

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
 Data File : BG056310.D
 Acq On : 17 Jan 2023 11:31
 Operator : CG/JU
 Sample : PB150221BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150221BS

Quant Time: Jan 18 02:44:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	38506	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	153644	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	127997	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	313395	20.000	ng	0.00
76) Chrysene-d12	21.960	240	302959	20.000	ng	# 0.00
86) Perylene-d12	25.403	264	330059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	376767	174.704	ng	0.01
7) Phenol-d6	7.453	99	525919	158.796	ng	0.00
23) Nitrobenzene-d5	9.492	82	282674	94.109	ng	0.00
42) 2,4,6-Tribromophenol	16.407	330	240431	148.317	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	912020	98.393	ng	0.00
79) Terphenyl-d14	20.238	244	1745877	103.214	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.646	88	37799	38.373	ng	94
3) Pyridine	4.063	79	107931	35.975	ng	96
4) n-Nitrosodimethylamine	3.975	42	27262	44.670	ng	# 88
6) Aniline	7.630	93	163728	37.697	ng	97
8) 2-Chlorophenol	7.876	128	122607	57.132	ng	95
9) Benzaldehyde	7.442	77	62925	31.954	ng	93
10) Phenol	7.483	94	181030	53.898	ng	98
11) bis(2-Chloroethyl)ether	7.718	93	111544	49.006	ng	97
12) 1,3-Dichlorobenzene	8.205	146	139925	53.573	ng	95
13) 1,4-Dichlorobenzene	8.352	146	143801	54.827	ng	97
14) 1,2-Dichlorobenzene	8.675	146	139474	55.112	ng	98
15) Benzyl Alcohol	8.546	79	118644	49.222	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.840	45	23283	57.886	ng	82
17) 2-Methylphenol	8.746	107	125251	50.821	ng	98
18) Hexachloroethane	9.416	117	45574	57.198	ng	90
19) n-Nitroso-di-n-propyla...	9.116	70	90725	45.049	ng	# 97
20) 3+4-Methylphenols	9.075	107	168022	48.491	ng	99
22) Acetophenone	9.140	105	200554	46.165	ng	# 98
24) Nitrobenzene	9.533	77	137296	46.124	ng	99
25) Isophorone	10.050	82	269067	42.575	ng	97
26) 2-Nitrophenol	10.250	139	75874	49.818	ng	98
27) 2,4-Dimethylphenol	10.291	122	137577	49.526	ng	96
28) bis(2-Chloroethoxy)met...	10.526	93	155808	47.435	ng	98
29) 2,4-Dichlorophenol	10.785	162	160436	52.241	ng	98
30) 1,2,4-Trichlorobenzene	11.002	180	174373	50.034	ng	98
31) Naphthalene	11.202	128	394513	48.789	ng	99
32) Benzoic acid	10.420	122	90418	43.869	ng	90
33) 4-Chloroaniline	11.296	127	98040	25.395	ng	97
34) Hexachlorobutadiene	11.472	225	127974	51.056	ng	97
35) Caprolactam	12.060	113	29242	28.124	ng	98
36) 4-Chloro-3-methylphenol	12.389	107	149292	47.907	ng	97
37) 2-Methylnaphthalene	12.782	142	310477	45.474	ng	98
38) 1-Methylnaphthalene	12.994	142	292112	46.073	ng	97
40) 1,2,4,5-Tetrachloroben...	13.141	216	238727	49.763	ng	99
41) Hexachlorocyclopentadiene	13.117	237	326591	119.409	ng	95
43) 2,4,6-Trichlorophenol	13.370	196	159205	50.188	ng	96

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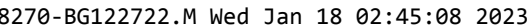
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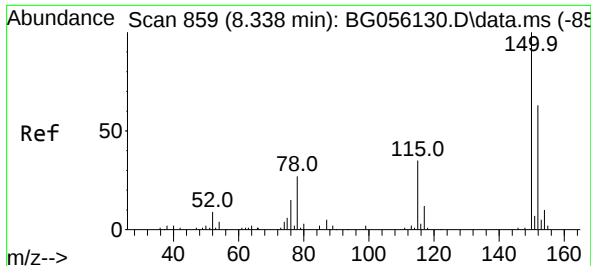
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	173760	46.305	ng	98
46) 1,1'-Biphenyl	13.764	154	463138	50.524	ng	99
47) 2-Chloronaphthalene	13.816	162	366454	50.647	ng	100
48) 2-Nitroaniline	14.010	65	75890	49.228	ng	97
49) Acenaphthylene	14.657	152	567285	48.179	ng	99
50) Dimethylphthalate	14.369	163	476222	46.089	ng	99
51) 2,6-Dinitrotoluene	14.492	165	105780	48.045	ng	97
52) Acenaphthene	14.992	154	345270	45.086	ng	97
53) 3-Nitroaniline	14.821	138	66916	31.935	ng	100
54) 2,4-Dinitrophenol	15.027	184	154648	98.322	ng	# 93
55) Dibenzofuran	15.321	168	594012	46.874	ng	98
56) 4-Nitrophenol	15.115	139	155884	96.730	ng	91
57) 2,4-Dinitrotoluene	15.274	165	147708	47.971	ng	92
58) Fluorene	15.967	166	476918	46.790	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.538	232	172857	49.060	ng	97
60) Diethylphthalate	15.714	149	444922	45.915	ng	99
61) 4-Chlorophenyl-phenyle...	15.949	204	299800	47.132	ng	99
62) 4-Nitroaniline	15.984	138	96424	44.924	ng	94
63) Azobenzene	16.243	77	338881	45.319	ng	98
65) 4,6-Dinitro-2-methylph...	16.037	198	103783	49.152	ng	94
66) n-Nitrosodiphenylamine	16.161	169	435937	50.135	ng	99
67) 4-Bromophenyl-phenylether	16.842	248	200248	50.178	ng	99
68) Hexachlorobenzene	16.972	284	199985	53.712	ng	98
69) Atrazine	17.095	200	185107	51.366	ng	98
70) Pentachlorophenol	17.312	266	260779	91.178	ng	99
71) Phenanthrene	17.706	178	813888	50.113	ng	99
72) Anthracene	17.800	178	825326	49.262	ng	100
73) Carbazole	18.058	167	703280	49.939	ng	98
74) Di-n-butylphthalate	18.593	149	716540	51.042	ng	100
75) Fluoranthene	19.698	202	1015414	47.930	ng	99
77) Benzidine	19.862	184	378578	35.658	ng	99
78) Pyrene	20.056	202	1044248	48.902	ng	99
80) Butylbenzylphthalate	20.914	149	313700	51.206	ng	99
81) Benzo(a)anthracene	21.936	228	1055906	49.622	ng	100
82) 3,3'-Dichlorobenzidine	21.842	252	270130	35.265	ng	99
83) Chrysene	22.013	228	985117	49.424	ng	99
84) Bis(2-ethylhexyl)phtha...	21.801	149	452163	51.230	ng	100
85) Di-n-octyl phthalate	23.088	149	781237	52.432	ng	100
87) Indeno(1,2,3-cd)pyrene	29.369	276	1253459	52.219	ng	# 99
88) Benzo(b)fluoranthene	24.304	252	1127766	53.778	ng	99
89) Benzo(k)fluoranthene	24.375	252	1086143	52.012	ng	99
90) Benzo(a)pyrene	25.244	252	991114	48.456	ng	# 99
91) Dibenzo(a,h)anthracene	29.433	278	1052842	52.315	ng	99
92) Benzo(g,h,i)perylene	30.614	276	998839	51.181	ng	100

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

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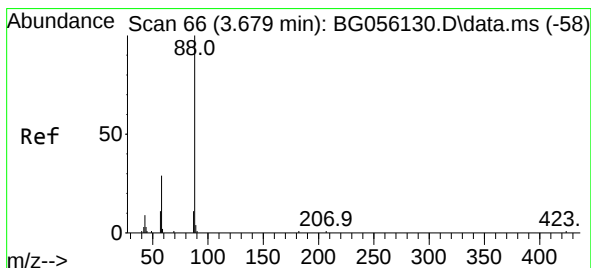
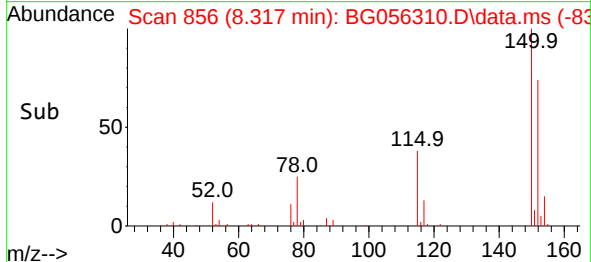
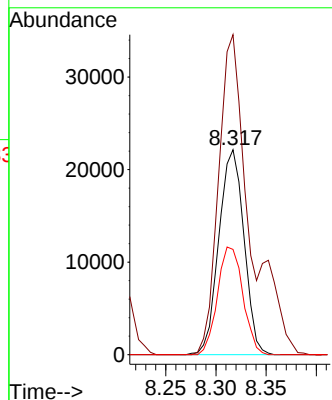
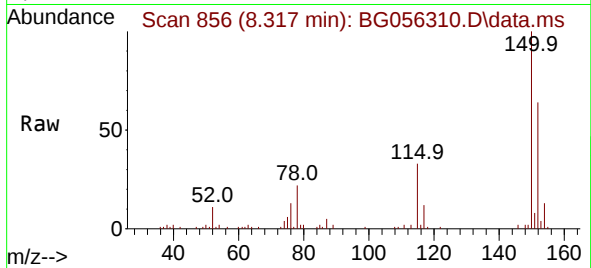




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056310.D
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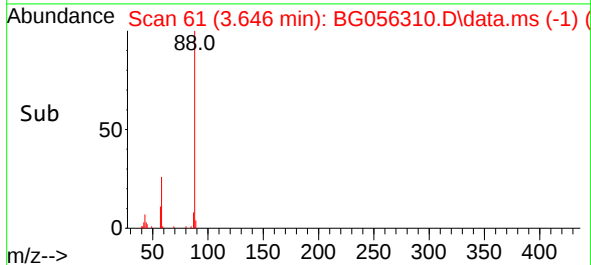
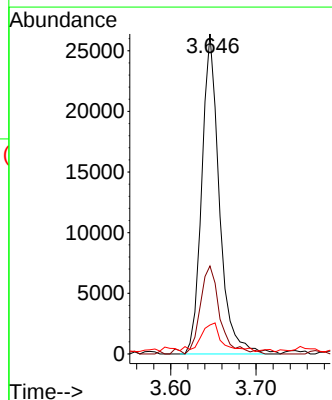
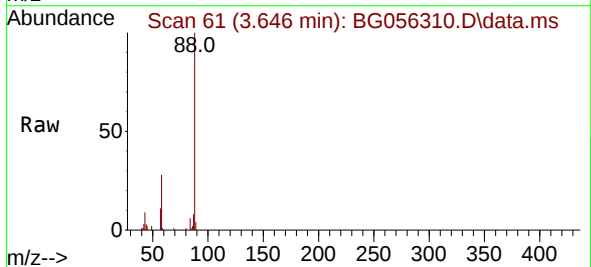
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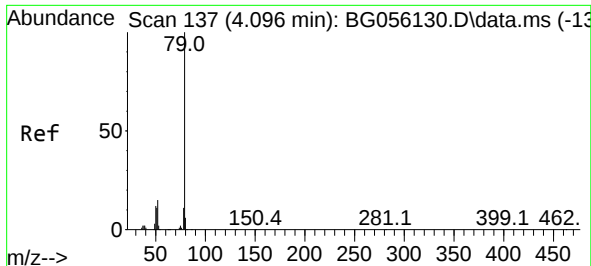
Tgt Ion:152 Resp: 38506
Ion Ratio Lower Upper
152 100
150 156.1 127.9 191.9
115 51.4 44.2 66.2



#2
1,4-Dioxane
Concen: 38.373 ng
RT: 3.646 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion: 88 Resp: 37799
Ion Ratio Lower Upper
88 100
58 30.4 21.4 32.0
43 10.5 7.1 10.7

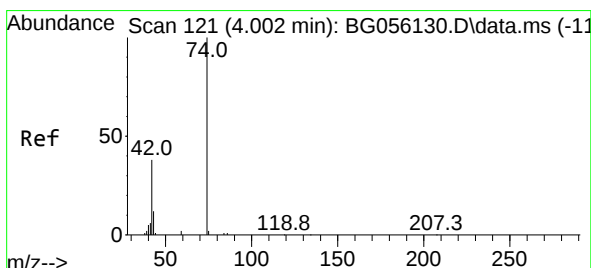
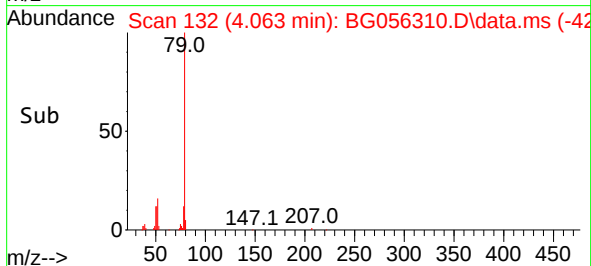
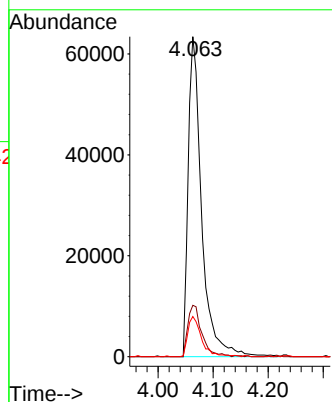
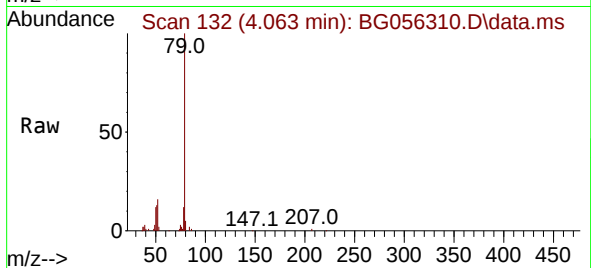




#3
 Pyridine
 Concen: 35.975 ng
 RT: 4.063 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BG056310.D
 Acq: 17 Jan 2023 11:31

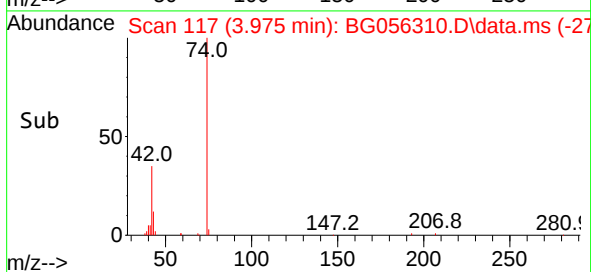
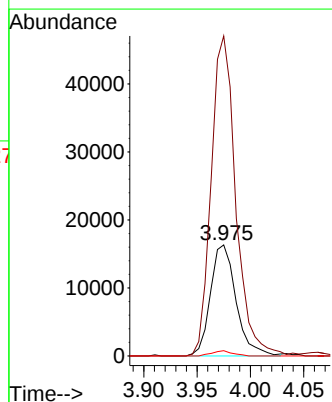
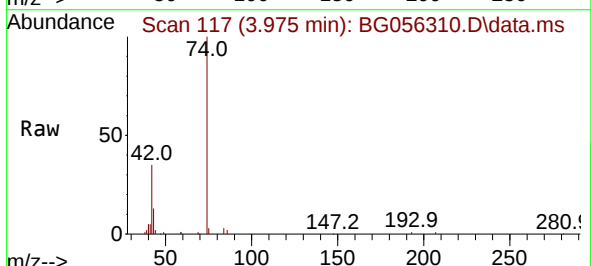
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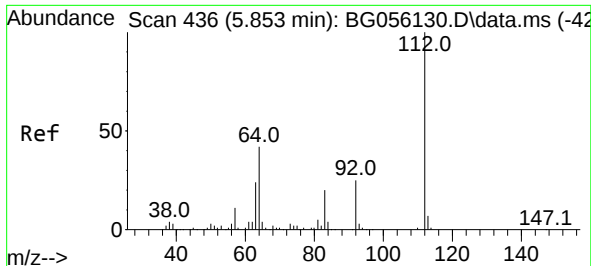
Tgt Ion: 79 Resp: 107931
 Ion Ratio Lower Upper
 79 100
 52 16.1 11.8 17.6
 51 12.5 8.8 13.2



#4
 n-Nitrosodimethylamine
 Concen: 44.670 ng
 RT: 3.975 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: BG056310.D
 Acq: 17 Jan 2023 11:31

Tgt Ion: 42 Resp: 27262
 Ion Ratio Lower Upper
 42 100
 74 288.3 212.6 319.0
 44 4.7 2.6 3.8#

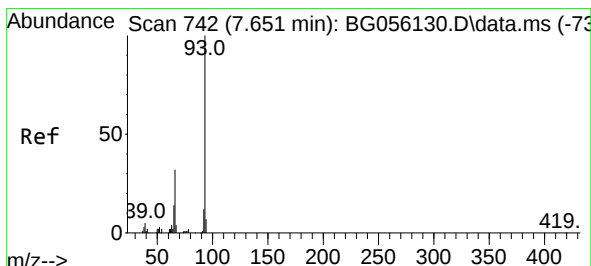
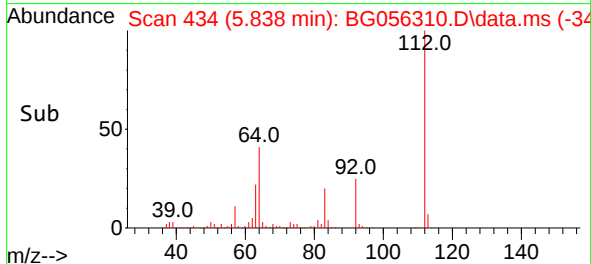
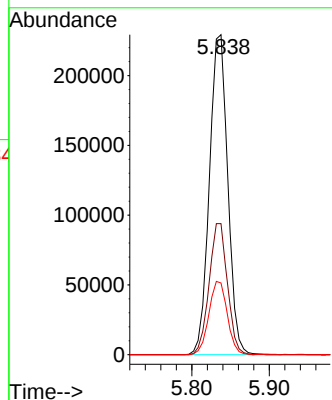
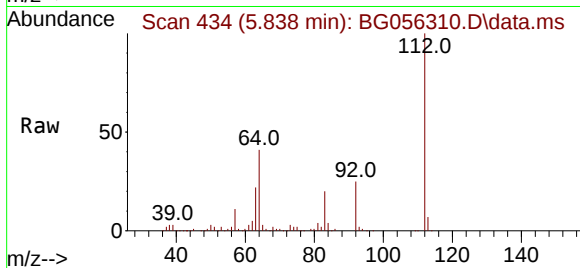




#5
2-Fluorophenol
Concen: 174.704 ng
RT: 5.838 min Scan# 411
Delta R.T. 0.012 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

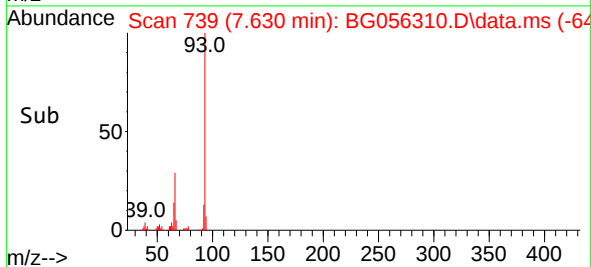
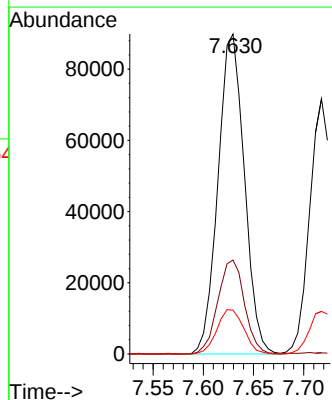
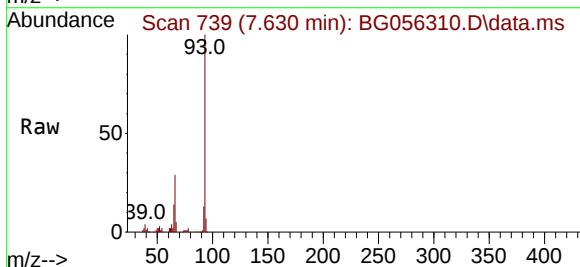
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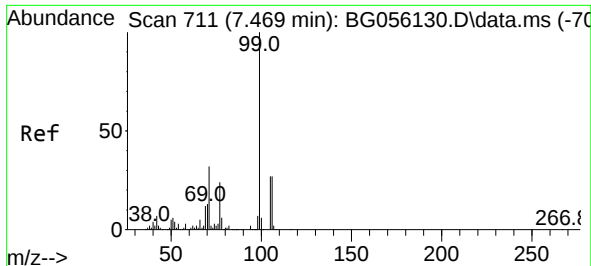
Tgt Ion:112 Resp: 376767
Ion Ratio Lower Upper
112 100
64 41.0 33.3 49.9
63 22.4 19.0 28.4



#6
Aniline
Concen: 37.697 ng
RT: 7.630 min Scan# 739
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion: 93 Resp: 163728
Ion Ratio Lower Upper
93 100
66 29.4 25.4 38.2
65 13.7 11.4 17.2

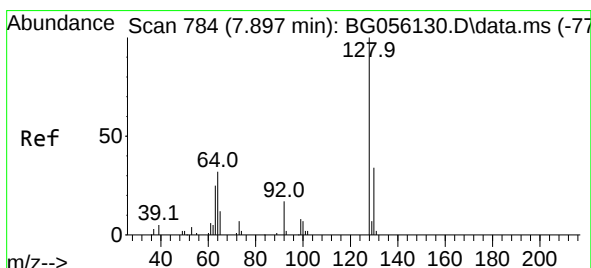
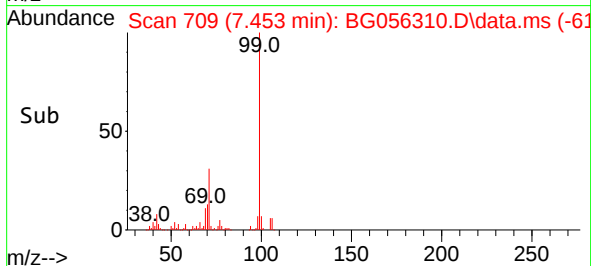
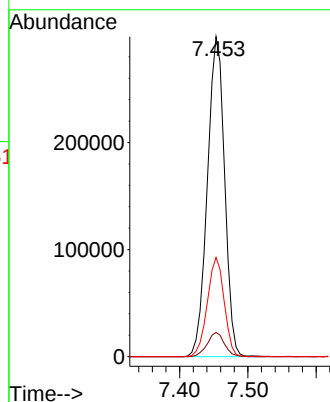
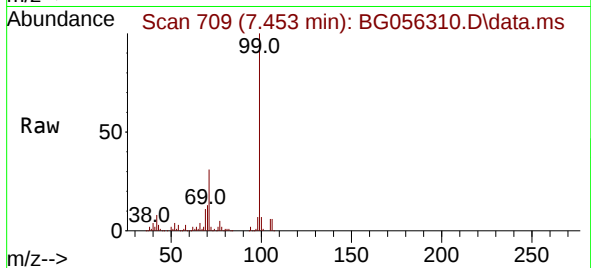




#7
Phenol-d6
Concen: 158.796 ng
RT: 7.453 min Scan# 709
Delta R.T. 0.006 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

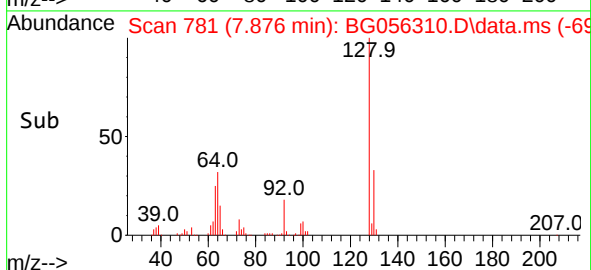
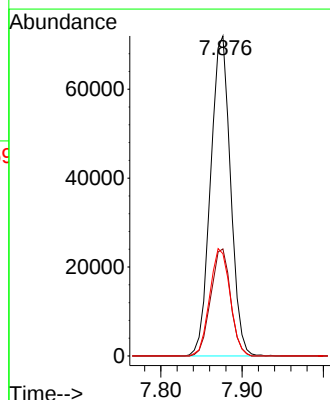
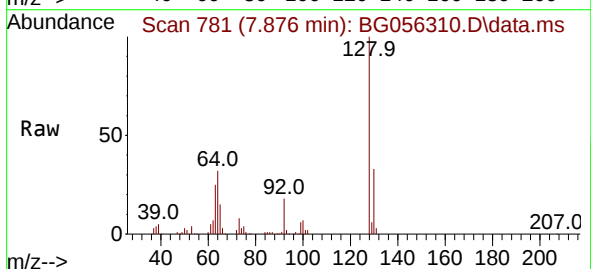
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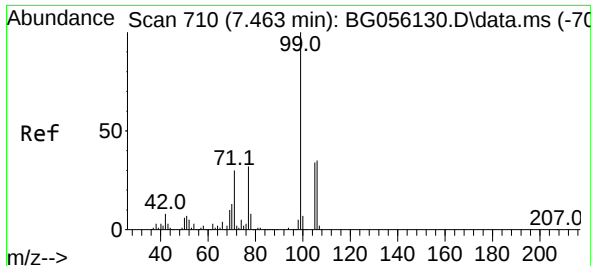
Tgt Ion: 99 Resp: 525919
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 31.0 25.4 38.2



#8
2-Chlorophenol
Concen: 57.132 ng
RT: 7.876 min Scan# 781
Delta R.T. 0.006 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion: 128 Resp: 122607
Ion Ratio Lower Upper
128 100
130 33.4 13.5 53.5
64 32.0 18.0 58.0

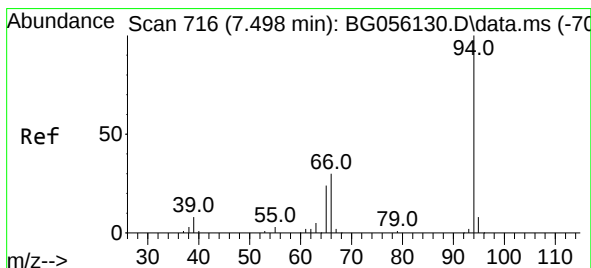
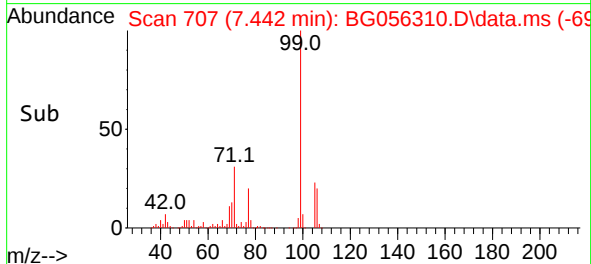
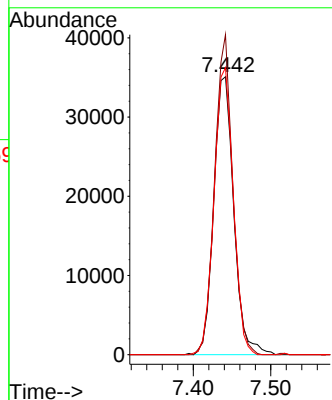
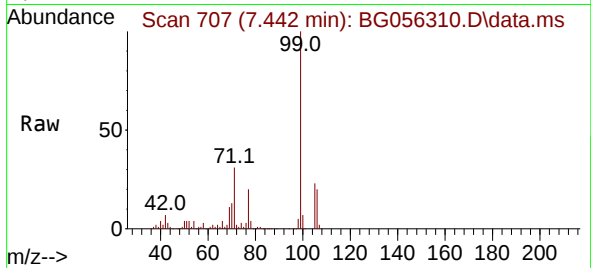




