

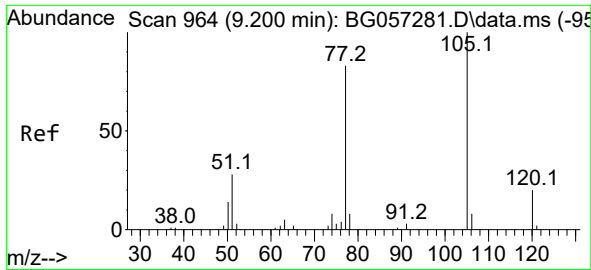
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057292.D
 Acq On : 3 May 2023 18:39
 Operator : CG/JU
 Sample : 02419-24DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW921DL

Quant Time: May 04 01:17:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.381	152	15650	20.000	ng/ul	0.00
20) Naphthalene-d8	11.218	136	62814	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.995	164	49119	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.738	188	114126	20.000	ng/ul	0.00
79) Chrysene-d12	22.056	240	99397	20.000	ng/ul	0.00
88) Perylene-d12	25.593	264	133091	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	245	0.689	ng/uL	0.00
4) Pyridine-d5	4.098	84	39	0.035	ng/ul	0.00
7) Phenol-d5	7.523	99	7910	5.344	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.681	67	4796	5.509	ng/ul	0.00
11) 2-Chlorophenol-d4	7.911	132	5603	5.745	ng/ul	0.00
15) 4-Methylphenol-d8	9.080	113	5493	4.883	ng/ul	0.00
21) Nitrobenzene-d5	9.555	128	3065	6.127	ng/ul	0.00
24) 2-Nitrophenol-d4	10.290	143	3404	5.831	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.842	165	6963	6.182	ng/ul	0.01
31) 4-Chloroaniline-d4	11.347	131	3579	2.398	ng/ul	0.00
46) Dimethylphthalate-d6	14.372	166	23961	6.156	ng/ul	0.00
49) Acenaphthylene-d8	14.690	160	29530	6.751	ng/ul	0.00
54) 4-Nitrophenol-d4	15.201	143	1972	3.481	ng/ul	0.02
60) Fluorene-d10	15.976	176	23976	6.613	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.111	200	520	0.769	ng/ul	0.02
73) Anthracene-d10	17.832	188	36691	7.043	ng/ul	0.00
81) Pyrene-d10	20.100	212	43224	7.326	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.340	264	40446	5.965	ng/ul	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	9.215	105	4905	2.534	ng/ul	97
72) Phenanthrene	17.780	178	27241	4.584	ng/ul	96
74) Anthracene	17.780	178	27241	4.563	ng/ul	96
78) Di-n-butylphthalate	18.649	149	67486	11.829	ng/ul	99
80) Fluoranthene	19.771	202	55853	7.969	ng/ul#	95
82) Pyrene	20.135	202	52702	7.428	ng/ul#	95
83) Butylbenzylphthalate	20.981	149	18035	7.938	ng/ul	90
85) Benzo(a)anthracene	22.033	228	36729	5.225	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.880	149	200363	60.632	ng/ul	95
87) Chrysene	22.033	228	36043	5.434	ng/ul	97
89) Di-n-octyl phthalate	23.190	149	24371	3.316	ng/ul	100
90) Benzo(b)fluoranthene	24.459	252	66012	7.162	ng/ul#	86
93) Benzo(a)pyrene	25.422	252	42040	5.284	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	29.675	276	34422	3.461	ng/ul	96
96) Benzo(g,h,i)perylene	30.944	276	14239	1.769	ng/ul	99

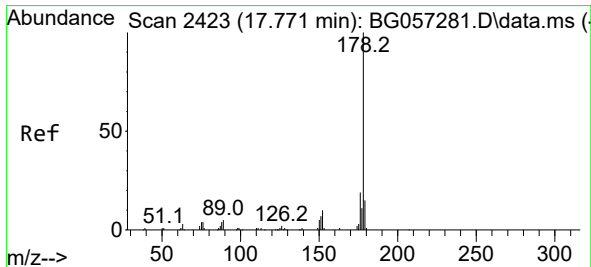
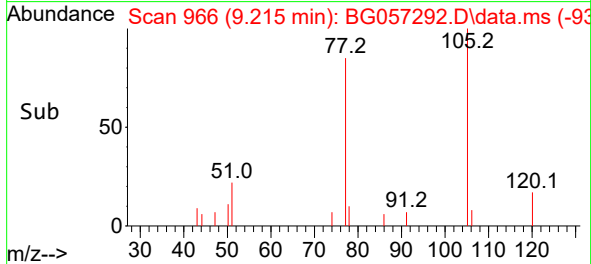
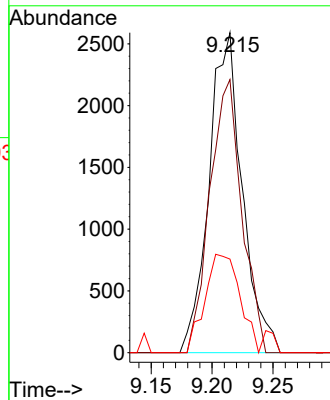
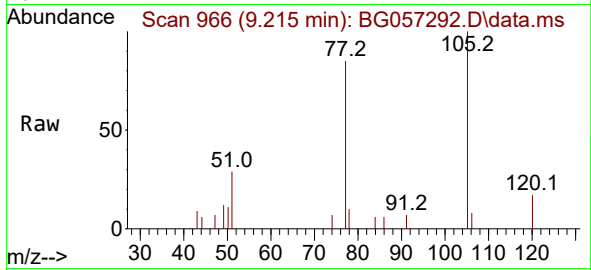
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#16
Acetophenone
Concen: 2.534 ng/ul
RT: 9.215 min Scan# 90
Delta R.T. 0.005 min
Lab File: BG057292.D
Acq: 3 May 2023 18:39

