

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
 Data File : BG060357.D
 Acq On : 18 Jan 2024 18:11
 Operator : MA/JU
 Sample : P1159-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-011724MSD

Quant Time: Jan 19 00:24:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	277079	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	1107682	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	817011	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1944066	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1726740	20.000	ng	0.00
86) Perylene-d12	24.738	264	2041883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	1941075	115.225	ng	0.00
7) Phenol-d6	7.094	99	2815899	112.885	ng	0.00
23) Nitrobenzene-d5	9.092	82	1501665	64.015	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	1155087	96.092	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	3589080	61.076	ng	0.00
79) Terphenyl-d14	19.932	244	4948301	66.629	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.404	88	277638	36.080	ng	98
3) Pyridine	3.792	79	784137	36.117	ng	95
4) n-Nitrosodimethylamine	3.716	42	276740	40.728	ng	88
6) Aniline	7.253	93	824657	33.074	ng	97
8) 2-Chlorophenol	7.494	128	754733	45.207	ng	93
9) Benzaldehyde	7.065	77	786043	54.897	ng	96
10) Phenol	7.124	94	1313505	52.519	ng	99
11) bis(2-Chloroethyl)ether	7.347	93	908057	44.556	ng	97
12) 1,3-Dichlorobenzene	7.817	146	818526	39.060	ng	98
13) 1,4-Dichlorobenzene	7.964	146	826470	38.871	ng	99
14) 1,2-Dichlorobenzene	8.281	146	805635	36.849	ng	96
15) Benzyl Alcohol	8.164	79	731005	45.271	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.446	45	939622	37.986	ng	98
17) 2-Methylphenol	8.369	107	704611	41.017	ng	99
18) Hexachloroethane	9.010	117	289890	38.887	ng	96
19) n-Nitroso-di-n-propyla...	8.728	70	671262	38.881	ng	97
20) 3+4-Methylphenols	8.698	107	1010436	43.626	ng	97
22) Acetophenone	8.745	105	1266901	41.608	ng	# 99
24) Nitrobenzene	9.133	77	967589	39.790	ng	99
25) Isophorone	9.650	82	1798509	38.178	ng	98
26) 2-Nitrophenol	9.844	139	413052	46.198	ng	96
27) 2,4-Dimethylphenol	9.903	122	609685	51.605	ng	98
28) bis(2-Chloroethoxy)met...	10.138	93	1145083	39.783	ng	98
29) 2,4-Dichlorophenol	10.379	162	863636	45.110	ng	97
30) 1,2,4-Trichlorobenzene	10.590	180	935412	39.273	ng	94
31) Naphthalene	10.778	128	2281269	39.289	ng	99
32) Benzoic acid	10.038	122	372450	38.312	ng	91
33) 4-Chloroaniline	10.890	127	360591	16.118	ng	96
34) Hexachlorobutadiene	11.060	225	576786	37.174	ng	93
35) Caprolactam	11.665	113	268296	43.510	ng	# 86
36) 4-Chloro-3-methylphenol	12.018	107	866988	44.576	ng	98
37) 2-Methylnaphthalene	12.388	142	1725653	40.072	ng	96
38) 1-Methylnaphthalene	12.605	142	1630788	37.712	ng	97
40) 1,2,4,5-Tetrachloroben...	12.758	216	1167715	40.243	ng	99
41) Hexachlorocyclopentadiene	12.735	237	1088497	112.989	ng	98
43) 2,4,6-Trichlorophenol	12.999	196	784445	42.481	ng	99

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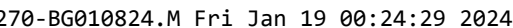
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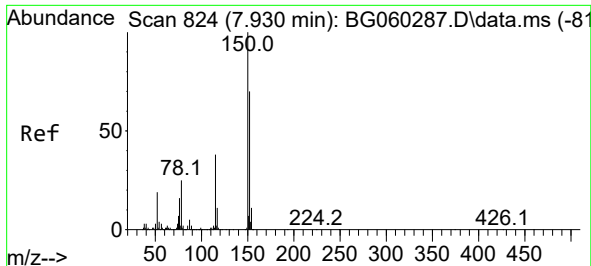
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.070	196	860132	42.231	ng	99
46) 1,1'-Biphenyl	13.399	154	2445078	39.647	ng	98
47) 2-Chloronaphthalene	13.440	162	2069358	39.168	ng	99
48) 2-Nitroaniline	13.645	65	598824	45.512	ng	98
49) Acenaphthylene	14.286	152	3181104	43.724	ng	99
50) Dimethylphthalate	14.021	163	2446100	39.179	ng	99
51) 2,6-Dinitrotoluene	14.139	165	557907	41.878	ng	91
52) Acenaphthene	14.632	154	1824046	40.264	ng	99
53) 3-Nitroaniline	14.474	138	339675	27.981	ng	99
54) 2,4-Dinitrophenol	14.674	184	437092	56.891	ng	98
55) Dibenzofuran	14.961	168	3078197	40.703	ng	98
56) 4-Nitrophenol	14.785	139	780300	86.660	ng	98
57) 2,4-Dinitrotoluene	14.926	165	778981	42.640	ng	99
58) Fluorene	15.614	166	2504022	39.983	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.191	232	785447	45.414	ng	100
60) Diethylphthalate	15.384	149	2364615	39.450	ng	99
61) 4-Chlorophenyl-phenyle...	15.602	204	1379825	39.995	ng	97
62) 4-Nitroaniline	15.637	138	553215	42.819	ng	97
63) Azobenzene	15.902	77	2457719	40.540	ng	99
65) 4,6-Dinitro-2-methylph...	15.690	198	384915	35.790	ng	96
66) n-Nitrosodiphenylamine	15.819	169	2266979	43.917	ng	98
67) 4-Bromophenyl-phenylether	16.501	248	901634	42.209	ng	98
68) Hexachlorobenzene	16.618	284	1023454	40.476	ng	98
69) Atrazine	16.771	200	864146	44.396	ng	98
70) Pentachlorophenol	16.965	266	1107968	81.292	ng	93
71) Phenanthrene	17.353	178	3894547	41.446	ng	100
72) Anthracene	17.447	178	3938692	41.983	ng	99
73) Carbazole	17.717	167	3621021	40.941	ng	100
74) Di-n-butylphthalate	18.275	149	3759845	41.315	ng	99
75) Fluoranthene	19.368	202	4330127	38.366	ng	100
77) Benzidine	19.550	184	1854100	49.425	ng	100
78) Pyrene	19.732	202	4489229	40.712	ng	98
80) Butylbenzylphthalate	20.619	149	1803581	47.541	ng	99
81) Benzo(a)anthracene	21.560	228	4523591	42.317	ng	98
82) 3,3'-Dichlorobenzidine	21.477	252	973786	23.787	ng	97
83) Chrysene	21.624	228	4344515	41.323	ng	99
84) Bis(2-ethylhexyl)phtha...	21.466	149	2641460	46.077	ng	96
85) Di-n-octyl phthalate	22.652	149	4353841	46.866	ng	100
87) Indeno(1,2,3-cd)pyrene	28.340	276	5888983	41.479	ng	# 95
88) Benzo(b)fluoranthene	23.733	252	4790032	39.710	ng	98
89) Benzo(k)fluoranthene	23.804	252	4868456	40.900	ng	99
90) Benzo(a)pyrene	24.591	252	4628581	42.477	ng	99
91) Dibenzo(a,h)anthracene	28.416	278	4861280	41.927	ng	98
92) Benzo(g,h,i)perylene	29.480	276	4356218	36.658	ng	97

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

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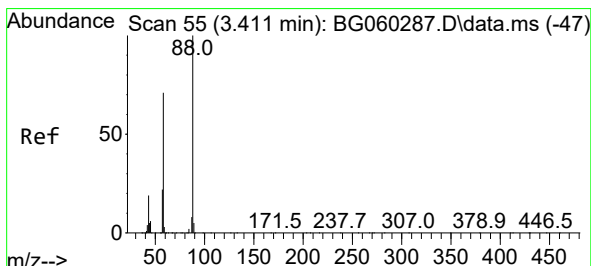
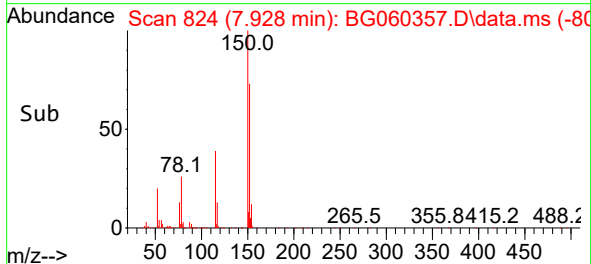
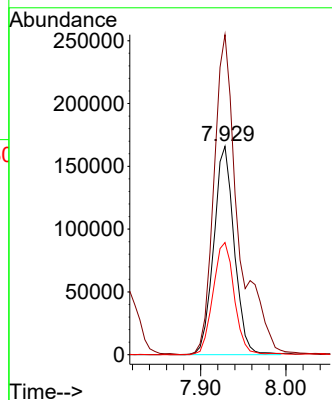
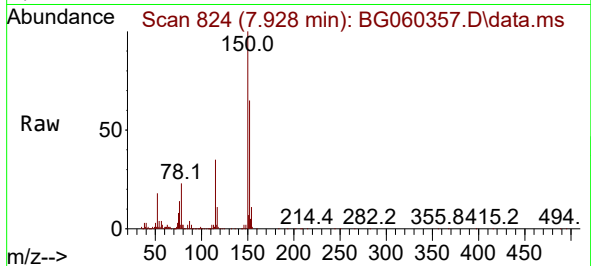




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.928 min Scan# 81
 Delta R.T. -0.002 min
 Lab File: BG060357.D
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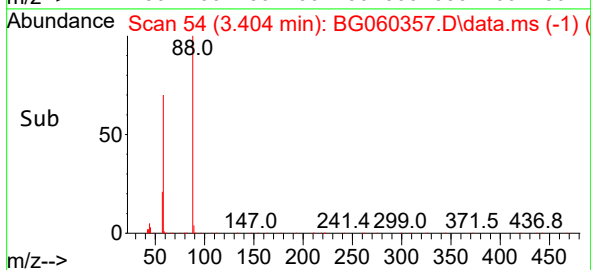
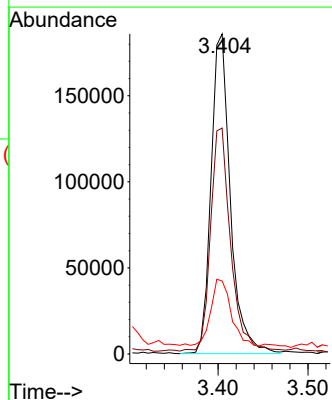
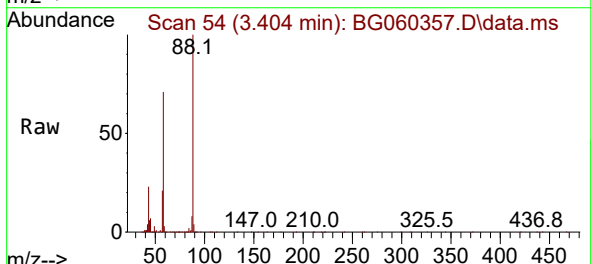
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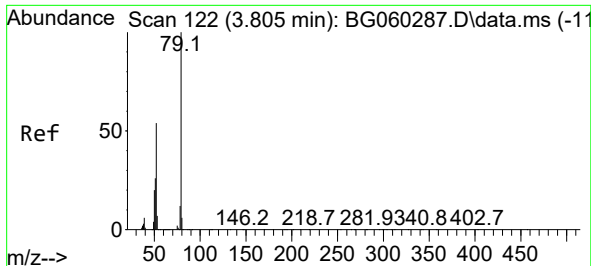
Tgt Ion:152 Resp: 277079
 Ion Ratio Lower Upper
 152 100
 150 153.6 114.5 171.7
 115 53.9 43.0 64.6



#2
 1,4-Dioxane
 Concen: 36.080 ng
 RT: 3.404 min Scan# 54
 Delta R.T. -0.007 min
 Lab File: BG060357.D
 Acq: 18 Jan 2024 18:11

Tgt Ion: 88 Resp: 277638
 Ion Ratio Lower Upper
 88 100
 58 71.9 55.9 83.9
 43 22.0 16.6 24.8





#3

Pyridine

Concen: 36.117 ng

RT: 3.792 min Scan# 11

Delta R.T. -0.013 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Instrument :

BNA_G

ClientSampleId :

TP-011724MSD

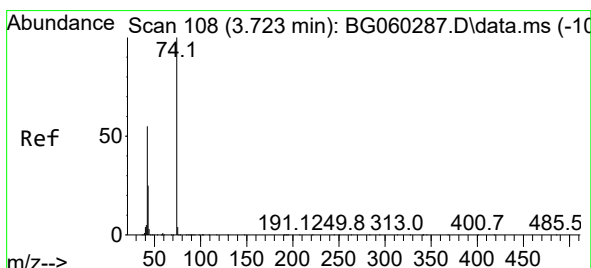
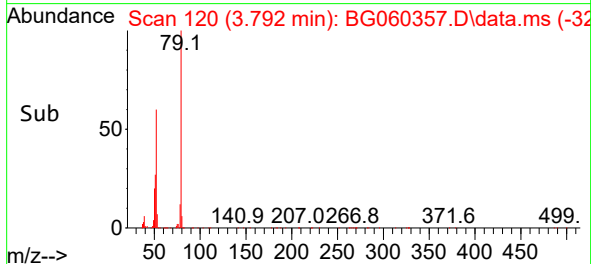
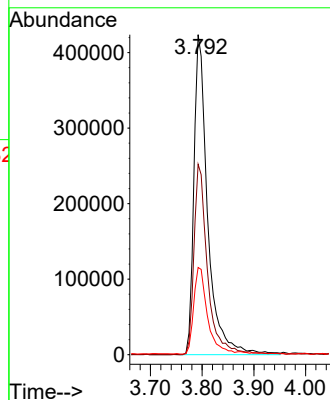
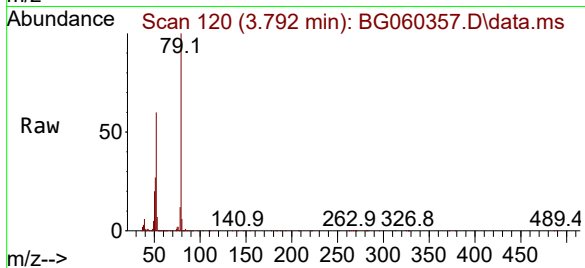
Tgt Ion: 79 Resp: 784137

Ion Ratio Lower Upper

79 100

52 59.5 43.2 64.8

51 27.3 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 40.728 ng

RT: 3.716 min Scan# 107

Delta R.T. -0.007 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

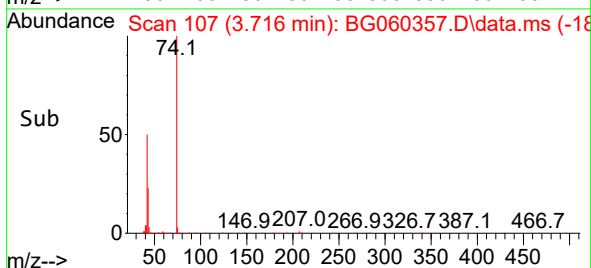
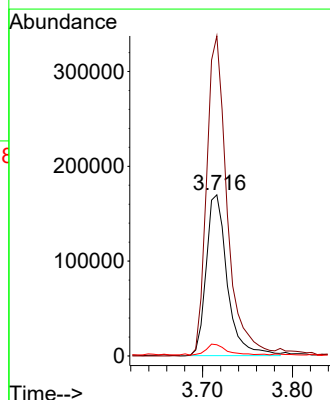
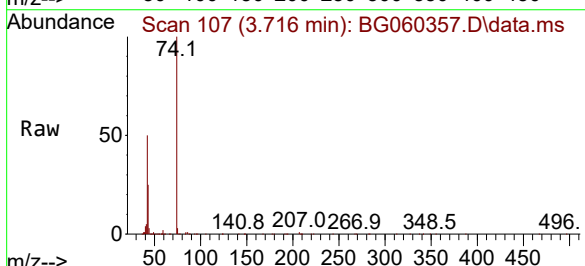
Tgt Ion: 42 Resp: 276740

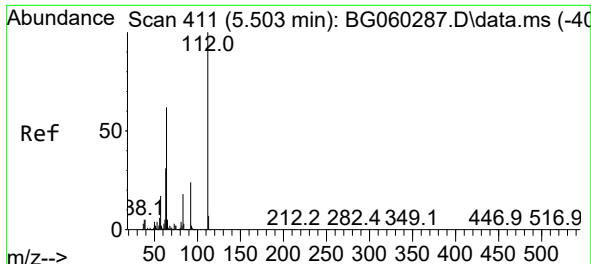
Ion Ratio Lower Upper

42 100

74 198.6 145.1 217.7

44 6.9 5.2 7.8

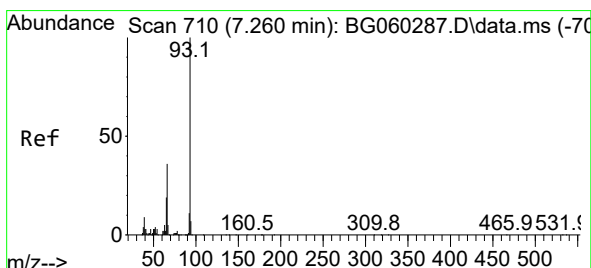
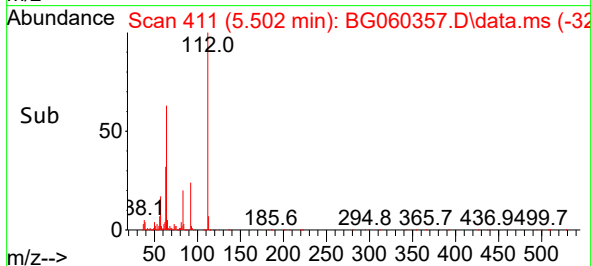
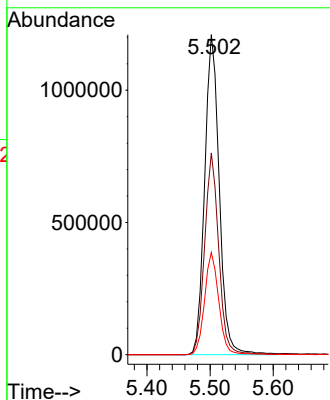
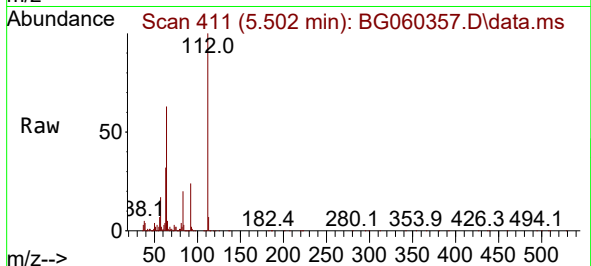




#5
2-Fluorophenol
Concen: 115.225 ng
RT: 5.502 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

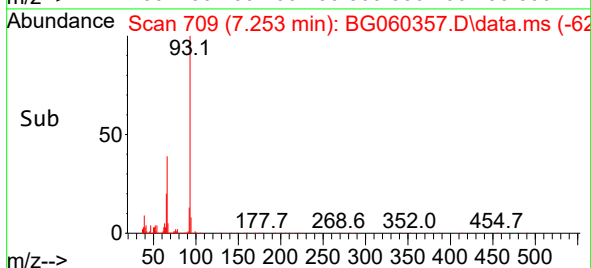
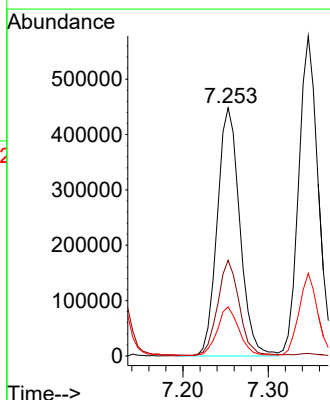
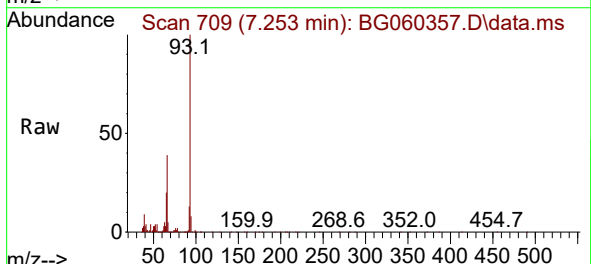
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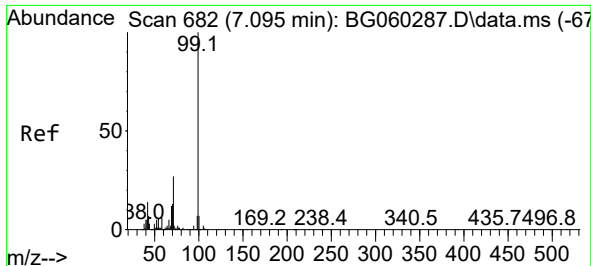
Tgt Ion:112 Resp: 1941075
Ion Ratio Lower Upper
112 100
64 63.1 49.8 74.6
63 32.0 24.4 36.6



#6
Aniline
Concen: 33.074 ng
RT: 7.253 min Scan# 709
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion: 93 Resp: 824657
Ion Ratio Lower Upper
93 100
66 38.5 29.0 43.4
65 19.8 15.1 22.7

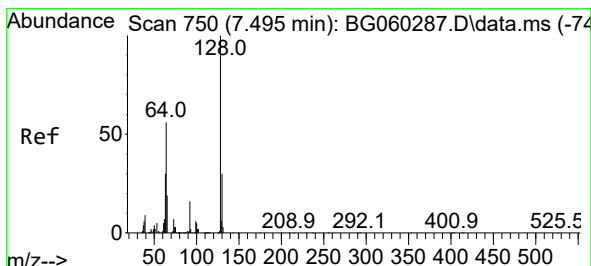
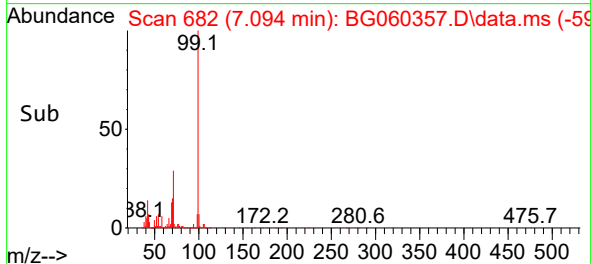
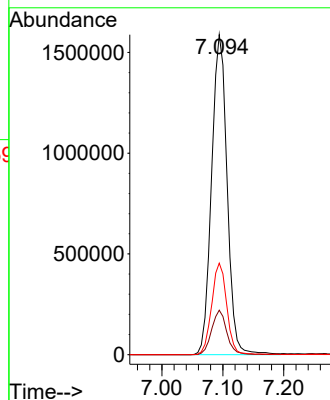
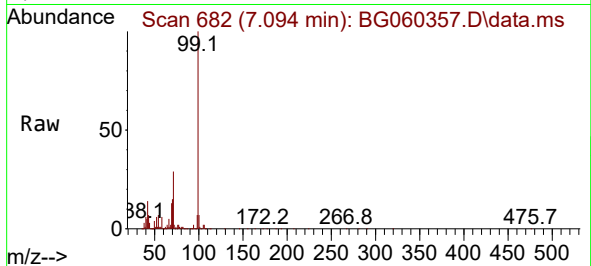




#7
Phenol-d6
Concen: 112.885 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

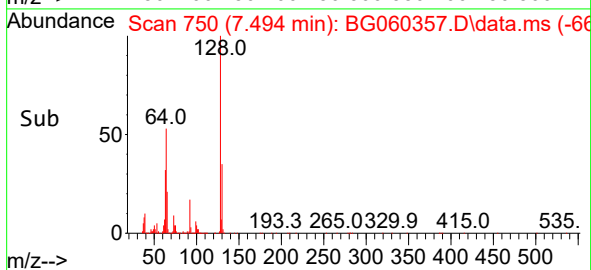
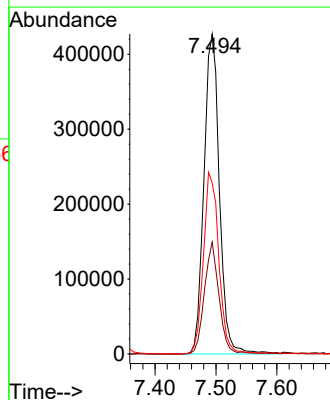
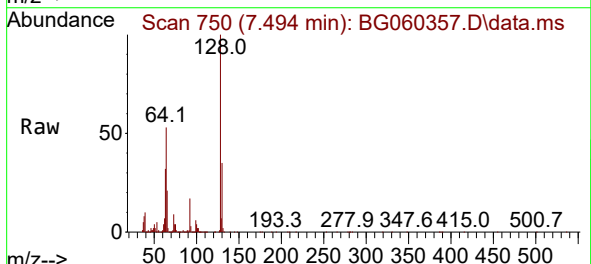
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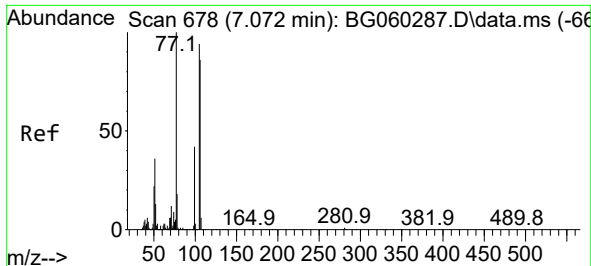
Tgt Ion: 99 Resp: 2815899
Ion Ratio Lower Upper
99 100
42 13.9 10.9 16.3
71 28.6 21.5 32.3



#8
2-Chlorophenol
Concen: 45.207 ng
RT: 7.494 min Scan# 750
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:128 Resp: 754733
Ion Ratio Lower Upper
128 100
130 35.0 9.9 49.9
64 53.5 37.8 77.8

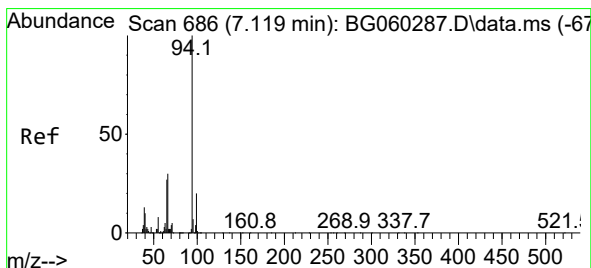
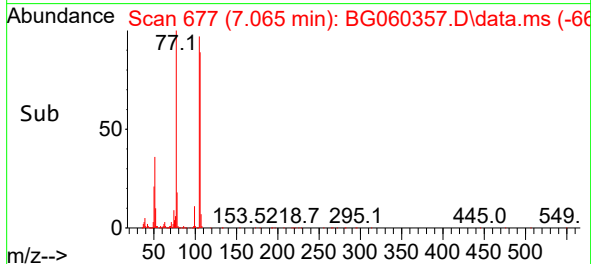
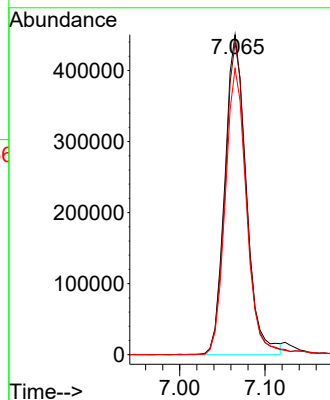
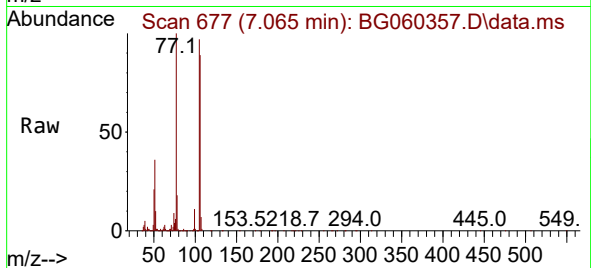




