

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056995.D
 Acq On : 5 Apr 2023 17:58
 Operator : CG/JU
 Sample : 02109-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-30-SB02MSD

Quant Time: Apr 06 02:01:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	13812	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	60252	20.000	ng	# 0.00
39) Acenaphthene-d10	15.027	164	46272	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	112483	20.000	ng	0.00
76) Chrysene-d12	22.088	240	90312	20.000	ng	0.00
86) Perylene-d12	25.630	264	96697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	107076	124.073	ng	0.00
7) Phenol-d6	7.543	99	158703	122.955	ng	0.00
23) Nitrobenzene-d5	9.593	82	100010	67.918	ng	0.00
42) 2,4,6-Tribromophenol	16.507	330	86167	116.566	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	233916	68.550	ng	0.00
79) Terphenyl-d14	20.332	244	382033	71.581	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.725	88	14660	38.751	ng	99
3) Pyridine	4.148	79	42133	34.578	ng	# 93
4) n-Nitrosodimethylamine	4.054	42	24011	42.860	ng	94
6) Aniline	7.719	93	52178	31.622	ng	98
8) 2-Chlorophenol	7.966	128	45533	52.970	ng	92
9) Benzaldehyde	7.531	77	33856	41.819	ng	94
10) Phenol	7.572	94	67060	52.434	ng	97
11) bis(2-Chloroethyl)ether	7.807	93	40978	44.980	ng	96
12) 1,3-Dichlorobenzene	8.301	146	47034	49.519	ng	96
13) 1,4-Dichlorobenzene	8.448	146	48715	50.817	ng	93
14) 1,2-Dichlorobenzene	8.777	146	46612	50.329	ng	92
15) Benzyl Alcohol	8.642	79	52202	48.673	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.935	45	49261	44.867	ng	98
17) 2-Methylphenol	8.841	107	45359	49.711	ng	92
18) Hexachloroethane	9.517	117	17120	48.861	ng	88
19) n-Nitroso-di-n-propyla...	9.217	70	41402	44.845	ng	97
20) 3+4-Methylphenols	9.170	107	61735	48.385	ng	95
22) Acetophenone	9.241	105	74327	41.457	ng	# 99
24) Nitrobenzene	9.634	77	63047	41.878	ng	99
25) Isophorone	10.151	82	113311	40.410	ng	99
26) 2-Nitrophenol	10.351	139	27818	47.871	ng	96
27) 2,4-Dimethylphenol	10.392	122	47829	46.617	ng	100
28) bis(2-Chloroethoxy)met...	10.627	93	58365	41.576	ng	95
29) 2,4-Dichlorophenol	10.886	162	52072	47.192	ng	99
30) 1,2,4-Trichlorobenzene	11.109	180	51594	44.007	ng	95
31) Naphthalene	11.303	128	141104	42.965	ng	99
32) Benzoic acid	10.463	122	3841	5.450	ng	89
33) 4-Chloroaniline	11.403	127	38481	25.944	ng	96
34) Hexachlorobutadiene	11.579	225	37931	43.070	ng	91
35) Caprolactam	12.166	113	17708	46.536	ng	93
36) 4-Chloro-3-methylphenol	12.489	107	57855	46.886	ng	100
37) 2-Methylnaphthalene	12.883	142	105897	40.628	ng	98
38) 1-Methylnaphthalene	13.094	142	99279	40.563	ng	97
40) 1,2,4,5-Tetrachloroben...	13.241	216	73329	45.700	ng	99
41) Hexachlorocyclopentadiene	13.218	237	93025	105.222	ng	96
43) 2,4,6-Trichlorophenol	13.465	196	51768	50.558	ng	91

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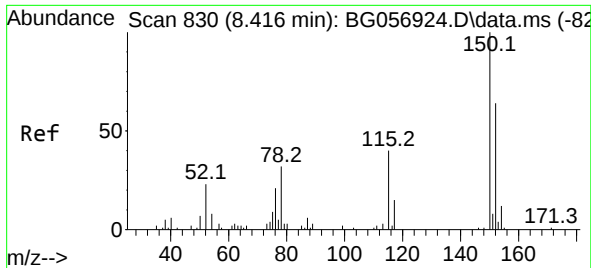
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.541	196	55720	45.935	ng	98
46) 1,1'-Biphenyl	13.864	154	157077	46.373	ng	98
47) 2-Chloronaphthalene	13.917	162	117688	46.978	ng	98
48) 2-Nitroaniline	14.105	65	39979	44.630	ng	97
49) Acenaphthylene	14.757	152	183269	44.525	ng	99
50) Dimethylphthalate	14.463	163	160080	43.907	ng	99
51) 2,6-Dinitrotoluene	14.587	165	35292	44.802	ng	98
52) Acenaphthene	15.092	154	137855	48.562	ng	97
53) 3-Nitroaniline	14.921	138	24379	31.267	ng	88
54) 2,4-Dinitrophenol	15.127	184	37778	85.203	ng	# 86
55) Dibenzofuran	15.421	168	187319	43.965	ng	98
56) 4-Nitrophenol	15.215	139	56392	97.806	ng	93
57) 2,4-Dinitrotoluene	15.374	165	50193	45.178	ng	98
58) Fluorene	16.067	166	156489	44.386	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.644	232	54235	49.106	ng	# 99
60) Diethylphthalate	15.808	149	160512	43.916	ng	97
61) 4-Chlorophenyl-phenyle...	16.049	204	92447	44.660	ng	96
62) 4-Nitroaniline	16.079	138	35319	43.720	ng	94
63) Azobenzene	16.343	77	159361	43.750	ng	99
65) 4,6-Dinitro-2-methylph...	16.137	198	34069	50.010	ng	93
66) n-Nitrosodiphenylamine	16.261	169	133407	44.181	ng	97
67) 4-Bromophenyl-phenylether	16.942	248	60521	43.485	ng	98
68) Hexachlorobenzene	17.071	284	65380	47.515	ng	97
69) Atrazine	17.195	200	58266	46.486	ng	96
70) Pentachlorophenol	17.412	266	74161	75.126	ng	96
71) Phenanthrene	17.812	178	251744	43.897	ng	99
72) Anthracene	17.900	178	255565	43.471	ng	99
73) Carbazole	18.164	167	225671	44.027	ng	95
74) Di-n-butylphthalate	18.687	149	255669	43.074	ng	98
75) Fluoranthene	19.797	202	285782	39.310	ng	98
77) Benzidine	19.962	184	106573	43.173	ng	99
78) Pyrene	20.155	202	281054	44.994	ng	99
80) Butylbenzylphthalate	21.013	149	100184	46.608	ng	97
81) Benzo(a)anthracene	22.065	228	274280	43.888	ng	99
82) 3,3'-Dichlorobenzidine	21.959	252	73668	34.908	ng	92
83) Chrysene	22.141	228	254158	43.434	ng	99
84) Bis(2-ethylhexyl)phtha...	21.918	149	137692	44.237	ng	99
85) Di-n-octyl phthalate	23.234	149	232014	44.234	ng	99
87) Indeno(1,2,3-cd)pyrene	29.737	276	318277	44.537	ng	# 91
88) Benzo(b)fluoranthene	24.497	252	277937	45.965	ng	99
89) Benzo(k)fluoranthene	24.567	252	274457	45.465	ng	99
90) Benzo(a)pyrene	25.466	252	244001	41.064	ng	98
91) Dibenzo(a,h)anthracene	29.801	278	271700	46.253	ng	97
92) Benzo(g,h,i)perylene	31.017	276	254014	44.161	ng	99

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

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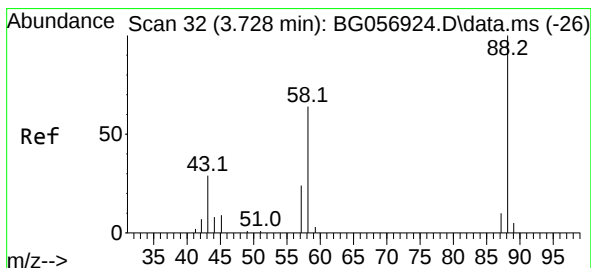
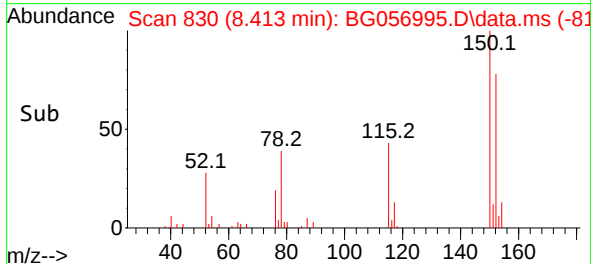
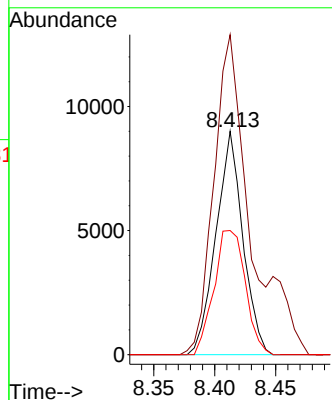
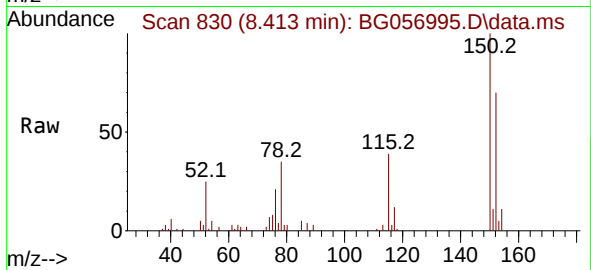




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.413 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BG056995.D
 Acq: 5 Apr 2023 17:58

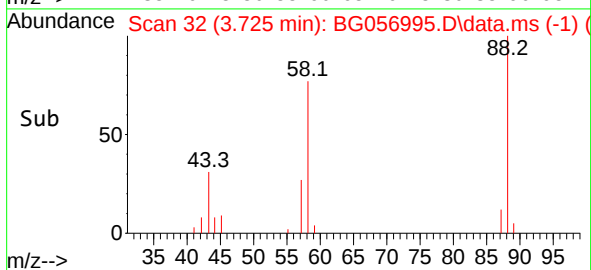
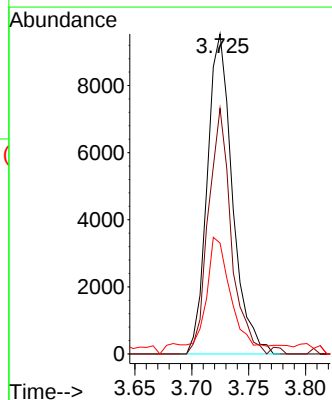
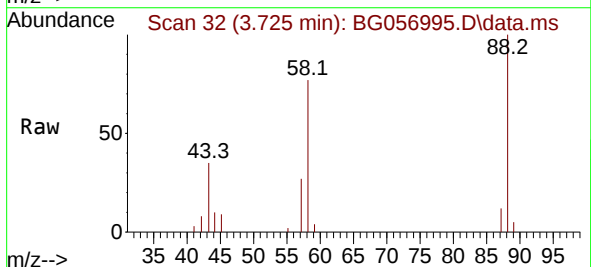
Instrument :
 BNA_G
 ClientSampleId :
 B-30-SB02MSD

Tgt Ion:152 Resp: 13812
 Ion Ratio Lower Upper
 152 100
 150 143.3 124.1 186.1
 115 55.6 49.1 73.7



#2
 1,4-Dioxane
 Concen: 38.751 ng
 RT: 3.725 min Scan# 32
 Delta R.T. -0.007 min
 Lab File: BG056995.D
 Acq: 5 Apr 2023 17:58

Tgt Ion: 88 Resp: 14660
 Ion Ratio Lower Upper
 88 100
 58 69.5 55.9 83.9
 43 30.5 25.7 38.5

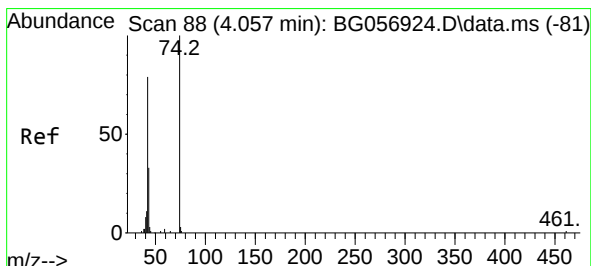
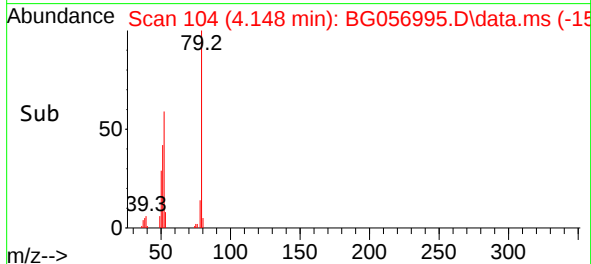
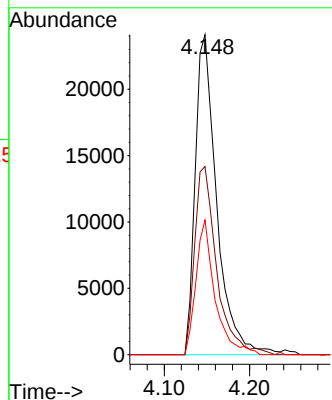
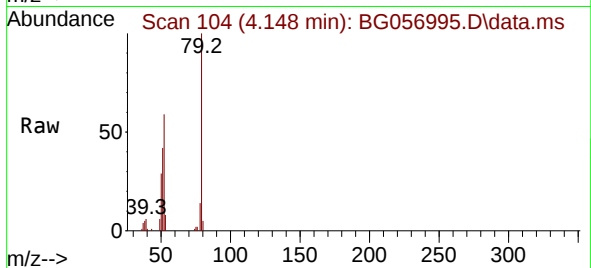




#3
Pyridine
Concen: 34.578 ng
RT: 4.148 min Scan# 104
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

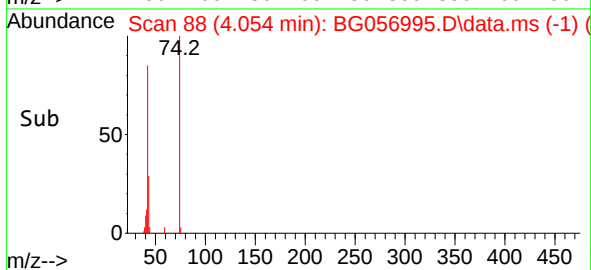
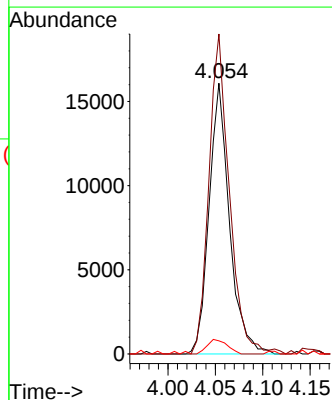
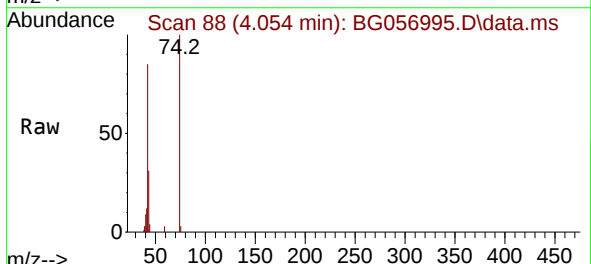
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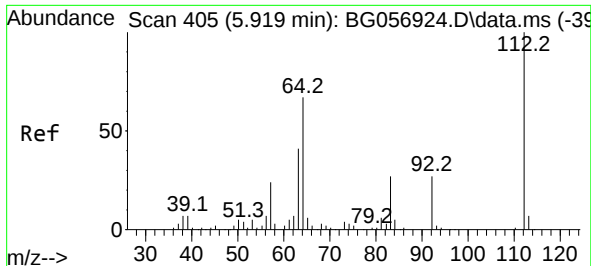
Tgt Ion: 79 Resp: 42133
Ion Ratio Lower Upper
79 100
52 58.8 46.1 69.1
51 42.1 26.1 39.1#



#4
n-Nitrosodimethylamine
Concen: 42.860 ng
RT: 4.054 min Scan# 88
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion: 42 Resp: 24011
Ion Ratio Lower Upper
42 100
74 118.2 100.6 151.0
44 4.8 4.6 7.0

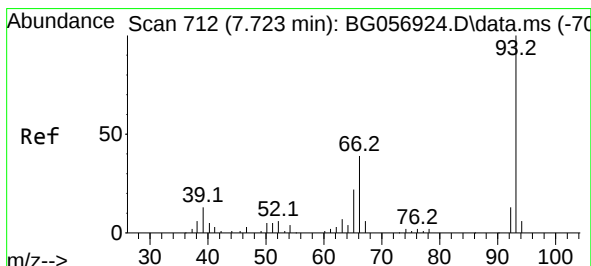
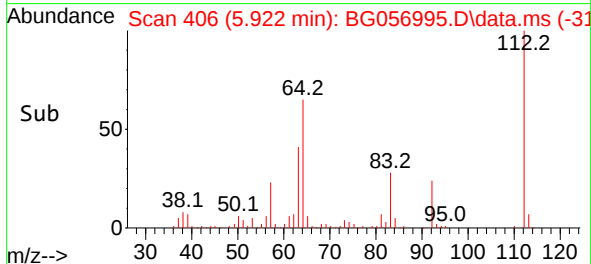
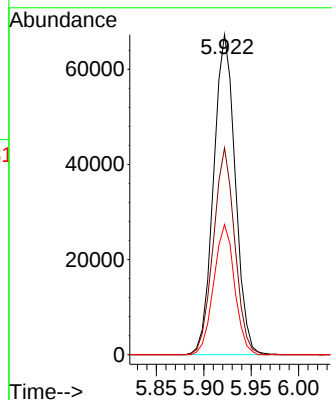
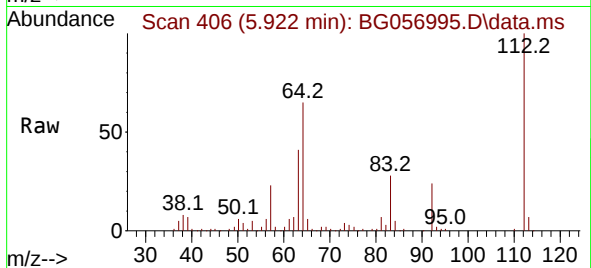




#5
2-Fluorophenol
Concen: 124.073 ng
RT: 5.922 min Scan# 406
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

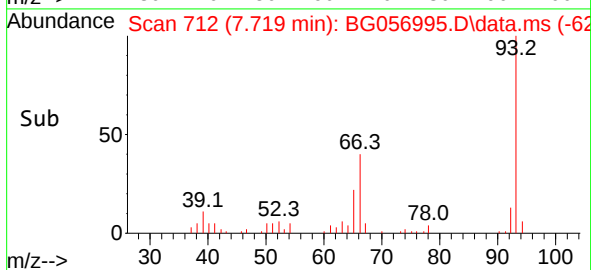
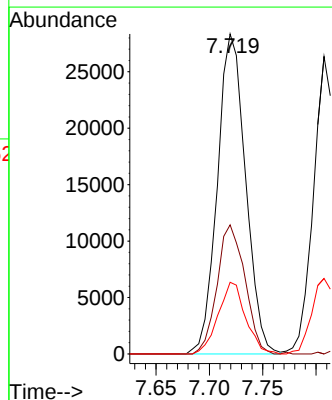
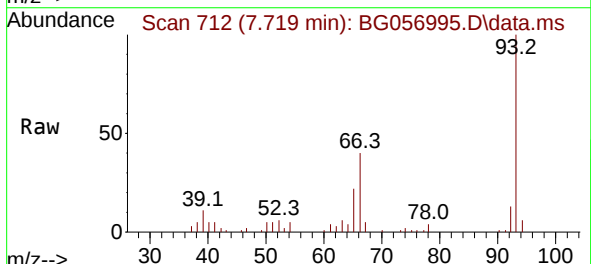
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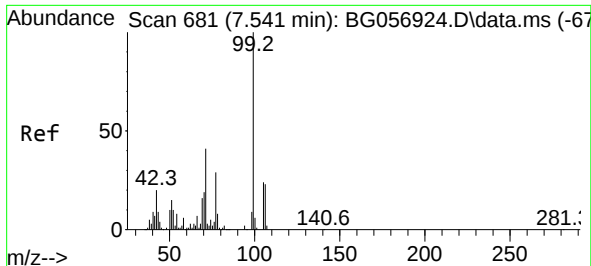
Tgt Ion:112 Resp: 107076
Ion Ratio Lower Upper
112 100
64 64.6 53.2 79.8
63 40.6 32.6 48.8



#6
Aniline
Concen: 31.622 ng
RT: 7.719 min Scan# 712
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion: 93 Resp: 52178
Ion Ratio Lower Upper
93 100
66 40.4 31.4 47.0
65 22.4 17.3 25.9

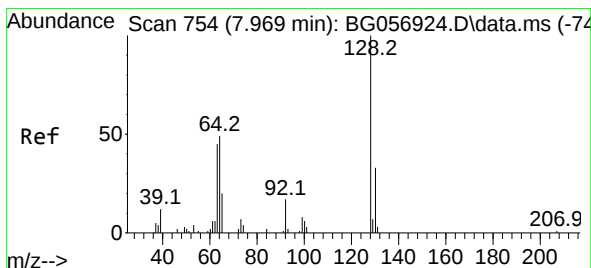
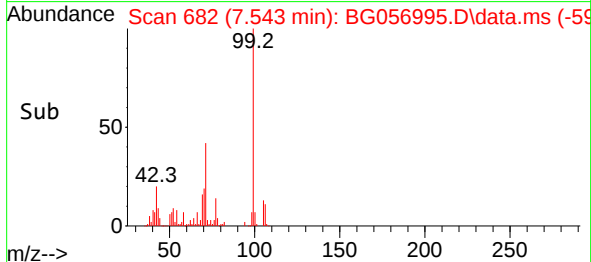
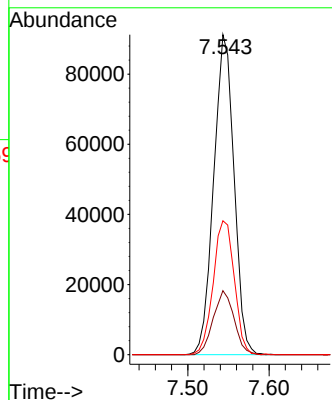
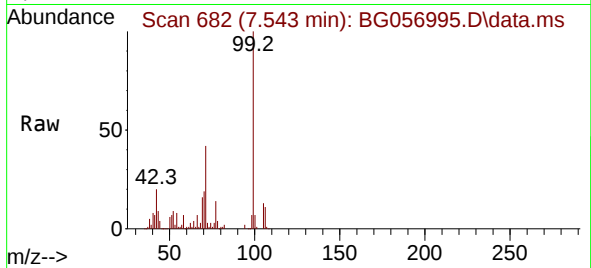




#7
Phenol-d6
Concen: 122.955 ng
RT: 7.543 min Scan# 681
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

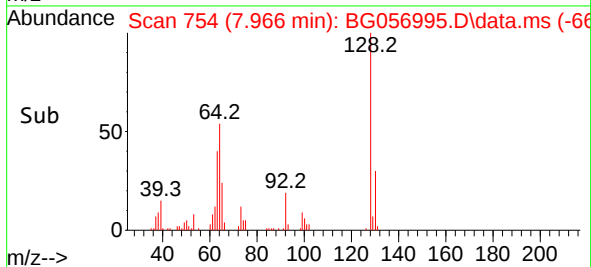
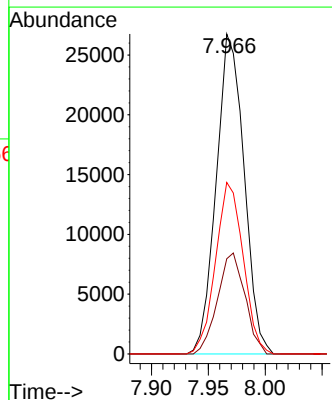
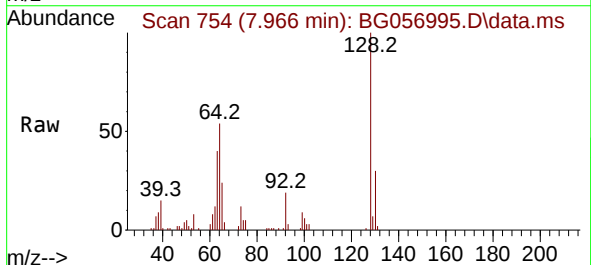
Instrument :
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Tgt Ion: 99 Resp: 158703
Ion Ratio Lower Upper
99 100
42 20.0 15.7 23.5
71 41.8 32.5 48.7



#8
2-Chlorophenol
Concen: 52.970 ng
RT: 7.966 min Scan# 754
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion: 128 Resp: 45533
Ion Ratio Lower Upper
128 100
130 29.7 12.6 52.6
64 53.6 40.6 80.6

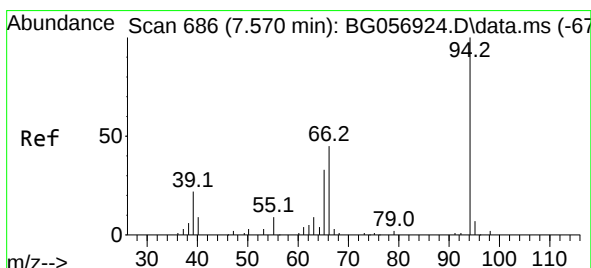
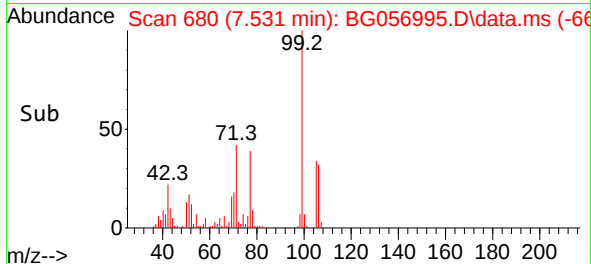
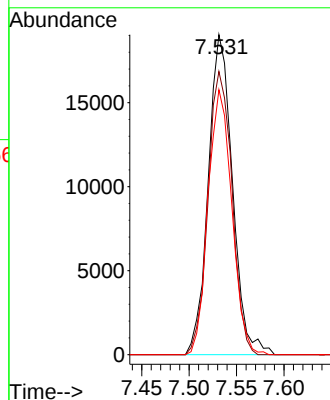
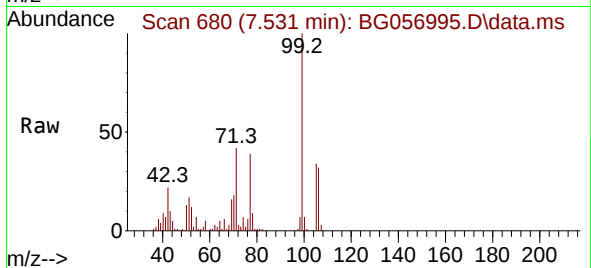