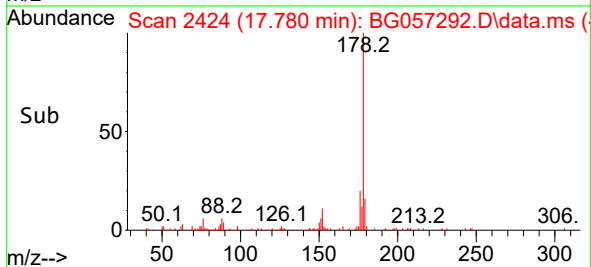
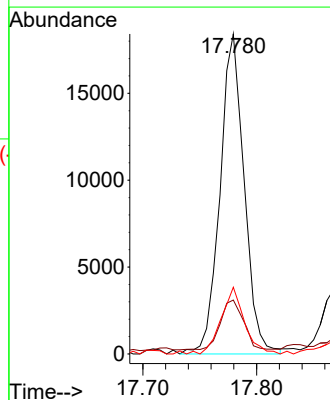
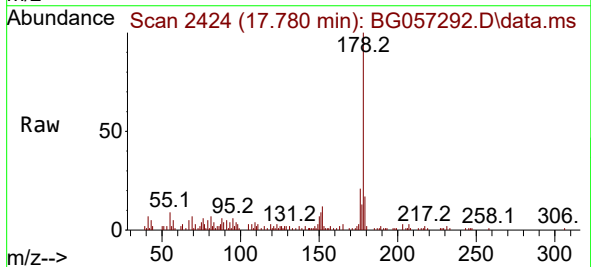
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BNA_G
ClientSampleId :
EW921DL

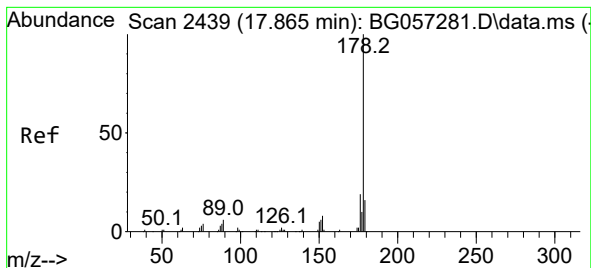
Tgt Ion:105 Resp: 4905
Ion Ratio Lower Upper
105 100
77 85.3 70.6 105.8
51 29.3 24.5 36.7



#72
Phenanthrene
Concen: 4.584 ng/ul
RT: 17.780 min Scan# 2424
Delta R.T. 0.005 min
Lab File: BG057292.D
Acq: 3 May 2023 18:39

Tgt Ion:178 Resp: 27241
Ion Ratio Lower Upper
178 100
179 16.9 11.8 17.8
176 20.9 15.4 23.0





#74

Anthracene

Concen: 4.563 ng/ul

RT: 17.780 min Scan# 2439

Delta R.T. -0.089 min

Lab File: BG057292.D

Acq: 3 May 2023 18:39

Instrument :

BNA_G

ClientSampleId :

