Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 02 17:52:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	29380	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.09	136	116959	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.87	164	96382	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.61	188	235290m	20.00	ng/ul	-0.01
78) Chrysene-d12	21.89	240	220763m	20.00	ng/ul	-0.01
86) Perylene-d12	25.29	264	233148	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.39	99	6695	2.27	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.57	67	3958	2.36	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.79	132	5158	2.61	ng/ul	-0.02
13) 4-Methylphenol-d8	8.95	113	4107	1.81	ng/ul	-0.02
19) Nitrobenzene-d5	9.43	128	2882m	2.98	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.17	143	3219m	3.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	6586	2.73	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.21	131	4325	1.77	ng/ul	-0.02
44) Dimethylphthalate-d6	14.27	166	22917	2.77	ng/ul	-0.02
47) Acenaphthylene-d8	14.57	160	27005	2.82	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.04	143	2155	1.71	ng/ul	-0.01
58) Fluorene-d10	15.86	176	22132	2.92	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.71	188	37561	3.22	ng/ul	-0.01
79) Pyrene-d10	19.97	212	41088m	3.20	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.06	264	43548	3.25	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	11.14	128	16390	2.474	ng/ul#	93
34) 2-Methylnaphthalene	12.73	142	7167	1.460	ng/ul#	64
50) Acenaphthene	14.94	153	15912	2.552	ng/ul	87
54) Dibenzofuran	15.27	168	11185	1.222	ng/ul#	74
59) Fluorene	15.92	166	18924	2.453	ng/ul#	89
70) Phenanthrene	17.65	178	305711m	24.060	ng/ul	
72) Anthracene	17.74	178	54354	4.248	ng/ul	96
75) Carbazole	18.00	167	34055	3.299	ng/ul	97
77) Fluoranthene	19.64	202	557688	34.754	ng/ul	99
80) Pyrene	20.01	202	480993m	30.758	ng/ul	
83) Benzo(a)anthracene	21.88	228	290318m	18.483	ng/ul	
85) Chrysene	21.94	228	251674	16.837	ng/ul	99
88) Benzo(b)fluoranthene	24.21	252	368686	22.397	ng/ul	97
89) Benzo(k)fluoranthene	24.28	252	136410m	8.409	ng/ul	
91) Benzo(a)pyrene	25.13	252	256190m	17.458	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.20	276	167740	9.397	ng/ul	99
93) Dibenzo(a,h)anthracene	29.24	278	50815m	3.472	ng/ul	
94) Benzo(g,h,i)perylene	30.41	276	144732	9.826	ng/ul#	95

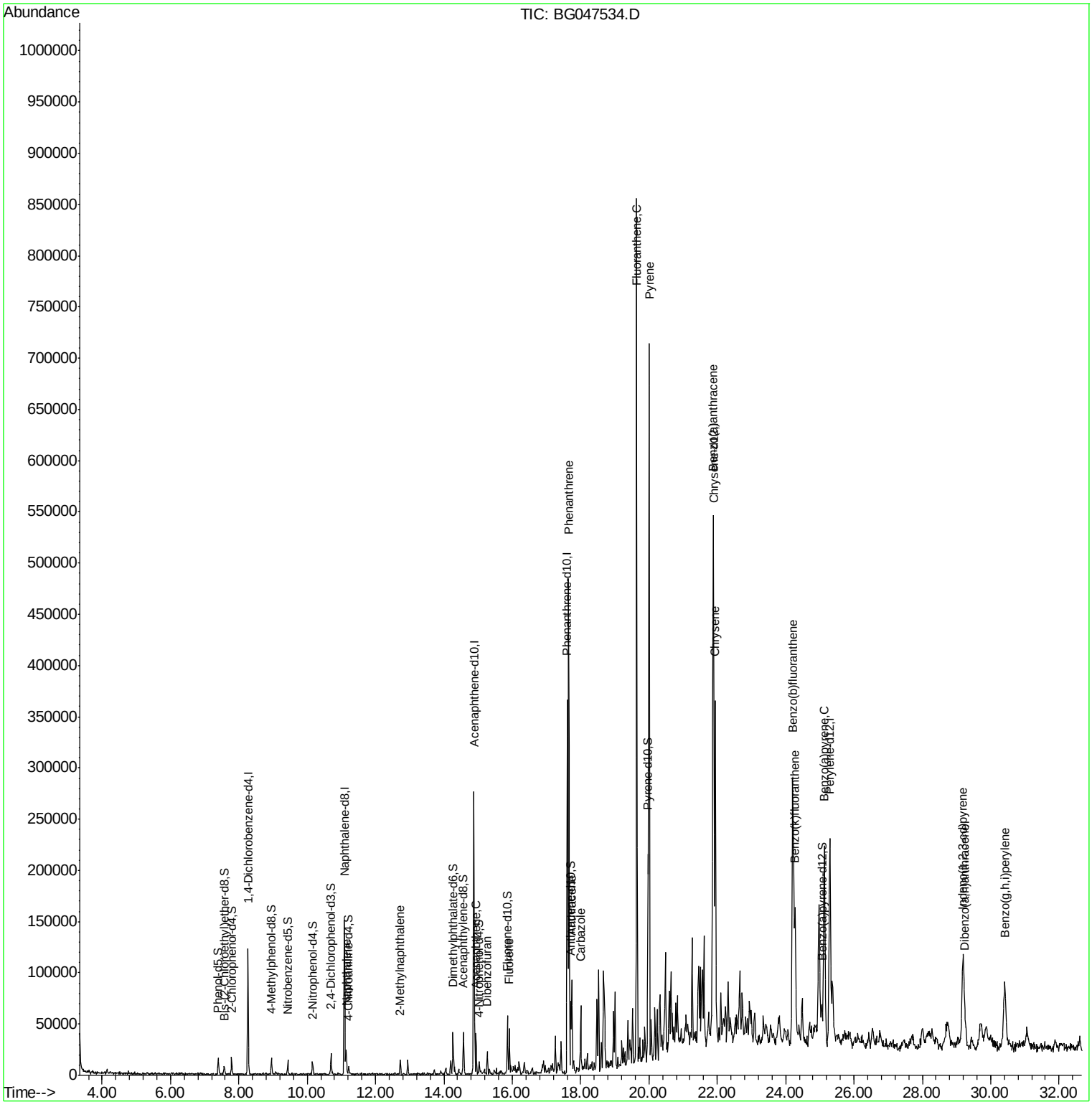
(#) = qualifier out of range (m) = manual integration (+) = signals summed

