Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047493.D
Acq On : 1 Dec 2020 10:52
Operator : CG/JU
Sample : L4793-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B38

Manual Integrations APPROVED
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Quant Time: Dec 01 11:47:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	29767	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	108384	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.88	164	81573	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.61	188	198457	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	179179	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	188709	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	1759	2.15	ng/uL	0.00
5) Phenol-d5	7.40	99	39698	13.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	24685	14.50	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.79	132	33263	16.61	ng/ul	-0.01
13) 4-Methylphenol-d8	8.95	113	26666	11.62	ng/ul	-0.01
19) Nitrobenzene-d5	9.43	128	17535	19.59	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.16	143	20175	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	39650	17.73	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.22	131	29077	12.86	ng/ul	-0.01
44) Dimethylphthalate-d6	14.27	166	128747	18.38	ng/ul	-0.01
47) Acenaphthylene-d8	14.58	160	151101	18.67	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	15398m	14.41	ng/ul	-0.01
58) Fluorene-d10	15.86	176	119993	18.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	19385	17.16	ng/ul	-0.01
71) Anthracene-d10	17.71	188	192530m	19.56	ng/ul	0.00
79) Pyrene-d10	19.98	212	212669	20.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	217404	20.02	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.43	94	11701	4.091	ng/ul#	87
45) Dimethylphthalate	14.32	163	20411	2.857	ng/ul#	96
70) Phenanthrene	17.66	178	38062	3.552	ng/ul	97
77) Fluoranthene	19.65	202	132401	9.782	ng/ul#	98
80) Pyrene	20.01	202	102956	8.112	ng/ul	99
83) Benzo(a)anthracene	21.88	228	62490	4.902	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.77	149	19770	3.182	ng/ul#	97
85) Chrysene	21.95	228	74512	6.142	ng/ul	97
88) Benzo(b)fluoranthene	24.21	252	108013m	8.107	ng/ul	
89) Benzo(k)fluoranthene	24.28	252	26745m	2.037	ng/ul	
91) Benzo(a)pyrene	25.14	252	59404	5.001	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.20	276	47292m	3.273	ng/ul	
93) Dibenzo(a,h)anthracene	29.24	278	13080m	1.104	ng/ul	
94) Benzo(g,h,i)perylene	30.43	276	37882m	3.178	ng/ul	

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

Quantitation Report (LSC Reviewed)

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 01 11:47:13 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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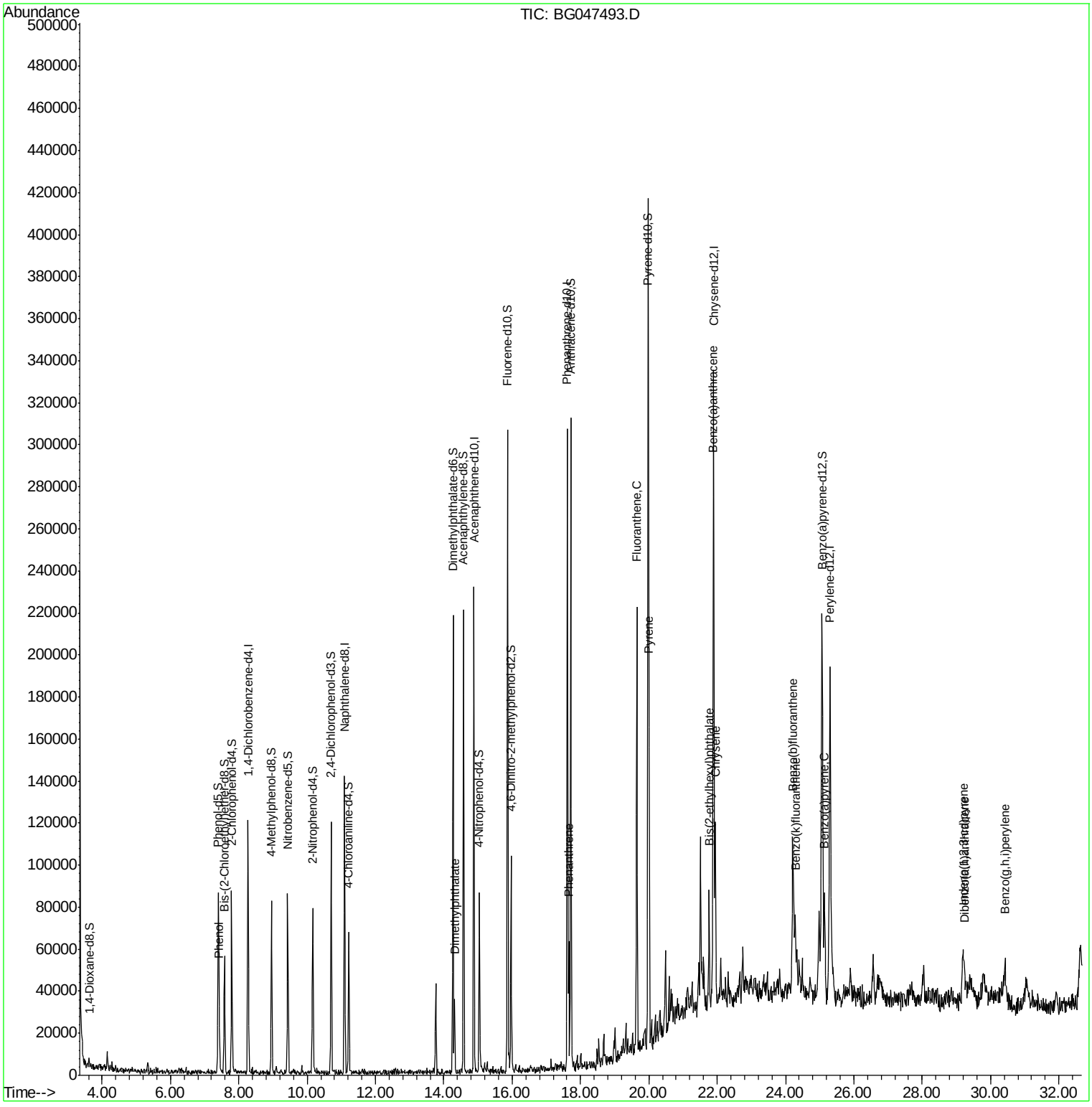
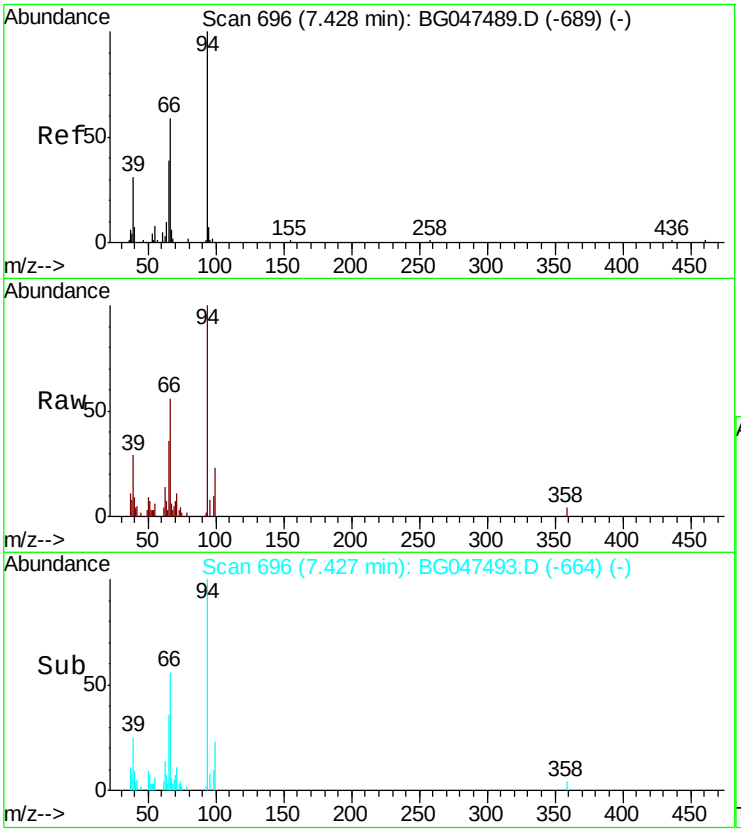
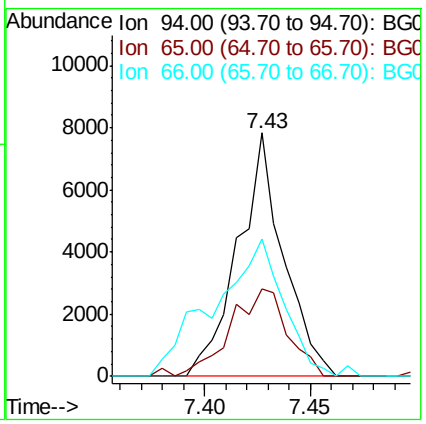




