

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
 Data File : BG046757.D
 Acq On : 3 Oct 2020 5:07
 Operator : CG/JU
 Sample : L4151-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7L2

Quant Time: Oct 03 06:12:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 03 03:57:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	70091	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	292782	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	219953	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	513230	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	506023	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	539162	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	6447	4.52	ng/uL	-0.01
5) Phenol-d5	7.25	99	132842	22.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	91454	24.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	102169	23.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	87588	18.67	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	54700	24.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	64313	28.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	116143	22.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	89578	14.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	437514	26.03	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	445937	22.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	72608	25.34	ng/ul	0.00
58) Fluorene-d10	15.72	176	372330	24.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	70314	27.42	ng/ul	0.00
71) Anthracene-d10	17.57	188	538646	22.88	ng/ul	0.00
79) Pyrene-d10	19.85	212	608214	23.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	592456	20.39	ng/ul	0.00

Target Compounds

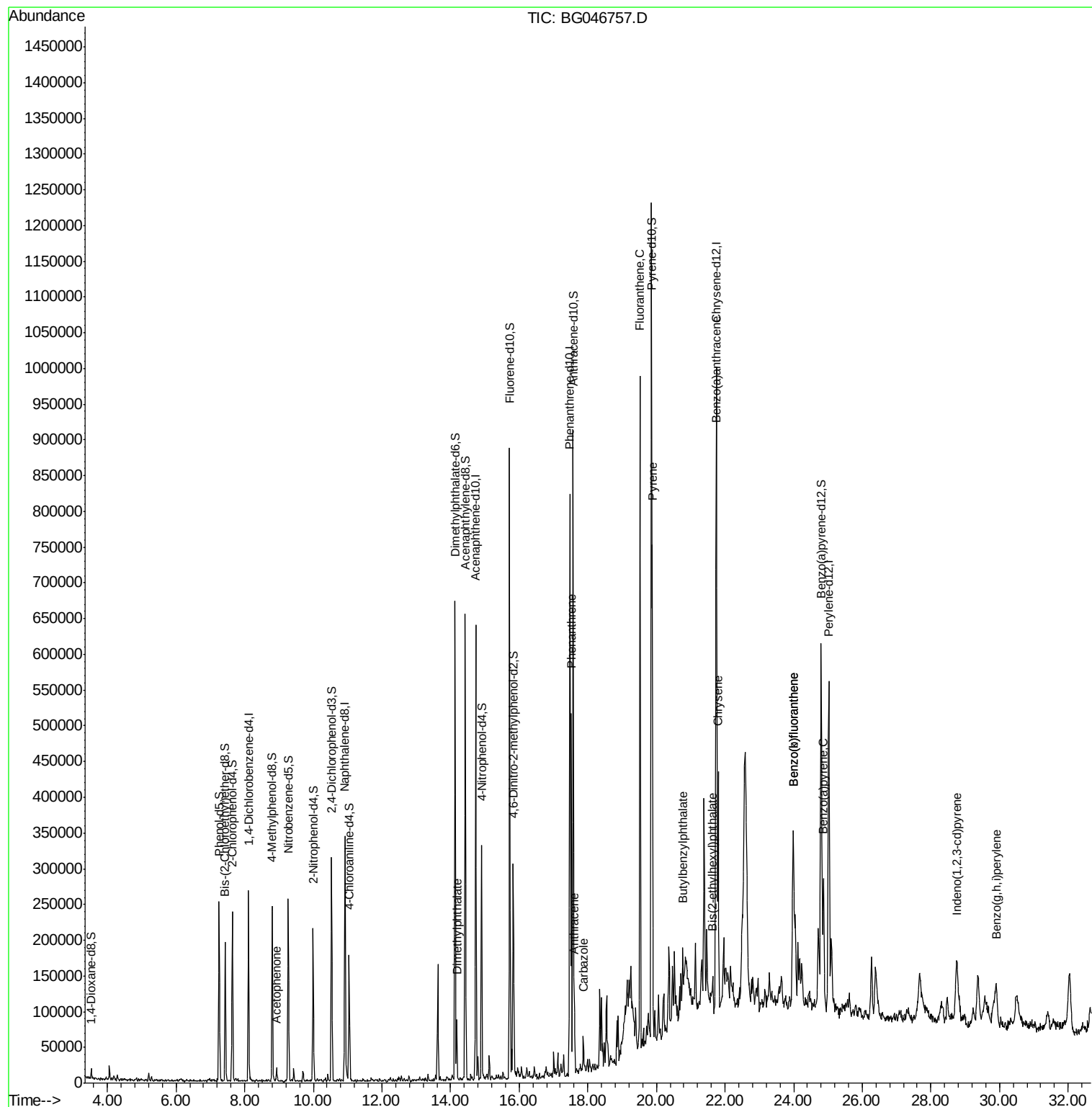
					Ovalue	
14) Acetophenone	8.93	105	10145	1.334	ng/ul#	88
45) Dimethylphthalate	14.18	163	51323	3.017	ng/ul	98
70) Phenanthrene	17.52	178	315932	11.260	ng/ul	98
72) Anthracene	17.61	178	60649	2.134	ng/ul	97
75) Carbazole	17.87	167	30247	1.335	ng/ul	94
77) Fluoranthene	19.52	202	562797	16.892	ng/ul	99
80) Pyrene	19.88	202	425952	13.096	ng/ul	98
81) Butylbenzylphthalate	20.77	149	18932	1.670	ng/ul#	89
83) Benzo(a)anthracene	21.73	228	291397	8.801	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.64	149	17138	1.017	ng/ul	96
85) Chrysene	21.80	228	253400	7.890	ng/ul	98
88) Benzo(b)fluoranthene	23.99	252	357528	10.052	ng/ul	95
89) Benzo(k)fluoranthene	23.99	252	357528	10.312	ng/ul	96
91) Benzo(a)pyrene	24.87	252	202123	6.221	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.75	276	148731	3.731	ng/ul	99
94) Benzo(g,h,i)perylene	29.91	276	104445	3.127	ng/ul	94

