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 Data File : BG057293.D
 Acq On : 3 May 2023 19:20
 Operator : CG/JU
 Sample : 02419-28DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

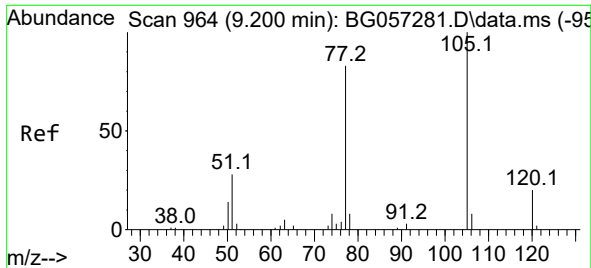
Instrument :
 BNA_G
 ClientSampleId :
 EW925DL

Quant Time: May 04 01:17:41 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	8.384	152	17777	20.000	ng/ul	0.00
20) Naphthalene-d8	11.221	136	74008	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.993	164	57035	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	122763	20.000	ng/ul	0.00
79) Chrysene-d12	22.060	240	101159	20.000	ng/ul	0.00
88) Perylene-d12	25.602	264	109705	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	276	0.683	ng/uL	0.00
4) Pyridine-d5	4.090	84	781	0.613	ng/ul	0.00
7) Phenol-d5	7.520	99	9731	5.788	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	5757	5.822	ng/ul	0.00
11) 2-Chlorophenol-d4	7.908	132	7538	6.804	ng/ul	0.00
15) 4-Methylphenol-d8	9.083	113	6442	5.042	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	3616	6.135	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143	4240	6.164	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.839	165	9088	6.848	ng/ul	0.00
31) 4-Chloroaniline-d4	11.351	131	3181	1.809	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	33608	7.437	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	38318	7.544	ng/ul	0.00
54) 4-Nitrophenol-d4	15.192	143	2648	4.025	ng/ul	0.01
60) Fluorene-d10	15.980	176	30753	7.305	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.103	200	510	0.701	ng/ul	0.00
73) Anthracene-d10	17.836	188	46352	8.272	ng/ul	0.00
81) Pyrene-d10	20.103	212	50910	8.479	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.355	264	44816	8.018	ng/ul	0.03
Target Compounds						
					Qvalue	
16) Acetophenone	9.206	105	8487	3.860	ng/ul	96
72) Phenanthrene	17.777	178	36313	5.680	ng/ul	96
74) Anthracene	17.777	178	36313	5.655	ng/ul	96
78) Di-n-butylphthalate	18.652	149	20436	3.330	ng/ul#	95
80) Fluoranthene	19.769	202	111700	15.660	ng/ul	97
82) Pyrene	20.133	202	107814	14.931	ng/ul#	97
83) Butylbenzylphthalate	20.985	149	23386	10.113	ng/ul	91
85) Benzo(a)anthracene	22.036	228	83504	11.672	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.877	149	204005	60.659	ng/ul	95
87) Chrysene	22.107	228	86036	12.746	ng/ul	92
89) Di-n-octyl phthalate	23.193	149	25285	4.174	ng/ul	100
90) Benzo(b)fluoranthene	24.462	252	158985	20.927	ng/ul	93
91) Benzo(k)fluoranthene	24.462	252	158985	21.511	ng/ul	95
93) Benzo(a)pyrene	25.437	252	103879	15.838	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.690	276	85704	10.454	ng/ul	98
95) Dibenzo(a,h)anthracene	29.714	278	10239	1.506	ng/ul#	81
96) Benzo(g,h,i)perylene	30.983	276	86119	12.979	ng/ul#	94

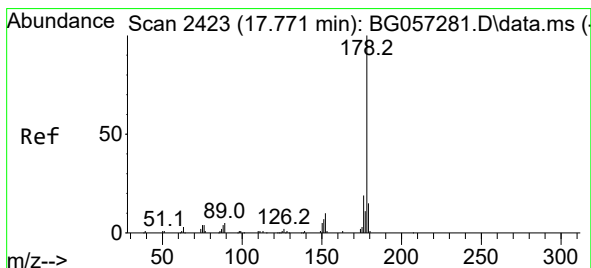
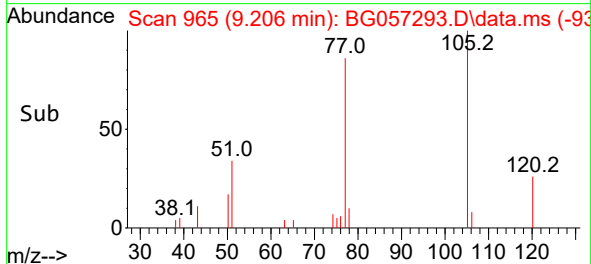
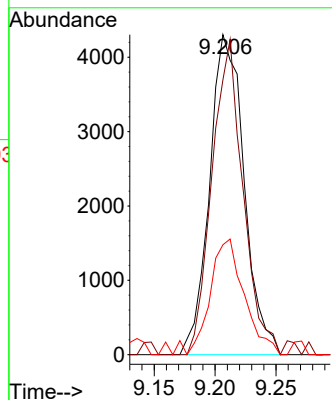
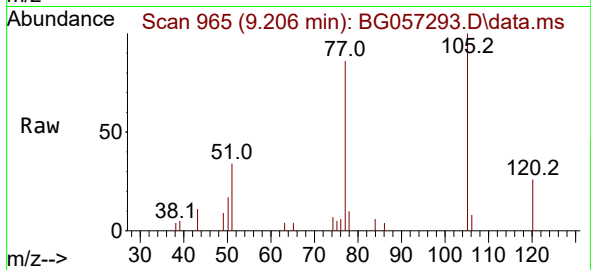
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#16
Acetophenone
Concen: 3.860 ng/ul
RT: 9.206 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