#6
Phenol
Concen: 4.091 ng/ul
RT: 7.43 min Scan# 696
Delta R.T. -0.01 min
Lab File: BG047493.D
Acq: 1 Dec 2020 10:52

Tgt Ion: 94 Resp: 11701

Ion	Ratio	Lower	Upper
94	100		
65	36.2	37.8	56.8#
66	56.2	51.6	77.4



Instrument :
BNA_G
ClientSampleId :
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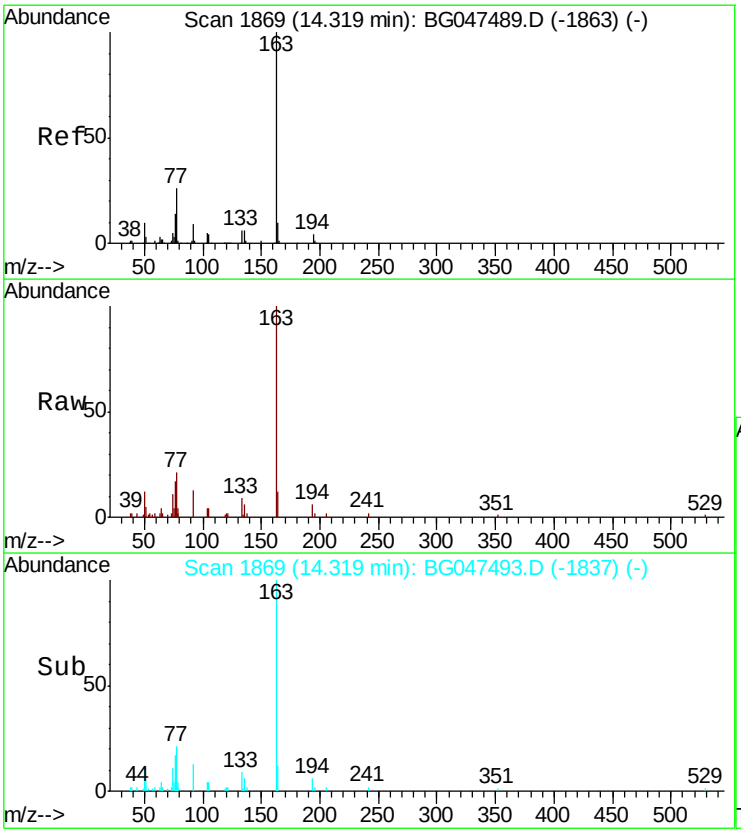
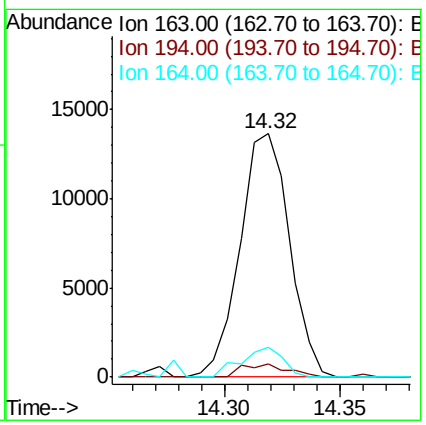
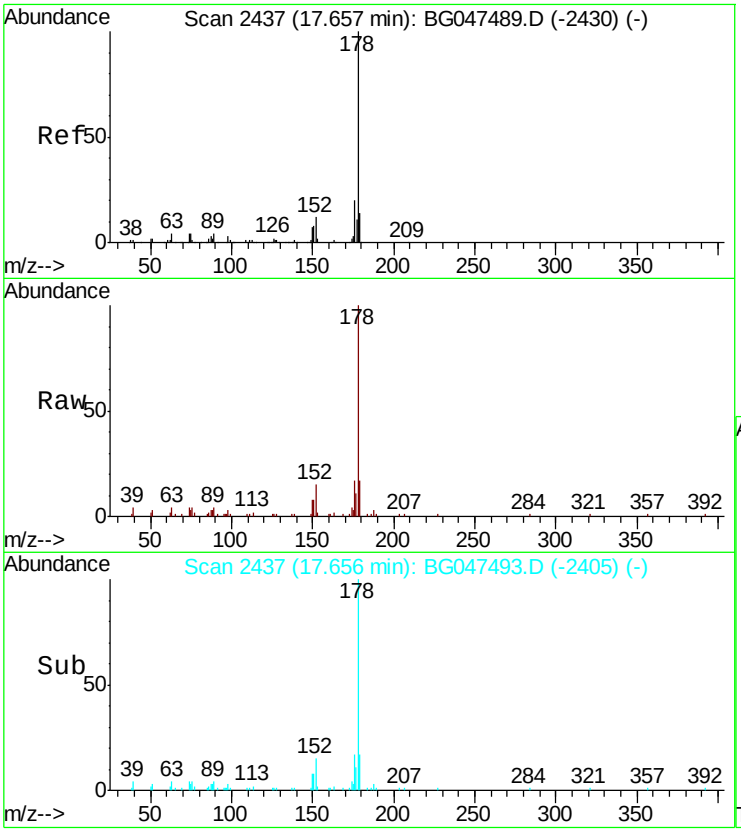