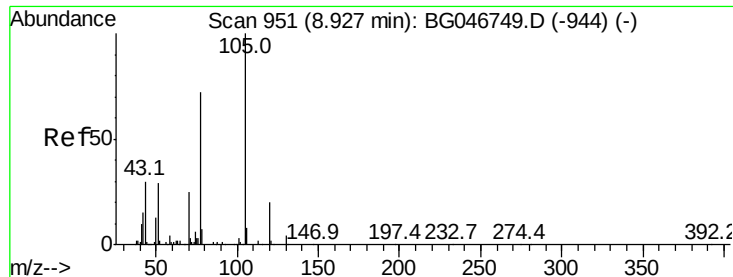
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 03:57:33 2020
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.334 ng/ul

RT: 8.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG046757.D

Acq: 3 Oct 2020 5:07

Instrument :

BNA_G

ClientSampleId :

CB7L2

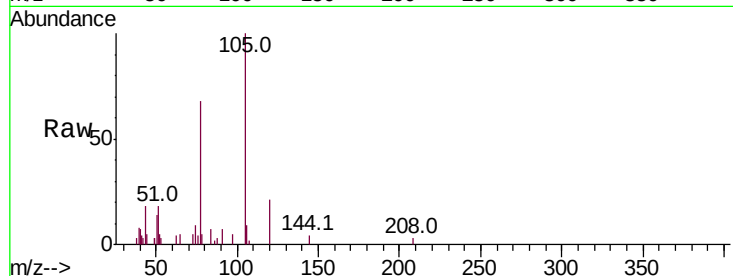
Tot Ion:105 Resp: 10145

Ion Ratio Lower Upper

105 100

77 68.5 60.4 90.6

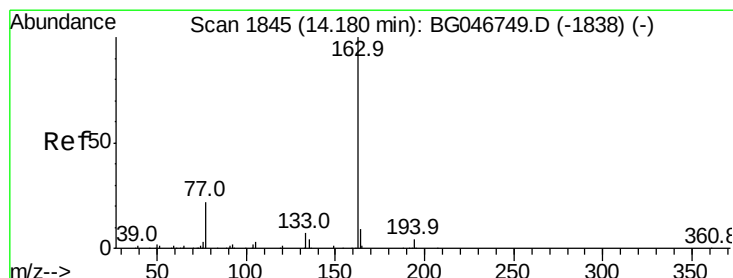
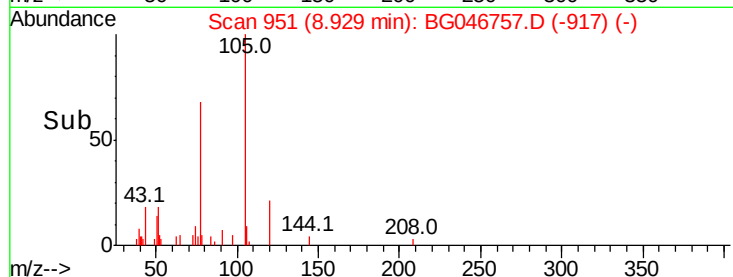
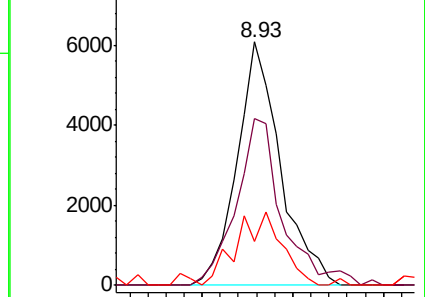
51 18.3 24.1 36.1#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG0

Ion 51.00 (50.70 to 51.70): BG0



#45

Dimethylphthalate

Concen: 3.017 ng/ul

RT: 14.18 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BG046757.D

Acq: 3 Oct 2020 5:07

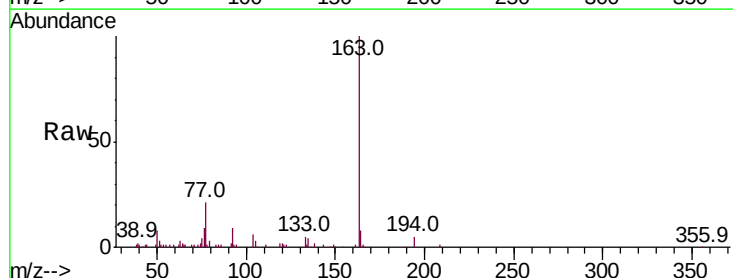
Tgt Ion:163 Resp: 51323

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

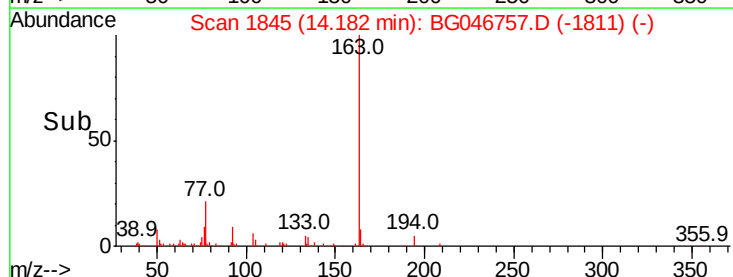
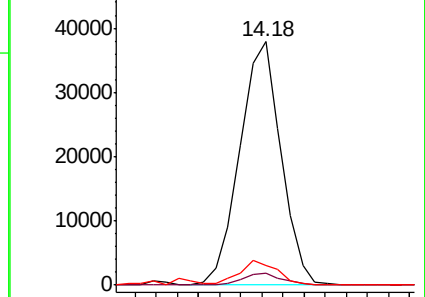
164 8.2 7.4 11.0

