

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057064.D
 Acq On : 12 Apr 2023 14:54
 Operator : CG/JU
 Sample : PB152062BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152062BS

Quant Time: Apr 13 05:23:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.409	152	17564	20.000	ng	0.00
21) Naphthalene-d8	11.252	136	73143	20.000	ng	0.00
39) Acenaphthene-d10	15.023	164	54877	20.000	ng	0.00
64) Phenanthrene-d10	17.761	188	137421	20.000	ng	0.00
76) Chrysene-d12	22.079	240	125212	20.000	ng	0.00
86) Perylene-d12	25.621	264	133507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	130835	119.218	ng	0.00
7) Phenol-d6	7.545	99	186505	113.628	ng	0.00
23) Nitrobenzene-d5	9.590	82	116354	65.091	ng	0.00
42) 2,4,6-Tribromophenol	16.504	330	97241	110.920	ng	0.00
45) 2-Fluorobiphenyl	13.649	172	272977	67.453	ng	0.00
79) Terphenyl-d14	20.328	244	512404	69.248	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.715	88	16030	33.321	ng	98
3) Pyridine	4.138	79	43271	27.926	ng	95
4) n-Nitrosodimethylamine	4.044	42	26110	36.650	ng	96
6) Aniline	7.716	93	74408	35.461	ng	95
8) 2-Chlorophenol	7.968	128	52872	48.368	ng	96
9) Benzaldehyde	7.528	77	37379	36.308	ng	96
10) Phenol	7.569	94	81218	49.938	ng	98
11) bis(2-Chloroethyl)ether	7.810	93	51118	44.124	ng	96
12) 1,3-Dichlorobenzene	8.297	146	53499	44.293	ng	98
13) 1,4-Dichlorobenzene	8.444	146	55048	45.157	ng	98
14) 1,2-Dichlorobenzene	8.773	146	53093	45.080	ng	93
15) Benzyl Alcohol	8.638	79	59182	43.394	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.932	45	61756	44.232	ng	98
17) 2-Methylphenol	8.844	107	53159	45.814	ng	94
18) Hexachloroethane	9.513	117	19397	43.534	ng	# 86
19) n-Nitroso-di-n-propyla...	9.208	70	48516	41.325	ng	99
20) 3+4-Methylphenols	9.173	107	71691	44.185	ng	96
22) Acetophenone	9.237	105	88502	40.663	ng	# 92
24) Nitrobenzene	9.631	77	72852	39.862	ng	94
25) Isophorone	10.154	82	129415	38.019	ng	98
26) 2-Nitrophenol	10.347	139	30163	42.759	ng	94
27) 2,4-Dimethylphenol	10.389	122	54600	43.838	ng	99
28) bis(2-Chloroethoxy)met...	10.624	93	69274	40.650	ng	94
29) 2,4-Dichlorophenol	10.882	162	58929	43.994	ng	97
30) 1,2,4-Trichlorobenzene	11.105	180	61174	42.982	ng	96
31) Naphthalene	11.299	128	163953	41.124	ng	97
32) Benzoic acid	10.535	122	35080	41.003	ng	96
33) 4-Chloroaniline	11.399	127	48054	26.688	ng	95
34) Hexachlorobutadiene	11.575	225	43220	40.426	ng	93
35) Caprolactam	12.168	113	12440	26.930	ng	89
36) 4-Chloro-3-methylphenol	12.492	107	61735	41.213	ng	88
37) 2-Methylnaphthalene	12.873	142	123053	38.889	ng	97
38) 1-Methylnaphthalene	13.091	142	112495	37.862	ng	97
40) 1,2,4,5-Tetrachloroben...	13.238	216	80945	42.536	ng	98
41) Hexachlorocyclopentadiene	13.208	237	116546	111.156	ng	99
43) 2,4,6-Trichlorophenol	13.537	196	57602	47.434	ng	97

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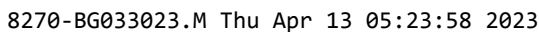
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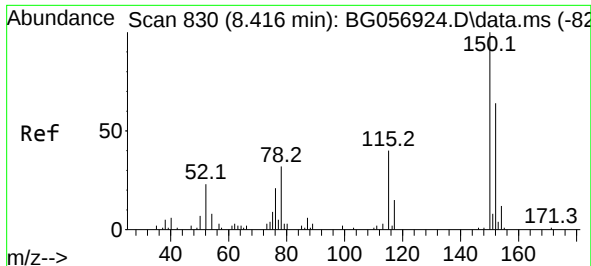
Quant Time: Apr 13 05:23:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.537	196	57602	40.040	ng	97
46) 1,1'-Biphenyl	13.860	154	175099	43.588	ng	97
47) 2-Chloronaphthalene	13.913	162	131602	44.294	ng	97
48) 2-Nitroaniline	14.107	65	44751	42.124	ng	92
49) Acenaphthylene	14.747	152	208890	42.792	ng	99
50) Dimethylphthalate	14.459	163	178446	41.269	ng	# 98
51) 2,6-Dinitrotoluene	14.583	165	40441	43.288	ng	93
52) Acenaphthene	15.088	154	132211	39.271	ng	96
53) 3-Nitroaniline	14.918	138	27730	29.988	ng	99
54) 2,4-Dinitrophenol	15.123	184	51889	98.678	ng	94
55) Dibenzofuran	15.417	168	211637	41.883	ng	95
56) 4-Nitrophenol	15.211	139	62944	92.051	ng	# 88
57) 2,4-Dinitrotoluene	15.370	165	56511	42.889	ng	99
58) Fluorene	16.063	166	173896	41.589	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.634	232	56179	42.890	ng	98
60) Diethylphthalate	15.805	149	183550	42.344	ng	98
61) 4-Chlorophenyl-phenyle...	16.040	204	103190	42.033	ng	97
62) 4-Nitroaniline	16.075	138	39755	41.495	ng	93
63) Azobenzene	16.333	77	177633	41.120	ng	98
65) 4,6-Dinitro-2-methylph...	16.134	198	38021	45.683	ng	98
66) n-Nitrosodiphenylamine	16.257	169	155336	42.108	ng	97
67) 4-Bromophenyl-phenylether	16.938	248	68404	40.230	ng	94
68) Hexachlorobenzene	17.068	284	74724	44.451	ng	96
69) Atrazine	17.185	200	66808	43.628	ng	99
70) Pentachlorophenol	17.408	266	89058	73.845	ng	93
71) Phenanthrene	17.802	178	291549	41.612	ng	99
72) Anthracene	17.896	178	294568	41.012	ng	99
73) Carbazole	18.160	167	266107	42.494	ng	95
74) Di-n-butylphthalate	18.677	149	312747	43.129	ng	100
75) Fluoranthene	19.788	202	355514	40.028	ng	99
77) Benzidine	19.952	184	162849	47.583	ng	97
78) Pyrene	20.152	202	361965	41.796	ng	98
80) Butylbenzylphthalate	21.009	149	131151	44.008	ng	95
81) Benzo(a)anthracene	22.061	228	354889	40.958	ng	99
82) 3,3'-Dichlorobenzidine	21.955	252	95691	32.705	ng	96
83) Chrysene	22.131	228	322449	39.745	ng	97
84) Bis(2-ethylhexyl)phtha...	21.908	149	188427	43.664	ng	97
85) Di-n-octyl phthalate	23.224	149	315934	43.444	ng	99
87) Indeno(1,2,3-cd)pyrene	29.715	276	418727	42.438	ng	# 96
88) Benzo(b)fluoranthene	24.487	252	372410	44.607	ng	99
89) Benzo(k)fluoranthene	24.563	252	358285	42.987	ng	# 99
90) Benzo(a)pyrene	25.450	252	322343	39.292	ng	# 97
91) Dibenzo(a,h)anthracene	29.774	278	350491	43.215	ng	98
92) Benzo(g,h,i)perylene	31.002	276	331121	41.695	ng	98

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

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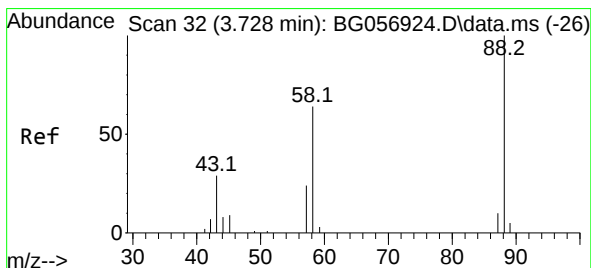
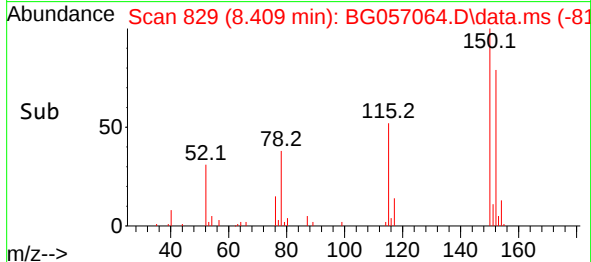
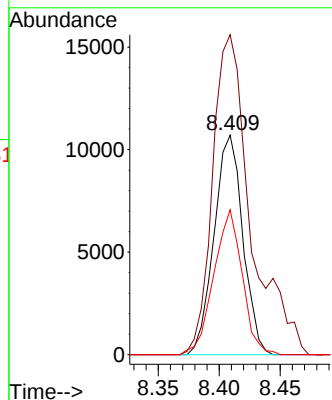
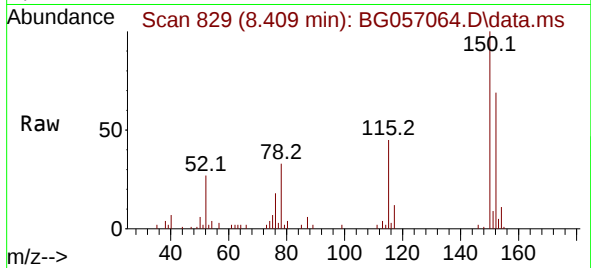




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.409 min Scan# 81
 Delta R.T. -0.002 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54

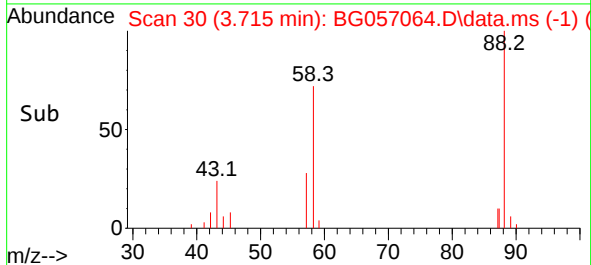
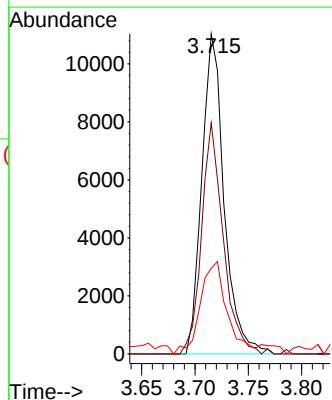
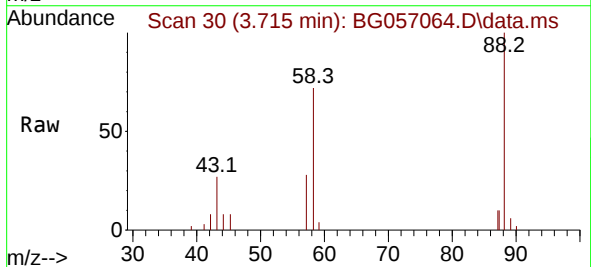
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Tgt Ion:152 Resp: 17564
 Ion Ratio Lower Upper
 152 100
 150 145.8 124.1 186.1
 115 66.1 49.1 73.7



#2
 1,4-Dioxane
 Concen: 33.321 ng
 RT: 3.715 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54

Tgt Ion: 88 Resp: 16030
 Ion Ratio Lower Upper
 88 100
 58 70.4 55.9 83.9
 43 34.4 25.7 38.5

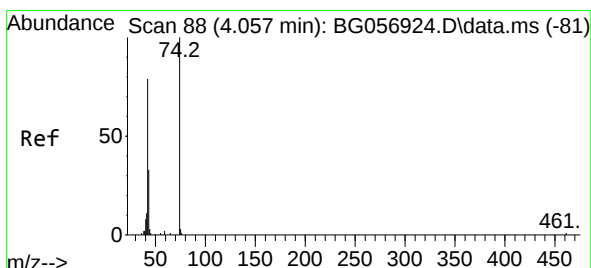
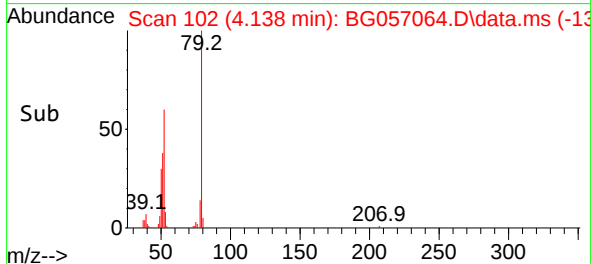
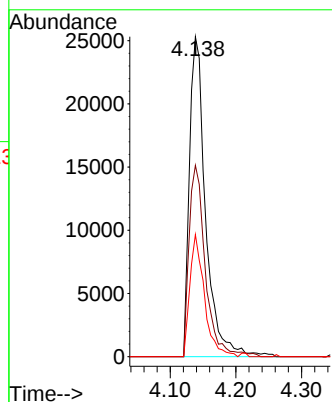
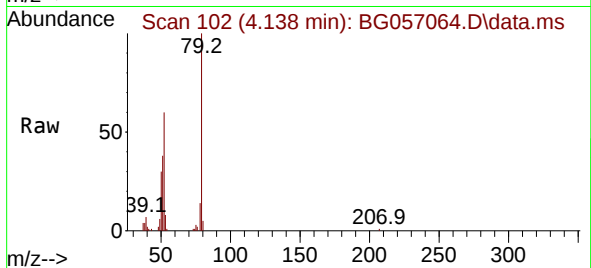




#3
 Pyridine
 Concen: 27.926 ng
 RT: 4.138 min Scan# 104
 Delta R.T. -0.008 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54

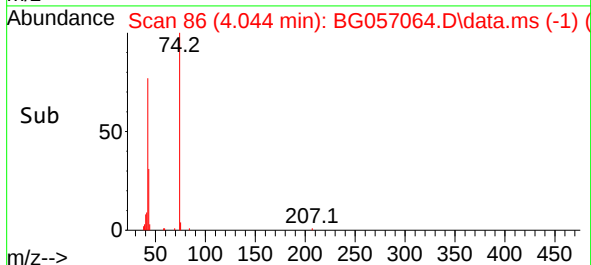
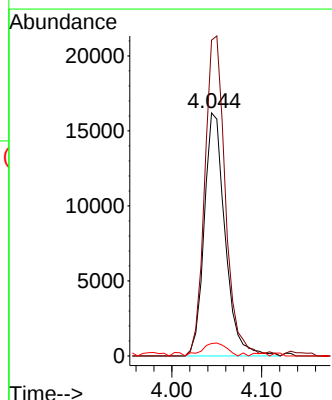
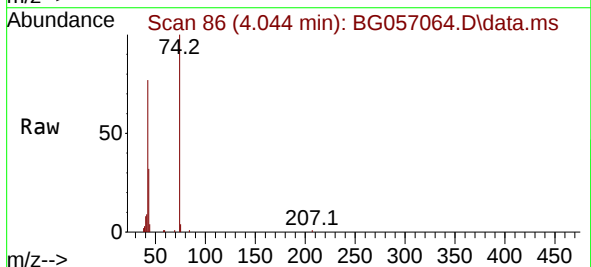
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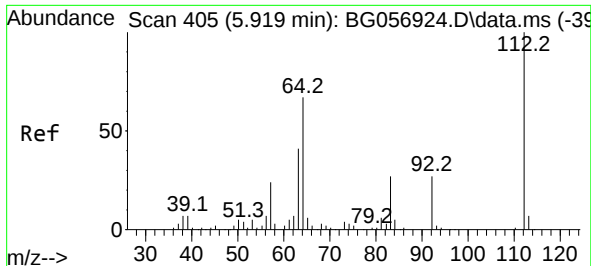
Tgt Ion: 79 Resp: 43271
 Ion Ratio Lower Upper
 79 100
 52 59.8 46.1 69.1
 51 38.1 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 36.650 ng
 RT: 4.044 min Scan# 86
 Delta R.T. -0.008 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54

Tgt Ion: 42 Resp: 26110
 Ion Ratio Lower Upper
 42 100
 74 129.9 100.6 151.0
 44 5.2 4.6 7.0

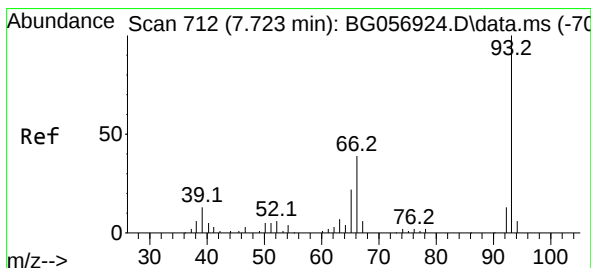
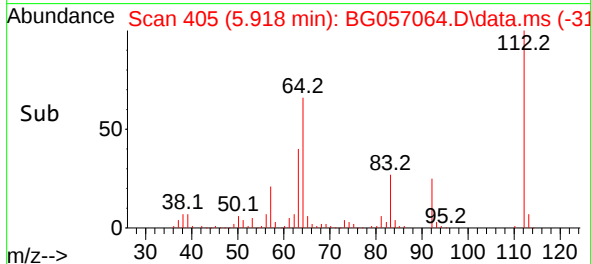
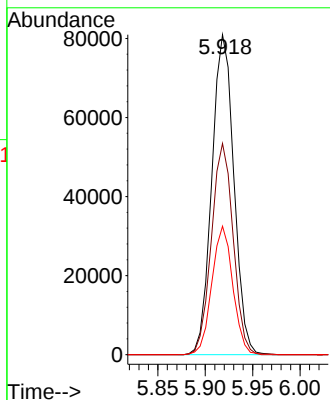
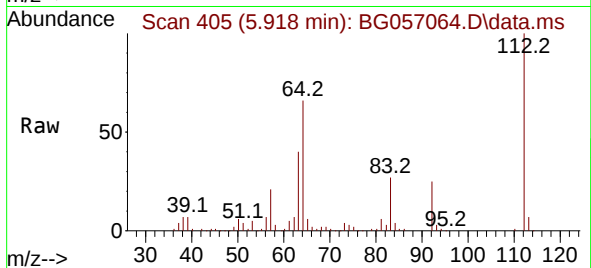




#5
2-Fluorophenol
Concen: 119.218 ng
RT: 5.918 min Scan# 405
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

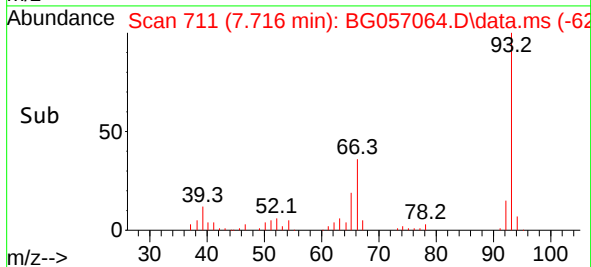
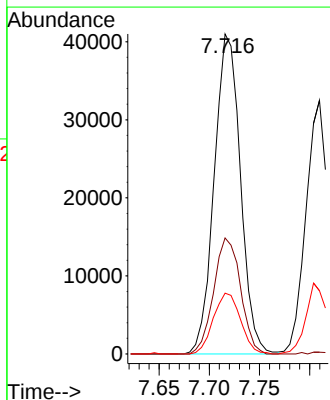
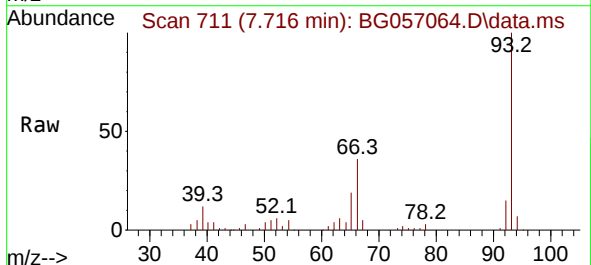
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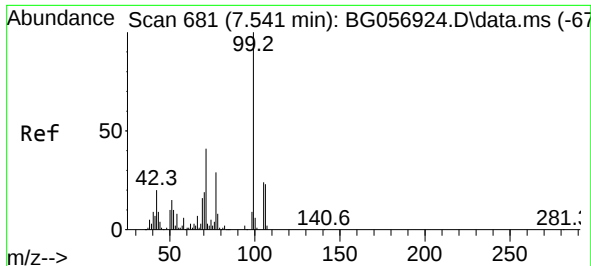
Tgt Ion:112 Resp: 130835
Ion Ratio Lower Upper
112 100
64 66.0 53.2 79.8
63 40.2 32.6 48.8



#6
Aniline
Concen: 35.461 ng
RT: 7.716 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion: 93 Resp: 74408
Ion Ratio Lower Upper
93 100
66 36.2 31.4 47.0
65 19.0 17.3 25.9

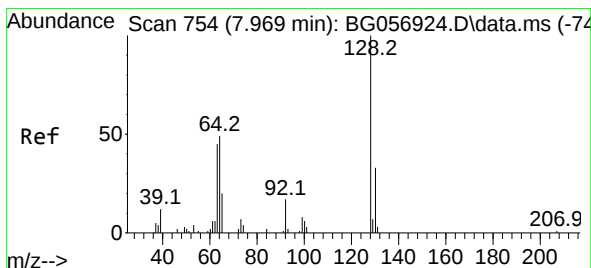
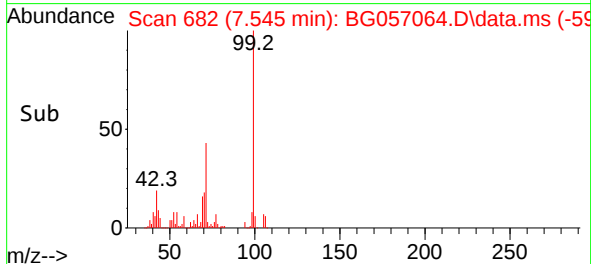
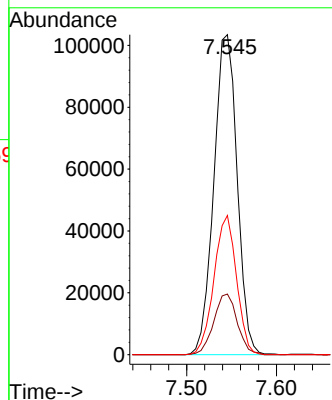
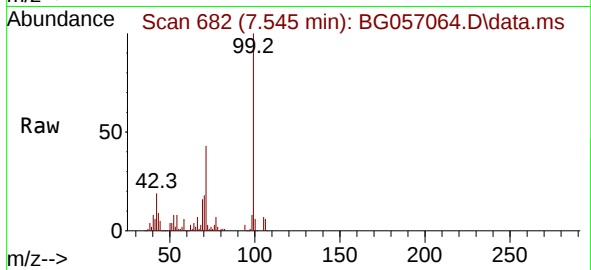




#7
Phenol-d6
Concen: 113.628 ng
RT: 7.545 min Scan# 681
Delta R.T. 0.009 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

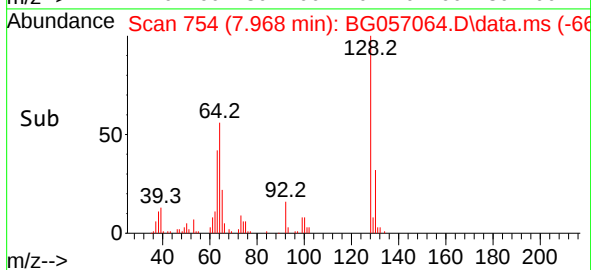
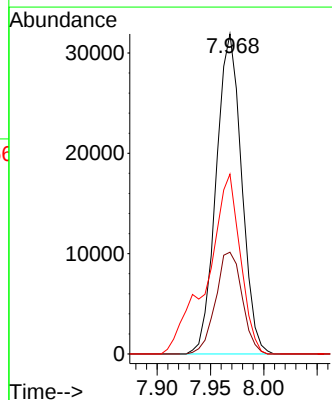
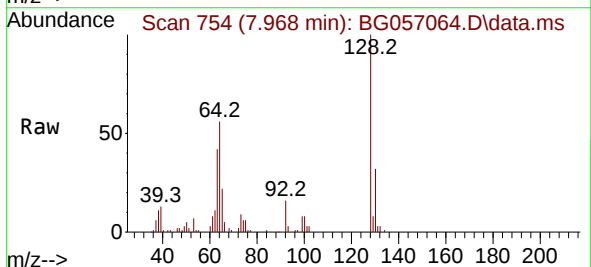
Instrument :
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Tgt Ion: 99 Resp: 186505
Ion Ratio Lower Upper
99 100
42 19.0 15.7 23.5
71 43.5 32.5 48.7



#8
2-Chlorophenol
Concen: 48.368 ng
RT: 7.968 min Scan# 754
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion: 128 Resp: 52872
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 56.2 40.6 80.6

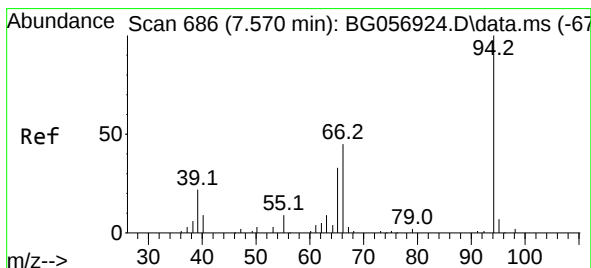
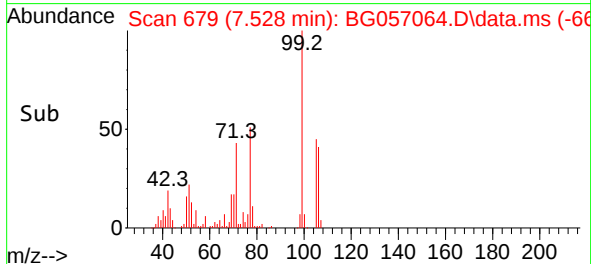
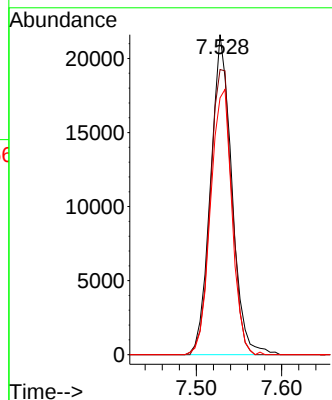
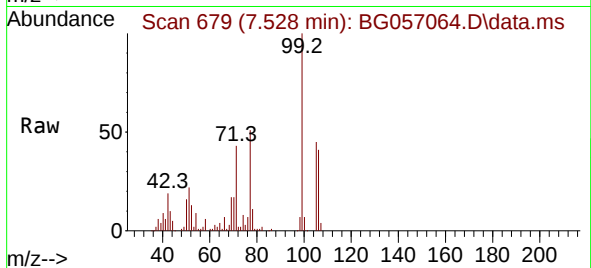