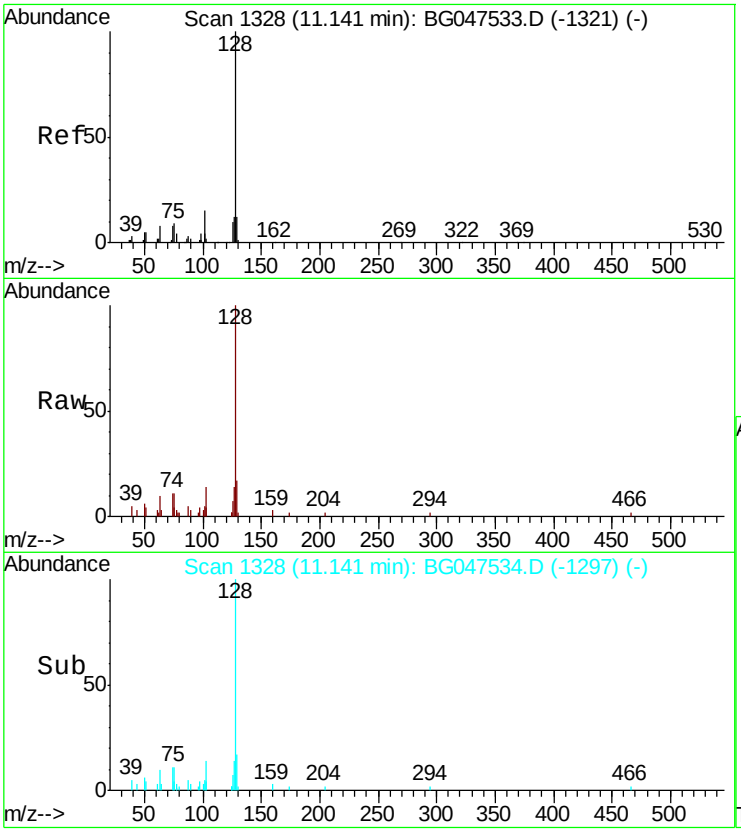
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 02 17:52:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



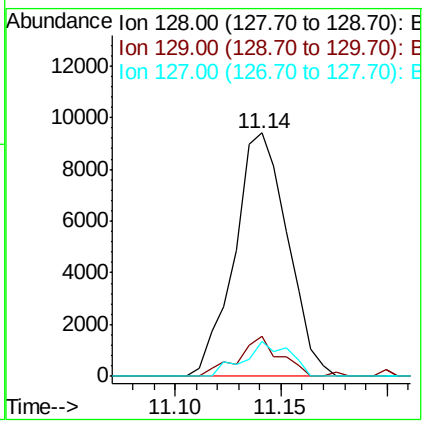


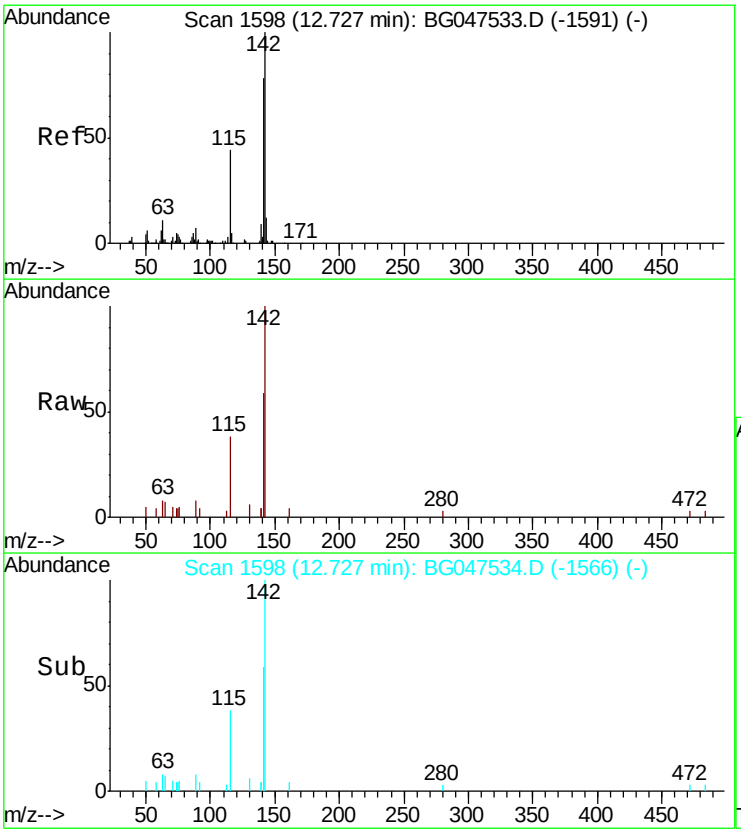
#28
Naphthalene
Concen: 2.474 ng/ul
RT: 11.14 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 16390

Ion	Ratio	Lower	Upper
128	100		
129	16.6	9.6	14.4#
127	14.4	10.6	16.0

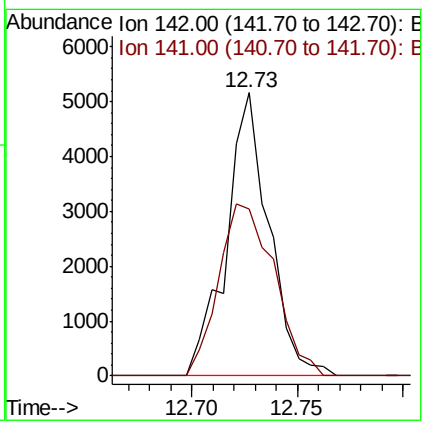


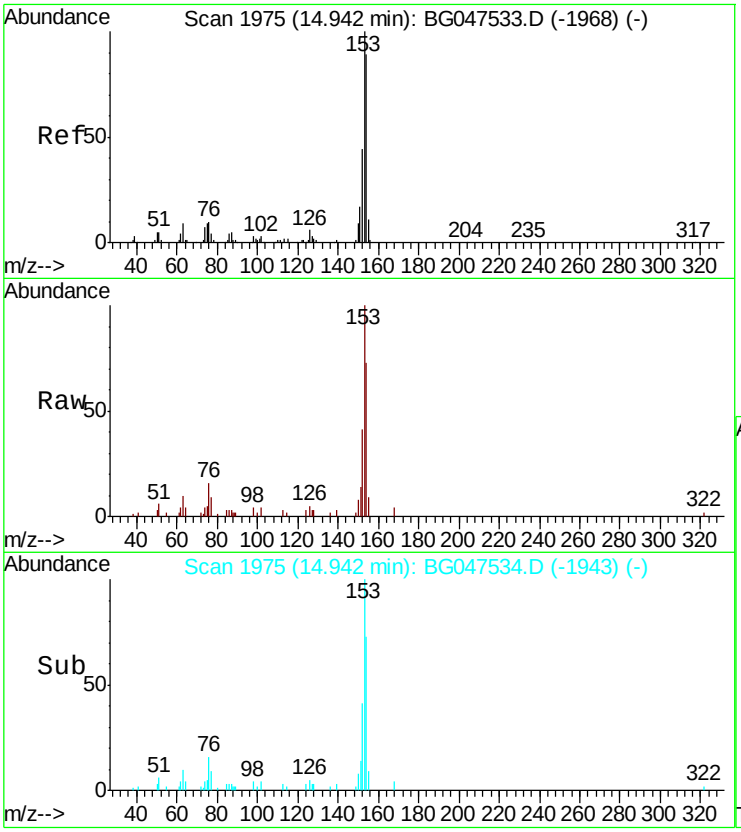


#34
2-Methylnaphthalene
Concen: 1.460 ng/ul
RT: 12.73 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Tgt Ion:142 Resp: 7167

