

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
 Data File : BG059955.D
 Acq On : 5 Dec 2023 18:48
 Operator : MA/JU
 Sample : 05388-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3MSD

Quant Time: Dec 05 22:40:11 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	7.959	152	88574	20.000	ng	# 0.00
21) Naphthalene-d8	10.768	136	341469	20.000	ng	# 0.00
39) Acenaphthene-d10	14.599	164	332431	20.000	ng	0.00
64) Phenanthrene-d10	17.348	188	1161575	20.000	ng	0.00
76) Chrysene-d12	21.620	240	1679522	20.000	ng	0.00
86) Perylene-d12	24.810	264	2020122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	598898	135.855	ng	0.01
7) Phenol-d6	7.119	99	694294	99.925	ng	0.00
23) Nitrobenzene-d5	9.123	82	633049	66.271	ng	0.00
42) 2,4,6-Tribromophenol	16.091	330	1154139	107.907	ng	0.00
45) 2-Fluorobiphenyl	13.224	172	2184948	71.687	ng	0.00
79) Terphenyl-d14	19.969	244	5693330	58.437	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.453	88	84529	56.713	ng	# 60
3) Pyridine	3.841	79	210943	47.424	ng	93
4) n-Nitrosodimethylamine	3.752	42	131584	56.272	ng	# 99
6) Aniline	7.284	93	167093	21.790	ng	92
8) 2-Chlorophenol	7.524	128	200860	46.711	ng	96
9) Benzaldehyde	7.096	77	18934	3.668	ng	93
10) Phenol	7.143	94	272193	39.165	ng	99
11) bis(2-Chloroethyl)ether	7.378	93	198577	41.058	ng	99
12) 1,3-Dichlorobenzene	7.848	146	255114	41.223	ng	97
13) 1,4-Dichlorobenzene	7.995	146	265475	41.439	ng	96
14) 1,2-Dichlorobenzene	8.312	146	262656	41.820	ng	96
15) Benzyl Alcohol	8.194	79	321241	46.786	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.488	45	108347	42.656	ng	89
17) 2-Methylphenol	8.394	107	207163	44.235	ng	95
18) Hexachloroethane	9.046	117	96585	38.856	ng	# 77
19) n-Nitroso-di-n-propyla...	8.764	70	214539	41.202	ng	# 94
20) 3+4-Methylphenols	8.723	107	285329	42.936	ng	95
22) Acetophenone	8.782	105	436633	40.015	ng	# 95
24) Nitrobenzene	9.164	77	365315	38.219	ng	97
25) Isophorone	9.687	82	631085	38.426	ng	# 93
26) 2-Nitrophenol	9.875	139	125792	41.384	ng	92
27) 2,4-Dimethylphenol	9.933	122	196805	47.168	ng	88
28) bis(2-Chloroethoxy)met...	10.174	93	298051	38.628	ng	92
29) 2,4-Dichlorophenol	10.403	162	374318	45.057	ng	95
30) 1,2,4-Trichlorobenzene	10.627	180	483996	39.952	ng	92
31) Naphthalene	10.815	128	697845	39.757	ng	97
32) Benzoic acid	10.051	122	135834	34.140	ng	91
33) 4-Chloroaniline	10.915	127	30897	4.514	ng	# 78
34) Hexachlorobutadiene	11.103	225	508470	37.436	ng	93
35) Caprolactam	11.696	113	37865	21.671	ng	97
36) 4-Chloro-3-methylphenol	12.037	107	304012	44.438	ng	93
37) 2-Methylnaphthalene	12.425	142	614308	41.233	ng	97
38) 1-Methylnaphthalene	12.642	142	591683	40.666	ng	# 94
40) 1,2,4,5-Tetrachloroben...	12.789	216	1046525	44.098	ng	99
41) Hexachlorocyclopentadiene	12.771	237	858964	71.432	ng	99
43) 2,4,6-Trichlorophenol	13.024	196	545238	44.868	ng	96

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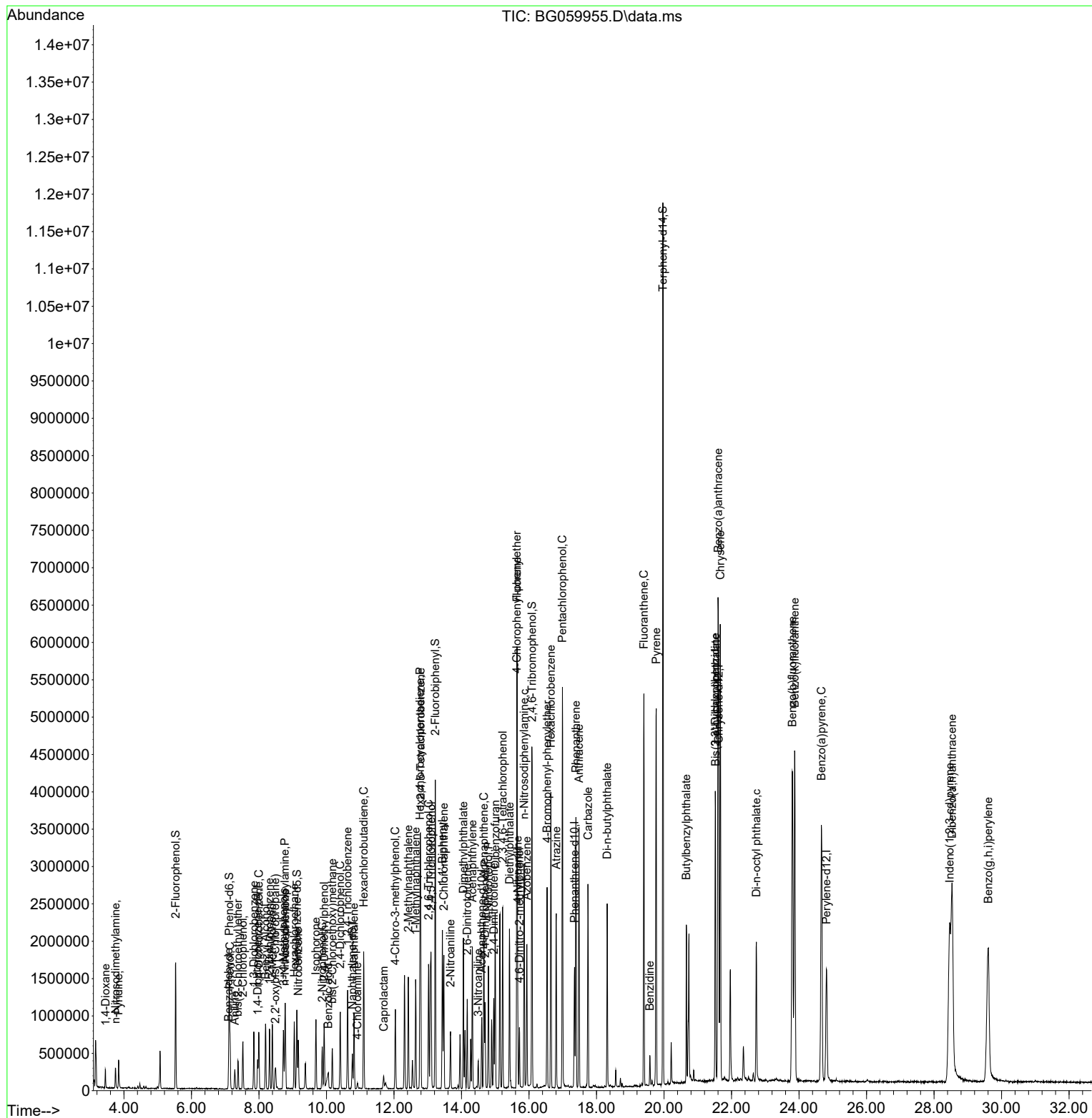
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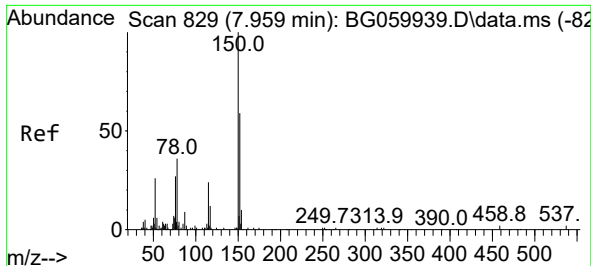
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.100	196	600286	44.922	ng	96
46) 1,1'-Biphenyl	13.435	154	1074053	44.210	ng	98
47) 2-Chloronaphthalene	13.476	162	907593	41.755	ng	98
48) 2-Nitroaniline	13.676	65	193646	47.001	ng	95
49) Acenaphthylene	14.322	152	1346729	46.294	ng	97
50) Dimethylphthalate	14.058	163	1251096	44.210	ng	99
51) 2,6-Dinitrotoluene	14.170	165	255464	41.203	ng	95
52) Acenaphthene	14.663	154	796074	37.915	ng	98
53) 3-Nitroaniline	14.499	138	74594	19.393	ng	89
54) 2,4-Dinitrophenol	14.698	184	369627	68.351	ng	96
55) Dibenzofuran	14.998	168	1555135	43.912	ng	99
56) 4-Nitrophenol	14.798	139	253774	76.023	ng	# 88
57) 2,4-Dinitrotoluene	14.957	165	366853	42.543	ng	96
58) Fluorene	15.644	166	1347593	44.715	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	732327	46.068	ng	98
60) Diethylphthalate	15.421	149	1109545	44.020	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	1187170	43.424	ng	97
62) 4-Nitroaniline	15.662	138	179023	40.435	ng	97
63) Azobenzene	15.932	77	1053294	40.282	ng	97
65) 4,6-Dinitro-2-methylph...	15.715	198	319894	36.021	ng	97
66) n-Nitrosodiphenylamine	15.856	169	1246140	46.834	ng	99
67) 4-Bromophenyl-phenylether	16.537	248	790030	39.698	ng	95
68) Hexachlorobenzene	16.649	284	984521	44.525	ng	98
69) Atrazine	16.808	200	723400	55.101	ng	97
70) Pentachlorophenol	16.990	266	1298443	81.036	ng	98
71) Phenanthrene	17.389	178	2449267	44.655	ng	98
72) Anthracene	17.483	178	2497980	44.556	ng	100
73) Carbazole	17.748	167	1824572	42.820	ng	97
74) Di-n-butylphthalate	18.318	149	1668193	45.263	ng	99
75) Fluoranthene	19.405	202	3612120	40.072	ng	99
77) Benzidine	19.581	184	291003	20.558	ng	97
78) Pyrene	19.769	202	3731418	41.747	ng	95
80) Butylbenzylphthalate	20.662	149	599319	47.268	ng	95
81) Benzo(a)anthracene	21.602	228	4723106	42.148	ng	93
82) 3,3'-Dichlorobenzidine	21.520	252	912865	24.804	ng	# 95
83) Chrysene	21.667	228	4393888	41.822	ng	95
84) Bis(2-ethylhexyl)phtha...	21.526	149	921155	47.479	ng	98
85) Di-n-octyl phthalate	22.736	149	1678457	50.060	ng	99
87) Indeno(1,2,3-cd)pyrene	28.459	276	6570818	44.048	ng	# 100
88) Benzo(b)fluoranthene	23.800	252	5235253	41.928	ng	# 99
89) Benzo(k)fluoranthene	23.876	252	5034567	41.379	ng	# 97
90) Benzo(a)pyrene	24.663	252	4676867	41.940	ng	96
91) Dibenzo(a,h)anthracene	28.535	278	5515228	43.546	ng	97
92) Benzo(g,h,i)perylene	29.610	276	5023680	41.012	ng	# 99

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

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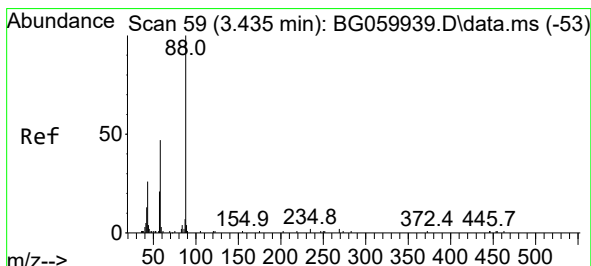
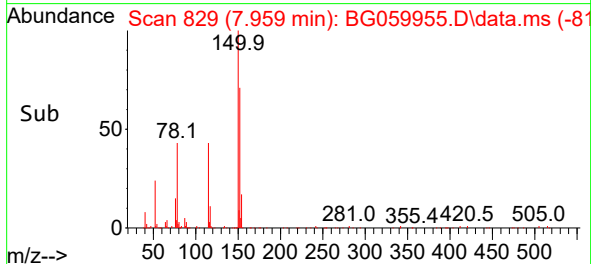
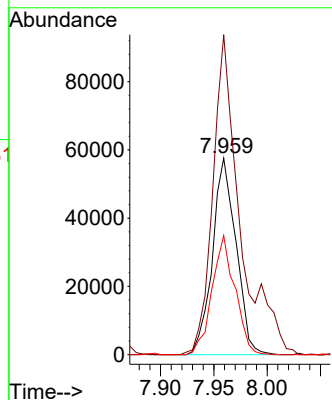
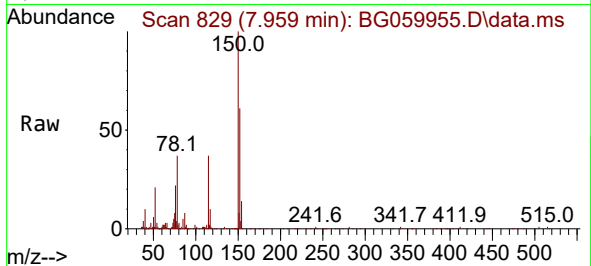




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.959 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BG059955.D
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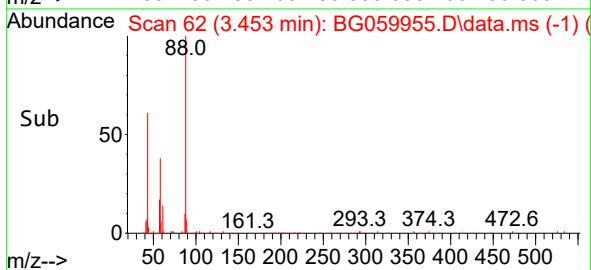
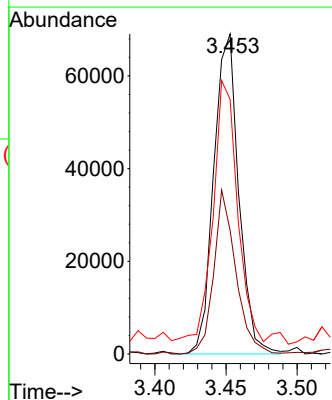
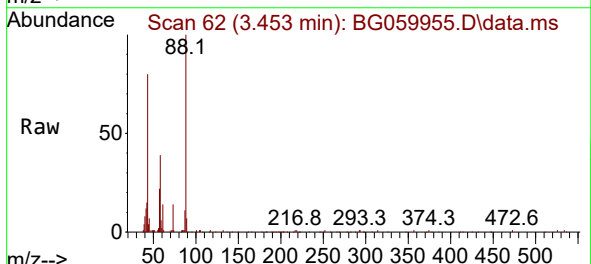
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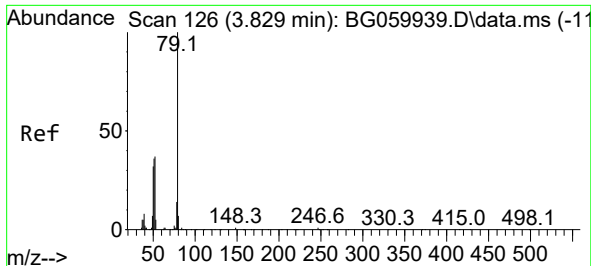
Tgt Ion:152 Resp: 88574
 Ion Ratio Lower Upper
 152 100
 150 162.9 136.9 205.3
 115 60.6 32.9 49.3#



#2
 1,4-Dioxane
 Concen: 56.713 ng
 RT: 3.453 min Scan# 62
 Delta R.T. 0.018 min
 Lab File: BG059955.D
 Acq: 5 Dec 2023 18:48

Tgt Ion: 88 Resp: 84529
 Ion Ratio Lower Upper
 88 100
 58 45.1 38.2 57.2
 43 79.9 21.0 31.4#

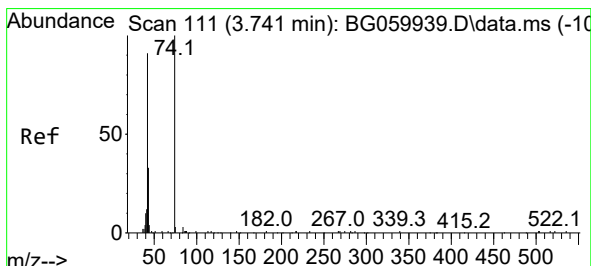
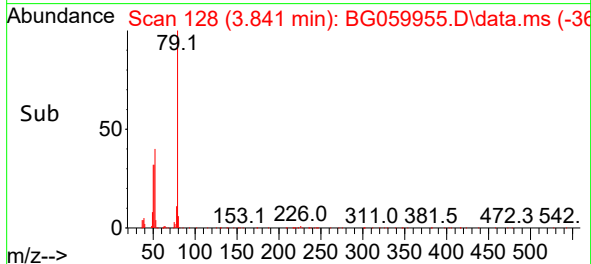
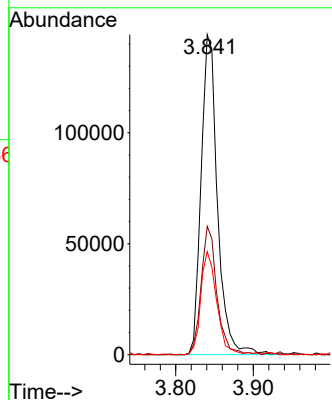
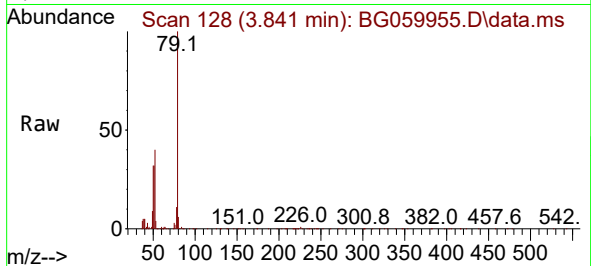




#3
Pyridine
Concen: 47.424 ng
RT: 3.841 min Scan# 11
Delta R.T. 0.012 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

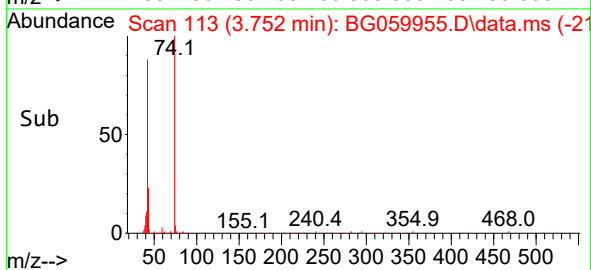
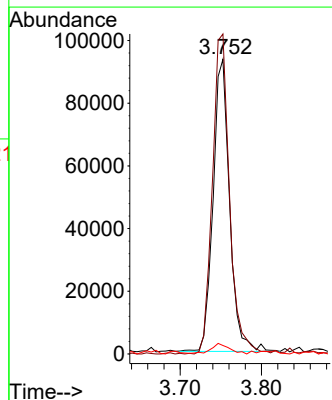
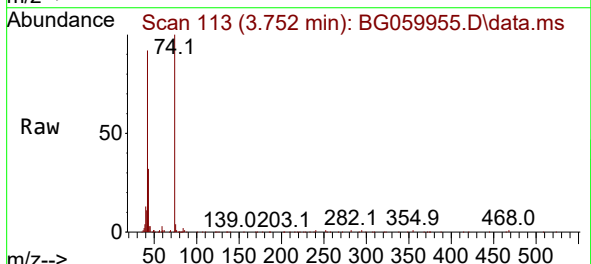
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

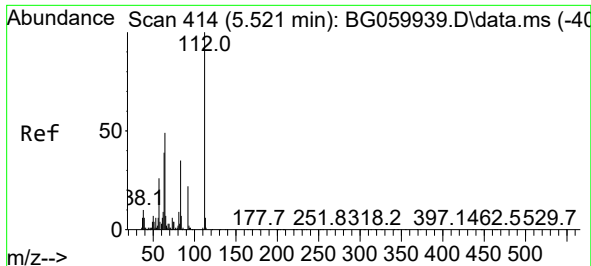
Tgt Ion: 79 Resp: 210943
Ion Ratio Lower Upper
79 100
52 40.1 29.8 44.8
51 32.2 30.3 45.5



#4
n-Nitrosodimethylamine
Concen: 56.272 ng
RT: 3.752 min Scan# 113
Delta R.T. 0.012 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion: 42 Resp: 131584
Ion Ratio Lower Upper
42 100
74 108.6 87.4 131.2
44 2.9 3.7 5.5#

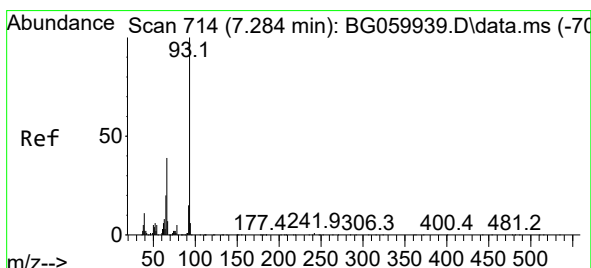
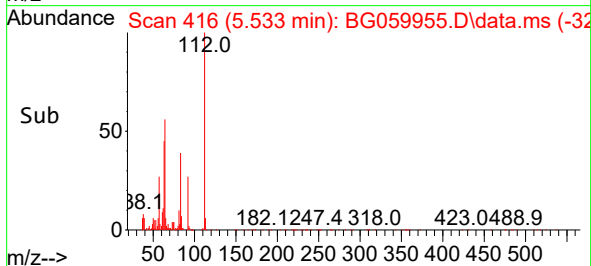
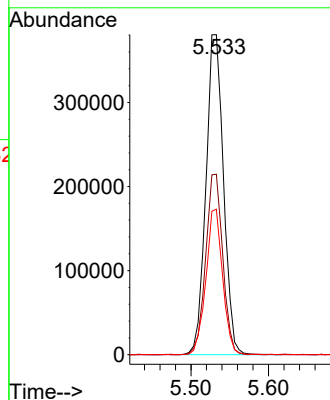
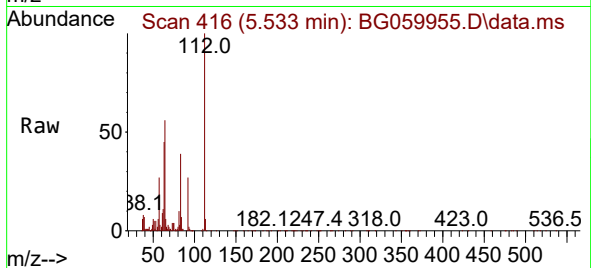




#5
2-Fluorophenol
Concen: 135.855 ng
RT: 5.533 min Scan# 414
Delta R.T. 0.012 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

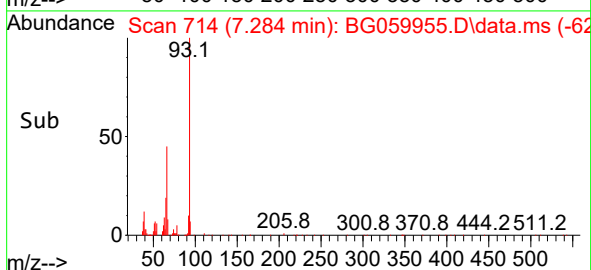
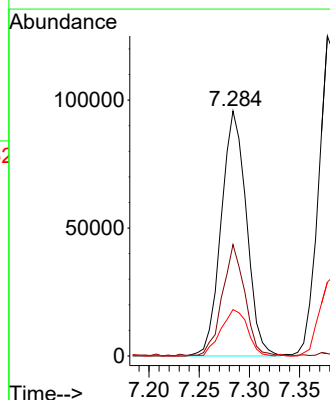
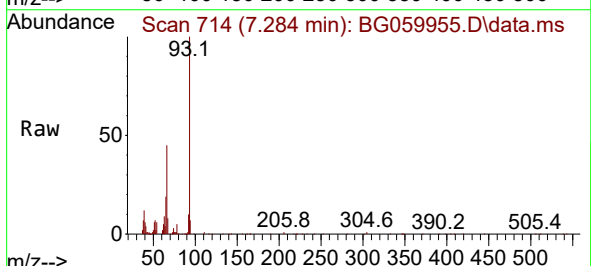
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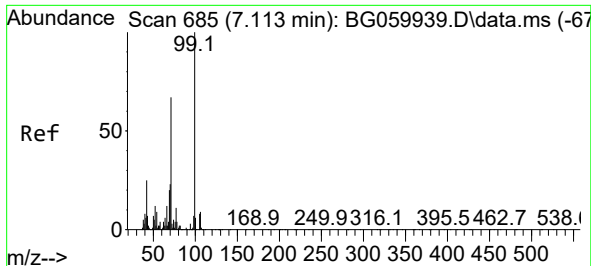
Tgt Ion:112 Resp: 598898
Ion Ratio Lower Upper
112 100
64 56.4 39.4 59.0
63 45.5 31.2 46.8



#6
Aniline
Concen: 21.790 ng
RT: 7.284 min Scan# 714
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion: 93 Resp: 167093
Ion Ratio Lower Upper
93 100
66 45.5 31.4 47.0
65 19.0 16.2 24.2





#7

Phenol-d6

Concen: 99.925 ng

RT: 7.119 min Scan# 61

Delta R.T. 0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

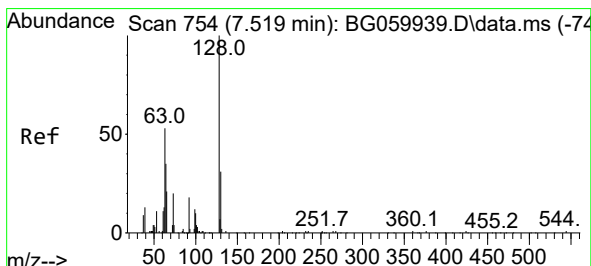
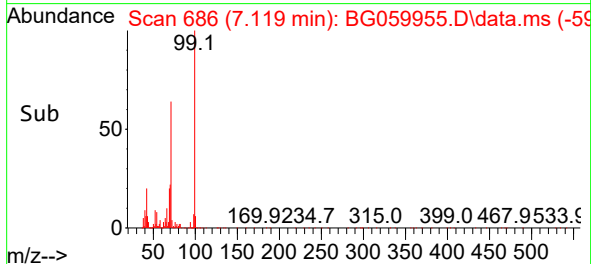
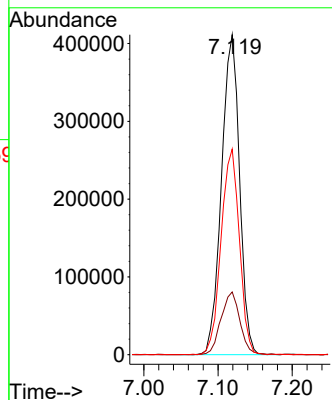
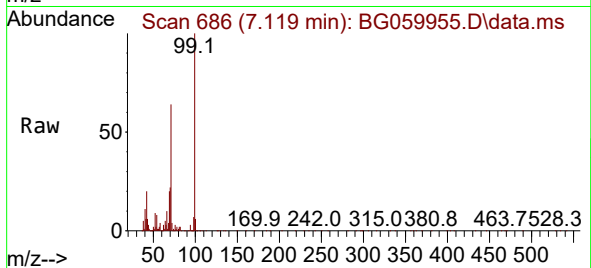
Tgt Ion: 99 Resp: 694294

