

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047454.D
 Acq On : 24 Nov 2020 20:09
 Operator : CG/JU
 Sample : L4751-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Quant Time: Nov 25 01:23:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 25 01:15:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	25300	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	99475	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	75588	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	169015	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	160262	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	165605	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	1155	1.66	ng/uL	0.00
5) Phenol-d5	7.40	99	35788	14.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	21474	14.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	30677	18.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	25981	13.33	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	15702	19.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	15327	17.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	36969	18.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	29699	14.31	ng/ul	-0.01
44) Dimethylphthalate-d6	14.28	166	114317	17.62	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	138791	18.51	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	13990	14.13	ng/ul	-0.01
58) Fluorene-d10	15.87	176	106005	17.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	7175	7.46	ng/ul	0.00
71) Anthracene-d10	17.71	188	165803	19.77	ng/ul	0.00
79) Pyrene-d10	19.98	212	188189	20.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	194210	20.37	ng/ul	-0.01

Target Compounds

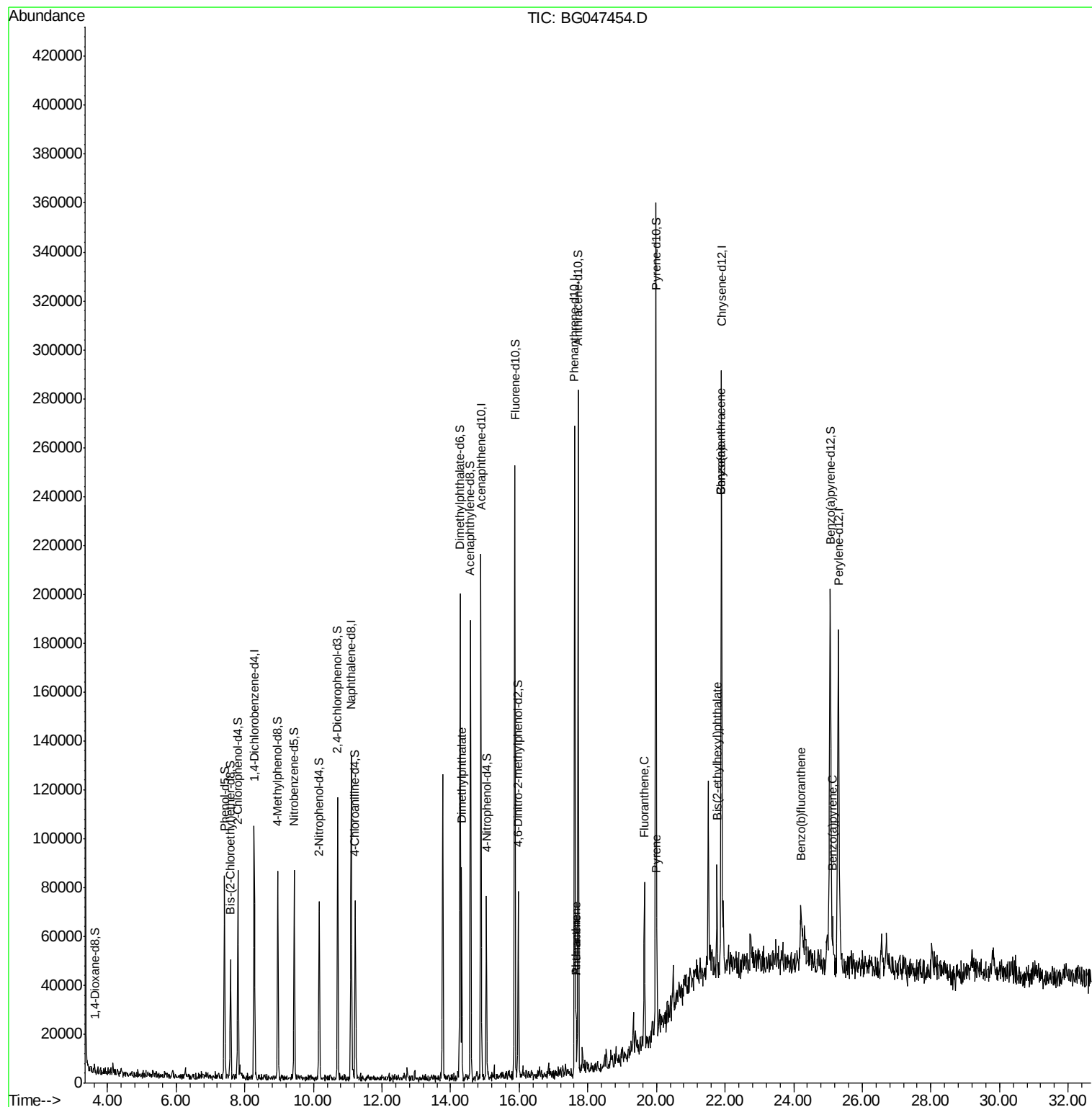
					Ovalue	
45) Dimethylphthalate	14.32	163	48549	7.335	ng/ul#	95
70) Phenanthrene	17.66	178	12203	1.337	ng/ul	97
72) Anthracene	17.66	178	12203	1.328	ng/ul	97
77) Fluoranthene	19.65	202	33152	2.876	ng/ul#	94
80) Pyrene	20.01	202	27304	2.405	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	16967	1.488	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	16231	2.921	ng/ul	98
85) Chrysene	21.88	228	16967	1.564	ng/ul	99
88) Benzo(b)fluoranthene	24.21	252	29105	2.489	ng/ul	95
91) Benzo(a)pyrene	25.14	252	16344	1.568	ng/ul	95

