

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042112.D
 Acq On : 9 Aug 2019 21:27
 Operator : HP/JU
 Sample : K4041-15
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 02:31:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 16:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	79527	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	326256	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	230019	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	471611	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	470002	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	564393	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4554	2.51	ng/uL	0.00
5) Phenol-d5	7.18	99	107948	17.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	52845	15.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	98237	18.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	89270	17.04	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	47460	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	59222	20.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	112956	19.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	63062	9.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	348002	19.51	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	400627	19.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	39938	13.33	ng/ul	0.00
57) Fluorene-d10	15.68	176	302496	19.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	52936	17.49	ng/ul	0.00
70) Anthracene-d10	17.54	188	452443	20.00	ng/ul	0.00
78) Pyrene-d10	19.83	212	503508	19.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	571770	19.39	ng/ul	0.01

Target Compounds

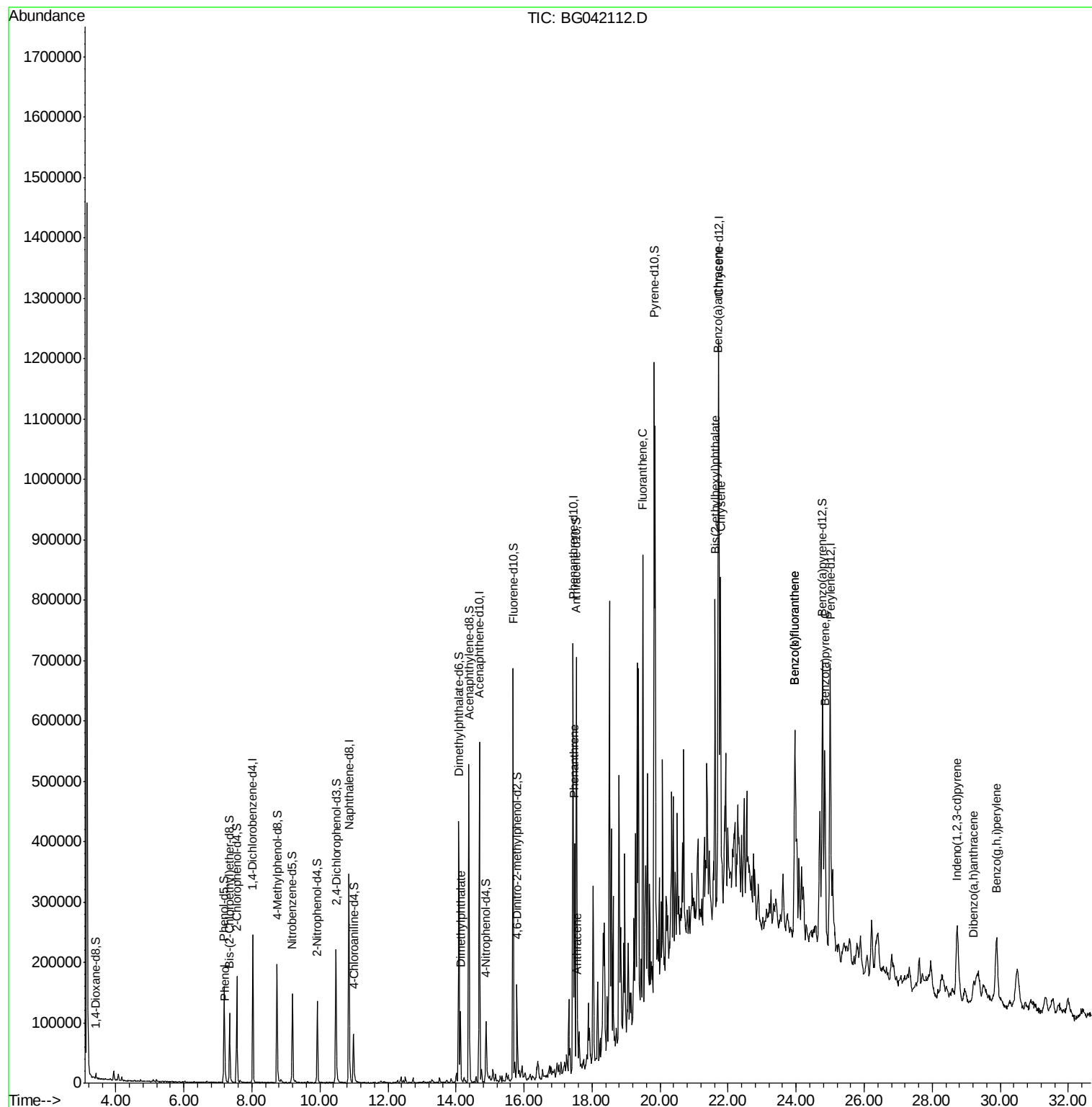
				Ovalue	
6) Phenol	7.21	94	18609	2.889	ng/ul 95
44) Dimethylphthalate	14.13	163	82886	4.679	ng/ul 97
69) Phenanthrene	17.48	178	257547	9.975	ng/ul 100
71) Anthracene	17.57	178	55569	2.122	ng/ul 99
76) Fluoranthene	19.49	202	491969	16.492	ng/ul 96
82) Benzo(a)anthracene	21.70	228	423696	13.002	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.62	149	233028	13.725	ng/ul 100
84) Chrysene	21.77	228	438538	14.418	ng/ul 98
87) Benzo(b)fluoranthene	23.96	252	455190	12.852	ng/ul 99
88) Benzo(k)fluoranthene	23.96	252	455190	13.366	ng/ul 98
90) Benzo(a)pyrene	24.84	252	391874	11.611	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	28.73	276	228558	5.806	ng/ul 98
92) Dibenzo(a,h)anthracene	29.21	278	64750	2.016	ng/ul 99
93) Benzo(g,h,i)perylene	29.89	276	239355	7.283	ng/ul 98