#9
Benzaldehyde
Concen: 31.954 ng
RT: 7.442 min Scan# 710
Delta R.T. 0.000 min
Lab File: BG056130.D
Acq: 17 Jan 2023 11:31

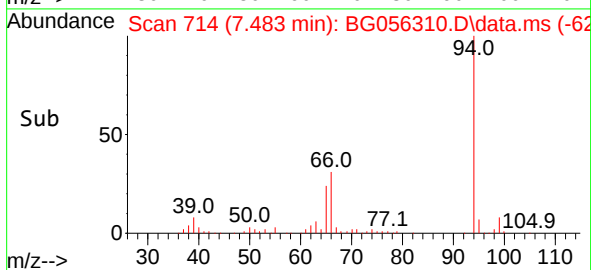
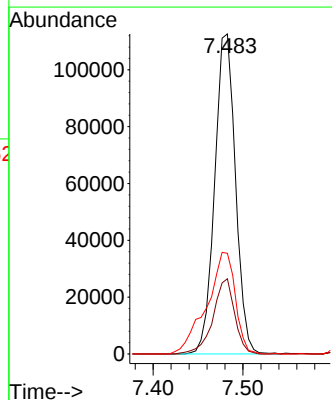
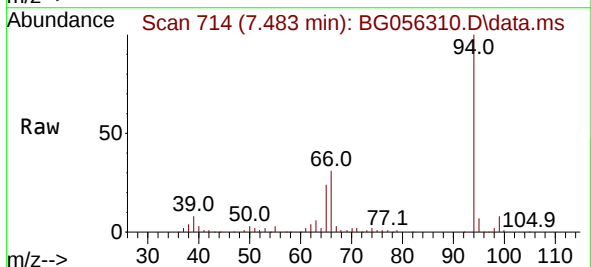
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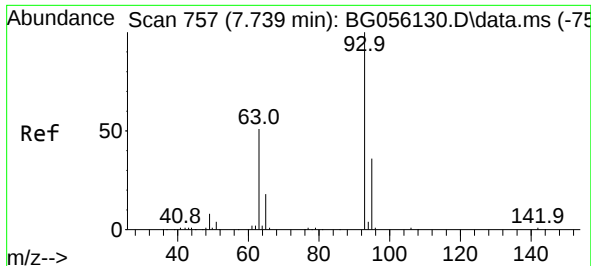
Tgt Ion: 77 Resp: 62925
Ion Ratio Lower Upper
77 100
105 115.2 86.8 126.8
106 103.3 89.3 129.3



#10
Phenol
Concen: 53.898 ng
RT: 7.483 min Scan# 714
Delta R.T. 0.006 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion: 94 Resp: 181030
Ion Ratio Lower Upper
94 100
65 23.5 4.3 44.3
66 31.4 13.2 53.2

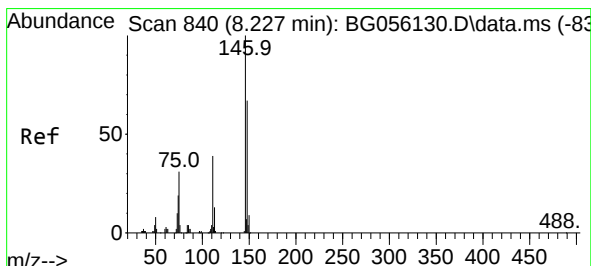
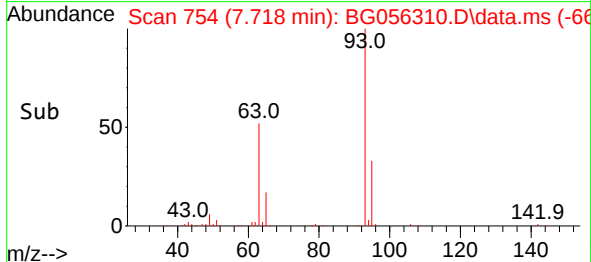
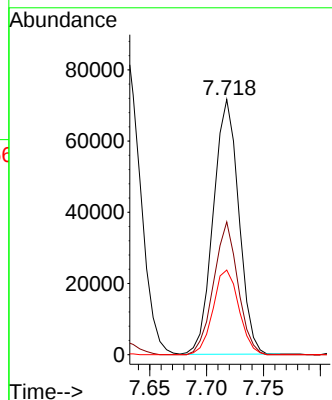
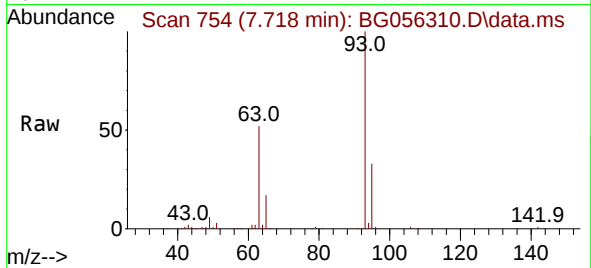




#11
bis(2-Chloroethyl)ether
Concen: 49.006 ng
RT: 7.718 min Scan# 711
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

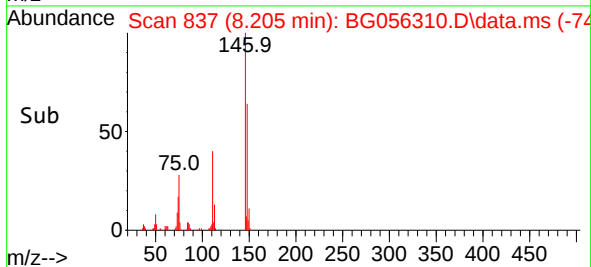
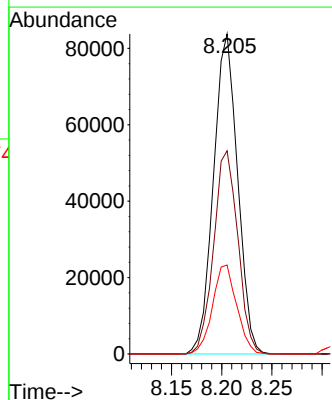
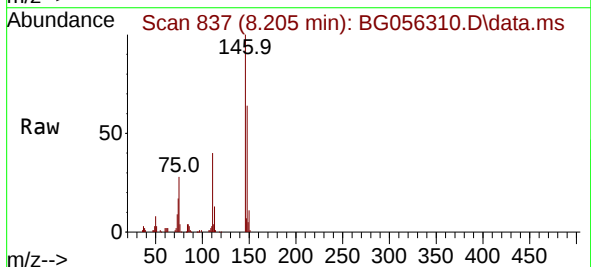
Instrument :
BNA_G
ClientSampleId :
PB150221BS

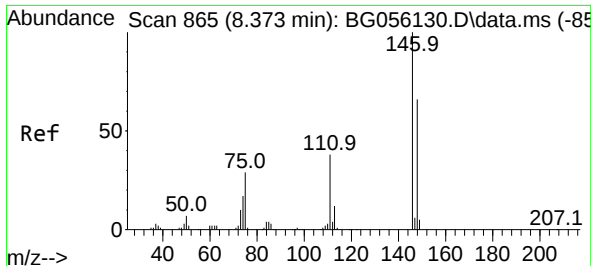
Tgt Ion: 93 Resp: 111544
Ion Ratio Lower Upper
93 100
63 52.1 30.5 70.5
95 33.2 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 53.573 ng
RT: 8.205 min Scan# 837
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion: 146 Resp: 139925
Ion Ratio Lower Upper
146 100
148 63.5 53.5 80.3
75 27.8 24.8 37.2

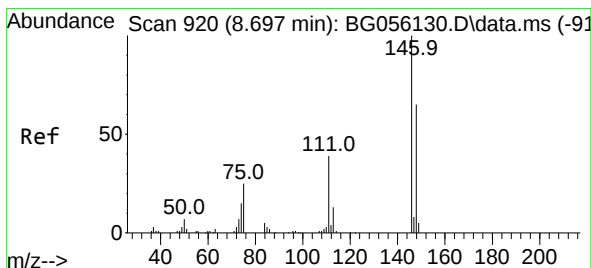
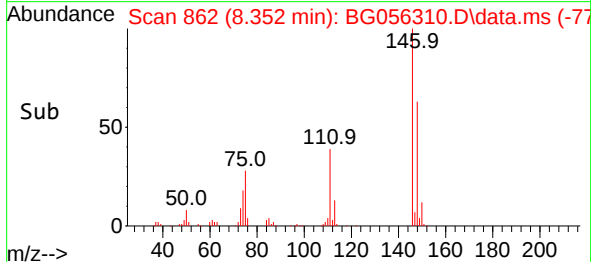
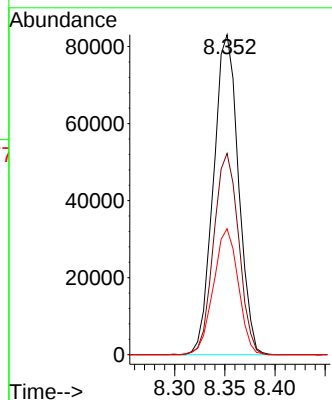
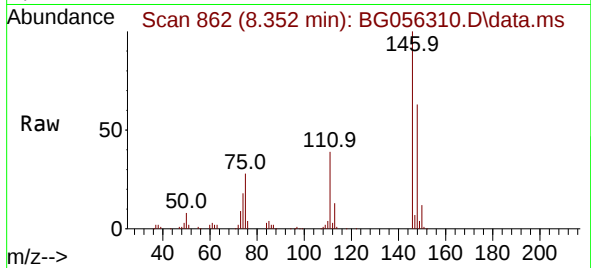




#13
1,4-Dichlorobenzene
Concen: 54.827 ng
RT: 8.352 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

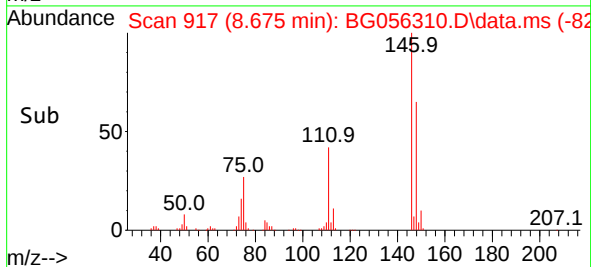
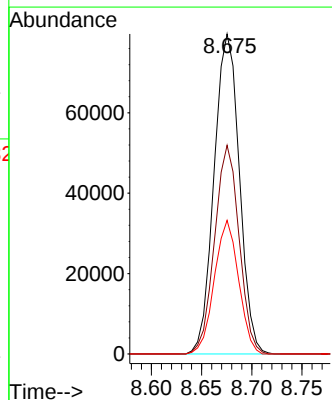
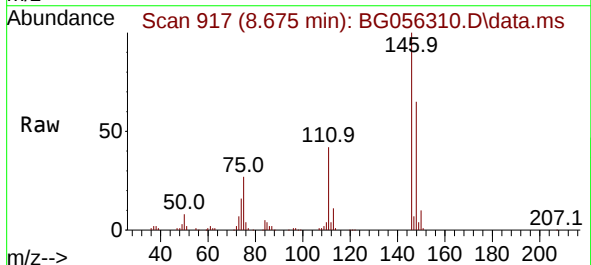
Instrument :
BNA_G
ClientSampleId :
PB150221BS

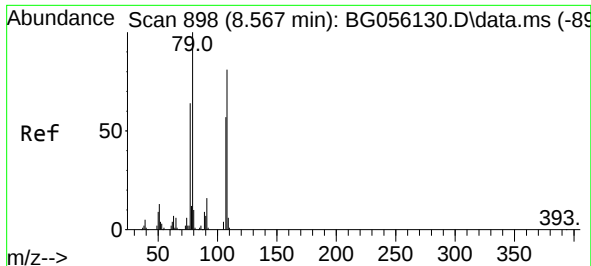
Tgt Ion:146 Resp: 143801
Ion Ratio Lower Upper
146 100
148 62.9 52.8 79.2
111 39.3 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 55.112 ng
RT: 8.675 min Scan# 917
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:146 Resp: 139474
Ion Ratio Lower Upper
146 100
148 65.2 51.7 77.5
111 41.7 31.5 47.3

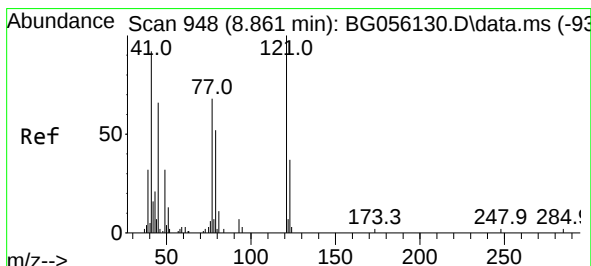
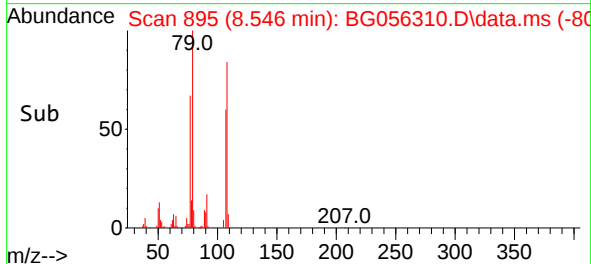
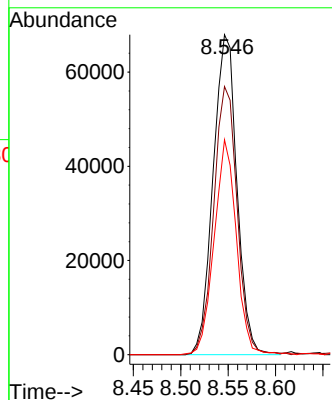
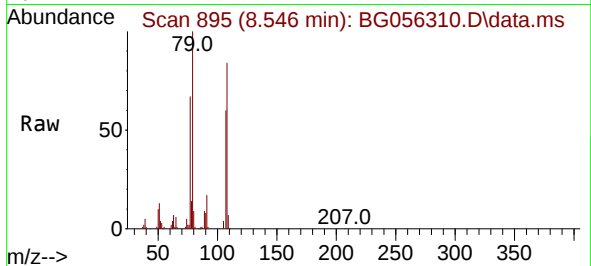




#15
Benzyl Alcohol
Concen: 49.222 ng
RT: 8.546 min Scan# 898
Delta R.T. 0.000 min
Lab File: BG056130.D
Acq: 17 Jan 2023 11:31

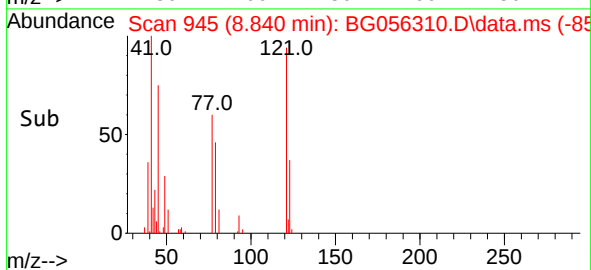
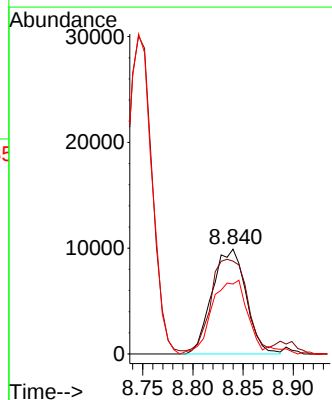
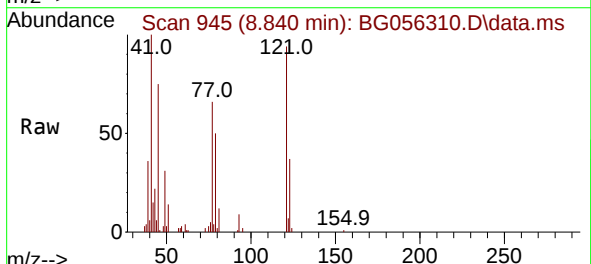
Instrument :
BNA_G
ClientSampleId :
PB150221BS

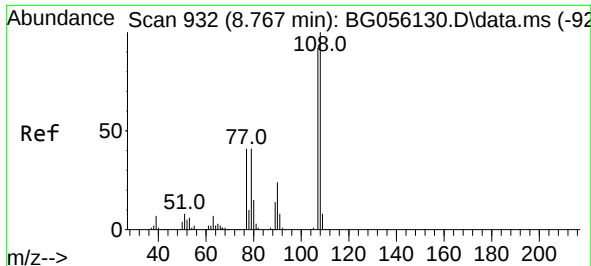
Tgt Ion: 79 Resp: 118644
Ion Ratio Lower Upper
79 100
108 83.8 64.7 97.1
77 67.1 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.886 ng
RT: 8.840 min Scan# 945
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion: 45 Resp: 23283
Ion Ratio Lower Upper
45 100
77 88.6 88.2 128.2
79 66.7 61.2 101.2

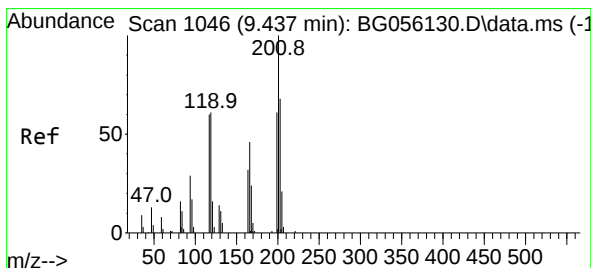
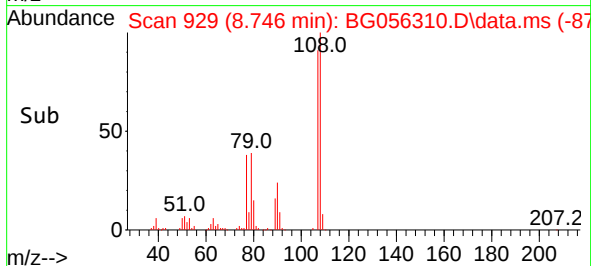
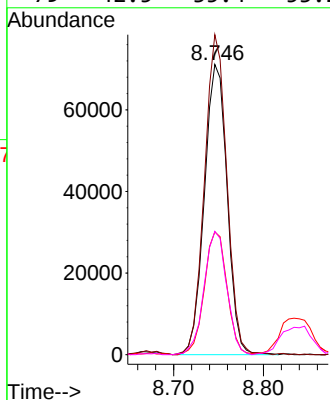
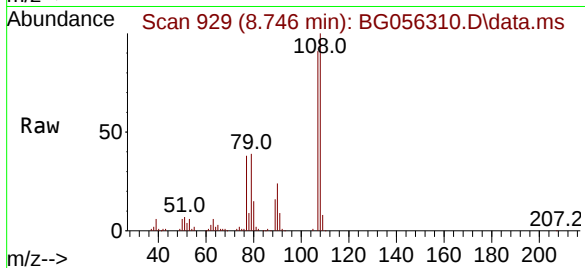




#17
2-Methylphenol
Concen: 50.821 ng
RT: 8.746 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

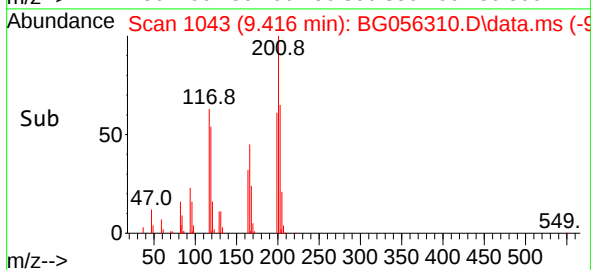
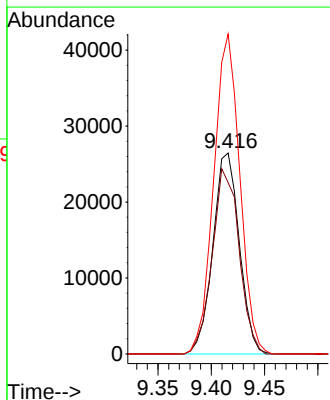
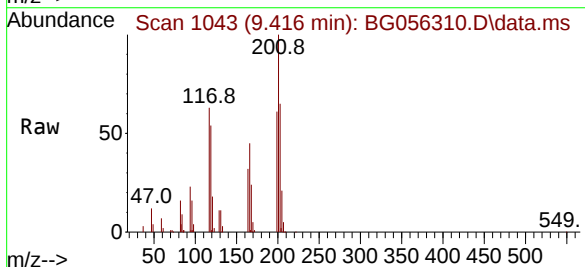
Instrument :
BNA_G
ClientSampleId :
PB150221BS

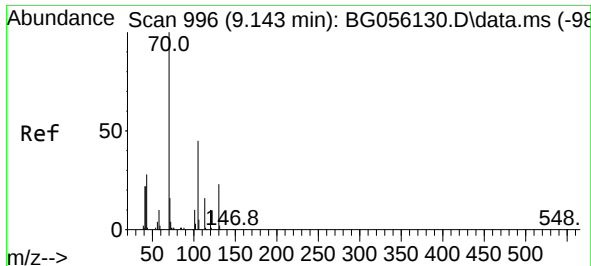
Tgt Ion:	107	Resp:	125251
Ion	Ratio	Lower	Upper
107	100		
108	110.3	86.6	129.8
77	42.3	35.4	53.2
79	42.5	35.4	53.2



#18
Hexachloroethane
Concen: 57.198 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:	117	Resp:	45574
Ion	Ratio	Lower	Upper
117	100		
119	86.4	81.8	122.6
201	159.2	134.2	201.2

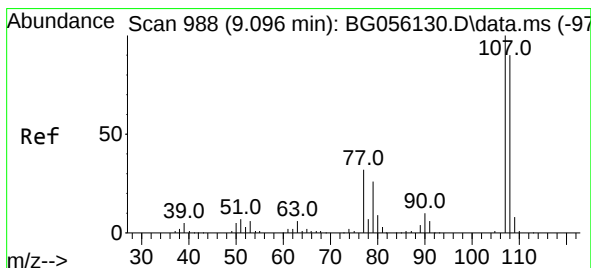
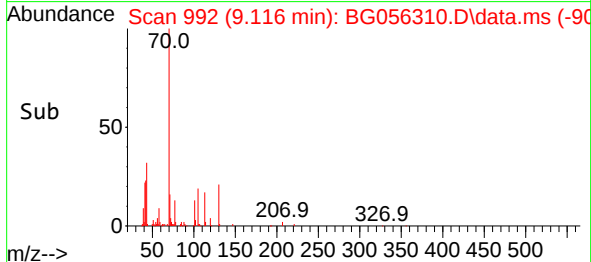
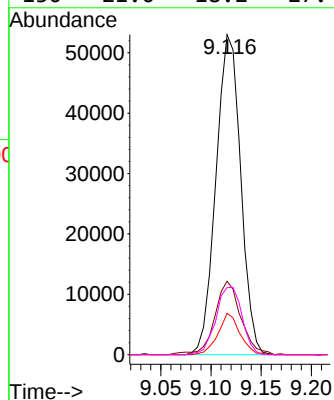
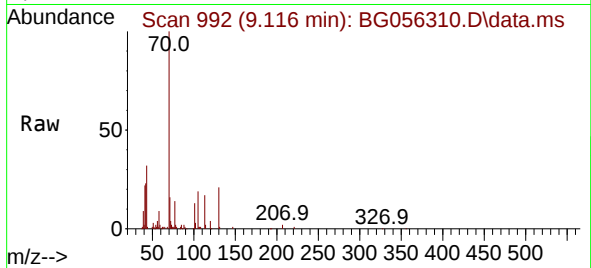




#19
n-Nitroso-di-n-propylamine
Concen: 45.049 ng
RT: 9.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

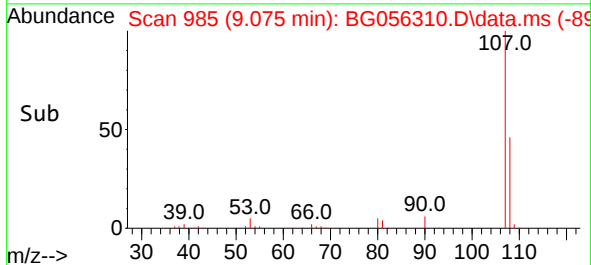
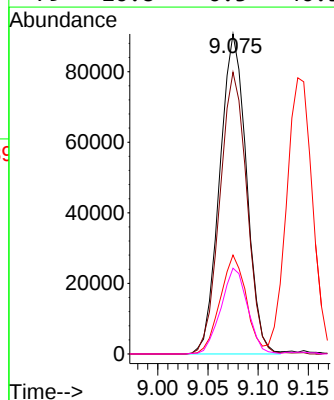
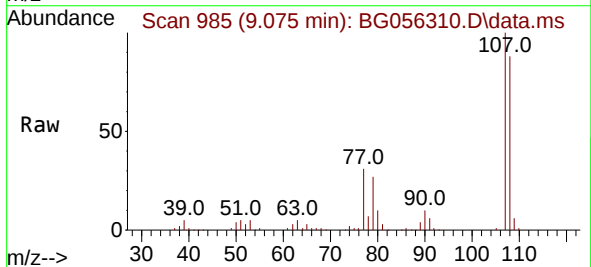
Instrument :
BNA_G
ClientSampleId :
PB150221BS

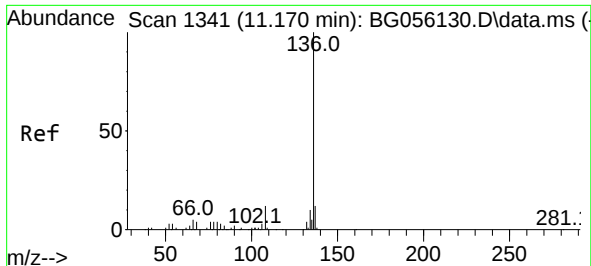
Tgt Ion: 70 Resp: 90725
Ion Ratio Lower Upper
70 100
42 22.9 18.2 27.2
101 12.9 8.3 12.5#
130 21.0 18.2 27.4



#20
3+4-Methylphenols
Concen: 48.491 ng
RT: 9.075 min Scan# 985
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:107 Resp: 168022
Ion Ratio Lower Upper
107 100
108 88.0 69.6 109.6
77 30.9 11.7 51.7
79 26.8 6.3 46.3