EW921DL

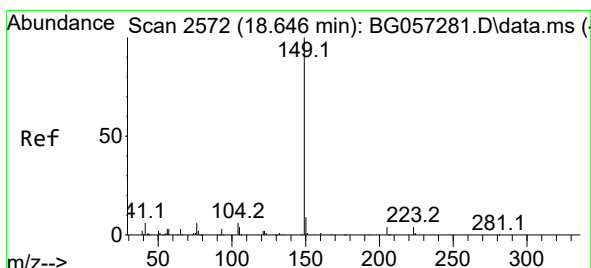
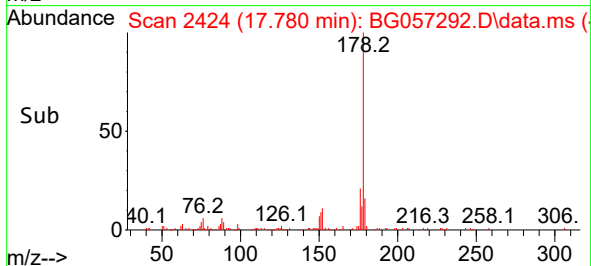
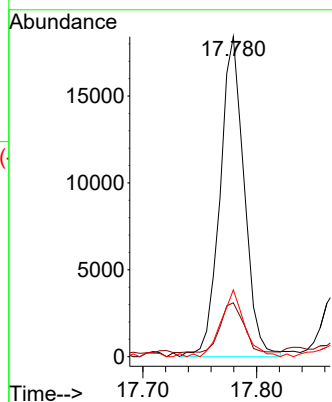
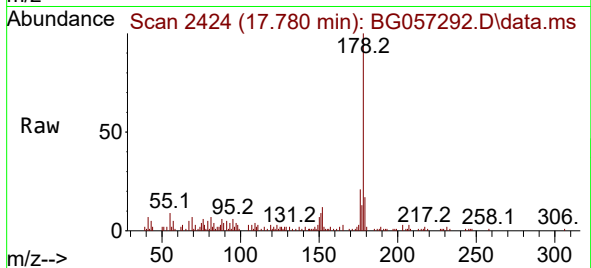
Tgt Ion:178 Resp: 27241

Ion Ratio Lower Upper

178 100

179 16.9 12.5 18.7

176 20.9 14.7 22.1



#78

Di-n-butylphthalate

Concen: 11.829 ng/ul

RT: 18.649 min Scan# 2572

Delta R.T. -0.001 min

Lab File: BG057292.D

Acq: 3 May 2023 18:39

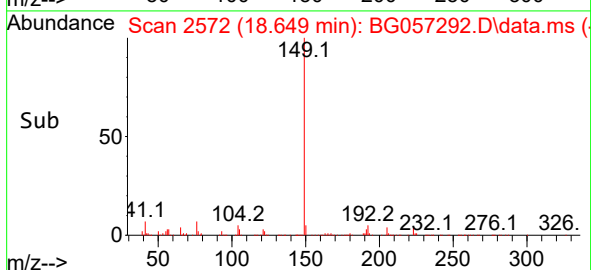
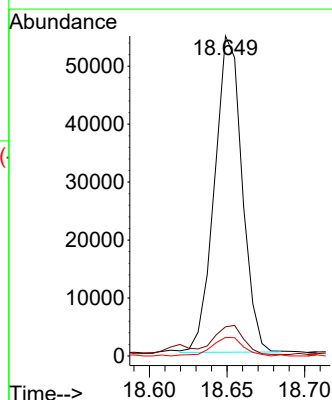
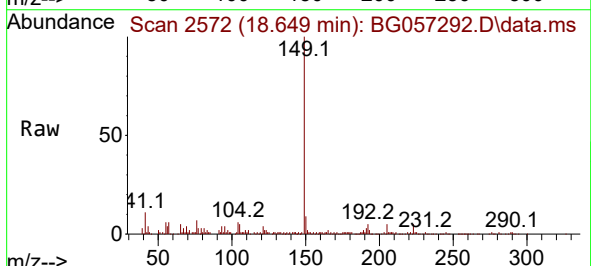
Tgt Ion:149 Resp: 67486

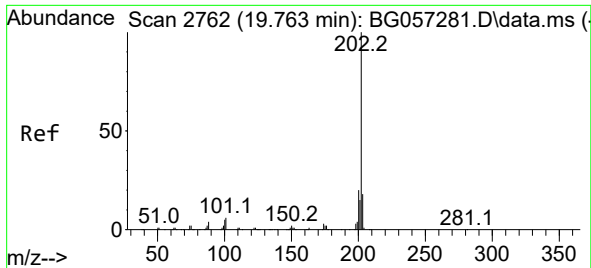
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.8 5.0 7.6

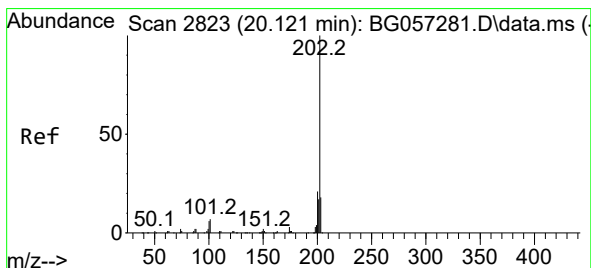
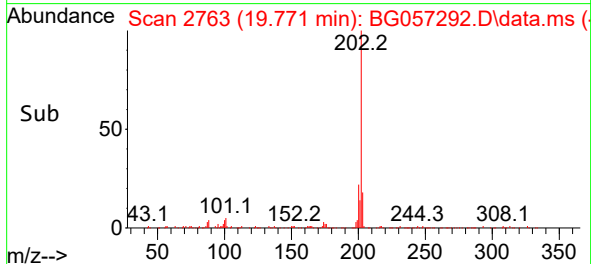
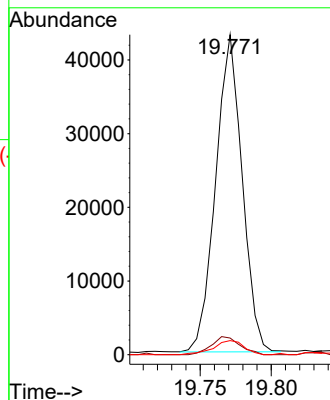
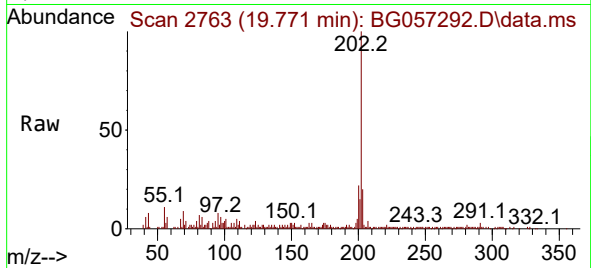




