

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042029.D
 Acq On : 7 Aug 2019 13:42
 Operator : HP/JU
 Sample : K4028-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 07 14:58:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 12:00:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	78657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	334436	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	236250	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	475846	20.00	ng/ul	0.10
77) Chrysene-d12	21.73	240	477854	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	573536	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4635	2.58	ng/uL	0.00
5) Phenol-d5	7.18	99	110076	17.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	57190	16.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	100403	19.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	87179	16.82	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	49969	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	60893	20.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	116325	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	99363	15.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	364305	19.88	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	428454	20.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	45226	14.70	ng/ul	0.00
57) Fluorene-d10	15.68	176	325420	19.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.85	200	318	0.10	ng/ul	0.05
70) Anthracene-d10	17.54	188	475846	20.84	ng/ul	0.00
78) Pyrene-d10	19.83	212	532213	19.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	607620	20.28	ng/ul	0.01

Target Compounds

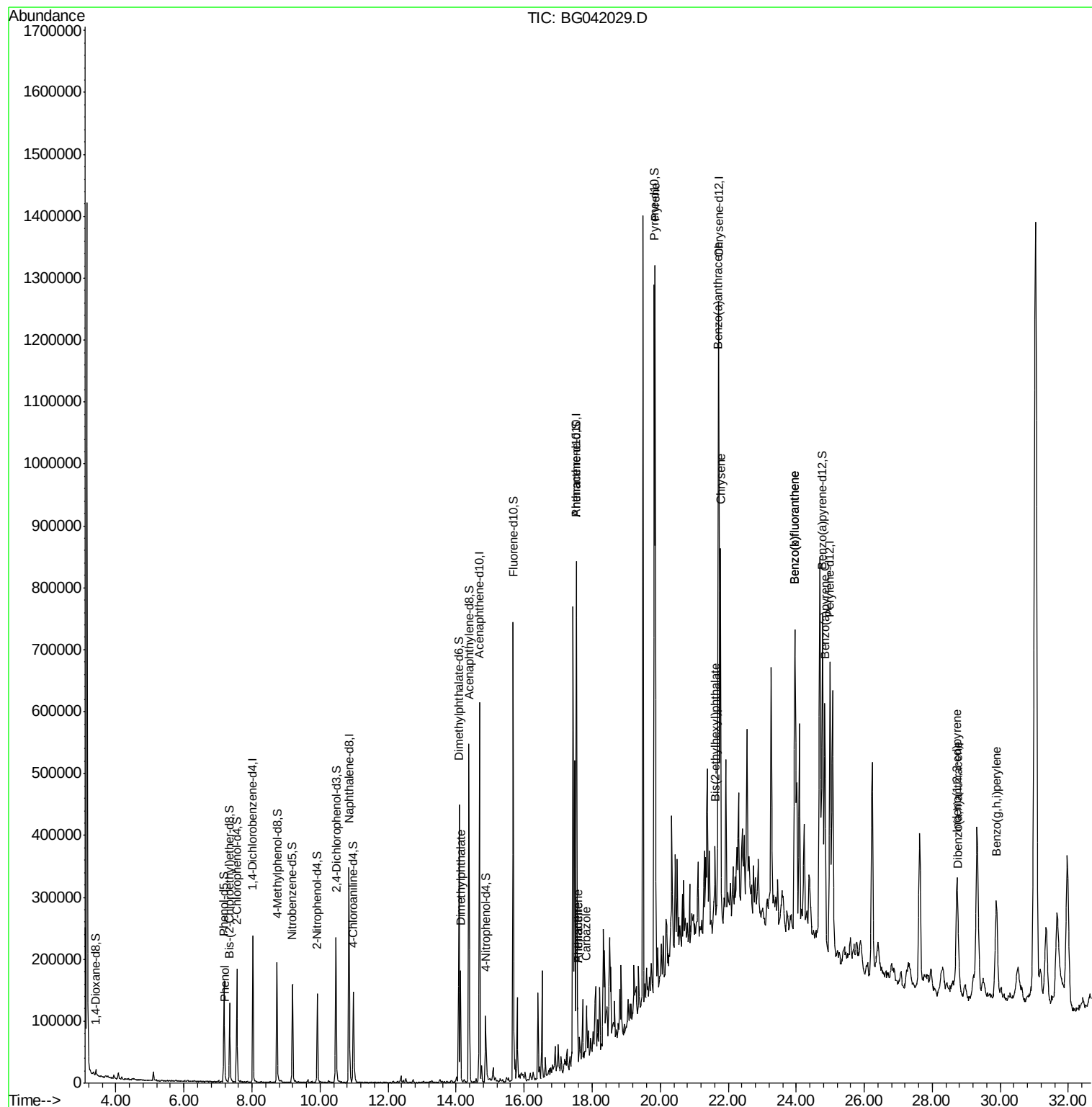
					Ovalue
6) Phenol	7.20	94	7914	1.242	ng/ul 97
44) Dimethylphthalate	14.13	163	134755	7.407	ng/ul 96
69) Phenanthrene	17.57	178	63492	2.437	ng/ul 97
71) Anthracene	17.57	178	63492	2.403	ng/ul 97
74) Carbazole	17.84	167	42149	1.926	ng/ul 99
79) Pyrene	19.86	202	767886	23.890	ng/ul 98
82) Benzo(a)anthracene	21.70	228	446256	13.469	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.61	149	49363	2.860	ng/ul 98
84) Chrysene	21.77	228	486031	15.717	ng/ul 97
87) Benzo(b)fluoranthene	23.96	252	688654	19.133	ng/ul 100
88) Benzo(k)fluoranthene	23.96	252	688654	19.900	ng/ul 100
90) Benzo(a)pyrene	24.84	252	469817	13.698	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	28.72	276	348287	8.706	ng/ul 97
92) Dibenzo(a,h)anthracene	28.76	278	44159	1.353	ng/ul 94
93) Benzo(g,h,i)perylene	29.89	276	329642	9.870	ng/ul 98

