

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060662.D
 Acq On : 15 Mar 2024 13:05
 Operator : MA/JU
 Sample : PB159608BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159608BS

Quant Time: Mar 15 14:36:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.326	152	110974	20.000	ng	0.00
21) Naphthalene-d8	11.170	136	521823	20.000	ng	0.00
39) Acenaphthene-d10	14.954	164	339065	20.000	ng	0.00
64) Phenanthrene-d10	17.698	188	717678	20.000	ng	0.00
76) Chrysene-d12	22.022	240	646350	20.000	ng	0.00
86) Perylene-d12	25.571	264	685250	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	1071635	151.801	ng	0.00
7) Phenol-d6	7.445	99	1480523	144.575	ng	0.00
23) Nitrobenzene-d5	9.525	82	906122	90.371	ng	0.00
42) 2,4,6-Tribromophenol	16.434	330	592996	150.926	ng	0.00
45) 2-Fluorobiphenyl	13.579	172	2168735	86.480	ng	0.00
79) Terphenyl-d14	20.277	244	2973117	83.144	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.643	88	100934	34.158	ng 98
3) Pyridine	4.061	79	260900	29.874	ng 96
4) n-Nitrosodimethylamine	3.990	42	185403	43.277	ng 98
6) Aniline	7.650	93	255580	20.424	ng 97
8) 2-Chlorophenol	7.874	128	405753	52.579	ng 99
9) Benzaldehyde	7.468	77	130180	22.709	ng 98
10) Phenol	7.474	94	543785	52.922	ng 98
11) bis(2-Chloroethyl)ether	7.739	93	369602	45.123	ng 97
12) 1,3-Dichlorobenzene	8.203	146	388280	46.658	ng 97
13) 1,4-Dichlorobenzene	8.361	146	392302	46.505	ng 98
14) 1,2-Dichlorobenzene	8.679	146	389441	46.483	ng 100
15) Benzyl Alcohol	8.567	79	389138	48.065	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.831	45	733820	46.147	ng 99
17) 2-Methylphenol	8.749	107	380556	48.232	ng 98
18) Hexachloroethane	9.413	117	135132	46.894	ng 96
19) n-Nitroso-di-n-propyla...	9.137	70	316049	44.524	ng 98
20) 3+4-Methylphenols	9.078	107	503831	47.347	ng 100
22) Acetophenone	9.166	105	633370	45.272	ng # 98
24) Nitrobenzene	9.572	77	463754	46.264	ng 98
25) Isophorone	10.077	82	920536	45.871	ng 99
26) 2-Nitrophenol	10.277	139	202851	49.865	ng 96
27) 2,4-Dimethylphenol	10.294	122	364017	40.983	ng 99
28) bis(2-Chloroethoxy)met...	10.559	93	545229	45.320	ng 99
29) 2,4-Dichlorophenol	10.794	162	397464	49.859	ng 96
30) 1,2,4-Trichlorobenzene	11.017	180	393405	46.478	ng 99
31) Naphthalene	11.223	128	1294505	44.414	ng 99
32) Benzoic acid	10.430	122	293087	49.935	ng 98
33) 4-Chloroaniline	11.334	127	193494	15.743	ng 96
34) Hexachlorobutadiene	11.452	225	259627	44.970	ng 95
35) Caprolactam	12.139	113	128139m	47.751	ng
36) 4-Chloro-3-methylphenol	12.404	107	474201	48.540	ng 98
37) 2-Methylnaphthalene	12.803	142	873007	43.366	ng 99
38) 1-Methylnaphthalene	13.015	142	832264	44.047	ng 100
40) 1,2,4,5-Tetrachloroben...	13.144	216	483455	46.429	ng 99
41) Hexachlorocyclopentadiene	13.097	237	492857	96.251	ng 95
43) 2,4,6-Trichlorophenol	13.385	196	336174	50.280	ng 97

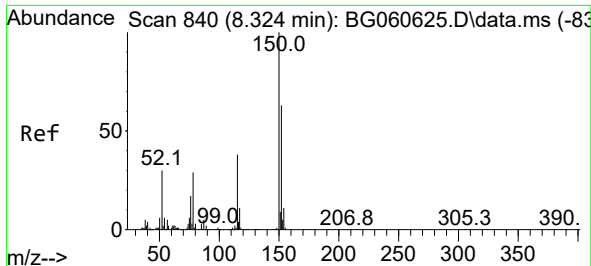
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.455	196	356836	45.115	ng	# 96
46) 1,1'-Biphenyl	13.790	154	1191481	46.230	ng	99
47) 2-Chloronaphthalene	13.843	162	925680	47.591	ng	96
48) 2-Nitroaniline	14.055	65	323049	50.322	ng	99
49) Acenaphthylene	14.683	152	1534722	48.435	ng	99
50) Dimethylphthalate	14.396	163	1169880	46.005	ng	99
51) 2,6-Dinitrotoluene	14.537	165	238341	50.866	ng	99
52) Acenaphthene	15.018	154	867459	45.813	ng	95
53) 3-Nitroaniline	14.877	138	177164	32.838	ng	96
54) 2,4-Dinitrophenol	15.071	184	250692	102.411	ng	90
55) Dibenzofuran	15.347	168	1397835	45.594	ng	98
56) 4-Nitrophenol	15.148	139	422405	104.925	ng	96
57) 2,4-Dinitrotoluene	15.312	165	320898	54.440	ng	96
58) Fluorene	15.994	166	1126613	45.930	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.553	232	323393	49.029	ng	92
60) Diethylphthalate	15.741	149	1195714	45.700	ng	98
61) 4-Chlorophenyl-phenyle...	15.976	204	561137	45.163	ng	99
62) 4-Nitroaniline	16.041	138	263939	47.775	ng	98
63) Azobenzene	16.270	77	1227604	45.336	ng	98
65) 4,6-Dinitro-2-methylph...	16.064	198	164928	50.569	ng	96
66) n-Nitrosodiphenylamine	16.199	169	1026575	45.706	ng	99
67) 4-Bromophenyl-phenylether	16.875	248	368906	47.667	ng	98
68) Hexachlorobenzene	16.963	284	423261	47.568	ng	97
69) Atrazine	17.128	200	312747	41.631	ng	99
70) Pentachlorophenol	17.321	266	532702	92.368	ng	98
71) Phenanthrene	17.745	178	1754709	45.389	ng	99
72) Anthracene	17.833	178	1757275	44.956	ng	100
73) Carbazole	18.109	167	1573850	46.306	ng	98
74) Di-n-butylphthalate	18.614	149	1930055	46.598	ng	100
75) Fluoranthene	19.730	202	1948009	45.553	ng	98
77) Benzidine	19.918	184	391208	24.745	ng	96
78) Pyrene	20.095	202	2006238	44.478	ng	99
80) Butylbenzylphthalate	20.958	149	836744	49.069	ng	97
81) Benzo(a)anthracene	21.998	228	2036879	45.769	ng	99
82) 3,3'-Dichlorobenzidine	21.904	252	537811	35.854	ng	94
83) Chrysene	22.069	228	1936529	44.815	ng	99
84) Bis(2-ethylhexyl)phtha...	21.834	149	1228896	48.788	ng	97
85) Di-n-octyl phthalate	23.162	149	2088475	50.351	ng	99
87) Indeno(1,2,3-cd)pyrene	29.695	276	2453214	52.485	ng	# 94
88) Benzo(b)fluoranthene	24.425	252	1981247	52.556	ng	98
89) Benzo(k)fluoranthene	24.501	252	1992457	50.308	ng	98
90) Benzo(a)pyrene	25.406	252	1805989	48.864	ng	98
91) Dibenzo(a,h)anthracene	29.789	278	2067889	52.114	ng	97
92) Benzo(g,h,i)perylene	31.017	276	1952788	50.830	ng	99

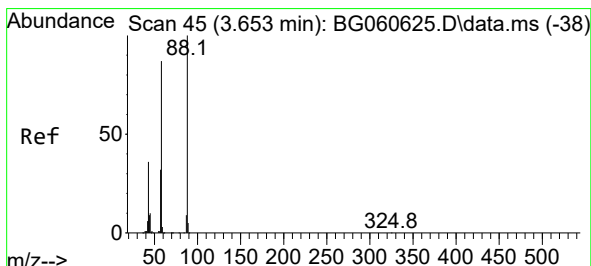
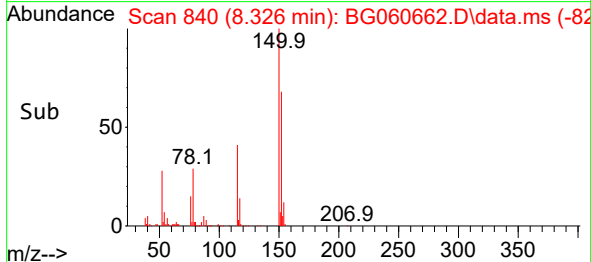
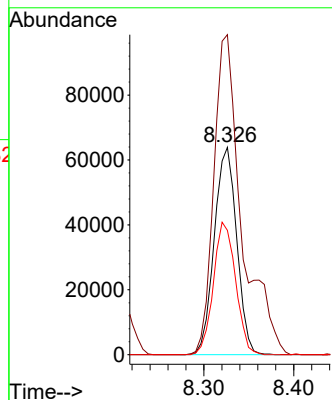
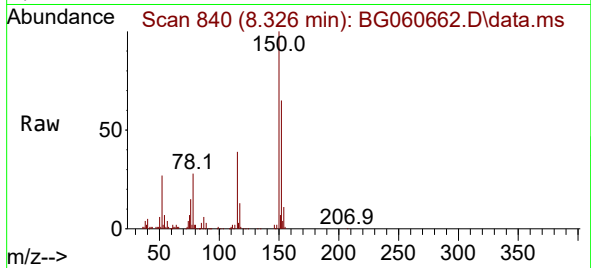
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.326 min Scan# 84
 Delta R.T. 0.002 min
 Lab File: BG060662.D
 Acq: 15 Mar 2024 13:05

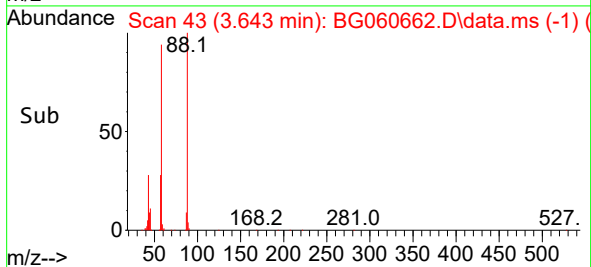
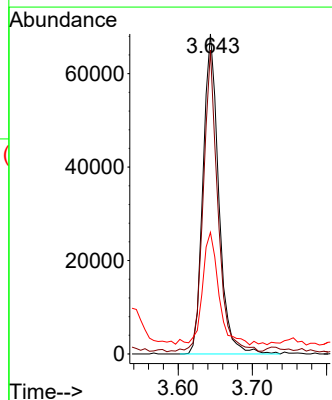
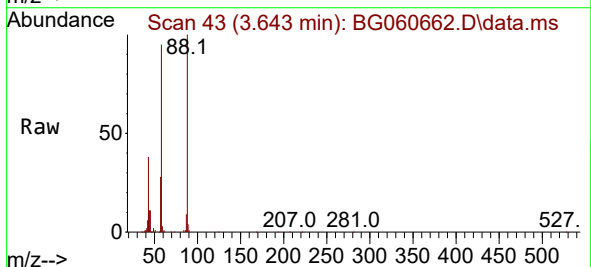
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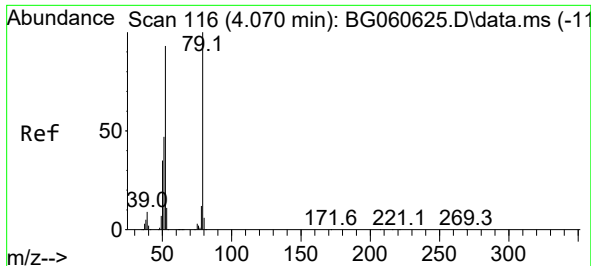
Tgt Ion:152 Resp: 110974
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.6 190.0
 115 59.9 47.8 71.8



#2
 1,4-Dioxane
 Concen: 34.158 ng
 RT: 3.643 min Scan# 43
 Delta R.T. -0.009 min
 Lab File: BG060662.D
 Acq: 15 Mar 2024 13:05

Tgt Ion: 88 Resp: 100934
 Ion Ratio Lower Upper
 88 100
 58 86.4 70.6 106.0
 43 36.4 27.9 41.9

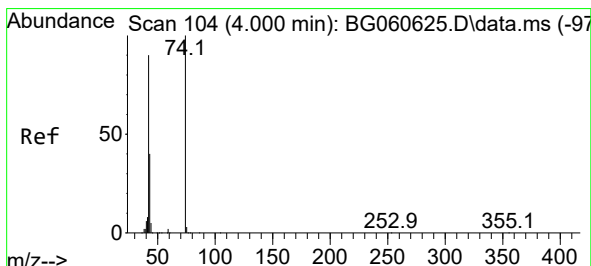
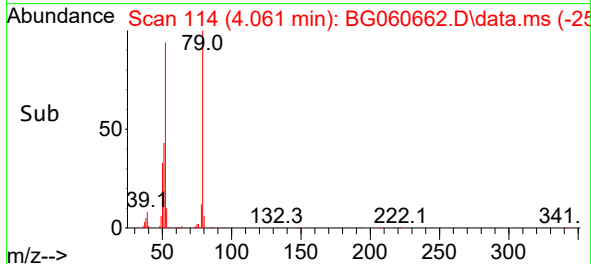
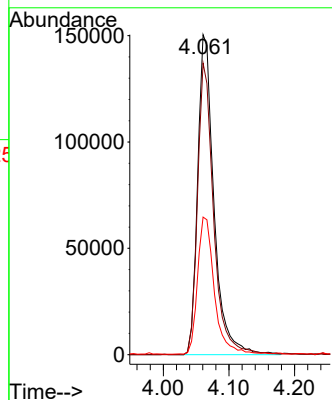
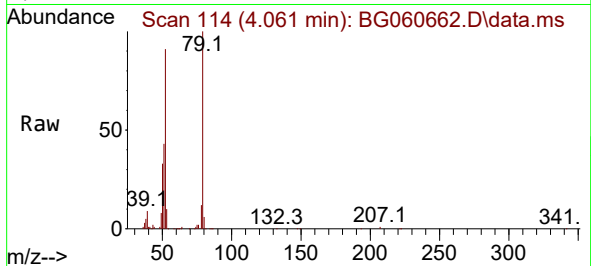




#3
 Pyridine
 Concen: 29.874 ng
 RT: 4.061 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: BG060662.D
 Acq: 15 Mar 2024 13:05

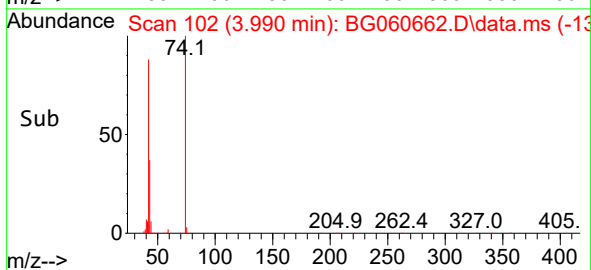
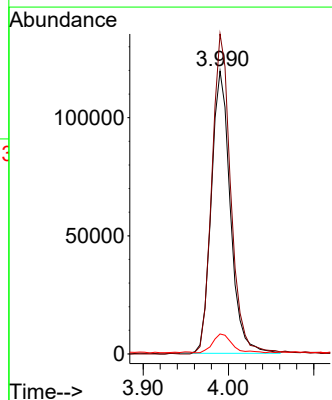
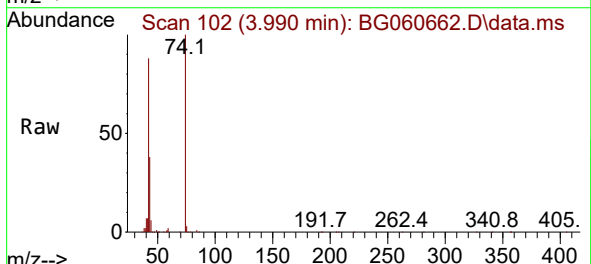
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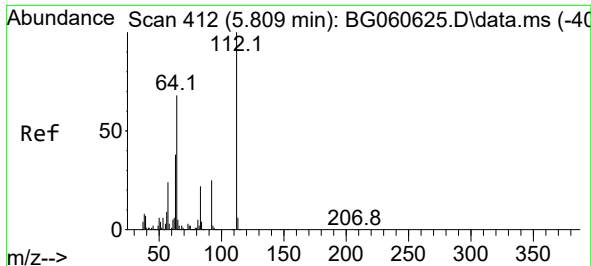
Tgt Ion: 79 Resp: 260900
 Ion Ratio Lower Upper
 79 100
 52 91.1 74.6 112.0
 51 43.0 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 43.277 ng
 RT: 3.990 min Scan# 102
 Delta R.T. -0.009 min
 Lab File: BG060662.D
 Acq: 15 Mar 2024 13:05

Tgt Ion: 42 Resp: 185403
 Ion Ratio Lower Upper
 42 100
 74 113.1 89.0 133.6
 44 7.1 4.7 7.1

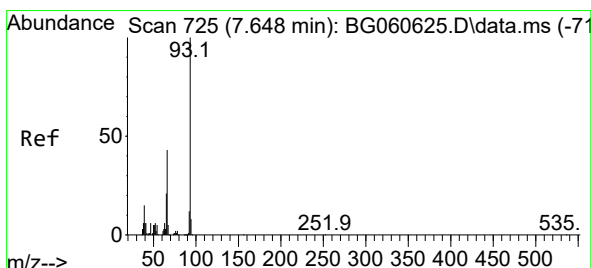
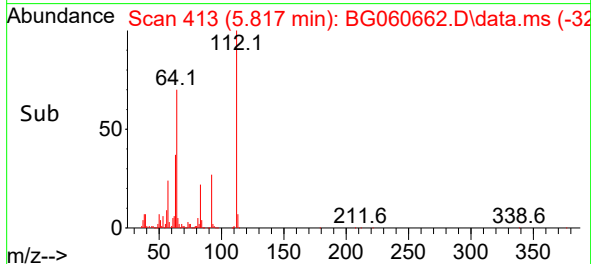
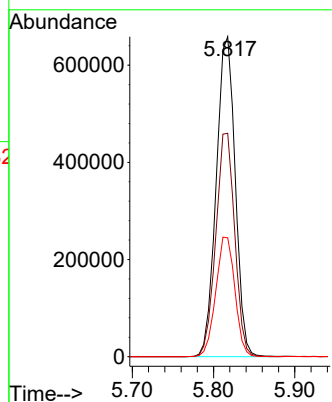
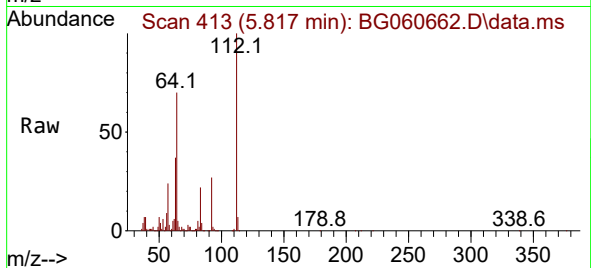




#5
2-Fluorophenol
Concen: 151.801 ng
RT: 5.817 min Scan# 412
Delta R.T. 0.008 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

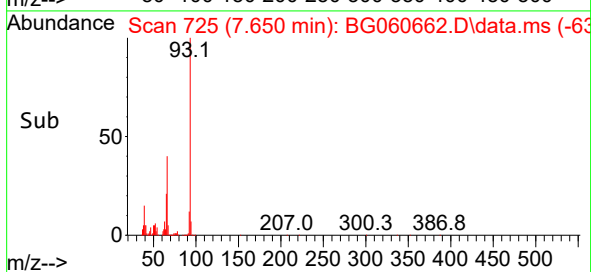
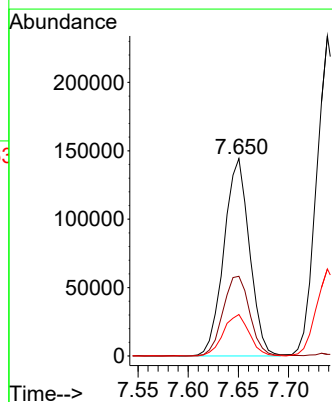
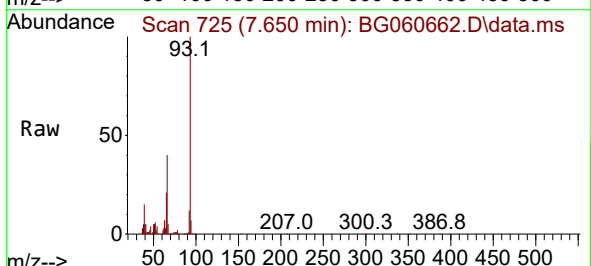
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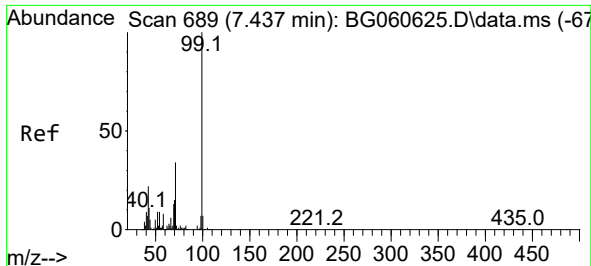
Tgt Ion:112 Resp: 1071635
Ion Ratio Lower Upper
112 100
64 69.8 54.1 81.1
63 37.2 30.3 45.5



#6
Aniline
Concen: 20.424 ng
RT: 7.650 min Scan# 725
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion: 93 Resp: 255580
Ion Ratio Lower Upper
93 100
66 40.3 34.5 51.7
65 20.9 17.0 25.4



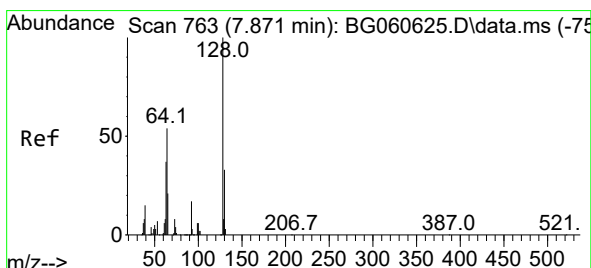
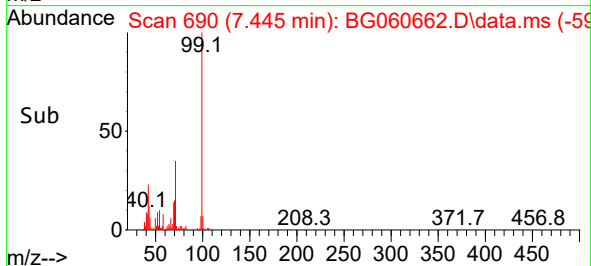
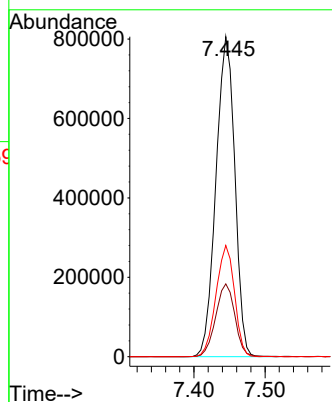
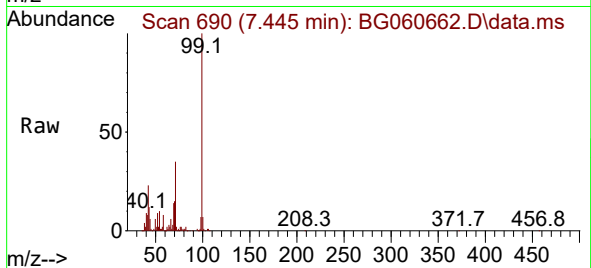


#7
Phenol-d6
Concen: 144.575 ng
RT: 7.445 min Scan# 690
Delta R.T. 0.008 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Instrument :
BNA_G
ClientSampleId :
PB159608BS

Tgt Ion: 99 Resp: 1480523

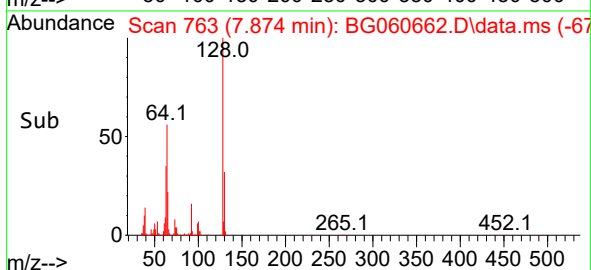
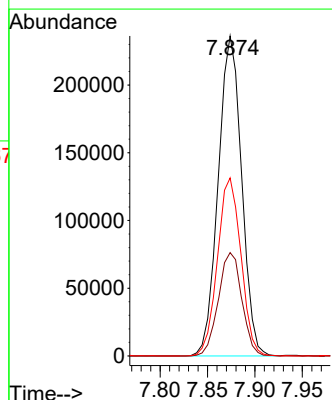
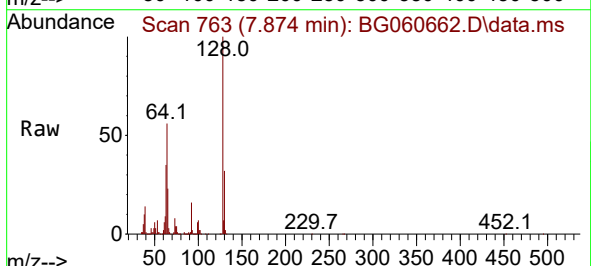
Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.5	26.3
71	34.8	27.4	41.0

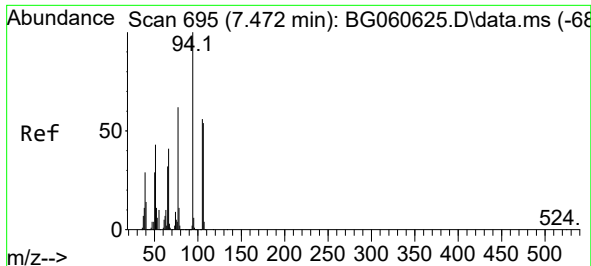


#8
2-Chlorophenol
Concen: 52.579 ng
RT: 7.874 min Scan# 763
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion: 128 Resp: 405753