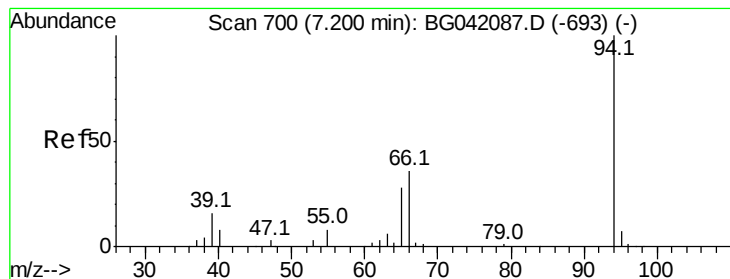
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
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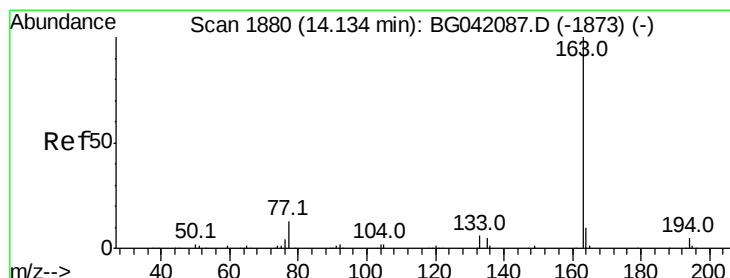
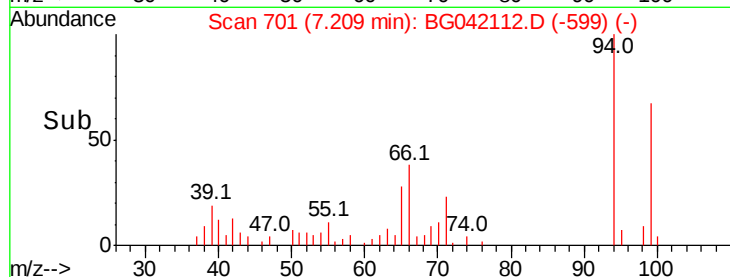
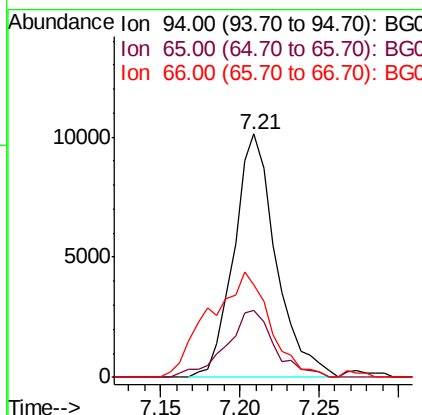
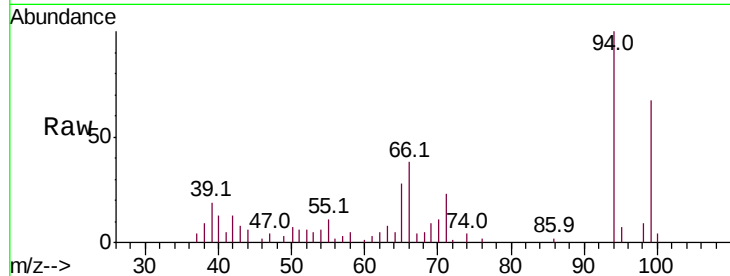
#6

Phenol

Concen: 2.889 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BG042112.D
 Acq: 9 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.5	25.8	38.6
66	38.0	31.8	47.8

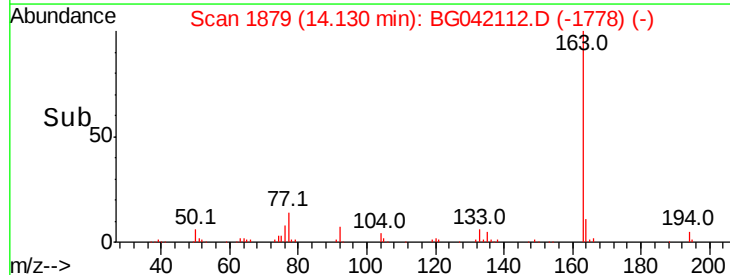
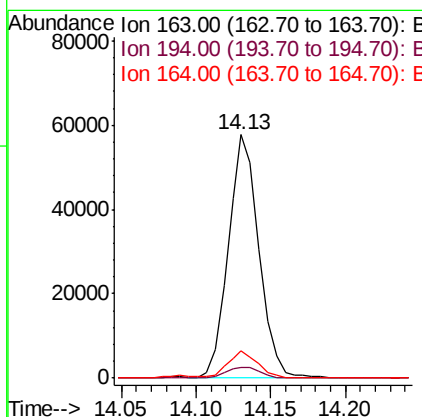
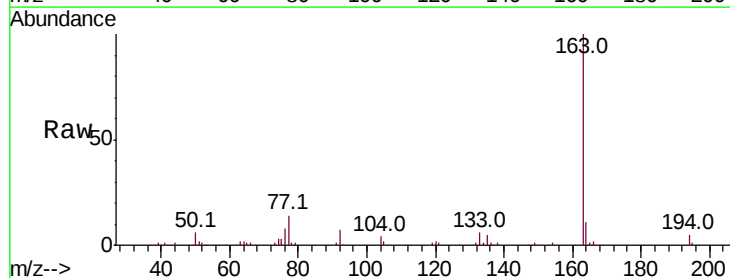


