

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056150.D
 Acq On : 29 Dec 2022 11:58
 Operator : CG/JU
 Sample : PB149954BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149954BS

Quant Time: Dec 30 04:04:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	37054	20.000	ng	0.00
21) Naphthalene-d8	11.173	136	151633	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	136034	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	393098	20.000	ng	0.00
76) Chrysene-d12	21.978	240	398253	20.000	ng	# 0.00
86) Perylene-d12	25.433	264	440379	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	335777	161.799	ng	0.00
7) Phenol-d6	7.471	99	483407	151.679	ng	0.00
23) Nitrobenzene-d5	9.510	82	250092	84.366	ng	0.00
42) 2,4,6-Tribromophenol	16.426	330	251763	146.132	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	836854	84.950	ng	0.00
79) Terphenyl-d14	20.256	244	2008648	90.334	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.670	88	34094	35.968	ng	# 96
3) Pyridine	4.087	79	98407	34.085	ng	97
4) n-Nitrosodimethylamine	3.999	42	25328	43.127	ng	# 99
6) Aniline	7.648	93	157936	37.789	ng	97
8) 2-Chlorophenol	7.894	128	109130	52.844	ng	94
9) Benzaldehyde	7.460	77	65483	34.556	ng	92
10) Phenol	7.501	94	169937	52.578	ng	96
11) bis(2-Chloroethyl)ether	7.736	93	94150	42.985	ng	99
12) 1,3-Dichlorobenzene	8.223	146	117530	46.762	ng	97
13) 1,4-Dichlorobenzene	8.370	146	121694	48.217	ng	98
14) 1,2-Dichlorobenzene	8.699	146	119319	48.996	ng	99
15) Benzyl Alcohol	8.564	79	112978	48.708	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.858	45	16565	42.797	ng	96
17) 2-Methylphenol	8.764	107	114075	48.100	ng	98
18) Hexachloroethane	9.440	117	35613	46.448	ng	94
19) n-Nitroso-di-n-propyla...	9.140	70	80396	41.484	ng	99
20) 3+4-Methylphenols	9.093	107	157646	47.279	ng	97
22) Acetophenone	9.164	105	182359	42.533	ng	# 99
24) Nitrobenzene	9.551	77	121712	41.431	ng	98
25) Isophorone	10.074	82	251066	40.253	ng	97
26) 2-Nitrophenol	10.268	139	66736	44.399	ng	97
27) 2,4-Dimethylphenol	10.309	122	130075	47.447	ng	98
28) bis(2-Chloroethoxy)met...	10.550	93	136970	42.253	ng	99
29) 2,4-Dichlorophenol	10.803	162	148602	49.029	ng	97
30) 1,2,4-Trichlorobenzene	11.026	180	151483	44.043	ng	99
31) Naphthalene	11.220	128	345453	43.289	ng	99
32) Benzoic acid	10.433	122	97365	47.866	ng	89
33) 4-Chloroaniline	11.314	127	97282	25.533	ng	97
34) Hexachlorobutadiene	11.496	225	106159	42.915	ng	96
35) Caprolactam	12.072	113	27158	26.466	ng	98
36) 4-Chloro-3-methylphenol	12.407	107	149610	48.646	ng	95
37) 2-Methylnaphthalene	12.800	142	281530	41.781	ng	99
38) 1-Methylnaphthalene	13.018	142	264825	42.323	ng	99
40) 1,2,4,5-Tetrachloroben...	13.159	216	217189	42.598	ng	99
41) Hexachlorocyclopentadiene	13.135	237	292939	100.777	ng	95
43) 2,4,6-Trichlorophenol	13.388	196	156353	46.377	ng	97

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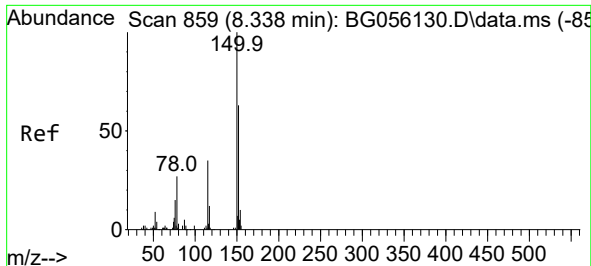
Quant Time: Dec 30 04:04:18 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.459	196	171936	43.112	ng	97
46) 1,1'-Biphenyl	13.788	154	429306	44.066	ng	100
47) 2-Chloronaphthalene	13.835	162	341370	44.393	ng	98
48) 2-Nitroaniline	14.023	65	76254	46.542	ng	99
49) Acenaphthylene	14.675	152	553859	44.260	ng	99
50) Dimethylphthalate	14.387	163	496187	45.184	ng	99
51) 2,6-Dinitrotoluene	14.510	165	107024	45.738	ng	99
52) Acenaphthene	15.010	154	421205	51.753	ng	98
53) 3-Nitroaniline	14.839	138	72044	32.351	ng	93
54) 2,4-Dinitrophenol	15.045	184	176351	105.496	ng	96
55) Dibenzofuran	15.339	168	603122	44.781	ng	98
56) 4-Nitrophenol	15.133	139	180143	105.179	ng	92
57) 2,4-Dinitrotoluene	15.292	165	160741	49.119	ng	92
58) Fluorene	15.985	166	492776	45.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.556	232	181965	48.594	ng	97
60) Diethylphthalate	15.732	149	476440	46.263	ng	99
61) 4-Chlorophenyl-phenylether	15.967	204	301390	44.582	ng	99
62) 4-Nitroaniline	15.997	138	108754	47.675	ng	98
63) Azobenzene	16.261	77	355115	44.684	ng	98
65) 4,6-Dinitro-2-methylph...	16.050	198	115765	43.710	ng	95
66) n-Nitrosodiphenylamine	16.179	169	465800	42.708	ng	98
67) 4-Bromophenyl-phenylether	16.860	248	210631	42.078	ng	98
68) Hexachlorobenzene	16.984	284	213730	45.764	ng	99
69) Atrazine	17.113	200	213448	47.221	ng	99
70) Pentachlorophenol	17.325	266	302821	84.410	ng	99
71) Phenanthrene	17.724	178	905852	44.466	ng	98
72) Anthracene	17.818	178	924467	43.991	ng	99
73) Carbazole	18.077	167	815026	46.140	ng	100
74) Di-n-butylphthalate	18.605	149	812517	46.143	ng	99
75) Fluoranthene	19.710	202	1194720	44.960	ng	99
77) Benzidine	19.875	184	550720	39.460	ng	99
78) Pyrene	20.074	202	1207182	43.005	ng	98
80) Butylbenzylphthalate	20.932	149	353215	43.860	ng	95
81) Benzo(a)anthracene	21.954	228	1240572	44.350	ng	99
82) 3,3'-Dichlorobenzidine	21.855	252	318294	31.610	ng	96
83) Chrysene	22.031	228	1150607	43.914	ng	99
84) Bis(2-ethylhexyl)phtha...	21.825	149	521467	44.945	ng	99
85) Di-n-octyl phthalate	23.118	149	890935	45.487	ng	100
87) Indeno(1,2,3-cd)pyrene	29.422	276	1473794	46.017	ng	# 99
88) Benzo(b)fluoranthene	24.328	252	1317449	47.085	ng	99
89) Benzo(k)fluoranthene	24.405	252	1280540	45.959	ng	100
90) Benzo(a)pyrene	25.274	252	1163570	42.637	ng	100
91) Dibenzo(a,h)anthracene	29.493	278	1232986	45.919	ng	99
92) Benzo(g,h,i)perylene	30.674	276	1187109	45.590	ng	99

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

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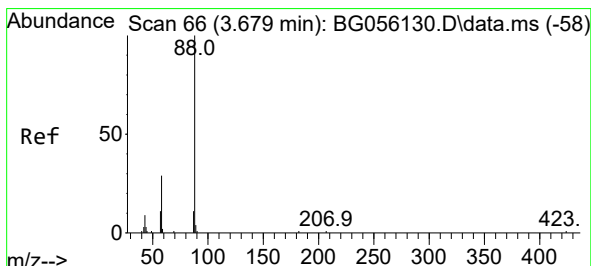
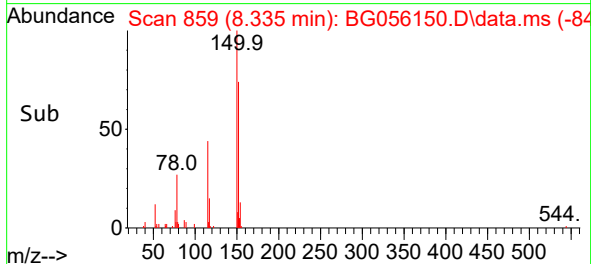
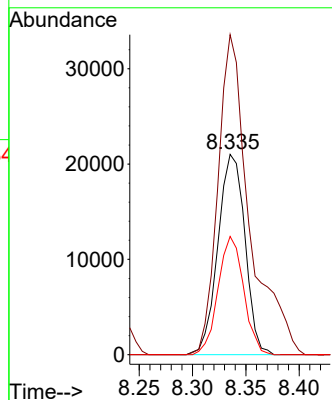
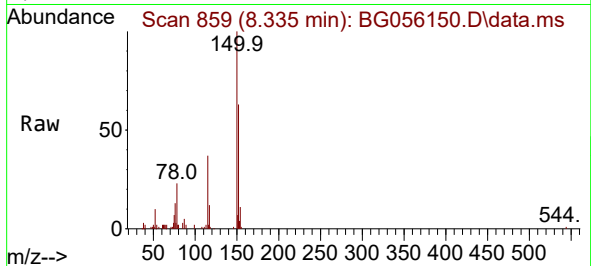




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.335 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG056150.D
 Acq: 29 Dec 2022 11:58

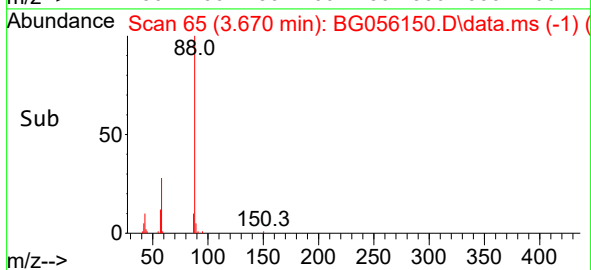
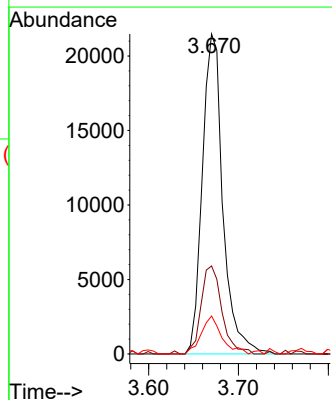
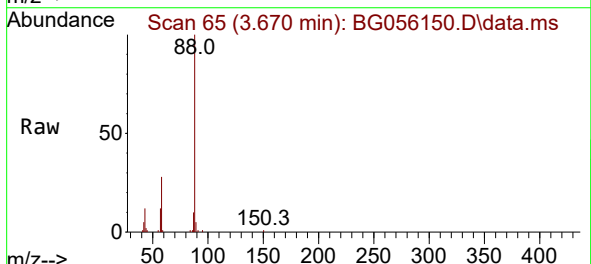
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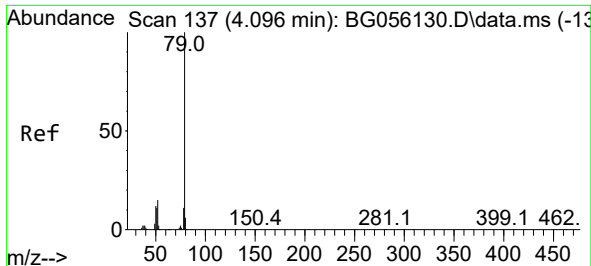
Tgt Ion:152 Resp: 37054
 Ion Ratio Lower Upper
 152 100
 150 159.7 127.9 191.9
 115 59.0 44.2 66.2



#2
 1,4-Dioxane
 Concen: 35.968 ng
 RT: 3.670 min Scan# 65
 Delta R.T. -0.009 min
 Lab File: BG056150.D
 Acq: 29 Dec 2022 11:58

Tgt Ion: 88 Resp: 34094
 Ion Ratio Lower Upper
 88 100
 58 27.8 21.4 32.0
 43 11.8 7.1 10.7#

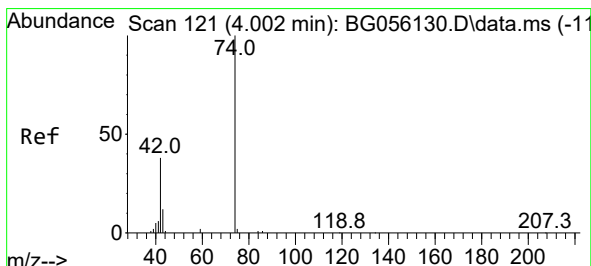
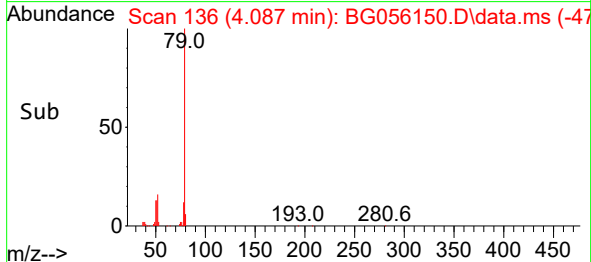
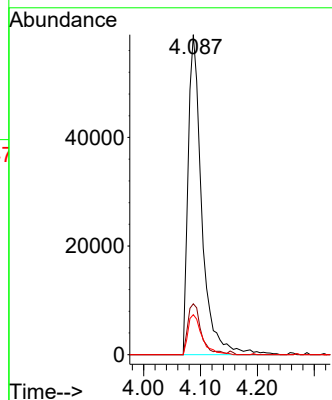
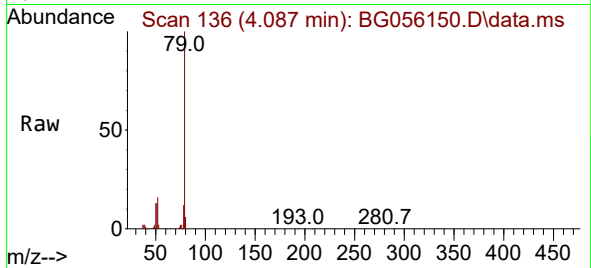




#3
 Pyridine
 Concen: 34.085 ng
 RT: 4.087 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BG056150.D
 Acq: 29 Dec 2022 11:58

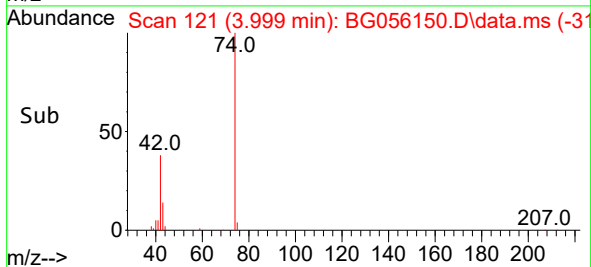
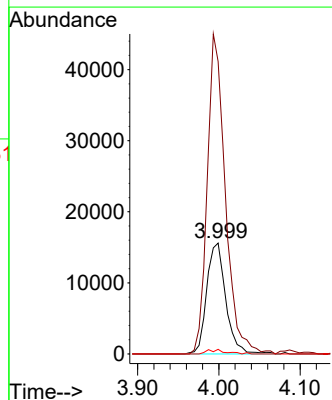
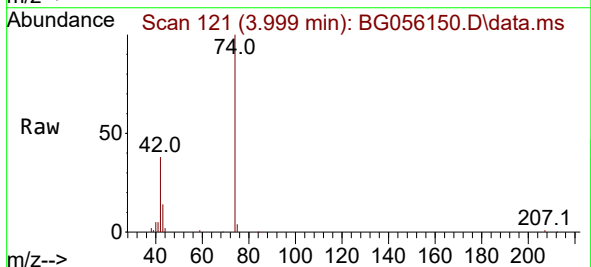
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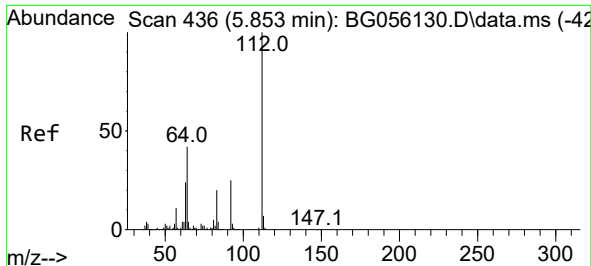
Tgt Ion: 79 Resp: 98407
 Ion Ratio Lower Upper
 79 100
 52 15.9 11.8 17.6
 51 12.5 8.8 13.2



#4
 n-Nitrosodimethylamine
 Concen: 43.127 ng
 RT: 3.999 min Scan# 121
 Delta R.T. -0.003 min
 Lab File: BG056150.D
 Acq: 29 Dec 2022 11:58

Tgt Ion: 42 Resp: 25328
 Ion Ratio Lower Upper
 42 100
 74 263.9 212.6 319.0
 44 4.2 2.6 3.8#

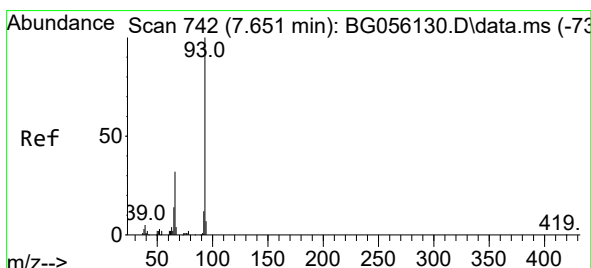
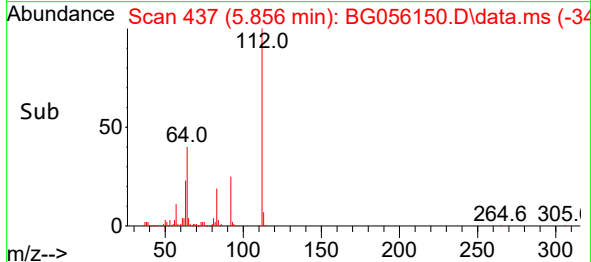
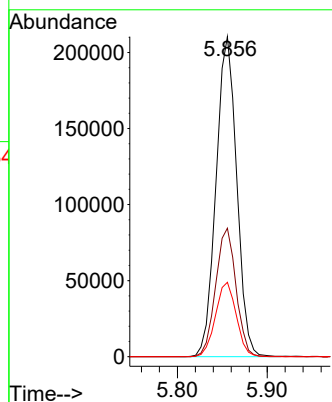
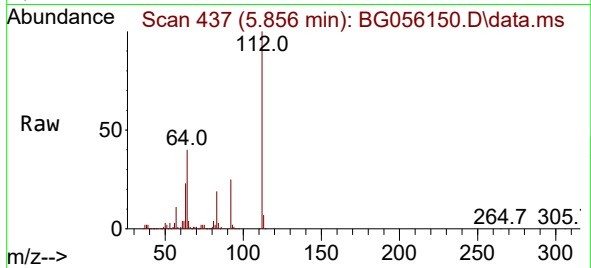




#5
2-Fluorophenol
Concen: 161.799 ng
RT: 5.856 min Scan# 436
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

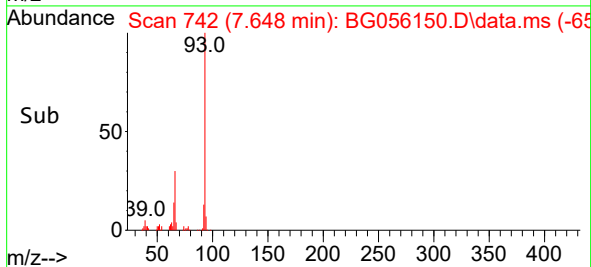
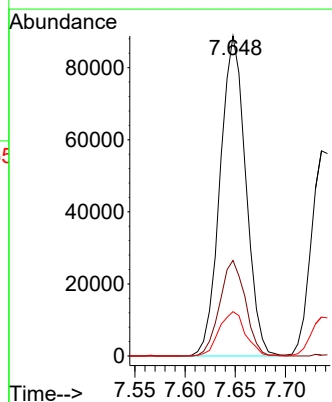
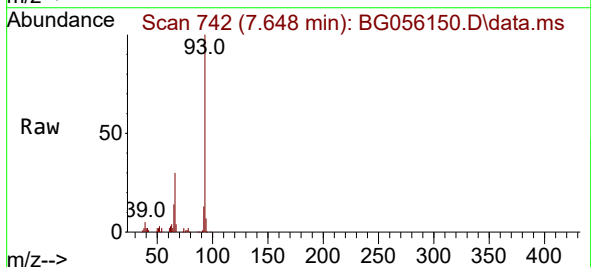
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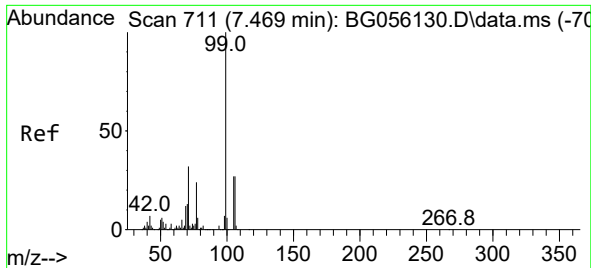
Tgt Ion:112 Resp: 335777
Ion Ratio Lower Upper
112 100
64 40.2 33.3 49.9
63 23.3 19.0 28.4



#6
Aniline
Concen: 37.789 ng
RT: 7.648 min Scan# 742
Delta R.T. -0.003 min
Lab File: BG056150.D
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Tgt Ion: 93 Resp: 157936
Ion Ratio Lower Upper
93 100
66 29.8 25.4 38.2
65 13.8 11.4 17.2

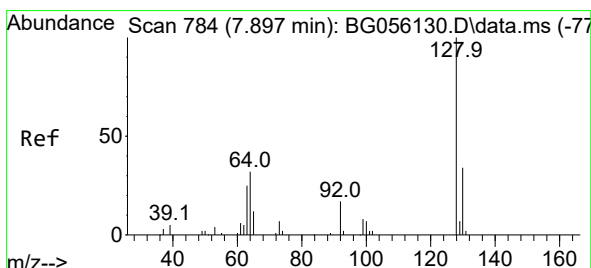
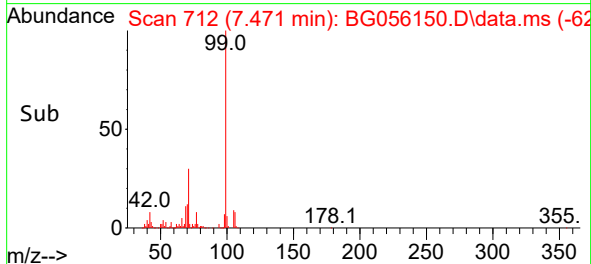
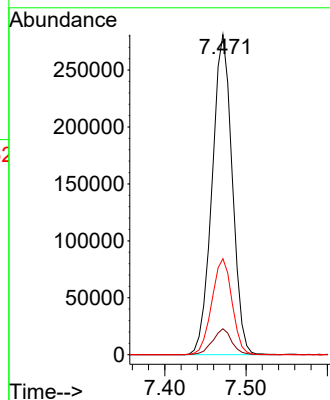
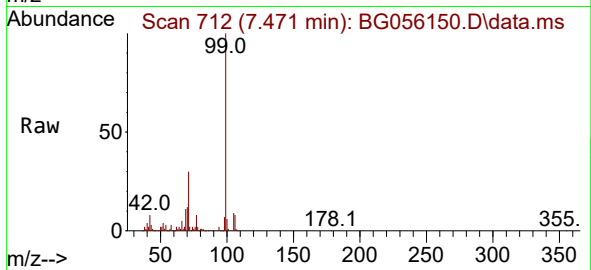




#7
Phenol-d6
Concen: 151.679 ng
RT: 7.471 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

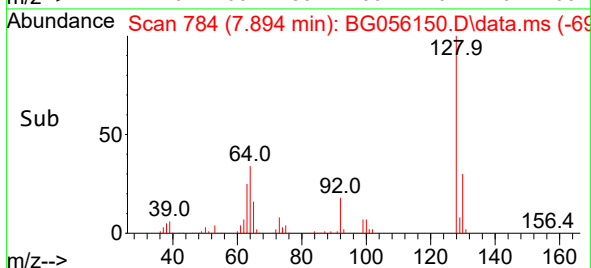
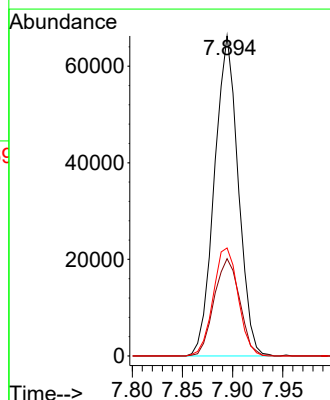
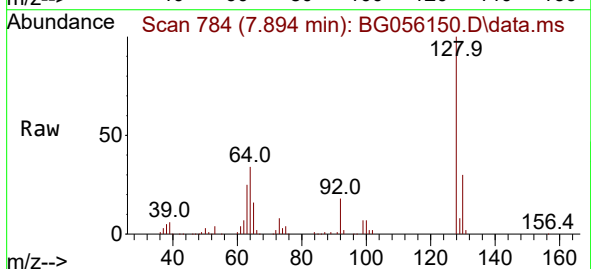
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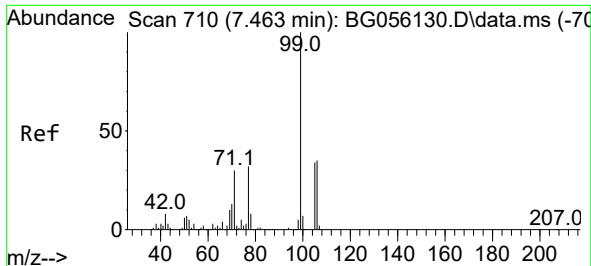
Tgt Ion: 99 Resp: 483407
Ion Ratio Lower Upper
99 100
42 8.1 5.9 8.9
71 30.0 25.4 38.2



#8
2-Chlorophenol
Concen: 52.844 ng
RT: 7.894 min Scan# 784
Delta R.T. -0.003 min
Lab File: BG056150.D
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Tgt Ion: 128 Resp: 109130
Ion Ratio Lower Upper
128 100
130 30.4 13.5 53.5
64 33.7 18.0 58.0

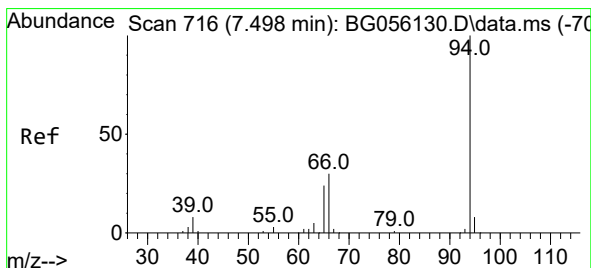
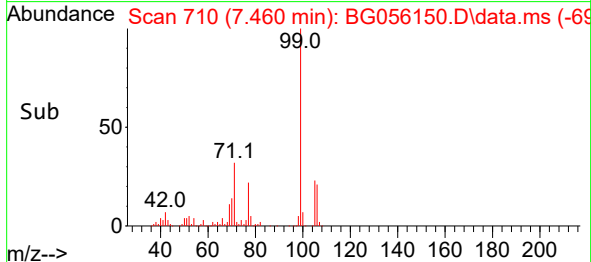
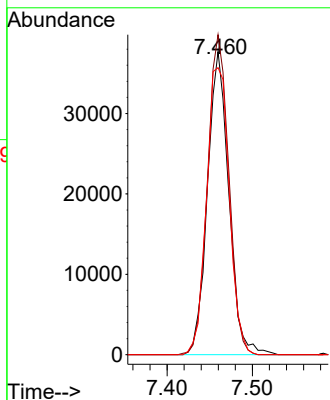
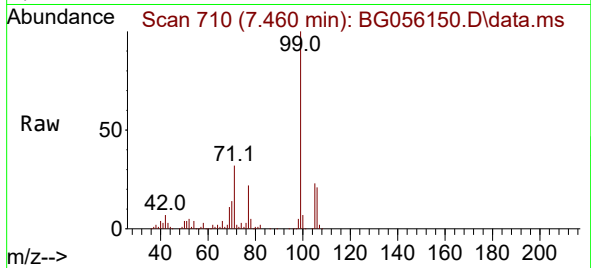