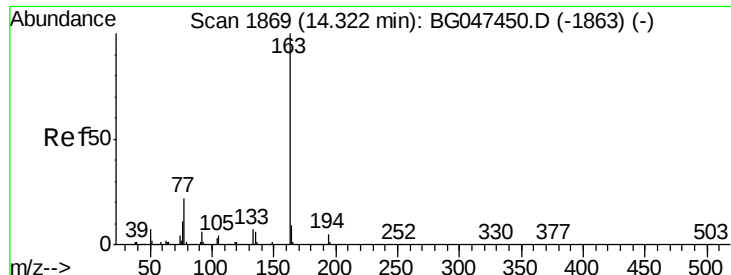
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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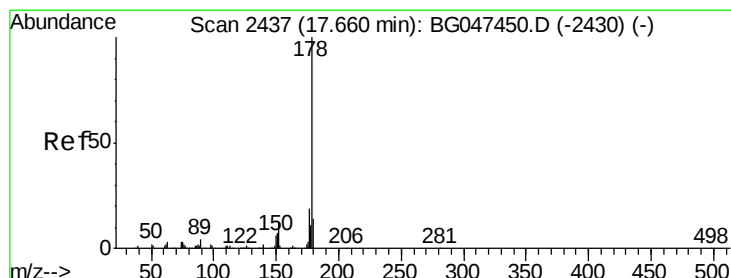
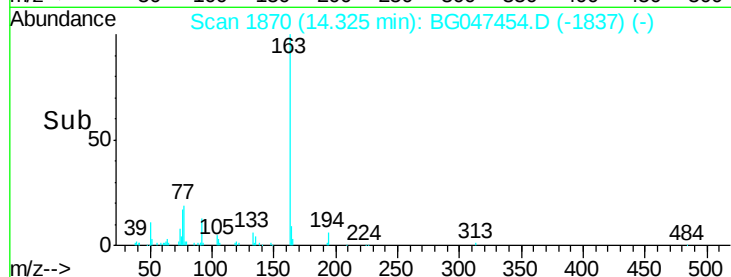
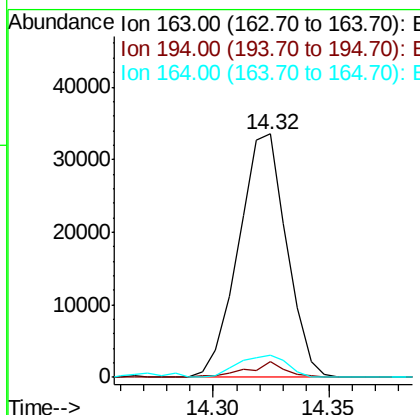
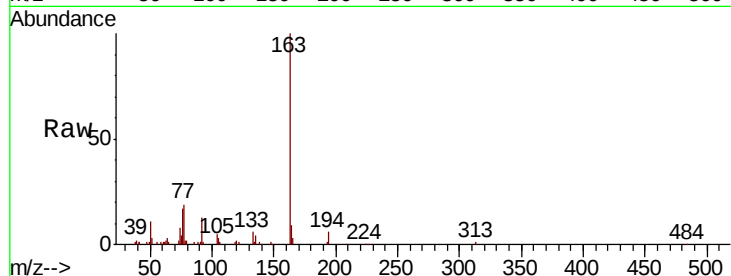