#45
Dimethylphthalate
Concen: 2.857 ng/ul
RT: 14.32 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG047493.D
Acq: 1 Dec 2020 10:52

Tgt Ion:163 Resp: 20411

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.6	5.4#
164	12.0	8.5	12.7

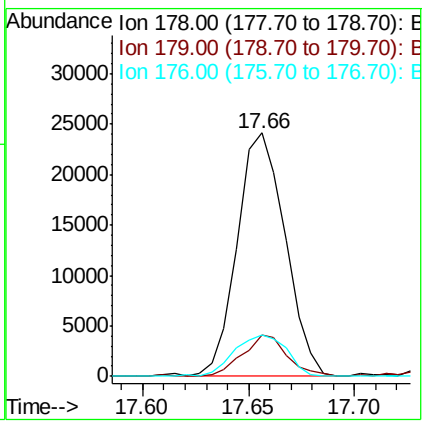




#70
Phenanthrene
Concen: 3.552 ng/ul
RT: 17.66 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG047493.D
Acq: 1 Dec 2020 10:52

Tgt Ion:178 Resp: 38062

Ion	Ratio	Lower	Upper
178	100		
179	16.9	11.8	17.6
176	16.9	13.9	20.9



Instrument :
BNA_G
ClientSampleId :
C0B38

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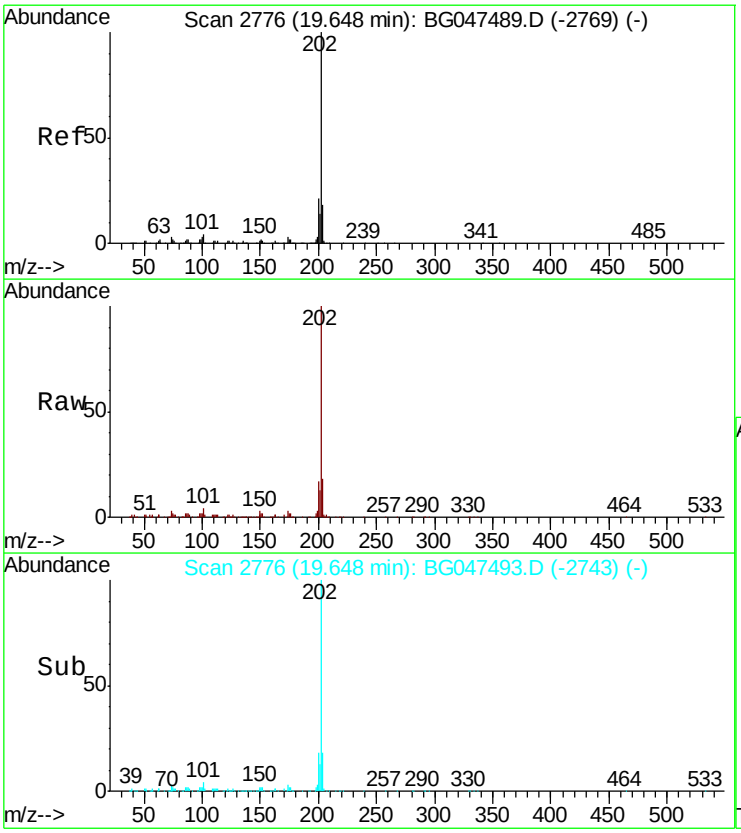
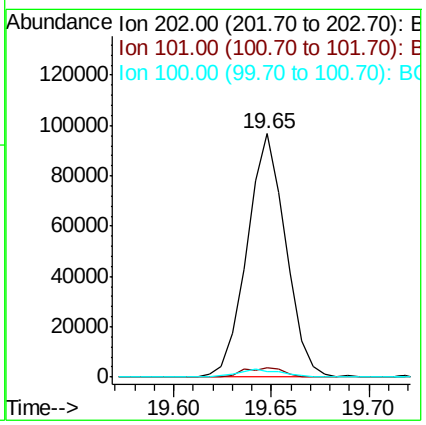
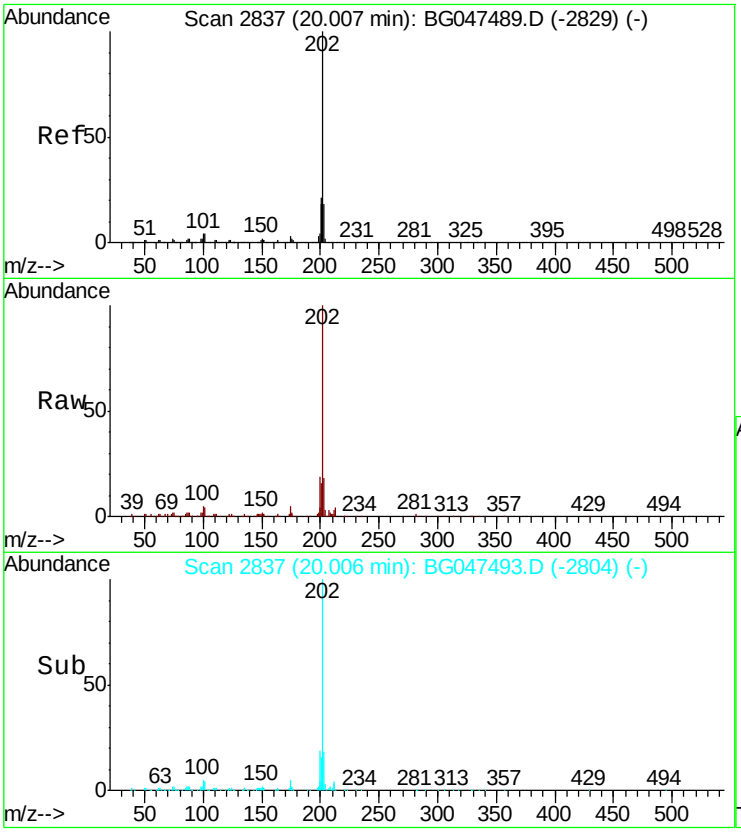