#9
Benzaldehyde
Concen: 34.556 ng
RT: 7.460 min Scan# 710
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

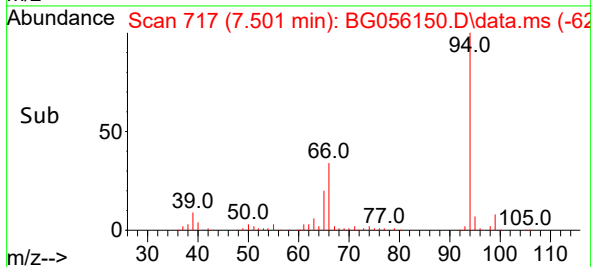
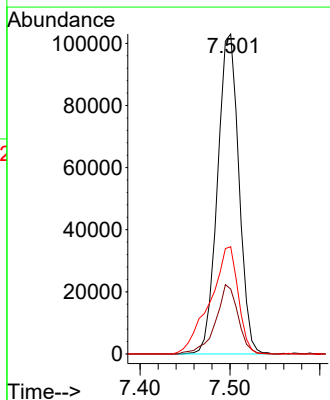
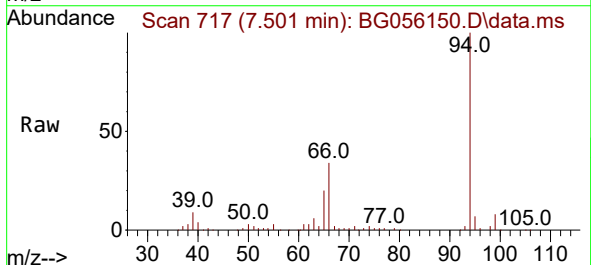
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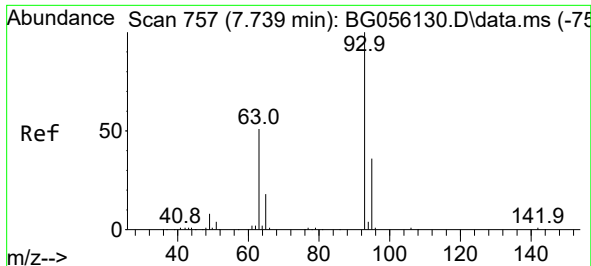
Tgt Ion: 77 Resp: 65483
Ion Ratio Lower Upper
77 100
105 105.6 86.8 126.8
106 94.7 89.3 129.3



#10
Phenol
Concen: 52.578 ng
RT: 7.501 min Scan# 717
Delta R.T. 0.003 min
Lab File: BG056150.D
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Tgt Ion: 94 Resp: 169937
Ion Ratio Lower Upper
94 100
65 20.3 4.3 44.3
66 33.5 13.2 53.2

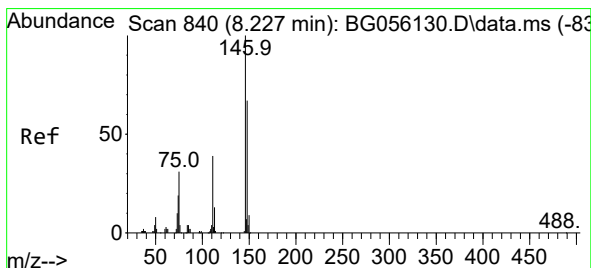
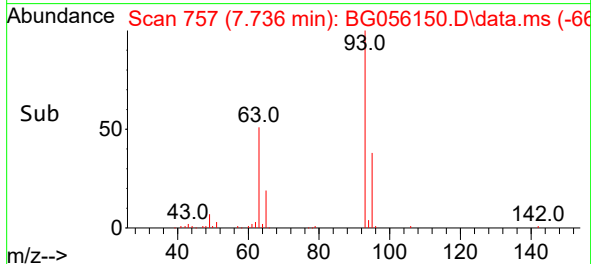
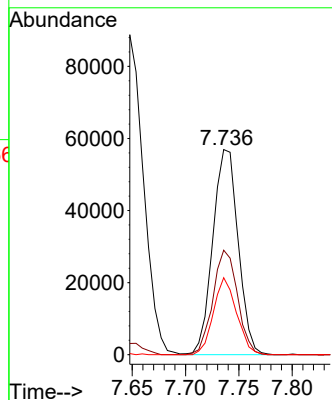
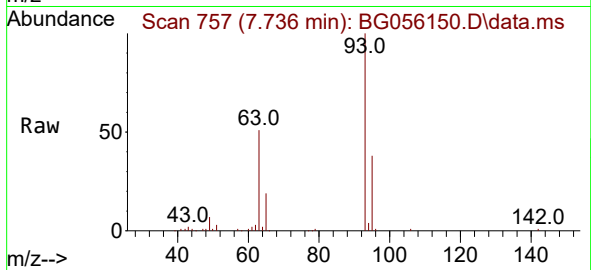




#11
bis(2-Chloroethyl)ether
Concen: 42.985 ng
RT: 7.736 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

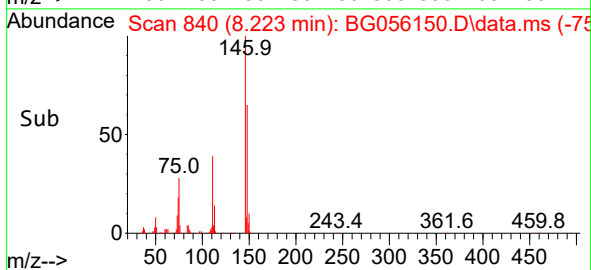
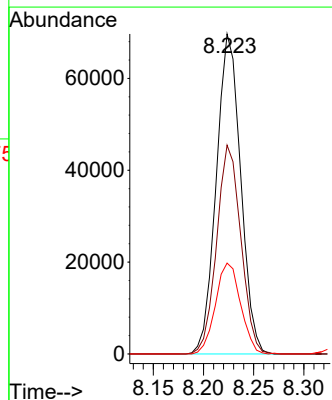
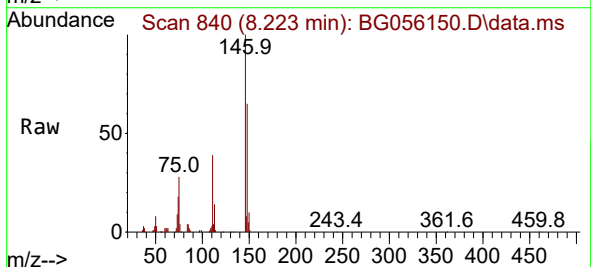
Instrument :
BNA_G
ClientSampleId :
PB149954BS

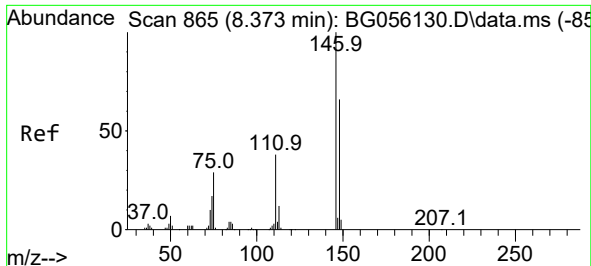
Tgt Ion: 93 Resp: 94150
Ion Ratio Lower Upper
93 100
63 50.9 30.5 70.5
95 37.5 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 46.762 ng
RT: 8.223 min Scan# 840
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion: 146 Resp: 117530
Ion Ratio Lower Upper
146 100
148 65.3 53.5 80.3
75 28.4 24.8 37.2

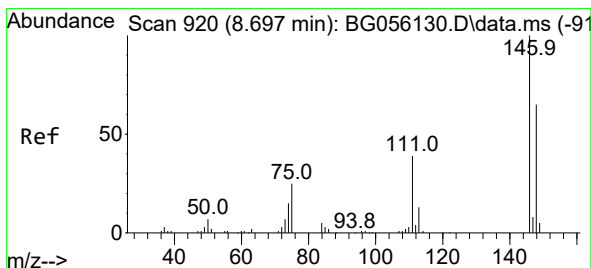
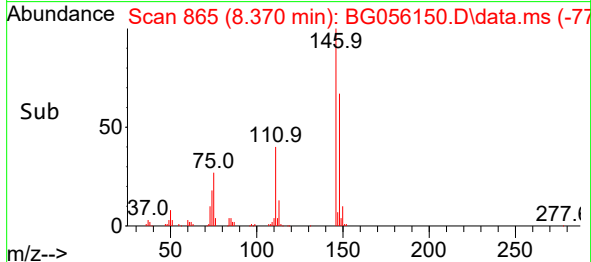
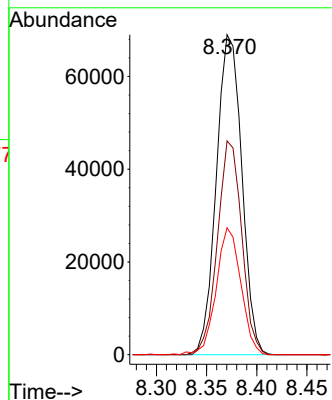
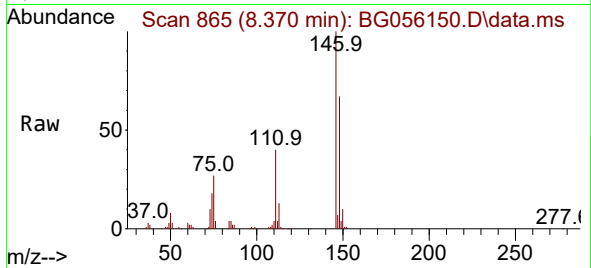




#13
1,4-Dichlorobenzene
Concen: 48.217 ng
RT: 8.370 min Scan# 865
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

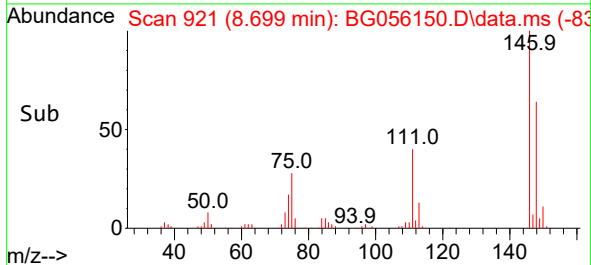
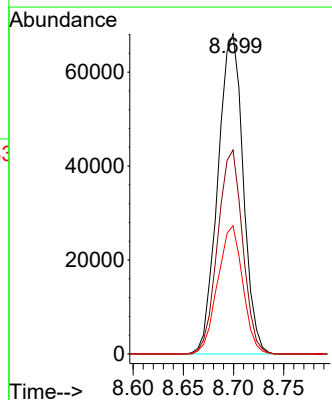
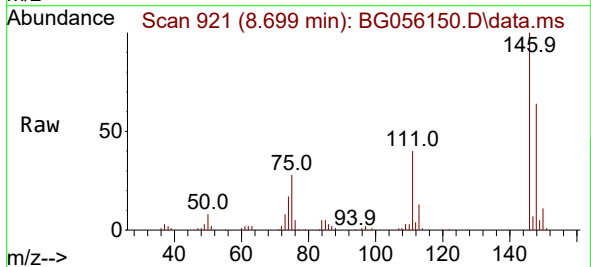
Instrument :
BNA_G
ClientSampleId :
PB149954BS

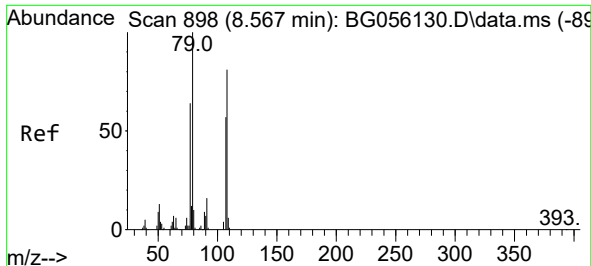
Tgt Ion:146 Resp: 121694
Ion Ratio Lower Upper
146 100
148 66.8 52.8 79.2
111 39.7 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 48.996 ng
RT: 8.699 min Scan# 921
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:146 Resp: 119319
Ion Ratio Lower Upper
146 100
148 63.8 51.7 77.5
111 40.1 31.5 47.3

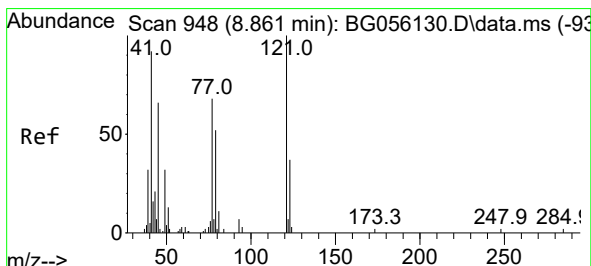
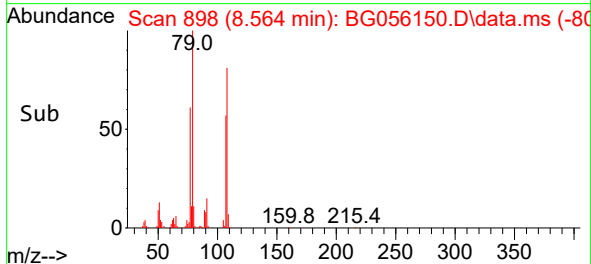
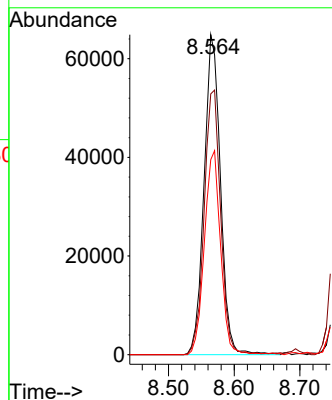
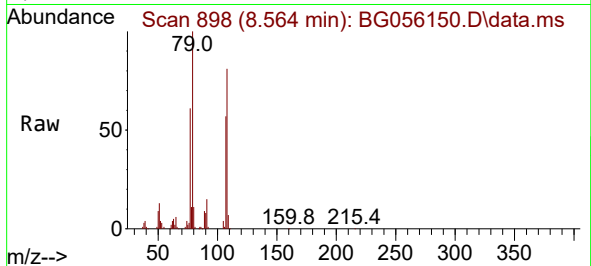




#15
Benzyl Alcohol
Concen: 48.708 ng
RT: 8.564 min Scan# 898
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

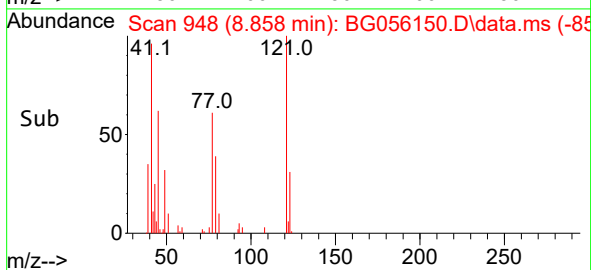
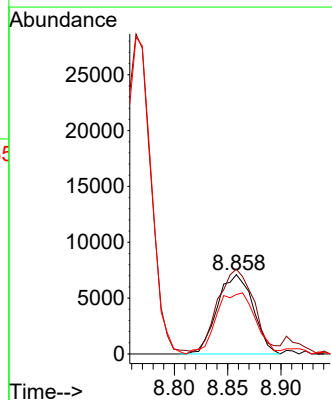
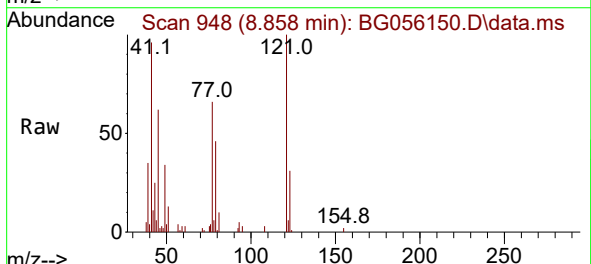
Instrument :
BNA_G
ClientSampleId :
PB149954BS

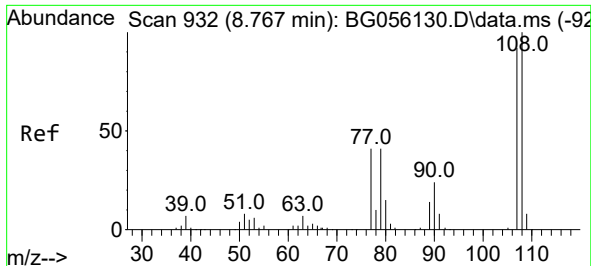
Tgt Ion: 79 Resp: 112978
Ion Ratio Lower Upper
79 100
108 81.5 64.7 97.1
77 61.0 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.797 ng
RT: 8.858 min Scan# 948
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion: 45 Resp: 16565
Ion Ratio Lower Upper
45 100
77 106.9 88.2 128.2
79 75.0 61.2 101.2





#17

2-Methylphenol

Concen: 48.100 ng

RT: 8.764 min Scan# 91

Delta R.T. -0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

Instrument :

BNA_G

ClientSampleId :

PB149954BS

Tgt Ion:107 Resp: 114075

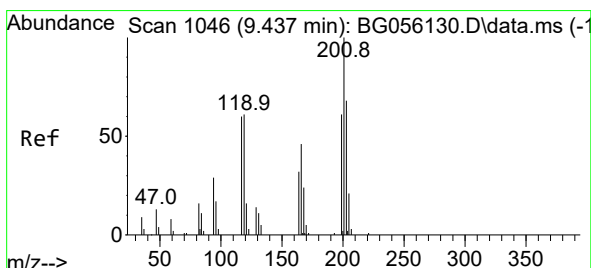
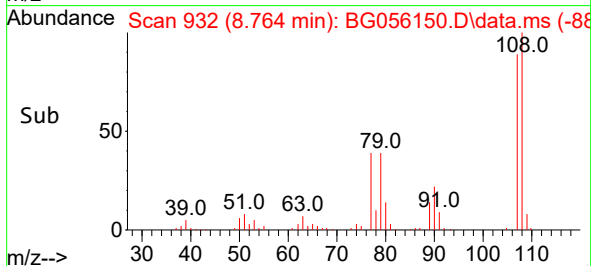
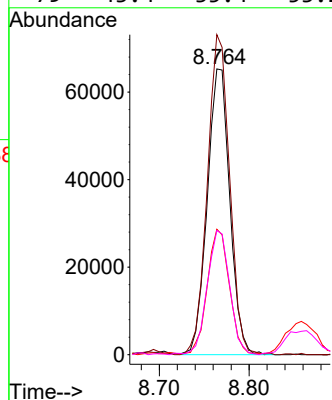
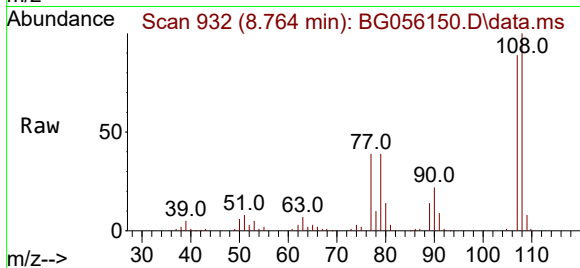
Ion Ratio Lower Upper

107 100

108 112.0 86.6 129.8

77 43.9 35.4 53.2

79 43.4 35.4 53.2



#18

Hexachloroethane

Concen: 46.448 ng

RT: 9.440 min Scan# 1047

Delta R.T. 0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

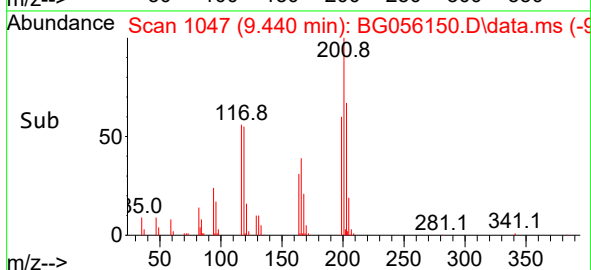
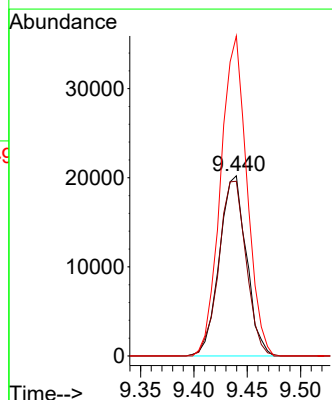
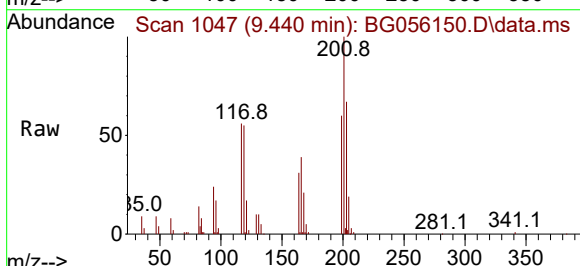
Tgt Ion:117 Resp: 35613

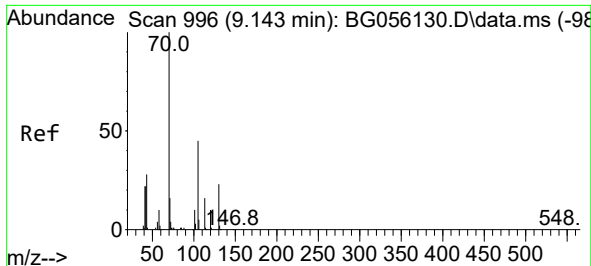
Ion Ratio Lower Upper

117 100

119 97.0 81.8 122.6

201 177.6 134.2 201.2



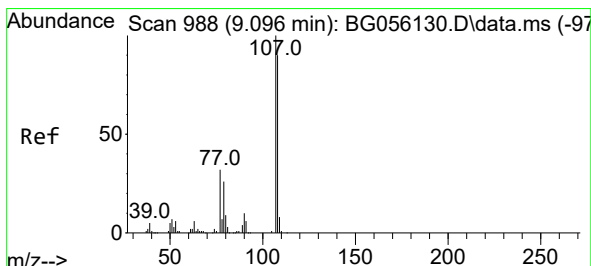
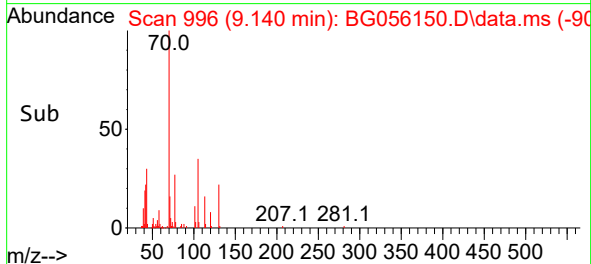
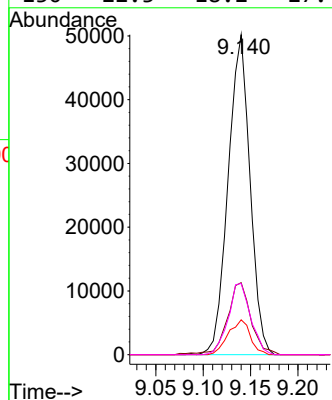
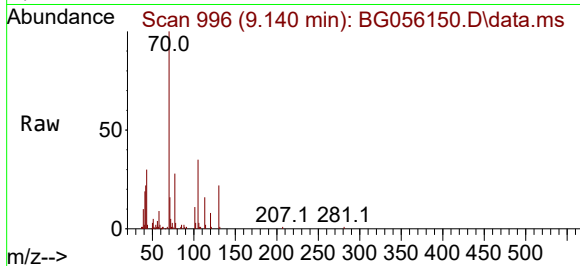


#19
n-Nitroso-di-n-propylamine
Concen: 41.484 ng
RT: 9.140 min Scan# 996
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Instrument :
BNA_G
ClientSampleId :
PB149954BS

Tgt Ion: 70 Resp: 80396

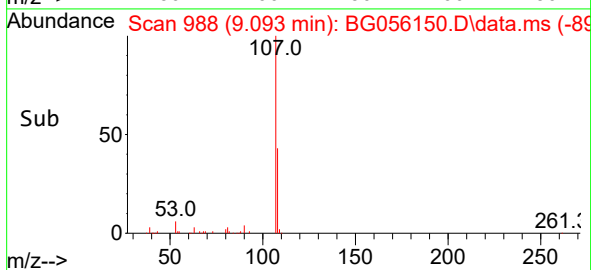
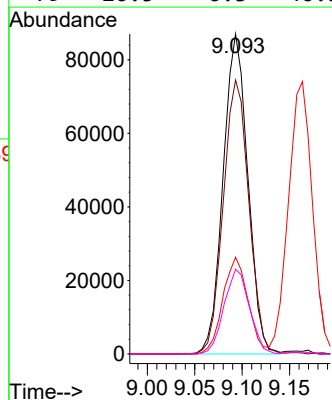
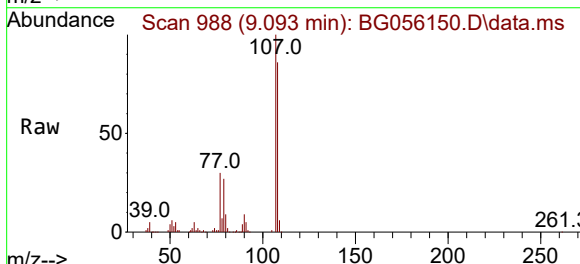
Ion	Ratio	Lower	Upper
70	100		
42	22.5	18.2	27.2
101	10.9	8.3	12.5
130	22.3	18.2	27.4

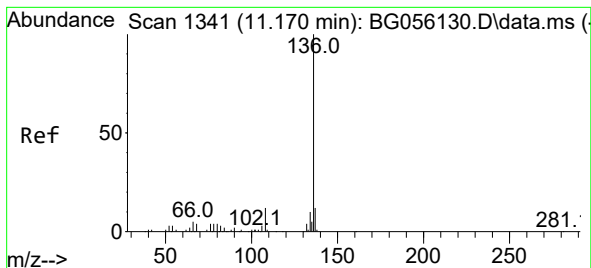


#20
3+4-Methylphenols
Concen: 47.279 ng
RT: 9.093 min Scan# 988
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion: 107 Resp: 157646

Ion	Ratio	Lower	Upper
107	100		
108	85.6	69.6	109.6
77	30.3	11.7	51.7
79	26.5	6.3	46.3