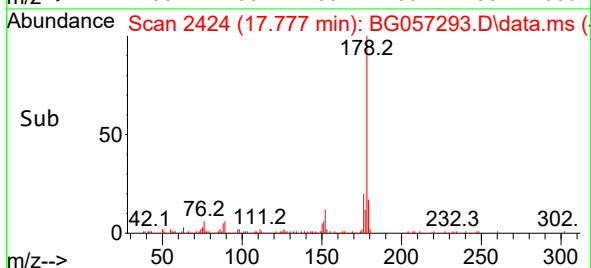
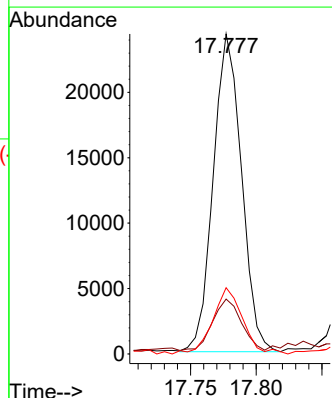
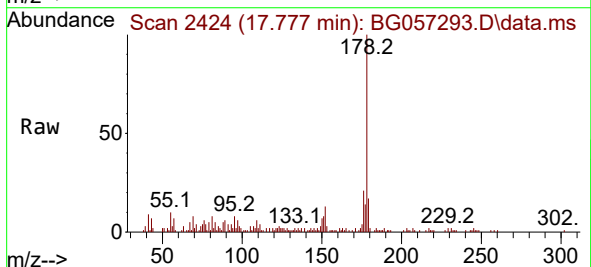
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BNA_G
ClientSampleId :
EW925DL

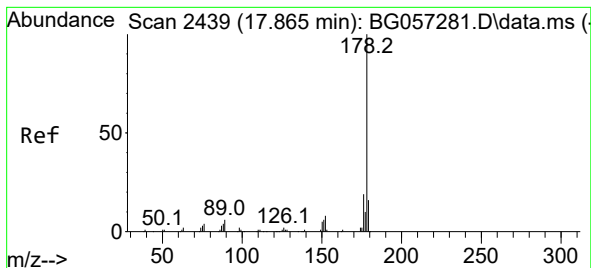
Tgt Ion:105 Resp: 8487
Ion Ratio Lower Upper
105 100
77 85.9 70.6 105.8
51 34.3 24.5 36.7



#72
Phenanthrene
Concen: 5.680 ng/ul
RT: 17.777 min Scan# 2424
Delta R.T. 0.003 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

Tgt Ion:178 Resp: 36313
Ion Ratio Lower Upper
178 100
179 17.1 11.8 17.8
176 20.7 15.4 23.0





#74

Anthracene

Concen: 5.655 ng/ul

RT: 17.777 min Scan# 2439

Delta R.T. -0.091 min

Lab File: BG057293.D

Acq: 3 May 2023 19:20

Instrument :

BNA_G

ClientSampleId :

EW925DL

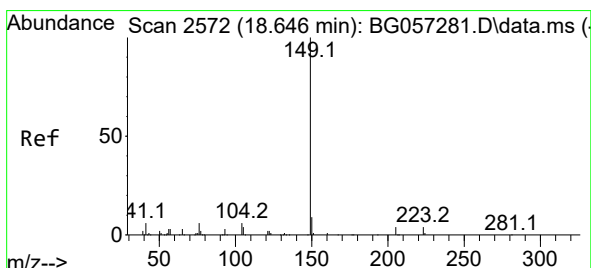
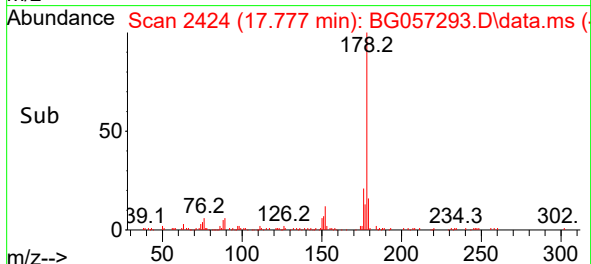
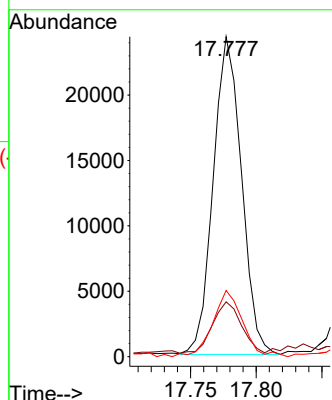
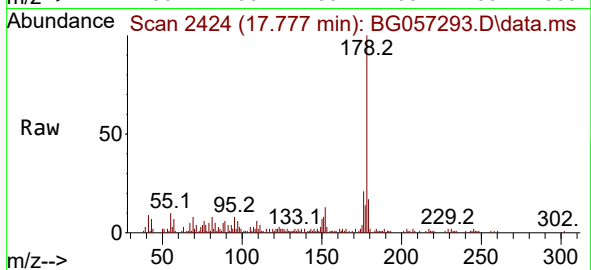
Tgt Ion:178 Resp: 36313

