

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056928.D
 Acq On : 30 Mar 2023 17:27
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG033023

Quant Time: Mar 31 03:28:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	19247	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	77505	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	61711	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	150411	20.000	ng	0.00
76) Chrysene-d12	22.095	240	137718	20.000	ng	0.00
86) Perylene-d12	25.637	264	153615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	99591	82.813	ng	0.00
7) Phenol-d6	7.544	99	152651	84.870	ng	0.00
23) Nitrobenzene-d5	9.594	82	153443	81.008	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	79125	80.260	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	363863	79.954	ng	0.00
79) Terphenyl-d14	20.338	244	664389	81.634	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.725	88	21772	41.299	ng	95
3) Pyridine	4.148	79	67353	39.667	ng	100
4) n-Nitrosodimethylamine	4.054	42	31377	40.192	ng	# 94
6) Aniline	7.720	93	94032	40.894	ng	99
8) 2-Chlorophenol	7.972	128	48974	40.885	ng	92
9) Benzaldehyde	7.538	77	47079	41.731	ng	94
10) Phenol	7.567	94	74633	41.876	ng	95
11) bis(2-Chloroethyl)ether	7.814	93	52967	41.722	ng	99
12) 1,3-Dichlorobenzene	8.301	146	53163	40.166	ng	98
13) 1,4-Dichlorobenzene	8.454	146	53748	40.235	ng	95
14) 1,2-Dichlorobenzene	8.777	146	51702	40.061	ng	97
15) Benzyl Alcohol	8.642	79	64462	43.132	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.936	45	61677	40.312	ng	97
17) 2-Methylphenol	8.842	107	54377	42.766	ng	96
18) Hexachloroethane	9.523	117	19390	39.713	ng	97
19) n-Nitroso-di-n-propyla...	9.218	70	52674	40.943	ng	97
20) 3+4-Methylphenols	9.171	107	74804	42.072	ng	98
22) Acetophenone	9.241	105	93200	40.412	ng	# 96
24) Nitrobenzene	9.635	77	79714	41.162	ng	95
25) Isophorone	10.152	82	145197	40.254	ng	99
26) 2-Nitrophenol	10.352	139	31130	41.646	ng	92
27) 2,4-Dimethylphenol	10.393	122	54728	41.467	ng	96
28) bis(2-Chloroethoxy)met...	10.634	93	70545	39.066	ng	96
29) 2,4-Dichlorophenol	10.886	162	56507	39.812	ng	96
30) 1,2,4-Trichlorobenzene	11.115	180	59447	39.418	ng	99
31) Naphthalene	11.309	128	169537	40.131	ng	99
32) Benzoic acid	10.504	122	38226	42.165	ng	88
33) 4-Chloroaniline	11.403	127	75311	39.471	ng	96
34) Hexachlorobutadiene	11.585	225	45022	39.742	ng	93
35) Caprolactam	12.161	113	19633	40.109	ng	86
36) 4-Chloro-3-methylphenol	12.490	107	63920	40.270	ng	95
37) 2-Methylnaphthalene	12.883	142	134971	40.255	ng	100
38) 1-Methylnaphthalene	13.101	142	123581	39.253	ng	100
40) 1,2,4,5-Tetrachloroben...	13.242	216	84121	39.310	ng	100
41) Hexachlorocyclopentadiene	13.218	237	49934	42.351	ng	91
43) 2,4,6-Trichlorophenol	13.471	196	55381	40.555	ng	98

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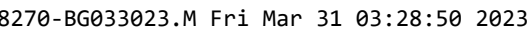
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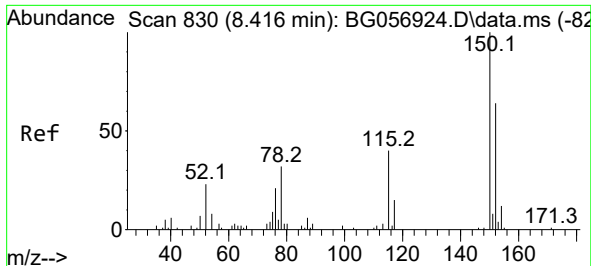
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.541	196	64645	39.960	ng	97
46) 1,1'-Biphenyl	13.864	154	181412	40.158	ng	97
47) 2-Chloronaphthalene	13.917	162	132361	39.616	ng	96
48) 2-Nitroaniline	14.105	65	49248	41.223	ng	90
49) Acenaphthylene	14.757	152	221711	40.389	ng	97
50) Dimethylphthalate	14.464	163	195647	40.237	ng	98
51) 2,6-Dinitrotoluene	14.593	165	42490	40.445	ng	94
52) Acenaphthene	15.098	154	151788	40.093	ng	98
53) 3-Nitroaniline	14.922	138	41207	39.627	ng	89
54) 2,4-Dinitrophenol	15.122	184	25760	43.563	ng	# 83
55) Dibenzofuran	15.421	168	226428	39.848	ng	97
56) 4-Nitrophenol	15.210	139	31849	41.419	ng	91
57) 2,4-Dinitrotoluene	15.374	165	60070	40.541	ng	98
58) Fluorene	16.067	166	187949	39.972	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.644	232	58199	39.511	ng	# 99
60) Diethylphthalate	15.815	149	196232	40.257	ng	96
61) 4-Chlorophenyl-phenyle...	16.050	204	109290	39.588	ng	98
62) 4-Nitroaniline	16.079	138	44201	41.026	ng	98
63) Azobenzene	16.343	77	196376	40.424	ng	99
65) 4,6-Dinitro-2-methylph...	16.132	198	38506	42.270	ng	97
66) n-Nitrosodiphenylamine	16.261	169	163968	40.609	ng	96
67) 4-Bromophenyl-phenylether	16.949	248	73895	39.706	ng	93
68) Hexachlorobenzene	17.072	284	74777	40.641	ng	96
69) Atrazine	17.195	200	68429	40.828	ng	98
70) Pentachlorophenol	17.413	266	52824	40.018	ng	91
71) Phenanthrene	17.812	178	311847	40.665	ng	98
72) Anthracene	17.906	178	317099	40.336	ng	99
73) Carbazole	18.165	167	275476	40.191	ng	99
74) Di-n-butylphthalate	18.687	149	321556	40.514	ng	98
75) Fluoranthene	19.798	202	389353	40.052	ng	99
77) Benzidine	19.962	184	147539	39.194	ng	99
78) Pyrene	20.162	202	391292	41.079	ng	97
80) Butylbenzylphthalate	21.020	149	135628	41.378	ng	96
81) Benzo(a)anthracene	22.071	228	386037	40.507	ng	99
82) 3,3'-Dichlorobenzidine	21.965	252	125981	39.148	ng	99
83) Chrysene	22.147	228	361159	40.474	ng	98
84) Bis(2-ethylhexyl)phtha...	21.930	149	198975	41.921	ng	98
85) Di-n-octyl phthalate	23.252	149	330241	41.288	ng	99
87) Indeno(1,2,3-cd)pyrene	29.743	276	450191	39.654	ng	# 96
88) Benzo(b)fluoranthene	24.503	252	386141	40.198	ng	97
89) Benzo(k)fluoranthene	24.579	252	392706	40.950	ng	98
90) Benzo(a)pyrene	25.472	252	378825	40.132	ng	98
91) Dibenzo(a,h)anthracene	29.808	278	370944	39.750	ng	97
92) Benzo(g,h,i)perylene	31.029	276	361669	39.580	ng	99

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

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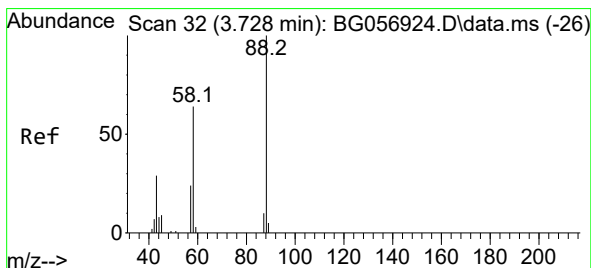
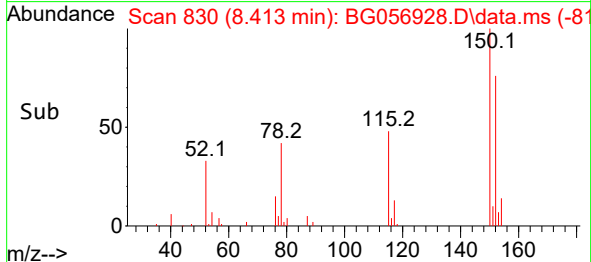
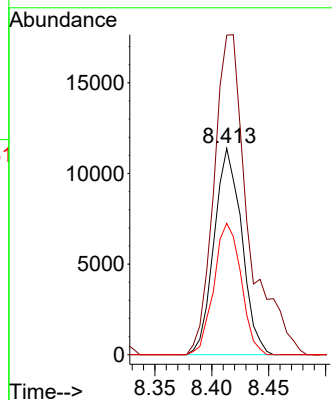
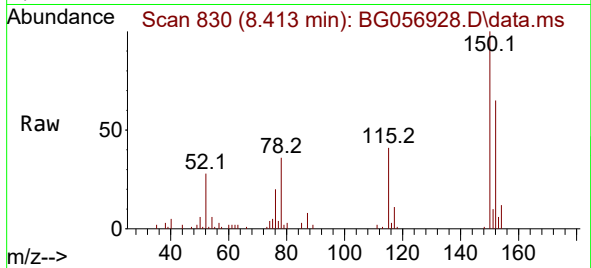




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.413 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG056928.D
 Acq: 30 Mar 2023 17:27

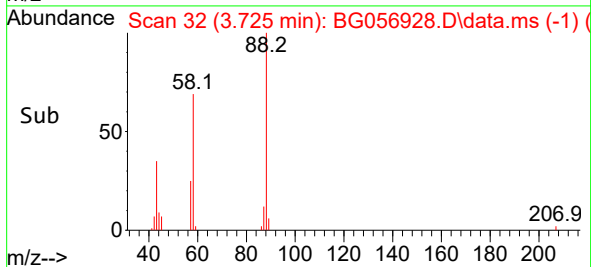
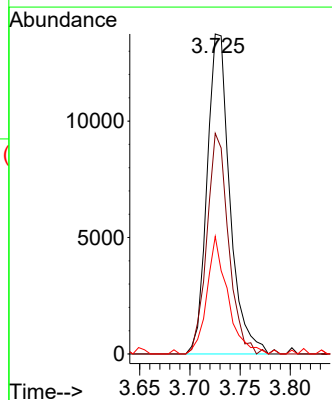
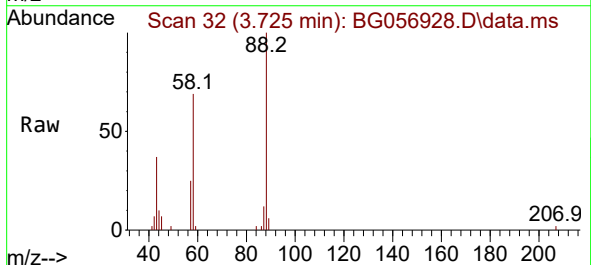
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 BNA_G
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 ICVBG033023

Tgt Ion:152 Resp: 19247
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.1 186.1
 115 63.6 49.1 73.7



#2
 1,4-Dioxane
 Concen: 41.299 ng
 RT: 3.725 min Scan# 32
 Delta R.T. -0.003 min
 Lab File: BG056928.D
 Acq: 30 Mar 2023 17:27

Tgt Ion: 88 Resp: 21772
 Ion Ratio Lower Upper
 88 100
 58 65.5 55.9 83.9
 43 33.6 25.7 38.5

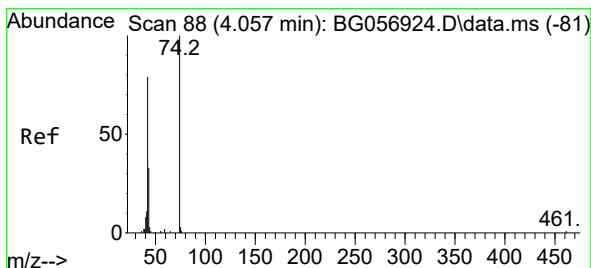
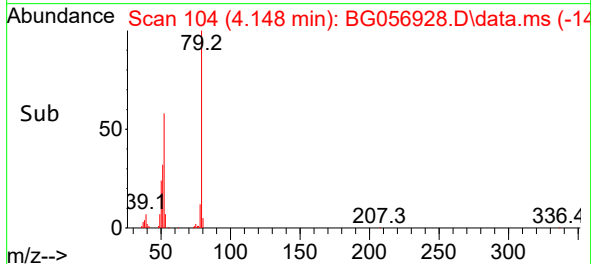
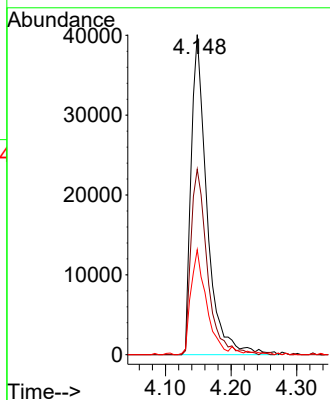
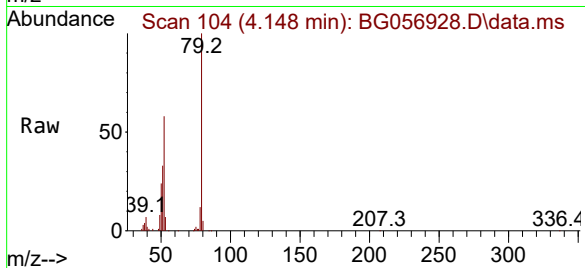




#3
 Pyridine
 Concen: 39.667 ng
 RT: 4.148 min Scan# 104
 Delta R.T. -0.003 min
 Lab File: BG056928.D
 Acq: 30 Mar 2023 17:27

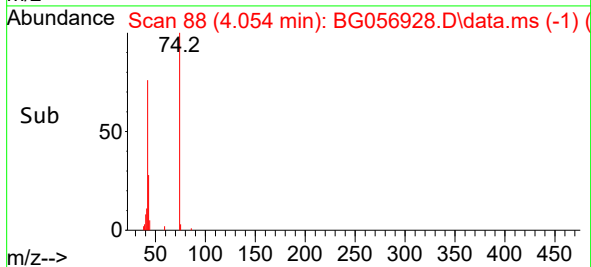
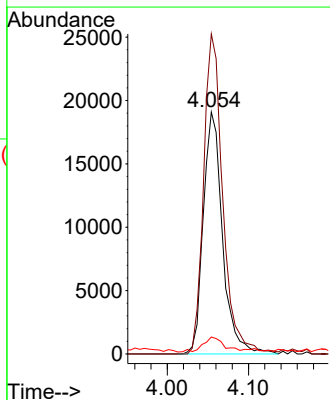
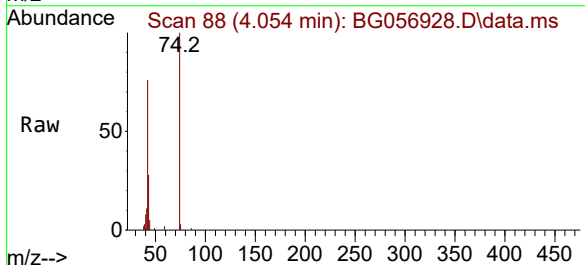
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG033023

Tgt Ion: 79 Resp: 67353
 Ion Ratio Lower Upper
 79 100
 52 57.9 46.1 69.1
 51 32.8 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 40.192 ng
 RT: 4.054 min Scan# 88
 Delta R.T. -0.003 min
 Lab File: BG056928.D
 Acq: 30 Mar 2023 17:27

Tgt Ion: 42 Resp: 31377
 Ion Ratio Lower Upper
 42 100
 74 132.3 100.6 151.0
 44 7.0 4.6 7.0#

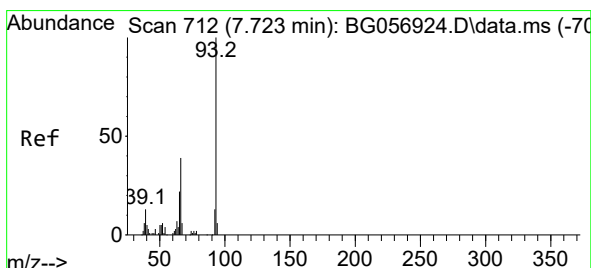
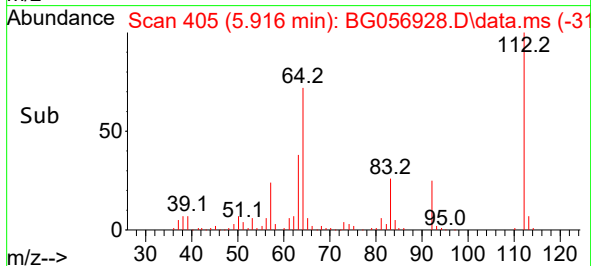
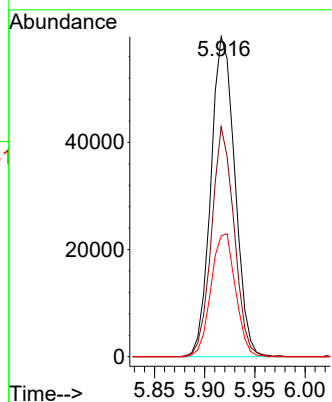
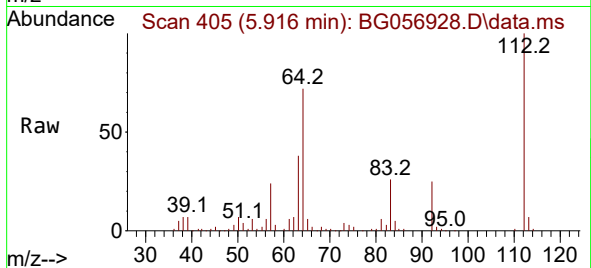




#5
2-Fluorophenol
Concen: 82.813 ng
RT: 5.916 min Scan# 405
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

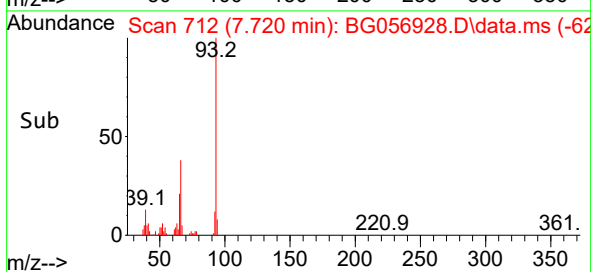
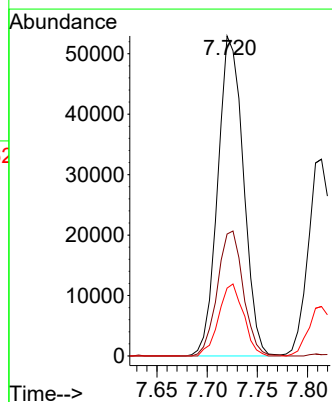
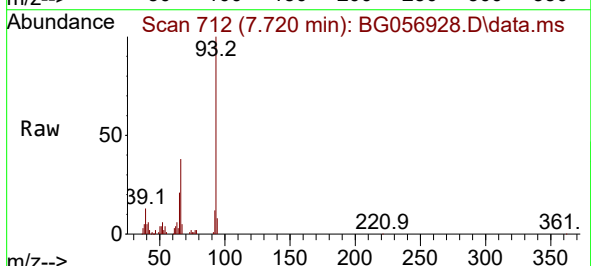
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BNA_G
ClientSampleId :
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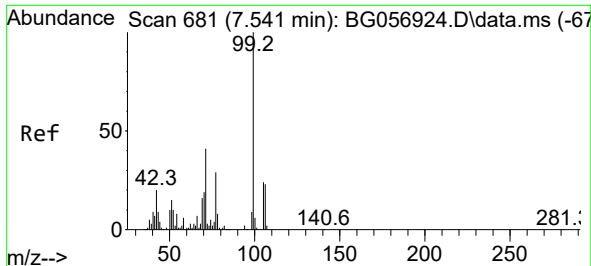
Tgt Ion:112	Resp:	99591
Ion Ratio	Lower	Upper
112	100	
64	71.8	53.2 79.8
63	37.7	32.6 48.8



#6
Aniline
Concen: 40.894 ng
RT: 7.720 min Scan# 712
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion: 93	Resp:	94032
Ion Ratio	Lower	Upper
93	100	
66	38.1	31.4 47.0
65	21.2	17.3 25.9

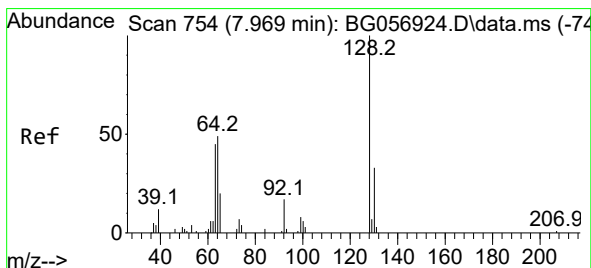
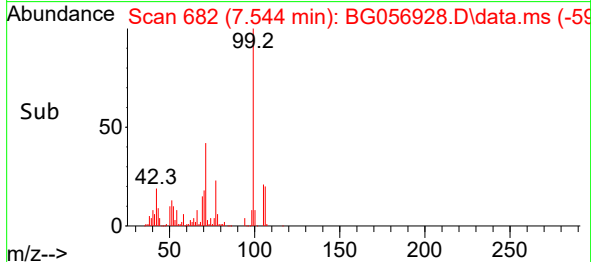
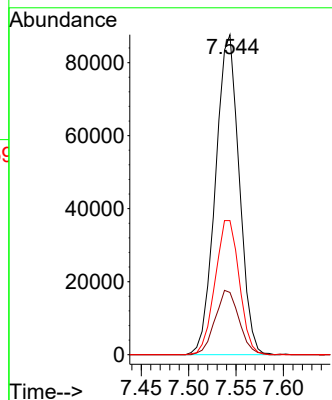
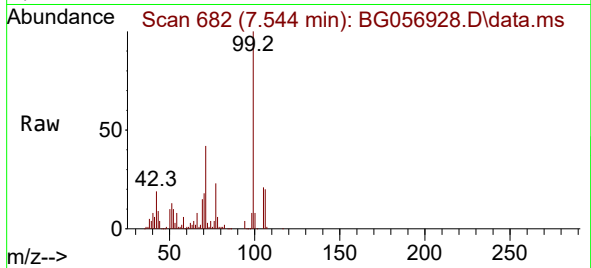




#7
Phenol-d6
Concen: 84.870 ng
RT: 7.544 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

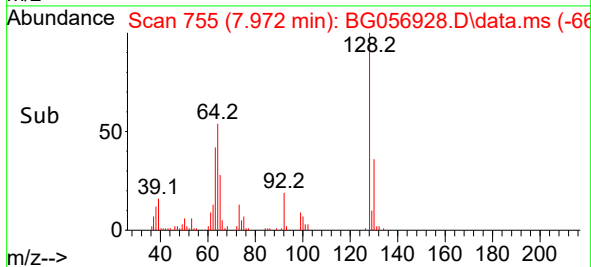
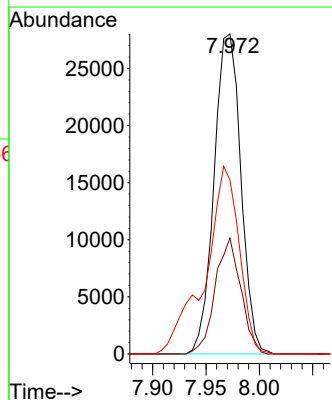
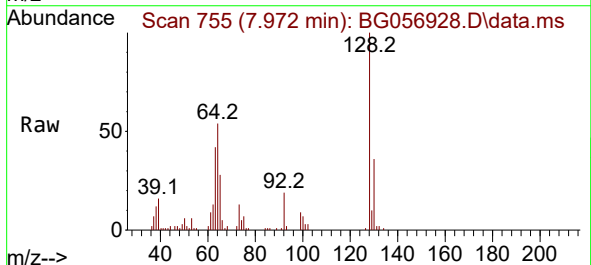
Instrument :
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Tgt Ion: 99 Resp: 152651
Ion Ratio Lower Upper
99 100
42 19.5 15.7 23.5
71 41.9 32.5 48.7



#8
2-Chlorophenol
Concen: 40.885 ng
RT: 7.972 min Scan# 755
Delta R.T. 0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion: 128 Resp: 48974
Ion Ratio Lower Upper
128 100
130 36.3 12.6 52.6
64 54.4 40.6 80.6

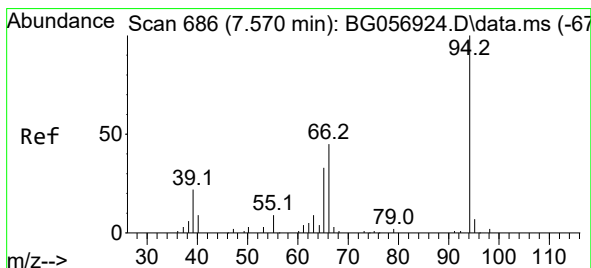
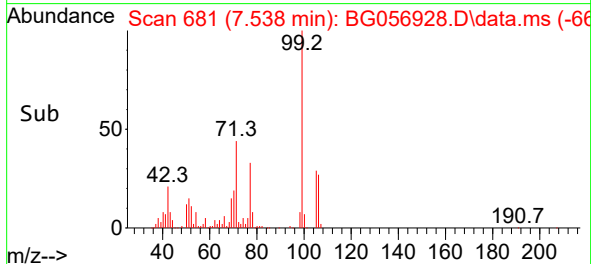
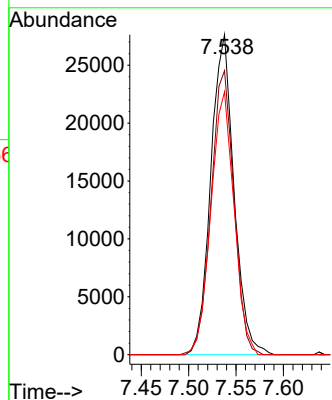
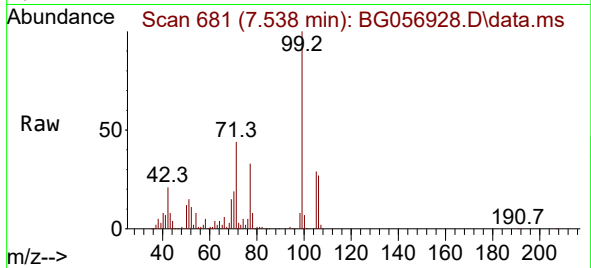




