

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
 Data File : BG059957.D
 Acq On : 5 Dec 2023 20:09
 Operator : MA/JU
 Sample : 05323-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Quant Time: Dec 05 22:41:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	98155	20.000	ng	# 0.00
21) Naphthalene-d8	10.764	136	336976	20.000	ng	# 0.00
39) Acenaphthene-d10	14.600	164	348094	20.000	ng	0.00
64) Phenanthrene-d10	17.350	188	1169800	20.000	ng	0.00
76) Chrysene-d12	21.622	240	1691781	20.000	ng	0.00
86) Perylene-d12	24.818	264	1880556	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	722453	147.886	ng	0.00
7) Phenol-d6	7.115	99	872019	113.254	ng	0.00
23) Nitrobenzene-d5	9.125	82	777413	82.469	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	1414152	126.268	ng	0.00
45) 2-Fluorobiphenyl	13.226	172	2647401	82.951	ng	0.00
79) Terphenyl-d14	19.971	244	6059205	61.742	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.449	88	89458	54.162	ng	# 63
3) Pyridine	3.842	79	197969	40.163	ng	95
4) n-Nitrosodimethylamine	3.748	42	142973	55.175	ng	# 94
6) Aniline	7.285	93	139623	16.430	ng	98
8) 2-Chlorophenol	7.526	128	227706	47.785	ng	96
9) Benzaldehyde	7.103	77	13777	2.409	ng	# 76
10) Phenol	7.144	94	315547	40.971	ng	94
11) bis(2-Chloroethyl)ether	7.380	93	227826	42.508	ng	90
12) 1,3-Dichlorobenzene	7.850	146	287816	41.967	ng	97
13) 1,4-Dichlorobenzene	7.850	146	287816	40.541	ng	94
14) 1,2-Dichlorobenzene	8.314	146	288587	41.464	ng	98
15) Benzyl Alcohol	8.196	79	343294	45.117	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.490	45	117142	41.617	ng	90
17) 2-Methylphenol	8.396	107	230696	44.452	ng	93
18) Hexachloroethane	9.042	117	106737	38.749	ng	93
19) n-Nitroso-di-n-propyla...	8.766	70	244955	42.451	ng	97
20) 3+4-Methylphenols	8.725	107	310931	42.221	ng	90
22) Acetophenone	8.784	105	473819	44.002	ng	# 95
24) Nitrobenzene	9.166	77	393589	41.726	ng	93
25) Isophorone	9.689	82	678017	41.834	ng	# 93
26) 2-Nitrophenol	9.871	139	145733	48.583	ng	96
27) 2,4-Dimethylphenol	9.929	122	221557	53.809	ng	91
28) bis(2-Chloroethoxy)met...	10.170	93	331684	43.560	ng	94
29) 2,4-Dichlorophenol	10.405	162	402339	49.076	ng	91
30) 1,2,4-Trichlorobenzene	10.623	180	521377	43.612	ng	93
31) Naphthalene	10.817	128	774436	44.709	ng	96
32) Benzoic acid	10.059	122	158887	40.467	ng	95
33) 4-Chloroaniline	10.917	127	31400	4.648	ng	94
34) Hexachlorobutadiene	11.105	225	543812	40.572	ng	97
35) Caprolactam	11.698	113	42982	24.928	ng	96
36) 4-Chloro-3-methylphenol	12.039	107	337763	50.030	ng	99
37) 2-Methylnaphthalene	12.421	142	665730	45.280	ng	97
38) 1-Methylnaphthalene	12.644	142	646946	45.057	ng	# 94
40) 1,2,4,5-Tetrachloroben...	12.791	216	1103997	44.427	ng	98
41) Hexachlorocyclopentadiene	12.773	237	1154035	91.652	ng	93
43) 2,4,6-Trichlorophenol	13.026	196	588895	46.280	ng	96

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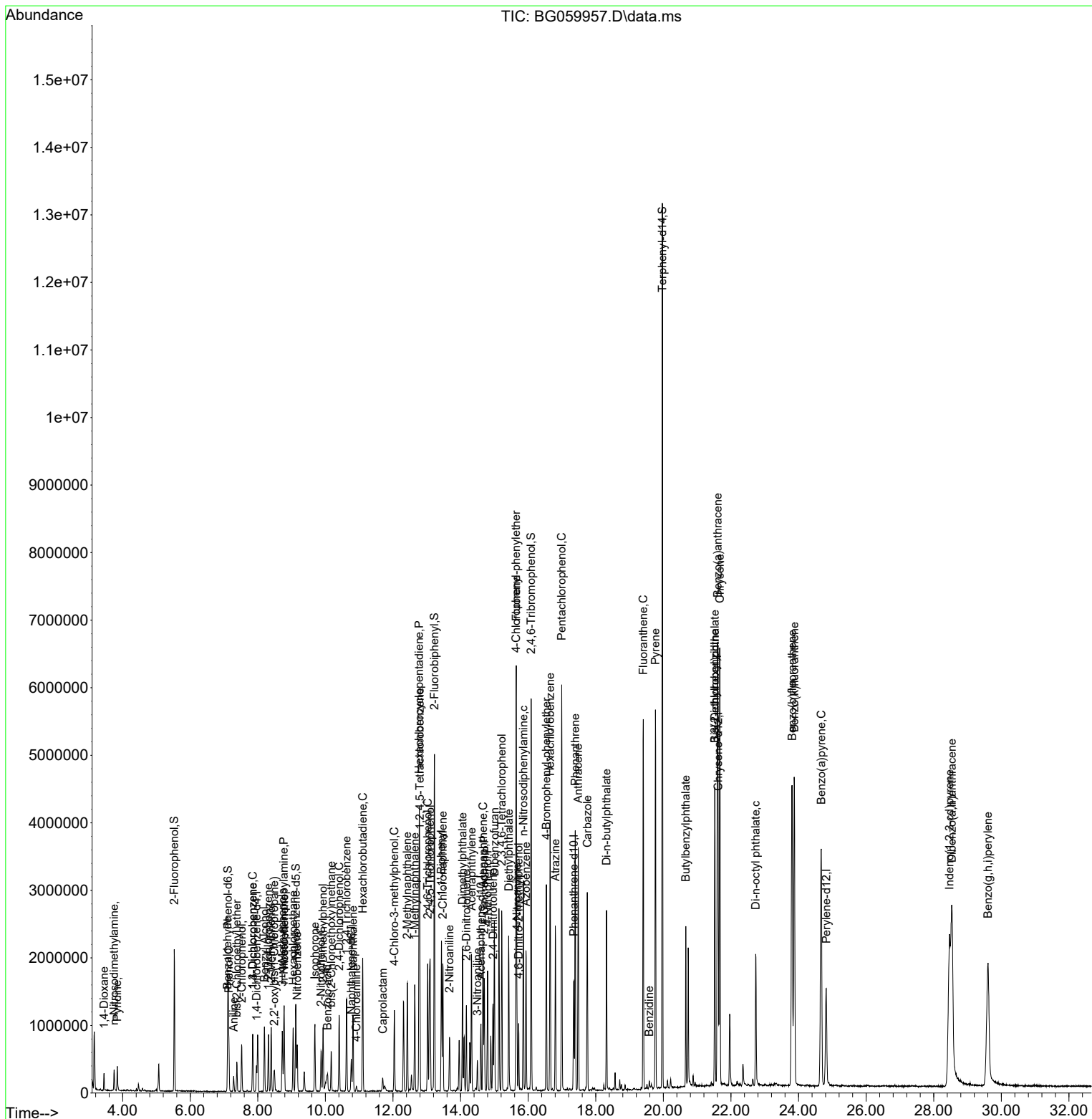
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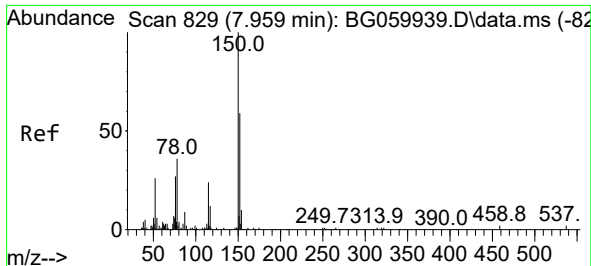
Quant Time: Dec 05 22:41:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.096	196	649836	46.442	ng	# 94
46) 1,1'-Biphenyl	13.431	154	1175396	46.205	ng	98
47) 2-Chloronaphthalene	13.472	162	1016110	44.644	ng	95
48) 2-Nitroaniline	13.672	65	211676	49.065	ng	93
49) Acenaphthylene	14.324	152	1458361	47.876	ng	97
50) Dimethylphthalate	14.054	163	1339919	45.218	ng	100
51) 2,6-Dinitrotoluene	14.172	165	280895	43.266	ng	97
52) Acenaphthene	14.665	154	877764	39.925	ng	96
53) 3-Nitroaniline	14.495	138	89987	22.342	ng	96
54) 2,4-Dinitrophenol	14.700	184	525734	92.843	ng	95
55) Dibenzofuran	15.000	168	1703869	45.947	ng	97
56) 4-Nitrophenol	14.800	139	286413	81.940	ng	# 88
57) 2,4-Dinitrotoluene	14.959	165	408963	45.292	ng	# 91
58) Fluorene	15.646	166	1458718	46.224	ng	# 98
59) 2,3,4,6-Tetrachlorophenol	15.217	232	786058	47.223	ng	99
60) Diethylphthalate	15.423	149	1199269	45.439	ng	99
61) 4-Chlorophenyl-phenyle...	15.640	204	1259045	43.981	ng	98
62) 4-Nitroaniline	15.664	138	191030	41.206	ng	96
63) Azobenzene	15.934	77	1100762	40.203	ng	94
65) 4,6-Dinitro-2-methylph...	15.717	198	382667	42.786	ng	96
66) n-Nitrosodiphenylamine	15.858	169	1316395	49.127	ng	98
67) 4-Bromophenyl-phenylether	16.539	248	919154	45.862	ng	98
68) Hexachlorobenzene	16.651	284	1049354	47.123	ng	99
69) Atrazine	16.804	200	743133	56.206	ng	98
70) Pentachlorophenol	16.992	266	1415978	87.750	ng	95
71) Phenanthrene	17.391	178	2592005	46.925	ng	98
72) Anthracene	17.479	178	2614980	46.315	ng	99
73) Carbazole	17.750	167	1961750	45.715	ng	97
74) Di-n-butylphthalate	18.320	149	1788582	48.188	ng	99
75) Fluoranthene	19.407	202	3774232	41.576	ng	99
77) Benzidine	19.583	184	118440	8.307	ng	96
78) Pyrene	19.765	202	3894527	43.257	ng	92
80) Butylbenzylphthalate	20.664	149	654494	51.245	ng	93
81) Benzo(a)anthracene	21.604	228	4934892	43.719	ng	95
82) 3,3'-Dichlorobenzidine	21.522	252	1013512	27.339	ng	99
83) Chrysene	21.669	228	4582402	43.300	ng	92
84) Bis(2-ethylhexyl)phtha...	21.522	149	1006871	51.521	ng	98
85) Di-n-octyl phthalate	22.732	149	1793758	53.111	ng	99
87) Indeno(1,2,3-cd)pyrene	28.467	276	6873071	49.494	ng	# 99
88) Benzo(b)fluoranthene	23.807	252	5510825	47.410	ng	98
89) Benzo(k)fluoranthene	23.872	252	5281280	46.628	ng	96
90) Benzo(a)pyrene	24.671	252	4869628	46.909	ng	96
91) Dibenzo(a,h)anthracene	28.537	278	5853304	49.645	ng	99
92) Benzo(g,h,i)perylene	29.606	276	5093921	44.672	ng	99

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

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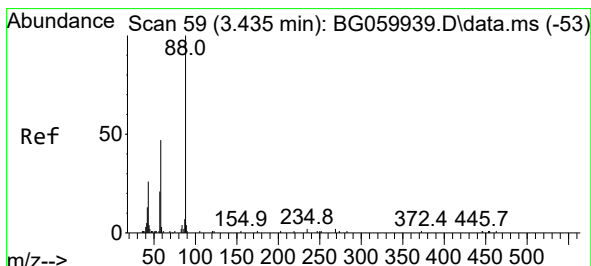
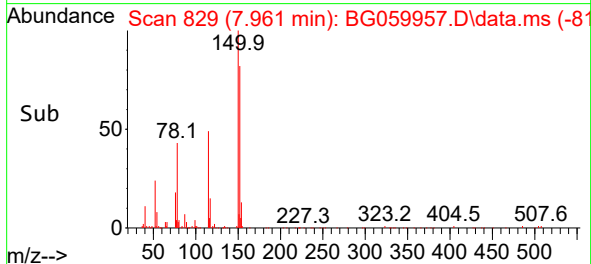
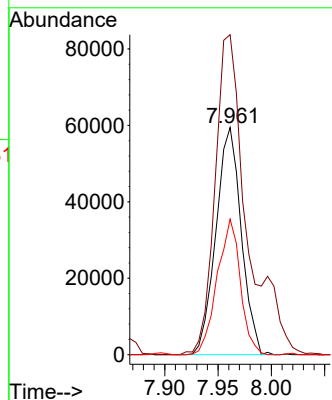
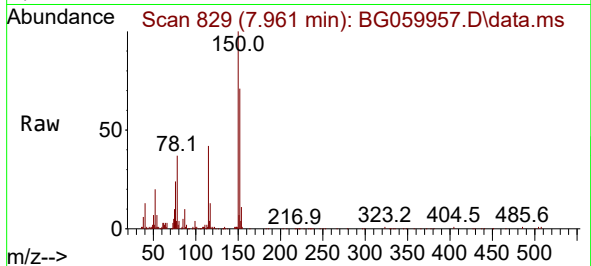




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.961 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

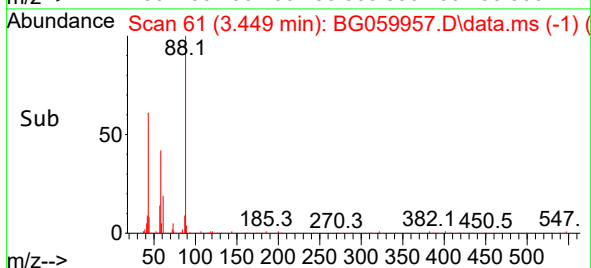
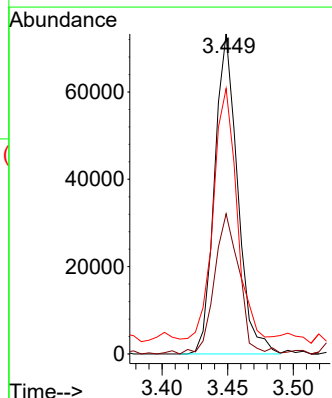
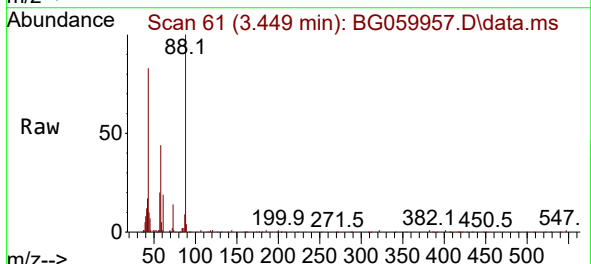
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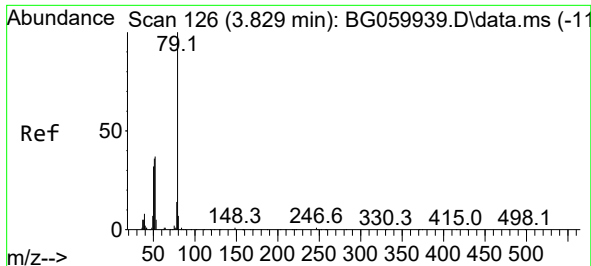
Tgt Ion:152 Resp: 98155
Ion Ratio Lower Upper
152 100
150 140.8 136.9 205.3
115 59.6 32.9 49.3#



#2
1,4-Dioxane
Concen: 54.162 ng
RT: 3.449 min Scan# 61
Delta R.T. 0.014 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion: 88 Resp: 89458
Ion Ratio Lower Upper
88 100
58 47.3 38.2 57.2
43 79.1 21.0 31.4#

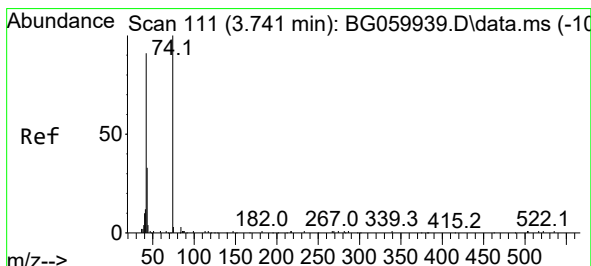
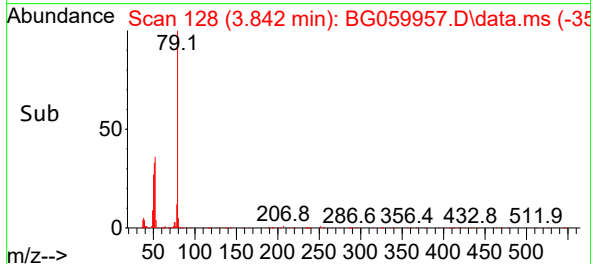
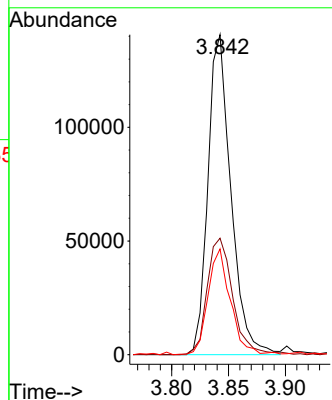
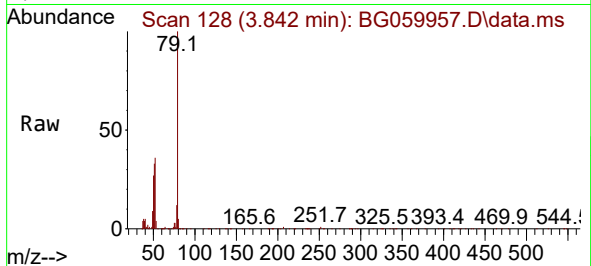




#3
Pyridine
Concen: 40.163 ng
RT: 3.842 min Scan# 11
Delta R.T. 0.014 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

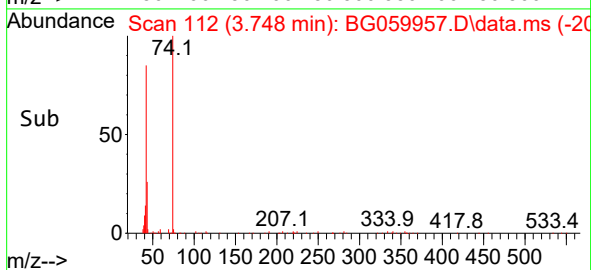
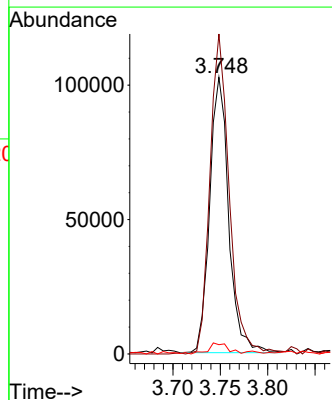
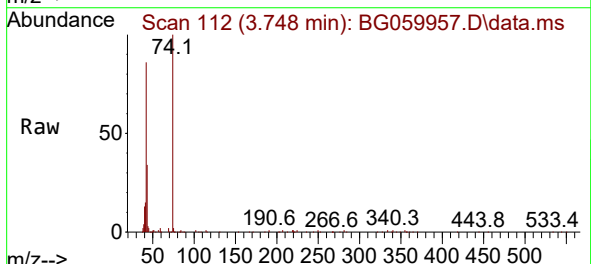
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BNA_G
ClientSampleId :
TP-1MSD

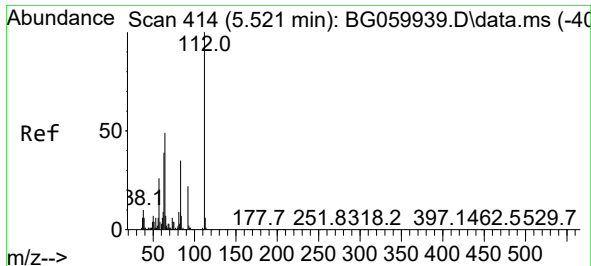
Tgt Ion: 79 Resp: 197969
Ion Ratio Lower Upper
79 100
52 36.4 29.8 44.8
51 33.1 30.3 45.5



#4
n-Nitrosodimethylamine
Concen: 55.175 ng
RT: 3.748 min Scan# 112
Delta R.T. 0.008 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion: 42 Resp: 142973
Ion Ratio Lower Upper
42 100
74 115.7 87.4 131.2
44 3.4 3.7 5.5#

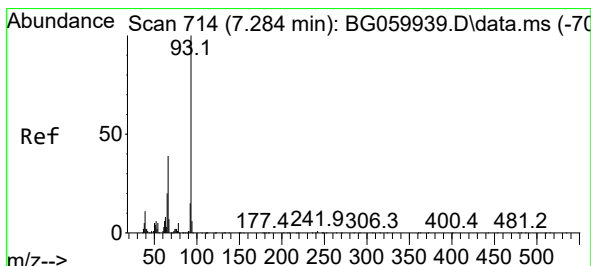
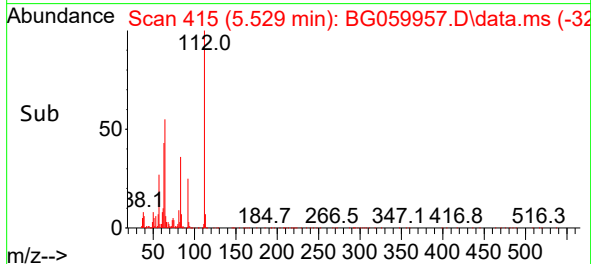
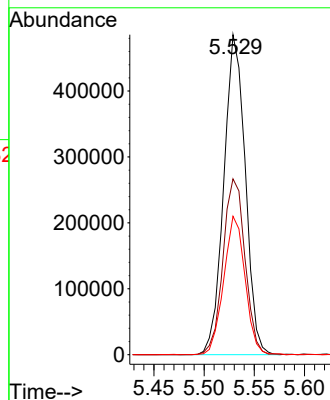
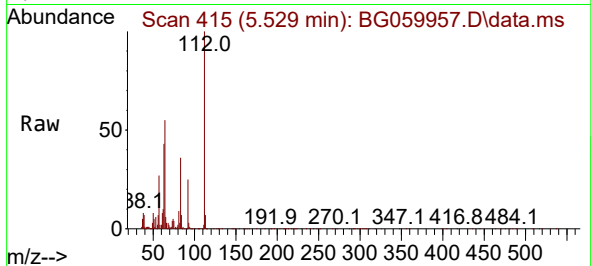




#5
2-Fluorophenol
Concen: 147.886 ng
RT: 5.529 min Scan# 414
Delta R.T. 0.008 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

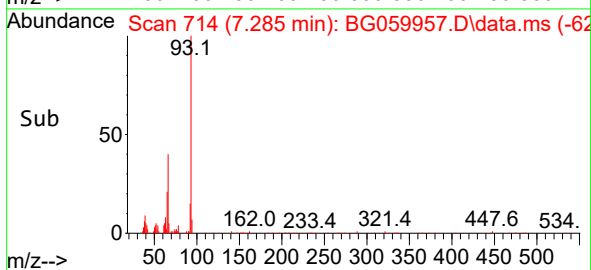
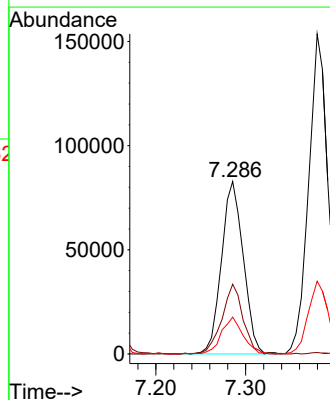
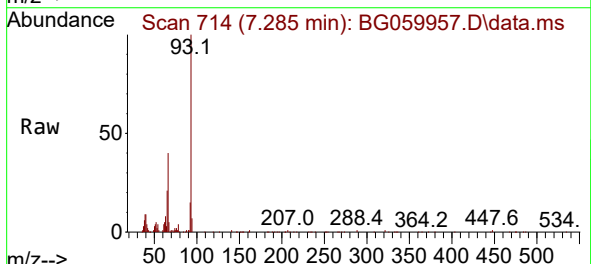
Instrument :
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ClientSampleId :
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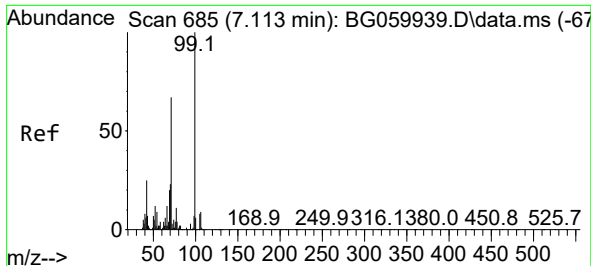
Tgt Ion:112 Resp: 722453
Ion Ratio Lower Upper
112 100
64 54.9 39.4 59.0
63 43.3 31.2 46.8



#6
Aniline
Concen: 16.430 ng
RT: 7.285 min Scan# 714
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion: 93 Resp: 139623
Ion Ratio Lower Upper
93 100
66 40.5 31.4 47.0
65 21.3 16.2 24.2

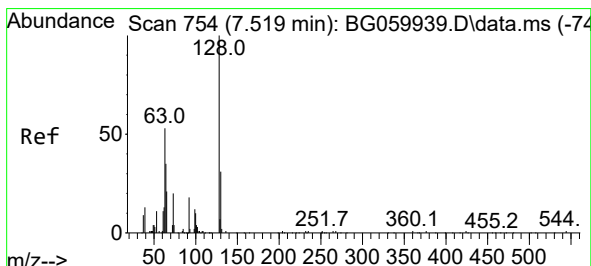
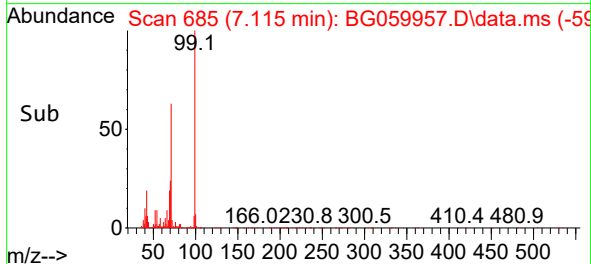
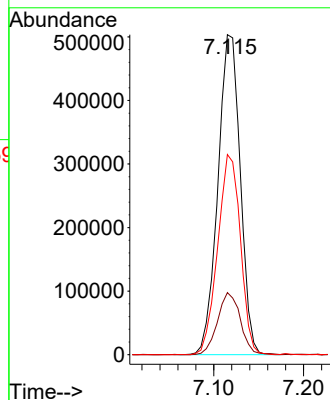
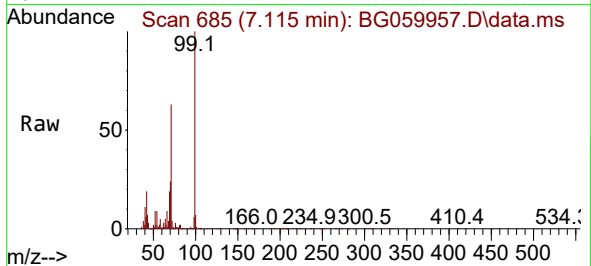




#7
Phenol-d6
Concen: 113.254 ng
RT: 7.115 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