#80
 Fluoranthene
 Concen: 7.969 ng/ul
 RT: 19.771 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG057292.D
 Acq: 3 May 2023 18:39

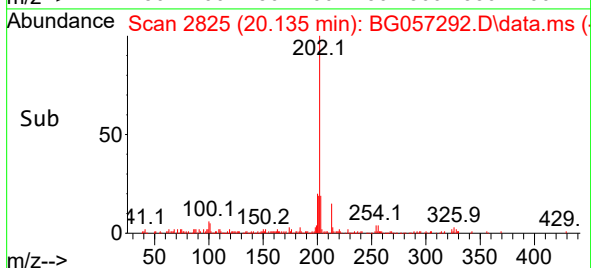
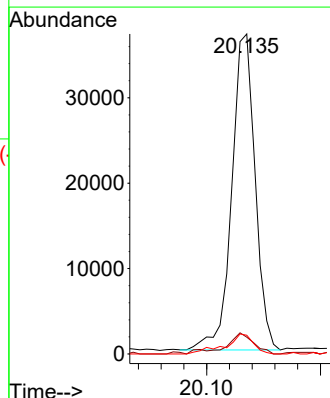
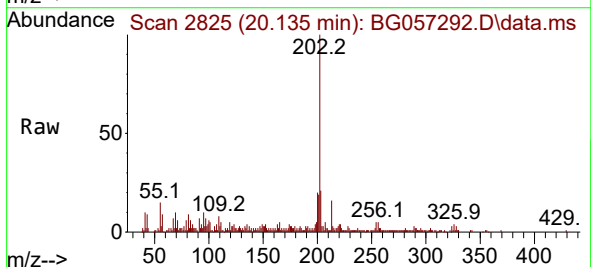
Instrument :
 BNA_G
 ClientSampleId :
 EW921DL

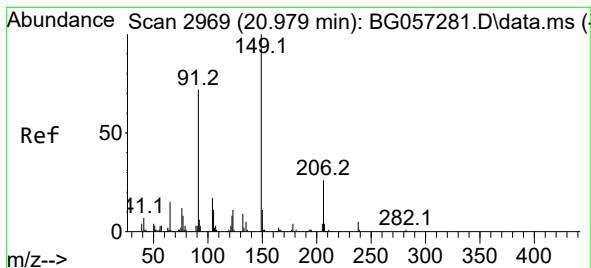
Tgt Ion:202 Resp: 55853
 Ion Ratio Lower Upper
 202 100
 101 5.2 5.8 8.6#
 100 4.4 4.6 7.0#



#82
 Pyrene
 Concen: 7.428 ng/ul
 RT: 20.135 min Scan# 2825
 Delta R.T. 0.011 min
 Lab File: BG057292.D
 Acq: 3 May 2023 18:39

Tgt Ion:202 Resp: 52702
 Ion Ratio Lower Upper
 202 100
 101 5.3 5.7 8.5#
 100 5.9 6.0 9.0#





#83

Butylbenzylphthalate

Concen: 7.938 ng/ul

RT: 20.981 min Scan# 2969

Delta R.T. -0.001 min

Lab File: BG057292.D

Acq: 3 May 2023 18:39

Instrument :

BNA_G

ClientSampleId :

