

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057229.D
 Acq On : 28 Apr 2023 22:55
 Operator : CG/JU
 Sample : 02417-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8W7

Quant Time: Apr 29 00:56:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

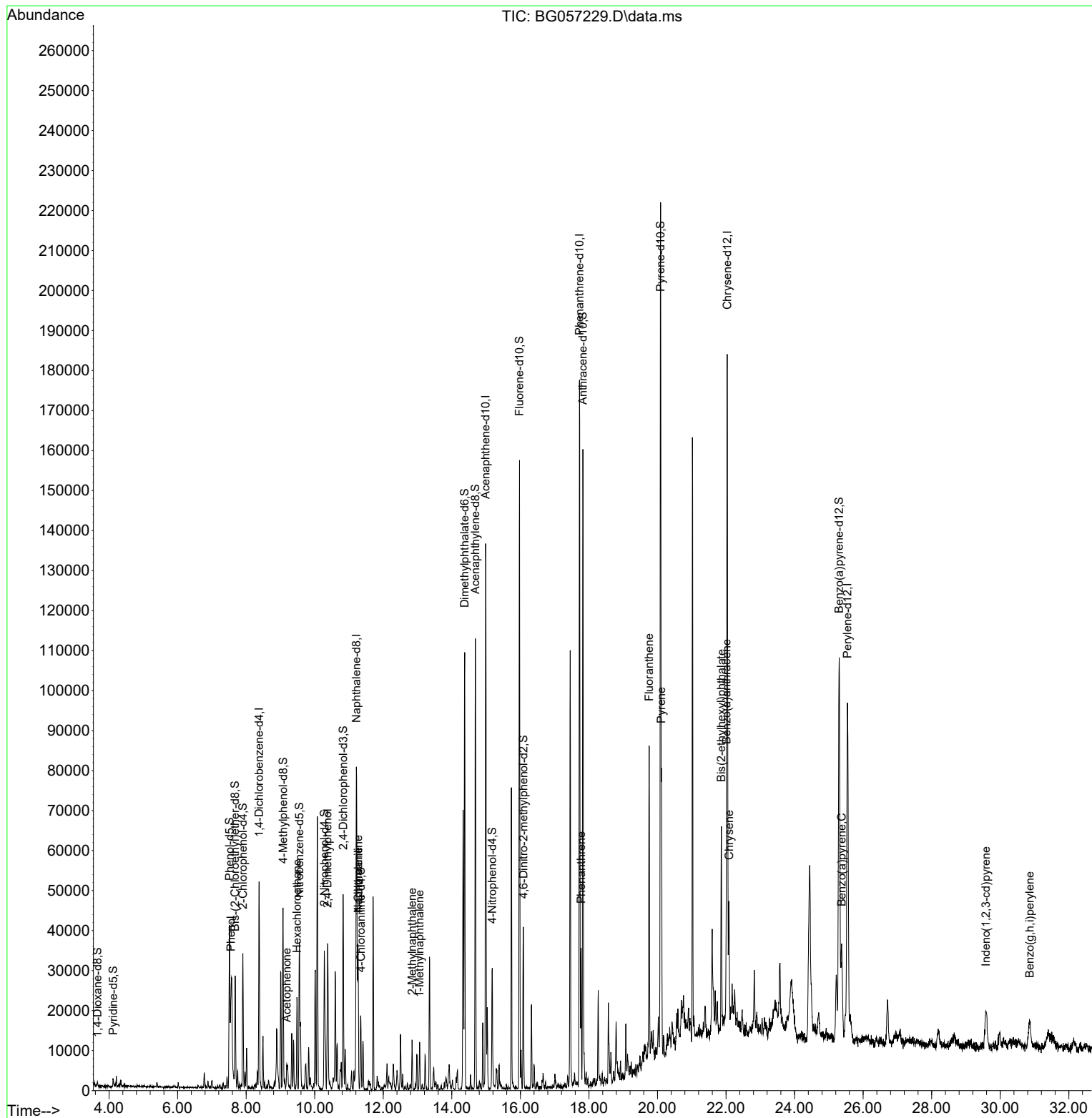
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	14008	20.000	ng/ul	0.00
20) Naphthalene-d8	11.215	136	59734	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.986	164	48754	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.724	188	116605	20.000	ng/ul	0.00
79) Chrysene-d12	22.036	240	104945	20.000	ng/ul	0.00
88) Perylene-d12	25.543	264	107257	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	699	2.196	ng/uL	0.00
4) Pyridine-d5	4.119	84	1519	1.514	ng/ul	0.02
7) Phenol-d5	7.514	99	21126	15.947	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	12727	16.334	ng/ul	0.00
11) 2-Chlorophenol-d4	7.902	132	15168	17.375	ng/ul	0.00
15) 4-Methylphenol-d8	9.077	113	16430	16.318	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	8309	17.467	ng/ul	0.00
24) 2-Nitrophenol-d4	10.281	143	9604	17.299	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.827	165	18631	17.395	ng/ul	0.00
31) 4-Chloroaniline-d4	11.344	131	10208	7.191	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	71132	18.413	ng/ul	0.00
49) Acenaphthylene-d8	14.687	160	76830	17.695	ng/ul	0.00
54) 4-Nitrophenol-d4	15.180	143	8254	14.679	ng/ul	0.01
60) Fluorene-d10	15.973	176	64867	18.025	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	10898	15.774	ng/ul	0.00
73) Anthracene-d10	17.824	188	99088	18.617	ng/ul	0.00
81) Pyrene-d10	20.091	212	121336	19.479	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.302	264	109477	20.034	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.555	94	24982	18.710	ng/ul	97
16) Acetophenone	9.188	105	7642	4.411	ng/ul#	42
19) Hexachloroethane	9.482	117	1203	3.136	ng/ul#	1
26) 2,4-Dimethylphenol	10.375	107	3071	2.408	ng/ul#	56
30) Naphthalene	11.268	128	16328	4.978	ng/ul	99
32) 4-Chloroaniline	11.268	127	2409	1.629	ng/ul#	20
36) 2-Methylnaphthalene	12.842	142	6061	2.520	ng/ul	99
37) 1-Methylnaphthalene	13.060	142	3930	1.625	ng/ul#	91
72) Phenanthrene	17.771	178	21535	3.546	ng/ul#	95
80) Fluoranthene	19.757	202	47331	6.396	ng/ul	99
82) Pyrene	20.115	202	43791	5.846	ng/ul	100
85) Benzo(a)anthracene	22.012	228	24469	3.297	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.865	149	22240	6.374	ng/ul#	95
87) Chrysene	22.089	228	26058	3.721	ng/ul	94
93) Benzo(a)pyrene	25.378	252	25072	3.910	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.579	276	19064	2.378	ng/ul#	92
96) Benzo(g,h,i)perylene	30.859	276	8416	1.297	ng/ul#	96