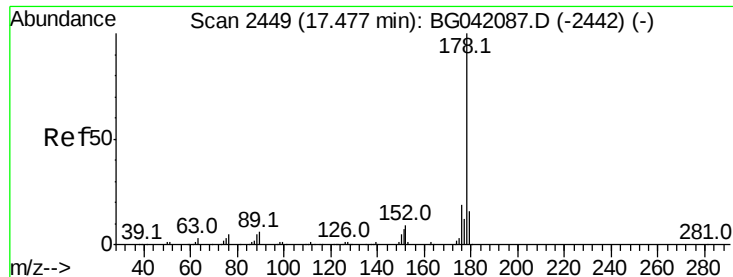
#44

Dimethylphthalate

Concen: 4.679 ng/ul
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG042112.D
 Acq: 9 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.2	6.2
164	11.2	7.8	11.8





#69

Phenanthrene

Concen: 9.975 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

Instrument :

BNA_G

ClientSampleId :

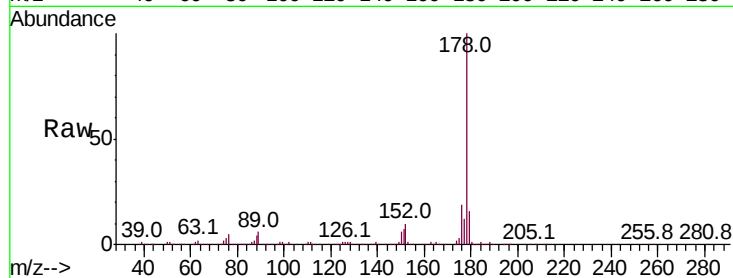
Tot Ion:178 Resp: 257547

Ion Ratio Lower Upper

178 100

179 15.9 12.8 19.2

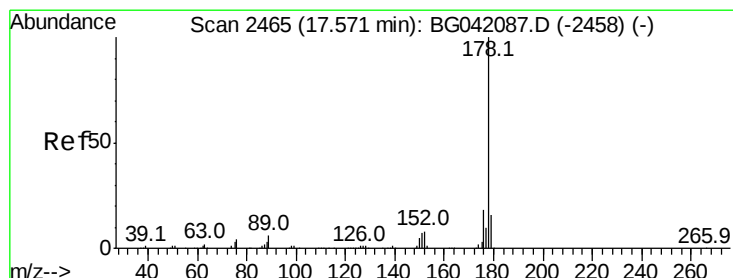
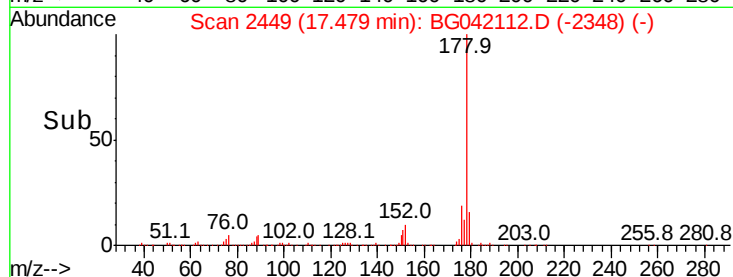
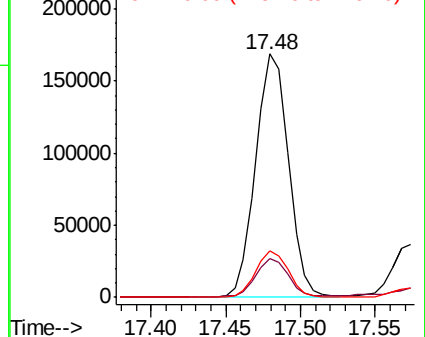
176 19.1 15.4 23.2



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



#71

Anthracene

Concen: 2.122 ng/ul

RT: 17.57 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

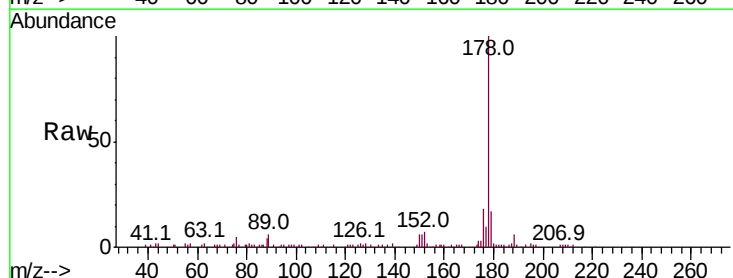
Tgt Ion:178 Resp: 55569

Ion Ratio Lower Upper

178 100

179 16.6 13.4 20.0

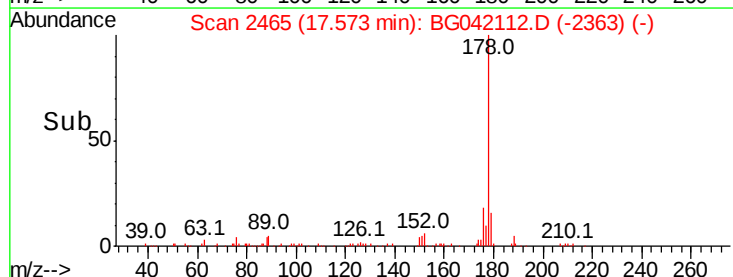
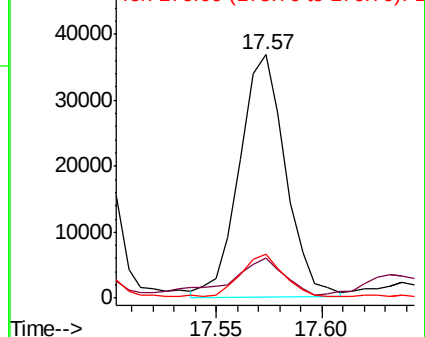
176 18.1 15.4 23.2

