

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056159.D
 Acq On : 29 Dec 2022 18:15
 Operator : CG/JU
 Sample : N6228-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Quant Time: Dec 30 04:07:14 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	8.340	152	47262	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	168253	20.000	ng	# 0.00
39) Acenaphthene-d10	14.944	164	135836	20.000	ng	0.00
64) Phenanthrene-d10	17.682	188	354579	20.000	ng	0.00
76) Chrysene-d12	21.977	240	360232	20.000	ng	# 0.00
86) Perylene-d12	25.438	264	394080	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.861	112	372152	140.594	ng	0.00
7) Phenol-d6	7.471	99	474588	116.749	ng	0.00
23) Nitrobenzene-d5	9.510	82	292801	89.016	ng	0.00
42) 2,4,6-Tribromophenol	16.425	330	241425	140.336	ng	0.00
45) 2-Fluorobiphenyl	13.575	172	883641	89.830	ng	0.00
79) Terphenyl-d14	20.256	244	1927330	95.826	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.687	88	49746	41.145	ng	# 81
3) Pyridine	4.110	79	120260	32.658	ng	96
4) n-Nitrosodimethylamine	4.010	42	31933	42.630	ng	100
6) Aniline	7.653	93	85268	15.995	ng	94
8) 2-Chlorophenol	7.894	128	123380	46.841	ng	96
9) Benzaldehyde	7.459	77	79662	32.958	ng	93
10) Phenol	7.500	94	159750	38.751	ng	95
11) bis(2-Chloroethyl)ether	7.741	93	114530	40.996	ng	95
12) 1,3-Dichlorobenzene	8.229	146	146483	45.693	ng	96
13) 1,4-Dichlorobenzene	8.370	146	145854	45.308	ng	97
14) 1,2-Dichlorobenzene	8.699	146	142328	45.821	ng	100
15) Benzyl Alcohol	8.569	79	125216	42.324	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.851	45	20062	40.637	ng	89
17) 2-Methylphenol	8.763	107	124863	41.277	ng	97
18) Hexachloroethane	9.433	117	44670	45.677	ng	99
19) n-Nitroso-di-n-propyla...	9.139	70	90054	36.431	ng	99
20) 3+4-Methylphenols	9.092	107	165886	39.005	ng	98
22) Acetophenone	9.163	105	209666	44.072	ng	# 99
24) Nitrobenzene	9.551	77	138387	42.454	ng	# 96
25) Isophorone	10.074	82	273795	39.561	ng	98
26) 2-Nitrophenol	10.267	139	74683	44.778	ng	98
27) 2,4-Dimethylphenol	10.309	122	137859	45.319	ng	96
28) bis(2-Chloroethoxy)met...	10.550	93	155558	43.246	ng	98
29) 2,4-Dichlorophenol	10.802	162	161903	48.141	ng	99
30) 1,2,4-Trichlorobenzene	11.025	180	173485	45.457	ng	98
31) Naphthalene	11.219	128	383584	43.319	ng	99
32) Benzoic acid	10.356	122	6712	2.974	ng	# 75
33) 4-Chloroaniline	11.313	127	15045	3.559	ng	97
34) Hexachlorobutadiene	11.495	225	126413	46.054	ng	97
35) Caprolactam	12.077	113	39574	34.756	ng	97
36) 4-Chloro-3-methylphenol	12.406	107	148005	43.370	ng	95
37) 2-Methylnaphthalene	12.800	142	300726	40.221	ng	100
38) 1-Methylnaphthalene	13.017	142	278051	40.047	ng	96
40) 1,2,4,5-Tetrachloroben...	13.158	216	234488	46.058	ng	98
41) Hexachlorocyclopentadiene	13.135	237	288847	99.515	ng	98
43) 2,4,6-Trichlorophenol	13.387	196	161149	47.869	ng	95

