

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047462.D
 Acq On : 25 Nov 2020 1:34
 Operator : CG/JU
 Sample : L4749-07DL 2X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B71DL

Quant Time: Nov 25 03:42:58 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

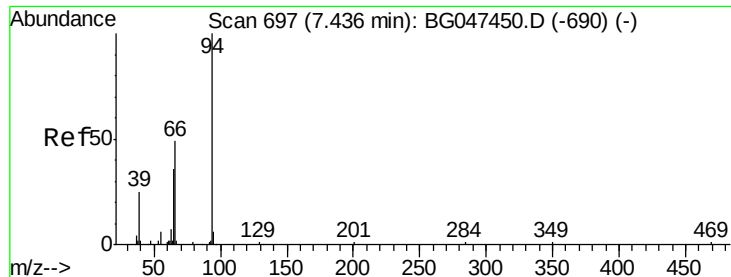
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	36904	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	147065	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	106982	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	233793	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	218225	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	230001	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	717	0.71	ng/uL	0.00
5) Phenol-d5	7.41	99	23469	6.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	12528	5.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	17949	7.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	19230	6.76	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	9061	7.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	11517	8.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	22650	7.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	17020	5.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	75069	8.17	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	88131	8.30	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	8693	6.20	ng/ul	0.00
58) Fluorene-d10	15.87	176	69928	8.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	3680	2.77	ng/ul	0.00
71) Anthracene-d10	17.72	188	102676	8.85	ng/ul	0.00
79) Pyrene-d10	19.98	212	114165	8.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	116026	8.76	ng/ul	0.00

Target Compounds				Ovalue		
6) Phenol	7.43	94	3960	1.117	ng/ul	91
59) Fluorene	15.92	166	10922	1.276	ng/ul	99
70) Phenanthrene	17.66	178	366173	29.003	ng/ul	96
72) Anthracene	17.75	178	62107	4.885	ng/ul	97
75) Carbazole	18.01	167	31921	3.112	ng/ul	95
77) Fluoranthene	19.66	202	1121206	70.318	ng/ul#	99
80) Pyrene	20.01	202	892186	57.717	ng/ul	99
83) Benzo(a)anthracene	21.88	228	501734	32.313	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	12264	1.621	ng/ul#	93