#9
Benzaldehyde
Concen: 41.819 ng
RT: 7.531 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

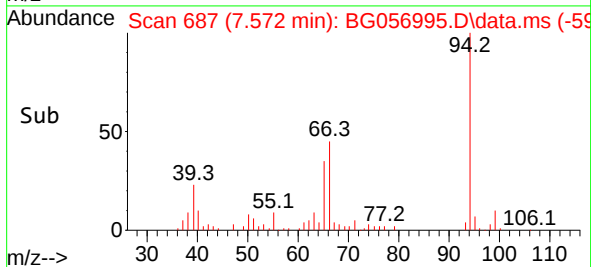
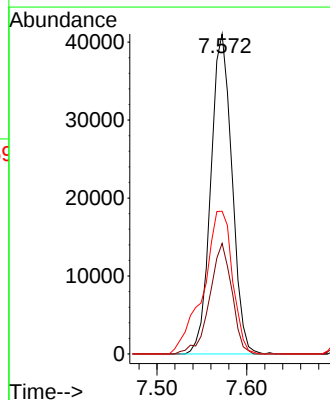
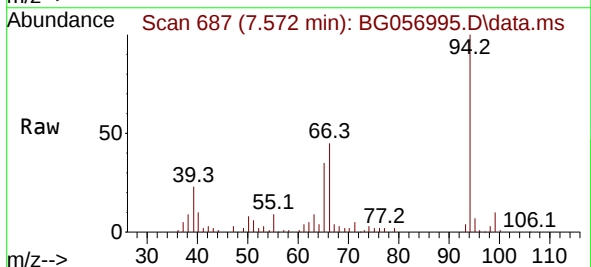
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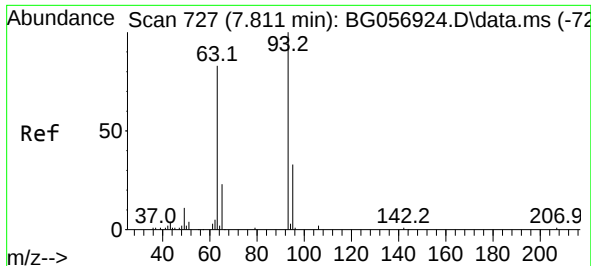
Tgt Ion: 77 Resp: 33856
Ion Ratio Lower Upper
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105 88.5 73.6 113.6
106 82.8 56.7 96.7



#10
Phenol
Concen: 52.434 ng
RT: 7.572 min Scan# 687
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion: 94 Resp: 67060
Ion Ratio Lower Upper
94 100
65 34.5 13.3 53.3
66 44.6 26.7 66.7

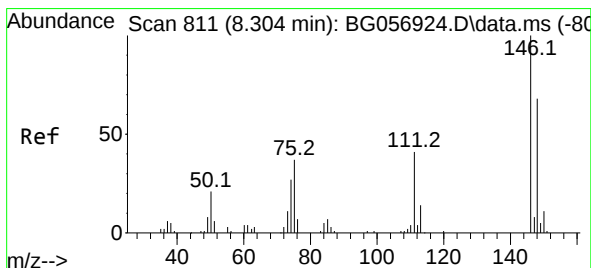
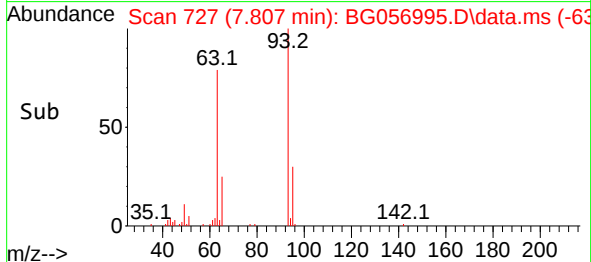
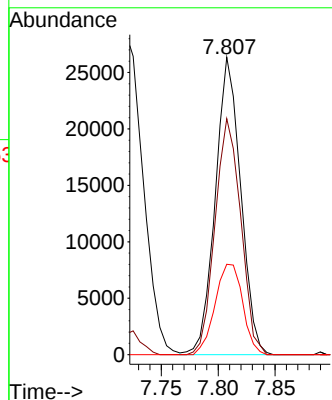
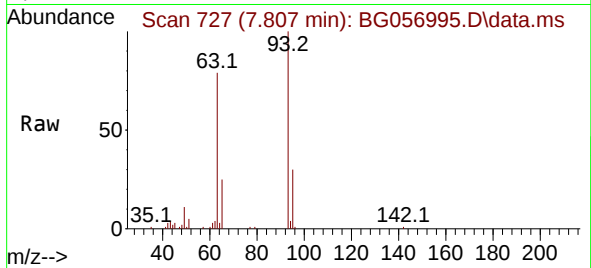




#11
bis(2-Chloroethyl)ether
Concen: 44.980 ng
RT: 7.807 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

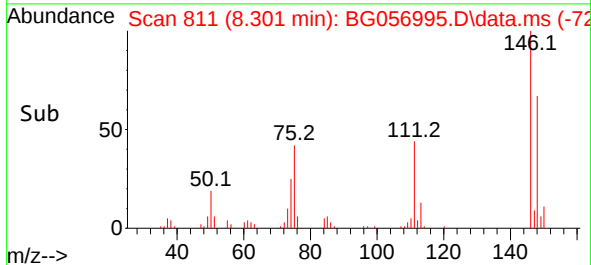
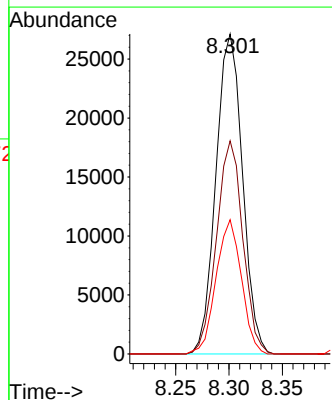
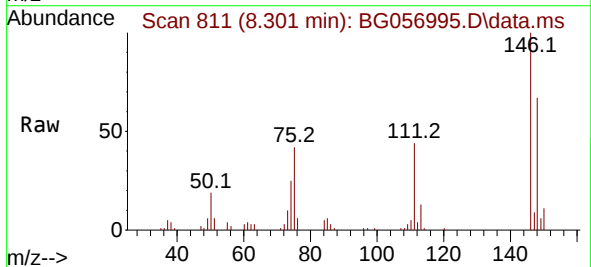
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

Tgt Ion: 93 Resp: 40978
Ion Ratio Lower Upper
93 100
63 79.4 62.7 102.7
95 30.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 49.519 ng
RT: 8.301 min Scan# 811
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion: 146 Resp: 47034
Ion Ratio Lower Upper
146 100
148 66.6 54.2 81.4
75 42.0 29.8 44.8

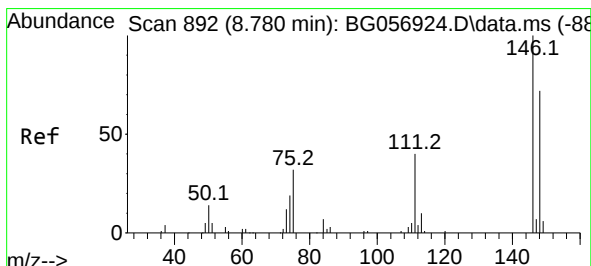
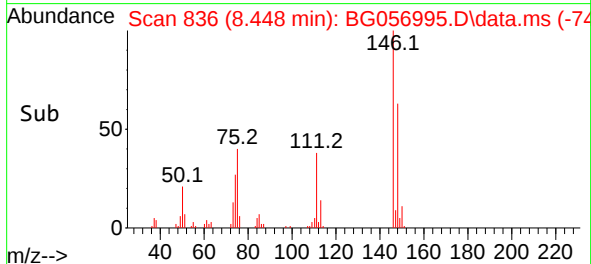
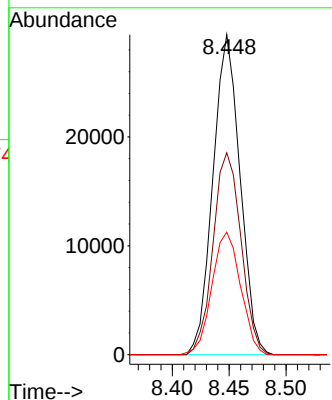
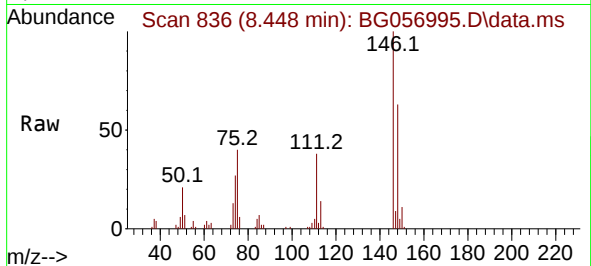




#13
1,4-Dichlorobenzene
Concen: 50.817 ng
RT: 8.448 min Scan# 811
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

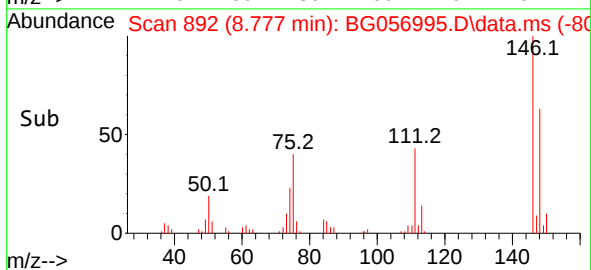
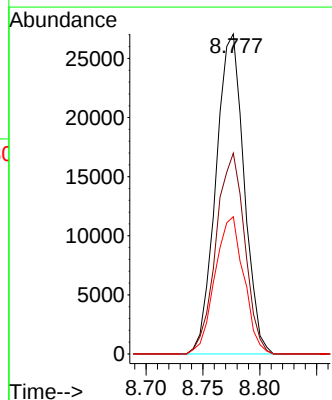
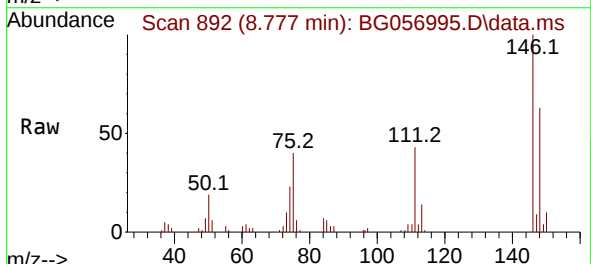
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

Tgt Ion:146 Resp: 48715
Ion Ratio Lower Upper
146 100
148 63.1 54.8 82.2
111 38.3 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 50.329 ng
RT: 8.777 min Scan# 892
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:146 Resp: 46612
Ion Ratio Lower Upper
146 100
148 62.8 57.4 86.0
111 42.9 33.2 49.8

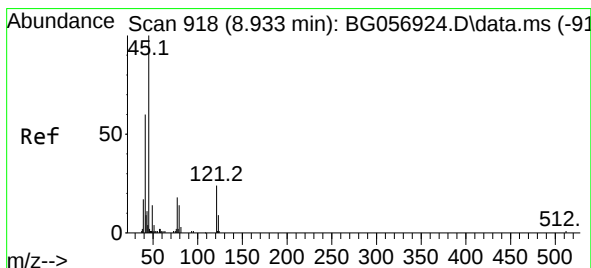
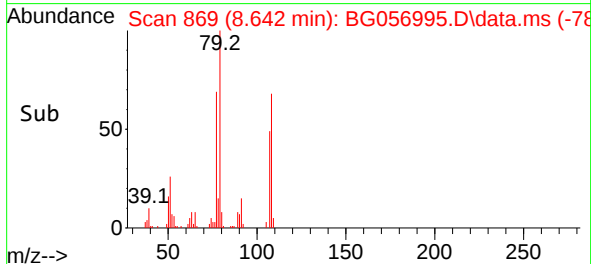
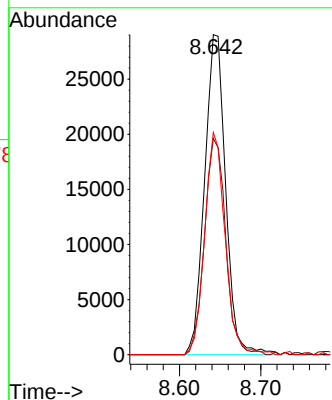
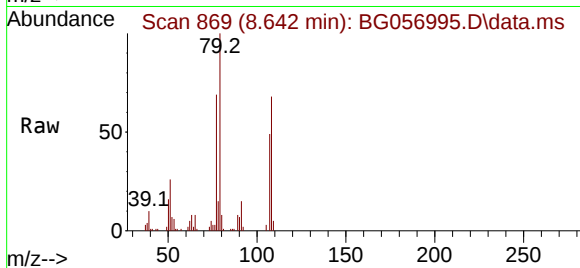




#15
Benzyl Alcohol
Concen: 48.673 ng
RT: 8.642 min Scan# 869
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

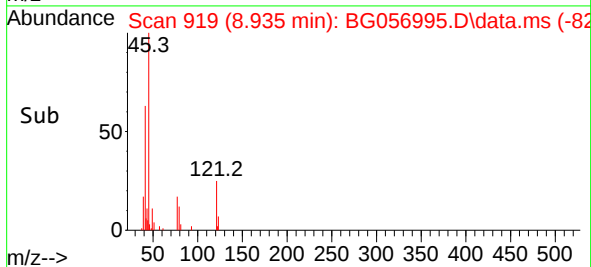
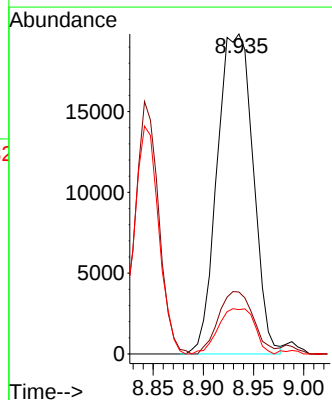
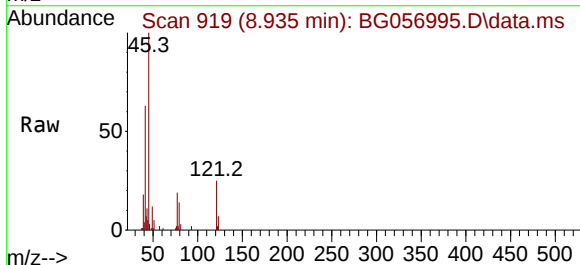
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

Tgt Ion: 79 Resp: 52202
Ion Ratio Lower Upper
79 100
108 67.6 51.2 76.8
77 69.5 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.867 ng
RT: 8.935 min Scan# 919
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

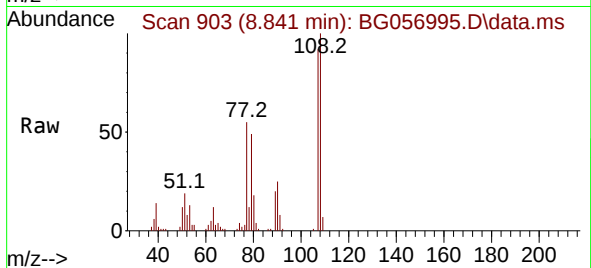
Tgt Ion: 45 Resp: 49261
Ion Ratio Lower Upper
45 100
77 19.4 0.0 38.7
79 13.8 0.0 35.1



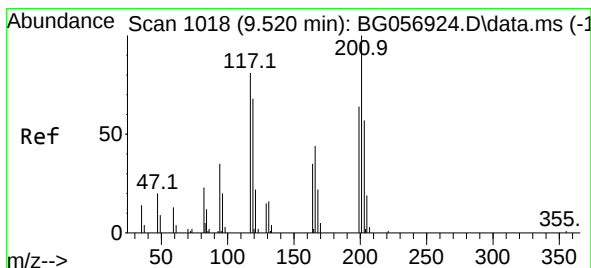
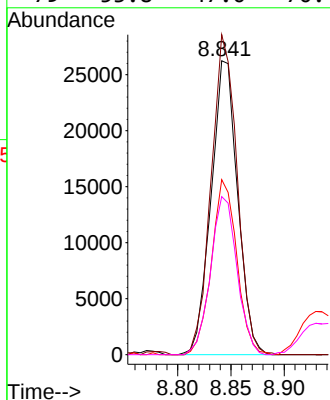
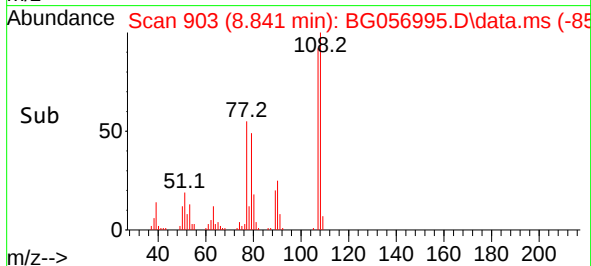


#17
2-Methylphenol
Concen: 49.711 ng
RT: 8.841 min Scan# 903
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

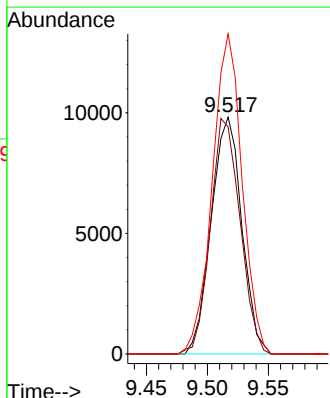
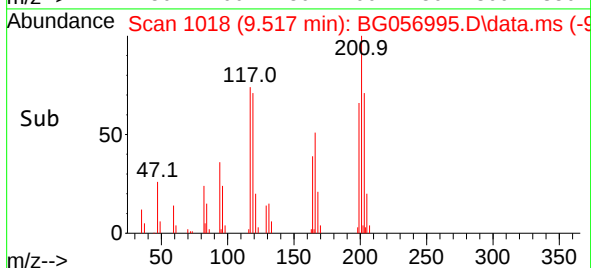
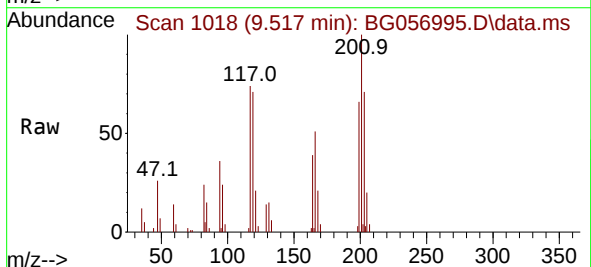


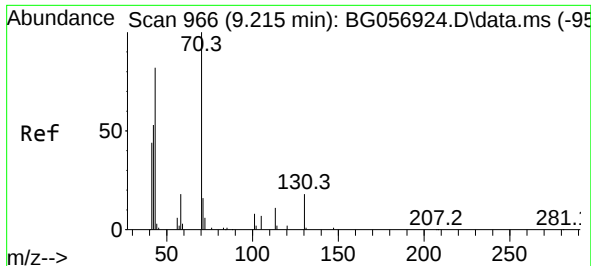
Tgt Ion:	107	Resp:	45359
Ion Ratio	Lower	Upper	
107	100		
108	108.9	96.0	144.0
77	59.6	45.6	68.4
79	53.8	47.0	70.4



#18
Hexachloroethane
Concen: 48.861 ng
RT: 9.517 min Scan# 1018
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:	117	Resp:	17120
Ion Ratio	Lower	Upper	
117	100		
119	95.9	67.0	100.6
201	135.2	98.7	148.1

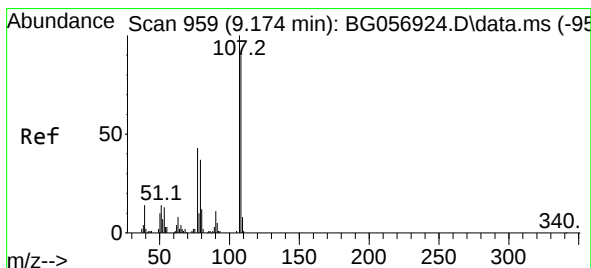
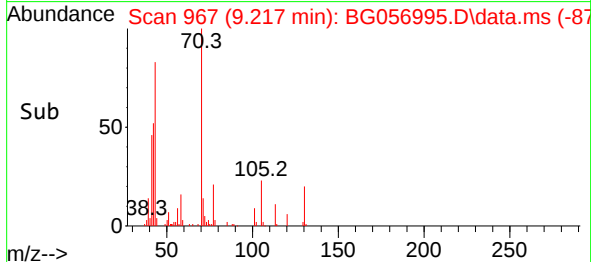
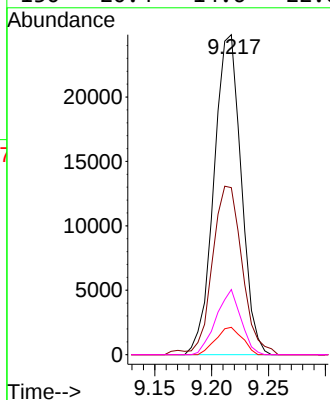
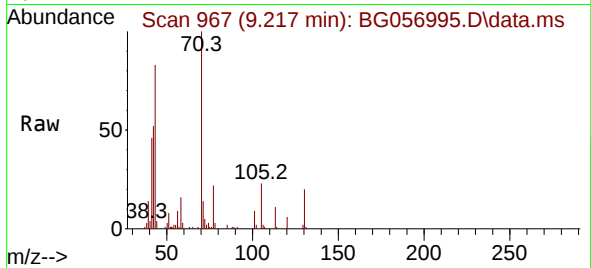




#19
n-Nitroso-di-n-propylamine
Concen: 44.845 ng
RT: 9.217 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

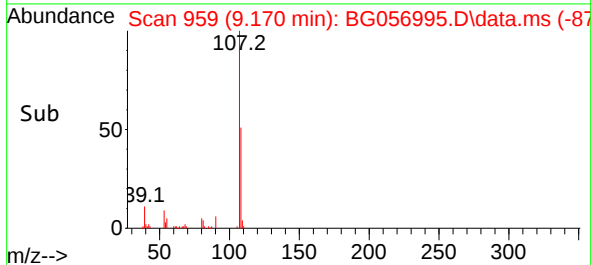
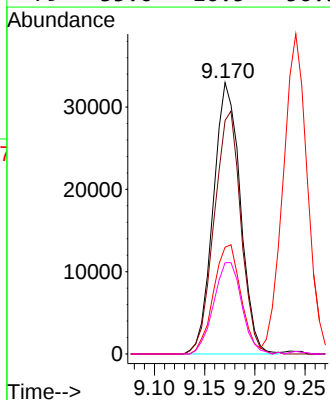
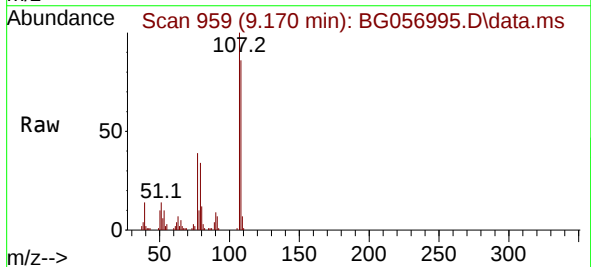
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

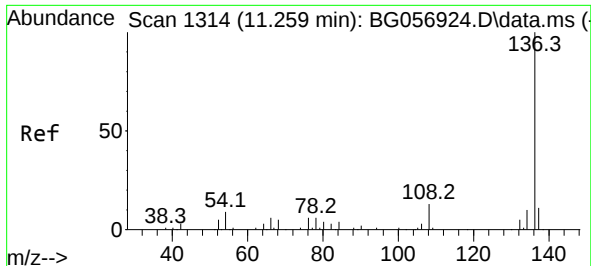
Tgt Ion: 70 Resp: 41402
Ion Ratio Lower Upper
70 100
42 52.2 43.4 65.0
101 8.5 6.2 9.2
130 20.4 14.6 22.0



#20
3+4-Methylphenols
Concen: 48.385 ng
RT: 9.170 min Scan# 959
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion: 107 Resp: 61735
Ion Ratio Lower Upper
107 100
108 86.0 69.9 109.9
77 39.3 22.7 62.7
79 33.6 16.5 56.5

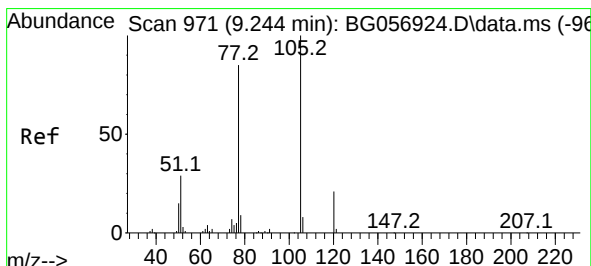
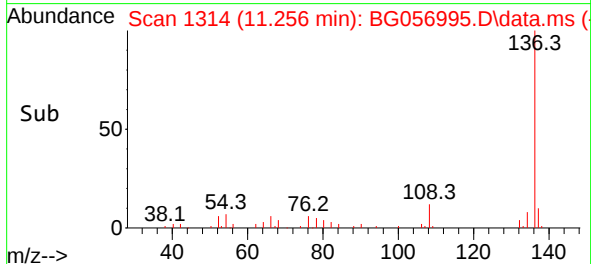
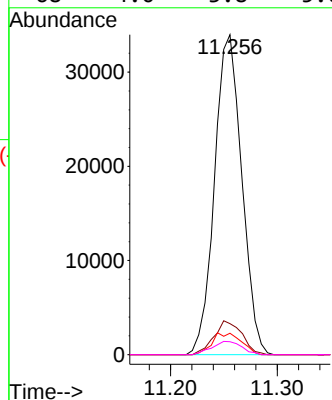
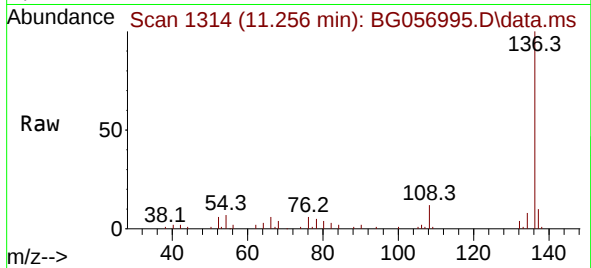