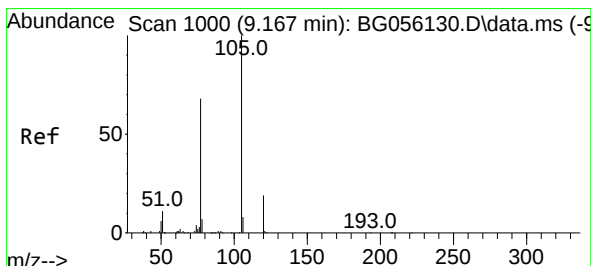
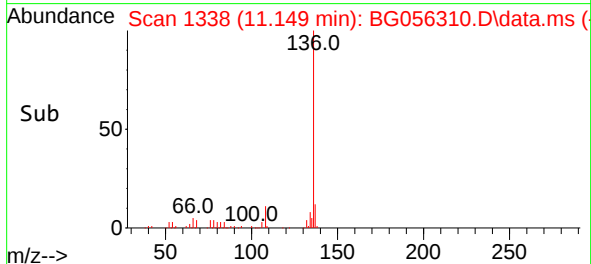
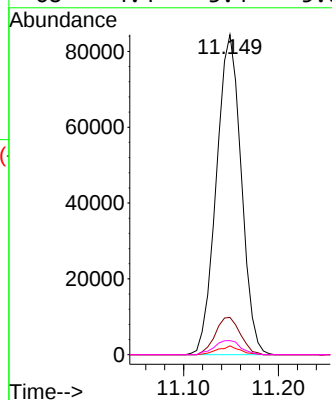
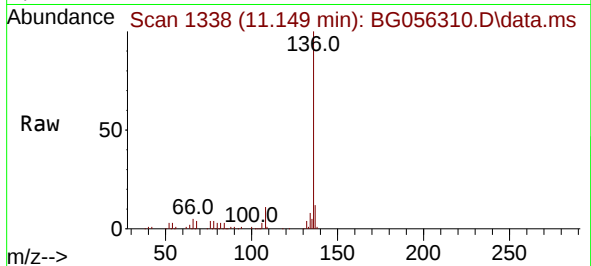




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 111
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

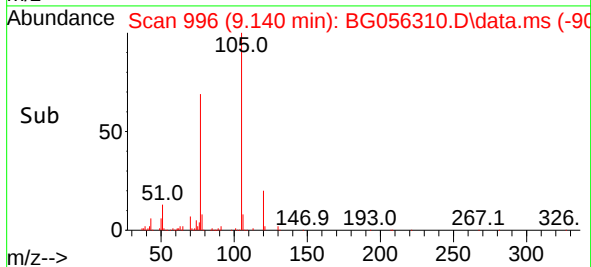
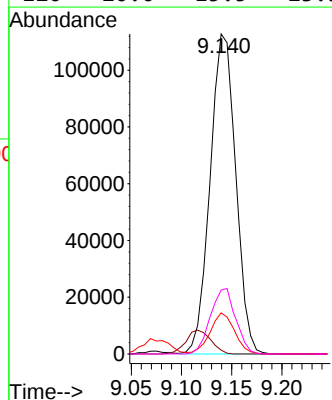
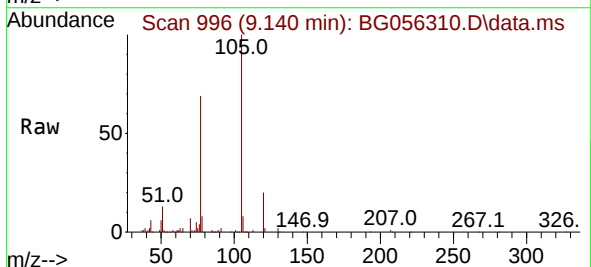
Instrument :
BNA_G
ClientSampleId :
PB150221BS

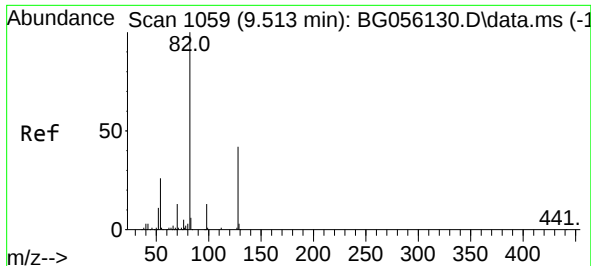
Tgt Ion:136 Resp: 153644
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 2.7 2.2 3.2
68 4.4 3.4 5.0



#22
Acetophenone
Concen: 46.165 ng
RT: 9.140 min Scan# 996
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:105 Resp: 200554
Ion Ratio Lower Upper
105 100
71 1.2 0.5 0.7#
51 12.8 9.3 13.9
120 20.0 15.5 23.3

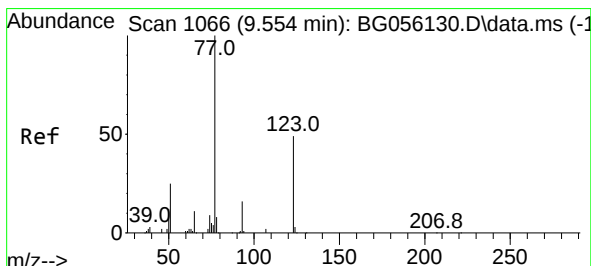
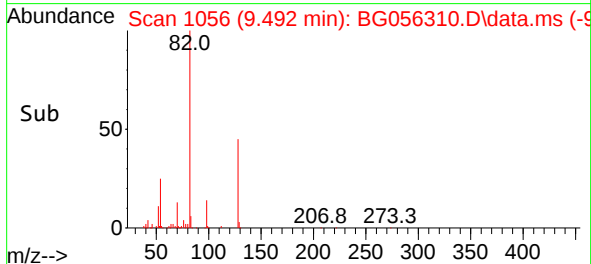
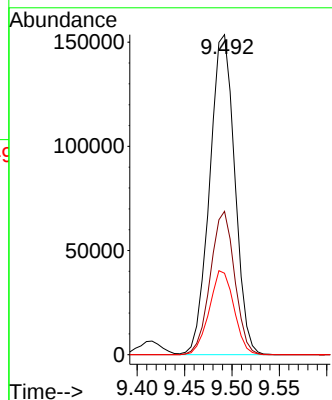
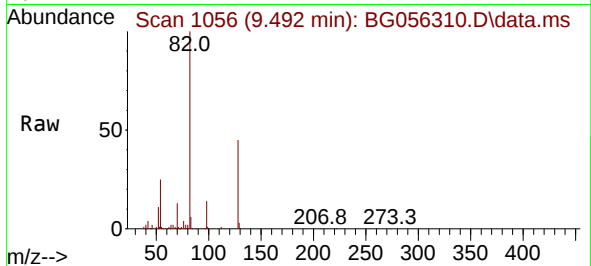




#23
Nitrobenzene-d5
Concen: 94.109 ng
RT: 9.492 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

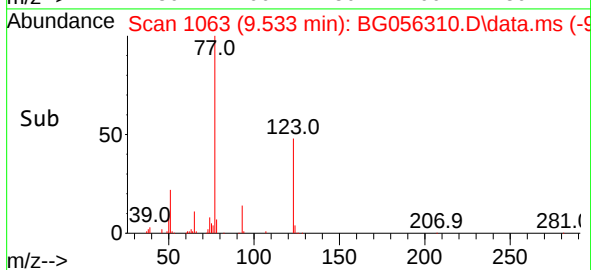
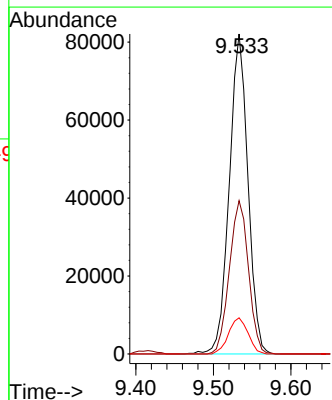
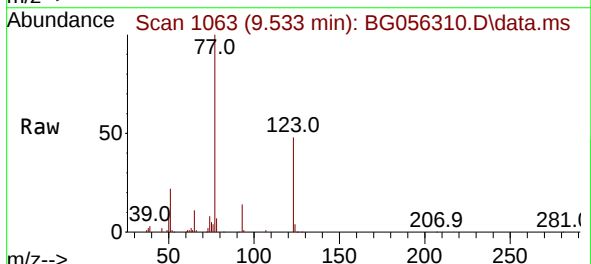
Instrument :
BNA_G
ClientSampleId :
PB150221BS

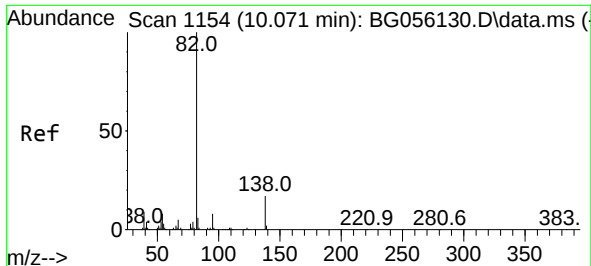
Tgt Ion: 82 Resp: 282674
Ion Ratio Lower Upper
82 100
128 44.8 33.4 50.2
54 25.4 20.3 30.5



#24
Nitrobenzene
Concen: 46.124 ng
RT: 9.533 min Scan# 1063
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion: 77 Resp: 137296
Ion Ratio Lower Upper
77 100
123 47.9 38.8 58.2
65 11.3 9.1 13.7

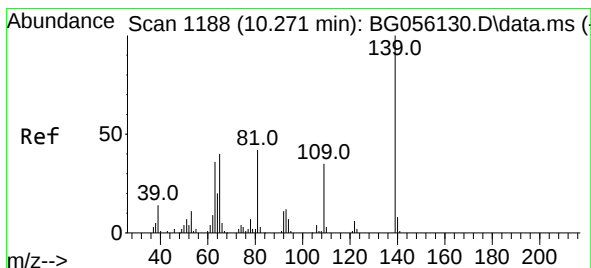
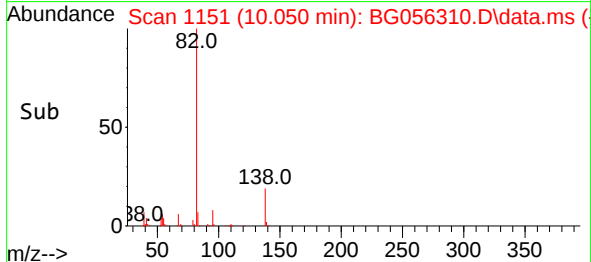
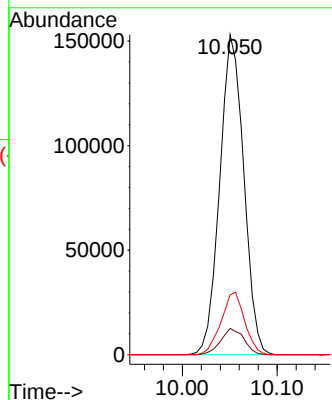
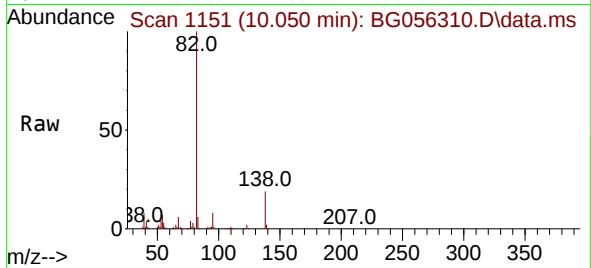




#25
Isophorone
Concen: 42.575 ng
RT: 10.050 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

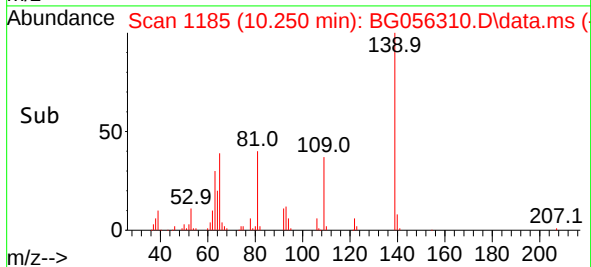
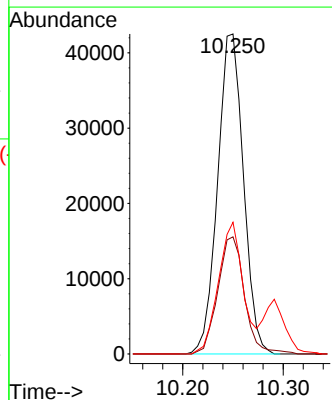
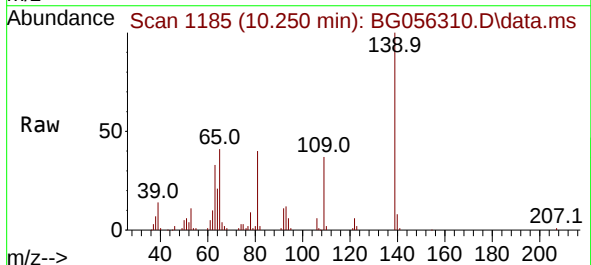
Instrument :
BNA_G
ClientSampleId :
PB150221BS

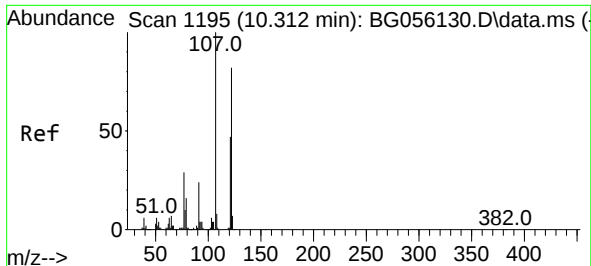
Tgt Ion: 82 Resp: 269067
Ion Ratio Lower Upper
82 100
95 8.2 6.7 10.1
138 18.7 13.7 20.5



#26
2-Nitrophenol
Concen: 49.818 ng
RT: 10.250 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:139 Resp: 75874
Ion Ratio Lower Upper
139 100
109 36.6 28.4 42.6
65 41.2 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 49.526 ng

RT: 10.291 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB150221BS

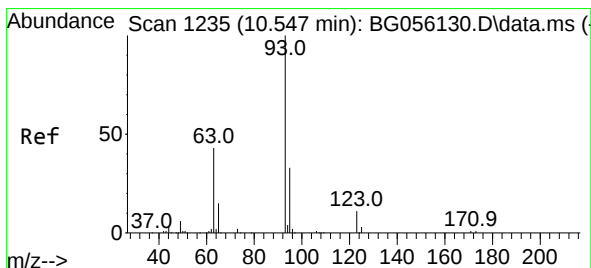
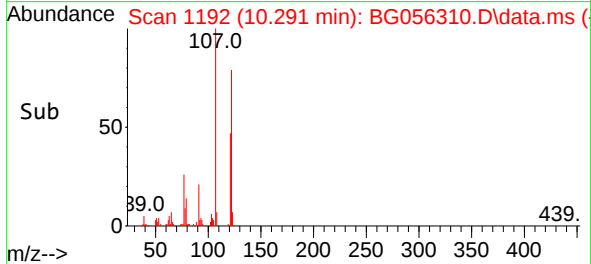
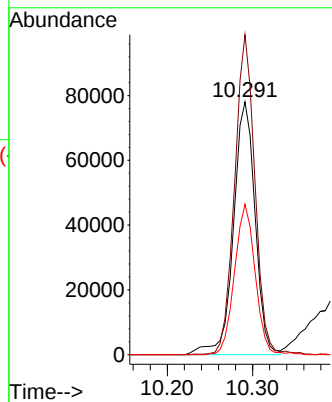
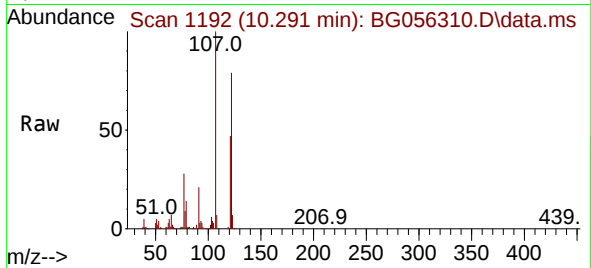
Tgt Ion:122 Resp: 137577

Ion Ratio Lower Upper

122 100

107 126.6 97.5 146.3

121 59.5 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 47.435 ng

RT: 10.526 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

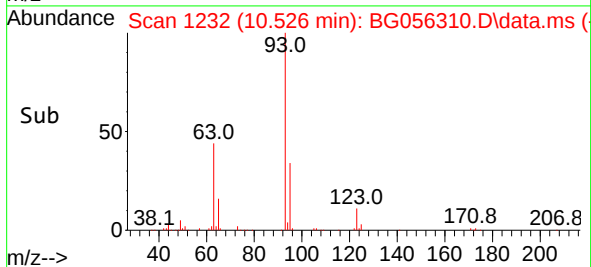
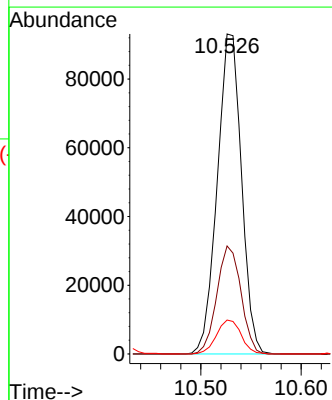
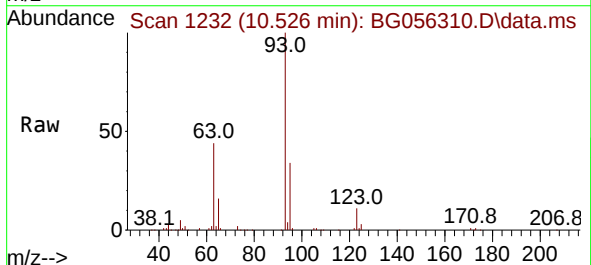
Tgt Ion: 93 Resp: 155808

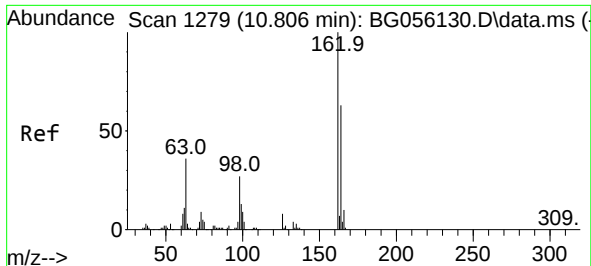
Ion Ratio Lower Upper

93 100

95 33.8 26.2 39.2

123 10.6 9.0 13.6

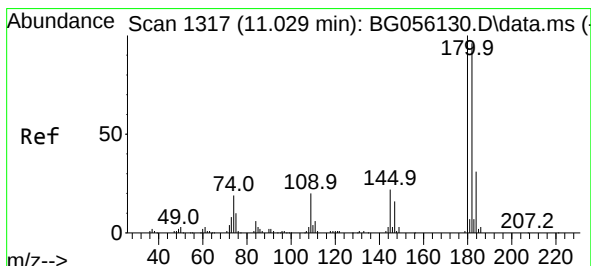
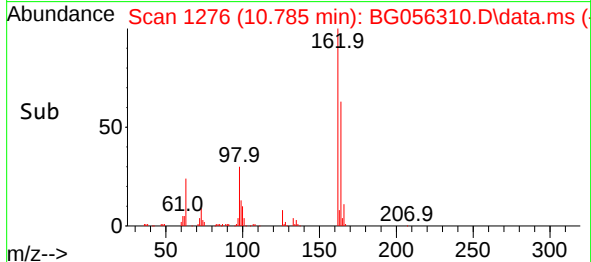
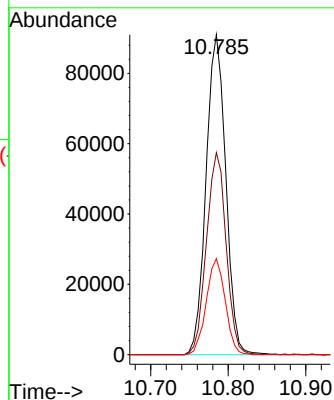
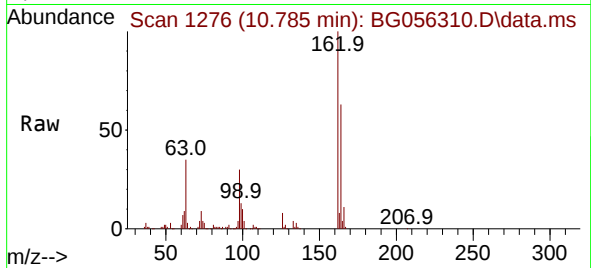




#29
2,4-Dichlorophenol
Concen: 52.241 ng
RT: 10.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

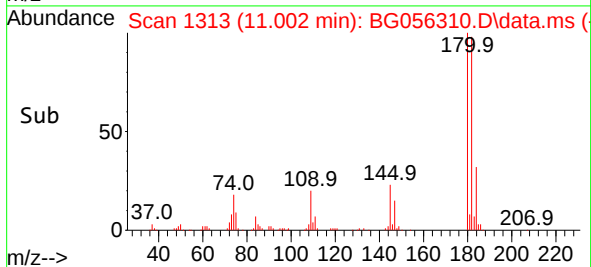
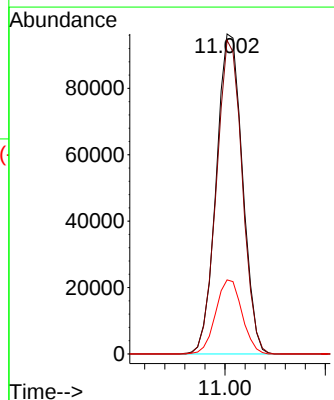
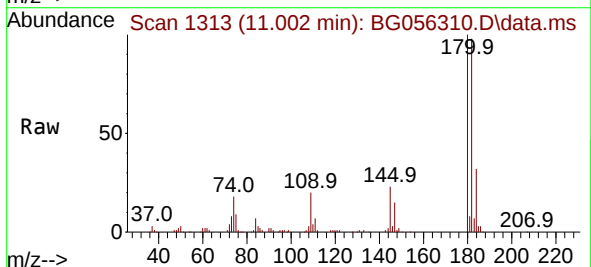
Instrument :
BNA_G
ClientSampleId :
PB150221BS

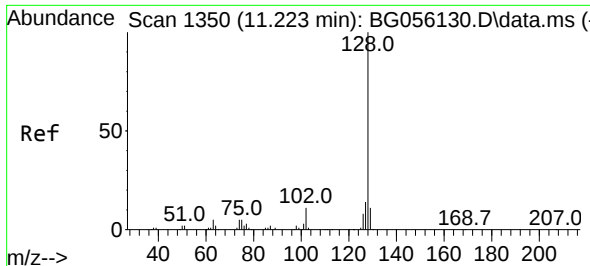
Tgt Ion:162 Resp: 160436
Ion Ratio Lower Upper
162 100
164 63.2 43.3 83.3
98 30.0 6.8 46.8



#30
1,2,4-Trichlorobenzene
Concen: 50.034 ng
RT: 11.002 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:180 Resp: 174373
Ion Ratio Lower Upper
180 100
182 98.0 77.0 115.4
145 23.2 17.4 26.2

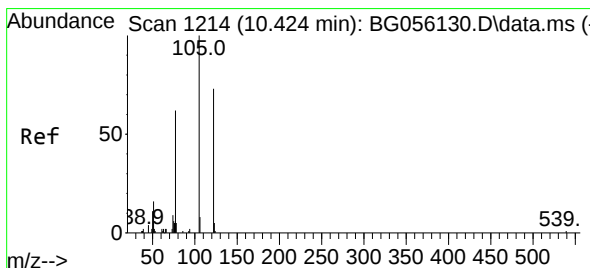
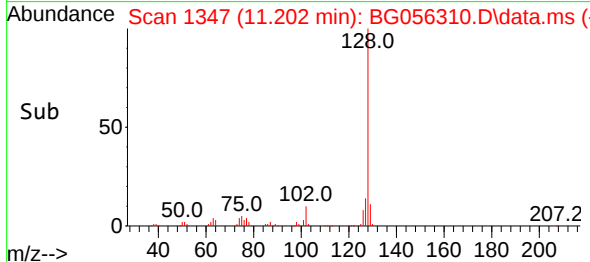
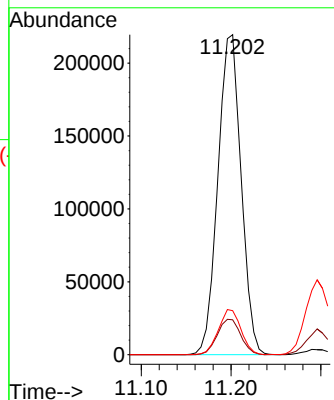
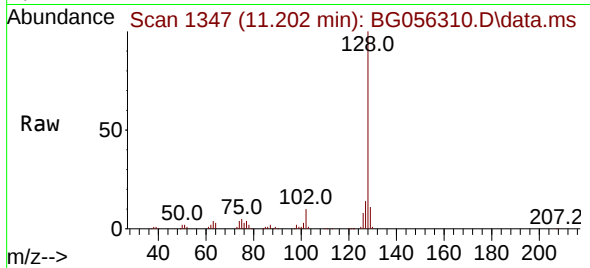




#31
Naphthalene
Concen: 48.789 ng
RT: 11.202 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

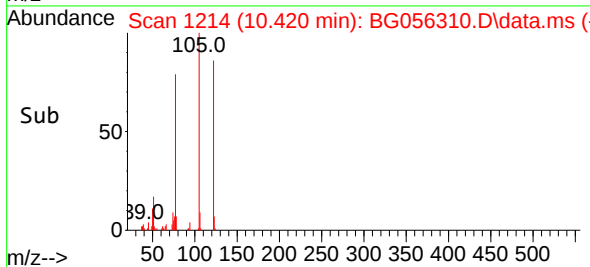
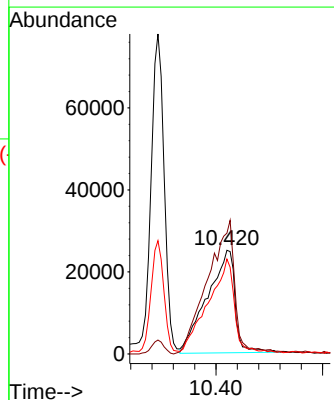
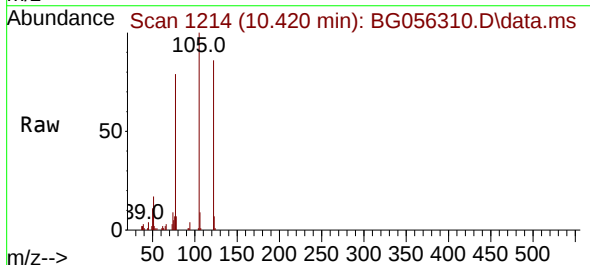
Instrument :
BNA_G
ClientSampleId :
PB150221BS

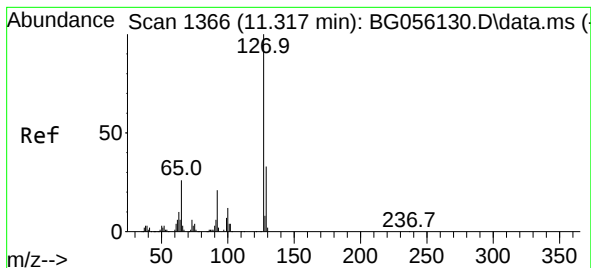
Tgt Ion:128 Resp: 394513
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.7 11.2 16.8



#32
Benzoic acid
Concen: 43.869 ng
RT: 10.420 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:122 Resp: 90418
Ion Ratio Lower Upper
122 100
105 116.5 109.0 149.0
77 91.6 63.1 103.1