#45
Dimethylphthalate
Concen: 7.335 ng/ul
RT: 14.32 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG047454.D
Acq: 24 Nov 2020 20:09

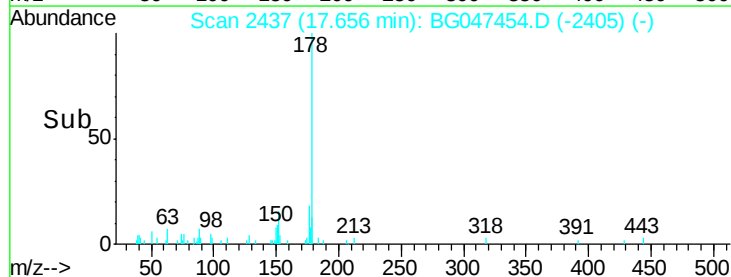
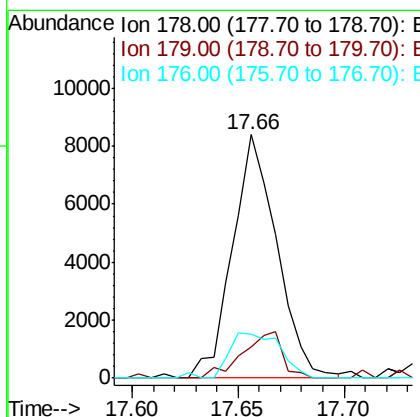
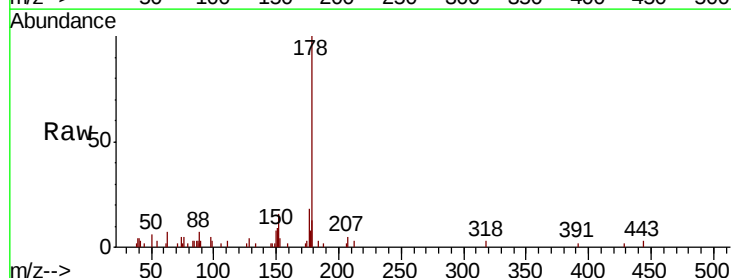
Instrument :
BNA_G
ClientSampleId :
C0AW3

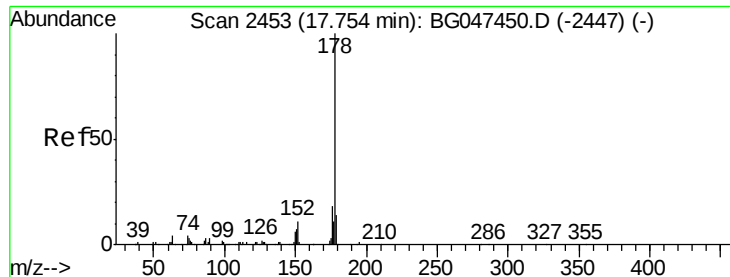
Tot Ion:163 Resp: 48549
Ion Ratio Lower Upper
163 100
194 6.4 3.6 5.4#
164 8.9 8.5 12.7



#70
Phenanthrene
Concen: 1.337 ng/ul
RT: 17.66 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG047454.D
Acq: 24 Nov 2020 20:09

Tgt Ion:178 Resp: 12203
Ion Ratio Lower Upper
178 100
179 12.8 11.8 17.6
176 18.2 13.9 20.9





#72

Anthracene

Concen: 1.328 ng/ul

RT: 17.66 min Scan# 2437

Delta R.T. -0.10 min

Lab File: BG047454.D

Acq: 24 Nov 2020 20:09

Instrument :