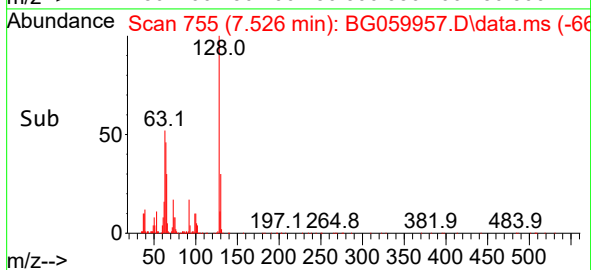
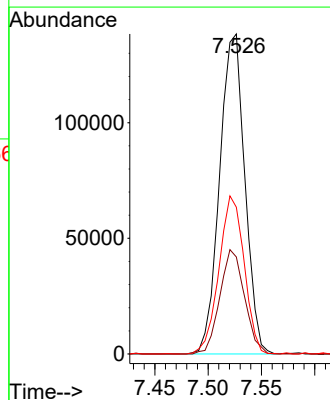
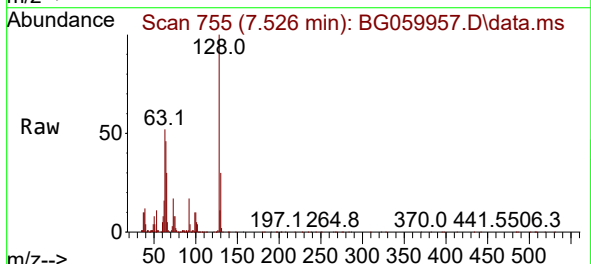
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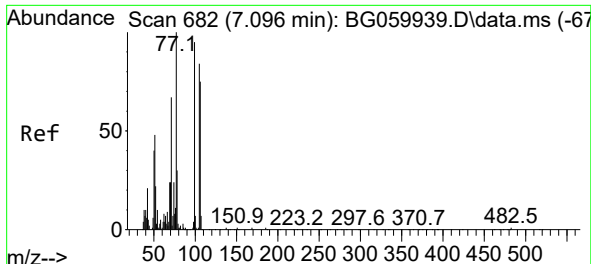
Tgt Ion: 99 Resp: 872019
Ion Ratio Lower Upper
99 100
42 19.4 20.1 30.1#
71 62.5 53.8 80.6



#8
2-Chlorophenol
Concen: 47.785 ng
RT: 7.526 min Scan# 755
Delta R.T. 0.008 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:128 Resp: 227706
Ion Ratio Lower Upper
128 100
130 30.3 10.9 50.9
64 45.9 30.3 70.3

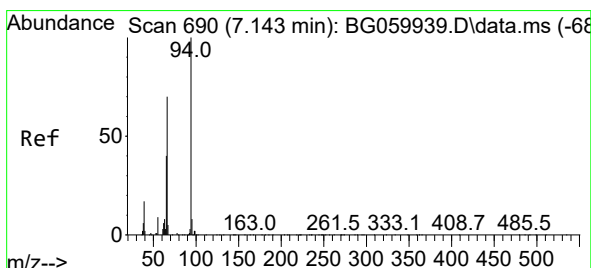
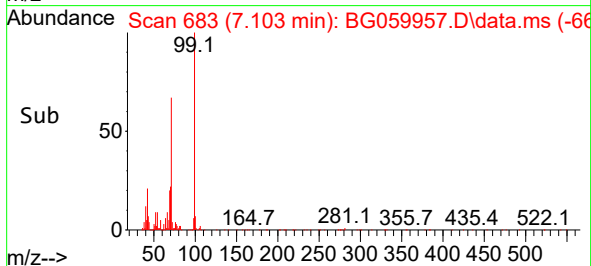
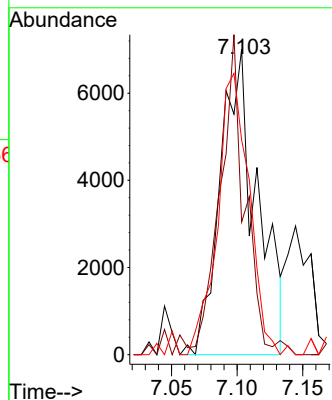
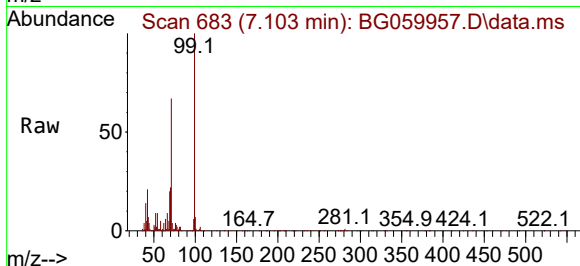




#9
Benzaldehyde
Concen: 2.409 ng
RT: 7.103 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

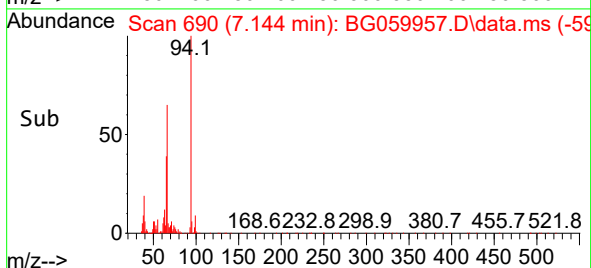
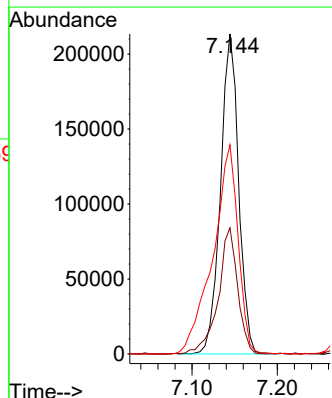
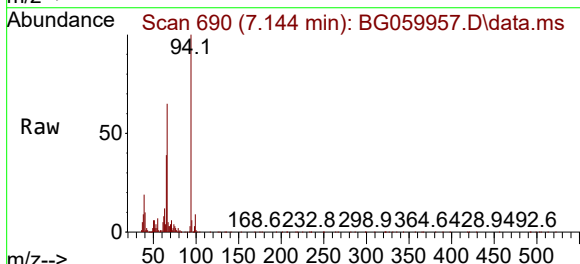
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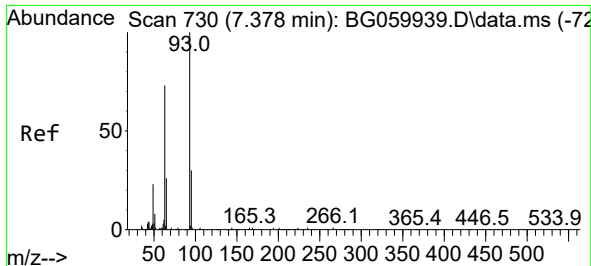
Tgt Ion: 77 Resp: 13777
Ion Ratio Lower Upper
77 100
105 43.4 64.2 104.2#
106 75.1 55.6 95.6



#10
Phenol
Concen: 40.971 ng
RT: 7.144 min Scan# 690
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion: 94 Resp: 315547
Ion Ratio Lower Upper
94 100
65 39.4 20.6 60.6
66 65.3 52.1 92.1

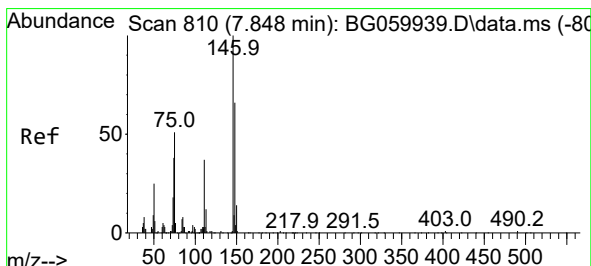
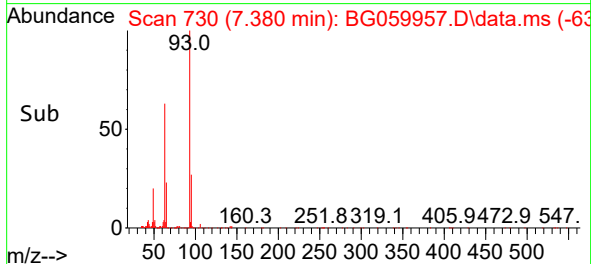
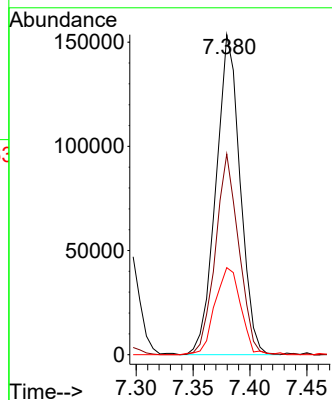
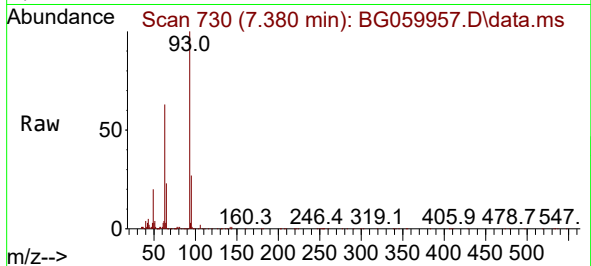




#11
bis(2-Chloroethyl)ether
Concen: 42.508 ng
RT: 7.380 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

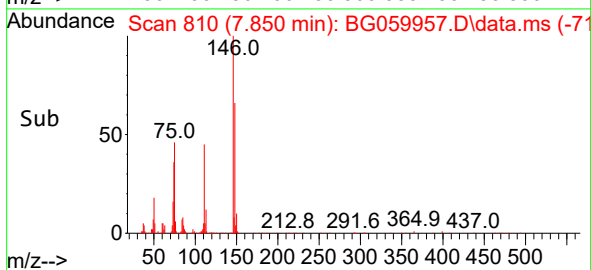
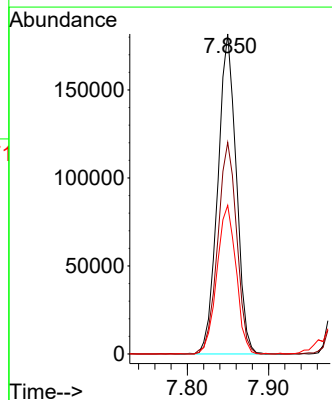
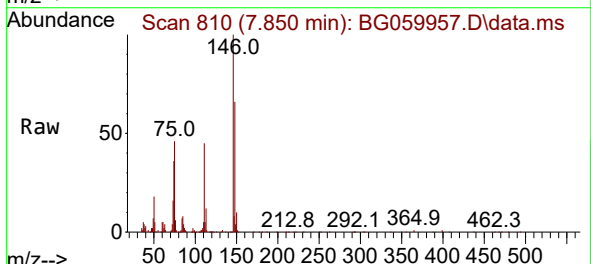
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

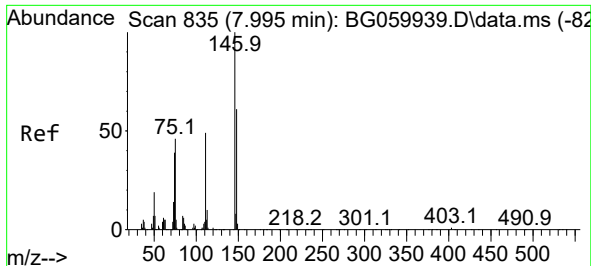
Tgt Ion: 93 Resp: 227826
Ion Ratio Lower Upper
93 100
63 62.7 52.9 92.9
95 27.2 9.9 49.9



#12
1,3-Dichlorobenzene
Concen: 41.967 ng
RT: 7.850 min Scan# 810
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:146 Resp: 287816
Ion Ratio Lower Upper
146 100
148 66.1 52.9 79.3
75 46.5 40.7 61.1

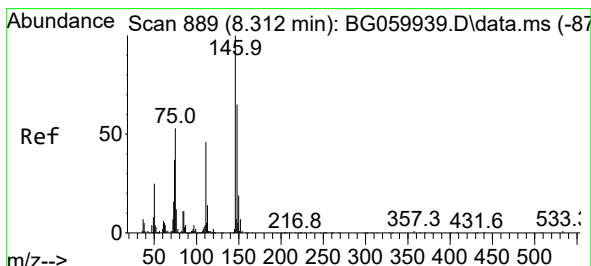
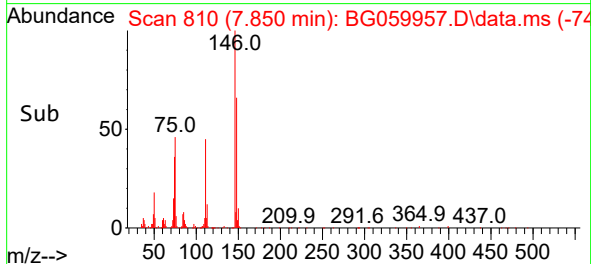
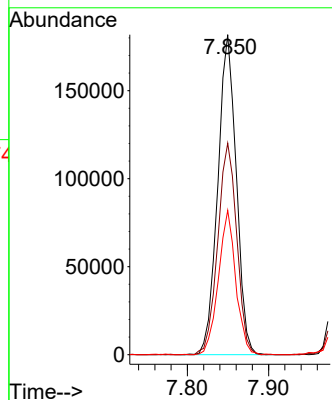
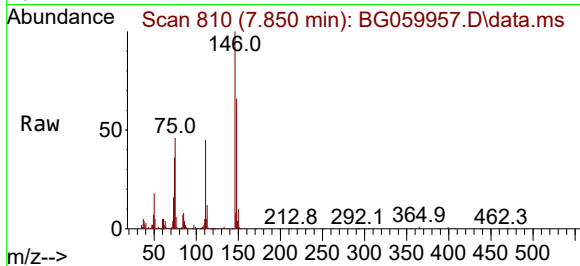




#13
1,4-Dichlorobenzene
Concen: 40.541 ng
RT: 7.850 min Scan# 81
Delta R.T. -0.145 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

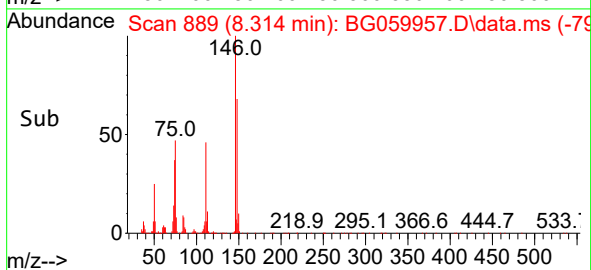
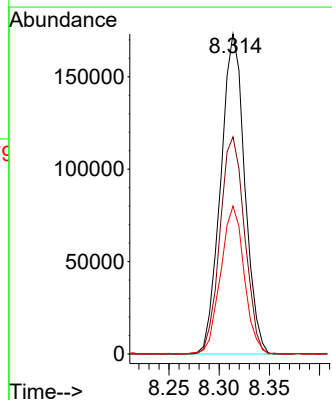
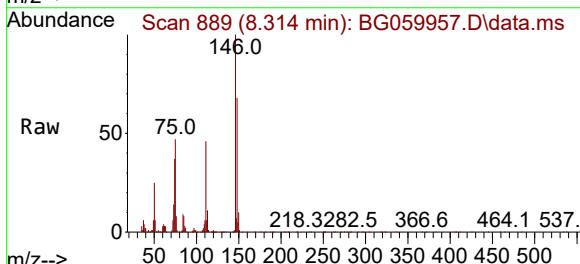
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

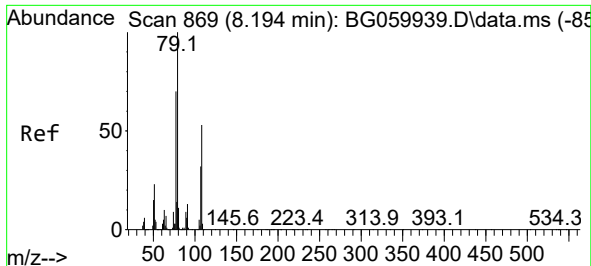
Tgt Ion:146 Resp: 287816
Ion Ratio Lower Upper
146 100
148 66.1 48.8 73.2
111 45.1 39.1 58.7



#14
1,2-Dichlorobenzene
Concen: 41.464 ng
RT: 8.314 min Scan# 889
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:146 Resp: 288587
Ion Ratio Lower Upper
146 100
148 67.9 52.4 78.6
111 46.2 36.7 55.1

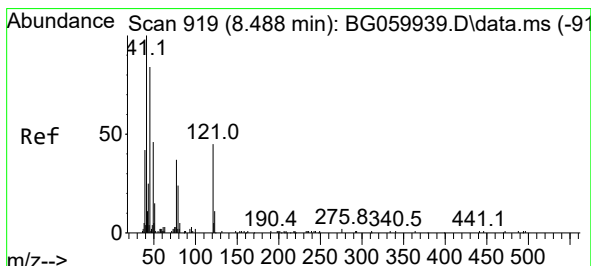
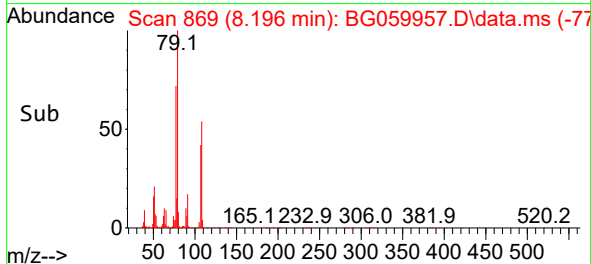
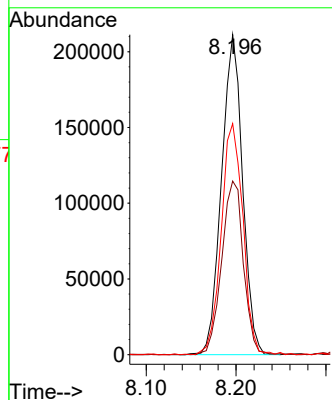
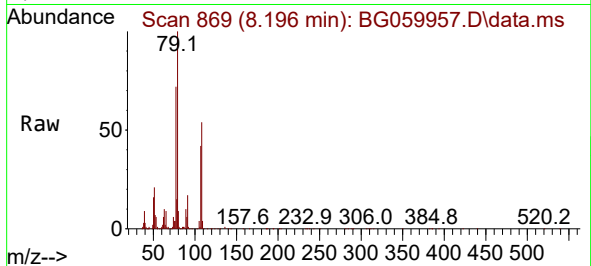




#15
Benzyl Alcohol
Concen: 45.117 ng
RT: 8.196 min Scan# 869
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

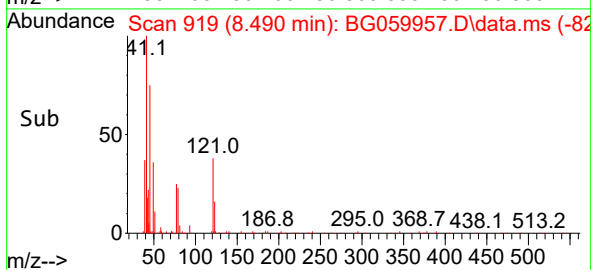
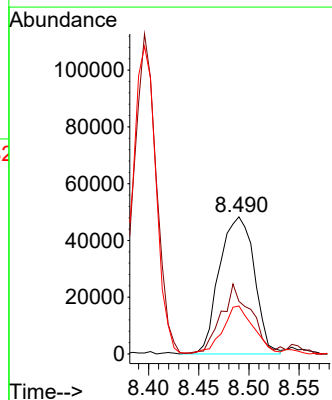
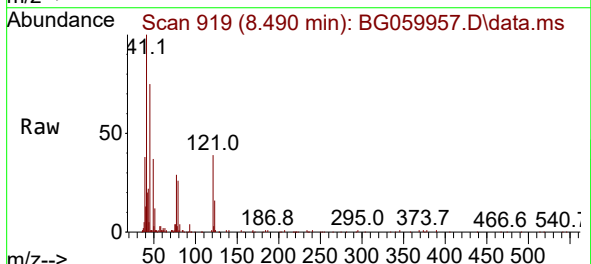
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

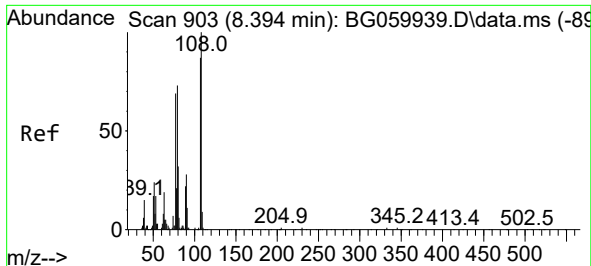
Tgt Ion: 79 Resp: 343294
Ion Ratio Lower Upper
79 100
108 54.3 42.7 64.1
77 72.2 56.3 84.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.617 ng
RT: 8.490 min Scan# 919
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion: 45 Resp: 117142
Ion Ratio Lower Upper
45 100
77 38.4 26.2 66.2
79 35.0 11.2 51.2





#17

2-Methylphenol

Concen: 44.452 ng

RT: 8.396 min Scan# 90

Delta R.T. 0.002 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:107 Resp: 230696

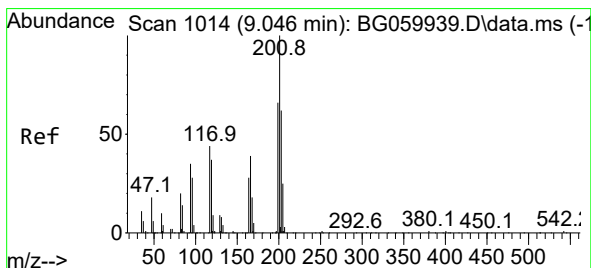
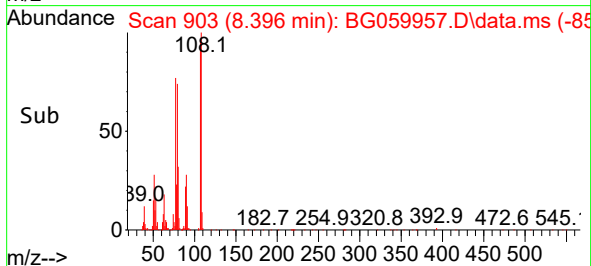
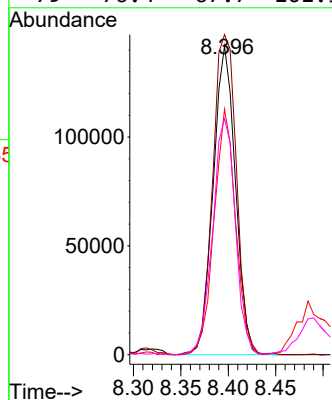
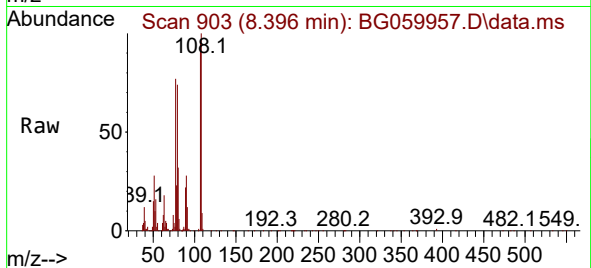
Ion Ratio Lower Upper

107 100

108 103.7 92.2 138.4

77 79.5 63.7 95.5

79 76.4 67.7 101.5



#18

Hexachloroethane

Concen: 38.749 ng

RT: 9.042 min Scan# 1013

Delta R.T. -0.004 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

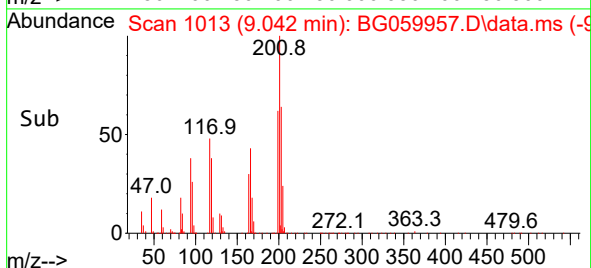
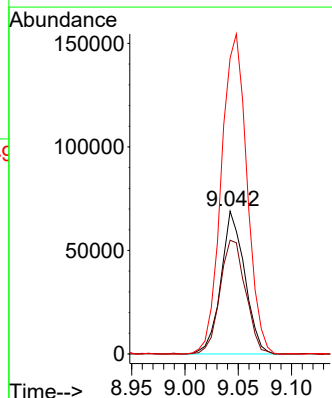
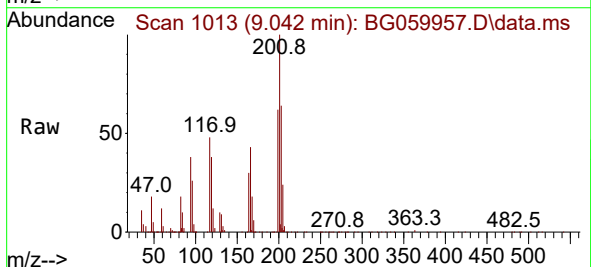
Tgt Ion:117 Resp: 106737

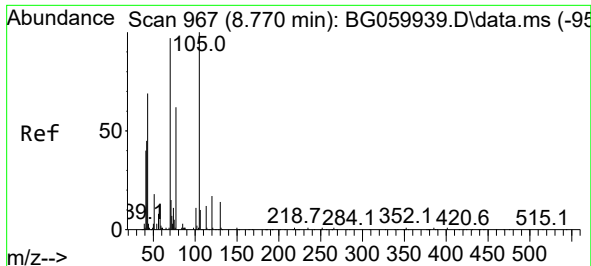
Ion Ratio Lower Upper

117 100

119 79.8 67.5 101.3

201 216.3 183.0 274.6



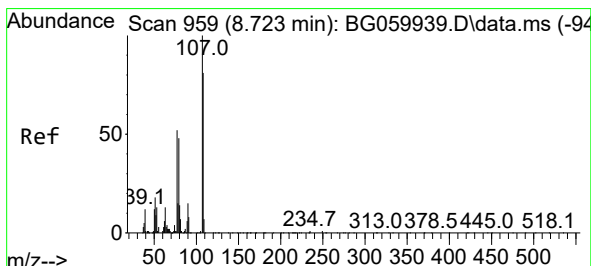
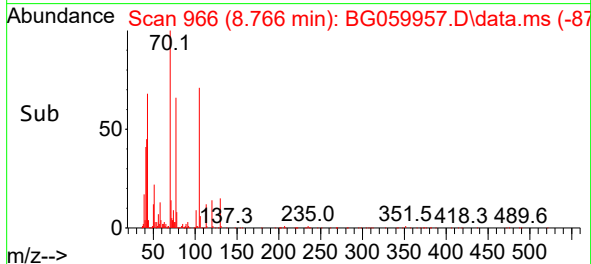
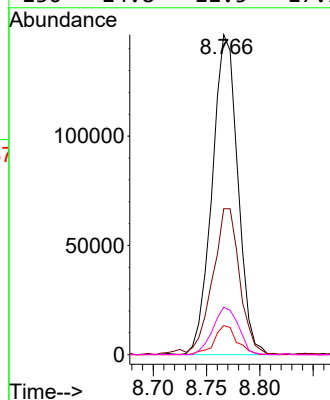
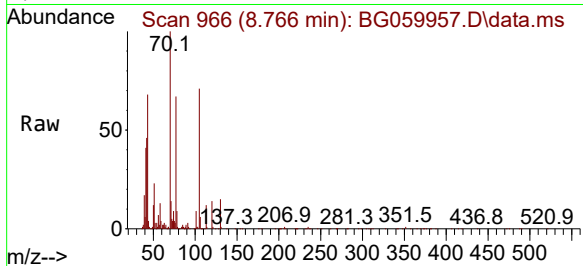


#19
n-Nitroso-di-n-propylamine
Concen: 42.451 ng
RT: 8.766 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion: 70 Resp: 244955