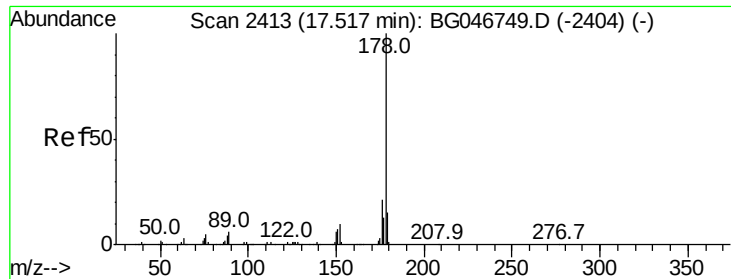


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

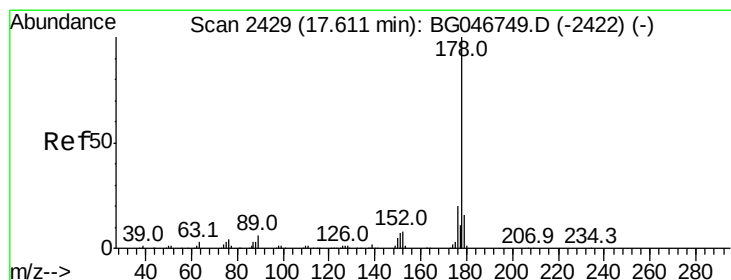
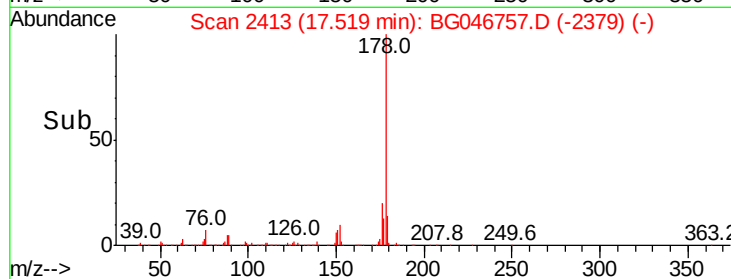
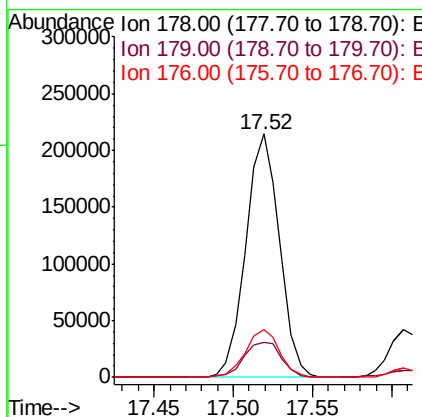
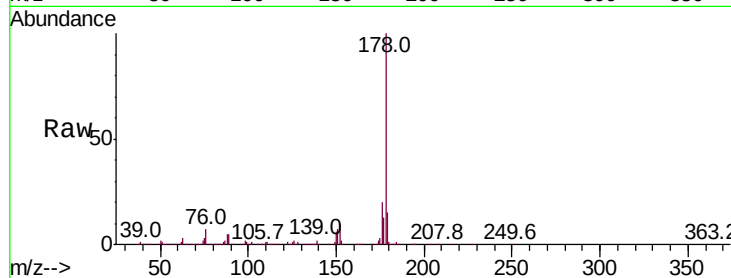




#70
Phenanthrene
Concen: 11.260 ng/ul
RT: 17.52 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

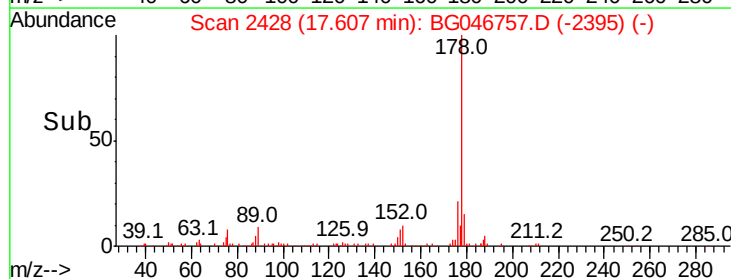
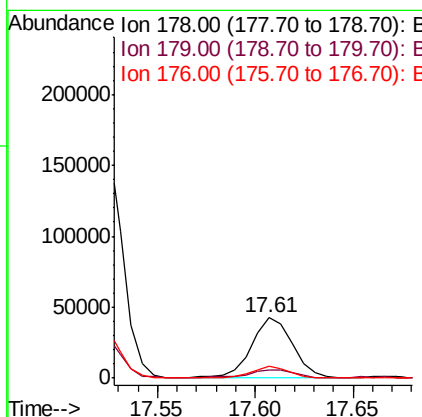
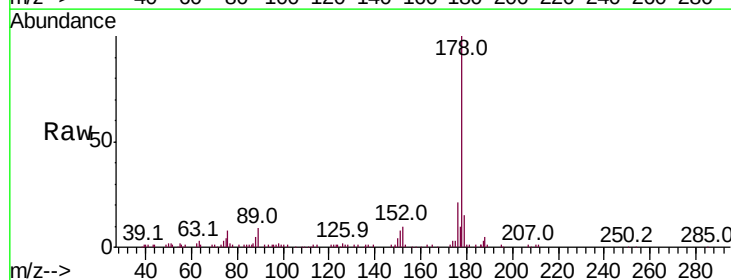
Instrument :
BNA_G
ClientSampleId :
CB7L2

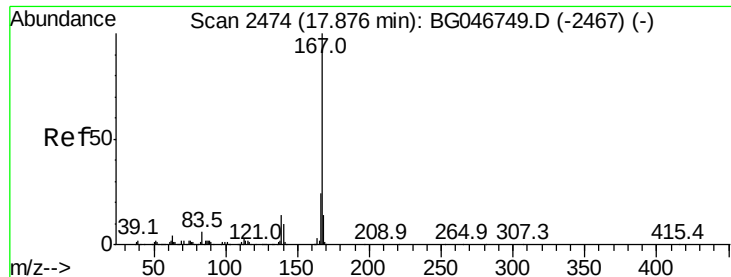
Tot Ion:178 Resp: 315932
Ion Ratio Lower Upper
178 100
179 14.5 12.6 18.8
176 19.7 15.4 23.2



#72
Anthracene
Concen: 2.134 ng/ul
RT: 17.61 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

Tgt Ion:178 Resp: 60649
Ion Ratio Lower Upper
178 100
179 14.5 11.9 17.9
176 20.8 15.2 22.8





#75

Carbazole

Concen: 1.335 ng/ul

RT: 17.87 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BG046757.D

Acq: 3 Oct 2020 5:07

Instrument :

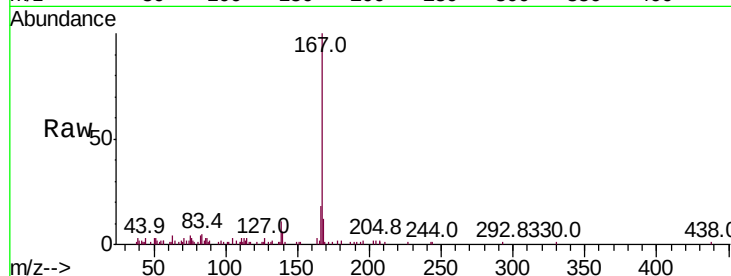
BNA_G

ClientSampleId :