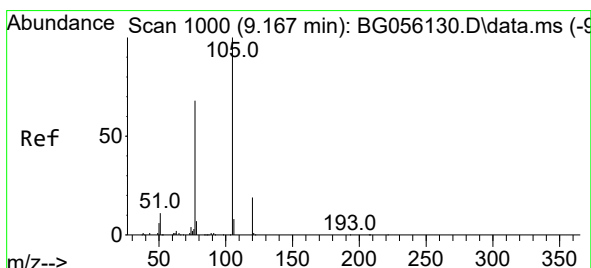
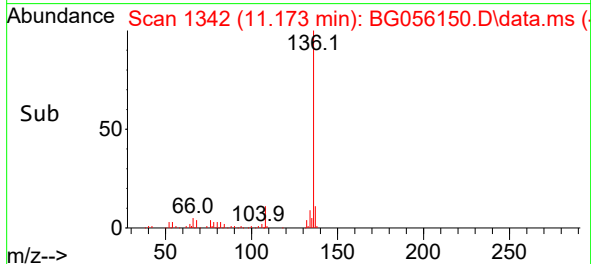
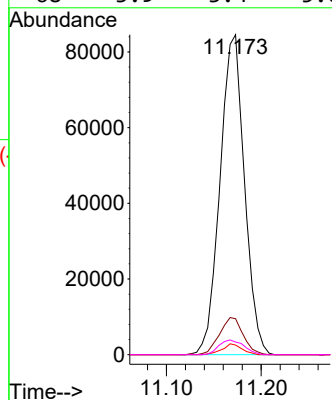
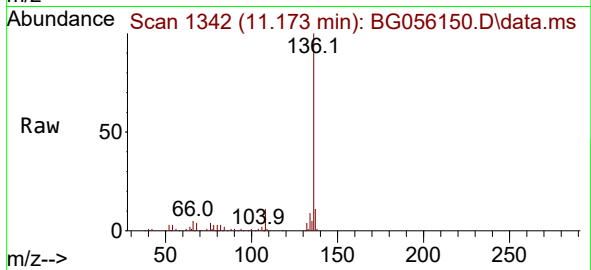




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.173 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

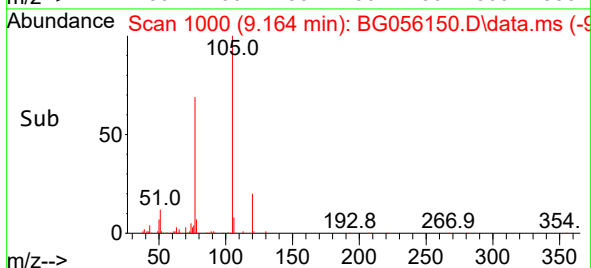
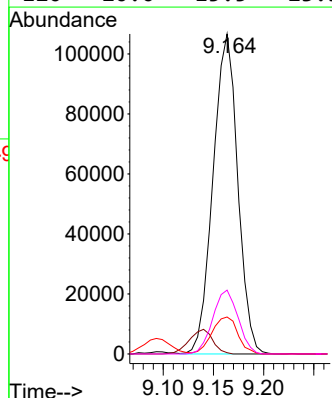
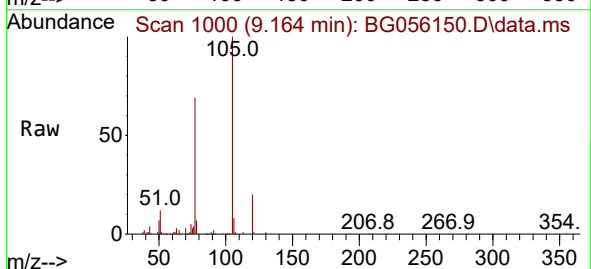
Instrument :
BNA_G
ClientSampleId :
PB149954BS

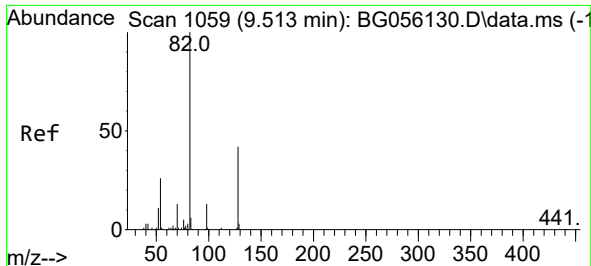
Tgt Ion:136 Resp: 151633
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 3.0 2.2 3.2
68 3.9 3.4 5.0



#22
Acetophenone
Concen: 42.533 ng
RT: 9.164 min Scan# 1000
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:105 Resp: 182359
Ion Ratio Lower Upper
105 100
71 0.4 0.5 0.7#
51 11.6 9.3 13.9
120 20.0 15.5 23.3

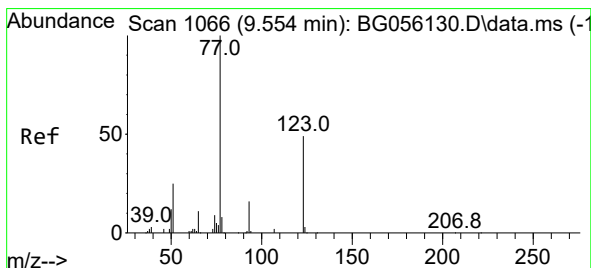
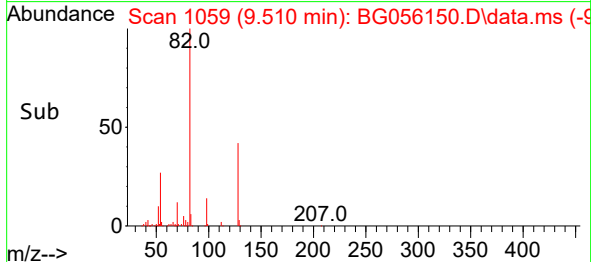
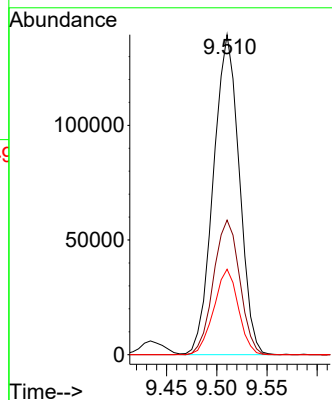
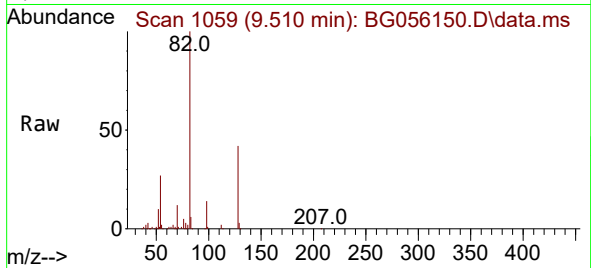




#23
Nitrobenzene-d5
Concen: 84.366 ng
RT: 9.510 min Scan# 1059
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

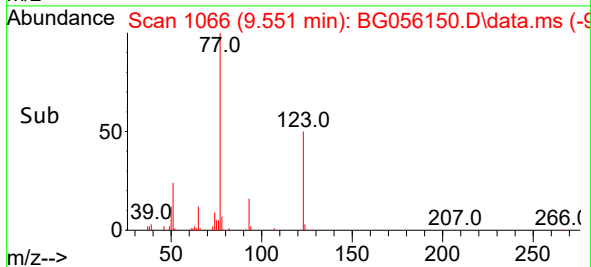
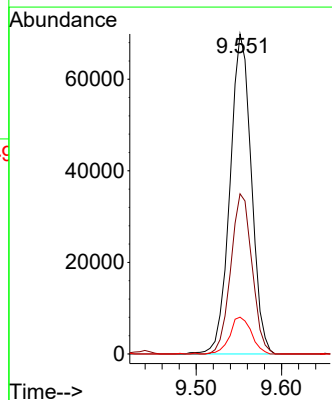
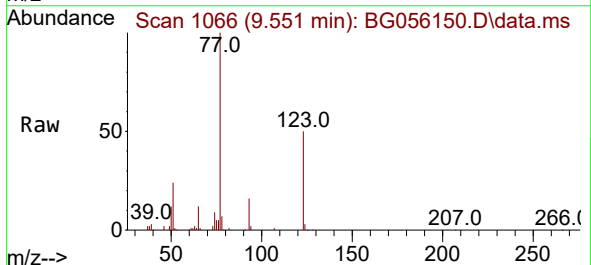
Instrument :
BNA_G
ClientSampleId :
PB149954BS

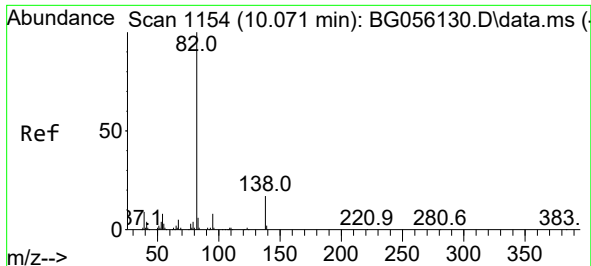
Tgt Ion: 82 Resp: 250092
Ion Ratio Lower Upper
82 100
128 42.0 33.4 50.2
54 26.7 20.3 30.5



#24
Nitrobenzene
Concen: 41.431 ng
RT: 9.551 min Scan# 1066
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion: 77 Resp: 121712
Ion Ratio Lower Upper
77 100
123 50.1 38.8 58.2
65 11.5 9.1 13.7

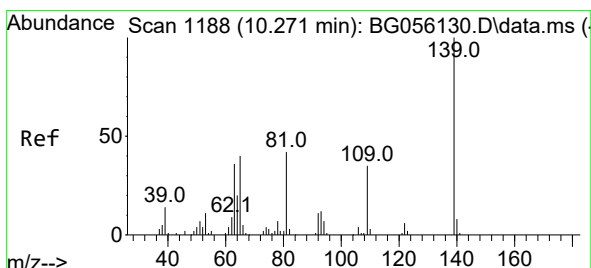
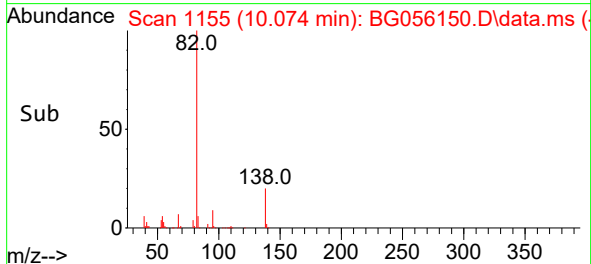
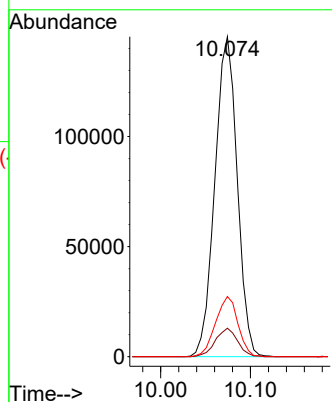
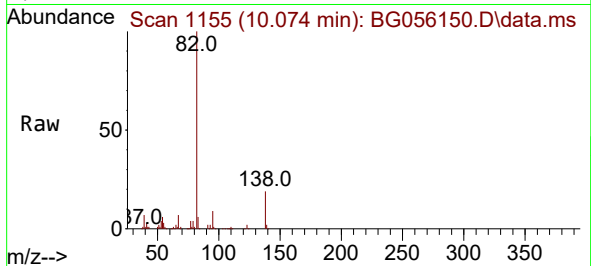




#25
Isophorone
Concen: 40.253 ng
RT: 10.074 min Scan# 1154
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

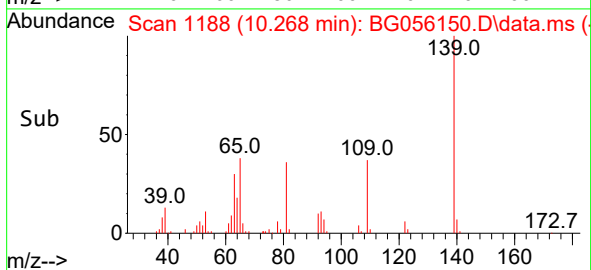
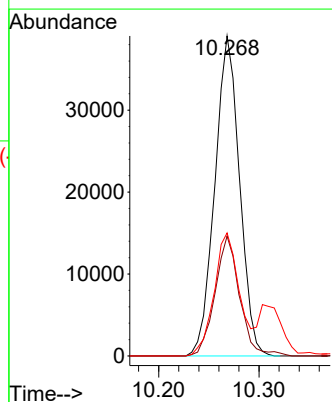
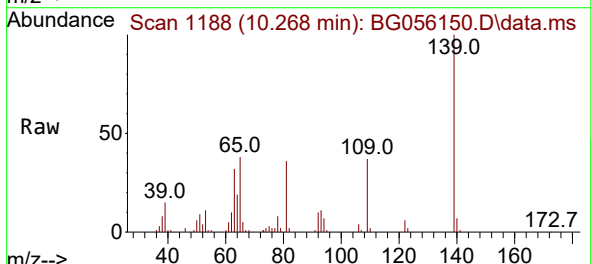
Instrument :
BNA_G
ClientSampleId :
PB149954BS

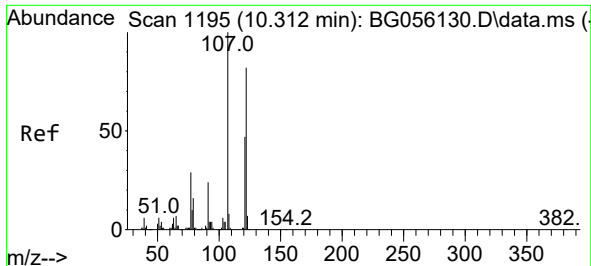
Tgt Ion: 82 Resp: 251066
Ion Ratio Lower Upper
82 100
95 8.9 6.7 10.1
138 18.8 13.7 20.5



#26
2-Nitrophenol
Concen: 44.399 ng
RT: 10.268 min Scan# 1188
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:139 Resp: 66736
Ion Ratio Lower Upper
139 100
109 37.4 28.4 42.6
65 38.5 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 47.447 ng

RT: 10.309 min Scan# 1195

Delta R.T. -0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

Instrument :

BNA_G

ClientSampleId :

PB149954BS

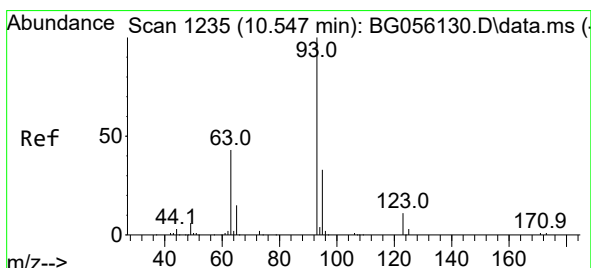
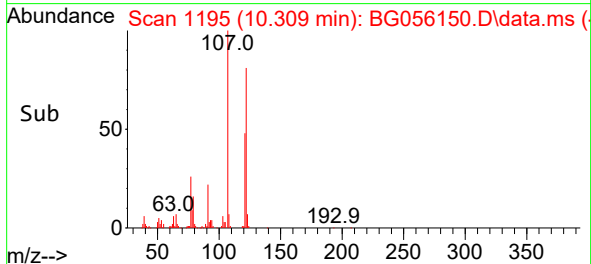
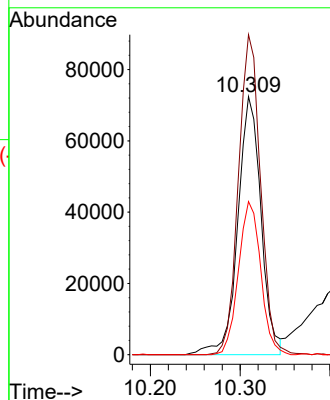
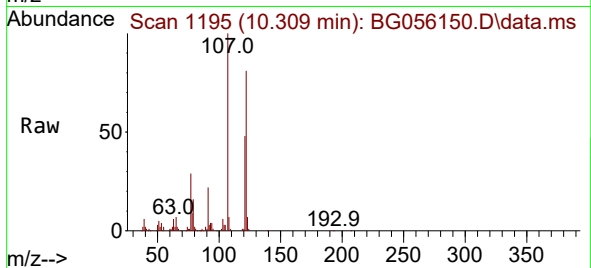
Tgt Ion:122 Resp: 130075

Ion Ratio Lower Upper

122 100

107 124.0 97.5 146.3

121 59.3 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.253 ng

RT: 10.550 min Scan# 1236

Delta R.T. 0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

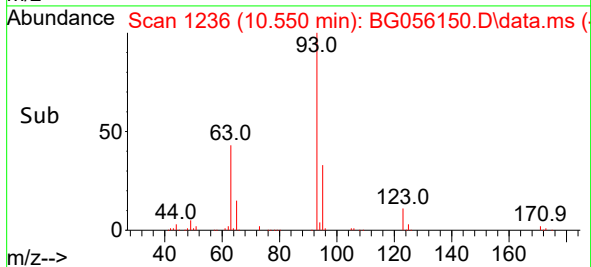
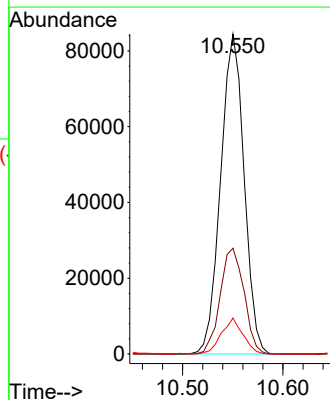
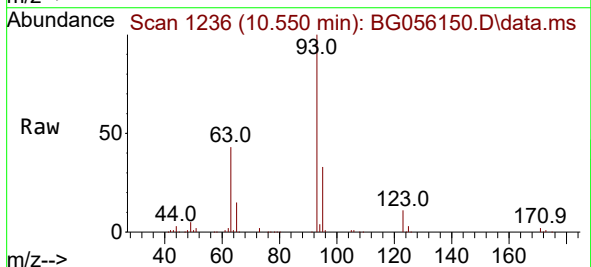
Tgt Ion: 93 Resp: 136970

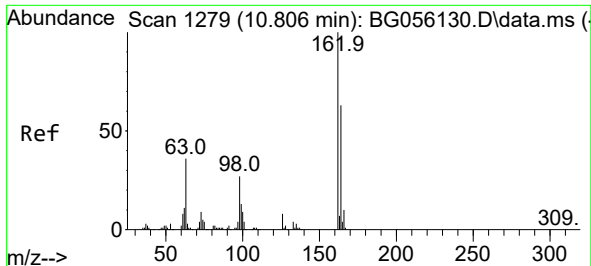
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 11.2 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 49.029 ng

RT: 10.803 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

Instrument :

BNA_G

ClientSampleId :

PB149954BS

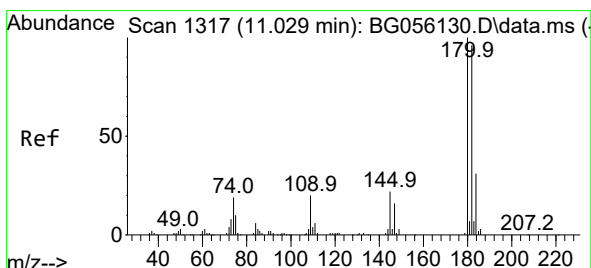
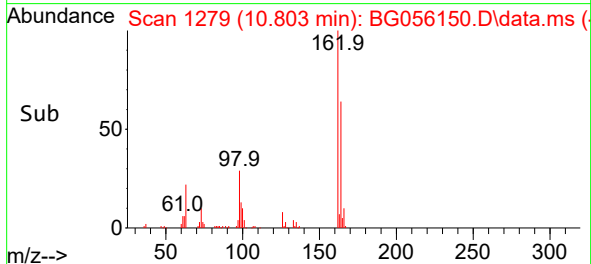
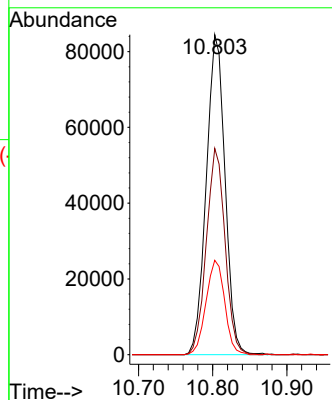
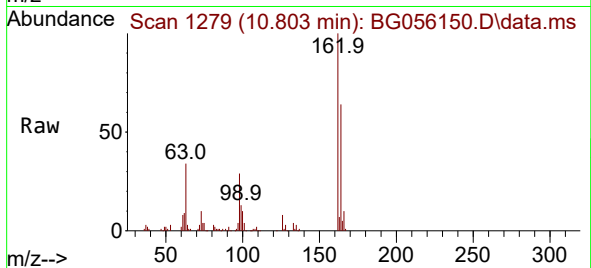
Tgt Ion:162 Resp: 148602

Ion Ratio Lower Upper

162 100

164 64.5 43.3 83.3

98 29.5 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 44.043 ng

RT: 11.026 min Scan# 1317

Delta R.T. -0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

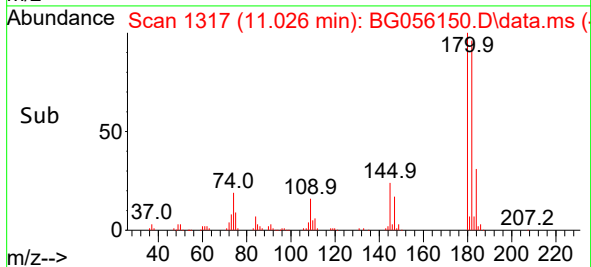
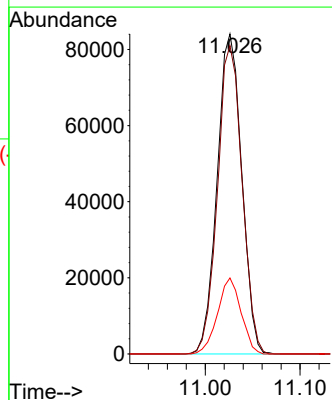
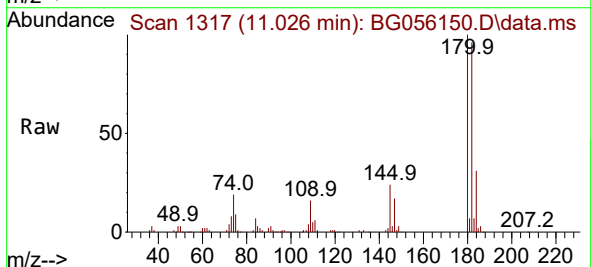
Tgt Ion:180 Resp: 151483

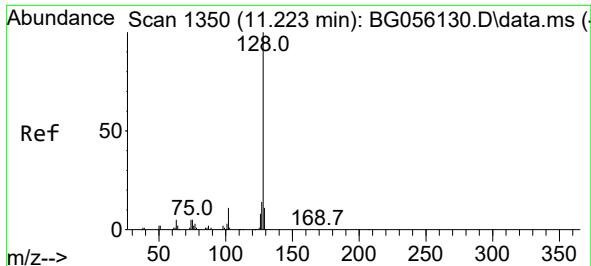
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.4

145 23.8 17.4 26.2

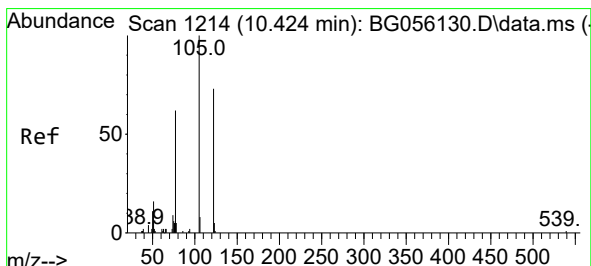
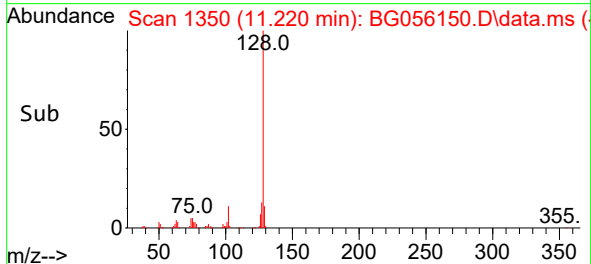
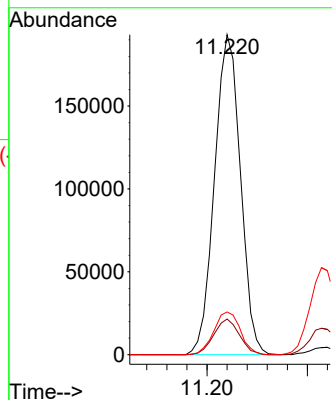
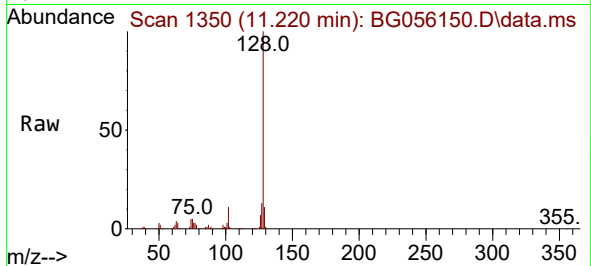




#31
Naphthalene
Concen: 43.289 ng
RT: 11.220 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

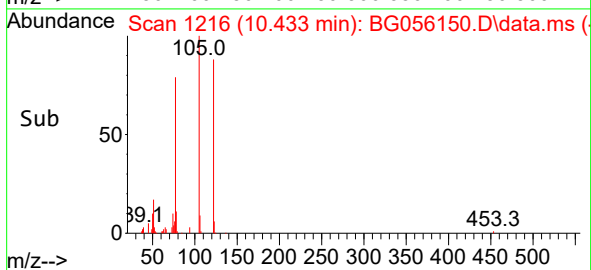
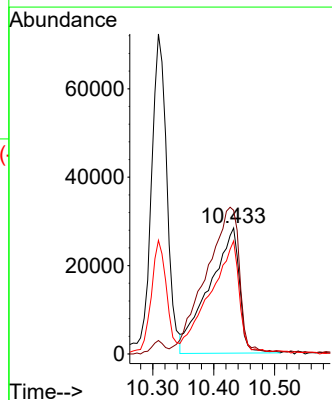
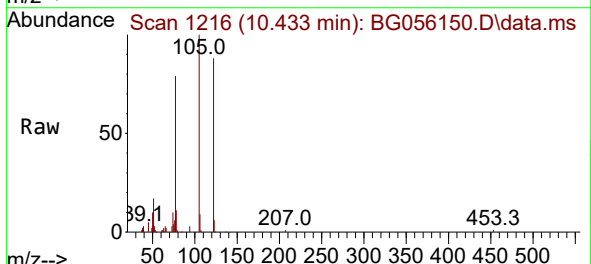
Instrument :
BNA_G
ClientSampleId :
PB149954BS

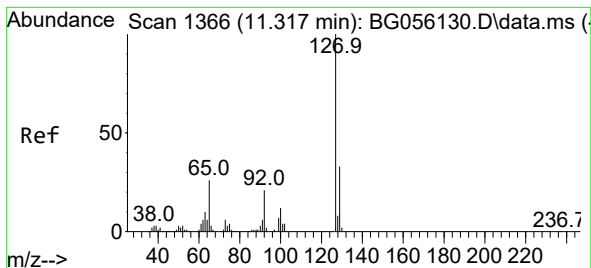
Tgt Ion:128 Resp: 345453
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 11.2 16.8



#32
Benzoic acid
Concen: 47.866 ng
RT: 10.433 min Scan# 1216
Delta R.T. 0.009 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:122 Resp: 97365
Ion Ratio Lower Upper
122 100
105 114.1 109.0 149.0
77 89.6 63.1 103.1





#33

4-Chloroaniline

Concen: 25.533 ng

RT: 11.314 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

Instrument :

BNA_G

ClientSampleId :

