

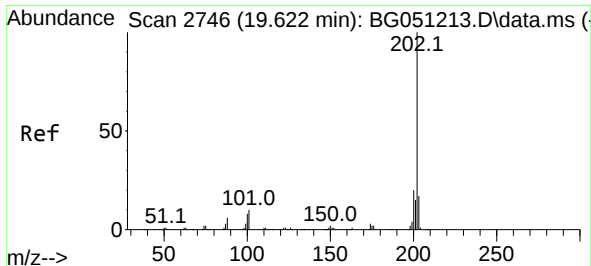
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051219.D
 Acq On : 24 Nov 2021 19:36
 Operator : CG/JU
 Sample : M4702-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLP3

Quant Time: Nov 25 00:09:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng/ul	-8.20
20) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-11.03
38) Acenaphthene-d10	0.000	164	0	0.000	ng/ul	-14.83
64) Phenanthrene-d10	17.677	188	171137	20.000	ng/ul	0.10
79) Chrysene-d12	21.995	240	213	20.000	ng/ul	# 0.11
88) Perylene-d12	25.409	264	145	20.000	ng/ul	# 0.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	2203	0.000	ng/uL	0.00
4) Pyridine-d5	3.975	84	20517	0.000	ng/ul	0.00
7) Phenol-d5	7.360	99	50895	0.000	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.512	67	30898	0.000	ng/ul	0.00
11) 2-Chlorophenol-d4	7.730	132	36743	0.000	ng/ul	0.00
15) 4-Methylphenol-d8	8.911	113	37995	0.000	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	19112	0.000	ng/ul	0.00
24) 2-Nitrophenol-d4	10.103	143	22379	0.000	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	39407	0.000	ng/ul	0.00
31) 4-Chloroaniline-d4	11.167	131	25368	0.000	ng/ul	0.00
46) Dimethylphthalate-d6	14.222	166	127138	0.000	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	162499	0.000	ng/ul	0.00
54) 4-Nitrophenol-d4	15.051	143	17610	0.000	ng/ul	0.00
60) Fluorene-d10	15.820	176	116083	0.000	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.008	200	72	0.068	ng/ul	0.06
73) Anthracene-d10	17.677	188	171137	20.909	ng/ul	0.00
81) Pyrene-d10	19.957	212	189043	14668.015	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.150	264	230	29.700	ng/ul	0.11
Target Compounds						
					Qvalue	
80) Fluoranthene	19.774	202	4086	258.125	ng/ul	97
82) Pyrene	19.986	202	82681	5339.617	ng/ul	98
83) Butylbenzylphthalate	20.844	149	3165	491.658	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.878	252	101	20.366	ng/ul#	26
85) Benzo(a)anthracene	21.925	228	43241	2993.111	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.854	149	1336	144.224	ng/ul#	94
87) Chrysene	21.925	228	43241	3115.645	ng/ul	96
89) Di-n-octyl phthalate	23.100	149	107	10.186	ng/ul	100
90) Benzo(b)fluoranthene	24.257	252	20726	2118.022	ng/ul	95
91) Benzo(k)fluoranthene	24.257	252	20726	2257.036	ng/ul	93
93) Benzo(a)pyrene	25.262	252	168	17.996	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	29.193	276	29438	2817.887	ng/ul	96
95) Dibenzo(a,h)anthracene	29.375	278	567	63.976	ng/ul#	1
96) Benzo(g,h,i)perylene	30.427	276	28758	3271.874	ng/ul	94