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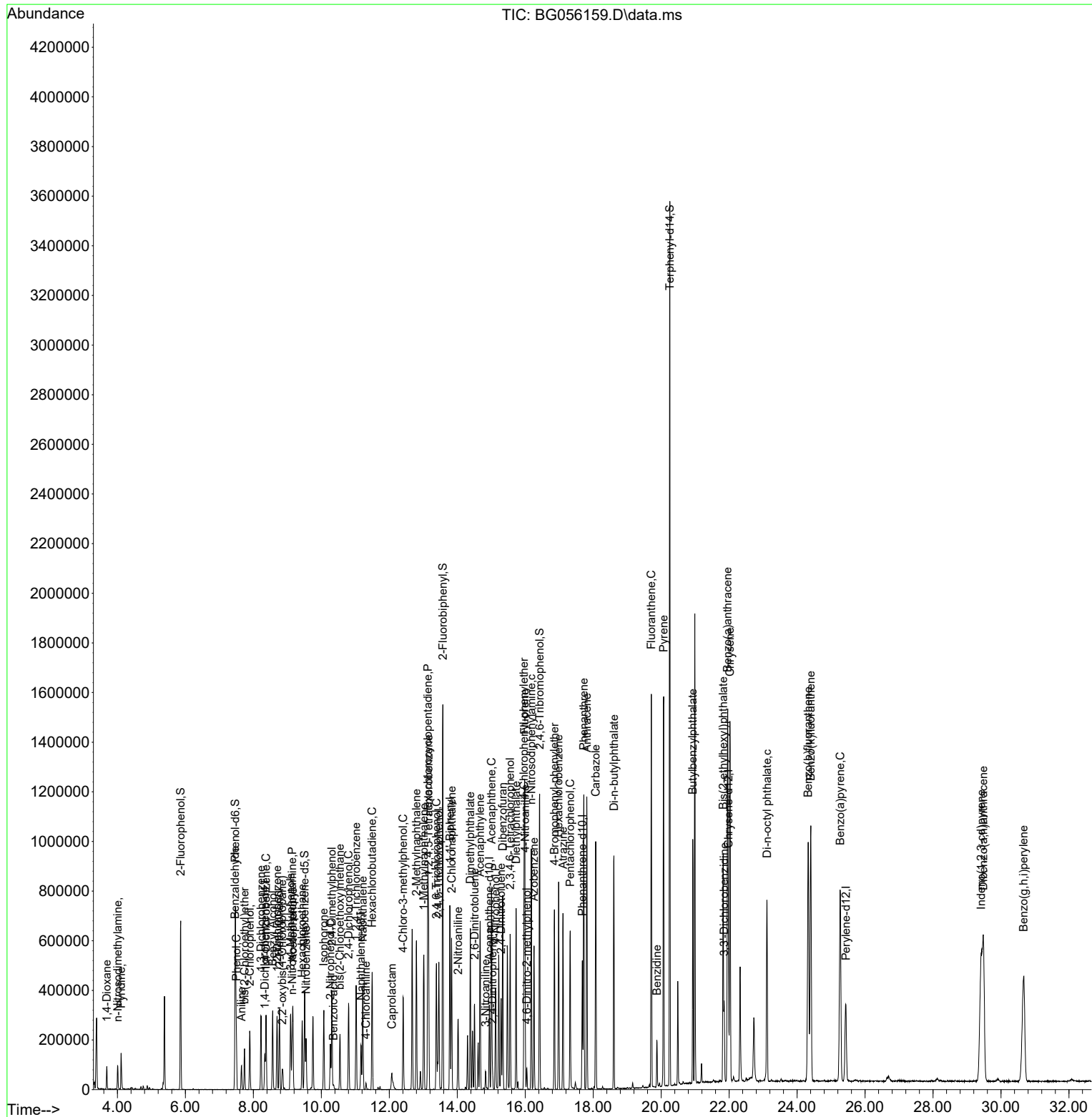
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.458	196	175810	44.148	ng	96
46) 1,1'-Biphenyl	13.787	154	445531	45.798	ng	99
47) 2-Chloronaphthalene	13.834	162	352917	45.961	ng	99
48) 2-Nitroaniline	14.028	65	72837	44.521	ng	98
49) Acenaphthylene	14.674	152	538034	43.058	ng	98
50) Dimethylphthalate	14.386	163	479577	43.735	ng	99
51) 2,6-Dinitrotoluene	14.510	165	101406	43.400	ng	94
52) Acenaphthene	15.009	154	329854	40.588	ng	98
53) 3-Nitroaniline	14.833	138	23478	10.558	ng	98
54) 2,4-Dinitrophenol	15.038	184	25896	15.514	ng #	86
55) Dibenzofuran	15.338	168	585985	43.572	ng	98
56) 4-Nitrophenol	15.127	139	129824	75.910	ng	94
57) 2,4-Dinitrotoluene	15.291	165	147070	45.007	ng	92
58) Fluorene	15.984	166	470251	43.474	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.555	232	167820	44.882	ng	96
60) Diethylphthalate	15.732	149	435819	42.380	ng	98
61) 4-Chlorophenyl-phenylether	15.967	204	295429	43.764	ng	98
62) 4-Nitroaniline	15.996	138	96968	42.570	ng	98
63) Azobenzene	16.260	77	334677	42.174	ng	99
65) 4,6-Dinitro-2-methylph...	16.049	198	33166	13.883	ng	91
66) n-Nitrosodiphenylamine	16.178	169	427590	43.463	ng	97
67) 4-Bromophenyl-phenylether	16.860	248	197421	43.724	ng	100
68) Hexachlorobenzene	16.983	284	201354	47.798	ng	99
69) Atrazine	17.112	200	197796	48.512	ng	98
70) Pentachlorophenol	17.324	266	148829	45.992	ng	98
71) Phenanthrene	17.723	178	821564	44.710	ng	98
72) Anthracene	17.812	178	842911	44.468	ng	100
73) Carbazole	18.076	167	744781	46.743	ng	98
74) Di-n-butylphthalate	18.611	149	749546	47.191	ng	99
75) Fluoranthene	19.709	202	1096685	45.754	ng	100
77) Benzidine	19.874	184	132875	10.526	ng	100
78) Pyrene	20.074	202	1117644	44.018	ng	99
80) Butylbenzylphthalate	20.931	149	330134	45.321	ng	98
81) Benzo(a)anthracene	21.954	228	1127127	44.548	ng	99
82) 3,3'-Dichlorobenzidine	21.854	252	144111	15.822	ng	100
83) Chrysene	22.024	228	1054625	44.499	ng	99
84) Bis(2-ethylhexyl)phtha...	21.825	149	474328	45.197	ng	98
85) Di-n-octyl phthalate	23.117	149	808470	45.633	ng	100
87) Indeno(1,2,3-cd)pyrene	29.416	276	1329299	46.382	ng #	98
88) Benzo(b)fluoranthene	24.327	252	1179463	47.106	ng	98
89) Benzo(k)fluoranthene	24.404	252	1153023	46.244	ng	100
90) Benzo(a)pyrene	25.268	252	1040644	42.612	ng	99
91) Dibenzo(a,h)anthracene	29.480	278	1099004	45.737	ng	99
92) Benzo(g,h,i)perylene	30.667	276	1063292	45.632	ng	98

