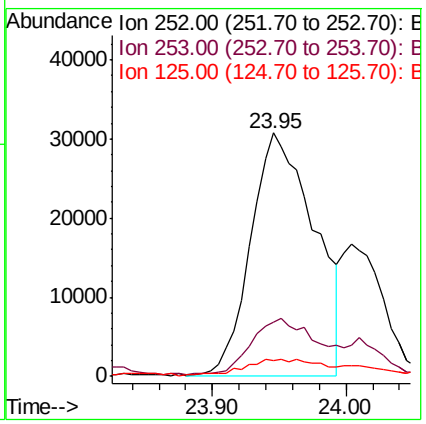


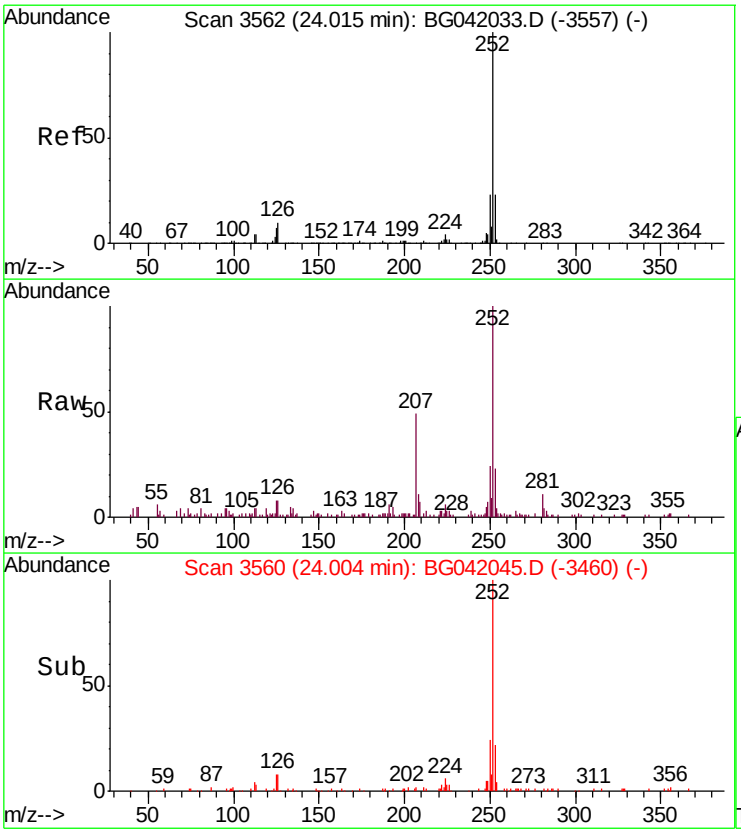
#87
Benzo(b)fluoranthene
Concen: 2.857 ng/ul
RT: 23.95 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BG042045.D
Acq: 8 Aug 2019 00:00