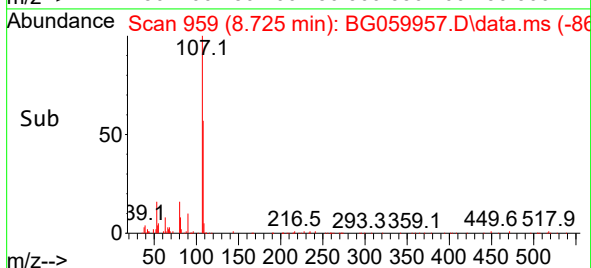
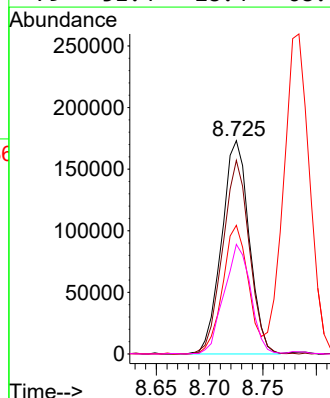
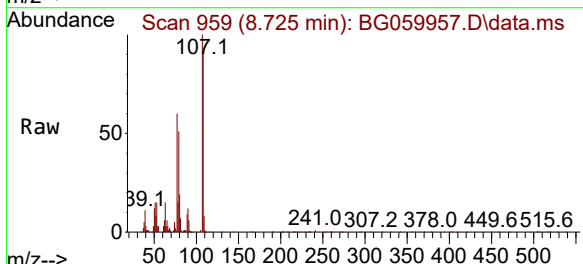
Ion	Ratio	Lower	Upper
70	100		
42	45.6	38.1	57.1
101	9.1	8.6	13.0
130	14.8	11.5	17.3

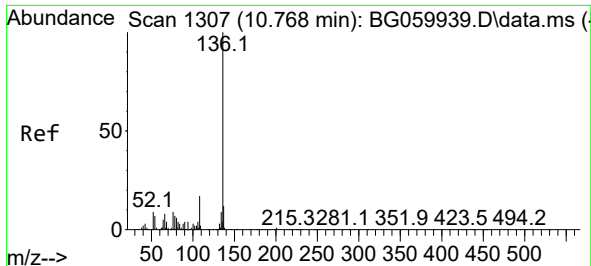


#20
3+4-Methylphenols
Concen: 42.221 ng
RT: 8.725 min Scan# 959
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion: 107 Resp: 310931

Ion	Ratio	Lower	Upper
107	100		
108	90.7	60.7	100.7
77	60.3	32.2	72.2
79	51.4	28.4	68.4

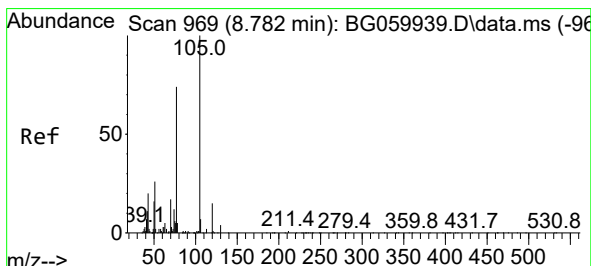
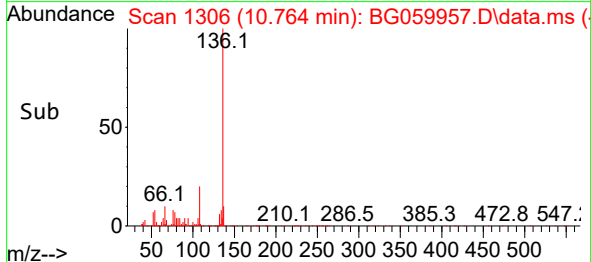
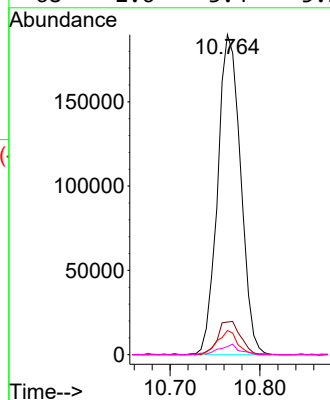
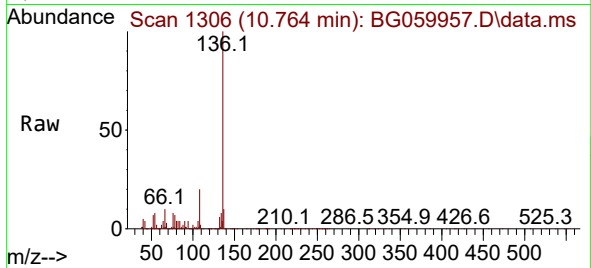




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.764 min Scan# 1306
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

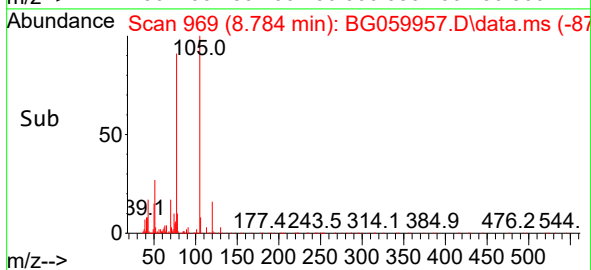
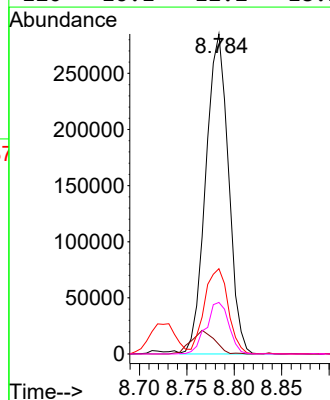
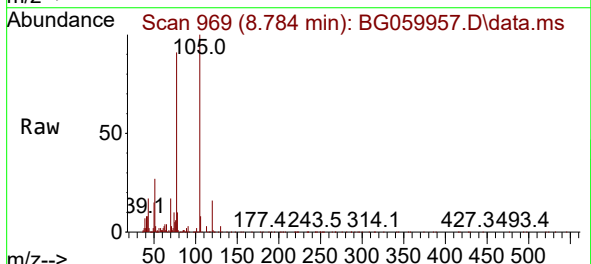
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

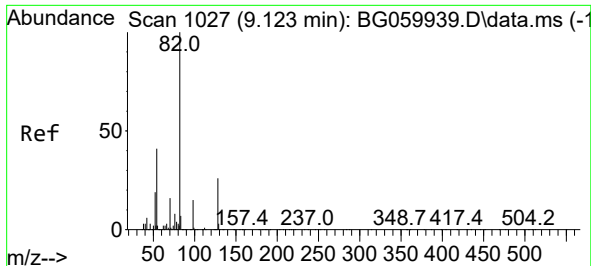
Tgt Ion:136 Resp: 336976
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 7.6 5.8 8.6
68 2.6 3.4 5.2#



#22
Acetophenone
Concen: 44.002 ng
RT: 8.784 min Scan# 969
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:105 Resp: 473819
Ion Ratio Lower Upper
105 100
71 2.9 3.0 4.4#
51 26.7 24.4 36.6
120 16.1 12.2 18.2

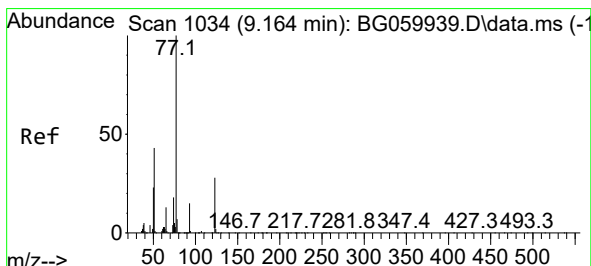
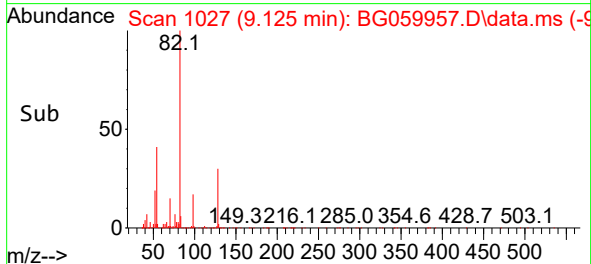
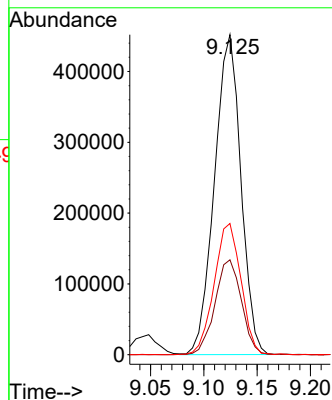
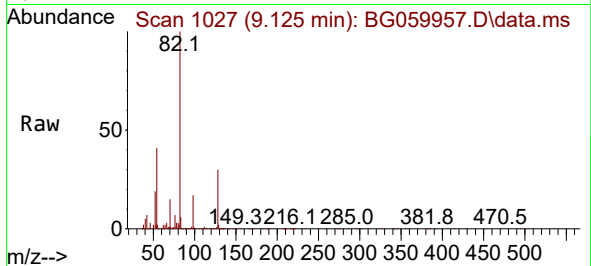




#23
Nitrobenzene-d5
Concen: 82.469 ng
RT: 9.125 min Scan# 1027
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

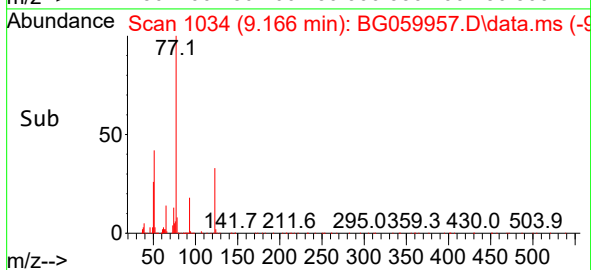
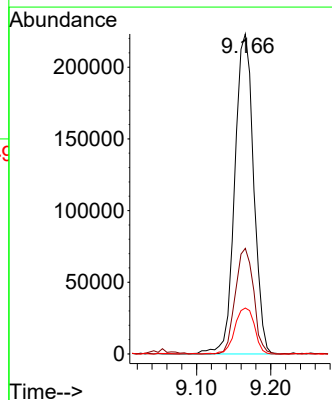
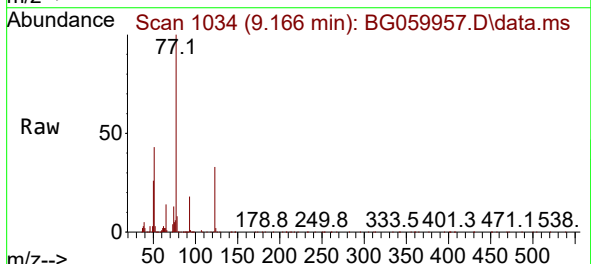
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

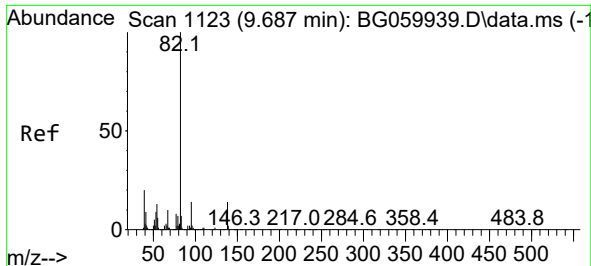
Tgt Ion: 82 Resp: 777413
Ion Ratio Lower Upper
82 100
128 29.6 21.0 31.6
54 41.0 32.6 48.8



#24
Nitrobenzene
Concen: 41.726 ng
RT: 9.166 min Scan# 1034
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion: 77 Resp: 393589
Ion Ratio Lower Upper
77 100
123 33.0 22.7 34.1
65 14.3 10.6 16.0

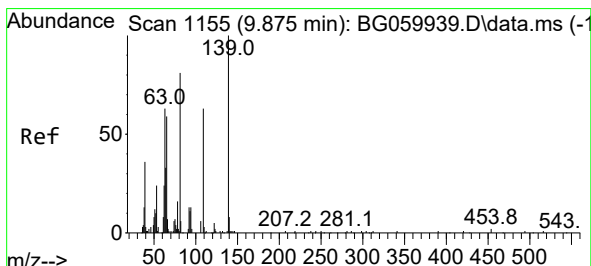
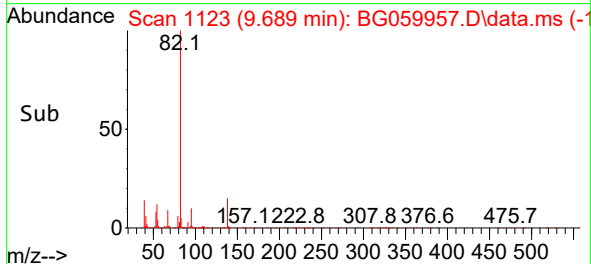
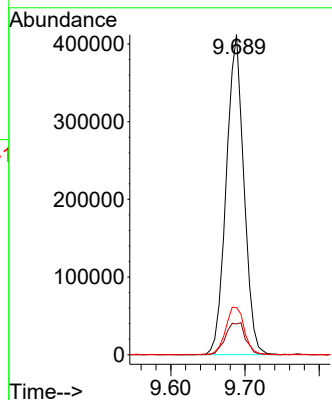
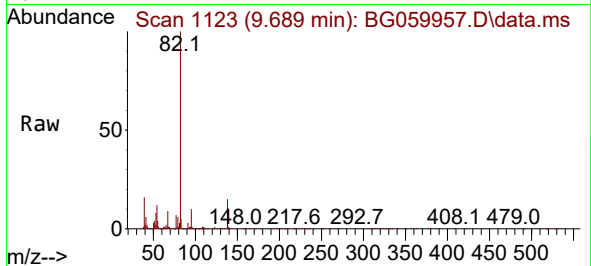




#25
Isophorone
Concen: 41.834 ng
RT: 9.689 min Scan# 1123
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

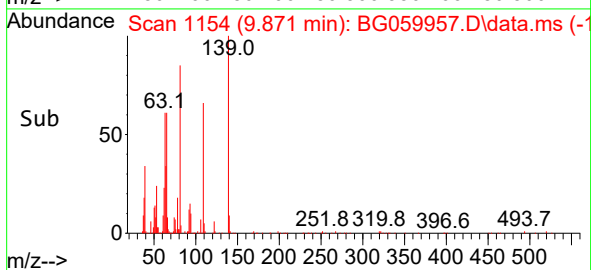
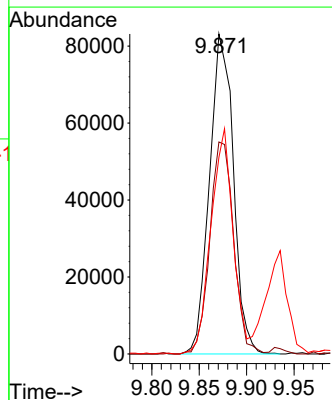
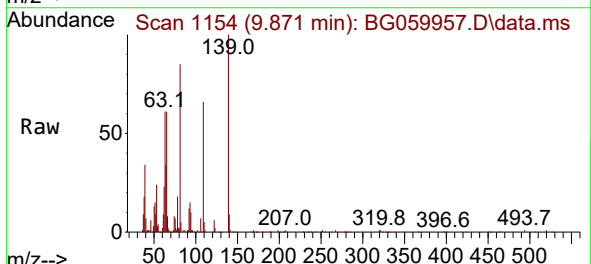
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

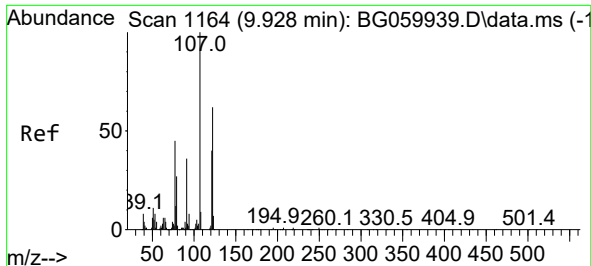
Tgt Ion: 82 Resp: 678017
Ion Ratio Lower Upper
82 100
95 9.6 11.2 16.8#
138 14.7 11.0 16.4



#26
2-Nitrophenol
Concen: 48.583 ng
RT: 9.871 min Scan# 1154
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:139 Resp: 145733
Ion Ratio Lower Upper
139 100
109 66.3 50.2 75.2
65 61.5 46.8 70.2





#27

2,4-Dimethylphenol

Concen: 53.809 ng

RT: 9.929 min Scan# 1164

Delta R.T. 0.002 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

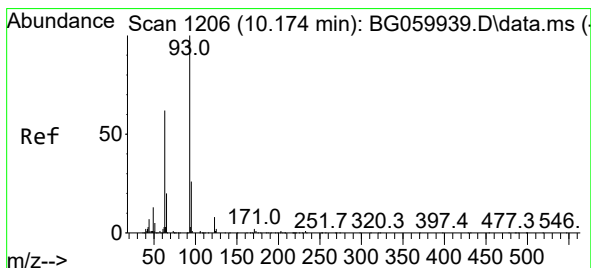
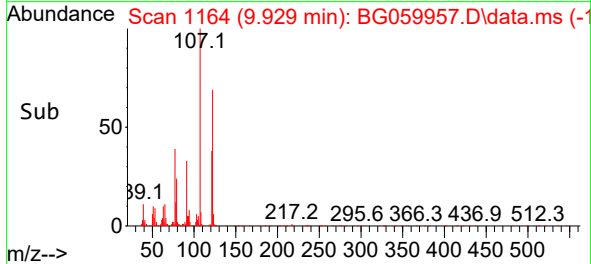
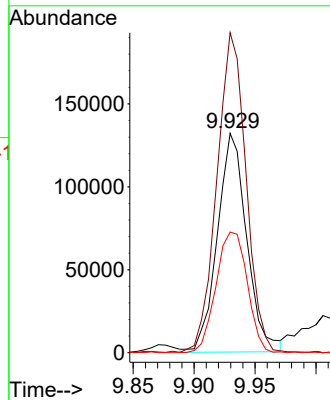
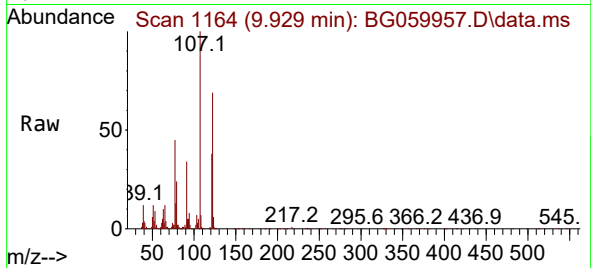
Tgt Ion:122 Resp: 221557

Ion Ratio Lower Upper

122 100

107 145.9 126.1 189.1

121 55.0 50.3 75.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.560 ng

RT: 10.170 min Scan# 1205

Delta R.T. -0.004 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

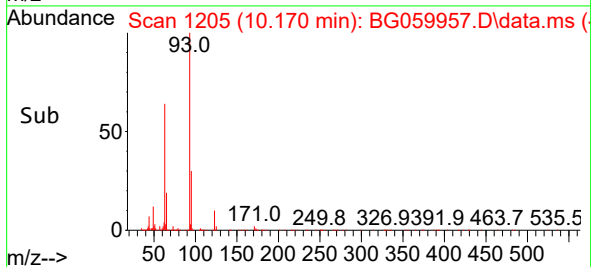
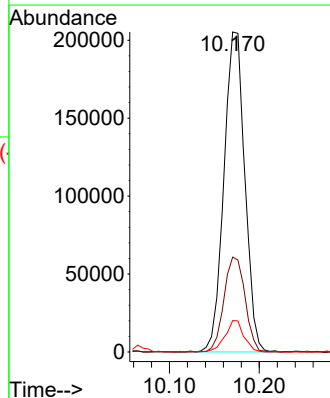
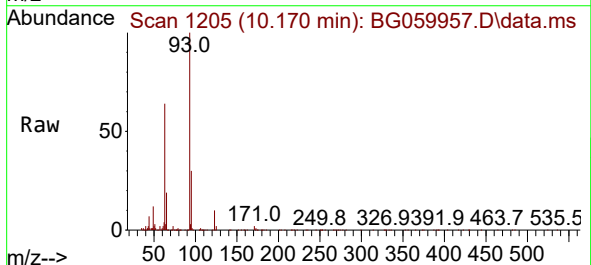
Tgt Ion: 93 Resp: 331684

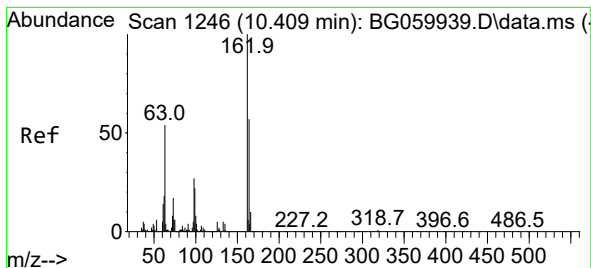
Ion Ratio Lower Upper

93 100

95 29.7 21.0 31.4

123 9.8 6.7 10.1

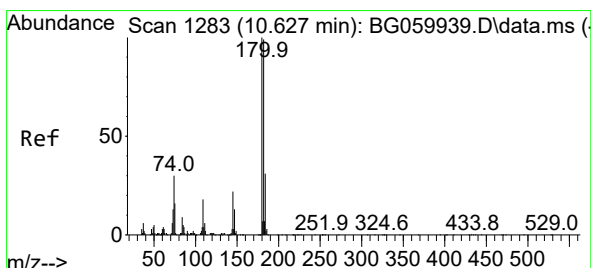
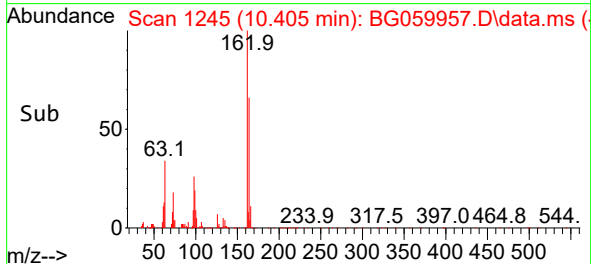
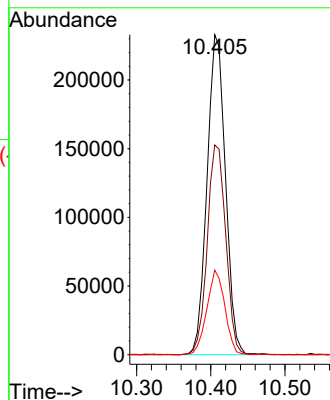
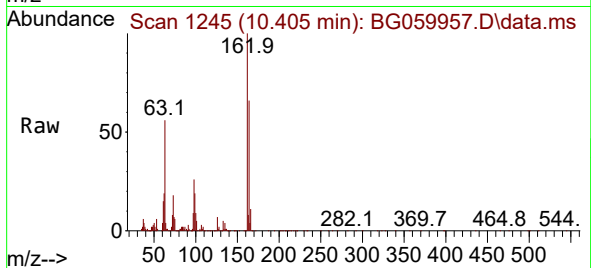




#29
2,4-Dichlorophenol
Concen: 49.076 ng
RT: 10.405 min Scan# 1245
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

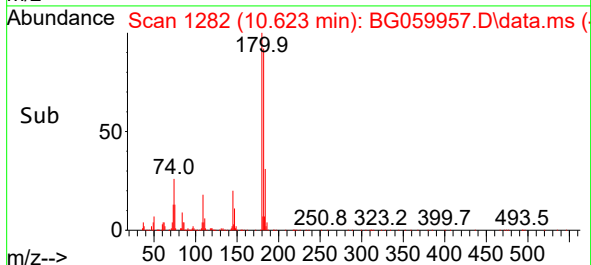
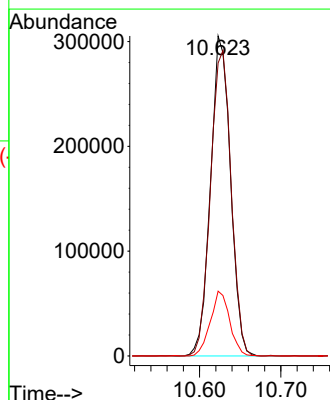
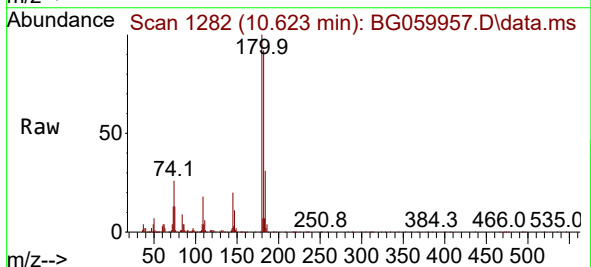
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

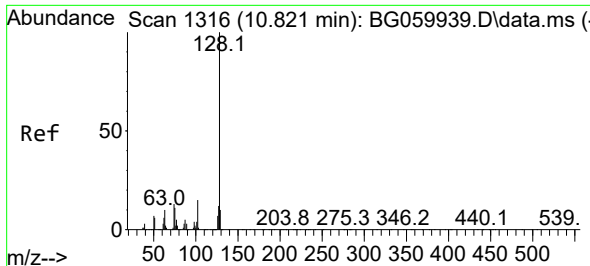
Tgt Ion:162 Resp: 402339
Ion Ratio Lower Upper
162 100
164 65.6 36.7 76.7
98 26.4 7.4 47.4



#30
1,2,4-Trichlorobenzene
Concen: 43.612 ng
RT: 10.623 min Scan# 1282
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:180 Resp: 521377
Ion Ratio Lower Upper
180 100
182 91.5 79.0 118.6
145 20.3 17.4 26.0

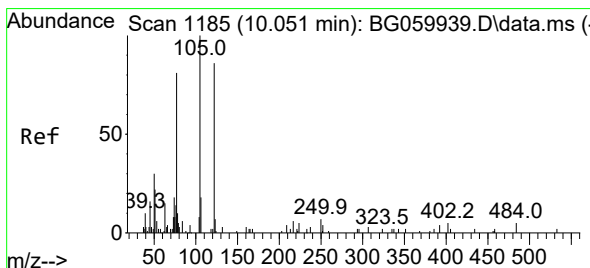
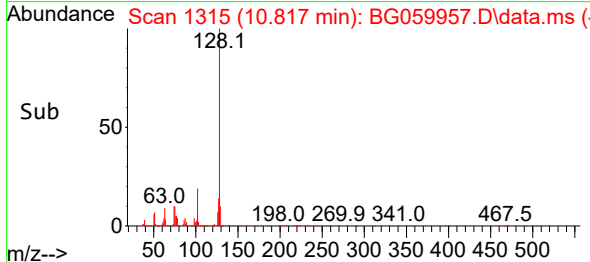
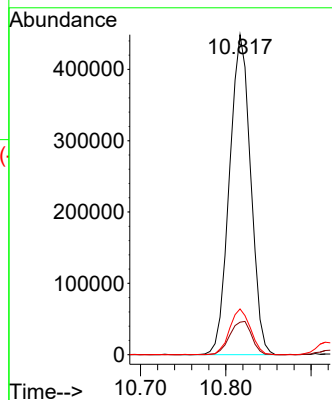
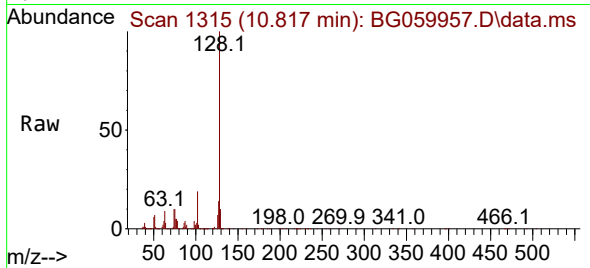




#31
Naphthalene
Concen: 44.709 ng
RT: 10.817 min Scan# 1115
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