#9
Benzaldehyde
Concen: 41.731 ng
RT: 7.538 min Scan# 680
Delta R.T. 0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

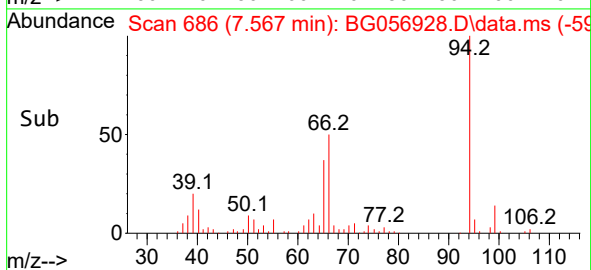
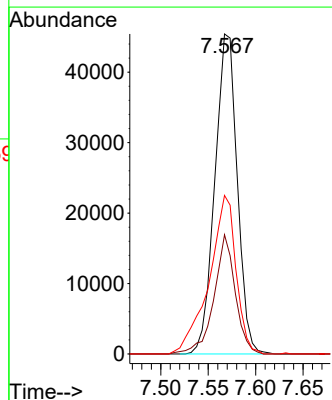
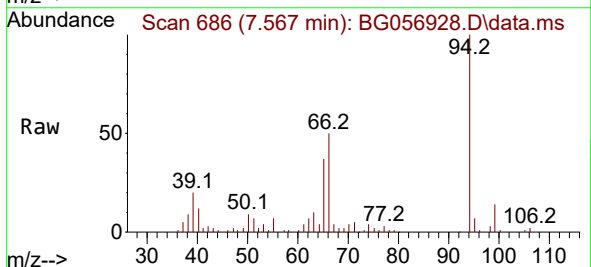
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ClientSampleId :
ICVBG033023

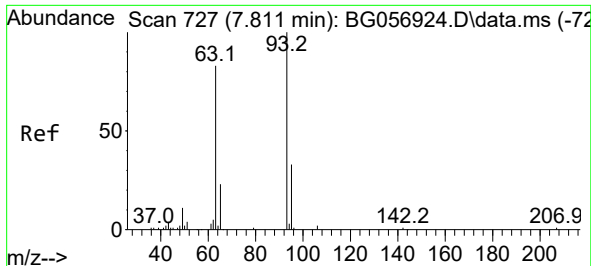
Tgt Ion: 77 Resp: 47079
Ion Ratio Lower Upper
77 100
105 88.8 73.6 113.6
106 82.2 56.7 96.7



#10
Phenol
Concen: 41.876 ng
RT: 7.567 min Scan# 686
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion: 94 Resp: 74633
Ion Ratio Lower Upper
94 100
65 37.2 13.3 53.3
66 49.5 26.7 66.7

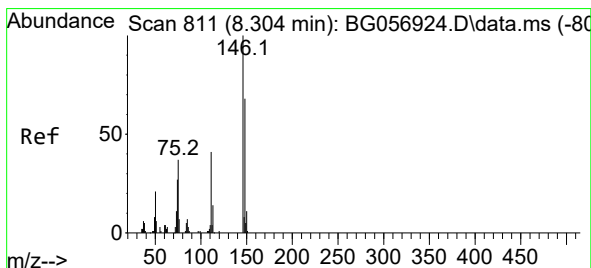
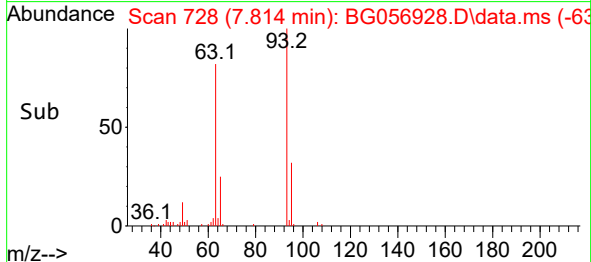
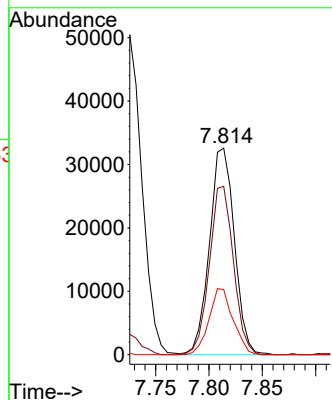
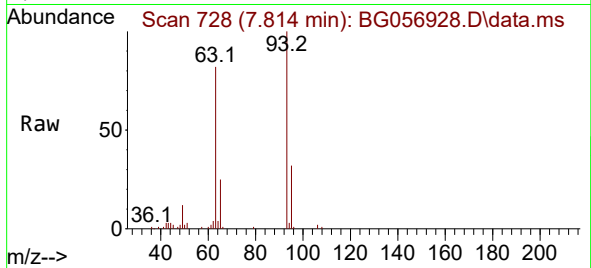




#11
bis(2-Chloroethyl)ether
Concen: 41.722 ng
RT: 7.814 min Scan# 727
Delta R.T. 0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

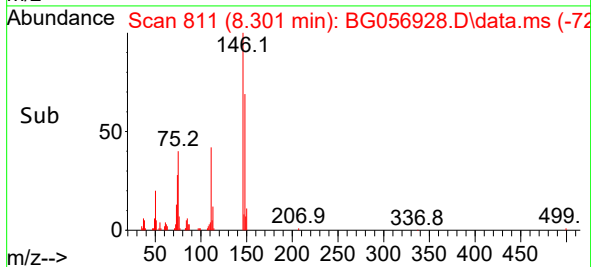
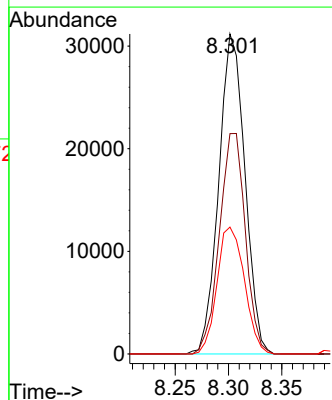
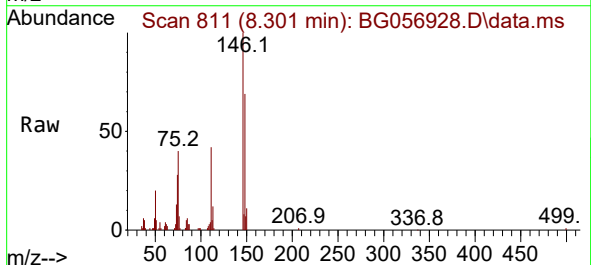
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

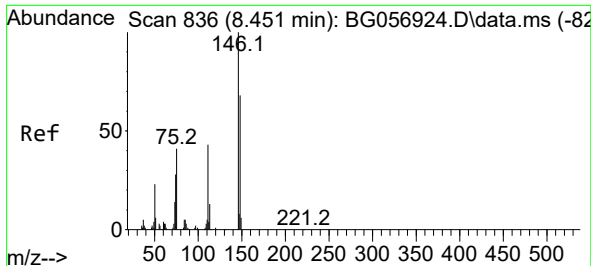
Tgt Ion: 93 Resp: 52967
Ion Ratio Lower Upper
93 100
63 81.5 62.7 102.7
95 31.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.166 ng
RT: 8.301 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:146 Resp: 53163
Ion Ratio Lower Upper
146 100
148 68.9 54.2 81.4
75 39.6 29.8 44.8

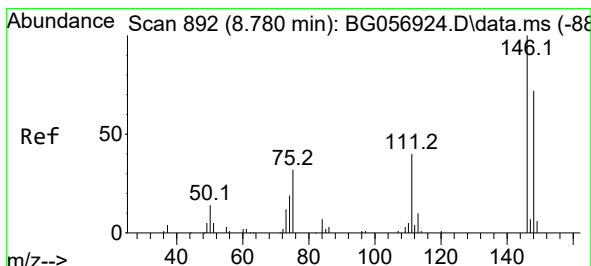
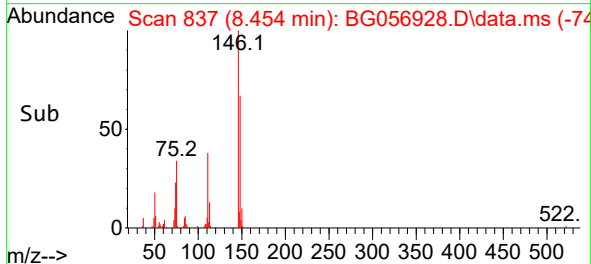
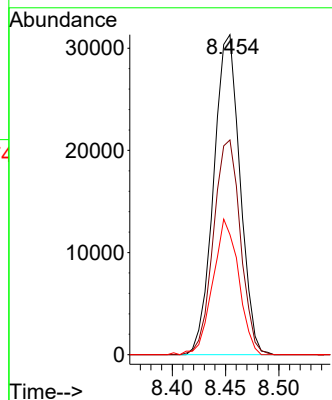
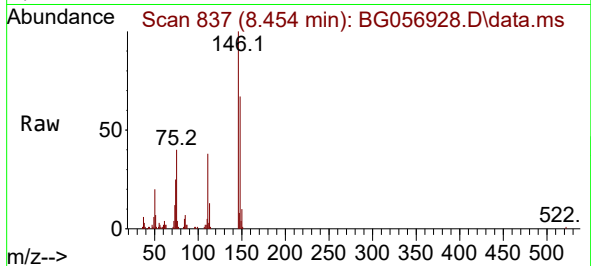




#13
1,4-Dichlorobenzene
Concen: 40.235 ng
RT: 8.454 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

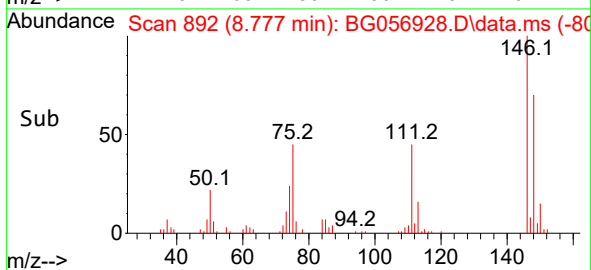
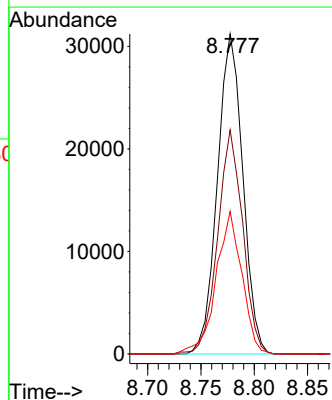
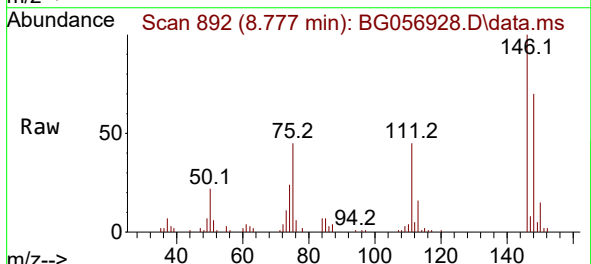
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

Tgt Ion:146 Resp: 53748
Ion Ratio Lower Upper
146 100
148 67.1 54.8 82.2
111 37.5 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 40.061 ng
RT: 8.777 min Scan# 892
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:146 Resp: 51702
Ion Ratio Lower Upper
146 100
148 70.0 57.4 86.0
111 44.6 33.2 49.8

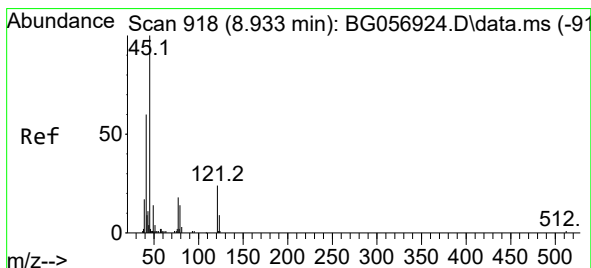
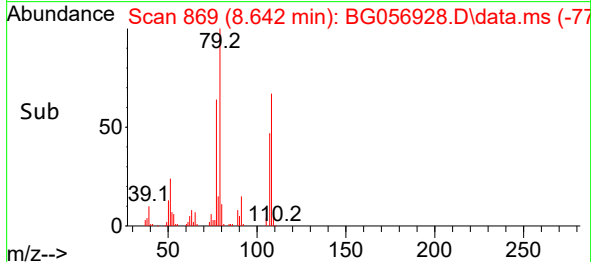
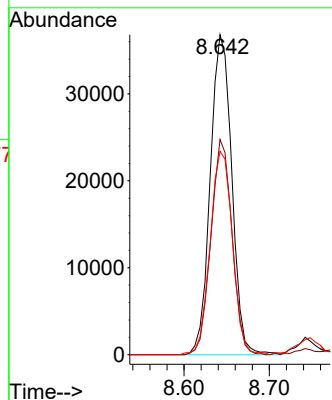
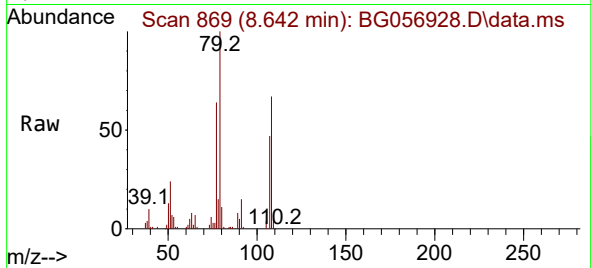




#15
Benzyl Alcohol
Concen: 43.132 ng
RT: 8.642 min Scan# 869
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

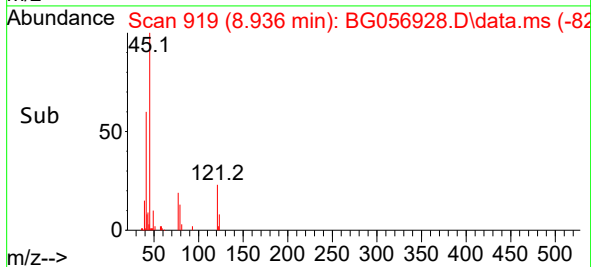
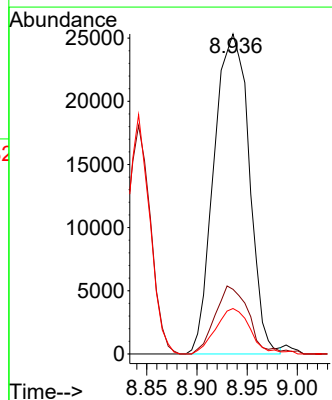
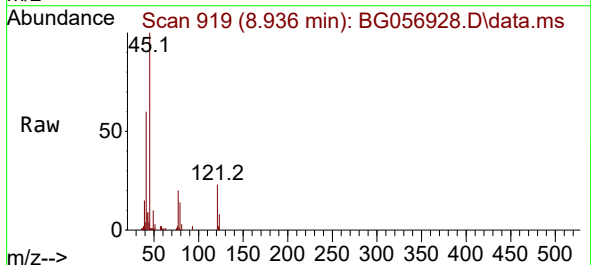
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

Tgt Ion: 79 Resp: 64462
Ion Ratio Lower Upper
79 100
108 67.3 51.2 76.8
77 63.6 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.312 ng
RT: 8.936 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion: 45 Resp: 61677
Ion Ratio Lower Upper
45 100
77 20.2 0.0 38.7
79 14.2 0.0 35.1





#17

2-Methylphenol

Concen: 42.766 ng

RT: 8.842 min Scan# 903

Delta R.T. -0.003 min

Lab File: BG056928.D

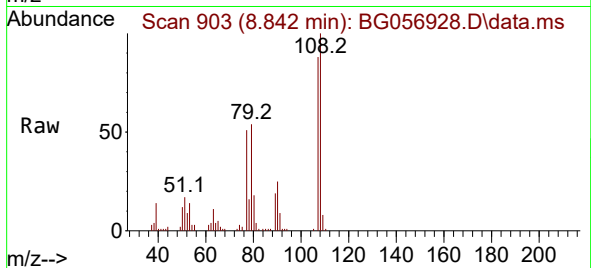
Acq: 30 Mar 2023 17:27

Instrument :

BNA_G

ClientSampleId :

ICVBG033023



Tgt Ion:107 Resp: 54377

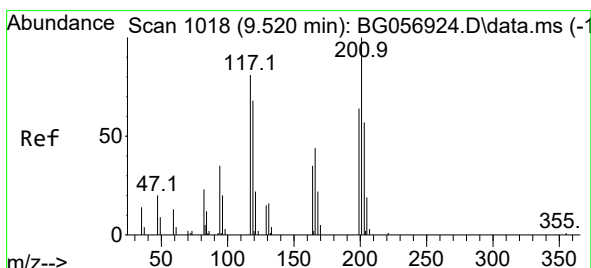
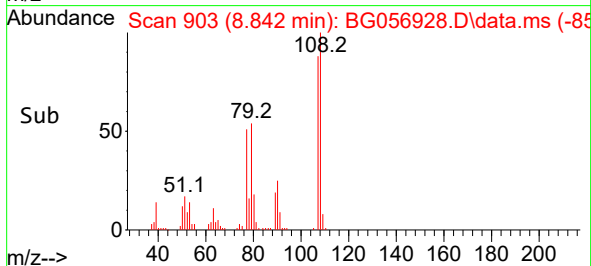
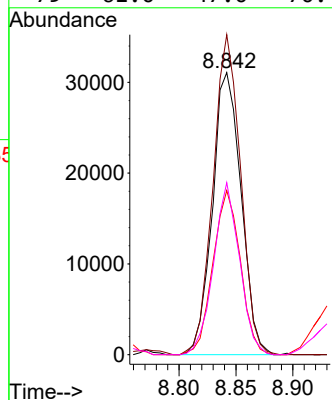
Ion Ratio Lower Upper

107 100

108 113.4 96.0 144.0

77 58.2 45.6 68.4

79 61.0 47.0 70.4



#18

Hexachloroethane

Concen: 39.713 ng

RT: 9.523 min Scan# 1019

Delta R.T. 0.003 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

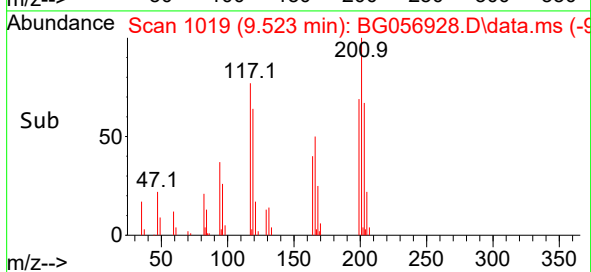
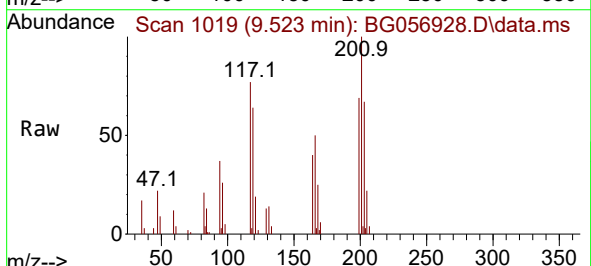
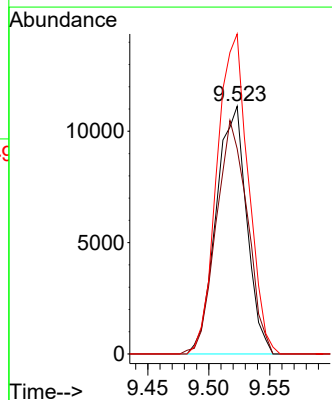
Tgt Ion:117 Resp: 19390

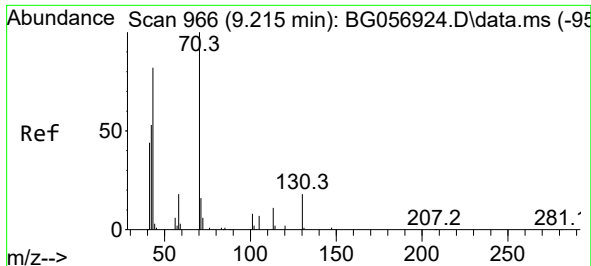
Ion Ratio Lower Upper

117 100

119 82.9 67.0 100.6

201 129.2 98.7 148.1

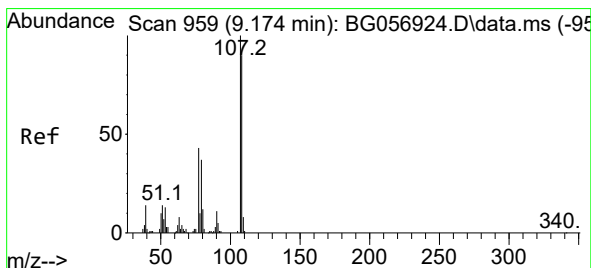
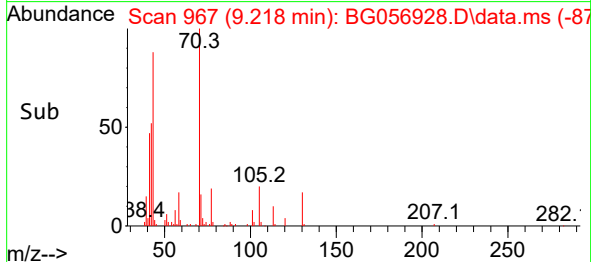
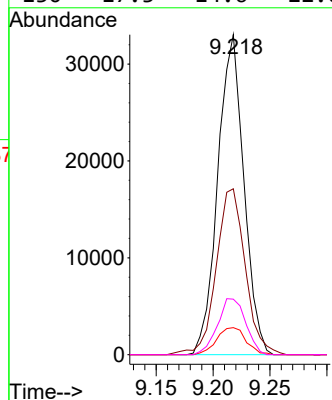
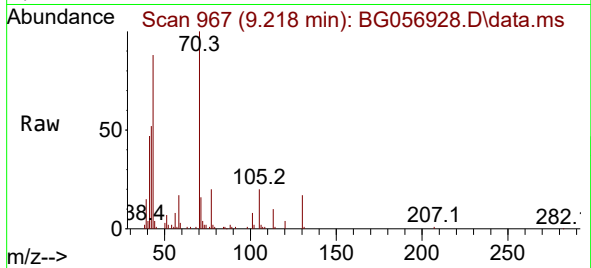




#19
n-Nitroso-di-n-propylamine
Concen: 40.943 ng
RT: 9.218 min Scan# 966
Delta R.T. 0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

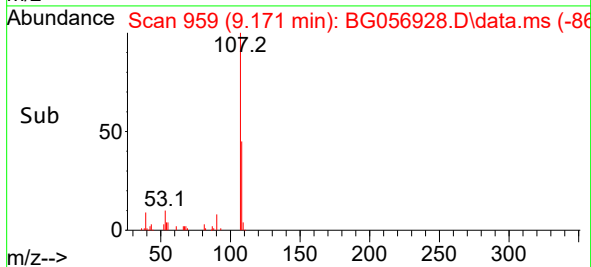
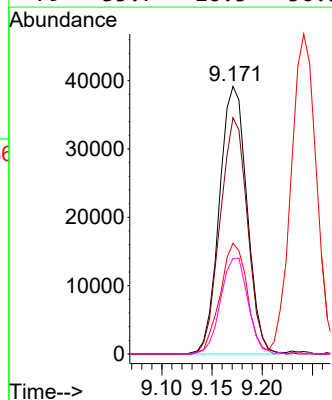
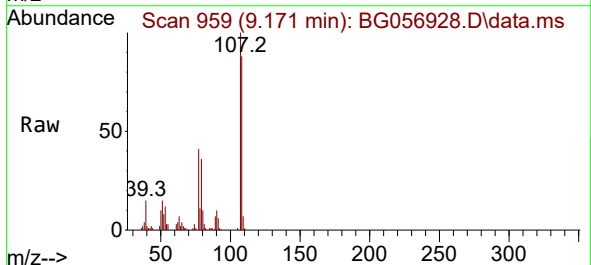
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

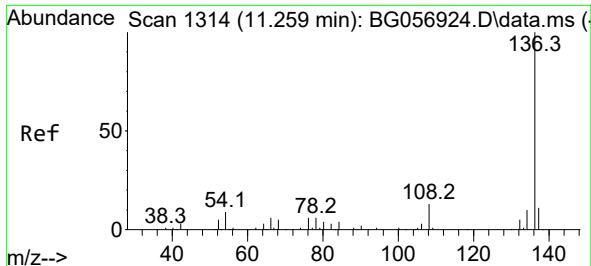
Tgt Ion:	70	Resp:	52674
Ion	Ratio	Lower	Upper
70	100		
42	51.8	43.4	65.0
101	8.4	6.2	9.2
130	17.3	14.6	22.0



#20
3+4-Methylphenols
Concen: 42.072 ng
RT: 9.171 min Scan# 959
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:	107	Resp:	74804
Ion	Ratio	Lower	Upper
107	100		
108	88.3	69.9	109.9
77	41.4	22.7	62.7
79	35.7	16.5	56.5





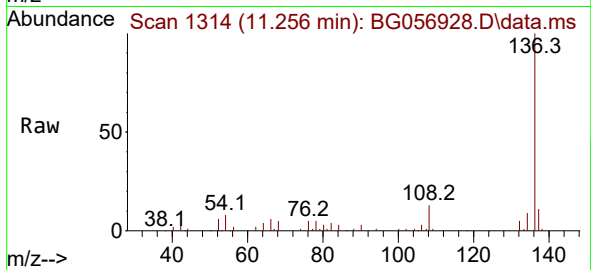
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Instrument :

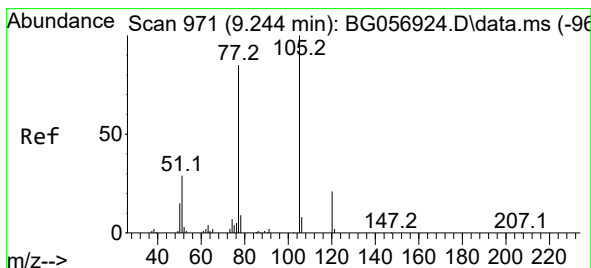
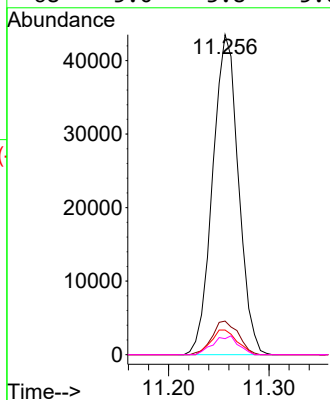
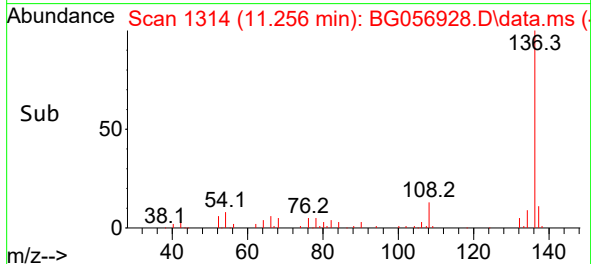
BNA_G

