

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122623\
 Data File : BG060173.D
 Acq On : 26 Dec 2023 16:36
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG122623

Quant Time: Dec 27 00:46:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 27 00:45:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	271921	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1266399	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	995020	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	2346816	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1997726	20.000	ng	0.00
86) Perylene-d12	24.759	264	2237790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1556714	91.641	ng	0.00
7) Phenol-d6	7.103	99	2275236	84.843	ng	0.00
23) Nitrobenzene-d5	9.107	82	2192465	81.833	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	1113271	83.373	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	5014556	79.045	ng	0.00
79) Terphenyl-d14	19.941	244	6066094	71.540	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.419	88	321891	44.998	ng	96
3) Pyridine	3.813	79	973648	45.921	ng	99
4) n-Nitrosodimethylamine	3.731	42	377945	44.863	ng	# 99
6) Aniline	7.268	93	1148890	41.613	ng	97
8) 2-Chlorophenol	7.503	128	747429	41.568	ng	99
9) Benzaldehyde	7.080	77	639552	42.113	ng	99
10) Phenol	7.133	94	1157546	41.927	ng	98
11) bis(2-Chloroethyl)ether	7.362	93	917468	42.026	ng	98
12) 1,3-Dichlorobenzene	7.832	146	882212	41.850	ng	99
13) 1,4-Dichlorobenzene	7.973	146	883276	40.957	ng	98
14) 1,2-Dichlorobenzene	8.296	146	875190	40.339	ng	98
15) Benzyl Alcohol	8.178	79	806435	42.756	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.466	45	1262909	40.368	ng	98
17) 2-Methylphenol	8.378	107	779547	41.660	ng	96
18) Hexachloroethane	9.025	117	301162	40.736	ng	98
19) n-Nitroso-di-n-propyla...	8.748	70	843792	41.788	ng	98
20) 3+4-Methylphenols	8.713	107	1106108	42.251	ng	97
22) Acetophenone	8.760	105	1500133	41.079	ng	99
24) Nitrobenzene	9.148	77	1153374	41.195	ng	98
25) Isophorone	9.665	82	2304416	40.352	ng	98
26) 2-Nitrophenol	9.853	139	478353	43.552	ng	99
27) 2,4-Dimethylphenol	9.912	122	579715	42.143	ng	98
28) bis(2-Chloroethoxy)met...	10.153	93	1378723	40.726	ng	98
29) 2,4-Dichlorophenol	10.394	162	945584	42.431	ng	97
30) 1,2,4-Trichlorobenzene	10.605	180	1049506	41.309	ng	99
31) Naphthalene	10.793	128	2678216	40.884	ng	99
32) Benzoic acid	10.065	122	590730	40.288	ng	94
33) 4-Chloroaniline	10.905	127	1120730	42.108	ng	99
34) Hexachlorobutadiene	11.075	225	613534	40.556	ng	90
35) Caprolactam	11.692	113	331192	41.229	ng	94
36) 4-Chloro-3-methylphenol	12.027	107	1021939	42.321	ng	99
37) 2-Methylnaphthalene	12.403	142	2083489	41.457	ng	98
38) 1-Methylnaphthalene	12.620	142	2073451	41.071	ng	99
40) 1,2,4,5-Tetrachloroben...	12.767	216	1249695	41.642	ng	99
41) Hexachlorocyclopentadiene	12.750	237	429764	43.494	ng	97
43) 2,4,6-Trichlorophenol	13.008	196	874848	42.712	ng	100

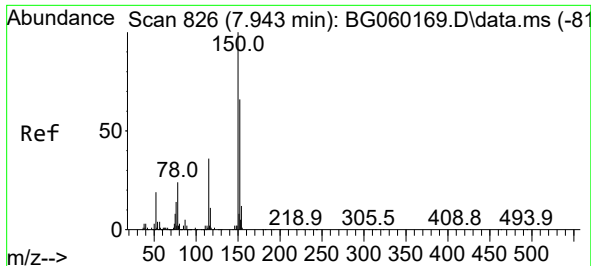
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122623\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 27 00:45:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	998481	43.519	ng	99
46) 1,1'-Biphenyl	13.414	154	2924313	41.329	ng	99
47) 2-Chloronaphthalene	13.455	162	2479402	41.137	ng	99
48) 2-Nitroaniline	13.660	65	784400	43.627	ng	96
49) Acenaphthylene	14.301	152	3637273	42.145	ng	97
50) Dimethylphthalate	14.036	163	3088730	41.316	ng	99
51) 2,6-Dinitrotoluene	14.154	165	746305	43.943	ng	95
52) Acenaphthene	14.642	154	2216669	40.400	ng	98
53) 3-Nitroaniline	14.489	138	669818	43.405	ng	94
54) 2,4-Dinitrophenol	14.688	184	384810	44.640	ng	98
55) Dibenzofuran	14.976	168	3618305	40.302	ng	96
56) 4-Nitrophenol	14.794	139	515797	43.061	ng	98
57) 2,4-Dinitrotoluene	14.941	165	993015	42.524	ng	97
58) Fluorene	15.629	166	3034135	40.098	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.200	232	835509	42.143	ng	98
60) Diethylphthalate	15.394	149	3016547	40.403	ng	100
61) 4-Chlorophenyl-phenyle...	15.617	204	1612471	40.914	ng	99
62) 4-Nitroaniline	15.652	138	693843	40.819	ng	96
63) Azobenzene	15.911	77	3066934	40.427	ng	97
65) 4,6-Dinitro-2-methylph...	15.705	198	582237	44.663	ng	93
66) n-Nitrosodiphenylamine	15.834	169	2640102	41.357	ng	98
67) 4-Bromophenyl-phenylether	16.516	248	1042097	41.805	ng	98
68) Hexachlorobenzene	16.627	284	1194831	40.987	ng	98
69) Atrazine	16.780	200	677997	35.524	ng	97
70) Pentachlorophenol	16.974	266	692465	43.655	ng	94
71) Phenanthrene	17.368	178	4398925	39.520	ng	98
72) Anthracene	17.456	178	4448016	39.977	ng	97
73) Carbazole	17.732	167	4188326	39.222	ng	97
74) Di-n-butylphthalate	18.290	149	4382546	38.912	ng	98
75) Fluoranthene	19.383	202	4811118	35.686	ng	98
77) Benzidine	19.565	184	1091404	31.263	ng	98
78) Pyrene	19.741	202	4979695	38.470	ng	97
80) Butylbenzylphthalate	20.634	149	2131017	43.165	ng	98
81) Benzo(a)anthracene	21.569	228	4923700	40.055	ng	98
82) 3,3'-Dichlorobenzidine	21.492	252	1755465	40.534	ng	99
83) Chrysene	21.639	228	4730918	40.169	ng	97
84) Bis(2-ethylhexyl)phtha...	21.481	149	3118161	42.241	ng	98
85) Di-n-octyl phthalate	22.673	149	5006588	41.443	ng	99
87) Indeno(1,2,3-cd)pyrene	28.390	276	6570311	41.436	ng	100
88) Benzo(b)fluoranthene	23.754	252	5426283	40.836	ng	96
89) Benzo(k)fluoranthene	23.825	252	5268200	40.049	ng	99
90) Benzo(a)pyrene	24.618	252	4909948	40.633	ng	98
91) Dibenzo(a,h)anthracene	28.455	278	5350704	41.283	ng	100
92) Benzo(g,h,i)perylene	29.524	276	5376580	40.845	ng	99

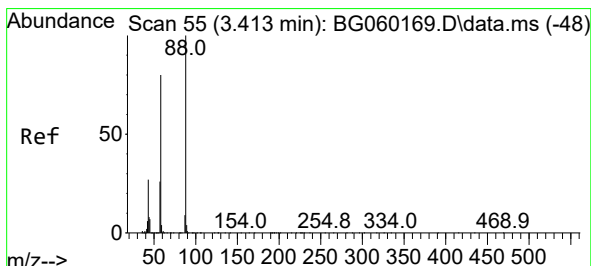
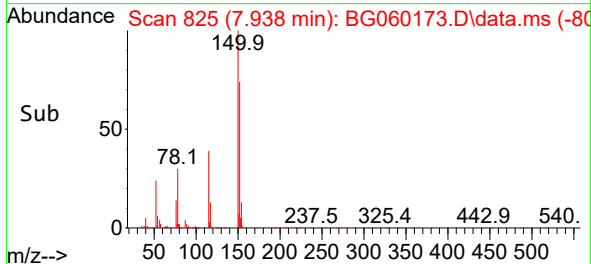
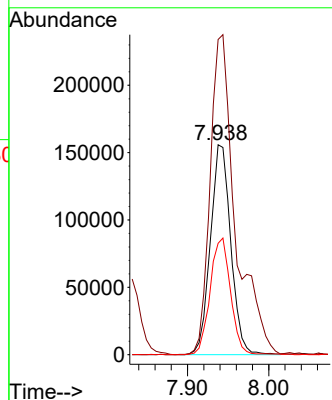
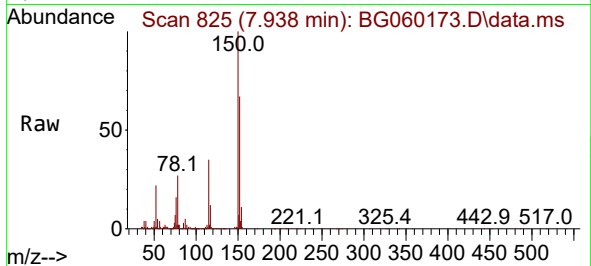
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060173.D
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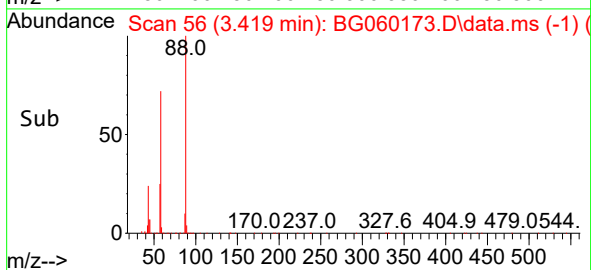
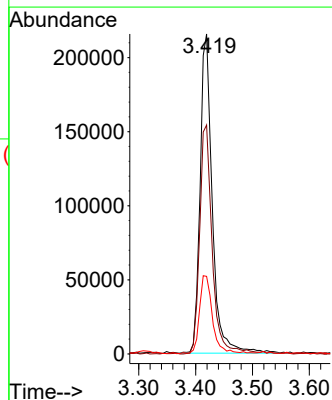
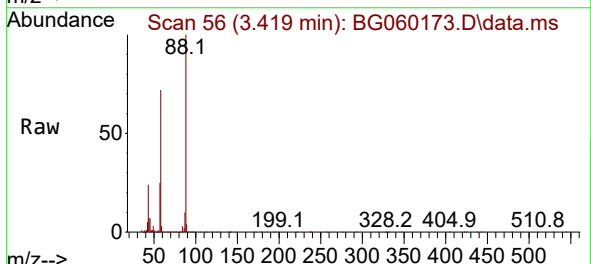
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

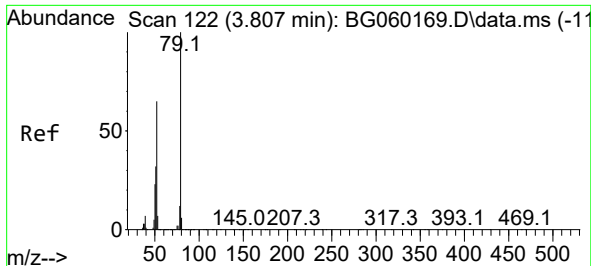
Tgt Ion:152 Resp: 271921
Ion Ratio Lower Upper
152 100
150 150.1 120.5 180.7
115 53.0 42.9 64.3



#2
1,4-Dioxane
Concen: 44.998 ng
RT: 3.419 min Scan# 56
Delta R.T. 0.006 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion: 88 Resp: 321891
Ion Ratio Lower Upper
88 100
58 74.4 63.1 94.7
43 25.9 21.3 31.9

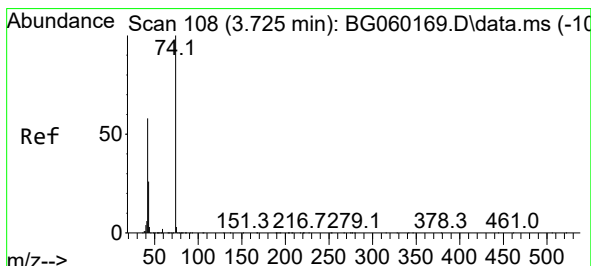
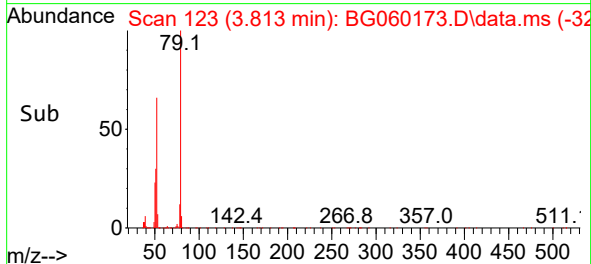
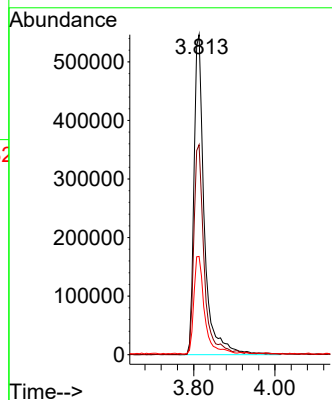
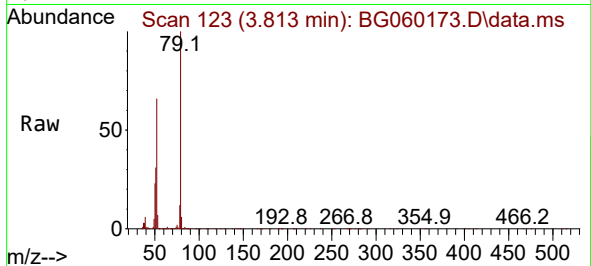




#3
 Pyridine
 Concen: 45.921 ng
 RT: 3.813 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BG060173.D
 Acq: 26 Dec 2023 16:36

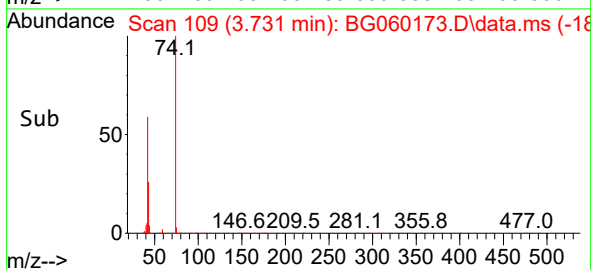
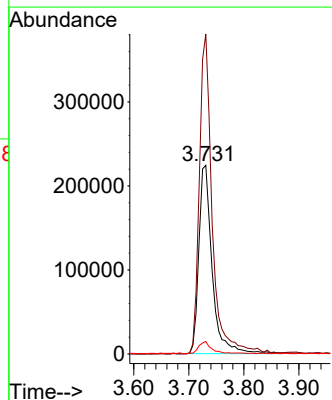
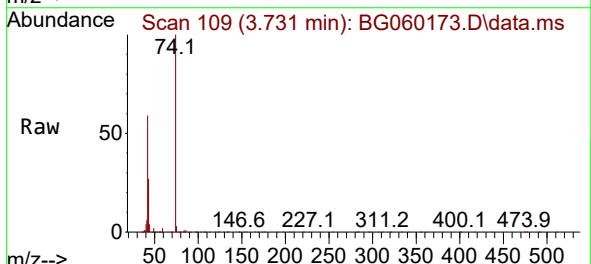
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 ClientSampleId :
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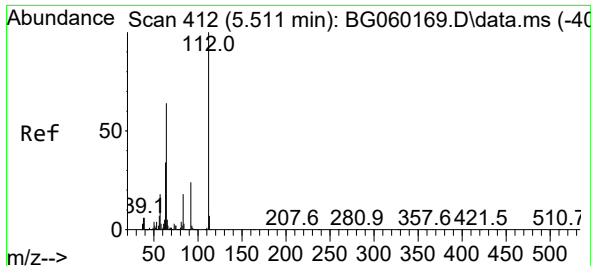
Tgt Ion: 79 Resp: 973648
 Ion Ratio Lower Upper
 79 100
 52 65.6 52.3 78.5
 51 30.7 25.5 38.3



#4
 n-Nitrosodimethylamine
 Concen: 44.863 ng
 RT: 3.731 min Scan# 109
 Delta R.T. 0.006 min
 Lab File: BG060173.D
 Acq: 26 Dec 2023 16:36

Tgt Ion: 42 Resp: 377945
 Ion Ratio Lower Upper
 42 100
 74 169.6 136.9 205.3
 44 6.6 4.4 6.6#

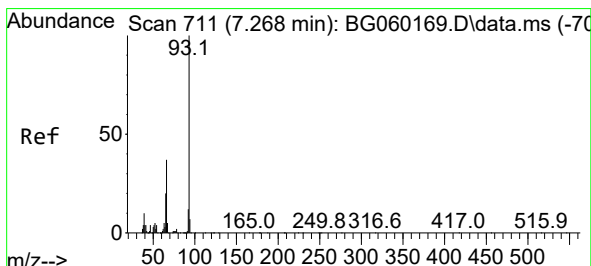
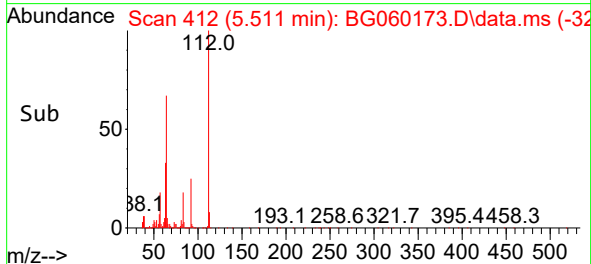
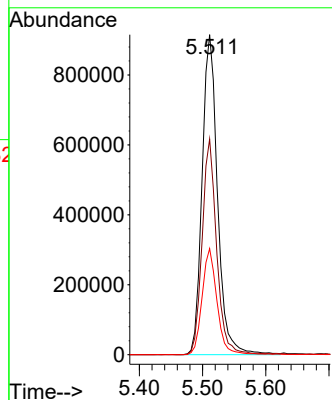
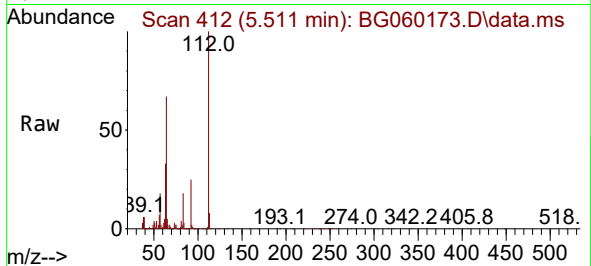




#5
2-Fluorophenol
Concen: 91.641 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

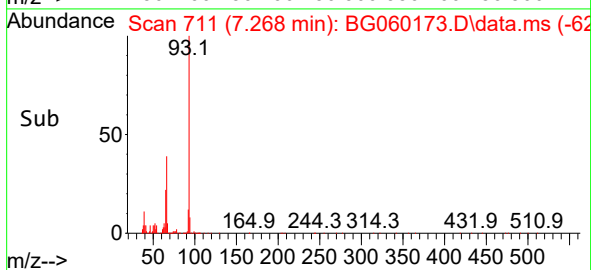
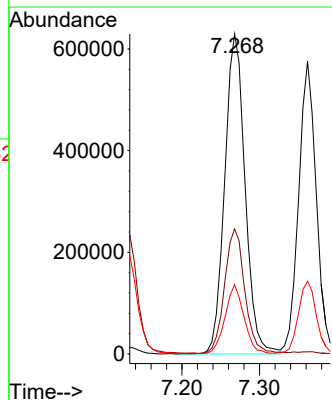
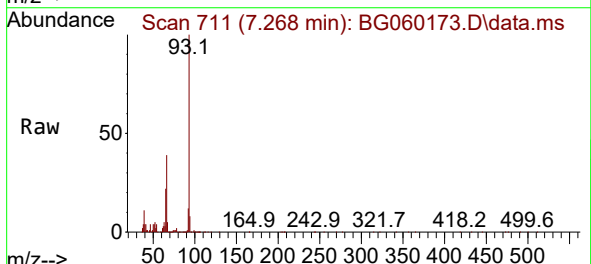
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ClientSampleId :
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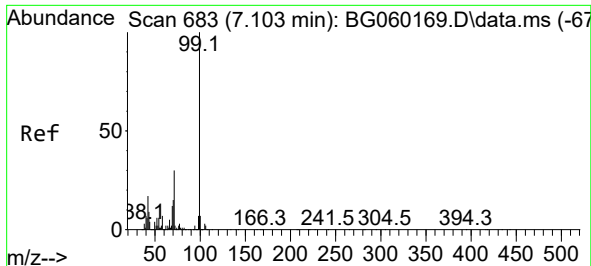
Tgt Ion:112 Resp: 1556714
Ion Ratio Lower Upper
112 100
64 67.4 50.8 76.2
63 33.1 27.0 40.4



#6
Aniline
Concen: 41.613 ng
RT: 7.268 min Scan# 711
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion: 93 Resp: 1148890
Ion Ratio Lower Upper
93 100
66 39.1 30.2 45.2
65 21.7 16.0 24.0



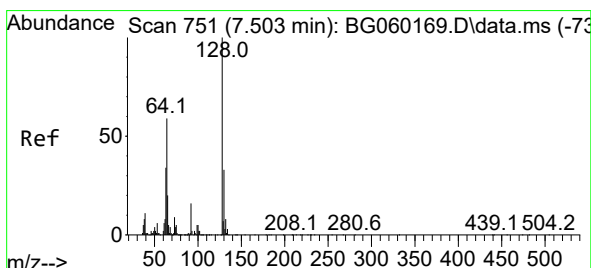
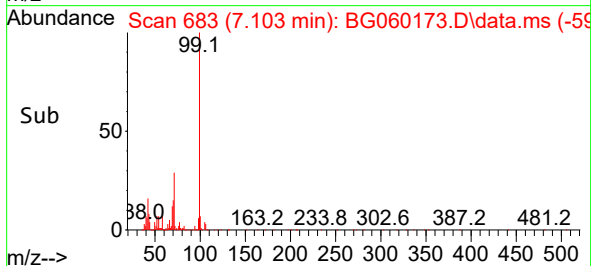
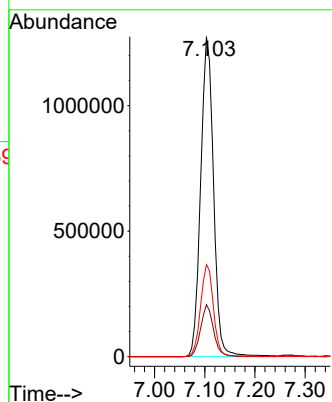
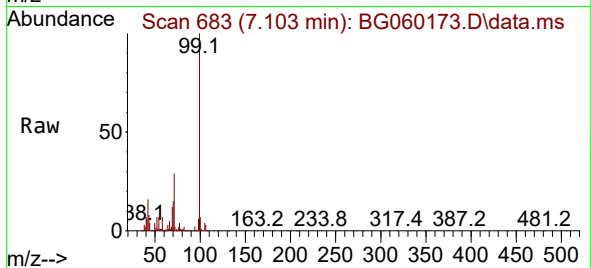


#7
Phenol-d6
Concen: 84.843 ng
RT: 7.103 min Scan# 683
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Instrument :
BNA_G
ClientSampleId :
ICVBG122623

Tgt Ion: 99 Resp: 2275236

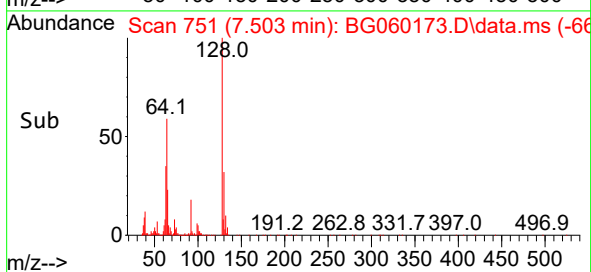
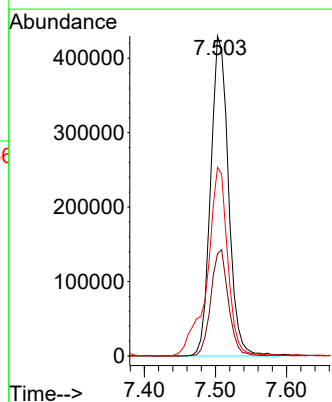
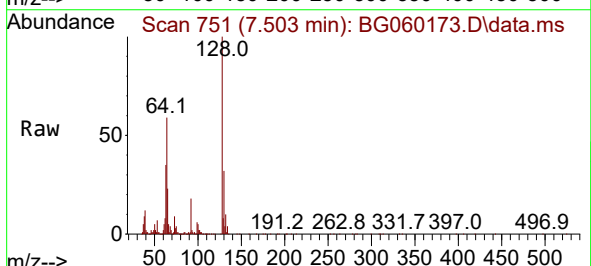
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.0
71	28.8	23.8	35.6

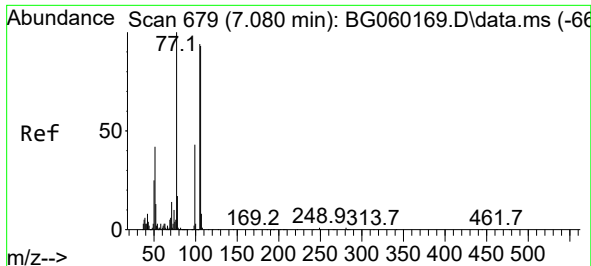


#8
2-Chlorophenol
Concen: 41.568 ng
RT: 7.503 min Scan# 751
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion: 128 Resp: 747429

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.5	52.5
64	59.0	38.8	78.8

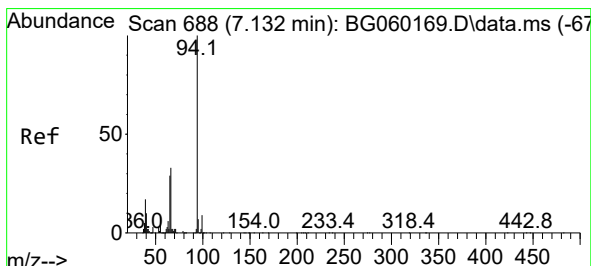
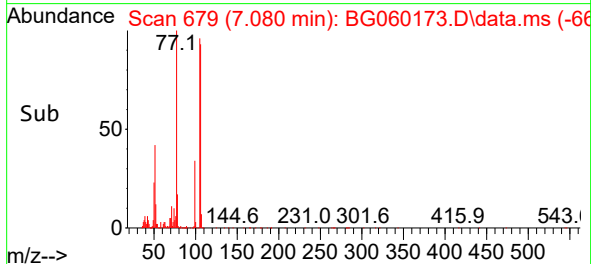
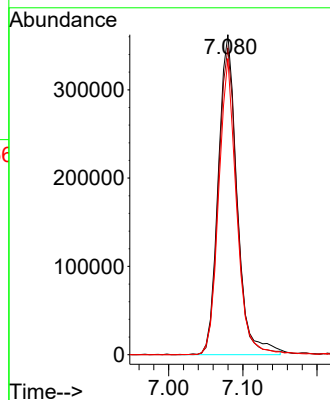
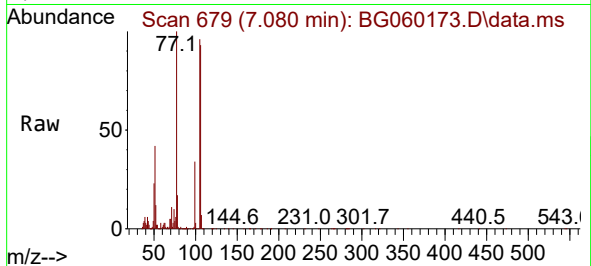




