Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
Data File : BG047721.D
Acq On : 11 Dec 2020 19:48
Operator : CG/JU
Sample : PB133342BL
Misc : MDL-SOIL-BL-03
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK342

Quant Time: Dec 12 00:01:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 23:58:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	30325	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	122407	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	97535	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	239959	20.00	ng/ul	0.00
79) Chrysene-d12	21.83	240	265344	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	267729	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	4584	6.65	ng/uL	0.00
4) Pyridine-d5	3.96	84	74273	37.96	ng/ul	0.00
7) Phenol-d5	7.34	99	99208	38.99	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	56549	42.19	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	77322	40.20	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	81730	42.24	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	41208	40.01	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	49217	41.98	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	93674	37.83	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	110878	38.47	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	336634	41.82	ng/ul	0.00
49) Acenaphthylene-d8	14.53	160	350645	38.09	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	48986	39.96	ng/ul	0.00
60) Fluorene-d10	15.81	176	290806	38.70	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	64864	39.50	ng/ul	0.00
73) Anthracene-d10	17.66	188	482773	41.38	ng/ul	0.00
81) Pyrene-d10	19.93	212	610545	42.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.97	264	624236	41.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	141	0.198	ng/uL#	21
6) Benzaldehyde	7.33	77	93	0.080	ng/ul#	43
14) 2,2'-oxybis(1-Chloropropan	8.90	45	528	0.326	ng/ul#	35
17) N-Nitroso-di-n-propylamine	8.91	70	1757	0.985	ng/ul#	1
22) Nitrobenzene	9.38	77	236	0.077	ng/ul#	1
23) Isophorone	10.10	82	6867	1.289	ng/ul#	78
47) Dimethylphthalate	14.23	163	54	0.007	ng/ul#	1
61) Fluorene	15.81	166	897	0.117	ng/ul#	12
63) 4-Nitroaniline	15.91	138	119	0.101	ng/ul#	1
66) 4,6-Dinitro-2-methylphenol	15.92	198	373	0.224	ng/ul#	1
67) N-Nitrosodiphenylamine	15.92	169	577	0.086	ng/ul#	39
77) Carbazole	17.95	167	124	0.012	ng/ul#	59
78) Di-n-butylphthalate	18.50	149	141	0.011	ng/ul#	75
82) Pyrene	19.96	202	192	0.011	ng/ul#	87
83) Butylbenzylphthalate	20.83	149	91	0.015	ng/ul#	19
85) Benzo(a)anthracene	21.83	228	932	0.050	ng/ul#	52
86) Bis(2-ethylhexyl)phthalate	21.70	149	374	0.043	ng/ul#	50
87) Chrysene	21.88	228	111	0.006	ng/ul#	50
89) Di-n-octyl phthalate	22.96	149	213	0.015	ng/ul	100
90) Benzo(b)fluoranthene	24.11	252	75	0.004	ng/ul#	1
91) Benzo(k)fluoranthene	24.18	252	227	0.012	ng/ul#	59
93) Benzo(a)pyrene	25.02	252	507	0.031	ng/ul#	59

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
Data File : BG047721.D
Acq On : 11 Dec 2020 19:48
Operator : CG/JU
Sample : PB133342BL
Misc : MDL-SOIL-BL-03
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK342

Quant Time: Dec 12 00:01:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 23:58:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Indeno(1,2,3-cd)pyrene	29.06	276	63	0.003	ng/ul#	59

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
Data File : BG047721.D
Acq On : 11 Dec 2020 19:48
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Misc : MDL-SOIL-BL-03
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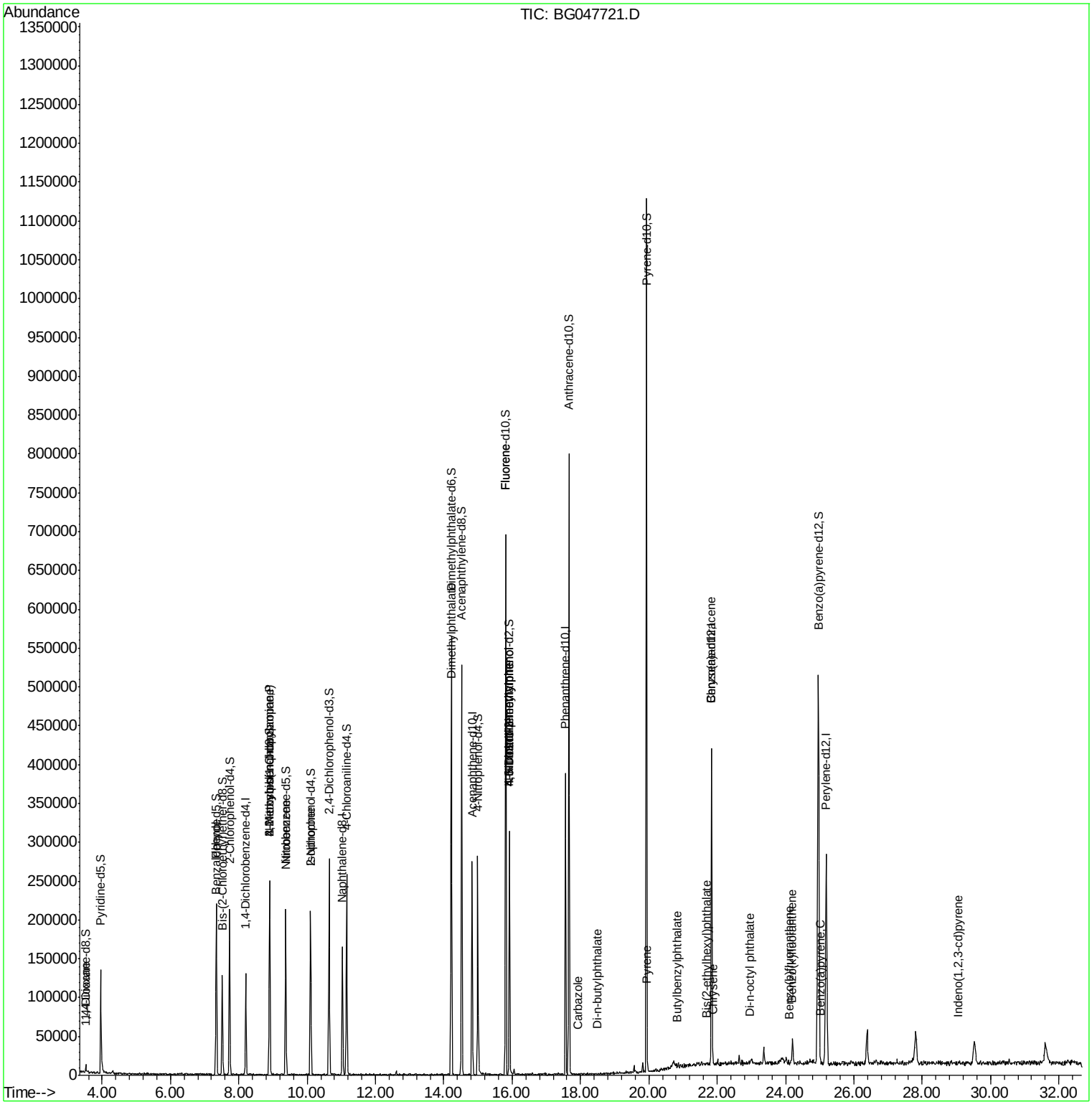
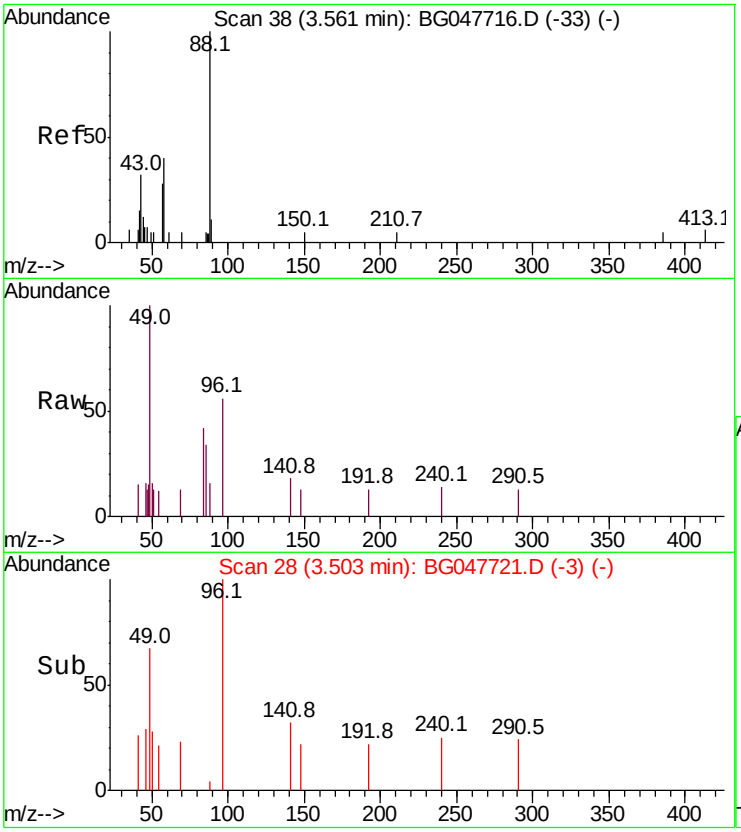
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 23:58:58 2020
Response via : Initial Calibration