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.2	53.2
64	55.6	35.8	75.8

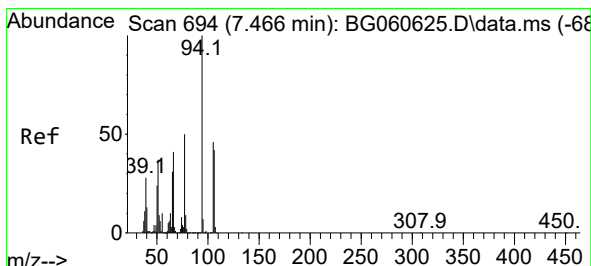
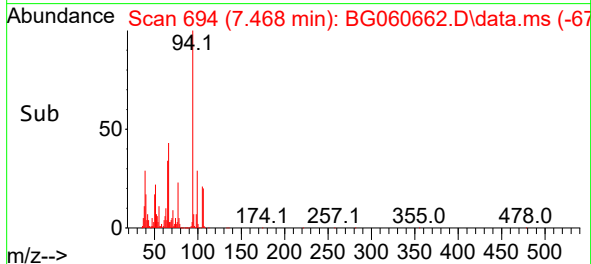
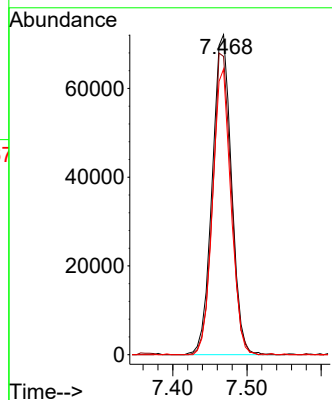
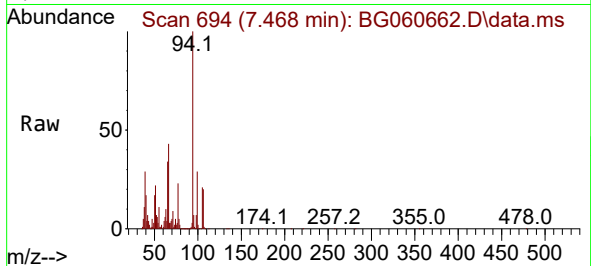




#9
Benzaldehyde
Concen: 22.709 ng
RT: 7.468 min Scan# 694
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

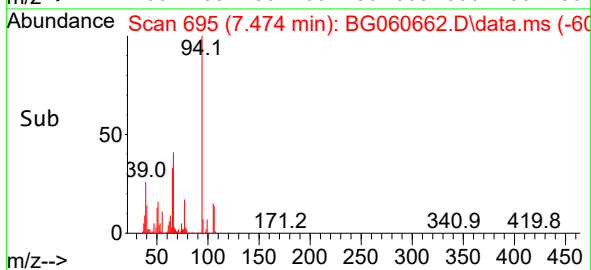
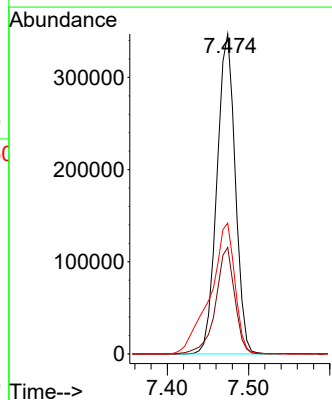
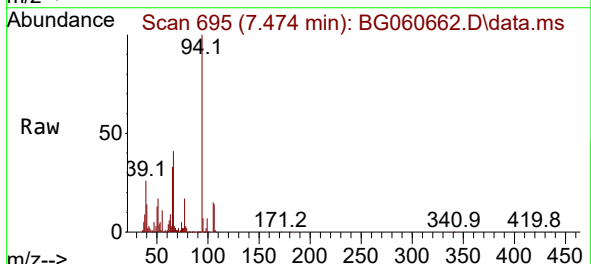
Instrument :
BNA_G
ClientSampleId :
PB159608BS

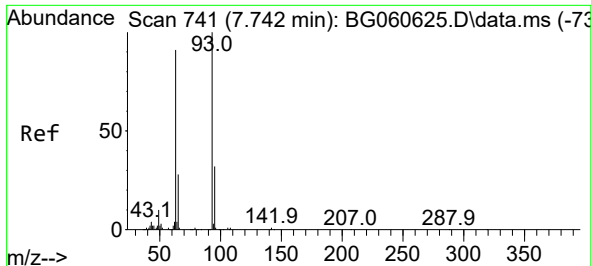
Tgt Ion: 77 Resp: 130180
Ion Ratio Lower Upper
77 100
105 93.2 71.4 111.4
106 89.3 67.1 107.1



#10
Phenol
Concen: 52.922 ng
RT: 7.474 min Scan# 695
Delta R.T. 0.008 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion: 94 Resp: 543785
Ion Ratio Lower Upper
94 100
65 33.3 11.2 51.2
66 40.9 21.0 61.0

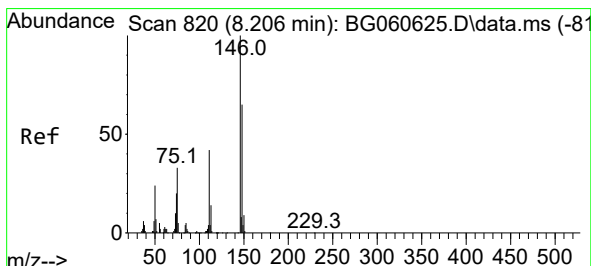
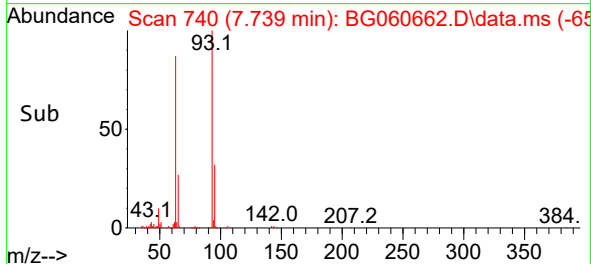
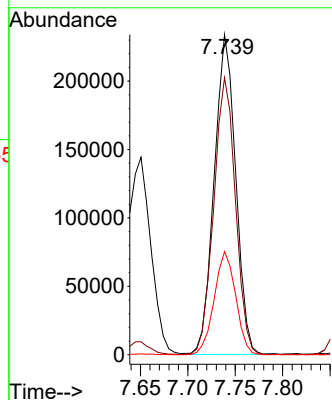
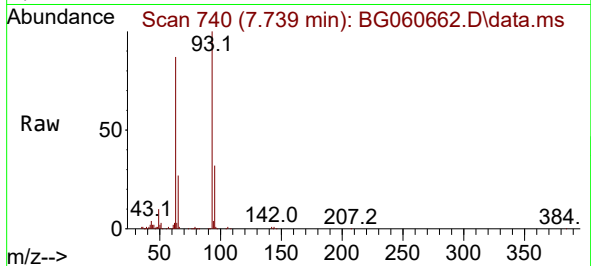




#11
bis(2-Chloroethyl)ether
Concen: 45.123 ng
RT: 7.739 min Scan# 741
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

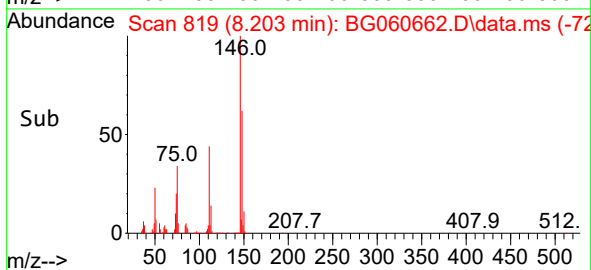
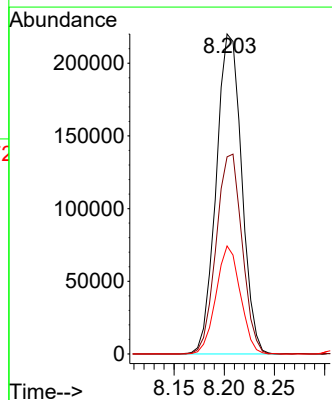
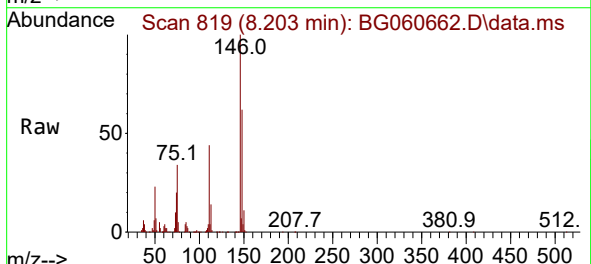
Instrument :
BNA_G
ClientSampleId :
PB159608BS

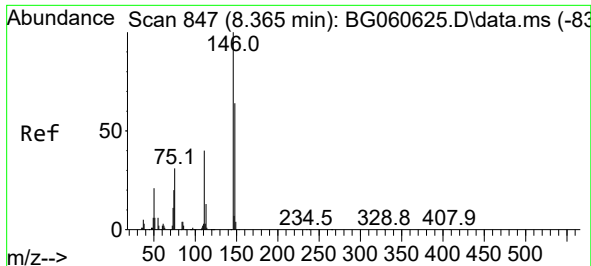
Tgt Ion: 93 Resp: 369602
Ion Ratio Lower Upper
93 100
63 86.6 70.9 110.9
95 32.2 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 46.658 ng
RT: 8.203 min Scan# 819
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:146 Resp: 388280
Ion Ratio Lower Upper
146 100
148 61.6 52.1 78.1
75 33.7 26.3 39.5

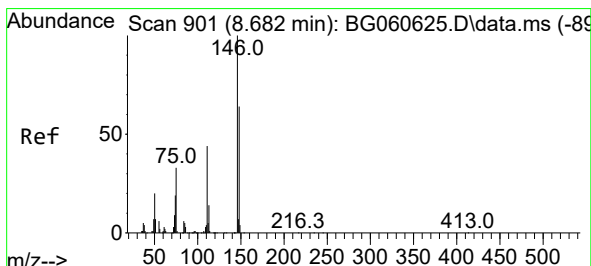
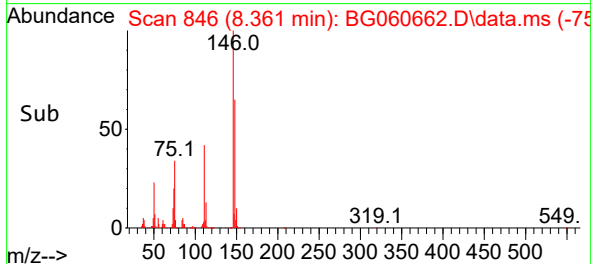
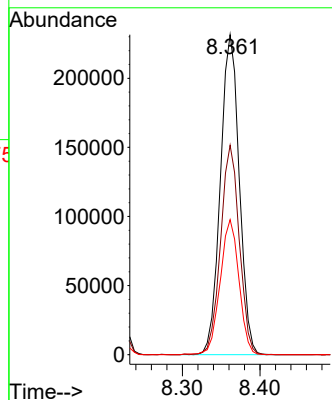
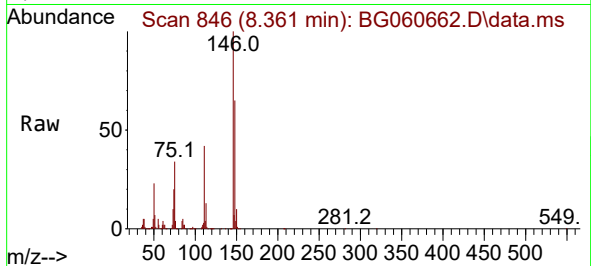




#13
1,4-Dichlorobenzene
Concen: 46.505 ng
RT: 8.361 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

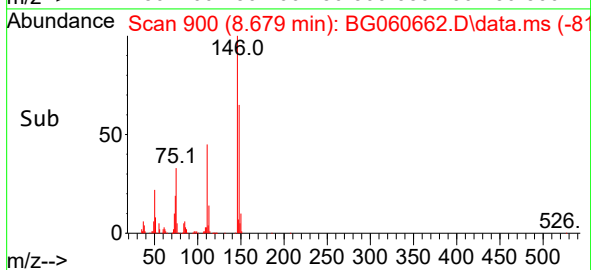
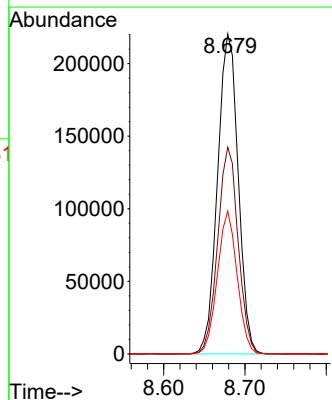
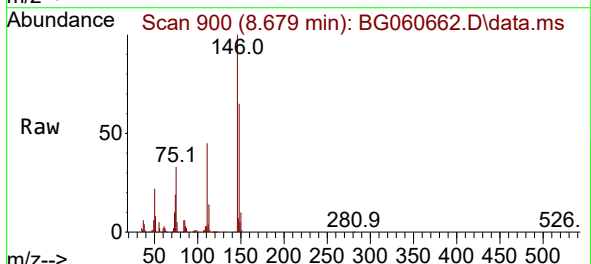
Instrument :
BNA_G
ClientSampleId :
PB159608BS

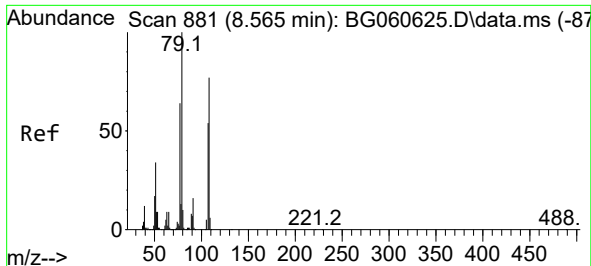
Tgt Ion:146 Resp: 392302
Ion Ratio Lower Upper
146 100
148 65.5 51.5 77.3
111 42.2 32.2 48.2



#14
1,2-Dichlorobenzene
Concen: 46.483 ng
RT: 8.679 min Scan# 900
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:146 Resp: 389441
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
111 44.7 35.5 53.3

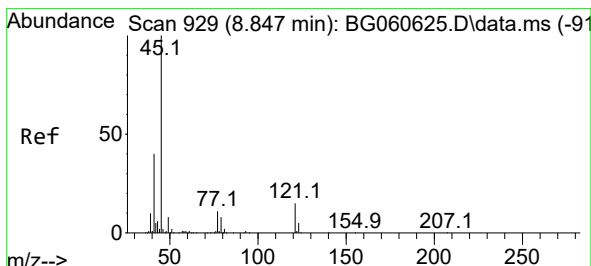
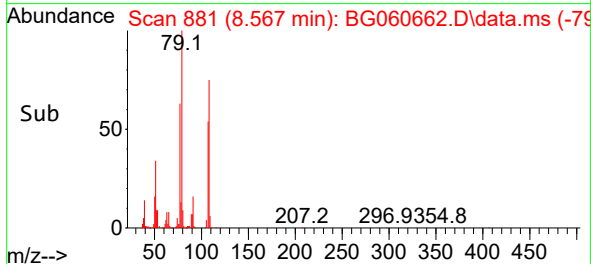
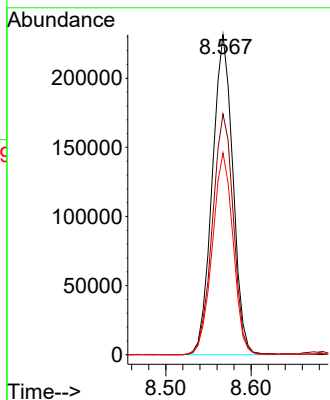
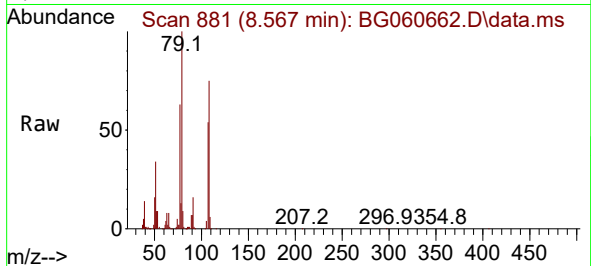




#15
Benzyl Alcohol
Concen: 48.065 ng
RT: 8.567 min Scan# 881
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

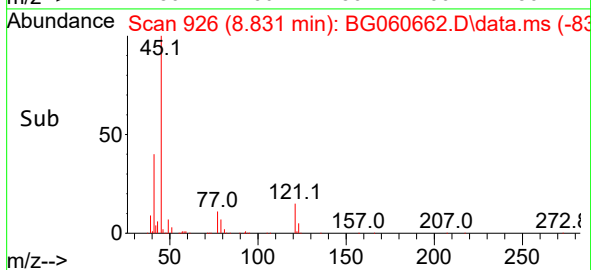
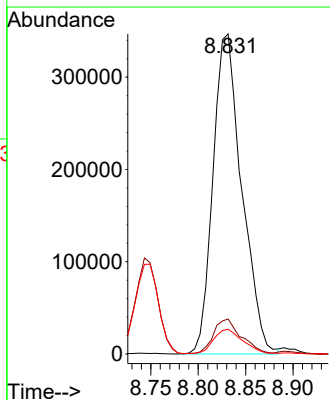
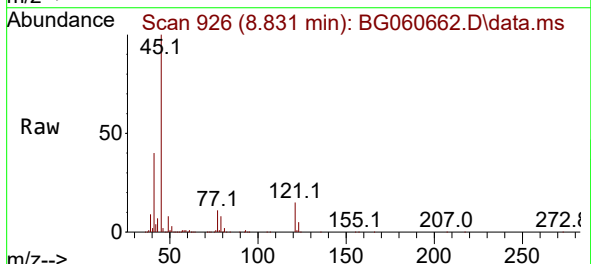
Instrument :
BNA_G
ClientSampleId :
PB159608BS

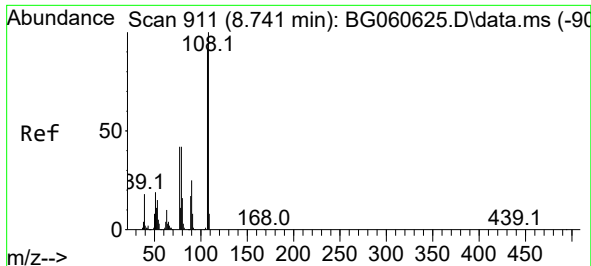
Tgt Ion: 79 Resp: 389138
Ion Ratio Lower Upper
79 100
108 75.2 61.4 92.2
77 63.1 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.147 ng
RT: 8.831 min Scan# 926
Delta R.T. -0.015 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion: 45 Resp: 733820
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.0
79 7.8 0.0 28.8

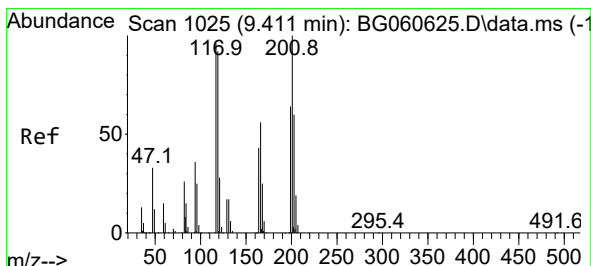
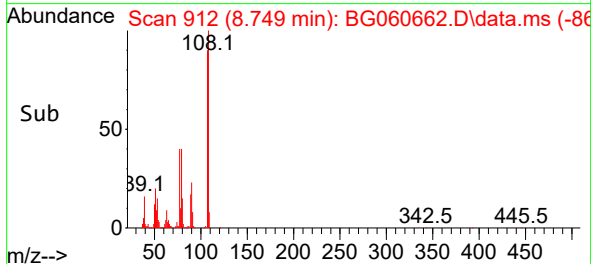
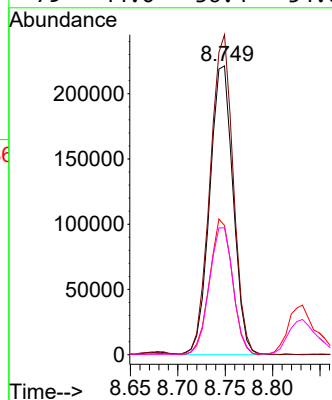
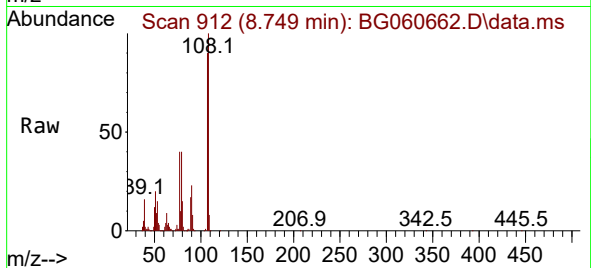




#17
2-Methylphenol
Concen: 48.232 ng
RT: 8.749 min Scan# 911
Delta R.T. 0.008 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

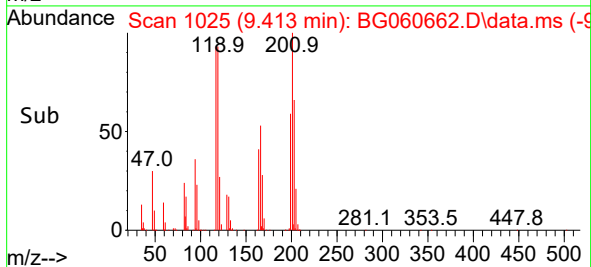
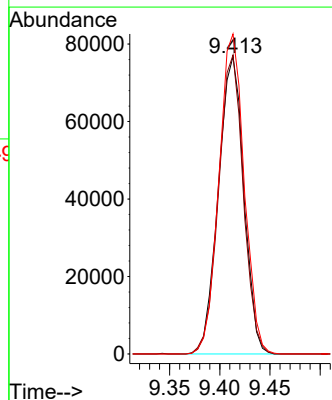
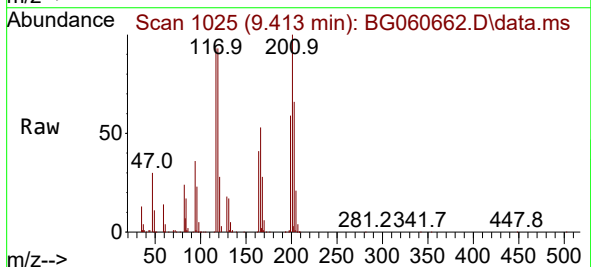
Instrument :
BNA_G
ClientSampleId :
PB159608BS

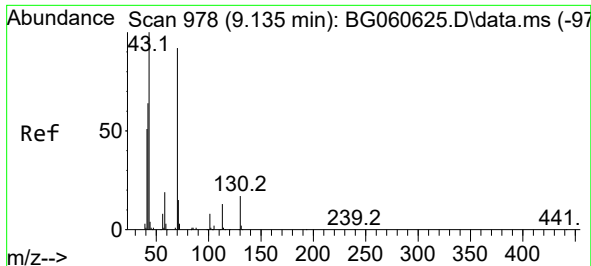
Tgt Ion:	107	Resp:	380556
Ion	Ratio	Lower	Upper
107	100		
108	110.8	87.4	131.2
77	44.7	37.0	55.6
79	44.0	36.4	54.6



#18
Hexachloroethane
Concen: 46.894 ng
RT: 9.413 min Scan# 1025
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:	117	Resp:	135132
Ion	Ratio	Lower	Upper
117	100		
119	100.5	76.7	115.1
201	107.6	83.0	124.6

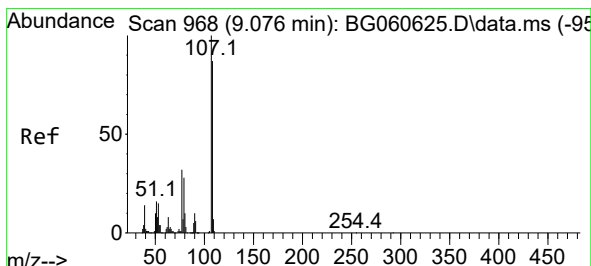
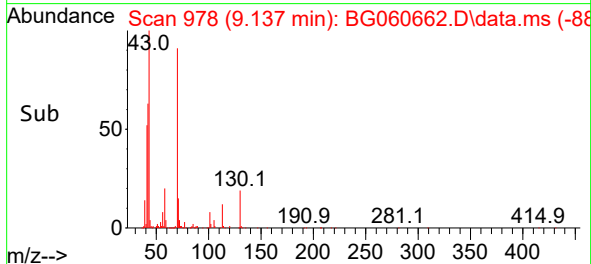
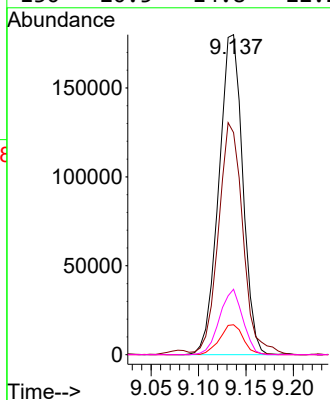
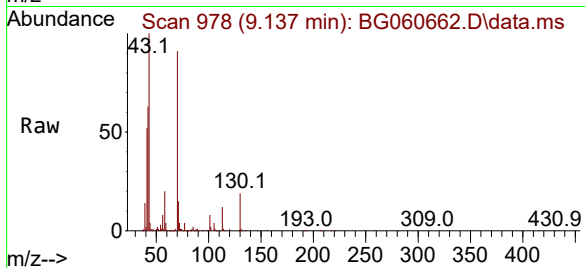




#19
n-Nitroso-di-n-propylamine
Concen: 44.524 ng
RT: 9.137 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

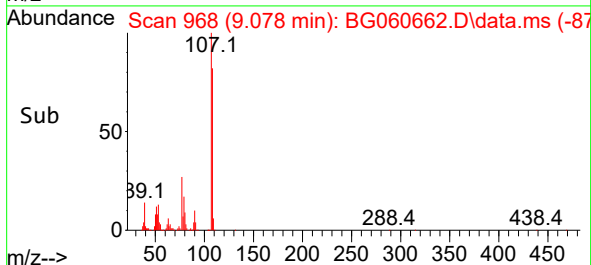
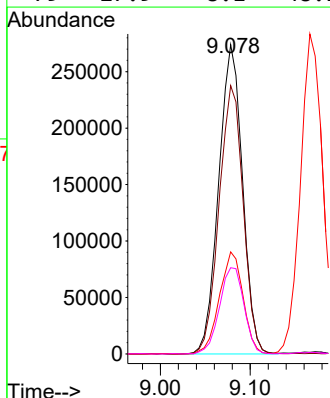
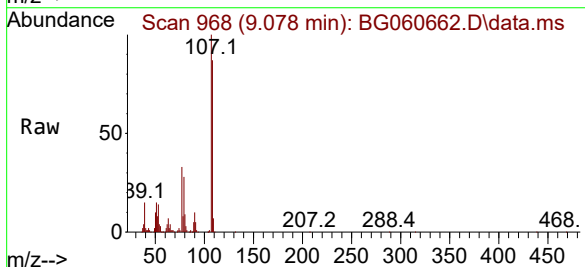
Instrument :
BNA_G
ClientSampleId :
PB159608BS

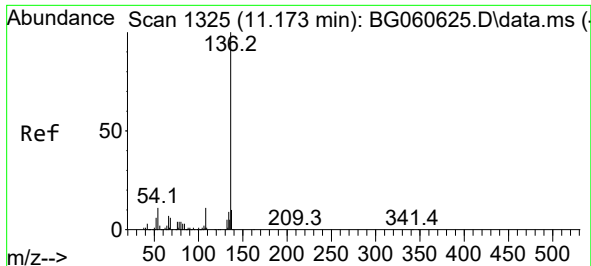
Tgt Ion: 70 Resp: 316049
Ion Ratio Lower Upper
70 100
42 69.4 56.2 84.2
101 9.3 7.4 11.0
130 20.5 14.8 22.2



#20
3+4-Methylphenols
Concen: 47.347 ng
RT: 9.078 min Scan# 968
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion: 107 Resp: 503831
Ion Ratio Lower Upper
107 100
108 86.7 66.8 106.8
77 33.0 12.4 52.4
79 27.9 8.1 48.1

