

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
 Data File : BG056264.D
 Acq On : 12 Jan 2023 11:36
 Operator : CG/JU
 Sample : PB150172BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150172BS

Quant Time: Jan 13 04:38:06 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	8.314	152	52291	20.000	ng	0.00
21) Naphthalene-d8	11.146	136	204604	20.000	ng	0.00
39) Acenaphthene-d10	14.930	164	170780	20.000	ng	0.00
64) Phenanthrene-d10	17.662	188	460426	20.000	ng	0.00
76) Chrysene-d12	21.963	240	507277	20.000	ng	0.00
86) Perylene-d12	25.400	264	475370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	395702	135.114	ng	0.00
7) Phenol-d6	7.456	99	543738	120.896	ng	0.00
23) Nitrobenzene-d5	9.495	82	284066	71.017	ng	0.00
42) 2,4,6-Tribromophenol	16.411	330	252394	116.692	ng	0.00
45) 2-Fluorobiphenyl	13.555	172	875776	70.814	ng	0.00
79) Terphenyl-d14	20.241	244	2037712	71.946	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.649	88	44691	33.409	ng	# 97
3) Pyridine	4.066	79	113039	27.745	ng	# 94
4) n-Nitrosodimethylamine	3.978	42	31551	38.069	ng	# 92
6) Aniline	7.627	93	166536	28.236	ng	96
8) 2-Chlorophenol	7.874	128	132724	45.542	ng	97
9) Benzaldehyde	7.445	77	37149	13.891	ng	94
10) Phenol	7.480	94	196072	42.987	ng	96
11) bis(2-Chloroethyl)ether	7.721	93	122430	39.609	ng	97
12) 1,3-Dichlorobenzene	8.209	146	151861	42.815	ng	95
13) 1,4-Dichlorobenzene	8.355	146	153419	43.074	ng	99
14) 1,2-Dichlorobenzene	8.679	146	149151	43.399	ng	97
15) Benzyl Alcohol	8.549	79	129238	39.482	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.843	45	24362	44.601	ng	97
17) 2-Methylphenol	8.749	107	132223	39.506	ng	97
18) Hexachloroethane	9.419	117	46918	43.362	ng	98
19) n-Nitroso-di-n-propyla...	9.119	70	94938	34.713	ng	99
20) 3+4-Methylphenols	9.078	107	180071	38.268	ng	99
22) Acetophenone	9.143	105	215918	37.322	ng	99
24) Nitrobenzene	9.536	77	143318	36.155	ng	99
25) Isophorone	10.053	82	282532	33.571	ng	96
26) 2-Nitrophenol	10.253	139	80086	39.487	ng	96
27) 2,4-Dimethylphenol	10.294	122	142000	38.387	ng	97
28) bis(2-Chloroethoxy)met...	10.529	93	162318	37.109	ng	99
29) 2,4-Dichlorophenol	10.788	162	165852	40.554	ng	97
30) 1,2,4-Trichlorobenzene	11.005	180	182171	39.253	ng	96
31) Naphthalene	11.199	128	400345	37.179	ng	99
32) Benzoic acid	10.424	122	102973	37.517	ng	92
33) 4-Chloroaniline	11.299	127	133383	25.945	ng	98
34) Hexachlorobutadiene	11.475	225	130566	39.116	ng	97
35) Caprolactam	12.063	113	28709	20.734	ng	95
36) 4-Chloro-3-methylphenol	12.392	107	158822	38.271	ng	98
37) 2-Methylnaphthalene	12.780	142	318313	35.010	ng	99
38) 1-Methylnaphthalene	12.997	142	297854	35.278	ng	98
40) 1,2,4,5-Tetrachloroben...	13.138	216	242332	37.860	ng	99
41) Hexachlorocyclopentadiene	13.120	237	281900	77.249	ng	95
43) 2,4,6-Trichlorophenol	13.367	196	164634	38.898	ng	98

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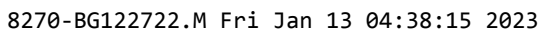
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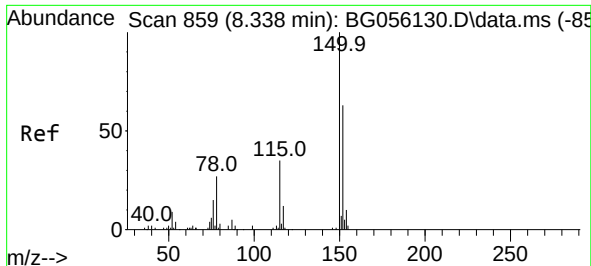
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.444	196	177394	35.431	ng	98
46) 1,1'-Biphenyl	13.767	154	463581	37.903	ng	100
47) 2-Chloronaphthalene	13.820	162	371021	38.432	ng	99
48) 2-Nitroaniline	14.013	65	78499	38.164	ng	97
49) Acenaphthylene	14.654	152	574212	36.551	ng	99
50) Dimethylphthalate	14.372	163	494524	35.870	ng	99
51) 2,6-Dinitrotoluene	14.495	165	109043	37.119	ng	95
52) Acenaphthene	14.995	154	359175	35.152	ng	99
53) 3-Nitroaniline	14.824	138	84936	30.380	ng	99
54) 2,4-Dinitrophenol	15.030	184	176471	84.089	ng	96
55) Dibenzofuran	15.324	168	619056	36.612	ng	97
56) 4-Nitrophenol	15.118	139	184189	85.661	ng	96
57) 2,4-Dinitrotoluene	15.277	165	162516	39.558	ng	93
58) Fluorene	15.970	166	501422	36.870	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.541	232	182861	38.898	ng	98
60) Diethylphthalate	15.717	149	478688	37.024	ng	99
61) 4-Chlorophenyl-phenyle...	15.952	204	310505	36.586	ng	99
62) 4-Nitroaniline	15.982	138	111203	38.830	ng	98
63) Azobenzene	16.246	77	360307	36.113	ng	98
65) 4,6-Dinitro-2-methylph...	16.035	198	121587	39.195	ng	94
66) n-Nitrosodiphenylamine	16.164	169	472282	36.970	ng	98
67) 4-Bromophenyl-phenylether	16.845	248	217745	37.138	ng	98
68) Hexachlorobenzene	16.969	284	217562	39.773	ng	99
69) Atrazine	17.098	200	231561	43.737	ng	97
70) Pentachlorophenol	17.310	266	343506	81.749	ng	97
71) Phenanthrene	17.709	178	927408	38.868	ng	98
72) Anthracene	17.797	178	922741	37.488	ng	100
73) Carbazole	18.062	167	850484	41.107	ng	98
74) Di-n-butylphthalate	18.590	149	873326	42.344	ng	99
75) Fluoranthene	19.701	202	1265994	40.675	ng	100
77) Benzidine	19.865	184	375615	21.129	ng	98
78) Pyrene	20.059	202	1285524	35.954	ng	98
80) Butylbenzylphthalate	20.917	149	386257	37.655	ng	99
81) Benzo(a)anthracene	21.939	228	1319254	37.027	ng	100
82) 3,3'-Dichlorobenzidine	21.840	252	442358	34.489	ng	99
83) Chrysene	22.010	228	1225522	36.720	ng	99
84) Bis(2-ethylhexyl)phtha...	21.804	149	560575	37.932	ng	98
85) Di-n-octyl phthalate	23.085	149	955617	38.303	ng	100
87) Indeno(1,2,3-cd)pyrene	29.372	276	1531522	44.300	ng	# 97
88) Benzo(b)fluoranthene	24.301	252	1410001	46.684	ng	99
89) Benzo(k)fluoranthene	24.378	252	1367201	45.458	ng	99
90) Benzo(a)pyrene	25.241	252	1237230	41.999	ng	100
91) Dibenzo(a,h)anthracene	29.437	278	1326456	45.763	ng	99
92) Benzo(g,h,i)perylene	30.618	276	1282432	45.625	ng	97

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

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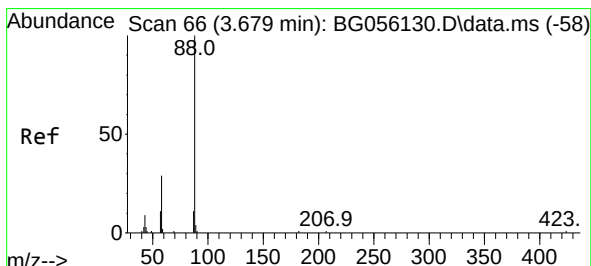
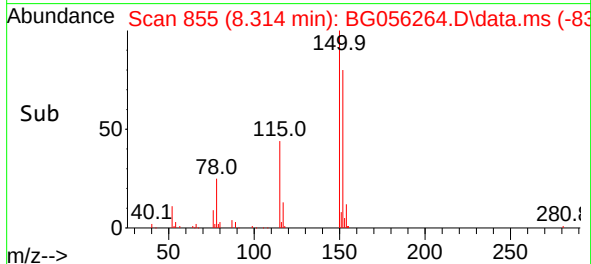
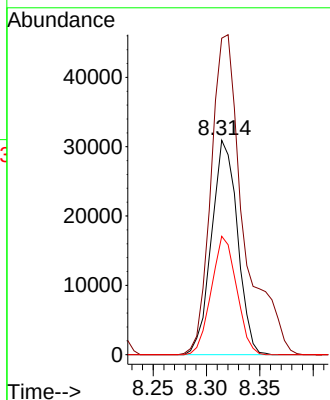
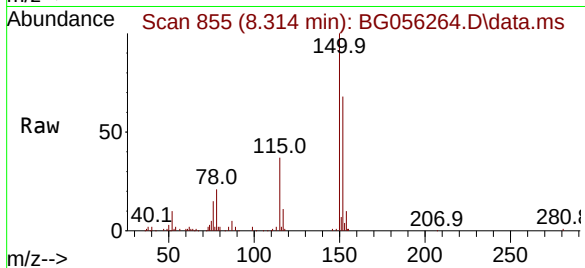




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.314 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG056264.D
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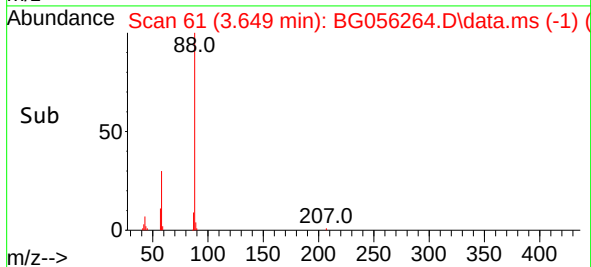
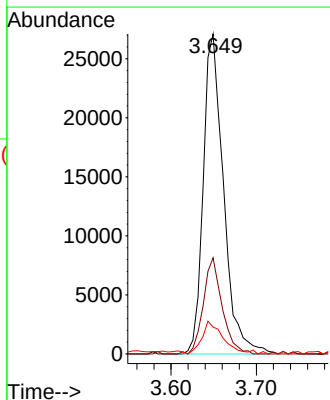
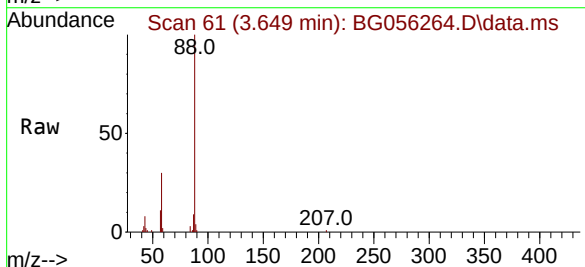
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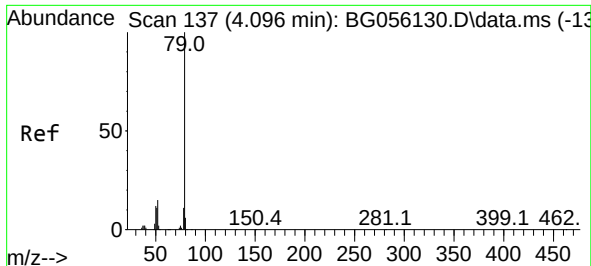
Tgt Ion:152 Resp: 52291
 Ion Ratio Lower Upper
 152 100
 150 147.6 127.9 191.9
 115 55.2 44.2 66.2



#2
 1,4-Dioxane
 Concen: 33.409 ng
 RT: 3.649 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: BG056264.D
 Acq: 12 Jan 2023 11:36

Tgt Ion: 88 Resp: 44691
 Ion Ratio Lower Upper
 88 100
 58 27.9 21.4 32.0
 43 10.8 7.1 10.7#

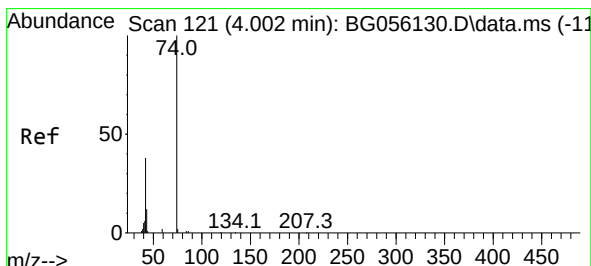
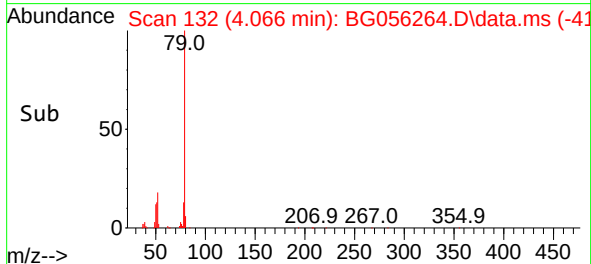
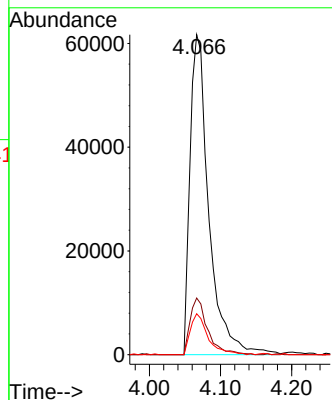
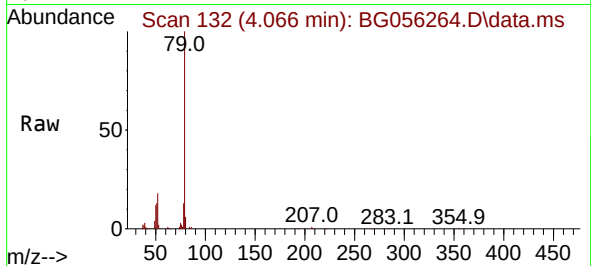




#3
 Pyridine
 Concen: 27.745 ng
 RT: 4.066 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: BG056264.D
 Acq: 12 Jan 2023 11:36

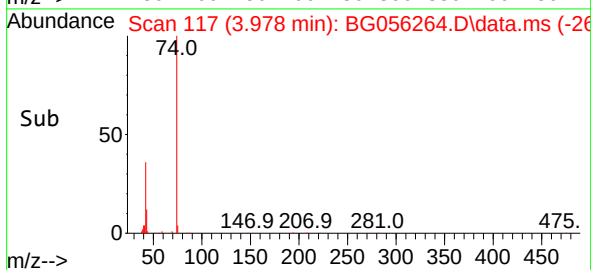
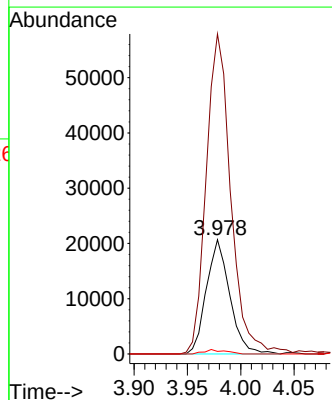
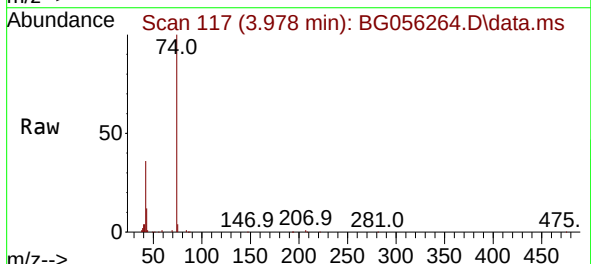
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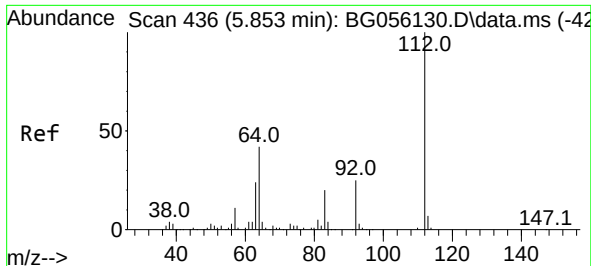
Tgt Ion: 79 Resp: 113039
 Ion Ratio Lower Upper
 79 100
 52 17.7 11.8 17.6#
 51 12.8 8.8 13.2



#4
 n-Nitrosodimethylamine
 Concen: 38.069 ng
 RT: 3.978 min Scan# 117
 Delta R.T. 0.003 min
 Lab File: BG056264.D
 Acq: 12 Jan 2023 11:36

Tgt Ion: 42 Resp: 31551
 Ion Ratio Lower Upper
 42 100
 74 280.1 212.6 319.0
 44 2.2 2.6 3.8#

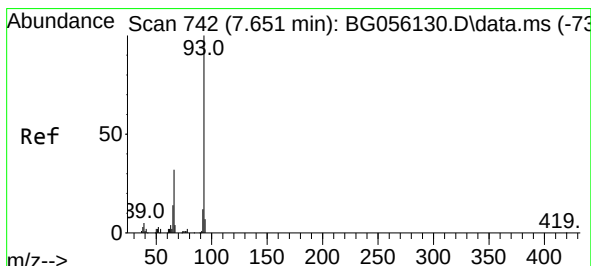
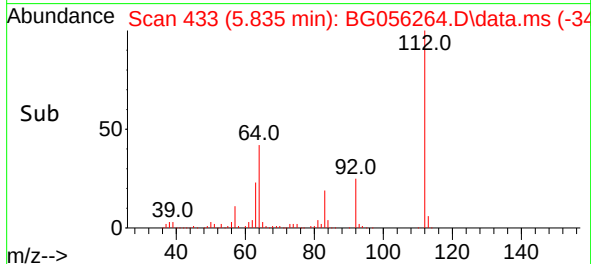
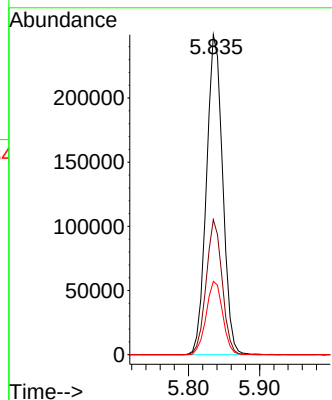
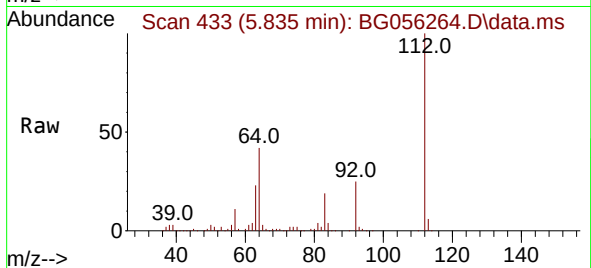




#5
2-Fluorophenol
Concen: 135.114 ng
RT: 5.835 min Scan# 411
Delta R.T. 0.009 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

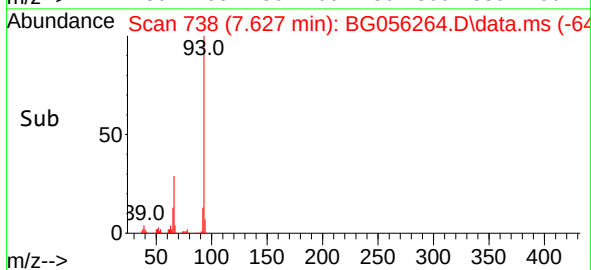
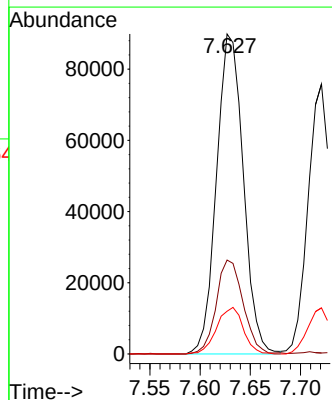
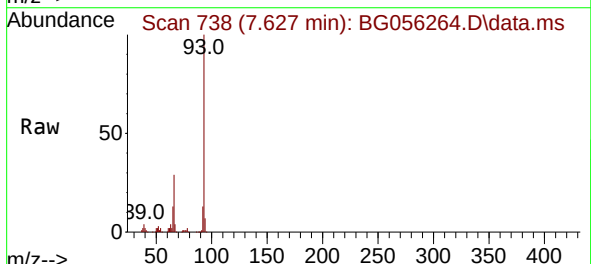
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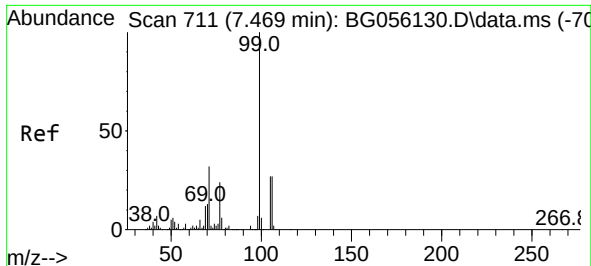
Tgt Ion:112 Resp: 395702
Ion Ratio Lower Upper
112 100
64 42.2 33.3 49.9
63 22.9 19.0 28.4



#6
Aniline
Concen: 28.236 ng
RT: 7.627 min Scan# 738
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion: 93 Resp: 166536
Ion Ratio Lower Upper
93 100
66 29.4 25.4 38.2
65 13.3 11.4 17.2

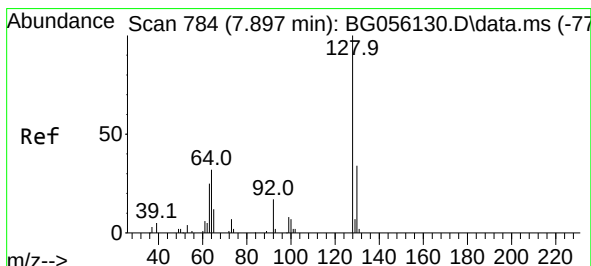
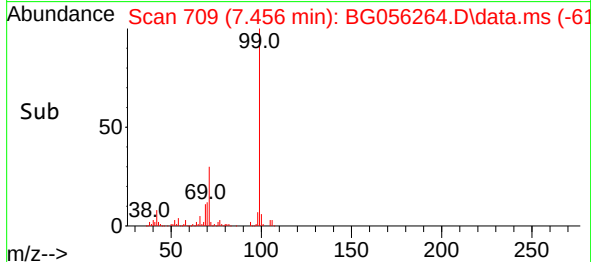
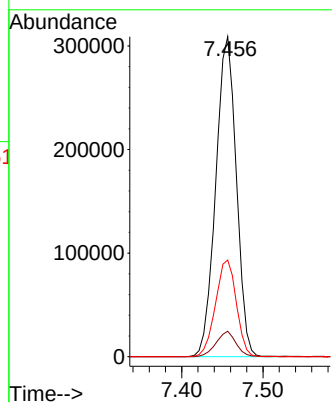
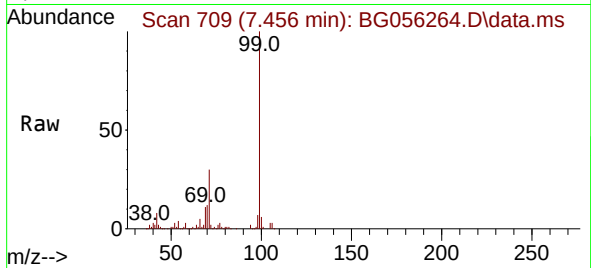




#7
Phenol-d6
Concen: 120.896 ng
RT: 7.456 min Scan# 711
Delta R.T. 0.009 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

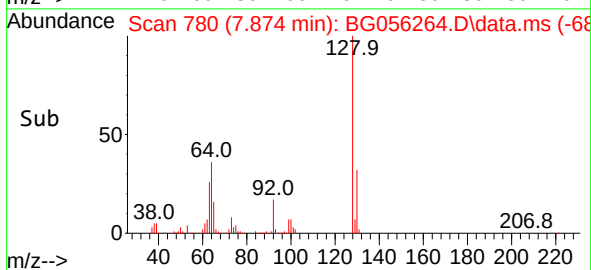
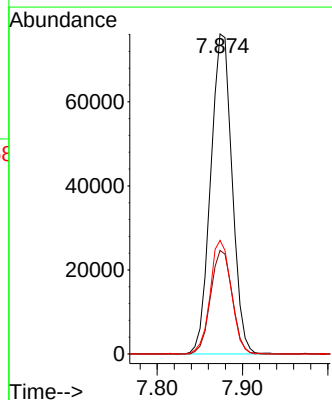
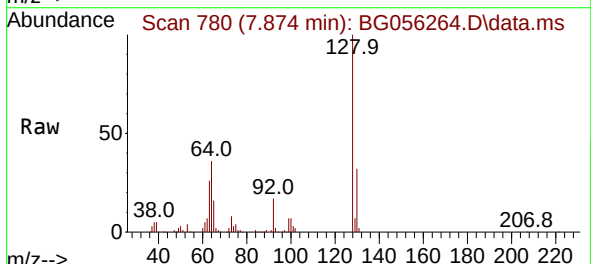
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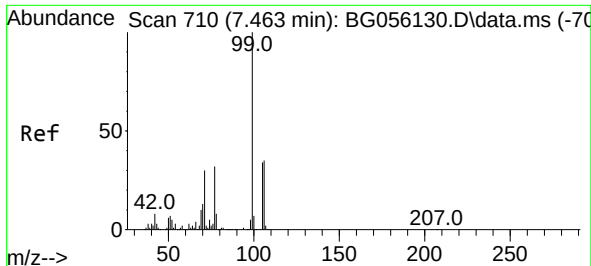
Tgt Ion: 99 Resp: 543738
Ion Ratio Lower Upper
99 100
42 8.0 5.9 8.9
71 30.2 25.4 38.2



#8
2-Chlorophenol
Concen: 45.542 ng
RT: 7.874 min Scan# 780
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:128 Resp: 132724
Ion Ratio Lower Upper
128 100
130 32.4 13.5 53.5
64 35.5 18.0 58.0

