

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
 Data File : BG046774.D
 Acq On : 3 Oct 2020 16:30
 Operator : CG/JU
 Sample : L4150-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7J3

Quant Time: Oct 05 01:00:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 00:58:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	69919	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	296181	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	218130	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	520283	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	521201	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	520886	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5424	3.81	ng/uL	0.00
5) Phenol-d5	7.26	99	136885	22.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	78150	21.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	99536	22.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	103158	22.04	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	51695	23.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	58371	25.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	111980	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	107211	17.02	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	380260	22.82	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	434314	21.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	67584	23.78	ng/ul	0.00
58) Fluorene-d10	15.73	176	338419	22.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	56028	21.55	ng/ul	0.00
71) Anthracene-d10	17.58	188	530627	22.23	ng/ul	0.00
79) Pyrene-d10	19.86	212	642864	23.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	630668	22.46	ng/ul	0.00

Target Compounds

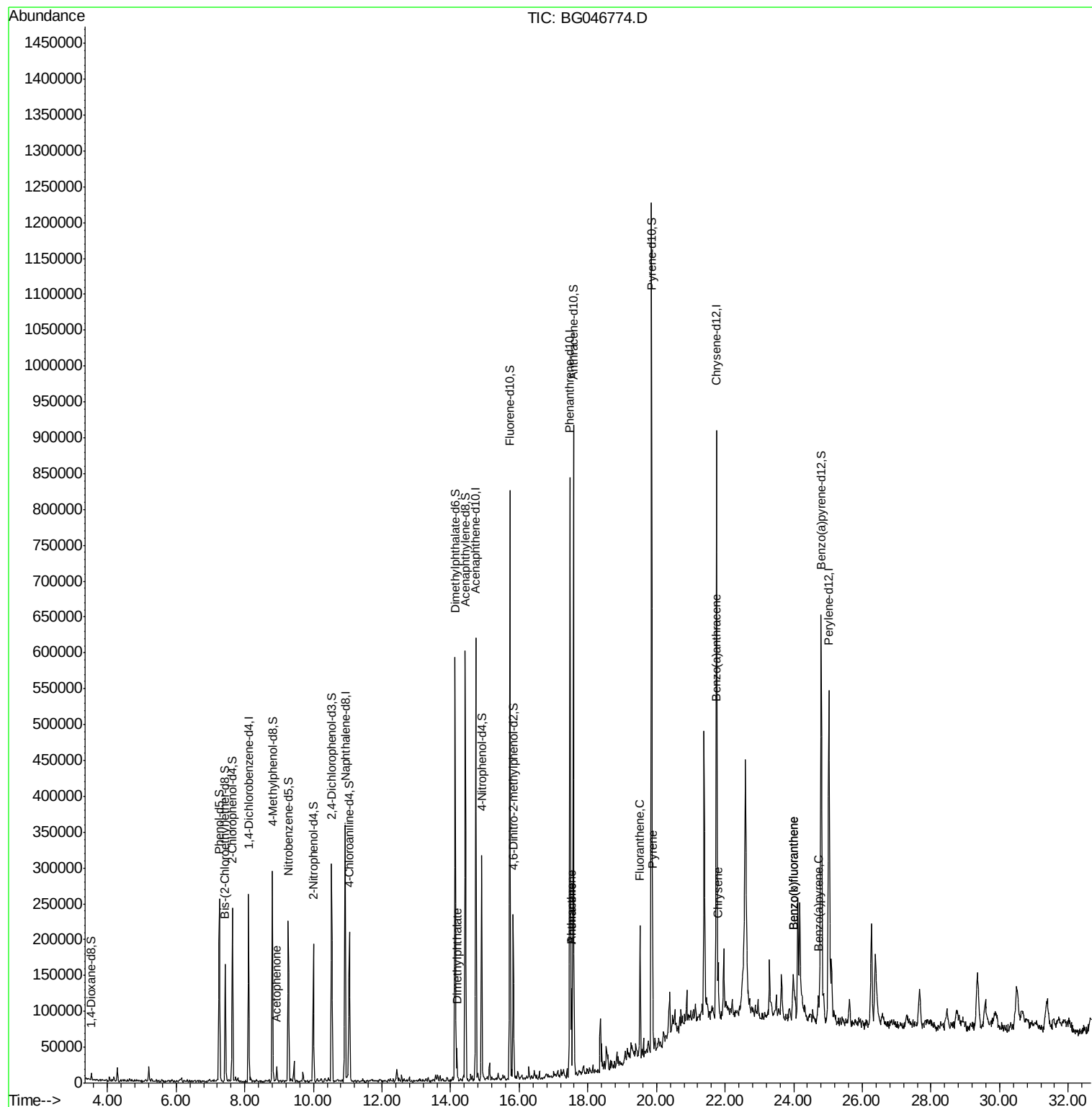
				Ovalue	
14) Acetophenone	8.93	105	10658	1.405	ng/ul 96
45) Dimethylphthalate	14.18	163	28465	1.687	ng/ul# 97
70) Phenanthrene	17.52	178	76334	2.684	ng/ul 98
72) Anthracene	17.52	178	76334	2.649	ng/ul 97
77) Fluoranthene	19.52	202	108345	3.208	ng/ul 98
80) Pyrene	19.88	202	101075	3.017	ng/ul 99
83) Benzo(a)anthracene	21.73	228	58537	1.716	ng/ul 98
85) Chrysene	21.79	228	46137	1.395	ng/ul 98
88) Benzo(b)fluoranthene	23.99	252	73743	2.146	ng/ul 98
89) Benzo(k)fluoranthene	23.99	252	73743	2.202	ng/ul 97
91) Benzo(a)pyrene	24.72	252	33256	1.060	ng/ul 96