#9
Benzaldehyde
Concen: 54.897 ng
RT: 7.065 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

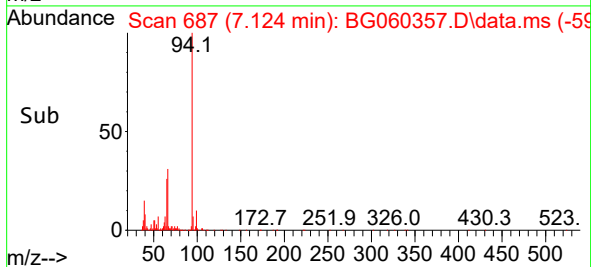
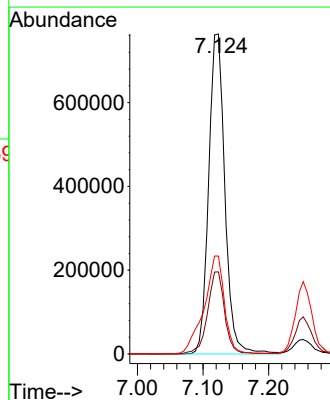
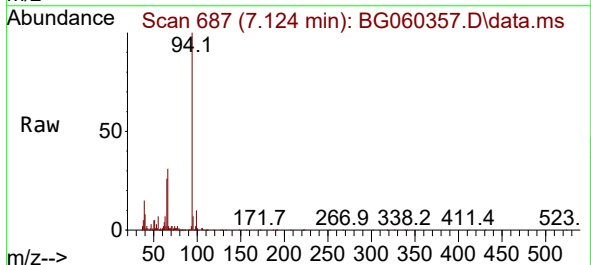
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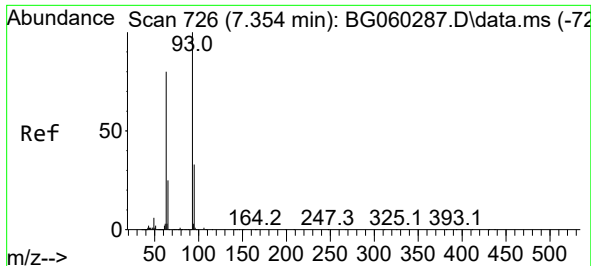
Tgt Ion: 77 Resp: 786043
Ion Ratio Lower Upper
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105 97.5 73.6 113.6
106 89.5 66.2 106.2



#10
Phenol
Concen: 52.519 ng
RT: 7.124 min Scan# 687
Delta R.T. 0.005 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion: 94 Resp: 1313505
Ion Ratio Lower Upper
94 100
65 25.7 6.7 46.7
66 30.6 10.6 50.6

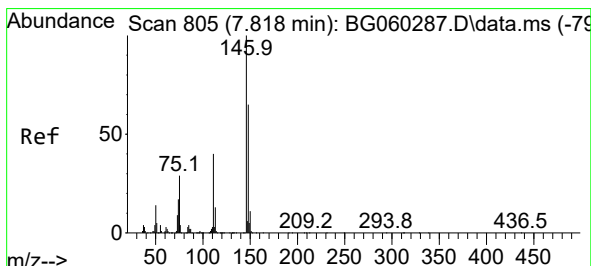
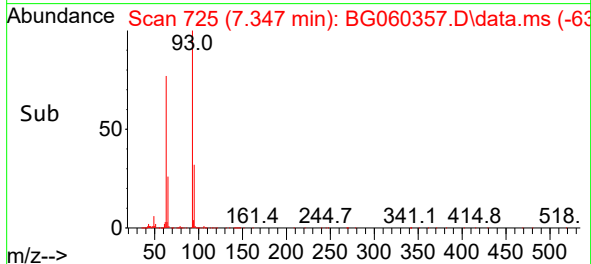
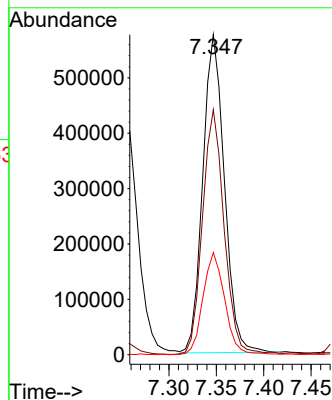
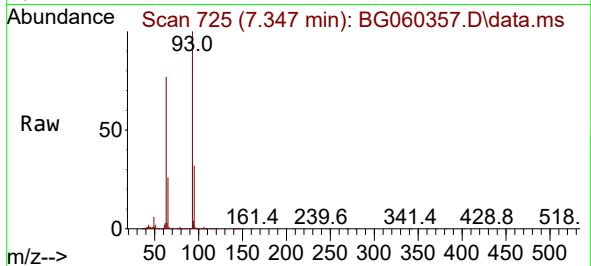




#11
bis(2-Chloroethyl)ether
Concen: 44.556 ng
RT: 7.347 min Scan# 725
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

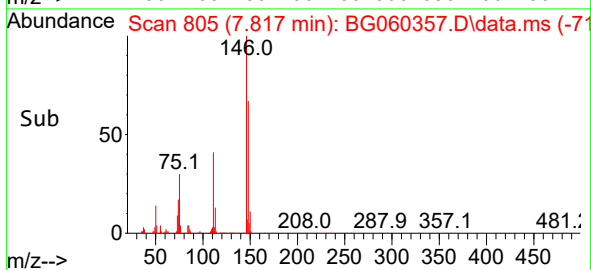
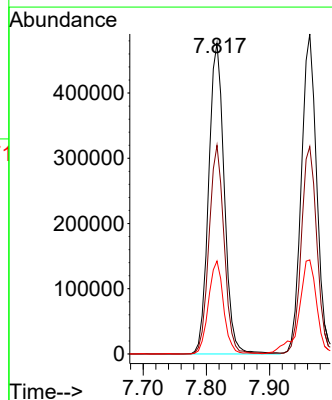
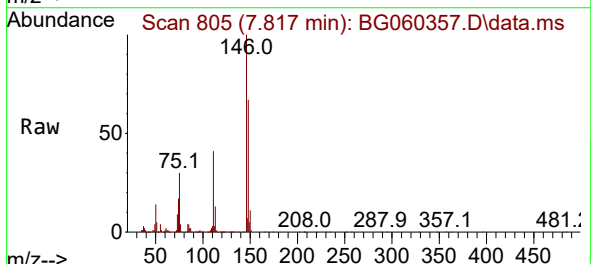
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

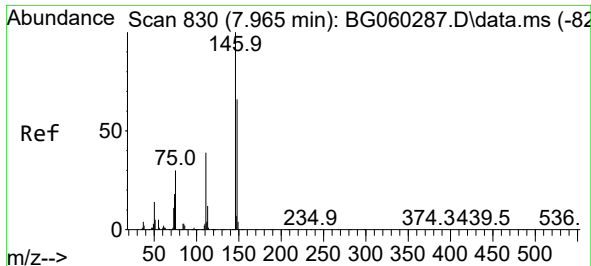
Tgt Ion: 93 Resp: 908057
Ion Ratio Lower Upper
93 100
63 76.5 59.3 99.3
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.060 ng
RT: 7.817 min Scan# 805
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion: 146 Resp: 818526
Ion Ratio Lower Upper
146 100
148 67.1 52.3 78.5
75 29.9 22.9 34.3

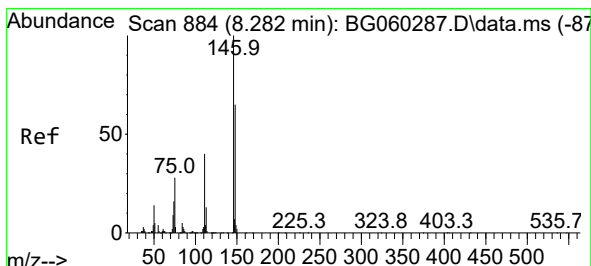
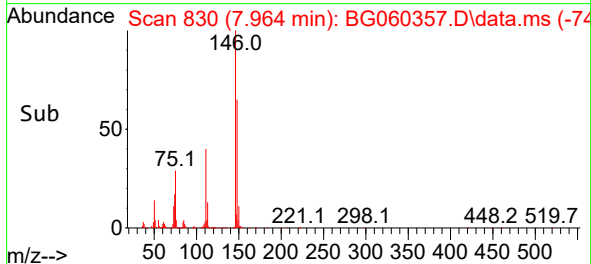
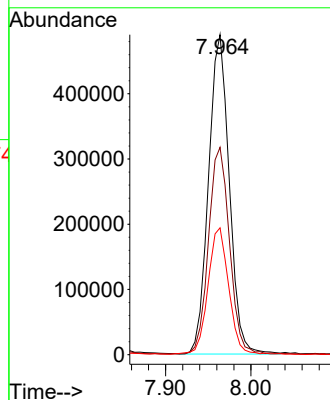
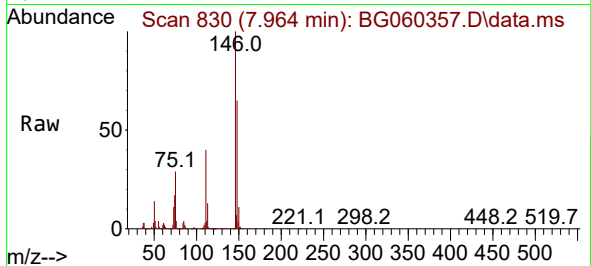




#13
1,4-Dichlorobenzene
Concen: 38.871 ng
RT: 7.964 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

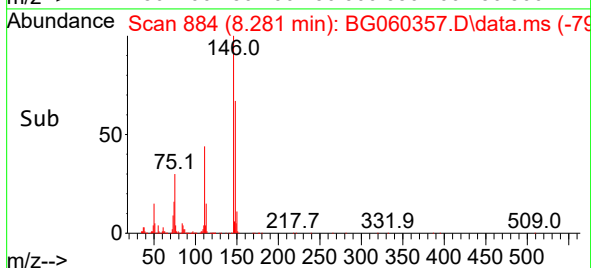
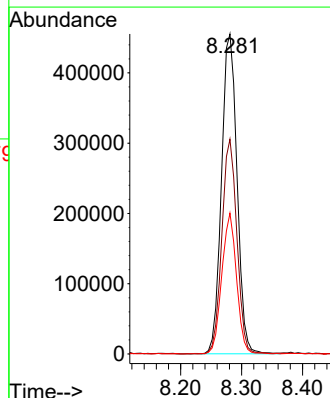
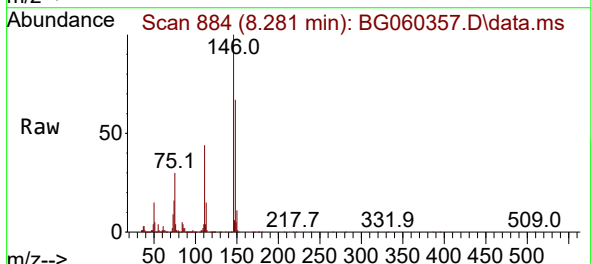
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

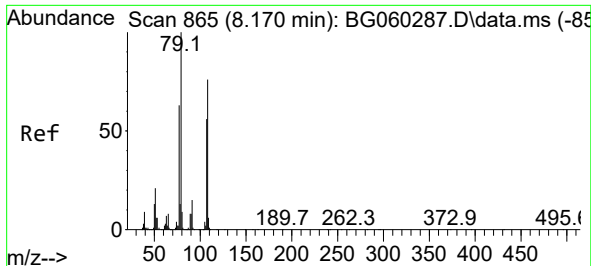
Tgt Ion:146 Resp: 826470
Ion Ratio Lower Upper
146 100
148 64.8 52.7 79.1
111 39.6 31.4 47.0



#14
1,2-Dichlorobenzene
Concen: 36.849 ng
RT: 8.281 min Scan# 884
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:146 Resp: 805635
Ion Ratio Lower Upper
146 100
148 67.1 51.8 77.8
111 44.0 32.6 48.8

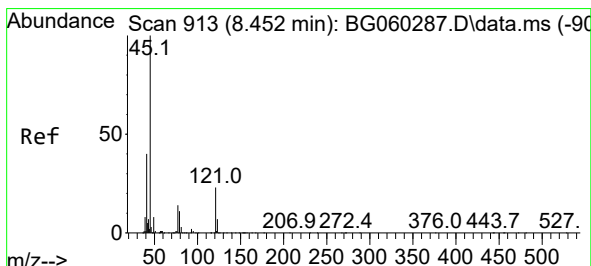
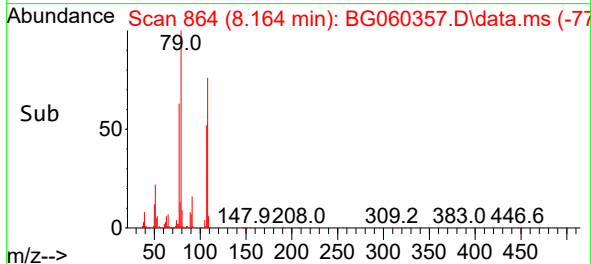
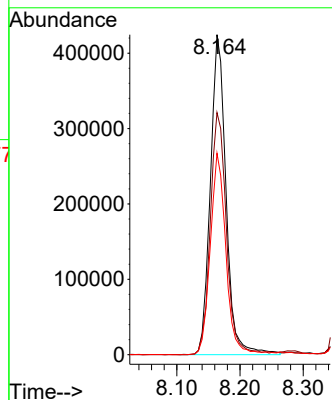
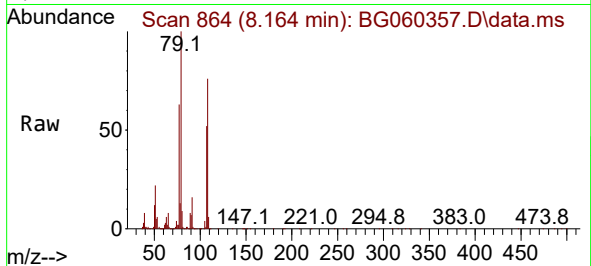




#15
Benzyl Alcohol
Concen: 45.271 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

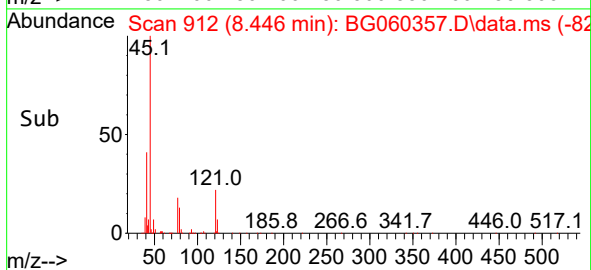
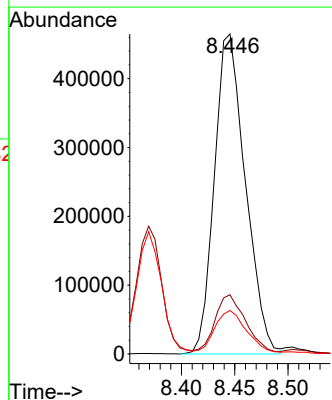
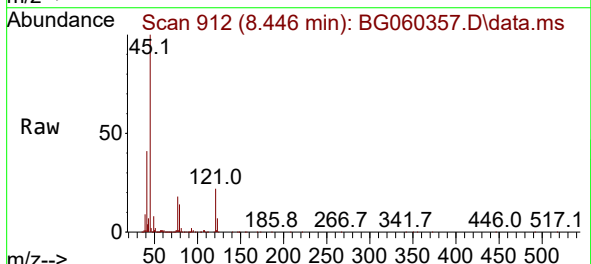
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

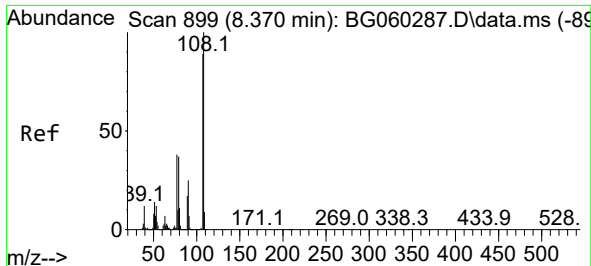
Tgt Ion: 79 Resp: 731005
Ion Ratio Lower Upper
79 100
108 75.7 61.2 91.8
77 63.0 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.986 ng
RT: 8.446 min Scan# 912
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion: 45 Resp: 939622
Ion Ratio Lower Upper
45 100
77 18.5 0.0 37.3
79 13.6 0.0 34.0

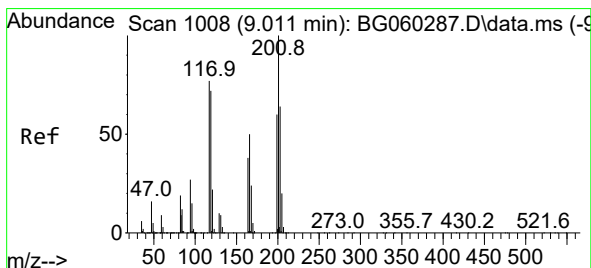
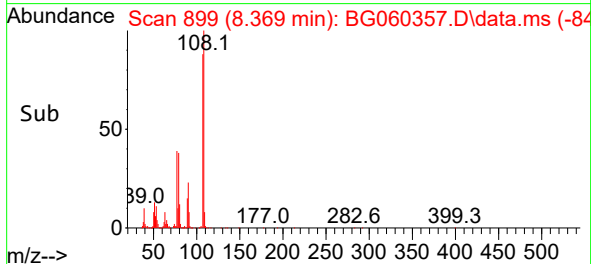
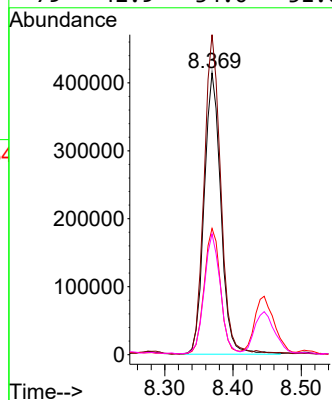
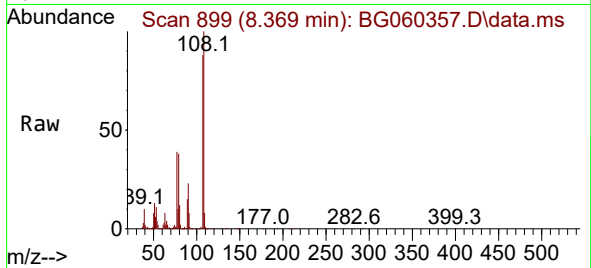




#17
2-Methylphenol
Concen: 41.017 ng
RT: 8.369 min Scan# 899
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

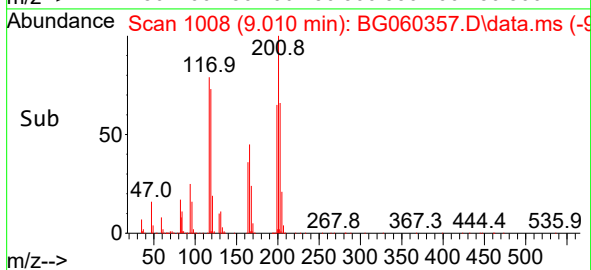
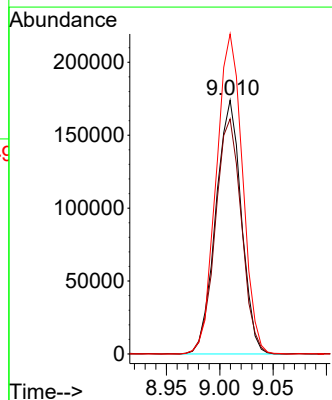
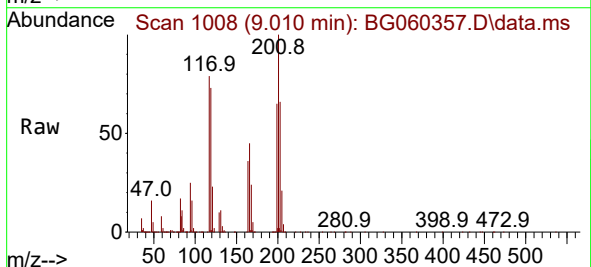
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

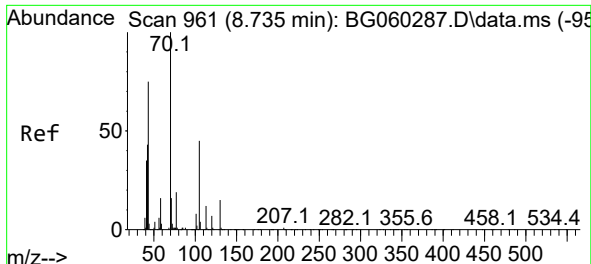
Tgt Ion:107 Resp: 704611
Ion Ratio Lower Upper
107 100
108 113.6 90.5 135.7
77 44.8 35.0 52.6
79 42.9 34.0 51.0



#18
Hexachloroethane
Concen: 38.887 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:117 Resp: 289890
Ion Ratio Lower Upper
117 100
119 92.6 74.5 111.7
201 126.1 106.3 159.5

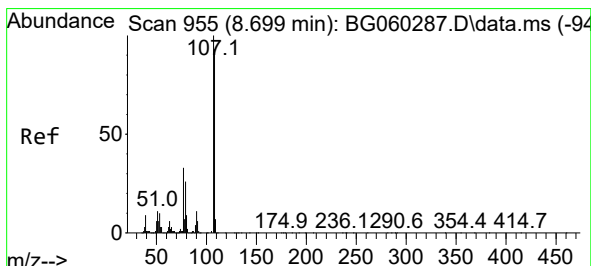
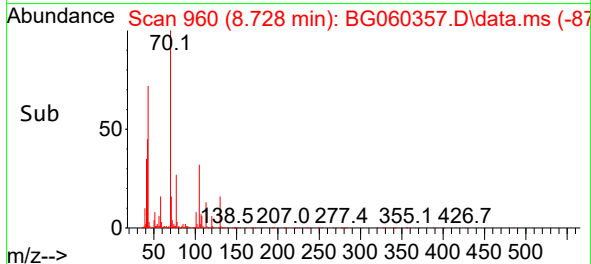
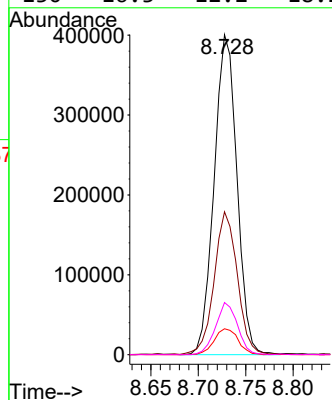
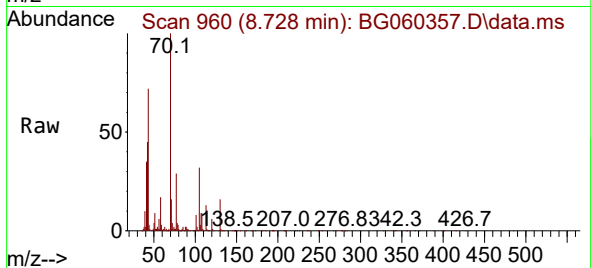




#19
n-Nitroso-di-n-propylamine
Concen: 38.881 ng
RT: 8.728 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

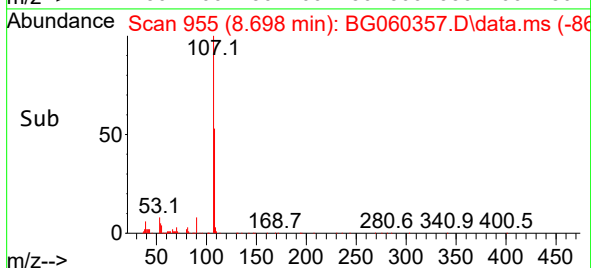
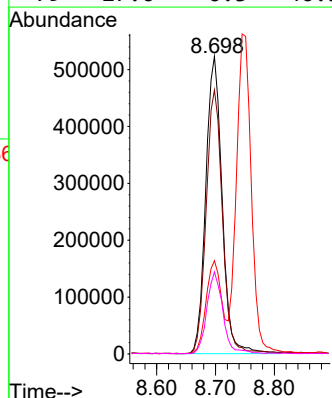
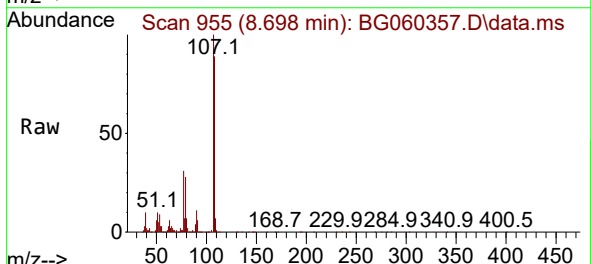
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

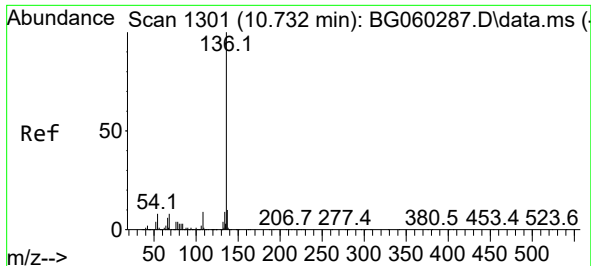
Tgt Ion: 70 Resp: 671262
Ion Ratio Lower Upper
70 100
42 44.7 34.3 51.5
101 8.1 6.2 9.2
130 16.3 12.2 18.2



#20
3+4-Methylphenols
Concen: 43.626 ng
RT: 8.698 min Scan# 955
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion: 107 Resp: 1010436
Ion Ratio Lower Upper
107 100
108 88.7 72.5 112.5
77 31.4 13.0 53.0
79 27.6 6.3 46.3

