Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047434.D
Acq On : 24 Nov 2020 5:49
Operator : CG/JU
Sample : L4749-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B76

Quant Time: Nov 24 07:16:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 07:08:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	40268	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	153036	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	110184	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	201516	20.00	ng/ul	0.10
78) Chrysene-d12	21.90	240	220390	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	230508	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	1788	1.61	ng/uL	0.00
5) Phenol-d5	7.41	99	52996	13.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	29081	12.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	40311	14.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	40213	12.96	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	19766	15.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	22546	16.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	48735	15.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	40076	12.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	152010	16.07	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	180099	16.48	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	16021	11.10	ng/ul	0.00
58) Fluorene-d10	15.87	176	136541	15.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.00	200	160	0.14	ng/ul	0.03
71) Anthracene-d10	17.72	188	201516	20.16	ng/ul	0.00
79) Pyrene-d10	19.98	212	218443	17.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	212429	16.01	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.43	94	10483	2.709	ng/ul	90
45) Dimethylphthalate	14.32	163	37207	3.856	ng/ul#	96
70) Phenanthrene	17.66	178	90856	8.349	ng/ul	98
72) Anthracene	17.75	178	16621	1.517	ng/ul	97
75) Carbazole	18.01	167	9648	1.091	ng/ul#	80
77) Fluoranthene	19.65	202	217061	15.794	ng/ul	98
80) Pyrene	20.01	202	174210	11.159	ng/ul	100
83) Benzo(a)anthracene	21.88	228	86092	5.490	ng/ul	97
85) Chrysene	21.94	228	82696	5.542	ng/ul	99
88) Benzo(b)fluoranthene	24.22	252	108499	6.667	ng/ul	97
89) Benzo(k)fluoranthene	24.22	252	108499	6.765	ng/ul	99
91) Benzo(a)pyrene	25.15	252	72401	4.990	ng/ul#	93

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
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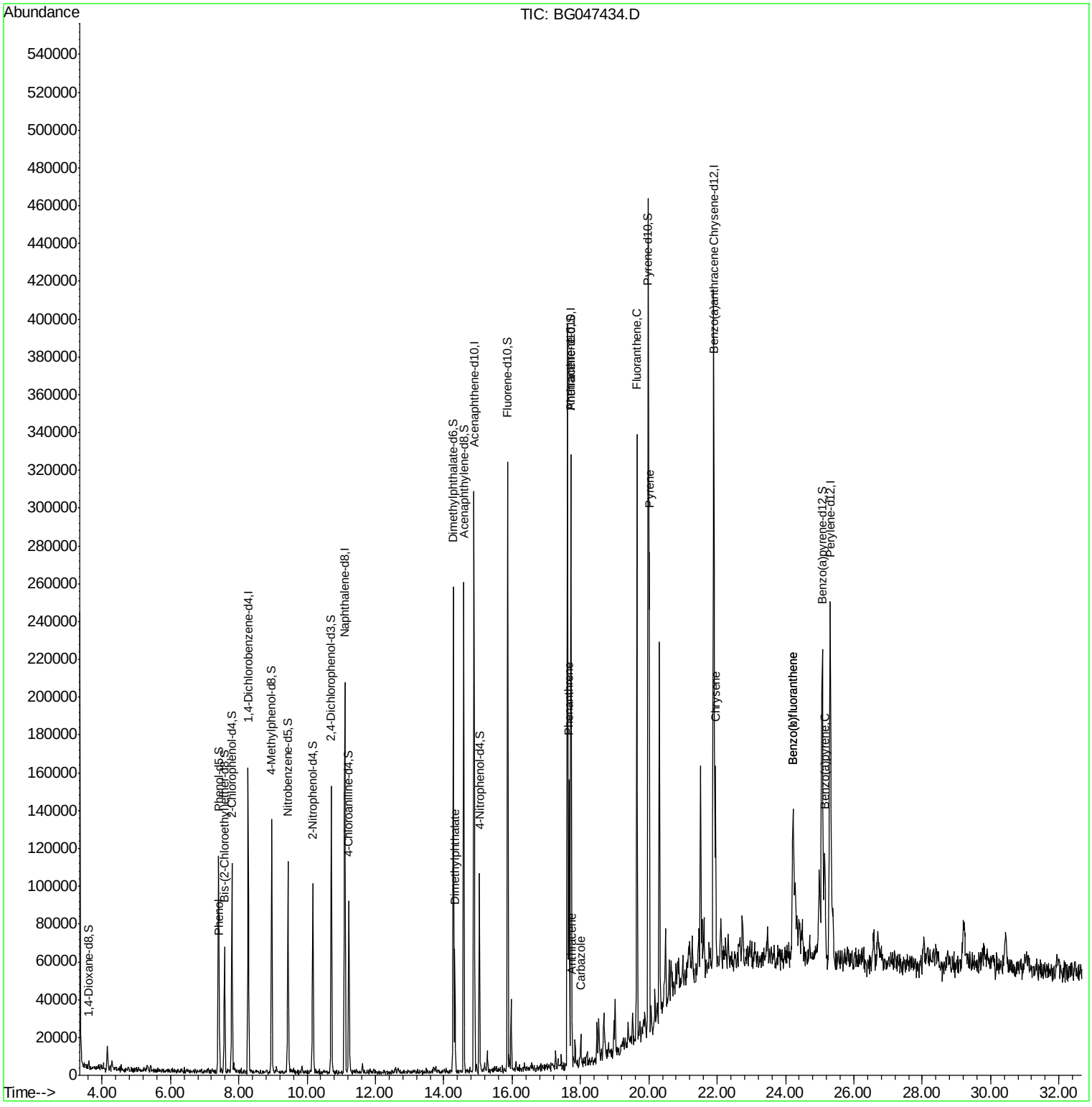
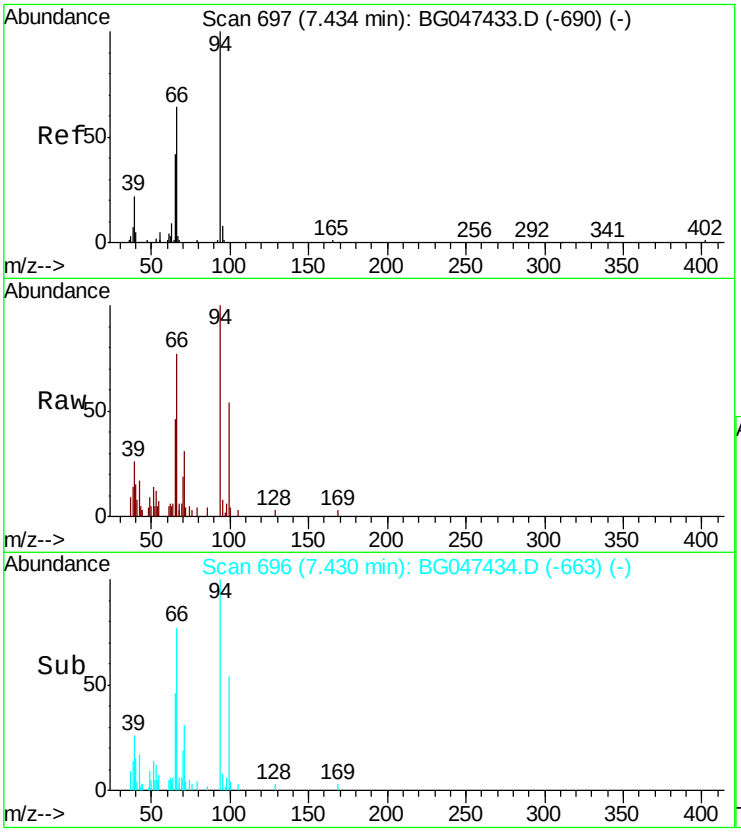
Sample : L4749-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B76