ClientSampleId :

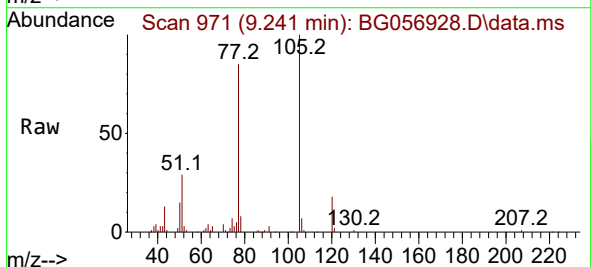
ICVBG033023



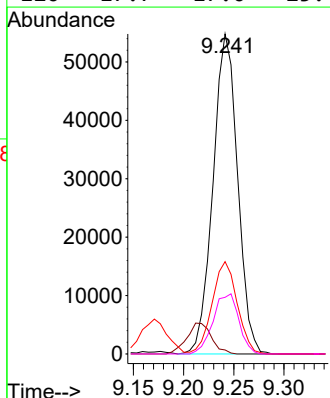
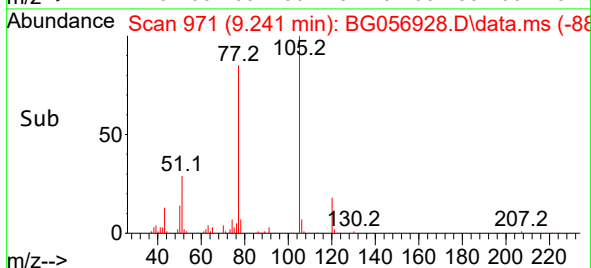
Tgt Ion:136 Resp: 77505
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.7 6.9 10.3
68 5.0 3.8 5.6

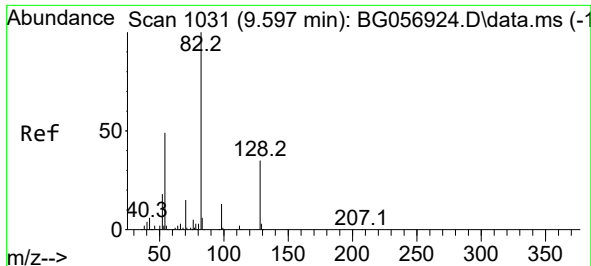


#22
Acetophenone
Concen: 40.412 ng
RT: 9.241 min Scan# 971
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27



Tgt Ion:105 Resp: 93200
Ion Ratio Lower Upper
105 100
71 1.2 0.7 1.1#
51 28.8 23.8 35.8
120 17.7 17.0 25.4

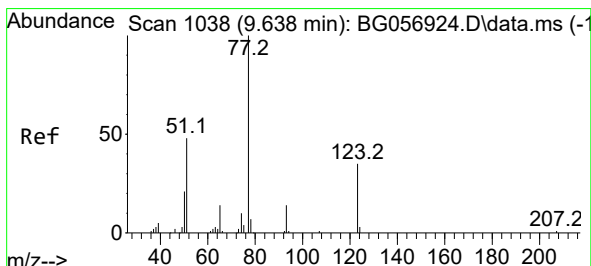
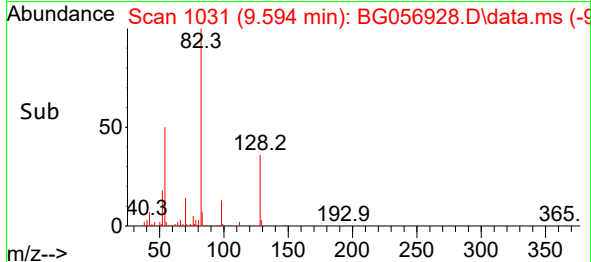
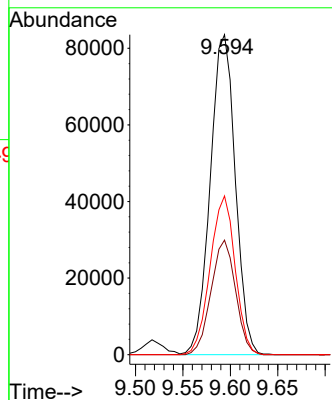
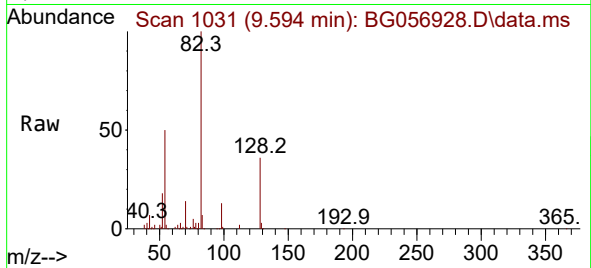




#23
Nitrobenzene-d5
Concen: 81.008 ng
RT: 9.594 min Scan# 1031
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

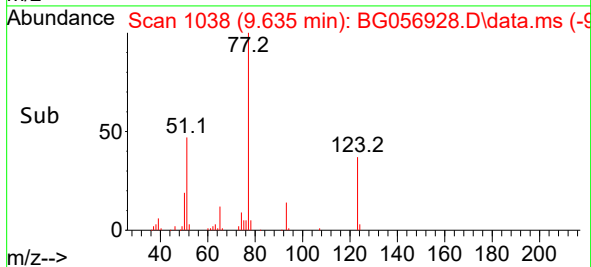
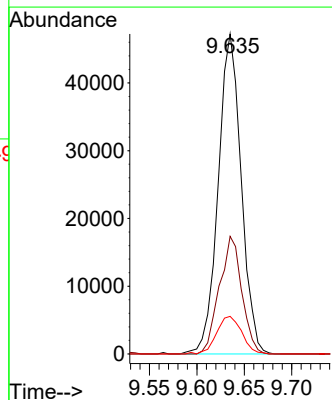
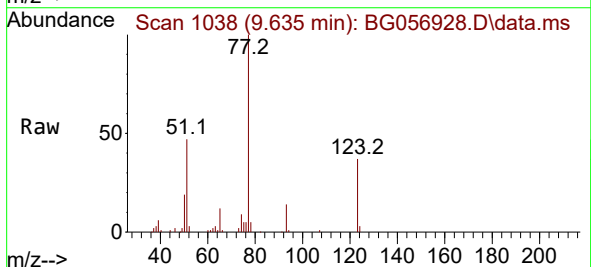
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

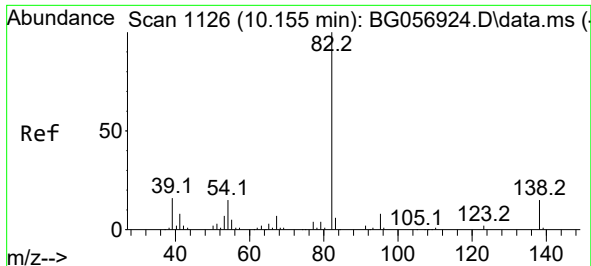
Tgt Ion: 82 Resp: 153443
Ion Ratio Lower Upper
82 100
128 35.8 27.9 41.9
54 49.6 39.4 59.2



#24
Nitrobenzene
Concen: 41.162 ng
RT: 9.635 min Scan# 1038
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion: 77 Resp: 79714
Ion Ratio Lower Upper
77 100
123 36.7 27.6 41.4
65 11.8 11.5 17.3

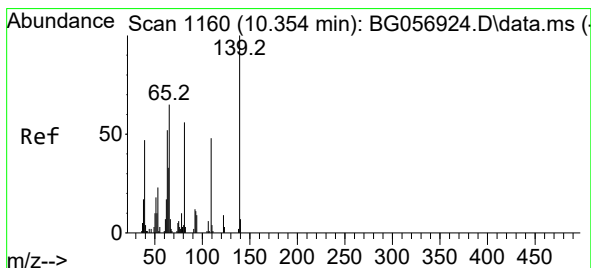
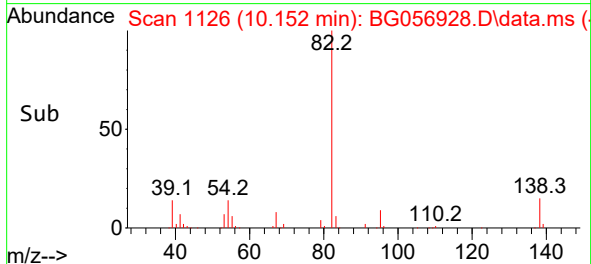
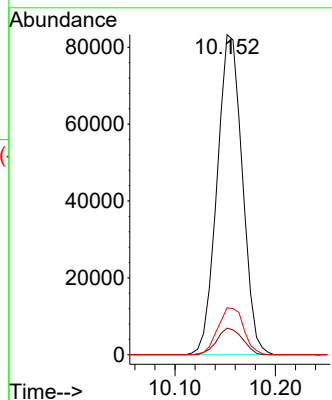
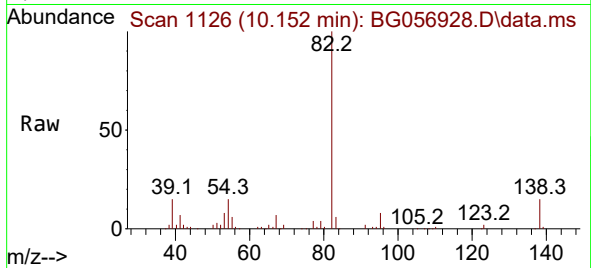




#25
Isophorone
Concen: 40.254 ng
RT: 10.152 min Scan# 1126
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

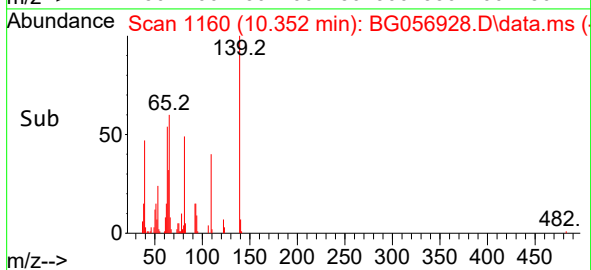
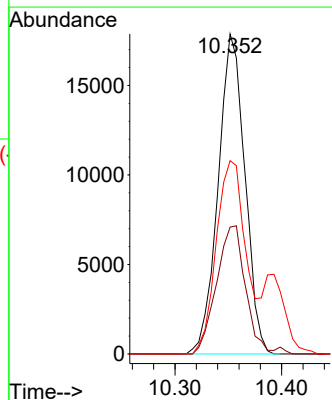
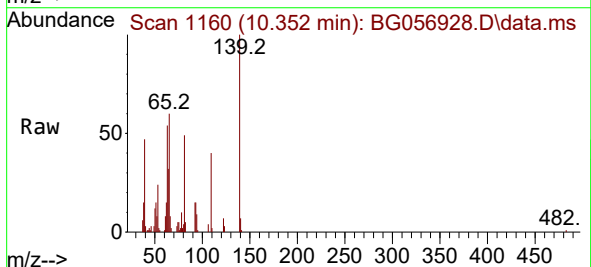
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

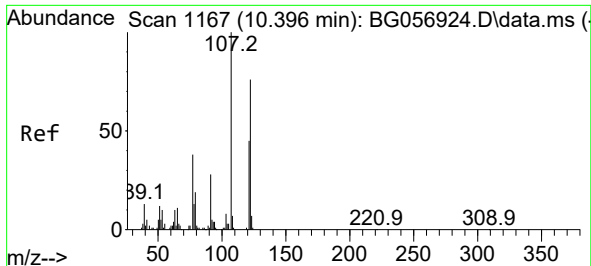
Tgt Ion: 82 Resp: 145197
Ion Ratio Lower Upper
82 100
95 8.3 6.3 9.5
138 14.7 11.8 17.8



#26
2-Nitrophenol
Concen: 41.646 ng
RT: 10.352 min Scan# 1160
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:139 Resp: 31130
Ion Ratio Lower Upper
139 100
109 39.7 38.2 57.4
65 60.4 51.8 77.8

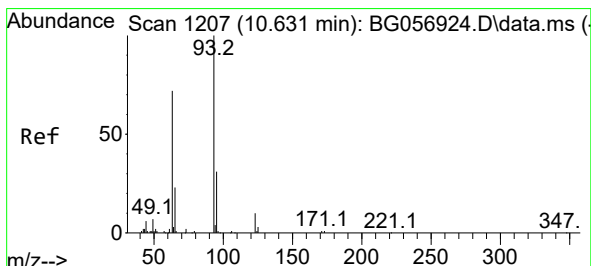
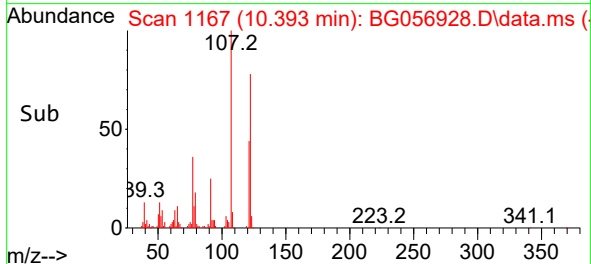
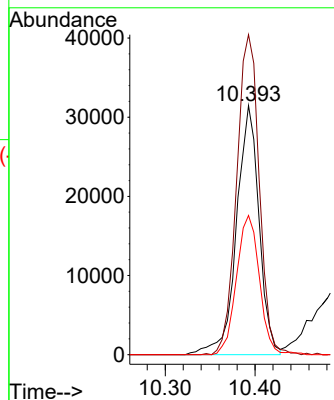
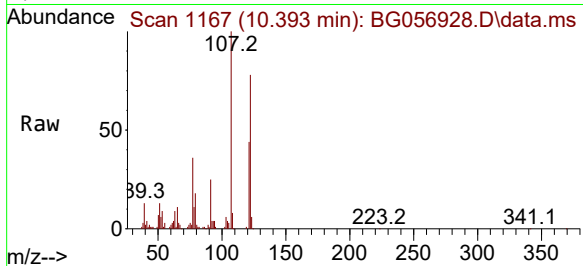




#27
2,4-Dimethylphenol
Concen: 41.467 ng
RT: 10.393 min Scan# 1167
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

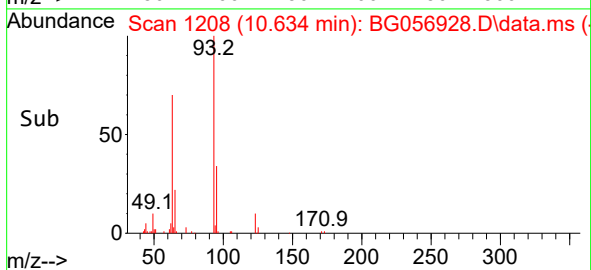
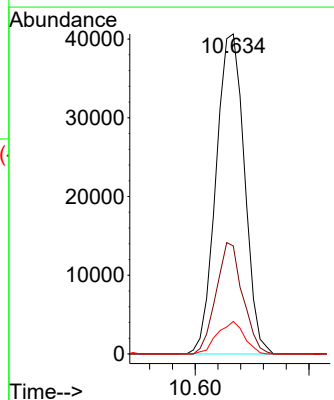
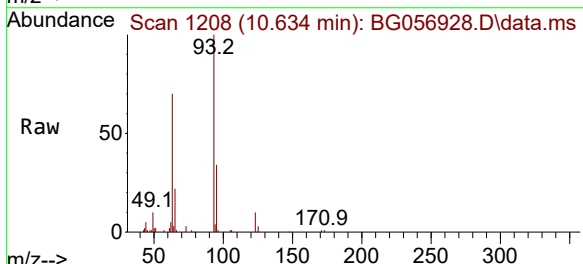
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

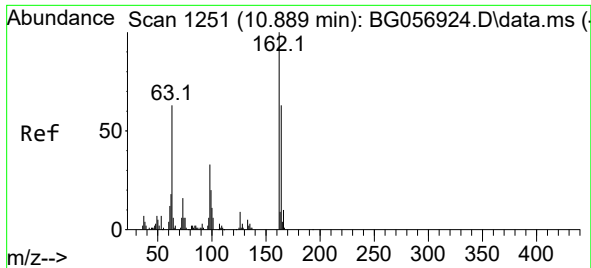
Tgt Ion:122 Resp: 54728
Ion Ratio Lower Upper
122 100
107 128.4 105.7 158.5
121 55.9 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.066 ng
RT: 10.634 min Scan# 1208
Delta R.T. 0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion: 93 Resp: 70545
Ion Ratio Lower Upper
93 100
95 33.7 24.6 37.0
123 10.1 7.8 11.6

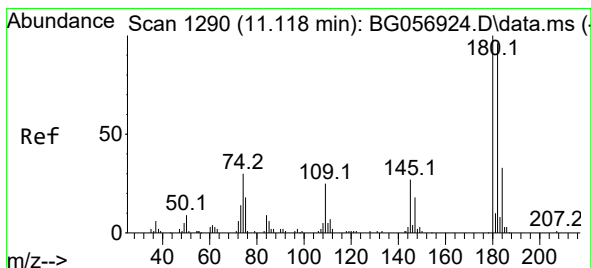
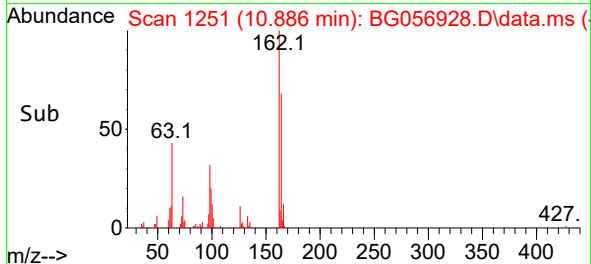
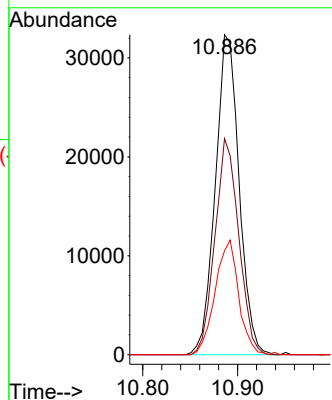
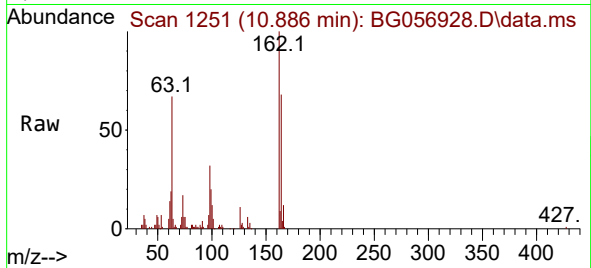




#29
2,4-Dichlorophenol
Concen: 39.812 ng
RT: 10.886 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

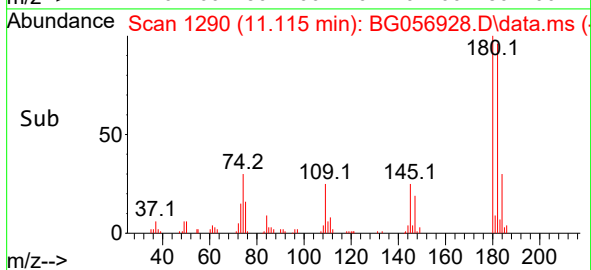
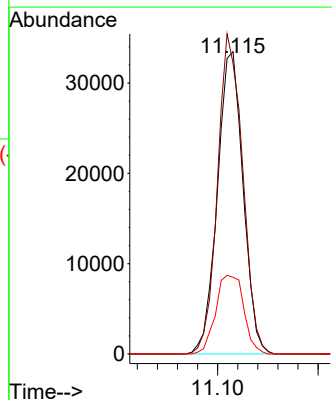
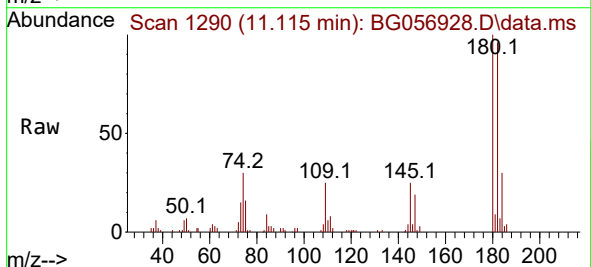
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

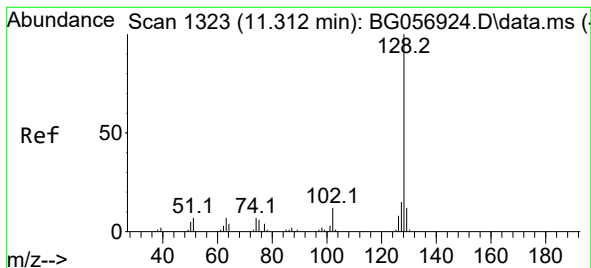
Tgt Ion:162 Resp: 56507
Ion Ratio Lower Upper
162 100
164 67.5 43.4 83.4
98 32.4 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 39.418 ng
RT: 11.115 min Scan# 1290
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:180 Resp: 59447
Ion Ratio Lower Upper
180 100
182 96.2 77.1 115.7
145 25.4 21.3 31.9





#31

Naphthalene

Concen: 40.131 ng

RT: 11.309 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

Instrument :

BNA_G

ClientSampleId :

ICVBG033023

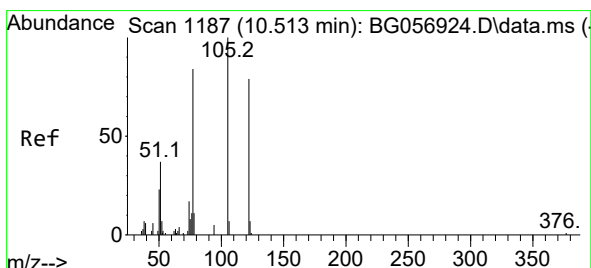
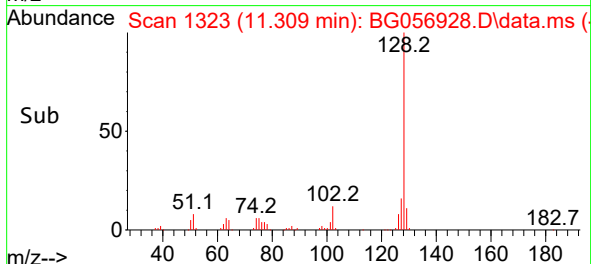
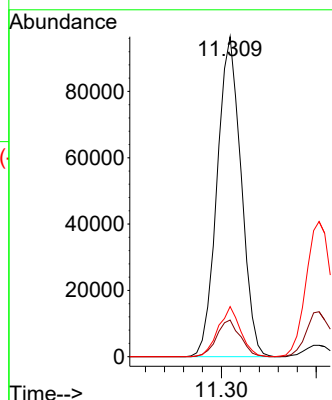
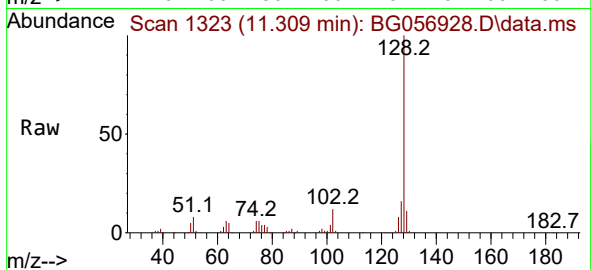
Tgt Ion:128 Resp: 169537

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

127 15.7 12.2 18.4



#32

Benzoic acid

Concen: 42.165 ng

RT: 10.504 min Scan# 1186

Delta R.T. -0.009 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

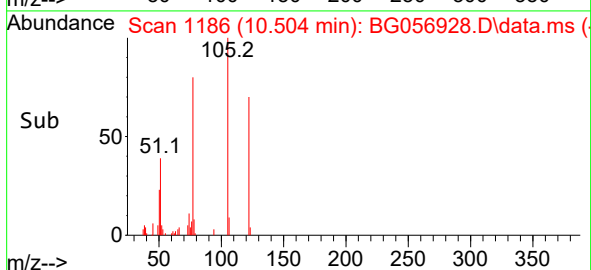
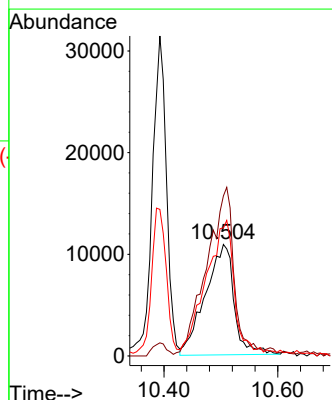
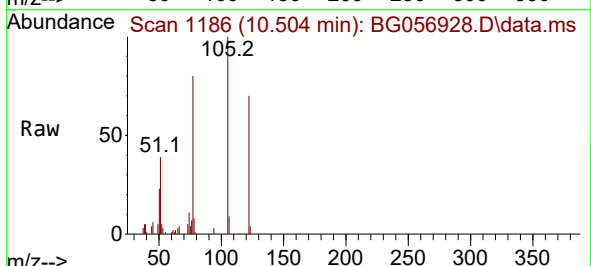
Tgt Ion:122 Resp: 38226