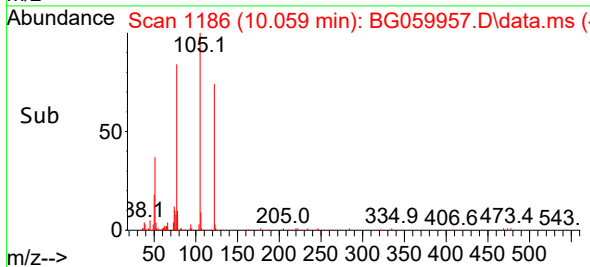
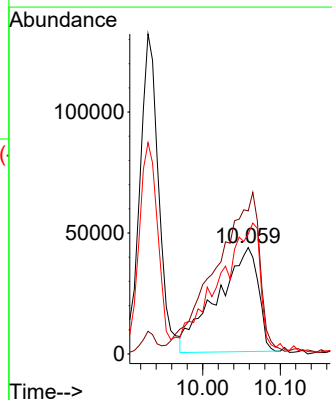
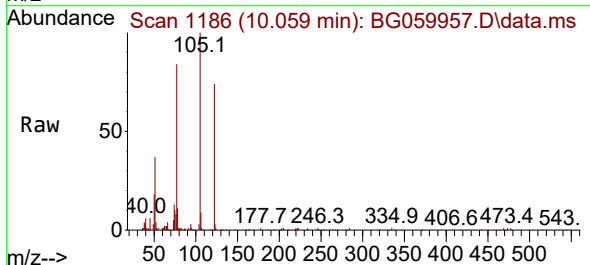
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

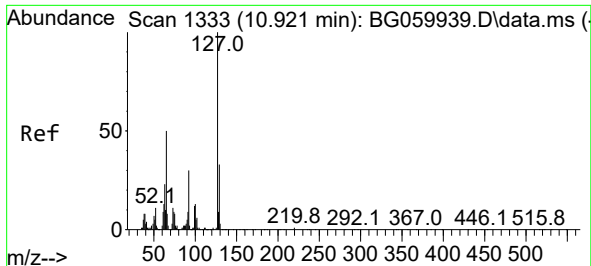
Tgt Ion:128 Resp: 774436
Ion Ratio Lower Upper
128 100
129 10.1 7.6 11.4
127 14.3 9.9 14.9



#32
Benzoic acid
Concen: 40.467 ng
RT: 10.059 min Scan# 1186
Delta R.T. 0.008 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:122 Resp: 158887
Ion Ratio Lower Upper
122 100
105 134.4 123.9 163.9
77 112.6 94.6 134.6

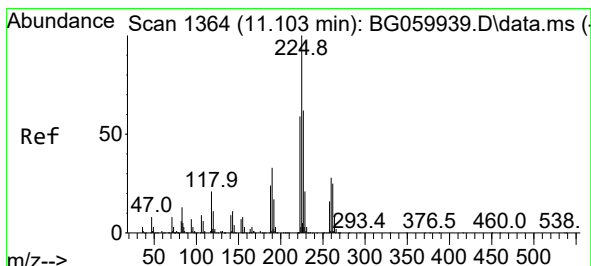
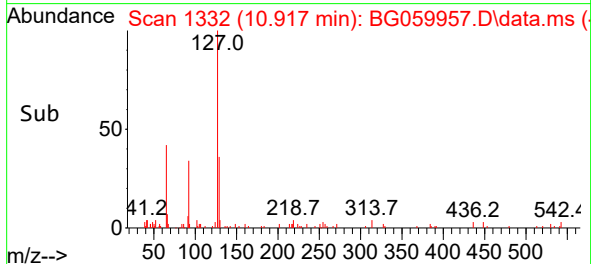
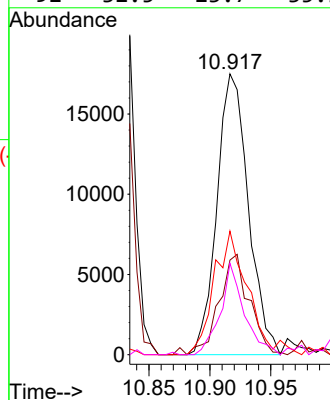
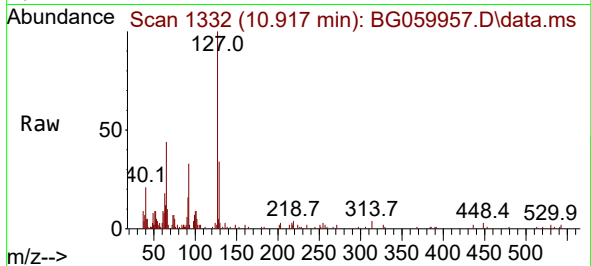




#33
4-Chloroaniline
Concen: 4.648 ng
RT: 10.917 min Scan# 1332
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

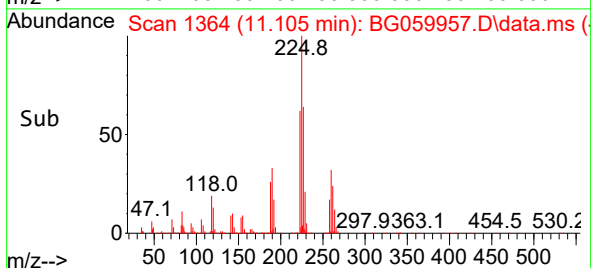
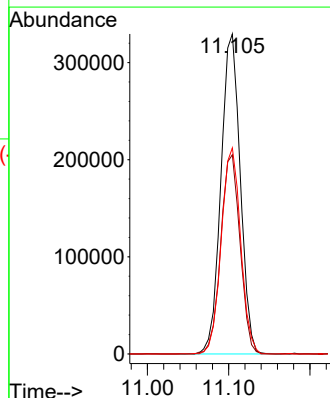
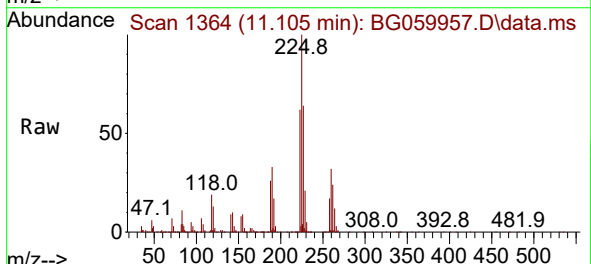
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

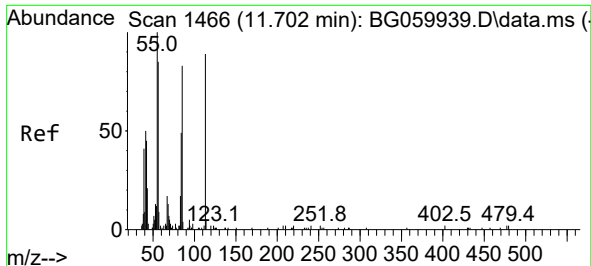
Tgt Ion:	127	Resp:	31400
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.6	40.0
65	44.0	40.4	60.6
92	32.5	23.7	35.5



#34
Hexachlorobutadiene
Concen: 40.572 ng
RT: 11.105 min Scan# 1364
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:	225	Resp:	543812
Ion	Ratio	Lower	Upper
225	100		
223	62.3	47.0	70.6
227	64.4	50.2	75.4

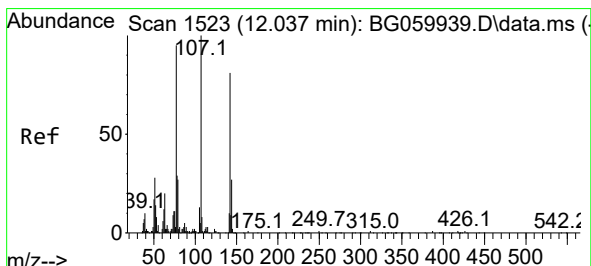
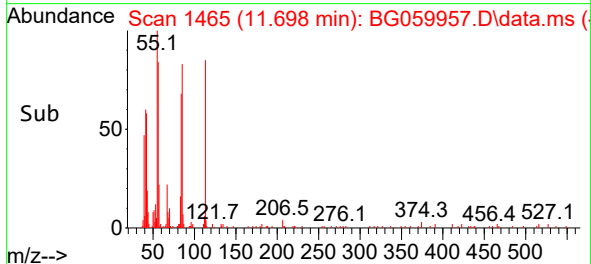
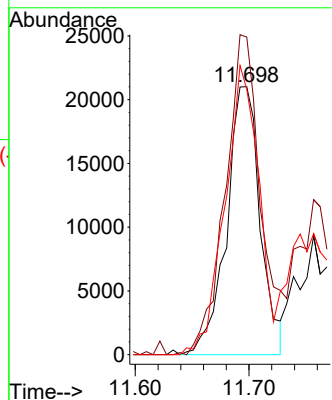
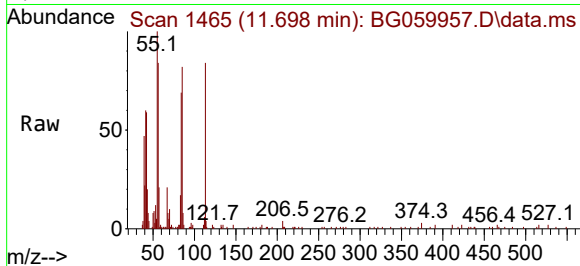




#35
 Caprolactam
 Concen: 24.928 ng
 RT: 11.698 min Scan# 1466
 Delta R.T. -0.004 min
 Lab File: BG059957.D
 Acq: 5 Dec 2023 20:09

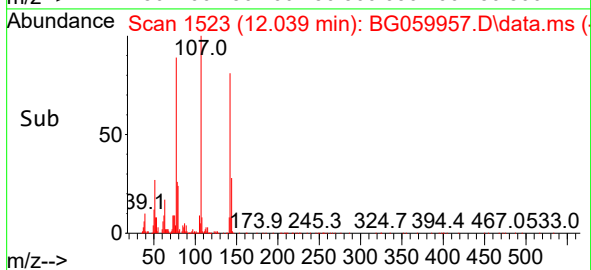
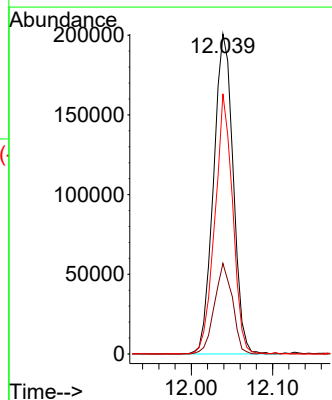
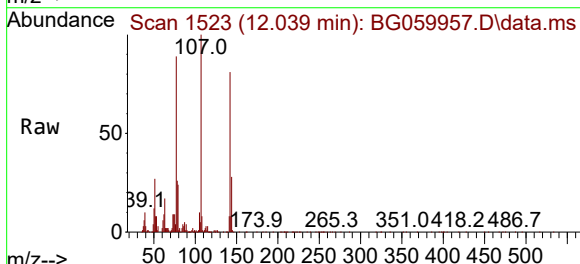
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

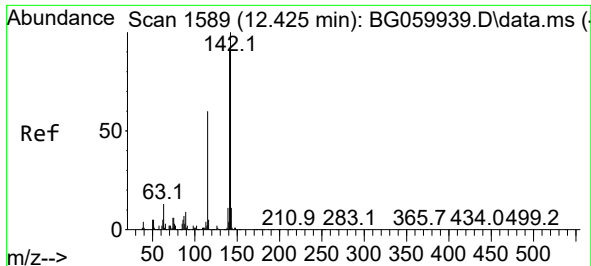
Tgt Ion:113 Resp: 42982
 Ion Ratio Lower Upper
 113 100
 55 118.5 93.5 133.5
 56 99.0 74.9 114.9



#36
 4-Chloro-3-methylphenol
 Concen: 50.030 ng
 RT: 12.039 min Scan# 1523
 Delta R.T. 0.002 min
 Lab File: BG059957.D
 Acq: 5 Dec 2023 20:09

Tgt Ion:107 Resp: 337763
 Ion Ratio Lower Upper
 107 100
 144 28.3 21.6 32.4
 142 81.3 64.6 97.0

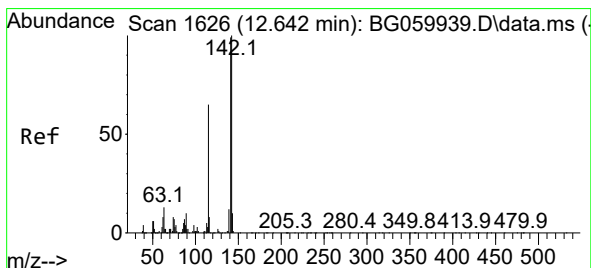
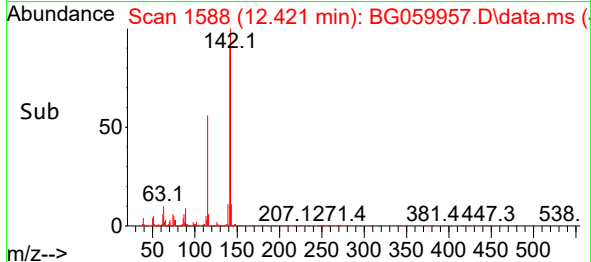
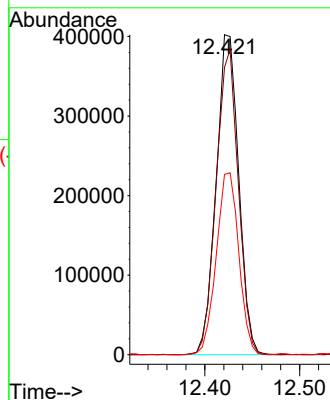
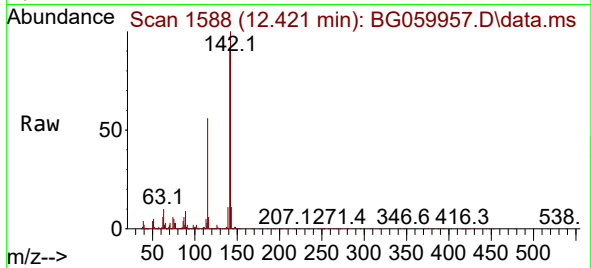




#37
2-Methylnaphthalene
Concen: 45.280 ng
RT: 12.421 min Scan# 1589
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

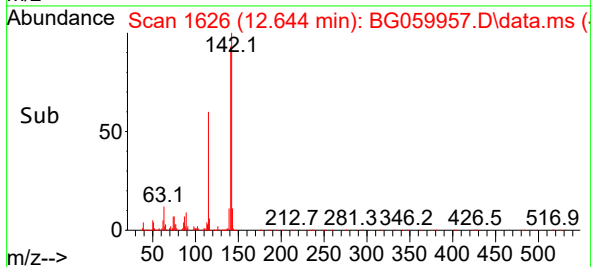
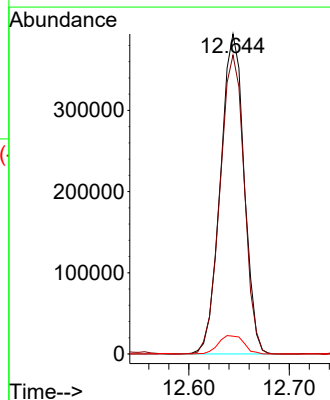
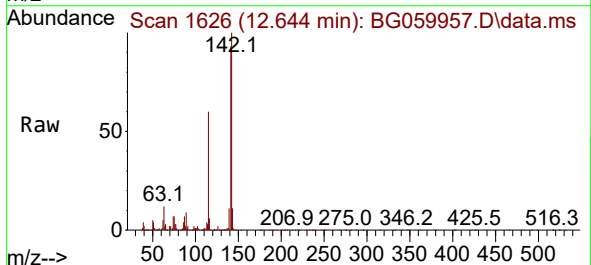
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

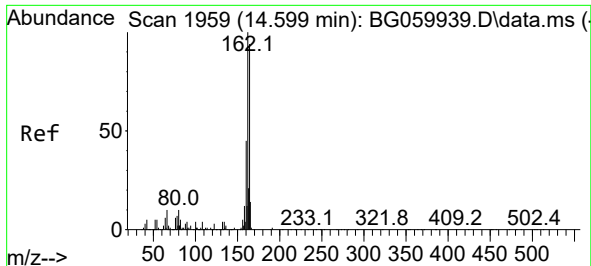
Tgt Ion:142 Resp: 665730
Ion Ratio Lower Upper
142 100
141 89.8 73.4 110.2
115 56.4 48.1 72.1



#38
1-Methylnaphthalene
Concen: 45.057 ng
RT: 12.644 min Scan# 1626
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:142 Resp: 646946
Ion Ratio Lower Upper
142 100
141 93.4 79.4 119.2
116 5.6 6.2 9.4#

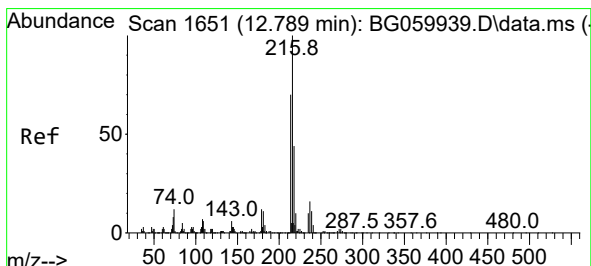
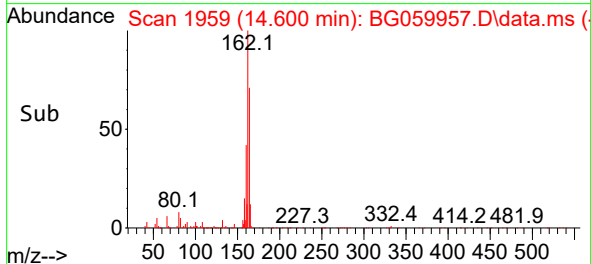
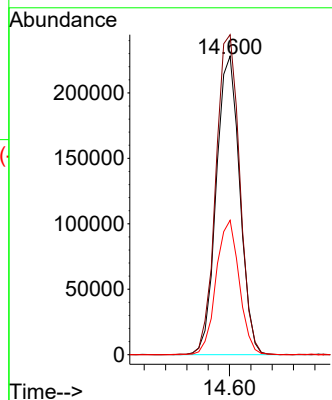
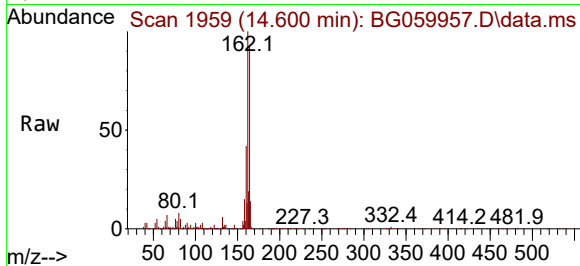




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.600 min Scan# 1959
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

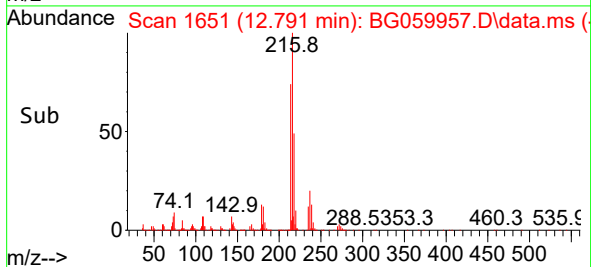
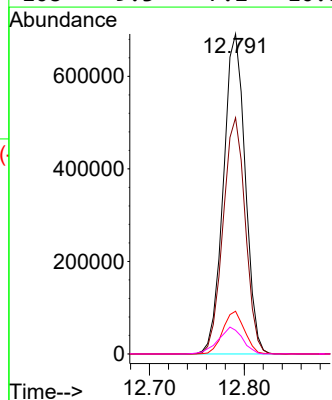
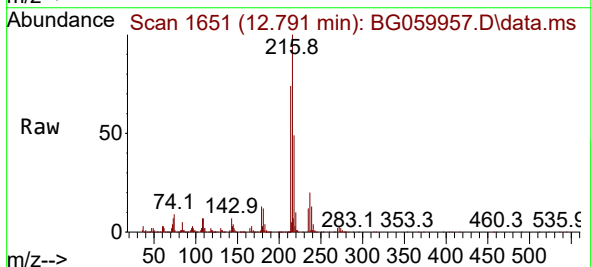
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

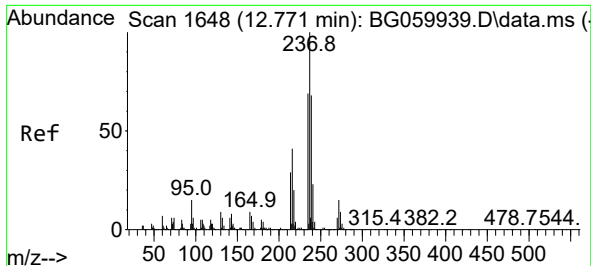
Tgt Ion:164 Resp: 348094
Ion Ratio Lower Upper
164 100
162 107.2 85.0 127.6
160 45.0 38.1 57.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.427 ng
RT: 12.791 min Scan# 1651
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:216 Resp: 1103997
Ion Ratio Lower Upper
216 100
214 75.1 58.3 87.5
179 13.2 10.2 15.4
108 9.3 7.2 10.8

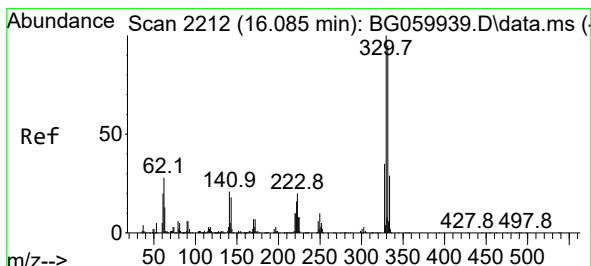
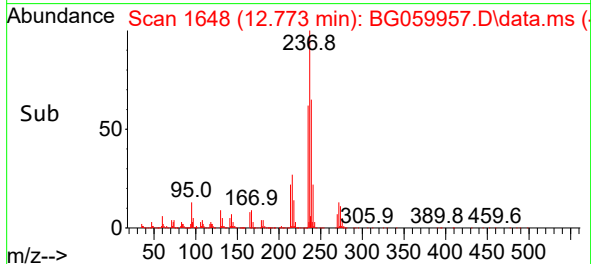
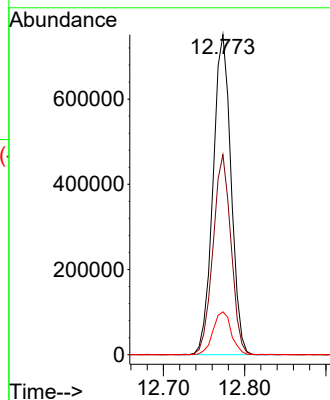
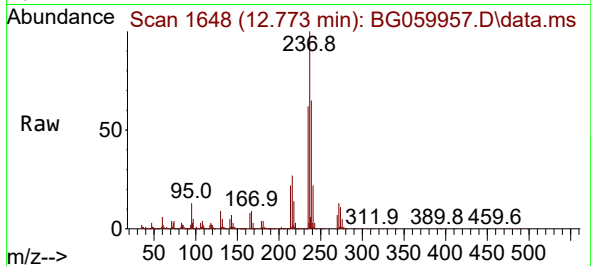




#41
Hexachlorocyclopentadiene
Concen: 91.652 ng
RT: 12.773 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

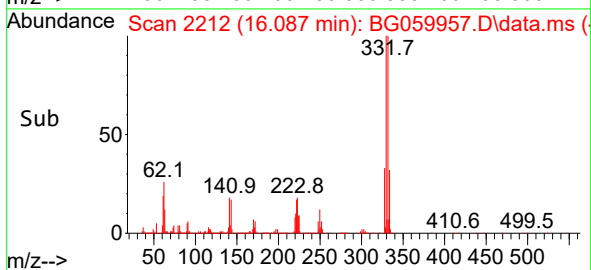
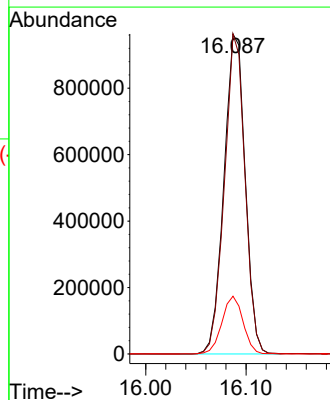
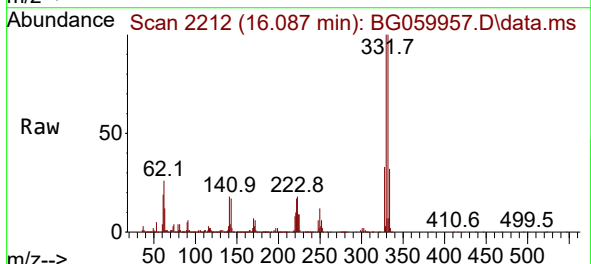
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

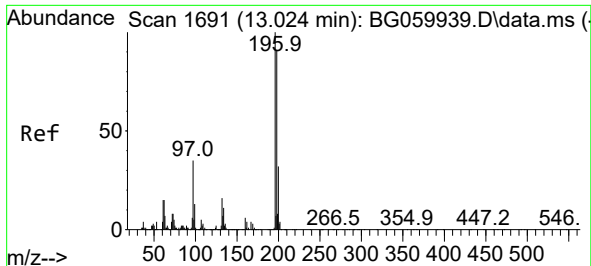
Tgt Ion:237 Resp: 1154035
Ion Ratio Lower Upper
237 100
235 62.5 49.4 89.4
272 13.4 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 126.268 ng
RT: 16.087 min Scan# 2212
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:330 Resp: 1414152
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 18.0 15.0 22.6

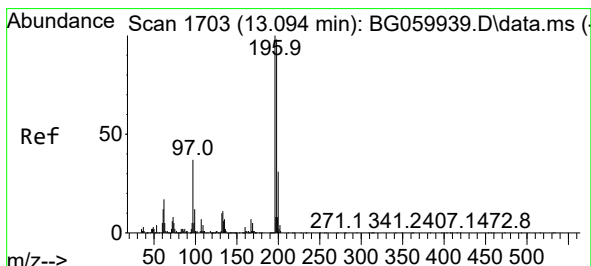
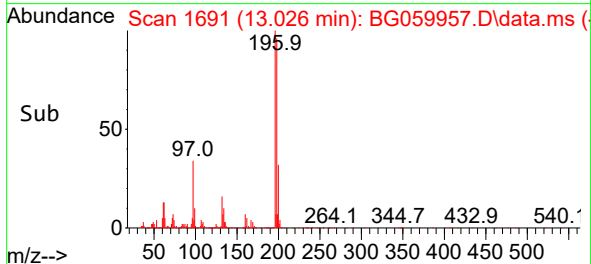
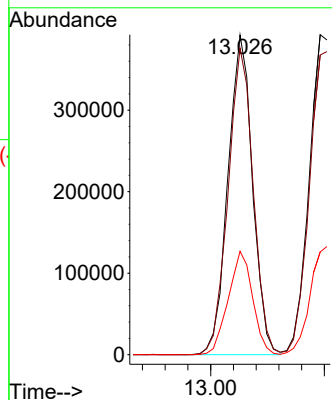
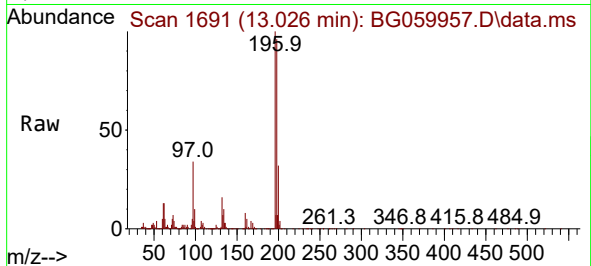




#43
2,4,6-Trichlorophenol
Concen: 46.280 ng
RT: 13.026 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