Ion Ratio Lower Upper

99 100

42 19.6 20.1 30.1#

71 64.2 53.8 80.6



#8

2-Chlorophenol

Concen: 46.711 ng

RT: 7.524 min Scan# 755

Delta R.T. 0.006 min

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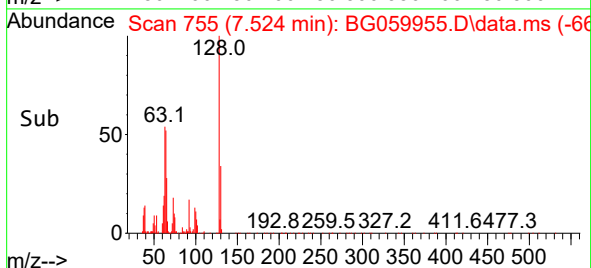
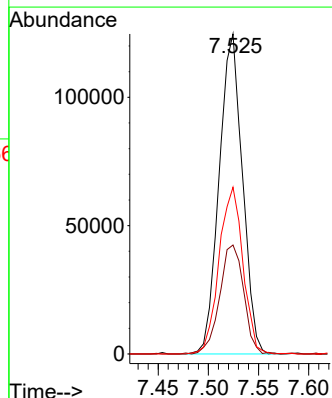
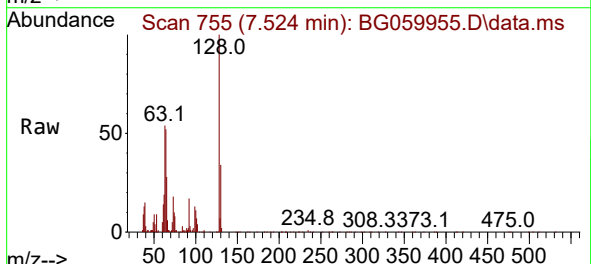
Tgt Ion:128 Resp: 200860

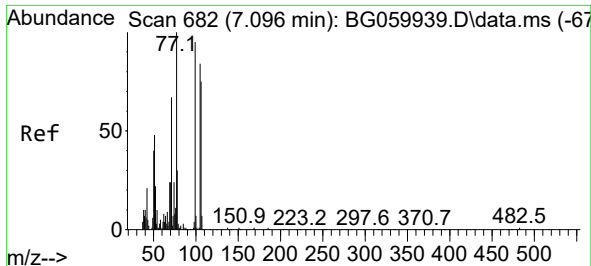
Ion Ratio Lower Upper

128 100

130 34.1 10.9 50.9

64 52.1 30.3 70.3

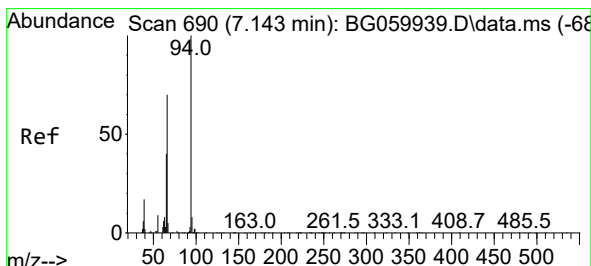
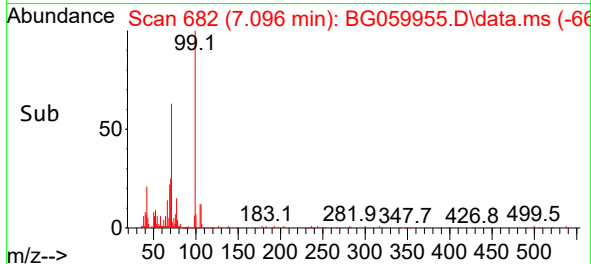
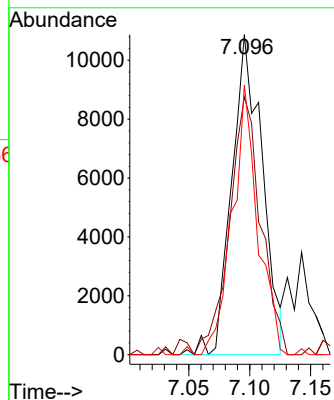
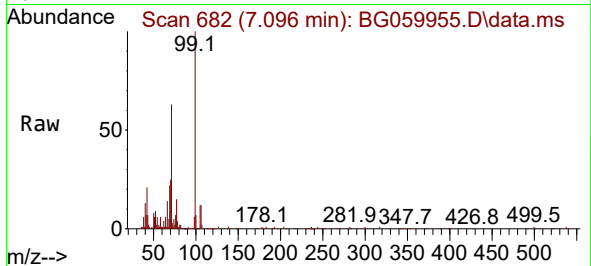




#9
Benzaldehyde
Concen: 3.668 ng
RT: 7.096 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG059955.D
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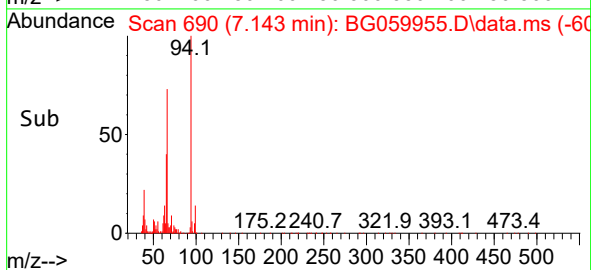
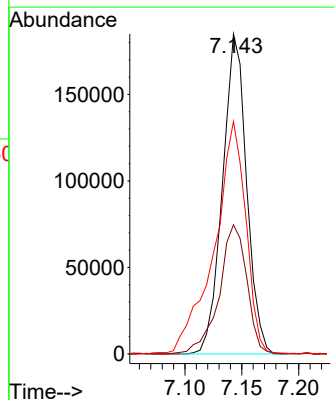
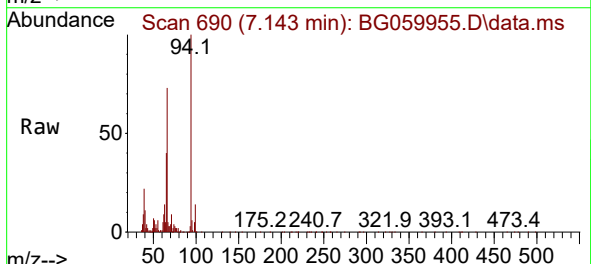
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ClientSampleId :
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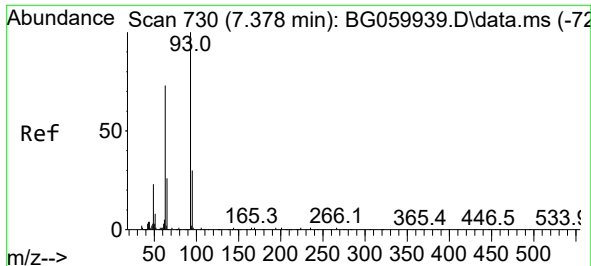
Tgt Ion: 77 Resp: 18934
Ion Ratio Lower Upper
77 100
105 80.6 64.2 104.2
106 84.2 55.6 95.6



#10
Phenol
Concen: 39.165 ng
RT: 7.143 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion: 94 Resp: 272193
Ion Ratio Lower Upper
94 100
65 40.4 20.6 60.6
66 72.7 52.1 92.1

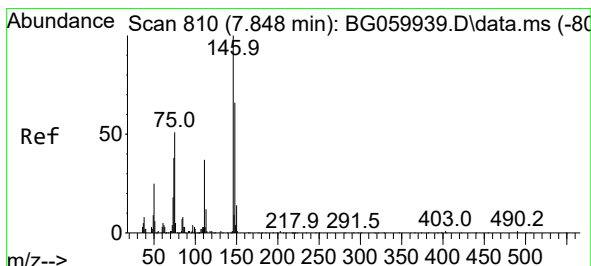
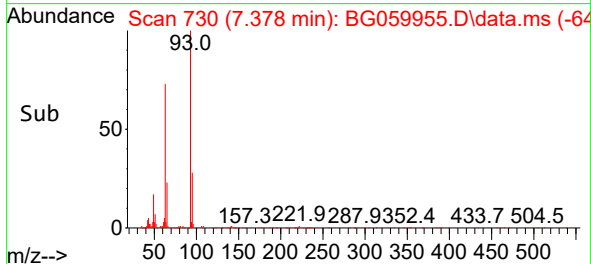
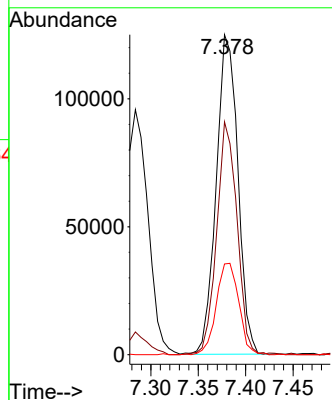
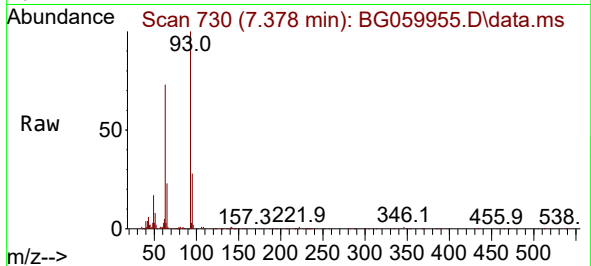




#11
bis(2-Chloroethyl)ether
Concen: 41.058 ng
RT: 7.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

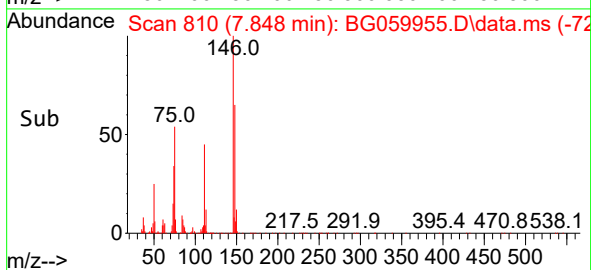
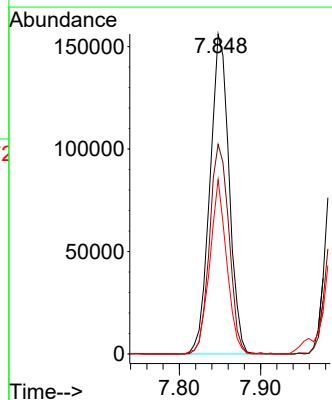
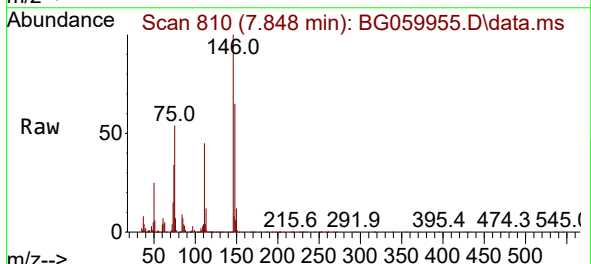
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

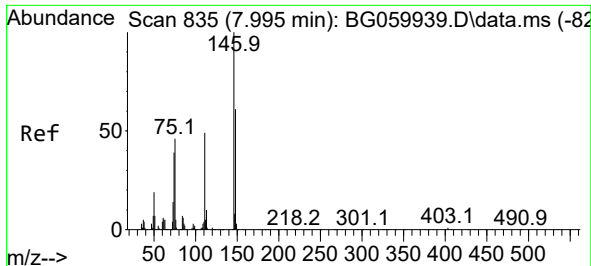
Tgt Ion: 93 Resp: 198577
Ion Ratio Lower Upper
93 100
63 72.7 52.9 92.9
95 28.3 9.9 49.9



#12
1,3-Dichlorobenzene
Concen: 41.223 ng
RT: 7.848 min Scan# 810
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion: 146 Resp: 255114
Ion Ratio Lower Upper
146 100
148 65.5 52.9 79.3
75 54.5 40.7 61.1

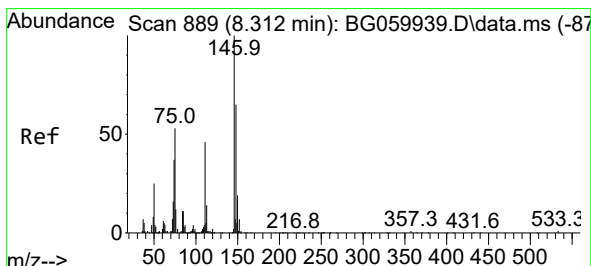
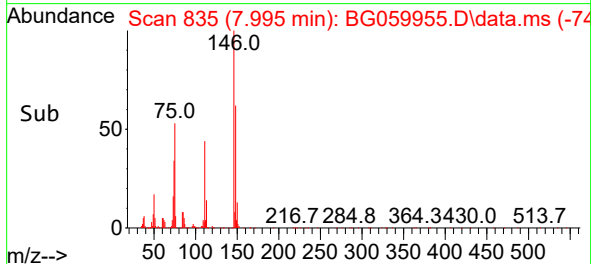
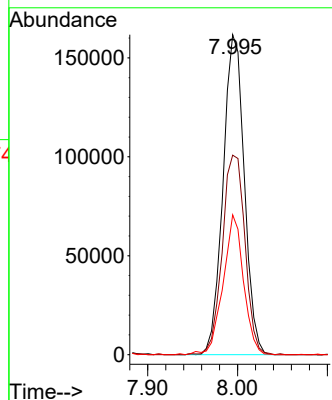
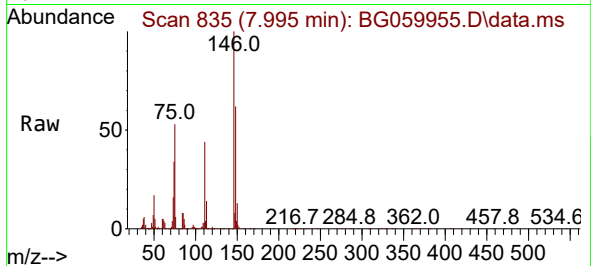




#13
1,4-Dichlorobenzene
Concen: 41.439 ng
RT: 7.995 min Scan# 835
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

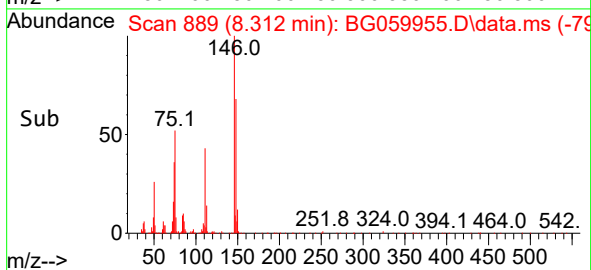
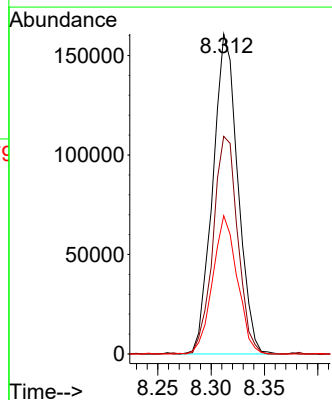
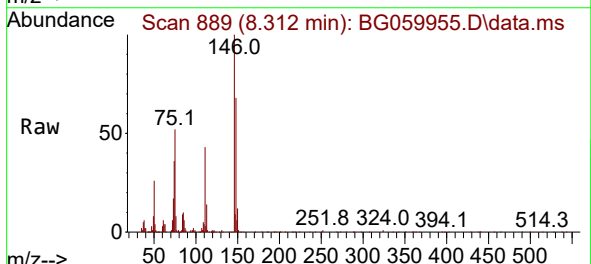
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

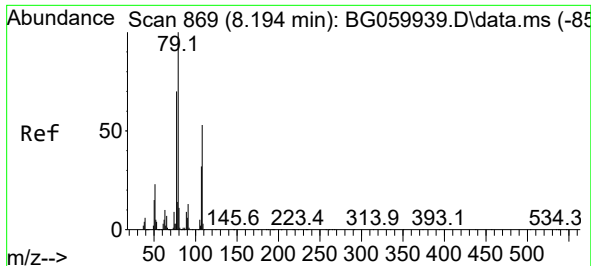
Tgt Ion:146 Resp: 265475
Ion Ratio Lower Upper
146 100
148 62.4 48.8 73.2
111 43.7 39.1 58.7



#14
1,2-Dichlorobenzene
Concen: 41.820 ng
RT: 8.312 min Scan# 889
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:146 Resp: 262656
Ion Ratio Lower Upper
146 100
148 68.0 52.4 78.6
111 43.2 36.7 55.1

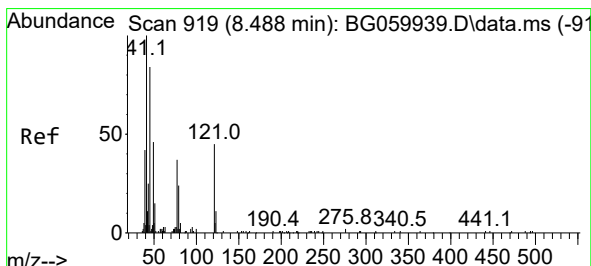
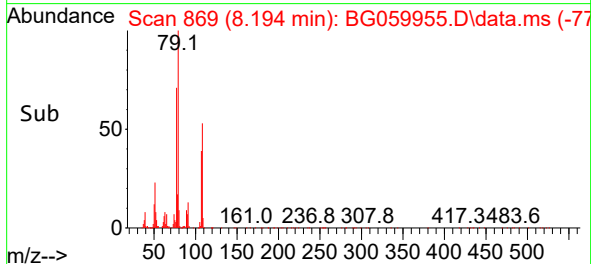
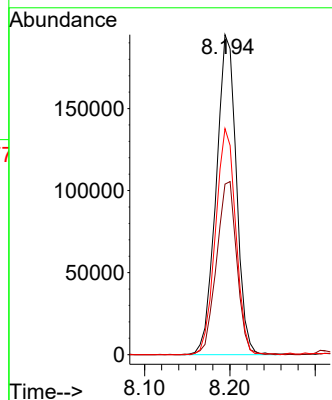
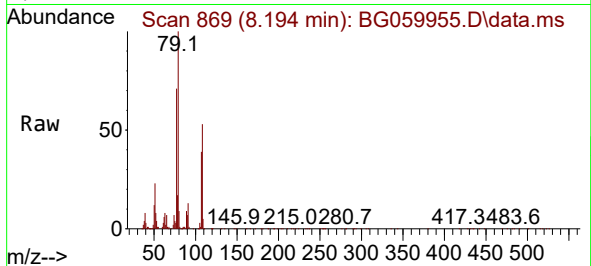




#15
Benzyl Alcohol
Concen: 46.786 ng
RT: 8.194 min Scan# 869
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

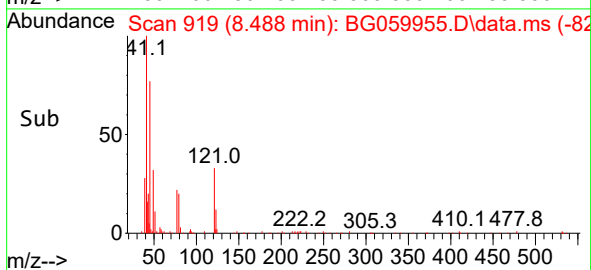
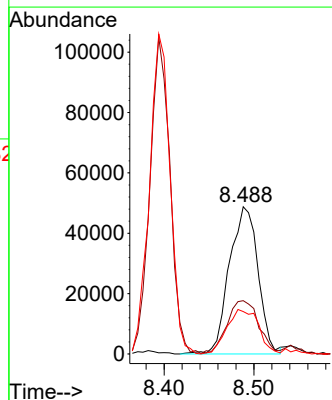
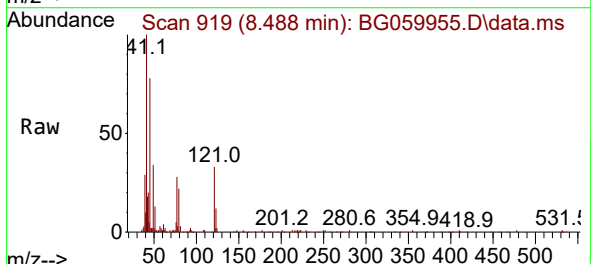
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

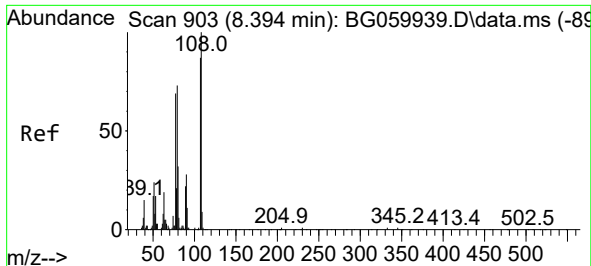
Tgt Ion: 79 Resp: 321241
Ion Ratio Lower Upper
79 100
108 53.3 42.7 64.1
77 70.7 56.3 84.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.656 ng
RT: 8.488 min Scan# 919
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion: 45 Resp: 108347
Ion Ratio Lower Upper
45 100
77 36.1 26.2 66.2
79 28.8 11.2 51.2

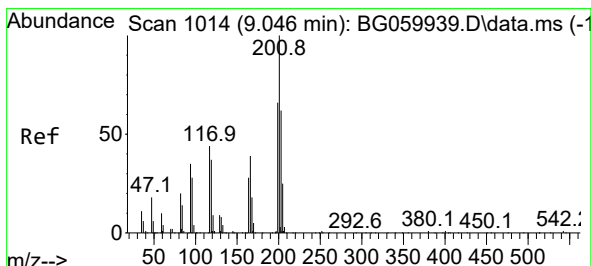
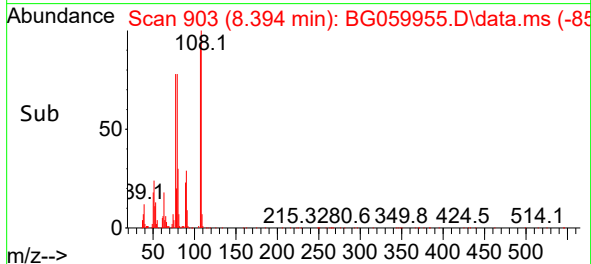
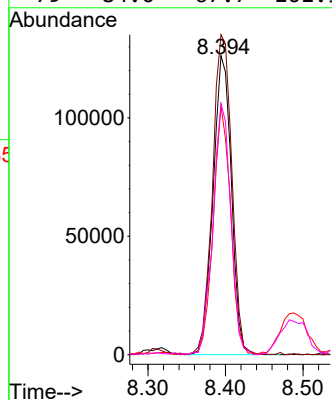
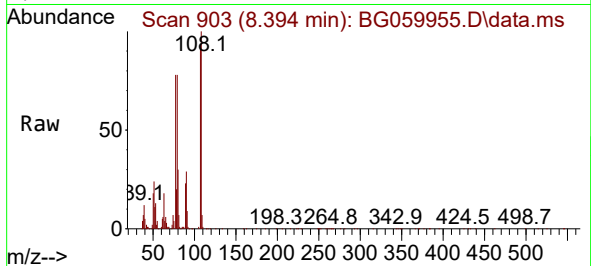




#17
2-Methylphenol
Concen: 44.235 ng
RT: 8.394 min Scan# 903
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

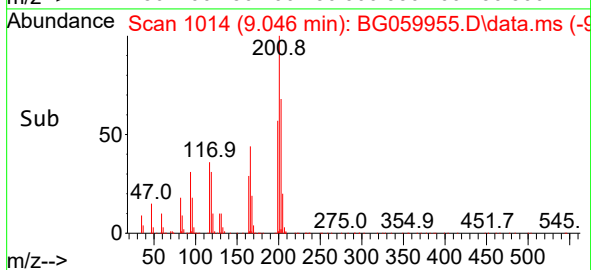
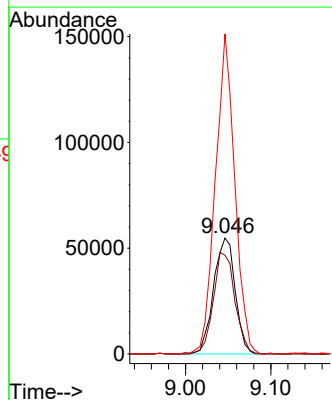
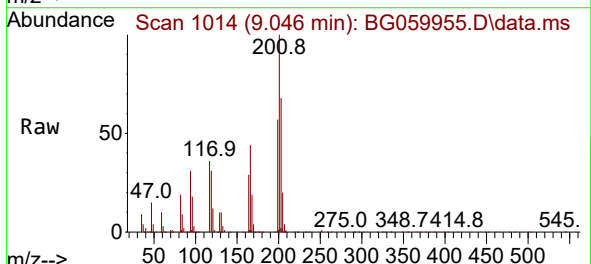
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

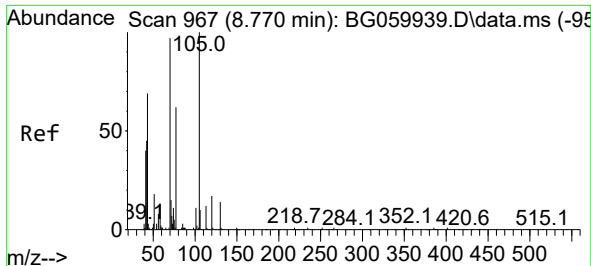
Tgt Ion:	107	Resp:	207163
Ion	Ratio	Lower	Upper
107	100		
108	107.0	92.2	138.4
77	83.1	63.7	95.5
79	84.0	67.7	101.5



#18
Hexachloroethane
Concen: 38.856 ng
RT: 9.046 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:	117	Resp:	96585
Ion	Ratio	Lower	Upper
117	100		
119	85.2	67.5	101.3
201	280.7	183.0	274.6

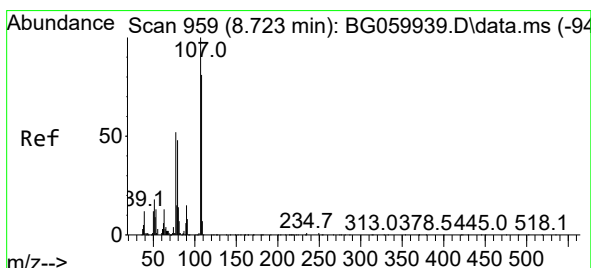
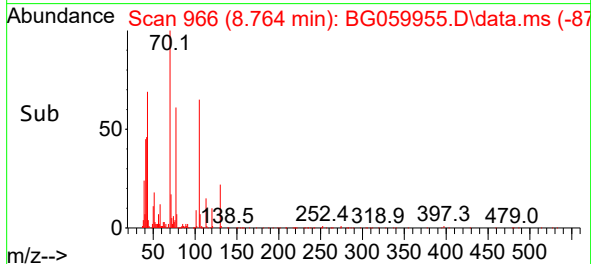
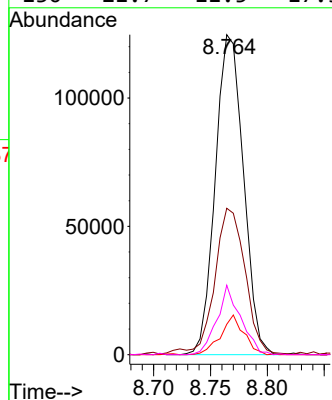
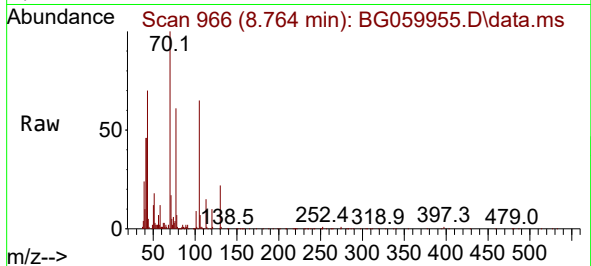




