

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041951.D
 Acq On : 4 Aug 2019 20:48
 Operator : HP/JU
 Sample : K3962-13
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 05 09:17:48 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	80290	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	325792	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	224345	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	472336	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	476150	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	537247	20.00	ng/ul	0.00

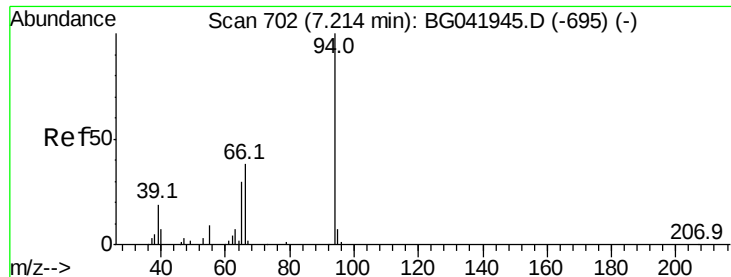
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	4159	2.27	ng/uL	0.00
5) Phenol-d5	7.18	99	104526	16.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	56925	16.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	93024	17.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	79769	15.08	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	47416	19.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	58567	20.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	114947	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	95381	14.95	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	358647	20.61	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	412677	20.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	43668	14.95	ng/ul	0.00
57) Fluorene-d10	15.69	176	315038	20.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	43271	14.28	ng/ul	0.00
70) Anthracene-d10	17.55	188	487825	21.53	ng/ul	0.00
78) Pyrene-d10	19.83	212	550317	20.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	606199	21.60	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.21	94	6760	1.039	ng/ul#	81
44) Dimethylphthalate	14.14	163	144199	8.347	ng/ul	99
69) Phenanthrene	17.49	178	243238	9.407	ng/ul	99
71) Anthracene	17.58	178	52577	2.005	ng/ul	98
76) Fluoranthene	19.50	202	446798	14.955	ng/ul	97
79) Pyrene	19.86	202	543275	16.962	ng/ul	96
82) Benzo(a)anthracene	21.71	228	336497	10.193	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	29870	1.737	ng/ul	97
84) Chrysene	21.78	228	357642	11.607	ng/ul	98
87) Benzo(b)fluoranthene	23.97	252	370080	10.977	ng/ul	99
88) Benzo(k)fluoranthene	23.97	252	370080	11.416	ng/ul	99
90) Benzo(a)pyrene	24.86	252	296879	9.241	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.74	276	138066	3.684	ng/ul	95
92) Dibenzo(a,h)anthracene	28.79	278	35009	1.145	ng/ul	95
93) Benzo(g,h,i)perylene	29.92	276	128342	4.102	ng/ul	99

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



#6

Phenol

Concen: 1.039 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG041951.D

Acq: 4 Aug 2019 20:48

Instrument :

BNA_G

ClientSampled :

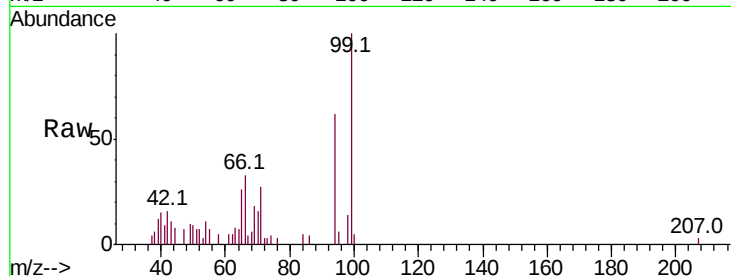
Tot Ion: 94 Resp: 6760

Ion Ratio Lower Upper

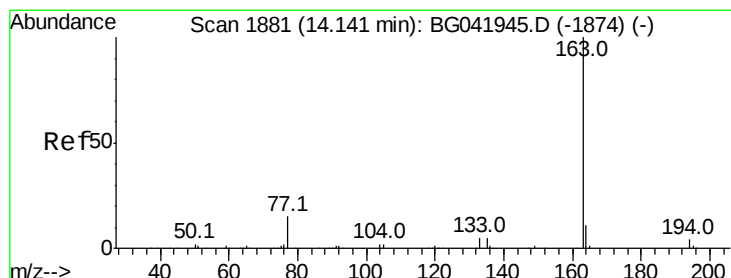
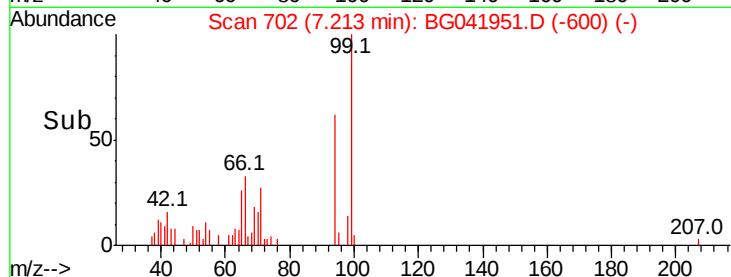
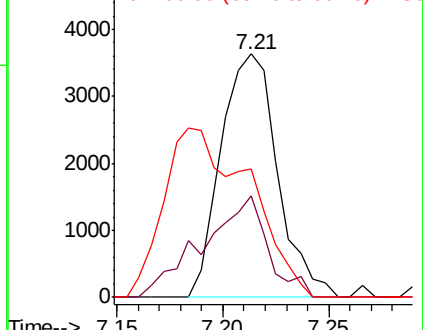
94 100