EW921DL

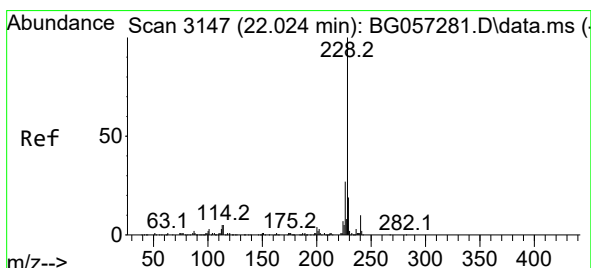
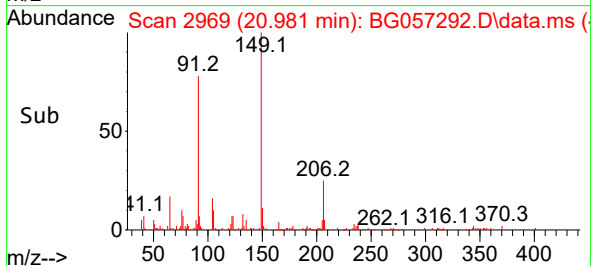
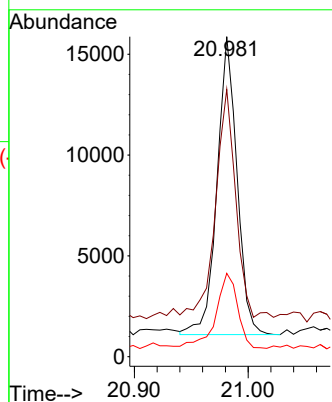
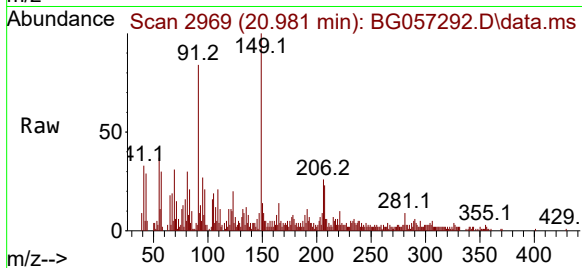
Tgt Ion:149 Resp: 18035

Ion Ratio Lower Upper

149 100

91 83.5 58.6 87.8

206 26.1 19.8 29.8



#85

Benzo(a)anthracene

Concen: 5.225 ng/ul

RT: 22.033 min Scan# 3148

Delta R.T. 0.005 min

Lab File: BG057292.D

Acq: 3 May 2023 18:39

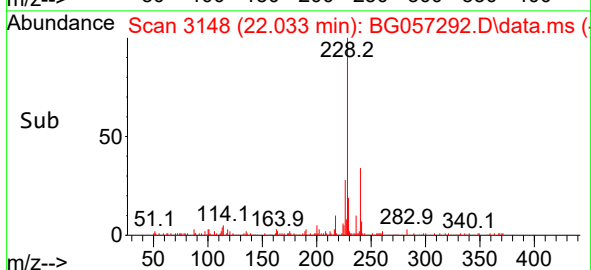
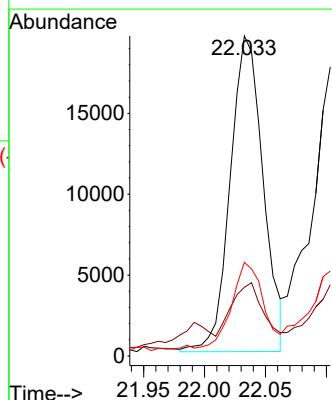
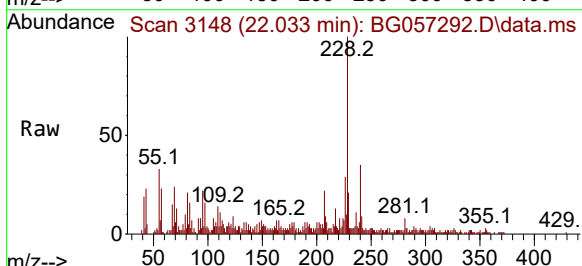
Tgt Ion:228 Resp: 36729

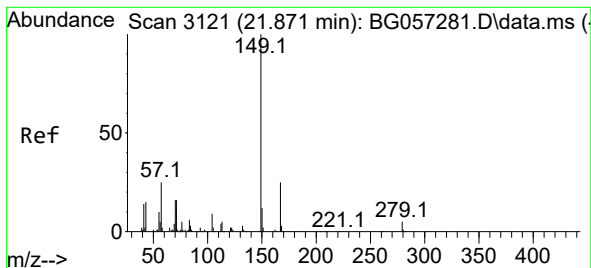
Ion Ratio Lower Upper

228 100

229 21.5 15.8 23.6

226 29.3 21.7 32.5

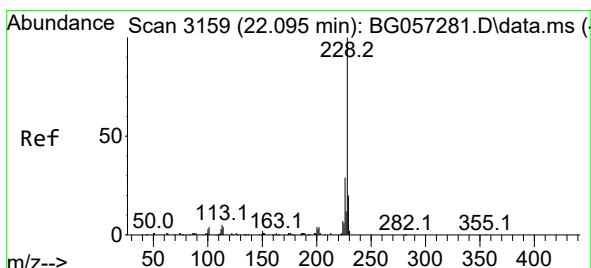
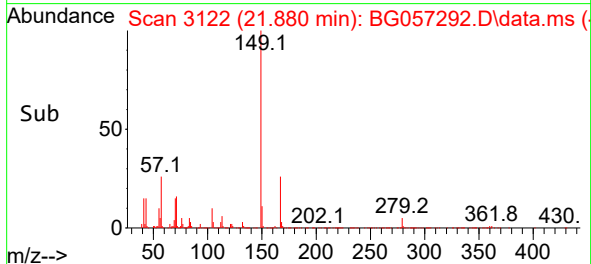
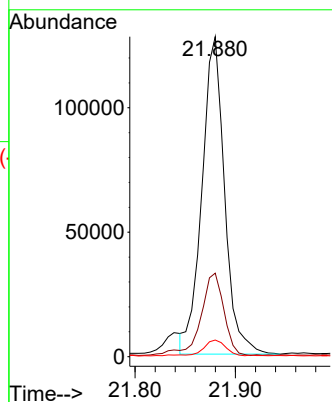
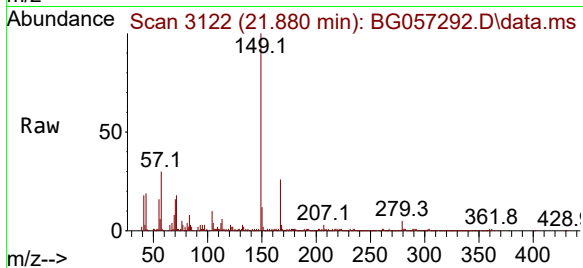