#9
Benzaldehyde
Concen: 36.308 ng
RT: 7.528 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

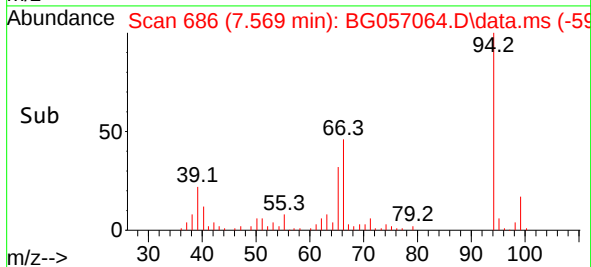
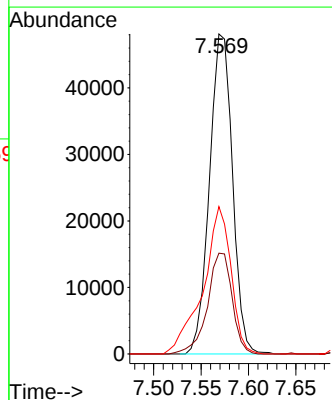
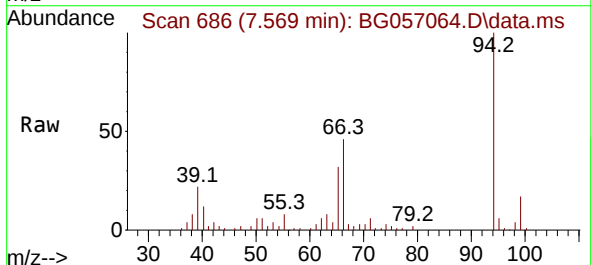
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ClientSampleId :
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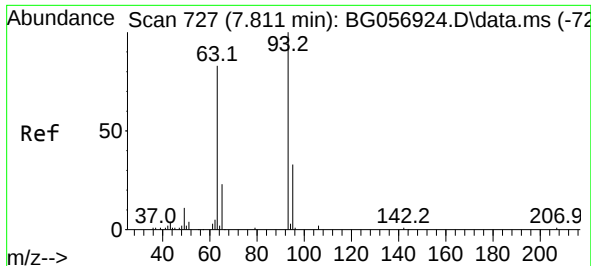
Tgt Ion: 77 Resp: 37379
Ion Ratio Lower Upper
77 100
105 89.1 73.6 113.6
106 80.3 56.7 96.7



#10
Phenol
Concen: 49.938 ng
RT: 7.569 min Scan# 686
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion: 94 Resp: 81218
Ion Ratio Lower Upper
94 100
65 31.5 13.3 53.3
66 46.1 26.7 66.7

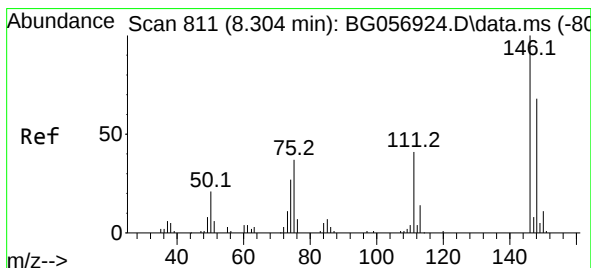
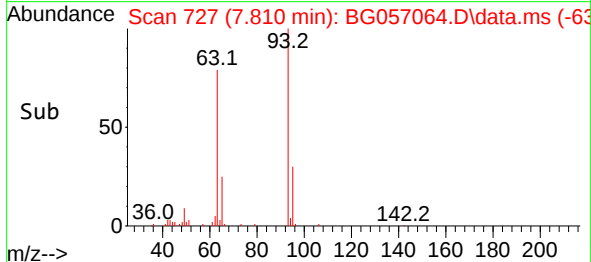
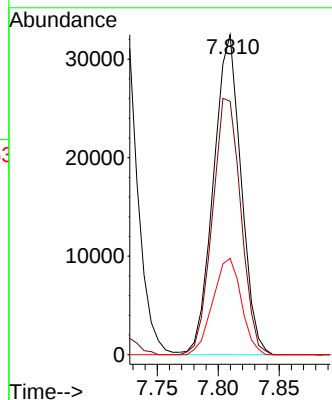
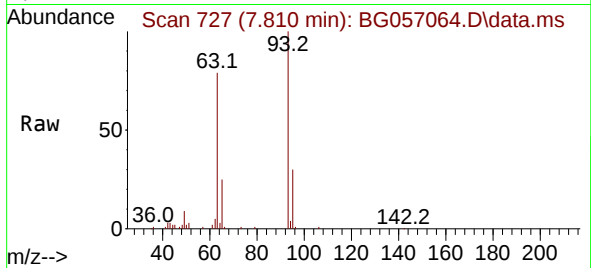




#11
bis(2-Chloroethyl)ether
Concen: 44.124 ng
RT: 7.810 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

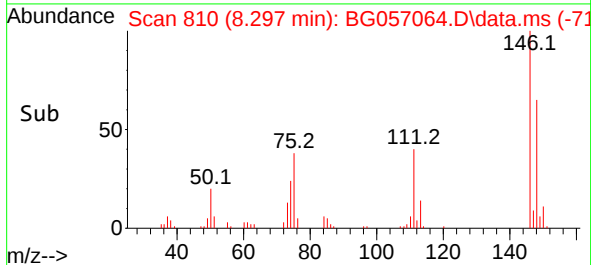
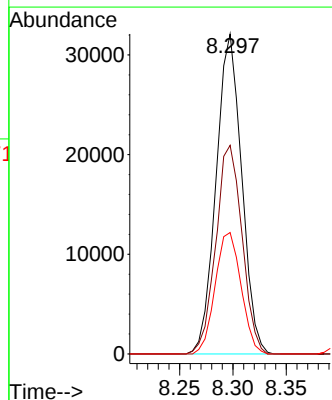
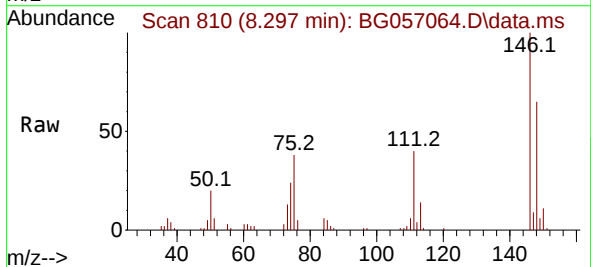
Instrument :
BNA_G
ClientSampleId :
PB152062BS

Tgt Ion: 93 Resp: 51118
Ion Ratio Lower Upper
93 100
63 79.2 62.7 102.7
95 30.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.293 ng
RT: 8.297 min Scan# 810
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion: 146 Resp: 53499
Ion Ratio Lower Upper
146 100
148 65.2 54.2 81.4
75 37.9 29.8 44.8

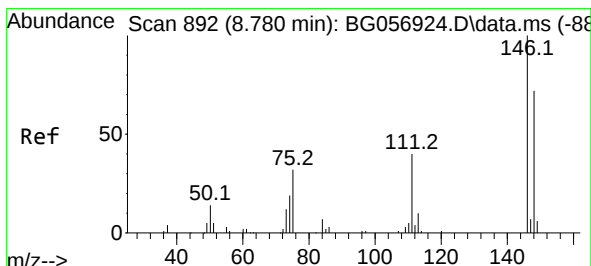
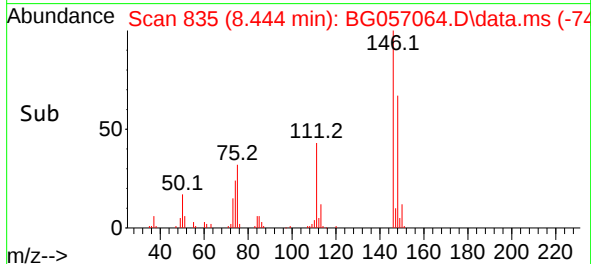
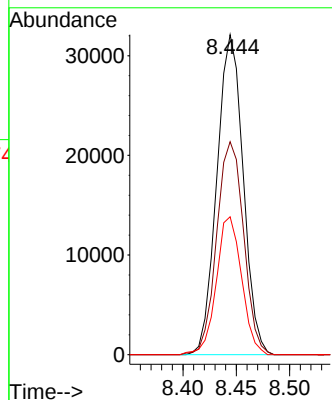
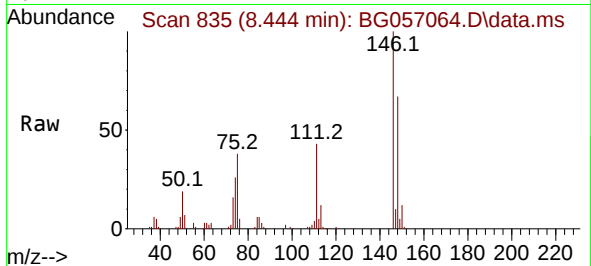




#13
1,4-Dichlorobenzene
Concen: 45.157 ng
RT: 8.444 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

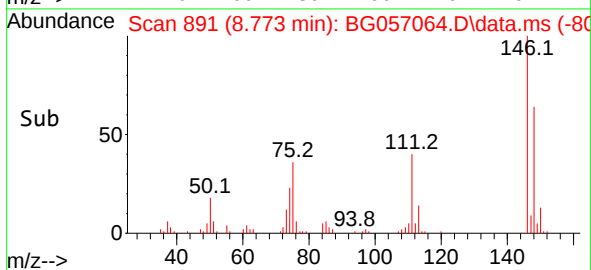
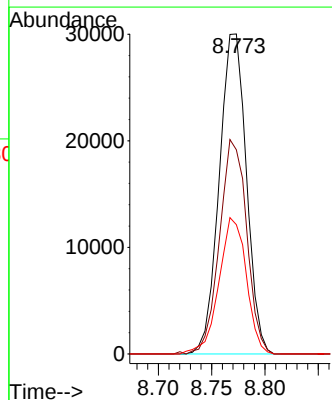
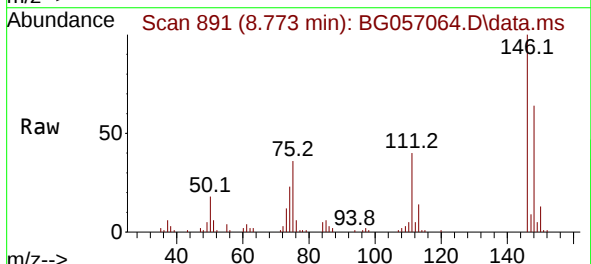
Instrument :
BNA_G
ClientSampleId :
PB152062BS

Tgt Ion:146 Resp: 55048
Ion Ratio Lower Upper
146 100
148 66.5 54.8 82.2
111 43.1 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 45.080 ng
RT: 8.773 min Scan# 891
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:146 Resp: 53093
Ion Ratio Lower Upper
146 100
148 63.8 57.4 86.0
111 40.4 33.2 49.8

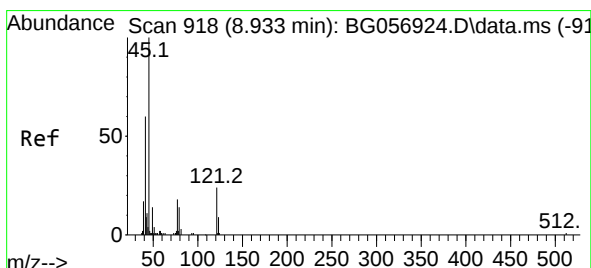
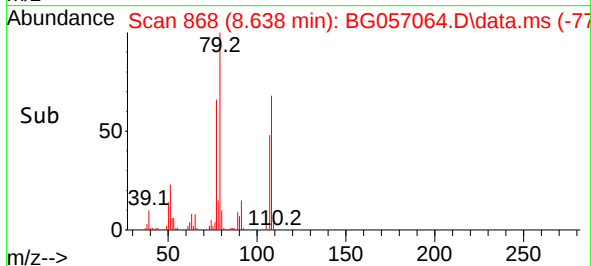
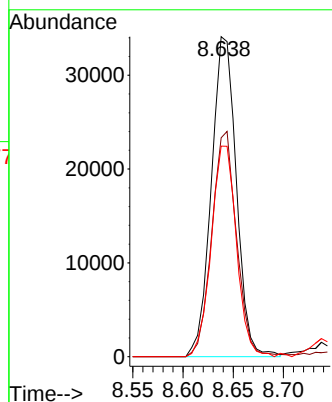
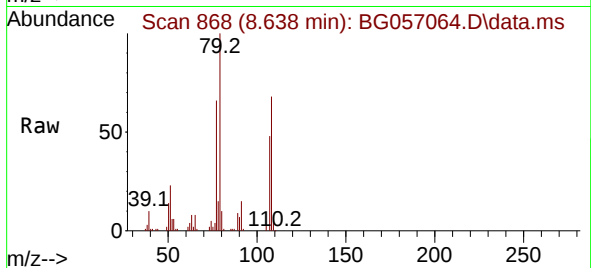




#15
Benzyl Alcohol
Concen: 43.394 ng
RT: 8.638 min Scan# 869
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

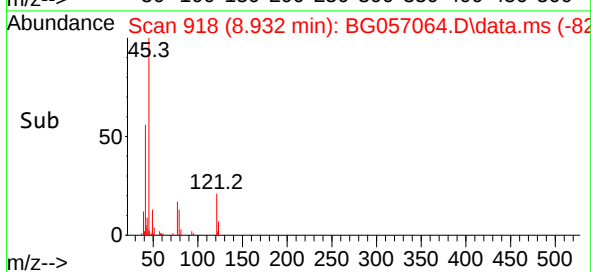
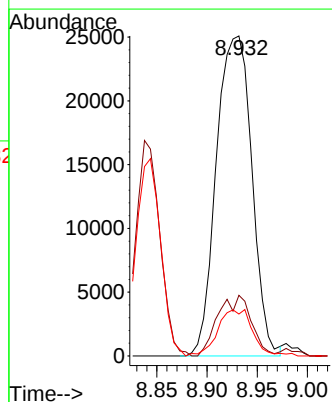
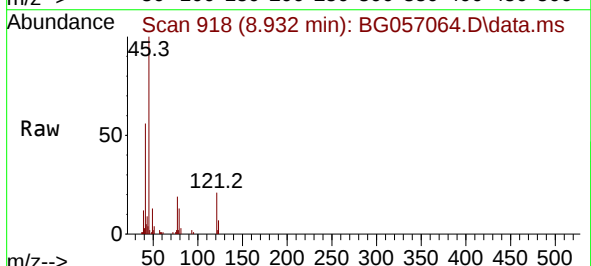
Instrument :
BNA_G
ClientSampleId :
PB152062BS

Tgt Ion: 79 Resp: 59182
Ion Ratio Lower Upper
79 100
108 68.4 51.2 76.8
77 65.8 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.232 ng
RT: 8.932 min Scan# 918
Delta R.T. 0.009 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion: 45 Resp: 61756
Ion Ratio Lower Upper
45 100
77 19.0 0.0 38.7
79 13.1 0.0 35.1

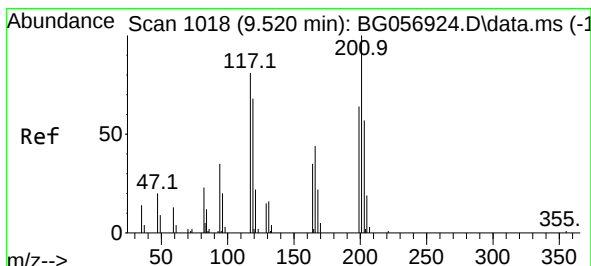
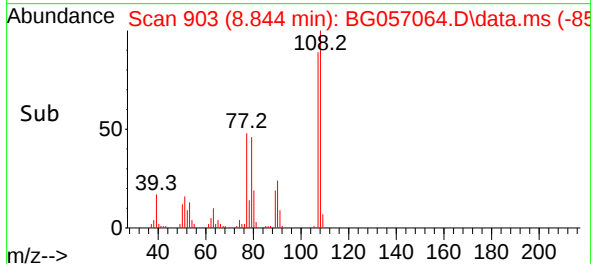
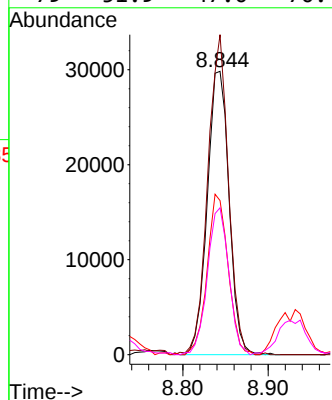
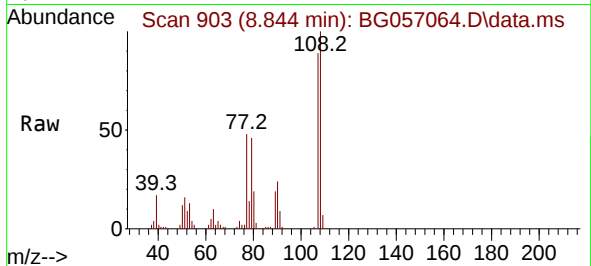




#17
2-Methylphenol
Concen: 45.814 ng
RT: 8.844 min Scan# 90
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

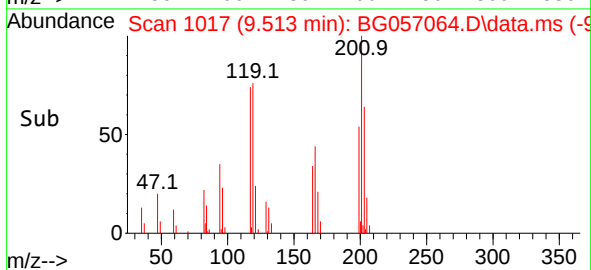
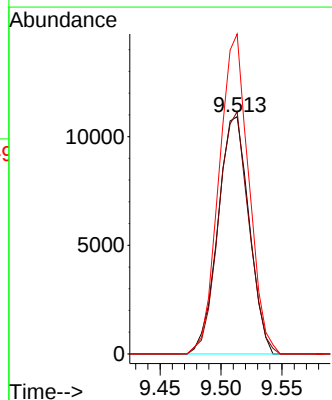
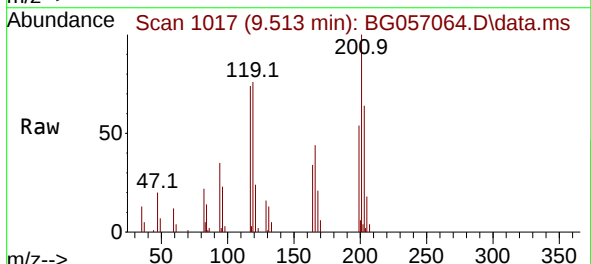
Instrument :
BNA_G
ClientSampleId :
PB152062BS

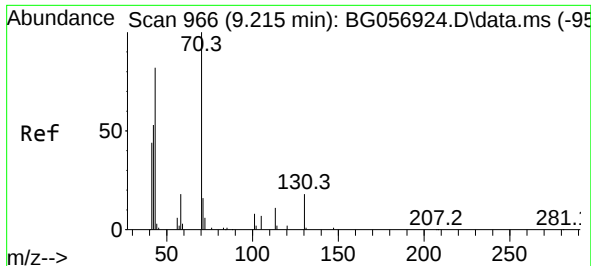
Tgt Ion:	107	Resp:	53159
Ion	Ratio	Lower	Upper
107	100		
108	113.0	96.0	144.0
77	54.4	45.6	68.4
79	51.9	47.0	70.4



#18
Hexachloroethane
Concen: 43.534 ng
RT: 9.513 min Scan# 1017
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:	117	Resp:	19397
Ion	Ratio	Lower	Upper
117	100		
119	102.1	67.0	100.6#
201	134.8	98.7	148.1

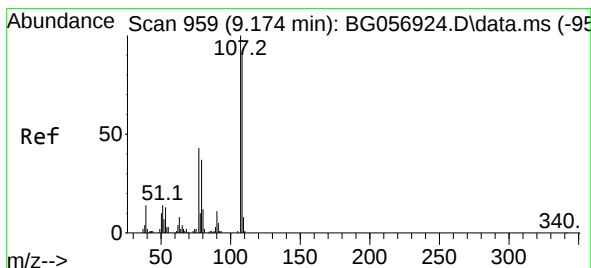
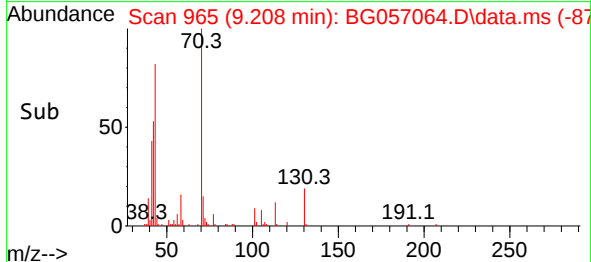
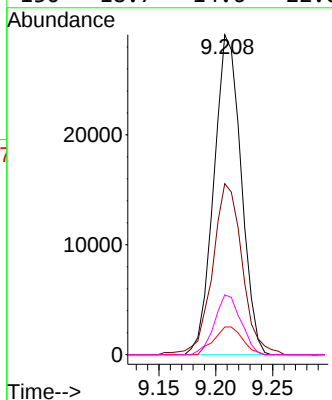
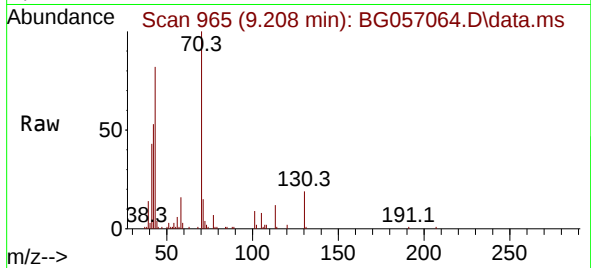




#19
n-Nitroso-di-n-propylamine
Concen: 41.325 ng
RT: 9.208 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

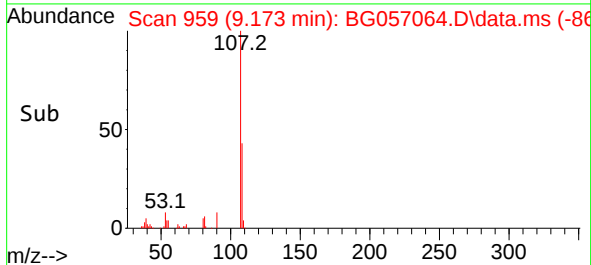
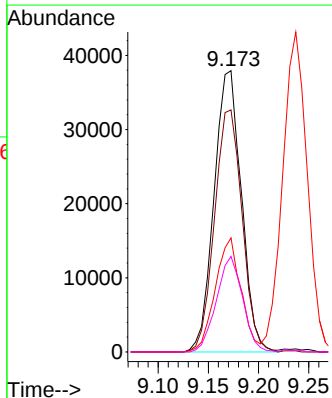
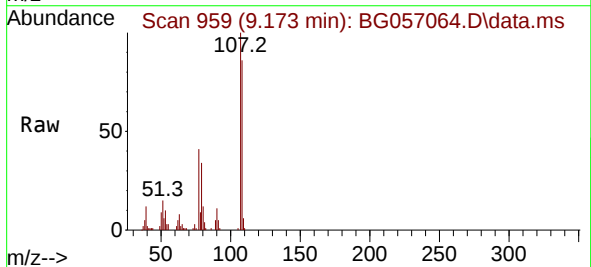
Instrument :
BNA_G
ClientSampleId :
PB152062BS

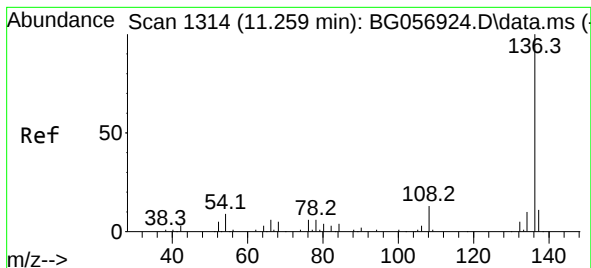
Tgt Ion: 70 Resp: 48516
Ion Ratio Lower Upper
70 100
42 53.4 43.4 65.0
101 8.7 6.2 9.2
130 18.7 14.6 22.0



#20
3+4-Methylphenols
Concen: 44.185 ng
RT: 9.173 min Scan# 959
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion: 107 Resp: 71691
Ion Ratio Lower Upper
107 100
108 86.0 69.9 109.9
77 40.6 22.7 62.7
79 33.9 16.5 56.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.252 min Scan# 11

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

Tgt Ion:136 Resp: 73143

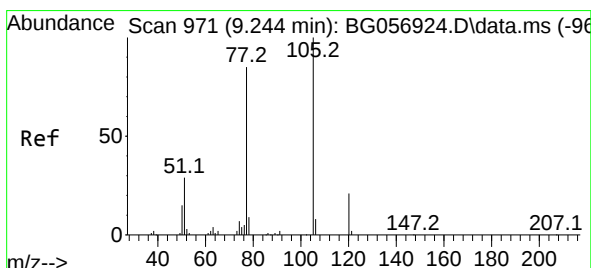
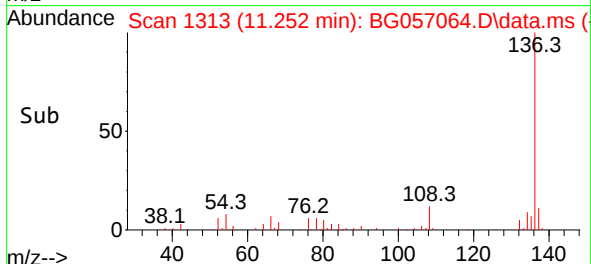
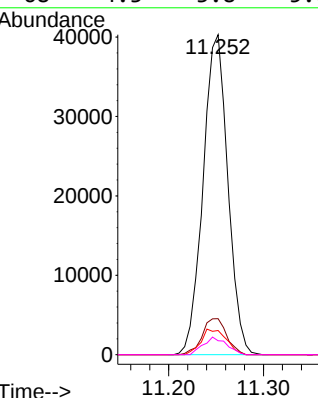
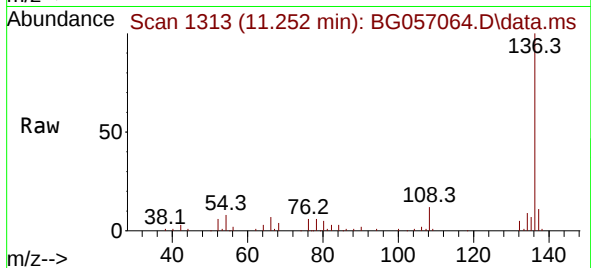
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 7.5 6.9 10.3