85) Chrysene	21.95	228	577560	39.088	ng/ul	97
88) Benzo(b)fluoranthene	24.23	252	757030	46.617	ng/ul#	95
89) Benzo(k)fluoranthene	24.23	252	757030	47.305	ng/ul	99
91) Benzo(a)pyrene	24.99	252	347086	23.976	ng/ul	99
94) Benzo(g,h,i)perylene	30.45	276	248517	17.104	ng/ul	97

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

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\  
Data File : BG047462.D  
Acq On    : 25 Nov 2020    1:34  
Operator  : CG/JU  
Sample    : L4749-07DL 2X  
Misc      :  
ALS Vial  : 48    Sample Multiplier: 1
```



#6

Phenol

Concen: 1.117 ng/ul

RT: 7.43 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

Instrument :

BNA_G

ClientSampleId :

C0B71DL

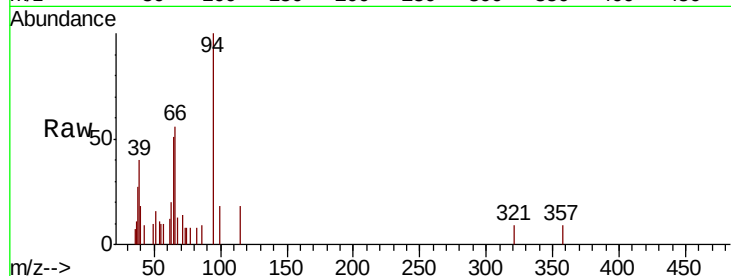
Tot Ion: 94 Resp: 3960

Ion Ratio Lower Upper

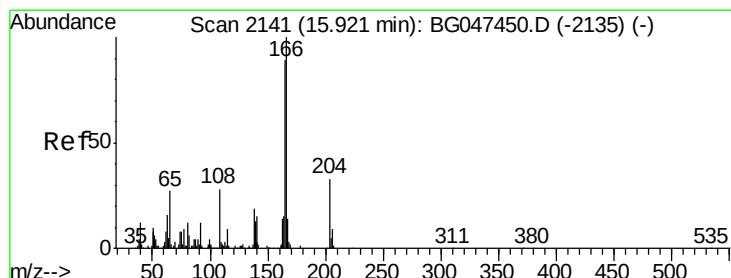
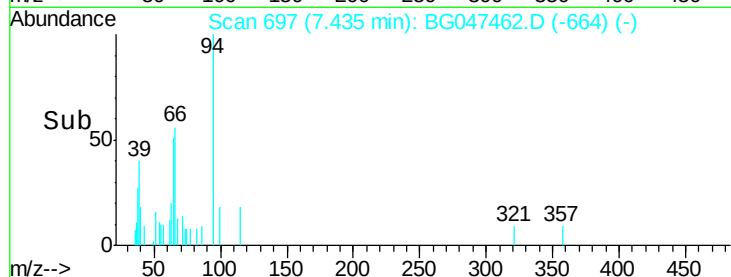
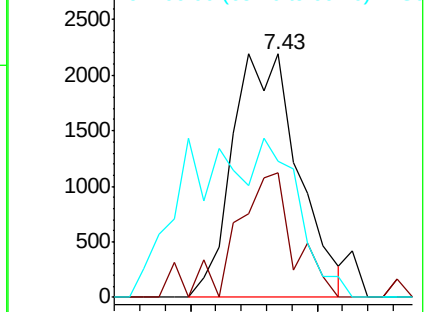
94 100

65 51.0 37.8 56.8

66 55.7 51.6 77.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#59

Fluorene

Concen: 1.276 ng/ul

RT: 15.92 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