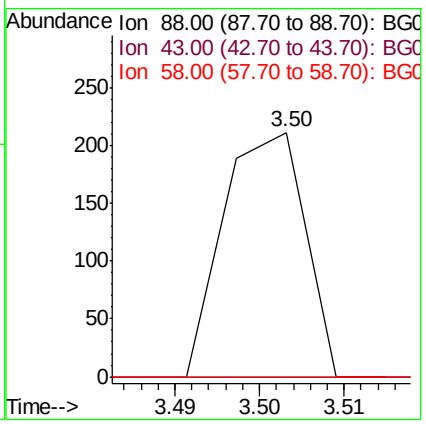


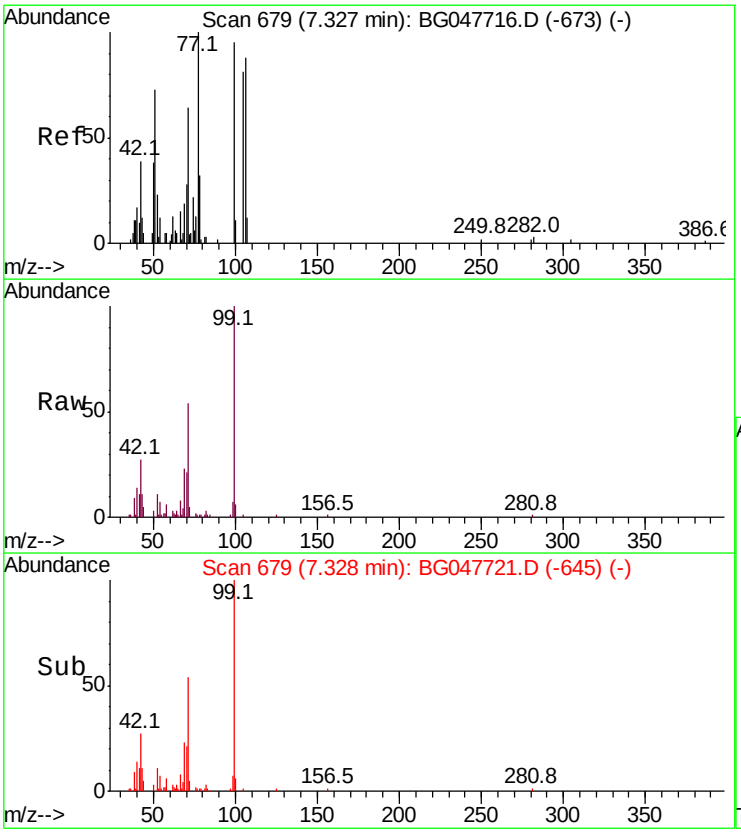
#2
1,4-Dioxane
Concen: 0.198 ng/uL
RT: 3.50 min Scan# 28
Delta R.T. -0.05 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Instrument :
BNA_G
ClientSampleId :
SBLK342

Tgt Ion: 88 Resp: 141

Ion	Ratio	Lower	Upper
88	100		
43	0.0	40.6	61.0#
58	0.0	54.0	81.0#

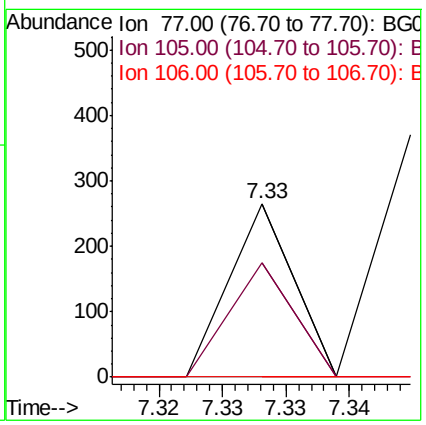


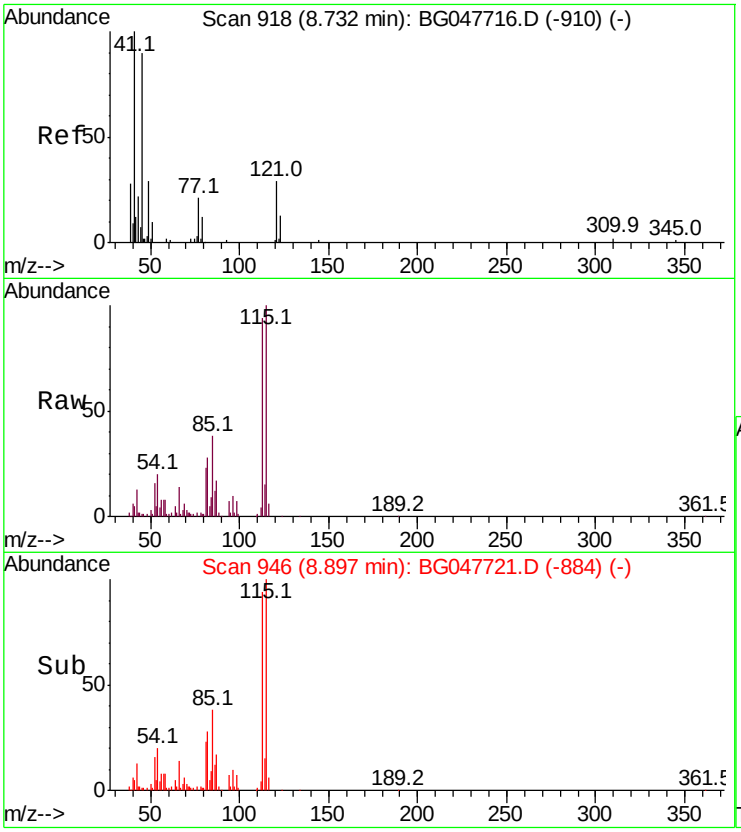


#6
Benzaldehyde
Concen: 0.080 ng/ul
RT: 7.33 min Scan# 679
Delta R.T. -0.00 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Tgt Ion: 77 Resp: 93

Ion	Ratio	Lower	Upper
77	100		
105	65.7	67.9	101.9#
106	0.0	68.1	102.1#



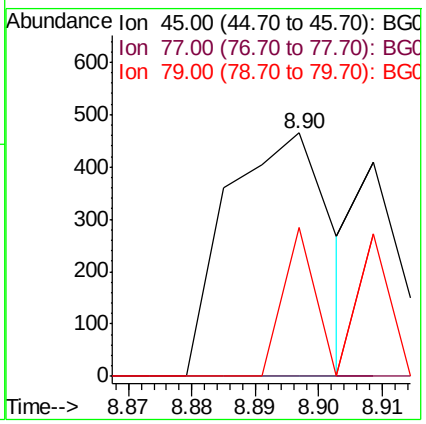


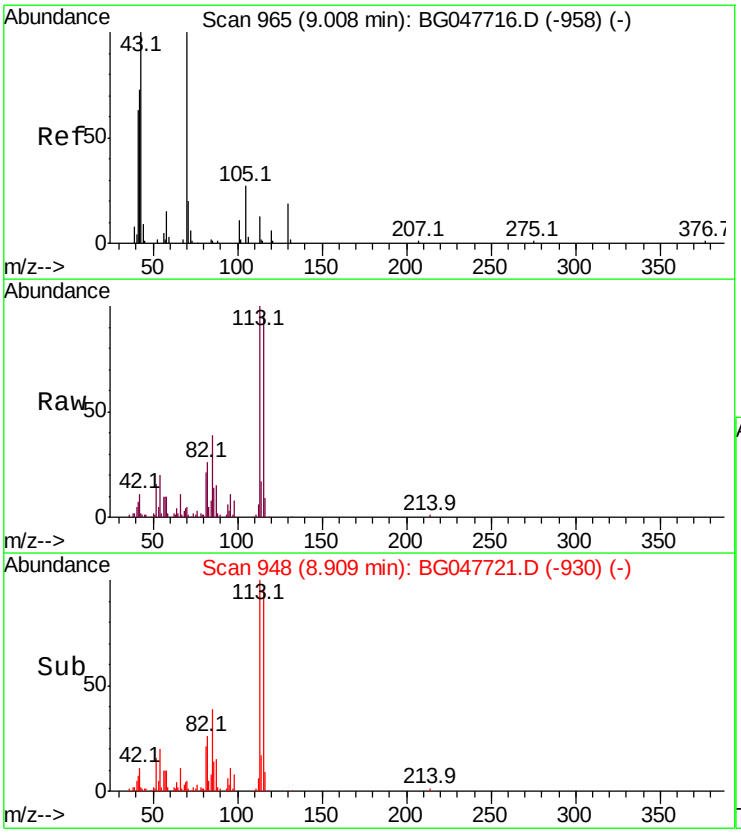
#14
2,2'-oxybis(1-Chloropropane)
Concen: 0.326 ng/ul
RT: 8.90 min Scan# 946
Delta R.T. 0.16 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Instrument :
BNA_G
ClientSampleId :
SBLK342