Ion	Ratio	Lower	Upper
142	100		
141	59.0	74.8	112.2#



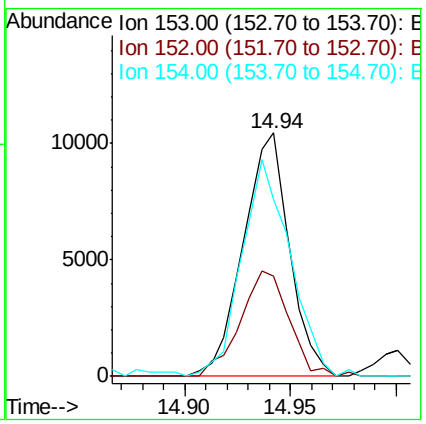


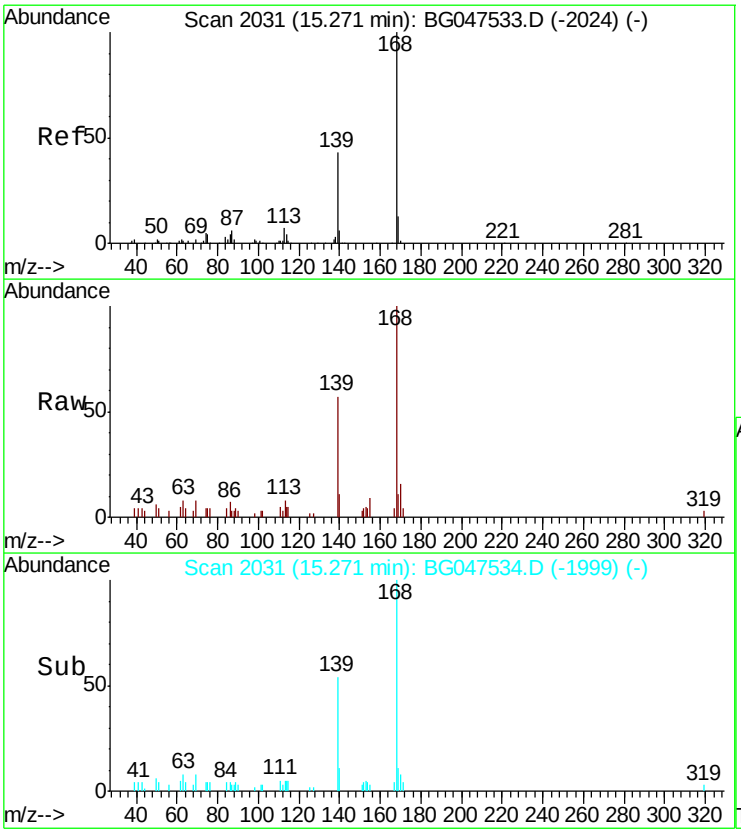
#50
Acenaphthene
Concen: 2.552 ng/ul
RT: 14.94 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 15912

Ion	Ratio	Lower	Upper
153	100		
152	41.4	36.9	55.3
154	72.7	69.7	104.5

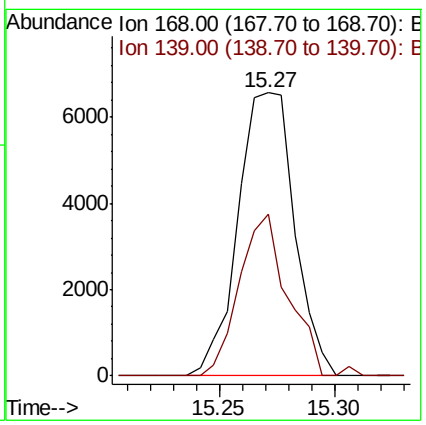


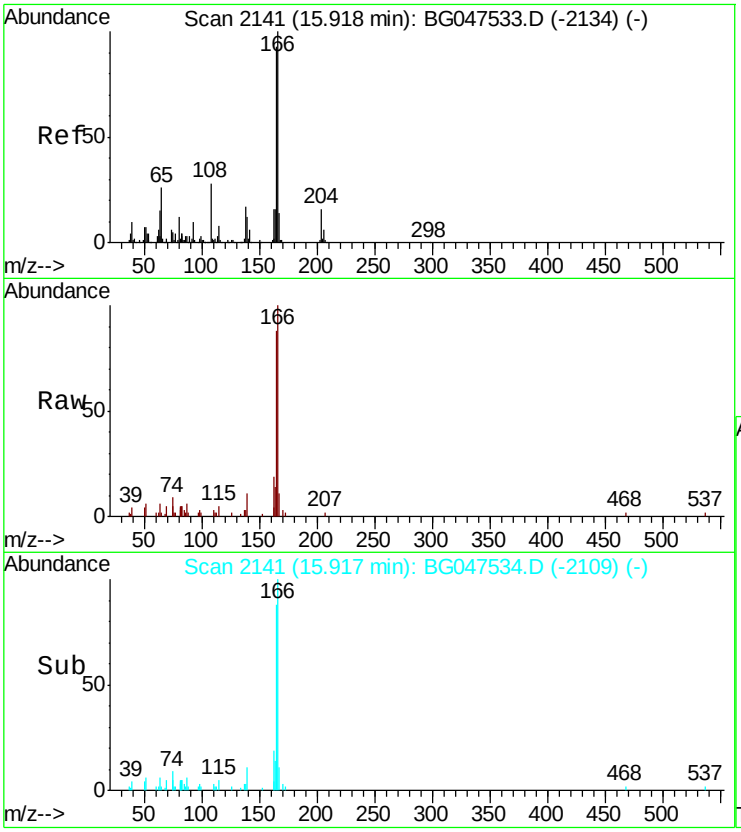


#54
Dibenzofuran
Concen: 1.222 ng/ul
RT: 15.27 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Tgt Ion:168 Resp: 11185

Ion	Ratio	Lower	Upper
168	100		
139	57.2	32.8	49.2#



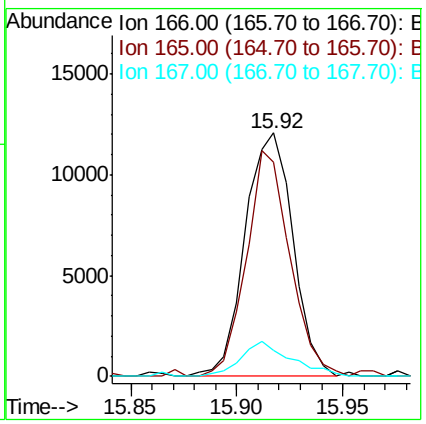


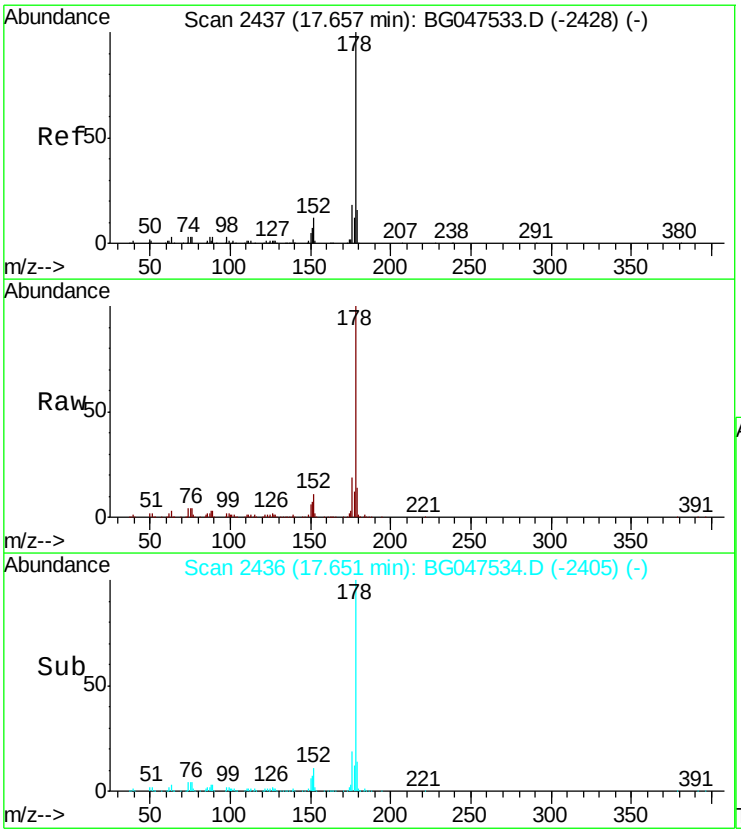
#59
Fluorene
Concen: 2.453 ng/ul
RT: 15.92 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 18924