CB7L2

Tot Ion:167 Resp: 30247

Ion	Ratio	Lower	Upper
167	100		
166	18.3	17.5	26.3
139	10.7	9.8	14.6

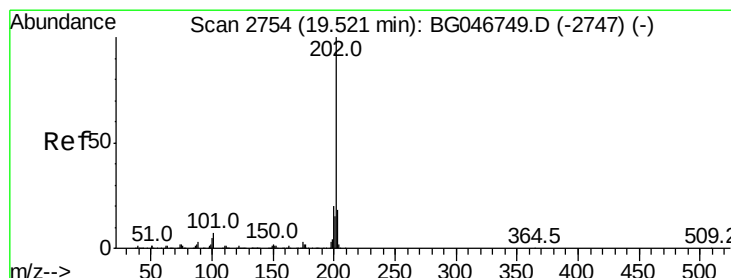
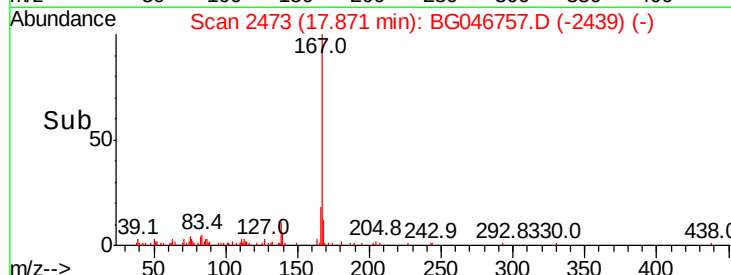
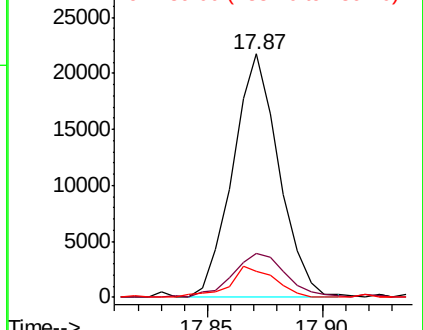


Abundance

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: 16.892 ng/ul

RT: 19.52 min Scan# 2754

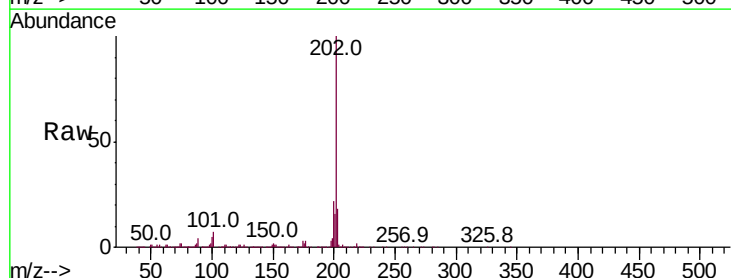
Delta R.T. -0.00 min

Lab File: BG046757.D

Acq: 3 Oct 2020 5:07

Tgt Ion:202 Resp: 562797

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.8	8.6
100	5.4	4.5	6.7

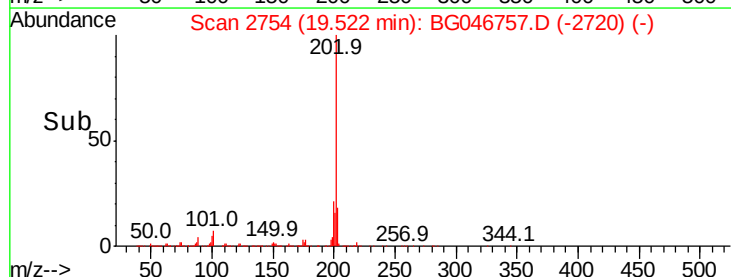
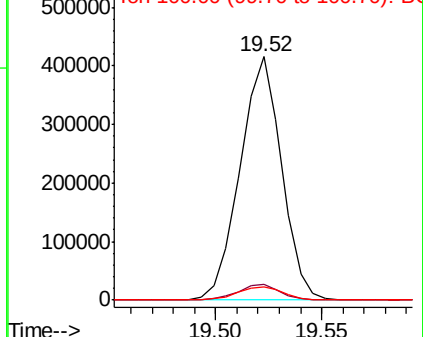