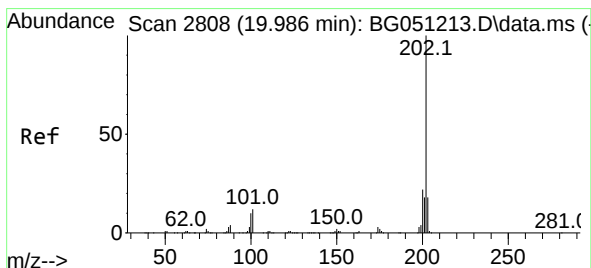
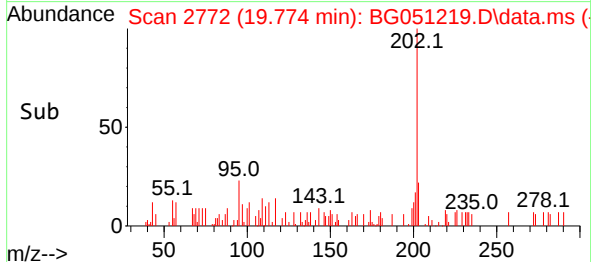
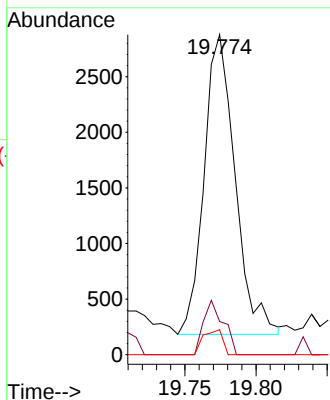
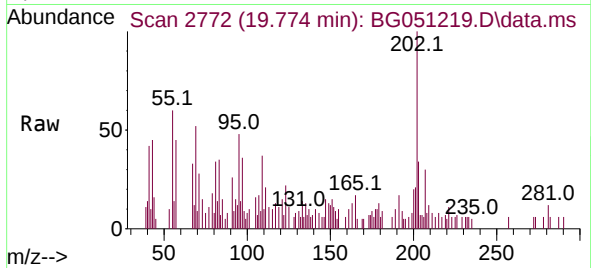
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#80
Fluoranthene
Concen: 258.125 ng/u1
RT: 19.774 min Scan# 21
Delta R.T. 0.149 min
Lab File: BG051219.D
Acq: 24 Nov 2021 19:36

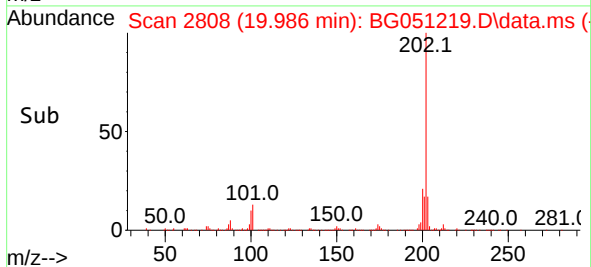
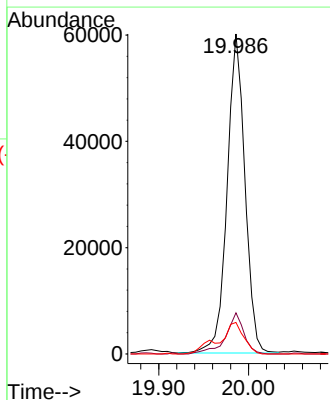
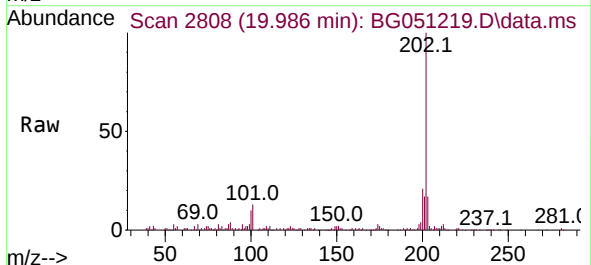
Instrument :
BNA_G
ClientSampleId :
DBLP3

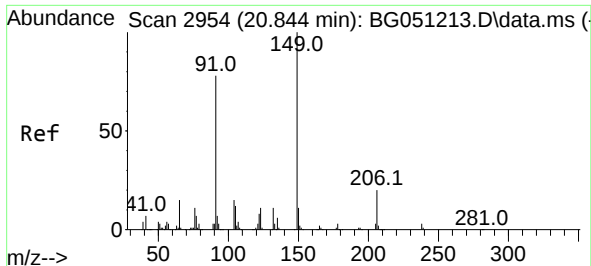
Tgt Ion:202 Resp: 4086
Ion Ratio Lower Upper
202 100
101 10.4 9.3 13.9
100 7.8 7.0 10.6



#82
Pyrene
Concen: 5339.617 ng/u1
RT: 19.986 min Scan# 2808
Delta R.T. -0.003 min
Lab File: BG051219.D
Acq: 24 Nov 2021 19:36

Tgt Ion:202 Resp: 82681
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 9.9 9.0 13.6