65 41.7 25.8 38.6#

66 52.8 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: 8.347 ng/ul

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG041951.D

Acq: 4 Aug 2019 20:48

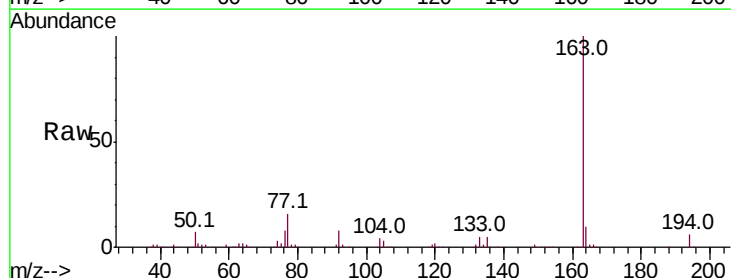
Tgt Ion:163 Resp: 144199

Ion Ratio Lower Upper

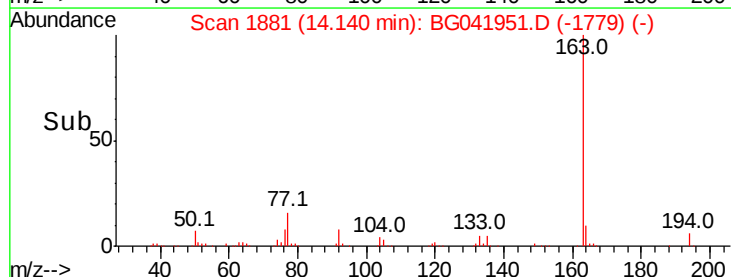
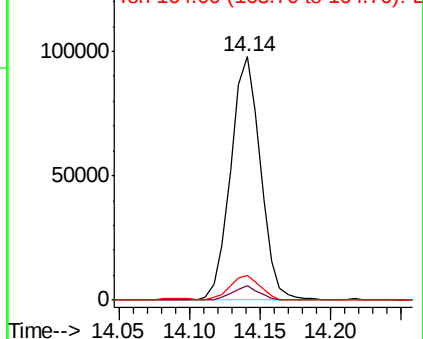
163 100

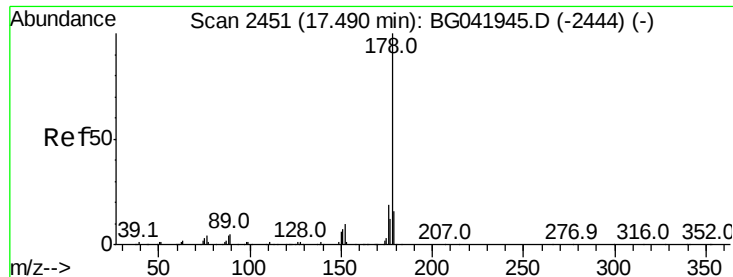
194 6.0 4.2 6.2

164 10.1 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: 9.407 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG041951.D

Acq: 4 Aug 2019 20:48

Instrument :

BNA_G

ClientSampleId :

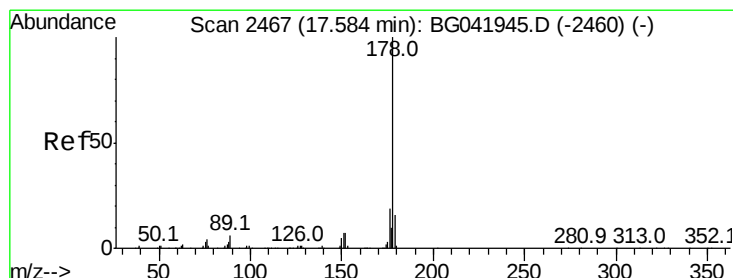
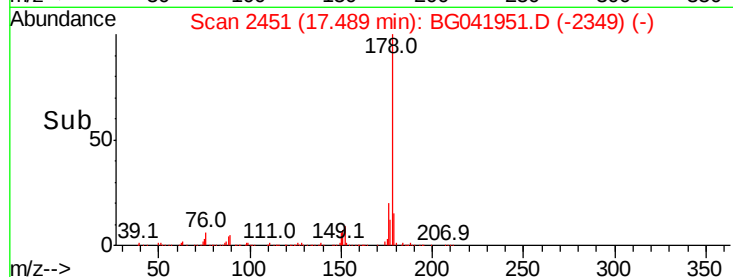
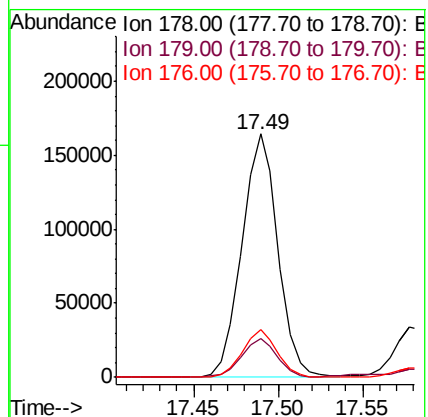
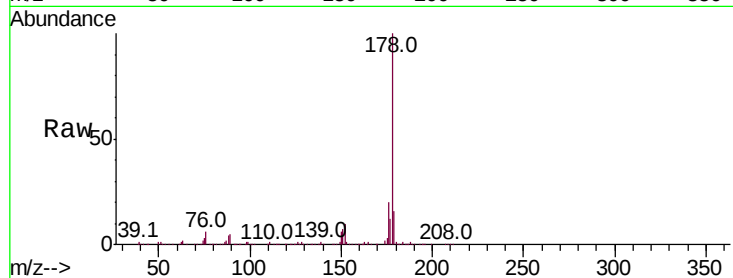
Tot Ion:178 Resp: 243238