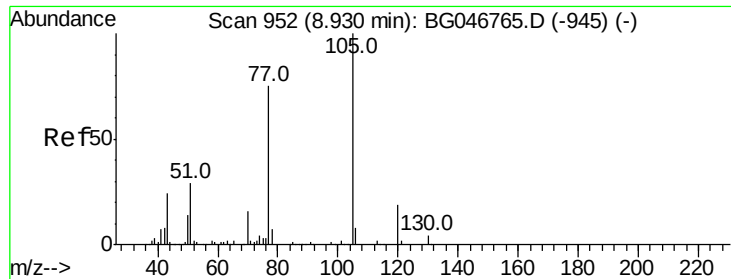
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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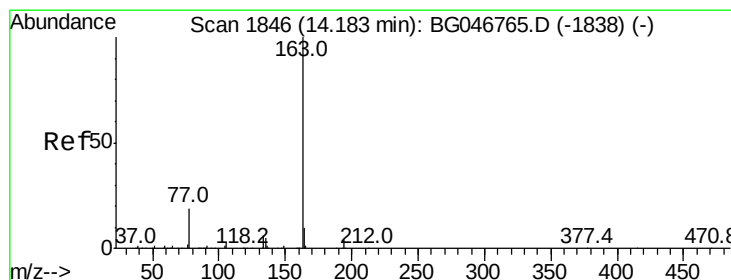
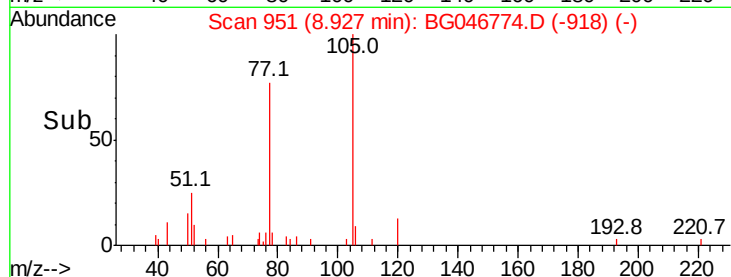
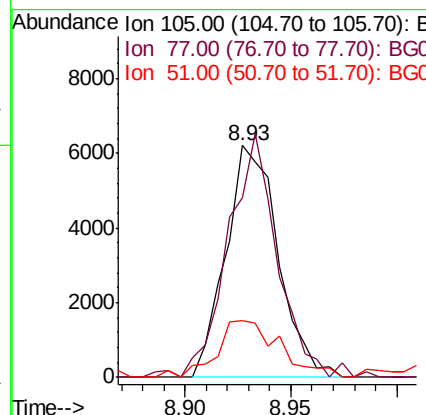
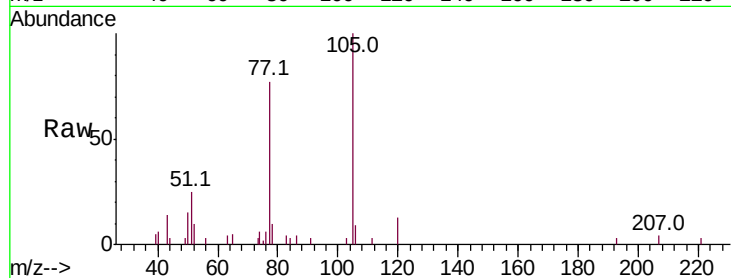




#14
Acetophenone
Concen: 1.405 ng/ul
RT: 8.93 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG046774.D
Acq: 3 Oct 2020 16:30