Quant Time: Nov 24 07:16:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 07:08:43 2020
Response via : Initial Calibration



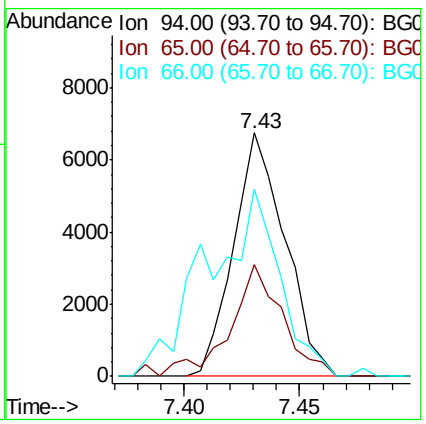


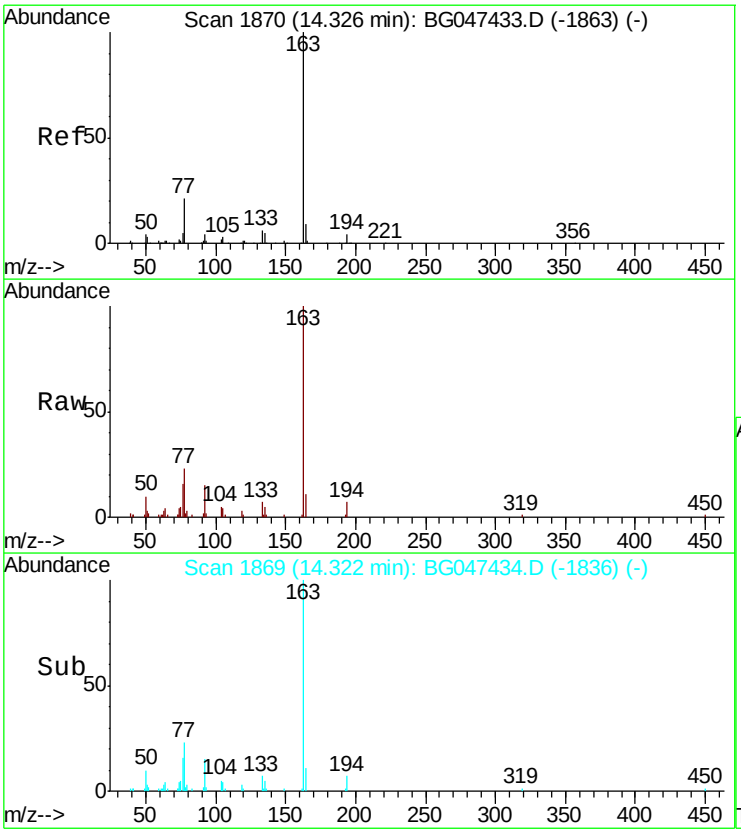
#6
Phenol
Concen: 2.709 ng/ul
RT: 7.43 min Scan# 696
Delta R.T. -0.01 min
Lab File: BG047434.D
Acq: 24 Nov 2020 5:49