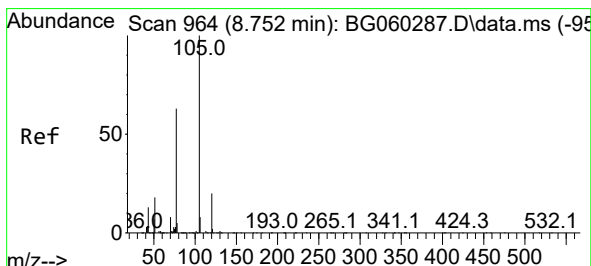
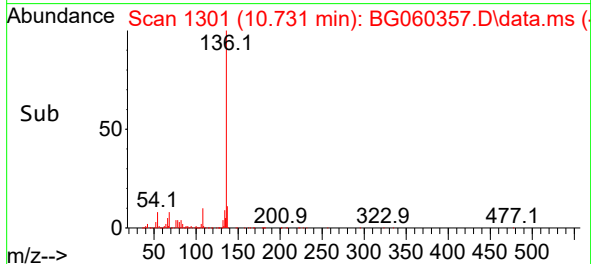
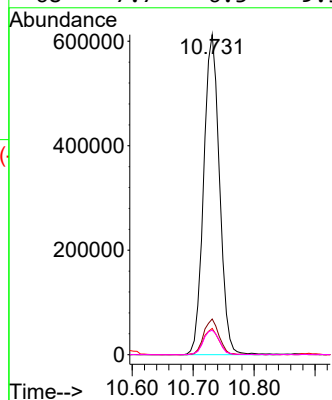
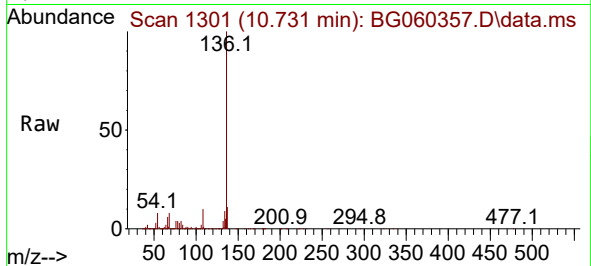




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

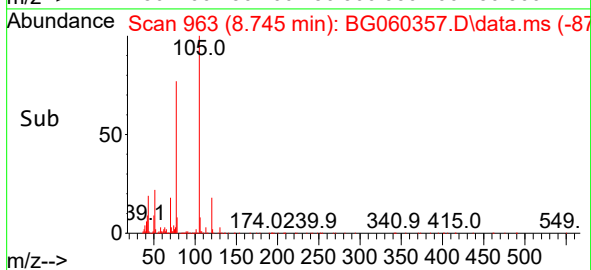
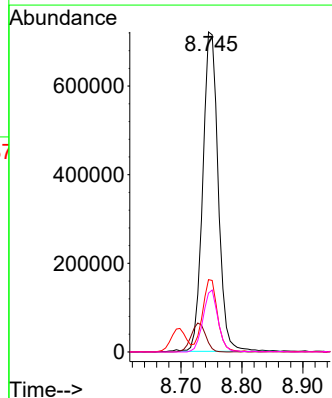
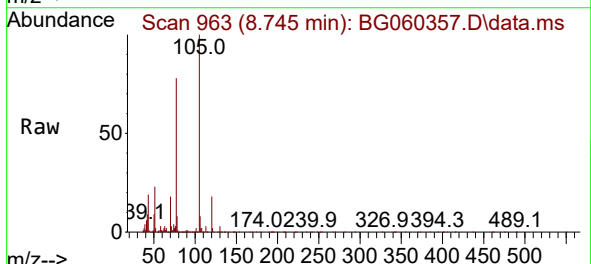
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

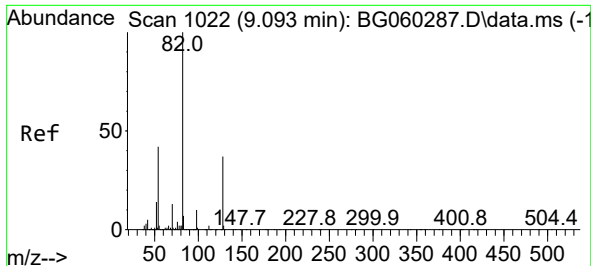
Tgt Ion:136 Resp: 1107682
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 8.2 6.2 9.2
68 7.7 6.3 9.5



#22
Acetophenone
Concen: 41.608 ng
RT: 8.745 min Scan# 963
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:105 Resp: 1266901
Ion Ratio Lower Upper
105 100
71 2.9 1.7 2.5#
51 22.6 18.2 27.2
120 18.4 15.5 23.3

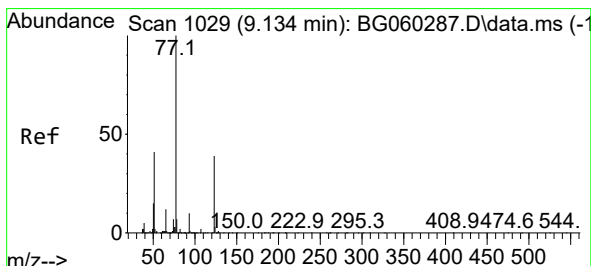
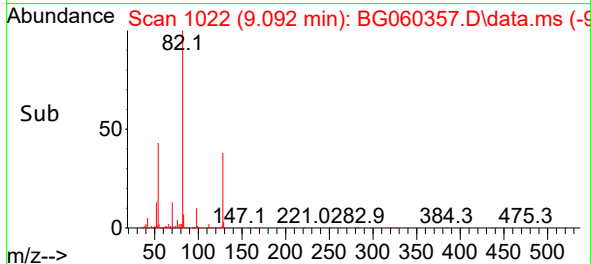
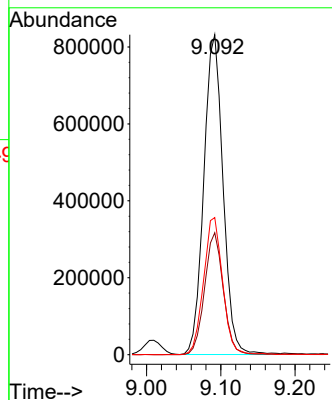
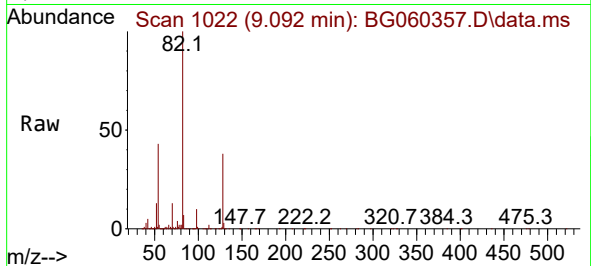




#23
Nitrobenzene-d5
Concen: 64.015 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

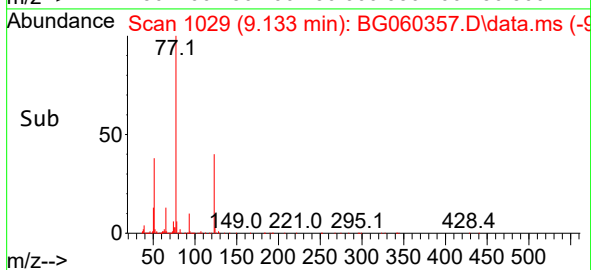
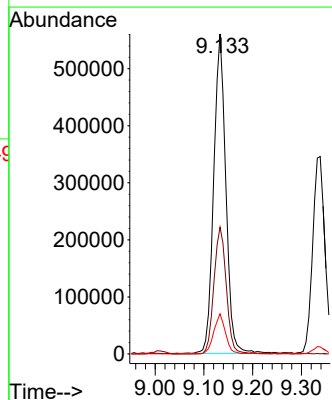
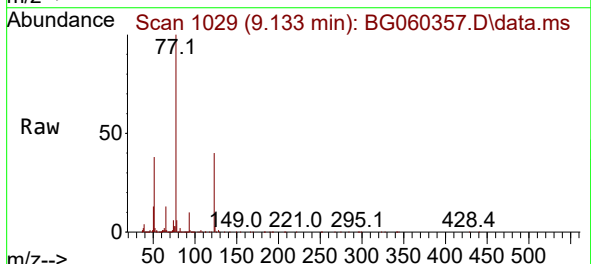
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

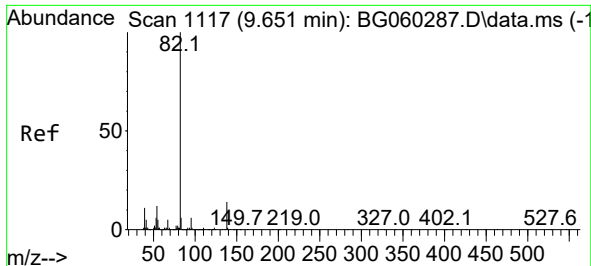
Tgt Ion: 82 Resp: 1501665
Ion Ratio Lower Upper
82 100
128 38.1 29.6 44.4
54 42.8 33.6 50.4



#24
Nitrobenzene
Concen: 39.790 ng
RT: 9.133 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion: 77 Resp: 967589
Ion Ratio Lower Upper
77 100
123 39.6 31.4 47.0
65 12.5 9.6 14.4

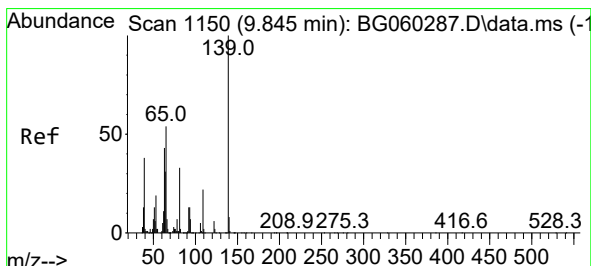
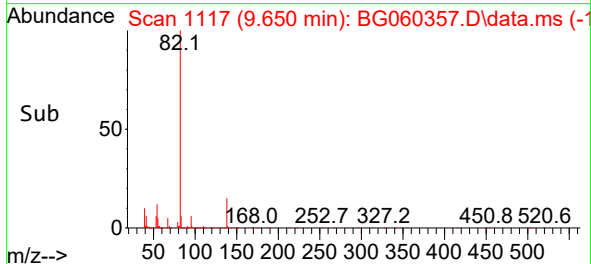
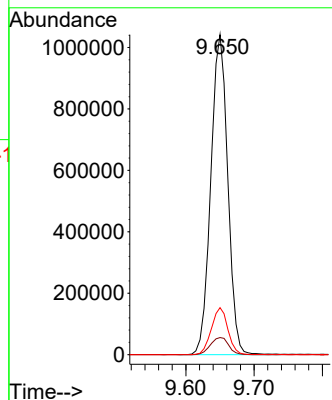
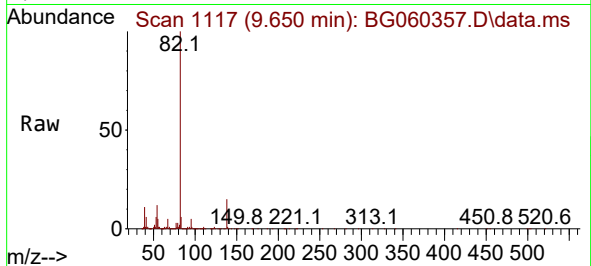




#25
Isophorone
Concen: 38.178 ng
RT: 9.650 min Scan# 1117
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

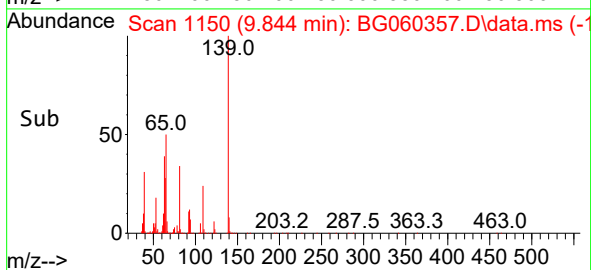
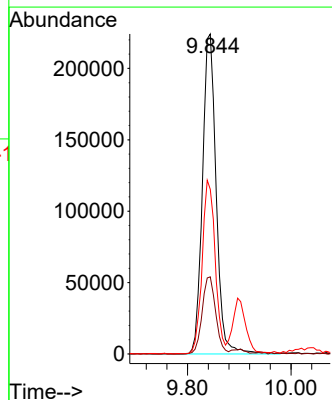
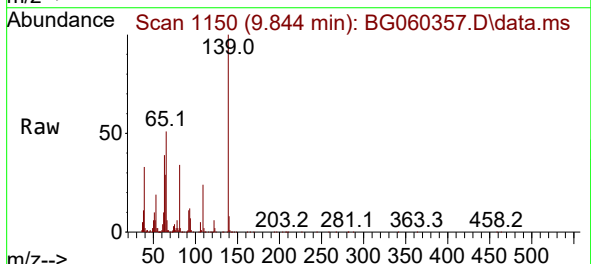
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

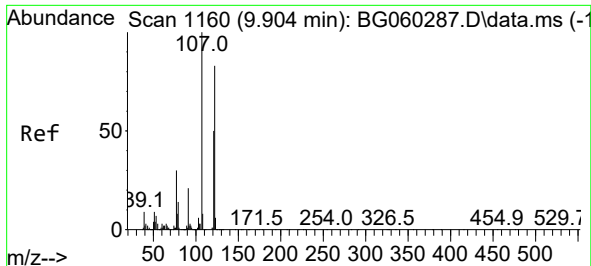
Tgt Ion: 82 Resp: 1798509
Ion Ratio Lower Upper
82 100
95 5.3 4.7 7.1
138 14.7 11.1 16.7



#26
2-Nitrophenol
Concen: 46.198 ng
RT: 9.844 min Scan# 1150
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:139 Resp: 413052
Ion Ratio Lower Upper
139 100
109 24.1 17.6 26.4
65 51.5 43.6 65.4

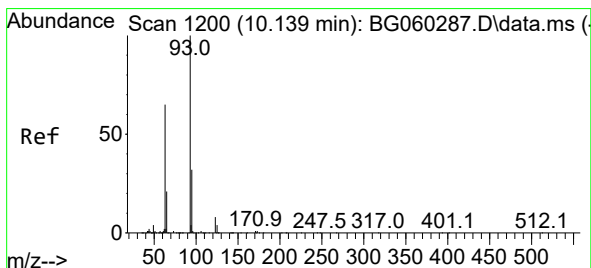
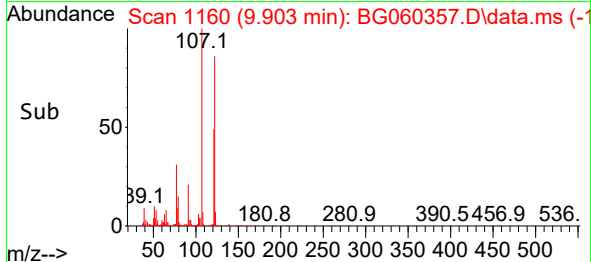
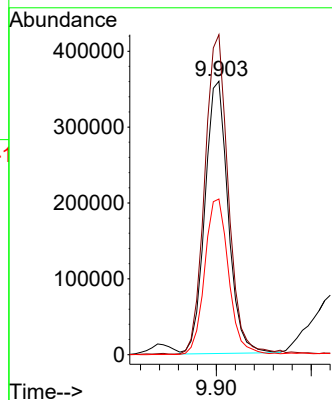
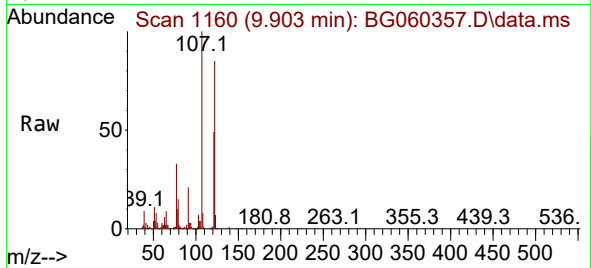




#27
2,4-Dimethylphenol
Concen: 51.605 ng
RT: 9.903 min Scan# 1160
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

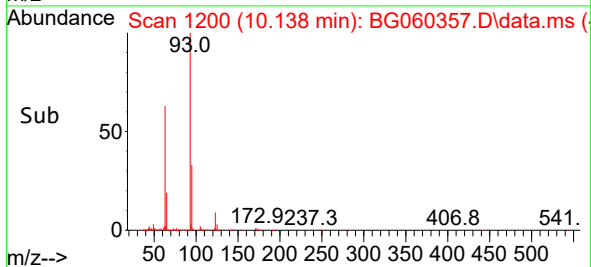
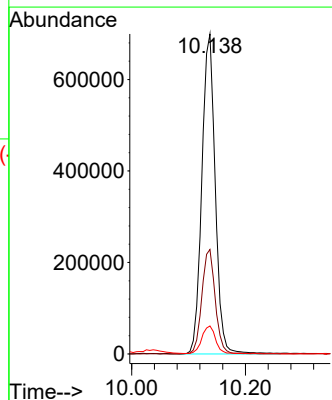
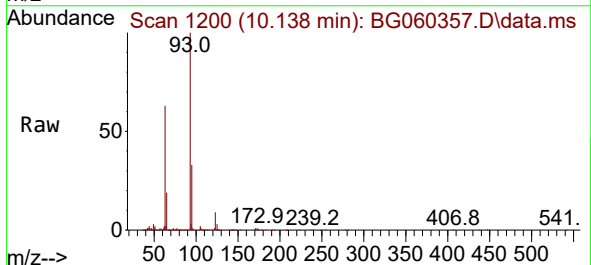
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

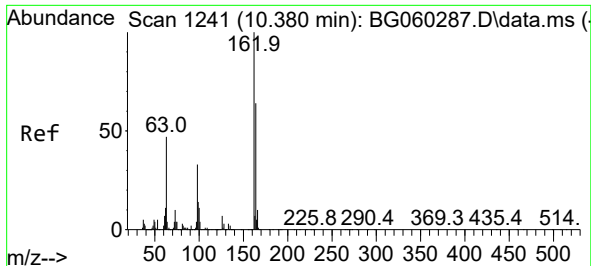
Tgt Ion:122 Resp: 609685
Ion Ratio Lower Upper
122 100
107 117.0 95.4 143.0
121 56.9 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 39.783 ng
RT: 10.138 min Scan# 1200
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion: 93 Resp: 1145083
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.0
123 8.8 6.7 10.1





#29

2,4-Dichlorophenol

Concen: 45.110 ng

RT: 10.379 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Instrument :

BNA_G

ClientSampleId :

TP-011724MSD

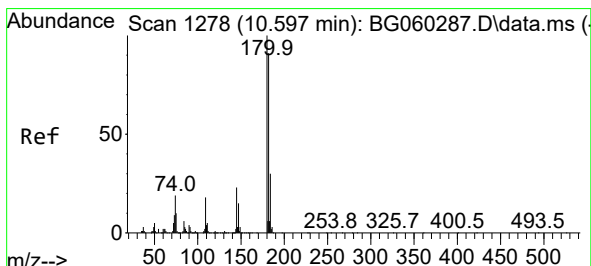
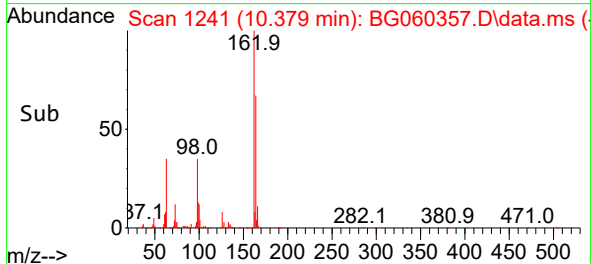
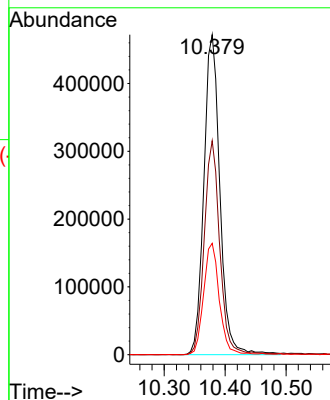
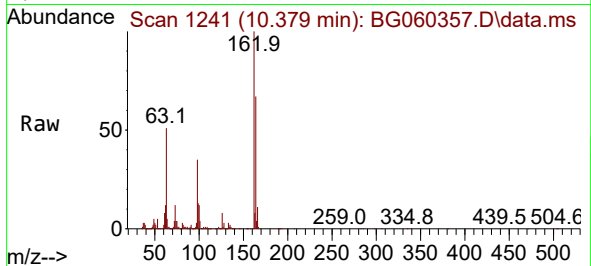
Tgt Ion:162 Resp: 863636

Ion Ratio Lower Upper

162 100

164 66.8 44.3 84.3

98 34.8 13.4 53.4



#30

1,2,4-Trichlorobenzene

Concen: 39.273 ng

RT: 10.590 min Scan# 1277

Delta R.T. -0.007 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

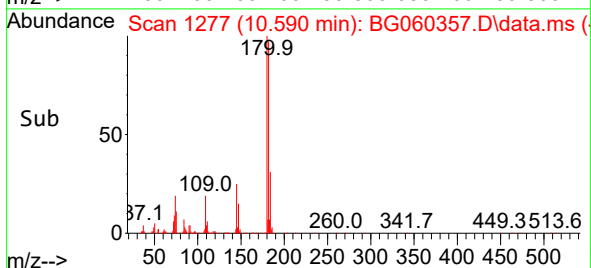
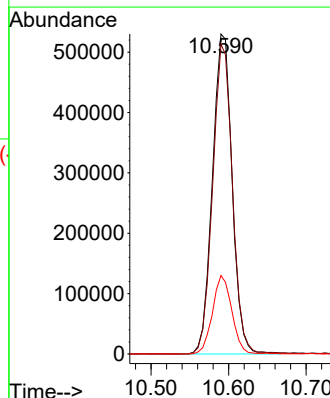
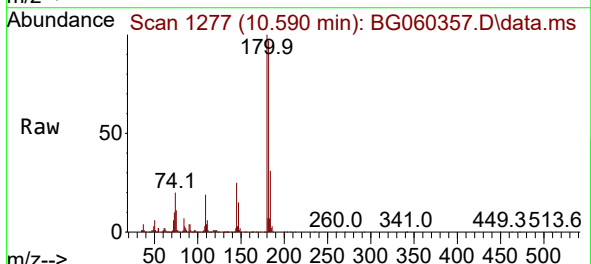
Tgt Ion:180 Resp: 935412

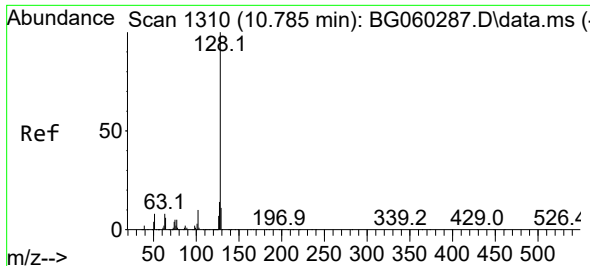
Ion Ratio Lower Upper

180 100

182 96.8 72.7 109.1

145 24.5 18.2 27.2

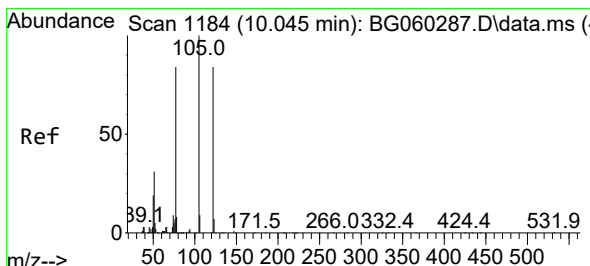
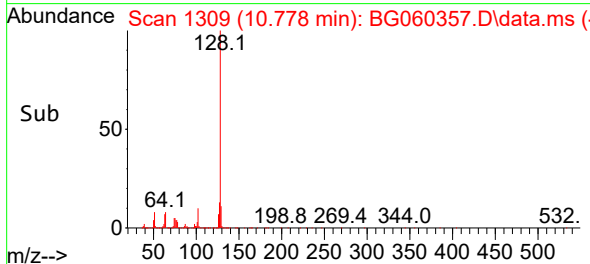
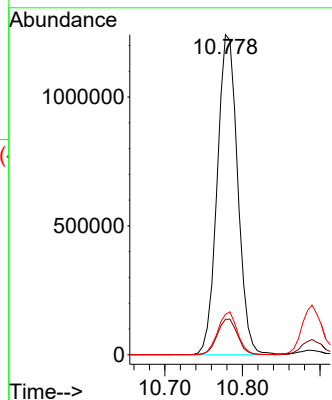
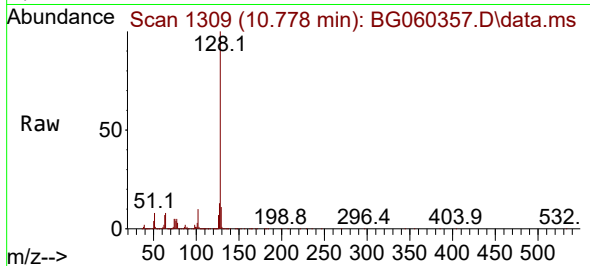




#31
Naphthalene
Concen: 39.289 ng
RT: 10.778 min Scan# 111
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

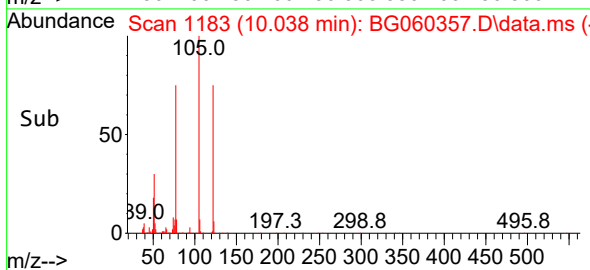
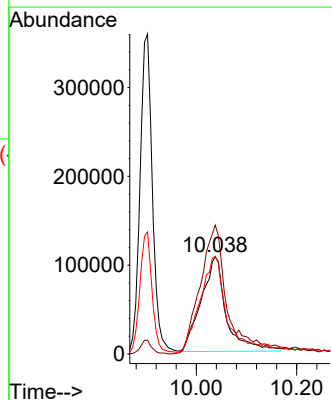
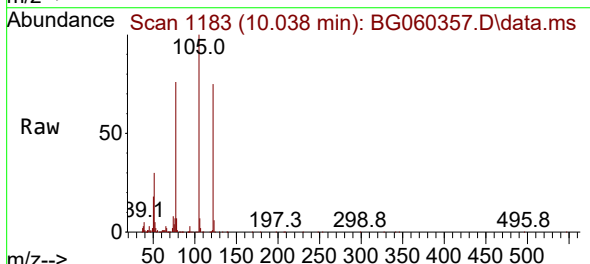
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

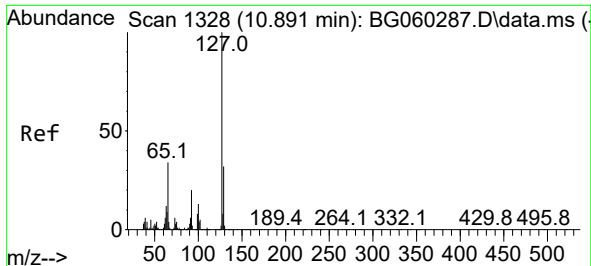
Tgt Ion:128 Resp: 2281269
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.6 10.9 16.3



#32
Benzoic acid
Concen: 38.312 ng
RT: 10.038 min Scan# 1183
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:122 Resp: 372450
Ion Ratio Lower Upper
122 100
105 133.1 96.0 136.0
77 100.7 80.1 120.1