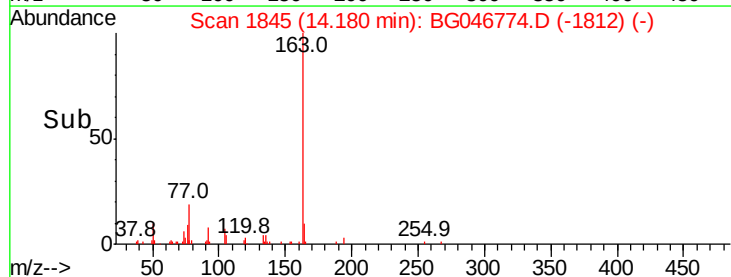
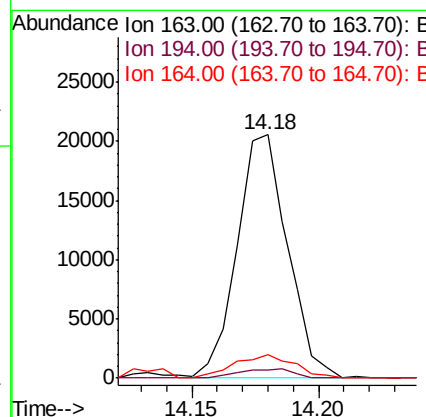
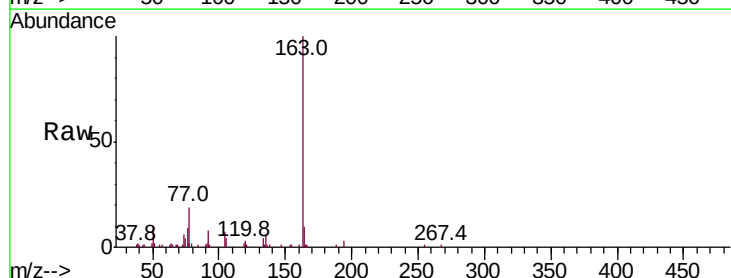
Instrument :
BNA_G
ClientSampleId :
CB7J3

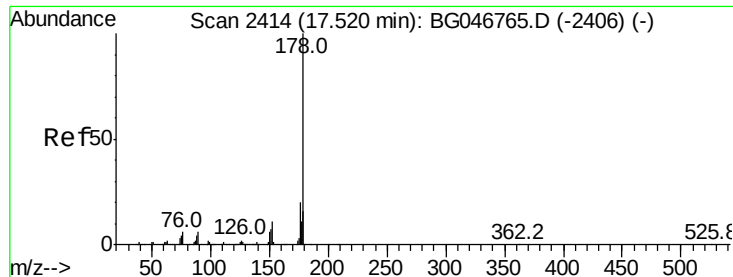
Tot Ion:105 Resp: 10658
Ion Ratio Lower Upper
105 100
77 77.2 60.4 90.6
51 24.7 24.1 36.1



#45
Dimethylphthalate
Concen: 1.687 ng/ul
RT: 14.18 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BG046774.D
Acq: 3 Oct 2020 16:30

Tgt Ion:163 Resp: 28465
Ion Ratio Lower Upper
163 100
194 3.1 3.6 5.4#
164 9.8 7.4 11.0





#70

Phenanthrene

Concen: 2.684 ng/ul

RT: 17.52 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG046774.D

Acq: 3 Oct 2020 16:30

Instrument :

BNA_G

ClientSampleId :