Instrument :
BNA_G
ClientSampleId :
BENX6

Tgt Ion:252 Resp: 101779

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	6.6	5.8	8.8

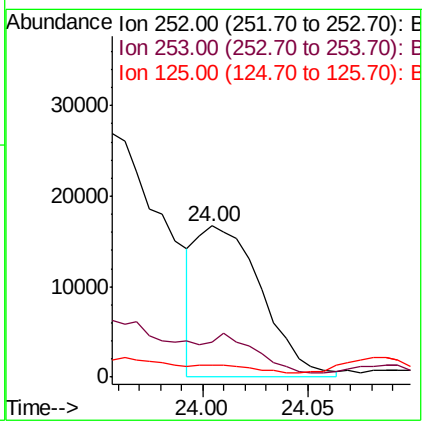


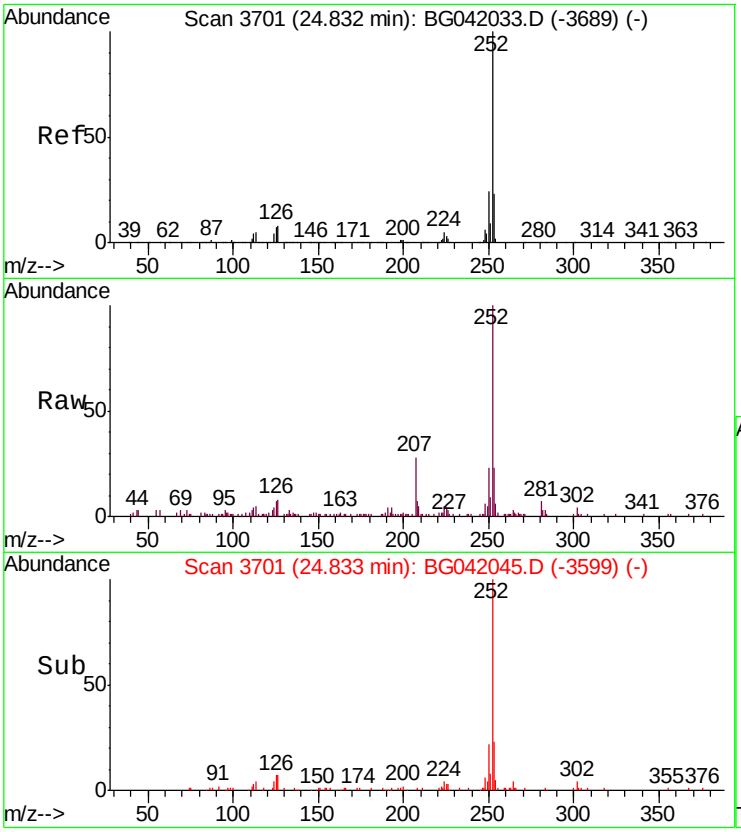


#88
Benzo(k)fluoranthene
Concen: 1.033 ng/ul
RT: 24.00 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BG042045.D
Acq: 8 Aug 2019 00:00

Tgt Ion:252 Resp: 35387

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	7.9	5.5	8.3



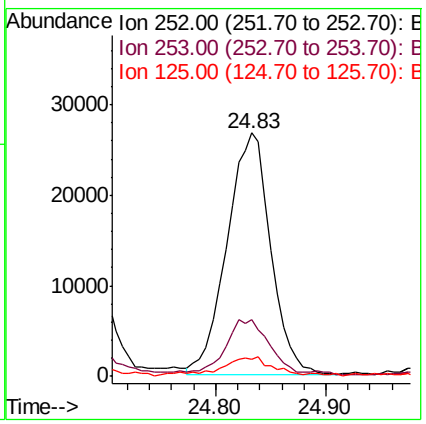


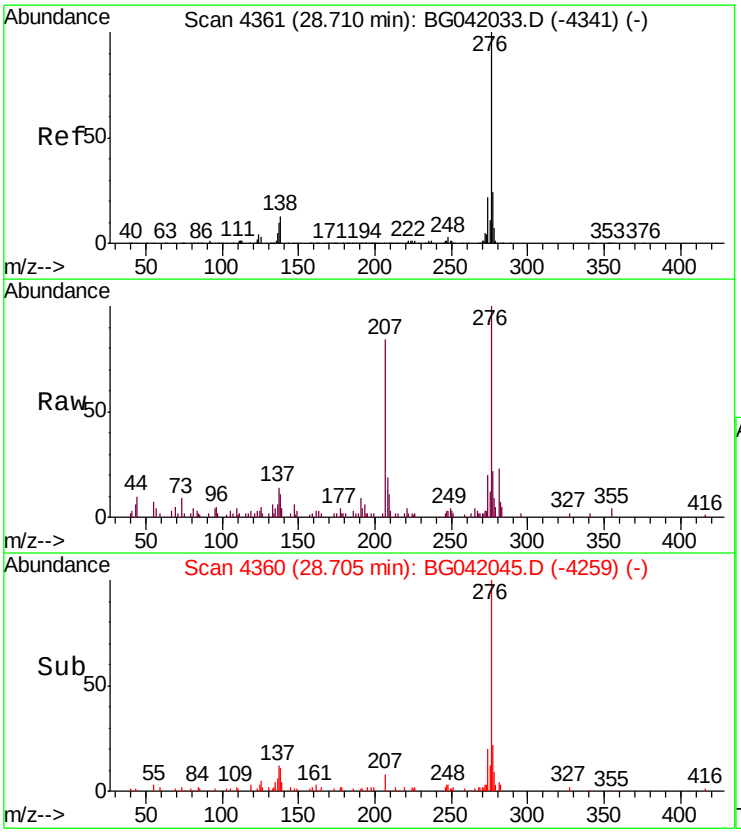
#90
Benzo(a)pyrene
Concen: 2.161 ng/ul
RT: 24.83 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG042045.D
Acq: 8 Aug 2019 00:00

Instrument :
BNA_G
ClientSampleId :
BENX6

Tgt Ion:252 Resp: 73353

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	7.2	6.5	9.7





#91
Indeno(1,2,3-cd)pyrene
Concen: 1.176 ng/ul
RT: 28.70 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042045.D
Acq: 8 Aug 2019 00:00

Tgt Ion:276 Resp: 46580

Ion	Ratio	Lower	Upper
276	100		
138	11.4	12.0	18.0#
277	22.5	19.2	28.8