#19
n-Nitroso-di-n-propylamine
Concen: 41.202 ng
RT: 8.764 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

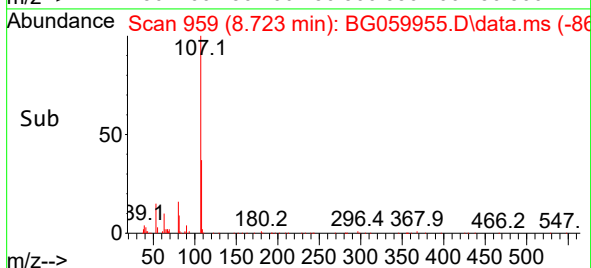
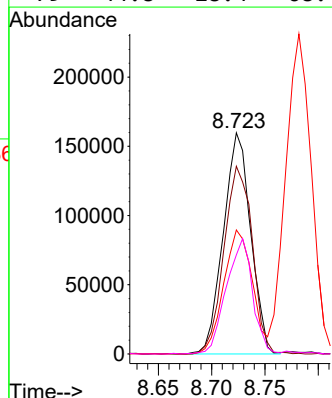
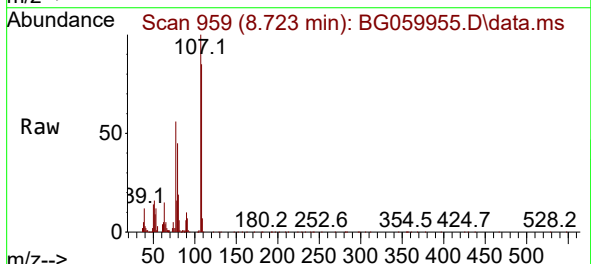
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

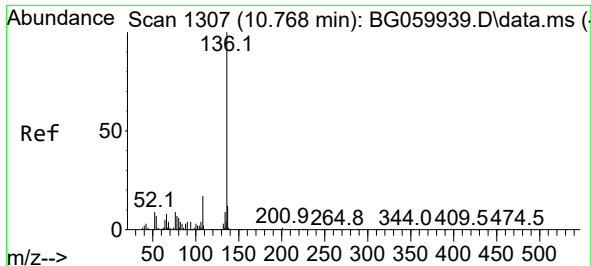
Tgt Ion: 70 Resp: 214539
Ion Ratio Lower Upper
70 100
42 45.8 38.1 57.1
101 9.5 8.6 13.0
130 21.7 11.5 17.3#



#20
3+4-Methylphenols
Concen: 42.936 ng
RT: 8.723 min Scan# 959
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion: 107 Resp: 285329
Ion Ratio Lower Upper
107 100
108 84.9 60.7 100.7
77 56.1 32.2 72.2
79 44.8 28.4 68.4

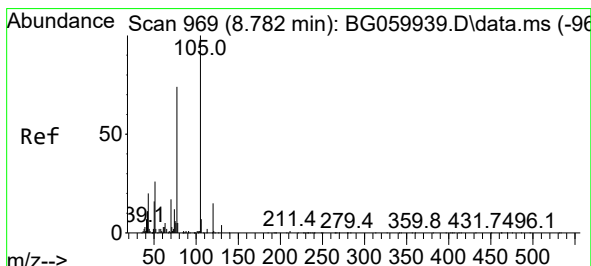
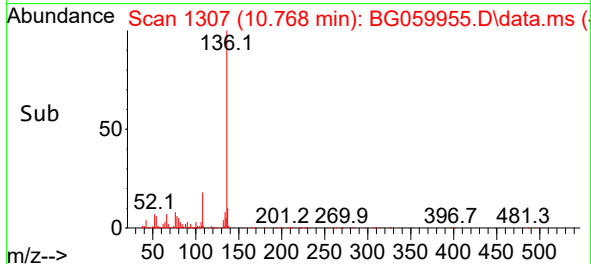
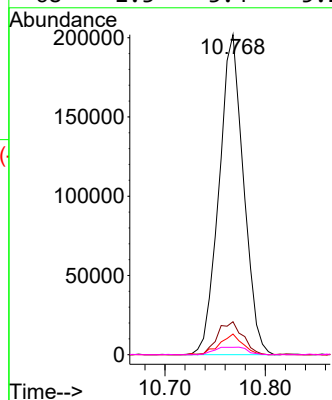
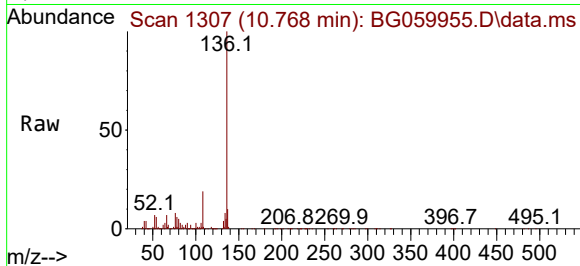




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.768 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

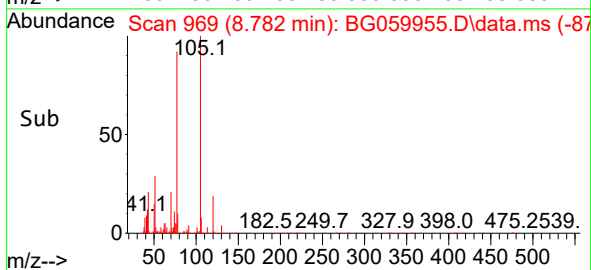
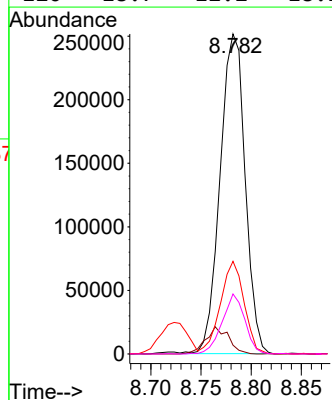
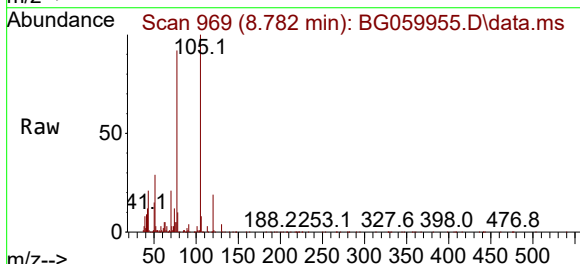
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

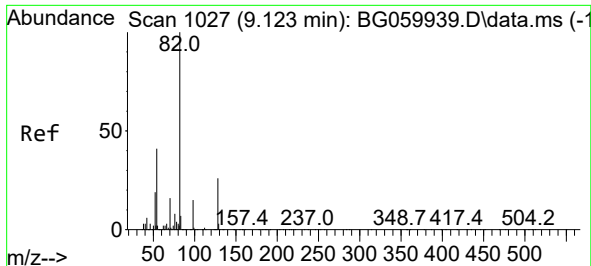
Tgt Ion:136 Resp: 341469
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 6.4 5.8 8.6
68 2.3 3.4 5.2#



#22
Acetophenone
Concen: 40.015 ng
RT: 8.782 min Scan# 969
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:105 Resp: 436633
Ion Ratio Lower Upper
105 100
71 2.8 3.0 4.4#
51 29.0 24.4 36.6
120 18.7 12.2 18.2#

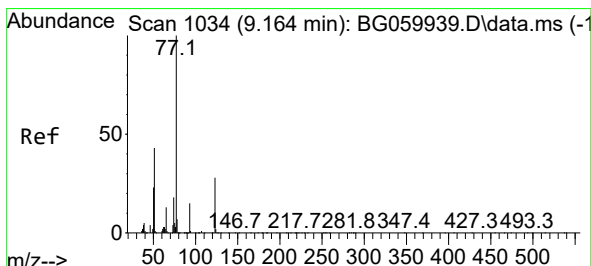
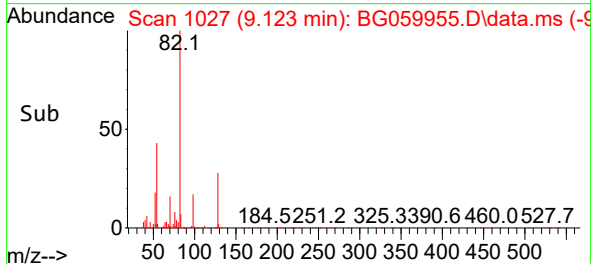
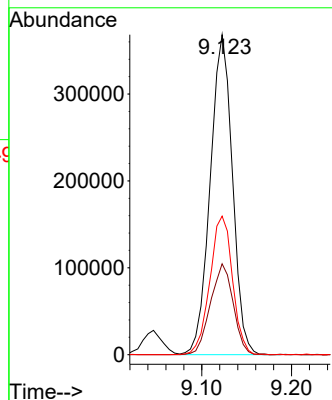
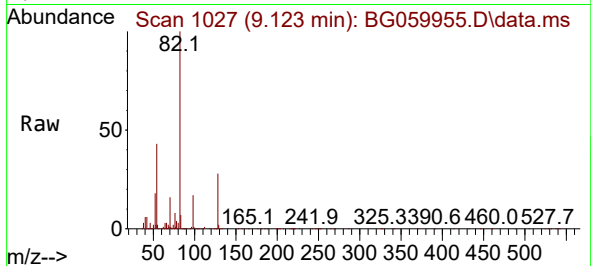




#23
Nitrobenzene-d5
Concen: 66.271 ng
RT: 9.123 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

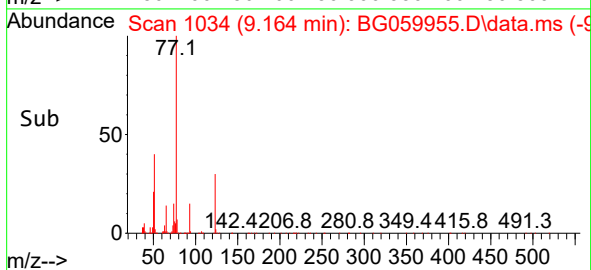
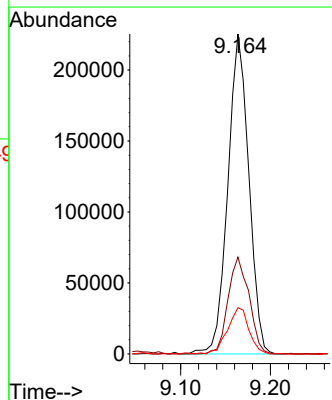
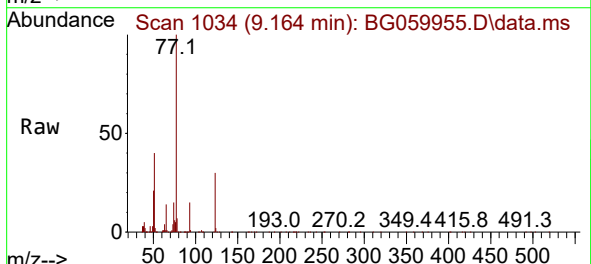
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

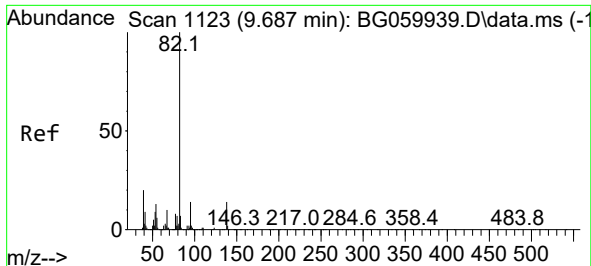
Tgt Ion: 82 Resp: 633049
Ion Ratio Lower Upper
82 100
128 28.4 21.0 31.6
54 43.3 32.6 48.8



#24
Nitrobenzene
Concen: 38.219 ng
RT: 9.164 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion: 77 Resp: 365315
Ion Ratio Lower Upper
77 100
123 30.2 22.7 34.1
65 14.5 10.6 16.0

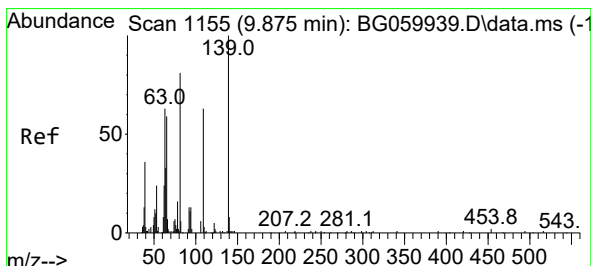
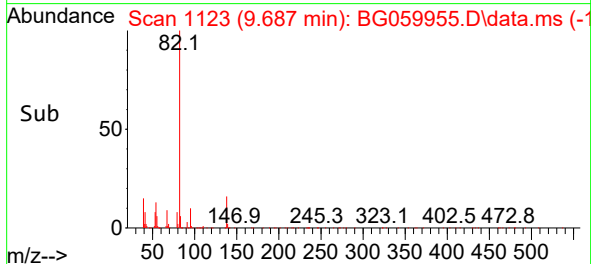
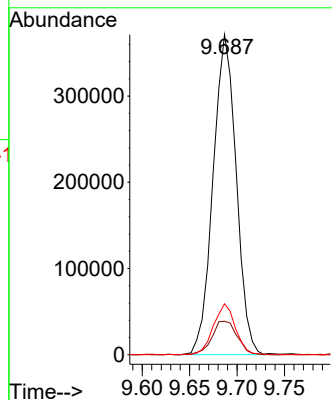
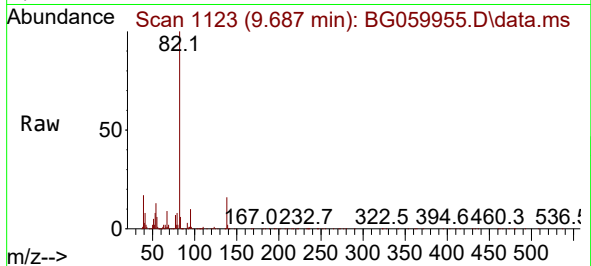




#25
Isophorone
Concen: 38.426 ng
RT: 9.687 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

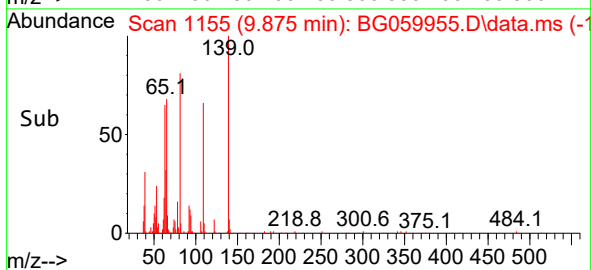
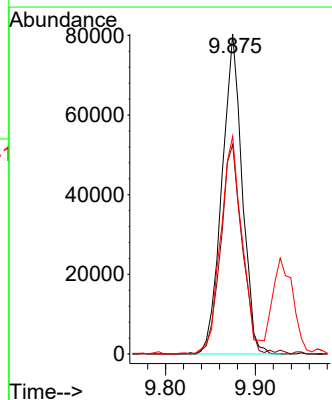
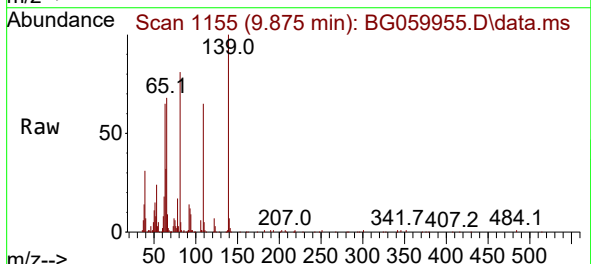
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

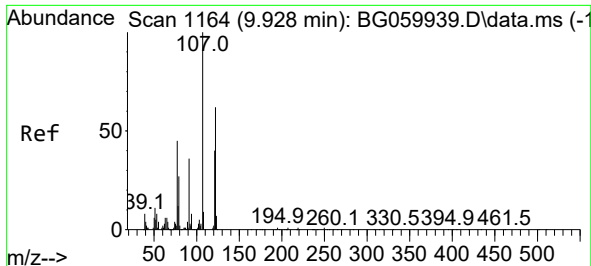
Tgt Ion: 82 Resp: 631085
Ion Ratio Lower Upper
82 100
95 10.5 11.2 16.8#
138 15.9 11.0 16.4



#26
2-Nitrophenol
Concen: 41.384 ng
RT: 9.875 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:139 Resp: 125792
Ion Ratio Lower Upper
139 100
109 65.4 50.2 75.2
65 68.0 46.8 70.2





#27

2,4-Dimethylphenol

Concen: 47.168 ng

RT: 9.933 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

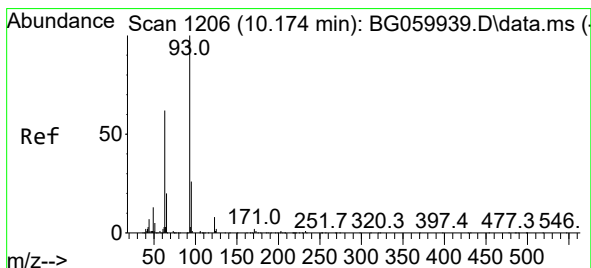
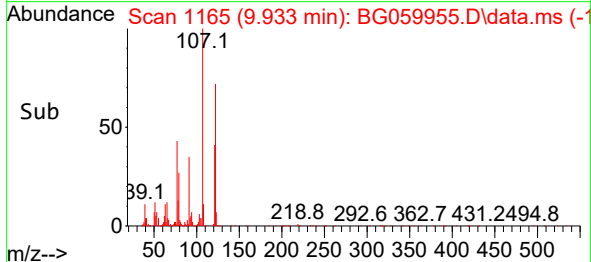
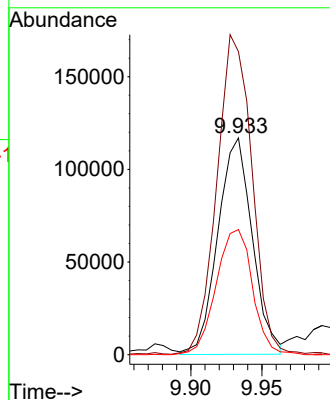
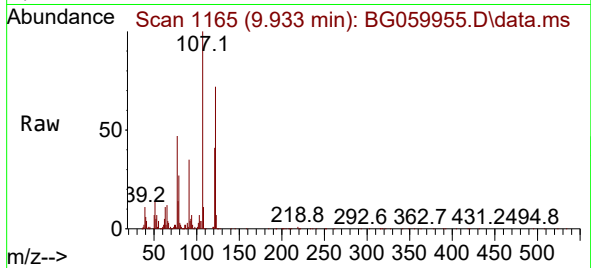
Tgt Ion:122 Resp: 196805

Ion Ratio Lower Upper

122 100

107 139.8 126.1 189.1

121 57.8 50.3 75.5



#28

bis(2-Chloroethoxy)methane

Concen: 38.628 ng

RT: 10.174 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

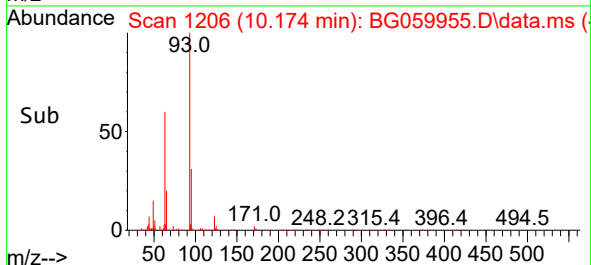
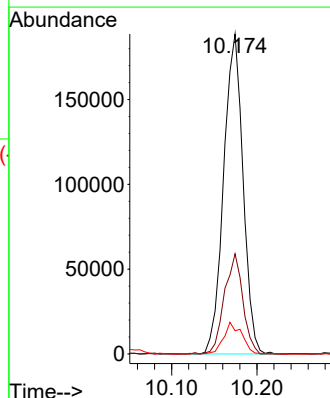
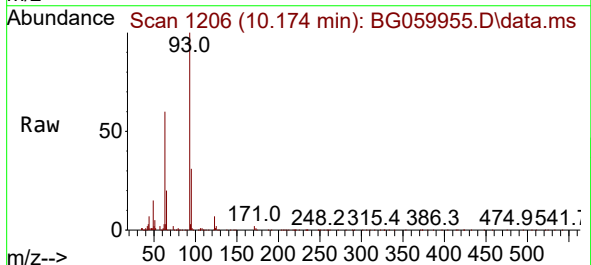
Tgt Ion: 93 Resp: 298051

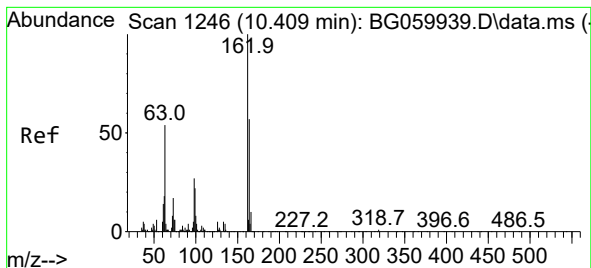
Ion Ratio Lower Upper

93 100

95 31.3 21.0 31.4

123 7.3 6.7 10.1





#29

2,4-Dichlorophenol

Concen: 45.057 ng

RT: 10.403 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

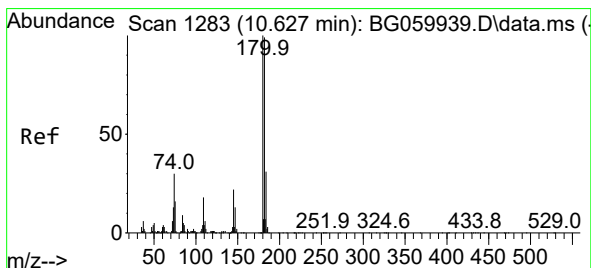
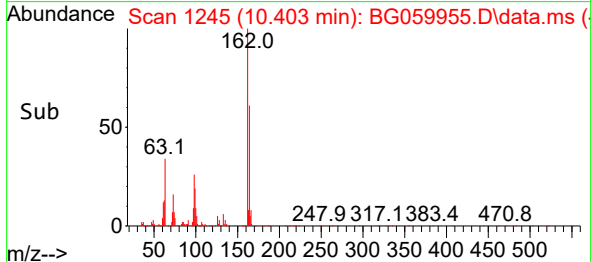
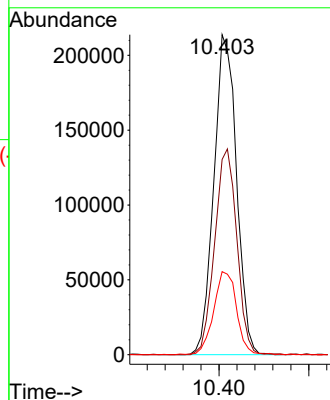
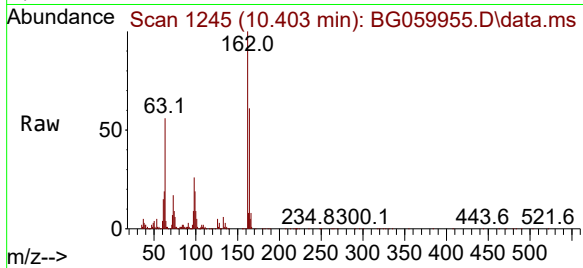
Tgt Ion:162 Resp: 374318

Ion Ratio Lower Upper

162 100

164 61.0 36.7 76.7

98 26.0 7.4 47.4



#30

1,2,4-Trichlorobenzene

Concen: 39.952 ng

RT: 10.627 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

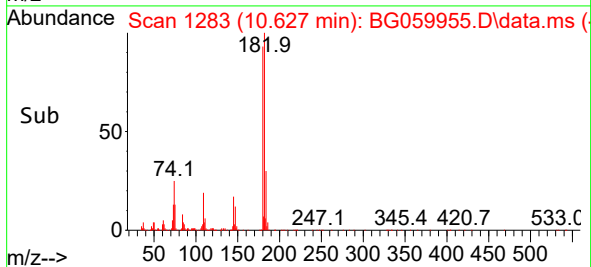
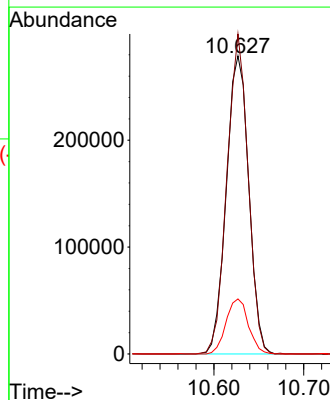
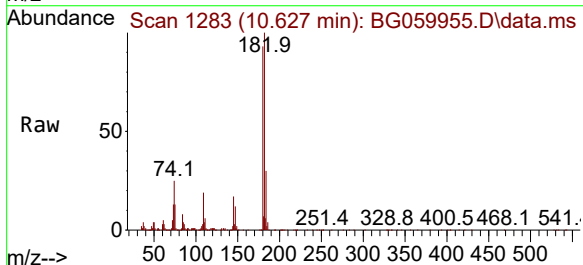
Tgt Ion:180 Resp: 483996

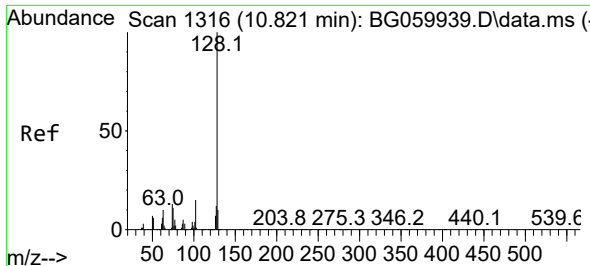
Ion Ratio Lower Upper

180 100

182 107.4 79.0 118.6

145 18.5 17.4 26.0

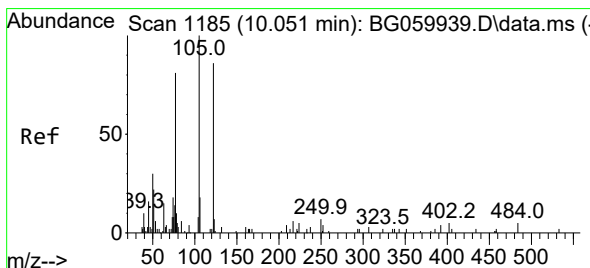
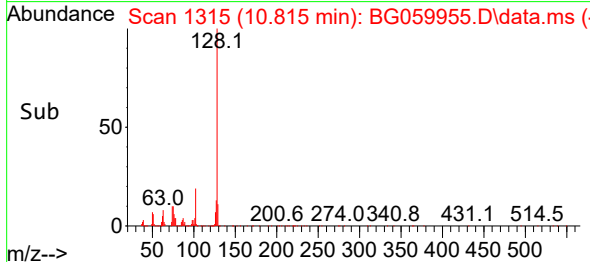
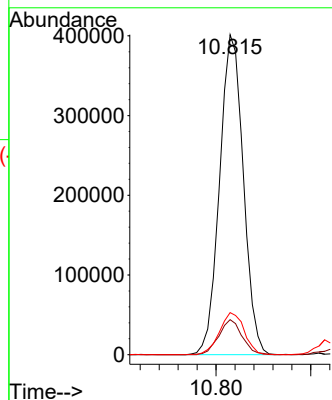
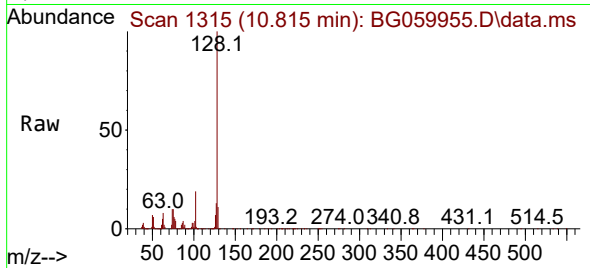




