

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060051.D
 Acq On : 16 Dec 2023 1:59
 Operator : MA/JU
 Sample : 05791-04MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 597-P-2MSD

Quant Time: Dec 16 03:18:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	72943	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	283802	20.000	ng	# 0.00
39) Acenaphthene-d10	14.594	164	236203	20.000	ng	0.00
64) Phenanthrene-d10	17.343	188	687106	20.000	ng	0.00
76) Chrysene-d12	21.615	240	814595	20.000	ng	# 0.00
86) Perylene-d12	24.799	264	935763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	503154	118.082	ng	0.00
7) Phenol-d6	7.120	99	635266	105.986	ng	0.01
23) Nitrobenzene-d5	9.118	82	506458	81.033	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	674094	122.460	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1520445	78.783	ng	0.00
79) Terphenyl-d14	19.964	244	3715245	83.268	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.448	88	56372	27.958	ng	# 32
3) Pyridine	3.842	79	121455	21.509	ng	99
4) n-Nitrosodimethylamine	3.753	42	87566	31.527	ng	83
6) Aniline	7.279	93	195918	32.091	ng	96
8) 2-Chlorophenol	7.520	128	167196	41.407	ng	94
9) Benzaldehyde	7.097	77	67112	18.415	ng	96
10) Phenol	7.144	94	227585	37.797	ng	95
11) bis(2-Chloroethyl)ether	7.379	93	164574	38.179	ng	92
12) 1,3-Dichlorobenzene	7.849	146	188412	34.893	ng	92
13) 1,4-Dichlorobenzene	8.313	146	196803	35.026	ng	97
14) 1,2-Dichlorobenzene	8.313	146	196803	36.406	ng	96
15) Benzyl Alcohol	8.195	79	205508	42.660	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.489	45	342808	44.442	ng	98
17) 2-Methylphenol	8.395	107	170509	42.475	ng	90
18) Hexachloroethane	9.041	117	65181	38.295	ng	94
19) n-Nitroso-di-n-propyla...	8.759	70	162666	42.064	ng	# 88
20) 3+4-Methylphenols	8.724	107	234249	41.776	ng	96
22) Acetophenone	8.777	105	328681	39.742	ng	97
24) Nitrobenzene	9.159	77	251836	39.689	ng	94
25) Isophorone	9.682	82	478641	40.013	ng	97
26) 2-Nitrophenol	9.876	139	103232	44.237	ng	# 86
27) 2,4-Dimethylphenol	9.929	122	165735	51.813	ng	94
28) bis(2-Chloroethoxy)met...	10.169	93	235876	38.192	ng	98
29) 2,4-Dichlorophenol	10.405	162	241921	42.109	ng	96
30) 1,2,4-Trichlorobenzene	10.622	180	281068	36.143	ng	98
31) Naphthalene	10.810	128	581523	39.361	ng	97
32) Benzoic acid	9.999	122	41969	14.424	ng	96
33) 4-Chloroaniline	10.916	127	101664	18.085	ng	96
34) Hexachlorobutadiene	11.098	225	241234	33.893	ng	96
35) Caprolactam	11.685	113	56947	39.020	ng	95
36) 4-Chloro-3-methylphenol	12.038	107	232018	44.406	ng	97
37) 2-Methylnaphthalene	12.420	142	454138	39.192	ng	97
38) 1-Methylnaphthalene	12.637	142	440740	38.505	ng	100
40) 1,2,4,5-Tetrachloroben...	12.784	216	465059	37.767	ng	98
41) Hexachlorocyclopentadiene	12.766	237	567875	111.616	ng	93
43) 2,4,6-Trichlorophenol	13.025	196	284162	41.157	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060051.D
 Acq On : 16 Dec 2023 1:59
 Operator : MA/JU
 Sample : 05791-04MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 597-P-2MSD

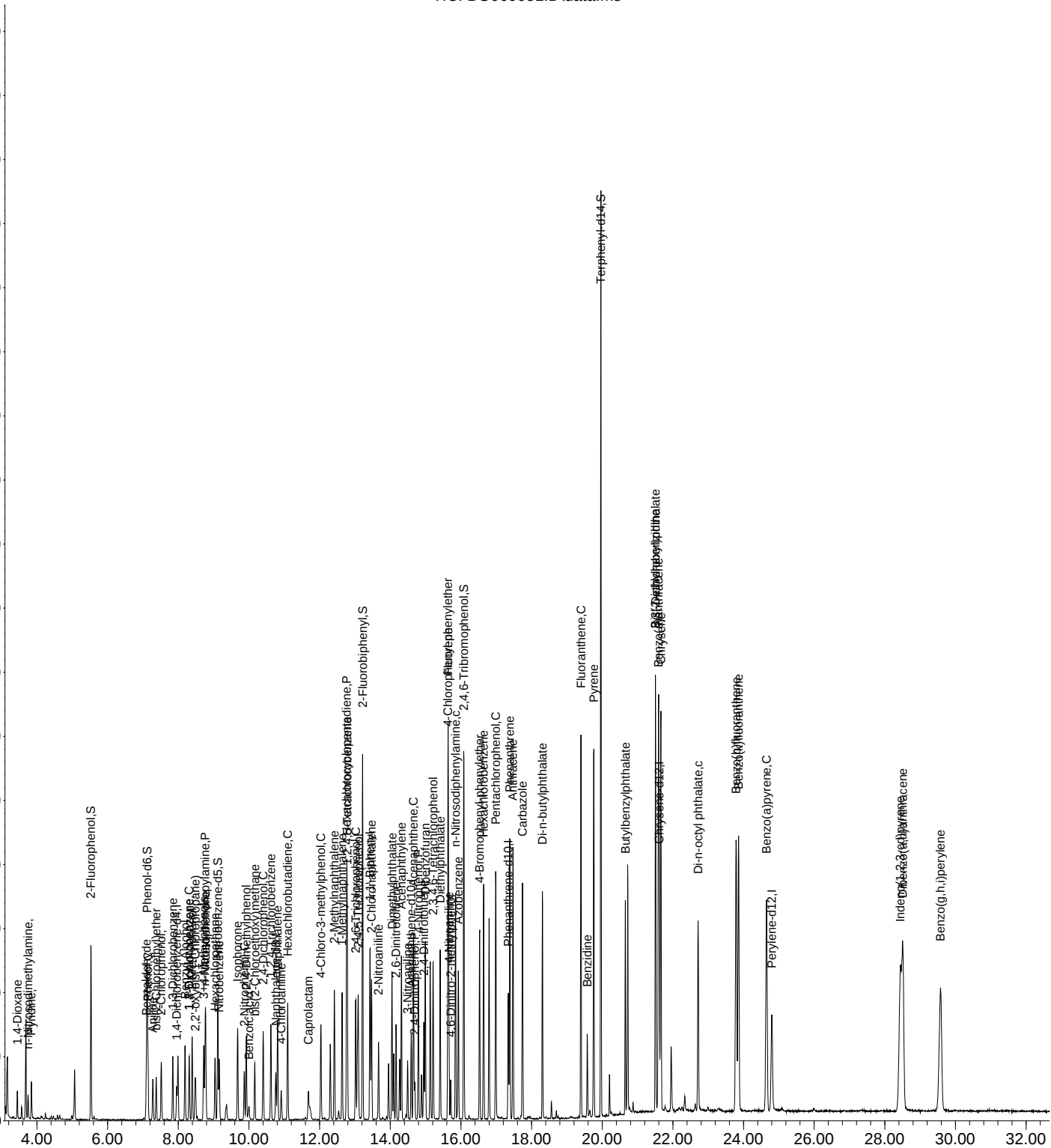
Quant Time: Dec 16 03:18:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

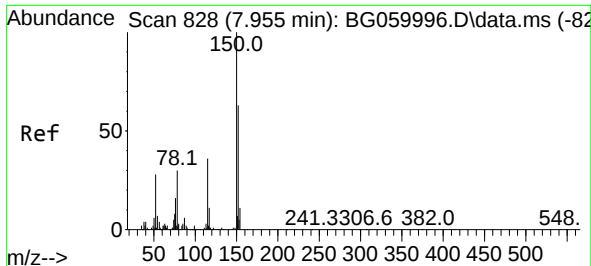
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	308928	41.136	ng	95
46) 1,1'-Biphenyl	13.430	154	728688	41.599	ng	99
47) 2-Chloronaphthalene	13.472	162	588089	38.766	ng	96
48) 2-Nitroaniline	13.671	65	168839	51.557	ng	88
49) Acenaphthylene	14.318	152	927133	44.678	ng	98
50) Dimethylphthalate	14.053	163	773085	42.166	ng	97
51) 2,6-Dinitrotoluene	14.165	165	164439	43.297	ng	97
52) Acenaphthene	14.658	154	563917	39.478	ng	97
53) 3-Nitroaniline	14.494	138	98426	32.432	ng	96
54) 2,4-Dinitrophenol	14.694	184	85584	30.585	ng	94
55) Dibenzofuran	14.993	168	953484	41.010	ng	98
56) 4-Nitrophenol	14.799	139	206557	80.982	ng	95
57) 2,4-Dinitrotoluene	14.952	165	232652	43.577	ng	# 97
58) Fluorene	15.640	166	794967	40.548	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.217	232	338449	43.294	ng	99
60) Diethylphthalate	15.416	149	718369	42.584	ng	97
61) 4-Chlorophenyl-phenyle...	15.634	204	554171	39.248	ng	96
62) 4-Nitroaniline	15.663	138	143664	43.472	ng	96
63) Azobenzene	15.927	77	682242	41.019	ng	97
65) 4,6-Dinitro-2-methylph...	15.716	198	96762	22.461	ng	94
66) n-Nitrosodiphenylamine	15.851	169	743444	44.290	ng	98
67) 4-Bromophenyl-phenylether	16.533	248	384963	39.709	ng	96
68) Hexachlorobenzene	16.644	284	439668	38.795	ng	# 94
69) Atrazine	16.797	200	376636	Below Cal		97
70) Pentachlorophenol	16.985	266	443445	60.399	ng	97
71) Phenanthrene	17.385	178	1459467	43.852	ng	98
72) Anthracene	17.473	178	1494379	44.658	ng	99
73) Carbazole	17.743	167	1249597	43.945	ng	97
74) Di-n-butylphthalate	18.307	149	1217118	46.920	ng	97
75) Fluoranthene	19.400	202	2034290	41.887	ng	97
77) Benzidine	19.576	184	426733	40.784	ng	97
78) Pyrene	19.764	202	2086634	42.257	ng	99
80) Butylbenzylphthalate	20.657	149	467425	52.706	ng	93
81) Benzo(a)anthracene	21.591	228	2340017	42.765	ng	100
82) 3,3'-Dichlorobenzidine	21.509	252	655811	36.423	ng	100
83) Chrysene	21.662	228	2185225	42.153	ng	99
84) Bis(2-ethylhexyl)phtha...	21.509	149	706083	52.528	ng	99
85) Di-n-octyl phthalate	22.714	149	1239486	53.307	ng	97
87) Indeno(1,2,3-cd)pyrene	28.436	276	2886844	43.227	ng	99
88) Benzo(b)fluoranthene	23.789	252	2444579	42.299	ng	99
89) Benzo(k)fluoranthene	23.859	252	2304884	41.117	ng	100
90) Benzo(a)pyrene	24.653	252	2122978	41.462	ng	99
91) Dibenzo(a,h)anthracene	28.507	278	2454891	43.959	ng	99
92) Benzo(g,h,i)perylene	29.576	276	2273422	40.927	ng	98

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

597-P-2MSD

Response via : Initial Calibration

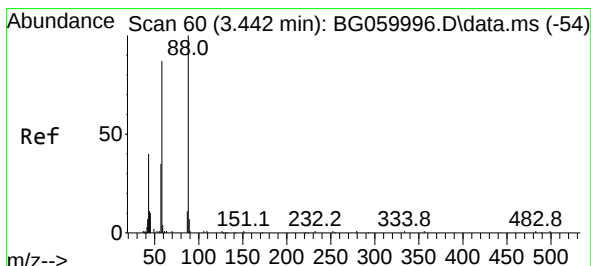
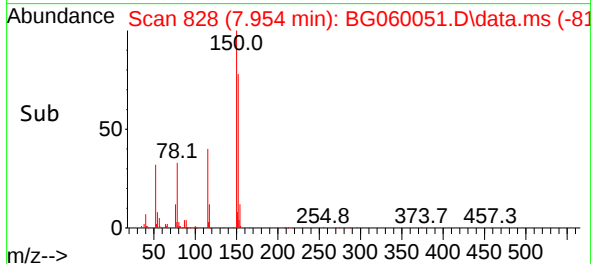
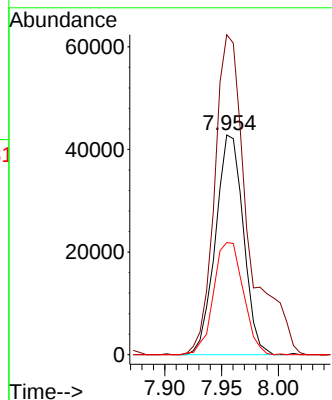
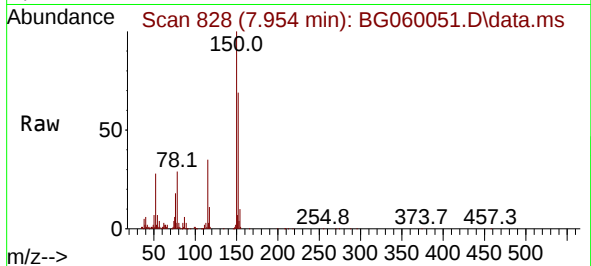




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.954 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG060051.D
 Acq: 16 Dec 2023 1:59

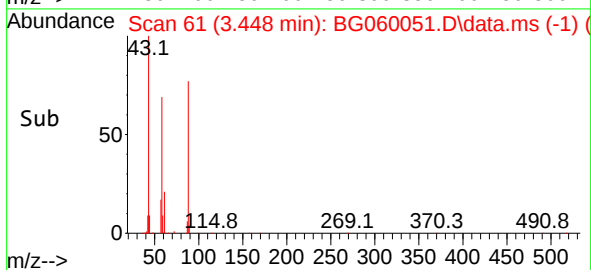
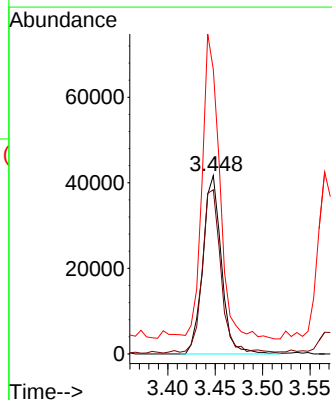
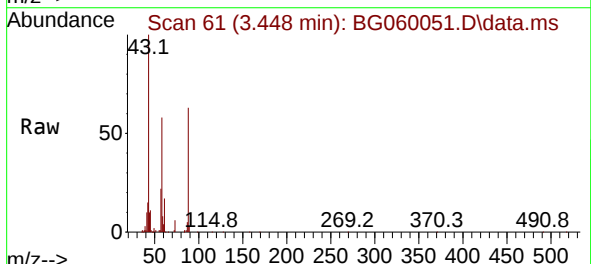
Instrument :
 BNA_G
 ClientSampleId :
 597-P-2MSD

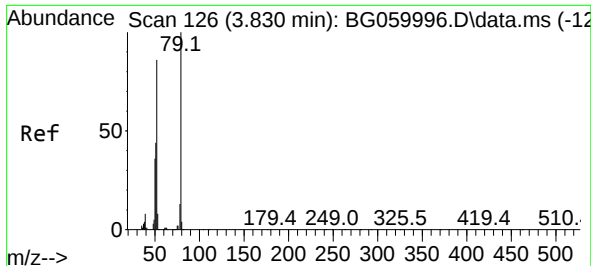
Tgt Ion:152 Resp: 72943
 Ion Ratio Lower Upper
 152 100
 150 145.6 127.0 190.6
 115 51.1 45.7 68.5



#2
 1,4-Dioxane
 Concen: 27.958 ng
 RT: 3.448 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: BG060051.D
 Acq: 16 Dec 2023 1:59

Tgt Ion: 88 Resp: 56372
 Ion Ratio Lower Upper
 88 100
 58 91.7 68.5 102.7
 43 161.8 28.8 43.2#

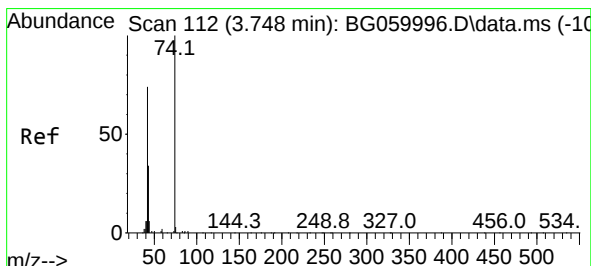
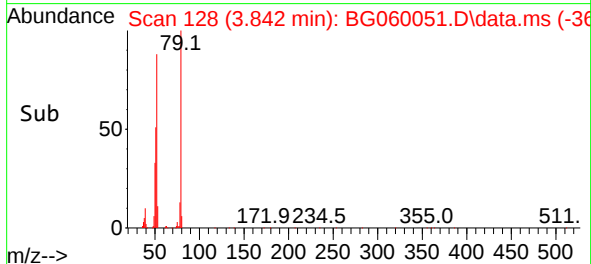
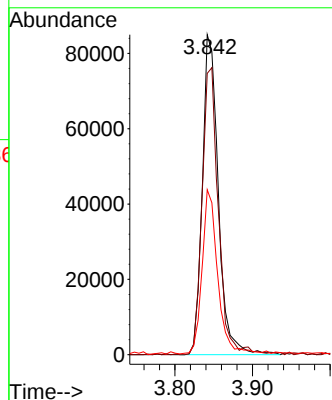
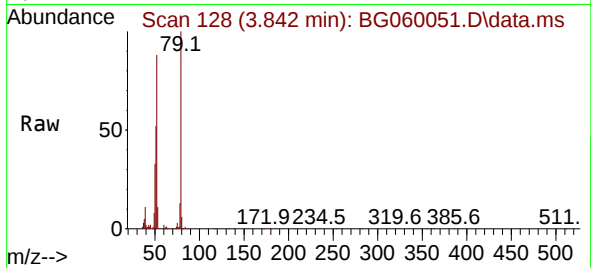




#3
Pyridine
Concen: 21.509 ng
RT: 3.842 min Scan# 11
Delta R.T. 0.011 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

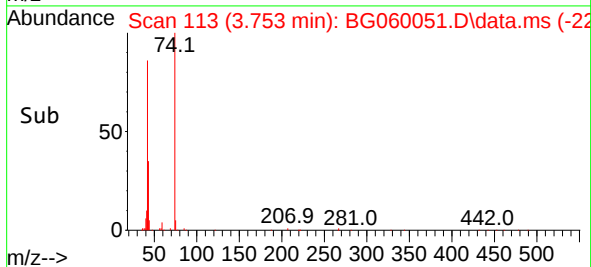
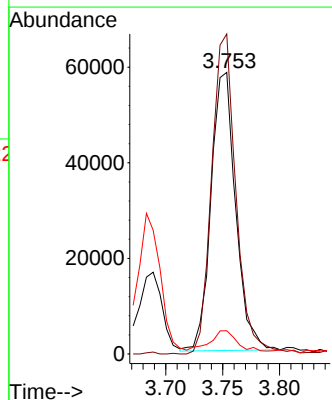
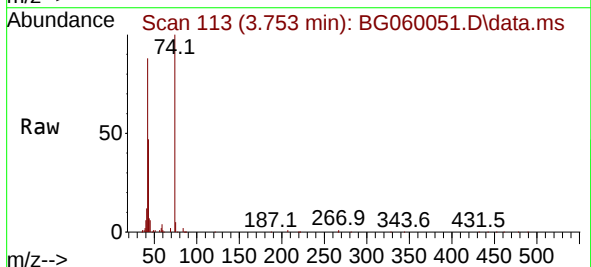
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

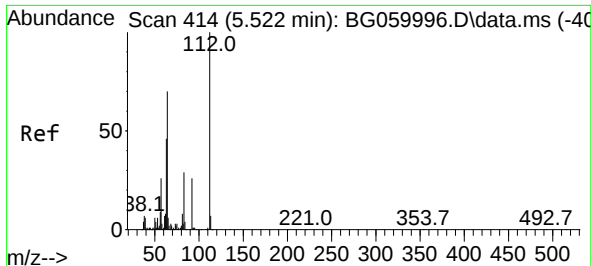
Tgt Ion: 79 Resp: 121455
Ion Ratio Lower Upper
79 100
52 87.9 68.7 103.1
51 51.6 41.1 61.7



#4
n-Nitrosodimethylamine
Concen: 31.527 ng
RT: 3.753 min Scan# 113
Delta R.T. 0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion: 42 Resp: 87566
Ion Ratio Lower Upper
42 100
74 113.7 107.4 161.2
44 8.2 6.0 9.0

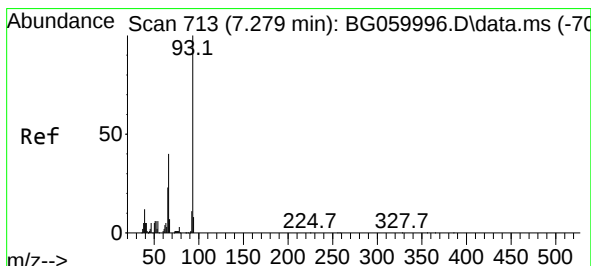
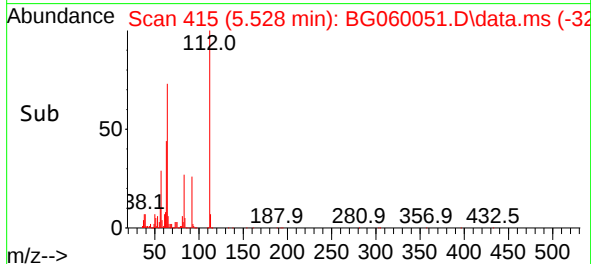
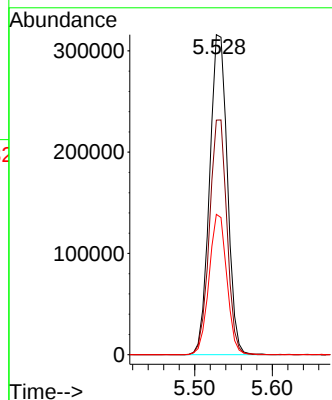
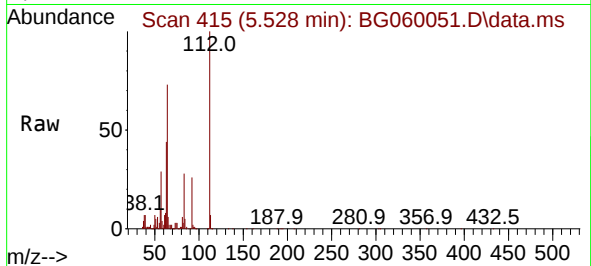




#5
2-Fluorophenol
Concen: 118.082 ng
RT: 5.528 min Scan# 414
Delta R.T. 0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

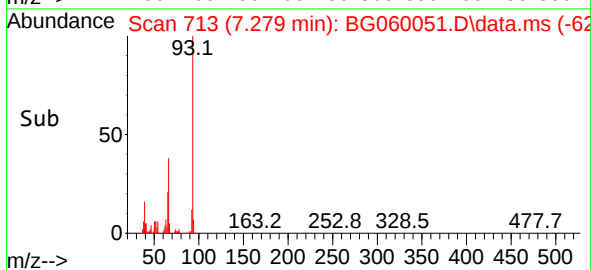
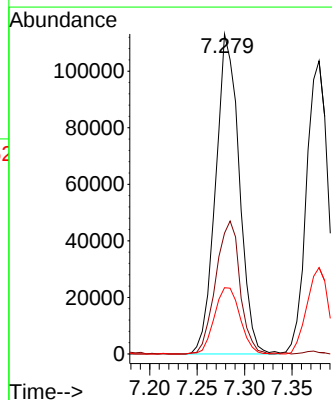
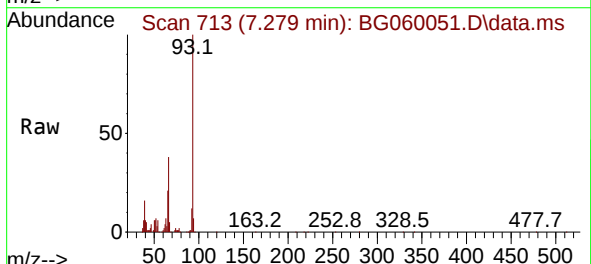
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

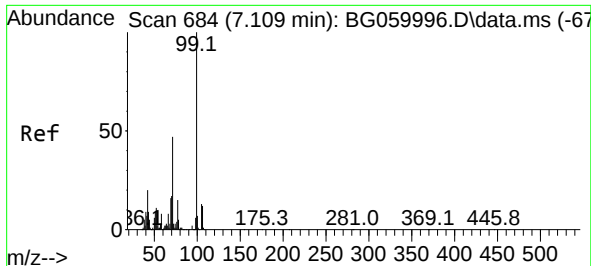
Tgt Ion:112 Resp: 503154
Ion Ratio Lower Upper
112 100
64 73.3 55.9 83.9
63 43.8 36.5 54.7



#6
Aniline
Concen: 32.091 ng
RT: 7.279 min Scan# 713
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion: 93 Resp: 195918
Ion Ratio Lower Upper
93 100
66 37.7 31.8 47.8
65 20.7 18.6 28.0

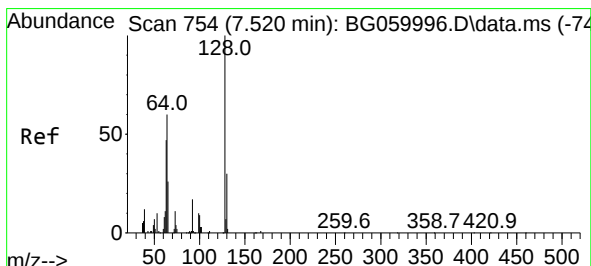
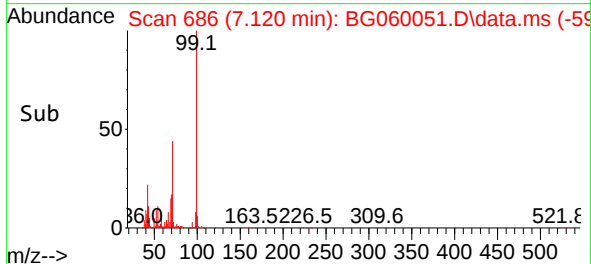
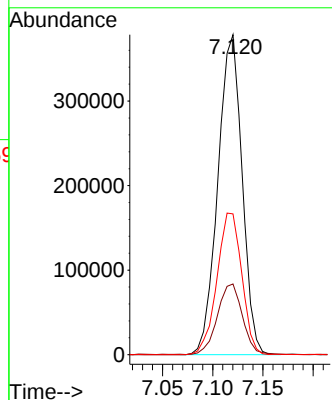
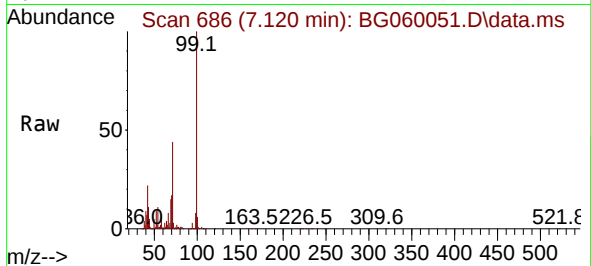




#7
Phenol-d6
Concen: 105.986 ng
RT: 7.120 min Scan# 686
Delta R.T. 0.011 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

