

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
 Data File : BG054806.D
 Acq On : 31 Aug 2022 14:37
 Operator : CG/JU
 Sample : N4423-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2MSD

Quant Time: Sep 01 05:01:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	43053	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	176874	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	122262	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	287360	20.000	ng	0.00
76) Chrysene-d12	21.831	240	267827	20.000	ng	0.00
86) Perylene-d12	25.203	264	286092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	280560	113.478	ng	0.00
7) Phenol-d6	7.300	99	390254	115.419	ng	0.00
23) Nitrobenzene-d5	9.328	82	226285	67.162	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	196134	128.382	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	563648	69.291	ng	0.00
79) Terphenyl-d14	20.132	244	1028637	76.099	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.528	88	43273	36.654	ng	97
3) Pyridine	3.934	79	117234	35.602	ng	97
4) n-Nitrosodimethylamine	3.852	42	60103	42.223	ng	95
6) Aniline	7.471	93	177161	44.100	ng	98
8) 2-Chlorophenol	7.712	128	135512	50.167	ng	98
9) Benzaldehyde	7.283	77	75732	34.174	ng	97
10) Phenol	7.330	94	170279	48.970	ng	98
11) bis(2-Chloroethyl)ether	7.559	93	124916	44.668	ng	98
12) 1,3-Dichlorobenzene	8.041	146	142124	45.466	ng	98
13) 1,4-Dichlorobenzene	8.188	146	143427	45.488	ng	99
14) 1,2-Dichlorobenzene	8.505	146	140069	46.849	ng	98
15) Benzyl Alcohol	8.387	79	119112	48.763	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.675	45	183883	42.022	ng	98
17) 2-Methylphenol	8.593	107	118157	49.354	ng	99
18) Hexachloroethane	9.239	117	50207	43.912	ng	98
19) n-Nitroso-di-n-propyla...	8.957	70	102327	44.009	ng	# 97
20) 3+4-Methylphenols	8.922	107	159651	48.090	ng	99
22) Acetophenone	8.981	105	195743	44.235	ng	# 98
24) Nitrobenzene	9.369	77	145412	42.819	ng	97
25) Isophorone	9.886	82	285628	45.466	ng	100
26) 2-Nitrophenol	10.080	139	75044	50.026	ng	97
27) 2,4-Dimethylphenol	10.132	122	126824	53.360	ng	98
28) bis(2-Chloroethoxy)met...	10.367	93	170705	47.686	ng	100
29) 2,4-Dichlorophenol	10.620	162	133637	49.433	ng	98
30) 1,2,4-Trichlorobenzene	10.838	180	134505	43.538	ng	97
31) Naphthalene	11.031	128	407661	42.958	ng	100
32) Benzoic acid	10.279	122	60073	37.450	ng	93
33) 4-Chloroaniline	11.131	127	142034	36.713	ng	98
34) Hexachlorobutadiene	11.302	225	87790	44.352	ng	99
35) Caprolactam	11.913	113	31356	32.876	ng	92
36) 4-Chloro-3-methylphenol	12.242	107	146049	49.403	ng	100
37) 2-Methylnaphthalene	12.624	142	292777	44.019	ng	99
38) 1-Methylnaphthalene	12.841	142	280729	43.382	ng	97
40) 1,2,4,5-Tetrachloroben...	12.988	216	162204	44.011	ng	100
41) Hexachlorocyclopentadiene	12.964	237	182189	93.213	ng	99
43) 2,4,6-Trichlorophenol	13.223	196	114539	46.822	ng	98

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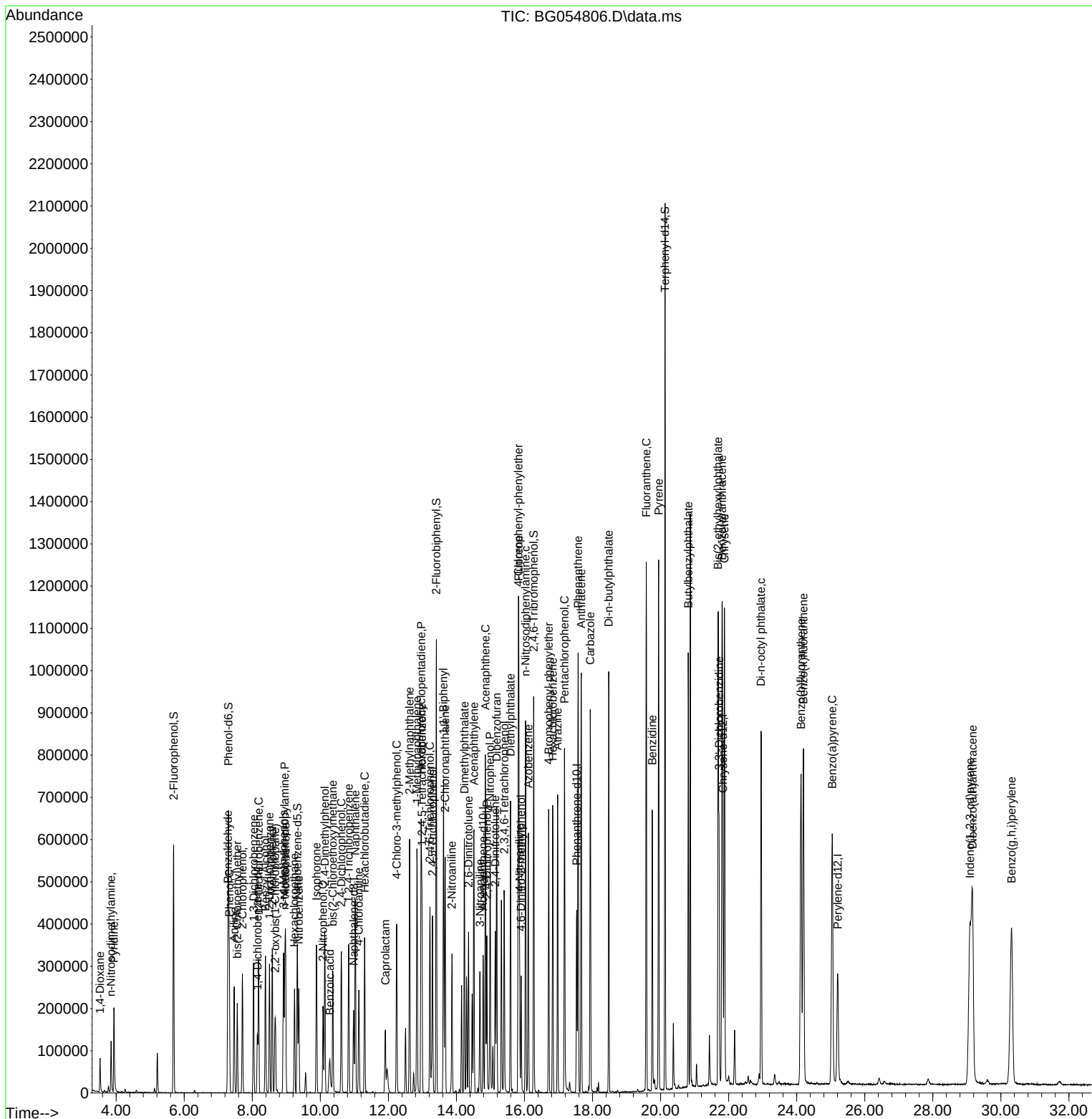
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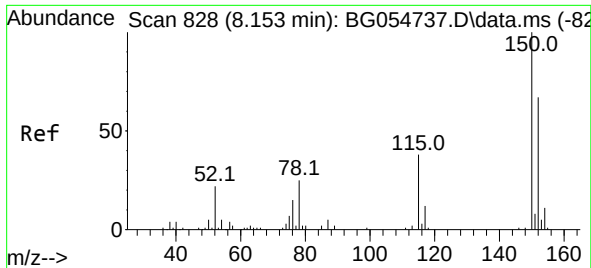
Quant Time: Sep 01 05:01:52 2022
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 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.299	196	125936	45.841	ng	99
46) 1,1'-Biphenyl	13.622	154	402574	44.340	ng	99
47) 2-Chloronaphthalene	13.669	162	296849	43.051	ng	99
48) 2-Nitroaniline	13.869	65	98455	45.561	ng	97
49) Acenaphthylene	14.516	152	496127	43.602	ng	100
50) Dimethylphthalate	14.234	163	415893	44.154	ng	99
51) 2,6-Dinitrotoluene	14.357	165	89231	46.315	ng	90
52) Acenaphthene	14.850	154	300836	41.160	ng	99
53) 3-Nitroaniline	14.692	138	83391	38.666	ng	95
54) 2,4-Dinitrophenol	14.897	184	95212	86.934	ng	96
55) Dibenzofuran	15.185	168	471519	43.903	ng	100
56) 4-Nitrophenol	14.991	139	160343	96.071	ng	96
57) 2,4-Dinitrotoluene	15.144	165	128630	48.269	ng	87
58) Fluorene	15.832	166	397317	43.914	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.409	232	110538	44.635	ng	99
60) Diethylphthalate	15.591	149	411809	43.783	ng	98
61) 4-Chlorophenyl-phenyle...	15.820	204	203602	45.616	ng	98
62) 4-Nitroaniline	15.855	138	100007	45.417	ng	96
63) Azobenzene	16.114	77	370014	41.394	ng	96
65) 4,6-Dinitro-2-methylph...	15.902	198	69028	47.191	ng	97
66) n-Nitrosodiphenylamine	16.031	169	359117	43.335	ng	99
67) 4-Bromophenyl-phenylether	16.713	248	144585	45.828	ng	98
68) Hexachlorobenzene	16.830	284	161410	45.510	ng	96
69) Atrazine	16.977	200	143716	49.158	ng	99
70) Pentachlorophenol	17.177	266	174058	90.323	ng	98
71) Phenanthrene	17.577	178	656495	42.886	ng	99
72) Anthracene	17.671	178	671517	45.120	ng	100
73) Carbazole	17.935	167	624841	45.568	ng	99
74) Di-n-butylphthalate	18.476	149	751251	43.296	ng	99
75) Fluoranthene	19.580	202	811624	43.584	ng	99
77) Benzidine	19.756	184	422238	63.650	ng	99
78) Pyrene	19.944	202	813531	43.562	ng	100
80) Butylbenzylphthalate	20.814	149	332147	42.639	ng	96
81) Benzo(a)anthracene	21.807	228	786774	43.326	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	253383	39.797	ng	99
83) Chrysene	21.878	228	739676	42.601	ng	99
84) Bis(2-ethylhexyl)phtha...	21.689	149	480857	42.845	ng	99
85) Di-n-octyl phthalate	22.953	149	809727	42.544	ng	95
87) Indeno(1,2,3-cd)pyrene	29.093	276	931854	42.905	ng	98
88) Benzo(b)fluoranthene	24.128	252	837818	46.683	ng	98
89) Benzo(k)fluoranthene	24.198	252	808798	44.780	ng	98
90) Benzo(a)pyrene	25.044	252	731584	47.713	ng	99
91) Dibenzo(a,h)anthracene	29.169	278	801722	45.309	ng	99
92) Benzo(g,h,i)perylene	30.315	276	806098	45.095	ng	98

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

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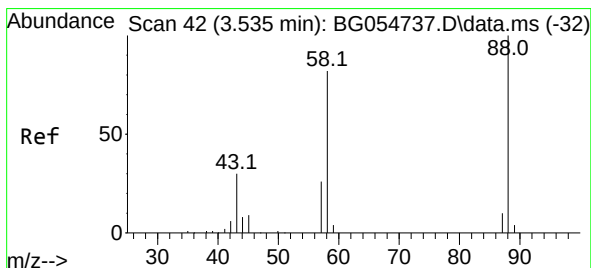
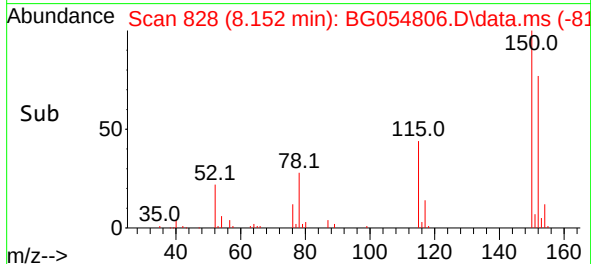
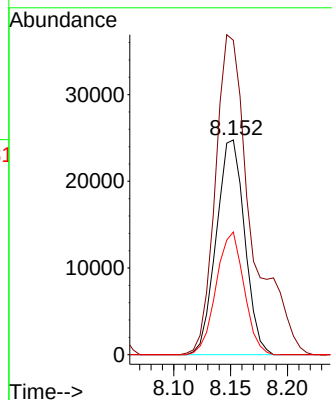
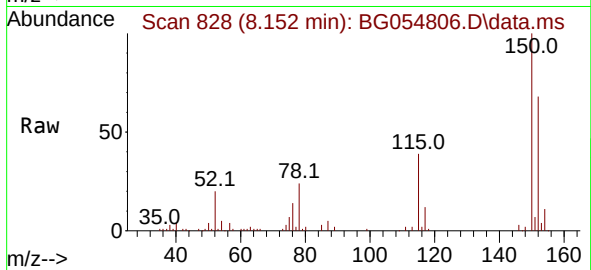




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.152 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG054806.D
 Acq: 31 Aug 2022 14:37

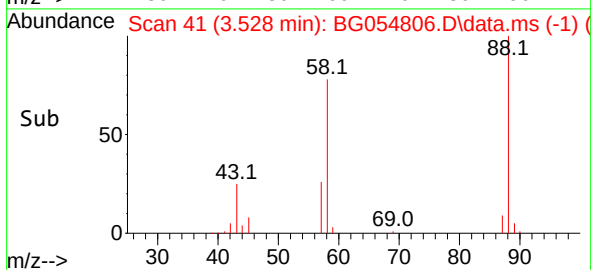
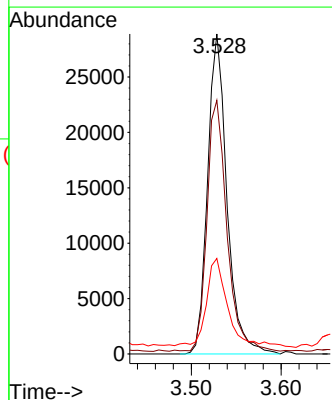
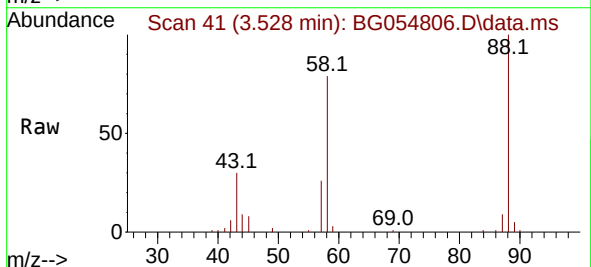
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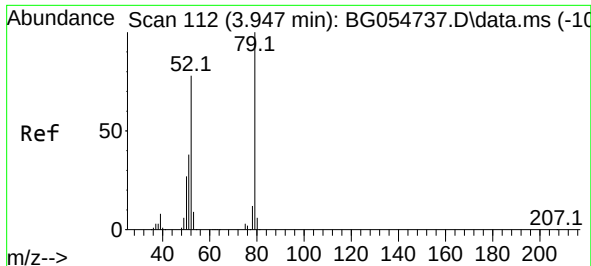
Tgt Ion:152 Resp: 43053
 Ion Ratio Lower Upper
 152 100
 150 146.5 125.2 187.8
 115 57.2 47.9 71.9



#2
 1,4-Dioxane
 Concen: 36.654 ng
 RT: 3.528 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: BG054806.D
 Acq: 31 Aug 2022 14:37

Tgt Ion: 88 Resp: 43273
 Ion Ratio Lower Upper
 88 100
 58 80.2 65.9 98.9
 43 31.5 22.7 34.1

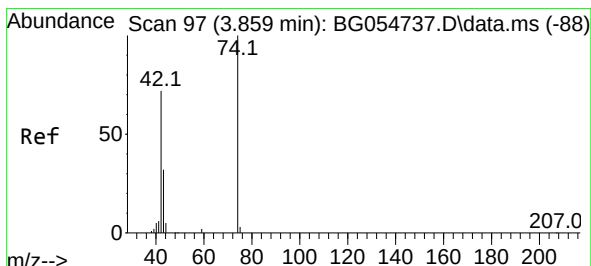
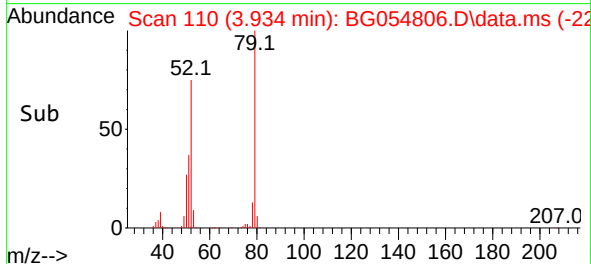
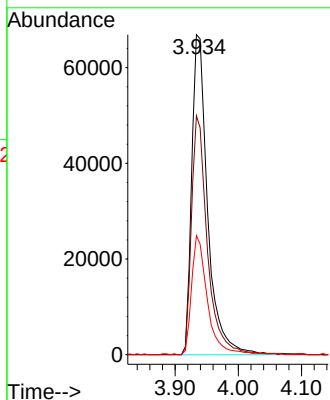
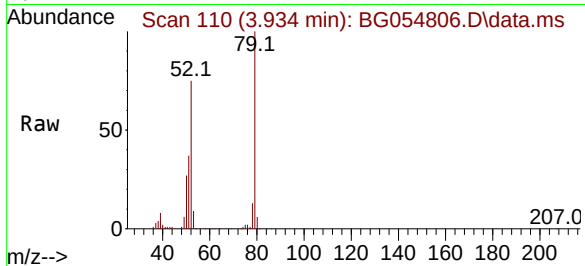




#3
 Pyridine
 Concen: 35.602 ng
 RT: 3.934 min Scan# 11
 Delta R.T. -0.013 min
 Lab File: BG054806.D
 Acq: 31 Aug 2022 14:37

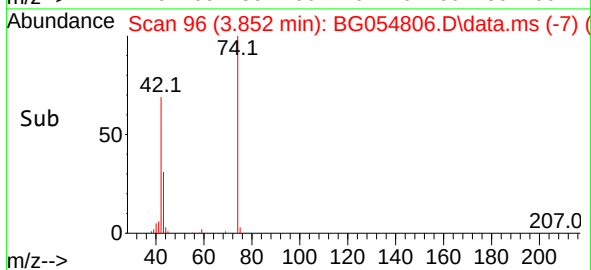
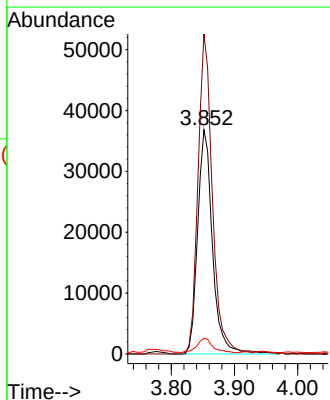
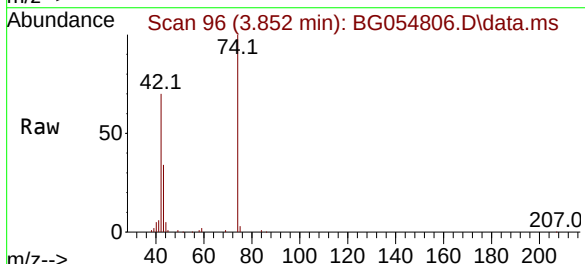
Instrument :
 BNA_G
 ClientSampleId :
 WC-2MSD

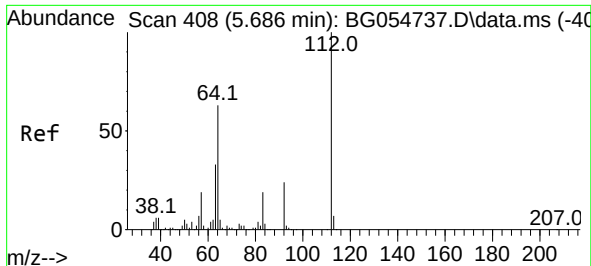
Tgt Ion: 79 Resp: 117234
 Ion Ratio Lower Upper
 79 100
 52 74.7 61.4 92.0
 51 37.2 31.4 47.0



#4
 n-Nitrosodimethylamine
 Concen: 42.223 ng
 RT: 3.852 min Scan# 96
 Delta R.T. -0.007 min
 Lab File: BG054806.D
 Acq: 31 Aug 2022 14:37

Tgt Ion: 42 Resp: 60103
 Ion Ratio Lower Upper
 42 100
 74 142.7 109.6 164.4
 44 7.0 5.5 8.3

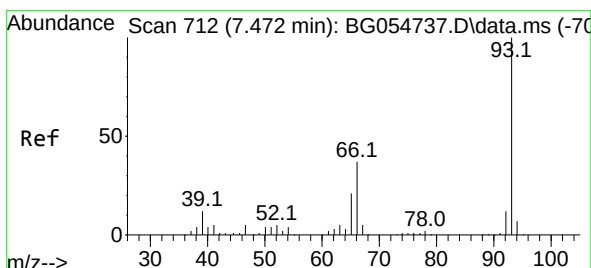
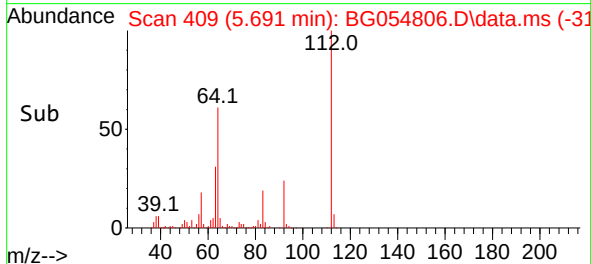
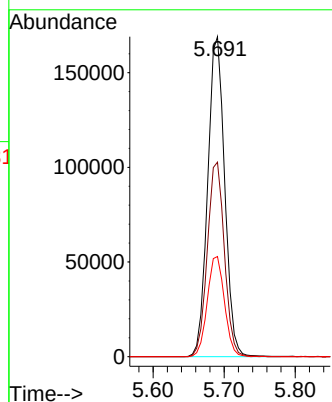
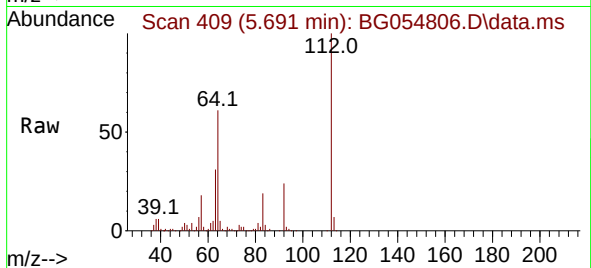




#5
2-Fluorophenol
Concen: 113.478 ng
RT: 5.691 min Scan# 408
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

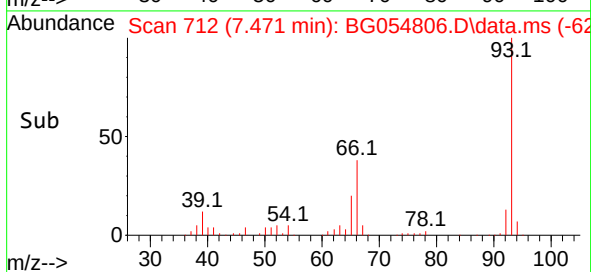
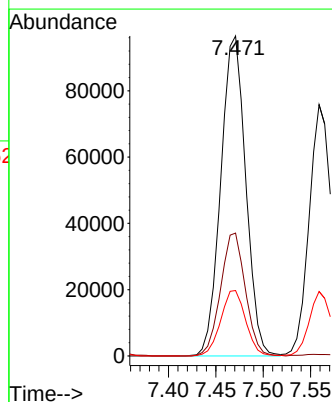
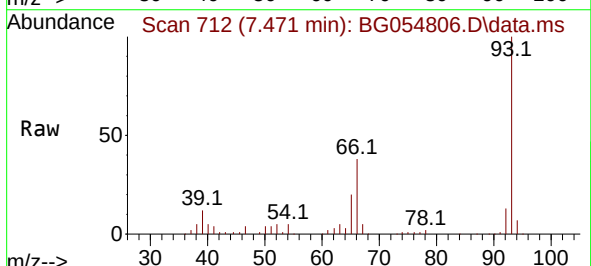
Instrument :
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ClientSampleId :
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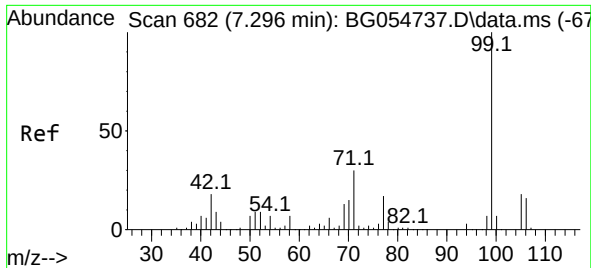
Tgt Ion:112 Resp: 280560
Ion Ratio Lower Upper
112 100
64 60.8 49.3 73.9
63 31.3 26.3 39.5



#6
Aniline
Concen: 44.100 ng
RT: 7.471 min Scan# 712
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion: 93 Resp: 177161
Ion Ratio Lower Upper
93 100
66 38.4 31.8 47.8
65 20.4 16.6 25.0

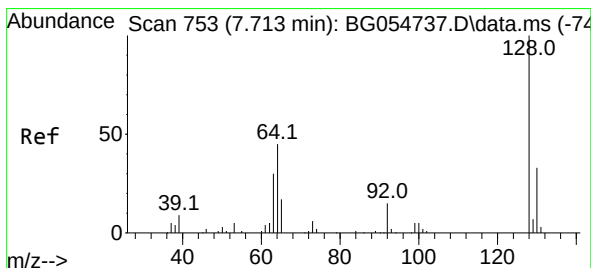
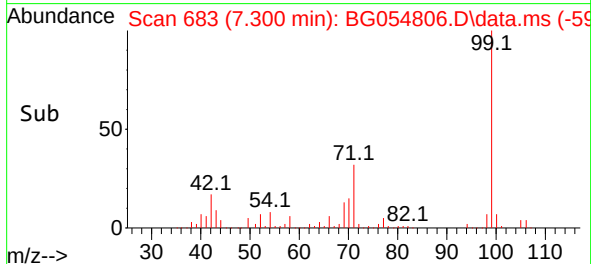
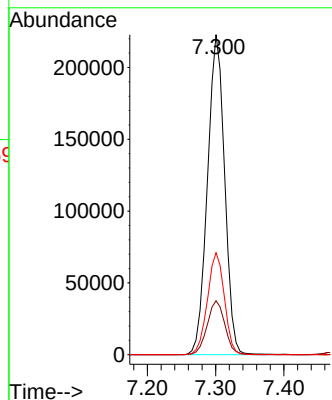
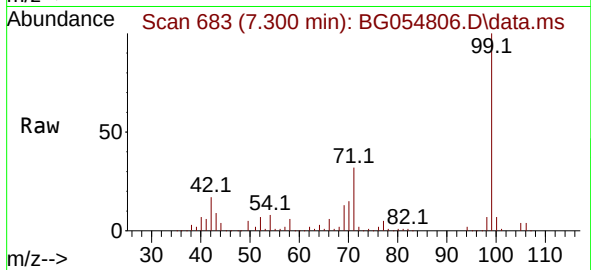




#7
Phenol-d6
Concen: 115.419 ng
RT: 7.300 min Scan# 682
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