68 4.3 3.8 5.6



#22

Acetophenone

Concen: 40.663 ng

RT: 9.237 min Scan# 970

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Tgt Ion:105 Resp: 88502

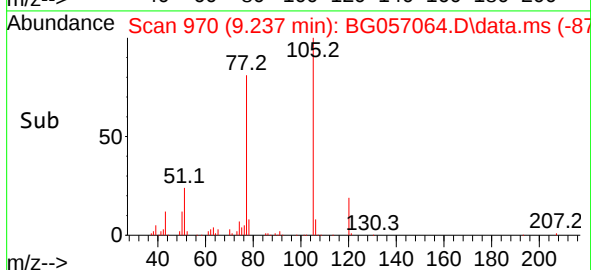
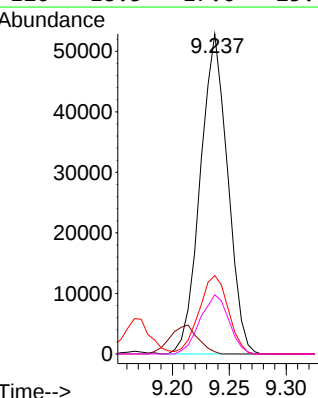
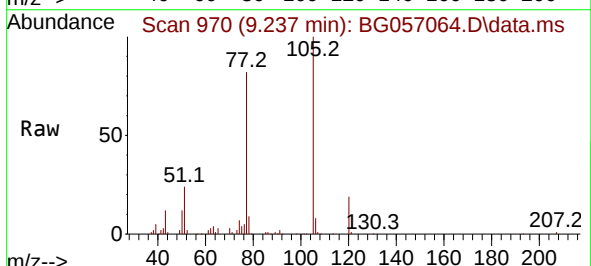
Ion Ratio Lower Upper

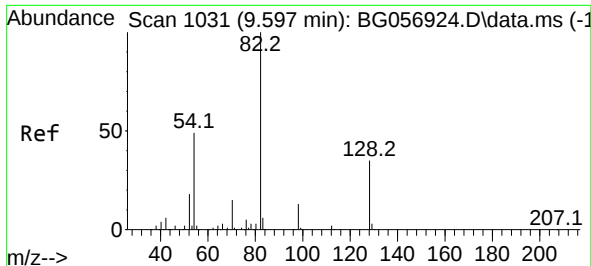
105 100

71 0.7 0.7 1.1#

51 24.5 23.8 35.8

120 18.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 65.091 ng

RT: 9.590 min Scan# 1030

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

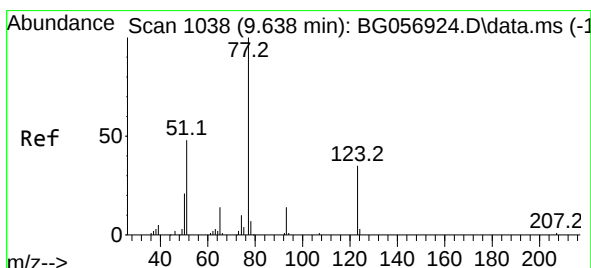
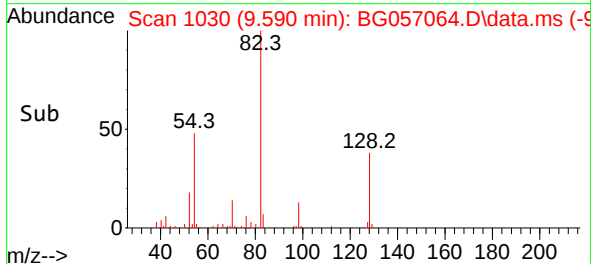
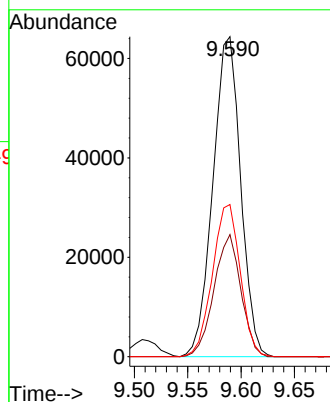
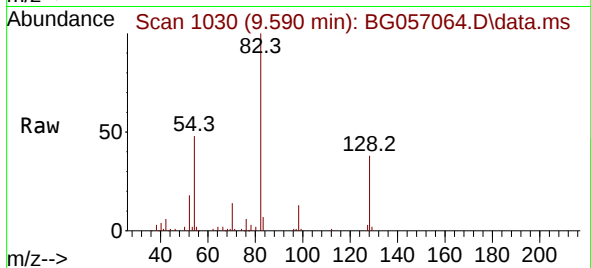
Tgt Ion: 82 Resp: 116354

Ion Ratio Lower Upper

82 100

128 38.2 27.9 41.9

54 47.5 39.4 59.2



#24

Nitrobenzene

Concen: 39.862 ng

RT: 9.631 min Scan# 1037

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

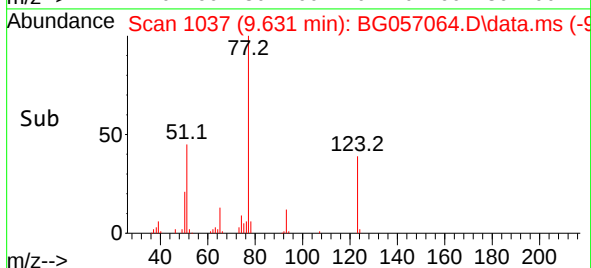
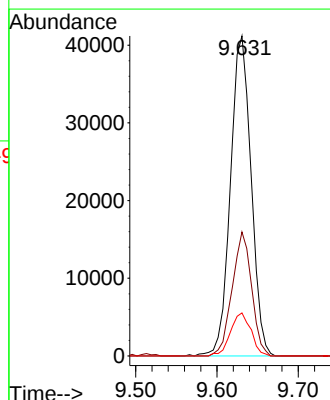
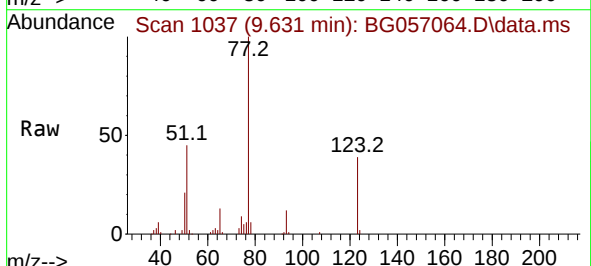
Tgt Ion: 77 Resp: 72852

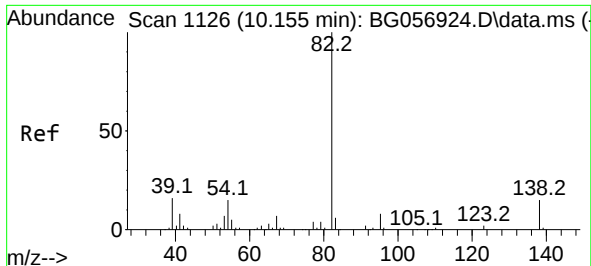
Ion Ratio Lower Upper

77 100

123 38.8 27.6 41.4

65 13.5 11.5 17.3

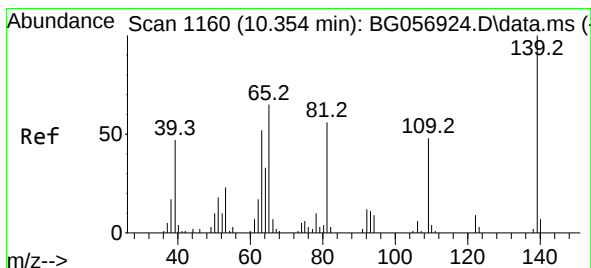
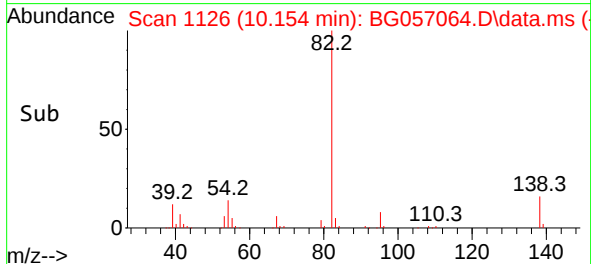
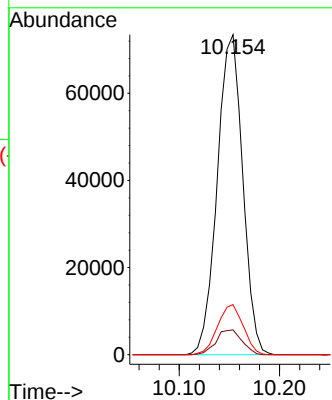
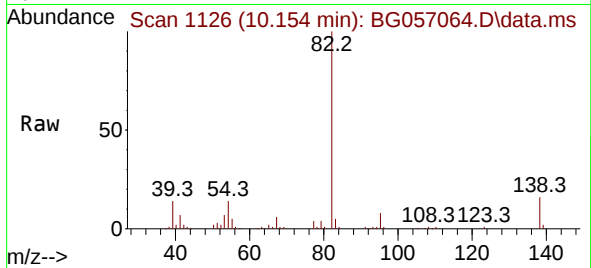




#25
Isophorone
Concen: 38.019 ng
RT: 10.154 min Scan# 1126
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

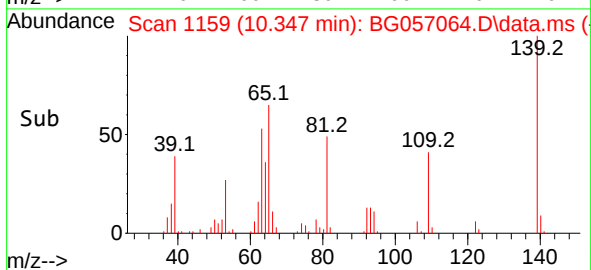
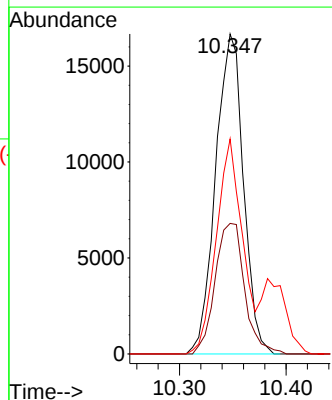
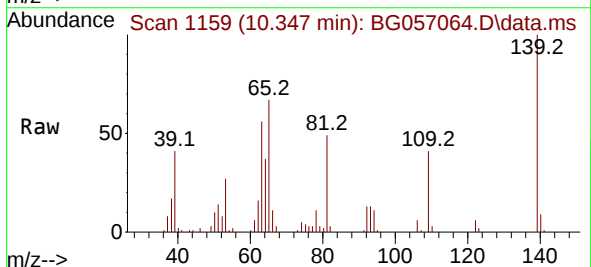
Instrument :
BNA_G
ClientSampleId :
PB152062BS

Tgt Ion: 82 Resp: 129415
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 15.7 11.8 17.8



#26
2-Nitrophenol
Concen: 42.759 ng
RT: 10.347 min Scan# 1159
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion: 139 Resp: 30163
Ion Ratio Lower Upper
139 100
109 40.8 38.2 57.4
65 67.2 51.8 77.8

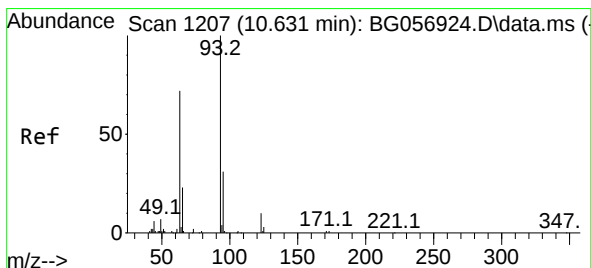
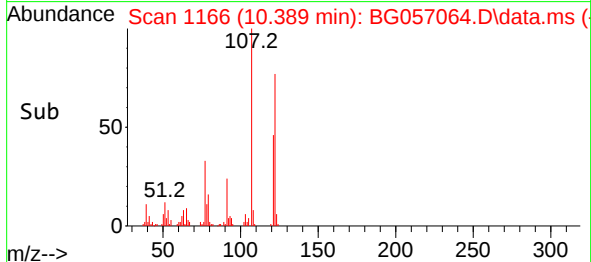
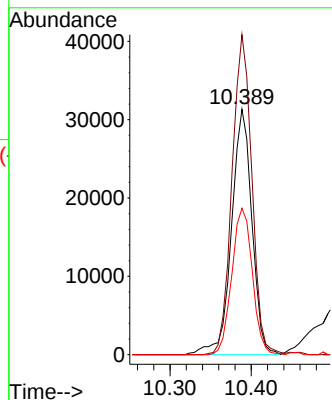
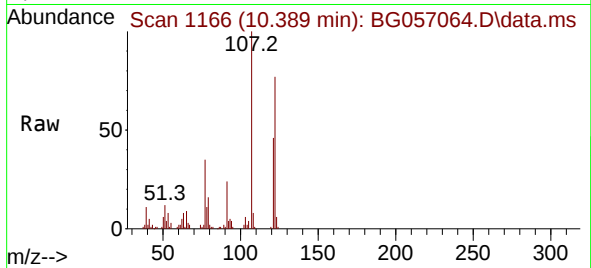




#27
2,4-Dimethylphenol
Concen: 43.838 ng
RT: 10.389 min Scan# 1166
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

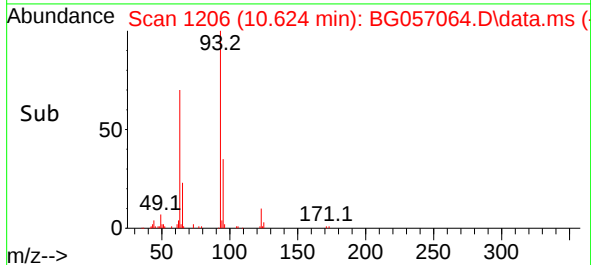
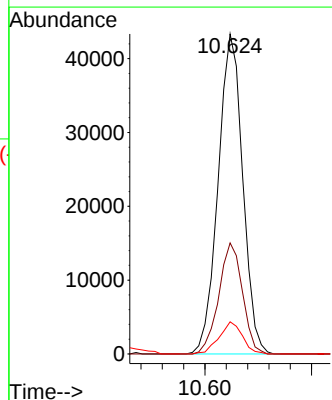
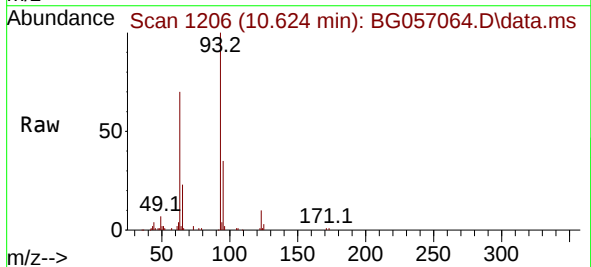
Instrument :
BNA_G
ClientSampleId :
PB152062BS

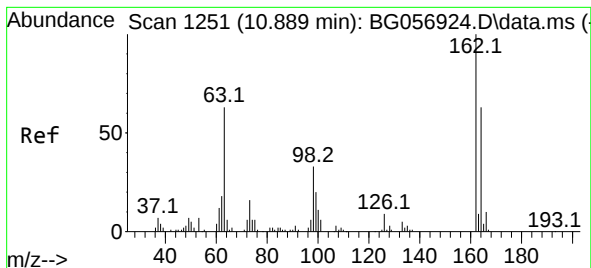
Tgt Ion:122 Resp: 54600
Ion Ratio Lower Upper
122 100
107 130.4 105.7 158.5
121 59.7 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.650 ng
RT: 10.624 min Scan# 1206
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion: 93 Resp: 69274
Ion Ratio Lower Upper
93 100
95 34.7 24.6 37.0
123 10.0 7.8 11.6

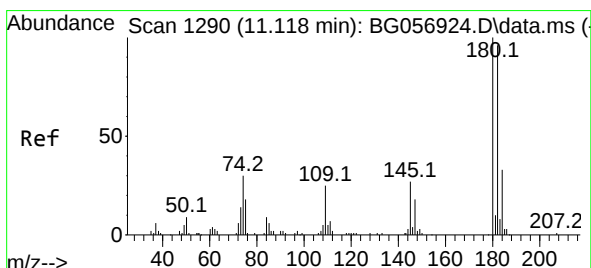
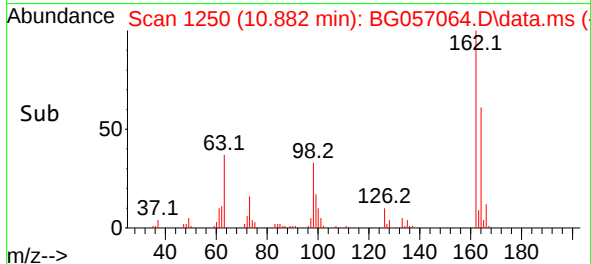
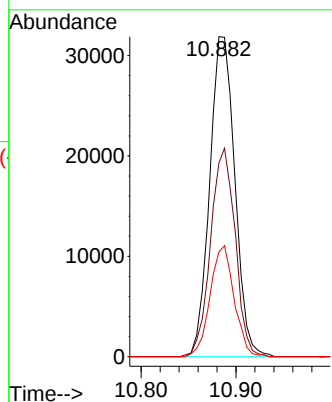
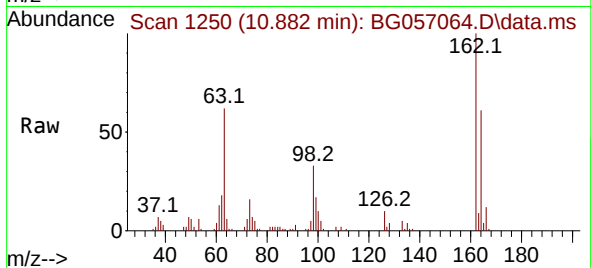




#29
2,4-Dichlorophenol
Concen: 43.994 ng
RT: 10.882 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

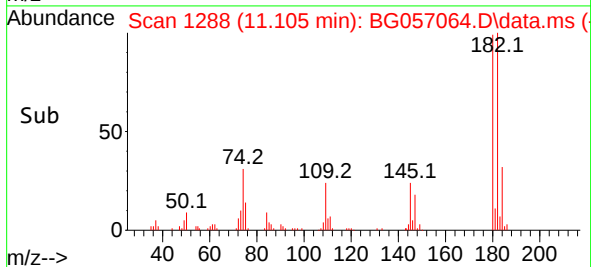
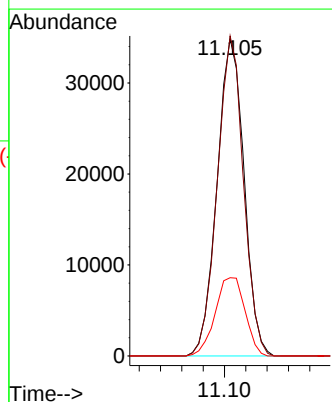
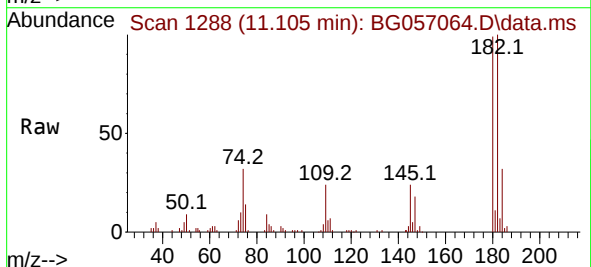
Instrument :
BNA_G
ClientSampleId :
PB152062BS

Tgt Ion:162 Resp: 58929
Ion Ratio Lower Upper
162 100
164 60.5 43.4 83.4
98 32.8 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 42.982 ng
RT: 11.105 min Scan# 1288
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:180 Resp: 61174
Ion Ratio Lower Upper
180 100
182 100.8 77.1 115.7
145 24.7 21.3 31.9

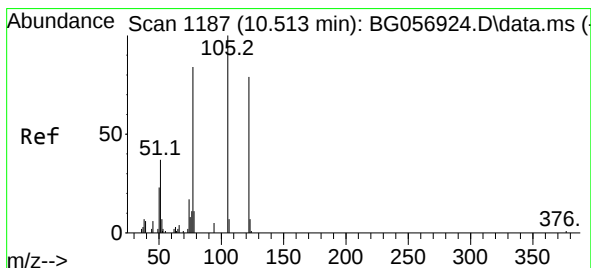
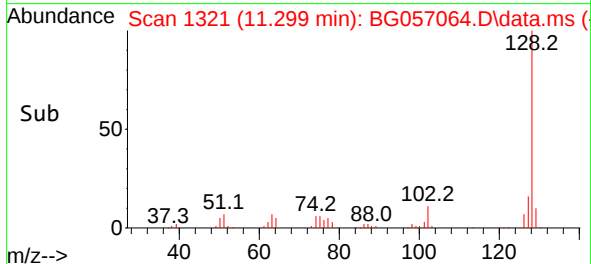
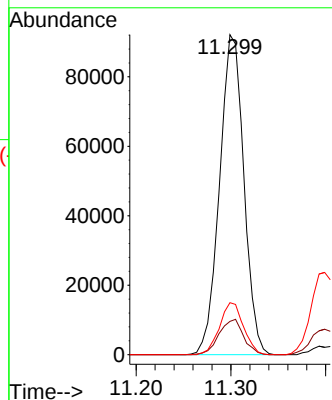
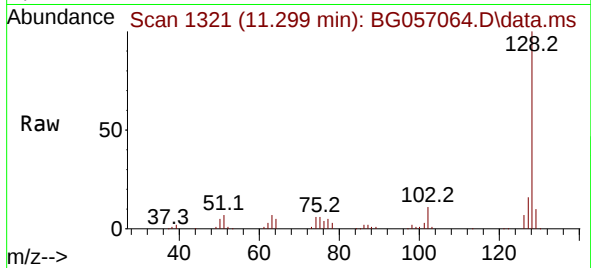




#31
Naphthalene
Concen: 41.124 ng
RT: 11.299 min Scan# 1191
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

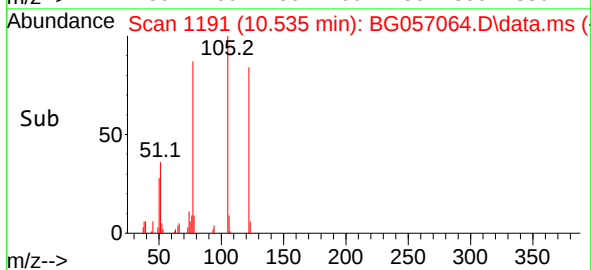
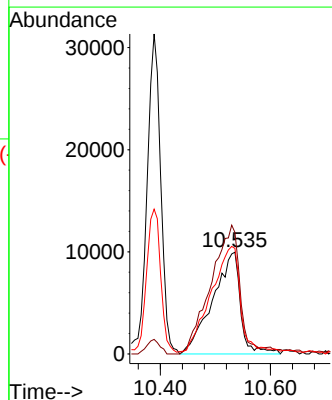
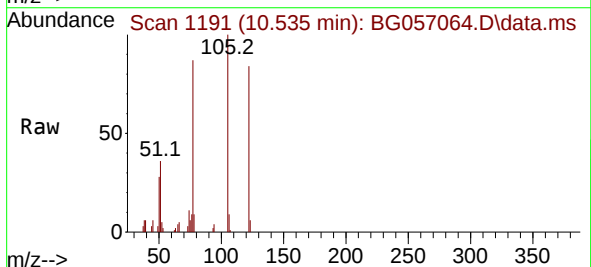
Instrument :
BNA_G
ClientSampleId :
PB152062BS

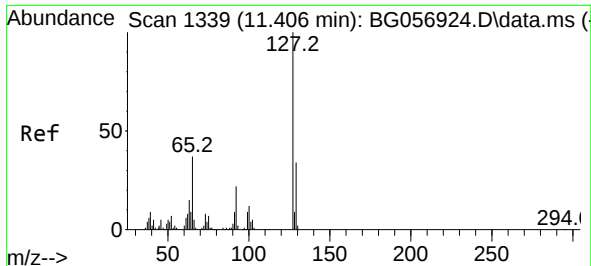
Tgt Ion:128 Resp: 163953
Ion Ratio Lower Upper
128 100
129 10.4 9.4 14.2
127 16.3 12.2 18.4



#32
Benzoic acid
Concen: 41.003 ng
RT: 10.535 min Scan# 1191
Delta R.T. 0.027 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:122 Resp: 35080
Ion Ratio Lower Upper
122 100
105 119.6 105.4 145.4
77 103.8 87.4 127.4

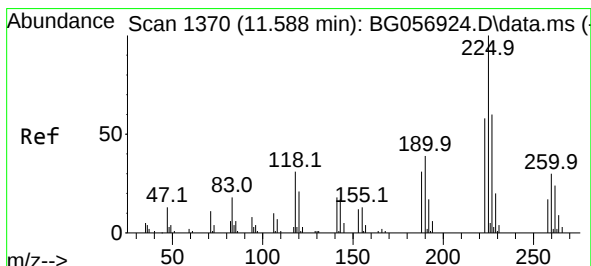
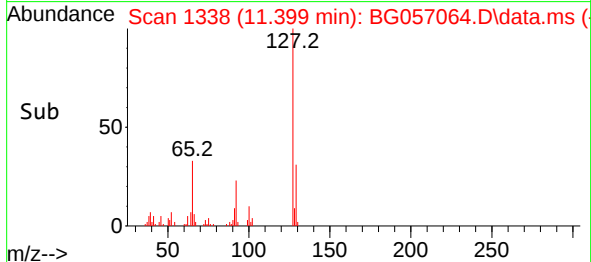
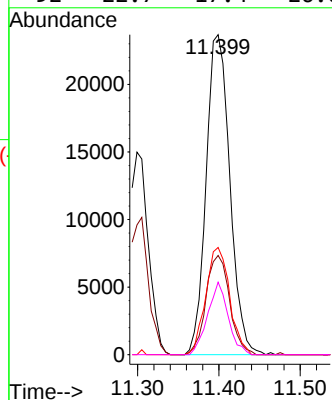
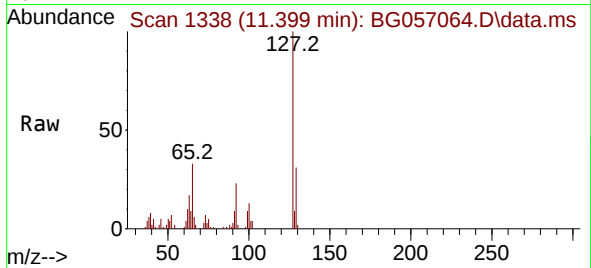