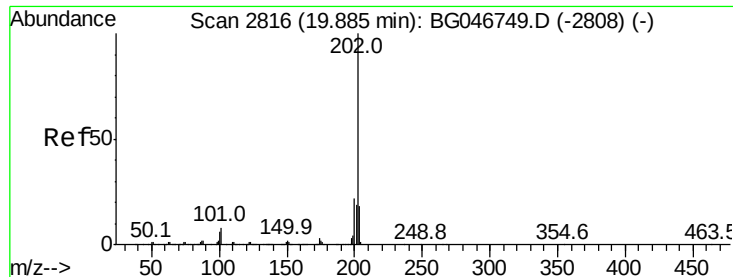
Abundance

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

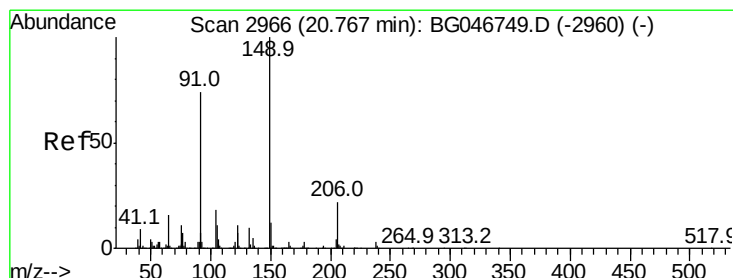
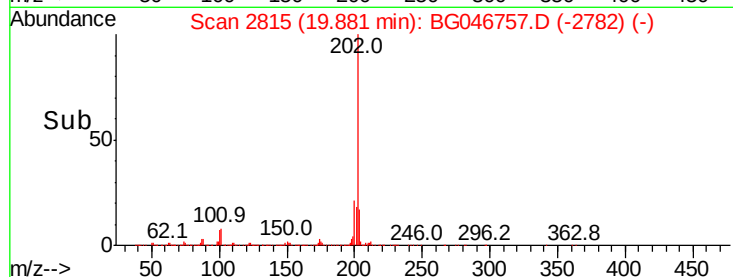
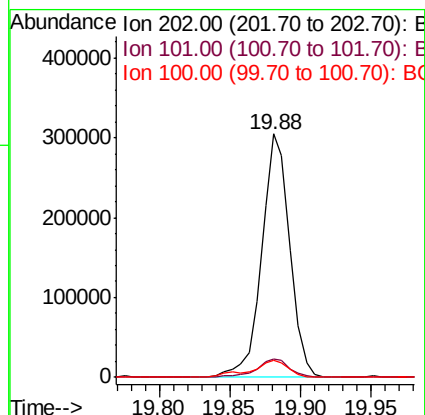
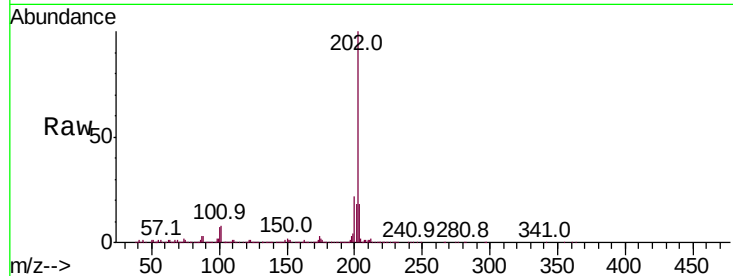




#80
Pvrene
Concen: 13.096 ng/ul
RT: 19.88 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

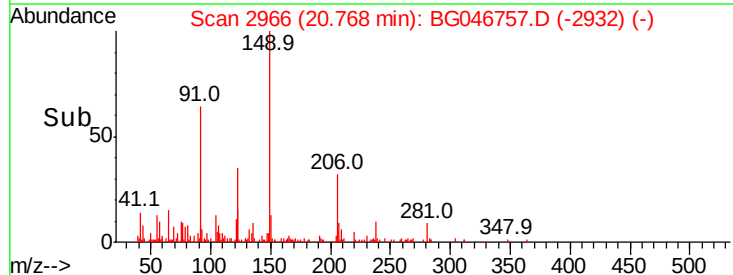
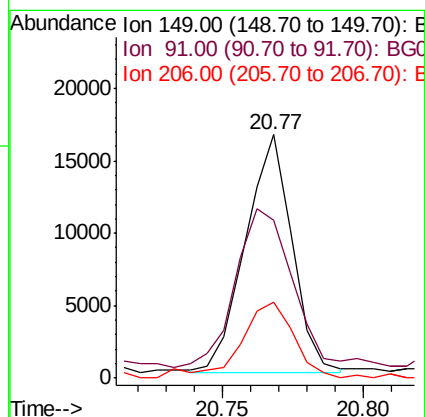
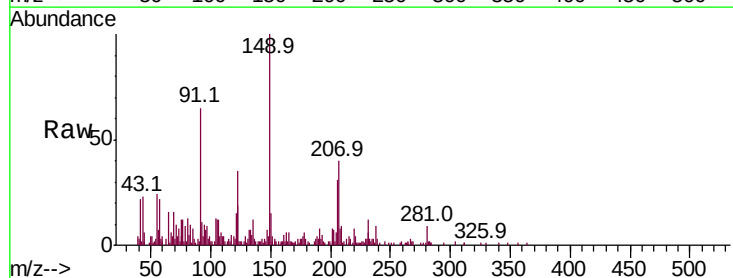
Instrument :
BNA_G
ClientSampleId :
CB7L2

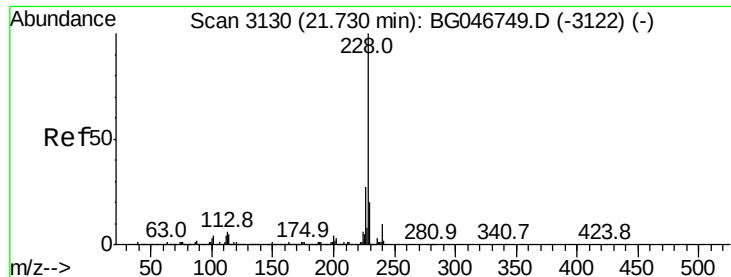
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.0	10.4
100	7.0	6.0	9.0



#81
Butylbenzylphthalate
Concen: 1.670 ng/ul
RT: 20.77 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.0	59.0	88.4
206	31.1	19.2	28.8





#83

Benzo(a)anthracene

Concen: 8.801 ng/ul

RT: 21.73 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BG046757.D

Acq: 3 Oct 2020 5:07

Instrument :

BNA_G

ClientSampleId :