BNA_G

ClientSampleId :

C0AW3

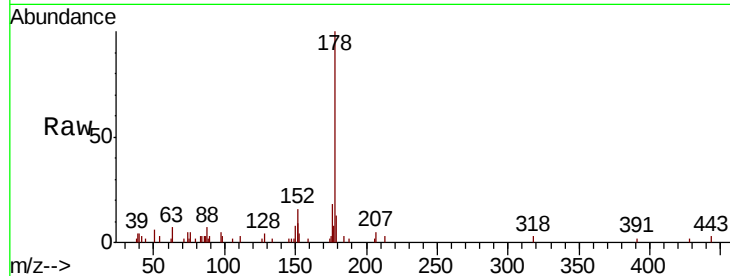
Tot Ion:178 Resp: 12203

Ion Ratio Lower Upper

178 100

179 12.8 11.7 17.5

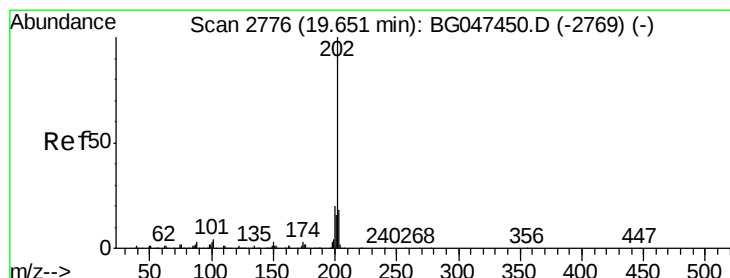
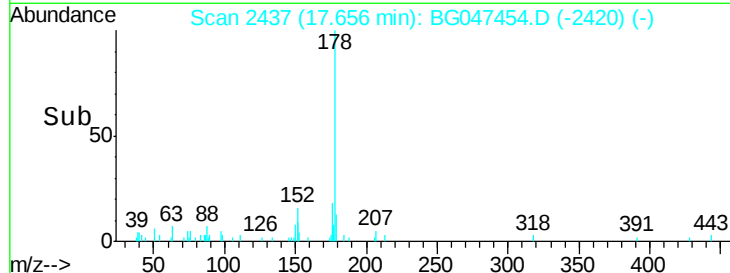
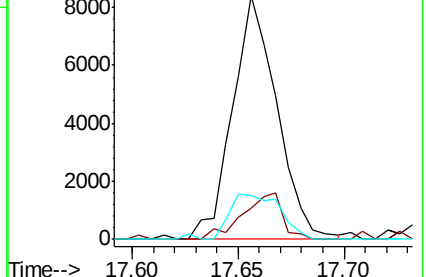
176 18.2 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 2.876 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG047454.D

Acq: 24 Nov 2020 20:09

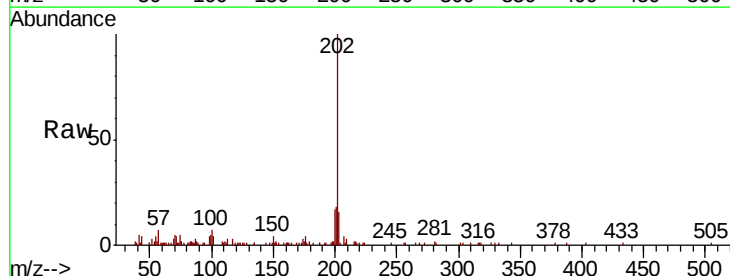
Tgt Ion:202 Resp: 33152

Ion Ratio Lower Upper

202 100

101 4.0 3.0 4.6

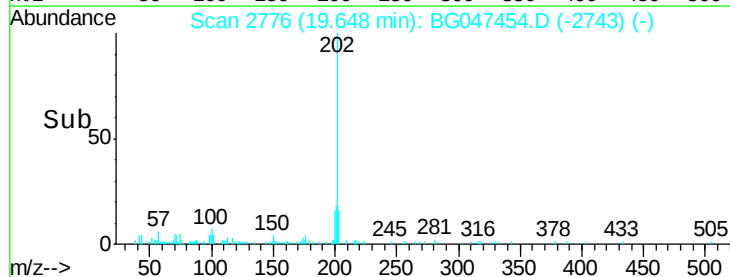
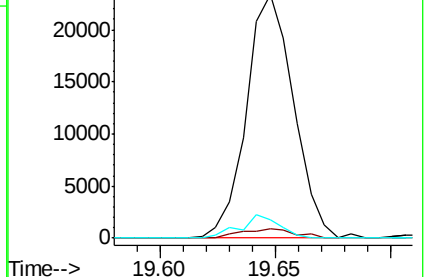
100 7.4 3.0 4.6#