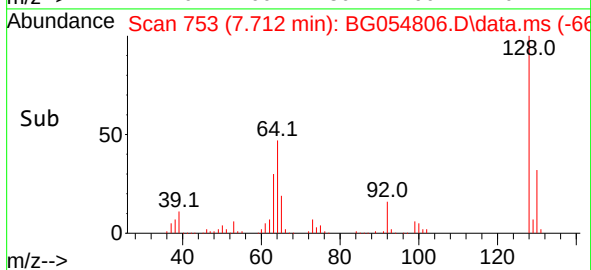
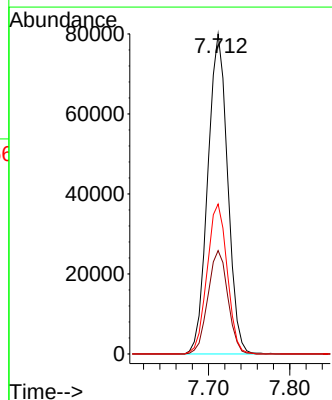
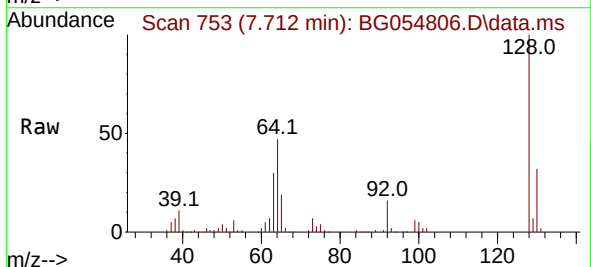
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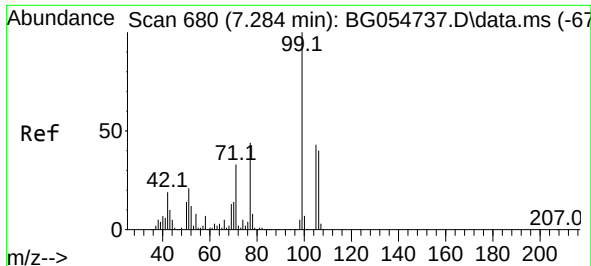
Tgt Ion: 99 Resp: 390254
Ion Ratio Lower Upper
99 100
42 16.8 14.6 22.0
71 31.8 24.6 37.0



#8
2-Chlorophenol
Concen: 50.167 ng
RT: 7.712 min Scan# 753
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:128 Resp: 135512
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 46.8 28.6 68.6

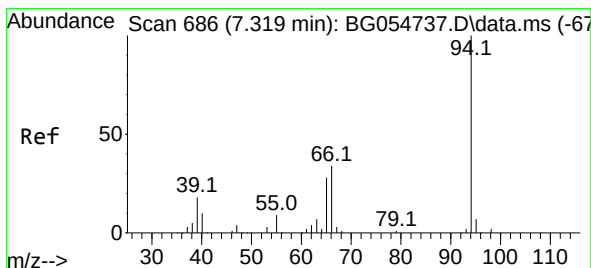
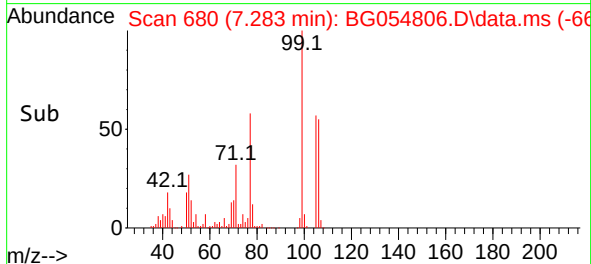
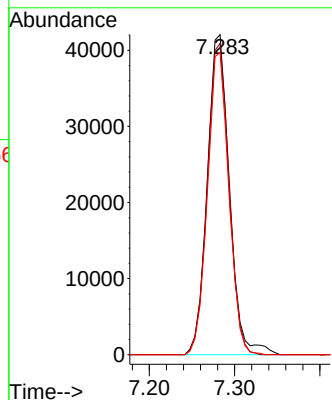
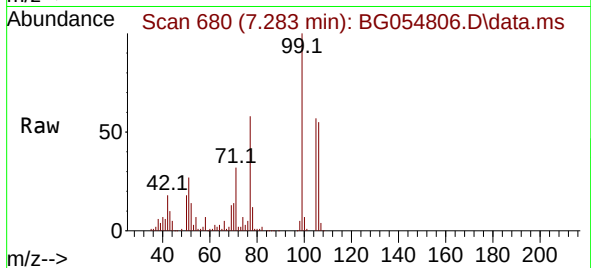




#9
Benzaldehyde
Concen: 34.174 ng
RT: 7.283 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

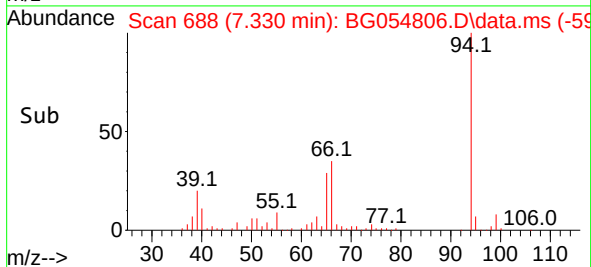
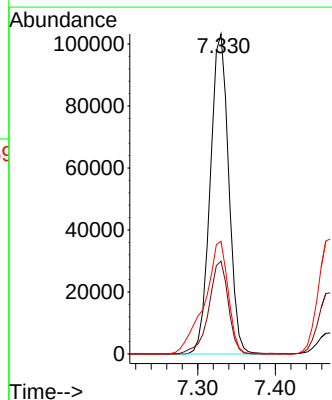
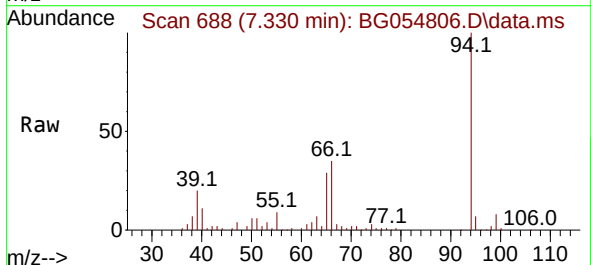
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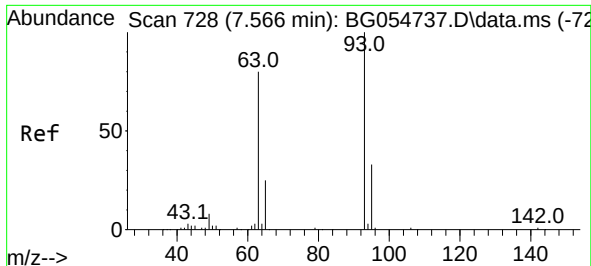
Tgt Ion: 77 Resp: 75732
Ion Ratio Lower Upper
77 100
105 97.3 75.3 115.3
106 94.4 70.2 110.2



#10
Phenol
Concen: 48.970 ng
RT: 7.330 min Scan# 688
Delta R.T. 0.011 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion: 94 Resp: 170279
Ion Ratio Lower Upper
94 100
65 29.0 9.9 49.9
66 35.2 16.4 56.4

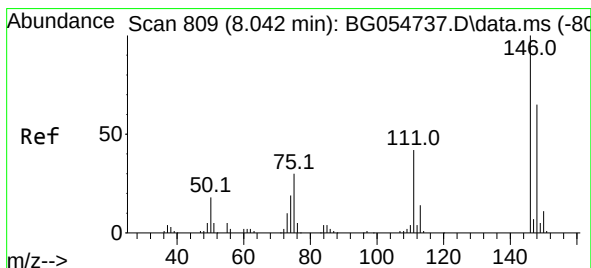
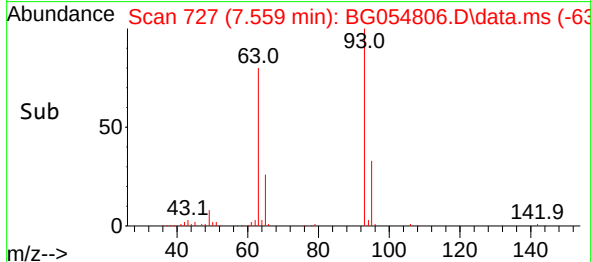
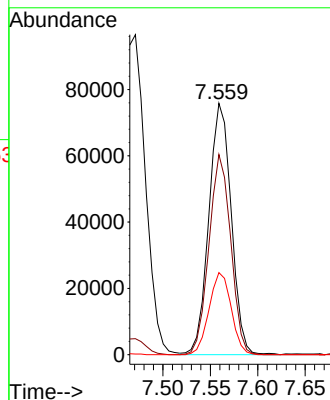
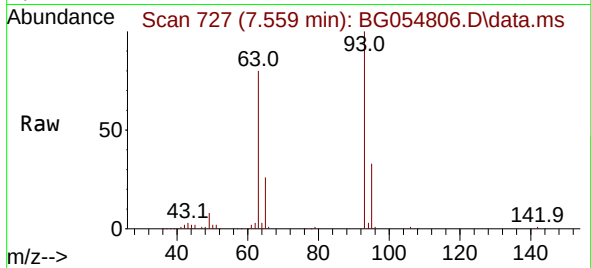




#11
bis(2-Chloroethyl)ether
Concen: 44.668 ng
RT: 7.559 min Scan# 728
Delta R.T. -0.007 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

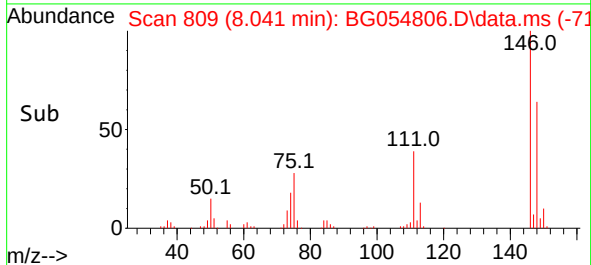
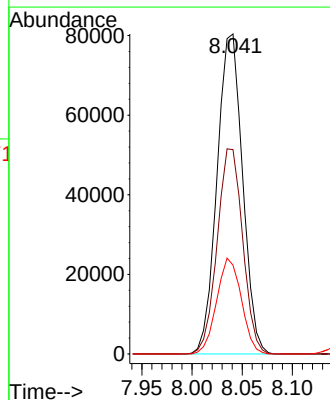
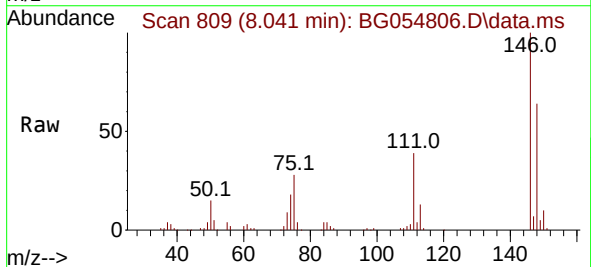
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

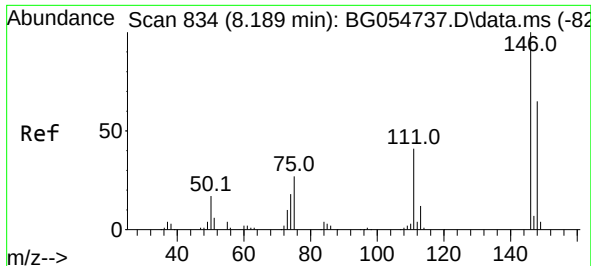
Tgt Ion: 93 Resp: 124916
Ion Ratio Lower Upper
93 100
63 79.7 62.1 102.1
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 45.466 ng
RT: 8.041 min Scan# 809
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:146 Resp: 142124
Ion Ratio Lower Upper
146 100
148 63.8 50.6 76.0
75 27.8 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 45.488 ng

RT: 8.188 min Scan# 813

Delta R.T. -0.001 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

Instrument :

BNA_G

ClientSampleId :

WC-2MSD

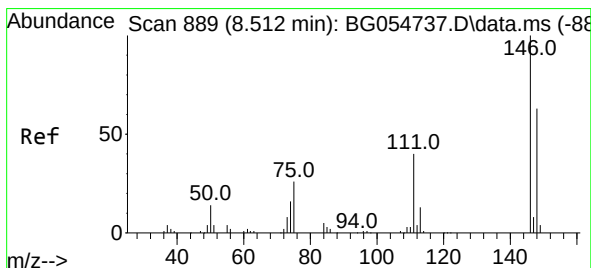
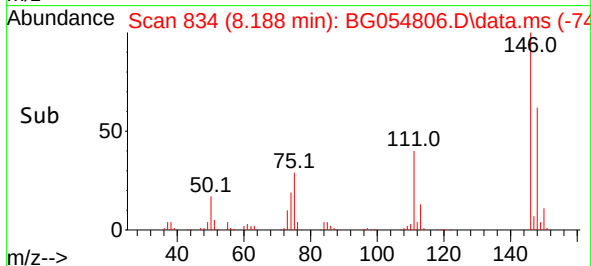
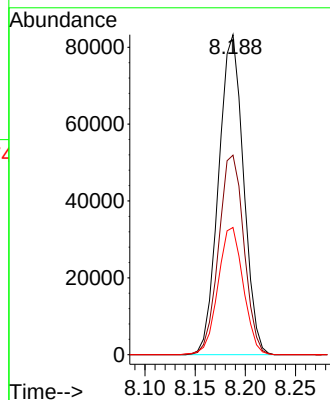
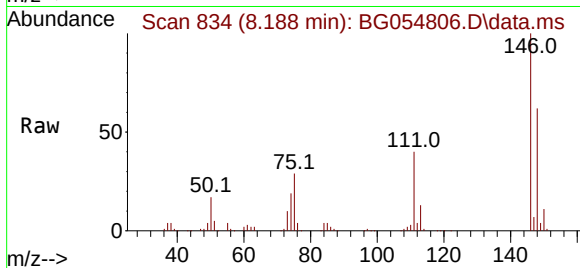
Tgt Ion:146 Resp: 143427

Ion Ratio Lower Upper

146 100

148 62.4 50.4 75.6

111 39.7 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 46.849 ng

RT: 8.505 min Scan# 888

Delta R.T. -0.007 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

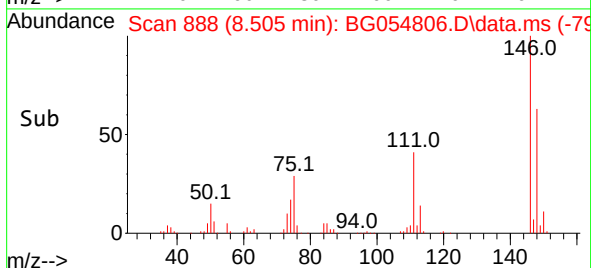
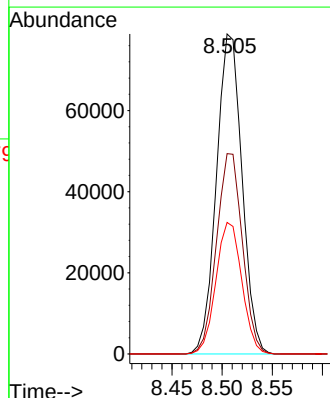
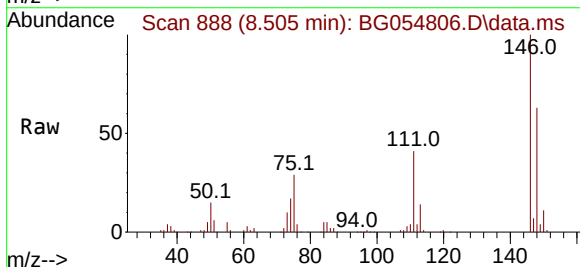
Tgt Ion:146 Resp: 140069

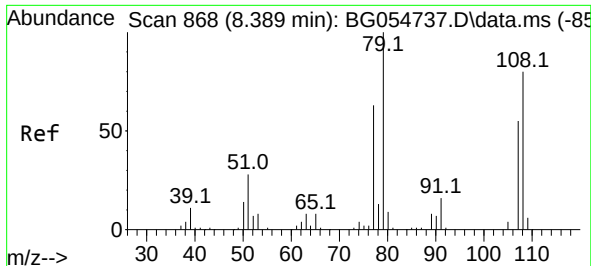
Ion Ratio Lower Upper

146 100

148 62.6 51.2 76.8

111 41.1 34.3 51.5

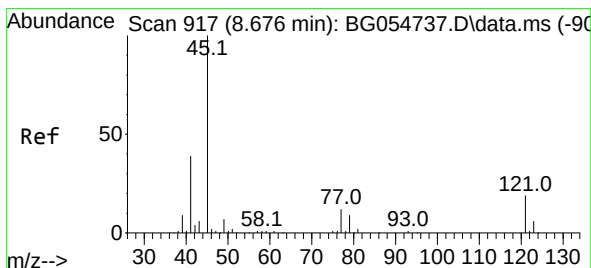
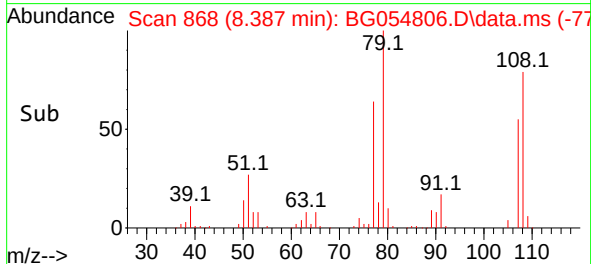
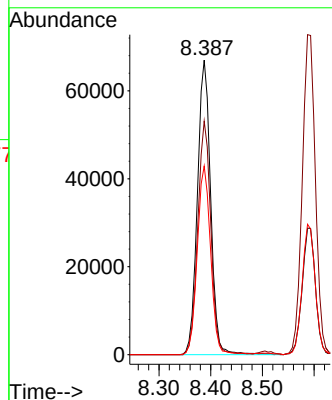
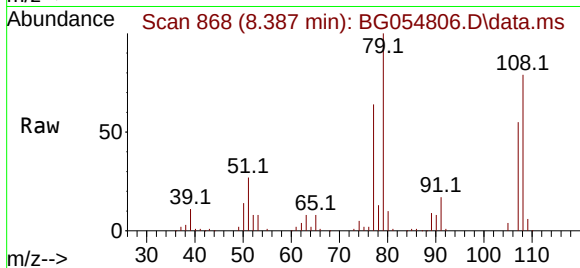




#15
Benzyl Alcohol
Concen: 48.763 ng
RT: 8.387 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

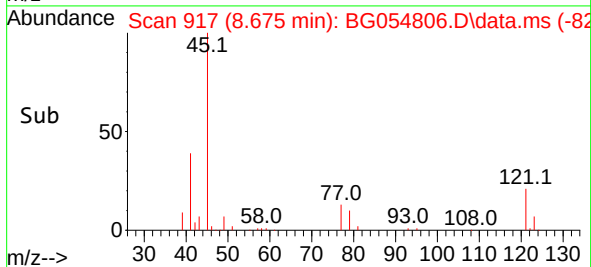
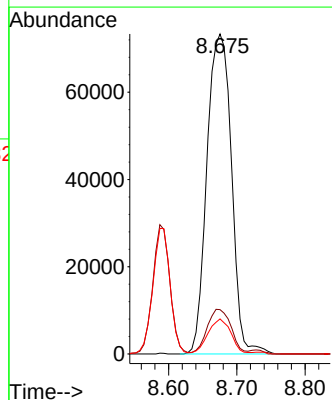
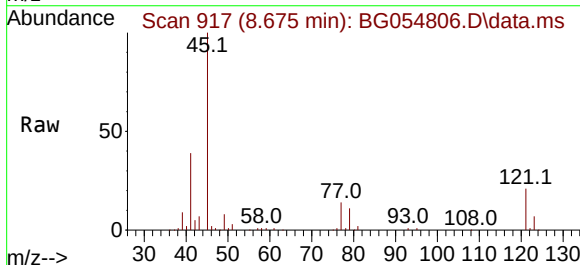
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

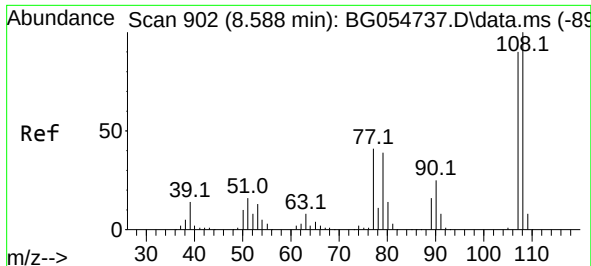
Tgt Ion: 79 Resp: 119112
Ion Ratio Lower Upper
79 100
108 79.3 63.4 95.0
77 64.0 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.022 ng
RT: 8.675 min Scan# 917
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion: 45 Resp: 183883
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.8
79 11.0 0.0 30.4





#17

2-Methylphenol

Concen: 49.354 ng

RT: 8.593 min Scan# 90

Delta R.T. 0.005 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

Instrument :

BNA_G

ClientSampleId :

WC-2MSD

Tgt Ion:107 Resp: 118157

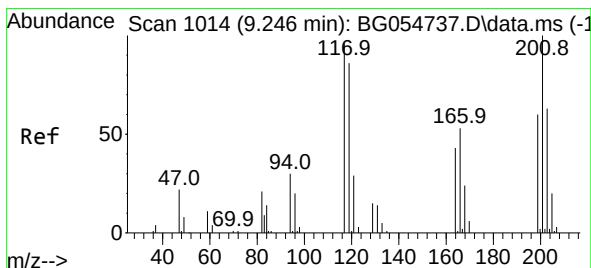
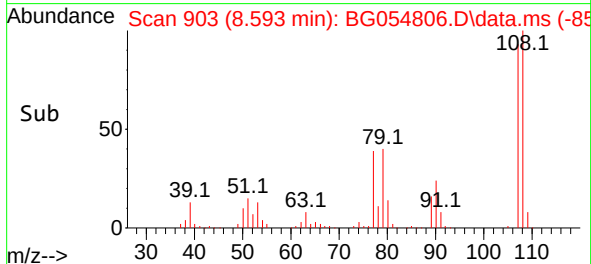
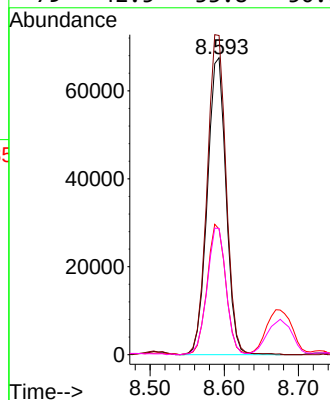
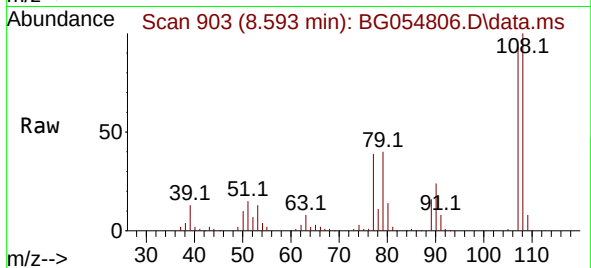
Ion Ratio Lower Upper

107 100

108 107.5 85.6 128.4

77 42.3 35.8 53.8

79 42.5 33.8 50.6



#18

Hexachloroethane

Concen: 43.912 ng

RT: 9.239 min Scan# 1013

Delta R.T. -0.007 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

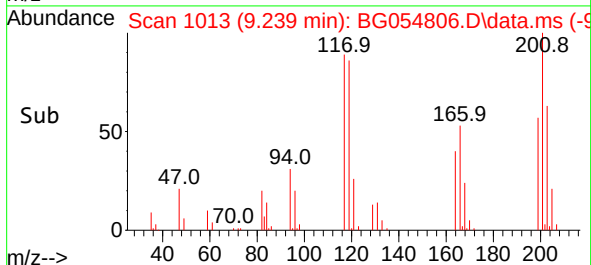
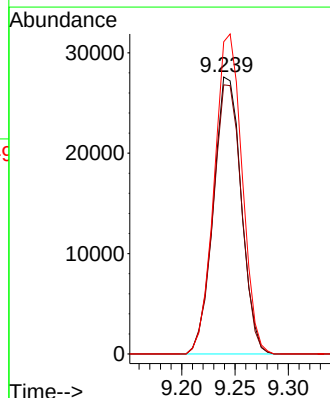
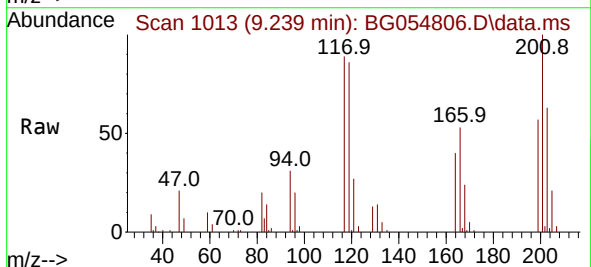
Tgt Ion:117 Resp: 50207

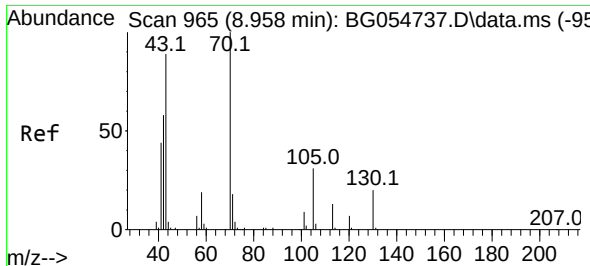
Ion Ratio Lower Upper

117 100

119 97.1 77.0 115.6

201 112.7 87.2 130.8

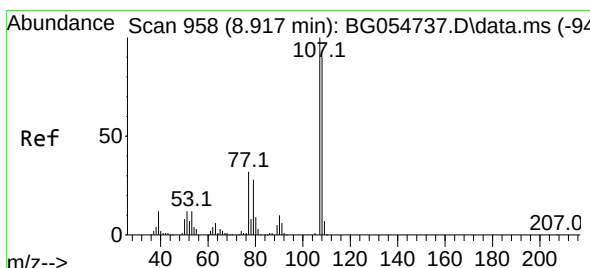
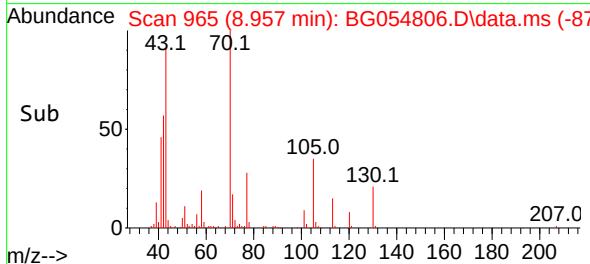
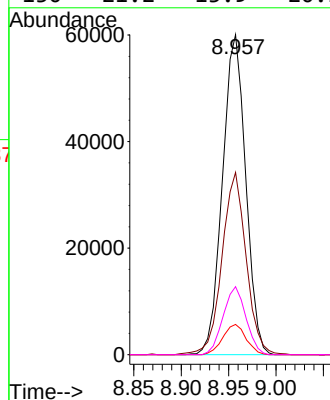
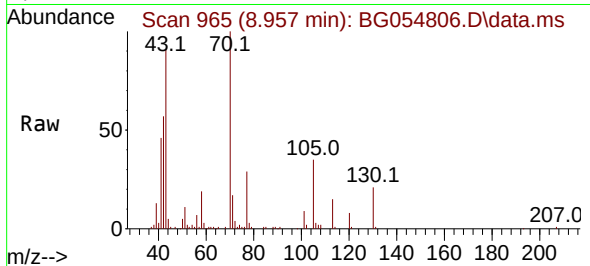




#19
n-Nitroso-di-n-propylamine
Concen: 44.009 ng
RT: 8.957 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