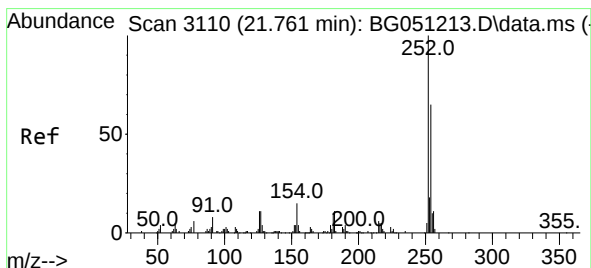
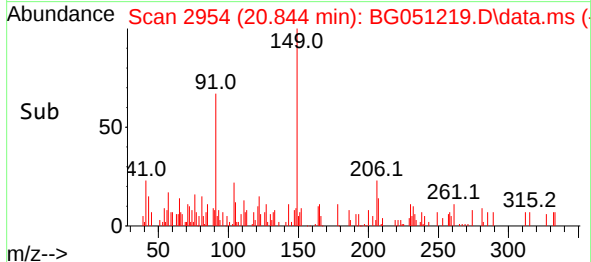
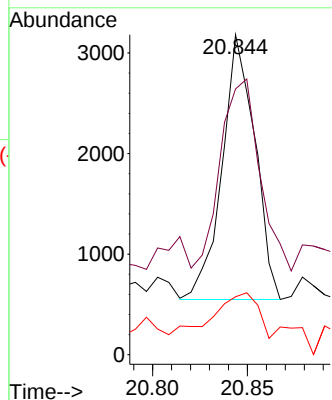
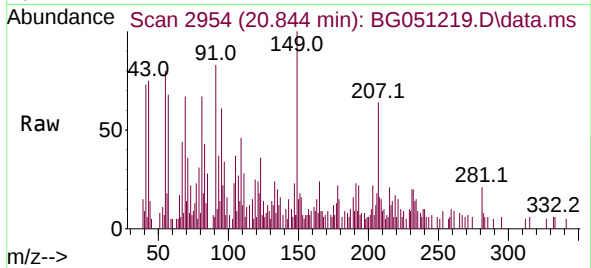




#83
Butylbenzylphthalate
Concen: 491.658 ng/ul
RT: 20.844 min Scan# 2954
Delta R.T. -0.003 min
Lab File: BG051219.D
Acq: 24 Nov 2021 19:36

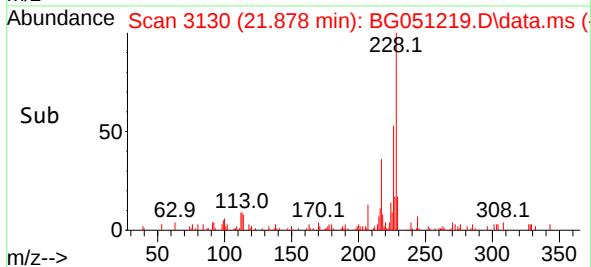
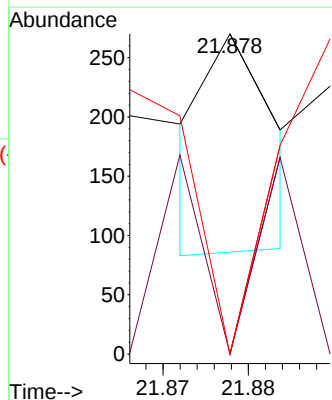
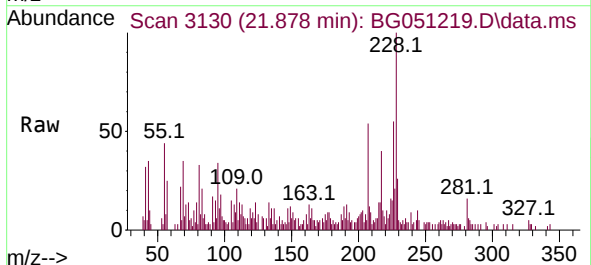
Instrument :
BNA_G
ClientSampleId :
DBLP3

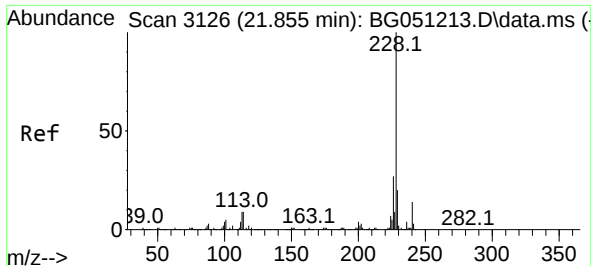
Tgt Ion:	149	Resp:	3165
Ion Ratio	Lower	Upper	
149	100		
91	83.1	65.2	97.8
206	18.1	16.2	24.2



#84
3,3'-Dichlorobenzidine
Concen: 20.366 ng/ul
RT: 21.878 min Scan# 3130
Delta R.T. 0.108 min
Lab File: BG051219.D
Acq: 24 Nov 2021 19:36

Tgt Ion:	252	Resp:	101
Ion Ratio	Lower	Upper	
252	100		
254	0.0	50.8	76.2#
126	0.0	9.0	13.4#