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

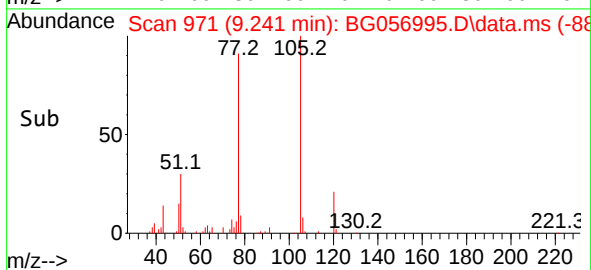
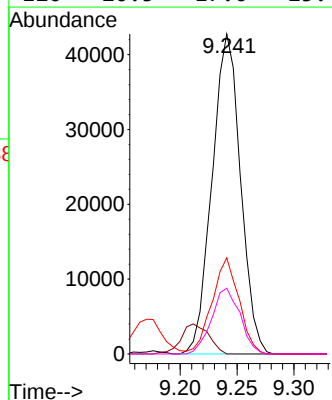
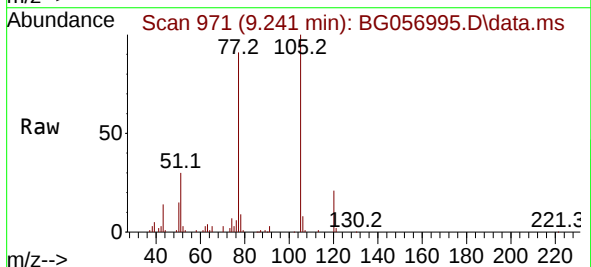
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

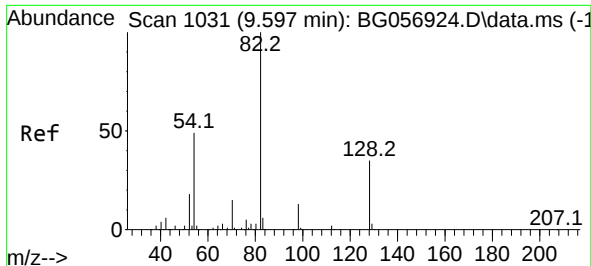
Tgt Ion:136 Resp: 60252
Ion Ratio Lower Upper
136 100
137 9.7 8.6 13.0
54 6.7 6.9 10.3#
68 4.0 3.8 5.6



#22
Acetophenone
Concen: 41.457 ng
RT: 9.241 min Scan# 971
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:105 Resp: 74327
Ion Ratio Lower Upper
105 100
71 0.0 0.7 1.1#
51 30.0 23.8 35.8
120 20.5 17.0 25.4

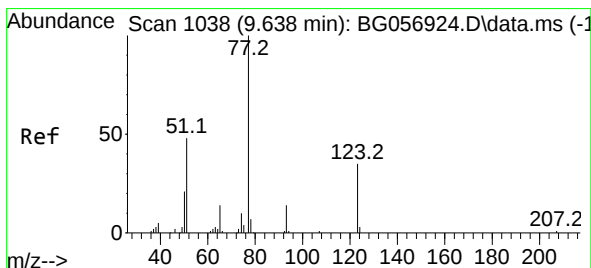
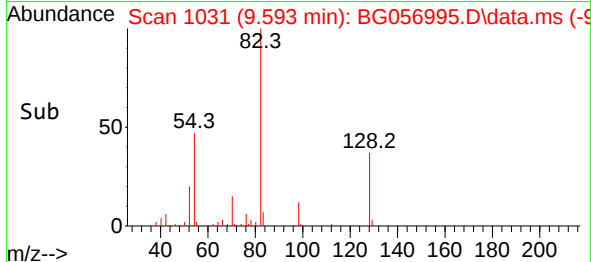
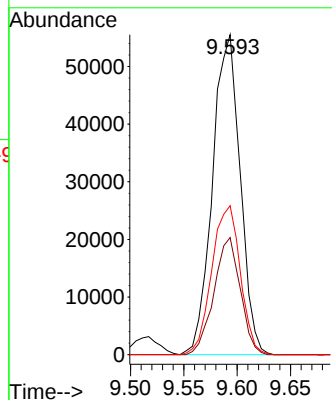
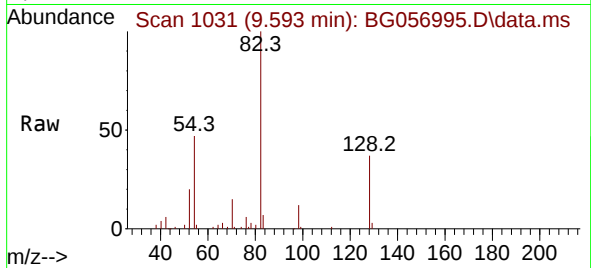




#23
Nitrobenzene-d5
Concen: 67.918 ng
RT: 9.593 min Scan# 1031
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

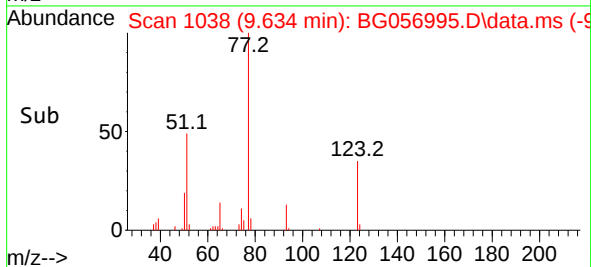
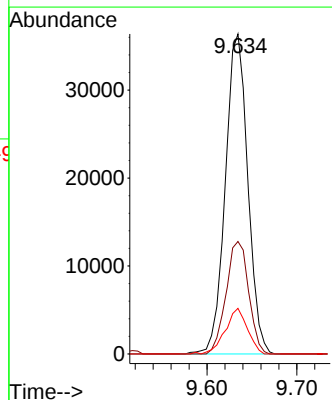
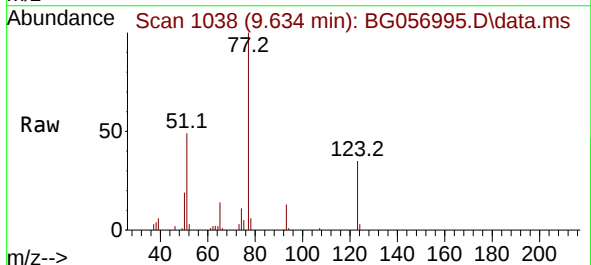
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

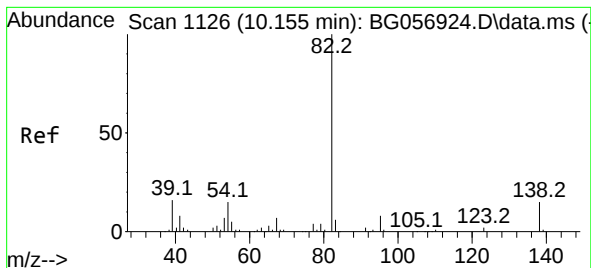
Tgt Ion: 82 Resp: 100010
Ion Ratio Lower Upper
82 100
128 36.6 27.9 41.9
54 46.6 39.4 59.2



#24
Nitrobenzene
Concen: 41.878 ng
RT: 9.634 min Scan# 1038
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion: 77 Resp: 63047
Ion Ratio Lower Upper
77 100
123 35.1 27.6 41.4
65 14.3 11.5 17.3





#25

Isophorone

Concen: 40.410 ng

RT: 10.151 min Scan# 1126

Delta R.T. -0.007 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MSD

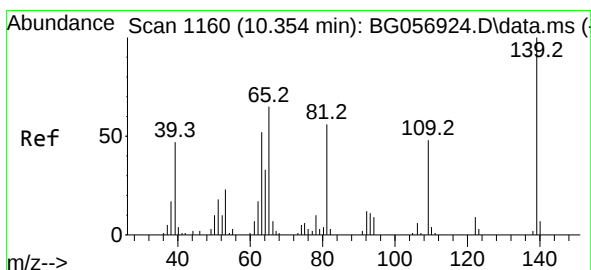
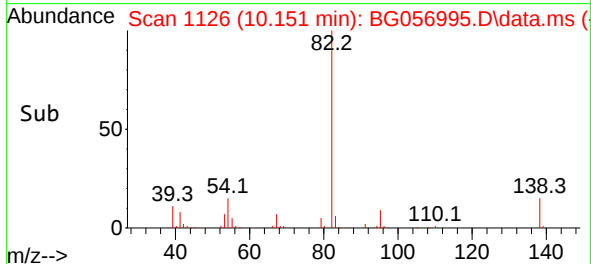
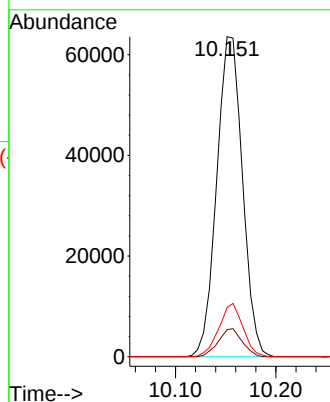
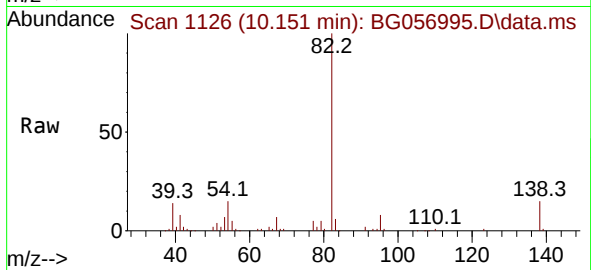
Tgt Ion: 82 Resp: 113311

Ion Ratio Lower Upper

82 100

95 8.5 6.3 9.5

138 15.3 11.8 17.8



#26

2-Nitrophenol

Concen: 47.871 ng

RT: 10.351 min Scan# 1160

Delta R.T. -0.007 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

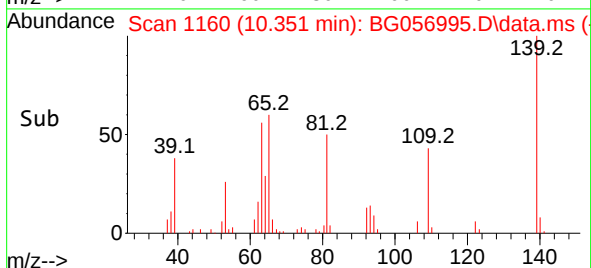
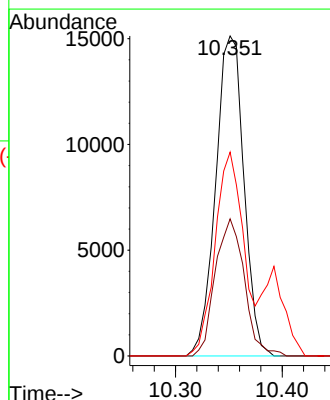
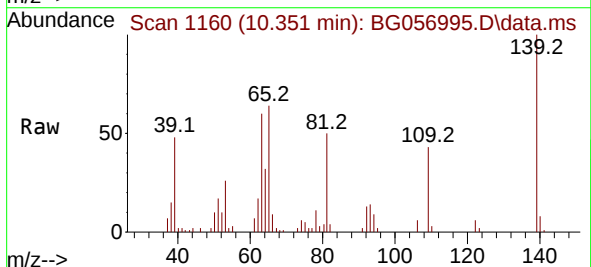
Tgt Ion:139 Resp: 27818

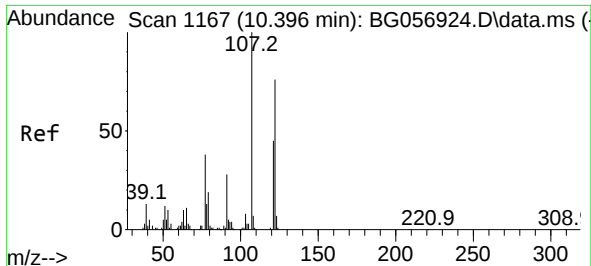
Ion Ratio Lower Upper

139 100

109 42.9 38.2 57.4

65 63.7 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 46.617 ng

RT: 10.392 min Scan# 1167

Delta R.T. -0.007 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MSD

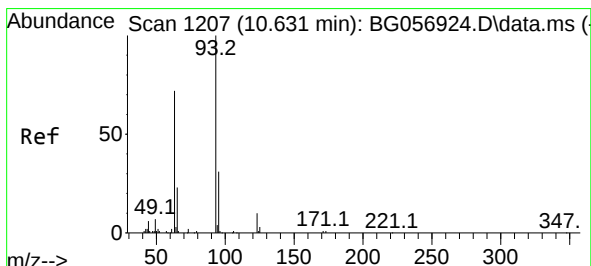
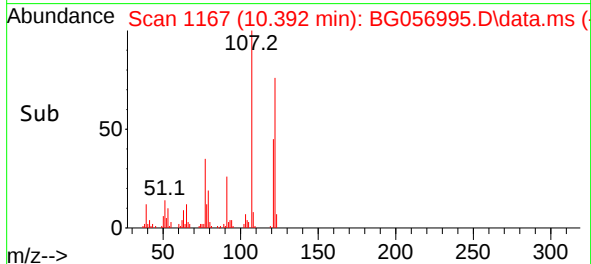
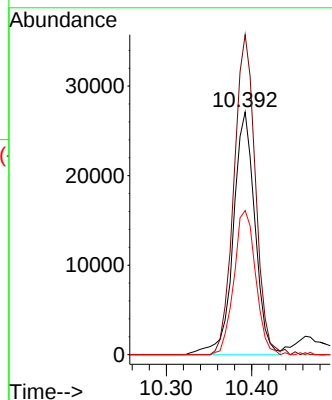
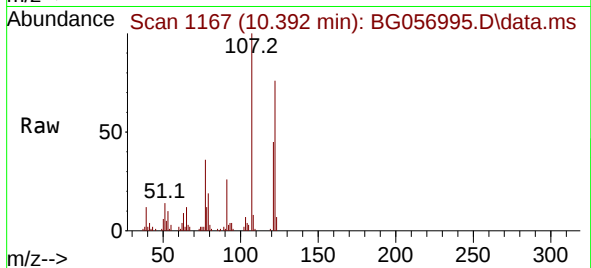
Tgt Ion:122 Resp: 47829

Ion Ratio Lower Upper

122 100

107 131.8 105.7 158.5

121 59.4 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.576 ng

RT: 10.627 min Scan# 1207

Delta R.T. -0.007 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

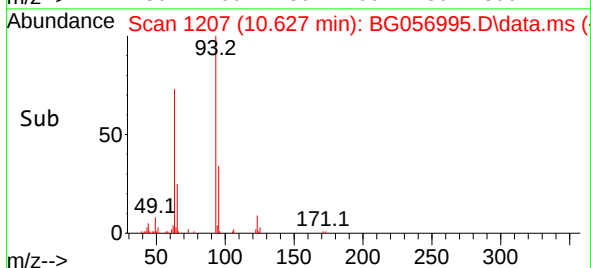
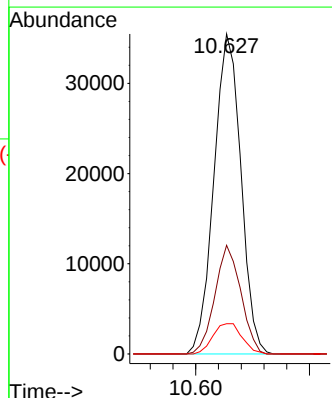
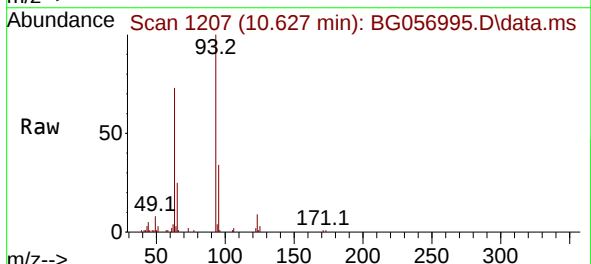
Tgt Ion: 93 Resp: 58365

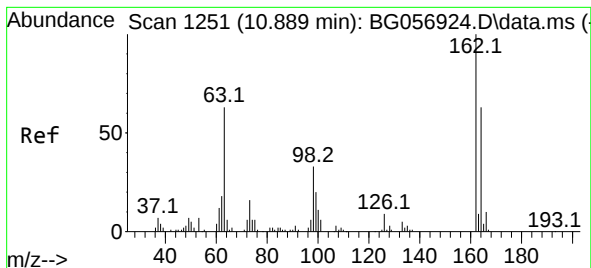
Ion Ratio Lower Upper

93 100

95 34.0 24.6 37.0

123 9.5 7.8 11.6

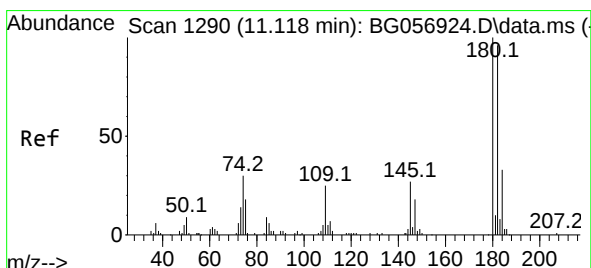
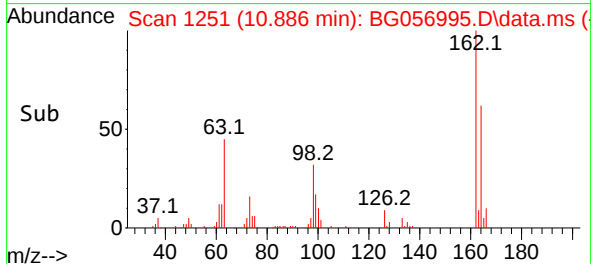
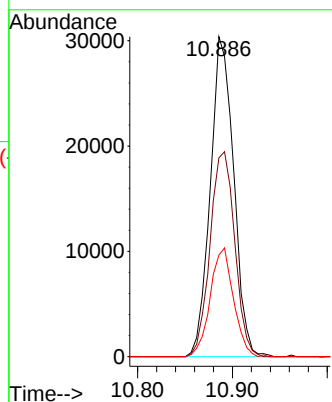
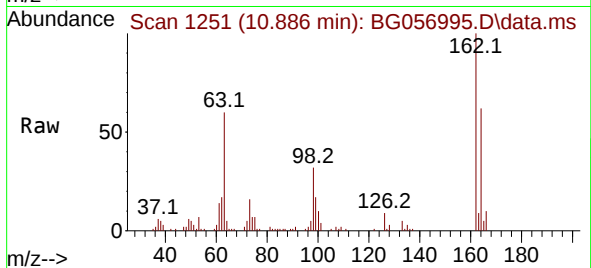




#29
2,4-Dichlorophenol
Concen: 47.192 ng
RT: 10.886 min Scan# 1251
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

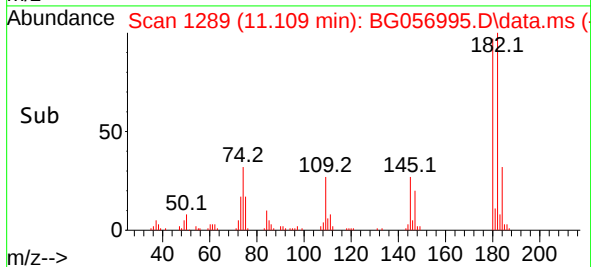
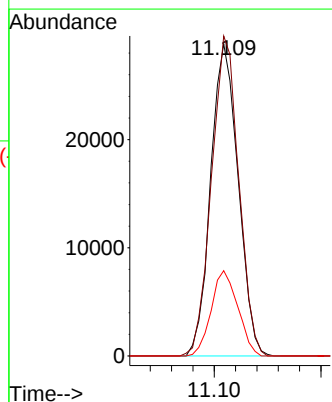
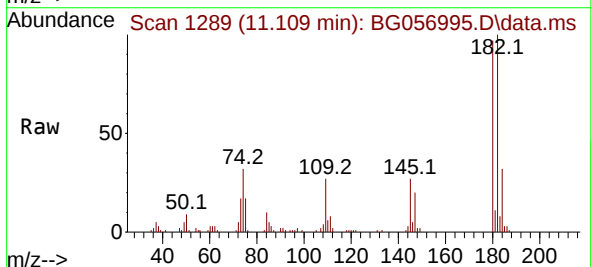
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

Tgt Ion:162 Resp: 52072
Ion Ratio Lower Upper
162 100
164 62.2 43.4 83.4
98 31.8 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 44.007 ng
RT: 11.109 min Scan# 1289
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:180 Resp: 51594
Ion Ratio Lower Upper
180 100
182 102.6 77.1 115.7
145 27.3 21.3 31.9

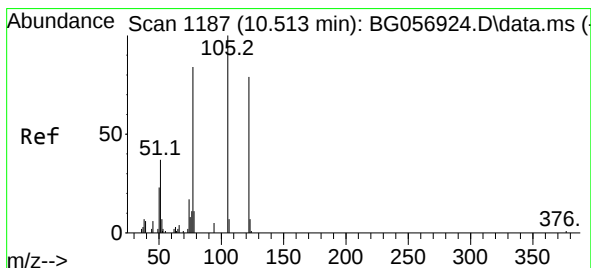
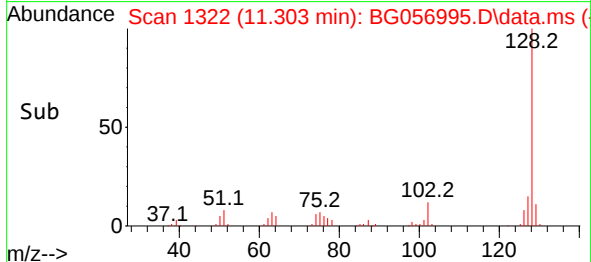
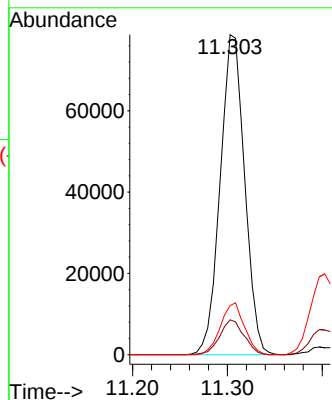
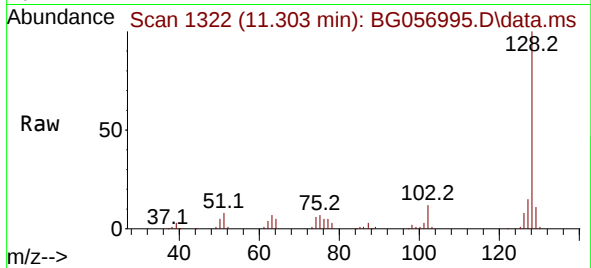




#31
Naphthalene
Concen: 42.965 ng
RT: 11.303 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

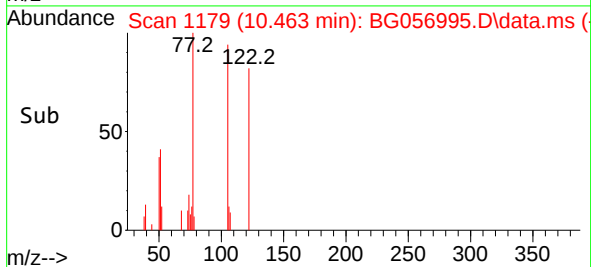
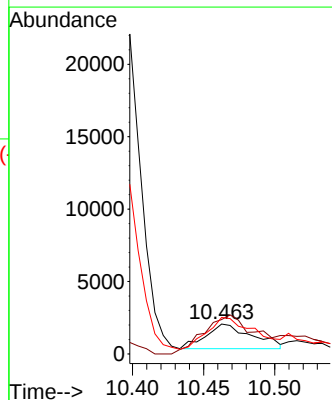
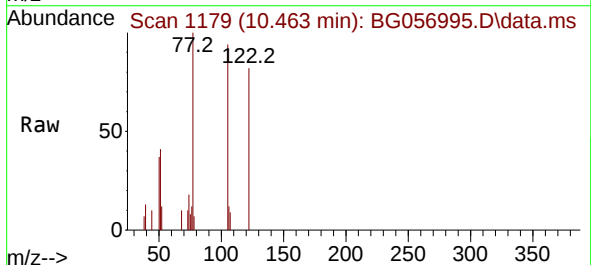
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

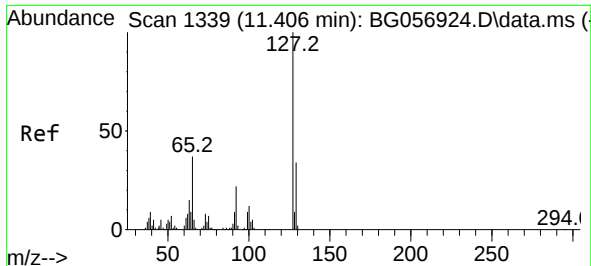
Tgt Ion:128 Resp: 141104
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 15.3 12.2 18.4



#32
Benzoic acid
Concen: 5.450 ng
RT: 10.463 min Scan# 1179
Delta R.T. -0.066 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:122 Resp: 3841
Ion Ratio Lower Upper
122 100
105 115.4 105.4 145.4
77 122.4 87.4 127.4

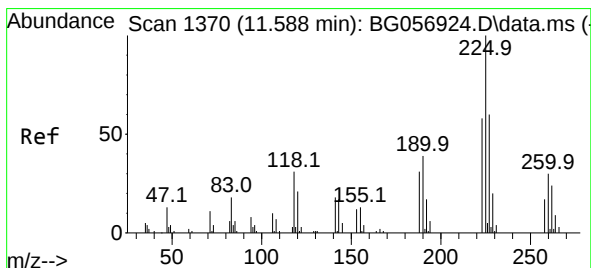
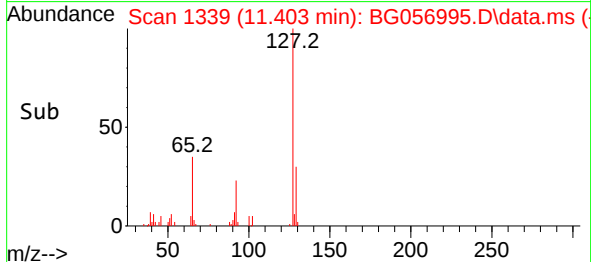
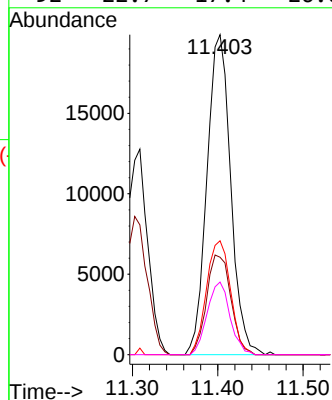
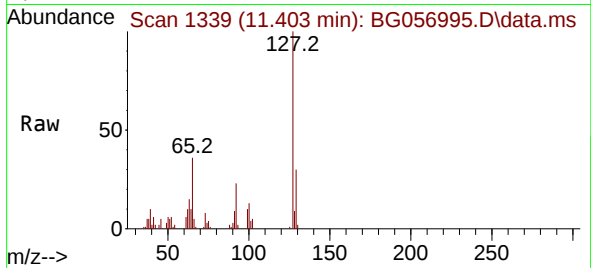