Tgt Ion: 45 Resp: 528

Ion	Ratio	Lower	Upper
45	100		
77	0.0	18.3	27.5#
79	61.1	17.0	25.6#

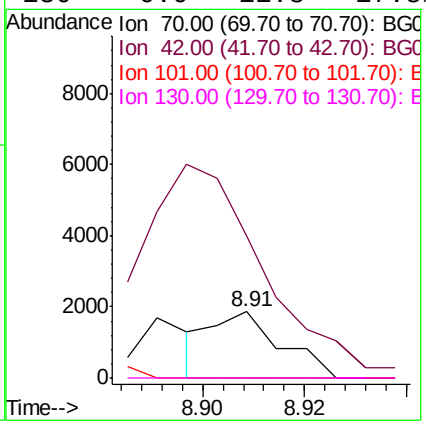


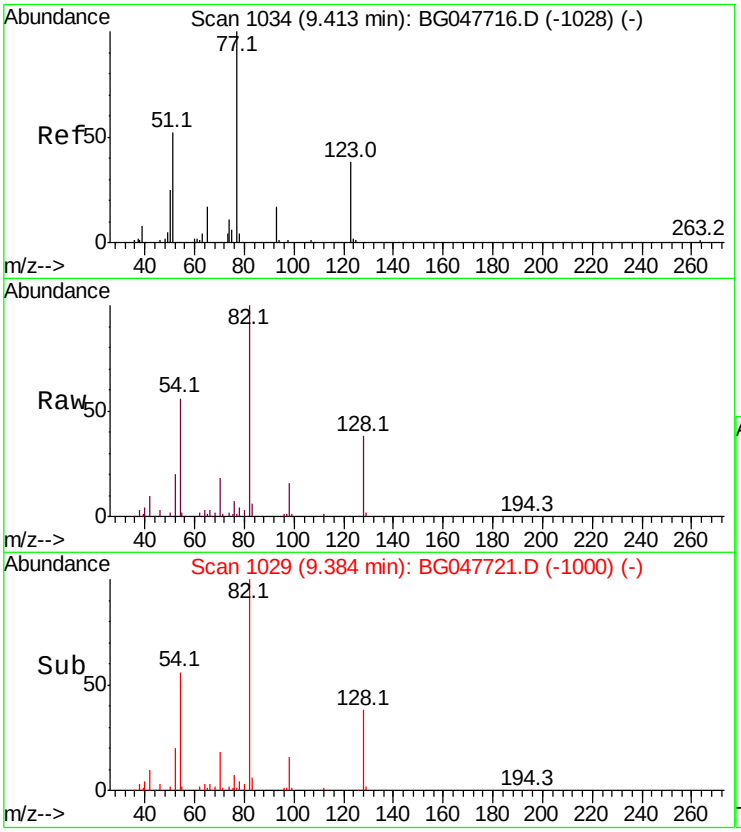


#17
N-Nitroso-di-n-propylamine
Concen: 0.985 ng/ul
RT: 8.91 min Scan# 948
Delta R.T. -0.10 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Tgt Ion: 70 Resp: 1757

Ion	Ratio	Lower	Upper
70	100		
42	214.7	45.0	67.6#
101	0.0	7.0	10.4#
130	0.0	11.8	17.8#



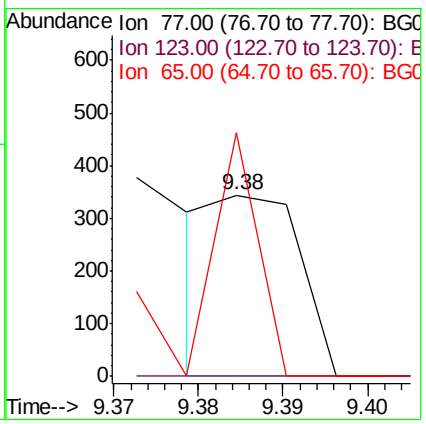


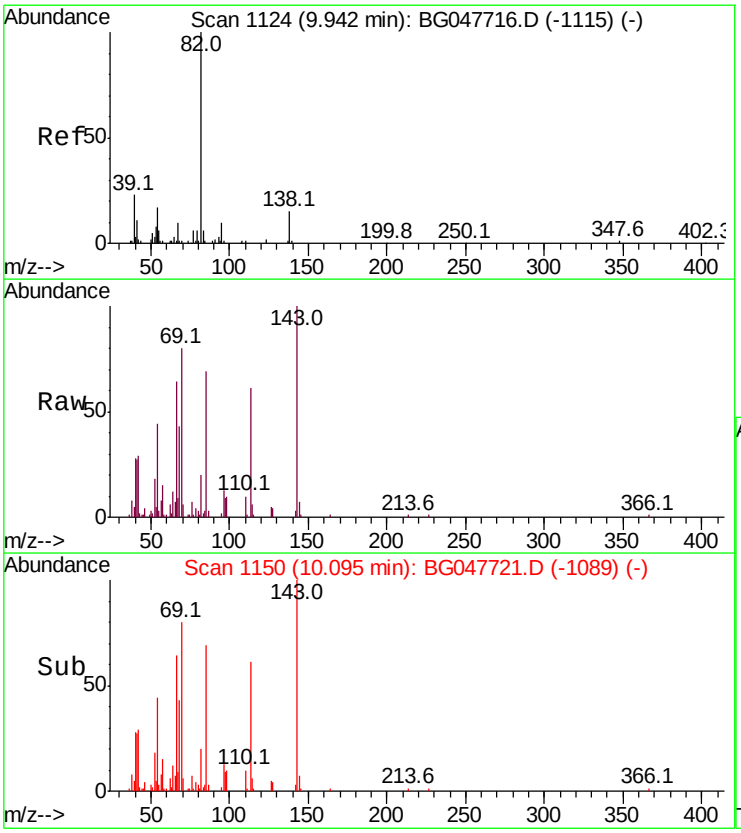
#22
Nitrobenzene
Concen: 0.077 ng/ul
RT: 9.38 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Instrument :
BNA_G
ClientSampleId :
SBLK342

Tgt Ion: 77 Resp: 236

Ion	Ratio	Lower	Upper
77	100		
123	0.0	22.5	33.7#
65	134.3	13.8	20.6#

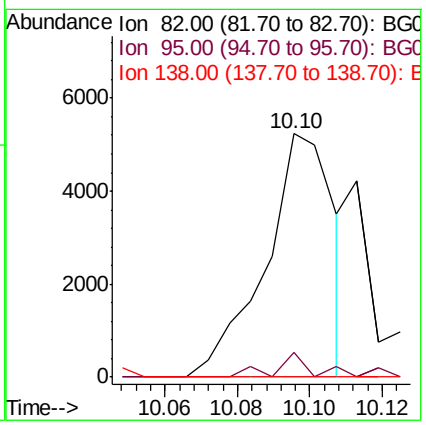


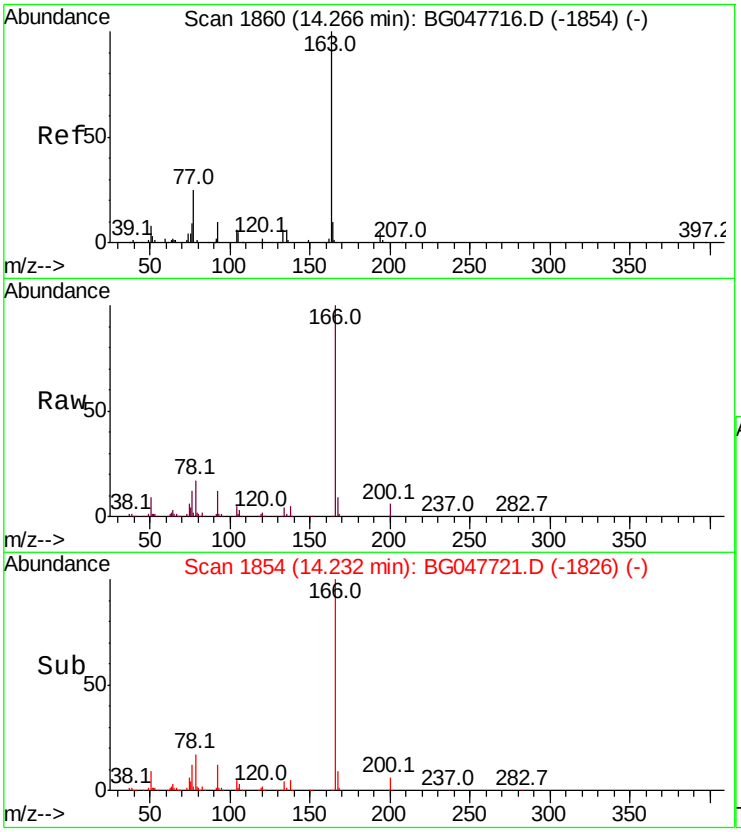


#23
Isophorone
Concen: 1.289 ng/ul
RT: 10.10 min Scan# 1150
Delta R.T. 0.16 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Tgt Ion: 82 Resp: 6867