#31
Naphthalene
Concen: 39.757 ng
RT: 10.815 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

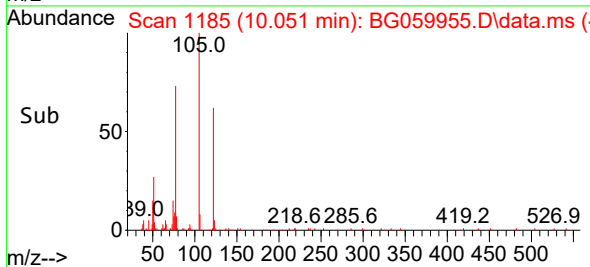
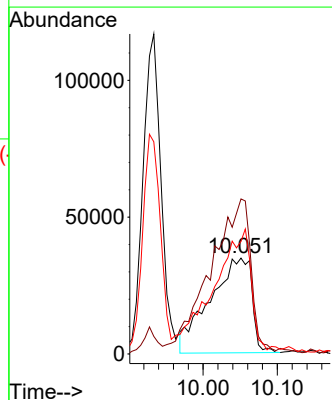
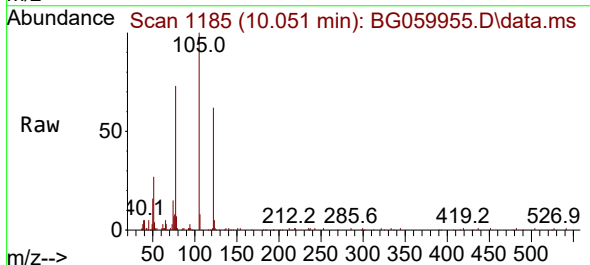
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

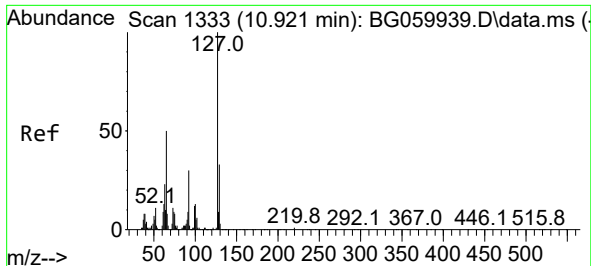
Tgt Ion:128 Resp: 697845
Ion Ratio Lower Upper
128 100
129 10.9 7.6 11.4
127 13.2 9.9 14.9



#32
Benzoic acid
Concen: 34.140 ng
RT: 10.051 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:122 Resp: 135834
Ion Ratio Lower Upper
122 100
105 161.7 123.9 163.9
77 117.5 94.6 134.6

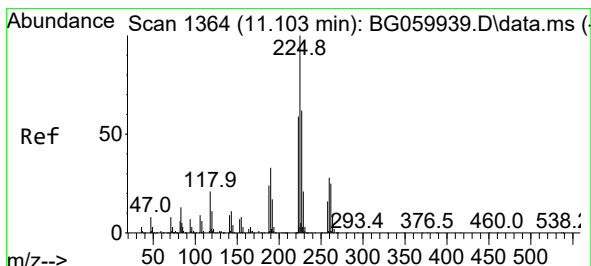
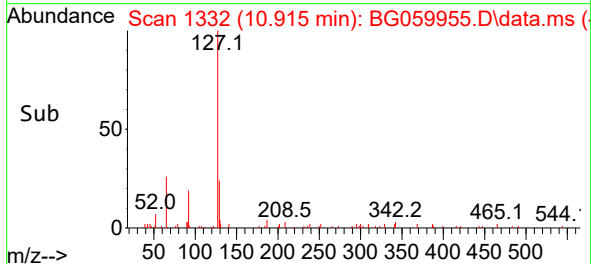
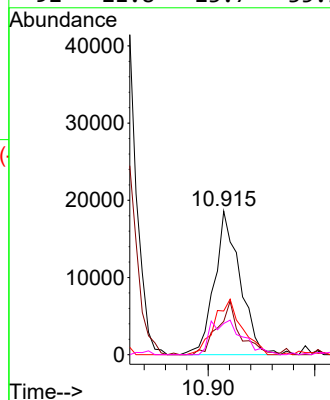
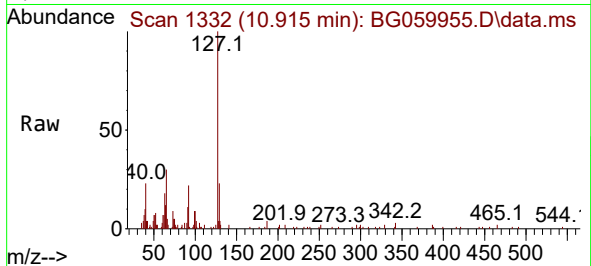




#33
4-Chloroaniline
Concen: 4.514 ng
RT: 10.915 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

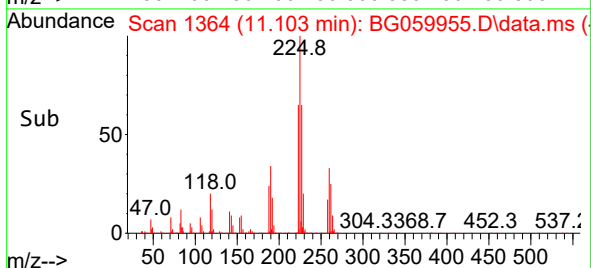
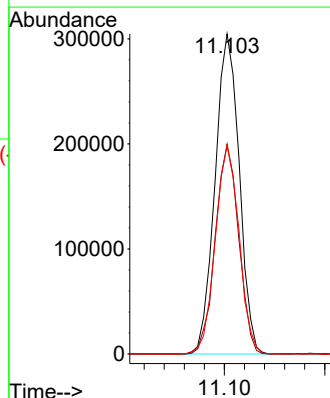
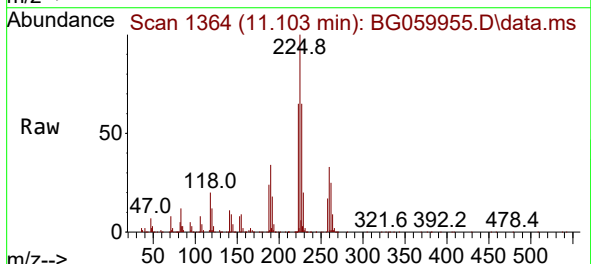
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

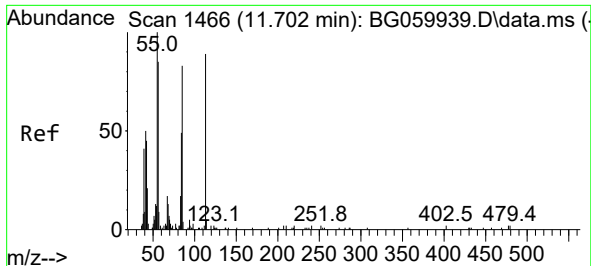
Tgt Ion:127	Resp: 30897
Ion Ratio	Lower Upper
127 100	
129 23.2	26.6 40.0#
65 30.4	40.4 60.6#
92 21.8	23.7 35.5#



#34
Hexachlorobutadiene
Concen: 37.436 ng
RT: 11.103 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:225	Resp: 508470
Ion Ratio	Lower Upper
225 100	
223 67.7	47.0 70.6
227 65.2	50.2 75.4

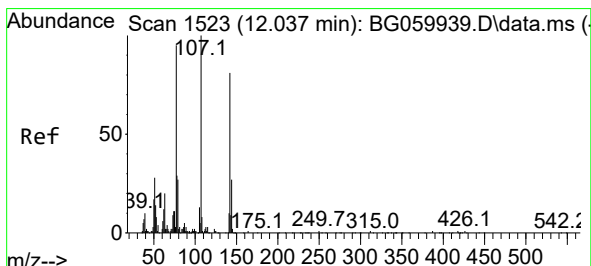
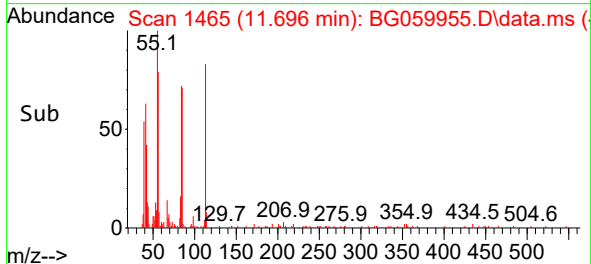
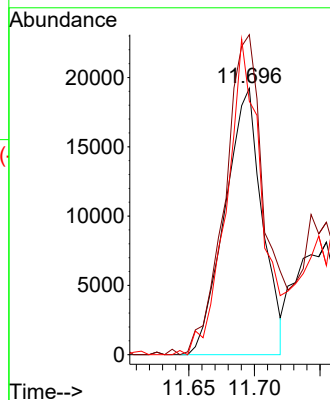
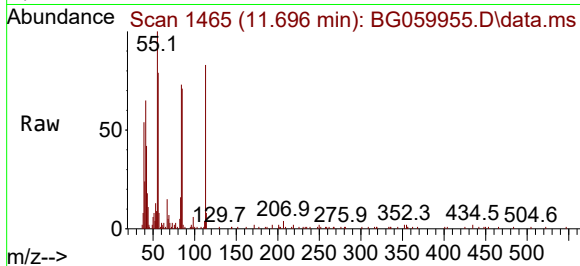




#35
Caprolactam
Concen: 21.671 ng
RT: 11.696 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

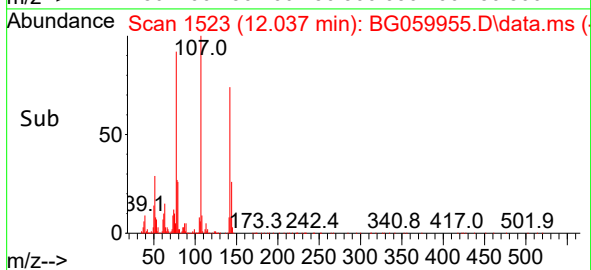
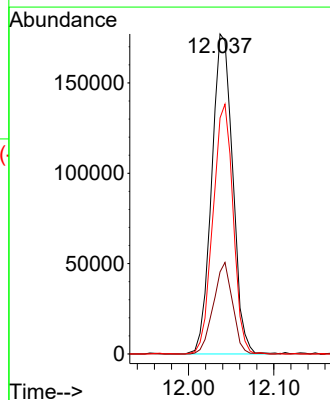
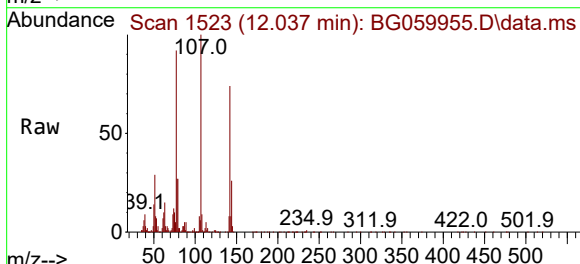
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

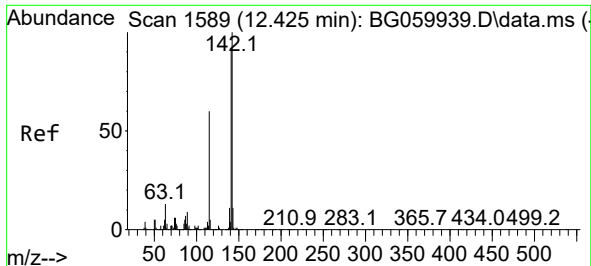
Tgt Ion:113 Resp: 37865
Ion Ratio Lower Upper
113 100
55 120.1 93.5 133.5
56 95.1 74.9 114.9



#36
4-Chloro-3-methylphenol
Concen: 44.438 ng
RT: 12.037 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:107 Resp: 304012
Ion Ratio Lower Upper
107 100
144 25.6 21.6 32.4
142 73.7 64.6 97.0





#37

2-Methylnaphthalene

Concen: 41.233 ng

RT: 12.425 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

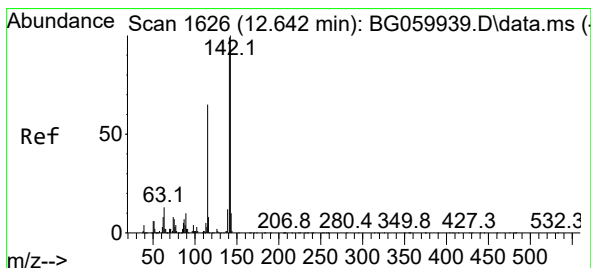
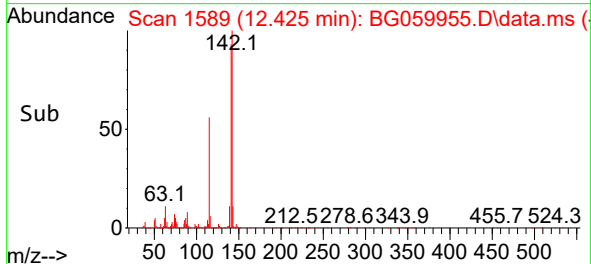
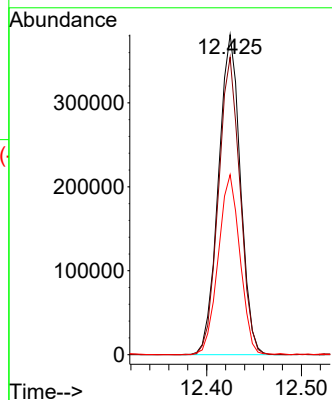
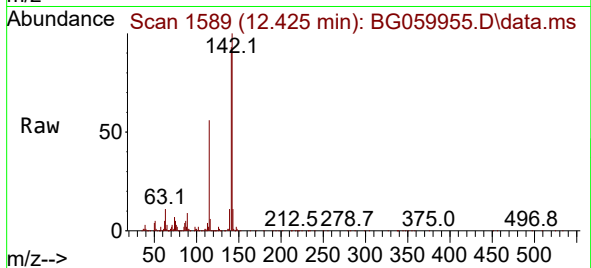
Tgt Ion:142 Resp: 614308

Ion Ratio Lower Upper

142 100

141 92.9 73.4 110.2

115 56.3 48.1 72.1



#38

1-Methylnaphthalene

Concen: 40.666 ng

RT: 12.642 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

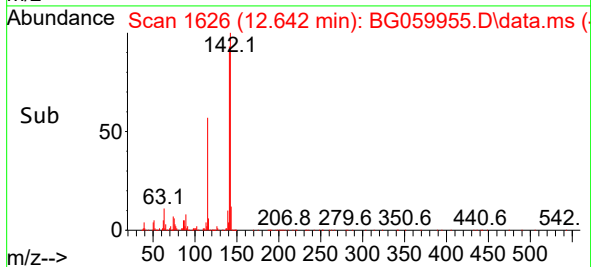
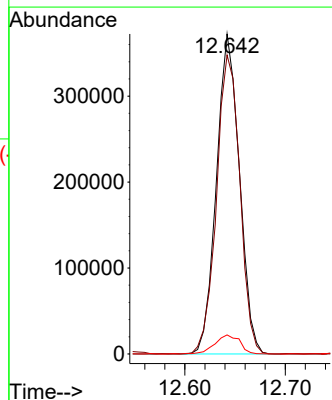
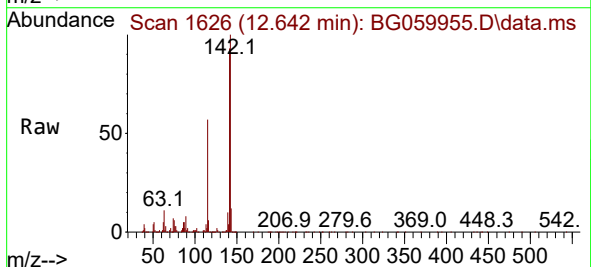
Tgt Ion:142 Resp: 591683

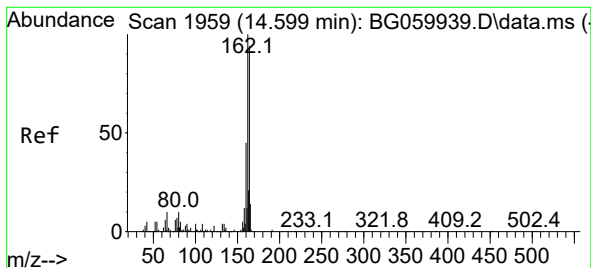
Ion Ratio Lower Upper

142 100

141 93.4 79.4 119.2

116 6.0 6.2 9.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.599 min Scan# 1959

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

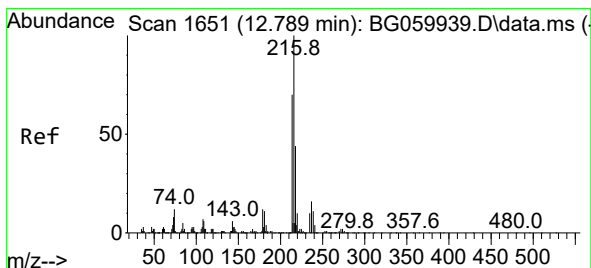
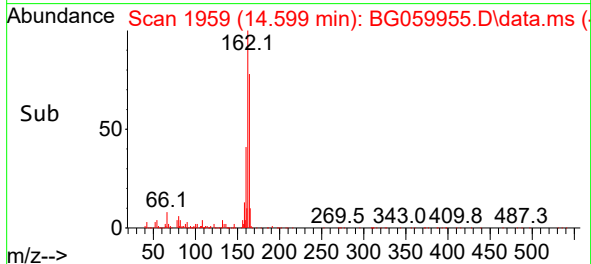
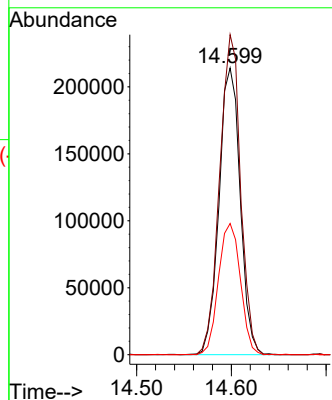
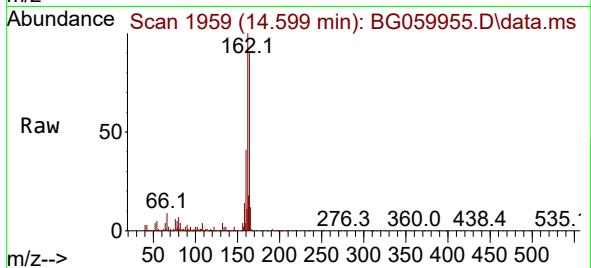
Tgt Ion:164 Resp: 332431

Ion Ratio Lower Upper

164 100

162 111.6 85.0 127.6

160 45.7 38.1 57.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.098 ng

RT: 12.789 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Tgt Ion:216 Resp: 1046525

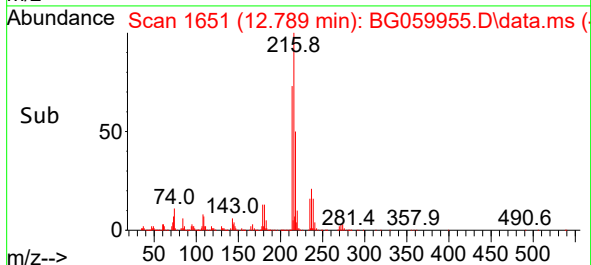
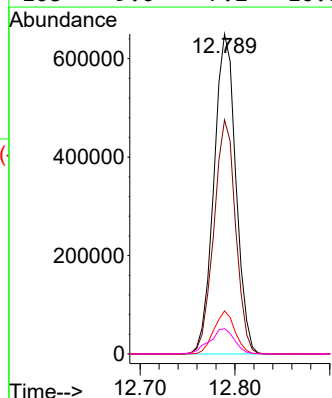
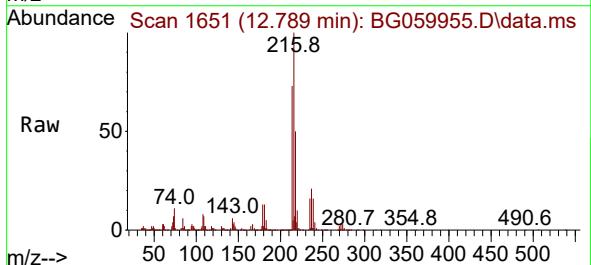
Ion Ratio Lower Upper

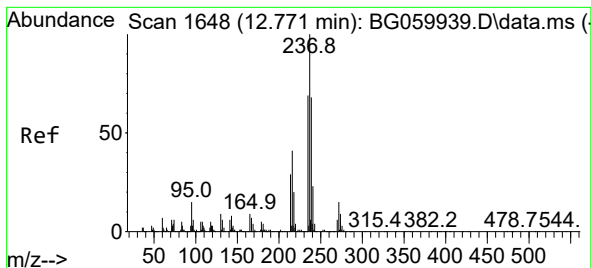
216 100

214 72.3 58.3 87.5

179 12.8 10.2 15.4

108 9.0 7.2 10.8

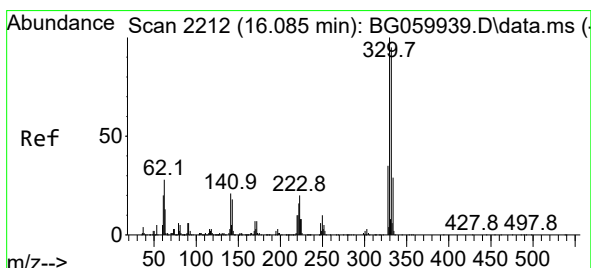
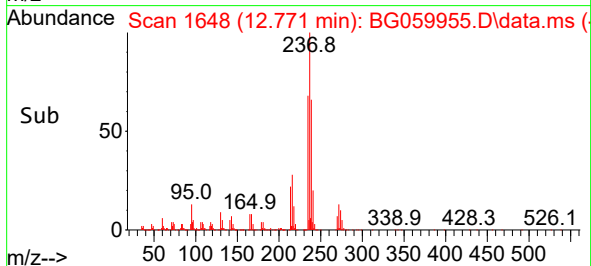
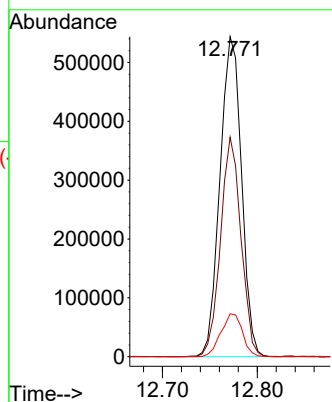
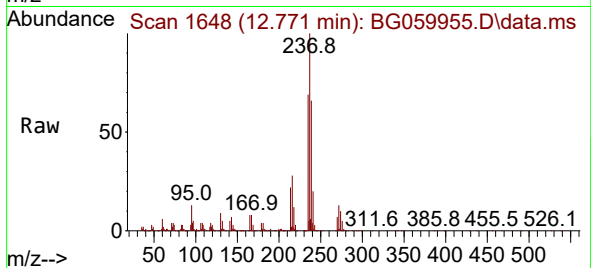




#41
Hexachlorocyclopentadiene
Concen: 71.432 ng
RT: 12.771 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

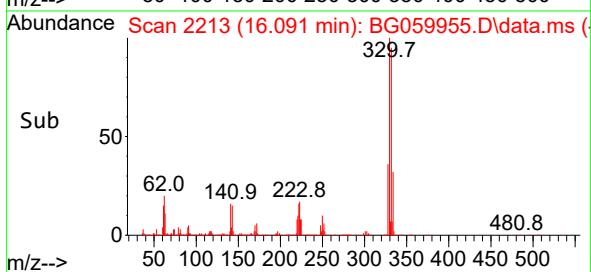
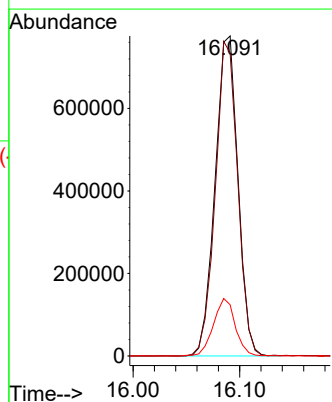
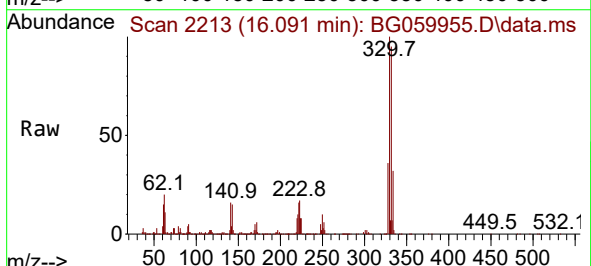
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

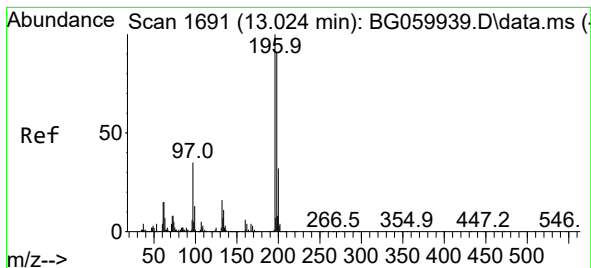
Tgt Ion:237 Resp: 858964
Ion Ratio Lower Upper
237 100
235 68.6 49.4 89.4
272 13.4 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 107.907 ng
RT: 16.091 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:330 Resp: 1154139
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 17.2 15.0 22.6





#43

2,4,6-Trichlorophenol

Concen: 44.868 ng

RT: 13.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

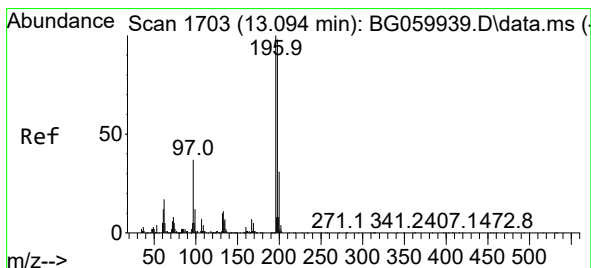
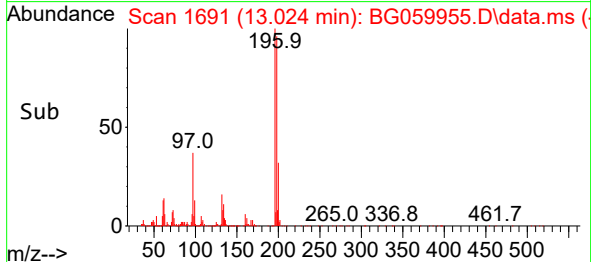
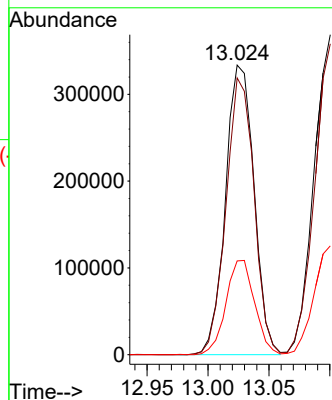
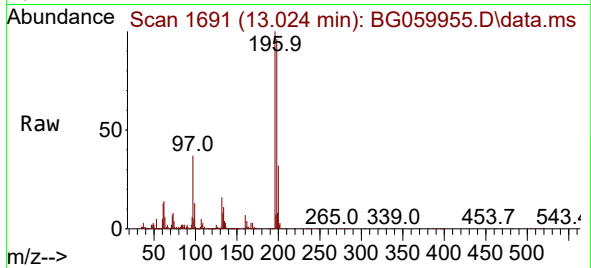
Tgt Ion:196 Resp: 545238