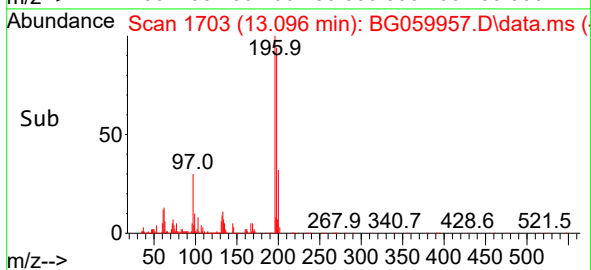
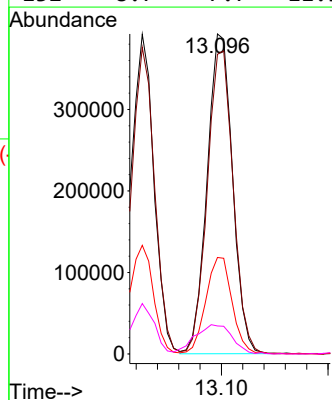
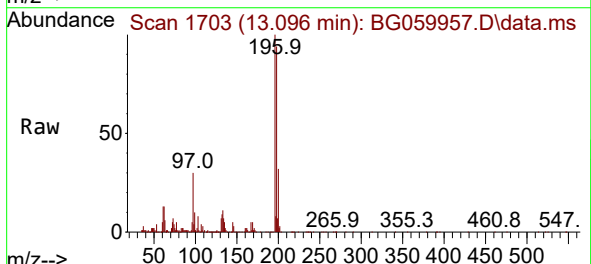
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

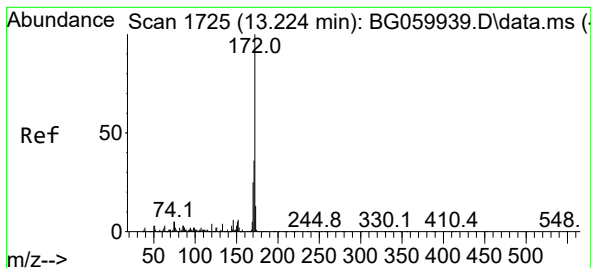
Tgt Ion:196 Resp: 588895
Ion Ratio Lower Upper
196 100
198 95.9 72.6 109.0
200 32.4 25.6 38.4



#44
2,4,5-Trichlorophenol
Concen: 46.442 ng
RT: 13.096 min Scan# 1703
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:196 Resp: 649836
Ion Ratio Lower Upper
196 100
198 93.7 78.3 117.5
97 30.2 30.2 45.4#
132 8.7 7.7 11.5

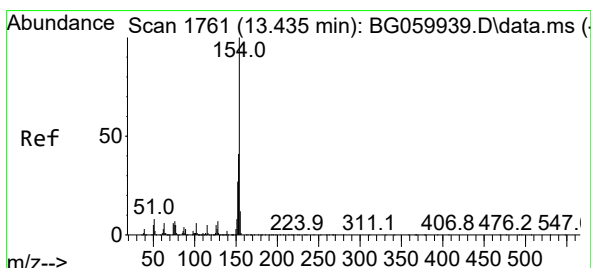
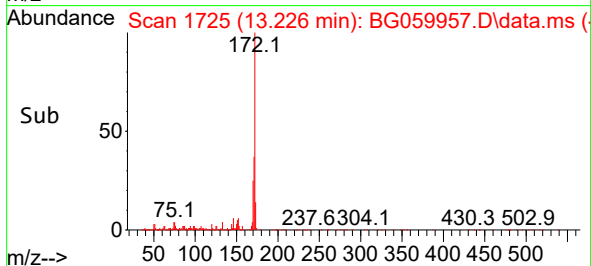
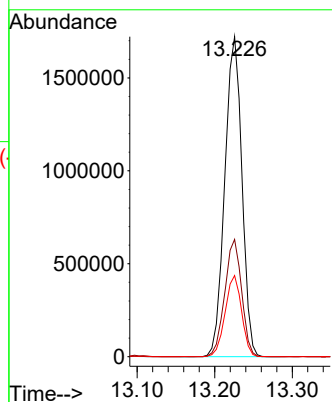
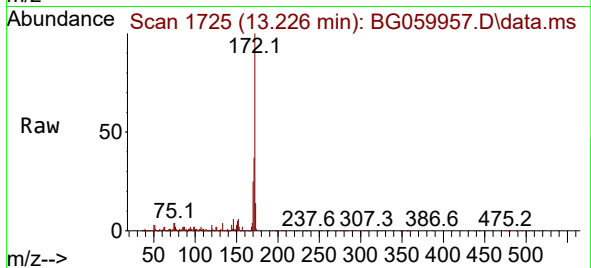




#45
2-Fluorobiphenyl
Concen: 82.951 ng
RT: 13.226 min Scan# 1725
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

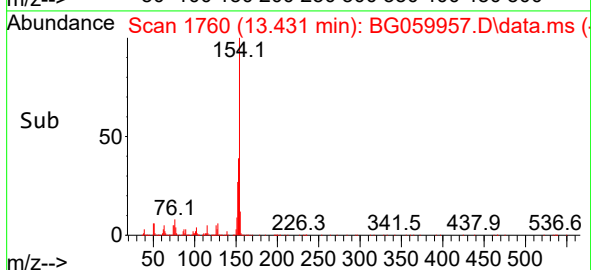
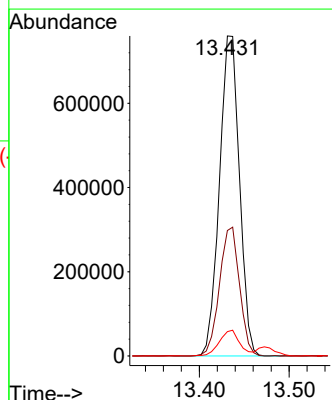
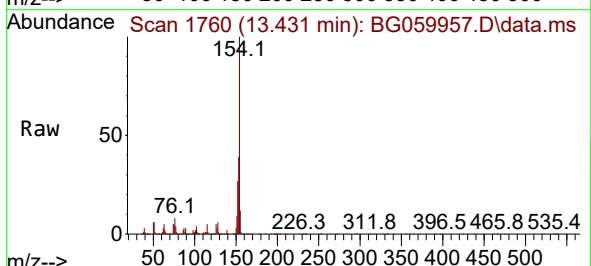
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

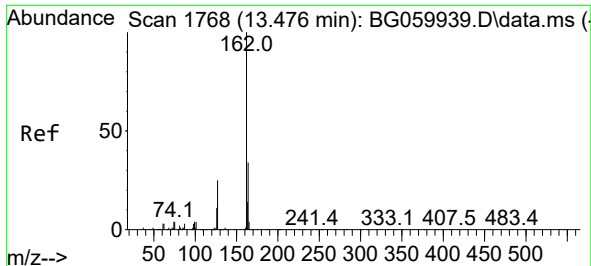
Tgt Ion:172 Resp: 2647401
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 25.4 19.8 29.8



#46
1,1'-Biphenyl
Concen: 46.205 ng
RT: 13.431 min Scan# 1760
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:154 Resp: 1175396
Ion Ratio Lower Upper
154 100
153 39.2 20.8 60.8
76 7.6 0.0 27.4

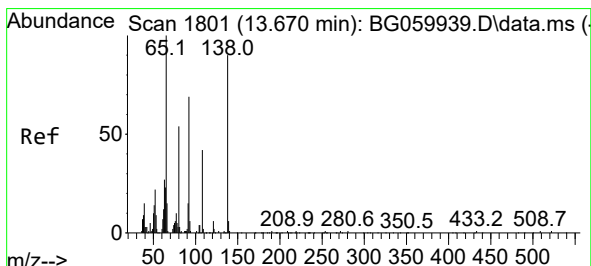
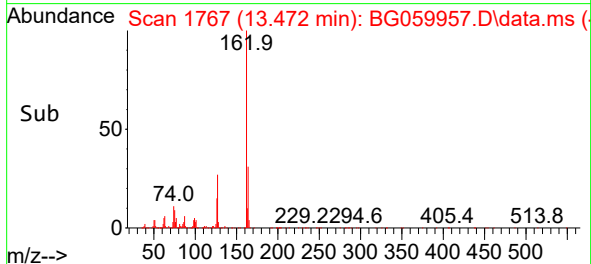
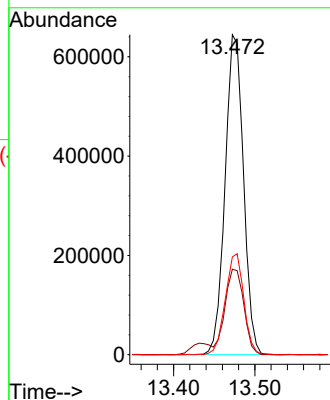
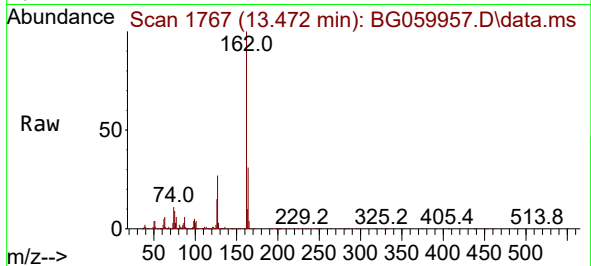




#47
2-Chloronaphthalene
Concen: 44.644 ng
RT: 13.472 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

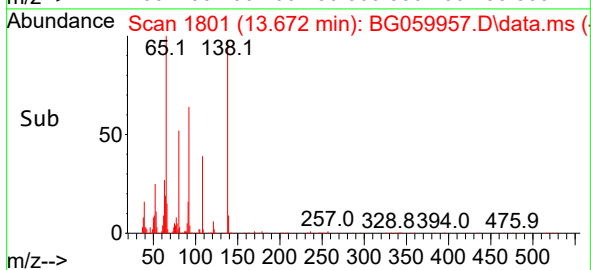
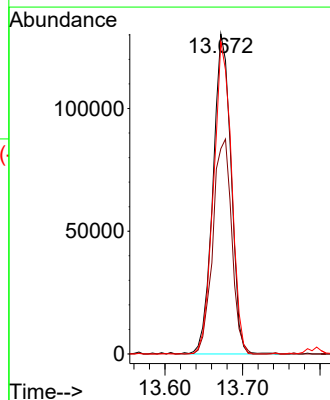
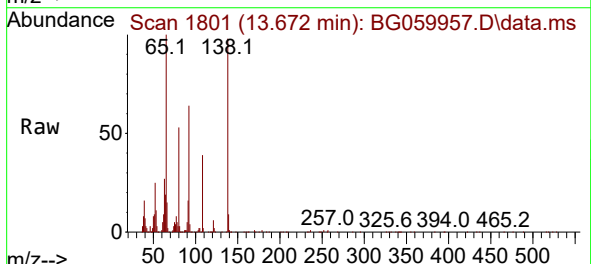
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

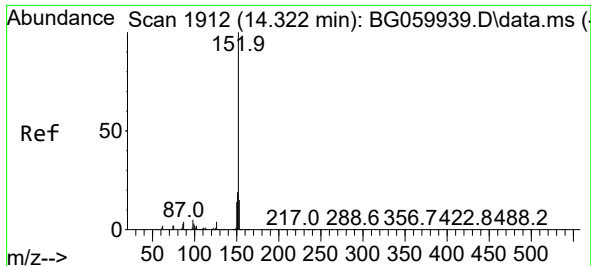
Tgt Ion:162 Resp: 1016110
Ion Ratio Lower Upper
162 100
127 26.7 22.6 33.8
164 30.6 27.4 41.0



#48
2-Nitroaniline
Concen: 49.065 ng
RT: 13.672 min Scan# 1801
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion: 65 Resp: 211676
Ion Ratio Lower Upper
65 100
92 64.1 55.4 83.2
138 97.5 71.8 107.6

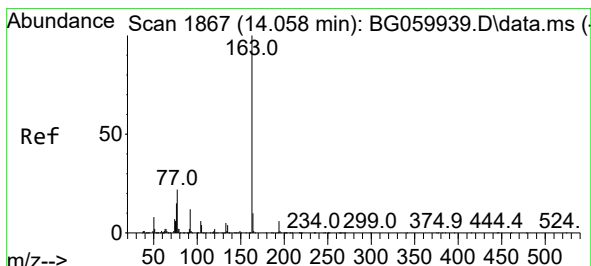
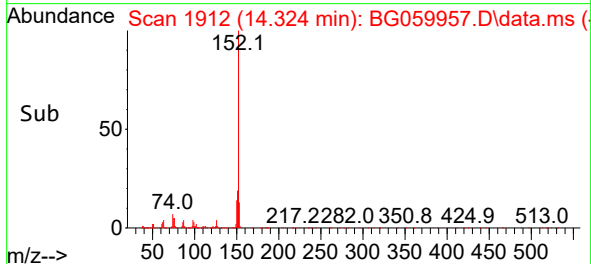
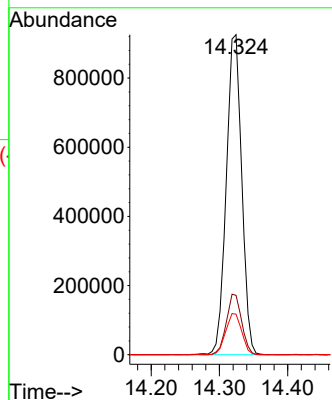
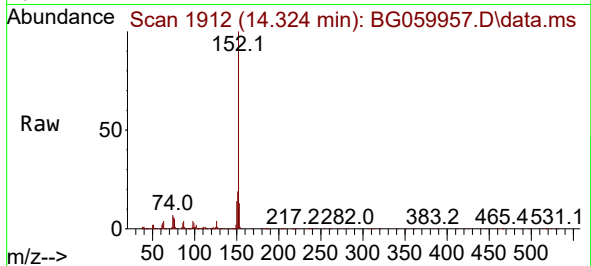




#49
Acenaphthylene
Concen: 47.876 ng
RT: 14.324 min Scan# 1912
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

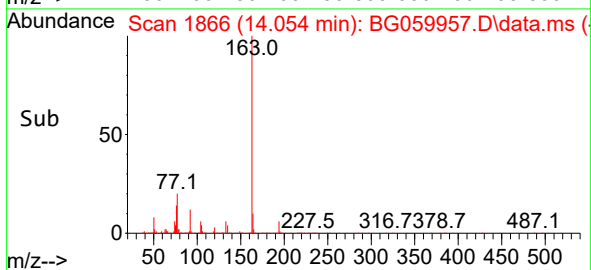
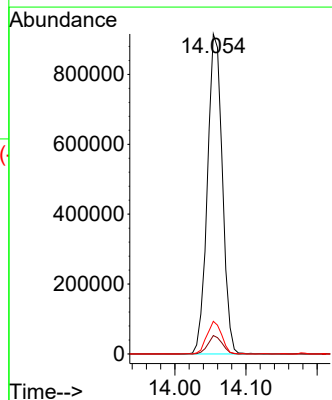
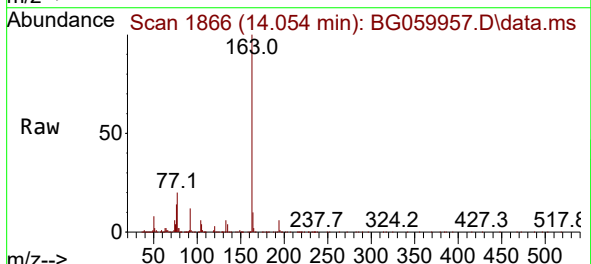
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

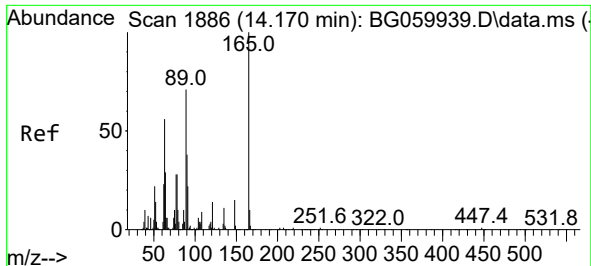
Tgt Ion:152 Resp: 1458361
Ion Ratio Lower Upper
152 100
151 18.6 15.3 22.9
153 12.7 11.7 17.5



#50
Dimethylphthalate
Concen: 45.218 ng
RT: 14.054 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:163 Resp: 1339919
Ion Ratio Lower Upper
163 100
194 5.7 4.6 7.0
164 10.2 8.1 12.1

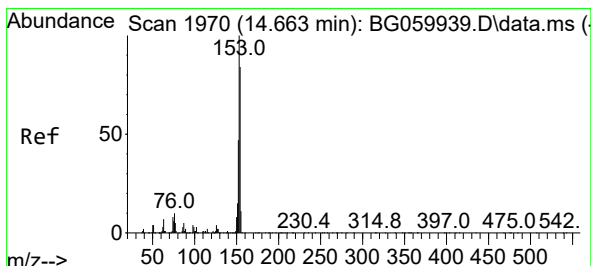
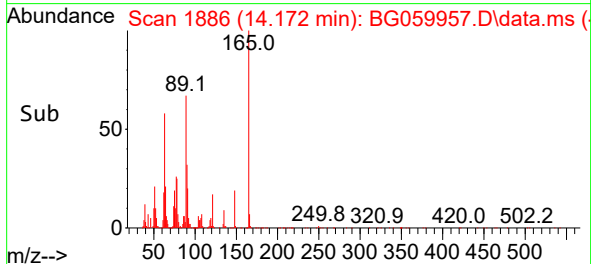
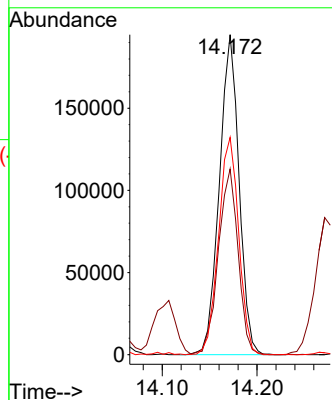
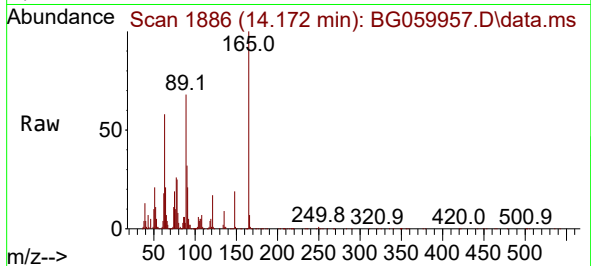




#51
2,6-Dinitrotoluene
Concen: 43.266 ng
RT: 14.172 min Scan# 1886
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

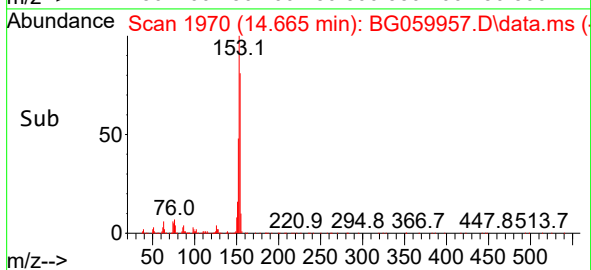
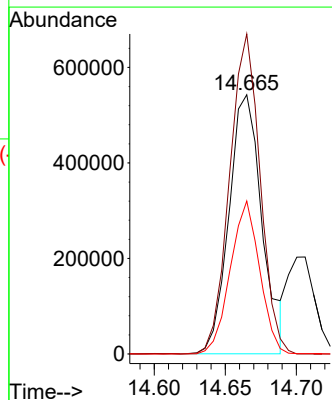
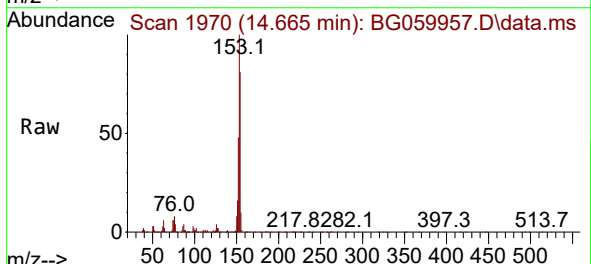
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

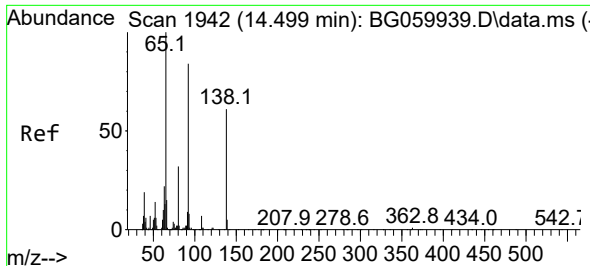
Tgt Ion:165 Resp: 280895
Ion Ratio Lower Upper
165 100
63 58.0 47.2 70.8
89 67.9 57.1 85.7



#52
Acenaphthene
Concen: 39.925 ng
RT: 14.665 min Scan# 1970
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:154 Resp: 877764
Ion Ratio Lower Upper
154 100
153 123.4 95.8 143.6
152 59.0 45.0 67.4

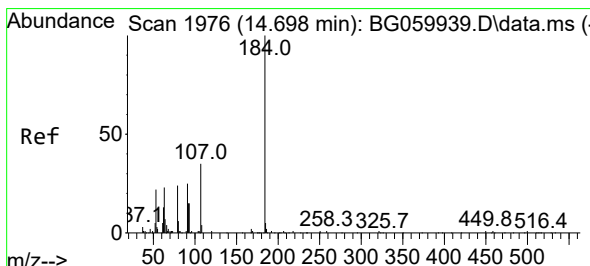
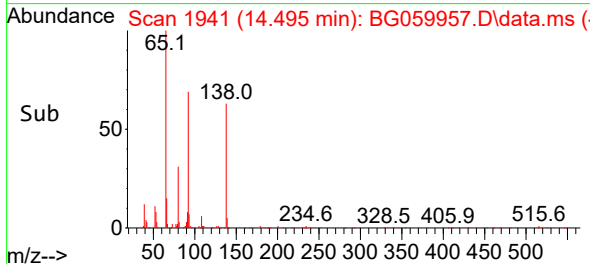
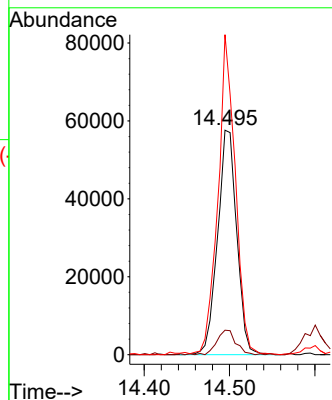
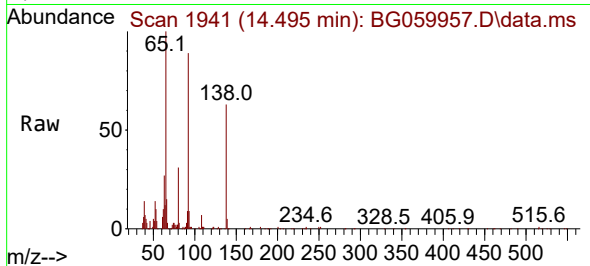




#53
3-Nitroaniline
Concen: 22.342 ng
RT: 14.495 min Scan# 1942
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

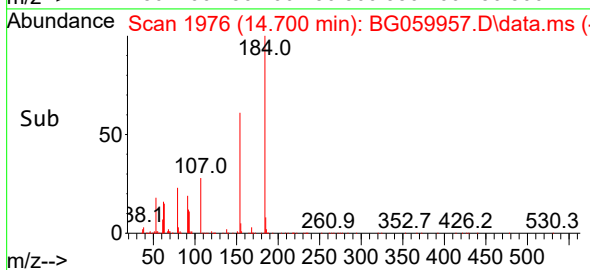
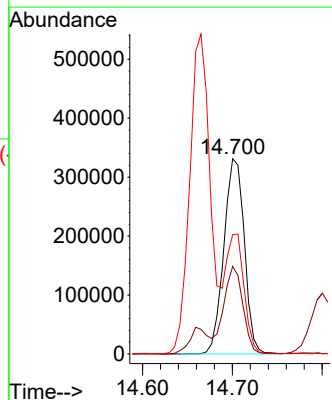
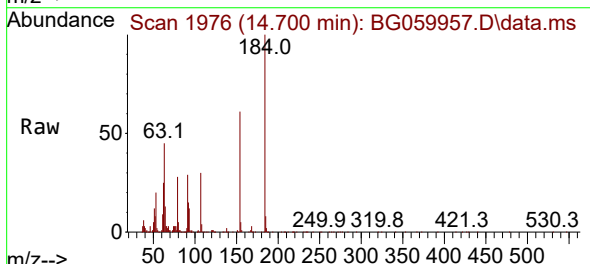
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

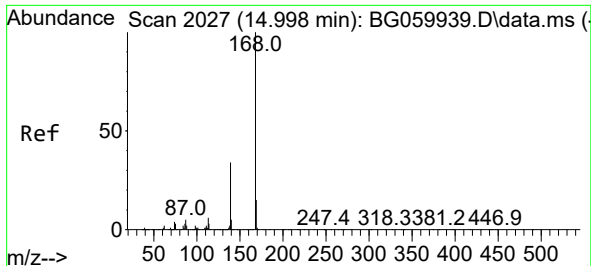
Tgt Ion:138 Resp: 89987
Ion Ratio Lower Upper
138 100
108 10.9 9.6 14.4
92 142.6 109.8 164.6



#54
2,4-Dinitrophenol
Concen: 92.843 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:184 Resp: 525734
Ion Ratio Lower Upper
184 100
63 44.8 38.2 57.4
154 61.2 52.6 78.8

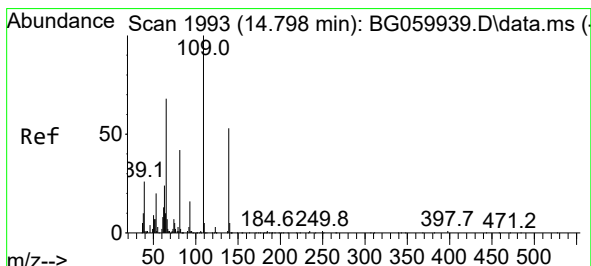
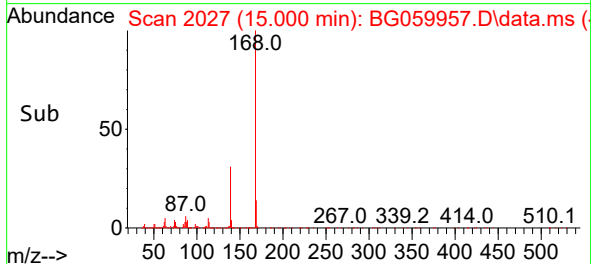
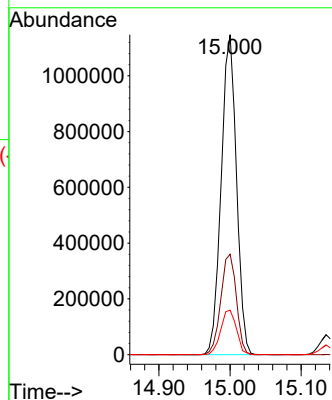
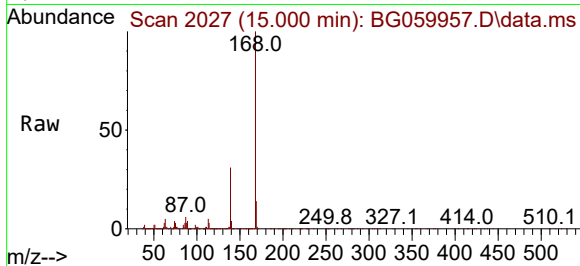




#55
Dibenzenofuran
Concen: 45.947 ng
RT: 15.000 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