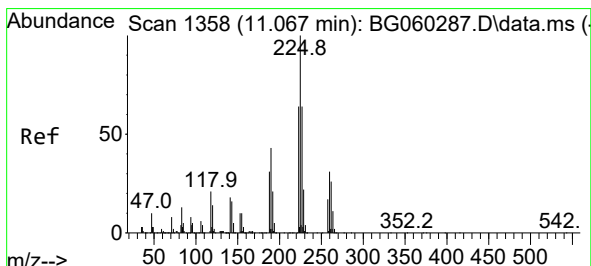
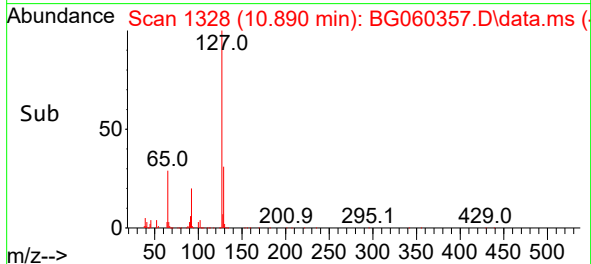
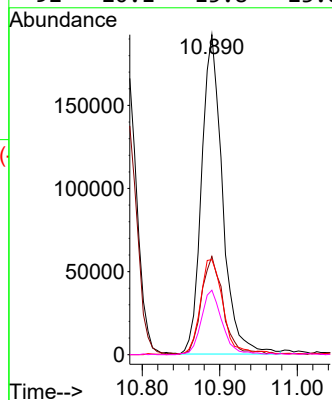
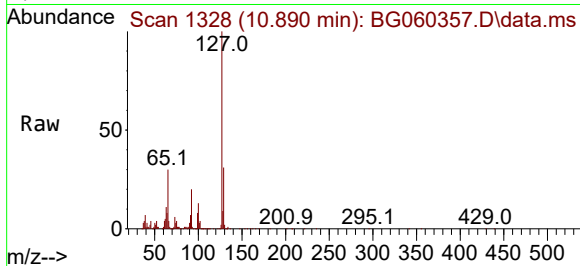




#33
4-Chloroaniline
Concen: 16.118 ng
RT: 10.890 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

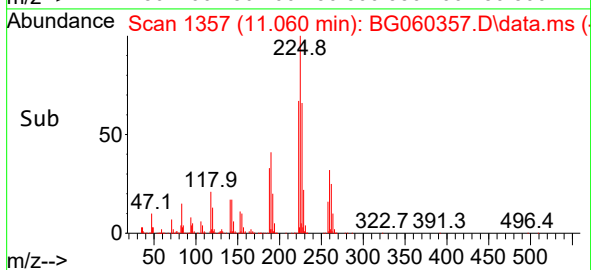
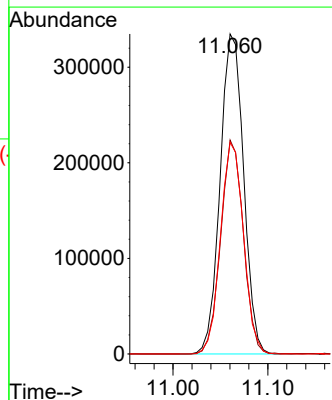
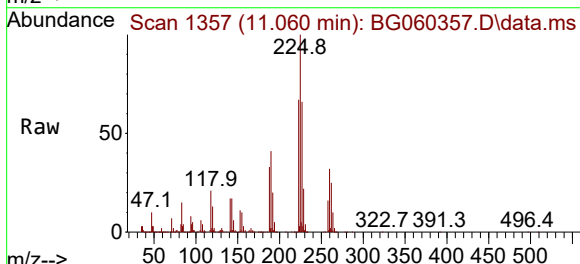
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

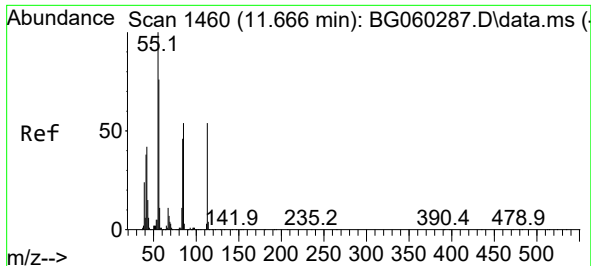
Tgt Ion:	127	Resp:	360591
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.5	38.3
65	29.7	27.5	41.3
92	20.1	15.8	23.8



#34
Hexachlorobutadiene
Concen: 37.174 ng
RT: 11.060 min Scan# 1357
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:	225	Resp:	576786
Ion	Ratio	Lower	Upper
225	100		
223	66.9	48.7	73.1
227	66.1	48.7	73.1

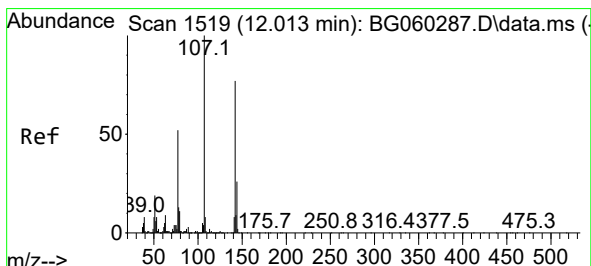
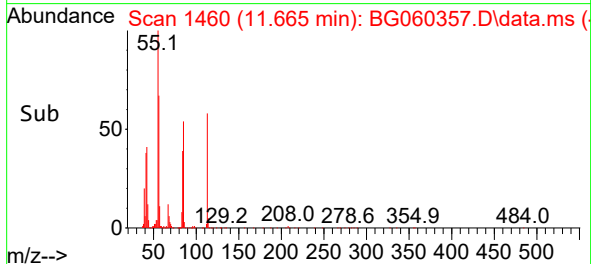
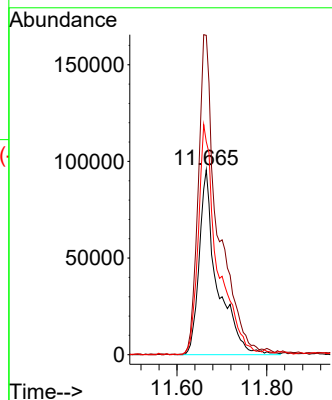
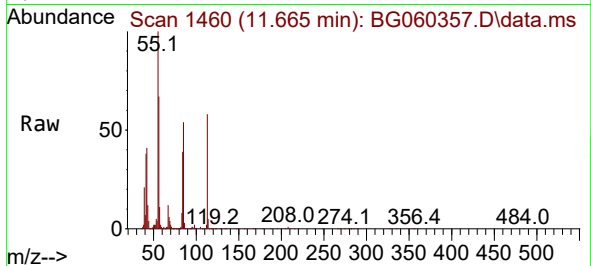




#35
Caprolactam
Concen: 43.510 ng
RT: 11.665 min Scan# 14
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

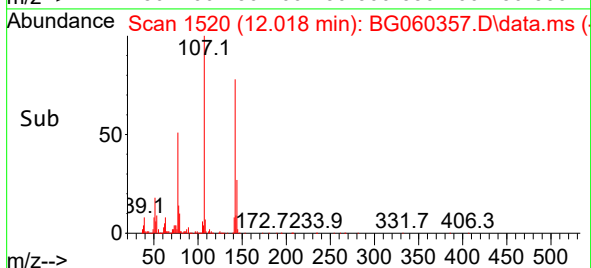
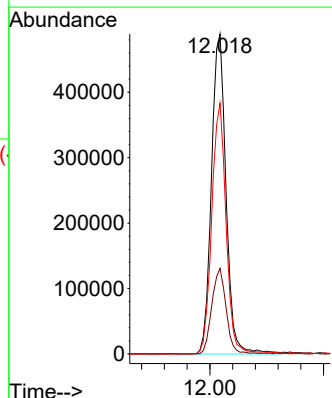
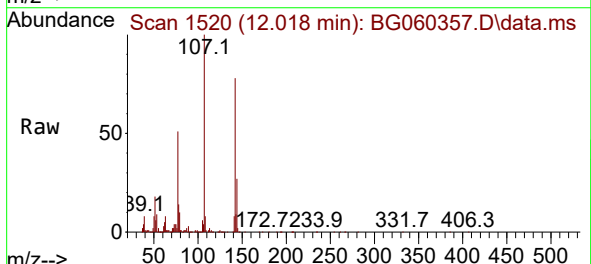
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

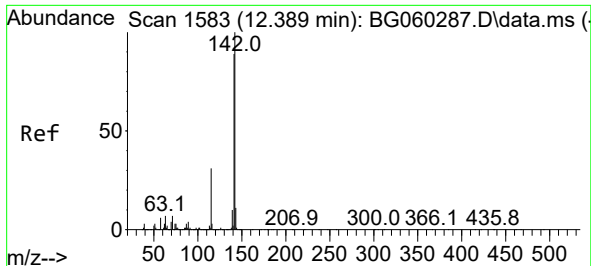
Tgt Ion:113 Resp: 268296
Ion Ratio Lower Upper
113 100
55 172.9 166.4 206.4
56 115.3 121.0 161.0#



#36
4-Chloro-3-methylphenol
Concen: 44.576 ng
RT: 12.018 min Scan# 1520
Delta R.T. 0.005 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:107 Resp: 866988
Ion Ratio Lower Upper
107 100
144 26.7 20.6 31.0
142 78.4 61.5 92.3





#37

2-Methylnaphthalene

Concen: 40.072 ng

RT: 12.388 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Instrument :

BNA_G

ClientSampleId :

TP-011724MSD

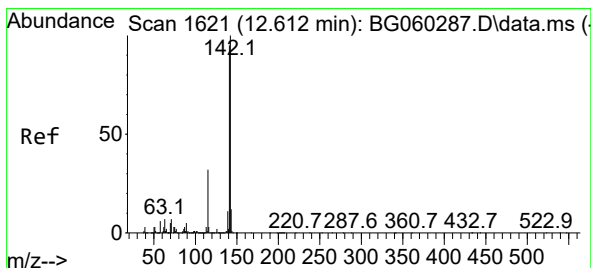
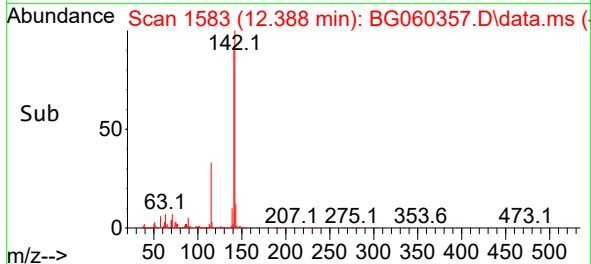
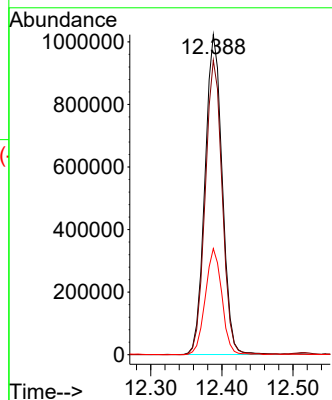
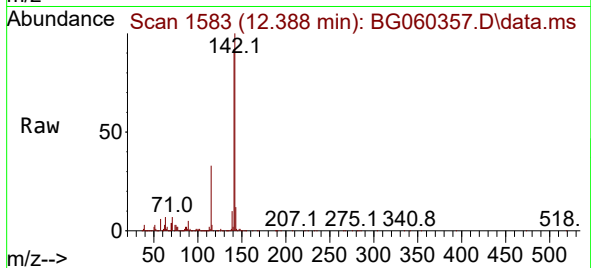
Tgt Ion:142 Resp: 1725653

Ion Ratio Lower Upper

142 100

141 92.0 71.0 106.4

115 33.1 24.7 37.1



#38

1-Methylnaphthalene

Concen: 37.712 ng

RT: 12.605 min Scan# 1620

Delta R.T. -0.007 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

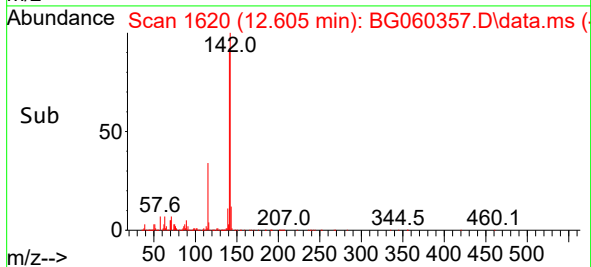
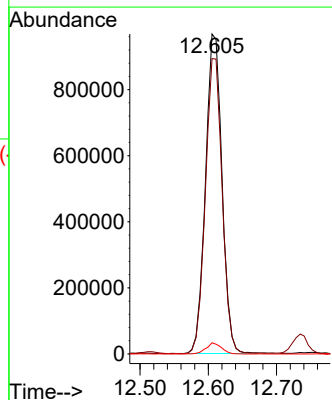
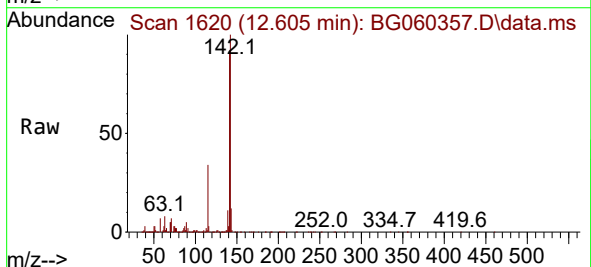
Tgt Ion:142 Resp: 1630788

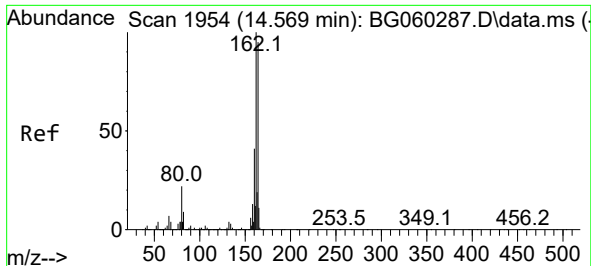
Ion Ratio Lower Upper

142 100

141 92.3 76.2 114.2

116 3.5 2.6 3.8

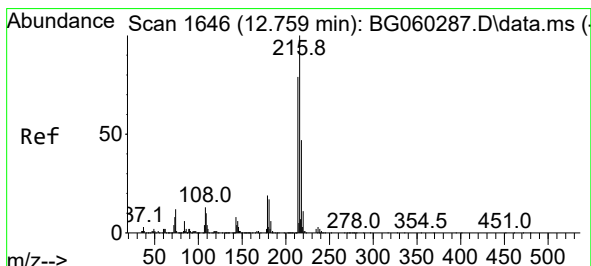
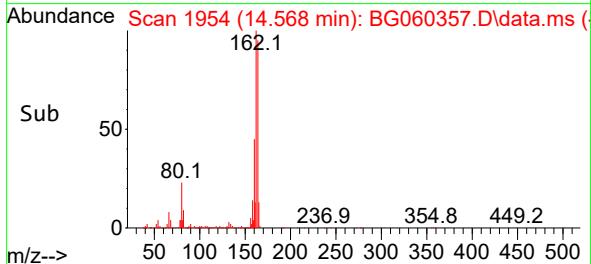
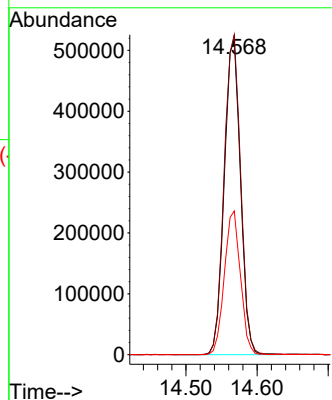
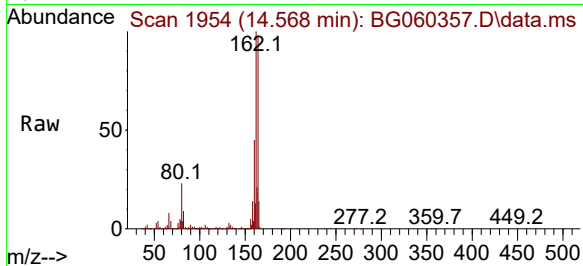




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

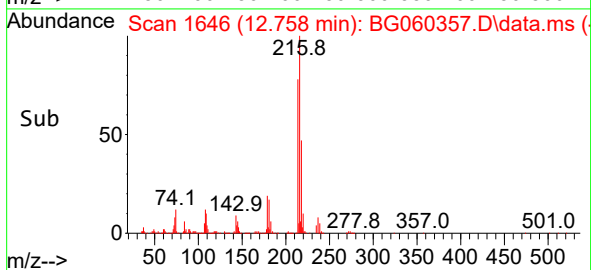
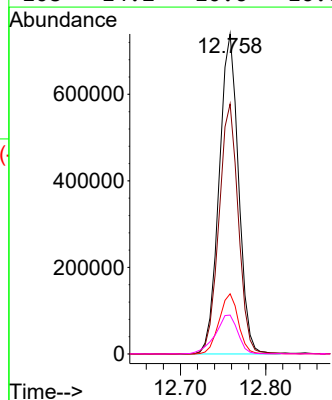
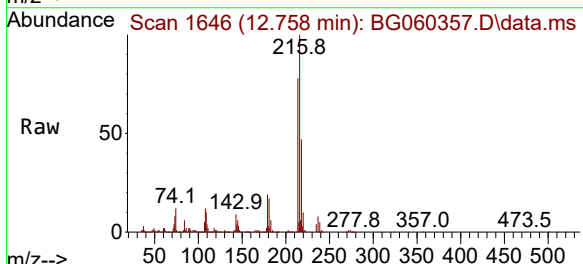
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

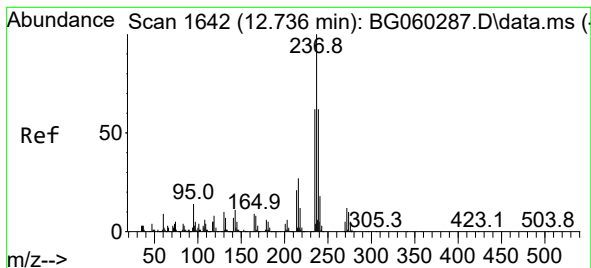
Tgt Ion:164 Resp: 817011
Ion Ratio Lower Upper
164 100
162 101.8 84.4 126.6
160 45.7 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.243 ng
RT: 12.758 min Scan# 1646
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:216 Resp: 1167715
Ion Ratio Lower Upper
216 100
214 78.1 62.6 93.8
179 18.8 14.8 22.2
108 14.2 10.6 16.0





#41

Hexachlorocyclopentadiene

Concen: 112.989 ng

RT: 12.735 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Instrument :

BNA_G

ClientSampleId :

TP-011724MSD

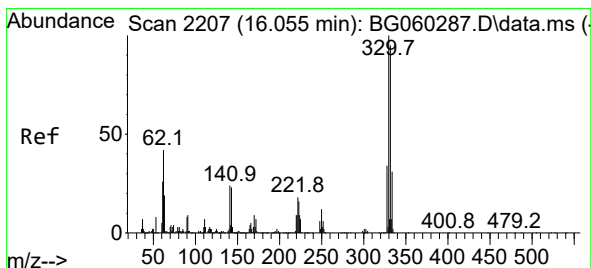
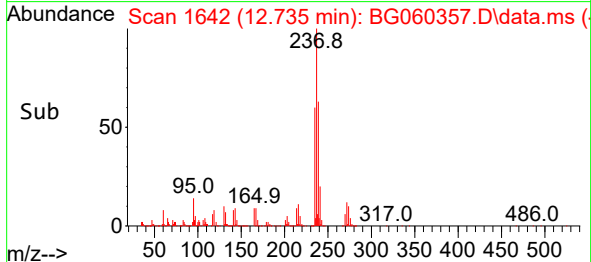
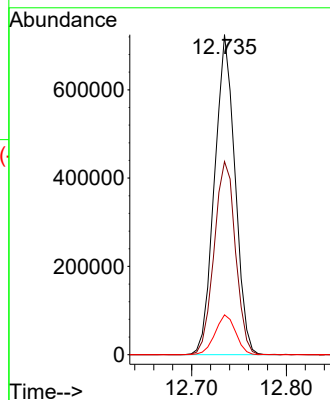
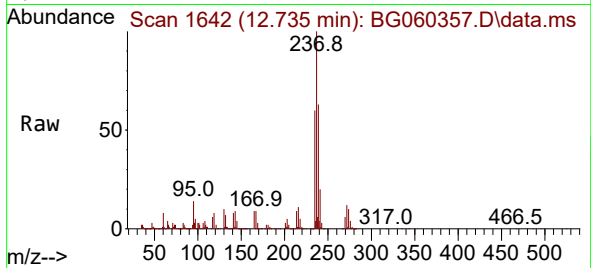
Tgt Ion:237 Resp: 1088497

Ion Ratio Lower Upper

237 100

235 60.3 41.6 81.6

272 12.4 0.0 31.8



#42

2,4,6-Tribromophenol

Concen: 96.092 ng

RT: 16.054 min Scan# 2207

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

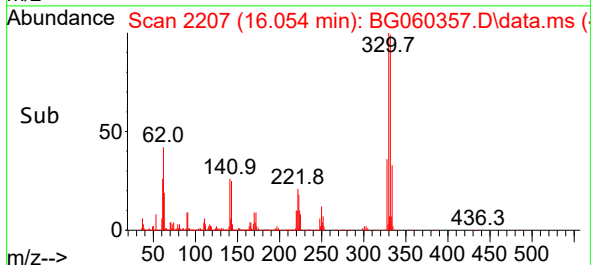
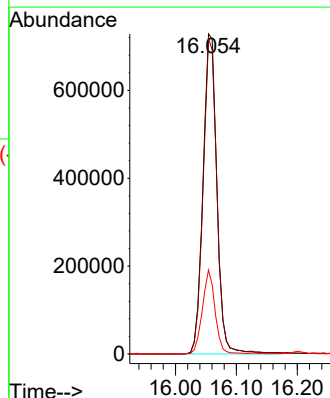
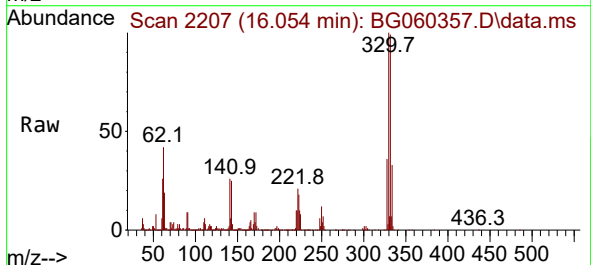
Tgt Ion:330 Resp: 1155087

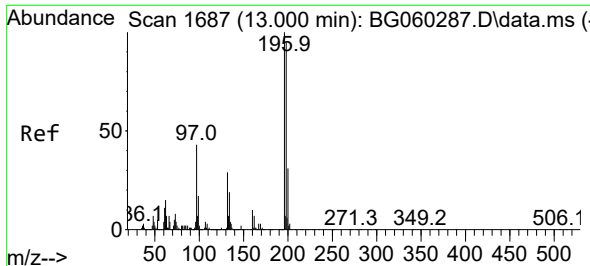
Ion Ratio Lower Upper

330 100

332 97.4 76.7 115.1

141 24.0 18.6 28.0

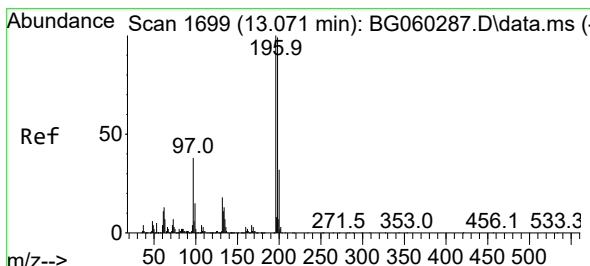
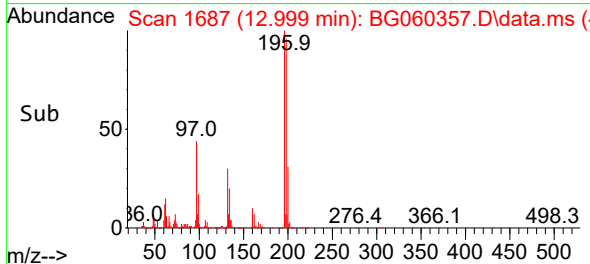
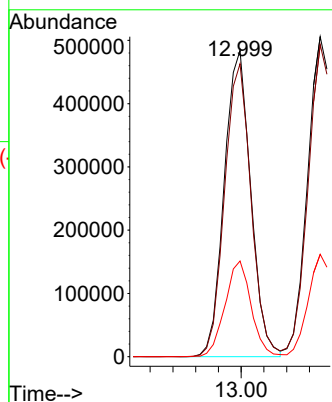
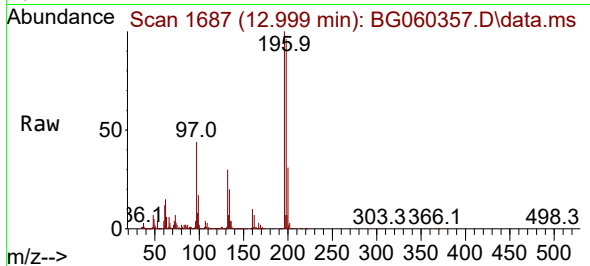




#43
2,4,6-Trichlorophenol
Concen: 42.481 ng
RT: 12.999 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

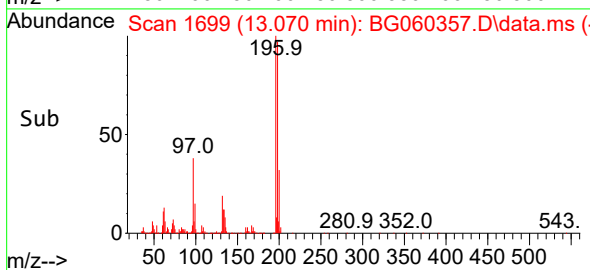
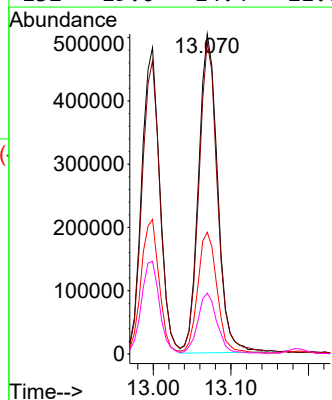
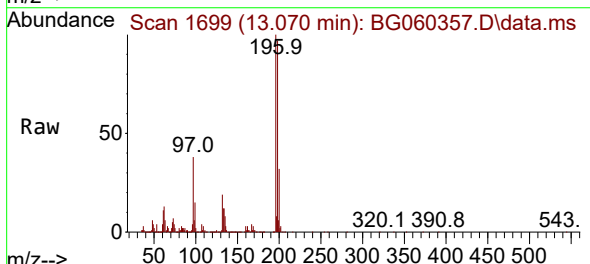
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

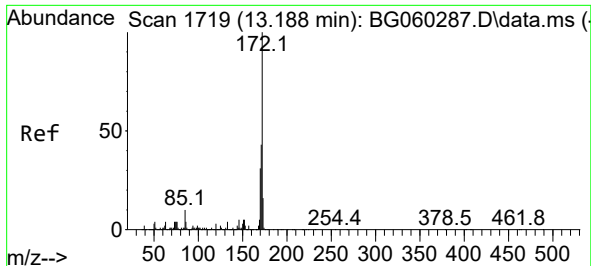
Tgt Ion:196 Resp: 784445
Ion Ratio Lower Upper
196 100
198 95.7 75.7 113.5
200 31.2 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 42.231 ng
RT: 13.070 min Scan# 1699
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:196 Resp: 860132
Ion Ratio Lower Upper
196 100
198 97.5 78.6 118.0
97 38.0 30.6 46.0
132 19.0 14.4 21.6