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 60.632 ng/ul
 RT: 21.880 min Scan# 3121
 Delta R.T. 0.005 min
 Lab File: BG057292.D
 Acq: 3 May 2023 18:39

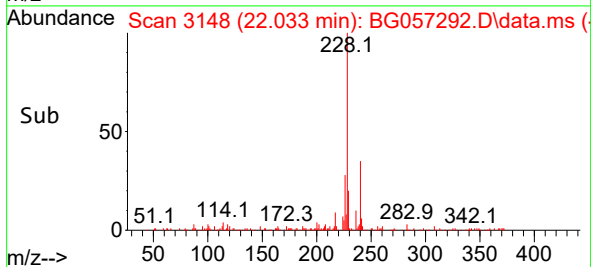
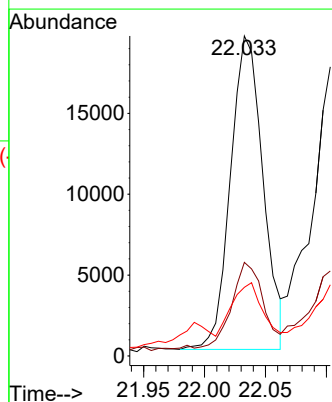
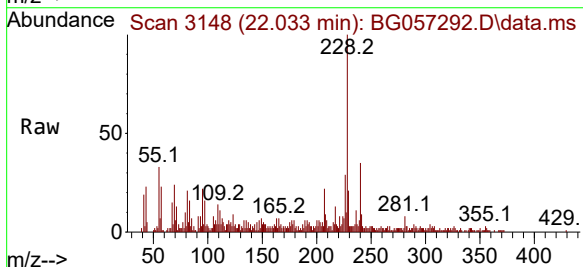
Instrument :
 BNA_G
 ClientSampleId :
 EW921DL

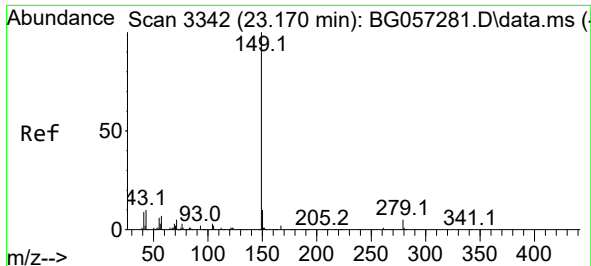
Tgt Ion:149 Resp: 200363
 Ion Ratio Lower Upper
 149 100
 167 26.1 23.0 34.6
 279 5.2 3.6 5.4



#87
 Chrysene
 Concen: 5.434 ng/ul
 RT: 22.033 min Scan# 3148
 Delta R.T. -0.065 min
 Lab File: BG057292.D
 Acq: 3 May 2023 18:39

Tgt Ion:228 Resp: 36043
 Ion Ratio Lower Upper
 228 100
 226 29.3 22.8 34.2
 229 21.5 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 3.316 ng/ul