#9
Benzaldehyde
Concen: 42.113 ng
RT: 7.080 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

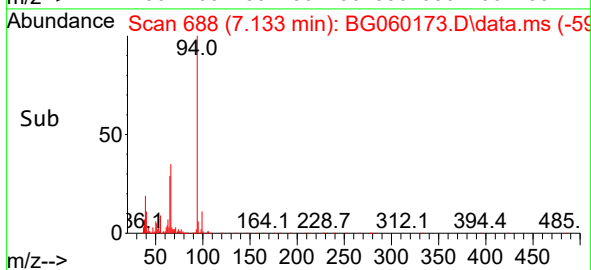
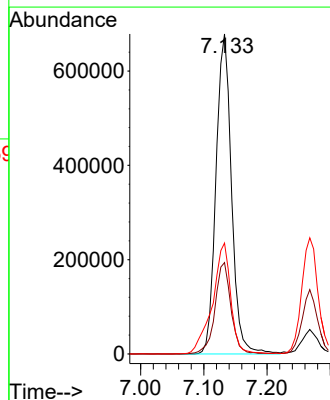
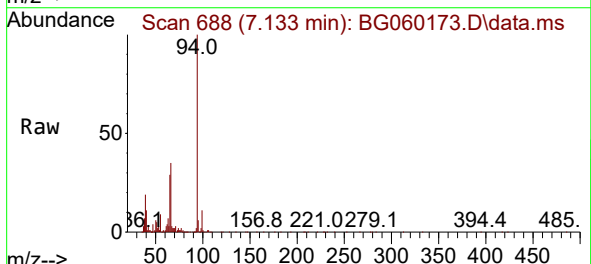
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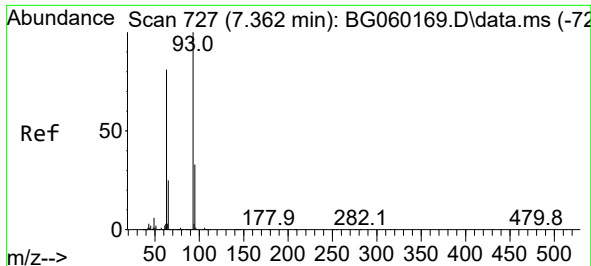
Tgt Ion: 77 Resp: 639552
Ion Ratio Lower Upper
77 100
105 95.8 74.2 114.2
106 92.6 73.0 113.0



#10
Phenol
Concen: 41.927 ng
RT: 7.133 min Scan# 688
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion: 94 Resp: 1157546
Ion Ratio Lower Upper
94 100
65 28.5 8.6 48.6
66 34.6 12.8 52.8

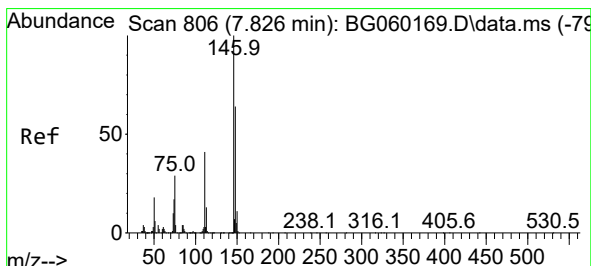
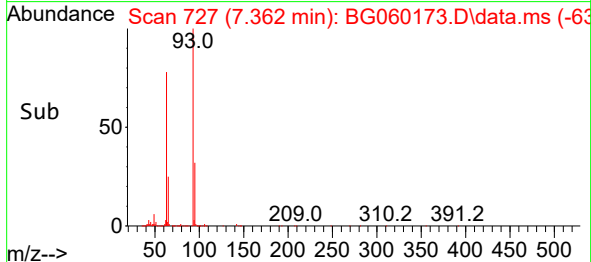
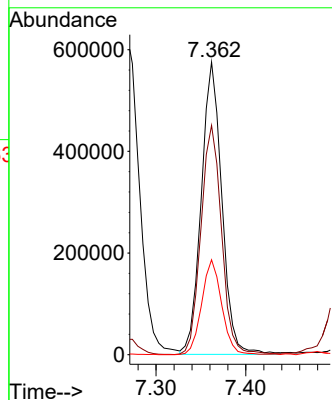
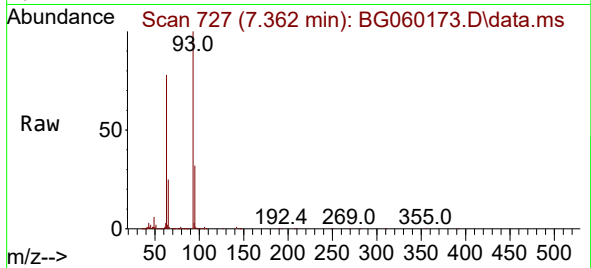




#11
bis(2-Chloroethyl)ether
Concen: 42.026 ng
RT: 7.362 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

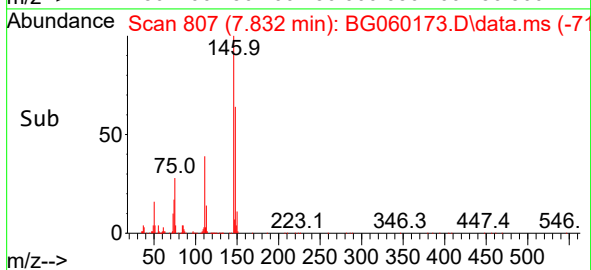
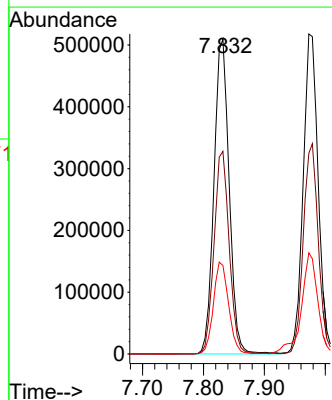
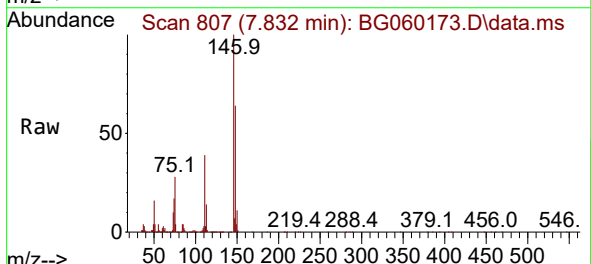
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

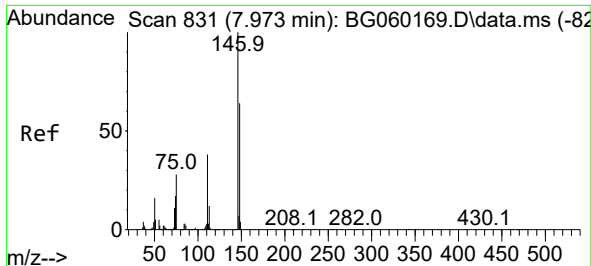
Tgt Ion: 93 Resp: 917468
Ion Ratio Lower Upper
93 100
63 78.3 60.1 100.1
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.850 ng
RT: 7.832 min Scan# 807
Delta R.T. 0.006 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion: 146 Resp: 882212
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
75 28.1 23.5 35.3

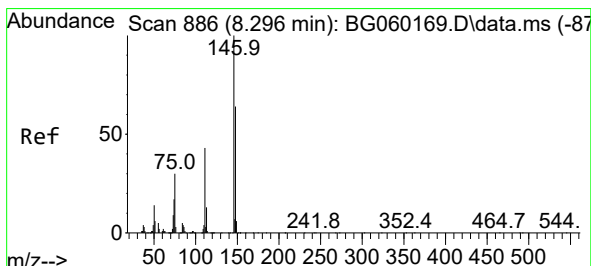
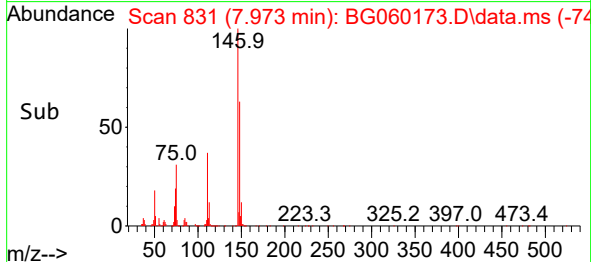
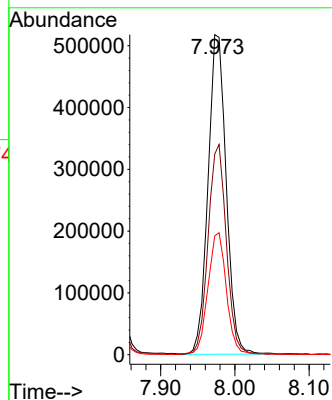
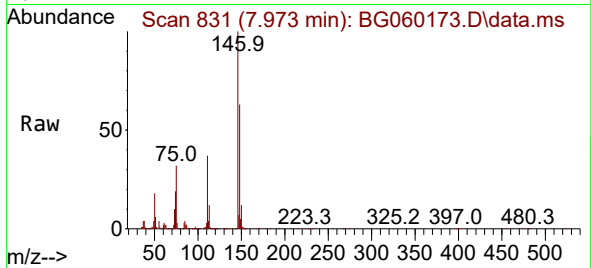




#13
1,4-Dichlorobenzene
Concen: 40.957 ng
RT: 7.973 min Scan# 831
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

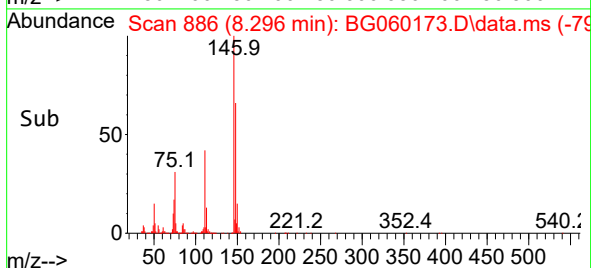
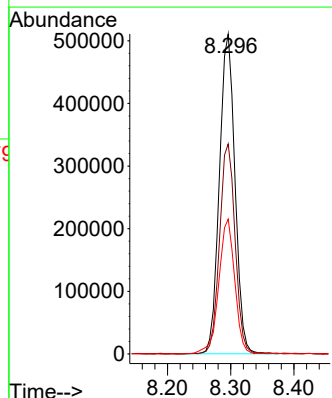
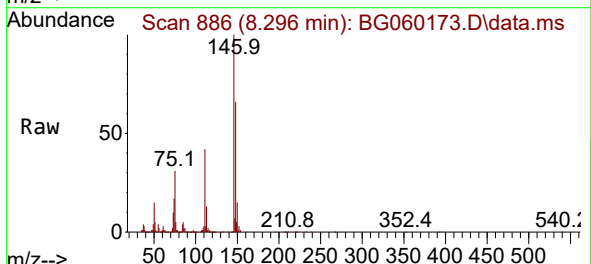
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

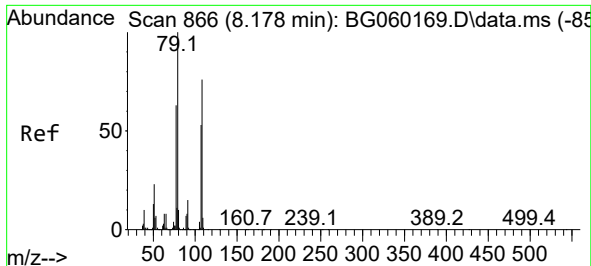
Tgt Ion:146 Resp: 883276
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.6
111 37.1 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 40.339 ng
RT: 8.296 min Scan# 886
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:146 Resp: 875190
Ion Ratio Lower Upper
146 100
148 65.7 51.0 76.6
111 42.2 34.2 51.2

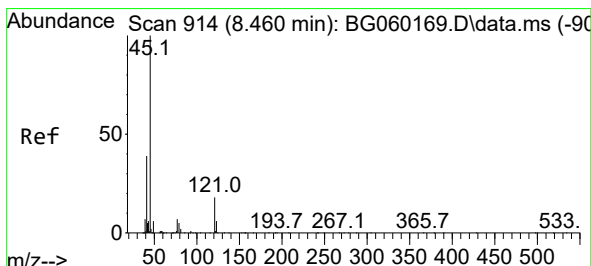
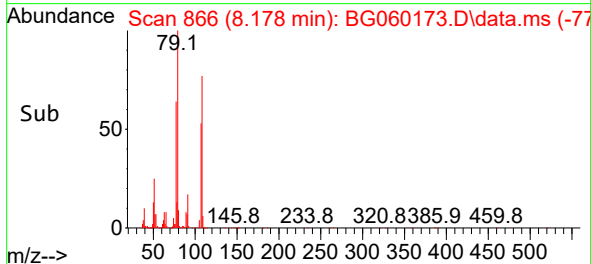
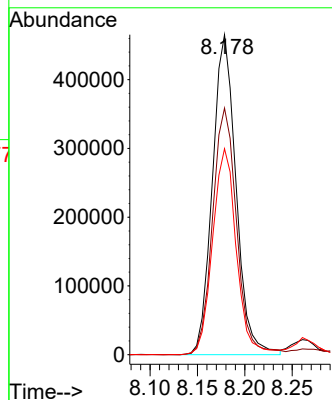
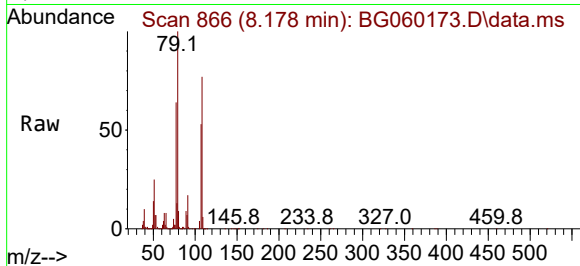




#15
Benzyl Alcohol
Concen: 42.756 ng
RT: 8.178 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

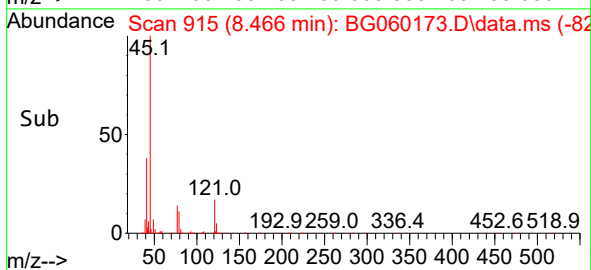
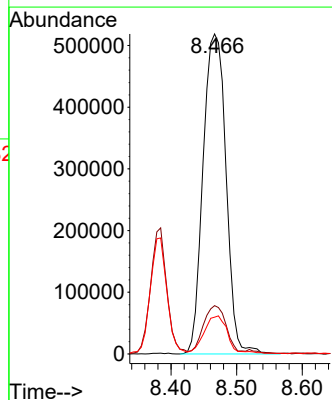
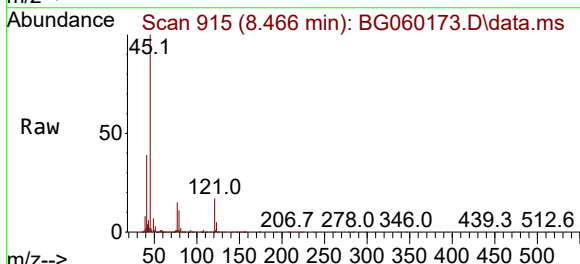
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

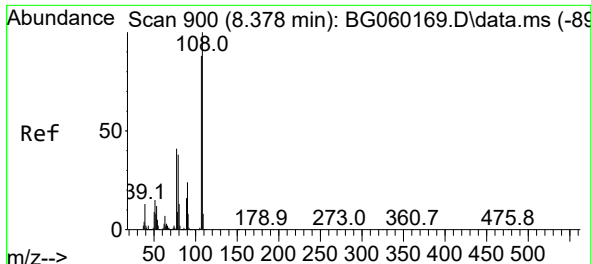
Tgt Ion: 79 Resp: 806435
Ion Ratio Lower Upper
79 100
108 77.1 60.9 91.3
77 64.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.368 ng
RT: 8.466 min Scan# 915
Delta R.T. 0.006 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion: 45 Resp: 1262909
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.7
79 11.5 0.0 31.4

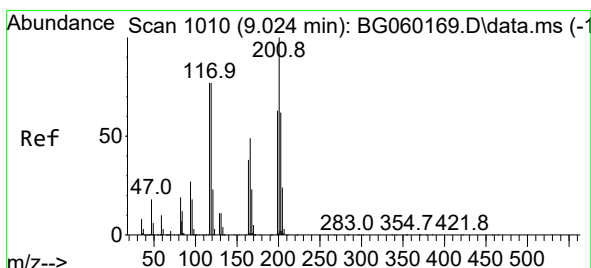
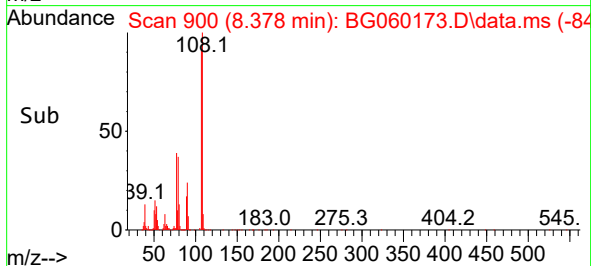
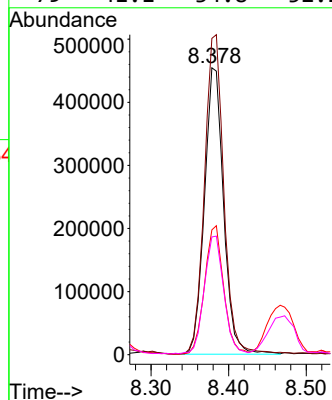
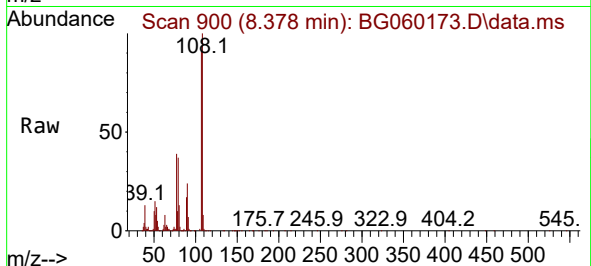




#17
2-Methylphenol
Concen: 41.660 ng
RT: 8.378 min Scan# 900
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

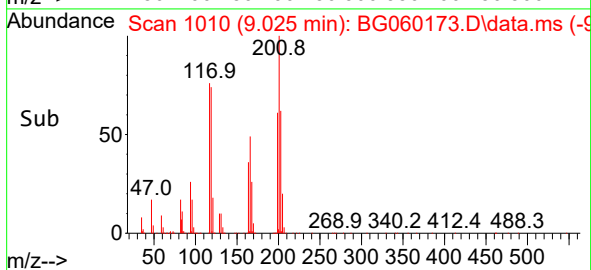
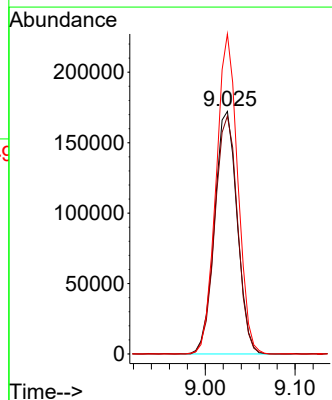
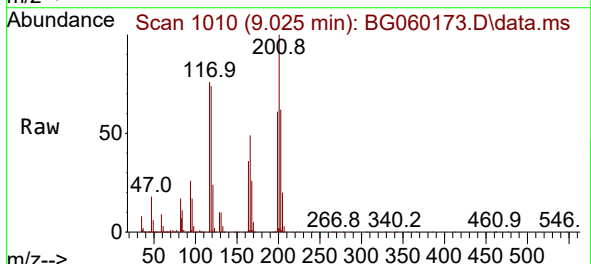
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

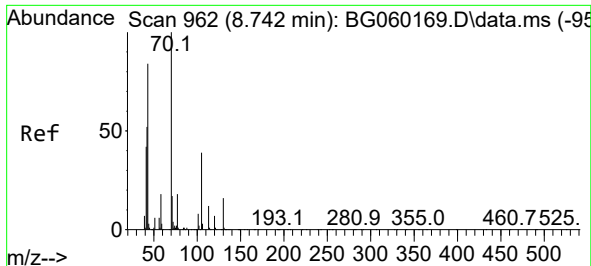
Tgt Ion:	107	Resp:	779547
Ion	Ratio	Lower	Upper
107	100		
108	110.3	91.4	137.2
77	43.5	37.8	56.6
79	41.1	34.8	52.2



#18
Hexachloroethane
Concen: 40.736 ng
RT: 9.025 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:	117	Resp:	301162
Ion	Ratio	Lower	Upper
117	100		
119	98.1	80.7	121.1
201	131.9	104.3	156.5





#19

n-Nitroso-di-n-propylamine

Concen: 41.788 ng

RT: 8.748 min Scan# 90

Delta R.T. 0.006 min

Lab File: BG060173.D

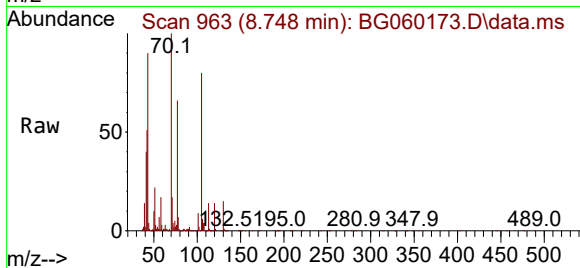
Acq: 26 Dec 2023 16:36

Instrument :

BNA_G

ClientSampleId :

ICVBG122623



Tgt Ion: 70 Resp: 843792

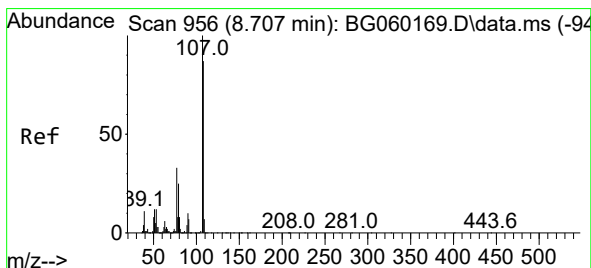
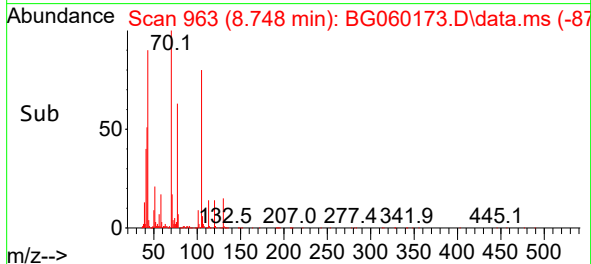
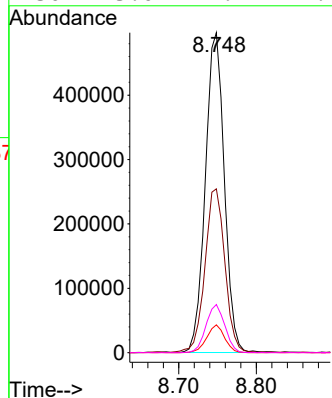
Ion Ratio Lower Upper

70 100

42 51.2 41.8 62.6

101 8.7 6.6 10.0

130 15.0 12.7 19.1



#20

3+4-Methylphenols

Concen: 42.251 ng

RT: 8.713 min Scan# 957

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Tgt Ion:107 Resp: 1106108

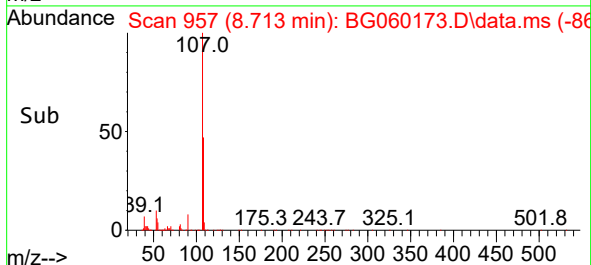
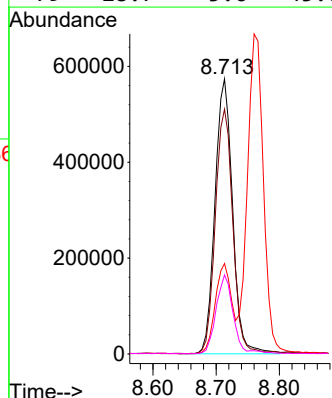
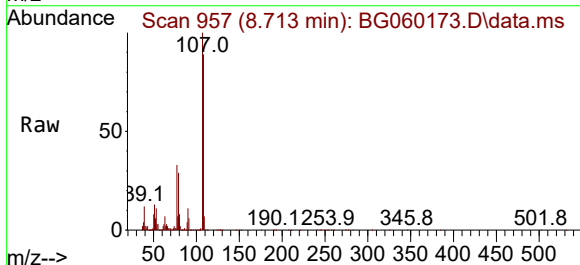
Ion Ratio Lower Upper

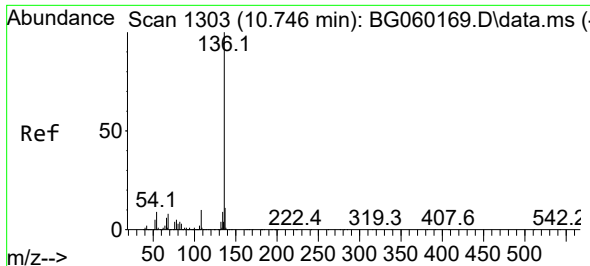
107 100

108 89.0 66.8 106.8

77 32.9 12.8 52.8

79 28.7 5.6 45.6

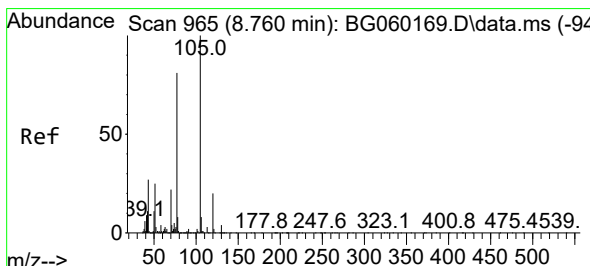
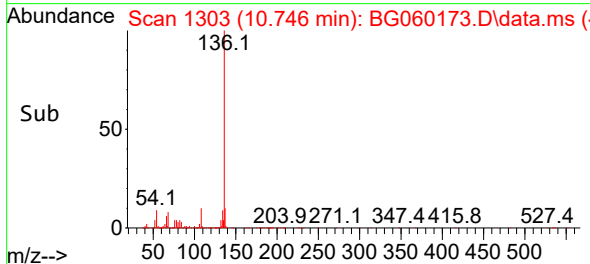
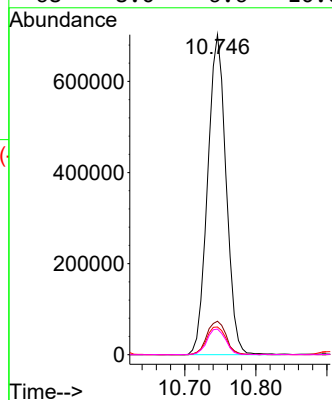
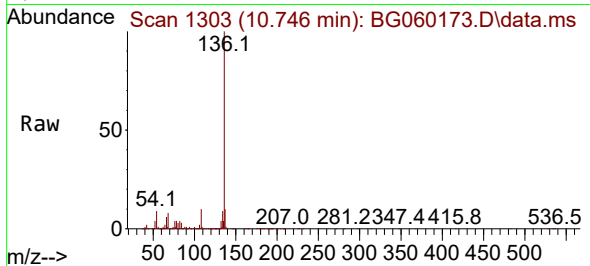