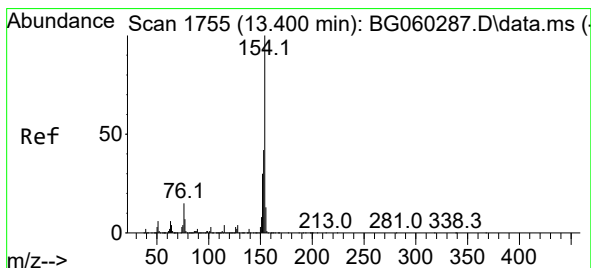
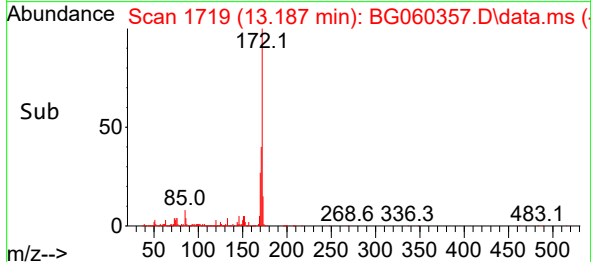
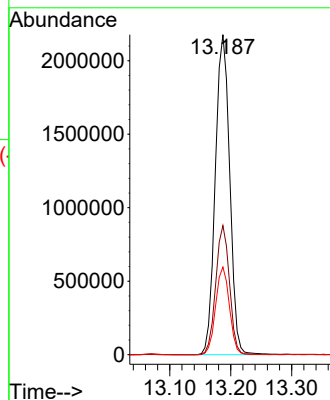
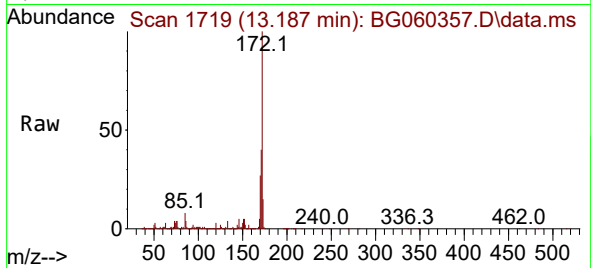




#45
2-Fluorobiphenyl
Concen: 61.076 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

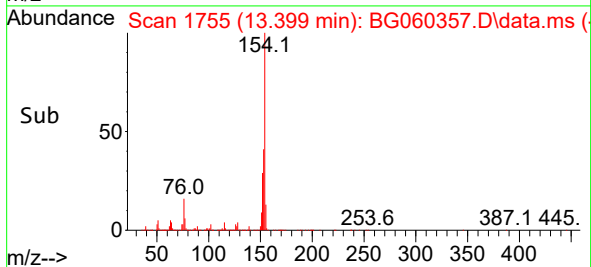
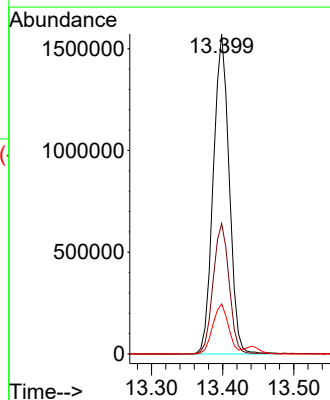
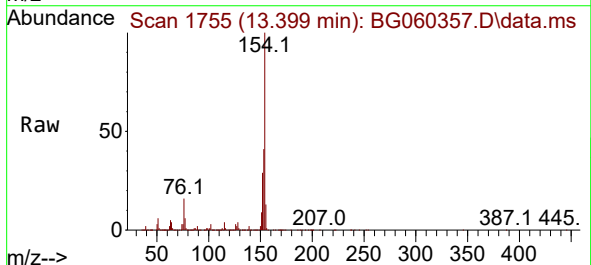
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

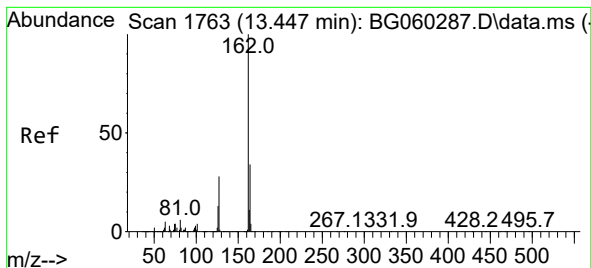
Tgt Ion:172 Resp: 3589080
Ion Ratio Lower Upper
172 100
171 40.4 34.6 51.8
170 27.4 24.4 36.6



#46
1,1'-Biphenyl
Concen: 39.647 ng
RT: 13.399 min Scan# 1755
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:154 Resp: 2445078
Ion Ratio Lower Upper
154 100
153 40.7 22.0 62.0
76 15.7 0.0 35.2





#47

2-Chloronaphthalene

Concen: 39.168 ng

RT: 13.440 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Instrument :

BNA_G

ClientSampleId :

TP-011724MSD

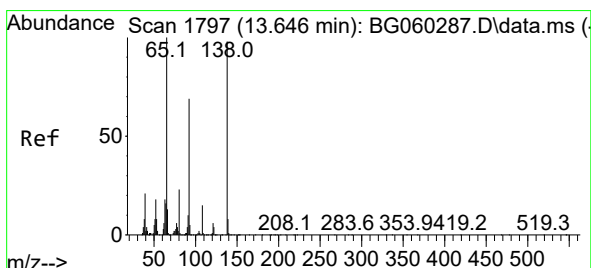
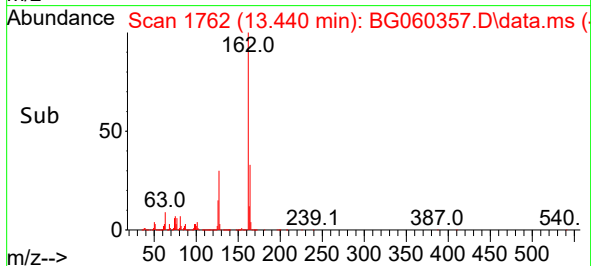
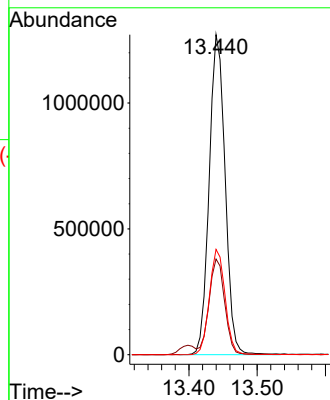
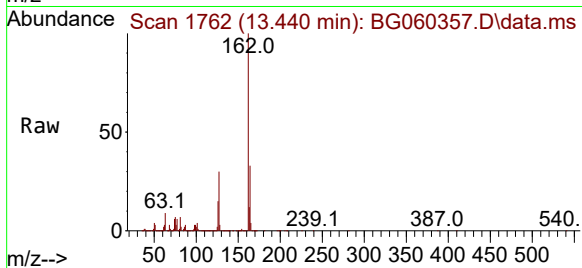
Tgt Ion:162 Resp: 2069358

Ion Ratio Lower Upper

162 100

127 29.9 23.5 35.3

164 32.9 26.9 40.3



#48

2-Nitroaniline

Concen: 45.512 ng

RT: 13.645 min Scan# 1797

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

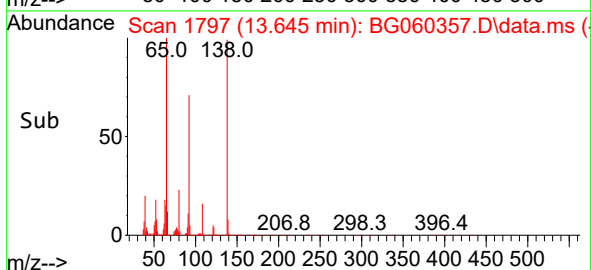
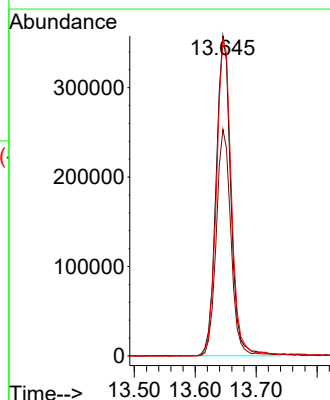
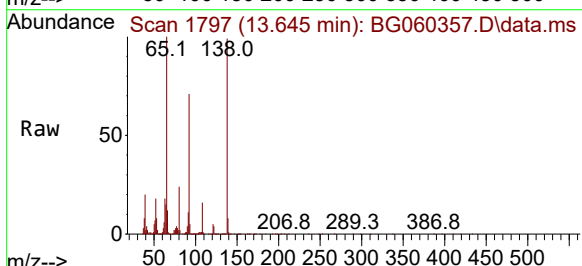
Tgt Ion: 65 Resp: 598824

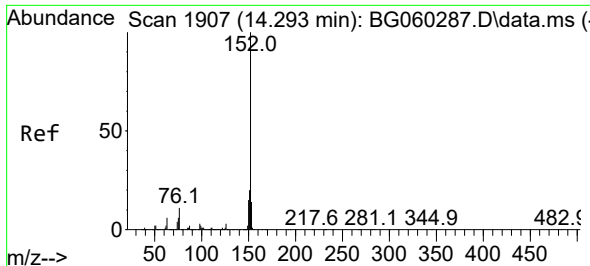
Ion Ratio Lower Upper

65 100

92 70.8 55.0 82.6

138 99.0 78.1 117.1

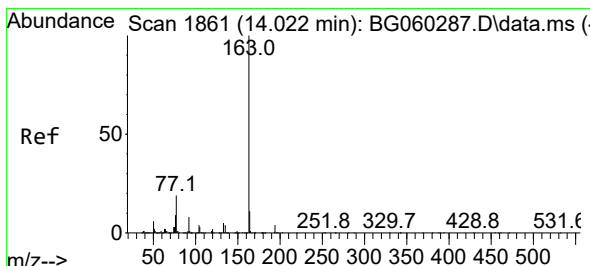
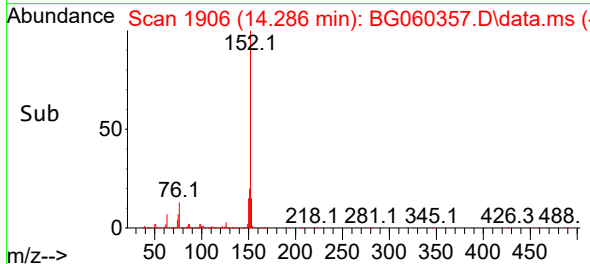
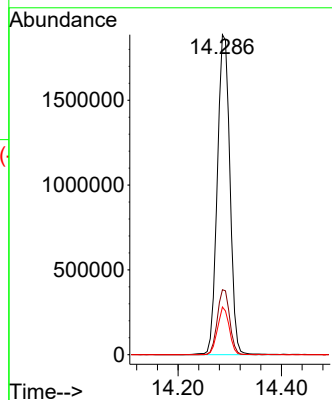
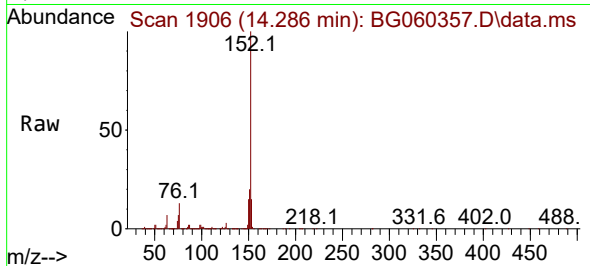




#49
Acenaphthylene
Concen: 43.724 ng
RT: 14.286 min Scan# 1906
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

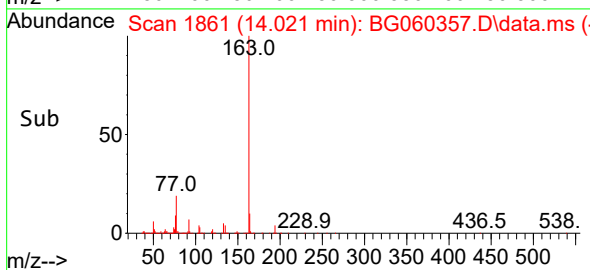
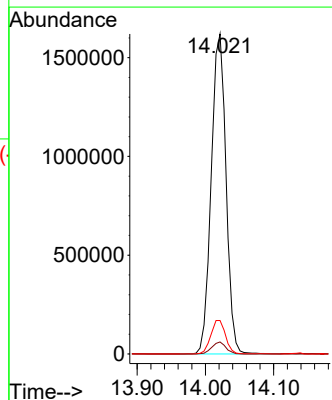
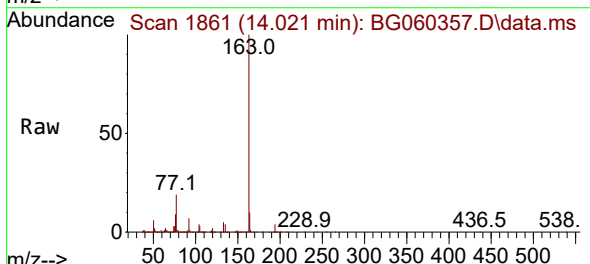
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

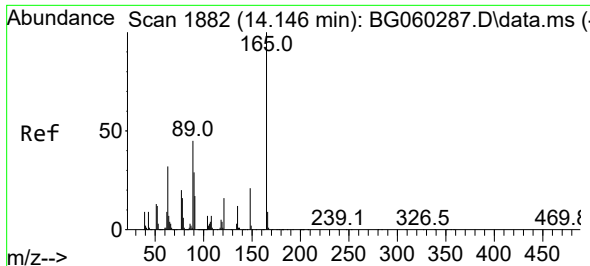
Tgt Ion:152 Resp: 3181104
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 14.9 11.5 17.3



#50
Dimethylphthalate
Concen: 39.179 ng
RT: 14.021 min Scan# 1861
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:163 Resp: 2446100
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.4 8.8 13.2

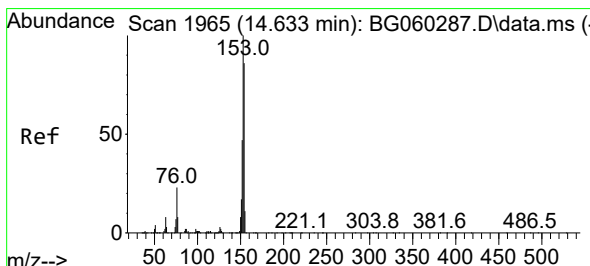
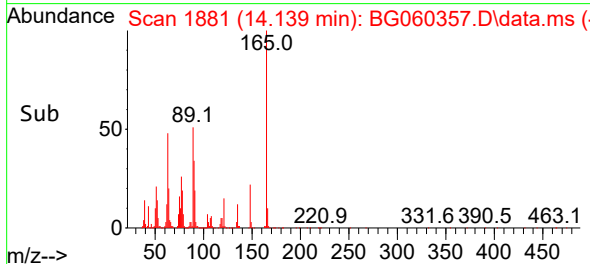
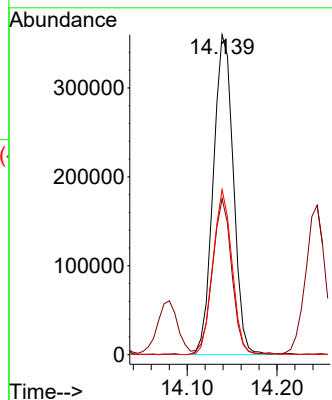
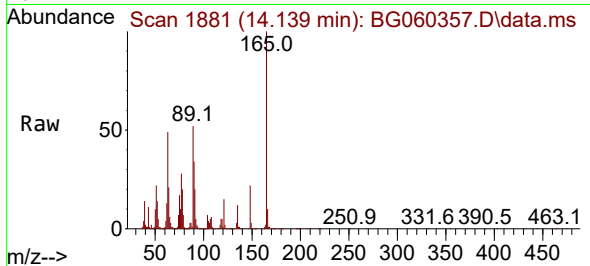




#51
2,6-Dinitrotoluene
Concen: 41.878 ng
RT: 14.139 min Scan# 1881
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

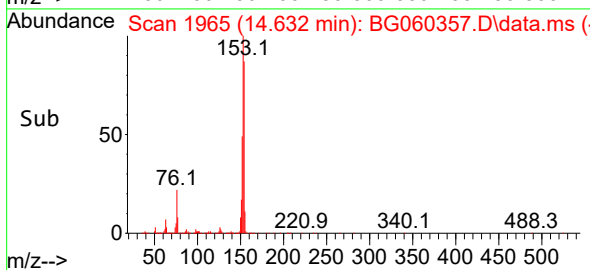
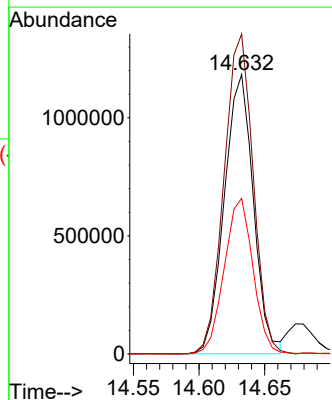
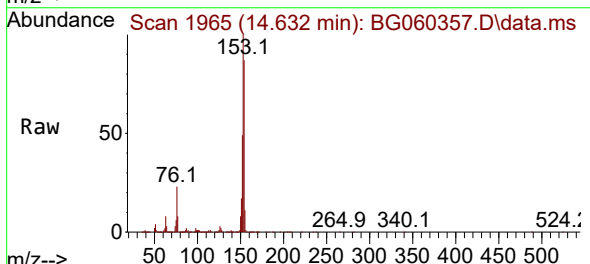
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

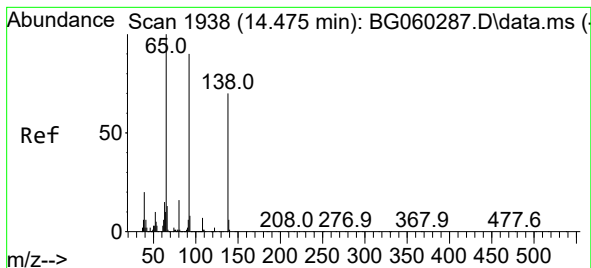
Tgt Ion:165 Resp: 557907
Ion Ratio Lower Upper
165 100
63 48.7 35.0 52.4
89 51.5 36.2 54.2



#52
Acenaphthene
Concen: 40.264 ng
RT: 14.632 min Scan# 1965
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:154 Resp: 1824046
Ion Ratio Lower Upper
154 100
153 114.5 92.6 138.8
152 55.7 43.8 65.8

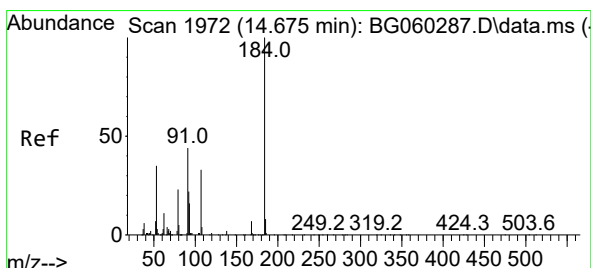
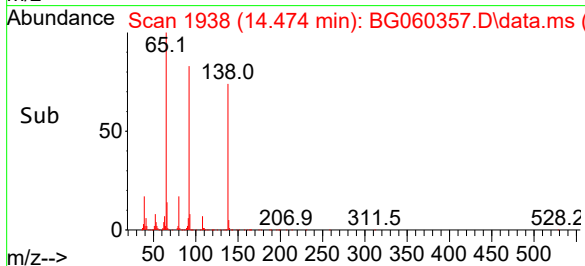
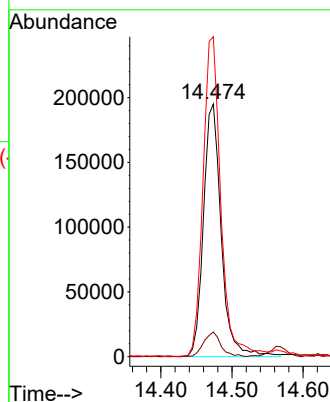
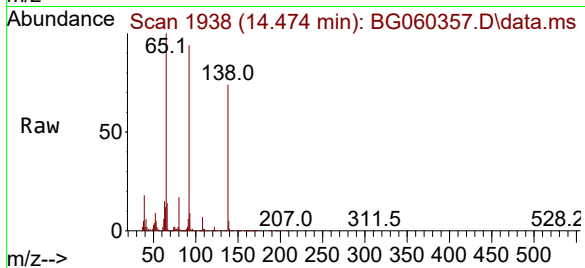




#53
3-Nitroaniline
Concen: 27.981 ng
RT: 14.474 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

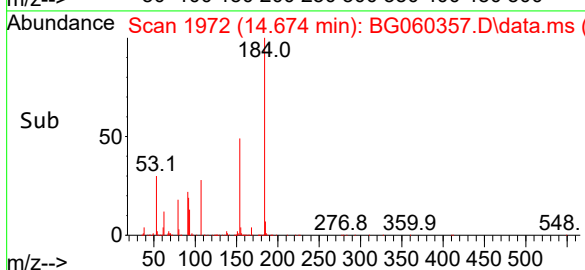
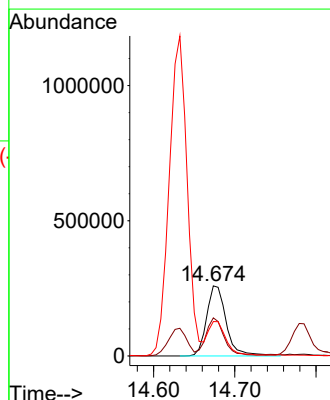
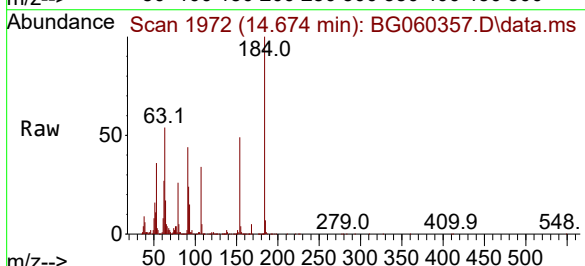
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

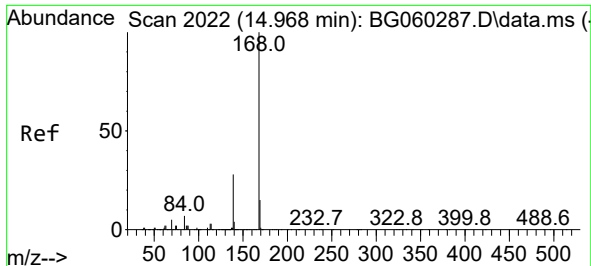
Tgt Ion:138 Resp: 339675
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.8
92 126.6 102.4 153.6



#54
2,4-Dinitrophenol
Concen: 56.891 ng
RT: 14.674 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:184 Resp: 437092
Ion Ratio Lower Upper
184 100
63 54.3 41.0 61.4
154 49.0 39.2 58.8

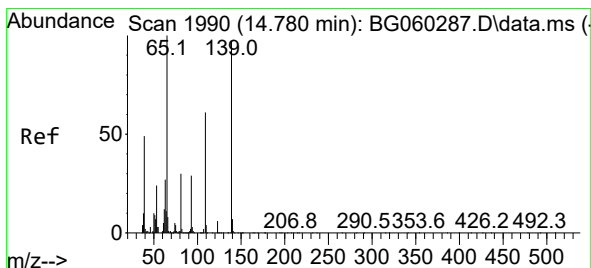
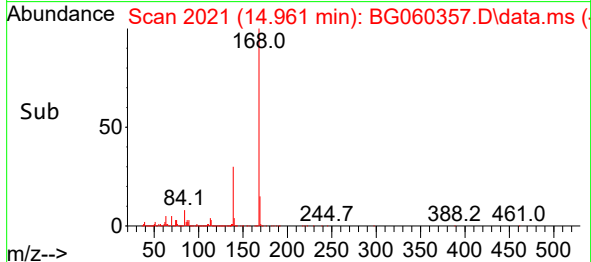
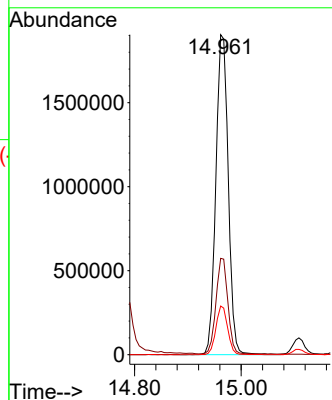
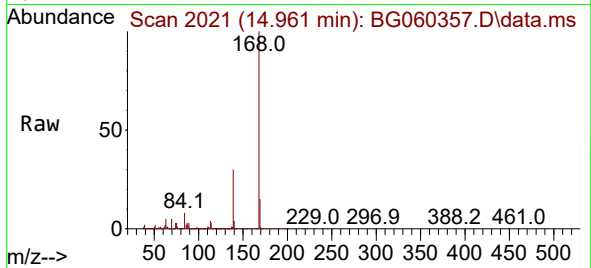




#55
Dibenzofuran
Concen: 40.703 ng
RT: 14.961 min Scan# 20
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

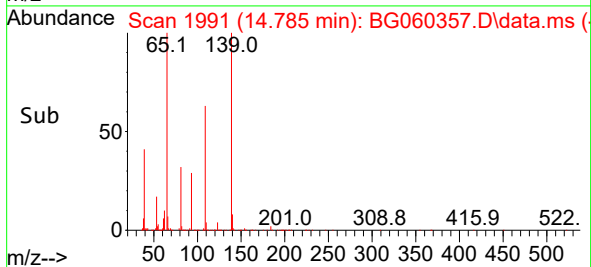
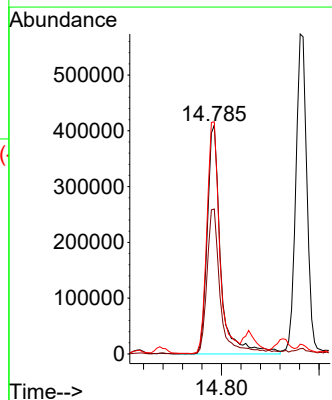
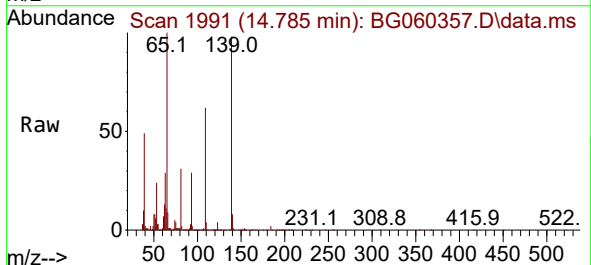
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

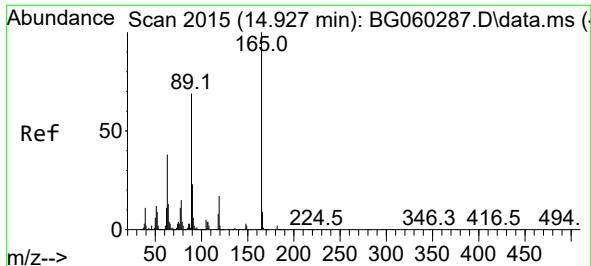
Tgt Ion:168 Resp: 3078197
Ion Ratio Lower Upper
168 100
139 30.1 22.6 34.0
169 15.2 12.1 18.1