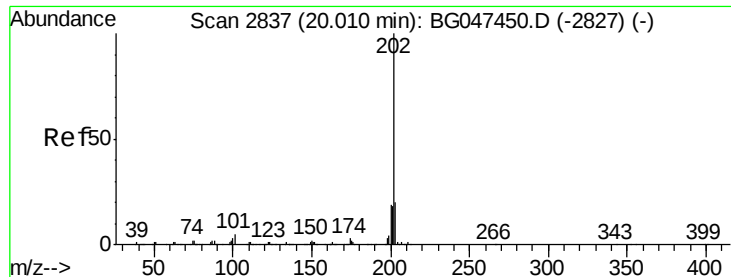


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

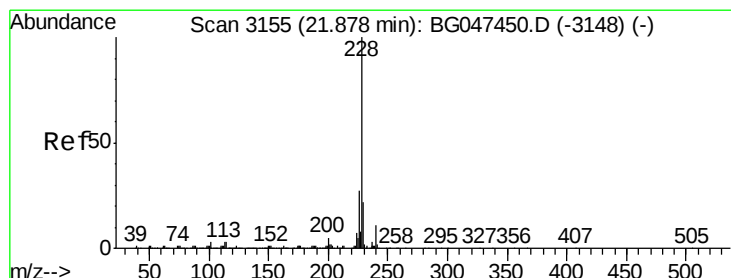
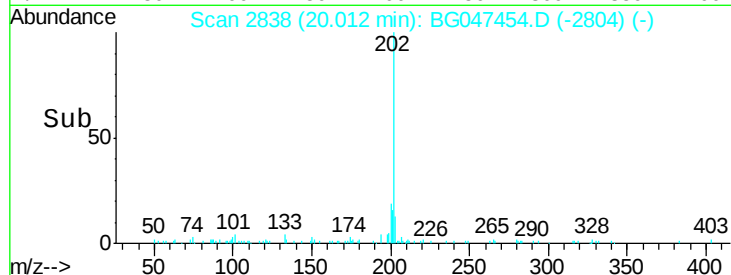
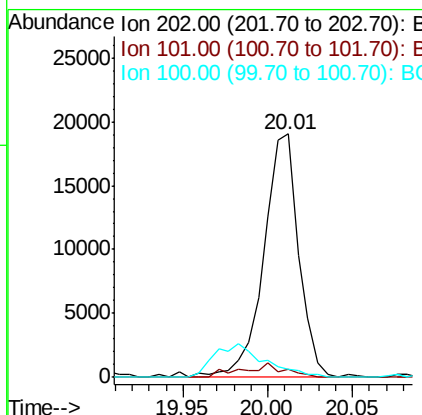
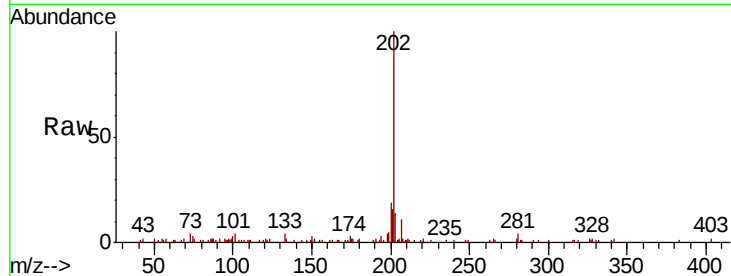




#80
Pvrene
Concen: 2.405 ng/ul
RT: 20.01 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG047454.D
Acq: 24 Nov 2020 20:09