Instrument :
BNA_G
ClientSampleId :
C0B76

Tgt Ion: 94 Resp: 10483

Ion	Ratio	Lower	Upper
94	100		
65	45.9	37.8	56.8
66	77.1	51.6	77.4

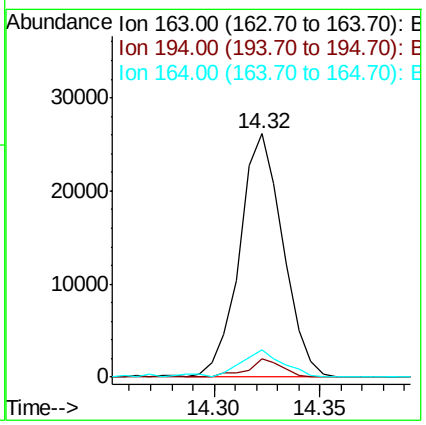


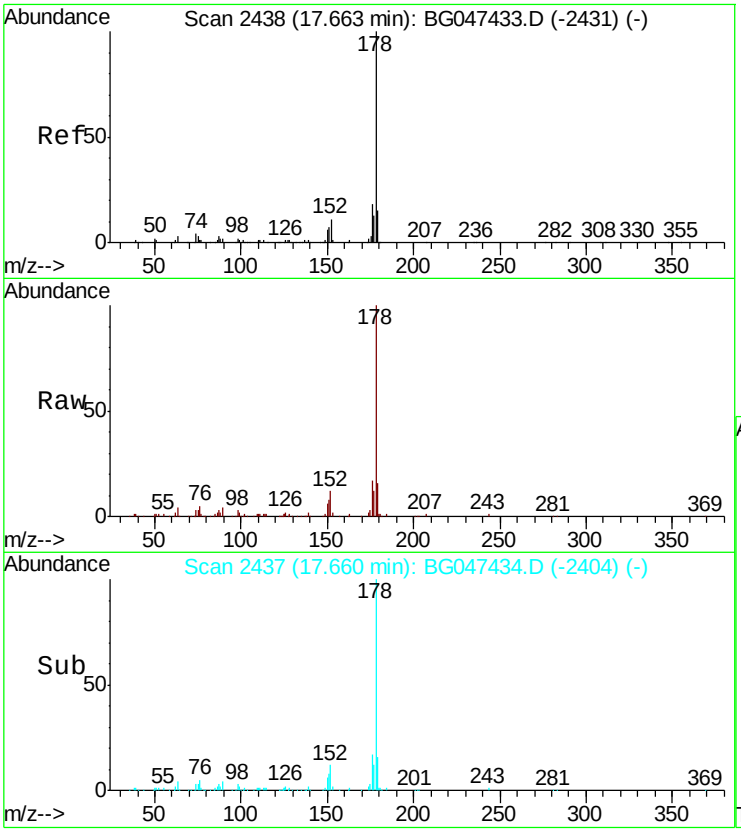


#45
Dimethylphthalate
Concen: 3.856 ng/ul
RT: 14.32 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG047434.D
Acq: 24 Nov 2020 5:49