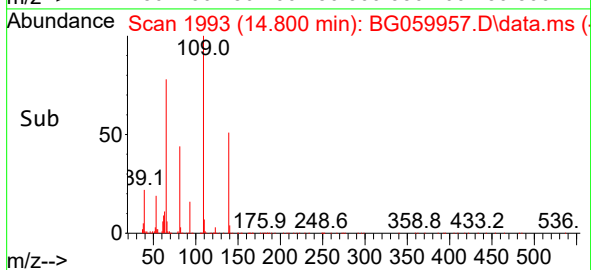
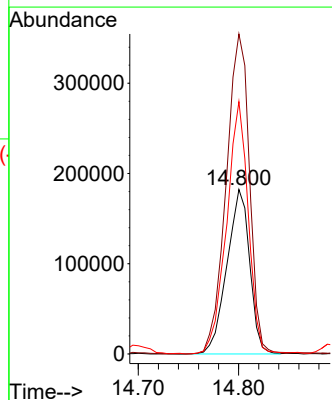
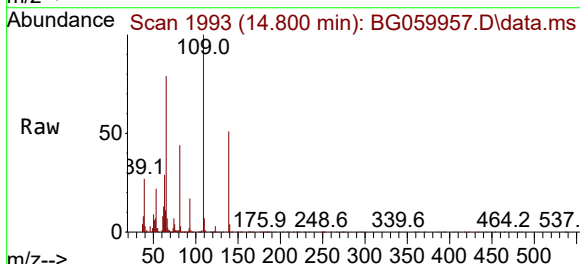
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

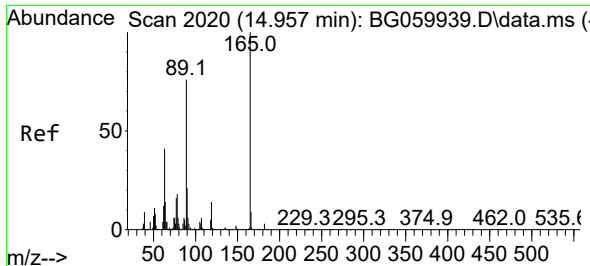
Tgt Ion:168 Resp: 1703869
Ion Ratio Lower Upper
168 100
139 31.4 27.0 40.6
169 13.9 11.6 17.4



#56
4-Nitrophenol
Concen: 81.940 ng
RT: 14.800 min Scan# 1993
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:139 Resp: 286413
Ion Ratio Lower Upper
139 100
109 194.6 167.9 207.9
65 153.5 108.1 148.1#

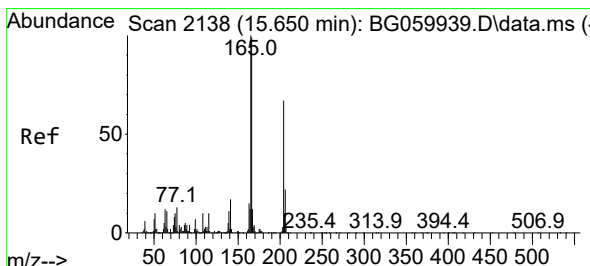
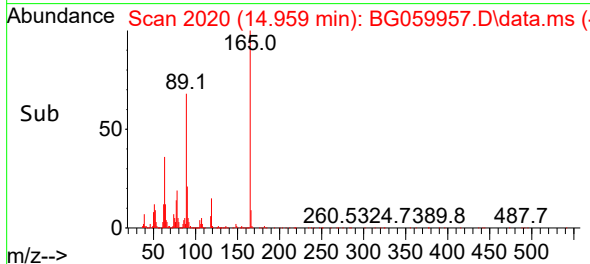
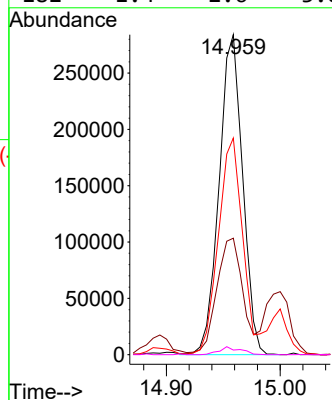
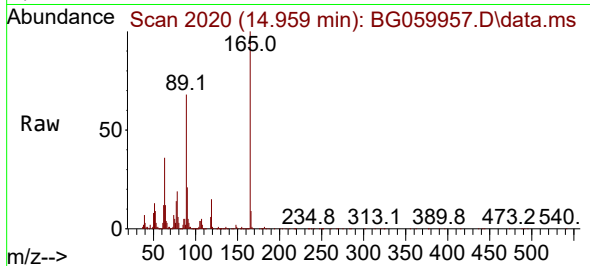




#57
2,4-Dinitrotoluene
Concen: 45.292 ng
RT: 14.959 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

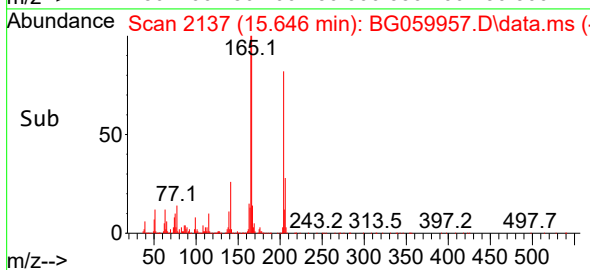
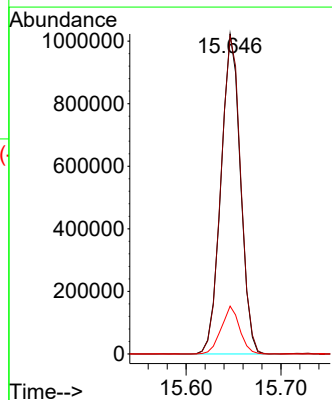
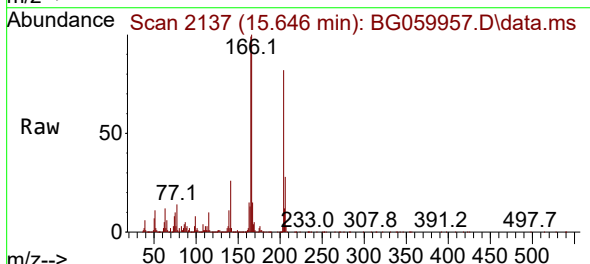
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

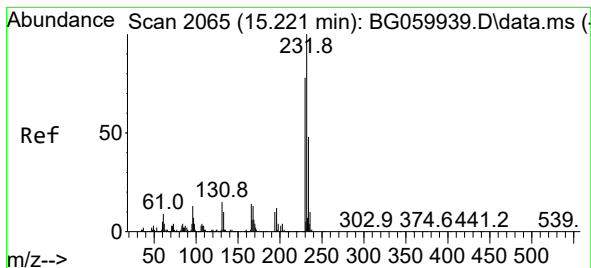
Tgt Ion:165 Resp: 408963
Ion Ratio Lower Upper
165 100
63 36.4 32.8 49.2
89 67.7 60.6 90.8
182 1.4 2.6 3.8#



#58
Fluorene
Concen: 46.224 ng
RT: 15.646 min Scan# 2137
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:166 Resp: 1458718
Ion Ratio Lower Upper
166 100
165 99.4 80.6 121.0
167 15.0 9.9 14.9#

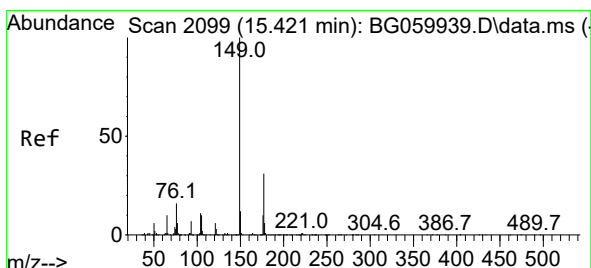
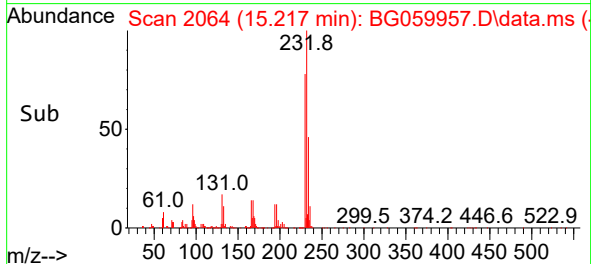
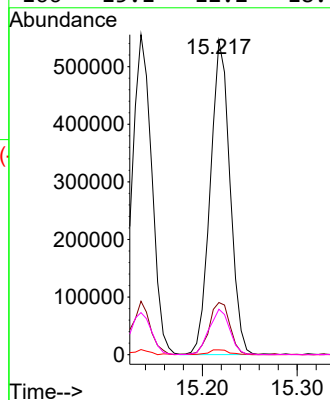
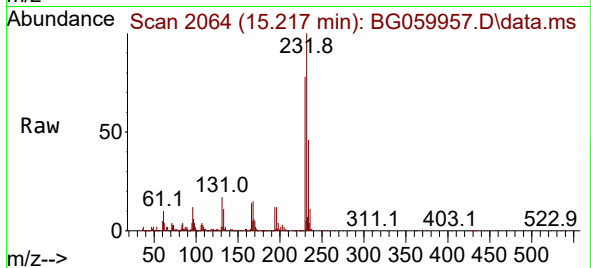




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.223 ng
RT: 15.217 min Scan# 2064
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

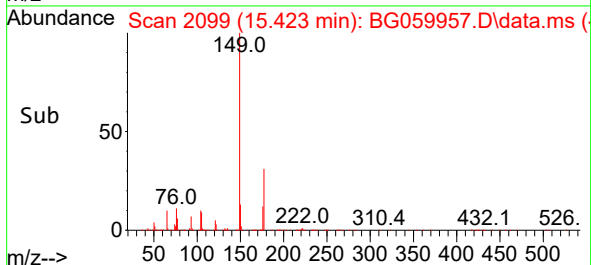
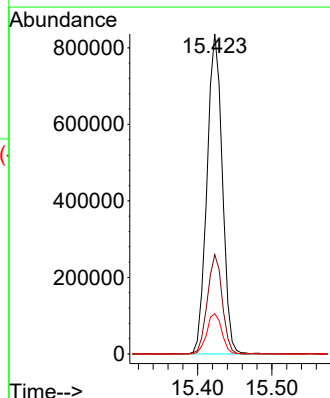
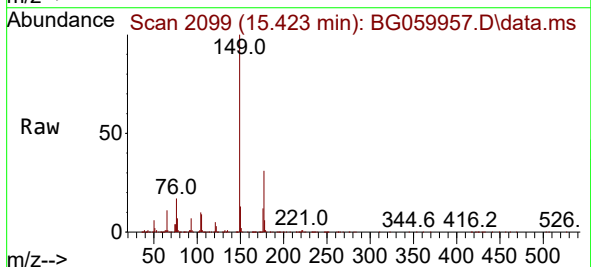
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

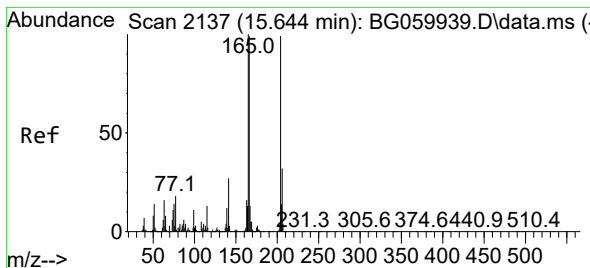
Tgt Ion:232 Resp: 786058
Ion Ratio Lower Upper
232 100
131 17.5 14.8 22.2
130 1.6 1.2 1.8
166 15.1 12.2 18.4



#60
Diethylphthalate
Concen: 45.439 ng
RT: 15.423 min Scan# 2099
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:149 Resp: 1199269
Ion Ratio Lower Upper
149 100
177 31.0 24.6 37.0
150 12.6 9.6 14.4

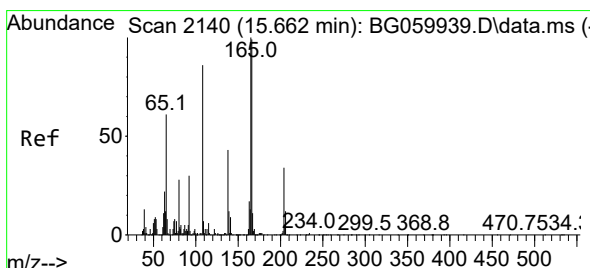
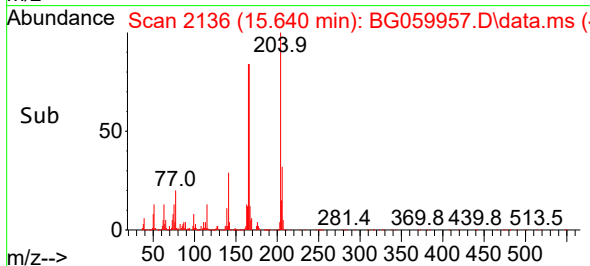
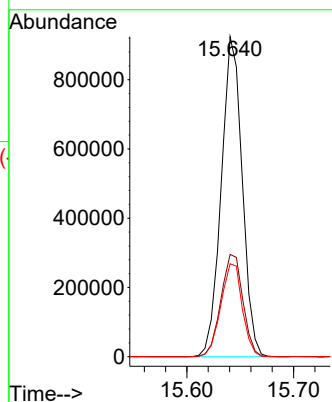
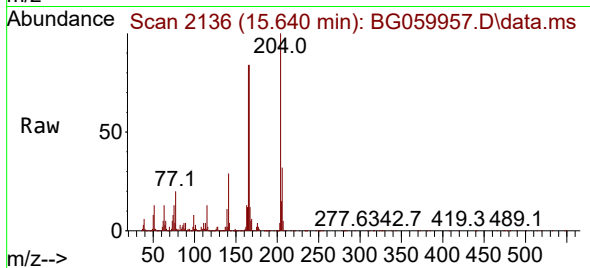




#61
4-Chlorophenyl-phenylether
Concen: 43.981 ng
RT: 15.640 min Scan# 2137
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

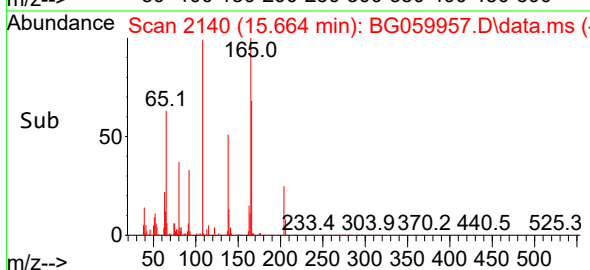
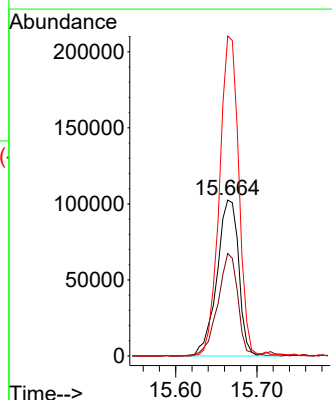
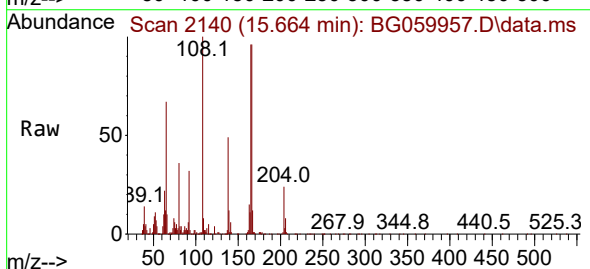
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

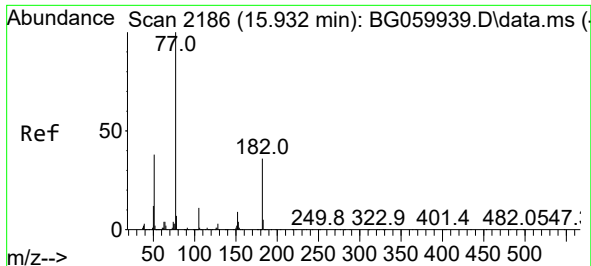
Tgt Ion:204 Resp: 1259045
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.8
141 29.1 21.4 32.2



#62
4-Nitroaniline
Concen: 41.206 ng
RT: 15.664 min Scan# 2140
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:138 Resp: 191030
Ion Ratio Lower Upper
138 100
92 65.8 50.8 90.8
108 205.2 181.0 221.0

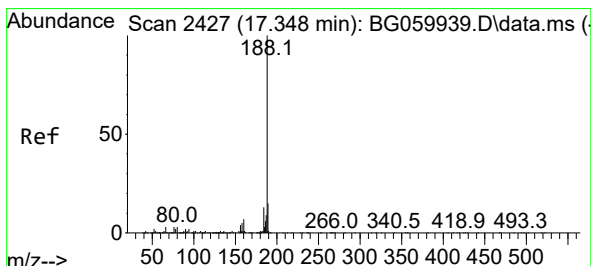
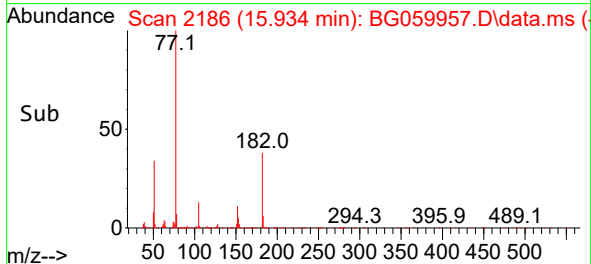
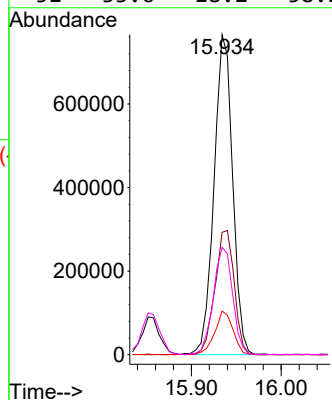
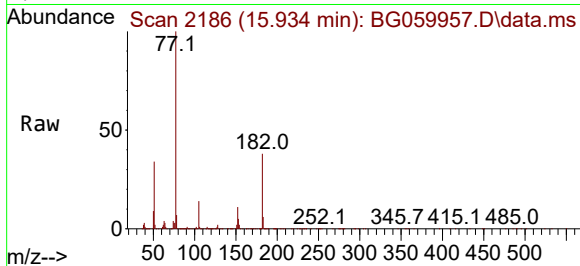




#63
Azobenzene
Concen: 40.203 ng
RT: 15.934 min Scan# 2186
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

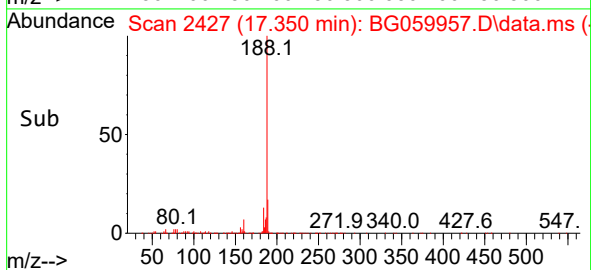
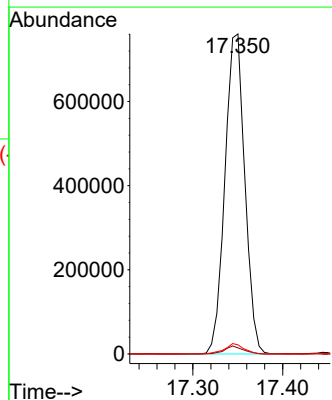
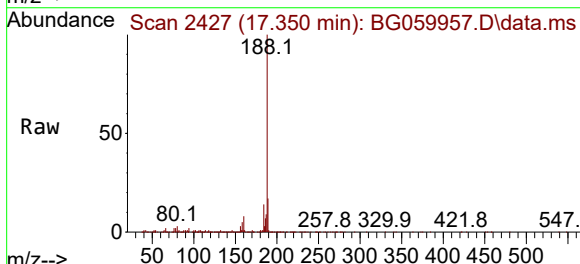
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

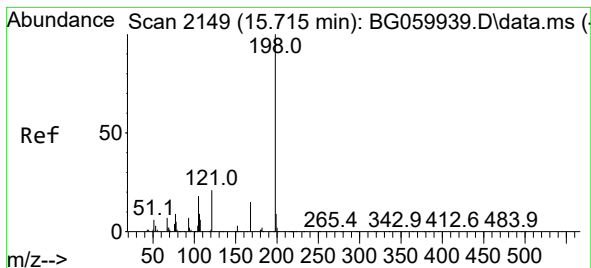
Tgt Ion: 77 Resp: 1100762
Ion Ratio Lower Upper
77 100
182 38.2 15.7 55.7
105 13.7 0.0 31.5
51 33.6 18.2 58.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.350 min Scan# 2427
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:188 Resp: 1169800
Ion Ratio Lower Upper
188 100
94 1.9 1.8 2.6
80 2.9 2.2 3.4

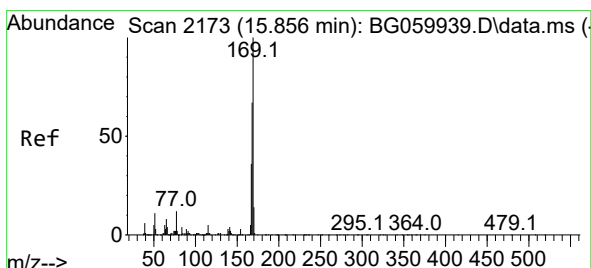
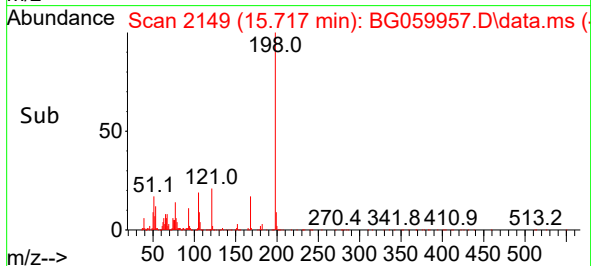
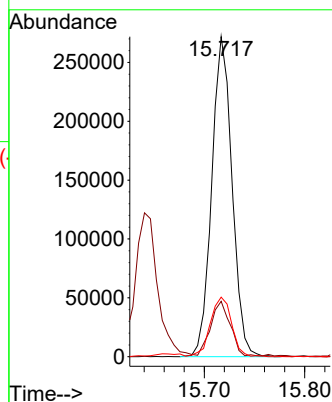
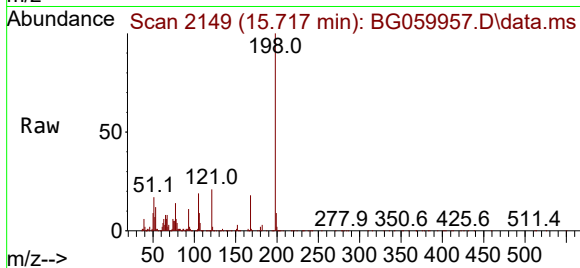




#65
4,6-Dinitro-2-methylphenol
Concen: 42.786 ng
RT: 15.717 min Scan# 2149
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

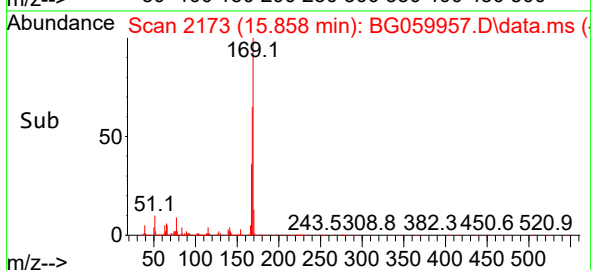
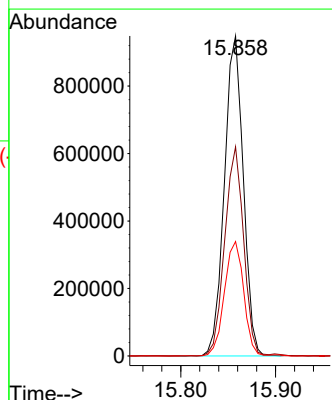
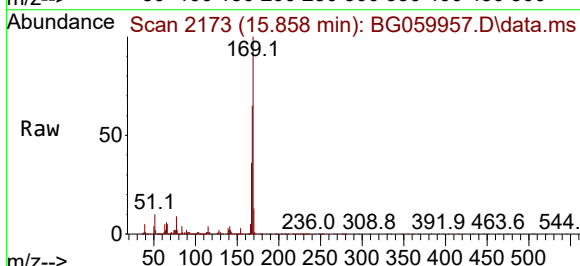
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

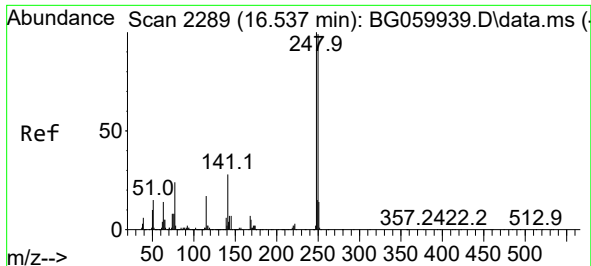
Tgt Ion:198 Resp: 382667
Ion Ratio Lower Upper
198 100
51 17.3 0.0 34.4
105 18.6 0.0 39.0



#66
n-Nitrosodiphenylamine
Concen: 49.127 ng
RT: 15.858 min Scan# 2173
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:169 Resp: 1316395
Ion Ratio Lower Upper
169 100
168 65.4 53.5 80.3
167 35.8 29.2 43.8

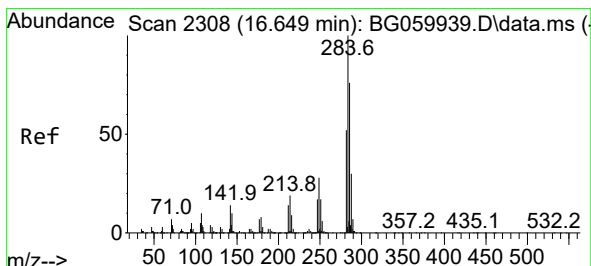
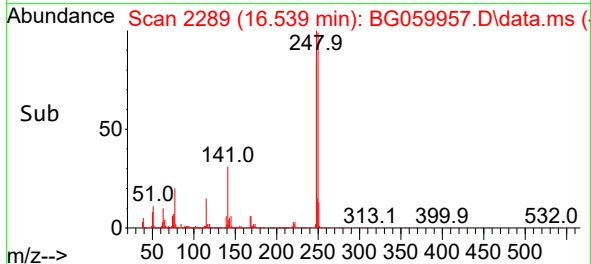
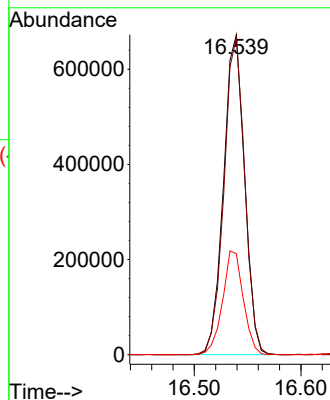
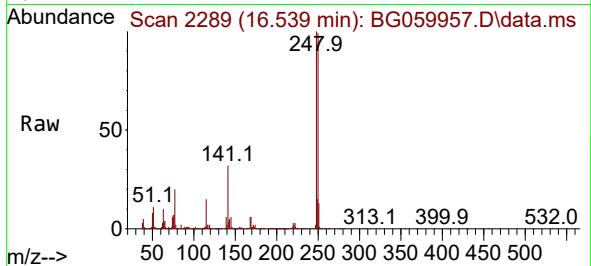




#67
4-Bromophenyl-phenylether
Concen: 45.862 ng
RT: 16.539 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