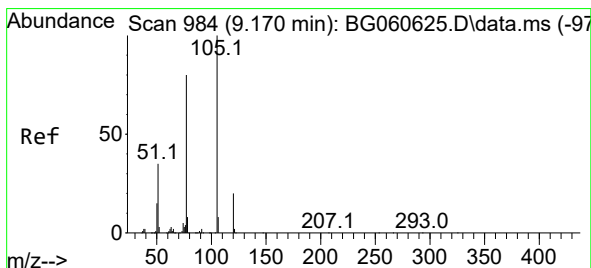
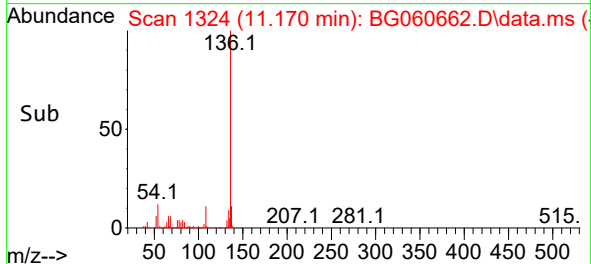
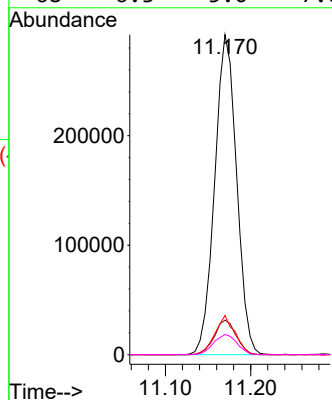
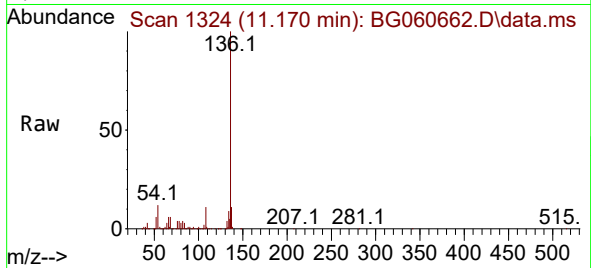




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.170 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

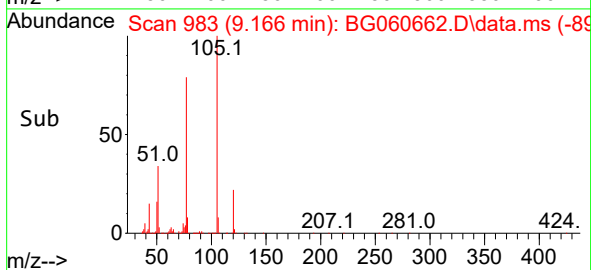
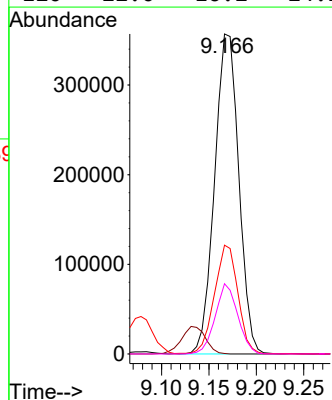
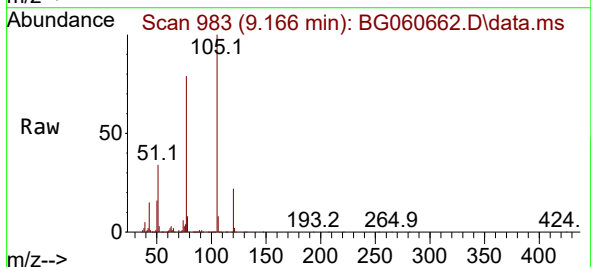
Instrument :
BNA_G
ClientSampleId :
PB159608BS

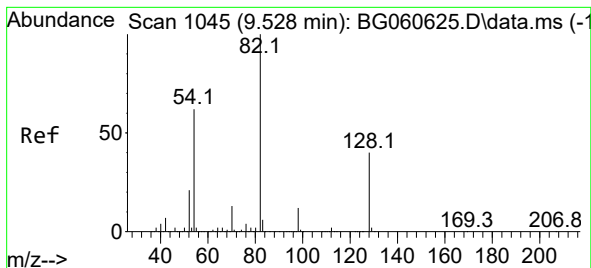
Tgt Ion:136 Resp: 521823
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 12.2 8.5 12.7
68 6.3 5.0 7.6



#22
Acetophenone
Concen: 45.272 ng
RT: 9.166 min Scan# 983
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:105 Resp: 633370
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 34.0 28.0 42.0
120 22.0 16.2 24.2





#23

Nitrobenzene-d5

Concen: 90.371 ng

RT: 9.525 min Scan# 1044

Delta R.T. -0.004 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS

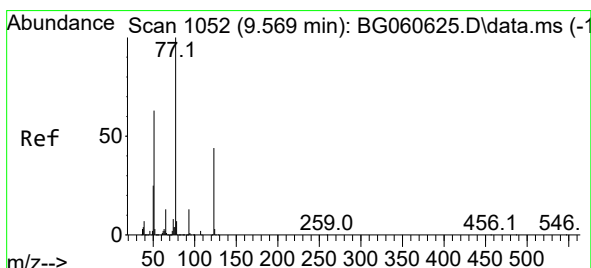
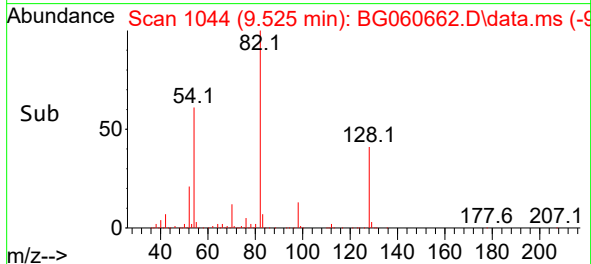
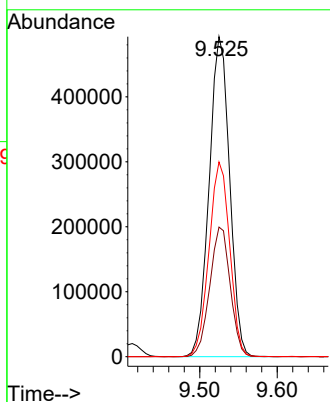
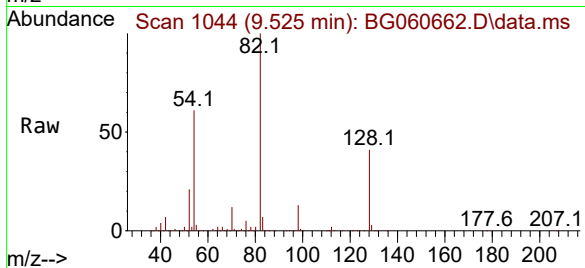
Tgt Ion: 82 Resp: 906122

Ion Ratio Lower Upper

82 100

128 40.5 31.6 47.4

54 60.9 49.3 73.9



#24

Nitrobenzene

Concen: 46.264 ng

RT: 9.572 min Scan# 1052

Delta R.T. 0.002 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

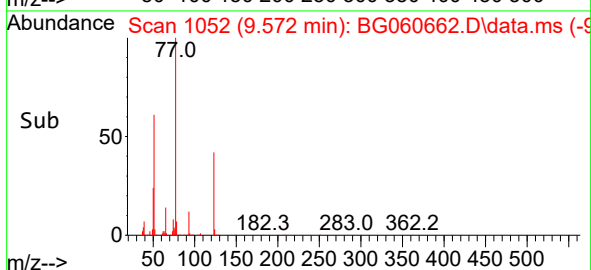
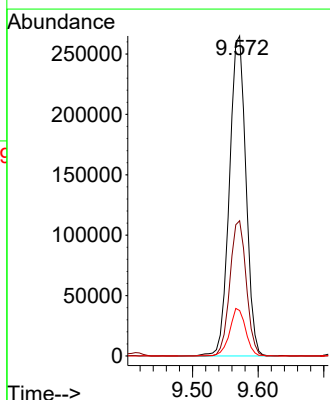
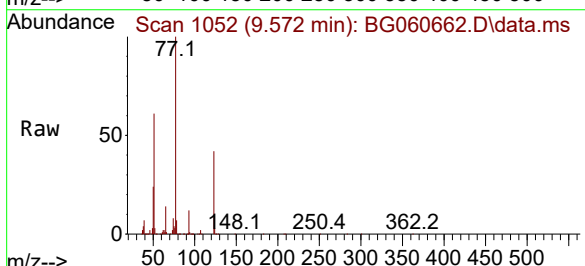
Tgt Ion: 77 Resp: 463754

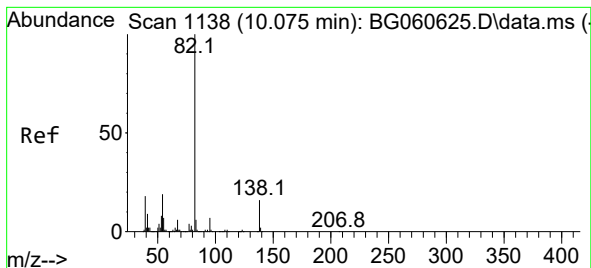
Ion Ratio Lower Upper

77 100

123 42.3 34.8 52.2

65 14.2 10.6 15.8





#25

Isophorone

Concen: 45.871 ng

RT: 10.077 min Scan# 1138

Delta R.T. 0.002 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS

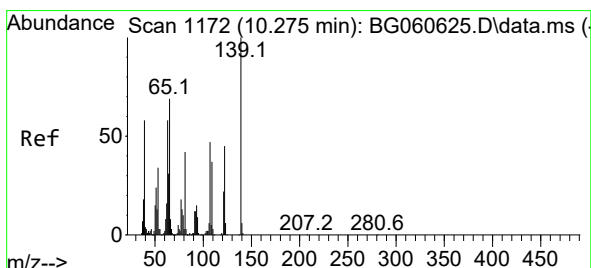
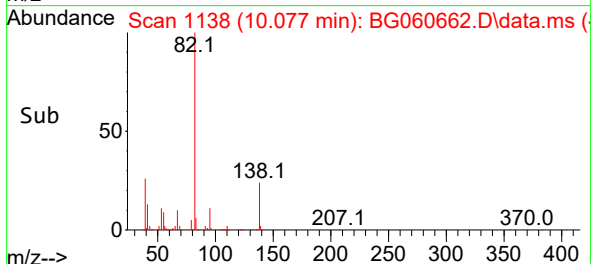
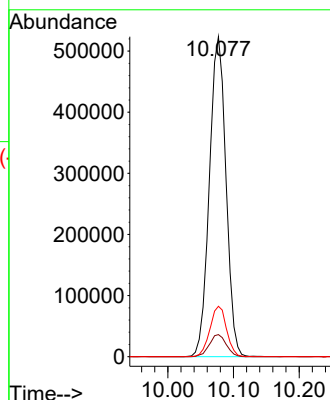
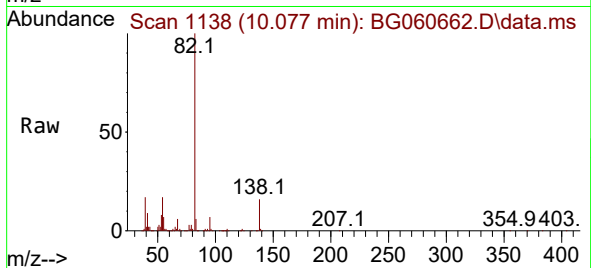
Tgt Ion: 82 Resp: 920536

Ion Ratio Lower Upper

82 100

95 6.9 6.0 9.0

138 15.7 13.0 19.6



#26

2-Nitrophenol

Concen: 49.865 ng

RT: 10.277 min Scan# 1172

Delta R.T. 0.002 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

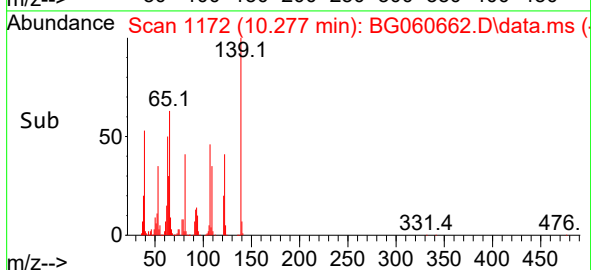
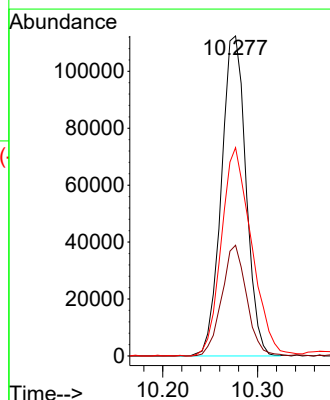
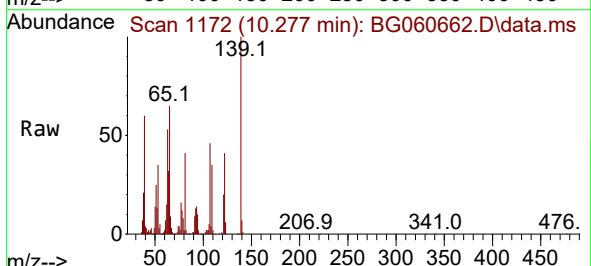
Tgt Ion:139 Resp: 202851

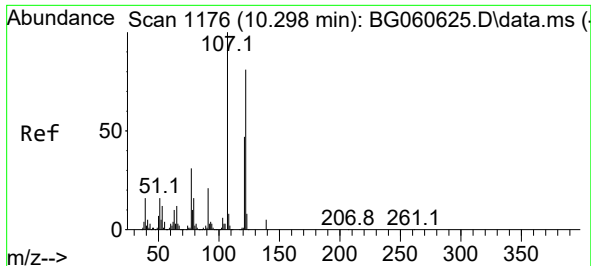
Ion Ratio Lower Upper

139 100

109 34.6 29.5 44.3

65 65.1 55.0 82.4

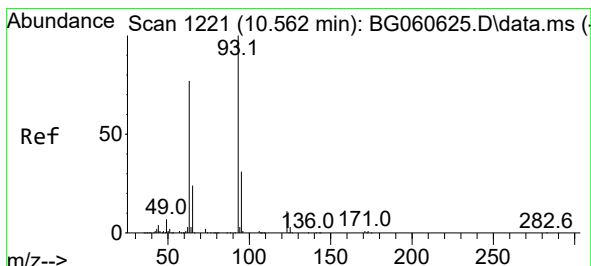
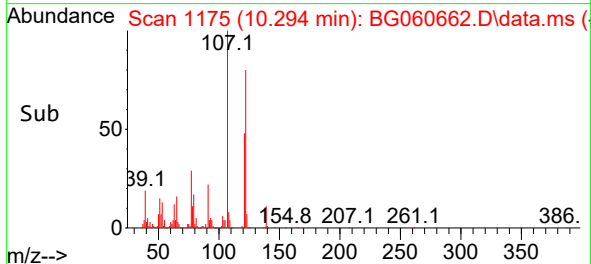
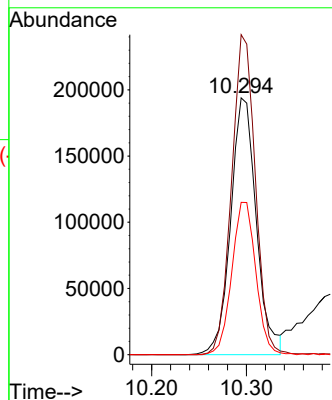
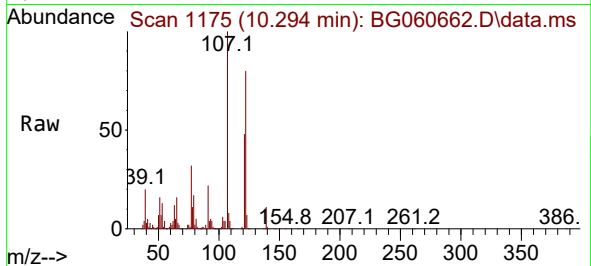




#27
2,4-Dimethylphenol
Concen: 40.983 ng
RT: 10.294 min Scan# 1175
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

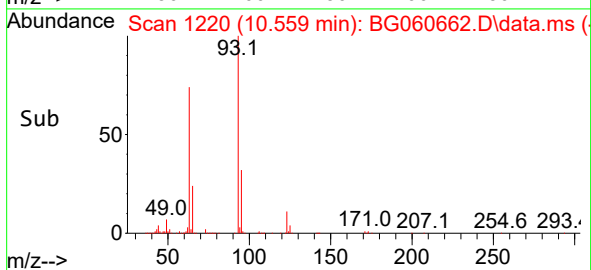
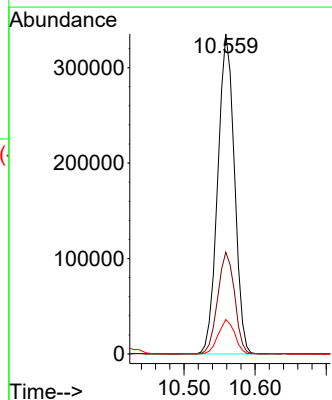
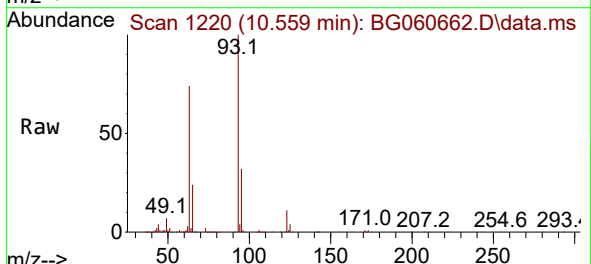
Instrument :
BNA_G
ClientSampleId :
PB159608BS

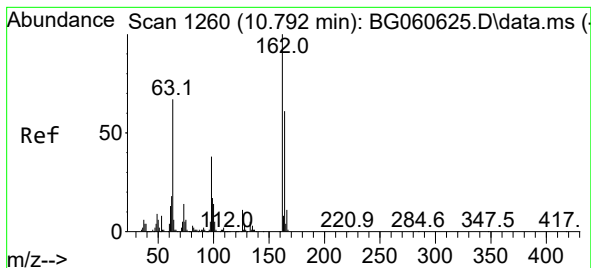
Tgt Ion:122 Resp: 364017
Ion Ratio Lower Upper
122 100
107 124.6 99.3 148.9
121 59.4 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 45.320 ng
RT: 10.559 min Scan# 1220
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion: 93 Resp: 545229
Ion Ratio Lower Upper
93 100
95 31.8 25.1 37.7
123 10.7 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 49.859 ng

RT: 10.794 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG060662.D

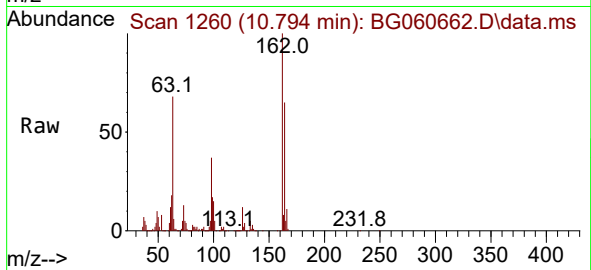
Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS



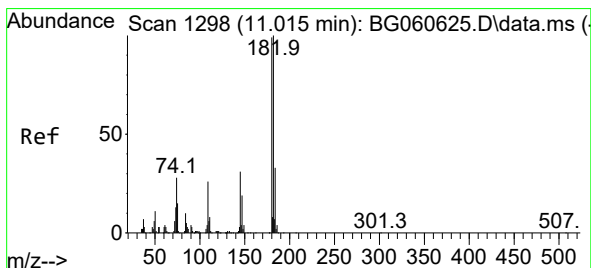
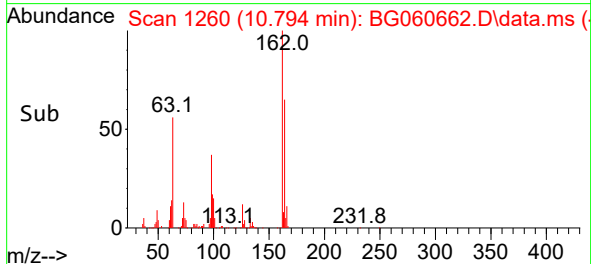
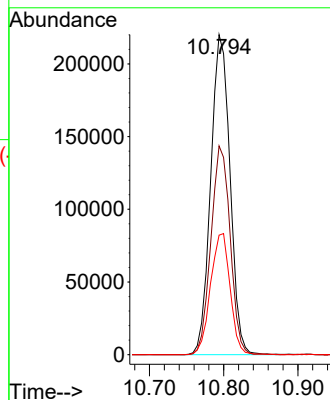
Tgt Ion:162 Resp: 397464

Ion Ratio Lower Upper

162 100

164 65.3 41.0 81.0

98 37.3 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 46.478 ng

RT: 11.017 min Scan# 1298

Delta R.T. 0.002 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

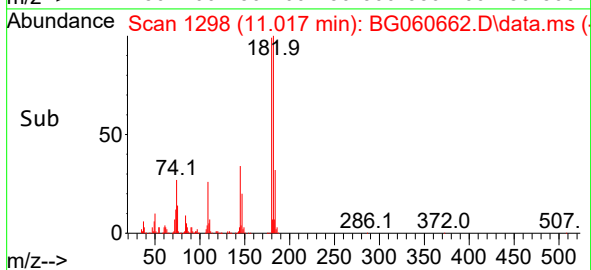
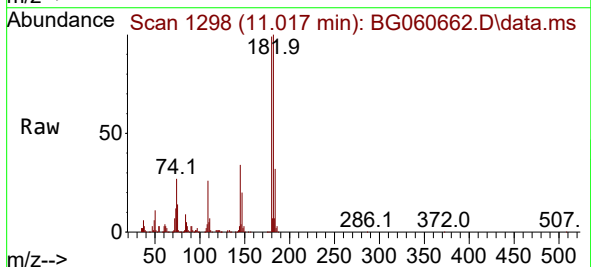
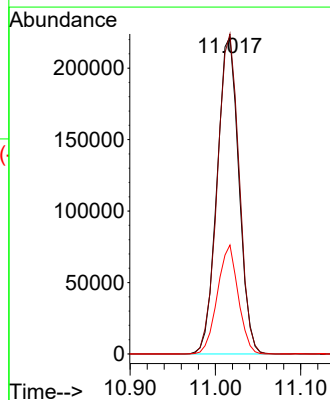
Tgt Ion:180 Resp: 393405

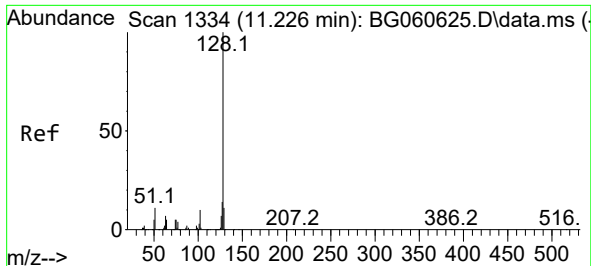
Ion Ratio Lower Upper

180 100

182 101.0 80.7 121.1

145 34.4 25.4 38.2

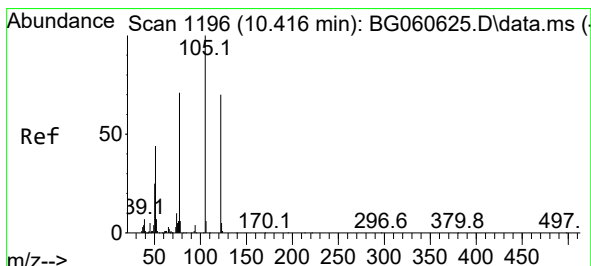
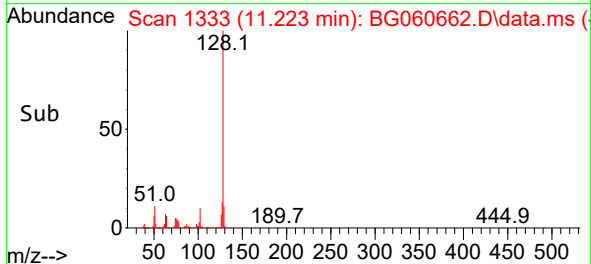
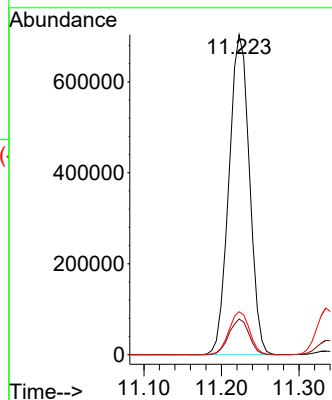
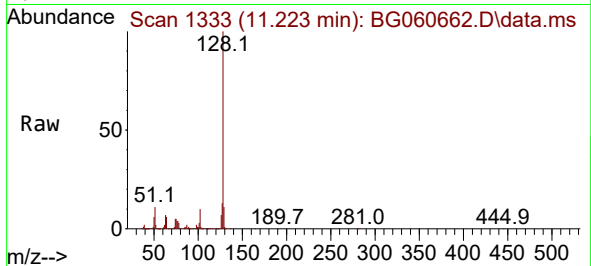




#31
Naphthalene
Concen: 44.414 ng
RT: 11.223 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

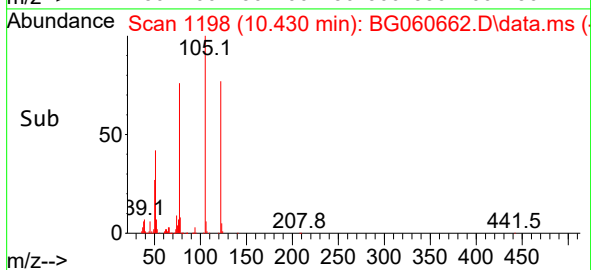
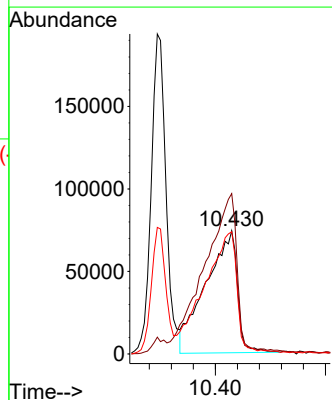
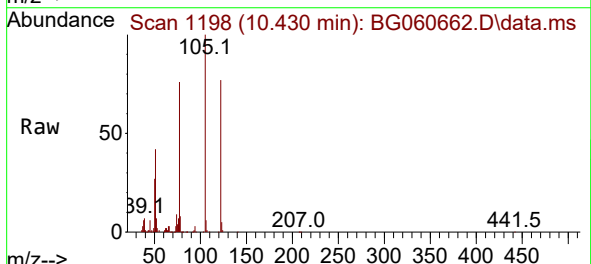
Instrument :
BNA_G
ClientSampleId :
PB159608BS

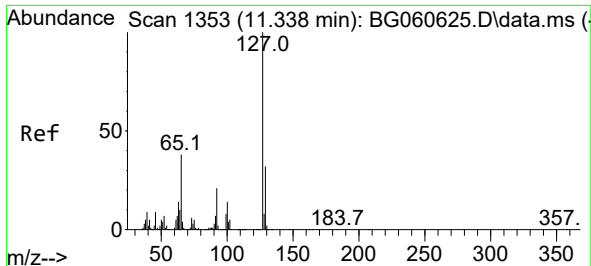
Tgt Ion:128 Resp: 1294505
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.4 11.0 16.4