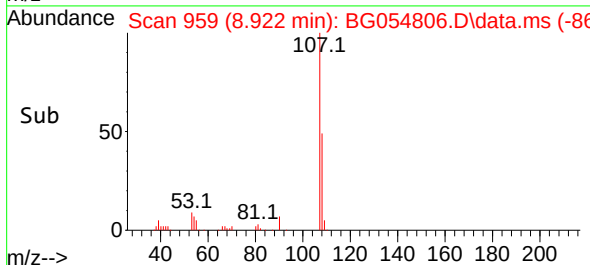
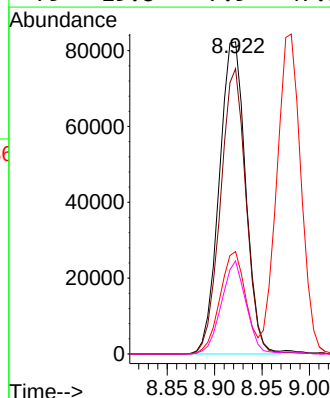
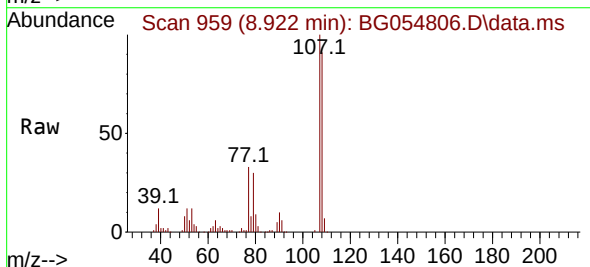
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

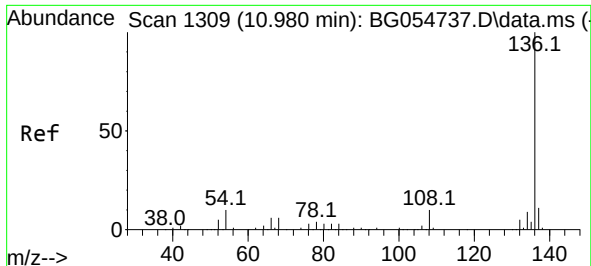
Tgt Ion: 70 Resp: 102327
Ion Ratio Lower Upper
70 100
42 56.9 46.6 69.8
101 9.5 7.7 11.5
130 21.2 13.9 20.9#



#20
3+4-Methylphenols
Concen: 48.090 ng
RT: 8.922 min Scan# 959
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:107 Resp: 159651
Ion Ratio Lower Upper
107 100
108 91.4 71.6 111.6
77 32.8 13.1 53.1
79 29.8 7.9 47.9

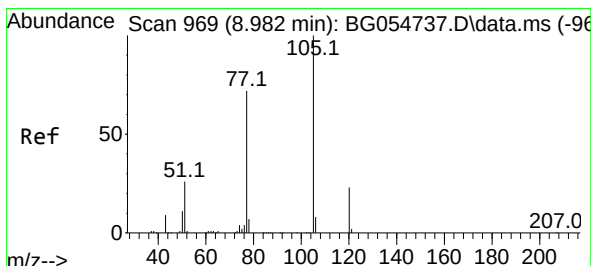
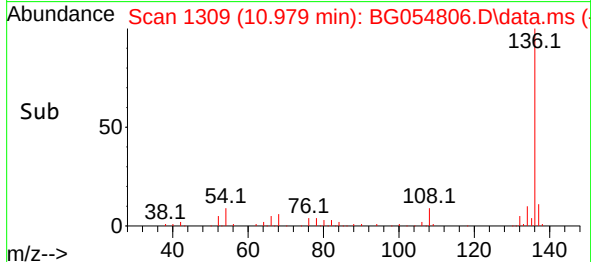
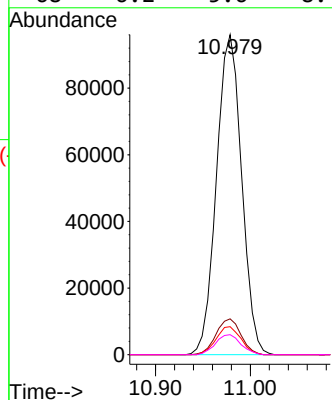
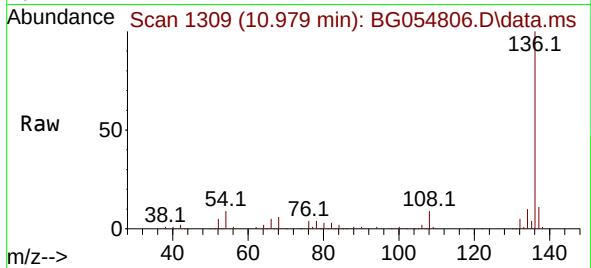




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

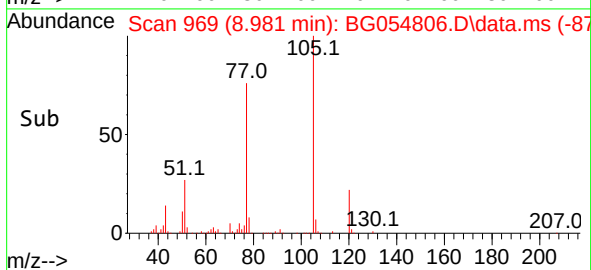
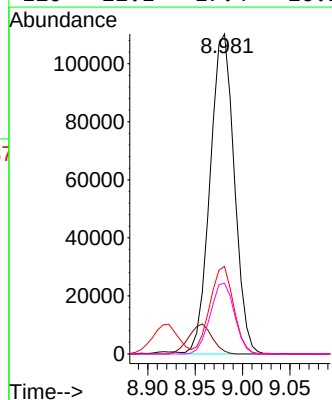
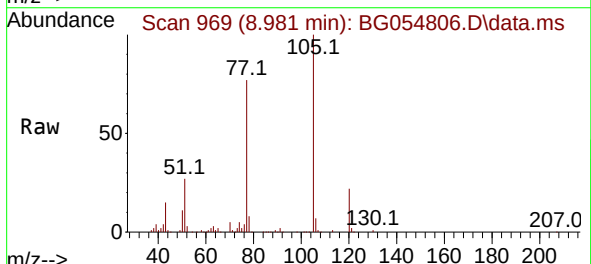
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

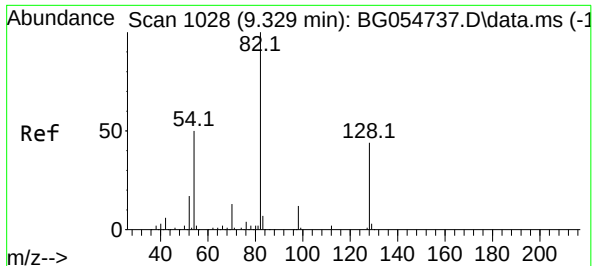
Tgt Ion:	136	Resp:	176874
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.7	7.7	11.5
68	6.2	5.6	8.4



#22
Acetophenone
Concen: 44.235 ng
RT: 8.981 min Scan# 969
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:	105	Resp:	195743
Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.2	1.8
51	27.4	22.9	34.3
120	22.1	17.4	26.2





#23

Nitrobenzene-d5

Concen: 67.162 ng

RT: 9.328 min Scan# 1028

Delta R.T. -0.001 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

Instrument :

BNA_G

ClientSampleId :

WC-2MSD

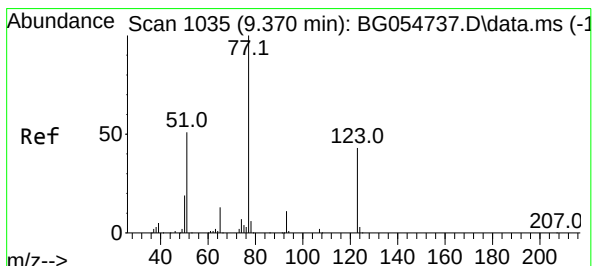
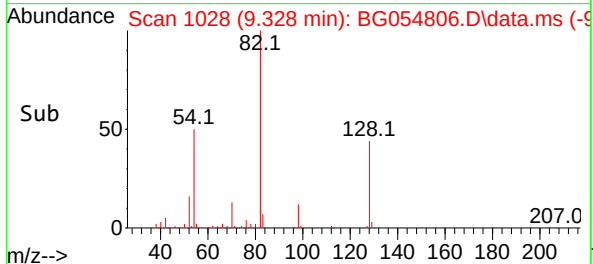
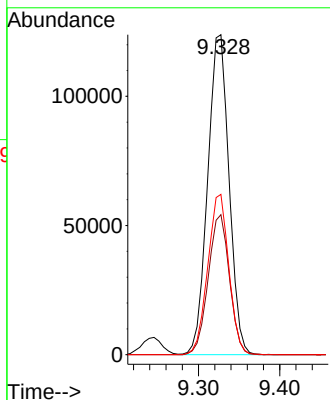
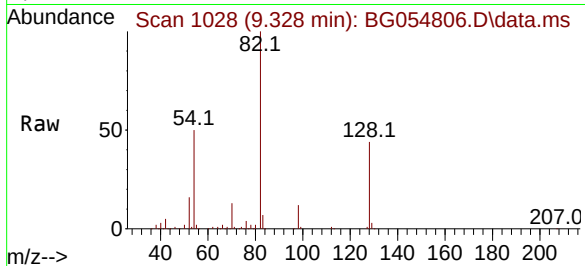
Tgt Ion: 82 Resp: 226285

Ion Ratio Lower Upper

82 100

128 43.8 32.2 48.2

54 50.1 41.4 62.0



#24

Nitrobenzene

Concen: 42.819 ng

RT: 9.369 min Scan# 1035

Delta R.T. -0.001 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

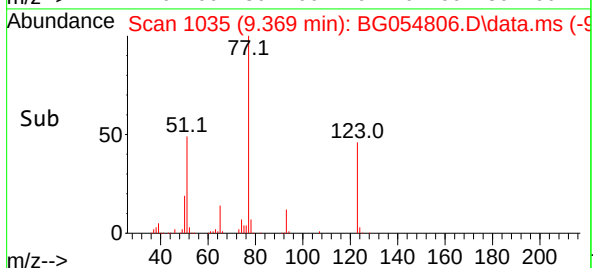
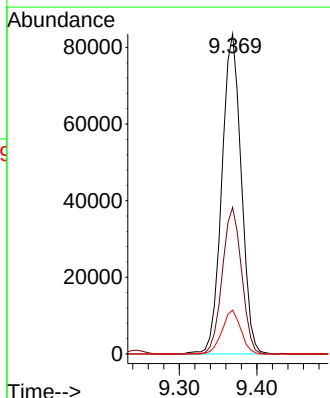
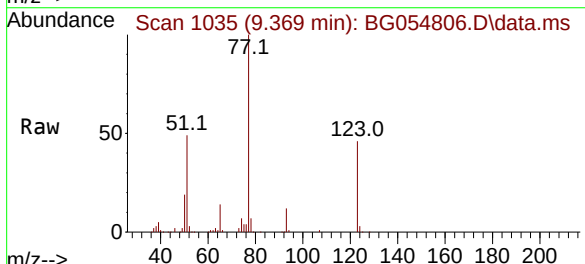
Tgt Ion: 77 Resp: 145412

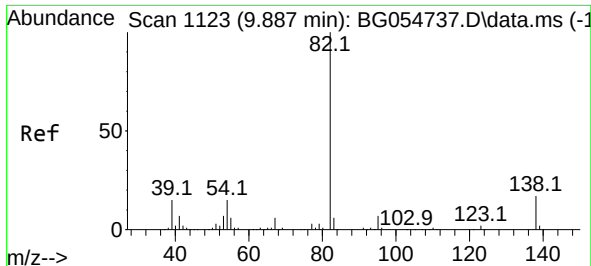
Ion Ratio Lower Upper

77 100

123 45.8 35.0 52.6

65 13.7 10.2 15.2

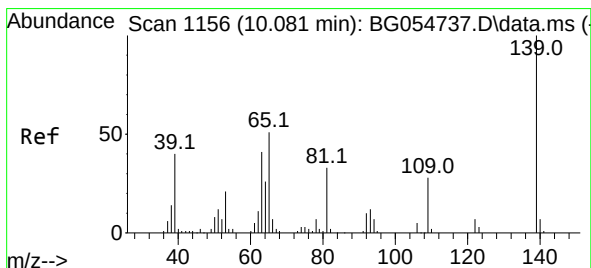
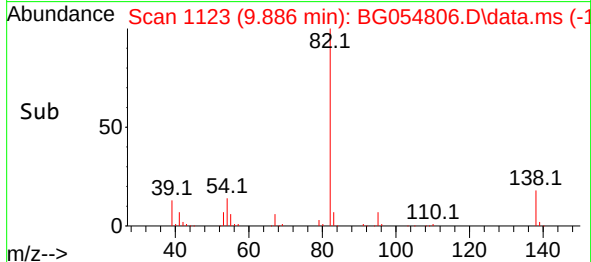
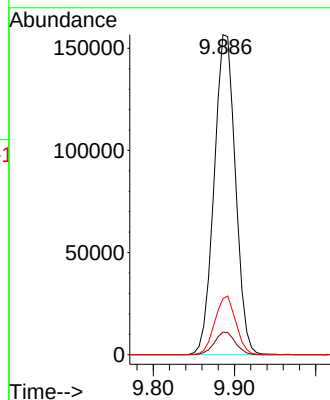
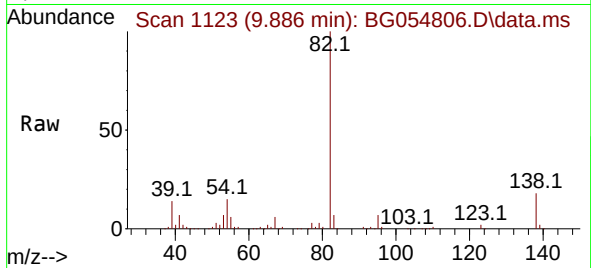




#25
Isophorone
Concen: 45.466 ng
RT: 9.886 min Scan# 1123
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

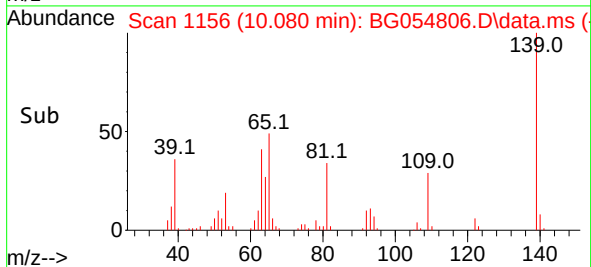
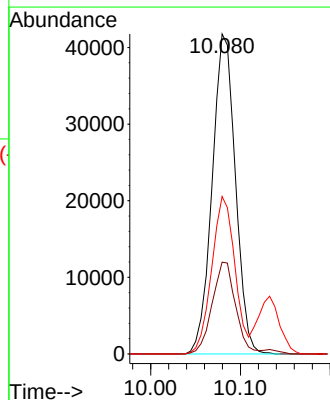
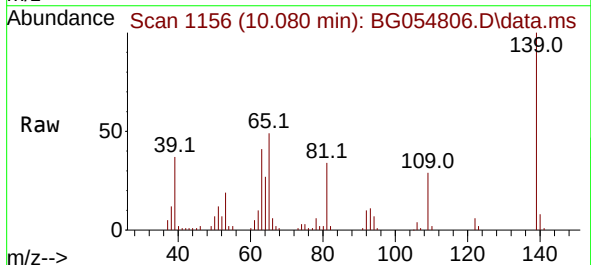
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

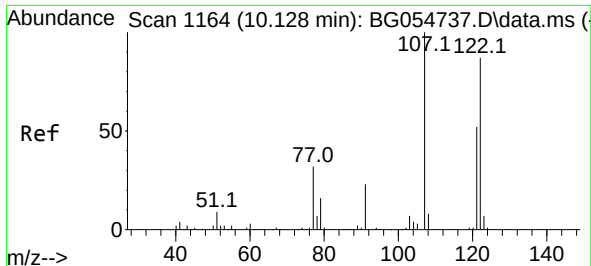
Tgt Ion: 82 Resp: 285628
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.5 13.9 20.9



#26
2-Nitrophenol
Concen: 50.026 ng
RT: 10.080 min Scan# 1156
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:139 Resp: 75044
Ion Ratio Lower Upper
139 100
109 28.7 21.8 32.6
65 49.2 37.4 56.0

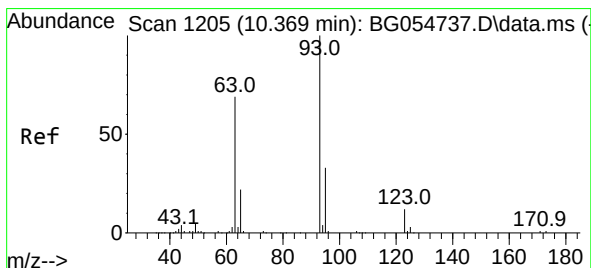
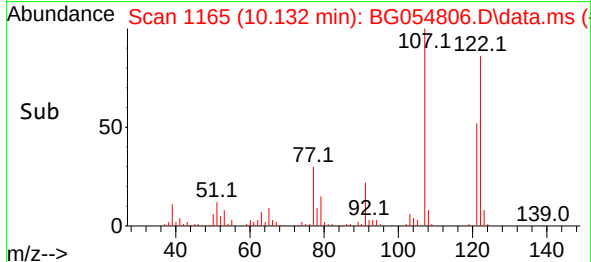
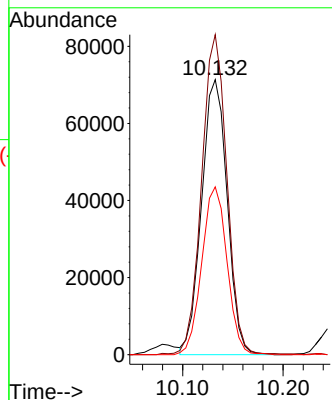
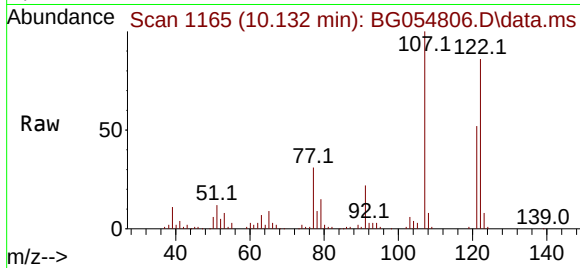




#27
2,4-Dimethylphenol
Concen: 53.360 ng
RT: 10.132 min Scan# 1165
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

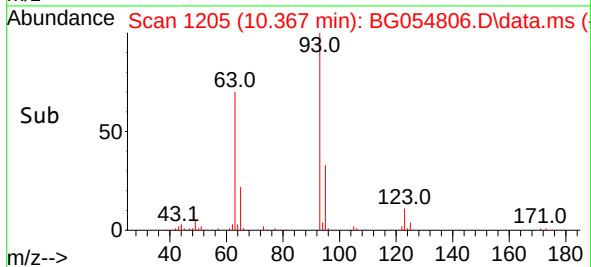
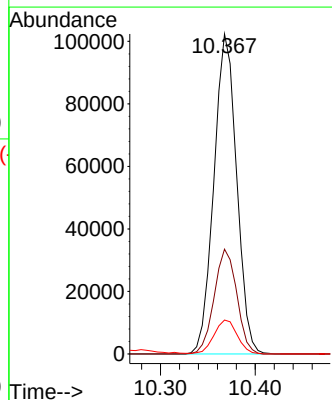
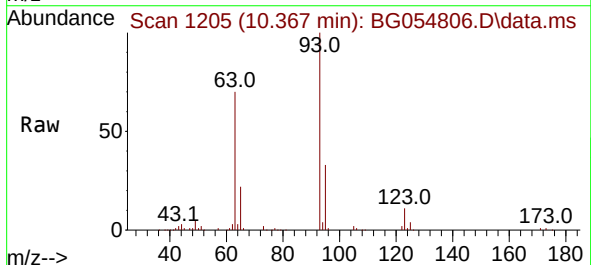
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

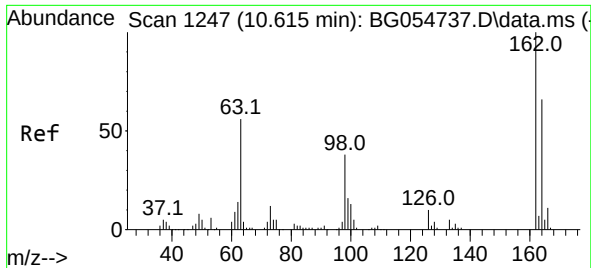
Tgt Ion:122 Resp: 126824
Ion Ratio Lower Upper
122 100
107 116.3 94.6 142.0
121 61.0 49.8 74.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.686 ng
RT: 10.367 min Scan# 1205
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion: 93 Resp: 170705
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 10.6 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 49.433 ng

RT: 10.620 min Scan# 1248

Delta R.T. 0.005 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

Instrument :

BNA_G

ClientSampleId :

WC-2MSD

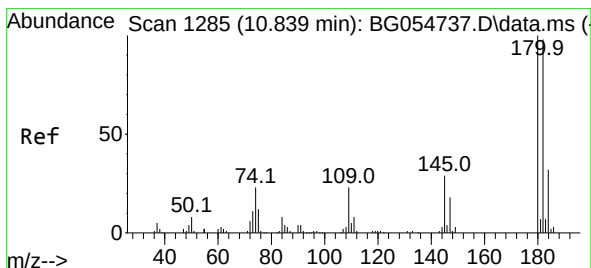
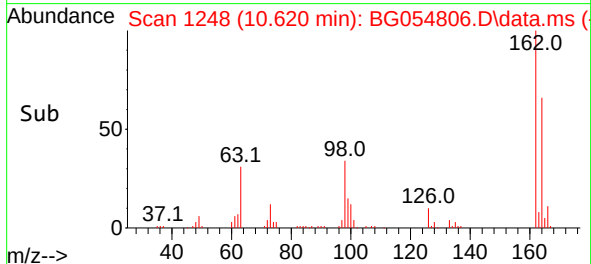
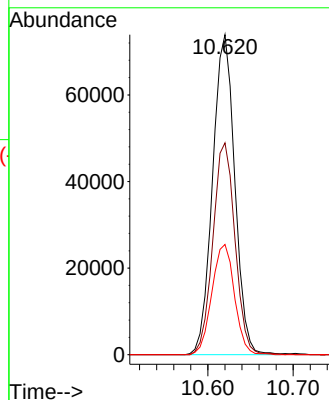
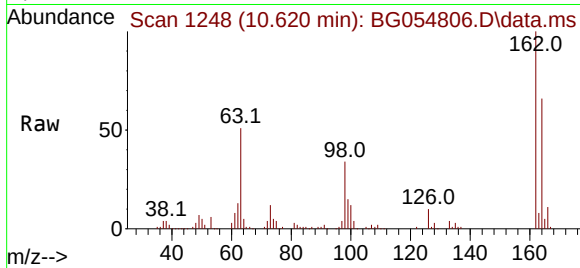
Tgt Ion:162 Resp: 133637

Ion Ratio Lower Upper

162 100

164 66.2 47.2 87.2

98 34.4 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 43.538 ng

RT: 10.838 min Scan# 1285

Delta R.T. -0.001 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

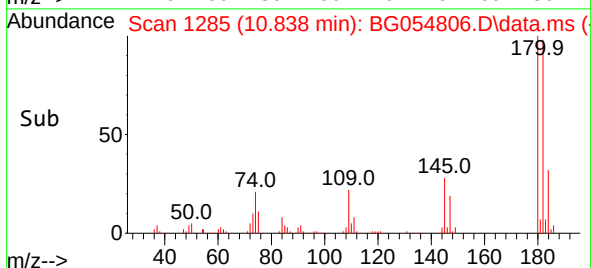
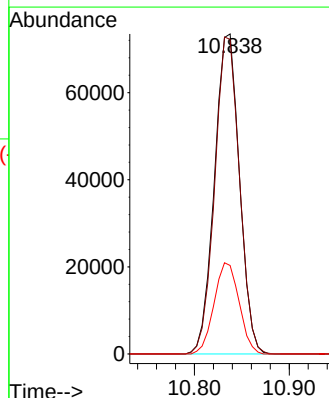
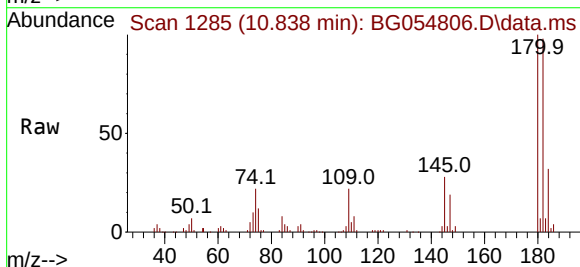
Tgt Ion:180 Resp: 134505

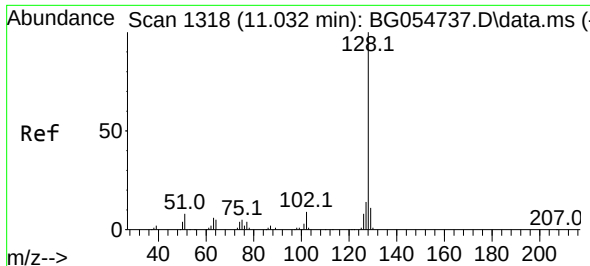
Ion Ratio Lower Upper

180 100

182 98.3 77.0 115.6

145 27.7 24.0 36.0

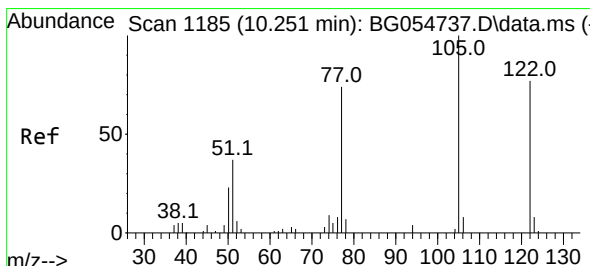
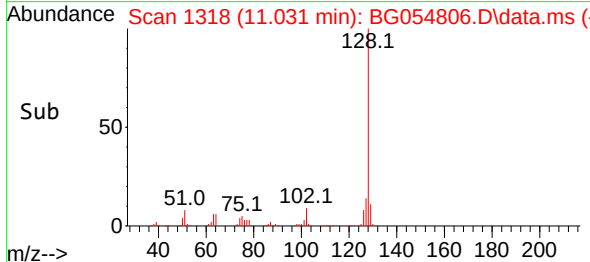
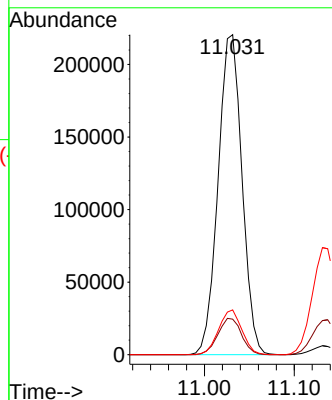
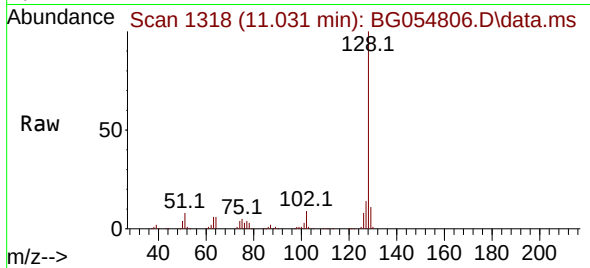




#31
Naphthalene
Concen: 42.958 ng
RT: 11.031 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