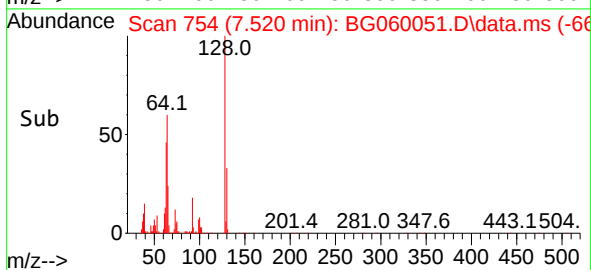
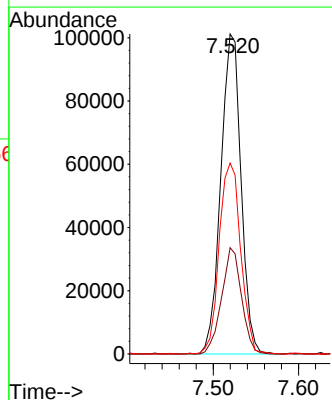
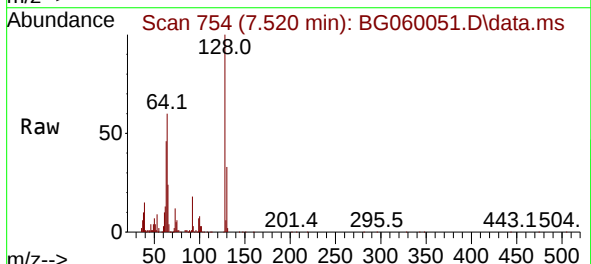
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

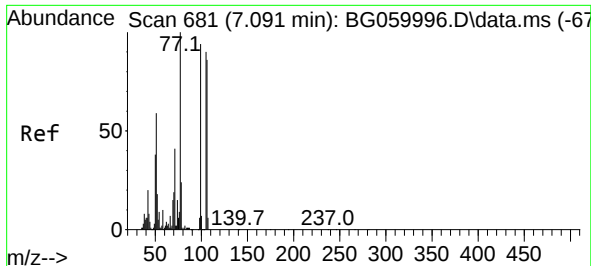
Tgt Ion: 99 Resp: 635266
Ion Ratio Lower Upper
99 100
42 22.1 16.2 24.4
71 44.0 37.6 56.4



#8
2-Chlorophenol
Concen: 41.407 ng
RT: 7.520 min Scan# 754
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:128 Resp: 167196
Ion Ratio Lower Upper
128 100
130 33.2 10.3 50.3
64 59.7 44.2 84.2

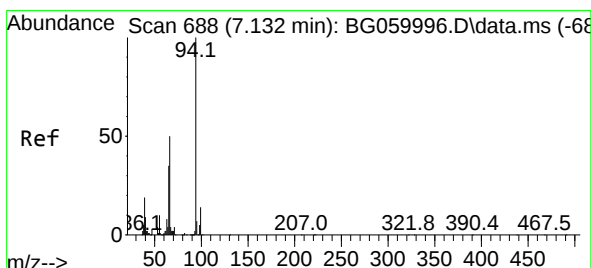
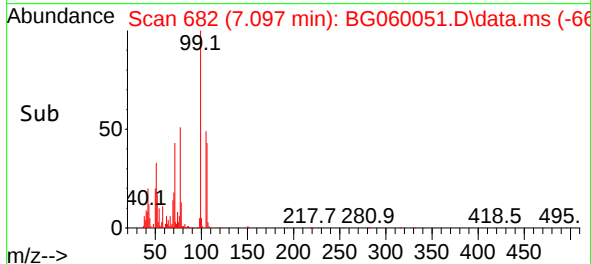
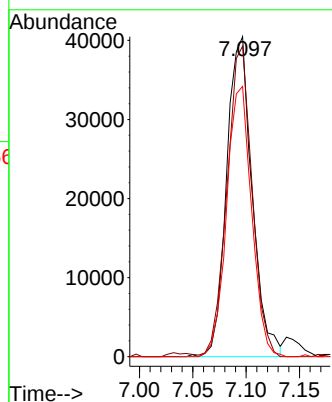
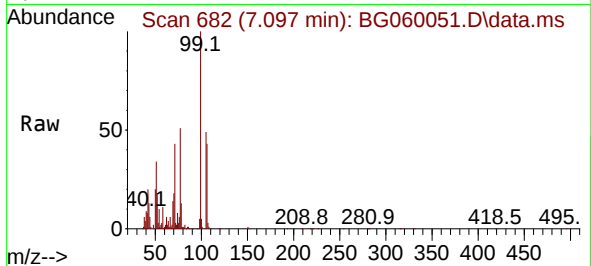




#9
Benzaldehyde
Concen: 18.415 ng
RT: 7.097 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

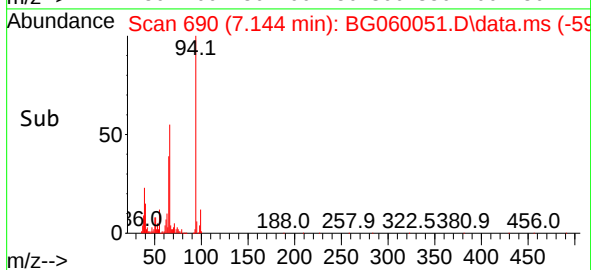
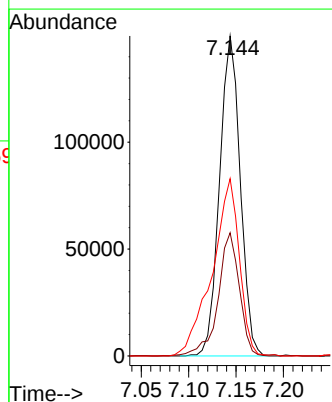
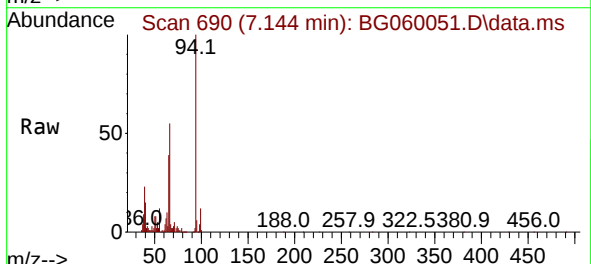
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

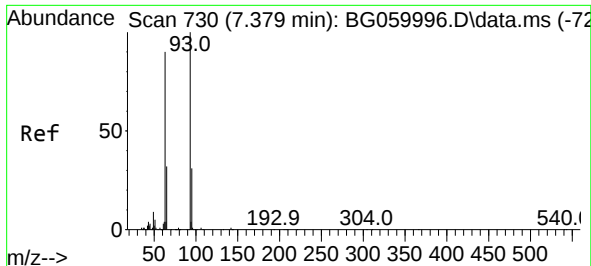
Tgt Ion: 77 Resp: 67112
Ion Ratio Lower Upper
77 100
105 97.1 70.5 110.5
106 84.4 66.0 106.0



#10
Phenol
Concen: 37.797 ng
RT: 7.144 min Scan# 690
Delta R.T. 0.011 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion: 94 Resp: 227585
Ion Ratio Lower Upper
94 100
65 38.5 15.5 55.5
66 55.4 31.6 71.6

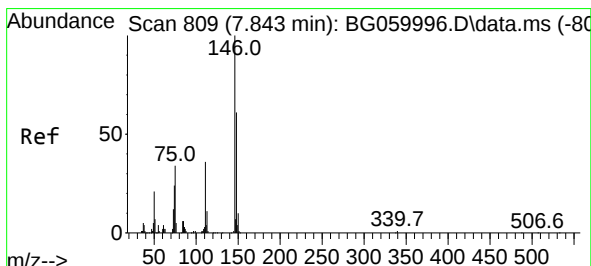
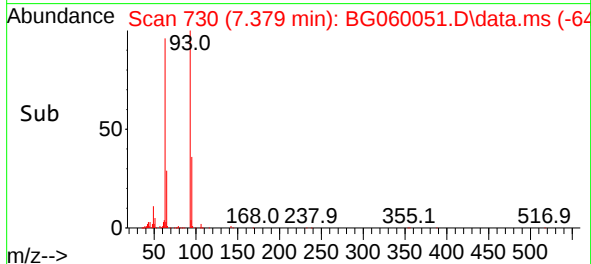
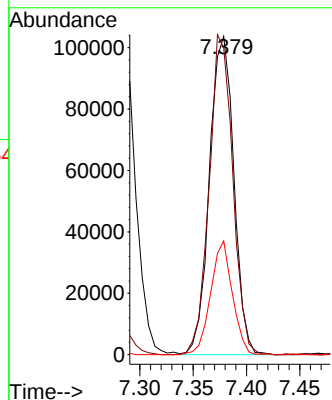
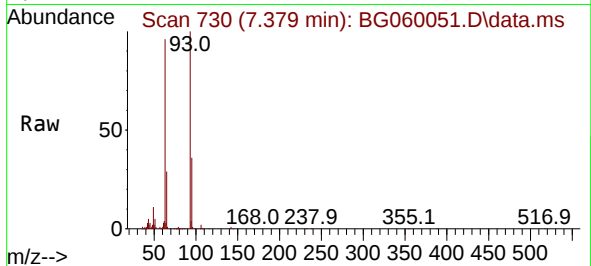




#11
bis(2-Chloroethyl)ether
Concen: 38.179 ng
RT: 7.379 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

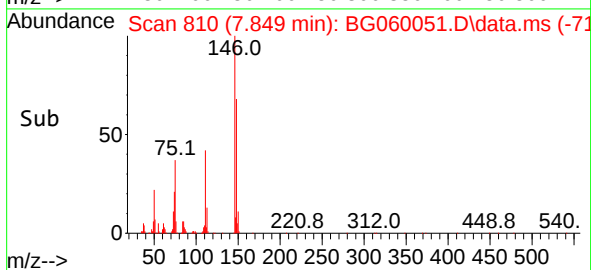
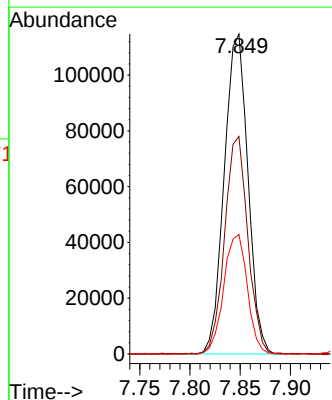
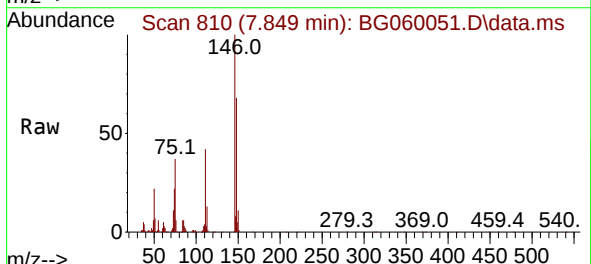
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

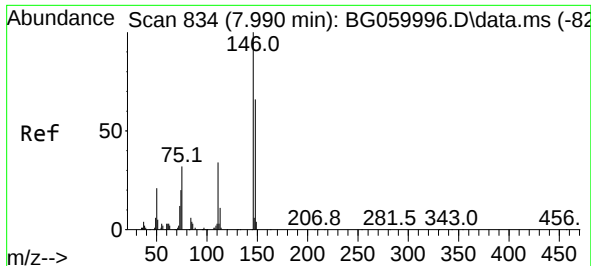
Tgt Ion: 93 Resp: 164574
Ion Ratio Lower Upper
93 100
63 96.4 69.8 109.8
95 35.8 10.7 50.7



#12
1,3-Dichlorobenzene
Concen: 34.893 ng
RT: 7.849 min Scan# 810
Delta R.T. 0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:146 Resp: 188412
Ion Ratio Lower Upper
146 100
148 68.0 49.1 73.7
75 37.4 27.0 40.6

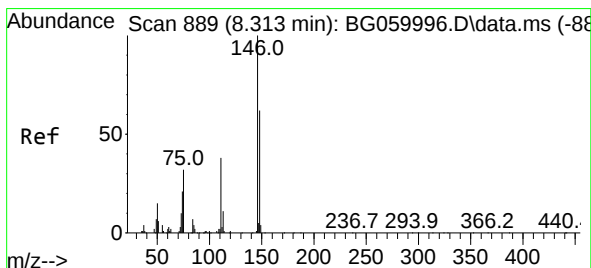
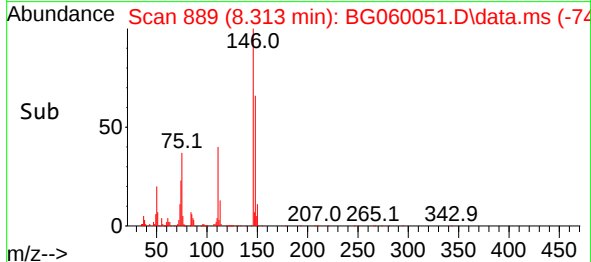
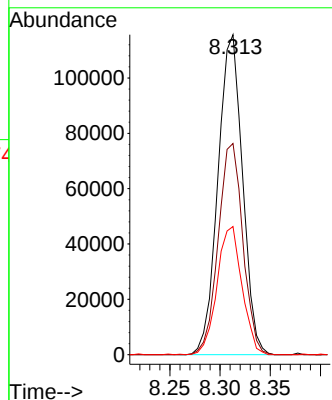
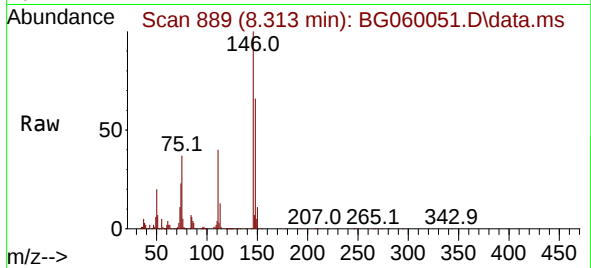




#13
1,4-Dichlorobenzene
Concen: 35.026 ng
RT: 8.313 min Scan# 889
Delta R.T. 0.323 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

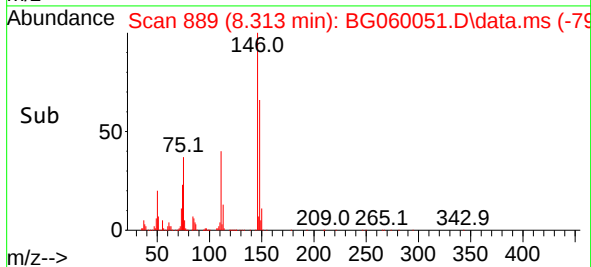
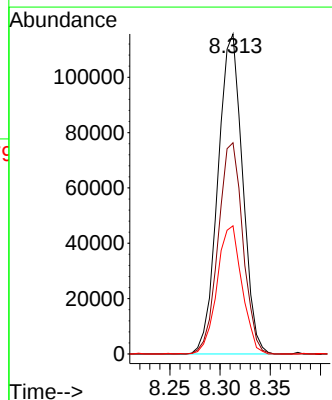
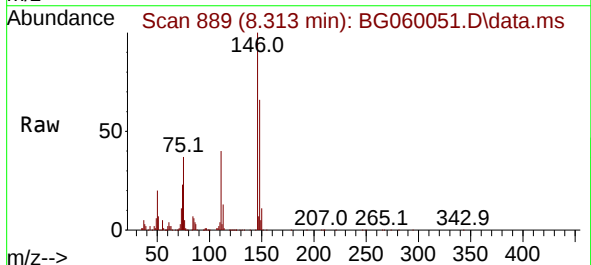
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

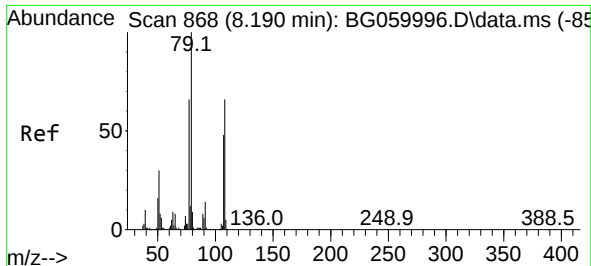
Tgt Ion:146 Resp: 196803
Ion Ratio Lower Upper
146 100
148 66.0 52.9 79.3
111 40.1 27.6 41.4



#14
1,2-Dichlorobenzene
Concen: 36.406 ng
RT: 8.313 min Scan# 889
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:146 Resp: 196803
Ion Ratio Lower Upper
146 100
148 66.0 49.7 74.5
111 40.1 30.9 46.3

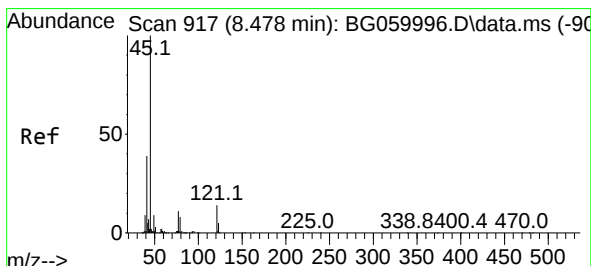
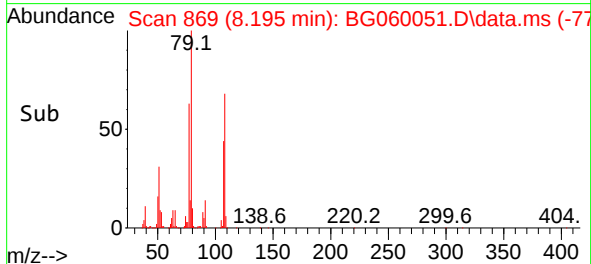
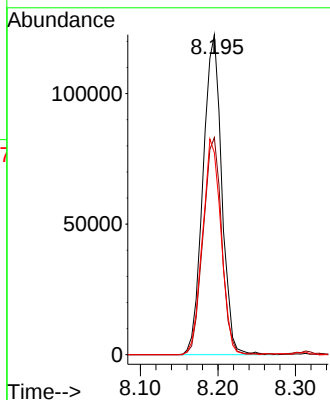
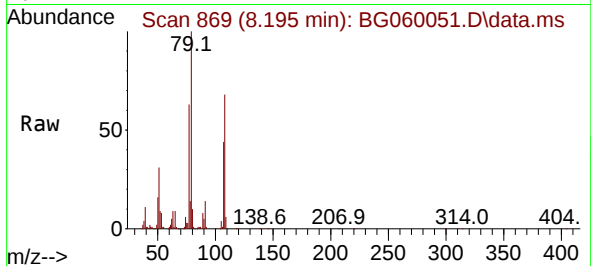




#15
Benzyl Alcohol
Concen: 42.660 ng
RT: 8.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

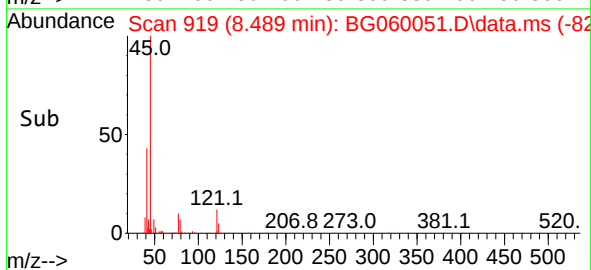
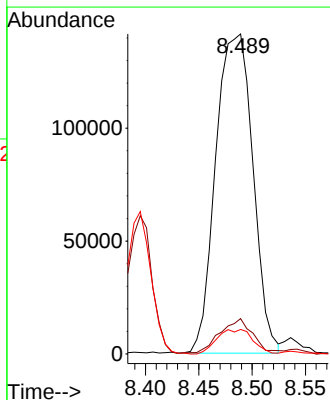
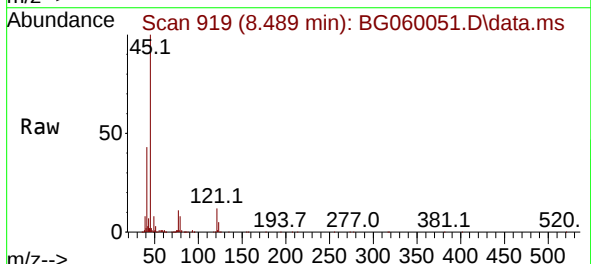
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

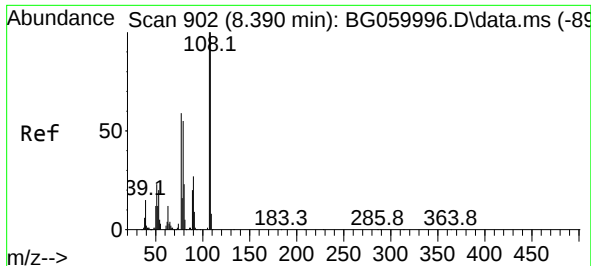
Tgt Ion: 79 Resp: 205508
Ion Ratio Lower Upper
79 100
108 67.9 53.1 79.7
77 63.1 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.442 ng
RT: 8.489 min Scan# 919
Delta R.T. 0.011 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion: 45 Resp: 342808
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.7
79 7.6 0.0 28.7





#17

2-Methylphenol

Concen: 42.475 ng

RT: 8.395 min Scan# 902

Delta R.T. 0.005 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

Instrument :

BNA_G

ClientSampleId :

597-P-2MSD

Tgt Ion:107 Resp: 170509

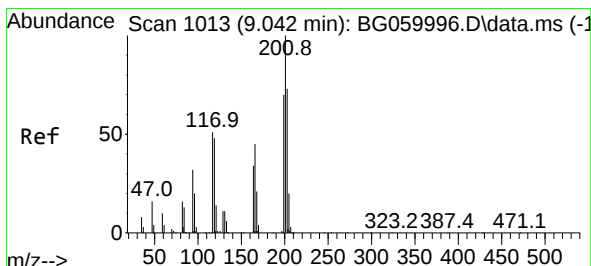
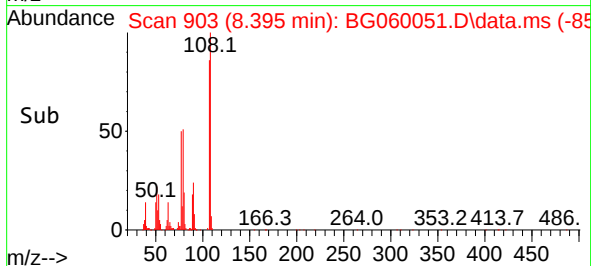
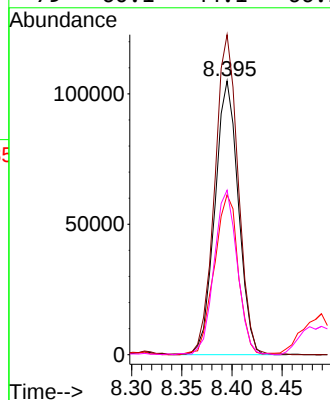
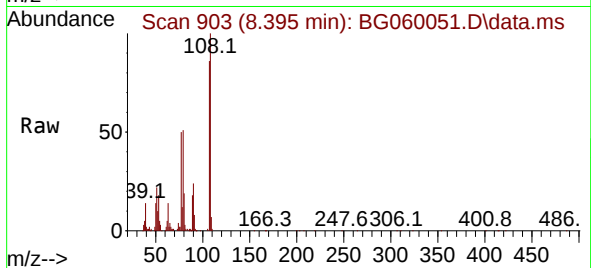
Ion Ratio Lower Upper

107 100

108 116.9 80.7 121.1

77 58.4 47.8 71.6

79 60.1 44.1 66.1



#18

Hexachloroethane

Concen: 38.295 ng

RT: 9.041 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

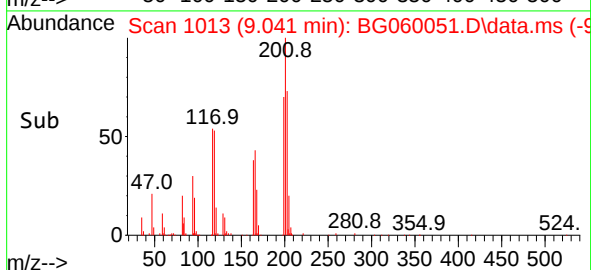
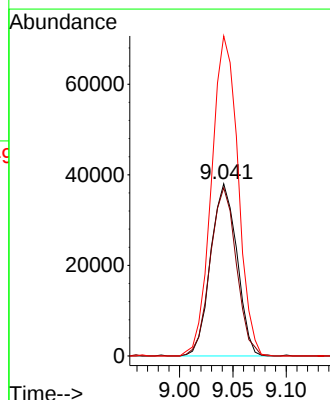
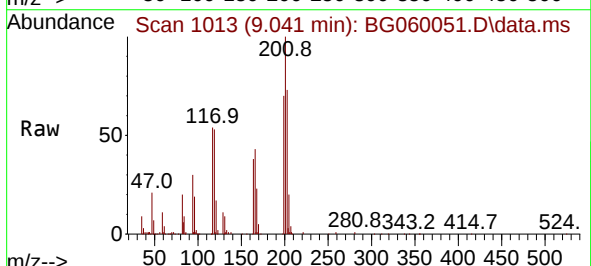
Tgt Ion:117 Resp: 65181

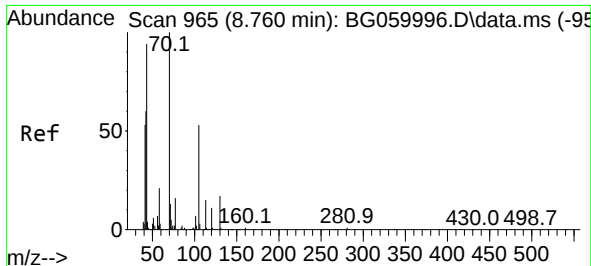
Ion Ratio Lower Upper

117 100

119 97.7 74.5 111.7

201 185.9 156.5 234.7

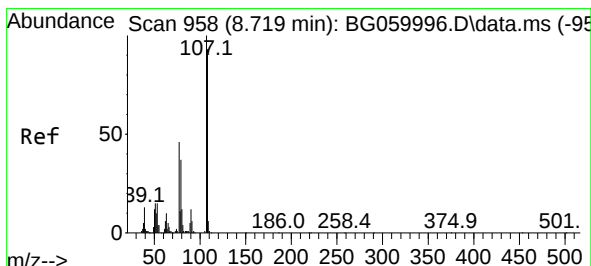
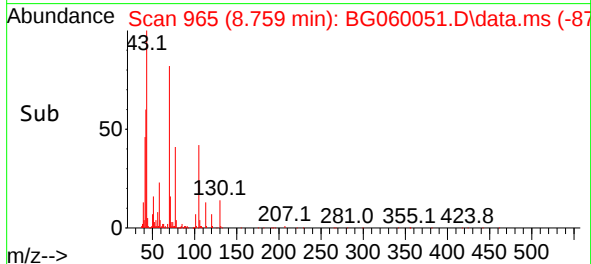
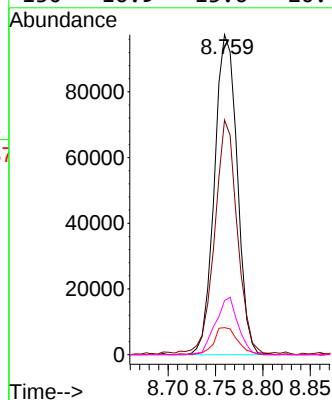
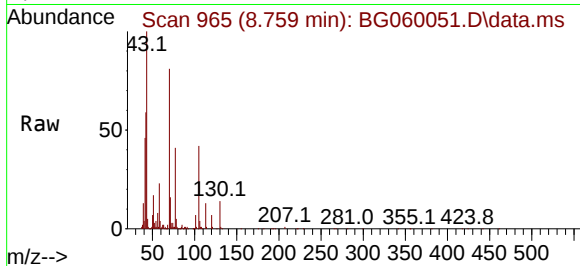