RT: 23.190 min Scan# 31

Delta R.T. 0.011 min

Lab File: BG057292.D

Acq: 3 May 2023 18:39

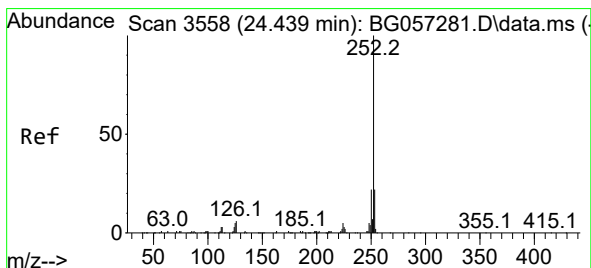
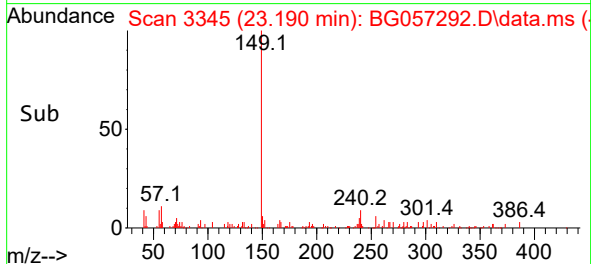
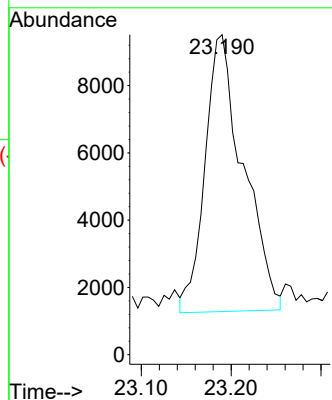
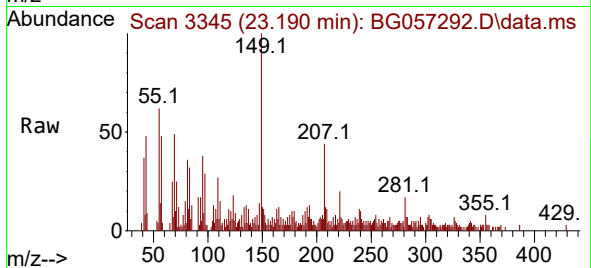
Instrument :

BNA_G

ClientSampleId :

EW921DL

Tgt Ion:149 Resp: 24371



#90

Benzo(b)fluoranthene

Concen: 7.162 ng/ul

RT: 24.459 min Scan# 3561

Delta R.T. 0.023 min

Lab File: BG057292.D

Acq: 3 May 2023 18:39

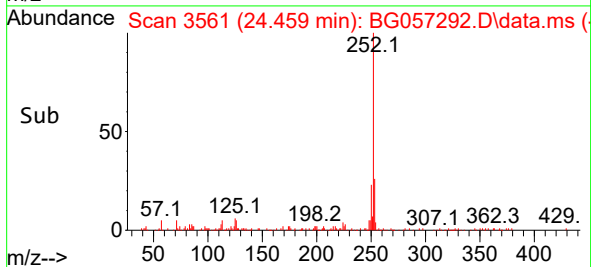
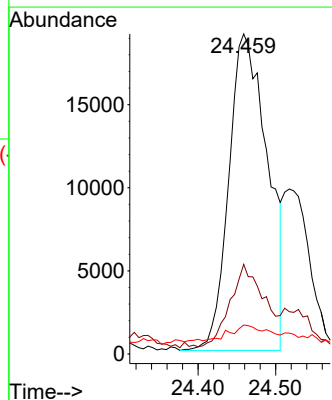
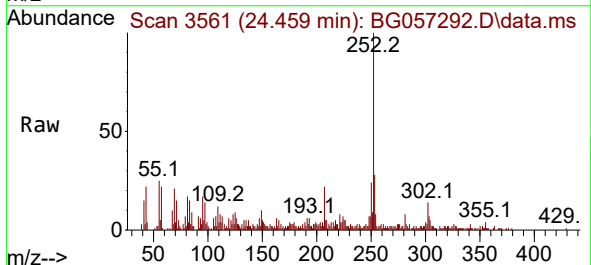
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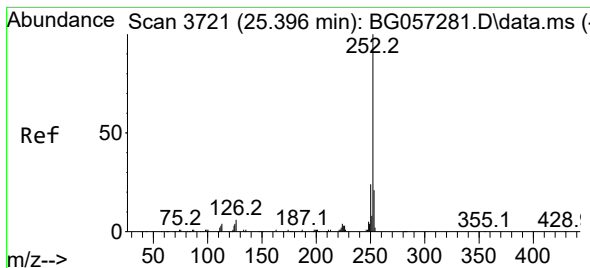
Ion Ratio Lower Upper

252 100

253 28.0 16.7 25.1#

125 9.1 4.8 7.2#





#93

Benzo(a)pyrene

Concen: 5.284 ng/ul

RT: 25.422 min Scan# 31

Delta R.T. 0.023 min

Lab File: BG057292.D

Acq: 3 May 2023 18:39

Instrument :

BNA_G

ClientSampleId :