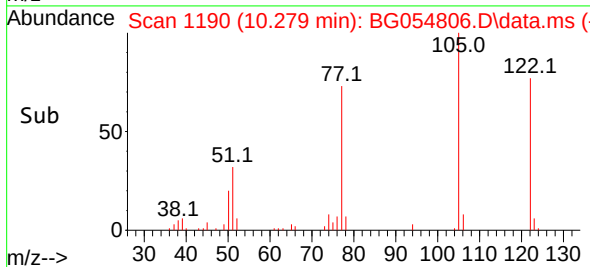
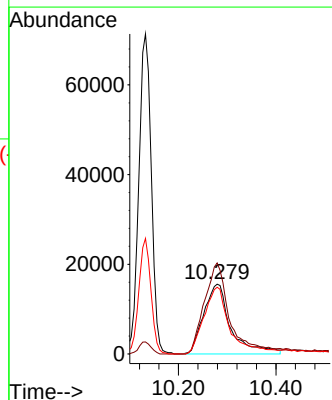
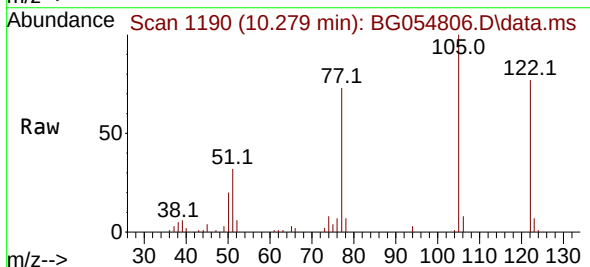
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

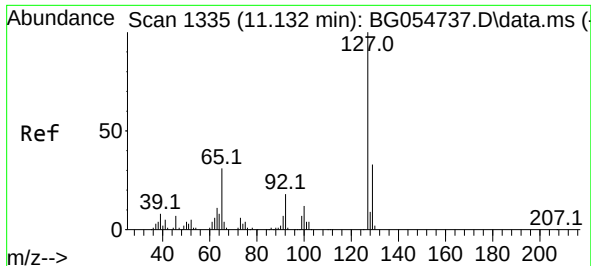
Tgt Ion:128 Resp: 407661
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 14.0 11.1 16.7



#32
Benzoic acid
Concen: 37.450 ng
RT: 10.279 min Scan# 1190
Delta R.T. 0.028 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:122 Resp: 60073
Ion Ratio Lower Upper
122 100
105 130.5 101.5 141.5
77 95.6 69.3 109.3

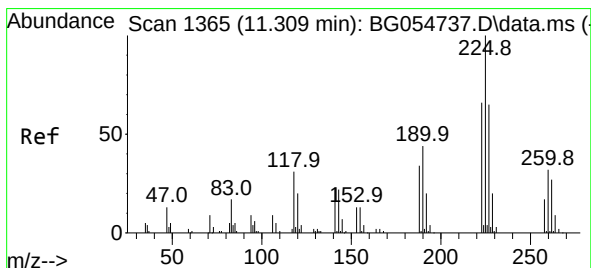
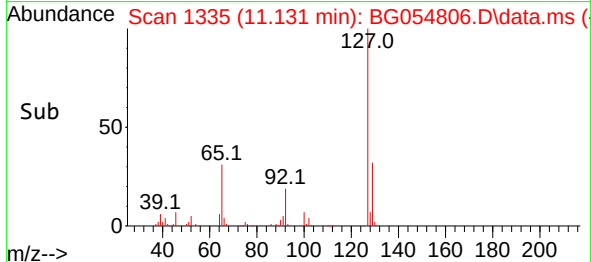
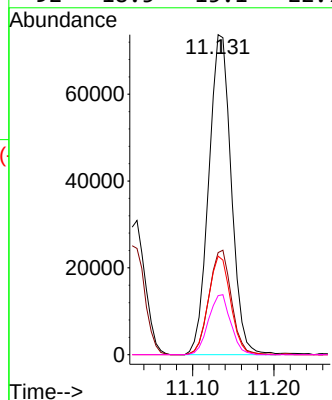
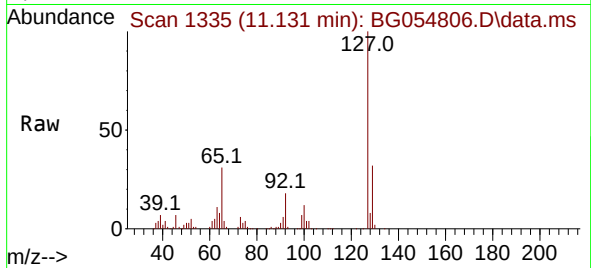




#33
4-Chloroaniline
Concen: 36.713 ng
RT: 11.131 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

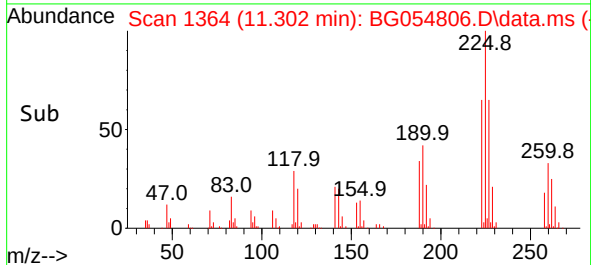
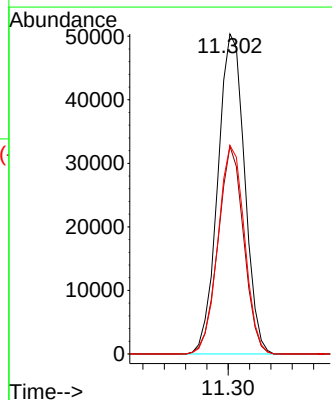
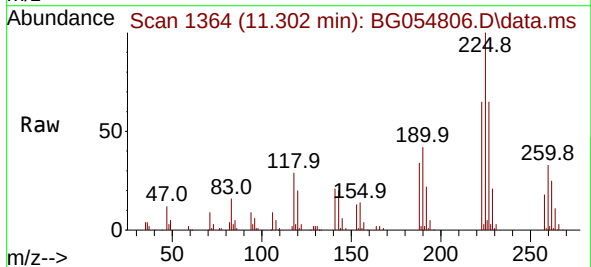
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

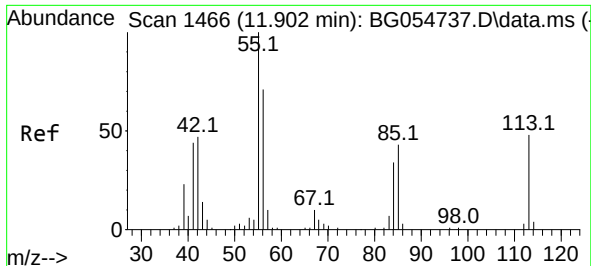
Tgt Ion:127	Resp: 142034
Ion Ratio	Lower Upper
127 100	
129 31.9	26.0 39.0
65 30.8	25.8 38.8
92 18.5	15.1 22.7



#34
Hexachlorobutadiene
Concen: 44.352 ng
RT: 11.302 min Scan# 1364
Delta R.T. -0.007 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:225	Resp: 87790
Ion Ratio	Lower Upper
225 100	
223 65.0	51.4 77.0
227 65.1	52.6 79.0

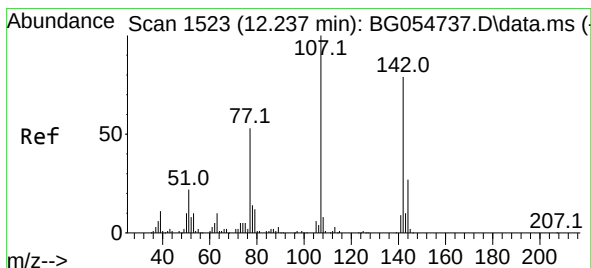
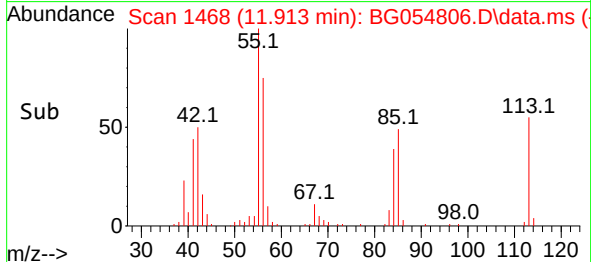
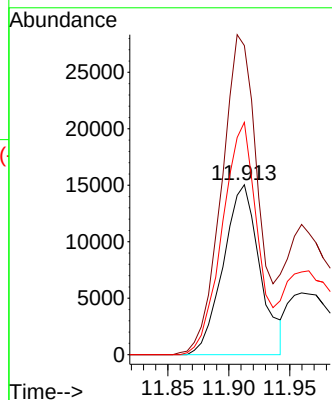
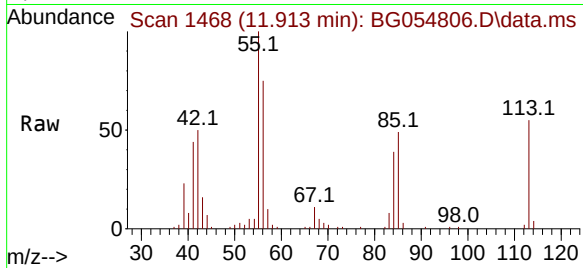




#35
 Caprolactam
 Concen: 32.876 ng
 RT: 11.913 min Scan# 1468
 Delta R.T. 0.011 min
 Lab File: BG054806.D
 Acq: 31 Aug 2022 14:37

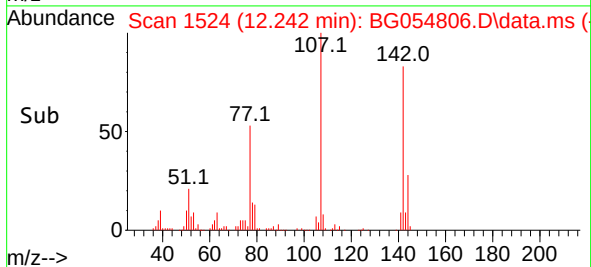
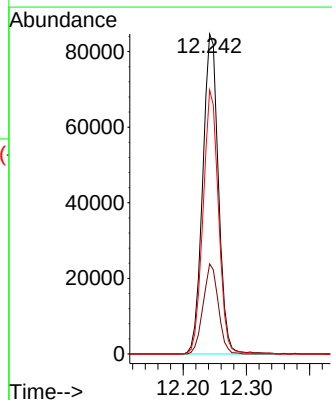
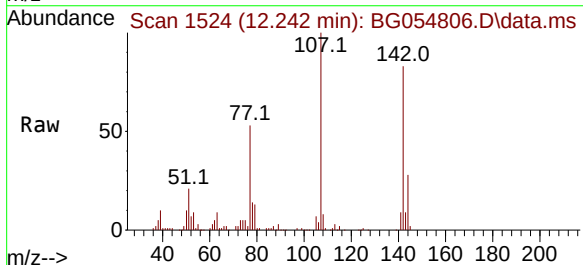
Instrument :
 BNA_G
 ClientSampleId :
 WC-2MSD

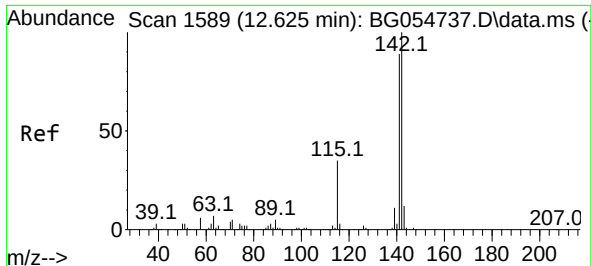
Tgt Ion:113 Resp: 31356
 Ion Ratio Lower Upper
 113 100
 55 182.0 179.1 219.1
 56 136.8 120.8 160.8



#36
 4-Chloro-3-methylphenol
 Concen: 49.403 ng
 RT: 12.242 min Scan# 1524
 Delta R.T. 0.005 min
 Lab File: BG054806.D
 Acq: 31 Aug 2022 14:37

Tgt Ion:107 Resp: 146049
 Ion Ratio Lower Upper
 107 100
 144 28.1 22.4 33.6
 142 82.5 65.8 98.8





#37

2-Methylnaphthalene

Concen: 44.019 ng

RT: 12.624 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

Instrument :

BNA_G

ClientSampleId :

WC-2MSD

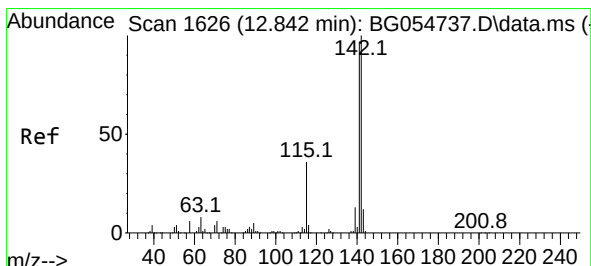
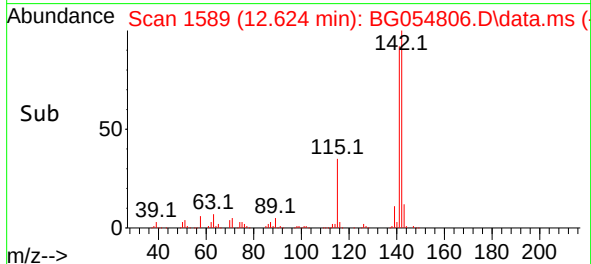
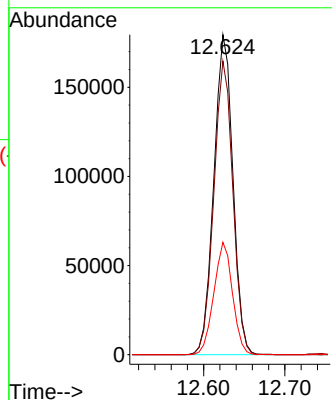
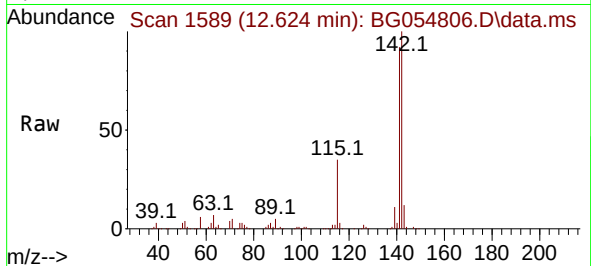
Tgt Ion:142 Resp: 292777

Ion Ratio Lower Upper

142 100

141 91.7 73.0 109.4

115 35.1 27.3 40.9



#38

1-Methylnaphthalene

Concen: 43.382 ng

RT: 12.841 min Scan# 1626

Delta R.T. -0.001 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

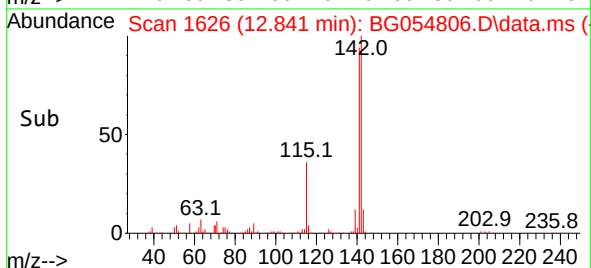
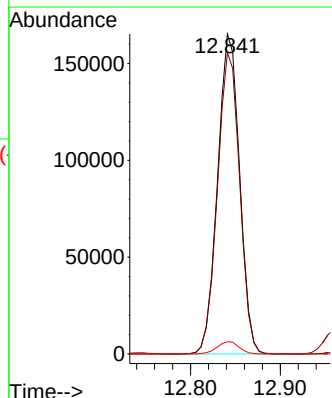
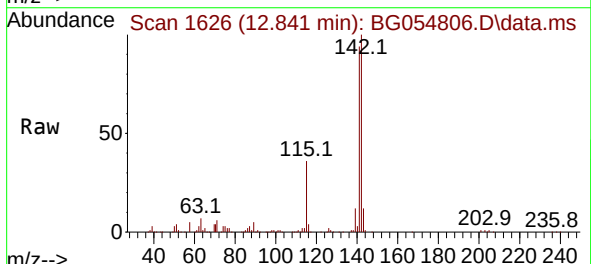
Tgt Ion:142 Resp: 280729

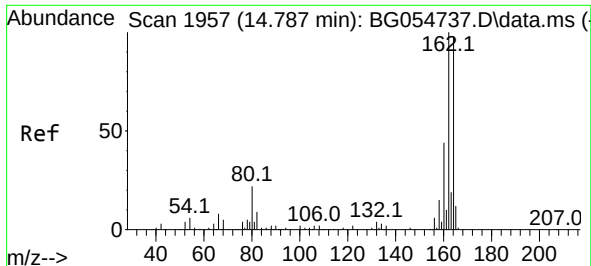
Ion Ratio Lower Upper

142 100

141 94.2 77.4 116.0

116 3.8 3.0 4.4

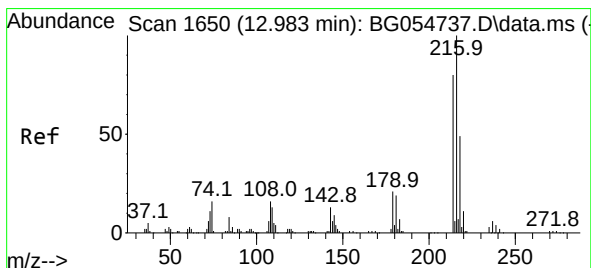
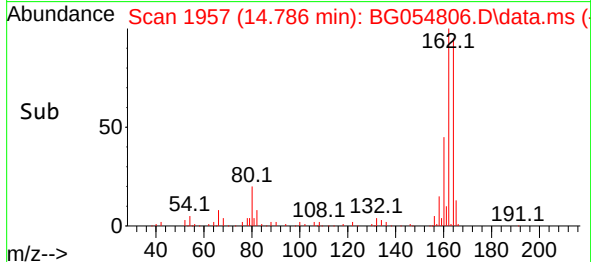
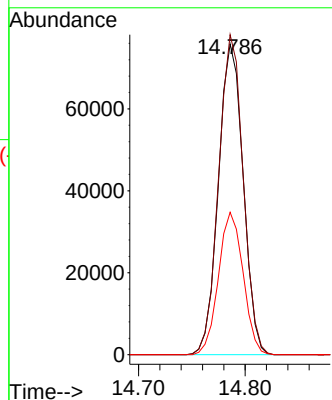
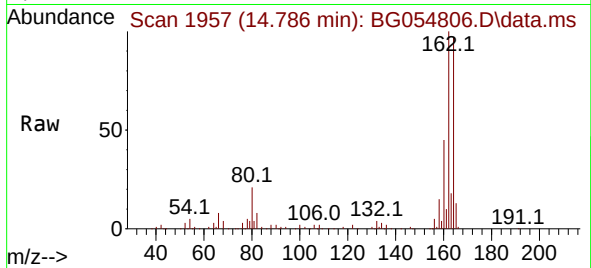




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

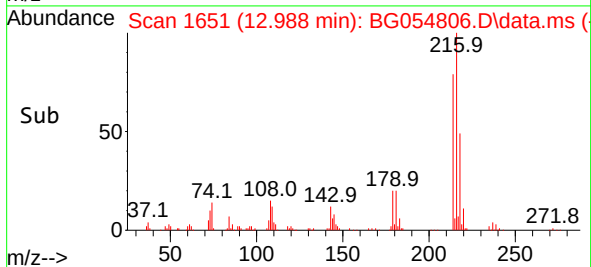
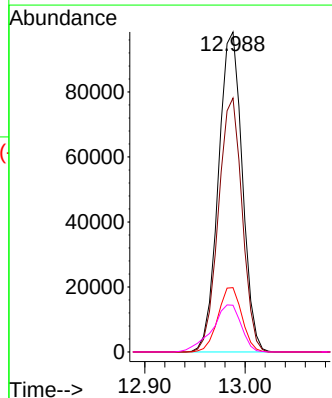
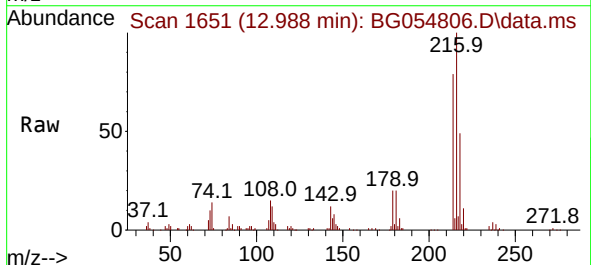
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

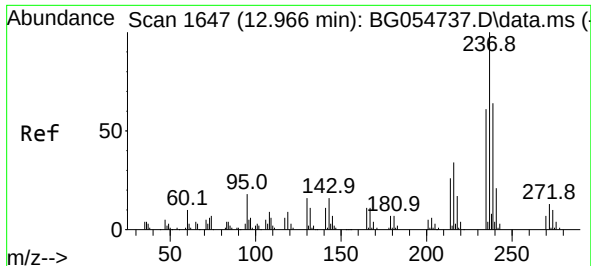
Tgt Ion:164 Resp: 122262
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.4
160 45.8 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.011 ng
RT: 12.988 min Scan# 1651
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:216 Resp: 162204
Ion Ratio Lower Upper
216 100
214 78.9 63.2 94.8
179 20.2 16.5 24.7
108 17.9 13.9 20.9

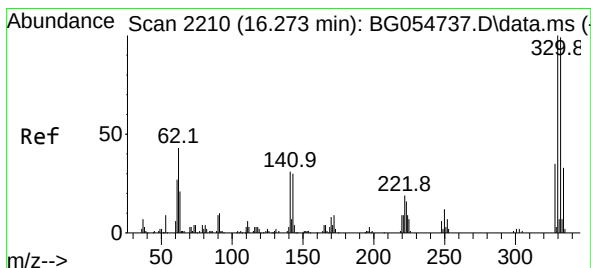
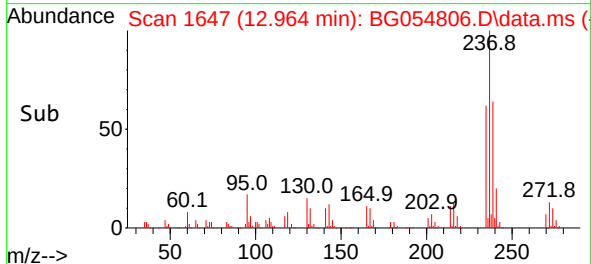
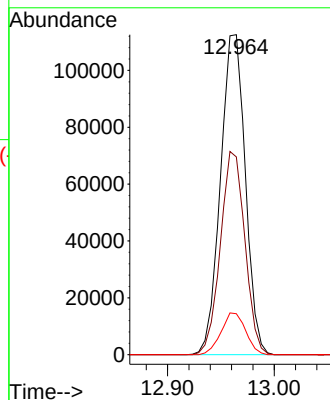
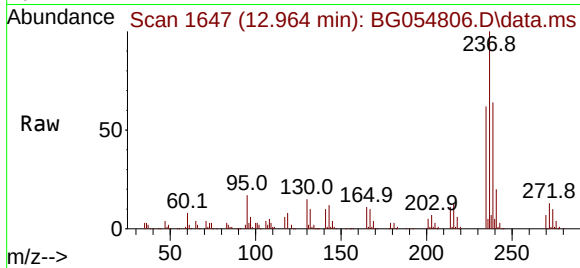




#41
Hexachlorocyclopentadiene
Concen: 93.213 ng
RT: 12.964 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

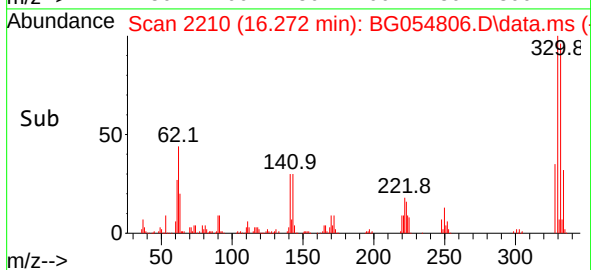
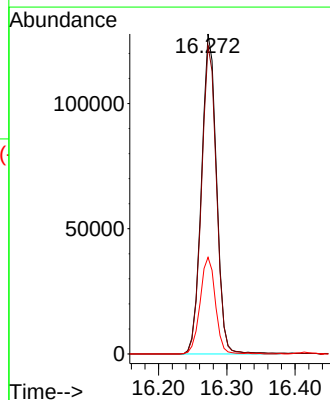
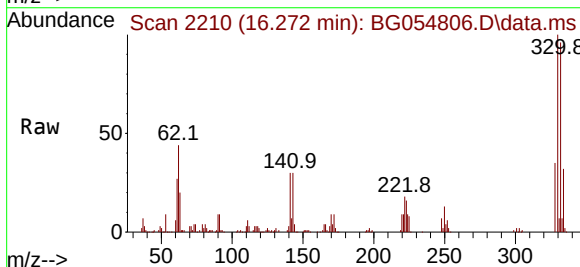
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

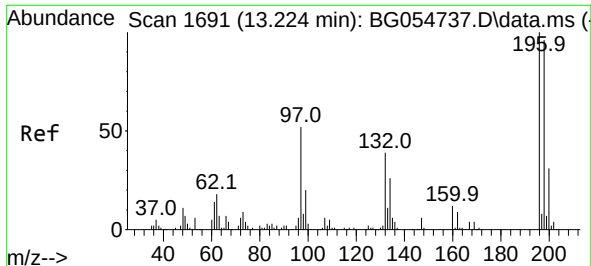
Tgt Ion:237 Resp: 182189
Ion Ratio Lower Upper
237 100
235 61.8 42.2 82.2
272 12.8 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 128.382 ng
RT: 16.272 min Scan# 2210
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:330 Resp: 196134
Ion Ratio Lower Upper
330 100
332 96.2 79.8 119.6
141 30.6 26.8 40.2

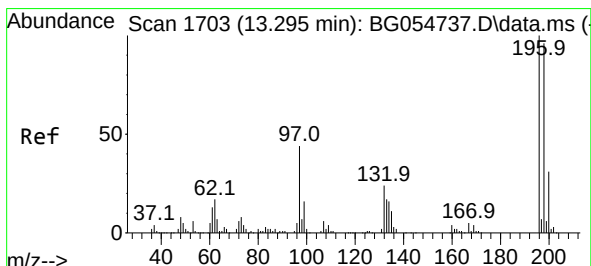
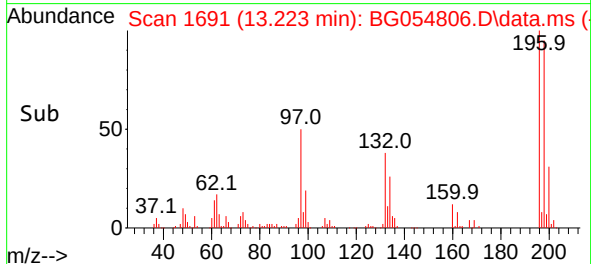
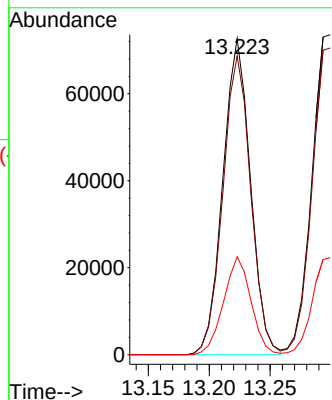
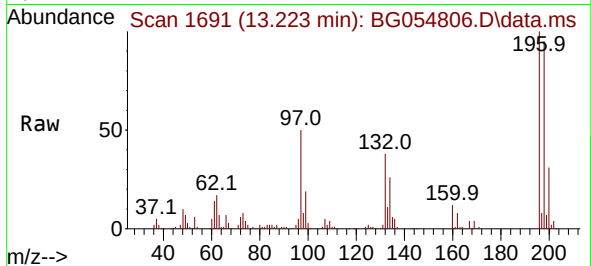




#43
2,4,6-Trichlorophenol
Concen: 46.822 ng
RT: 13.223 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

