

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041950.D
 Acq On : 4 Aug 2019 20:09
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 05 09:17:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	74487	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	300953	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	203365	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	432831	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	425597	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	471004	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	4522	2.66	ng/uL	0.00
5) Phenol-d5	7.19	99	119134	20.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	65332	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	111524	22.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	89614	18.26	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	54377	24.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	67921	25.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	128206	24.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	109449	18.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	395340	25.07	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	459655	25.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	46150	17.43	ng/ul	0.00
57) Fluorene-d10	15.69	176	354145	25.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	44379	15.98	ng/ul	0.00
70) Anthracene-d10	17.54	188	534524	25.74	ng/ul	0.00
78) Pyrene-d10	19.84	212	596867	25.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	653169	26.55	ng/ul	0.00

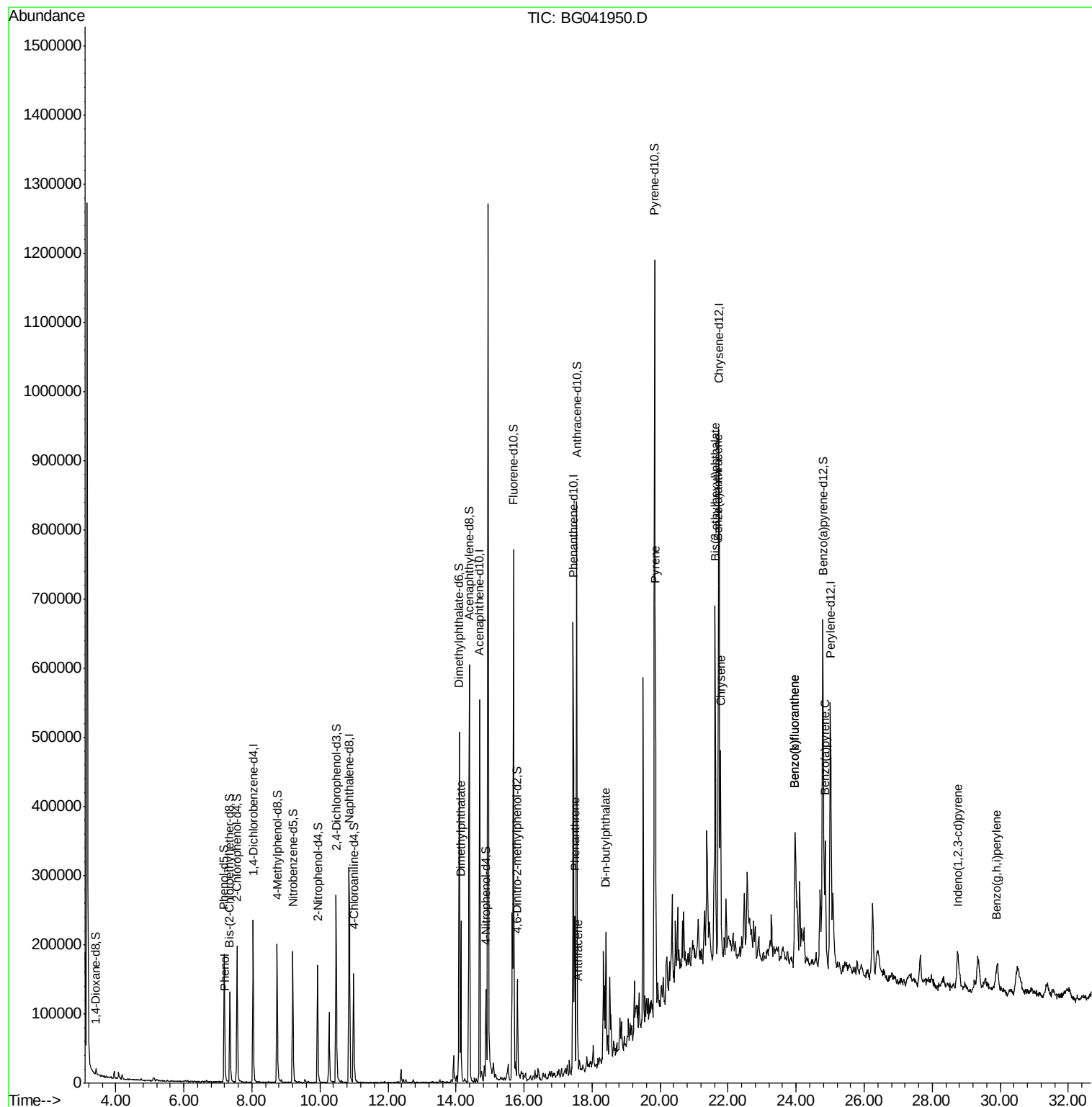
Target Compounds				Ovalue		
6) Phenol	7.21	94	7233	1.199	ng/ul#	88
44) Dimethylphthalate	14.14	163	164512	10.505	ng/ul	98
69) Phenanthrene	17.49	178	156122	6.589	ng/ul	99
71) Anthracene	17.58	178	32634	1.358	ng/ul	100
75) Di-n-butylphthalate	18.41	149	136749	5.573	ng/ul	99
79) Pyrene	19.86	202	373307	13.040	ng/ul	95
82) Benzo(a)anthracene	21.71	228	230996	7.828	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	276781	18.002	ng/ul	99
84) Chrysene	21.77	228	242008	8.787	ng/ul	97
87) Benzo(b)fluoranthene	23.97	252	263279	8.907	ng/ul	99
88) Benzo(k)fluoranthene	23.97	252	263279	9.264	ng/ul	99
90) Benzo(a)pyrene	24.85	252	209015	7.421	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.75	276	96774	2.946	ng/ul	95
93) Benzo(g,h,i)perylene	29.89	276	36348	1.325	ng/ul	97