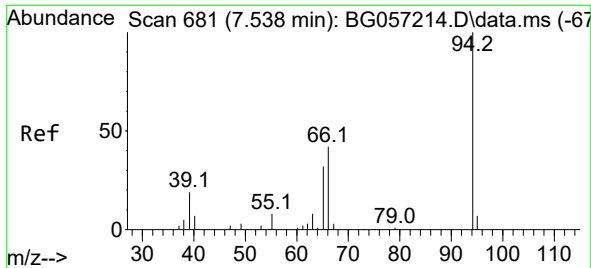
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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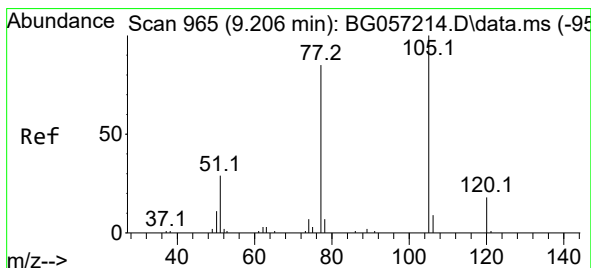
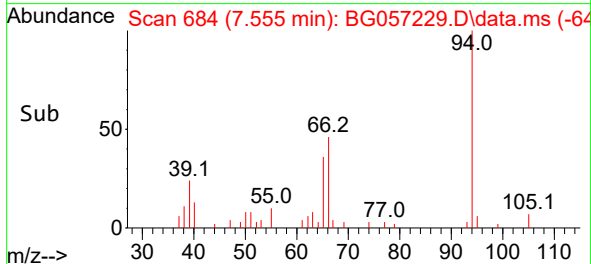
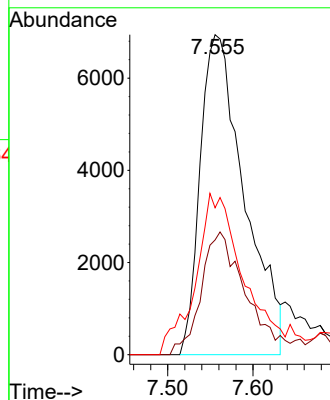
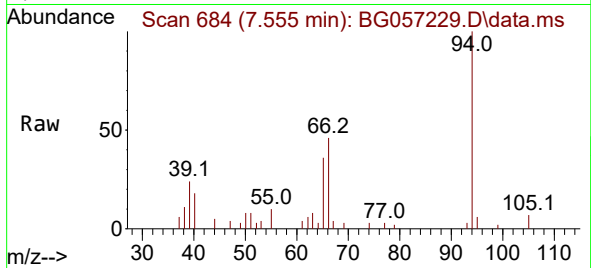




#8
Phenol
Concen: 18.710 ng/ul
RT: 7.555 min Scan# 681
Delta R.T. 0.018 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

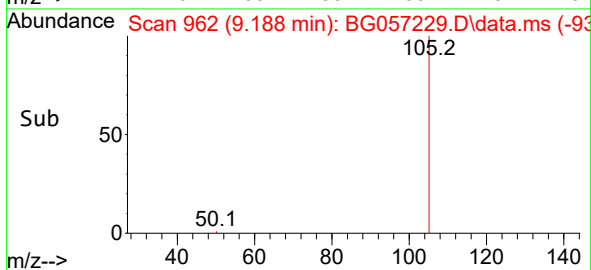
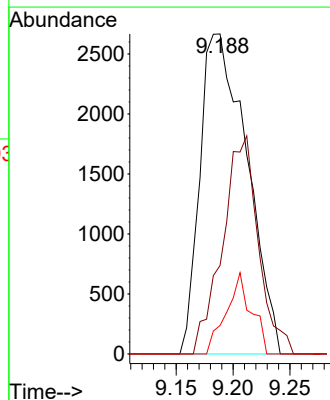
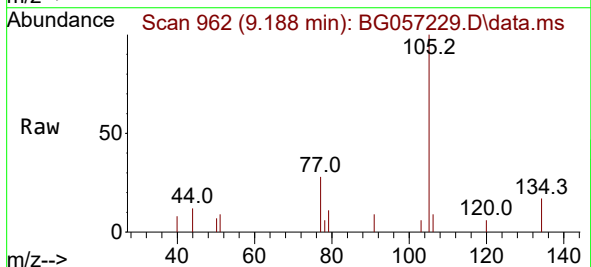
Instrument :
BNA_G
ClientSampleId :
EW8W7

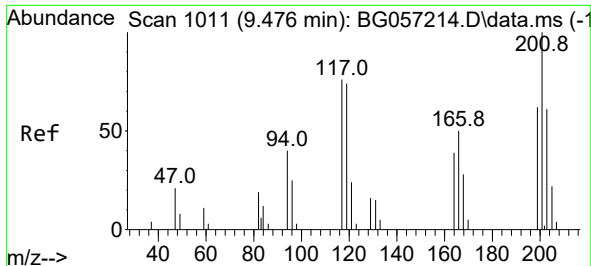
Tgt Ion: 94 Resp: 24982
Ion Ratio Lower Upper
94 100
65 35.8 25.5 38.3
66 45.9 36.9 55.3