CB7J3

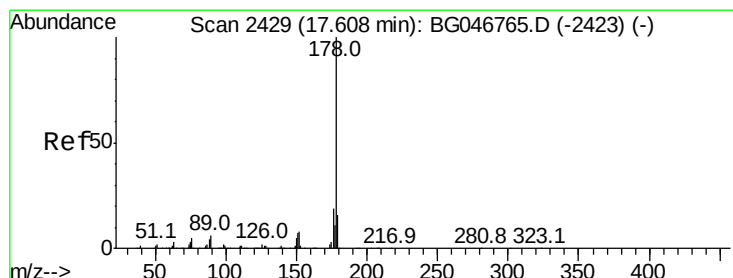
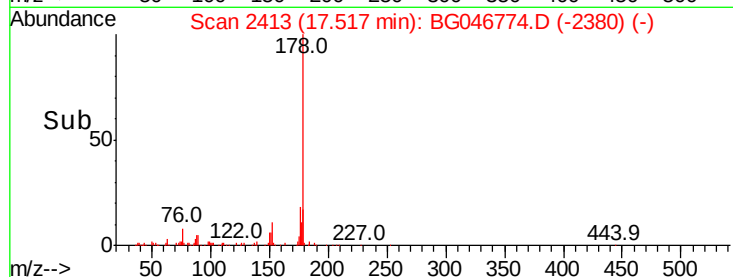
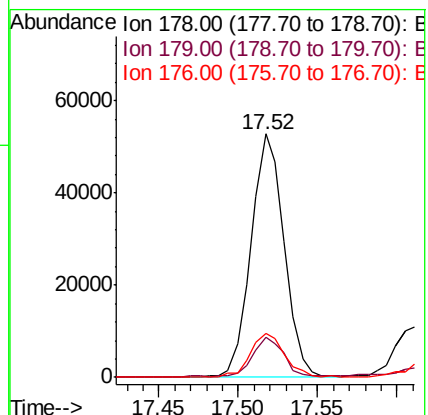
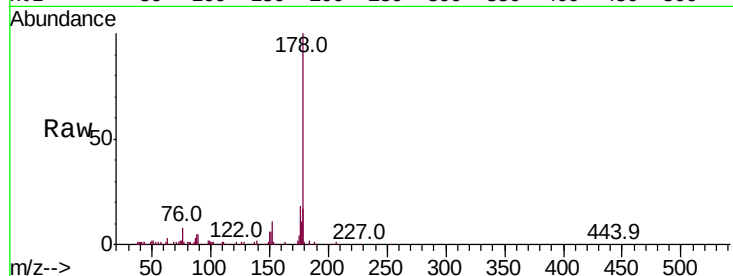
Tot Ion:178 Resp: 76334

Ion Ratio Lower Upper

178 100

179 16.7 12.6 18.8

176 18.1 15.4 23.2



#72

Anthracene

Concen: 2.649 ng/ul

RT: 17.52 min Scan# 2413

Delta R.T. -0.09 min

Lab File: BG046774.D

Acq: 3 Oct 2020 16:30

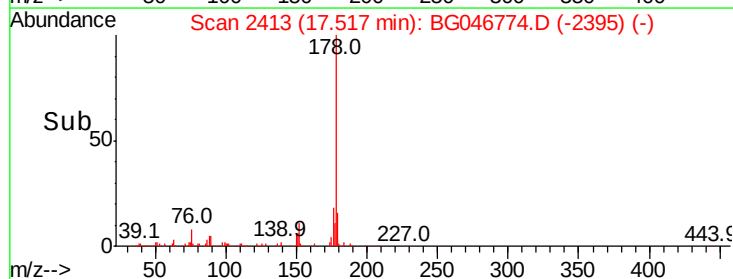
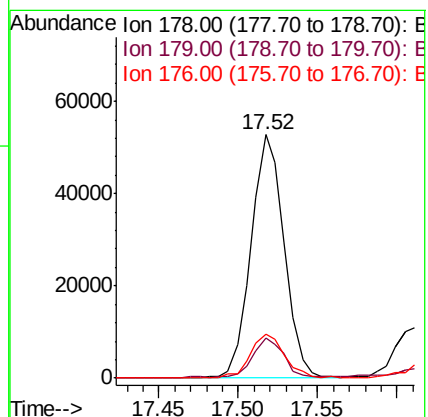
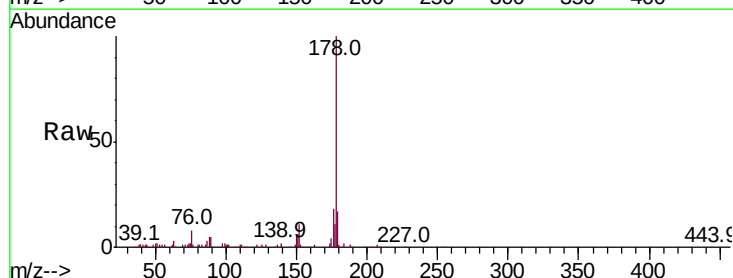
Tgt Ion:178 Resp: 76334

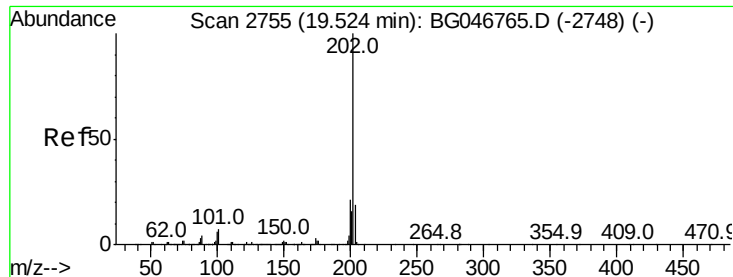
Ion Ratio Lower Upper

178 100

179 16.7 11.9 17.9

176 18.1 15.2 22.8





#77

Fluoranthene

Concen: 3.208 ng/ul

RT: 19.52 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BG046774.D

Acq: 3 Oct 2020 16:30

Instrument :