#33
4-Chloroaniline
Concen: 26.688 ng
RT: 11.399 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

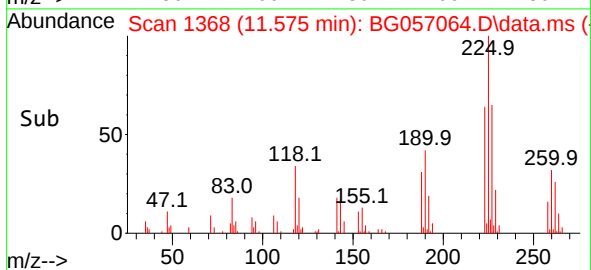
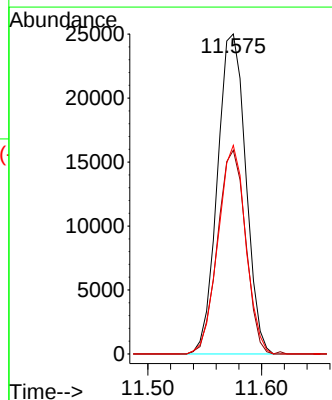
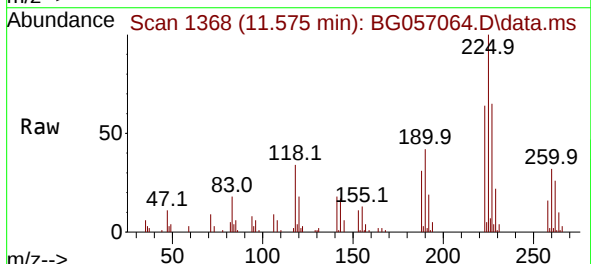
Instrument :
BNA_G
ClientSampleId :
PB152062BS

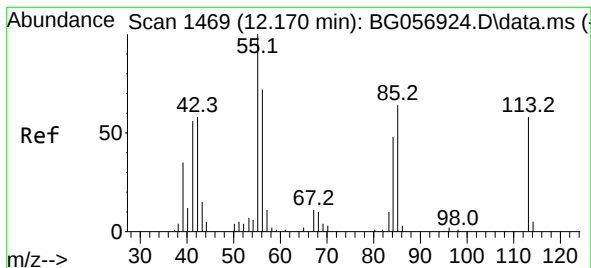
Tgt Ion:	127	Resp:	48054
Ion Ratio	Lower	Upper	
127	100		
129	31.0	27.6	41.4
65	33.5	29.8	44.8
92	22.7	17.4	26.0



#34
Hexachlorobutadiene
Concen: 40.426 ng
RT: 11.575 min Scan# 1368
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:	225	Resp:	43220
Ion Ratio	Lower	Upper	
225	100		
223	63.6	46.4	69.6
227	65.2	48.0	72.0

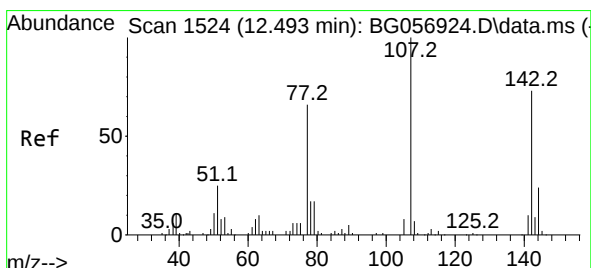
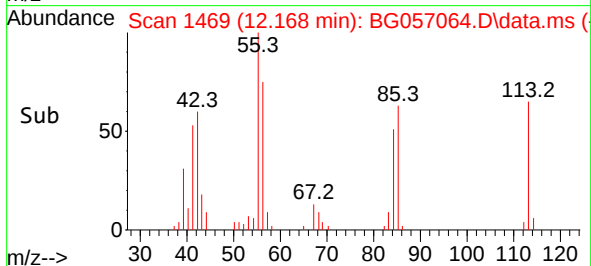
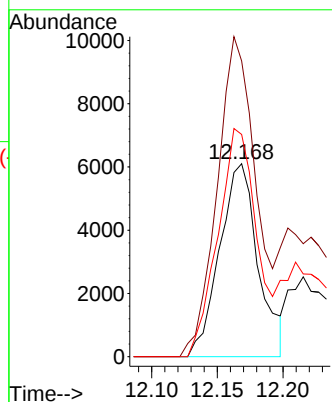
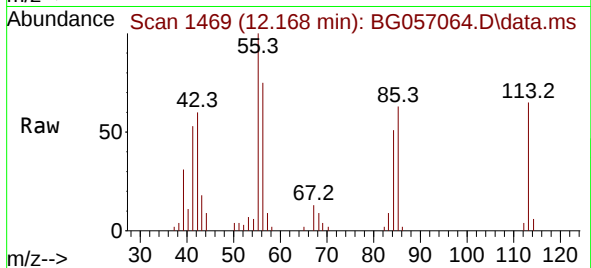




#35
 Caprolactam
 Concen: 26.930 ng
 RT: 12.168 min Scan# 1469
 Delta R.T. 0.004 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54

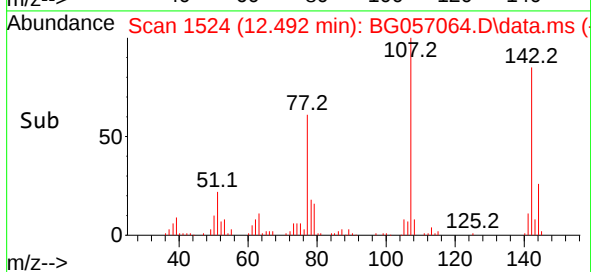
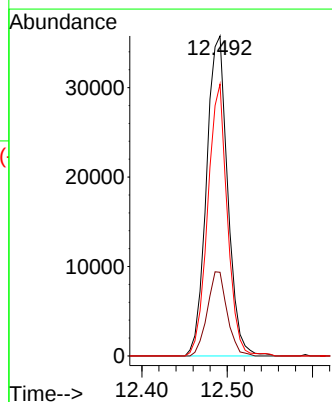
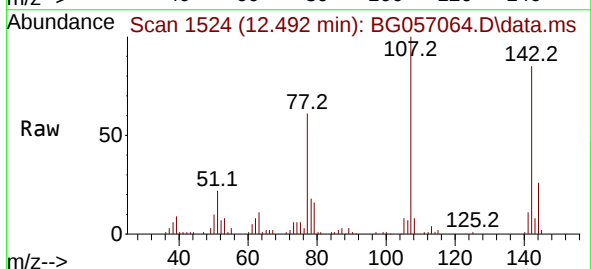
Instrument :
 BNA_G
 ClientSampleId :
 PB152062BS

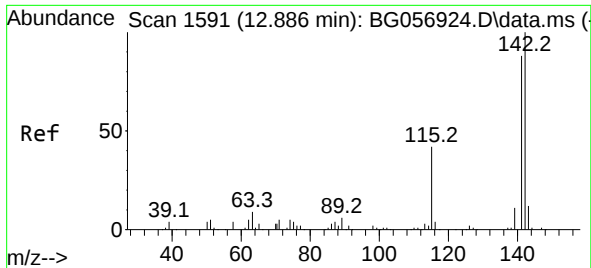
Tgt Ion:113 Resp: 12440
 Ion Ratio Lower Upper
 113 100
 55 153.2 151.6 191.6
 56 115.1 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.213 ng
 RT: 12.492 min Scan# 1524
 Delta R.T. 0.004 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54

Tgt Ion:107 Resp: 61735
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.0 28.4
 142 85.0 58.6 88.0

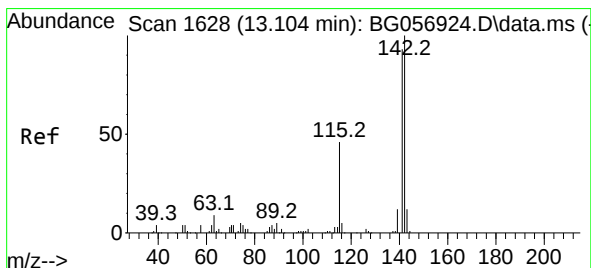
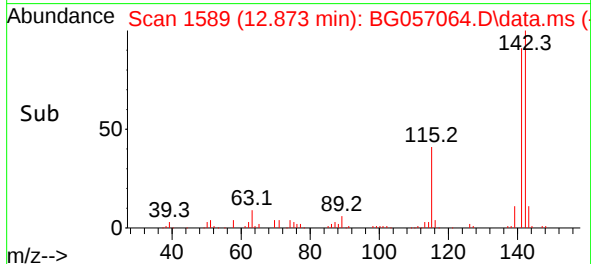
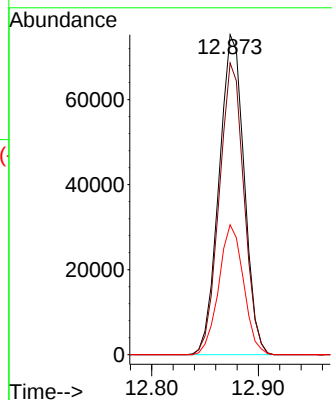
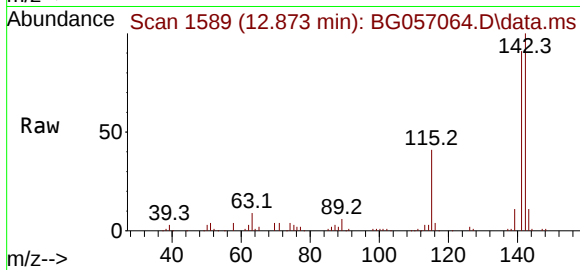




#37
2-Methylnaphthalene
Concen: 38.889 ng
RT: 12.873 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

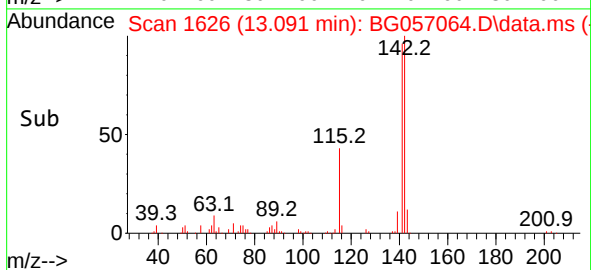
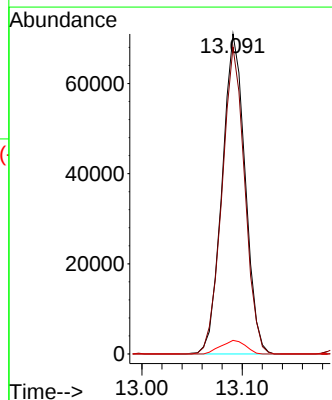
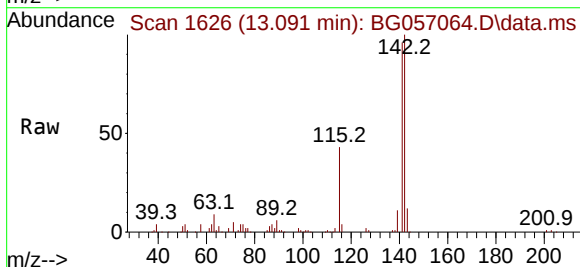
Instrument :
BNA_G
ClientSampleId :
PB152062BS

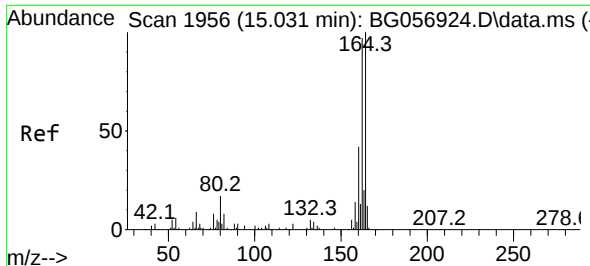
Tgt Ion:142 Resp: 123053
Ion Ratio Lower Upper
142 100
141 91.2 70.3 105.5
115 40.6 33.5 50.3



#38
1-Methylnaphthalene
Concen: 37.862 ng
RT: 13.091 min Scan# 1626
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:142 Resp: 112495
Ion Ratio Lower Upper
142 100
141 95.9 74.0 111.0
116 4.3 3.7 5.5

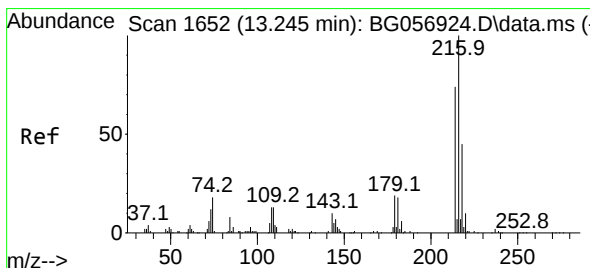
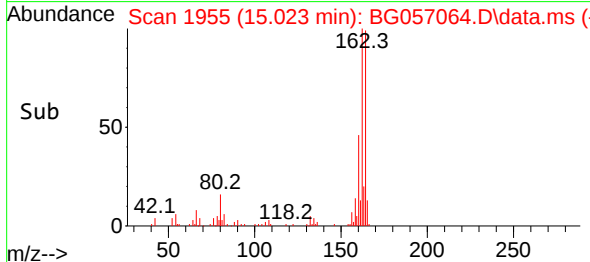
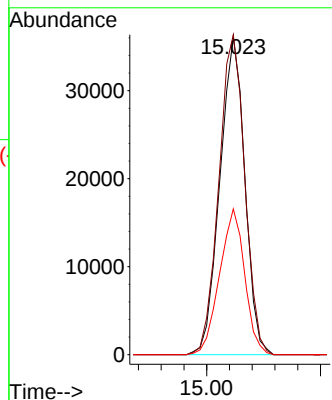
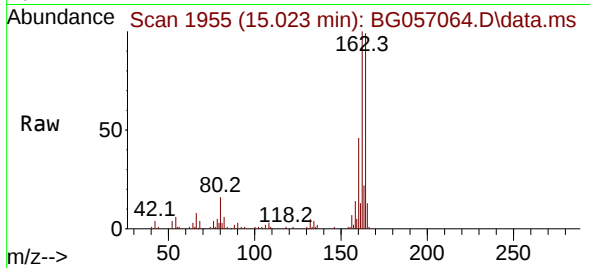




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.023 min Scan# 1955
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

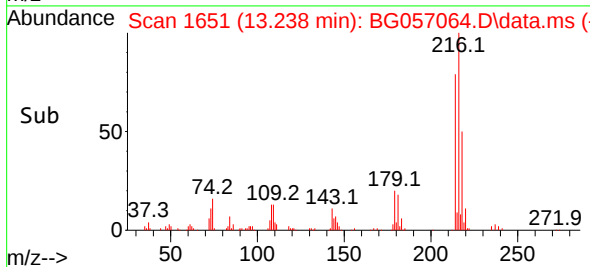
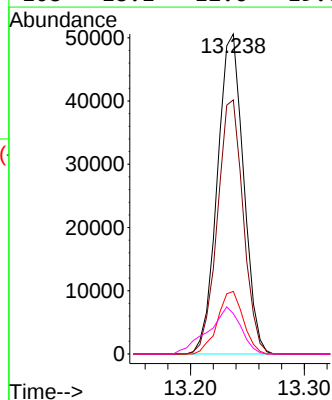
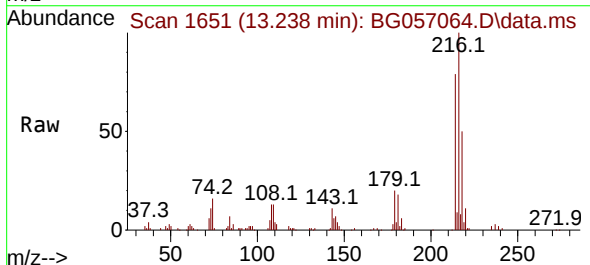
Instrument :
BNA_G
ClientSampleId :
PB152062BS

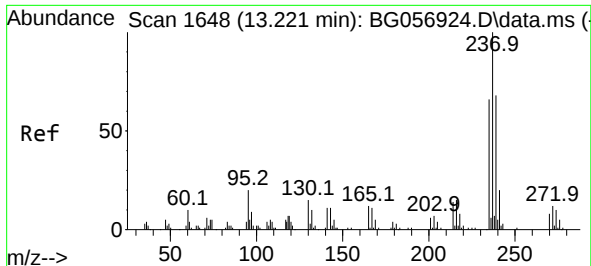
Tgt Ion:164 Resp: 54877
Ion Ratio Lower Upper
164 100
162 100.7 77.8 116.8
160 45.9 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.536 ng
RT: 13.238 min Scan# 1651
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

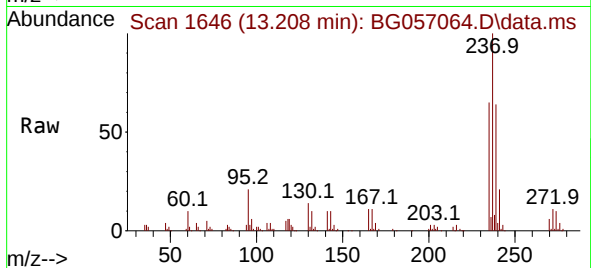
Tgt Ion:216 Resp: 80945
Ion Ratio Lower Upper
216 100
214 78.3 63.3 94.9
179 19.2 15.0 22.6
108 18.1 12.6 19.0



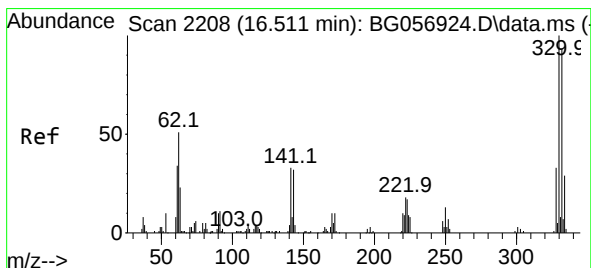
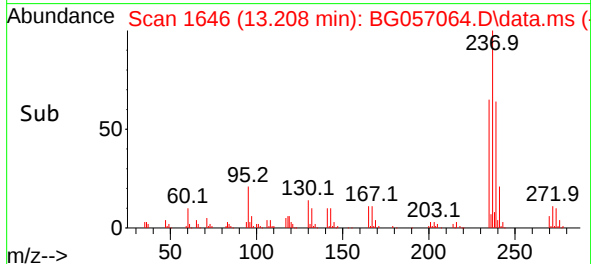
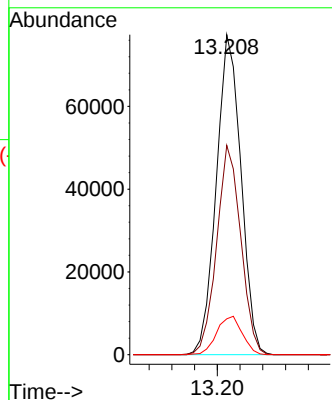


#41
Hexachlorocyclopentadiene
Concen: 111.156 ng
RT: 13.208 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :
BNA_G
ClientSampleId :
PB152062BS

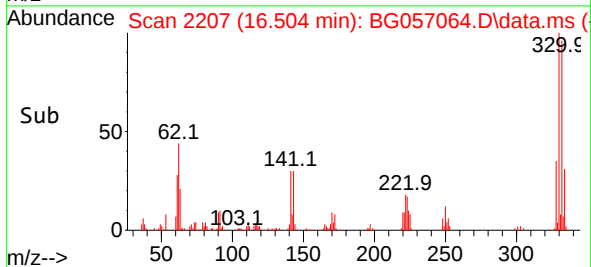
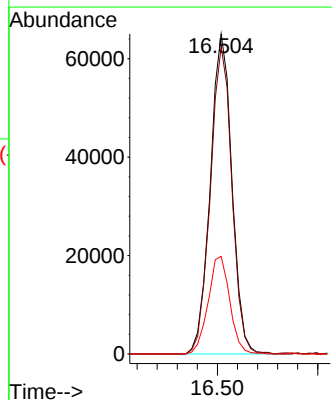
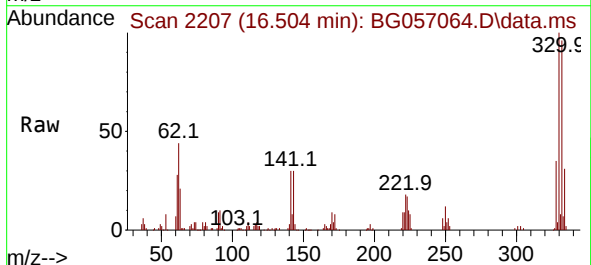


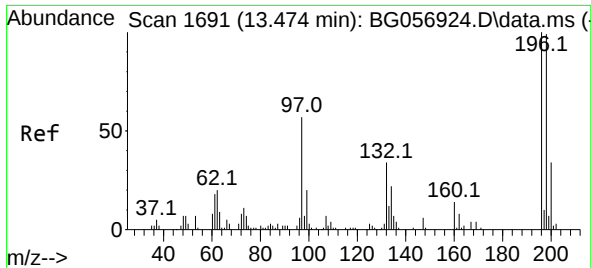
Tgt Ion:237 Resp: 116546
Ion Ratio Lower Upper
237 100
235 65.4 45.9 85.9
272 11.2 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 110.920 ng
RT: 16.504 min Scan# 2207
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:330 Resp: 97241
Ion Ratio Lower Upper
330 100
332 95.5 76.1 114.1
141 30.5 25.8 38.6

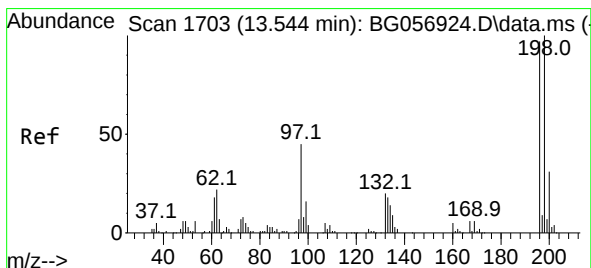
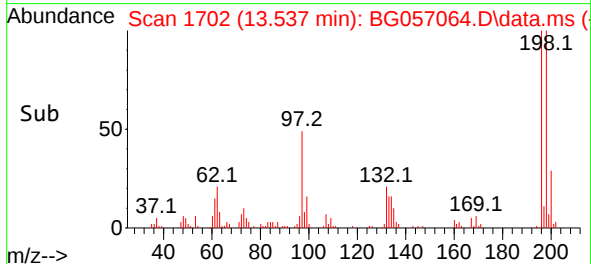
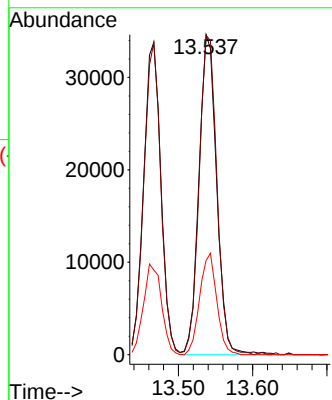
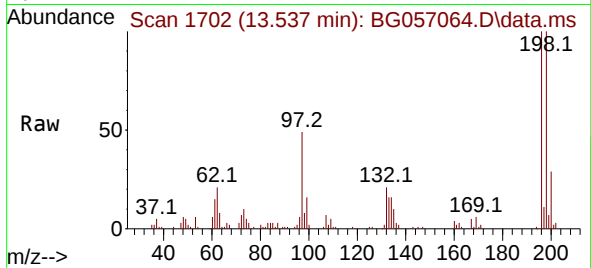




#43
2,4,6-Trichlorophenol
Concen: 47.434 ng
RT: 13.537 min Scan# 1702
Delta R.T. 0.074 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

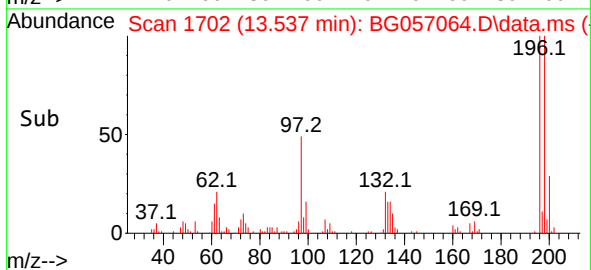
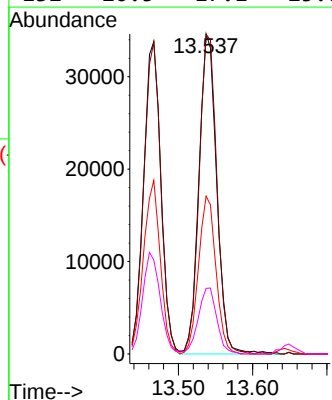
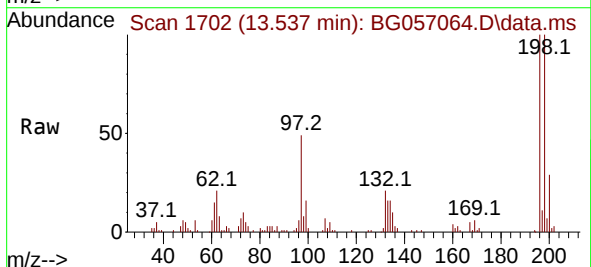
Instrument :
BNA_G
ClientSampleId :
PB152062BS

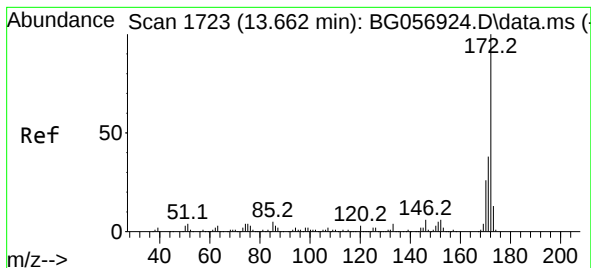
Tgt Ion:196 Resp: 57602
Ion Ratio Lower Upper
196 100
198 99.9 79.1 118.7
200 29.4 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 40.040 ng
RT: 13.537 min Scan# 1702
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:196 Resp: 57602
Ion Ratio Lower Upper
196 100
198 99.9 82.5 123.7
97 49.3 37.0 55.6
132 20.5 17.1 25.7