Tgt Ion:163 Resp: 37207

Ion	Ratio	Lower	Upper
163	100		
194	7.4	3.6	5.4#
164	11.2	8.5	12.7



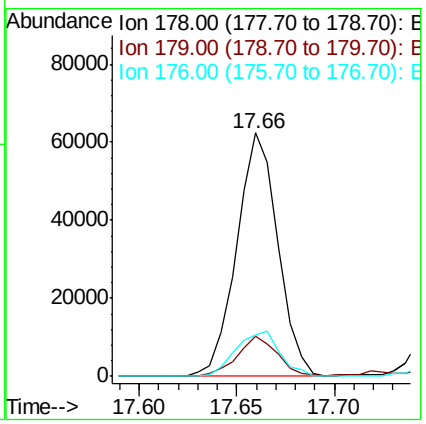


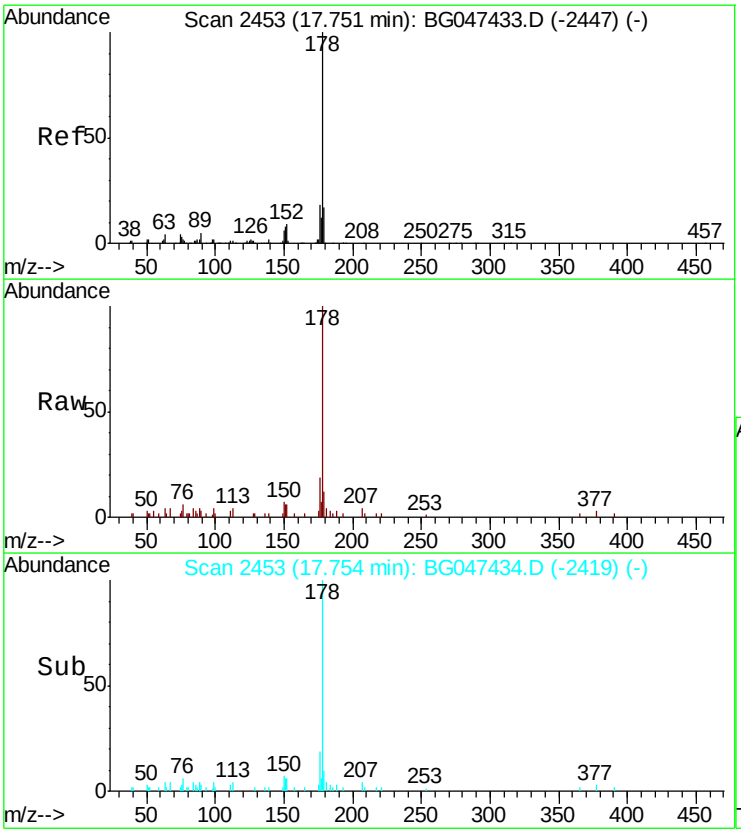
#70
Phenanthrene
Concen: 8.349 ng/ul
RT: 17.66 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG047434.D
Acq: 24 Nov 2020 5:49

Instrument :
BNA_G
ClientSampleId :
C0B76

Tgt Ion:178 Resp: 90856

Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.8	17.6
176	17.1	13.9	20.9

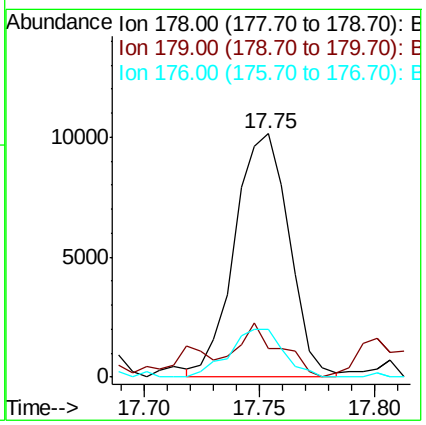


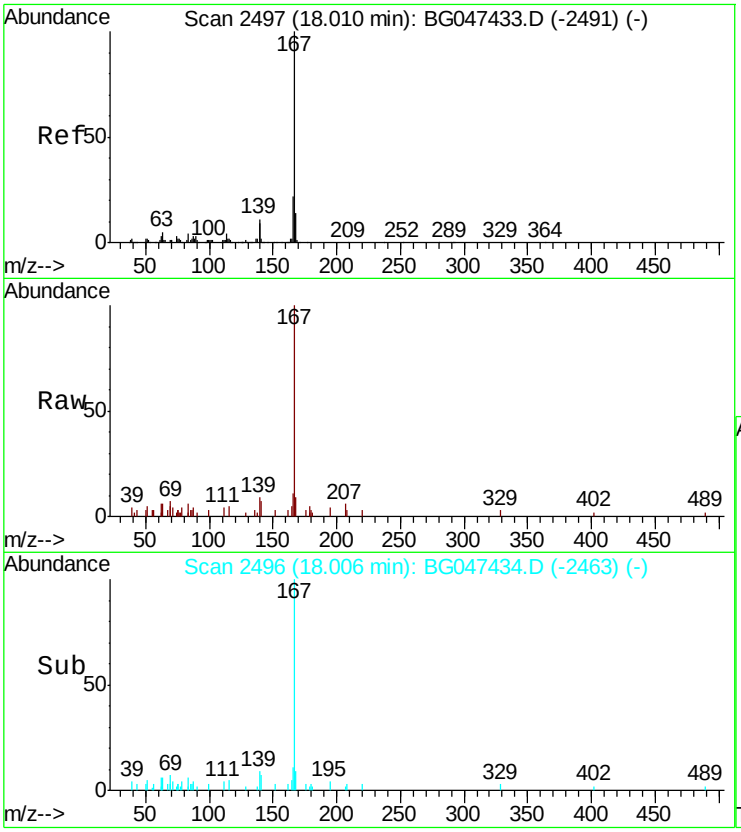


#72
Anthracene
Concen: 1.517 ng/ul
RT: 17.75 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG047434.D
Acq: 24 Nov 2020 5:49