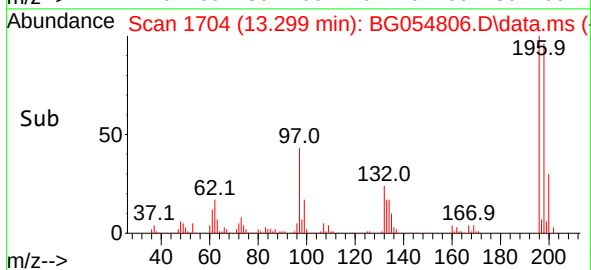
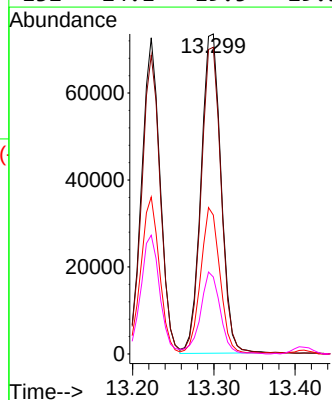
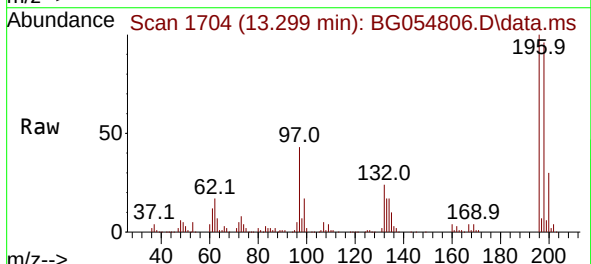
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

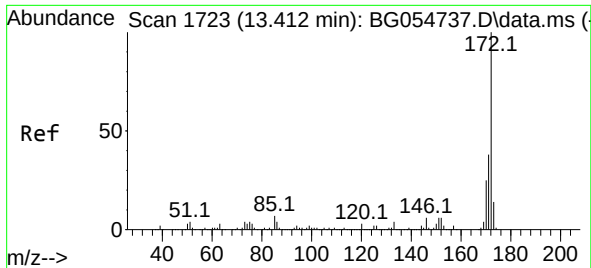
Tgt Ion:196 Resp: 114539
Ion Ratio Lower Upper
196 100
198 94.5 77.1 115.7
200 30.9 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 45.841 ng
RT: 13.299 min Scan# 1704
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:196 Resp: 125936
Ion Ratio Lower Upper
196 100
198 95.8 76.7 115.1
97 43.4 36.6 55.0
132 24.1 19.5 29.3

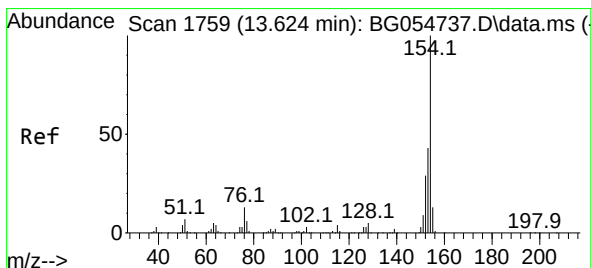
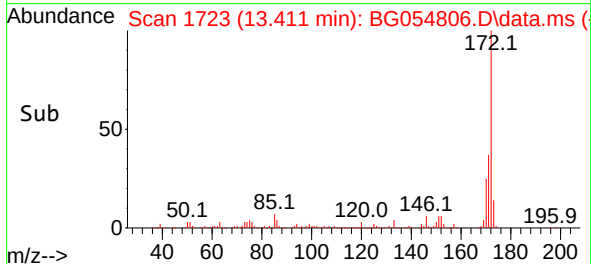
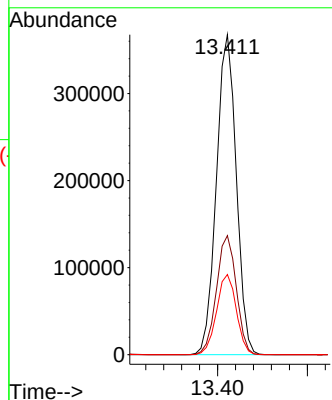
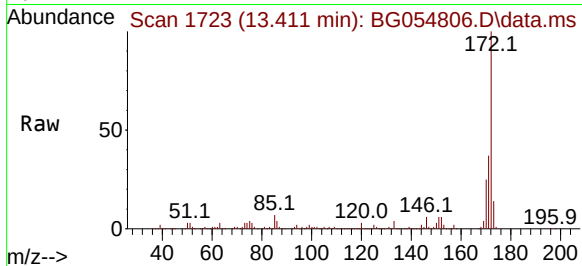




#45
2-Fluorobiphenyl
Concen: 69.291 ng
RT: 13.411 min Scan# 1723
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

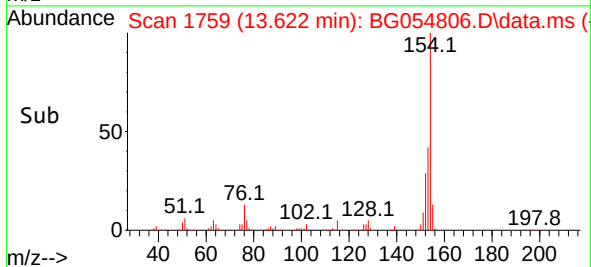
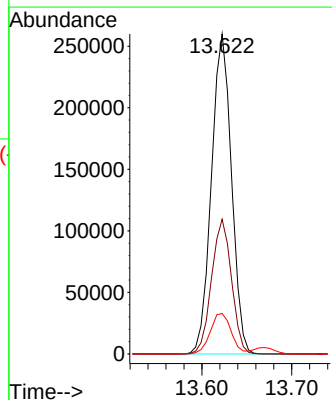
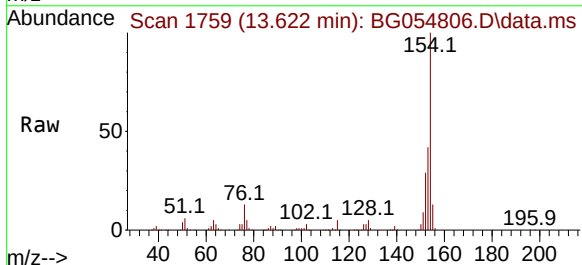
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

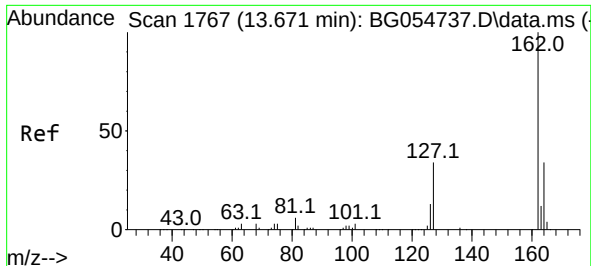
Tgt Ion:172 Resp: 563648
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 25.0 20.6 30.8



#46
1,1'-Biphenyl
Concen: 44.340 ng
RT: 13.622 min Scan# 1759
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:154 Resp: 402574
Ion Ratio Lower Upper
154 100
153 42.1 22.2 62.2
76 12.7 0.0 34.0

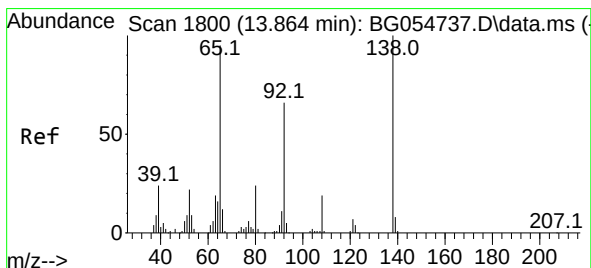
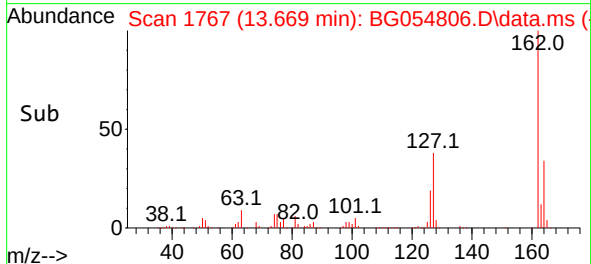
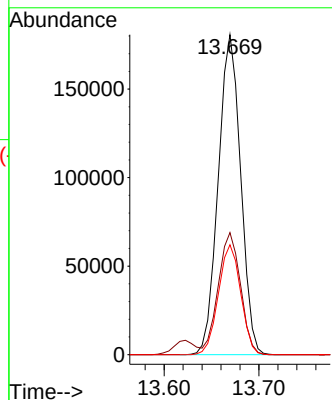
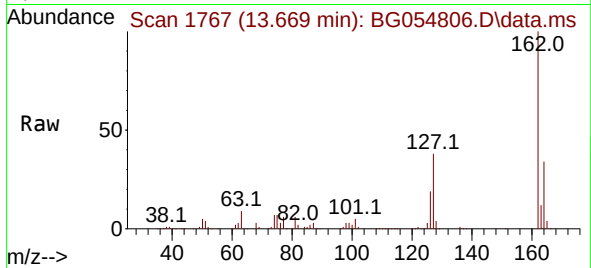




#47
2-Chloronaphthalene
Concen: 43.051 ng
RT: 13.669 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

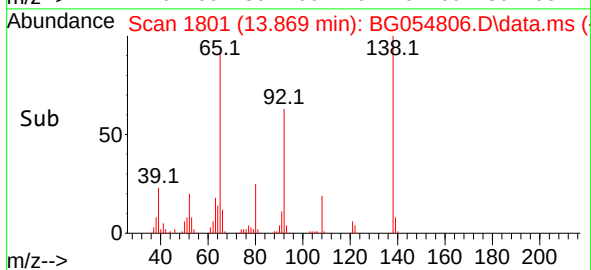
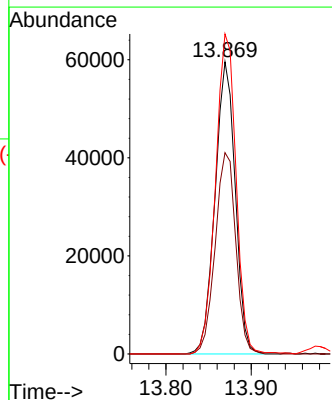
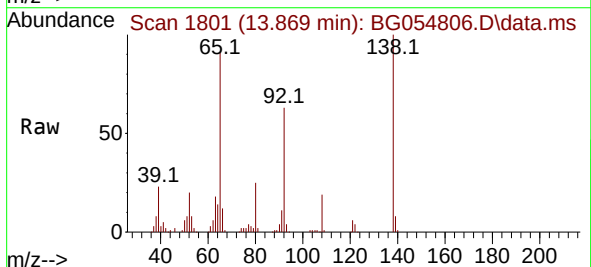
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

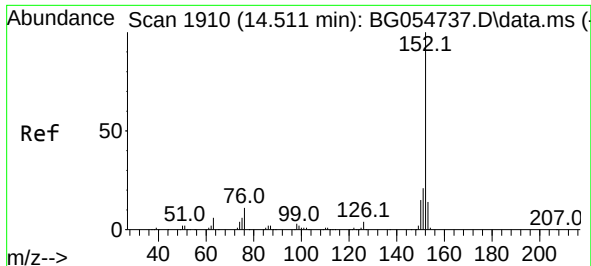
Tgt Ion:162 Resp: 296849
Ion Ratio Lower Upper
162 100
127 38.1 31.5 47.3
164 34.3 27.8 41.6



#48
2-Nitroaniline
Concen: 45.561 ng
RT: 13.869 min Scan# 1801
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion: 65 Resp: 98455
Ion Ratio Lower Upper
65 100
92 68.9 54.7 82.1
138 109.5 84.1 126.1

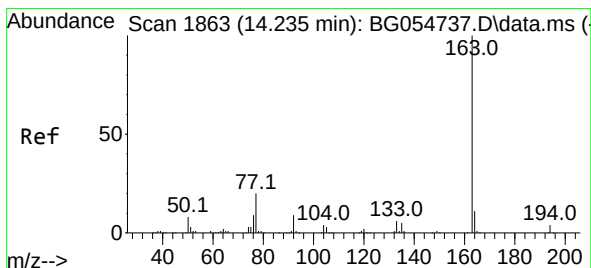
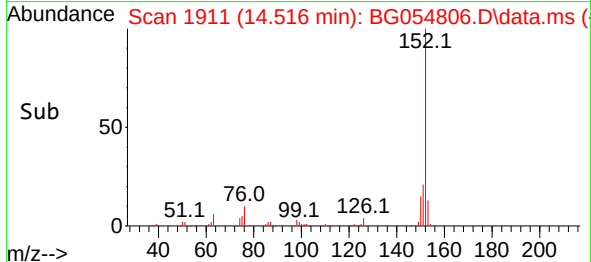
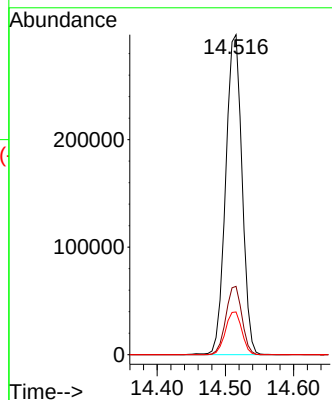
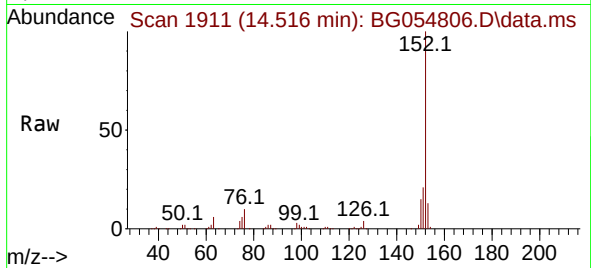




#49
Acenaphthylene
Concen: 43.602 ng
RT: 14.516 min Scan# 1910
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

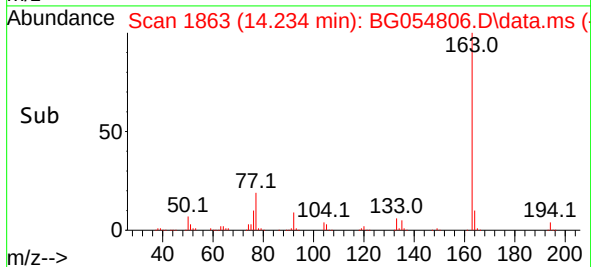
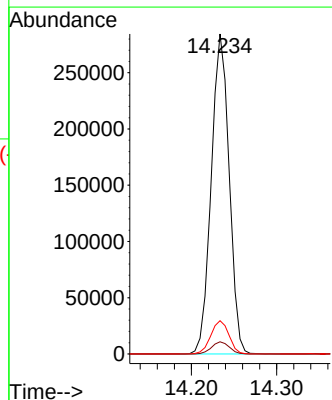
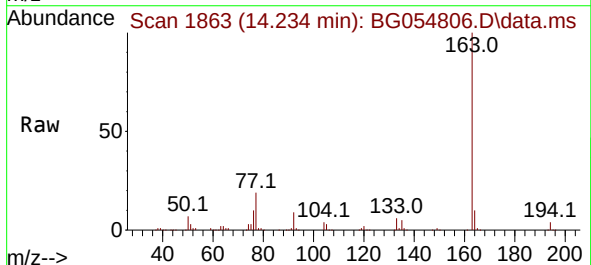
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

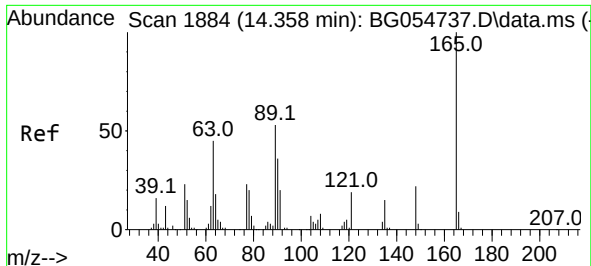
Tgt Ion:152 Resp: 496127
Ion Ratio Lower Upper
152 100
151 21.3 17.3 25.9
153 13.4 10.8 16.2



#50
Dimethylphthalate
Concen: 44.154 ng
RT: 14.234 min Scan# 1863
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:163 Resp: 415893
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.4 8.0 12.0

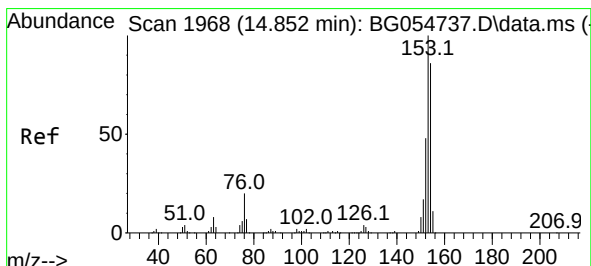
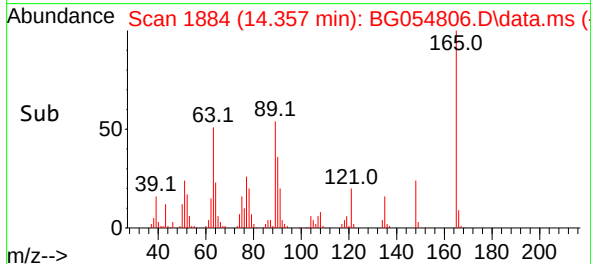
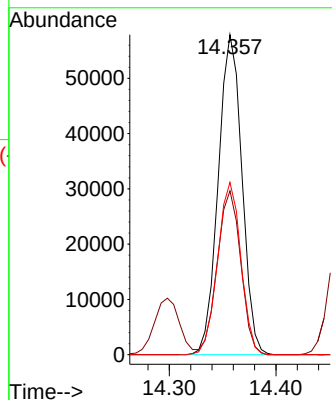
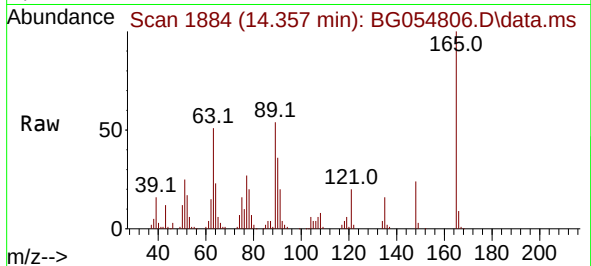




#51
2,6-Dinitrotoluene
Concen: 46.315 ng
RT: 14.357 min Scan# 1884
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

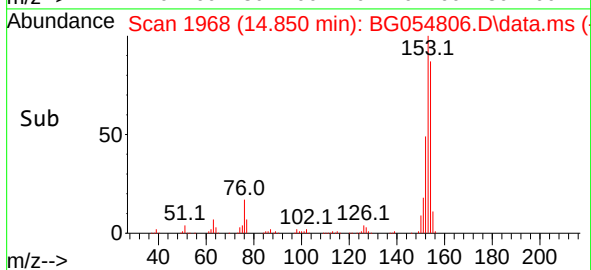
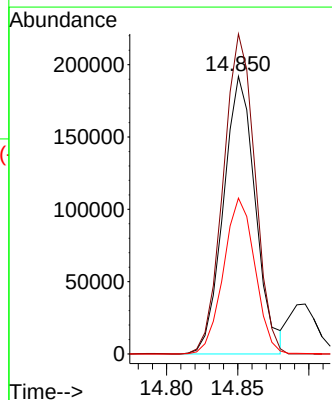
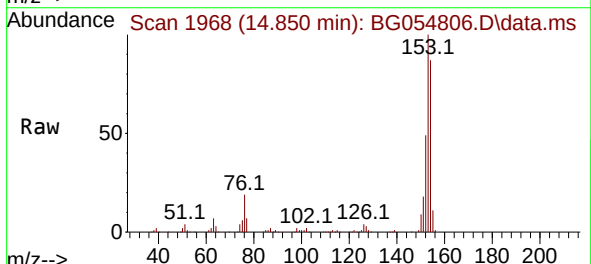
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

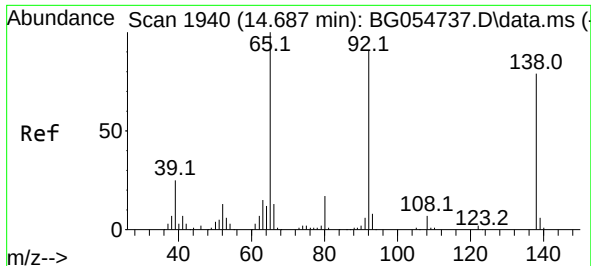
Tgt Ion:165 Resp: 89231
Ion Ratio Lower Upper
165 100
63 51.2 46.0 69.0
89 53.8 50.3 75.5



#52
Acenaphthene
Concen: 41.160 ng
RT: 14.850 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:154 Resp: 300836
Ion Ratio Lower Upper
154 100
153 115.3 92.8 139.2
152 56.1 45.4 68.2

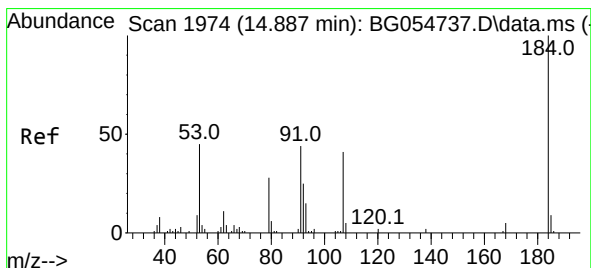
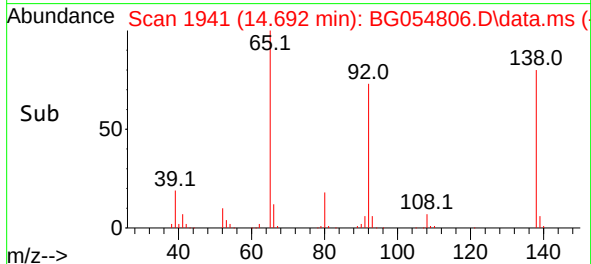
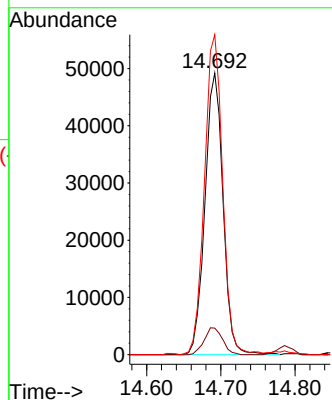
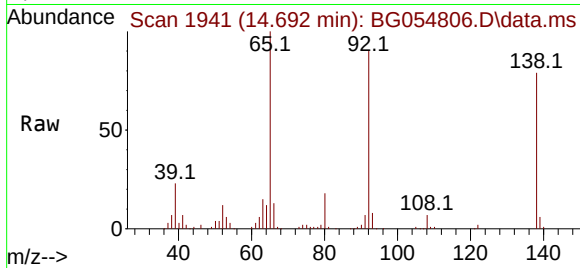




#53
3-Nitroaniline
Concen: 38.666 ng
RT: 14.692 min Scan# 1941
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

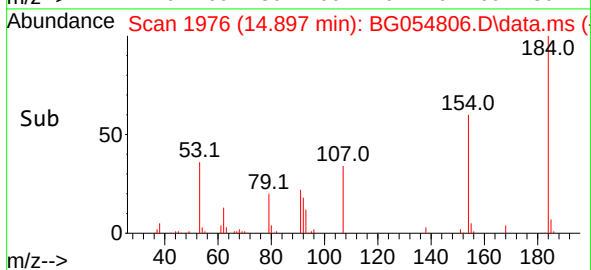
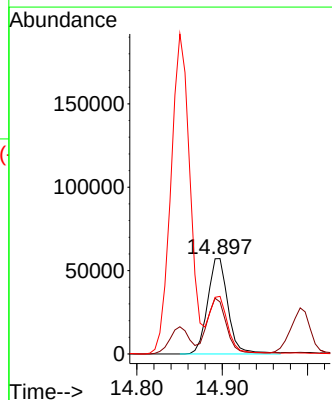
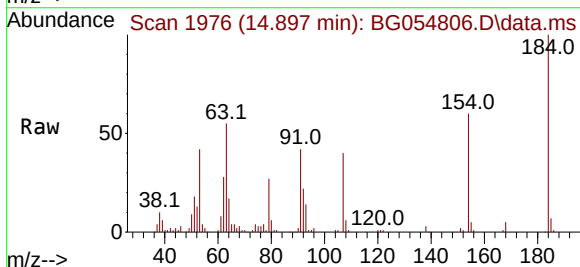
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

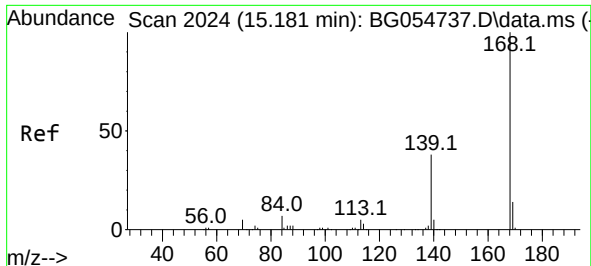
Tgt Ion:138 Resp: 83391
Ion Ratio Lower Upper
138 100
108 9.4 7.6 11.4
92 113.6 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 86.934 ng
RT: 14.897 min Scan# 1976
Delta R.T. 0.010 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

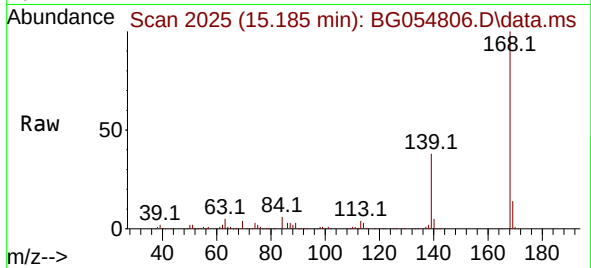
Tgt Ion:184 Resp: 95212
Ion Ratio Lower Upper
184 100
63 54.5 41.8 62.8
154 60.4 45.2 67.8



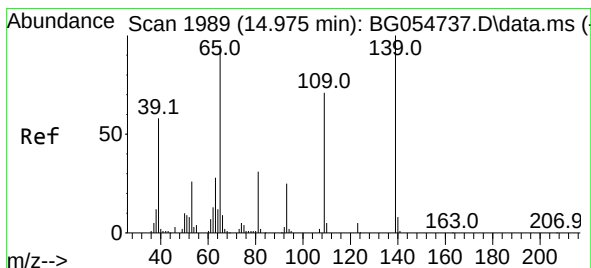
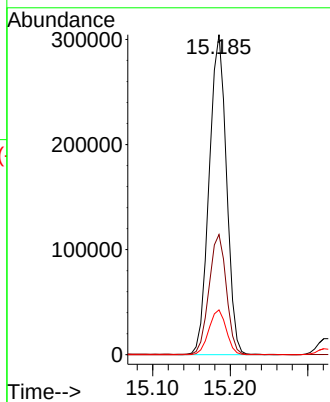
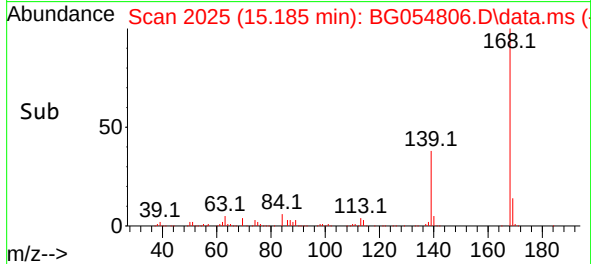


#55
Dibenzofuran
Concen: 43.903 ng
RT: 15.185 min Scan# 20
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