#32
Benzoic acid
Concen: 49.935 ng
RT: 10.430 min Scan# 1198
Delta R.T. 0.014 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:122 Resp: 293087
Ion Ratio Lower Upper
122 100
105 130.1 115.0 155.0
77 99.2 79.0 119.0

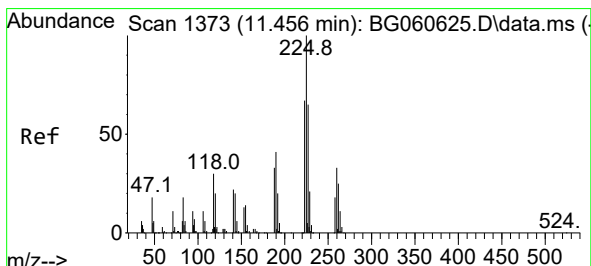
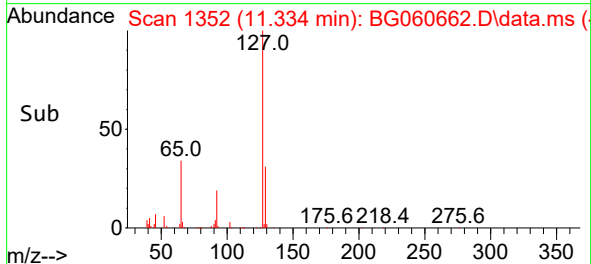
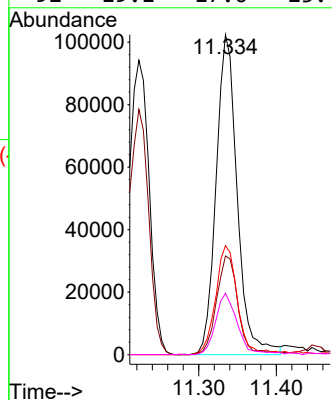
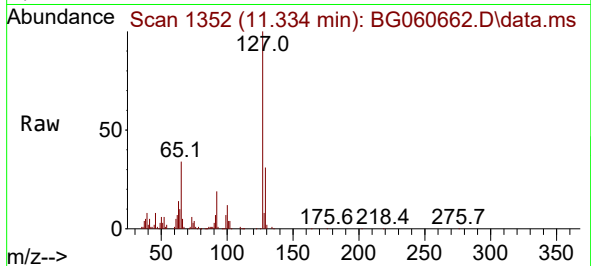




#33
4-Chloroaniline
Concen: 15.743 ng
RT: 11.334 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

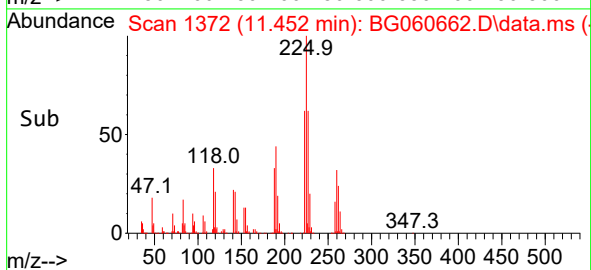
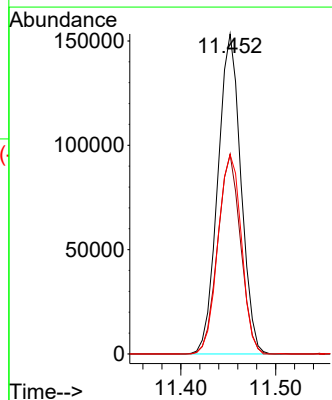
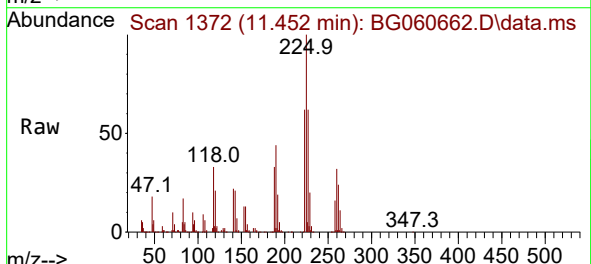
Instrument :
BNA_G
ClientSampleId :
PB159608BS

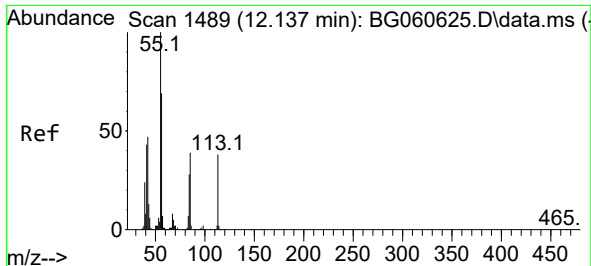
Tgt Ion:	127	Resp:	193494
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.6	38.4
65	34.1	30.2	45.4
92	19.1	17.0	25.4



#34
Hexachlorobutadiene
Concen: 44.970 ng
RT: 11.452 min Scan# 1372
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:	225	Resp:	259627
Ion	Ratio	Lower	Upper
225	100		
223	62.4	53.5	80.3
227	62.3	52.0	78.0

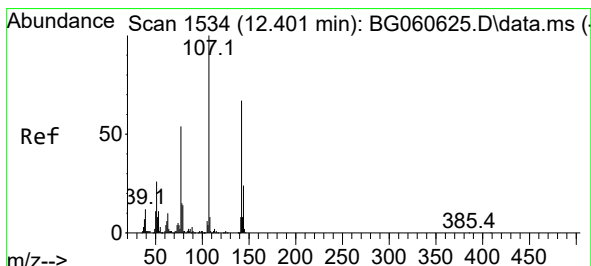
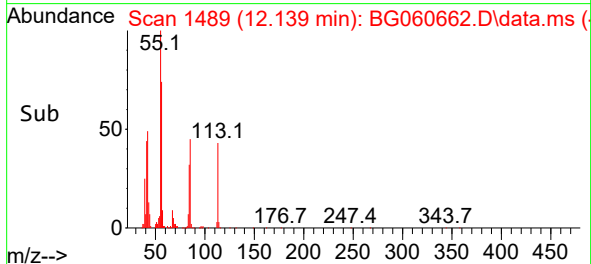
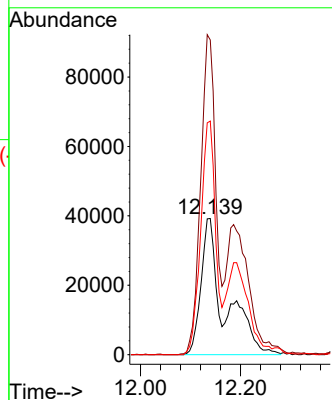
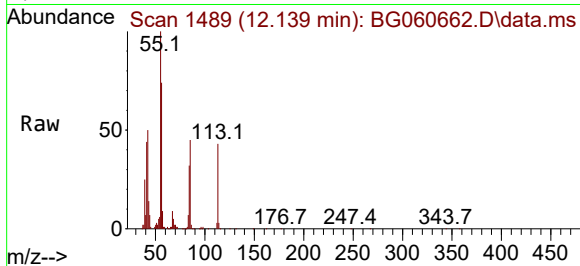




#35
Caprolactam
Concen: 47.751 ng m
RT: 12.139 min Scan# 1489
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

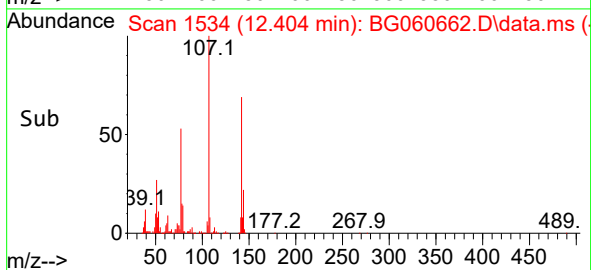
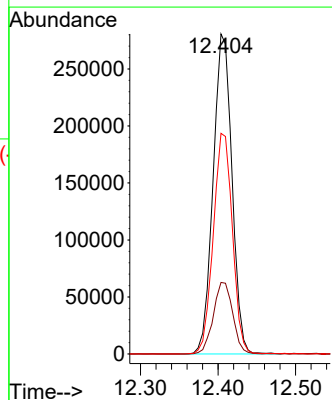
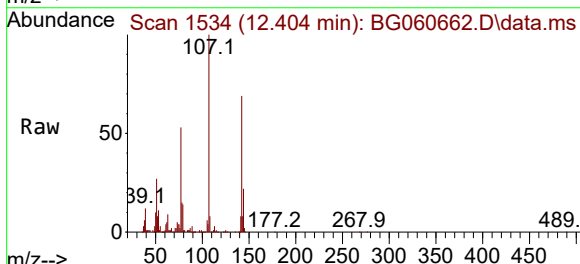
Instrument :
BNA_G
ClientSampleId :
PB159608BS

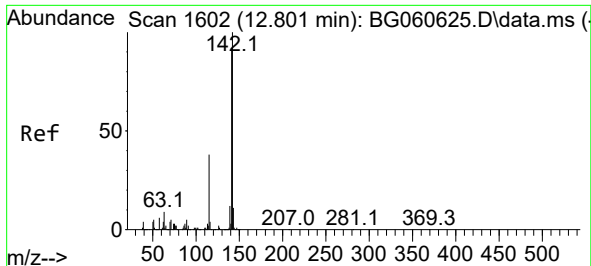
Tgt Ion:113 Resp: 128139
Ion Ratio Lower Upper
113 100
55 231.1 242.3 282.3#
56 171.5 162.1 202.1



#36
4-Chloro-3-methylphenol
Concen: 48.540 ng
RT: 12.404 min Scan# 1534
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:107 Resp: 474201
Ion Ratio Lower Upper
107 100
144 22.3 19.0 28.6
142 69.0 53.7 80.5





#37

2-Methylnaphthalene

Concen: 43.366 ng

RT: 12.803 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS

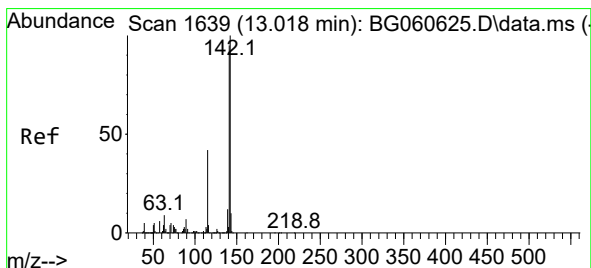
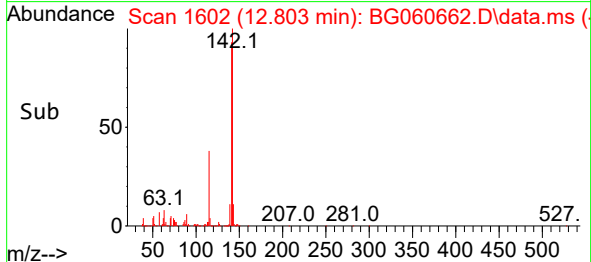
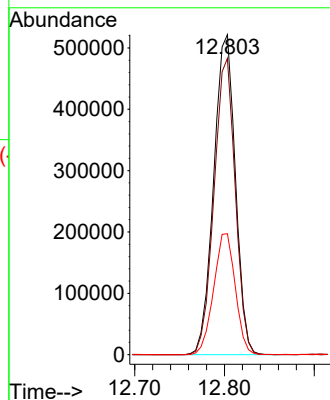
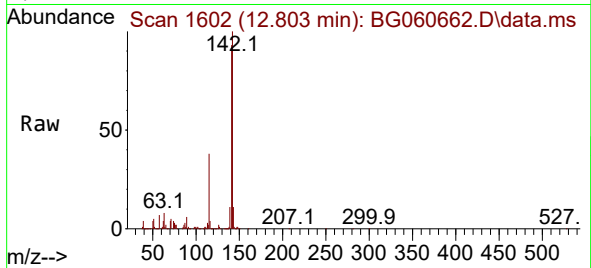
Tgt Ion:142 Resp: 873007

Ion Ratio Lower Upper

142 100

141 92.6 72.7 109.1

115 37.8 30.2 45.2



#38

1-Methylnaphthalene

Concen: 44.047 ng

RT: 13.015 min Scan# 1638

Delta R.T. -0.004 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

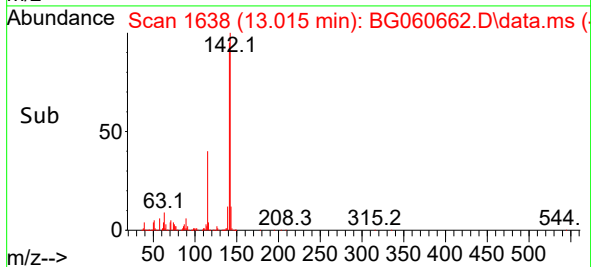
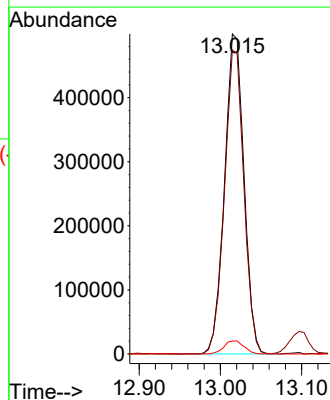
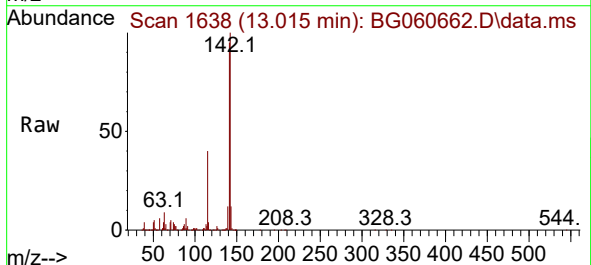
Tgt Ion:142 Resp: 832264

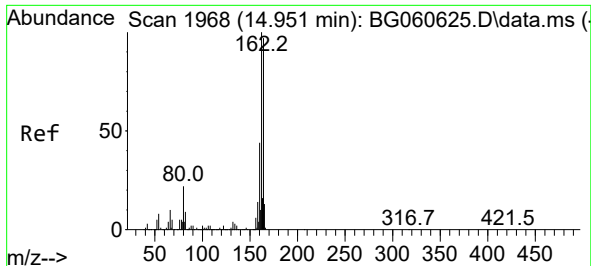
Ion Ratio Lower Upper

142 100

141 95.0 76.3 114.5

116 4.1 3.4 5.2

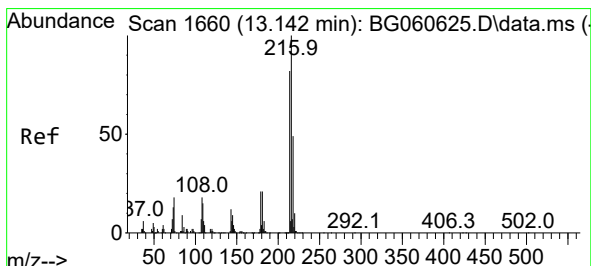
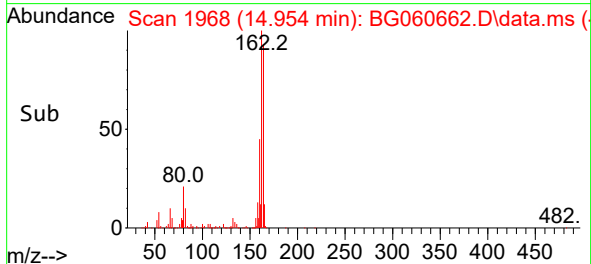
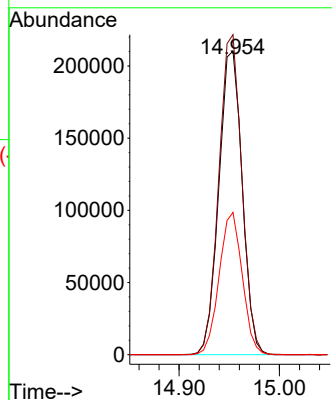
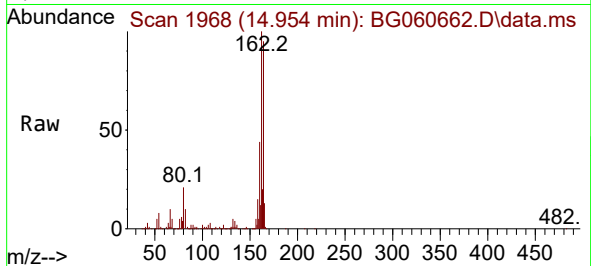




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.954 min Scan# 1968
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

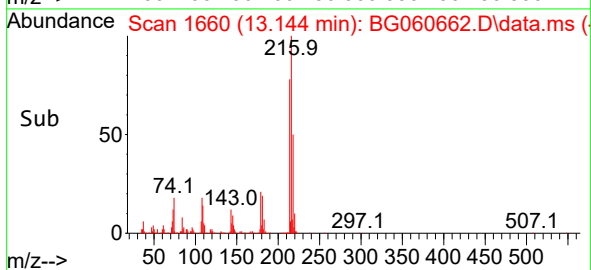
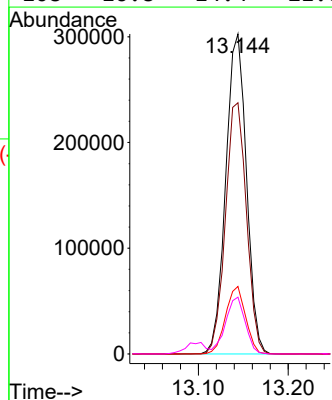
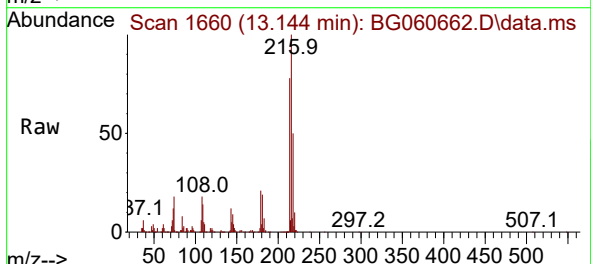
Instrument :
BNA_G
ClientSampleId :
PB159608BS

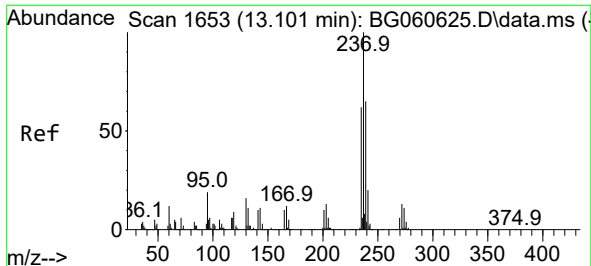
Tgt Ion:164 Resp: 339065
Ion Ratio Lower Upper
164 100
162 105.4 82.5 123.7
160 46.8 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.429 ng
RT: 13.144 min Scan# 1660
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:216 Resp: 483455
Ion Ratio Lower Upper
216 100
214 79.8 63.5 95.3
179 20.4 16.4 24.6
108 16.8 14.4 21.6

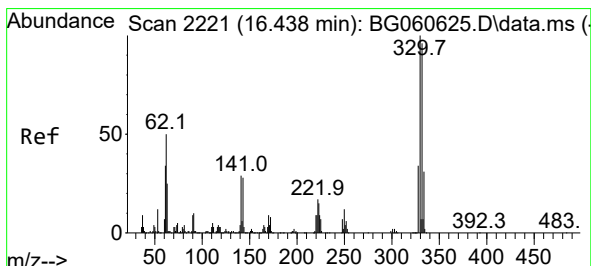
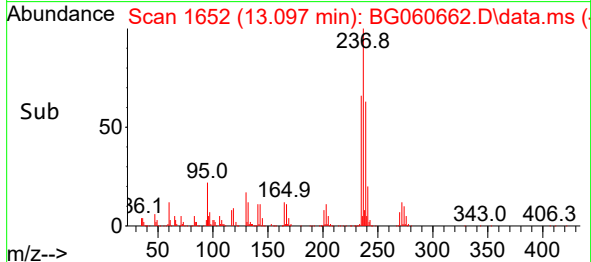
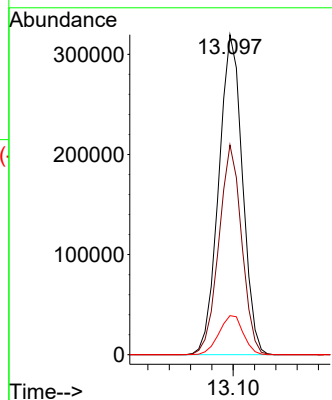
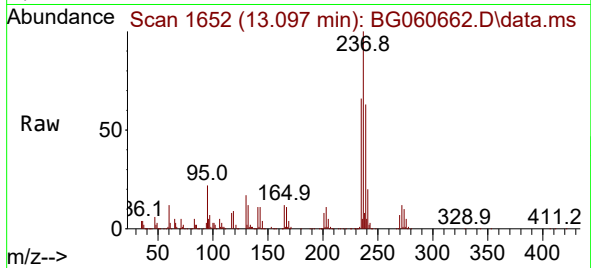




#41
Hexachlorocyclopentadiene
Concen: 96.251 ng
RT: 13.097 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

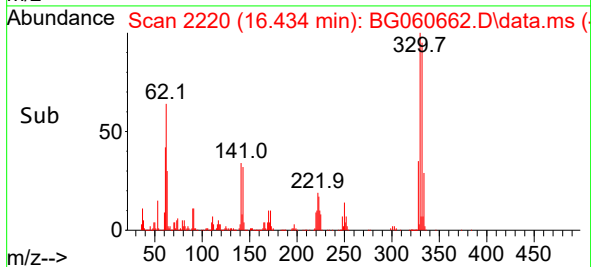
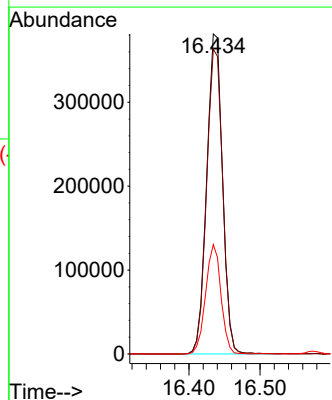
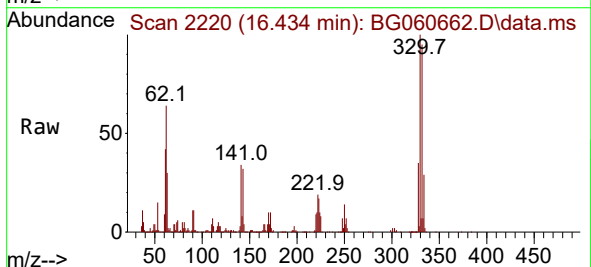
Instrument :
BNA_G
ClientSampleId :
PB159608BS

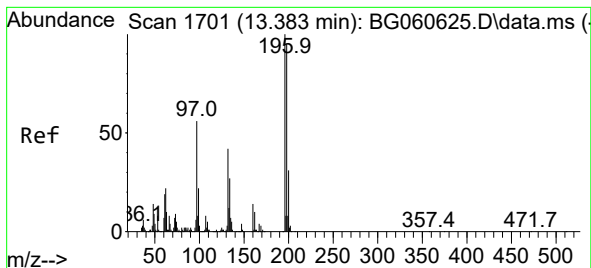
Tgt Ion:237 Resp: 492857
Ion Ratio Lower Upper
237 100
235 65.6 41.6 81.6
272 12.2 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 150.926 ng
RT: 16.434 min Scan# 2220
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:330 Resp: 592996
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 33.1 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 50.280 ng

RT: 13.385 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS

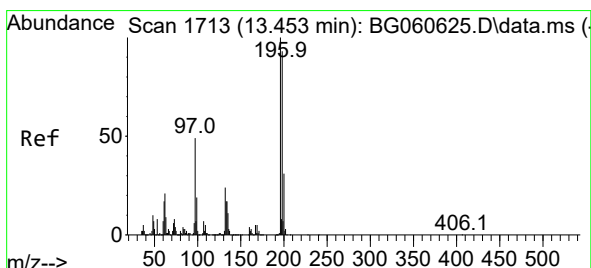
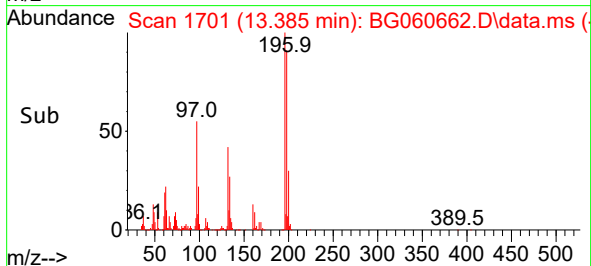
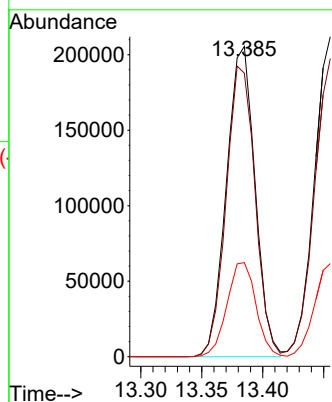
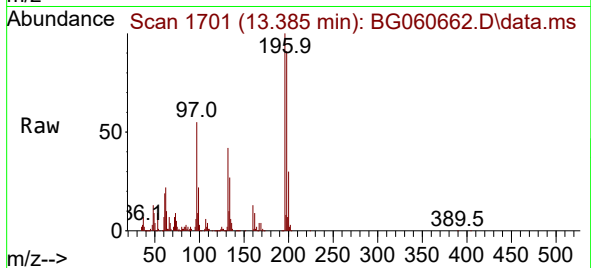
Tgt Ion:196 Resp: 336174

Ion Ratio Lower Upper

196 100

198 91.4 76.2 114.2

200 30.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 45.115 ng

RT: 13.455 min Scan# 1713

Delta R.T. 0.002 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Tgt Ion:196 Resp: 356836

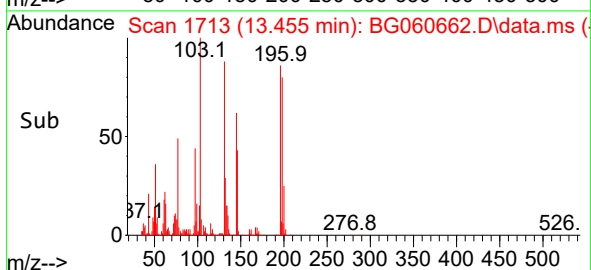
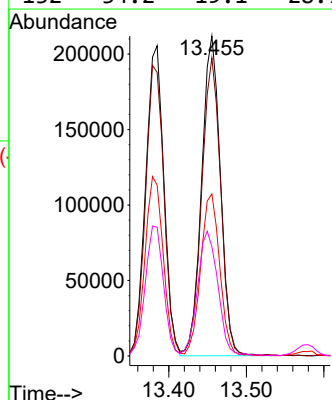
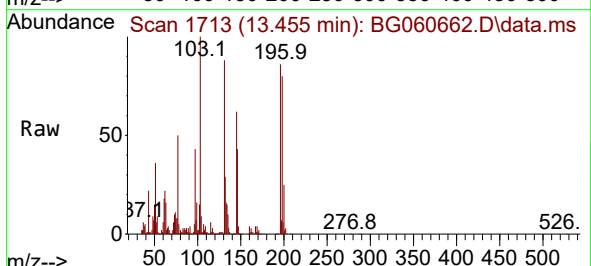
Ion Ratio Lower Upper