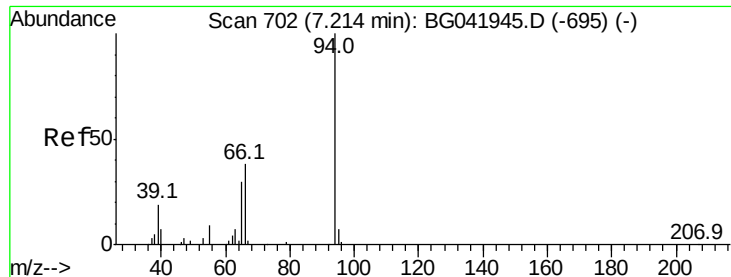
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.199 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG041950.D

Acq: 4 Aug 2019 20:09

Instrument :

BNA_G

ClientSampled :

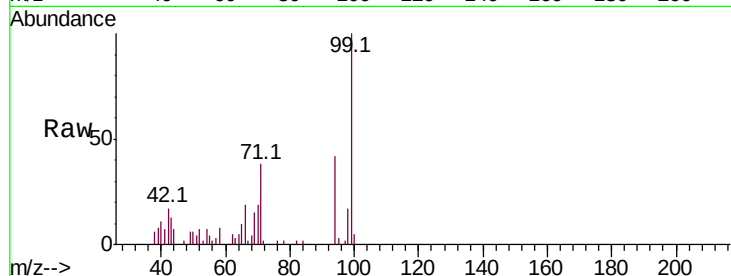
Tot Ion: 94 Resp: 7233

Ion Ratio Lower Upper

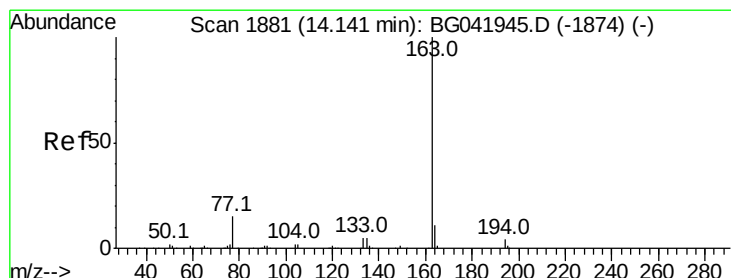
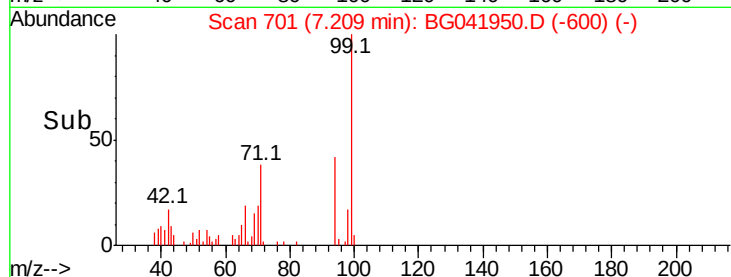
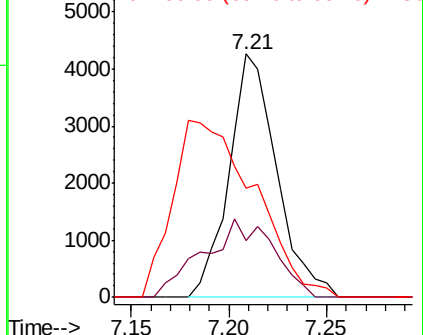
94 100

65 23.3 25.8 38.6#

66 44.8 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: 10.505 ng/ul

RT: 14.14 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BG041950.D

Acq: 4 Aug 2019 20:09

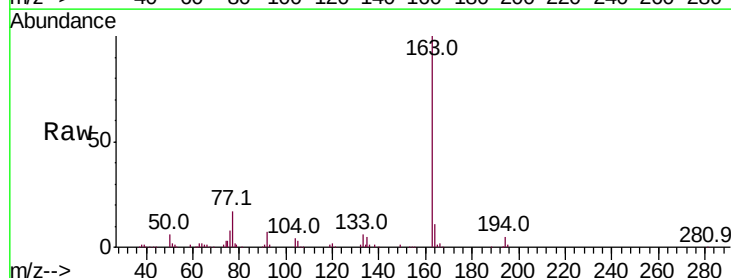
Tgt Ion:163 Resp: 164512

Ion Ratio Lower Upper

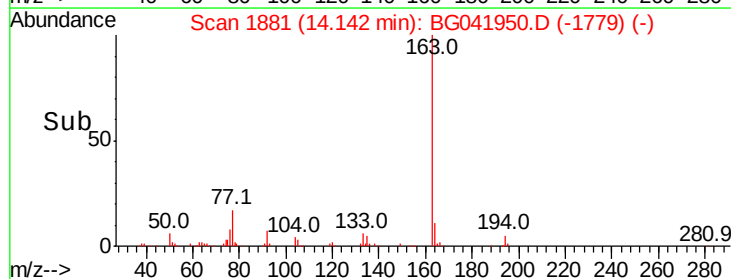
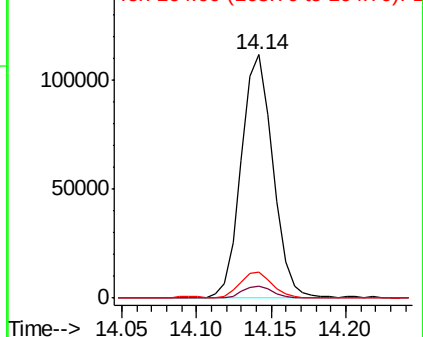
163 100