Ion Ratio Lower Upper

178 100

179 15.7 12.8 19.2

176 19.8 15.4 23.2



#71

Anthracene

Concen: 2.005 ng/ul

RT: 17.58 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BG041951.D

Acq: 4 Aug 2019 20:48

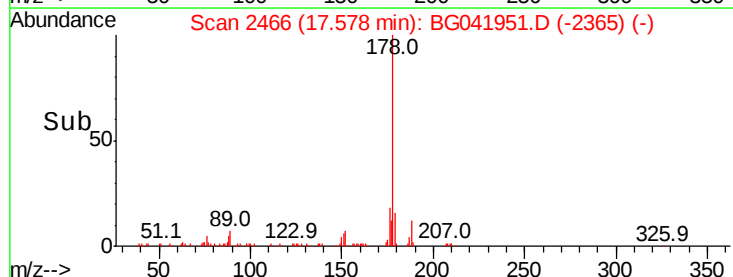
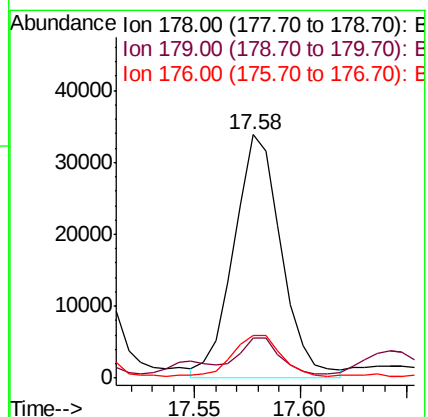
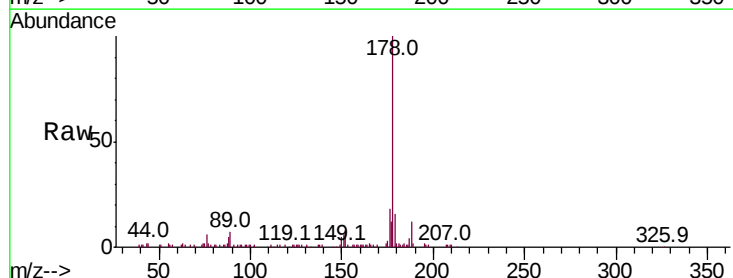
Tgt Ion:178 Resp: 52577

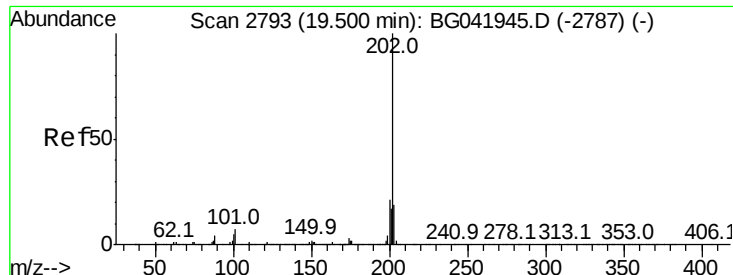
Ion Ratio Lower Upper

178 100

179 16.3 13.4 20.0

176 17.7 15.4 23.2

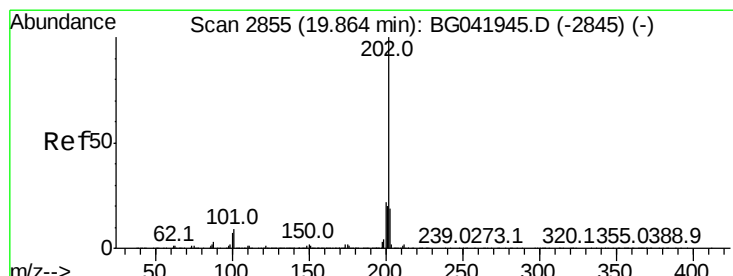
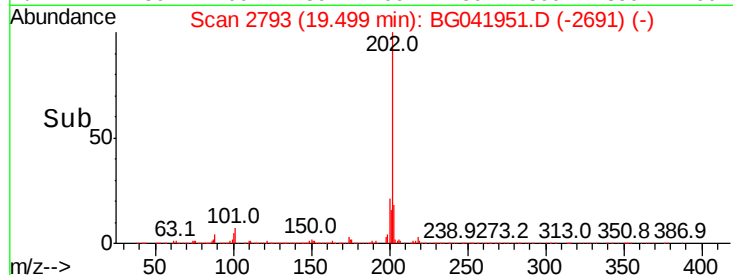
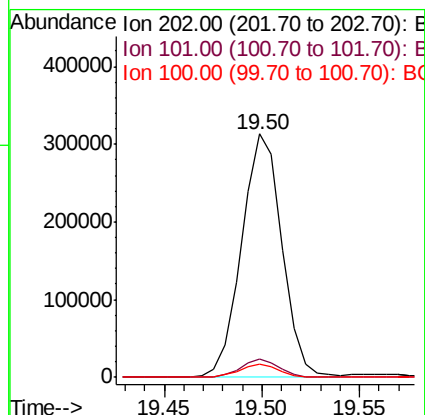
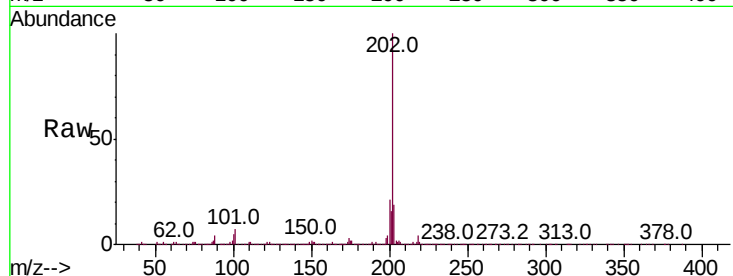