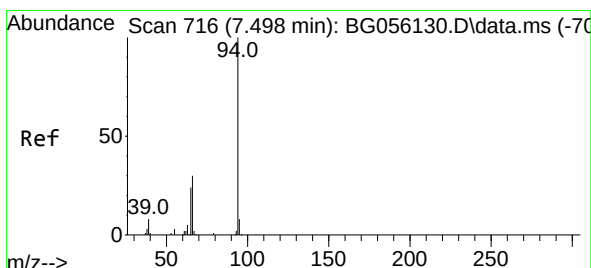
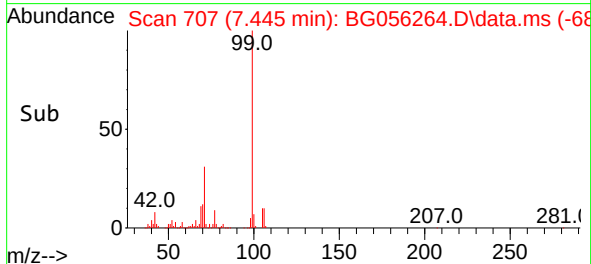
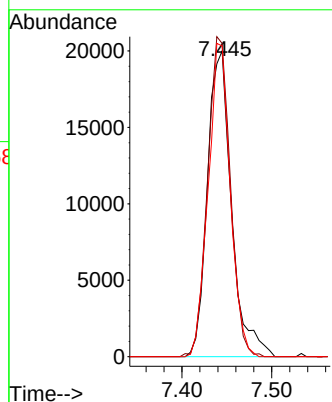
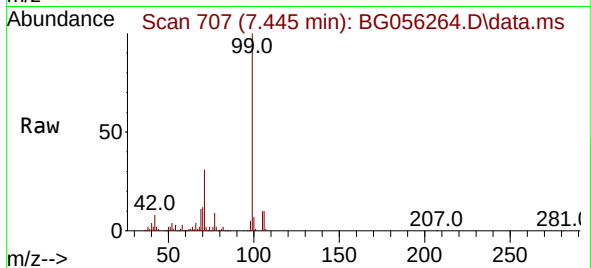




#9
Benzaldehyde
Concen: 13.891 ng
RT: 7.445 min Scan# 707
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

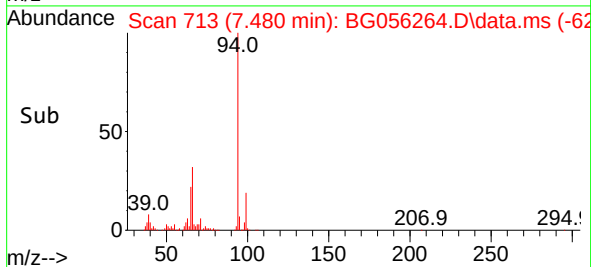
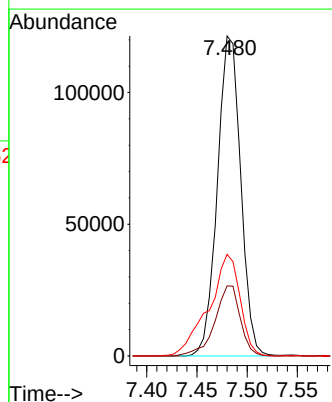
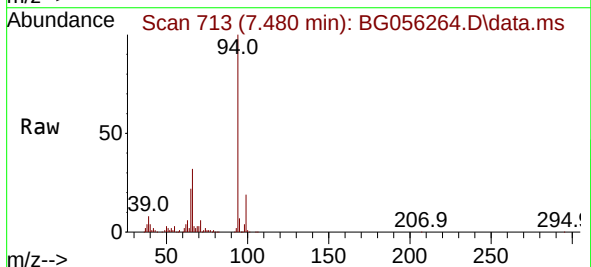
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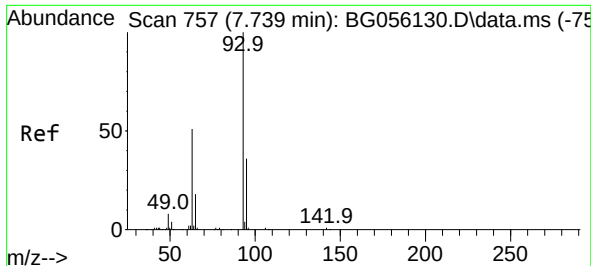
Tgt Ion: 77 Resp: 37149
Ion Ratio Lower Upper
77 100
105 102.5 86.8 126.8
106 101.6 89.3 129.3



#10
Phenol
Concen: 42.987 ng
RT: 7.480 min Scan# 713
Delta R.T. 0.003 min
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Tgt Ion: 94 Resp: 196072
Ion Ratio Lower Upper
94 100
65 21.9 4.3 44.3
66 31.7 13.2 53.2

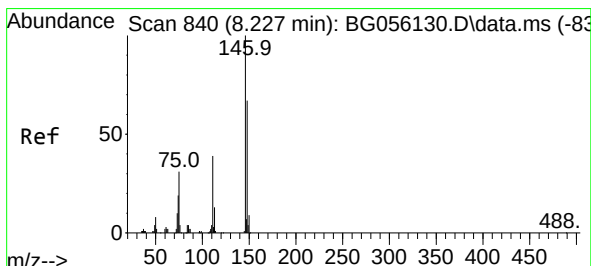
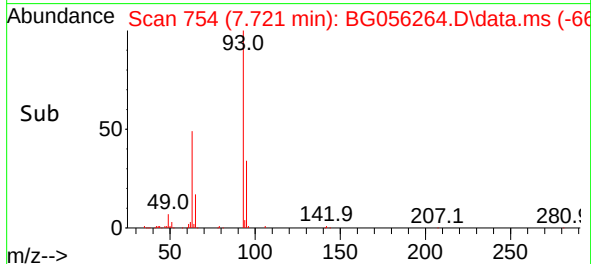
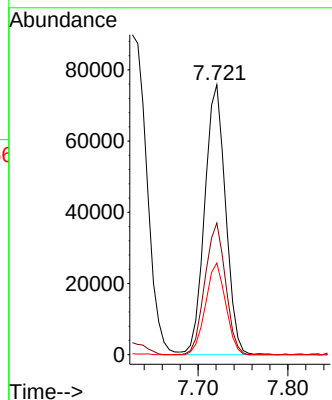
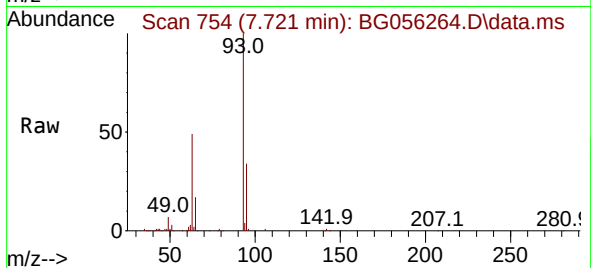




#11
bis(2-Chloroethyl)ether
Concen: 39.609 ng
RT: 7.721 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

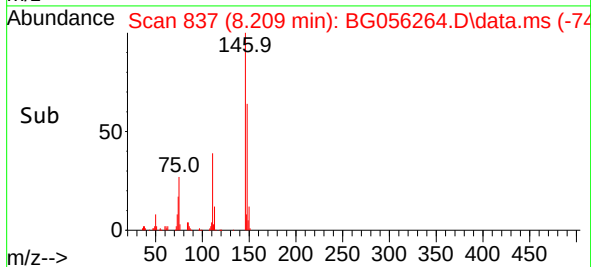
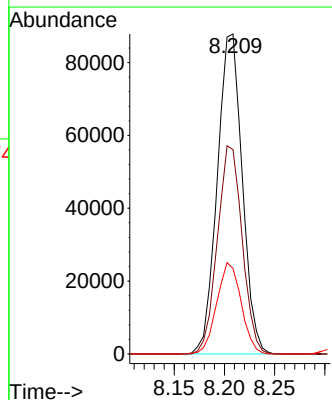
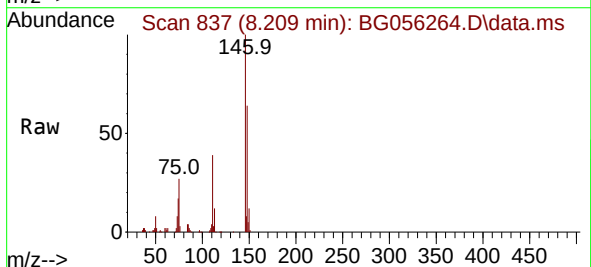
Instrument :
BNA_G
ClientSampleId :
PB150172BS

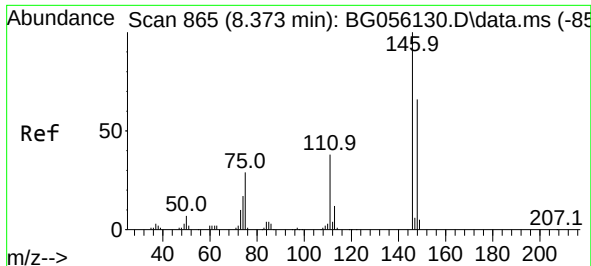
Tgt Ion: 93 Resp: 122430
Ion Ratio Lower Upper
93 100
63 48.8 30.5 70.5
95 33.9 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 42.815 ng
RT: 8.209 min Scan# 837
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion: 146 Resp: 151861
Ion Ratio Lower Upper
146 100
148 63.9 53.5 80.3
75 26.7 24.8 37.2

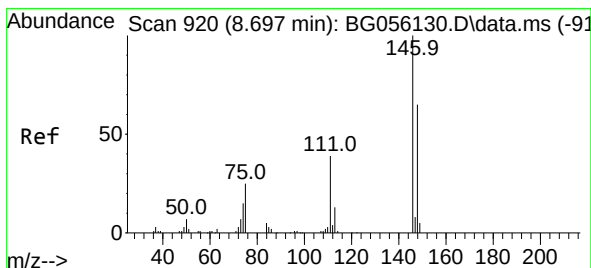
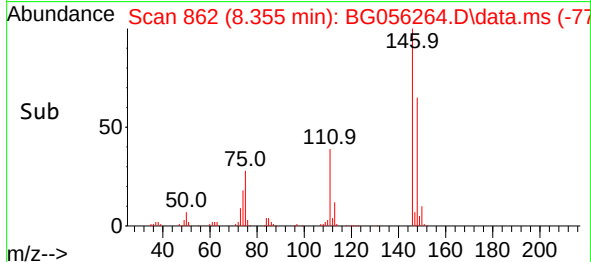
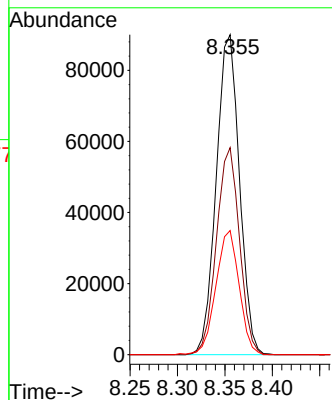
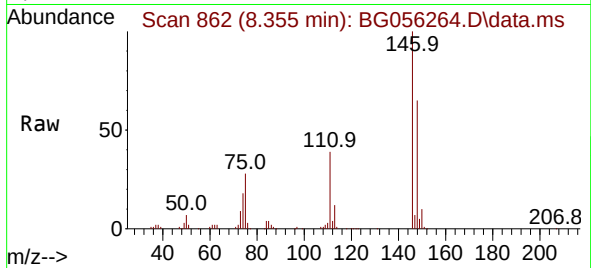




#13
1,4-Dichlorobenzene
Concen: 43.074 ng
RT: 8.355 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

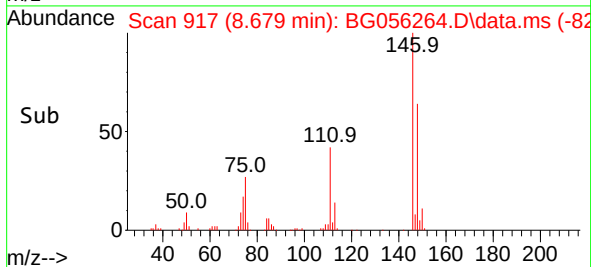
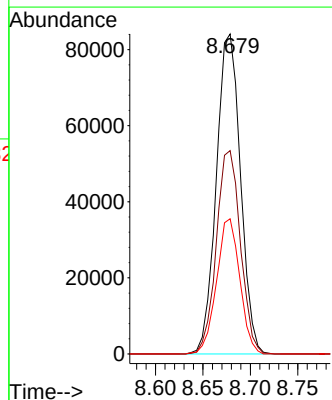
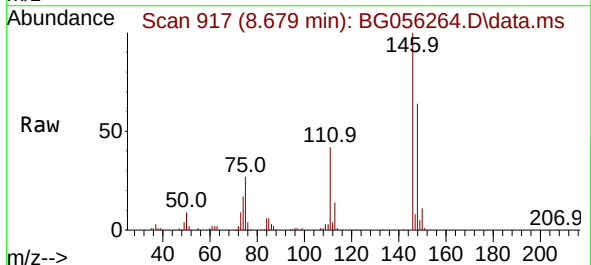
Instrument :
BNA_G
ClientSampleId :
PB150172BS

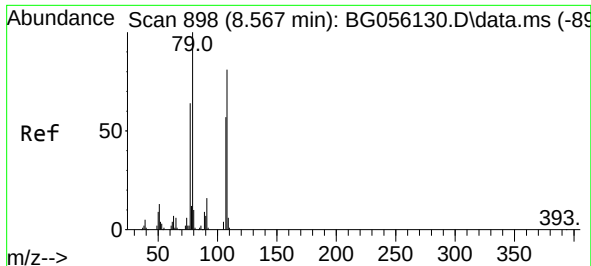
Tgt Ion:146 Resp: 153419
Ion Ratio Lower Upper
146 100
148 64.7 52.8 79.2
111 38.8 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 43.399 ng
RT: 8.679 min Scan# 917
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:146 Resp: 149151
Ion Ratio Lower Upper
146 100
148 63.5 51.7 77.5
111 42.2 31.5 47.3

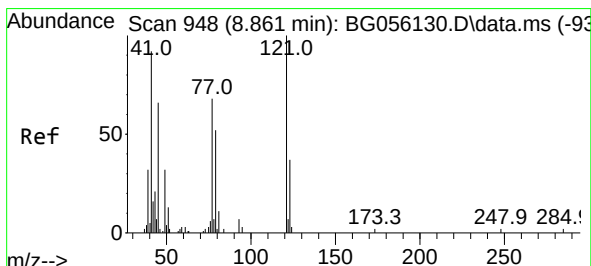
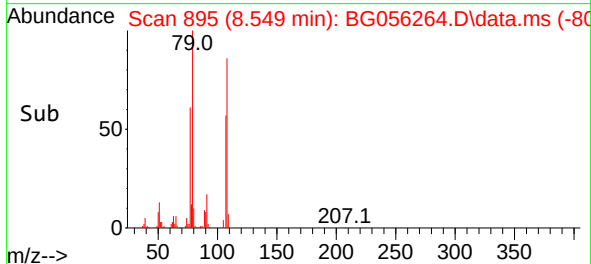
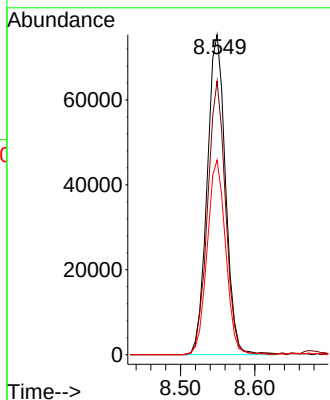
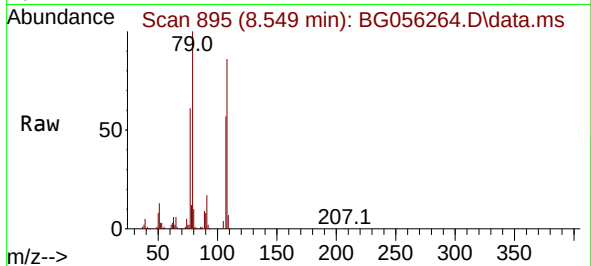




#15
Benzyl Alcohol
Concen: 39.482 ng
RT: 8.549 min Scan# 898
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

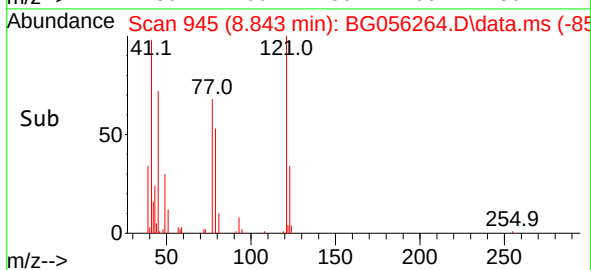
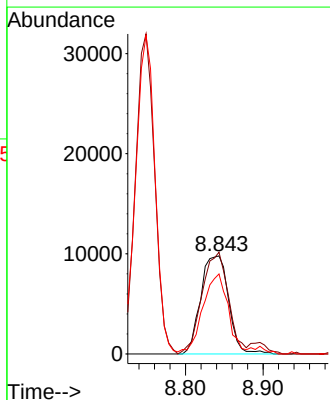
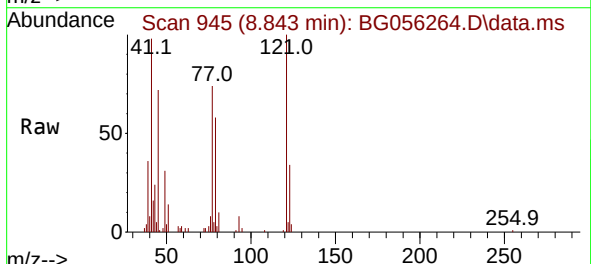
Instrument :
BNA_G
ClientSampleId :
PB150172BS

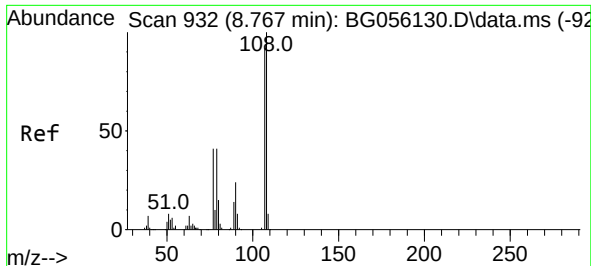
Tgt Ion: 79 Resp: 129238
Ion Ratio Lower Upper
79 100
108 85.5 64.7 97.1
77 60.9 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.601 ng
RT: 8.843 min Scan# 945
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion: 45 Resp: 24362
Ion Ratio Lower Upper
45 100
77 103.8 88.2 128.2
79 81.5 61.2 101.2



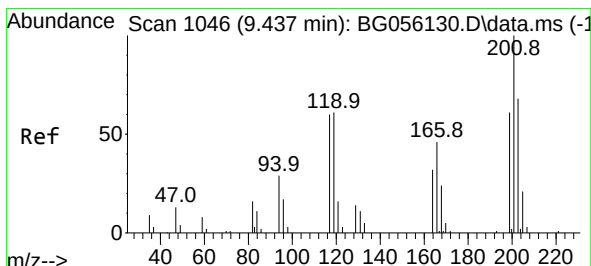
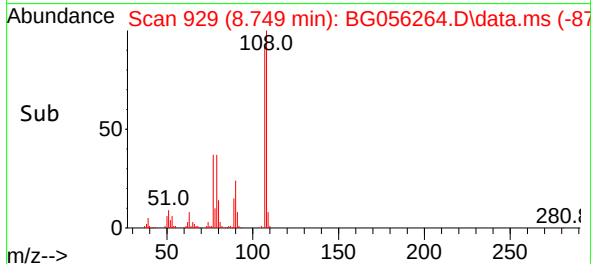
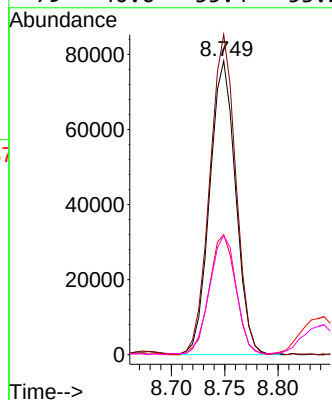
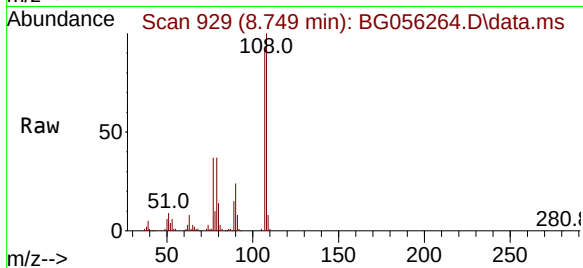


#17
2-Methylphenol
Concen: 39.506 ng
RT: 8.749 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Instrument :
BNA_G
ClientSampleId :
PB150172BS

Tgt Ion:107 Resp: 132223

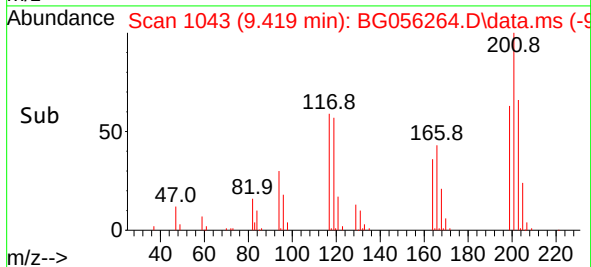
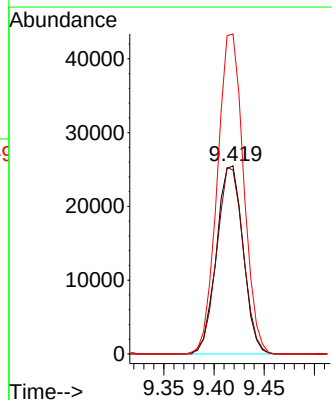
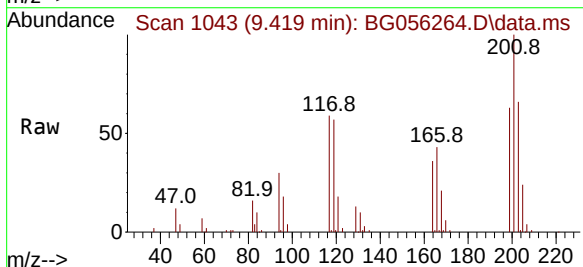
Ion	Ratio	Lower	Upper
107	100		
108	108.9	86.6	129.8
77	40.8	35.4	53.2
79	40.6	35.4	53.2

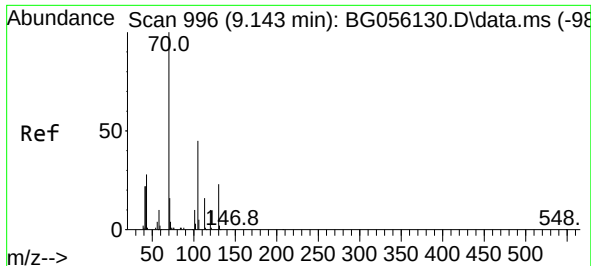


#18
Hexachloroethane
Concen: 43.362 ng
RT: 9.419 min Scan# 1043
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:117 Resp: 46918

Ion	Ratio	Lower	Upper
117	100		
119	97.5	81.8	122.6
201	167.2	134.2	201.2

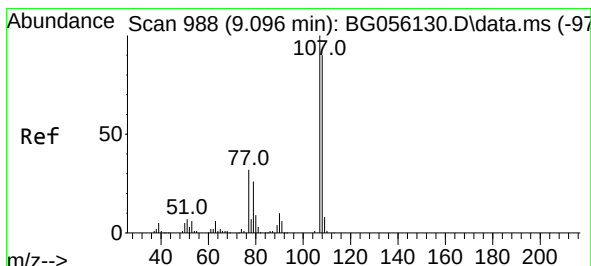
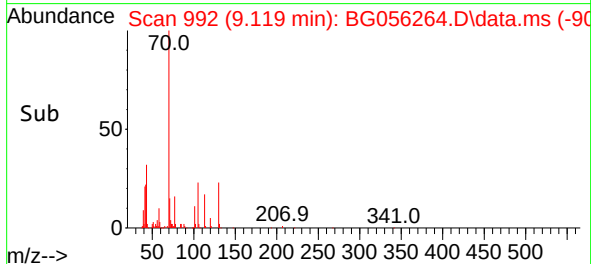
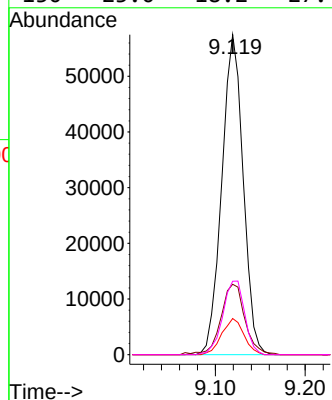
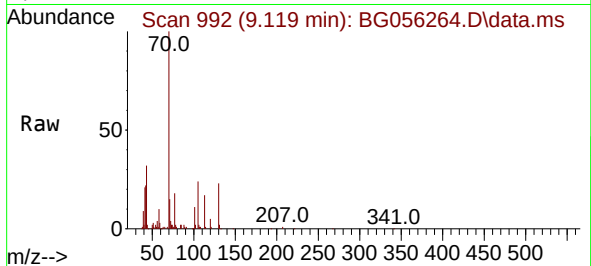




#19
n-Nitroso-di-n-propylamine
Concen: 34.713 ng
RT: 9.119 min Scan# 991
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

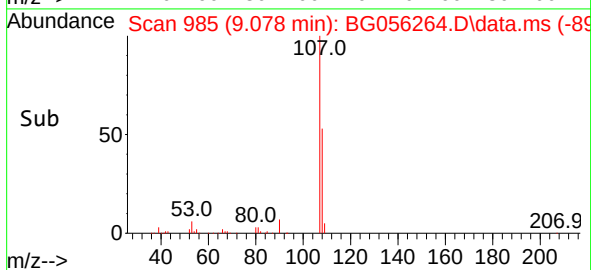
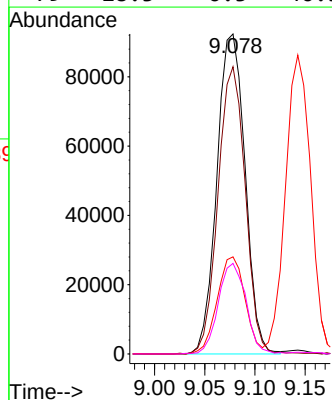
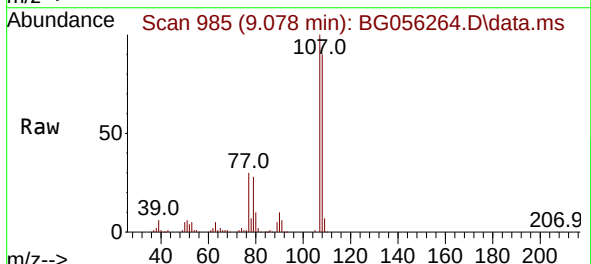
Instrument :
BNA_G
ClientSampleId :
PB150172BS

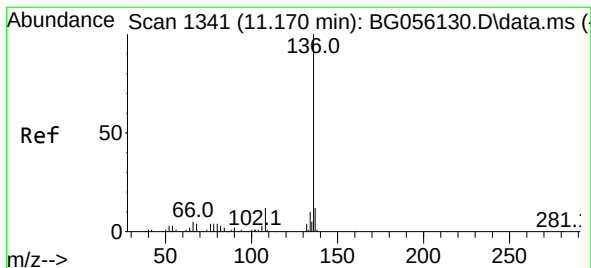
Tgt Ion:	70	Resp:	94938
Ion	Ratio	Lower	Upper
70	100		
42	22.0	18.2	27.2
101	11.3	8.3	12.5
130	23.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 38.268 ng
RT: 9.078 min Scan# 985
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:	107	Resp:	180071
Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.6	109.6
77	30.3	11.7	51.7
79	28.3	6.3	46.3