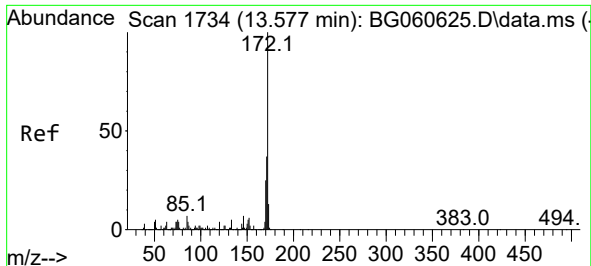
196 100

198 93.1 74.6 112.0

97 50.6 39.3 58.9

132 34.2 19.1 28.7#

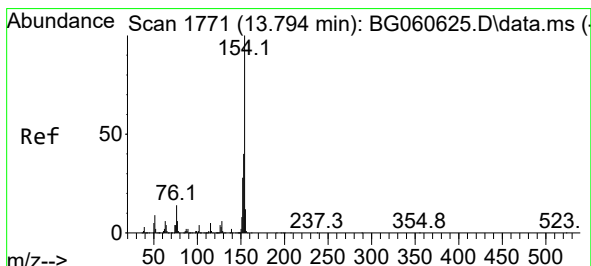
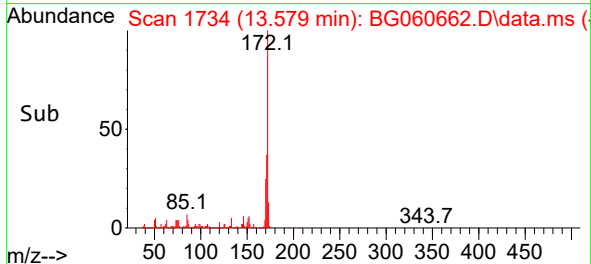
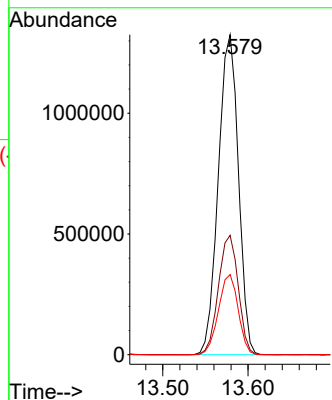
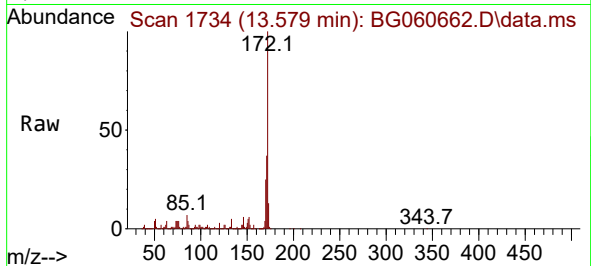




#45
2-Fluorobiphenyl
Concen: 86.480 ng
RT: 13.579 min Scan# 1734
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

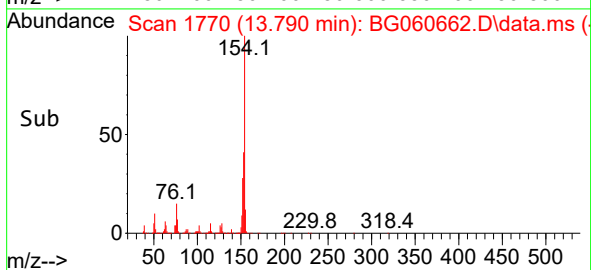
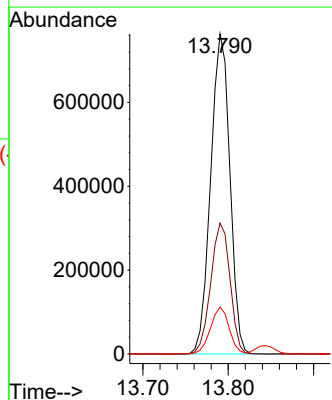
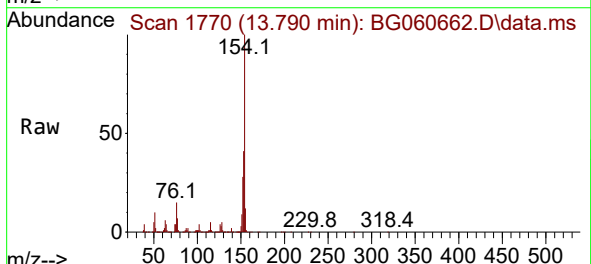
Instrument :
BNA_G
ClientSampleId :
PB159608BS

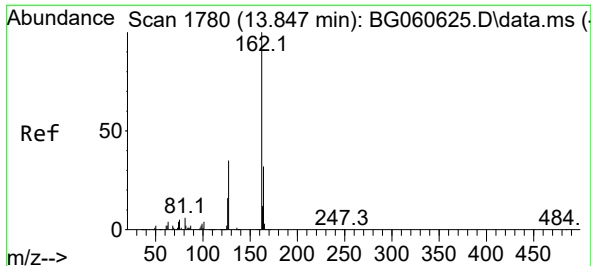
Tgt Ion:172 Resp: 2168735
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 25.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 46.230 ng
RT: 13.790 min Scan# 1770
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:154 Resp: 1191481
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 14.7 0.0 34.3

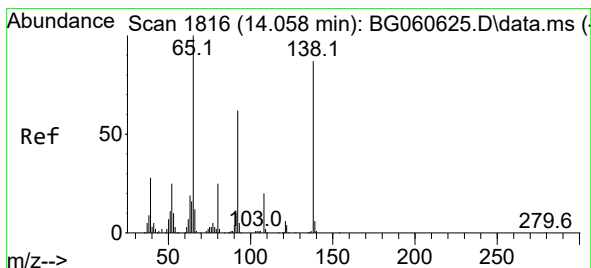
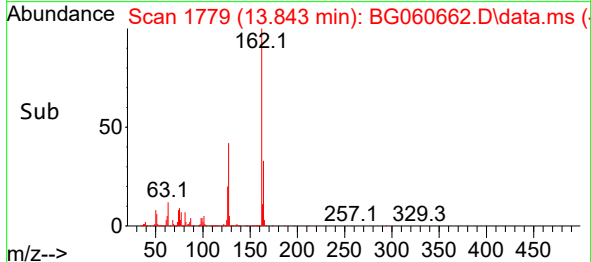
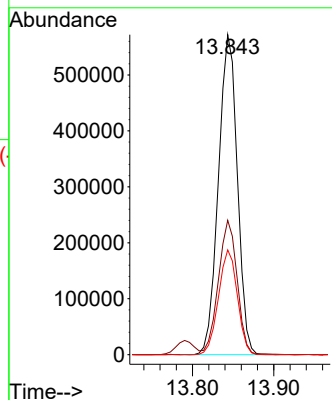
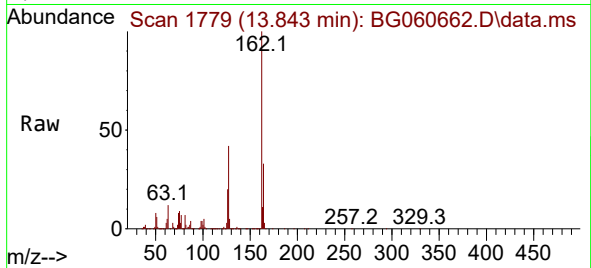




#47
2-Chloronaphthalene
Concen: 47.591 ng
RT: 13.843 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

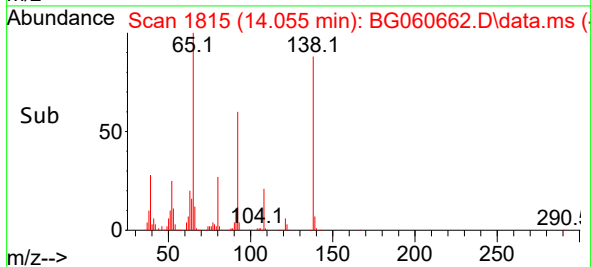
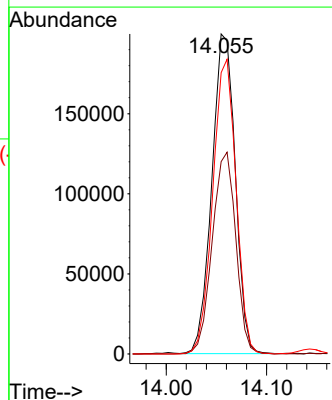
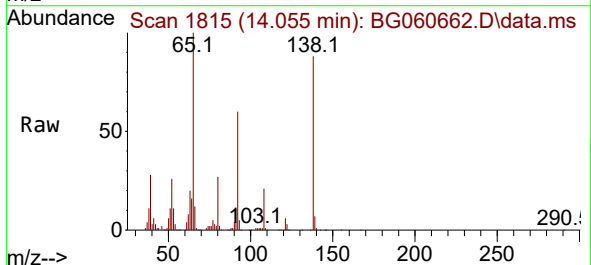
Instrument :
BNA_G
ClientSampleId :
PB159608BS

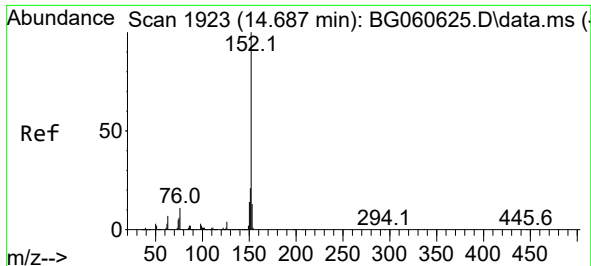
Tgt Ion:162 Resp: 925680
Ion Ratio Lower Upper
162 100
127 42.0 30.8 46.2
164 32.7 25.8 38.6



#48
2-Nitroaniline
Concen: 50.322 ng
RT: 14.055 min Scan# 1815
Delta R.T. -0.003 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion: 65 Resp: 323049
Ion Ratio Lower Upper
65 100
92 60.1 49.8 74.6
138 87.9 69.8 104.8

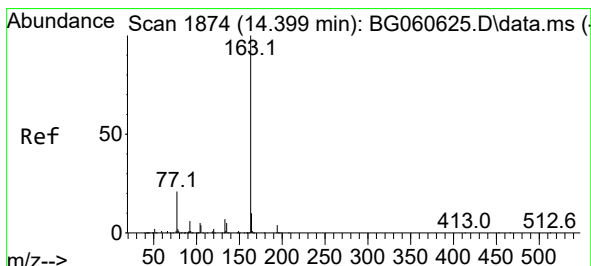
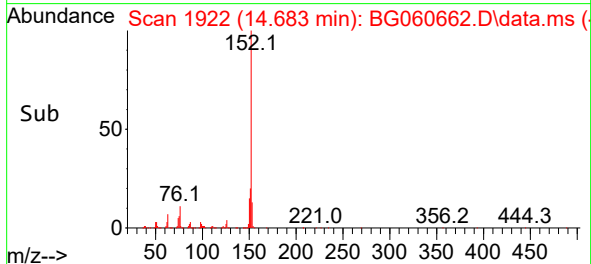
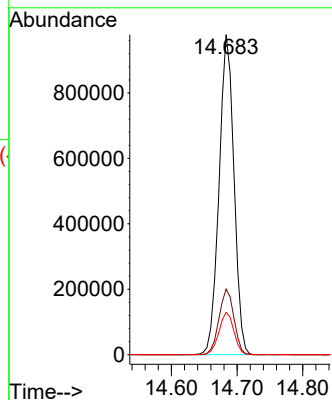
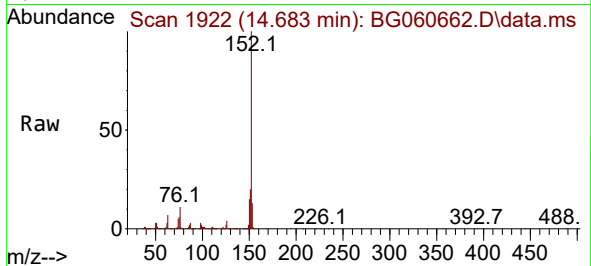




#49
Acenaphthylene
Concen: 48.435 ng
RT: 14.683 min Scan# 1922
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

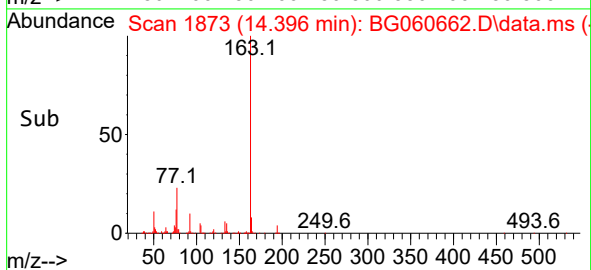
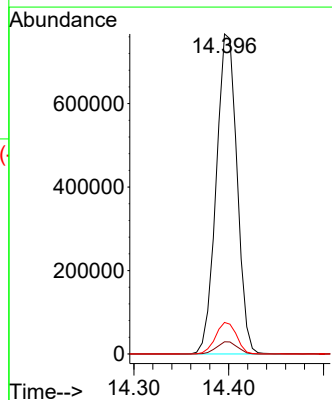
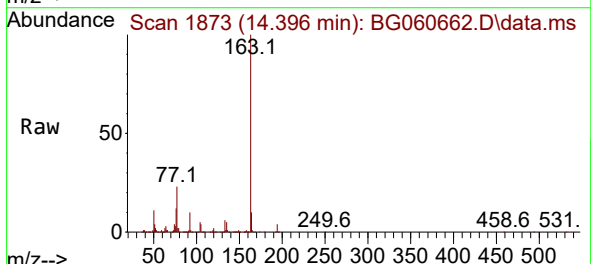
Instrument :
BNA_G
ClientSampleId :
PB159608BS

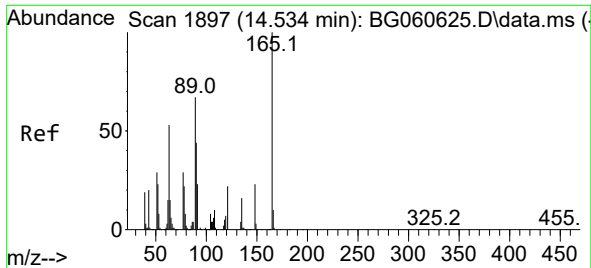
Tgt Ion:152 Resp: 1534722
Ion Ratio Lower Upper
152 100
151 20.5 17.1 25.7
153 13.2 10.3 15.5



#50
Dimethylphthalate
Concen: 46.005 ng
RT: 14.396 min Scan# 1873
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:163 Resp: 1169880
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.9 7.6 11.4

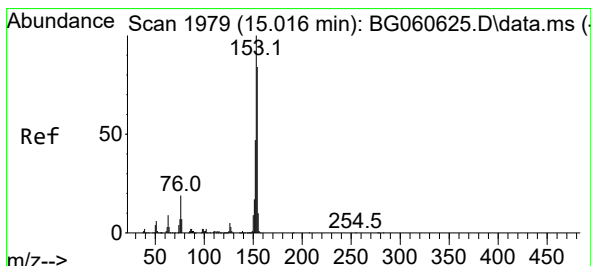
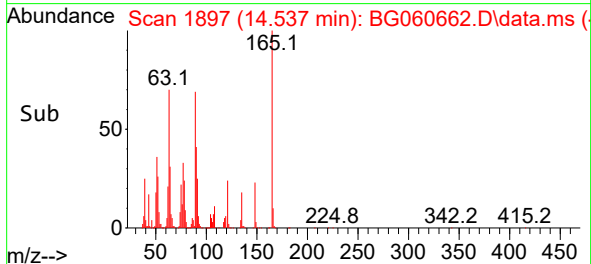
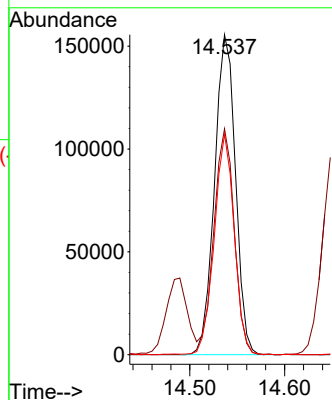
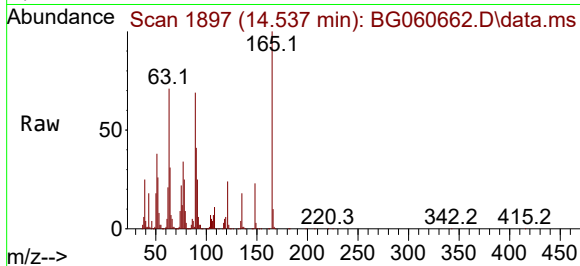




#51
2,6-Dinitrotoluene
Concen: 50.866 ng
RT: 14.537 min Scan# 1897
Delta R.T. 0.003 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

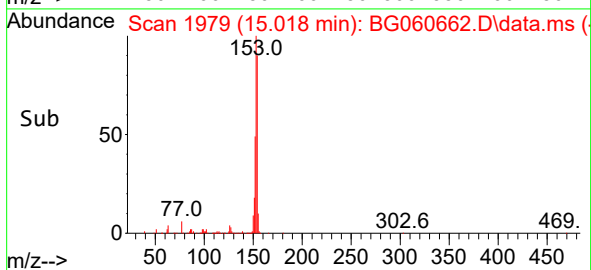
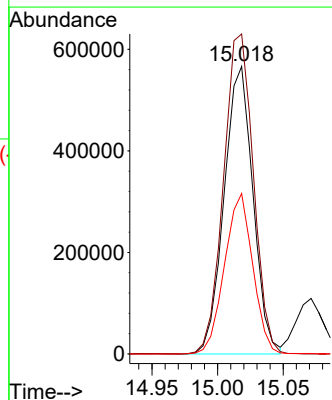
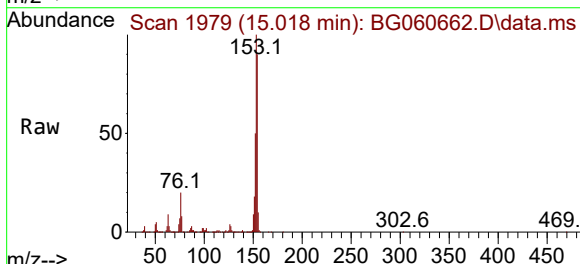
Instrument :
BNA_G
ClientSampleId :
PB159608BS

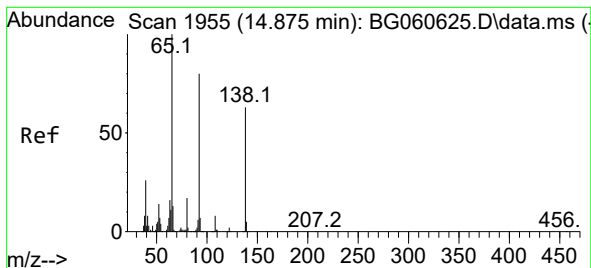
Tgt Ion:165 Resp: 238341
Ion Ratio Lower Upper
165 100
63 70.6 55.8 83.6
89 68.9 54.1 81.1



#52
Acenaphthene
Concen: 45.813 ng
RT: 15.018 min Scan# 1979
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:154 Resp: 867459
Ion Ratio Lower Upper
154 100
153 111.3 94.8 142.2
152 55.8 44.8 67.2

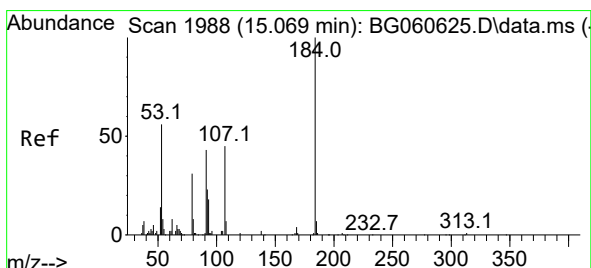
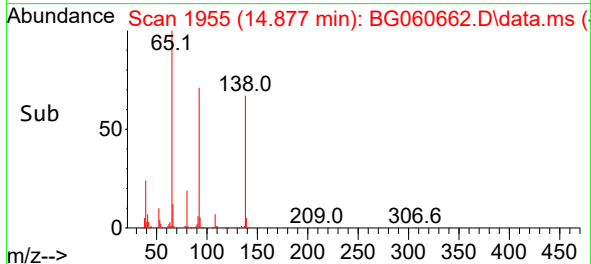
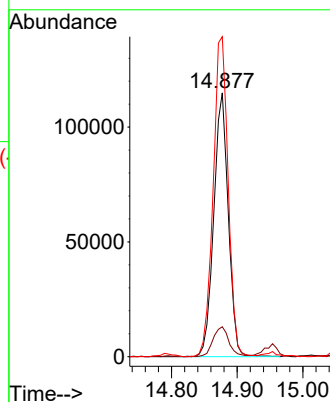
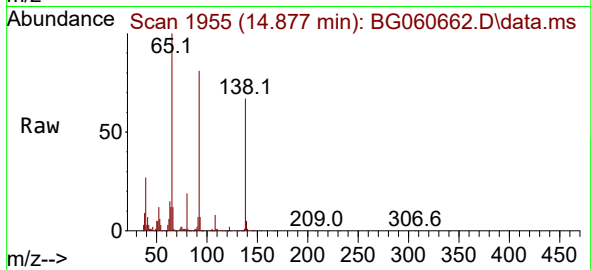




#53
3-Nitroaniline
Concen: 32.838 ng
RT: 14.877 min Scan# 1955
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

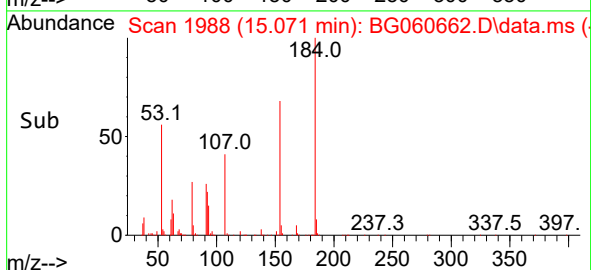
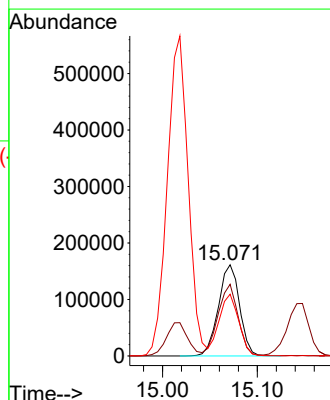
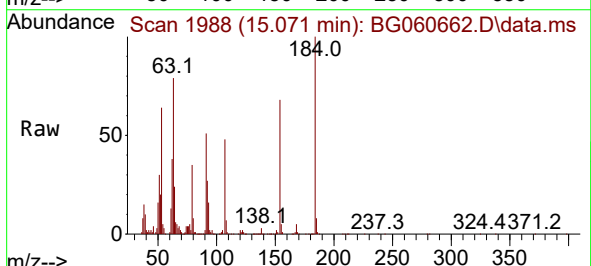
Instrument :
BNA_G
ClientSampleId :
PB159608BS

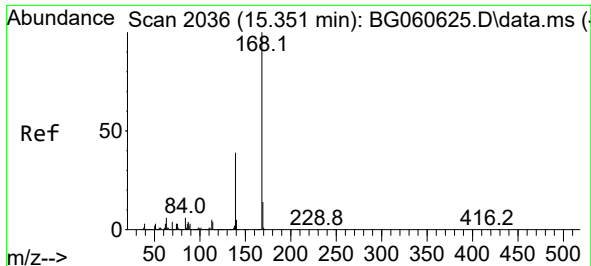
Tgt Ion:138 Resp: 177164
Ion Ratio Lower Upper
138 100
108 11.4 9.8 14.8
92 121.3 101.0 151.6



#54
2,4-Dinitrophenol
Concen: 102.411 ng
RT: 15.071 min Scan# 1988
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:184 Resp: 250692
Ion Ratio Lower Upper
184 100
63 78.6 54.4 81.6
154 67.7 50.4 75.6

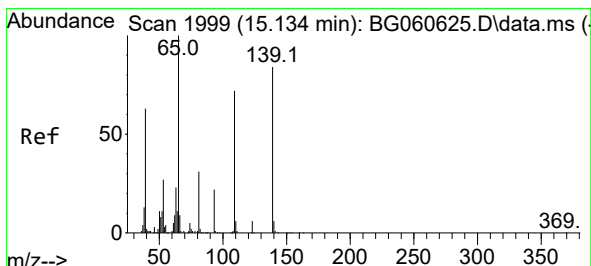
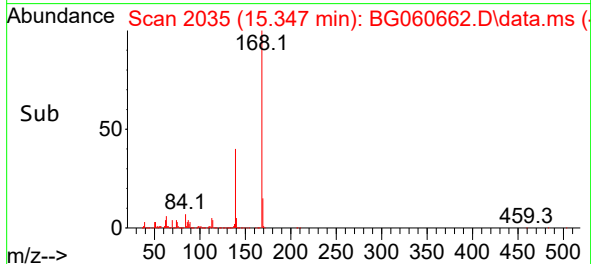
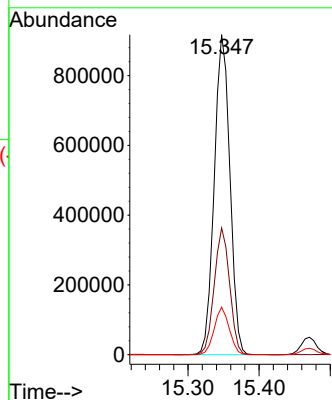
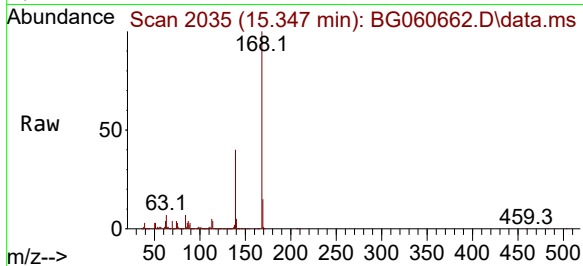




#55
Dibenzenofuran
Concen: 45.594 ng
RT: 15.347 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

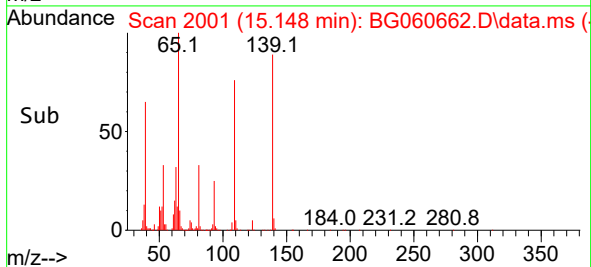
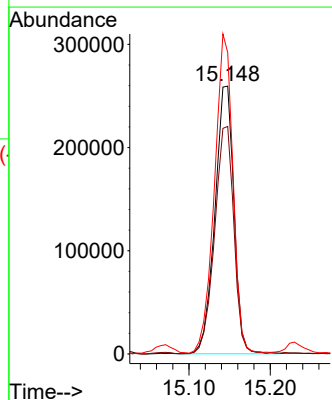
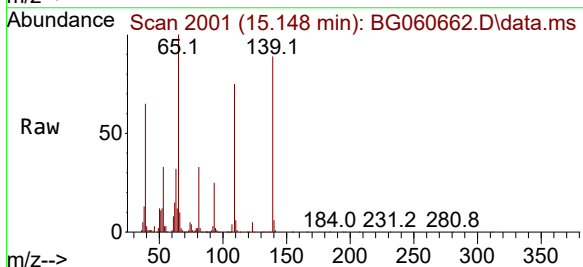
Instrument :
BNA_G
ClientSampleId :
PB159608BS