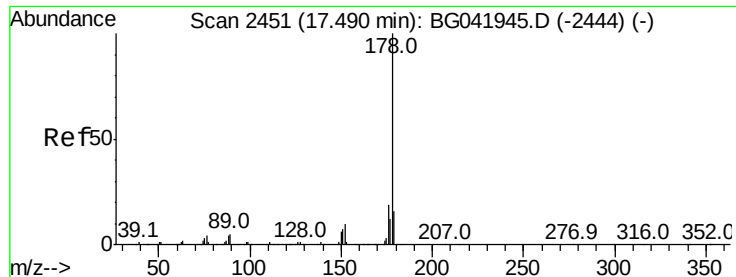
194 4.9 4.2 6.2

164 10.9 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: 6.589 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BG041950.D

Acq: 4 Aug 2019 20:09

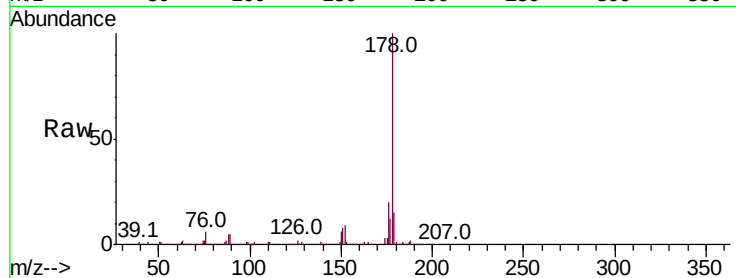
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 156122

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.8	19.2
176	19.8	15.4	23.2

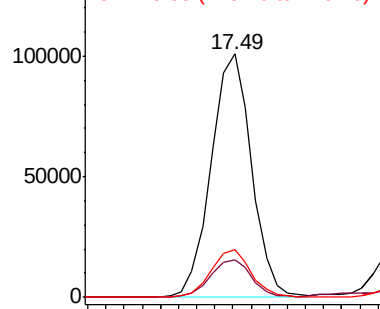


Abundance

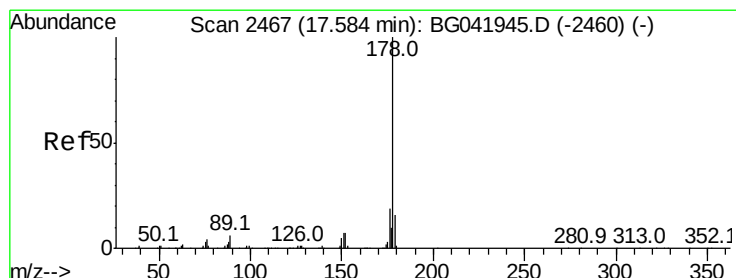
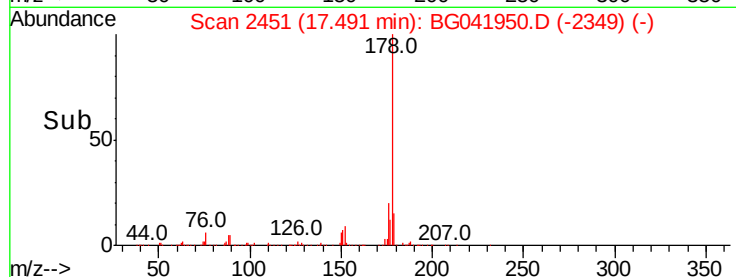
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 1.358 ng/ul