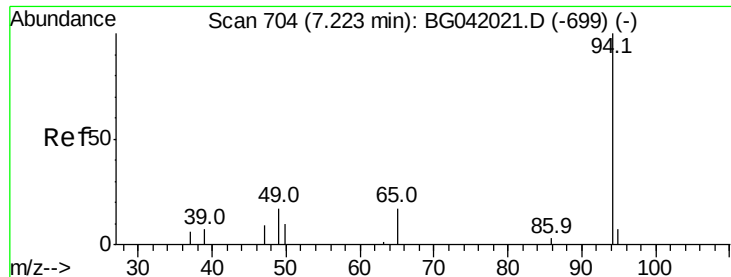
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.242 ng/ul

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG042029.D

Acq: 7 Aug 2019 13:42

Instrument :

BNA_G

ClientSampleId :

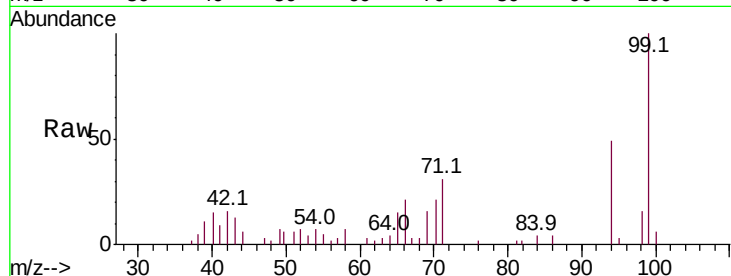
Tot Ion: 94 Resp: 7914

Ion Ratio Lower Upper

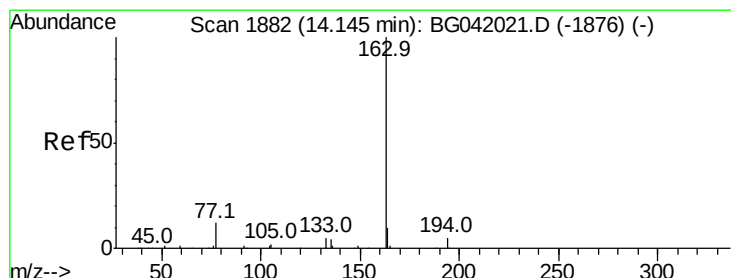
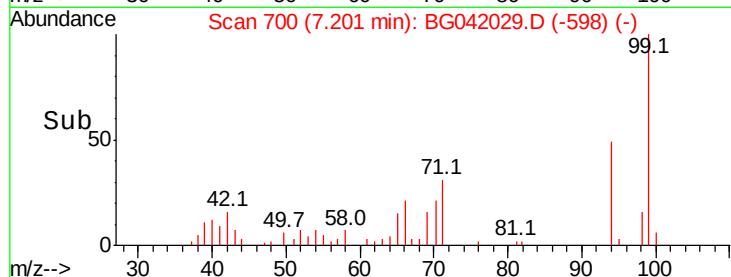
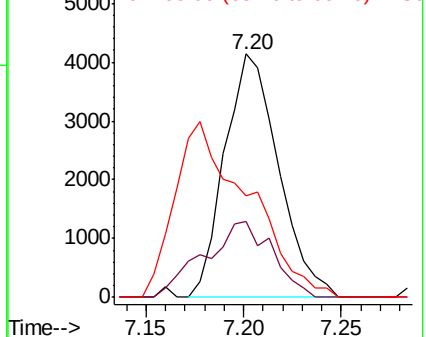
94 100

65 31.0 25.8 38.6

66 41.7 31.8 47.8



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



#44

Dimethylphthalate

Concen: 7.407 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG042029.D

Acq: 7 Aug 2019 13:42

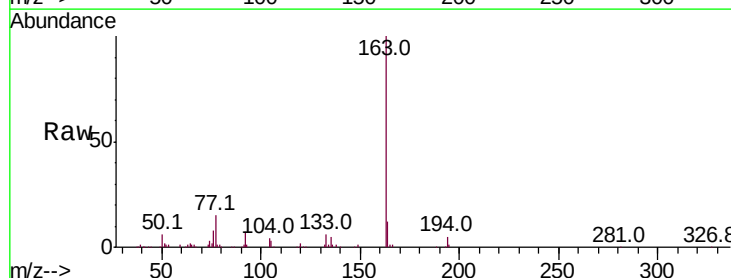
Tgt Ion:163 Resp: 134755

Ion Ratio Lower Upper

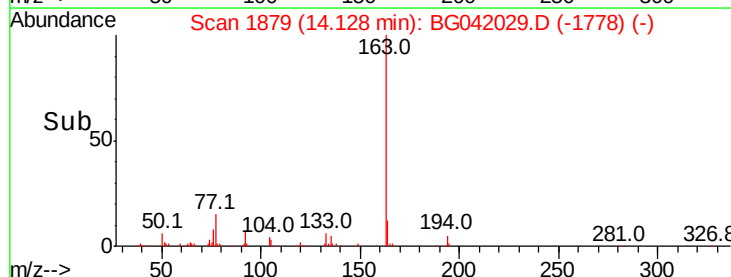
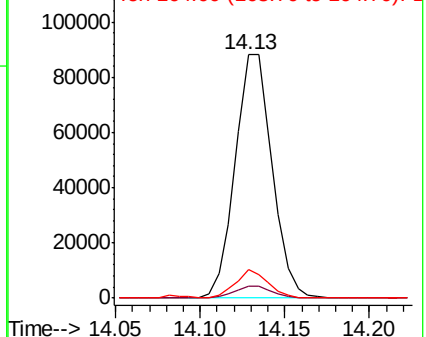
163 100