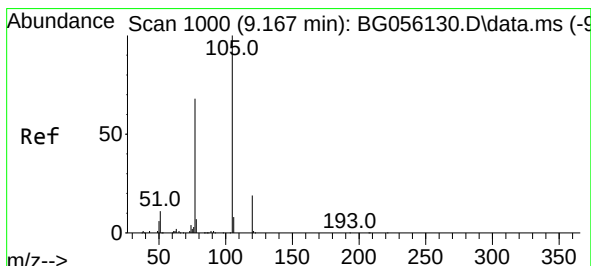
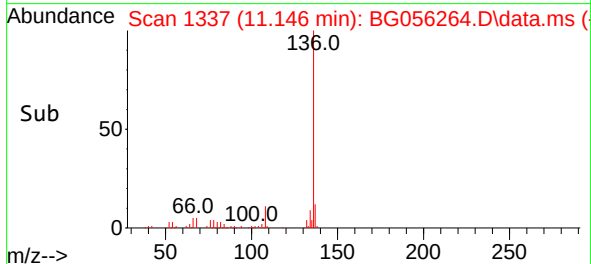
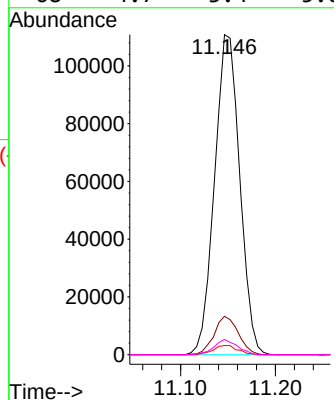
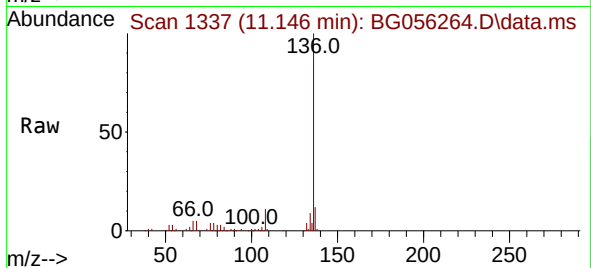




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.146 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

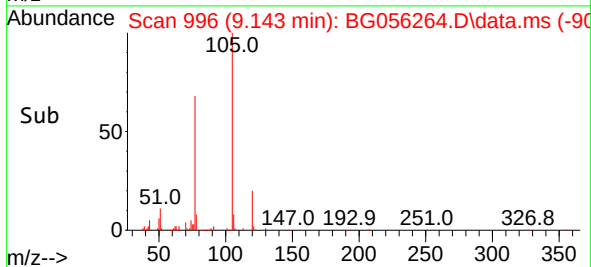
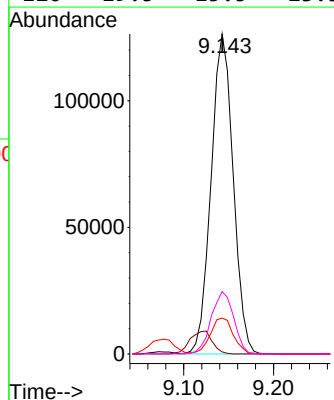
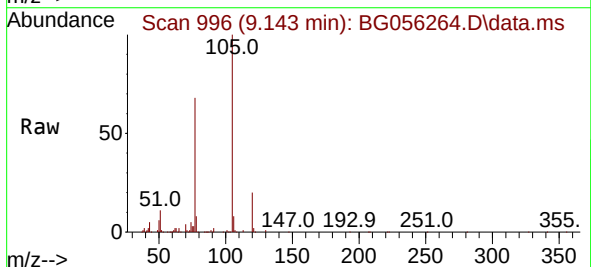
Instrument :
BNA_G
ClientSampleId :
PB150172BS

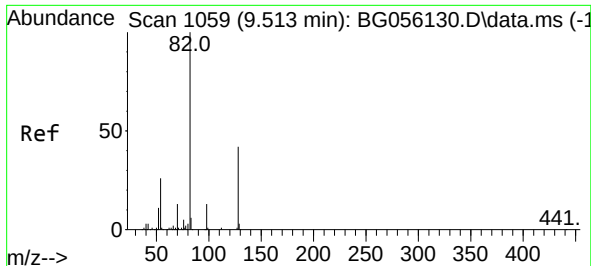
Tgt Ion:136 Resp: 204604
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.0
54 2.8 2.2 3.2
68 4.7 3.4 5.0



#22
Acetophenone
Concen: 37.322 ng
RT: 9.143 min Scan# 996
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:105 Resp: 215918
Ion Ratio Lower Upper
105 100
71 0.7 0.5 0.7
51 11.2 9.3 13.9
120 19.5 15.5 23.3





#23

Nitrobenzene-d5

Concen: 71.017 ng

RT: 9.495 min Scan# 1056

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

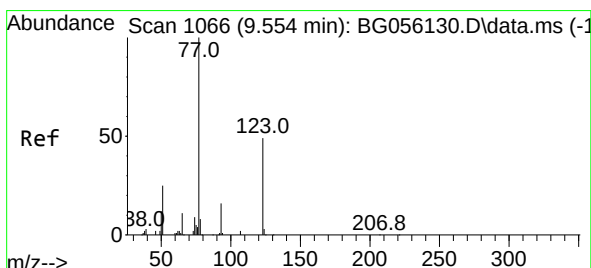
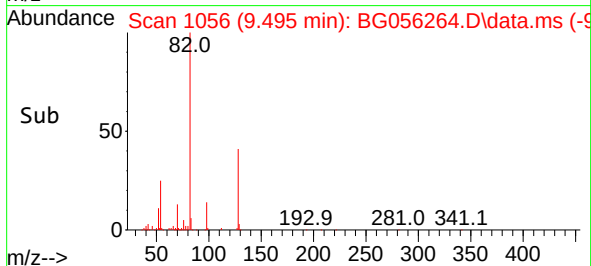
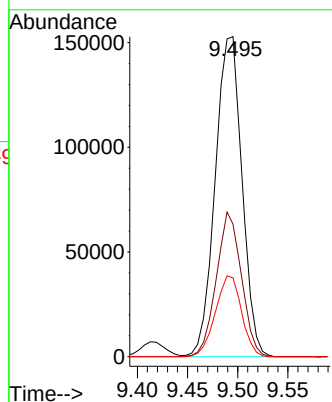
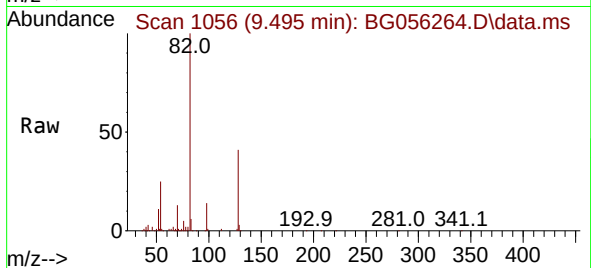
Tgt Ion: 82 Resp: 284066

Ion Ratio Lower Upper

82 100

128 41.4 33.4 50.2

54 24.7 20.3 30.5



#24

Nitrobenzene

Concen: 36.155 ng

RT: 9.536 min Scan# 1063

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

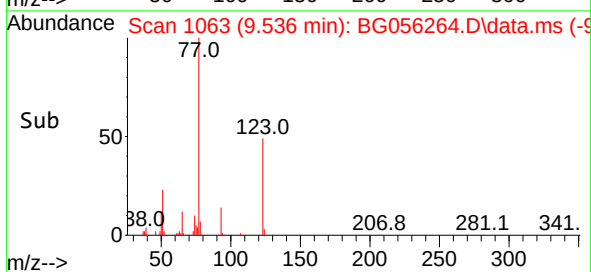
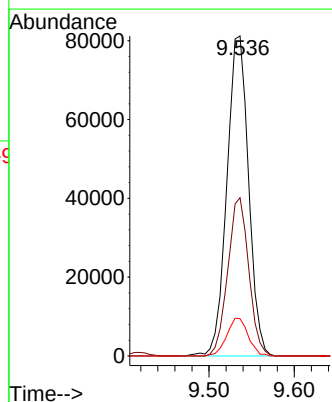
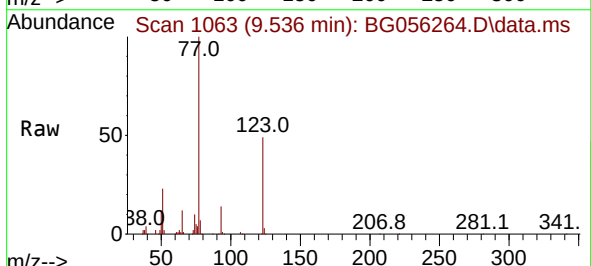
Tgt Ion: 77 Resp: 143318

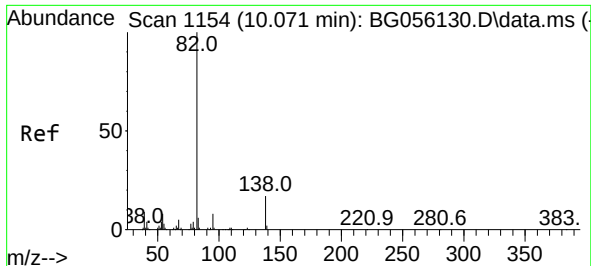
Ion Ratio Lower Upper

77 100

123 49.5 38.8 58.2

65 11.6 9.1 13.7

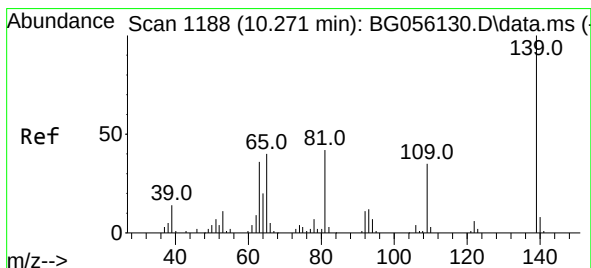
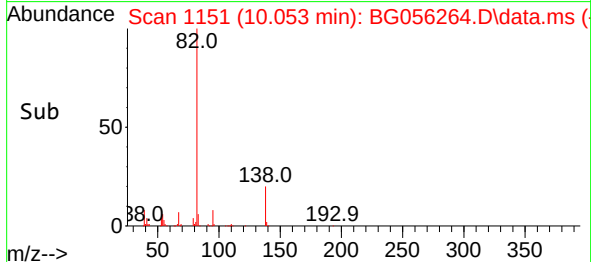
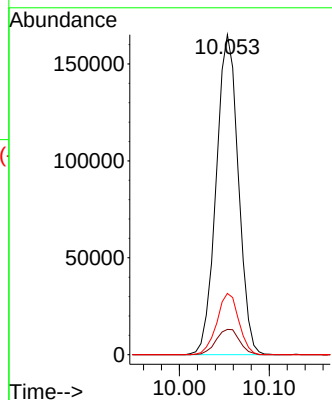
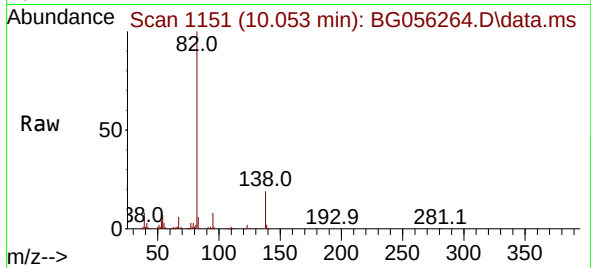




#25
Isophorone
Concen: 33.571 ng
RT: 10.053 min Scan# 1151
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

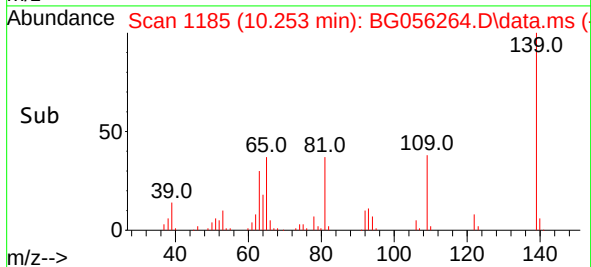
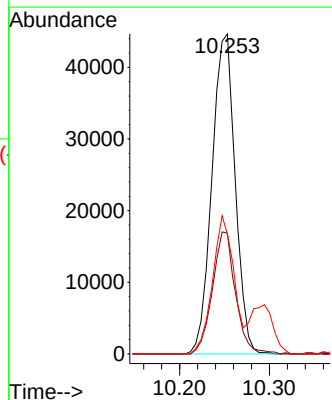
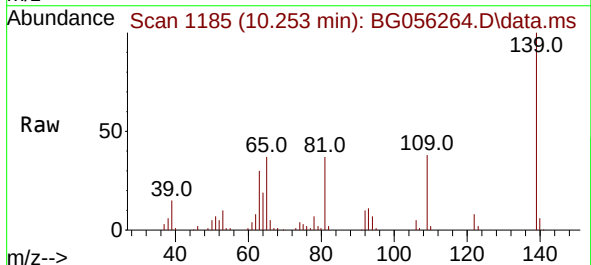
Instrument :
BNA_G
ClientSampleId :
PB150172BS

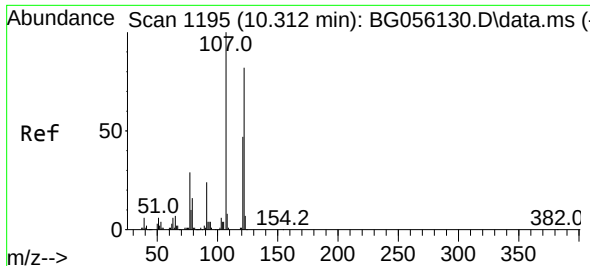
Tgt Ion: 82 Resp: 282532
Ion Ratio Lower Upper
82 100
95 7.9 6.7 10.1
138 19.1 13.7 20.5



#26
2-Nitrophenol
Concen: 39.487 ng
RT: 10.253 min Scan# 1185
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:139 Resp: 80086
Ion Ratio Lower Upper
139 100
109 37.8 28.4 42.6
65 37.4 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 38.387 ng

RT: 10.294 min Scan# 1192

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

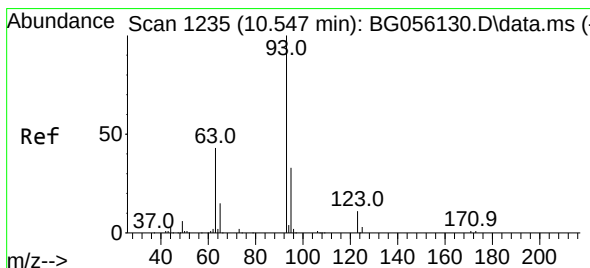
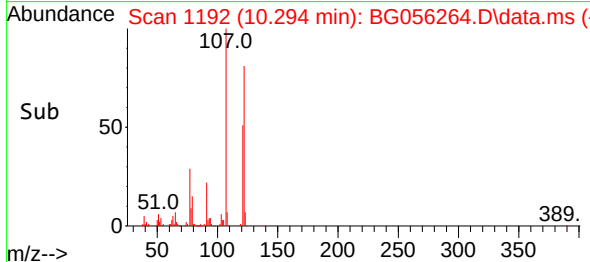
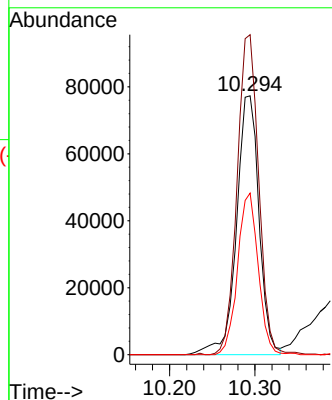
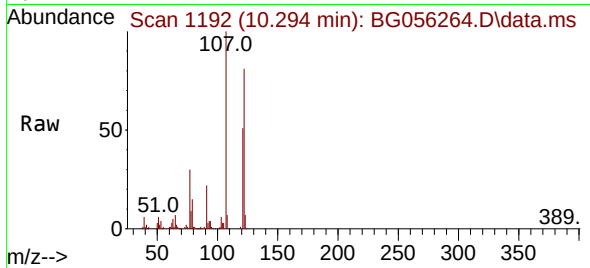
Tgt Ion:122 Resp: 142000

Ion Ratio Lower Upper

122 100

107 123.6 97.5 146.3

121 62.4 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 37.109 ng

RT: 10.529 min Scan# 1232

Delta R.T. -0.002 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

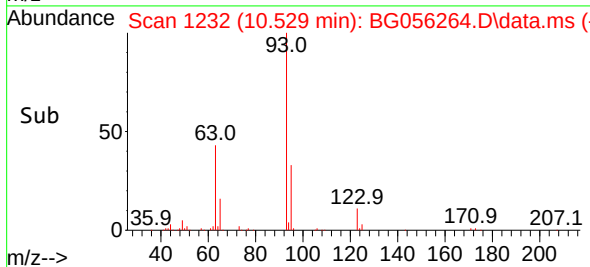
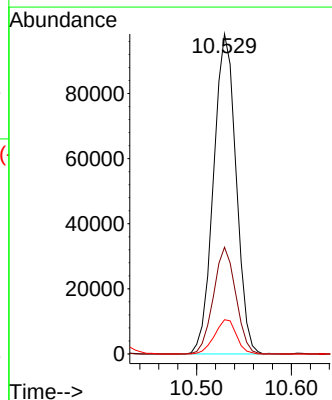
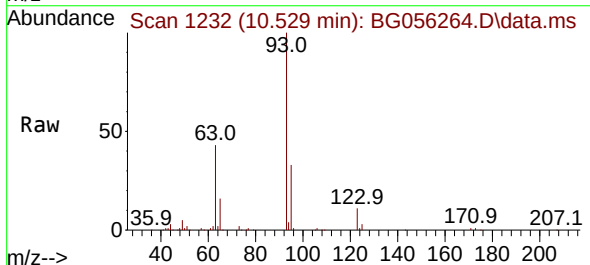
Tgt Ion: 93 Resp: 162318

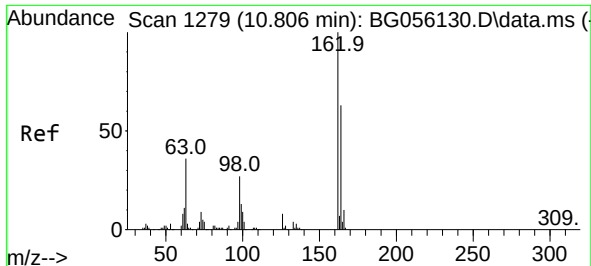
Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

123 10.7 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 40.554 ng

RT: 10.788 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

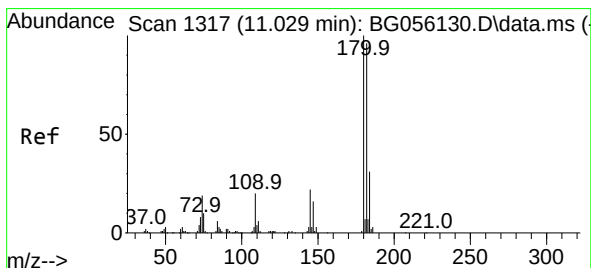
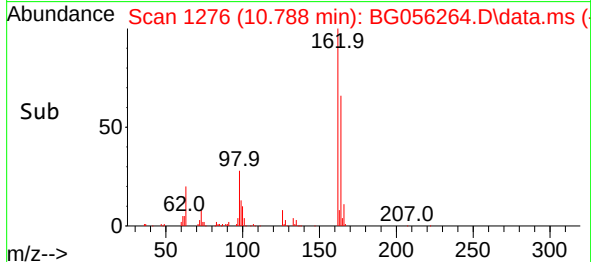
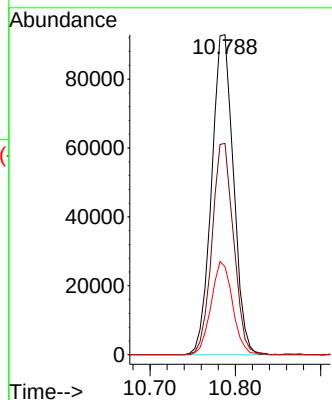
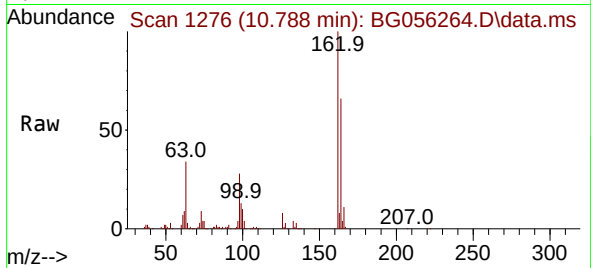
Tgt Ion:162 Resp: 165852

Ion Ratio Lower Upper

162 100

164 66.1 43.3 83.3

98 27.5 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 39.253 ng

RT: 11.005 min Scan# 1313

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

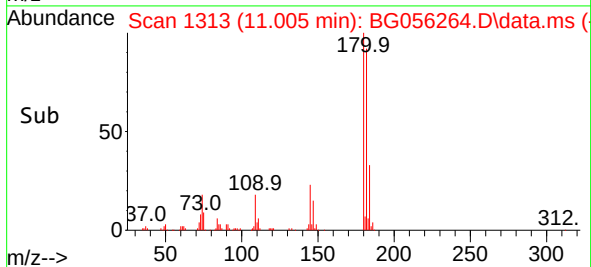
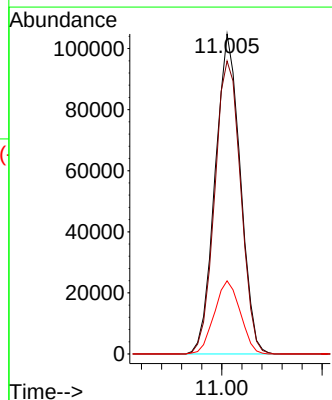
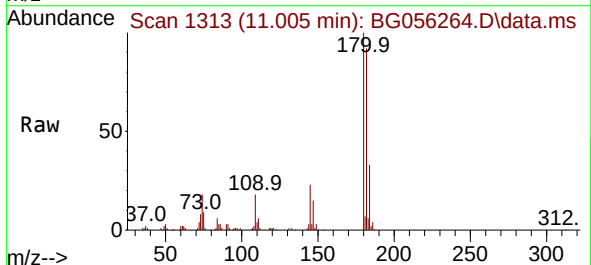
Tgt Ion:180 Resp: 182171

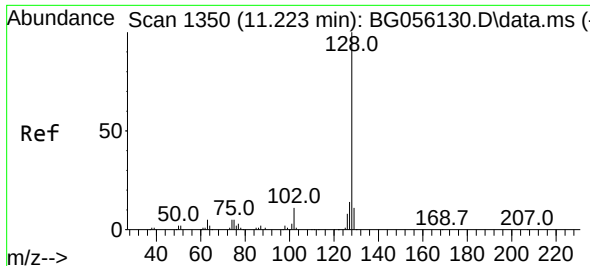
Ion Ratio Lower Upper

180 100

182 91.6 77.0 115.4

145 22.9 17.4 26.2

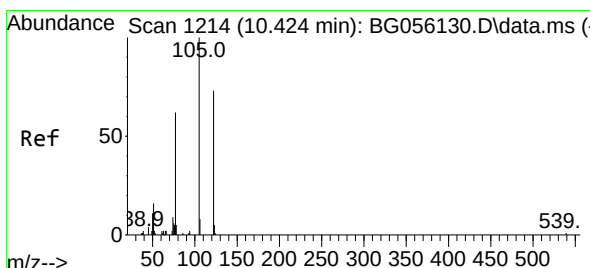
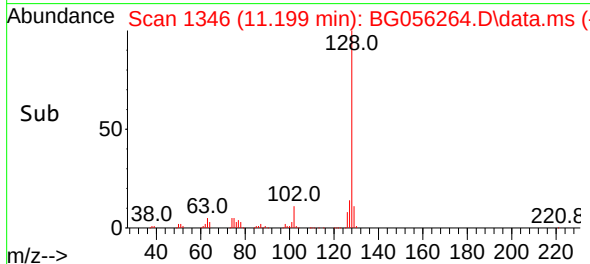
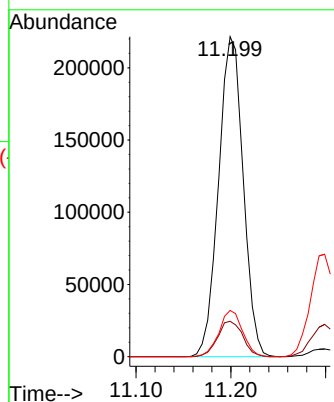
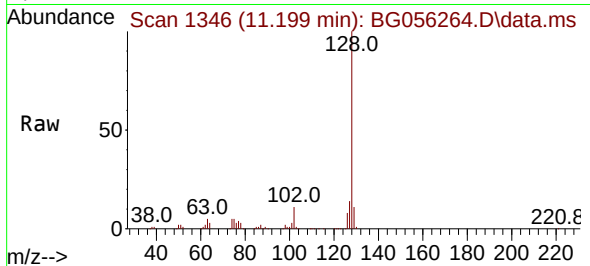




#31
Naphthalene
Concen: 37.179 ng
RT: 11.199 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

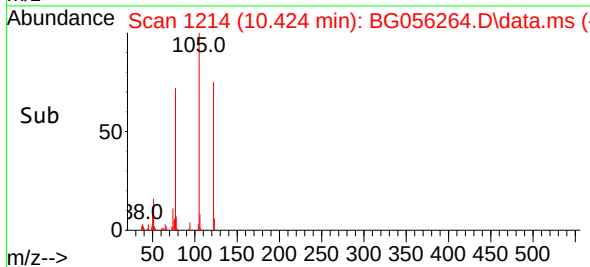
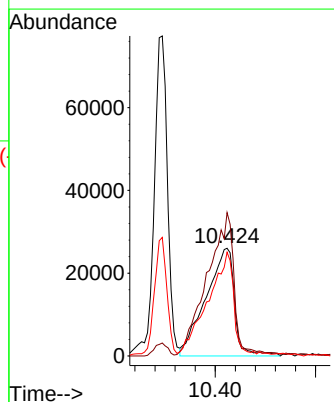
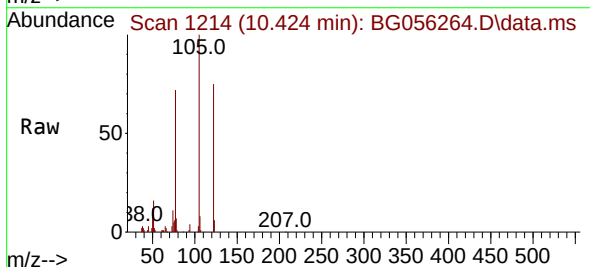
Instrument :
BNA_G
ClientSampleId :
PB150172BS

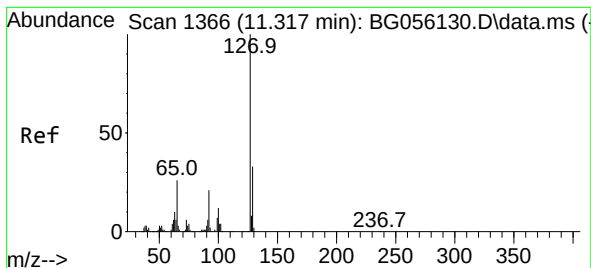
Tgt Ion:128 Resp: 400345
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 14.5 11.2 16.8



#32
Benzoic acid
Concen: 37.517 ng
RT: 10.424 min Scan# 1214
Delta R.T. 0.009 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:122 Resp: 102973
Ion Ratio Lower Upper
122 100
105 133.2 109.0 149.0
77 96.2 63.1 103.1