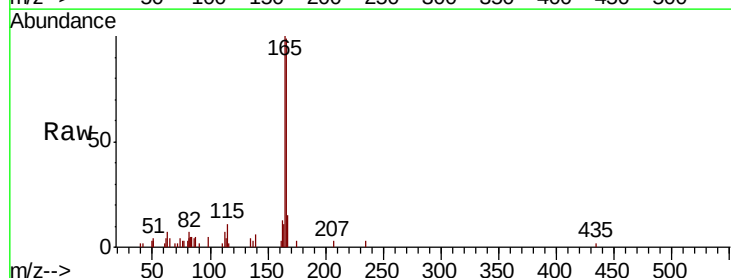
Tgt Ion: 166 Resp: 10922

Ion Ratio Lower Upper

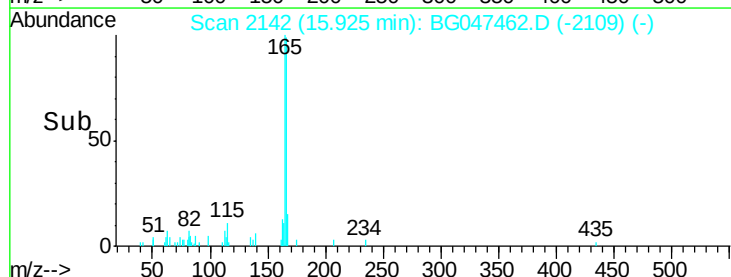
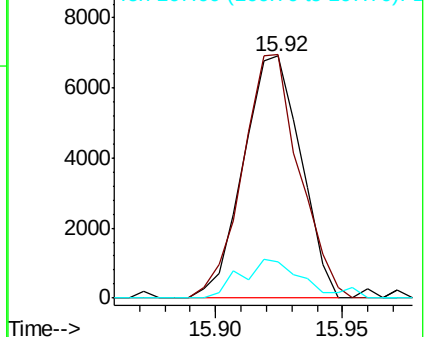
166 100

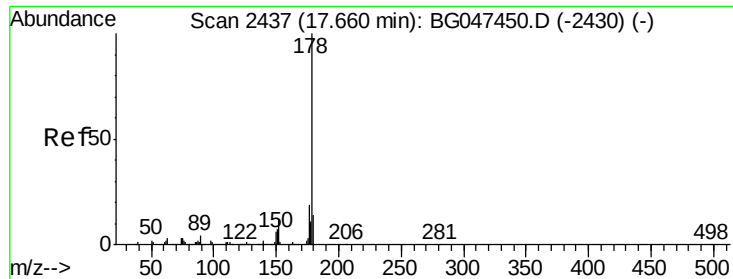
165 100.7 79.8 119.6

167 14.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 29.003 ng/ul

RT: 17.66 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

Instrument :

BNA_G

ClientSampleId :

C0B71DL

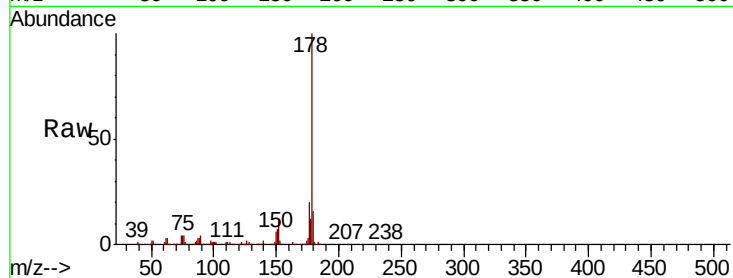
Tot Ion:178 Resp: 366173

Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.6

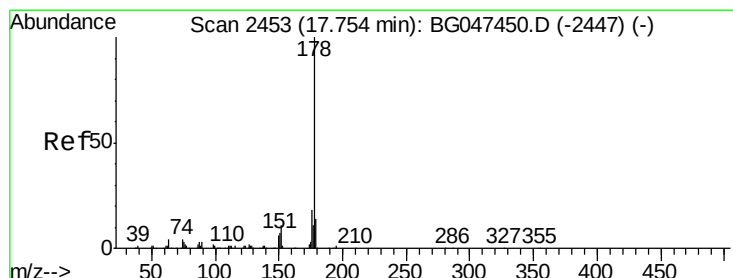
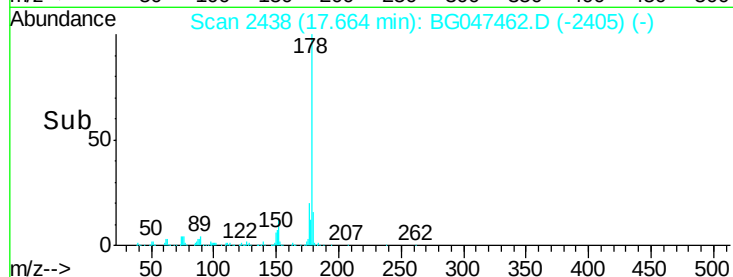
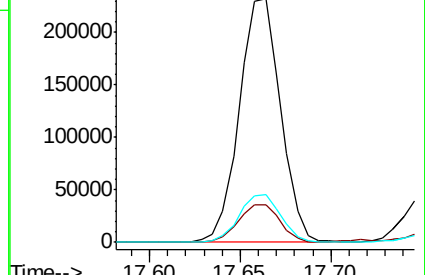
176 19.6 13.9 20.9



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



#72

Anthracene

Concen: 4.885 ng/ul

RT: 17.75 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

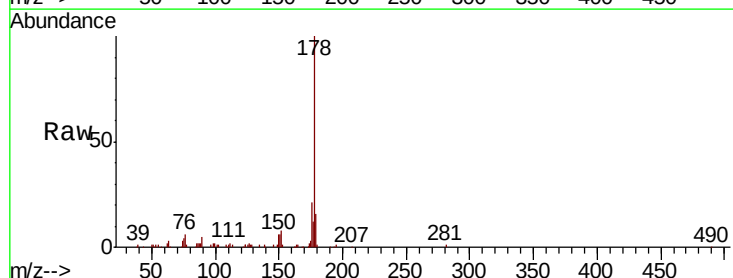
Tgt Ion:178 Resp: 62107

Ion Ratio Lower Upper

178 100

179 15.5 11.7 17.5

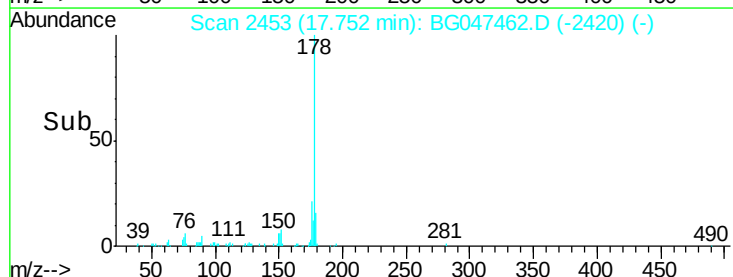
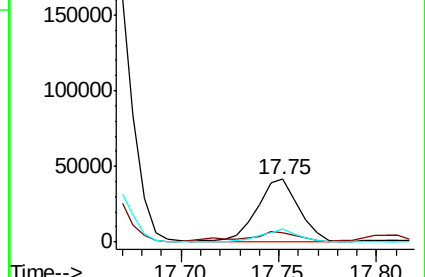