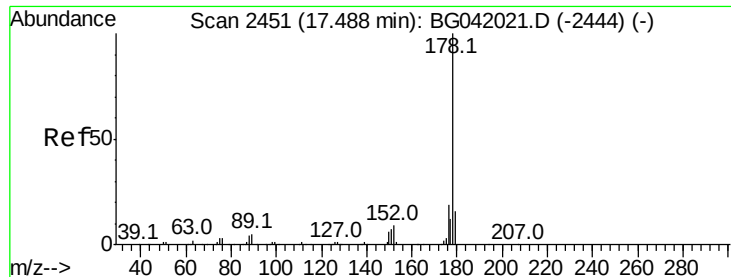
194 4.8 4.2 6.2

164 11.6 7.8 11.8



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





#69

Phenanthrene

Concen: 2.437 ng/ul

RT: 17.57 min Scan# 2465

Delta R.T. 0.09 min

Lab File: BG042029.D

Acq: 7 Aug 2019 13:42

Instrument :

BNA_G

ClientSampleId :

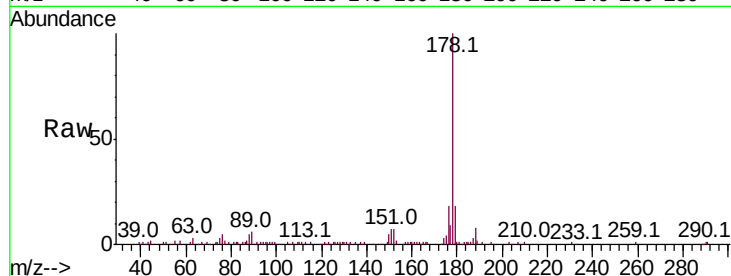
Tot Ion:178 Resp: 63492

Ion Ratio Lower Upper

178 100

179 17.8 12.8 19.2

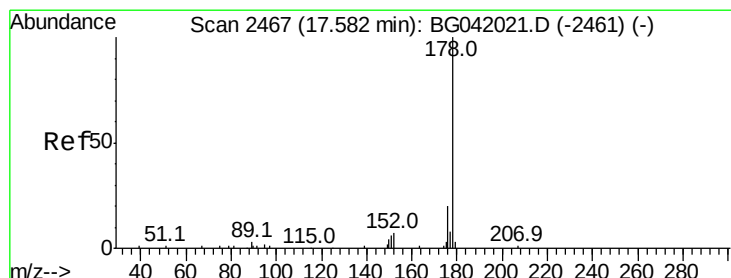
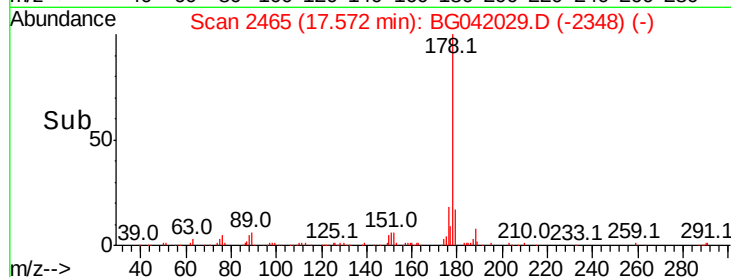
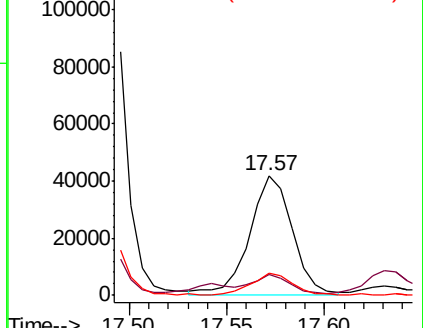
176 18.0 15.4 23.2



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: 2.403 ng/ul

RT: 17.57 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BG042029.D

Acq: 7 Aug 2019 13:42

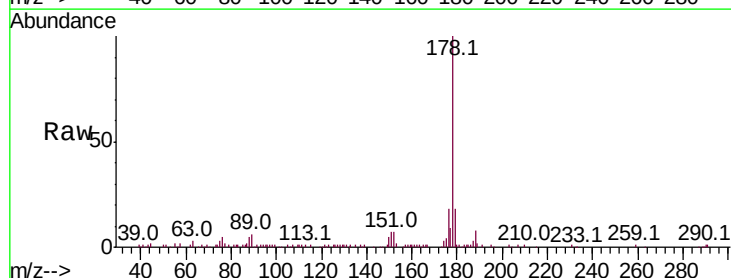
Tgt Ion:178 Resp: 63492

Ion Ratio Lower Upper

178 100

179 17.8 13.4 20.0

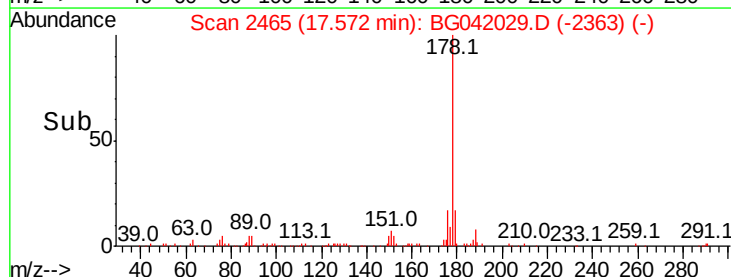
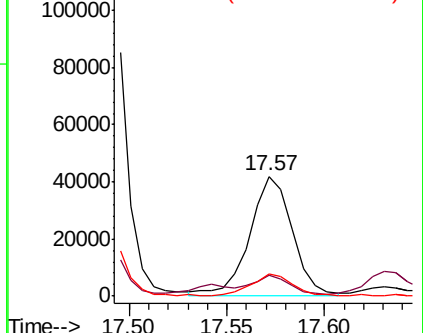
176 18.0 15.4 23.2