#33

4-Chloroaniline

Concen: 25.945 ng

RT: 11.299 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

Tgt Ion:127 Resp: 133383

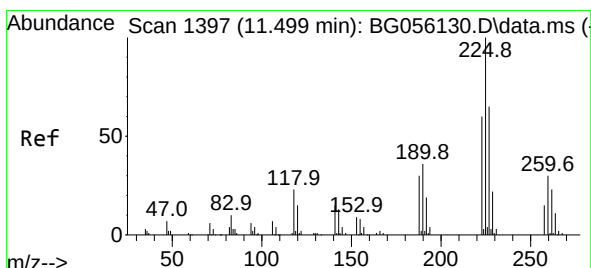
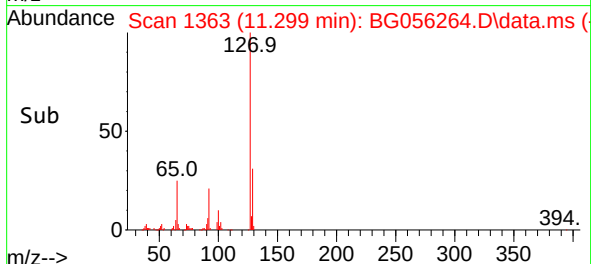
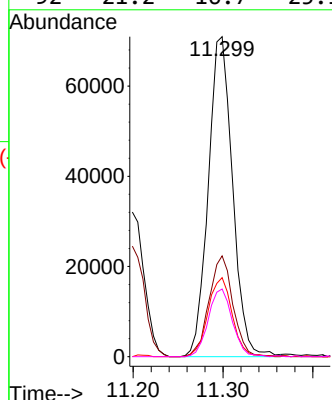
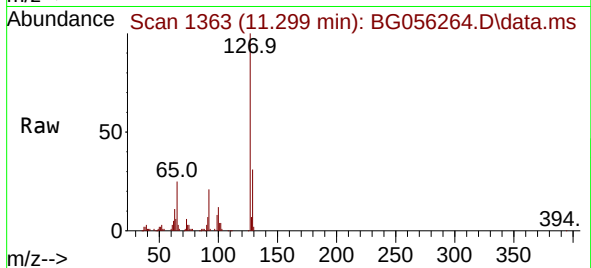
Ion Ratio Lower Upper

127 100

129 31.5 26.1 39.1

65 24.7 20.9 31.3

92 21.2 16.7 25.1



#34

Hexachlorobutadiene

Concen: 39.116 ng

RT: 11.475 min Scan# 1393

Delta R.T. -0.002 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

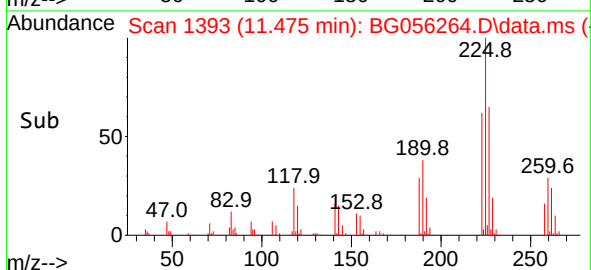
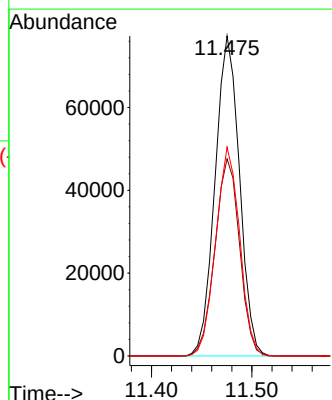
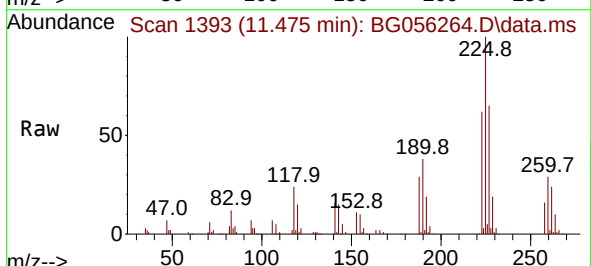
Tgt Ion:225 Resp: 130566

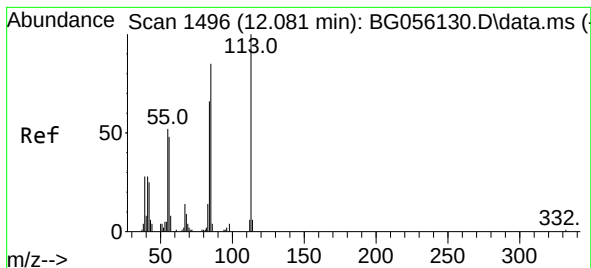
Ion Ratio Lower Upper

225 100

223 64.6 47.7 71.5

227 65.3 52.3 78.5

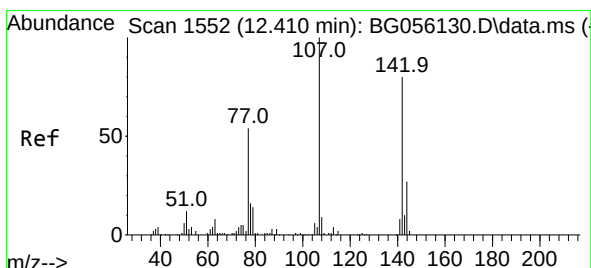
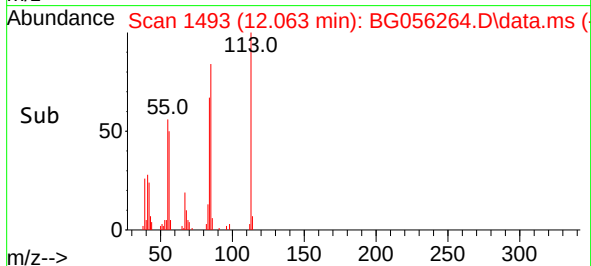
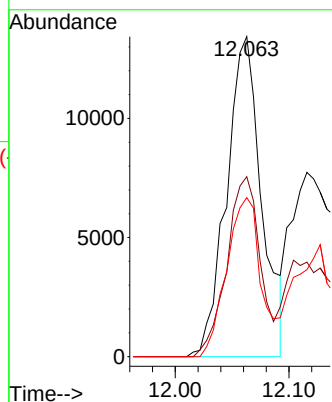
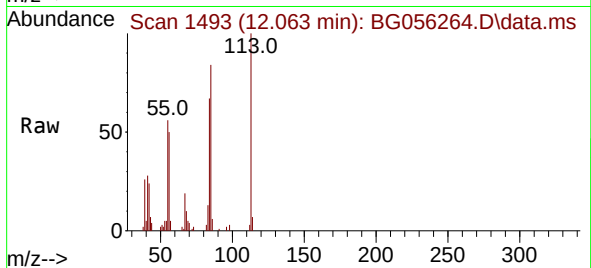




#35
Caprolactam
Concen: 20.734 ng
RT: 12.063 min Scan# 1496
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

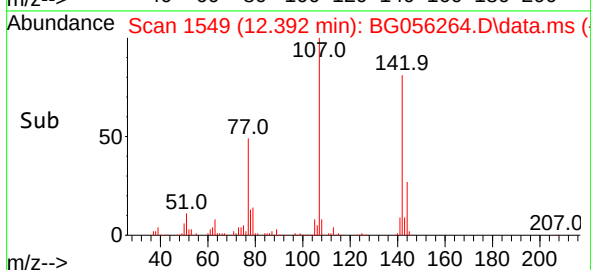
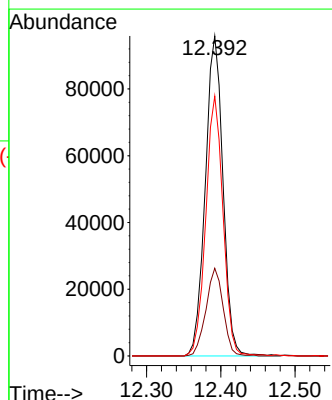
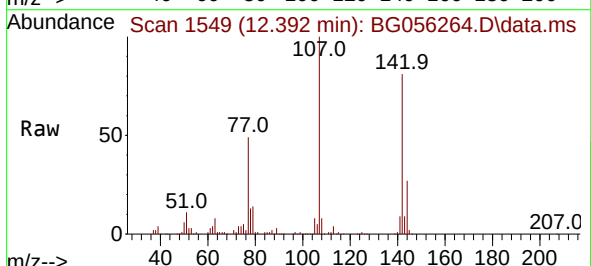
Instrument :
BNA_G
ClientSampleId :
PB150172BS

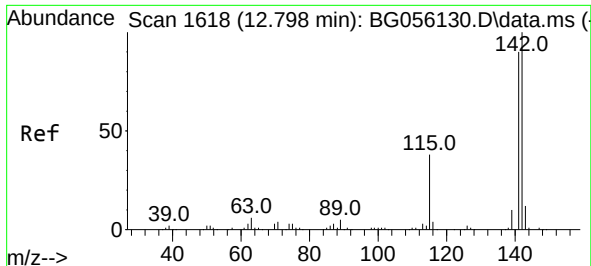
Tgt Ion:113 Resp: 28709
Ion Ratio Lower Upper
113 100
55 56.3 31.9 71.9
56 49.7 27.6 67.6



#36
4-Chloro-3-methylphenol
Concen: 38.271 ng
RT: 12.392 min Scan# 1549
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:107 Resp: 158822
Ion Ratio Lower Upper
107 100
144 27.4 21.5 32.3
142 81.2 63.8 95.6





#37

2-Methylnaphthalene

Concen: 35.010 ng

RT: 12.780 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

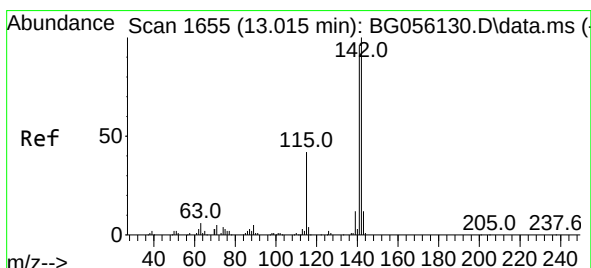
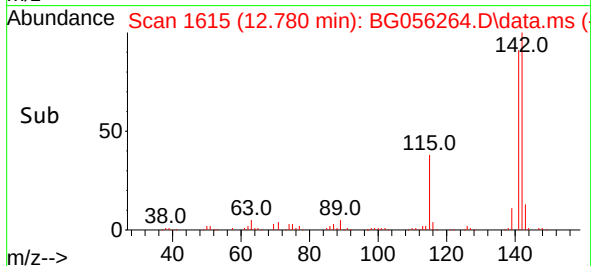
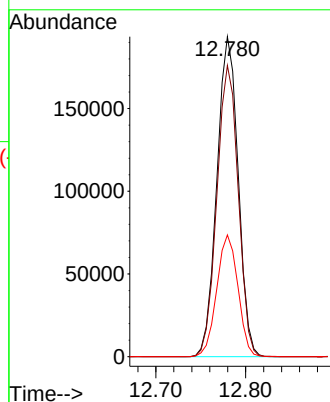
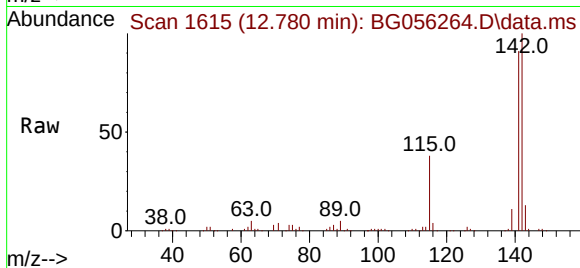
Tgt Ion:142 Resp: 318313

Ion Ratio Lower Upper

142 100

141 91.0 72.2 108.4

115 38.1 30.7 46.1



#38

1-Methylnaphthalene

Concen: 35.278 ng

RT: 12.997 min Scan# 1652

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

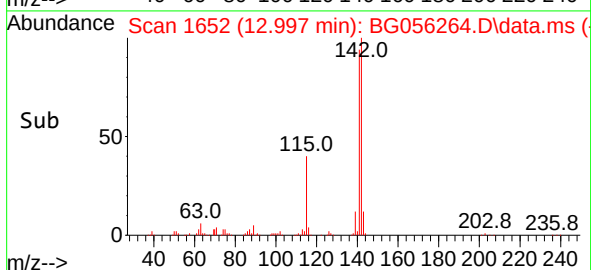
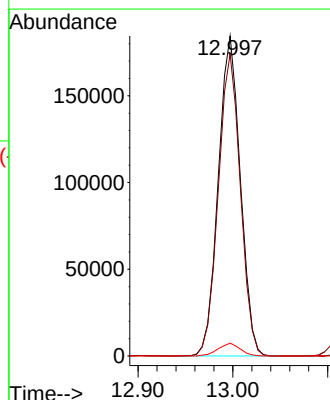
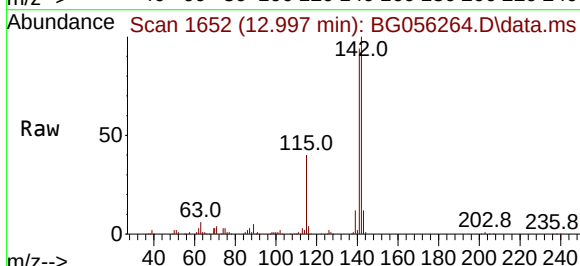
Tgt Ion:142 Resp: 297854

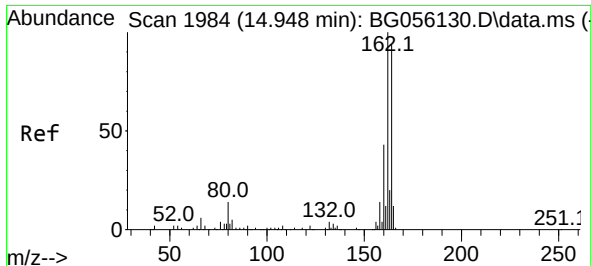
Ion Ratio Lower Upper

142 100

141 94.3 77.0 115.6

116 4.0 3.6 5.4

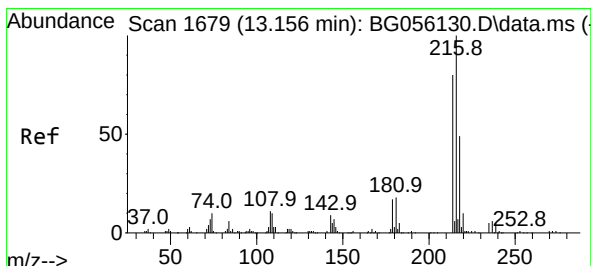
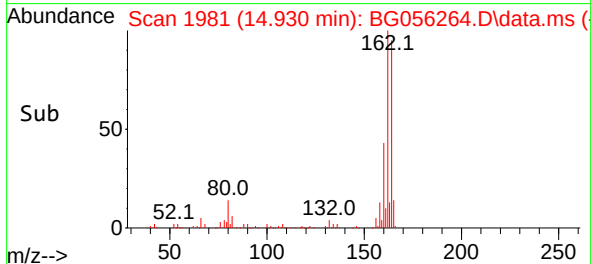
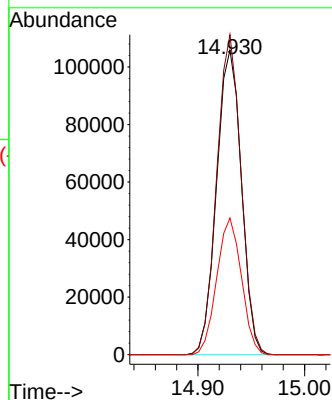
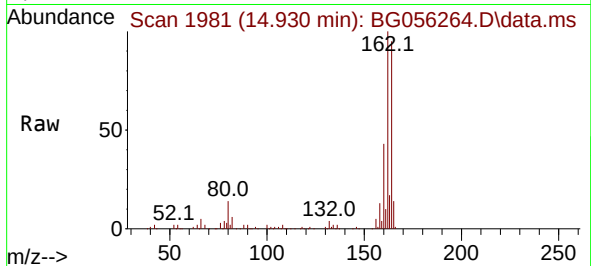




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.930 min Scan# 1984
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

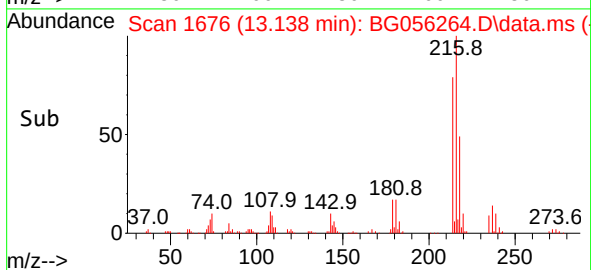
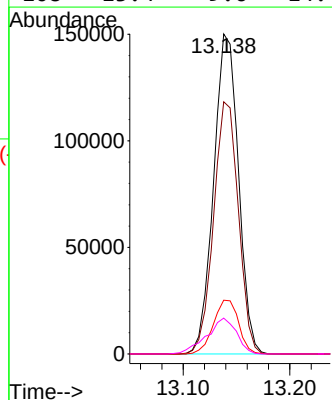
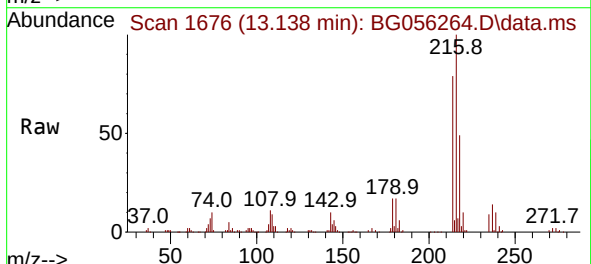
Instrument :
BNA_G
ClientSampleId :
PB150172BS

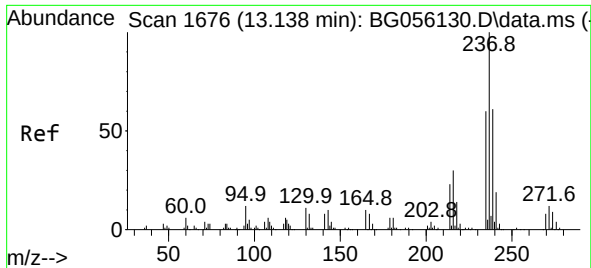
Tgt Ion:164 Resp: 170780
Ion Ratio Lower Upper
164 100
162 105.0 84.7 127.1
160 44.9 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.860 ng
RT: 13.138 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:216 Resp: 242332
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.0
179 17.1 13.6 20.4
108 13.4 9.6 14.4

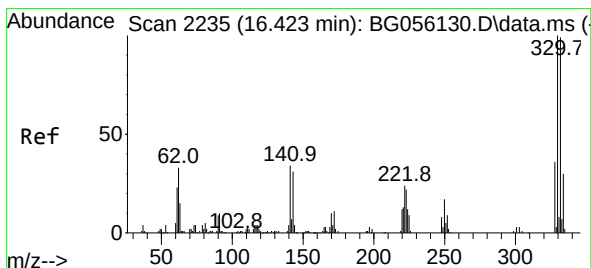
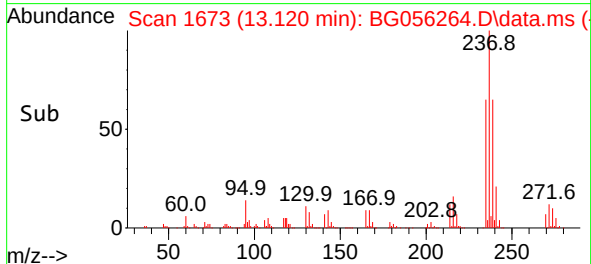
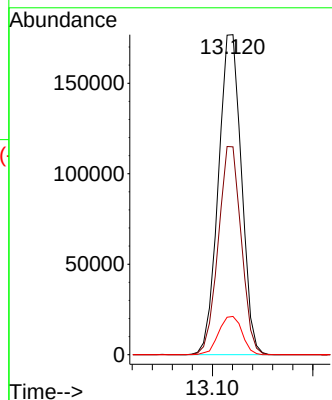
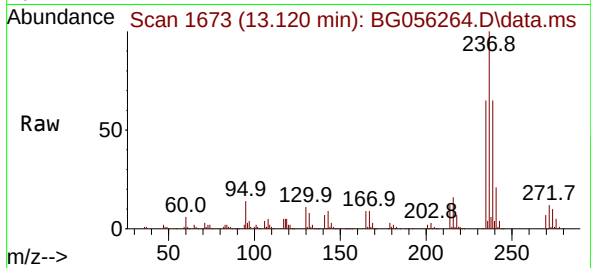




#41
Hexachlorocyclopentadiene
Concen: 77.249 ng
RT: 13.120 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

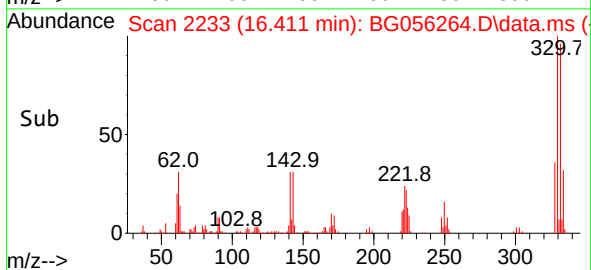
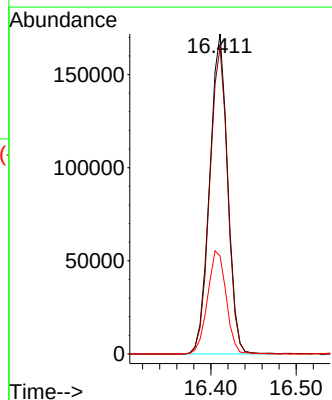
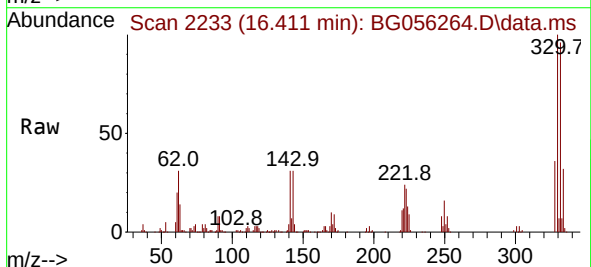
Instrument :
BNA_G
ClientSampleId :
PB150172BS

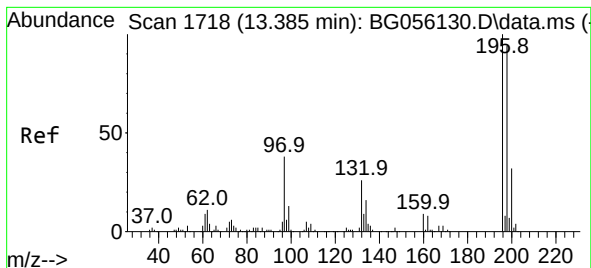
Tgt Ion:237 Resp: 281900
Ion Ratio Lower Upper
237 100
235 65.0 40.3 80.3
272 12.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 116.692 ng
RT: 16.411 min Scan# 2233
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:330 Resp: 252394
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 33.3 27.9 41.9





#43

2,4,6-Trichlorophenol

Concen: 38.898 ng

RT: 13.367 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

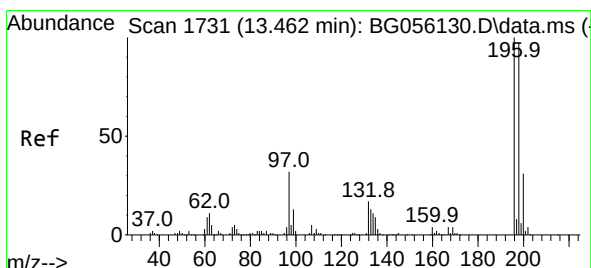
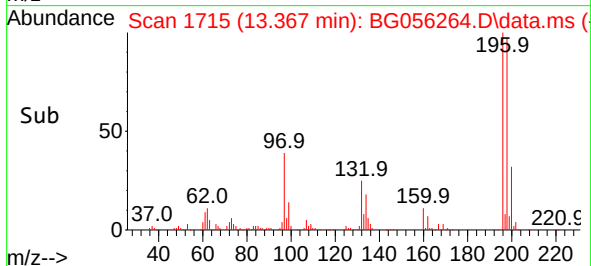
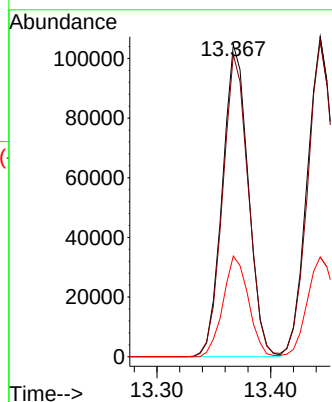
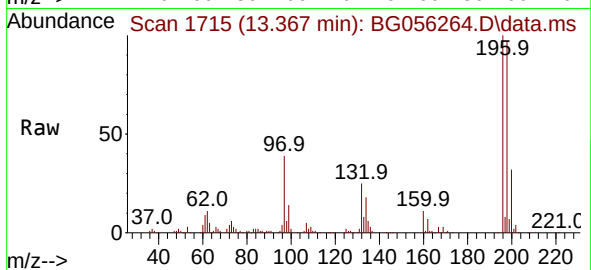
Tgt Ion:196 Resp: 164634

Ion Ratio Lower Upper

196 100

198 96.9 75.5 113.3

200 32.3 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 35.431 ng

RT: 13.444 min Scan# 1728

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Tgt Ion:196 Resp: 177394

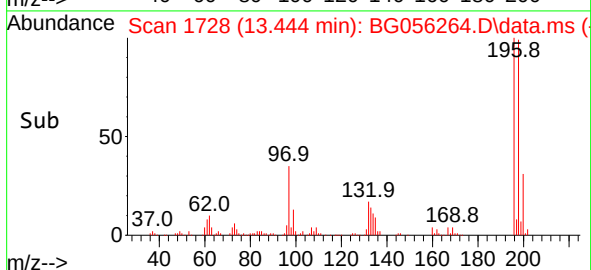
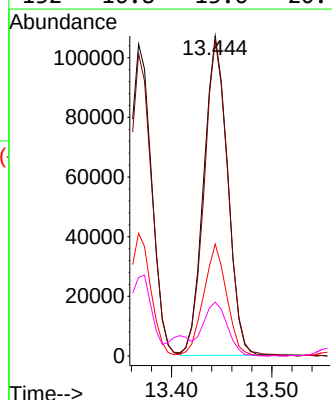
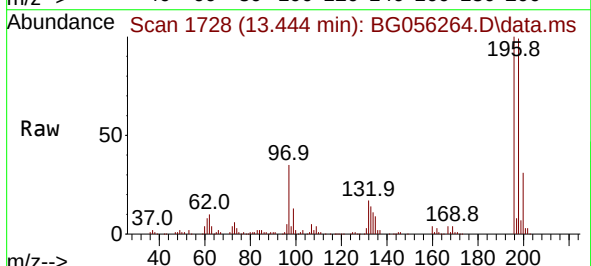
Ion Ratio Lower Upper