176 21.0 15.4 23.0

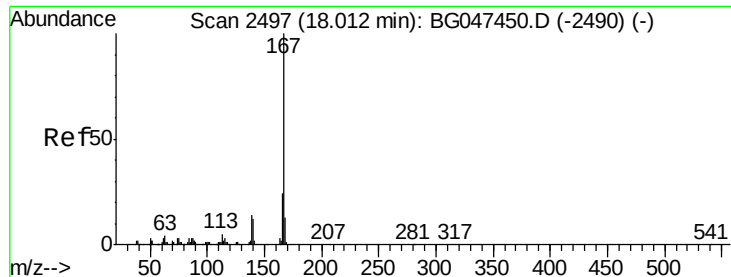


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 3.112 ng/ul

RT: 18.01 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

Instrument :

BNA_G

ClientSampleId :

C0B71DL

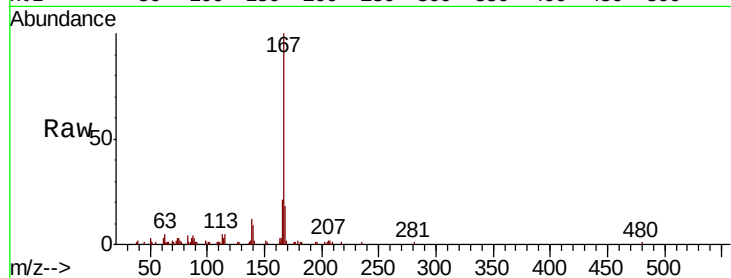
Tot Ion:167 Resp: 31921

Ion Ratio Lower Upper

167 100

166 20.5 19.2 28.8

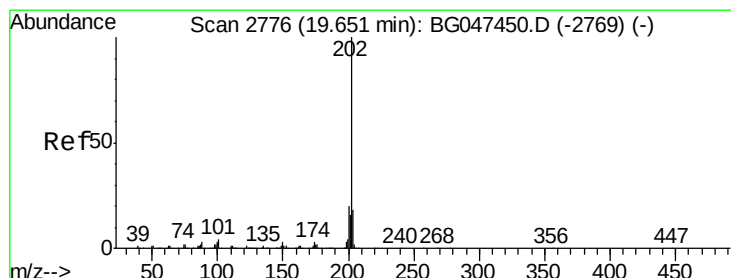
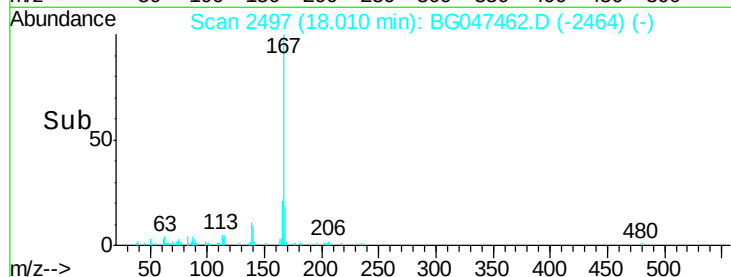
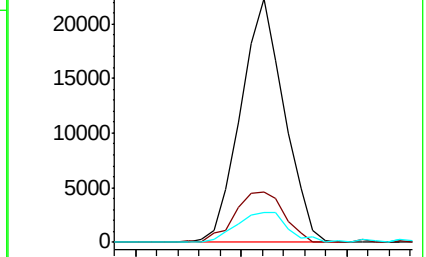
139 12.4 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 70.318 ng/ul

RT: 19.66 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

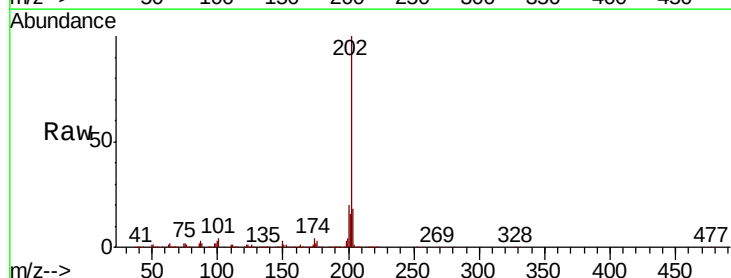
Tgt Ion:202 Resp: 1121206

Ion Ratio Lower Upper

202 100

101 3.7 3.0 4.6

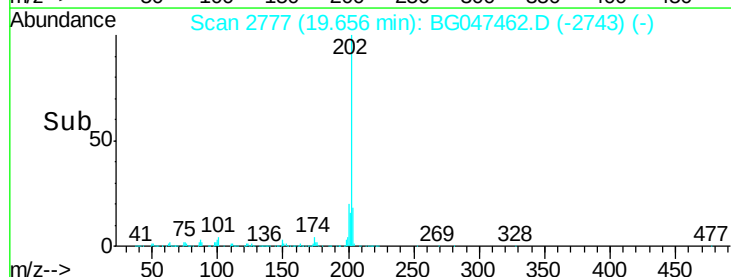
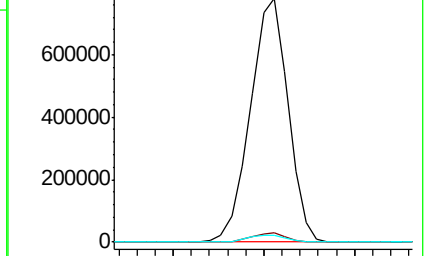
100 2.9 3.0 4.6#

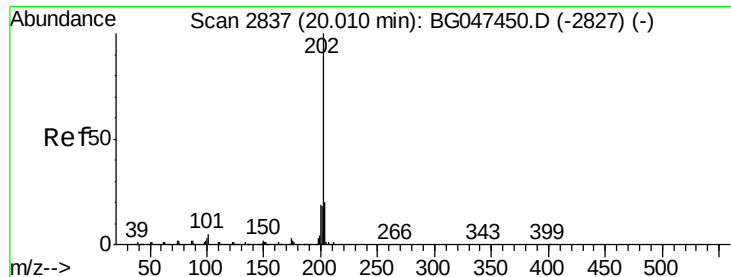


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 57.717 ng/ul

RT: 20.01 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

Instrument :

BNA_G

ClientSampleId :

C0B71DL

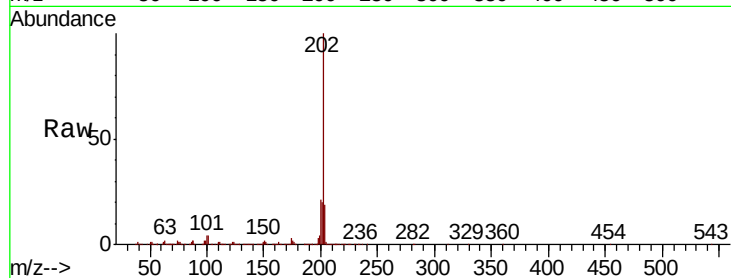