#16
Acetophenone
Concen: 4.411 ng/ul
RT: 9.188 min Scan# 962
Delta R.T. -0.018 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

Tgt Ion: 105 Resp: 7642
Ion Ratio Lower Upper
105 100
77 27.7 70.6 105.8#
51 8.9 24.5 36.7#

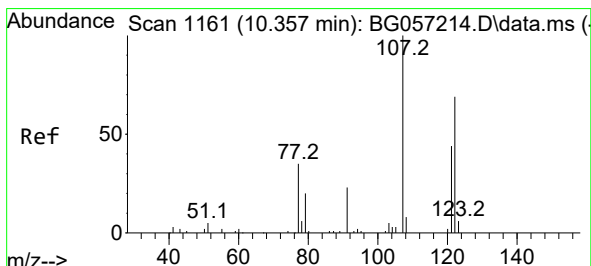
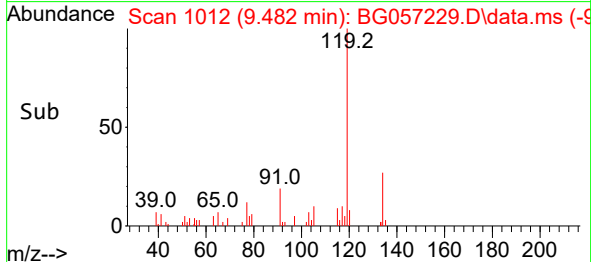
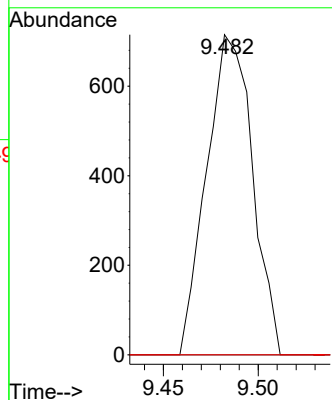
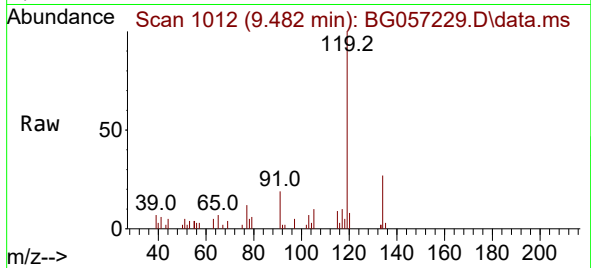




#19
Hexachloroethane
Concen: 3.136 ng/ul
RT: 9.482 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

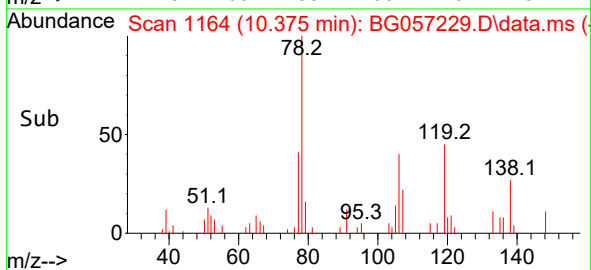
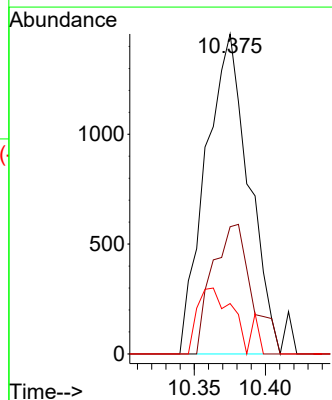
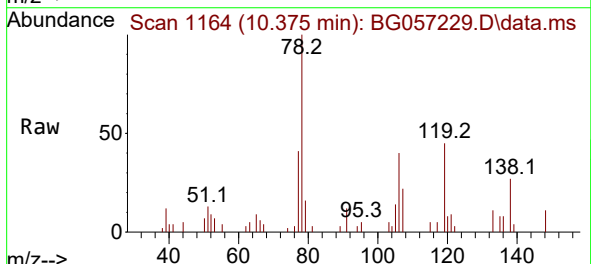
Instrument :
BNA_G
ClientSampleId :
EW8W7

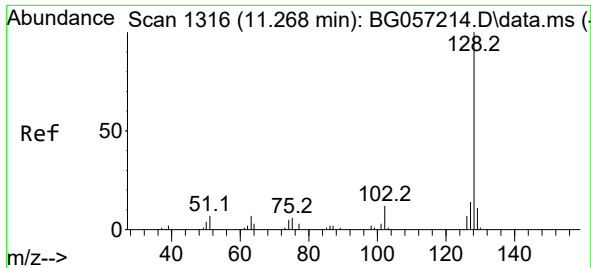
Tgt Ion:117 Resp: 1203
Ion Ratio Lower Upper
117 100
201 0.0 109.4 164.2#
199 0.0 65.4 98.2#



#26
2,4-Dimethylphenol
Concen: 2.408 ng/ul
RT: 10.375 min Scan# 1164
Delta R.T. 0.018 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

Tgt Ion:107 Resp: 3071
Ion Ratio Lower Upper
107 100
121 39.7 35.4 53.0
122 15.7 57.0 85.4#