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

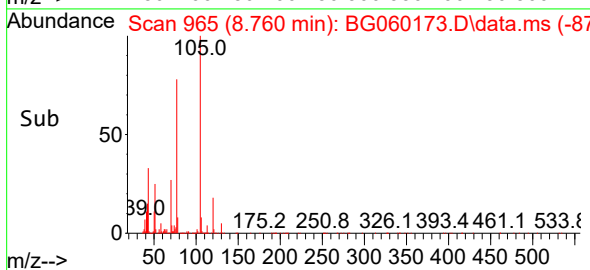
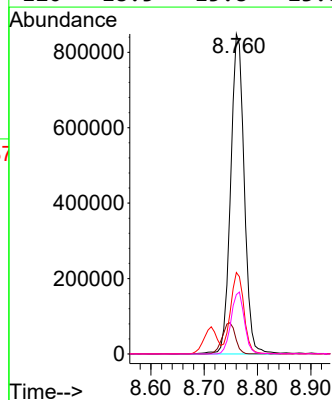
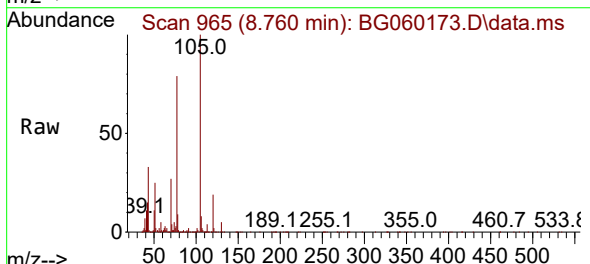
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

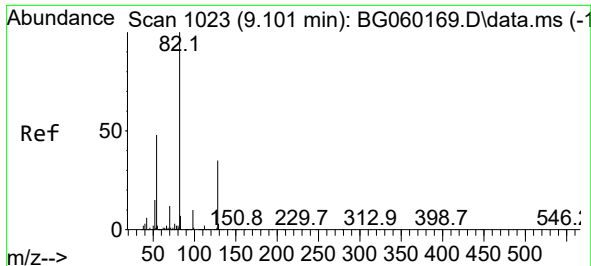
Tgt Ion:136 Resp: 1266399
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 8.6 7.5 11.3
68 8.0 6.6 10.0



#22
Acetophenone
Concen: 41.079 ng
RT: 8.760 min Scan# 965
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:105 Resp: 1500133
Ion Ratio Lower Upper
105 100
71 4.3 3.0 4.4
51 25.4 20.2 30.4
120 18.5 15.8 23.8

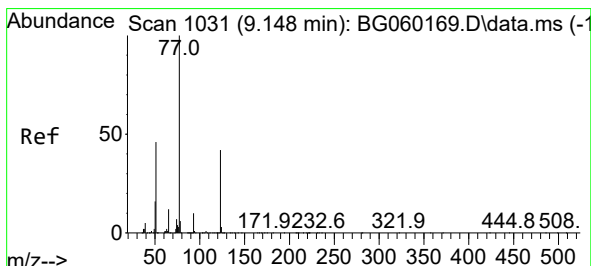
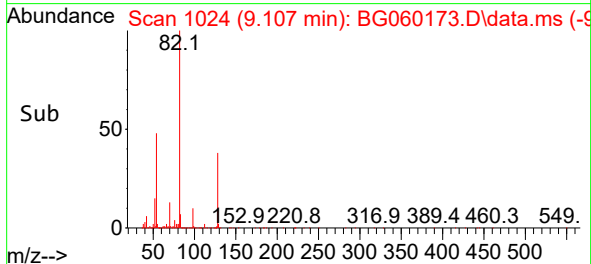
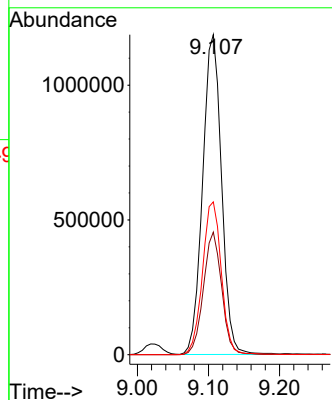
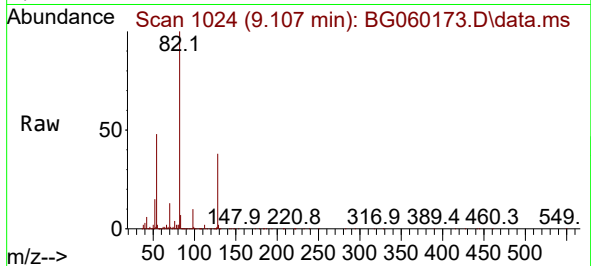




#23
Nitrobenzene-d5
Concen: 81.833 ng
RT: 9.107 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

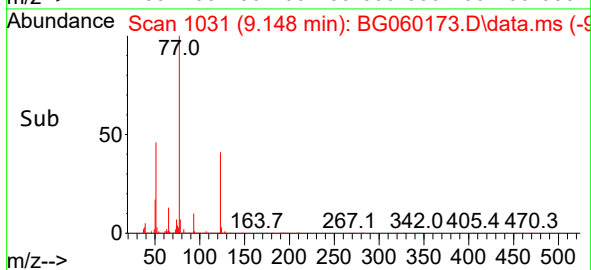
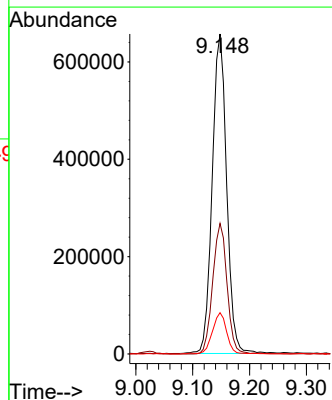
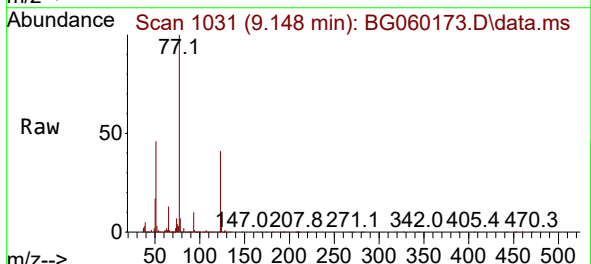
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

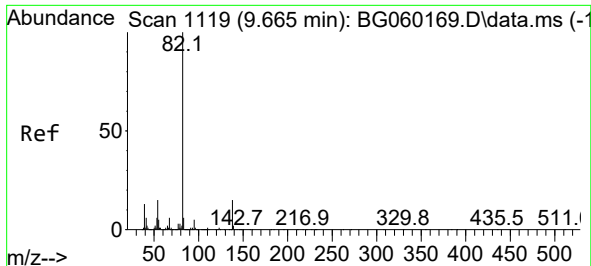
Tgt Ion: 82 Resp: 2192465
Ion Ratio Lower Upper
82 100
128 38.3 28.2 42.2
54 47.8 38.5 57.7



#24
Nitrobenzene
Concen: 41.195 ng
RT: 9.148 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion: 77 Resp: 1153374
Ion Ratio Lower Upper
77 100
123 40.8 33.2 49.8
65 12.9 9.2 13.8

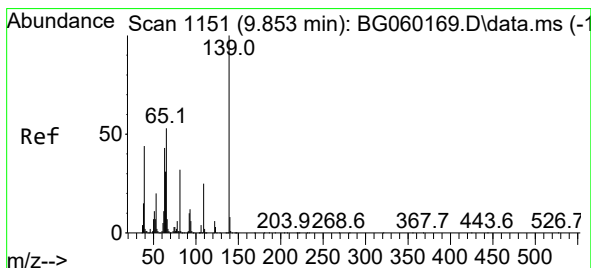
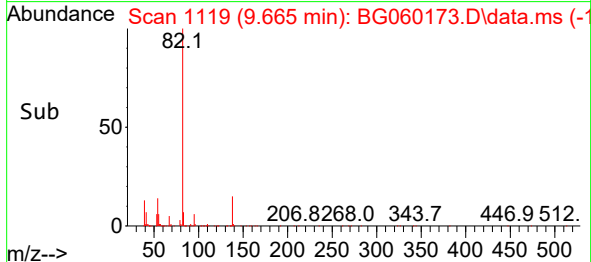
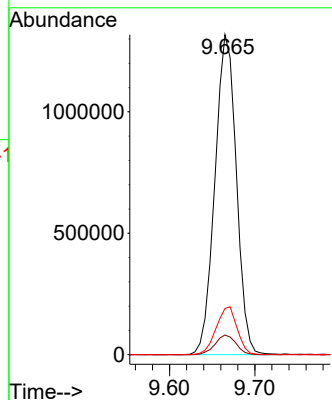
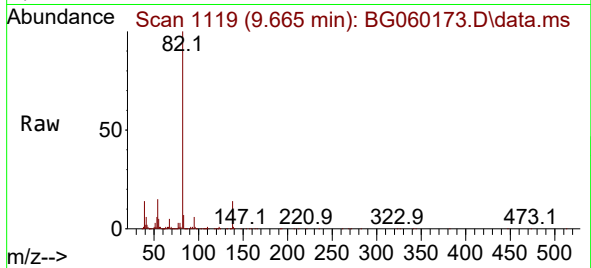




#25
Isophorone
Concen: 40.352 ng
RT: 9.665 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

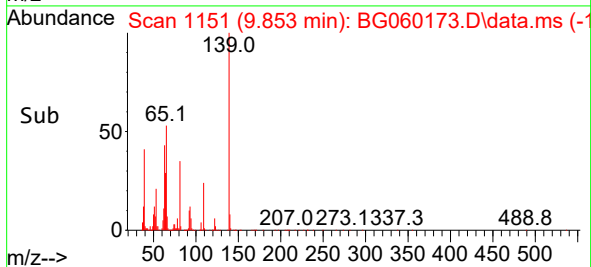
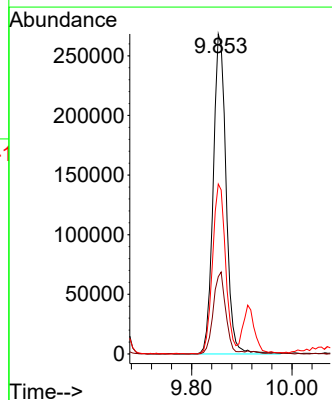
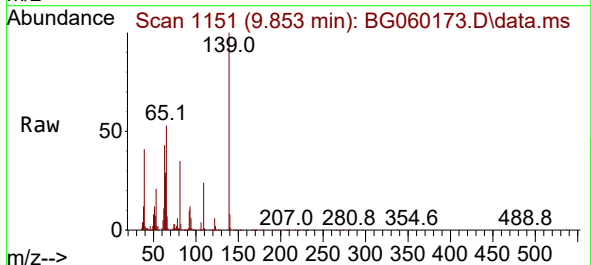
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

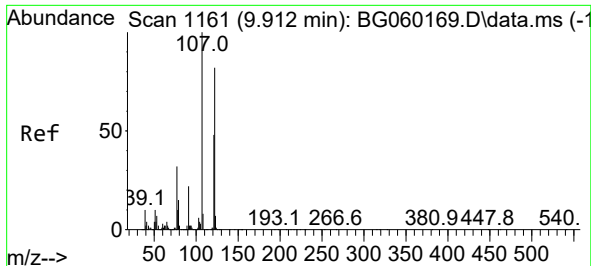
Tgt Ion: 82 Resp: 2304416
Ion Ratio Lower Upper
82 100
95 6.1 4.2 6.2
138 14.5 12.1 18.1



#26
2-Nitrophenol
Concen: 43.552 ng
RT: 9.853 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:139 Resp: 478353
Ion Ratio Lower Upper
139 100
109 24.2 19.9 29.9
65 53.1 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 42.143 ng

RT: 9.912 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA_G

ClientSampleId :

ICVBG122623

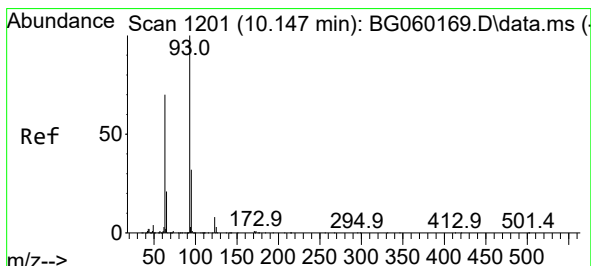
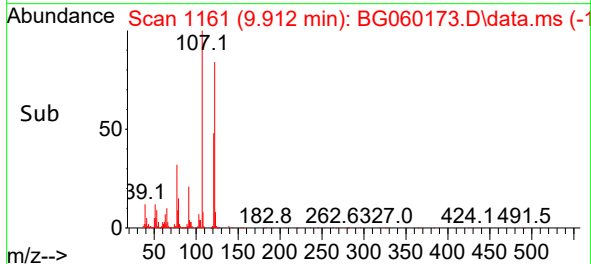
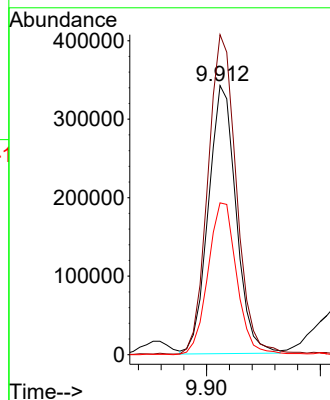
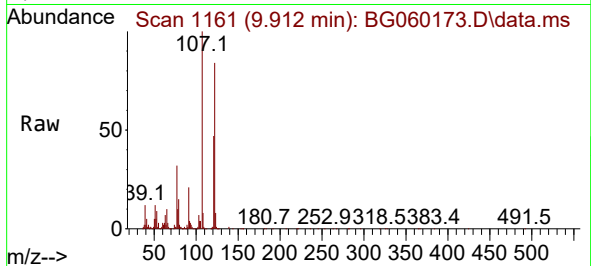
Tgt Ion:122 Resp: 579715

Ion Ratio Lower Upper

122 100

107 118.9 96.9 145.3

121 56.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.726 ng

RT: 10.153 min Scan# 1202

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

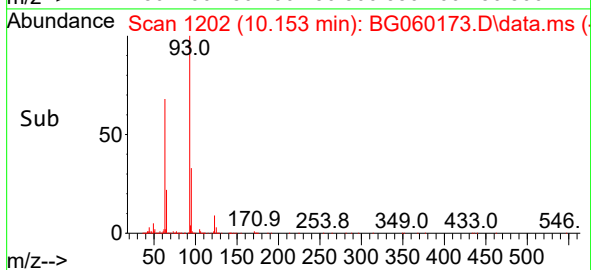
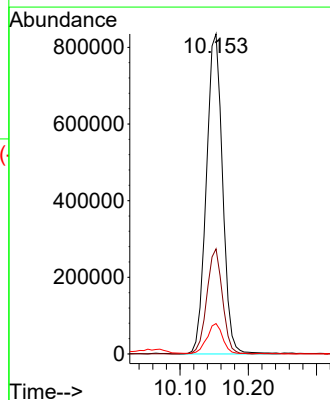
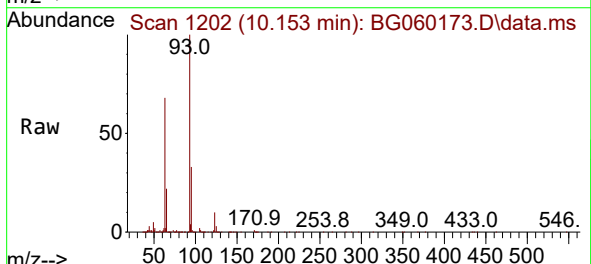
Tgt Ion: 93 Resp: 1378723

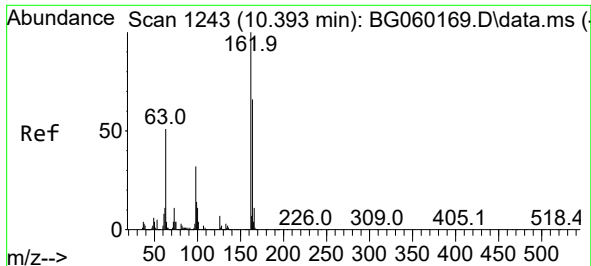
Ion Ratio Lower Upper

93 100

95 32.8 25.6 38.4

123 9.5 7.1 10.7

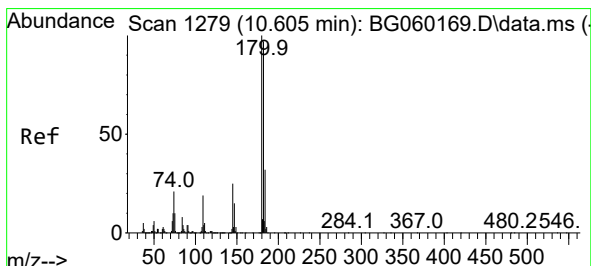
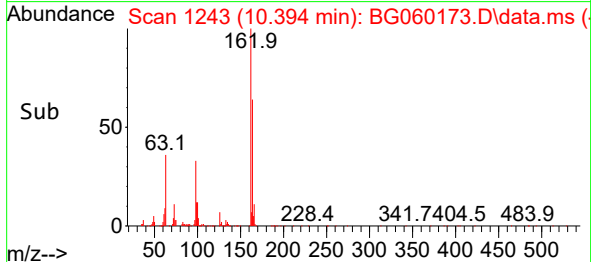
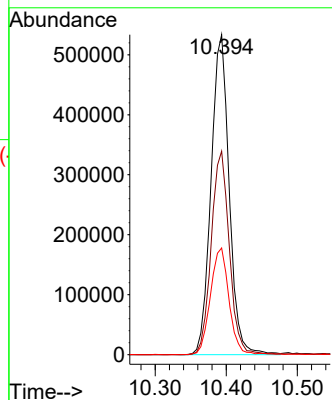
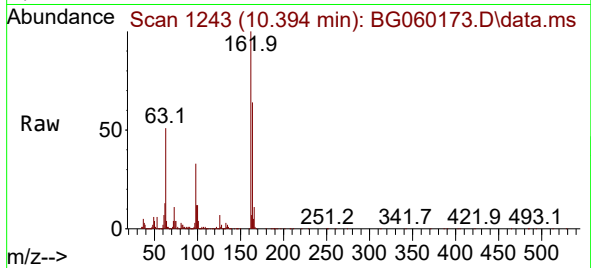




#29
2,4-Dichlorophenol
Concen: 42.431 ng
RT: 10.394 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

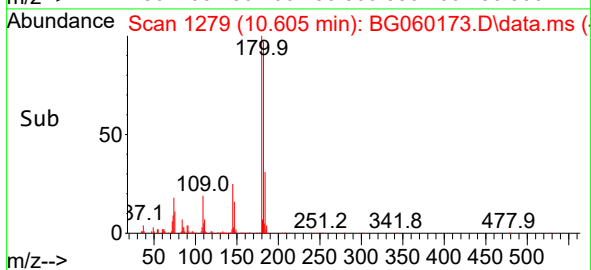
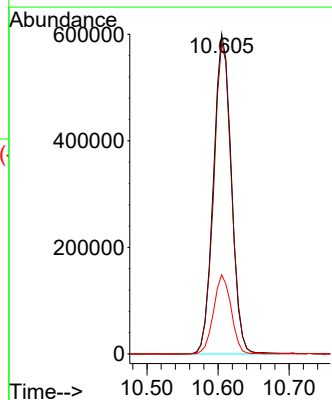
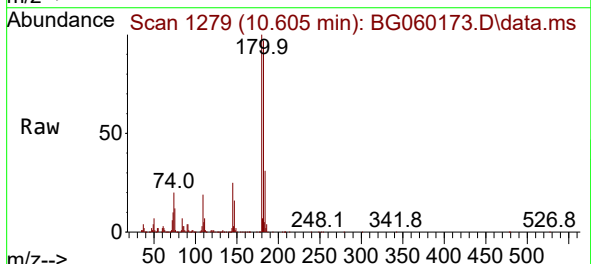
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

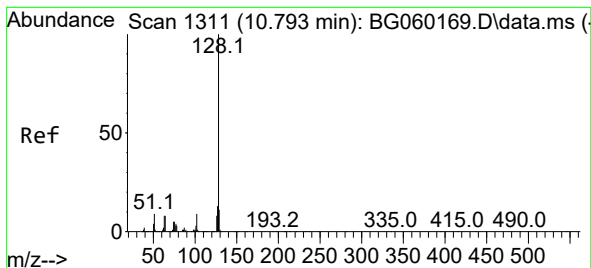
Tgt Ion:162 Resp: 945584
Ion Ratio Lower Upper
162 100
164 63.6 46.4 86.4
98 33.3 11.8 51.8



#30
1,2,4-Trichlorobenzene
Concen: 41.309 ng
RT: 10.605 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:180 Resp: 1049506
Ion Ratio Lower Upper
180 100
182 97.4 77.6 116.4
145 24.7 20.2 30.2





#31

Naphthalene

Concen: 40.884 ng

RT: 10.793 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA_G

ClientSampleId :

ICVBG122623

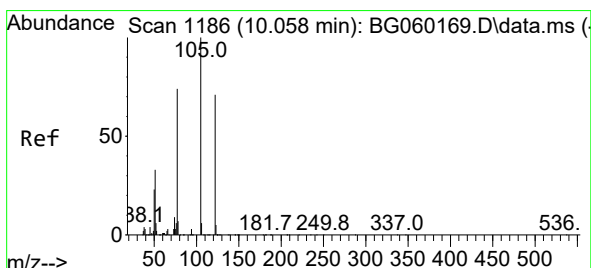
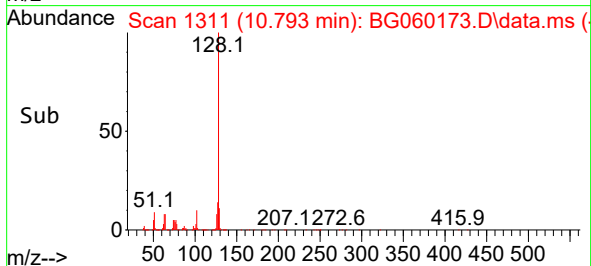
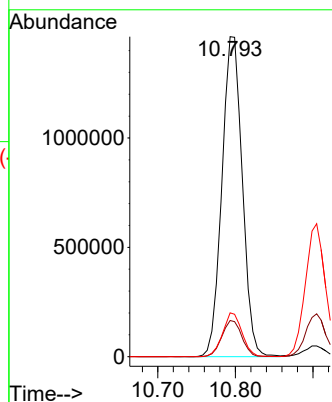
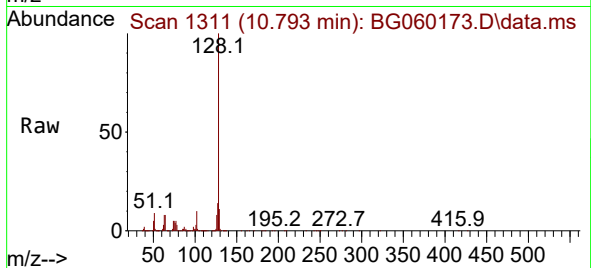
Tgt Ion:128 Resp: 2678216

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.7 10.6 16.0



#32

Benzoic acid

Concen: 40.288 ng

RT: 10.065 min Scan# 1187

Delta R.T. 0.007 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

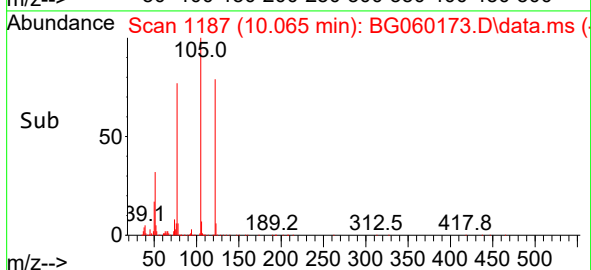
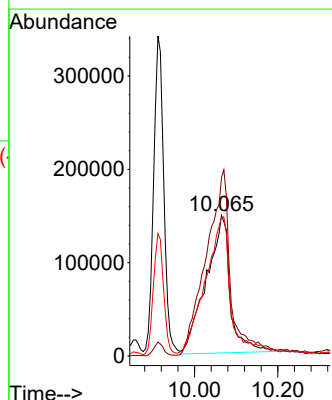
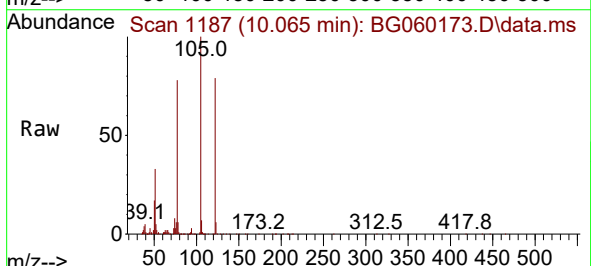
Tgt Ion:122 Resp: 590730