#33
4-Chloroaniline
Concen: 25.944 ng
RT: 11.403 min Scan# 11369
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

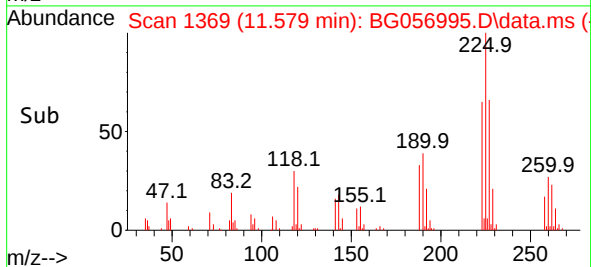
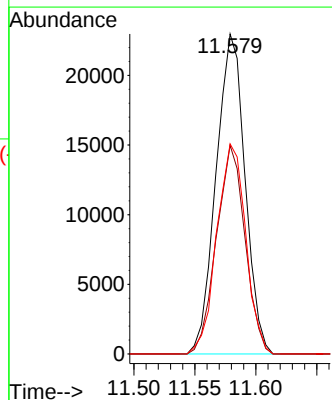
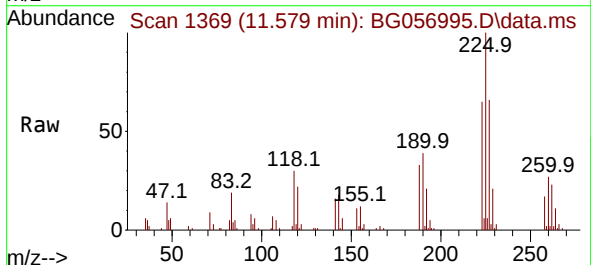
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

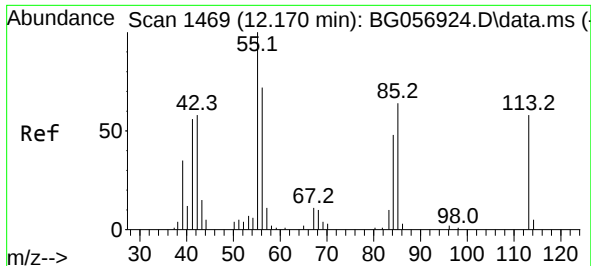
Tgt Ion:	127	Resp:	38481
Ion	Ratio	Lower	Upper
127	100		
129	30.4	27.6	41.4
65	35.6	29.8	44.8
92	22.7	17.4	26.0



#34
Hexachlorobutadiene
Concen: 43.070 ng
RT: 11.579 min Scan# 1369
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:	225	Resp:	37931
Ion	Ratio	Lower	Upper
225	100		
223	65.2	46.4	69.6
227	65.7	48.0	72.0



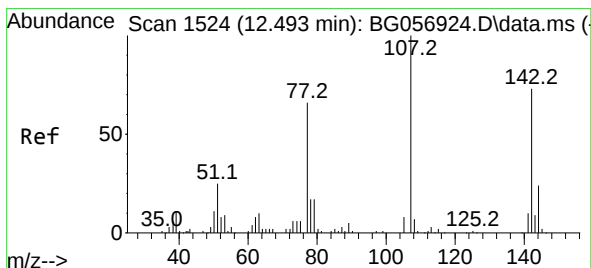
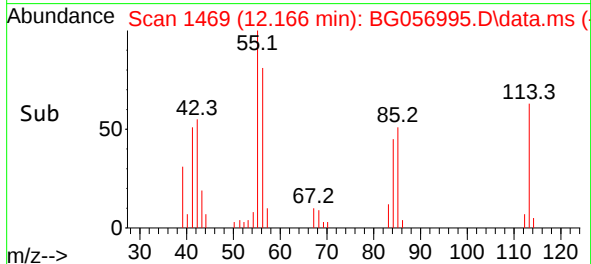
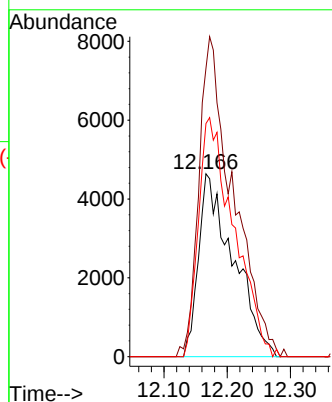
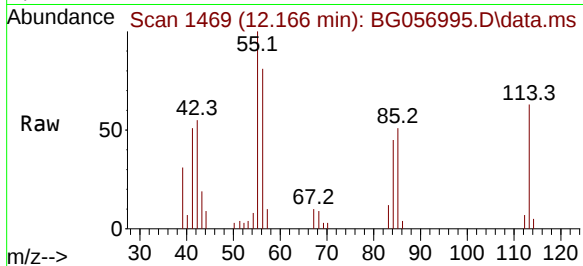


#35
 Caprolactam
 Concen: 46.536 ng
 RT: 12.166 min Scan# 1469
 Delta R.T. -0.013 min
 Lab File: BG056995.D
 Acq: 5 Apr 2023 17:58

Instrument :
 BNA_G
 ClientSampleId :
 B-30-SB02MSD

Tgt Ion:113 Resp: 17708

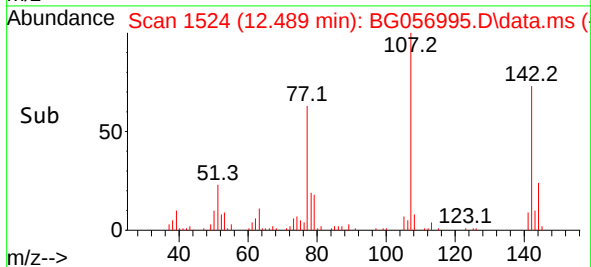
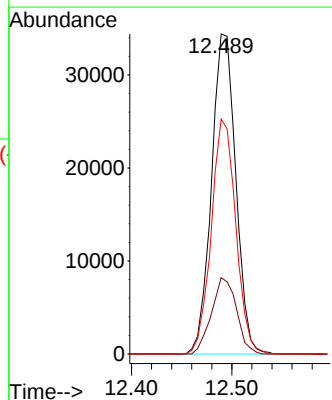
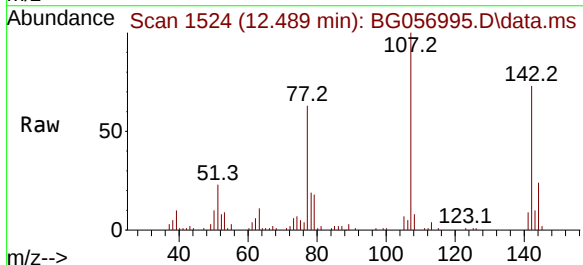
Ion	Ratio	Lower	Upper
113	100		
55	157.6	151.6	191.6
56	127.5	103.7	143.7

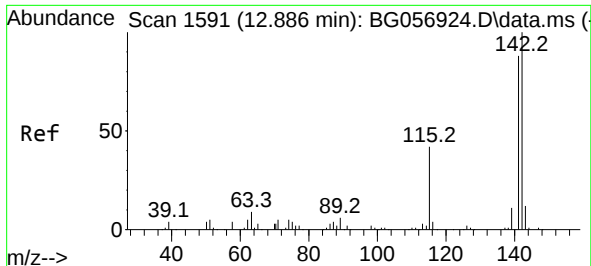


#36
 4-Chloro-3-methylphenol
 Concen: 46.886 ng
 RT: 12.489 min Scan# 1524
 Delta R.T. -0.007 min
 Lab File: BG056995.D
 Acq: 5 Apr 2023 17:58

Tgt Ion:107 Resp: 57855

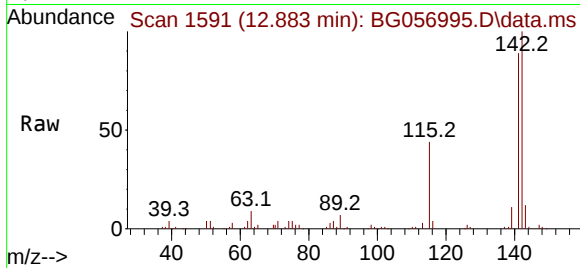
Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.0	28.4
142	73.4	58.6	88.0



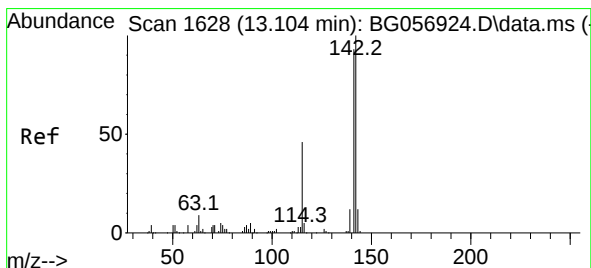
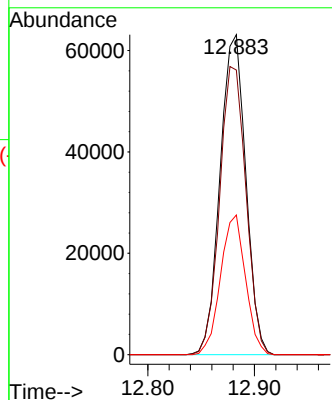
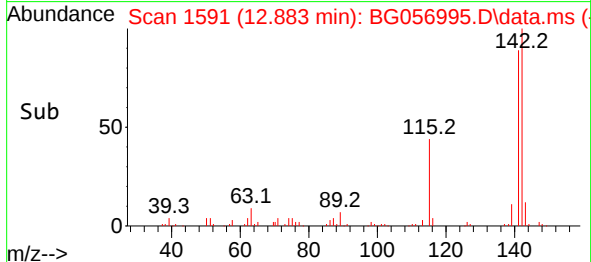


#37
2-Methylnaphthalene
Concen: 40.628 ng
RT: 12.883 min Scan# 1591
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

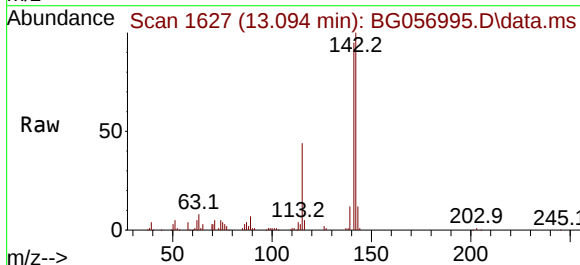
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD



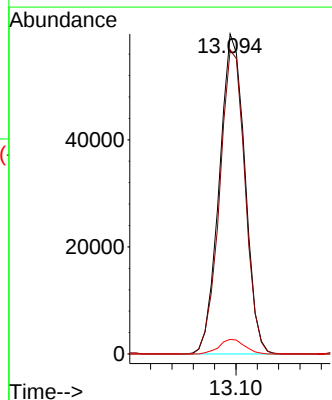
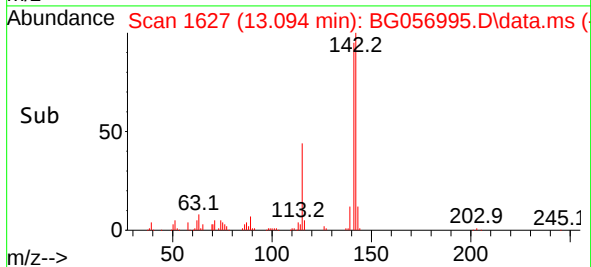
Tgt Ion:142 Resp: 105897
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5
115 43.7 33.5 50.3

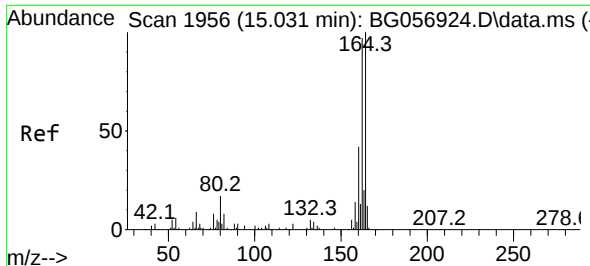


#38
1-Methylnaphthalene
Concen: 40.563 ng
RT: 13.094 min Scan# 1627
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58



Tgt Ion:142 Resp: 99279
Ion Ratio Lower Upper
142 100
141 95.0 74.0 111.0
116 4.5 3.7 5.5

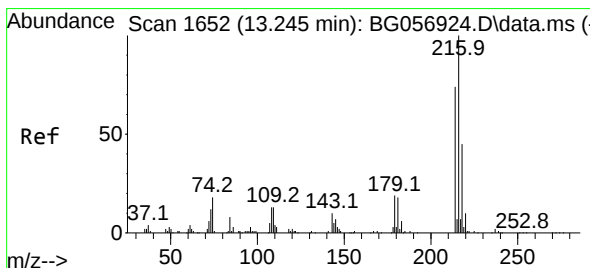
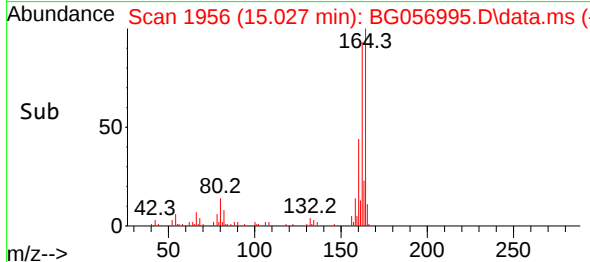
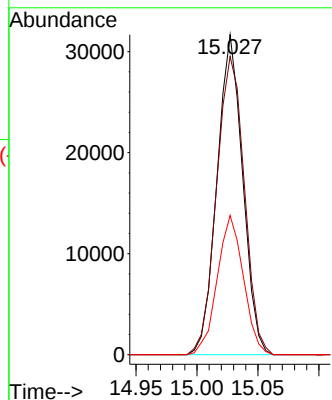
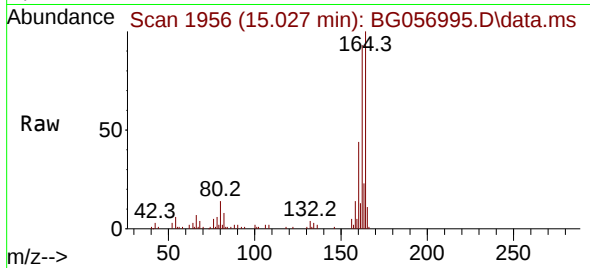




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.027 min Scan# 1956
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

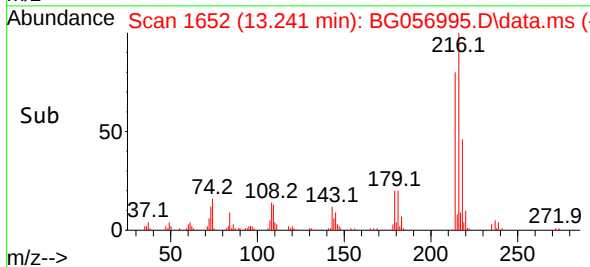
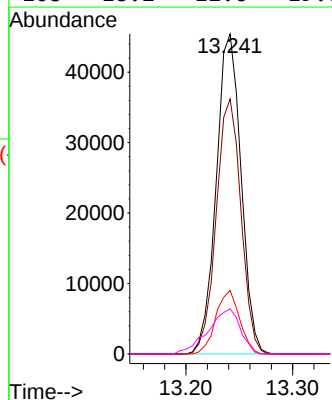
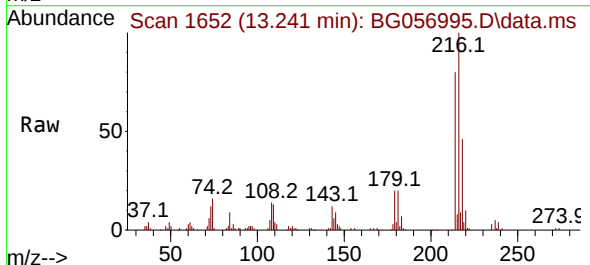
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

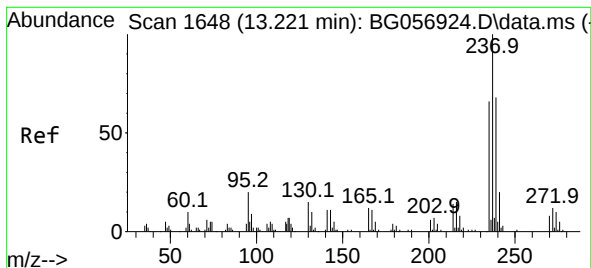
Tgt Ion:164 Resp: 46272
Ion Ratio Lower Upper
164 100
162 93.2 77.8 116.8
160 43.5 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.700 ng
RT: 13.241 min Scan# 1652
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

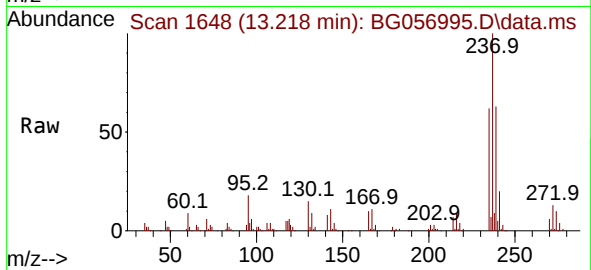
Tgt Ion:216 Resp: 73329
Ion Ratio Lower Upper
216 100
214 79.2 63.3 94.9
179 19.0 15.0 22.6
108 18.2 12.6 19.0



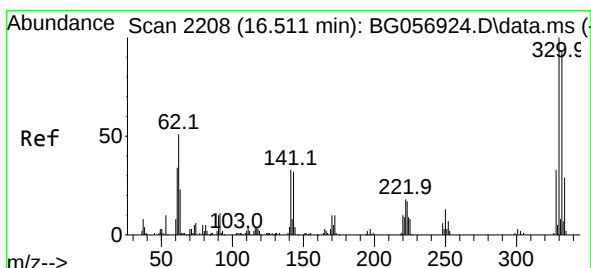
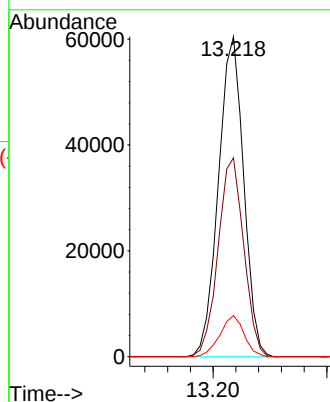
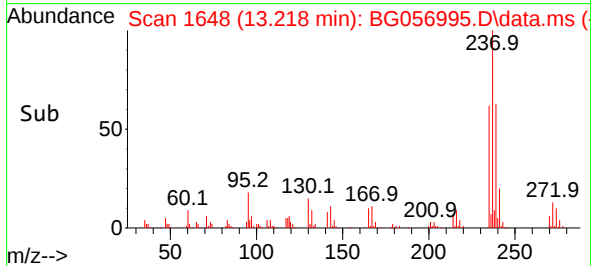


#41
Hexachlorocyclopentadiene
Concen: 105.222 ng
RT: 13.218 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

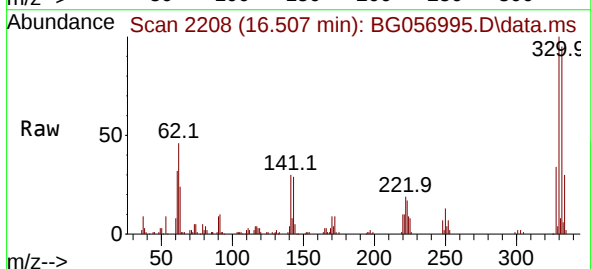
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD



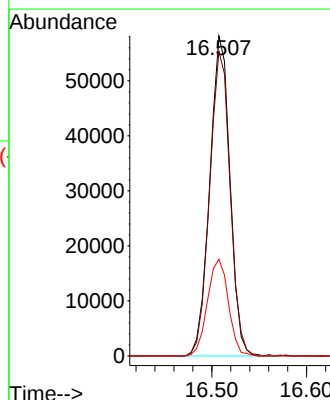
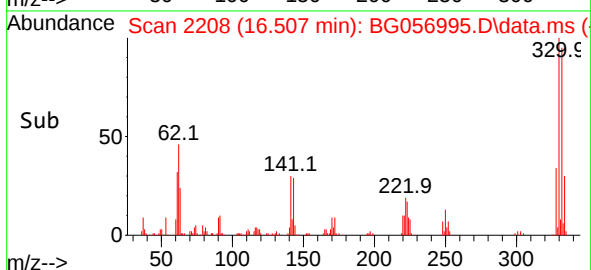
Tgt Ion:237 Resp: 93025
Ion Ratio Lower Upper
237 100
235 62.2 45.9 85.9
272 12.8 0.0 32.3

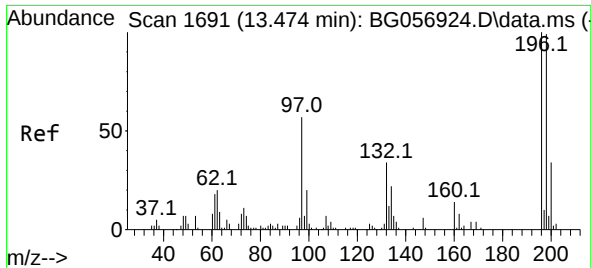


#42
2,4,6-Tribromophenol
Concen: 116.566 ng
RT: 16.507 min Scan# 2208
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58



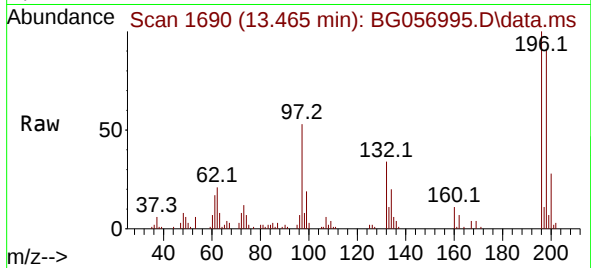
Tgt Ion:330 Resp: 86167
Ion Ratio Lower Upper
330 100
332 96.0 76.1 114.1
141 31.2 25.8 38.6



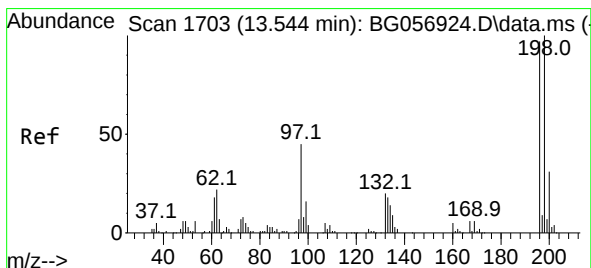
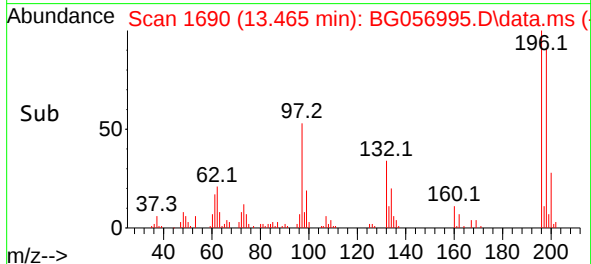
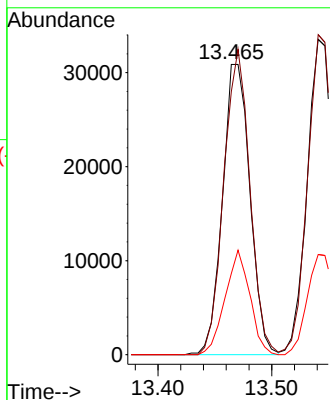


#43
2,4,6-Trichlorophenol
Concen: 50.558 ng
RT: 13.465 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

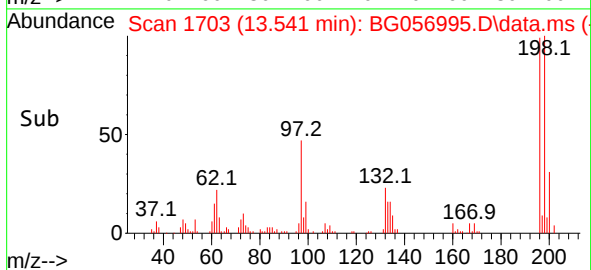
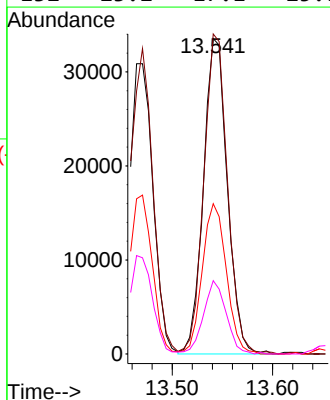
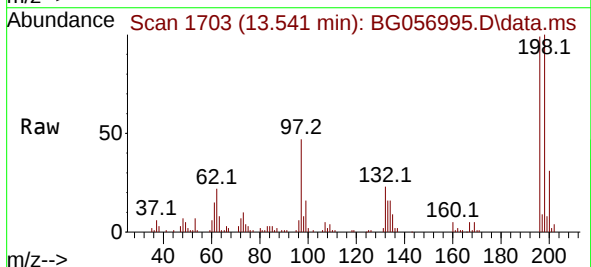


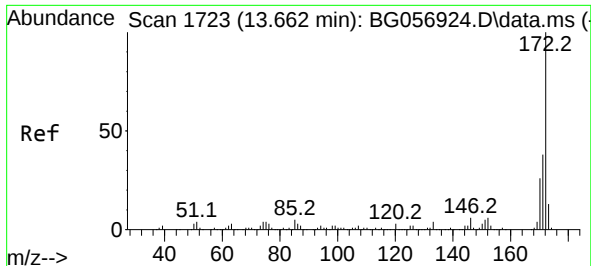
Tgt Ion:196 Resp: 51768
Ion Ratio Lower Upper
196 100
198 90.6 79.1 118.7
200 28.0 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 45.935 ng
RT: 13.541 min Scan# 1703
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:196 Resp: 55720
Ion Ratio Lower Upper
196 100
198 101.5 82.5 123.7
97 47.6 37.0 55.6
132 23.2 17.1 25.7