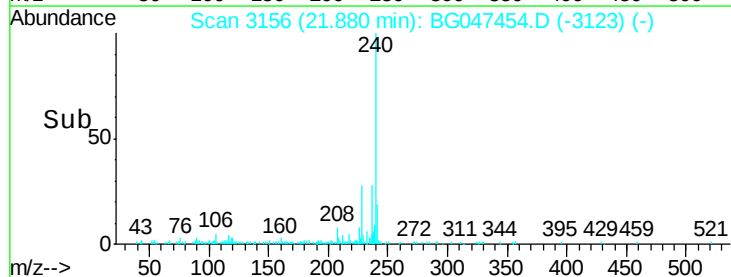
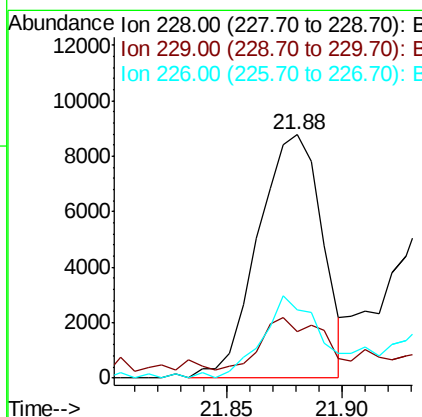
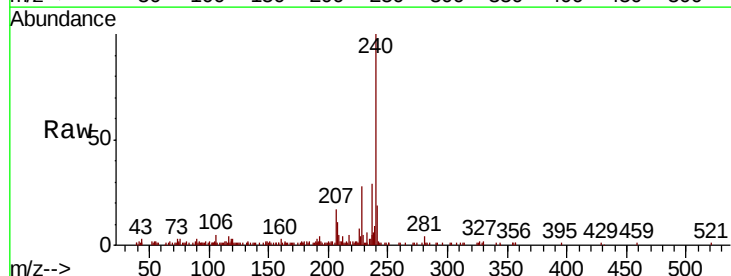
Instrument :
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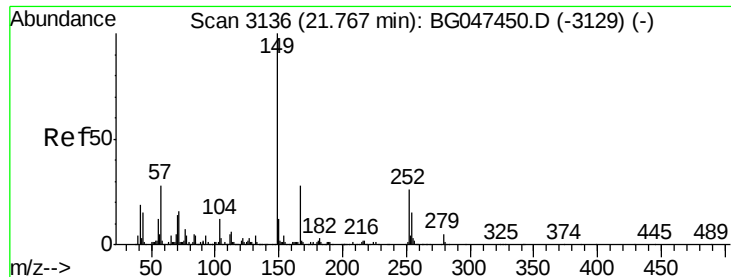
Tot Ion	Ratio	Lower	Upper
202	100		
101	3.5	3.5	5.3#
100	3.1	3.4	5.0#



#83
Benzo(a)anthracene
Concen: 1.488 ng/ul
RT: 21.88 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG047454.D
Acq: 24 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.6	23.4
226	27.8	21.7	32.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.921 ng/ul

RT: 21.77 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG047454.D

Acq: 24 Nov 2020 20:09

Instrument :

BNA_G

ClientSampleId :