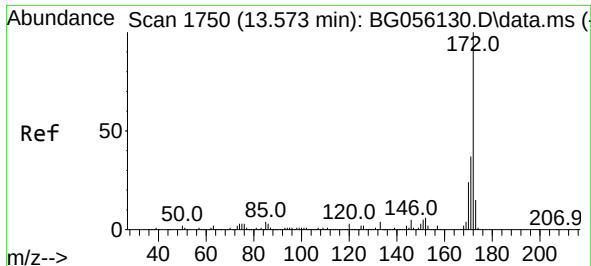
196 100

198 98.7 78.0 117.0

97 34.9 25.7 38.5

132 16.8 13.6 20.4

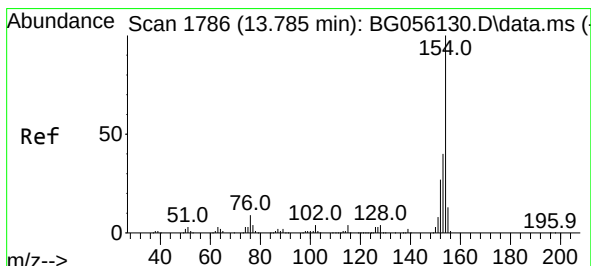
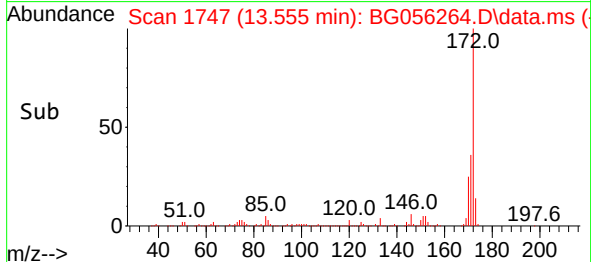
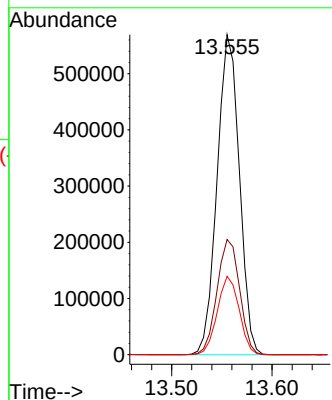
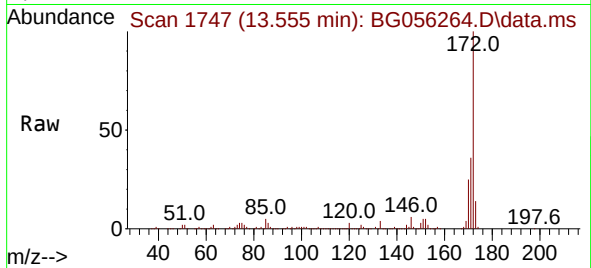




#45
2-Fluorobiphenyl
Concen: 70.814 ng
RT: 13.555 min Scan# 1747
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

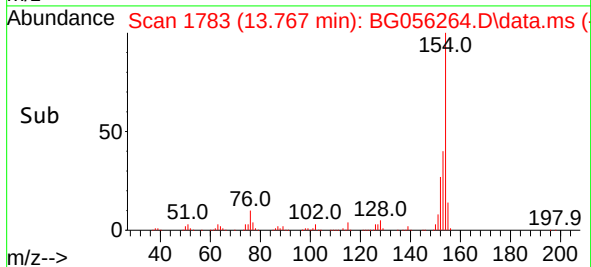
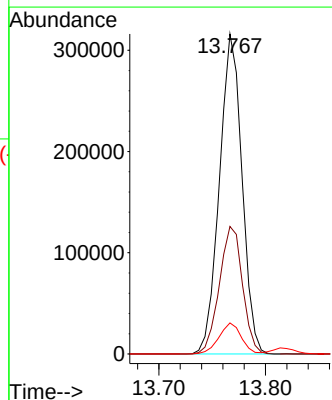
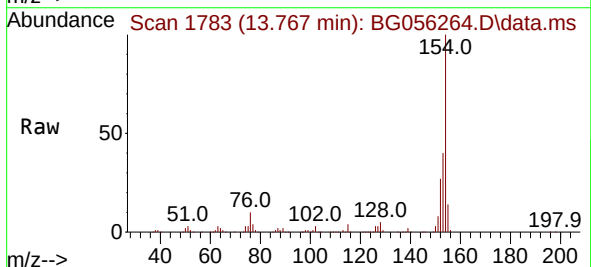
Instrument :
BNA_G
ClientSampleId :
PB150172BS

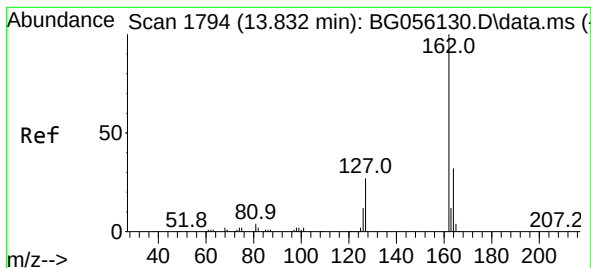
Tgt Ion:172 Resp: 875776
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.5 19.4 29.2



#46
1,1'-Biphenyl
Concen: 37.903 ng
RT: 13.767 min Scan# 1783
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:154 Resp: 463581
Ion Ratio Lower Upper
154 100
153 39.8 20.0 60.0
76 9.7 0.0 29.3





#47

2-Chloronaphthalene

Concen: 38.432 ng

RT: 13.820 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

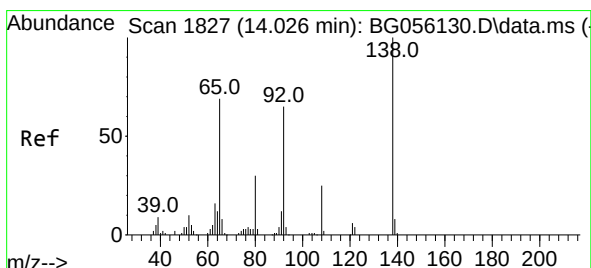
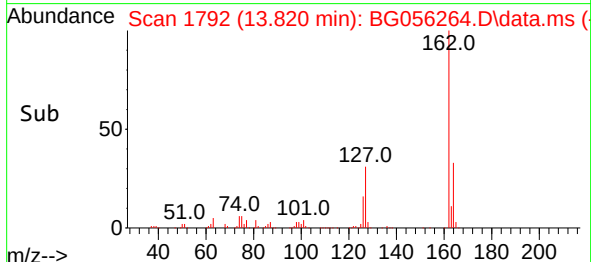
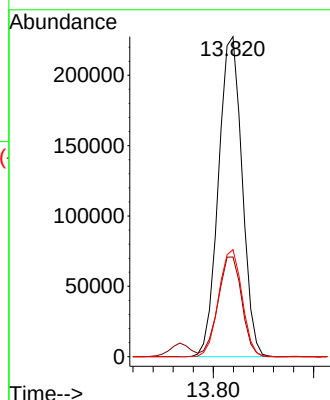
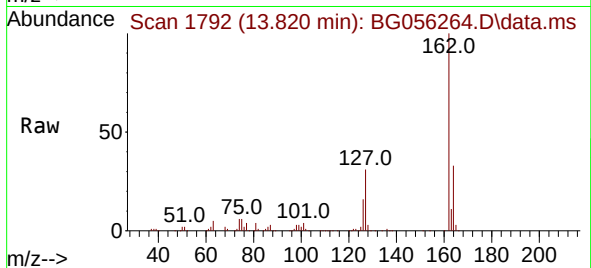
Tgt Ion:162 Resp: 371021

Ion Ratio Lower Upper

162 100

127 31.1 24.6 36.8

164 33.4 25.8 38.8



#48

2-Nitroaniline

Concen: 38.164 ng

RT: 14.013 min Scan# 1825

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

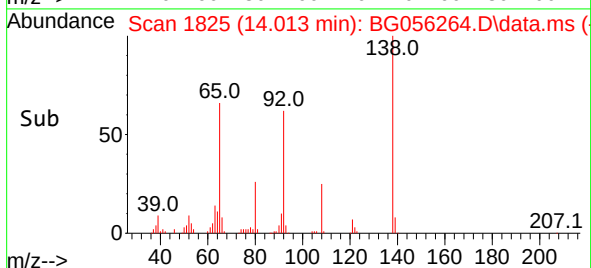
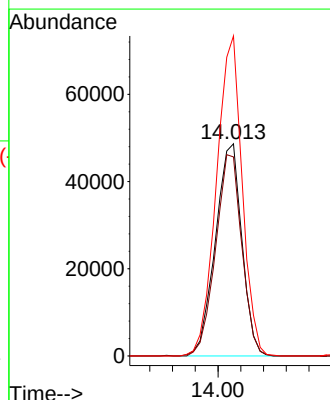
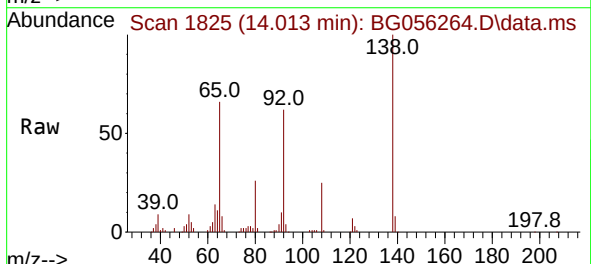
Tgt Ion: 65 Resp: 78499

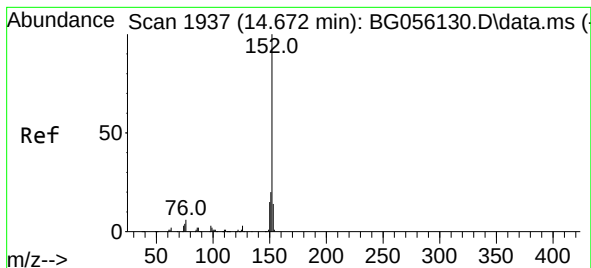
Ion Ratio Lower Upper

65 100

92 93.8 76.0 114.0

138 150.8 116.6 174.8





#49

Acenaphthylene

Concen: 36.551 ng

RT: 14.654 min Scan# 1934

Delta R.T. -0.002 min

Lab File: BG056264.D

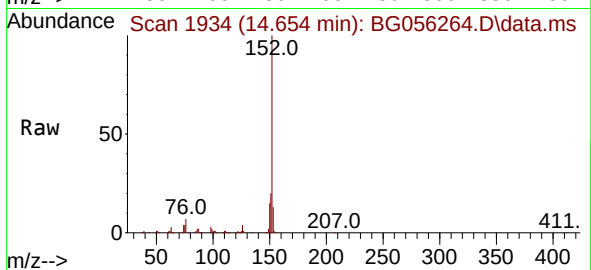
Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS



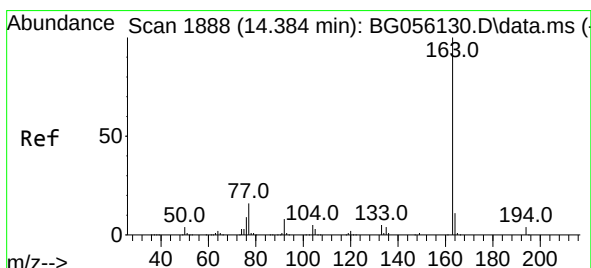
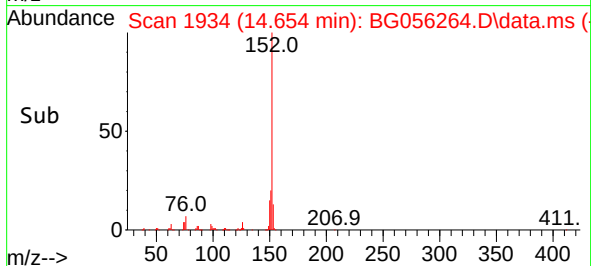
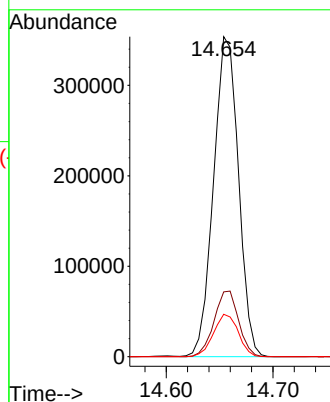
Tgt Ion:152 Resp: 574212

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.3 11.0 16.6



#50

Dimethylphthalate

Concen: 35.870 ng

RT: 14.372 min Scan# 1886

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

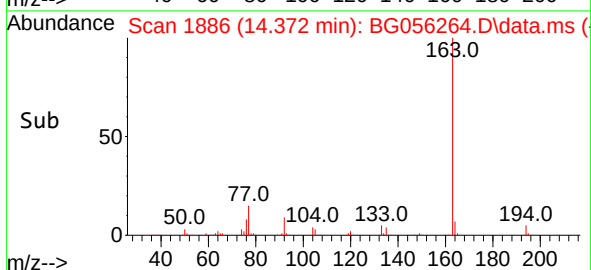
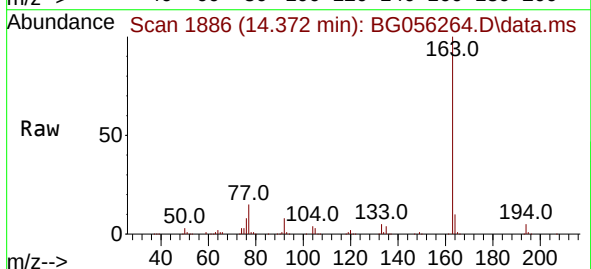
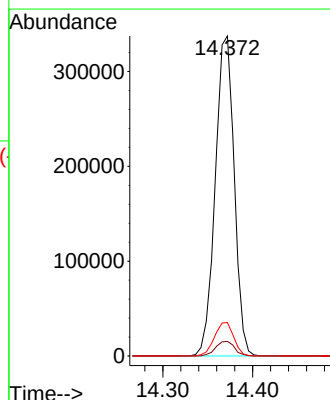
Tgt Ion:163 Resp: 494524

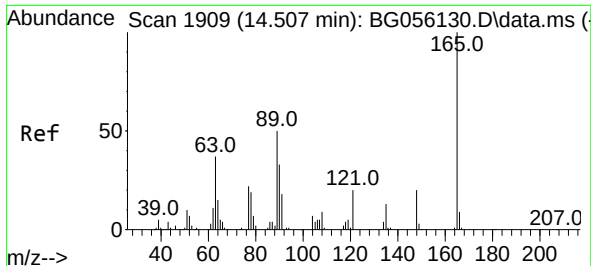
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.5 8.7 13.1





#51

2,6-Dinitrotoluene

Concen: 37.119 ng

RT: 14.495 min Scan# 1909

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

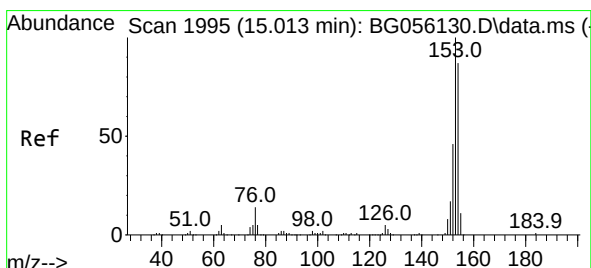
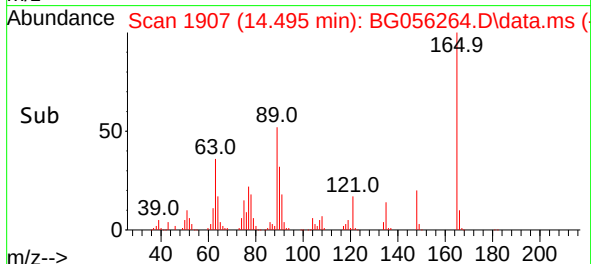
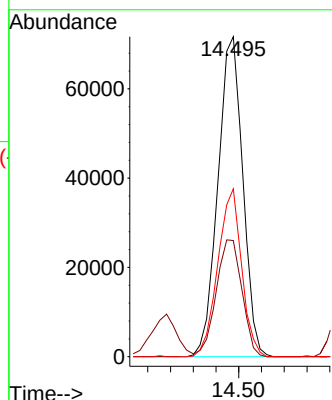
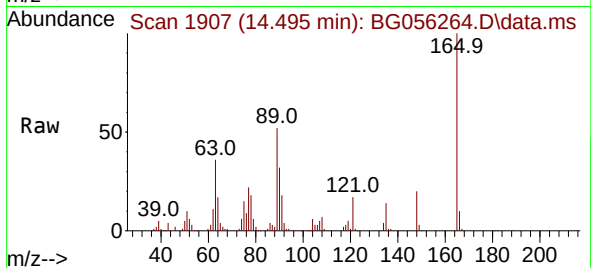
Tgt Ion:165 Resp: 109043

Ion Ratio Lower Upper

165 100

63 36.3 32.2 48.2

89 52.5 39.8 59.8



#52

Acenaphthene

Concen: 35.152 ng

RT: 14.995 min Scan# 1992

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

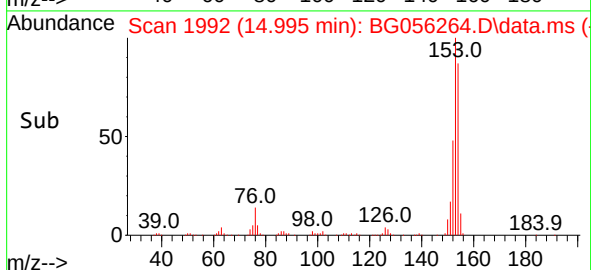
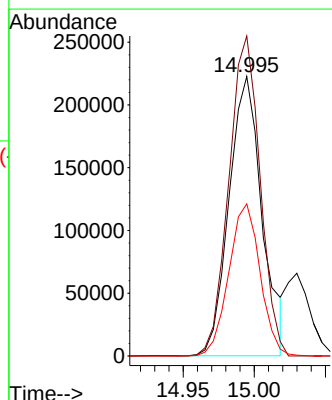
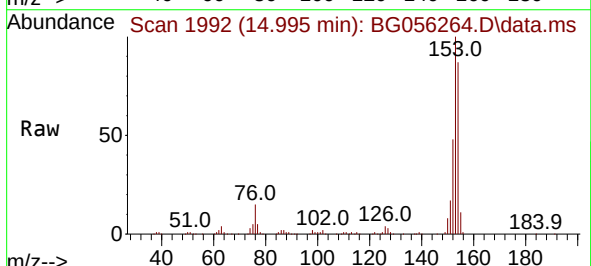
Tgt Ion:154 Resp: 359175

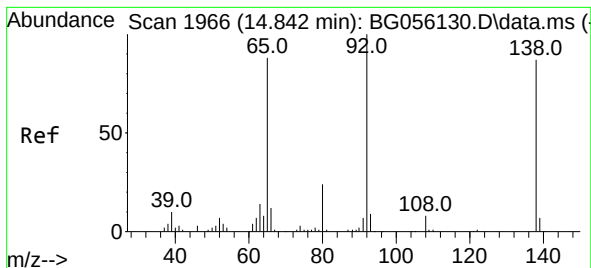
Ion Ratio Lower Upper

154 100

153 114.5 92.0 138.0

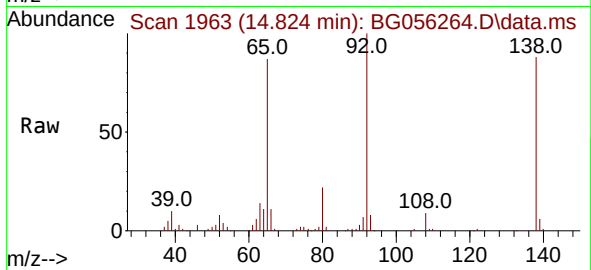
152 54.5 42.5 63.7



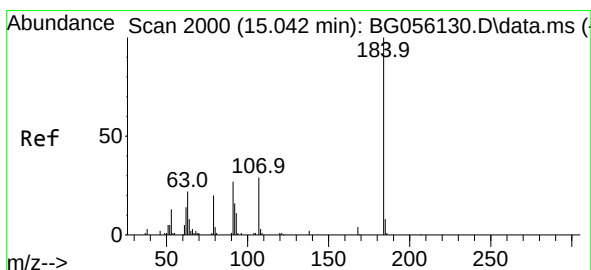
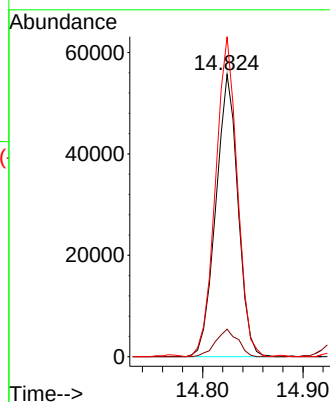
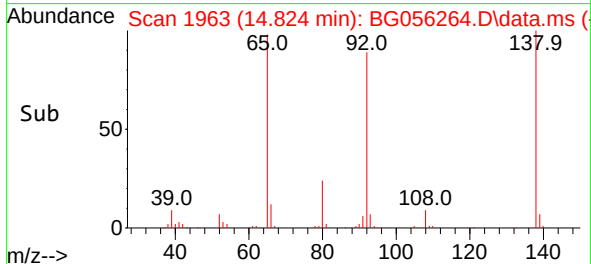


#53
3-Nitroaniline
Concen: 30.380 ng
RT: 14.824 min Scan# 1963
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

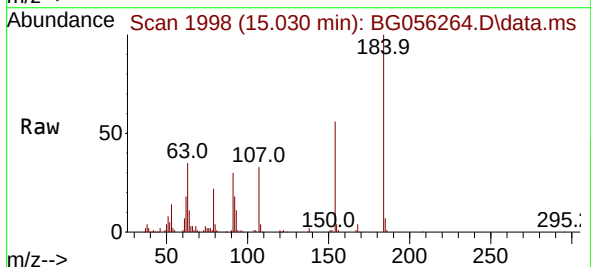
Instrument :
BNA_G
ClientSampleId :
PB150172BS



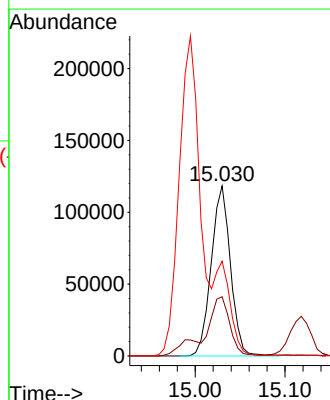
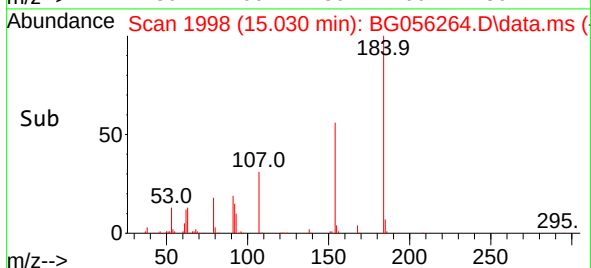
Tgt Ion:138 Resp: 84936
Ion Ratio Lower Upper
138 100
108 9.8 7.6 11.4
92 113.4 91.7 137.5

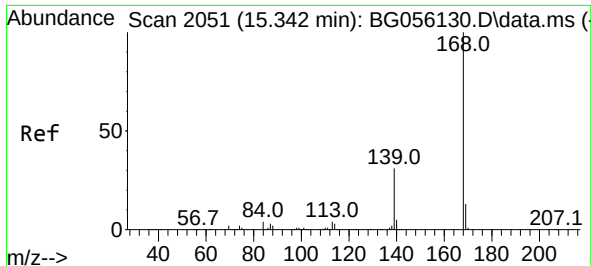


#54
2,4-Dinitrophenol
Concen: 84.089 ng
RT: 15.030 min Scan# 1998
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36



Tgt Ion:184 Resp: 176471
Ion Ratio Lower Upper
184 100
63 34.8 24.0 36.0
154 55.6 45.4 68.0

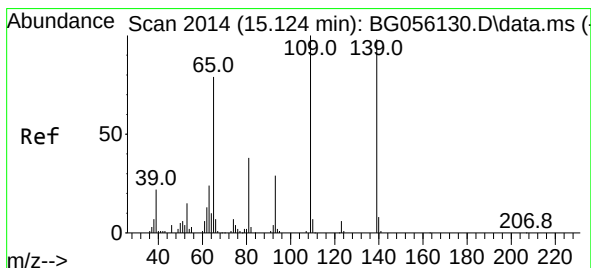
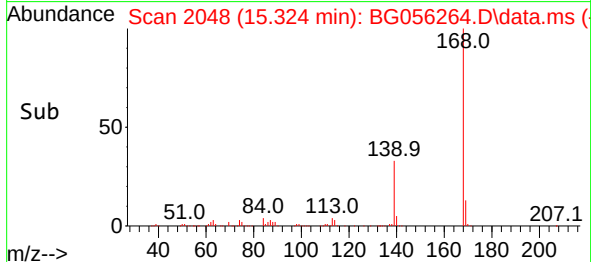
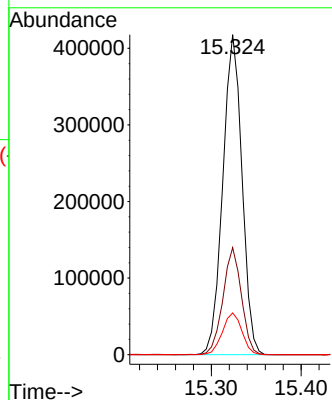
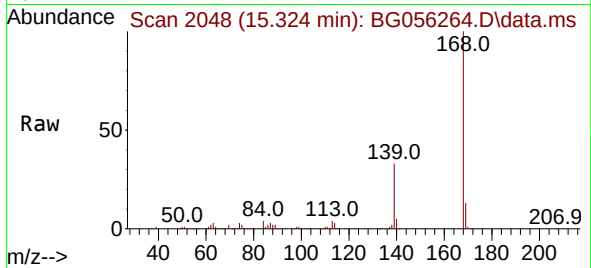




#55
Dibenzofuran
Concen: 36.612 ng
RT: 15.324 min Scan# 2051
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

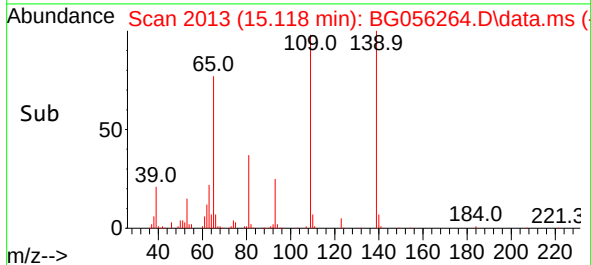
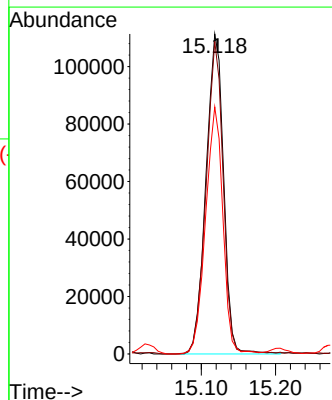
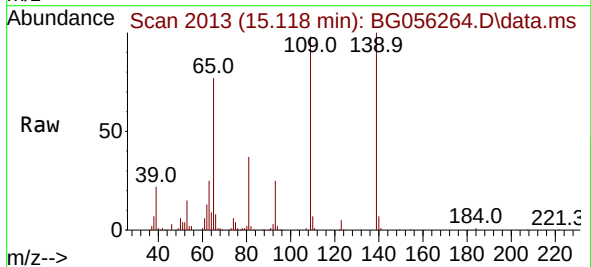
Instrument :
BNA_G
ClientSampleId :
PB150172BS