Tot Ion:202 Resp: 892186

Ion Ratio Lower Upper

202 100

101 4.0 3.5 5.3

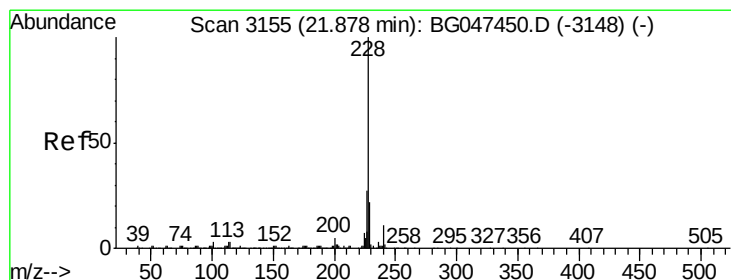
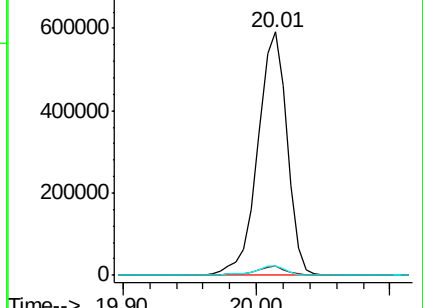
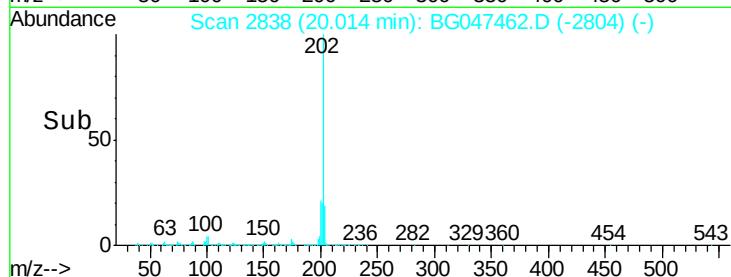
100 3.7 3.4 5.0



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): B



#83

Benzo(a)anthracene

Concen: 32.313 ng/ul

RT: 21.88 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

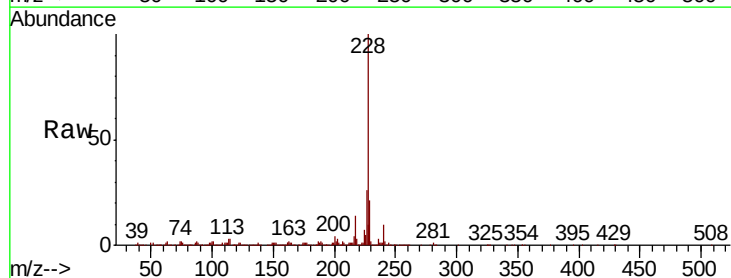
Tgt Ion:228 Resp: 501734

Ion Ratio Lower Upper

228 100

229 21.0 15.6 23.4

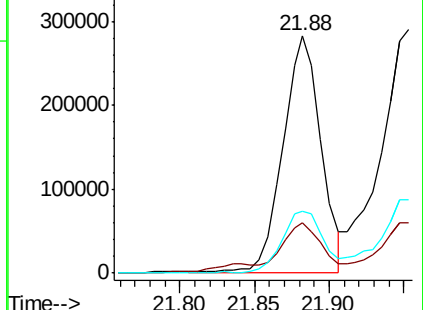
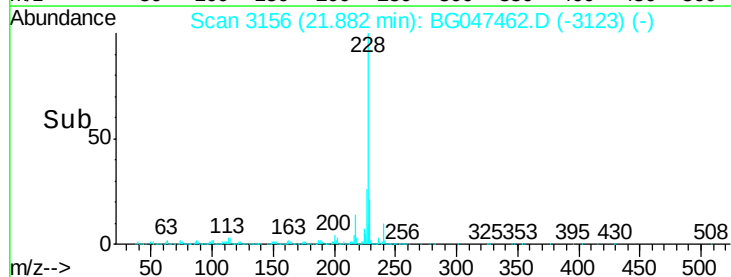
226 26.0 21.7 32.5

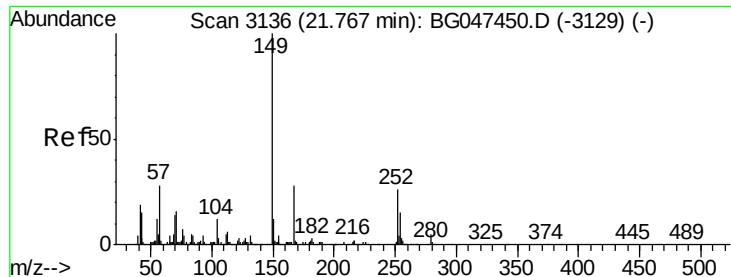


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.621 ng/ul

RT: 21.77 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

Instrument :

BNA_G

ClientSampleId :

C0B71DL

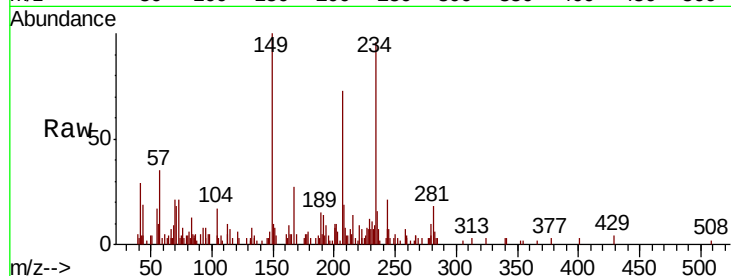
Tot Ion:149 Resp: 12264

Ion Ratio Lower Upper

149 100

167 27.4 23.4 35.2

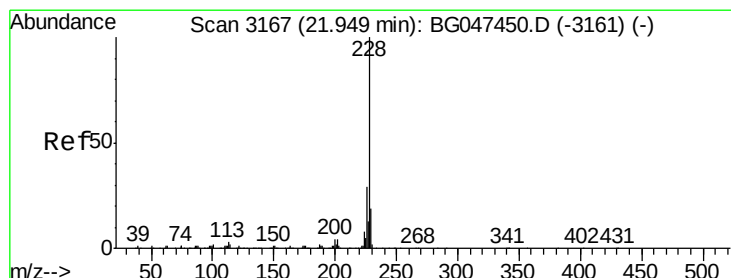
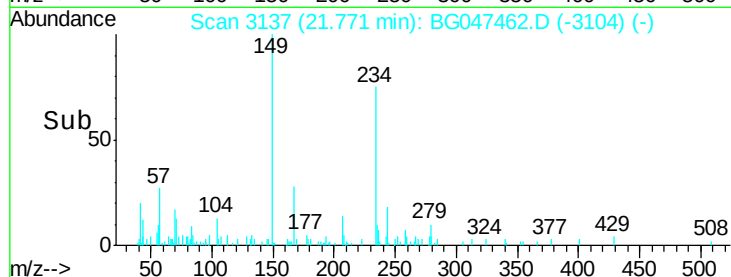
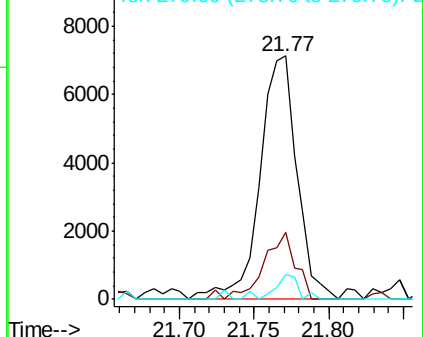