Ion	Ratio	Lower	Upper
82	100		
95	10.4	8.7	13.1
138	0.0	12.4	18.6#



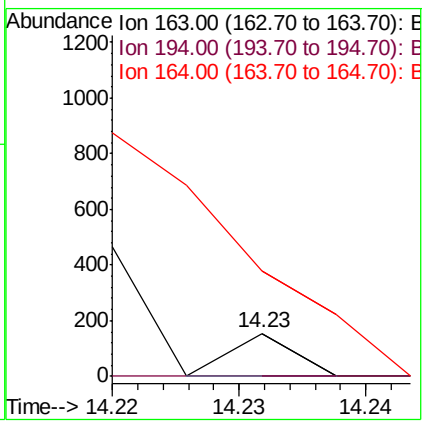


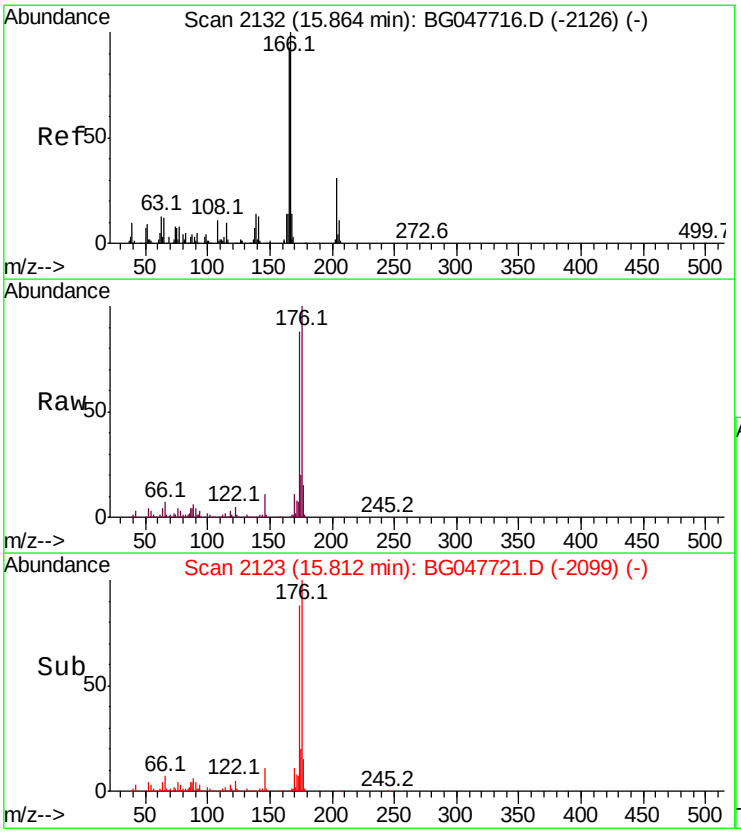
#47
Dimethylphthalate
Concen: 0.007 ng/ul
RT: 14.23 min Scan# 1854
Delta R.T. -0.04 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Instrument :
BNA_G
ClientSampleId :
SBLK342

Tgt Ion:163 Resp: 54

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.2#
164	246.1	8.1	12.1#

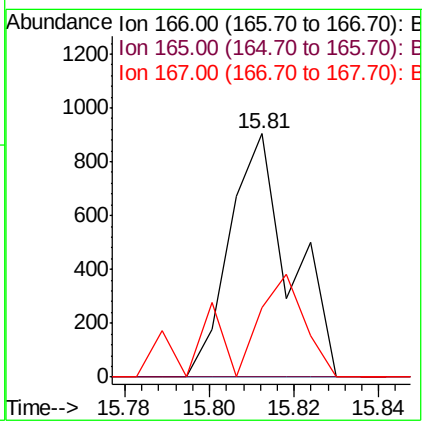


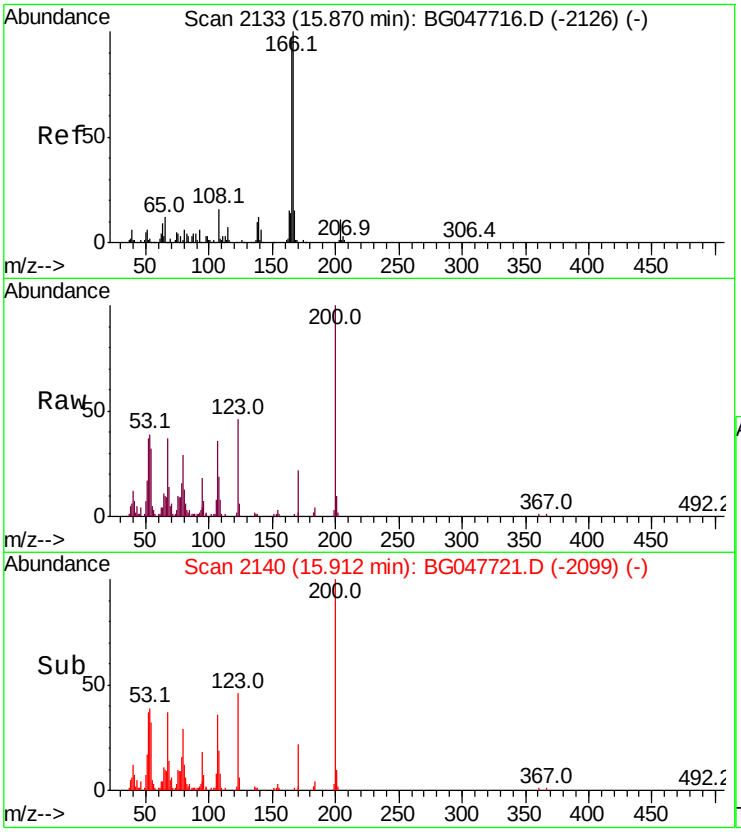


#61
Fluorene
Concen: 0.117 ng/ul
RT: 15.81 min Scan# 2123
Delta R.T. -0.06 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Tgt Ion:166 Resp: 897

Ion	Ratio	Lower	Upper
166	100		
165	0.0	75.4	113.2#
167	28.5	12.3	18.5#



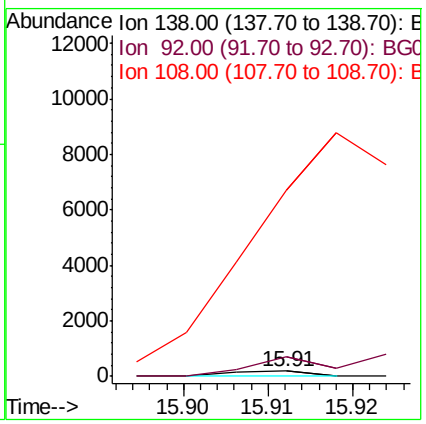


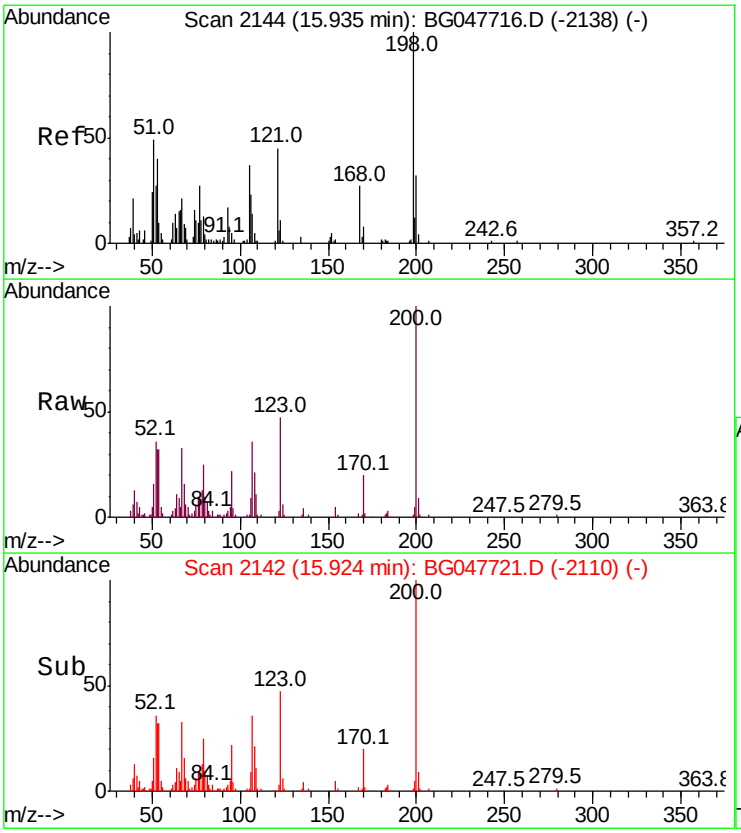
#63
4-Nitroaniline
Concen: 0.101 ng/ul
RT: 15.91 min Scan# 2140
Delta R.T. 0.04 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Instrument :
BNA_G
ClientSampleId :
SBLK342