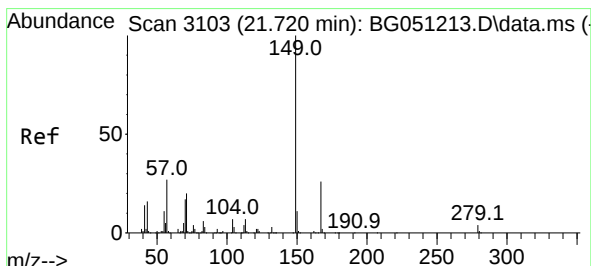
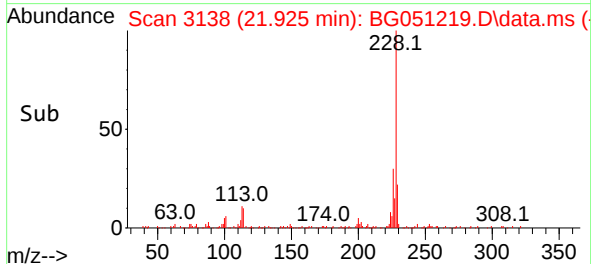
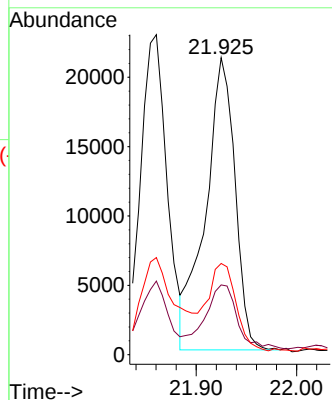
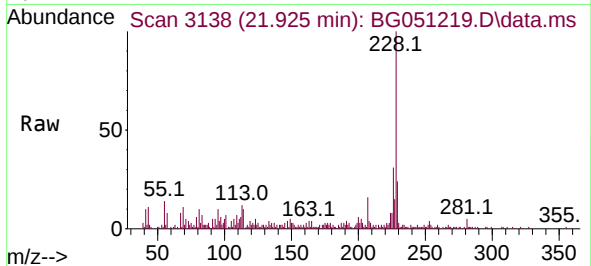




#85
Benzo(a)anthracene
Concen: 2993.111 ng/ul
RT: 21.925 min Scan# 3126
Delta R.T. 0.061 min
Lab File: BG051219.D
Acq: 24 Nov 2021 19:36

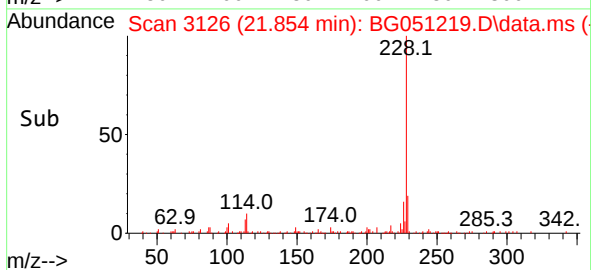
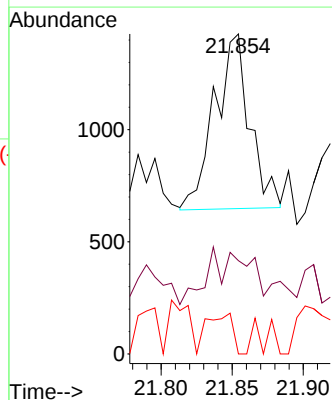
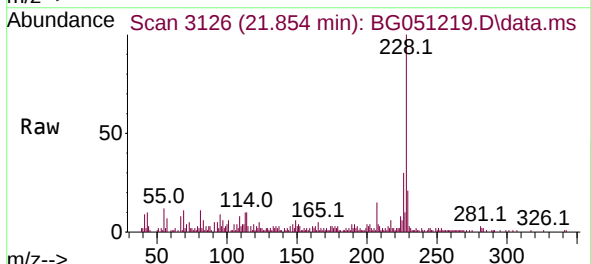
Instrument :
BNA_G
ClientSampleId :
DBLP3

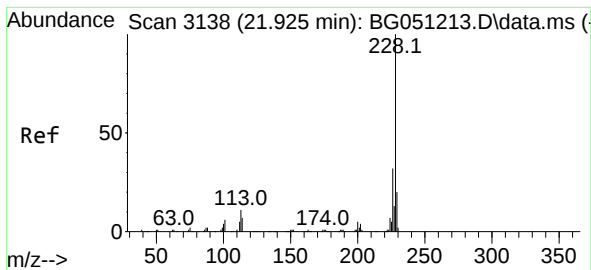
Tgt Ion:228 Resp: 43241
Ion Ratio Lower Upper
228 100
229 23.5 15.7 23.5
226 30.7 22.3 33.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 144.224 ng/ul
RT: 21.854 min Scan# 3126
Delta R.T. 0.132 min
Lab File: BG051219.D
Acq: 24 Nov 2021 19:36