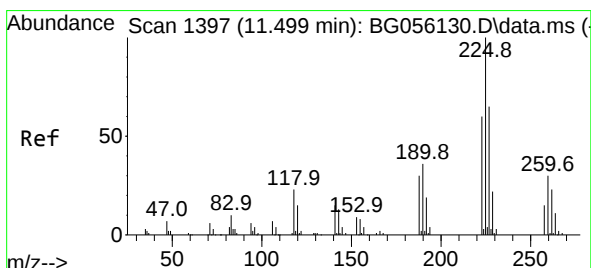
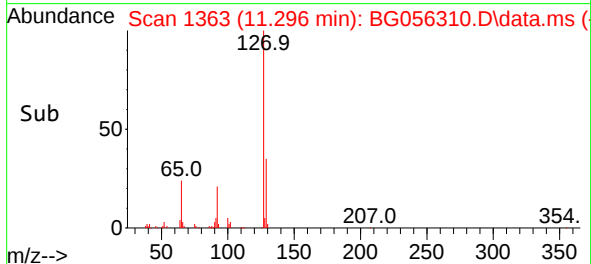
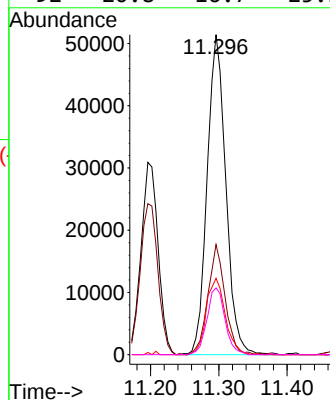
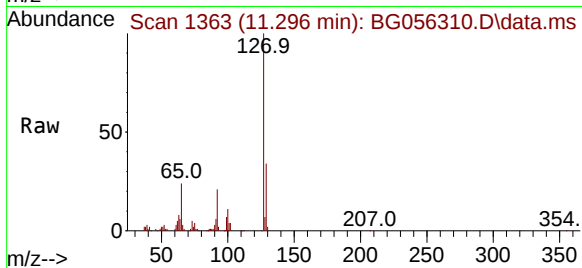




#33
4-Chloroaniline
Concen: 25.395 ng
RT: 11.296 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

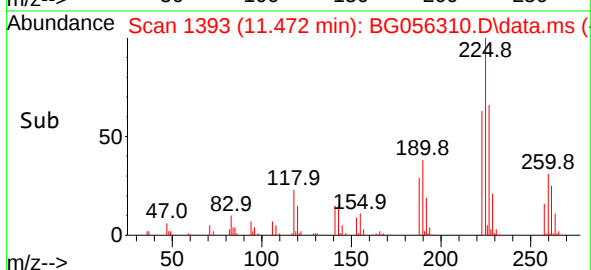
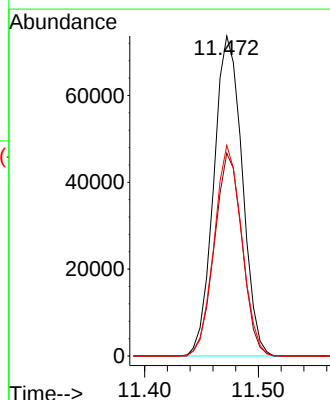
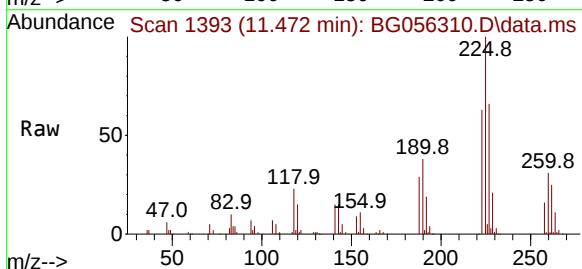
Instrument :
BNA_G
ClientSampleId :
PB150221BS

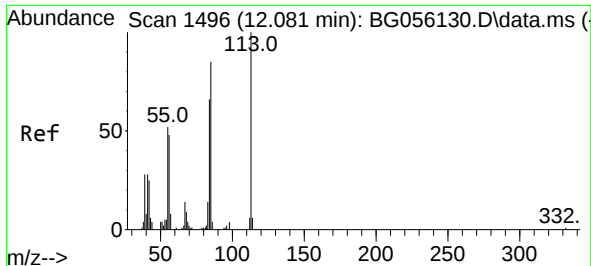
Tgt Ion:	127	Resp:	98040
Ion Ratio	Lower	Upper	
127	100		
129	34.4	26.1	39.1
65	23.9	20.9	31.3
92	20.8	16.7	25.1



#34
Hexachlorobutadiene
Concen: 51.056 ng
RT: 11.472 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:	225	Resp:	127974
Ion Ratio	Lower	Upper	
225	100		
223	63.4	47.7	71.5
227	65.8	52.3	78.5

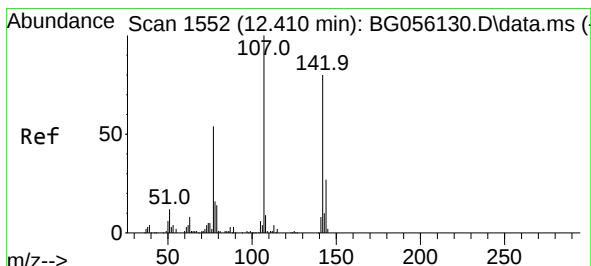
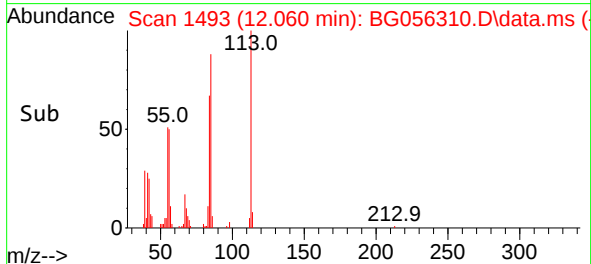
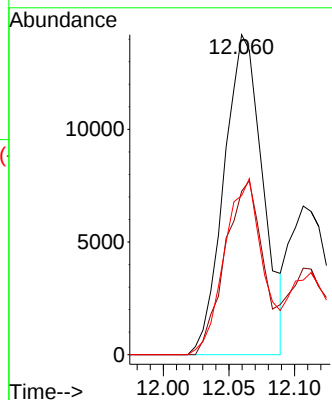
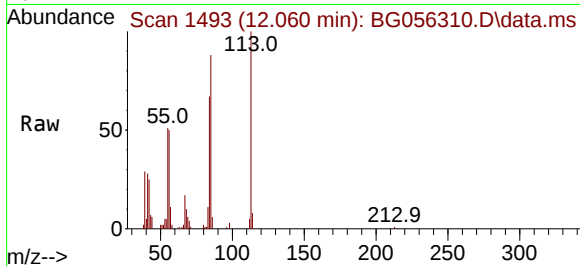




#35
 Caprolactam
 Concen: 28.124 ng
 RT: 12.060 min Scan# 1496
 Delta R.T. 0.000 min
 Lab File: BG056310.D
 Acq: 17 Jan 2023 11:31

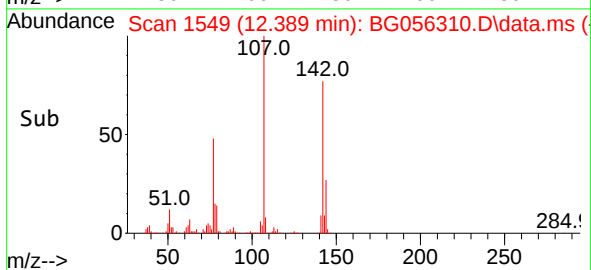
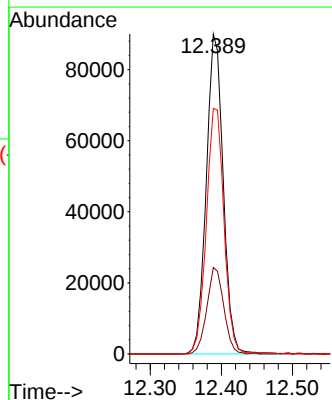
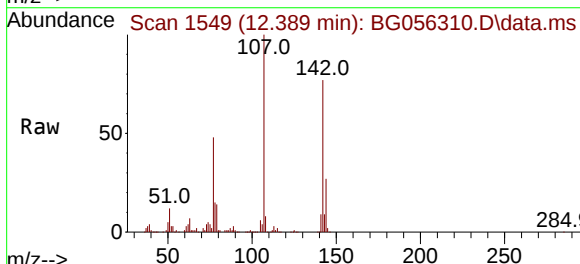
Instrument :
 BNA_G
 ClientSampleId :
 PB150221BS

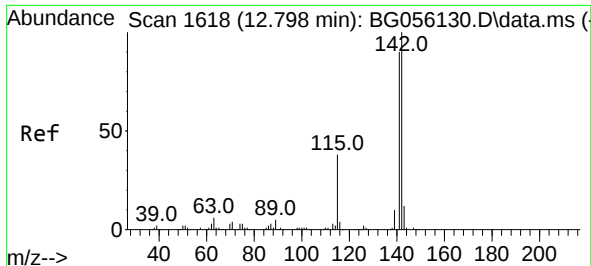
Tgt Ion:113 Resp: 29242
 Ion Ratio Lower Upper
 113 100
 55 51.0 31.9 71.9
 56 49.7 27.6 67.6



#36
 4-Chloro-3-methylphenol
 Concen: 47.907 ng
 RT: 12.389 min Scan# 1549
 Delta R.T. 0.000 min
 Lab File: BG056310.D
 Acq: 17 Jan 2023 11:31

Tgt Ion:107 Resp: 149292
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.5 32.3
 142 76.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 45.474 ng

RT: 12.782 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB150221BS

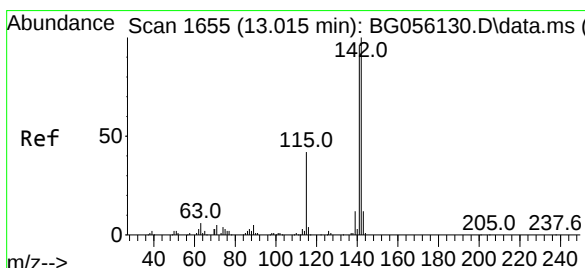
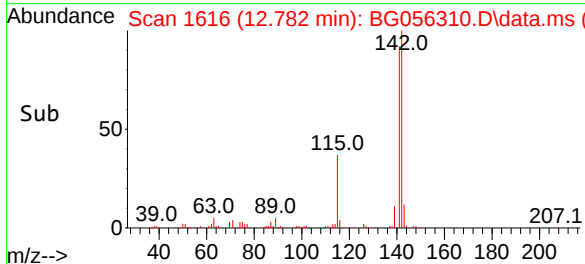
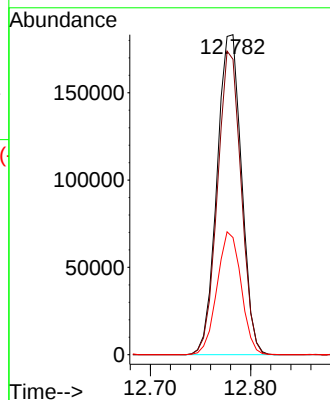
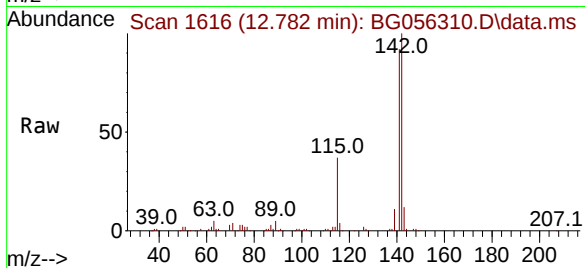
Tgt Ion:142 Resp: 310477

Ion Ratio Lower Upper

142 100

141 92.3 72.2 108.4

115 36.6 30.7 46.1



#38

1-Methylnaphthalene

Concen: 46.073 ng

RT: 12.994 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

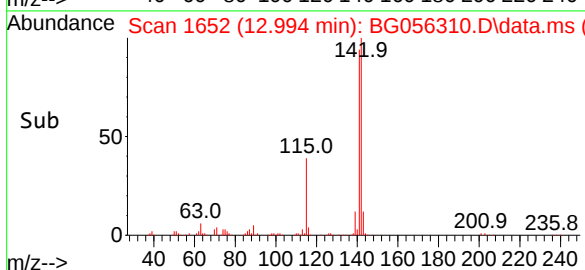
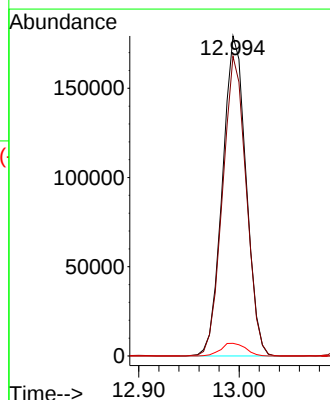
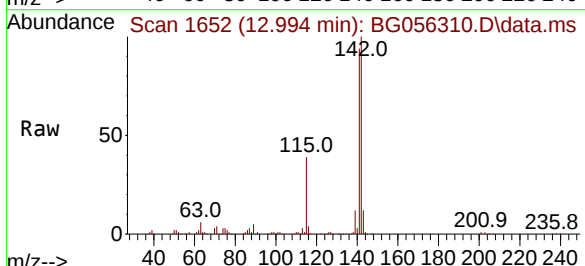
Tgt Ion:142 Resp: 292112

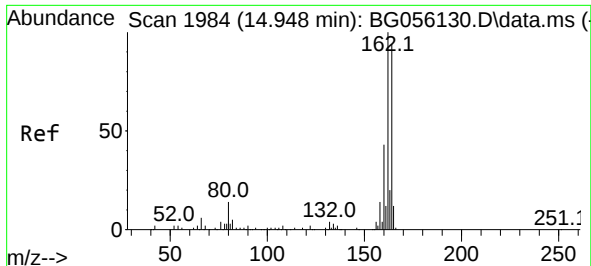
Ion Ratio Lower Upper

142 100

141 93.6 77.0 115.6

116 4.0 3.6 5.4

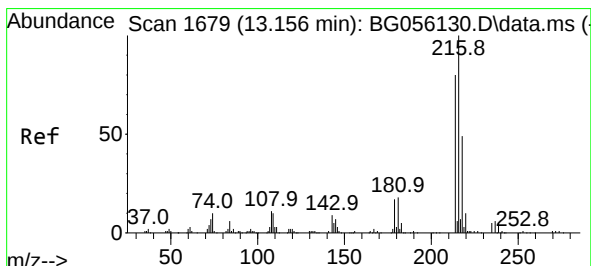
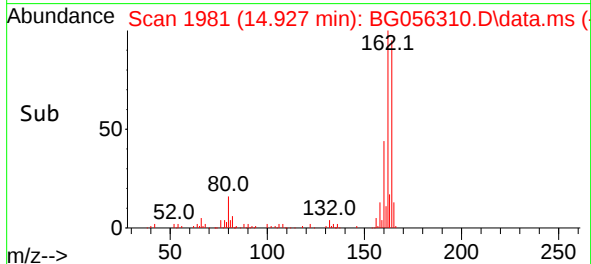
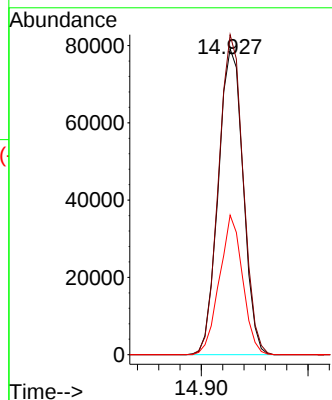
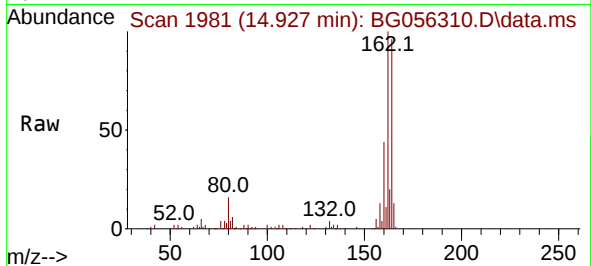




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.927 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

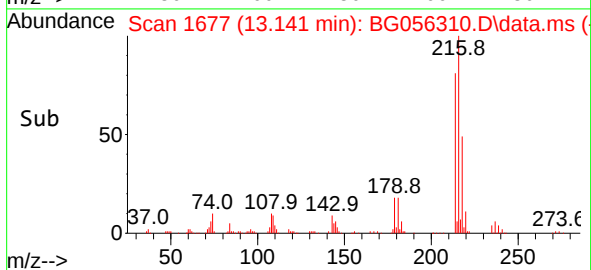
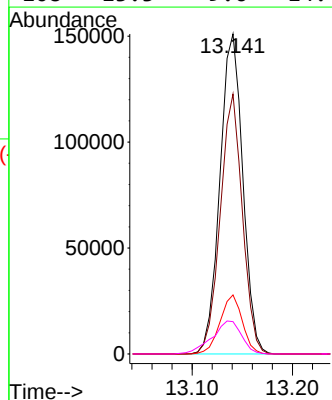
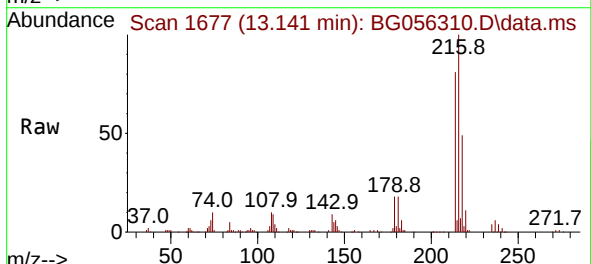
Instrument :
BNA_G
ClientSampleId :
PB150221BS

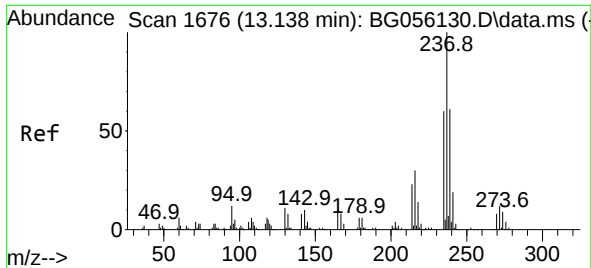
Tgt Ion:164 Resp: 127997
Ion Ratio Lower Upper
164 100
162 104.6 84.7 127.1
160 45.6 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.763 ng
RT: 13.141 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:216 Resp: 238727
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.0
179 17.9 13.6 20.4
108 13.3 9.6 14.4

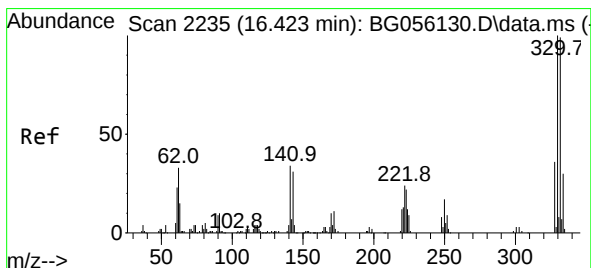
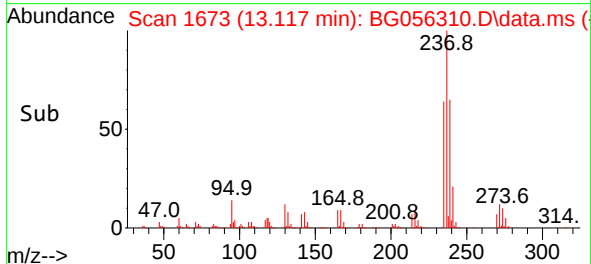
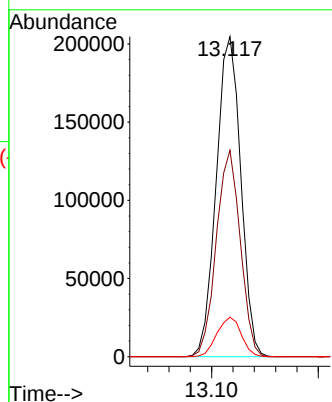
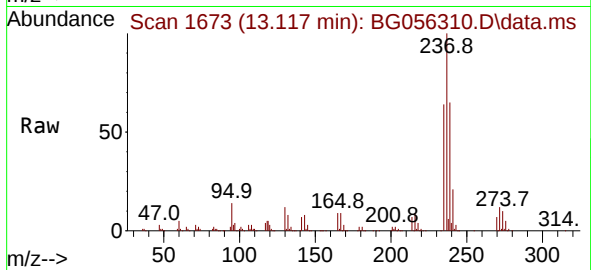




#41
Hexachlorocyclopentadiene
Concen: 119.409 ng
RT: 13.117 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

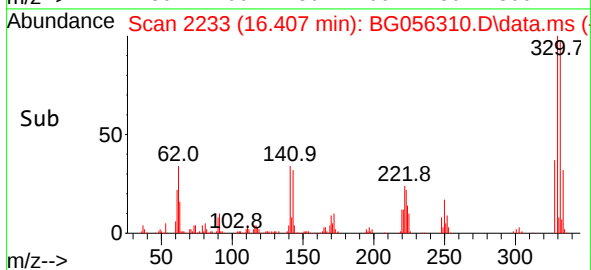
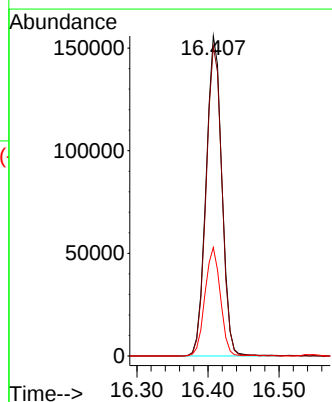
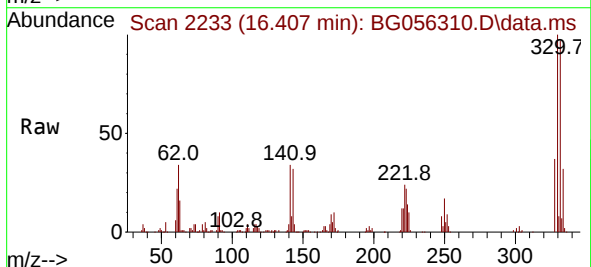
Instrument :
BNA_G
ClientSampleId :
PB150221BS

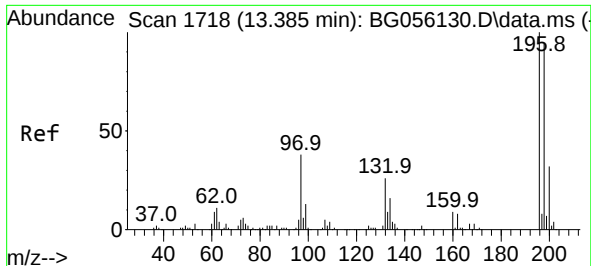
Tgt Ion:237 Resp: 326591
Ion Ratio Lower Upper
237 100
235 64.5 40.3 80.3
272 12.4 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 148.317 ng
RT: 16.407 min Scan# 2233
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:330 Resp: 240431
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 33.1 27.9 41.9

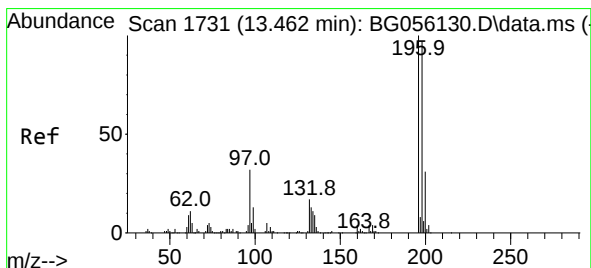
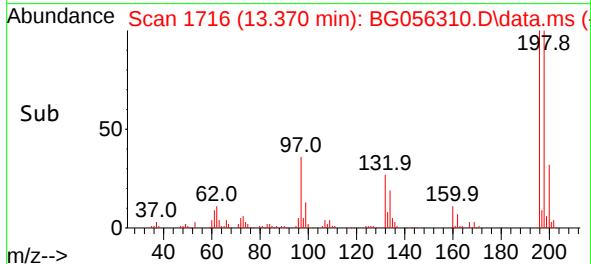
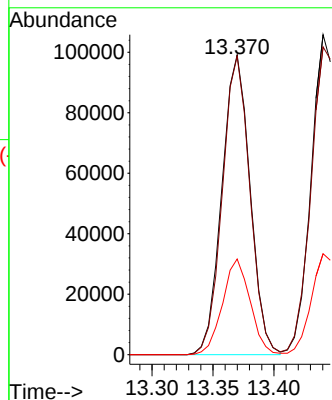
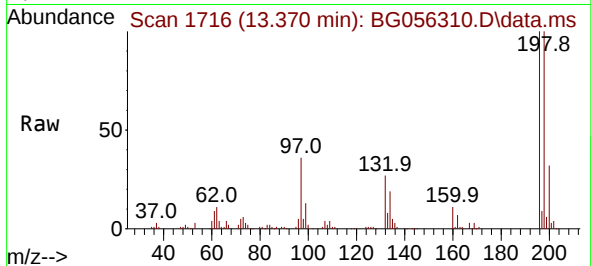




#43
2,4,6-Trichlorophenol
Concen: 50.188 ng
RT: 13.370 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

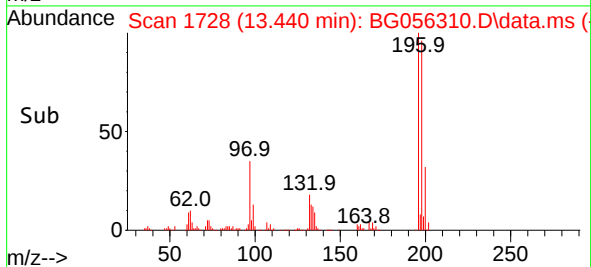
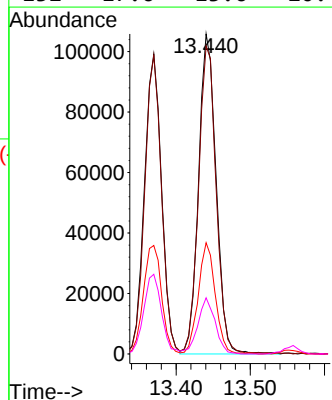
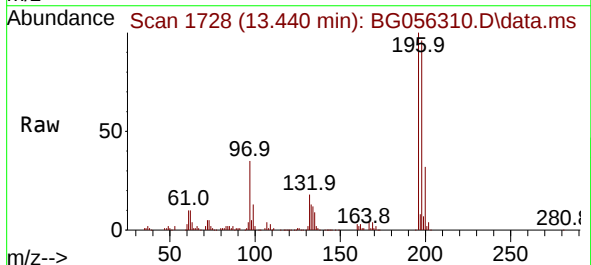
Instrument :
BNA_G
ClientSampleId :
PB150221BS

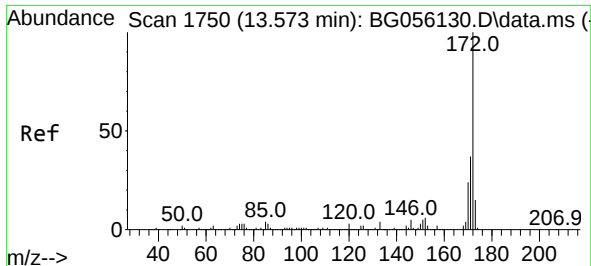
Tgt Ion:196 Resp: 159205
Ion Ratio Lower Upper
196 100
198 99.5 75.5 113.3
200 31.9 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 46.305 ng
RT: 13.440 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:196 Resp: 173760
Ion Ratio Lower Upper
196 100
198 96.2 78.0 117.0
97 34.7 25.7 38.5
132 17.6 13.6 20.4