#76
Fluoranthene
Concen: 14.955 ng/ul
RT: 19.50 min Scan# 2793
Delta R.T. -0.00 min
Lab File: BG041951.D
Acq: 4 Aug 2019 20:48

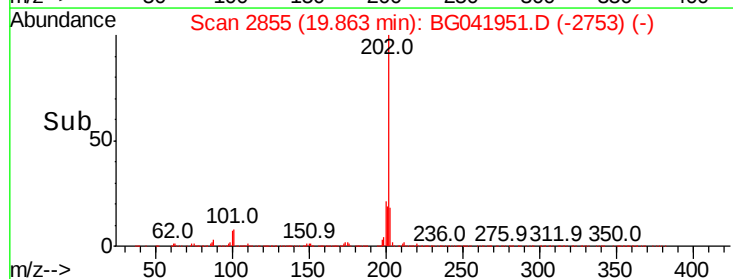
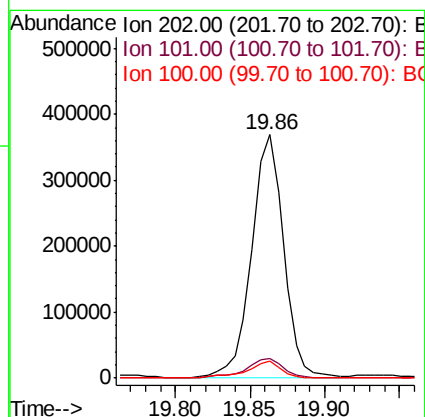
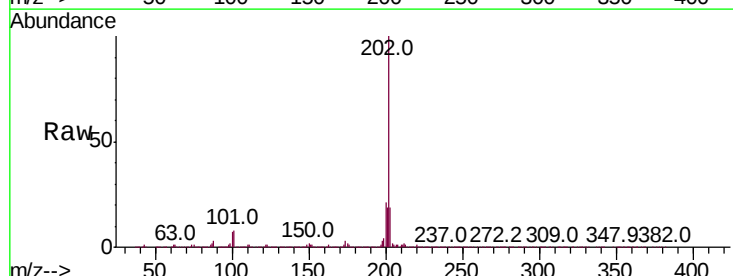
Instrument :
BNA_G
ClientSampleId :

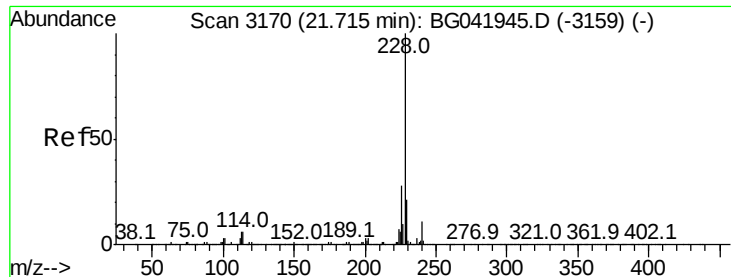
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.7	10.1
100	5.4	5.3	7.9



#79
Pyrene
Concen: 16.962 ng/ul
RT: 19.86 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG041951.D
Acq: 4 Aug 2019 20:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.6	11.4
100	6.8	6.5	9.7





#82

Benzo(a)anthracene

Concen: 10.193 ng/ul

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG041951.D

Acq: 4 Aug 2019 20:48

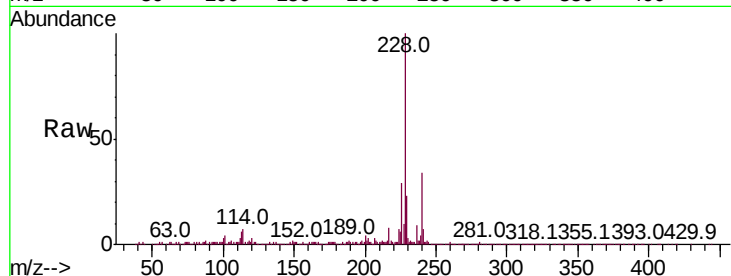
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 336497