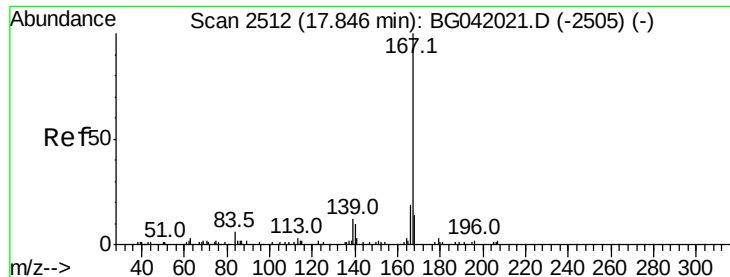


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 1.926 ng/ul

RT: 17.84 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG042029.D

Acq: 7 Aug 2019 13:42

Instrument :

BNA_G

ClientSampleId :

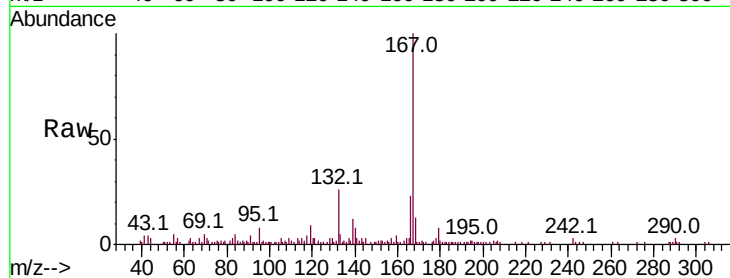
Tot Ion:167 Resp: 42149

Ion Ratio Lower Upper

167 100

166 23.4 18.2 27.4

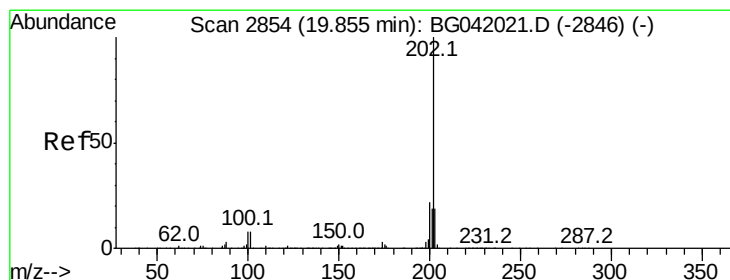
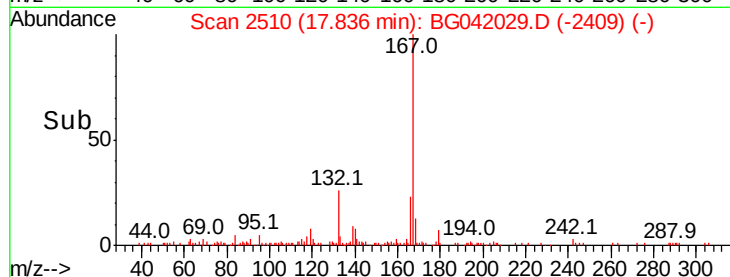
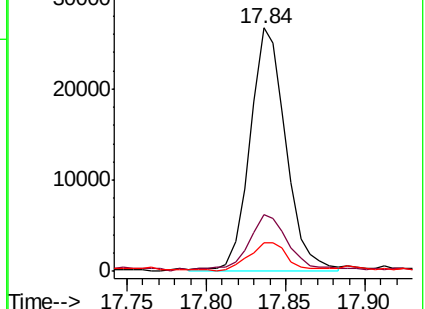
139 11.8 9.6 14.4



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



#79

Pyrene

Concen: 23.890 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG042029.D

Acq: 7 Aug 2019 13:42

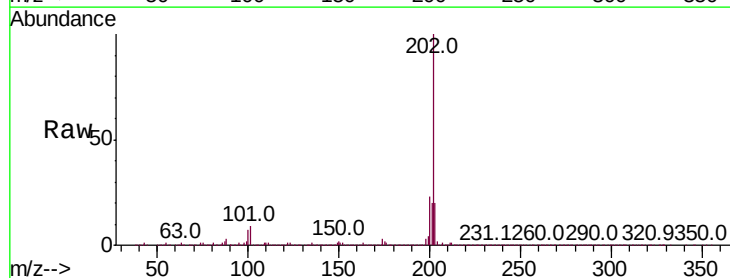
Tgt Ion:202 Resp: 767886

Ion Ratio Lower Upper

202 100

101 8.8 7.6 11.4

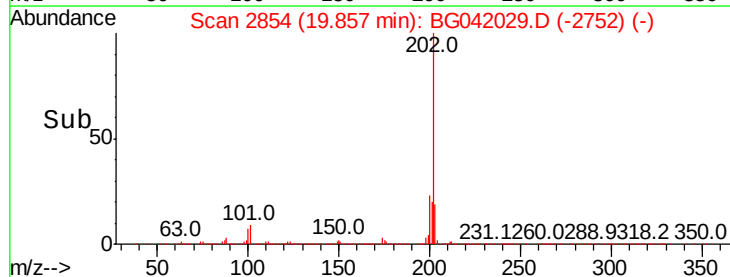
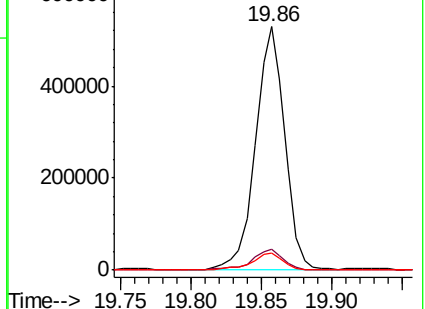
100 7.0 6.5 9.7