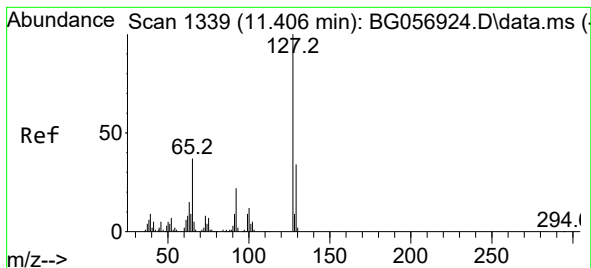
Ion Ratio Lower Upper

122 100

105 143.5 105.4 145.4

77 114.8 87.4 127.4

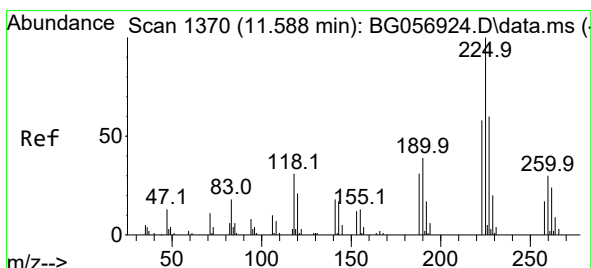
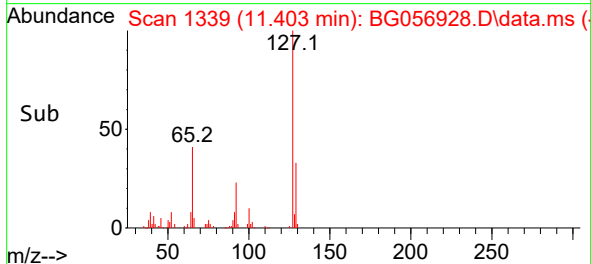
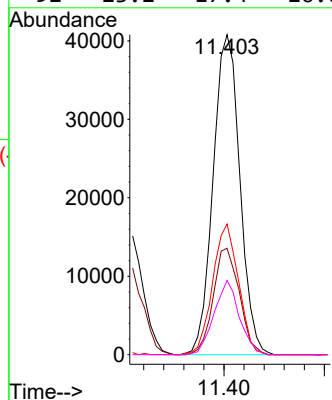
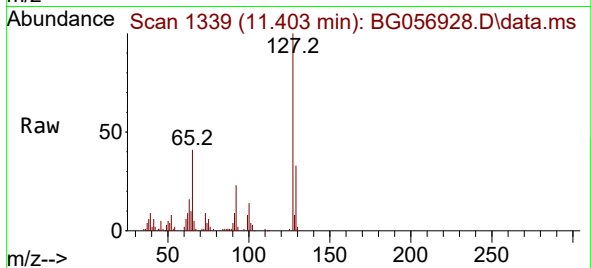




#33
4-Chloroaniline
Concen: 39.471 ng
RT: 11.403 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

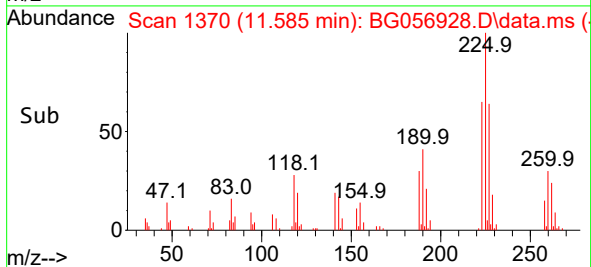
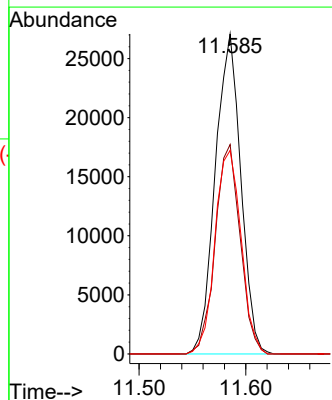
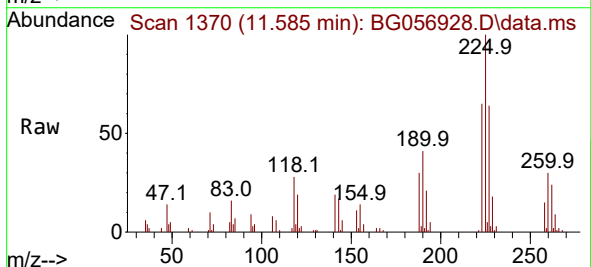
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

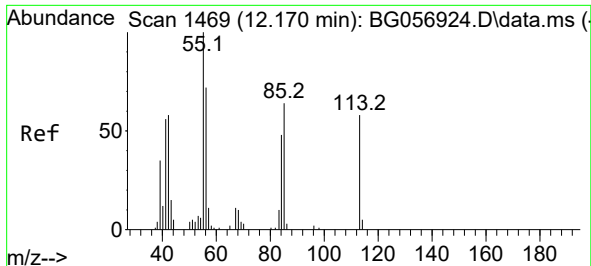
Tgt Ion:	127	Resp:	75311
Ion Ratio	Lower	Upper	
127	100		
129	33.3	27.6	41.4
65	40.8	29.8	44.8
92	23.2	17.4	26.0



#34
Hexachlorobutadiene
Concen: 39.742 ng
RT: 11.585 min Scan# 1370
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:	225	Resp:	45022
Ion Ratio	Lower	Upper	
225	100		
223	65.5	46.4	69.6
227	63.6	48.0	72.0

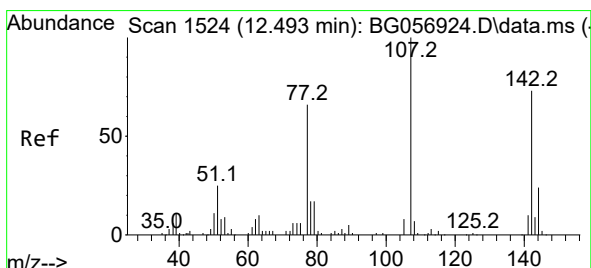
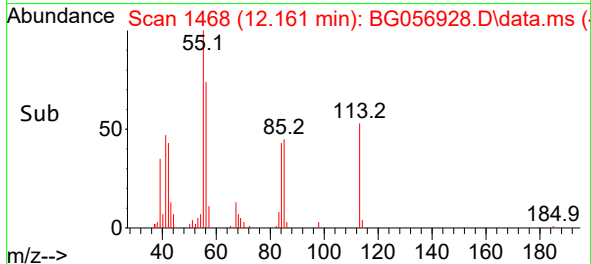
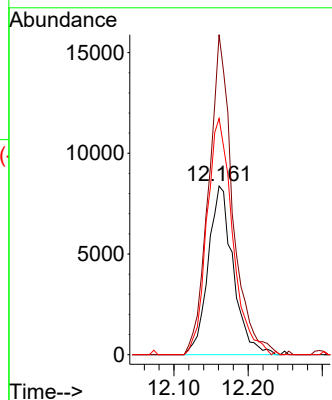
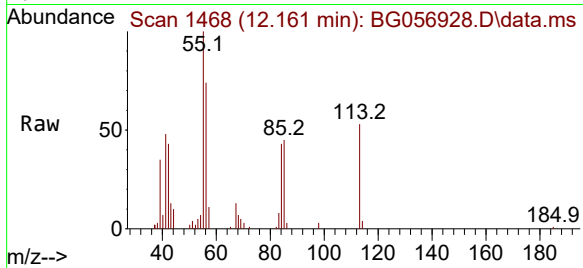




#35
 Caprolactam
 Concen: 40.109 ng
 RT: 12.161 min Scan# 1468
 Delta R.T. -0.009 min
 Lab File: BG056928.D
 Acq: 30 Mar 2023 17:27

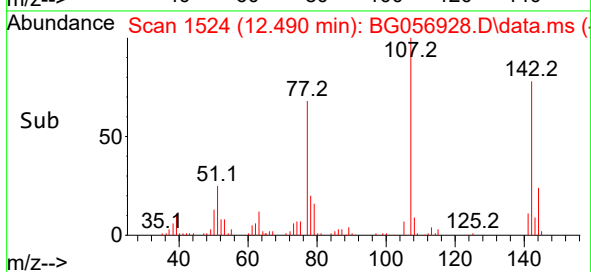
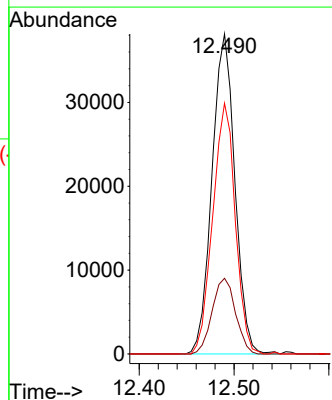
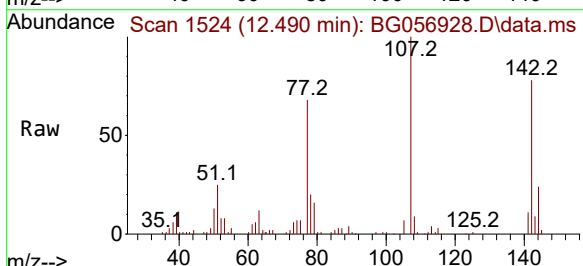
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG033023

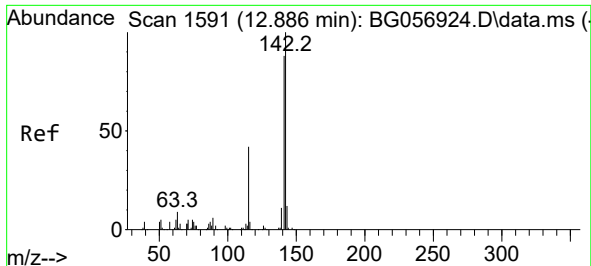
Tgt Ion:113 Resp: 19633
 Ion Ratio Lower Upper
 113 100
 55 189.7 151.6 191.6
 56 140.0 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.270 ng
 RT: 12.490 min Scan# 1524
 Delta R.T. -0.003 min
 Lab File: BG056928.D
 Acq: 30 Mar 2023 17:27

Tgt Ion:107 Resp: 63920
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.0 28.4
 142 78.4 58.6 88.0

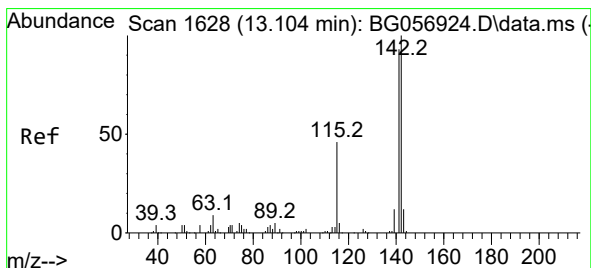
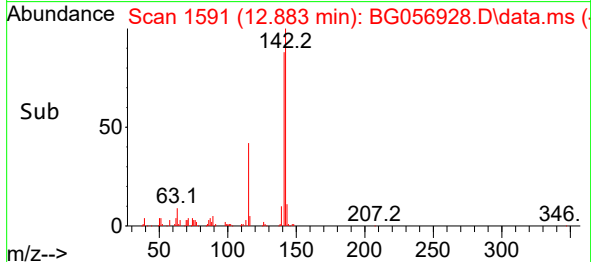
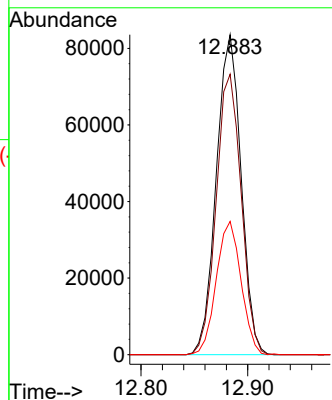
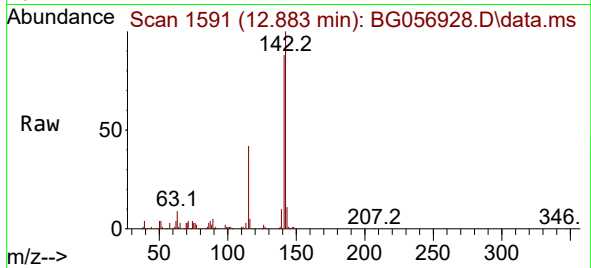




#37
2-Methylnaphthalene
Concen: 40.255 ng
RT: 12.883 min Scan# 1591
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

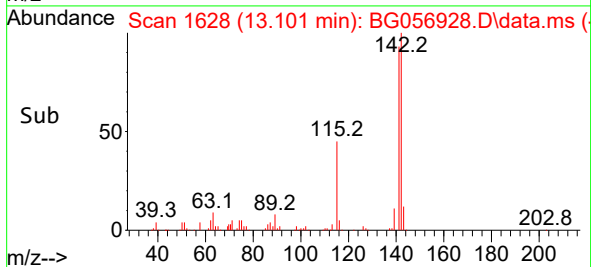
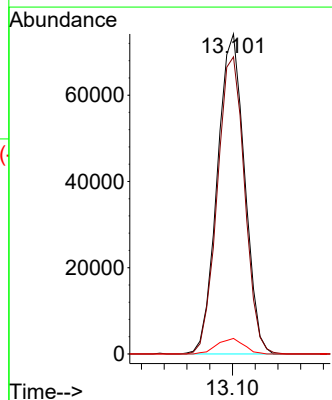
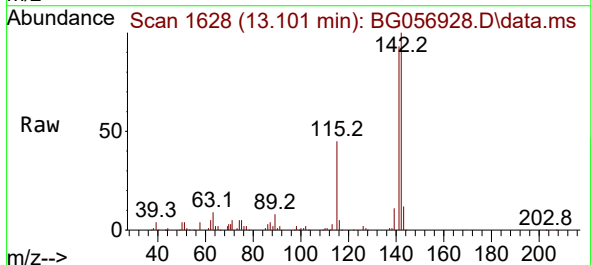
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

Tgt Ion:142 Resp: 134971
Ion Ratio Lower Upper
142 100
141 87.6 70.3 105.5
115 41.6 33.5 50.3



#38
1-Methylnaphthalene
Concen: 39.253 ng
RT: 13.101 min Scan# 1628
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:142 Resp: 123581
Ion Ratio Lower Upper
142 100
141 92.9 74.0 111.0
116 4.9 3.7 5.5

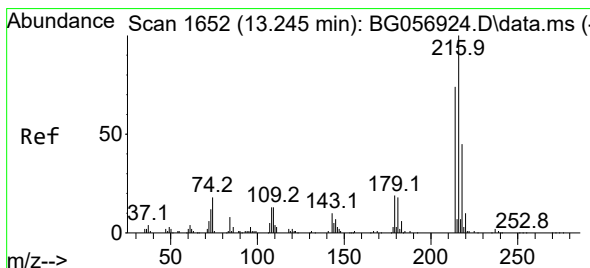
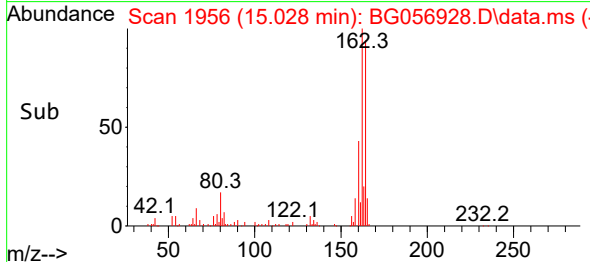
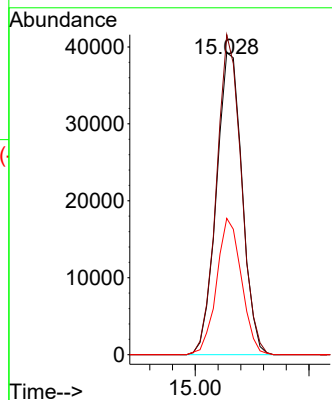
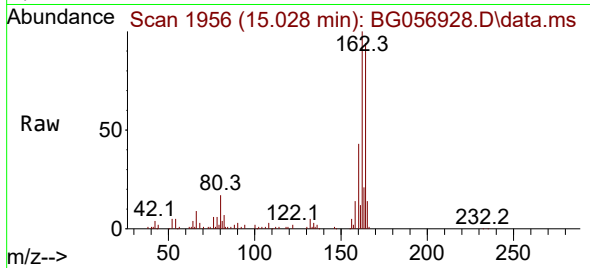




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

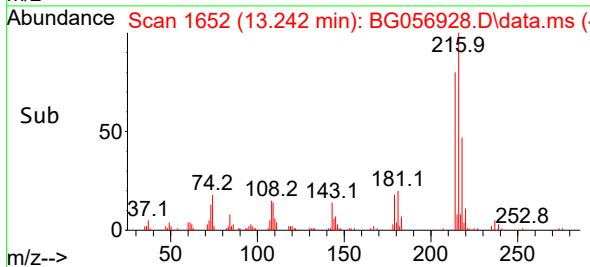
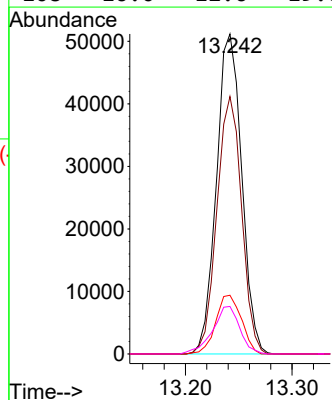
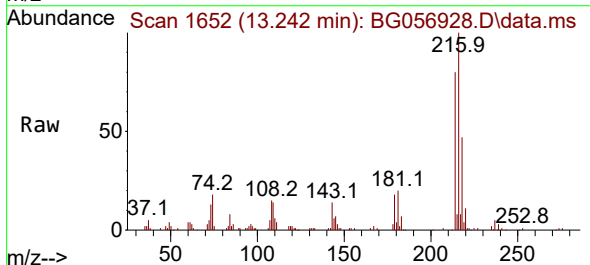
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

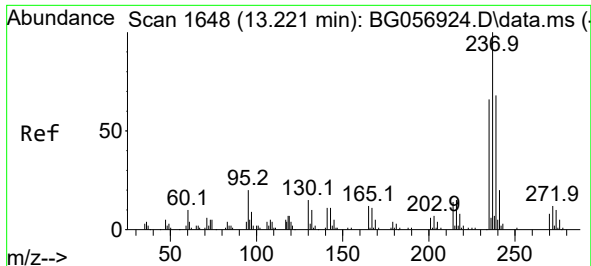
Tgt Ion:164 Resp: 61711
Ion Ratio Lower Upper
164 100
162 106.0 77.8 116.8
160 45.1 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.310 ng
RT: 13.242 min Scan# 1652
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:216 Resp: 84121
Ion Ratio Lower Upper
216 100
214 78.6 63.3 94.9
179 18.7 15.0 22.6
108 16.0 12.6 19.0

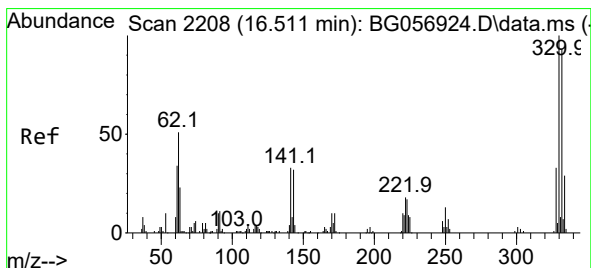
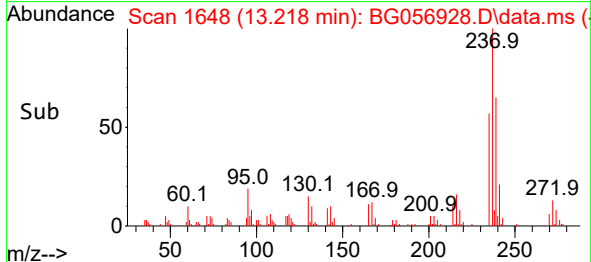
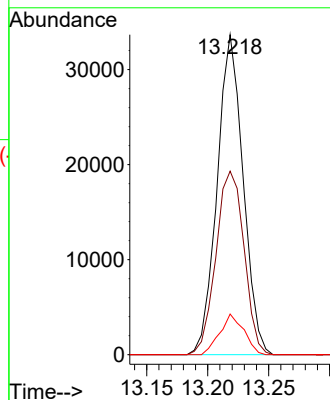
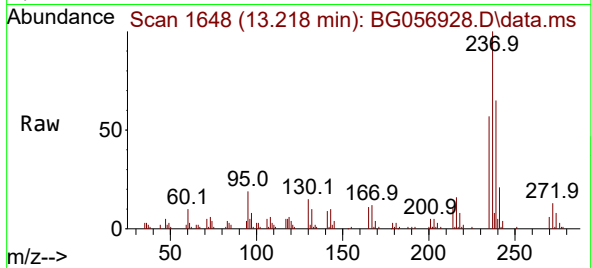




#41
Hexachlorocyclopentadiene
Concen: 42.351 ng
RT: 13.218 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

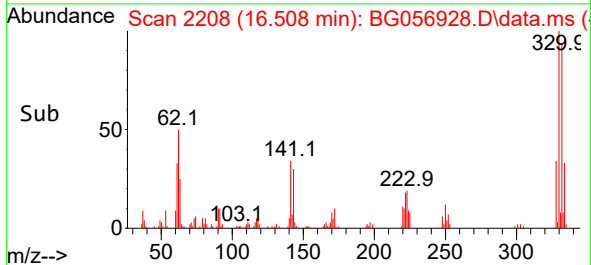
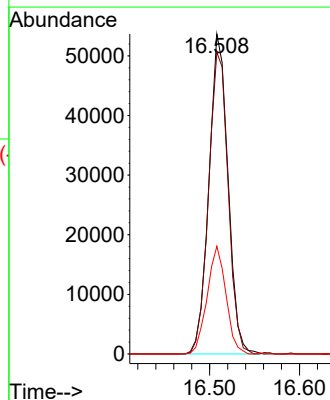
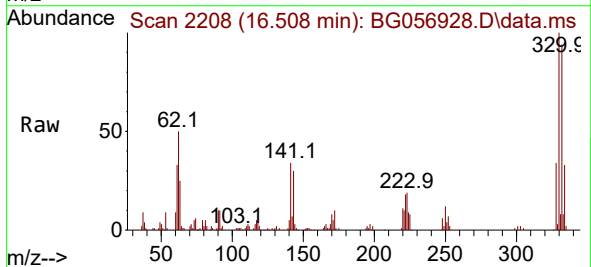
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

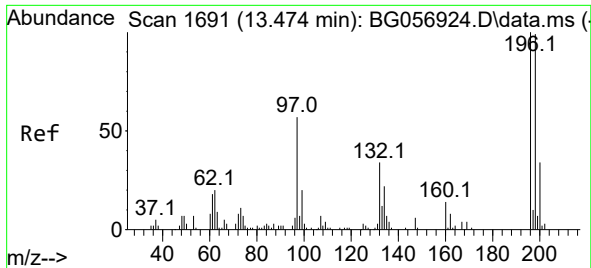
Tgt Ion:237 Resp: 49934
Ion Ratio Lower Upper
237 100
235 57.4 45.9 85.9
272 12.7 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 80.260 ng
RT: 16.508 min Scan# 2208
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:330 Resp: 79125
Ion Ratio Lower Upper
330 100
332 96.4 76.1 114.1
141 33.1 25.8 38.6

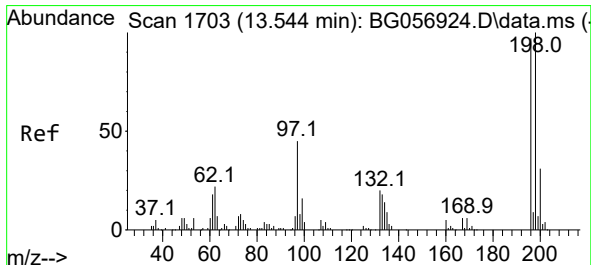
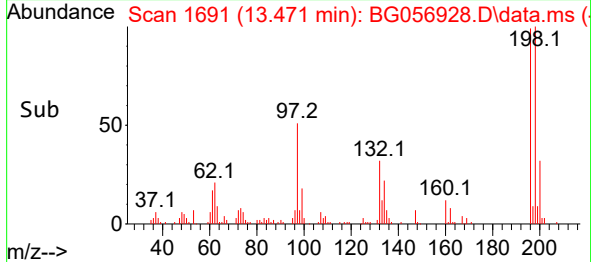
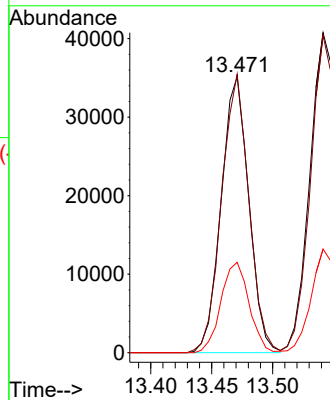
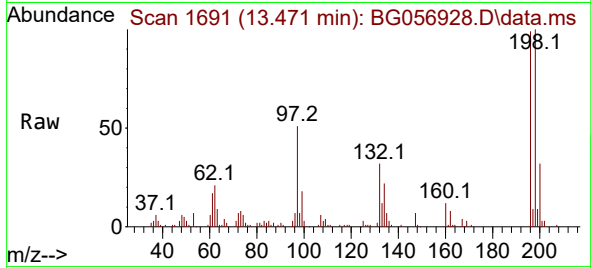




#43
2,4,6-Trichlorophenol
Concen: 40.555 ng
RT: 13.471 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

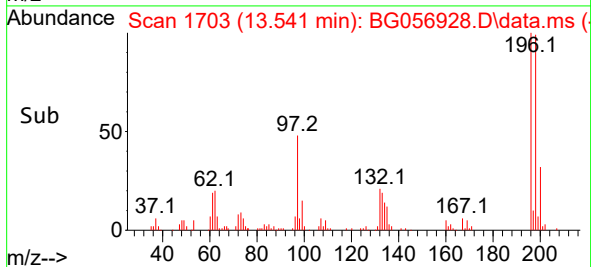
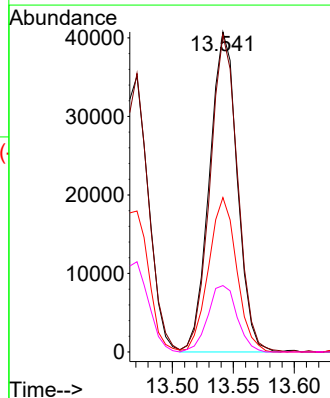
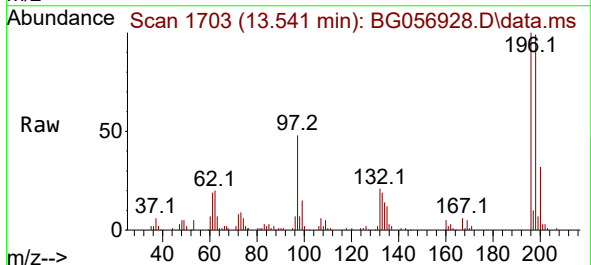
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

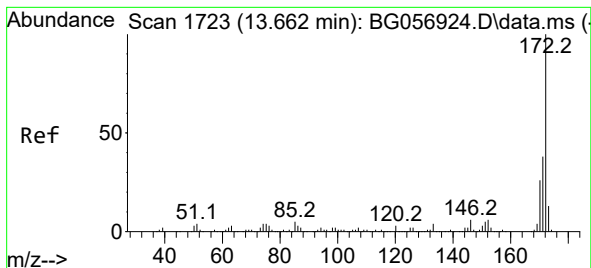
Tgt Ion:196 Resp: 55381
Ion Ratio Lower Upper
196 100
198 100.9 79.1 118.7
200 32.8 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 39.960 ng
RT: 13.541 min Scan# 1703
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:196 Resp: 64645
Ion Ratio Lower Upper
196 100
198 99.2 82.5 123.7
97 48.3 37.0 55.6
132 20.7 17.1 25.7