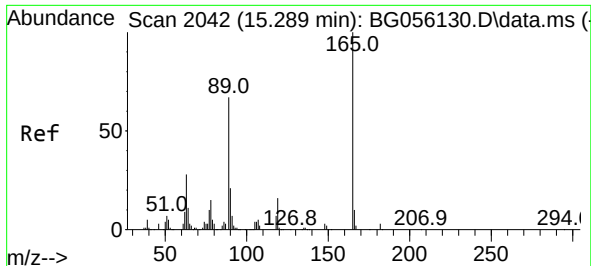
Tgt Ion:168 Resp: 619056
Ion Ratio Lower Upper
168 100
139 33.5 24.7 37.1
169 13.0 10.3 15.5



#56
4-Nitrophenol
Concen: 85.661 ng
RT: 15.118 min Scan# 2013
Delta R.T. 0.009 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:139 Resp: 184189
Ion Ratio Lower Upper
139 100
109 97.7 82.2 122.2
65 77.2 60.6 100.6

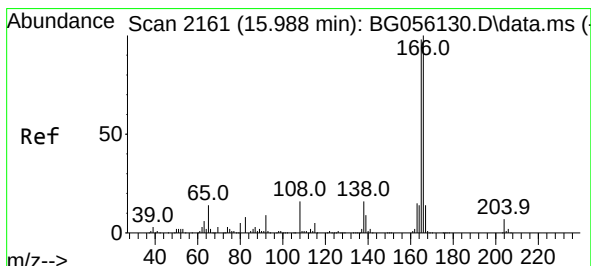
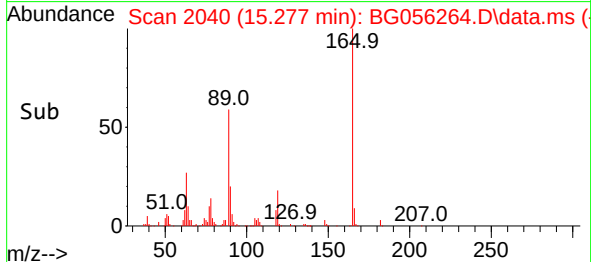
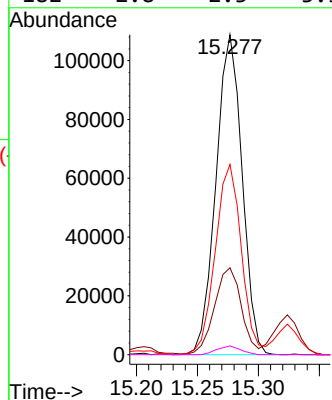
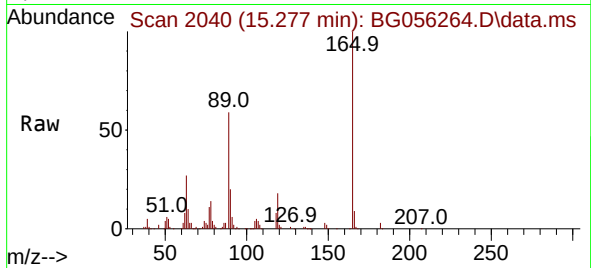




#57
2,4-Dinitrotoluene
Concen: 39.558 ng
RT: 15.277 min Scan# 2040
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

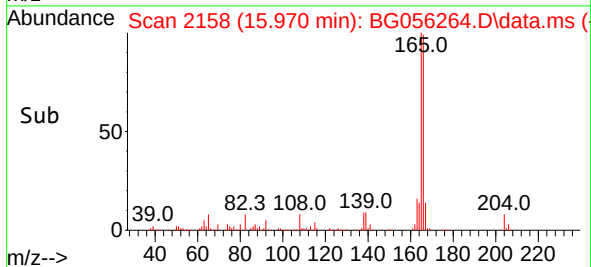
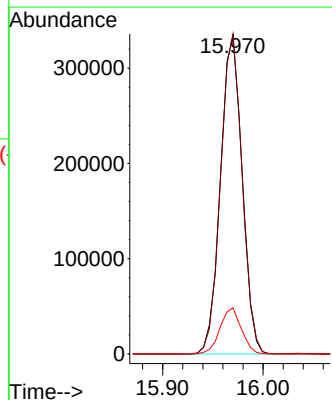
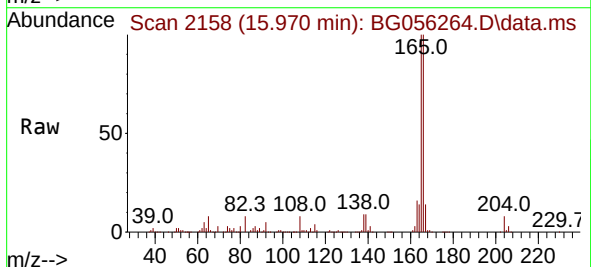
Instrument :
BNA_G
ClientSampleId :
PB150172BS

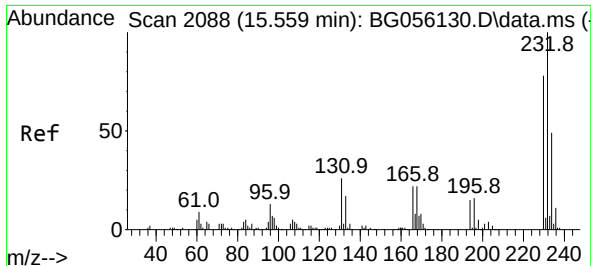
Tgt Ion:165 Resp: 162516
Ion Ratio Lower Upper
165 100
63 27.1 22.6 34.0
89 59.5 53.2 79.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 36.870 ng
RT: 15.970 min Scan# 2158
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:166 Resp: 501422
Ion Ratio Lower Upper
166 100
165 100.5 78.6 118.0
167 14.5 11.1 16.7



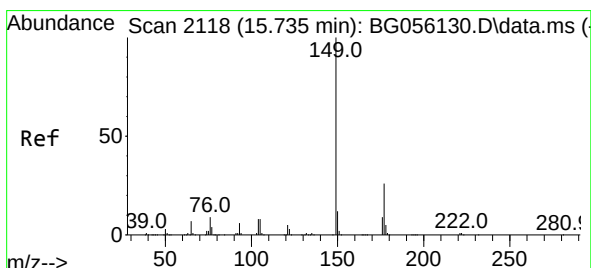
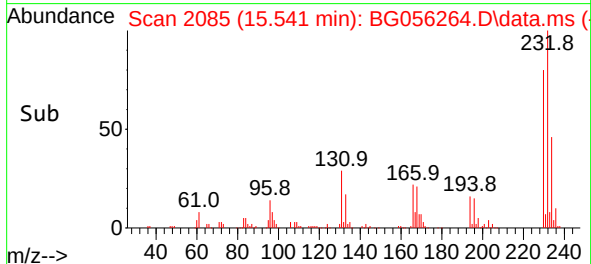
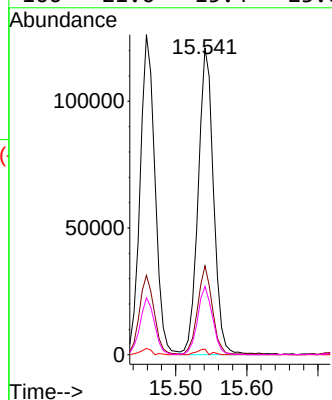
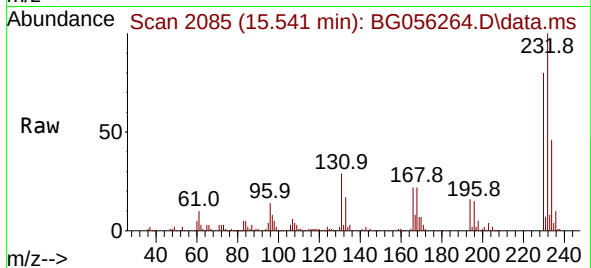


#59
2,3,4,6-Tetrachlorophenol
Concen: 38.898 ng
RT: 15.541 min Scan# 2085
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Instrument :
BNA_G
ClientSampleId :
PB150172BS

Tgt Ion:232 Resp: 182861

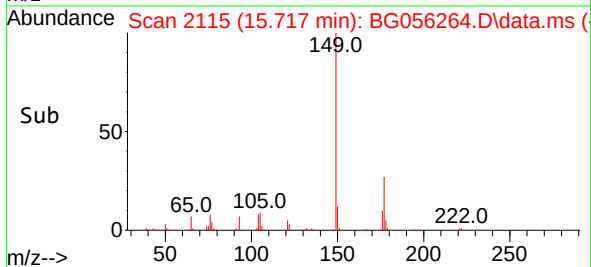
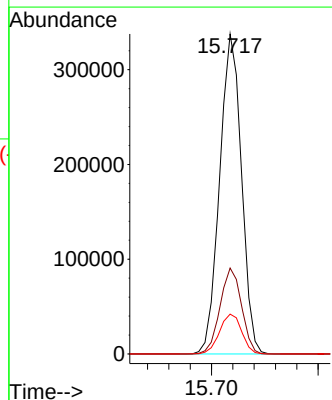
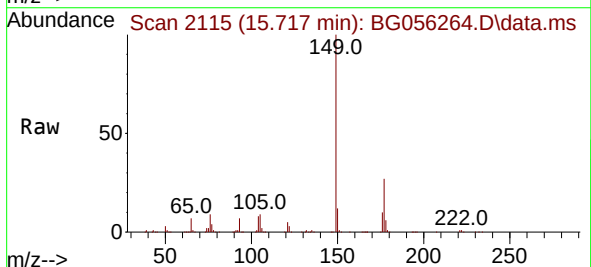
Ion	Ratio	Lower	Upper
232	100		
131	27.1	21.4	32.2
130	1.4	1.4	2.0
166	21.6	15.4	23.0

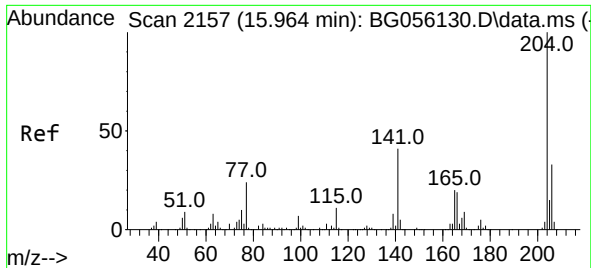


#60
Diethylphthalate
Concen: 37.024 ng
RT: 15.717 min Scan# 2115
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:149 Resp: 478688

Ion	Ratio	Lower	Upper
149	100		
177	26.9	20.6	31.0
150	12.5	9.9	14.9

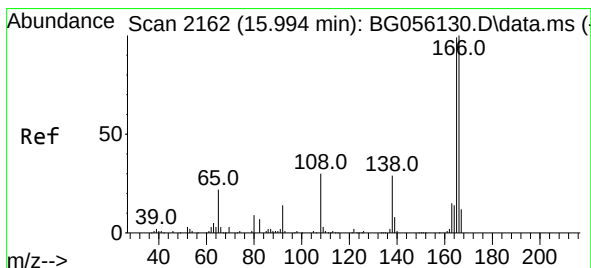
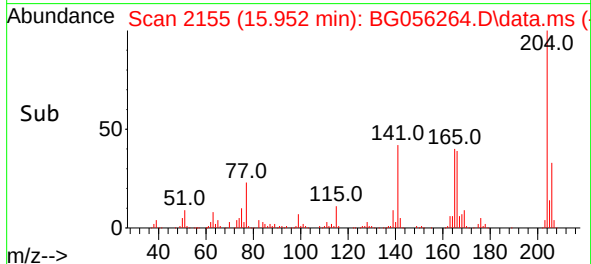
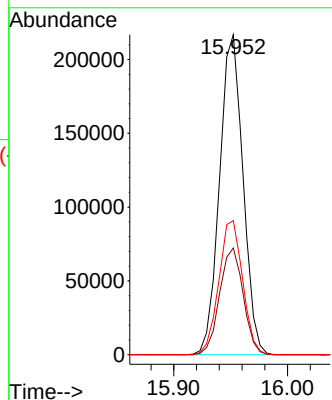
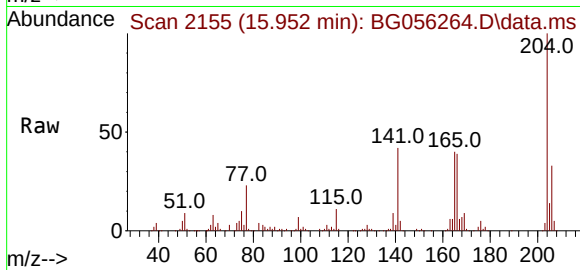




#61
4-Chlorophenyl-phenylether
Concen: 36.586 ng
RT: 15.952 min Scan# 2155
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

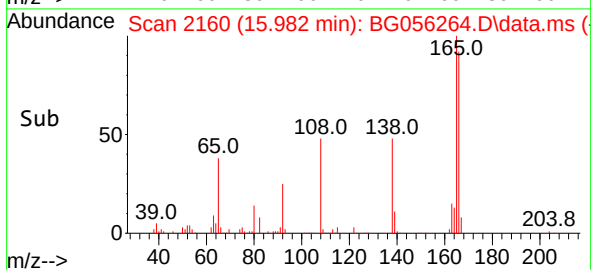
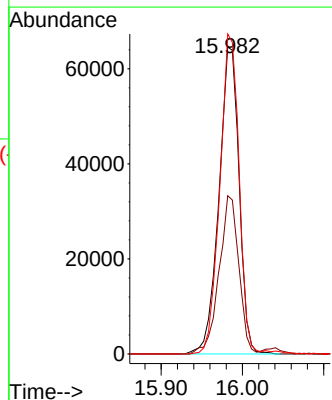
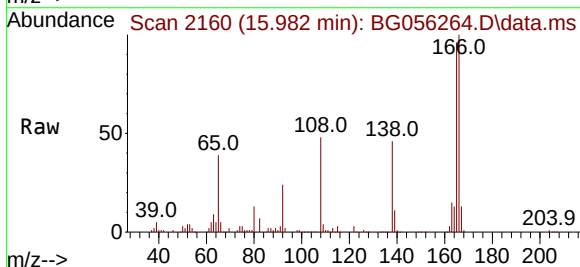
Instrument :
BNA_G
ClientSampleId :
PB150172BS

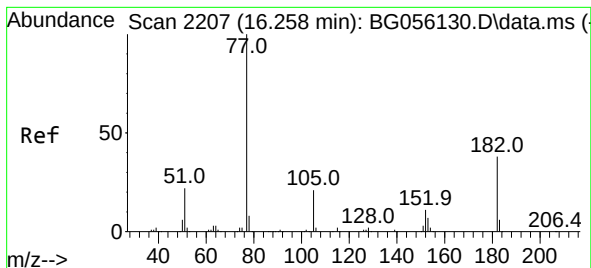
Tgt Ion:204 Resp: 310505
Ion Ratio Lower Upper
204 100
206 33.4 26.4 39.6
141 41.9 33.0 49.4



#62
4-Nitroaniline
Concen: 38.830 ng
RT: 15.982 min Scan# 2160
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:138 Resp: 111203
Ion Ratio Lower Upper
138 100
92 51.6 28.6 68.6
108 104.3 83.4 123.4





#63

Azobenzene

Concen: 36.113 ng

RT: 16.246 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

Tgt Ion: 77 Resp: 360307

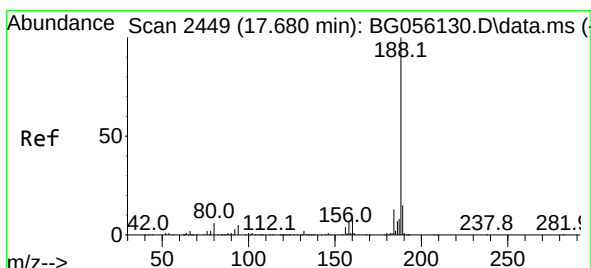
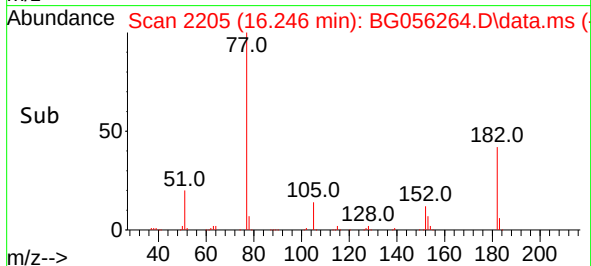
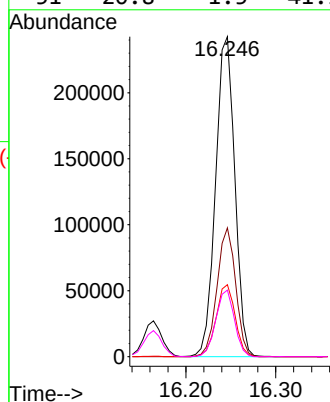
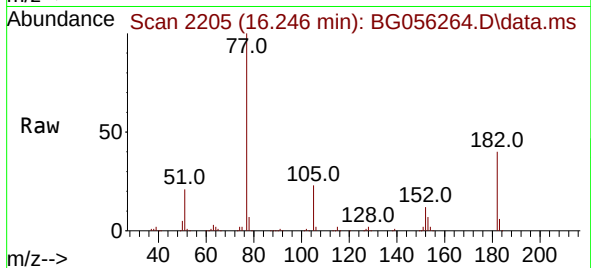
Ion Ratio Lower Upper

77 100

182 40.3 18.5 58.5

105 22.5 1.4 41.4

51 20.8 1.5 41.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.662 min Scan# 2446

Delta R.T. -0.002 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

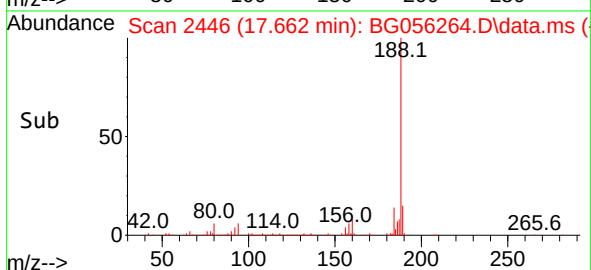
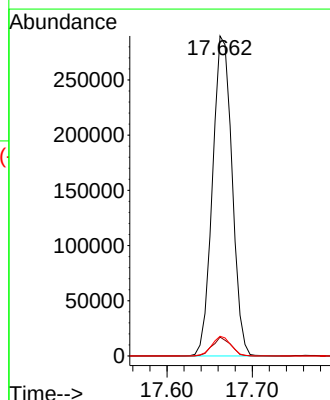
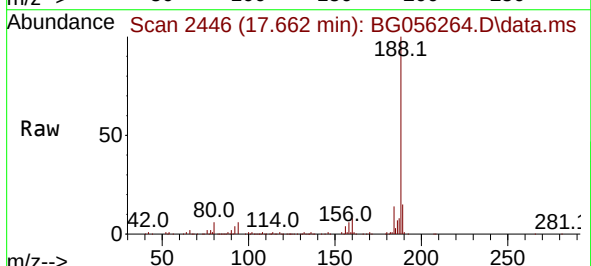
Tgt Ion: 188 Resp: 460426

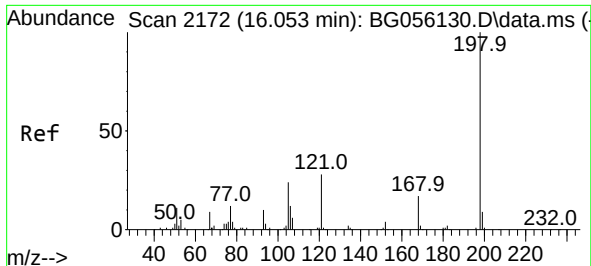
Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.2

80 6.1 5.0 7.4

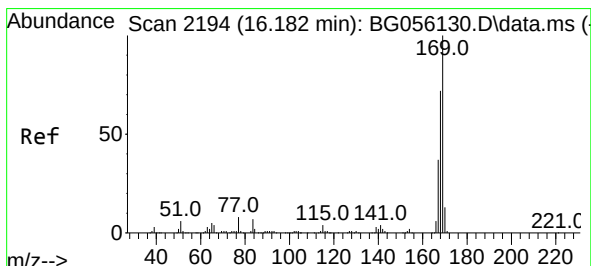
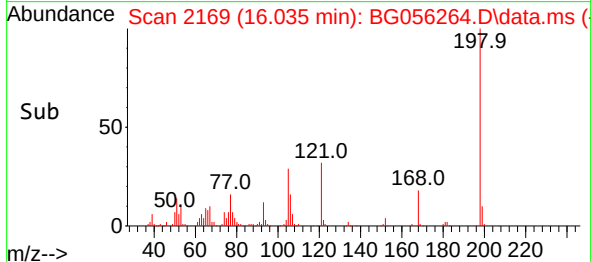
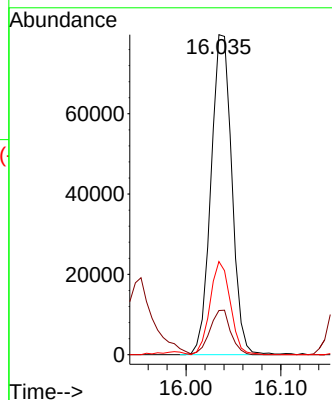
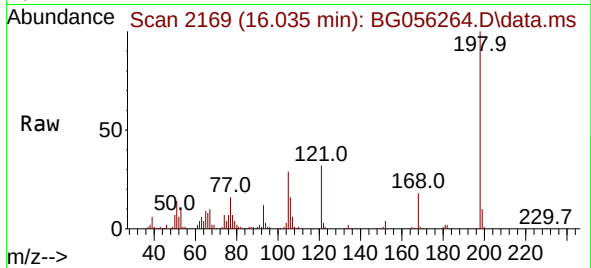




#65
4,6-Dinitro-2-methylphenol
Concen: 39.195 ng
RT: 16.035 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

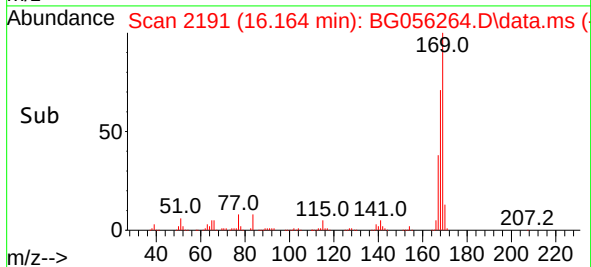
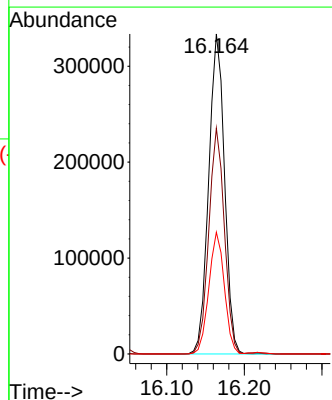
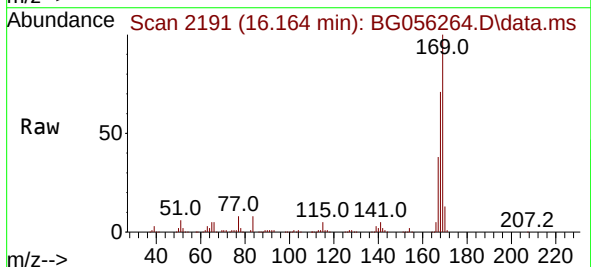
Instrument :
BNA_G
ClientSampleId :
PB150172BS

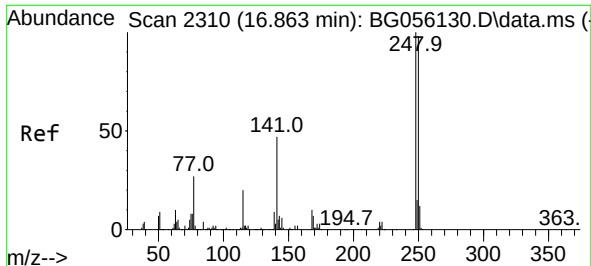
Tgt Ion:198 Resp: 121587
Ion Ratio Lower Upper
198 100
51 13.8 0.0 33.2
105 29.1 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 36.970 ng
RT: 16.164 min Scan# 2191
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:169 Resp: 472282
Ion Ratio Lower Upper
169 100
168 70.6 58.0 87.0
167 38.0 30.0 45.0

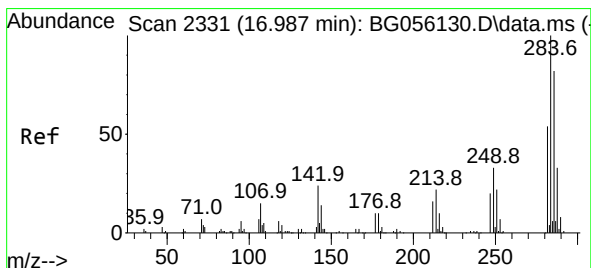
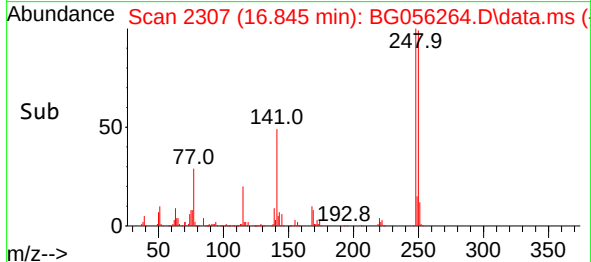
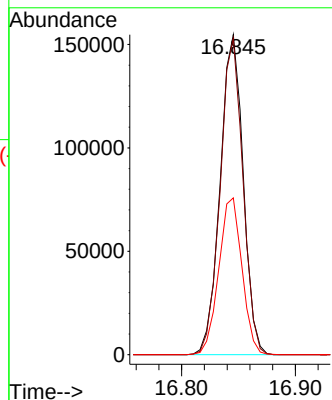
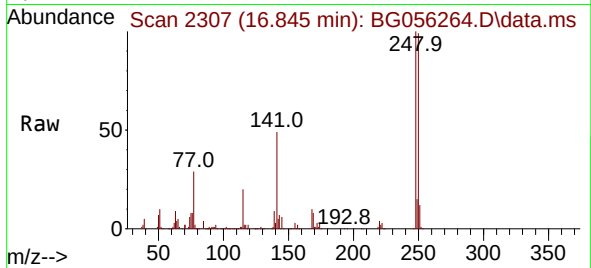




#67
4-Bromophenyl-phenylether
Concen: 37.138 ng
RT: 16.845 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

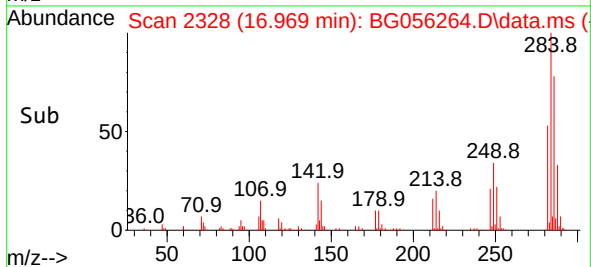
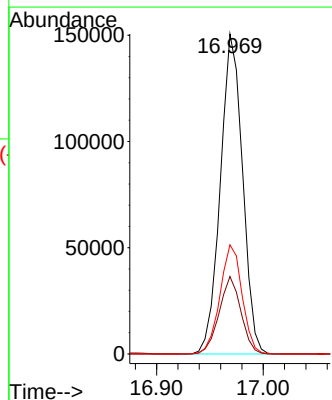
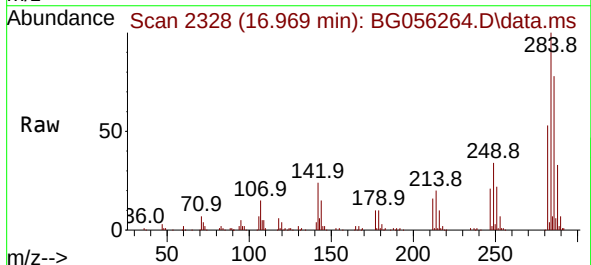
Instrument :
BNA_G
ClientSampleId :
PB150172BS