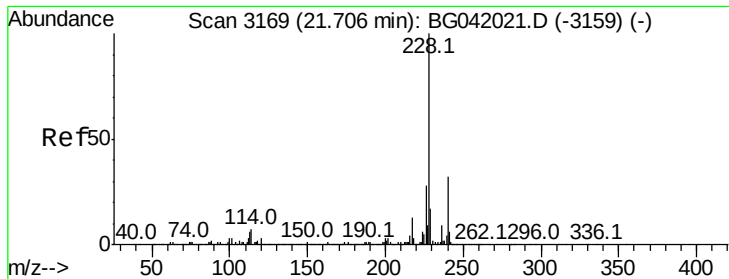


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#82

Benzo(a)anthracene

Concen: 13.469 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG042029.D

Acq: 7 Aug 2019 13:42

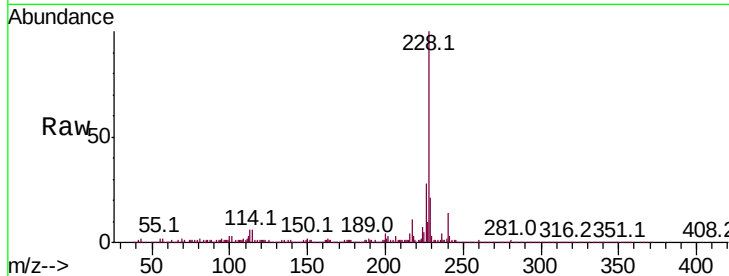
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 446256

Ion	Ratio	Lower	Upper
228	100		
229	21.3	17.0	25.6
226	27.7	23.3	34.9

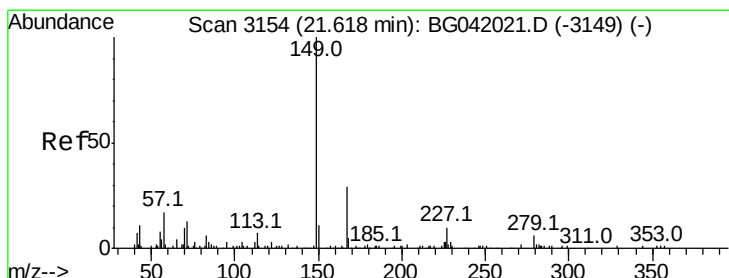
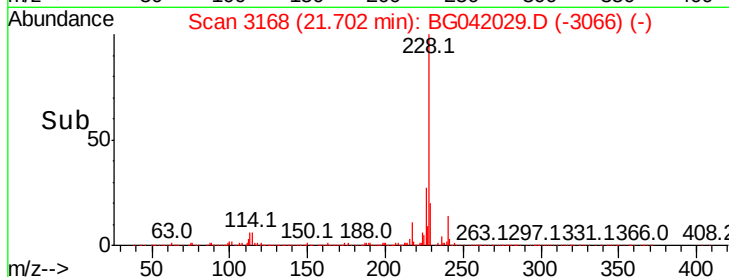
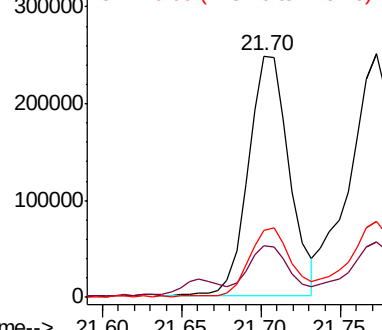


Abundance

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: 2.860 ng/ul

RT: 21.61 min Scan# 3153

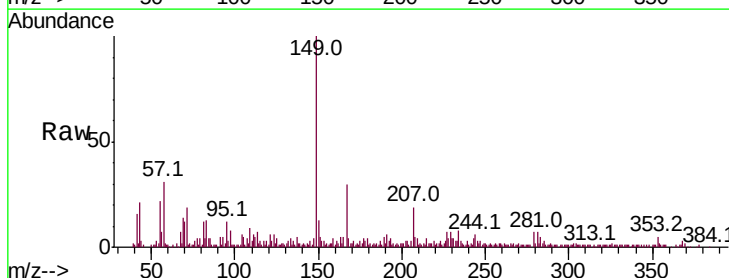
Delta R.T. 0.00 min

Lab File: BG042029.D

Acq: 7 Aug 2019 13:42

Tgt Ion:149 Resp: 49363

Ion	Ratio	Lower	Upper
149	100		
167	30.3	25.0	37.4
279	7.1	5.2	7.8

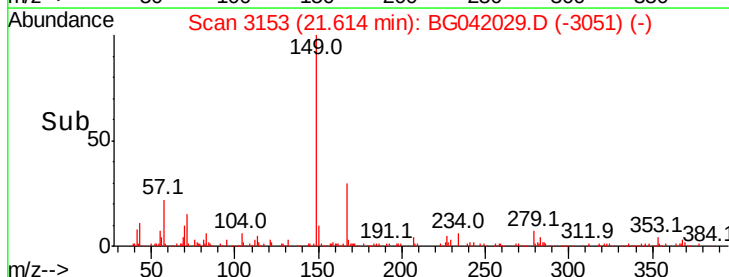
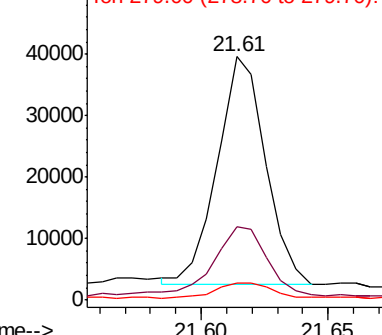


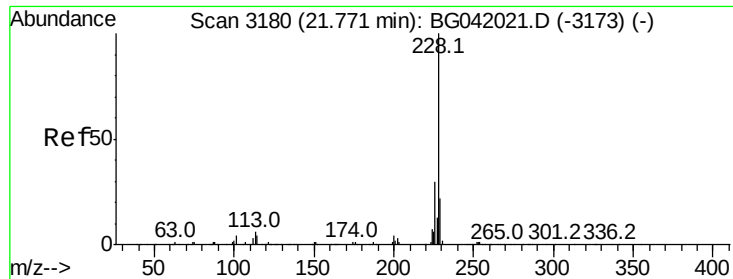
Abundance

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: 15.717 ng/ul

RT: 21.77 min Scan# 3180

Delta R.T. 0.01 min

Lab File: BG042029.D

Acq: 7 Aug 2019 13:42

Instrument :

BNA_G

ClientSampleId :