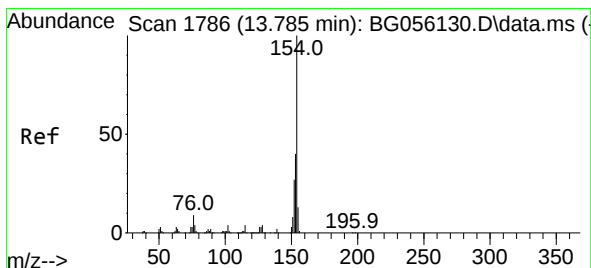
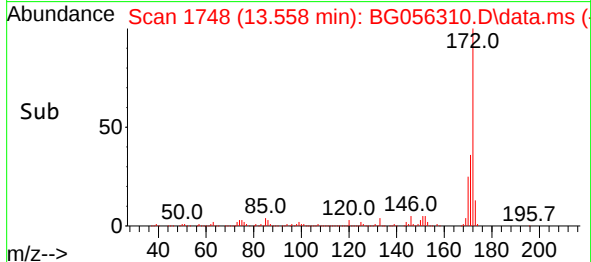
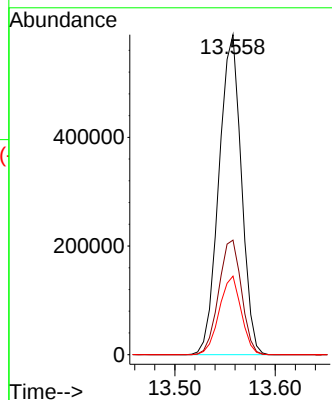
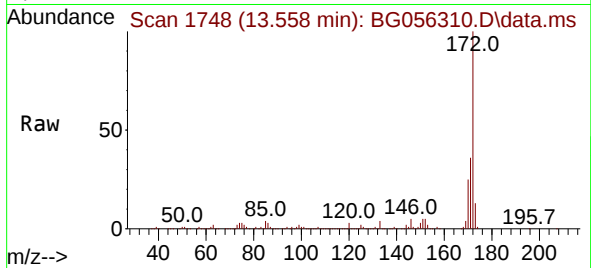




#45
2-Fluorobiphenyl
Concen: 98.393 ng
RT: 13.558 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

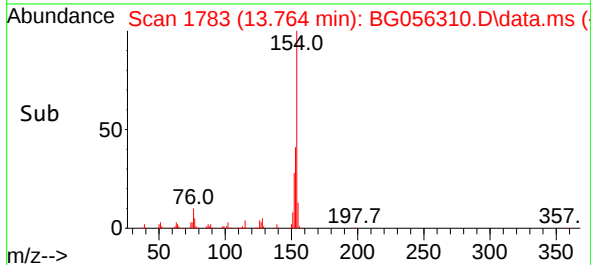
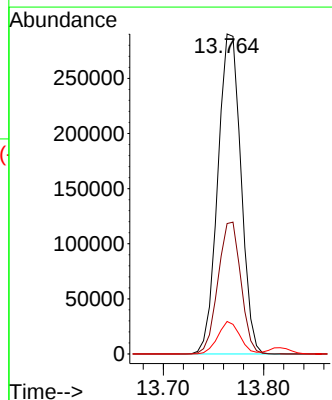
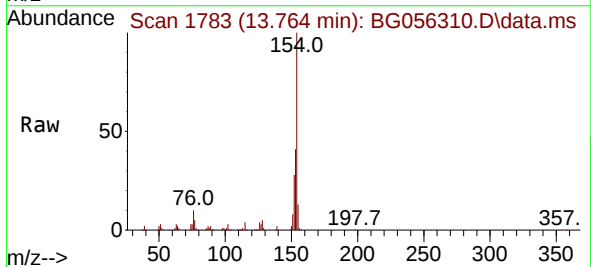
Instrument :
BNA_G
ClientSampleId :
PB150221BS

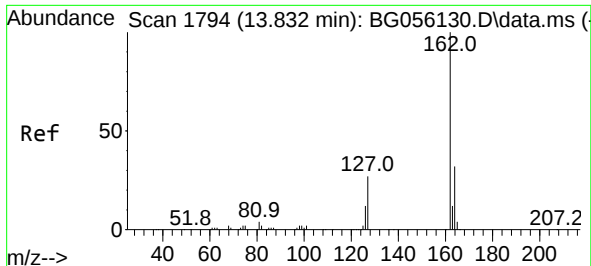
Tgt Ion:172 Resp: 912020
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.5 19.4 29.2



#46
1,1'-Biphenyl
Concen: 50.524 ng
RT: 13.764 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:154 Resp: 463138
Ion Ratio Lower Upper
154 100
153 40.8 20.0 60.0
76 10.1 0.0 29.3

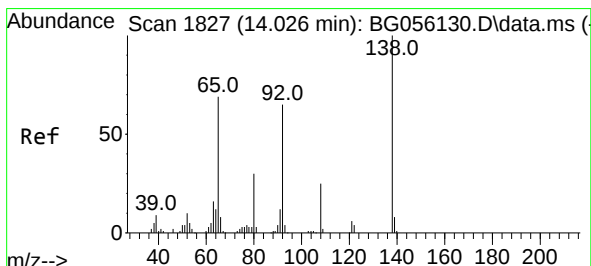
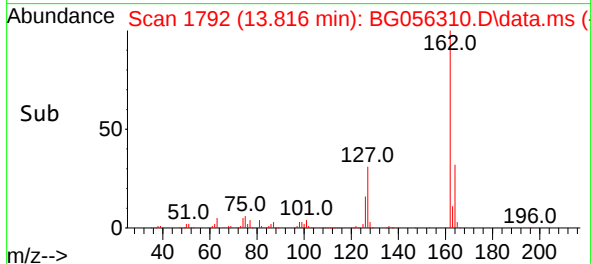
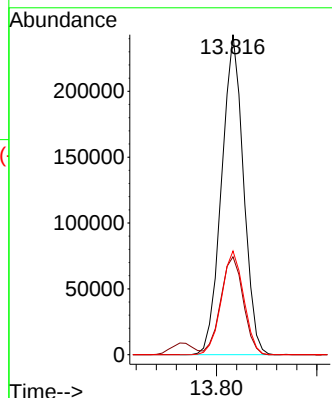
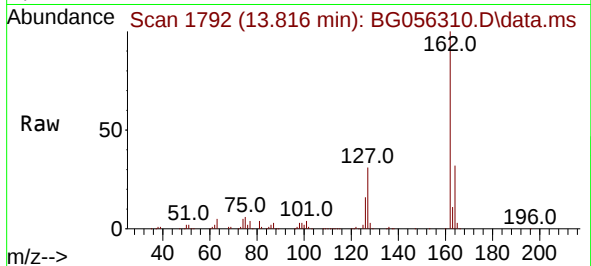




#47
2-Chloronaphthalene
Concen: 50.647 ng
RT: 13.816 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

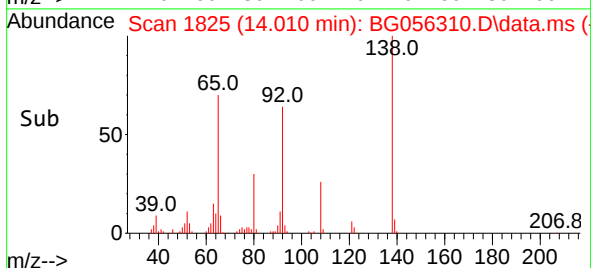
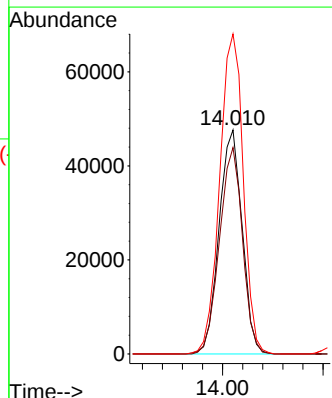
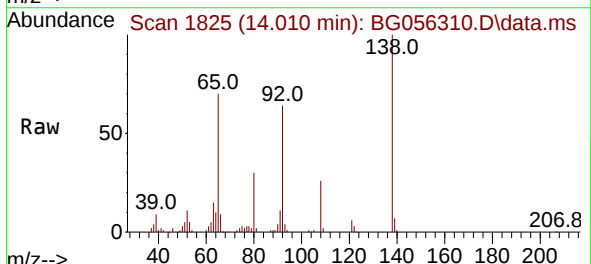
Instrument :
BNA_G
ClientSampleId :
PB150221BS

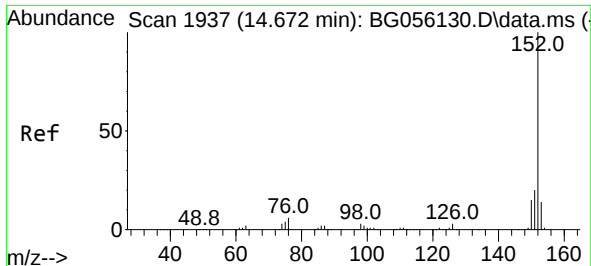
Tgt Ion:162 Resp: 366454
Ion Ratio Lower Upper
162 100
127 30.6 24.6 36.8
164 32.4 25.8 38.8



#48
2-Nitroaniline
Concen: 49.228 ng
RT: 14.010 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion: 65 Resp: 75890
Ion Ratio Lower Upper
65 100
92 92.2 76.0 114.0
138 142.9 116.6 174.8

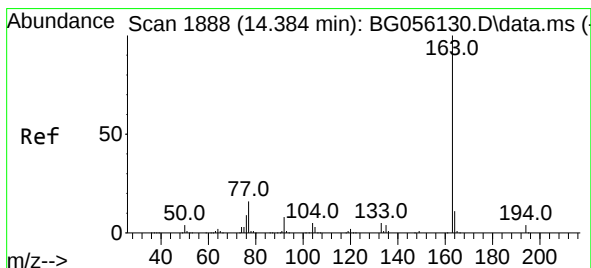
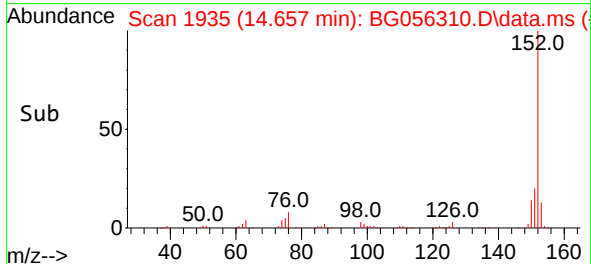
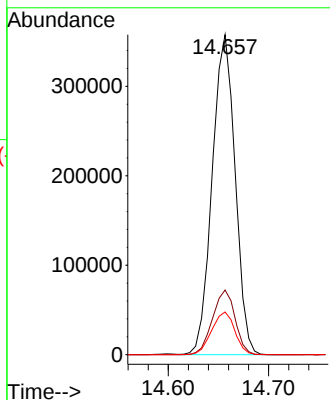
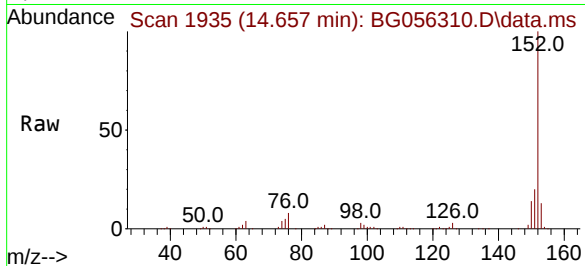




#49
Acenaphthylene
Concen: 48.179 ng
RT: 14.657 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

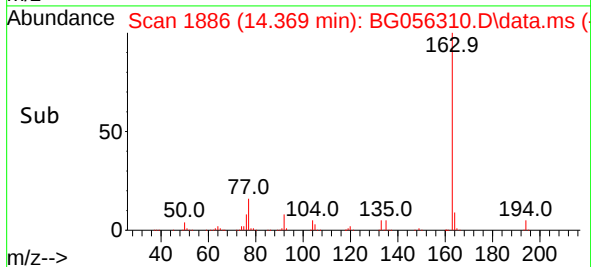
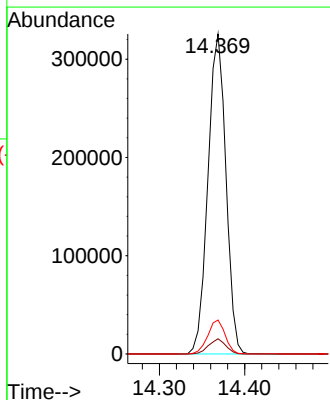
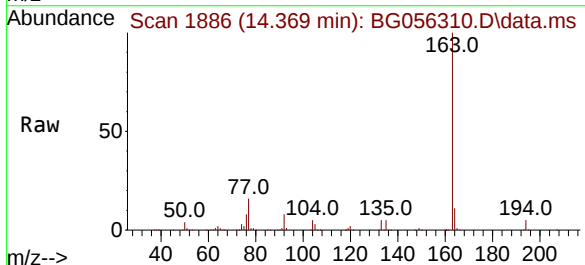
Instrument :
BNA_G
ClientSampleId :
PB150221BS

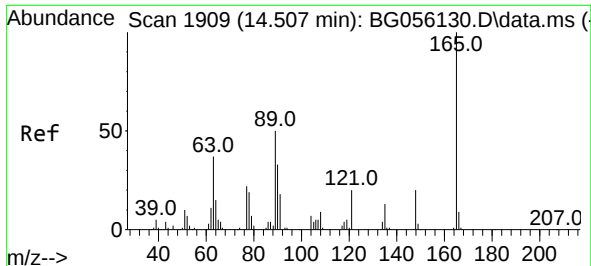
Tgt Ion:152 Resp: 567285
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.4 11.0 16.6



#50
Dimethylphthalate
Concen: 46.089 ng
RT: 14.369 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:163 Resp: 476222
Ion Ratio Lower Upper
163 100
194 4.8 3.5 5.3
164 10.6 8.7 13.1

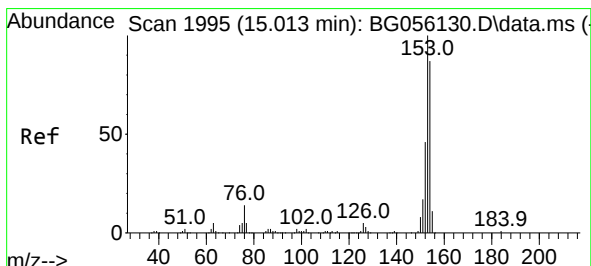
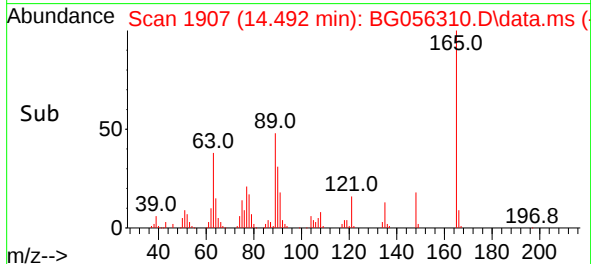
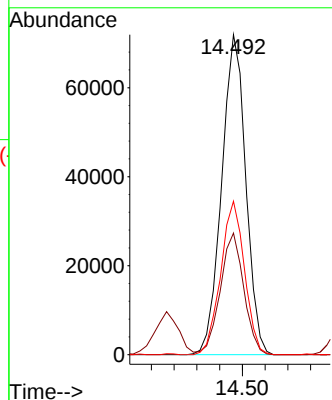
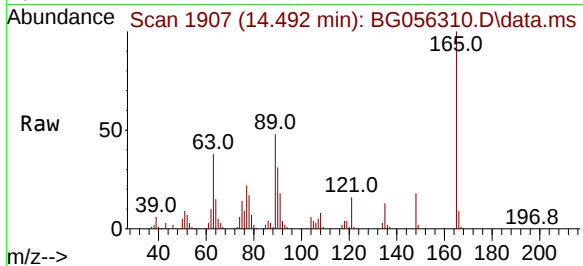




#51
2,6-Dinitrotoluene
Concen: 48.045 ng
RT: 14.492 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

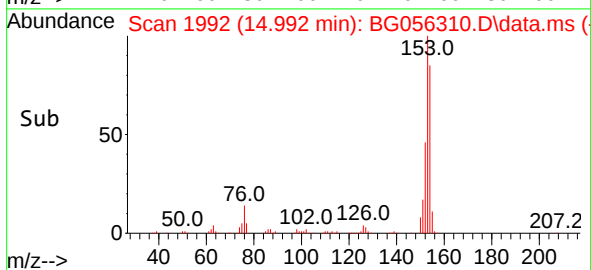
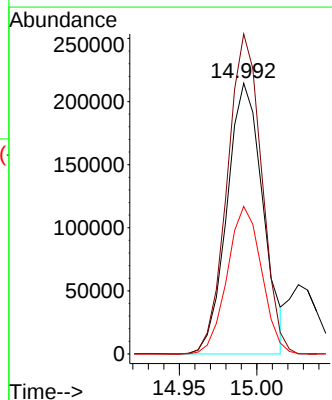
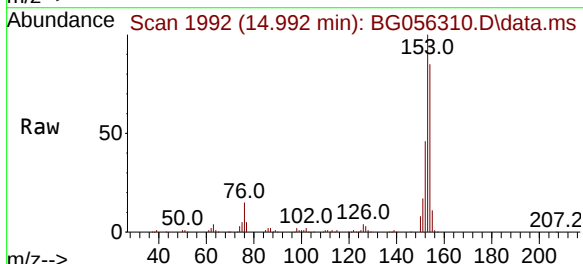
Instrument :
BNA_G
ClientSampleId :
PB150221BS

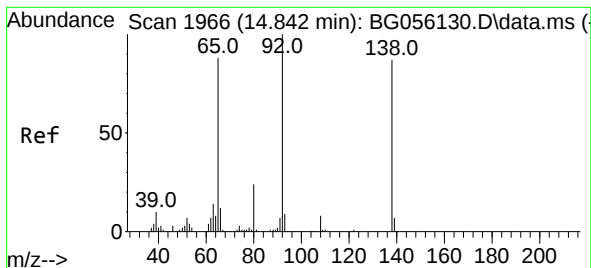
Tgt Ion:165 Resp: 105780
Ion Ratio Lower Upper
165 100
63 38.0 32.2 48.2
89 48.0 39.8 59.8



#52
Acenaphthene
Concen: 45.086 ng
RT: 14.992 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:154 Resp: 345270
Ion Ratio Lower Upper
154 100
153 118.2 92.0 138.0
152 54.5 42.5 63.7

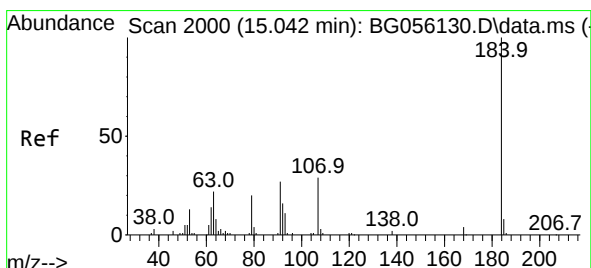
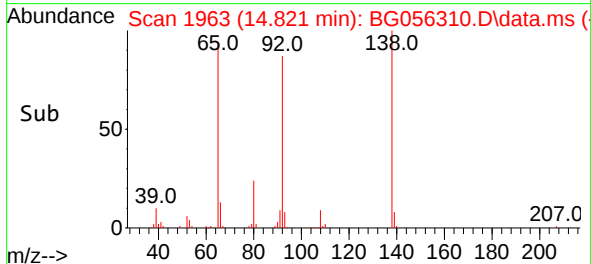
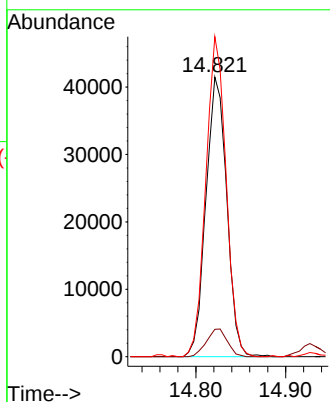
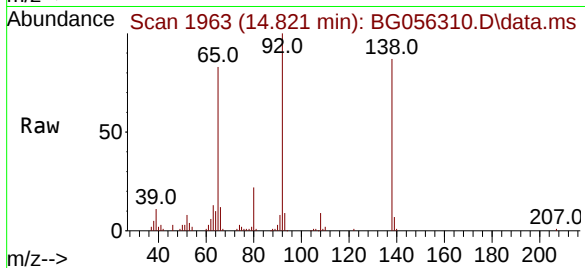




#53
3-Nitroaniline
Concen: 31.935 ng
RT: 14.821 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

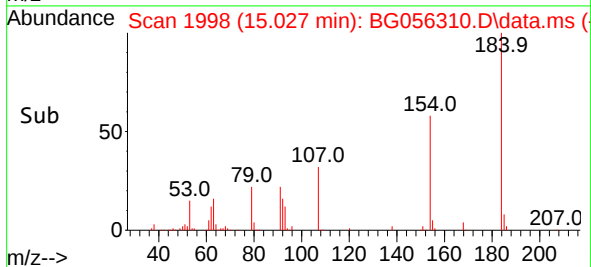
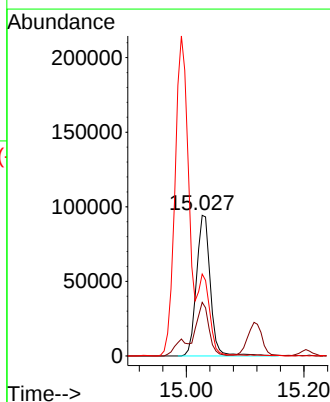
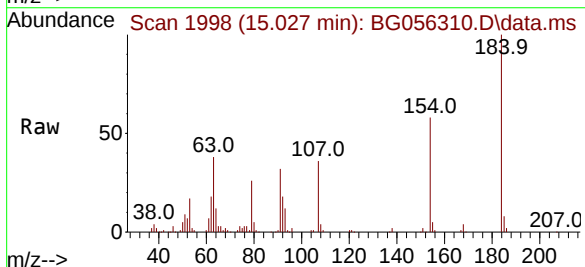
Instrument :
BNA_G
ClientSampleId :
PB150221BS

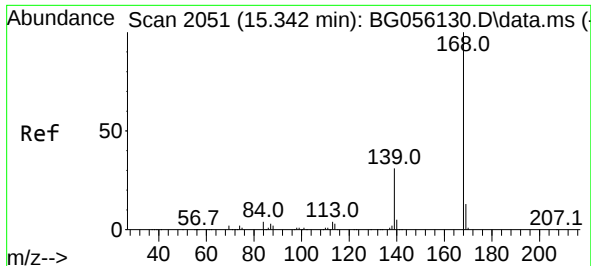
Tgt Ion:138 Resp: 66916
Ion Ratio Lower Upper
138 100
108 9.8 7.6 11.4
92 114.4 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 98.322 ng
RT: 15.027 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:184 Resp: 154648
Ion Ratio Lower Upper
184 100
63 38.1 24.0 36.0#
154 58.3 45.4 68.0

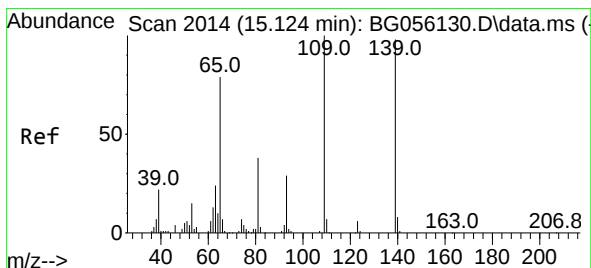
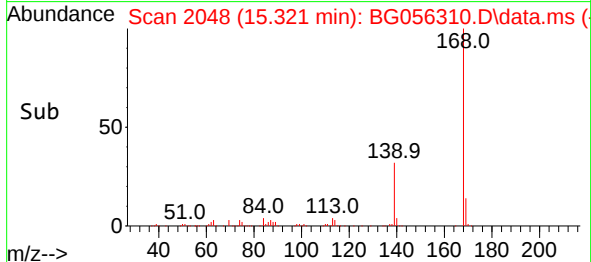
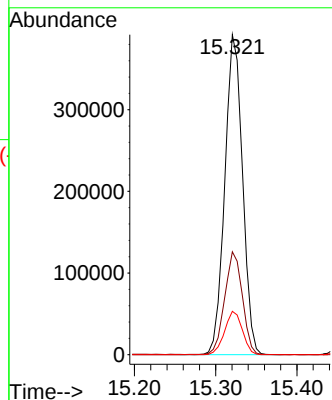
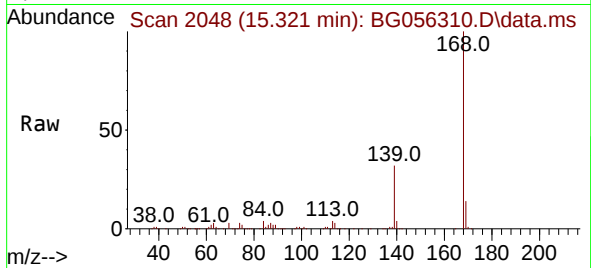




#55
Dibenzofuran
Concen: 46.874 ng
RT: 15.321 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

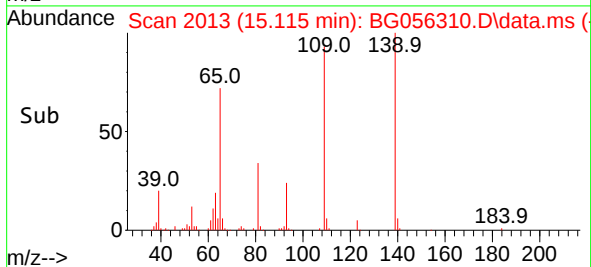
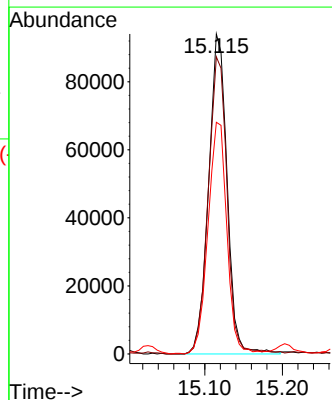
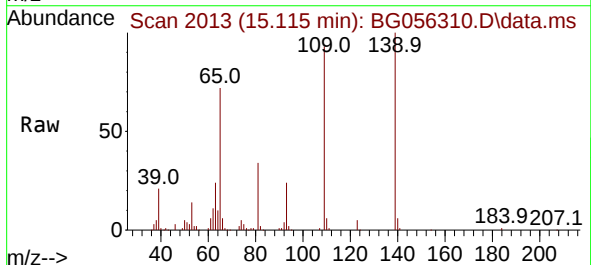
Instrument :
BNA_G
ClientSampleId :
PB150221BS