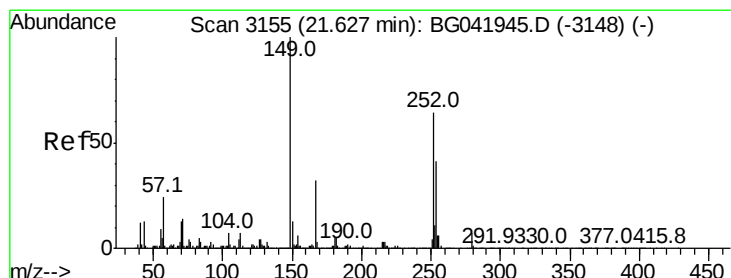
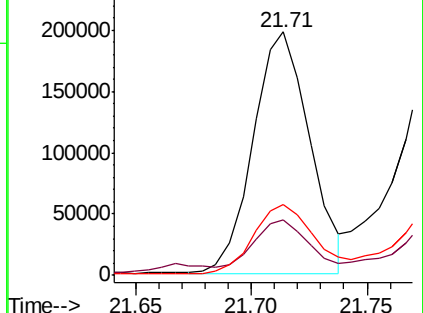
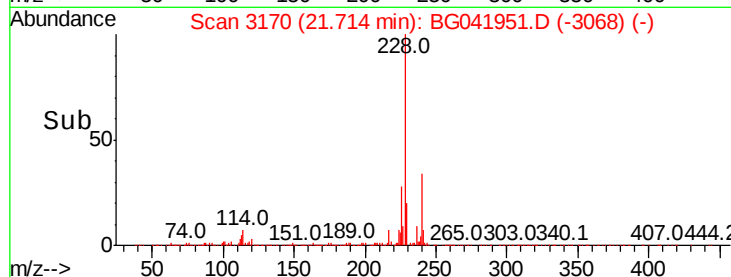
Ion	Ratio	Lower	Upper
228	100		
229	22.8	17.0	25.6
226	28.9	23.3	34.9



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: 1.737 ng/ul

RT: 21.62 min Scan# 3154

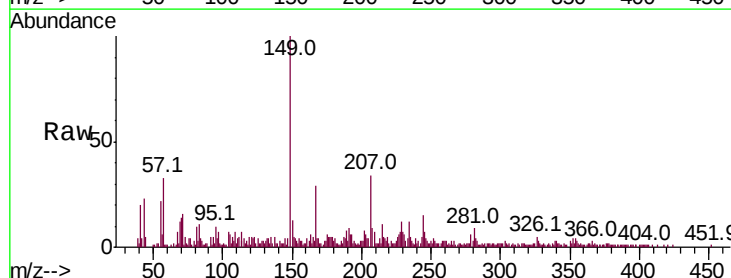
Delta R.T. -0.01 min

Lab File: BG041951.D

Acq: 4 Aug 2019 20:48

Tgt Ion:149 Resp: 29870

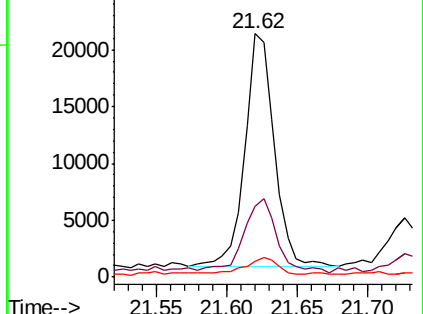
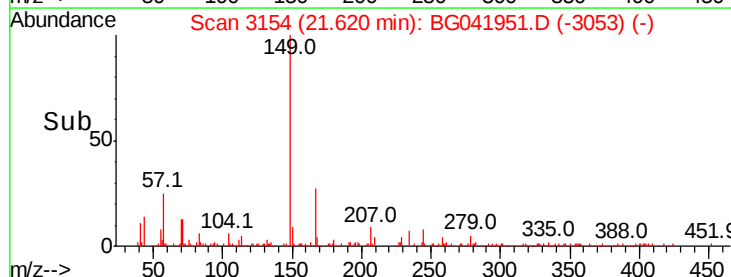
Ion	Ratio	Lower	Upper
149	100		
167	29.0	25.0	37.4
279	6.4	5.2	7.8

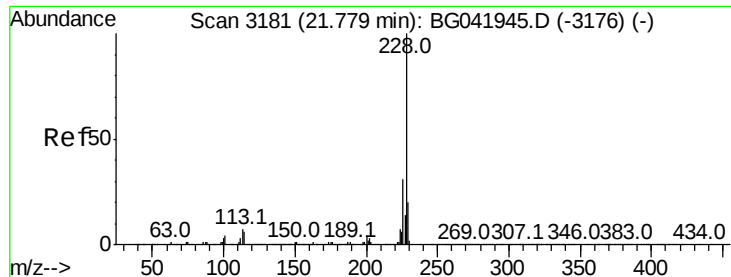


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 11.607 ng/ul

RT: 21.78 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BG041951.D

Acq: 4 Aug 2019 20:48

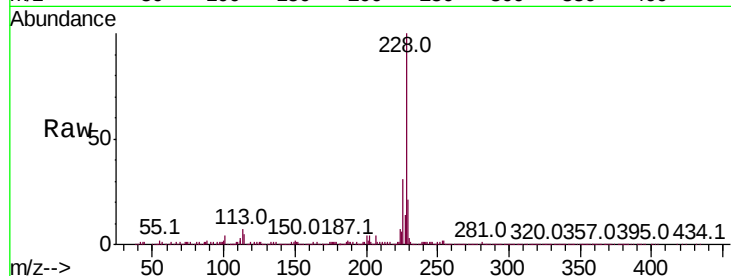
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 357642