#19
n-Nitroso-di-n-propylamine
Concen: 42.064 ng
RT: 8.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

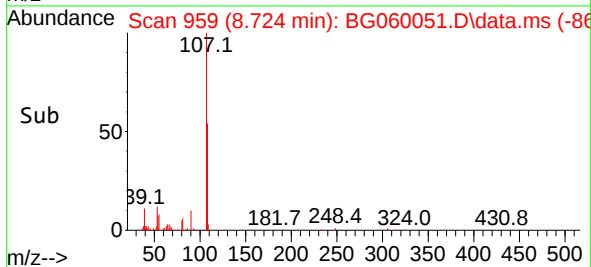
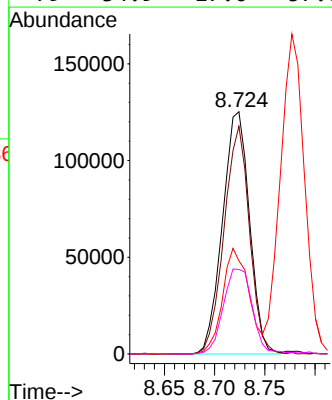
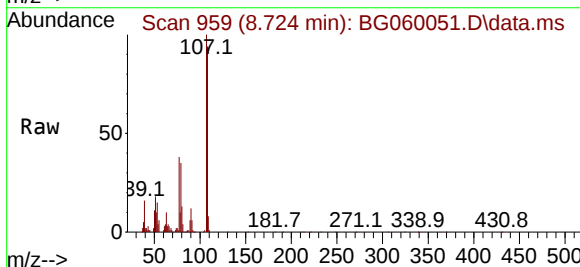
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

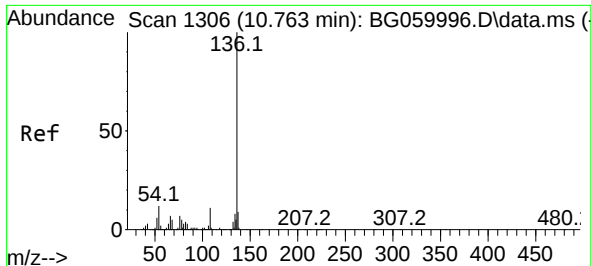
Tgt Ion: 70 Resp: 162666
Ion Ratio Lower Upper
70 100
42 73.4 48.6 73.0#
101 8.5 5.7 8.5
130 16.9 13.6 20.4



#20
3+4-Methylphenols
Concen: 41.776 ng
RT: 8.724 min Scan# 959
Delta R.T. 0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion: 107 Resp: 234249
Ion Ratio Lower Upper
107 100
108 94.0 72.8 112.8
77 38.4 25.6 65.6
79 34.9 17.0 57.0

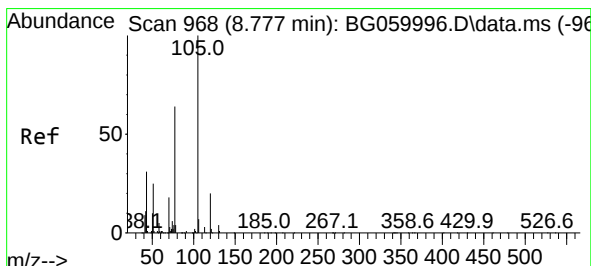
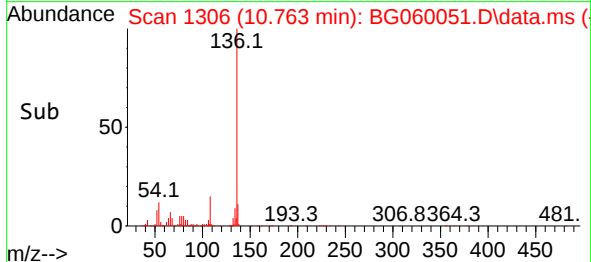
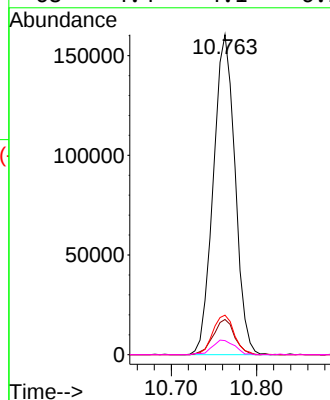
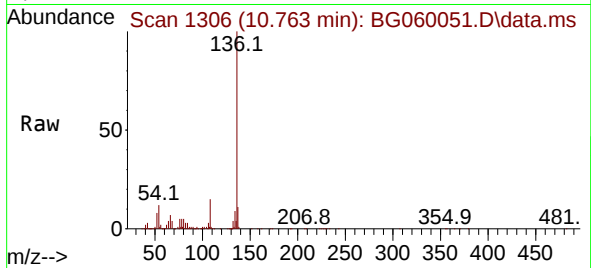




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

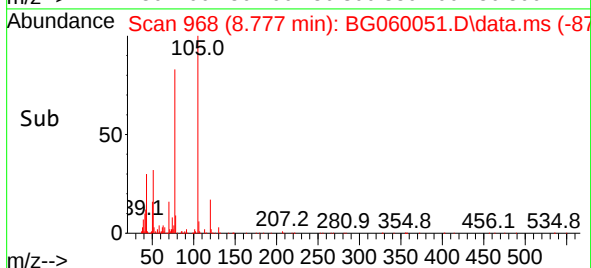
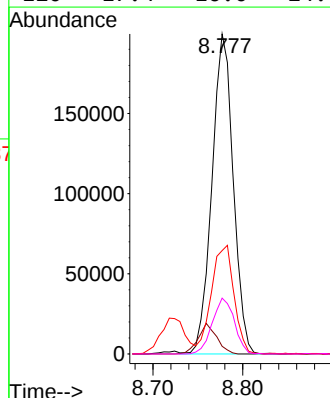
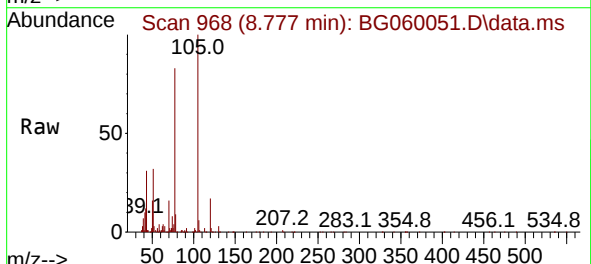
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

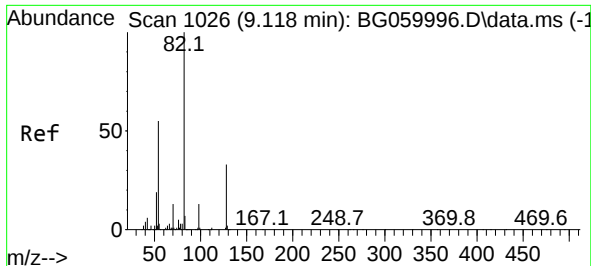
Tgt Ion:136 Resp: 283802
Ion Ratio Lower Upper
136 100
137 11.0 7.3 10.9#
54 12.4 9.6 14.4
68 4.4 4.1 6.1



#22
Acetophenone
Concen: 39.742 ng
RT: 8.777 min Scan# 968
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:105 Resp: 328681
Ion Ratio Lower Upper
105 100
71 2.4 2.1 3.1
51 32.3 25.4 38.0
120 17.4 16.0 24.0





#23

Nitrobenzene-d5

Concen: 81.033 ng

RT: 9.118 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

Instrument :

BNA_G

ClientSampleId :

597-P-2MSD

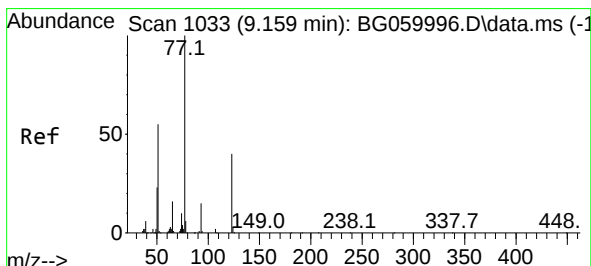
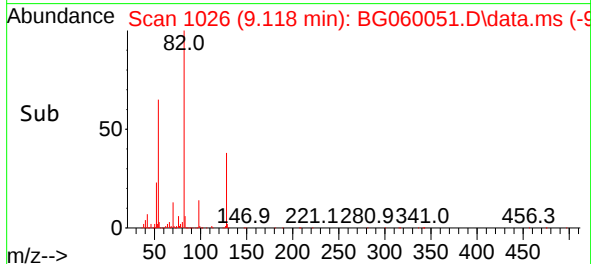
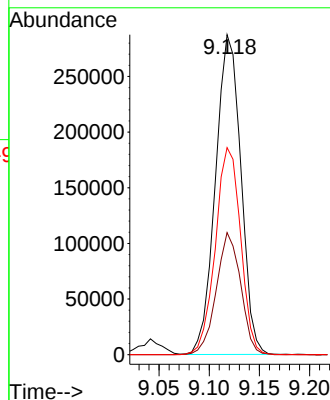
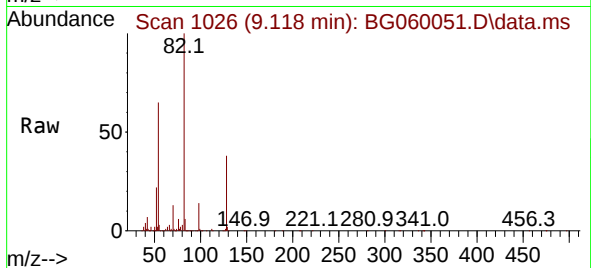
Tgt Ion: 82 Resp: 506458

Ion Ratio Lower Upper

82 100

128 38.2 26.3 39.5

54 64.7 44.3 66.5



#24

Nitrobenzene

Concen: 39.689 ng

RT: 9.159 min Scan# 1033

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

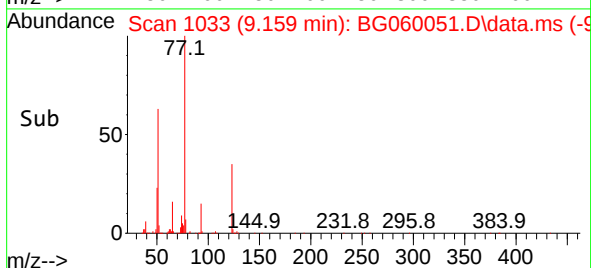
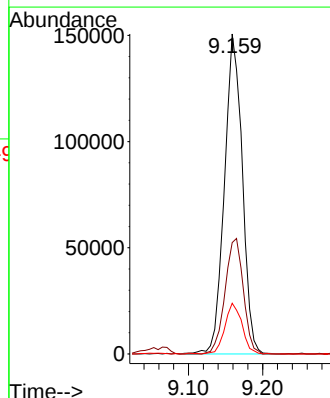
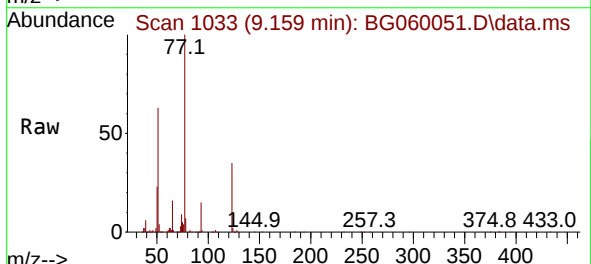
Tgt Ion: 77 Resp: 251836

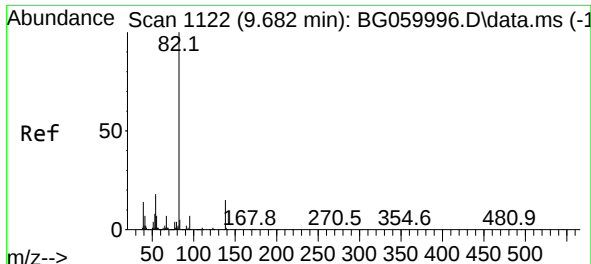
Ion Ratio Lower Upper

77 100

123 34.8 32.1 48.1

65 15.9 13.0 19.4

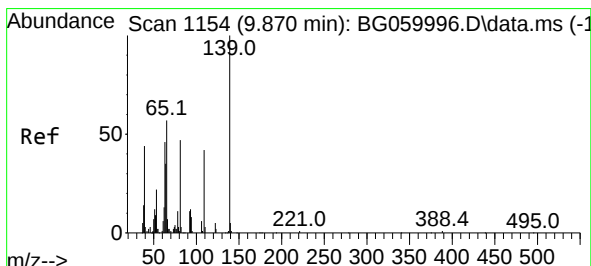
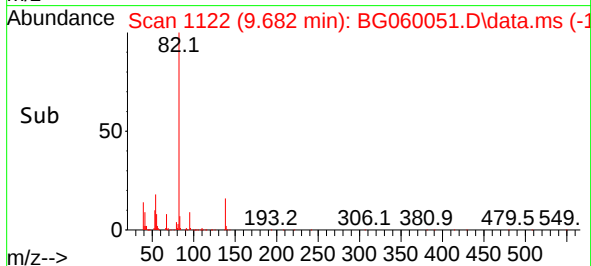
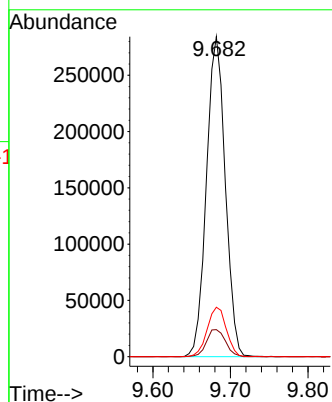
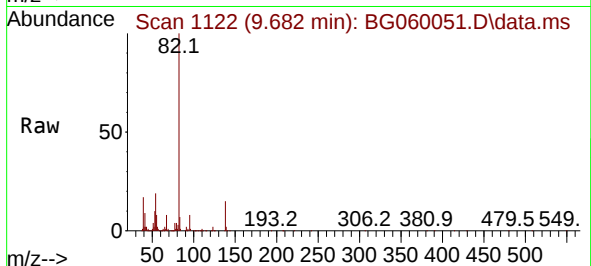




#25
Isophorone
Concen: 40.013 ng
RT: 9.682 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

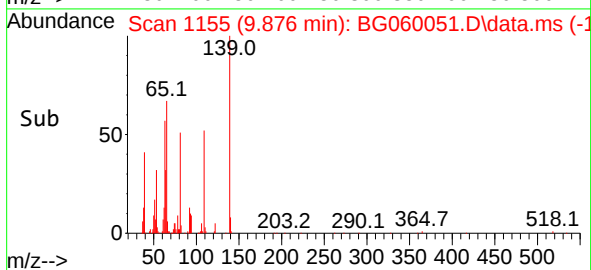
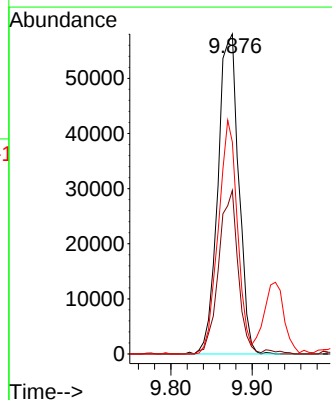
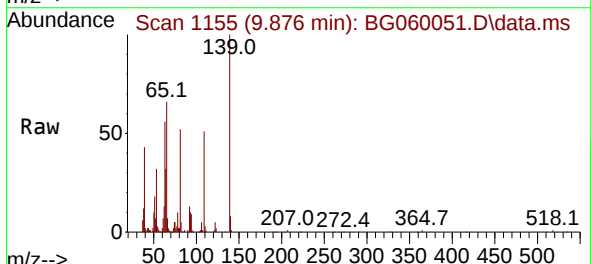
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

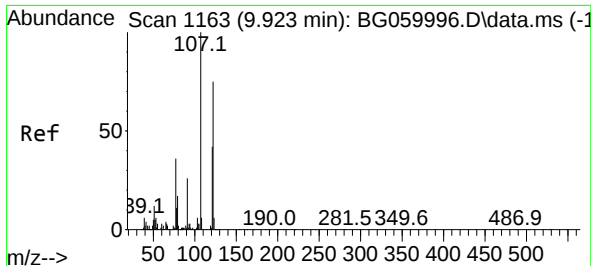
Tgt Ion: 82 Resp: 478641
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.8
138 15.5 11.6 17.4



#26
2-Nitrophenol
Concen: 44.237 ng
RT: 9.876 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion: 139 Resp: 103232
Ion Ratio Lower Upper
139 100
109 51.1 33.8 50.6#
65 66.2 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 51.813 ng

RT: 9.929 min Scan# 1163

Delta R.T. 0.006 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

Instrument :

BNA_G

ClientSampleId :

597-P-2MSD

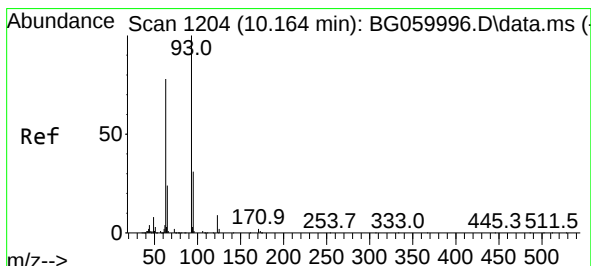
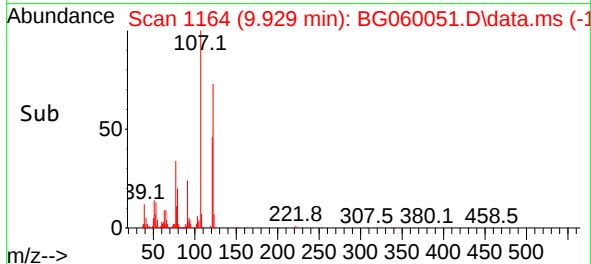
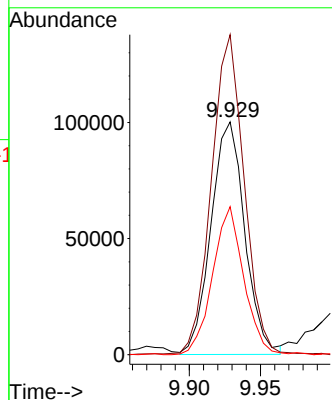
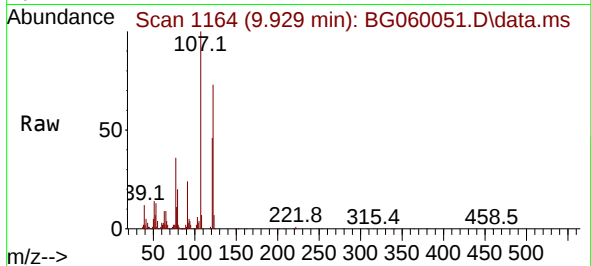
Tgt Ion:122 Resp: 165735

Ion Ratio Lower Upper

122 100

107 137.5 105.9 158.9

121 63.6 44.5 66.7



#28

bis(2-Chloroethoxy)methane

Concen: 38.192 ng

RT: 10.169 min Scan# 1205

Delta R.T. 0.006 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

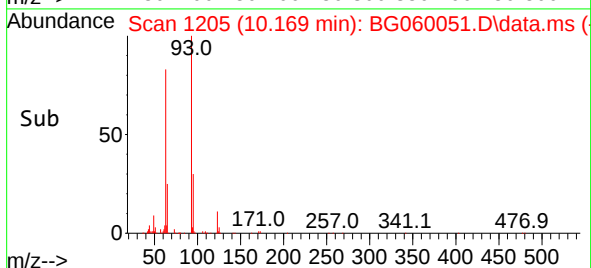
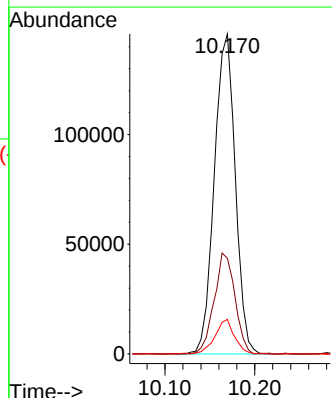
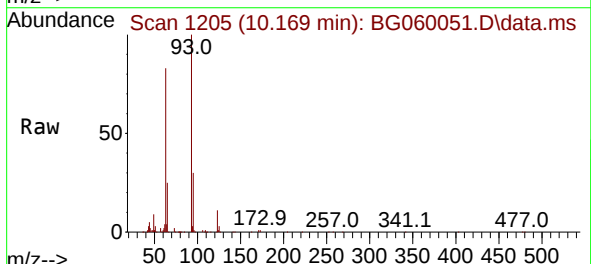
Tgt Ion: 93 Resp: 235876

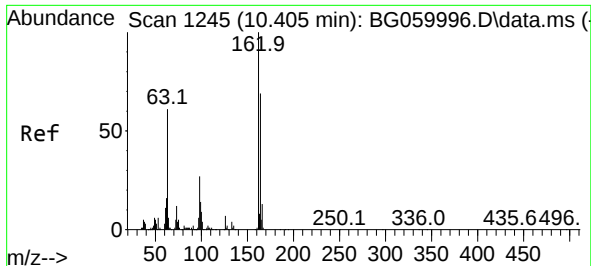
Ion Ratio Lower Upper

93 100

95 29.9 24.7 37.1

123 10.8 7.5 11.3





#29

2,4-Dichlorophenol

Concen: 42.109 ng

RT: 10.405 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

Instrument :

BNA_G

ClientSampleId :

597-P-2MSD

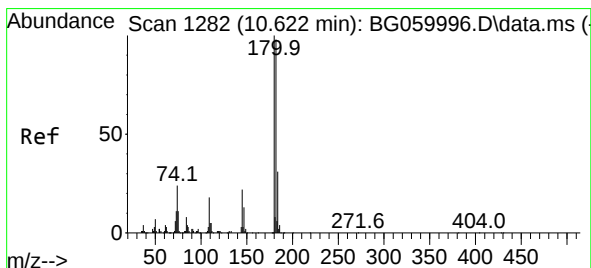
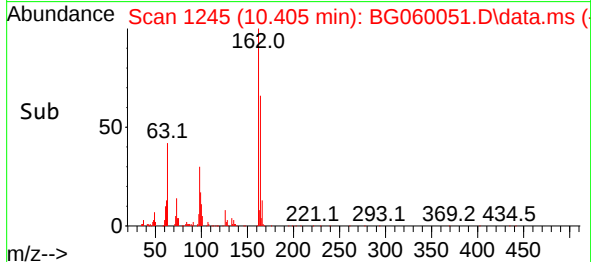
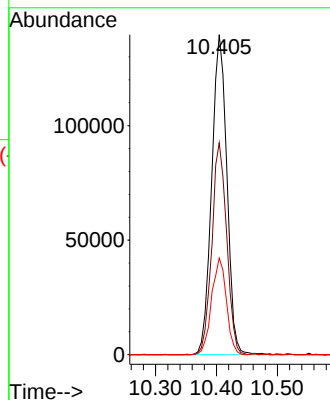
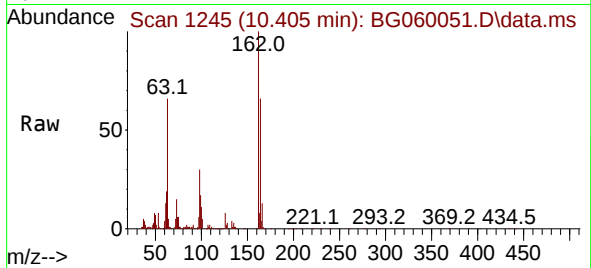
Tgt Ion:162 Resp: 241921

Ion Ratio Lower Upper

162 100

164 66.2 48.8 88.8

98 30.2 7.2 47.2



#30

1,2,4-Trichlorobenzene

Concen: 36.143 ng

RT: 10.622 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

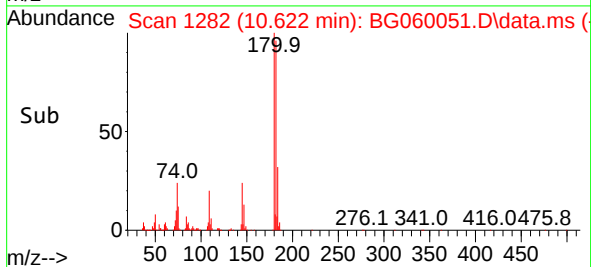
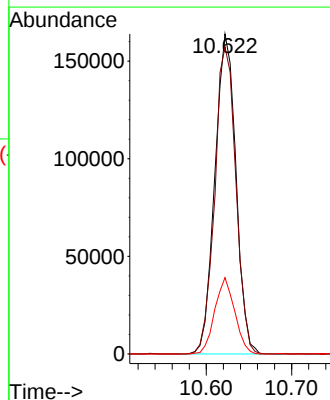
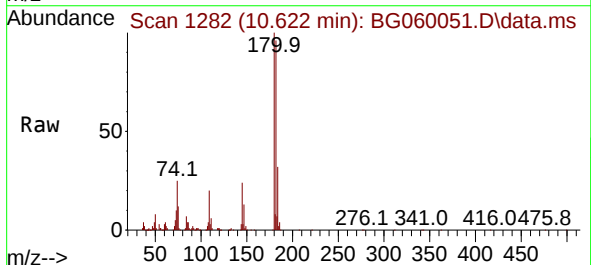
Tgt Ion:180 Resp: 281068

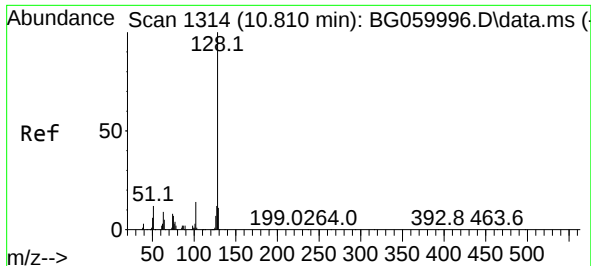
Ion Ratio Lower Upper

180 100

182 95.9 78.2 117.4

145 23.8 17.2 25.8

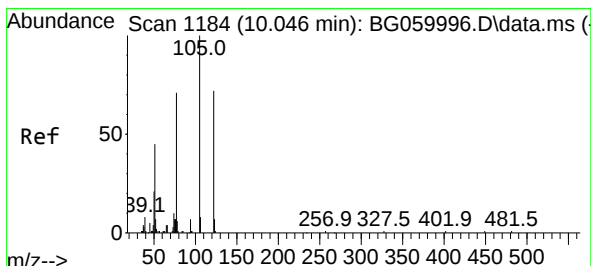
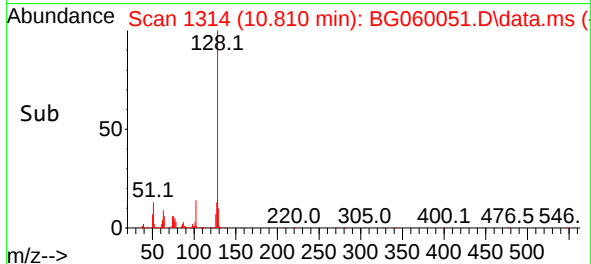
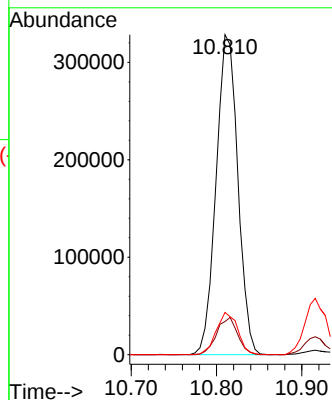
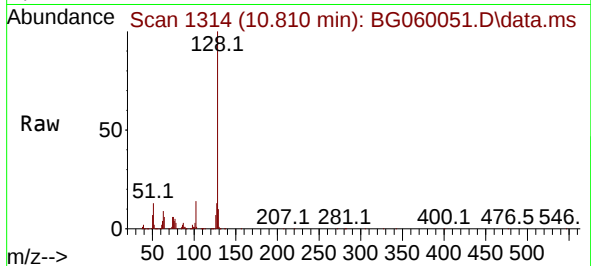