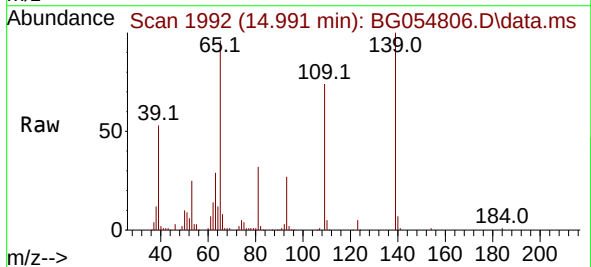
Instrument :
BNA_G
ClientSampleId :
WC-2MSD



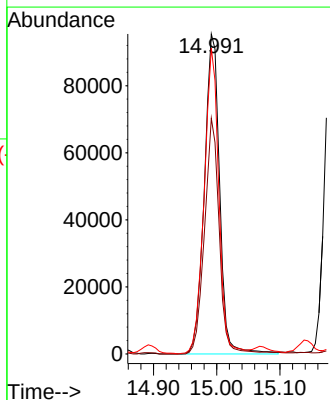
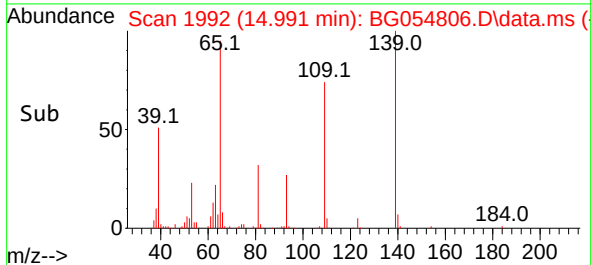
Tgt Ion:168 Resp: 471519
Ion Ratio Lower Upper
168 100
139 37.6 30.2 45.2
169 14.0 11.3 16.9

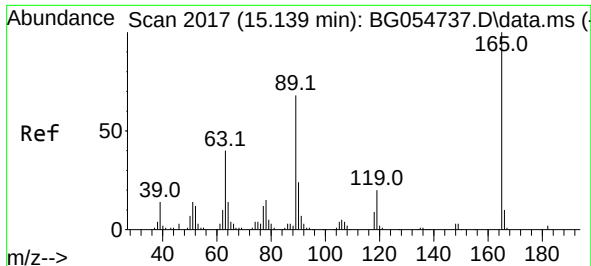


#56
4-Nitrophenol
Concen: 96.071 ng
RT: 14.991 min Scan# 1992
Delta R.T. 0.017 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37



Tgt Ion:139 Resp: 160343
Ion Ratio Lower Upper
139 100
109 73.7 50.5 90.5
65 95.6 79.9 119.9

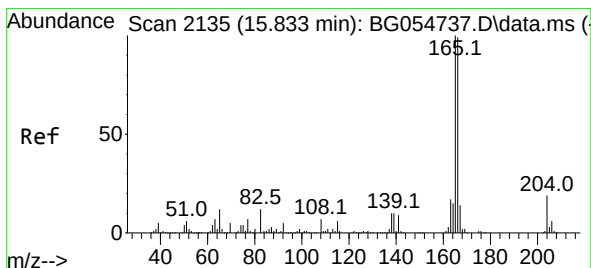
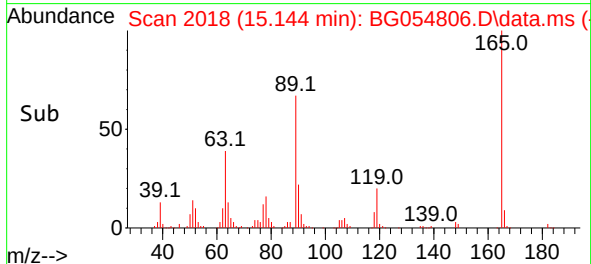
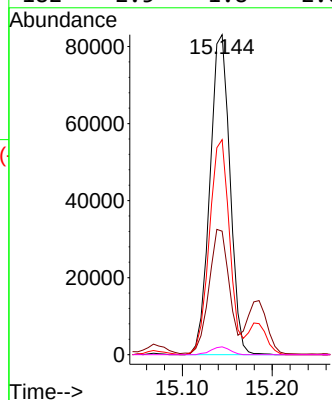
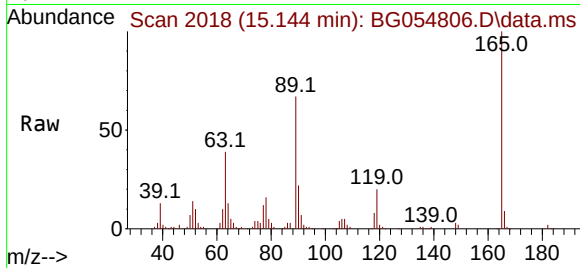




#57
2,4-Dinitrotoluene
Concen: 48.269 ng
RT: 15.144 min Scan# 2018
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

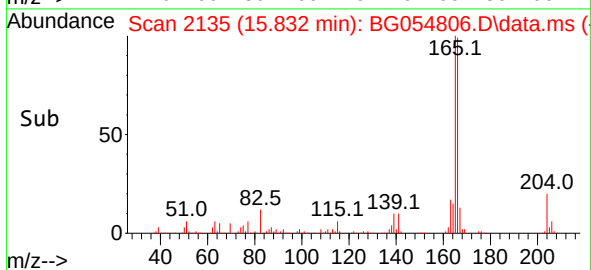
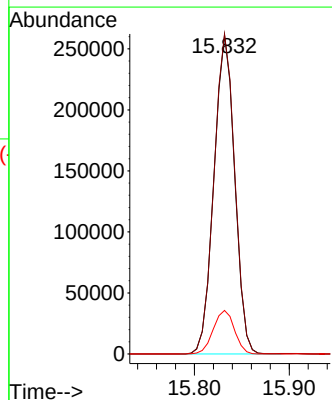
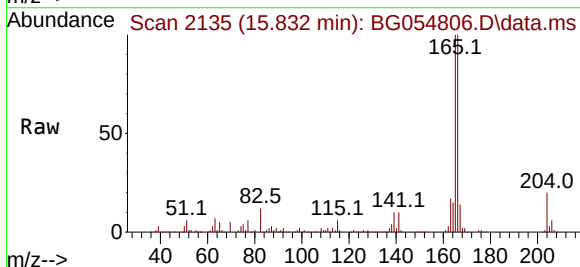
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

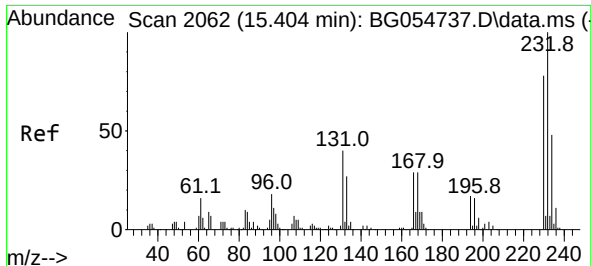
Tgt Ion:165 Resp: 128630
Ion Ratio Lower Upper
165 100
63 38.6 36.8 55.2
89 67.2 64.3 96.5
182 2.5 1.8 2.6



#58
Fluorene
Concen: 43.914 ng
RT: 15.832 min Scan# 2135
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:166 Resp: 397317
Ion Ratio Lower Upper
166 100
165 100.3 80.8 121.2
167 13.7 11.4 17.0

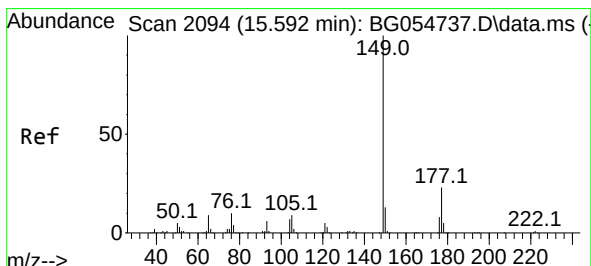
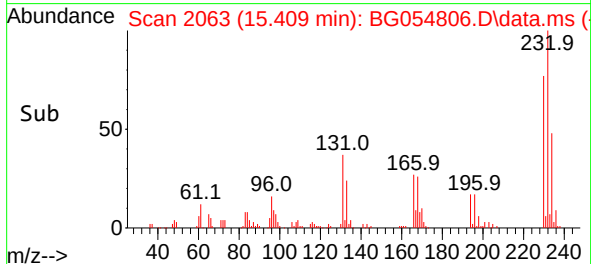
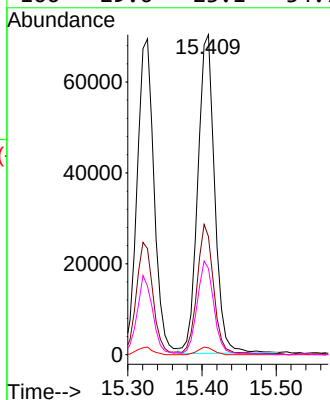
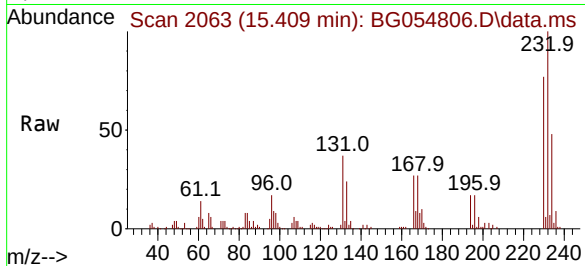




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.635 ng
RT: 15.409 min Scan# 2063
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

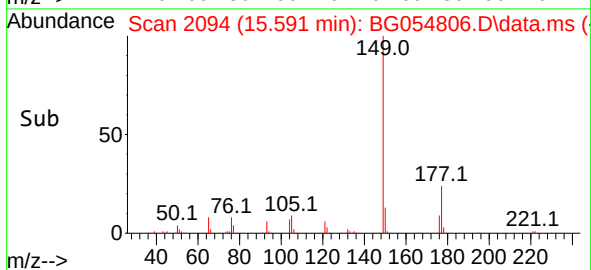
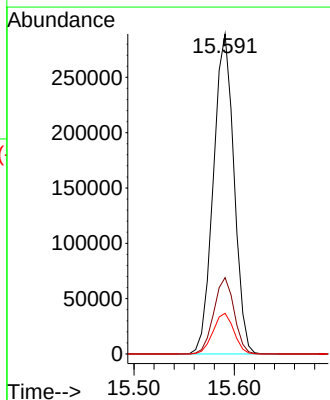
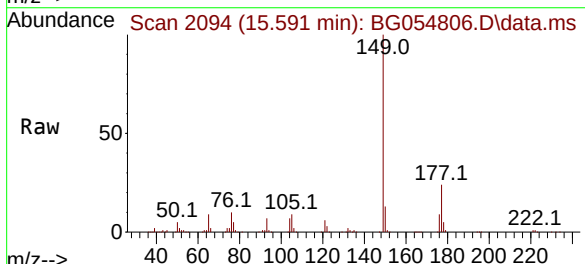
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

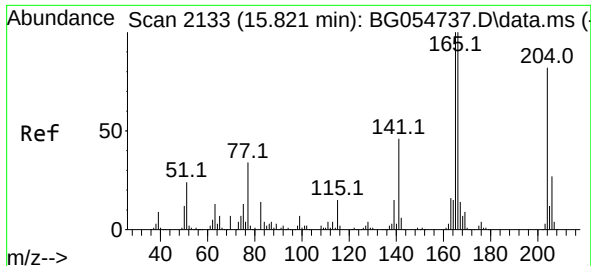
Tgt Ion:232	Resp:	110538
Ion Ratio	Lower	Upper
232	100	
131	39.7	31.3 46.9
130	2.2	1.8 2.6
166	29.6	23.1 34.7



#60
Diethylphthalate
Concen: 43.783 ng
RT: 15.591 min Scan# 2094
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:149	Resp:	411809
Ion Ratio	Lower	Upper
149	100	
177	23.9	17.8 26.6
150	12.7	10.1 15.1

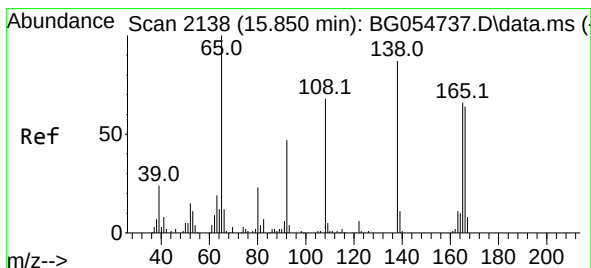
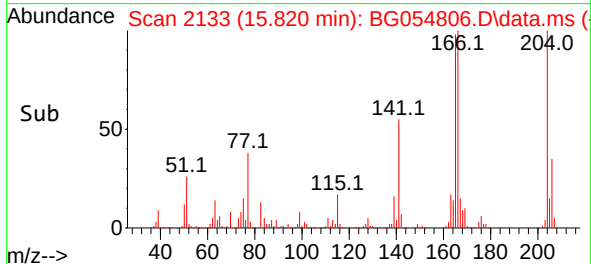
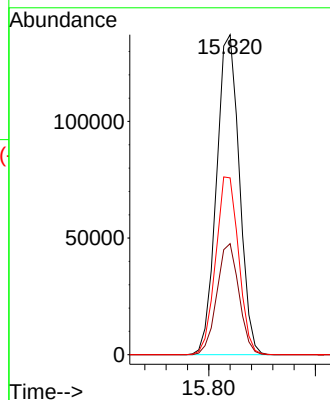
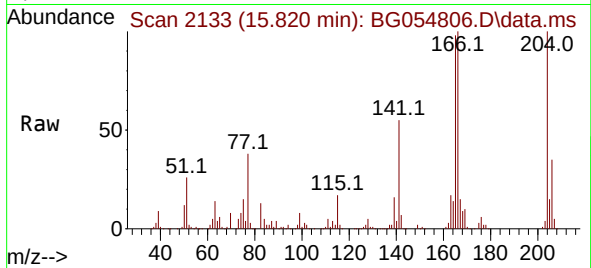




#61
4-Chlorophenyl-phenylether
Concen: 45.616 ng
RT: 15.820 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

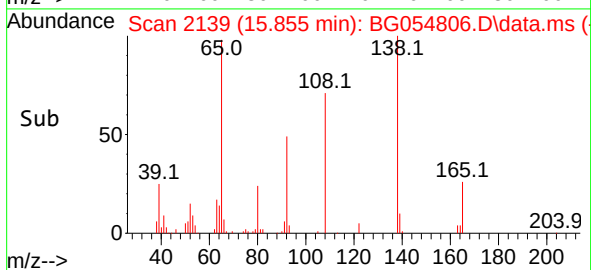
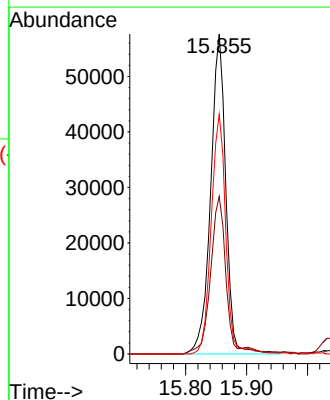
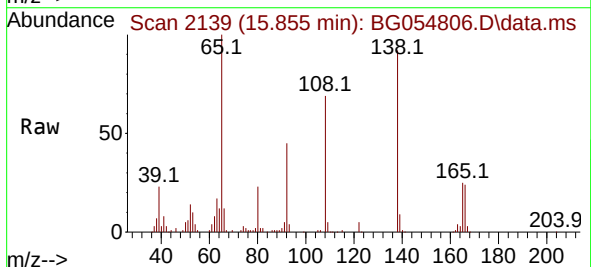
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

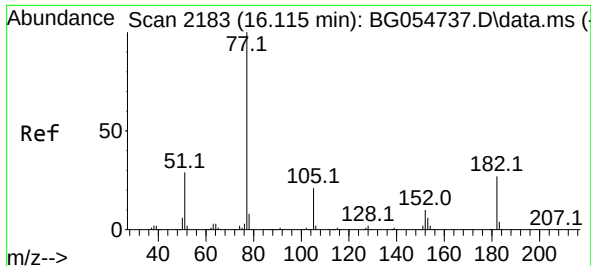
Tgt Ion:204 Resp: 203602
Ion Ratio Lower Upper
204 100
206 34.7 26.6 39.8
141 55.3 44.9 67.3



#62
4-Nitroaniline
Concen: 45.417 ng
RT: 15.855 min Scan# 2139
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:138 Resp: 100007
Ion Ratio Lower Upper
138 100
92 49.2 34.7 74.7
108 74.9 56.2 96.2

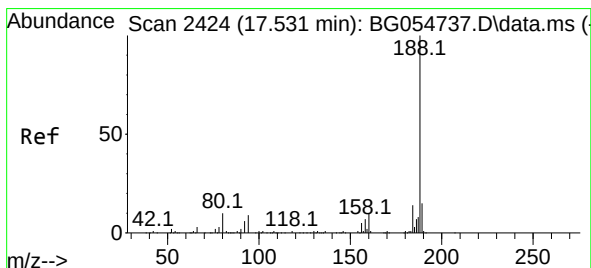
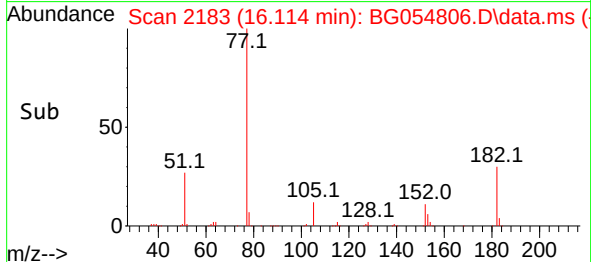
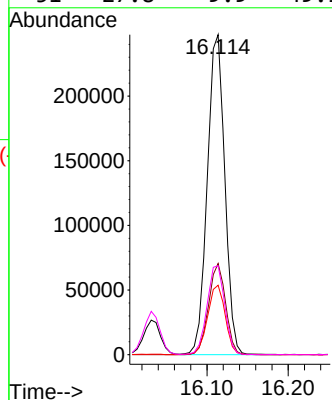
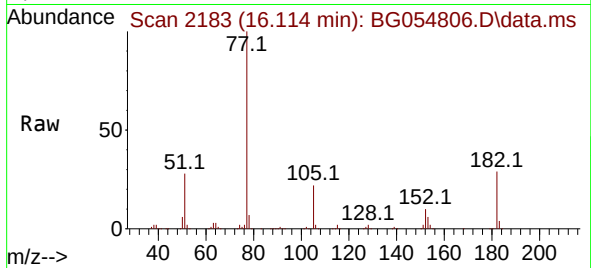




#63
Azobenzene
Concen: 41.394 ng
RT: 16.114 min Scan# 2183
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

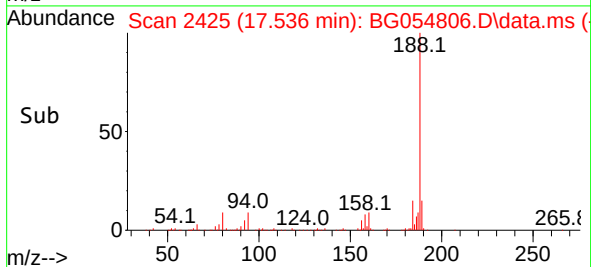
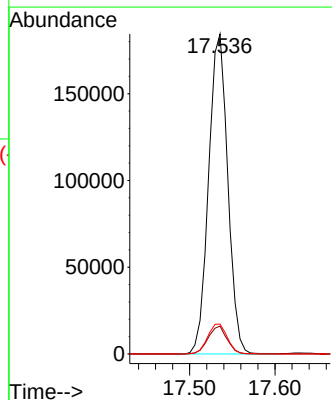
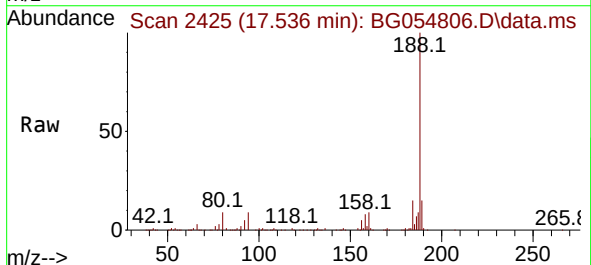
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

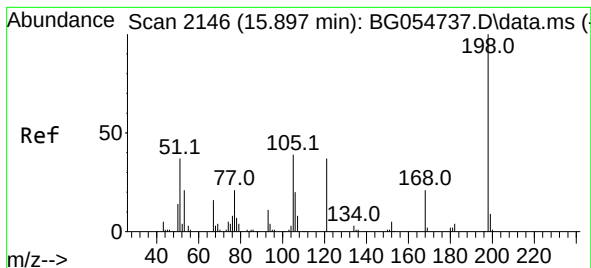
Tgt Ion: 77	Resp: 370014
Ion Ratio	Lower Upper
77 100	
182 28.5	5.1 45.1
105 21.7	0.7 40.7
51 27.8	9.9 49.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.536 min Scan# 2425
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:188	Resp: 287360
Ion Ratio	Lower Upper
188 100	
94 8.7	7.0 10.4
80 9.4	7.9 11.9

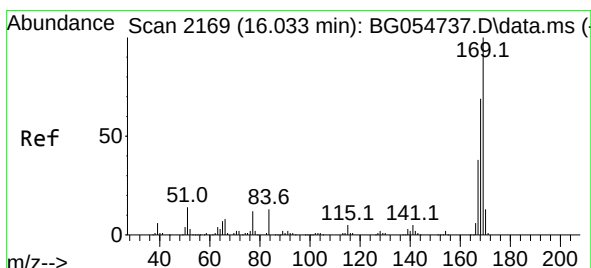
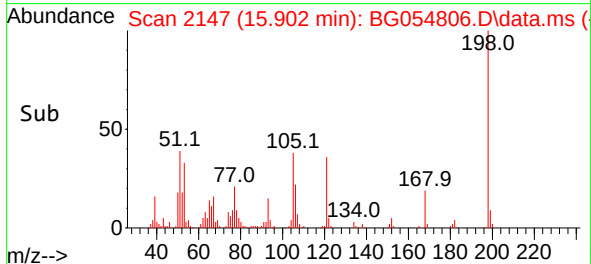
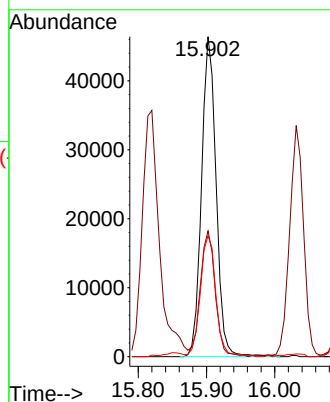
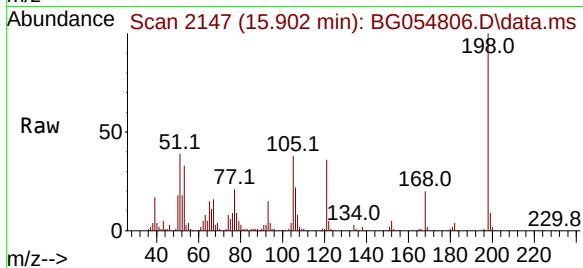




#65
4,6-Dinitro-2-methylphenol
Concen: 47.191 ng
RT: 15.902 min Scan# 2147
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

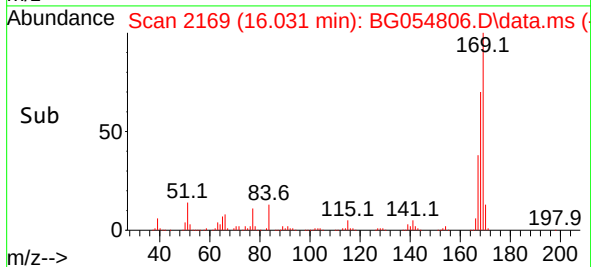
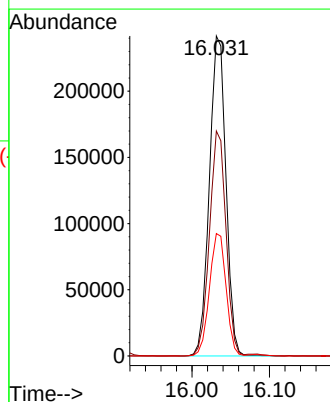
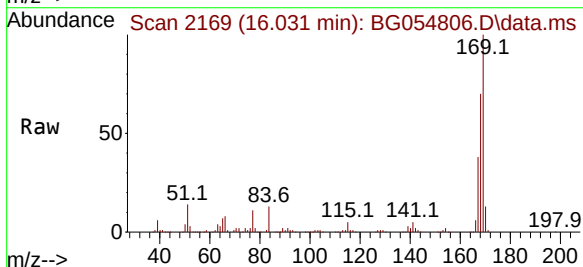
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

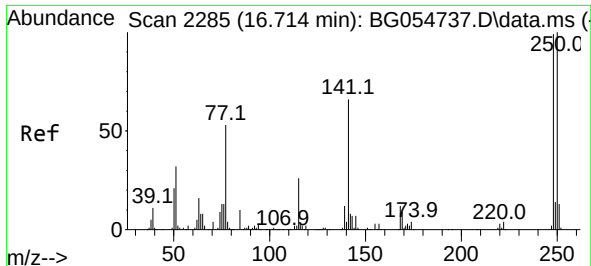
Tgt Ion:198 Resp: 69028
Ion Ratio Lower Upper
198 100
51 39.3 19.9 59.9
105 37.8 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 43.335 ng
RT: 16.031 min Scan# 2169
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:169 Resp: 359117
Ion Ratio Lower Upper
169 100
168 70.3 55.6 83.4
167 38.3 30.9 46.3

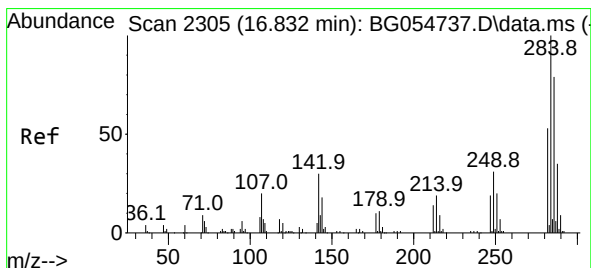
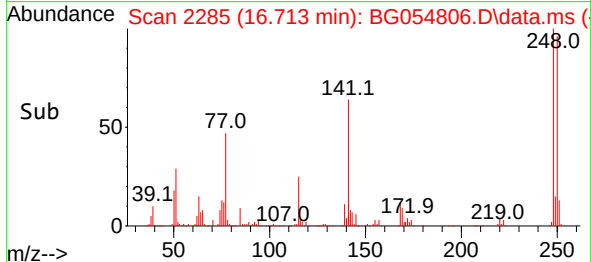
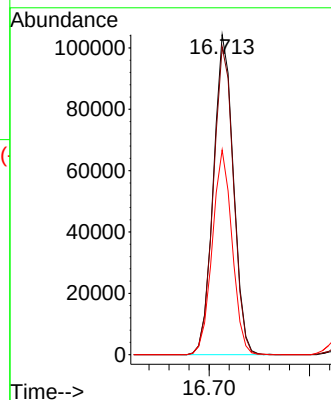
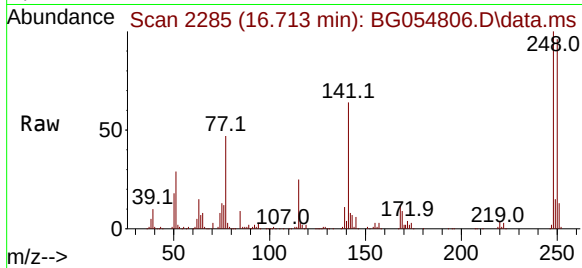




#67
4-Bromophenyl-phenylether
Concen: 45.828 ng
RT: 16.713 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