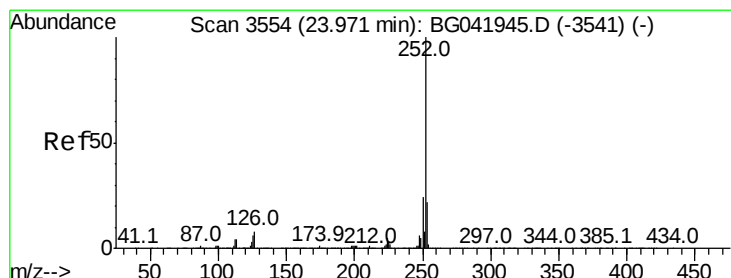
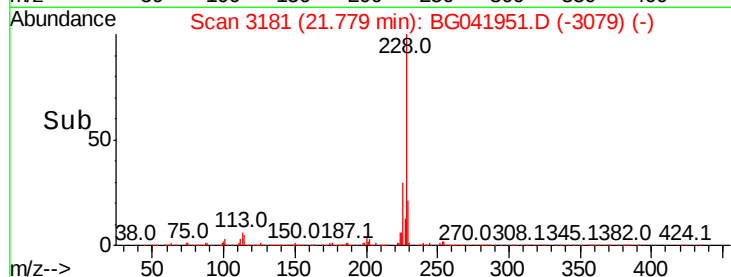
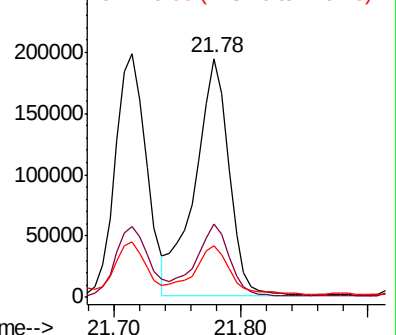
Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.7	38.5
229	21.3	16.6	24.8



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: 10.977 ng/ul

RT: 23.97 min Scan# 3554

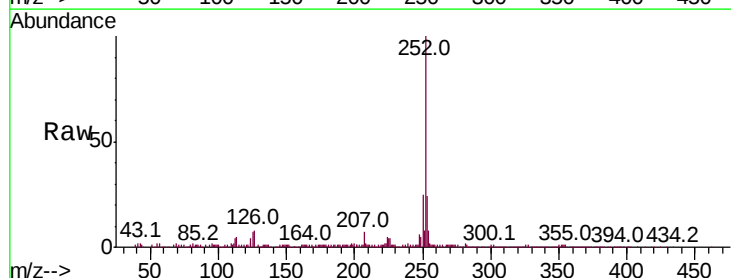
Delta R.T. -0.00 min

Lab File: BG041951.D

Acq: 4 Aug 2019 20:48

Tgt Ion:252 Resp: 370080

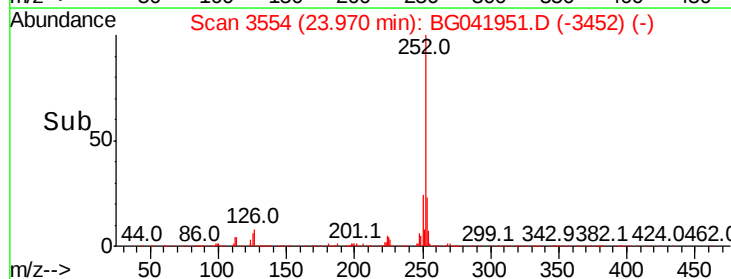
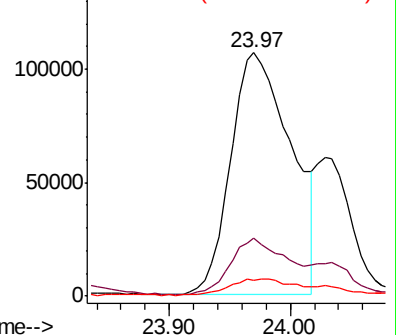
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	6.7	5.8	8.8

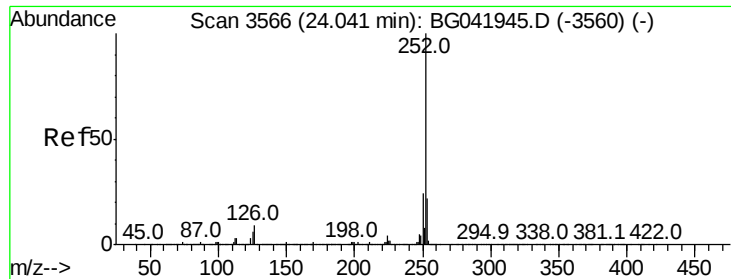


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 11.416 ng/ul

RT: 23.97 min Scan# 3554

Delta R.T. -0.07 min

Lab File: BG041951.D

Acq: 4 Aug 2019 20:48

Instrument :

BNA_G

ClientSampleId :