Ion Ratio Lower Upper

178 100

179 17.1 12.5 18.7

176 20.7 14.7 22.1



#78

Di-n-butylphthalate

Concen: 3.330 ng/ul

RT: 18.652 min Scan# 2573

Delta R.T. 0.003 min

Lab File: BG057293.D

Acq: 3 May 2023 19:20

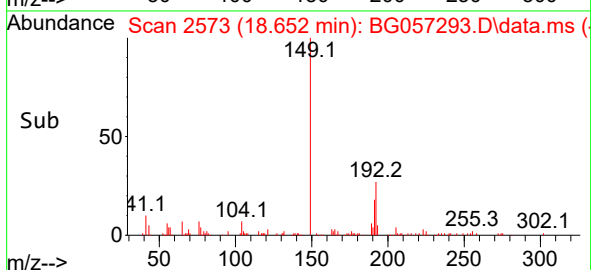
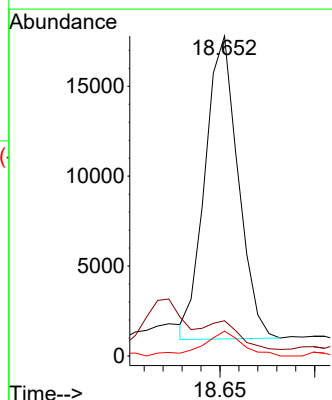
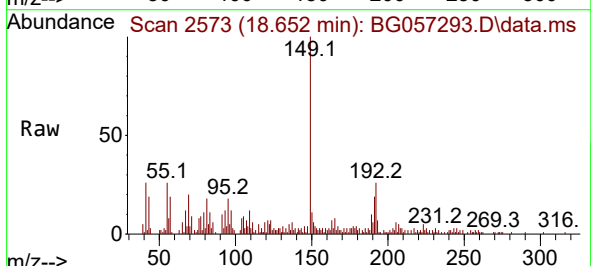
Tgt Ion:149 Resp: 20436

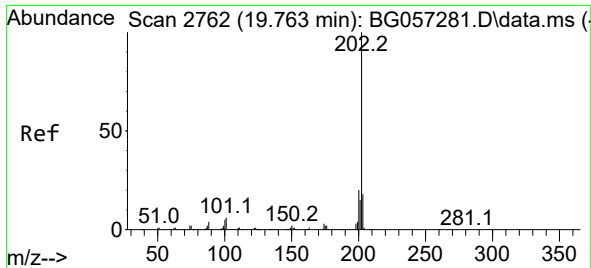
Ion Ratio Lower Upper

149 100

150 11.0 7.3 10.9#

104 7.8 5.0 7.6#

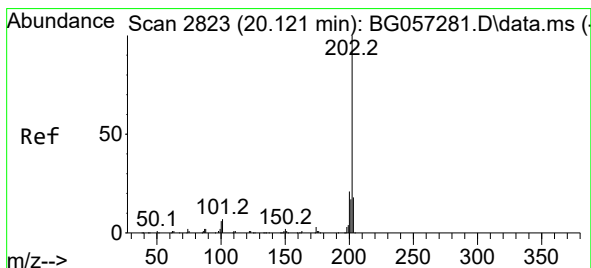
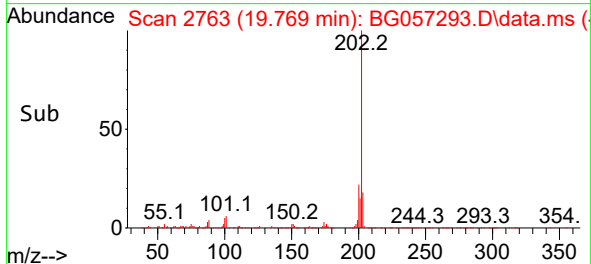
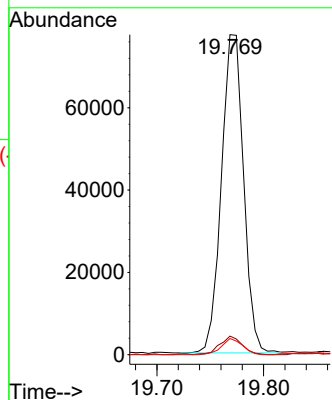
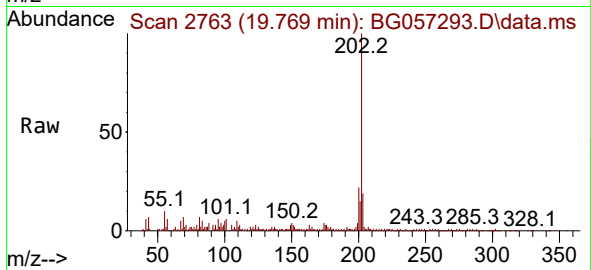




#80
Fluoranthene
Concen: 15.660 ng/ul
RT: 19.769 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