Ion	Ratio	Lower	Upper
166	100		
165	88.0	79.8	119.6
167	10.6	10.8	16.2#

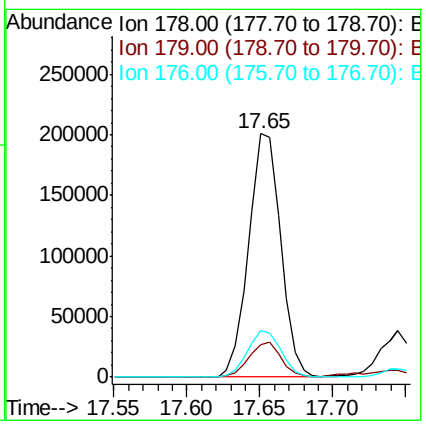


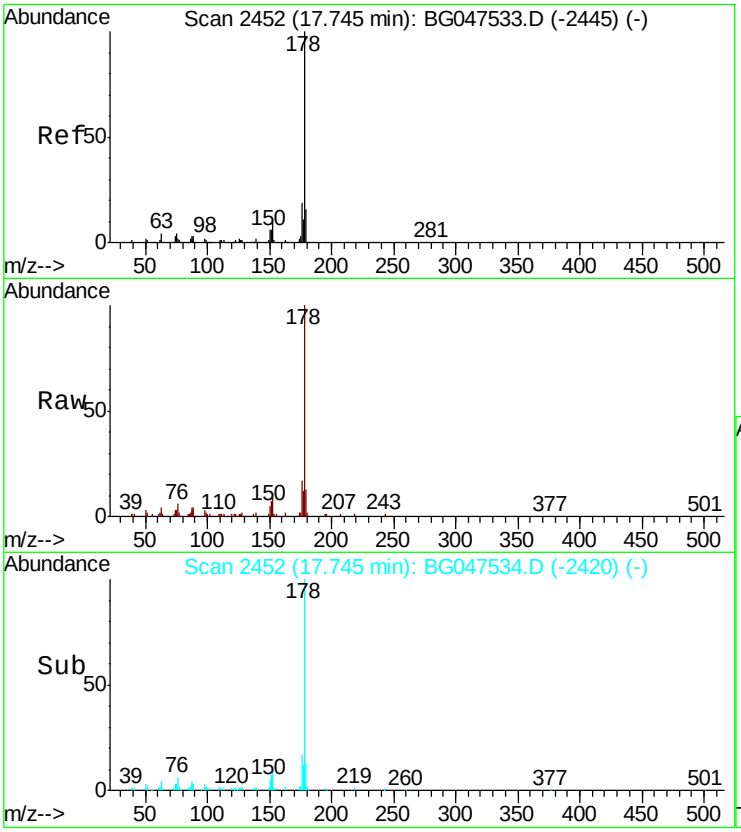


#70
Phenanthrene
Concen: 24.060 ng/ul m
RT: 17.65 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Tgt Ion:178 Resp: 305711

Ion	Ratio	Lower	Upper
178	100		
179	13.6	11.8	17.6
176	18.9	13.9	20.9



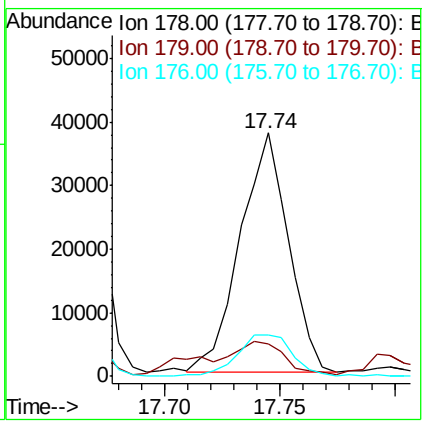


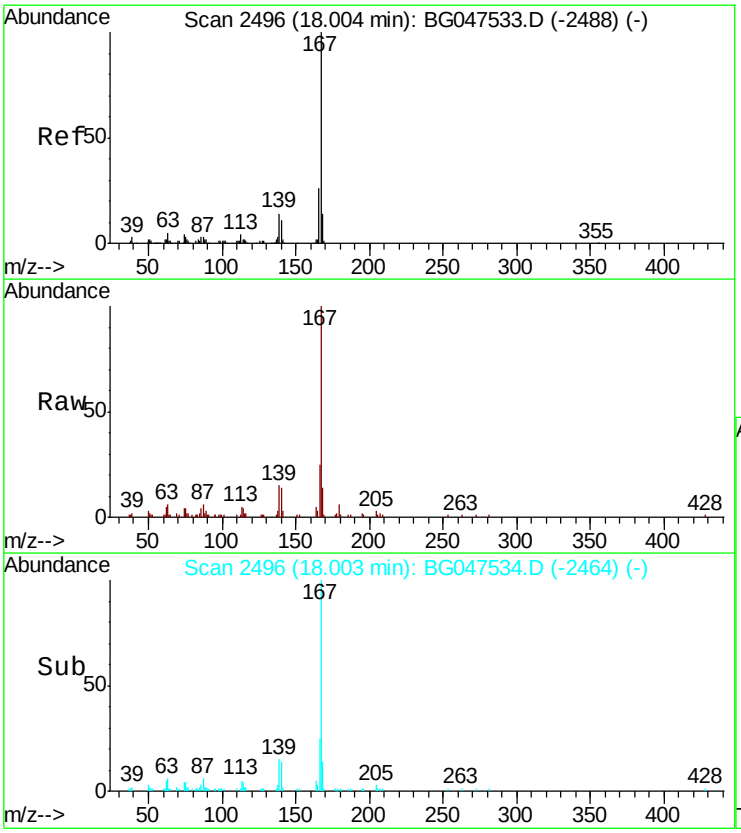
#72
Anthracene
Concen: 4.248 ng/ul
RT: 17.74 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 54354