#77
Fluoranthene
Concen: 9.782 ng/ul
RT: 19.65 min Scan# 2776
Delta R.T. -0.01 min
Lab File: BG047493.D
Acq: 1 Dec 2020 10:52

Tgt Ion:202 Resp: 132401

Ion	Ratio	Lower	Upper
202	100		
101	3.8	3.0	4.6
100	2.2	3.0	4.6#

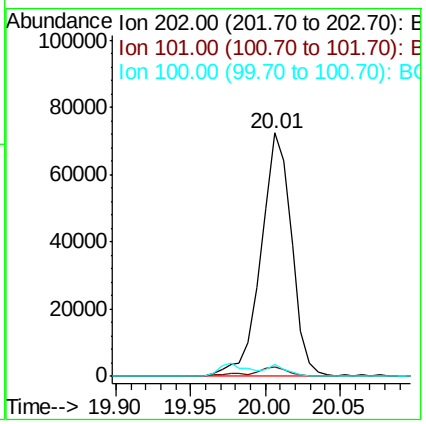




#80
Pyrene
Concen: 8.112 ng/ul
RT: 20.01 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BG047493.D
Acq: 1 Dec 2020 10:52

Tgt Ion:202 Resp: 102956

Ion	Ratio	Lower	Upper
202	100		
101	4.1	3.5	5.3
100	4.9	3.4	5.0



Instrument :
BNA_G
ClientSampleId :
C0B38

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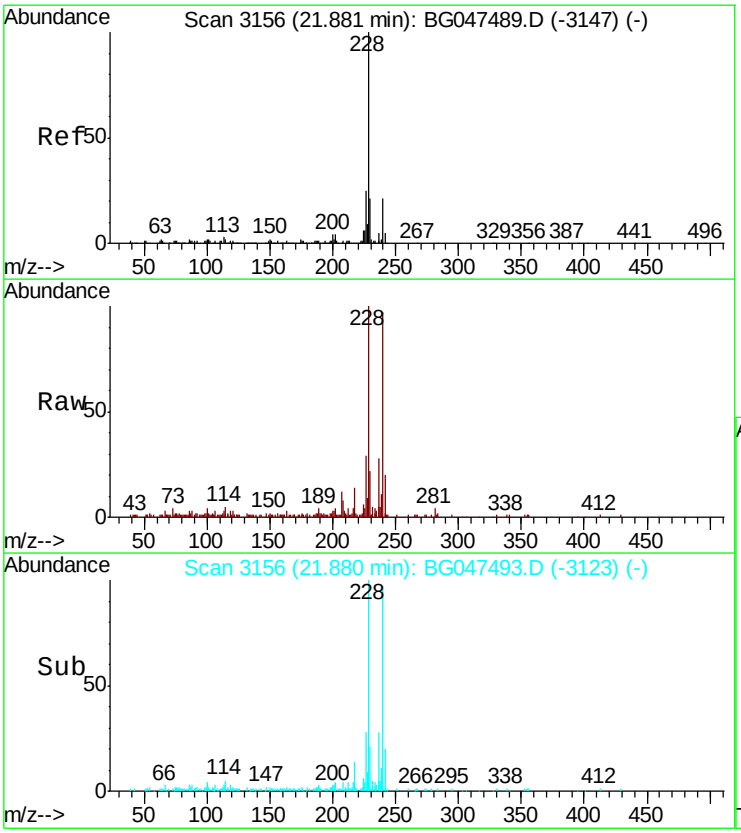
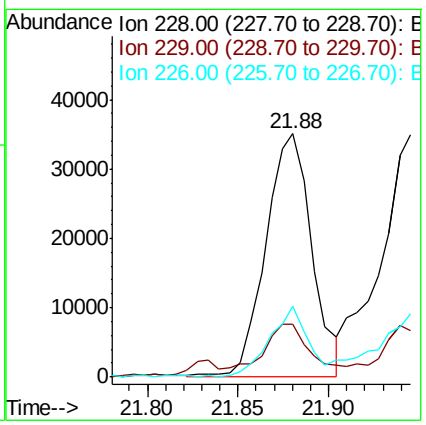
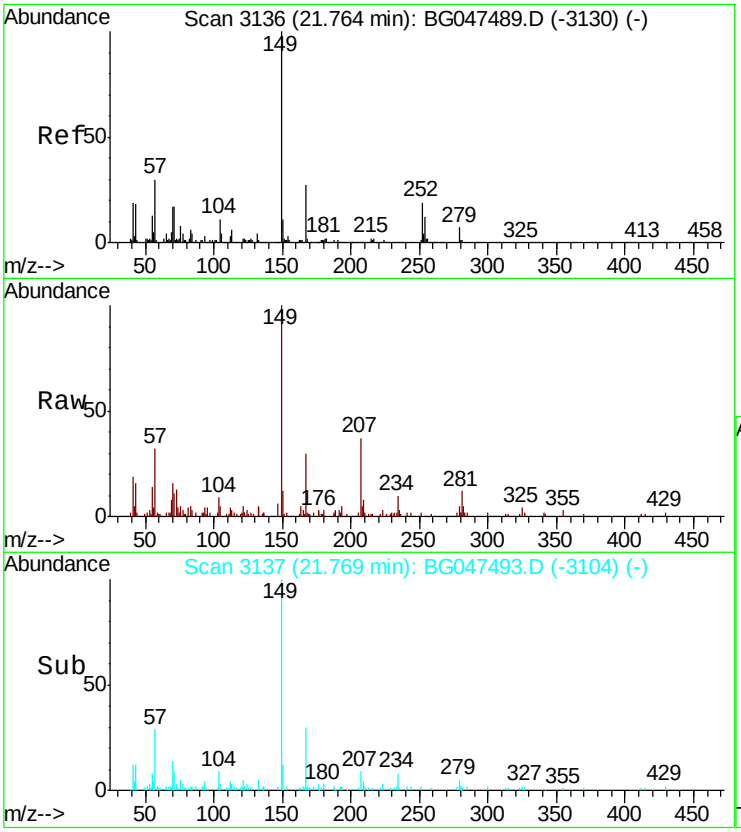