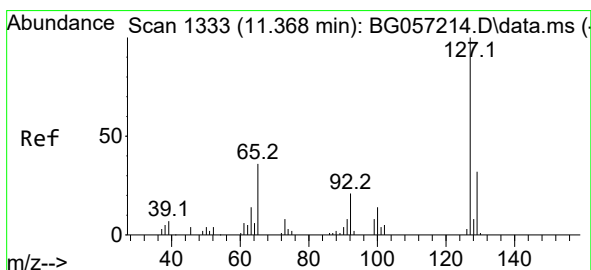
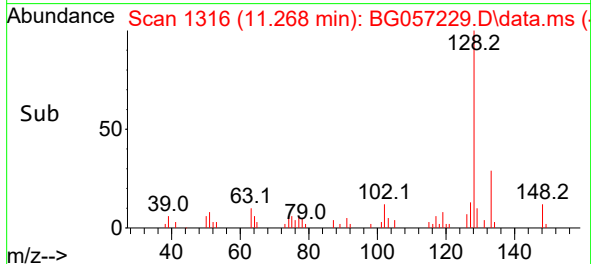
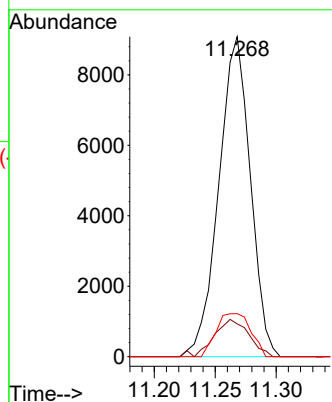
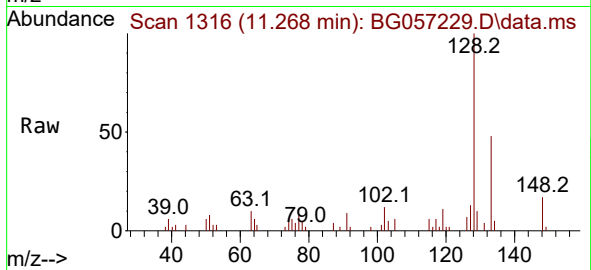




#30
Naphthalene
Concen: 4.978 ng/ul
RT: 11.268 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

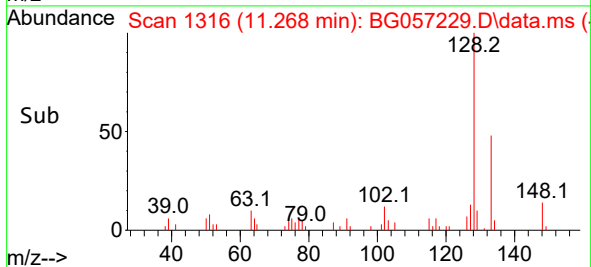
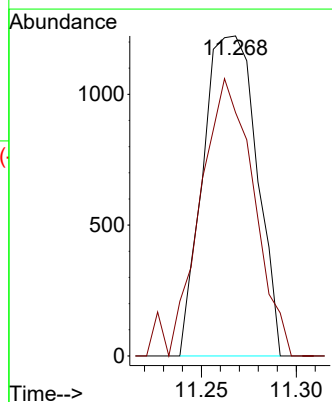
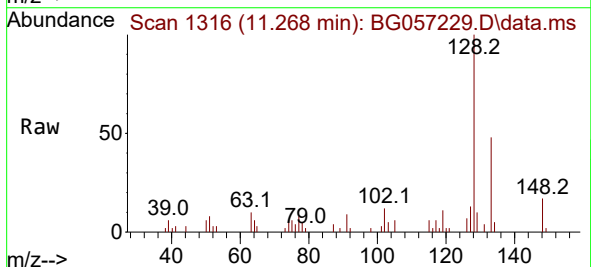
Instrument :
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ClientSampleId :
EW8W7

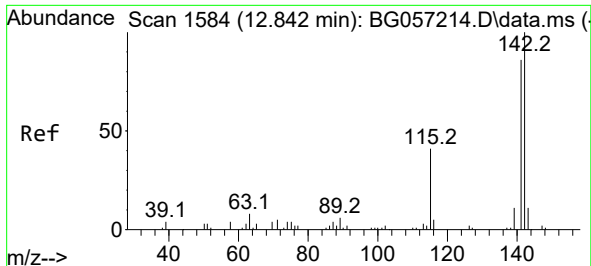
Tgt Ion:128 Resp: 16328
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 13.5 11.4 17.0



#32
4-Chloroaniline
Concen: 1.629 ng/ul
RT: 11.268 min Scan# 1316
Delta R.T. -0.100 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

Tgt Ion:127 Resp: 2409
Ion Ratio Lower Upper
127 100
129 76.0 25.4 38.0#

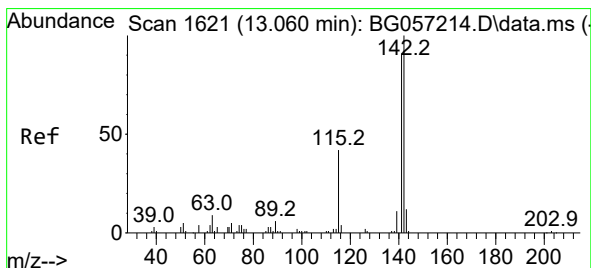
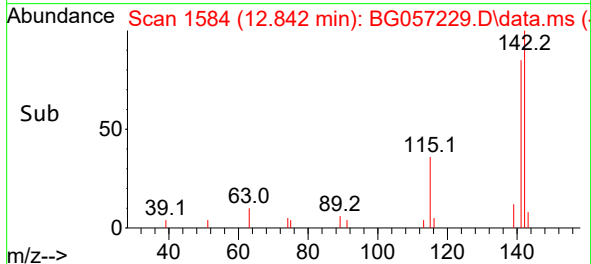
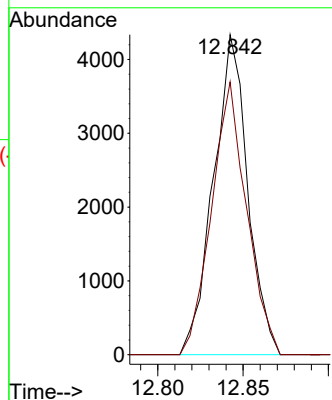
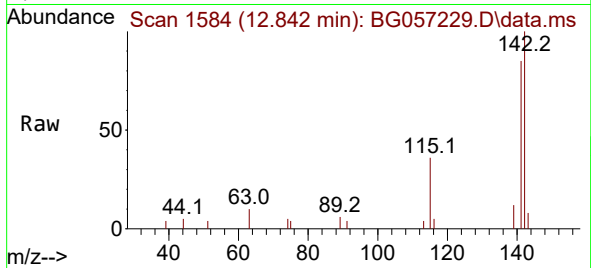