#31
Naphthalene
Concen: 39.361 ng
RT: 10.810 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

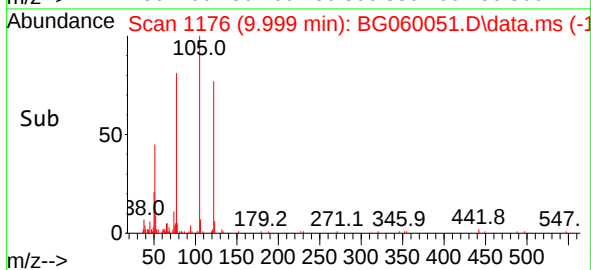
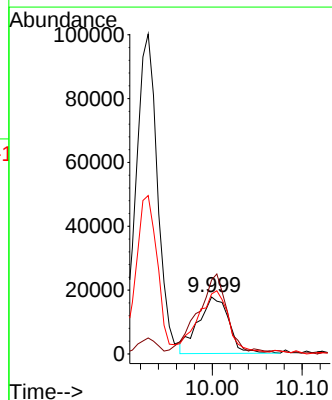
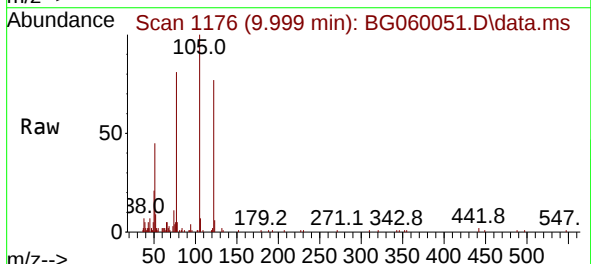
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

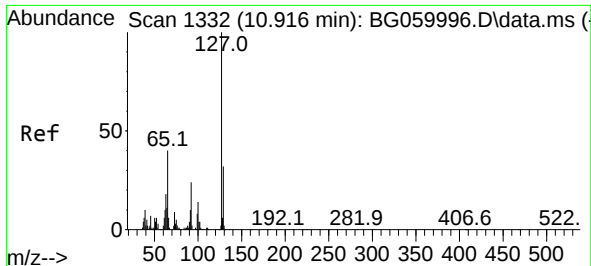
Tgt Ion:128 Resp: 581523
Ion Ratio Lower Upper
128 100
129 10.4 9.2 13.8
127 13.2 9.7 14.5



#32
Benzoic acid
Concen: 14.424 ng
RT: 9.999 min Scan# 1176
Delta R.T. -0.047 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:122 Resp: 41969
Ion Ratio Lower Upper
122 100
105 129.9 106.2 146.2
77 105.4 80.4 120.4

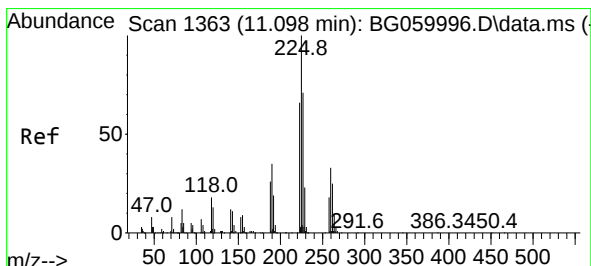
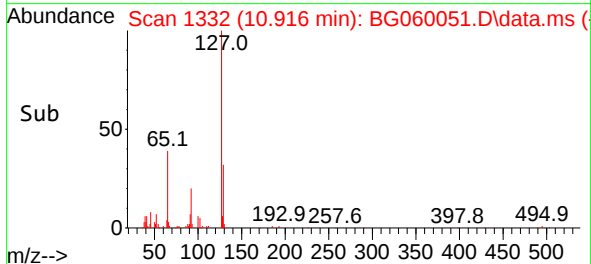
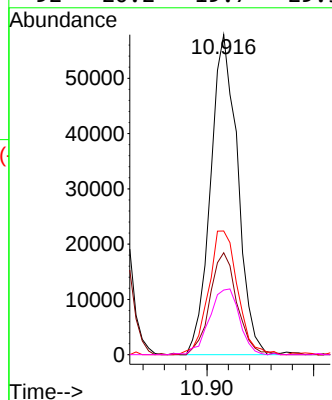
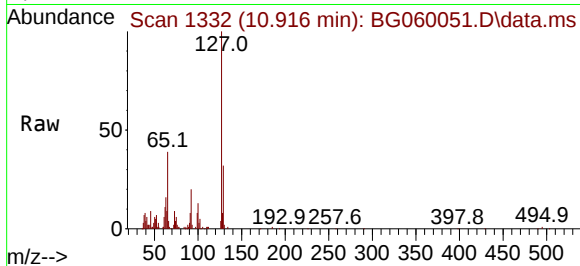




#33
4-Chloroaniline
Concen: 18.085 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

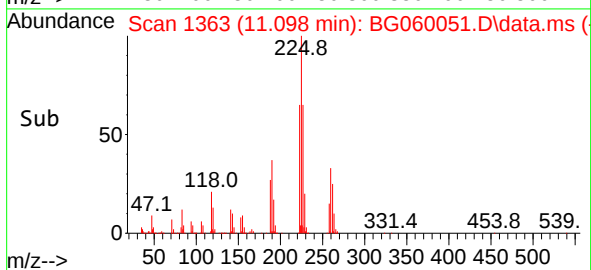
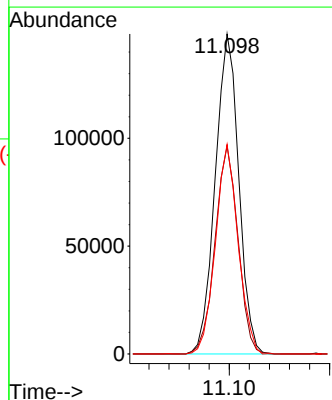
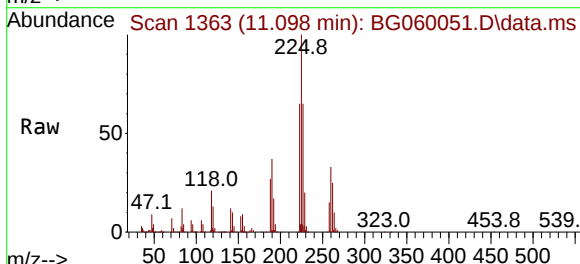
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

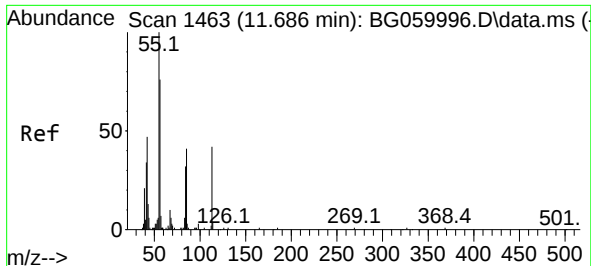
Tgt Ion:	127	Resp:	101664
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	38.7	32.3	48.5
92	20.2	19.7	29.5



#34
Hexachlorobutadiene
Concen: 33.893 ng
RT: 11.098 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:	225	Resp:	241234
Ion	Ratio	Lower	Upper
225	100		
223	65.0	52.4	78.6
227	65.4	56.6	85.0

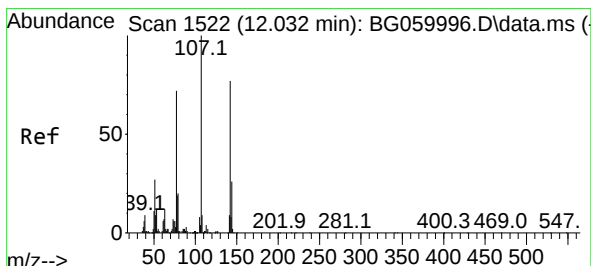
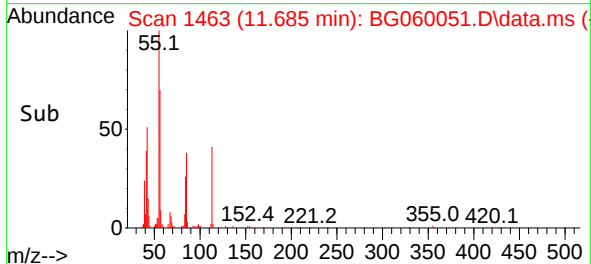
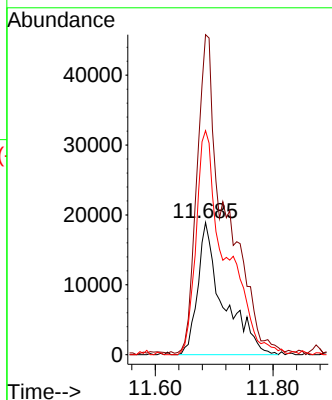
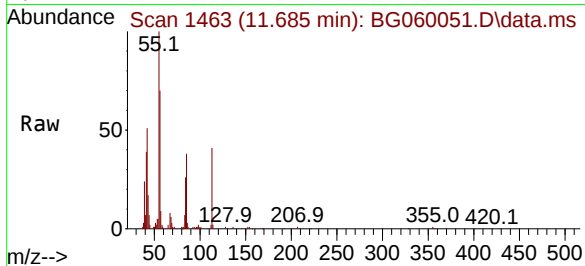




#35
Caprolactam
Concen: 39.020 ng
RT: 11.685 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

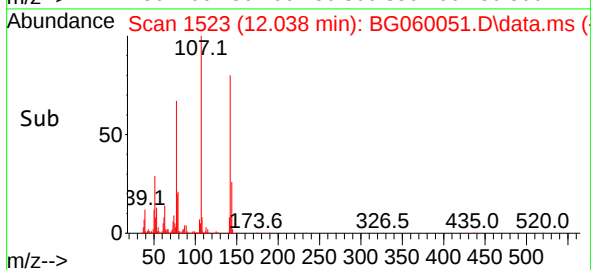
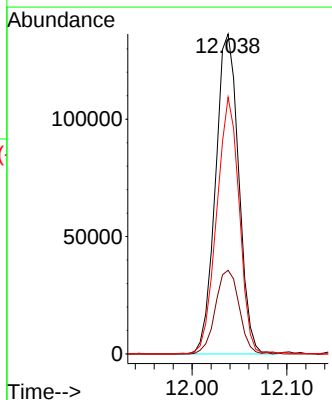
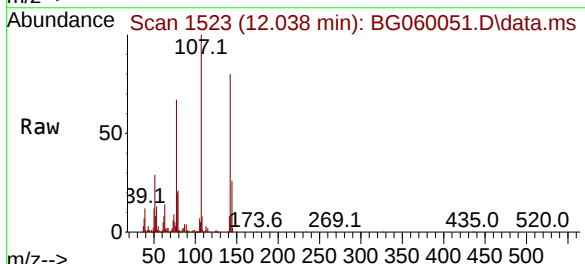
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

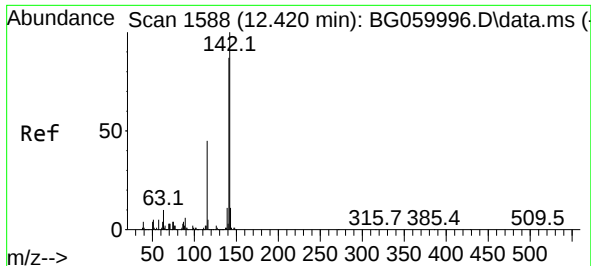
Tgt Ion:113 Resp: 56947
Ion Ratio Lower Upper
113 100
55 242.2 219.5 259.5
56 169.6 161.6 201.6



#36
4-Chloro-3-methylphenol
Concen: 44.406 ng
RT: 12.038 min Scan# 1523
Delta R.T. 0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:107 Resp: 232018
Ion Ratio Lower Upper
107 100
144 26.1 20.4 30.6
142 80.2 61.4 92.0

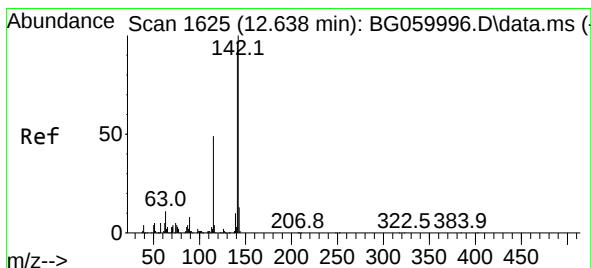
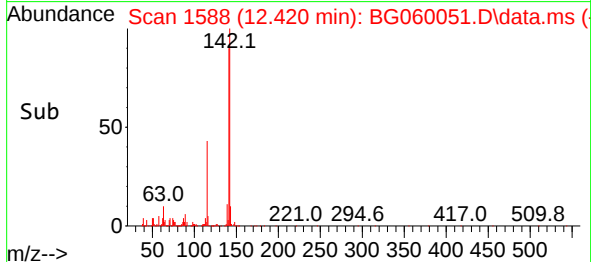
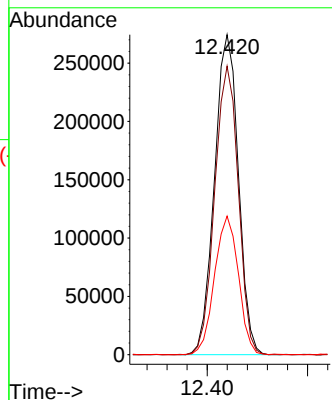
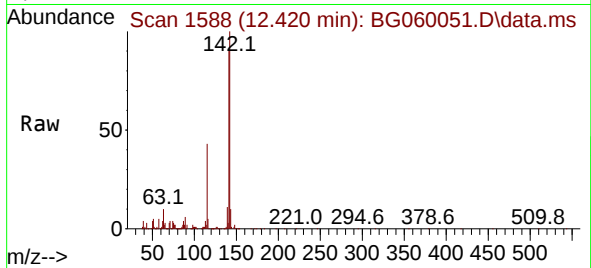




#37
2-Methylnaphthalene
Concen: 39.192 ng
RT: 12.420 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

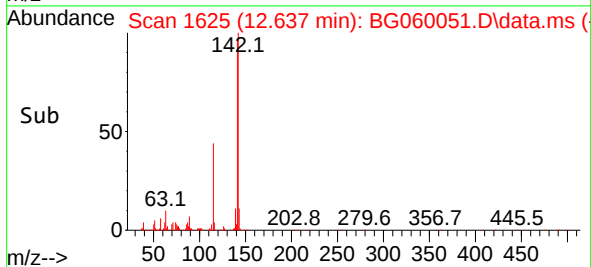
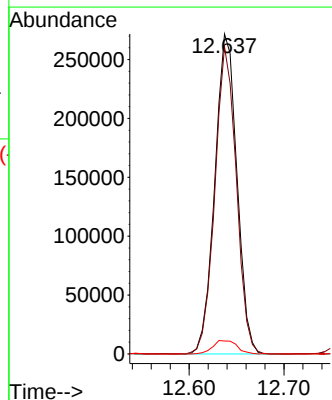
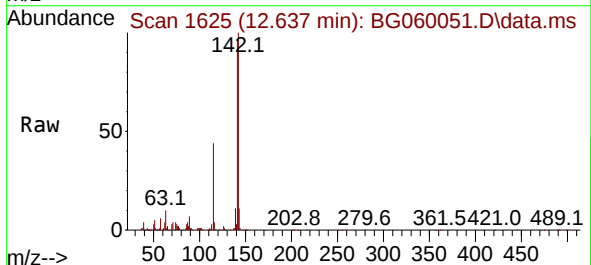
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

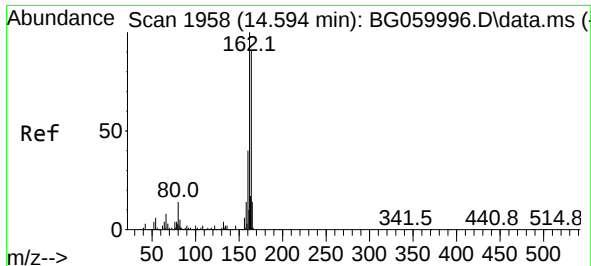
Tgt Ion:142 Resp: 454138
Ion Ratio Lower Upper
142 100
141 90.2 69.9 104.9
115 43.3 36.1 54.1



#38
1-Methylnaphthalene
Concen: 38.505 ng
RT: 12.637 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:142 Resp: 440740
Ion Ratio Lower Upper
142 100
141 96.0 76.9 115.3
116 4.1 3.5 5.3

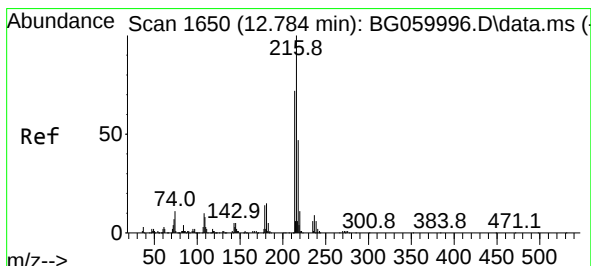
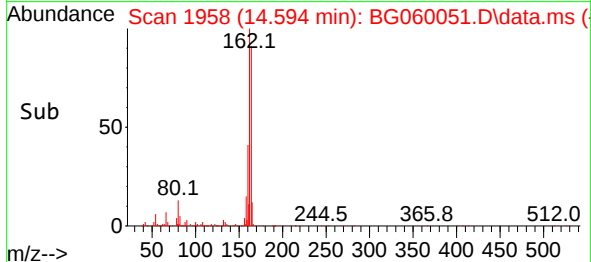
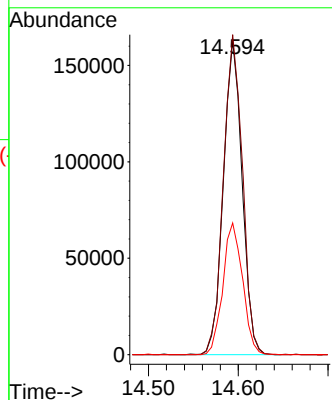
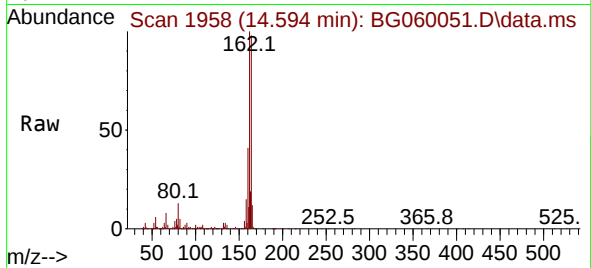




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.594 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

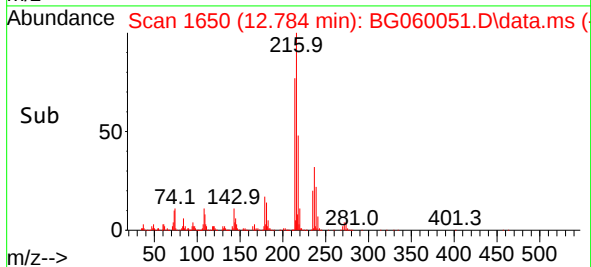
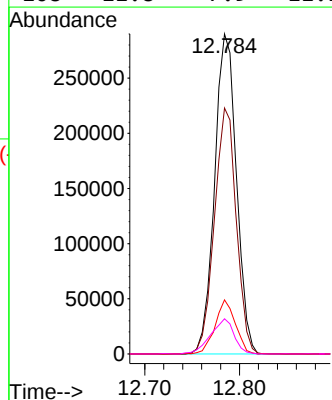
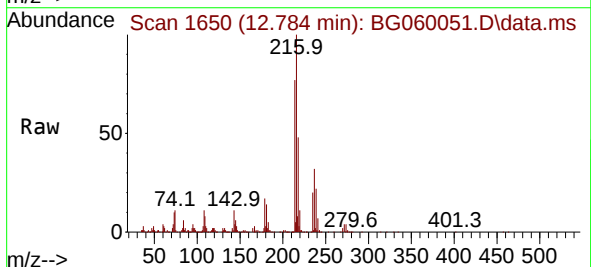
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

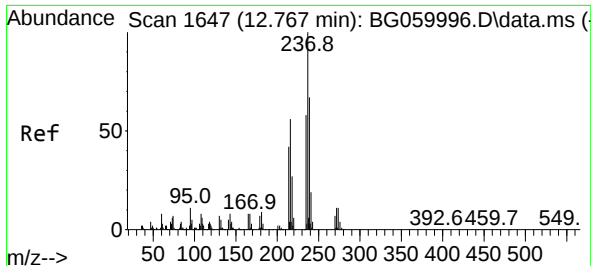
Tgt Ion:164 Resp: 236203
Ion Ratio Lower Upper
164 100
162 101.8 88.1 132.1
160 41.9 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.767 ng
RT: 12.784 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:216 Resp: 465059
Ion Ratio Lower Upper
216 100
214 76.7 60.3 90.5
179 15.8 11.9 17.9
108 11.8 7.9 11.9

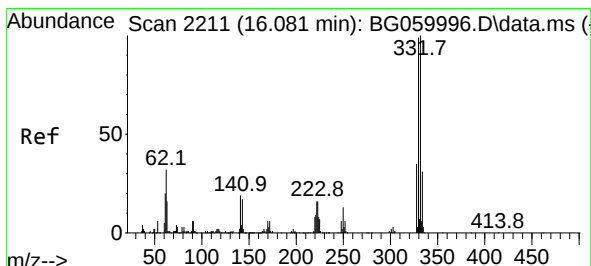
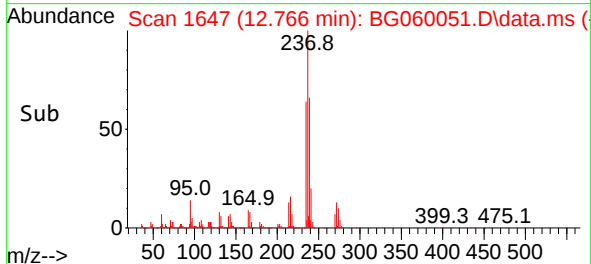
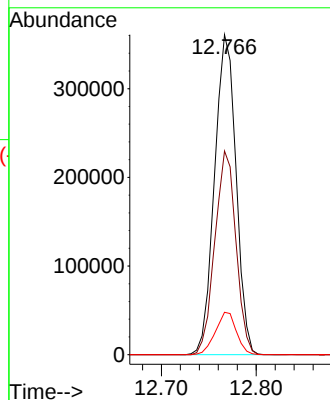
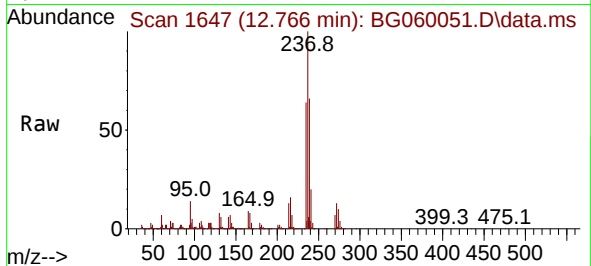




#41
Hexachlorocyclopentadiene
Concen: 111.616 ng
RT: 12.766 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

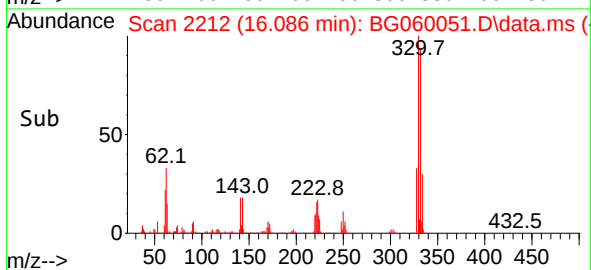
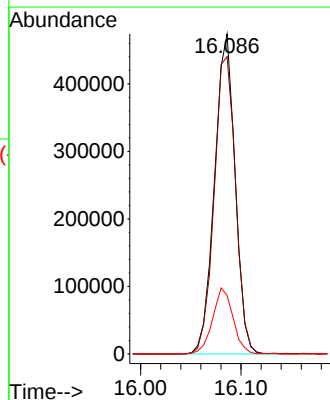
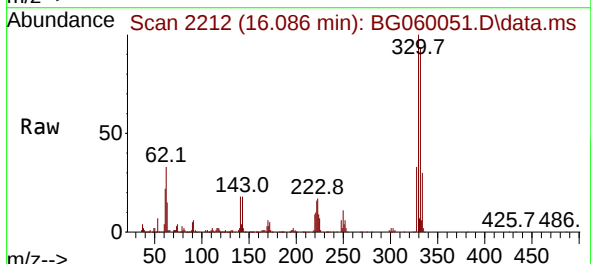
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

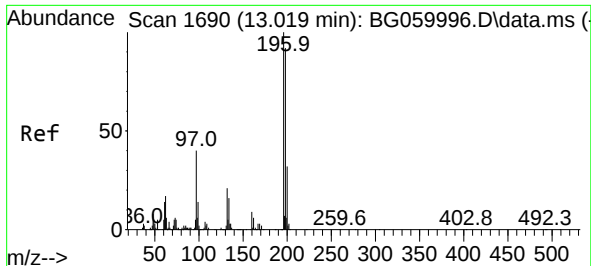
Tgt Ion:237 Resp: 567875
Ion Ratio Lower Upper
237 100
235 63.7 38.5 78.5
272 13.3 0.0 31.2



#42
2,4,6-Tribromophenol
Concen: 122.460 ng
RT: 16.086 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:330 Resp: 674094
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 20.6 14.3 21.5

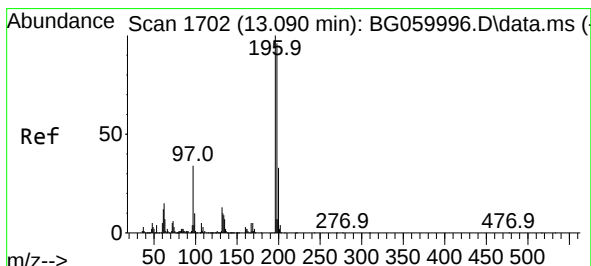
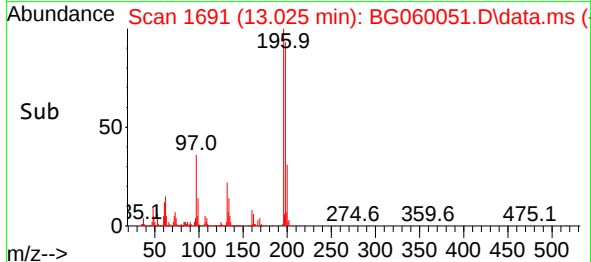
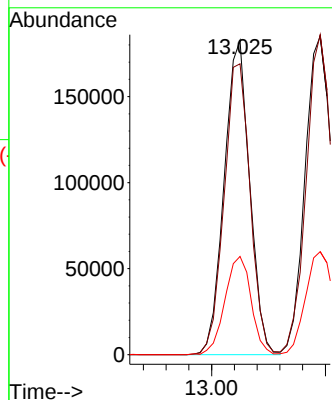
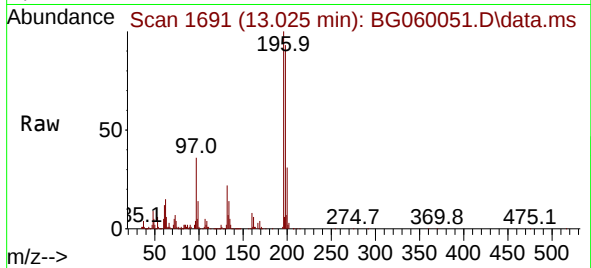




#43
2,4,6-Trichlorophenol
Concen: 41.157 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