EW921DL

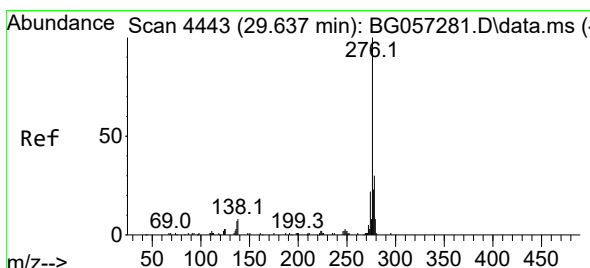
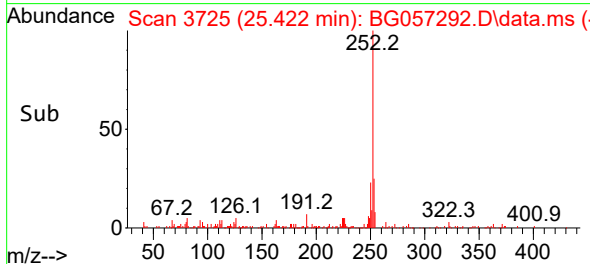
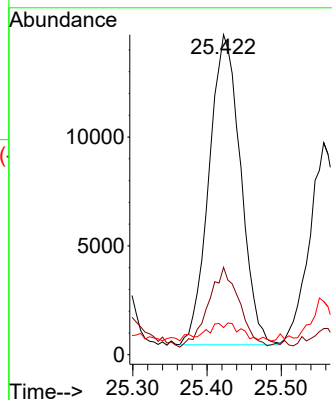
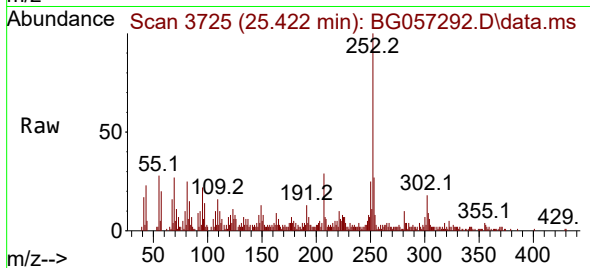
Tgt Ion:252 Resp: 42040

Ion Ratio Lower Upper

252 100

253 27.3 17.2 25.8#

125 8.4 5.1 7.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.461 ng/ul

RT: 29.675 min Scan# 4449

Delta R.T. 0.052 min

Lab File: BG057292.D

Acq: 3 May 2023 18:39

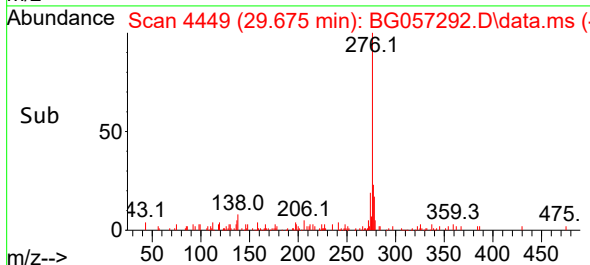
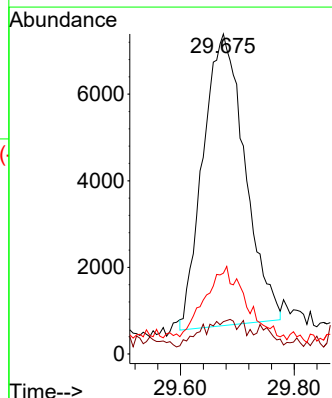
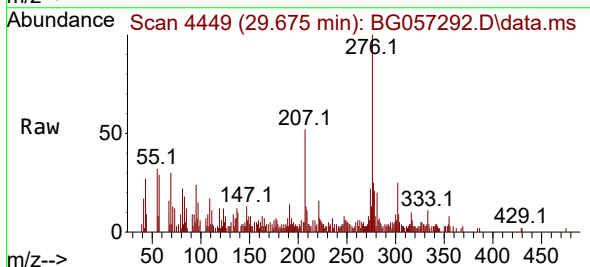
Tgt Ion:276 Resp: 34422

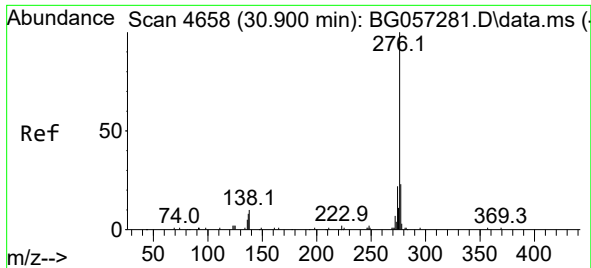
Ion Ratio Lower Upper

276 100

138 10.1 9.4 14.2

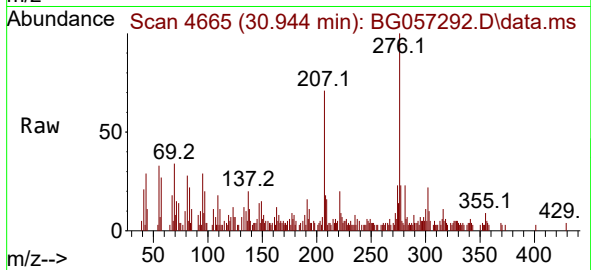
277 25.2 18.6 28.0





#96
 Benzo(g,h,i)perylene
 Concen: 1.769 ng/ul
 RT: 30.944 min Scan# 4
 Delta R.T. 0.035 min
 Lab File: BG057292.D
 Acq: 3 May 2023 18:39

Instrument :
 BNA_G
 ClientSampleId :
 EW921DL



Tgt Ion:	276	Resp:	14239
Ion	Ratio	Lower	Upper
276	100		
138	11.1	8.7	13.1
277	23.5	18.4	27.6