Ion	Ratio	Lower	Upper
178	100		
179	13.5	11.7	17.5
176	17.1	15.4	23.0

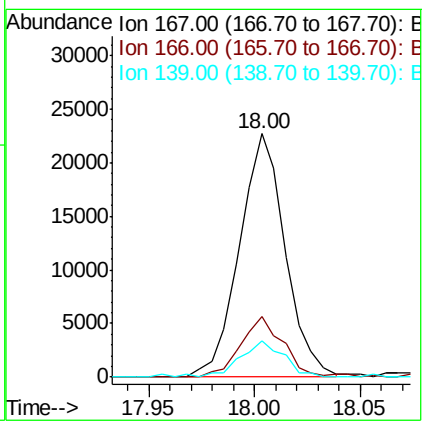


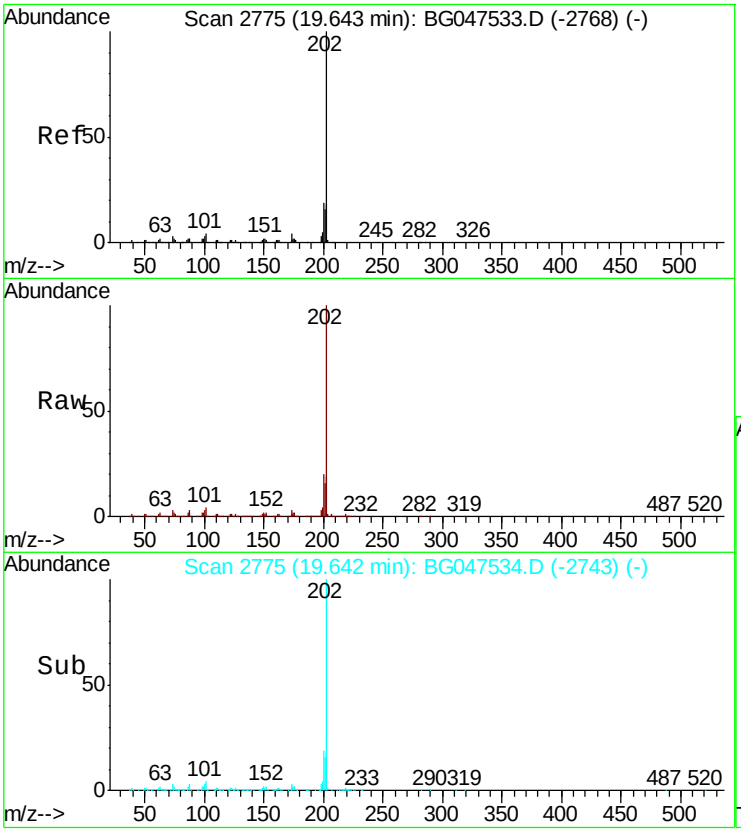


#75
Carbazole
Concen: 3.299 ng/ul
RT: 18.00 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Tgt Ion:167 Resp: 34055

Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.2	28.8
139	14.7	10.0	15.0



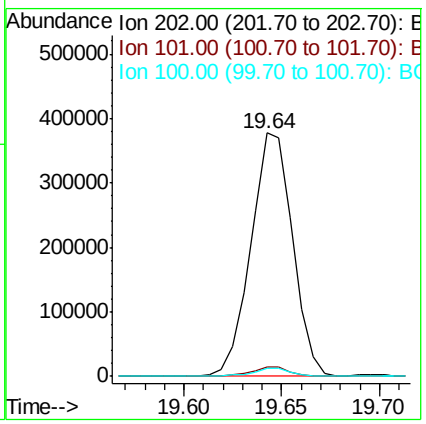


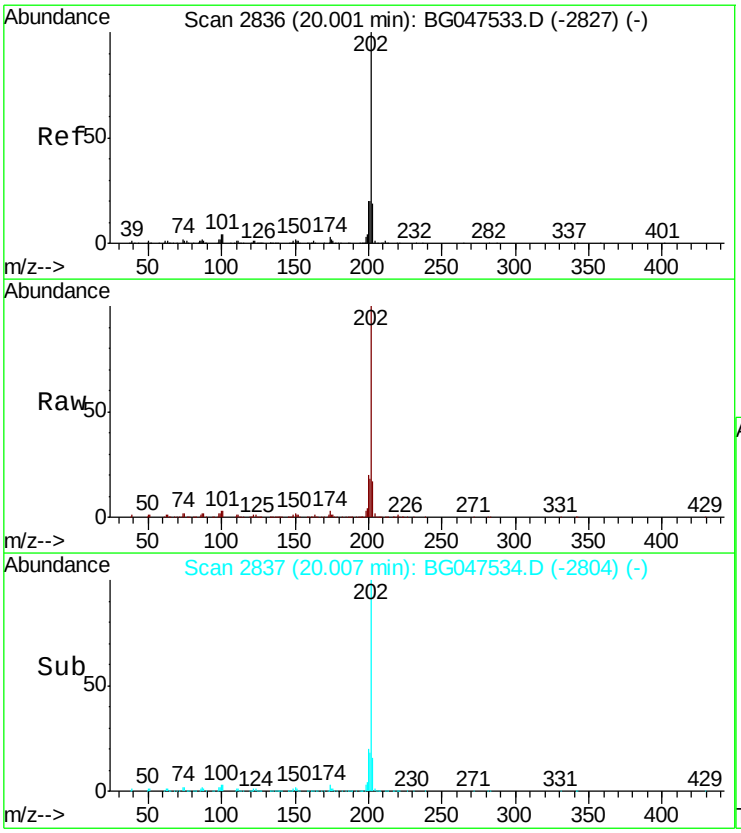
#77
Fluoranthene
Concen: 34.754 ng/ul
RT: 19.64 min Scan# 2775
Delta R.T. -0.01 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 557688

Ion	Ratio	Lower	Upper
202	100		
101	3.9	3.0	4.6
100	3.1	3.0	4.6

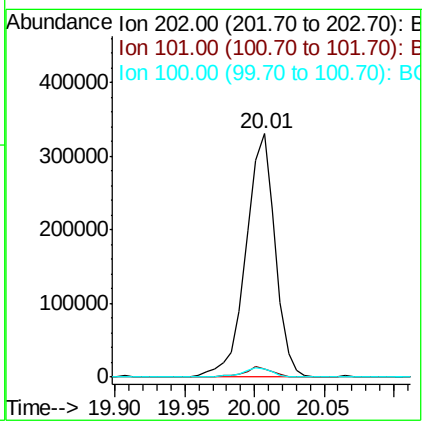


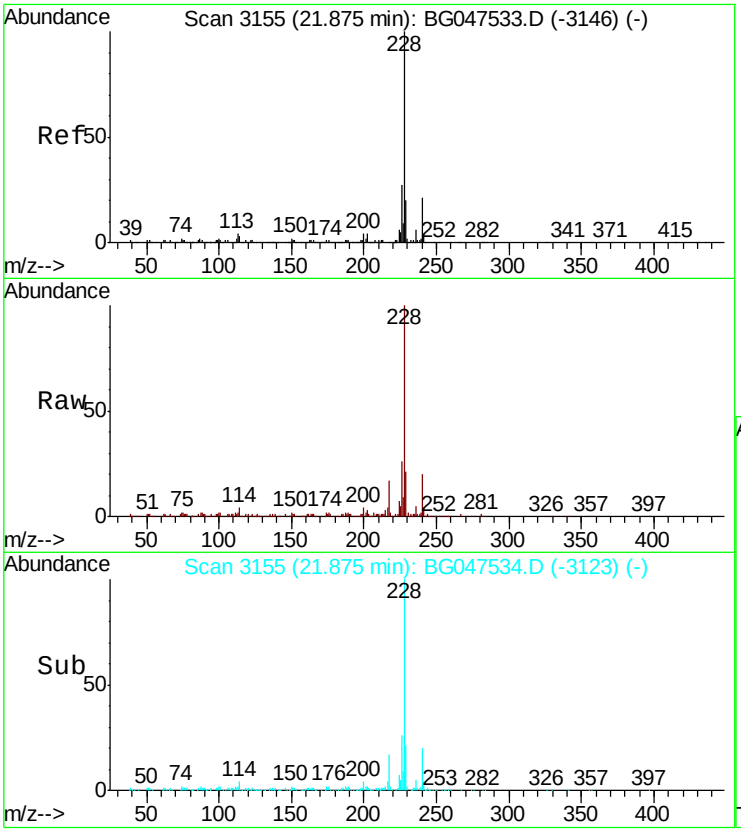


#80
Pyrene
Concen: 30.758 ng/ul m
RT: 20.01 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Tgt Ion:202 Resp: 480993