C0AW3

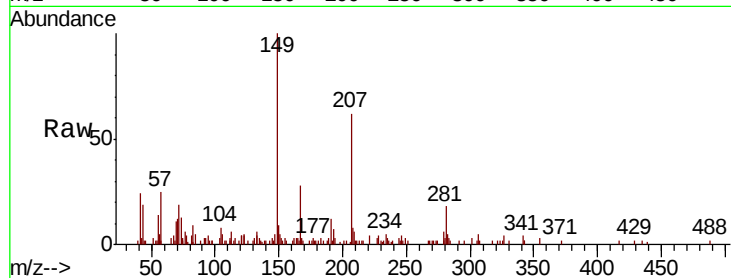
Tot Ion:149 Resp: 16231

Ion Ratio Lower Upper

149 100

167 28.3 23.4 35.2

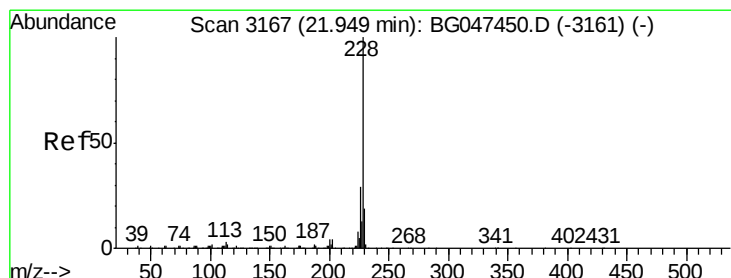
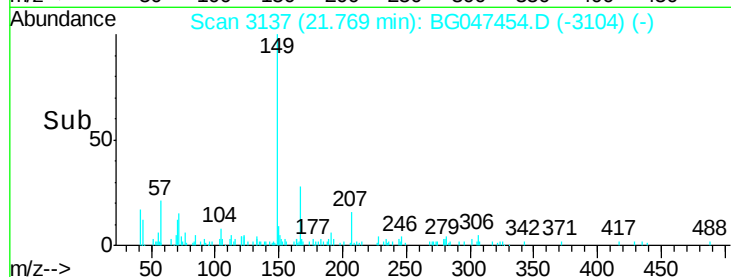
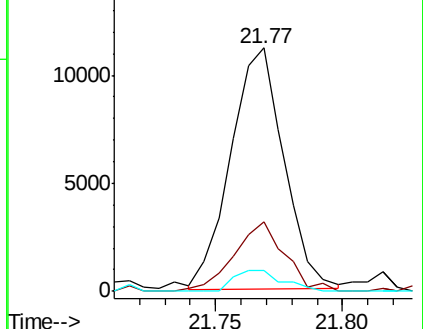
279 8.4 5.9 8.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 1.564 ng/ul

RT: 21.88 min Scan# 3156

Delta R.T. -0.08 min

Lab File: BG047454.D

Acq: 24 Nov 2020 20:09

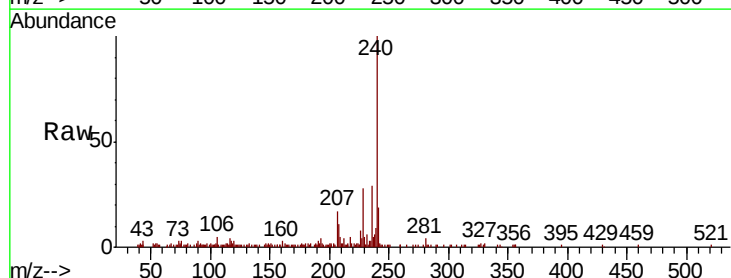
Tgt Ion:228 Resp: 16967

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

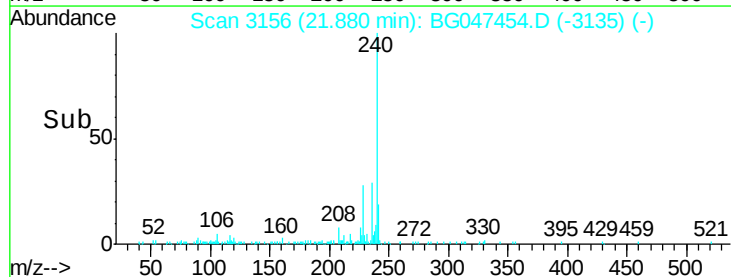
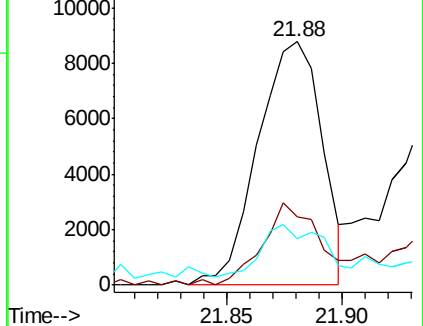
229 19.2 16.5 24.7