#83
Benzo(a)anthracene
Concen: 4.902 ng/ul
RT: 21.88 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG047493.D
Acq: 1 Dec 2020 10:52

Tgt Ion:228 Resp: 62490

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.6	23.4
226	28.9	21.7	32.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.182 ng/ul
RT: 21.77 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG047493.D
Acq: 1 Dec 2020 10:52

Tgt Ion:149 Resp: 19770

Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.4	35.2
279	4.7	5.9	8.9#

Instrument :
BNA_G
ClientSampleId :
C0B38

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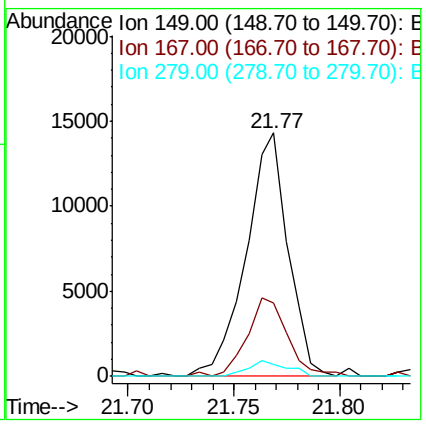
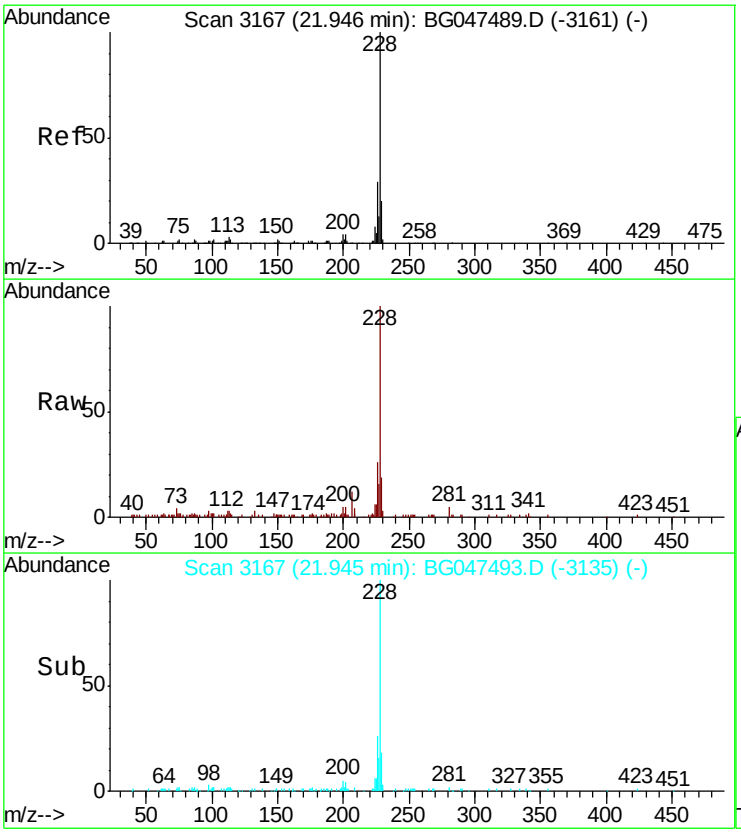
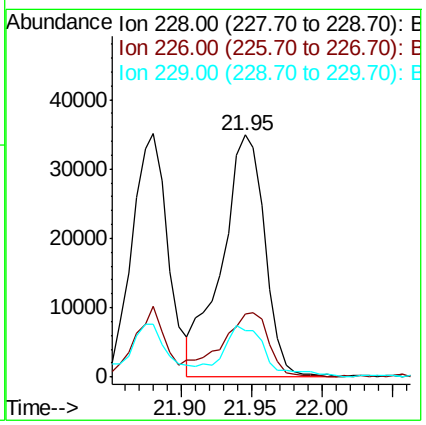