PB149954BS

Tgt Ion:127 Resp: 97282

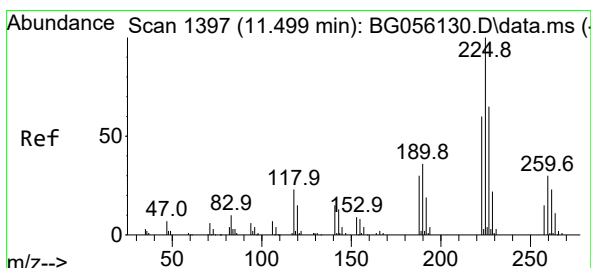
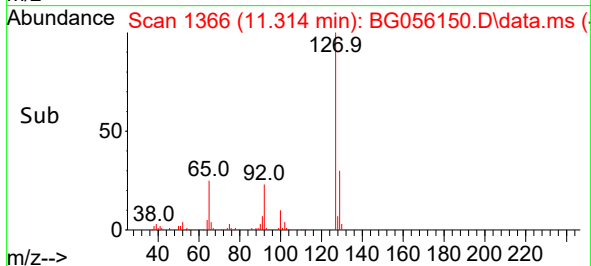
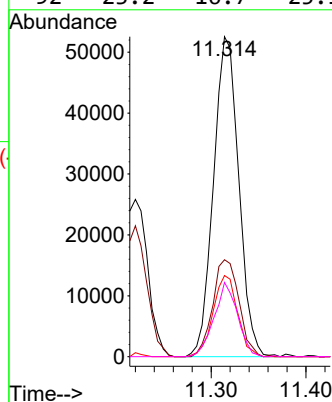
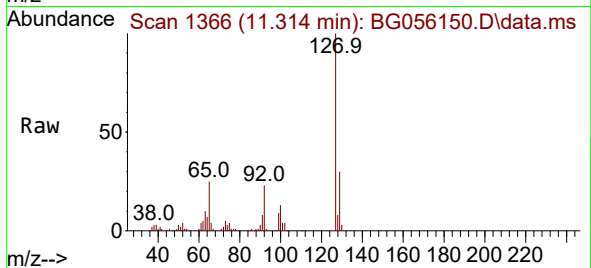
Ion Ratio Lower Upper

127 100

129 30.3 26.1 39.1

65 25.4 20.9 31.3

92 23.2 16.7 25.1



#34

Hexachlorobutadiene

Concen: 42.915 ng

RT: 11.496 min Scan# 1397

Delta R.T. -0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

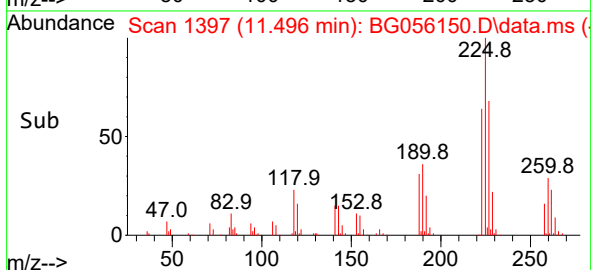
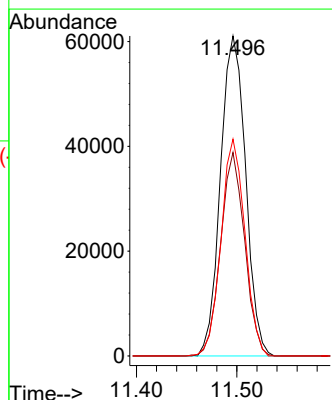
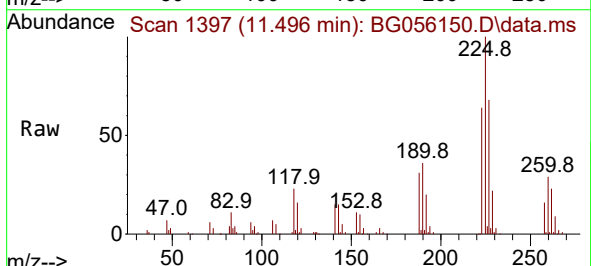
Tgt Ion:225 Resp: 106159

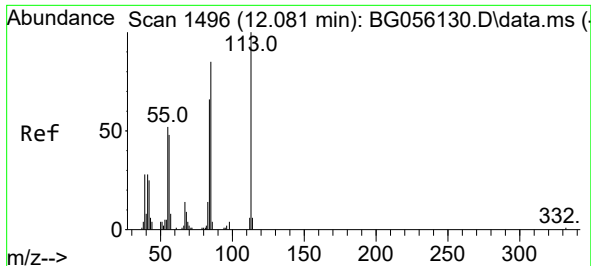
Ion Ratio Lower Upper

225 100

223 63.6 47.7 71.5

227 67.7 52.3 78.5

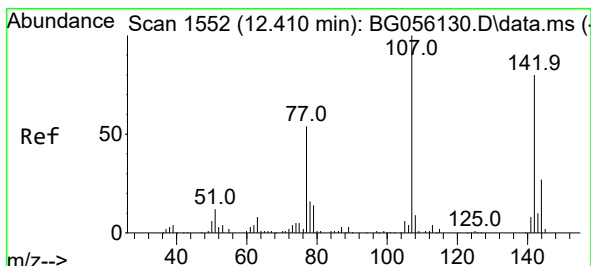
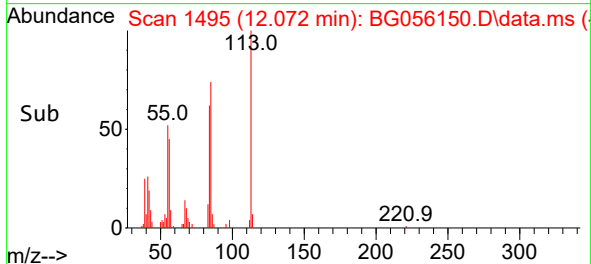
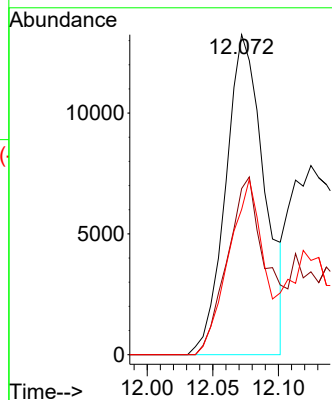
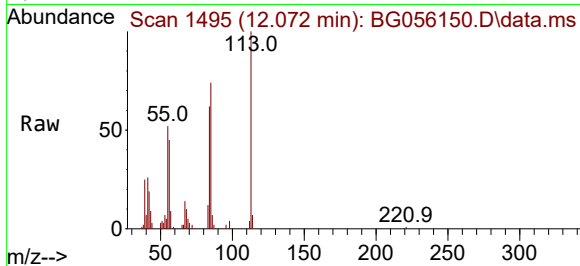




#35
 Caprolactam
 Concen: 26.466 ng
 RT: 12.072 min Scan# 1495
 Delta R.T. -0.009 min
 Lab File: BG056150.D
 Acq: 29 Dec 2022 11:58

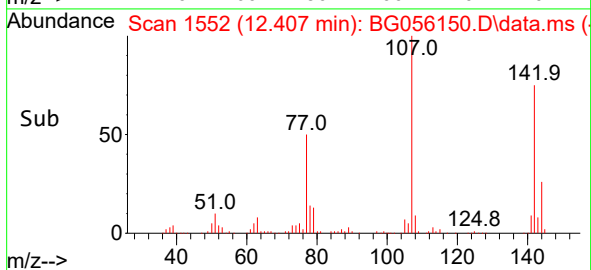
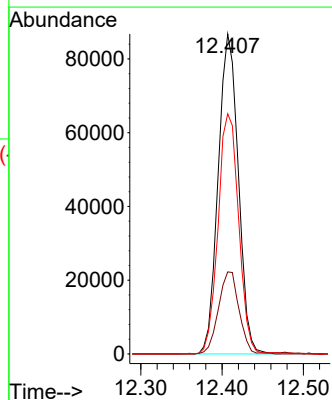
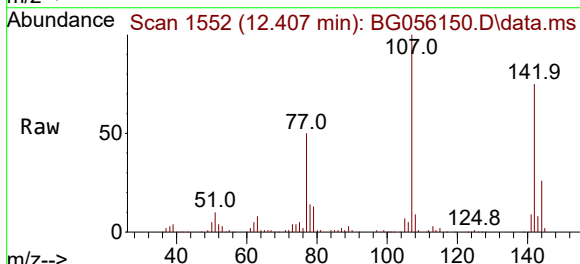
Instrument :
 BNA_G
 ClientSampleId :
 PB149954BS

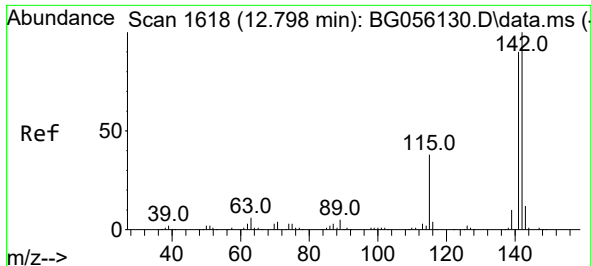
Tgt Ion:113 Resp: 27158
 Ion Ratio Lower Upper
 113 100
 55 51.9 31.9 71.9
 56 45.4 27.6 67.6



#36
 4-Chloro-3-methylphenol
 Concen: 48.646 ng
 RT: 12.407 min Scan# 1552
 Delta R.T. -0.003 min
 Lab File: BG056150.D
 Acq: 29 Dec 2022 11:58

Tgt Ion:107 Resp: 149610
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.5 32.3
 142 75.1 63.8 95.6

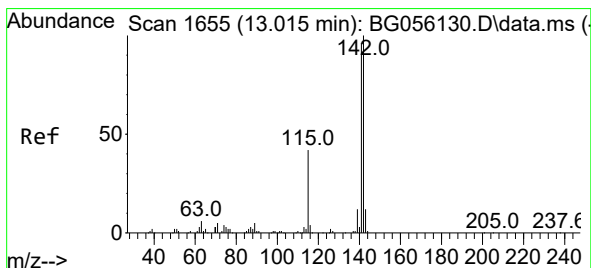
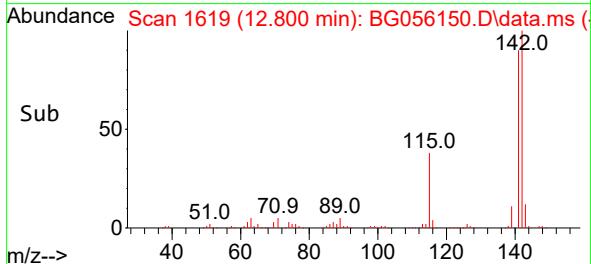
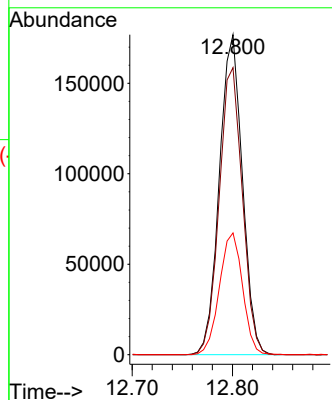
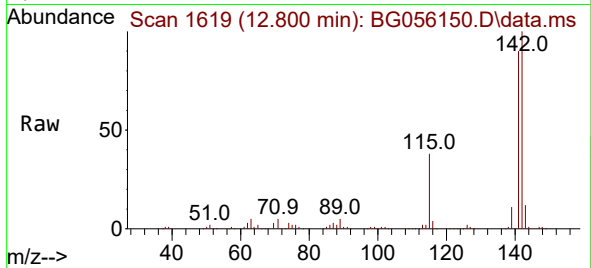




#37
2-Methylnaphthalene
Concen: 41.781 ng
RT: 12.800 min Scan# 1619
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

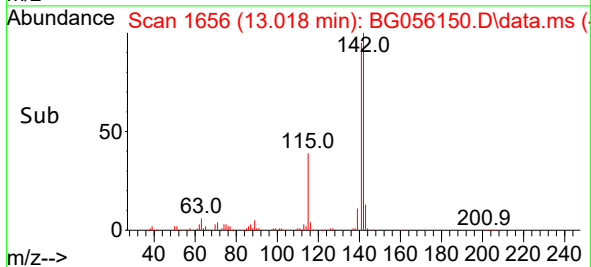
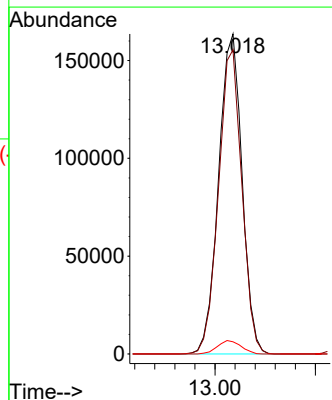
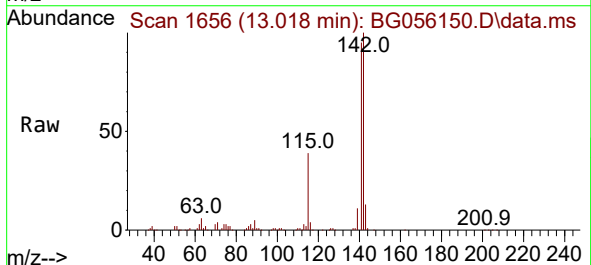
Instrument :
BNA_G
ClientSampleId :
PB149954BS

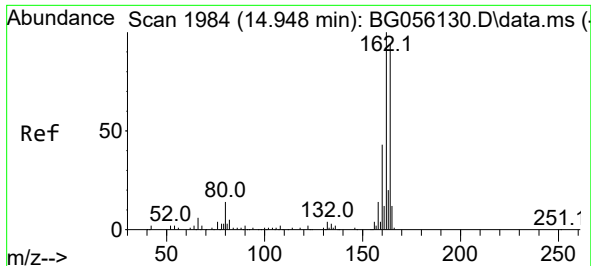
Tgt Ion:142 Resp: 281530
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.4
115 38.0 30.7 46.1



#38
1-Methylnaphthalene
Concen: 42.323 ng
RT: 13.018 min Scan# 1656
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:142 Resp: 264825
Ion Ratio Lower Upper
142 100
141 95.0 77.0 115.6
116 3.8 3.6 5.4

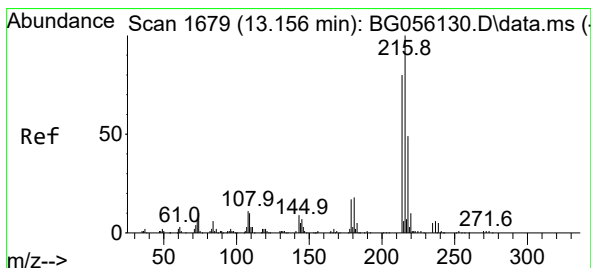
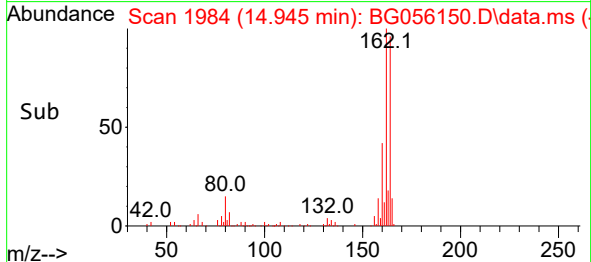
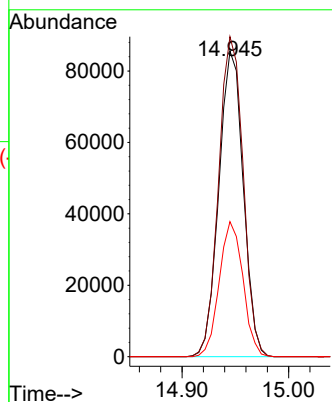
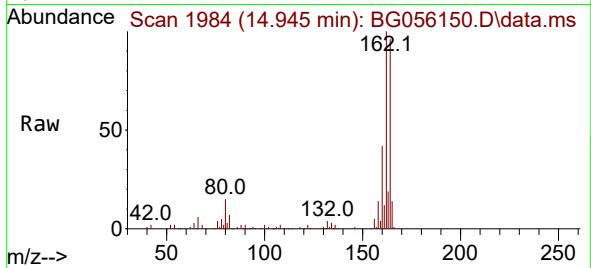




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

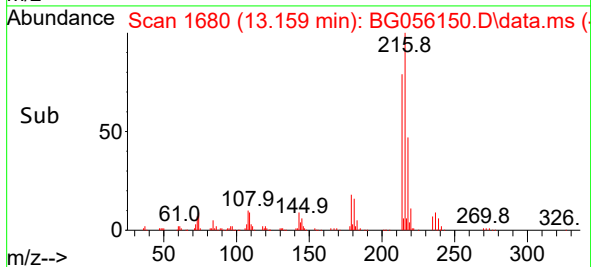
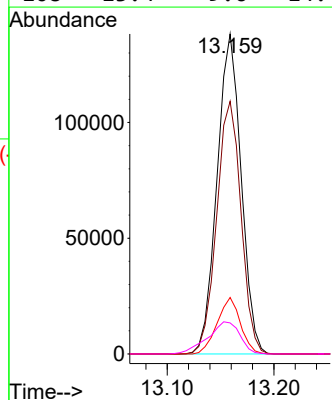
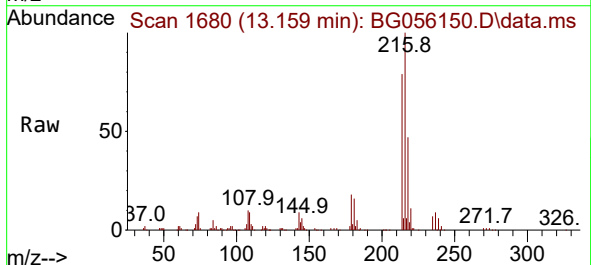
Instrument :
BNA_G
ClientSampleId :
PB149954BS

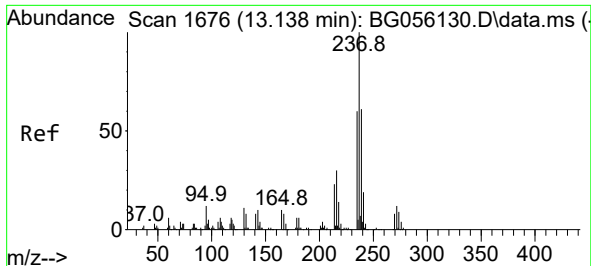
Tgt Ion:164 Resp: 136034
Ion Ratio Lower Upper
164 100
162 104.7 84.7 127.1
160 44.2 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.598 ng
RT: 13.159 min Scan# 1680
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:216 Resp: 217189
Ion Ratio Lower Upper
216 100
214 79.6 63.4 95.0
179 17.0 13.6 20.4
108 13.4 9.6 14.4

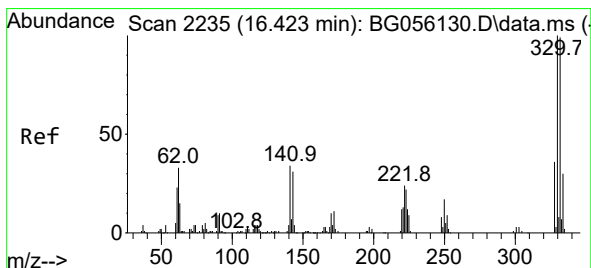
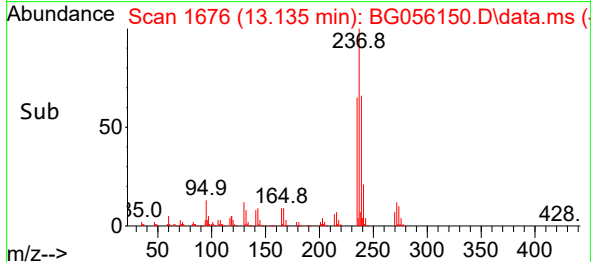
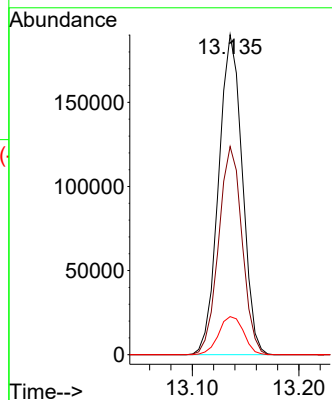
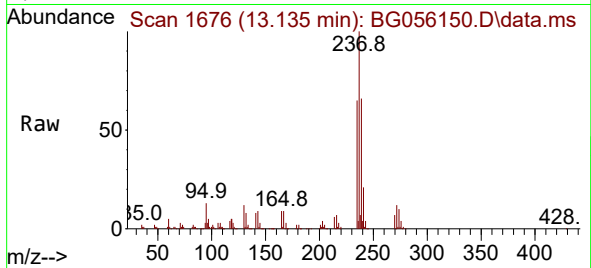




#41
Hexachlorocyclopentadiene
Concen: 100.777 ng
RT: 13.135 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

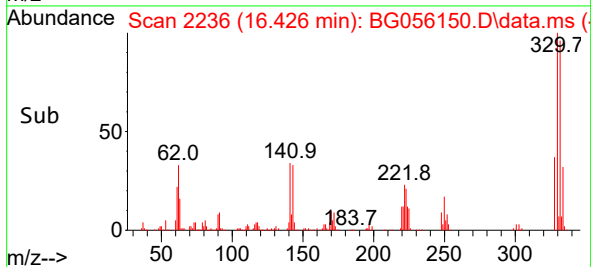
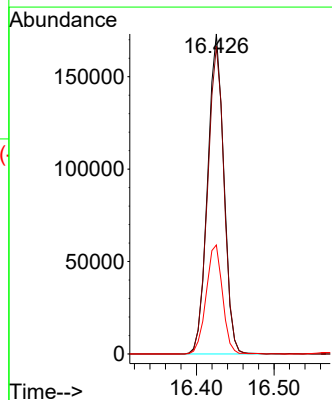
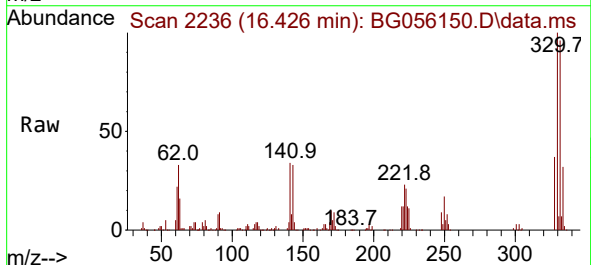
Instrument :
BNA_G
ClientSampleId :
PB149954BS

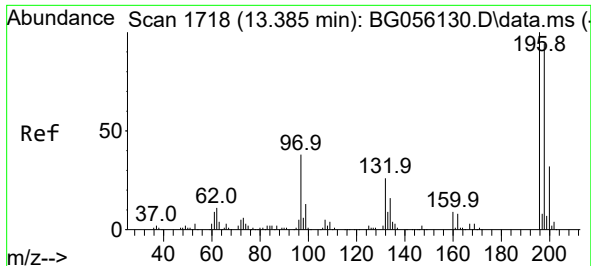
Tgt Ion:237 Resp: 292939
Ion Ratio Lower Upper
237 100
235 65.1 40.3 80.3
272 11.9 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 146.132 ng
RT: 16.426 min Scan# 2236
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:330 Resp: 251763
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 34.4 27.9 41.9

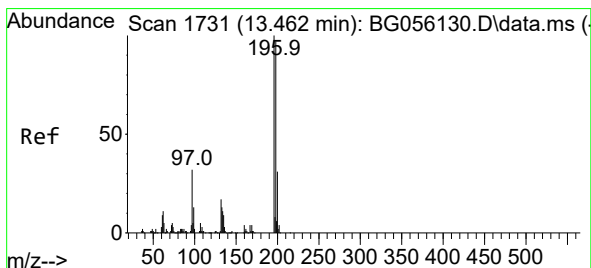
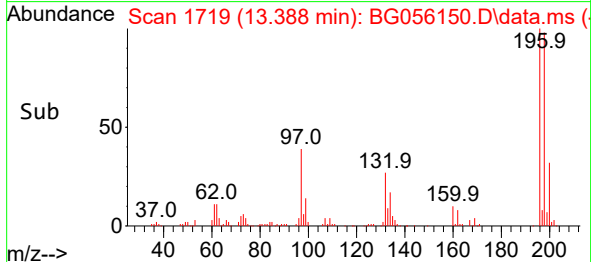
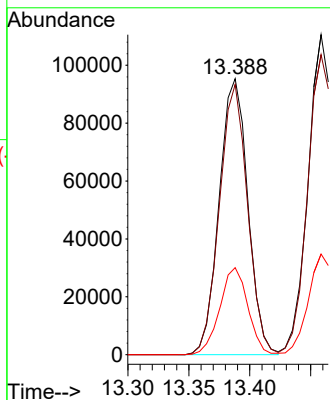
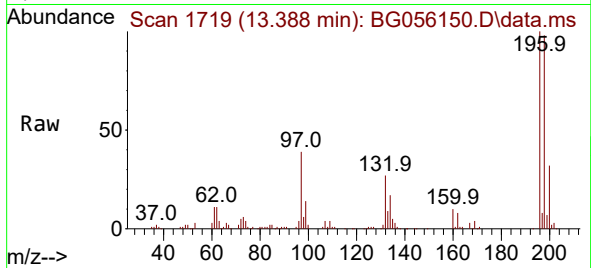




#43
2,4,6-Trichlorophenol
Concen: 46.377 ng
RT: 13.388 min Scan# 1718
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

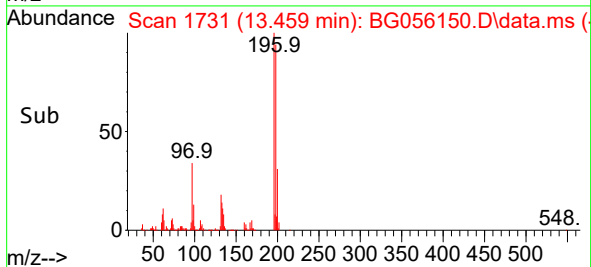
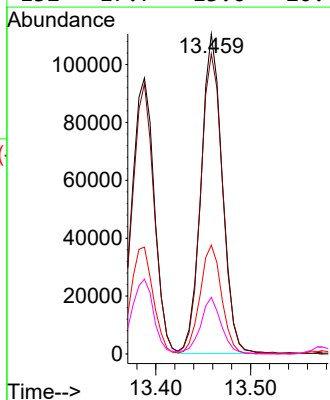
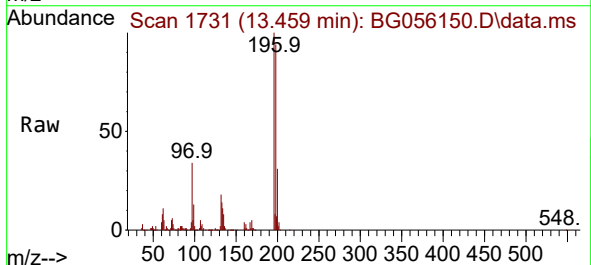
Instrument :
BNA_G
ClientSampleId :
PB149954BS

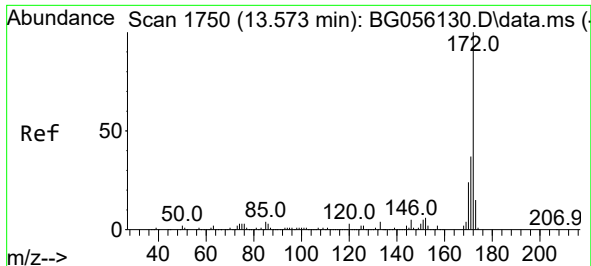
Tgt Ion:196 Resp: 156353
Ion Ratio Lower Upper
196 100
198 97.9 75.5 113.3
200 31.6 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 43.112 ng
RT: 13.459 min Scan# 1731
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:196 Resp: 171936
Ion Ratio Lower Upper
196 100
198 93.8 78.0 117.0
97 34.0 25.7 38.5
132 17.7 13.6 20.4