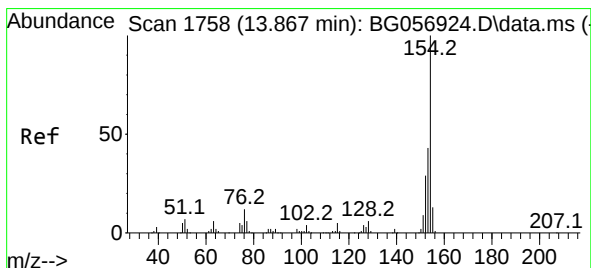
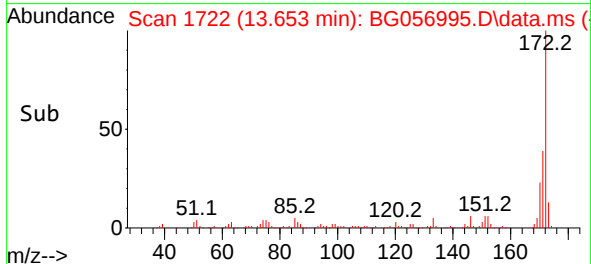
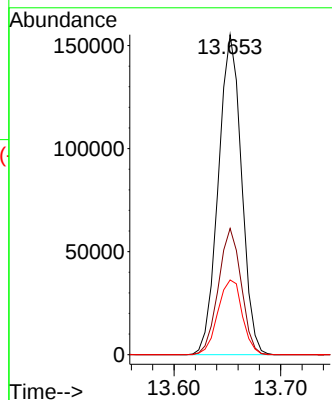
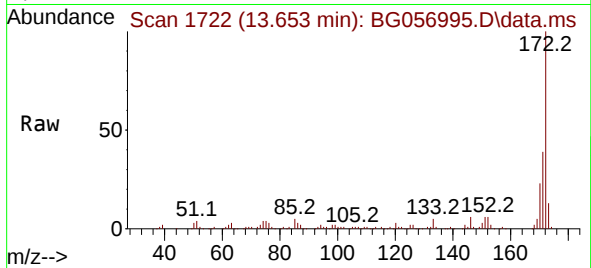




#45
2-Fluorobiphenyl
Concen: 68.550 ng
RT: 13.653 min Scan# 1722
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

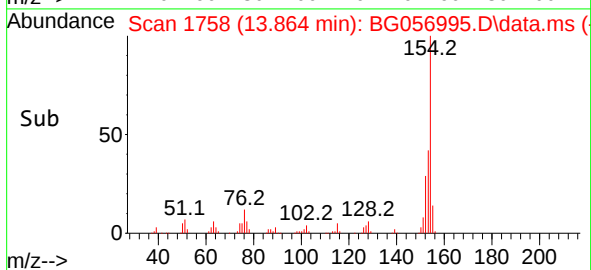
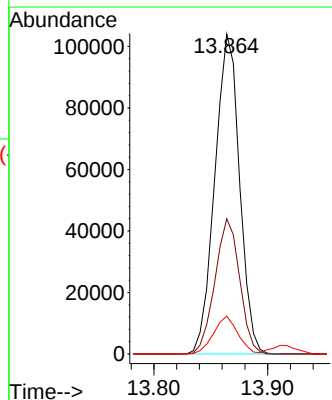
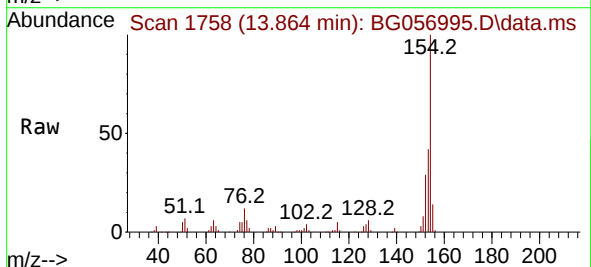
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

Tgt Ion:172 Resp: 233916
Ion Ratio Lower Upper
172 100
171 39.5 30.6 46.0
170 23.4 20.6 30.8



#46
1,1'-Biphenyl
Concen: 46.373 ng
RT: 13.864 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:154 Resp: 157077
Ion Ratio Lower Upper
154 100
153 42.2 23.4 63.4
76 11.8 0.0 31.6

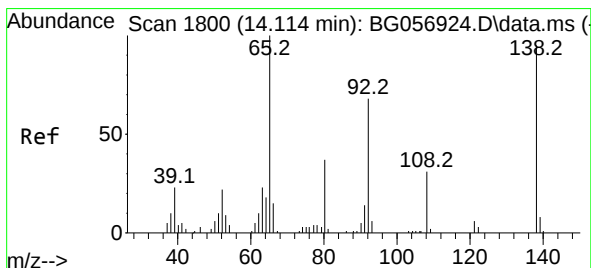
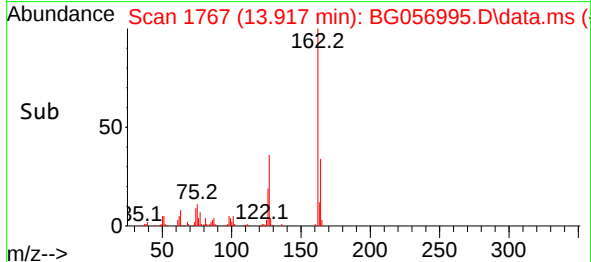
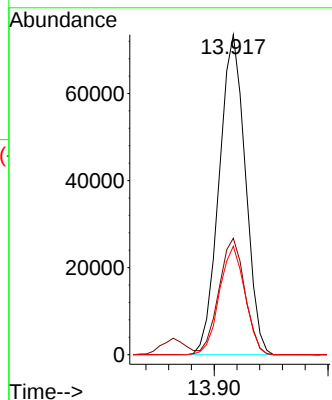
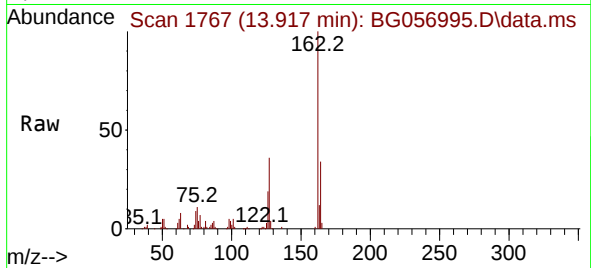




#47
2-Chloronaphthalene
Concen: 46.978 ng
RT: 13.917 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

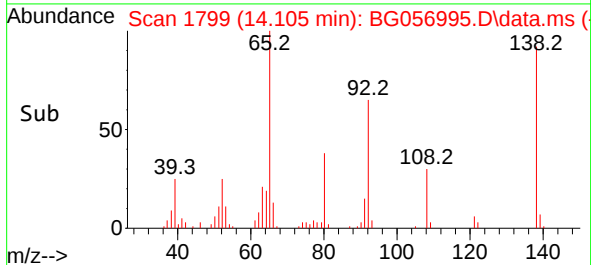
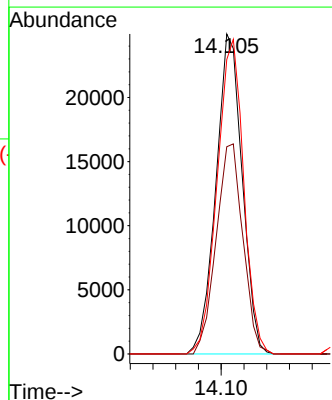
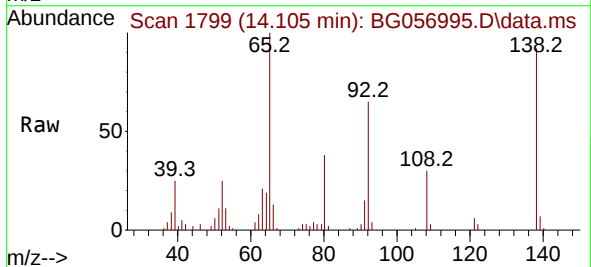
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

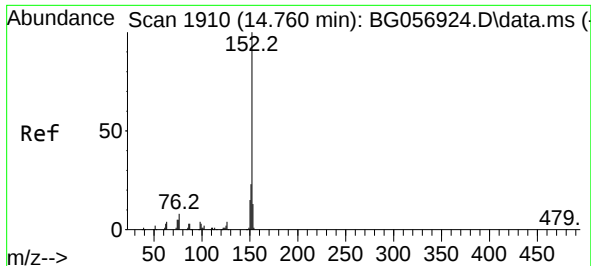
Tgt Ion:162 Resp: 117688
Ion Ratio Lower Upper
162 100
127 36.4 29.5 44.3
164 33.9 25.5 38.3



#48
2-Nitroaniline
Concen: 44.630 ng
RT: 14.105 min Scan# 1799
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion: 65 Resp: 39979
Ion Ratio Lower Upper
65 100
92 64.7 54.3 81.5
138 92.0 76.0 114.0

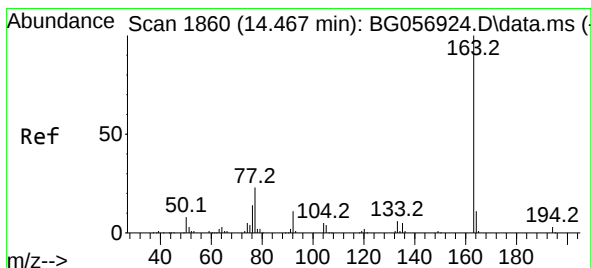
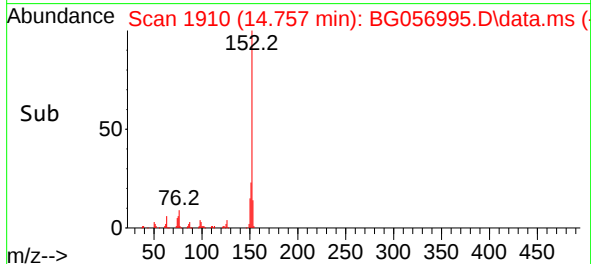
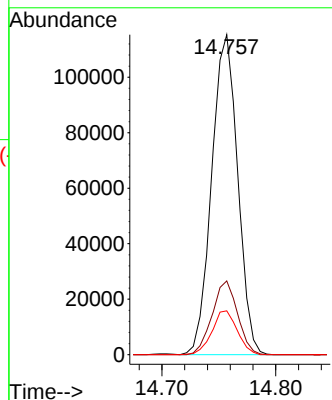
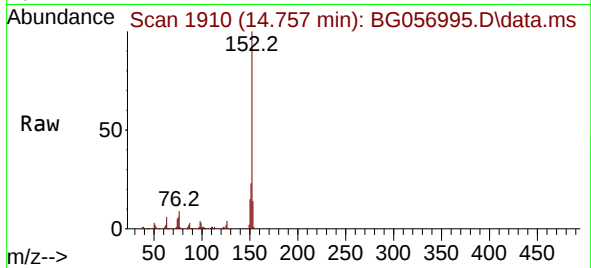




#49
Acenaphthylene
Concen: 44.525 ng
RT: 14.757 min Scan# 1910
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

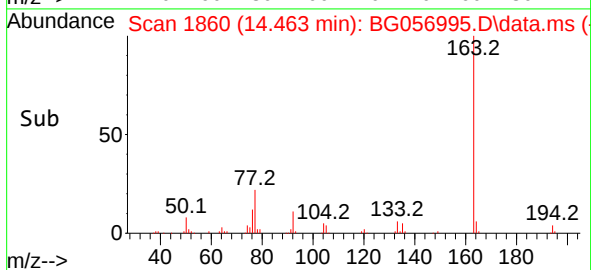
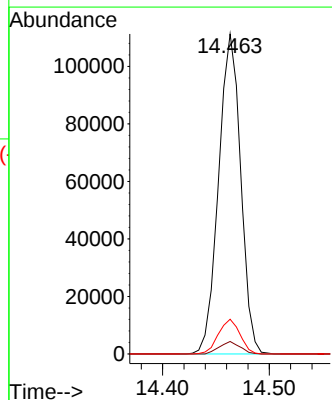
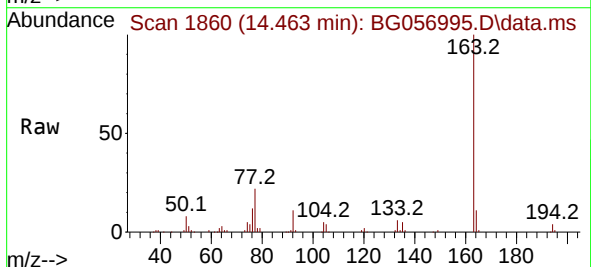
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

Tgt Ion:152 Resp: 183269
Ion Ratio Lower Upper
152 100
151 23.0 18.2 27.2
153 13.7 10.5 15.7



#50
Dimethylphthalate
Concen: 43.907 ng
RT: 14.463 min Scan# 1860
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:163 Resp: 160080
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.9 8.8 13.2

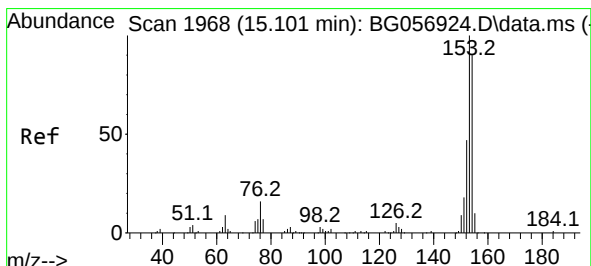
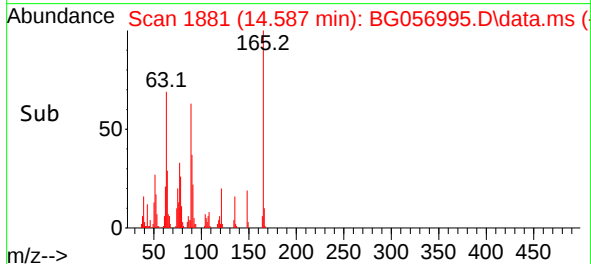
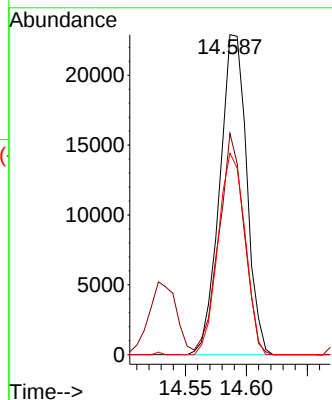
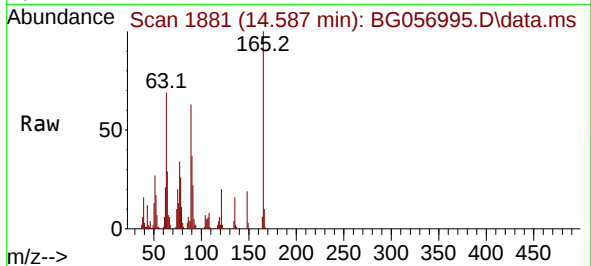




#51
2,6-Dinitrotoluene
Concen: 44.802 ng
RT: 14.587 min Scan# 1881
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

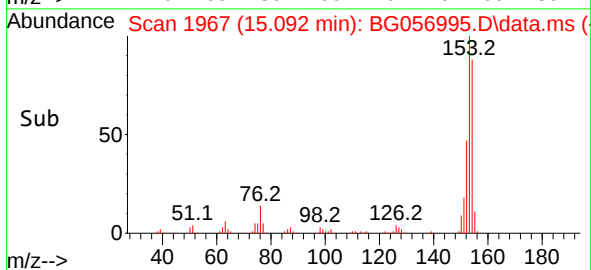
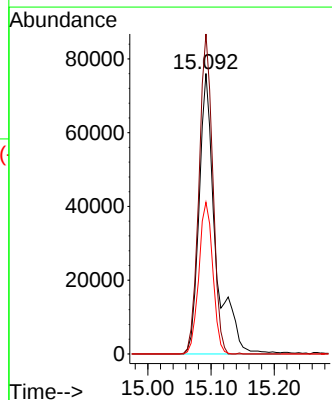
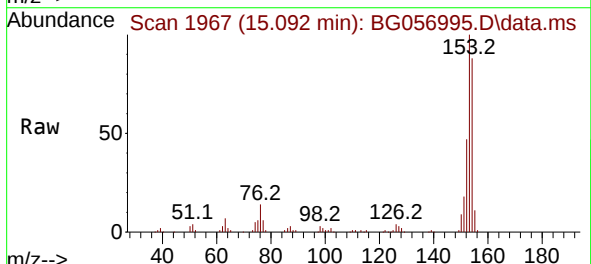
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

Tgt Ion:165 Resp: 35292
Ion Ratio Lower Upper
165 100
63 69.2 53.0 79.6
89 62.9 51.0 76.4



#52
Acenaphthene
Concen: 48.562 ng
RT: 15.092 min Scan# 1967
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:154 Resp: 137855
Ion Ratio Lower Upper
154 100
153 114.1 88.9 133.3
152 54.1 41.8 62.8

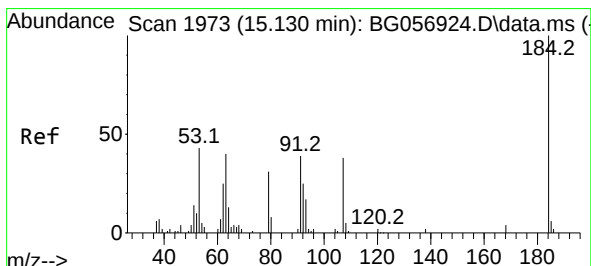
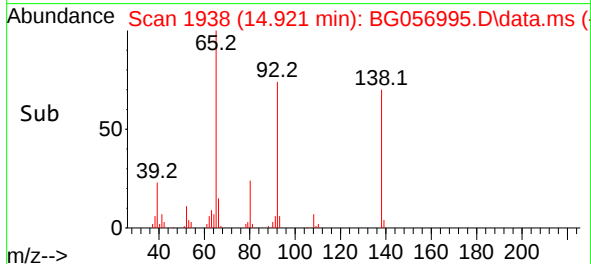
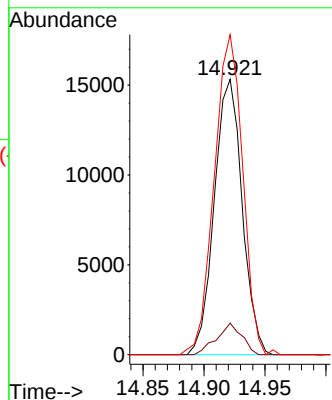
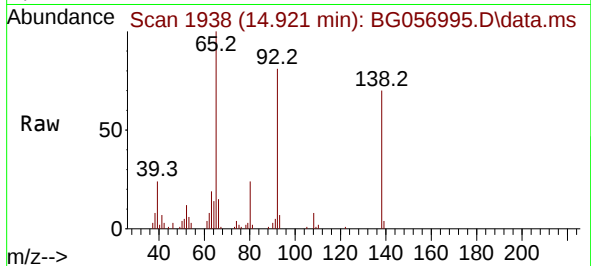




#53
3-Nitroaniline
Concen: 31.267 ng
RT: 14.921 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

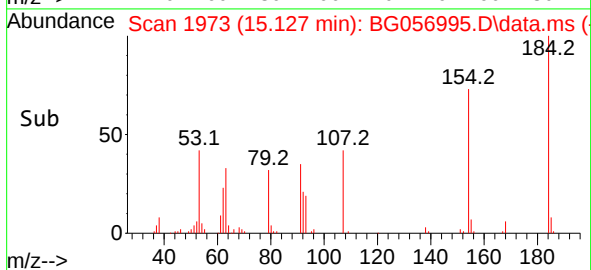
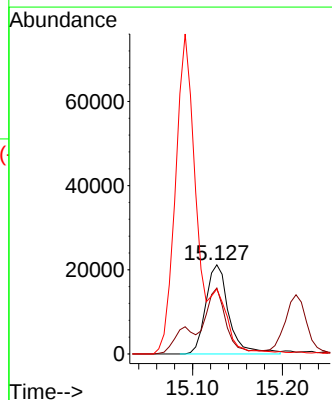
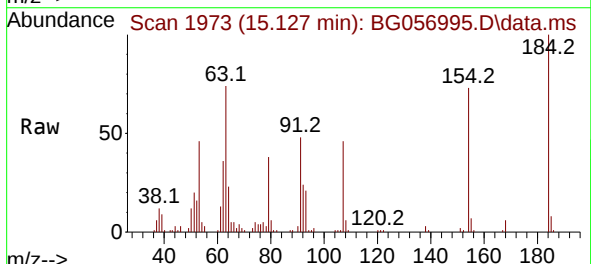
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

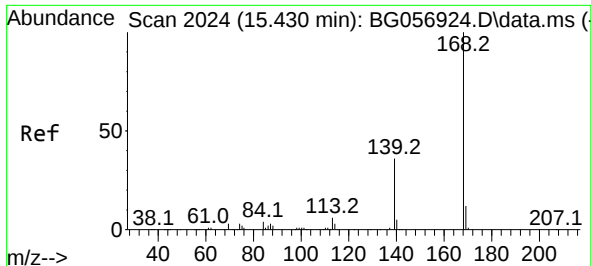
Tgt Ion:138 Resp: 24379
Ion Ratio Lower Upper
138 100
108 11.4 8.2 12.2
92 116.2 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 85.203 ng
RT: 15.127 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:184 Resp: 37778
Ion Ratio Lower Upper
184 100
63 74.0 46.5 69.7#
154 73.0 53.5 80.3

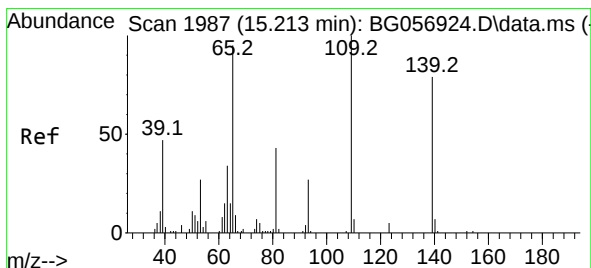
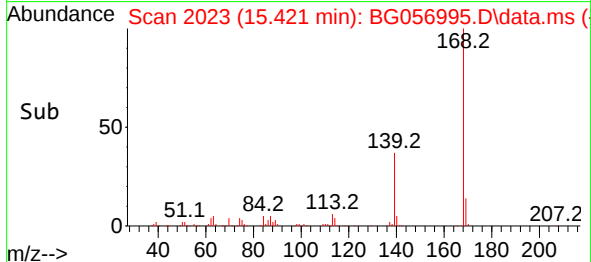
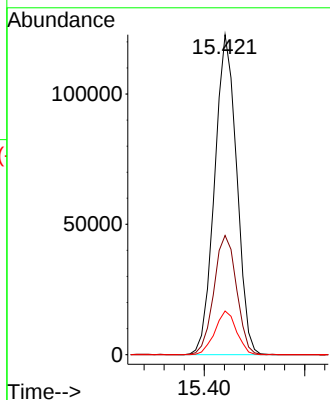
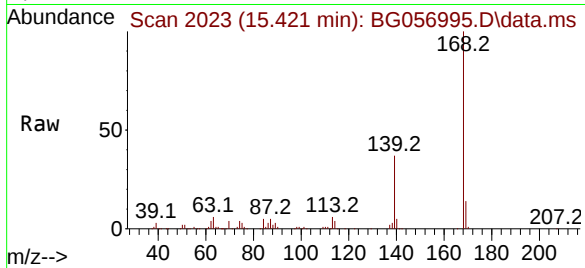




#55
Dibenzenofuran
Concen: 43.965 ng
RT: 15.421 min Scan# 20
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

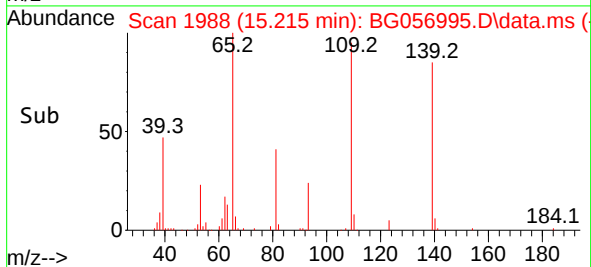
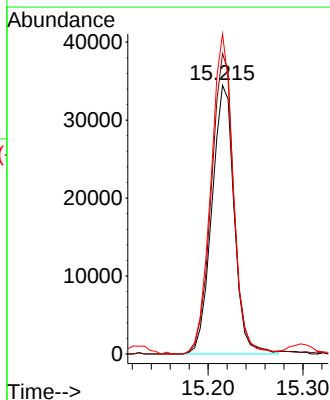
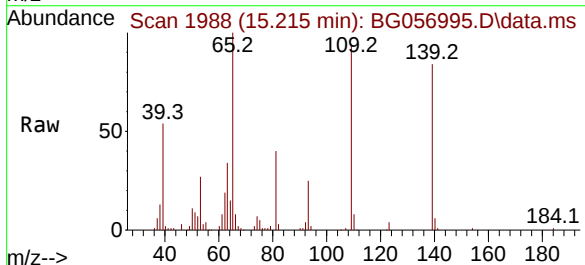
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

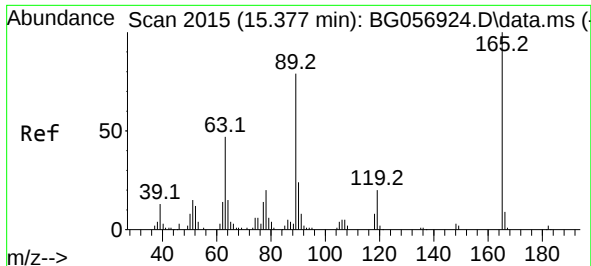
Tgt Ion:168 Resp: 187319
Ion Ratio Lower Upper
168 100
139 37.2 28.9 43.3
169 13.6 9.8 14.6



#56
4-Nitrophenol
Concen: 97.806 ng
RT: 15.215 min Scan# 1988
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:139 Resp: 56392
Ion Ratio Lower Upper
139 100
109 111.8 106.7 146.7
65 119.1 100.5 140.5