#36
2-Methylnaphthalene
Concen: 2.520 ng/ul
RT: 12.842 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

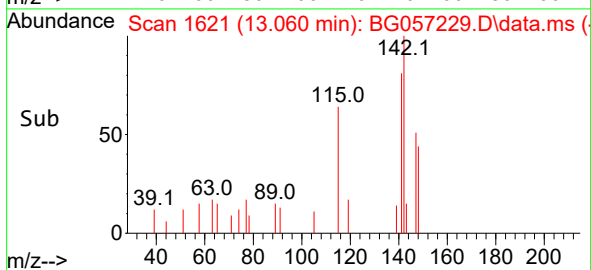
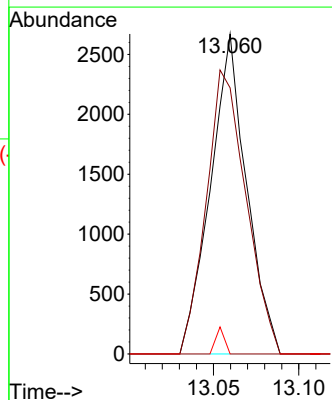
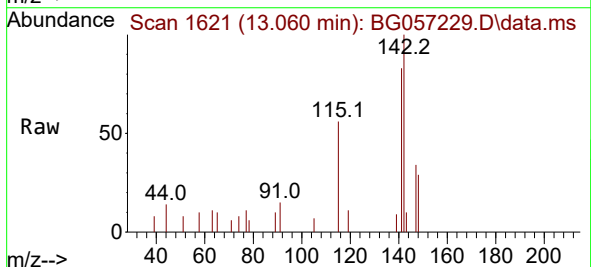
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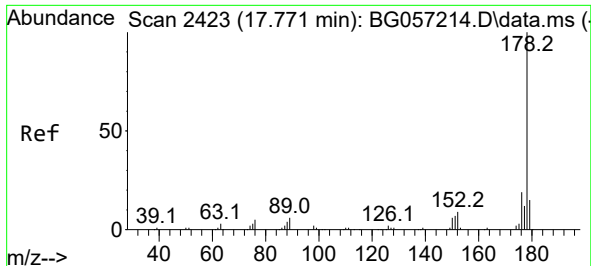
Tgt Ion:142 Resp: 6061
Ion Ratio Lower Upper
142 100
141 85.3 68.7 103.1



#37
1-Methylnaphthalene
Concen: 1.625 ng/ul
RT: 13.060 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

Tgt Ion:142 Resp: 3930
Ion Ratio Lower Upper
142 100
141 83.2 72.9 109.3
116 0.0 3.2 4.8#

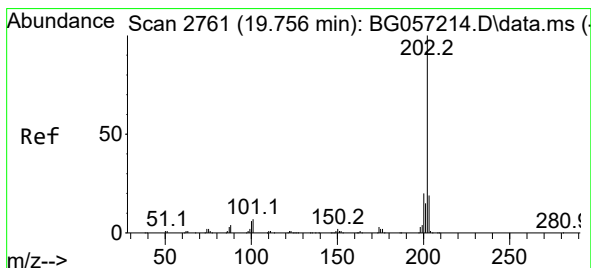
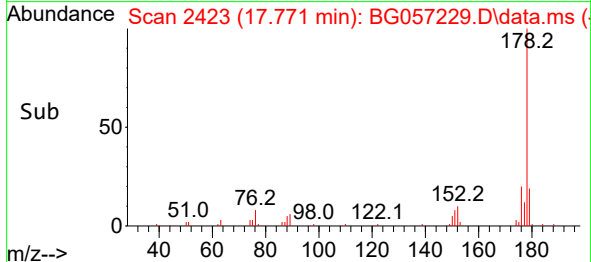
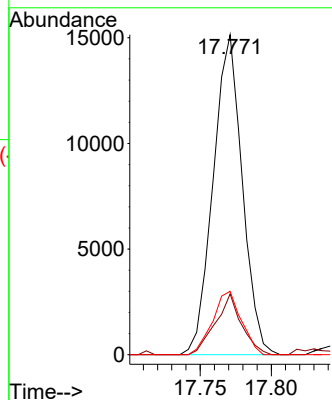
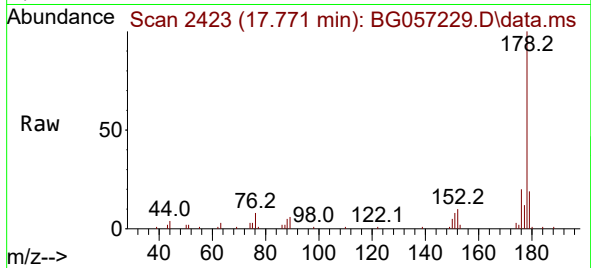




#72
Phenanthrene
Concen: 3.546 ng/ul
RT: 17.771 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