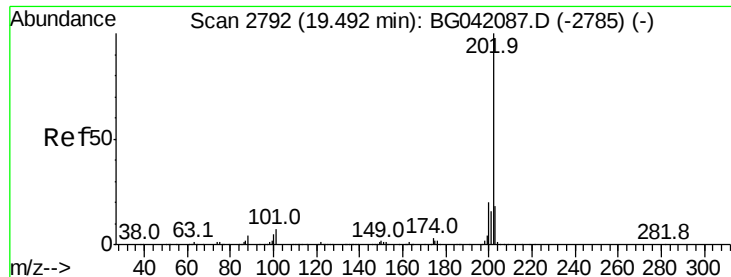


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 16.492 ng/ul

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

Instrument :

BNA_G

ClientSampleId :

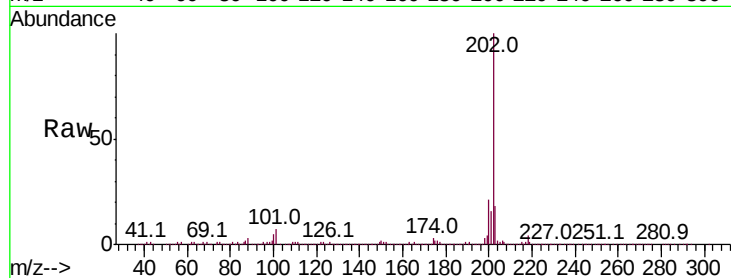
Tot Ion:202 Resp: 491969

Ion Ratio Lower Upper

202 100

101 6.9 6.7 10.1

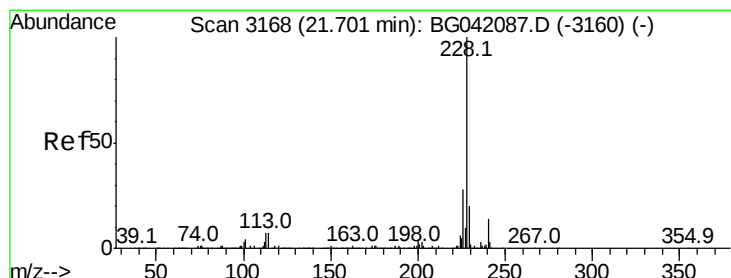
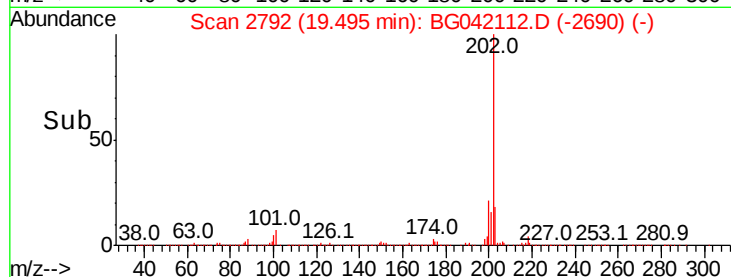
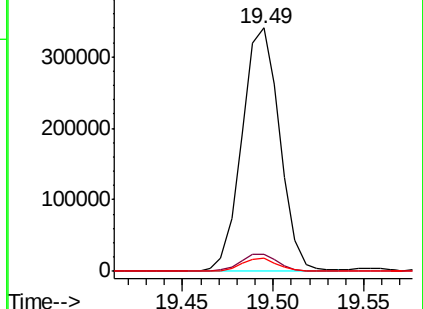
100 5.3 5.3 7.9



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



#82

Benzo(a)anthracene

Concen: 13.002 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

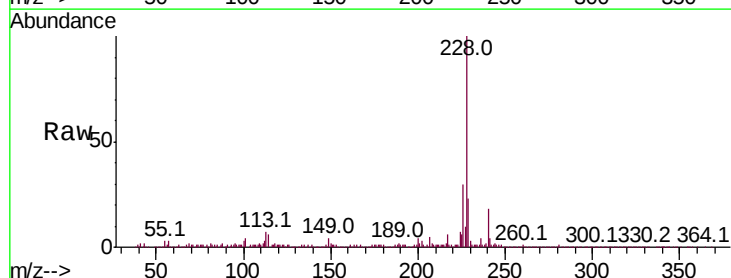
Tgt Ion:228 Resp: 423696

Ion Ratio Lower Upper

228 100

229 22.5 17.0 25.6

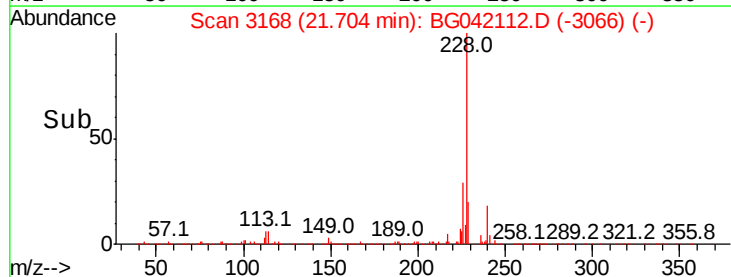
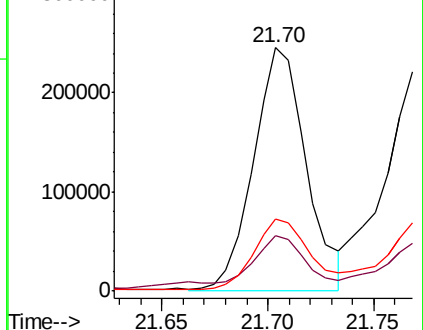
226 29.8 23.3 34.9