Tgt Ion:138 Resp: 119

Ion	Ratio	Lower	Upper
138	100		
92	372.4	31.9	47.9#
108	3634.6	109.1	163.7#

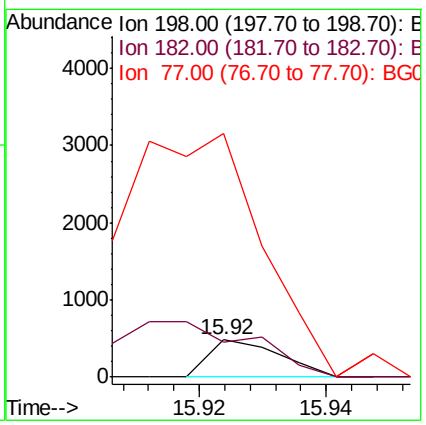


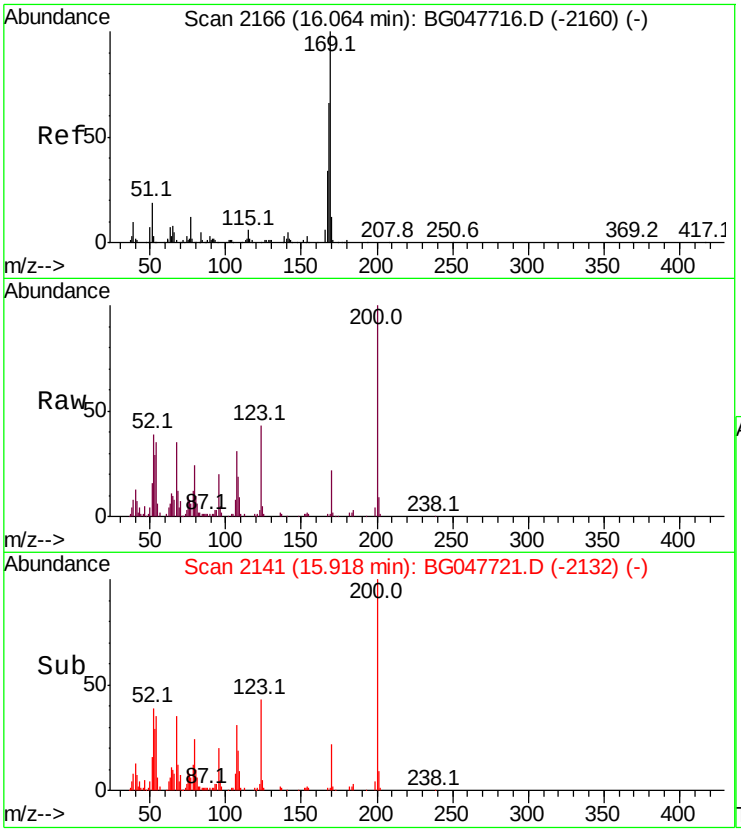


#66
4,6-Dinitro-2-methylphenol
Concen: 0.224 ng/ul
RT: 15.92 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Tgt Ion:198 Resp: 373

Ion	Ratio	Lower	Upper
198	100		
182	94.0	2.9	4.3#
77	653.4	26.1	39.1#



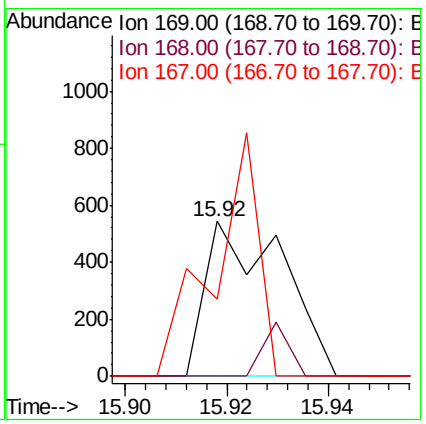


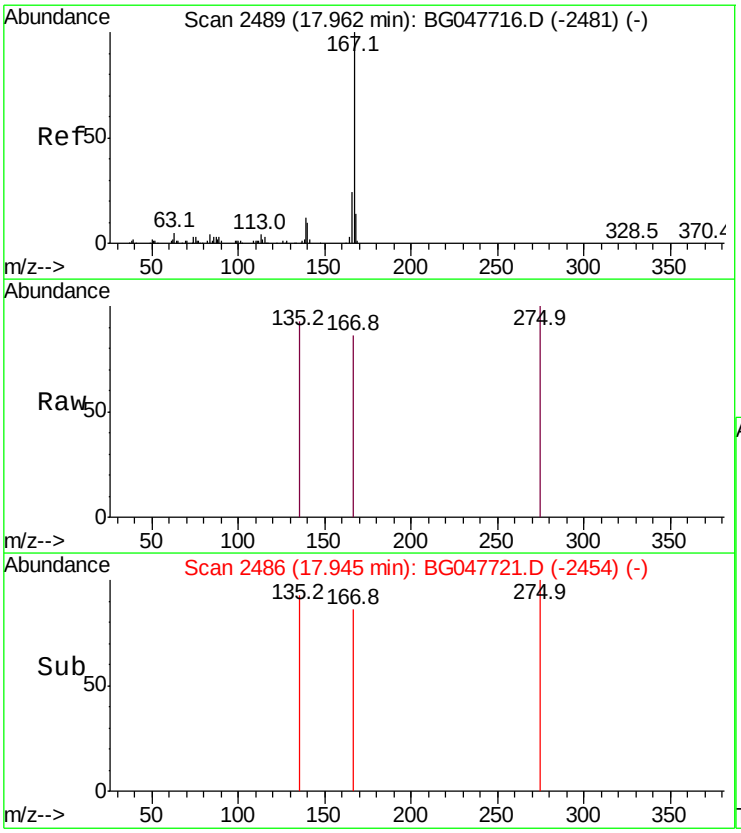
#67
N-Nitrosodiphenylamine
Concen: 0.086 ng/ul
RT: 15.92 min Scan# 2141
Delta R.T. -0.15 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Instrument :
BNA_G
ClientSampleId :
SBLK342

Tgt Ion:169 Resp: 577

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.8	80.8#
167	49.4	29.8	44.8#

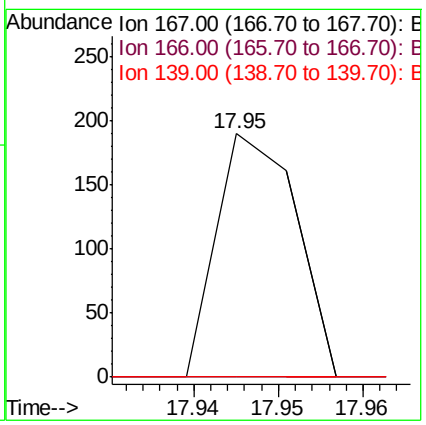


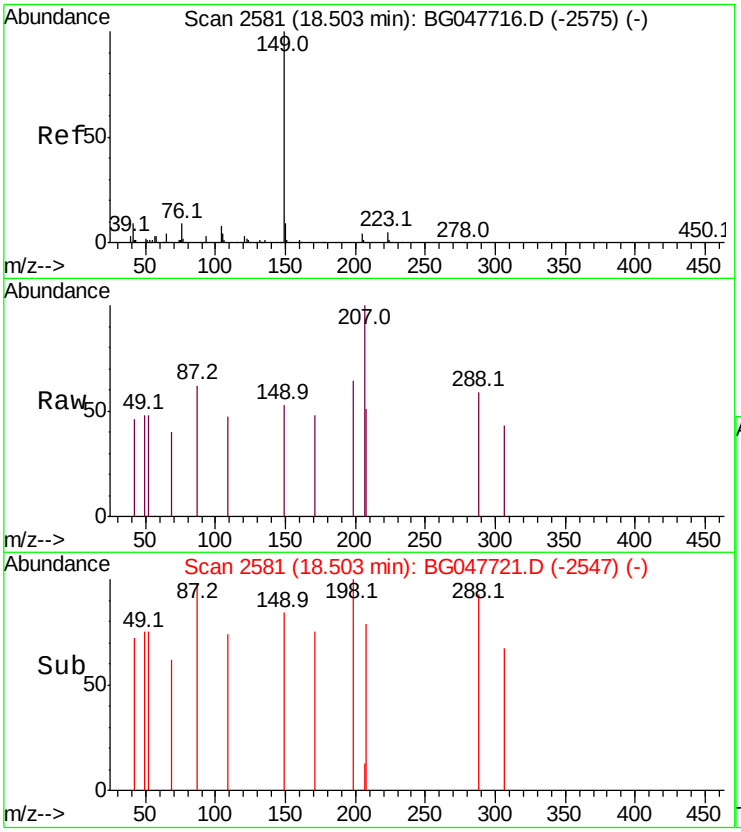


#77
Carbazole
Concen: 0.012 ng/ul
RT: 17.95 min Scan# 2486
Delta R.T. -0.01 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Tgt Ion:167 Resp: 124

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.6	26.4#
139	0.0	10.2	15.2#



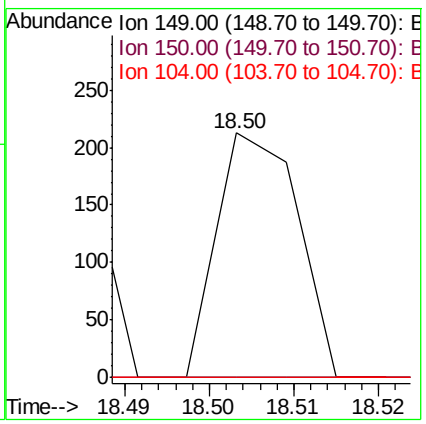


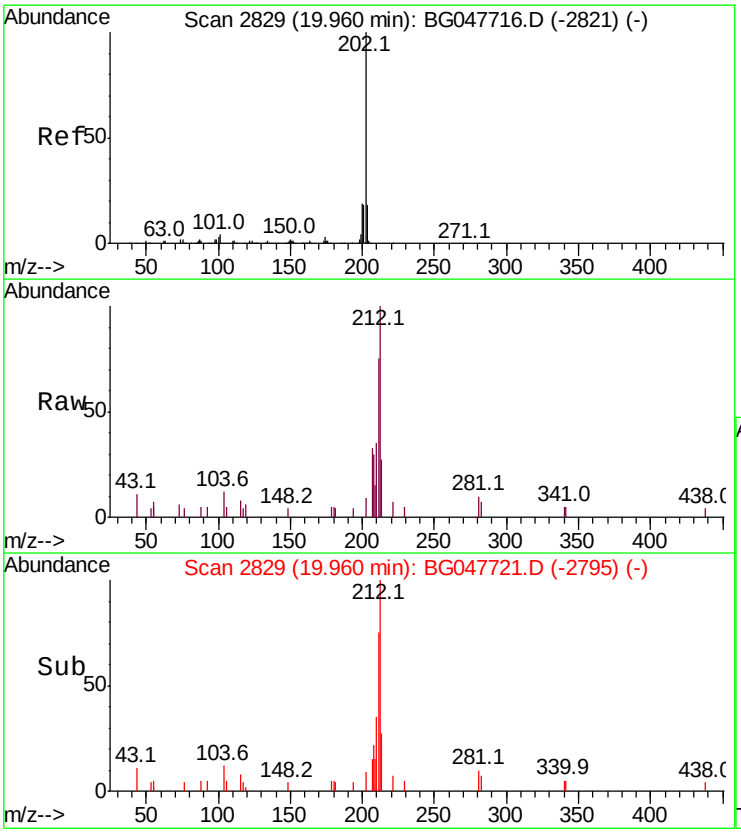
#78
Di-n-butylphthalate
Concen: 0.011 ng/ul
RT: 18.50 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Instrument :
BNA_G
ClientSampleId :
SBLK342