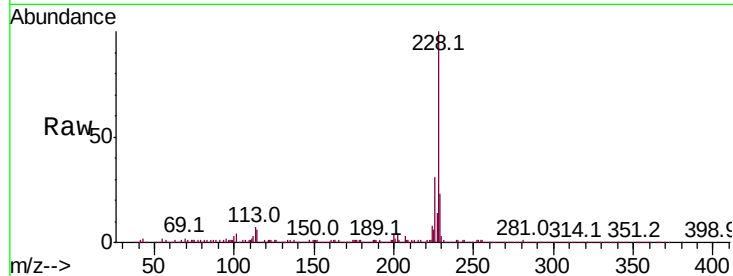
Tot Ion:228 Resp: 486031

Ion Ratio Lower Upper

228 100

226 31.3 25.7 38.5

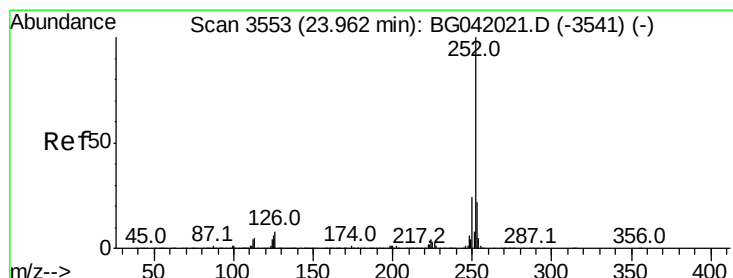
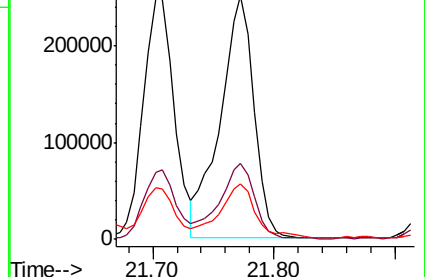
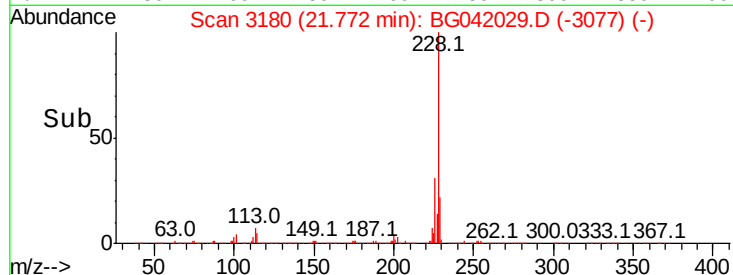
229 22.7 16.6 24.8



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: 19.133 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042029.D

Acq: 7 Aug 2019 13:42

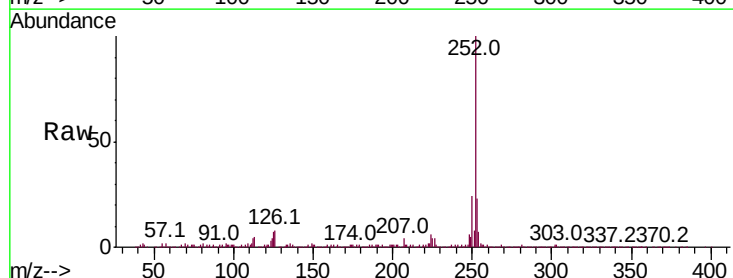
Tgt Ion:252 Resp: 688654

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

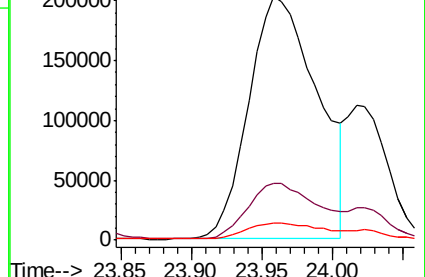
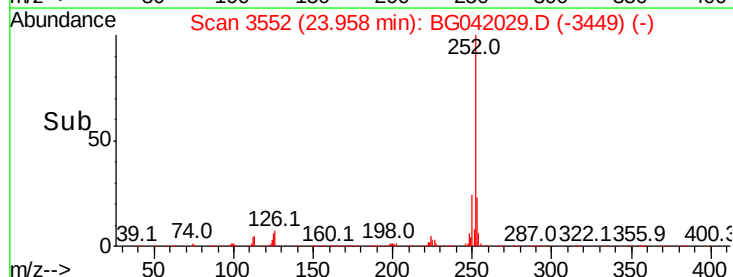
125 7.0 5.8 8.8

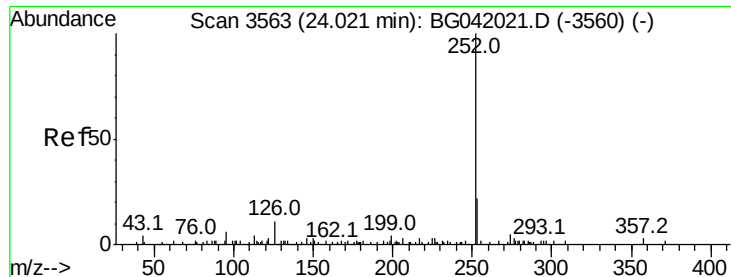


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 19.900 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. -0.06 min

Lab File: BG042029.D

Acq: 7 Aug 2019 13:42

Instrument :

BNA_G

ClientSampleId :