Ion	Ratio	Lower	Upper
202	100		
101	3.5	3.5	5.3#
100	3.4	3.4	5.0#



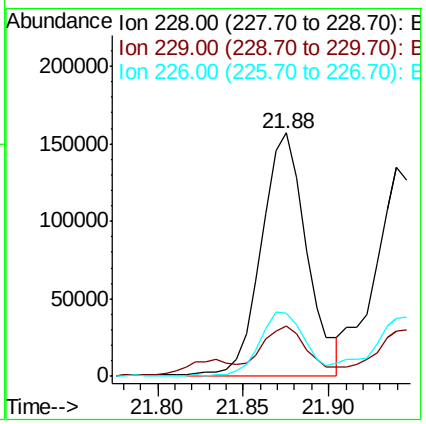


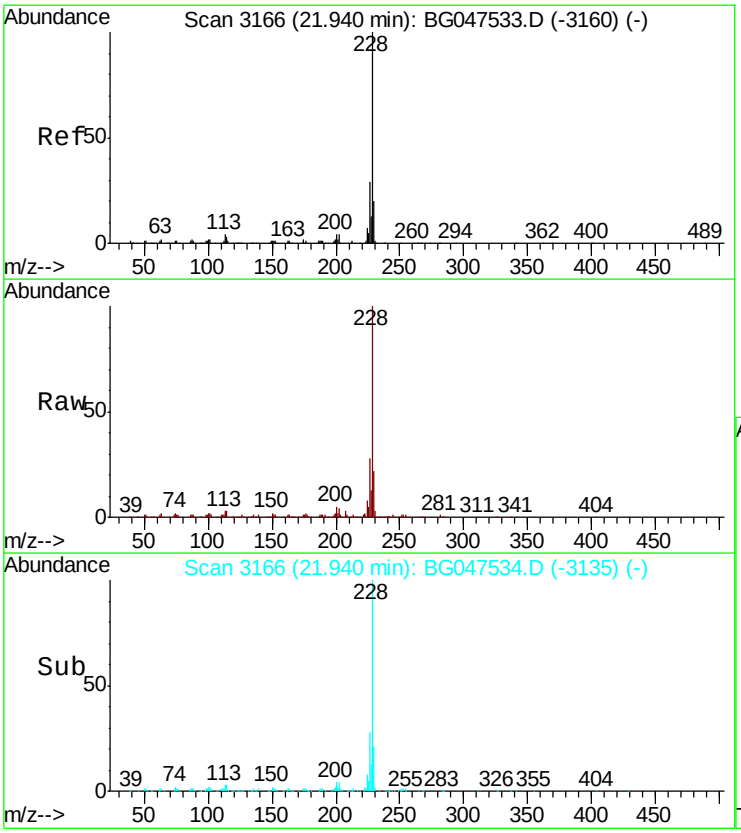
#83
Benzo(a)anthracene
Concen: 18.483 ng/ul m
RT: 21.88 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 290318

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	25.8	21.7	32.5

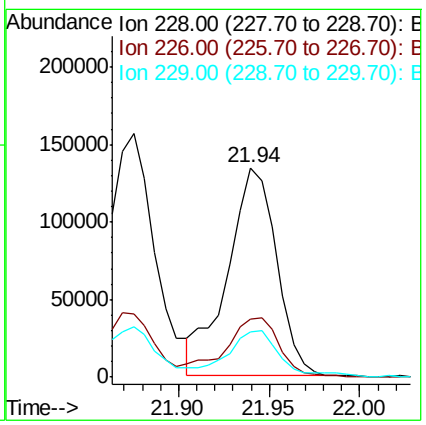


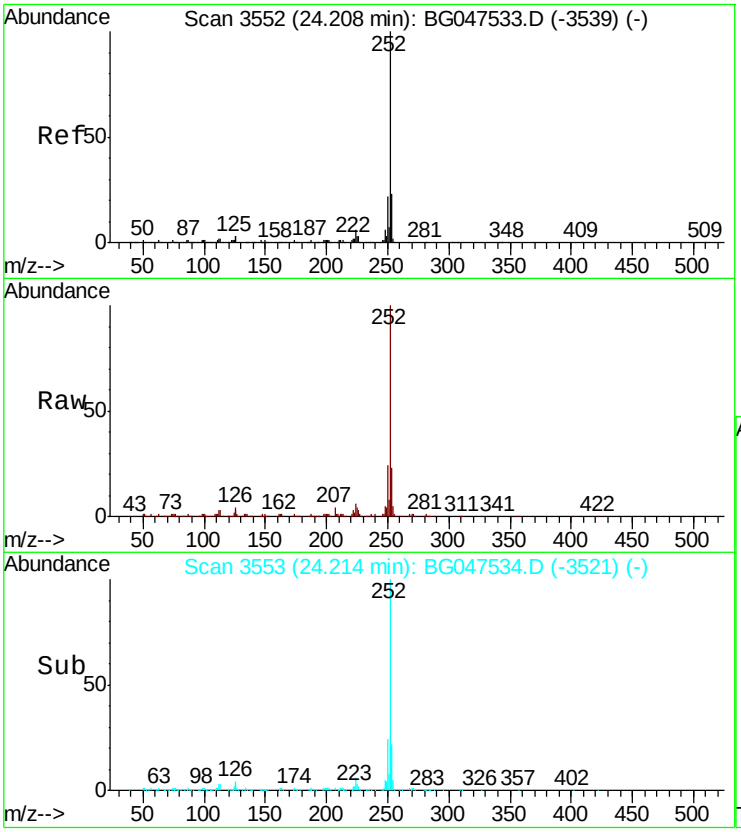


#85
Chrysene
Concen: 16.837 ng/ul
RT: 21.94 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Tgt Ion:228 Resp: 251674