Tgt Ion:149 Resp: 1336
Ion Ratio Lower Upper
149 100
167 29.2 21.1 31.7
279 0.0 2.7 4.1#





#87

Chrysene

Concen: 3115.645 ng/ul

RT: 21.925 min Scan# 3138

Delta R.T. -0.009 min

Lab File: BG051219.D

Acq: 24 Nov 2021 19:36

Instrument :

BNA_G

ClientSampleId :

DBLP3

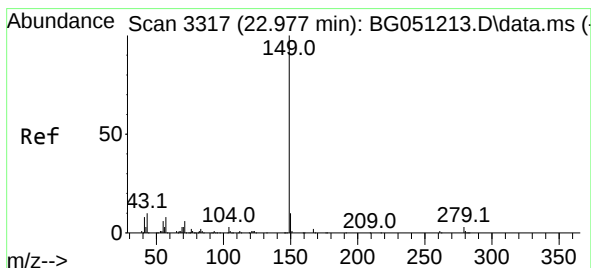
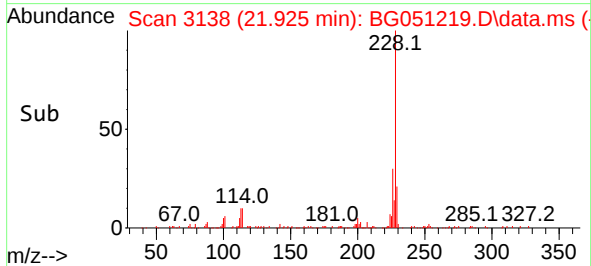
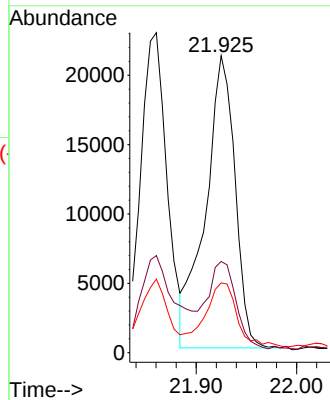
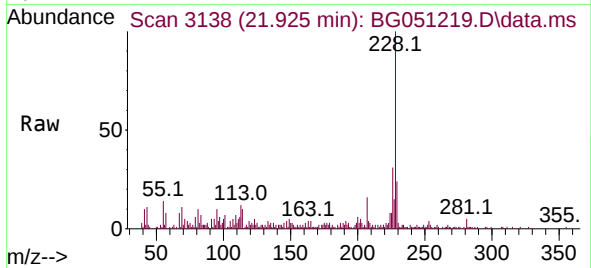
Tgt Ion:228 Resp: 43241

Ion Ratio Lower Upper

228 100

226 30.7 24.8 37.2

229 23.5 15.8 23.6



#89

Di-n-octyl phthalate

Concen: 10.186 ng/ul

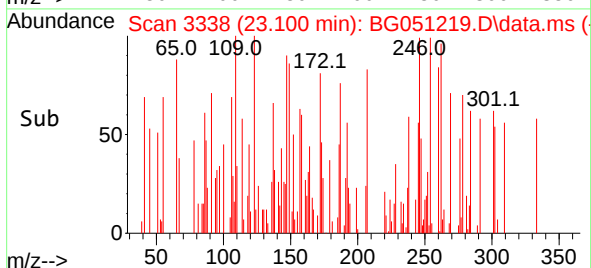
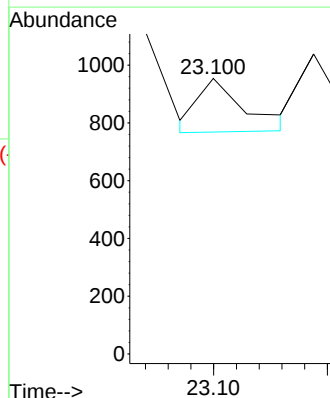
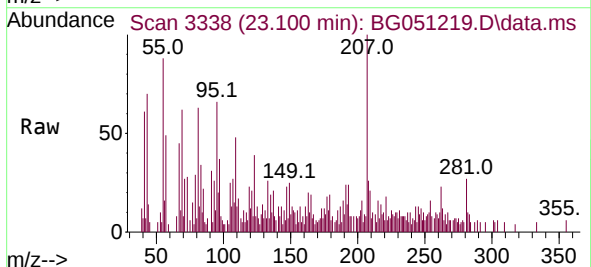
RT: 23.100 min Scan# 3338