279 14.0 5.9 8.9#



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: 39.088 ng/ul

RT: 21.95 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

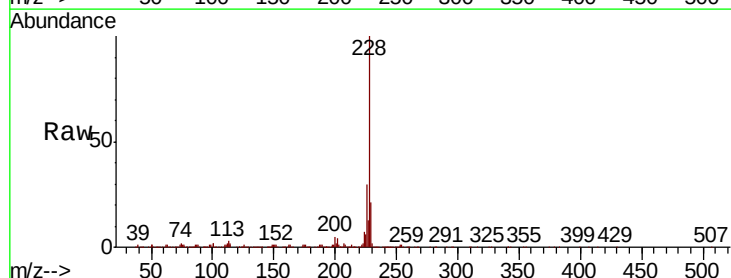
Tgt Ion:228 Resp: 577560

Ion Ratio Lower Upper

228 100

226 30.0 22.3 33.5

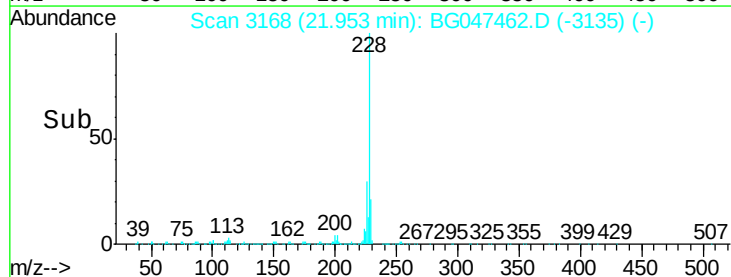
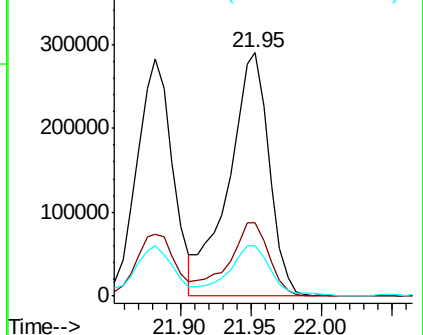
229 20.9 16.5 24.7

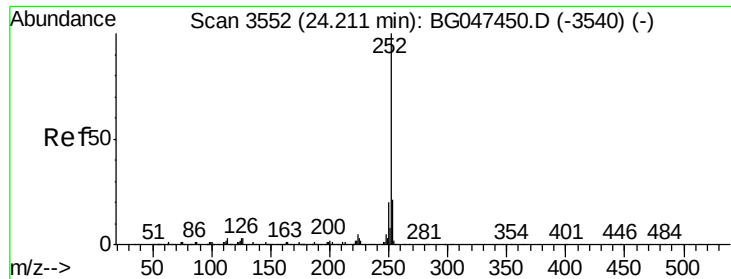


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 46.617 ng/ul

RT: 24.23 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

Instrument :

BNA_G

ClientSampleId :

C0B71DL

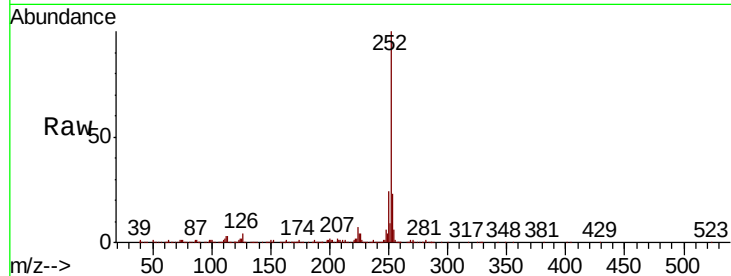
Tot Ion:252 Resp: 757030

Ion Ratio Lower Upper

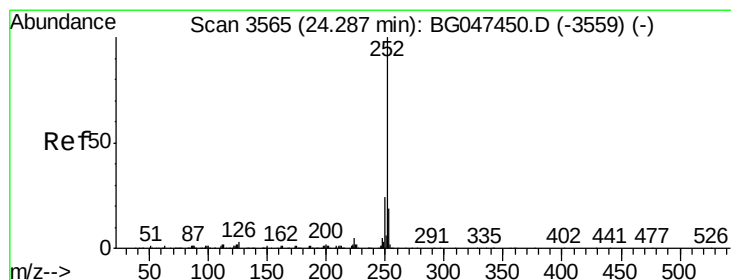
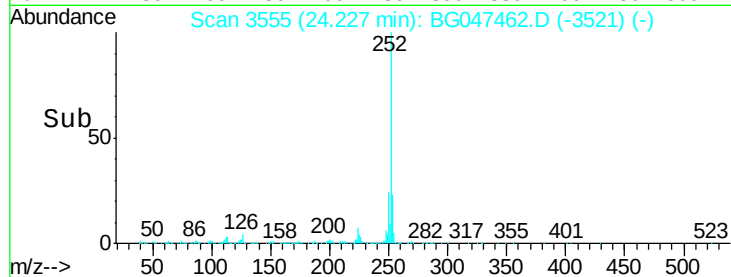
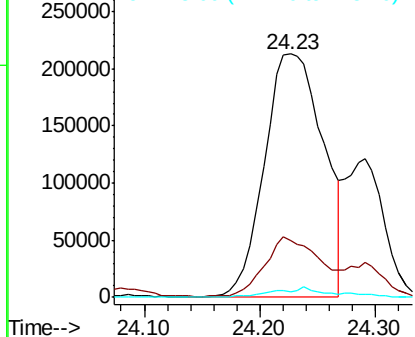
252 100

253 23.4 16.6 25.0

125 2.5 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



#89

Benzo(k)fluoranthene

Concen: 47.305 ng/ul

RT: 24.23 min Scan# 3555

Delta R.T. -0.07 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

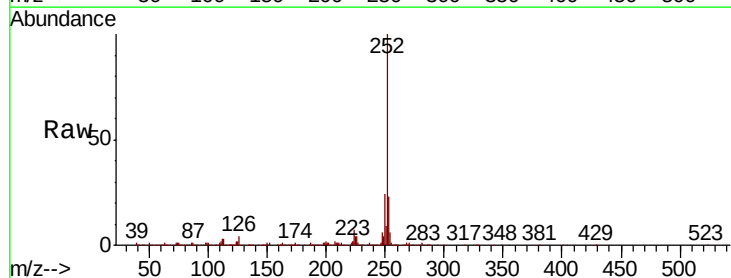