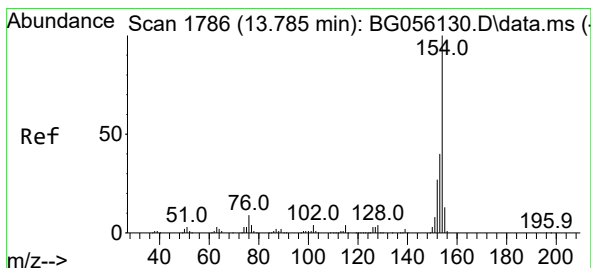
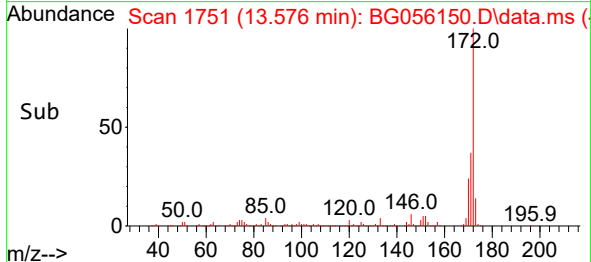
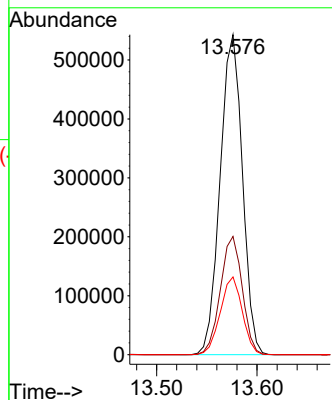
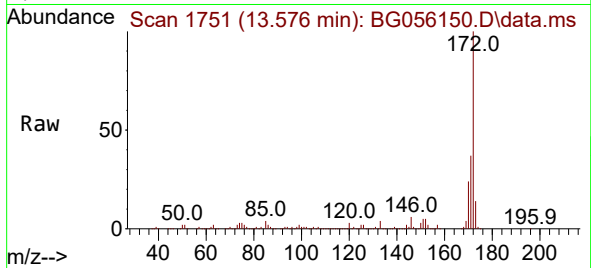




#45
2-Fluorobiphenyl
Concen: 84.950 ng
RT: 13.576 min Scan# 1750
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

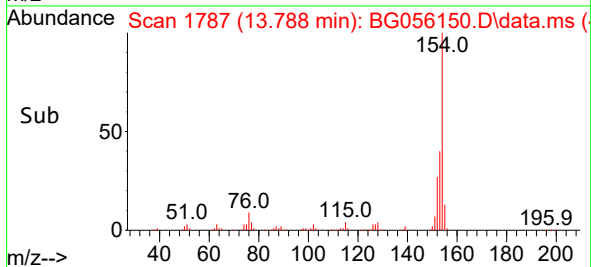
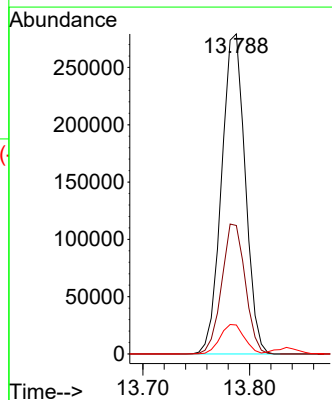
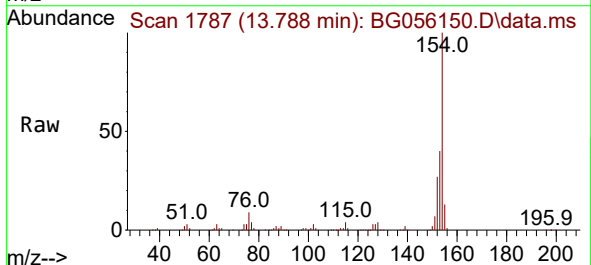
Instrument :
BNA_G
ClientSampleId :
PB149954BS

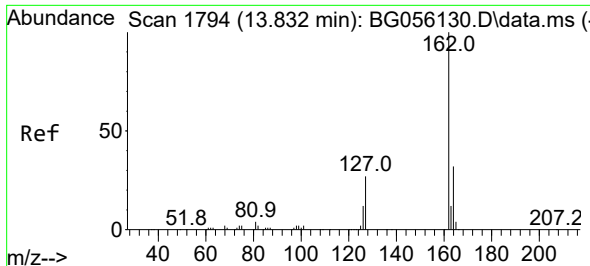
Tgt Ion:172 Resp: 836854
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.3 19.4 29.2



#46
1,1'-Biphenyl
Concen: 44.066 ng
RT: 13.788 min Scan# 1787
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:154 Resp: 429306
Ion Ratio Lower Upper
154 100
153 40.2 20.0 60.0
76 9.0 0.0 29.3

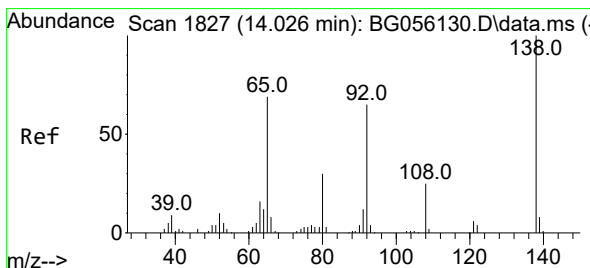
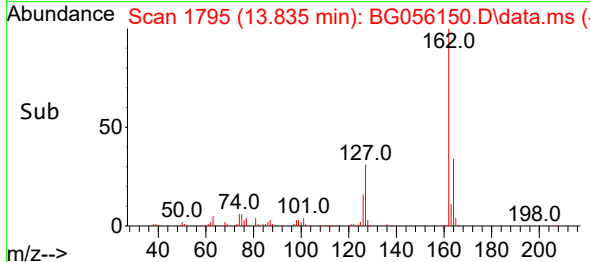
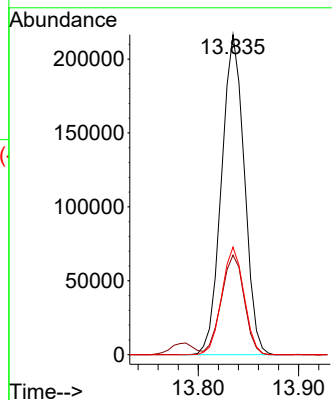
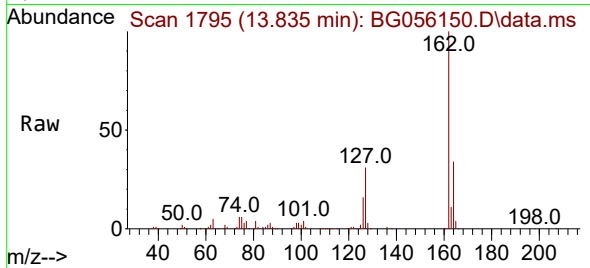




#47
2-Chloronaphthalene
Concen: 44.393 ng
RT: 13.835 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

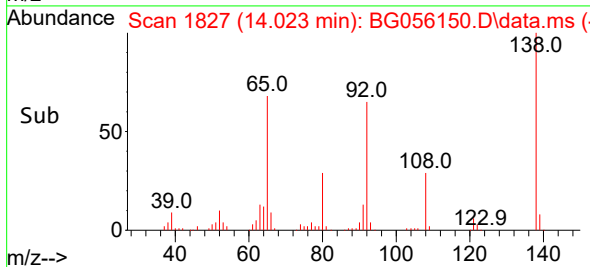
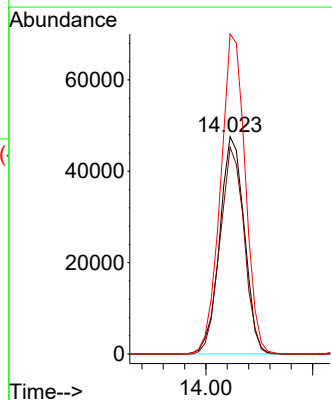
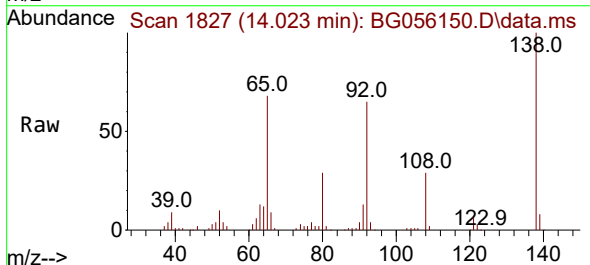
Instrument :
BNA_G
ClientSampleId :
PB149954BS

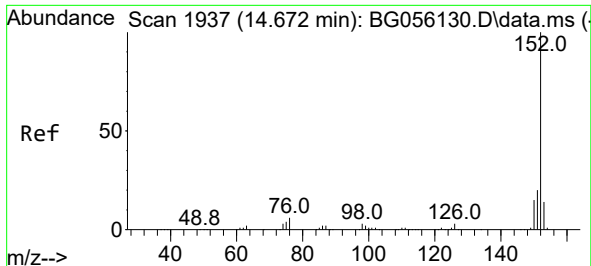
Tgt Ion:162 Resp: 341370
Ion Ratio Lower Upper
162 100
127 31.1 24.6 36.8
164 33.6 25.8 38.8



#48
2-Nitroaniline
Concen: 46.542 ng
RT: 14.023 min Scan# 1827
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion: 65 Resp: 76254
Ion Ratio Lower Upper
65 100
92 95.2 76.0 114.0
138 147.3 116.6 174.8

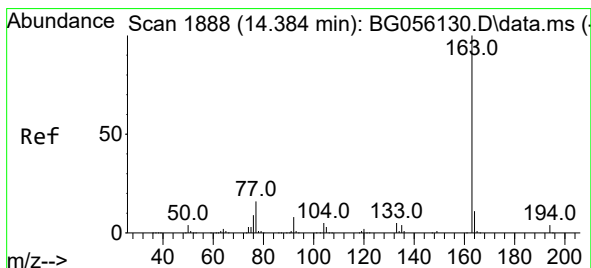
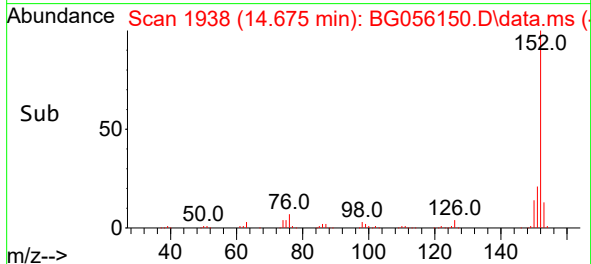
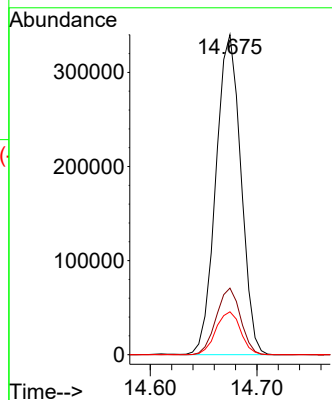
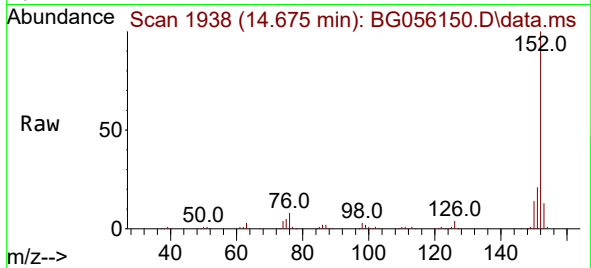




#49
Acenaphthylene
Concen: 44.260 ng
RT: 14.675 min Scan# 1937
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

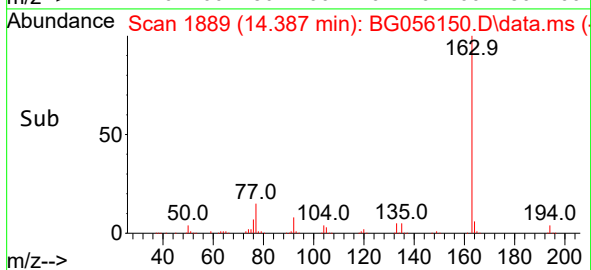
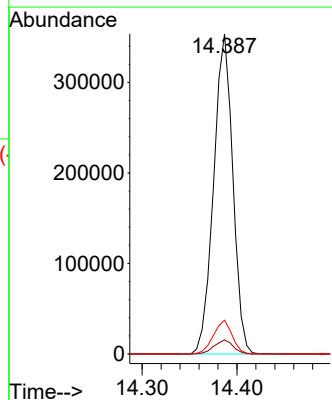
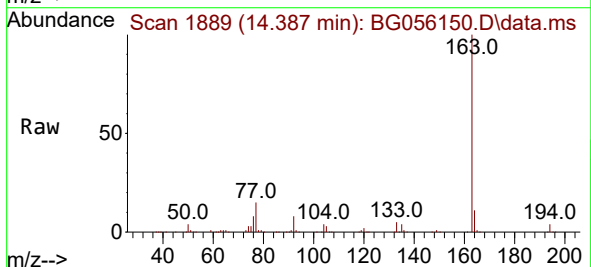
Instrument :
BNA_G
ClientSampleId :
PB149954BS

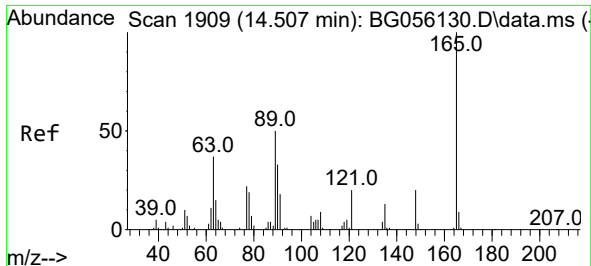
Tgt Ion:152 Resp: 553859
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 13.4 11.0 16.6



#50
Dimethylphthalate
Concen: 45.184 ng
RT: 14.387 min Scan# 1889
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:163 Resp: 496187
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.5 8.7 13.1

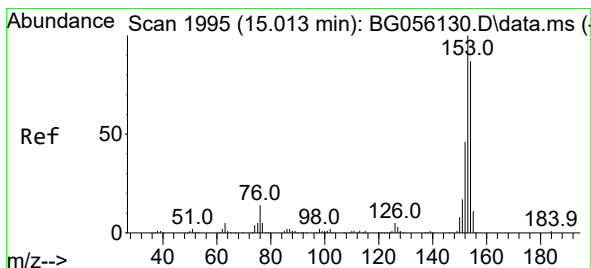
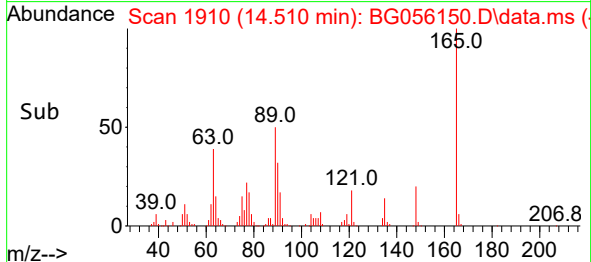
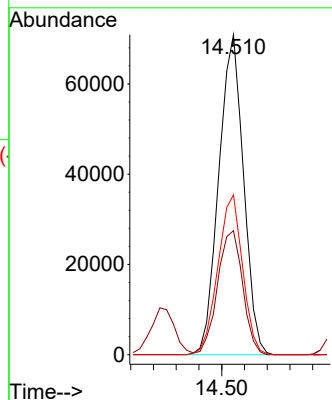
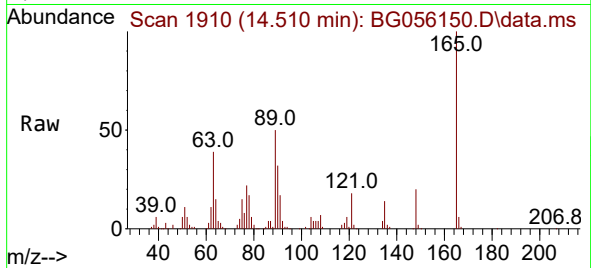




#51
2,6-Dinitrotoluene
Concen: 45.738 ng
RT: 14.510 min Scan# 1909
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

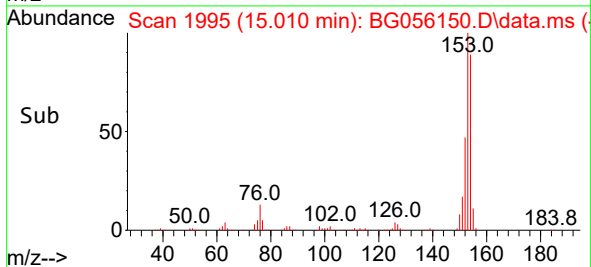
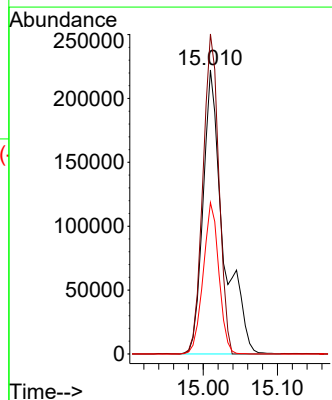
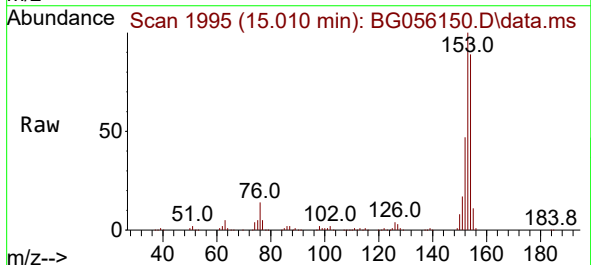
Instrument :
BNA_G
ClientSampleId :
PB149954BS

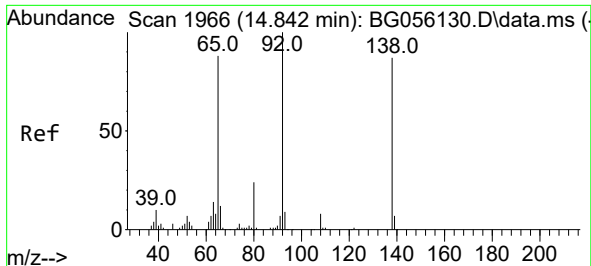
Tgt Ion:165 Resp: 107024
Ion Ratio Lower Upper
165 100
63 38.8 32.2 48.2
89 50.0 39.8 59.8



#52
Acenaphthene
Concen: 51.753 ng
RT: 15.010 min Scan# 1995
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:154 Resp: 421205
Ion Ratio Lower Upper
154 100
153 112.7 92.0 138.0
152 53.3 42.5 63.7

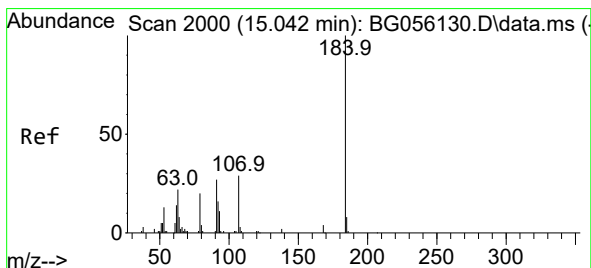
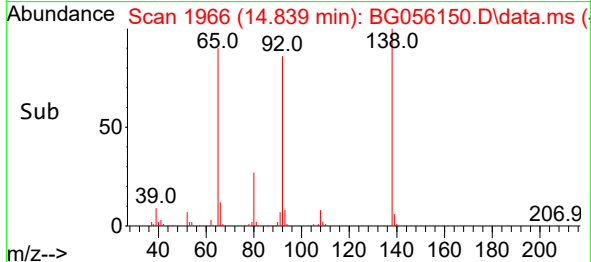
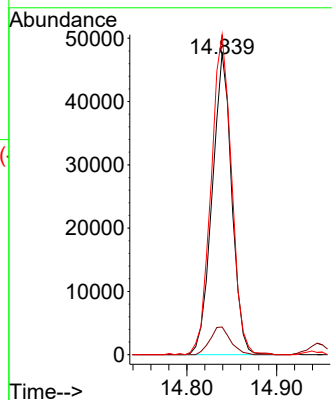
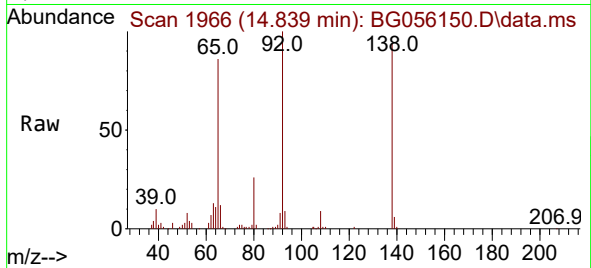




#53
3-Nitroaniline
Concen: 32.351 ng
RT: 14.839 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

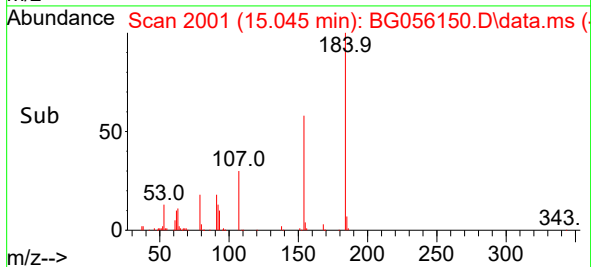
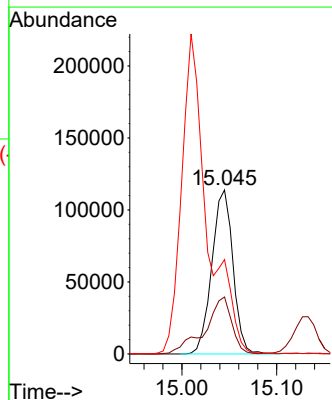
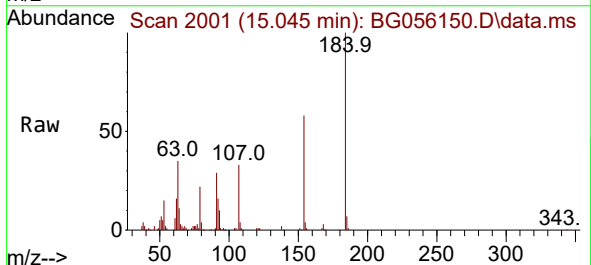
Instrument :
BNA_G
ClientSampleId :
PB149954BS

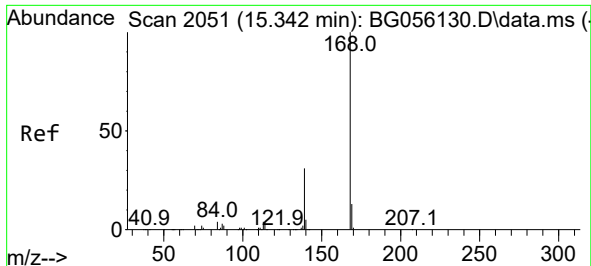
Tgt Ion:138 Resp: 72044
Ion Ratio Lower Upper
138 100
108 9.2 7.6 11.4
92 106.0 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 105.496 ng
RT: 15.045 min Scan# 2001
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:184 Resp: 176351
Ion Ratio Lower Upper
184 100
63 34.8 24.0 36.0
154 57.6 45.4 68.0

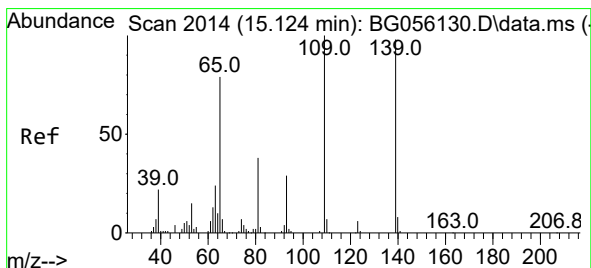
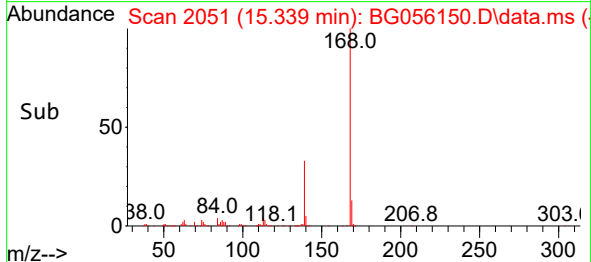
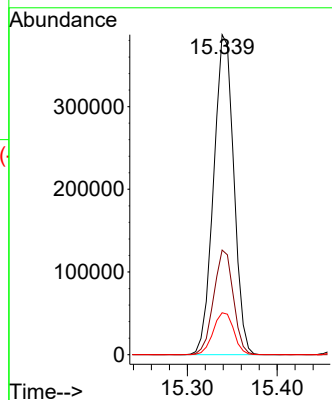
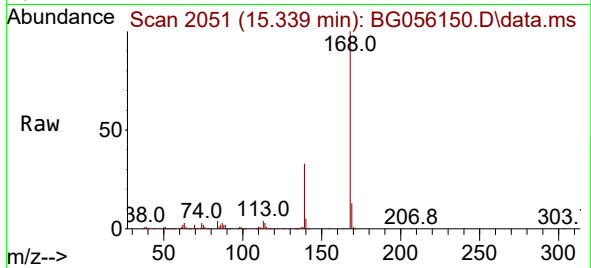




#55
Dibenzofuran
Concen: 44.781 ng
RT: 15.339 min Scan# 2051
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

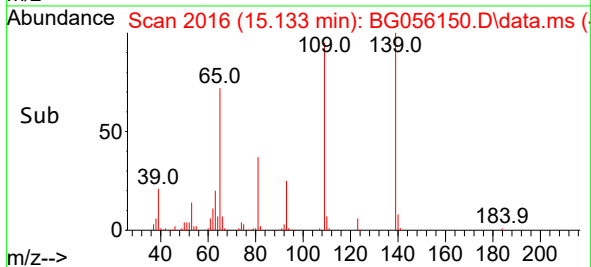
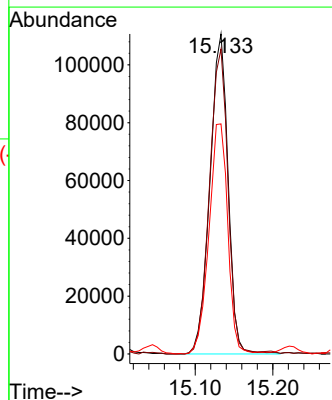
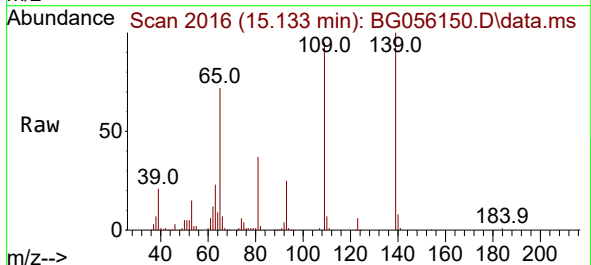
Instrument :
BNA_G
ClientSampleId :
PB149954BS

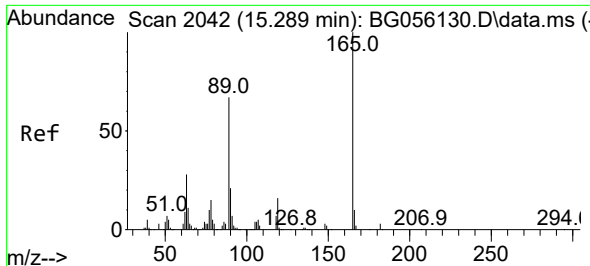
Tgt Ion:168 Resp: 603122
Ion Ratio Lower Upper
168 100
139 32.7 24.7 37.1
169 13.1 10.3 15.5