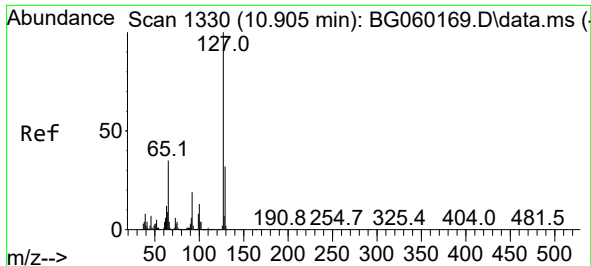
Ion Ratio Lower Upper

122 100

105 126.7 116.9 156.9

77 98.6 82.5 122.5



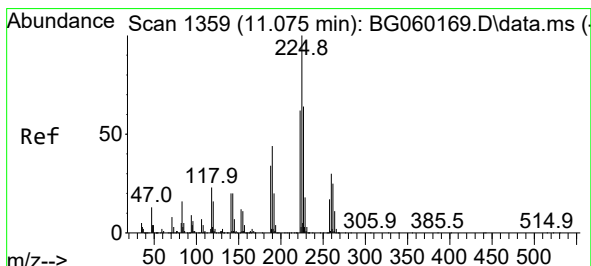
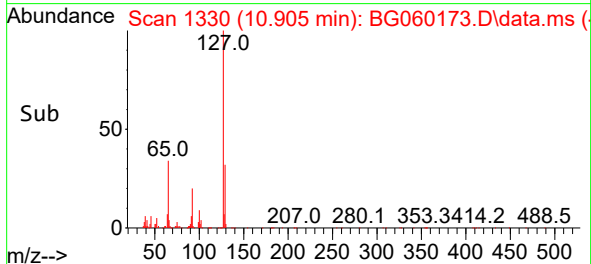
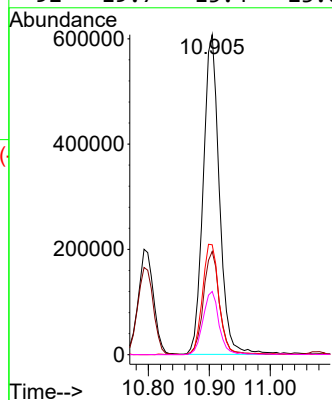
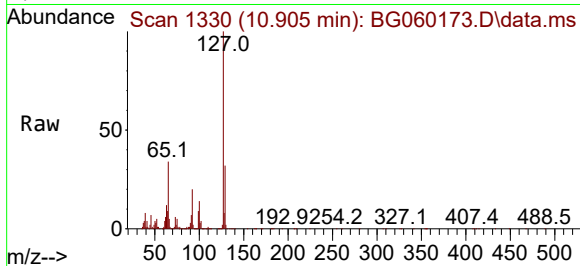


#33
4-Chloroaniline
Concen: 42.108 ng
RT: 10.905 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Instrument :
BNA_G
ClientSampleId :
ICVBG122623

Tgt Ion:127 Resp: 1120730

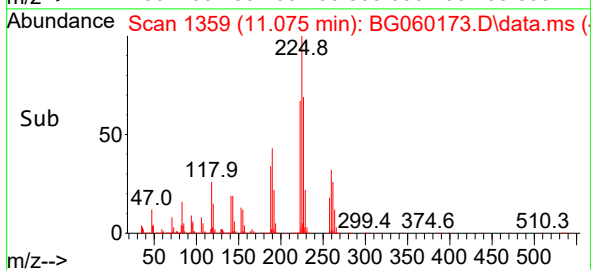
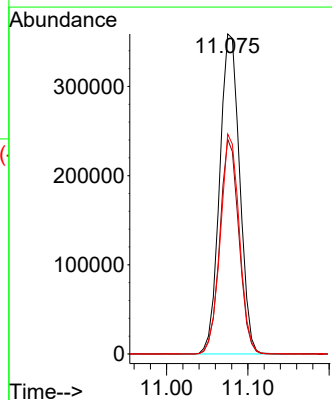
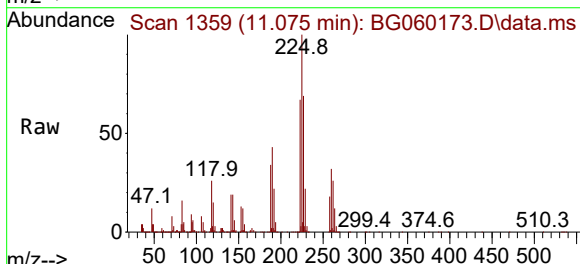
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	34.4	28.1	42.1
92	19.7	15.4	23.0

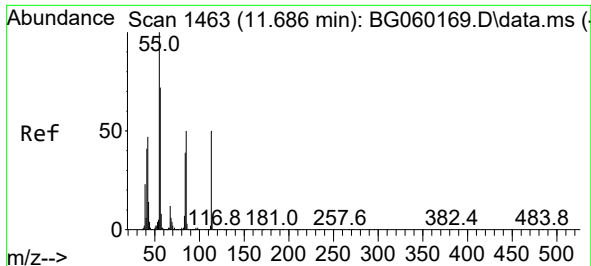


#34
Hexachlorobutadiene
Concen: 40.556 ng
RT: 11.075 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:225 Resp: 613534

Ion	Ratio	Lower	Upper
225	100		
223	70.0	49.8	74.6
227	71.3	51.2	76.8

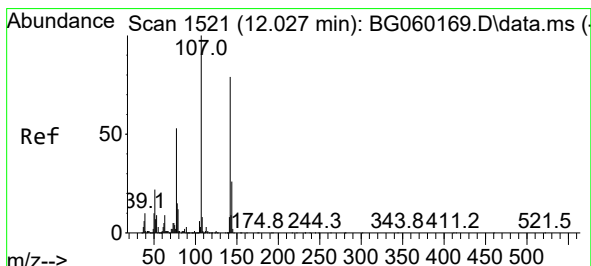
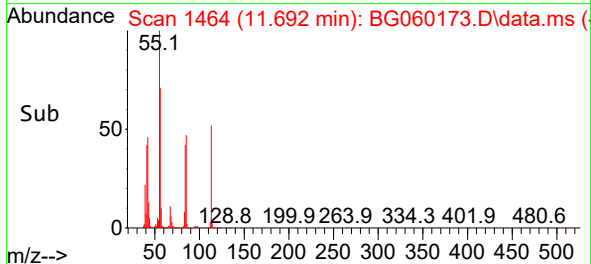
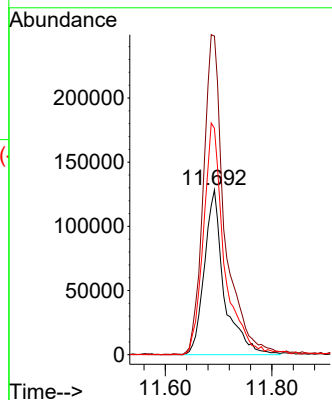
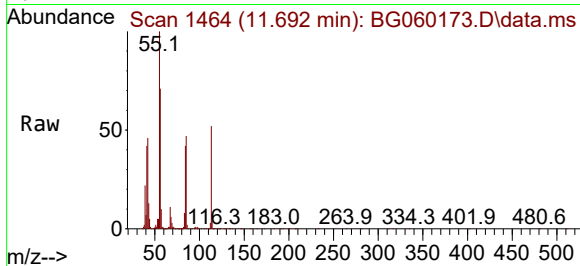




#35
Caprolactam
Concen: 41.229 ng
RT: 11.692 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

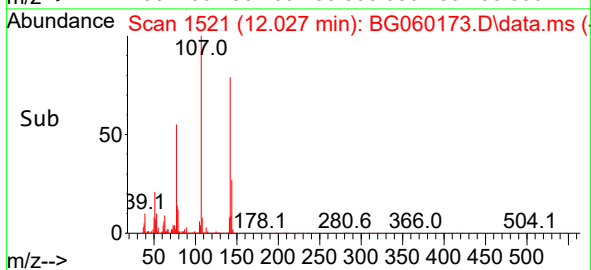
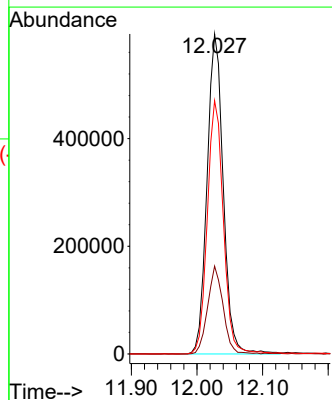
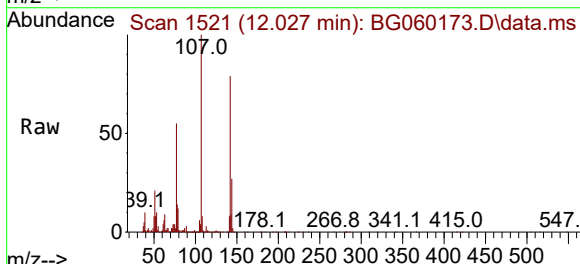
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

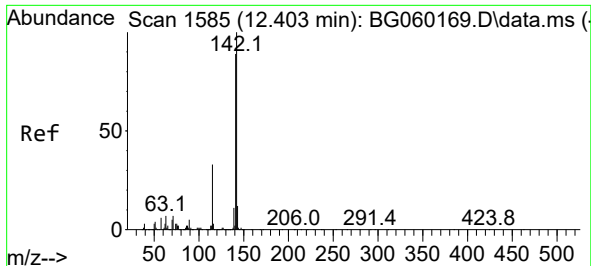
Tgt Ion:113 Resp: 331192
Ion Ratio Lower Upper
113 100
55 193.4 181.3 221.3
56 137.3 125.6 165.6



#36
4-Chloro-3-methylphenol
Concen: 42.321 ng
RT: 12.027 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:107 Resp: 1021939
Ion Ratio Lower Upper
107 100
144 27.4 20.6 31.0
142 79.2 63.0 94.4

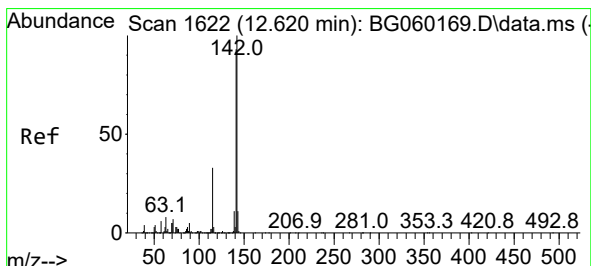
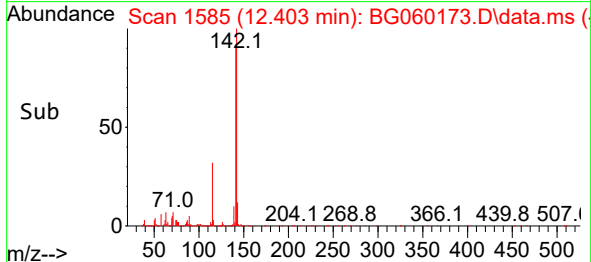
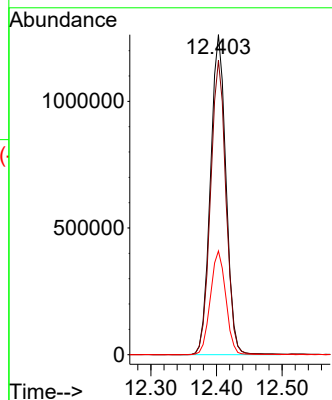
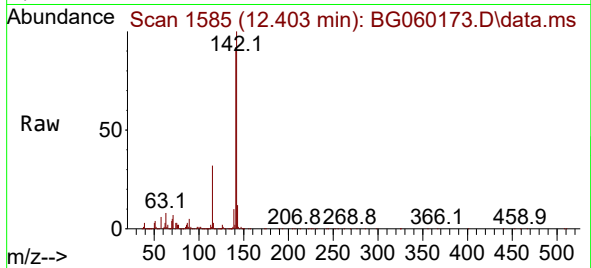




#37
2-Methylnaphthalene
Concen: 41.457 ng
RT: 12.403 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

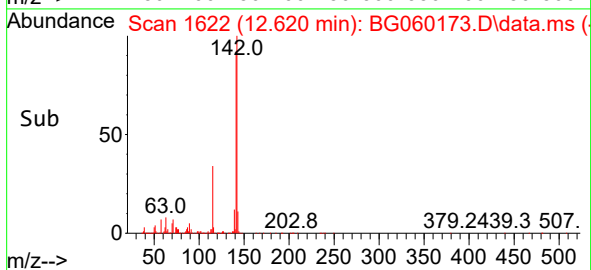
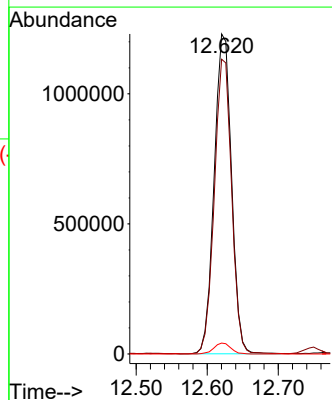
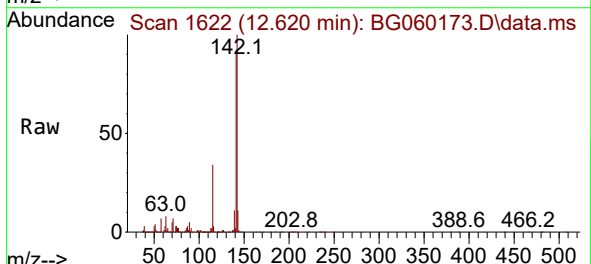
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

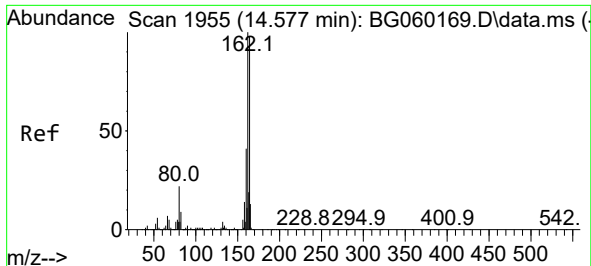
Tgt Ion:142 Resp: 2083489
Ion Ratio Lower Upper
142 100
141 92.0 71.6 107.4
115 32.4 26.3 39.5



#38
1-Methylnaphthalene
Concen: 41.071 ng
RT: 12.620 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:142 Resp: 2073451
Ion Ratio Lower Upper
142 100
141 92.1 74.2 111.2
116 3.4 2.5 3.7

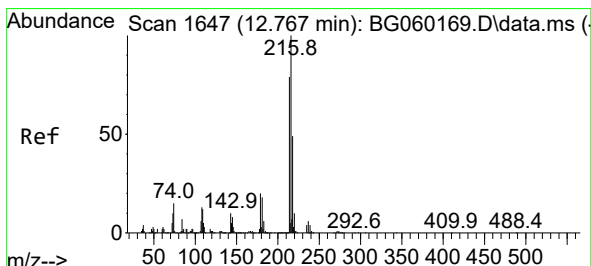
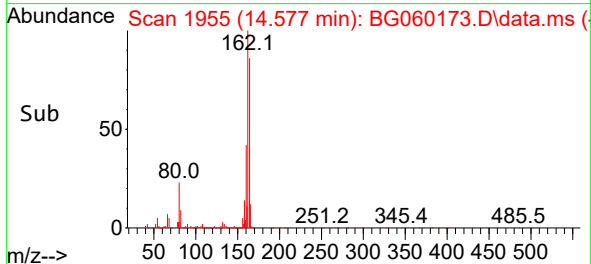
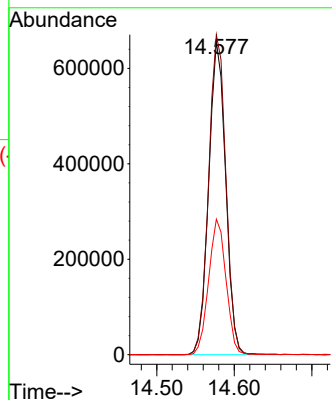
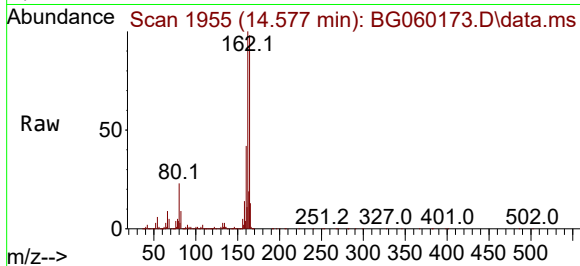




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

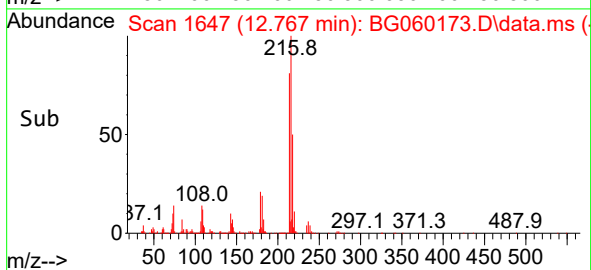
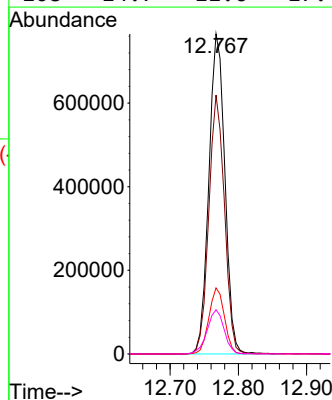
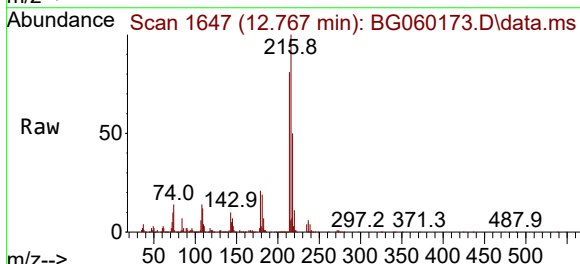
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

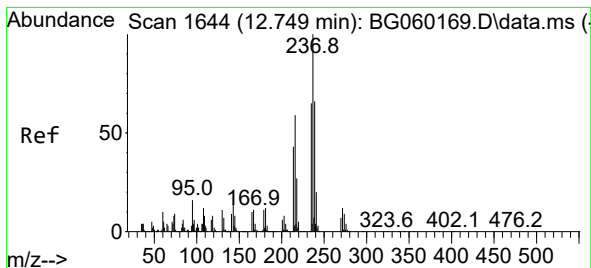
Tgt Ion:164 Resp: 995020
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.2
160 43.3 33.8 50.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.642 ng
RT: 12.767 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:216 Resp: 1249695
Ion Ratio Lower Upper
216 100
214 79.3 62.8 94.2
179 20.1 15.5 23.3
108 14.7 11.6 17.4





#41

Hexachlorocyclopentadiene

Concen: 43.494 ng

RT: 12.750 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA_G

ClientSampleId :

ICVBG122623

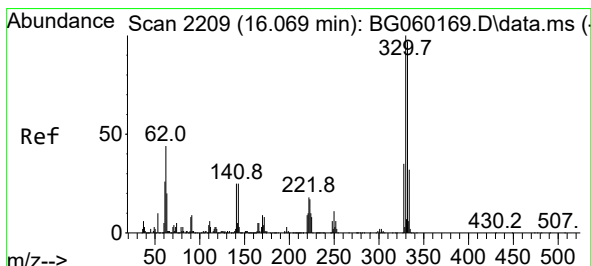
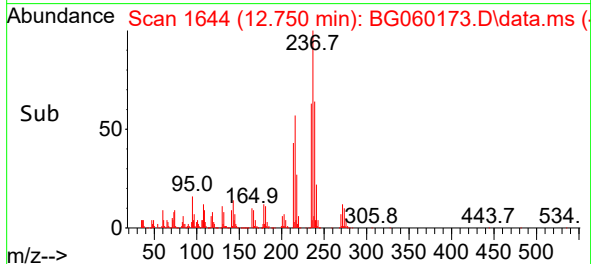
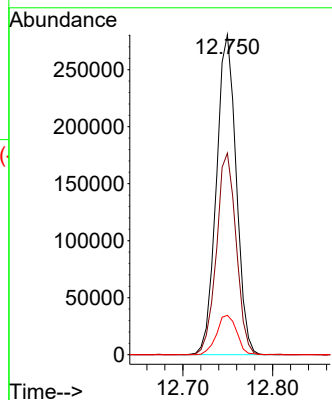
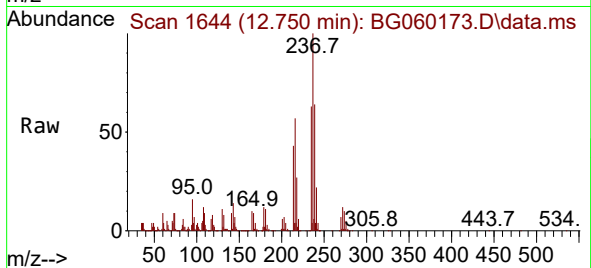
Tgt Ion:237 Resp: 429764

Ion Ratio Lower Upper

237 100

235 63.0 45.4 85.4

272 12.3 0.0 32.1



#42

2,4,6-Tribromophenol

Concen: 83.373 ng

RT: 16.069 min Scan# 2209

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

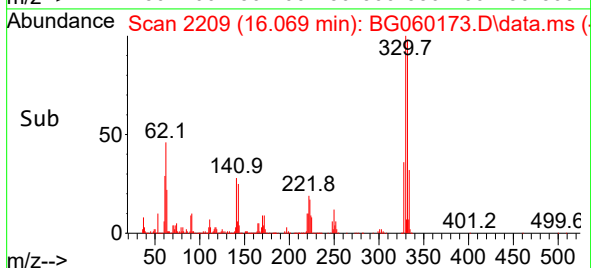
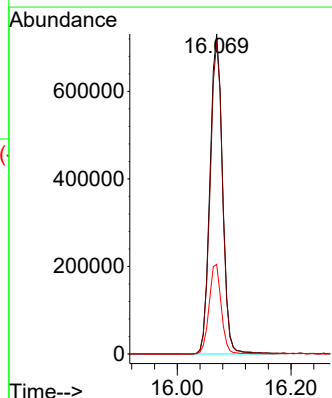
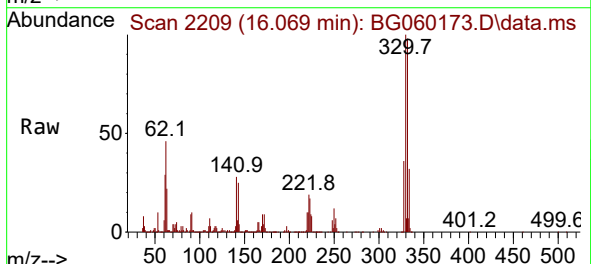
Tgt Ion:330 Resp: 1113271

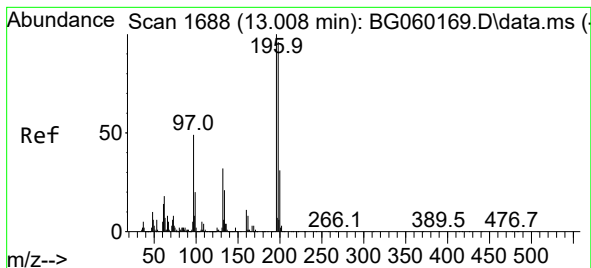
Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 27.3 21.2 31.8





#43

2,4,6-Trichlorophenol

Concen: 42.712 ng

RT: 13.008 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA_G

ClientSampleId :

ICVBG122623

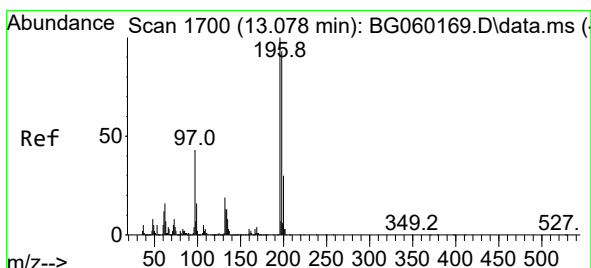
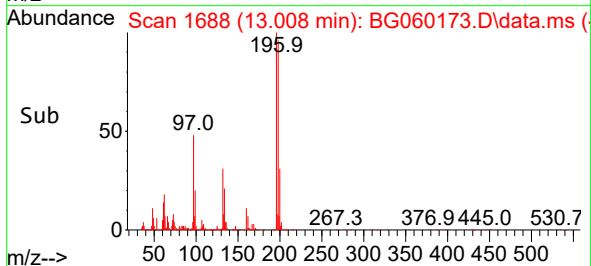
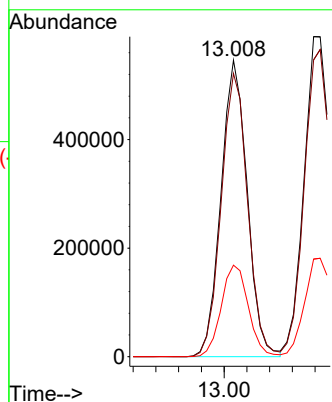
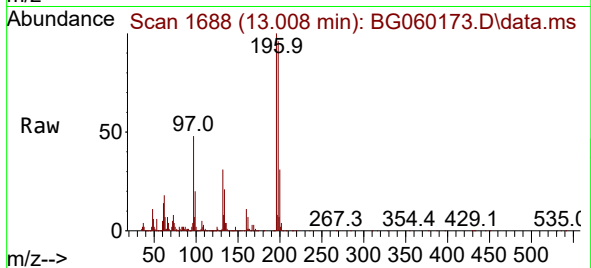
Tgt Ion:196 Resp: 874848

Ion Ratio Lower Upper

196 100

198 95.5 76.5 114.7

200 30.9 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 43.519 ng

RT: 13.079 min Scan# 1700

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Tgt Ion:196 Resp: 998481

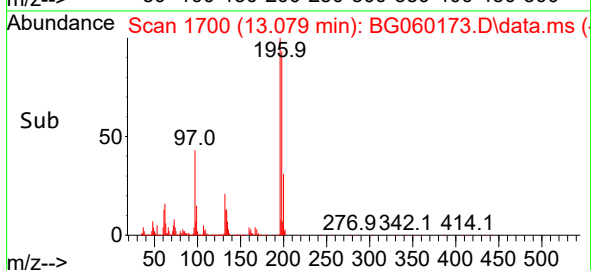
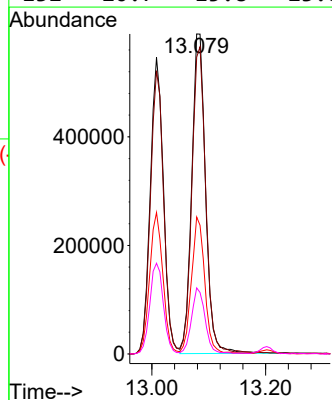
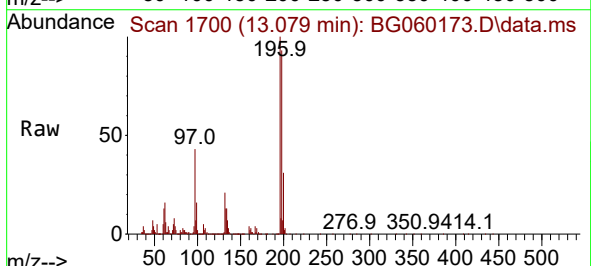
Ion Ratio Lower Upper