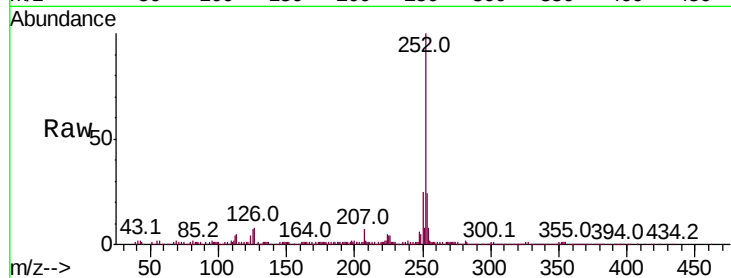
Tot Ion:252 Resp: 370080

Ion Ratio Lower Upper

252 100

253 23.6 18.3 27.5

125 6.7 5.5 8.3

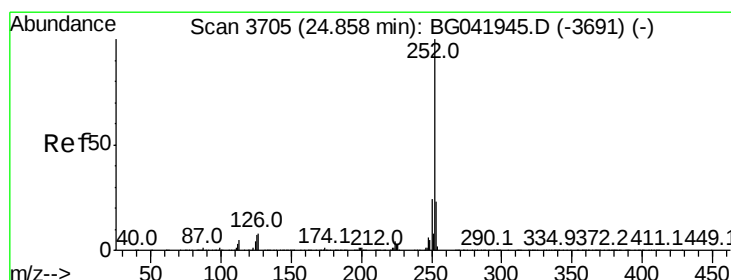
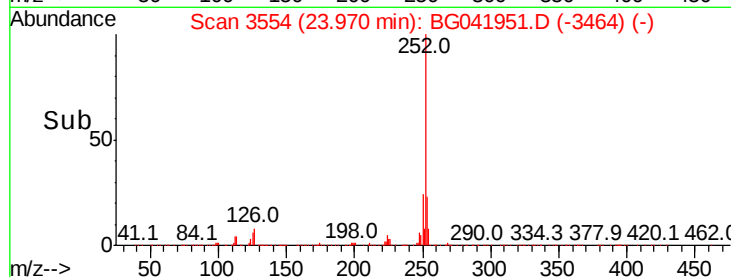
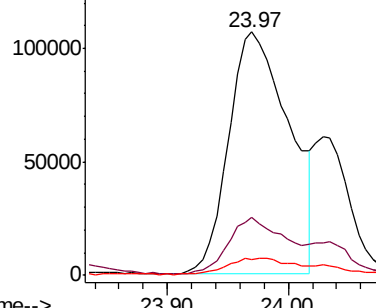


Abundance

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: 9.241 ng/ul

RT: 24.86 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG041951.D

Acq: 4 Aug 2019 20:48

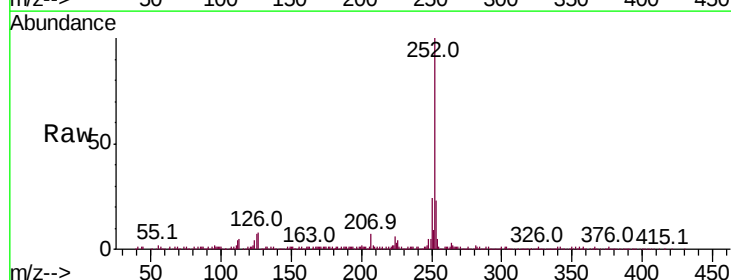
Tgt Ion:252 Resp: 296879

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

125 6.9 6.5 9.7

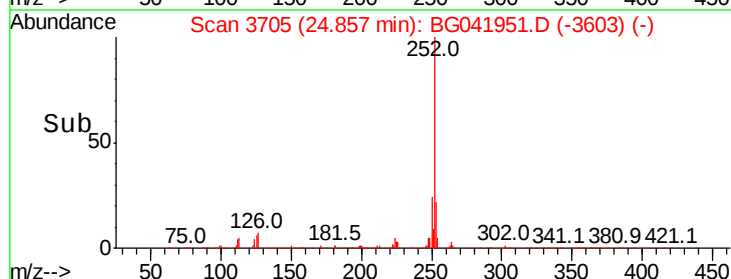
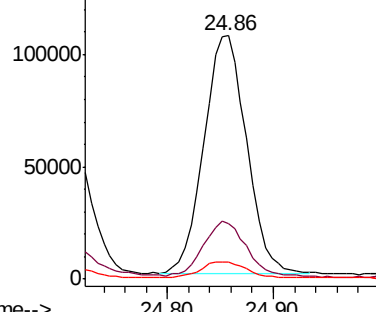