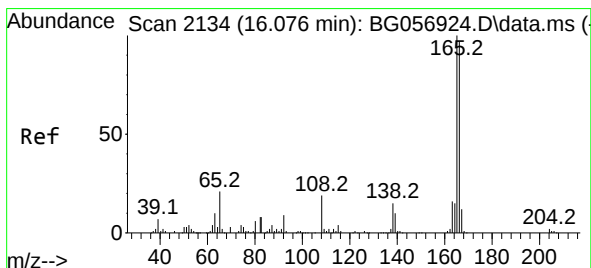
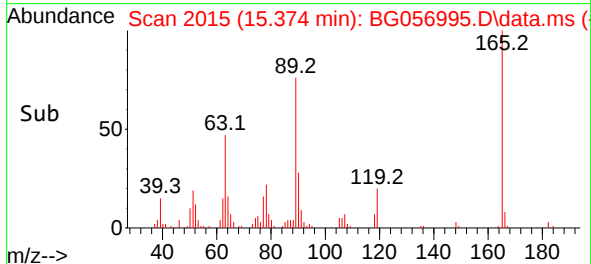
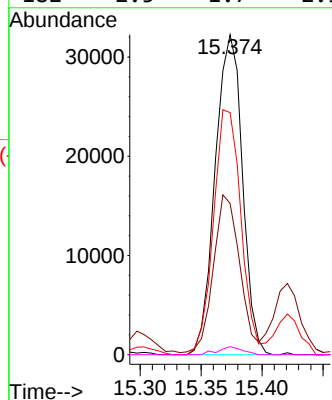
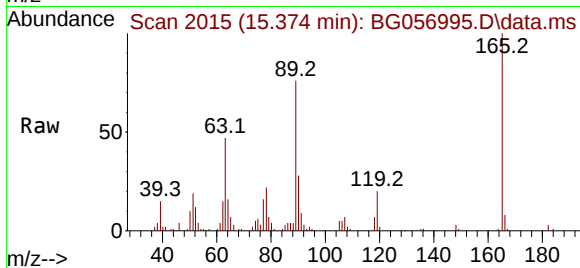




#57
2,4-Dinitrotoluene
Concen: 45.178 ng
RT: 15.374 min Scan# 2015
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

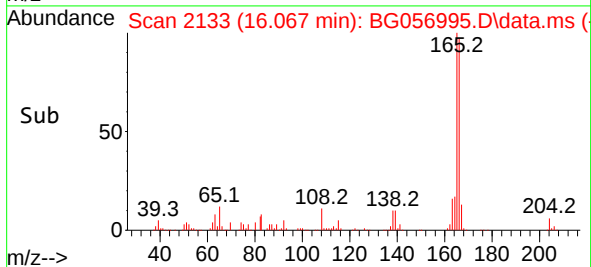
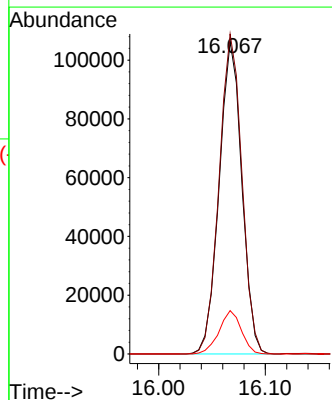
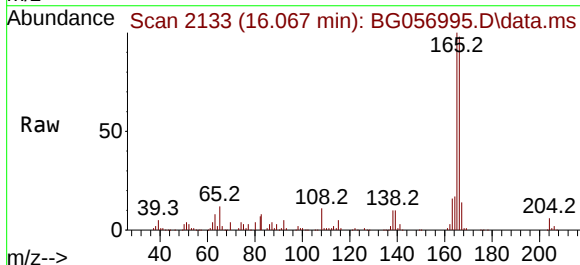
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

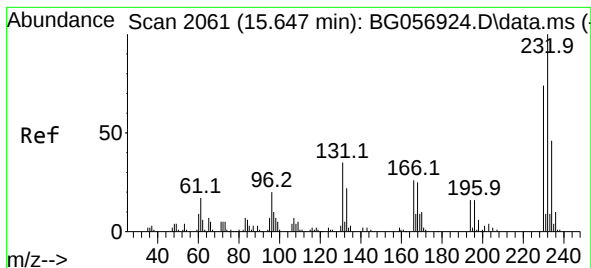
Tgt Ion:165 Resp: 50193
Ion Ratio Lower Upper
165 100
63 47.2 37.7 56.5
89 75.7 63.2 94.8
182 2.5 1.7 2.5



#58
Fluorene
Concen: 44.386 ng
RT: 16.067 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:166 Resp: 156489
Ion Ratio Lower Upper
166 100
165 102.4 82.6 123.8
167 13.9 10.2 15.2

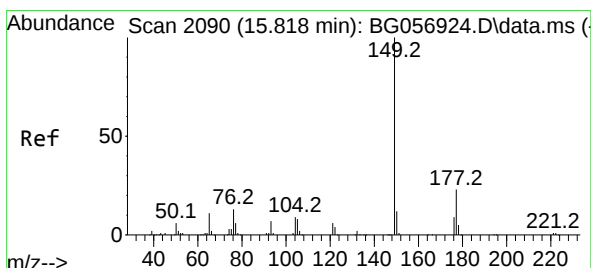
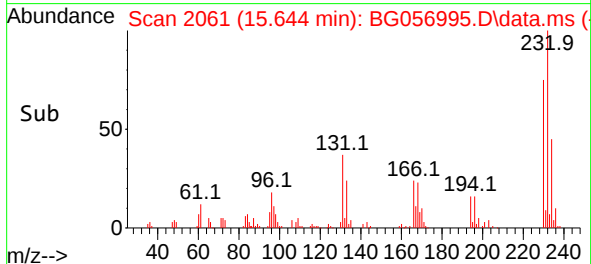
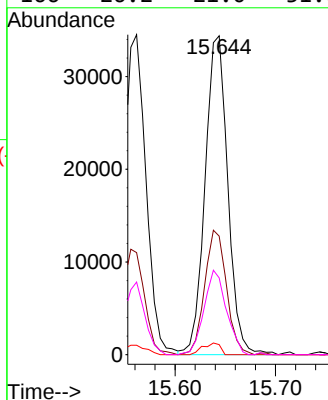
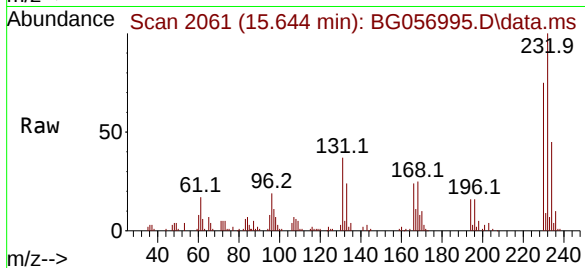




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.106 ng
RT: 15.644 min Scan# 2061
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

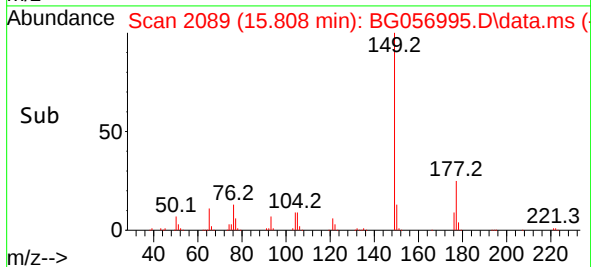
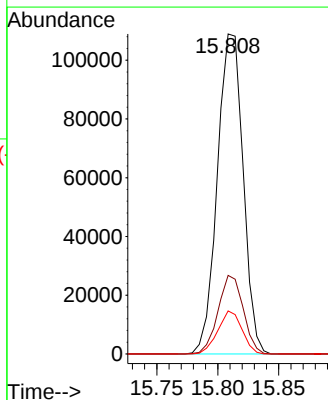
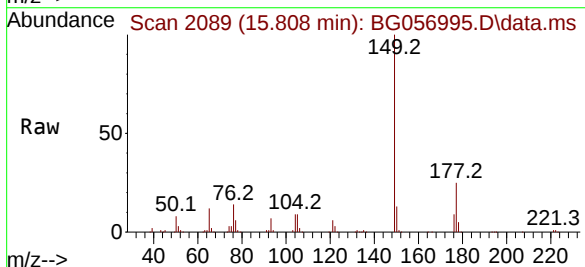
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

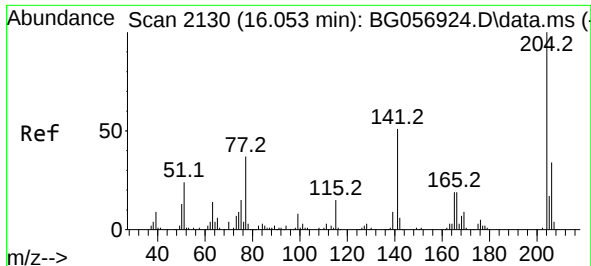
Tgt Ion:232 Resp: 54235
Ion Ratio Lower Upper
232 100
131 37.5 29.3 43.9
130 2.8 1.7 2.5#
166 26.2 21.0 31.6



#60
Diethylphthalate
Concen: 43.916 ng
RT: 15.808 min Scan# 2089
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:149 Resp: 160512
Ion Ratio Lower Upper
149 100
177 24.5 18.8 28.2
150 13.4 9.4 14.2

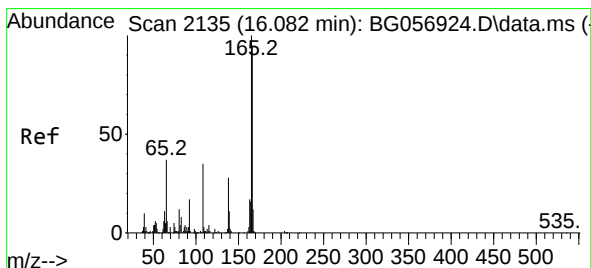
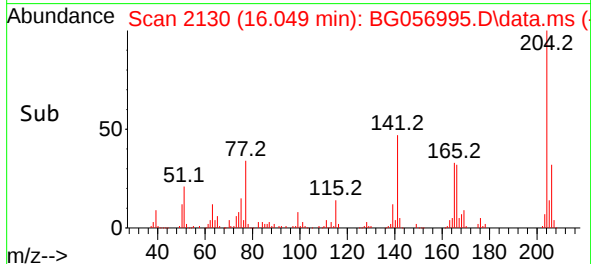
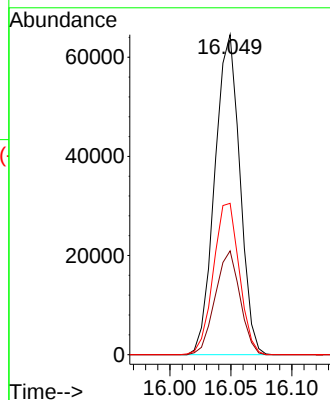
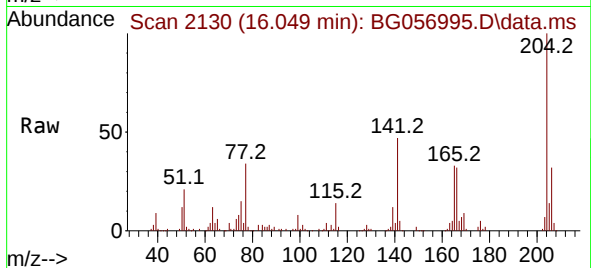




#61
4-Chlorophenyl-phenylether
Concen: 44.660 ng
RT: 16.049 min Scan# 2130
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

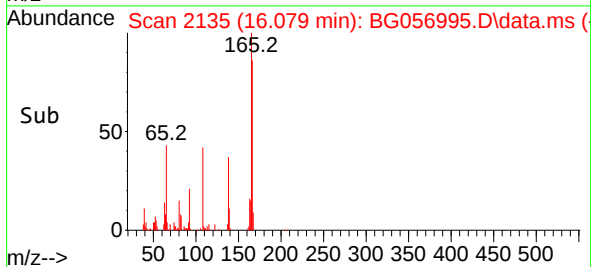
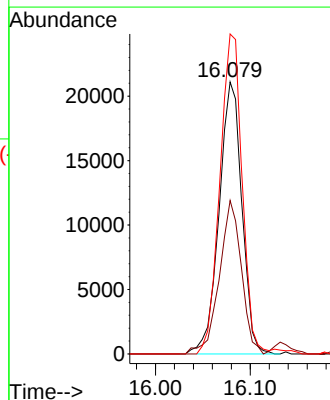
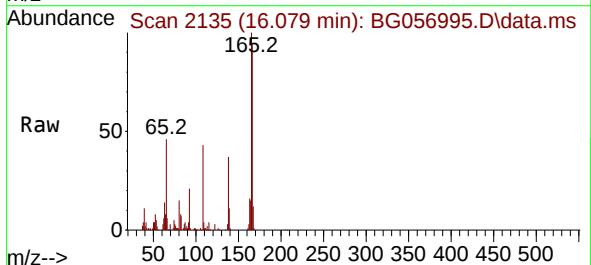
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

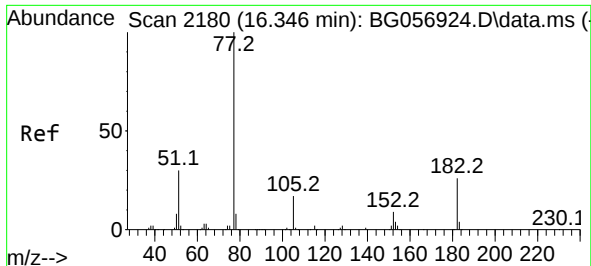
Tgt Ion:204 Resp: 92447
Ion Ratio Lower Upper
204 100
206 32.5 27.2 40.8
141 47.3 40.7 61.1



#62
4-Nitroaniline
Concen: 43.720 ng
RT: 16.079 min Scan# 2135
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:138 Resp: 35319
Ion Ratio Lower Upper
138 100
92 56.4 40.9 80.9
108 117.7 104.3 144.3

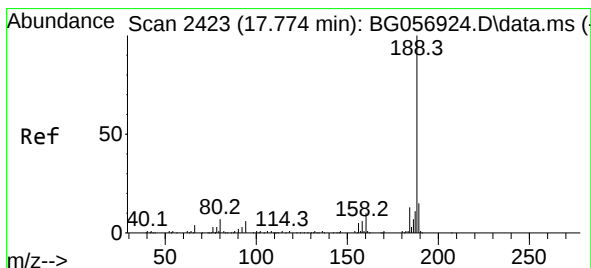
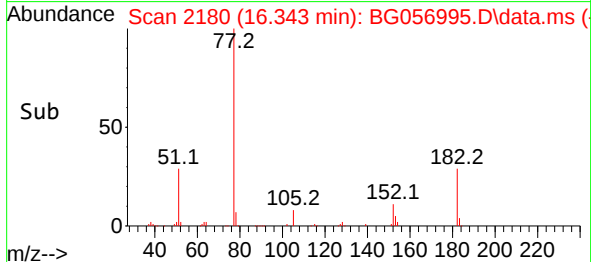
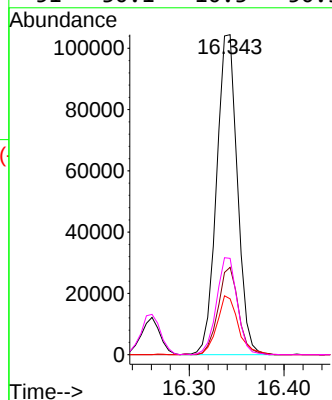
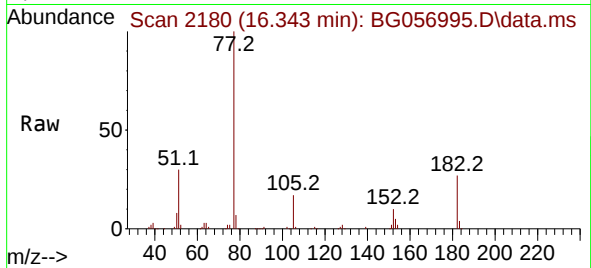




#63
Azobenzene
Concen: 43.750 ng
RT: 16.343 min Scan# 2180
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

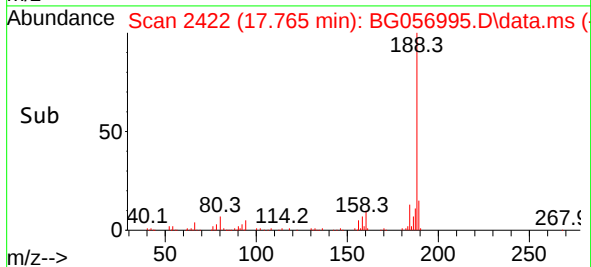
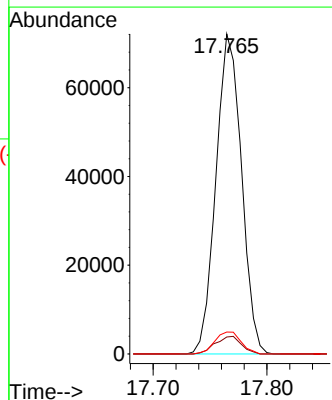
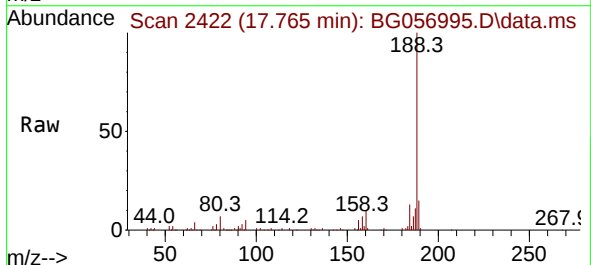
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

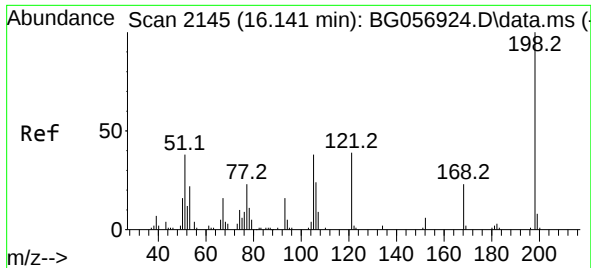
Tgt Ion: 77 Resp: 159361
Ion Ratio Lower Upper
77 100
182 27.3 5.9 45.9
105 17.5 0.0 36.8
51 30.1 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.765 min Scan# 2422
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:188 Resp: 112483
Ion Ratio Lower Upper
188 100
94 5.3 4.6 6.8
80 6.9 5.5 8.3

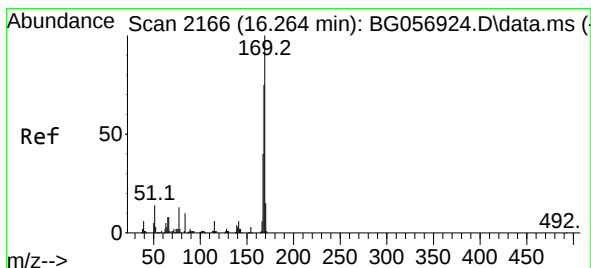
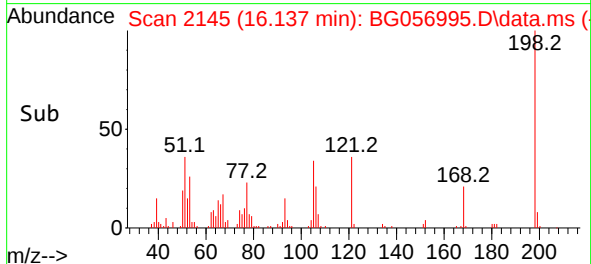
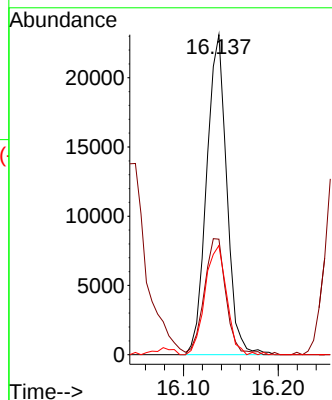
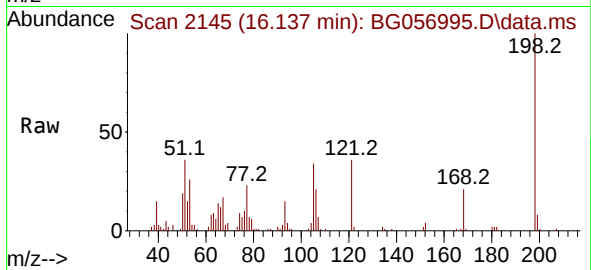




#65
4,6-Dinitro-2-methylphenol
Concen: 50.010 ng
RT: 16.137 min Scan# 2145
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

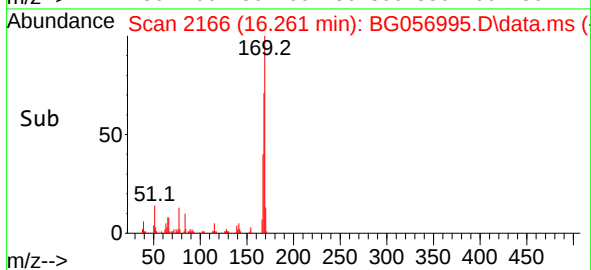
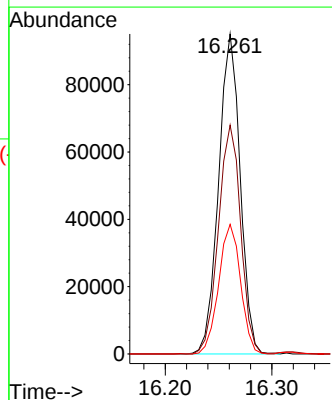
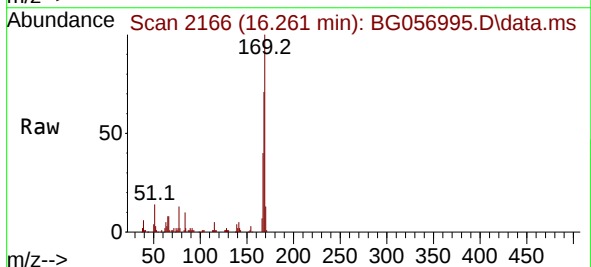
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

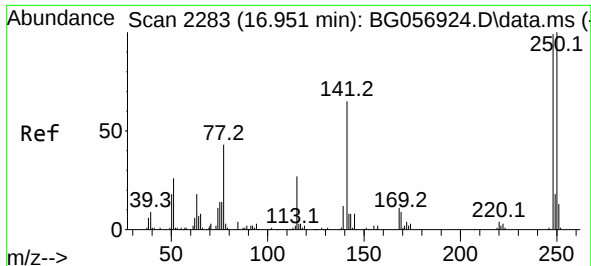
Tgt Ion:198 Resp: 34069
Ion Ratio Lower Upper
198 100
51 36.1 20.5 60.5
105 34.1 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 44.181 ng
RT: 16.261 min Scan# 2166
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:169 Resp: 133407
Ion Ratio Lower Upper
169 100
168 71.5 59.6 89.4
167 40.5 31.8 47.8

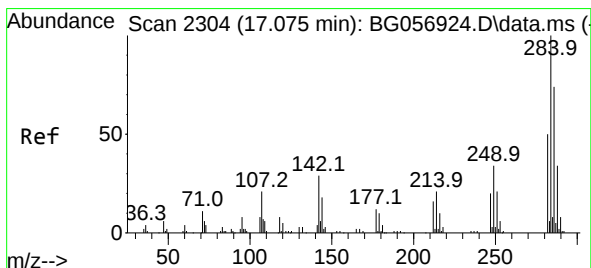
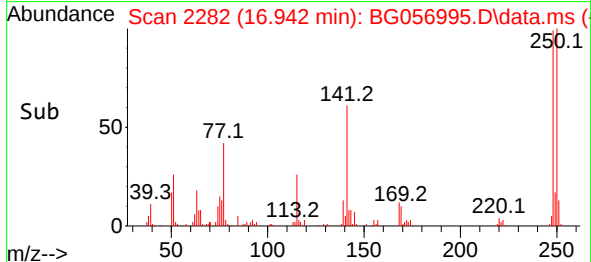
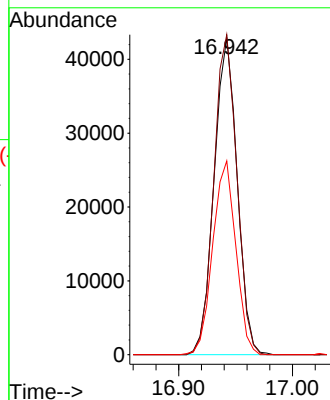
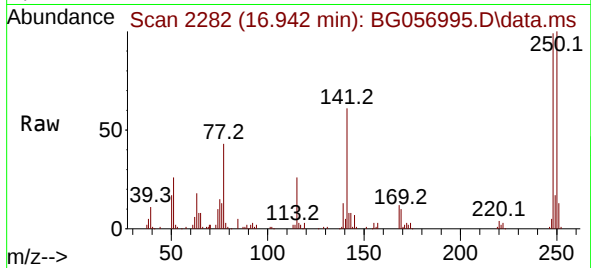




#67
4-Bromophenyl-phenylether
Concen: 43.485 ng
RT: 16.942 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

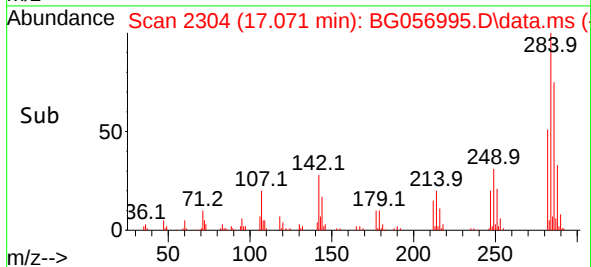
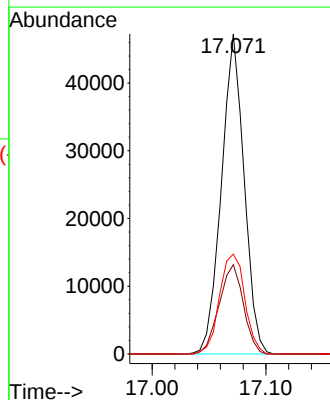
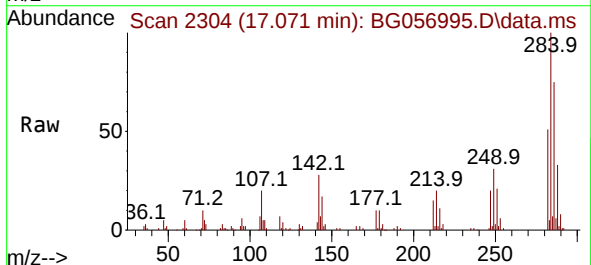
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

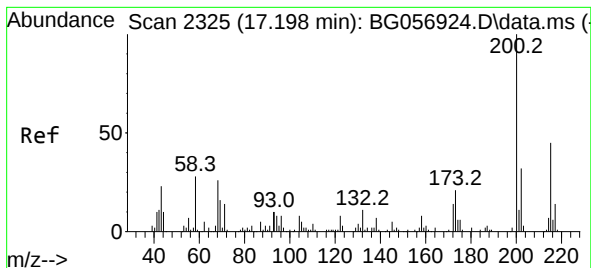
Tgt Ion:248 Resp: 60521
Ion Ratio Lower Upper
248 100
250 100.9 80.5 120.7
141 61.1 52.0 78.0