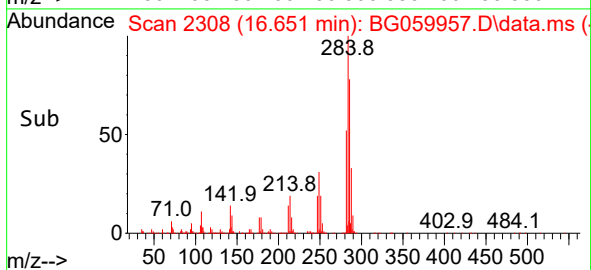
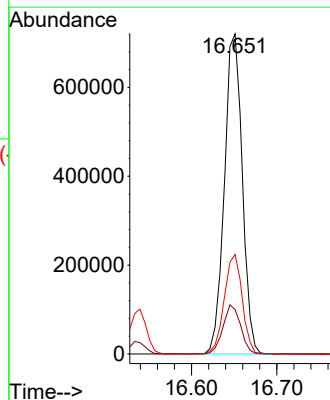
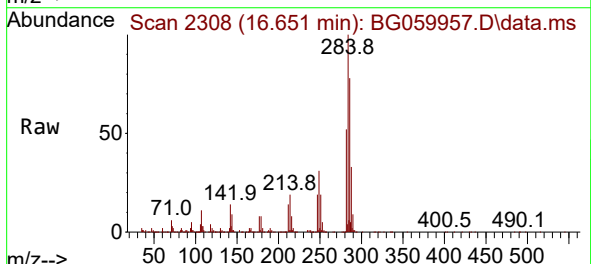
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

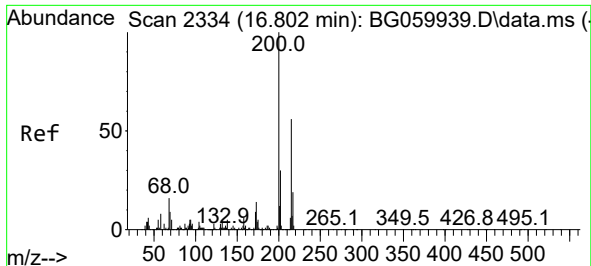
Tgt Ion:248 Resp: 919154
Ion Ratio Lower Upper
248 100
250 99.2 79.0 118.4
141 31.5 22.3 33.5



#68
Hexachlorobenzene
Concen: 47.123 ng
RT: 16.651 min Scan# 2308
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:284 Resp: 1049354
Ion Ratio Lower Upper
284 100
142 13.8 11.4 17.0
249 31.1 24.2 36.2

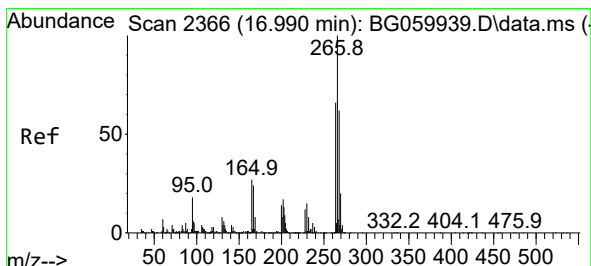
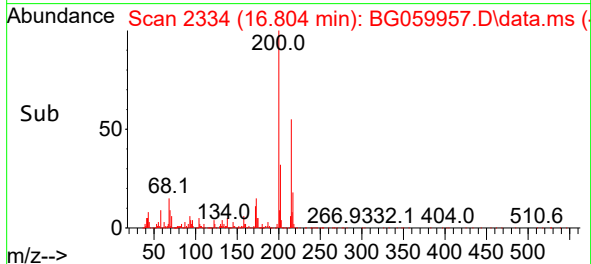
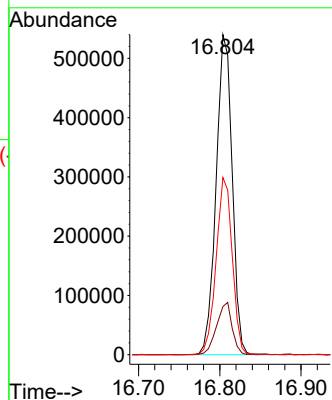
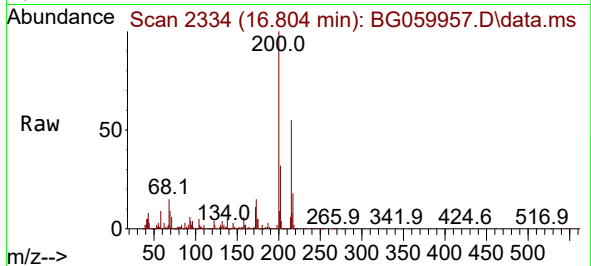




#69
 Atrazine
 Concen: 56.206 ng
 RT: 16.804 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG059957.D
 Acq: 5 Dec 2023 20:09

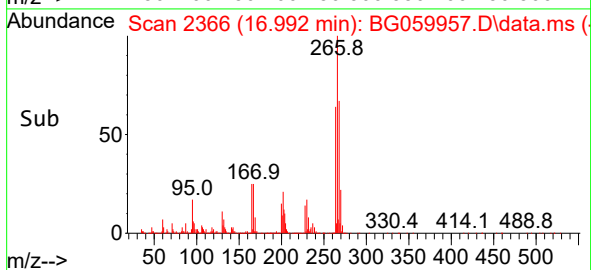
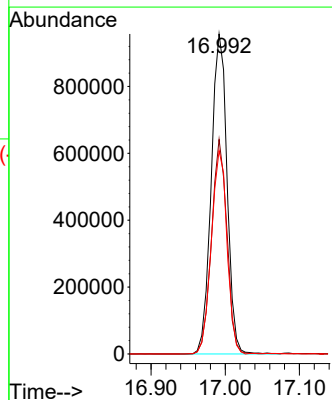
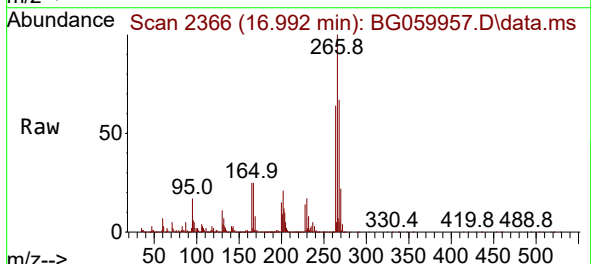
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

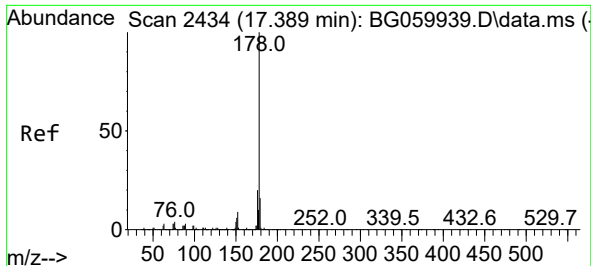
Tgt Ion:200 Resp: 743133
 Ion Ratio Lower Upper
 200 100
 173 15.1 0.0 34.0
 215 55.3 36.5 76.5



#70
 Pentachlorophenol
 Concen: 87.750 ng
 RT: 16.992 min Scan# 2366
 Delta R.T. 0.002 min
 Lab File: BG059957.D
 Acq: 5 Dec 2023 20:09

Tgt Ion:266 Resp: 1415978
 Ion Ratio Lower Upper
 266 100
 268 67.0 49.3 73.9
 264 63.5 53.2 79.8

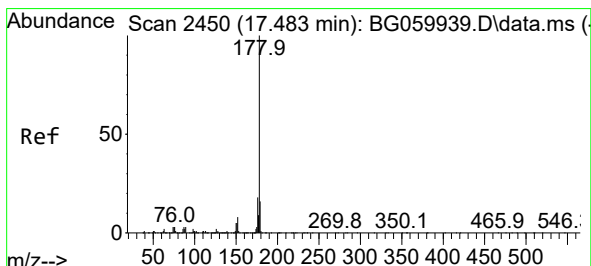
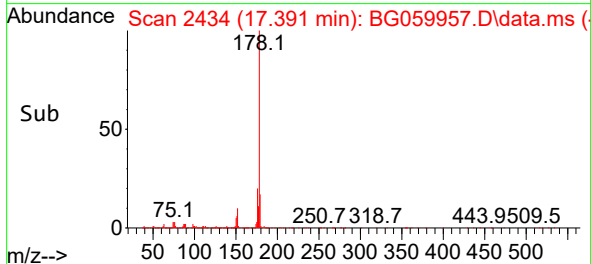
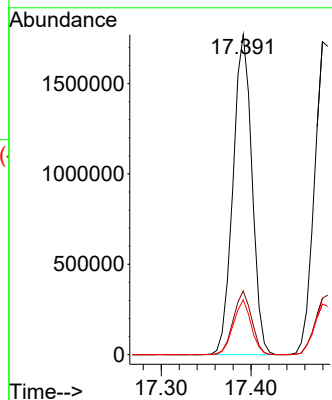
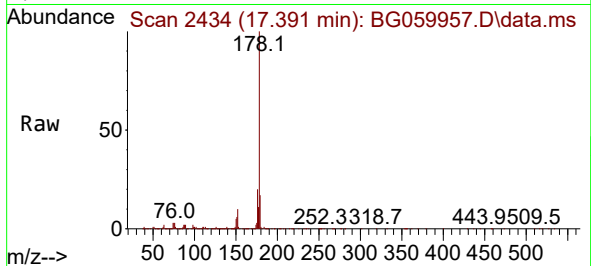




#71
Phenanthrene
Concen: 46.925 ng
RT: 17.391 min Scan# 2434
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

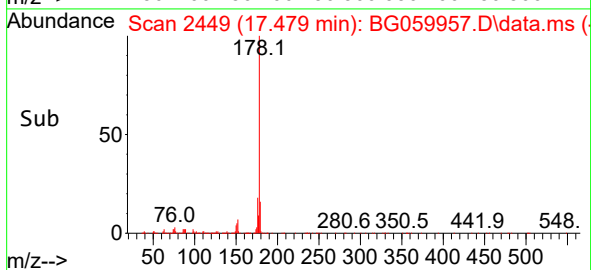
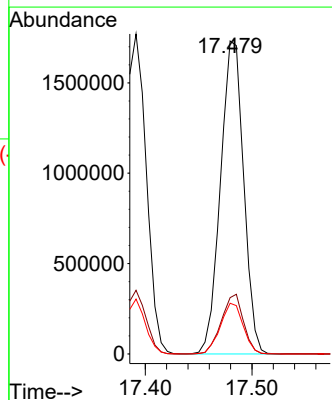
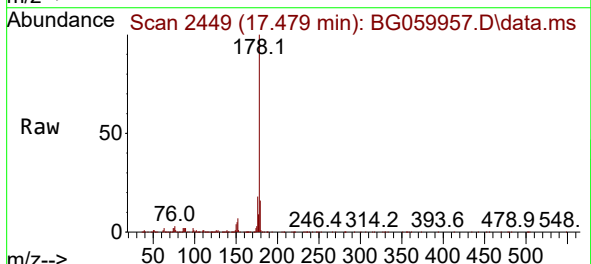
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

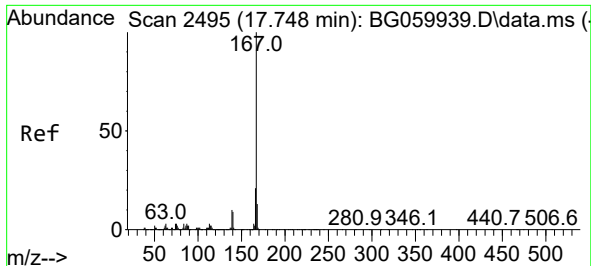
Tgt Ion:178 Resp: 2592005
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 17.2 12.6 19.0



#72
Anthracene
Concen: 46.315 ng
RT: 17.479 min Scan# 2449
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:178 Resp: 2614980
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 16.2 13.2 19.8

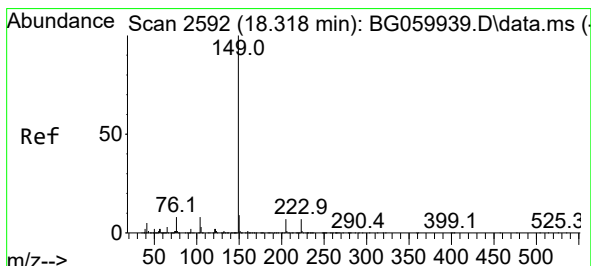
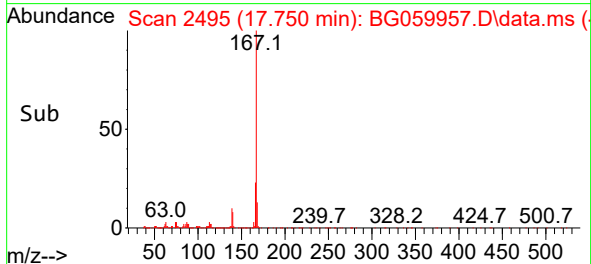
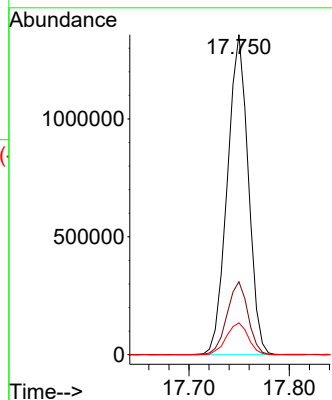
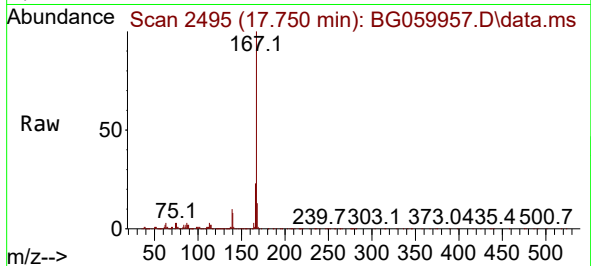




#73
 Carbazole
 Concen: 45.715 ng
 RT: 17.750 min Scan# 2495
 Delta R.T. 0.002 min
 Lab File: BG059957.D
 Acq: 5 Dec 2023 20:09

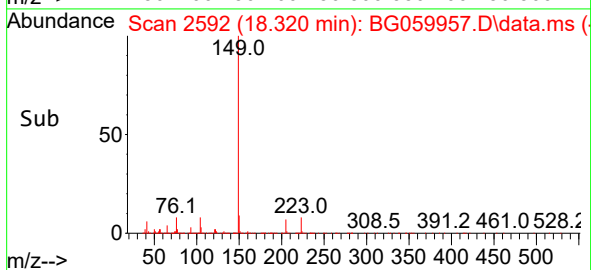
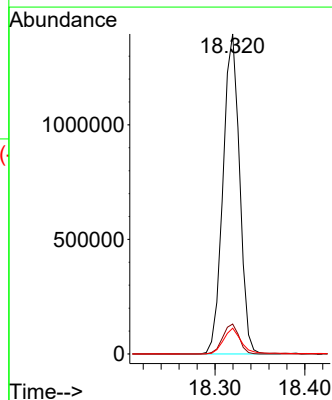
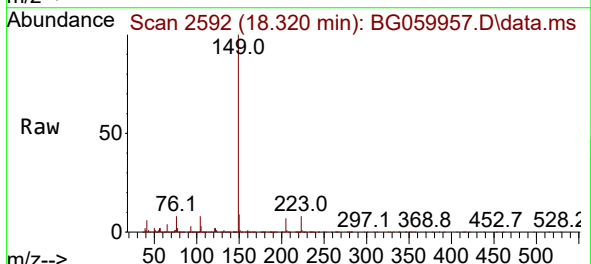
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

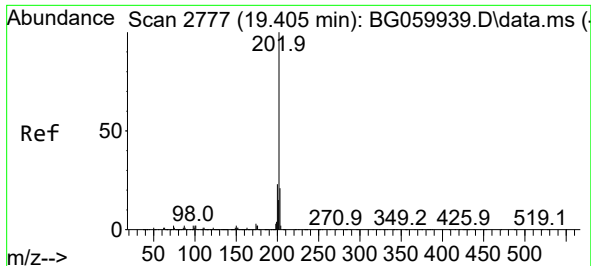
Tgt Ion:167 Resp: 1961750
 Ion Ratio Lower Upper
 167 100
 166 22.8 16.7 25.1
 139 9.9 8.0 12.0



#74
 Di-n-butylphthalate
 Concen: 48.188 ng
 RT: 18.320 min Scan# 2592
 Delta R.T. 0.002 min
 Lab File: BG059957.D
 Acq: 5 Dec 2023 20:09

Tgt Ion:149 Resp: 1788582
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 8.1 6.2 9.2

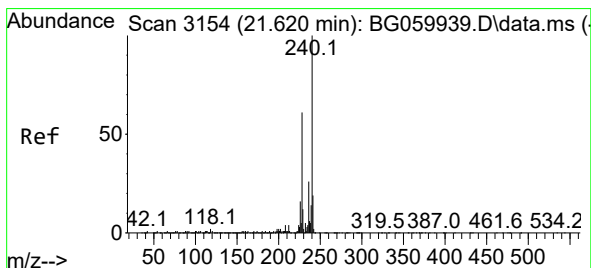
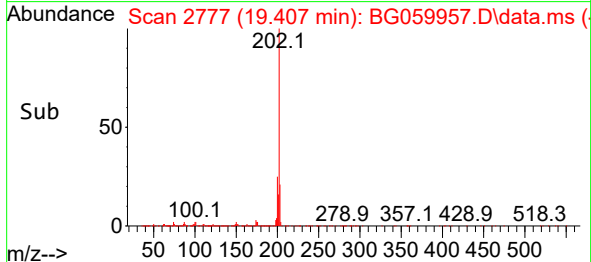
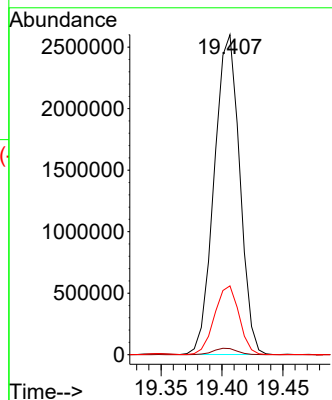
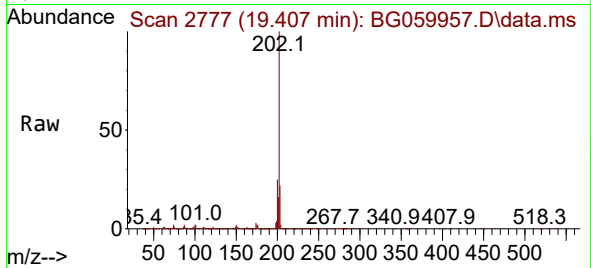




#75
Fluoranthene
Concen: 41.576 ng
RT: 19.407 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

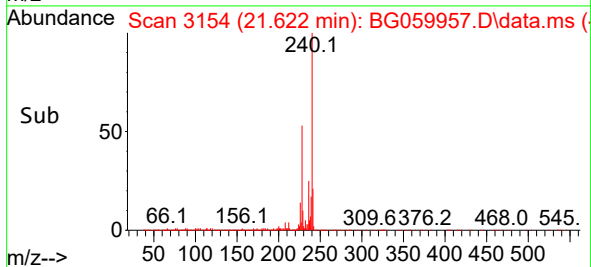
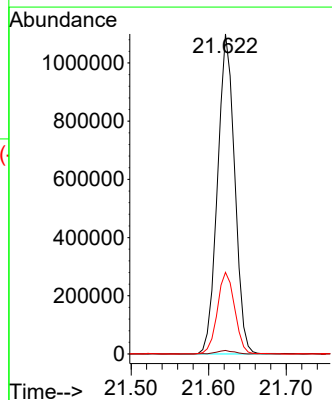
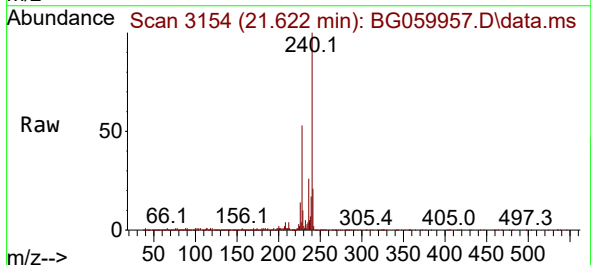
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

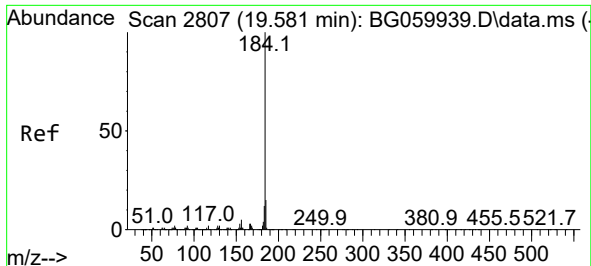
Tgt Ion:202 Resp: 3774232
Ion Ratio Lower Upper
202 100
101 1.9 0.0 21.6
203 21.5 0.9 40.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 3154
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:240 Resp: 1691781
Ion Ratio Lower Upper
240 100
120 1.1 1.0 1.4
236 25.5 20.8 31.2

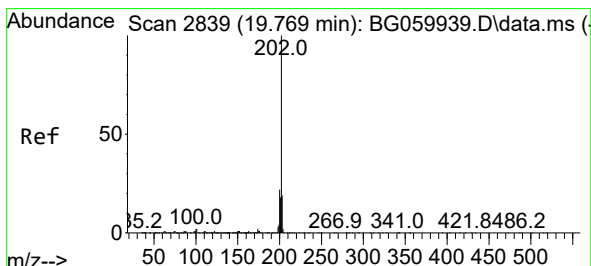
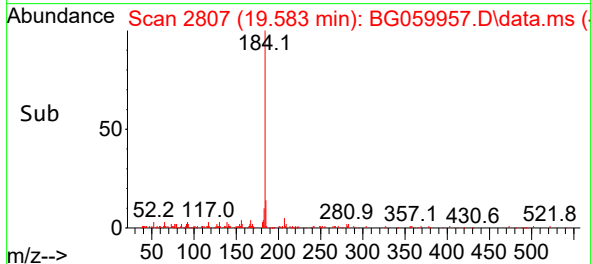
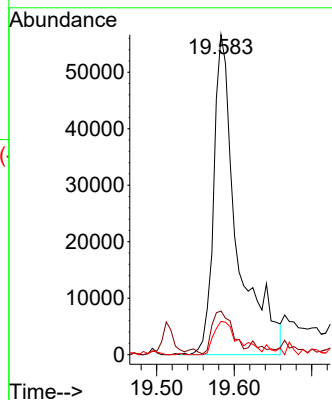
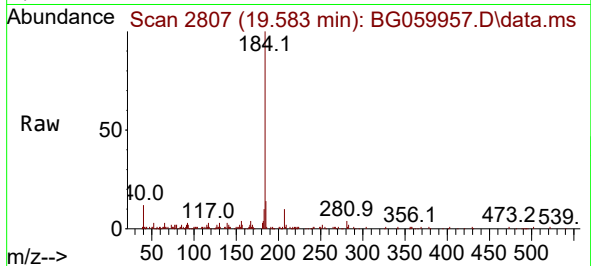




#77
Benzidine
Concen: 8.307 ng
RT: 19.583 min Scan# 2807
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

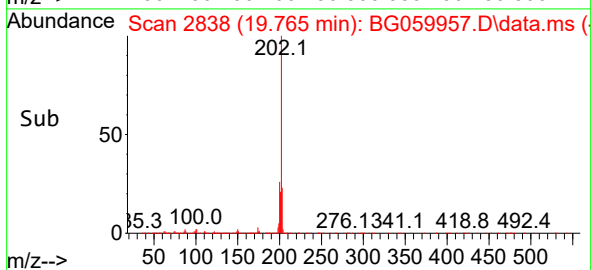
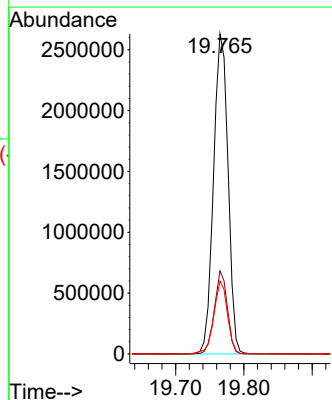
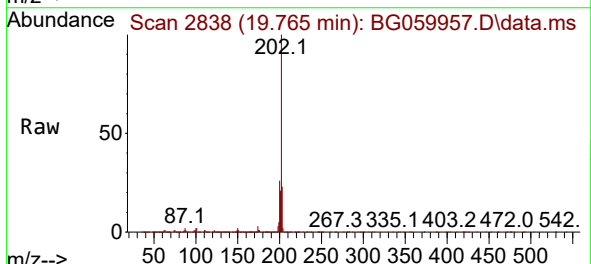
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

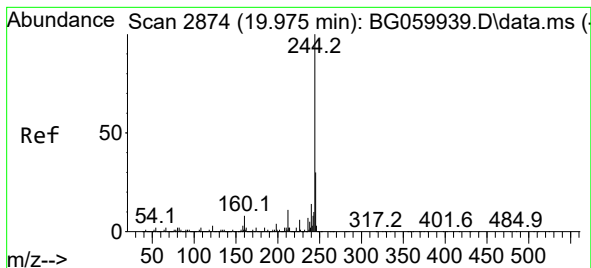
Tgt Ion:184 Resp: 118440
Ion Ratio Lower Upper
184 100
185 13.7 12.0 18.0
183 10.4 9.7 14.5



#78
Pyrene
Concen: 43.257 ng
RT: 19.765 min Scan# 2838
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:202 Resp: 3894527
Ion Ratio Lower Upper
202 100
200 26.0 17.8 26.6
203 22.8 15.4 23.0





#79

Terphenyl-d14

Concen: 61.742 ng

RT: 19.971 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

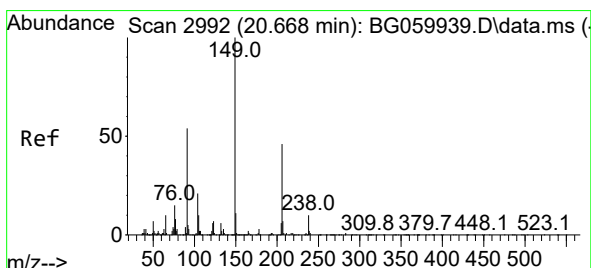
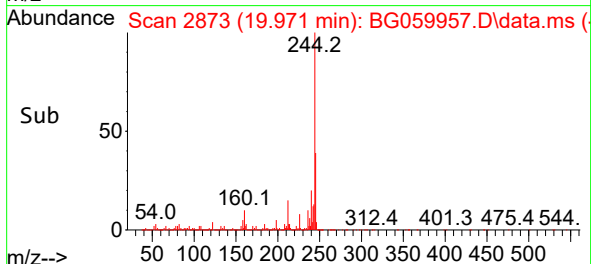
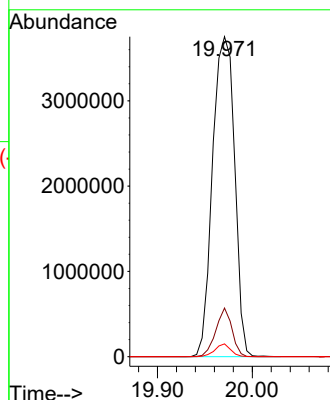
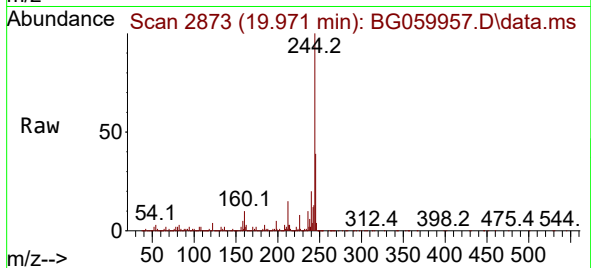
Tgt Ion:244 Resp: 6059205