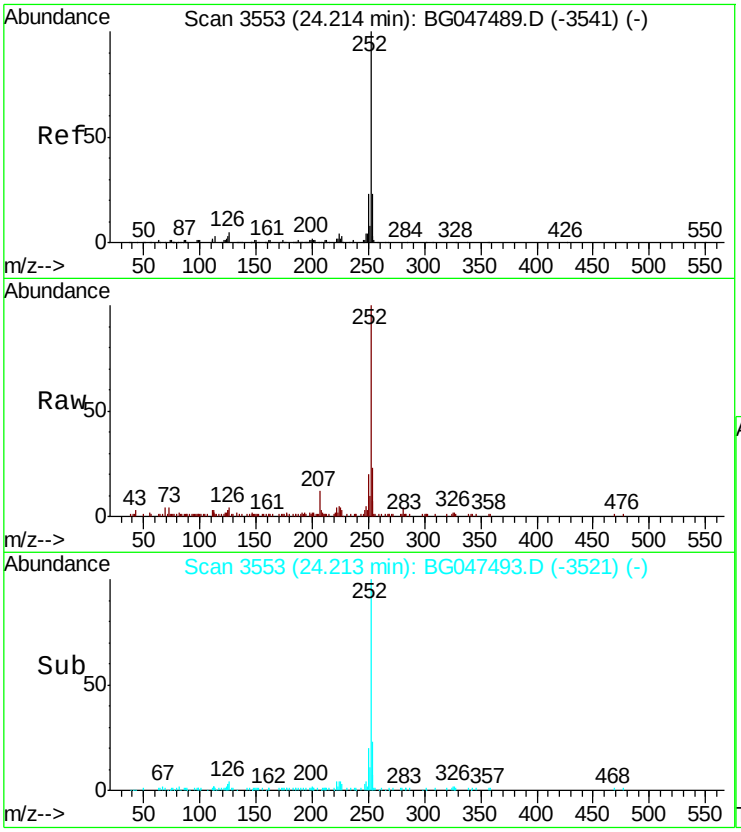


#85
Chrysene
Concen: 6.142 ng/ul
RT: 21.95 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG047493.D
Acq: 1 Dec 2020 10:52

Tgt Ion:228 Resp: 74512

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.3	33.5
229	19.3	16.5	24.7

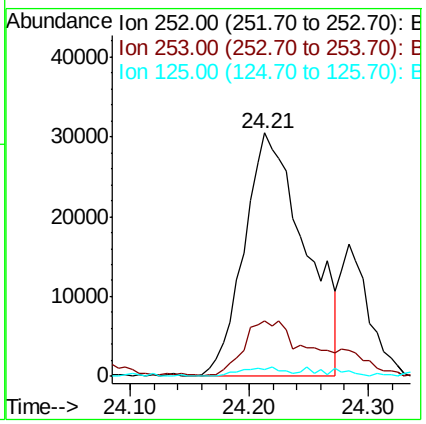




#88
Benzo(b)fluoranthene
Concen: 8.107 ng/ul m
RT: 24.21 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG047493.D
Acq: 1 Dec 2020 10:52

Tgt Ion:252 Resp: 108013

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.6	25.0
125	2.6	2.7	4.1#



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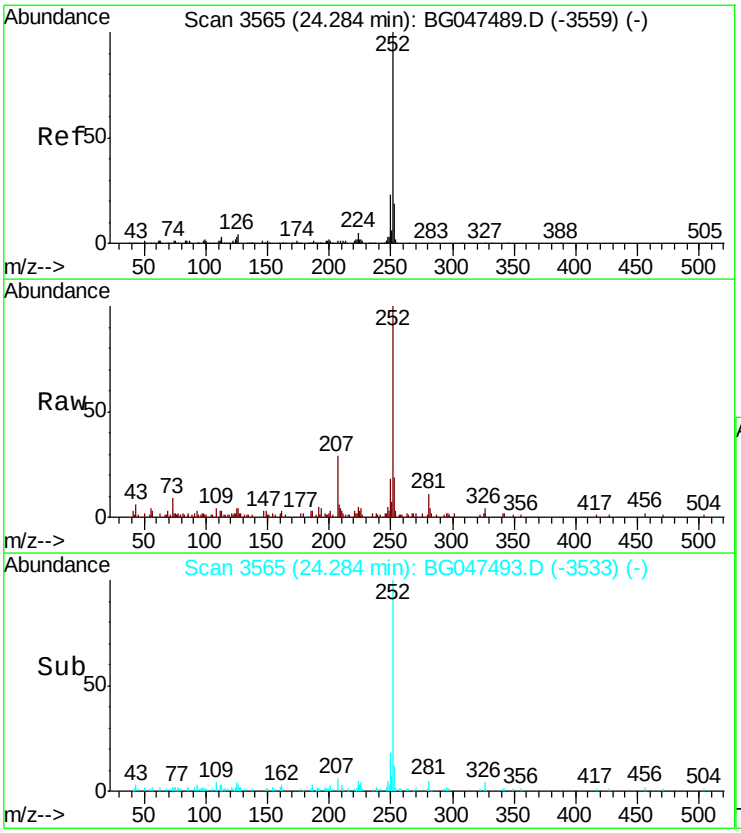
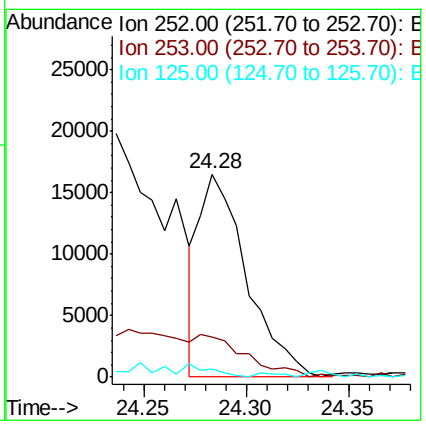
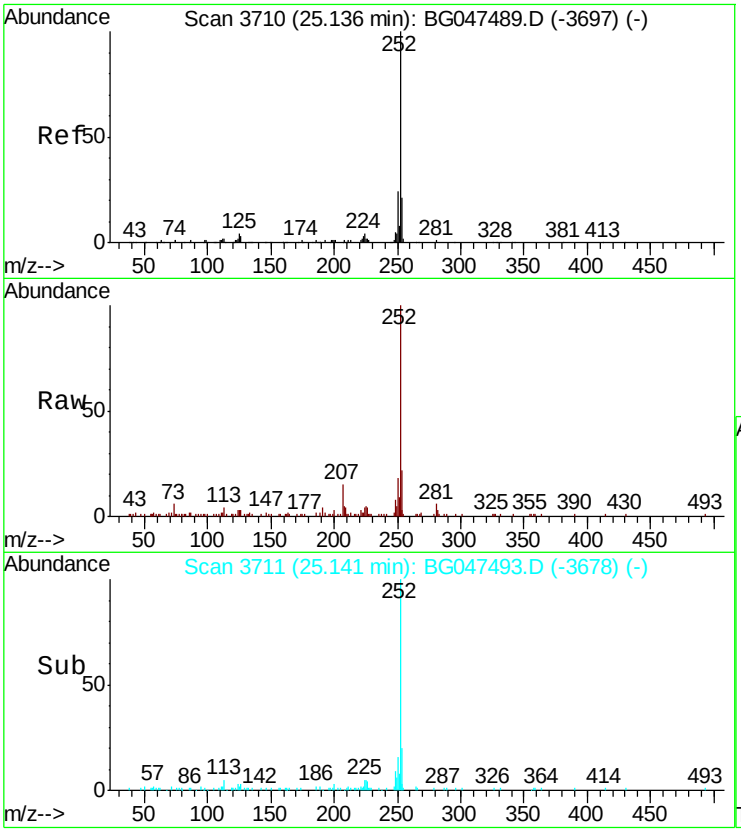