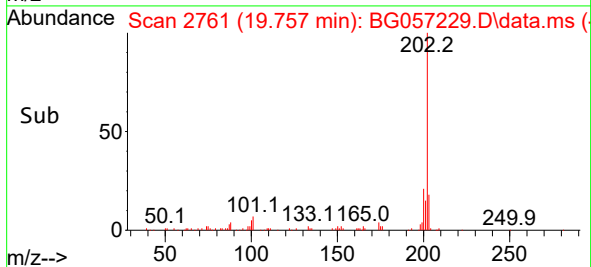
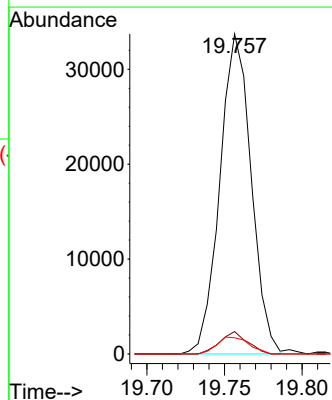
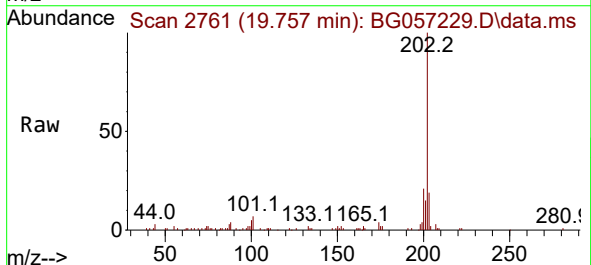
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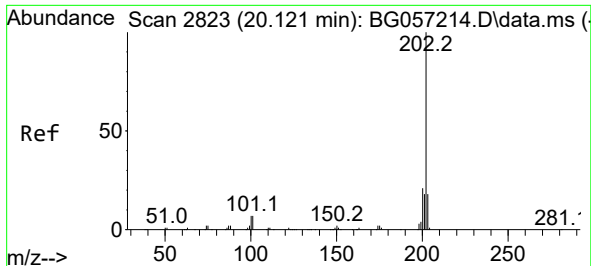
Tgt Ion:178 Resp: 21535
Ion Ratio Lower Upper
178 100
179 19.0 11.8 17.8#
176 19.8 15.4 23.0



#80
Fluoranthene
Concen: 6.396 ng/ul
RT: 19.757 min Scan# 2761
Delta R.T. 0.000 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

Tgt Ion:202 Resp: 47331
Ion Ratio Lower Upper
202 100
101 7.0 5.8 8.6
100 5.0 4.6 7.0

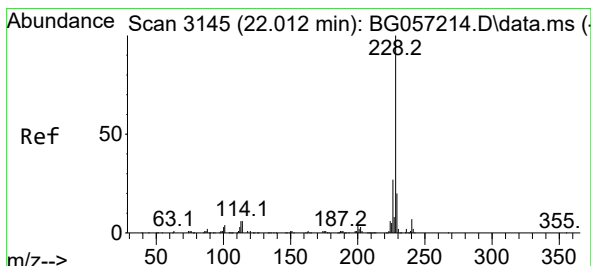
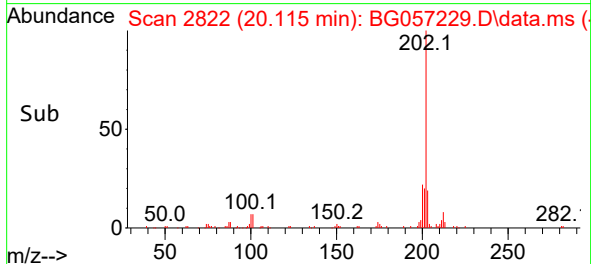
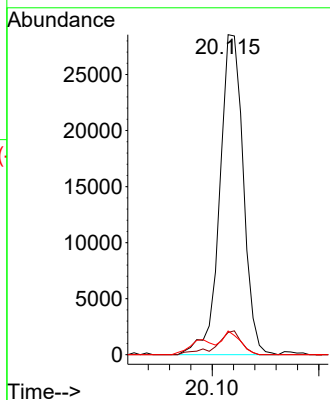
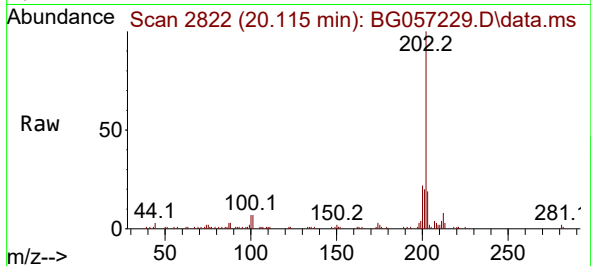




#82
 Pyrene
 Concen: 5.846 ng/ul
 RT: 20.115 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057229.D
 Acq: 28 Apr 2023 22:55

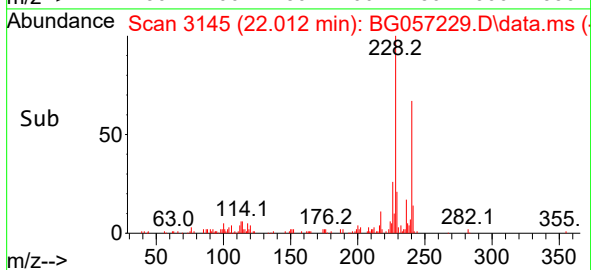
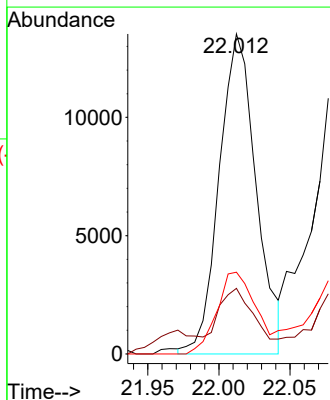
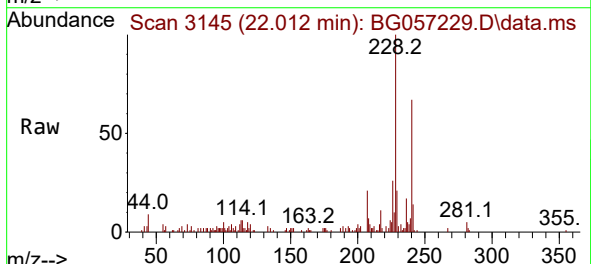
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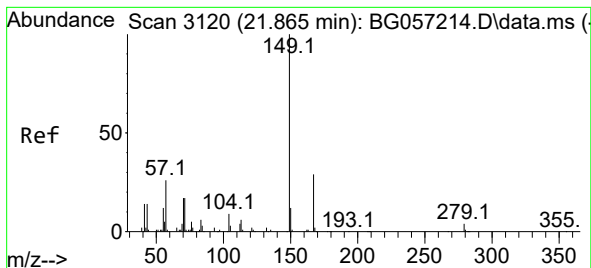
Tgt Ion:202 Resp: 43791
 Ion Ratio Lower Upper
 202 100
 101 6.9 5.7 8.5
 100 7.4 6.0 9.0