Tgt Ion:178 Resp: 16621

Ion	Ratio	Lower	Upper
178	100		
179	11.7	11.7	17.5
176	19.5	15.4	23.0



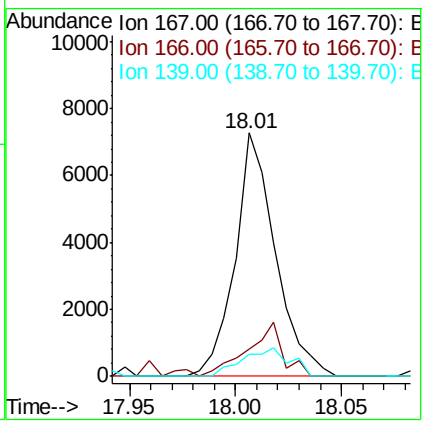


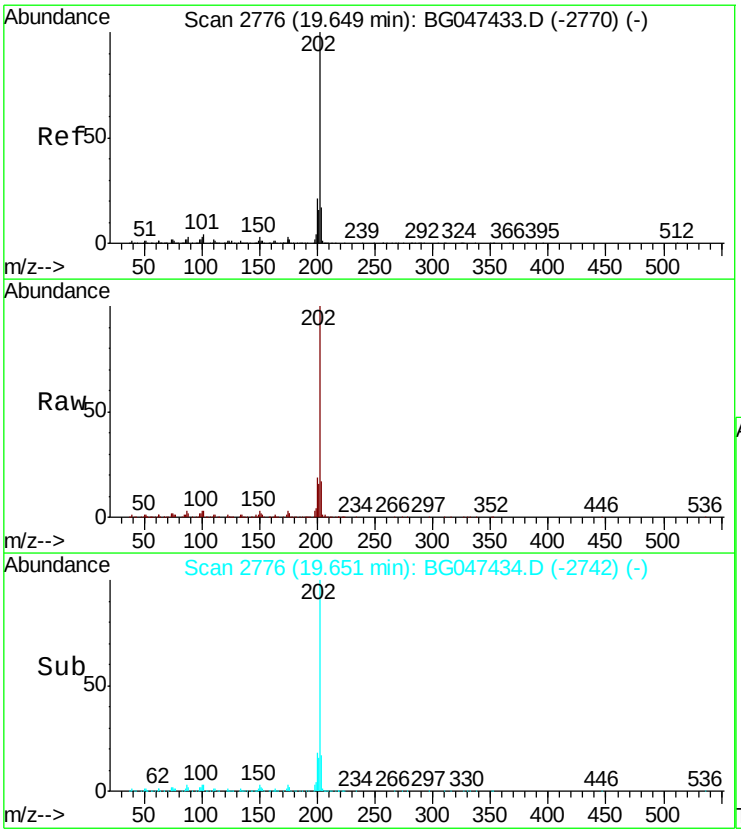
#75
Carbazole
Concen: 1.091 ng/ul
RT: 18.01 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG047434.D
Acq: 24 Nov 2020 5:49

Instrument :
BNA_G
ClientSampleId :
C0B76

Tgt Ion:167 Resp: 9648

Ion	Ratio	Lower	Upper
167	100		
166	11.4	19.2	28.8#
139	8.9	10.0	15.0#

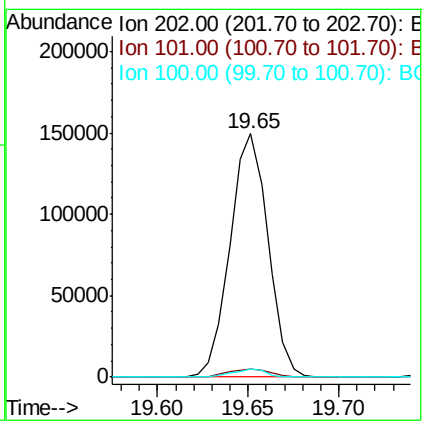


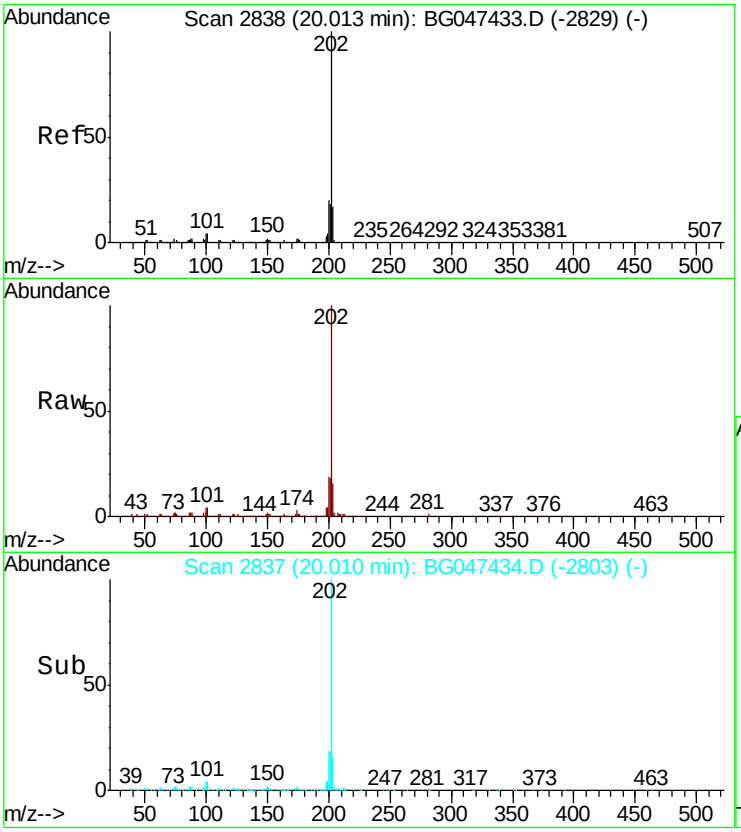


#77
Fluoranthene
Concen: 15.794 ng/ul
RT: 19.65 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BG047434.D
Acq: 24 Nov 2020 5:49