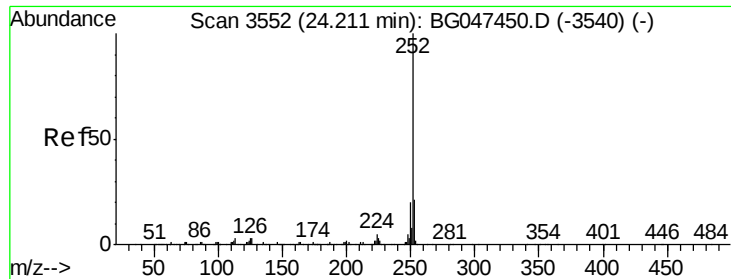


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.489 ng/ul

RT: 24.21 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG047454.D

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ClientSampleId :

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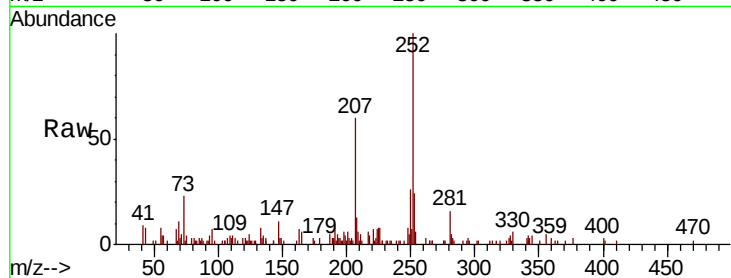
Tot Ion:252 Resp: 29105

Ion Ratio Lower Upper

252 100

253 23.5 16.6 25.0

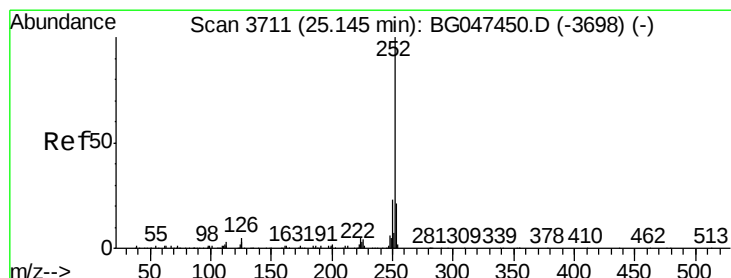
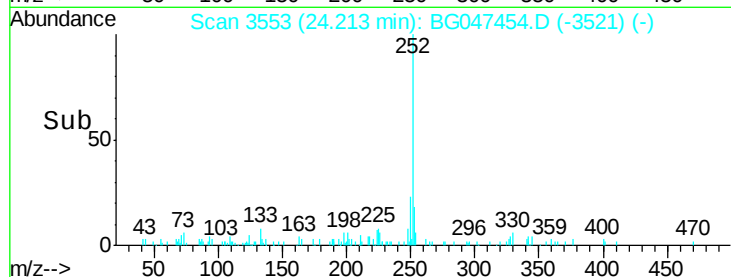
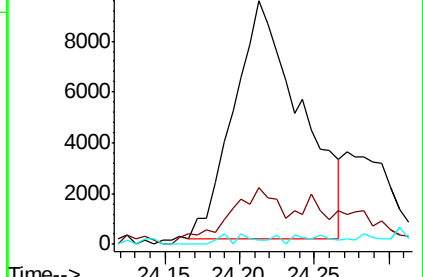
125 3.9 2.7 4.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 1.568 ng/ul

RT: 25.14 min Scan# 3710

Delta R.T. -0.01 min

Lab File: BG047454.D

Acq: 24 Nov 2020 20:09

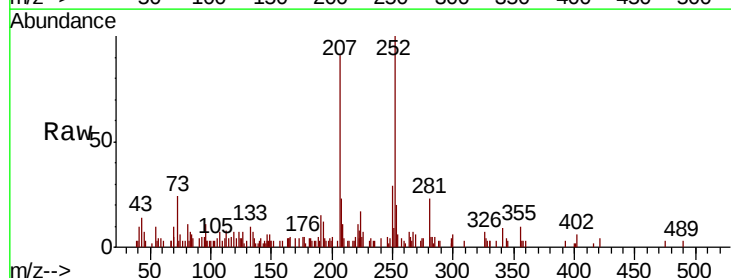
Tgt Ion:252 Resp: 16344

Ion Ratio Lower Upper

252 100

253 20.1 18.6 27.8

125 3.8 3.1 4.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