Tgt Ion:252 Resp: 757030

Ion Ratio Lower Upper

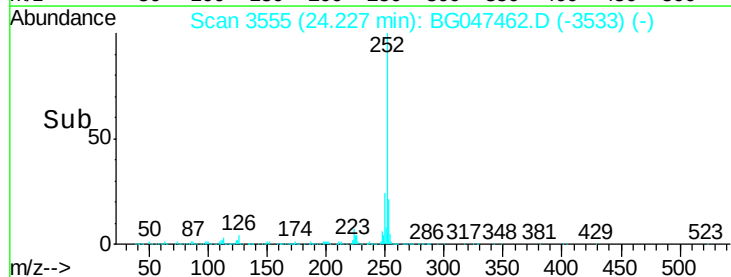
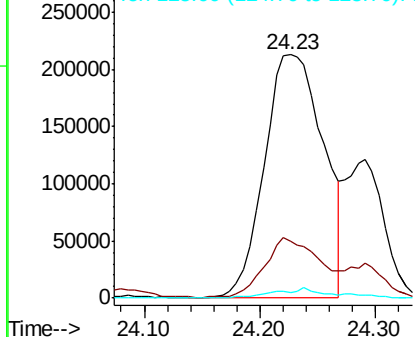
252 100

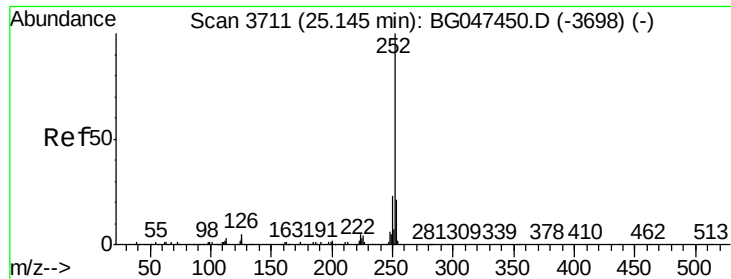
253 23.4 18.2 27.4

125 2.5 2.2 3.2



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: 23.976 ng/ul

RT: 24.99 min Scan# 3685

Delta R.T. -0.16 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

Instrument :

BNA_G

ClientSampleId :

C0B71DL

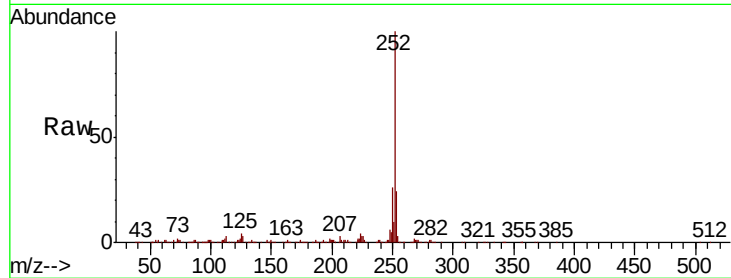
Tot Ion:252 Resp: 347086

Ion Ratio Lower Upper

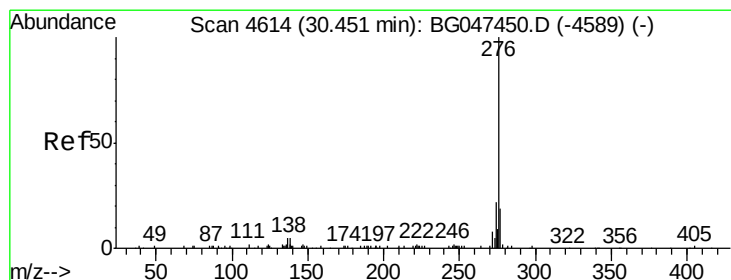
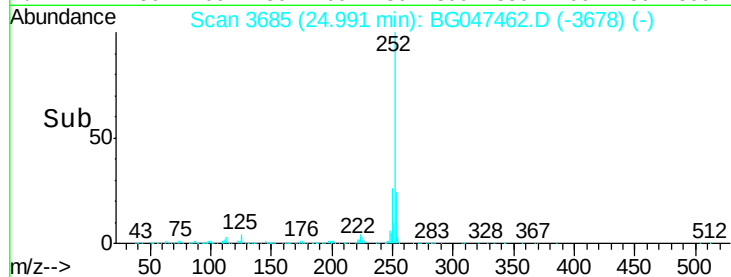
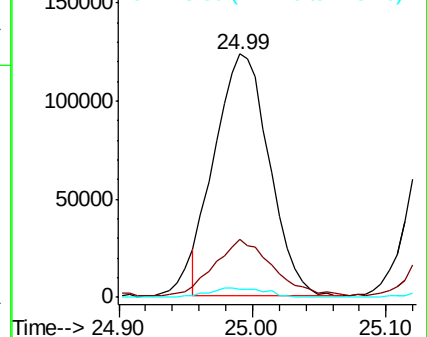
252 100

253 23.8 18.6 27.8

125 3.6 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



#94

Benzo(g,h,i)perylene

Concen: 17.104 ng/ul

RT: 30.45 min Scan# 4615

Delta R.T. 0.01 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

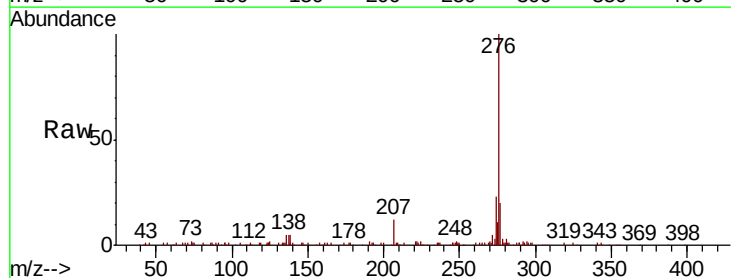
Tgt Ion:276 Resp: 248517

Ion Ratio Lower Upper

276 100

138 6.7 5.8 8.6

277 20.3 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