#56
4-Nitrophenol
Concen: 86.660 ng
RT: 14.785 min Scan# 1991
Delta R.T. 0.005 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:139 Resp: 780300
Ion Ratio Lower Upper
139 100
109 63.4 42.2 82.2
65 101.5 83.3 123.3

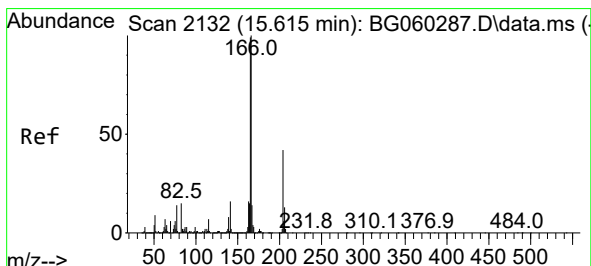
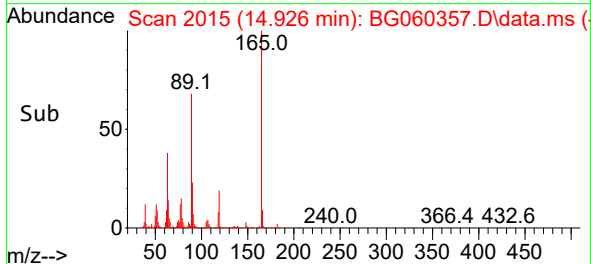
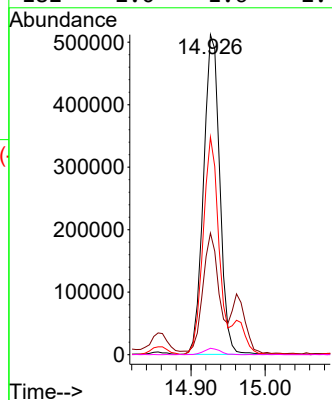
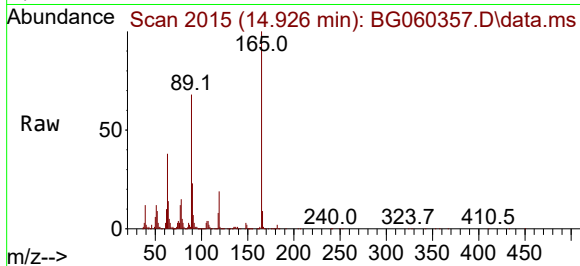




#57
2,4-Dinitrotoluene
Concen: 42.640 ng
RT: 14.926 min Scan# 2015
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

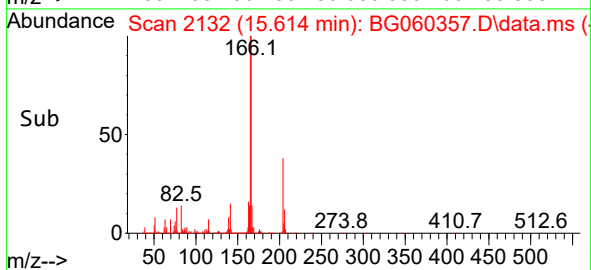
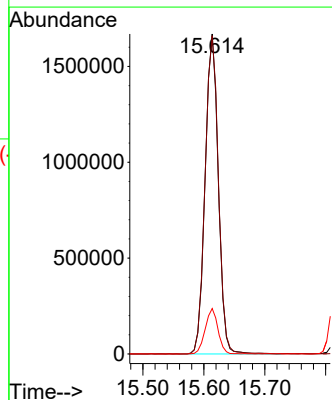
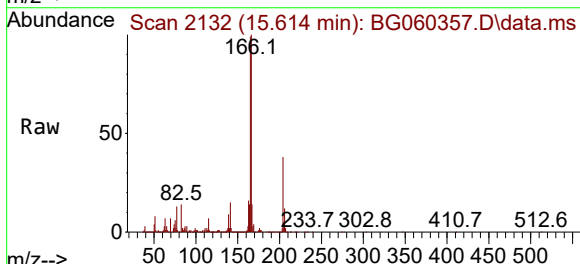
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

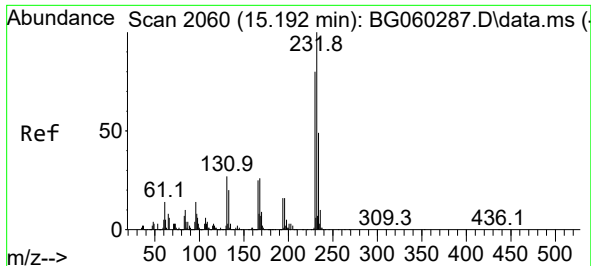
Tgt Ion:165 Resp: 778981
Ion Ratio Lower Upper
165 100
63 38.0 30.4 45.6
89 68.0 55.4 83.0
182 2.0 1.6 2.4



#58
Fluorene
Concen: 39.983 ng
RT: 15.614 min Scan# 2132
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:166 Resp: 2504022
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 14.2 11.4 17.0

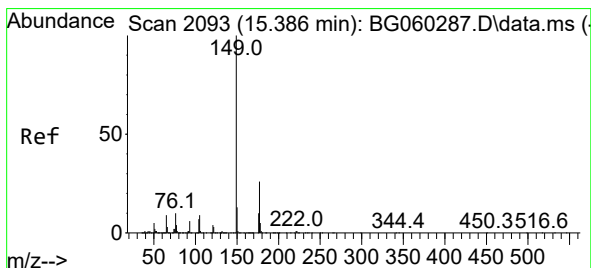
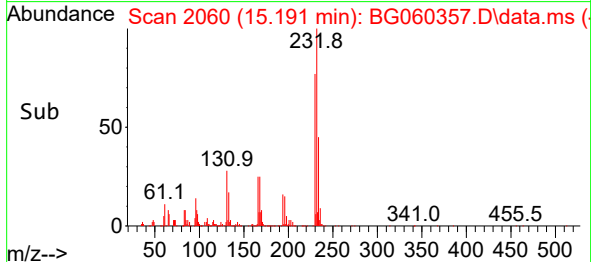
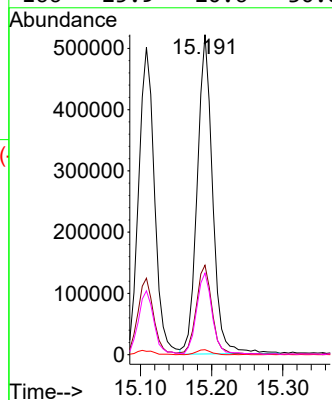
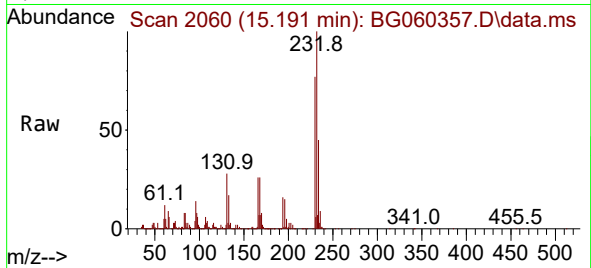




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.414 ng
RT: 15.191 min Scan# 2060
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

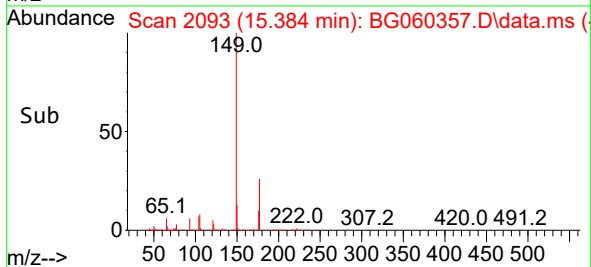
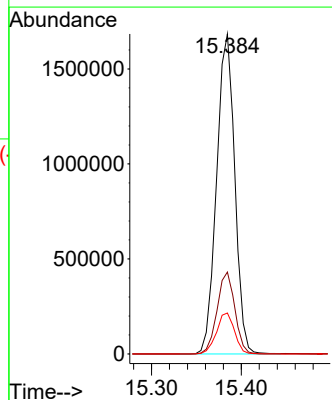
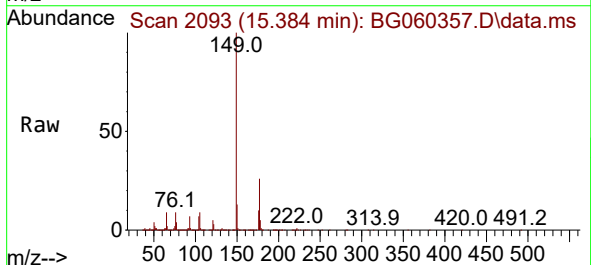
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

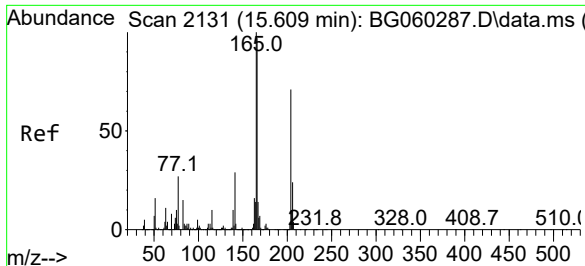
Tgt Ion:232 Resp: 785447
Ion Ratio Lower Upper
232 100
131 28.1 22.7 34.1
130 1.5 1.1 1.7
166 25.9 20.6 30.8



#60
Diethylphthalate
Concen: 39.450 ng
RT: 15.384 min Scan# 2093
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:149 Resp: 2364615
Ion Ratio Lower Upper
149 100
177 25.6 20.9 31.3
150 12.8 10.2 15.2

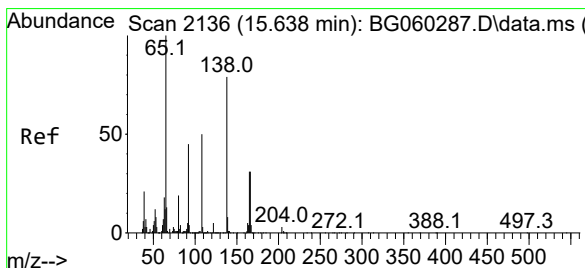
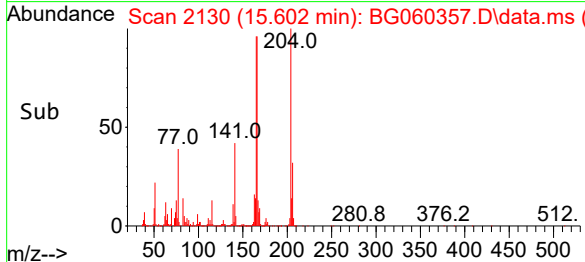
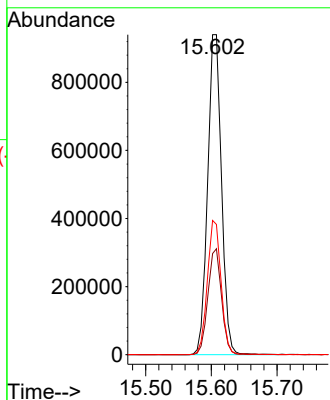
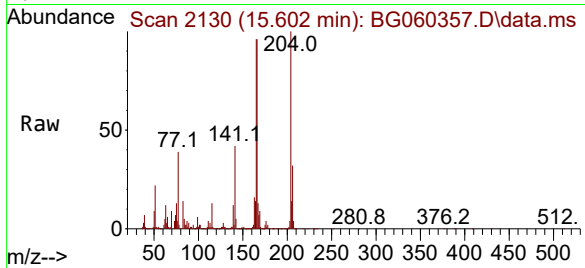




#61
4-Chlorophenyl-phenylether
Concen: 39.995 ng
RT: 15.602 min Scan# 2130
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

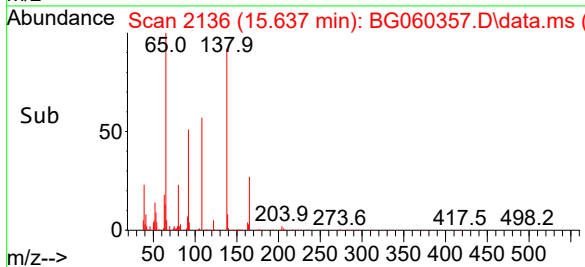
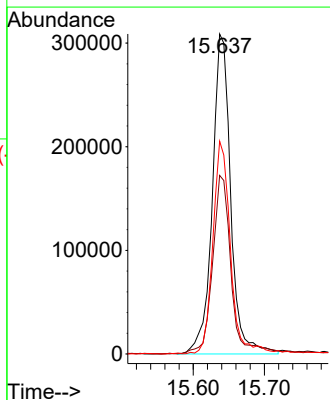
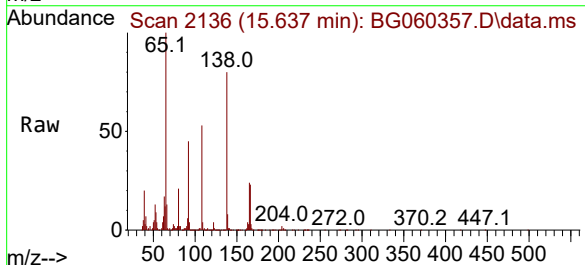
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

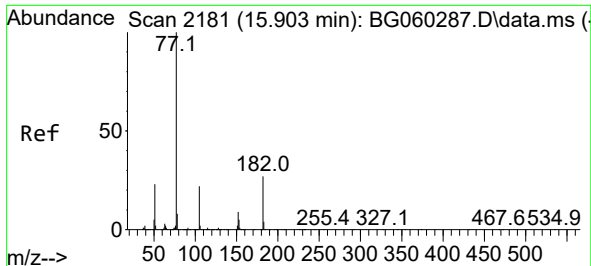
Tgt Ion:204 Resp: 1379825
Ion Ratio Lower Upper
204 100
206 31.6 27.1 40.7
141 42.0 32.2 48.2



#62
4-Nitroaniline
Concen: 42.819 ng
RT: 15.637 min Scan# 2136
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:138 Resp: 553215
Ion Ratio Lower Upper
138 100
92 55.8 37.0 77.0
108 66.5 43.1 83.1



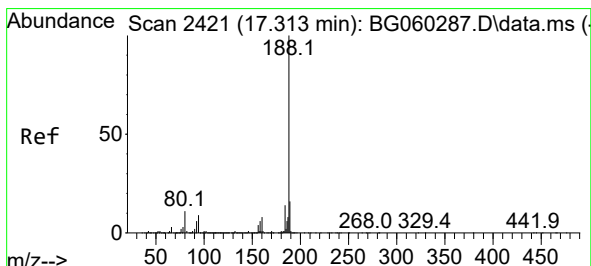
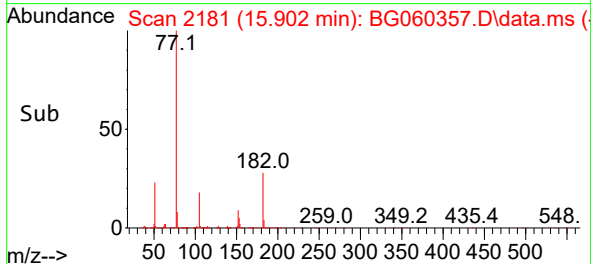
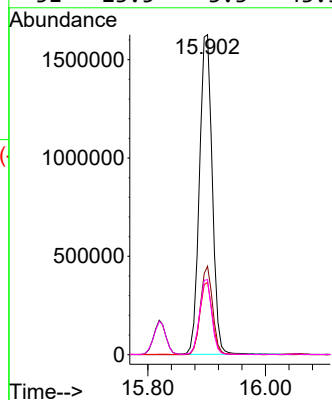
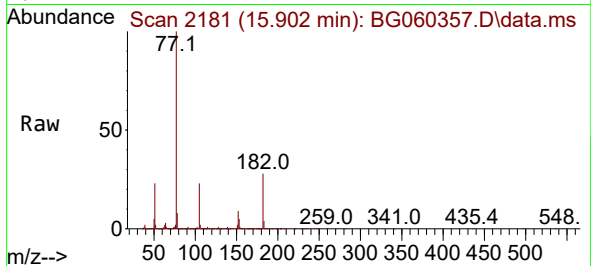


#63
Azobenzene
Concen: 40.540 ng
RT: 15.902 min Scan# 2181
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

Tgt Ion: 77 Resp: 2457719

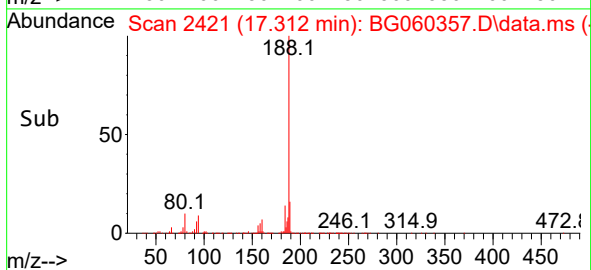
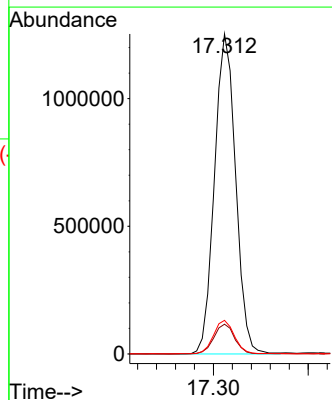
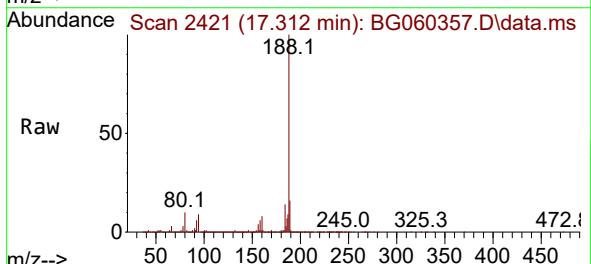
Ion	Ratio	Lower	Upper
77	100		
182	27.7	6.5	46.5
105	22.7	1.8	41.8
51	23.5	3.3	43.3

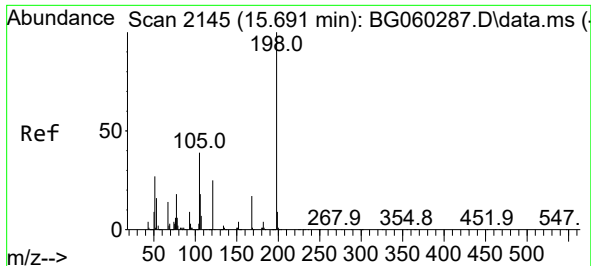


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion: 188 Resp: 1944066

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	10.5	8.5	12.7

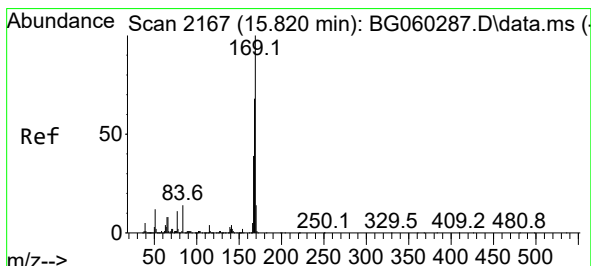
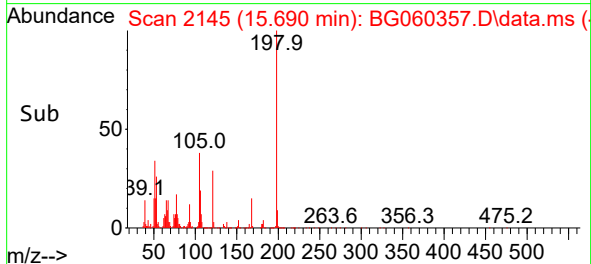
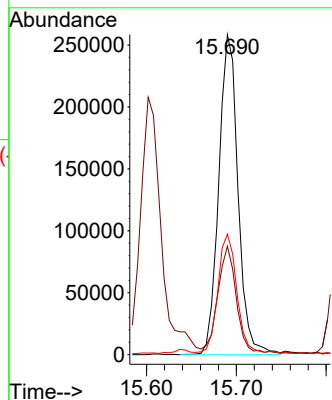
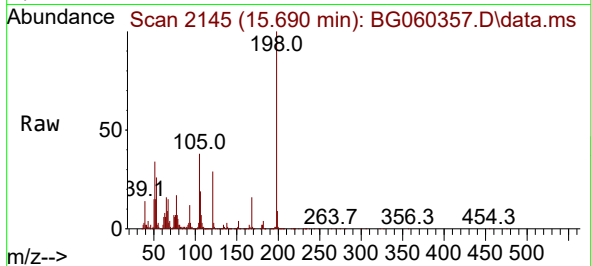




#65
4,6-Dinitro-2-methylphenol
Concen: 35.790 ng
RT: 15.690 min Scan# 2145
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

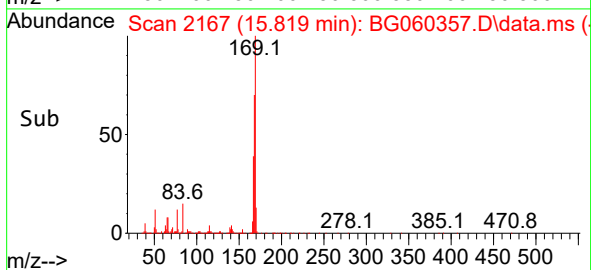
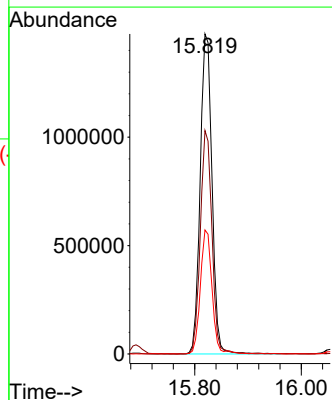
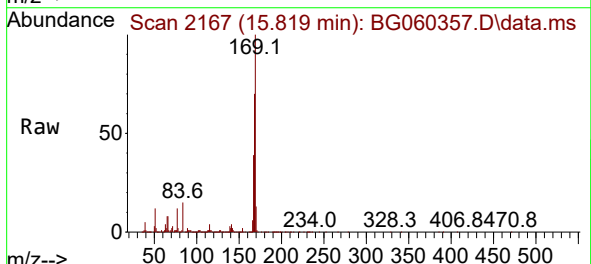
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

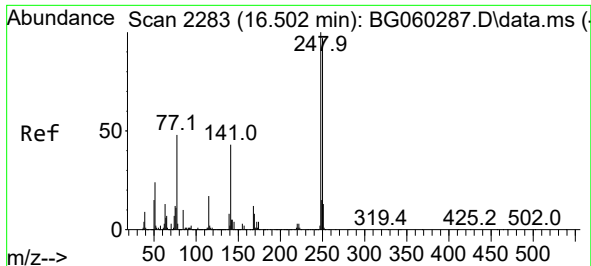
Tgt Ion:198 Resp: 384915
Ion Ratio Lower Upper
198 100
51 33.9 11.8 51.8
105 37.7 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 43.917 ng
RT: 15.819 min Scan# 2167
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:169 Resp: 2266979
Ion Ratio Lower Upper
169 100
168 69.8 54.4 81.6
167 38.8 31.2 46.8

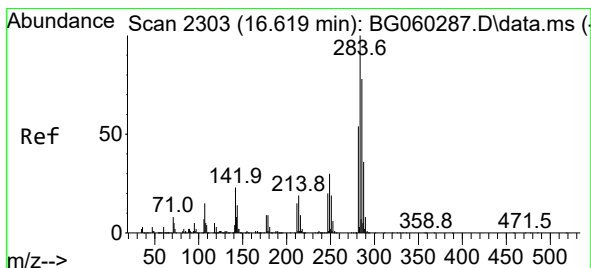
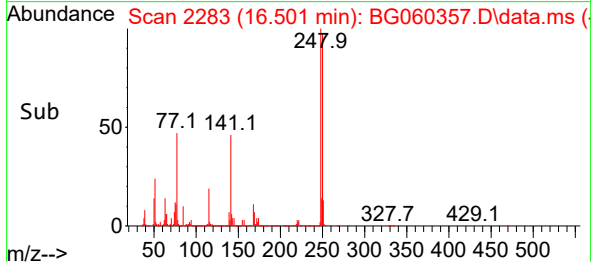
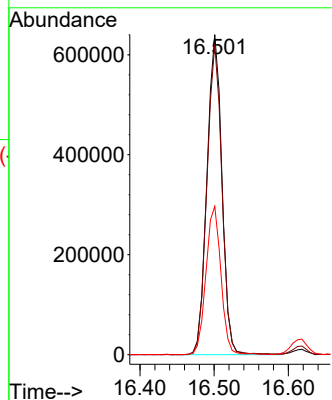
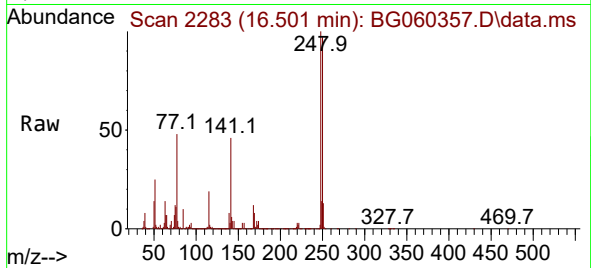




#67
4-Bromophenyl-phenylether
Concen: 42.209 ng
RT: 16.501 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

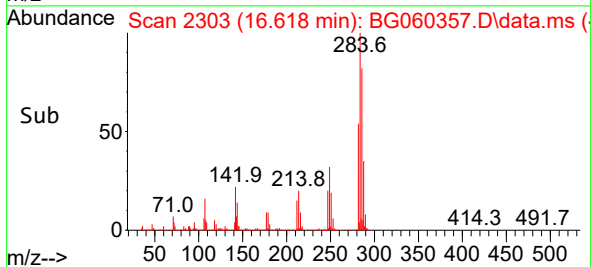
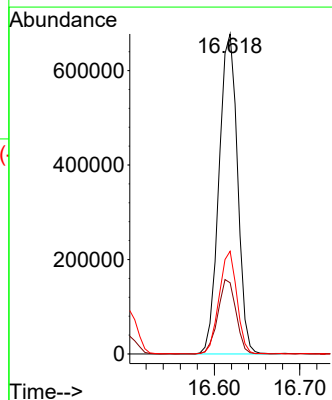
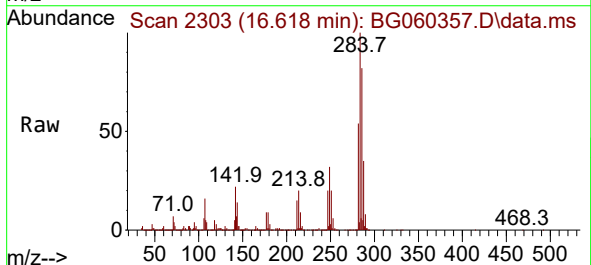
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

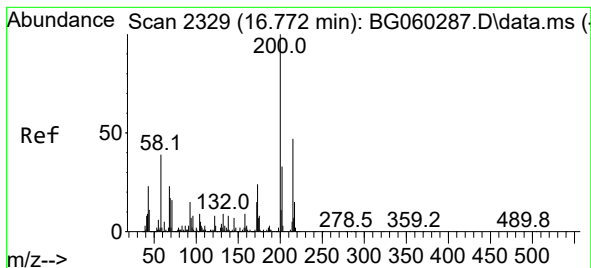
Tgt Ion:248 Resp: 901634
Ion Ratio Lower Upper
248 100
250 96.8 77.6 116.4
141 46.4 34.2 51.4