CB7L2

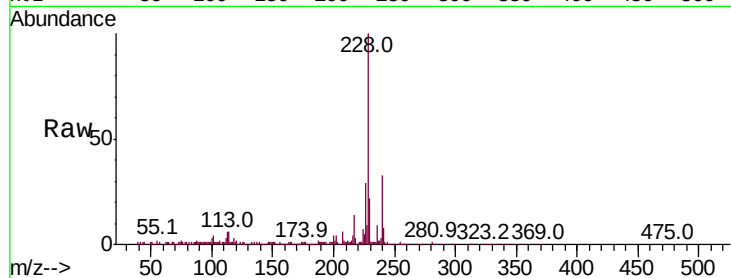
Tot Ion:228 Resp: 291397

Ion Ratio Lower Upper

228 100

229 21.5 16.5 24.7

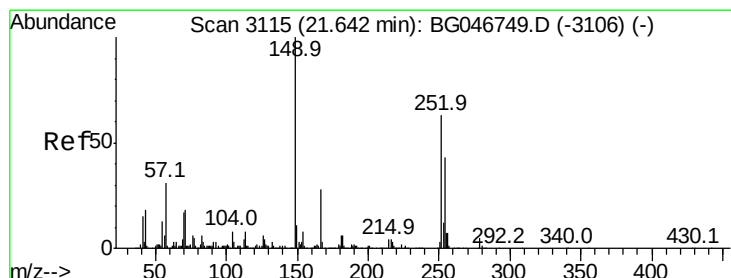
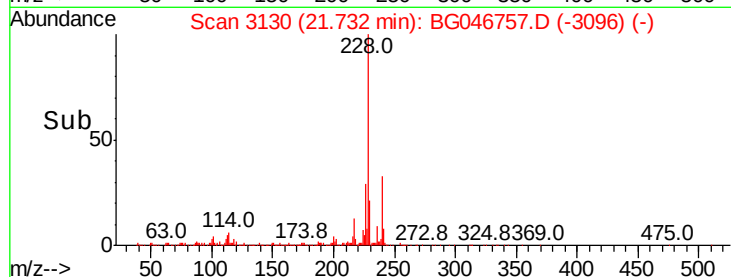
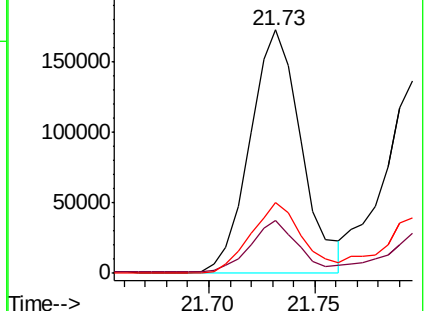
226 28.9 21.6 32.4



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: 1.017 ng/ul

RT: 21.64 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BG046757.D

Acq: 3 Oct 2020 5:07

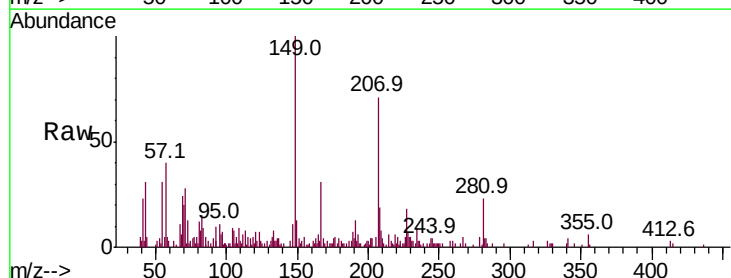
Tgt Ion:149 Resp: 17138

Ion Ratio Lower Upper

149 100

167 30.8 22.7 34.1

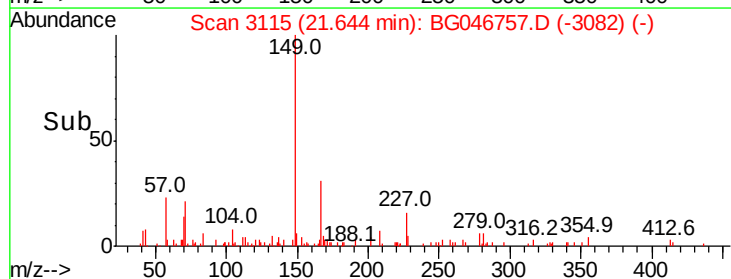
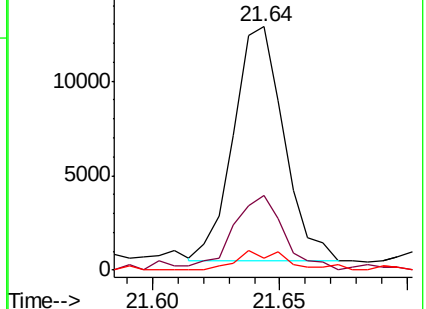
279 5.1 4.2 6.2

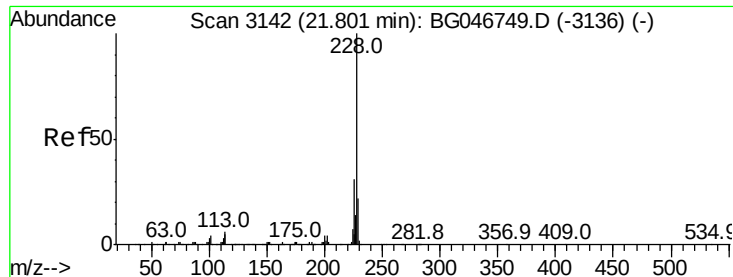


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

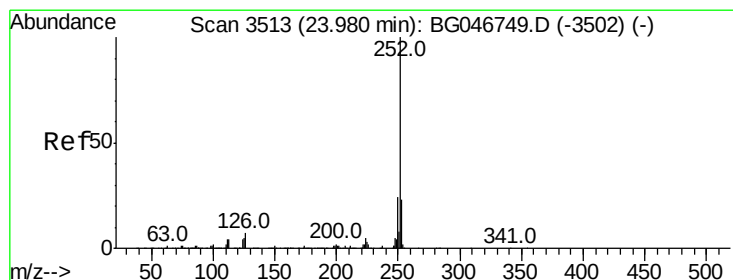
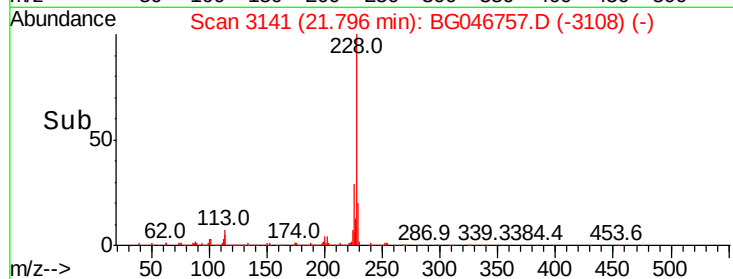
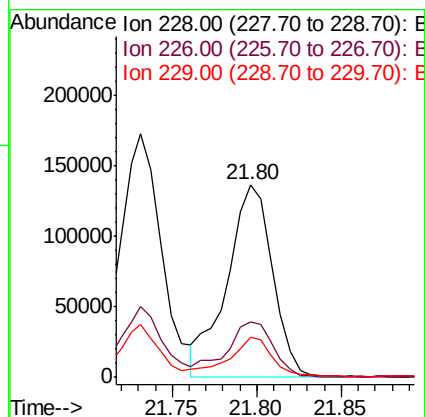
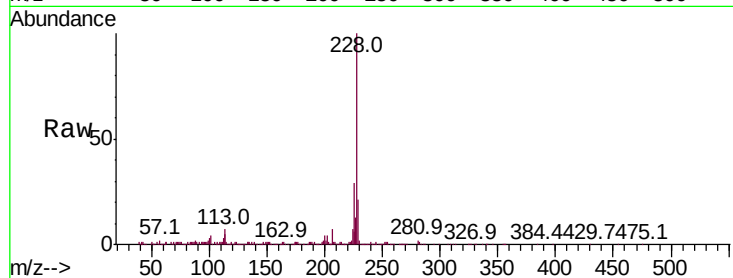