#56
4-Nitrophenol
Concen: 105.179 ng
RT: 15.133 min Scan# 2016
Delta R.T. 0.009 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:139 Resp: 180143
Ion Ratio Lower Upper
139 100
109 95.3 82.2 122.2
65 71.9 60.6 100.6





#57

2,4-Dinitrotoluene

Concen: 49.119 ng

RT: 15.292 min Scan# 2043

Delta R.T. 0.003 min

Lab File: BG056150.D

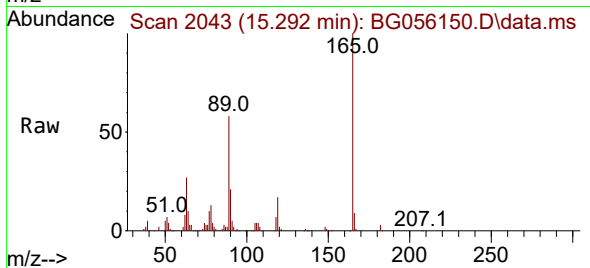
Acq: 29 Dec 2022 11:58

Instrument :

BNA_G

ClientSampleId :

PB149954BS



Tgt Ion:165 Resp: 160741

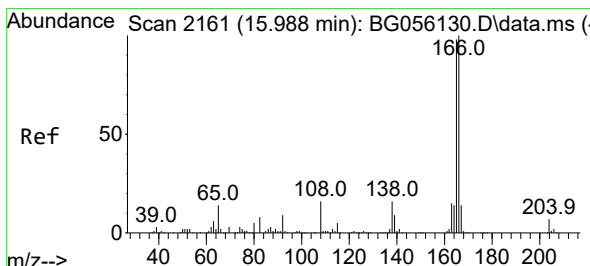
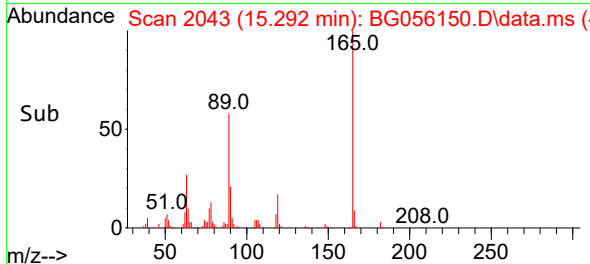
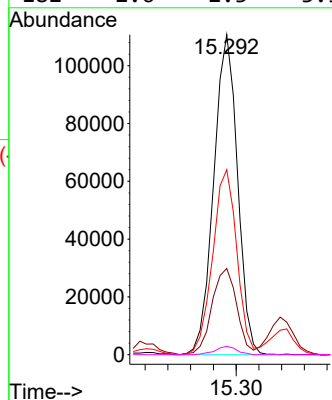
Ion Ratio Lower Upper

165 100

63 27.0 22.6 34.0

89 57.8 53.2 79.8

182 2.6 2.3 3.5



#58

Fluorene

Concen: 45.490 ng

RT: 15.985 min Scan# 2161

Delta R.T. -0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

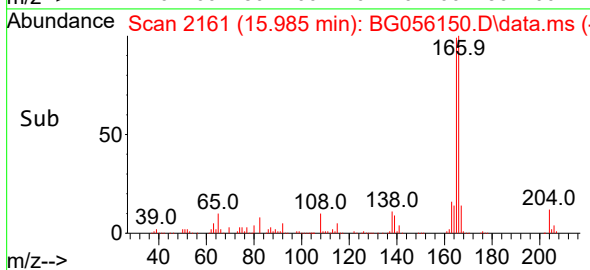
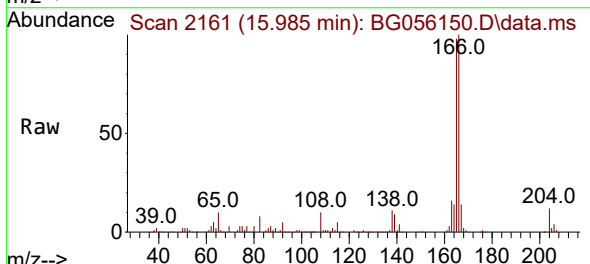
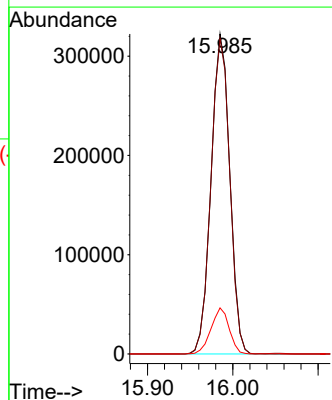
Tgt Ion:166 Resp: 492776

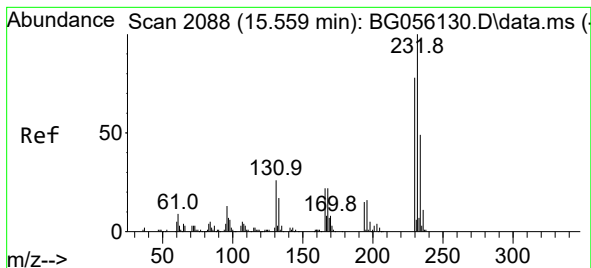
Ion Ratio Lower Upper

166 100

165 98.5 78.6 118.0

167 14.4 11.1 16.7

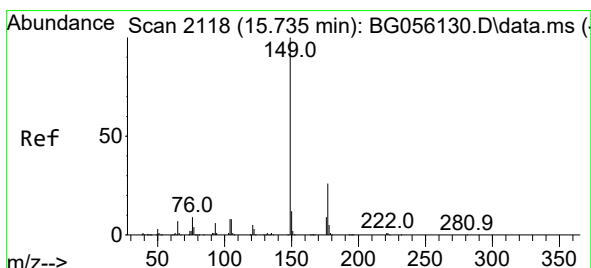
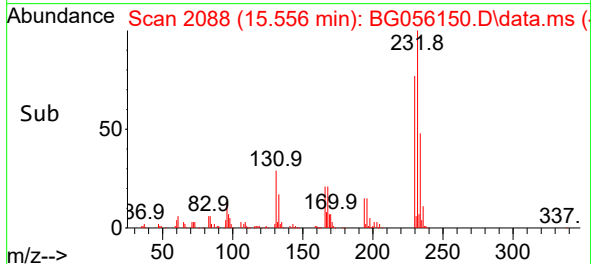
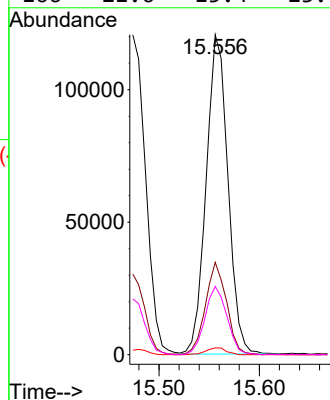
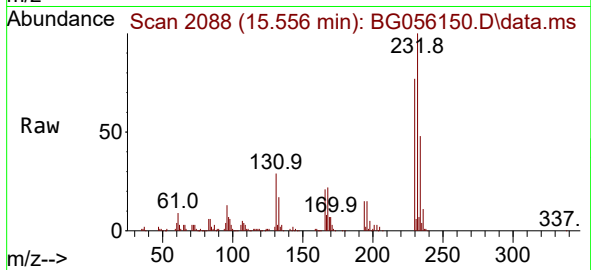




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.594 ng
RT: 15.556 min Scan# 2088
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

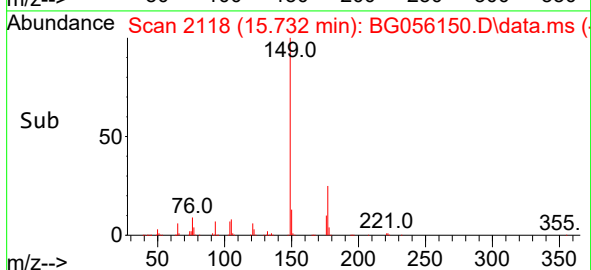
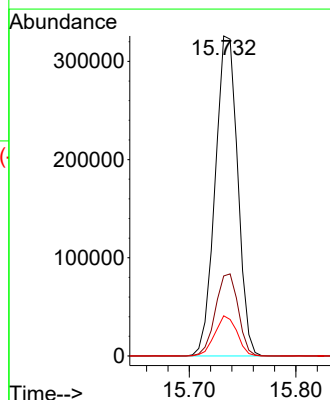
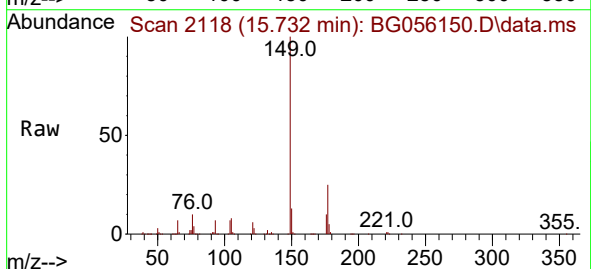
Instrument :
BNA_G
ClientSampleId :
PB149954BS

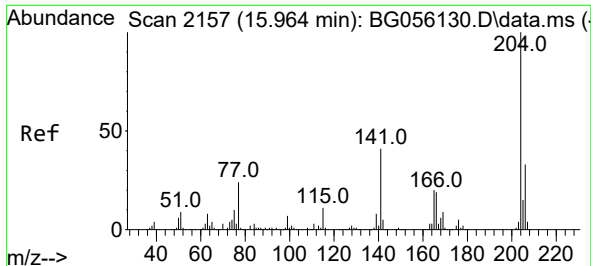
Tgt Ion:232 Resp: 181965
Ion Ratio Lower Upper
232 100
131 28.0 21.4 32.2
130 2.0 1.4 2.0
166 21.6 15.4 23.0



#60
Diethylphthalate
Concen: 46.263 ng
RT: 15.732 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:149 Resp: 476440
Ion Ratio Lower Upper
149 100
177 25.0 20.6 31.0
150 12.6 9.9 14.9

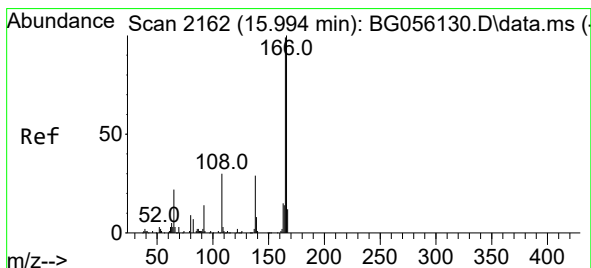
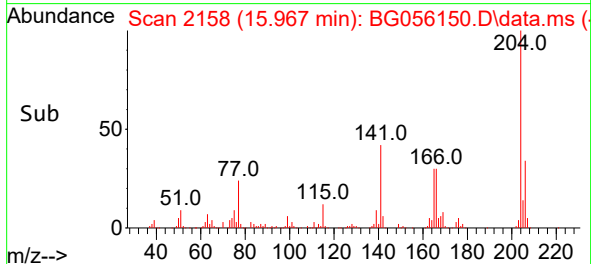
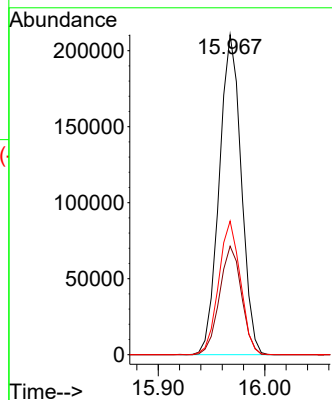
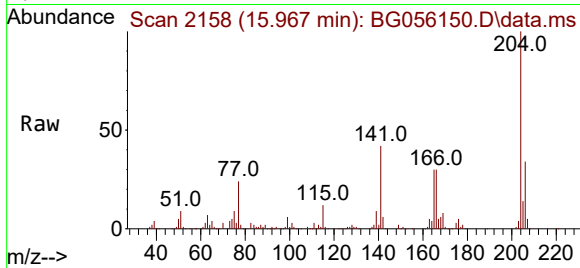




#61
4-Chlorophenyl-phenylether
Concen: 44.582 ng
RT: 15.967 min Scan# 2157
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

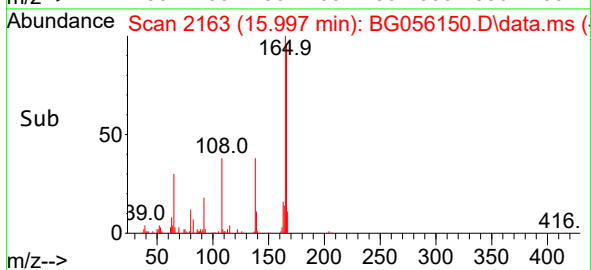
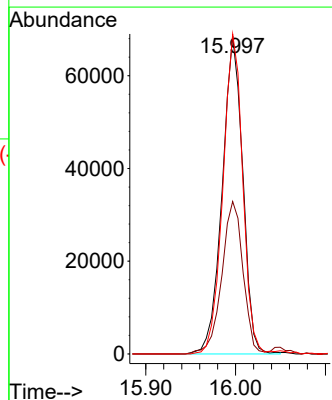
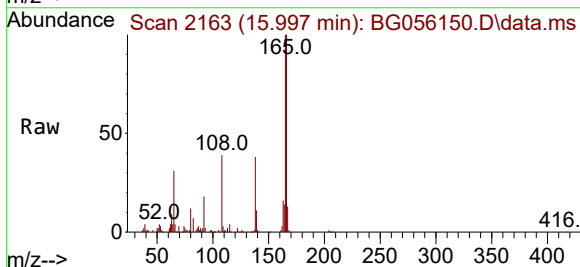
Instrument :
BNA_G
ClientSampleId :
PB149954BS

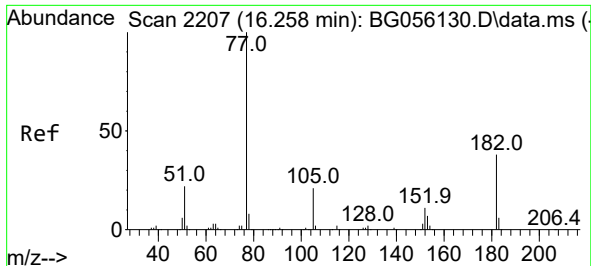
Tgt Ion:204 Resp: 301390
Ion Ratio Lower Upper
204 100
206 33.9 26.4 39.6
141 41.8 33.0 49.4



#62
4-Nitroaniline
Concen: 47.675 ng
RT: 15.997 min Scan# 2163
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:138 Resp: 108754
Ion Ratio Lower Upper
138 100
92 47.9 28.6 68.6
108 100.6 83.4 123.4

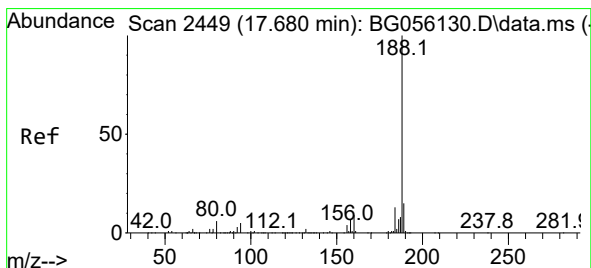
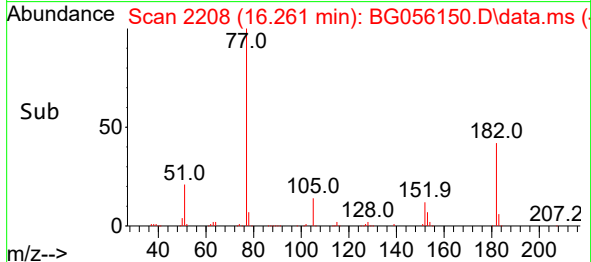
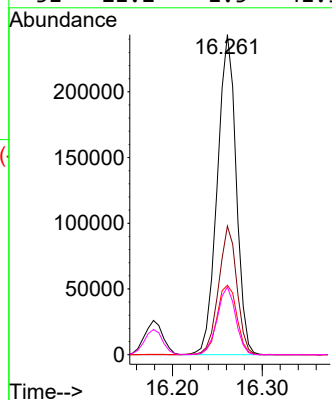
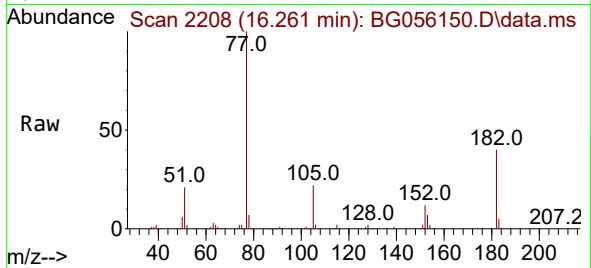




#63
Azobenzene
Concen: 44.684 ng
RT: 16.261 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

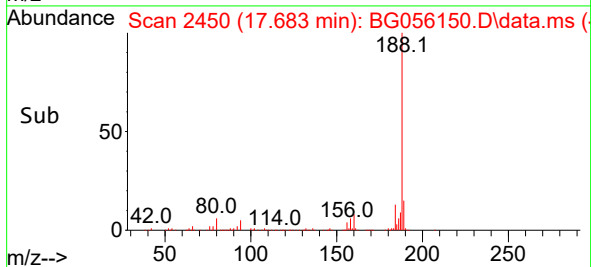
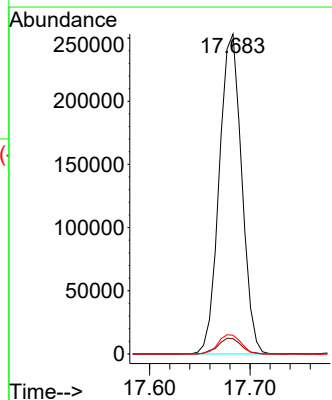
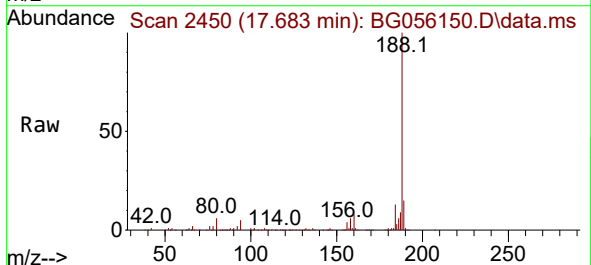
Instrument :
BNA_G
ClientSampleId :
PB149954BS

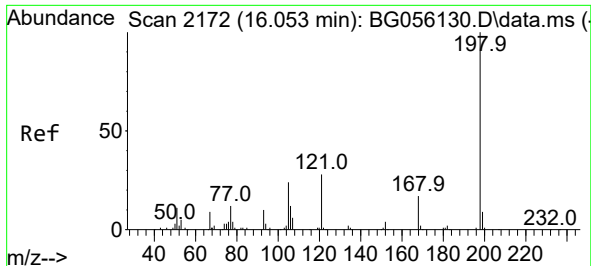
Tgt Ion: 77 Resp: 355115
Ion Ratio Lower Upper
77 100
182 40.2 18.5 58.5
105 21.7 1.4 41.4
51 21.2 1.5 41.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.683 min Scan# 2450
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion: 188 Resp: 393098
Ion Ratio Lower Upper
188 100
94 4.8 4.2 6.2
80 5.8 5.0 7.4

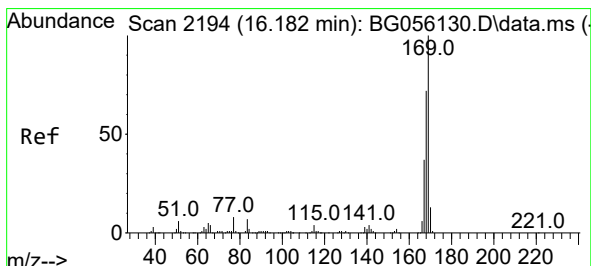
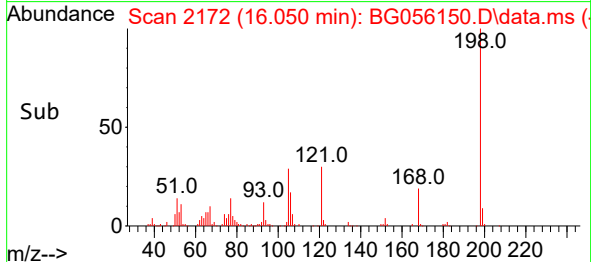
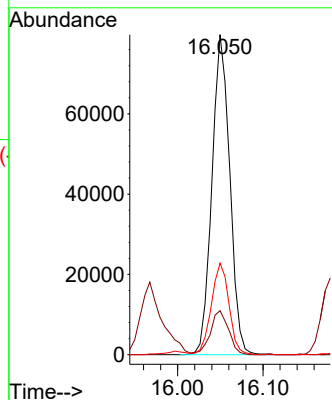
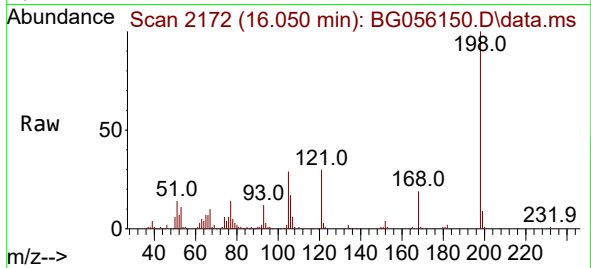




#65
4,6-Dinitro-2-methylphenol
Concen: 43.710 ng
RT: 16.050 min Scan# 2172
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

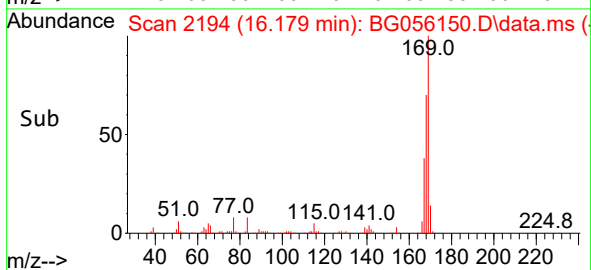
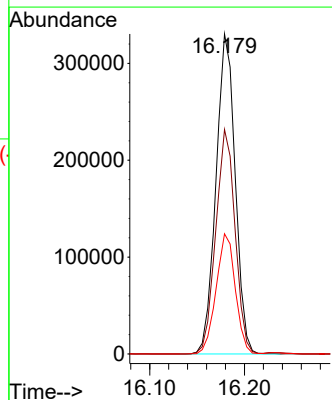
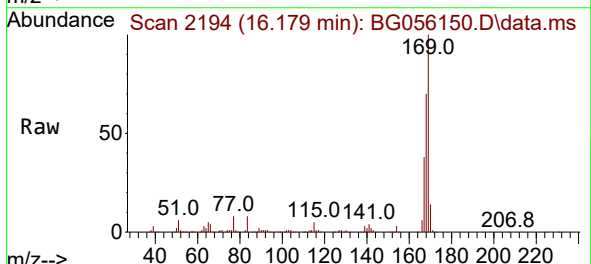
Instrument :
BNA_G
ClientSampleId :
PB149954BS

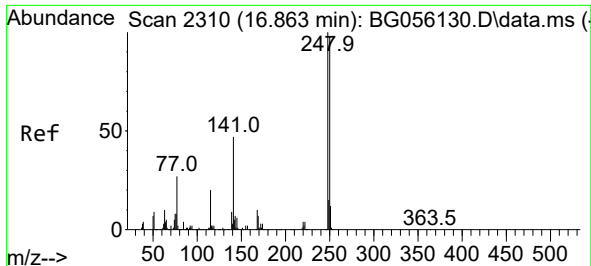
Tgt Ion:198 Resp: 115765
Ion Ratio Lower Upper
198 100
51 13.7 0.0 33.2
105 28.6 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 42.708 ng
RT: 16.179 min Scan# 2194
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:169 Resp: 465800
Ion Ratio Lower Upper
169 100
168 70.1 58.0 87.0
167 37.5 30.0 45.0

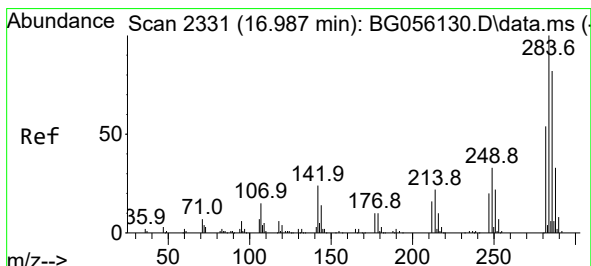
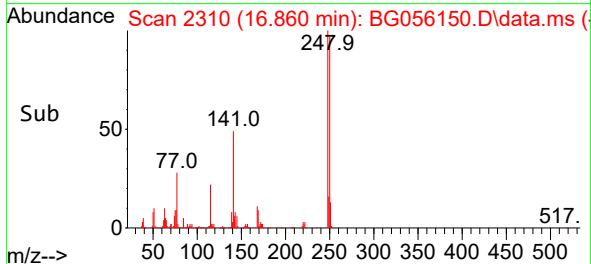
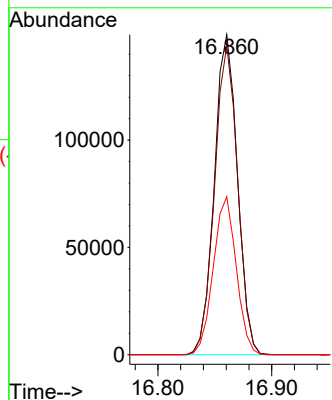
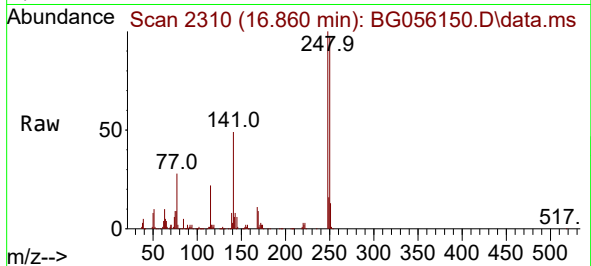




#67
4-Bromophenyl-phenylether
Concen: 42.078 ng
RT: 16.860 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

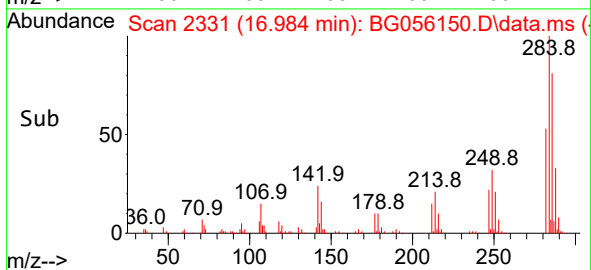
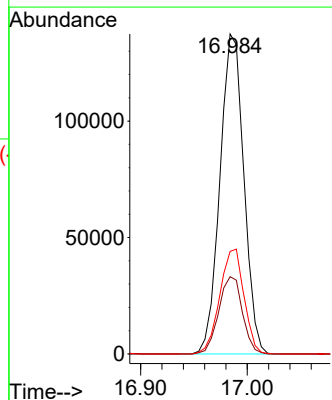
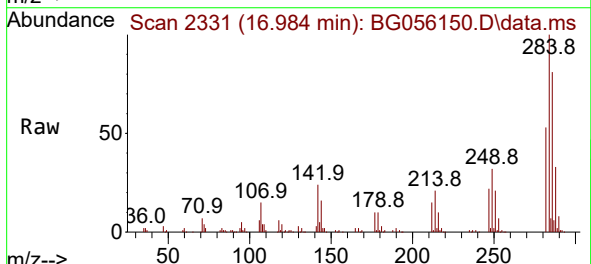
Instrument :
BNA_G
ClientSampleId :
PB149954BS