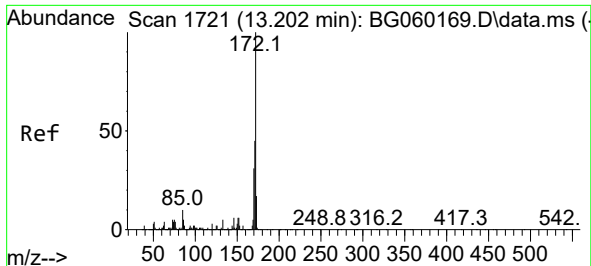
196 100

198 92.7 74.6 111.8

97 42.8 34.0 51.0

132 20.7 15.8 23.8

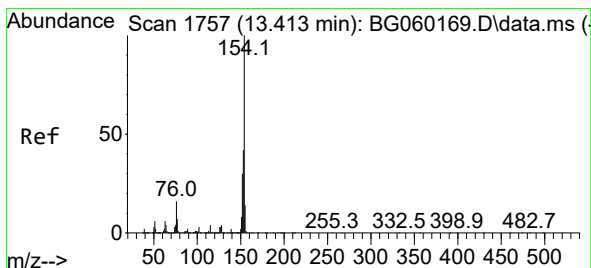
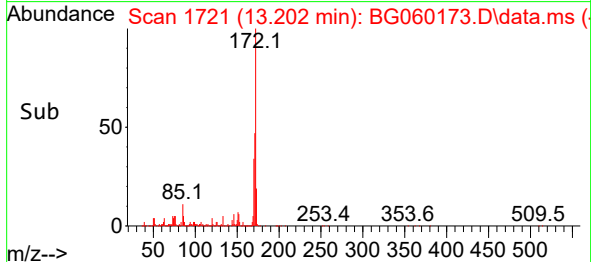
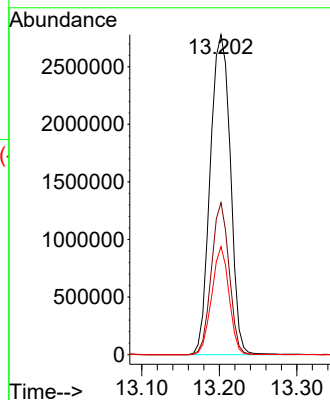
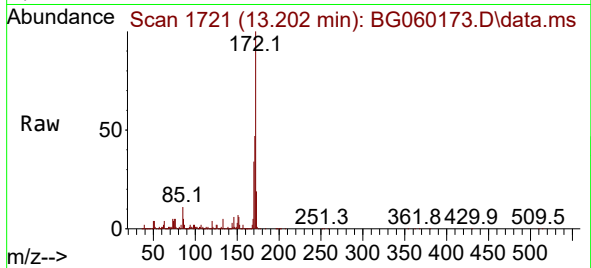




#45
2-Fluorobiphenyl
Concen: 79.045 ng
RT: 13.202 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

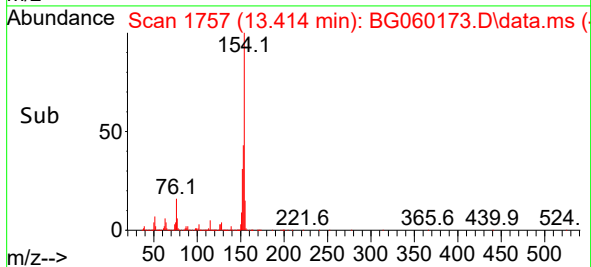
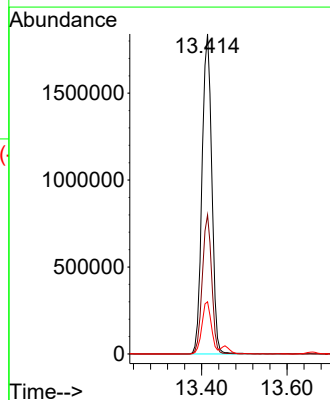
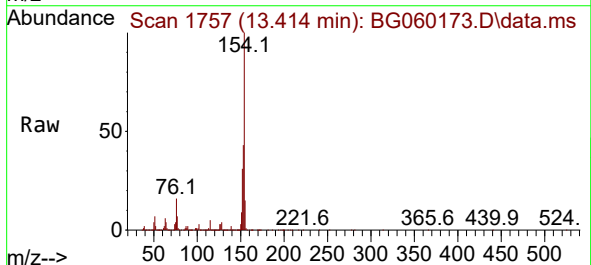
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

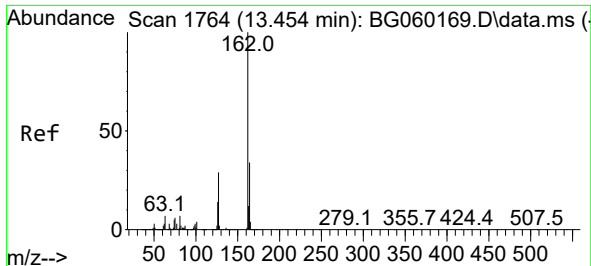
Tgt Ion:172 Resp: 5014556
Ion Ratio Lower Upper
172 100
171 47.5 36.0 54.0
170 33.7 24.9 37.3



#46
1,1'-Biphenyl
Concen: 41.329 ng
RT: 13.414 min Scan# 1757
Delta R.T. 0.001 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:154 Resp: 2924313
Ion Ratio Lower Upper
154 100
153 43.4 22.5 62.5
76 16.3 0.0 36.1

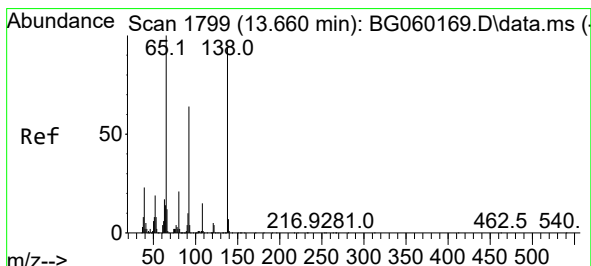
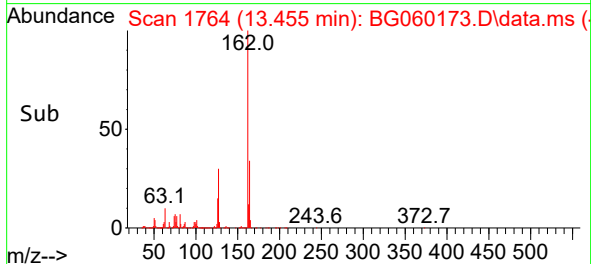
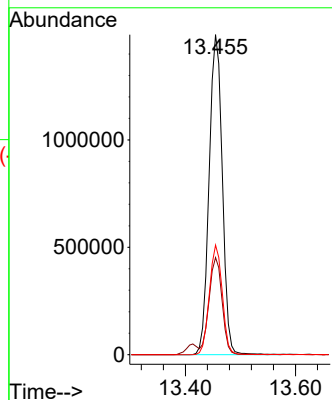
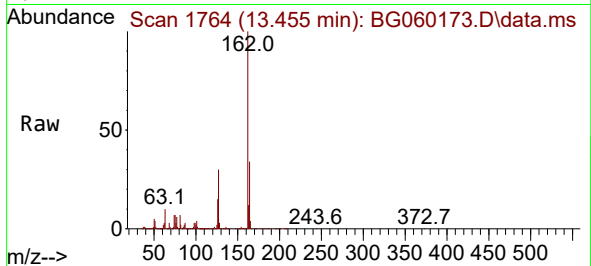




#47
2-Chloronaphthalene
Concen: 41.137 ng
RT: 13.455 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

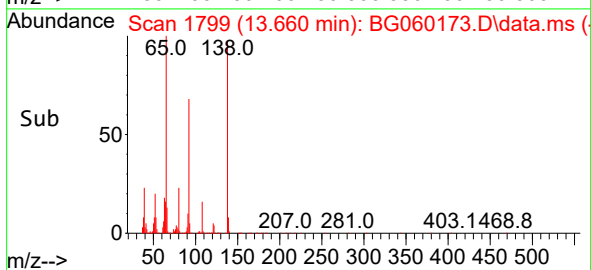
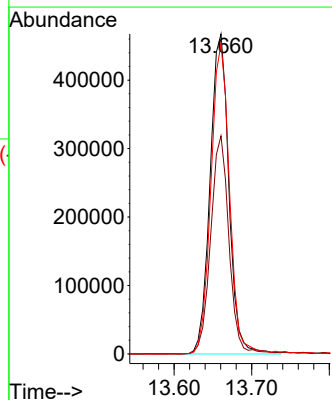
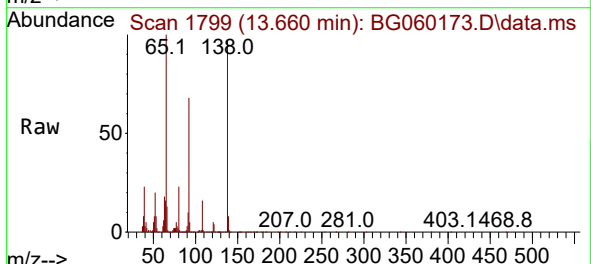
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

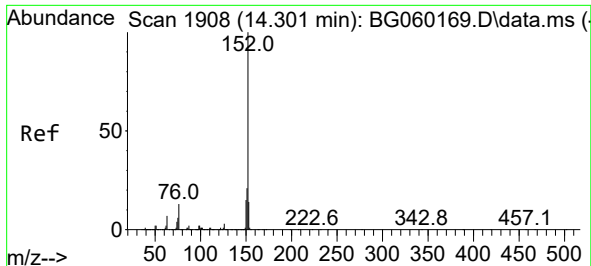
Tgt Ion:162 Resp: 2479402
Ion Ratio Lower Upper
162 100
127 30.4 24.4 36.6
164 34.3 26.9 40.3



#48
2-Nitroaniline
Concen: 43.627 ng
RT: 13.660 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion: 65 Resp: 784400
Ion Ratio Lower Upper
65 100
92 68.1 51.6 77.4
138 97.0 74.9 112.3

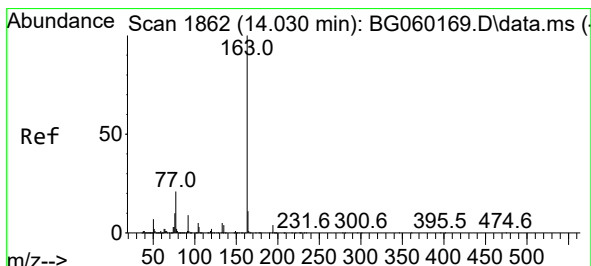
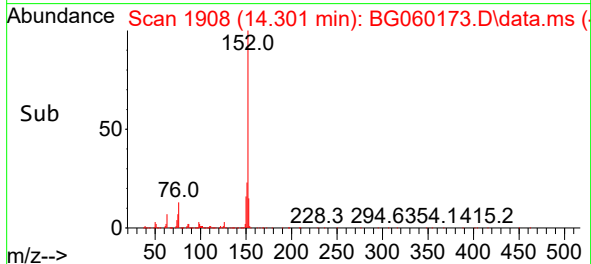
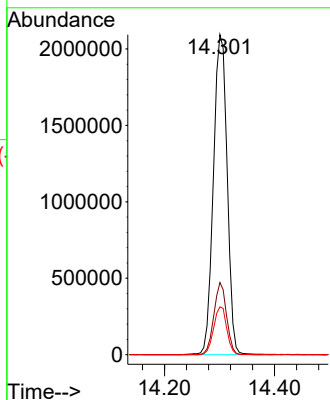
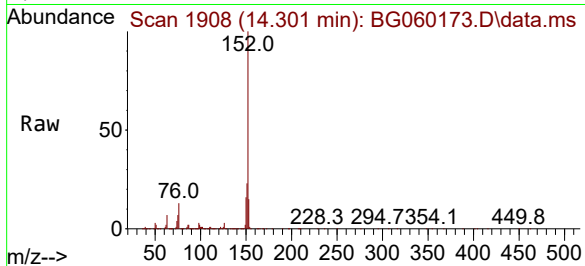




#49
Acenaphthylene
Concen: 42.145 ng
RT: 14.301 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

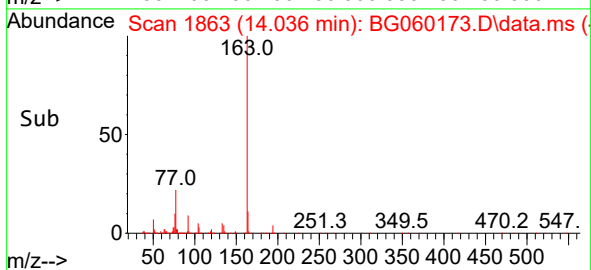
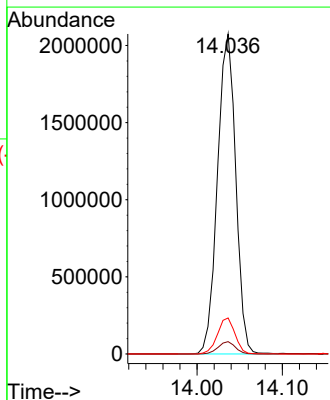
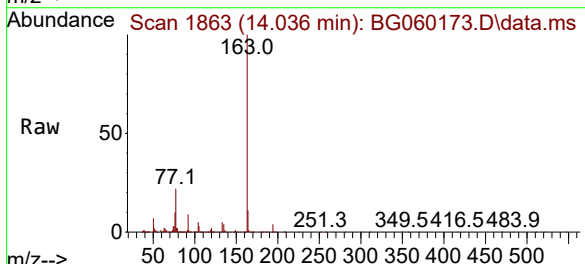
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

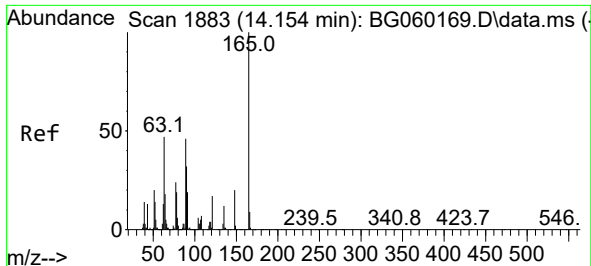
Tgt Ion:152 Resp: 3637273
Ion Ratio Lower Upper
152 100
151 22.5 16.7 25.1
153 15.0 11.5 17.3



#50
Dimethylphthalate
Concen: 41.316 ng
RT: 14.036 min Scan# 1863
Delta R.T. 0.006 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:163 Resp: 3088730
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 11.3 8.9 13.3

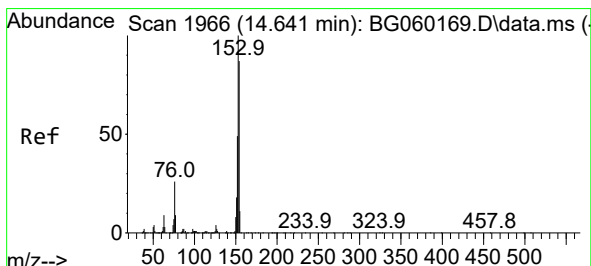
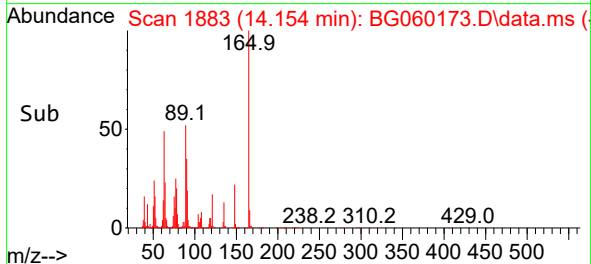
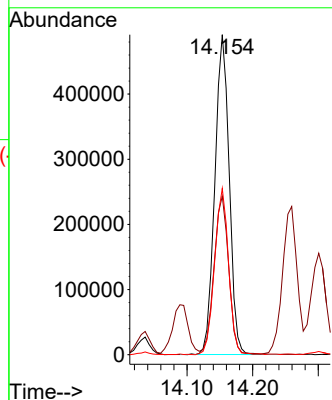
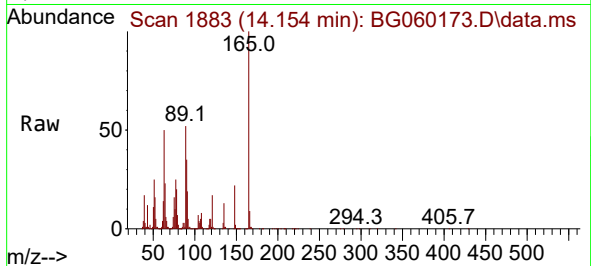




#51
2,6-Dinitrotoluene
Concen: 43.943 ng
RT: 14.154 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

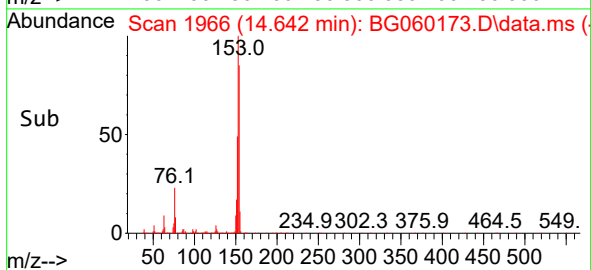
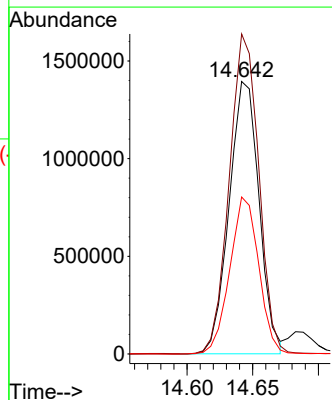
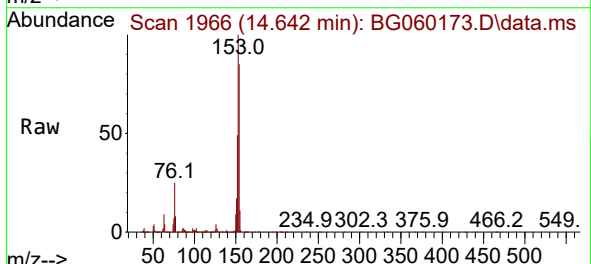
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

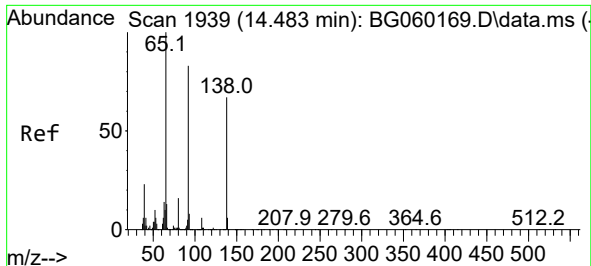
Tgt Ion:165 Resp: 746305
Ion Ratio Lower Upper
165 100
63 49.6 40.0 60.0
89 52.0 36.7 55.1



#52
Acenaphthene
Concen: 40.400 ng
RT: 14.642 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:154 Resp: 2216669
Ion Ratio Lower Upper
154 100
153 117.4 92.2 138.4
152 57.6 45.6 68.4

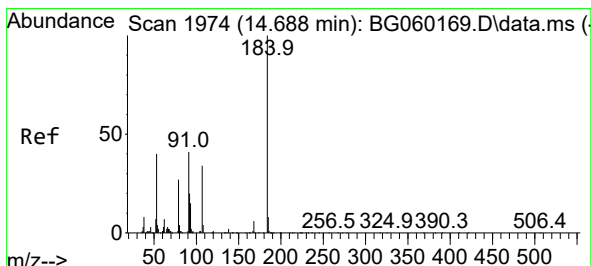
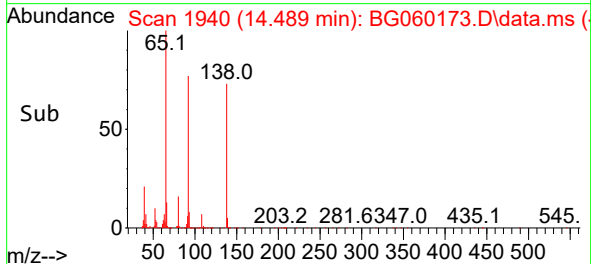
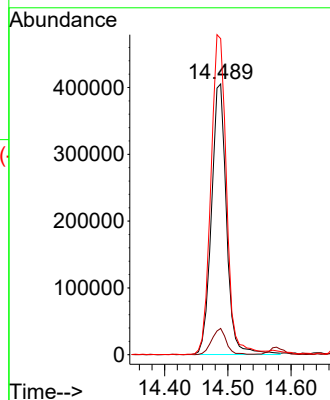
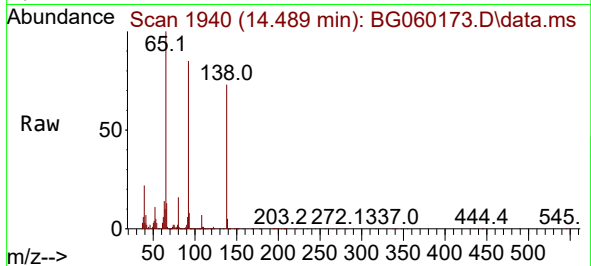




#53
3-Nitroaniline
Concen: 43.405 ng
RT: 14.489 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

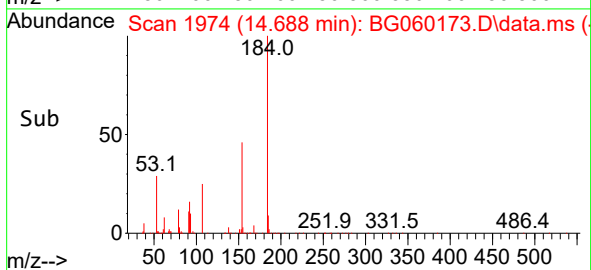
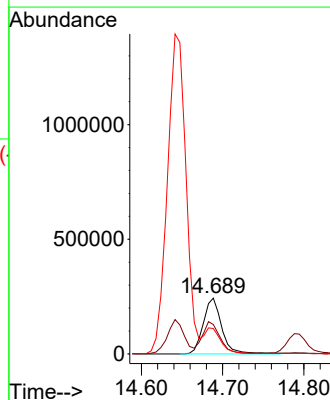
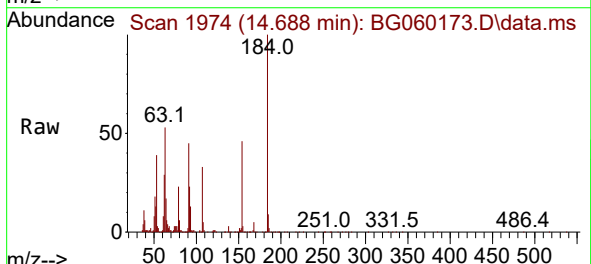
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

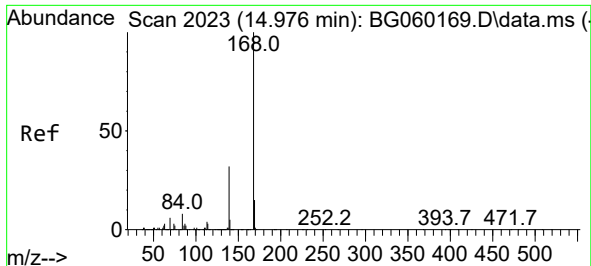
Tgt Ion:138 Resp: 669818
Ion Ratio Lower Upper
138 100
108 9.7 7.2 10.8
92 116.7 99.4 149.0



#54
2,4-Dinitrophenol
Concen: 44.640 ng
RT: 14.688 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:184 Resp: 384810
Ion Ratio Lower Upper
184 100
63 52.7 43.1 64.7
154 45.7 38.2 57.4

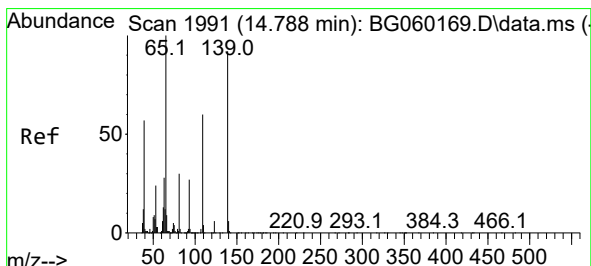
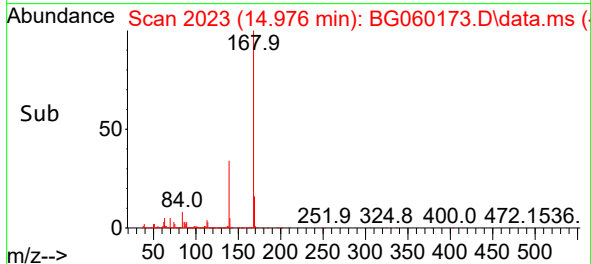
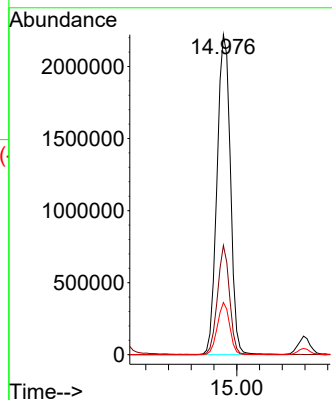
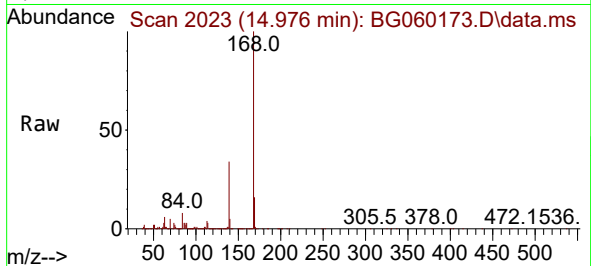




#55
Dibenzofuran
Concen: 40.302 ng
RT: 14.976 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

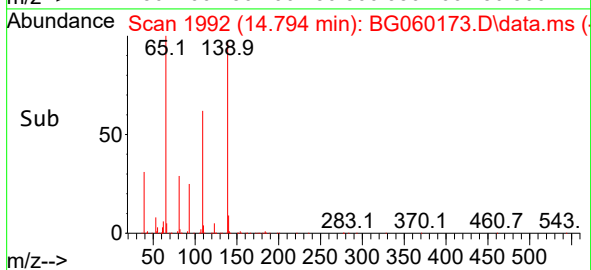
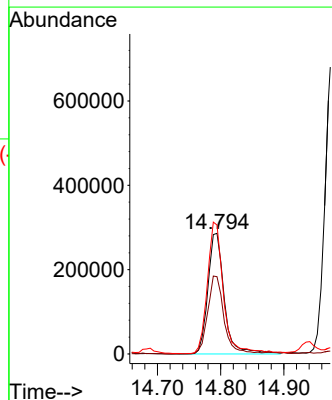
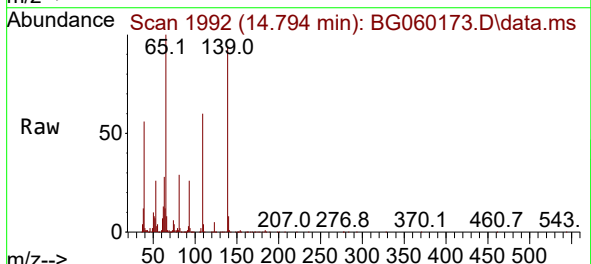
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

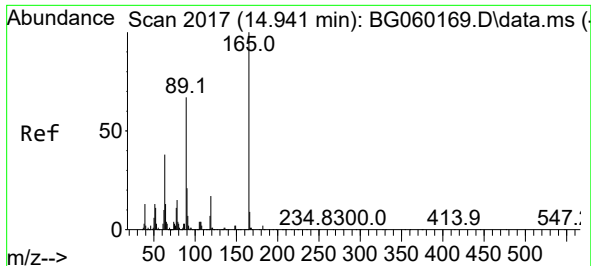
Tgt Ion:168 Resp: 3618305
Ion Ratio Lower Upper
168 100
139 34.2 25.4 38.2
169 16.3 12.3 18.5