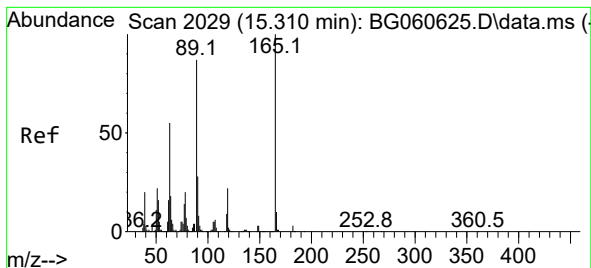
Tgt Ion:168 Resp: 1397835
Ion Ratio Lower Upper
168 100
139 39.6 30.9 46.3
169 14.9 10.9 16.3



#56
4-Nitrophenol
Concen: 104.925 ng
RT: 15.148 min Scan# 2001
Delta R.T. 0.014 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:139 Resp: 422405
Ion Ratio Lower Upper
139 100
109 84.9 66.1 106.1
65 112.5 99.7 139.7





#57

2,4-Dinitrotoluene

Concen: 54.440 ng

RT: 15.312 min Scan# 20

Delta R.T. 0.002 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS

Tgt Ion:165 Resp: 320898

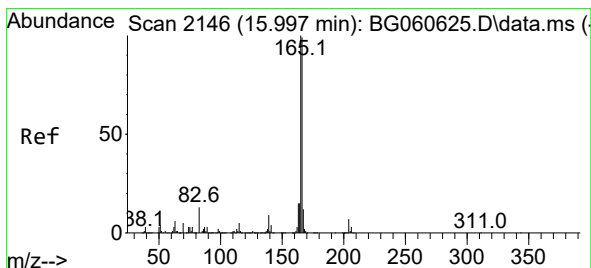
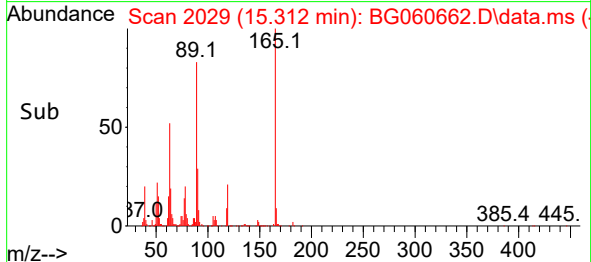
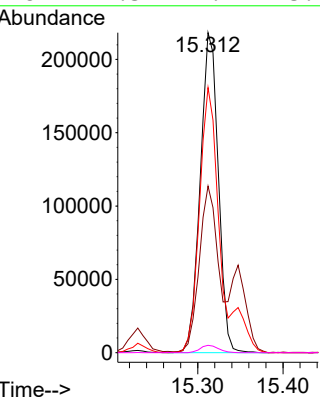
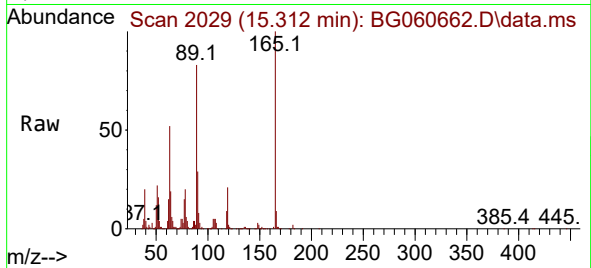
Ion Ratio Lower Upper

165 100

63 52.0 44.1 66.1

89 82.8 69.7 104.5

182 2.3 2.1 3.1



#58

Fluorene

Concen: 45.930 ng

RT: 15.994 min Scan# 2145

Delta R.T. -0.004 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

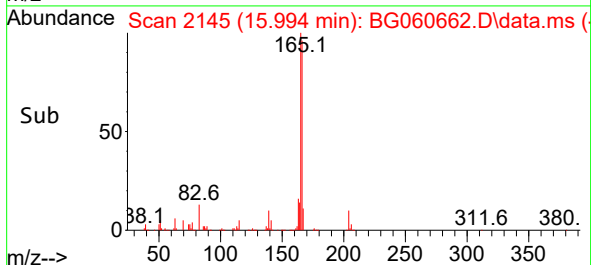
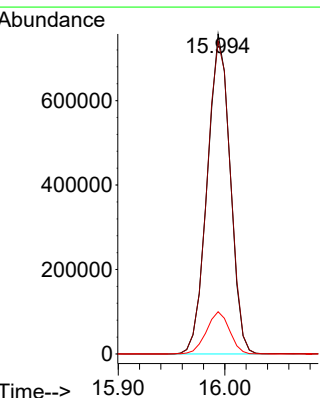
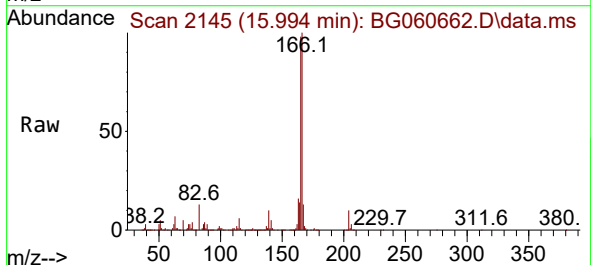
Tgt Ion:166 Resp: 1126613

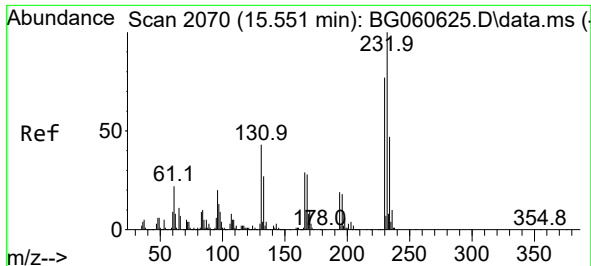
Ion Ratio Lower Upper

166 100

165 97.7 80.5 120.7

167 13.2 9.9 14.9



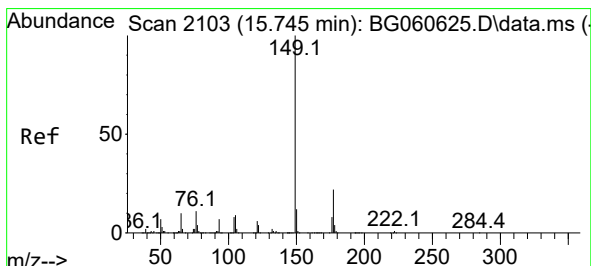
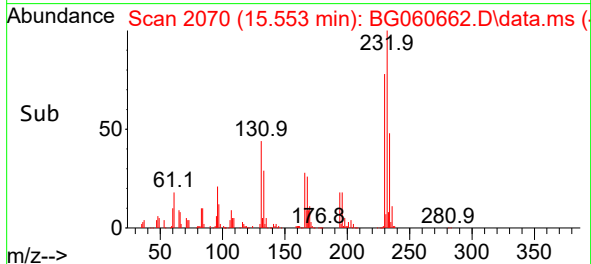
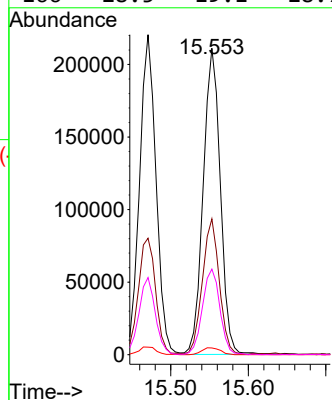
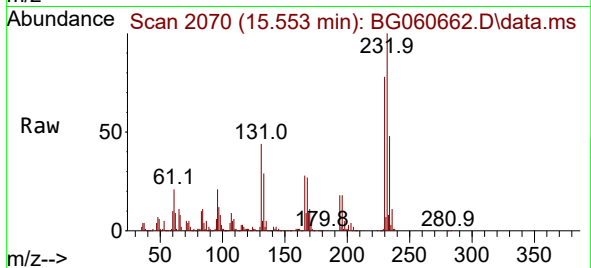


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.029 ng
RT: 15.553 min Scan# 2070
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Instrument :
BNA_G
ClientSampleId :
PB159608BS

Tgt Ion:232 Resp: 323393

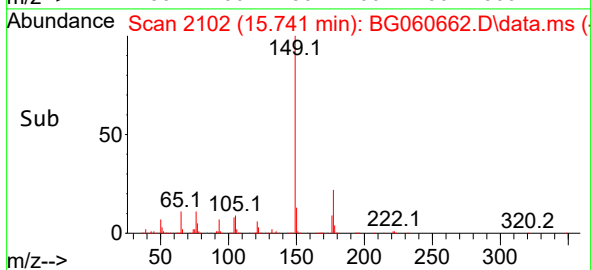
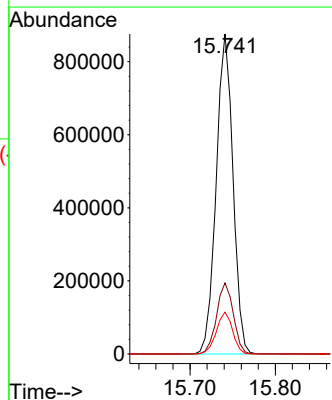
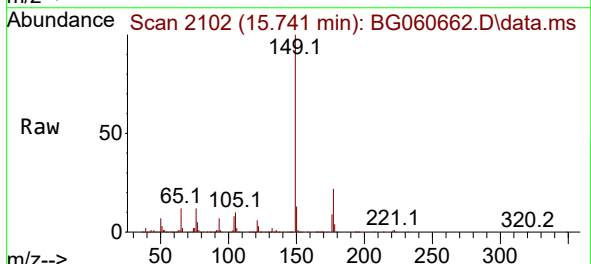
Ion	Ratio	Lower	Upper
232	100		
131	43.4	31.2	46.8
130	2.4	2.1	3.1
166	28.5	19.1	28.7

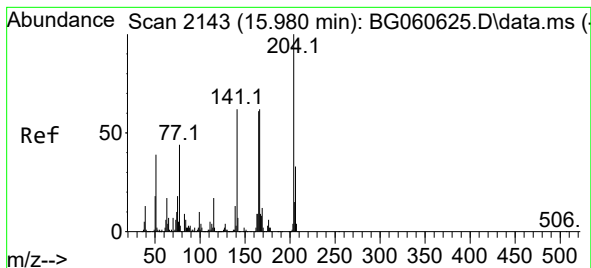


#60
Diethylphthalate
Concen: 45.700 ng
RT: 15.741 min Scan# 2102
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:149 Resp: 1195714

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.3	25.9
150	13.0	9.8	14.6

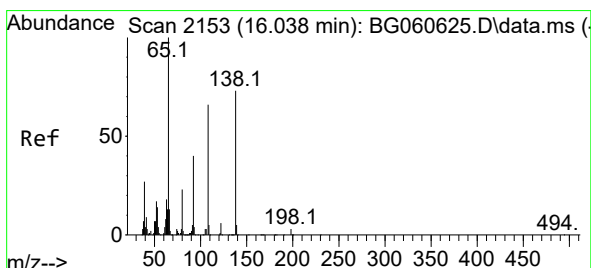
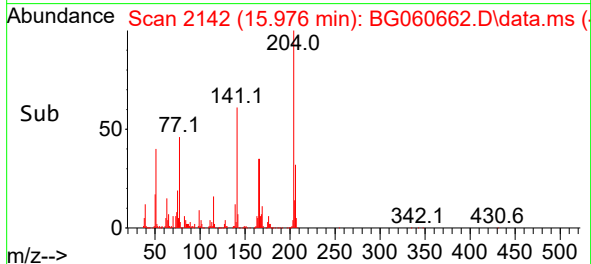
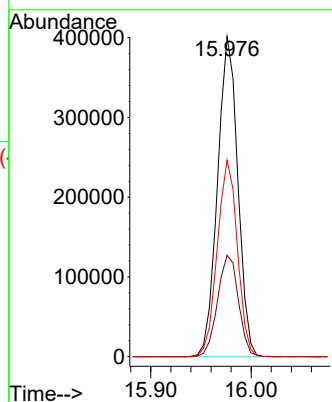
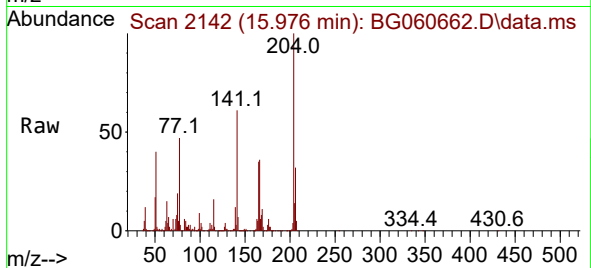




#61
4-Chlorophenyl-phenylether
Concen: 45.163 ng
RT: 15.976 min Scan# 2142
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

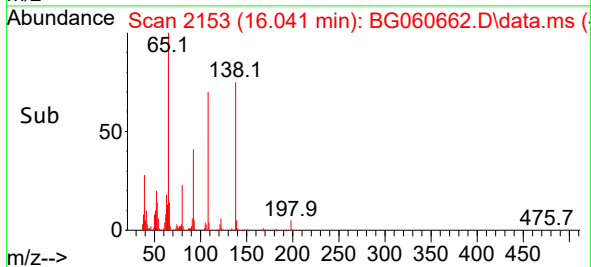
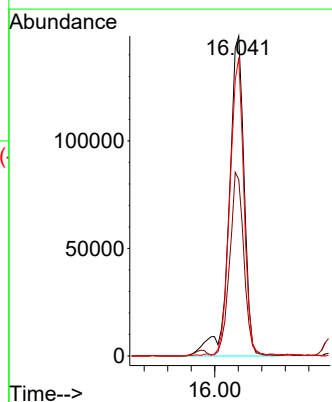
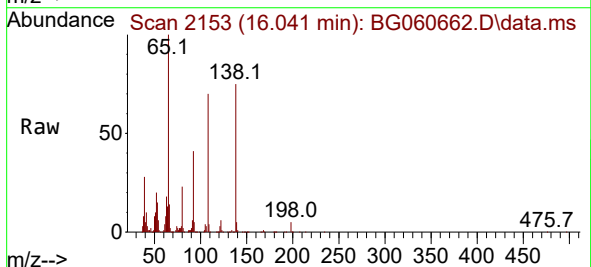
Instrument :
BNA_G
ClientSampleId :
PB159608BS

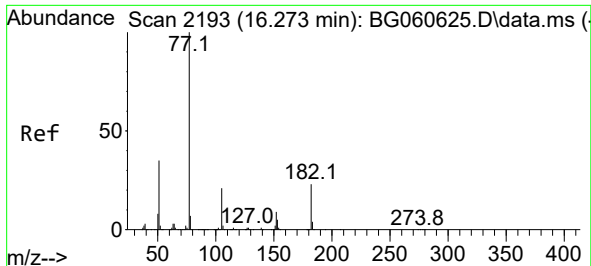
Tgt Ion:204 Resp: 561137
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.2
141 61.5 49.4 74.2



#62
4-Nitroaniline
Concen: 47.775 ng
RT: 16.041 min Scan# 2153
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:138 Resp: 263939
Ion Ratio Lower Upper
138 100
92 55.1 35.4 75.4
108 93.2 70.8 110.8



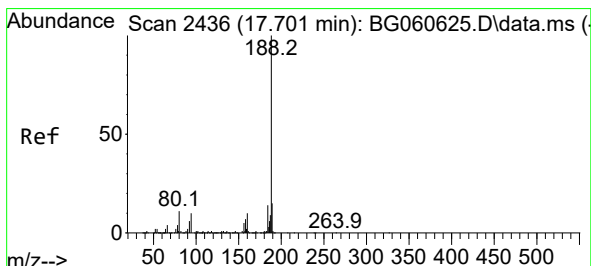
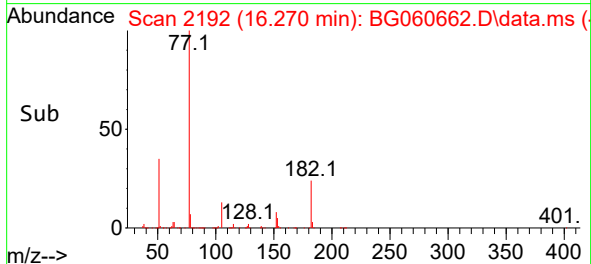
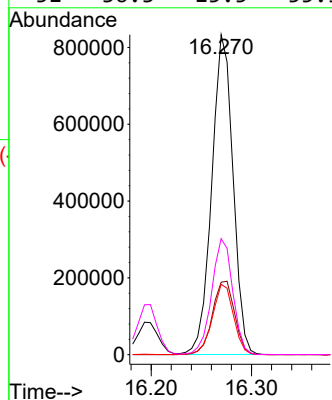
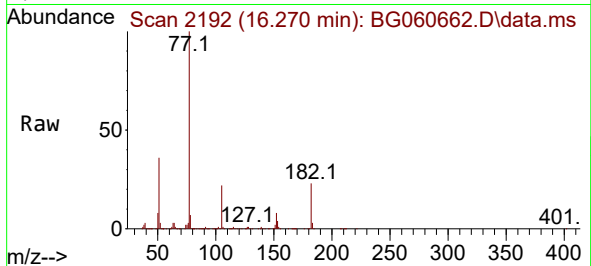


#63
Azobenzene
Concen: 45.336 ng
RT: 16.270 min Scan# 2193
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Instrument :
BNA_G
ClientSampleId :
PB159608BS

Tgt Ion: 77 Resp: 1227604

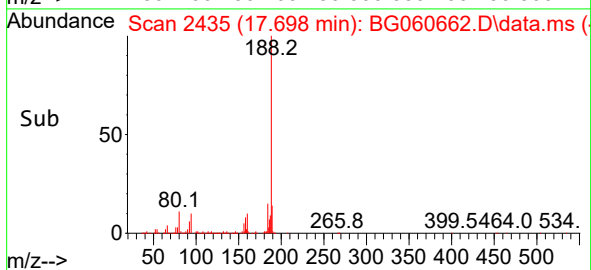
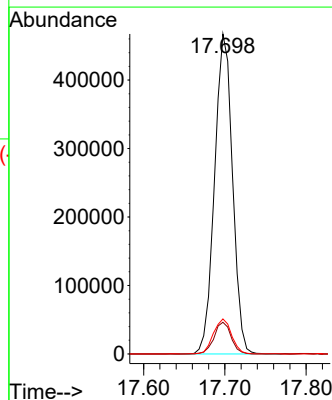
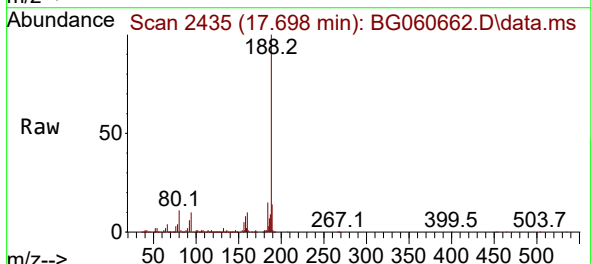
Ion	Ratio	Lower	Upper
77	100		
182	22.7	3.4	43.4
105	22.0	0.5	40.5
51	36.3	15.5	55.5

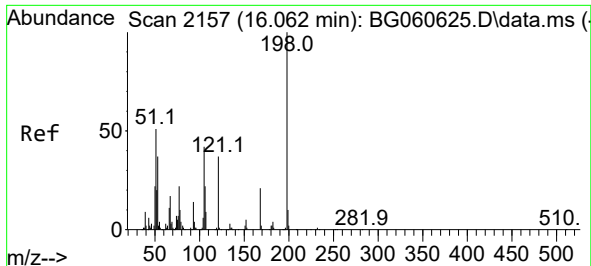


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.698 min Scan# 2435
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion: 188 Resp: 717678

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.9	11.9
80	11.0	8.6	13.0

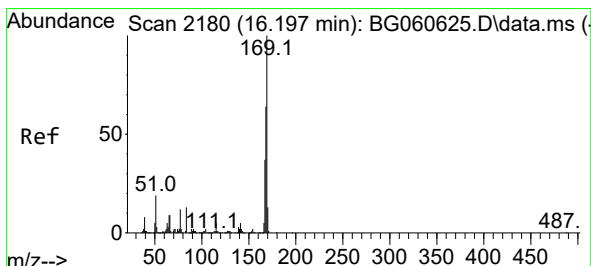
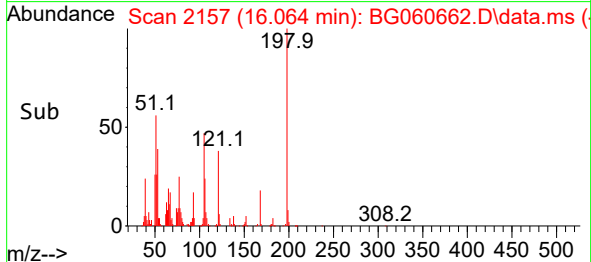
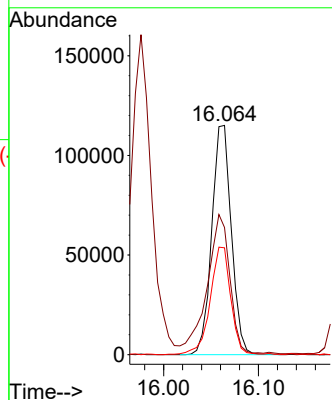
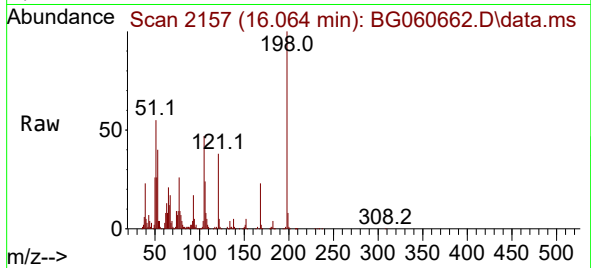




#65
4,6-Dinitro-2-methylphenol
Concen: 50.569 ng
RT: 16.064 min Scan# 2157
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

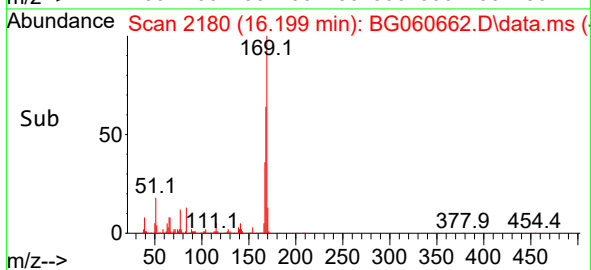
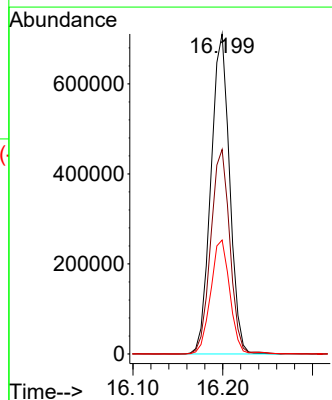
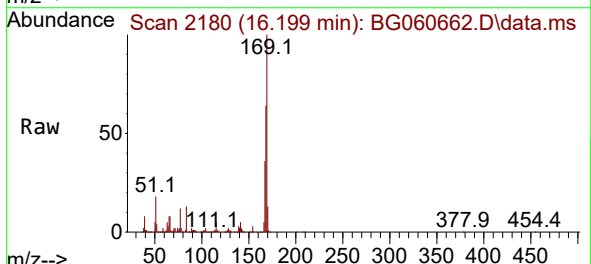
Instrument :
BNA_G
ClientSampleId :
PB159608BS

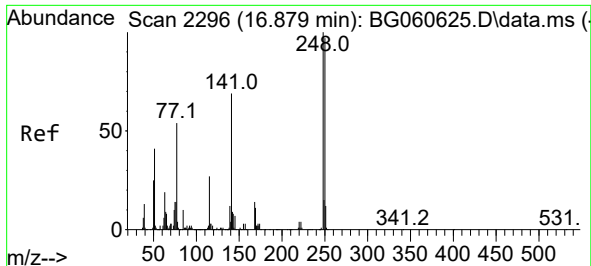
Tgt Ion:198 Resp: 164928
Ion Ratio Lower Upper
198 100
51 55.5 36.9 76.9
105 46.7 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 45.706 ng
RT: 16.199 min Scan# 2180
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:169 Resp: 1026575
Ion Ratio Lower Upper
169 100
168 63.9 51.1 76.7
167 35.6 29.4 44.2

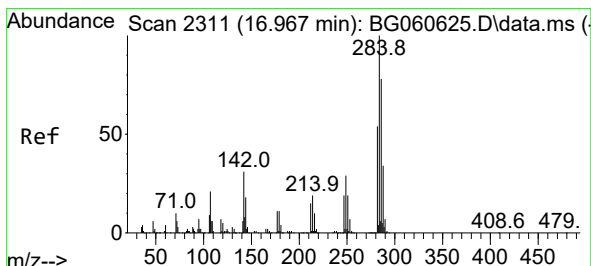
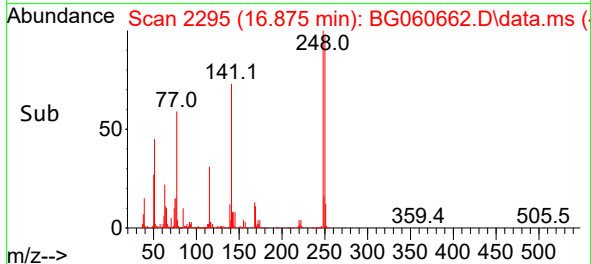
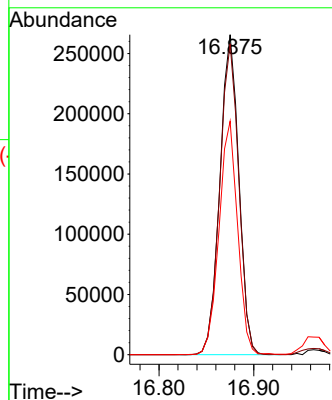
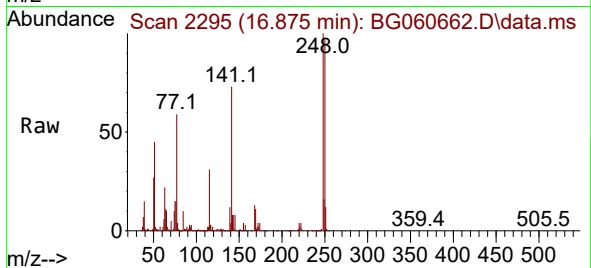




#67
4-Bromophenyl-phenylether
Concen: 47.667 ng
RT: 16.875 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