#68
Hexachlorobenzene
Concen: 40.476 ng
RT: 16.618 min Scan# 2303
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:284 Resp: 1023454
Ion Ratio Lower Upper
284 100
142 22.3 18.2 27.4
249 32.1 24.3 36.5





#69

Atrazine

Concen: 44.396 ng

RT: 16.771 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Instrument :

BNA_G

ClientSampleId :

TP-011724MSD

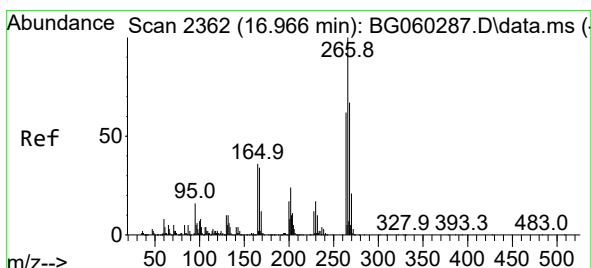
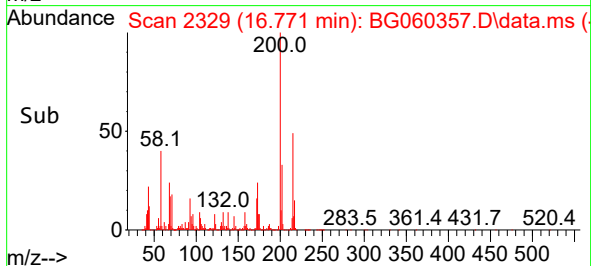
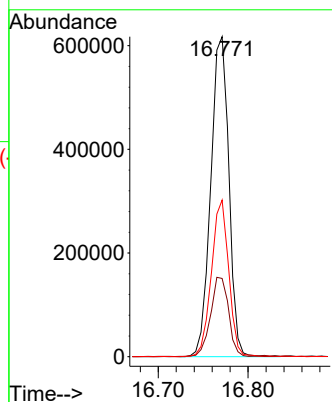
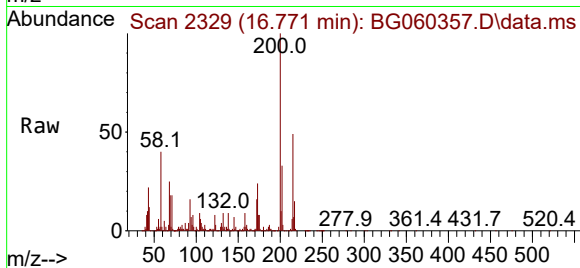
Tgt Ion:200 Resp: 864146

Ion Ratio Lower Upper

200 100

173 24.5 4.1 44.1

215 48.9 27.4 67.4



#70

Pentachlorophenol

Concen: 81.292 ng

RT: 16.965 min Scan# 2362

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

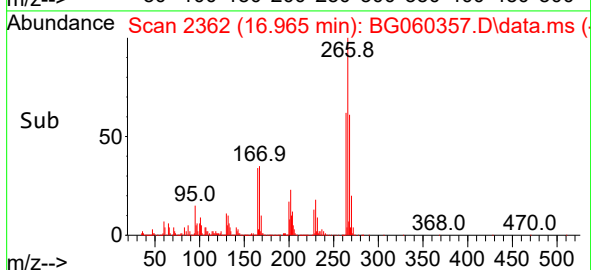
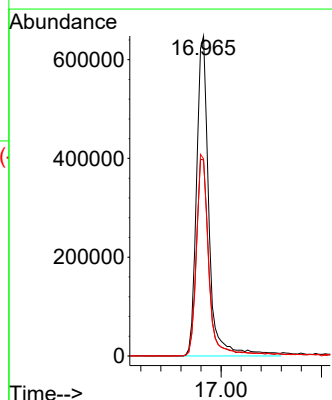
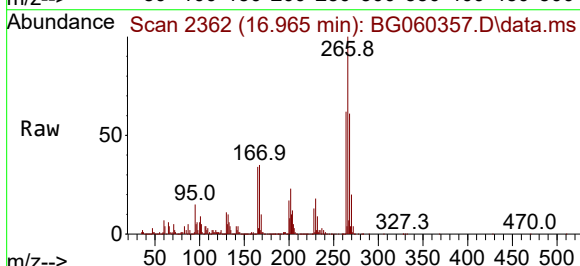
Tgt Ion:266 Resp: 1107968

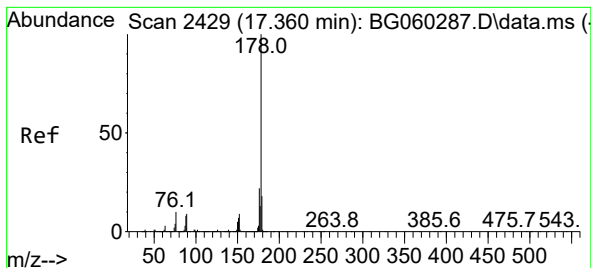
Ion Ratio Lower Upper

266 100

268 61.3 57.4 86.2

264 61.6 49.8 74.8





#71

Phenanthrene

Concen: 41.446 ng

RT: 17.353 min Scan# 2428

Delta R.T. -0.007 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Instrument :

BNA_G

ClientSampleId :

TP-011724MSD

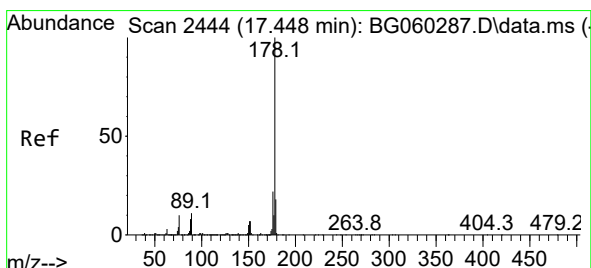
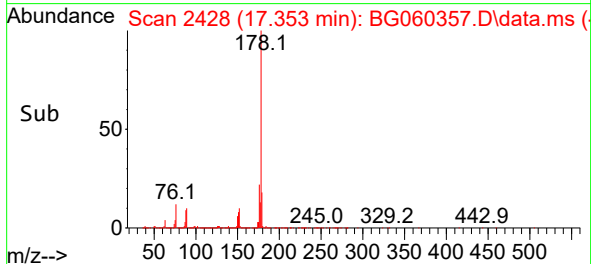
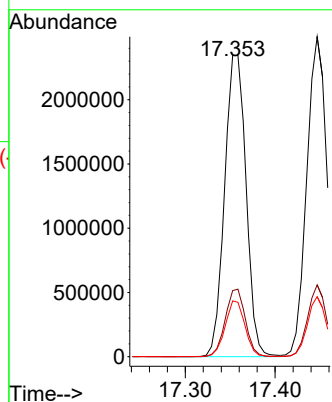
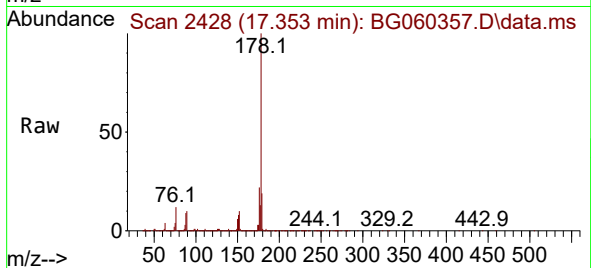
Tgt Ion:178 Resp: 3894547

Ion Ratio Lower Upper

178 100

176 21.9 17.4 26.2

179 18.5 14.7 22.1



#72

Anthracene

Concen: 41.983 ng

RT: 17.447 min Scan# 2444

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

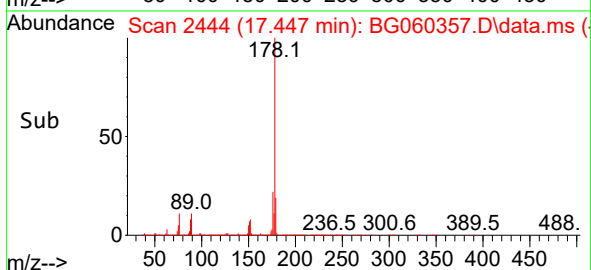
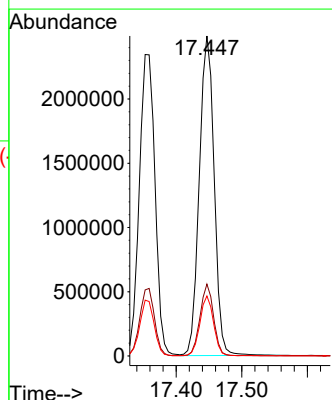
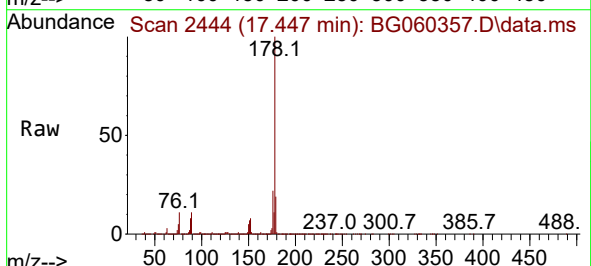
Tgt Ion:178 Resp: 3938692

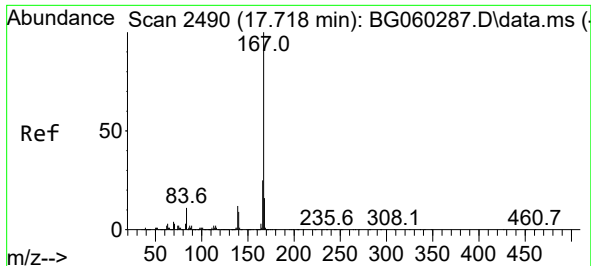
Ion Ratio Lower Upper

178 100

176 22.4 17.8 26.6

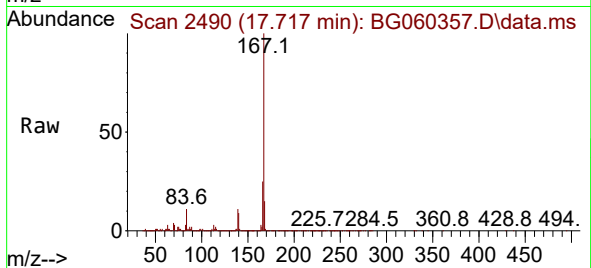
179 18.7 14.1 21.1





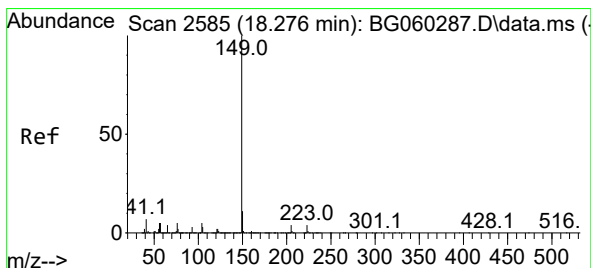
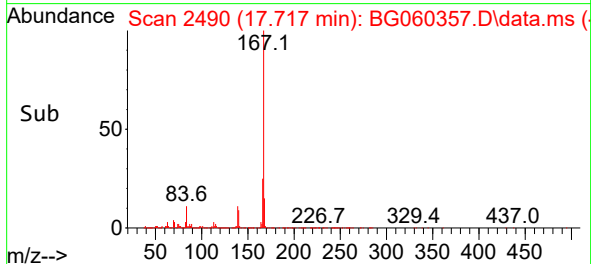
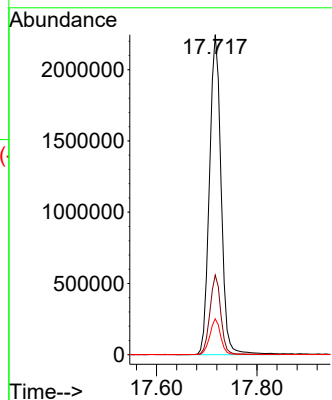
#73
 Carbazole
 Concen: 40.941 ng
 RT: 17.717 min Scan# 2490
 Delta R.T. -0.001 min
 Lab File: BG060357.D
 Acq: 18 Jan 2024 18:11

Instrument :
 BNA_G
 ClientSampleId :
 TP-011724MSD



Tgt Ion:167 Resp: 3621021

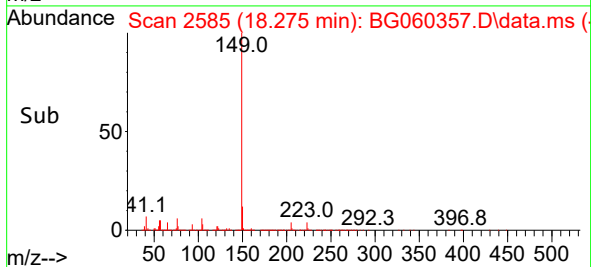
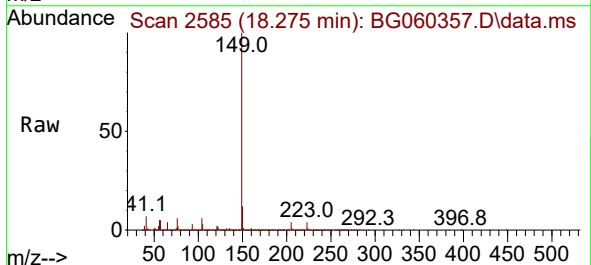
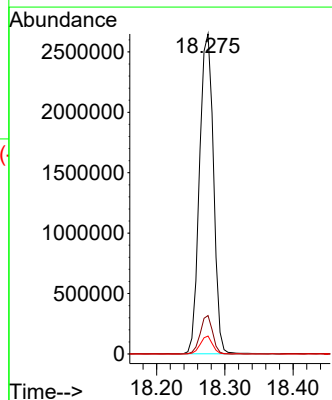
Ion	Ratio	Lower	Upper
167	100		
166	24.9	19.8	29.8
139	11.2	9.3	13.9

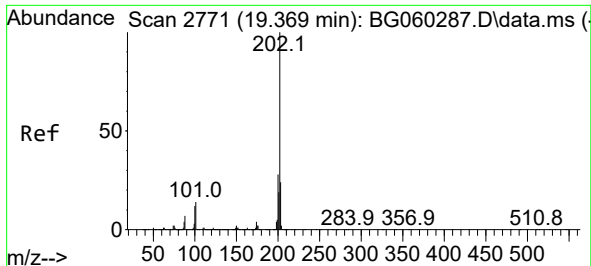


#74
 Di-n-butylphthalate
 Concen: 41.315 ng
 RT: 18.275 min Scan# 2585
 Delta R.T. -0.001 min
 Lab File: BG060357.D
 Acq: 18 Jan 2024 18:11

Tgt Ion:149 Resp: 3759845

Ion	Ratio	Lower	Upper
149	100		
150	12.0	9.1	13.7
104	5.6	4.3	6.5

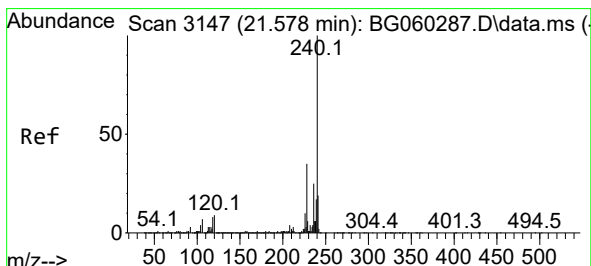
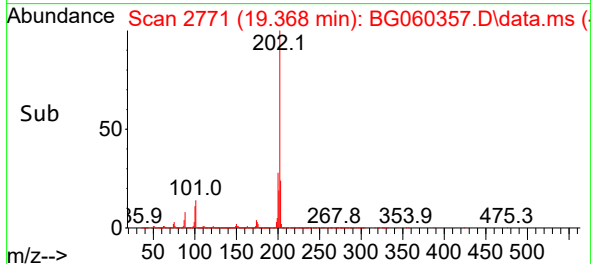
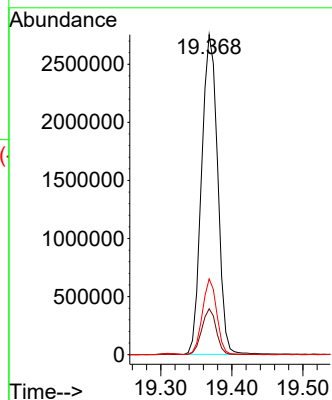
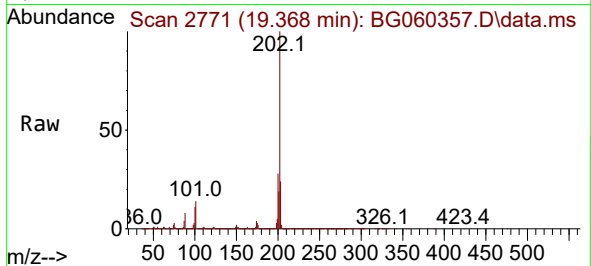




#75
Fluoranthene
Concen: 38.366 ng
RT: 19.368 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

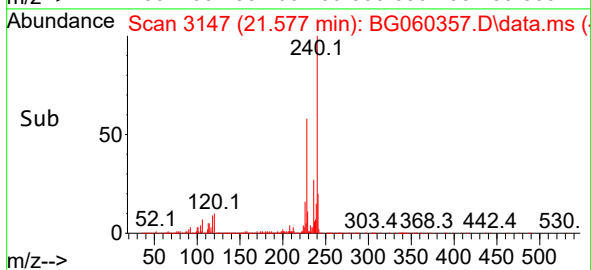
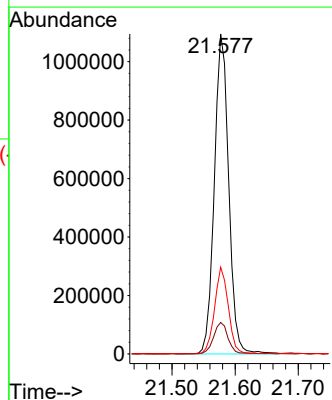
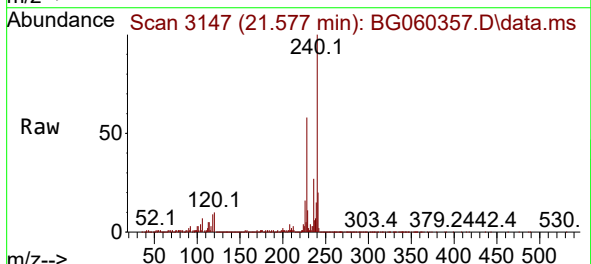
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

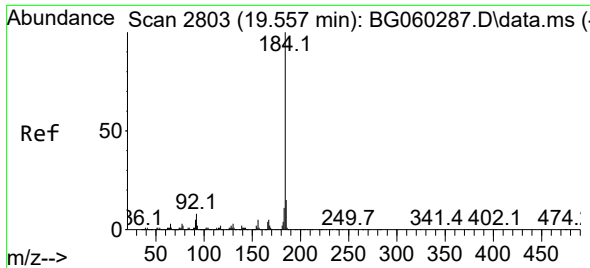
Tgt Ion:202 Resp: 4330127
Ion Ratio Lower Upper
202 100
101 14.3 0.0 34.4
203 23.7 4.0 44.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:240 Resp: 1726740
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 27.1 20.3 30.5

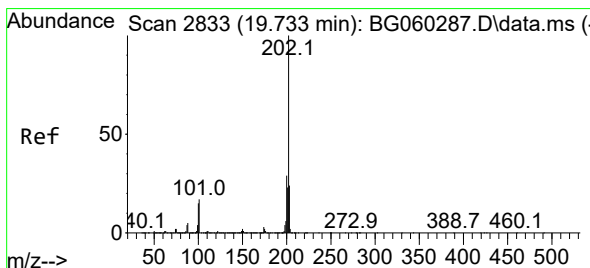
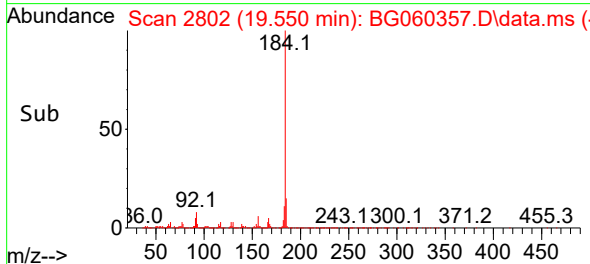
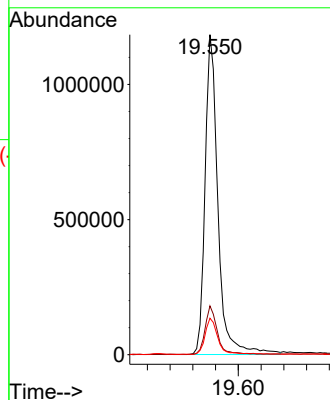
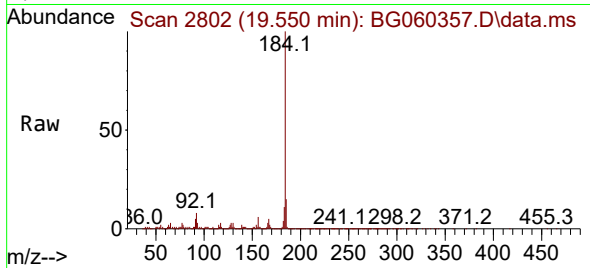




#77
Benzidine
Concen: 49.425 ng
RT: 19.550 min Scan# 2802
Delta R.T. -0.007 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

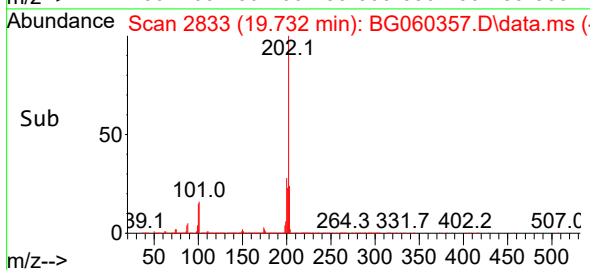
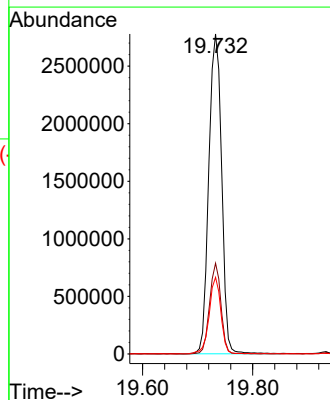
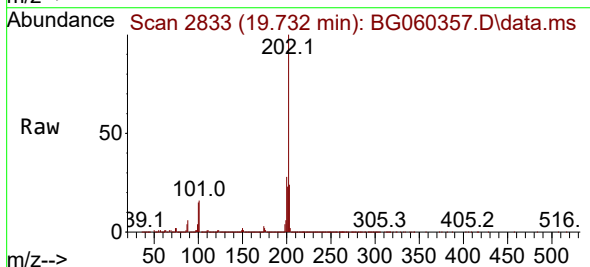
Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

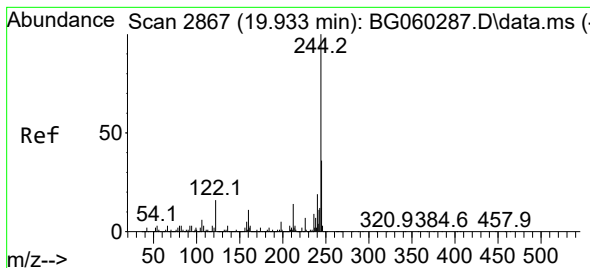
Tgt Ion:184 Resp: 1854100
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.4
183 11.4 9.0 13.4



#78
Pyrene
Concen: 40.712 ng
RT: 19.732 min Scan# 2833
Delta R.T. -0.001 min
Lab File: BG060357.D
Acq: 18 Jan 2024 18:11

Tgt Ion:202 Resp: 4489229
Ion Ratio Lower Upper
202 100
200 28.4 23.5 35.3
203 23.9 19.6 29.4





#79

Terphenyl-d14

Concen: 66.629 ng

RT: 19.932 min Scan# 2867

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Instrument :

BNA_G

ClientSampleId :

TP-011724MSD

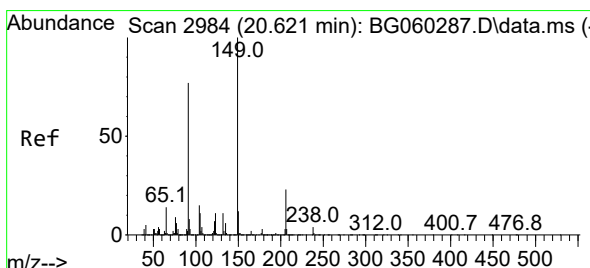
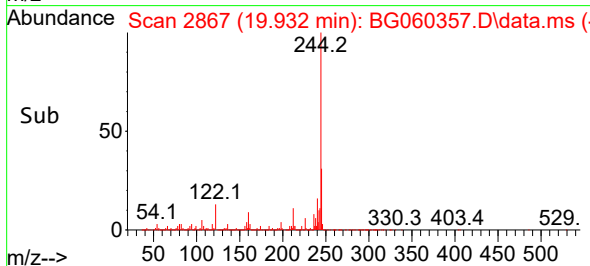
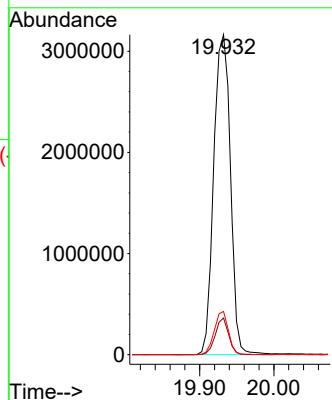
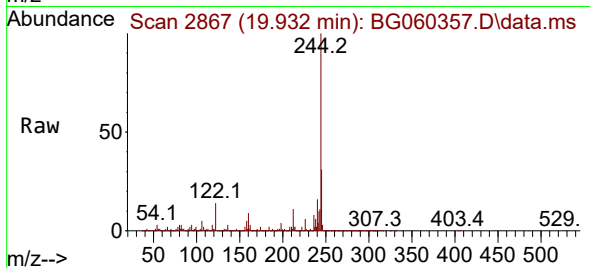
Tgt Ion:244 Resp: 4948301

Ion Ratio Lower Upper

244 100

212 11.5 10.9 16.3

122 13.5 12.6 18.8



#80

Butylbenzylphthalate

Concen: 47.541 ng

RT: 20.619 min Scan# 2984

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

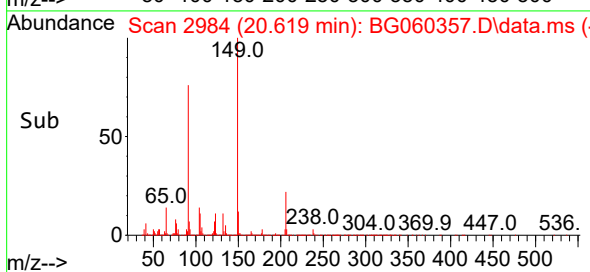
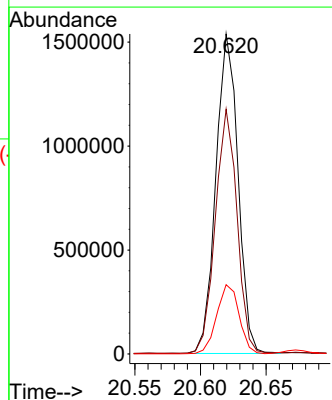
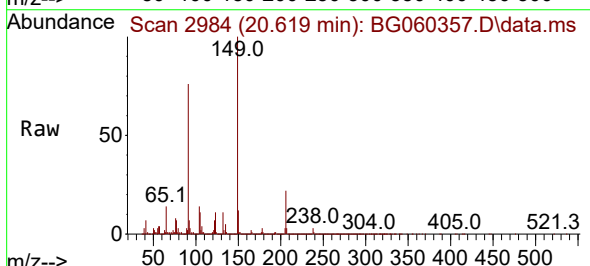
Tgt Ion:149 Resp: 1803581