BNA_G

ClientSampled :

CB7J3

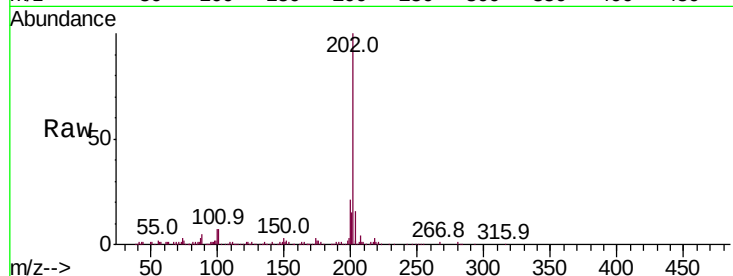
Tot Ion:202 Resp: 108345

Ion Ratio Lower Upper

202 100

101 6.6 5.8 8.6

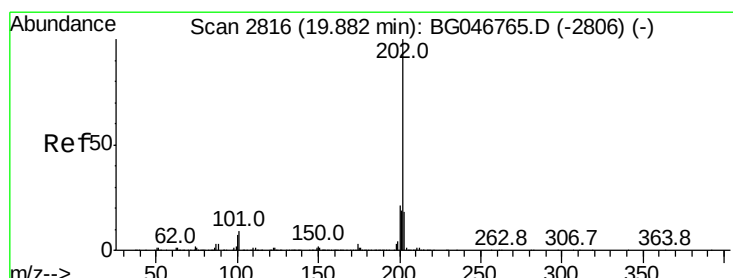
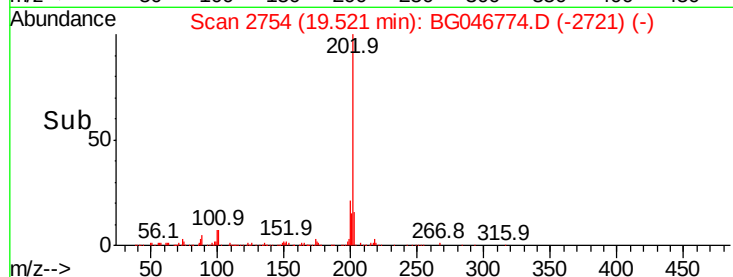
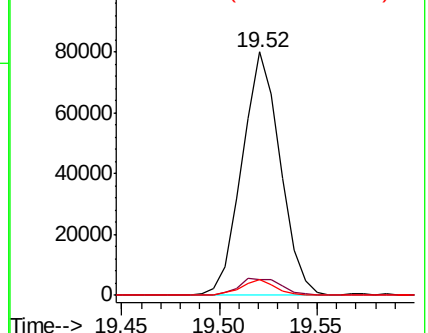
100 6.6 4.5 6.7



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

Pyrene

Concen: 3.017 ng/ul

RT: 19.88 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG046774.D

Acq: 3 Oct 2020 16:30

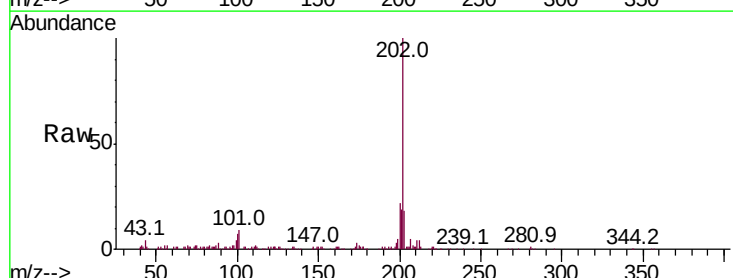
Tgt Ion:202 Resp: 101075

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.4

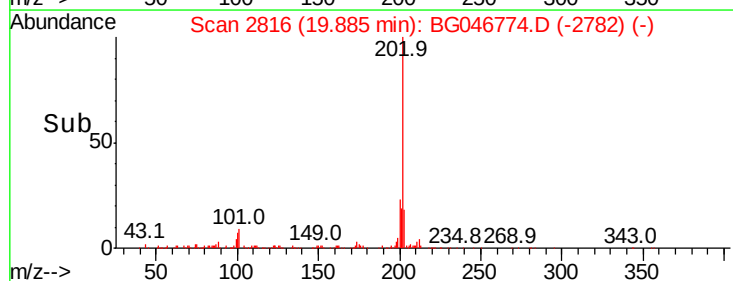
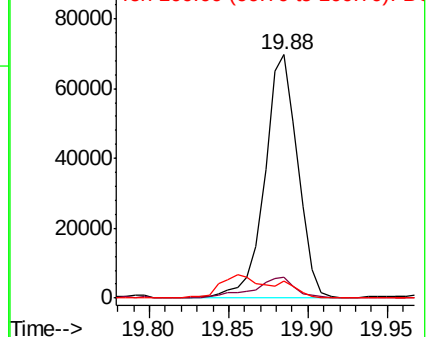
100 6.8 6.0 9.0