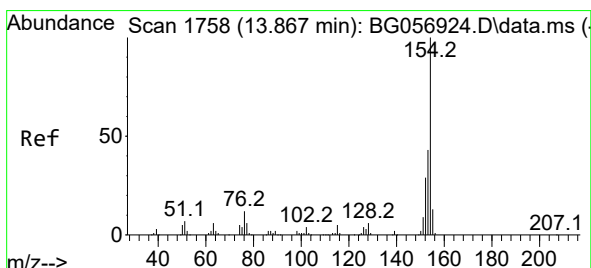
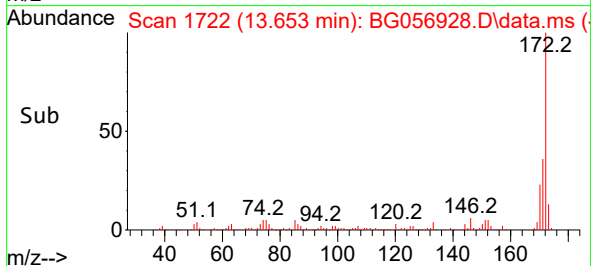
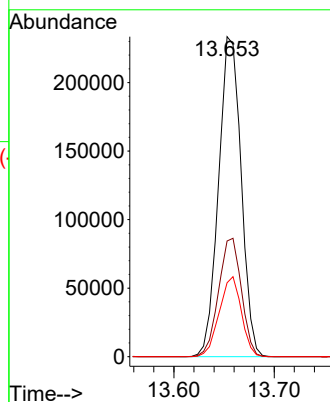
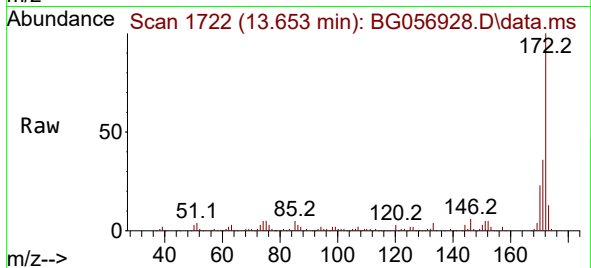




#45
2-Fluorobiphenyl
Concen: 79.954 ng
RT: 13.653 min Scan# 1722
Delta R.T. -0.009 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

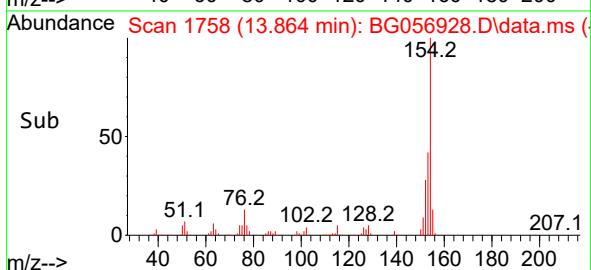
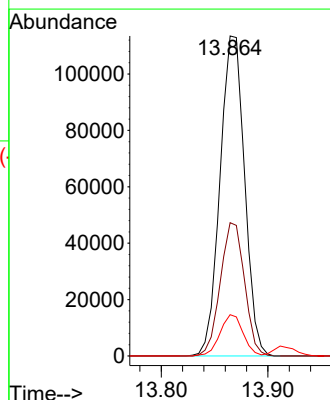
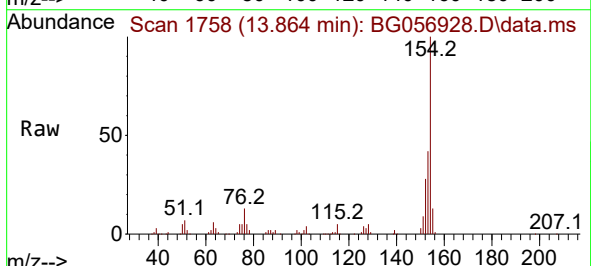
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

Tgt Ion:172 Resp: 363863
Ion Ratio Lower Upper
172 100
171 36.1 30.6 46.0
170 23.1 20.6 30.8



#46
1,1'-Biphenyl
Concen: 40.158 ng
RT: 13.864 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:154 Resp: 181412
Ion Ratio Lower Upper
154 100
153 41.6 23.4 63.4
76 12.9 0.0 31.6

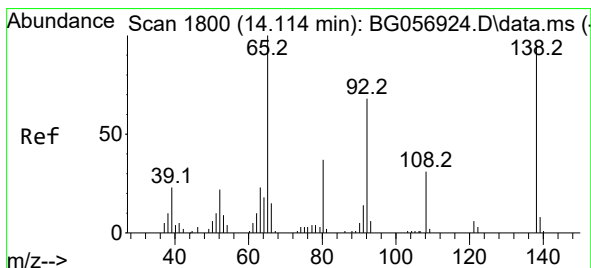
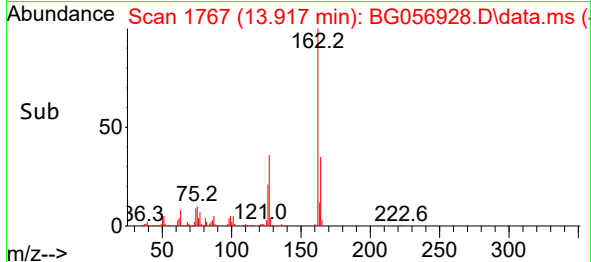
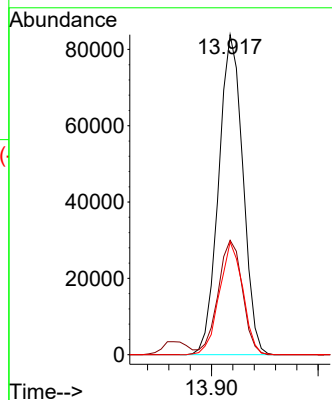
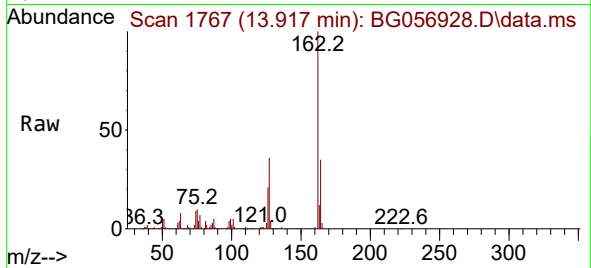




#47
2-Chloronaphthalene
Concen: 39.616 ng
RT: 13.917 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

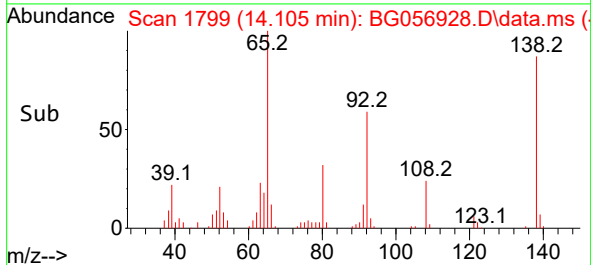
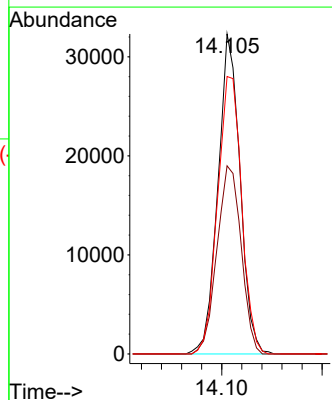
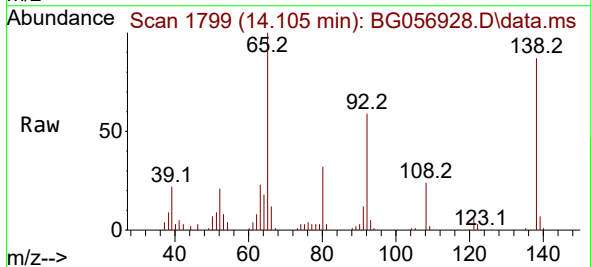
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

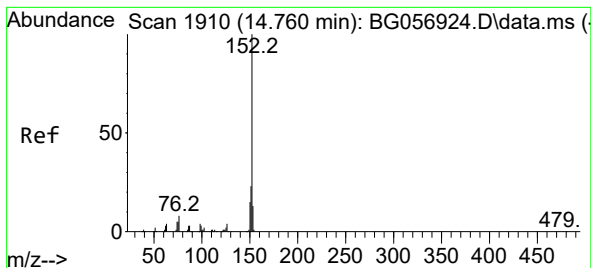
Tgt Ion:162 Resp: 132361
Ion Ratio Lower Upper
162 100
127 35.8 29.5 44.3
164 35.2 25.5 38.3



#48
2-Nitroaniline
Concen: 41.223 ng
RT: 14.105 min Scan# 1799
Delta R.T. -0.009 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion: 65 Resp: 49248
Ion Ratio Lower Upper
65 100
92 58.8 54.3 81.5
138 86.7 76.0 114.0





#49

Acenaphthylene

Concen: 40.389 ng

RT: 14.757 min Scan# 1910

Delta R.T. -0.003 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

Instrument :

BNA_G

ClientSampleId :

ICVBG033023

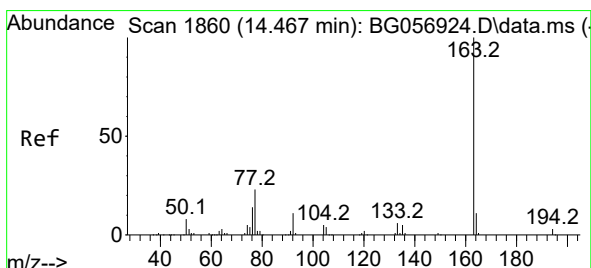
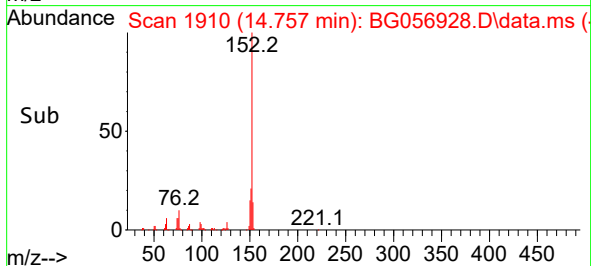
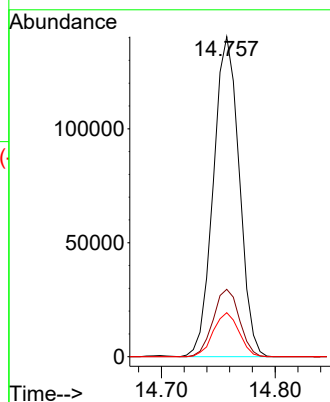
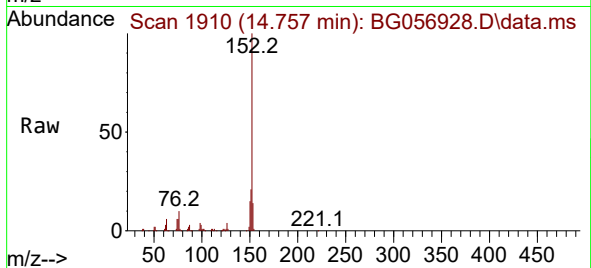
Tgt Ion:152 Resp: 221711

Ion Ratio Lower Upper

152 100

151 21.1 18.2 27.2

153 13.7 10.5 15.7



#50

Dimethylphthalate

Concen: 40.237 ng

RT: 14.464 min Scan# 1860

Delta R.T. -0.003 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

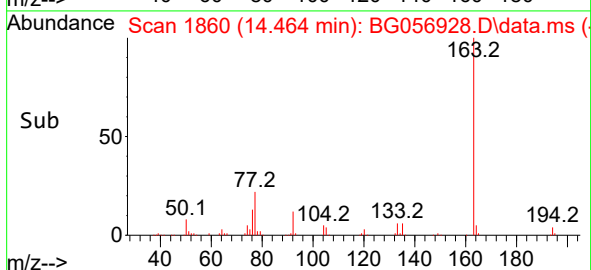
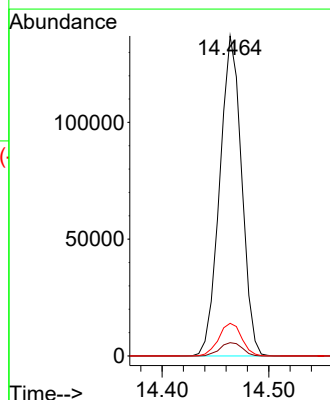
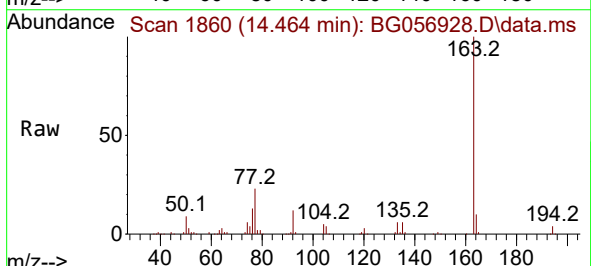
Tgt Ion:163 Resp: 195647

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

164 10.2 8.8 13.2

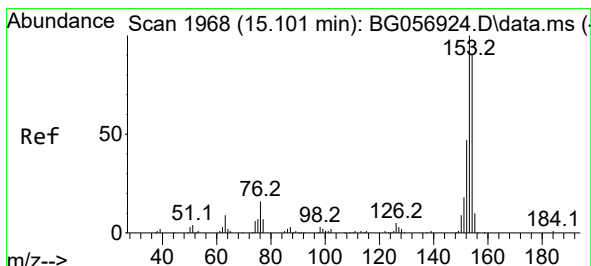
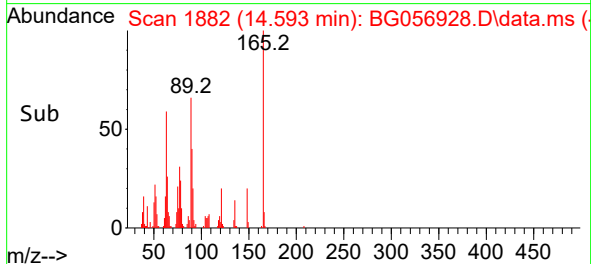
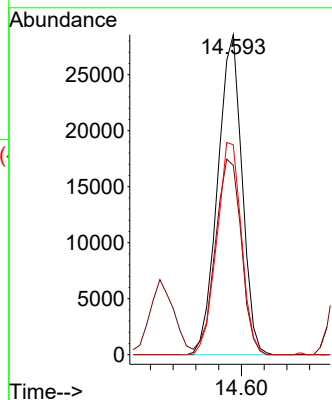
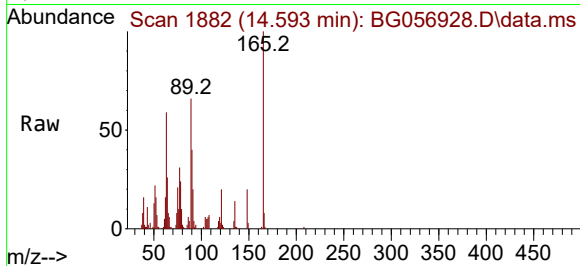




#51
2,6-Dinitrotoluene
Concen: 40.445 ng
RT: 14.593 min Scan# 1881
Delta R.T. 0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

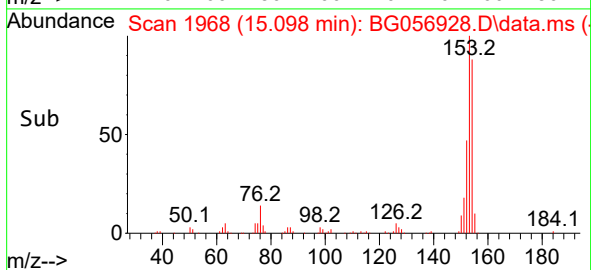
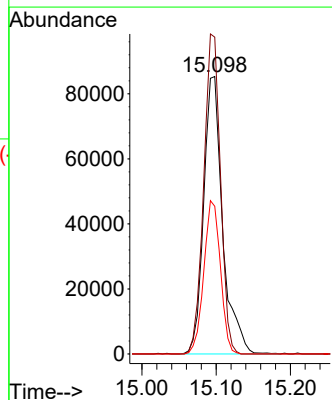
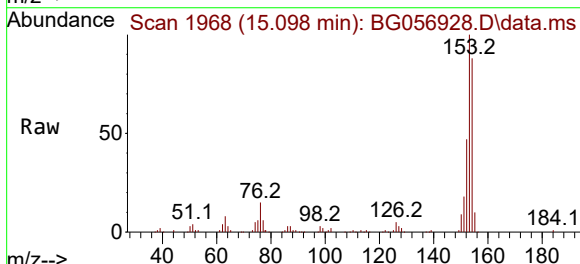
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

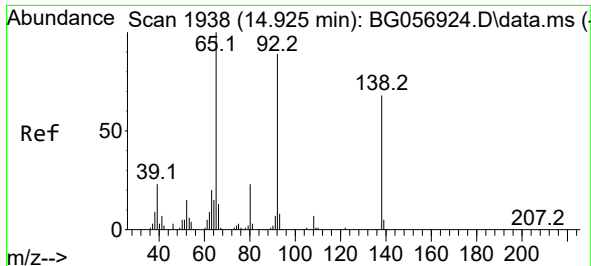
Tgt Ion:165 Resp: 42490
Ion Ratio Lower Upper
165 100
63 59.2 53.0 79.6
89 65.6 51.0 76.4



#52
Acenaphthene
Concen: 40.093 ng
RT: 15.098 min Scan# 1968
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:154 Resp: 151788
Ion Ratio Lower Upper
154 100
153 114.2 88.9 133.3
152 53.2 41.8 62.8

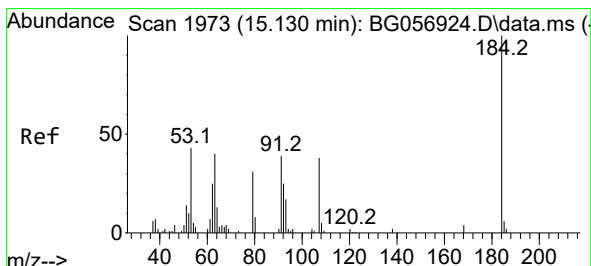
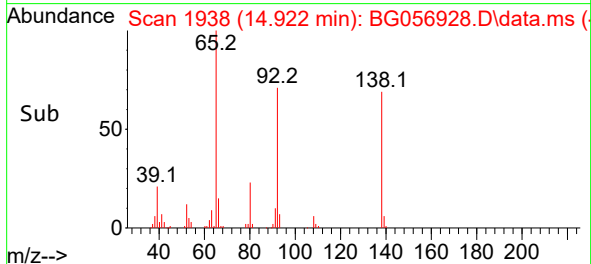
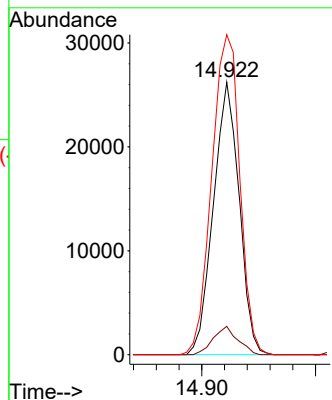
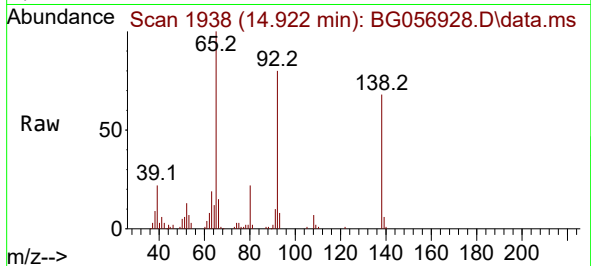




#53
3-Nitroaniline
Concen: 39.627 ng
RT: 14.922 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

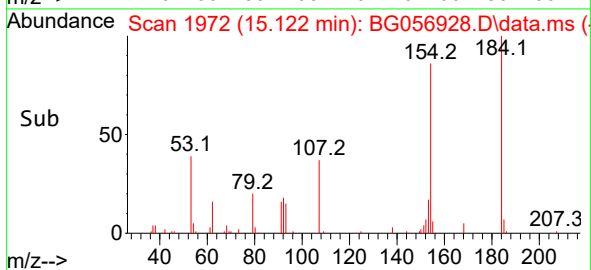
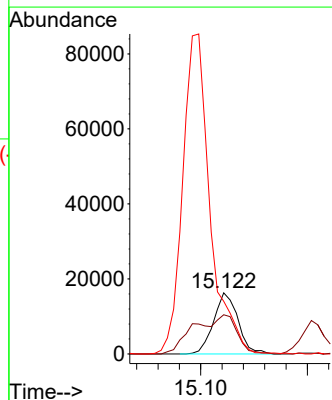
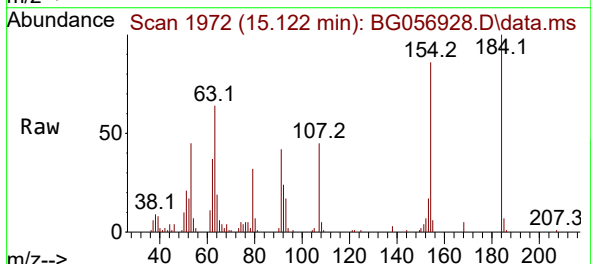
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

Tgt Ion:138 Resp: 41207
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.2
92 117.4 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 43.563 ng
RT: 15.122 min Scan# 1972
Delta R.T. -0.009 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:184 Resp: 25760
Ion Ratio Lower Upper
184 100
63 64.2 46.5 69.7
154 86.3 53.5 80.3#

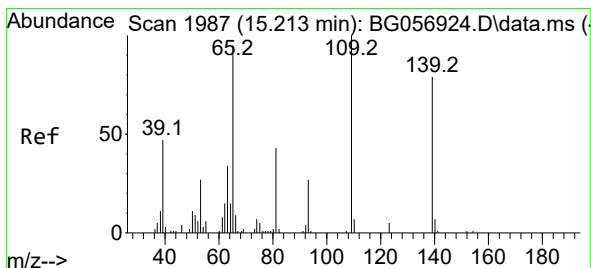
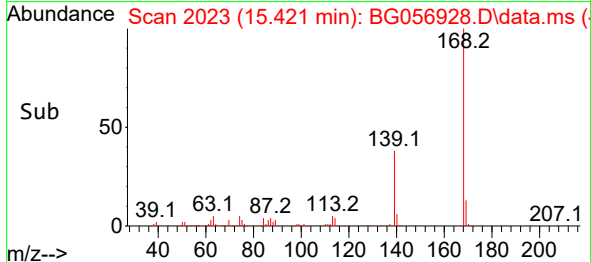
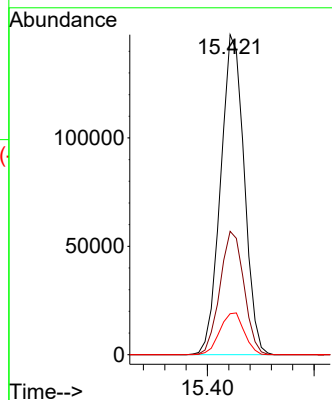
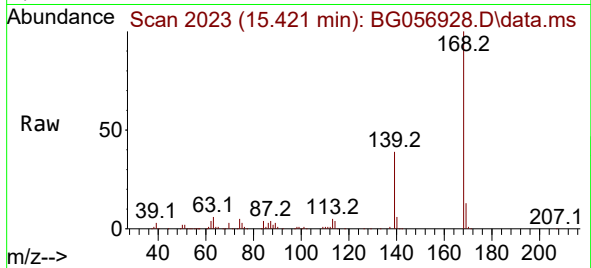




#55
Dibenzofuran
Concen: 39.848 ng
RT: 15.421 min Scan# 20
Delta R.T. -0.009 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

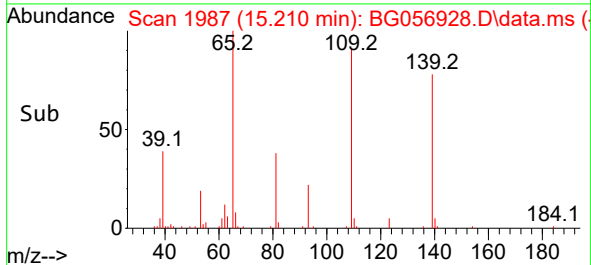
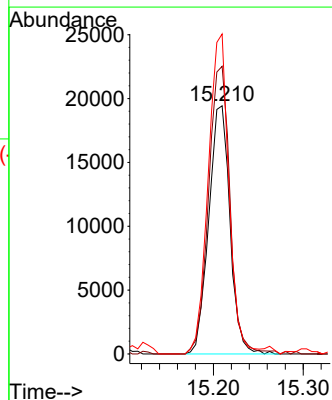
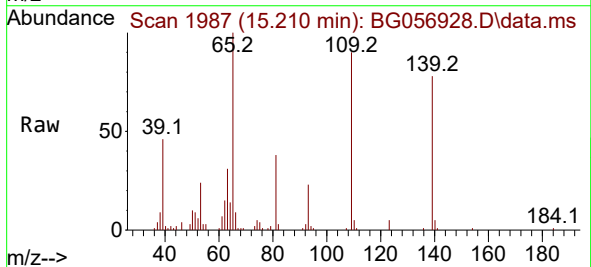
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

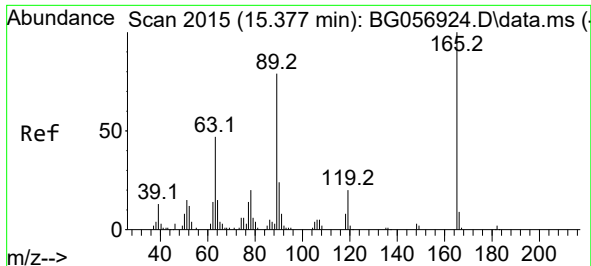
Tgt Ion:168 Resp: 226428
Ion Ratio Lower Upper
168 100
139 38.5 28.9 43.3
169 12.8 9.8 14.6



#56
4-Nitrophenol
Concen: 41.419 ng
RT: 15.210 min Scan# 1987
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:139 Resp: 31849
Ion Ratio Lower Upper
139 100
109 115.9 106.7 146.7
65 128.9 100.5 140.5





#57

2,4-Dinitrotoluene

Concen: 40.541 ng

RT: 15.374 min Scan# 20

Delta R.T. -0.003 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

Instrument :

BNA_G

ClientSampleId :