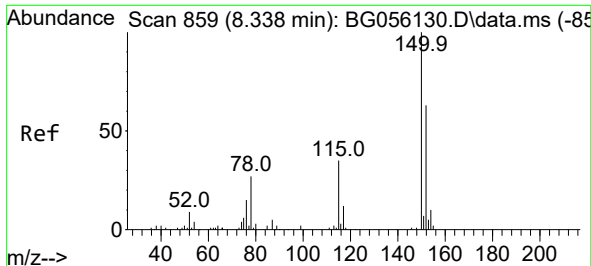
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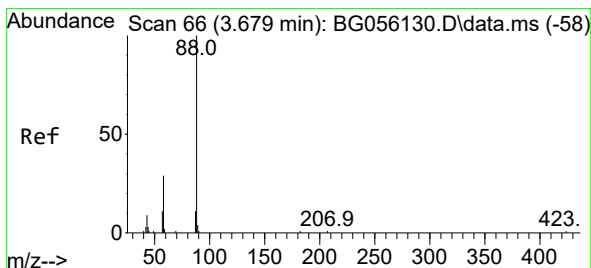
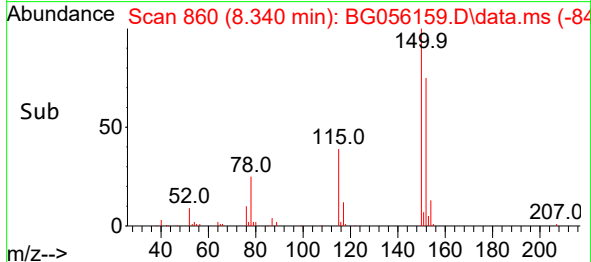
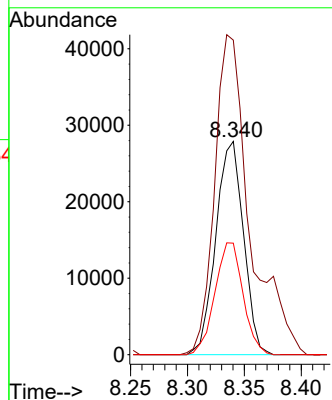
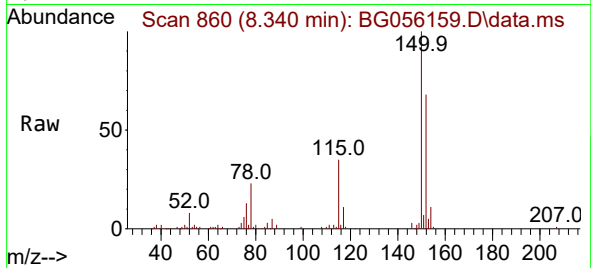