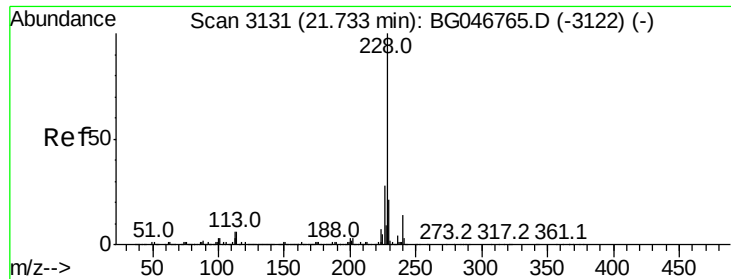


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

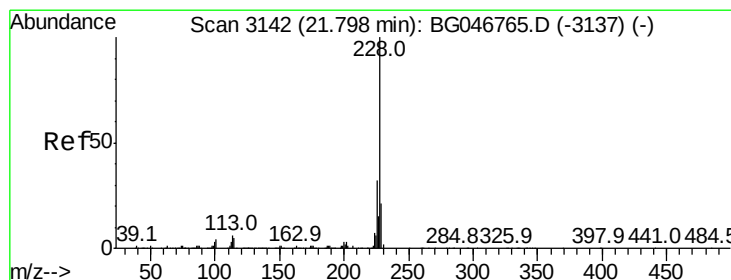
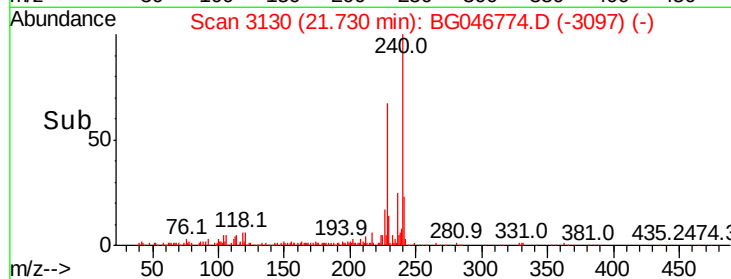
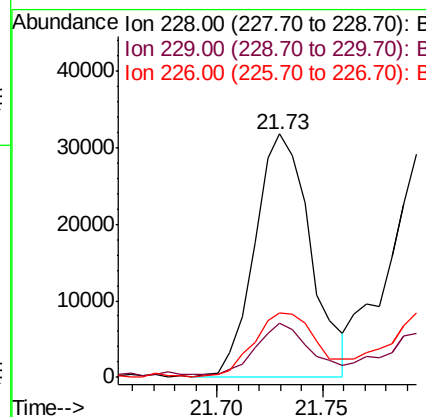
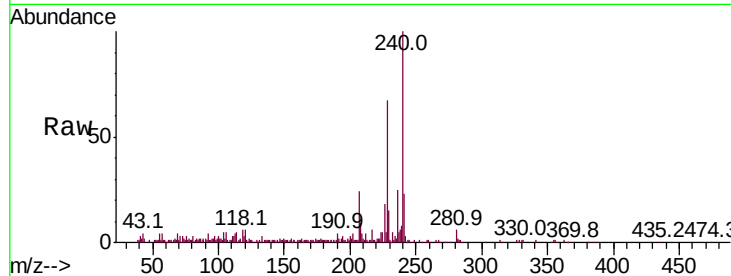




#83
Benzo(a)anthracene
Concen: 1.716 ng/ul
RT: 21.73 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG046774.D
Acq: 3 Oct 2020 16:30