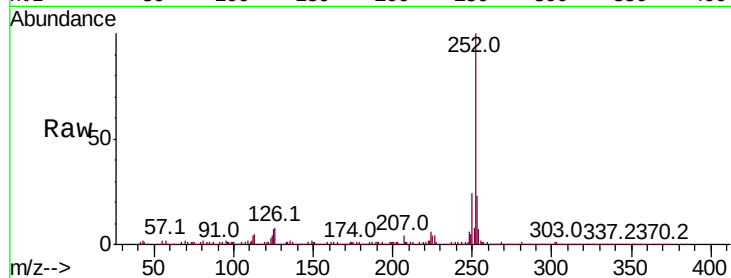
Tot Ion:252 Resp: 688654

Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

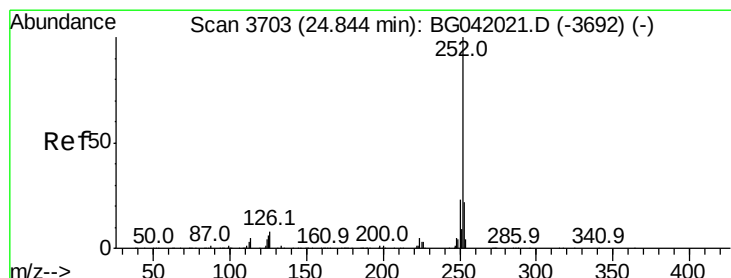
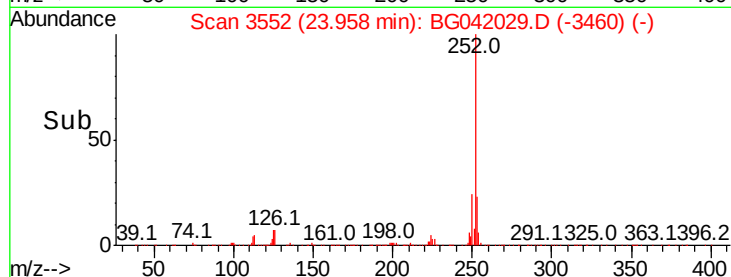
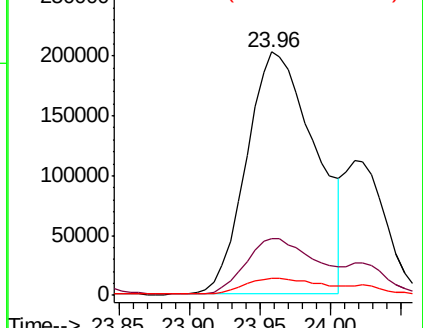
125 7.0 5.5 8.3



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: 13.698 ng/ul

RT: 24.84 min Scan# 3702

Delta R.T. 0.01 min

Lab File: BG042029.D

Acq: 7 Aug 2019 13:42

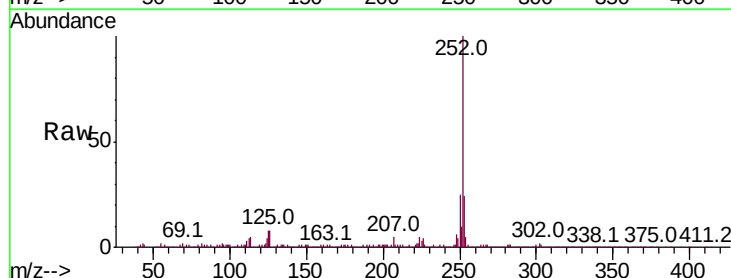
Tgt Ion:252 Resp: 469817

Ion Ratio Lower Upper

252 100

253 24.0 18.3 27.5

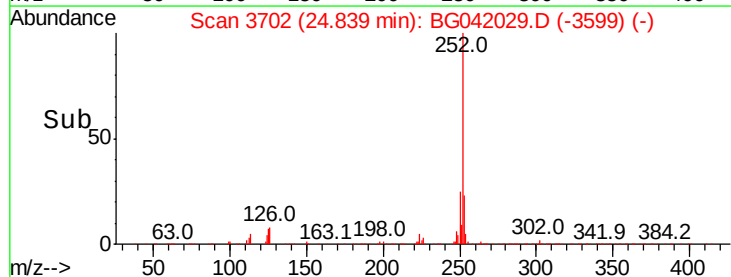
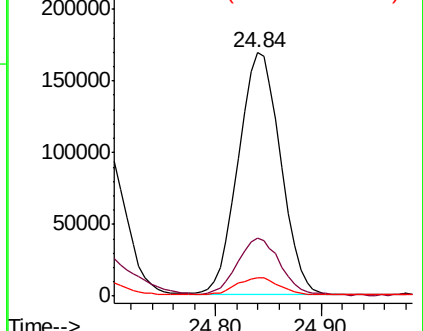
125 7.7 6.5 9.7