#45

2-Fluorobiphenyl

Concen: 67.453 ng

RT: 13.649 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

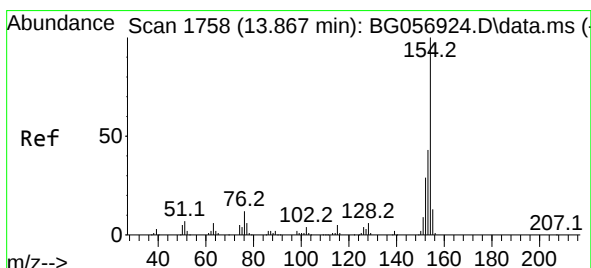
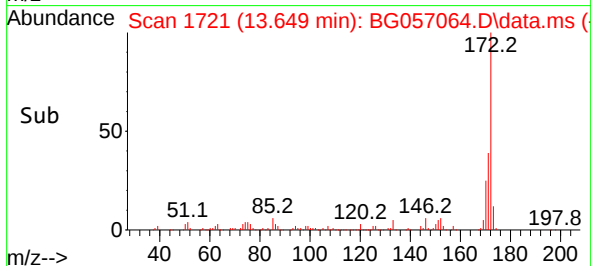
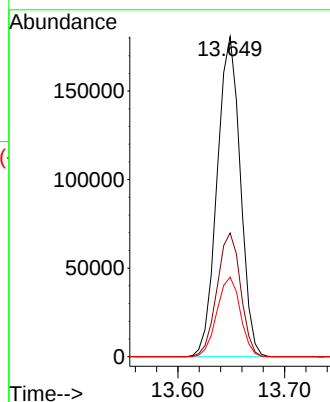
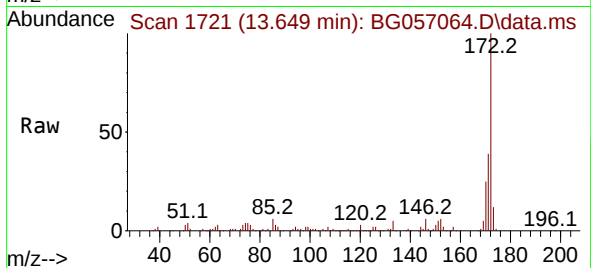
Tgt Ion:172 Resp: 272977

Ion Ratio Lower Upper

172 100

171 38.6 30.6 46.0

170 24.8 20.6 30.8



#46

1,1'-Biphenyl

Concen: 43.588 ng

RT: 13.860 min Scan# 1757

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

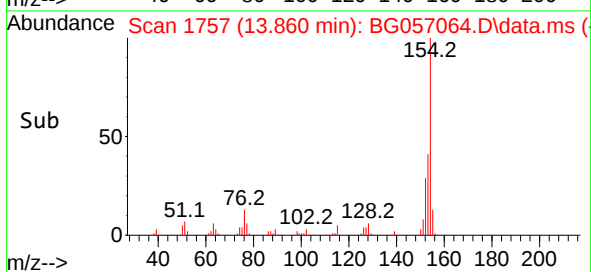
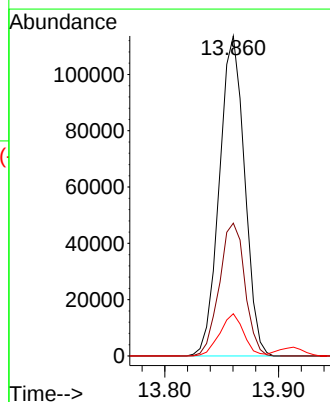
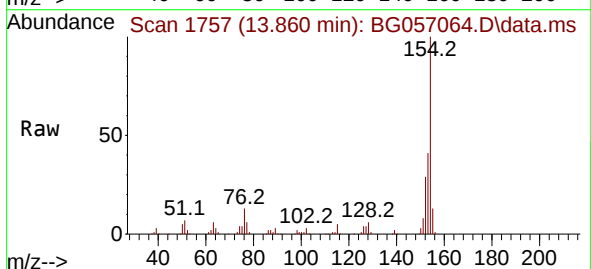
Tgt Ion:154 Resp: 175099

Ion Ratio Lower Upper

154 100

153 41.5 23.4 63.4

76 13.2 0.0 31.6

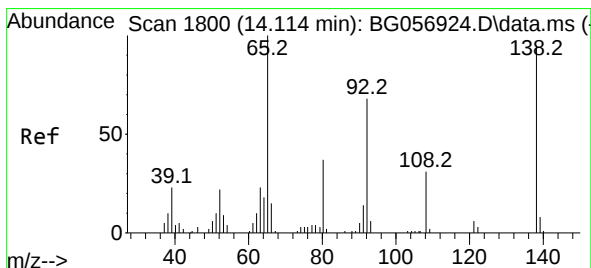
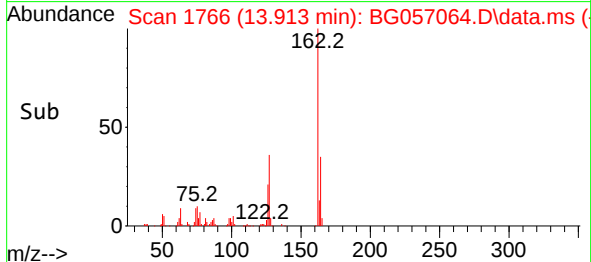
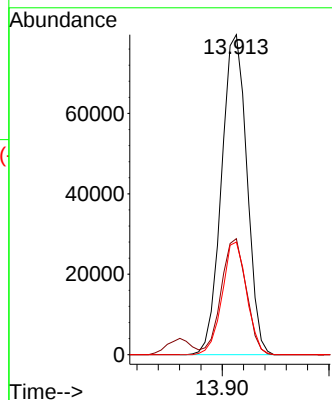
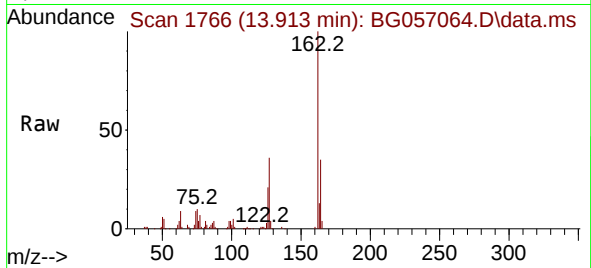




#47
2-Chloronaphthalene
Concen: 44.294 ng
RT: 13.913 min Scan# 1766
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

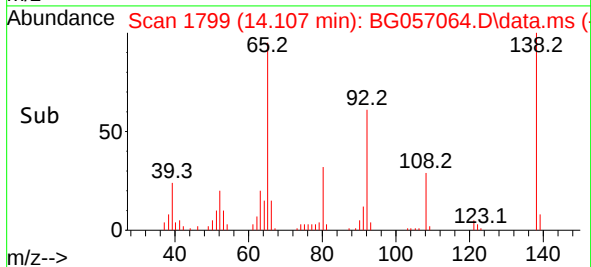
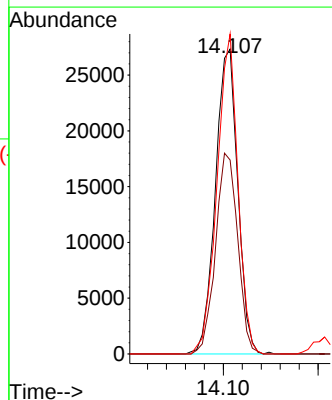
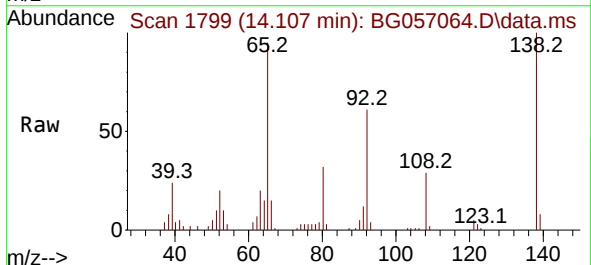
Instrument :
BNA_G
ClientSampleId :
PB152062BS

Tgt Ion:162 Resp: 131602
Ion Ratio Lower Upper
162 100
127 36.3 29.5 44.3
164 35.2 25.5 38.3



#48
2-Nitroaniline
Concen: 42.124 ng
RT: 14.107 min Scan# 1799
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion: 65 Resp: 44751
Ion Ratio Lower Upper
65 100
92 63.6 54.3 81.5
138 104.9 76.0 114.0

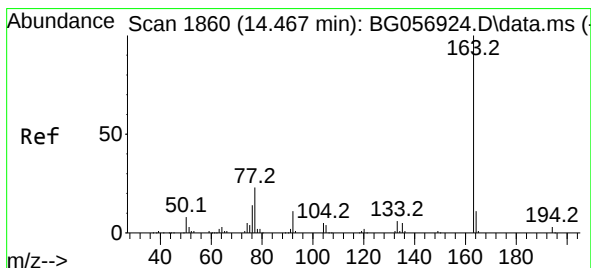
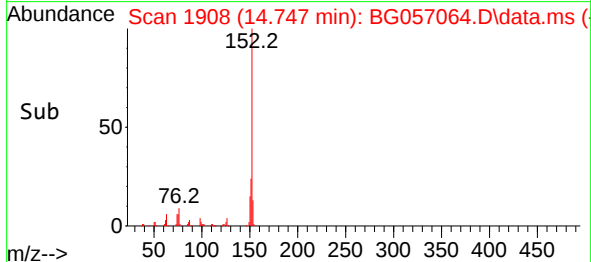
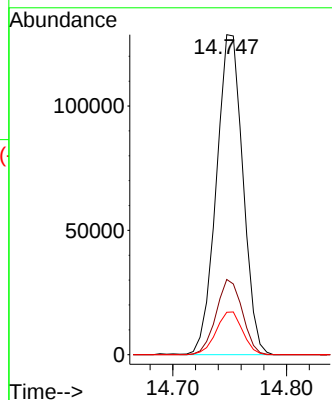
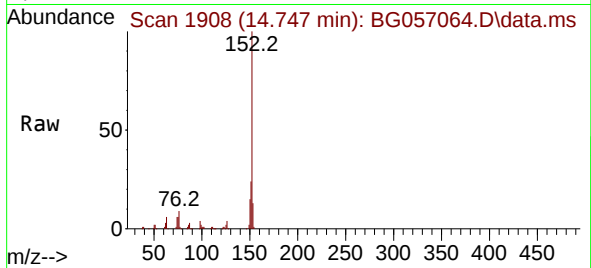




#49
Acenaphthylene
Concen: 42.792 ng
RT: 14.747 min Scan# 1910
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

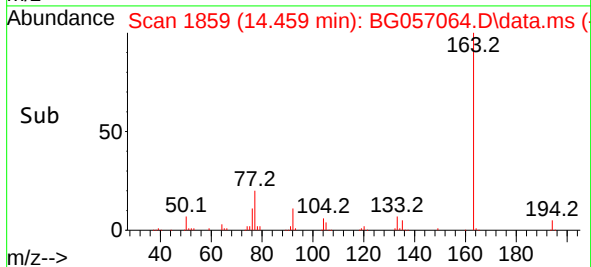
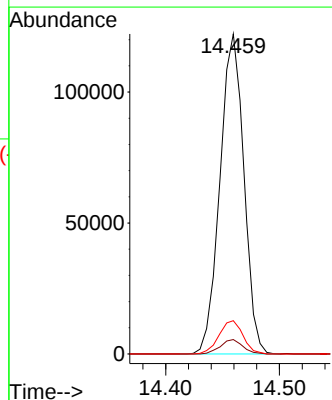
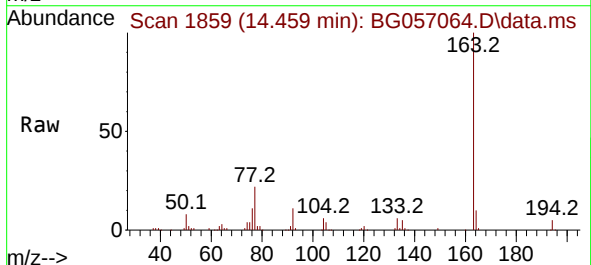
Instrument :
BNA_G
ClientSampleId :
PB152062BS

Tgt Ion:152 Resp: 208890
Ion Ratio Lower Upper
152 100
151 23.5 18.2 27.2
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 41.269 ng
RT: 14.459 min Scan# 1859
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:163 Resp: 178446
Ion Ratio Lower Upper
163 100
194 4.5 2.8 4.2#
164 10.4 8.8 13.2

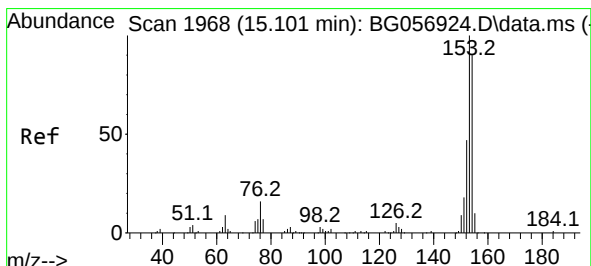
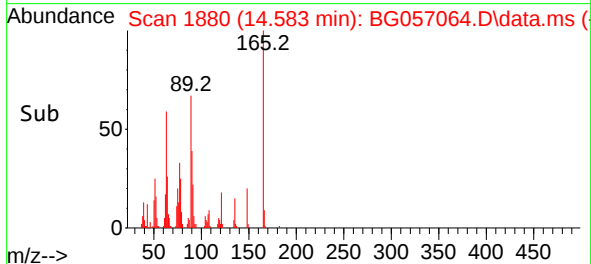
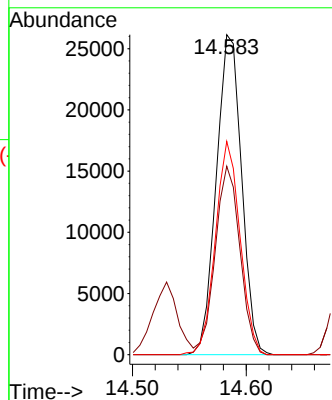
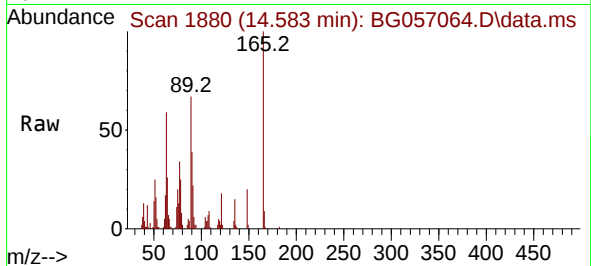




#51
2,6-Dinitrotoluene
Concen: 43.288 ng
RT: 14.583 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

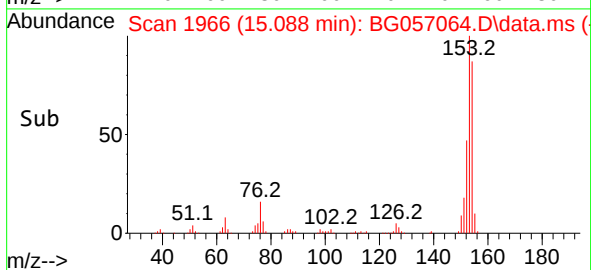
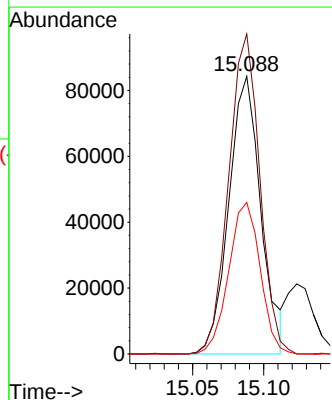
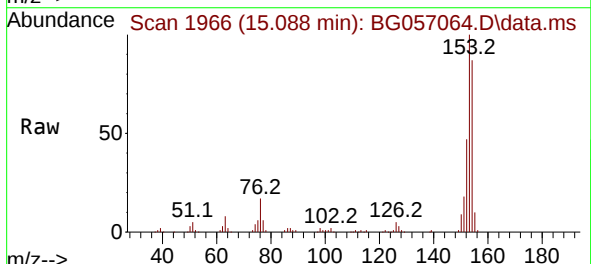
Instrument :
BNA_G
ClientSampleId :
PB152062BS

Tgt Ion:165 Resp: 40441
Ion Ratio Lower Upper
165 100
63 58.9 53.0 79.6
89 66.6 51.0 76.4



#52
Acenaphthene
Concen: 39.271 ng
RT: 15.088 min Scan# 1966
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:154 Resp: 132211
Ion Ratio Lower Upper
154 100
153 115.3 88.9 133.3
152 54.6 41.8 62.8

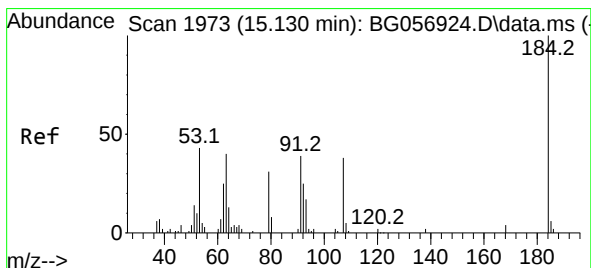
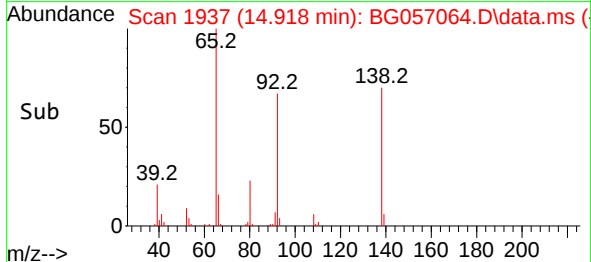
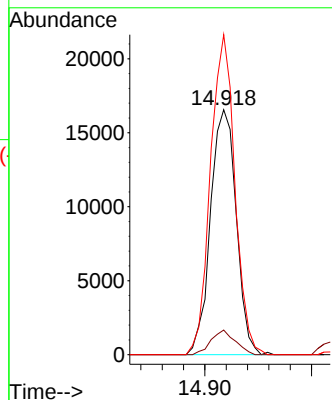
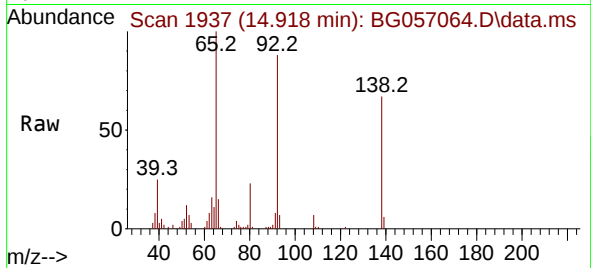




#53
3-Nitroaniline
Concen: 29.988 ng
RT: 14.918 min Scan# 1937
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

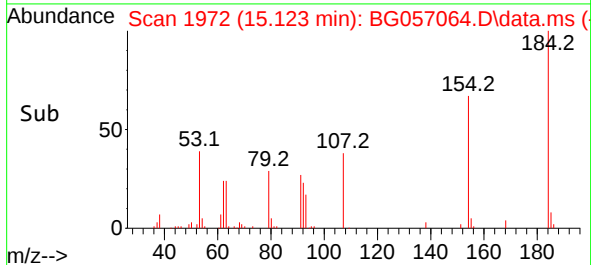
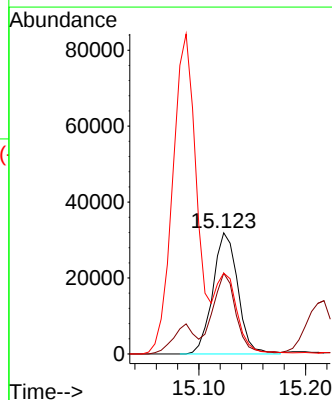
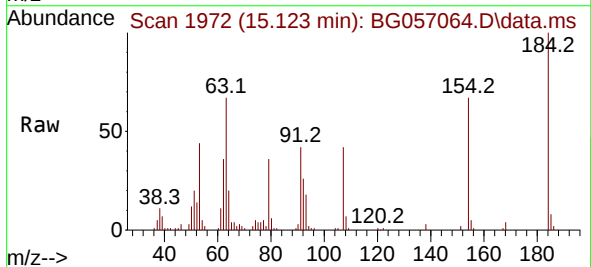
Instrument :
BNA_G
ClientSampleId :
PB152062BS

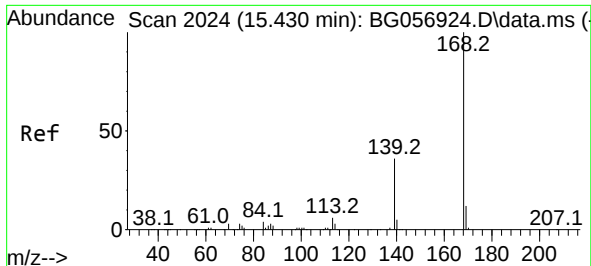
Tgt Ion:138 Resp: 27730
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 130.6 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 98.678 ng
RT: 15.123 min Scan# 1972
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:184 Resp: 51889
Ion Ratio Lower Upper
184 100
63 66.8 46.5 69.7
154 66.7 53.5 80.3

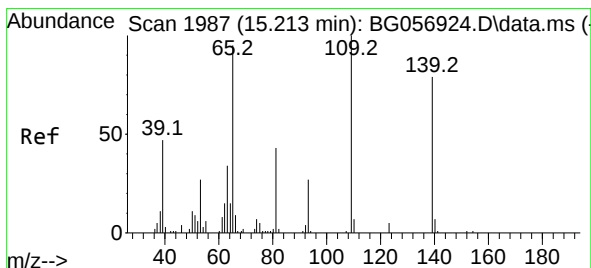
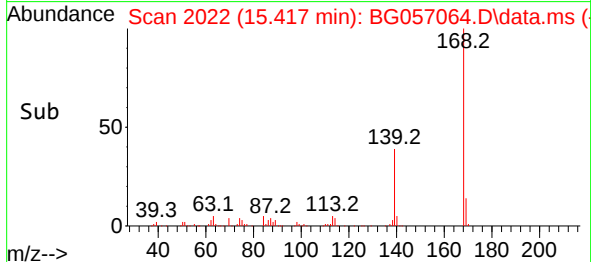
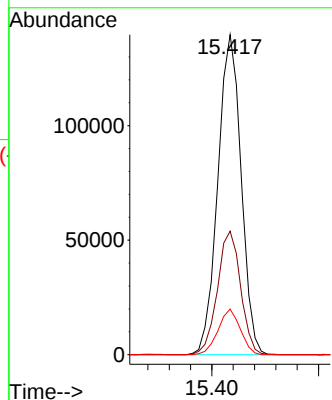
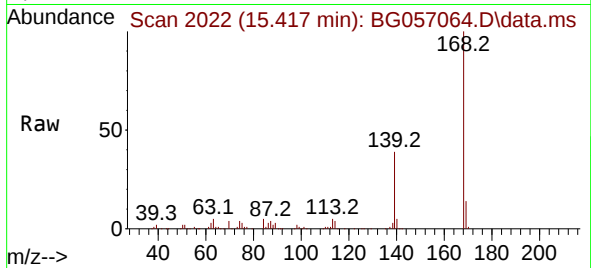




#55
Dibenzenofuran
Concen: 41.883 ng
RT: 15.417 min Scan# 20
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

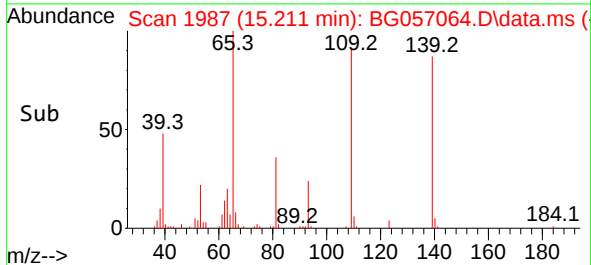
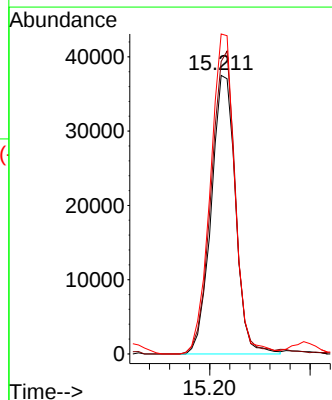
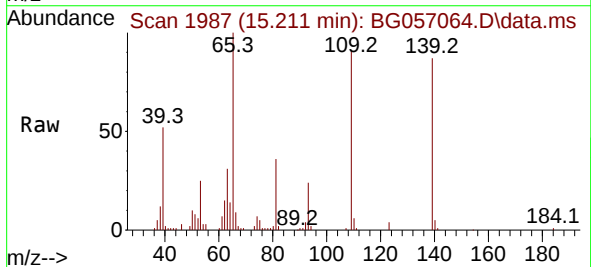
Instrument :
BNA_G
ClientSampleId :
PB152062BS

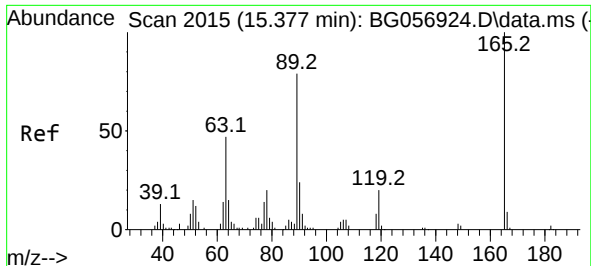
Tgt Ion:168 Resp: 211637
Ion Ratio Lower Upper
168 100
139 38.6 28.9 43.3
169 14.3 9.8 14.6



#56
4-Nitrophenol
Concen: 92.051 ng
RT: 15.211 min Scan# 1987
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:139 Resp: 62944
Ion Ratio Lower Upper
139 100
109 105.0 106.7 146.7#
65 114.8 100.5 140.5