RT: 17.58 min Scan# 2466

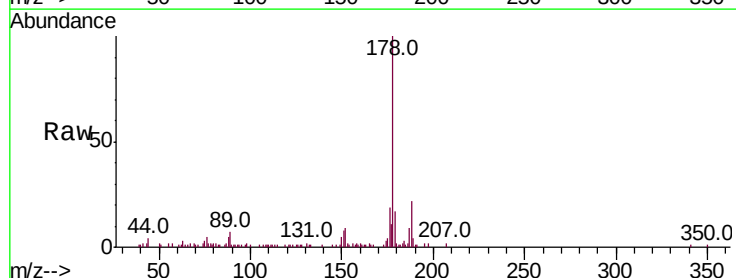
Delta R.T. -0.01 min

Lab File: BG041950.D

Acq: 4 Aug 2019 20:09

Tgt Ion:178 Resp: 32634

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.4	20.0
176	19.4	15.4	23.2

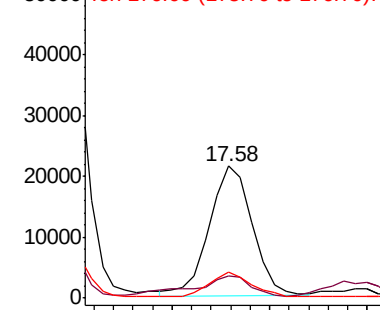


Abundance

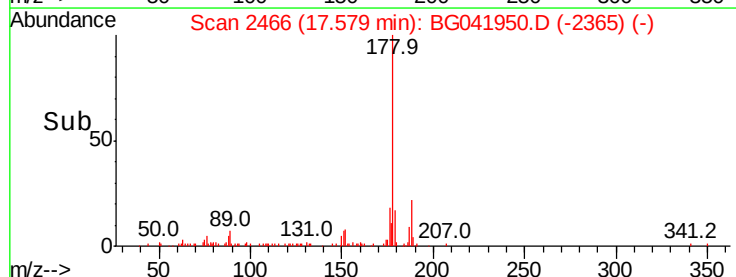
Ion 178.00 (177.70 to 178.70): E

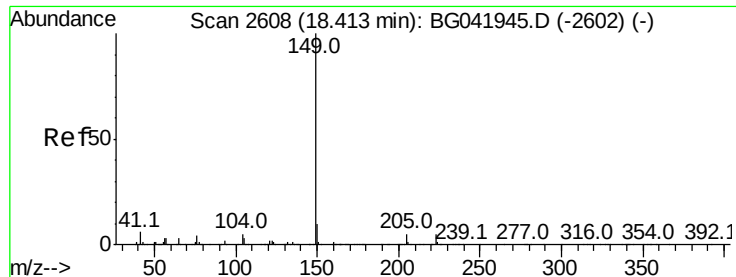
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#75

Di-n-butylphthalate

Concen: 5.573 ng/ul

RT: 18.41 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BG041950.D

Acq: 4 Aug 2019 20:09

Instrument :

BNA_G

ClientSampleId :

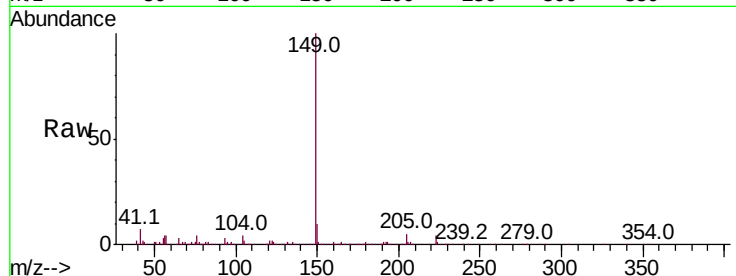
Tot Ion:149 Resp: 136749

Ion Ratio Lower Upper

149 100

150 10.4 8.3 12.5

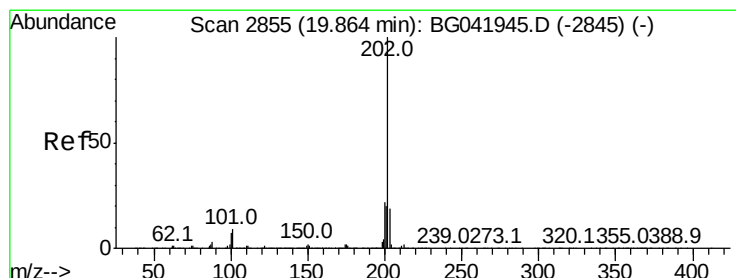
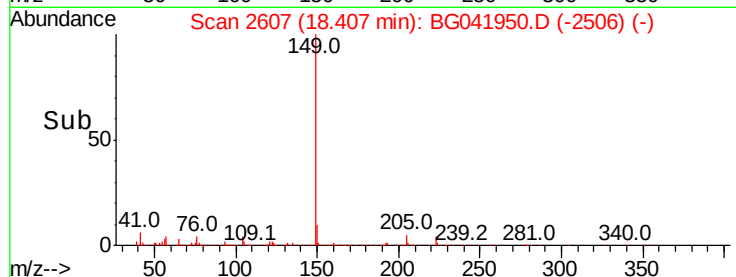
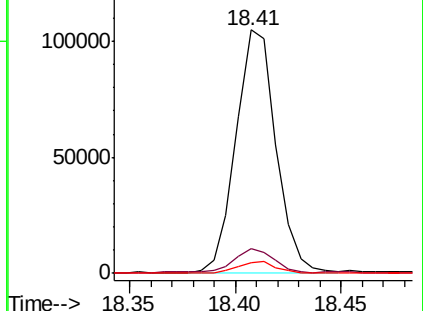
104 4.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#79

Pyrene

Concen: 13.040 ng/ul

RT: 19.86 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BG041950.D

Acq: 4 Aug 2019 20:09

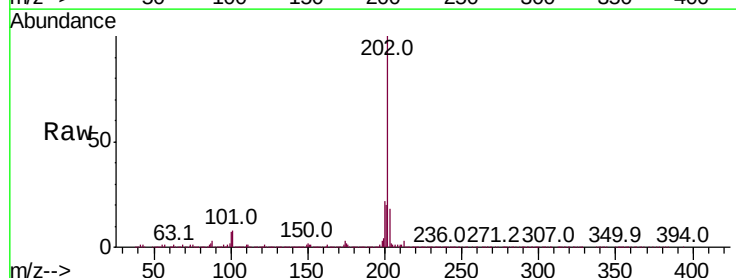
Tgt Ion:202 Resp: 373307

Ion Ratio Lower Upper

202 100

101 7.7 7.6 11.4

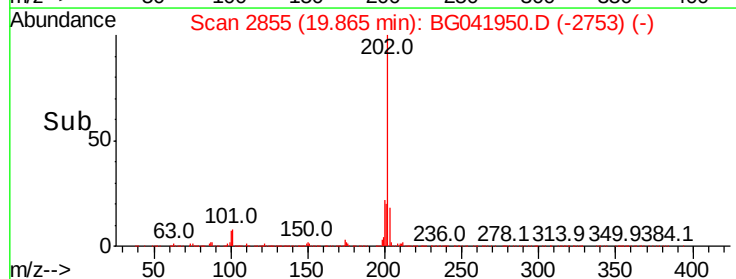
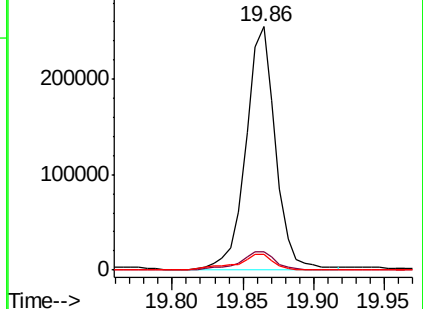
100 6.6 6.5 9.7