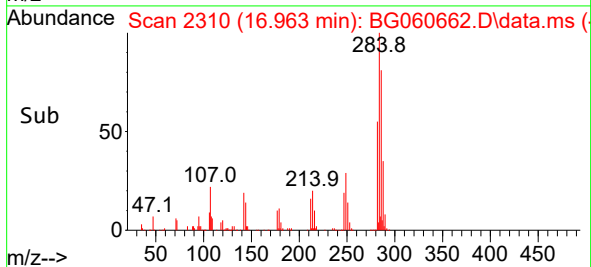
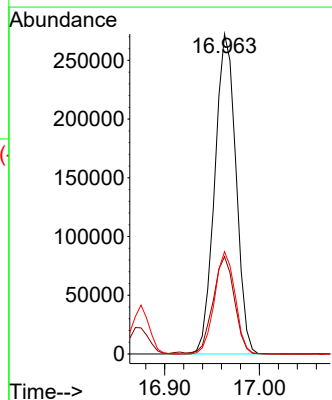
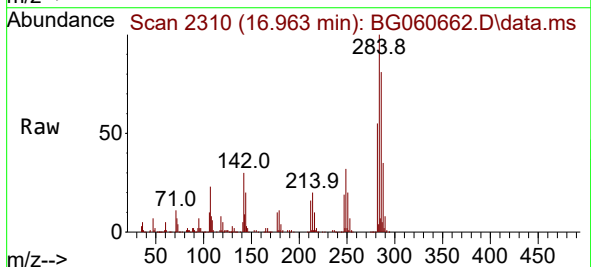
Instrument :
BNA_G
ClientSampleId :
PB159608BS

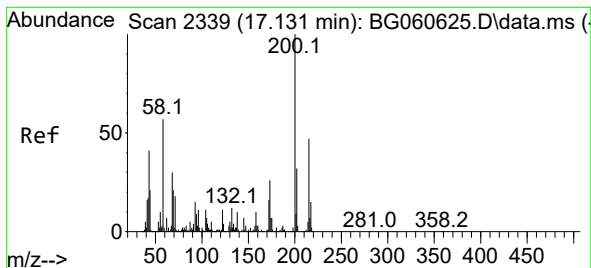
Tgt Ion:248 Resp: 368906
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.6
141 73.0 55.1 82.7



#68
Hexachlorobenzene
Concen: 47.568 ng
RT: 16.963 min Scan# 2310
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:284 Resp: 423261
Ion Ratio Lower Upper
284 100
142 30.4 24.6 37.0
249 31.9 23.4 35.0





#69

Atrazine

Concen: 41.631 ng

RT: 17.128 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS

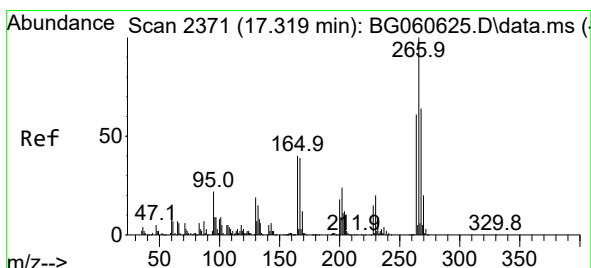
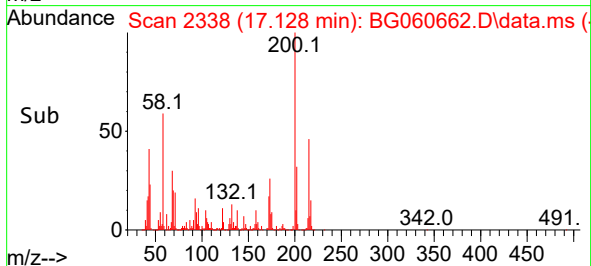
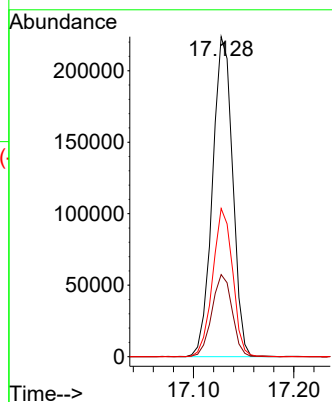
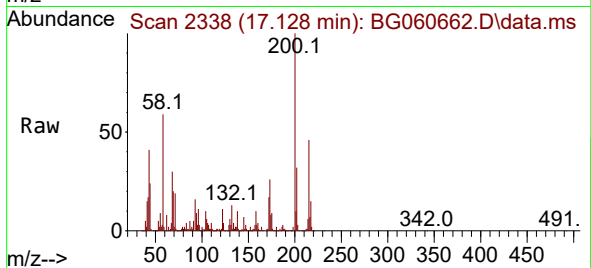
Tgt Ion:200 Resp: 312747

Ion Ratio Lower Upper

200 100

173 25.6 5.7 45.7

215 46.3 27.1 67.1



#70

Pentachlorophenol

Concen: 92.368 ng

RT: 17.321 min Scan# 2371

Delta R.T. 0.002 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

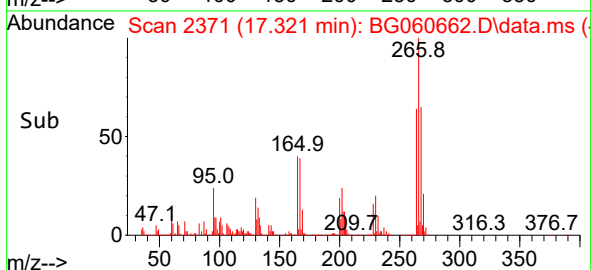
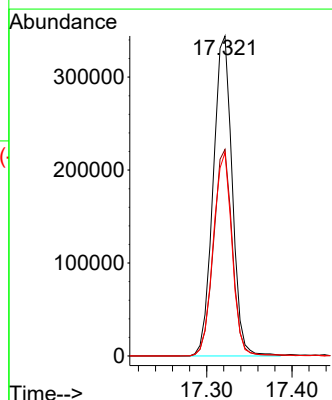
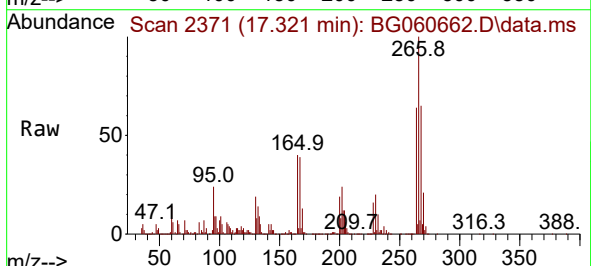
Tgt Ion:266 Resp: 532702

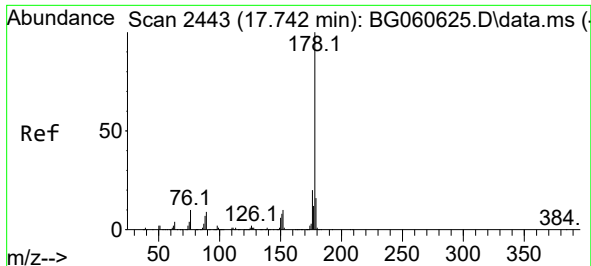
Ion Ratio Lower Upper

266 100

268 64.6 51.5 77.3

264 63.5 48.9 73.3

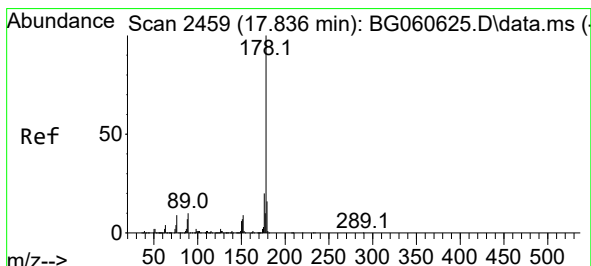
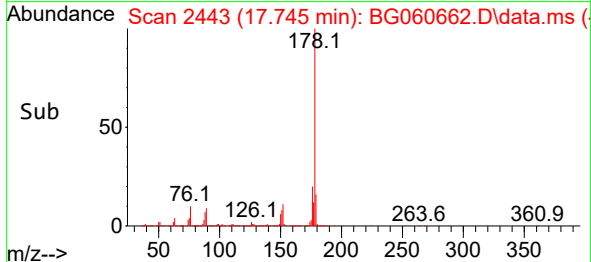
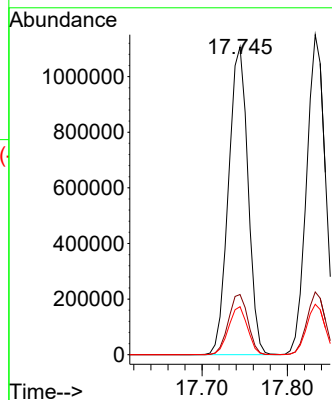
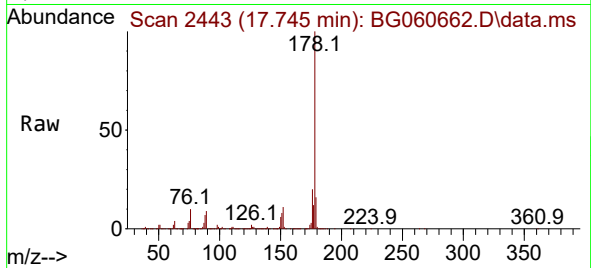




#71
Phenanthrene
Concen: 45.389 ng
RT: 17.745 min Scan# 2443
Delta R.T. 0.002 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

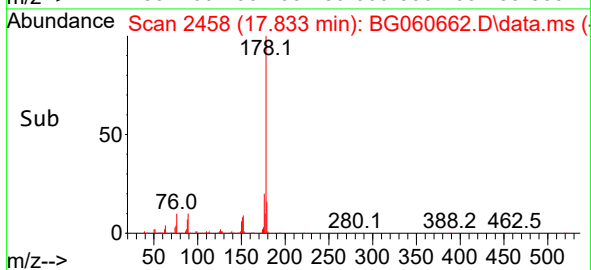
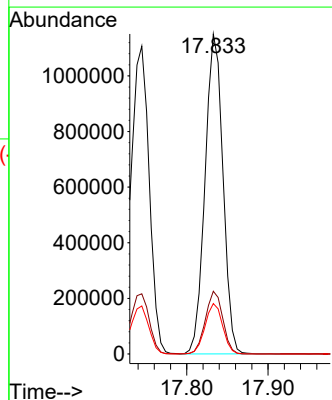
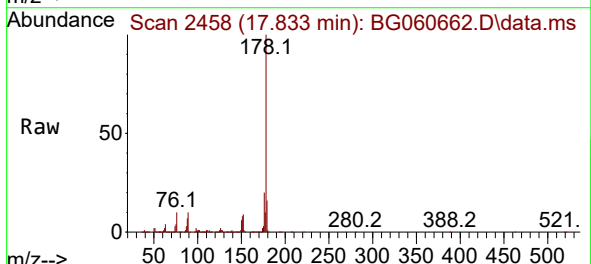
Instrument :
BNA_G
ClientSampleId :
PB159608BS

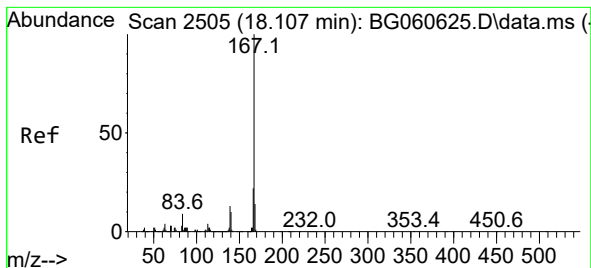
Tgt Ion:178 Resp: 1754709
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 15.6 12.9 19.3



#72
Anthracene
Concen: 44.956 ng
RT: 17.833 min Scan# 2458
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:178 Resp: 1757275
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.7 12.6 19.0





#73

Carbazole

Concen: 46.306 ng

RT: 18.109 min Scan# 2505

Delta R.T. 0.002 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS

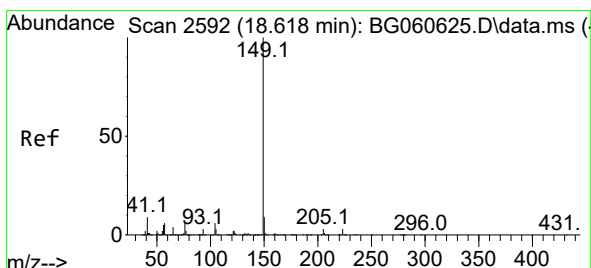
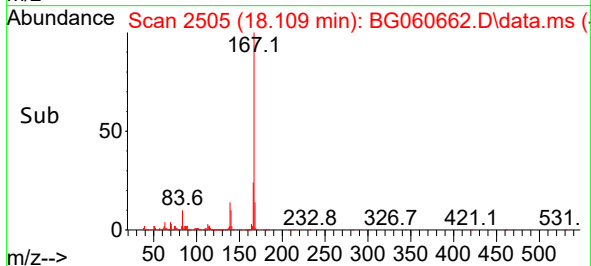
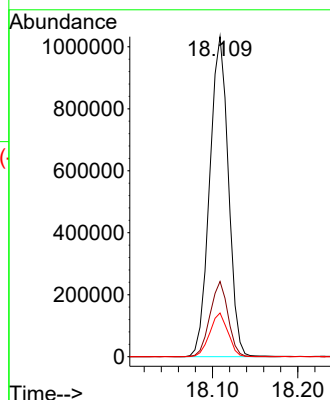
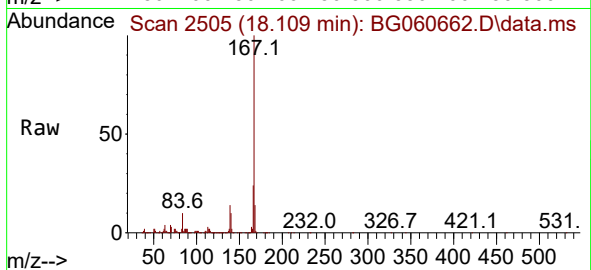
Tgt Ion:167 Resp: 1573850

Ion Ratio Lower Upper

167 100

166 23.5 18.0 27.0

139 13.6 10.7 16.1



#74

Di-n-butylphthalate

Concen: 46.598 ng

RT: 18.614 min Scan# 2591

Delta R.T. -0.004 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

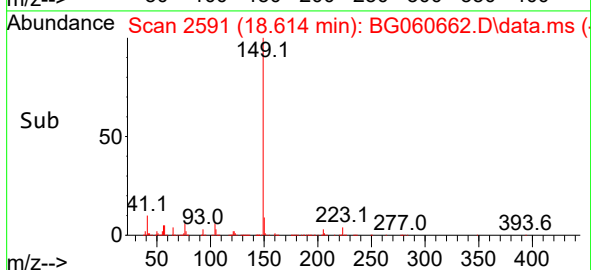
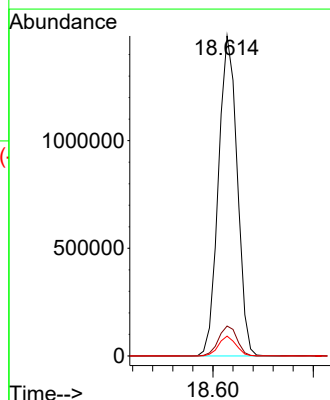
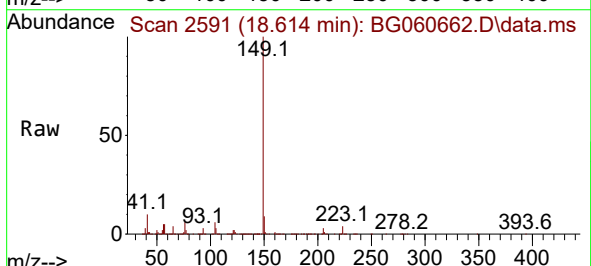
Tgt Ion:149 Resp: 1930055

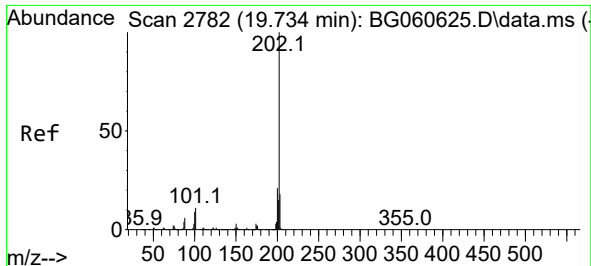
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 6.2 4.8 7.2

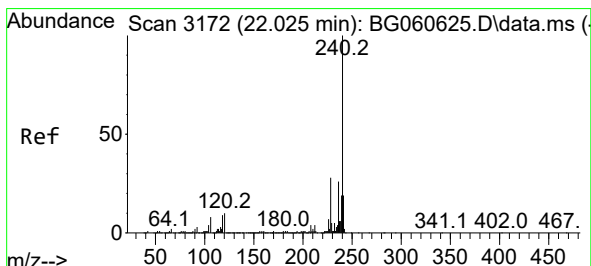
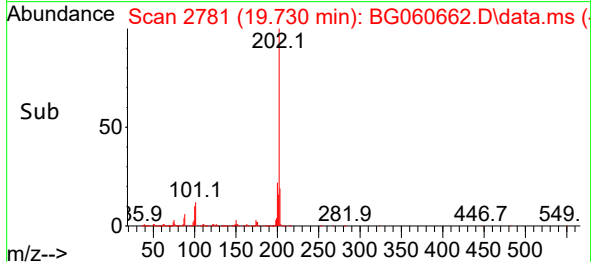
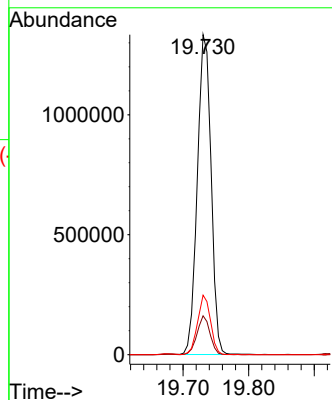
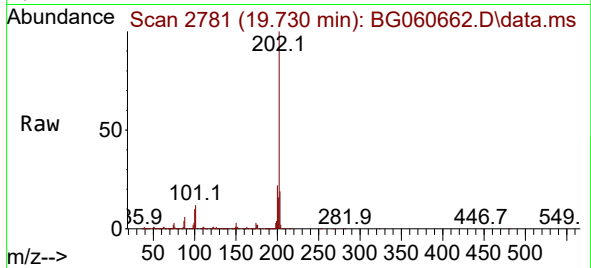




#75
Fluoranthene
Concen: 45.553 ng
RT: 19.730 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

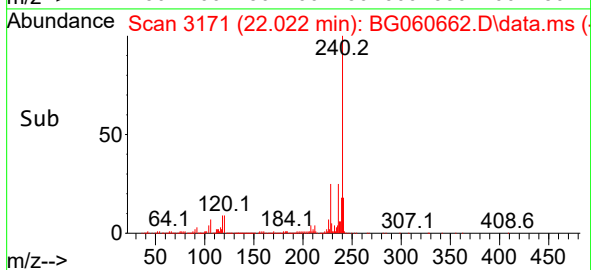
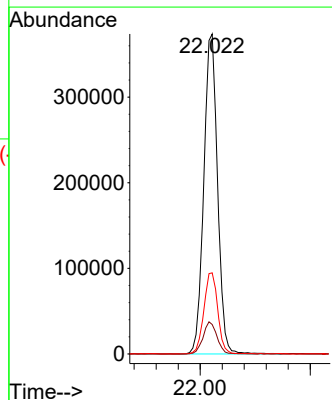
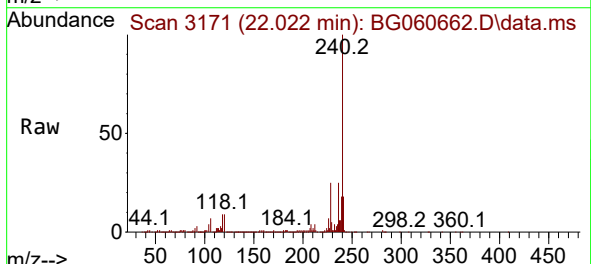
Instrument :
BNA_G
ClientSampleId :
PB159608BS

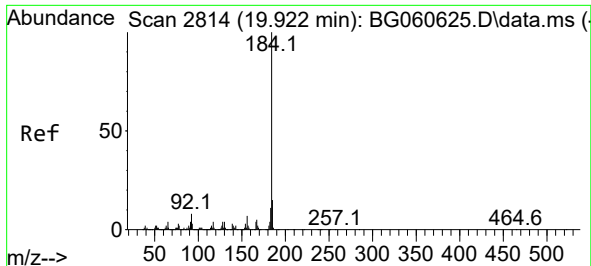
Tgt Ion:202 Resp: 1948009
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.2
203 18.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.022 min Scan# 3171
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:240 Resp: 646350
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.8
236 25.4 20.6 31.0

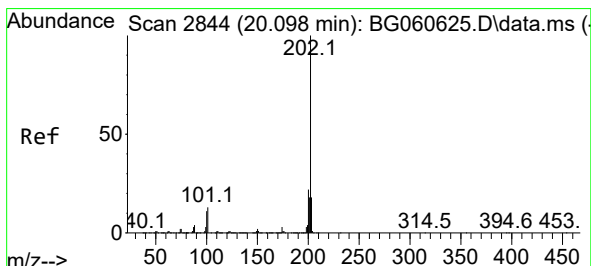
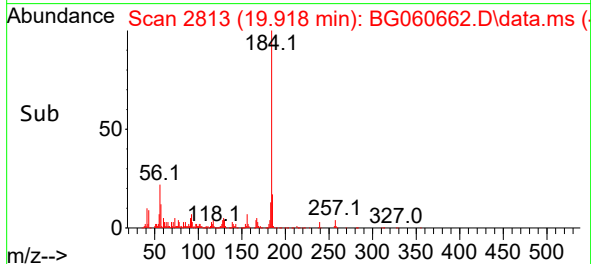
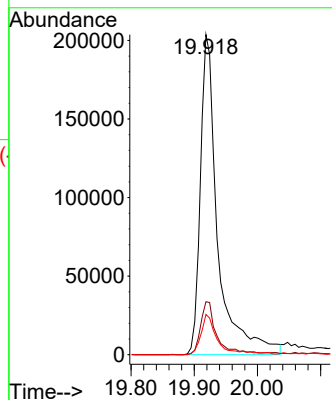
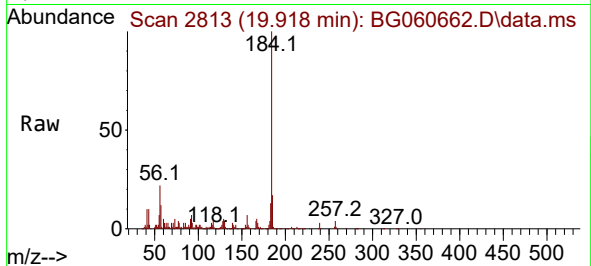




#77
Benzidine
Concen: 24.745 ng
RT: 19.918 min Scan# 2813
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

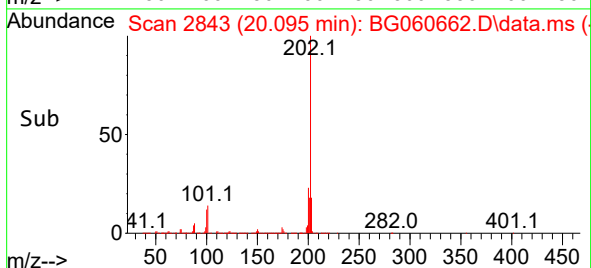
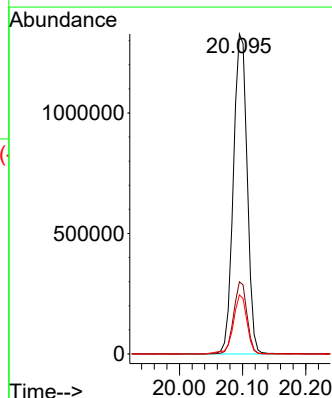
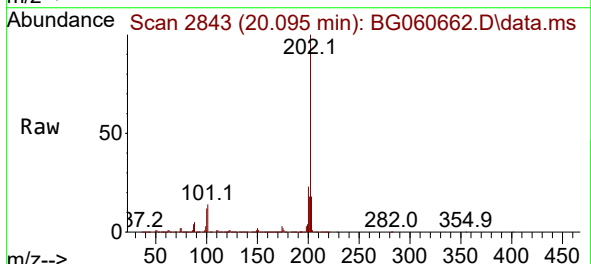
Instrument :
BNA_G
ClientSampleId :
PB159608BS

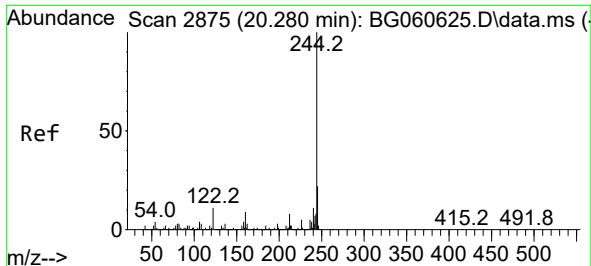
Tgt Ion:184 Resp: 391208
Ion Ratio Lower Upper
184 100
185 16.6 11.7 17.5
183 12.6 9.2 13.8



#78
Pyrene
Concen: 44.478 ng
RT: 20.095 min Scan# 2843
Delta R.T. -0.004 min
Lab File: BG060662.D
Acq: 15 Mar 2024 13:05

Tgt Ion:202 Resp: 2006238
Ion Ratio Lower Upper
202 100
200 22.6 17.9 26.9
203 18.5 14.3 21.5





#79

Terphenyl-d14

Concen: 83.144 ng

RT: 20.277 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS

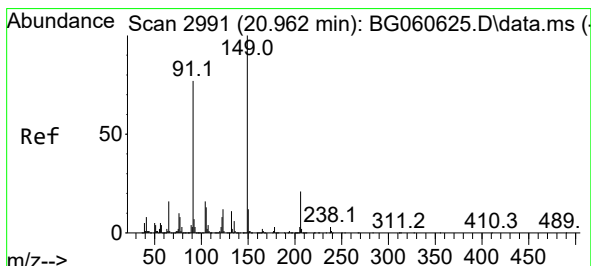
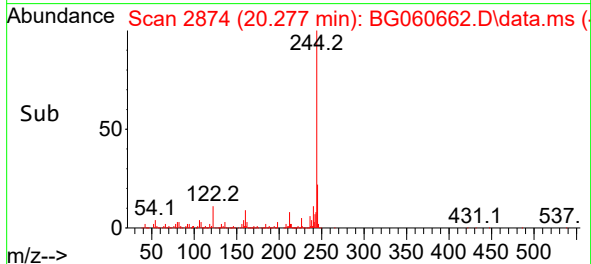
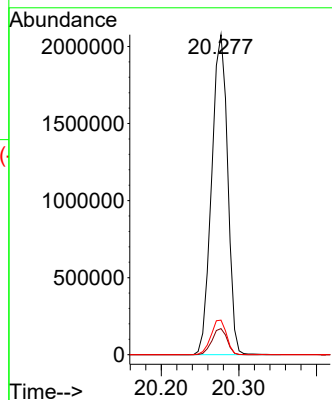
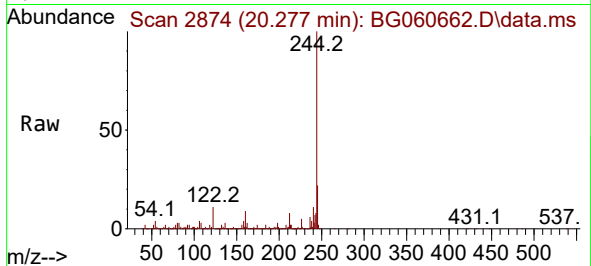
Tgt Ion:244 Resp: 2973117