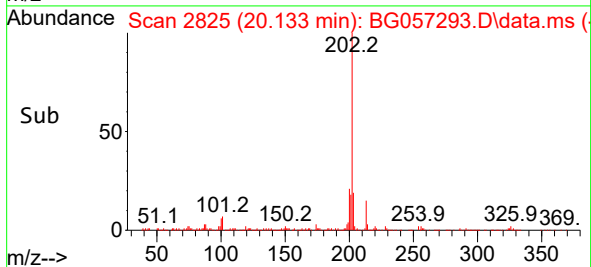
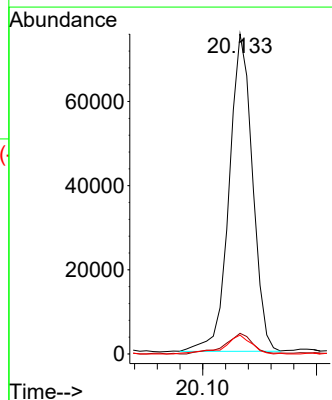
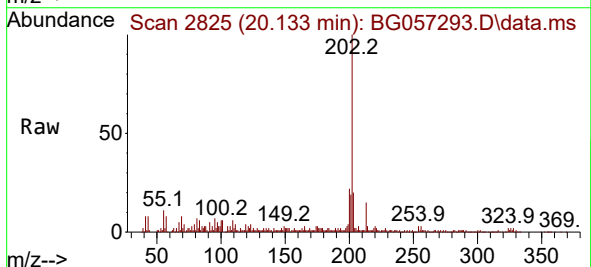
Instrument :
BNA_G
ClientSampleId :
EW925DL

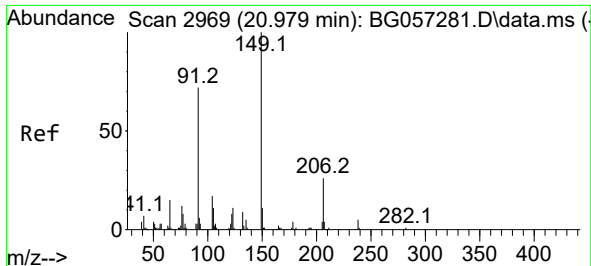
Tgt Ion:202 Resp: 111700
Ion Ratio Lower Upper
202 100
101 5.8 5.8 8.6
100 5.1 4.6 7.0



#82
Pyrene
Concen: 14.931 ng/ul
RT: 20.133 min Scan# 2825
Delta R.T. 0.009 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

Tgt Ion:202 Resp: 107814
Ion Ratio Lower Upper
202 100
101 6.5 5.7 8.5
100 5.9 6.0 9.0#

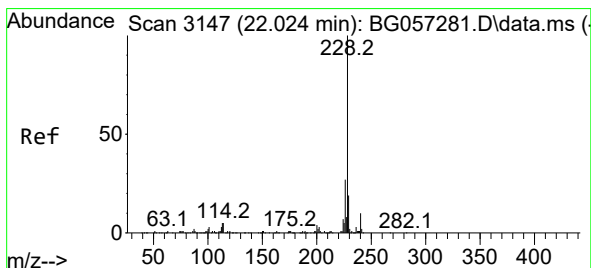
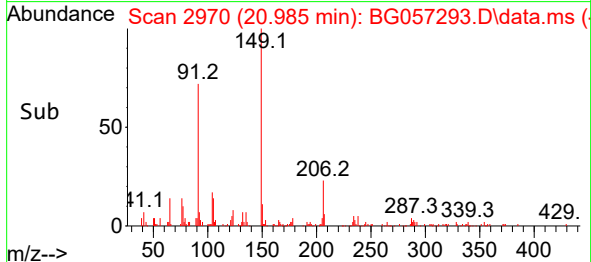
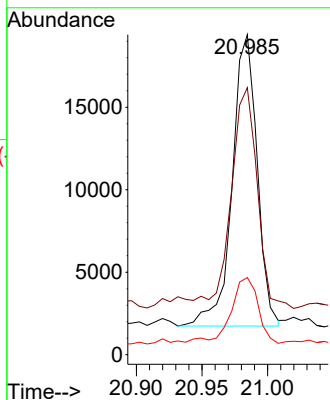
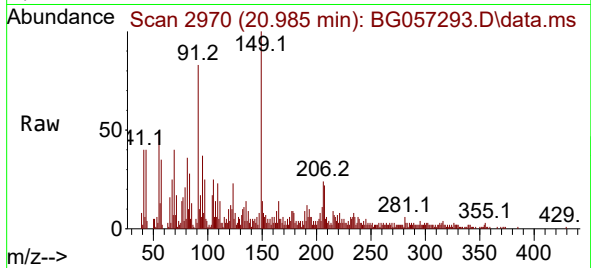




#83
Butylbenzylphthalate
Concen: 10.113 ng/ul
RT: 20.985 min Scan# 2969
Delta R.T. 0.003 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