Ion Ratio Lower Upper

196 100

198 95.6 72.6 109.0

200 32.4 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 44.922 ng

RT: 13.100 min Scan# 1704

Delta R.T. 0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Tgt Ion:196 Resp: 600286

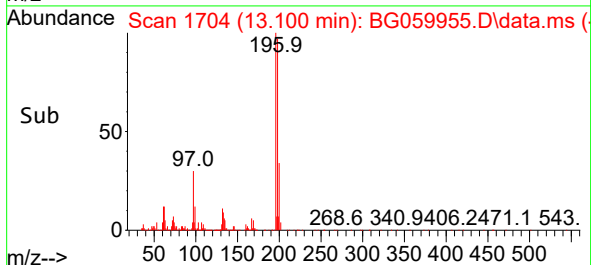
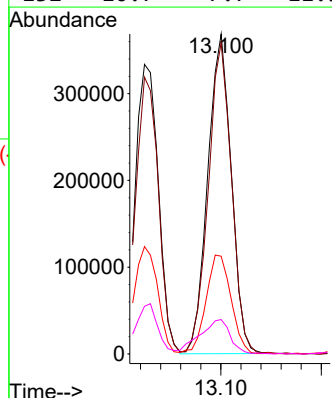
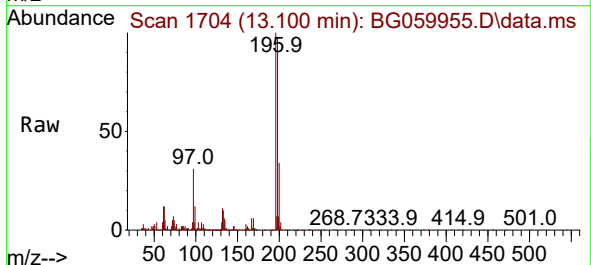
Ion Ratio Lower Upper

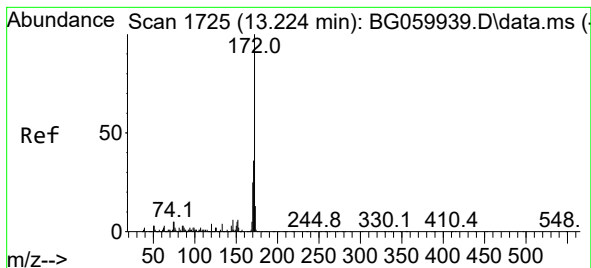
196 100

198 97.2 78.3 117.5

97 30.6 30.2 45.4

132 10.7 7.7 11.5





#45

2-Fluorobiphenyl

Concen: 71.687 ng

RT: 13.224 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

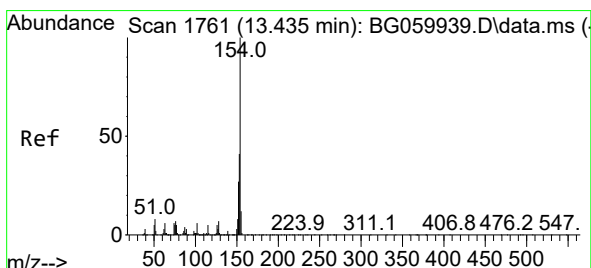
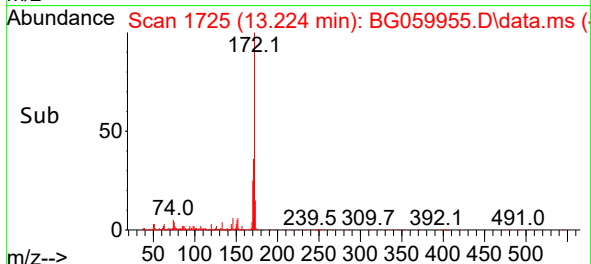
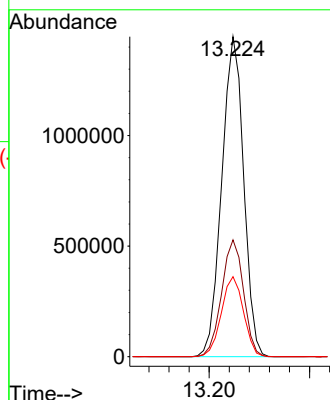
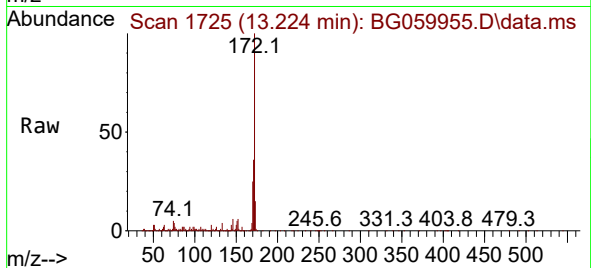
Tgt Ion:172 Resp: 2184948

Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

170 25.0 19.8 29.8



#46

1,1'-Biphenyl

Concen: 44.210 ng

RT: 13.435 min Scan# 1761

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

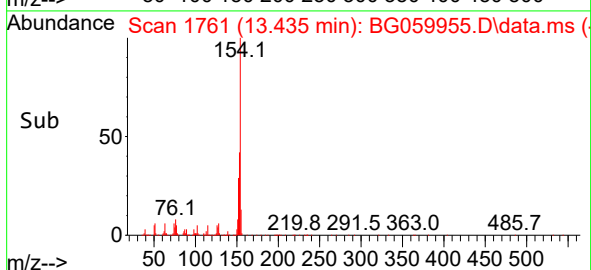
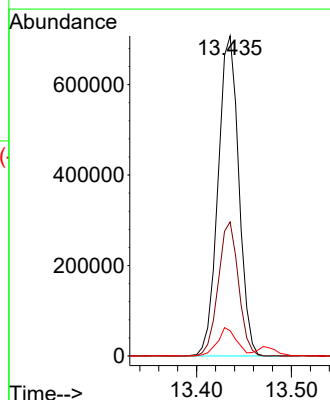
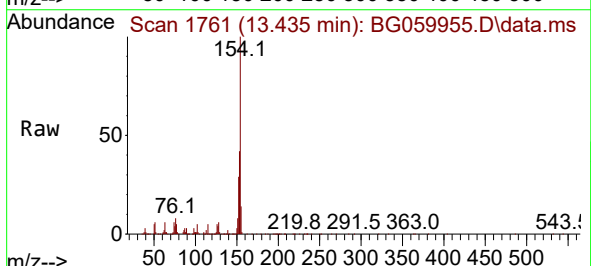
Tgt Ion:154 Resp: 1074053

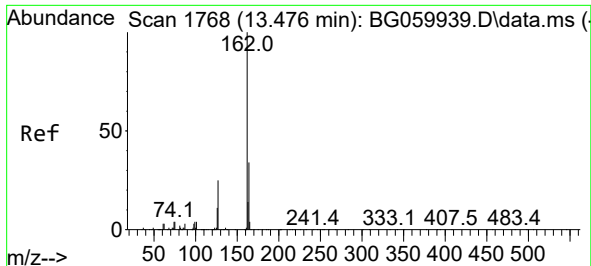
Ion Ratio Lower Upper

154 100

153 41.9 20.8 60.8

76 7.9 0.0 27.4

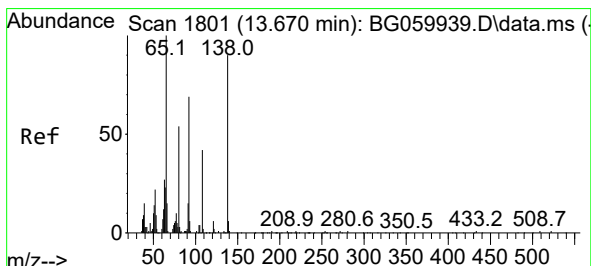
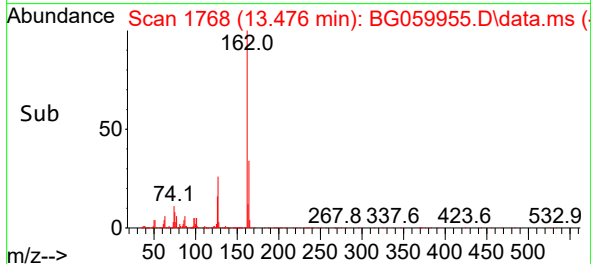
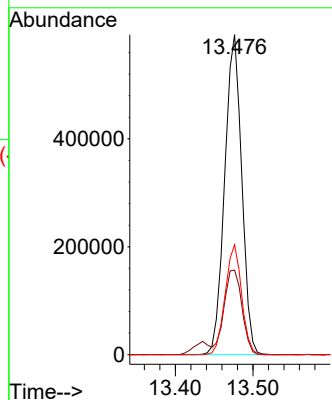
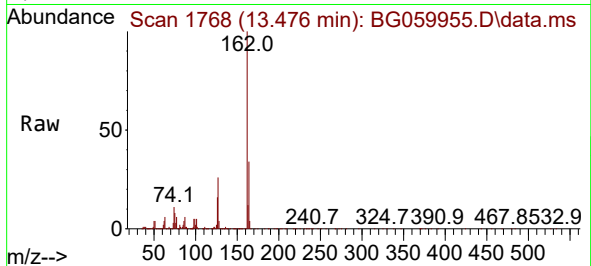




#47
2-Chloronaphthalene
Concen: 41.755 ng
RT: 13.476 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

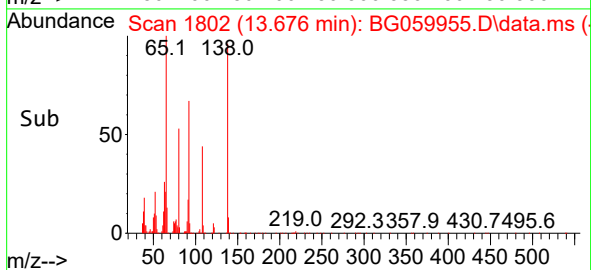
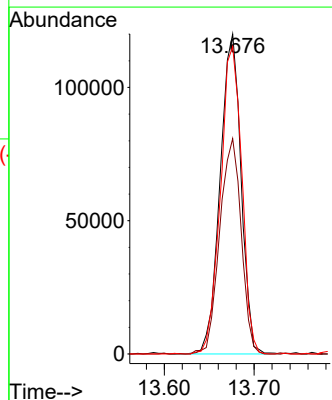
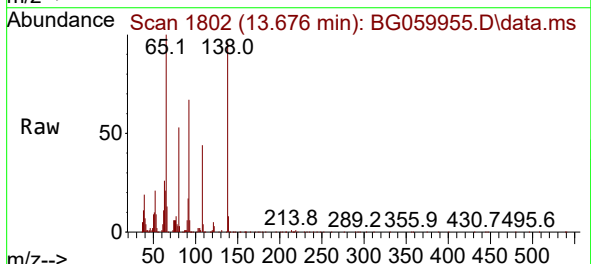
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

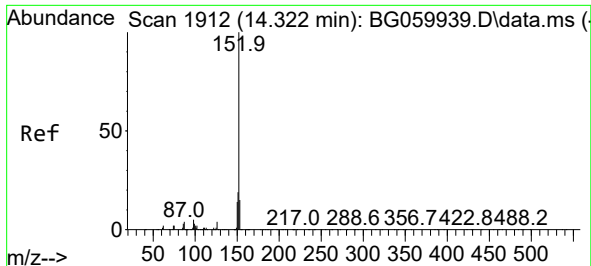
Tgt Ion:162 Resp: 907593
Ion Ratio Lower Upper
162 100
127 26.4 22.6 33.8
164 34.3 27.4 41.0



#48
2-Nitroaniline
Concen: 47.001 ng
RT: 13.676 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion: 65 Resp: 193646
Ion Ratio Lower Upper
65 100
92 67.3 55.4 83.2
138 96.0 71.8 107.6

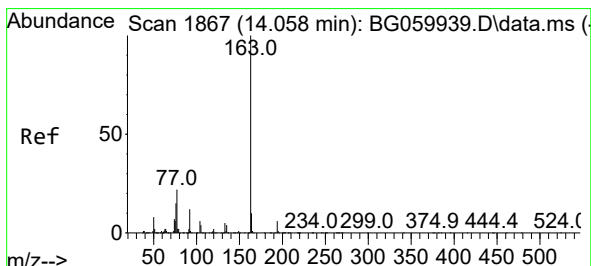
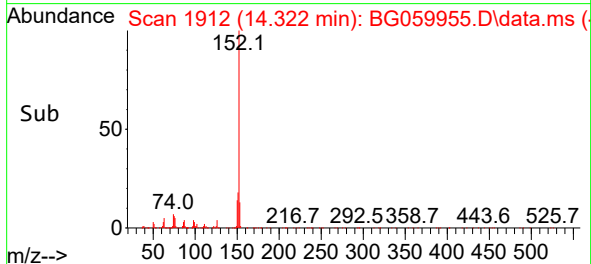
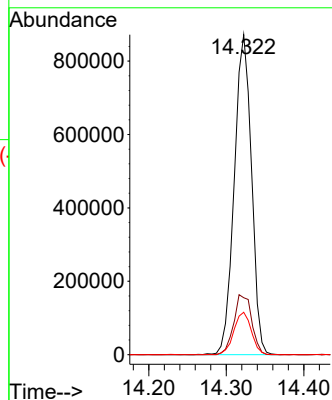
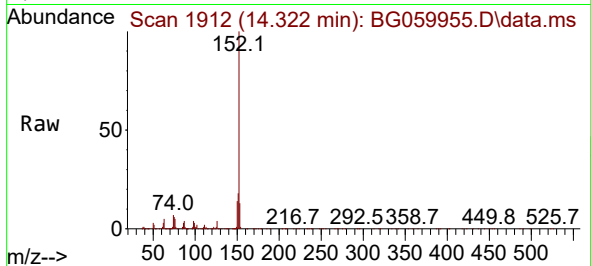




#49
Acenaphthylene
Concen: 46.294 ng
RT: 14.322 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

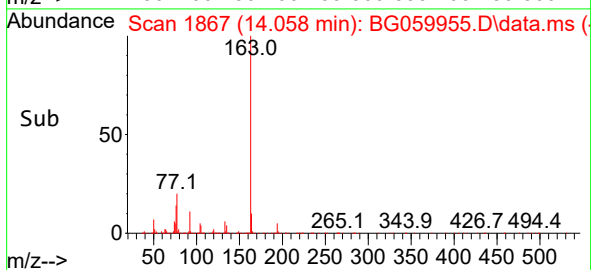
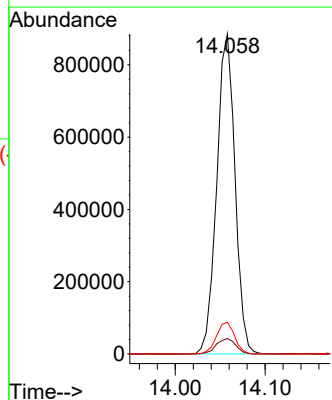
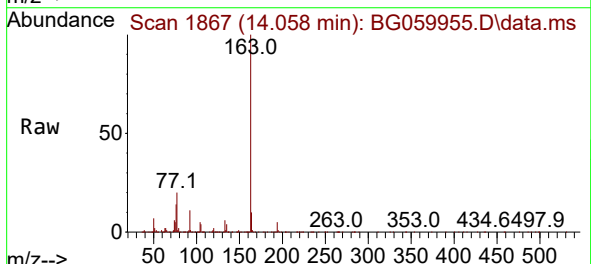
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

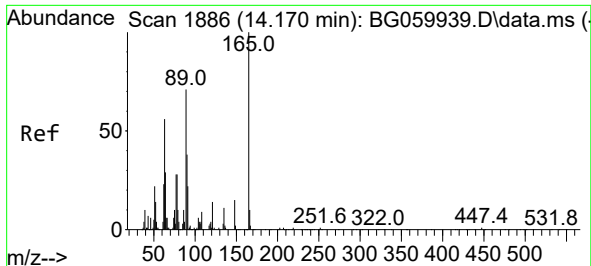
Tgt Ion:152 Resp: 1346729
Ion Ratio Lower Upper
152 100
151 17.8 15.3 22.9
153 13.3 11.7 17.5



#50
Dimethylphthalate
Concen: 44.210 ng
RT: 14.058 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:163 Resp: 1251096
Ion Ratio Lower Upper
163 100
194 4.9 4.6 7.0
164 9.9 8.1 12.1

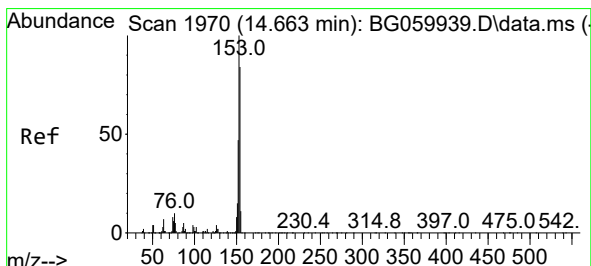
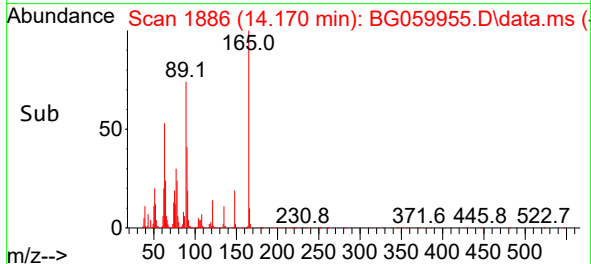
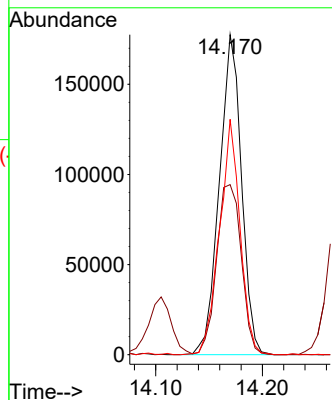
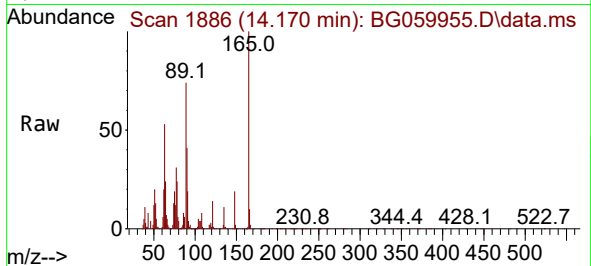




#51
2,6-Dinitrotoluene
Concen: 41.203 ng
RT: 14.170 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

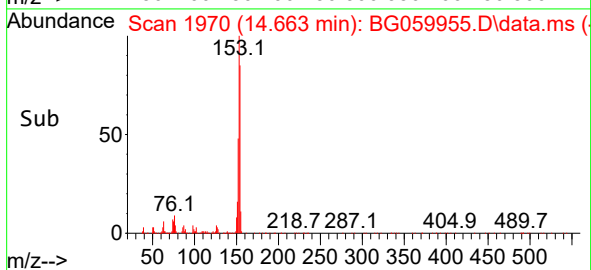
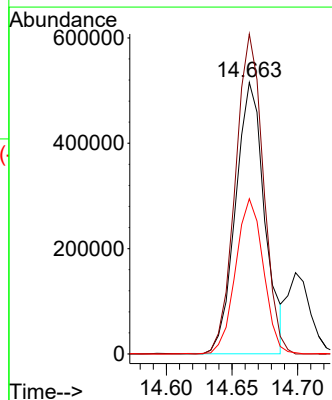
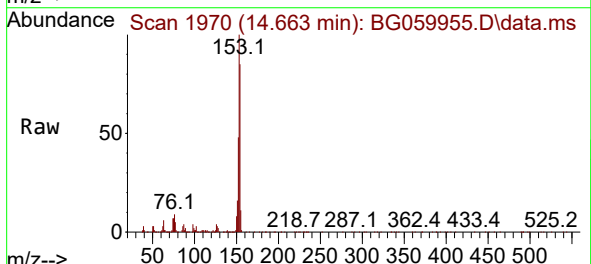
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

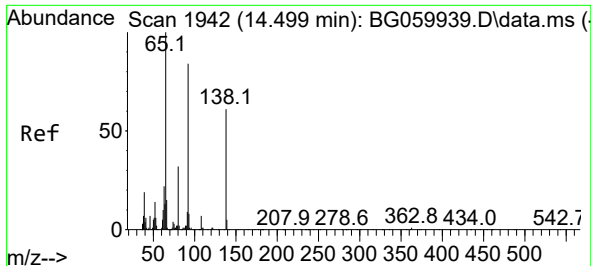
Tgt Ion:165 Resp: 255464
Ion Ratio Lower Upper
165 100
63 53.2 47.2 70.8
89 73.5 57.1 85.7



#52
Acenaphthene
Concen: 37.915 ng
RT: 14.663 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:154 Resp: 796074
Ion Ratio Lower Upper
154 100
153 117.8 95.8 143.6
152 57.1 45.0 67.4

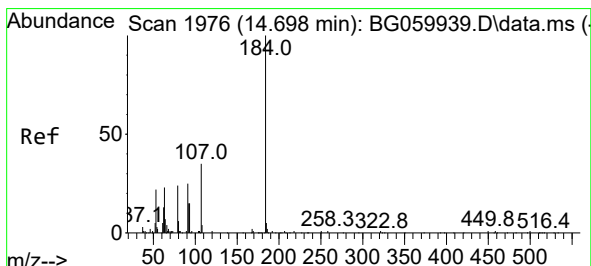
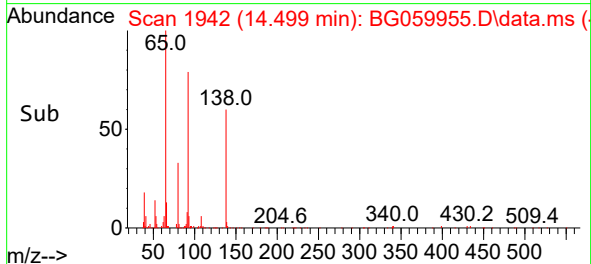
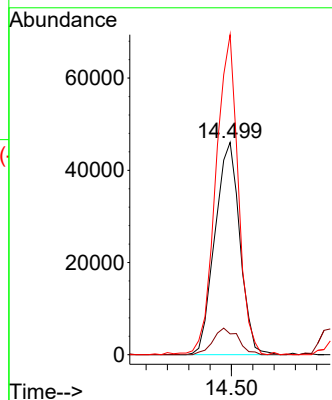
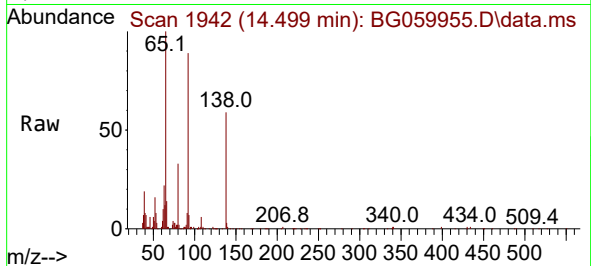




#53
3-Nitroaniline
Concen: 19.393 ng
RT: 14.499 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

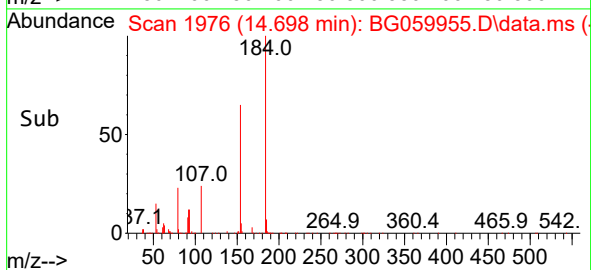
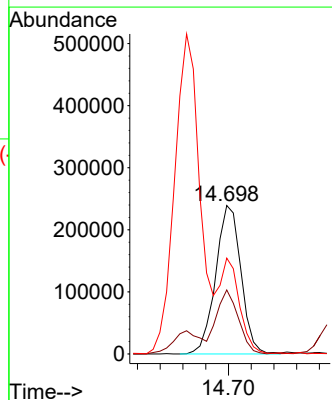
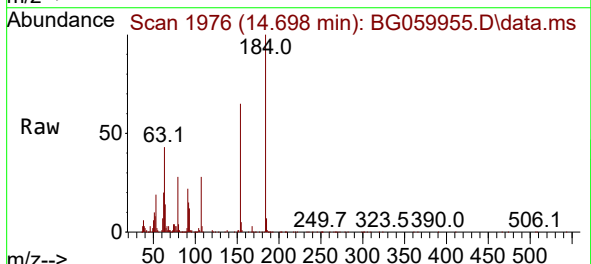
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

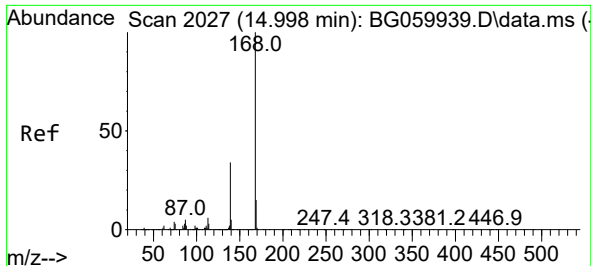
Tgt Ion:138 Resp: 74594
Ion Ratio Lower Upper
138 100
108 9.8 9.6 14.4
92 150.7 109.8 164.6



#54
2,4-Dinitrophenol
Concen: 68.351 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:184 Resp: 369627
Ion Ratio Lower Upper
184 100
63 43.1 38.2 57.4
154 64.5 52.6 78.8

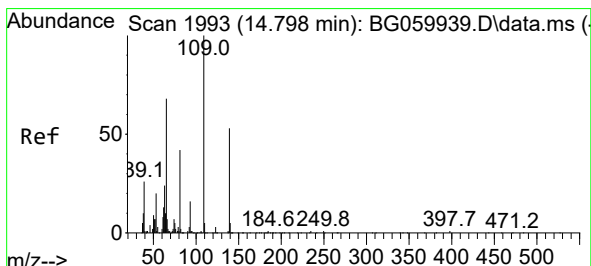
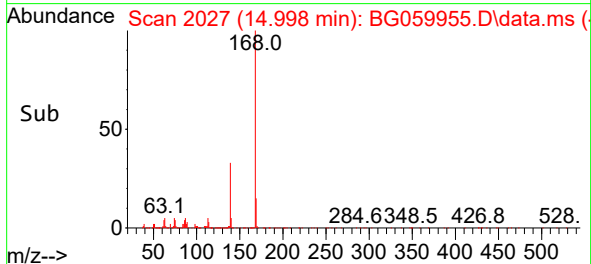
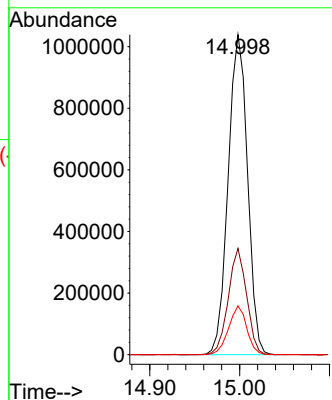
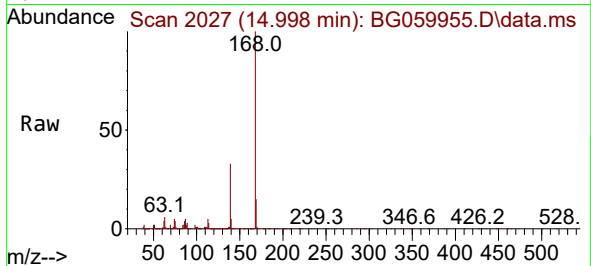




#55
Dibenzofuran
Concen: 43.912 ng
RT: 14.998 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