Tgt Ion:202 Resp: 217061

Ion	Ratio	Lower	Upper
202	100		
101	3.4	3.0	4.6
100	3.2	3.0	4.6



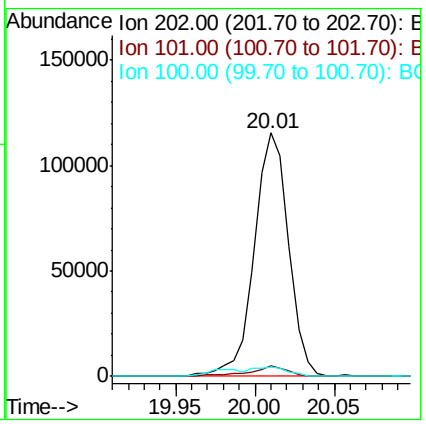


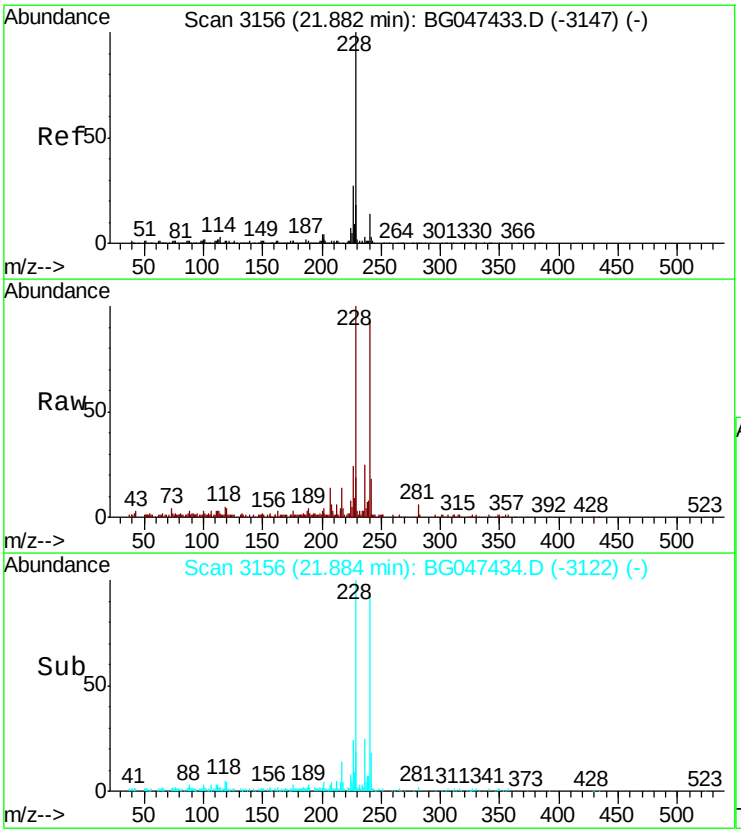
#80
Pyrene
Concen: 11.159 ng/ul
RT: 20.01 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG047434.D
Acq: 24 Nov 2020 5:49