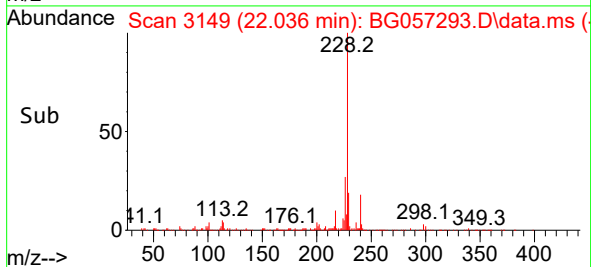
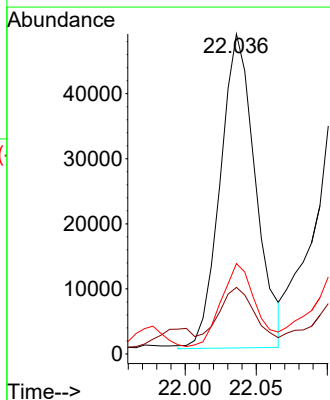
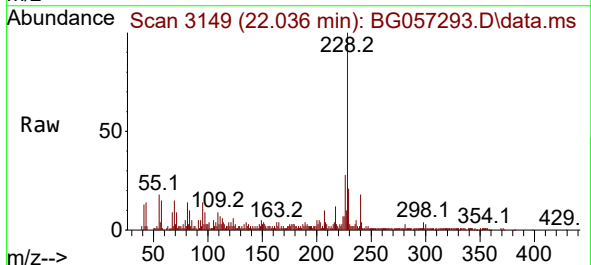
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BNA_G
ClientSampleId :
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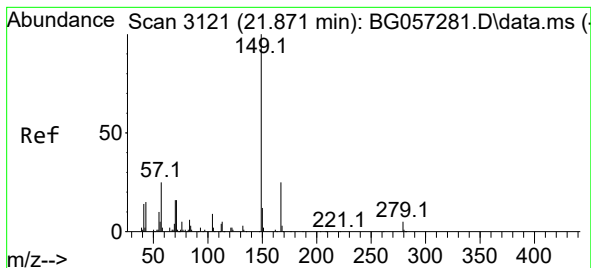
Tgt Ion:149 Resp: 23386
Ion Ratio Lower Upper
149 100
91 83.5 58.6 87.8
206 24.1 19.8 29.8



#85
Benzo(a)anthracene
Concen: 11.672 ng/ul
RT: 22.036 min Scan# 3149
Delta R.T. 0.009 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

Tgt Ion:228 Resp: 83504
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 28.2 21.7 32.5

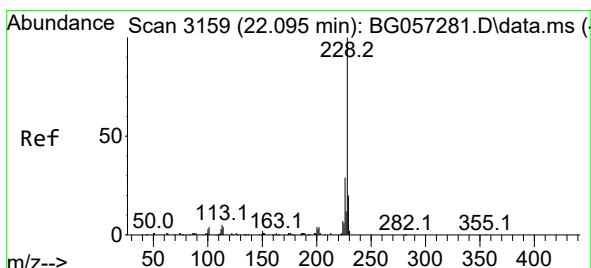
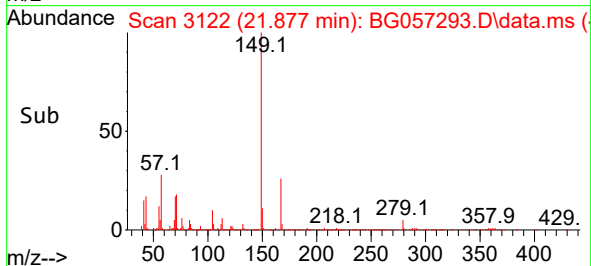
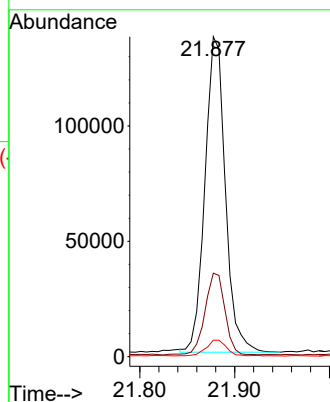
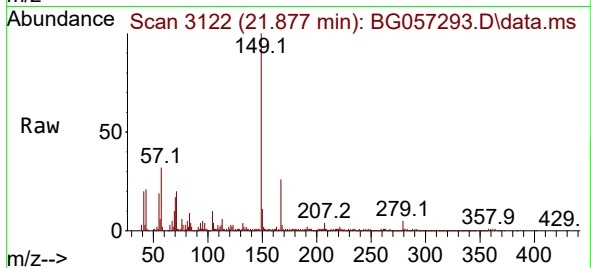




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 60.659 ng/ul
 RT: 21.877 min Scan# 3121
 Delta R.T. 0.003 min
 Lab File: BG057293.D
 Acq: 3 May 2023 19:20

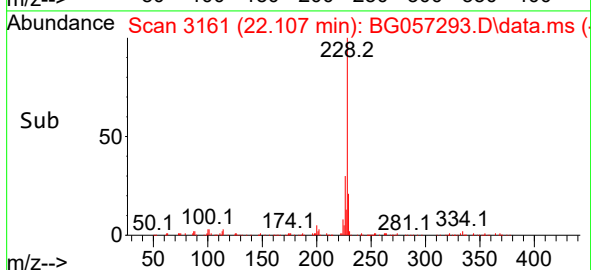
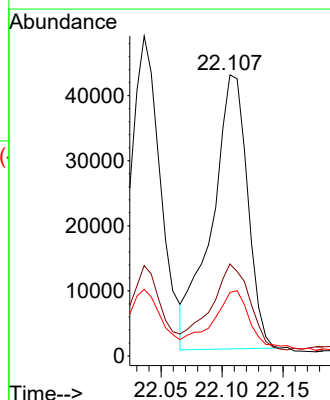
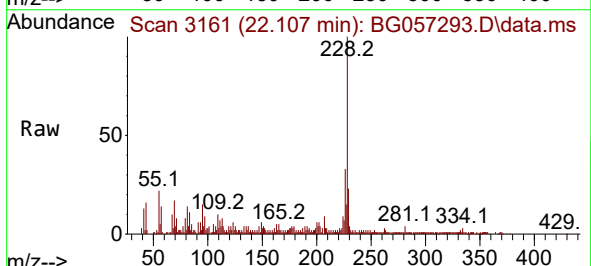
Instrument :
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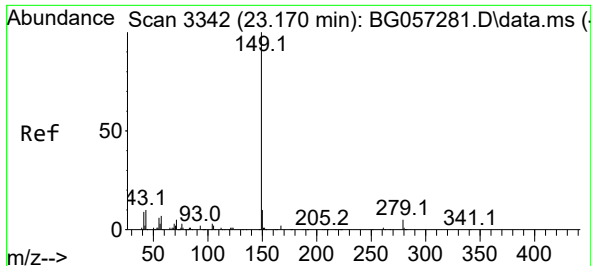
Tgt Ion:149 Resp: 204005
 Ion Ratio Lower Upper
 149 100
 167 26.1 23.0 34.6
 279 5.2 3.6 5.4