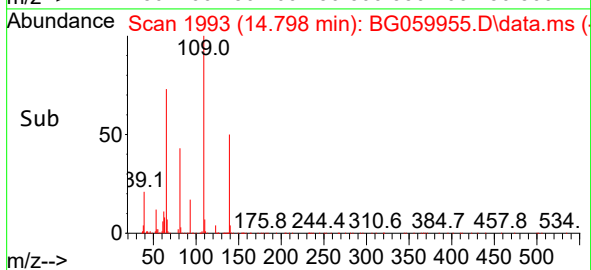
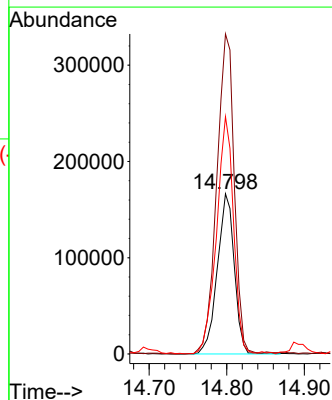
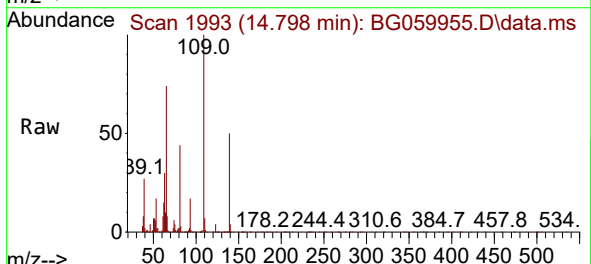
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

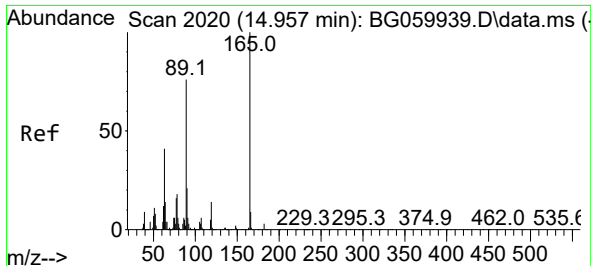
Tgt Ion:168 Resp: 1555135
Ion Ratio Lower Upper
168 100
139 33.2 27.0 40.6
169 15.2 11.6 17.4



#56
4-Nitrophenol
Concen: 76.023 ng
RT: 14.798 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:139 Resp: 253774
Ion Ratio Lower Upper
139 100
109 199.8 167.9 207.9
65 148.1 108.1 148.1#





#57

2,4-Dinitrotoluene

Concen: 42.543 ng

RT: 14.957 min Scan# 20

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

Tgt Ion:165 Resp: 366853

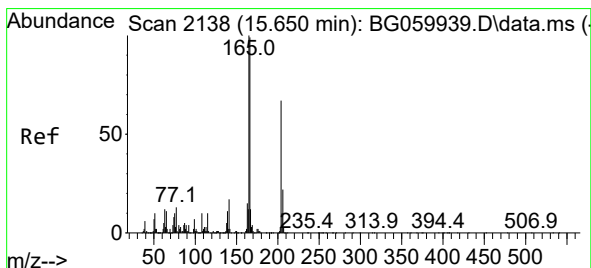
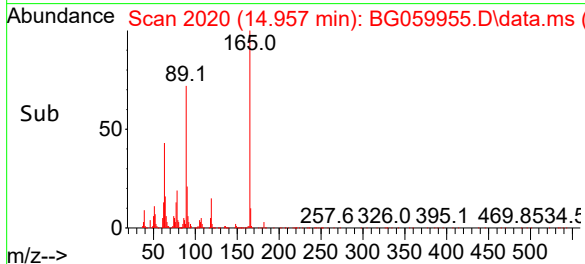
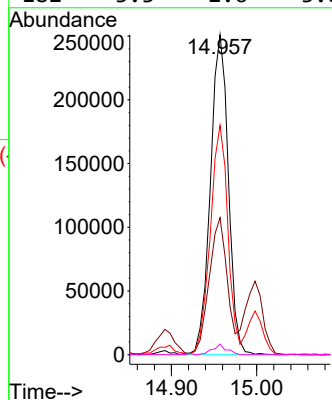
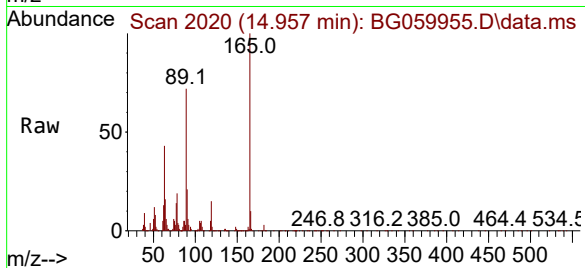
Ion Ratio Lower Upper

165 100

63 42.8 32.8 49.2

89 71.7 60.6 90.8

182 3.3 2.6 3.8



#58

Fluorene

Concen: 44.715 ng

RT: 15.644 min Scan# 2137

Delta R.T. -0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

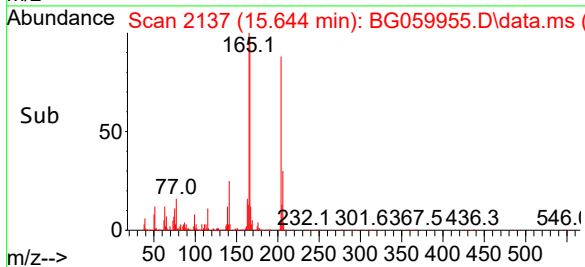
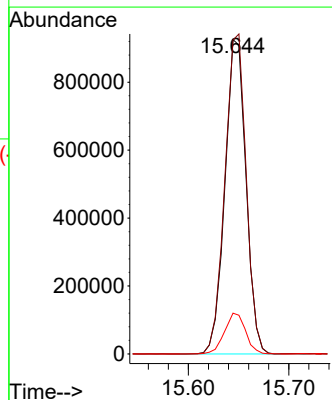
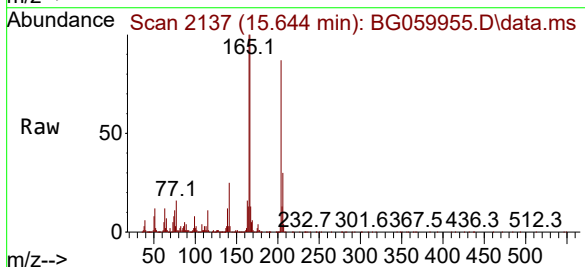
Tgt Ion:166 Resp: 1347593

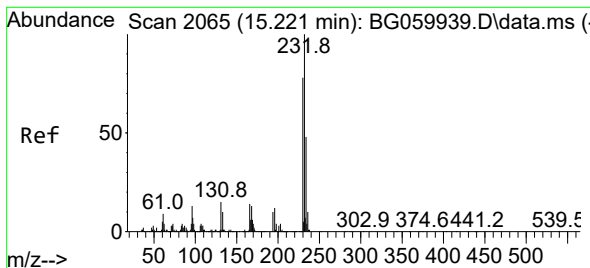
Ion Ratio Lower Upper

166 100

165 99.8 80.6 121.0

167 13.0 9.9 14.9

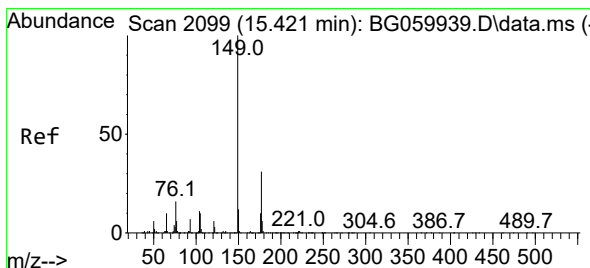
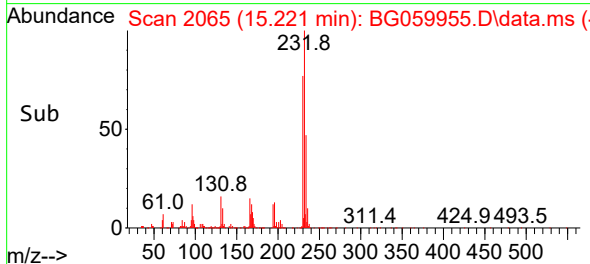
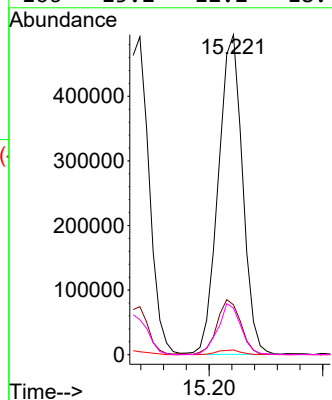
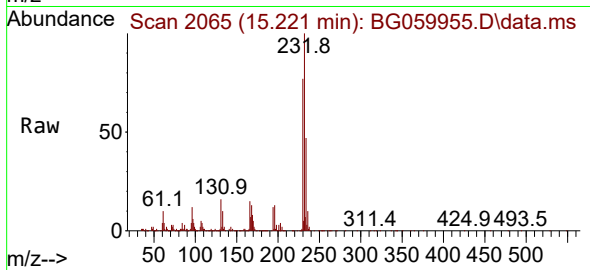




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.068 ng
RT: 15.221 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

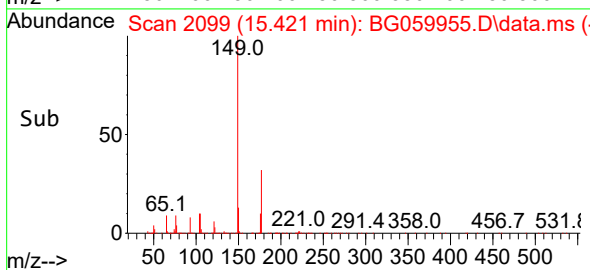
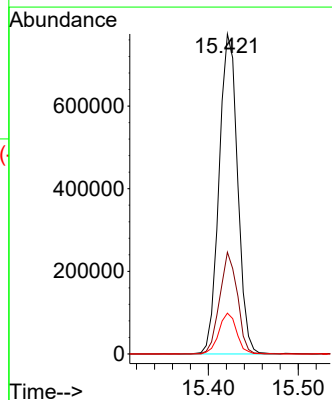
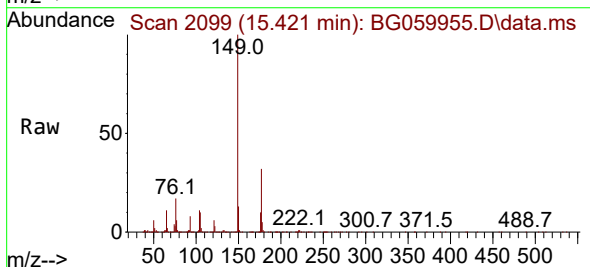
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

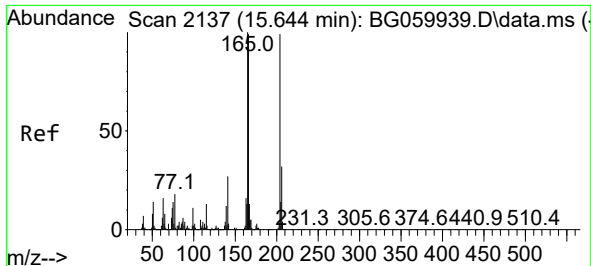
Tgt Ion:232 Resp: 732327
Ion Ratio Lower Upper
232 100
131 16.9 14.8 22.2
130 1.5 1.2 1.8
166 15.2 12.2 18.4



#60
Diethylphthalate
Concen: 44.020 ng
RT: 15.421 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:149 Resp: 1109545
Ion Ratio Lower Upper
149 100
177 31.8 24.6 37.0
150 12.7 9.6 14.4

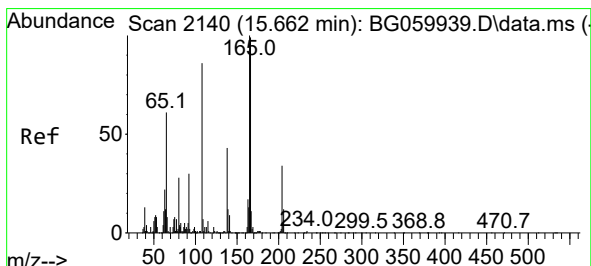
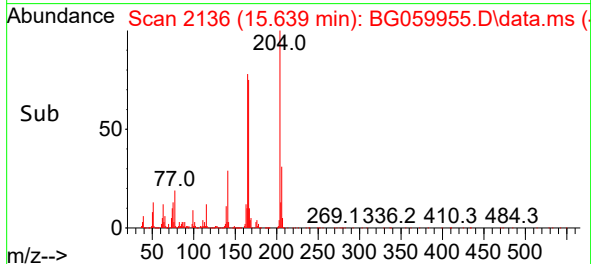
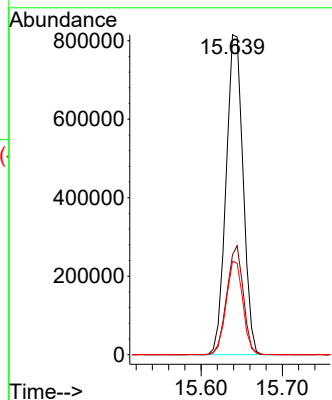
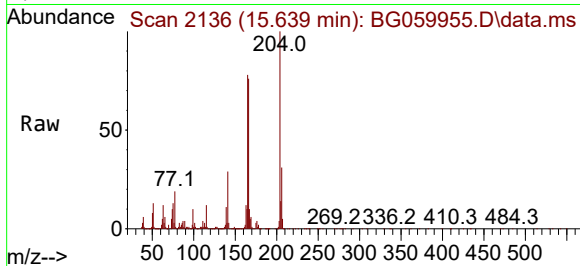




#61
4-Chlorophenyl-phenylether
Concen: 43.424 ng
RT: 15.639 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

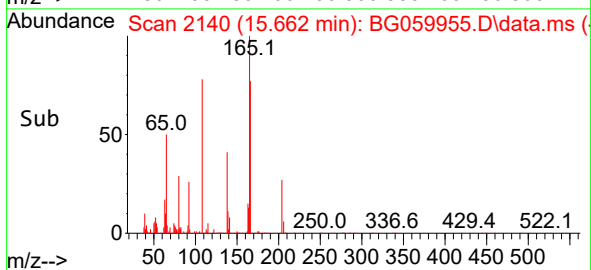
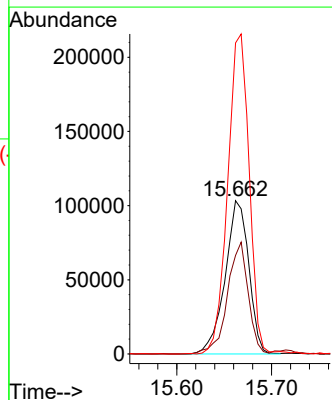
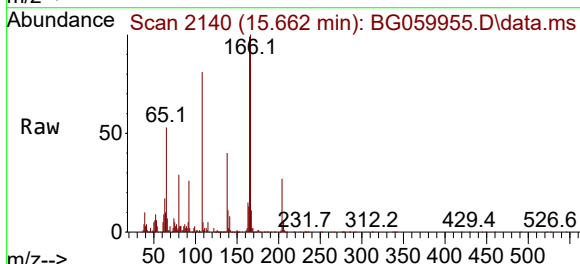
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

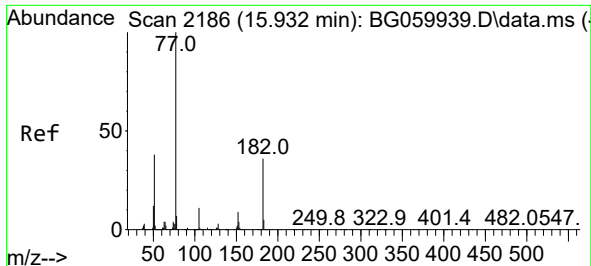
Tgt Ion:204 Resp: 1187170
Ion Ratio Lower Upper
204 100
206 31.3 25.8 38.8
141 29.2 21.4 32.2



#62
4-Nitroaniline
Concen: 40.435 ng
RT: 15.662 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:138 Resp: 179023
Ion Ratio Lower Upper
138 100
92 64.3 50.8 90.8
108 202.9 181.0 221.0

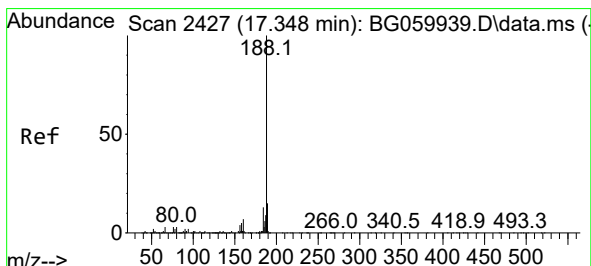
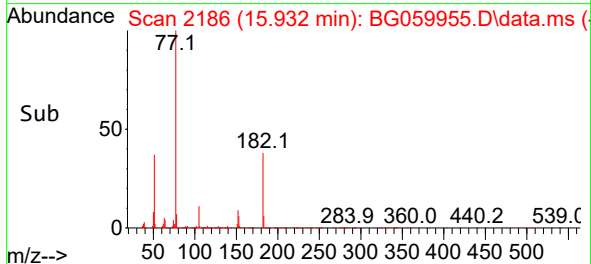
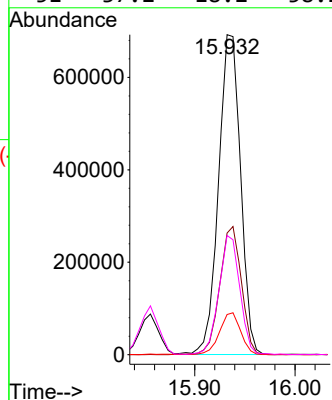
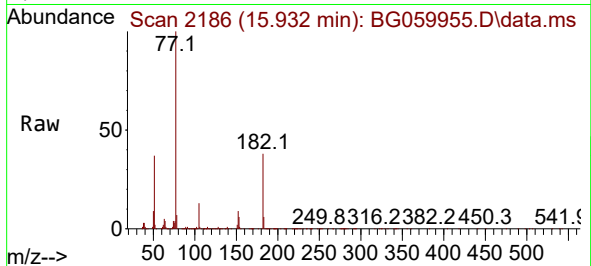




#63
Azobenzene
Concen: 40.282 ng
RT: 15.932 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

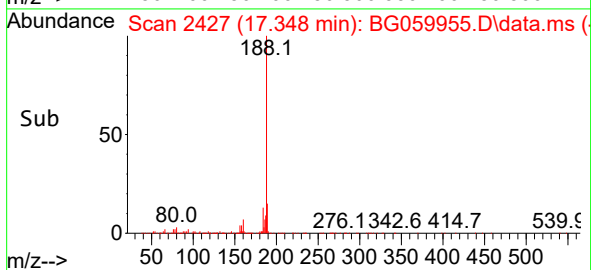
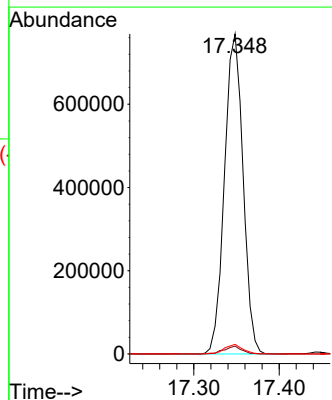
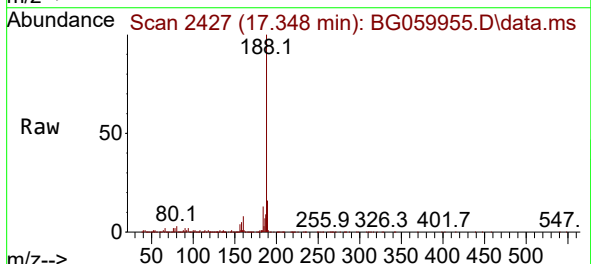
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

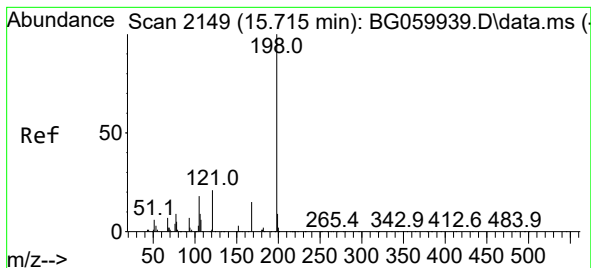
Tgt Ion: 77 Resp: 1053294
Ion Ratio Lower Upper
77 100
182 38.0 15.7 55.7
105 12.6 0.0 31.5
51 37.2 18.2 58.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.348 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:188 Resp: 1161575
Ion Ratio Lower Upper
188 100
94 2.4 1.8 2.6
80 3.0 2.2 3.4

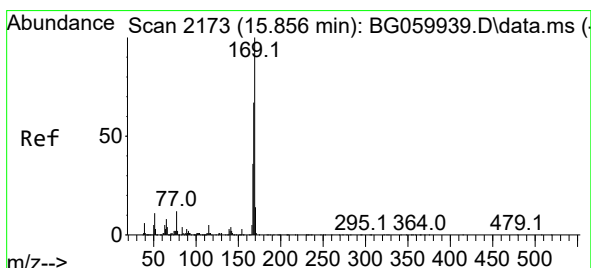
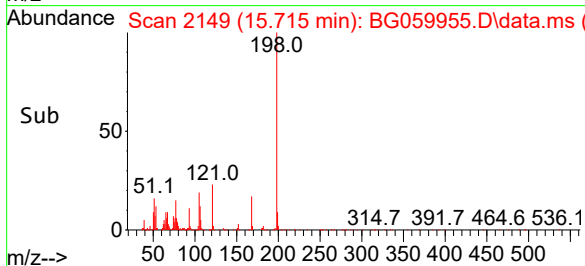
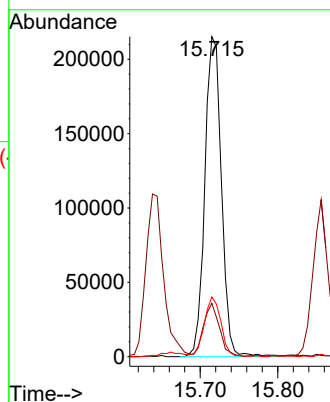
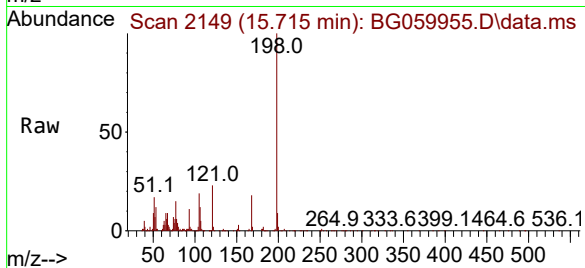




#65
4,6-Dinitro-2-methylphenol
Concen: 36.021 ng
RT: 15.715 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

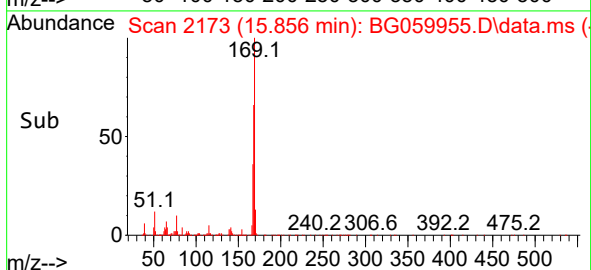
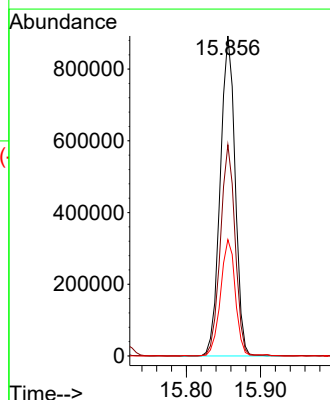
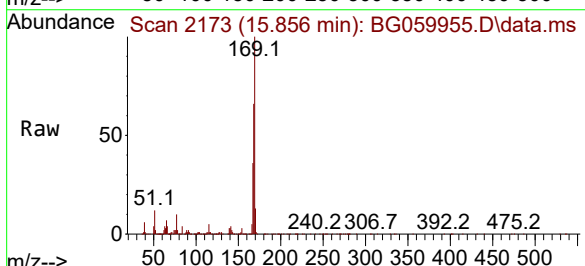
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

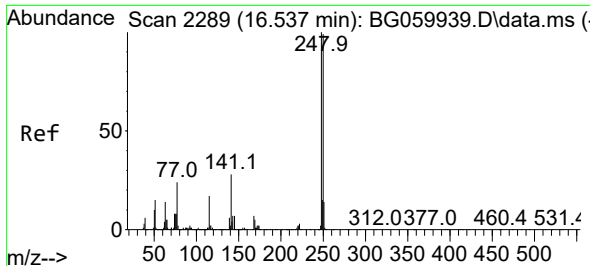
Tgt Ion:198 Resp: 319894
Ion Ratio Lower Upper
198 100
51 16.7 0.0 34.4
105 18.7 0.0 39.0



#66
n-Nitrosodiphenylamine
Concen: 46.834 ng
RT: 15.856 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:169 Resp: 1246140
Ion Ratio Lower Upper
169 100
168 66.0 53.5 80.3
167 36.4 29.2 43.8

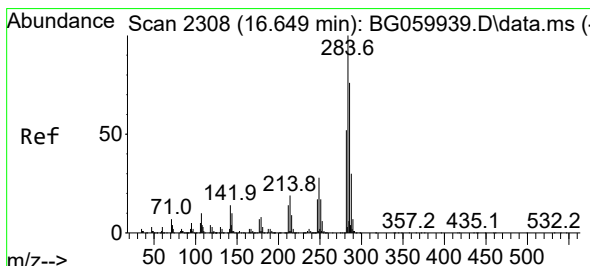
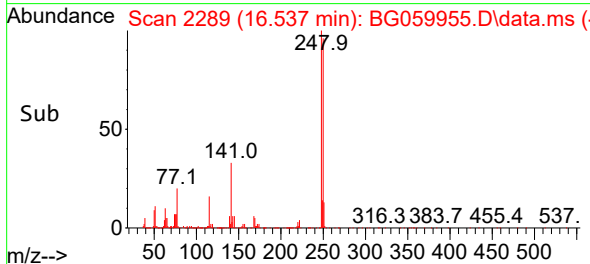
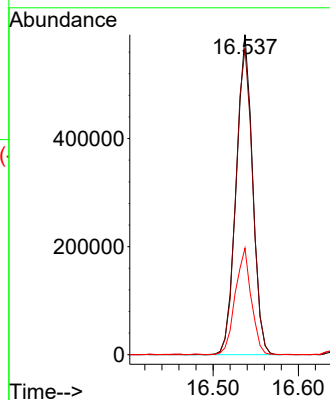
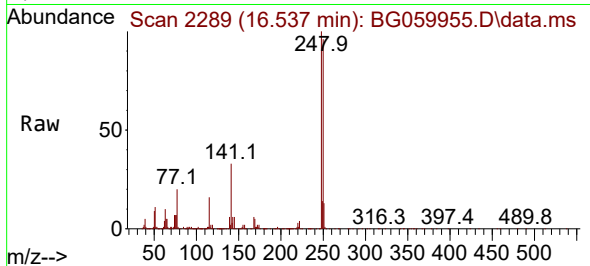




#67
4-Bromophenyl-phenylether
Concen: 39.698 ng
RT: 16.537 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