ICVBG033023

Tgt Ion:165 Resp: 60070

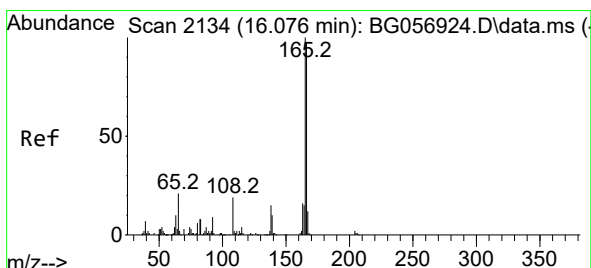
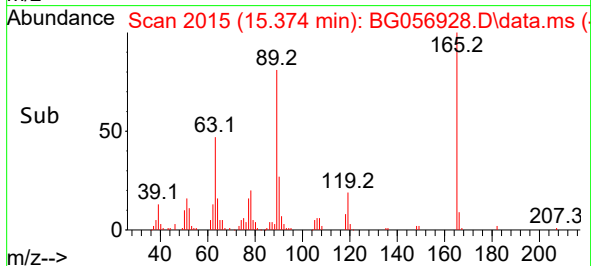
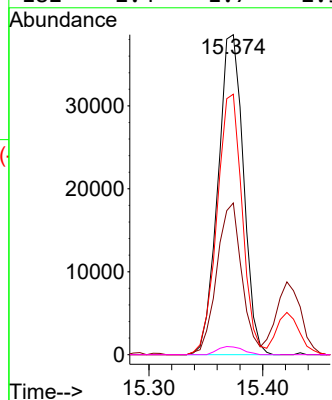
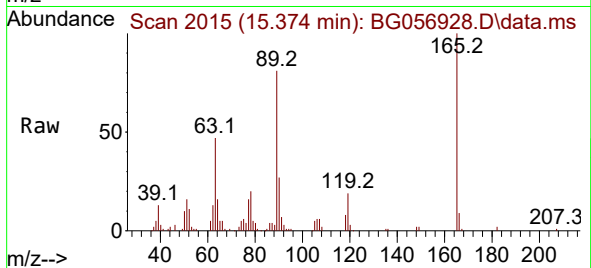
Ion Ratio Lower Upper

165 100

63 47.4 37.7 56.5

89 81.4 63.2 94.8

182 2.4 1.7 2.5



#58

Fluorene

Concen: 39.972 ng

RT: 16.067 min Scan# 2133

Delta R.T. -0.009 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

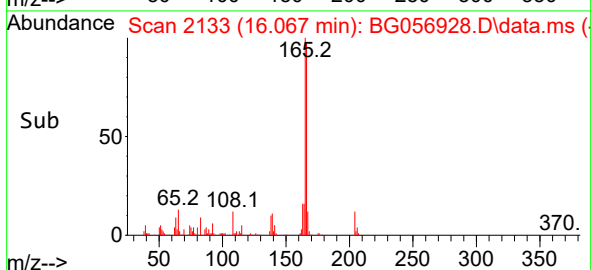
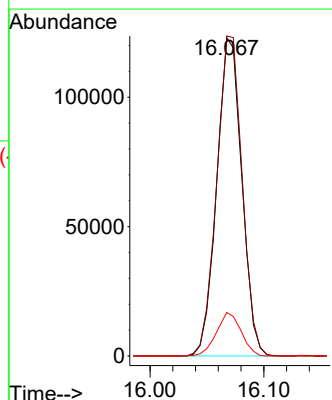
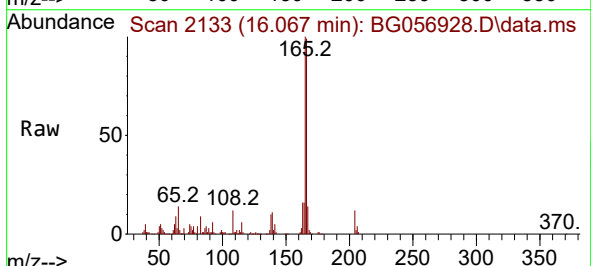
Tgt Ion:166 Resp: 187949

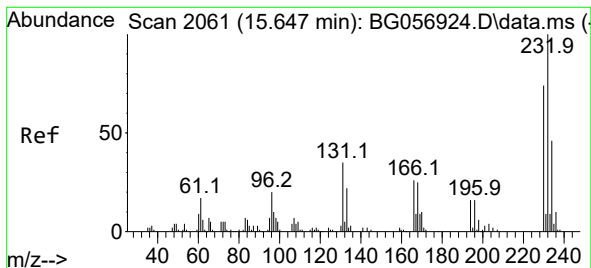
Ion Ratio Lower Upper

166 100

165 100.5 82.6 123.8

167 13.7 10.2 15.2

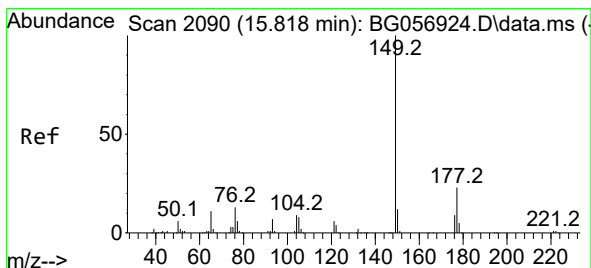
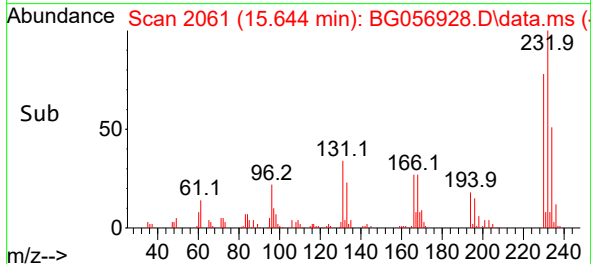
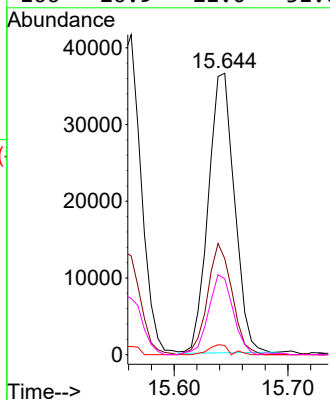
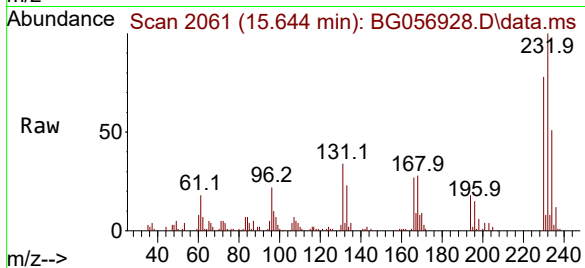




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.511 ng
RT: 15.644 min Scan# 2061
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

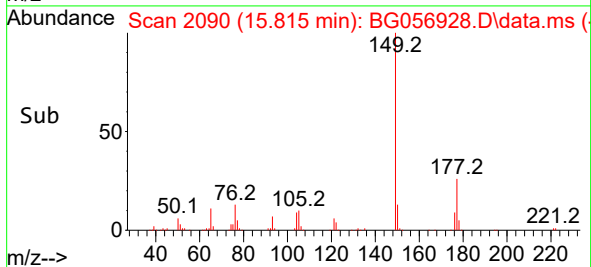
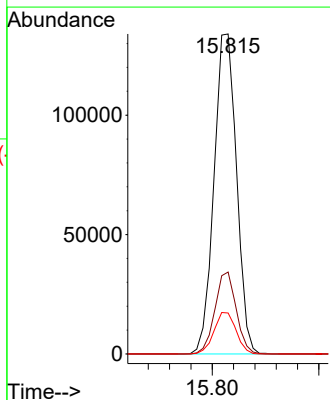
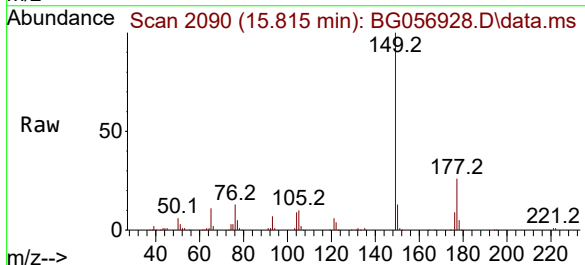
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

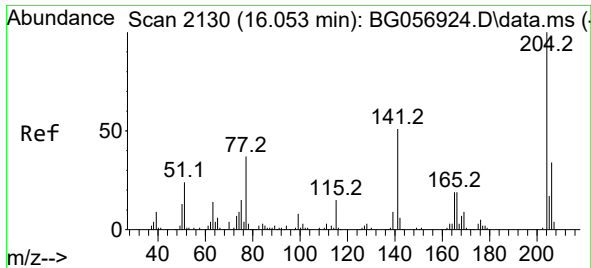
Tgt Ion:232 Resp: 58199
Ion Ratio Lower Upper
232 100
131 37.2 29.3 43.9
130 2.8 1.7 2.5#
166 26.9 21.0 31.6



#60
Diethylphthalate
Concen: 40.257 ng
RT: 15.815 min Scan# 2090
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:149 Resp: 196232
Ion Ratio Lower Upper
149 100
177 25.6 18.8 28.2
150 12.8 9.4 14.2

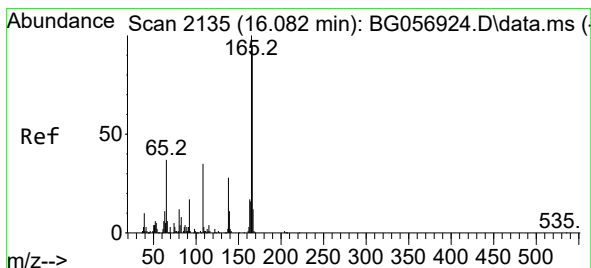
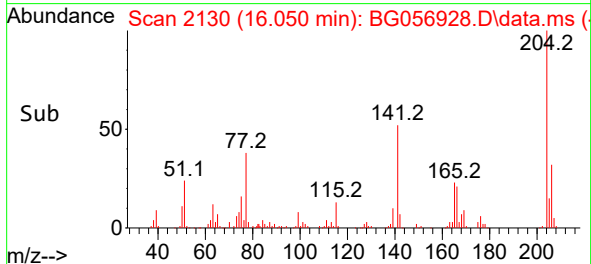
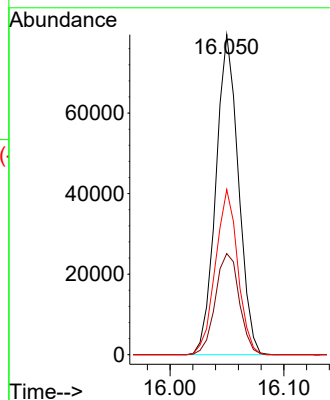
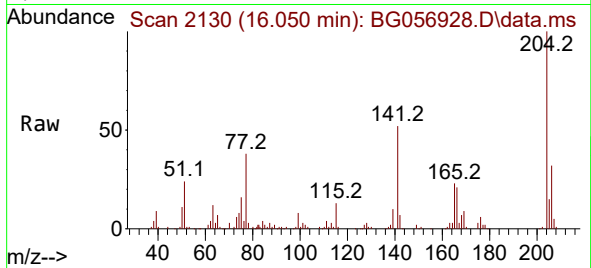




#61
4-Chlorophenyl-phenylether
Concen: 39.588 ng
RT: 16.050 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

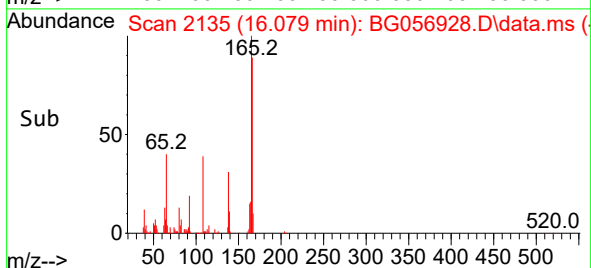
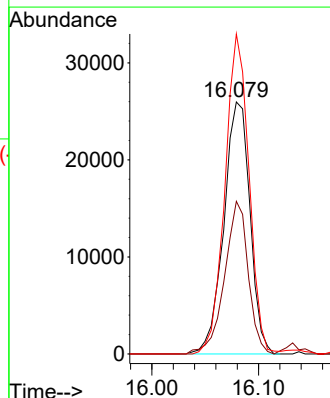
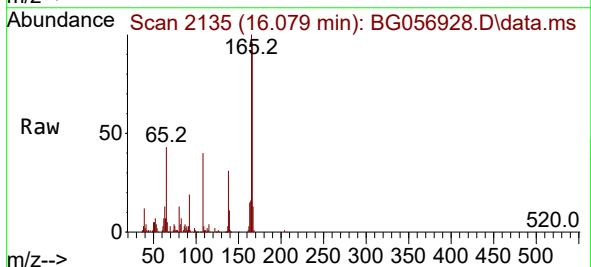
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

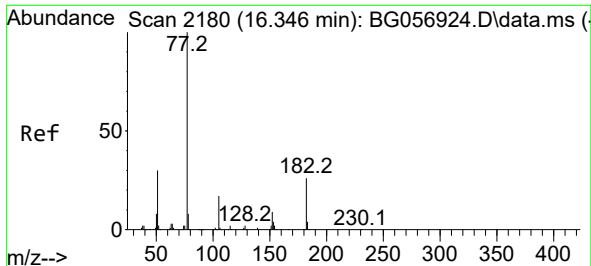
Tgt Ion:204 Resp: 109290
Ion Ratio Lower Upper
204 100
206 31.6 27.2 40.8
141 51.6 40.7 61.1



#62
4-Nitroaniline
Concen: 41.026 ng
RT: 16.079 min Scan# 2135
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:138 Resp: 44201
Ion Ratio Lower Upper
138 100
92 60.6 40.9 80.9
108 126.9 104.3 144.3

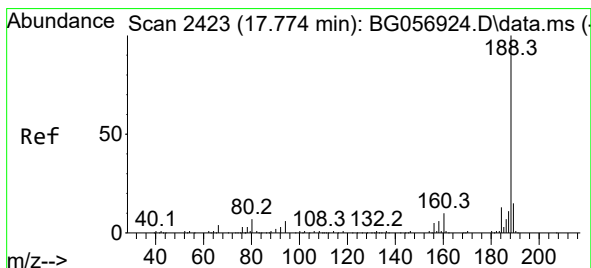
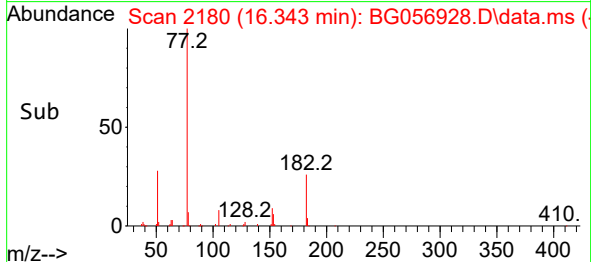
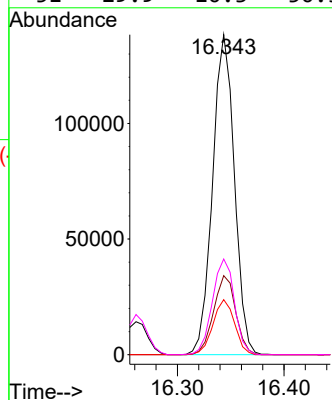
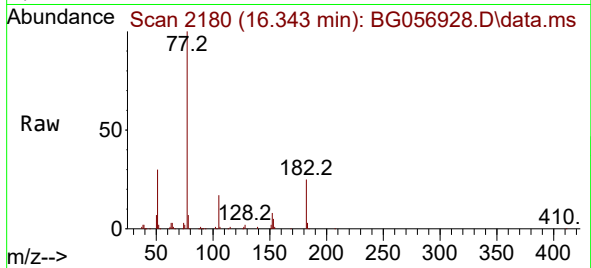




#63
Azobenzene
Concen: 40.424 ng
RT: 16.343 min Scan# 2180
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

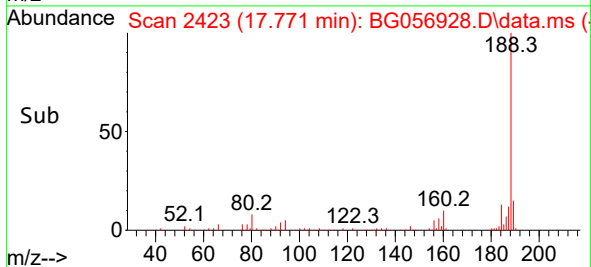
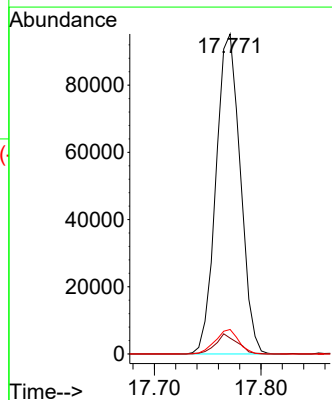
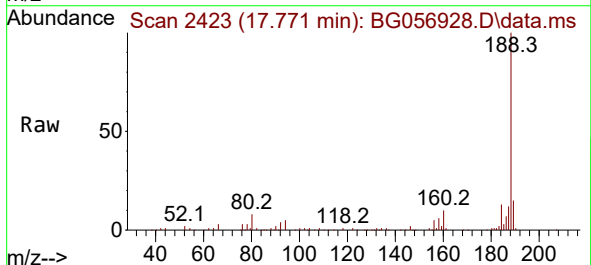
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

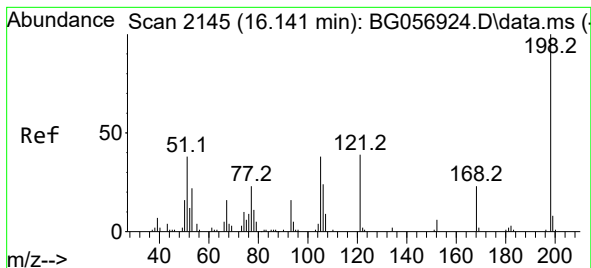
Tgt Ion: 77	Resp: 196376
Ion Ratio	Lower Upper
77 100	
182 24.7	5.9 45.9
105 17.2	0.0 36.8
51 29.9	10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.771 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion: 188	Resp: 150411
Ion Ratio	Lower Upper
188 100	
94 5.0	4.6 6.8
80 7.7	5.5 8.3

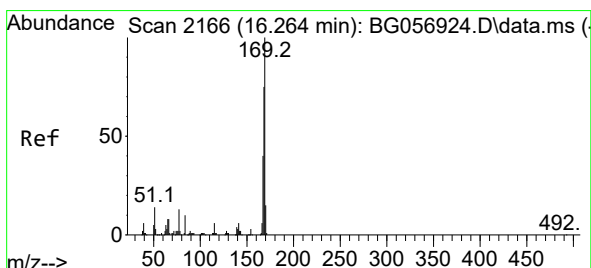
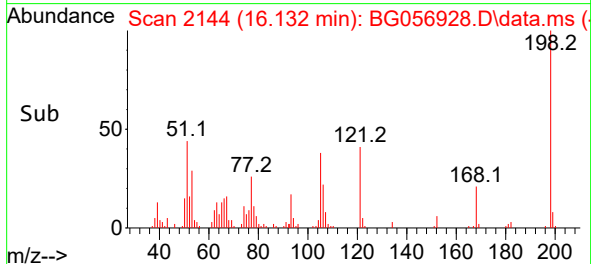
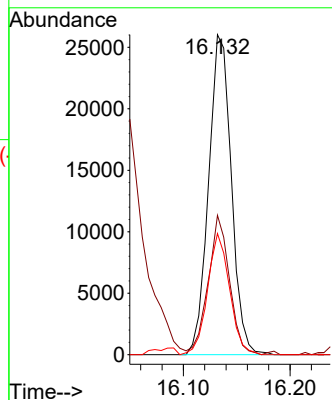
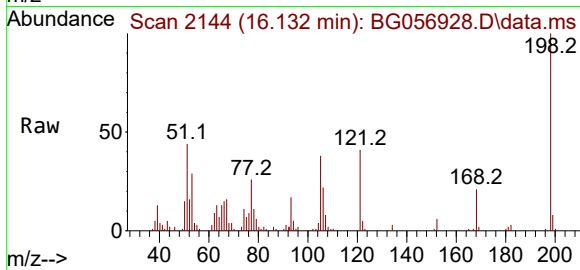




#65
4,6-Dinitro-2-methylphenol
Concen: 42.270 ng
RT: 16.132 min Scan# 2145
Delta R.T. -0.009 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

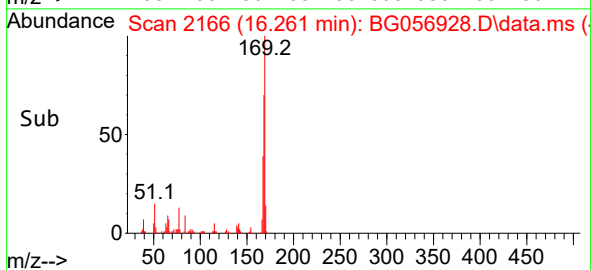
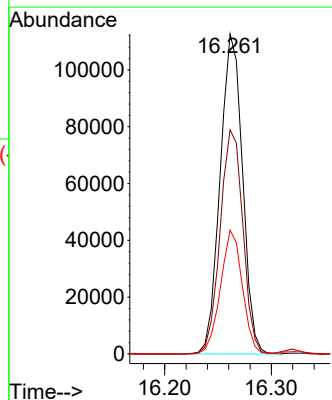
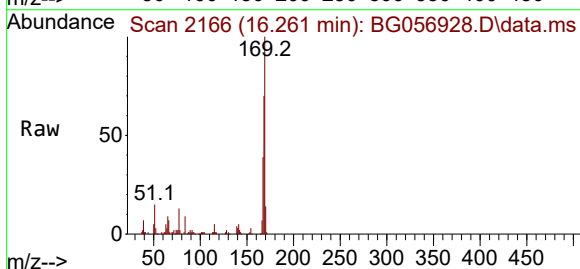
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

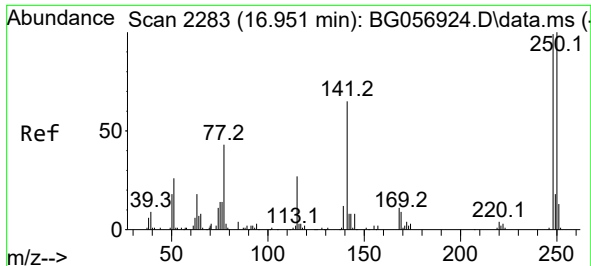
Tgt Ion:198 Resp: 38506
Ion Ratio Lower Upper
198 100
51 43.5 20.5 60.5
105 37.9 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 40.609 ng
RT: 16.261 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:169 Resp: 163968
Ion Ratio Lower Upper
169 100
168 70.1 59.6 89.4
167 38.7 31.8 47.8

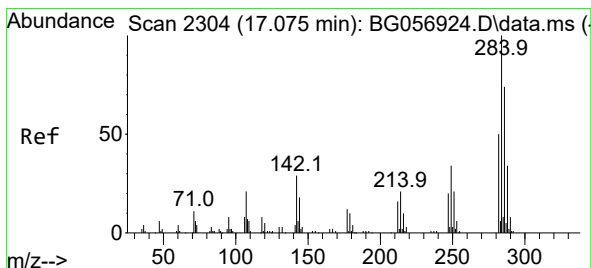
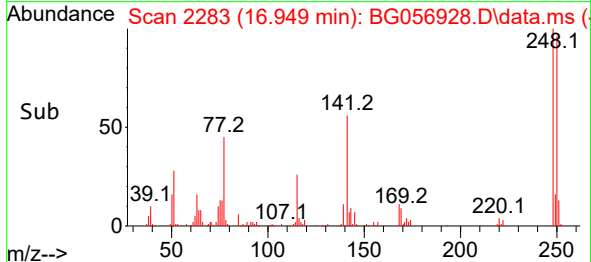
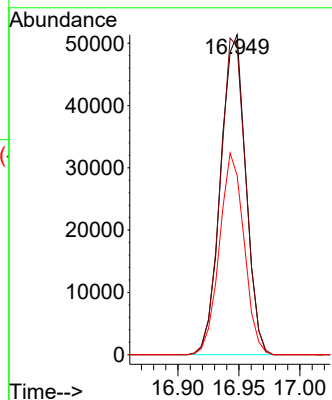
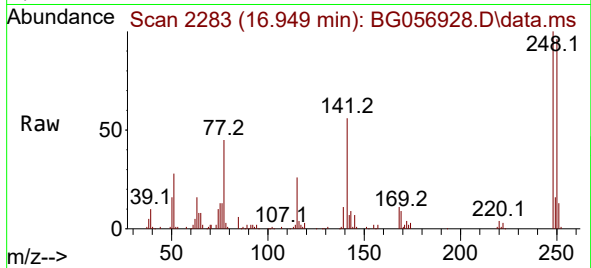




#67
4-Bromophenyl-phenylether
Concen: 39.706 ng
RT: 16.949 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

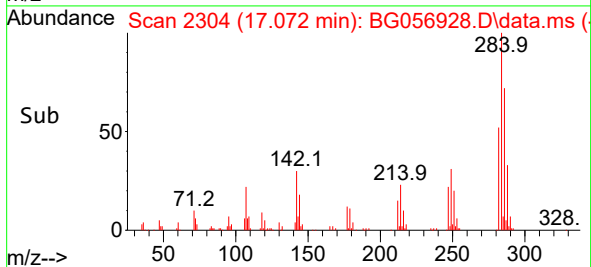
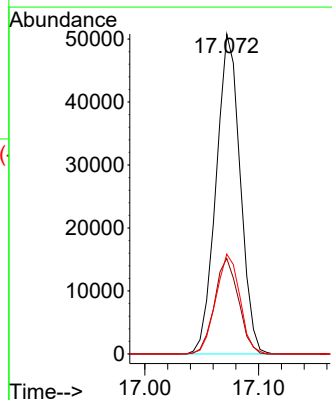
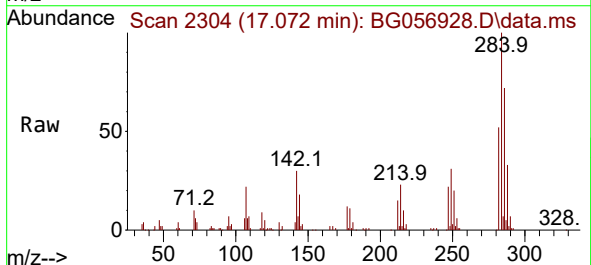
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