#87
 Chrysene
 Concen: 12.746 ng/ul
 RT: 22.107 min Scan# 3161
 Delta R.T. 0.009 min
 Lab File: BG057293.D
 Acq: 3 May 2023 19:20

Tgt Ion:228 Resp: 86036
 Ion Ratio Lower Upper
 228 100
 226 32.8 22.8 34.2
 229 22.6 15.5 23.3

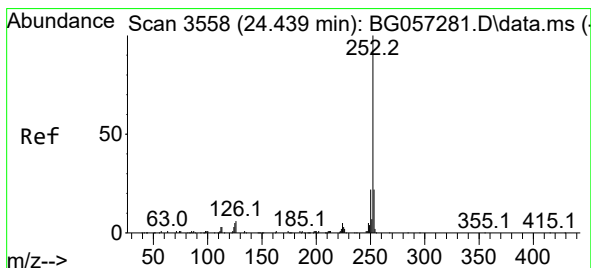
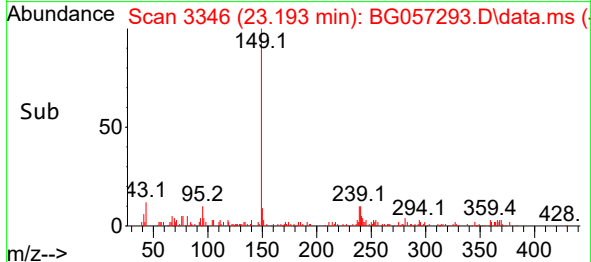
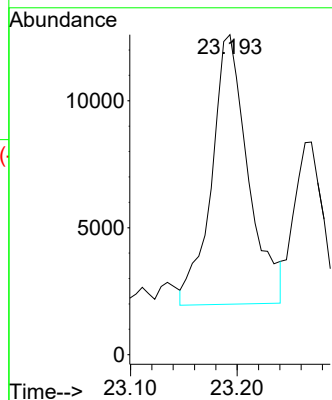
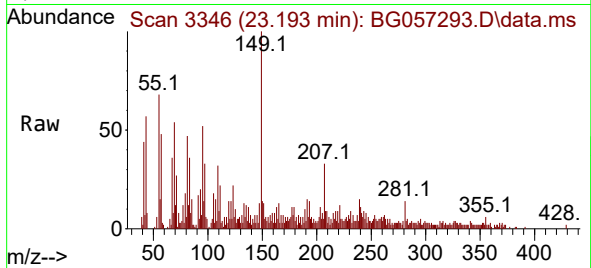




#89
Di-n-octyl phthalate
Concen: 4.174 ng/ul
RT: 23.193 min Scan# 31
Delta R.T. 0.015 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

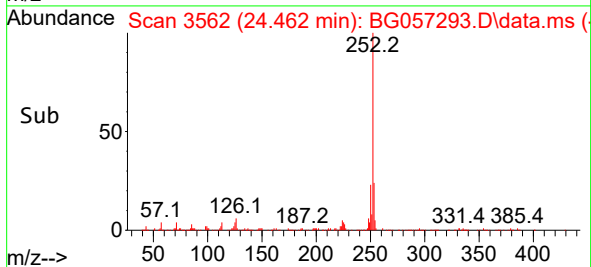
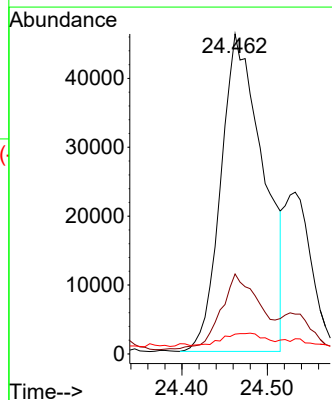
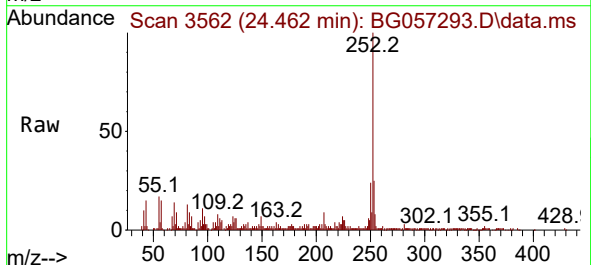
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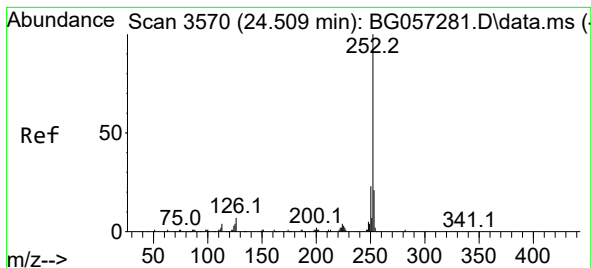
Tgt Ion:149 Resp: 25285