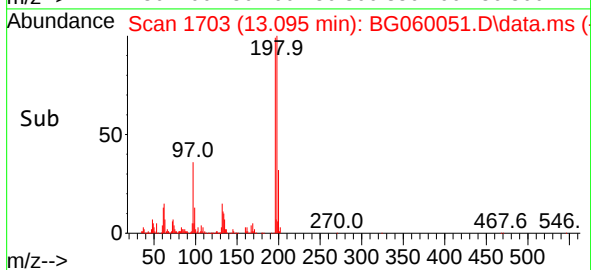
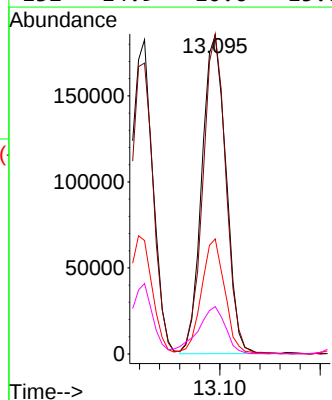
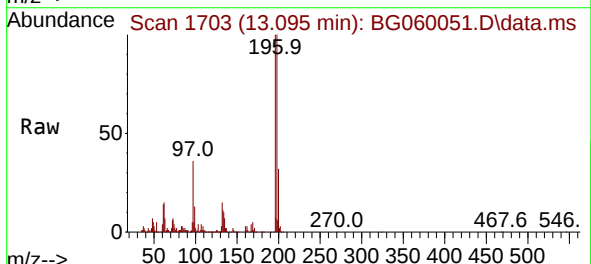
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

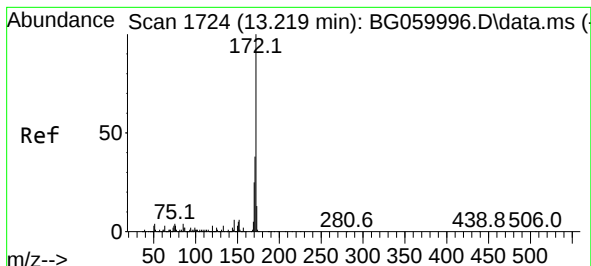
Tgt Ion:196 Resp: 284162
Ion Ratio Lower Upper
196 100
198 92.6 73.4 110.0
200 31.3 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 41.136 ng
RT: 13.095 min Scan# 1703
Delta R.T. 0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:196 Resp: 308928
Ion Ratio Lower Upper
196 100
198 100.4 76.4 114.6
97 36.1 27.0 40.4
132 14.9 10.6 15.8





#45

2-Fluorobiphenyl

Concen: 78.783 ng

RT: 13.219 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

Instrument :

BNA_G

ClientSampleId :

597-P-2MSD

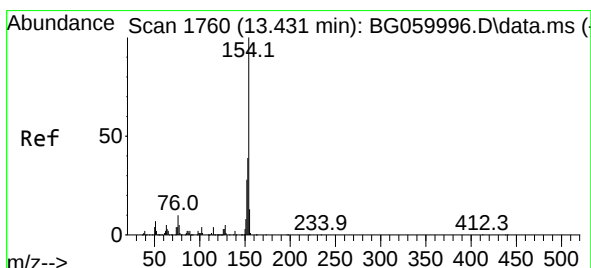
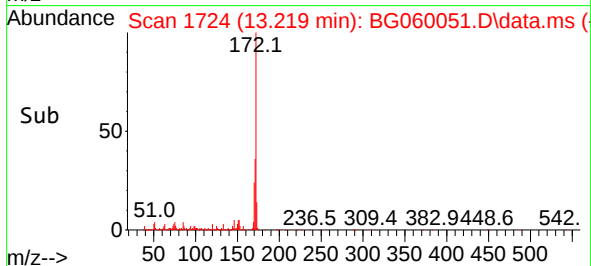
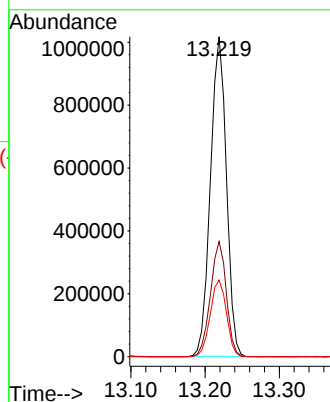
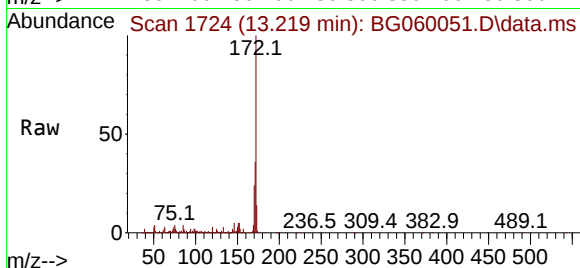
Tgt Ion:172 Resp: 1520445

Ion Ratio Lower Upper

172 100

171 36.0 30.1 45.1

170 24.0 20.0 30.0



#46

1,1'-Biphenyl

Concen: 41.599 ng

RT: 13.430 min Scan# 1760

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

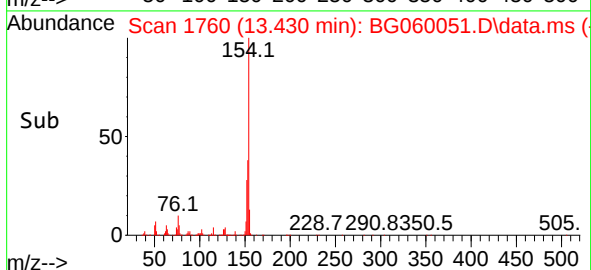
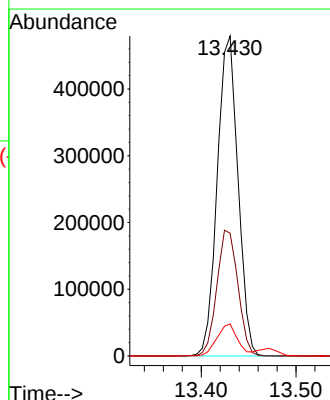
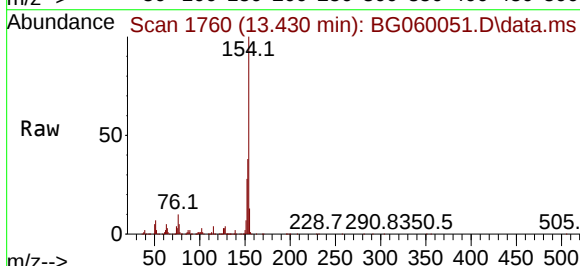
Tgt Ion:154 Resp: 728688

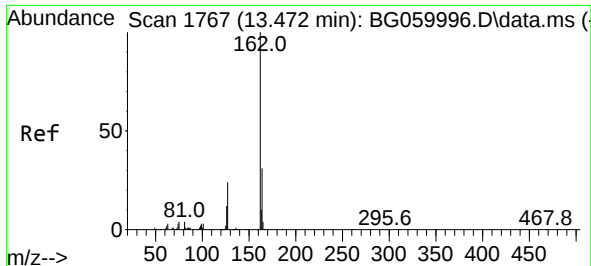
Ion Ratio Lower Upper

154 100

153 38.4 19.2 59.2

76 10.0 0.0 29.9

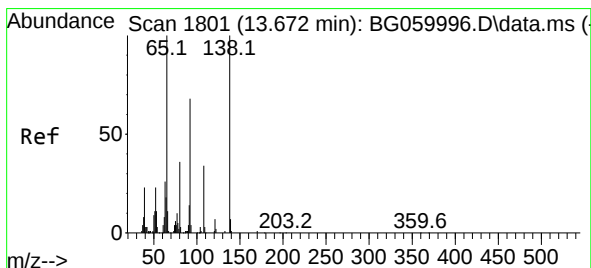
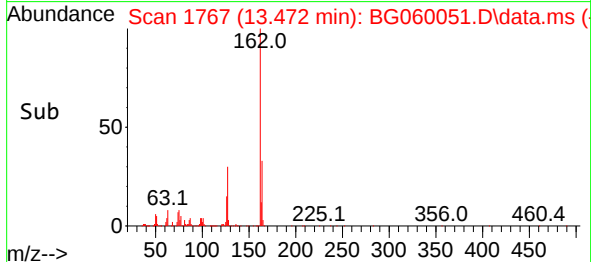
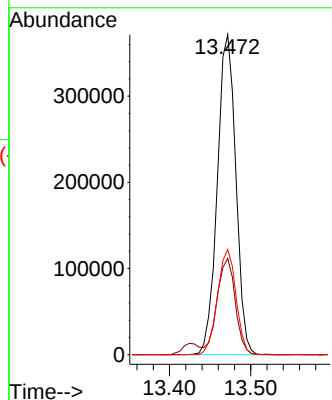
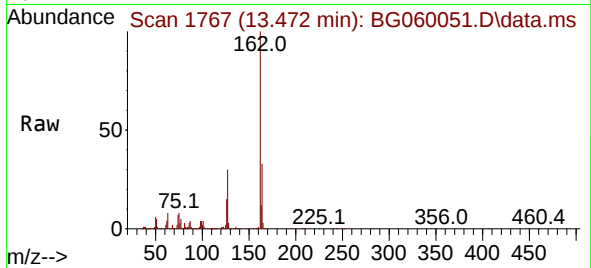




#47
2-Chloronaphthalene
Concen: 38.766 ng
RT: 13.472 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

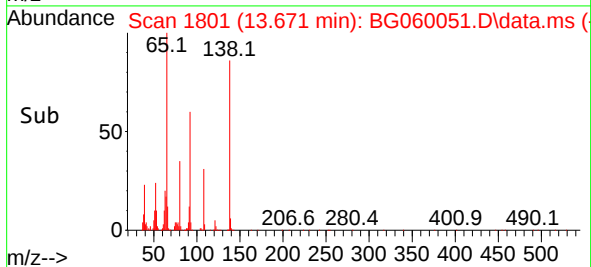
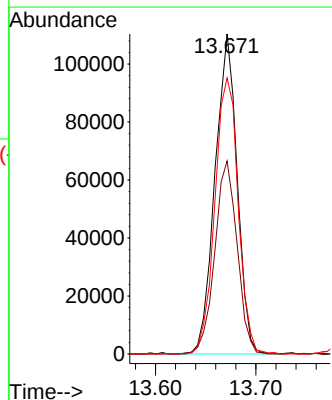
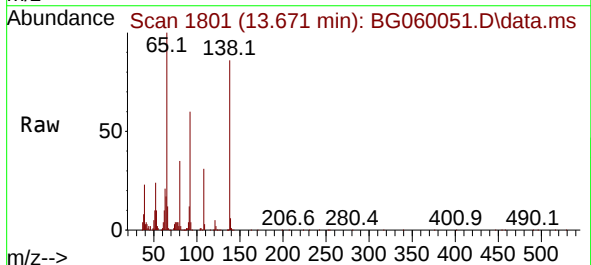
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

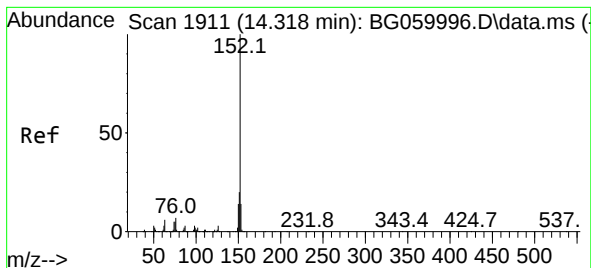
Tgt Ion:162 Resp: 588089
Ion Ratio Lower Upper
162 100
127 30.1 21.8 32.6
164 32.9 25.2 37.8



#48
2-Nitroaniline
Concen: 51.557 ng
RT: 13.671 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion: 65 Resp: 168839
Ion Ratio Lower Upper
65 100
92 60.3 54.6 81.8
138 86.3 80.2 120.2





#49

Acenaphthylene

Concen: 44.678 ng

RT: 14.318 min Scan# 1911

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

Instrument :

BNA_G

ClientSampleId :

597-P-2MSD

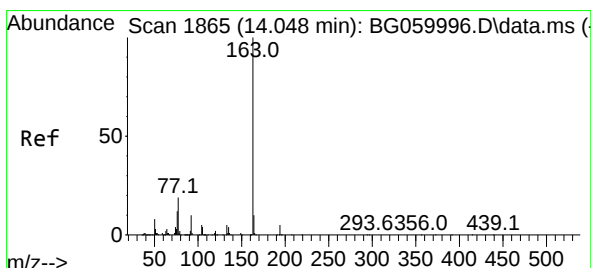
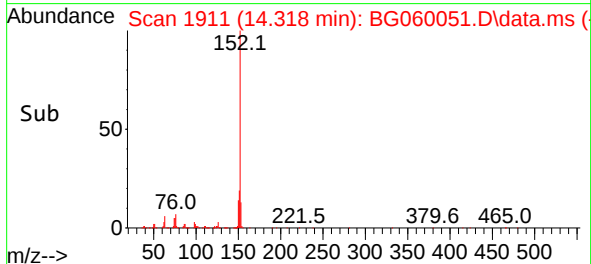
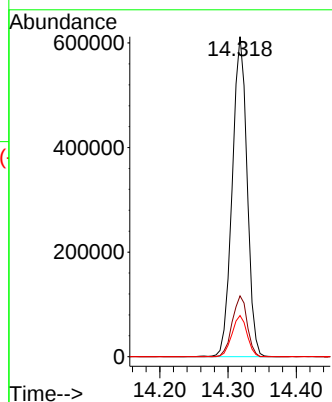
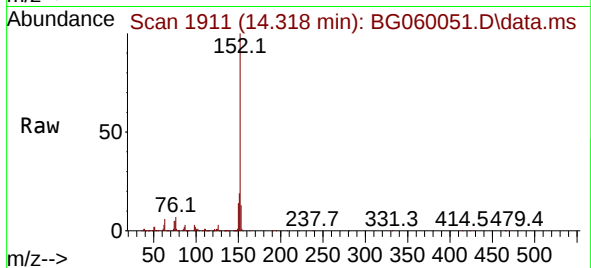
Tgt Ion:152 Resp: 927133

Ion Ratio Lower Upper

152 100

151 19.0 15.8 23.8

153 12.9 11.0 16.4



#50

Dimethylphthalate

Concen: 42.166 ng

RT: 14.053 min Scan# 1866

Delta R.T. 0.006 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

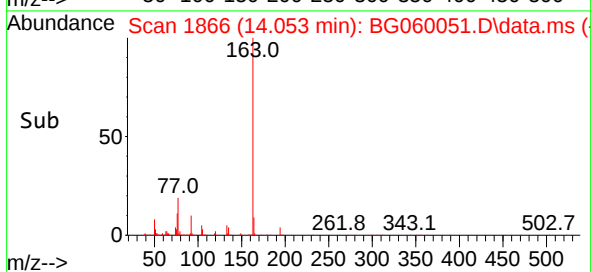
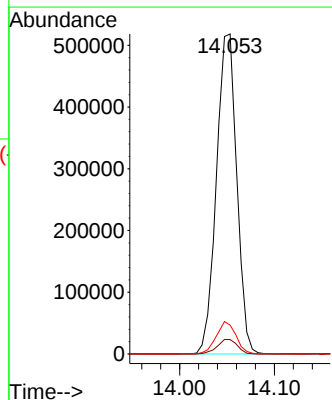
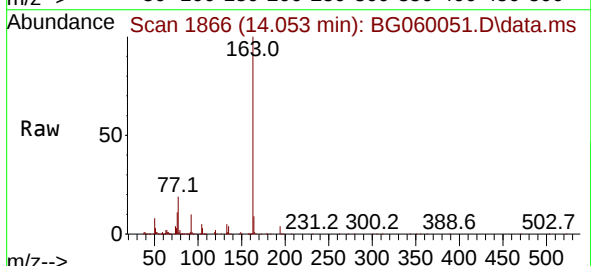
Tgt Ion:163 Resp: 773085

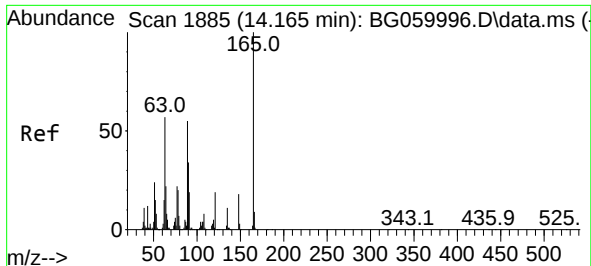
Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

164 9.0 8.2 12.4

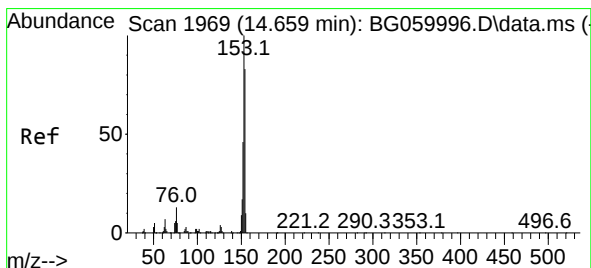
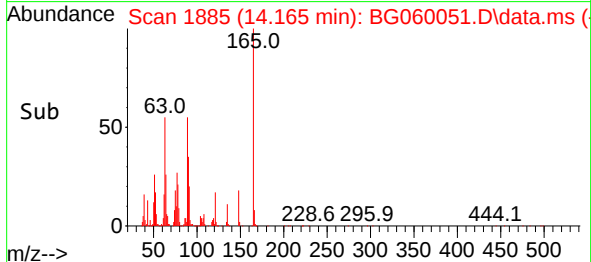
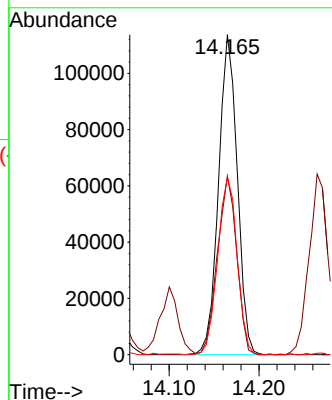
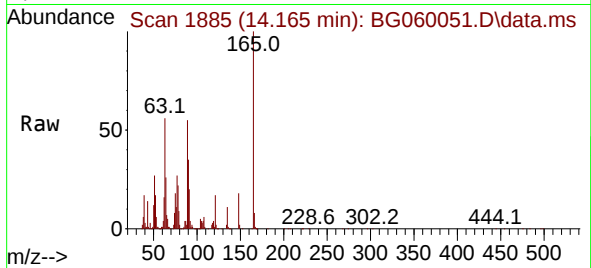




#51
2,6-Dinitrotoluene
Concen: 43.297 ng
RT: 14.165 min Scan# 1885
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

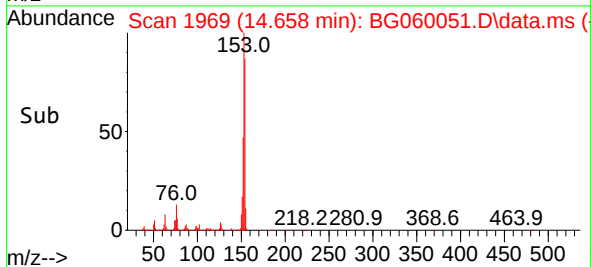
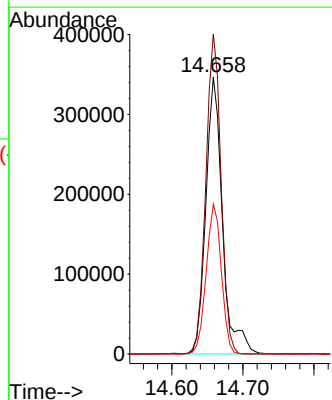
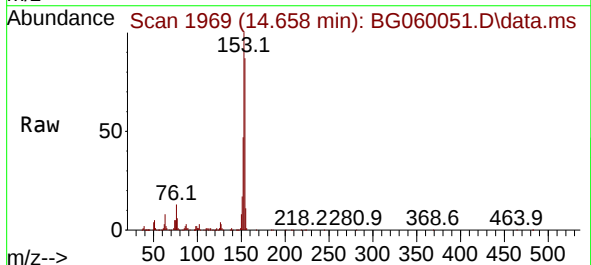
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

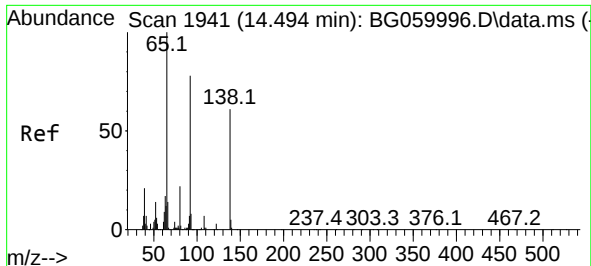
Tgt Ion:165 Resp: 164439
Ion Ratio Lower Upper
165 100
63 55.8 48.2 72.2
89 55.4 44.4 66.6



#52
Acenaphthene
Concen: 39.478 ng
RT: 14.658 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:154 Resp: 563917
Ion Ratio Lower Upper
154 100
153 115.5 96.0 144.0
152 54.1 44.3 66.5

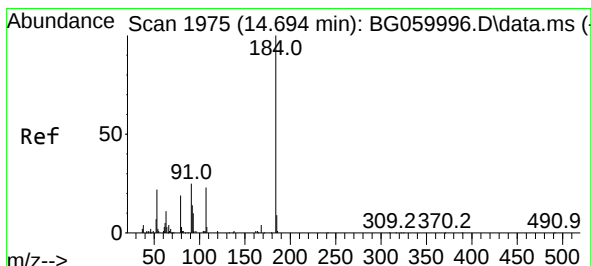
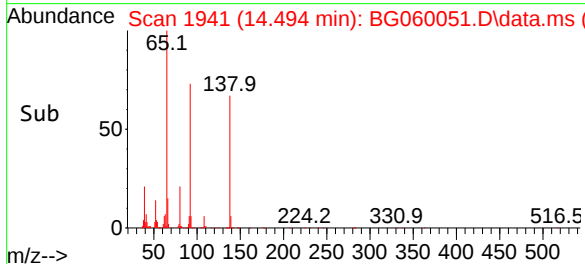
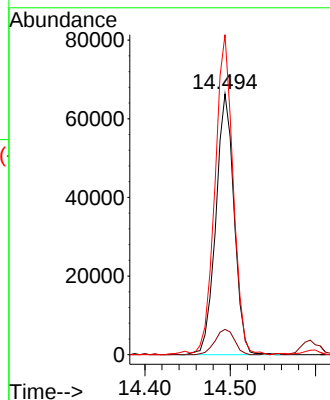
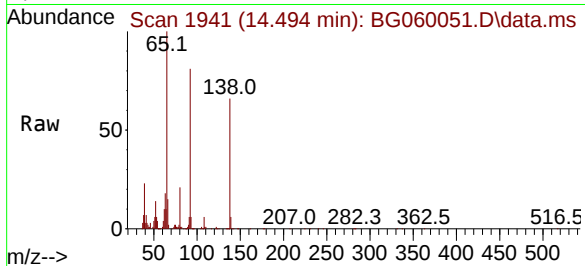




#53
3-Nitroaniline
Concen: 32.432 ng
RT: 14.494 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

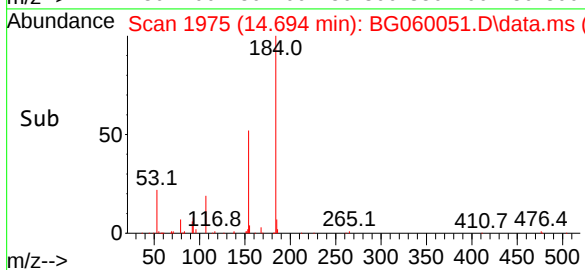
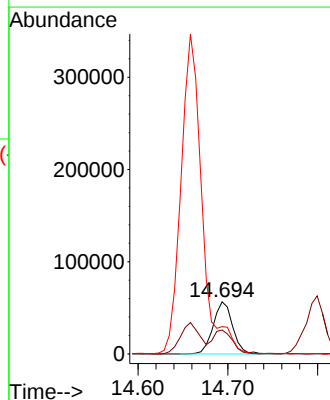
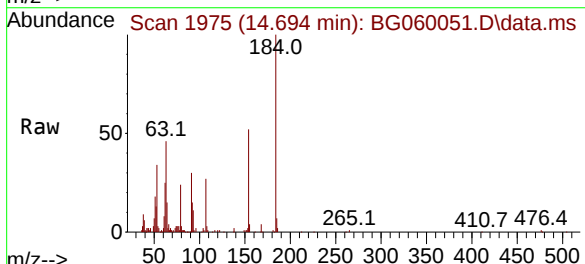
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

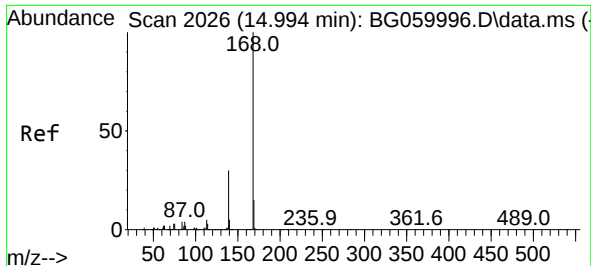
Tgt Ion:138 Resp: 98426
Ion Ratio Lower Upper
138 100
108 9.7 8.9 13.3
92 122.7 102.1 153.1



#54
2,4-Dinitrophenol
Concen: 30.585 ng
RT: 14.694 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:184 Resp: 85584
Ion Ratio Lower Upper
184 100
63 46.0 35.5 53.3
154 52.4 36.7 55.1

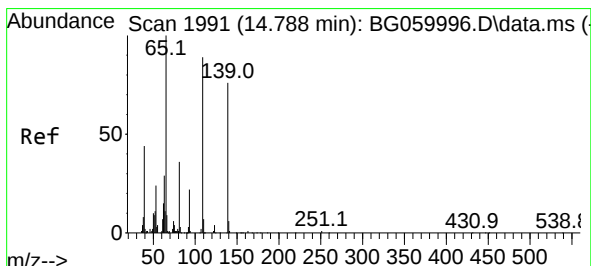
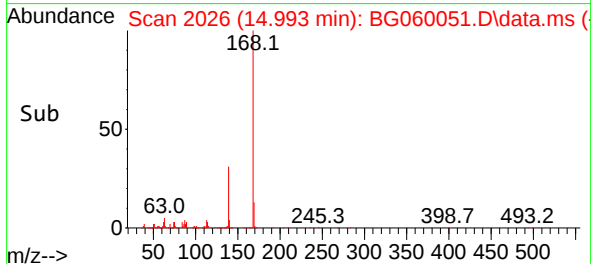
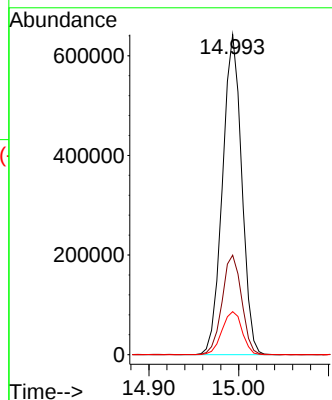
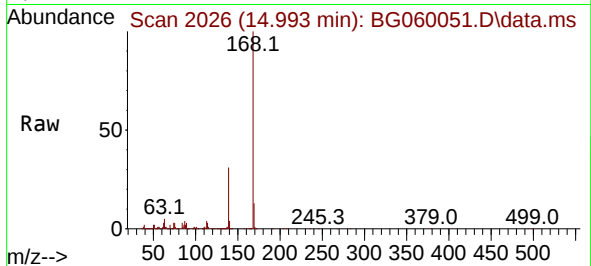




#55
Dibenzenofuran
Concen: 41.010 ng
RT: 14.993 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