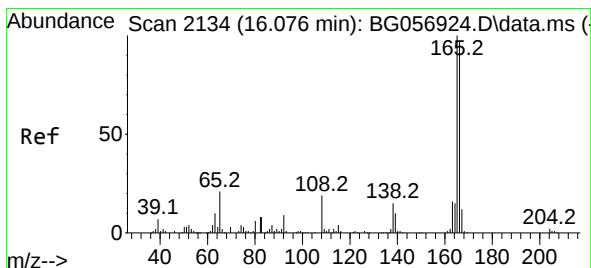
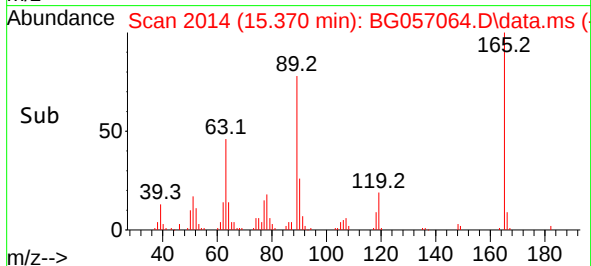
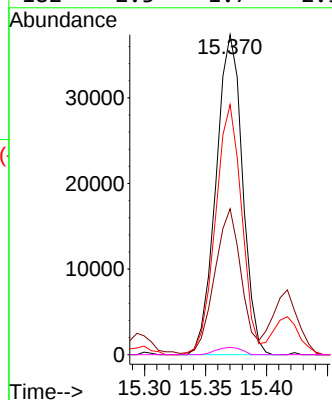
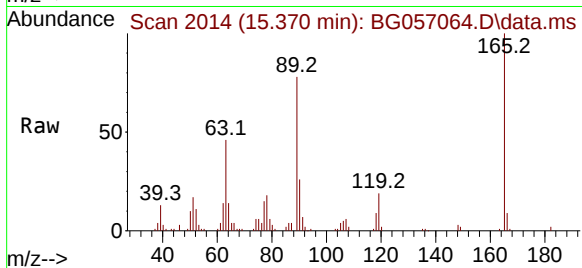




#57
2,4-Dinitrotoluene
Concen: 42.889 ng
RT: 15.370 min Scan# 2015
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

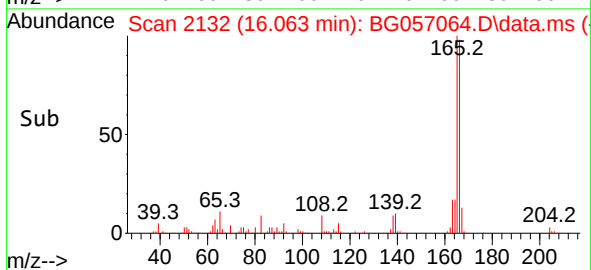
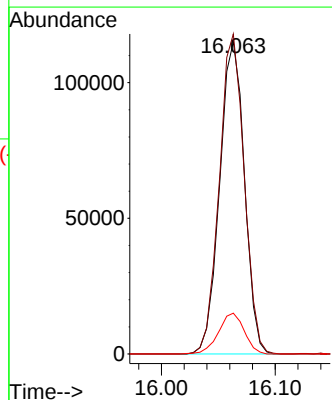
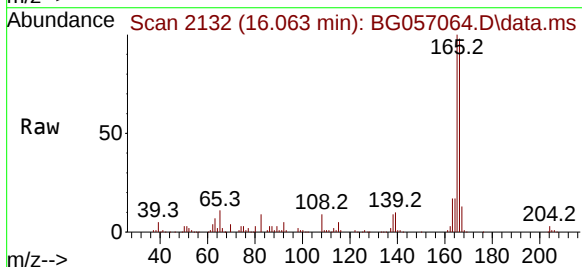
Instrument :
BNA_G
ClientSampleId :
PB152062BS

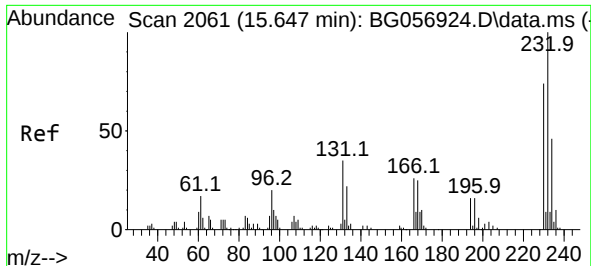
Tgt Ion:165 Resp: 56511
Ion Ratio Lower Upper
165 100
63 45.6 37.7 56.5
89 78.1 63.2 94.8
182 2.3 1.7 2.5



#58
Fluorene
Concen: 41.589 ng
RT: 16.063 min Scan# 2132
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:166 Resp: 173896
Ion Ratio Lower Upper
166 100
165 102.5 82.6 123.8
167 13.1 10.2 15.2

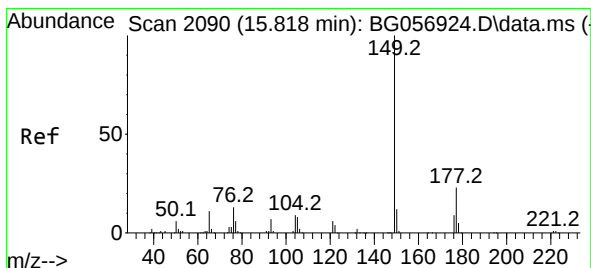
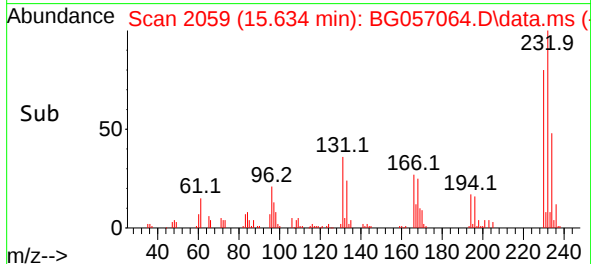
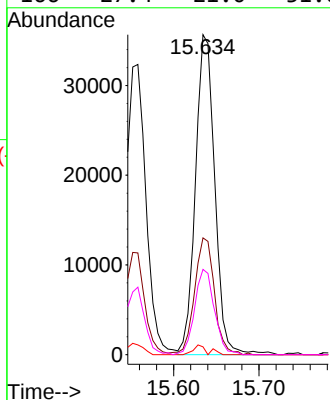
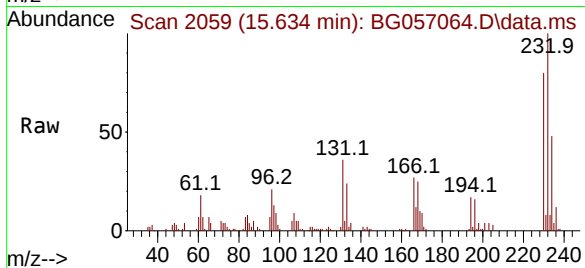




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.890 ng
RT: 15.634 min Scan# 2061
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

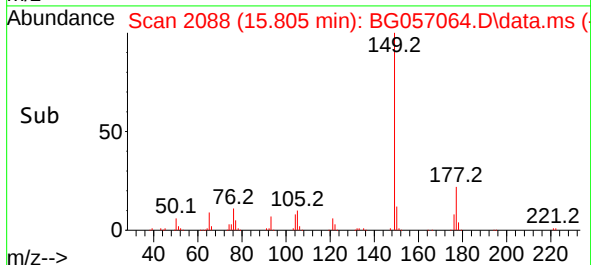
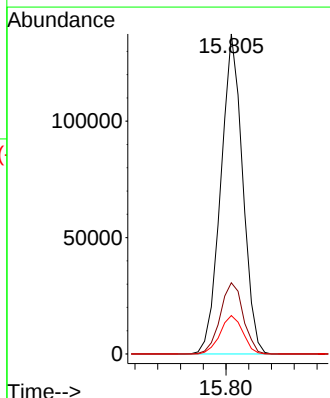
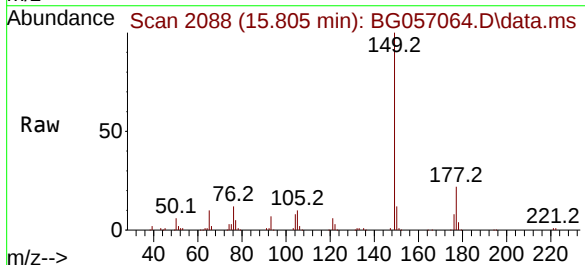
Instrument :
BNA_G
ClientSampleId :
PB152062BS

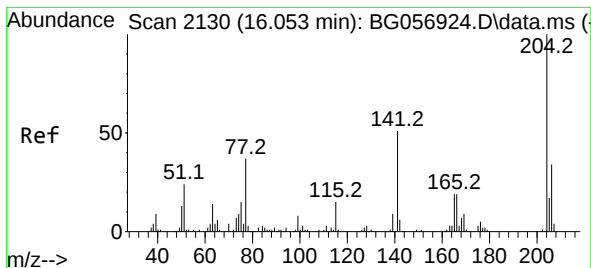
Tgt Ion:232 Resp: 56179
Ion Ratio Lower Upper
232 100
131 37.5 29.3 43.9
130 2.2 1.7 2.5
166 27.4 21.0 31.6



#60
Diethylphthalate
Concen: 42.344 ng
RT: 15.805 min Scan# 2088
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:149 Resp: 183550
Ion Ratio Lower Upper
149 100
177 22.2 18.8 28.2
150 12.0 9.4 14.2

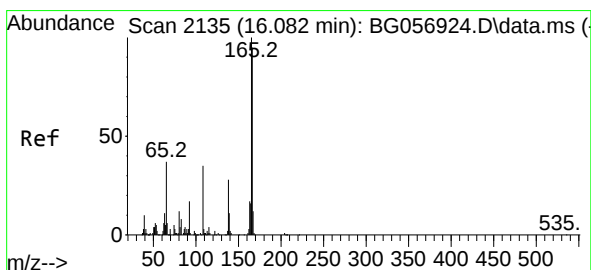
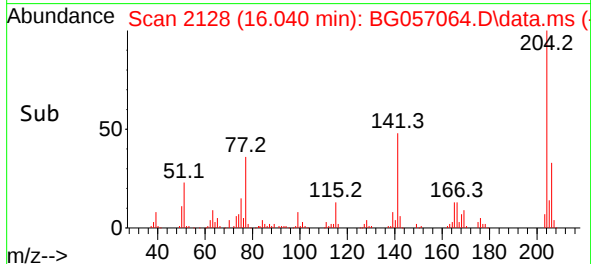
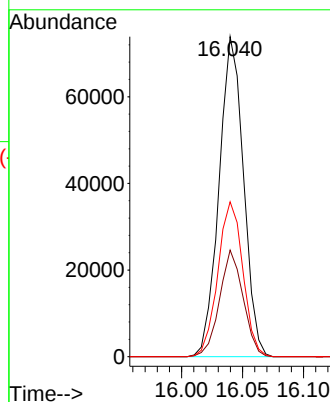
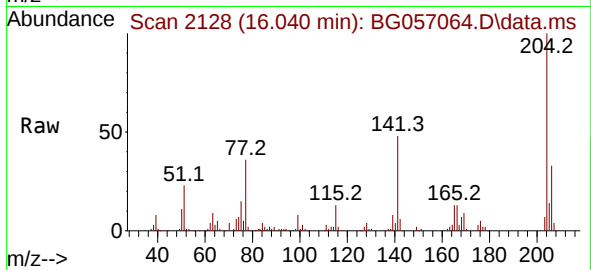




#61
4-Chlorophenyl-phenylether
Concen: 42.033 ng
RT: 16.040 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

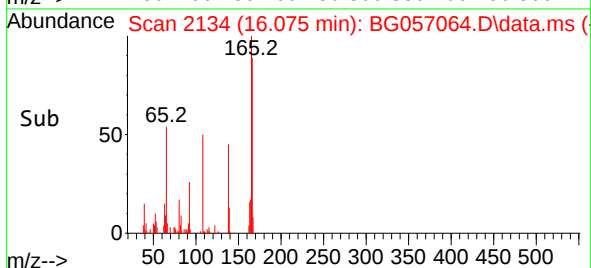
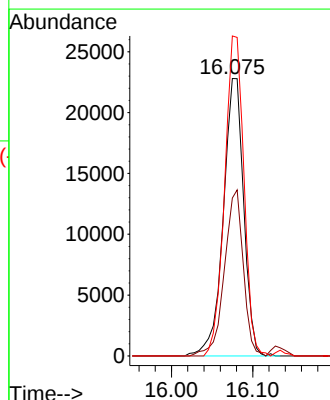
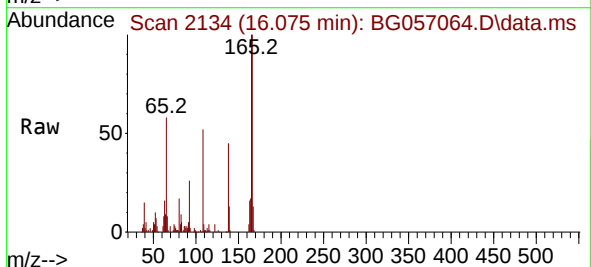
Instrument :
BNA_G
ClientSampleId :
PB152062BS

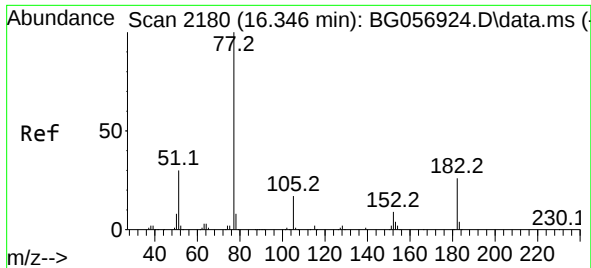
Tgt Ion:204 Resp: 103190
Ion Ratio Lower Upper
204 100
206 33.3 27.2 40.8
141 48.4 40.7 61.1



#62
4-Nitroaniline
Concen: 41.495 ng
RT: 16.075 min Scan# 2134
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:138 Resp: 39755
Ion Ratio Lower Upper
138 100
92 56.9 40.9 80.9
108 115.3 104.3 144.3



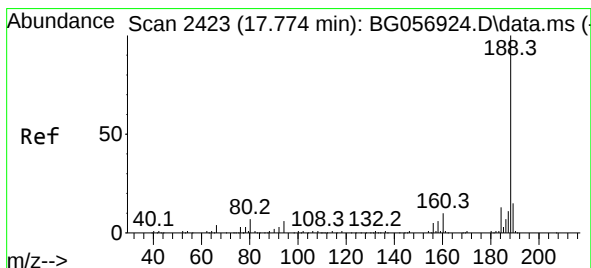
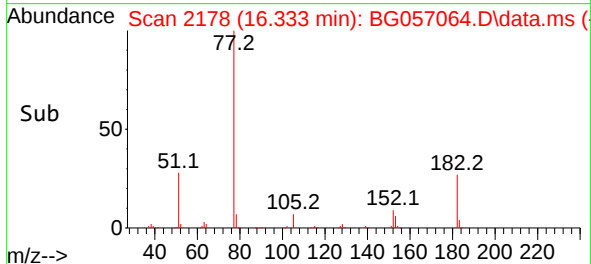
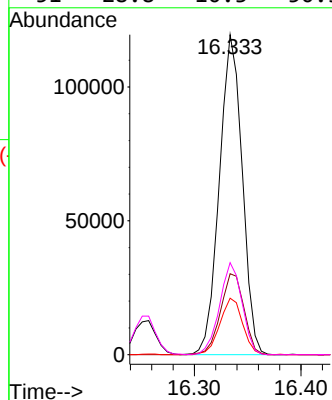
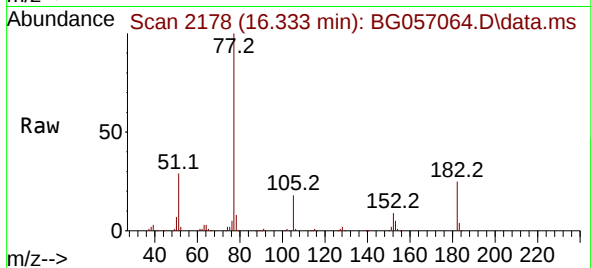


#63
Azobenzene
Concen: 41.120 ng
RT: 16.333 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :
BNA_G
ClientSampleId :
PB152062BS

Tgt Ion: 77 Resp: 177633

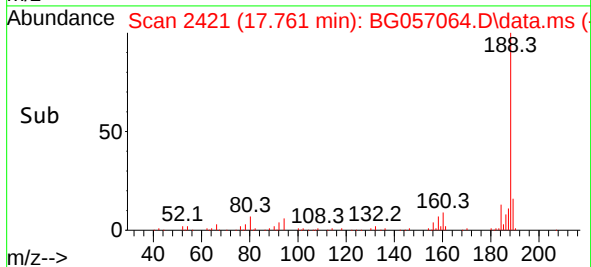
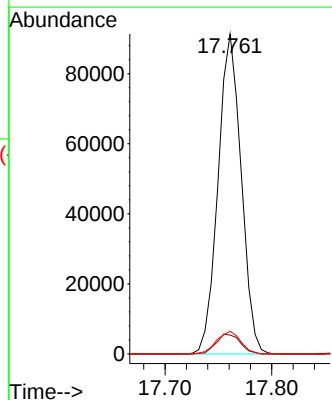
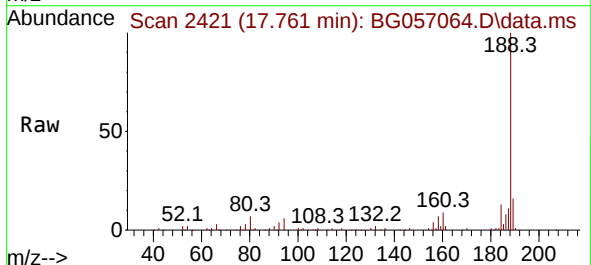
Ion	Ratio	Lower	Upper
77	100		
182	25.3	5.9	45.9
105	17.7	0.0	36.8
51	28.8	10.3	50.3

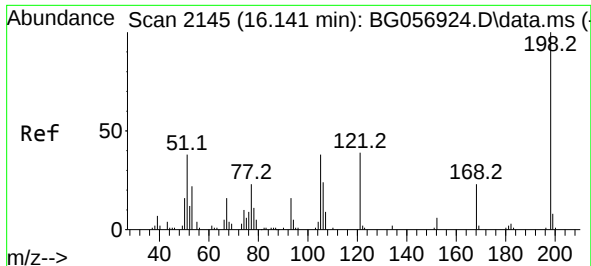


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.761 min Scan# 2421
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion: 188 Resp: 137421

Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.6	6.8
80	7.1	5.5	8.3

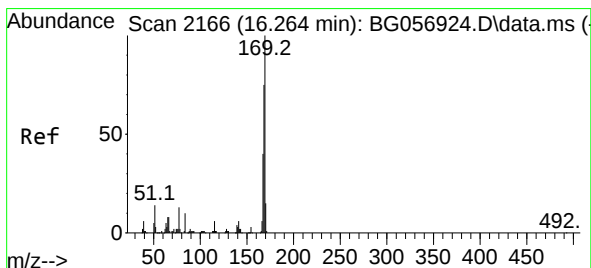
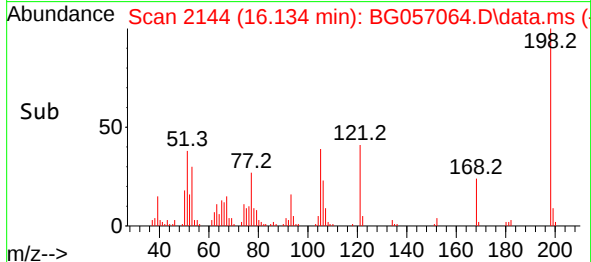
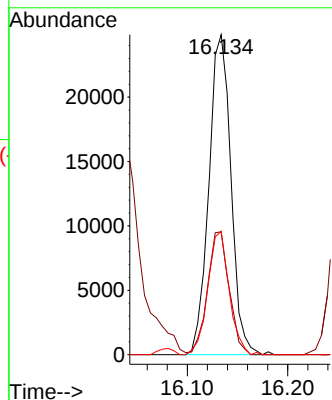
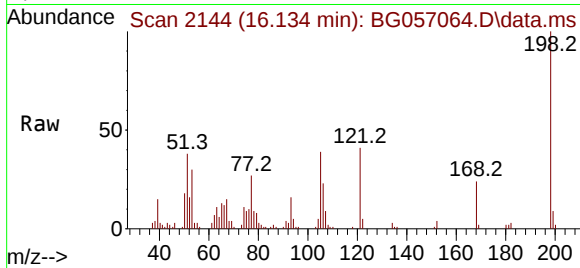




#65
4,6-Dinitro-2-methylphenol
Concen: 45.683 ng
RT: 16.134 min Scan# 2144
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

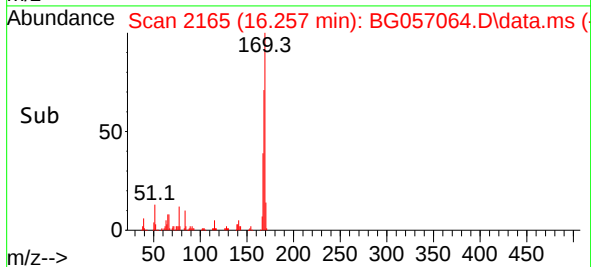
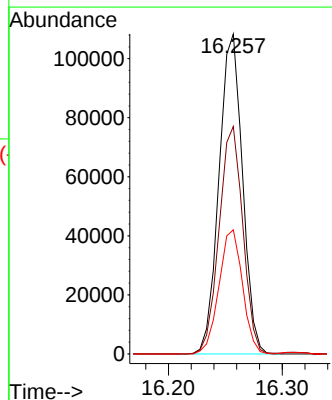
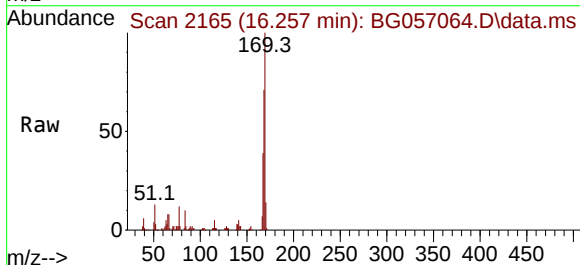
Instrument :
BNA_G
ClientSampleId :
PB152062BS

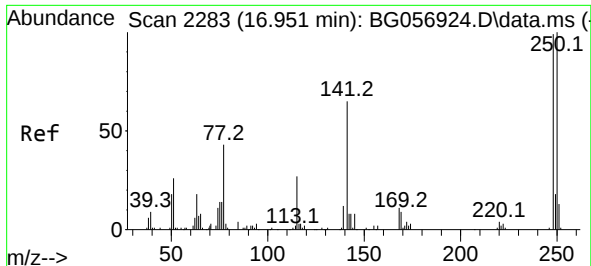
Tgt Ion:198 Resp: 38021
Ion Ratio Lower Upper
198 100
51 38.4 20.5 60.5
105 38.6 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 42.108 ng
RT: 16.257 min Scan# 2165
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:169 Resp: 155336
Ion Ratio Lower Upper
169 100
168 71.1 59.6 89.4
167 38.8 31.8 47.8

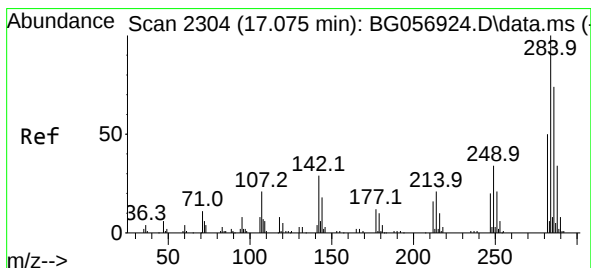
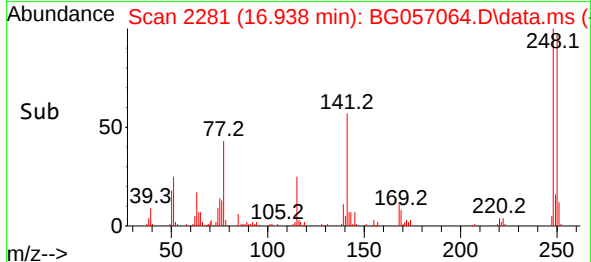
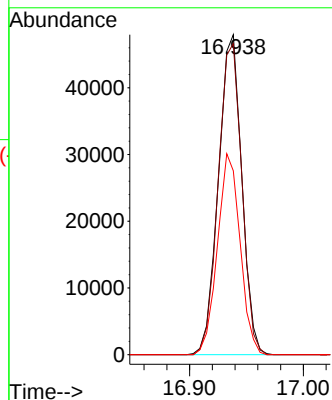
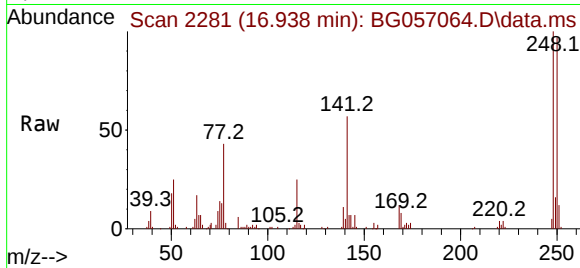




#67
4-Bromophenyl-phenylether
Concen: 40.230 ng
RT: 16.938 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

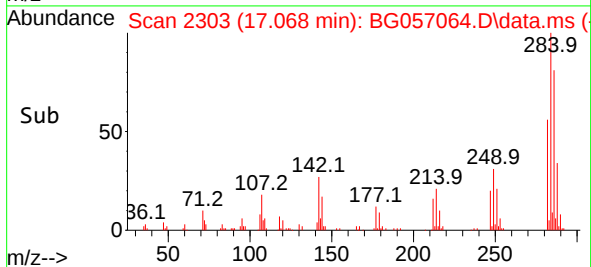
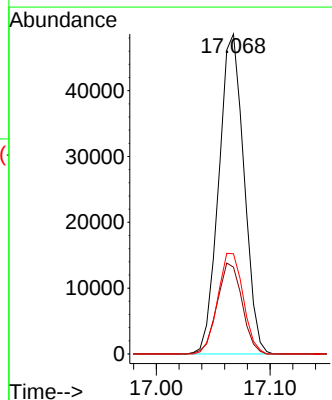
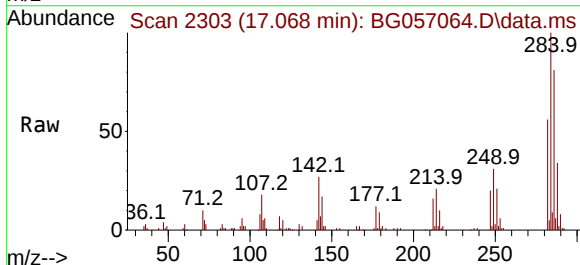
Instrument :
BNA_G
ClientSampleId :
PB152062BS