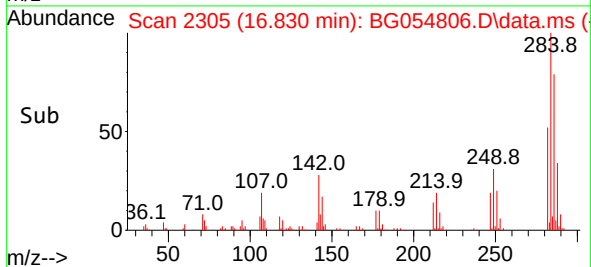
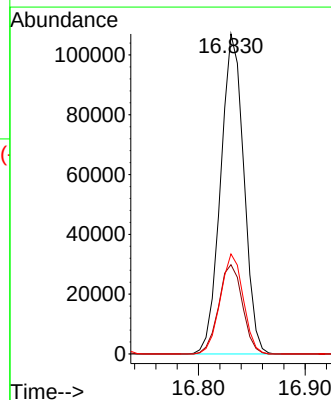
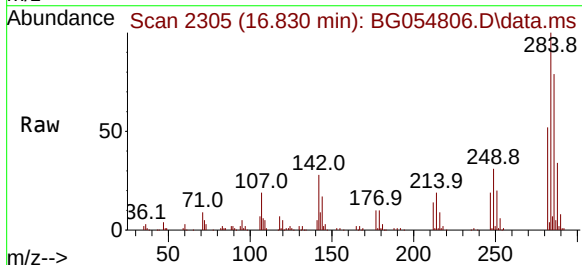
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

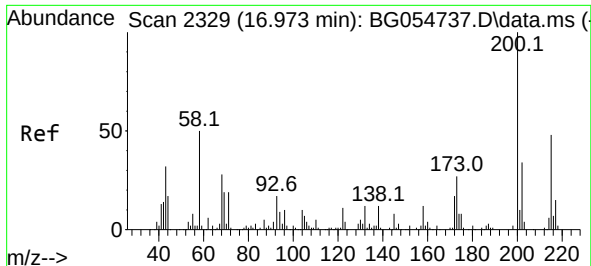
Tgt Ion:248 Resp: 144585
Ion Ratio Lower Upper
248 100
250 96.2 78.8 118.2
141 64.0 51.9 77.9



#68
Hexachlorobenzene
Concen: 45.510 ng
RT: 16.830 min Scan# 2305
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:284 Resp: 161410
Ion Ratio Lower Upper
284 100
142 27.9 25.0 37.6
249 31.3 24.5 36.7

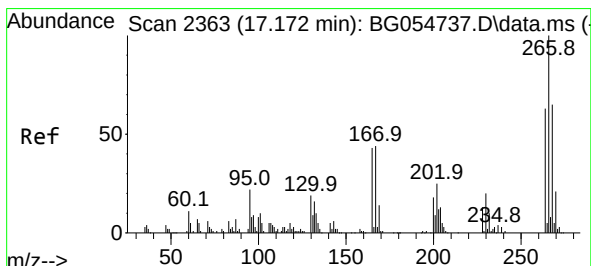
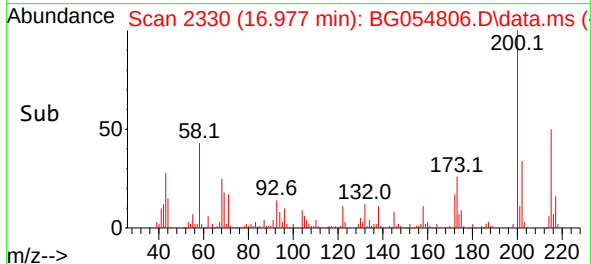
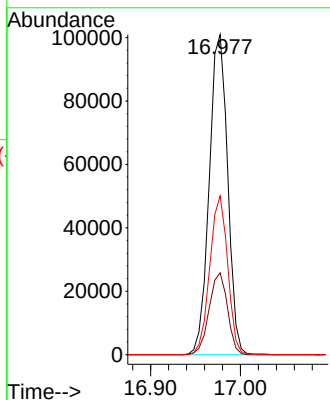
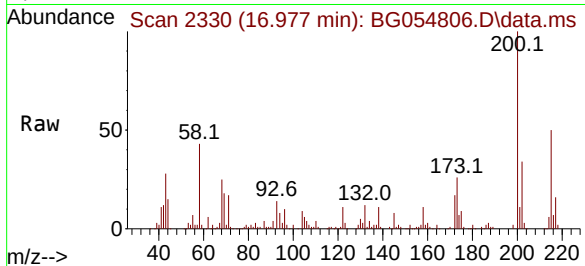




#69
 Atrazine
 Concen: 49.158 ng
 RT: 16.977 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG054806.D
 Acq: 31 Aug 2022 14:37

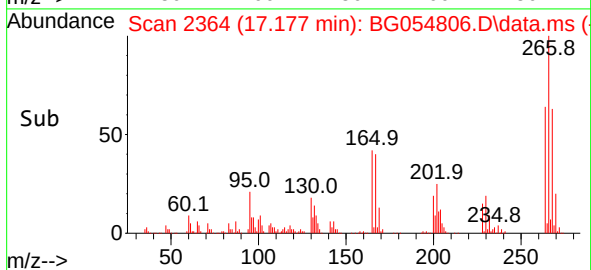
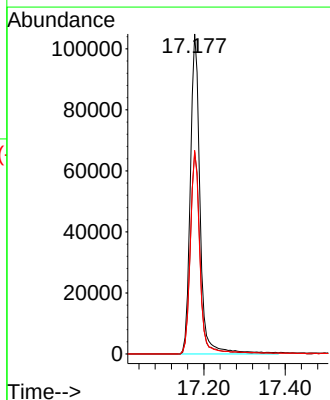
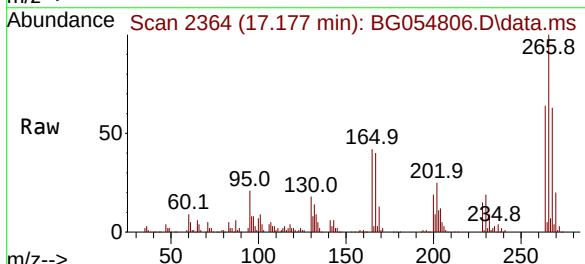
Instrument :
 BNA_G
 ClientSampleId :
 WC-2MSD

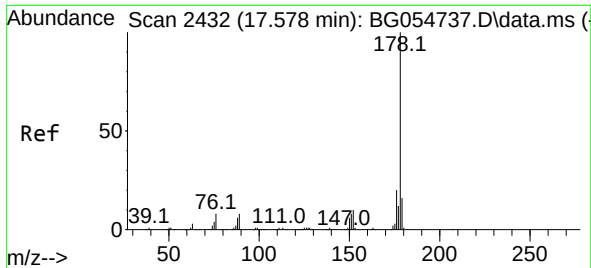
Tgt Ion:200 Resp: 143716
 Ion Ratio Lower Upper
 200 100
 173 25.6 5.6 45.6
 215 49.6 28.2 68.2



#70
 Pentachlorophenol
 Concen: 90.323 ng
 RT: 17.177 min Scan# 2364
 Delta R.T. 0.005 min
 Lab File: BG054806.D
 Acq: 31 Aug 2022 14:37

Tgt Ion:266 Resp: 174058
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.2 76.8
 264 63.6 49.4 74.0

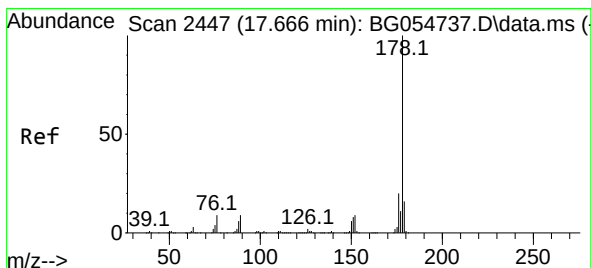
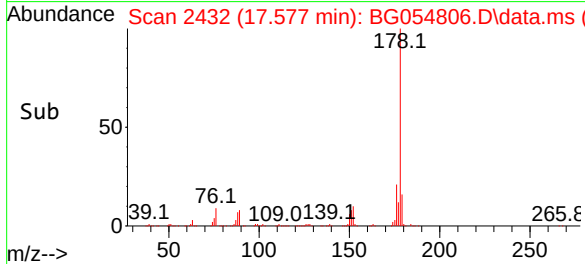
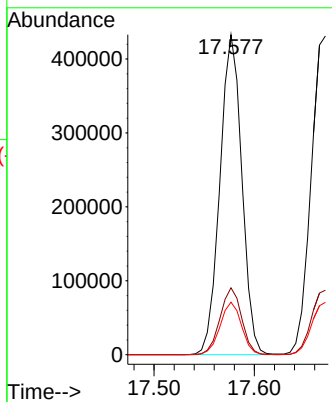
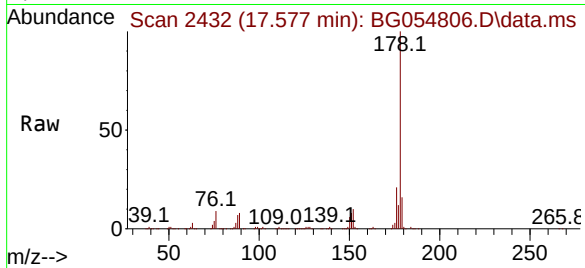




#71
Phenanthrene
Concen: 42.886 ng
RT: 17.577 min Scan# 2432
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

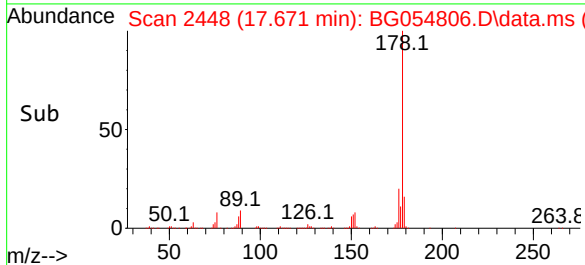
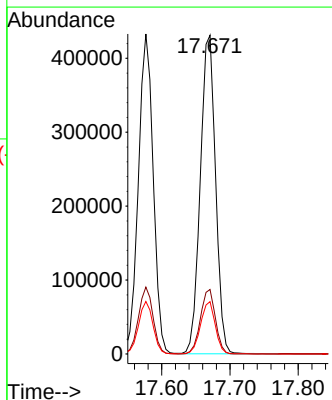
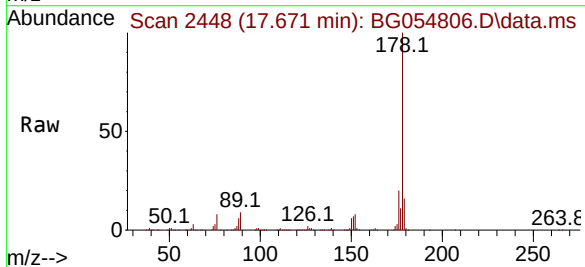
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

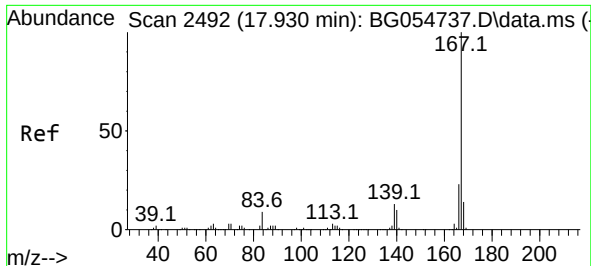
Tgt Ion:178 Resp: 656495
Ion Ratio Lower Upper
178 100
176 20.9 16.6 25.0
179 16.4 12.8 19.2



#72
Anthracene
Concen: 45.120 ng
RT: 17.671 min Scan# 2448
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:178 Resp: 671517
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.4 12.9 19.3

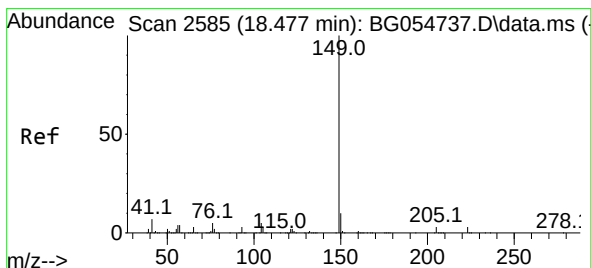
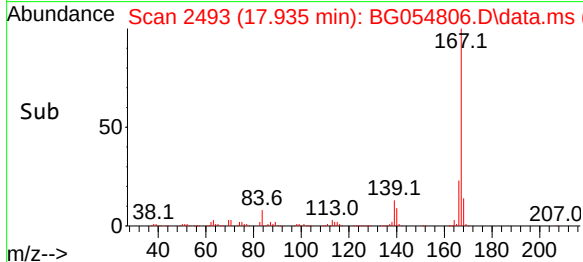
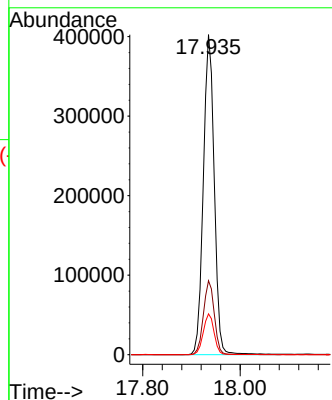
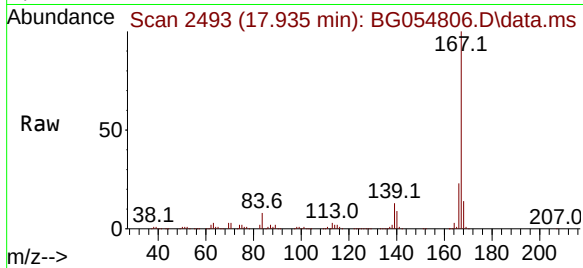




#73
Carbazole
Concen: 45.568 ng
RT: 17.935 min Scan# 2492
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

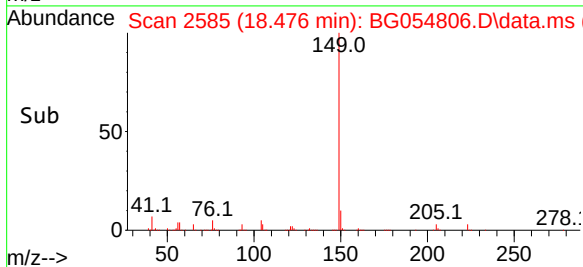
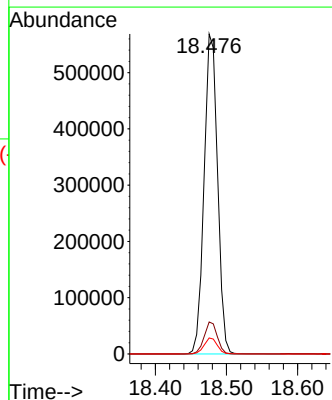
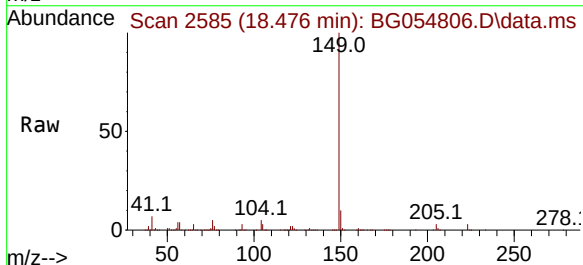
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

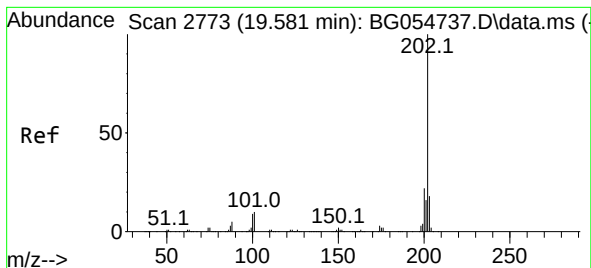
Tgt Ion:167 Resp: 624841
Ion Ratio Lower Upper
167 100
166 23.1 18.8 28.2
139 12.7 10.2 15.4



#74
Di-n-butylphthalate
Concen: 43.296 ng
RT: 18.476 min Scan# 2585
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:149 Resp: 751251
Ion Ratio Lower Upper
149 100
150 10.0 8.0 12.0
104 5.0 4.4 6.6





#75

Fluoranthene

Concen: 43.584 ng

RT: 19.580 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

Instrument :

BNA_G

ClientSampleId :

WC-2MSD

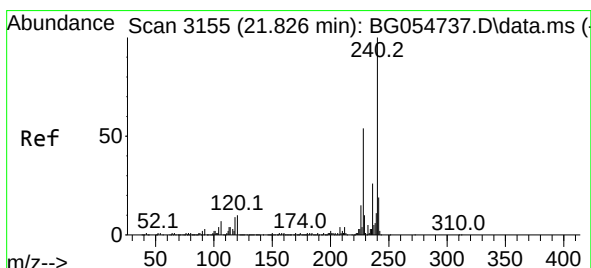
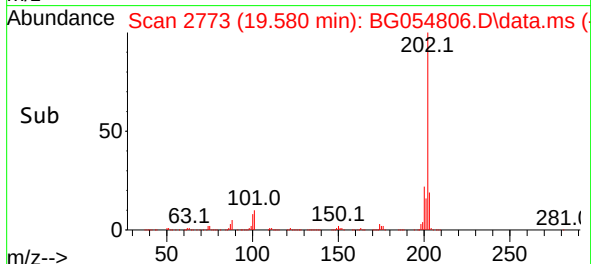
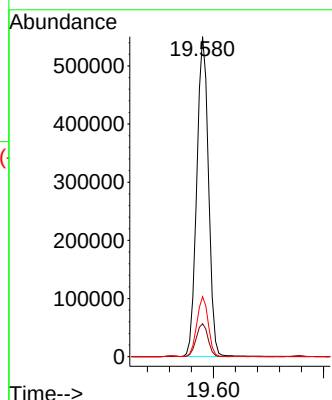
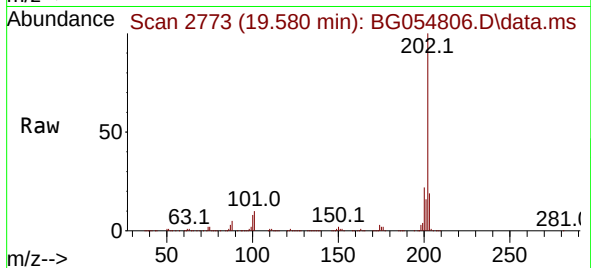
Tgt Ion:202 Resp: 811624

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

203 18.8 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.831 min Scan# 3156

Delta R.T. 0.005 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

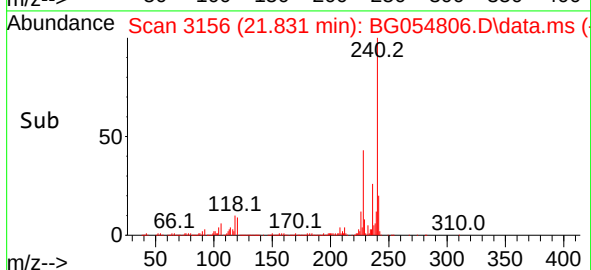
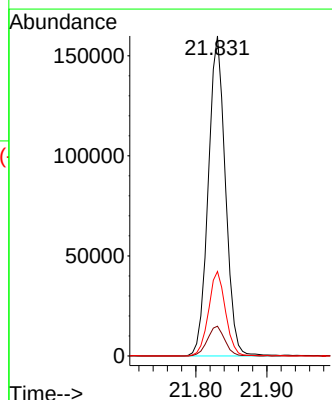
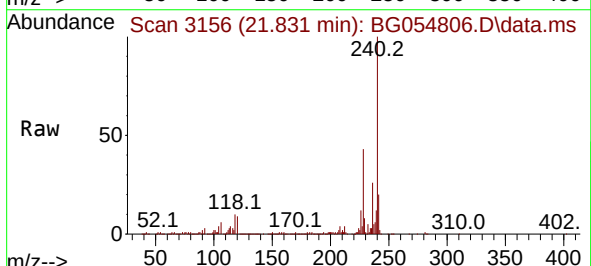
Tgt Ion:240 Resp: 267827

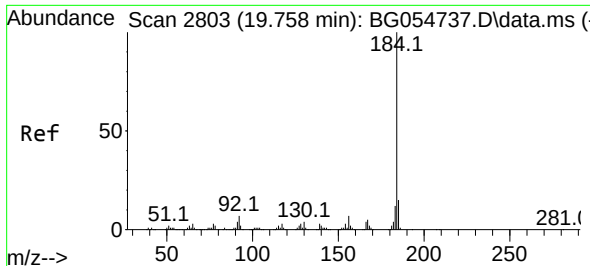
Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.4

236 26.4 21.2 31.8

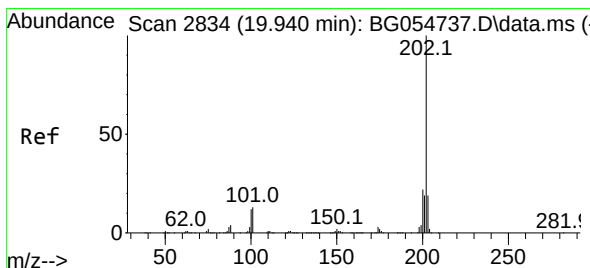
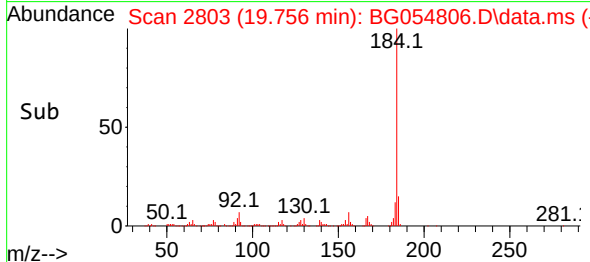
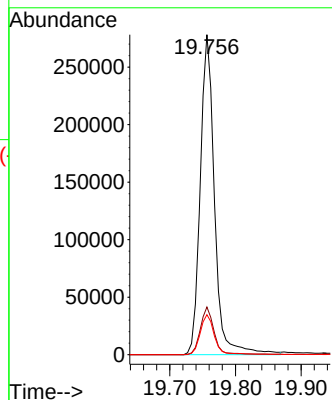
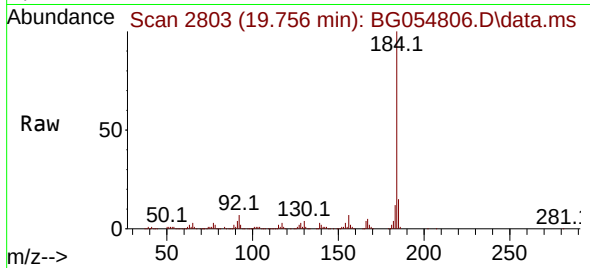




#77
Benzidine
Concen: 63.650 ng
RT: 19.756 min Scan# 2803
Delta R.T. -0.001 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

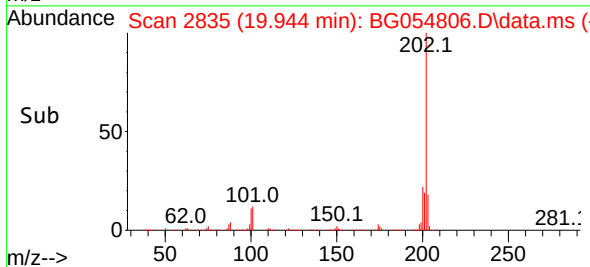
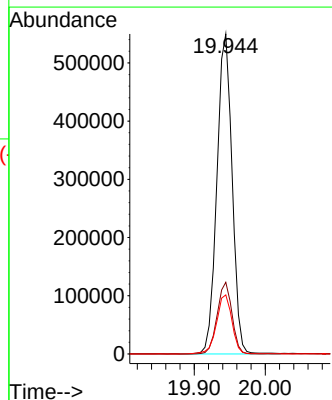
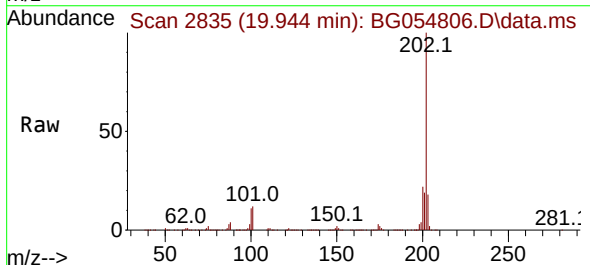
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

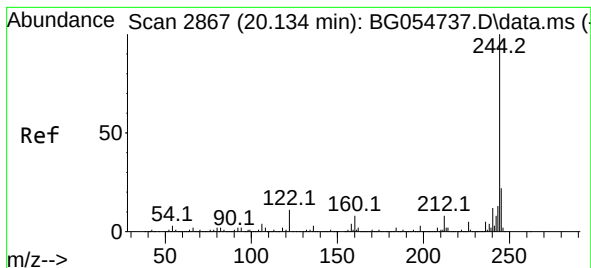
Tgt Ion:184 Resp: 422238
Ion Ratio Lower Upper
184 100
185 14.9 11.4 17.0
183 12.5 9.8 14.8



#78
Pyrene
Concen: 43.562 ng
RT: 19.944 min Scan# 2835
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:202 Resp: 813531
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 76.099 ng

RT: 20.132 min Scan# 2867

Delta R.T. -0.001 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

Instrument :

BNA_G

ClientSampleId :

WC-2MSD

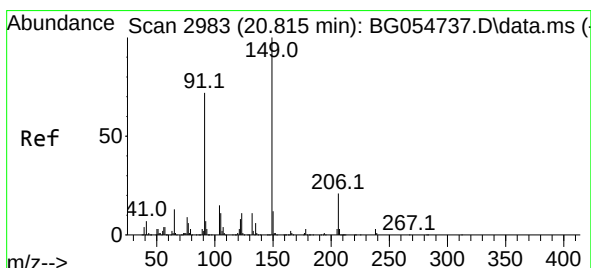
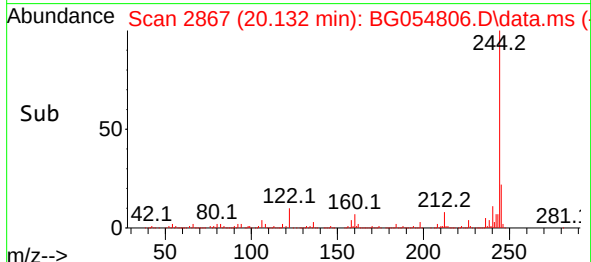
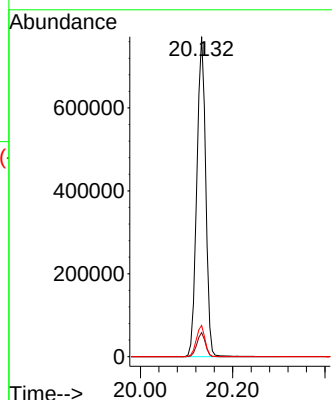
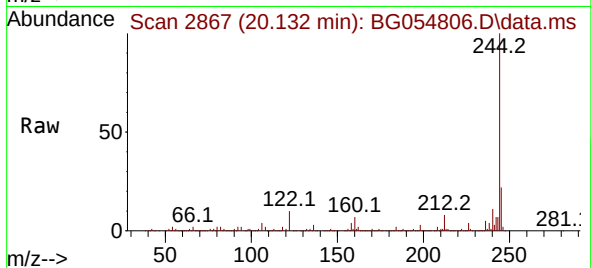
Tgt Ion:244 Resp: 1028637