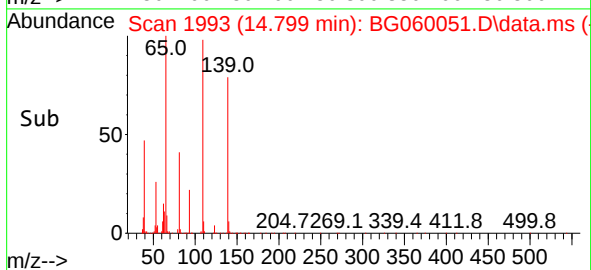
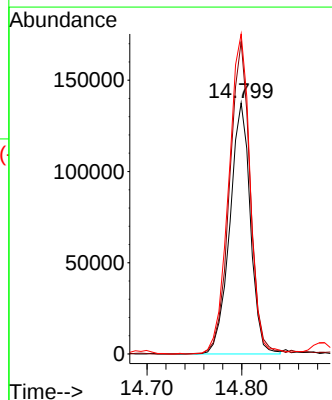
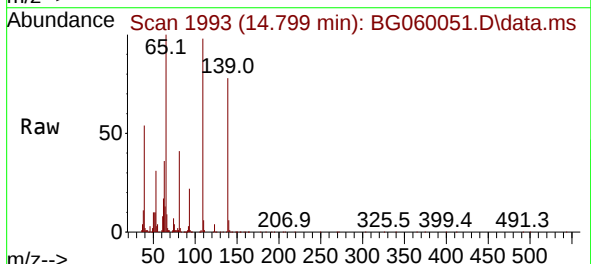
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

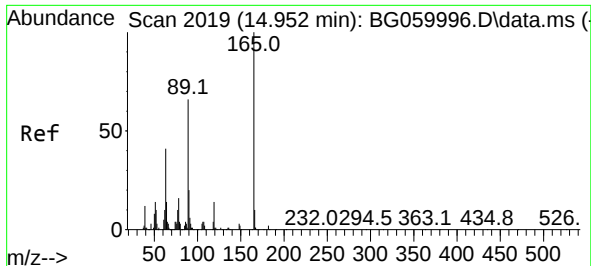
Tgt Ion:168 Resp: 953484
Ion Ratio Lower Upper
168 100
139 31.1 24.0 36.0
169 13.4 11.8 17.8



#56
4-Nitrophenol
Concen: 80.982 ng
RT: 14.799 min Scan# 1993
Delta R.T. 0.011 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:139 Resp: 206557
Ion Ratio Lower Upper
139 100
109 124.4 97.2 137.2
65 127.4 112.2 152.2

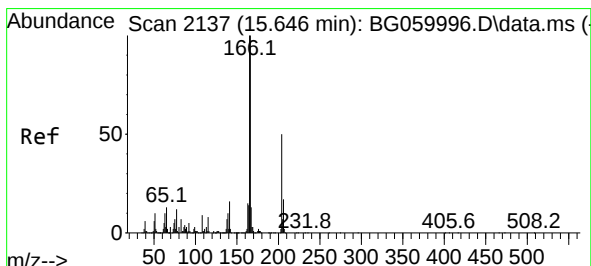
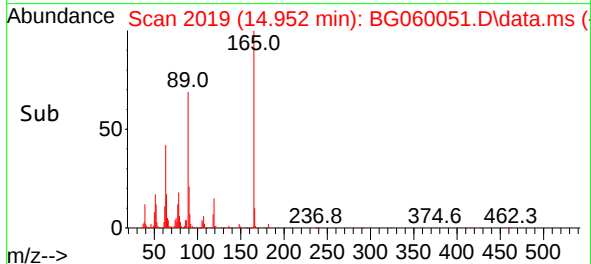
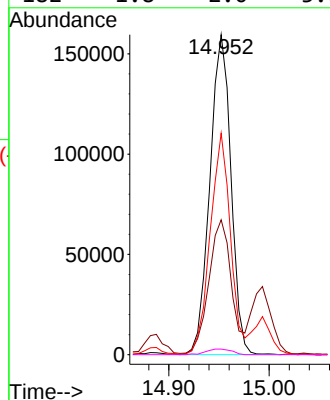
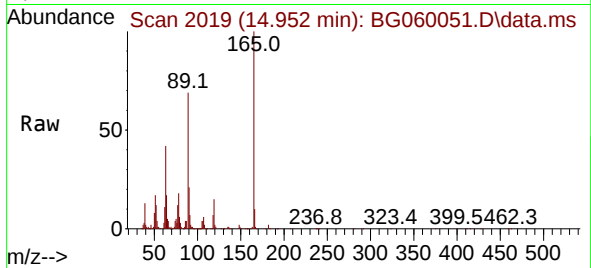




#57
2,4-Dinitrotoluene
Concen: 43.577 ng
RT: 14.952 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

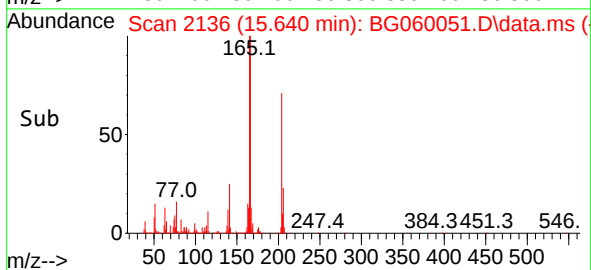
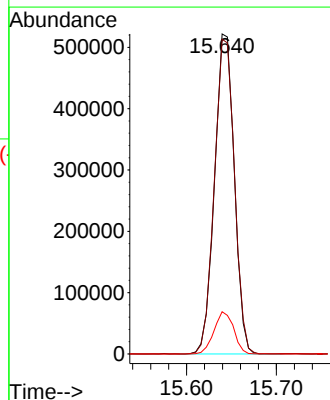
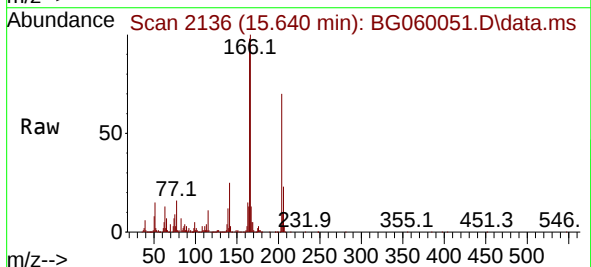
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

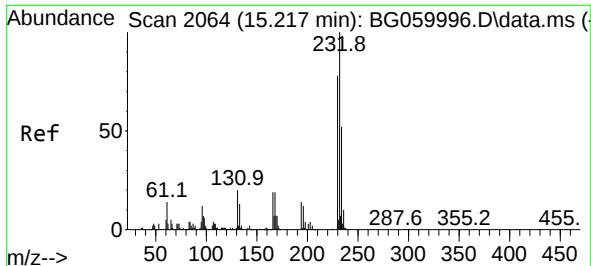
Tgt Ion:165 Resp: 232652
Ion Ratio Lower Upper
165 100
63 42.1 32.8 49.2
89 69.2 53.0 79.6
182 1.8 2.0 3.0#



#58
Fluorene
Concen: 40.548 ng
RT: 15.640 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:166 Resp: 794967
Ion Ratio Lower Upper
166 100
165 98.3 80.2 120.2
167 13.2 10.3 15.5

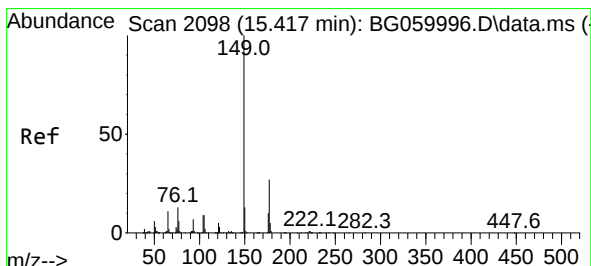
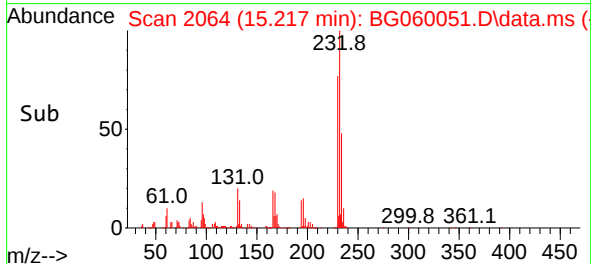
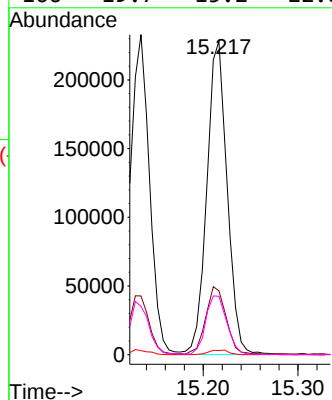
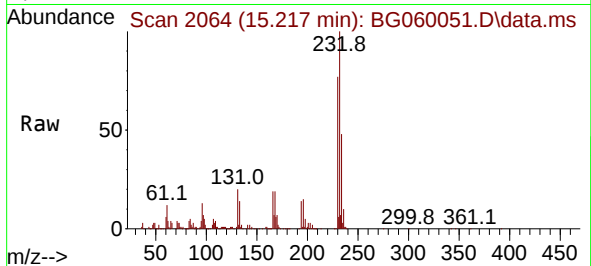




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.294 ng
RT: 15.217 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

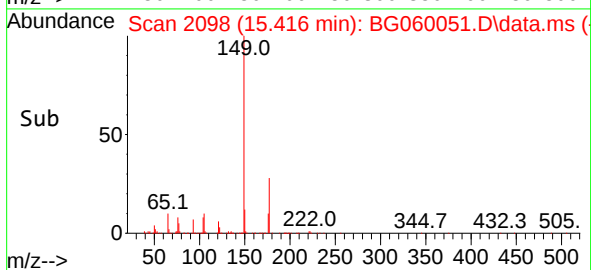
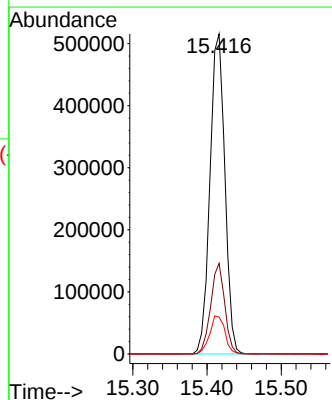
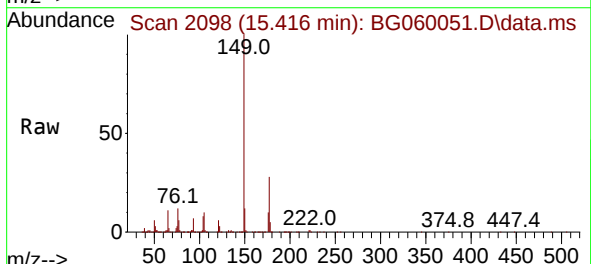
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

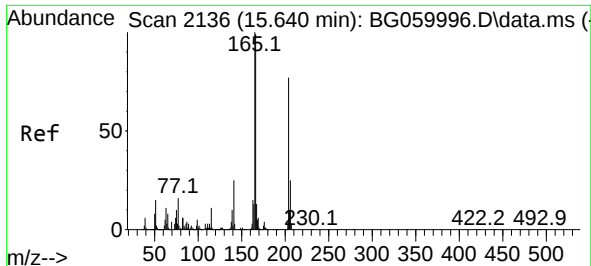
Tgt Ion:232	Resp:	338449
Ion Ratio	Lower	Upper
232	100	
131	22.2	17.6 26.4
130	1.4	1.0 1.6
166	19.7	15.2 22.8



#60
Diethylphthalate
Concen: 42.584 ng
RT: 15.416 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:149	Resp:	718369
Ion Ratio	Lower	Upper
149	100	
177	28.3	21.5 32.3
150	11.5	10.3 15.5

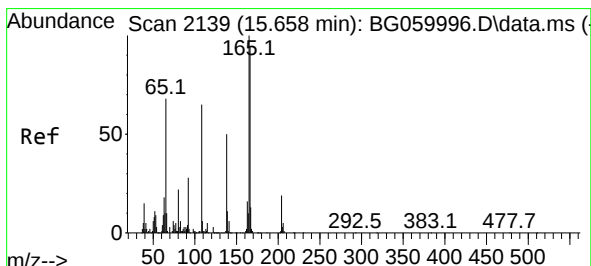
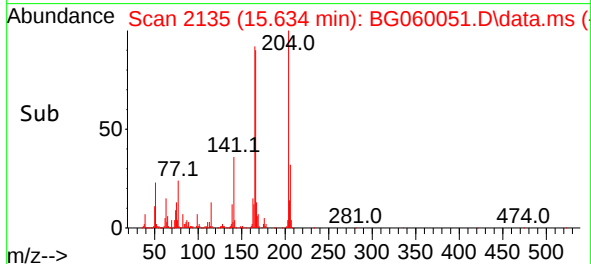
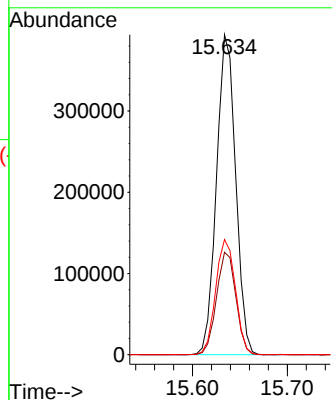
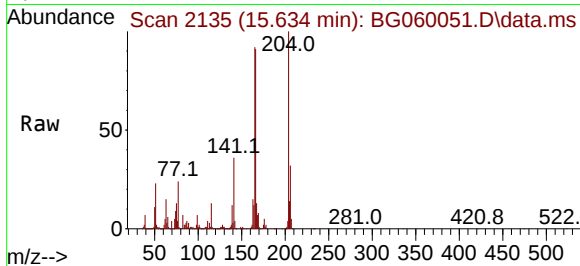




#61
4-Chlorophenyl-phenylether
Concen: 39.248 ng
RT: 15.634 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

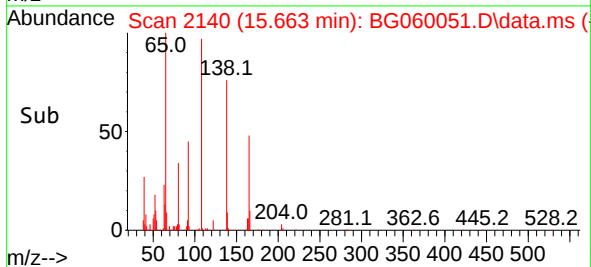
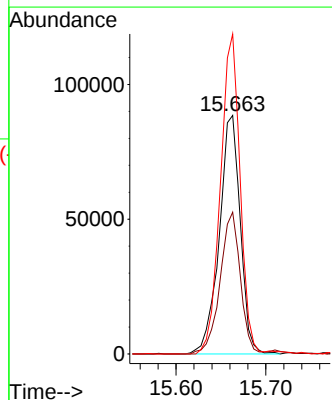
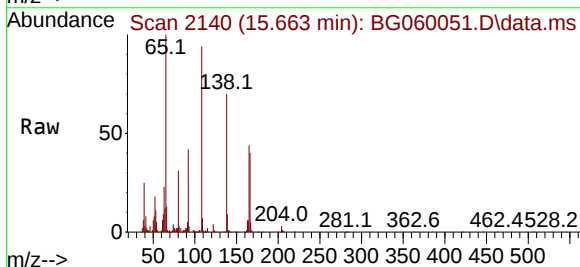
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

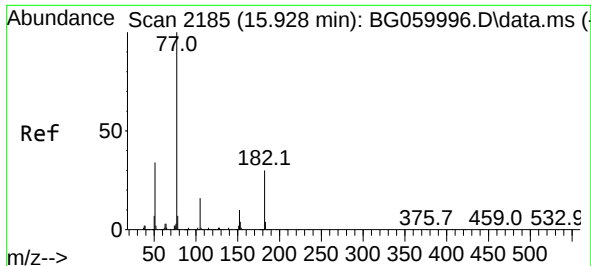
Tgt Ion:204 Resp: 554171
Ion Ratio Lower Upper
204 100
206 32.0 25.9 38.9
141 36.0 25.6 38.4



#62
4-Nitroaniline
Concen: 43.472 ng
RT: 15.663 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:138 Resp: 143664
Ion Ratio Lower Upper
138 100
92 59.4 36.3 76.3
108 134.2 109.3 149.3

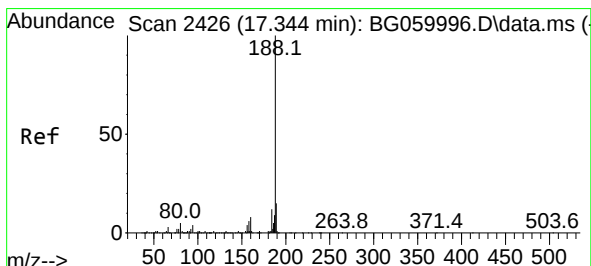
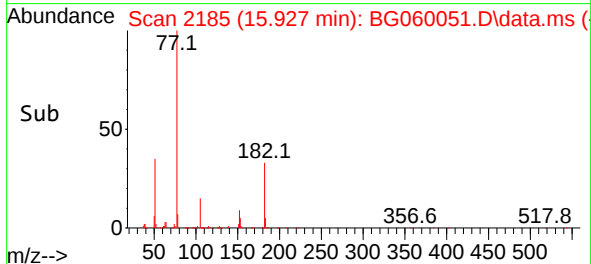
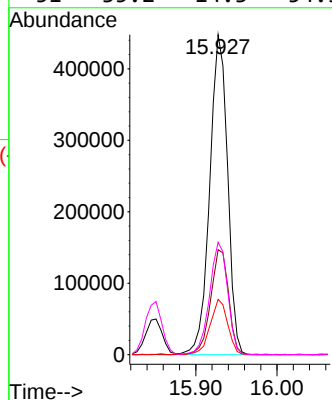
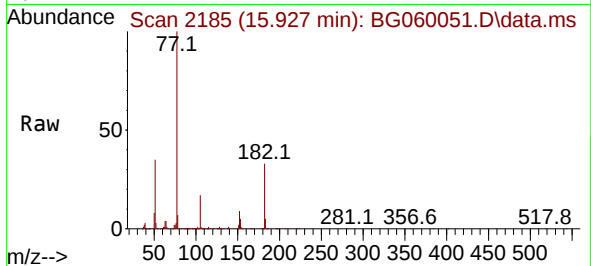




#63
Azobenzene
Concen: 41.019 ng
RT: 15.927 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

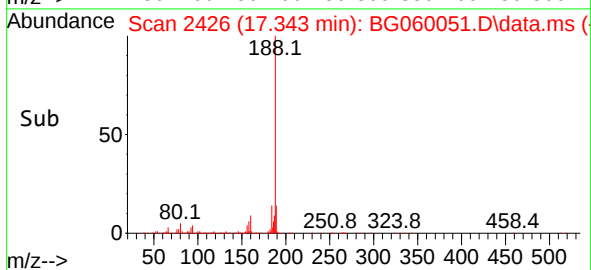
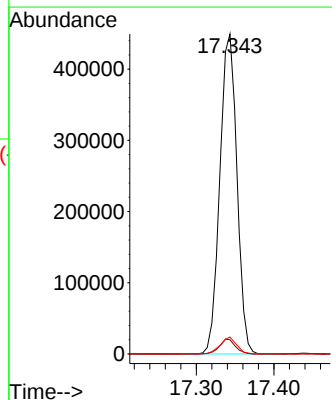
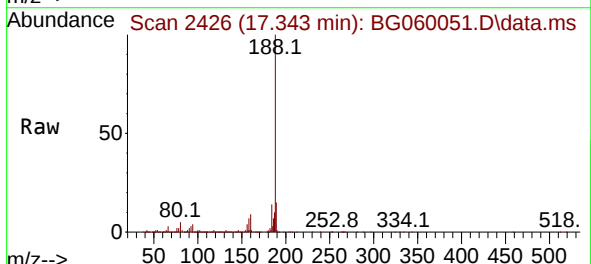
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

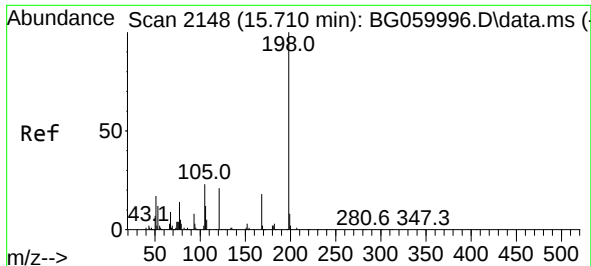
Tgt Ion: 77	Resp: 682242
Ion Ratio	Lower Upper
77 100	
182 32.8	10.2 50.2
105 17.3	0.0 36.5
51 35.2	14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.343 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:188	Resp: 687106
Ion Ratio	Lower Upper
188 100	
94 4.4	3.0 4.6
80 5.3	4.0 6.0

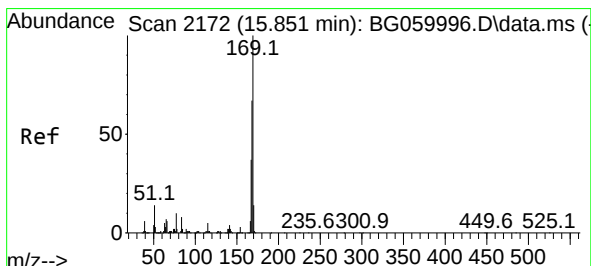
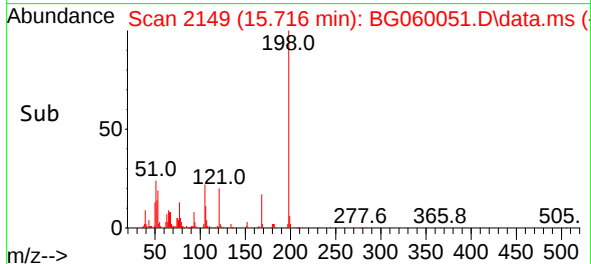
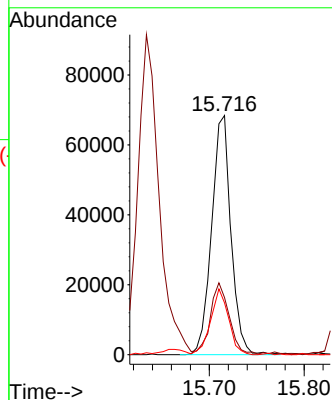
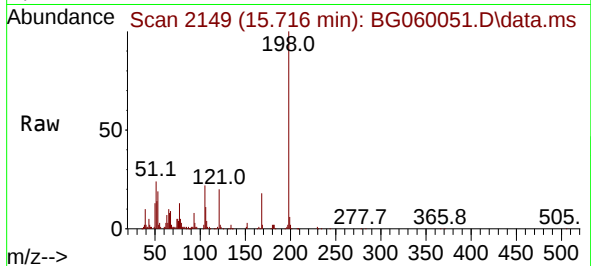




#65
4,6-Dinitro-2-methylphenol
Concen: 22.461 ng
RT: 15.716 min Scan# 2148
Delta R.T. 0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

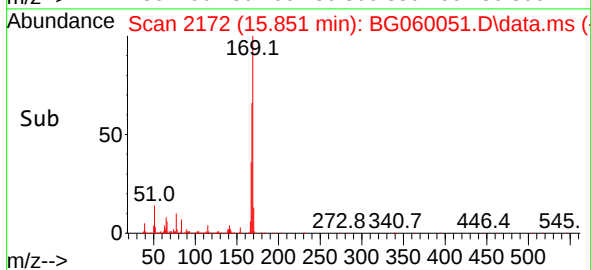
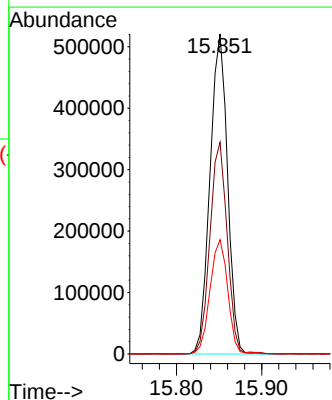
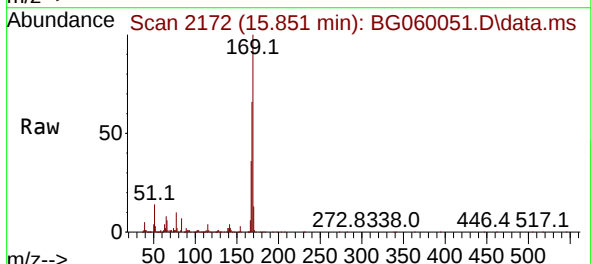
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

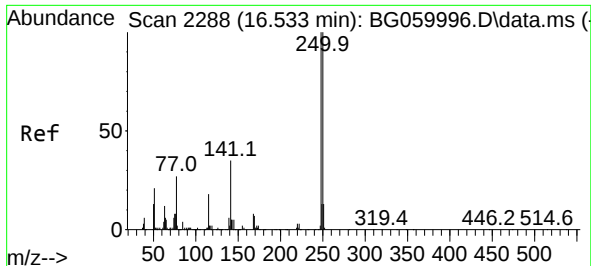
Tgt Ion:198 Resp: 96762
Ion Ratio Lower Upper
198 100
51 23.9 0.0 39.7
105 21.7 3.3 43.3



#66
n-Nitrosodiphenylamine
Concen: 44.290 ng
RT: 15.851 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:169 Resp: 743444
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 35.7 30.0 45.0

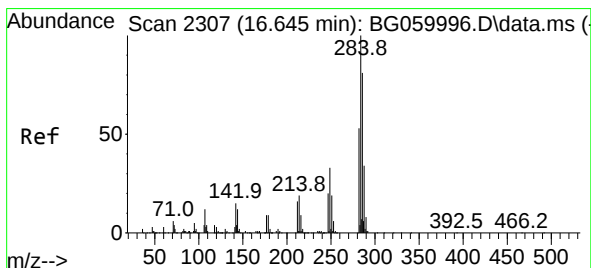
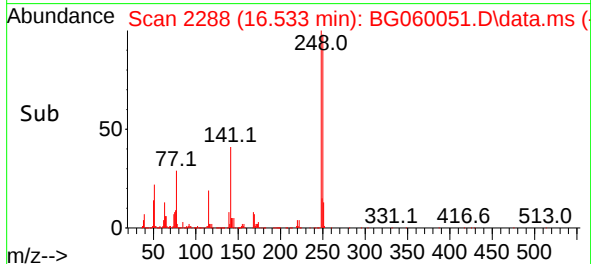
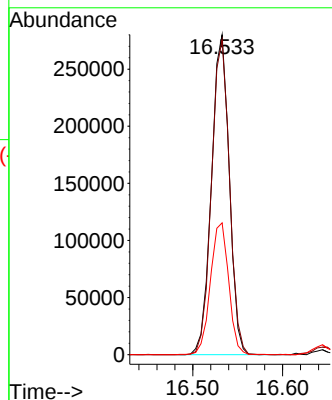
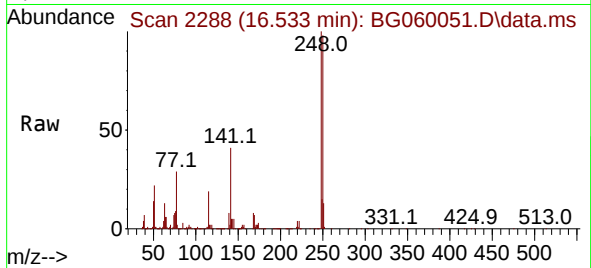




#67
4-Bromophenyl-phenylether
Concen: 39.709 ng
RT: 16.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