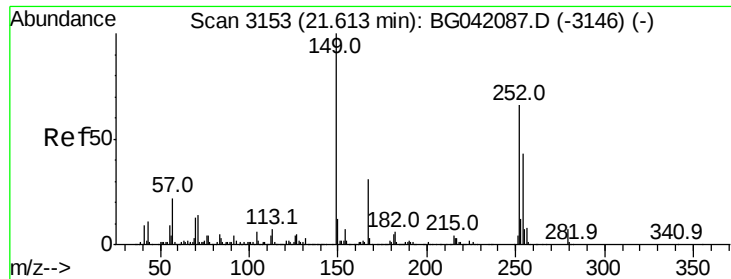


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

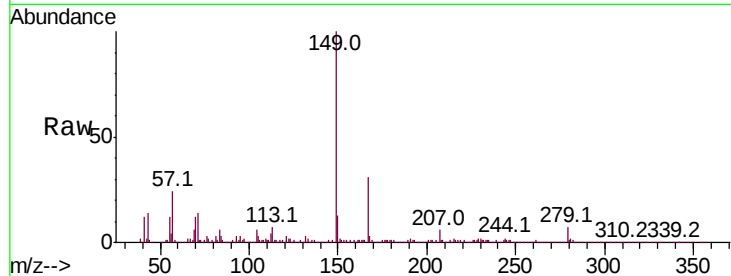




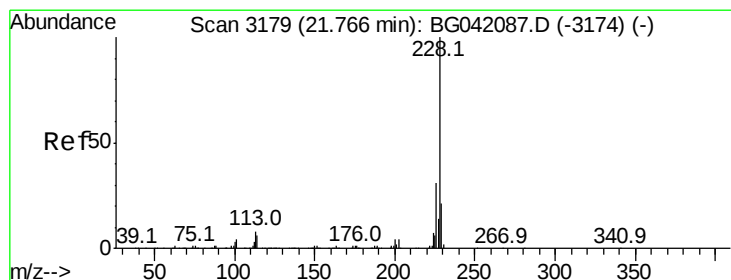
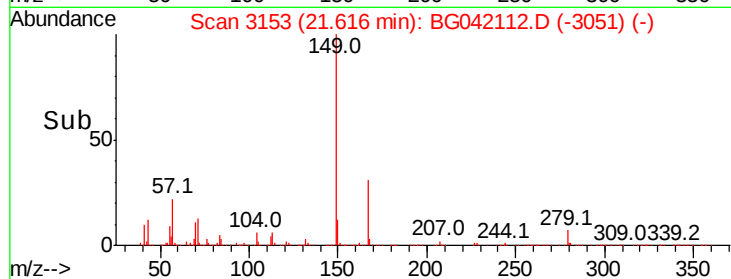
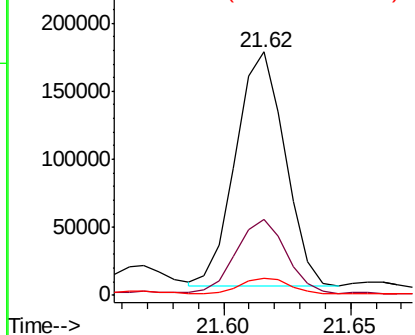
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 13.725 ng/ul
 RT: 21.62 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG042112.D
 Acq: 9 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.3	25.0	37.4
279	7.1	5.2	7.8

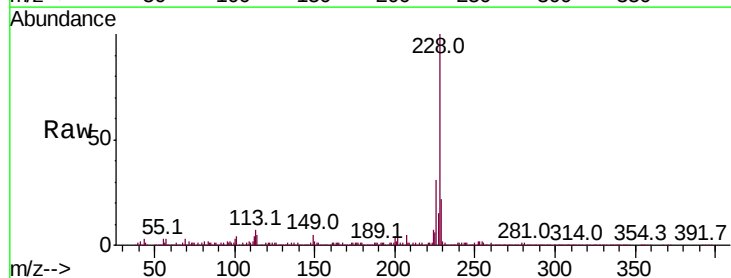


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

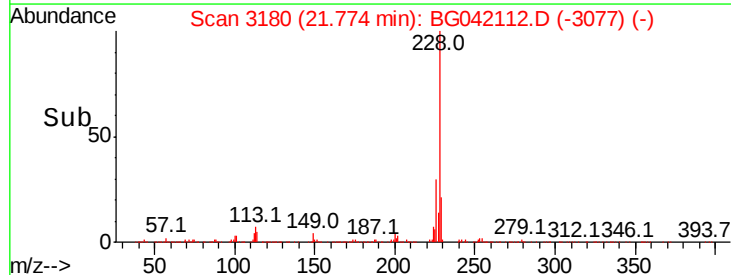
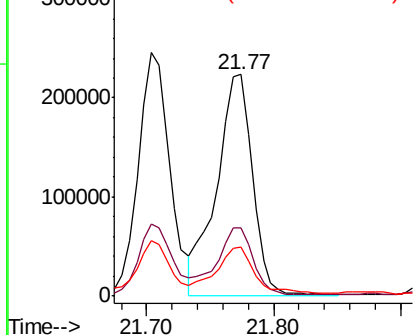