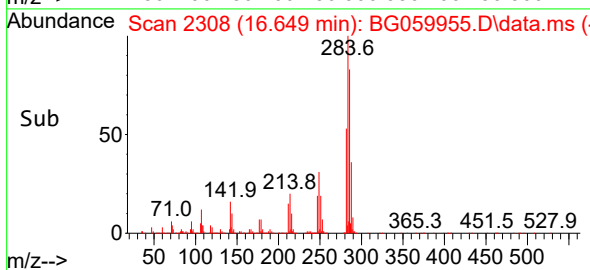
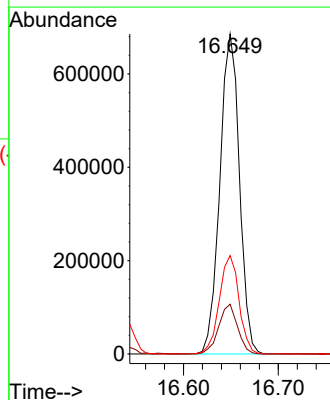
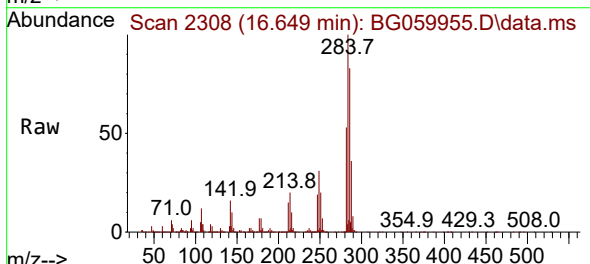
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

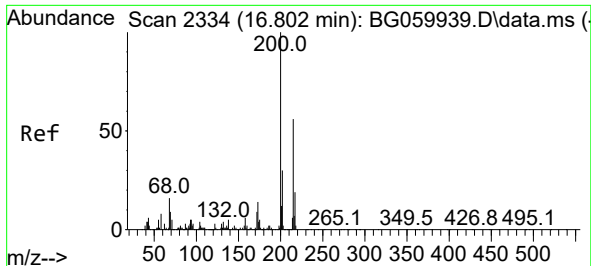
Tgt Ion:248 Resp: 790030
Ion Ratio Lower Upper
248 100
250 95.7 79.0 118.4
141 33.3 22.3 33.5



#68
Hexachlorobenzene
Concen: 44.525 ng
RT: 16.649 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:284 Resp: 984521
Ion Ratio Lower Upper
284 100
142 15.5 11.4 17.0
249 30.7 24.2 36.2

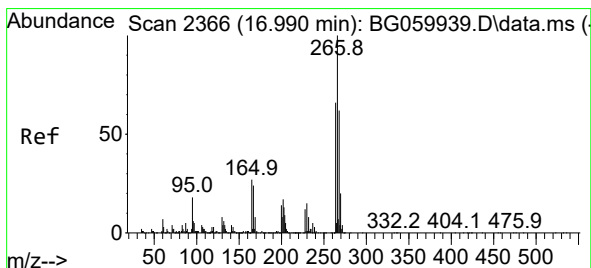
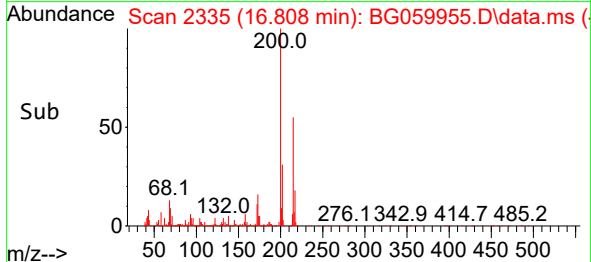
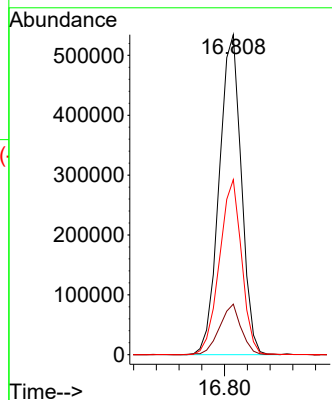
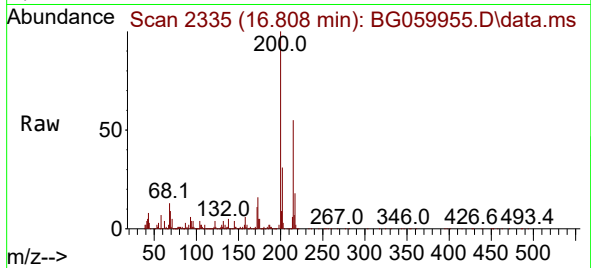




#69
 Atrazine
 Concen: 55.101 ng
 RT: 16.808 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG059955.D
 Acq: 5 Dec 2023 18:48

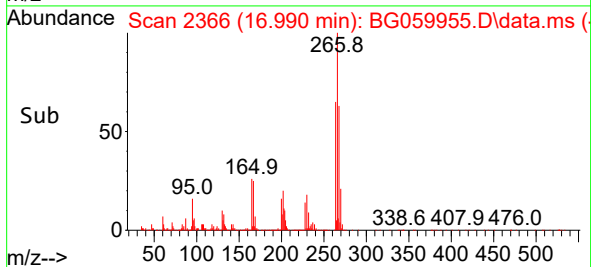
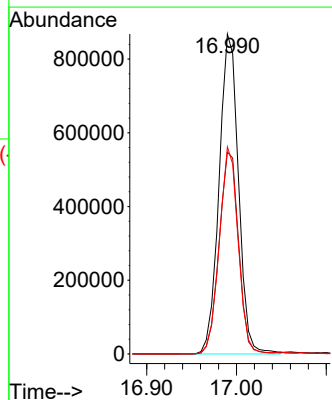
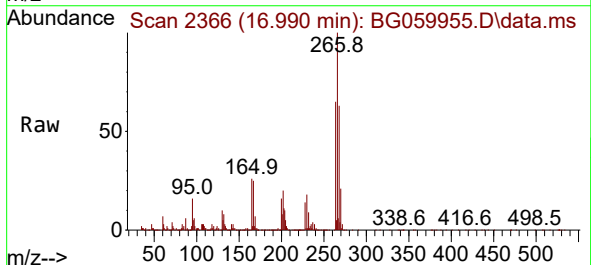
Instrument :
 BNA_G
 ClientSampleId :
 TP-3MSD

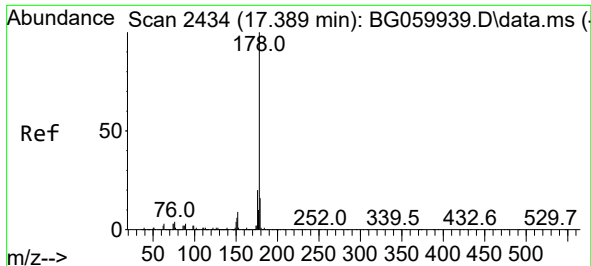
Tgt Ion:200 Resp: 723400
 Ion Ratio Lower Upper
 200 100
 173 15.8 0.0 34.0
 215 54.7 36.5 76.5



#70
 Pentachlorophenol
 Concen: 81.036 ng
 RT: 16.990 min Scan# 2366
 Delta R.T. 0.000 min
 Lab File: BG059955.D
 Acq: 5 Dec 2023 18:48

Tgt Ion:266 Resp: 1298443
 Ion Ratio Lower Upper
 266 100
 268 63.1 49.3 73.9
 264 64.7 53.2 79.8

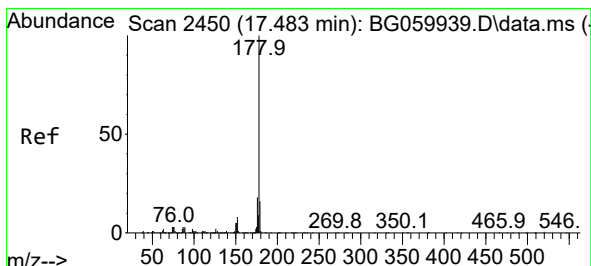
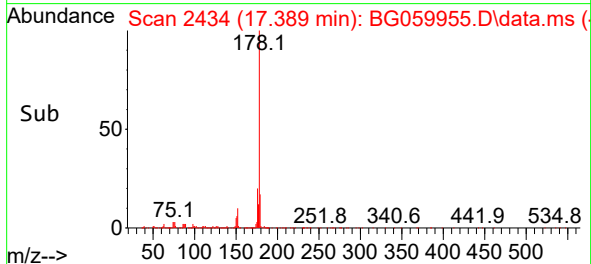
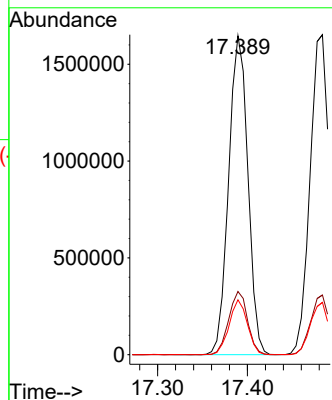
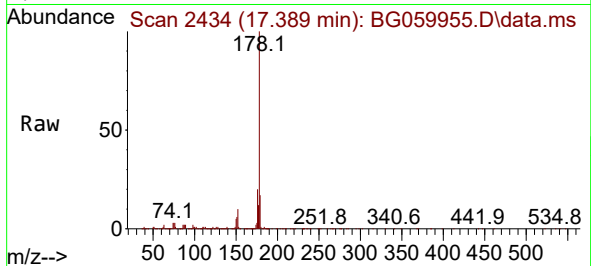




#71
Phenanthrene
Concen: 44.655 ng
RT: 17.389 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

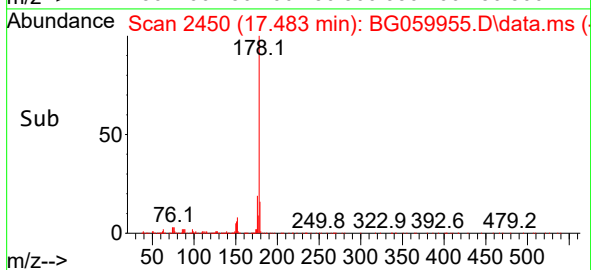
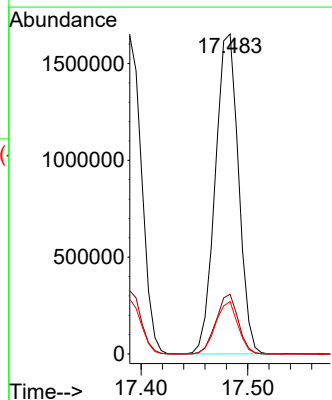
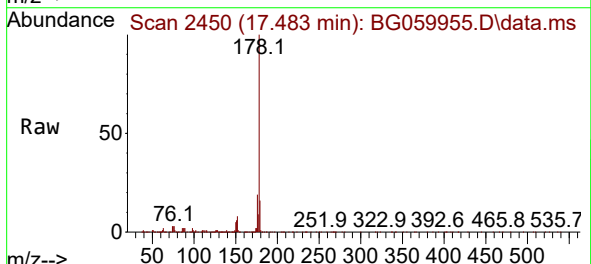
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

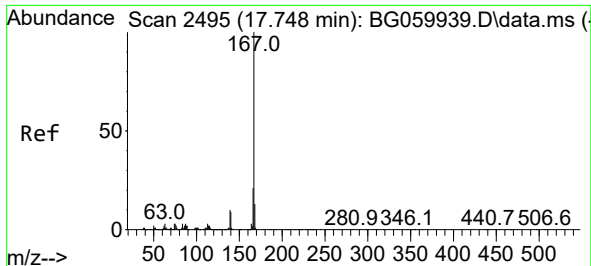
Tgt Ion:178 Resp: 2449267
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 17.2 12.6 19.0



#72
Anthracene
Concen: 44.556 ng
RT: 17.483 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:178 Resp: 2497980
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 16.4 13.2 19.8

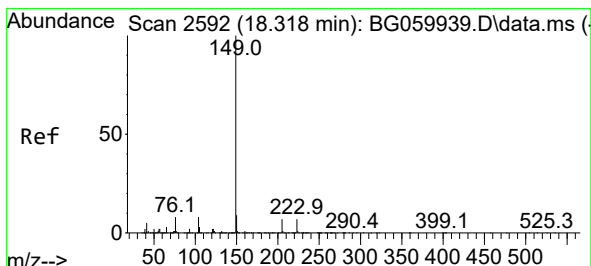
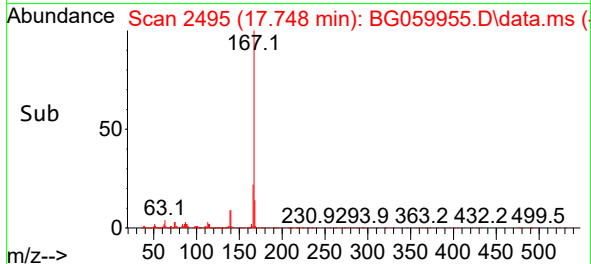
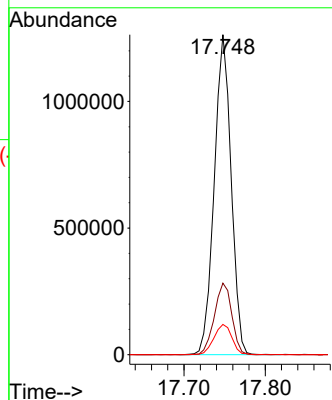
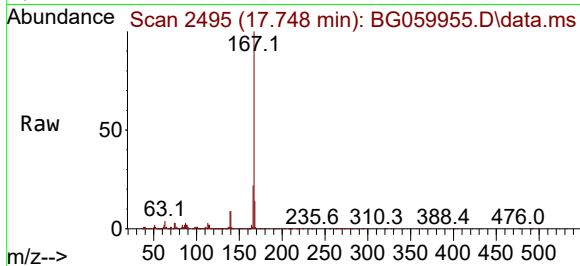




#73
 Carbazole
 Concen: 42.820 ng
 RT: 17.748 min Scan# 2495
 Delta R.T. 0.000 min
 Lab File: BG059955.D
 Acq: 5 Dec 2023 18:48

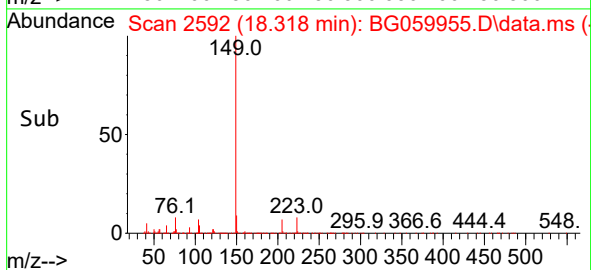
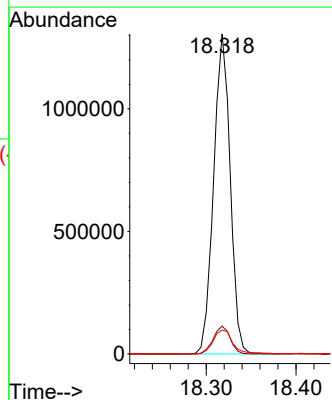
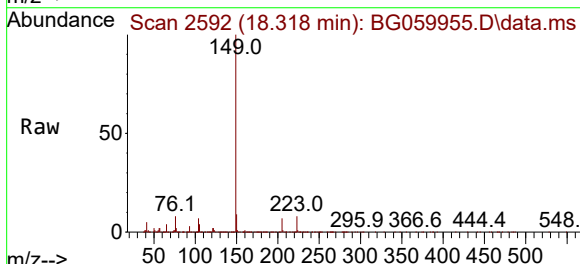
Instrument :
 BNA_G
 ClientSampleId :
 TP-3MSD

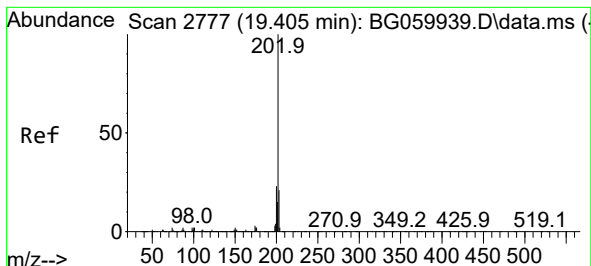
Tgt Ion:167 Resp: 1824572
 Ion Ratio Lower Upper
 167 100
 166 22.4 16.7 25.1
 139 9.5 8.0 12.0



#74
 Di-n-butylphthalate
 Concen: 45.263 ng
 RT: 18.318 min Scan# 2592
 Delta R.T. 0.000 min
 Lab File: BG059955.D
 Acq: 5 Dec 2023 18:48

Tgt Ion:149 Resp: 1668193
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.0
 104 7.5 6.2 9.2





#75

Fluoranthene

Concen: 40.072 ng

RT: 19.405 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

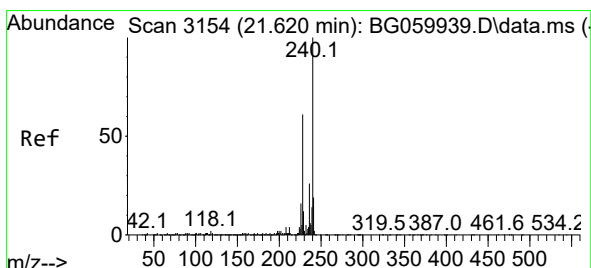
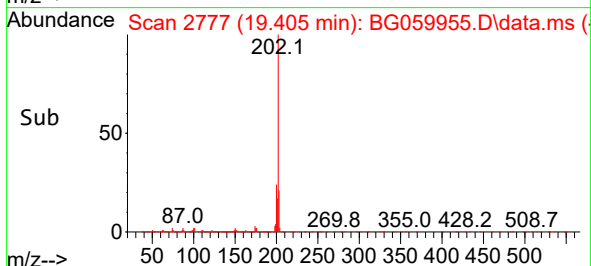
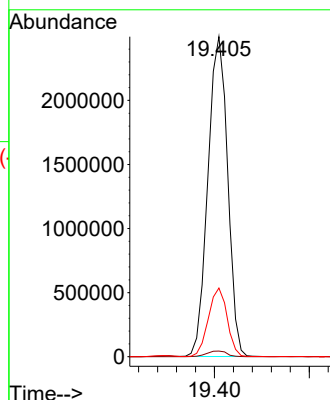
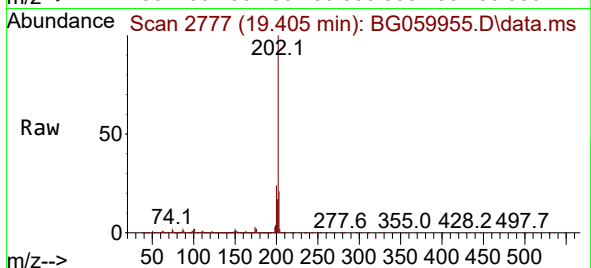
Tgt Ion:202 Resp: 3612120

Ion Ratio Lower Upper

202 100

101 1.8 0.0 21.6

203 21.4 0.9 40.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.620 min Scan# 3154

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

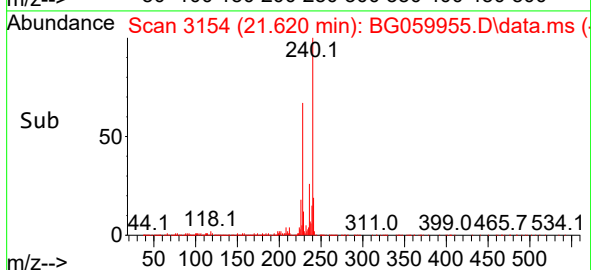
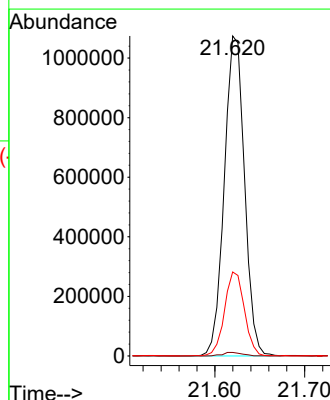
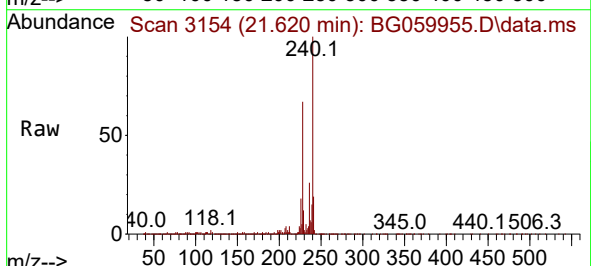
Tgt Ion:240 Resp: 1679522

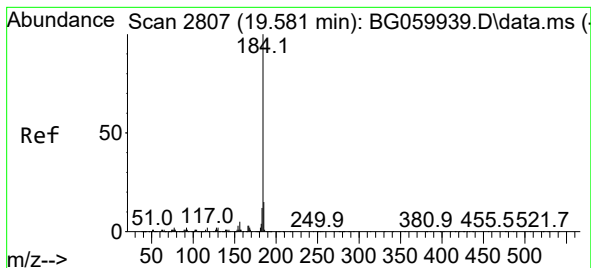
Ion Ratio Lower Upper

240 100

120 1.1 1.0 1.4

236 26.2 20.8 31.2





#77

Benzidine

Concen: 20.558 ng

RT: 19.581 min Scan# 2807

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

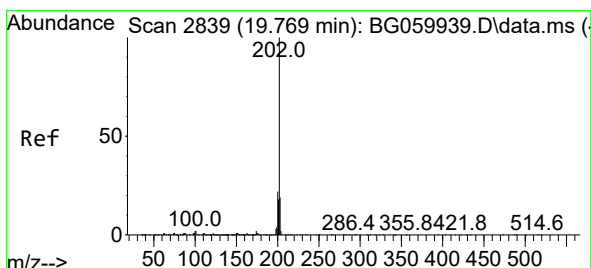
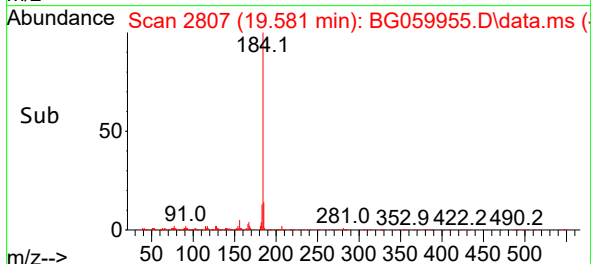
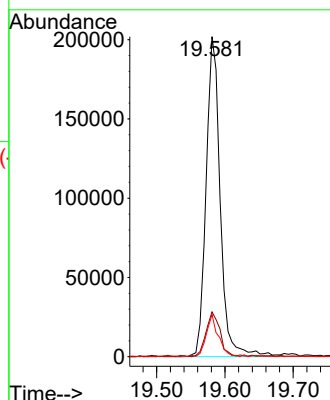
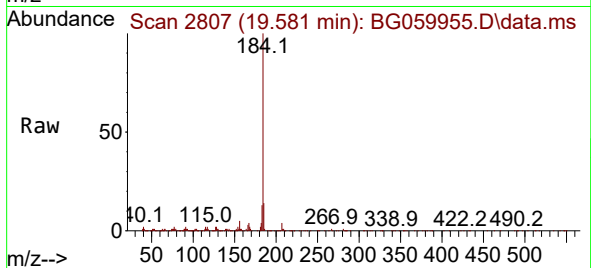
Tgt Ion:184 Resp: 291003

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

183 13.1 9.7 14.5



#78

Pyrene

Concen: 41.747 ng

RT: 19.769 min Scan# 2839

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

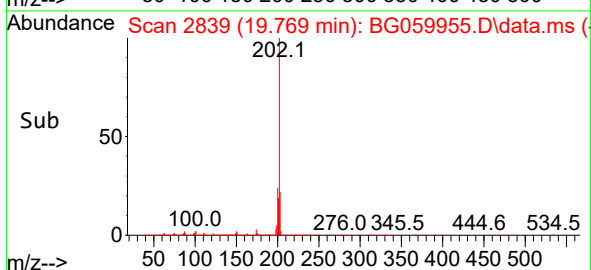
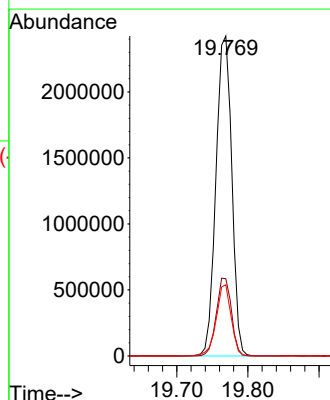
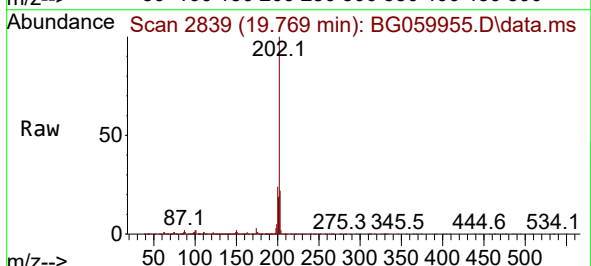
Tgt Ion:202 Resp: 3731418

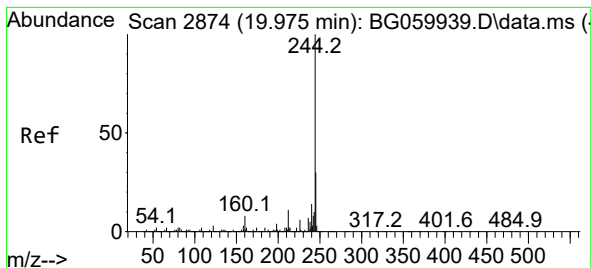
Ion Ratio Lower Upper

202 100

200 24.2 17.8 26.6

203 22.2 15.4 23.0





#79

Terphenyl-d14

Concen: 58.437 ng

RT: 19.969 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

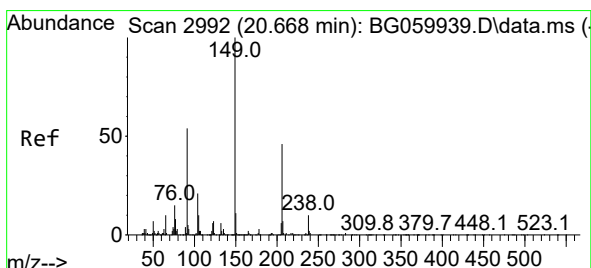
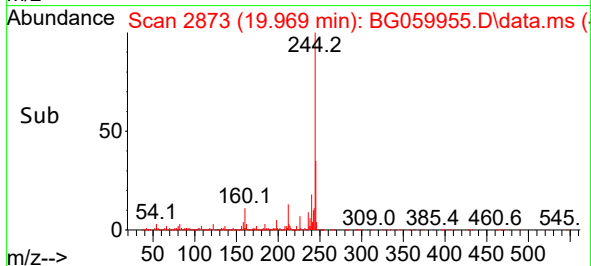
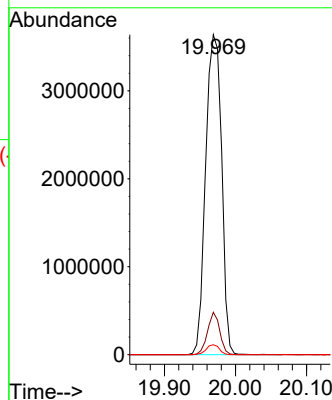
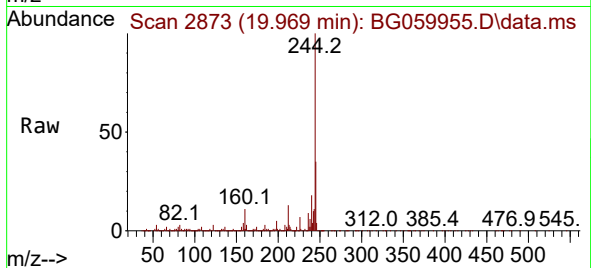
Tgt Ion:244 Resp: 5693330