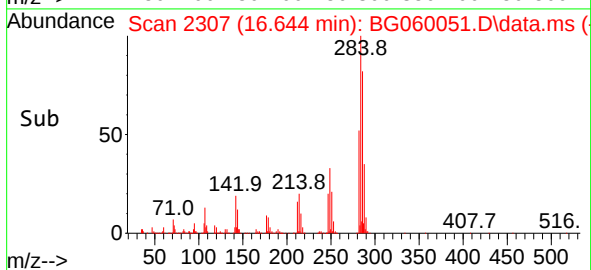
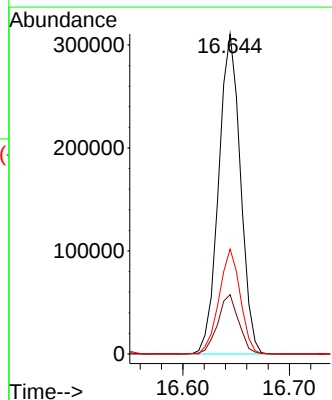
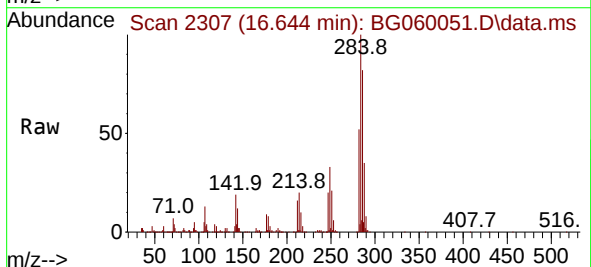
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

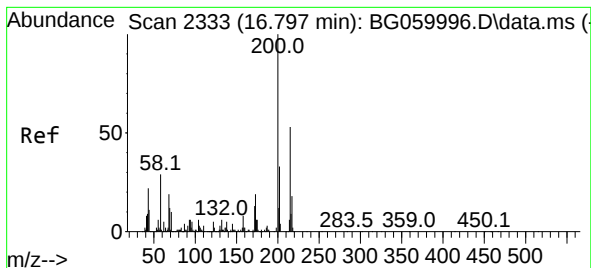
Tgt Ion:248 Resp: 384963
Ion Ratio Lower Upper
248 100
250 98.4 79.9 119.9
141 41.2 28.3 42.5



#68
Hexachlorobenzene
Concen: 38.795 ng
RT: 16.644 min Scan# 2307
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:284 Resp: 439668
Ion Ratio Lower Upper
284 100
142 18.5 11.7 17.5#
249 34.9 26.1 39.1





#69

Atrazine

Concen: Below Cal

RT: 16.797 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

Instrument :

BNA_G

ClientSampleId :

597-P-2MSD

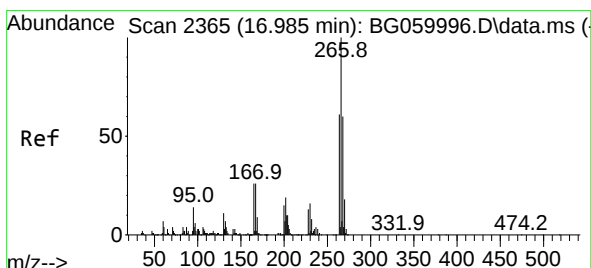
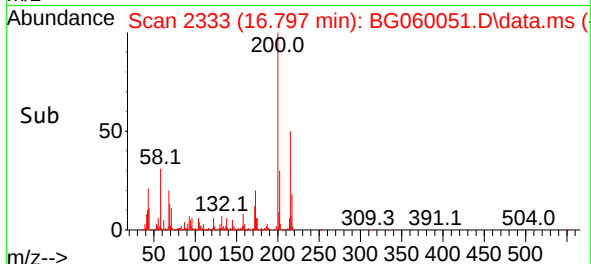
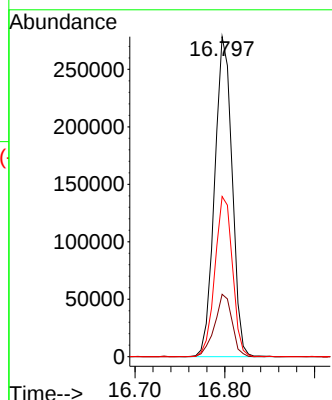
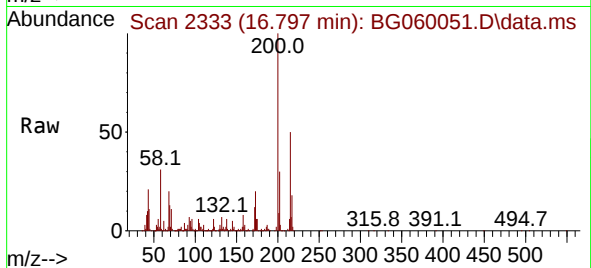
Tgt Ion:200 Resp: 376636

Ion Ratio Lower Upper

200 100

173 19.5 0.0 39.3

215 50.1 33.1 73.1



#70

Pentachlorophenol

Concen: 60.399 ng

RT: 16.985 min Scan# 2365

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

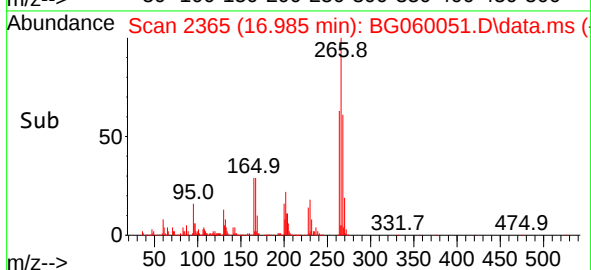
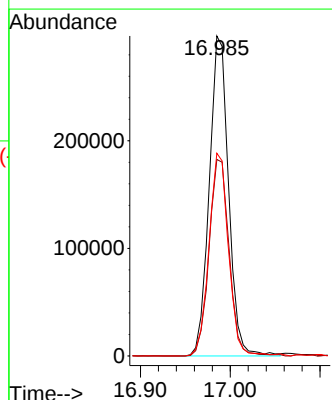
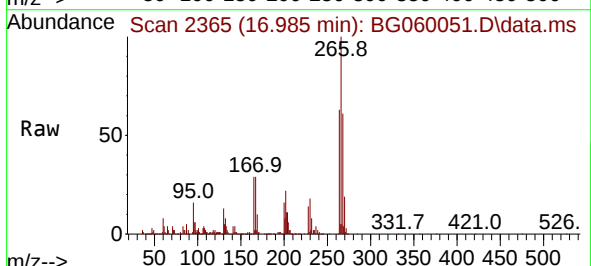
Tgt Ion:266 Resp: 443445

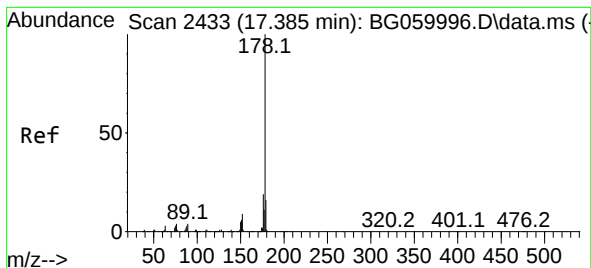
Ion Ratio Lower Upper

266 100

268 61.4 47.9 71.9

264 63.4 48.8 73.2

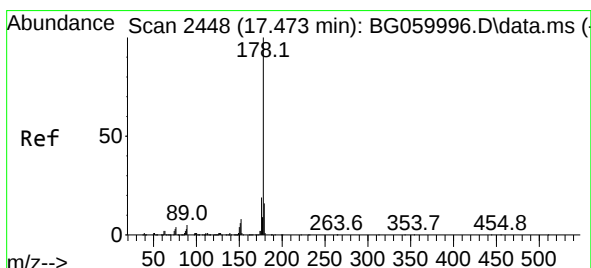
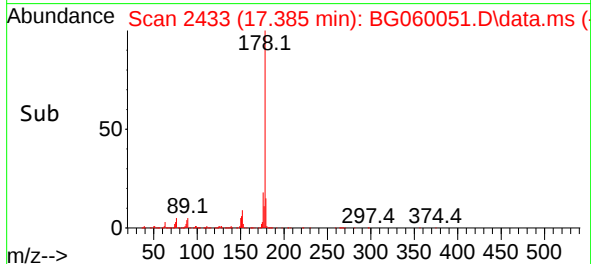
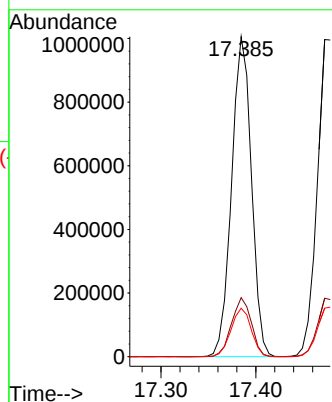
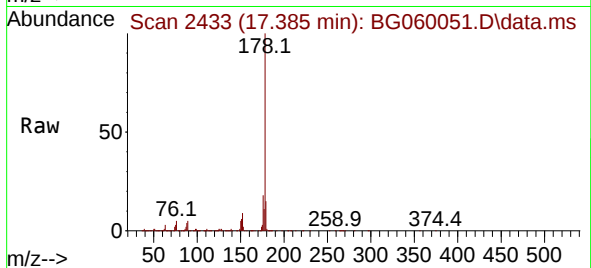




#71
Phenanthrene
Concen: 43.852 ng
RT: 17.385 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

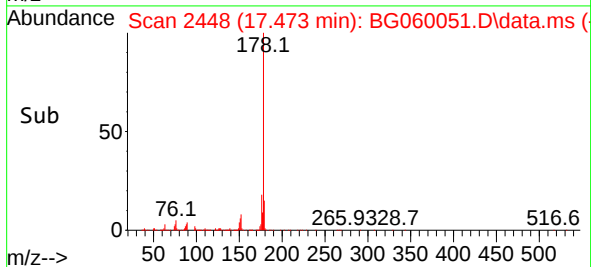
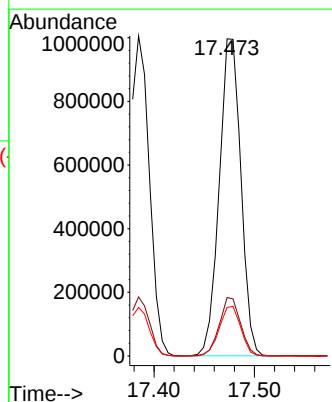
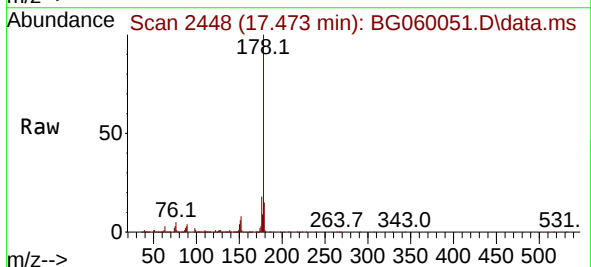
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

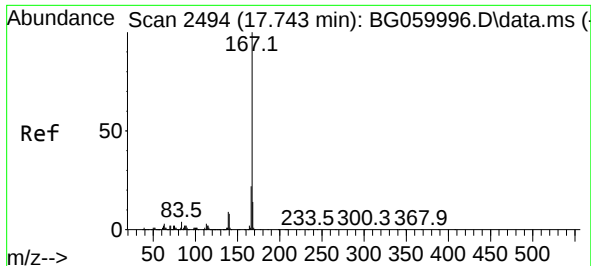
Tgt Ion:178 Resp: 1459467
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 15.2 12.6 19.0



#72
Anthracene
Concen: 44.658 ng
RT: 17.473 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:178 Resp: 1494379
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.3 12.6 19.0



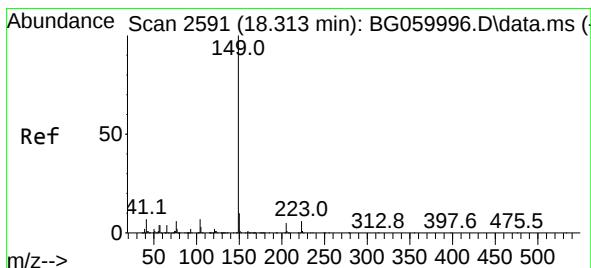
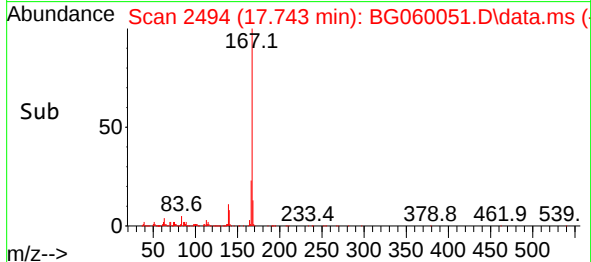
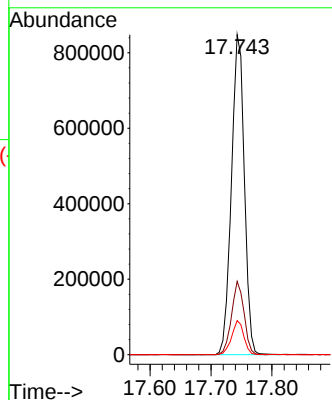
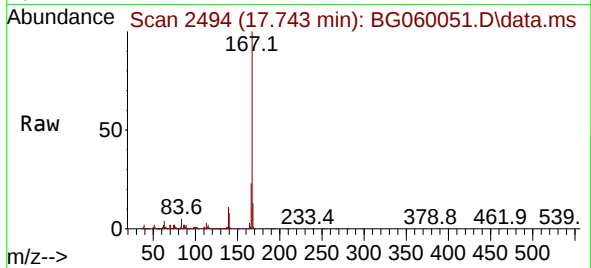


#73
 Carbazole
 Concen: 43.945 ng
 RT: 17.743 min Scan# 2494
 Delta R.T. -0.000 min
 Lab File: BG060051.D
 Acq: 16 Dec 2023 1:59

Instrument :
 BNA_G
 ClientSampleId :
 597-P-2MSD

Tgt Ion:167 Resp: 1249597

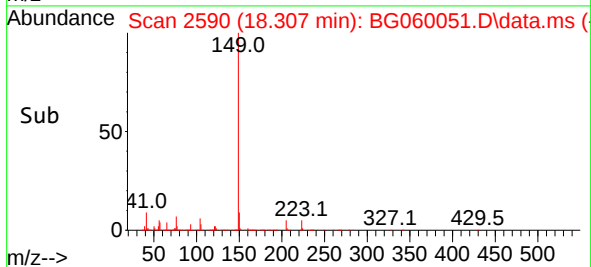
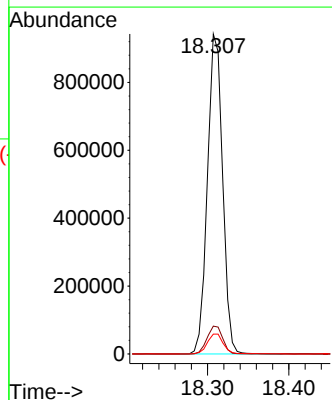
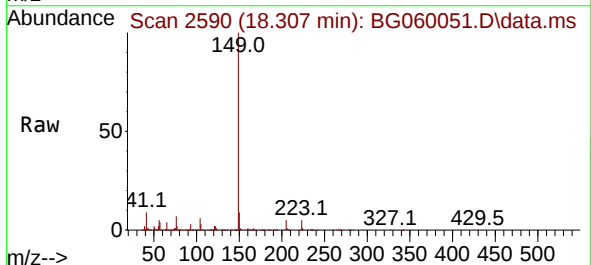
Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.4	26.0
139	10.6	7.5	11.3

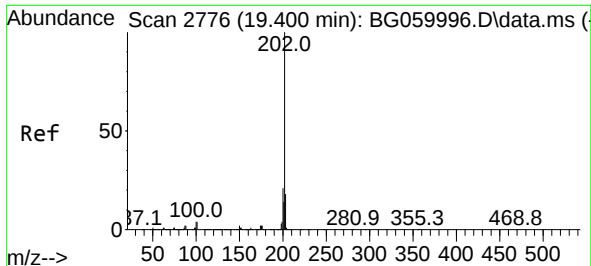


#74
 Di-n-butylphthalate
 Concen: 46.920 ng
 RT: 18.307 min Scan# 2590
 Delta R.T. -0.006 min
 Lab File: BG060051.D
 Acq: 16 Dec 2023 1:59

Tgt Ion:149 Resp: 1217118

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.9	11.9
104	6.2	5.6	8.4

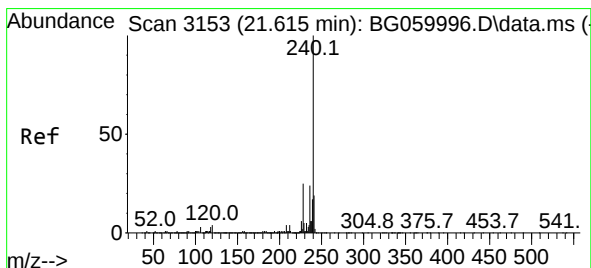
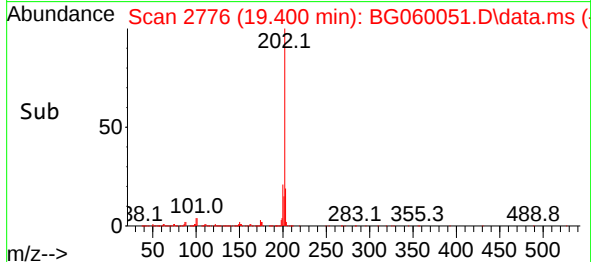
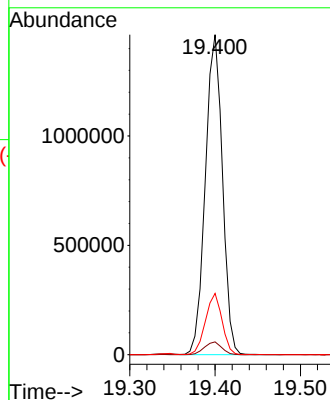
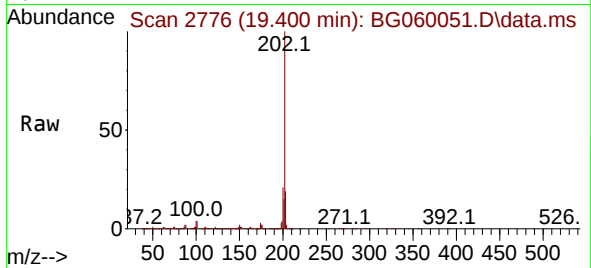




#75
Fluoranthene
Concen: 41.887 ng
RT: 19.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

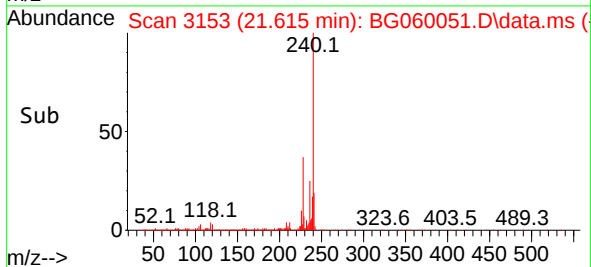
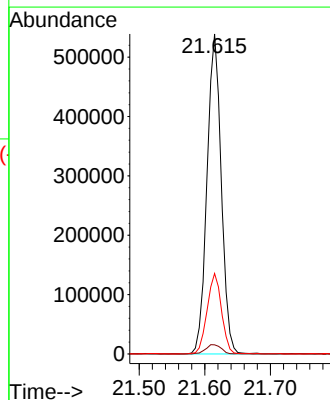
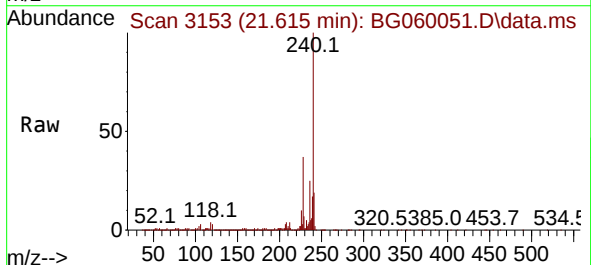
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

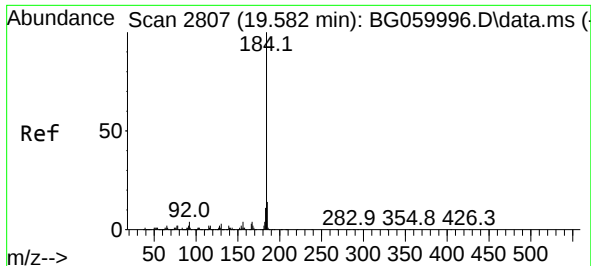
Tgt Ion:202 Resp: 2034290
Ion Ratio Lower Upper
202 100
101 4.0 0.0 24.2
203 19.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.615 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:240 Resp: 814595
Ion Ratio Lower Upper
240 100
120 2.9 2.9 4.3#
236 25.1 19.4 29.2

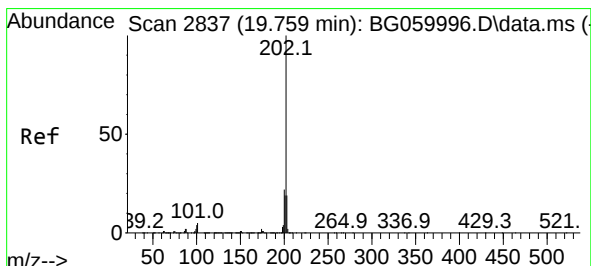
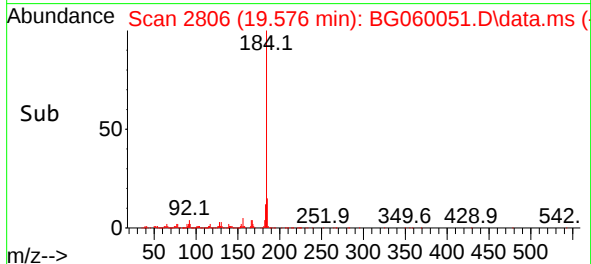
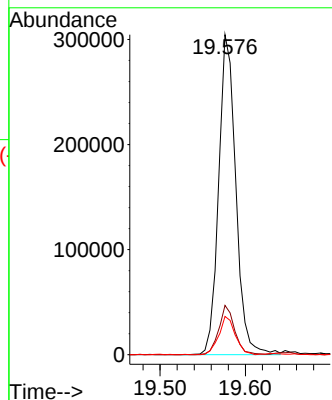
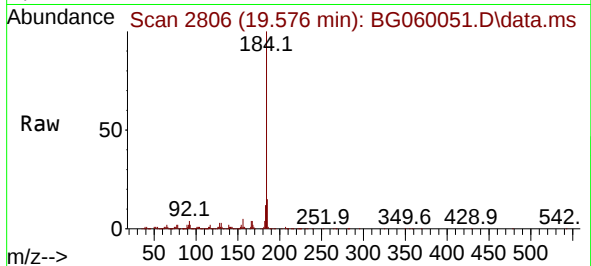




#77
Benzidine
Concen: 40.784 ng
RT: 19.576 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

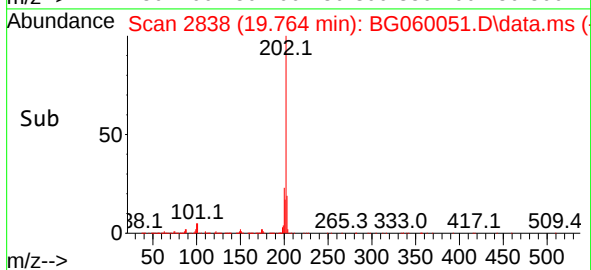
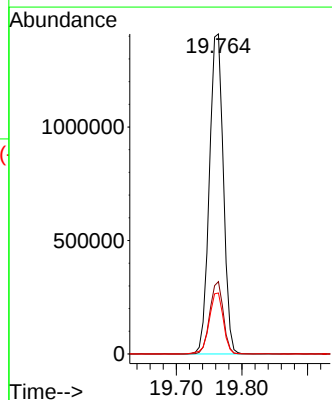
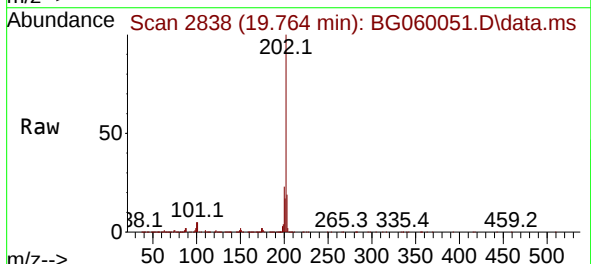
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

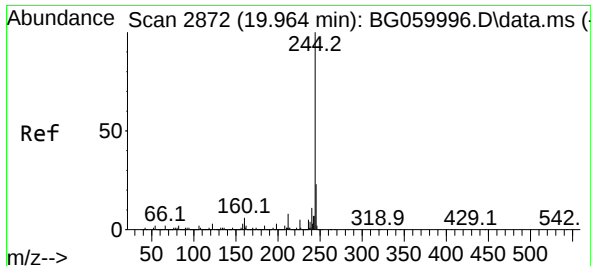
Tgt Ion:184 Resp: 426733
Ion Ratio Lower Upper
184 100
185 15.4 11.1 16.7
183 12.0 9.0 13.4



#78
Pyrene
Concen: 42.257 ng
RT: 19.764 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:202 Resp: 2086634
Ion Ratio Lower Upper
202 100
200 22.6 17.6 26.4
203 19.0 14.9 22.3

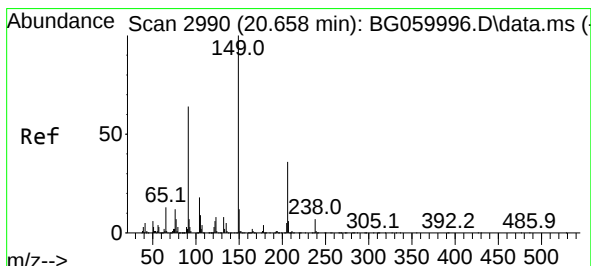
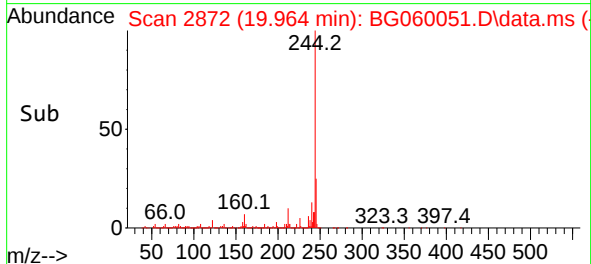
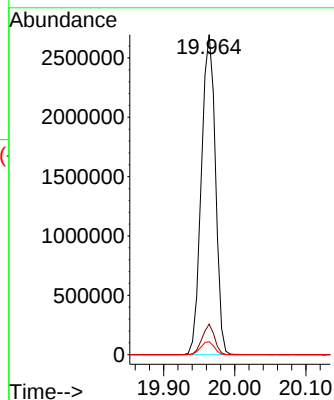
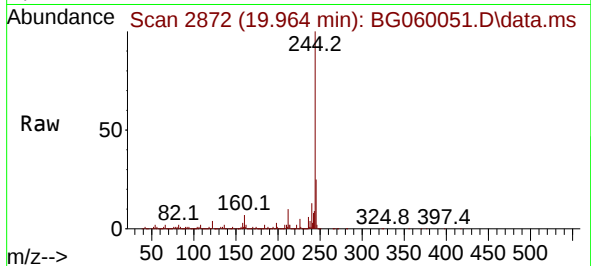




#79
 Terphenyl-d14
 Concen: 83.268 ng
 RT: 19.964 min Scan# 2872
 Delta R.T. -0.000 min
 Lab File: BG060051.D
 Acq: 16 Dec 2023 1:59