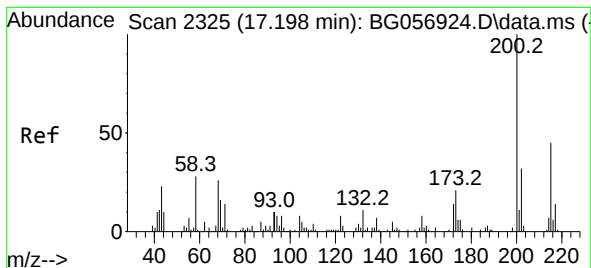
Tgt Ion:248 Resp: 68404
Ion Ratio Lower Upper
248 100
250 97.2 80.5 120.7
141 57.4 52.0 78.0



#68
Hexachlorobenzene
Concen: 44.451 ng
RT: 17.068 min Scan# 2303
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:284 Resp: 74724
Ion Ratio Lower Upper
284 100
142 27.2 23.0 34.4
249 31.3 27.1 40.7





#69

Atrazine

Concen: 43.628 ng

RT: 17.185 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

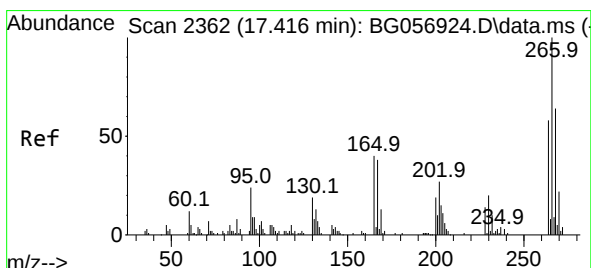
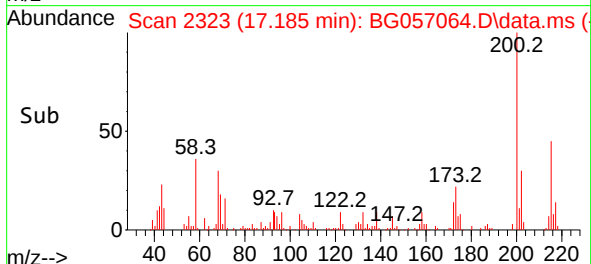
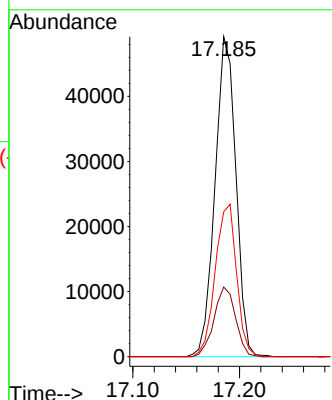
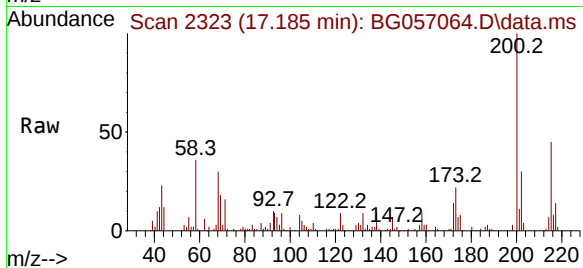
Tgt Ion:200 Resp: 66808

Ion Ratio Lower Upper

200 100

173 21.7 1.0 41.0

215 45.3 25.0 65.0



#70

Pentachlorophenol

Concen: 73.845 ng

RT: 17.408 min Scan# 2361

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

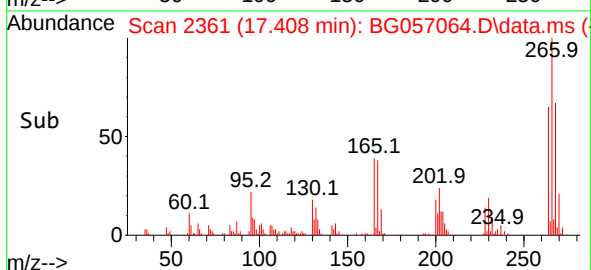
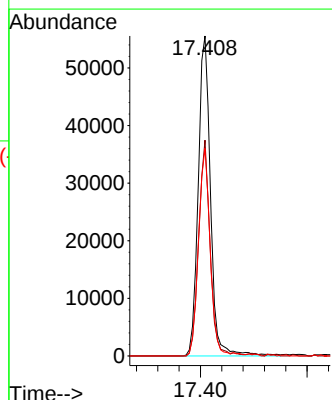
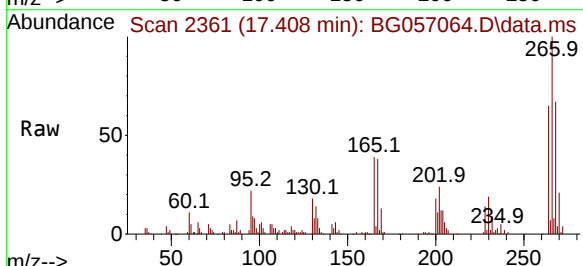
Tgt Ion:266 Resp: 89058

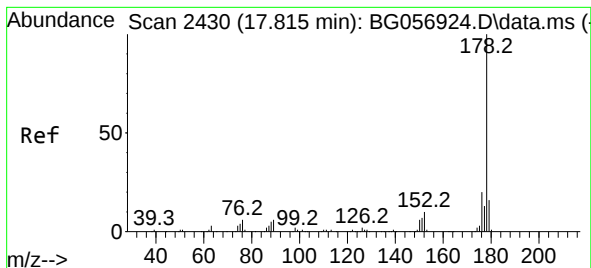
Ion Ratio Lower Upper

266 100

268 67.5 51.0 76.6

264 64.9 46.8 70.2





#71

Phenanthrene

Concen: 41.612 ng

RT: 17.802 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

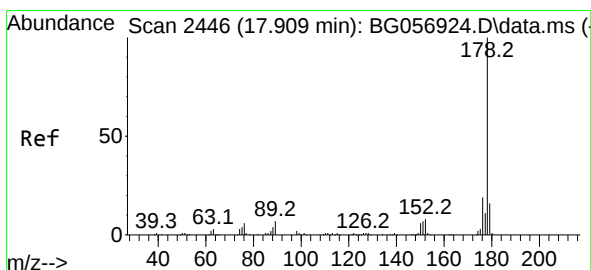
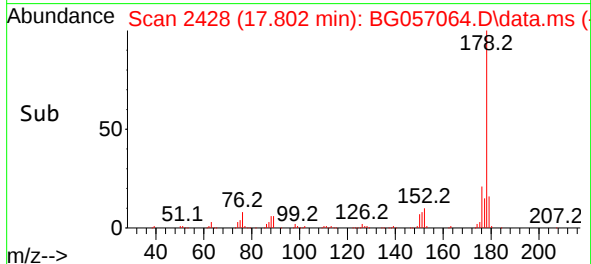
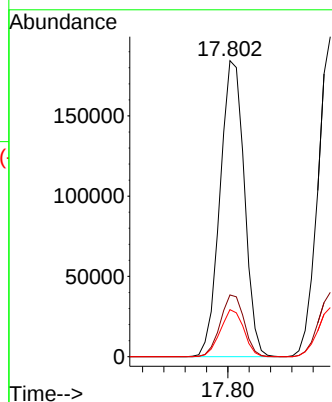
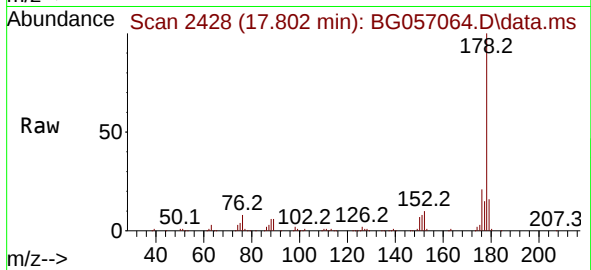
Tgt Ion:178 Resp: 291549

Ion Ratio Lower Upper

178 100

176 20.9 16.2 24.2

179 15.9 12.5 18.7



#72

Anthracene

Concen: 41.012 ng

RT: 17.896 min Scan# 2444

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

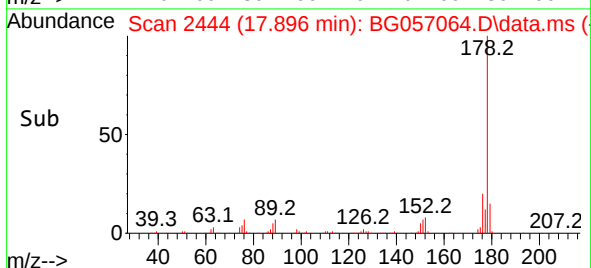
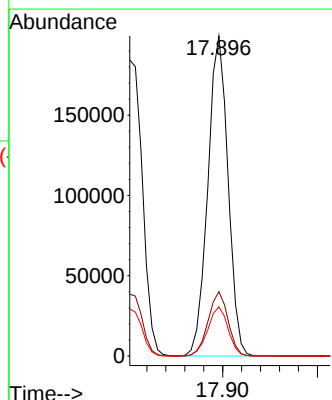
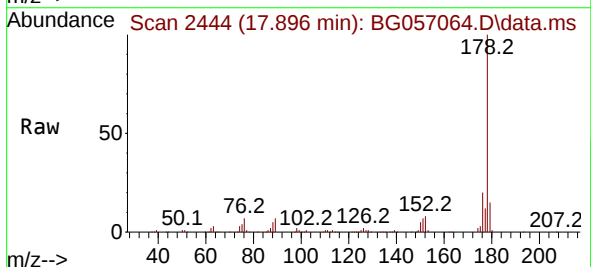
Tgt Ion:178 Resp: 294568

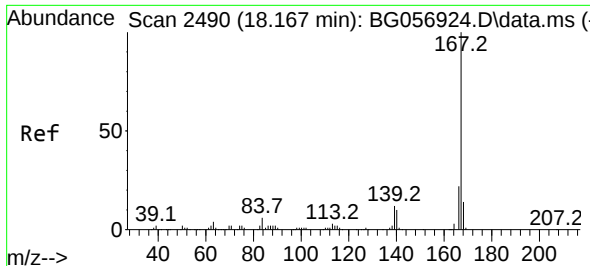
Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.2

179 15.3 12.4 18.6

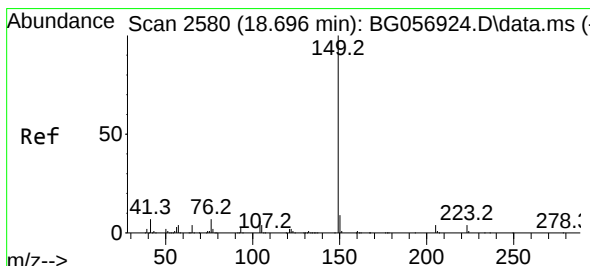
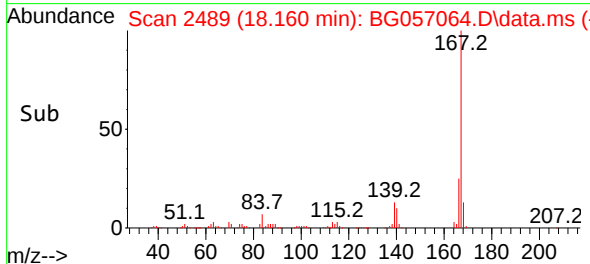
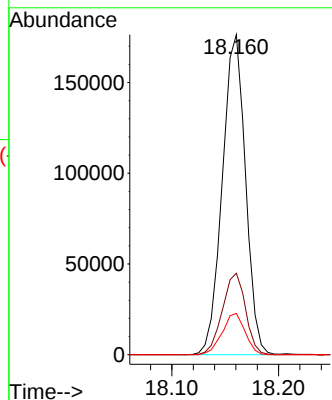
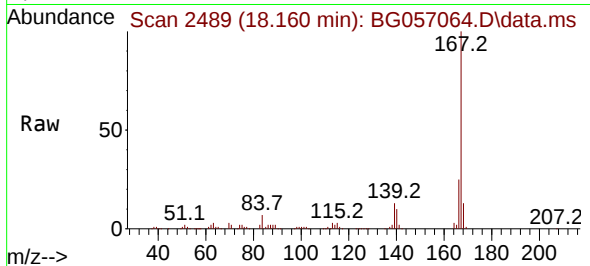




#73
 Carbazole
 Concen: 42.494 ng
 RT: 18.160 min Scan# 2490
 Delta R.T. 0.004 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54

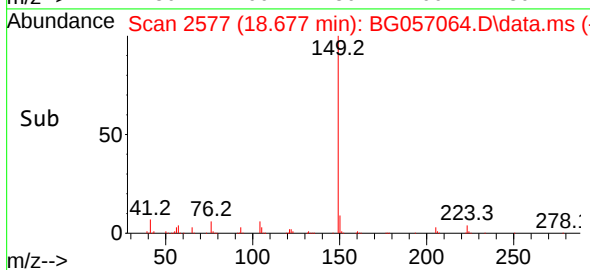
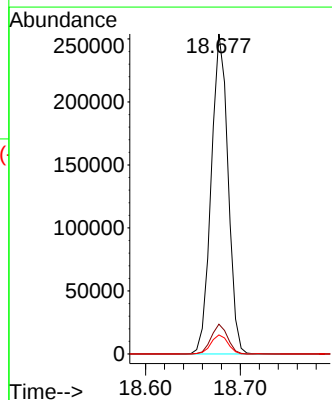
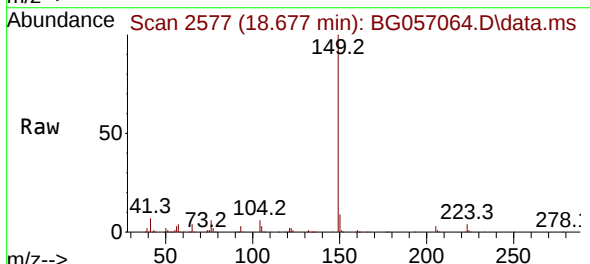
Instrument :
 BNA_G
 ClientSampleId :
 PB152062BS

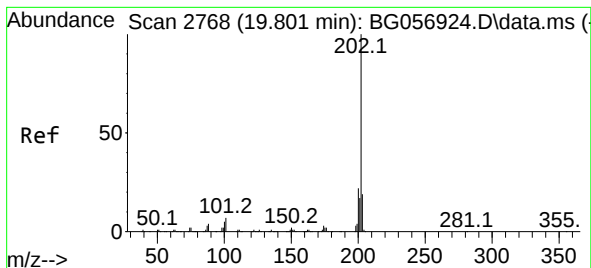
Tgt Ion:167 Resp: 266107
 Ion Ratio Lower Upper
 167 100
 166 25.4 17.9 26.9
 139 12.9 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 43.129 ng
 RT: 18.677 min Scan# 2577
 Delta R.T. -0.002 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54

Tgt Ion:149 Resp: 312747
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 6.0 4.9 7.3





#75

Fluoranthene

Concen: 40.028 ng

RT: 19.788 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

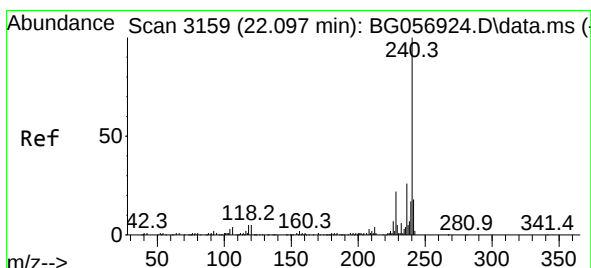
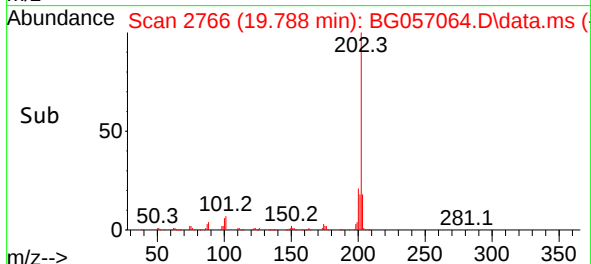
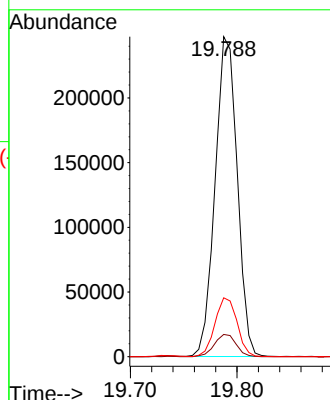
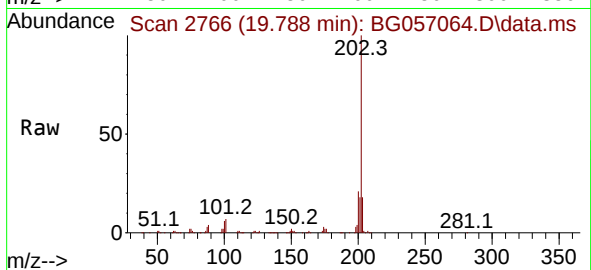
Tgt Ion:202 Resp: 355514

Ion Ratio Lower Upper

202 100

101 7.0 0.0 26.7

203 18.4 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.079 min Scan# 3156

Delta R.T. -0.002 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

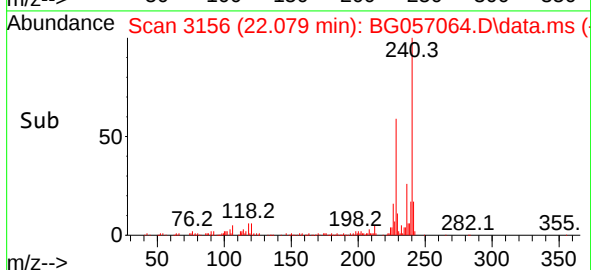
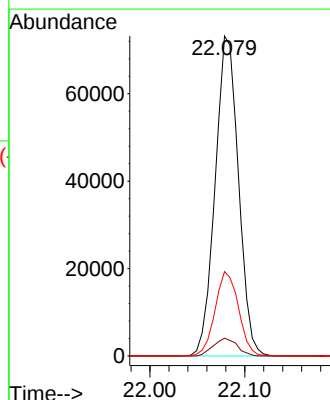
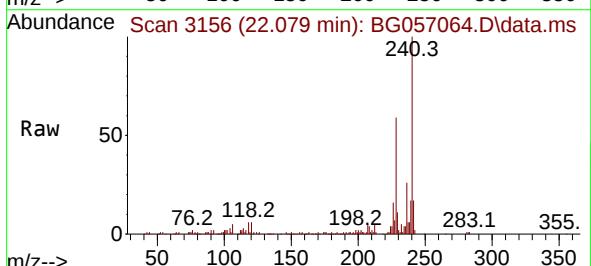
Tgt Ion:240 Resp: 125212

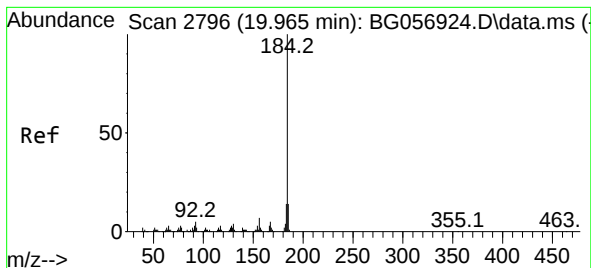
Ion Ratio Lower Upper

240 100

120 5.5 3.8 5.6

236 26.3 21.0 31.6





#77

Benzidine

Concen: 47.583 ng

RT: 19.952 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

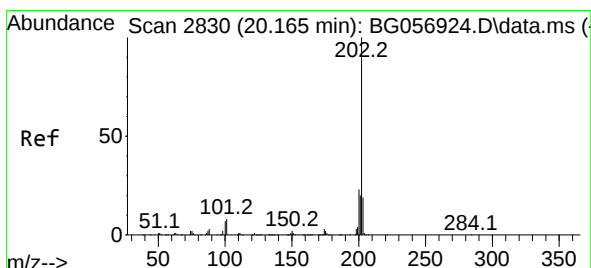
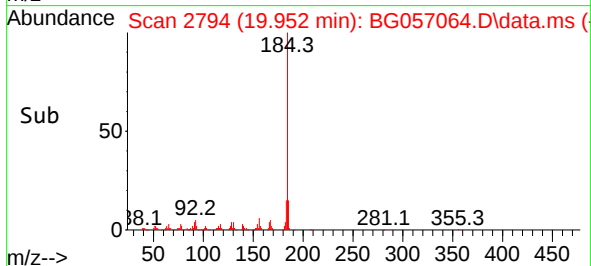
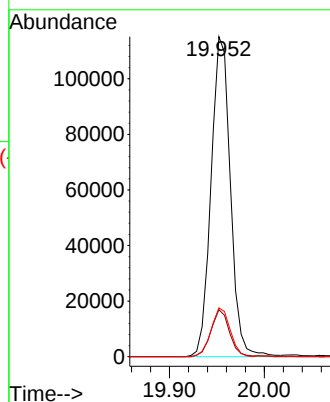
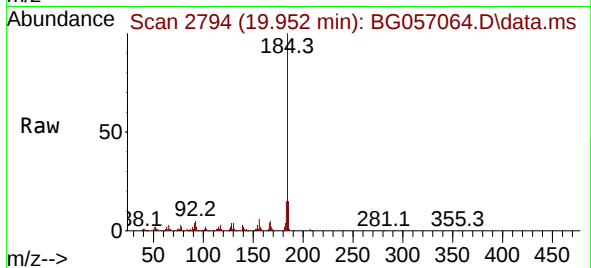
Tgt Ion:184 Resp: 162849

Ion Ratio Lower Upper

184 100

185 14.7 11.0 16.4

183 15.2 11.4 17.0



#78

Pyrene

Concen: 41.796 ng

RT: 20.152 min Scan# 2828

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

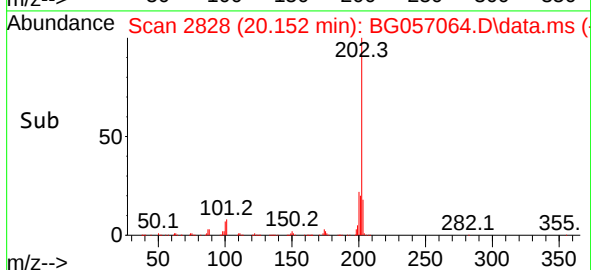
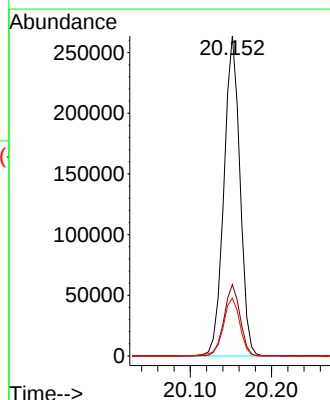
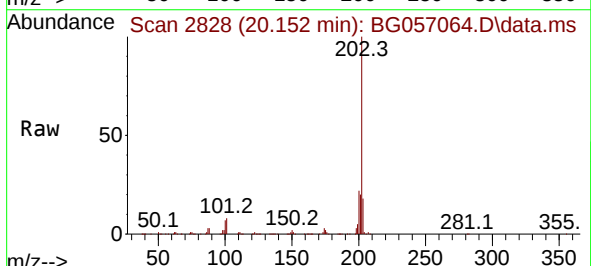
Tgt Ion:202 Resp: 361965

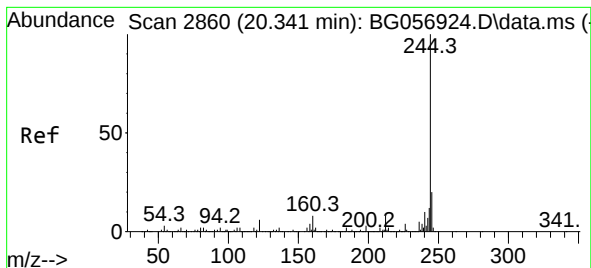
Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

203 18.1 15.4 23.2





#79

Terphenyl-d14

Concen: 69.248 ng

RT: 20.328 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

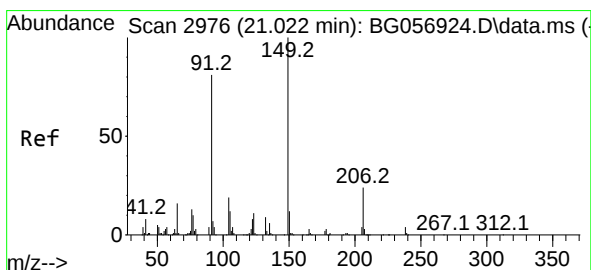
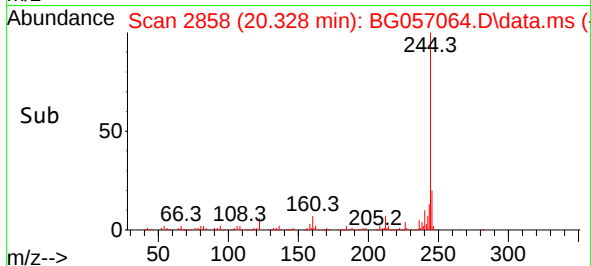
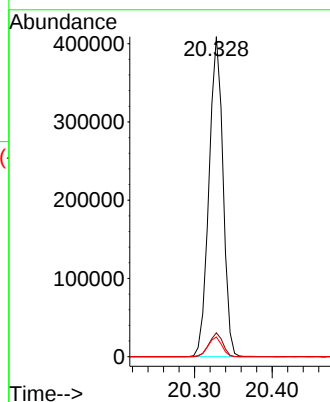
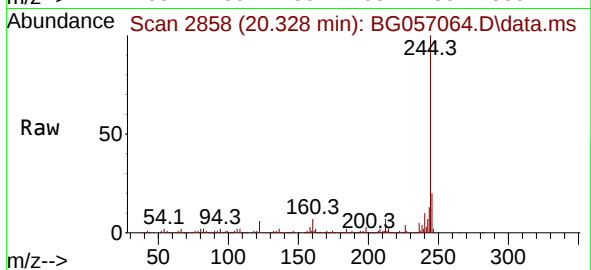
Tgt Ion:244 Resp: 512404