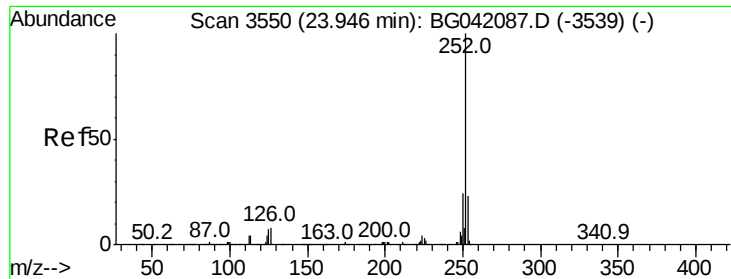
#84
 Chrysene
 Concen: 14.418 ng/ul
 RT: 21.77 min Scan# 3180
 Delta R.T. 0.01 min
 Lab File: BG042112.D
 Acq: 9 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.7	38.5
229	21.9	16.6	24.8



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





#87

Benzo(b)fluoranthene

Concen: 12.852 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

Instrument :

BNA_G

ClientSampleId :

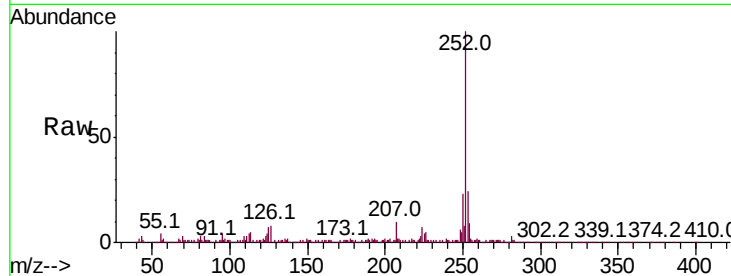
Tot Ion:252 Resp: 455190

Ion Ratio Lower Upper

252 100

253 23.8 18.4 27.6

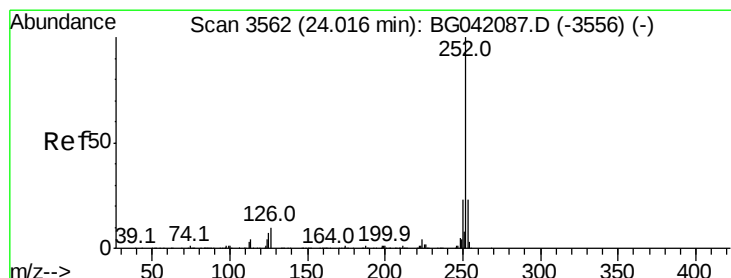
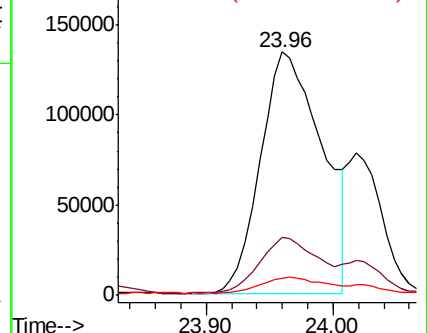
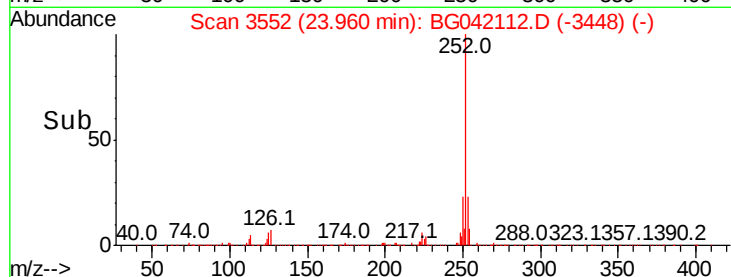
125 7.0 5.8 8.8



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



#88

Benzo(k)fluoranthene

Concen: 13.366 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. -0.06 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