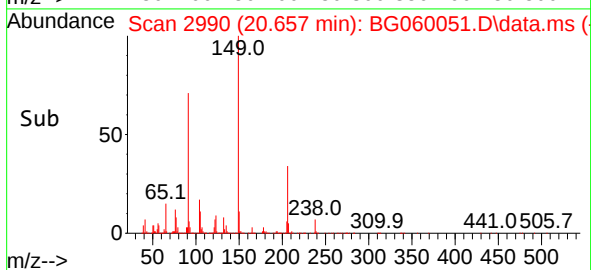
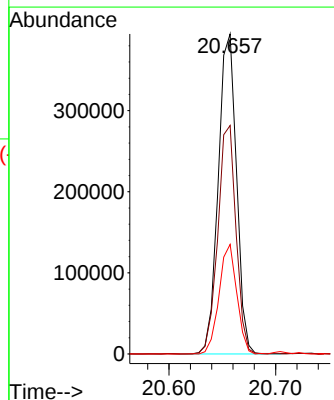
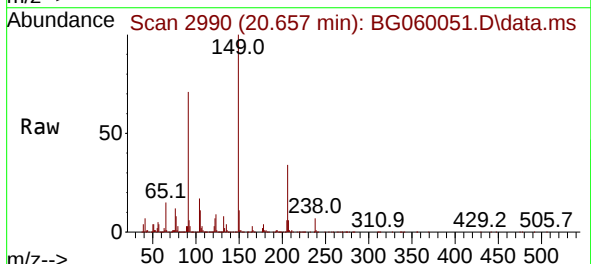
Instrument :
 BNA_G
 ClientSampleId :
 597-P-2MSD

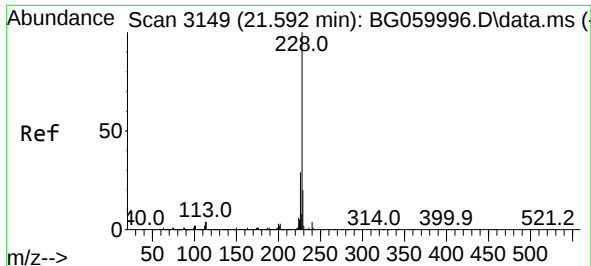
Tgt Ion:244 Resp: 3715245
 Ion Ratio Lower Upper
 244 100
 212 9.6 6.8 10.2
 122 4.1 2.6 3.8#



#80
 Butylbenzylphthalate
 Concen: 52.706 ng
 RT: 20.657 min Scan# 2990
 Delta R.T. -0.000 min
 Lab File: BG060051.D
 Acq: 16 Dec 2023 1:59

Tgt Ion:149 Resp: 467425
 Ion Ratio Lower Upper
 149 100
 91 71.4 51.3 76.9
 206 34.3 28.8 43.2

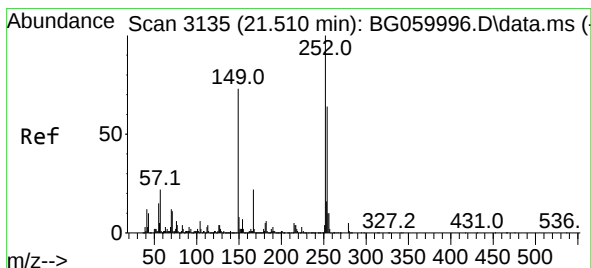
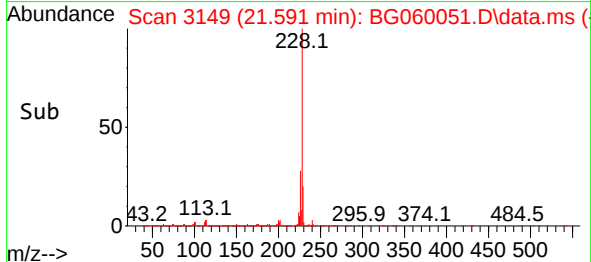
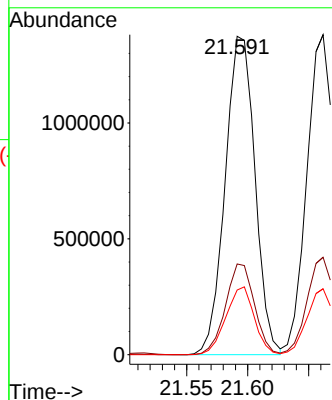
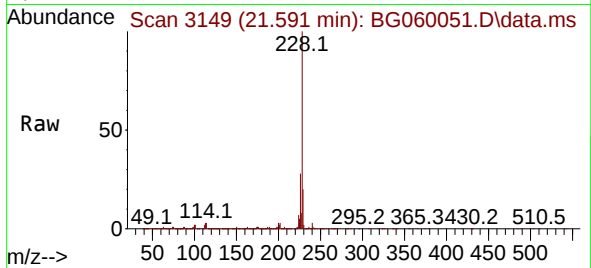




#81
Benzo(a)anthracene
Concen: 42.765 ng
RT: 21.591 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

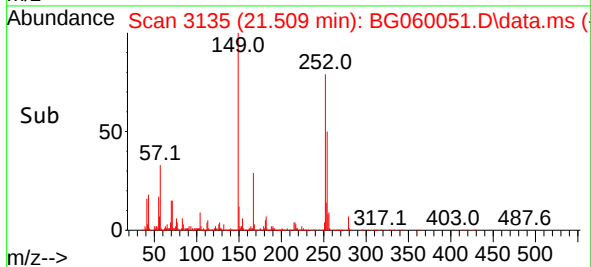
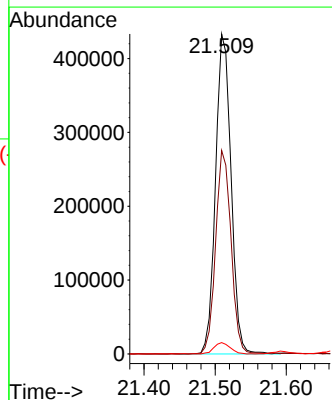
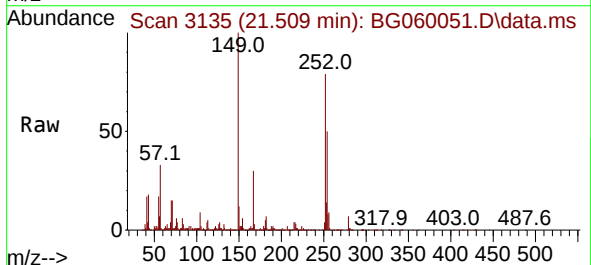
Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

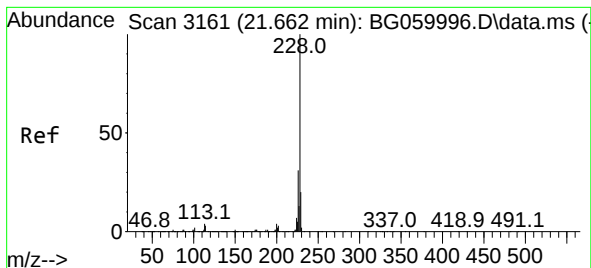
Tgt Ion:228 Resp: 2340017
Ion Ratio Lower Upper
228 100
226 28.5 22.9 34.3
229 20.3 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 36.423 ng
RT: 21.509 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BG060051.D
Acq: 16 Dec 2023 1:59

Tgt Ion:252 Resp: 655811
Ion Ratio Lower Upper
252 100
254 63.6 51.0 76.4
126 3.6 3.0 4.4





#83

Chrysene

Concen: 42.153 ng

RT: 21.662 min Scan# 3161

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

Instrument :

BNA_G

ClientSampleId :

597-P-2MSD

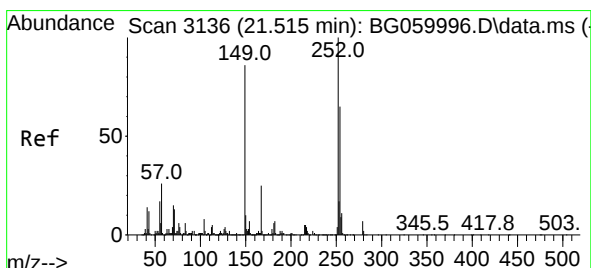
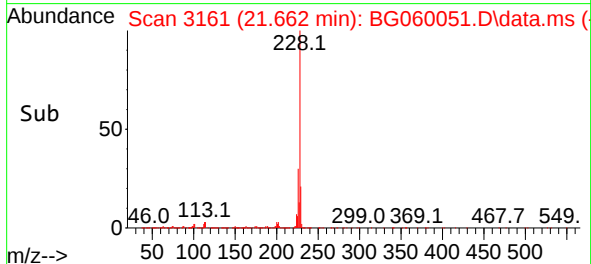
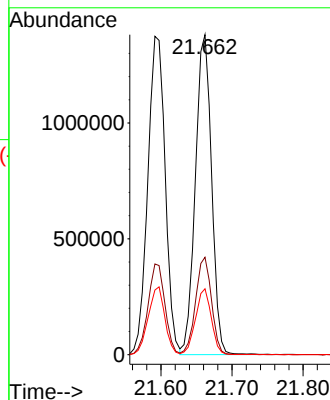
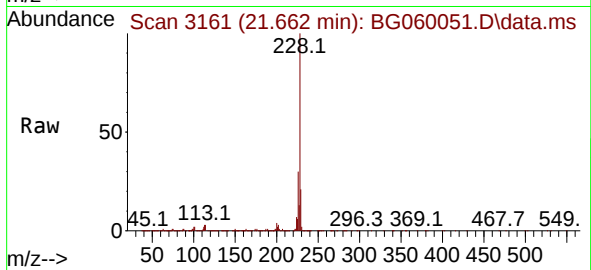
Tgt Ion:228 Resp: 2185225

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

229 20.6 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.528 ng

RT: 21.509 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

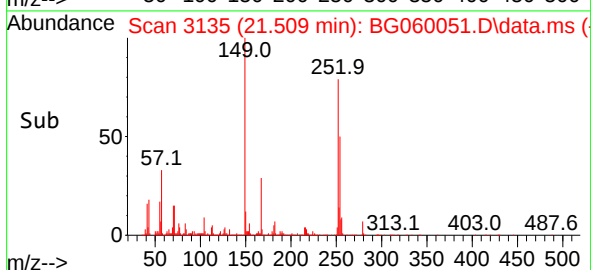
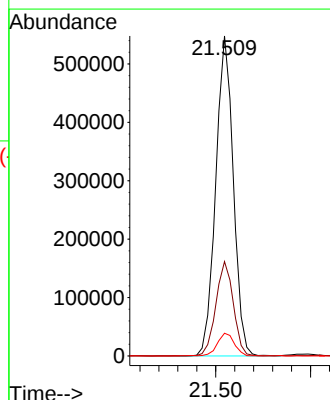
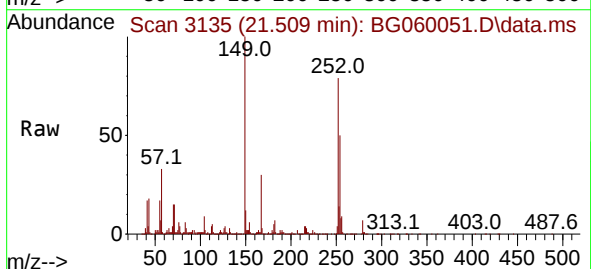
Tgt Ion:149 Resp: 706083

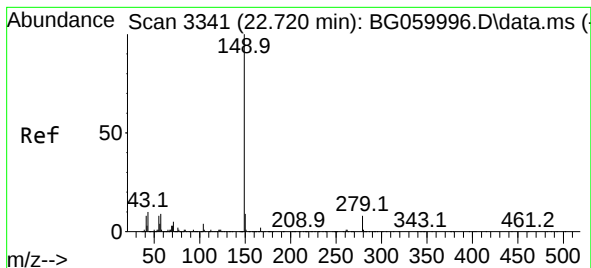
Ion Ratio Lower Upper

149 100

167 29.5 23.0 34.6

279 7.1 6.2 9.2





#85

Di-n-octyl phthalate

Concen: 53.307 ng

RT: 22.714 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

Instrument :

BNA_G

ClientSampleId :

597-P-2MSD

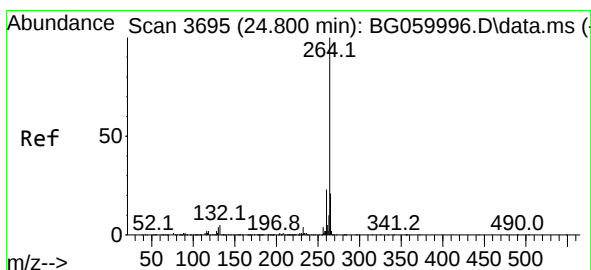
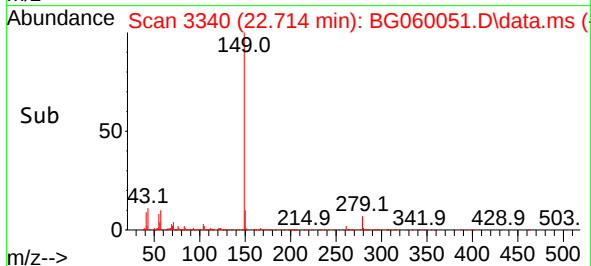
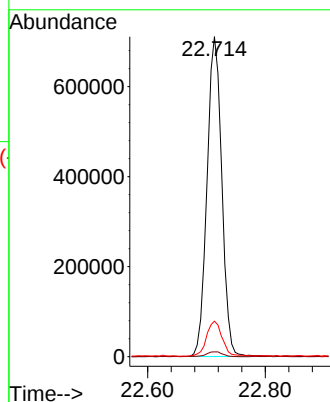
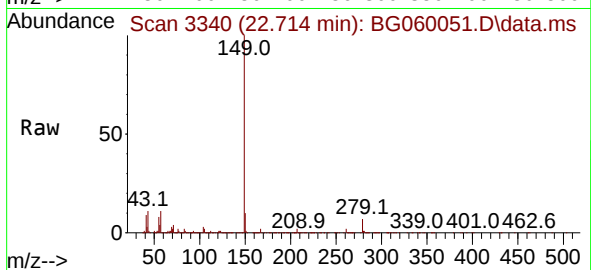
Tgt Ion:149 Resp: 1239486

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 11.7 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.799 min Scan# 3695

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

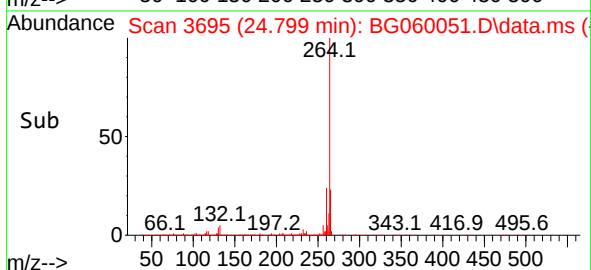
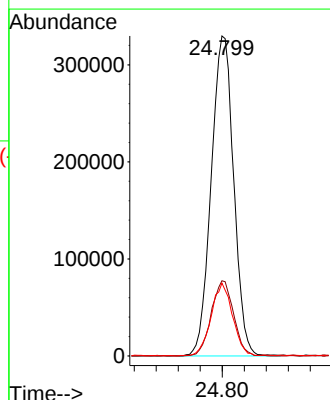
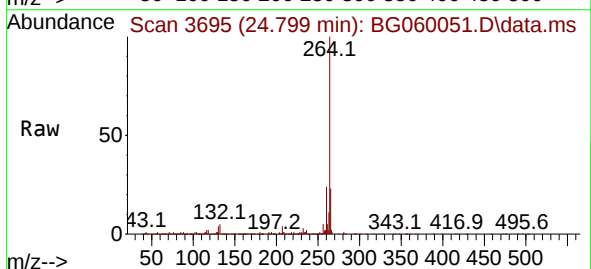
Tgt Ion:264 Resp: 935763

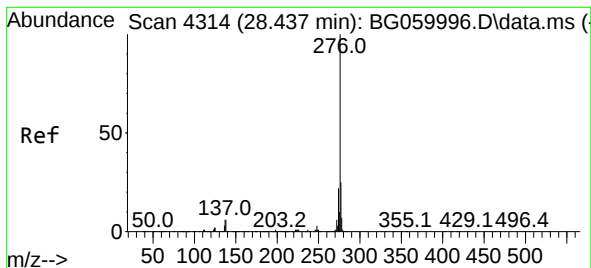
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 22.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.227 ng

RT: 28.436 min Scan# 4314

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

Instrument :

BNA_G

ClientSampleId :

597-P-2MSD

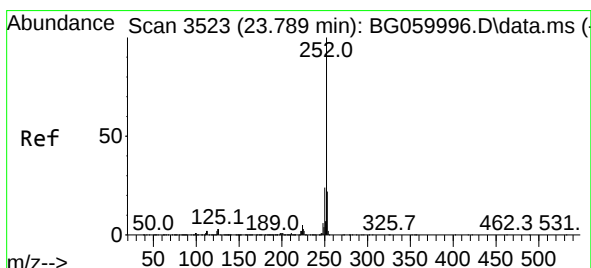
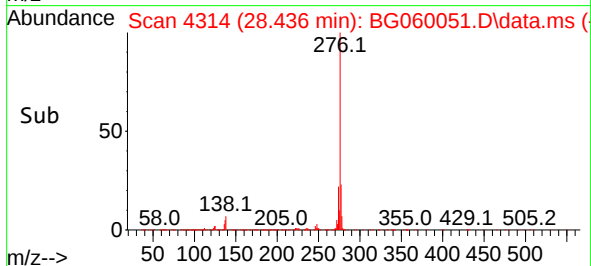
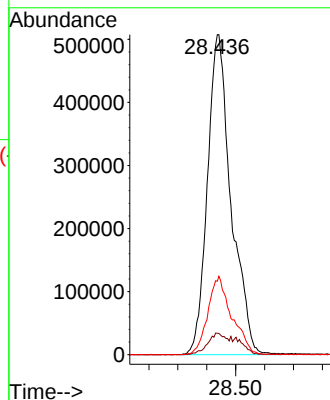
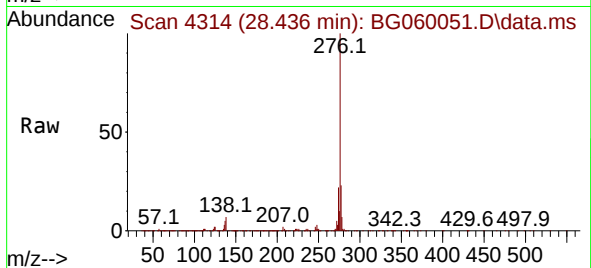
Tgt Ion:276 Resp: 2886844

Ion Ratio Lower Upper

276 100

138 5.4 4.7 7.1

277 24.7 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 42.299 ng

RT: 23.789 min Scan# 3523

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

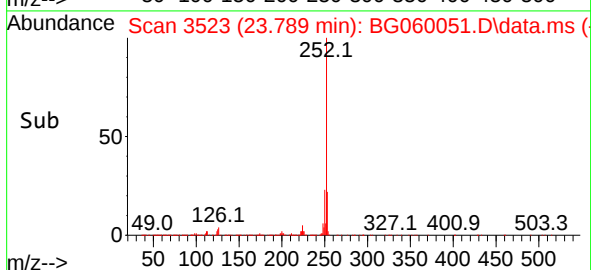
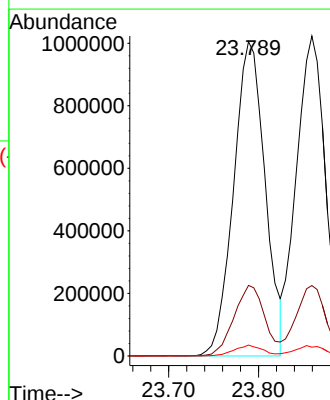
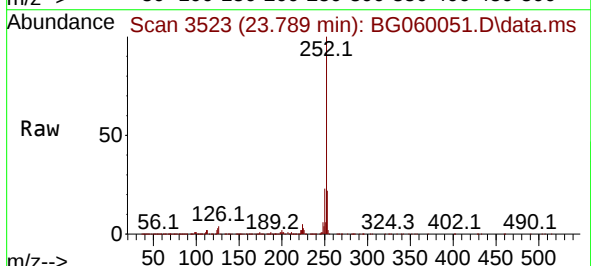
Tgt Ion:252 Resp: 2444579

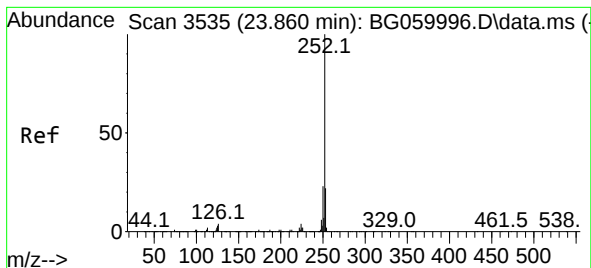
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 3.5 2.6 4.0





#89

Benzo(k)fluoranthene

Concen: 41.117 ng

RT: 23.859 min Scan# 3

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

Instrument :

BNA_G

ClientSampleId :

597-P-2MSD

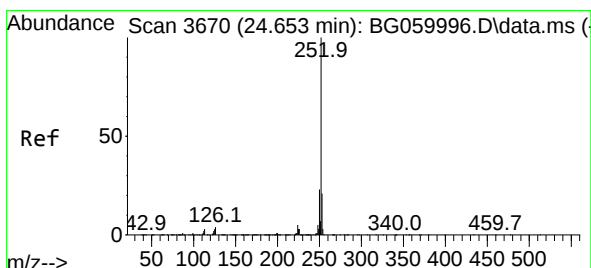
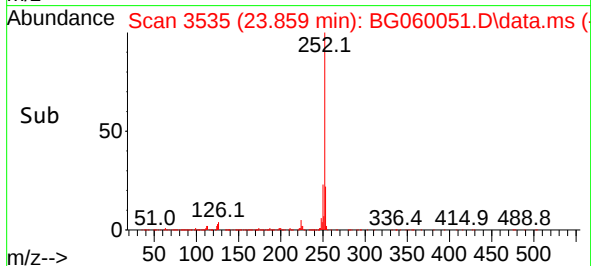
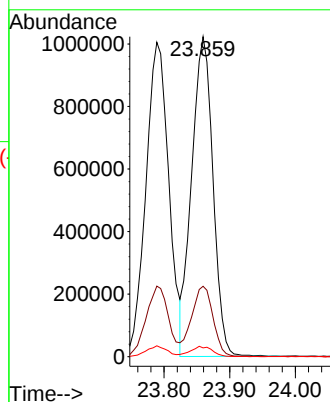
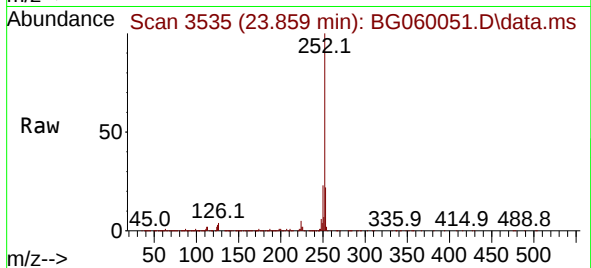
Tgt Ion:252 Resp: 2304884

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 2.7 2.5 3.7



#90

Benzo(a)pyrene

Concen: 41.462 ng

RT: 24.653 min Scan# 3670

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

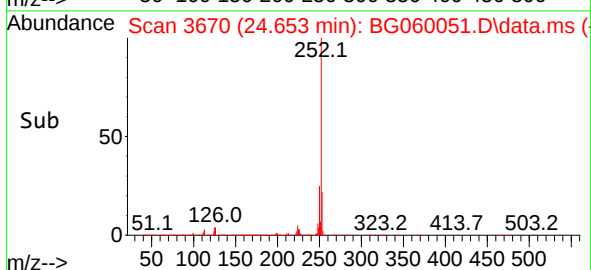
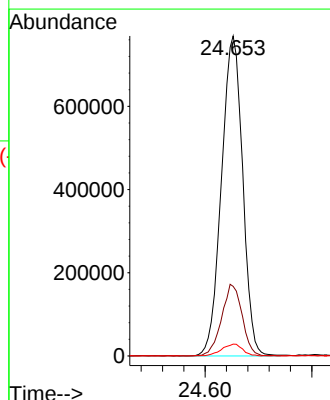
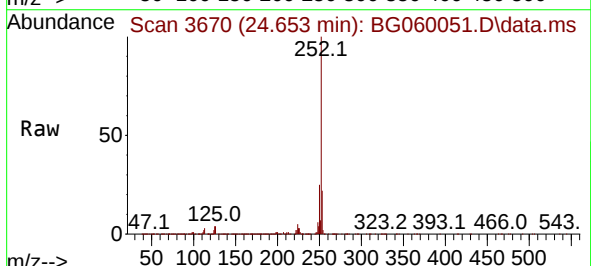
Tgt Ion:252 Resp: 2122978

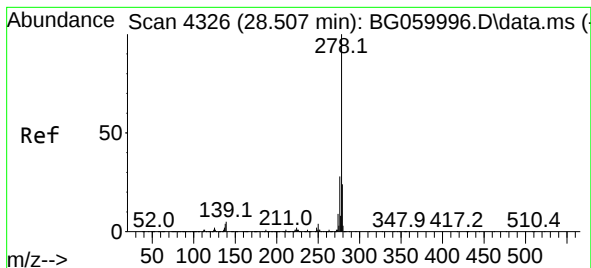
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 3.7 2.6 4.0





#91

Dibenzo(a,h)anthracene

Concen: 43.959 ng

RT: 28.507 min Scan# 41

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

Instrument :

BNA_G

ClientSampleId :

597-P-2MSD

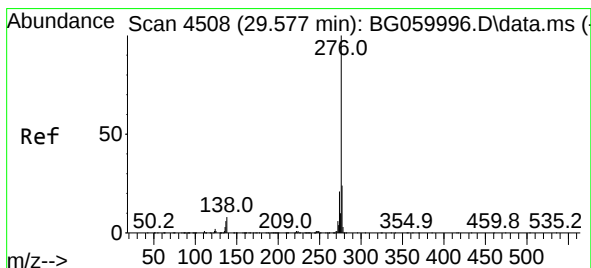
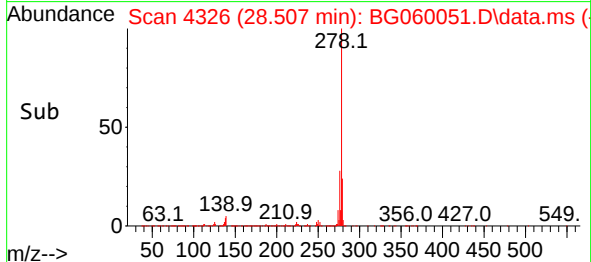
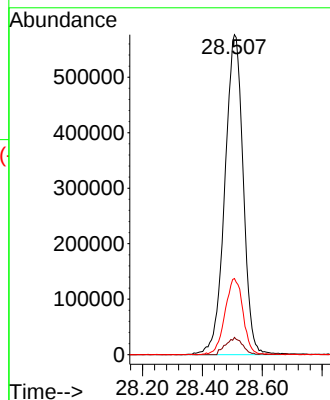
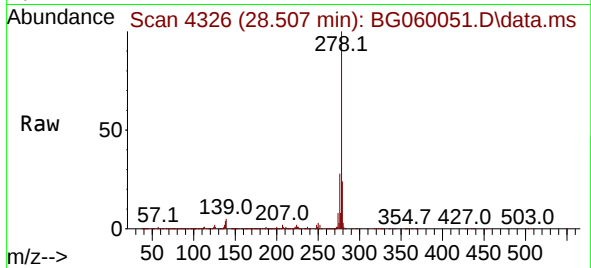
Tgt Ion:278 Resp: 2454891

Ion Ratio Lower Upper

278 100

139 5.4 4.4 6.6

279 23.8 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 40.927 ng

RT: 29.576 min Scan# 4508

Delta R.T. -0.000 min

Lab File: BG060051.D

Acq: 16 Dec 2023 1:59

Tgt Ion:276 Resp: 2273422

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.2

138 7.5 6.0 9.0