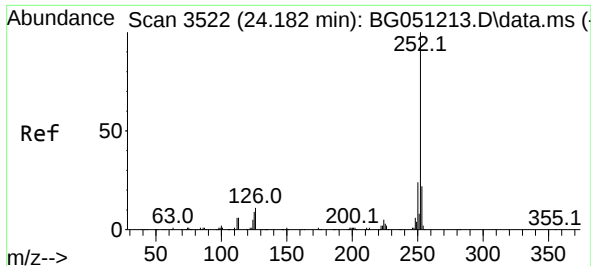
Delta R.T. 0.114 min

Lab File: BG051219.D

Acq: 24 Nov 2021 19:36

Tgt Ion:149 Resp: 107

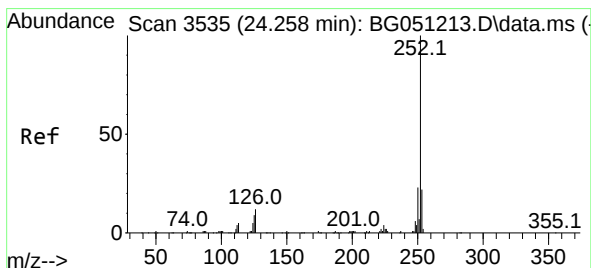
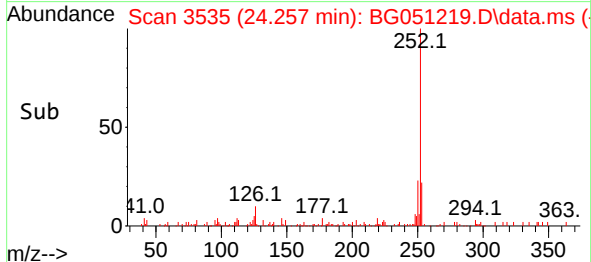
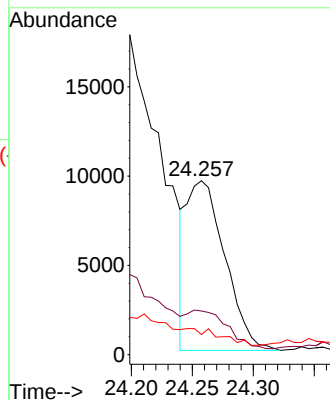
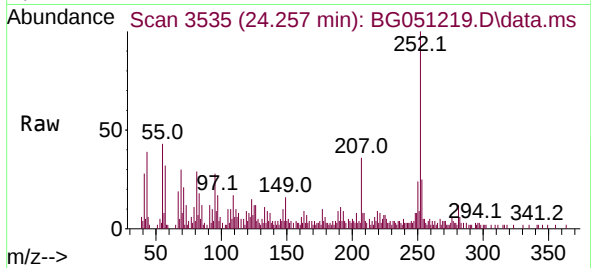




#90
Benzo(b)fluoranthene
Concen: 2118.022 ng/ul
RT: 24.257 min Scan# 3535
Delta R.T. 0.067 min
Lab File: BG051219.D
Acq: 24 Nov 2021 19:36

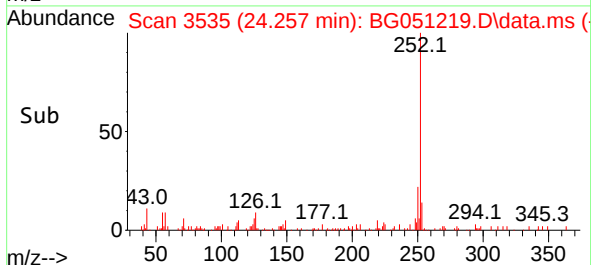
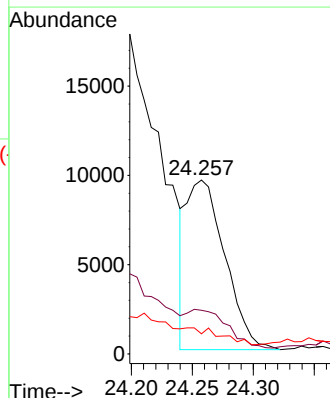
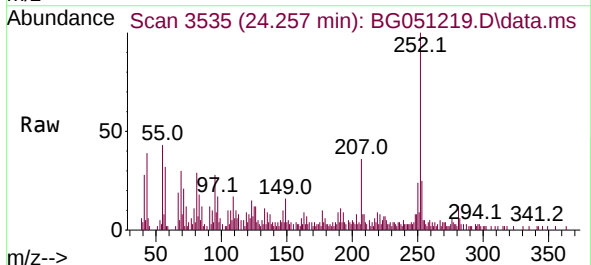
Instrument :
BNA_G
ClientSampleId :
DBLP3