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 9.8 9.0 13.6



#80

Butylbenzylphthalate

Concen: 42.639 ng

RT: 20.814 min Scan# 2983

Delta R.T. -0.001 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

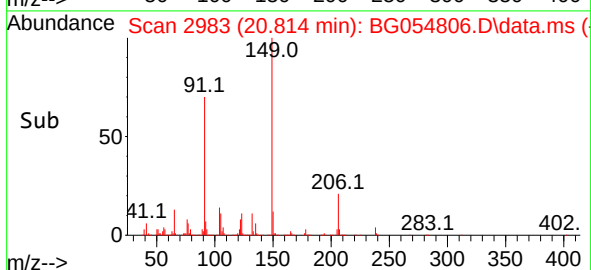
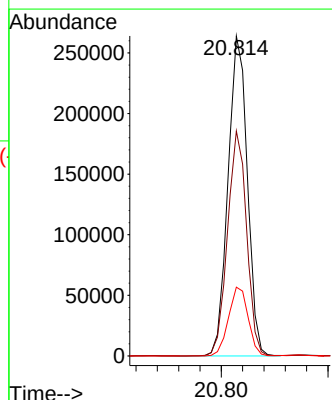
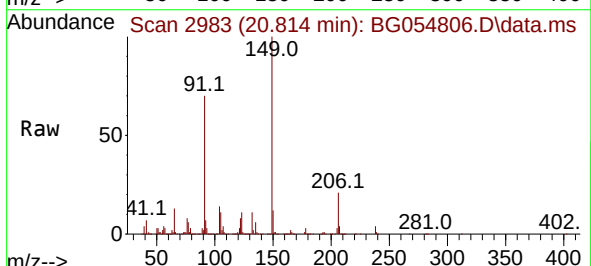
Tgt Ion:149 Resp: 332147

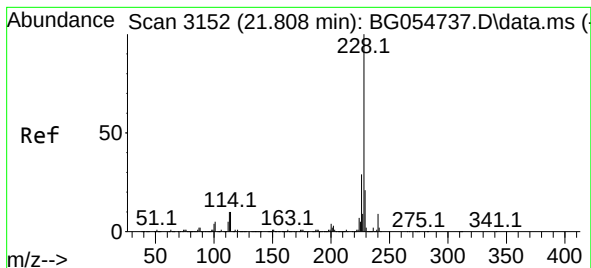
Ion Ratio Lower Upper

149 100

91 70.3 59.5 89.3

206 21.5 16.6 25.0





#81

Benzo(a)anthracene

Concen: 43.326 ng

RT: 21.807 min Scan# 3152

Delta R.T. -0.001 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

Instrument :

BNA_G

ClientSampleId :

WC-2MSD

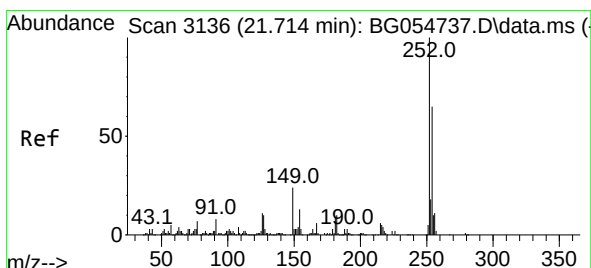
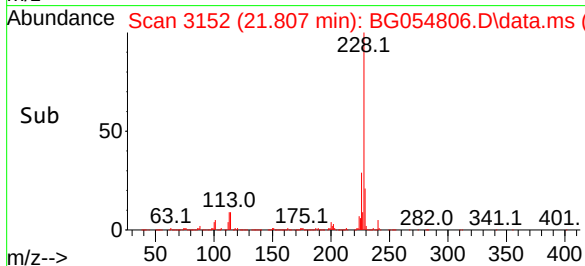
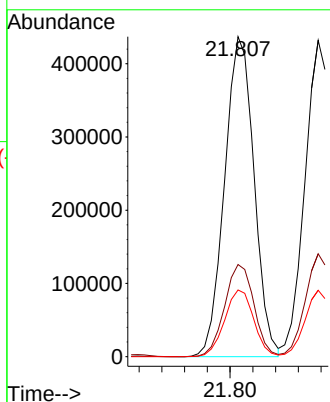
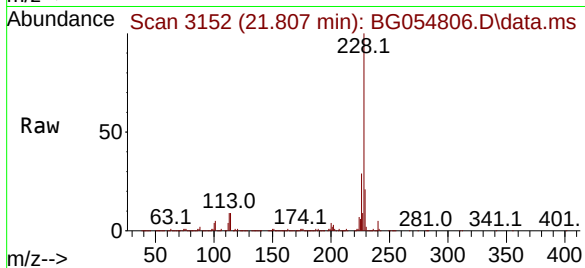
Tgt Ion:228 Resp: 786774

Ion Ratio Lower Upper

228 100

226 28.8 23.4 35.2

229 20.9 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 39.797 ng

RT: 21.719 min Scan# 3137

Delta R.T. 0.005 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

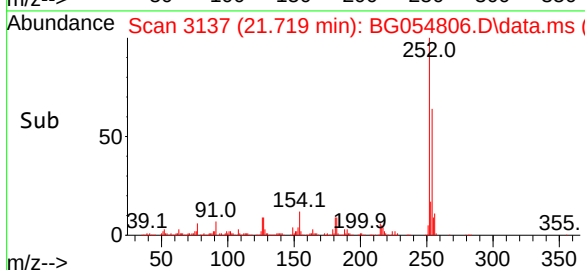
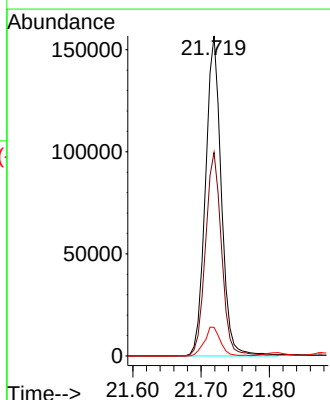
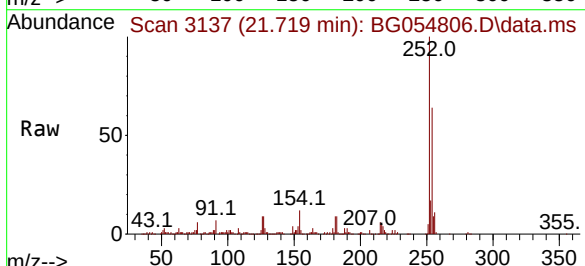
Tgt Ion:252 Resp: 253383

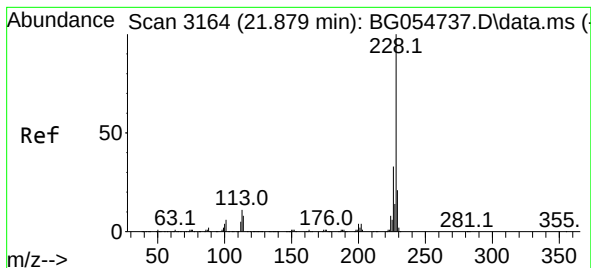
Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.2

126 9.0 8.2 12.2





#83

Chrysene

Concen: 42.601 ng

RT: 21.878 min Scan# 3164

Delta R.T. -0.001 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

Instrument :

BNA_G

ClientSampleId :

WC-2MSD

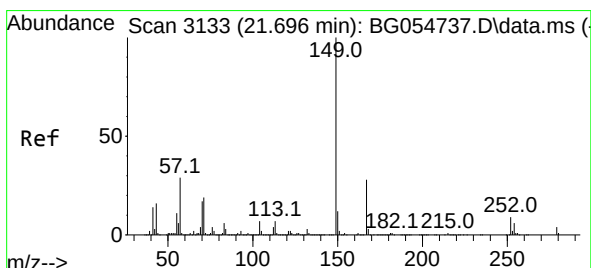
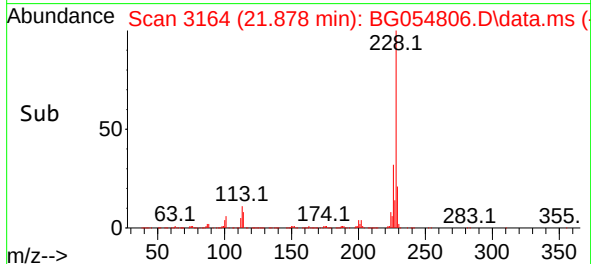
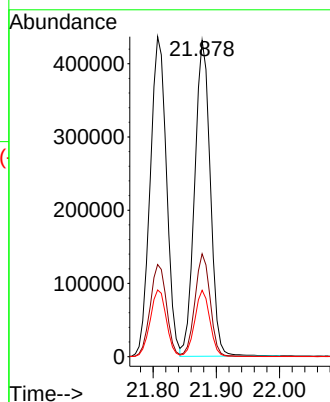
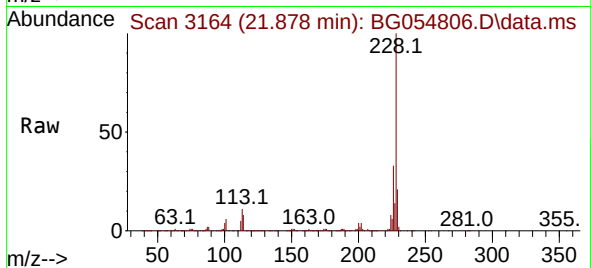
Tgt Ion:228 Resp: 739676

Ion Ratio Lower Upper

228 100

226 32.5 25.5 38.3

229 21.0 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.845 ng

RT: 21.689 min Scan# 3132

Delta R.T. -0.007 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

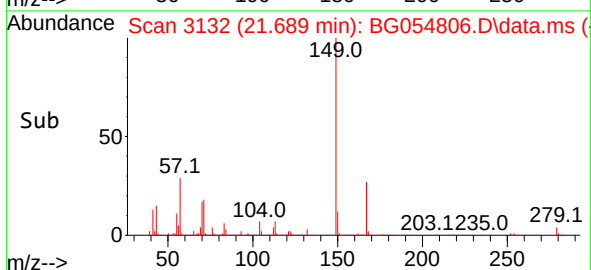
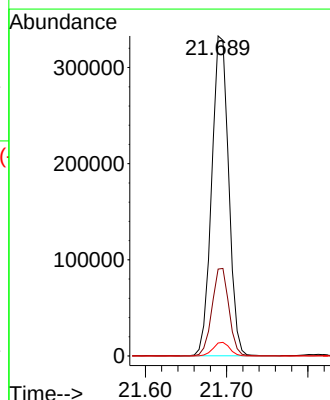
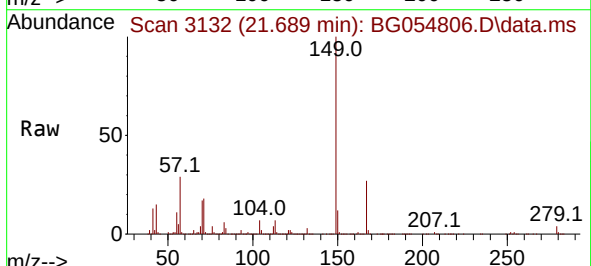
Tgt Ion:149 Resp: 480857

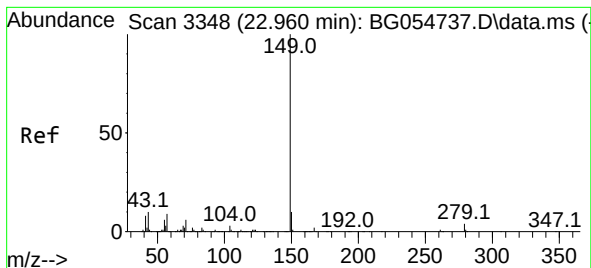
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 42.544 ng

RT: 22.953 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

Instrument :

BNA_G

ClientSampleId :

WC-2MSD

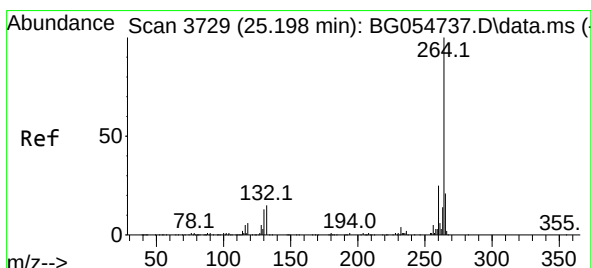
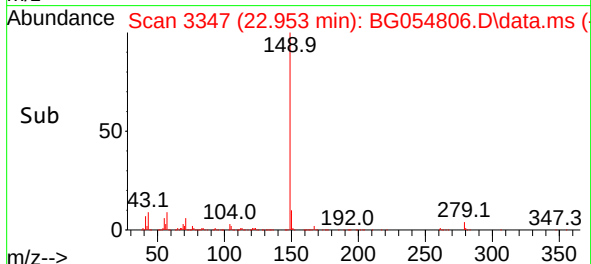
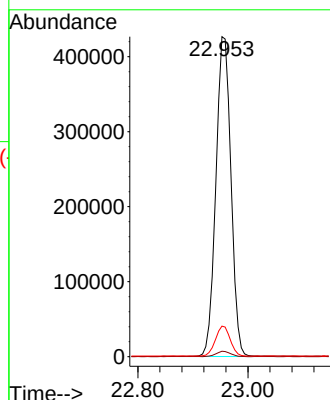
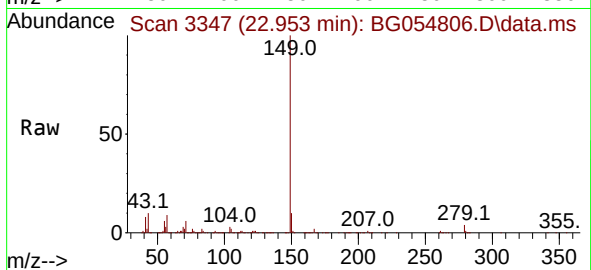
Tgt Ion:149 Resp: 809727

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.1 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.203 min Scan# 3730

Delta R.T. 0.005 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

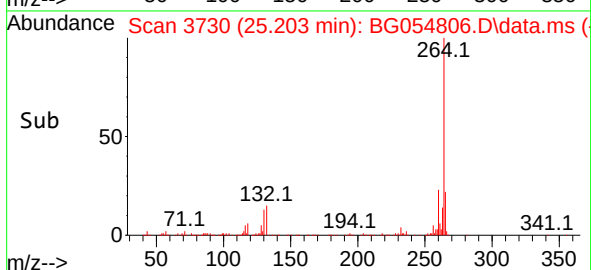
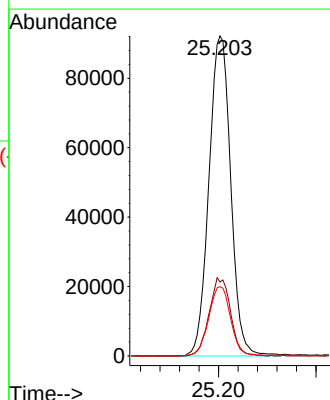
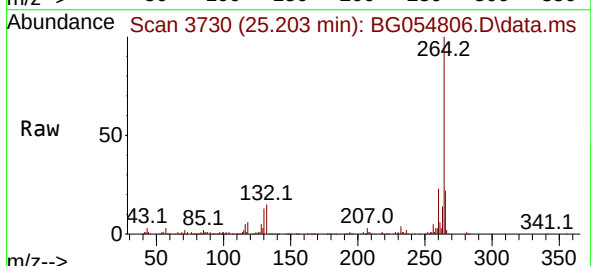
Tgt Ion:264 Resp: 286092

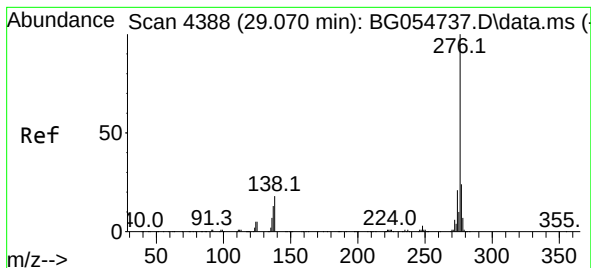
Ion Ratio Lower Upper

264 100

260 23.1 19.9 29.9

265 21.7 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.905 ng

RT: 29.093 min Scan# 41

Delta R.T. 0.022 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

Instrument :

BNA_G

ClientSampleId :

WC-2MSD

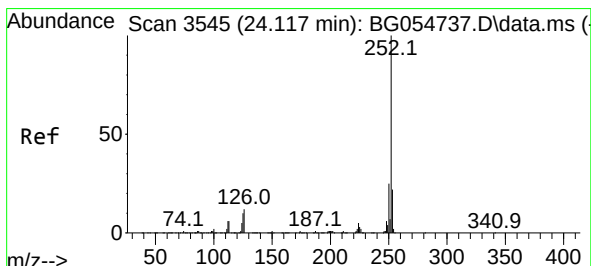
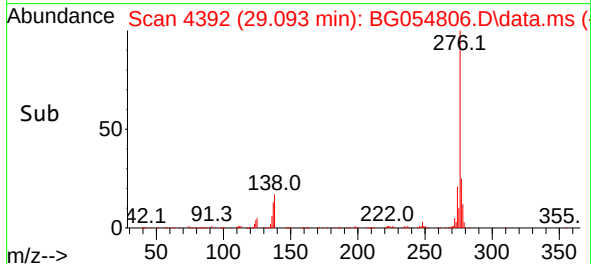
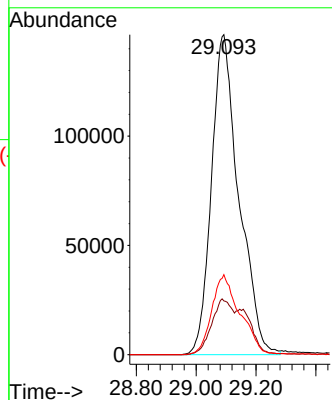
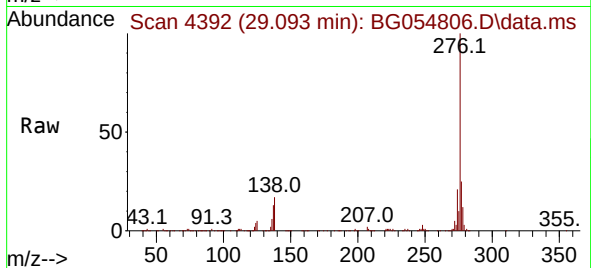
Tgt Ion:276 Resp: 931854

Ion Ratio Lower Upper

276 100

138 13.1 12.0 18.0

277 25.8 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 46.683 ng

RT: 24.128 min Scan# 3547

Delta R.T. 0.011 min

Lab File: BG054806.D

Acq: 31 Aug 2022 14:37

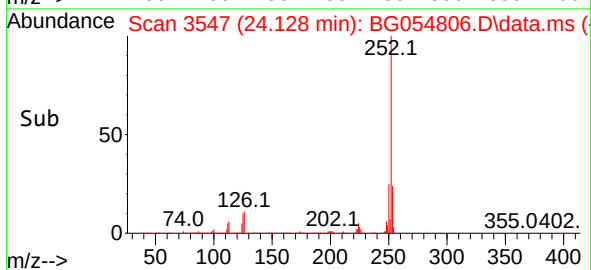
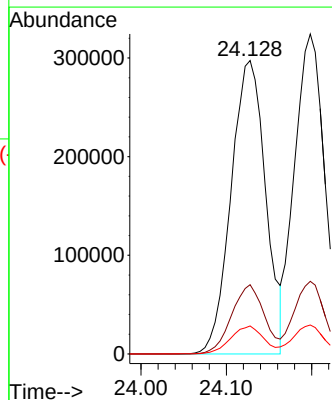
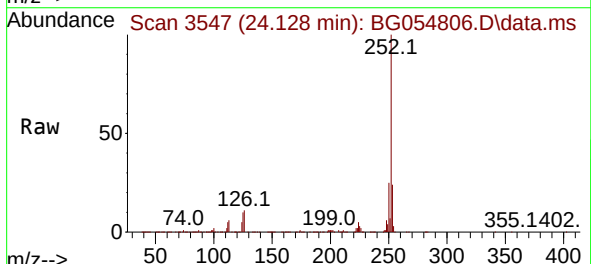
Tgt Ion:252 Resp: 837818

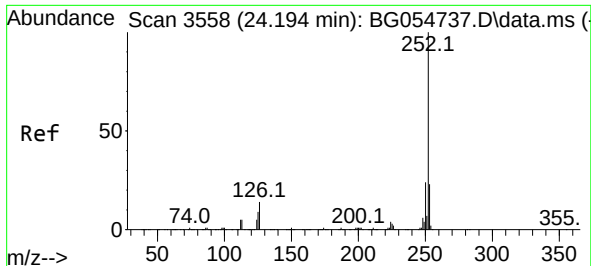
Ion Ratio Lower Upper

252 100

253 23.6 18.0 27.0

125 9.5 8.1 12.1

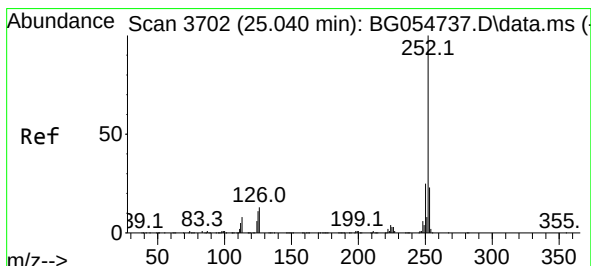
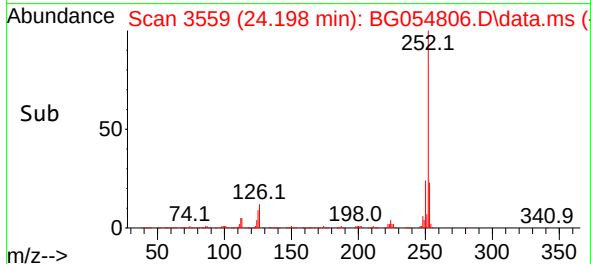
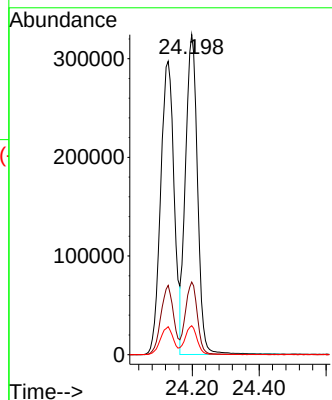
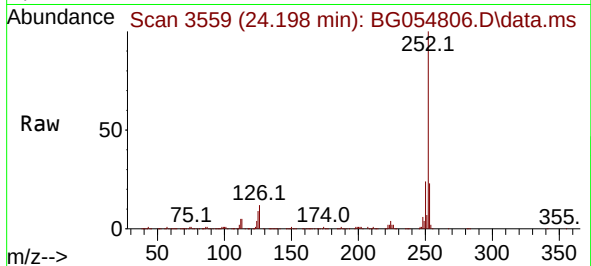




#89
Benzo(k)fluoranthene
Concen: 44.780 ng
RT: 24.198 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

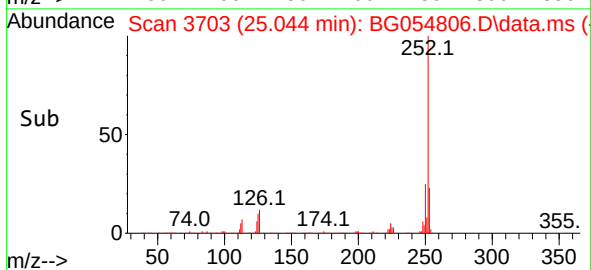
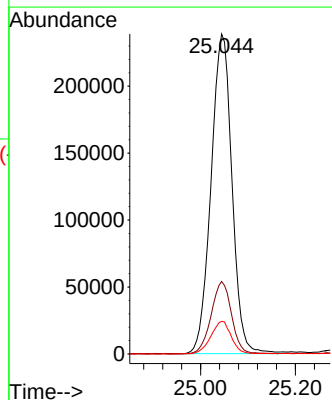
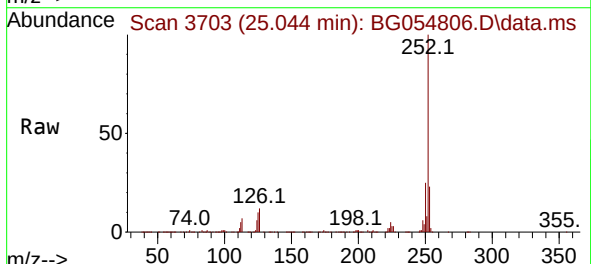
Instrument :
BNA_G
ClientSampleId :
WC-2MSD

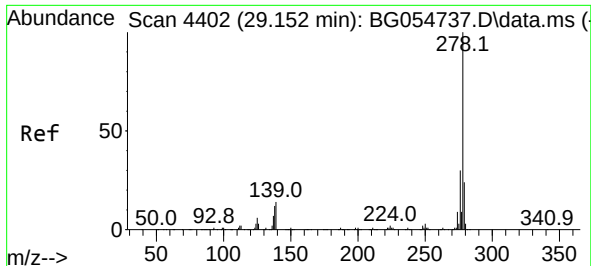
Tgt Ion:252 Resp: 808798
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 9.1 8.2 12.4



#90
Benzo(a)pyrene
Concen: 47.713 ng
RT: 25.044 min Scan# 3703
Delta R.T. 0.005 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:252 Resp: 731584
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 10.2 8.8 13.2

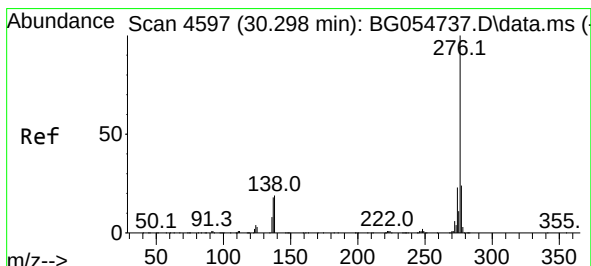
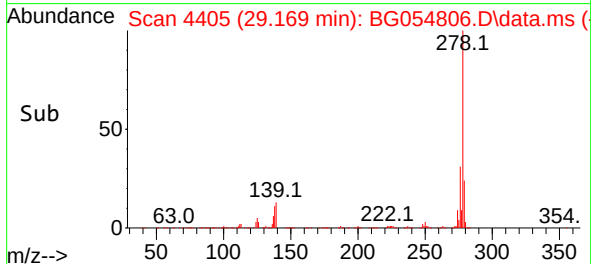
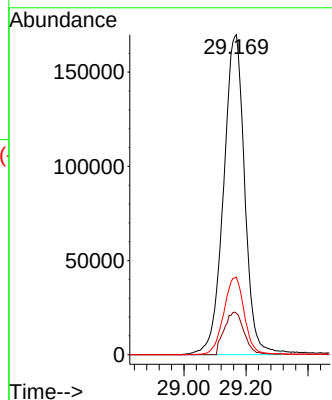
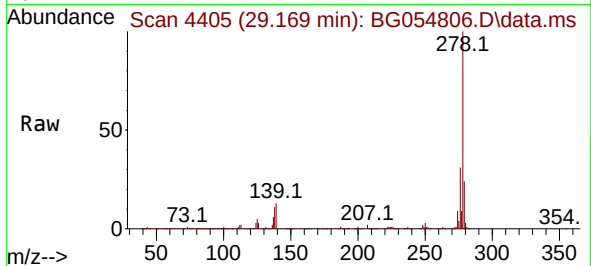




#91
Dibenzo(a,h)anthracene
Concen: 45.309 ng
RT: 29.169 min Scan# 4405
Delta R.T. 0.017 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Instrument :
BNA_G
ClientSampleId :
WC-2MSD

Tgt Ion:278 Resp: 801722
Ion Ratio Lower Upper
278 100
139 13.0 11.4 17.2
279 24.3 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 45.095 ng
RT: 30.315 min Scan# 4600
Delta R.T. 0.017 min
Lab File: BG054806.D
Acq: 31 Aug 2022 14:37

Tgt Ion:276 Resp: 806098
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.0
138 18.9 16.6 25.0