Ion Ratio Lower Upper

244 100

212 13.2 8.6 13.0#

122 3.1 2.1 3.1



#80

Butylbenzylphthalate

Concen: 47.268 ng

RT: 20.662 min Scan# 2991

Delta R.T. -0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

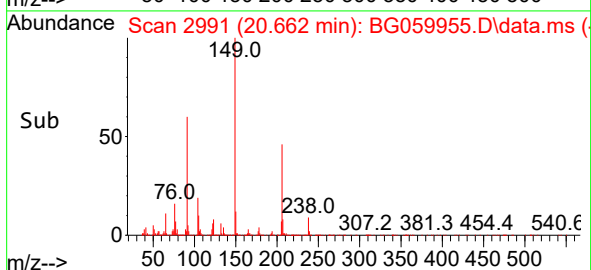
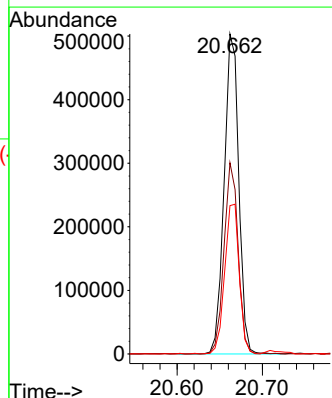
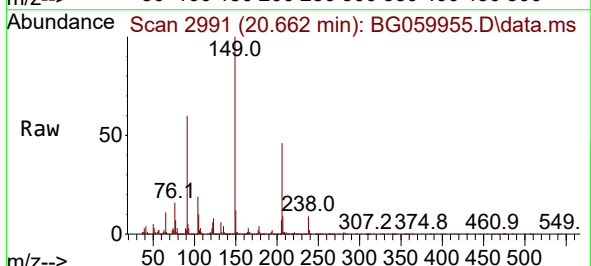
Tgt Ion:149 Resp: 599319

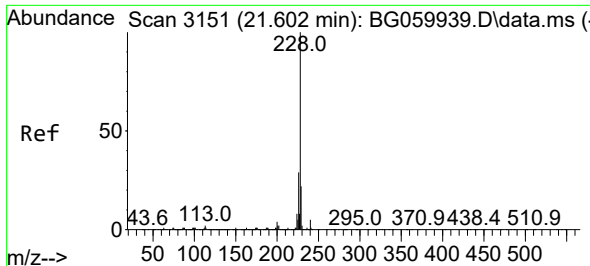
Ion Ratio Lower Upper

149 100

91 59.8 42.9 64.3

206 46.3 36.7 55.1

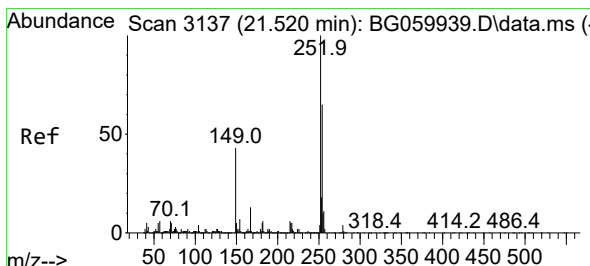
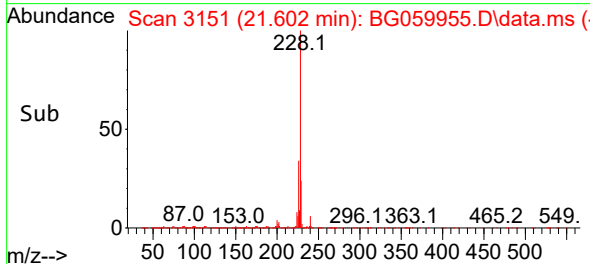
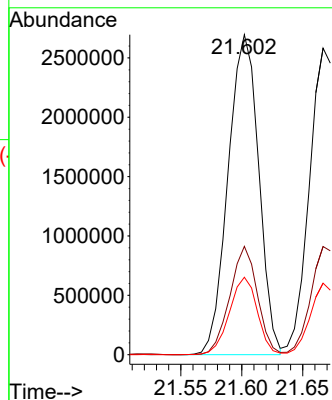
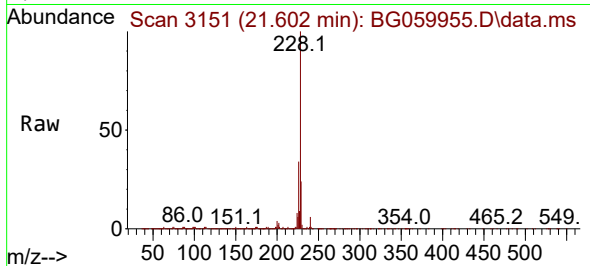




#81
Benzo(a)anthracene
Concen: 42.148 ng
RT: 21.602 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

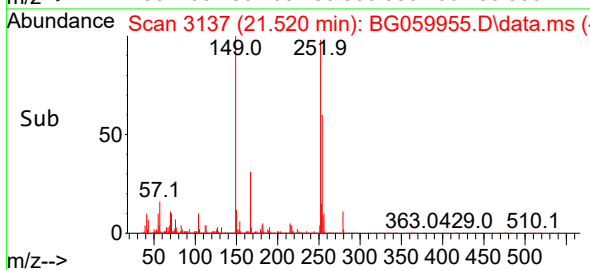
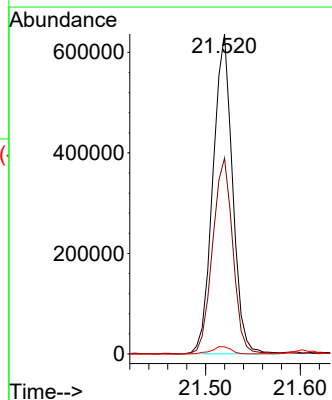
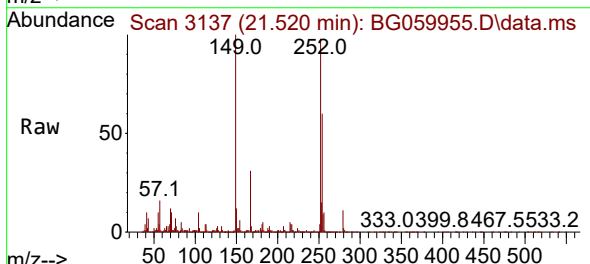
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

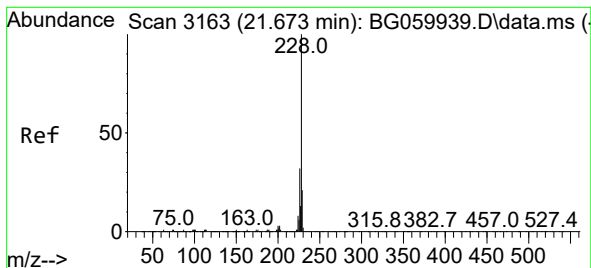
Tgt Ion:228 Resp: 4723106
Ion Ratio Lower Upper
228 100
226 33.9 23.4 35.2
229 24.2 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 24.804 ng
RT: 21.520 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:252 Resp: 912865
Ion Ratio Lower Upper
252 100
254 61.2 51.9 77.9
126 2.2 1.4 2.2#





#83

Chrysene

Concen: 41.822 ng

RT: 21.667 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

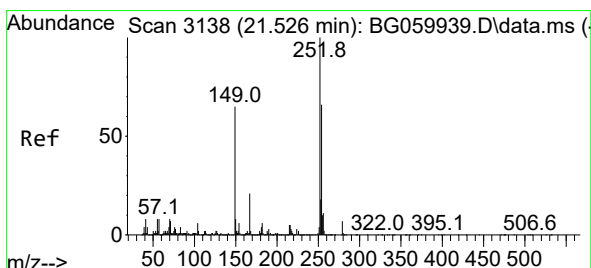
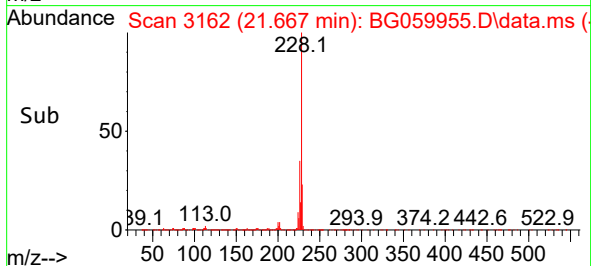
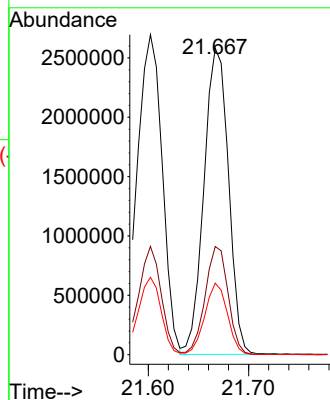
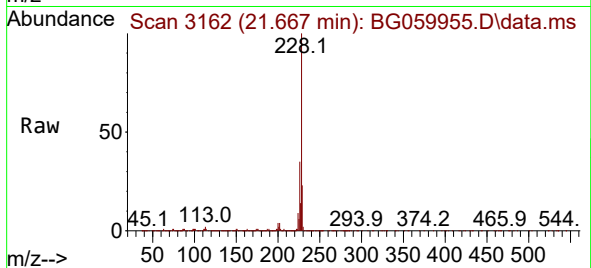
Tgt Ion:228 Resp: 4393888

Ion Ratio Lower Upper

228 100

226 35.3 25.4 38.2

229 23.3 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.479 ng

RT: 21.526 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

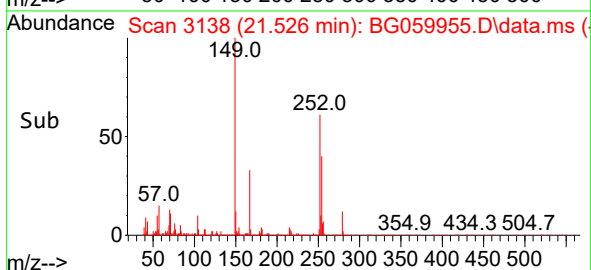
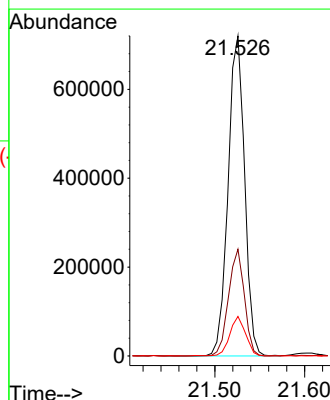
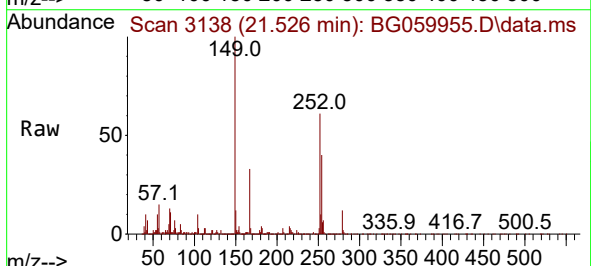
Tgt Ion:149 Resp: 921155

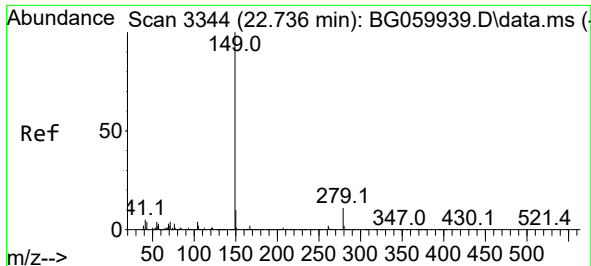
Ion Ratio Lower Upper

149 100

167 33.4 26.1 39.1

279 12.4 8.6 12.8

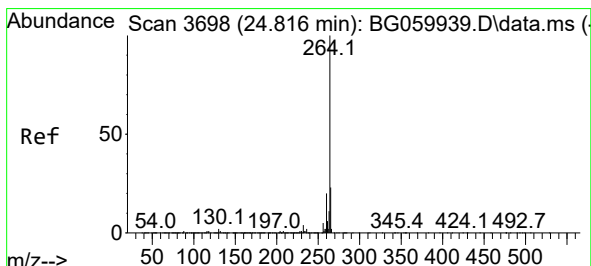
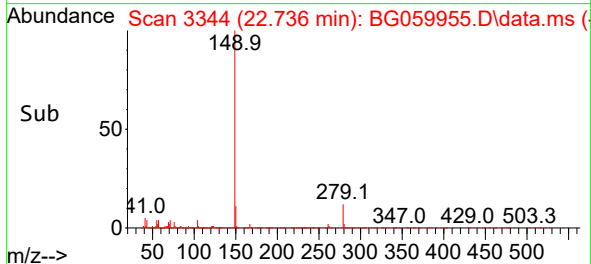
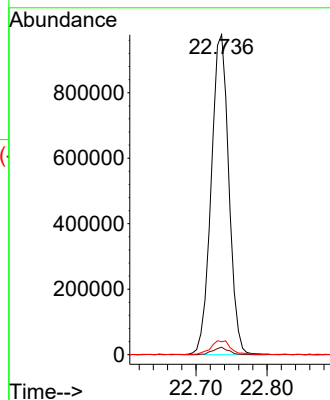
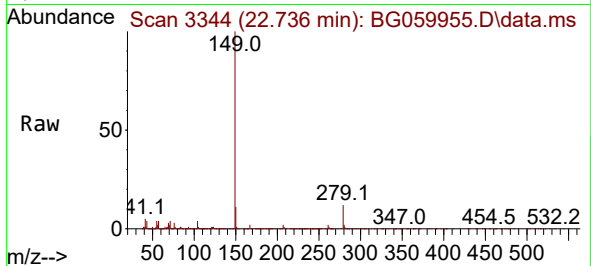




#85
Di-n-octyl phthalate
Concen: 50.060 ng
RT: 22.736 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

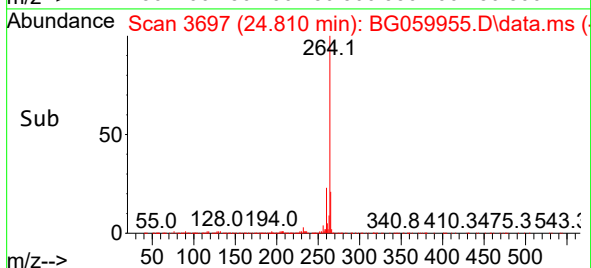
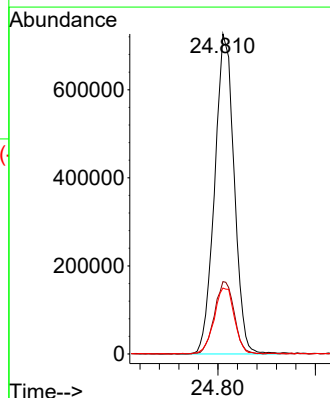
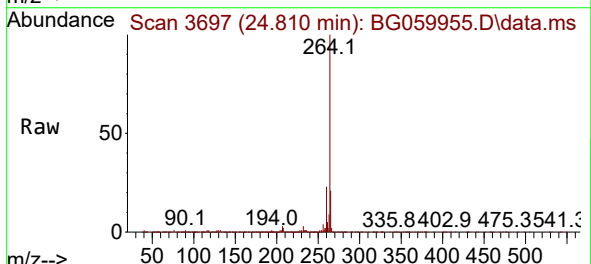
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

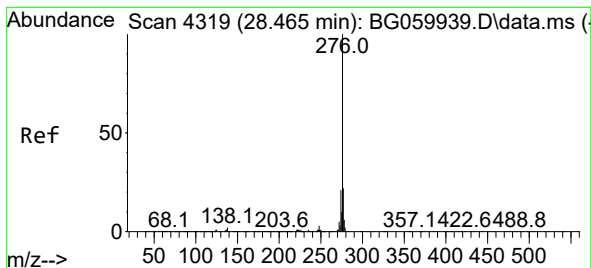
Tgt Ion:149 Resp: 1678457
Ion Ratio Lower Upper
149 100
167 2.1 1.7 2.5
43 4.9 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.810 min Scan# 3697
Delta R.T. -0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:264 Resp: 2020122
Ion Ratio Lower Upper
264 100
260 22.6 15.8 23.6
265 20.6 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.048 ng

RT: 28.459 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

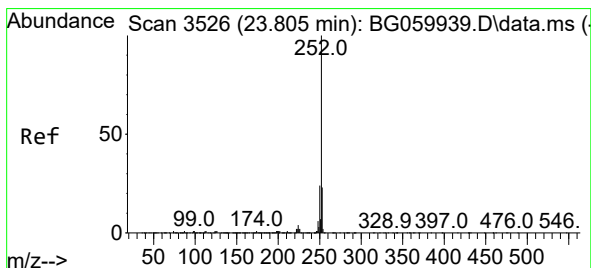
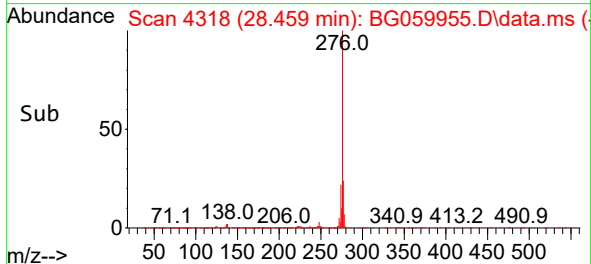
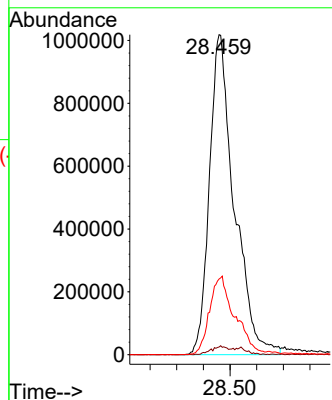
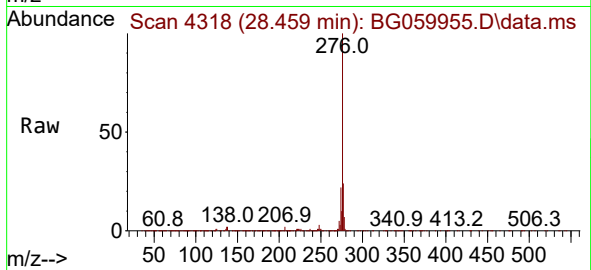
Tgt Ion:276 Resp: 6570818

Ion Ratio Lower Upper

276 100

138 1.9 0.0 0.0#

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 41.928 ng

RT: 23.800 min Scan# 3525

Delta R.T. -0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

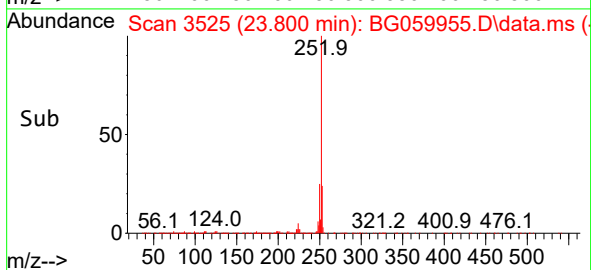
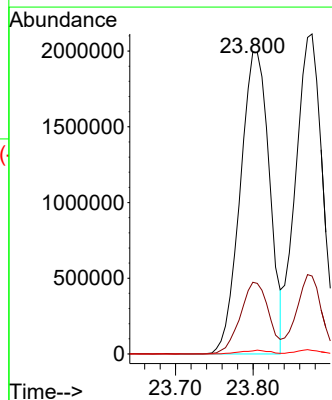
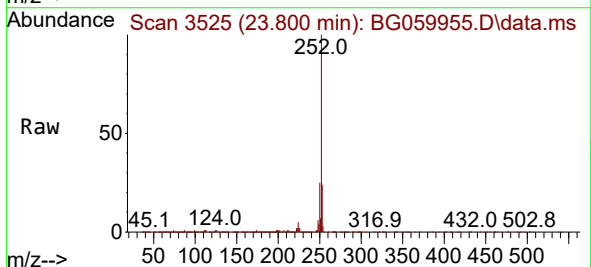
Tgt Ion:252 Resp: 5235253

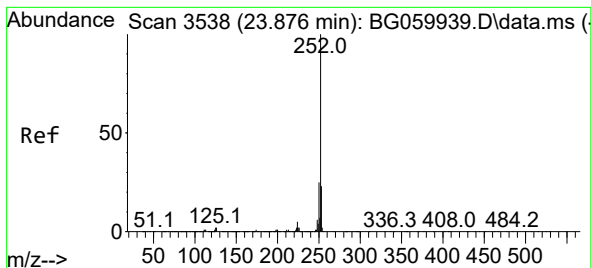
Ion Ratio Lower Upper

252 100

253 23.7 18.5 27.7

125 1.0 1.2 1.8#





#89

Benzo(k)fluoranthene

Concen: 41.379 ng

RT: 23.876 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

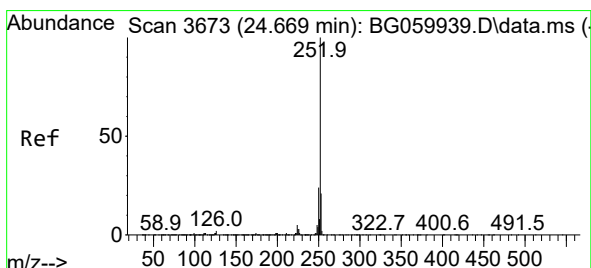
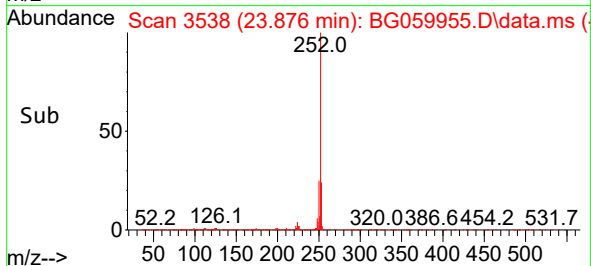
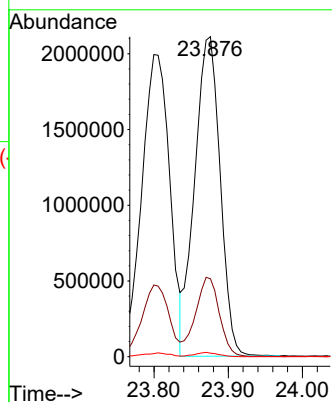
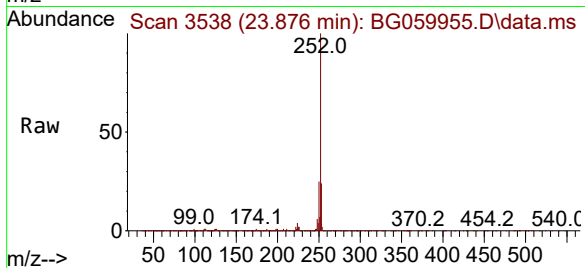
Tgt Ion:252 Resp: 5034567

Ion Ratio Lower Upper

252 100

253 24.4 18.3 27.5

125 1.1 1.3 1.9#



#90

Benzo(a)pyrene

Concen: 41.940 ng

RT: 24.663 min Scan# 3672

Delta R.T. -0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

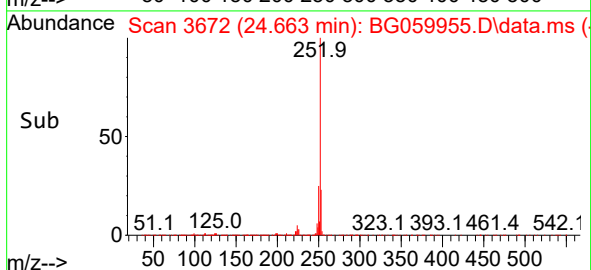
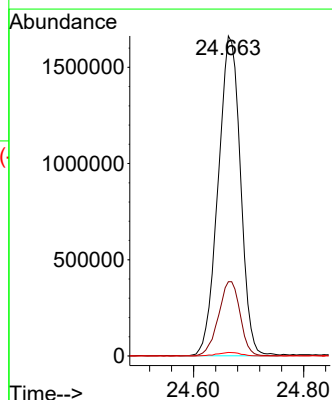
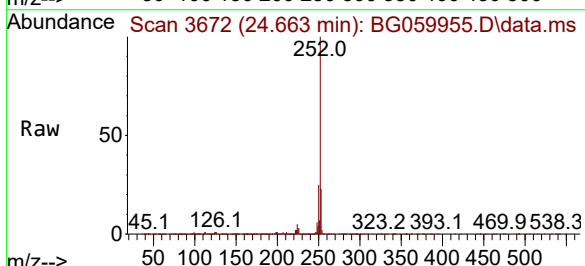
Tgt Ion:252 Resp: 4676867

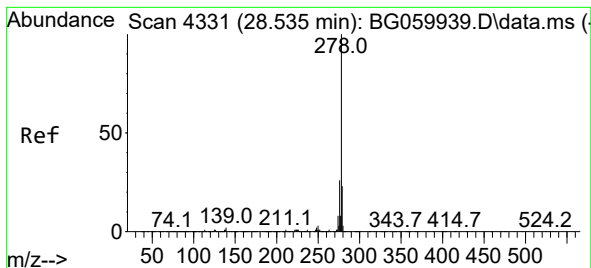
Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.6

125 1.1 0.9 1.3





#91

Dibenzo(a,h)anthracene

Concen: 43.546 ng

RT: 28.535 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

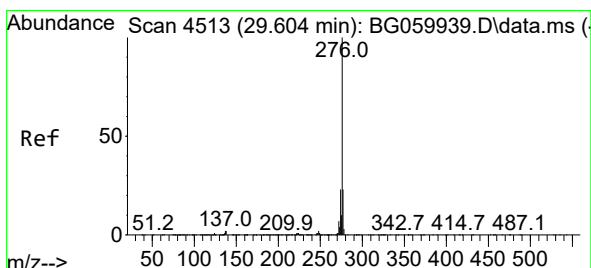
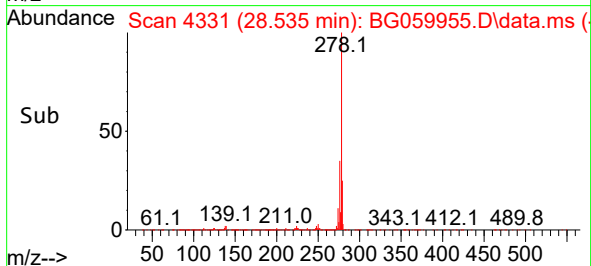
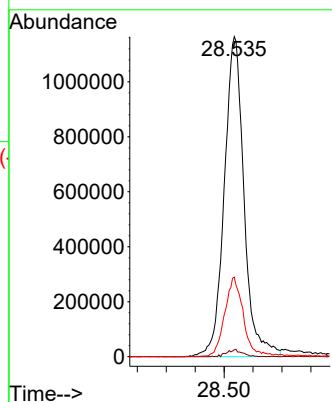
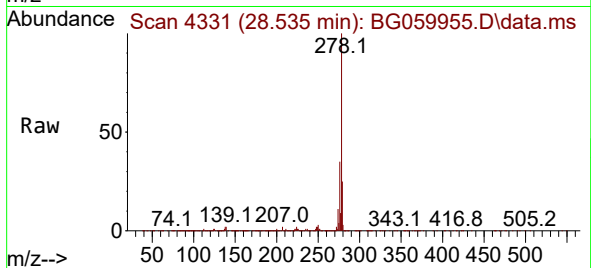
Tgt Ion:278 Resp: 5515228

Ion Ratio Lower Upper

278 100

139 2.1 1.7 2.5

279 24.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 41.012 ng

RT: 29.610 min Scan# 4514

Delta R.T. 0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Tgt Ion:276 Resp: 5023680

Ion Ratio Lower Upper

276 100

277 22.9 18.1 27.1

138 2.4 1.6 2.4#