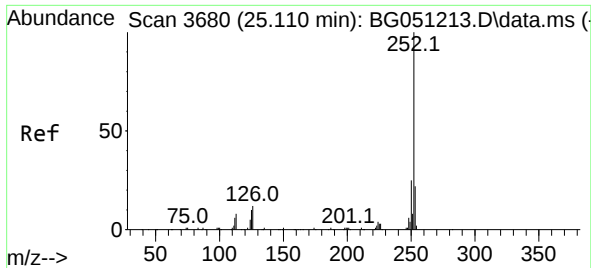
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	11.6	8.5	12.7



#91
Benzo(k)fluoranthene
Concen: 2257.036 ng/ul
RT: 24.257 min Scan# 3535
Delta R.T. -0.003 min
Lab File: BG051219.D
Acq: 24 Nov 2021 19:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.3	25.9
125	11.6	7.8	11.6

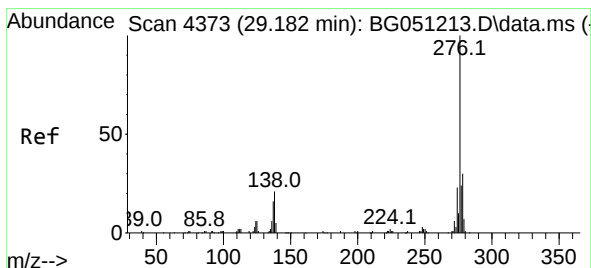
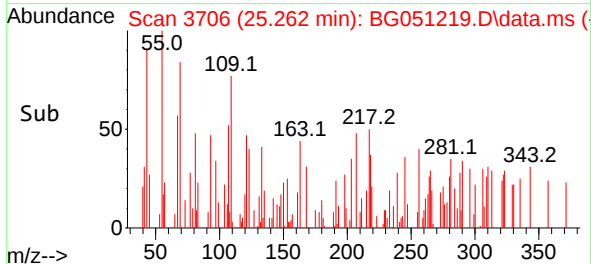
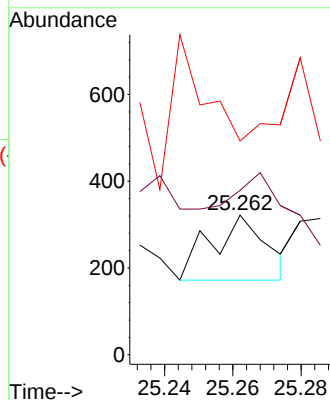
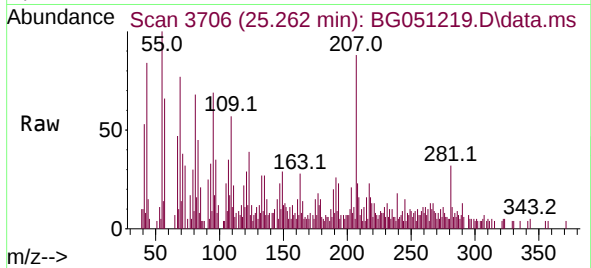




#93
Benzo(a)pyrene
Concen: 17.996 ng/ul
RT: 25.262 min Scan# 31
Delta R.T. 0.138 min
Lab File: BG051219.D
Acq: 24 Nov 2021 19:36