#56
4-Nitrophenol
Concen: 43.061 ng
RT: 14.794 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:139 Resp: 515797
Ion Ratio Lower Upper
139 100
109 64.1 45.6 85.6
65 106.9 89.6 129.6





#57

2,4-Dinitrotoluene

Concen: 42.524 ng

RT: 14.941 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA_G

ClientSampleId :

ICVBG122623

Tgt Ion:165 Resp: 993015

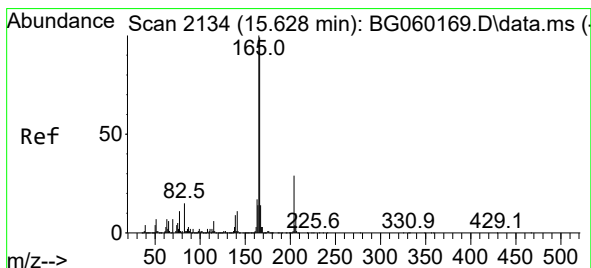
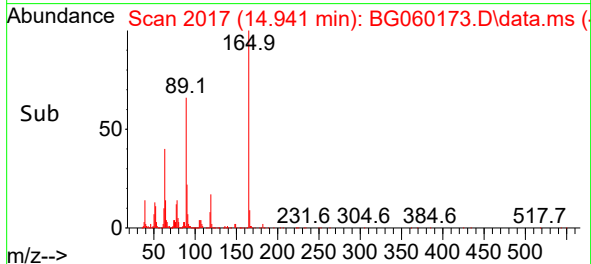
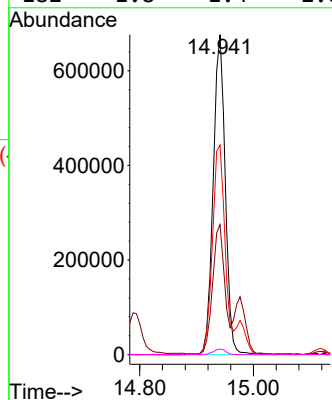
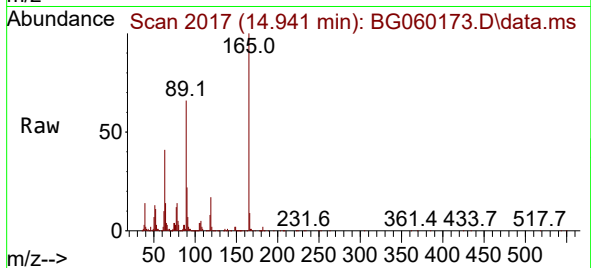
Ion Ratio Lower Upper

165 100

63 40.7 31.0 46.4

89 65.5 53.8 80.8

182 1.8 1.4 2.0



#58

Fluorene

Concen: 40.098 ng

RT: 15.629 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

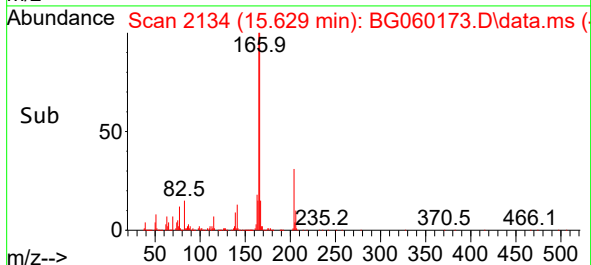
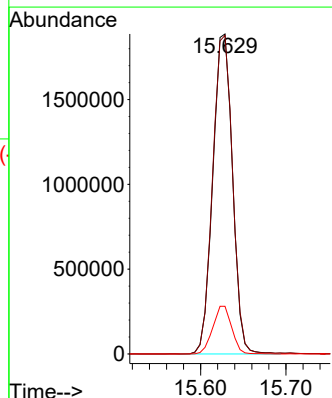
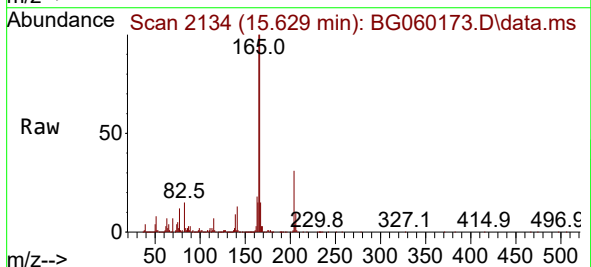
Tgt Ion:166 Resp: 3034135

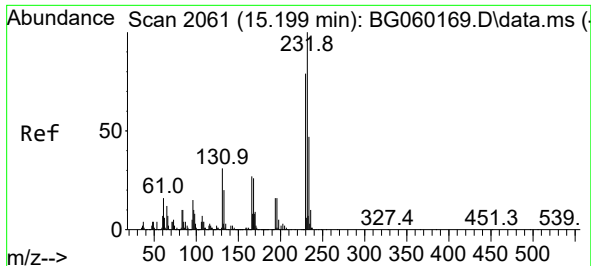
Ion Ratio Lower Upper

166 100

165 99.5 81.2 121.8

167 14.9 11.4 17.0

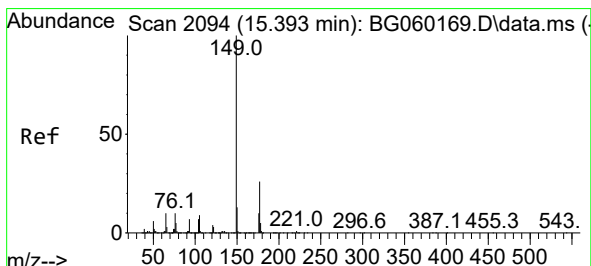
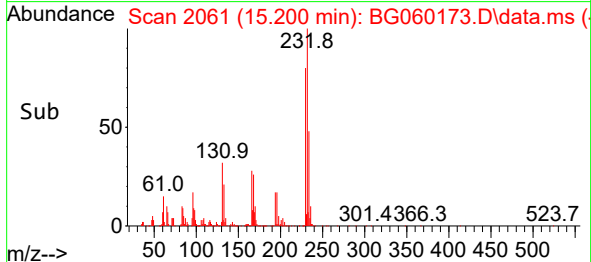
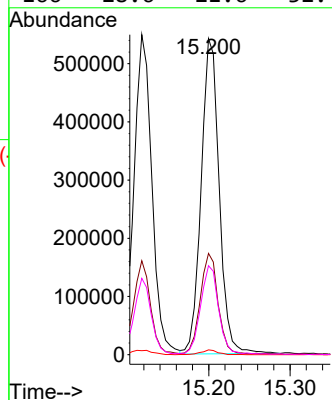
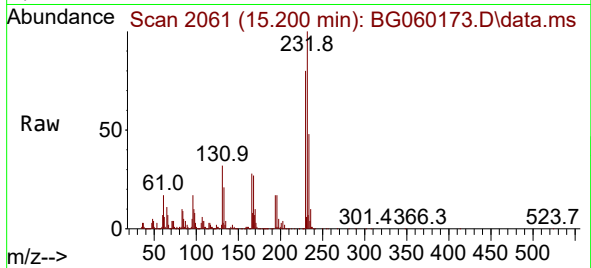




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.143 ng
RT: 15.200 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

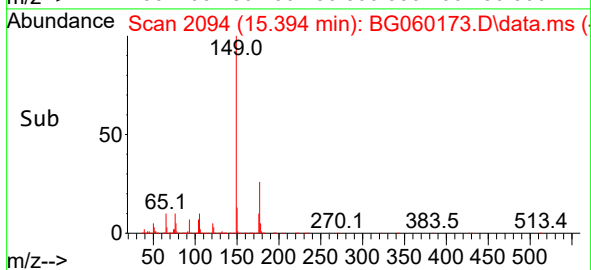
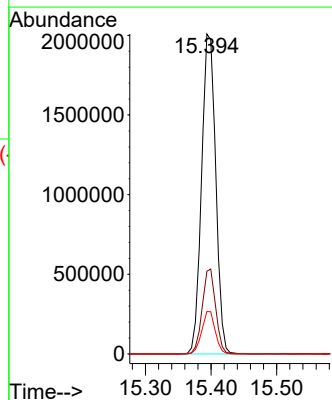
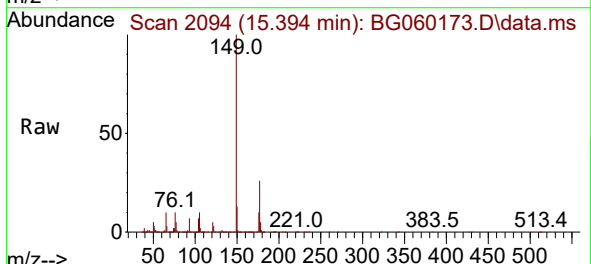
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

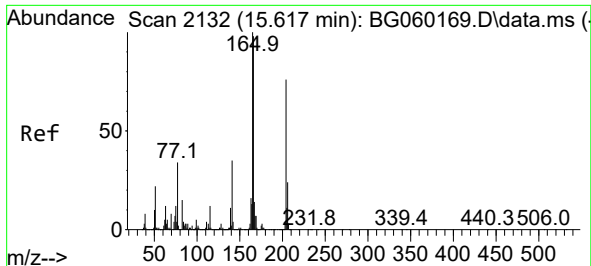
Tgt Ion:232 Resp: 835509
Ion Ratio Lower Upper
232 100
131 31.3 25.5 38.3
130 1.4 1.2 1.8
166 28.6 21.6 32.4



#60
Diethylphthalate
Concen: 40.403 ng
RT: 15.394 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:149 Resp: 3016547
Ion Ratio Lower Upper
149 100
177 25.9 20.8 31.2
150 13.2 10.3 15.5

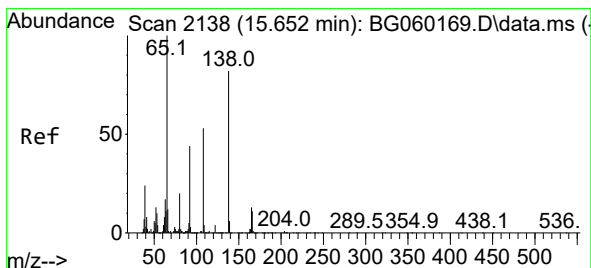
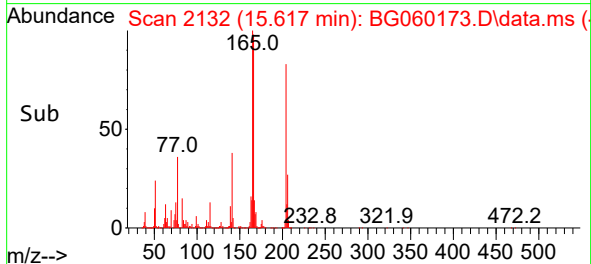
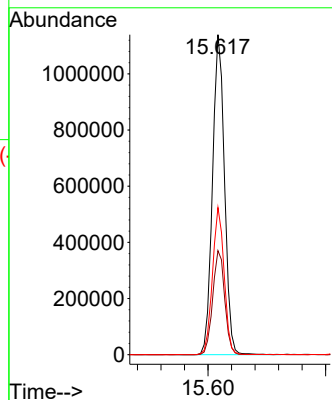
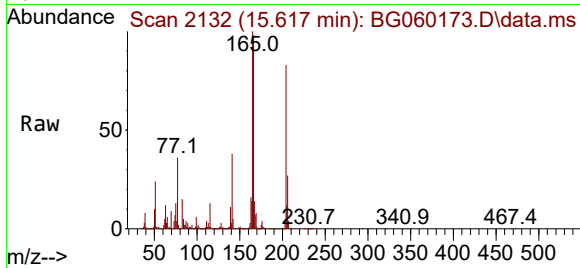




#61
4-Chlorophenyl-phenylether
Concen: 40.914 ng
RT: 15.617 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

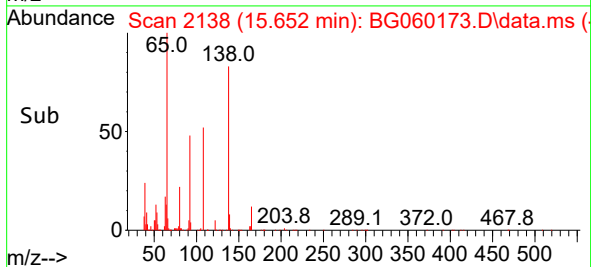
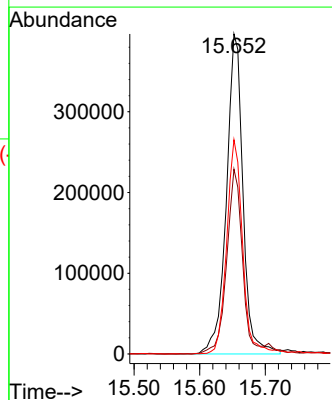
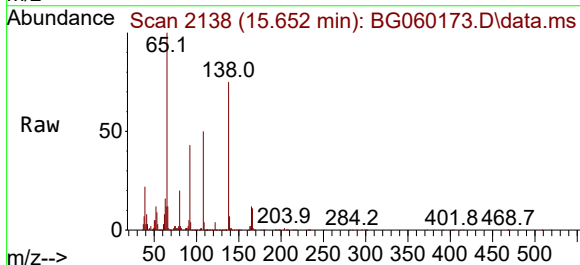
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

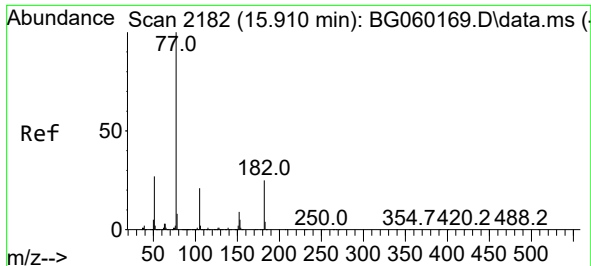
Tgt Ion:204 Resp: 1612471
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 46.0 36.4 54.6



#62
4-Nitroaniline
Concen: 40.819 ng
RT: 15.652 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:138 Resp: 693843
Ion Ratio Lower Upper
138 100
92 57.7 33.3 73.3
108 67.0 44.7 84.7

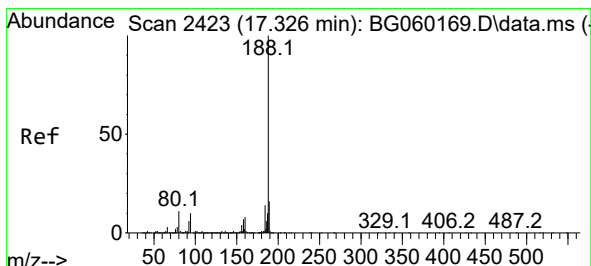
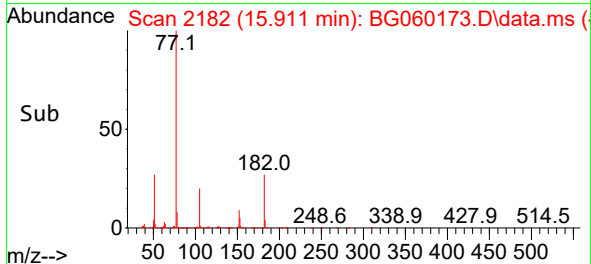
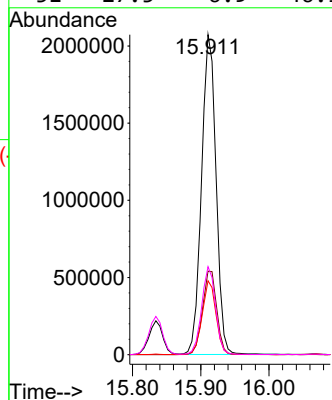
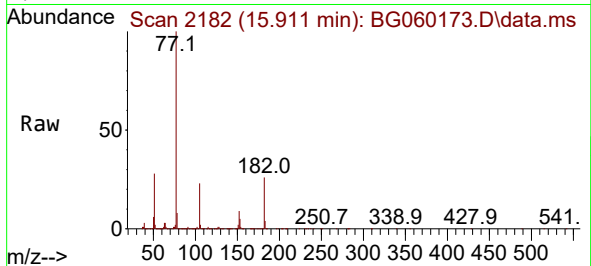




#63
Azobenzene
Concen: 40.427 ng
RT: 15.911 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

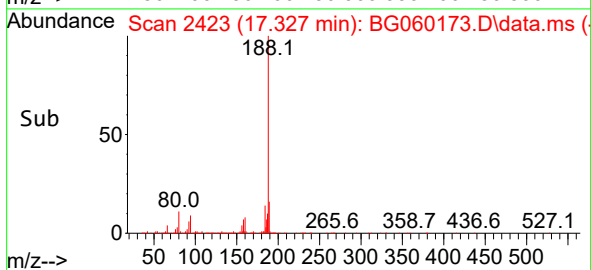
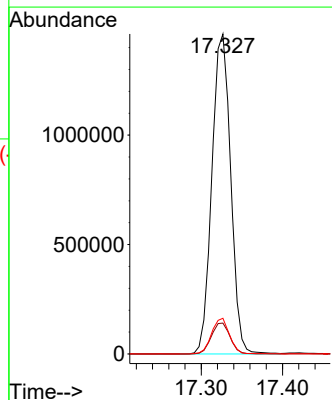
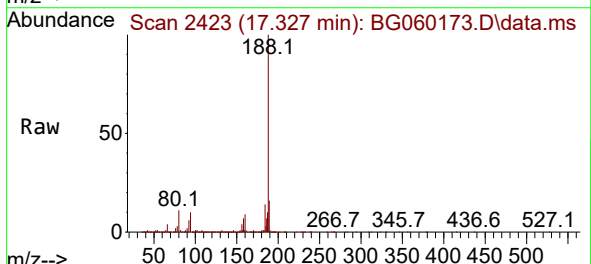
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

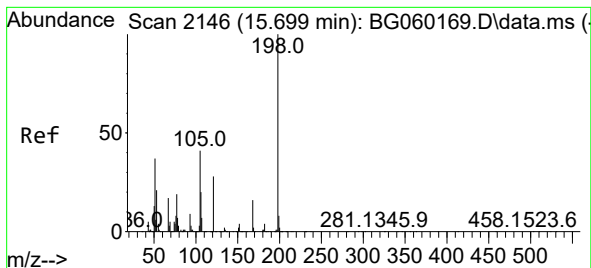
Tgt Ion: 77 Resp: 3066934
Ion Ratio Lower Upper
77 100
182 26.1 4.6 44.6
105 23.1 1.4 41.4
51 27.5 6.9 46.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:188 Resp: 2346816
Ion Ratio Lower Upper
188 100
94 9.7 7.7 11.5
80 11.1 8.6 12.8

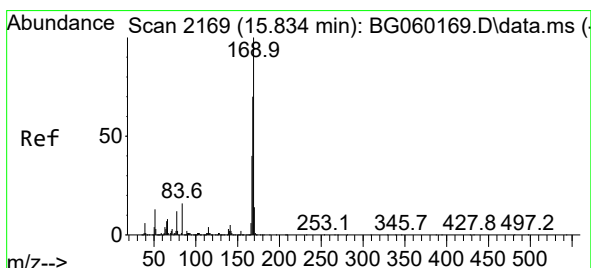
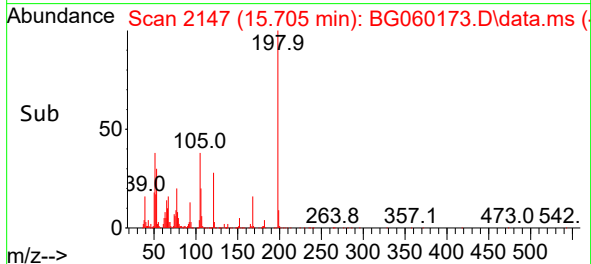
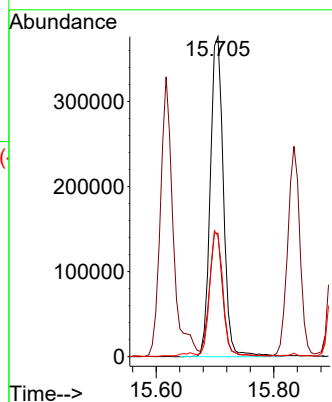
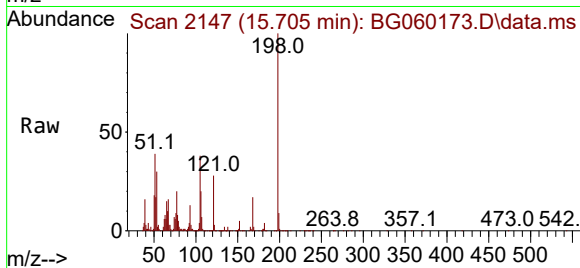




#65
4,6-Dinitro-2-methylphenol
Concen: 44.663 ng
RT: 15.705 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

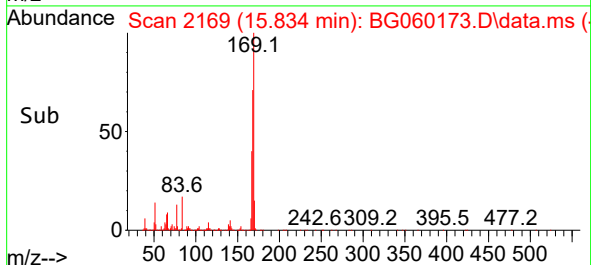
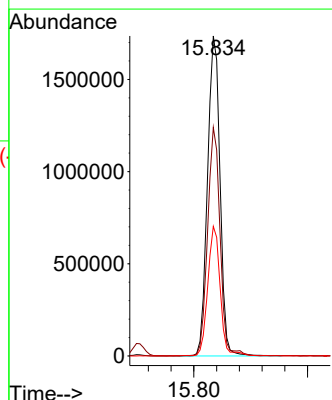
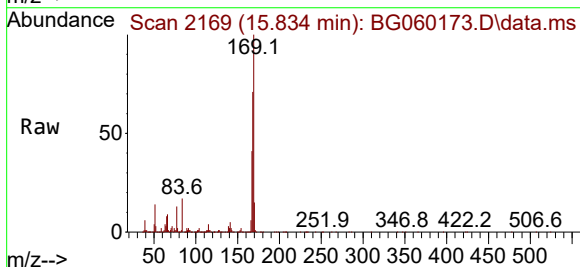
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

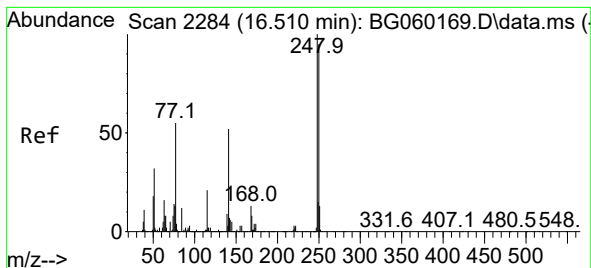
Tgt Ion:198 Resp: 582237
Ion Ratio Lower Upper
198 100
51 38.6 22.9 62.9
105 37.6 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 41.357 ng
RT: 15.834 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:169 Resp: 2640102
Ion Ratio Lower Upper
169 100
168 71.4 55.7 83.5
167 40.5 32.2 48.2

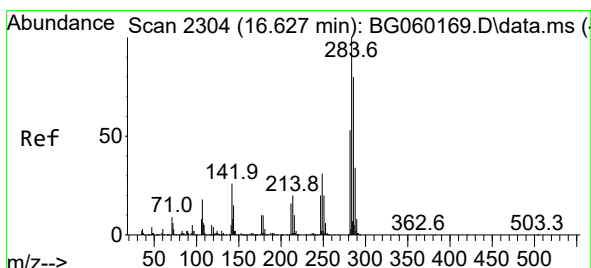
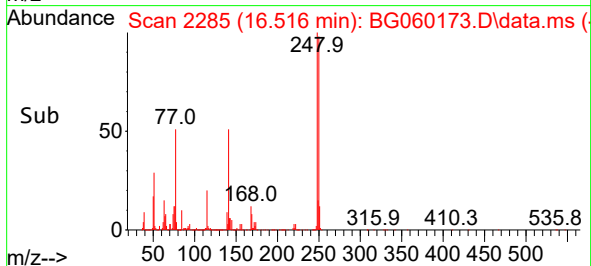
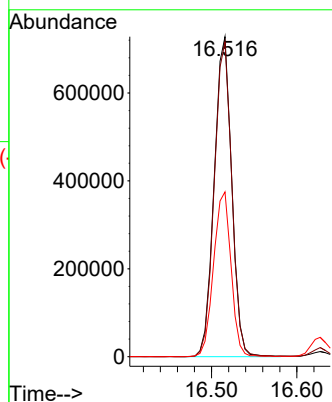
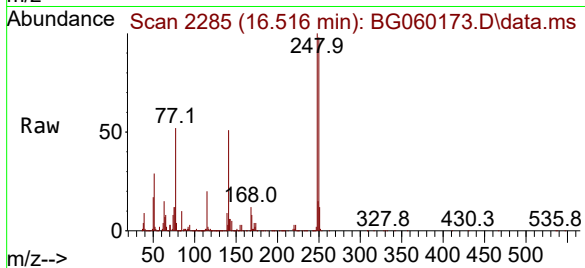




#67
4-Bromophenyl-phenylether
Concen: 41.805 ng
RT: 16.516 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

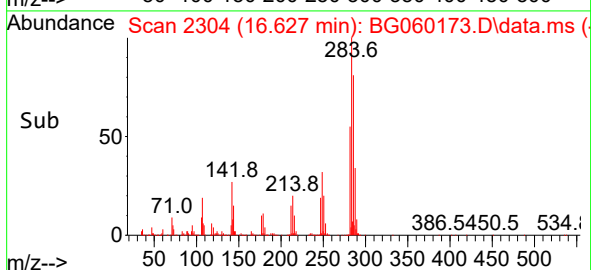
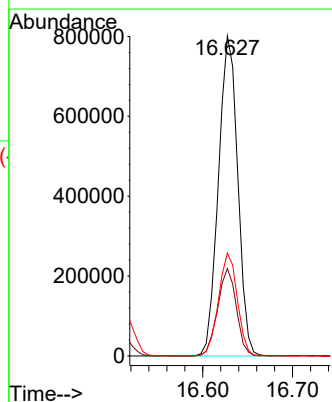
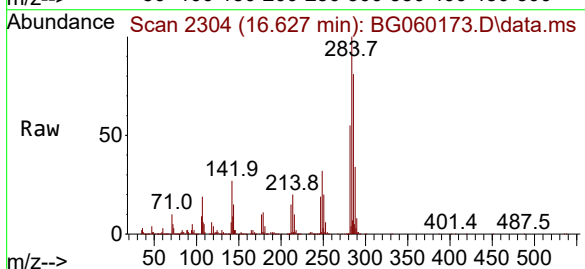
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

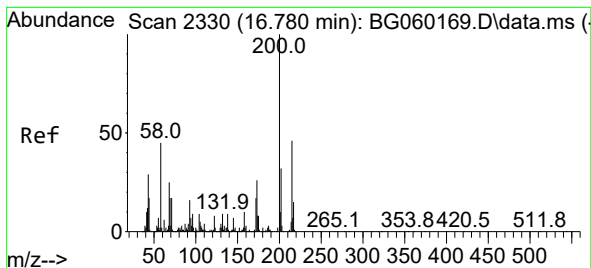
Tgt Ion:248 Resp: 1042097
Ion Ratio Lower Upper
248 100
250 98.3 76.3 114.5
141 51.5 41.4 62.2