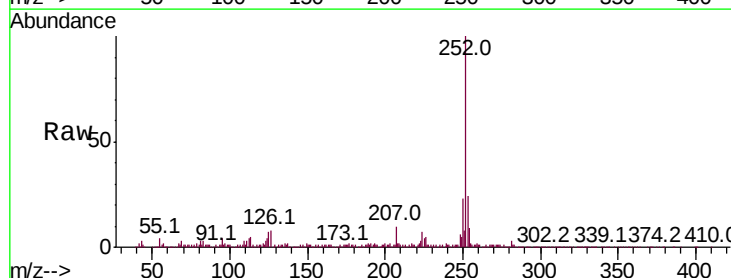
Tgt Ion:252 Resp: 455190

Ion Ratio Lower Upper

252 100

253 23.8 18.3 27.5

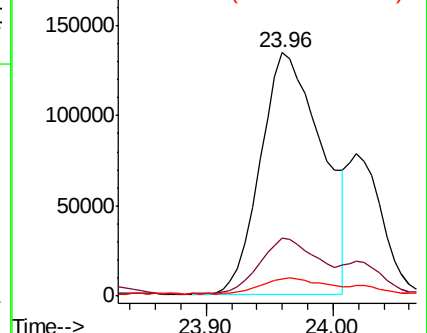
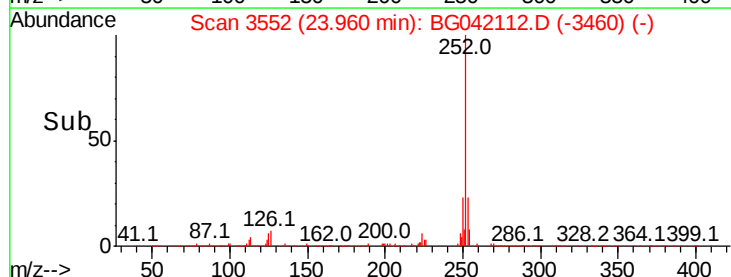
125 7.0 5.5 8.3

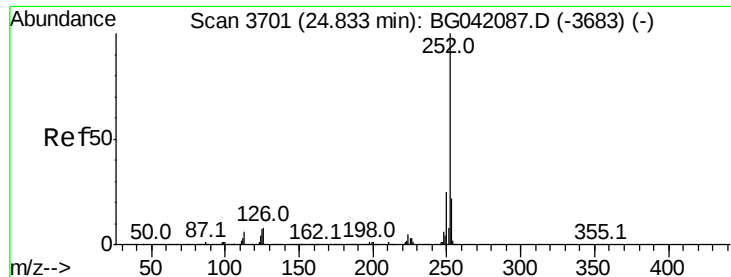


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

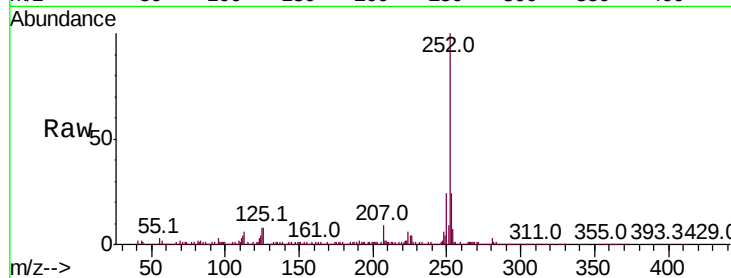




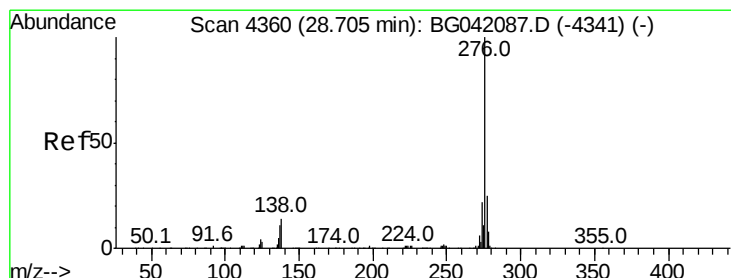
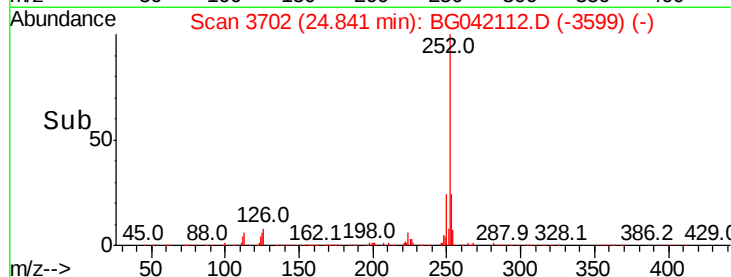
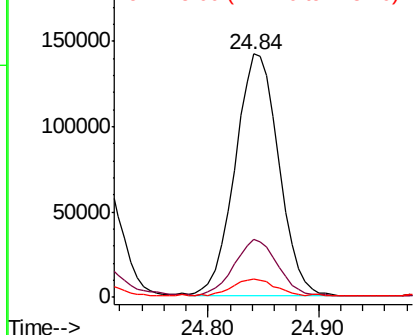
#90
Benzo(a)pyrene
Concen: 11.611 ng/ul
RT: 24.84 min Scan# 3702
Delta R.T. 0.01 min
Lab File: BG042112.D
Acq: 9 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.3	27.5
125	7.6	6.5	9.7

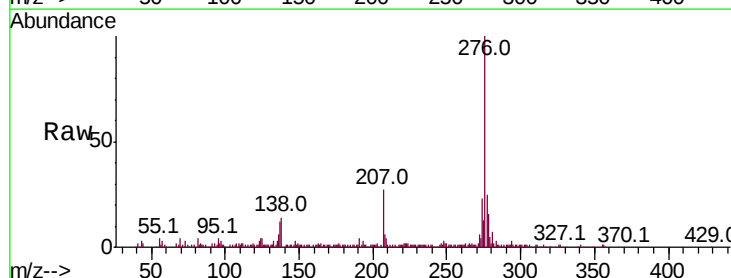


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

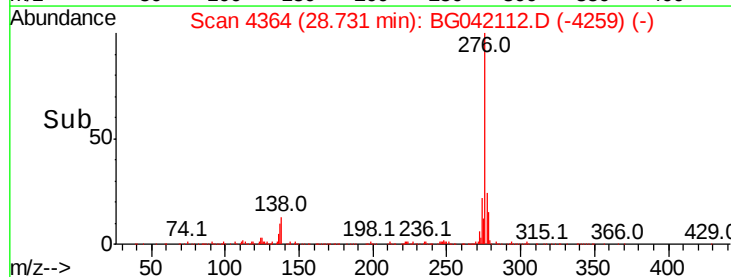
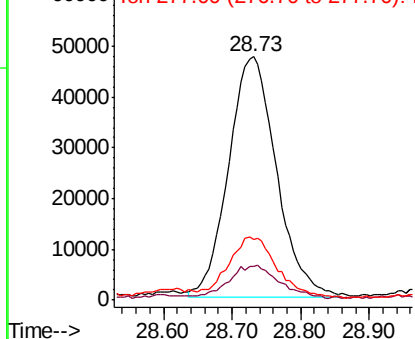