#85
 Benzo(a)anthracene
 Concen: 3.297 ng/ul
 RT: 22.012 min Scan# 3145
 Delta R.T. 0.000 min
 Lab File: BG057229.D
 Acq: 28 Apr 2023 22:55

Tgt Ion:228 Resp: 24469
 Ion Ratio Lower Upper
 228 100
 229 20.5 15.8 23.6
 226 25.6 21.7 32.5

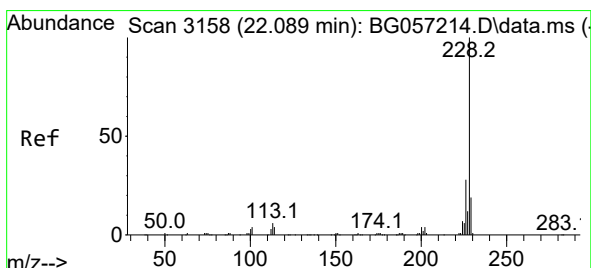
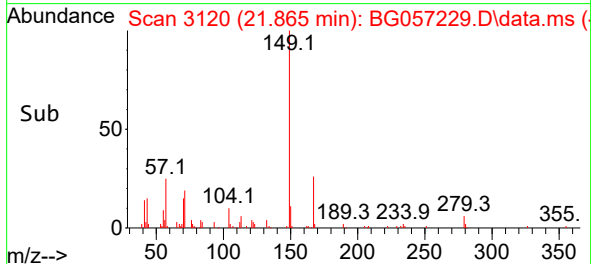
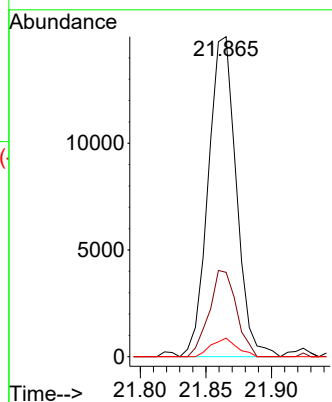
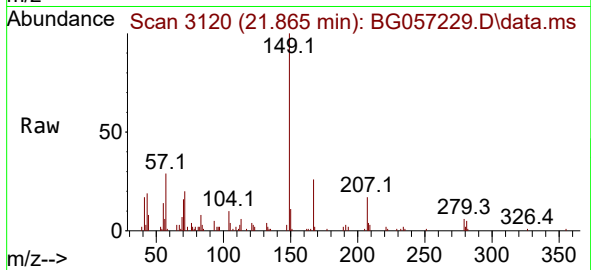




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 6.374 ng/ul
 RT: 21.865 min Scan# 3120
 Delta R.T. 0.000 min
 Lab File: BG057229.D
 Acq: 28 Apr 2023 22:55

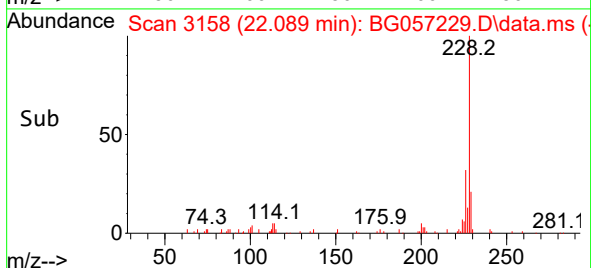
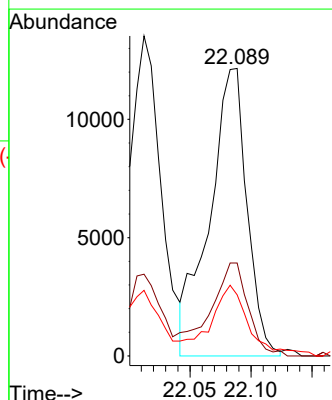
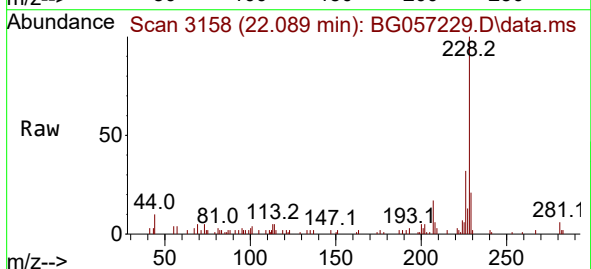
Instrument :
 BNA_G
 ClientSampleId :
 EW8W7

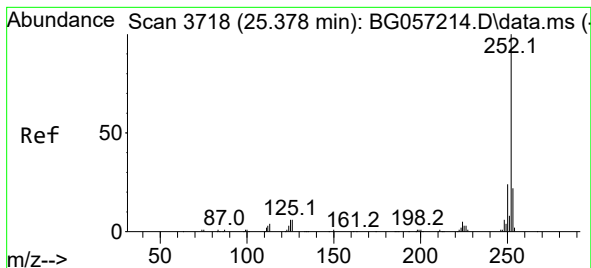
Tgt Ion:149 Resp: 22240
 Ion Ratio Lower Upper
 149 100
 167 26.4 23.0 34.6
 279 5.8 3.6 5.4#



#87
 Chrysene
 Concen: 3.721 ng/ul
 RT: 22.089 min Scan# 3158
 Delta R.T. 0.000 min
 Lab File: BG057229.D
 Acq: 28 Apr 2023 22:55

Tgt Ion:228 Resp: 26058
 Ion Ratio Lower Upper
 228 100
 226 32.3 22.8 34.2
 229 21.2 15.5 23.3