Tgt Ion:149 Resp: 141

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.3	10.9#
104	0.0	7.0	10.6#

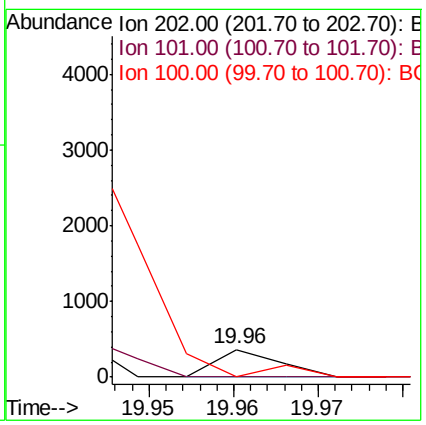


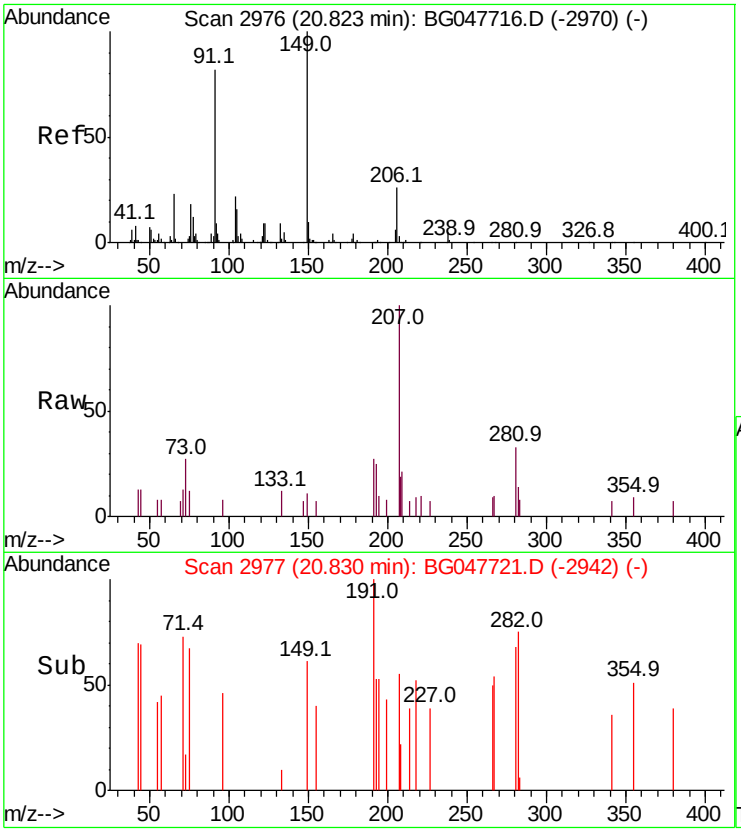


#82
Pyrene
Concen: 0.011 ng/ul
RT: 19.96 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Tgt Ion:202 Resp: 192

Ion	Ratio	Lower	Upper
202	100		
101	0.0	3.8	5.6#
100	0.0	3.0	4.6#



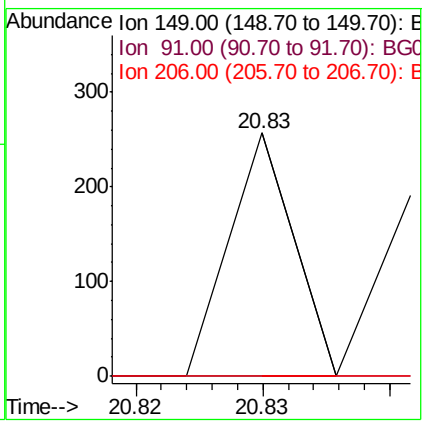


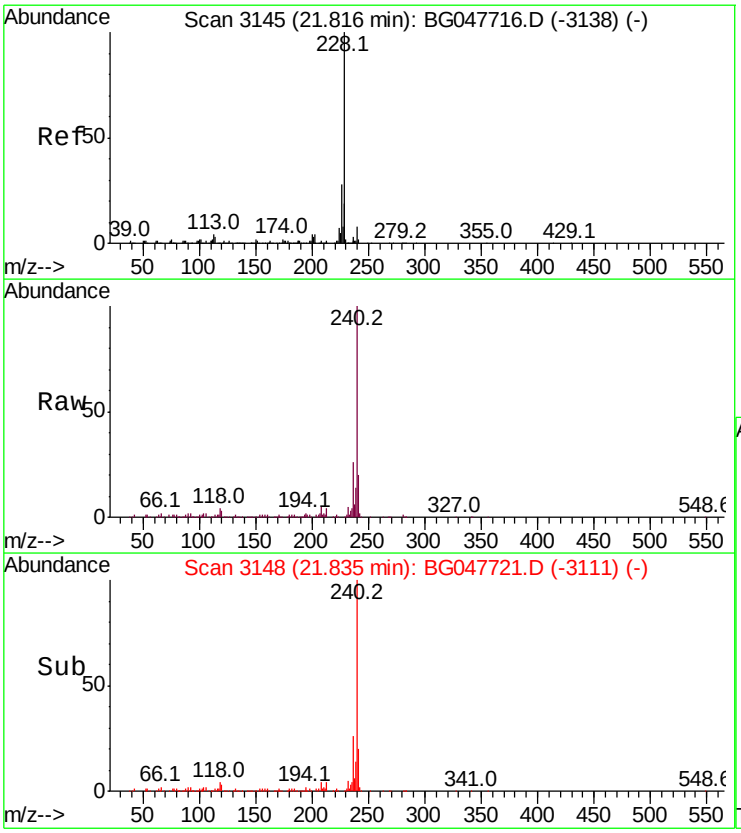
#83
Butylbenzylphthalate
Concen: 0.015 ng/ul
RT: 20.83 min Scan# 2977
Delta R.T. 0.00 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Instrument :
BNA_G
ClientSampleId :
SBLK342

Tgt Ion:149 Resp: 91

Ion	Ratio	Lower	Upper
149	100		
91	0.0	64.6	97.0#
206	0.0	20.3	30.5#

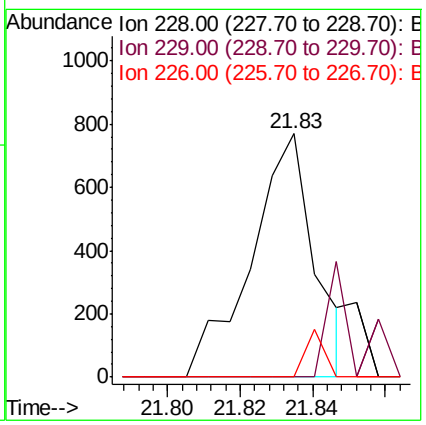


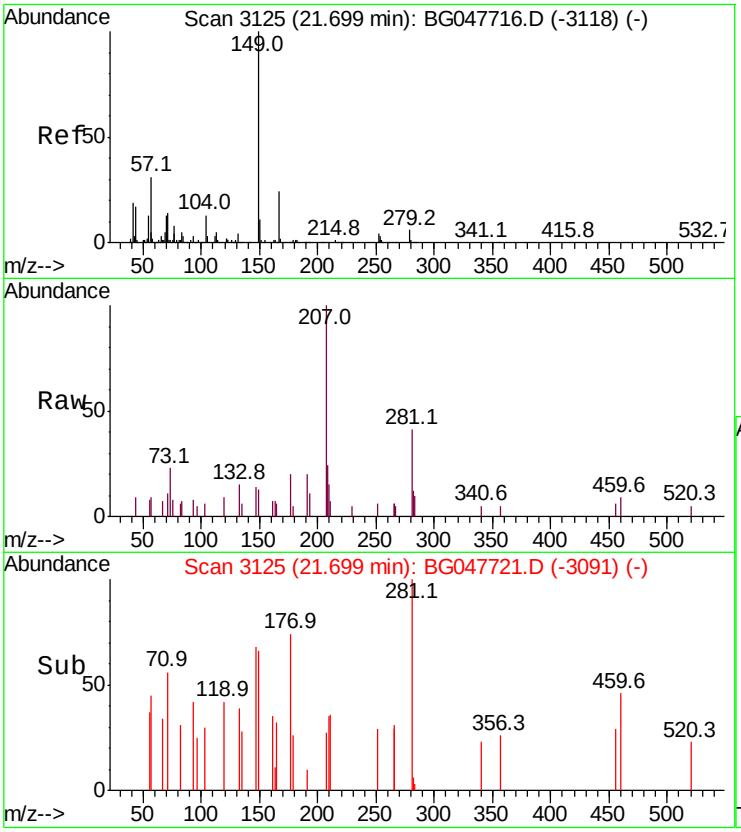


#85
Benzo(a)anthracene
Concen: 0.050 ng/ul
RT: 21.83 min Scan# 3148
Delta R.T. 0.02 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Tgt Ion:228 Resp: 932