#90
Benzo(b)fluoranthene
Concen: 20.927 ng/ul
RT: 24.462 min Scan# 3562
Delta R.T. 0.026 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

Tgt Ion:252 Resp: 158985
Ion Ratio Lower Upper
252 100
253 25.0 16.7 25.1
125 6.2 4.8 7.2





#91

Benzo(k)fluoranthene

Concen: 21.511 ng/ul

RT: 24.462 min Scan# 3

Delta R.T. -0.050 min

Lab File: BG057293.D

Acq: 3 May 2023 19:20

Instrument :

BNA_G

ClientSampleId :

EW925DL

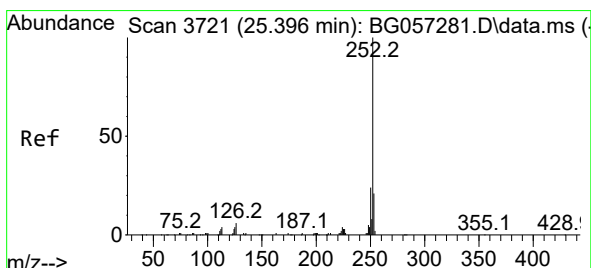
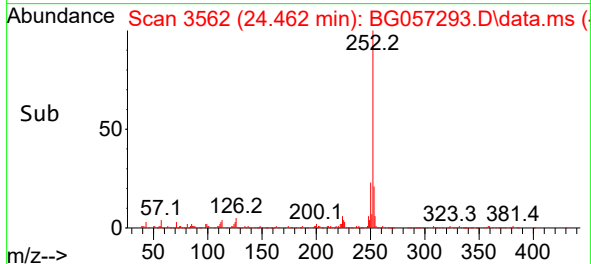
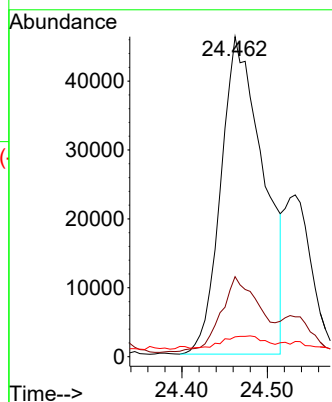
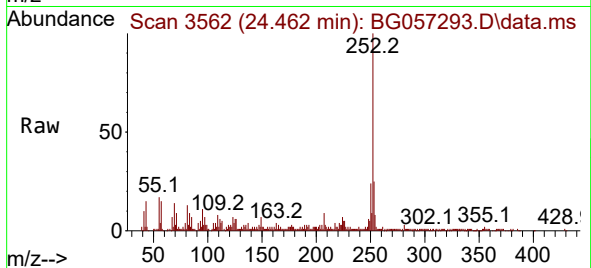
Tgt Ion:252 Resp: 158985

Ion Ratio Lower Upper

252 100

253 25.0 17.7 26.5

125 6.2 4.5 6.7



#93

Benzo(a)pyrene

Concen: 15.838 ng/ul

RT: 25.437 min Scan# 3728

Delta R.T. 0.038 min

Lab File: BG057293.D

Acq: 3 May 2023 19:20

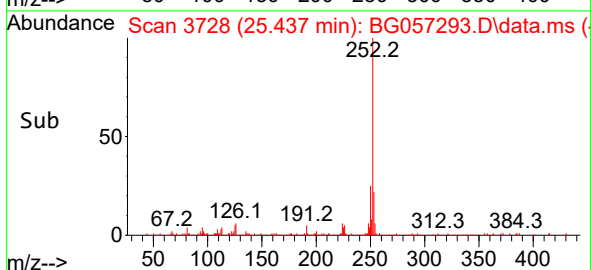
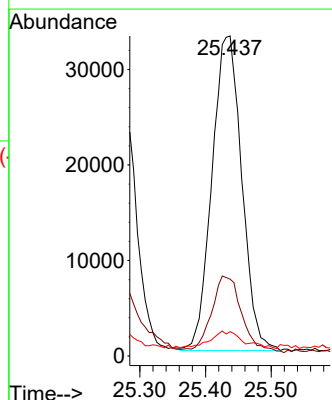
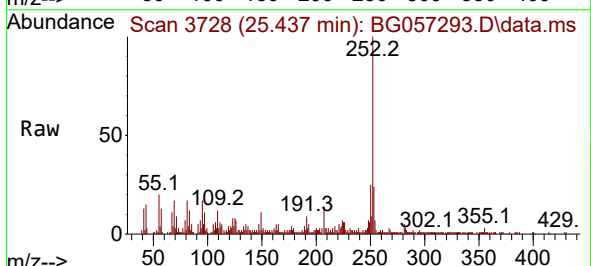
Tgt Ion:252 Resp: 103879

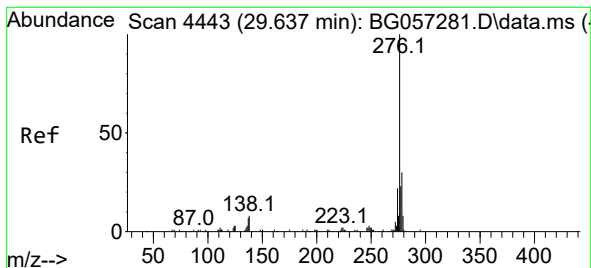
Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

125 7.6 5.1 7.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 10.454 ng/ul

RT: 29.690 min Scan# 4452

Delta R.T. 0.067 min

Lab File: BG057293.D

Acq: 3 May 2023 19:20

Instrument :