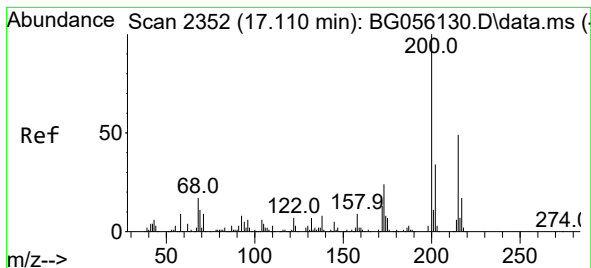
Tgt Ion:248 Resp: 210631
Ion Ratio Lower Upper
248 100
250 96.6 78.2 117.4
141 49.3 37.6 56.4



#68
Hexachlorobenzene
Concen: 45.764 ng
RT: 16.984 min Scan# 2331
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:284 Resp: 213730
Ion Ratio Lower Upper
284 100
142 24.2 19.0 28.6
249 32.1 26.6 39.8





#69

Atrazine

Concen: 47.221 ng

RT: 17.113 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

Instrument :

BNA_G

ClientSampleId :

PB149954BS

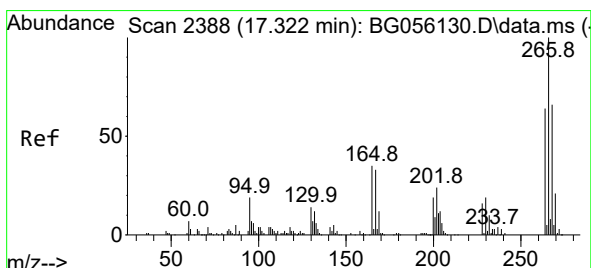
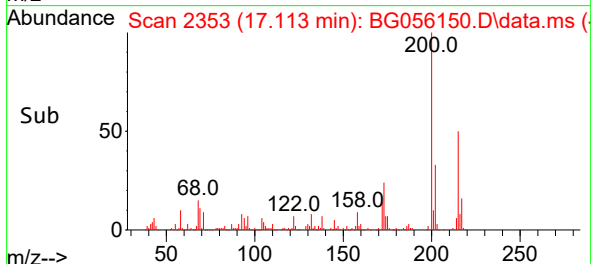
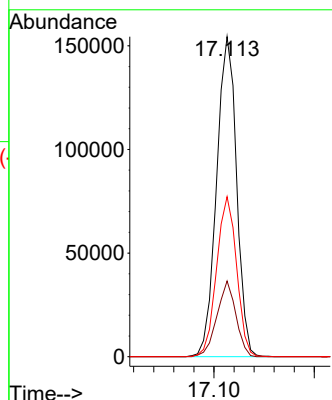
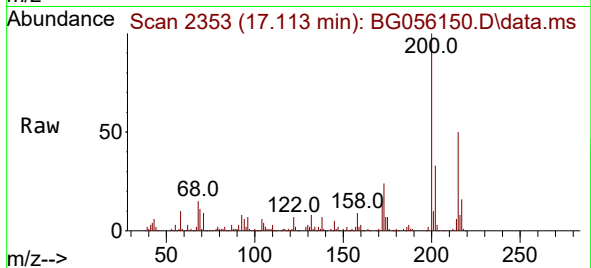
Tgt Ion:200 Resp: 213448

Ion Ratio Lower Upper

200 100

173 23.6 4.0 44.0

215 50.0 29.1 69.1



#70

Pentachlorophenol

Concen: 84.410 ng

RT: 17.325 min Scan# 2389

Delta R.T. 0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

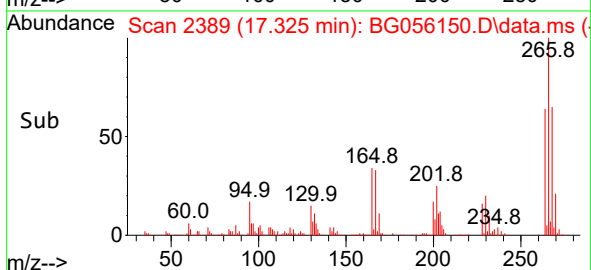
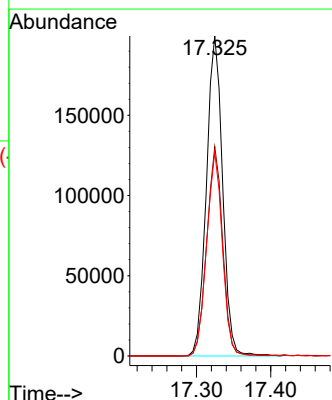
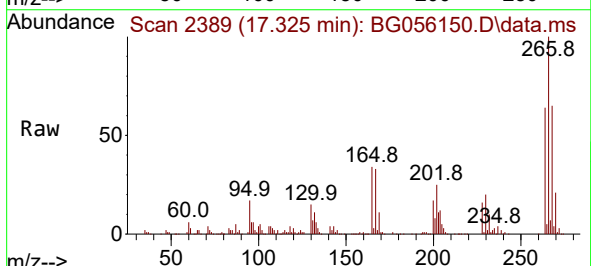
Tgt Ion:266 Resp: 302821

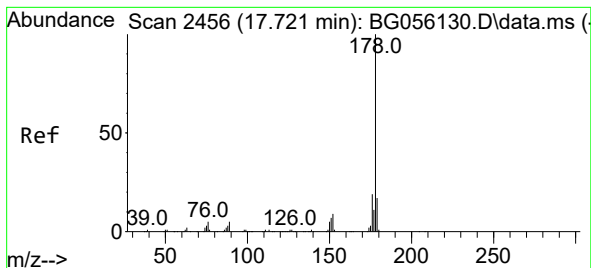
Ion Ratio Lower Upper

266 100

268 65.4 53.0 79.4

264 63.6 51.4 77.2





#71

Phenanthrene

Concen: 44.466 ng

RT: 17.724 min Scan# 2456

Delta R.T. 0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

Instrument :

BNA_G

ClientSampleId :

PB149954BS

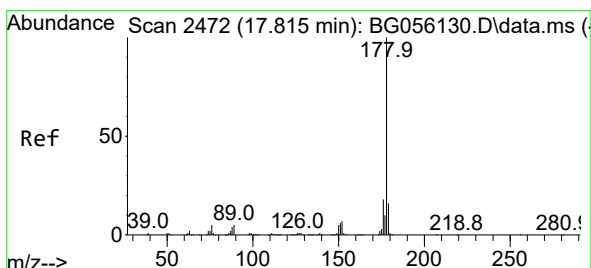
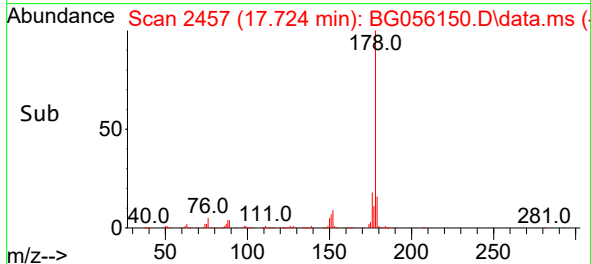
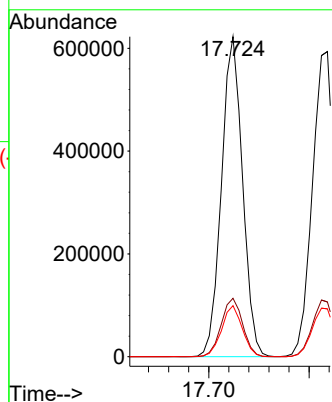
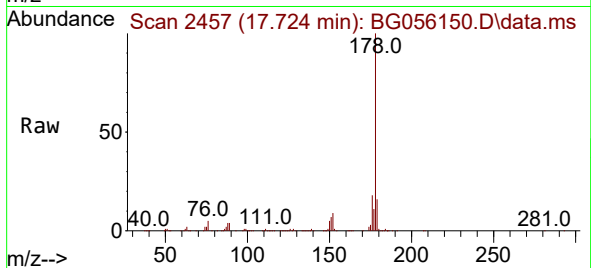
Tgt Ion:178 Resp: 905852

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

179 15.9 13.6 20.4



#72

Anthracene

Concen: 43.991 ng

RT: 17.818 min Scan# 2473

Delta R.T. 0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

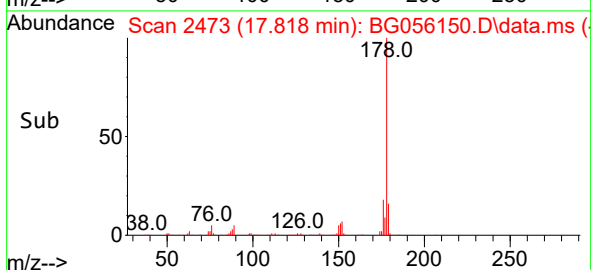
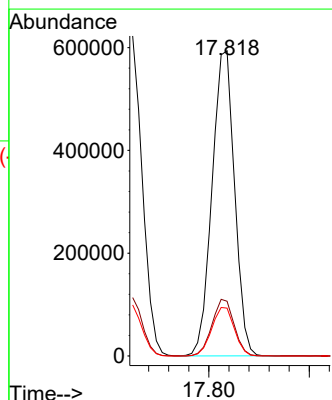
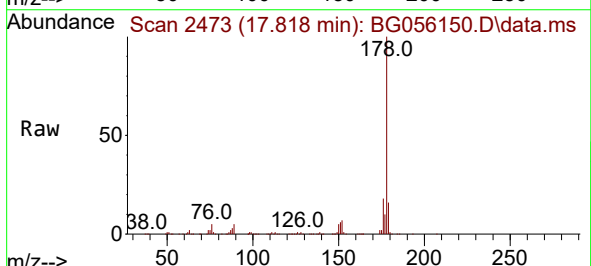
Tgt Ion:178 Resp: 924467

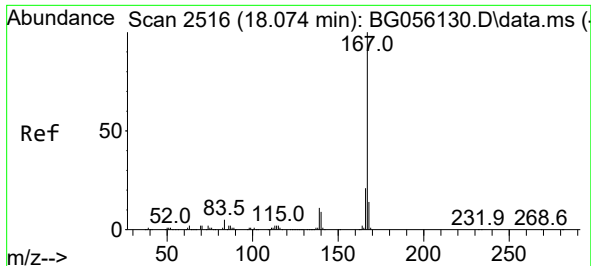
Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

179 15.7 12.7 19.1

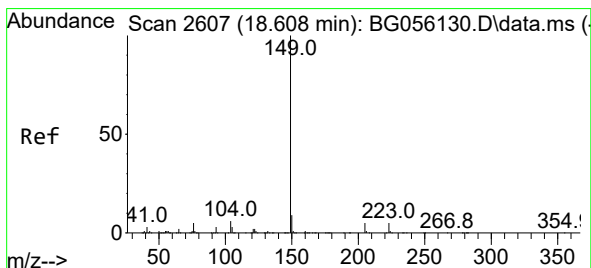
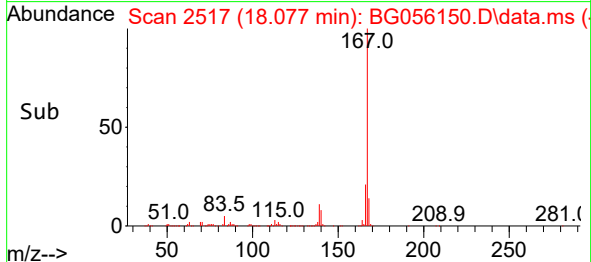
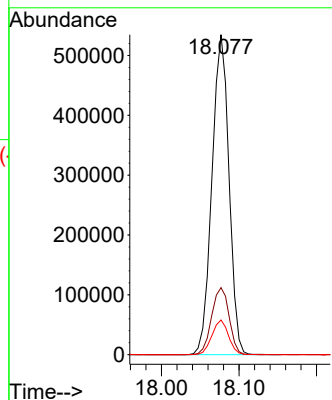
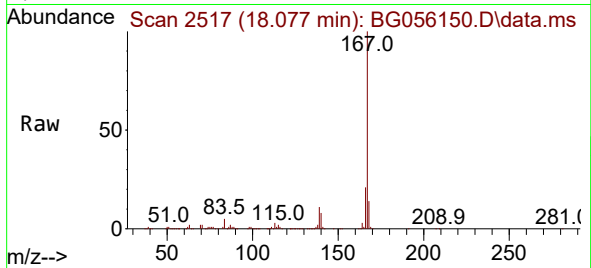




#73
Carbazole
Concen: 46.140 ng
RT: 18.077 min Scan# 2516
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

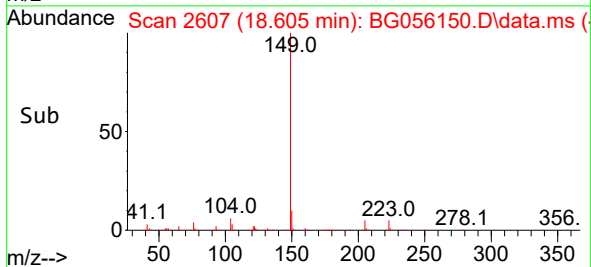
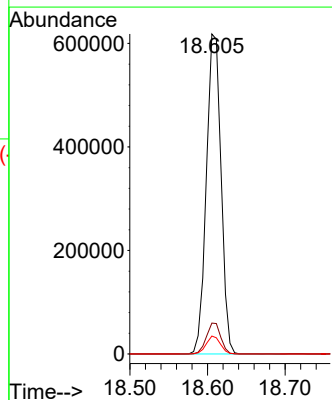
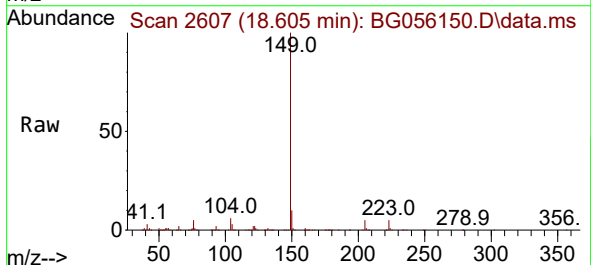
Instrument :
BNA_G
ClientSampleId :
PB149954BS

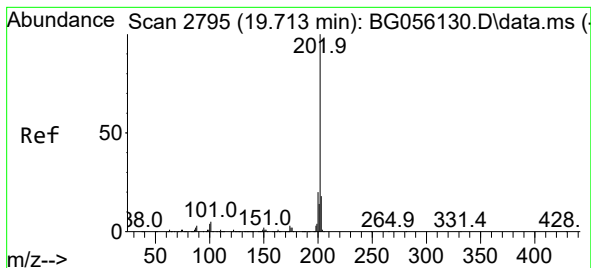
Tgt Ion:167 Resp: 815026
Ion Ratio Lower Upper
167 100
166 21.0 16.8 25.2
139 10.8 8.9 13.3



#74
Di-n-butylphthalate
Concen: 46.143 ng
RT: 18.605 min Scan# 2607
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:149 Resp: 812517
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.2
104 5.6 4.4 6.6





#75

Fluoranthene

Concen: 44.960 ng

RT: 19.710 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

Instrument :

BNA_G

ClientSampleId :

PB149954BS

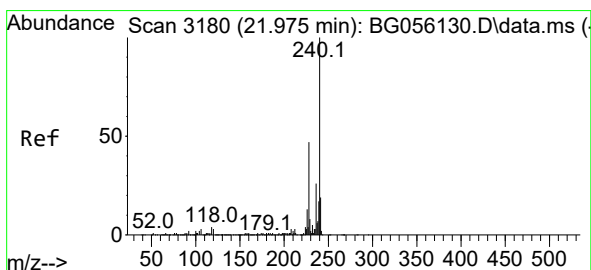
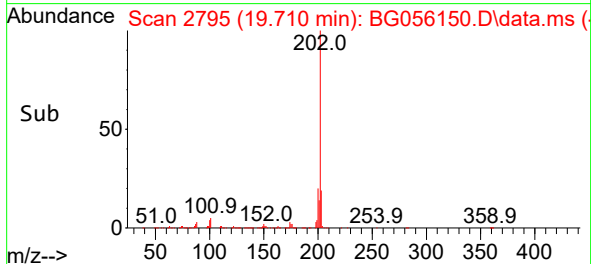
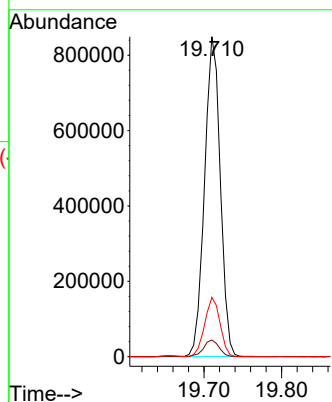
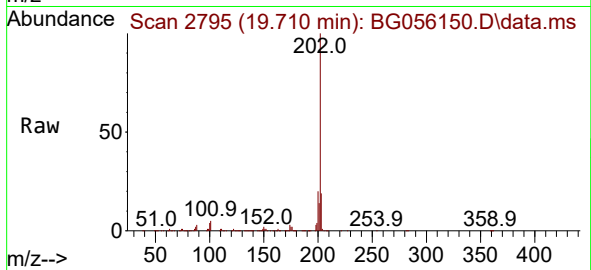
Tgt Ion:202 Resp: 1194720

Ion Ratio Lower Upper

202 100

101 5.2 0.0 25.0

203 18.5 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.978 min Scan# 3181

Delta R.T. 0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

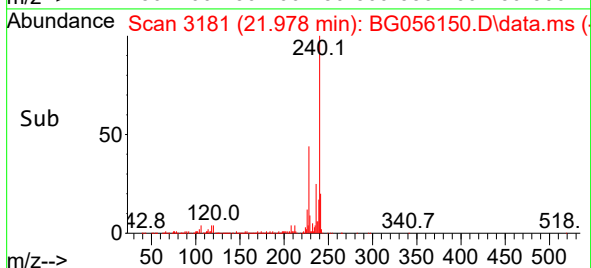
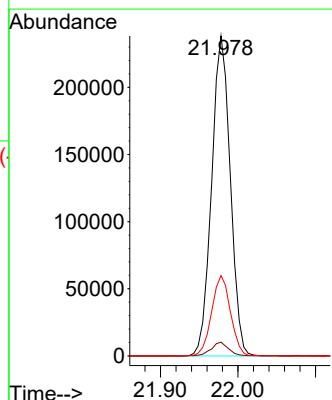
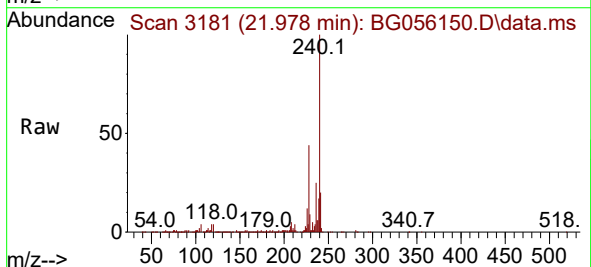
Tgt Ion:240 Resp: 398253

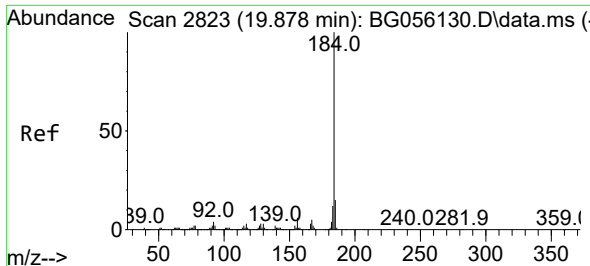
Ion Ratio Lower Upper

240 100

120 4.3 2.6 4.0#

236 25.1 20.8 31.2

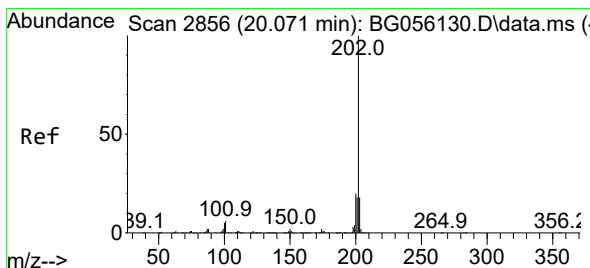
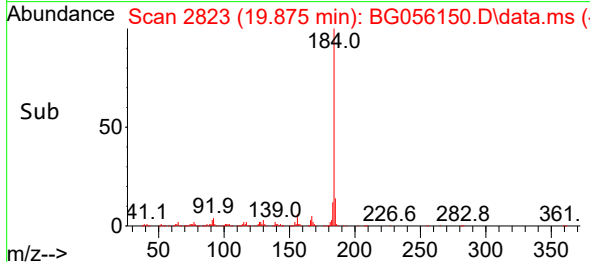
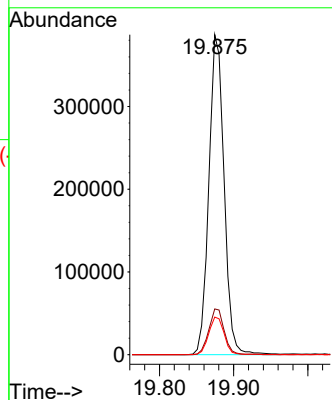
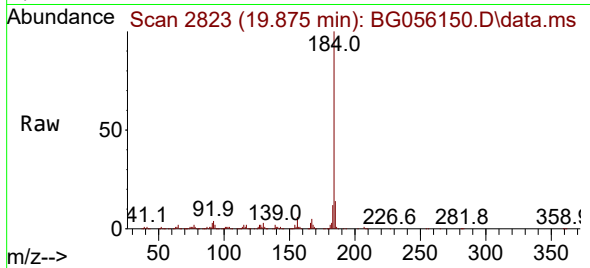




#77
Benzidine
Concen: 39.460 ng
RT: 19.875 min Scan# 2823
Delta R.T. -0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

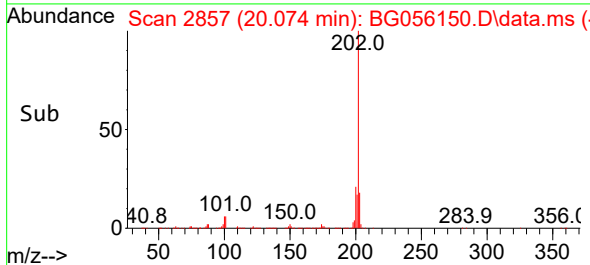
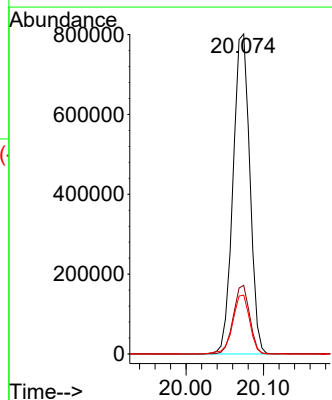
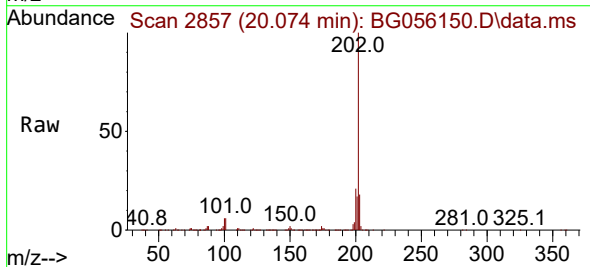
Instrument :
BNA_G
ClientSampleId :
PB149954BS

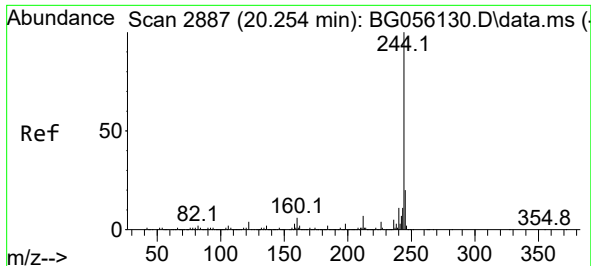
Tgt Ion:184 Resp: 550720
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 11.8 9.4 14.0



#78
Pyrene
Concen: 43.005 ng
RT: 20.074 min Scan# 2857
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:202 Resp: 1207182
Ion Ratio Lower Upper
202 100
200 21.4 16.4 24.6
203 18.4 14.3 21.5

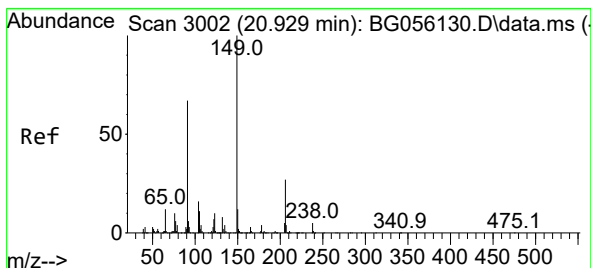
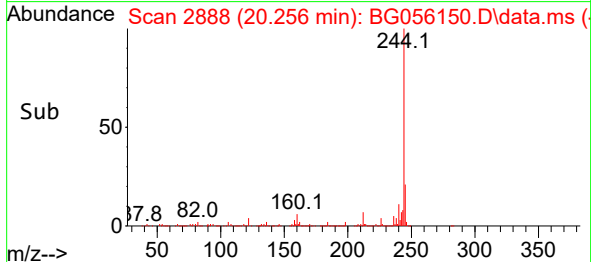
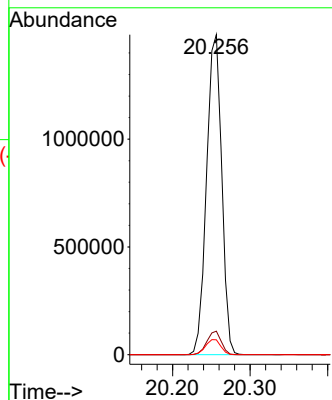
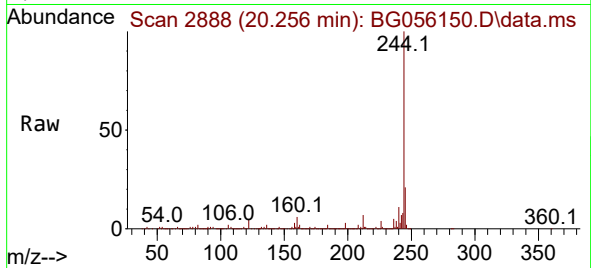




#79
 Terphenyl-d14
 Concen: 90.334 ng
 RT: 20.256 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056150.D
 Acq: 29 Dec 2022 11:58

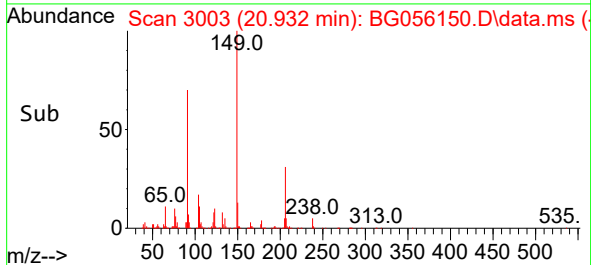
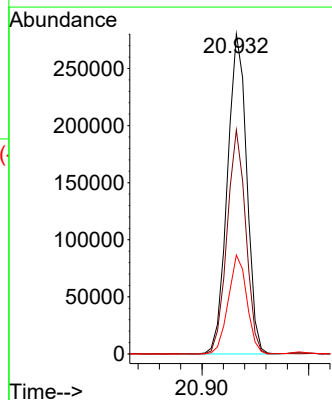
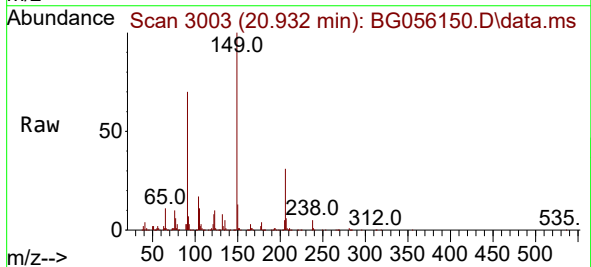
Instrument :
 BNA_G
 ClientSampleId :
 PB149954BS