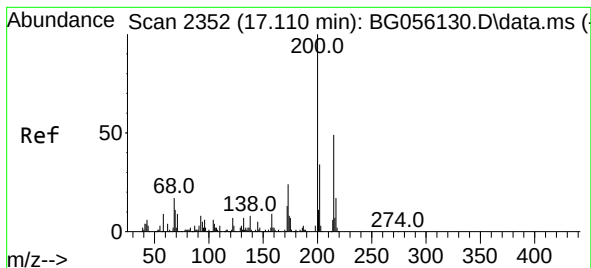
Tgt Ion:248 Resp: 217745
Ion Ratio Lower Upper
248 100
250 99.0 78.2 117.4
141 49.0 37.6 56.4



#68
Hexachlorobenzene
Concen: 39.773 ng
RT: 16.969 min Scan# 2328
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:284 Resp: 217562
Ion Ratio Lower Upper
284 100
142 24.2 19.0 28.6
249 34.1 26.6 39.8





#69

Atrazine

Concen: 43.737 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

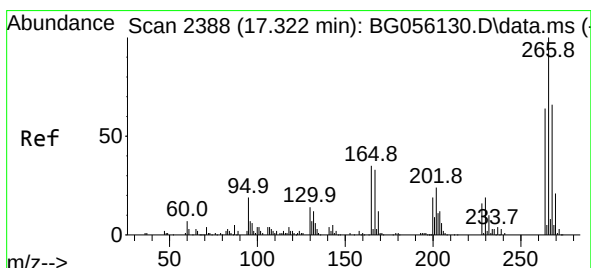
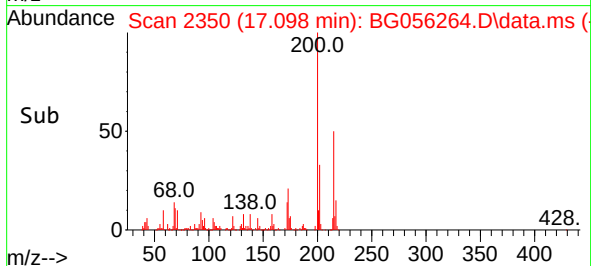
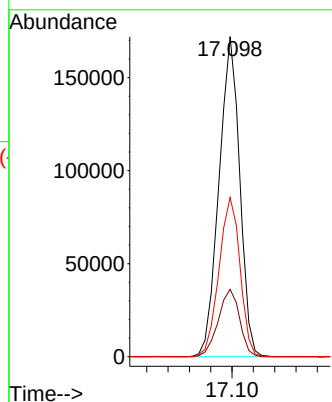
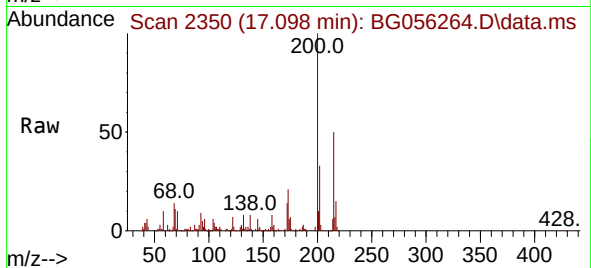
Tgt Ion:200 Resp: 231561

Ion Ratio Lower Upper

200 100

173 21.1 4.0 44.0

215 49.7 29.1 69.1



#70

Pentachlorophenol

Concen: 81.749 ng

RT: 17.310 min Scan# 2386

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

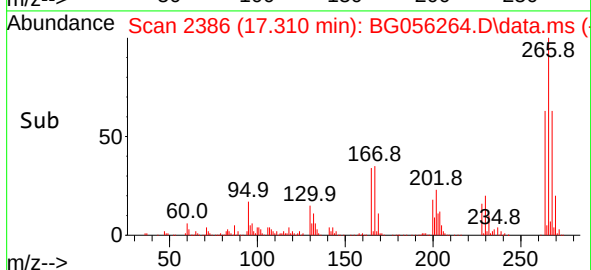
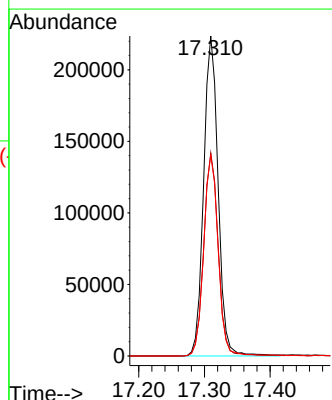
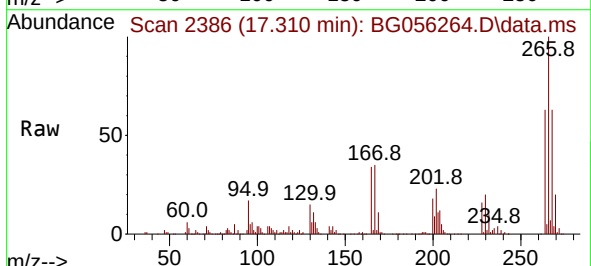
Tgt Ion:266 Resp: 343506

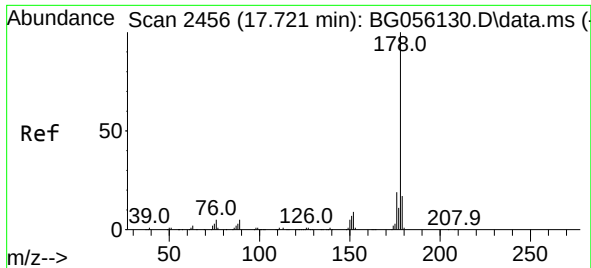
Ion Ratio Lower Upper

266 100

268 63.4 53.0 79.4

264 62.7 51.4 77.2

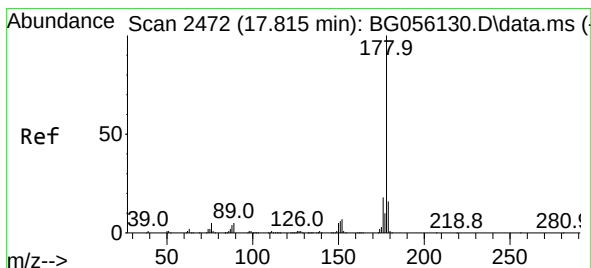
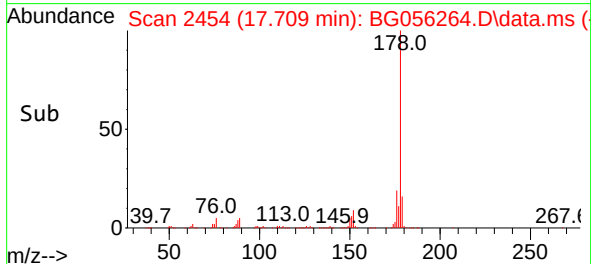
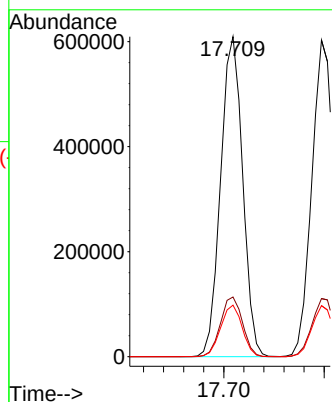
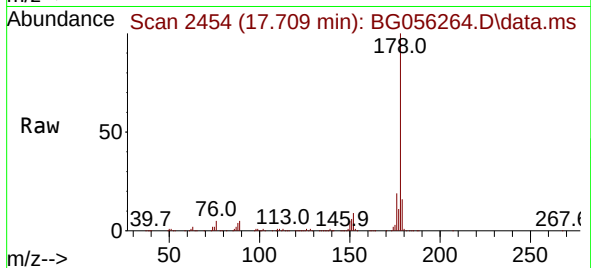




#71
Phenanthrene
Concen: 38.868 ng
RT: 17.709 min Scan# 2456
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

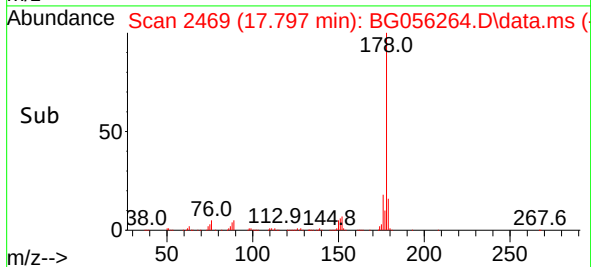
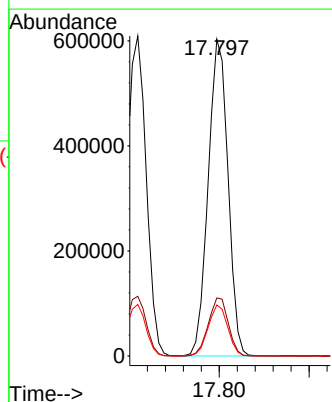
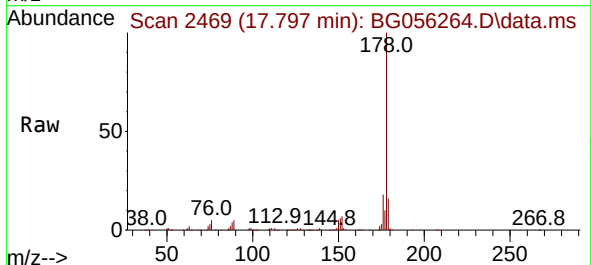
Instrument :
BNA_G
ClientSampleId :
PB150172BS

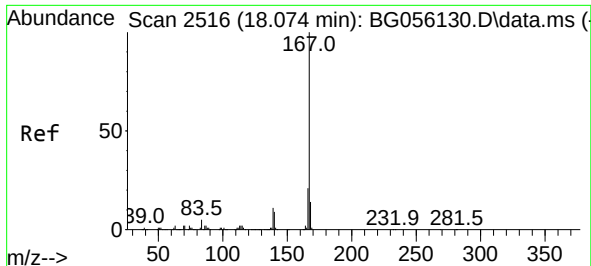
Tgt Ion:178 Resp: 927408
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 16.1 13.6 20.4



#72
Anthracene
Concen: 37.488 ng
RT: 17.797 min Scan# 2469
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:178 Resp: 922741
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 16.1 12.7 19.1

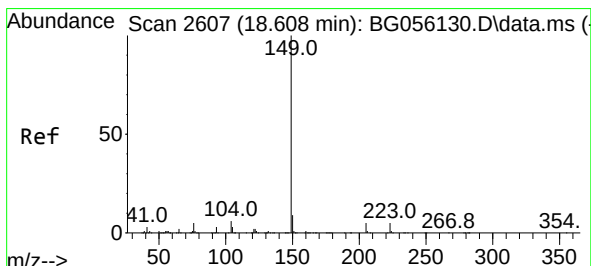
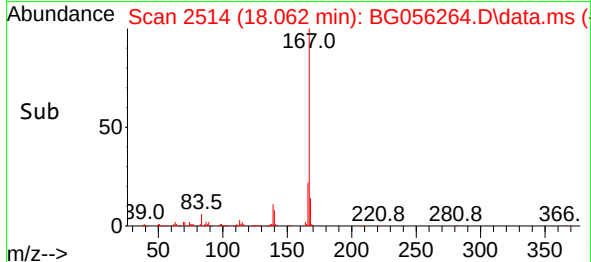
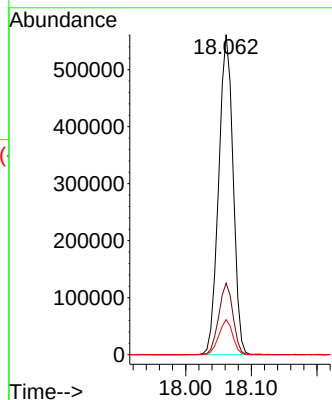
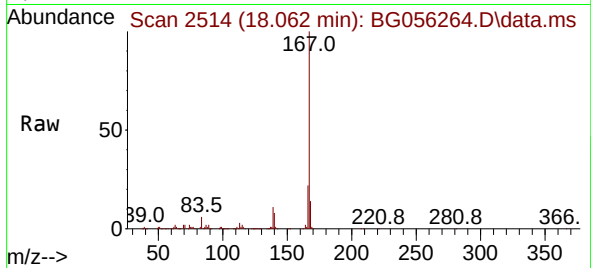




#73
 Carbazole
 Concen: 41.107 ng
 RT: 18.062 min Scan# 2514
 Delta R.T. -0.002 min
 Lab File: BG056264.D
 Acq: 12 Jan 2023 11:36

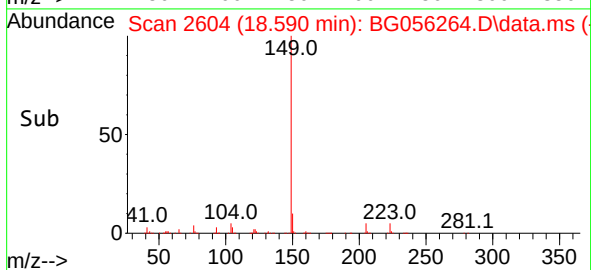
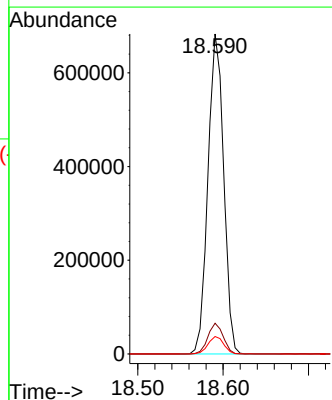
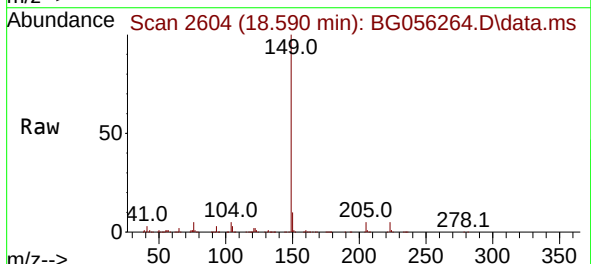
Instrument :
 BNA_G
 ClientSampleId :
 PB150172BS

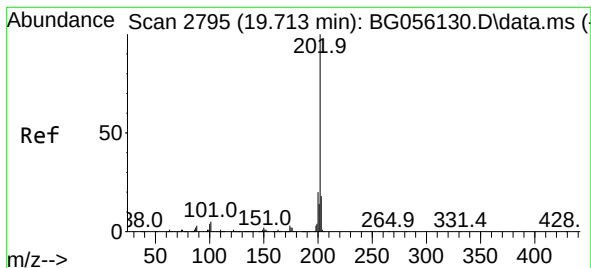
Tgt Ion:167 Resp: 850484
 Ion Ratio Lower Upper
 167 100
 166 22.3 16.8 25.2
 139 11.0 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 42.344 ng
 RT: 18.590 min Scan# 2604
 Delta R.T. -0.002 min
 Lab File: BG056264.D
 Acq: 12 Jan 2023 11:36

Tgt Ion:149 Resp: 873326
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 5.5 4.4 6.6





#75

Fluoranthene

Concen: 40.675 ng

RT: 19.701 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

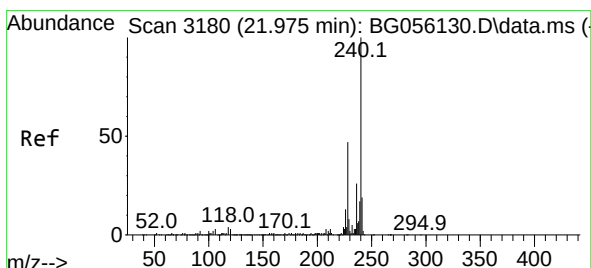
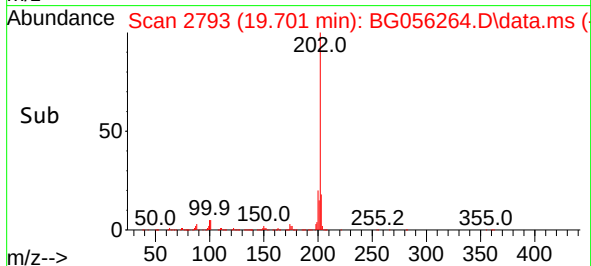
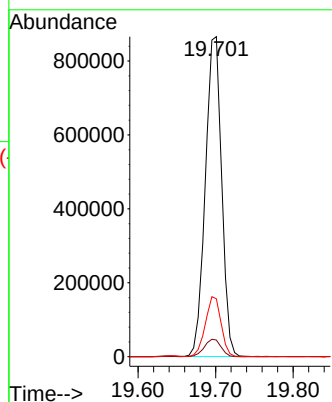
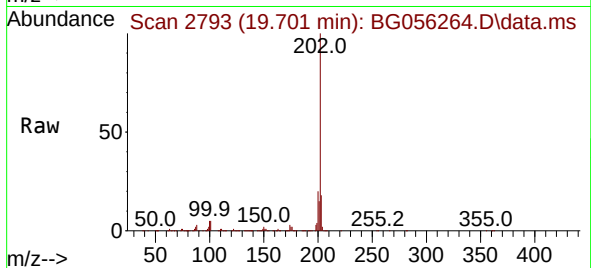
Tgt Ion:202 Resp: 1265994

Ion Ratio Lower Upper

202 100

101 5.2 0.0 25.0

203 18.1 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.963 min Scan# 3178

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

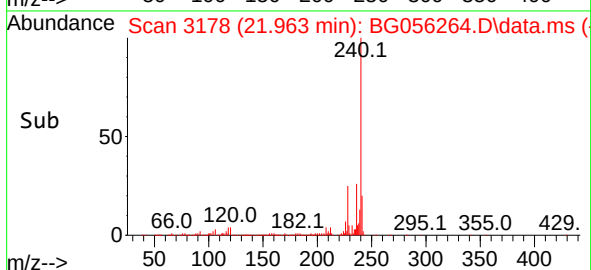
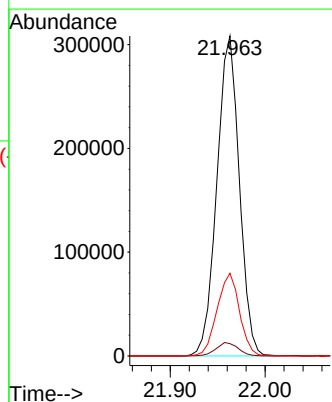
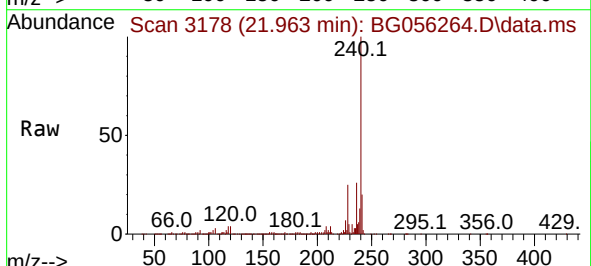
Tgt Ion:240 Resp: 507277

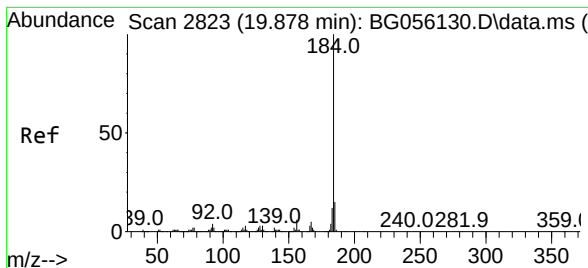
Ion Ratio Lower Upper

240 100

120 3.9 2.6 4.0

236 25.8 20.8 31.2





#77

Benzidine

Concen: 21.129 ng

RT: 19.865 min Scan# 2821

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

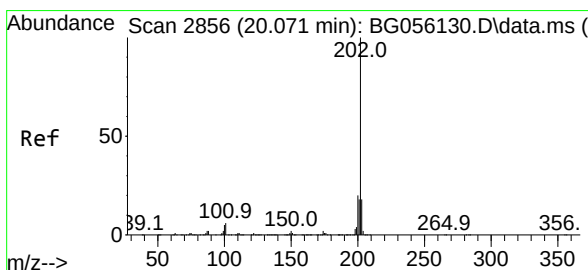
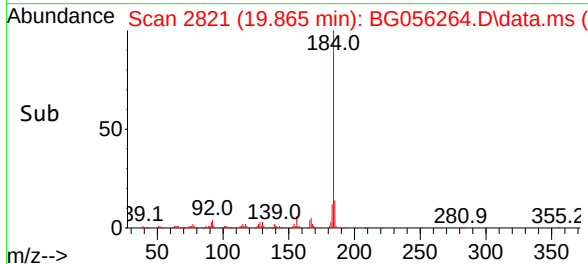
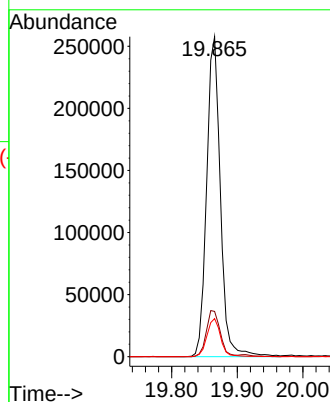
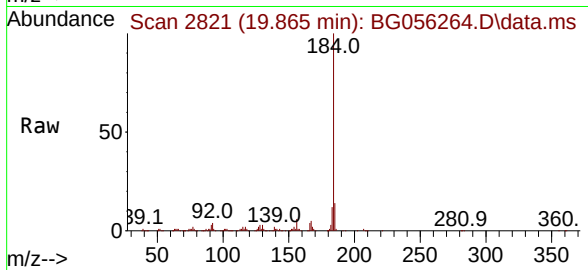
Tgt Ion:184 Resp: 375615

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

183 11.9 9.4 14.0



#78

Pyrene

Concen: 35.954 ng

RT: 20.059 min Scan# 2854

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

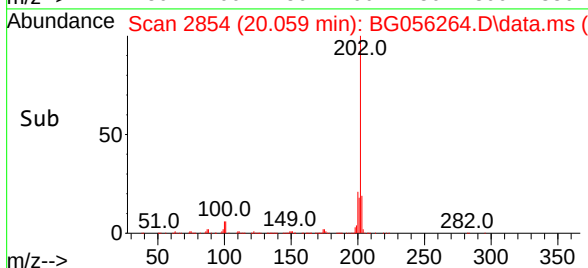
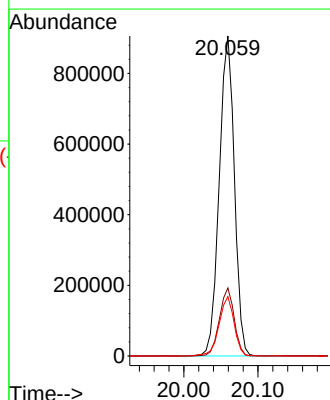
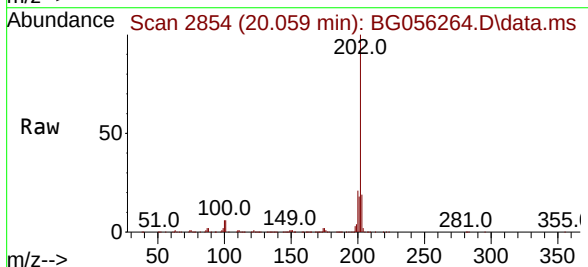
Tgt Ion:202 Resp: 1285524

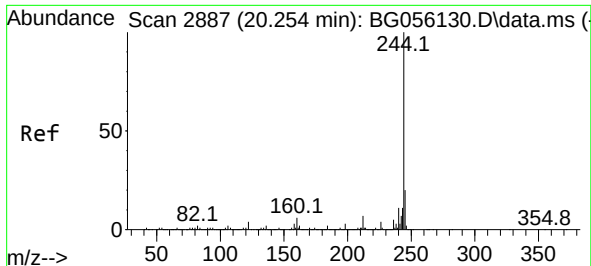
Ion Ratio Lower Upper

202 100

200 21.2 16.4 24.6

203 18.6 14.3 21.5

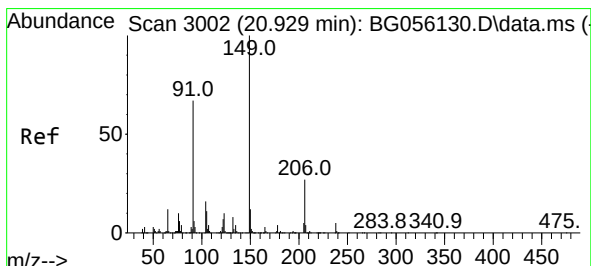
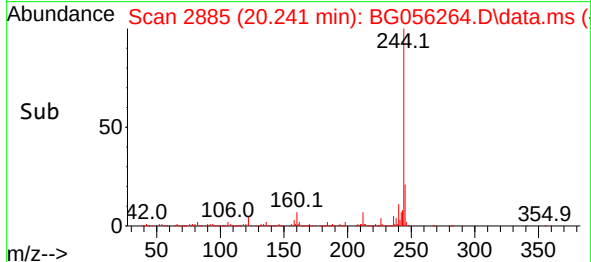
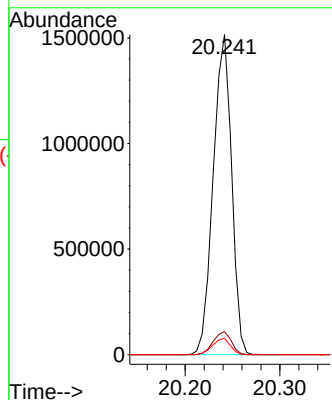
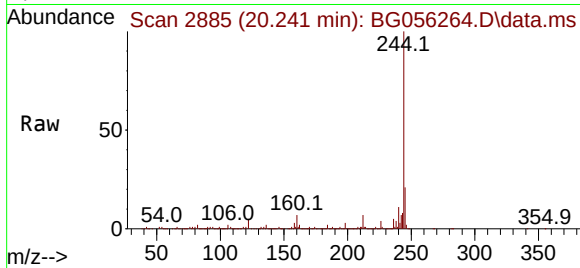




#79
 Terphenyl-d14
 Concen: 71.946 ng
 RT: 20.241 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056264.D
 Acq: 12 Jan 2023 11:36