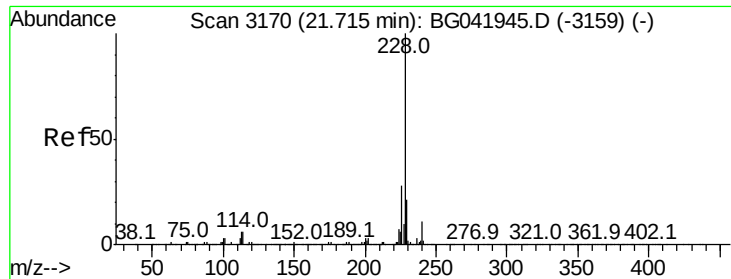


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#82

Benzo(a)anthracene

Concen: 7.828 ng/ul

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG041950.D

Acq: 4 Aug 2019 20:09

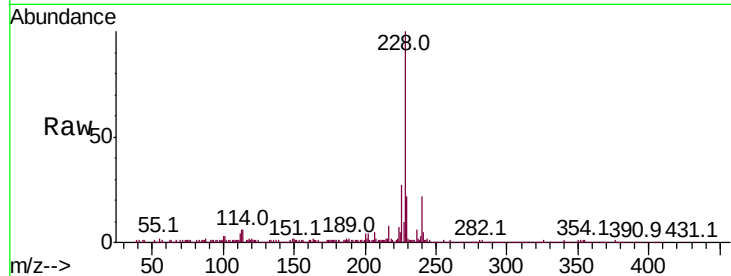
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 230996

Ion	Ratio	Lower	Upper
228	100		
229	21.8	17.0	25.6
226	27.2	23.3	34.9

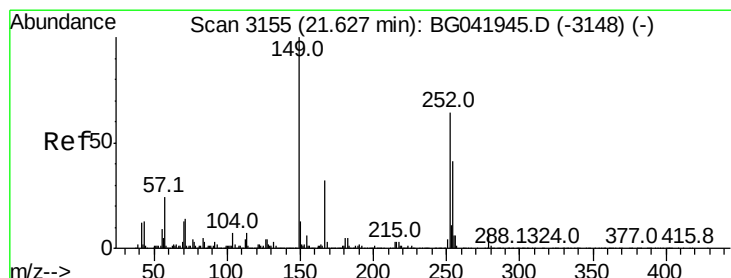
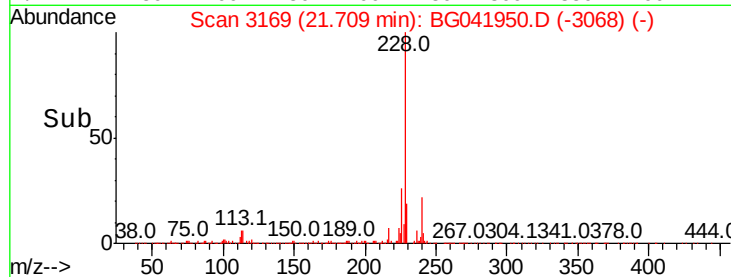
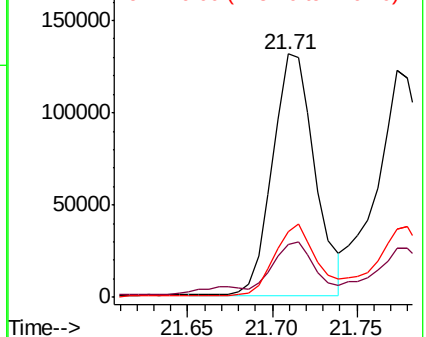