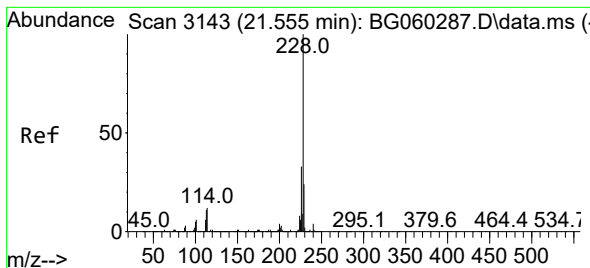
Ion Ratio Lower Upper

149 100

91 76.5 61.4 92.2

206 21.7 18.0 27.0





#81

Benzo(a)anthracene

Concen: 42.317 ng

RT: 21.560 min Scan# 3144

Delta R.T. 0.005 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Instrument :

BNA_G

ClientSampleId :

TP-011724MSD

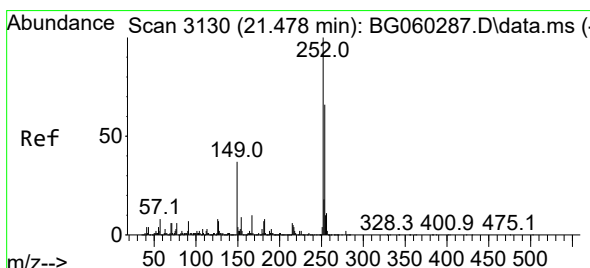
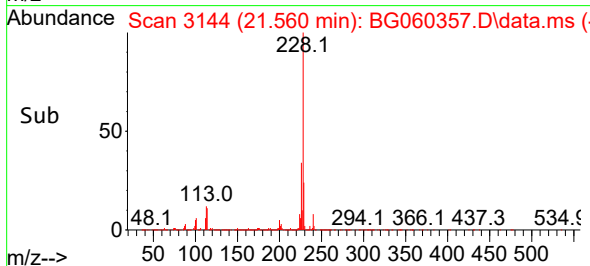
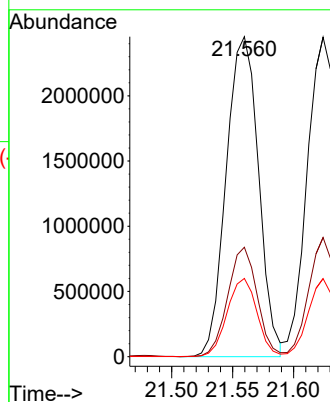
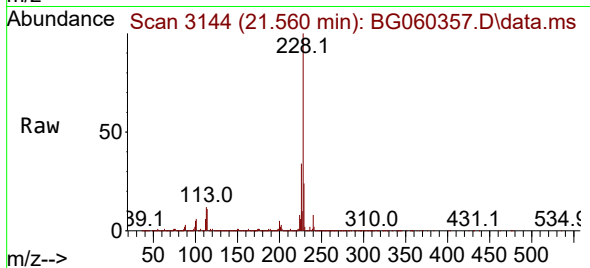
Tgt Ion:228 Resp: 4523591

Ion Ratio Lower Upper

228 100

226 34.2 26.2 39.2

229 24.5 19.4 29.2



#82

3,3'-Dichlorobenzidine

Concen: 23.787 ng

RT: 21.477 min Scan# 3130

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

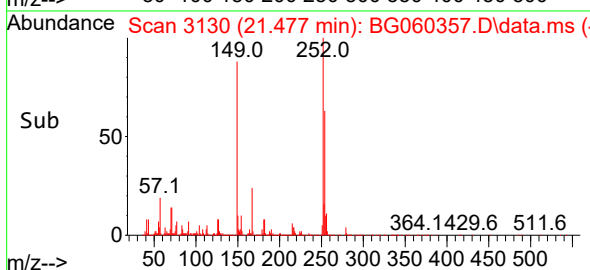
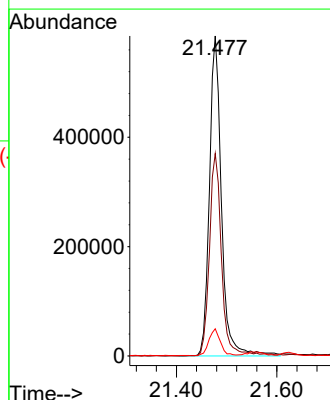
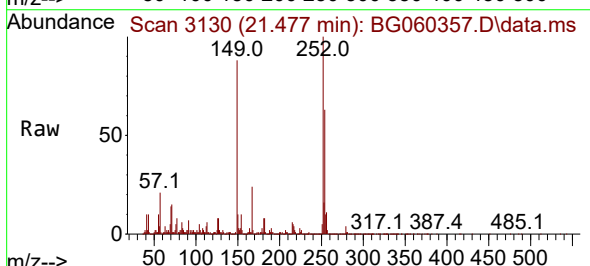
Tgt Ion:252 Resp: 973786

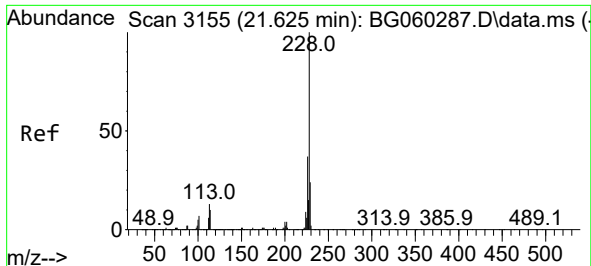
Ion Ratio Lower Upper

252 100

254 63.3 52.6 79.0

126 8.5 6.3 9.5





#83

Chrysene

Concen: 41.323 ng

RT: 21.624 min Scan# 3155

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Instrument :

BNA_G

ClientSampleId :

TP-011724MSD

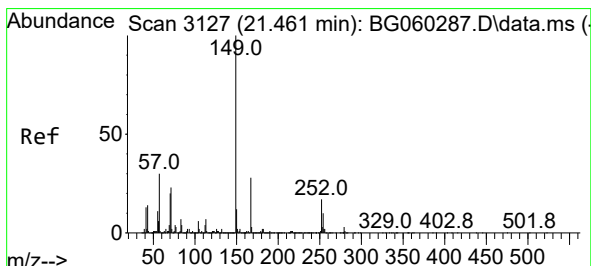
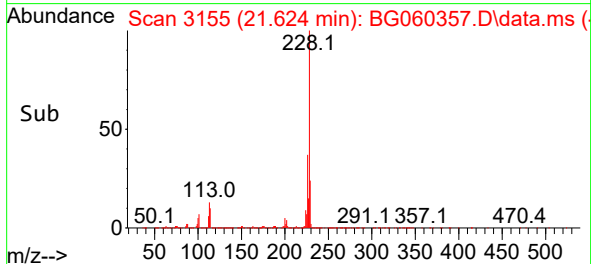
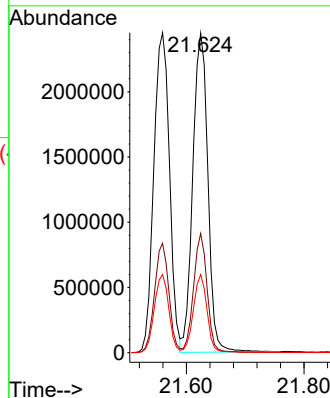
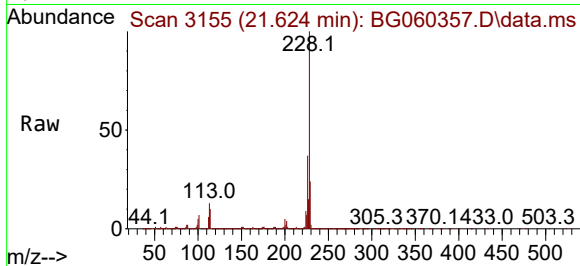
Tgt Ion:228 Resp: 4344515

Ion Ratio Lower Upper

228 100

226 37.3 29.4 44.2

229 24.4 19.2 28.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.077 ng

RT: 21.466 min Scan# 3128

Delta R.T. 0.005 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

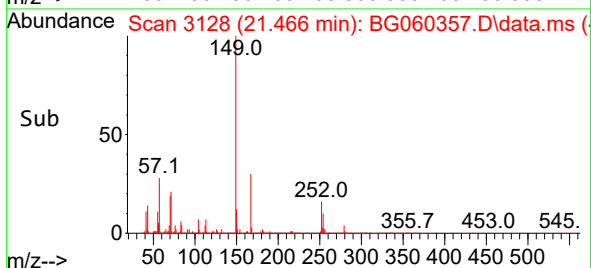
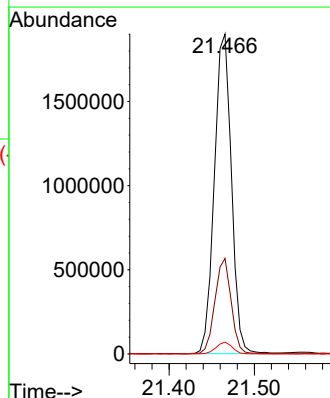
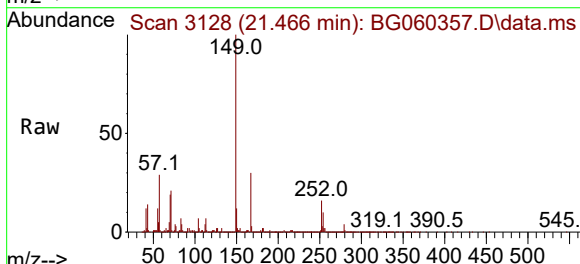
Tgt Ion:149 Resp: 2641460

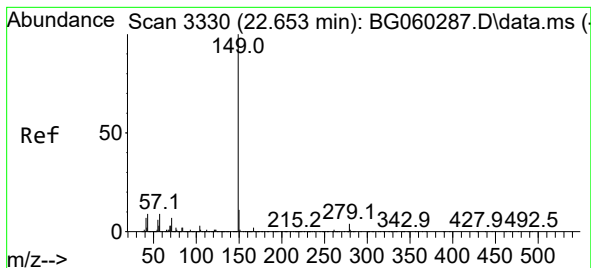
Ion Ratio Lower Upper

149 100

167 29.8 22.2 33.2

279 3.7 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 46.866 ng

RT: 22.652 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Instrument :

BNA_G

ClientSampleId :

TP-011724MSD

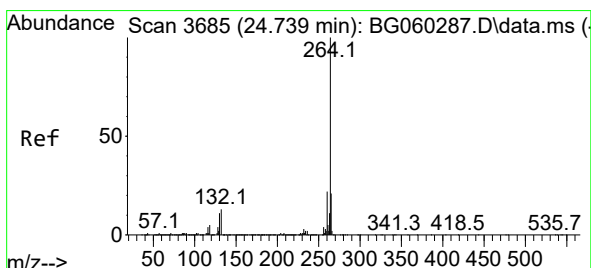
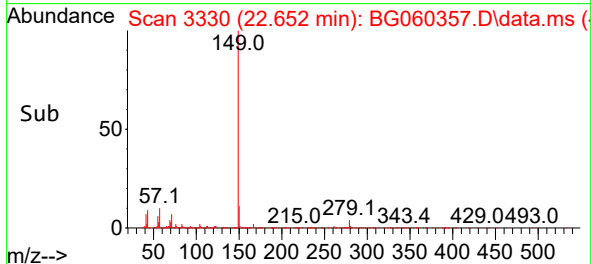
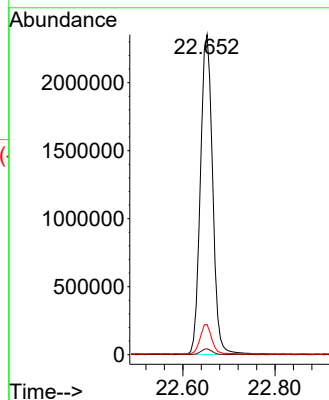
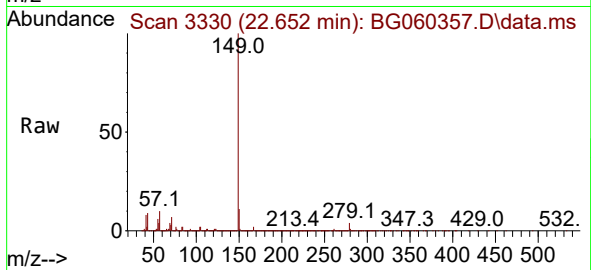
Tgt Ion:149 Resp: 4353841

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.7 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.738 min Scan# 3685

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

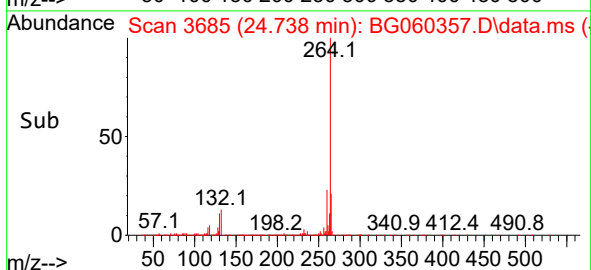
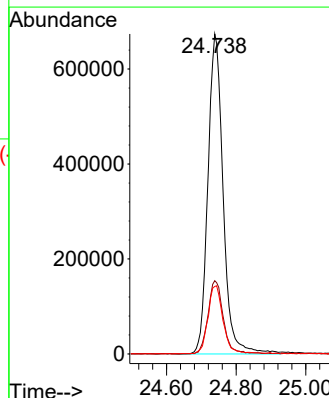
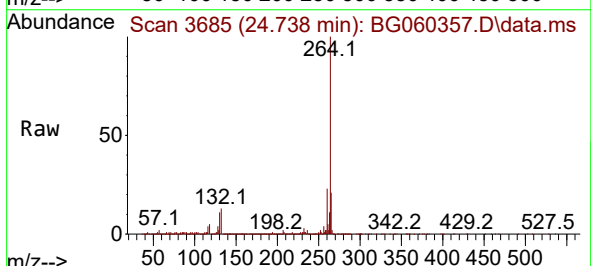
Tgt Ion:264 Resp: 2041883

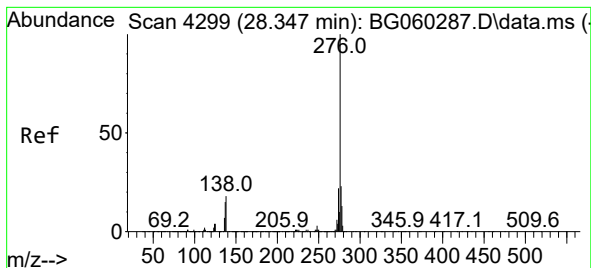
Ion Ratio Lower Upper

264 100

260 22.9 17.8 26.6

265 21.1 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.479 ng

RT: 28.340 min Scan# 41

Delta R.T. -0.007 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Instrument :

BNA_G

ClientSampleId :

TP-011724MSD

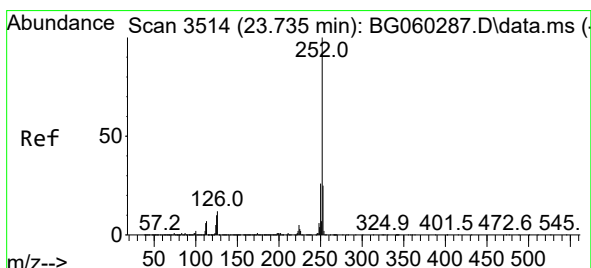
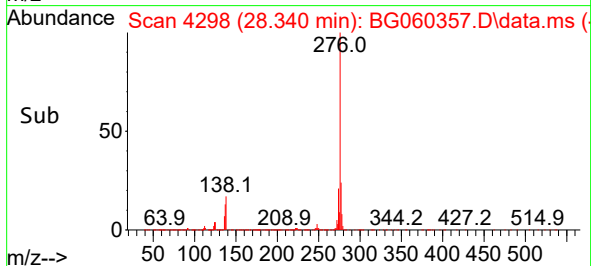
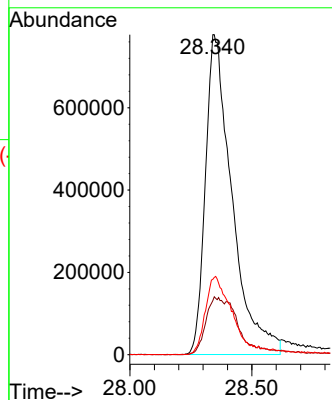
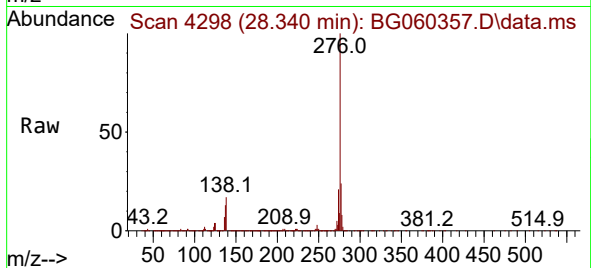
Tgt Ion:276 Resp: 5888983

Ion Ratio Lower Upper

276 100

138 11.8 12.5 18.7#

277 24.0 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 39.710 ng

RT: 23.733 min Scan# 3514

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

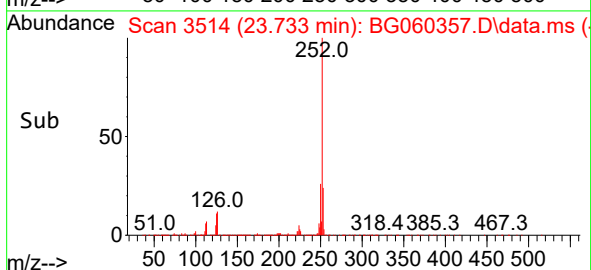
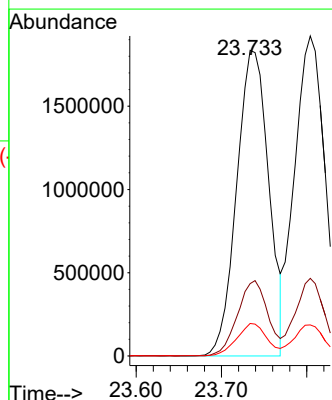
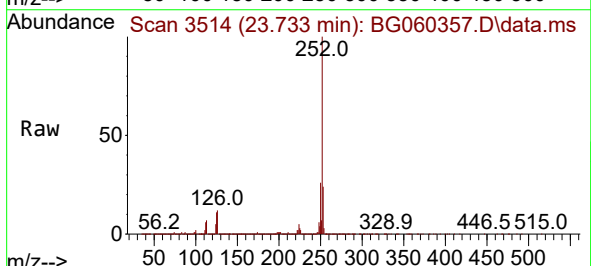
Tgt Ion:252 Resp: 4790032

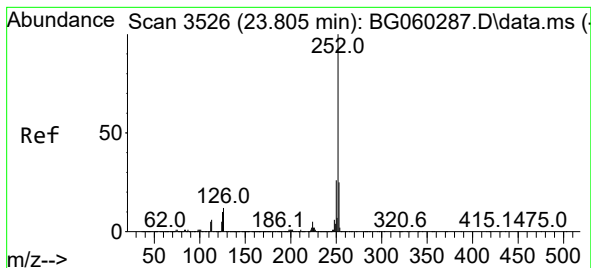
Ion Ratio Lower Upper

252 100

253 23.7 20.0 30.0

125 10.7 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 40.900 ng

RT: 23.804 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Instrument :

BNA_G

ClientSampleId :

TP-011724MSD

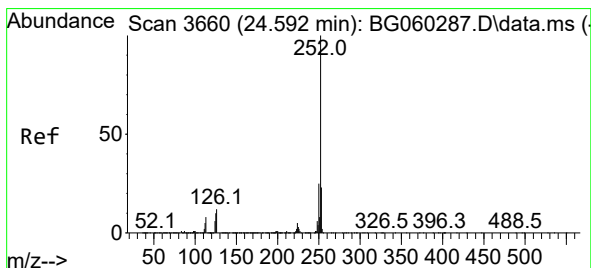
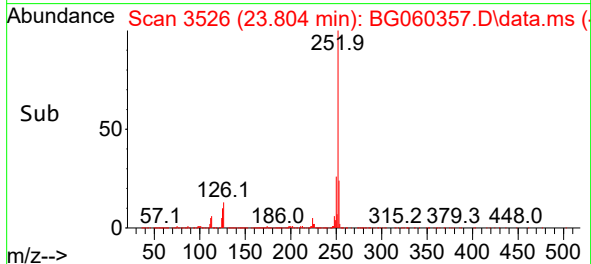
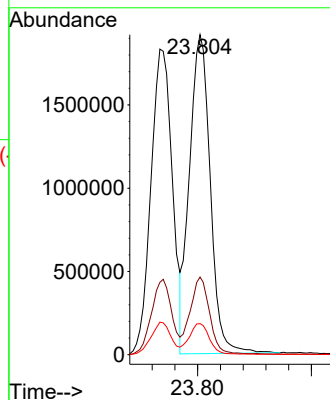
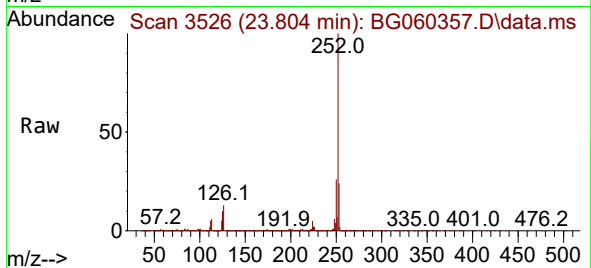
Tgt Ion:252 Resp: 4868456

Ion Ratio Lower Upper

252 100

253 24.3 19.6 29.4

125 9.7 8.2 12.2



#90

Benzo(a)pyrene

Concen: 42.477 ng

RT: 24.591 min Scan# 3660

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

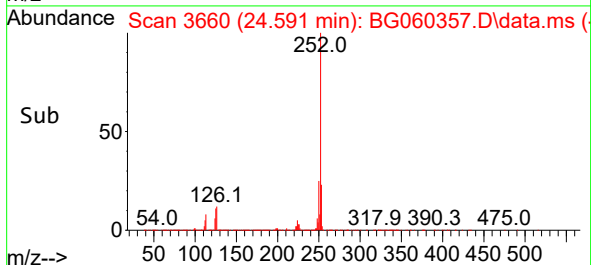
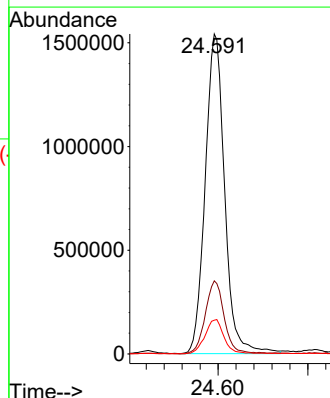
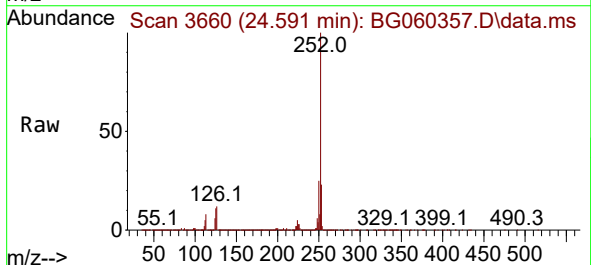
Tgt Ion:252 Resp: 4628581

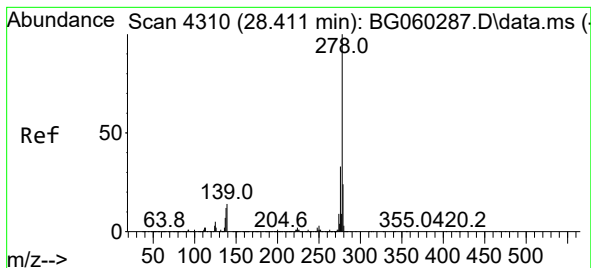
Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

125 10.6 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 41.927 ng

RT: 28.416 min Scan# 41

Delta R.T. 0.005 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Instrument :

BNA_G

ClientSampleId :

TP-011724MSD

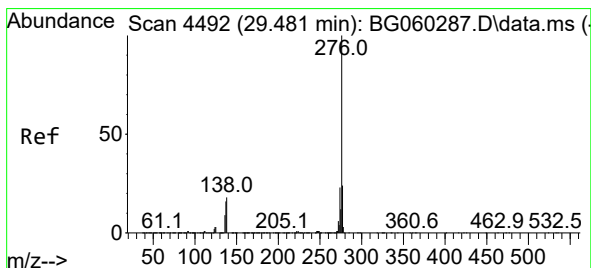
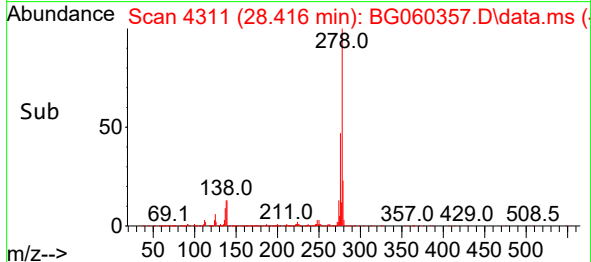
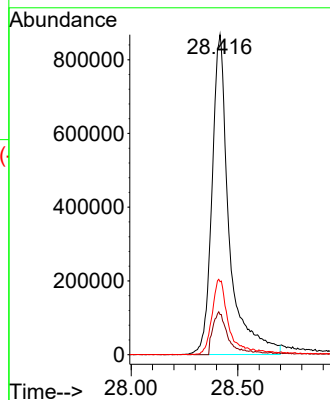
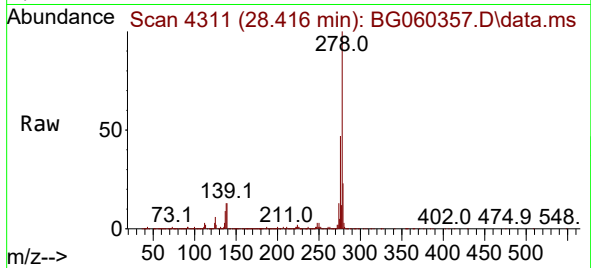
Tgt Ion:278 Resp: 4861280

Ion Ratio Lower Upper

278 100

139 12.6 10.9 16.3

279 22.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 36.658 ng

RT: 29.480 min Scan# 4492

Delta R.T. -0.001 min

Lab File: BG060357.D

Acq: 18 Jan 2024 18:11

Tgt Ion:276 Resp: 4356218

Ion Ratio Lower Upper

276 100

277 23.1 19.4 29.0

138 19.4 14.2 21.4