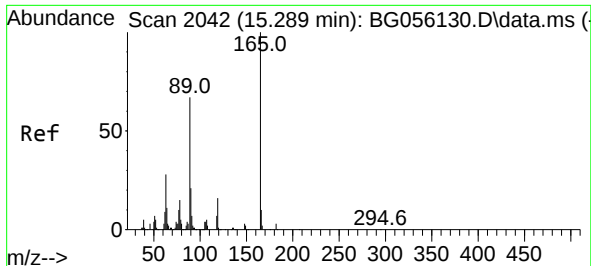
Tgt Ion:168 Resp: 594012
Ion Ratio Lower Upper
168 100
139 32.2 24.7 37.1
169 13.5 10.3 15.5



#56
4-Nitrophenol
Concen: 96.730 ng
RT: 15.115 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:139 Resp: 155884
Ion Ratio Lower Upper
139 100
109 92.8 82.2 122.2
65 72.4 60.6 100.6





#57

2,4-Dinitrotoluene

Concen: 47.971 ng

RT: 15.274 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB150221BS

Tgt Ion:165 Resp: 147708

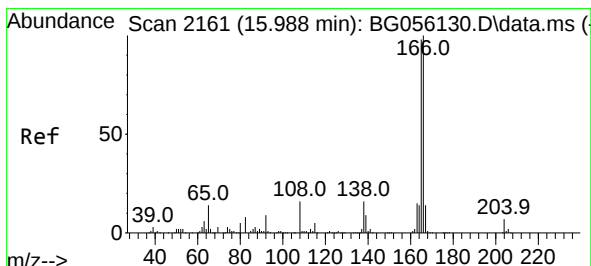
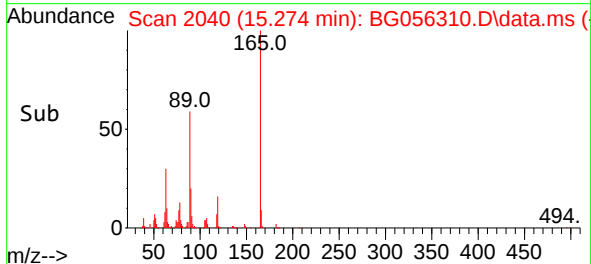
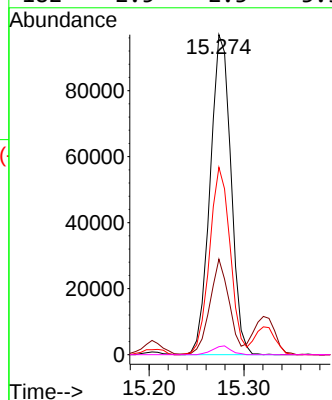
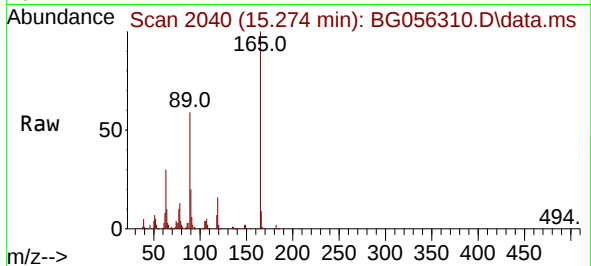
Ion Ratio Lower Upper

165 100

63 29.8 22.6 34.0

89 58.5 53.2 79.8

182 2.5 2.3 3.5



#58

Fluorene

Concen: 46.790 ng

RT: 15.967 min Scan# 2158

Delta R.T. 0.000 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

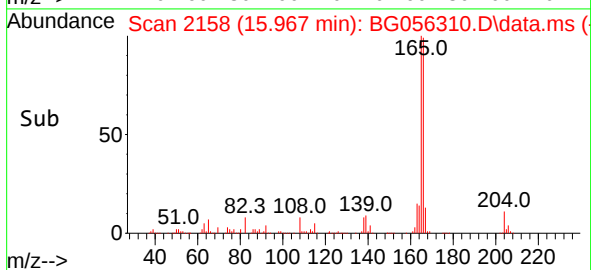
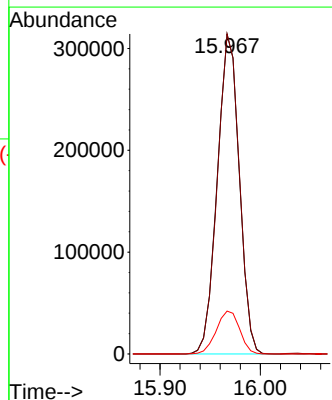
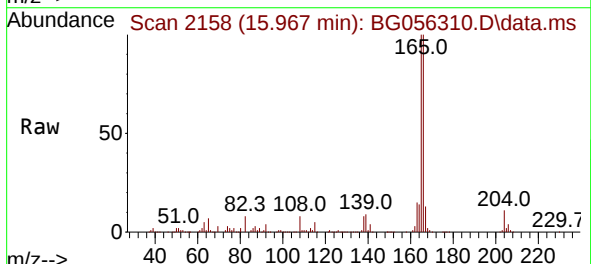
Tgt Ion:166 Resp: 476918

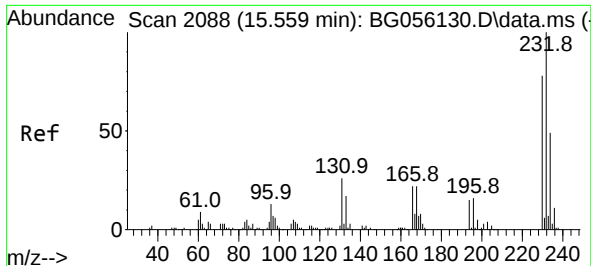
Ion Ratio Lower Upper

166 100

165 100.1 78.6 118.0

167 13.4 11.1 16.7

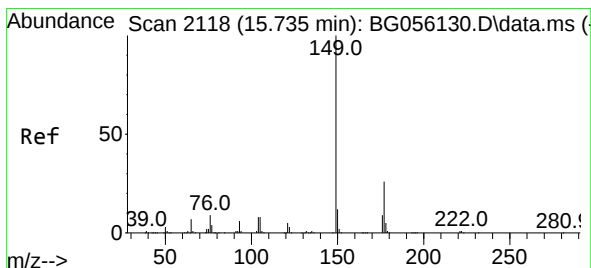
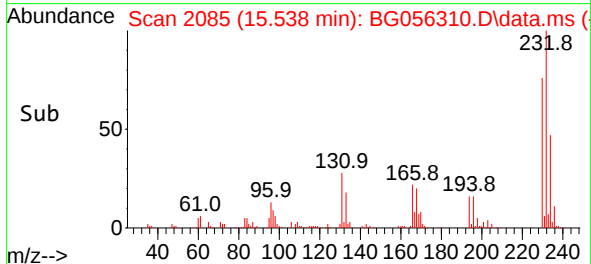
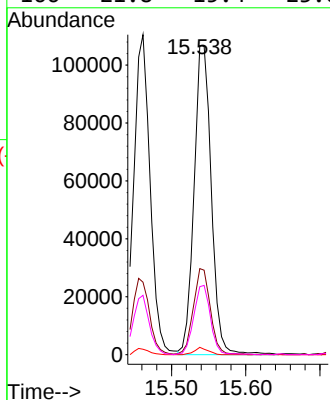
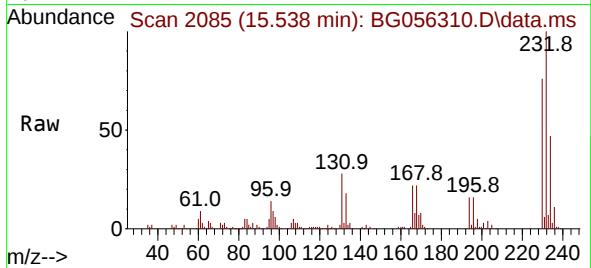




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.060 ng
RT: 15.538 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

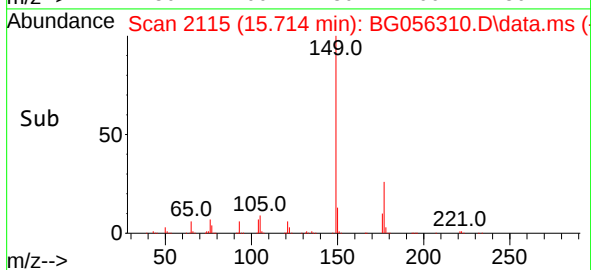
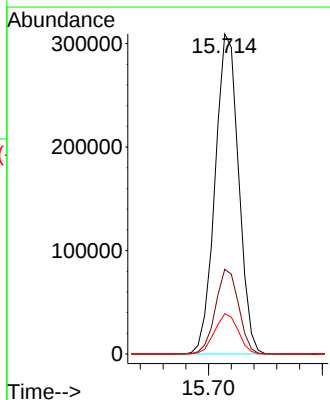
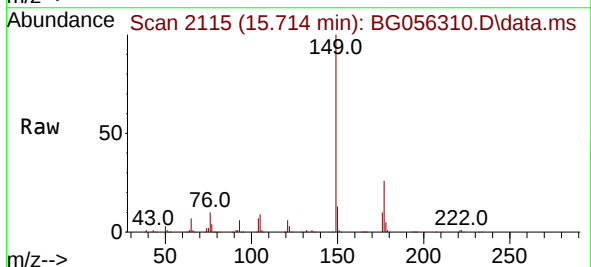
Instrument :
BNA_G
ClientSampleId :
PB150221BS

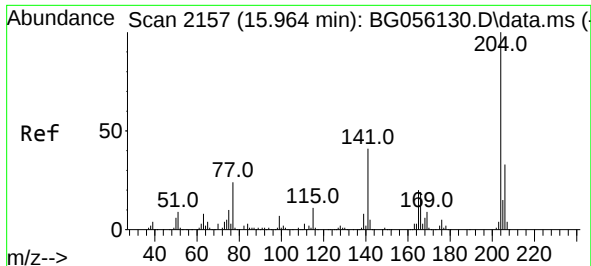
Tgt Ion:232 Resp: 172857
Ion Ratio Lower Upper
232 100
131 27.5 21.4 32.2
130 1.9 1.4 2.0
166 21.8 15.4 23.0



#60
Diethylphthalate
Concen: 45.915 ng
RT: 15.714 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:149 Resp: 444922
Ion Ratio Lower Upper
149 100
177 26.5 20.6 31.0
150 12.6 9.9 14.9

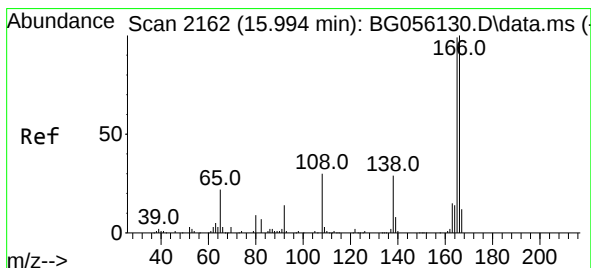
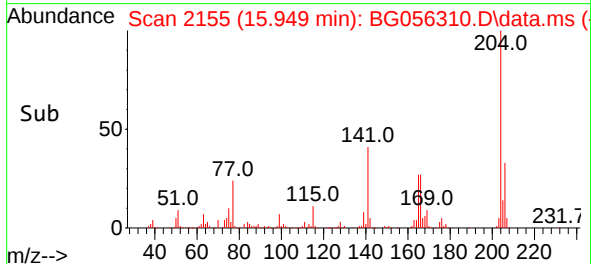
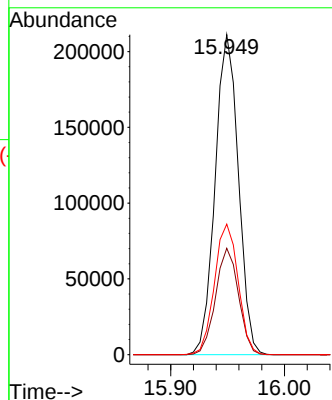
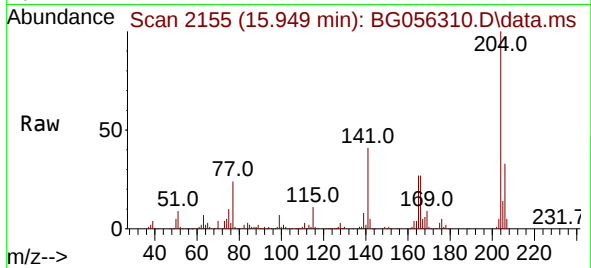




#61
4-Chlorophenyl-phenylether
Concen: 47.132 ng
RT: 15.949 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

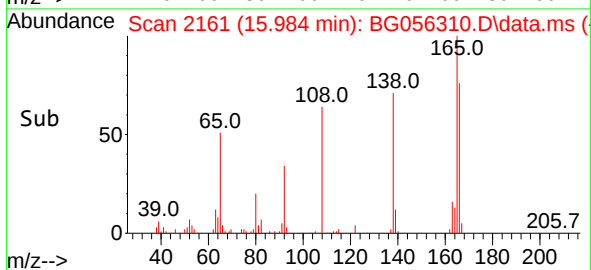
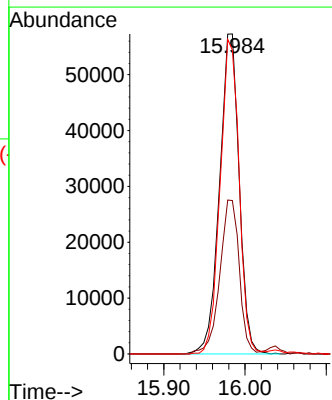
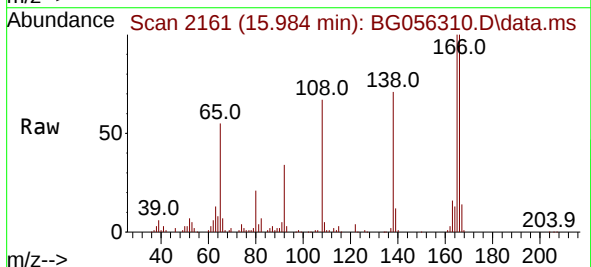
Instrument :
BNA_G
ClientSampleId :
PB150221BS

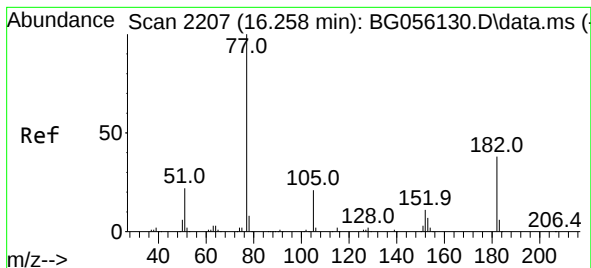
Tgt Ion:204 Resp: 299800
Ion Ratio Lower Upper
204 100
206 33.3 26.4 39.6
141 40.8 33.0 49.4



#62
4-Nitroaniline
Concen: 44.924 ng
RT: 15.984 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:138 Resp: 96424
Ion Ratio Lower Upper
138 100
92 48.0 28.6 68.6
108 95.0 83.4 123.4





#63

Azobenzene

Concen: 45.319 ng

RT: 16.243 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB150221BS

Tgt Ion: 77 Resp: 338881

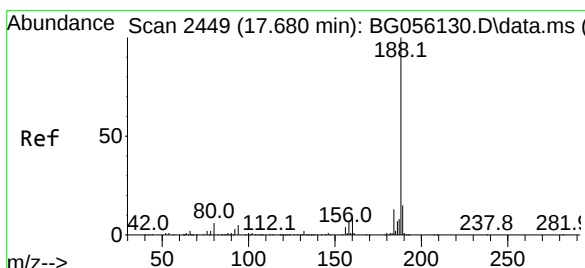
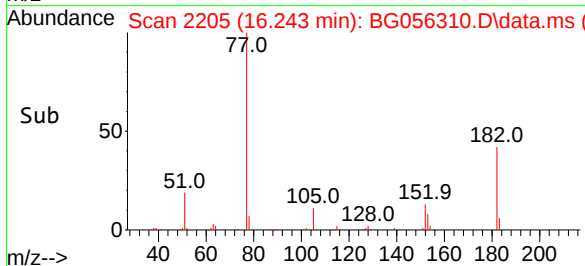
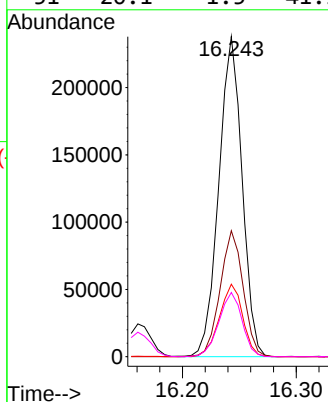
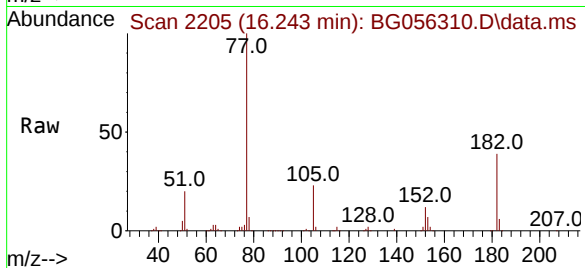
Ion Ratio Lower Upper

77 100

182 39.4 18.5 58.5

105 22.7 1.4 41.4

51 20.1 1.5 41.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.665 min Scan# 2447

Delta R.T. 0.000 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

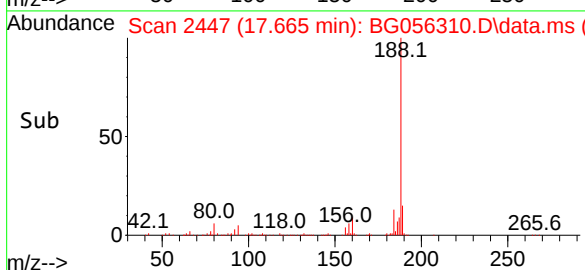
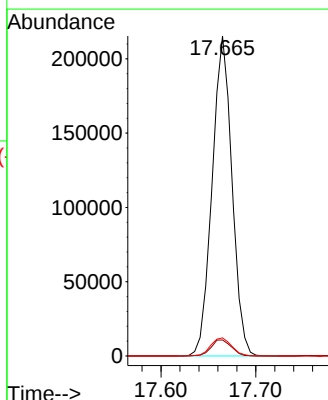
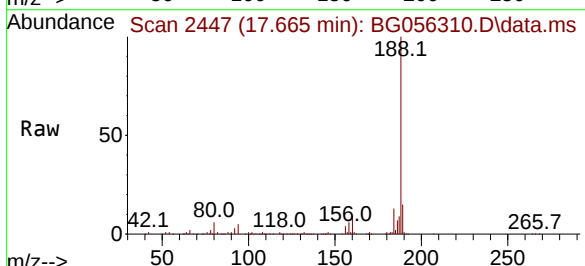
Tgt Ion: 188 Resp: 313395

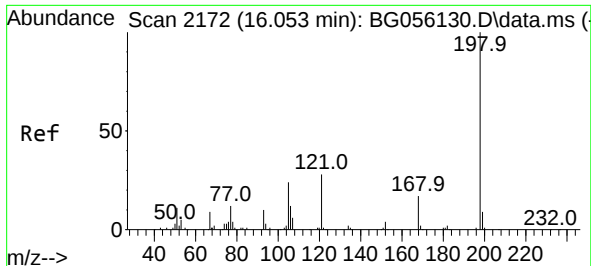
Ion Ratio Lower Upper

188 100

94 5.0 4.2 6.2

80 5.7 5.0 7.4

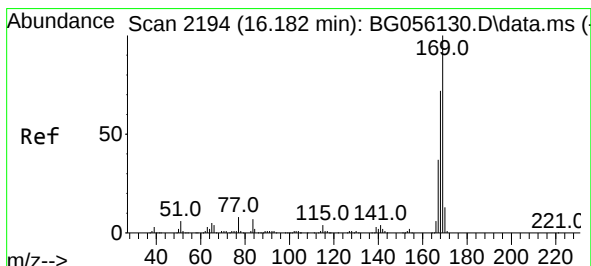
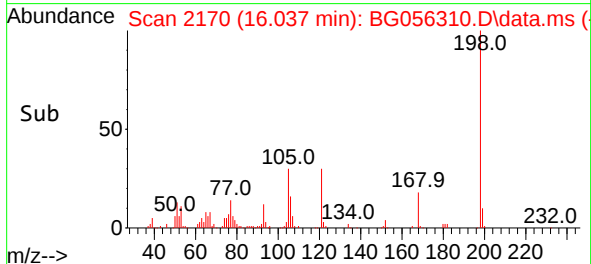
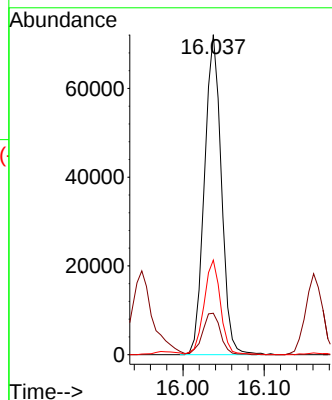
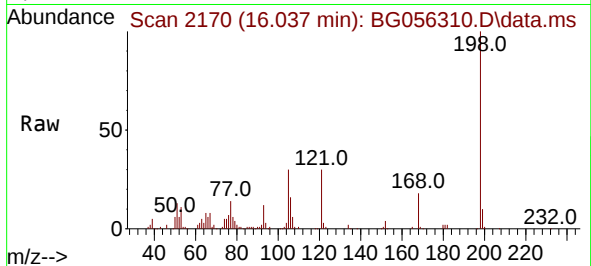




#65
4,6-Dinitro-2-methylphenol
Concen: 49.152 ng
RT: 16.037 min Scan# 2170
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

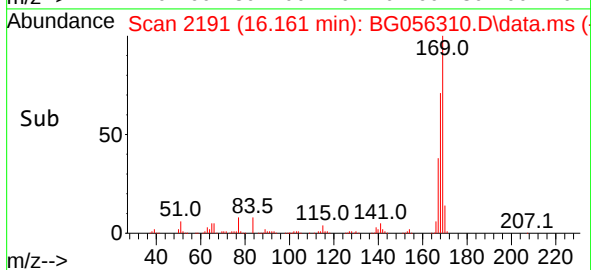
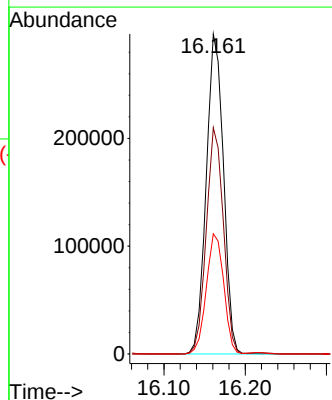
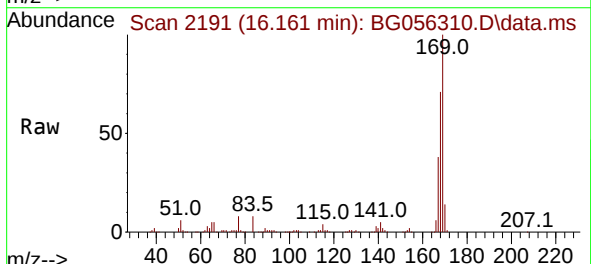
Instrument :
BNA_G
ClientSampleId :
PB150221BS

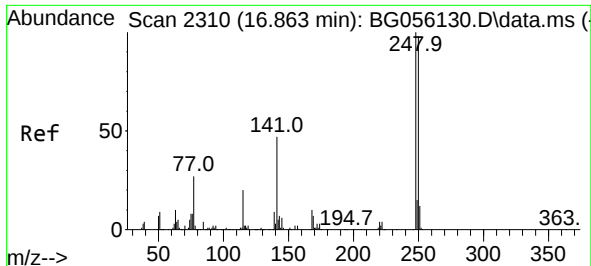
Tgt Ion:198 Resp: 103783
Ion Ratio Lower Upper
198 100
51 13.0 0.0 33.2
105 29.5 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 50.135 ng
RT: 16.161 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:169 Resp: 435937
Ion Ratio Lower Upper
169 100
168 70.7 58.0 87.0
167 37.5 30.0 45.0

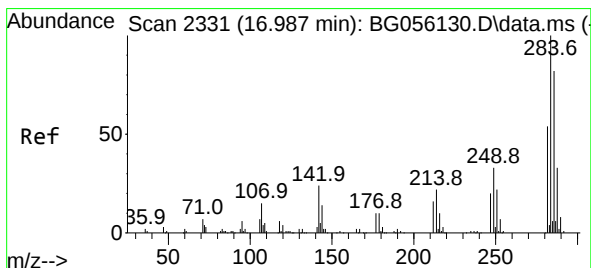
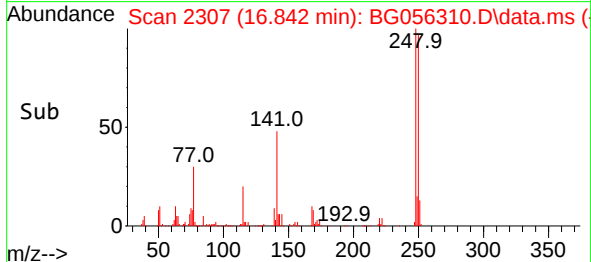
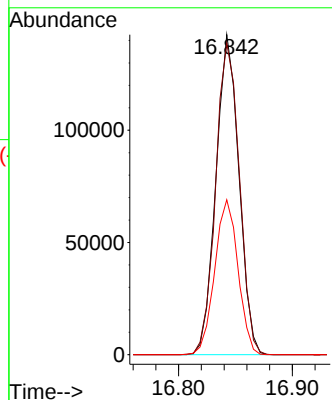
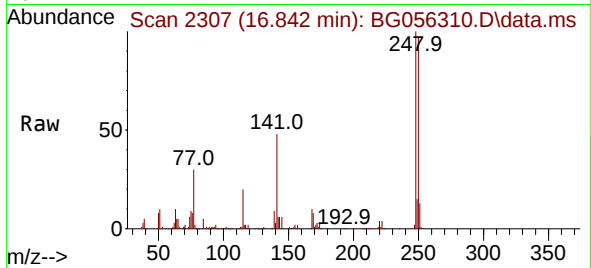




#67
4-Bromophenyl-phenylether
Concen: 50.178 ng
RT: 16.842 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

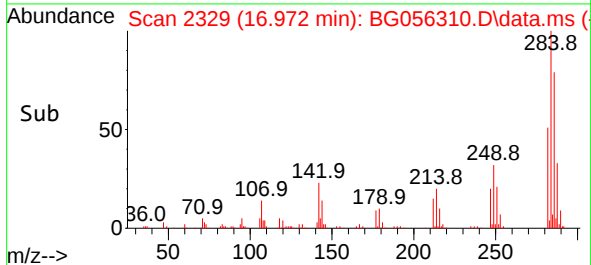
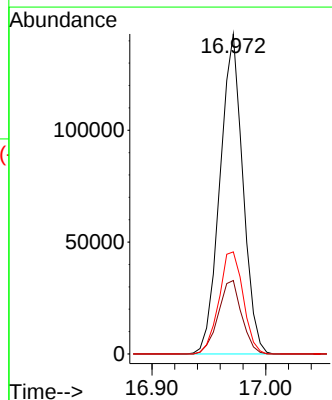
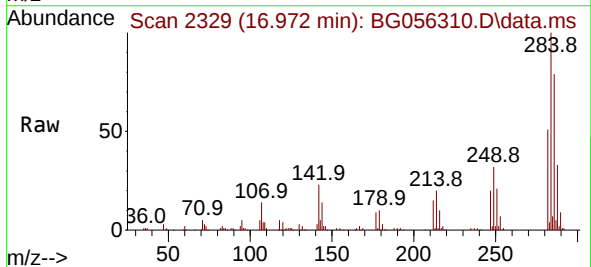
Instrument :
BNA_G
ClientSampleId :
PB150221BS