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.2 5.0 7.4



#80

Butylbenzylphthalate

Concen: 44.008 ng

RT: 21.009 min Scan# 2974

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

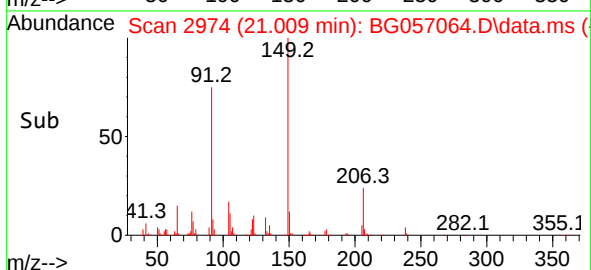
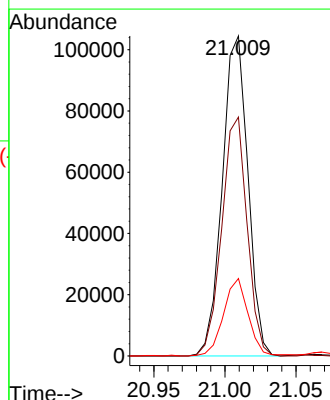
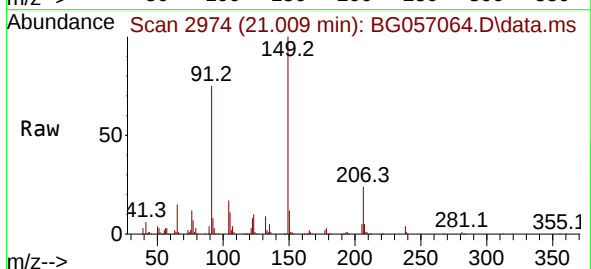
Tgt Ion:149 Resp: 131151

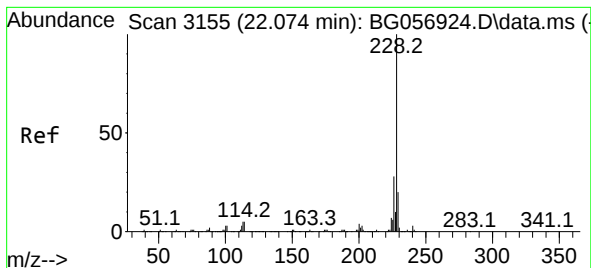
Ion Ratio Lower Upper

149 100

91 74.7 64.4 96.6

206 24.2 18.9 28.3





#81

Benzo(a)anthracene

Concen: 40.958 ng

RT: 22.061 min Scan# 3153

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

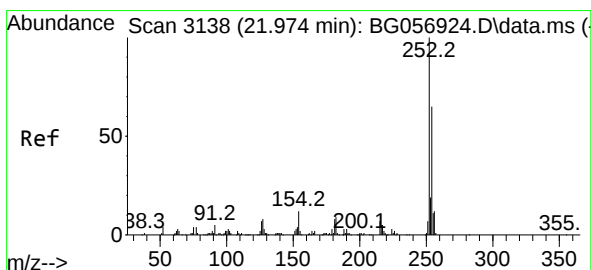
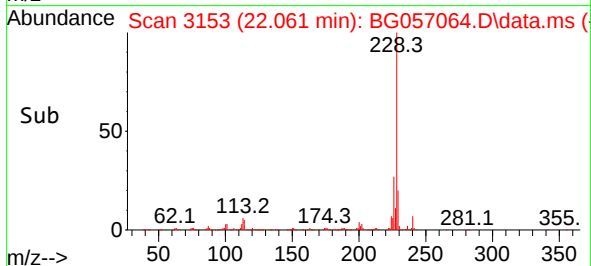
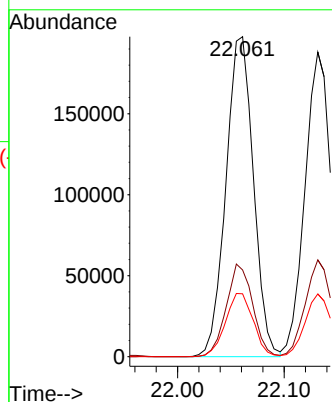
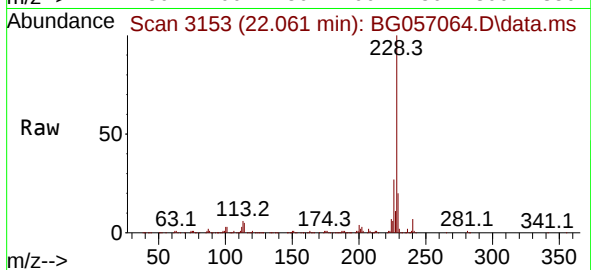
Tgt Ion:228 Resp: 354889

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 32.705 ng

RT: 21.955 min Scan# 3135

Delta R.T. -0.002 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

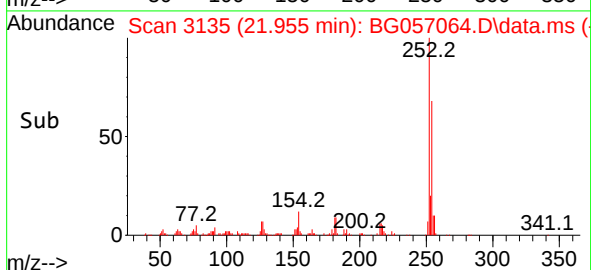
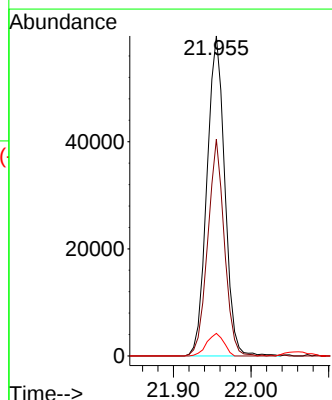
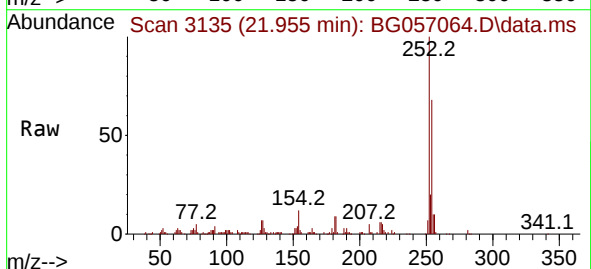
Tgt Ion:252 Resp: 95691

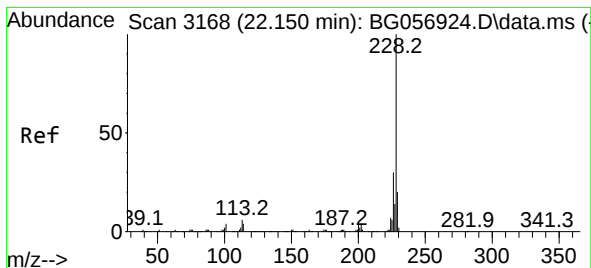
Ion Ratio Lower Upper

252 100

254 67.8 51.7 77.5

126 7.1 5.6 8.4





#83

Chrysene

Concen: 39.745 ng

RT: 22.131 min Scan# 3165

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

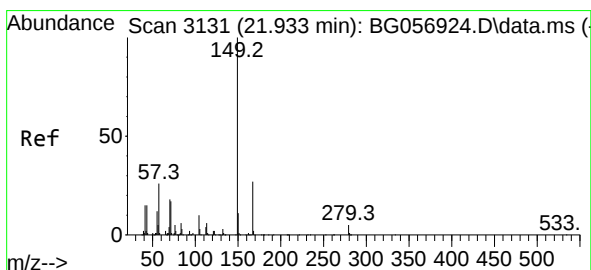
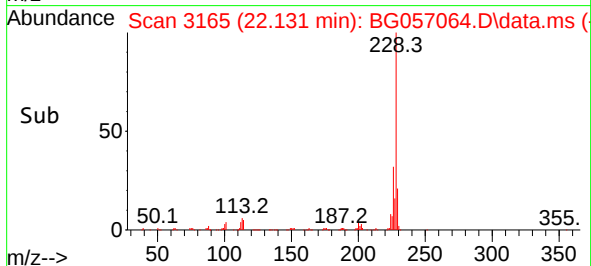
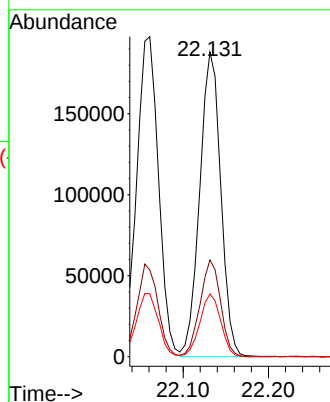
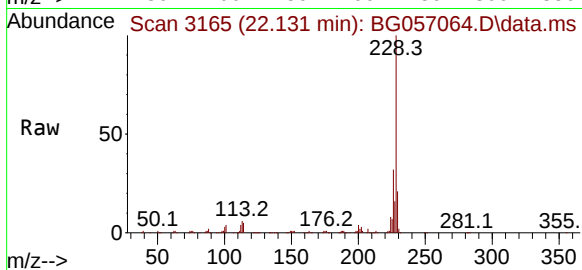
Tgt Ion:228 Resp: 322449

Ion Ratio Lower Upper

228 100

226 31.8 24.1 36.1

229 20.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.664 ng

RT: 21.908 min Scan# 3127

Delta R.T. -0.002 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

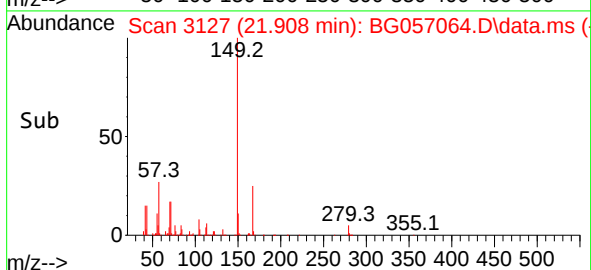
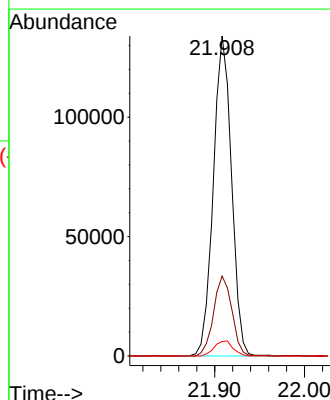
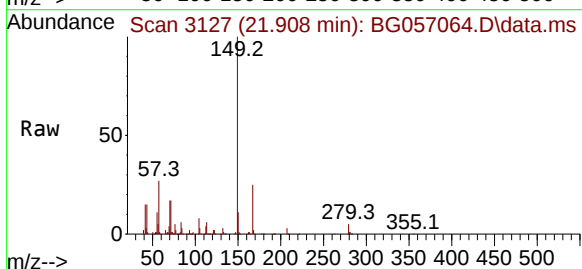
Tgt Ion:149 Resp: 188427

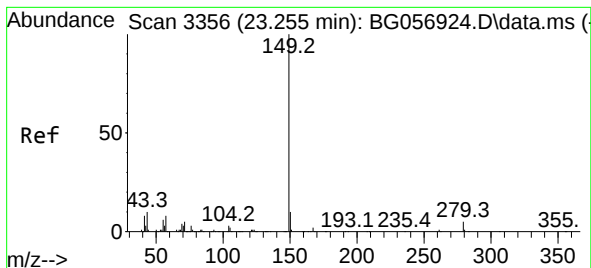
Ion Ratio Lower Upper

149 100

167 24.9 21.4 32.2

279 4.5 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 43.444 ng

RT: 23.224 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

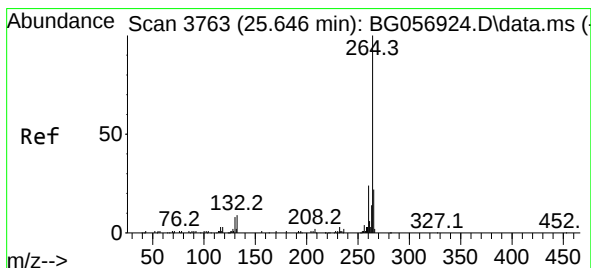
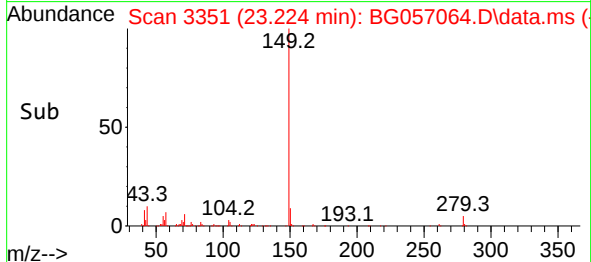
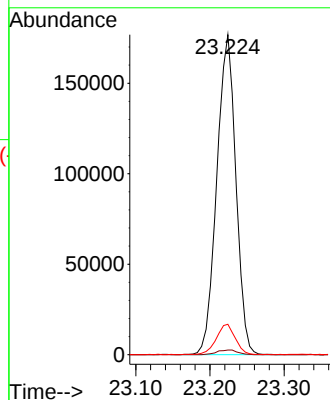
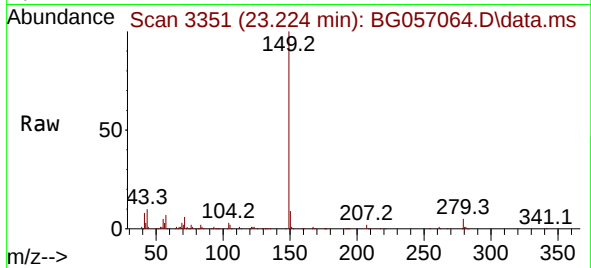
Tgt Ion:149 Resp: 315934

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.6 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.621 min Scan# 3759

Delta R.T. 0.009 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

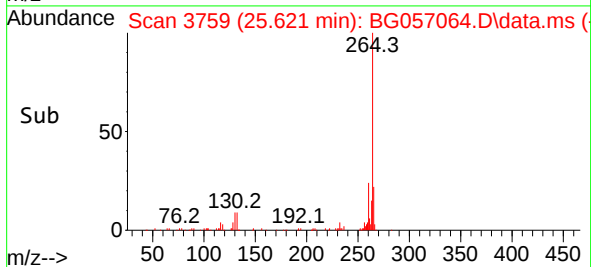
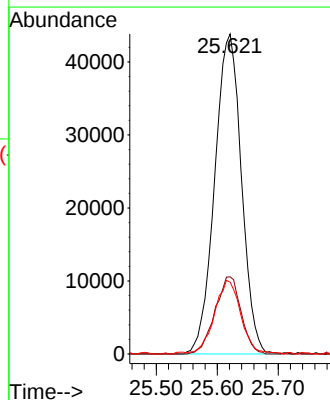
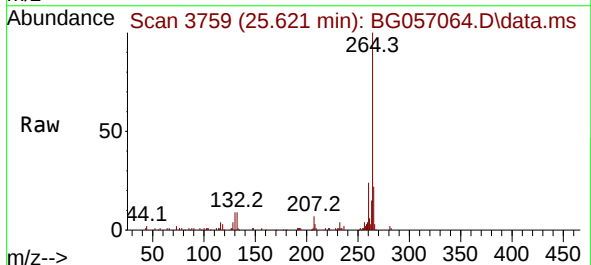
Tgt Ion:264 Resp: 133507

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 22.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.438 ng

RT: 29.715 min Scan# 4462

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

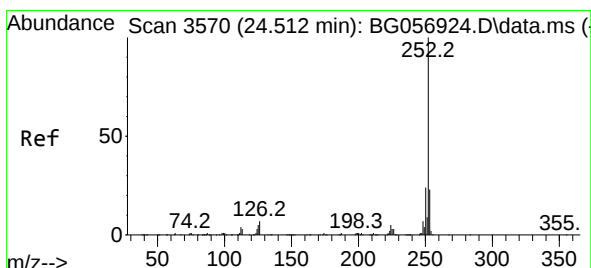
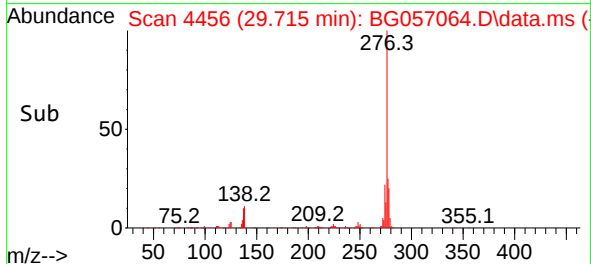
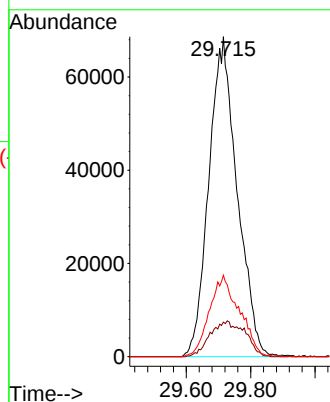
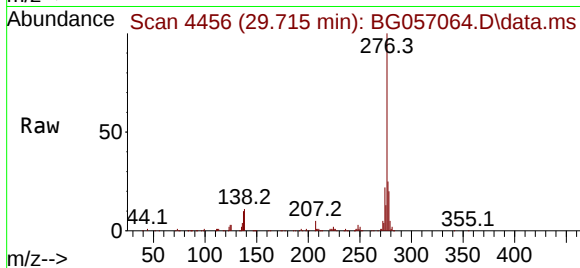
Tgt Ion:276 Resp: 418727

Ion Ratio Lower Upper

276 100

138 13.8 7.7 11.5#

277 26.9 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 44.607 ng

RT: 24.487 min Scan# 3566

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

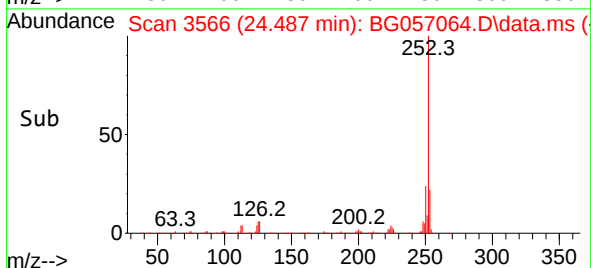
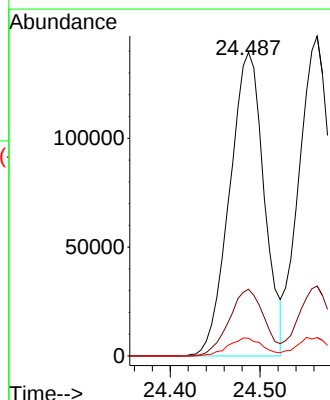
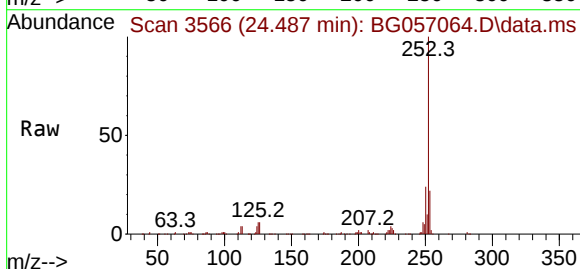
Tgt Ion:252 Resp: 372410

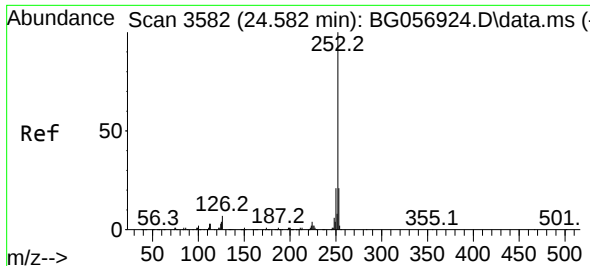
Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

125 5.9 4.2 6.4

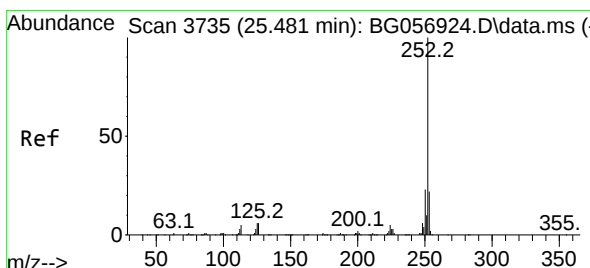
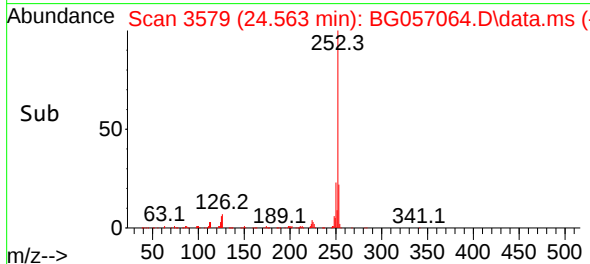
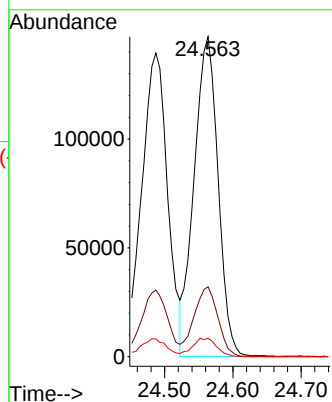
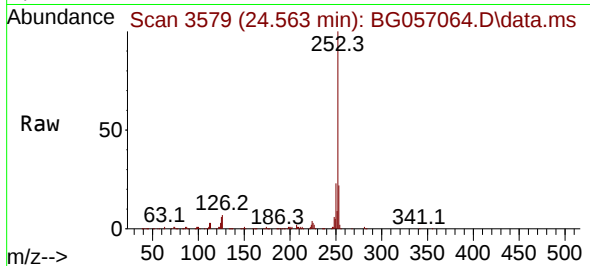




#89
Benzo(k)fluoranthene
Concen: 42.987 ng
RT: 24.563 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

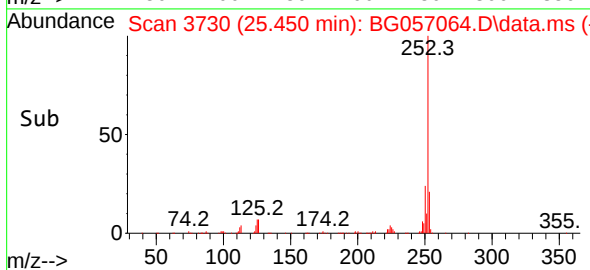
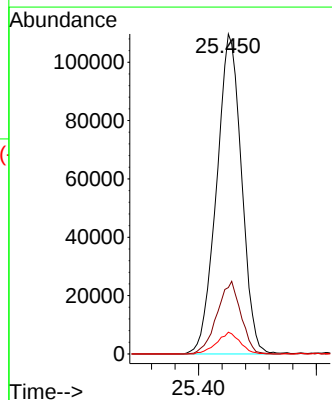
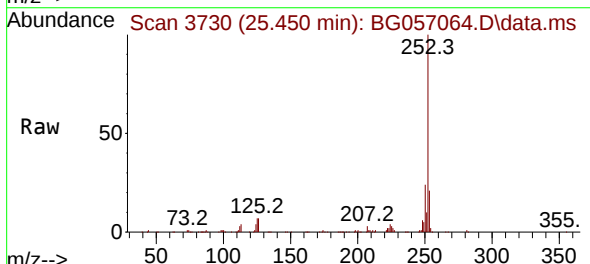
Instrument :
BNA_G
ClientSampleId :
PB152062BS

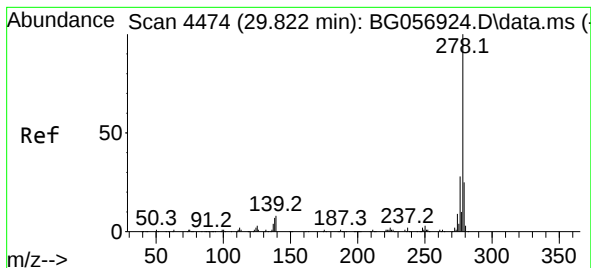
Tgt Ion:252 Resp: 358285
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 5.8 3.8 5.6#



#90
Benzo(a)pyrene
Concen: 39.292 ng
RT: 25.450 min Scan# 3730
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:252 Resp: 322343
Ion Ratio Lower Upper
252 100
253 20.8 17.6 26.4
125 6.8 4.5 6.7#





#91

Dibenzo(a,h)anthracene

Concen: 43.215 ng

RT: 29.774 min Scan# 44

Delta R.T. 0.009 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

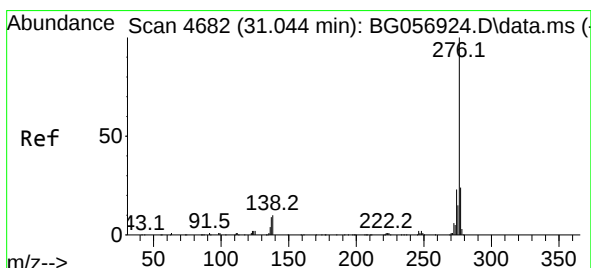
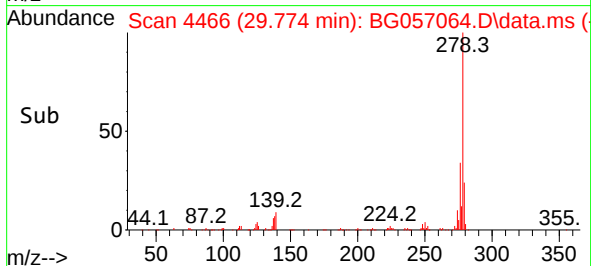
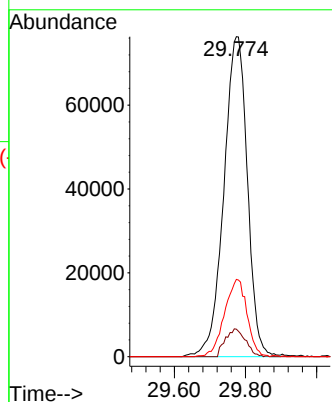
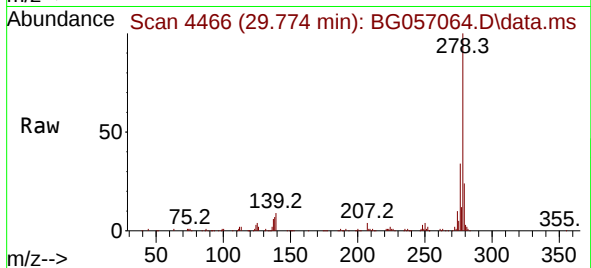
Tgt Ion:278 Resp: 350491

Ion Ratio Lower Upper

278 100

139 8.6 6.4 9.6

279 24.2 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 41.695 ng

RT: 31.002 min Scan# 4675

Delta R.T. 0.009 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Tgt Ion:276 Resp: 331121

Ion Ratio Lower Upper

276 100

277 22.8 19.1 28.7

138 11.3 8.2 12.2