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	21.6	16.5	24.7



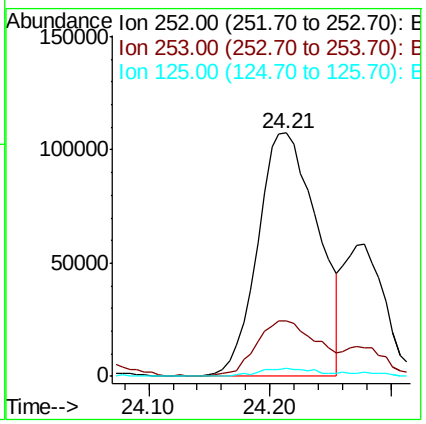


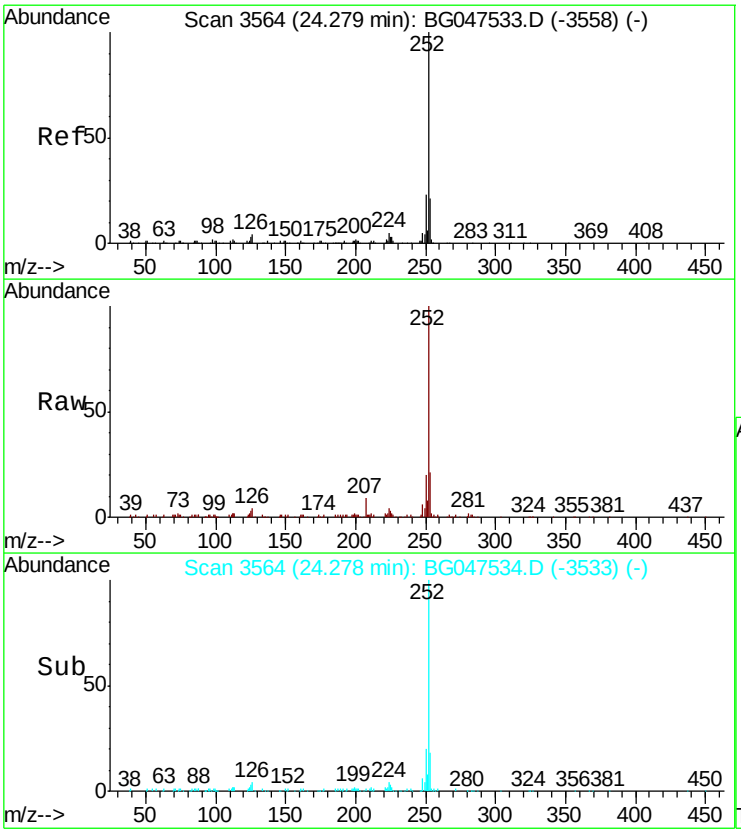
#88
Benzo(b)fluoranthene
Concen: 22.397 ng/ul
RT: 24.21 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 368686

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.6	25.0
125	3.3	2.7	4.1

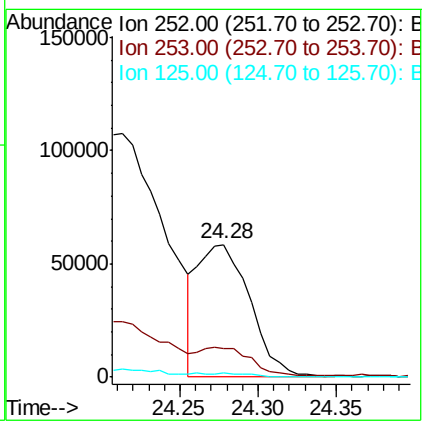


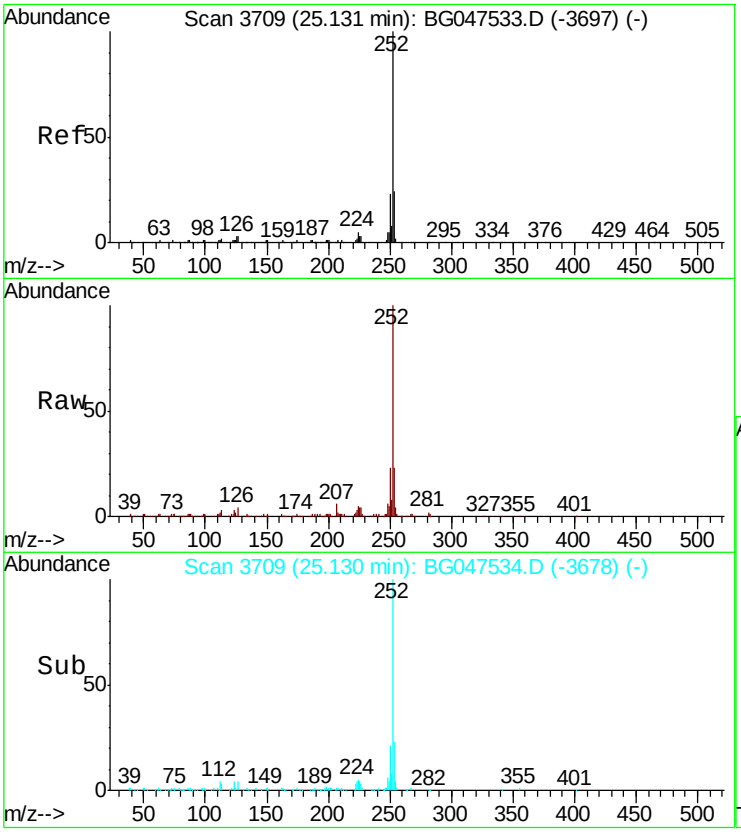


#89
Benzo(k)fluoranthene
Concen: 8.409 ng/ul m
RT: 24.28 min Scan# 3564
Delta R.T. -0.02 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Tgt Ion:252 Resp: 136410

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	3.3	2.2	3.2#



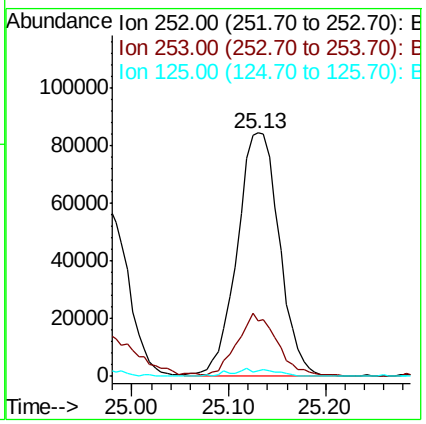


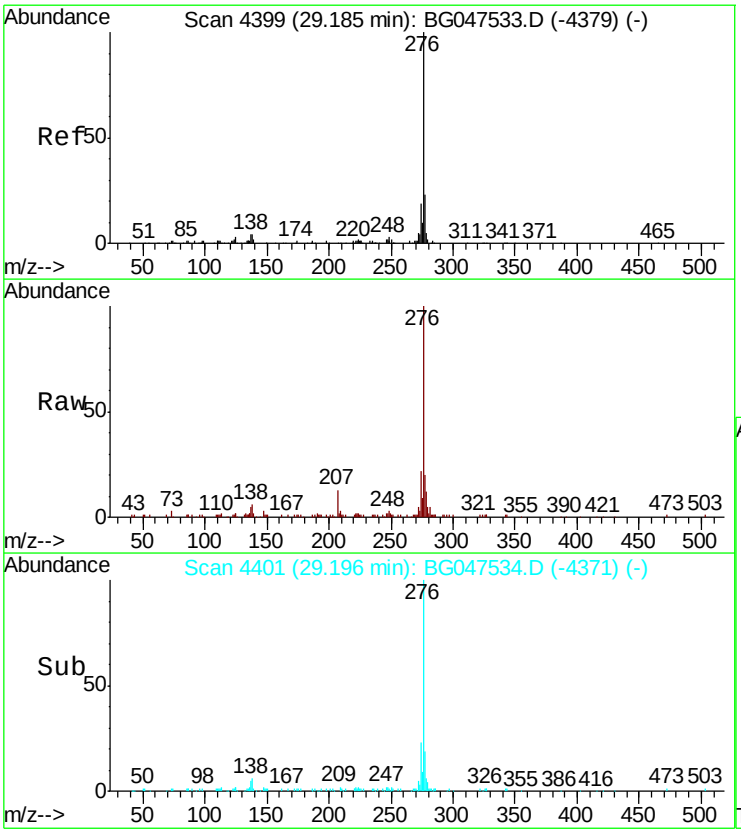
#91
Benzo(a)pyrene
Concen: 17.458 ng/ul m
RT: 25.13 min Scan# 3709
Delta R.T. -0.02 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 256190