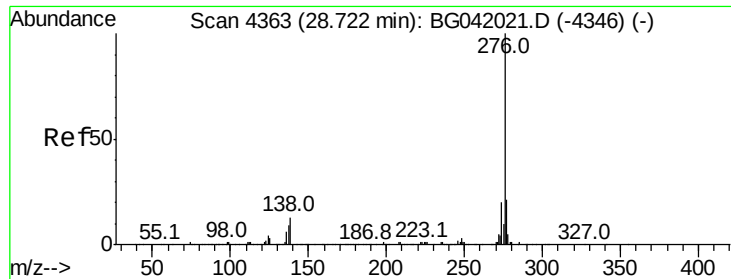


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



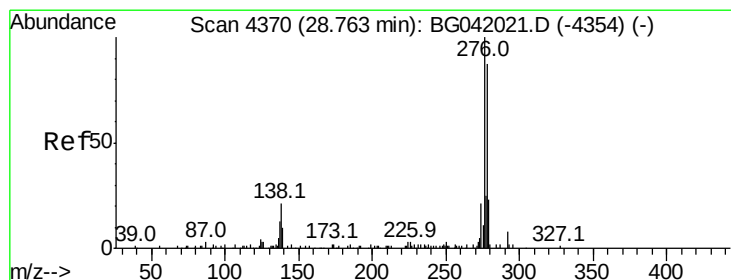
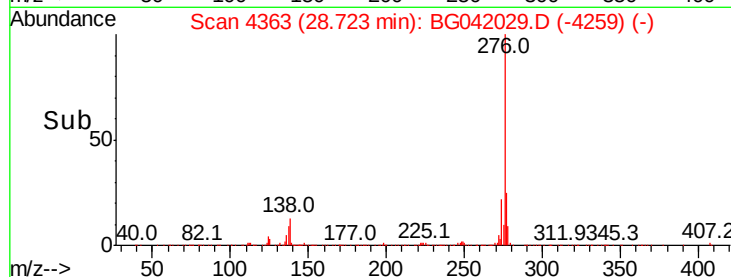
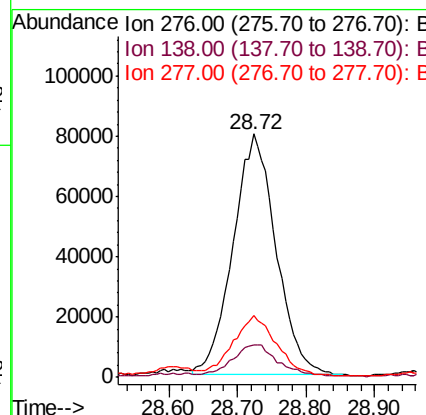
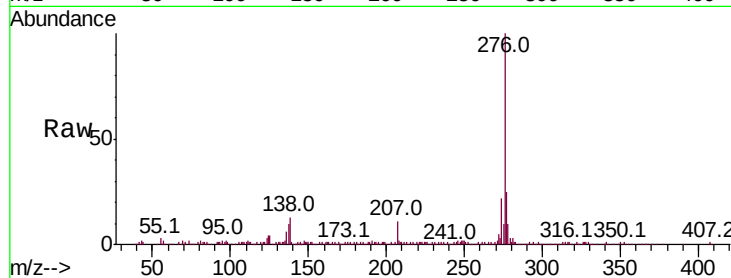


#91

Indeno(1,2,3-cd)pyrene
Concen: 8.706 ng/ul
RT: 28.72 min Scan# 4363
Delta R.T. 0.01 min
Lab File: BG042029.D
Acq: 7 Aug 2019 13:42

Instrument :
BNA_G
ClientSampleId :

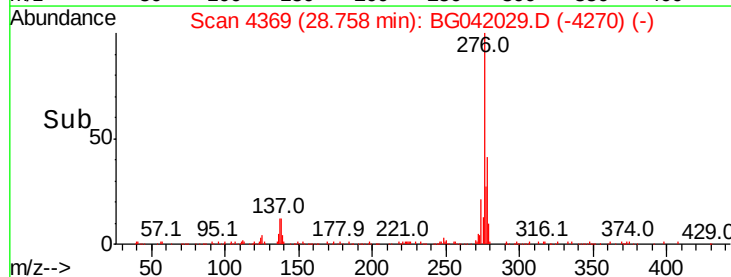
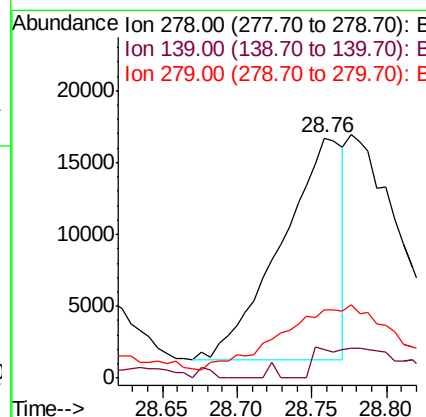
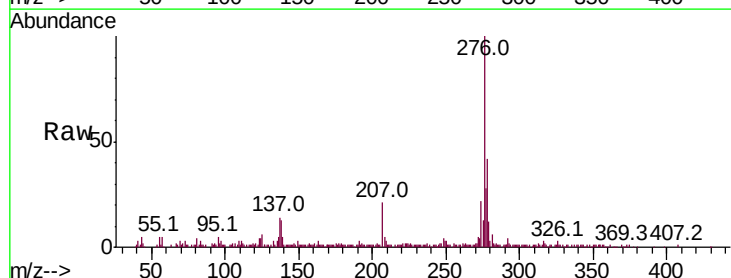
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.1	12.0	18.0
277	25.2	19.2	28.8

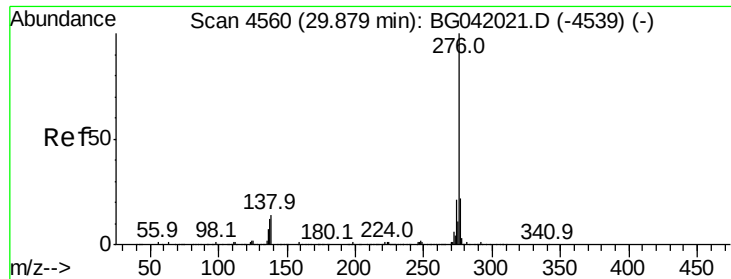


#92

Dibenzo(a,h)anthracene
Concen: 1.353 ng/ul
RT: 28.76 min Scan# 4369
Delta R.T. -0.02 min
Lab File: BG042029.D
Acq: 7 Aug 2019 13:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.7	9.4	14.0
279	28.7	19.2	28.8





#93

Benzo(a,h,i)perylene

Concen: 9.870 ng/ul

RT: 29.89 min Scan# 4562

Delta R.T. 0.02 min

Lab File: BG042029.D

Acq: 7 Aug 2019 13:42

Instrument :

BNA_G

ClientSampleId :

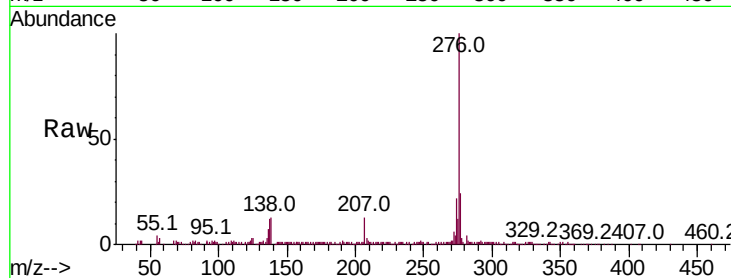
Tot Ion:276 Resp: 329642

Ion Ratio Lower Upper

276 100

138 13.5 12.6 18.8

277 24.2 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