#68
Hexachlorobenzene
Concen: 40.987 ng
RT: 16.627 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:284 Resp: 1194831
Ion Ratio Lower Upper
284 100
142 27.3 21.2 31.8
249 32.1 24.8 37.2





#69

Atrazine

Concen: 35.524 ng

RT: 16.780 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA_G

ClientSampleId :

ICVBG122623

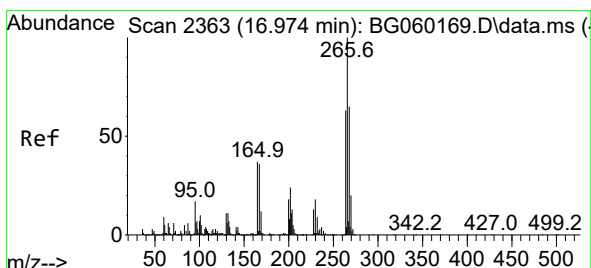
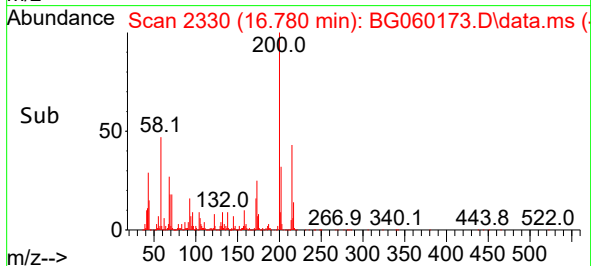
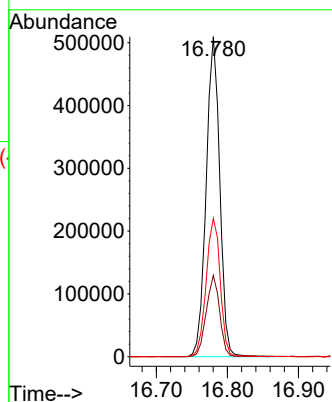
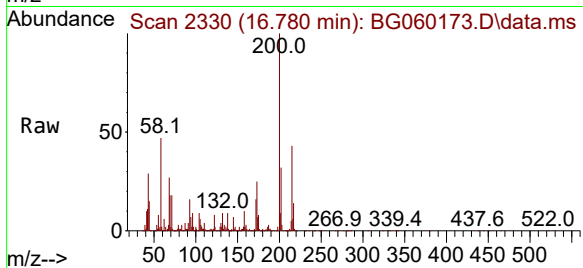
Tgt Ion:200 Resp: 677997

Ion Ratio Lower Upper

200 100

173 25.4 5.8 45.8

215 43.3 25.9 65.9



#70

Pentachlorophenol

Concen: 43.655 ng

RT: 16.974 min Scan# 2363

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

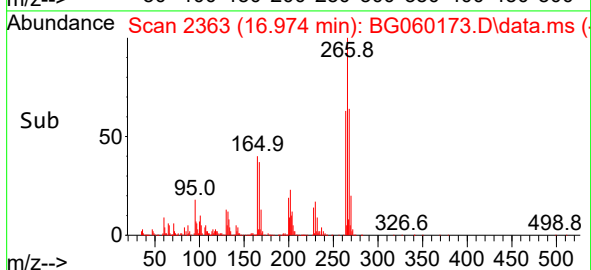
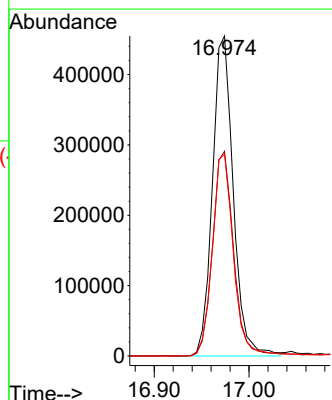
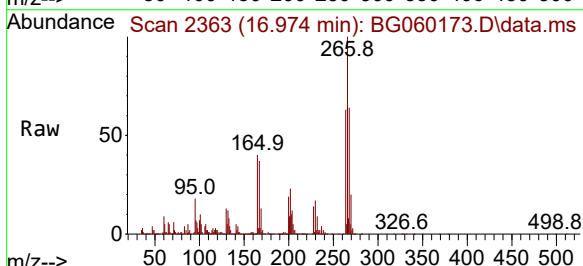
Tgt Ion:266 Resp: 692465

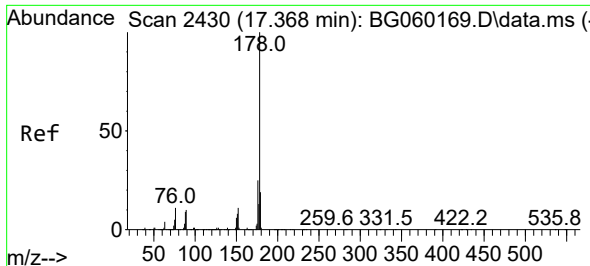
Ion Ratio Lower Upper

266 100

268 64.0 55.4 83.2

264 63.1 53.7 80.5

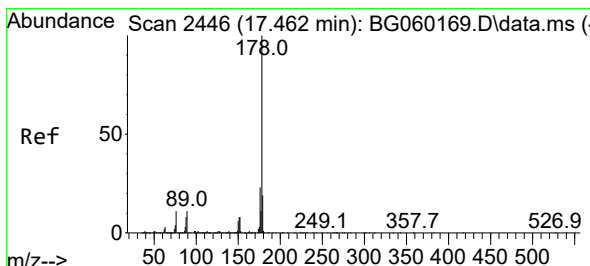
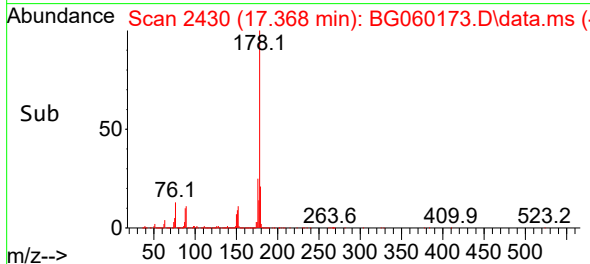
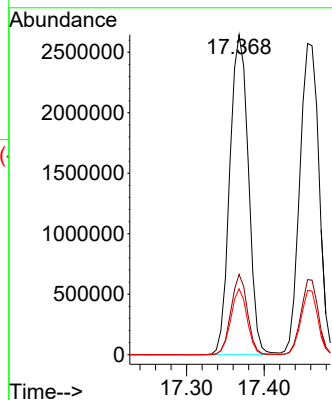
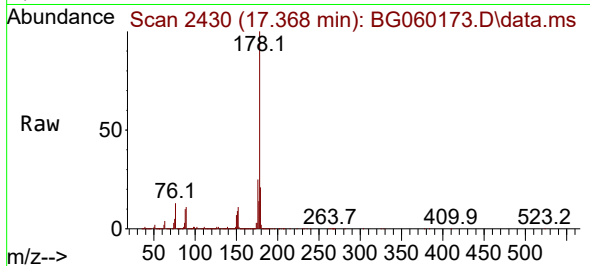




#71
Phenanthrene
Concen: 39.520 ng
RT: 17.368 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

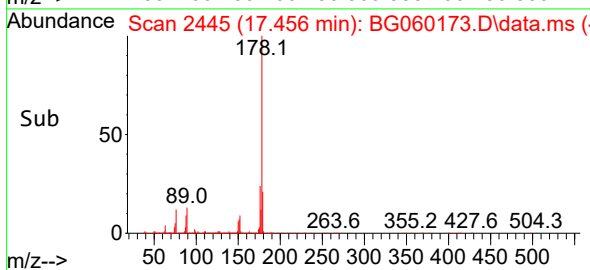
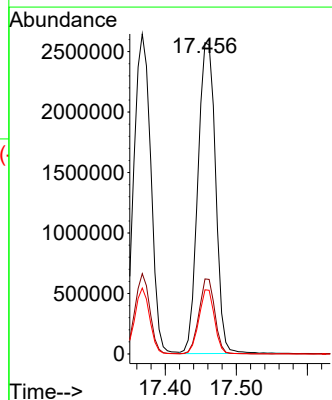
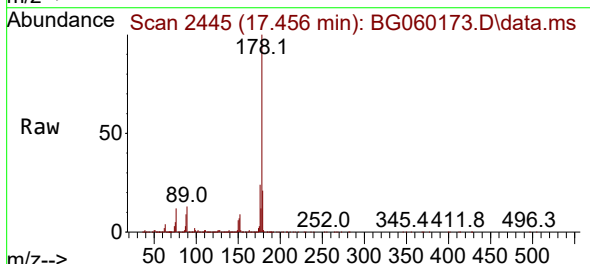
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

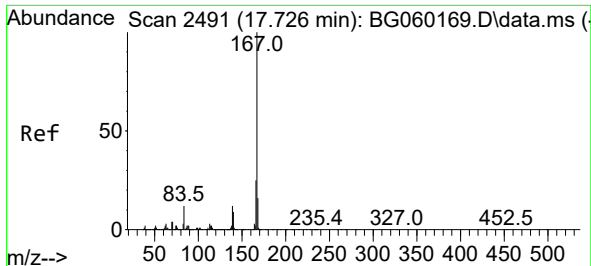
Tgt Ion:178 Resp: 4398925
Ion Ratio Lower Upper
178 100
176 25.1 19.7 29.5
179 20.6 15.4 23.2



#72
Anthracene
Concen: 39.977 ng
RT: 17.456 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:178 Resp: 4448016
Ion Ratio Lower Upper
178 100
176 24.1 18.6 28.0
179 20.6 15.2 22.8

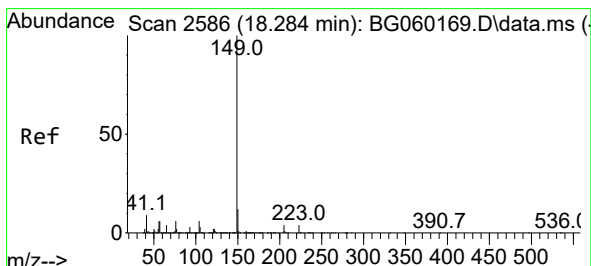
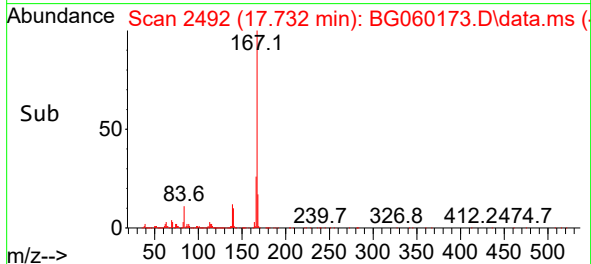
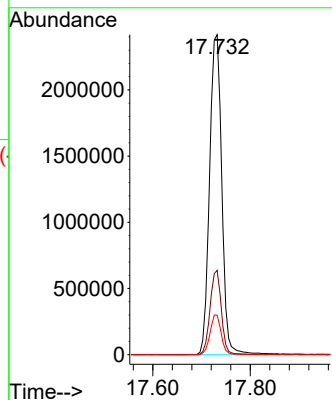
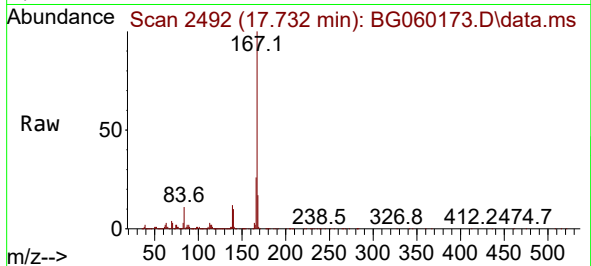




#73
 Carbazole
 Concen: 39.222 ng
 RT: 17.732 min Scan# 2491
 Delta R.T. 0.006 min
 Lab File: BG060173.D
 Acq: 26 Dec 2023 16:36

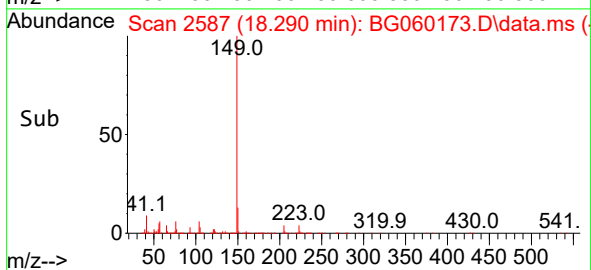
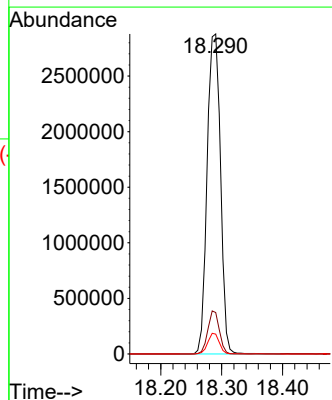
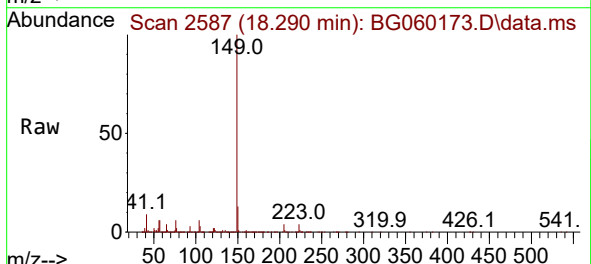
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG122623

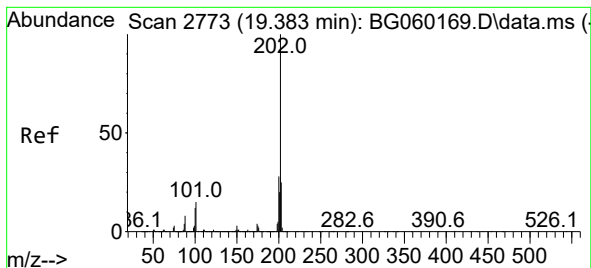
Tgt Ion:167 Resp: 4188326
 Ion Ratio Lower Upper
 167 100
 166 26.3 19.8 29.6
 139 12.4 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 38.912 ng
 RT: 18.290 min Scan# 2587
 Delta R.T. 0.006 min
 Lab File: BG060173.D
 Acq: 26 Dec 2023 16:36

Tgt Ion:149 Resp: 4382546
 Ion Ratio Lower Upper
 149 100
 150 13.0 9.7 14.5
 104 6.2 4.7 7.1





#75

Fluoranthene

Concen: 35.686 ng

RT: 19.383 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA_G

ClientSampleId :

ICVBG122623

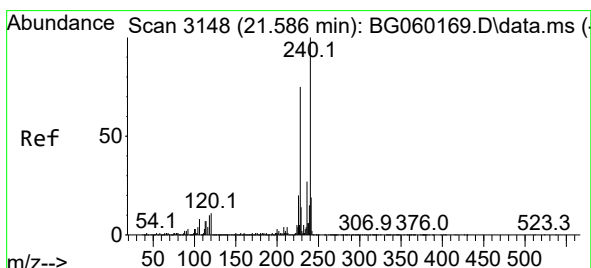
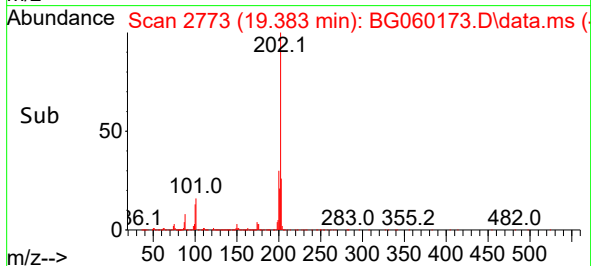
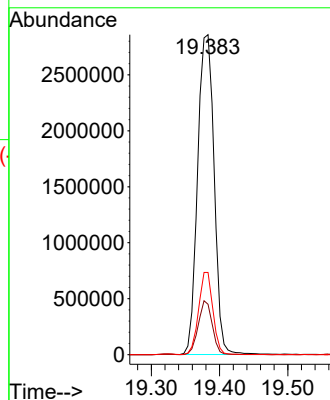
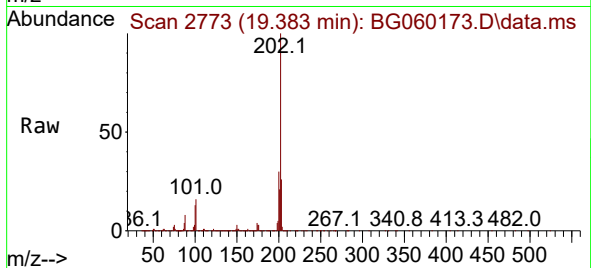
Tgt Ion:202 Resp: 4811118

Ion Ratio Lower Upper

202 100

101 15.7 0.0 35.3

203 25.7 4.6 44.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3149

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

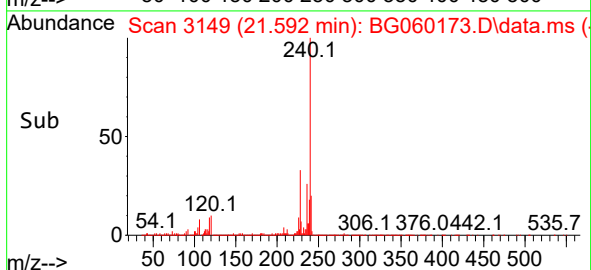
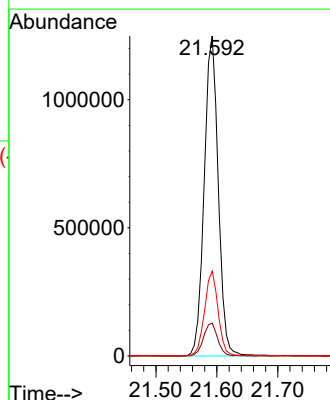
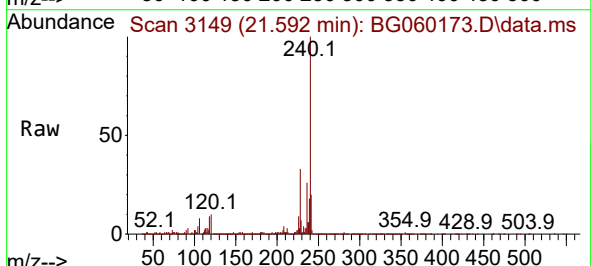
Tgt Ion:240 Resp: 1997726

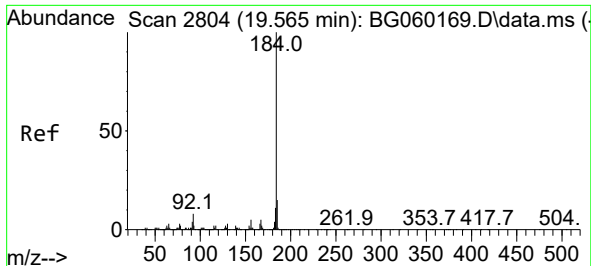
Ion Ratio Lower Upper

240 100

120 10.2 8.7 13.1

236 26.5 21.3 31.9

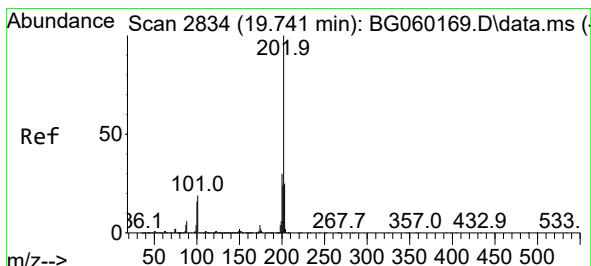
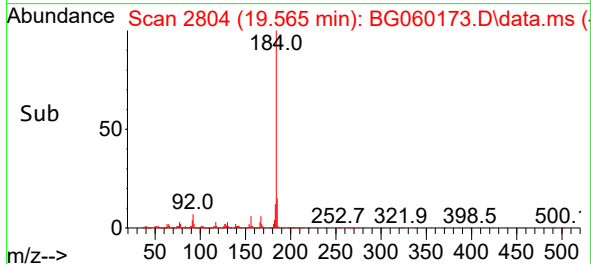
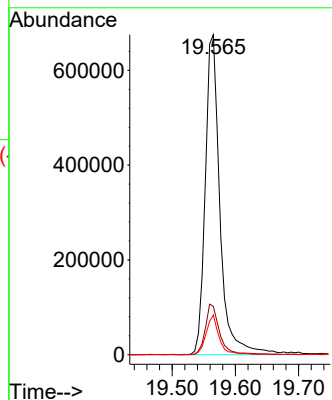
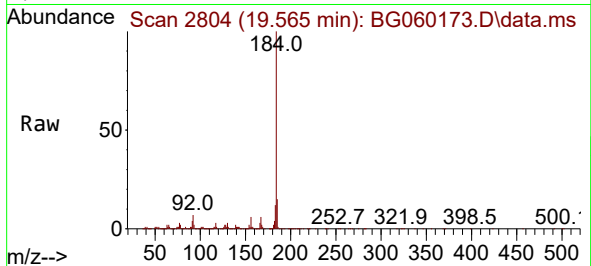




#77
Benzidine
Concen: 31.263 ng
RT: 19.565 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

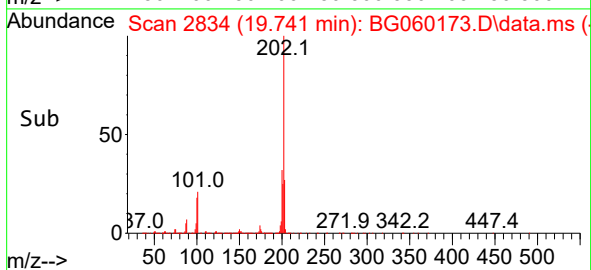
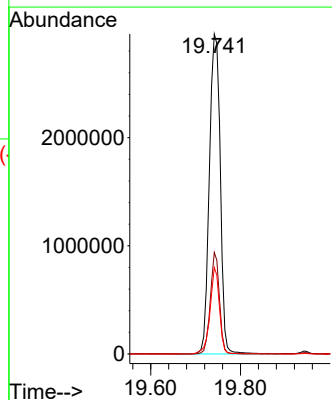
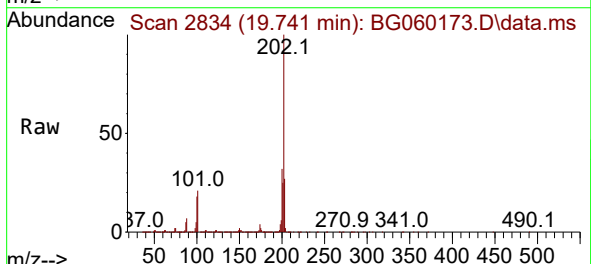
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

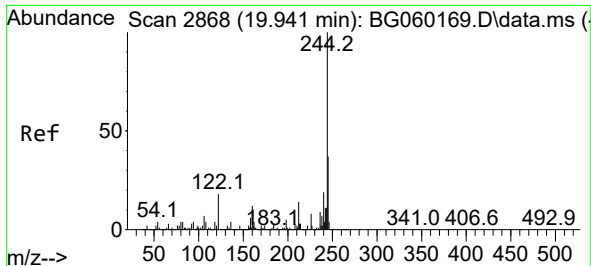
Tgt Ion:184 Resp: 1091404
Ion Ratio Lower Upper
184 100
185 15.1 12.1 18.1
183 12.4 8.6 13.0



#78
Pyrene
Concen: 38.470 ng
RT: 19.741 min Scan# 2834
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:202 Resp: 4979695
Ion Ratio Lower Upper
202 100
200 31.7 23.9 35.9
203 27.0 20.2 30.4

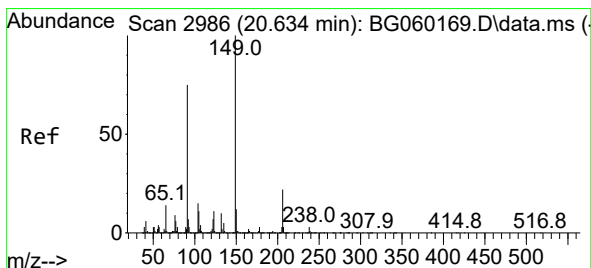
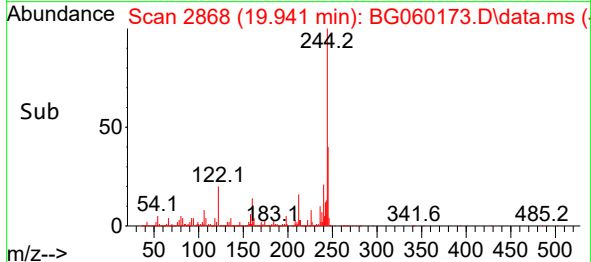
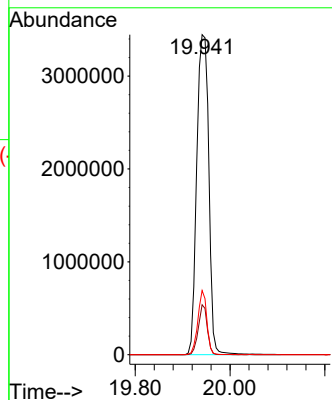
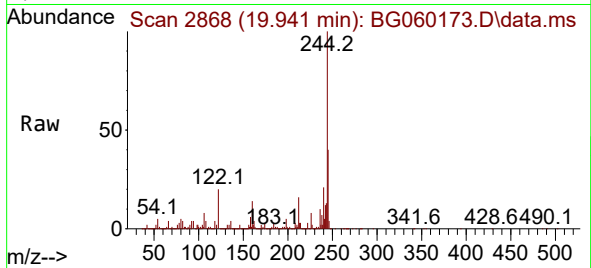




#79
 Terphenyl-d14
 Concen: 71.540 ng
 RT: 19.941 min Scan# 2868
 Delta R.T. 0.000 min
 Lab File: BG060173.D
 Acq: 26 Dec 2023 16:36

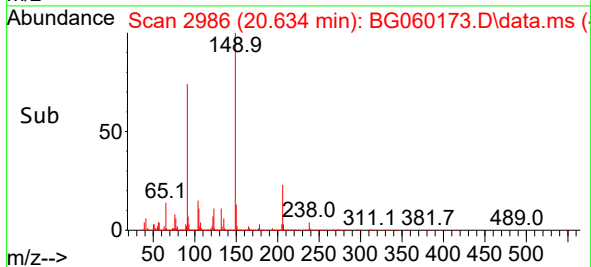
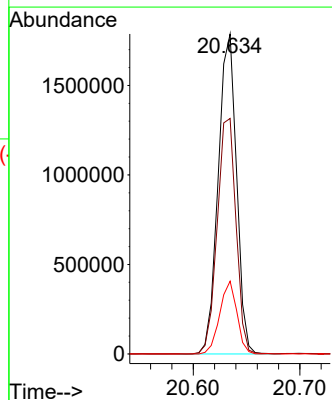
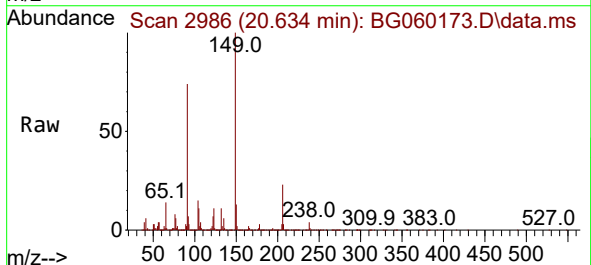
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG122623