#85
 Chrysene
 Concen: 7.890 ng/ul
 RT: 21.80 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG046757.D
 Acq: 3 Oct 2020 5:07

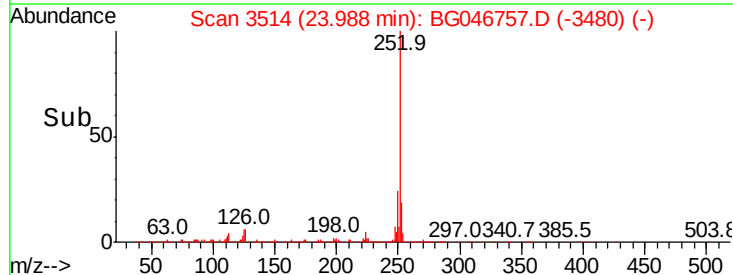
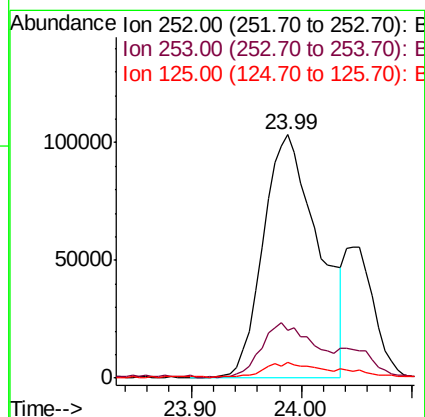
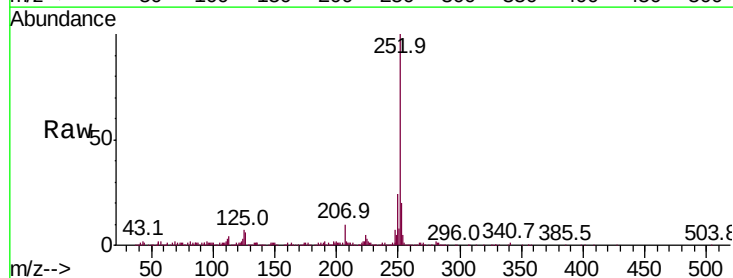
Instrument :
 BNA_G
 ClientSampleId :
 CB7L2

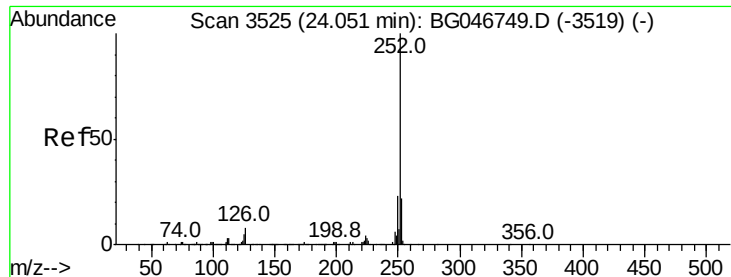
Tot Ion:228	Resp:	253400
Ion	Ratio	Lower Upper
228	100	
226	29.1	24.3 36.5
229	20.5	15.8 23.8



#88
 Benzo(b)fluoranthene
 Concen: 10.052 ng/ul
 RT: 23.99 min Scan# 3514
 Delta R.T. -0.00 min
 Lab File: BG046757.D
 Acq: 3 Oct 2020 5:07

Tgt Ion:252	Resp:	357528
Ion	Ratio	Lower Upper
252	100	
253	19.8	17.9 26.9
125	6.6	5.0 7.4





#89

Benzo(k)fluoranthene

Concen: 10.312 ng/ul

RT: 23.99 min Scan# 3514

Delta R.T. -0.07 min

Lab File: BG046757.D

Acq: 3 Oct 2020 5:07

Instrument :

BNA_G

ClientSampleId :

CB7L2

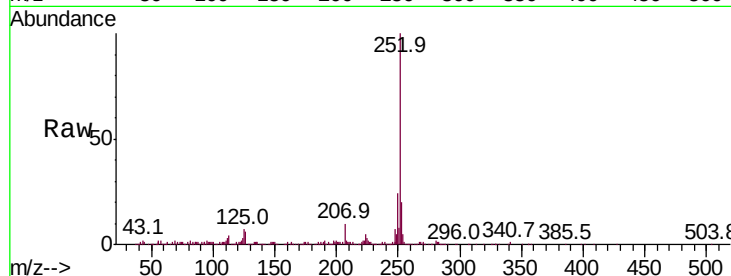
Tot Ion:252 Resp: 357528

Ion Ratio Lower Upper

252 100

253 19.8 17.7 26.5

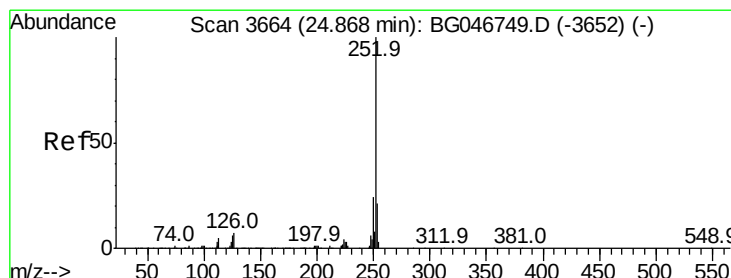
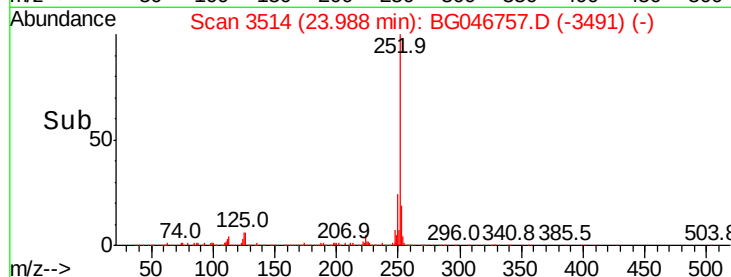
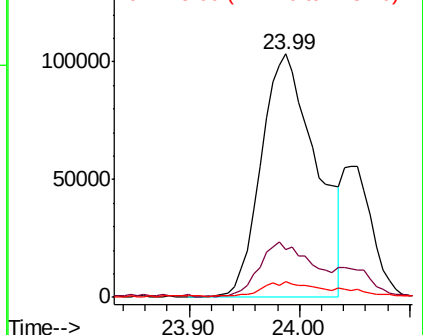
125 6.6 4.8 7.2