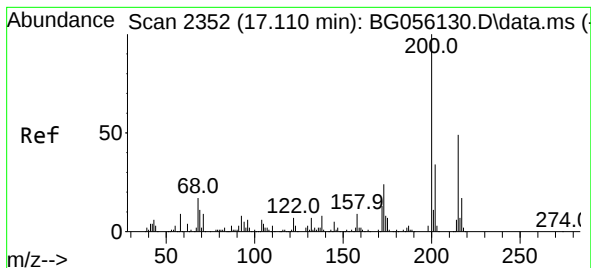
Tgt Ion:248 Resp: 200248
Ion Ratio Lower Upper
248 100
250 97.4 78.2 117.4
141 48.4 37.6 56.4



#68
Hexachlorobenzene
Concen: 53.712 ng
RT: 16.972 min Scan# 2329
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:284 Resp: 199985
Ion Ratio Lower Upper
284 100
142 22.9 19.0 28.6
249 31.9 26.6 39.8





#69

Atrazine

Concen: 51.366 ng

RT: 17.095 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB150221BS

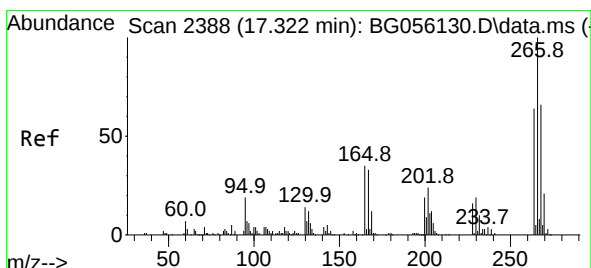
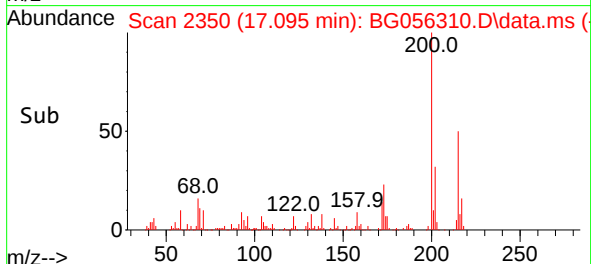
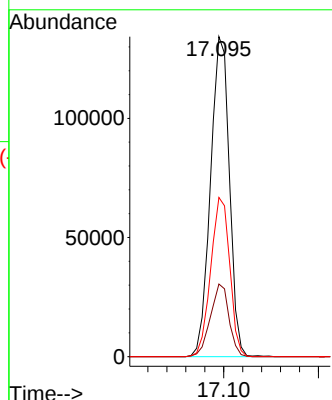
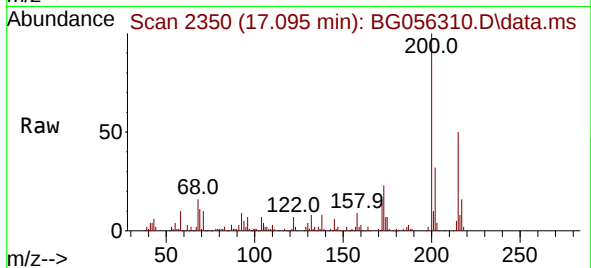
Tgt Ion:200 Resp: 185107

Ion Ratio Lower Upper

200 100

173 22.7 4.0 44.0

215 49.8 29.1 69.1



#70

Pentachlorophenol

Concen: 91.178 ng

RT: 17.312 min Scan# 2387

Delta R.T. 0.006 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

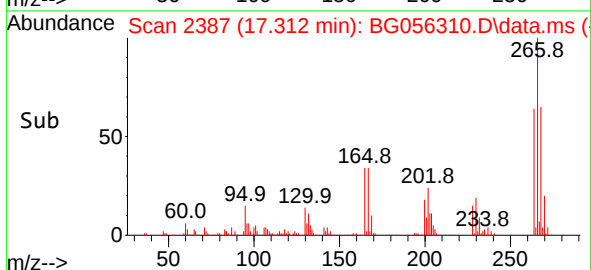
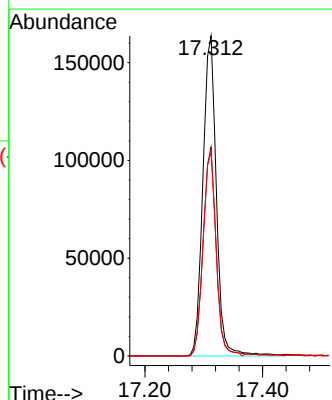
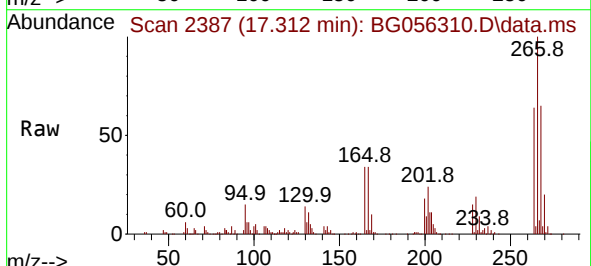
Tgt Ion:266 Resp: 260779

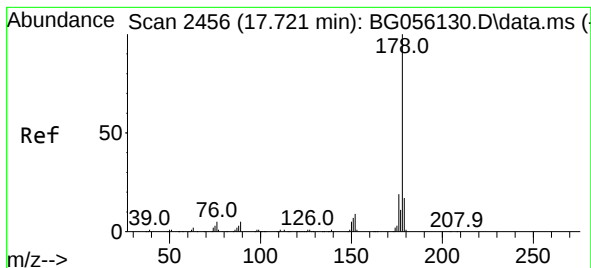
Ion Ratio Lower Upper

266 100

268 65.2 53.0 79.4

264 63.8 51.4 77.2





#71

Phenanthrene

Concen: 50.113 ng

RT: 17.706 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB150221BS

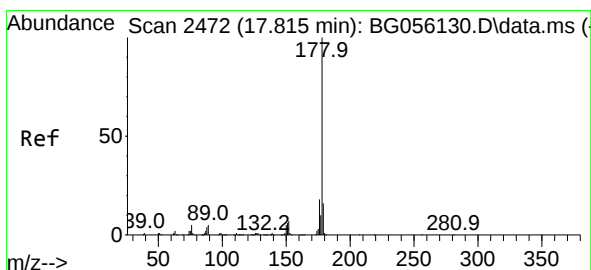
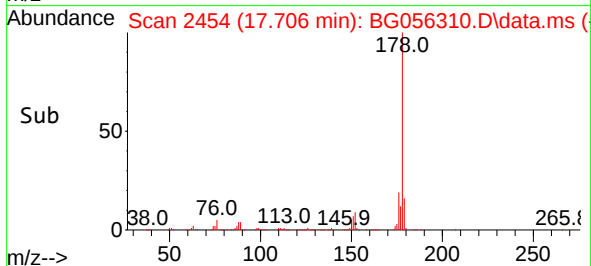
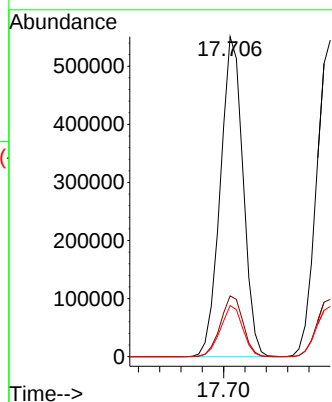
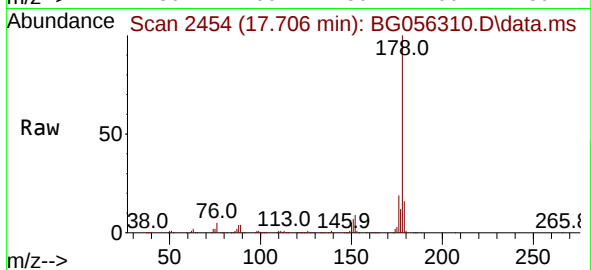
Tgt Ion:178 Resp: 813888

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.9 13.6 20.4



#72

Anthracene

Concen: 49.262 ng

RT: 17.800 min Scan# 2470

Delta R.T. 0.000 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

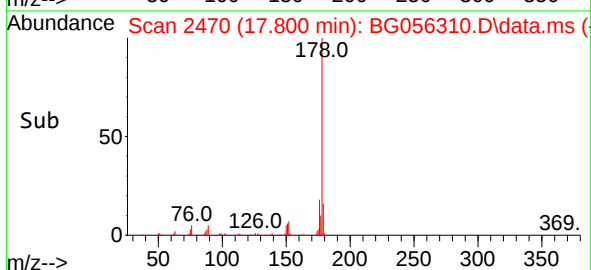
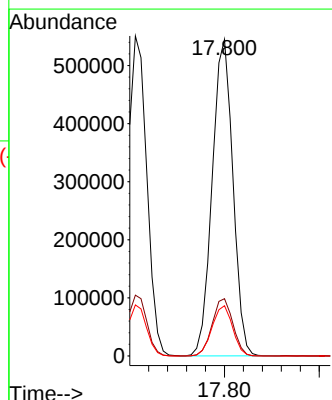
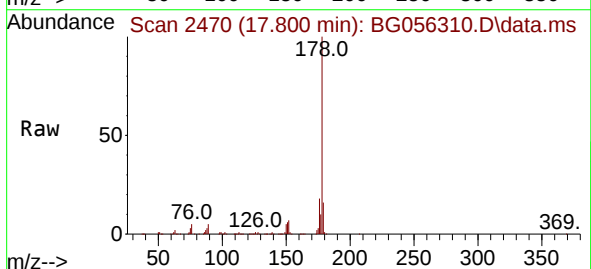
Tgt Ion:178 Resp: 825326

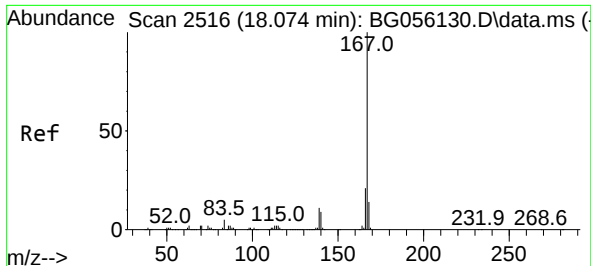
Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

179 15.9 12.7 19.1

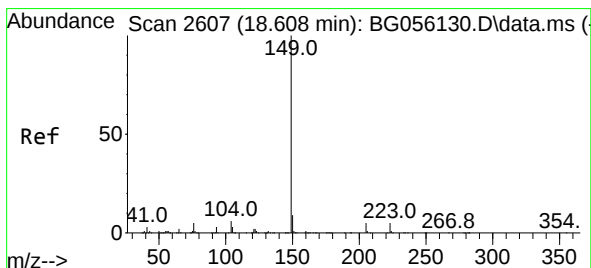
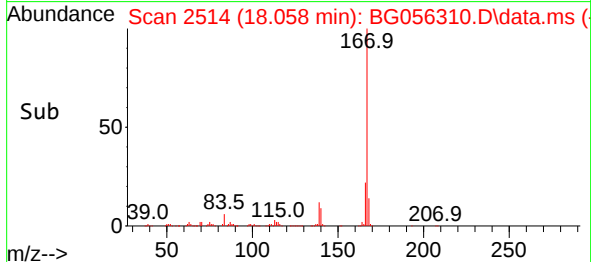
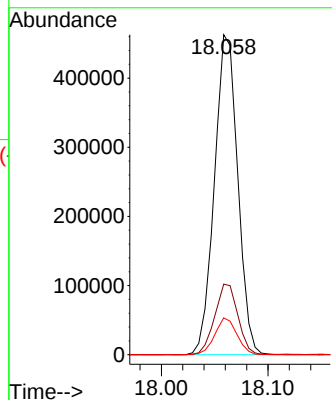
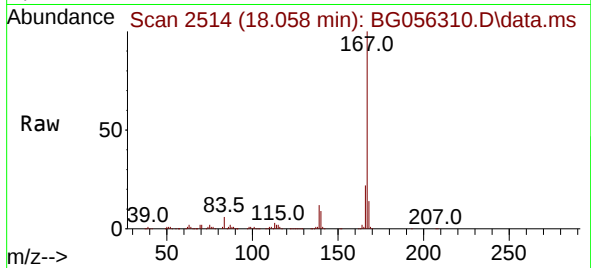




#73
Carbazole
Concen: 49.939 ng
RT: 18.058 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

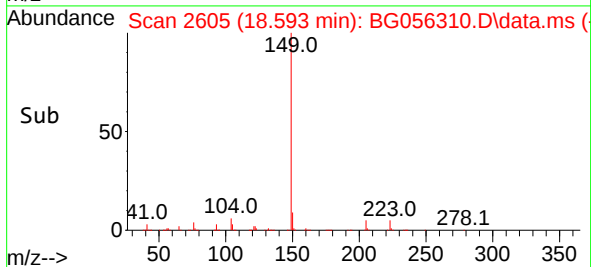
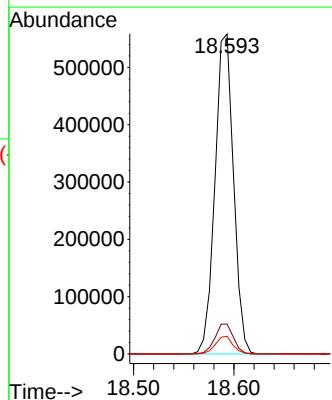
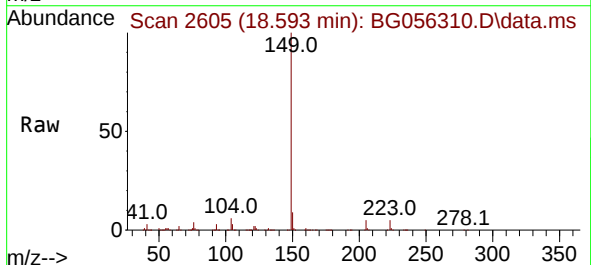
Instrument :
BNA_G
ClientSampleId :
PB150221BS

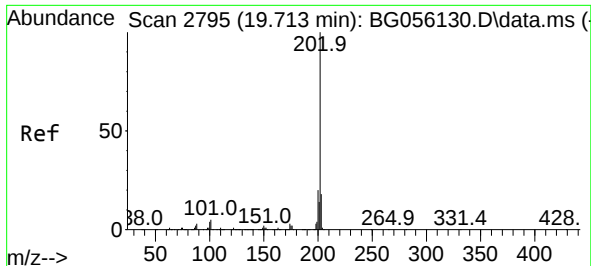
Tgt Ion:167 Resp: 703280
Ion Ratio Lower Upper
167 100
166 22.0 16.8 25.2
139 11.5 8.9 13.3



#74
Di-n-butylphthalate
Concen: 51.042 ng
RT: 18.593 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:149 Resp: 716540
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.5 4.4 6.6

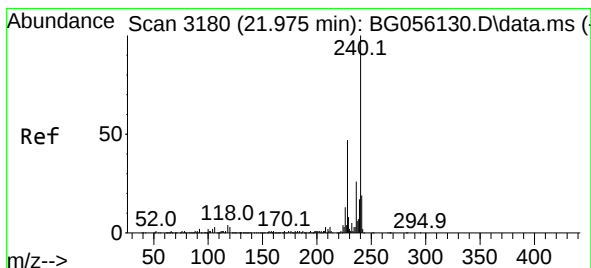
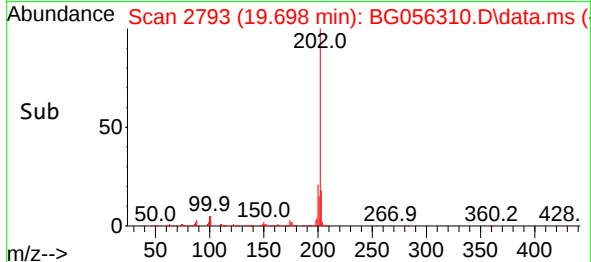
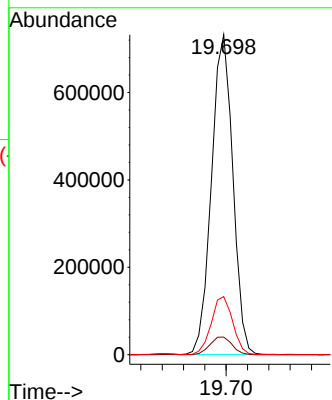
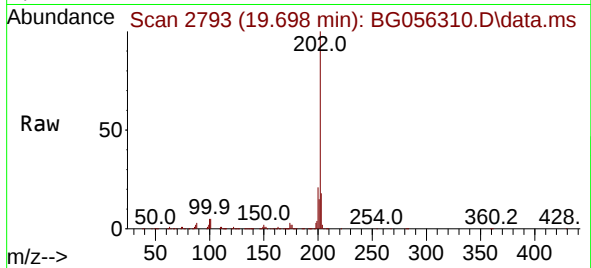




#75
Fluoranthene
Concen: 47.930 ng
RT: 19.698 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

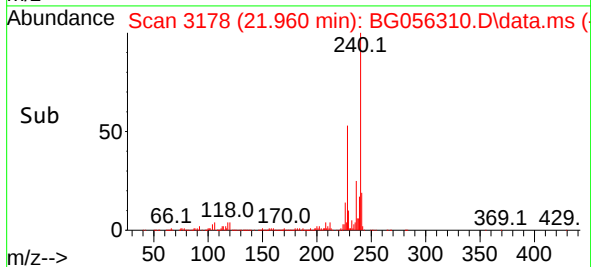
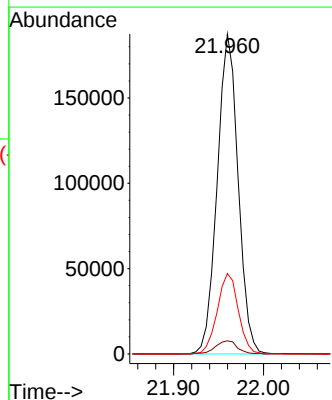
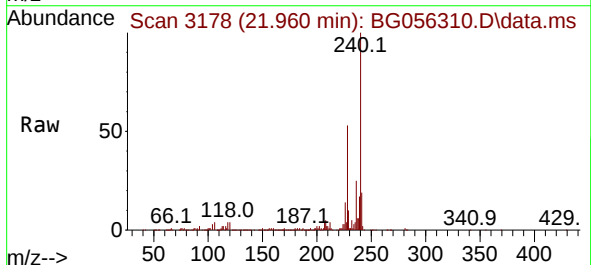
Instrument :
BNA_G
ClientSampleId :
PB150221BS

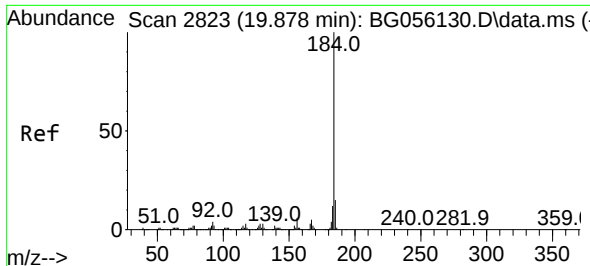
Tgt Ion:202 Resp: 1015414
Ion Ratio Lower Upper
202 100
101 5.5 0.0 25.0
203 18.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.960 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:240 Resp: 302959
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 25.2 20.8 31.2

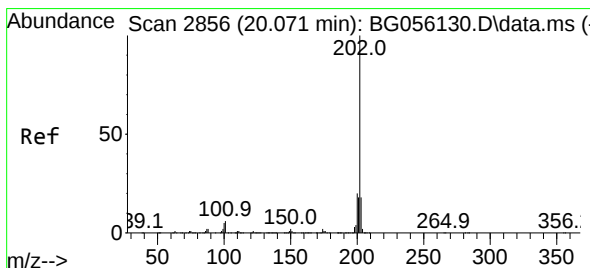
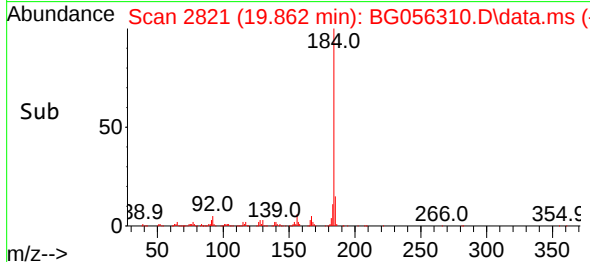
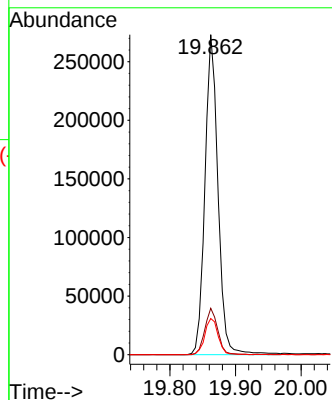
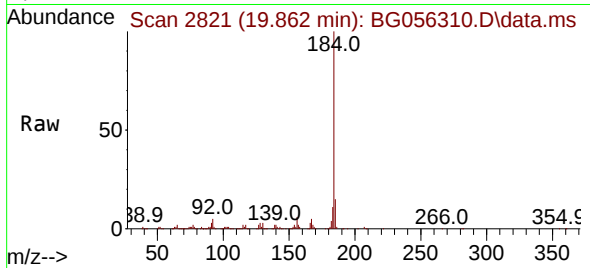




#77
Benzidine
Concen: 35.658 ng
RT: 19.862 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

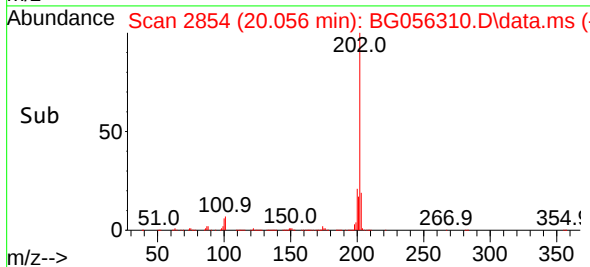
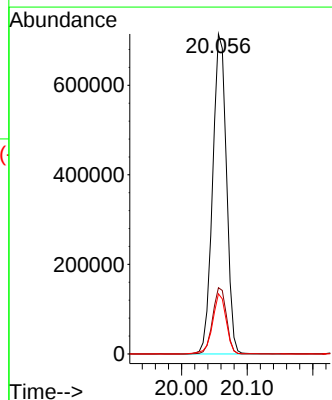
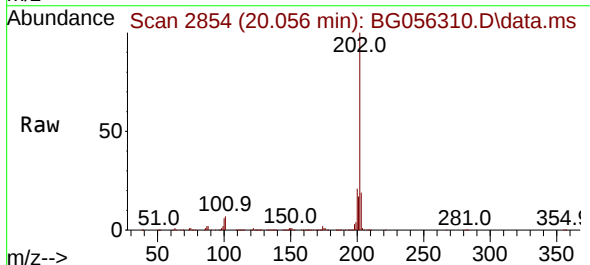
Instrument :
BNA_G
ClientSampleId :
PB150221BS

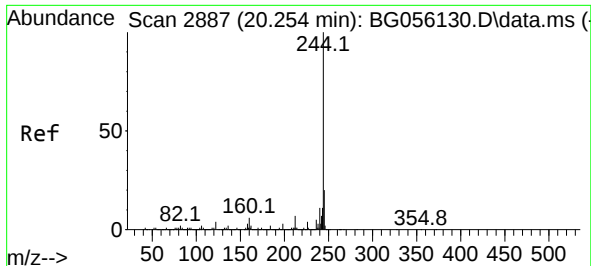
Tgt Ion:184 Resp: 378578
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 11.3 9.4 14.0



#78
Pyrene
Concen: 48.902 ng
RT: 20.056 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:202 Resp: 1044248
Ion Ratio Lower Upper
202 100
200 20.7 16.4 24.6
203 18.8 14.3 21.5

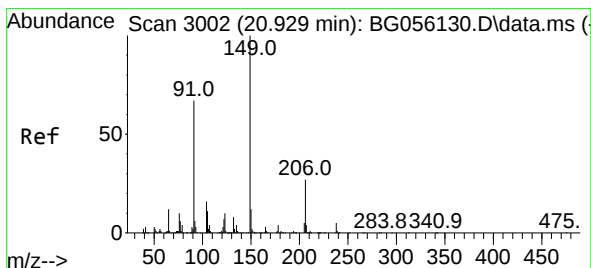
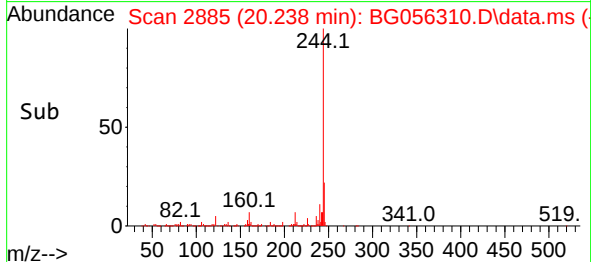
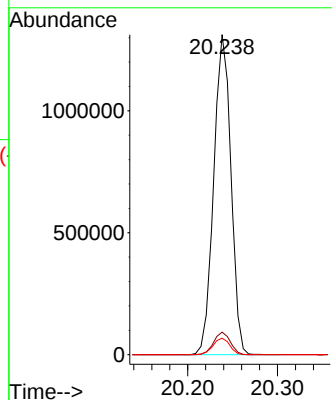
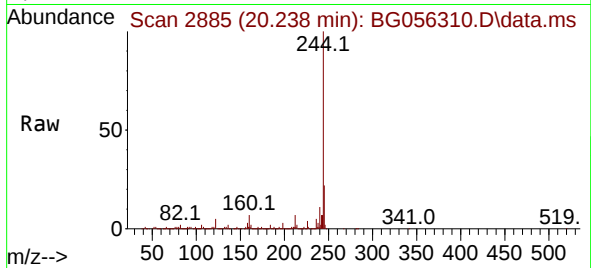




#79
 Terphenyl-d14
 Concen: 103.214 ng
 RT: 20.238 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056310.D
 Acq: 17 Jan 2023 11:31

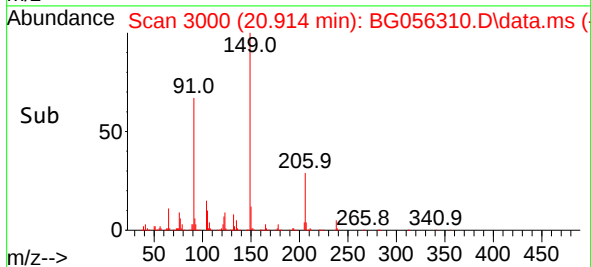
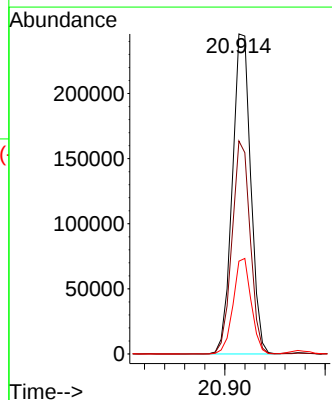
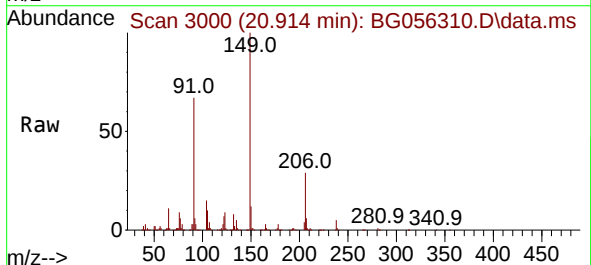
Instrument :
 BNA_G
 ClientSampleId :
 PB150221BS