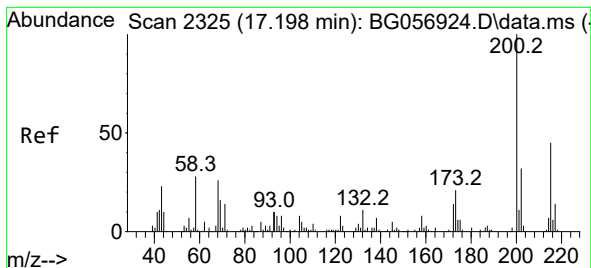
Tgt Ion:248 Resp: 73895
Ion Ratio Lower Upper
248 100
250 96.4 80.5 120.7
141 56.0 52.0 78.0



#68
Hexachlorobenzene
Concen: 40.641 ng
RT: 17.072 min Scan# 2304
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:284 Resp: 74777
Ion Ratio Lower Upper
284 100
142 29.8 23.0 34.4
249 31.2 27.1 40.7





#69

Atrazine

Concen: 40.828 ng

RT: 17.195 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

Instrument :

BNA_G

ClientSampleId :

ICVBG033023

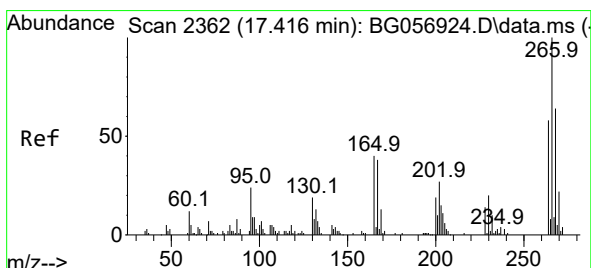
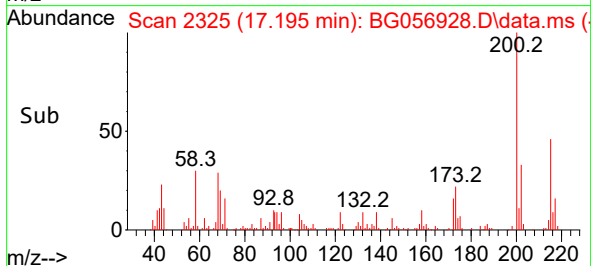
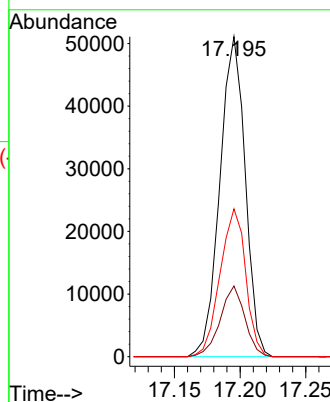
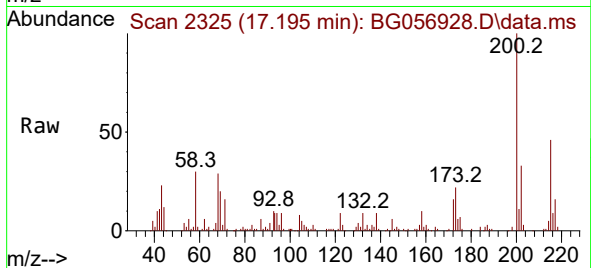
Tgt Ion:200 Resp: 68429

Ion Ratio Lower Upper

200 100

173 22.1 1.0 41.0

215 46.2 25.0 65.0



#70

Pentachlorophenol

Concen: 40.018 ng

RT: 17.413 min Scan# 2362

Delta R.T. -0.003 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

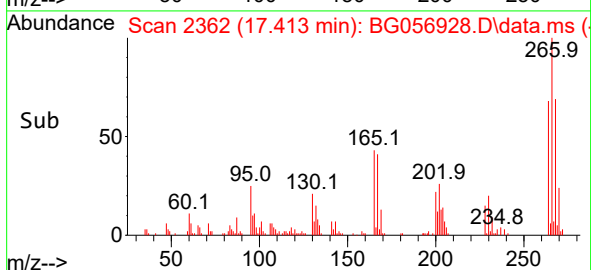
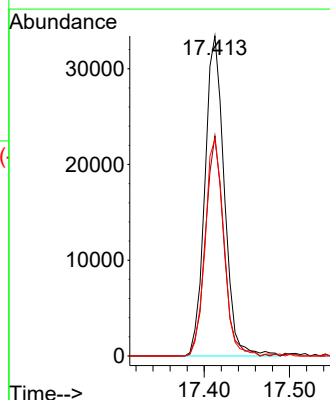
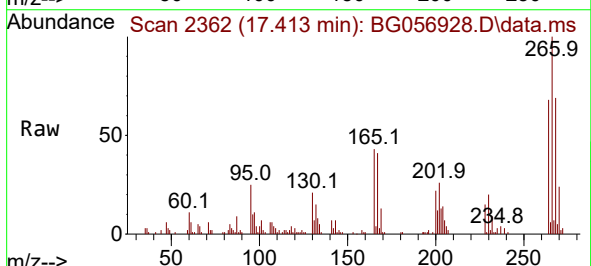
Tgt Ion:266 Resp: 52824

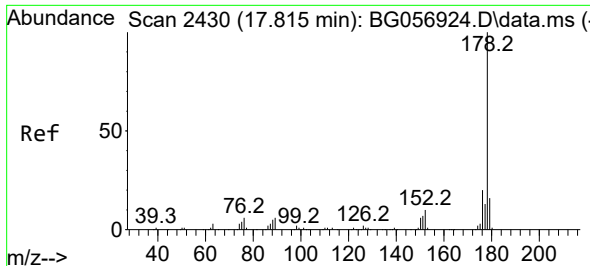
Ion Ratio Lower Upper

266 100

268 68.8 51.0 76.6

264 67.8 46.8 70.2

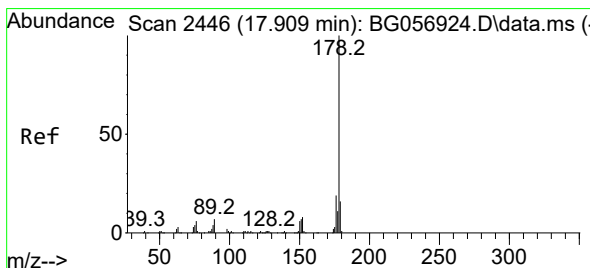
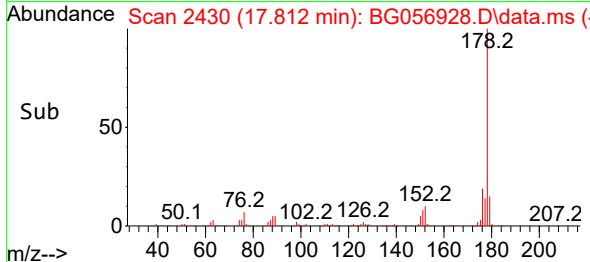
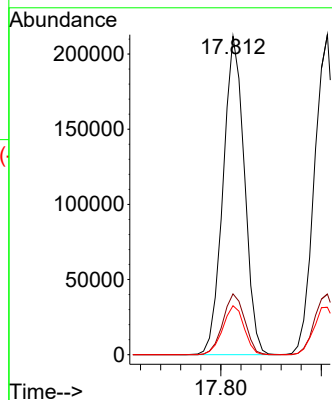
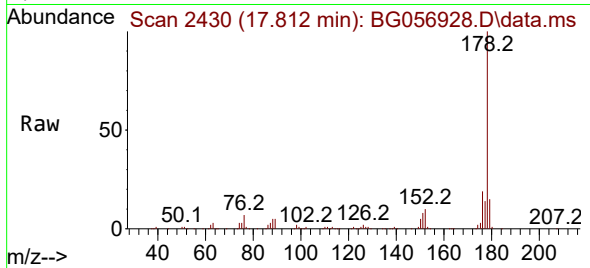




#71
Phenanthrene
Concen: 40.665 ng
RT: 17.812 min Scan# 2430
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

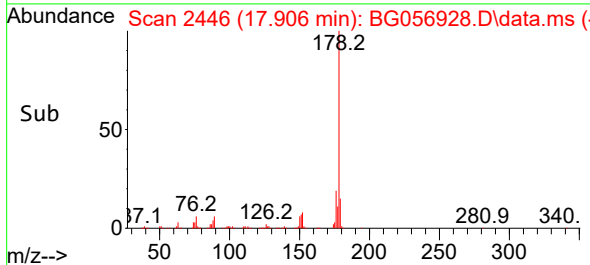
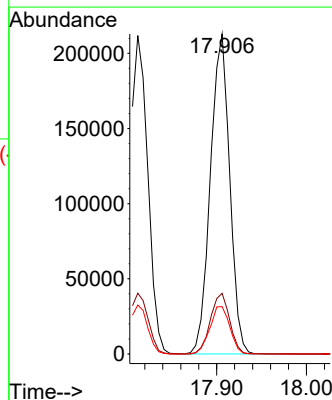
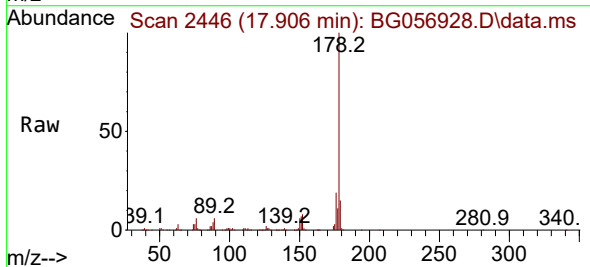
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

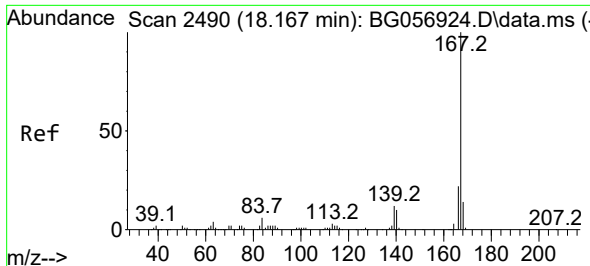
Tgt Ion:178 Resp: 311847
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.2
179 15.4 12.5 18.7



#72
Anthracene
Concen: 40.336 ng
RT: 17.906 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:178 Resp: 317099
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 14.8 12.4 18.6

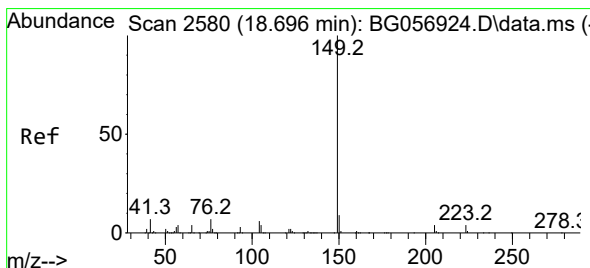
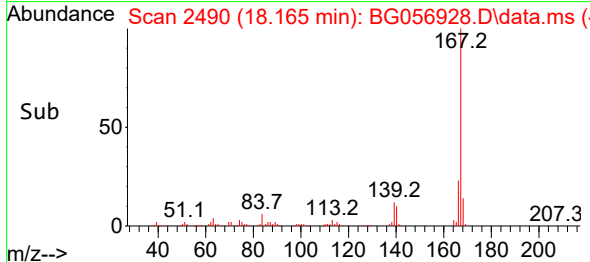
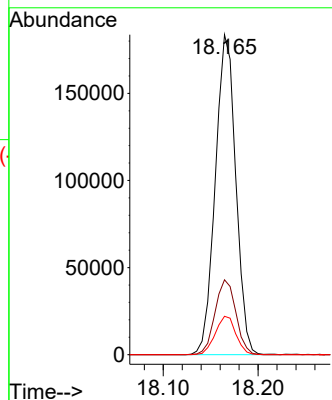
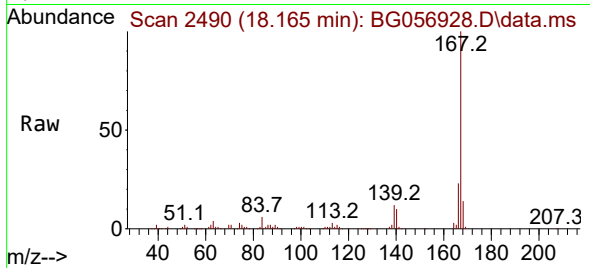




#73
 Carbazole
 Concen: 40.191 ng
 RT: 18.165 min Scan# 2490
 Delta R.T. -0.003 min
 Lab File: BG056928.D
 Acq: 30 Mar 2023 17:27

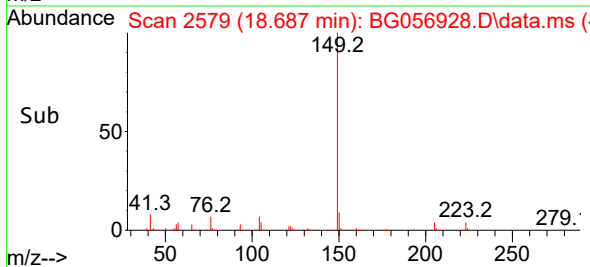
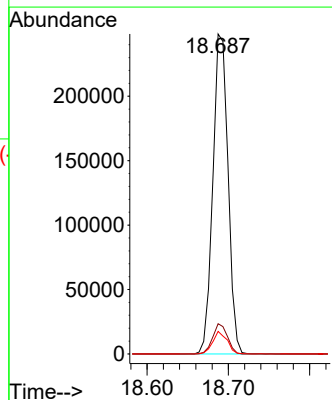
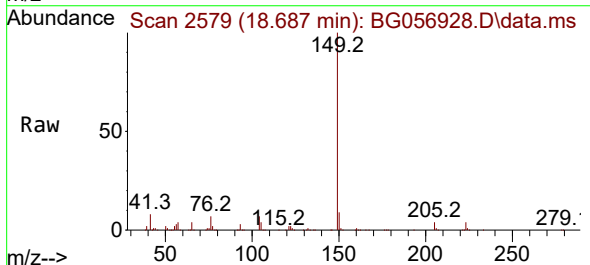
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG033023

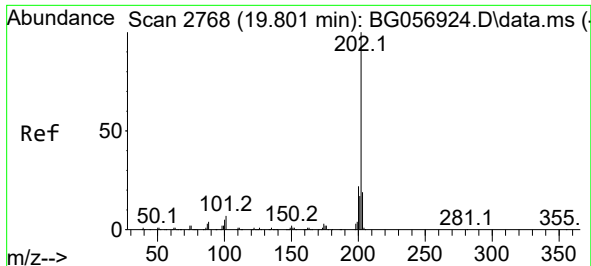
Tgt Ion:167 Resp: 275476
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.9 26.9
 139 12.0 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 40.514 ng
 RT: 18.687 min Scan# 2579
 Delta R.T. -0.009 min
 Lab File: BG056928.D
 Acq: 30 Mar 2023 17:27

Tgt Ion:149 Resp: 321556
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 7.1 4.9 7.3

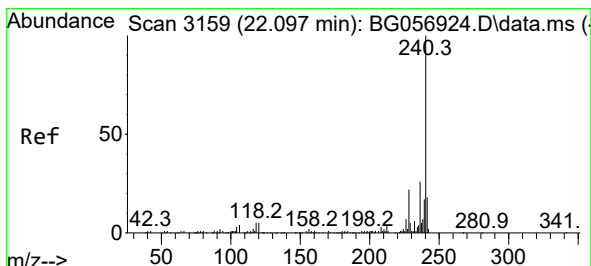
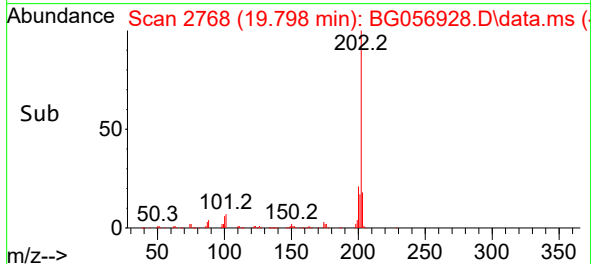
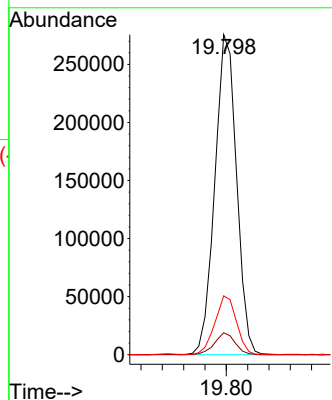
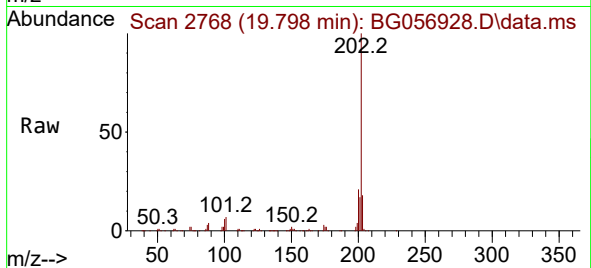




#75
Fluoranthene
Concen: 40.052 ng
RT: 19.798 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

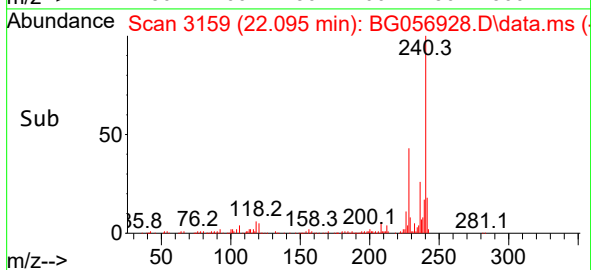
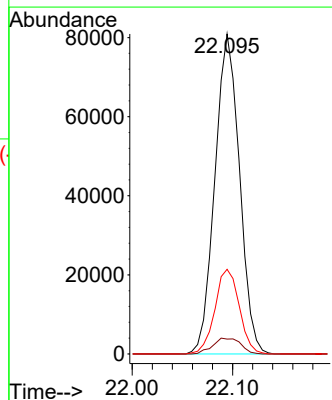
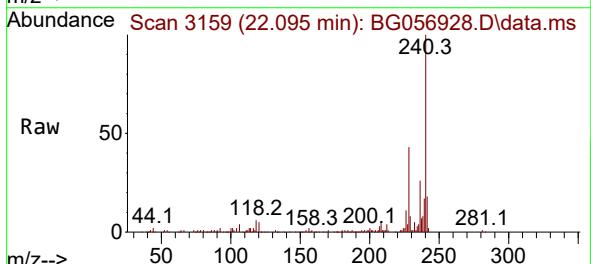
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

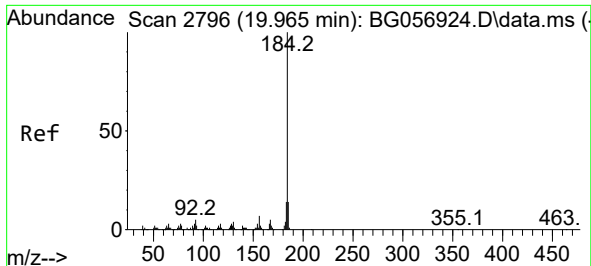
Tgt Ion:202 Resp: 389353
Ion Ratio Lower Upper
202 100
101 6.8 0.0 26.7
203 18.4 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.095 min Scan# 3159
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:240 Resp: 137718
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.6
236 26.5 21.0 31.6

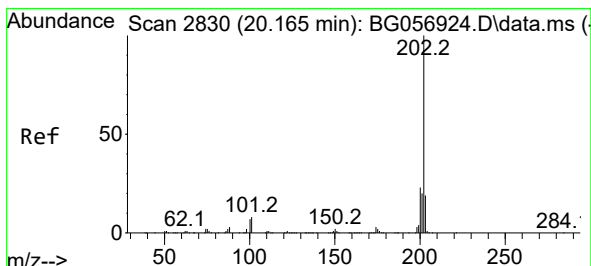
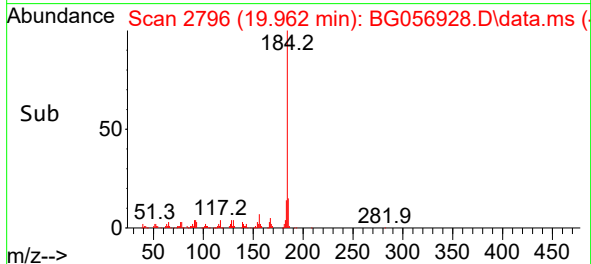
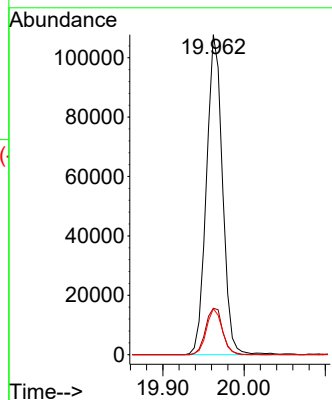
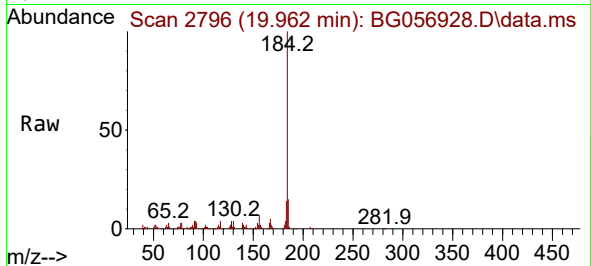




#77
Benzidine
Concen: 39.194 ng
RT: 19.962 min Scan# 2796
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

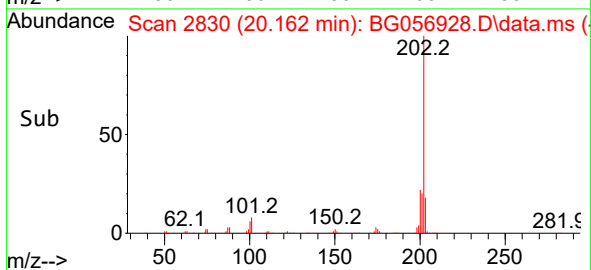
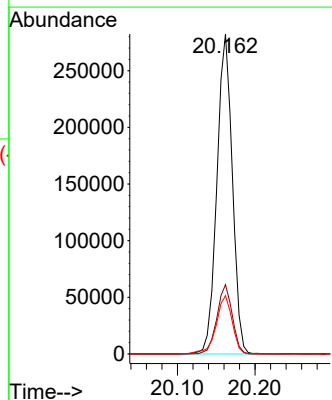
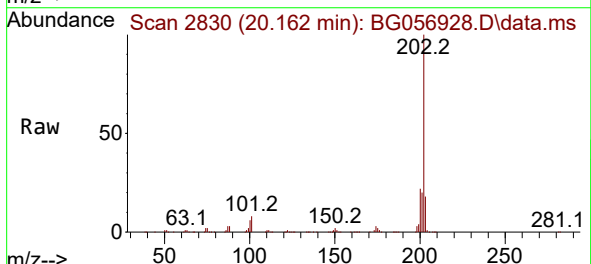
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

Tgt Ion:184 Resp: 147539
Ion Ratio Lower Upper
184 100
185 14.5 11.0 16.4
183 14.4 11.4 17.0



#78
Pyrene
Concen: 41.079 ng
RT: 20.162 min Scan# 2830
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:202 Resp: 391292
Ion Ratio Lower Upper
202 100
200 21.6 18.7 28.1
203 18.2 15.4 23.2

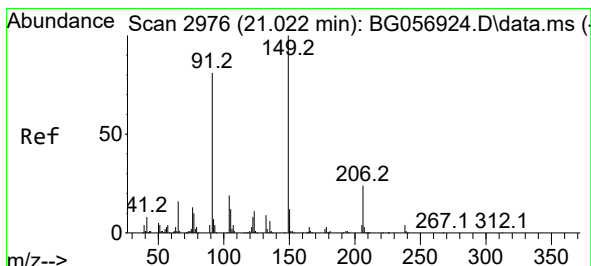
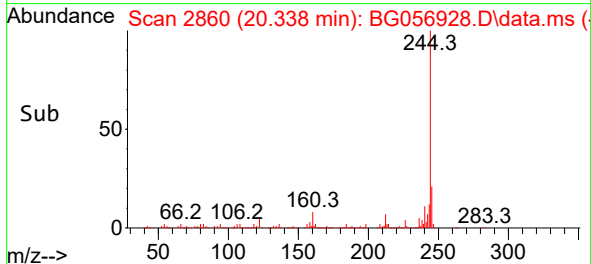
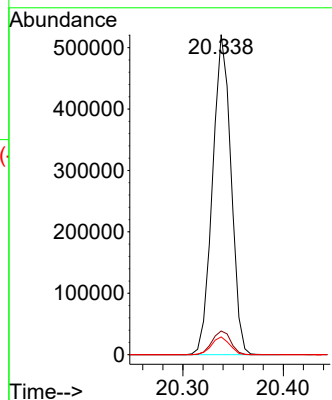
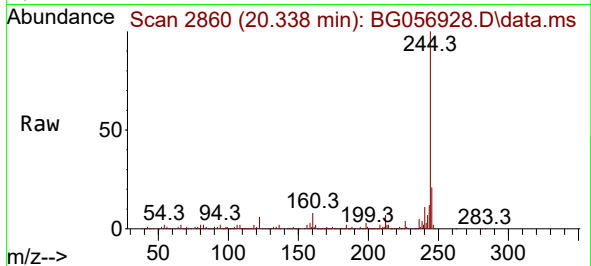




#79
 Terphenyl-d14
 Concen: 81.634 ng
 RT: 20.338 min Scan# 2860
 Delta R.T. -0.003 min
 Lab File: BG056928.D
 Acq: 30 Mar 2023 17:27

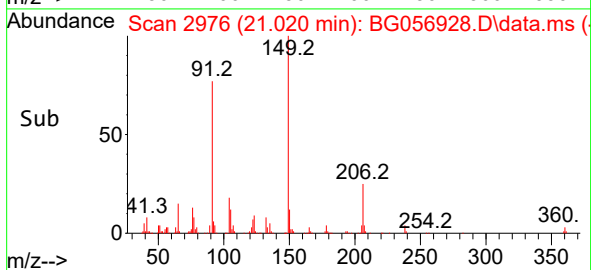
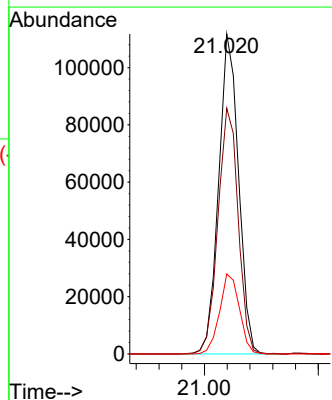
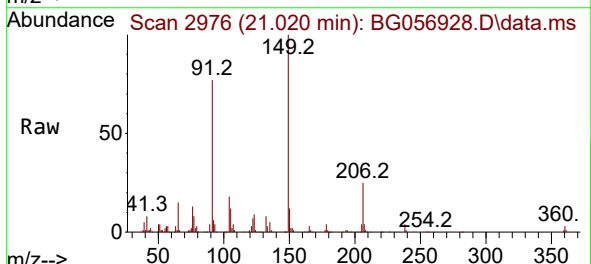
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG033023