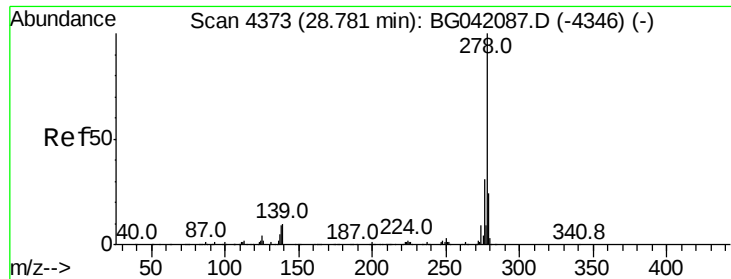
#91
Indeno(1,2,3-cd)pyrene
Concen: 5.806 ng/ul
RT: 28.73 min Scan# 4364
Delta R.T. 0.02 min
Lab File: BG042112.D
Acq: 9 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.0	12.0	18.0
277	24.9	19.2	28.8



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





#92

Dibenzo(a,h)anthracene

Concen: 2.016 ng/ul

RT: 29.21 min Scan# 4446

Delta R.T. 0.43 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

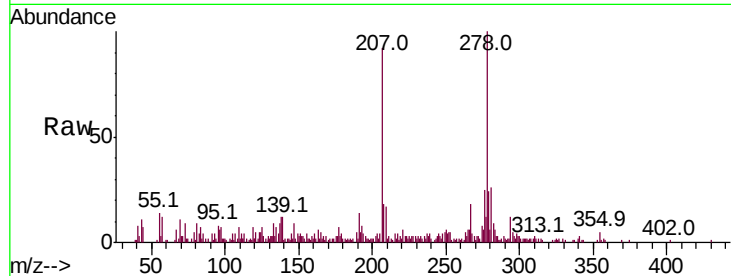
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 64750

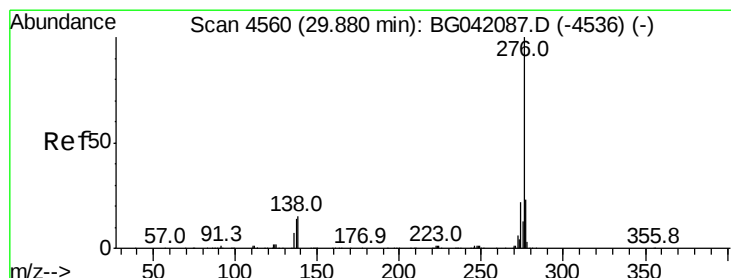
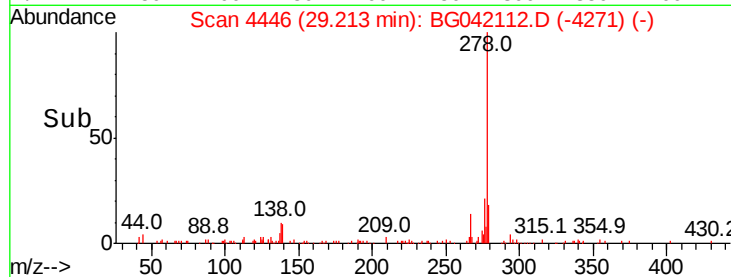
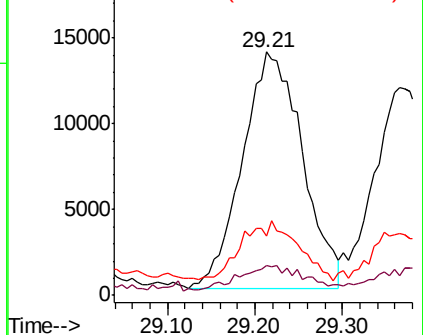
Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.4	14.0
279	24.4	19.2	28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 7.283 ng/ul

RT: 29.89 min Scan# 4562

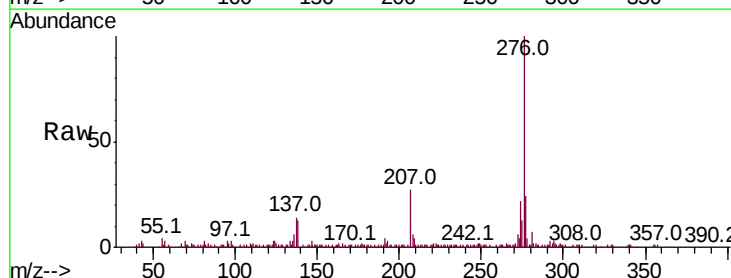
Delta R.T. 0.01 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

Tgt Ion:276 Resp: 239355

Ion	Ratio	Lower	Upper
276	100		
138	13.2	12.6	18.8
277	23.9	19.2	28.8



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