Ion	Ratio	Lower	Upper
228	100		
229	0.0	16.2	24.4#
226	0.0	20.4	30.6#



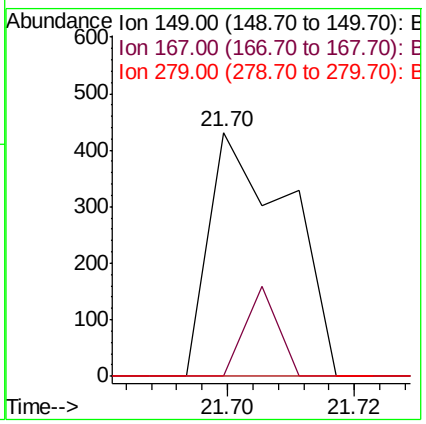


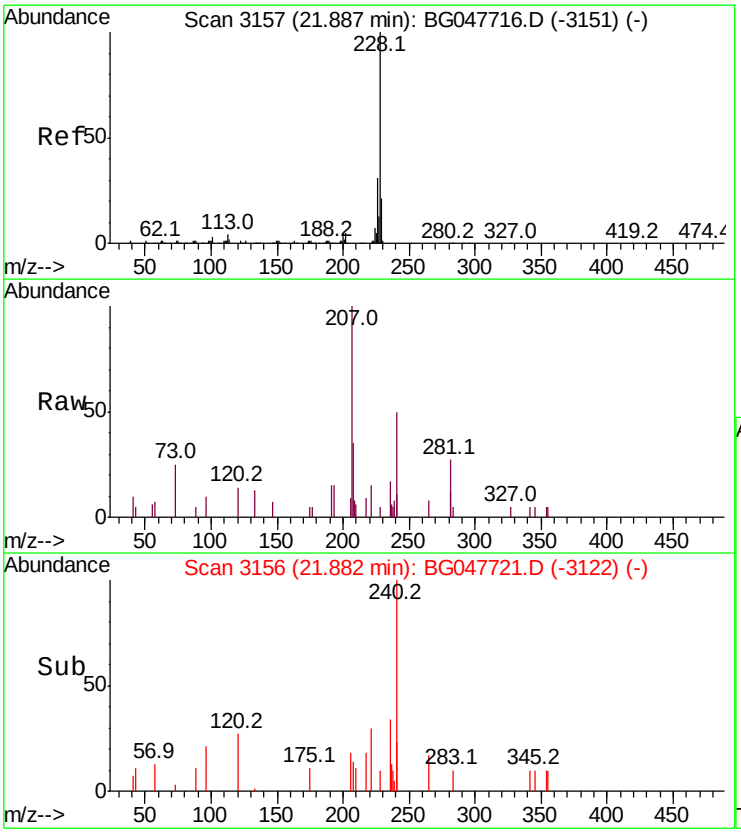
#86
Bis(2-ethylhexyl)phthalate
Concen: 0.043 ng/ul
RT: 21.70 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Instrument :
BNA_G
ClientSampleId :
SBLK342

Tgt Ion:149 Resp: 374

Ion	Ratio	Lower	Upper
149	100		
167	0.0	25.1	37.7#
279	0.0	5.2	7.8#

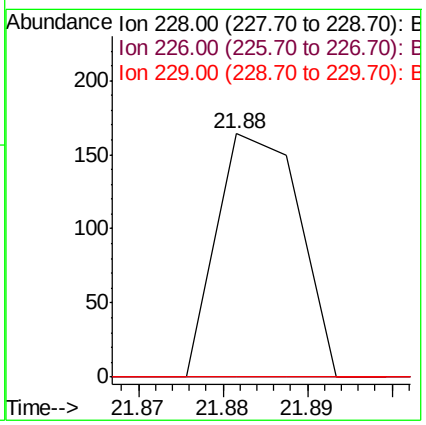


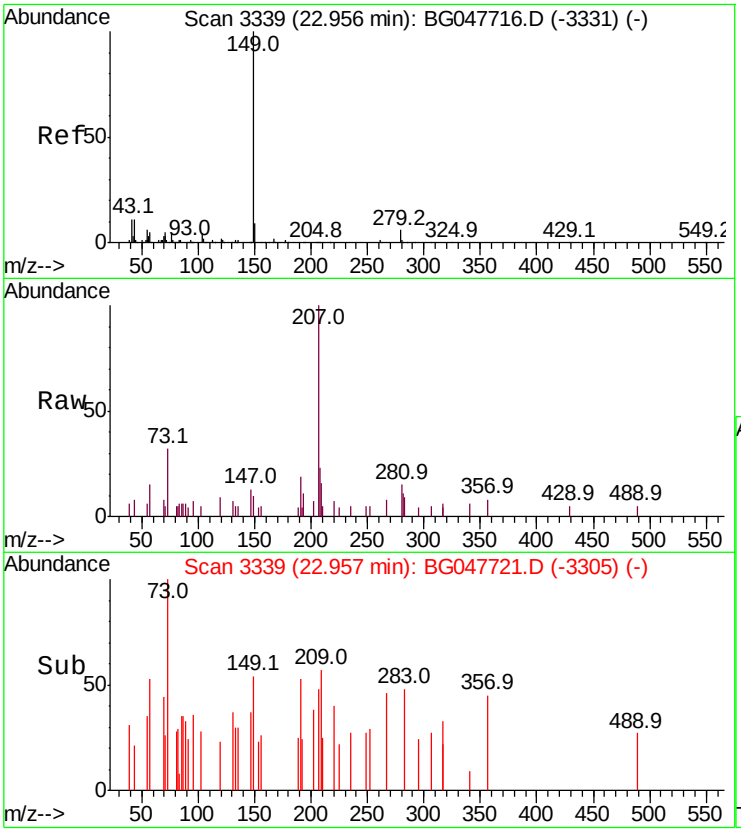


#87
Chrysene
Concen: 0.006 ng/ul
RT: 21.88 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Tgt Ion:228 Resp: 111

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	0.0	16.2	24.2#

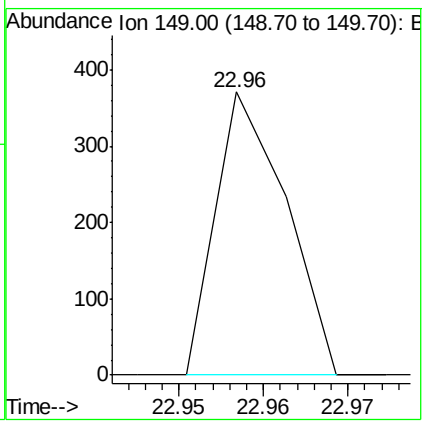


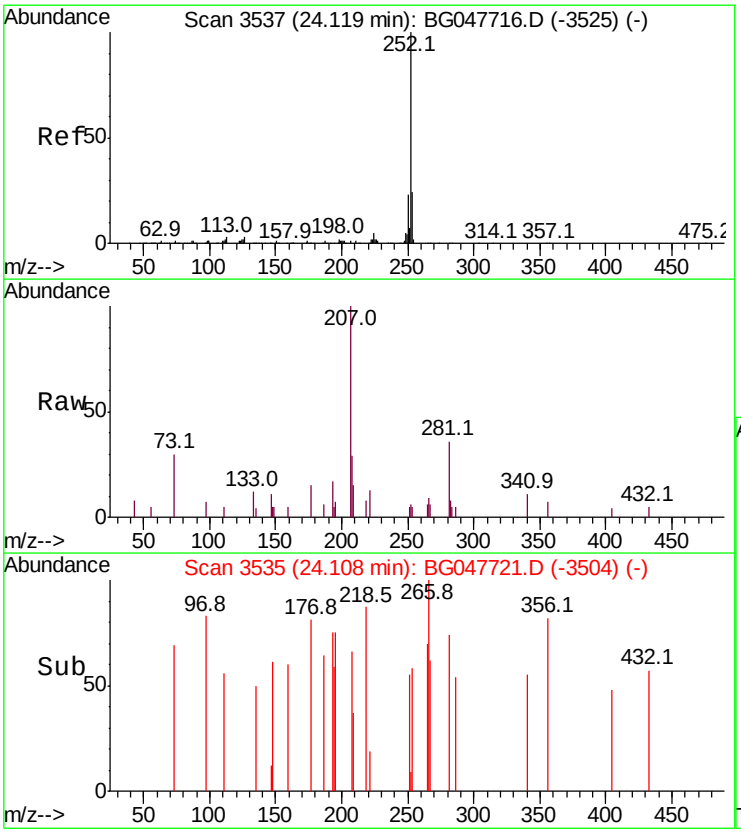


#89
Di-n-octyl phthalate
Concen: 0.015 ng/ul
RT: 22.96 min Scan# 3339
Delta R.T. -0.00 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Instrument :
BNA_G
ClientSampleId :
SBLK342