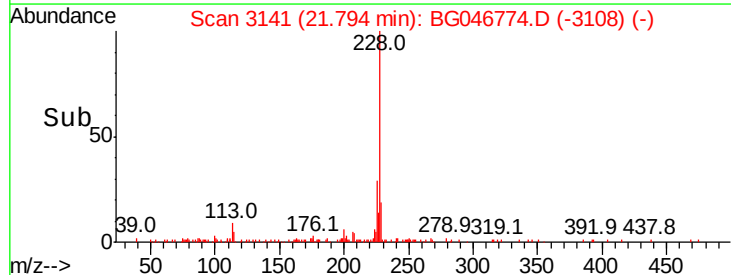
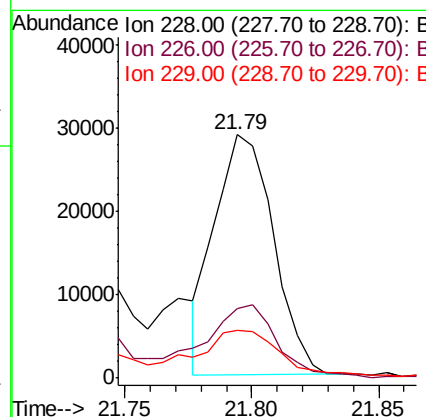
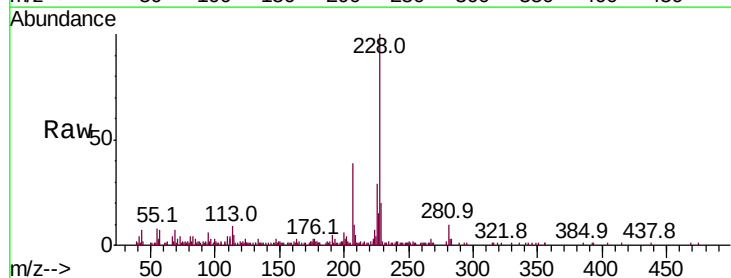
Instrument :
BNA_G
ClientSampleId :
CB7J3

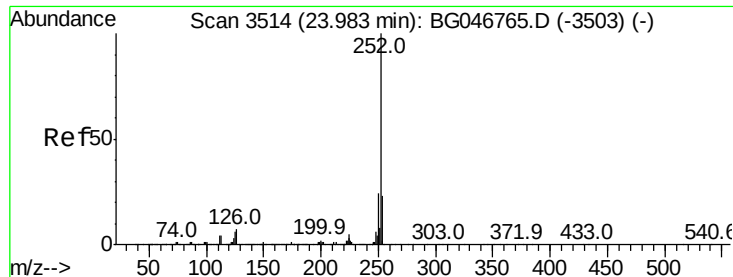
Tot Ion:228 Resp: 58537
Ion Ratio Lower Upper
228 100
229 22.4 16.5 24.7
226 26.7 21.6 32.4



#85
Chrysene
Concen: 1.395 ng/ul
RT: 21.79 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046774.D
Acq: 3 Oct 2020 16:30

Tgt Ion:228 Resp: 46137
Ion Ratio Lower Upper
228 100
226 28.7 24.3 36.5
229 19.6 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 2.146 ng/ul

RT: 23.99 min Scan# 3514

Delta R.T. 0.00 min

Lab File: BG046774.D

Acq: 3 Oct 2020 16:30

Instrument :

BNA_G

ClientSampleId :

CB7J3

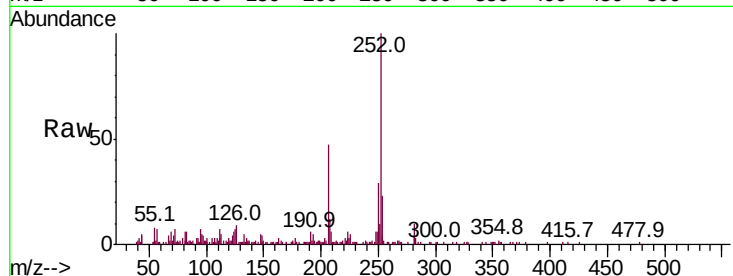
Tot Ion:252 Resp: 73743

Ion Ratio Lower Upper

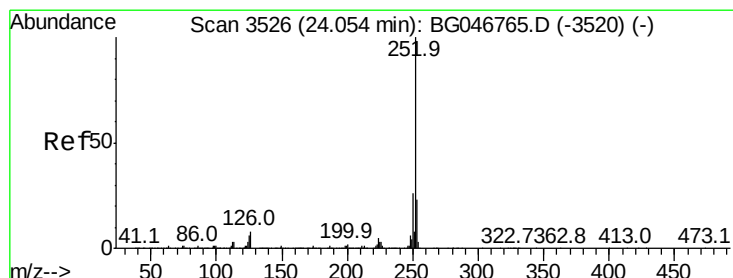
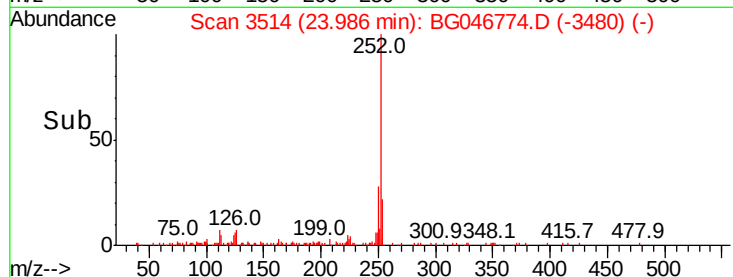
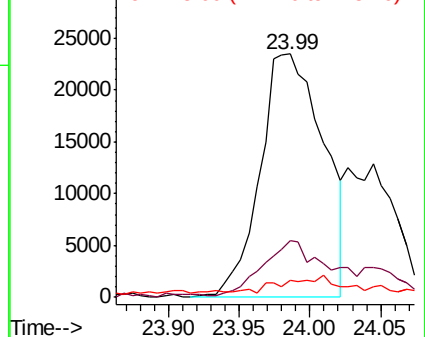
252 100