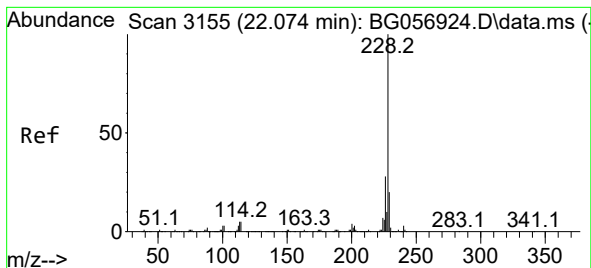
Tgt Ion:244 Resp: 664389
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 5.5 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 41.378 ng
 RT: 21.020 min Scan# 2976
 Delta R.T. -0.003 min
 Lab File: BG056928.D
 Acq: 30 Mar 2023 17:27

Tgt Ion:149 Resp: 135628
 Ion Ratio Lower Upper
 149 100
 91 76.8 64.4 96.6
 206 25.0 18.9 28.3





#81

Benzo(a)anthracene

Concen: 40.507 ng

RT: 22.071 min Scan# 3155

Delta R.T. -0.003 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

Instrument :

BNA_G

ClientSampleId :

ICVBG033023

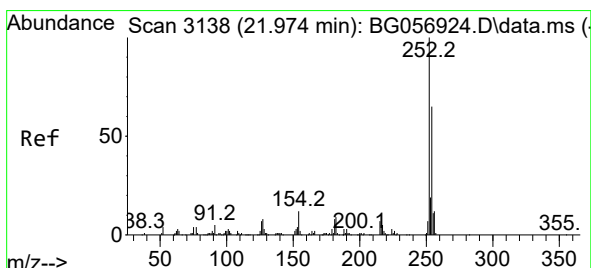
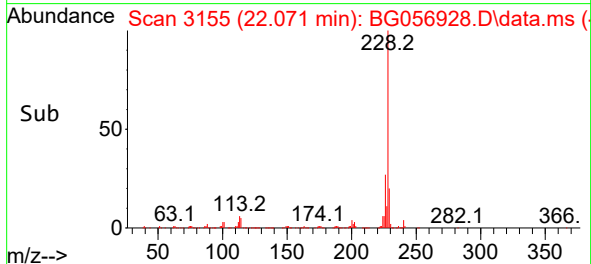
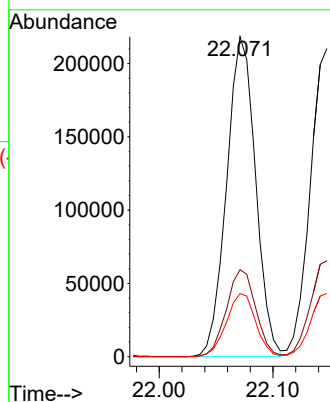
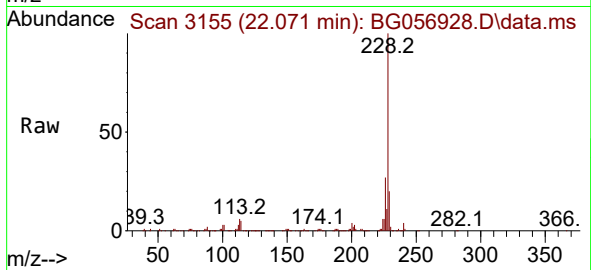
Tgt Ion:228 Resp: 386037

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 39.148 ng

RT: 21.965 min Scan# 3137

Delta R.T. -0.009 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

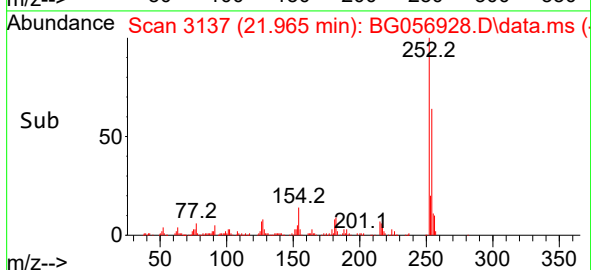
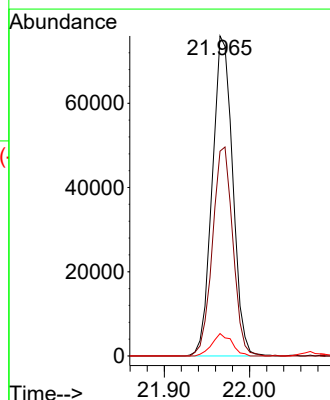
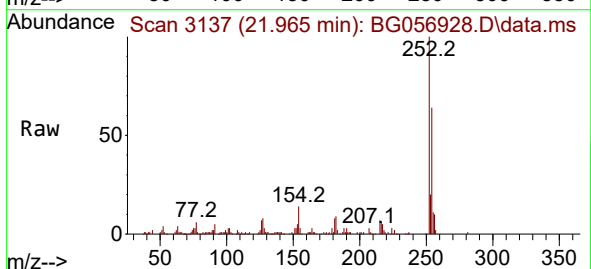
Tgt Ion:252 Resp: 125981

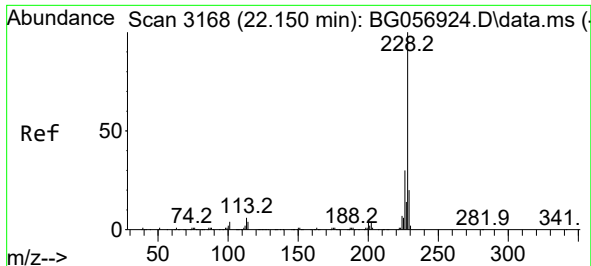
Ion Ratio Lower Upper

252 100

254 64.0 51.7 77.5

126 7.0 5.6 8.4

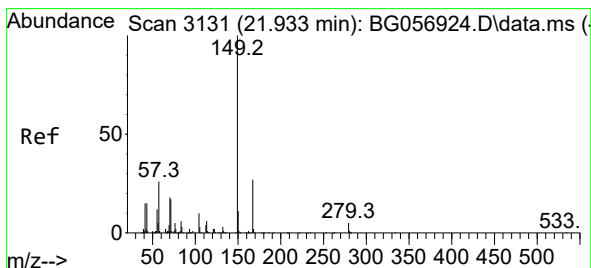
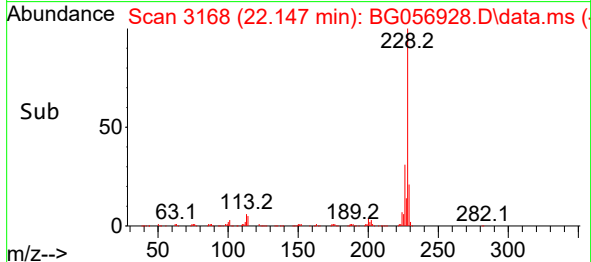
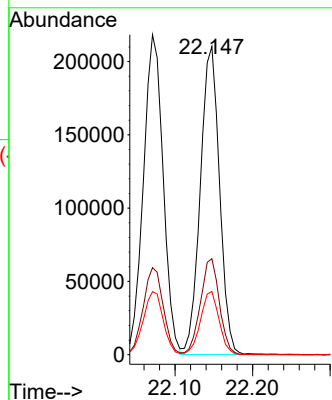
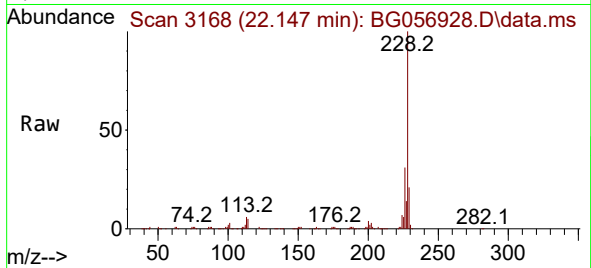




#83
Chrysene
Concen: 40.474 ng
RT: 22.147 min Scan# 3168
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

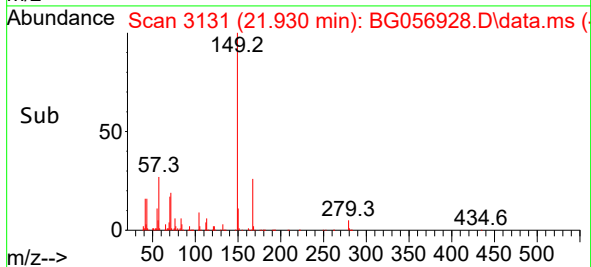
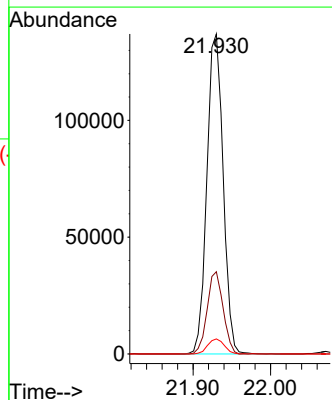
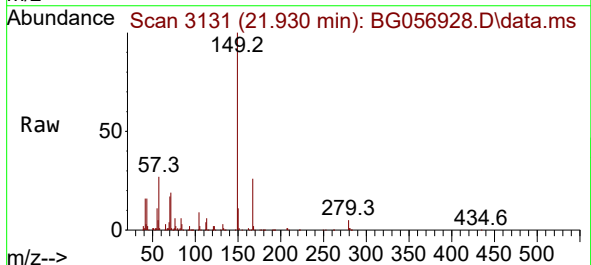
Instrument :
BNA_G
ClientSampleId :
ICVBG033023

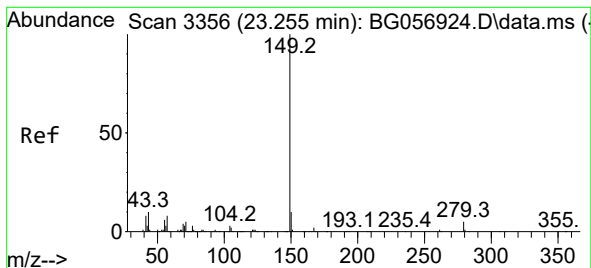
Tgt Ion:228 Resp: 361159
Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 20.5 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.921 ng
RT: 21.930 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BG056928.D
Acq: 30 Mar 2023 17:27

Tgt Ion:149 Resp: 198975
Ion Ratio Lower Upper
149 100
167 25.7 21.4 32.2
279 4.7 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 41.288 ng

RT: 23.252 min Scan# 3356

Delta R.T. -0.003 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

Instrument :

BNA_G

ClientSampleId :

ICVBG033023

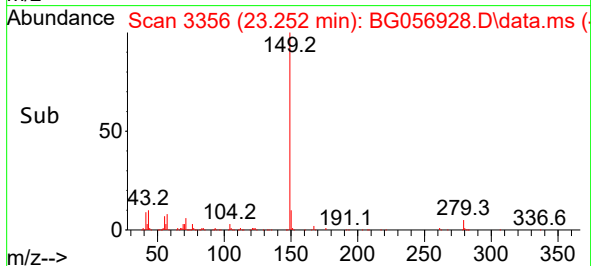
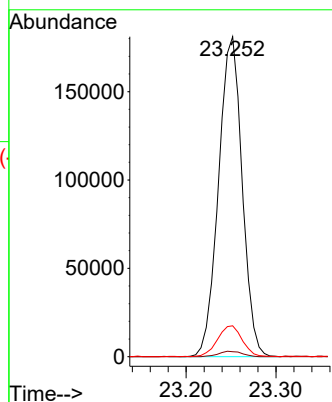
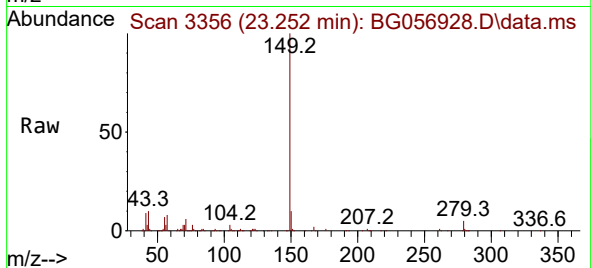
Tgt Ion:149 Resp: 330241

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.637 min Scan# 3762

Delta R.T. -0.009 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

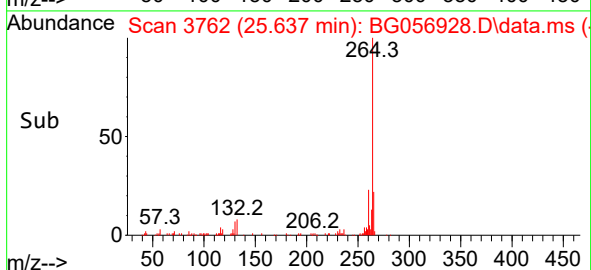
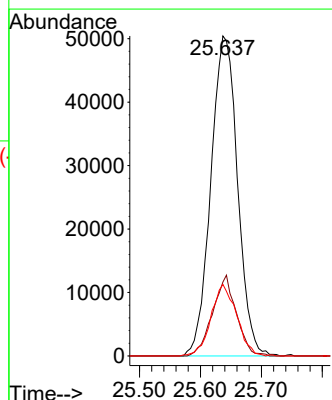
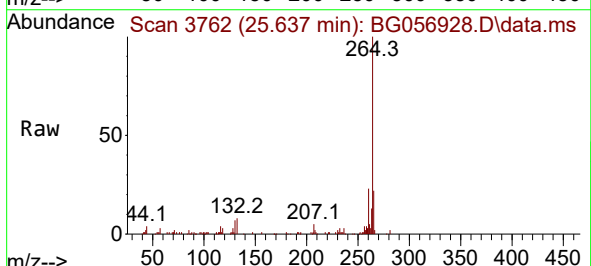
Tgt Ion:264 Resp: 153615

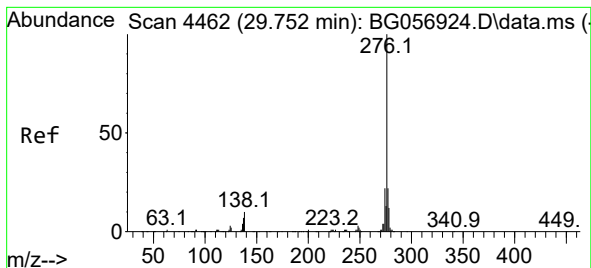
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 22.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.654 ng

RT: 29.743 min Scan# 4461

Delta R.T. -0.009 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

Instrument :

BNA_G

ClientSampleId :

ICVBG033023

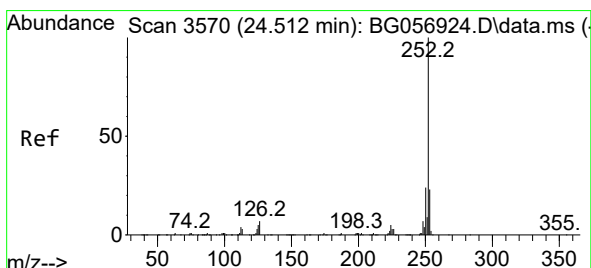
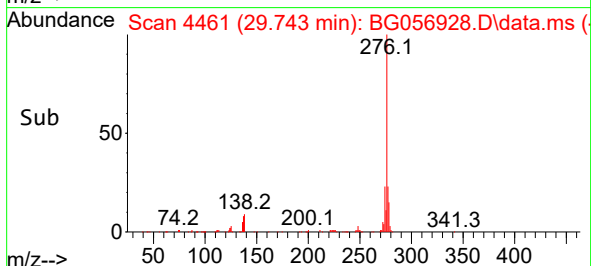
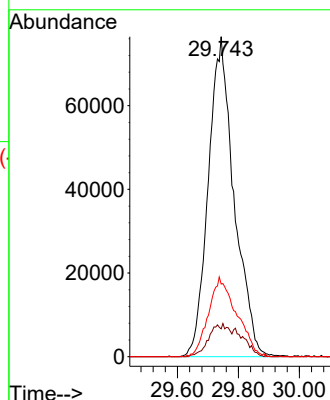
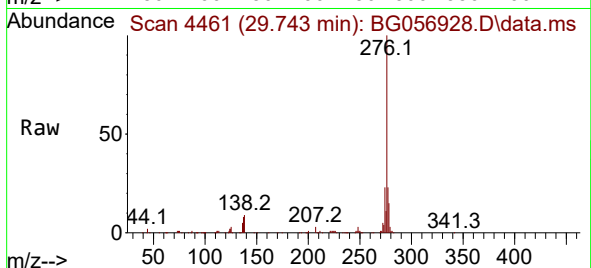
Tgt Ion:276 Resp: 450191

Ion Ratio Lower Upper

276 100

138 5.1 7.7 11.5#

277 27.0 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 40.198 ng

RT: 24.503 min Scan# 3569

Delta R.T. -0.009 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

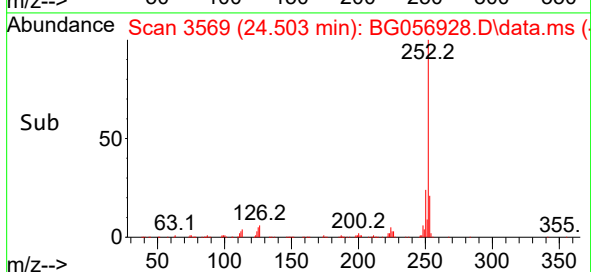
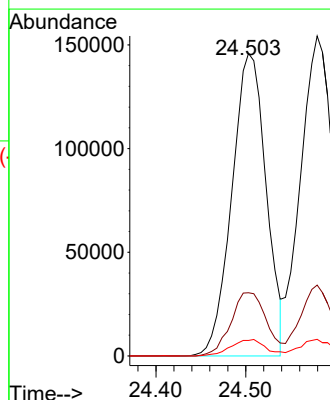
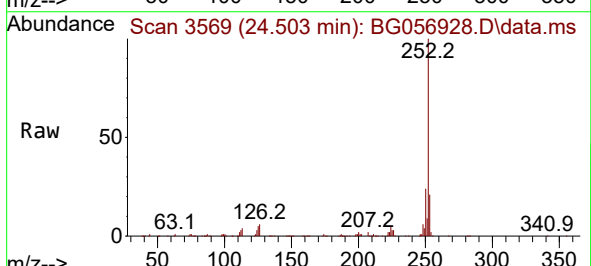
Tgt Ion:252 Resp: 386141

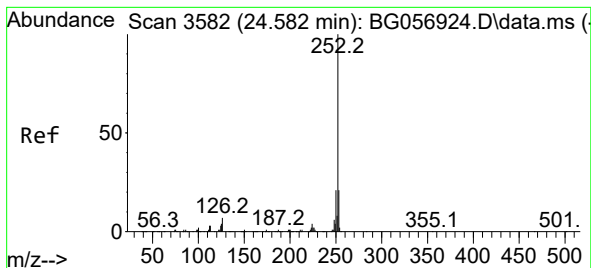
Ion Ratio Lower Upper

252 100

253 20.9 18.1 27.1

125 5.1 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 40.950 ng

RT: 24.579 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

Instrument :

BNA_G

ClientSampleId :

ICVBG033023

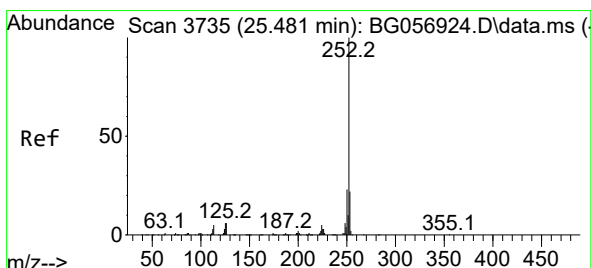
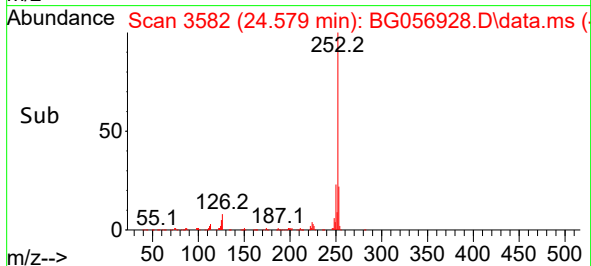
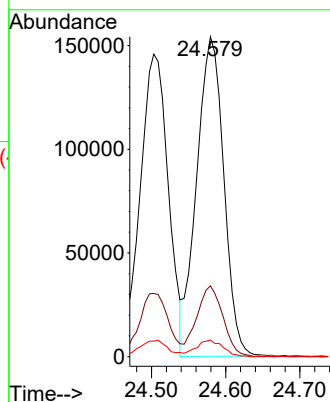
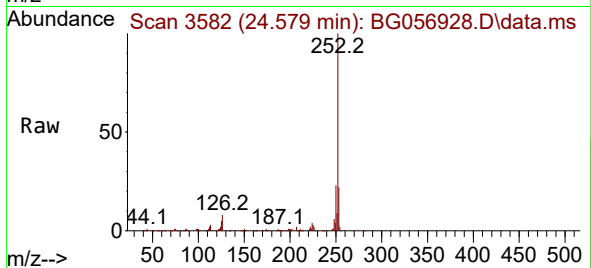
Tgt Ion:252 Resp: 392706

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 5.2 3.8 5.6



#90

Benzo(a)pyrene

Concen: 40.132 ng

RT: 25.472 min Scan# 3734

Delta R.T. -0.009 min

Lab File: BG056928.D

Acq: 30 Mar 2023 17:27

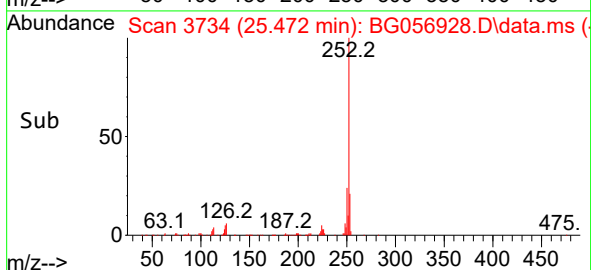
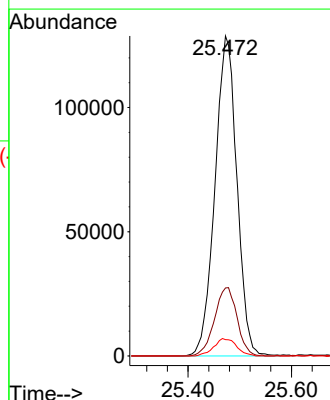
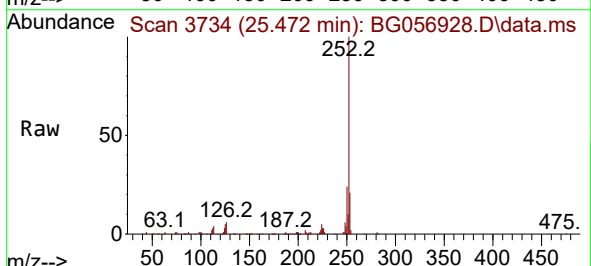
Tgt Ion:252 Resp: 378825

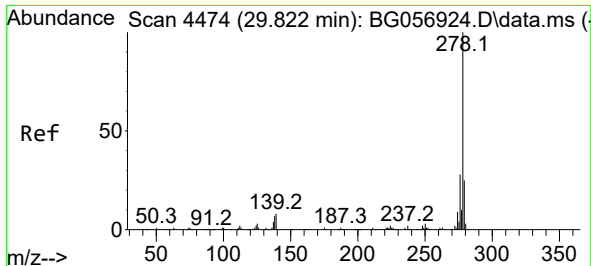
Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 5.1 4.5 6.7

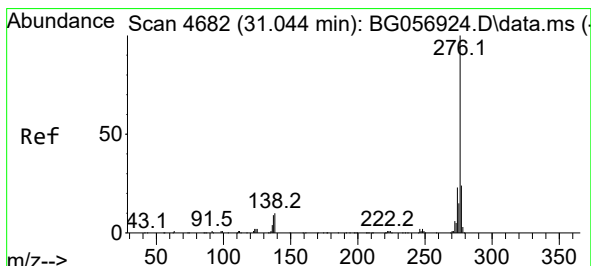
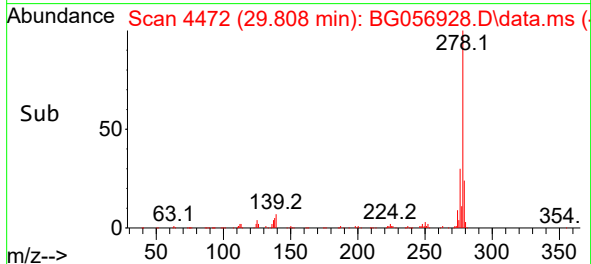
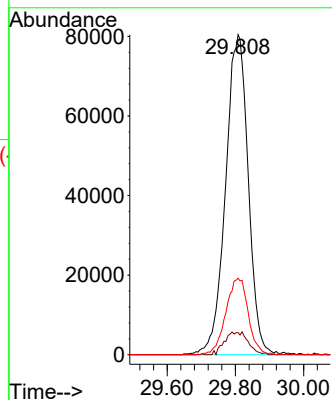
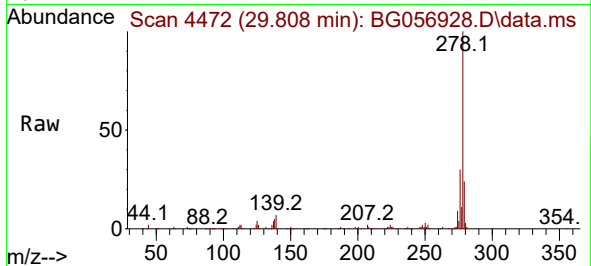




#91
 Dibenzo(a,h)anthracene
 Concen: 39.750 ng
 RT: 29.808 min Scan# 4474
 Delta R.T. -0.015 min
 Lab File: BG056928.D
 Acq: 30 Mar 2023 17:27

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG033023

Tgt Ion:278 Resp: 370944
 Ion Ratio Lower Upper
 278 100
 139 6.9 6.4 9.6
 279 23.9 20.2 30.2



#92
 Benzo(g,h,i)perylene
 Concen: 39.580 ng
 RT: 31.029 min Scan# 4680
 Delta R.T. -0.015 min
 Lab File: BG056928.D
 Acq: 30 Mar 2023 17:27

Tgt Ion:276 Resp: 361669
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.1 28.7
 138 10.0 8.2 12.2