Instrument :
BNA_G
ClientSampleId :
C0B76

Tgt Ion:202 Resp: 174210

Ion	Ratio	Lower	Upper
202	100		
101	4.4	3.5	5.3
100	3.9	3.4	5.0

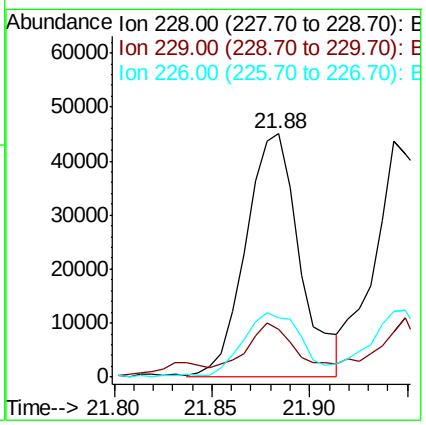


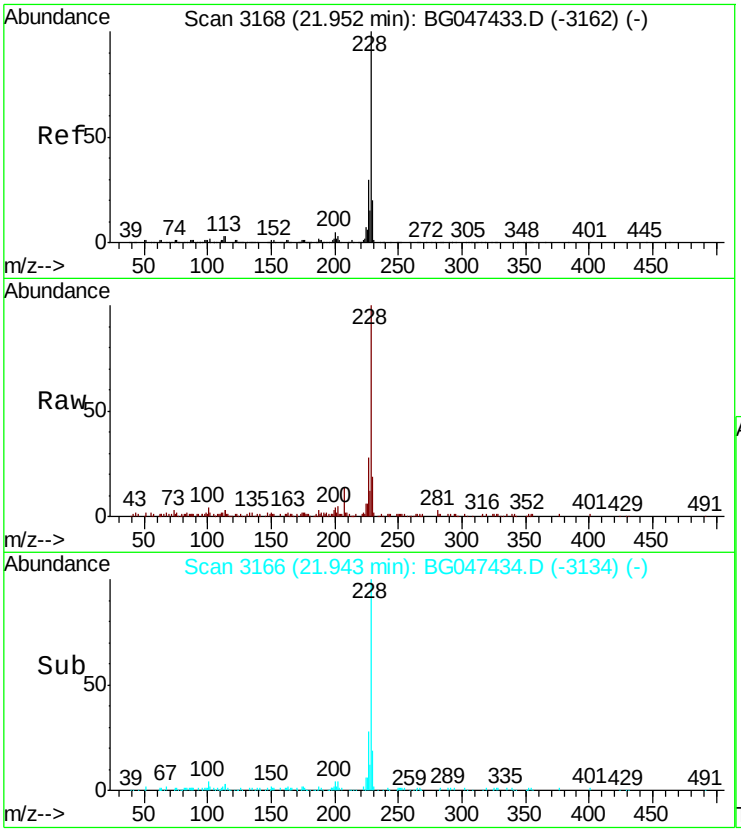


#83
Benzo(a)anthracene
Concen: 5.490 ng/ul
RT: 21.88 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG047434.D
Acq: 24 Nov 2020 5:49

Tgt Ion:228 Resp: 86092

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	24.5	21.7	32.5



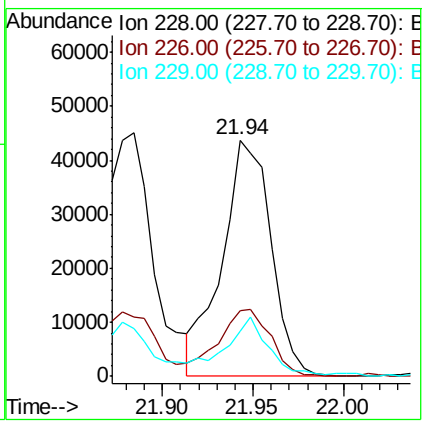


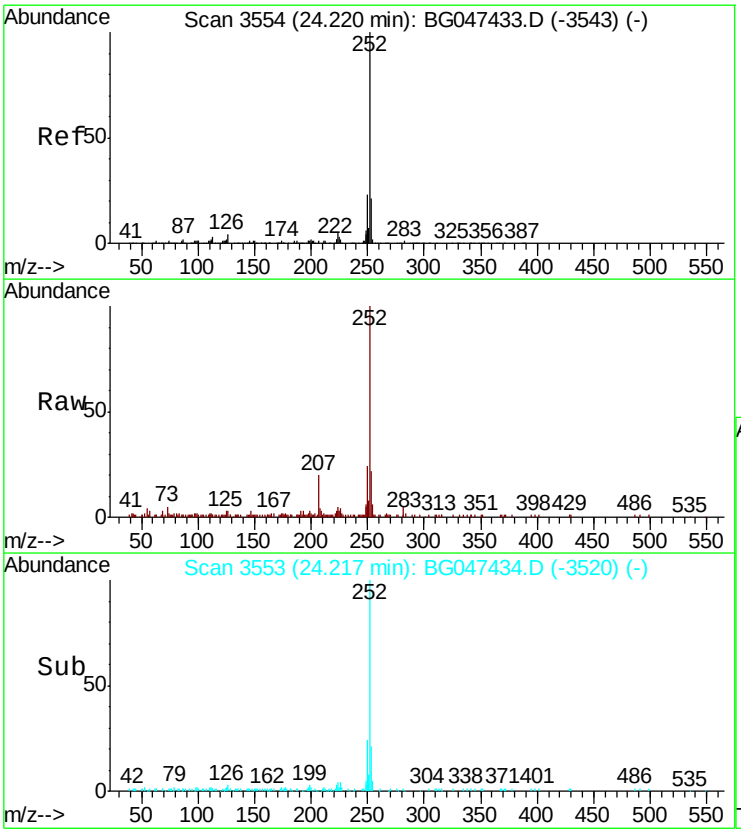
#85
Chrysene
Concen: 5.542 ng/ul
RT: 21.94 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG047434.D
Acq: 24 Nov 2020 5:49