Abundance

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: 18.002 ng/ul

RT: 21.62 min Scan# 3154

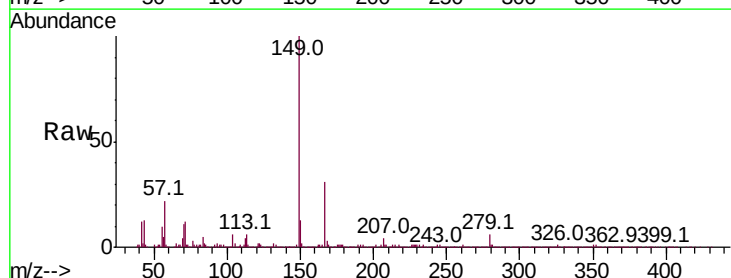
Delta R.T. -0.01 min

Lab File: BG041950.D

Acq: 4 Aug 2019 20:09

Tgt Ion:149 Resp: 276781

Ion	Ratio	Lower	Upper
149	100		
167	30.6	25.0	37.4
279	5.7	5.2	7.8

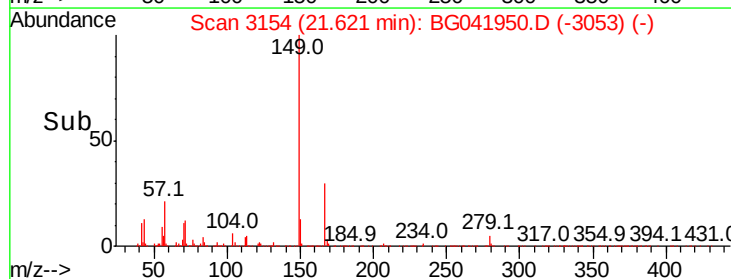
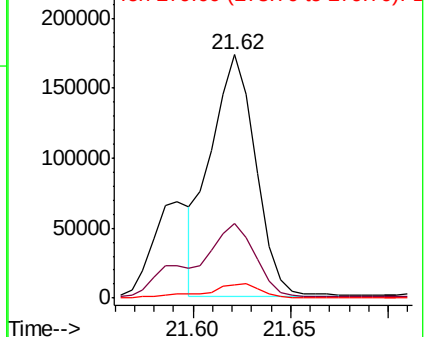


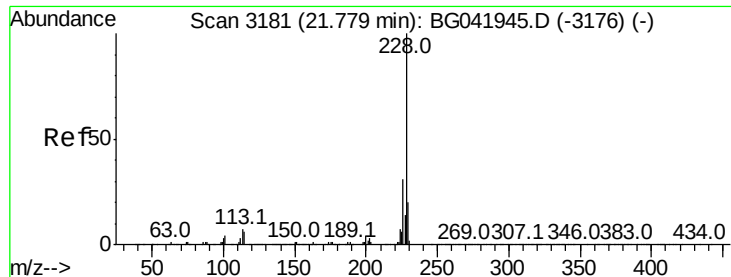
Abundance

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: 8.787 ng/ul

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG041950.D

Acq: 4 Aug 2019 20:09

Instrument :

BNA_G

ClientSampleId :

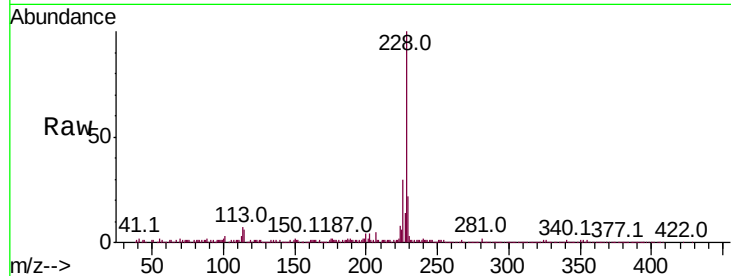
Tot Ion:228 Resp: 242008

Ion Ratio Lower Upper

228 100

226 29.9 25.7 38.5

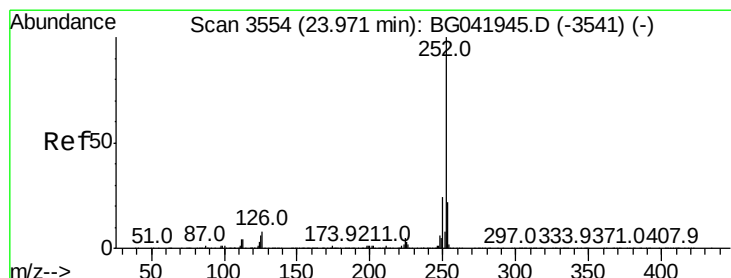
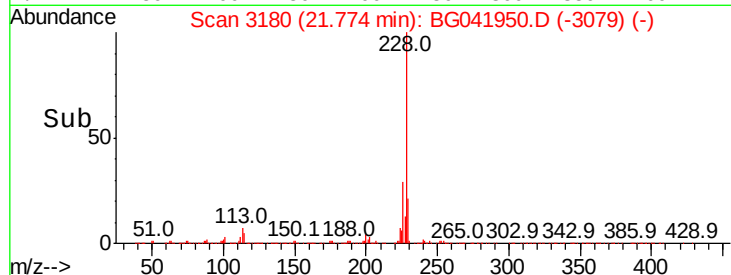
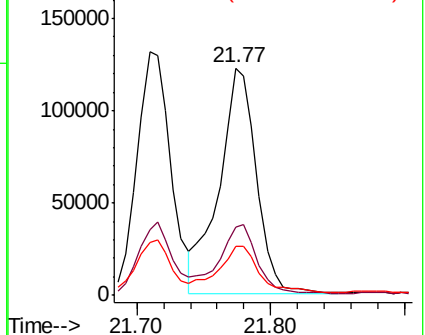
229 21.7 16.6 24.8