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: 6.221 ng/ul

RT: 24.87 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BG046757.D

Acq: 3 Oct 2020 5:07

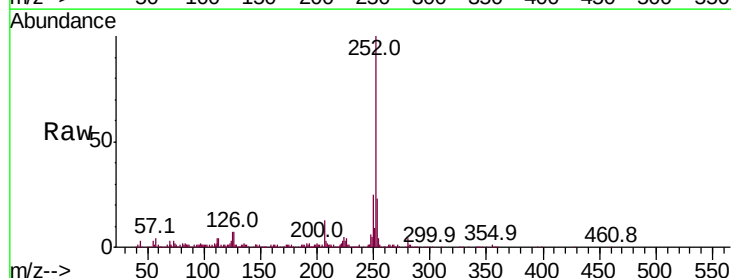
Tgt Ion:252 Resp: 202123

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

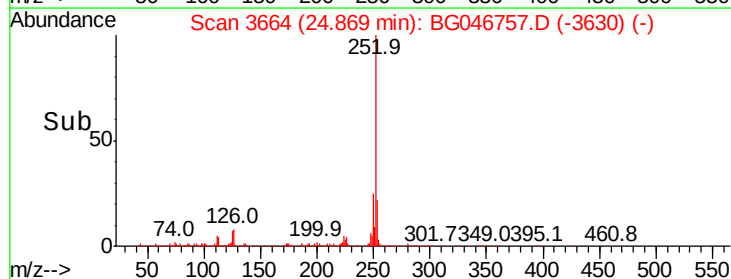
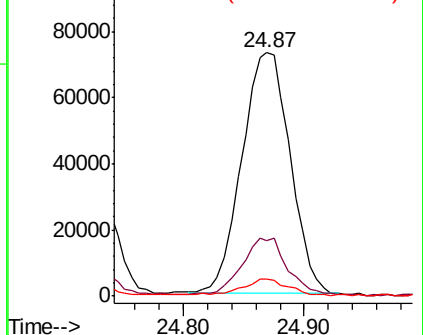
125 7.1 5.4 8.2

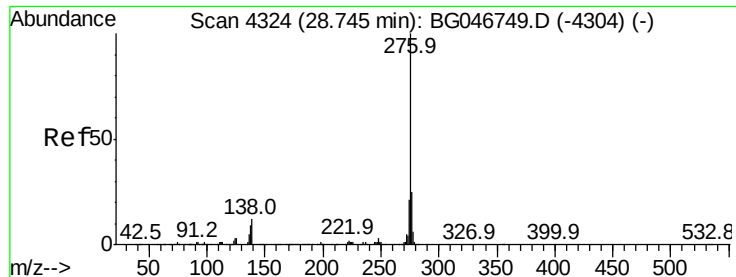


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



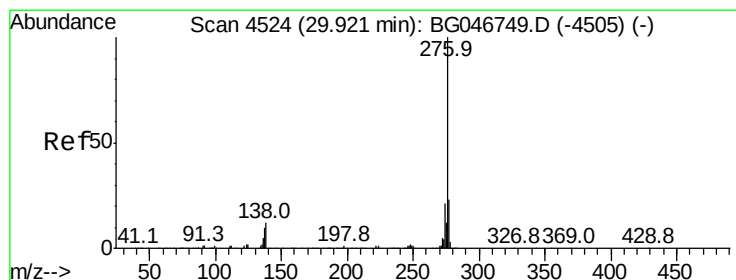
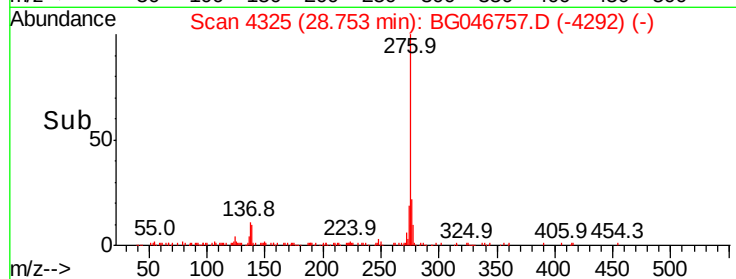
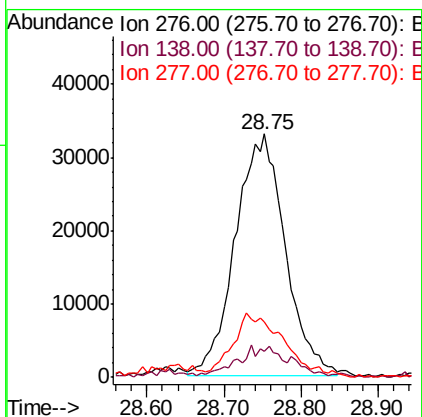
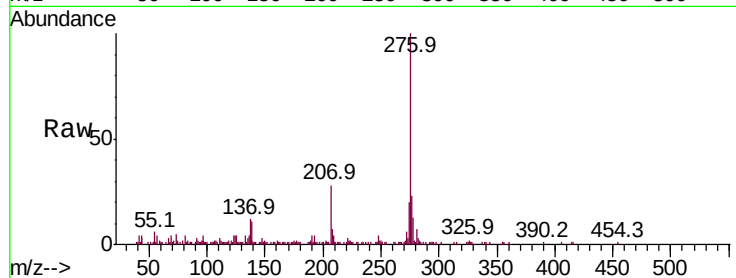


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.731 ng/ul
RT: 28.75 min Scan# 4325
Delta R.T. -0.01 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

Instrument :
BNA_G
ClientSampleId :
CB7L2

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.9	9.7	14.5
277	23.0	18.2	27.4



#94

Benzo(g,h,i)perylene
Concen: 3.127 ng/ul
RT: 29.91 min Scan# 4522
Delta R.T. -0.02 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.6	10.2	15.4
277	27.3	19.0	28.6