Tgt Ion:149 Resp: 213

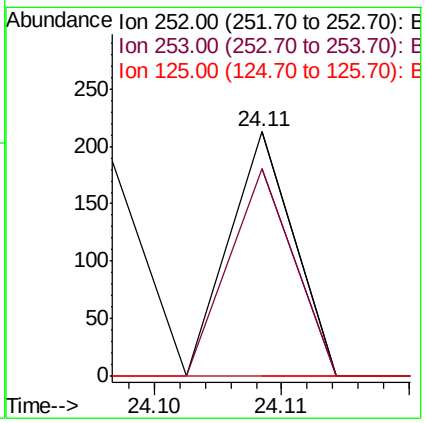


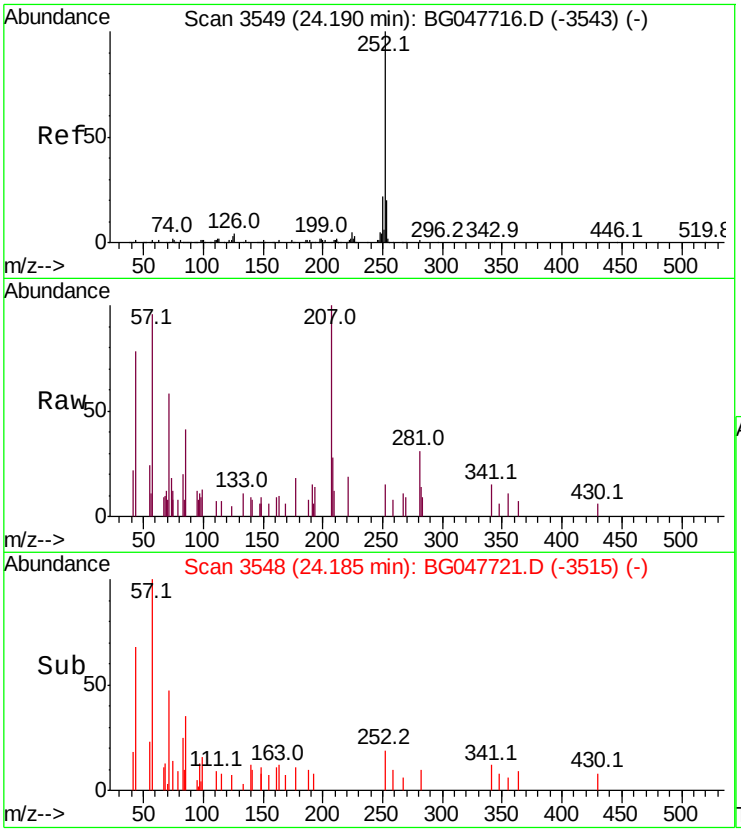


#90
Benzo(b)fluoranthene
Concen: 0.004 ng/ul
RT: 24.11 min Scan# 3535
Delta R.T. -0.02 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Tgt Ion:252 Resp: 75

Ion	Ratio	Lower	Upper
252	100		
253	85.0	16.6	24.8#
125	0.0	1.8	2.8#



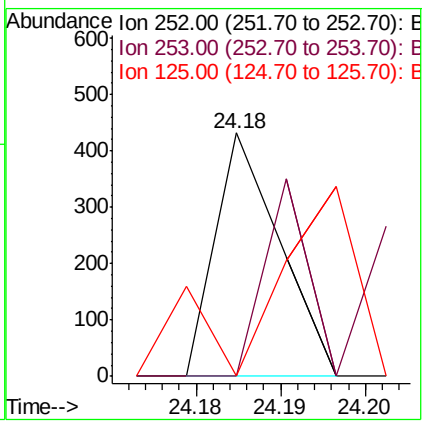


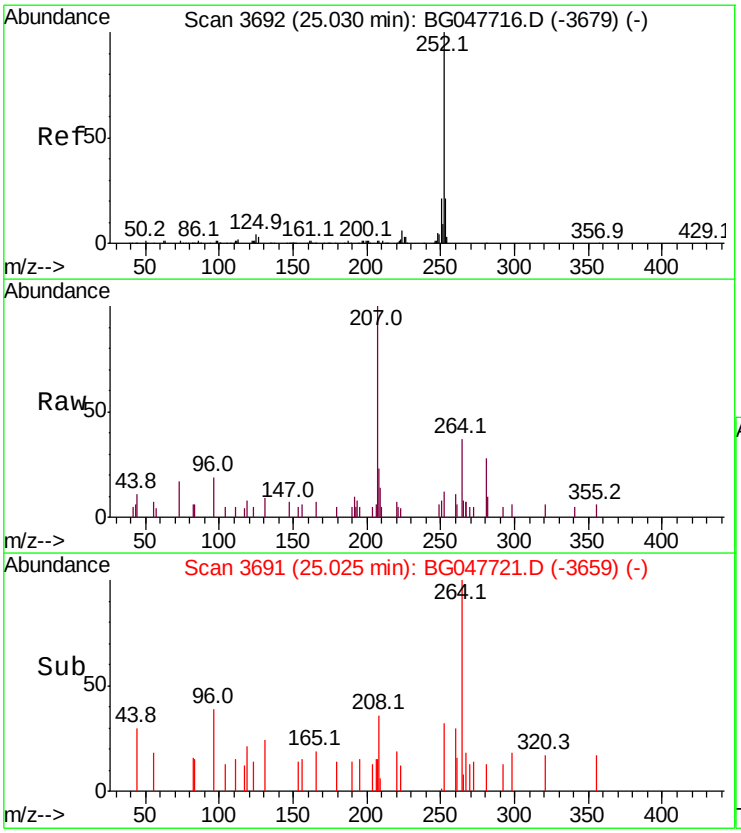
#91
Benzo(k)fluoranthene
Concen: 0.012 ng/ul
RT: 24.18 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Instrument :
BNA_G
ClientSampleId :
SBLK342

Tgt Ion:252 Resp: 227

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.0	25.4#
125	0.0	2.2	3.2#

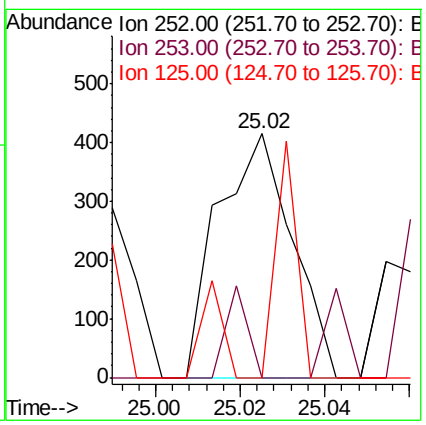


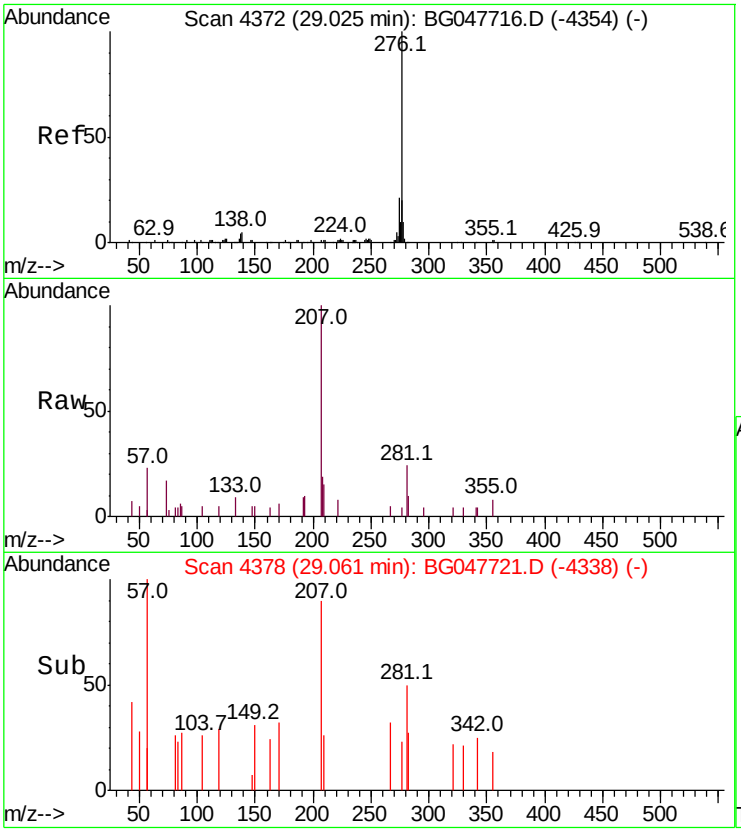


#93
Benzo(a)pyrene
Concen: 0.031 ng/ul
RT: 25.02 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Tgt Ion:252 Resp: 507

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.6	26.4#
125	0.0	2.6	4.0#





#94
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng/ul
RT: 29.06 min Scan# 4378
Delta R.T. 0.03 min
Lab File: BG047721.D
Acq: 11 Dec 2020 19:48

Instrument :
BNA_G
ClientSampleId :
SBLK342

Tgt Ion:276 Resp: 63

Ion	Ratio	Lower	Upper
276	100		
138	0.0	5.1	7.7#
277	0.0	18.4	27.6#