#93

Benzo(a)pyrene

Concen: 3.910 ng/ul

RT: 25.378 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG057229.D

Acq: 28 Apr 2023 22:55

Instrument :

BNA_G

ClientSampleId :

EW8W7

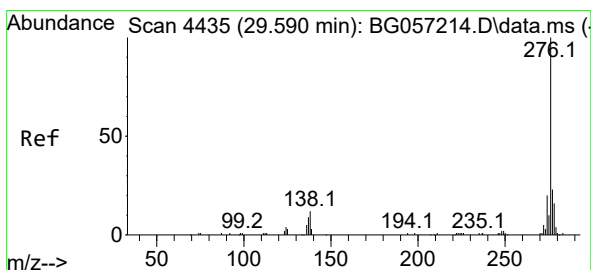
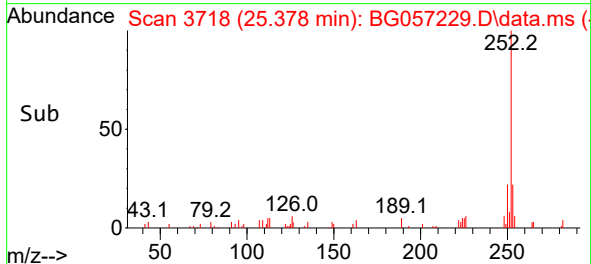
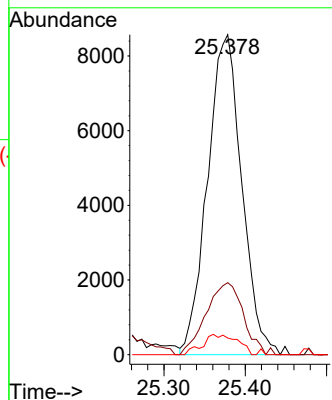
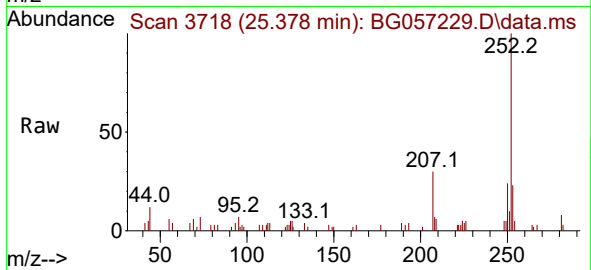
Tgt Ion:252 Resp: 25072

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 5.2 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.378 ng/ul

RT: 29.579 min Scan# 4433

Delta R.T. -0.012 min

Lab File: BG057229.D

Acq: 28 Apr 2023 22:55

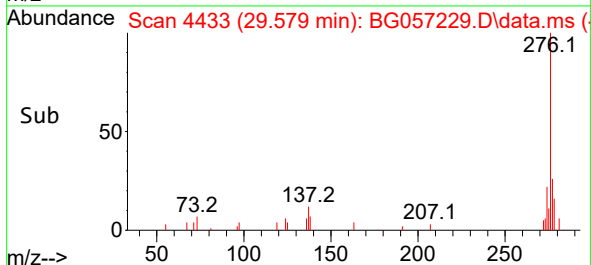
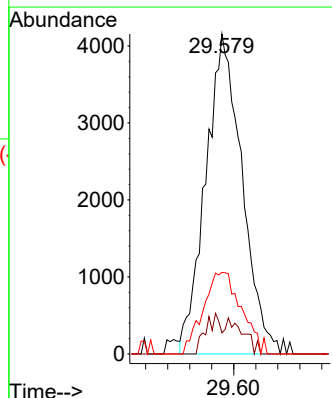
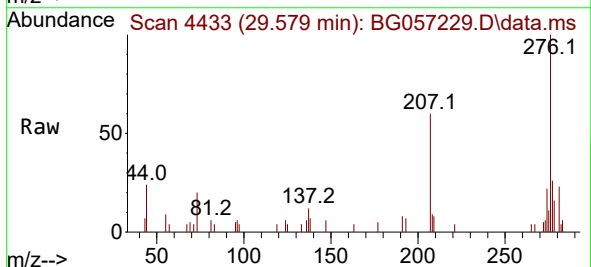
Tgt Ion:276 Resp: 19064

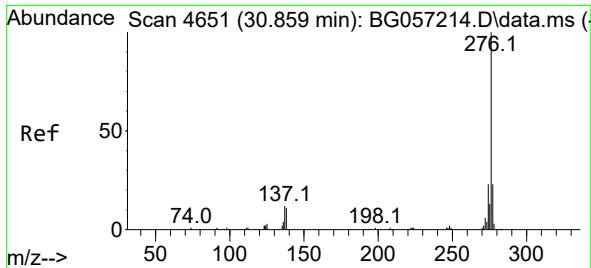
Ion Ratio Lower Upper

276 100

138 6.6 9.4 14.2#

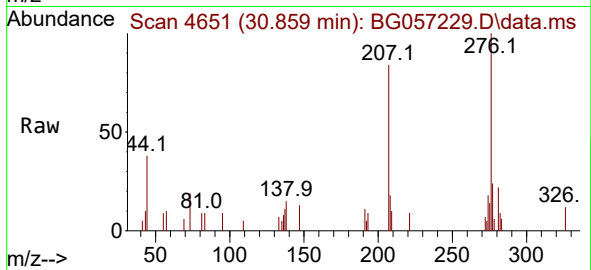
277 25.5 18.6 28.0





#96
 Benzo(g,h,i)perylene
 Concen: 1.297 ng/ul
 RT: 30.859 min Scan# 4
 Delta R.T. 0.000 min
 Lab File: BG057229.D
 Acq: 28 Apr 2023 22:55

Instrument :
 BNA_G
 ClientSampleId :
 EW8W7



Tgt Ion:	276	Resp:	8416
Ion Ratio	Lower	Upper	
276	100		
138	14.6	8.7	13.1#
277	23.9	18.4	27.6