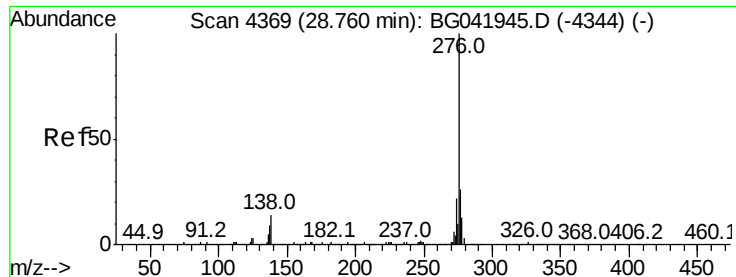
Abundance

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



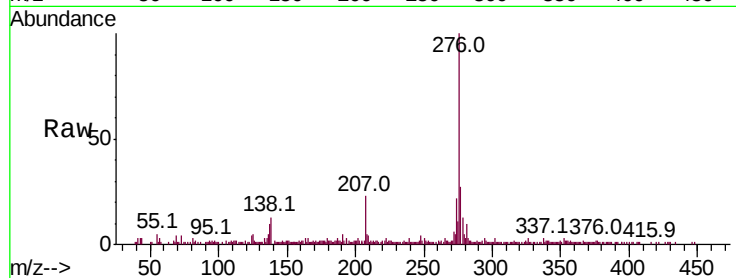


#91

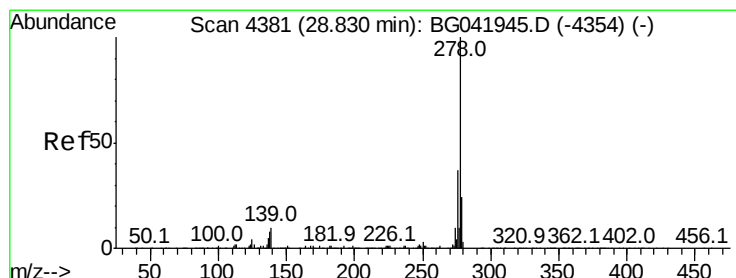
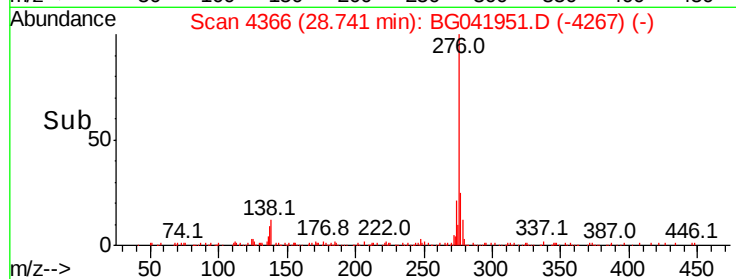
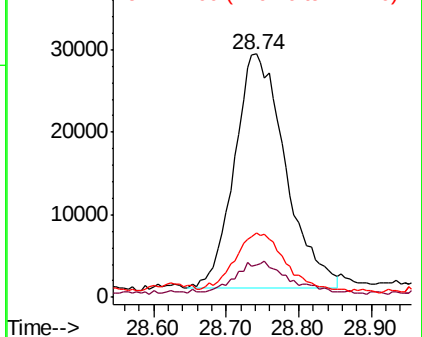
Indeno(1,2,3-cd)pyrene
Concen: 3.684 ng/ul
RT: 28.74 min Scan# 4366
Delta R.T. -0.02 min
Lab File: BG041951.D
Acq: 4 Aug 2019 20:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.3	12.0	18.0
277	26.6	19.2	28.8



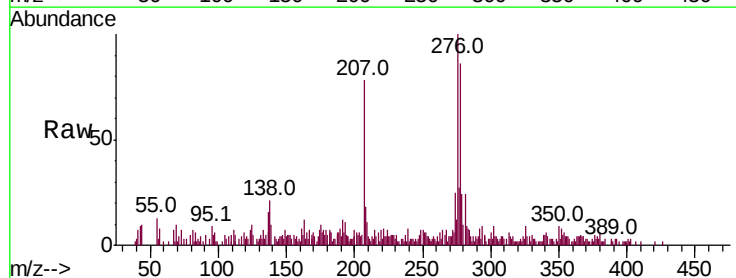
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



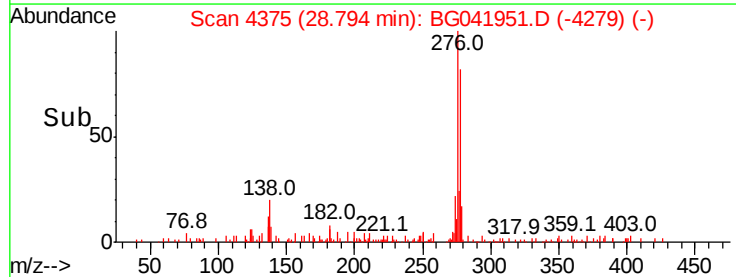
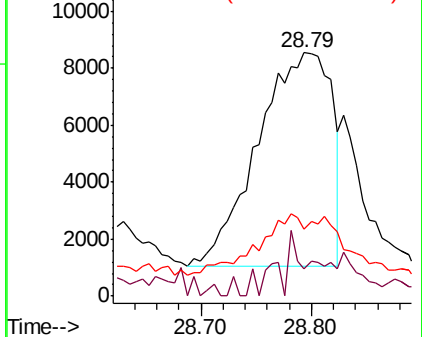
#92

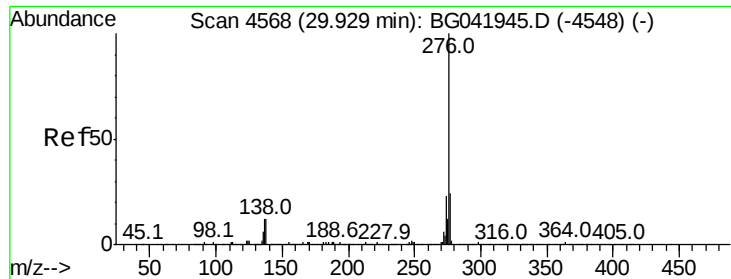
Dibenzo(a,h)anthracene
Concen: 1.145 ng/ul
RT: 28.79 min Scan# 4375
Delta R.T. -0.04 min
Lab File: BG041951.D
Acq: 4 Aug 2019 20:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.4	9.4	14.0
279	27.5	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(a,h,i)perylene

Concen: 4.102 ng/ul

RT: 29.92 min Scan# 4566

Delta R.T. -0.01 min

Lab File: BG041951.D

Acq: 4 Aug 2019 20:48

Instrument :

BNA_G

ClientSampleId :

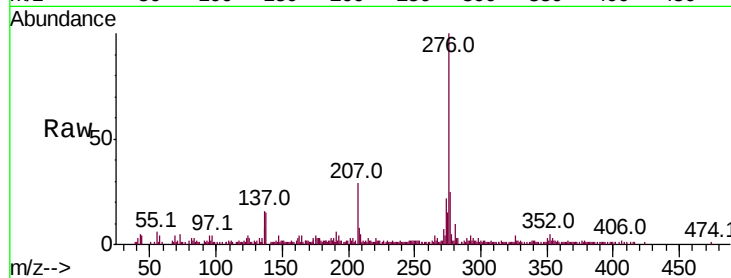
Tot Ion: 276 Resp: 128342

Ion Ratio Lower Upper

276 100

138 15.3 12.6 18.8

277 24.8 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