253 23.4 17.9 26.9

125 7.1 5.0 7.4



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: 2.202 ng/ul

RT: 23.99 min Scan# 3514

Delta R.T. -0.07 min

Lab File: BG046774.D

Acq: 3 Oct 2020 16:30

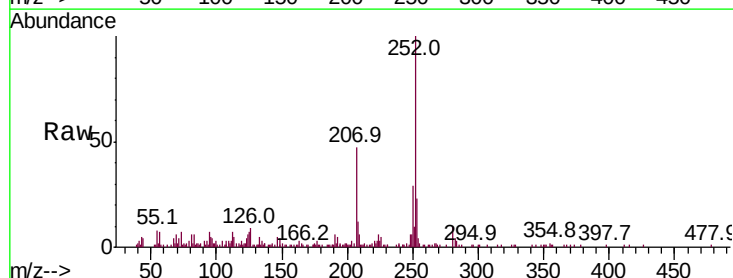
Tgt Ion:252 Resp: 73743

Ion Ratio Lower Upper

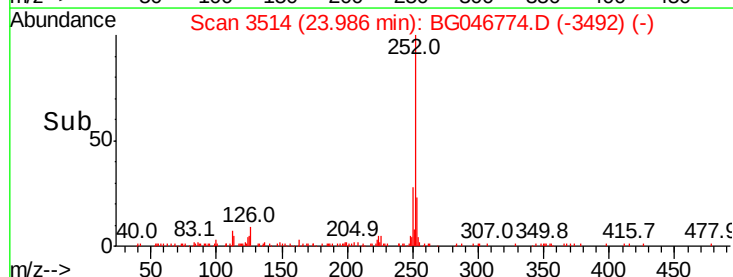
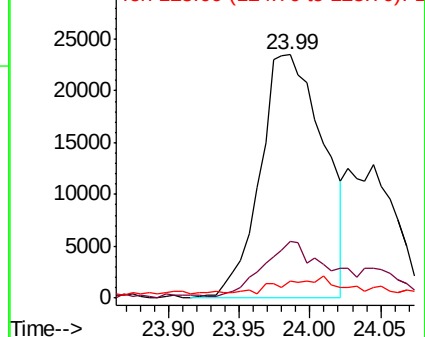
252 100

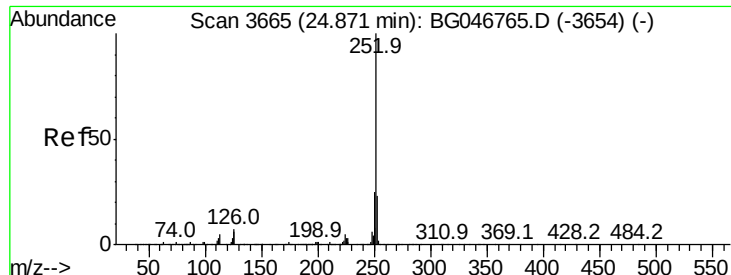
253 23.4 17.7 26.5

125 7.1 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: 1.060 ng/ul

RT: 24.72 min Scan# 3639

Delta R.T. -0.15 min

Lab File: BG046774.D

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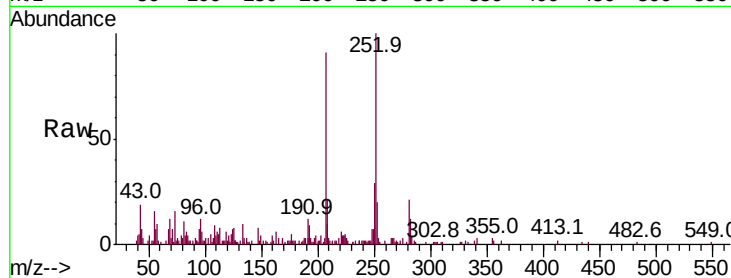
Tot Ion:252 Resp: 33256

Ion Ratio Lower Upper

252 100

253 20.1 17.6 26.4

125 7.9 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