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	27.8
125	2.1	3.1	4.7#

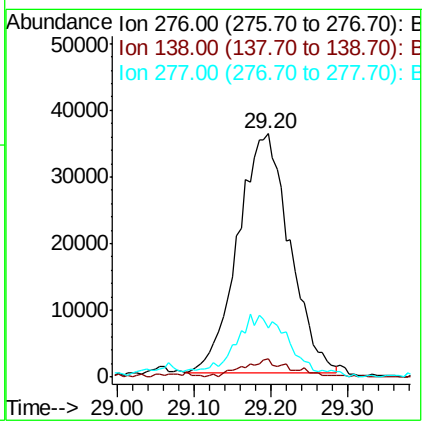


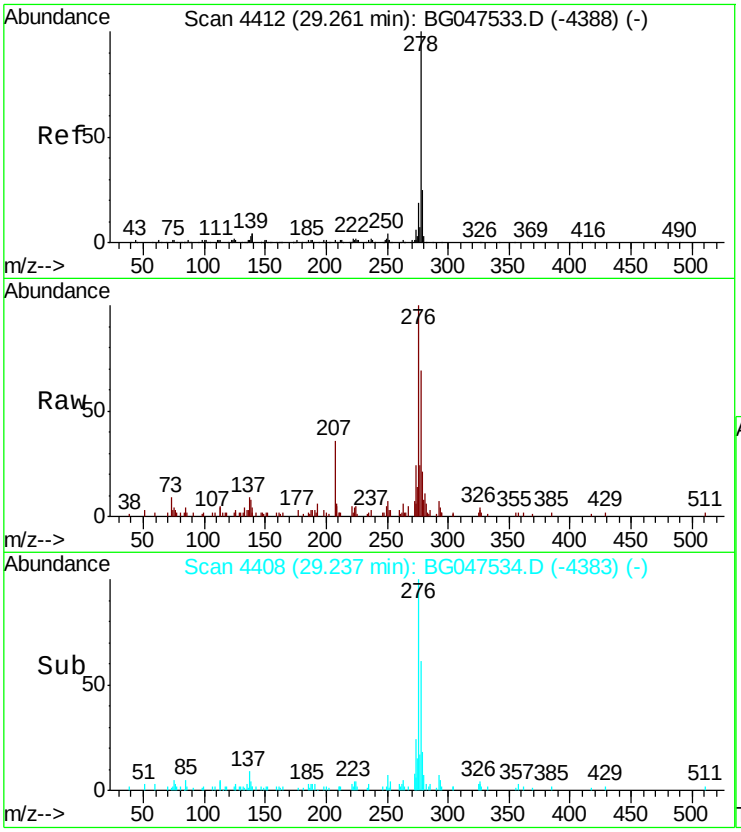


#92
Indeno(1,2,3-cd)pyrene
Concen: 9.397 ng/ul
RT: 29.20 min Scan# 4401
Delta R.T. -0.02 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Tgt Ion:276 Resp: 167740

Ion	Ratio	Lower	Upper
276	100		
138	7.6	5.0	7.6
277	20.3	16.5	24.7



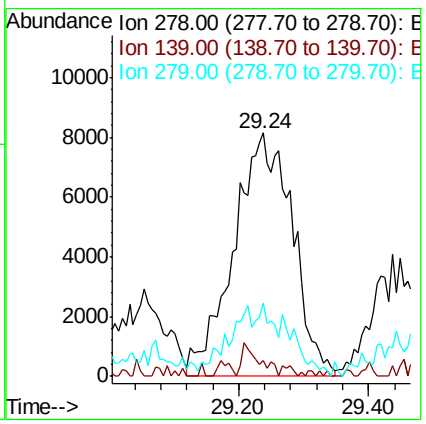


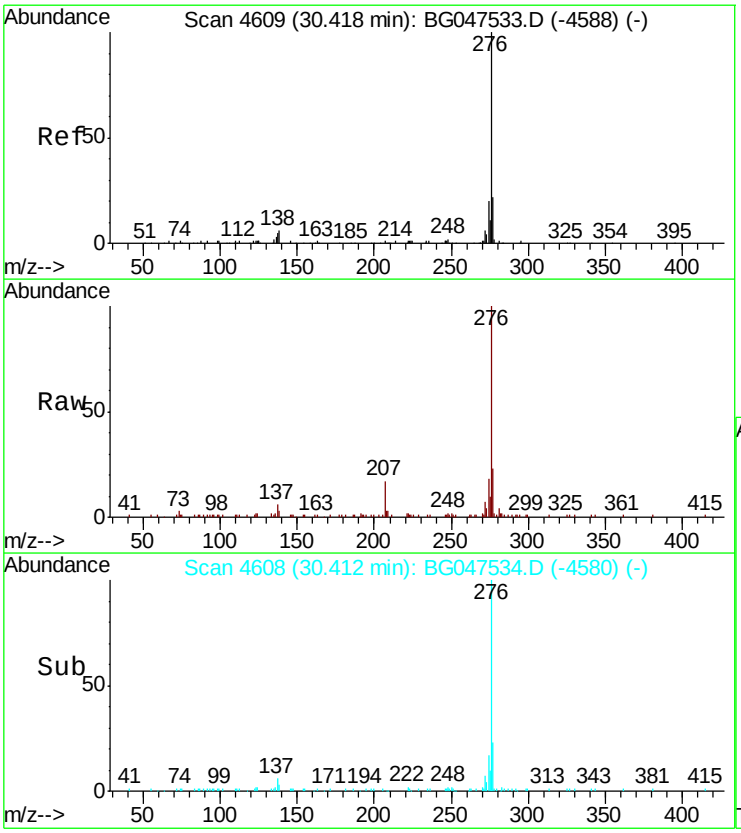
#93
Dibenzo(a,h)anthracene
Concen: 3.472 ng/ul m
RT: 29.24 min Scan# 4408
Delta R.T. -0.05 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 50815

Ion	Ratio	Lower	Upper
278	100		
139	6.4	4.6	7.0
279	30.1	18.2	27.2#





#94
Benzo(g,h,i)perylene
Concen: 9.826 ng/ul
RT: 30.41 min Scan# 4608
Delta R.T. -0.03 min
Lab File: BG047534.D
Acq: 2 Dec 2020 16:45

Tgt Ion:276 Resp: 144732

Ion	Ratio	Lower	Upper
276	100		
138	3.0	5.8	8.6#
277	22.8	17.4	26.2