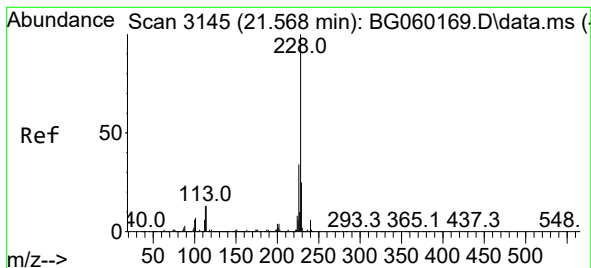
Tgt Ion:244 Resp: 6066094
 Ion Ratio Lower Upper
 244 100
 212 15.6 11.3 16.9
 122 20.1 14.6 21.8



#80
 Butylbenzylphthalate
 Concen: 43.165 ng
 RT: 20.634 min Scan# 2986
 Delta R.T. 0.000 min
 Lab File: BG060173.D
 Acq: 26 Dec 2023 16:36

Tgt Ion:149 Resp: 2131017
 Ion Ratio Lower Upper
 149 100
 91 73.6 60.0 90.0
 206 22.7 17.4 26.2





#81

Benzo(a)anthracene

Concen: 40.055 ng

RT: 21.569 min Scan# 3145

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA_G

ClientSampleId :

ICVBG122623

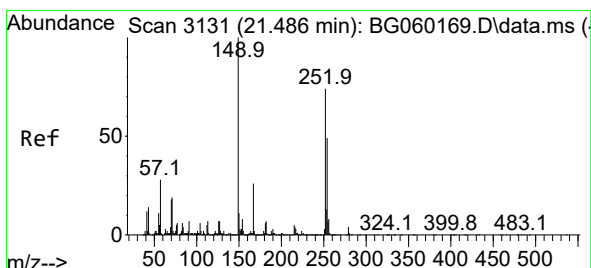
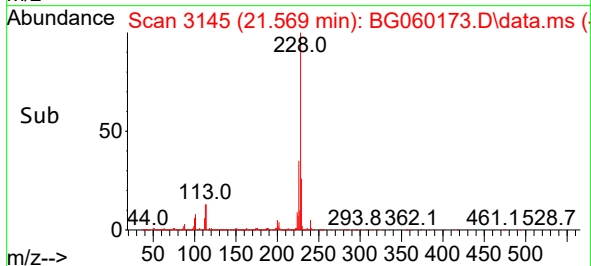
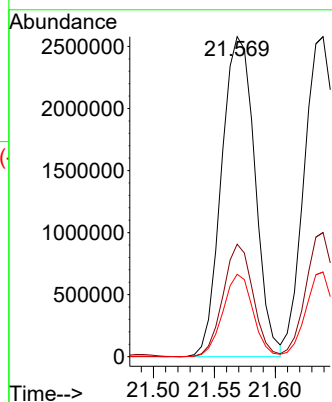
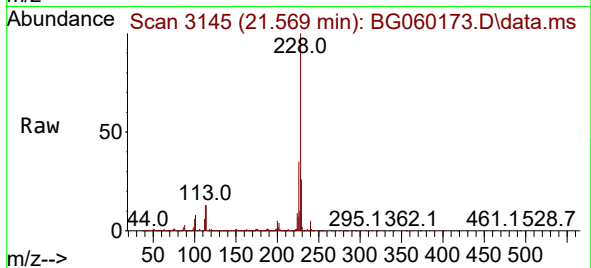
Tgt Ion:228 Resp: 4923700

Ion Ratio Lower Upper

228 100

226 35.2 27.0 40.4

229 25.7 19.8 29.8



#82

3,3'-Dichlorobenzidine

Concen: 40.534 ng

RT: 21.492 min Scan# 3132

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

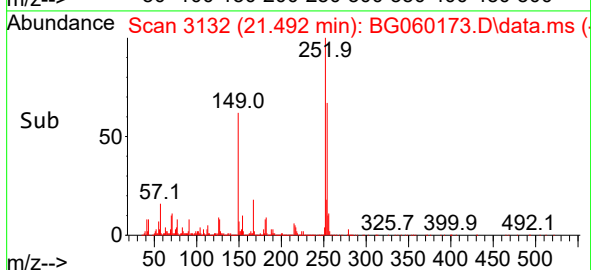
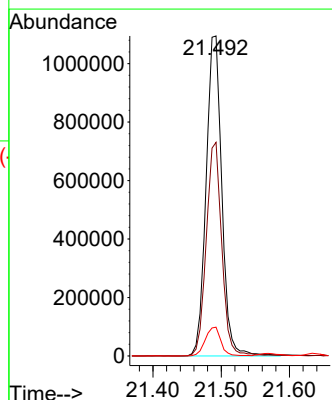
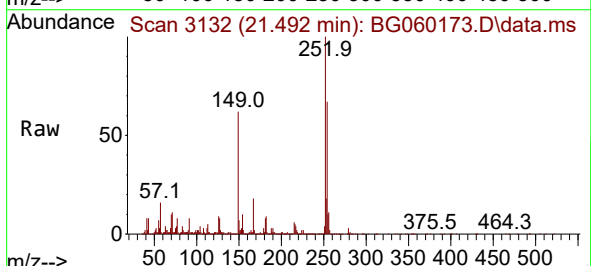
Tgt Ion:252 Resp: 1755465

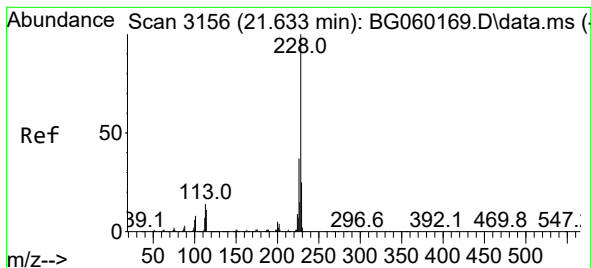
Ion Ratio Lower Upper

252 100

254 66.8 53.0 79.6

126 9.0 7.5 11.3





#83

Chrysene

Concen: 40.169 ng

RT: 21.639 min Scan# 3156

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA_G

ClientSampleId :

ICVBG122623

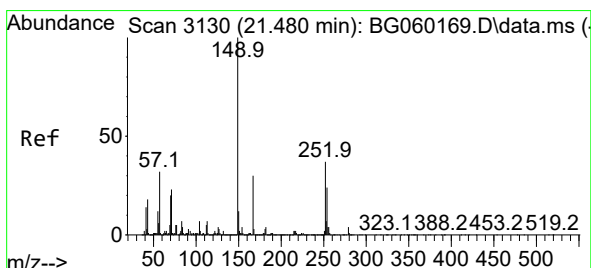
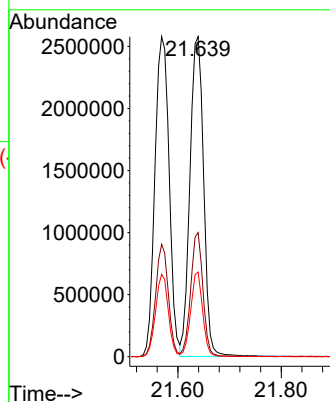
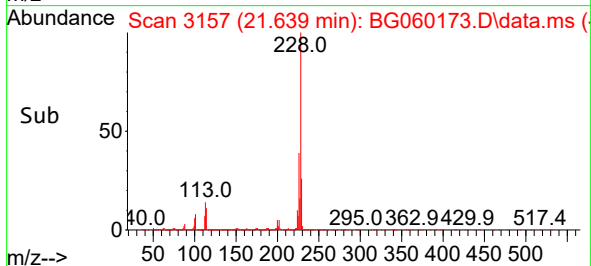
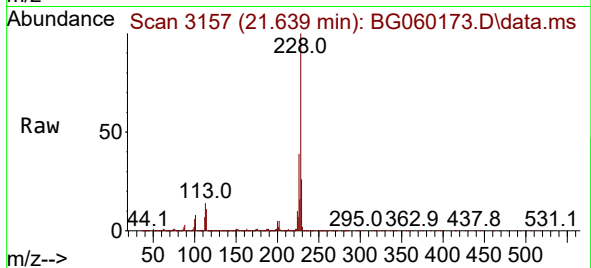
Tgt Ion:228 Resp: 4730918

Ion Ratio Lower Upper

228 100

226 38.8 29.6 44.4

229 26.5 19.5 29.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.241 ng

RT: 21.481 min Scan# 3130

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

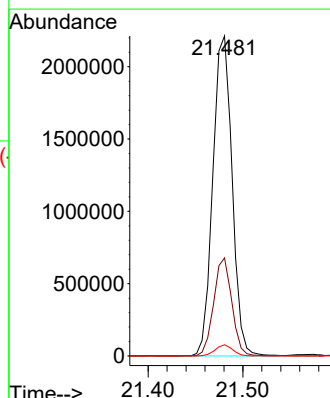
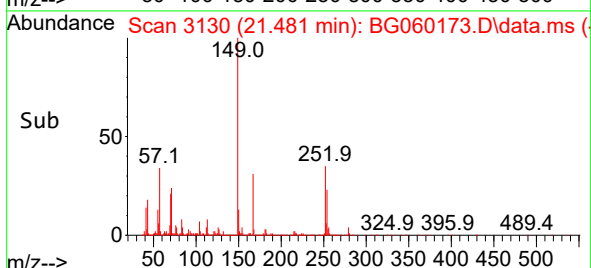
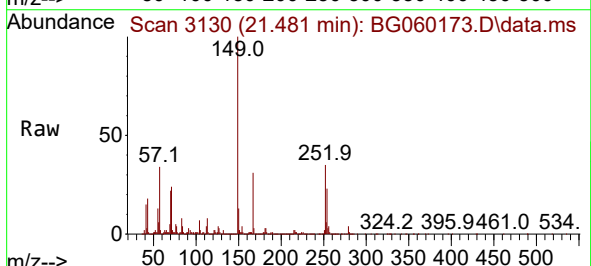
Tgt Ion:149 Resp: 3118161

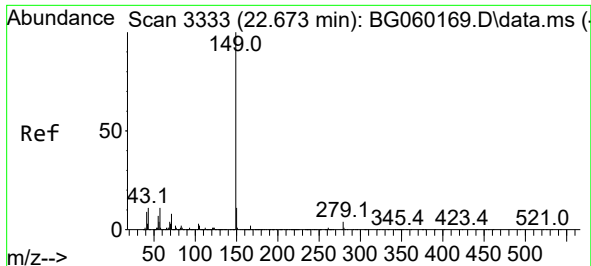
Ion Ratio Lower Upper

149 100

167 30.7 23.7 35.5

279 3.5 2.8 4.2

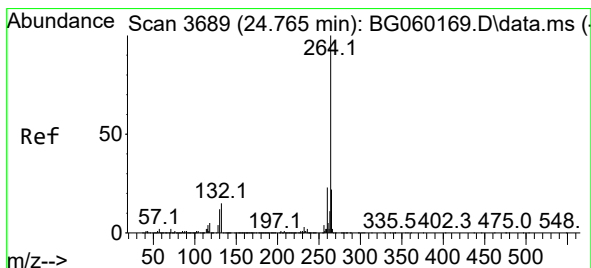
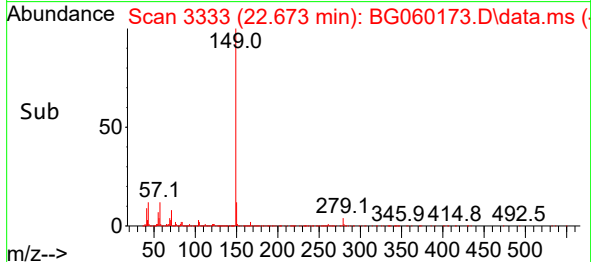
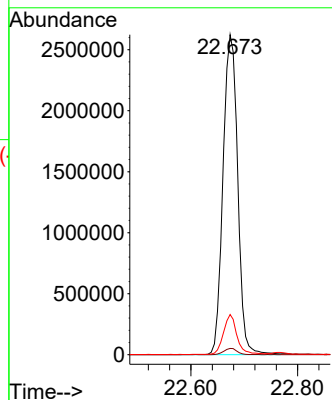
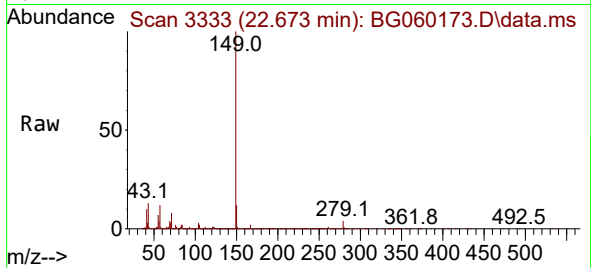




#85
Di-n-octyl phthalate
Concen: 41.443 ng
RT: 22.673 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

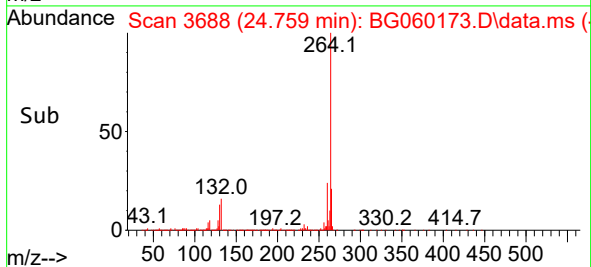
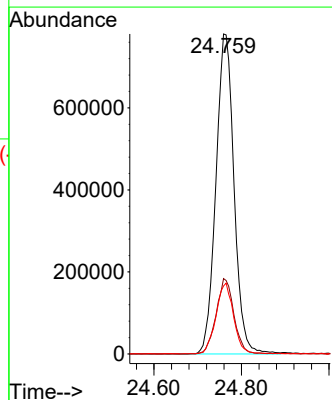
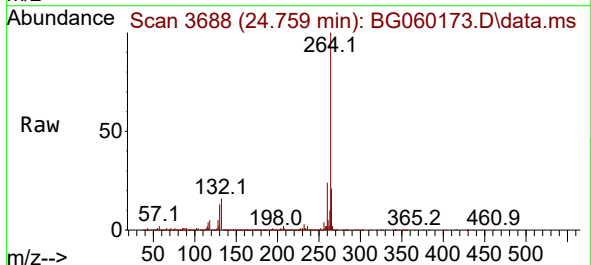
Instrument :
BNA_G
ClientSampleId :
ICVBG122623

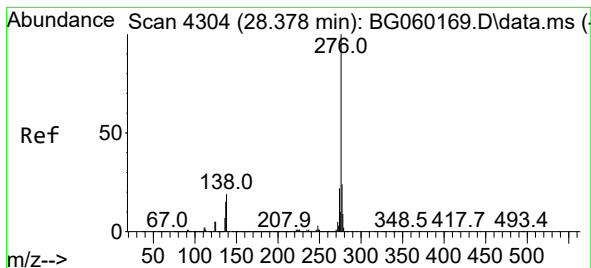
Tgt Ion:149 Resp: 5006588
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 11.4 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.759 min Scan# 3688
Delta R.T. -0.006 min
Lab File: BG060173.D
Acq: 26 Dec 2023 16:36

Tgt Ion:264 Resp: 2237790
Ion Ratio Lower Upper
264 100
260 23.6 18.0 27.0
265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.436 ng

RT: 28.390 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA_G

ClientSampleId :

ICVBG122623

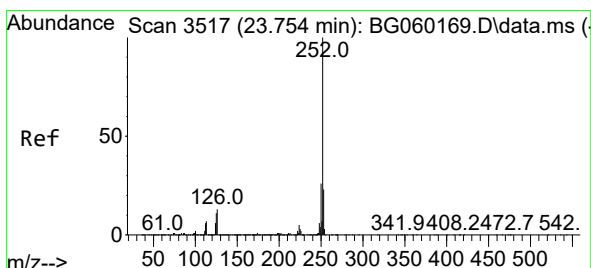
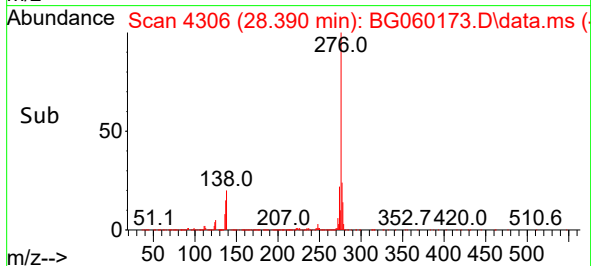
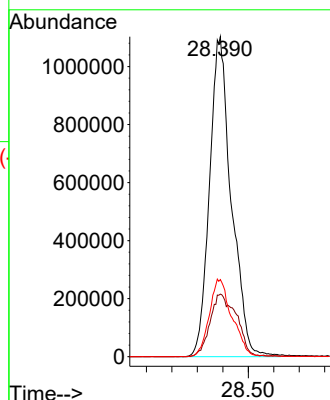
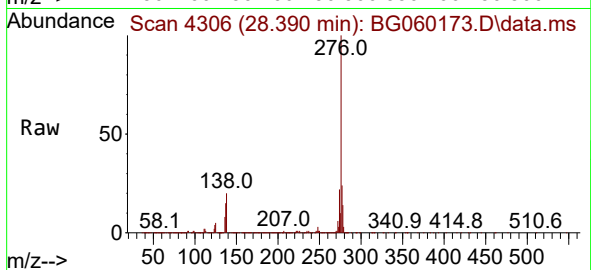
Tgt Ion:276 Resp: 6570311

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.6

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.836 ng

RT: 23.754 min Scan# 3517

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

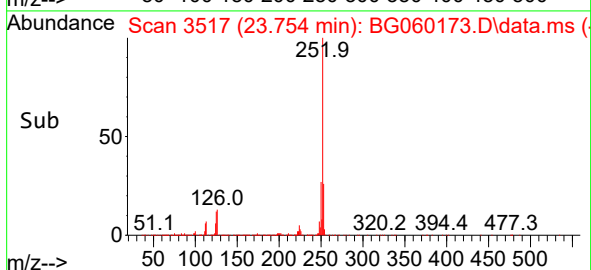
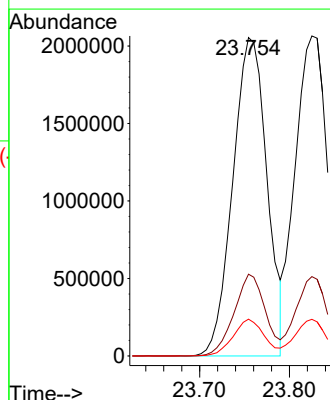
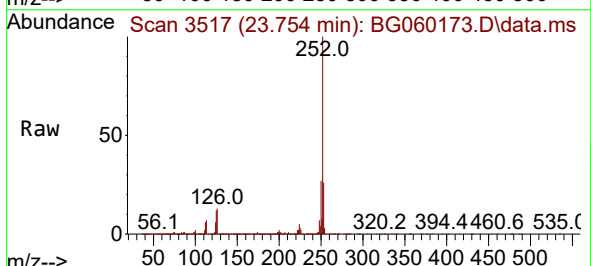
Tgt Ion:252 Resp: 5426283

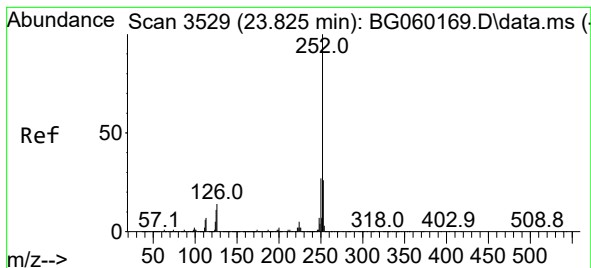
Ion Ratio Lower Upper

252 100

253 25.7 18.7 28.1

125 11.6 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 40.049 ng

RT: 23.825 min Scan# 3529

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA_G

ClientSampleId :

ICVBG122623

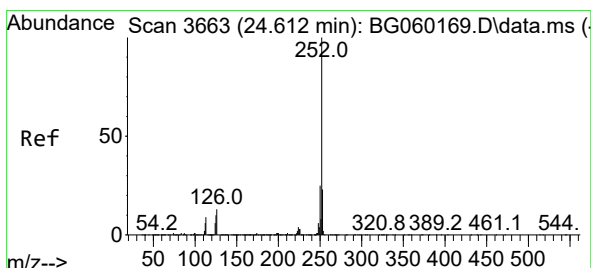
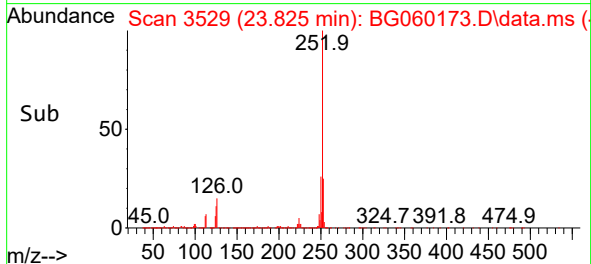
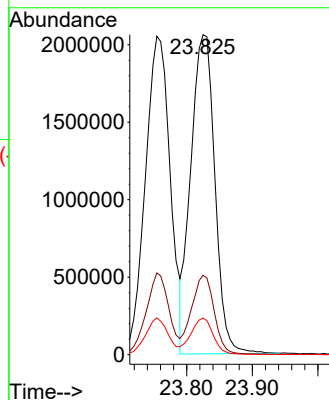
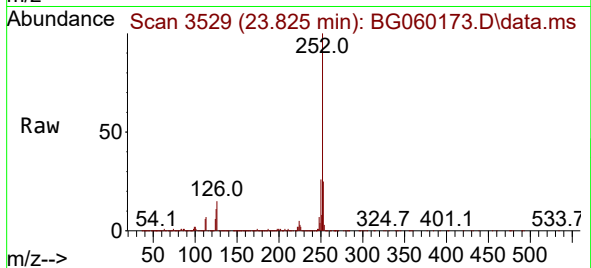
Tgt Ion:252 Resp: 5268200

Ion Ratio Lower Upper

252 100

253 24.8 19.8 29.6

125 11.5 8.5 12.7



#90

Benzo(a)pyrene

Concen: 40.633 ng

RT: 24.618 min Scan# 3664

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

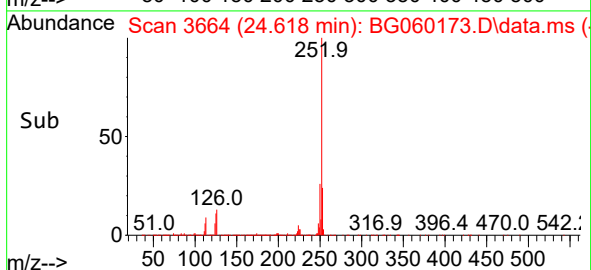
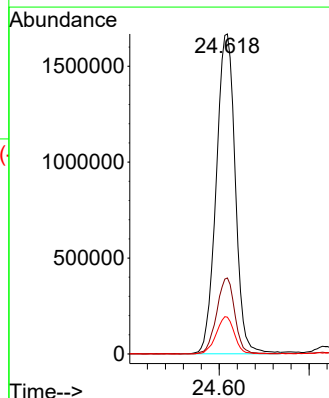
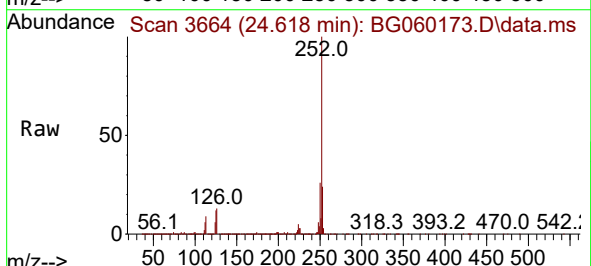
Tgt Ion:252 Resp: 4909948

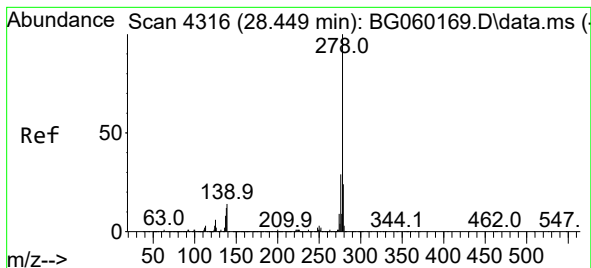
Ion Ratio Lower Upper

252 100

253 23.8 18.4 27.6

125 11.5 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 41.283 ng

RT: 28.455 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA_G

ClientSampleId :

ICVBG122623

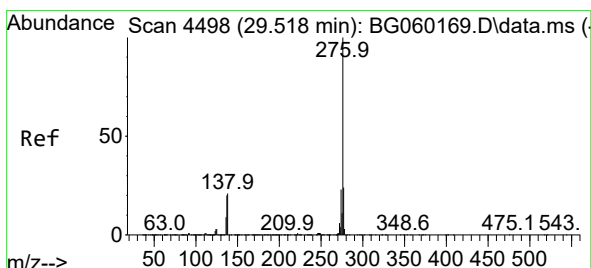
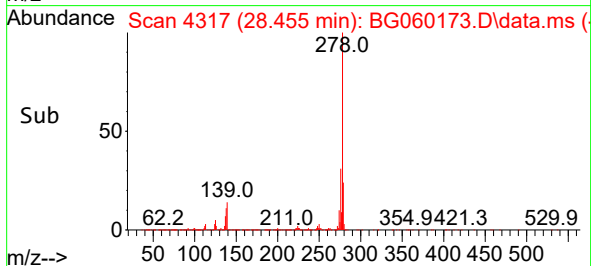
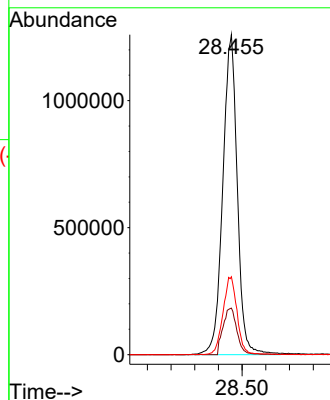
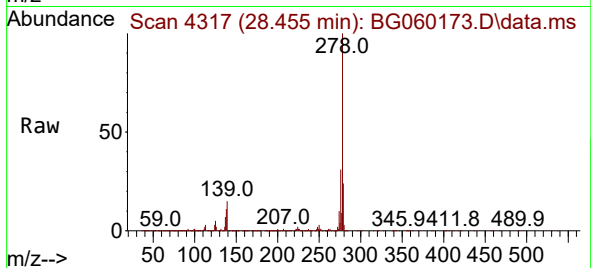
Tgt Ion:278 Resp: 5350704

Ion Ratio Lower Upper

278 100

139 14.5 11.4 17.0

279 24.3 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 40.845 ng

RT: 29.524 min Scan# 4499

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Tgt Ion:276 Resp: 5376580

Ion Ratio Lower Upper

276 100

277 24.9 19.1 28.7

138 20.7 16.6 24.8