#68
Hexachlorobenzene
Concen: 47.515 ng
RT: 17.071 min Scan# 2304
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:284 Resp: 65380
Ion Ratio Lower Upper
284 100
142 27.9 23.0 34.4
249 31.2 27.1 40.7





#69

Atrazine

Concen: 46.486 ng

RT: 17.195 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MSD

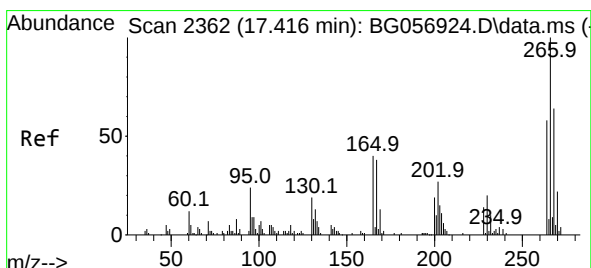
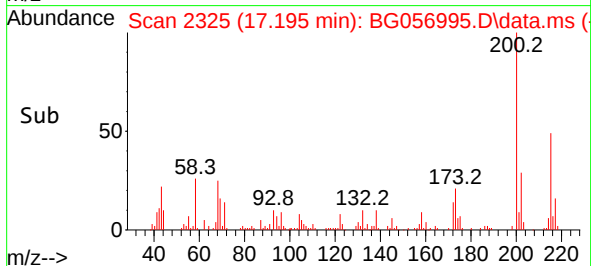
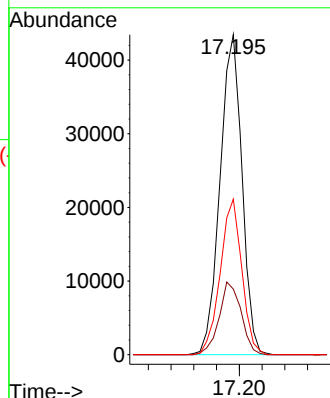
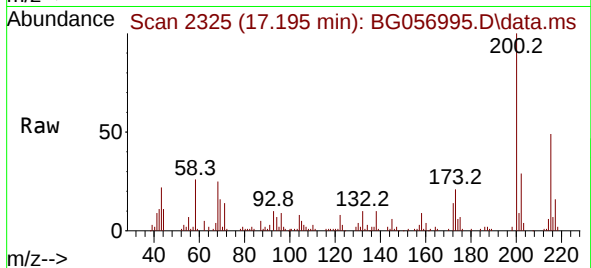
Tgt Ion:200 Resp: 58266

Ion Ratio Lower Upper

200 100

173 20.5 1.0 41.0

215 48.6 25.0 65.0



#70

Pentachlorophenol

Concen: 75.126 ng

RT: 17.412 min Scan# 2362

Delta R.T. -0.001 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

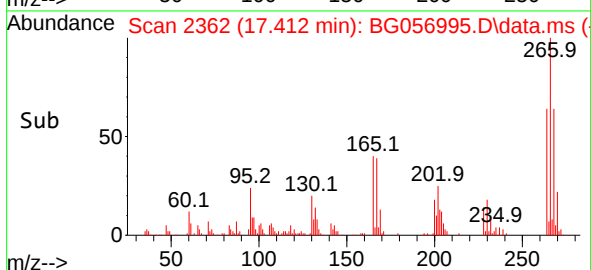
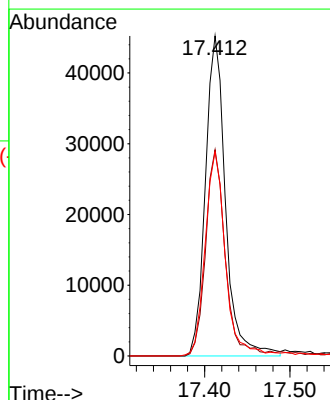
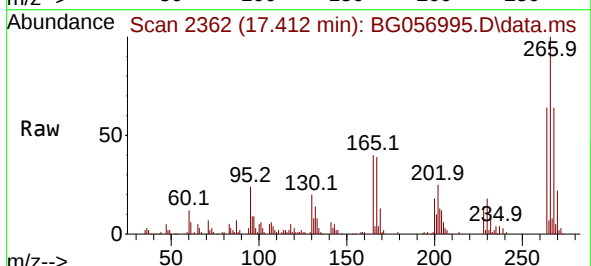
Tgt Ion:266 Resp: 74161

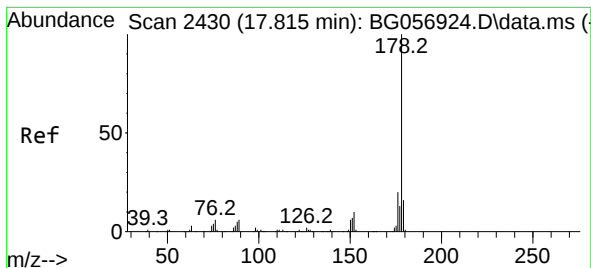
Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.6

264 63.8 46.8 70.2





#71

Phenanthrene

Concen: 43.897 ng

RT: 17.812 min Scan# 2430

Delta R.T. -0.001 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MSD

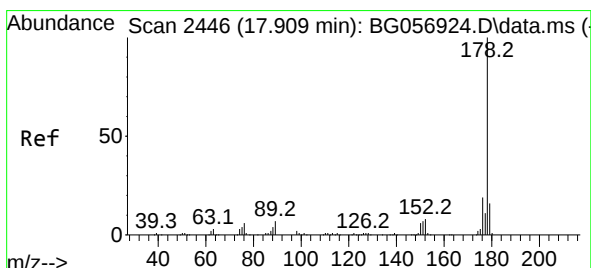
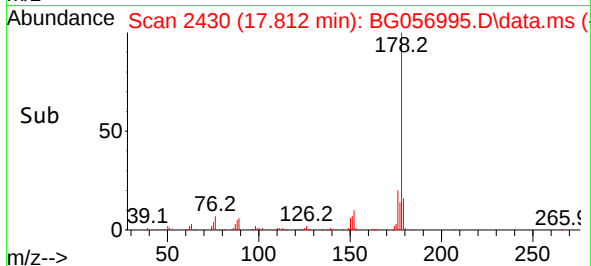
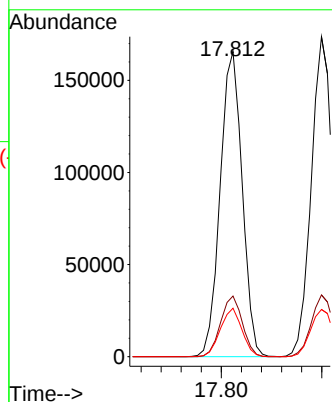
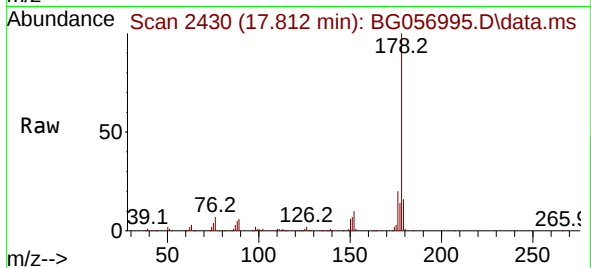
Tgt Ion:178 Resp: 251744

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

179 15.9 12.5 18.7



#72

Anthracene

Concen: 43.471 ng

RT: 17.900 min Scan# 2445

Delta R.T. -0.001 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

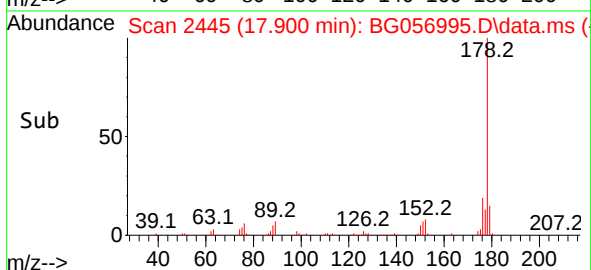
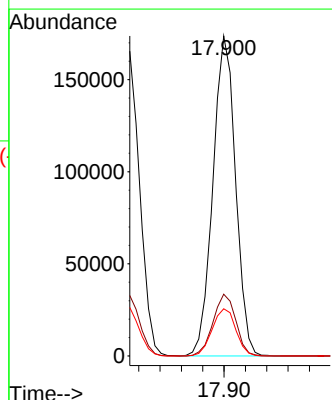
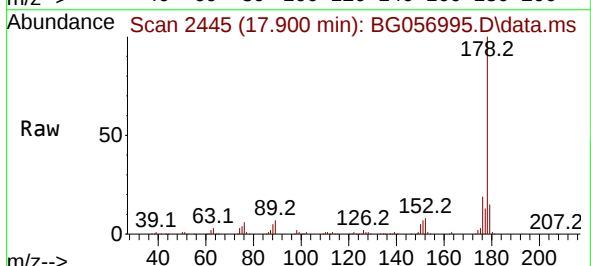
Tgt Ion:178 Resp: 255565

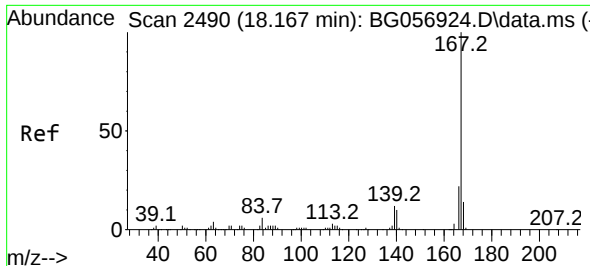
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 14.7 12.4 18.6



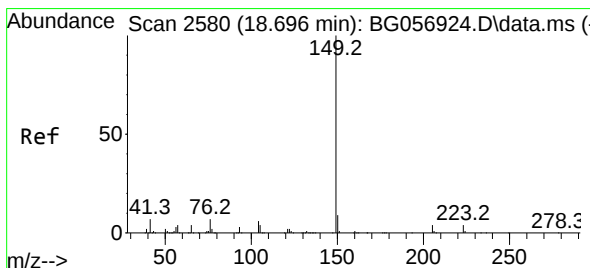
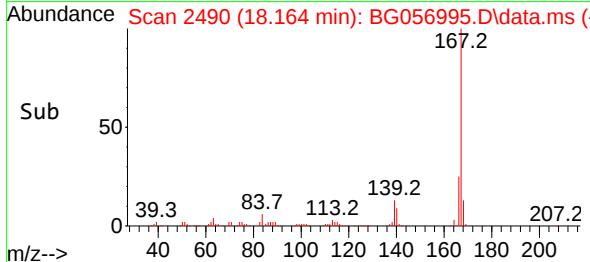
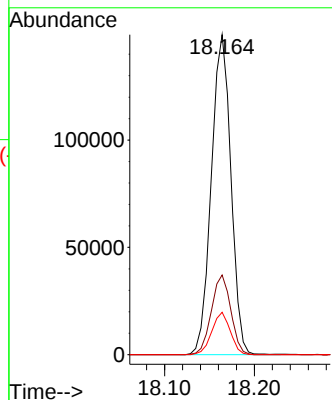
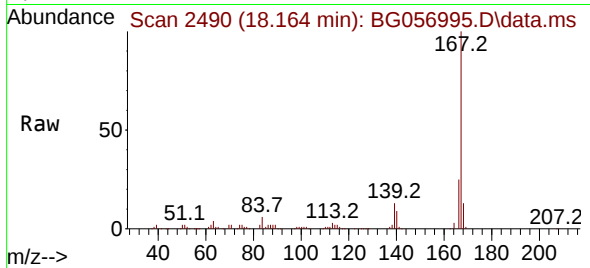


#73
 Carbazole
 Concen: 44.027 ng
 RT: 18.164 min Scan# 2490
 Delta R.T. -0.001 min
 Lab File: BG056995.D
 Acq: 5 Apr 2023 17:58

Instrument :
 BNA_G
 ClientSampleId :
 B-30-SB02MSD

Tgt Ion:167 Resp: 225671

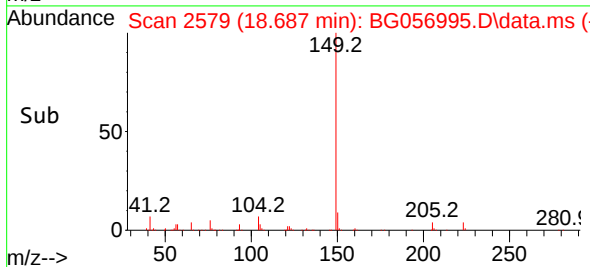
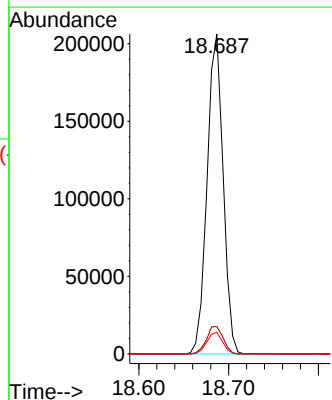
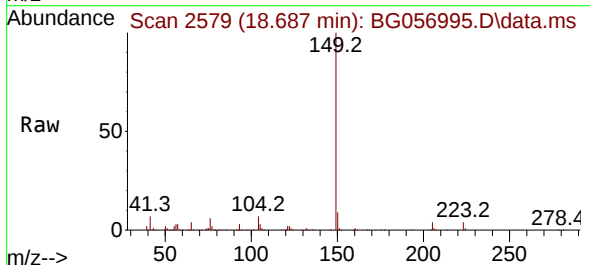
Ion	Ratio	Lower	Upper
167	100		
166	24.9	17.9	26.9
139	13.3	9.5	14.3

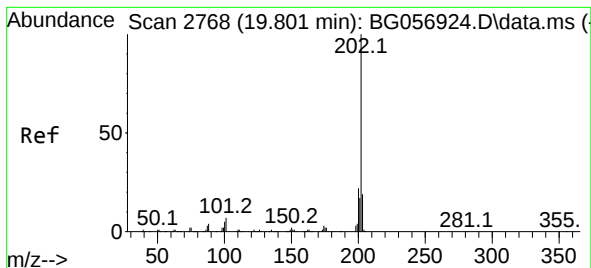


#74
 Di-n-butylphthalate
 Concen: 43.074 ng
 RT: 18.687 min Scan# 2579
 Delta R.T. -0.001 min
 Lab File: BG056995.D
 Acq: 5 Apr 2023 17:58

Tgt Ion:149 Resp: 255669

Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.4	11.0
104	6.8	4.9	7.3





#75

Fluoranthene

Concen: 39.310 ng

RT: 19.797 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MSD

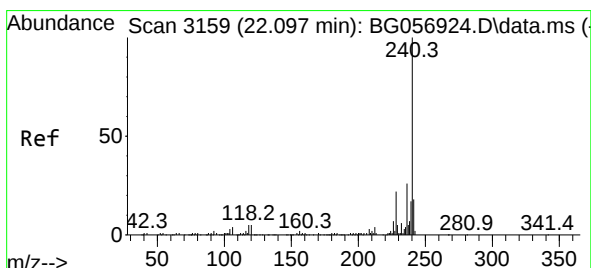
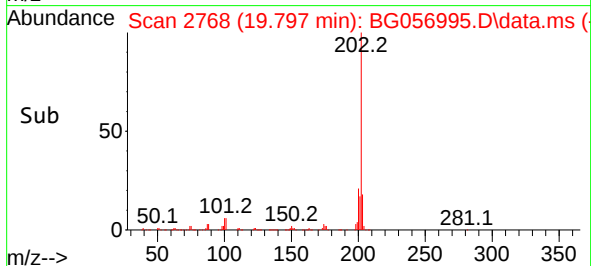
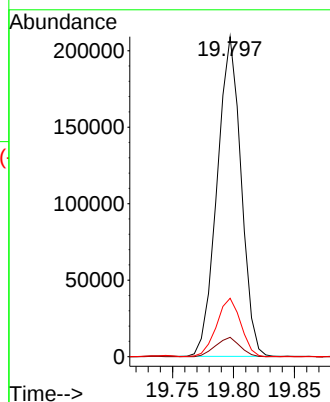
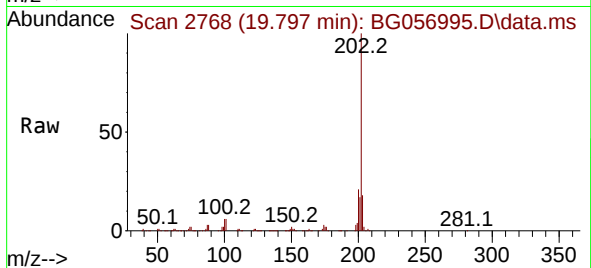
Tgt Ion:202 Resp: 285782

Ion Ratio Lower Upper

202 100

101 6.0 0.0 26.7

203 18.3 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.088 min Scan# 3158

Delta R.T. -0.007 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

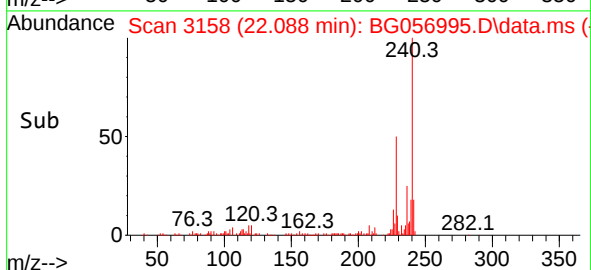
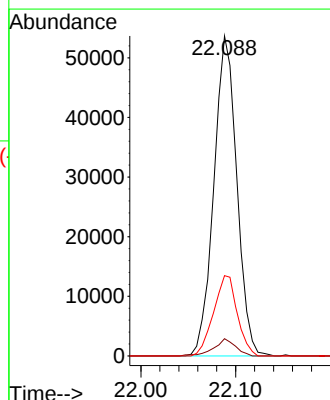
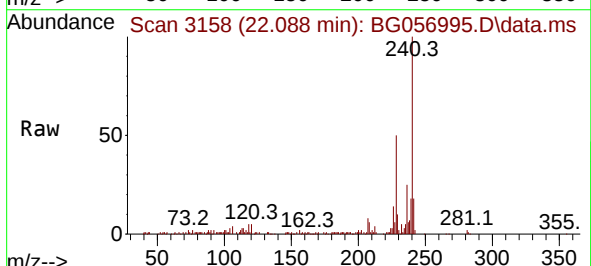
Tgt Ion:240 Resp: 90312

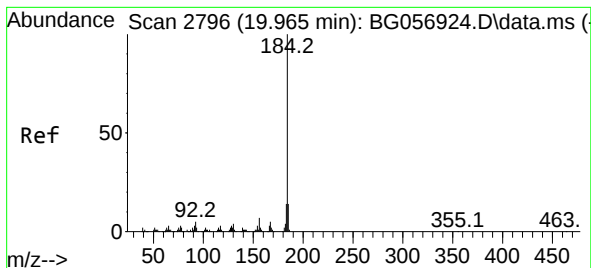
Ion Ratio Lower Upper

240 100

120 5.4 3.8 5.6

236 25.1 21.0 31.6





#77

Benzidine

Concen: 43.173 ng

RT: 19.962 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MSD

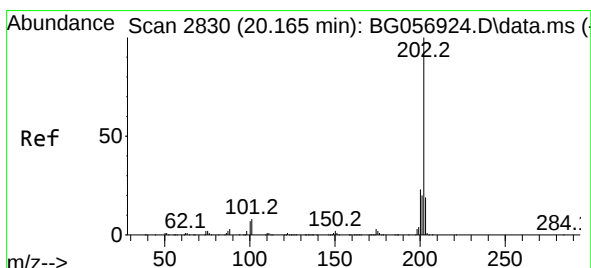
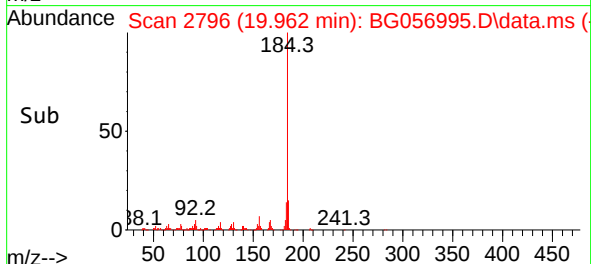
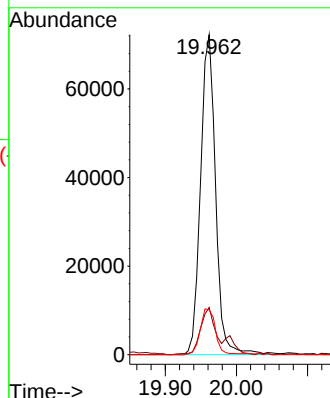
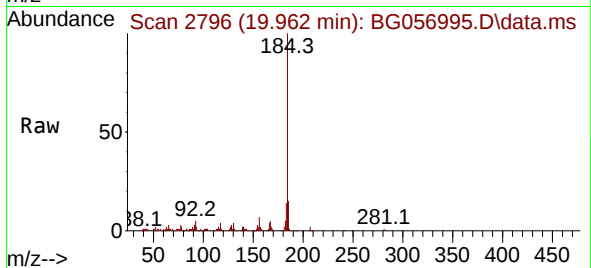
Tgt Ion:184 Resp: 106573

Ion Ratio Lower Upper

184 100

185 14.7 11.0 16.4

183 14.0 11.4 17.0



#78

Pyrene

Concen: 44.994 ng

RT: 20.155 min Scan# 2829

Delta R.T. -0.001 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

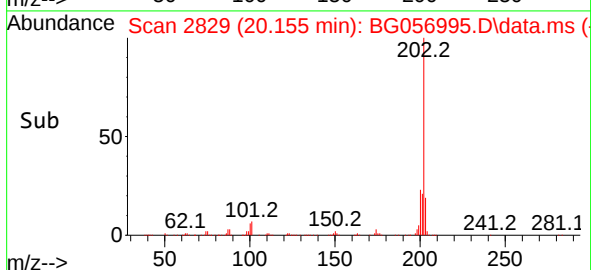
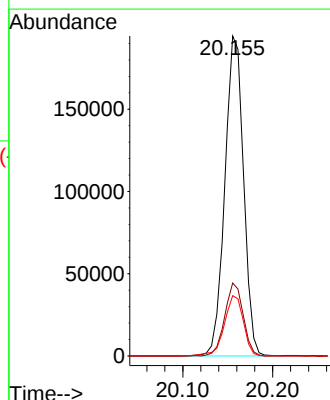
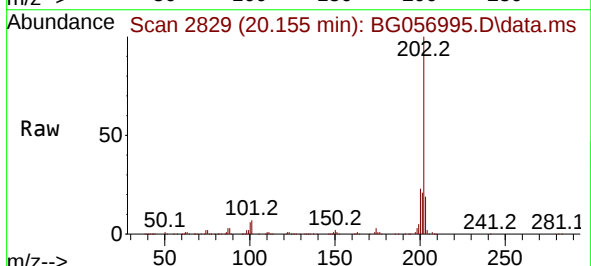
Tgt Ion:202 Resp: 281054

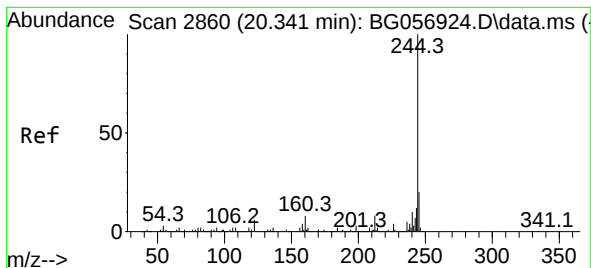
Ion Ratio Lower Upper

202 100

200 22.8 18.7 28.1

203 18.9 15.4 23.2





#79

Terphenyl-d14

Concen: 71.581 ng

RT: 20.332 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MSD

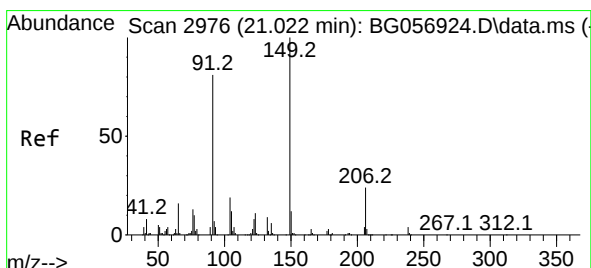
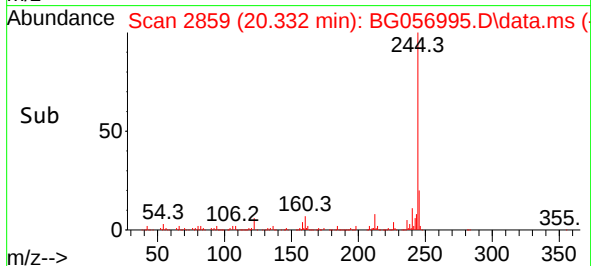
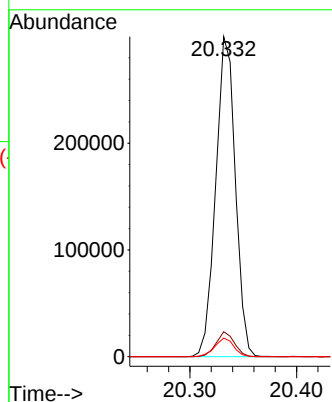
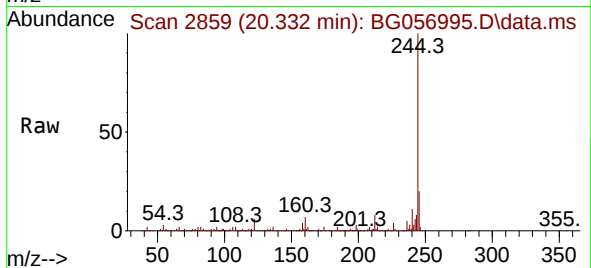
Tgt Ion:244 Resp: 382033