Ion Ratio Lower Upper

244 100

212 15.2 8.6 13.0#

122 4.0 2.1 3.1#



#80

Butylbenzylphthalate

Concen: 51.245 ng

RT: 20.664 min Scan# 2991

Delta R.T. -0.004 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

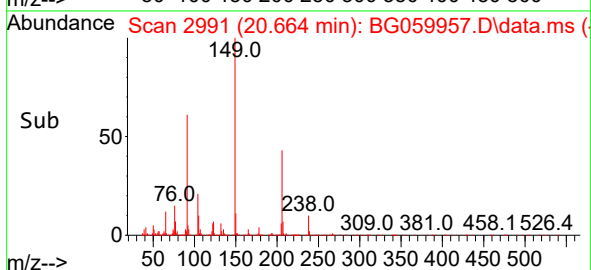
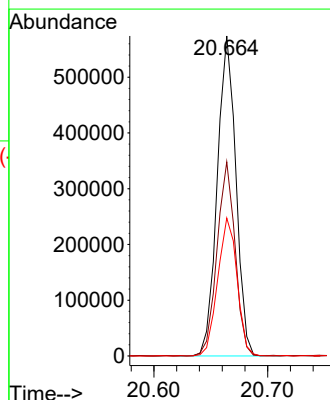
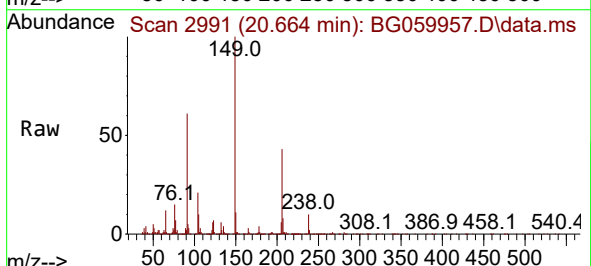
Tgt Ion:149 Resp: 654494

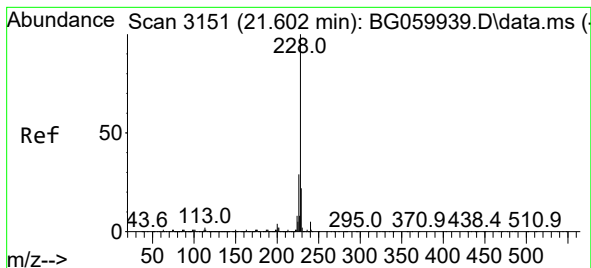
Ion Ratio Lower Upper

149 100

91 60.6 42.9 64.3

206 43.1 36.7 55.1





#81

Benzo(a)anthracene

Concen: 43.719 ng

RT: 21.604 min Scan# 3151

Delta R.T. 0.002 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

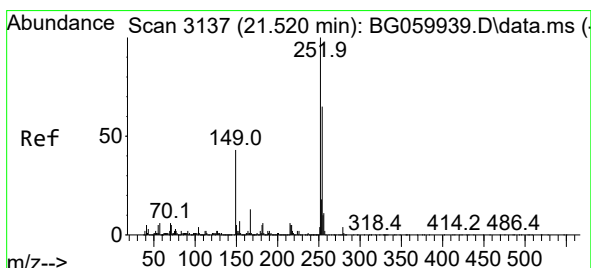
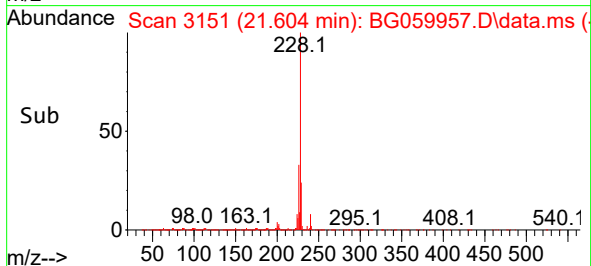
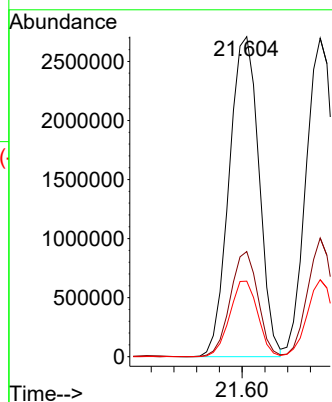
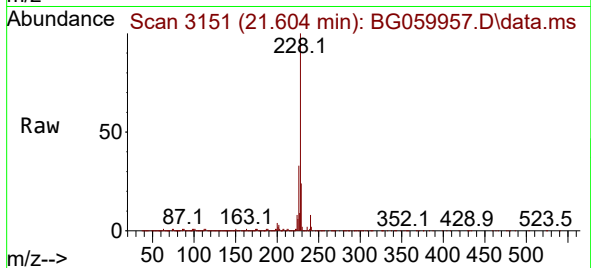
Tgt Ion:228 Resp: 4934892

Ion Ratio Lower Upper

228 100

226 32.9 23.4 35.2

229 23.6 17.4 26.2



#82

3,3'-Dichlorobenzidine

Concen: 27.339 ng

RT: 21.522 min Scan# 3137

Delta R.T. 0.002 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

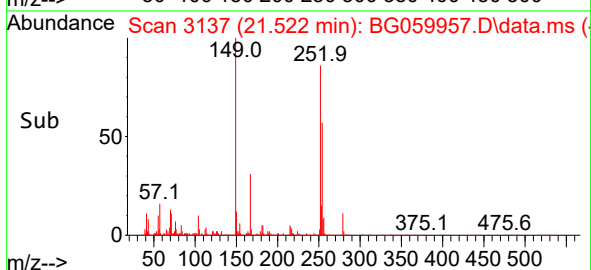
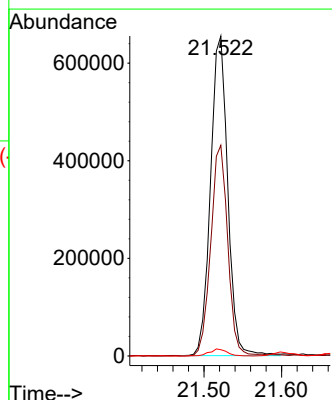
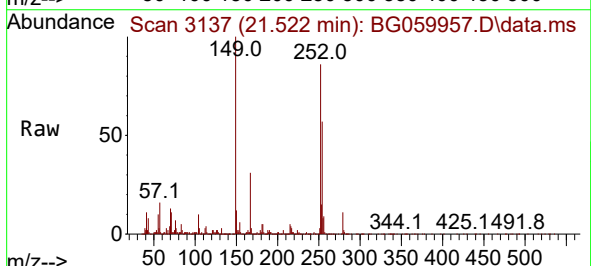
Tgt Ion:252 Resp: 1013512

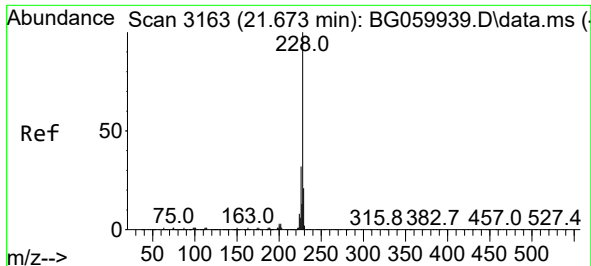
Ion Ratio Lower Upper

252 100

254 65.9 51.9 77.9

126 2.0 1.4 2.2





#83

Chrysene

Concen: 43.300 ng

RT: 21.669 min Scan# 3162

Delta R.T. -0.004 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

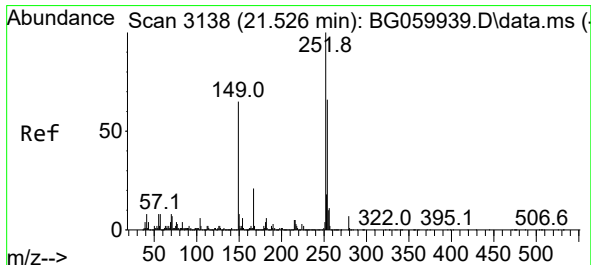
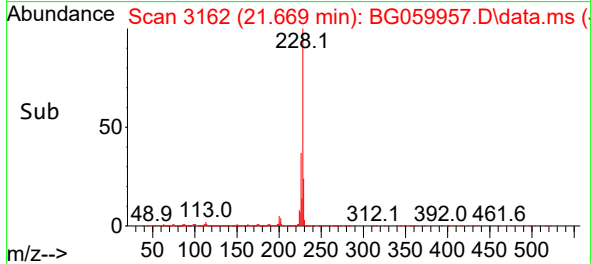
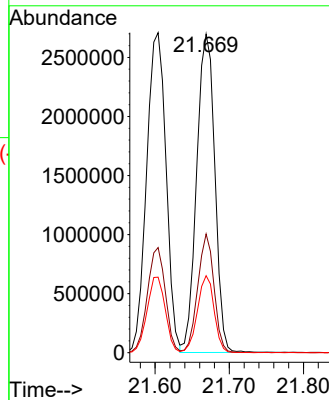
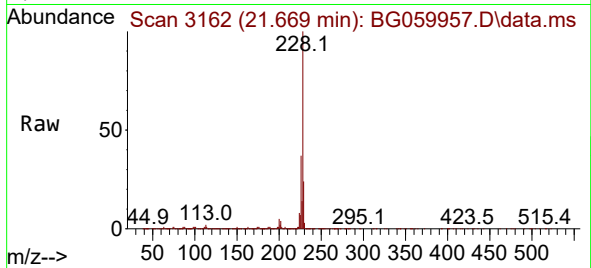
Tgt Ion:228 Resp: 4582402

Ion Ratio Lower Upper

228 100

226 37.3 25.4 38.2

229 24.2 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.521 ng

RT: 21.522 min Scan# 3137

Delta R.T. -0.004 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

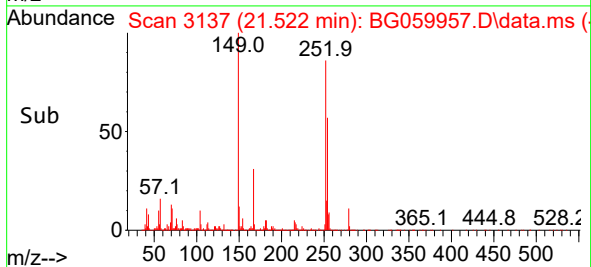
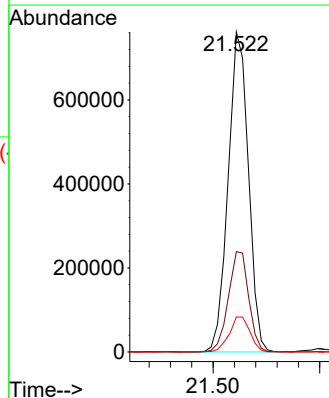
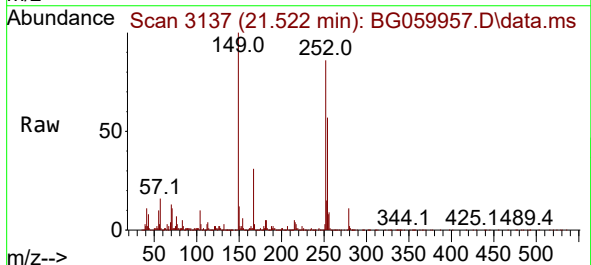
Tgt Ion:149 Resp: 1006871

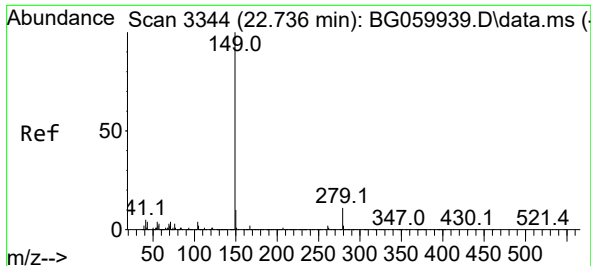
Ion Ratio Lower Upper

149 100

167 31.4 26.1 39.1

279 10.9 8.6 12.8

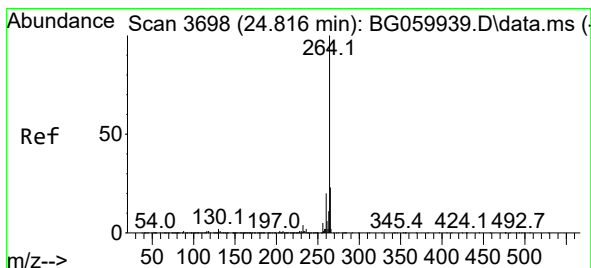
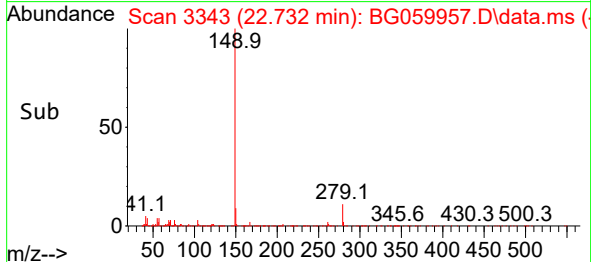
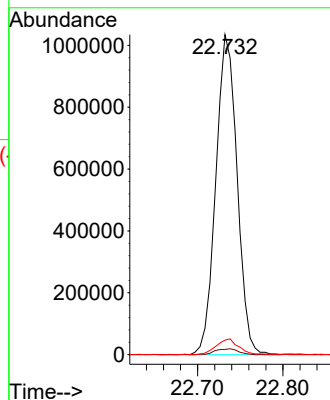
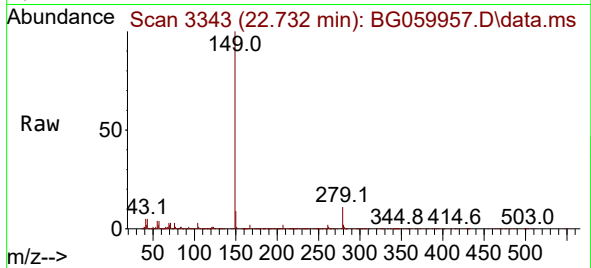




#85
Di-n-octyl phthalate
Concen: 53.111 ng
RT: 22.732 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

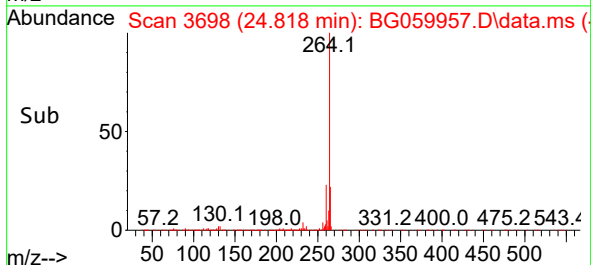
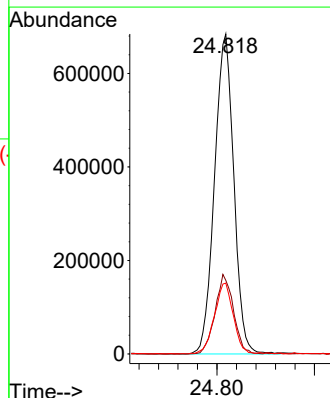
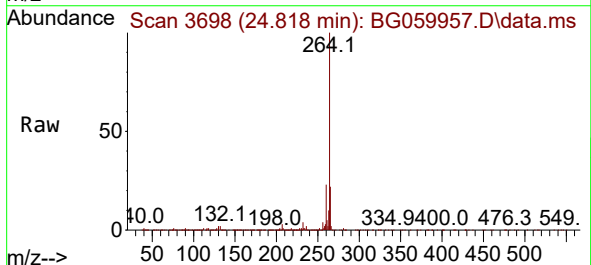
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

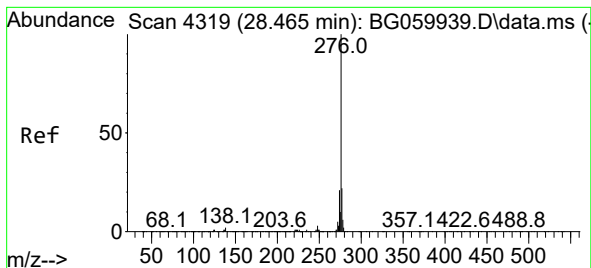
Tgt Ion:149 Resp: 1793758
Ion Ratio Lower Upper
149 100
167 2.0 1.7 2.5
43 5.1 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.818 min Scan# 3698
Delta R.T. 0.002 min
Lab File: BG059957.D
Acq: 5 Dec 2023 20:09

Tgt Ion:264 Resp: 1880556
Ion Ratio Lower Upper
264 100
260 23.0 15.8 23.6
265 22.2 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.494 ng

RT: 28.467 min Scan# 4319

Delta R.T. 0.002 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

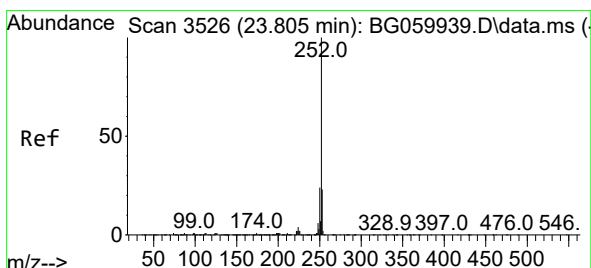
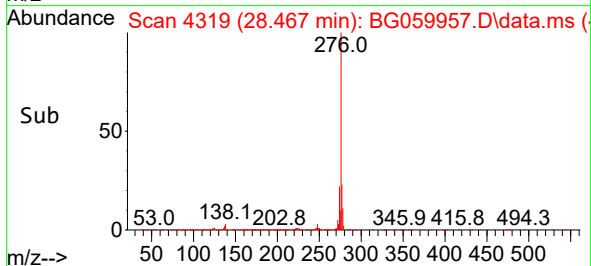
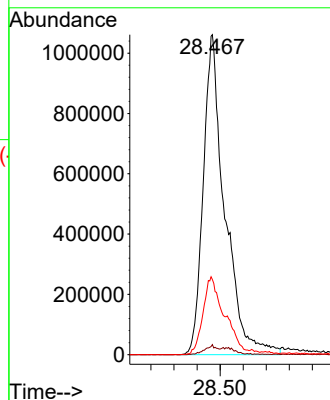
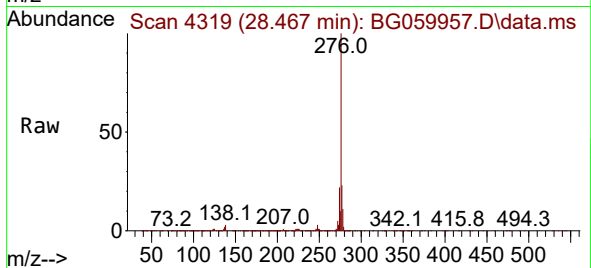
Tgt Ion:276 Resp: 6873071

Ion Ratio Lower Upper

276 100

138 1.7 0.0 0.0#

277 24.5 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 47.410 ng

RT: 23.807 min Scan# 3526

Delta R.T. 0.002 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

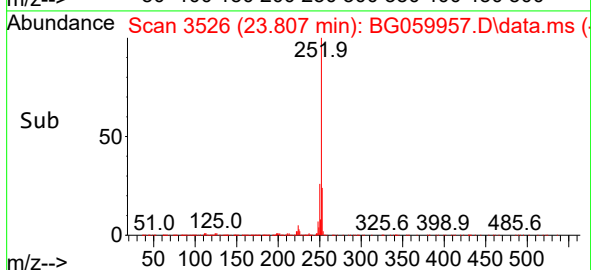
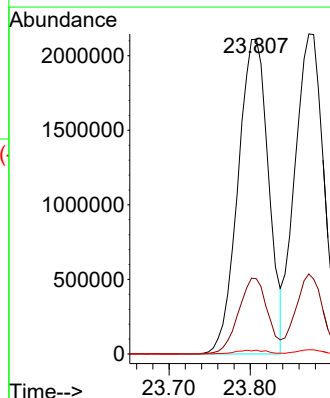
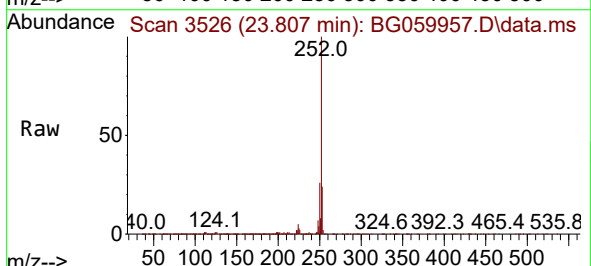
Tgt Ion:252 Resp: 5510825

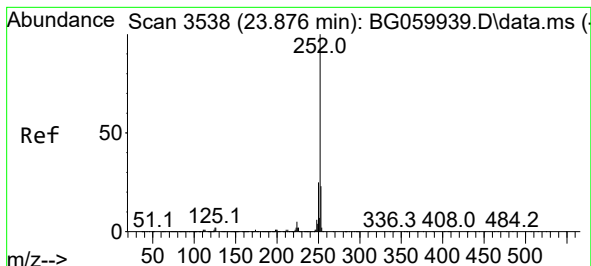
Ion Ratio Lower Upper

252 100

253 23.9 18.5 27.7

125 1.2 1.2 1.8





#89

Benzo(k)fluoranthene

Concen: 46.628 ng

RT: 23.872 min Scan# 3538

Delta R.T. -0.004 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

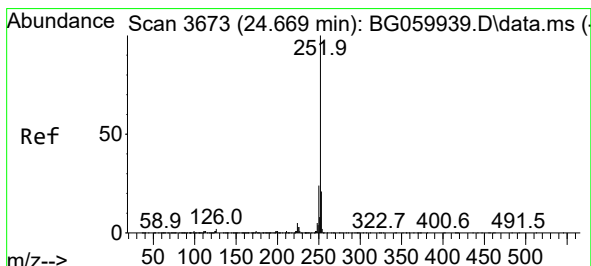
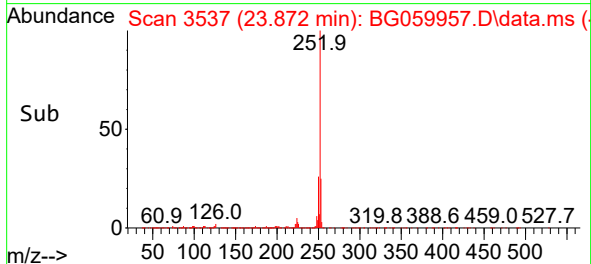
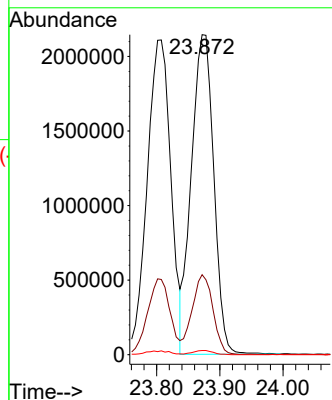
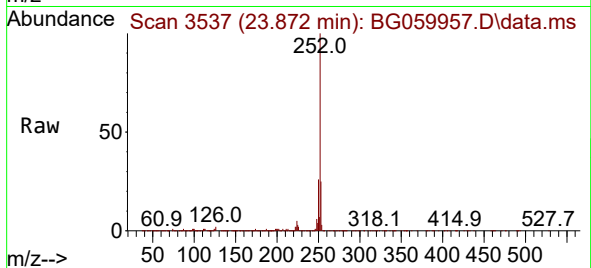
Tgt Ion:252 Resp: 5281280

Ion Ratio Lower Upper

252 100

253 25.0 18.3 27.5

125 1.3 1.3 1.9



#90

Benzo(a)pyrene

Concen: 46.909 ng

RT: 24.671 min Scan# 3673

Delta R.T. 0.002 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

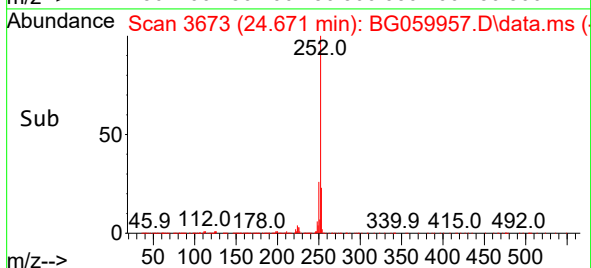
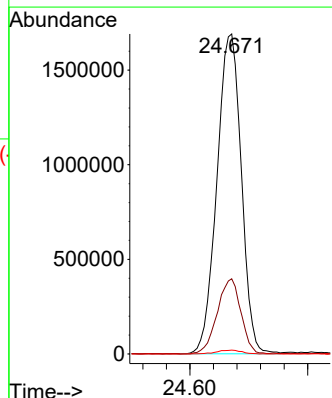
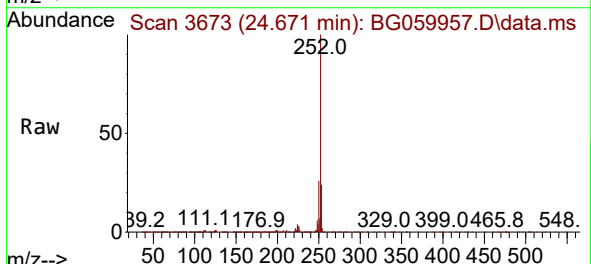
Tgt Ion:252 Resp: 4869628

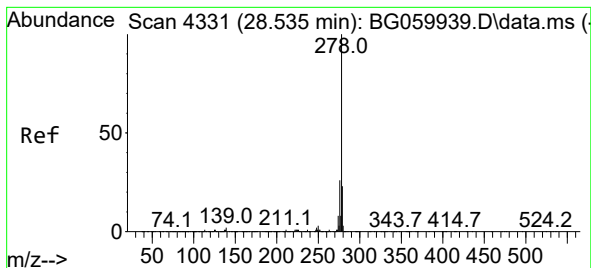
Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.6

125 1.2 0.9 1.3





#91

Dibenzo(a,h)anthracene

Concen: 49.645 ng

RT: 28.537 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

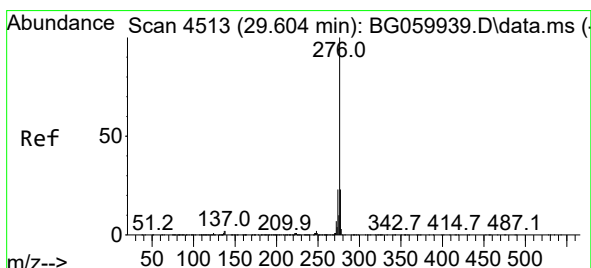
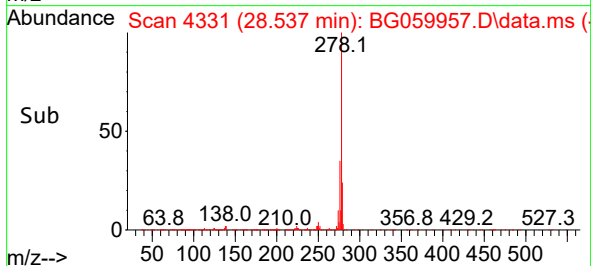
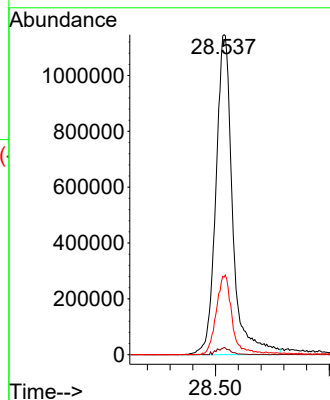
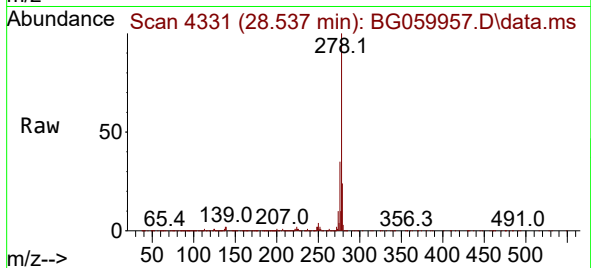
Tgt Ion:278 Resp: 5853304

Ion Ratio Lower Upper

278 100

139 2.3 1.7 2.5

279 24.2 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 44.672 ng

RT: 29.606 min Scan# 4513

Delta R.T. 0.002 min

Lab File: BG059957.D

Acq: 5 Dec 2023 20:09

Tgt Ion:276 Resp: 5093921

Ion Ratio Lower Upper

276 100

277 22.9 18.1 27.1

138 2.2 1.6 2.4