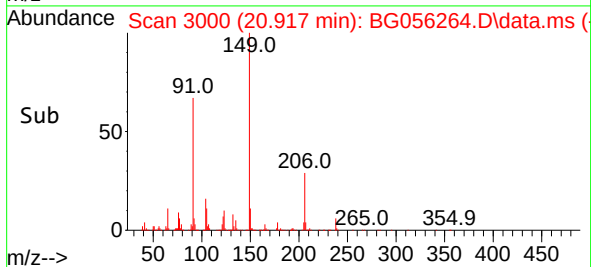
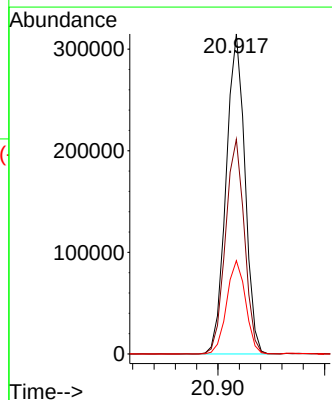
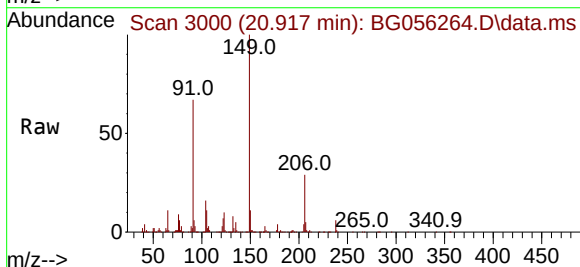
Instrument :
 BNA_G
 ClientSampleId :
 PB150172BS

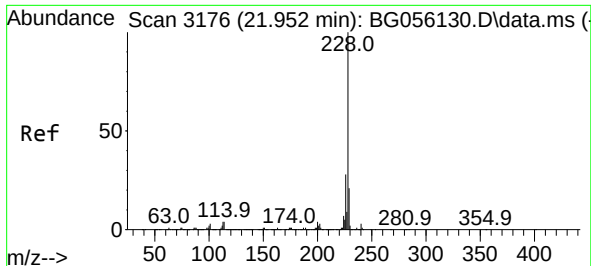
Tgt Ion:244 Resp: 2037712
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.1 3.5 5.3



#80
 Butylbenzylphthalate
 Concen: 37.655 ng
 RT: 20.917 min Scan# 3000
 Delta R.T. -0.002 min
 Lab File: BG056264.D
 Acq: 12 Jan 2023 11:36

Tgt Ion:149 Resp: 386257
 Ion Ratio Lower Upper
 149 100
 91 67.1 53.5 80.3
 206 29.2 21.9 32.9

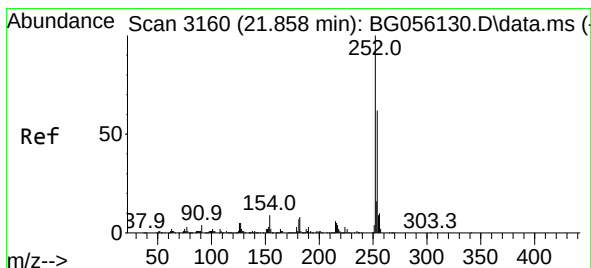
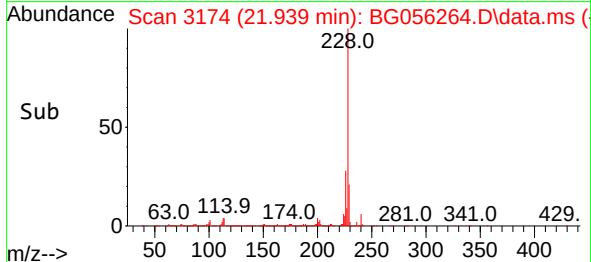
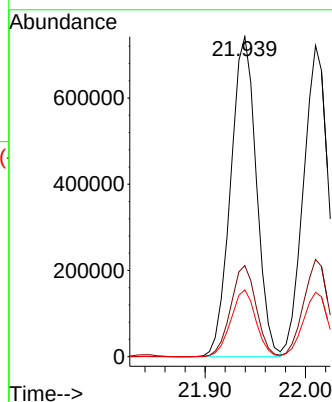
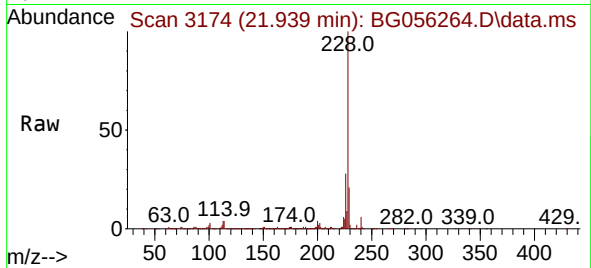




#81
Benzo(a)anthracene
Concen: 37.027 ng
RT: 21.939 min Scan# 3174
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

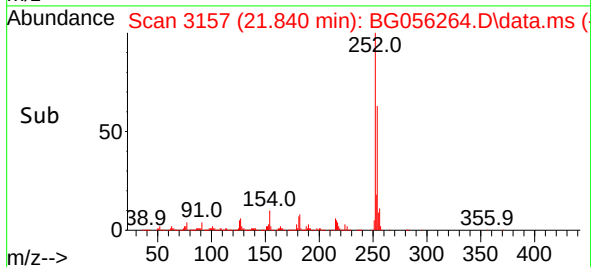
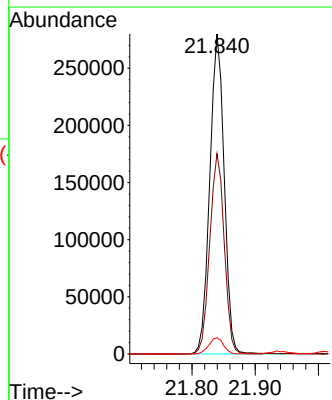
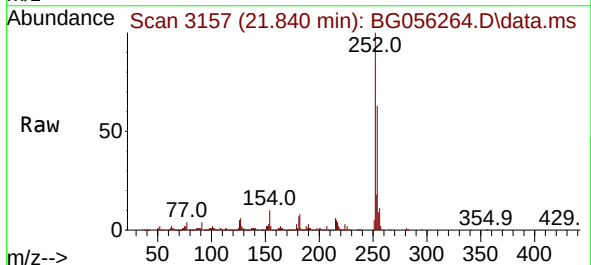
Instrument :
BNA_G
ClientSampleId :
PB150172BS

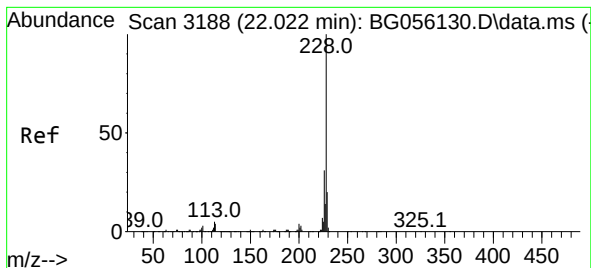
Tgt Ion:228 Resp: 1319254
Ion Ratio Lower Upper
228 100
226 28.4 22.6 34.0
229 20.9 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 34.489 ng
RT: 21.840 min Scan# 3157
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:252 Resp: 442358
Ion Ratio Lower Upper
252 100
254 62.6 49.5 74.3
126 5.0 4.0 6.0





#83

Chrysene

Concen: 36.720 ng

RT: 22.010 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

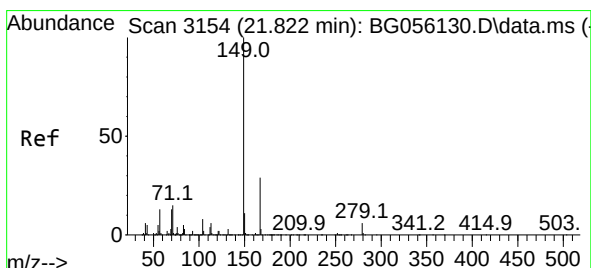
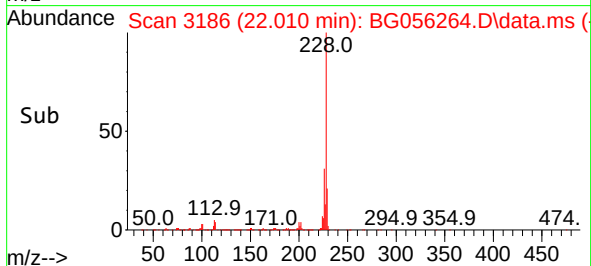
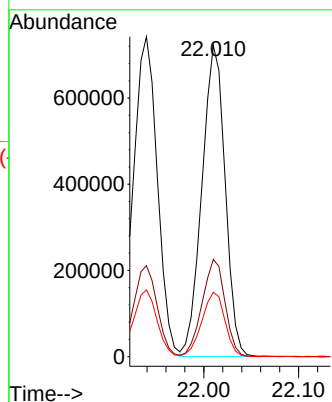
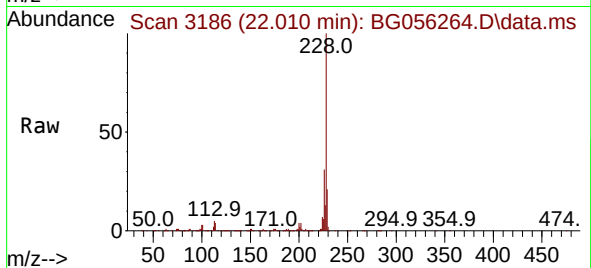
Tgt Ion:228 Resp: 1225522

Ion Ratio Lower Upper

228 100

226 31.2 24.6 36.8

229 20.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.932 ng

RT: 21.804 min Scan# 3151

Delta R.T. -0.002 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

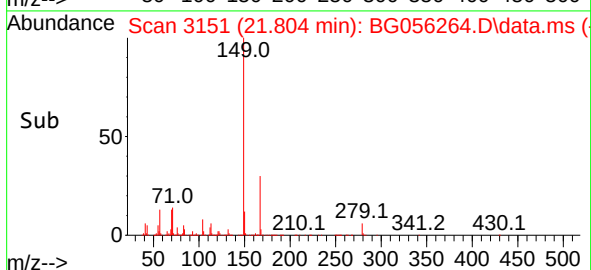
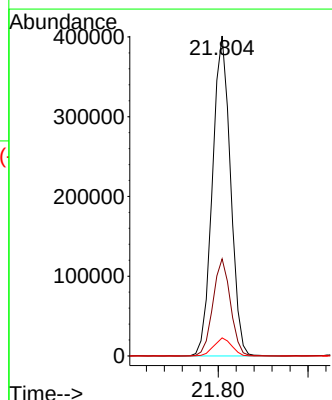
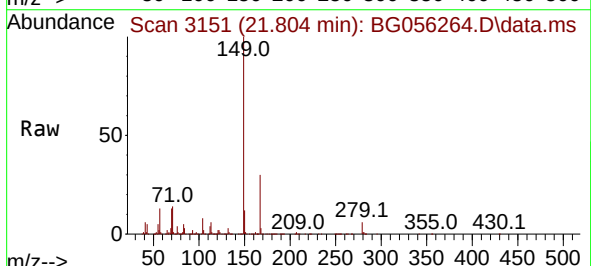
Tgt Ion:149 Resp: 560575

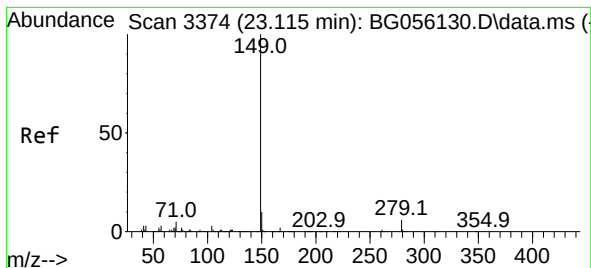
Ion Ratio Lower Upper

149 100

167 30.4 23.4 35.2

279 5.6 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 38.303 ng

RT: 23.085 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

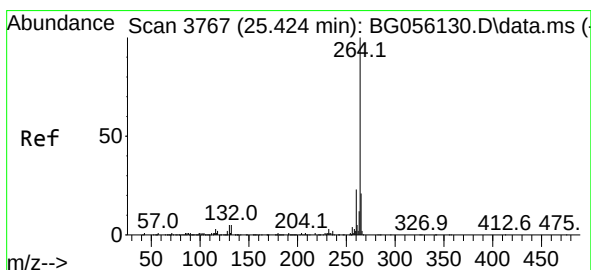
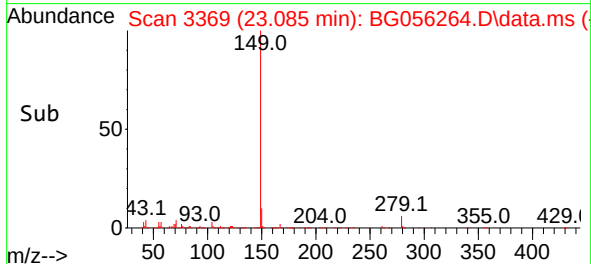
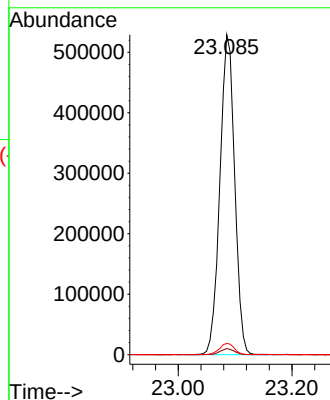
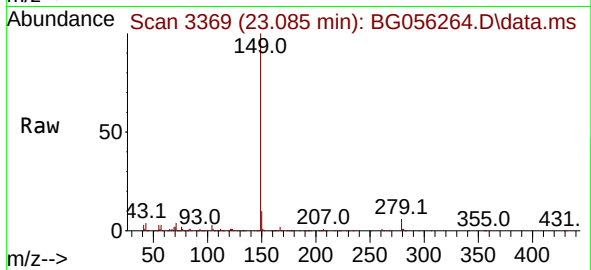
Tgt Ion:149 Resp: 955617

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

43 3.6 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.400 min Scan# 3763

Delta R.T. -0.002 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

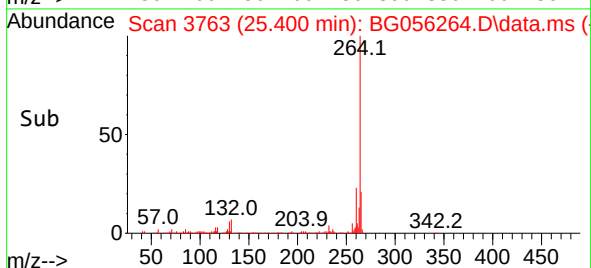
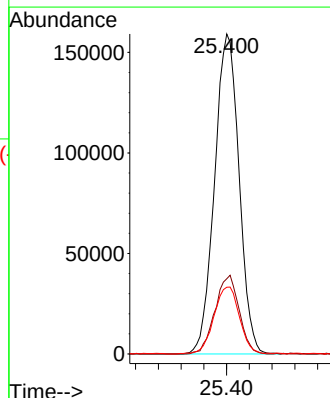
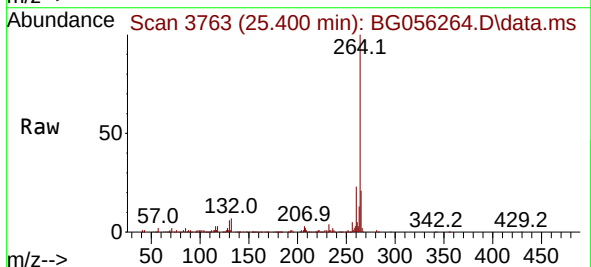
Tgt Ion:264 Resp: 475370

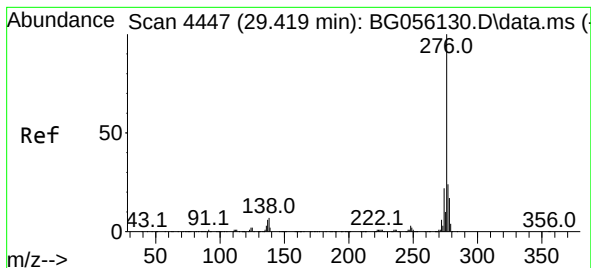
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 20.8 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.300 ng

RT: 29.372 min Scan# 4447

Delta R.T. 0.009 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

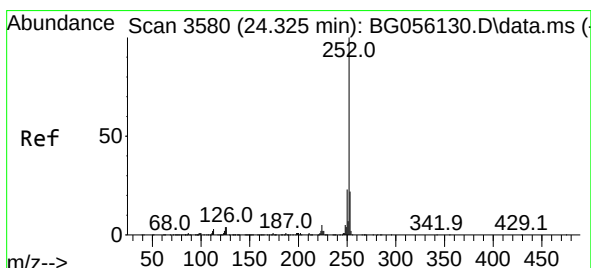
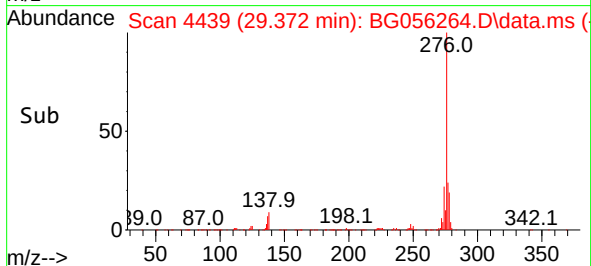
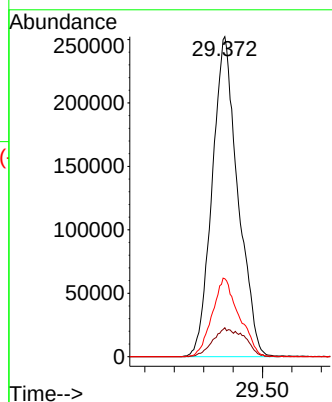
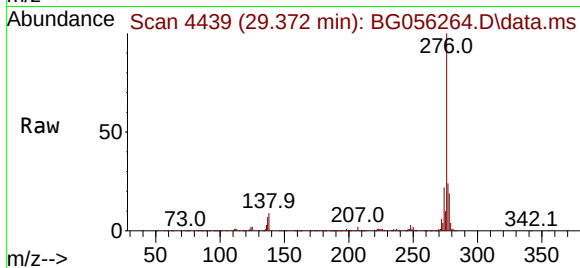
Tgt Ion:276 Resp: 1531522

Ion Ratio Lower Upper

276 100

138 11.0 5.0 7.4#

277 25.6 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 46.684 ng

RT: 24.301 min Scan# 3576

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

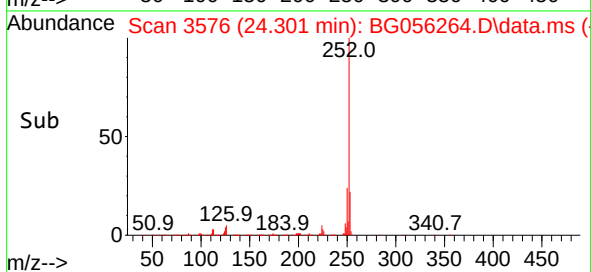
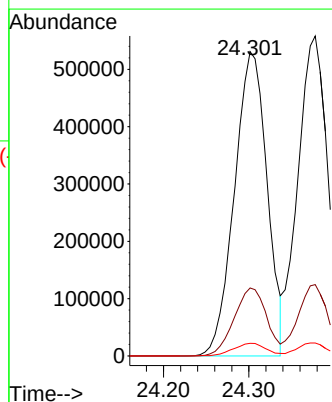
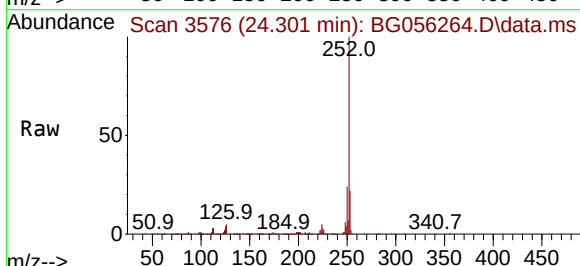
Tgt Ion:252 Resp: 1410001

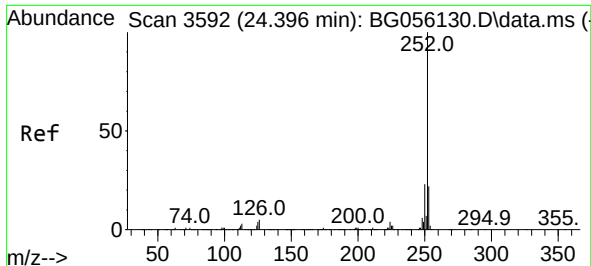
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 4.2 3.0 4.4

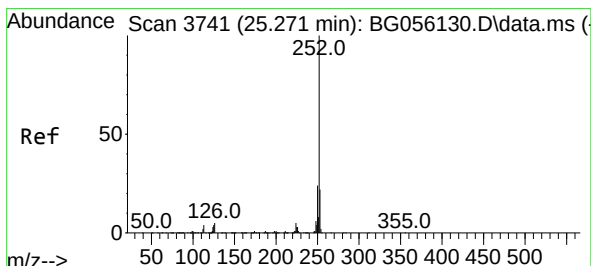
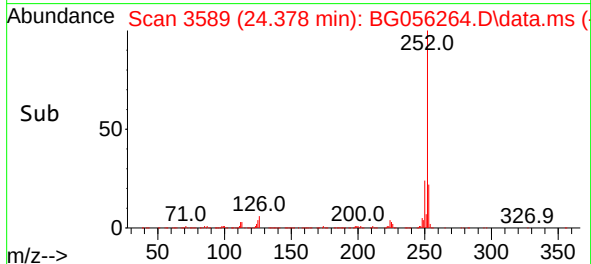
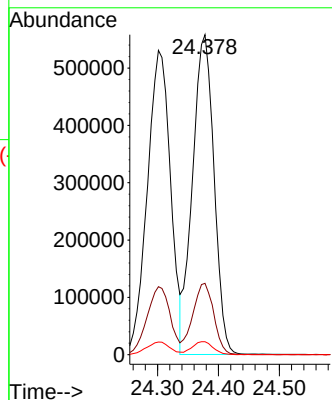
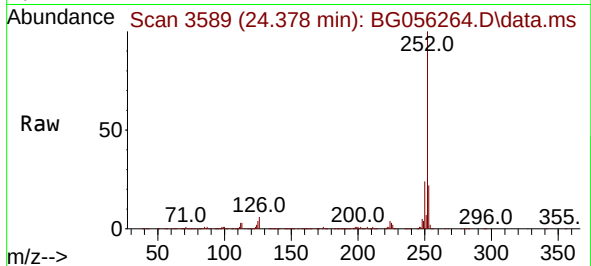




#89
Benzo(k)fluoranthene
Concen: 45.458 ng
RT: 24.378 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

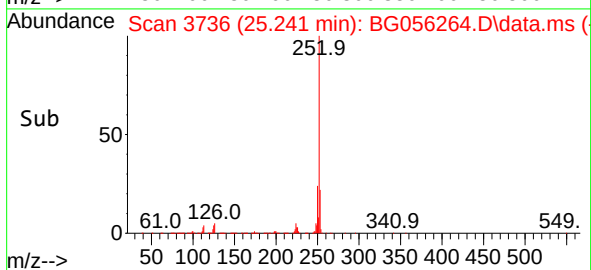
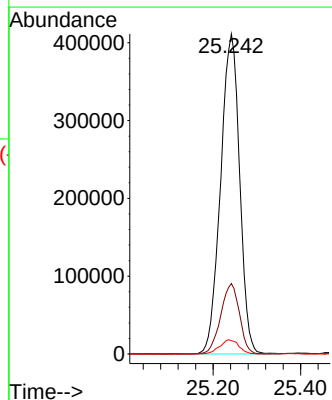
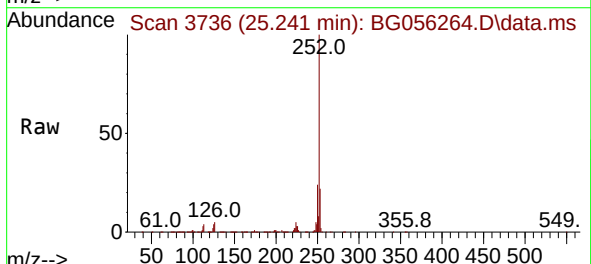
Instrument :
BNA_G
ClientSampleId :
PB150172BS

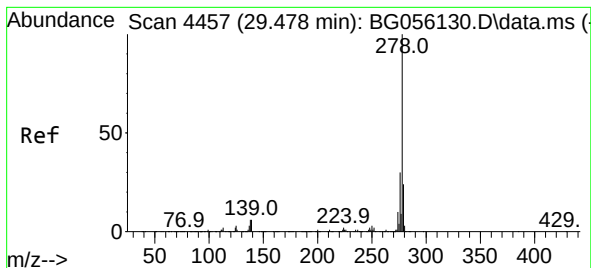
Tgt Ion:252 Resp: 1367201
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 4.1 3.4 5.0



#90
Benzo(a)pyrene
Concen: 41.999 ng
RT: 25.241 min Scan# 3736
Delta R.T. -0.002 min
Lab File: BG056264.D
Acq: 12 Jan 2023 11:36

Tgt Ion:252 Resp: 1237230
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 4.1 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 45.763 ng

RT: 29.437 min Scan# 4450

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150172BS

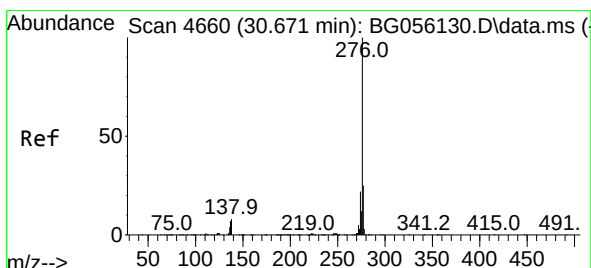
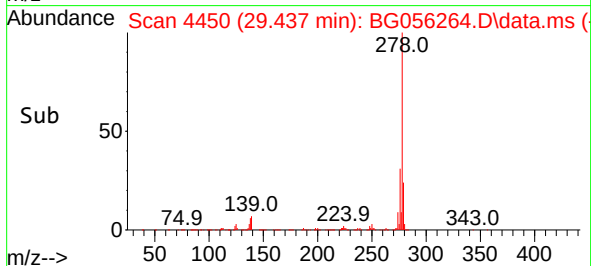
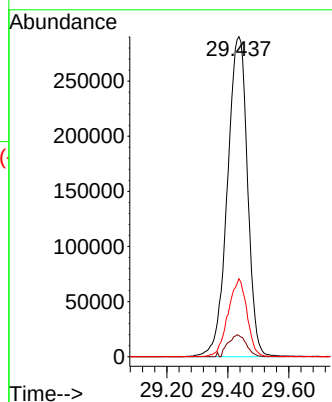
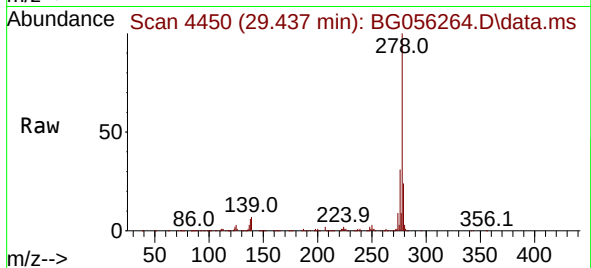
Tgt Ion:278 Resp: 1326456

Ion Ratio Lower Upper

278 100

139 6.6 4.8 7.2

279 24.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 45.625 ng

RT: 30.618 min Scan# 4651

Delta R.T. 0.003 min

Lab File: BG056264.D

Acq: 12 Jan 2023 11:36

Tgt Ion:276 Resp: 1282432

Ion Ratio Lower Upper

276 100

277 22.9 19.7 29.5

138 8.6 6.7 10.1