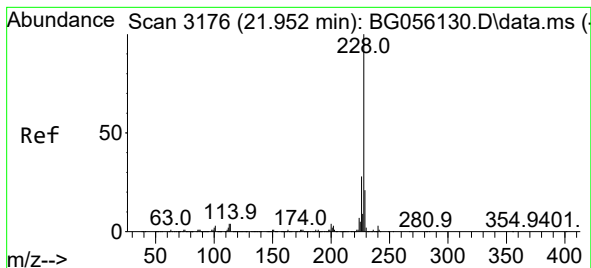
Tgt Ion:244 Resp: 2008648
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 4.7 3.5 5.3



#80
 Butylbenzylphthalate
 Concen: 43.860 ng
 RT: 20.932 min Scan# 3003
 Delta R.T. 0.003 min
 Lab File: BG056150.D
 Acq: 29 Dec 2022 11:58

Tgt Ion:149 Resp: 353215
 Ion Ratio Lower Upper
 149 100
 91 70.0 53.5 80.3
 206 30.9 21.9 32.9





#81

Benzo(a)anthracene

Concen: 44.350 ng

RT: 21.954 min Scan# 3176

Delta R.T. 0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

Instrument :

BNA_G

ClientSampleId :

PB149954BS

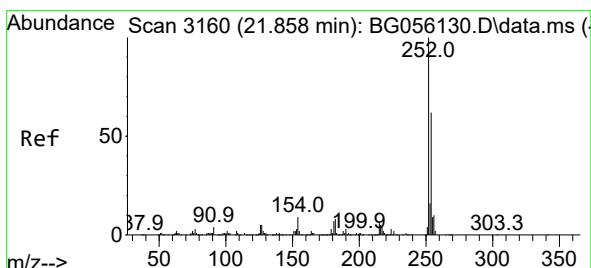
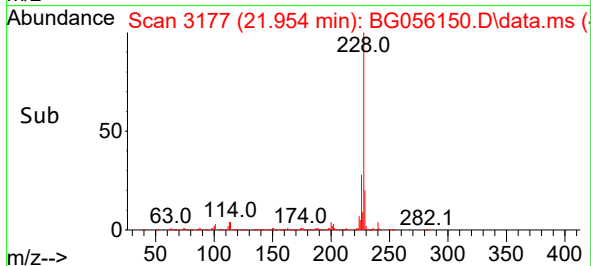
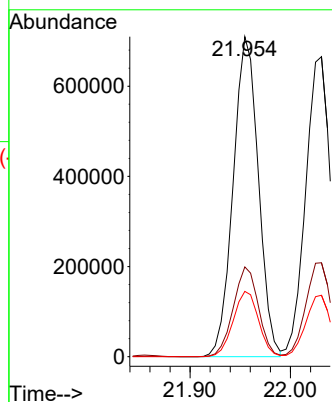
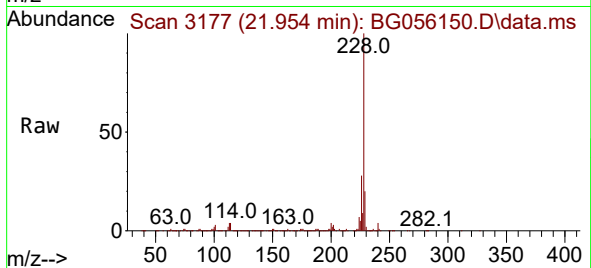
Tgt Ion:228 Resp: 1240572

Ion Ratio Lower Upper

228 100

226 28.1 22.6 34.0

229 20.4 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 31.610 ng

RT: 21.855 min Scan# 3160

Delta R.T. -0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

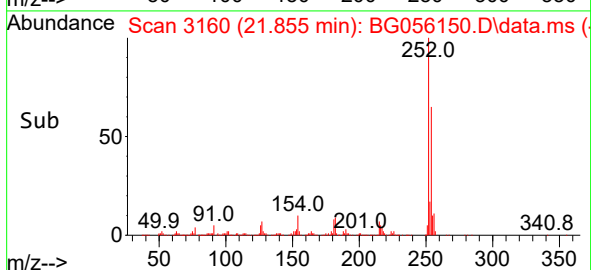
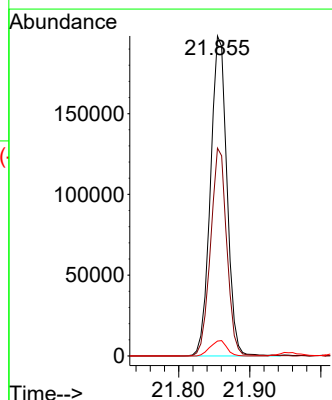
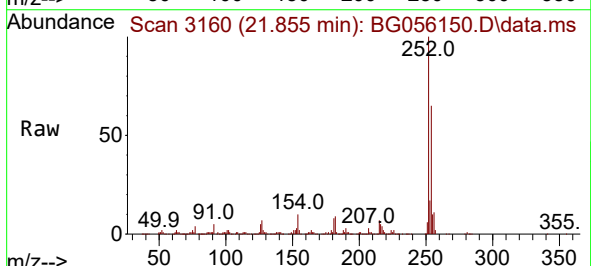
Tgt Ion:252 Resp: 318294

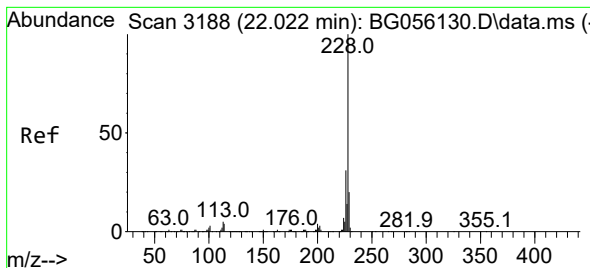
Ion Ratio Lower Upper

252 100

254 64.9 49.5 74.3

126 4.7 4.0 6.0





#83

Chrysene

Concen: 43.914 ng

RT: 22.031 min Scan# 31

Delta R.T. 0.009 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

Instrument :

BNA_G

ClientSampleId :

PB149954BS

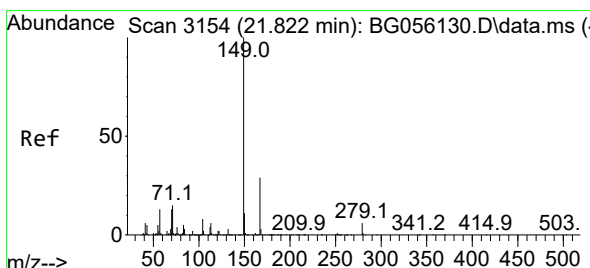
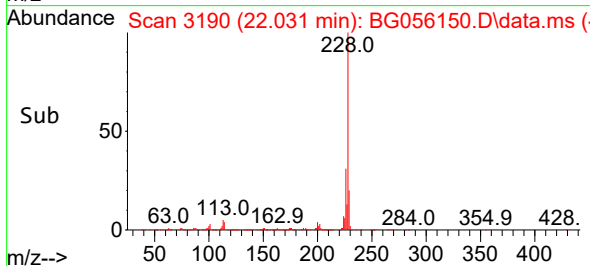
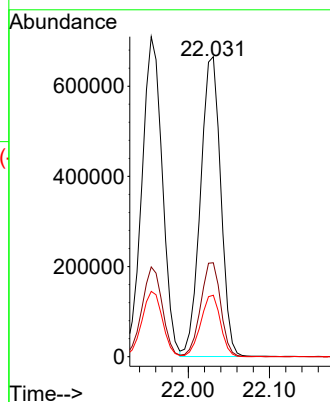
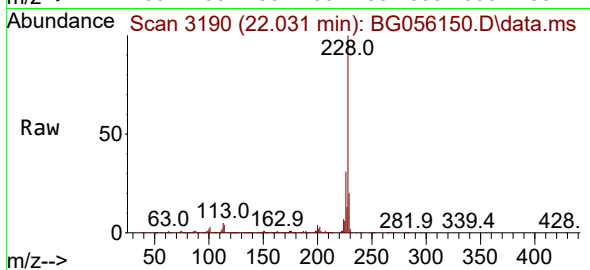
Tgt Ion:228 Resp: 1150607

Ion Ratio Lower Upper

228 100

226 31.3 24.6 36.8

229 20.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.945 ng

RT: 21.825 min Scan# 3155

Delta R.T. 0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

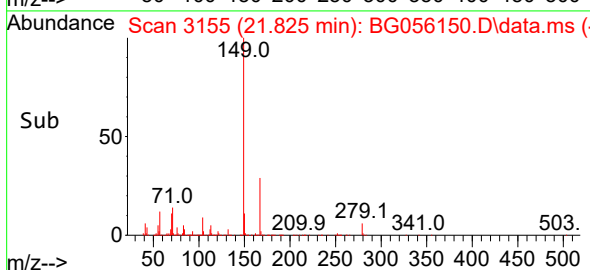
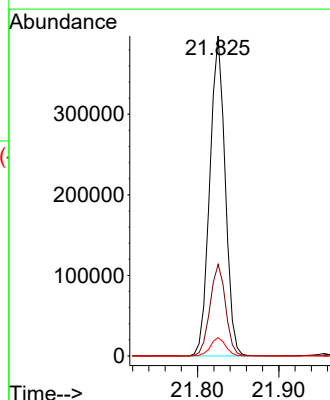
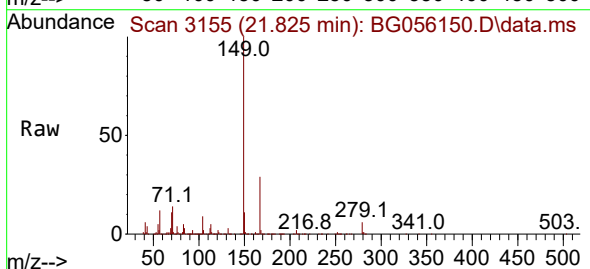
Tgt Ion:149 Resp: 521467

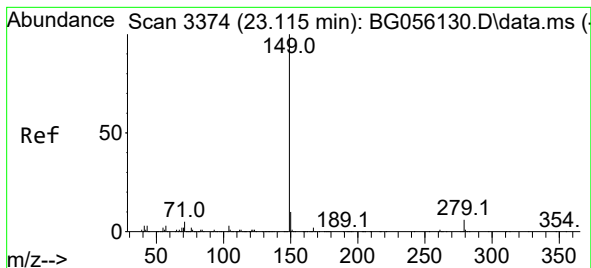
Ion Ratio Lower Upper

149 100

167 28.7 23.4 35.2

279 5.7 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 45.487 ng

RT: 23.118 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

Instrument :

BNA_G

ClientSampleId :

PB149954BS

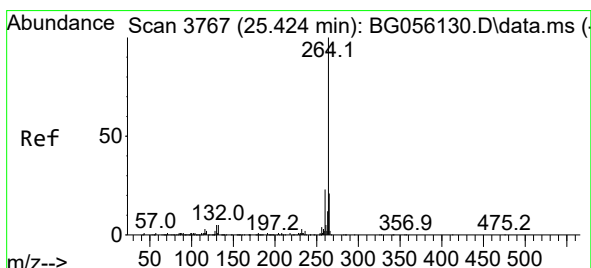
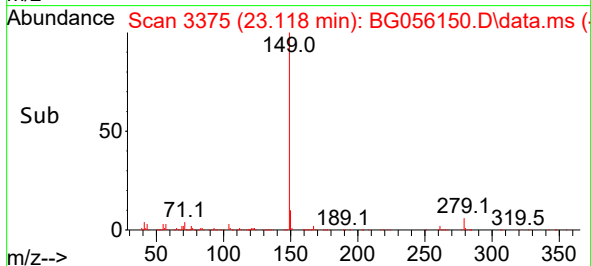
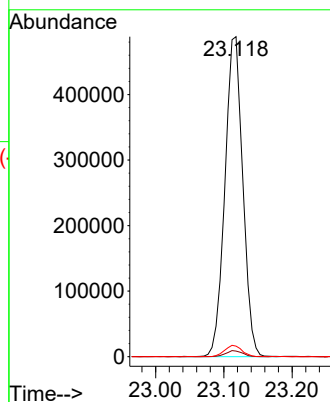
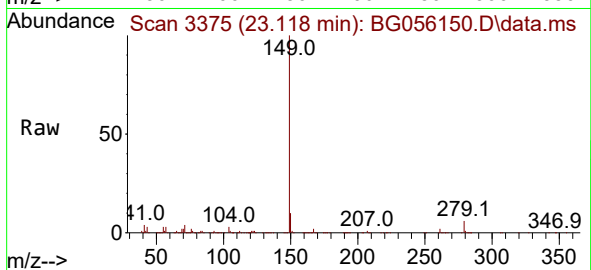
Tgt Ion:149 Resp: 890935

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

43 3.5 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.433 min Scan# 3769

Delta R.T. 0.009 min

Lab File: BG056150.D

Acq: 29 Dec 2022 11:58

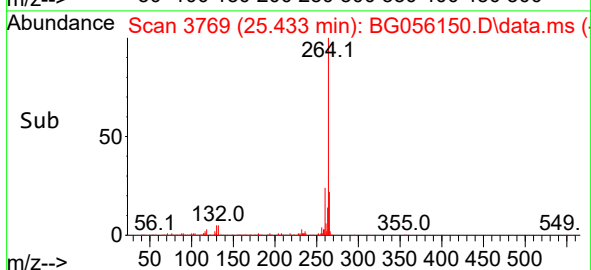
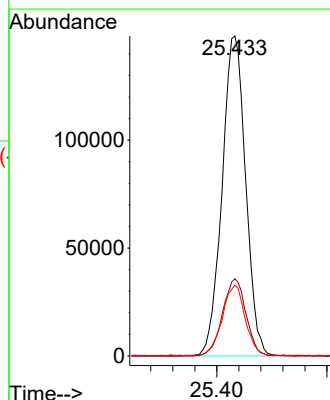
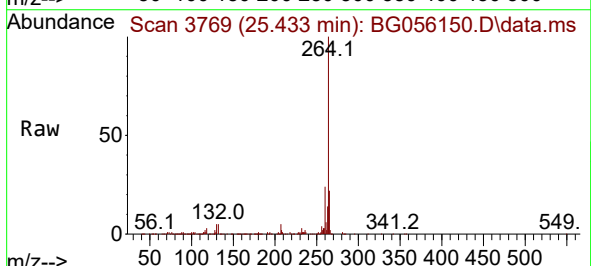
Tgt Ion:264 Resp: 440379

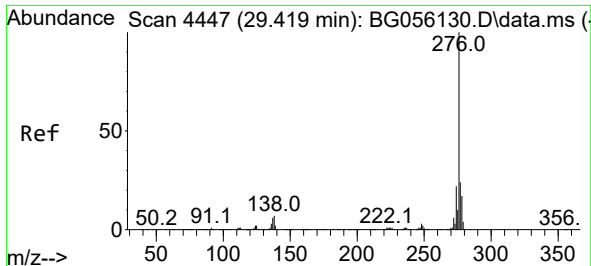
Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 22.1 16.7 25.1

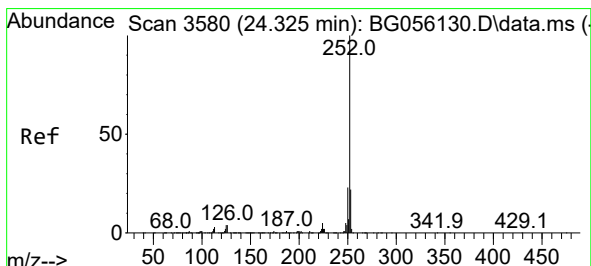
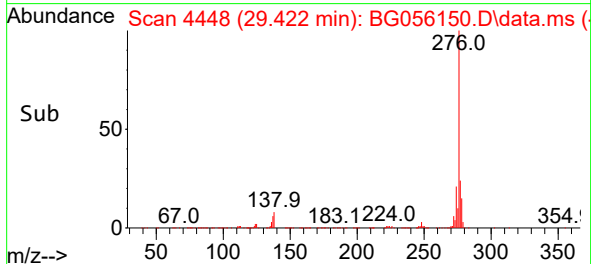
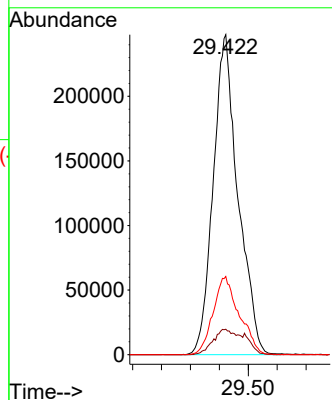
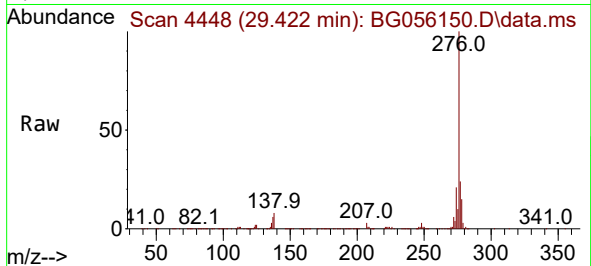




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.017 ng
 RT: 29.422 min Scan# 4448
 Delta R.T. 0.003 min
 Lab File: BG056150.D
 Acq: 29 Dec 2022 11:58

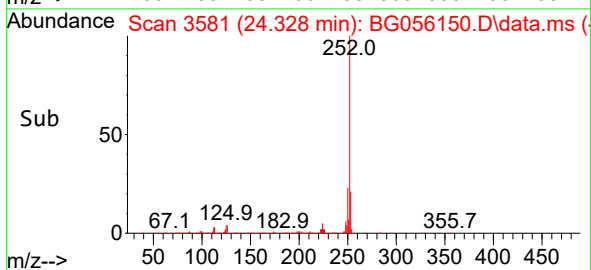
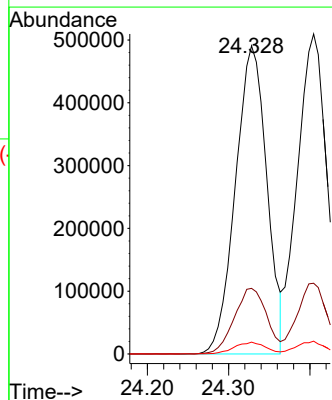
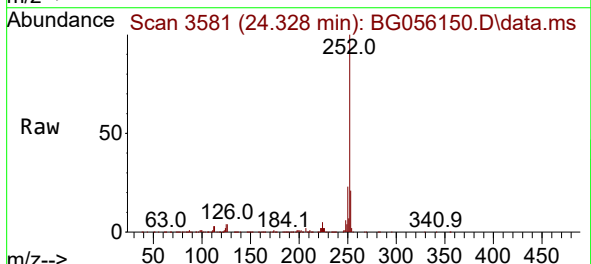
Instrument :
 BNA_G
 ClientSampleId :
 PB149954BS

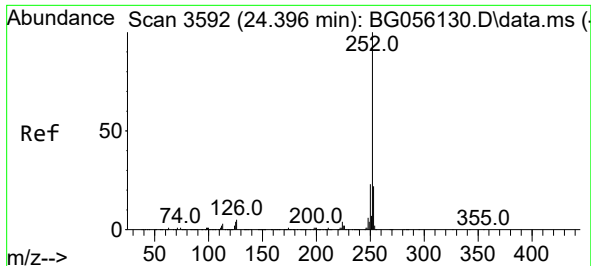
Tgt Ion:276 Resp: 1473794
 Ion Ratio Lower Upper
 276 100
 138 8.1 5.0 7.4#
 277 25.7 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 47.085 ng
 RT: 24.328 min Scan# 3581
 Delta R.T. 0.003 min
 Lab File: BG056150.D
 Acq: 29 Dec 2022 11:58

Tgt Ion:252 Resp: 1317449
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.4 26.2
 125 3.9 3.0 4.4

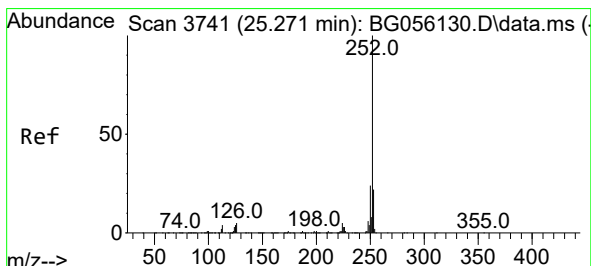
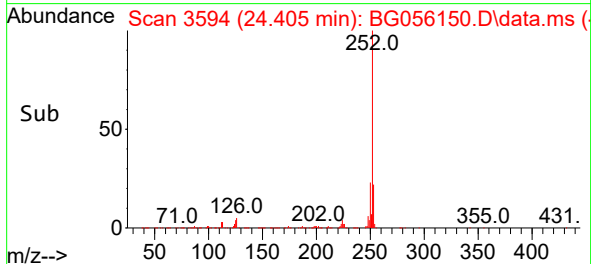
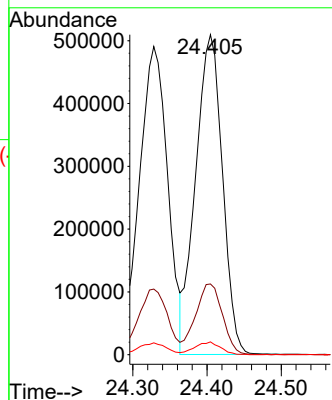
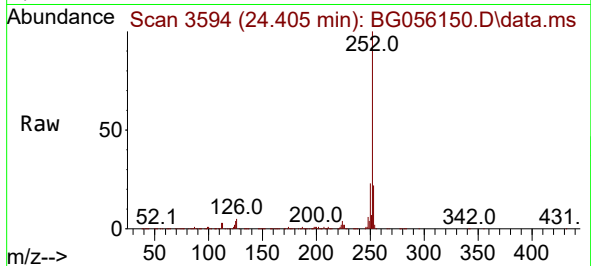




#89
Benzo(k)fluoranthene
Concen: 45.959 ng
RT: 24.405 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

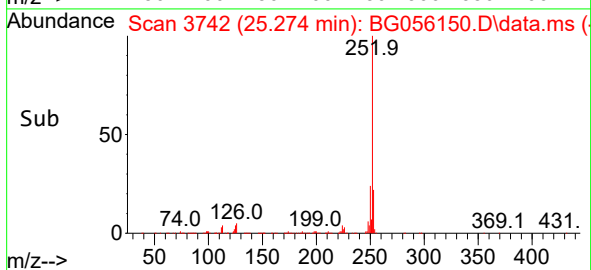
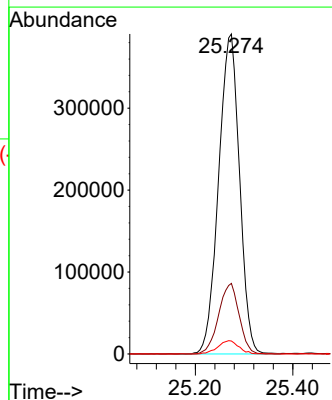
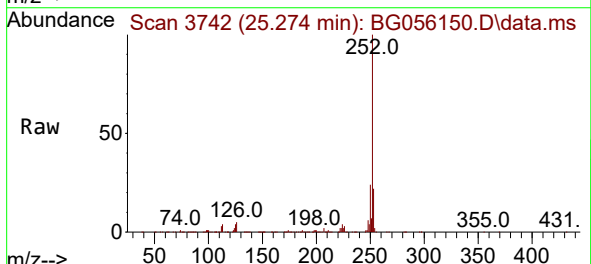
Instrument :
BNA_G
ClientSampleId :
PB149954BS

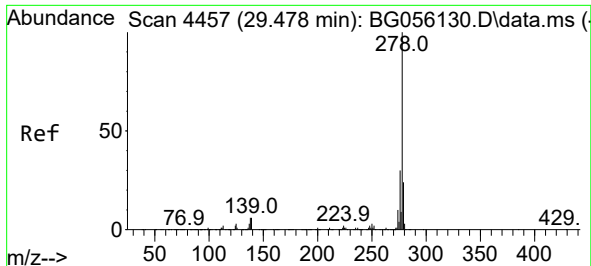
Tgt Ion:252 Resp: 1280540
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 4.0 3.4 5.0



#90
Benzo(a)pyrene
Concen: 42.637 ng
RT: 25.274 min Scan# 3742
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:252 Resp: 1163570
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 4.0 3.2 4.8

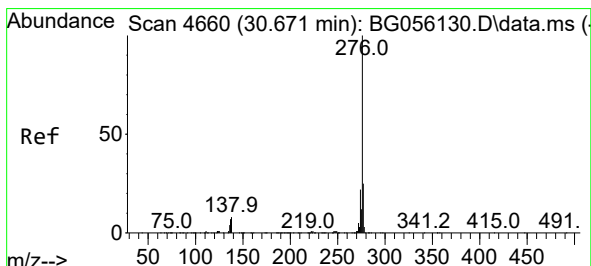
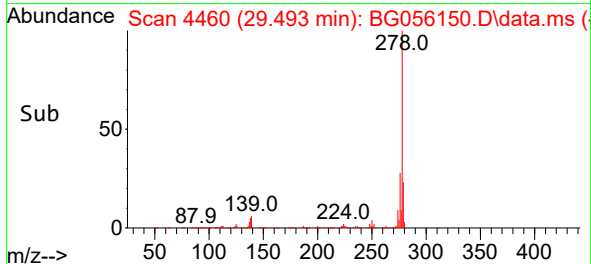
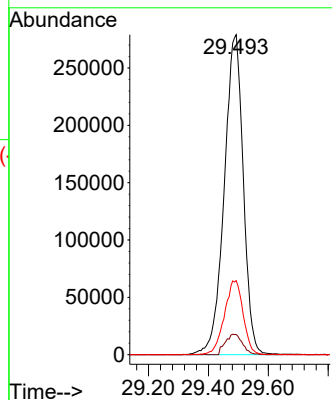
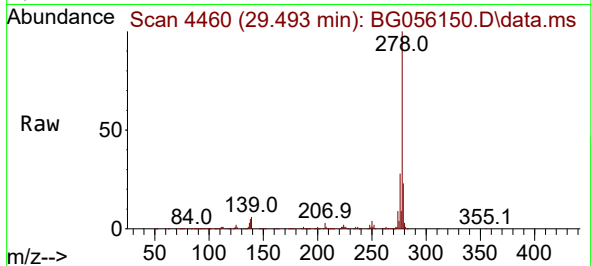




#91
Dibenzo(a,h)anthracene
Concen: 45.919 ng
RT: 29.493 min Scan# 4457
Delta R.T. 0.015 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Instrument :
BNA_G
ClientSampleId :
PB149954BS

Tgt Ion:278 Resp: 1232986
Ion Ratio Lower Upper
278 100
139 6.3 4.8 7.2
279 23.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 45.590 ng
RT: 30.674 min Scan# 4661
Delta R.T. 0.003 min
Lab File: BG056150.D
Acq: 29 Dec 2022 11:58

Tgt Ion:276 Resp: 1187109
Ion Ratio Lower Upper
276 100
277 24.2 19.7 29.5
138 8.8 6.7 10.1