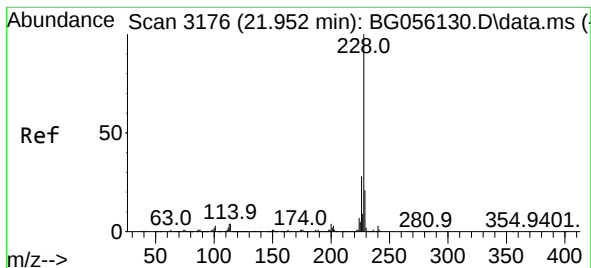
Tgt Ion:244 Resp: 1745877
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 5.1 3.5 5.3



#80
 Butylbenzylphthalate
 Concen: 51.206 ng
 RT: 20.914 min Scan# 3000
 Delta R.T. -0.006 min
 Lab File: BG056310.D
 Acq: 17 Jan 2023 11:31

Tgt Ion:149 Resp: 313700
 Ion Ratio Lower Upper
 149 100
 91 66.5 53.5 80.3
 206 29.0 21.9 32.9





#81

Benzo(a)anthracene

Concen: 49.622 ng

RT: 21.936 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB150221BS

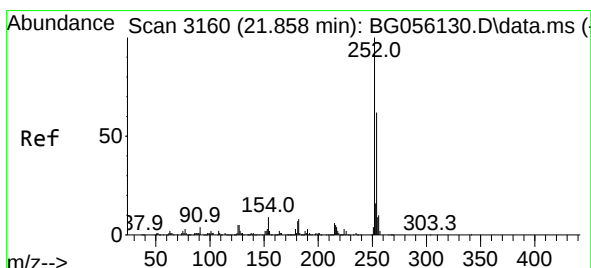
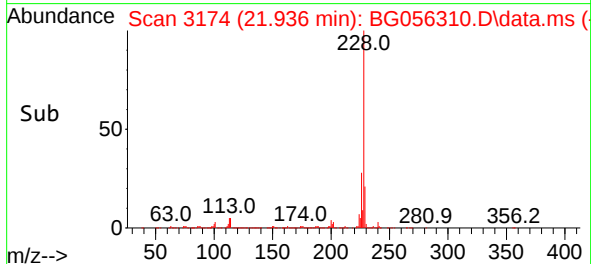
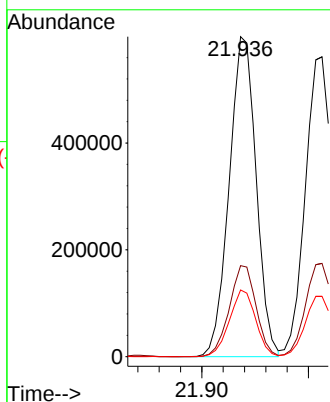
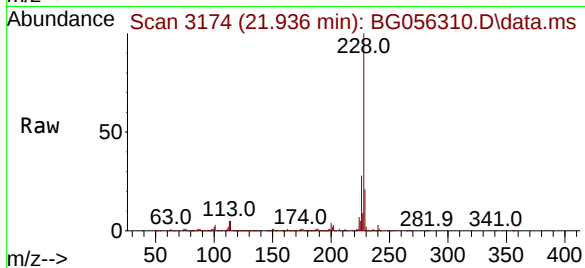
Tgt Ion:228 Resp: 1055906

Ion Ratio Lower Upper

228 100

226 28.4 22.6 34.0

229 20.9 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 35.265 ng

RT: 21.842 min Scan# 3158

Delta R.T. 0.000 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

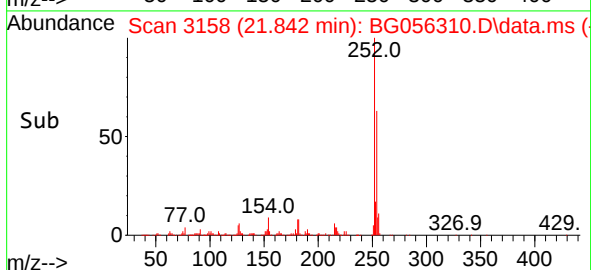
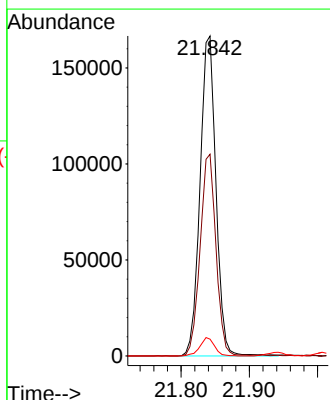
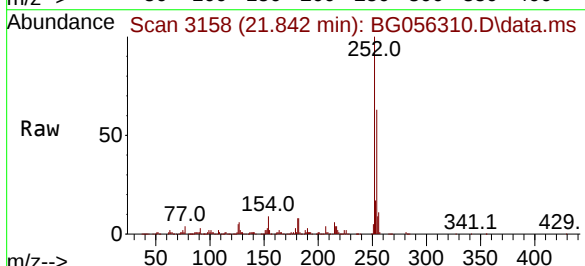
Tgt Ion:252 Resp: 270130

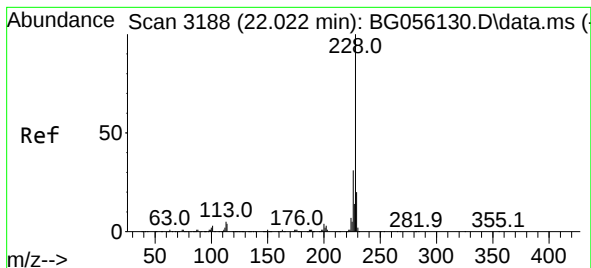
Ion Ratio Lower Upper

252 100

254 63.0 49.5 74.3

126 5.2 4.0 6.0





#83

Chrysene

Concen: 49.424 ng

RT: 22.013 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB150221BS

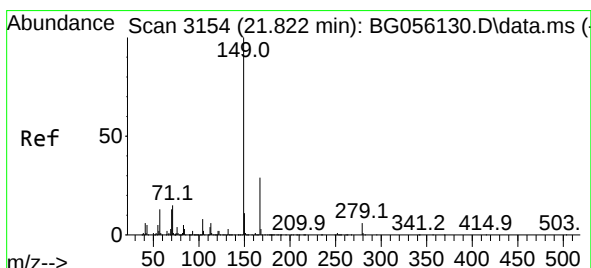
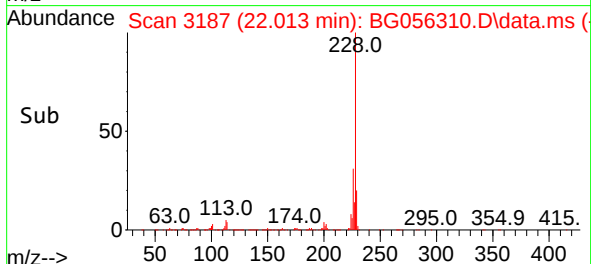
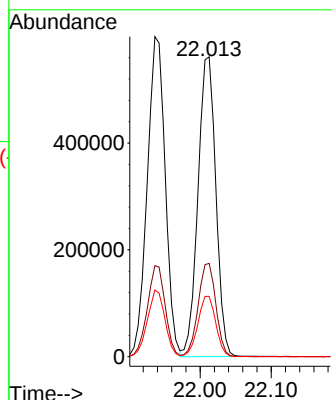
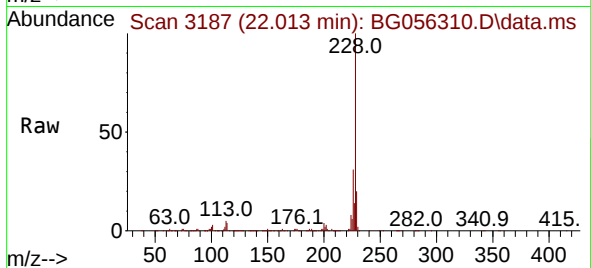
Tgt Ion:228 Resp: 985117

Ion Ratio Lower Upper

228 100

226 31.1 24.6 36.8

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.230 ng

RT: 21.801 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

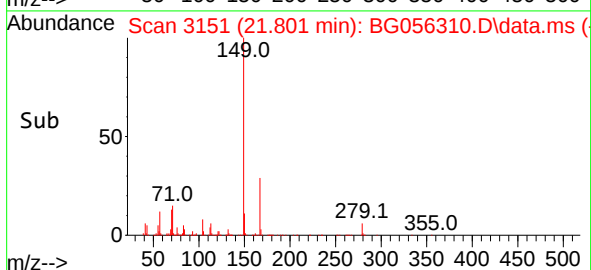
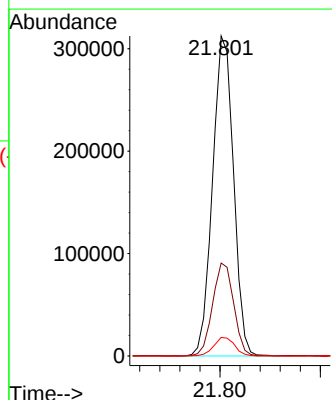
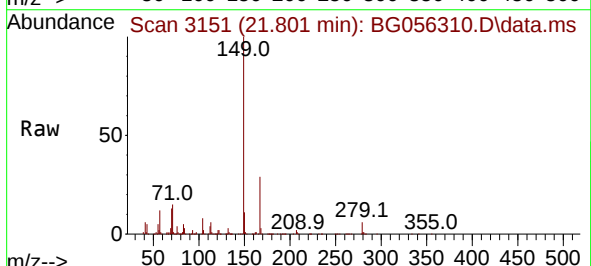
Tgt Ion:149 Resp: 452163

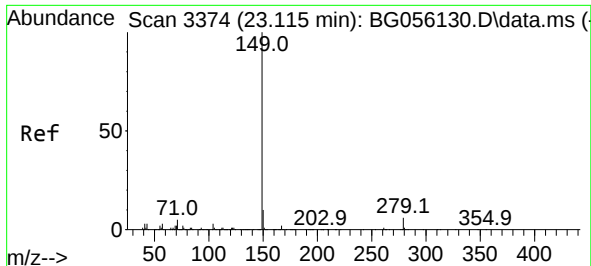
Ion Ratio Lower Upper

149 100

167 29.1 23.4 35.2

279 5.8 4.7 7.1

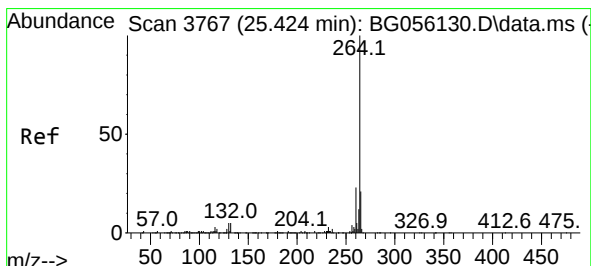
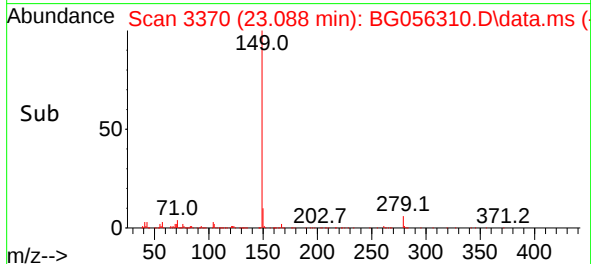
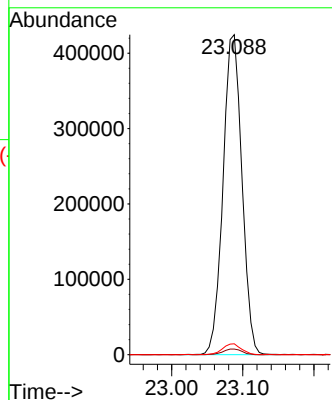
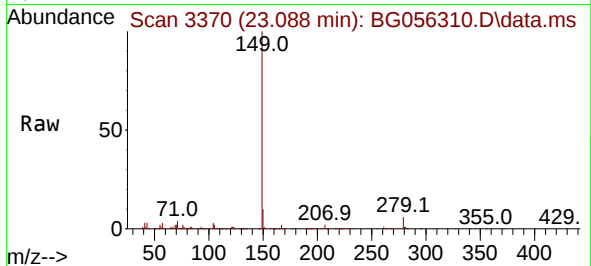




#85
Di-n-octyl phthalate
Concen: 52.432 ng
RT: 23.088 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

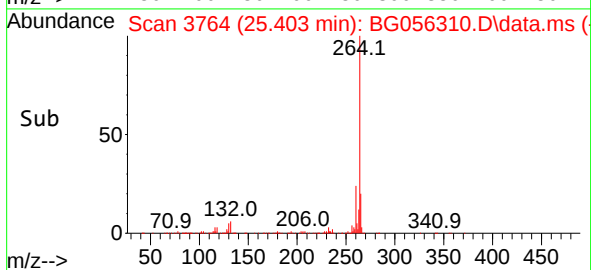
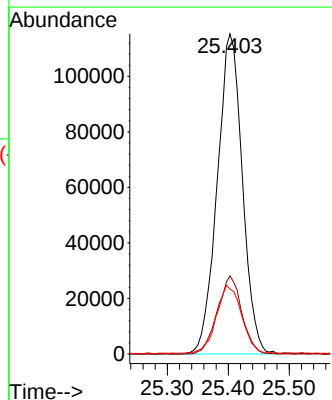
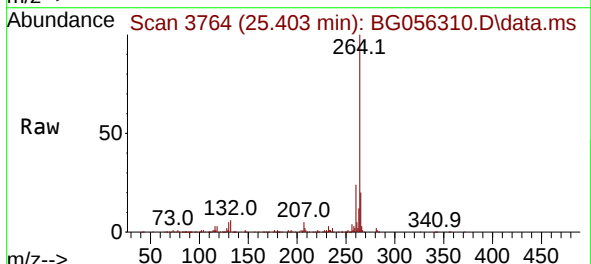
Instrument :
BNA_G
ClientSampleId :
PB150221BS

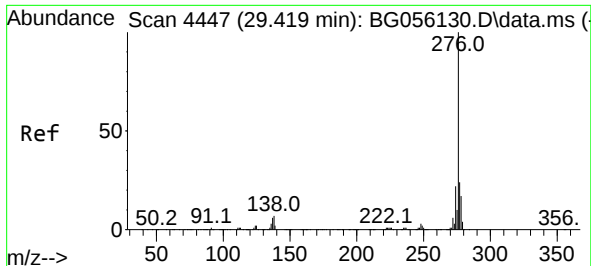
Tgt Ion:149 Resp: 781237
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 3.4 2.9 4.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.403 min Scan# 3764
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:264 Resp: 330059
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 20.3 16.7 25.1

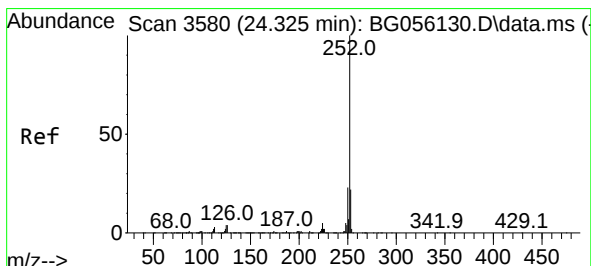
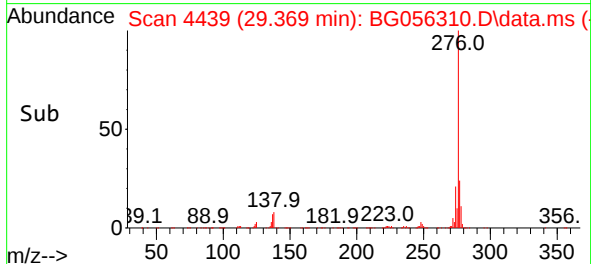
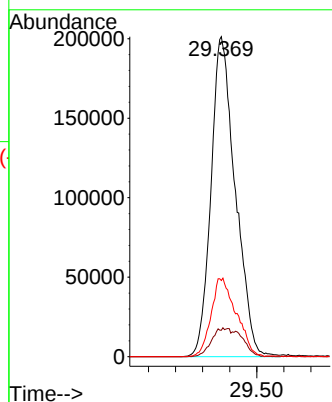
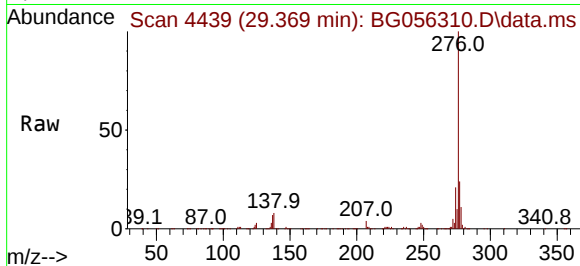




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.219 ng
 RT: 29.369 min Scan# 4447
 Delta R.T. 0.006 min
 Lab File: BG056310.D
 Acq: 17 Jan 2023 11:31

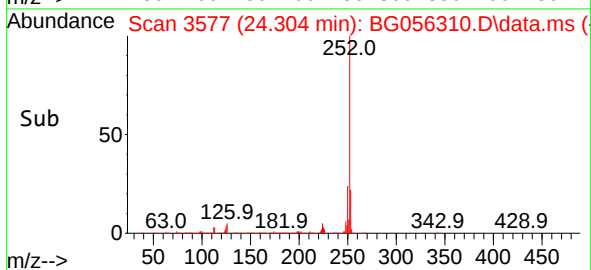
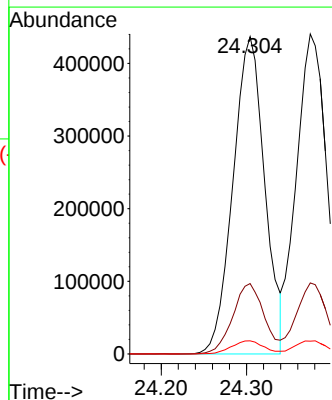
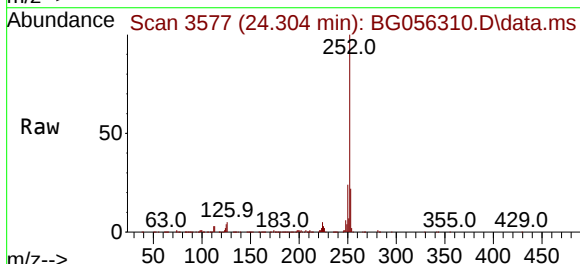
Instrument :
 BNA_G
 ClientSampleId :
 PB150221BS

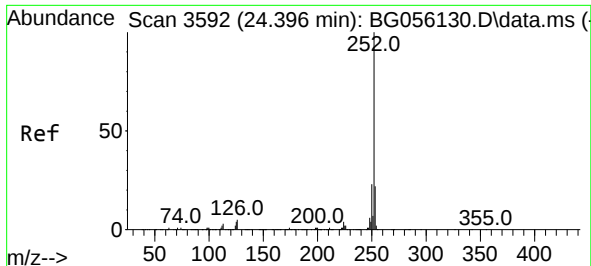
Tgt Ion:276 Resp: 1253459
 Ion Ratio Lower Upper
 276 100
 138 4.9 5.0 7.4#
 277 25.5 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 53.778 ng
 RT: 24.304 min Scan# 3577
 Delta R.T. 0.006 min
 Lab File: BG056310.D
 Acq: 17 Jan 2023 11:31

Tgt Ion:252 Resp: 1127766
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.2
 125 4.1 3.0 4.4

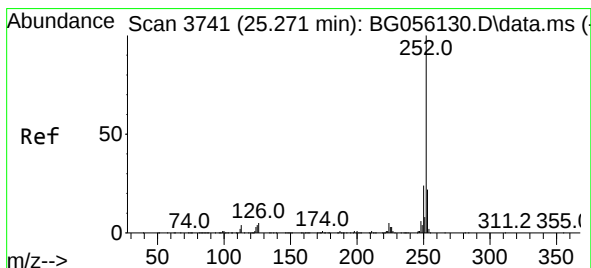
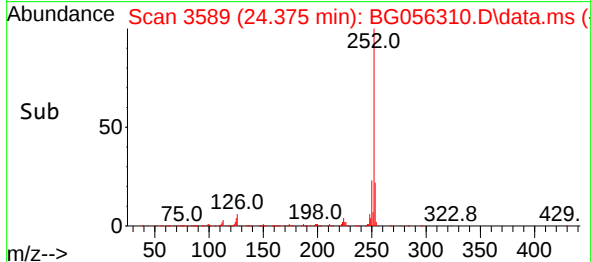
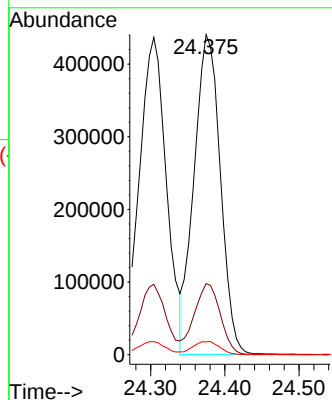
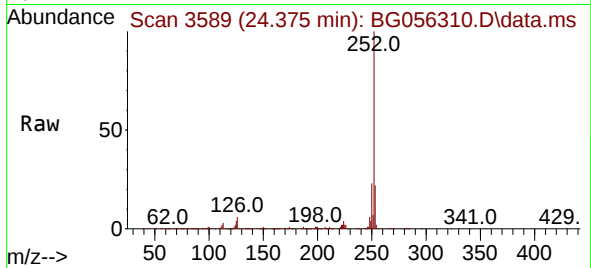




#89
Benzo(k)fluoranthene
Concen: 52.012 ng
RT: 24.375 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

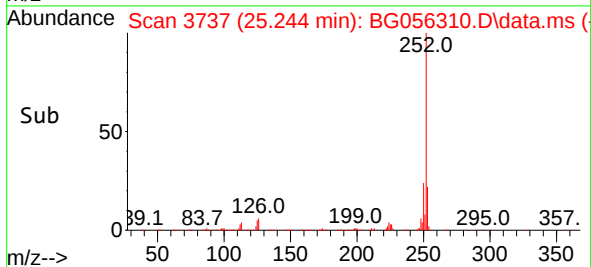
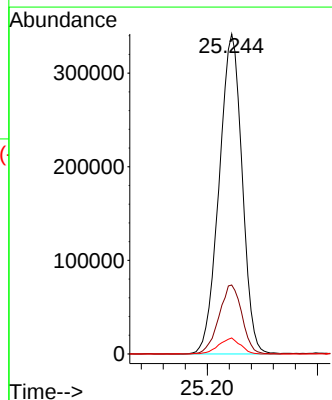
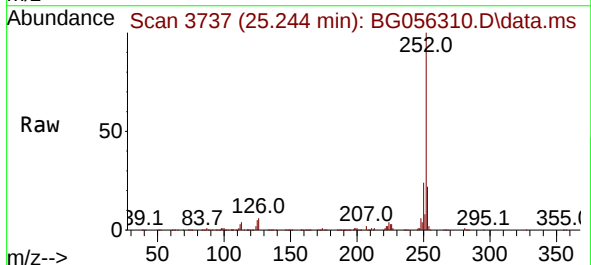
Instrument :
BNA_G
ClientSampleId :
PB150221BS

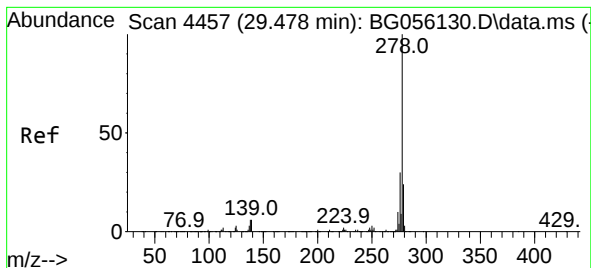
Tgt Ion:252 Resp: 1086143
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 4.0 3.4 5.0



#90
Benzo(a)pyrene
Concen: 48.456 ng
RT: 25.244 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BG056310.D
Acq: 17 Jan 2023 11:31

Tgt Ion:252 Resp: 991114
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 5.0 3.2 4.8#





#91

Dibenzo(a,h)anthracene

Concen: 52.315 ng

RT: 29.433 min Scan# 4450

Delta R.T. 0.000 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB150221BS

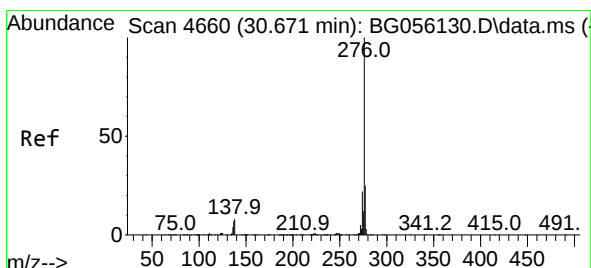
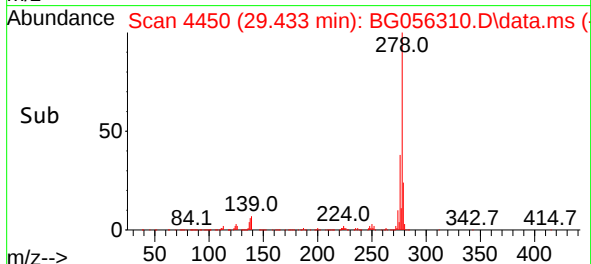
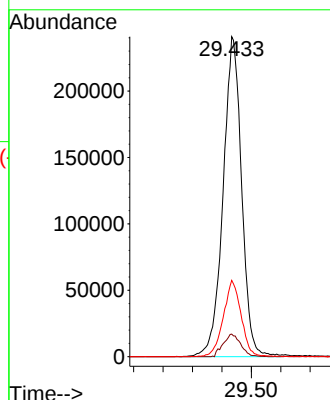
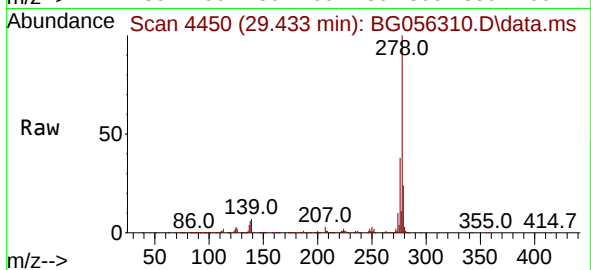
Tgt Ion:278 Resp: 1052842

Ion Ratio Lower Upper

278 100

139 7.0 4.8 7.2

279 23.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 51.181 ng

RT: 30.614 min Scan# 4651

Delta R.T. 0.000 min

Lab File: BG056310.D

Acq: 17 Jan 2023 11:31

Tgt Ion:276 Resp: 998839

Ion Ratio Lower Upper

276 100

277 24.7 19.7 29.5

138 8.3 6.7 10.1