#89
Benzo(k)fluoranthene
Concen: 2.037 ng/ul m
RT: 24.28 min Scan# 3565
Delta R.T. -0.01 min
Lab File: BG047493.D
Acq: 1 Dec 2020 10:52

Tgt Ion:252 Resp: 26745

Ion	Ratio	Lower	Upper
252	100		
253	19.5	18.2	27.4
125	3.9	2.2	3.2#

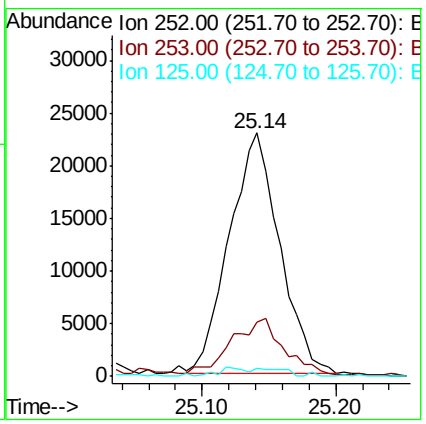




#91
Benzo(a)pyrene
Concen: 5.001 ng/ul
RT: 25.14 min Scan# 3711
Delta R.T. -0.01 min
Lab File: BG047493.D
Acq: 1 Dec 2020 10:52

Tgt Ion:252 Resp: 59404

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	27.8
125	3.4	3.1	4.7



Instrument :
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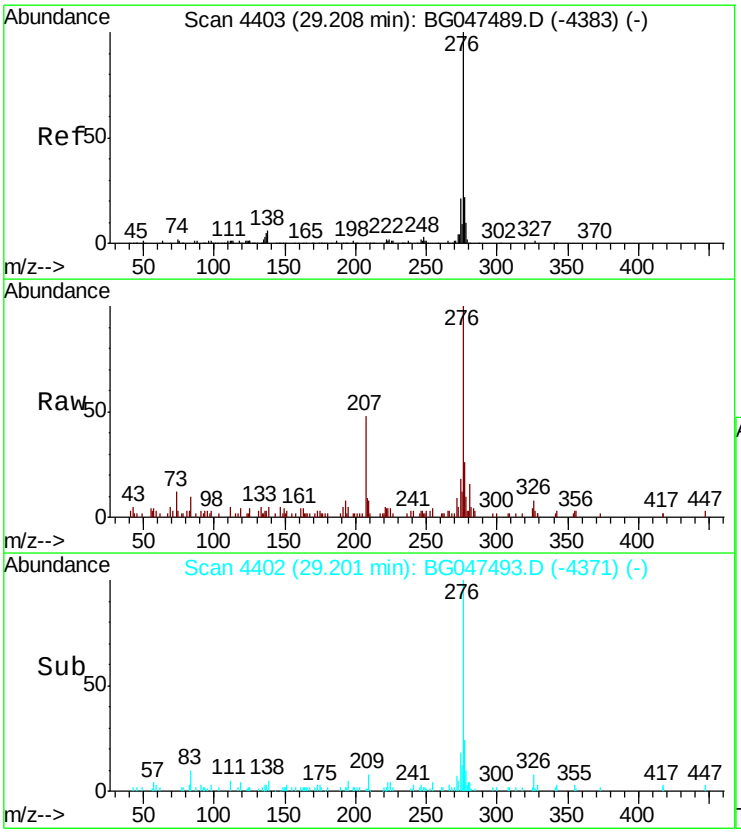
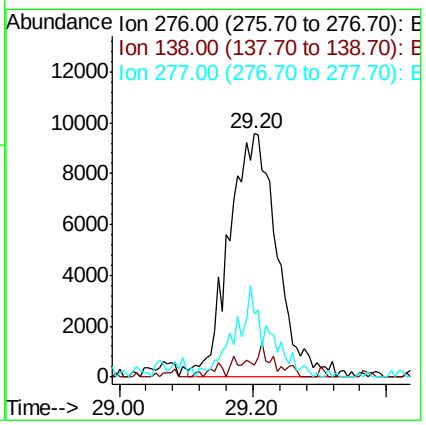
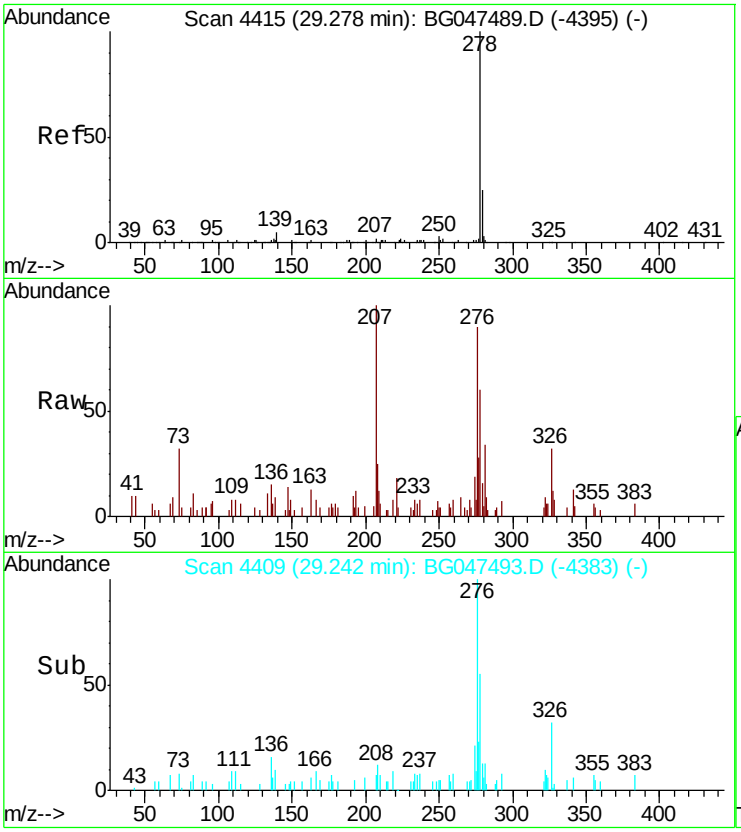