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: 8.907 ng/ul

RT: 23.97 min Scan# 3554

Delta R.T. 0.00 min

Lab File: BG041950.D

Acq: 4 Aug 2019 20:09

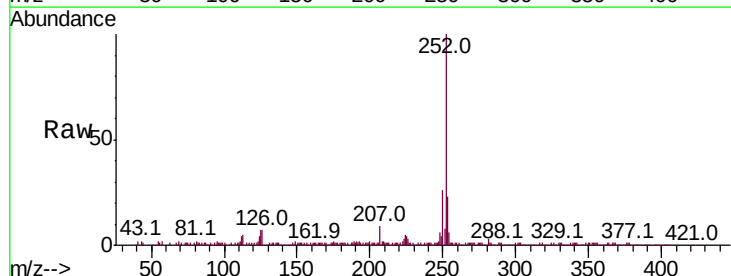
Tgt Ion:252 Resp: 263279

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

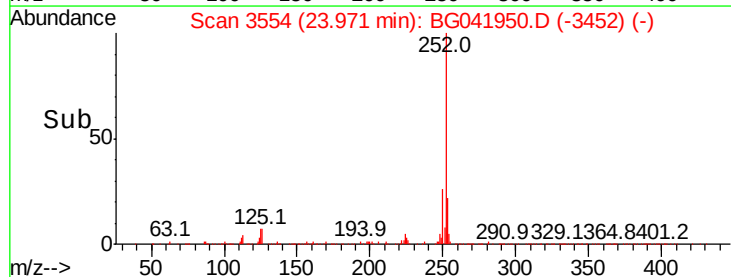
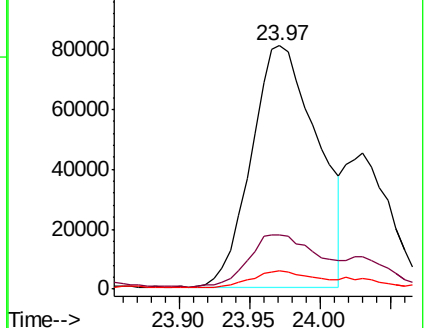
125 7.4 5.8 8.8

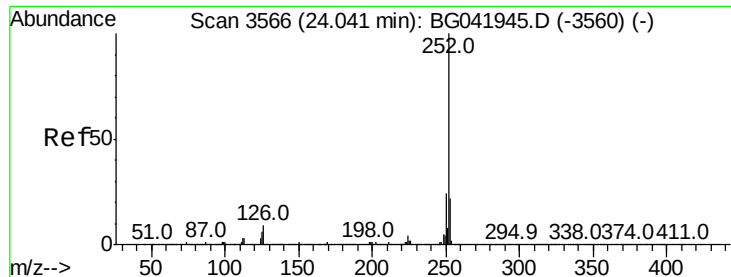


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 9.264 ng/ul

RT: 23.97 min Scan# 3554

Delta R.T. -0.07 min

Lab File: BG041950.D

Acq: 4 Aug 2019 20:09

Instrument :

BNA_G

ClientSampleId :

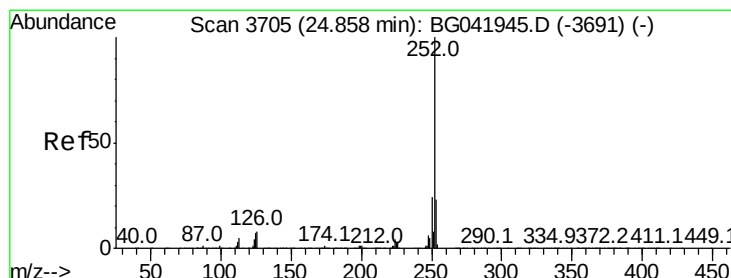
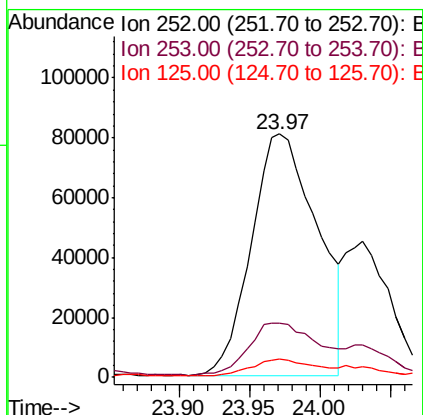
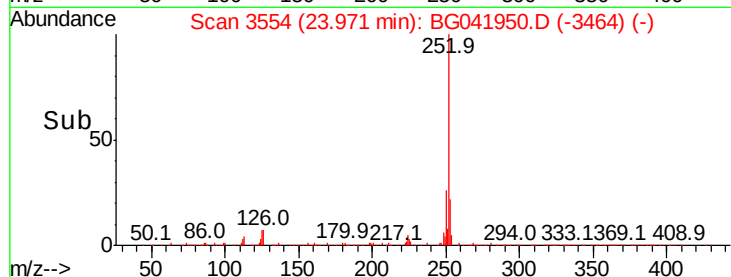
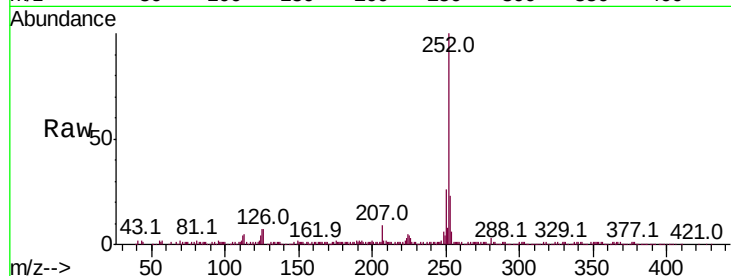
Tot Ion:252 Resp: 263279

Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

125 7.4 5.5 8.3



#90

Benzo(a)pyrene

Concen: 7.421 ng/ul

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041950.D

Acq: 4 Aug 2019 20:09

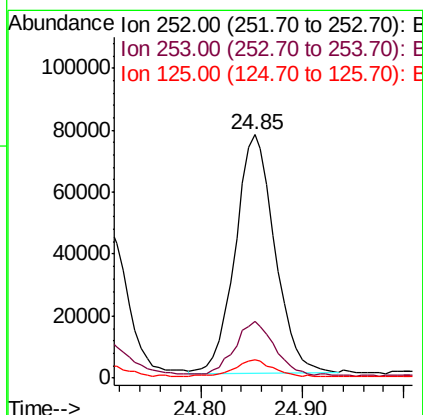
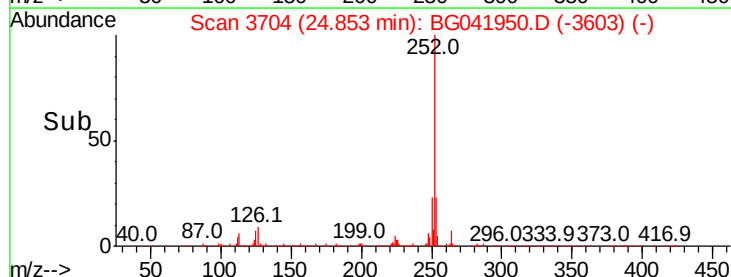
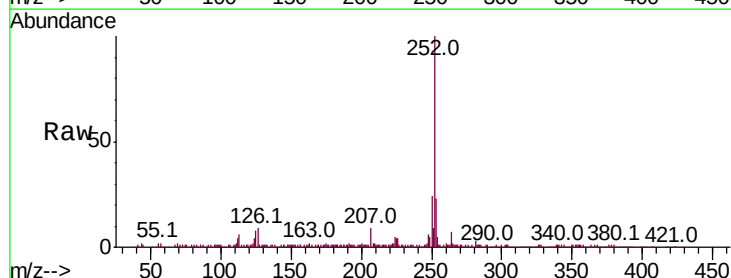
Tgt Ion:252 Resp: 209015

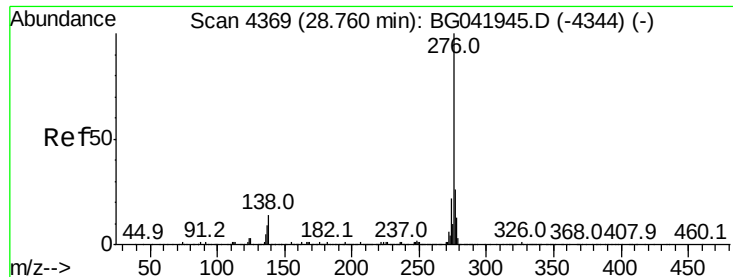
Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

125 7.6 6.5 9.7



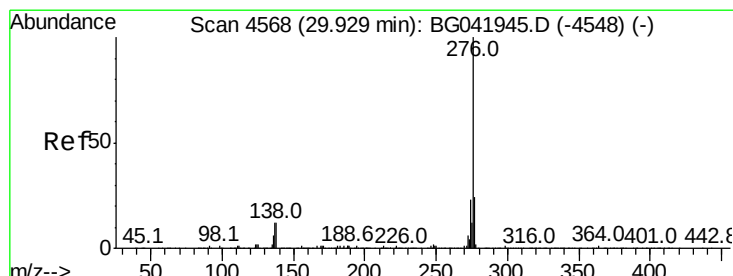
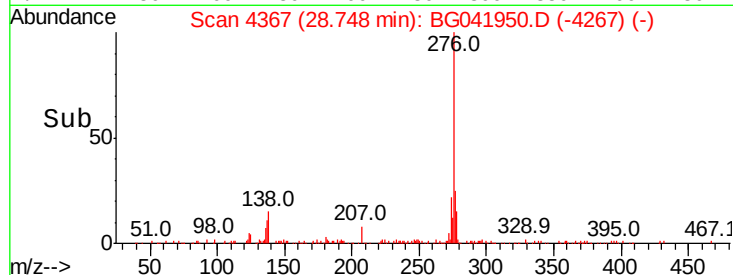
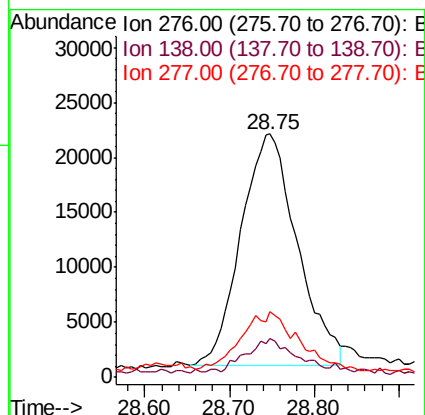
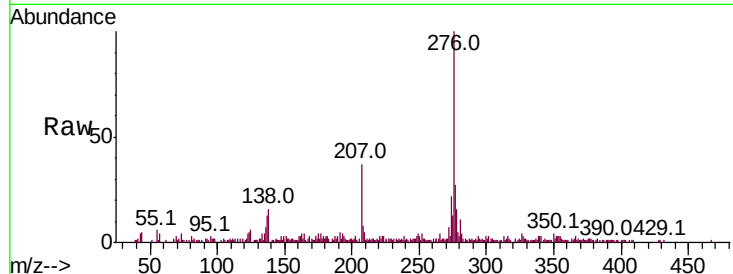


#91

Indeno(1,2,3-cd)pyrene
Concen: 2.946 ng/ul
RT: 28.75 min Scan# 4367
Delta R.T. -0.01 min
Lab File: BG041950.D
Acq: 4 Aug 2019 20:09

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.0	18.0
277	27.0	19.2	28.8



#93

Benzo(g,h,i)perylene
Concen: 1.325 ng/ul
RT: 29.89 min Scan# 4562
Delta R.T. -0.03 min
Lab File: BG041950.D
Acq: 4 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.7	12.6	18.8
277	23.2	19.2	28.8