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

122 10.8 8.5 12.7



#80

Butylbenzylphthalate

Concen: 49.069 ng

RT: 20.958 min Scan# 2990

Delta R.T. -0.004 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

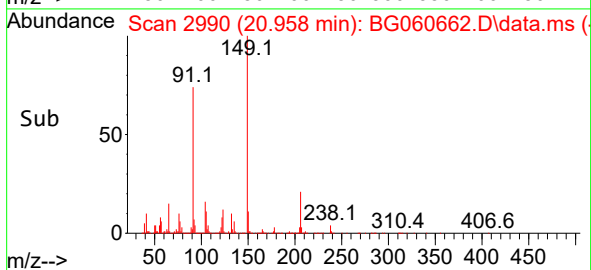
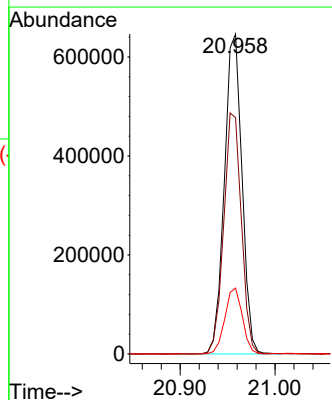
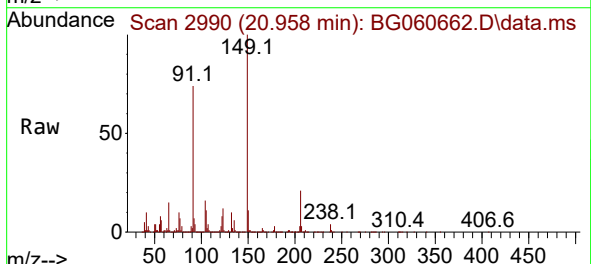
Tgt Ion:149 Resp: 836744

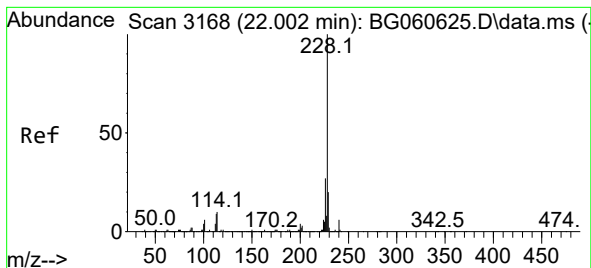
Ion Ratio Lower Upper

149 100

91 73.9 61.5 92.3

206 20.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 45.769 ng

RT: 21.998 min Scan# 3167

Delta R.T. -0.004 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS

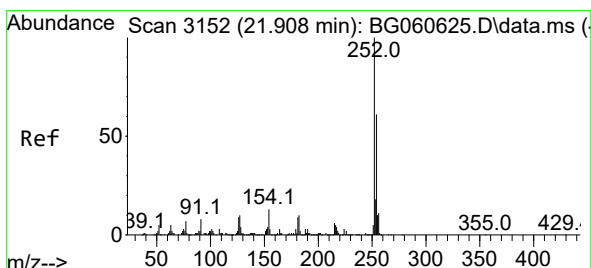
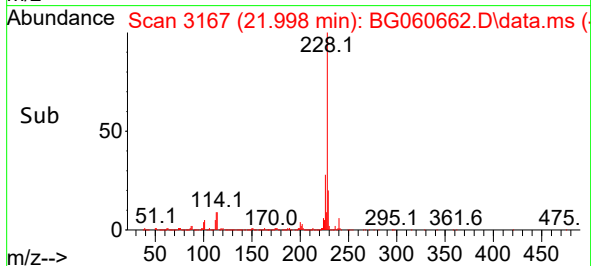
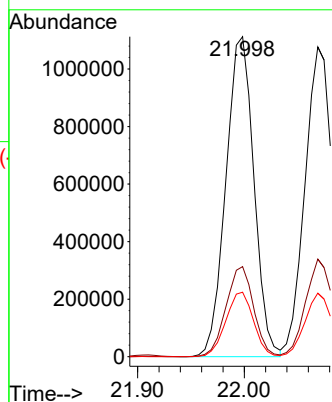
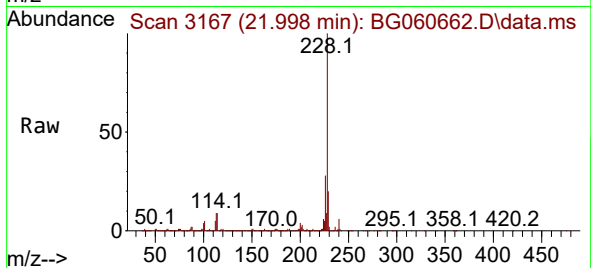
Tgt Ion:228 Resp: 2036879

Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.8

229 20.1 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 35.854 ng

RT: 21.904 min Scan# 3151

Delta R.T. -0.004 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

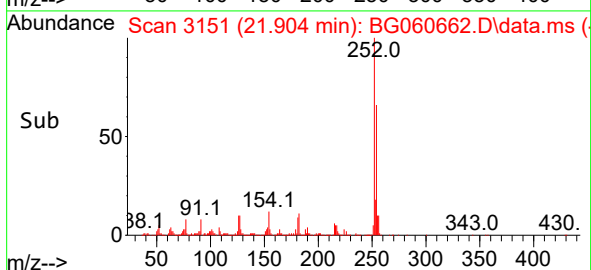
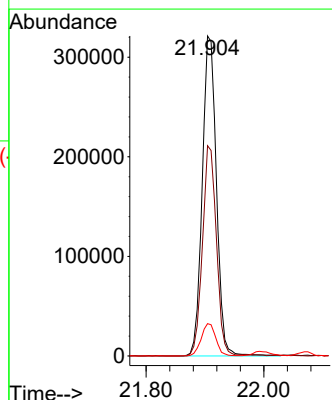
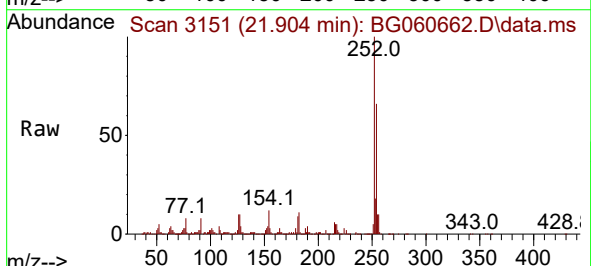
Tgt Ion:252 Resp: 537811

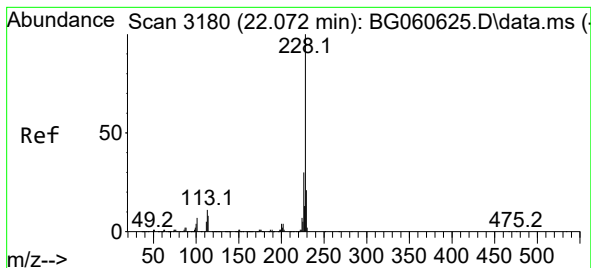
Ion Ratio Lower Upper

252 100

254 65.7 48.7 73.1

126 10.1 7.4 11.2





#83

Chrysene

Concen: 44.815 ng

RT: 22.069 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS

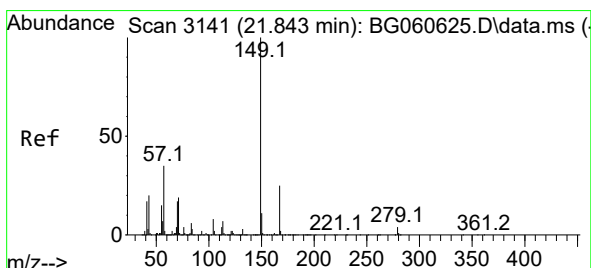
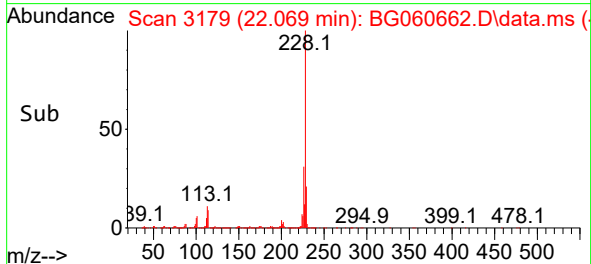
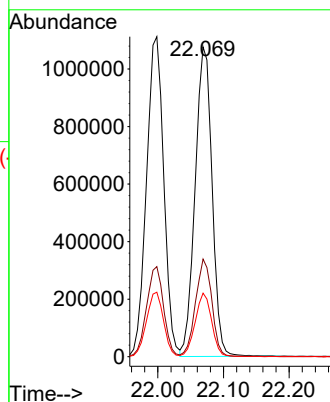
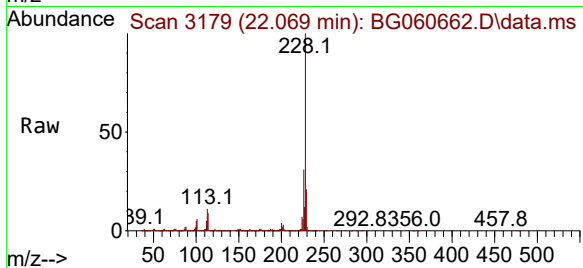
Tgt Ion:228 Resp: 1936529

Ion Ratio Lower Upper

228 100

226 31.5 24.2 36.2

229 20.5 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.788 ng

RT: 21.834 min Scan# 3139

Delta R.T. -0.009 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

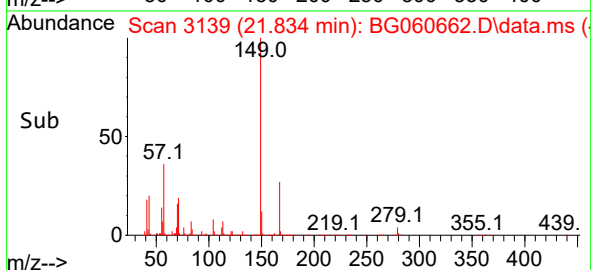
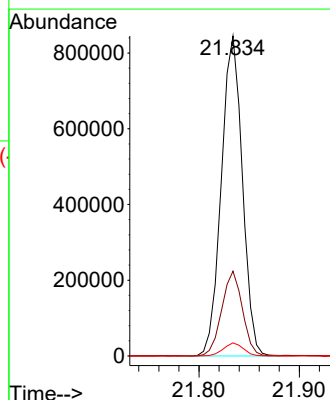
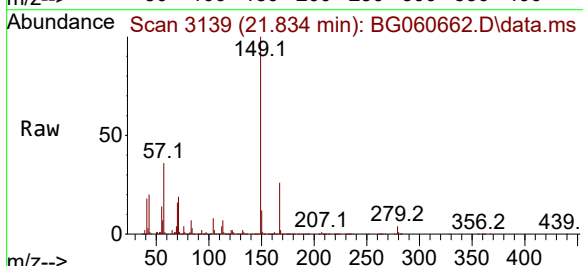
Tgt Ion:149 Resp: 1228896

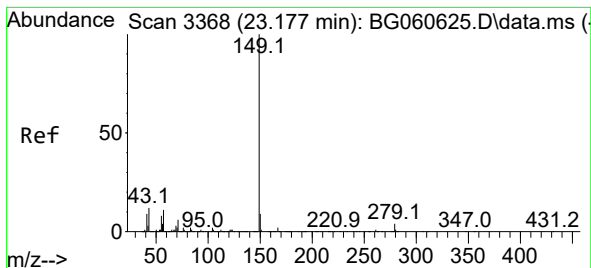
Ion Ratio Lower Upper

149 100

167 26.5 19.9 29.9

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 50.351 ng

RT: 23.162 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS

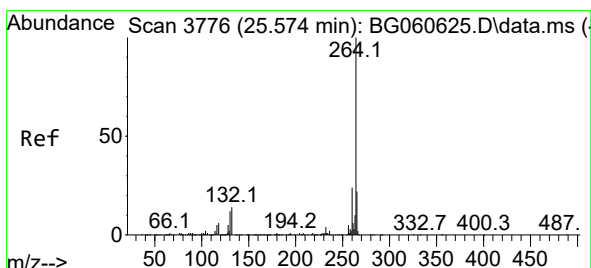
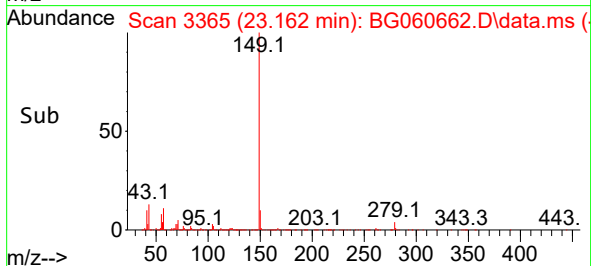
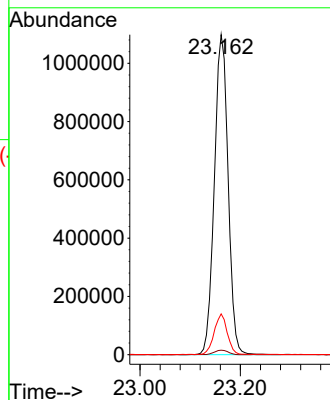
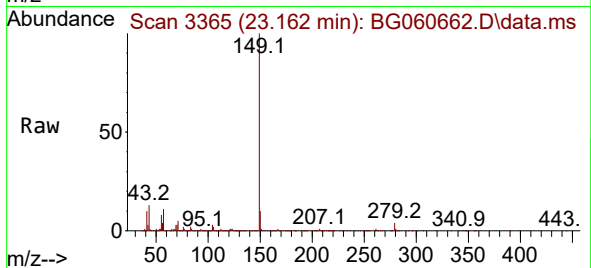
Tgt Ion:149 Resp: 2088475

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 12.2 10.0 15.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.571 min Scan# 3775

Delta R.T. -0.004 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

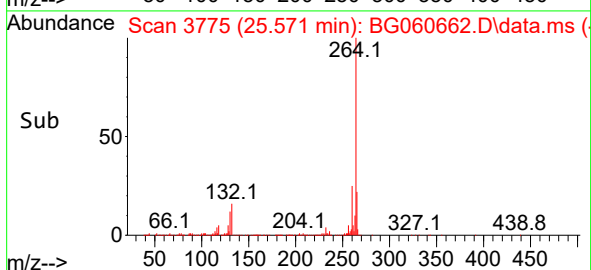
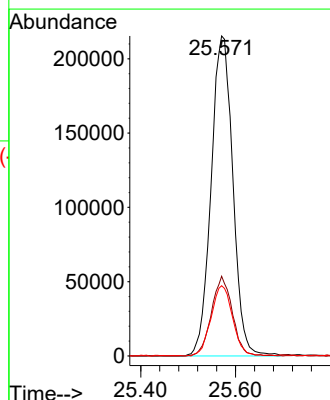
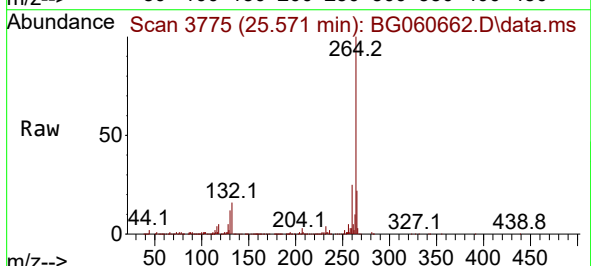
Tgt Ion:264 Resp: 685250

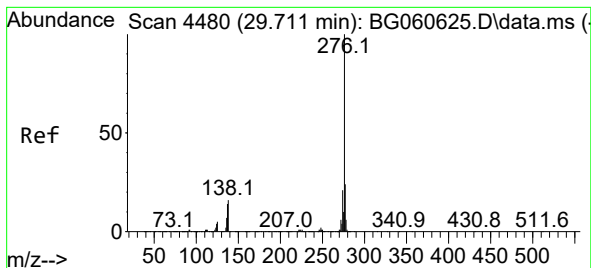
Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 21.9 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.485 ng

RT: 29.695 min Scan# 44

Delta R.T. -0.015 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS

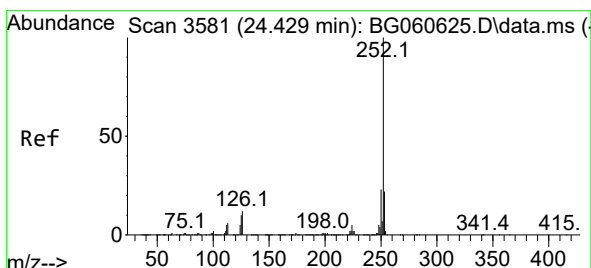
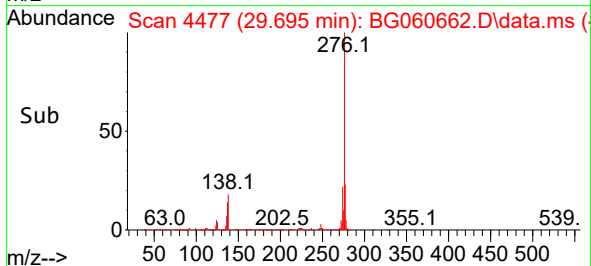
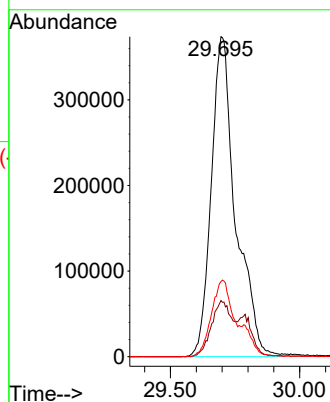
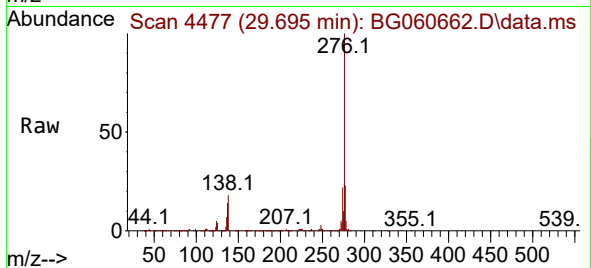
Tgt Ion:276 Resp: 2453214

Ion Ratio Lower Upper

276 100

138 15.3 6.6 10.0#

277 21.4 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 52.556 ng

RT: 24.425 min Scan# 3580

Delta R.T. -0.004 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

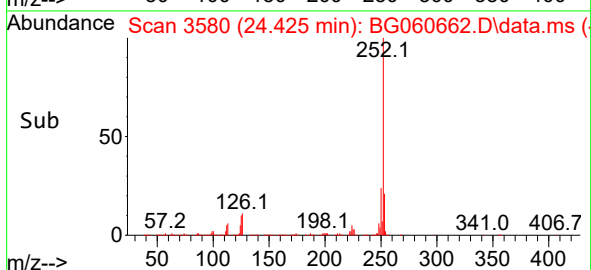
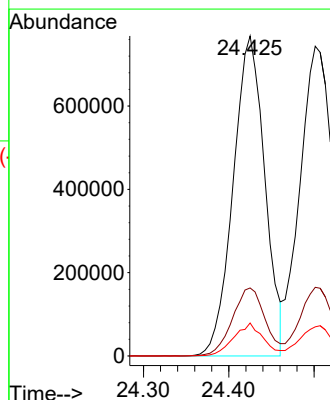
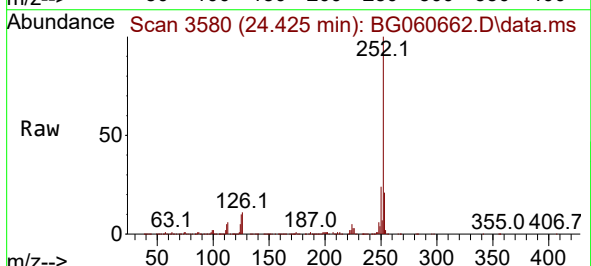
Tgt Ion:252 Resp: 1981247

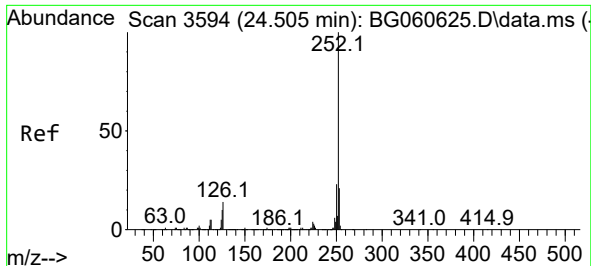
Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 10.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 50.308 ng

RT: 24.501 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS

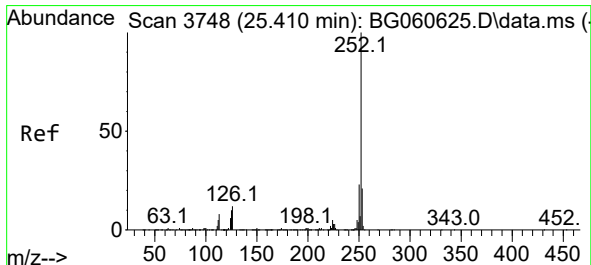
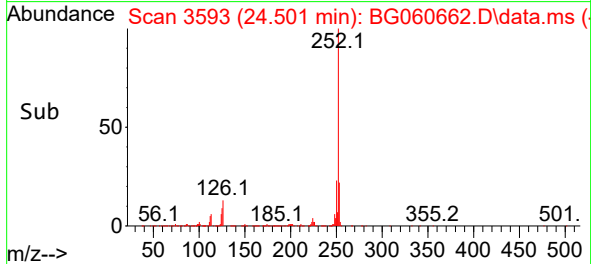
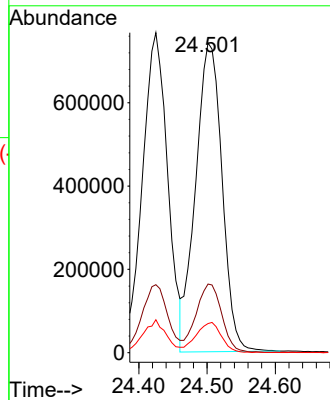
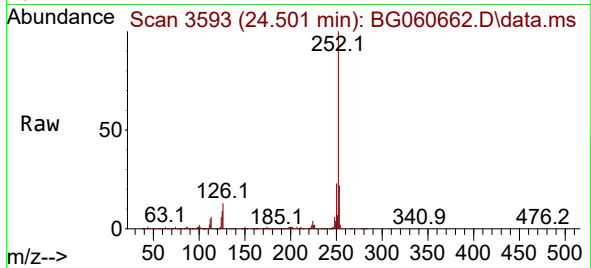
Tgt Ion:252 Resp: 1992457

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 9.4 8.0 12.0



#90

Benzo(a)pyrene

Concen: 48.864 ng

RT: 25.406 min Scan# 3747

Delta R.T. -0.004 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

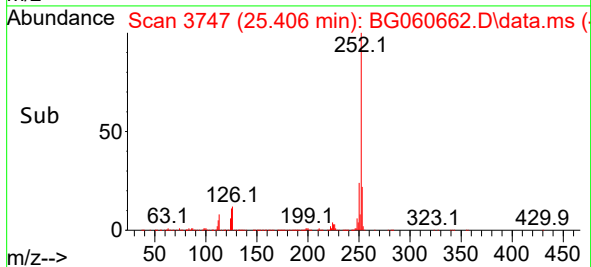
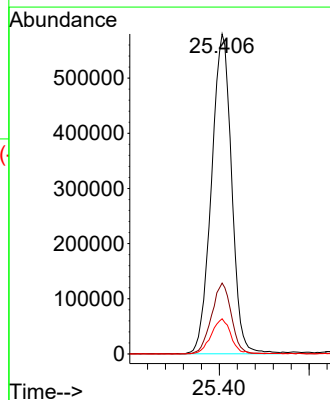
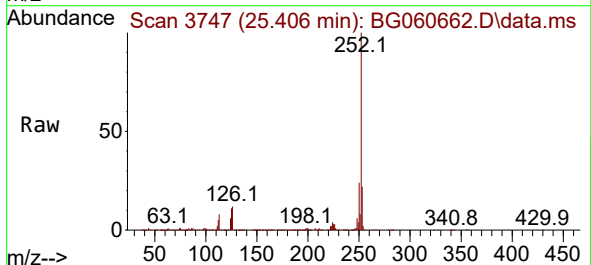
Tgt Ion:252 Resp: 1805989

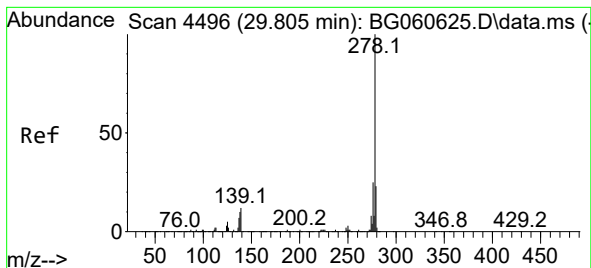
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 11.0 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 52.114 ng

RT: 29.789 min Scan# 4493

Delta R.T. -0.015 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Instrument :

BNA_G

ClientSampleId :

PB159608BS

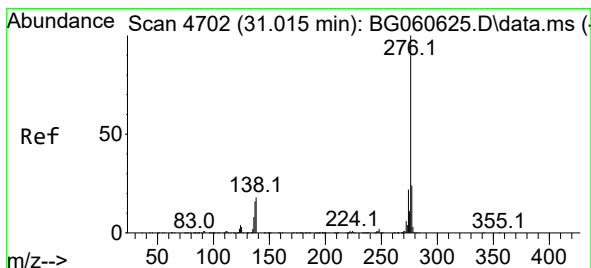
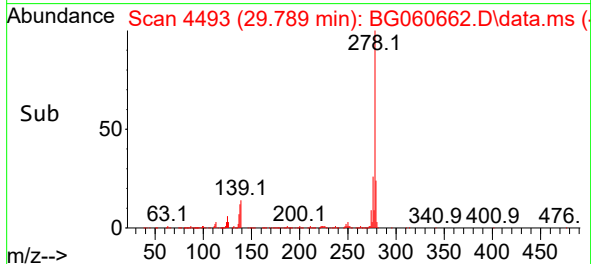
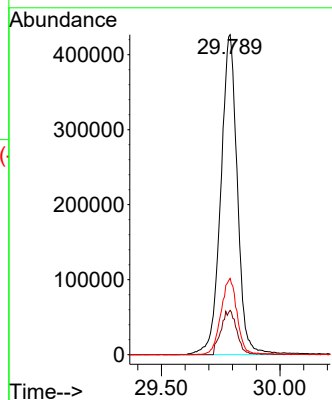
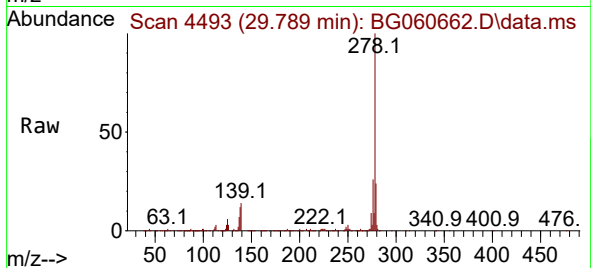
Tgt Ion:278 Resp: 2067889

Ion Ratio Lower Upper

278 100

139 13.9 9.8 14.8

279 23.8 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 50.830 ng

RT: 31.017 min Scan# 4702

Delta R.T. 0.002 min

Lab File: BG060662.D

Acq: 15 Mar 2024 13:05

Tgt Ion:276 Resp: 1952788

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 18.6 14.4 21.6