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.273 ng/ul m
RT: 29.20 min Scan# 4402
Delta R.T. -0.02 min
Lab File: BG047493.D
Acq: 1 Dec 2020 10:52

Tgt Ion:276 Resp: 47292

Ion	Ratio	Lower	Upper
276	100		
138	5.0	5.0	7.6#
277	25.7	16.5	24.7#





#93
Dibenzo(a,h)anthracene
Concen: 1.104 ng/ul m
RT: 29.24 min Scan# 4409
Delta R.T. -0.05 min
Lab File: BG047493.D
Acq: 1 Dec 2020 10:52

Tgt Ion:278 Resp: 13080

Ion	Ratio	Lower	Upper
278	100		
139	0.0	4.6	7.0#
279	26.2	18.2	27.2

Instrument :
BNA_G
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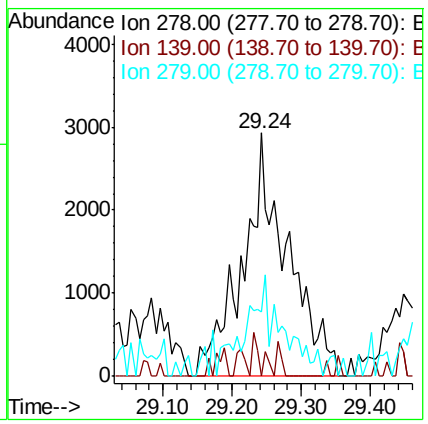

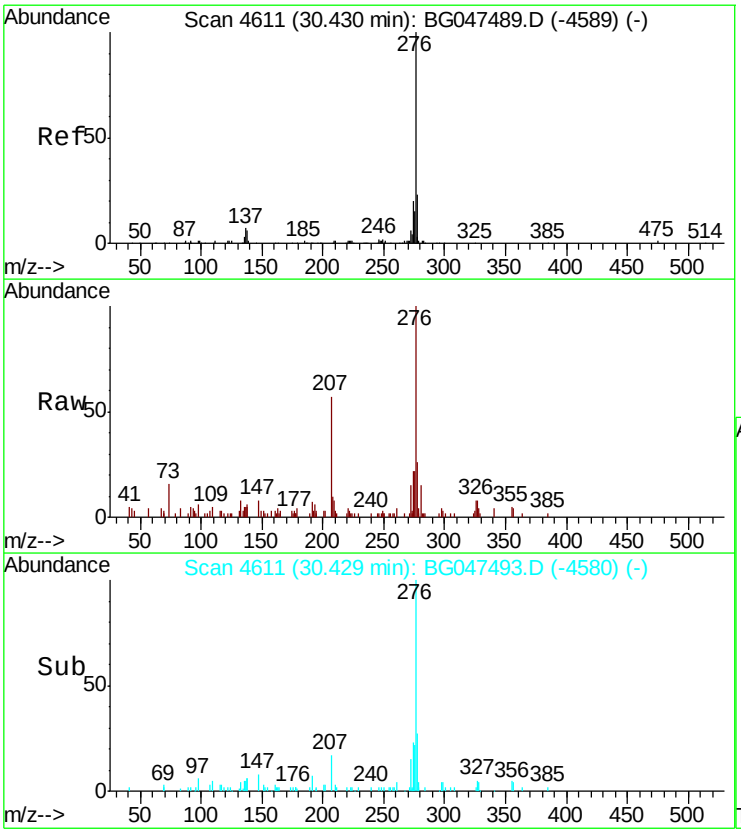

#94
Benzo(g,h,i)perylene
Concen: 3.178 ng/ul m
RT: 30.43 min Scan# 4611
Delta R.T. -0.02 min
Lab File: BG047493.D
Acq: 1 Dec 2020 10:52

Tgt Ion:276 Resp: 37882

Ion	Ratio	Lower	Upper
276	100		
138	5.6	5.8	8.6#
277	26.5	17.4	26.2#