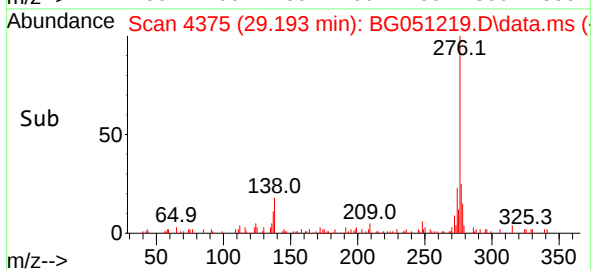
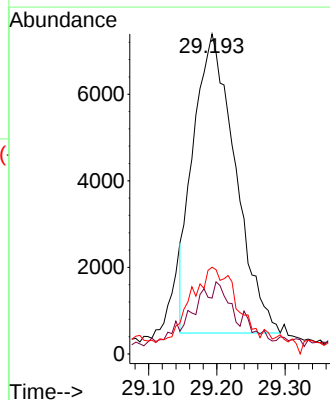
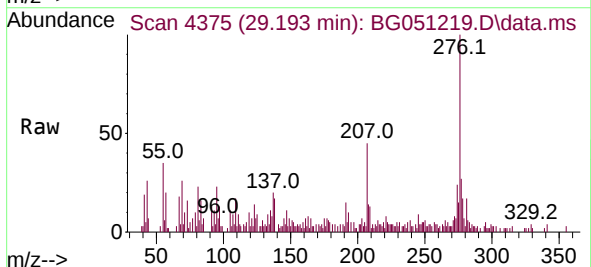
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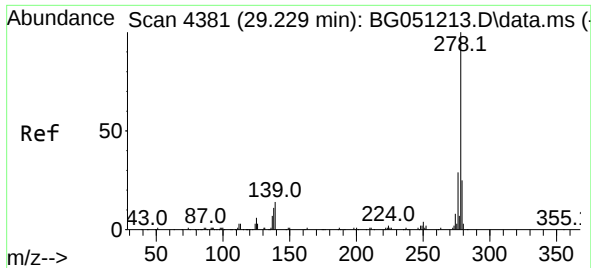
Tgt Ion:252 Resp: 168
Ion Ratio Lower Upper
252 100
253 117.7 17.4 26.2#
125 153.1 9.1 13.7#



#94
Indeno(1,2,3-cd)pyrene
Concen: 2817.887 ng/ul
RT: 29.193 min Scan# 4375
Delta R.T. 0.003 min
Lab File: BG051219.D
Acq: 24 Nov 2021 19:36

Tgt Ion:276 Resp: 29438
Ion Ratio Lower Upper
276 100
138 17.4 15.5 23.3
277 27.1 20.5 30.7

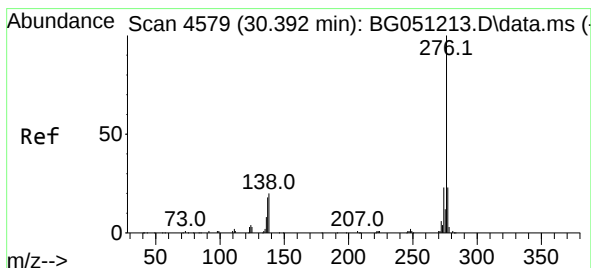
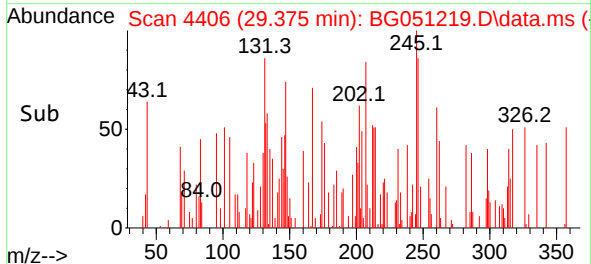
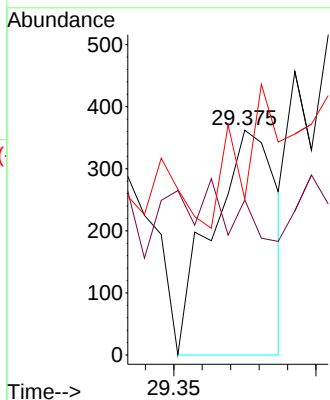
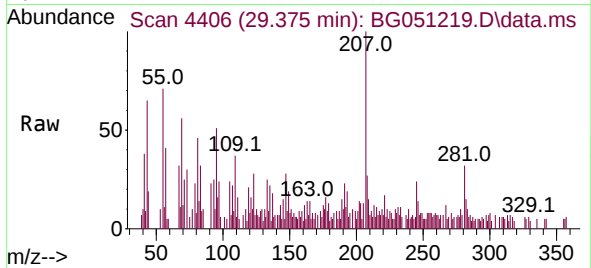




#95
Dibenzo(a,h)anthracene
Concen: 63.976 ng/ul
RT: 29.375 min Scan# 4406
Delta R.T. 0.132 min
Lab File: BG051219.D
Acq: 24 Nov 2021 19:36

Instrument :
BNA_G
ClientSampleId :
DBLP3

Tgt Ion:278 Resp: 567
Ion Ratio Lower Upper
278 100
139 69.1 12.2 18.4#
279 69.3 19.5 29.3#



#96
Benzo(g,h,i)perylene
Concen: 3271.874 ng/ul
RT: 30.427 min Scan# 4585
Delta R.T. 0.014 min
Lab File: BG051219.D
Acq: 24 Nov 2021 19:36

Tgt Ion:276 Resp: 28758
Ion Ratio Lower Upper
276 100
138 17.3 16.6 24.8
277 20.0 17.6 26.4