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 5.8 5.0 7.4



#80

Butylbenzylphthalate

Concen: 46.608 ng

RT: 21.013 min Scan# 2975

Delta R.T. -0.001 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

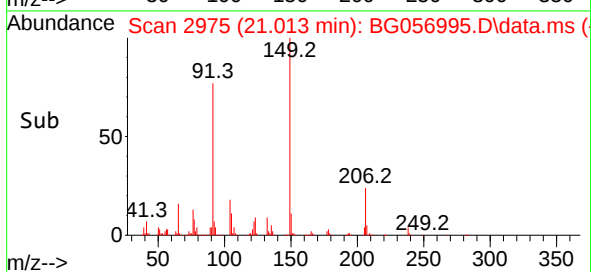
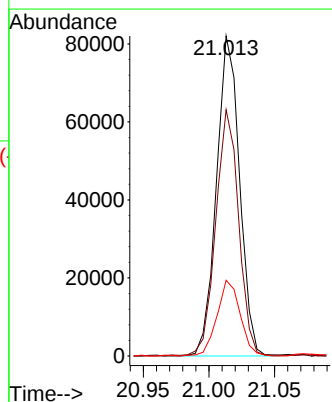
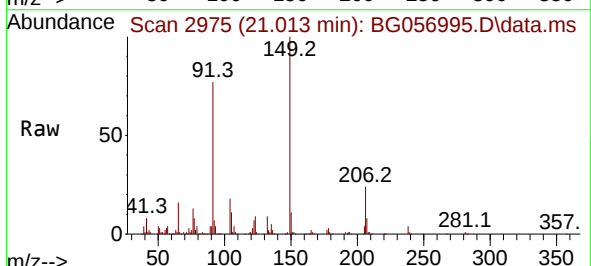
Tgt Ion:149 Resp: 100184

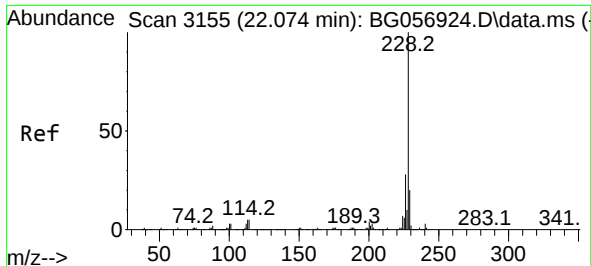
Ion Ratio Lower Upper

149 100

91 77.0 64.4 96.6

206 23.7 18.9 28.3

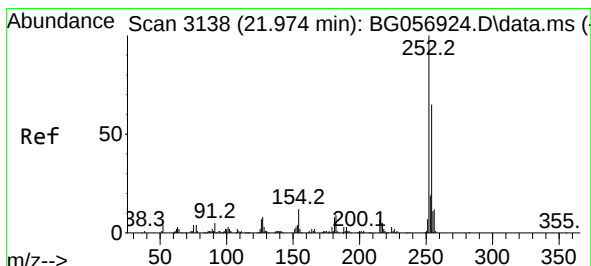
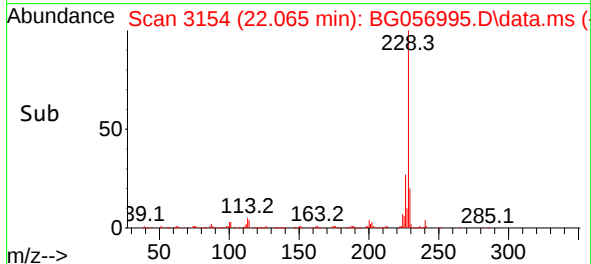
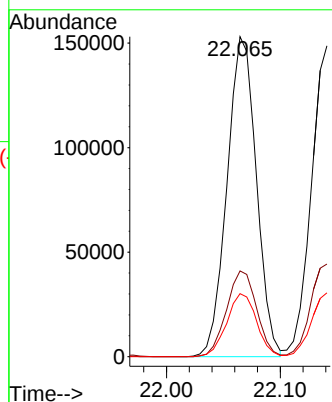
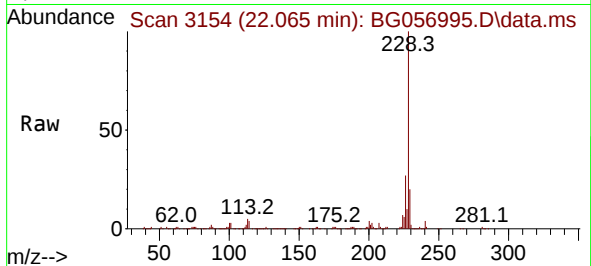




#81
Benzo(a)anthracene
Concen: 43.888 ng
RT: 22.065 min Scan# 3155
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

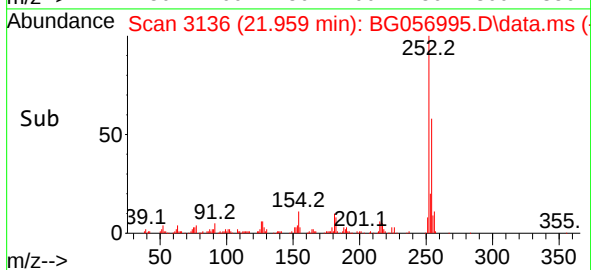
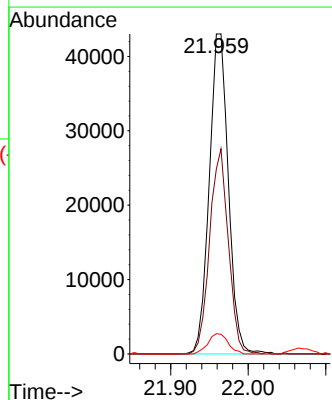
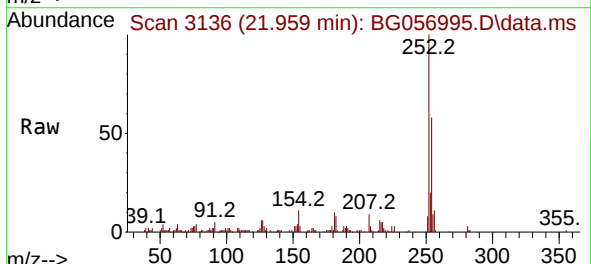
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

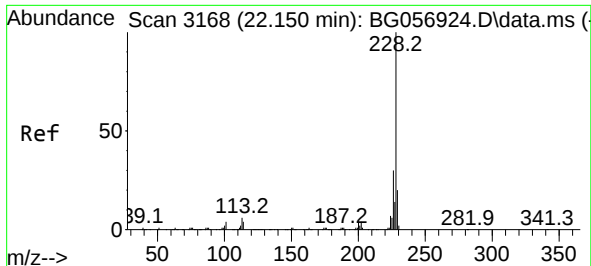
Tgt Ion:228 Resp: 274280
Ion Ratio Lower Upper
228 100
226 26.8 22.1 33.1
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 34.908 ng
RT: 21.959 min Scan# 3136
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:252 Resp: 73668
Ion Ratio Lower Upper
252 100
254 57.8 51.7 77.5
126 6.4 5.6 8.4

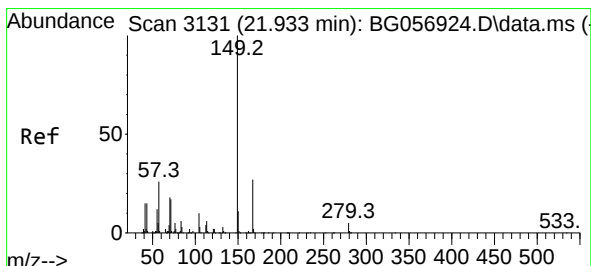
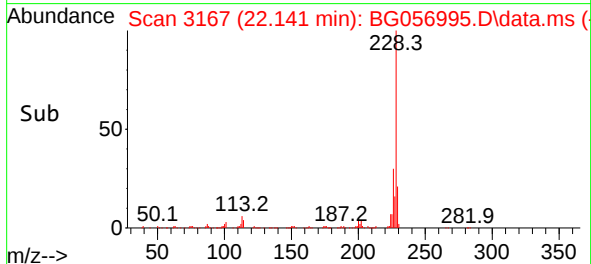
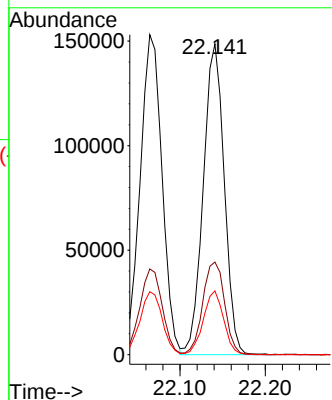
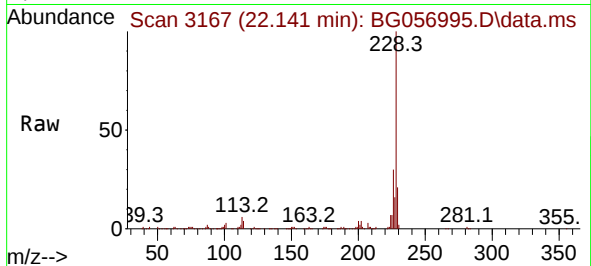




#83
Chrysene
Concen: 43.434 ng
RT: 22.141 min Scan# 3168
Delta R.T. -0.001 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

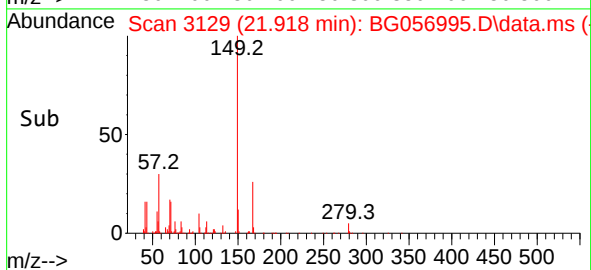
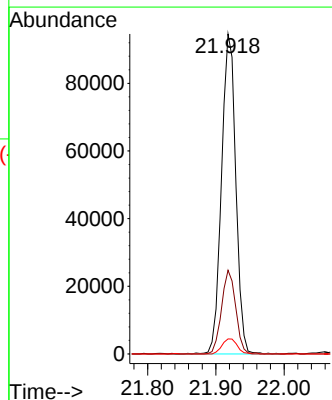
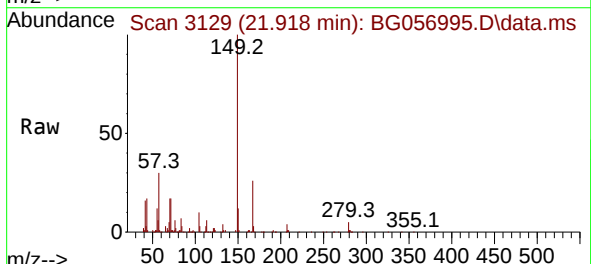
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

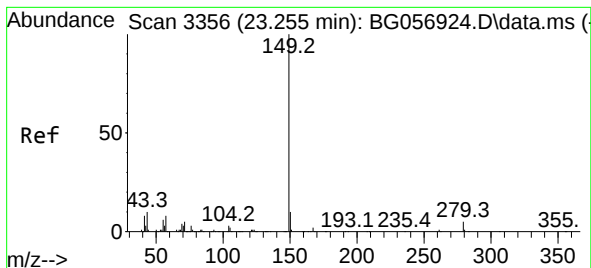
Tgt Ion:228 Resp: 254158
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 20.5 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.237 ng
RT: 21.918 min Scan# 3129
Delta R.T. -0.007 min
Lab File: BG056995.D
Acq: 5 Apr 2023 17:58

Tgt Ion:149 Resp: 137692
Ion Ratio Lower Upper
149 100
167 26.2 21.4 32.2
279 4.7 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 44.234 ng

RT: 23.234 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MSD

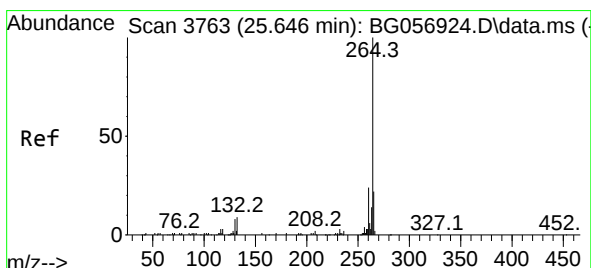
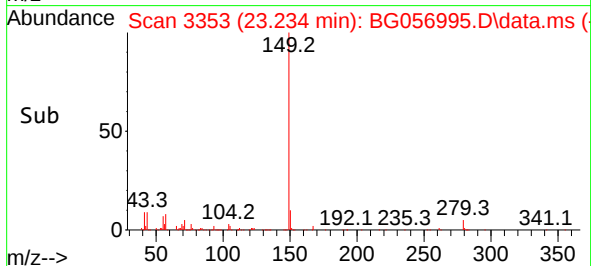
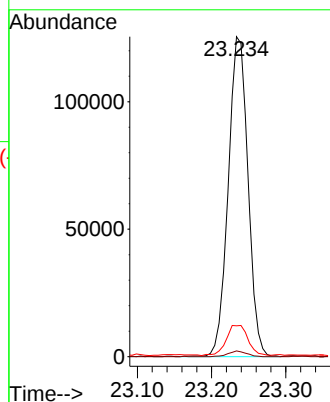
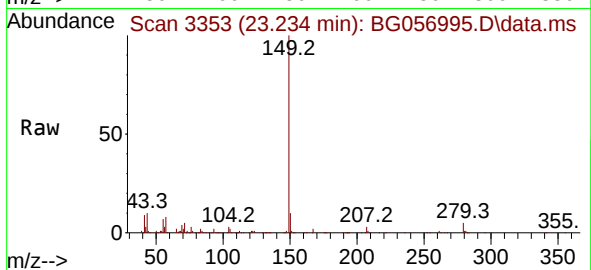
Tgt Ion:149 Resp: 232014

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.3 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.630 min Scan# 3761

Delta R.T. -0.001 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

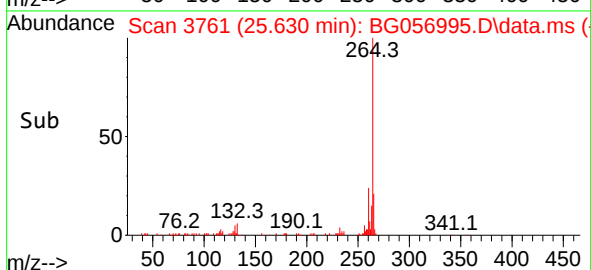
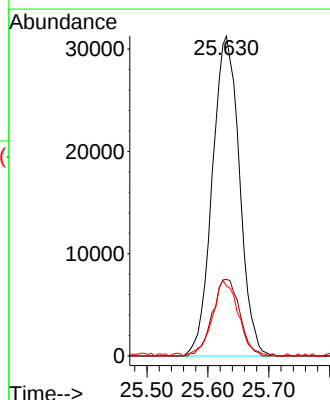
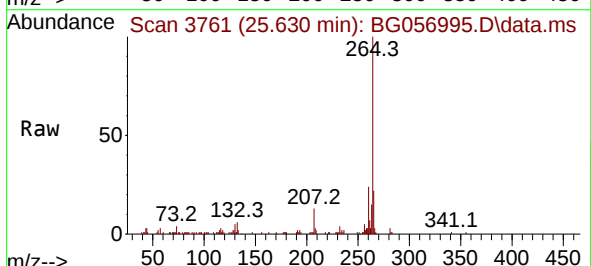
Tgt Ion:264 Resp: 96697

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.537 ng

RT: 29.737 min Scan# 4460

Delta R.T. -0.001 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MSD

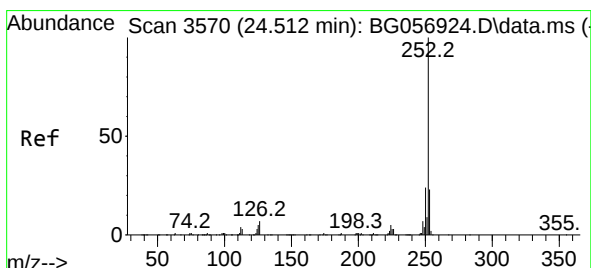
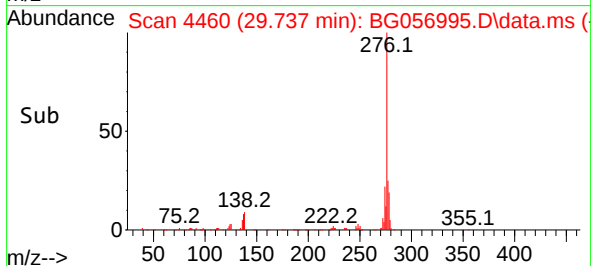
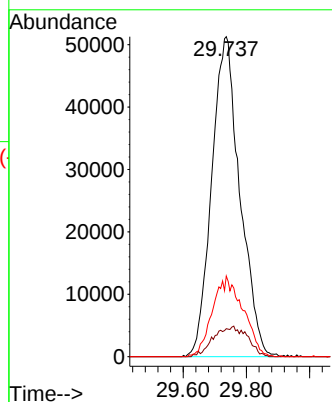
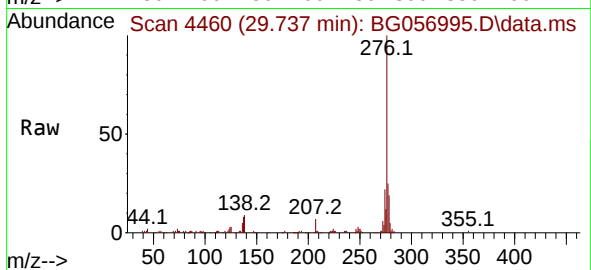
Tgt Ion:276 Resp: 318277

Ion Ratio Lower Upper

276 100

138 0.0 7.7 11.5#

277 27.2 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 45.965 ng

RT: 24.497 min Scan# 3568

Delta R.T. -0.007 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

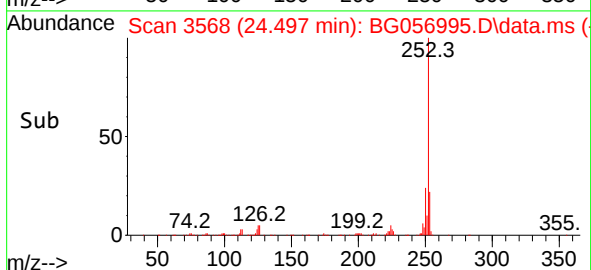
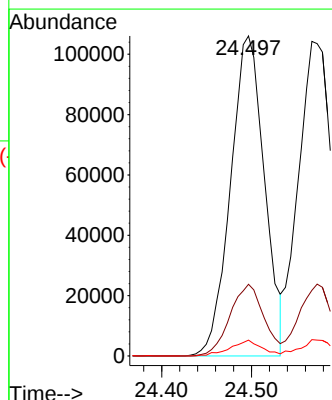
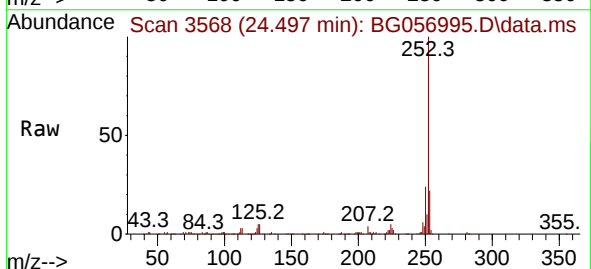
Tgt Ion:252 Resp: 277937

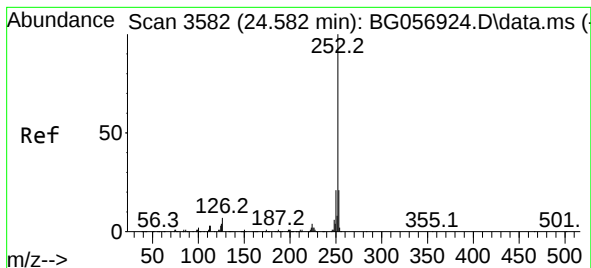
Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 4.9 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 45.465 ng

RT: 24.567 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MSD

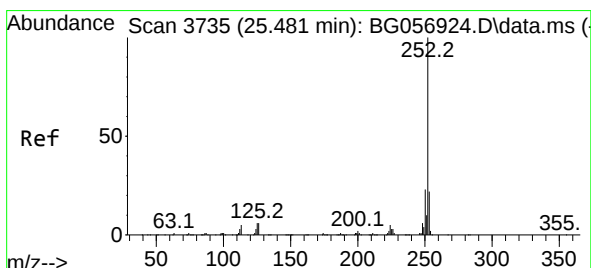
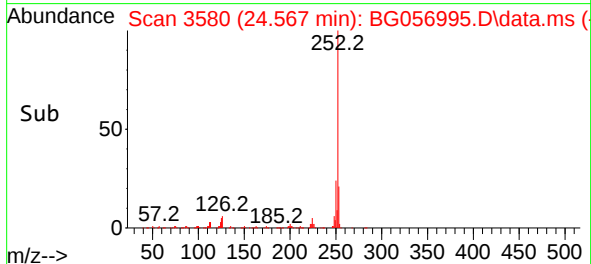
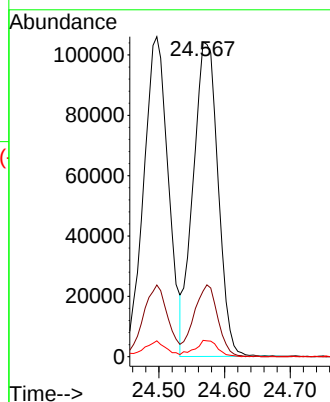
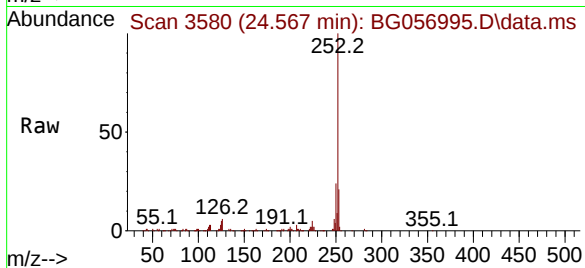
Tgt Ion:252 Resp: 274457

Ion Ratio Lower Upper

252 100

253 20.9 17.1 25.7

125 5.2 3.8 5.6



#90

Benzo(a)pyrene

Concen: 41.064 ng

RT: 25.466 min Scan# 3733

Delta R.T. -0.001 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

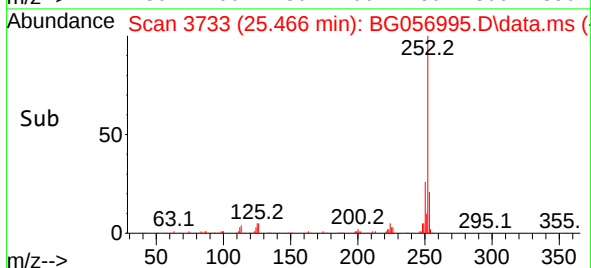
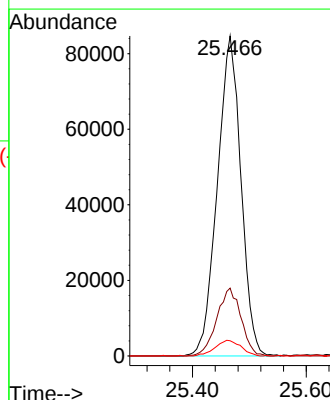
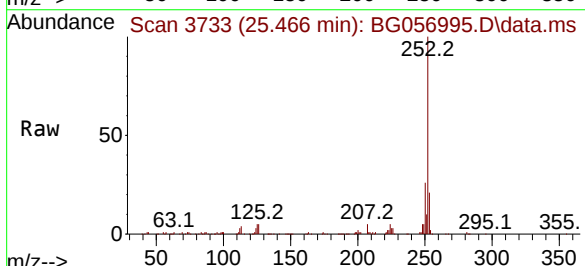
Tgt Ion:252 Resp: 244001

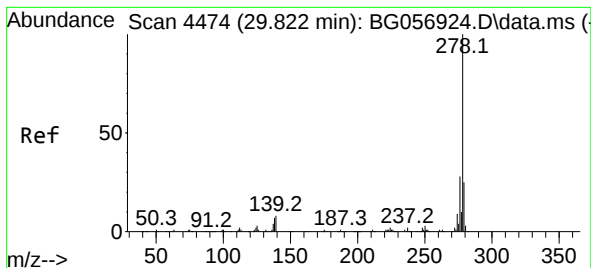
Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

125 4.7 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 46.253 ng

RT: 29.801 min Scan# 4471

Delta R.T. -0.007 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MSD

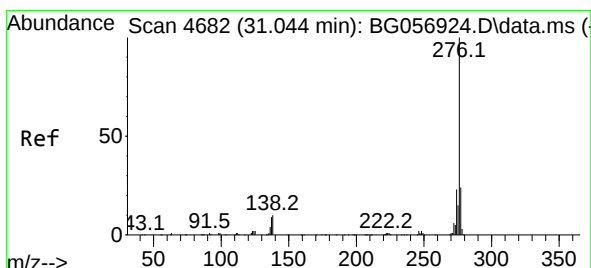
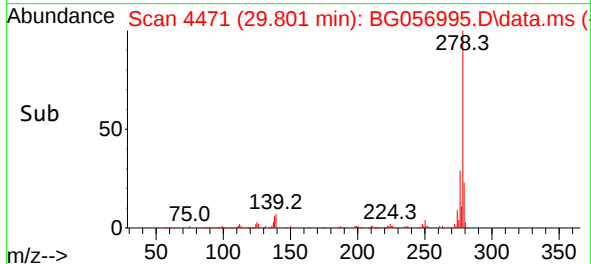
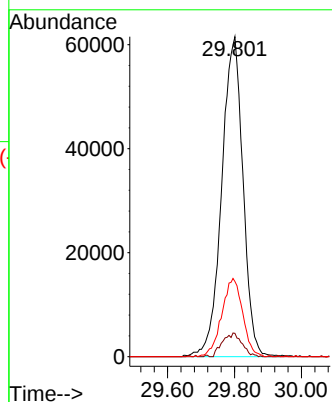
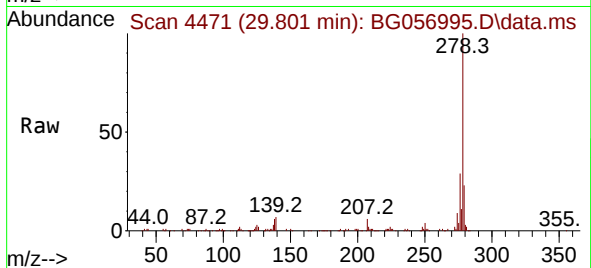
Tgt Ion:278 Resp: 271700

Ion Ratio Lower Upper

278 100

139 7.3 6.4 9.6

279 23.5 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 44.161 ng

RT: 31.017 min Scan# 4678

Delta R.T. -0.013 min

Lab File: BG056995.D

Acq: 5 Apr 2023 17:58

Tgt Ion:276 Resp: 254014

Ion Ratio Lower Upper

276 100

277 24.8 19.1 28.7

138 10.4 8.2 12.2