Instrument :
BNA_G
ClientSampleId :
C0B76

Tgt Ion:228 Resp: 82696

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	19.3	16.5	24.7

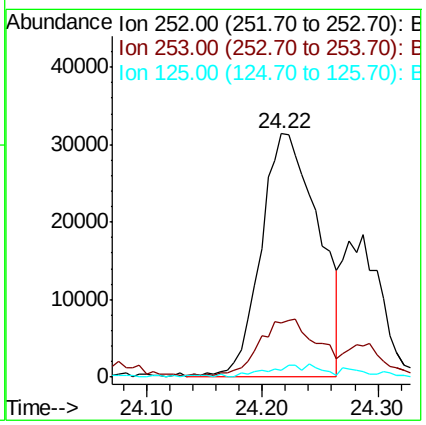


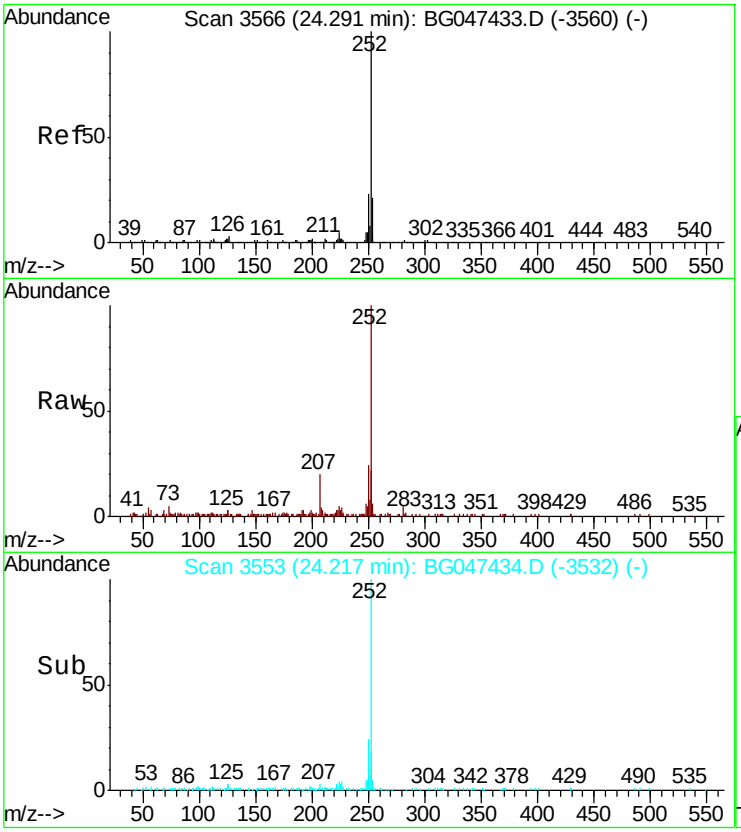


#88
Benzo(b)fluoranthene
Concen: 6.667 ng/ul
RT: 24.22 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG047434.D
Acq: 24 Nov 2020 5:49

Tgt Ion:252 Resp: 108499

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.6	25.0
125	2.8	2.7	4.1



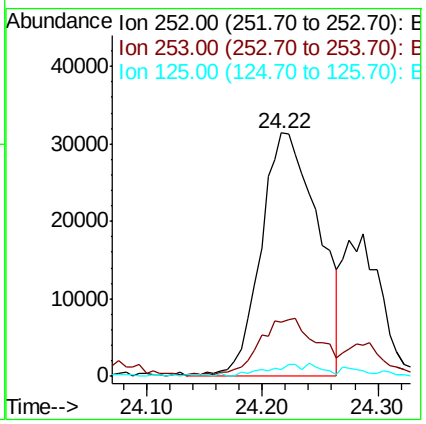


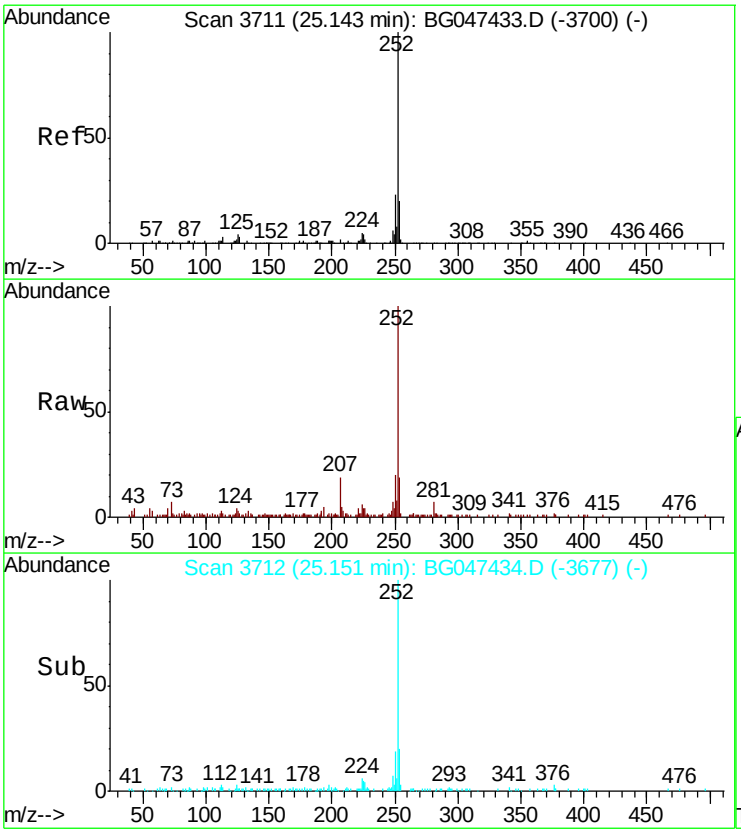
#89
Benzo(k)fluoranthene
Concen: 6.765 ng/ul
RT: 24.22 min Scan# 3553
Delta R.T. -0.08 min
Lab File: BG047434.D
Acq: 24 Nov 2020 5:49

Instrument :
BNA_G
ClientSampleId :
C0B76

Tgt Ion:252 Resp: 108499

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	2.8	2.2	3.2





#91
Benzo(a)pyrene
Concen: 4.990 ng/ul
RT: 25.15 min Scan# 3712
Delta R.T. 0.00 min
Lab File: BG047434.D
Acq: 24 Nov 2020 5:49

Tgt Ion:252 Resp: 72401

Ion	Ratio	Lower	Upper
252	100		
253	19.3	18.6	27.8
125	2.6	3.1	4.7#