BNA_G

ClientSampleId :

EW925DL

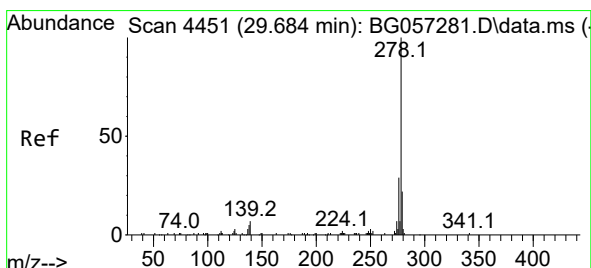
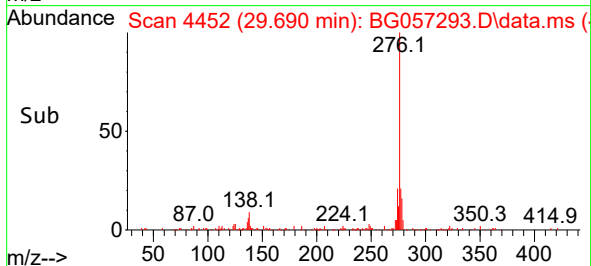
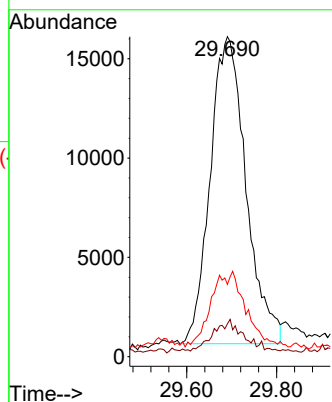
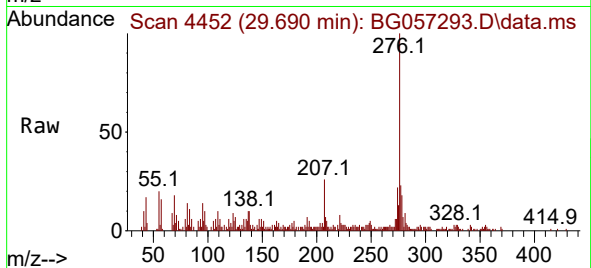
Tgt Ion:276 Resp: 85704

Ion Ratio Lower Upper

276 100

138 10.2 9.4 14.2

277 22.6 18.6 28.0



#95

Dibenzo(a,h)anthracene

Concen: 1.506 ng/ul

RT: 29.714 min Scan# 4456

Delta R.T. 0.020 min

Lab File: BG057293.D

Acq: 3 May 2023 19:20

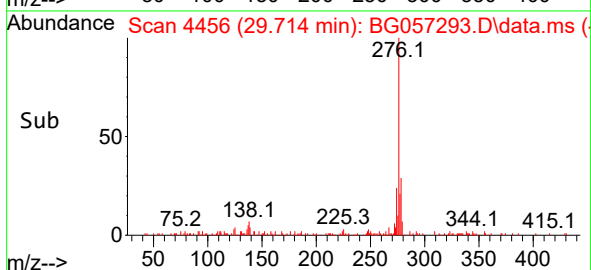
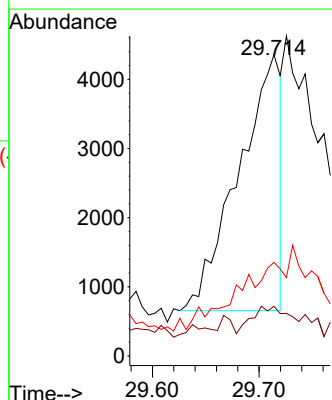
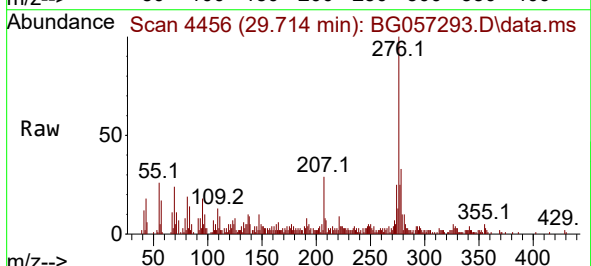
Tgt Ion:278 Resp: 10239

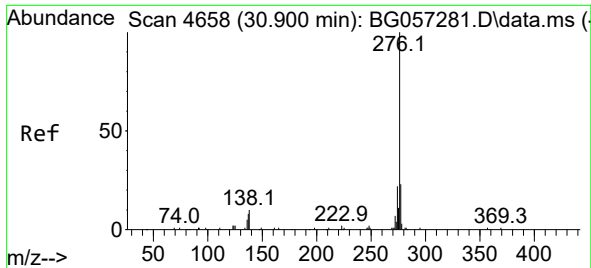
Ion Ratio Lower Upper

278 100

139 16.5 5.8 8.6#

279 31.0 18.3 27.5#





#96
 Benzo(g,h,i)perylene
 Concen: 12.979 ng/ul
 RT: 30.983 min Scan# 4672
 Delta R.T. 0.073 min
 Lab File: BG057293.D
 Acq: 3 May 2023 19:20

Instrument :
 BNA_G
 ClientSampleId :
 EW925DL

Tgt Ion:276 Resp: 86119
 Ion Ratio Lower Upper
 276 100
 138 7.4 8.7 13.1#
 277 21.1 18.4 27.6