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG056159.D
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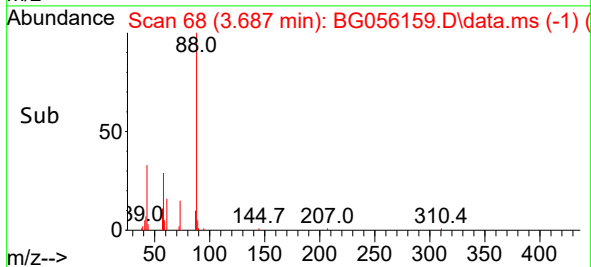
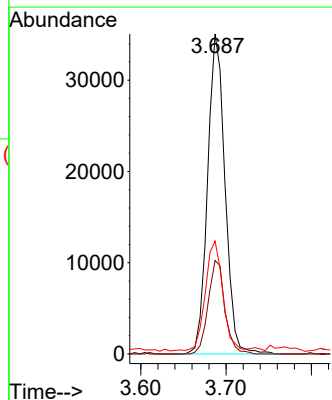
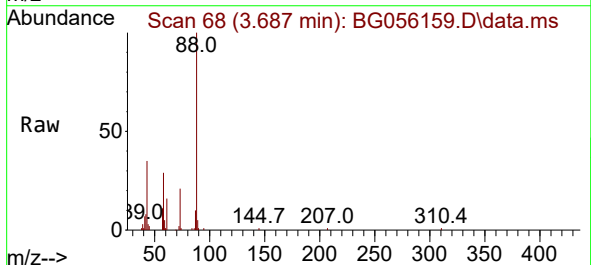
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BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:152 Resp: 47262
Ion Ratio Lower Upper
152 100
150 147.5 127.9 191.9
115 52.3 44.2 66.2



#2
1,4-Dioxane
Concen: 41.145 ng
RT: 3.687 min Scan# 68
Delta R.T. 0.008 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion: 88 Resp: 49746
Ion Ratio Lower Upper
88 100
58 27.9 21.4 32.0
43 33.8 7.1 10.7#

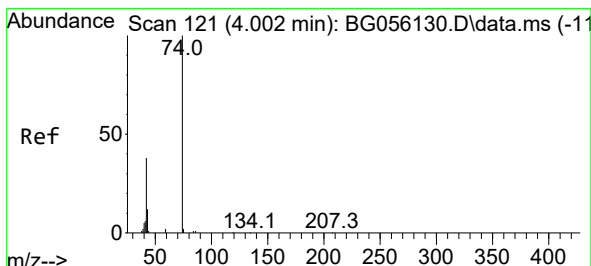
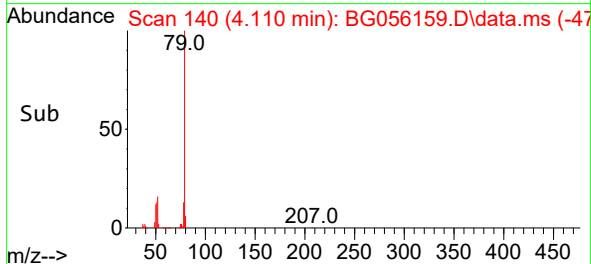
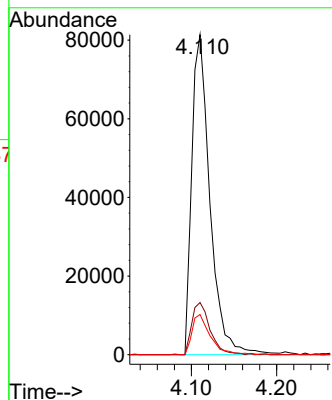
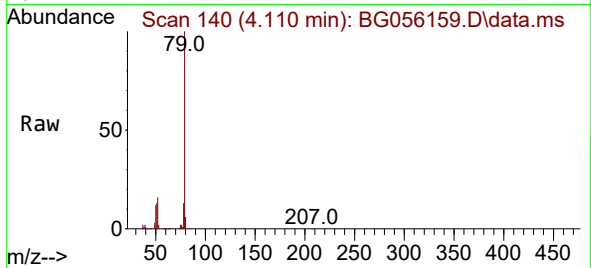




#3
 Pyridine
 Concen: 32.658 ng
 RT: 4.110 min Scan# 14
 Delta R.T. 0.014 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

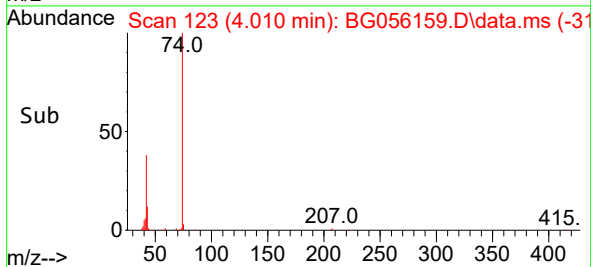
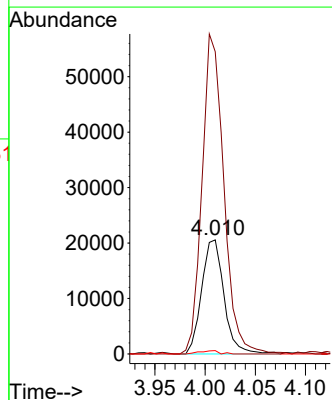
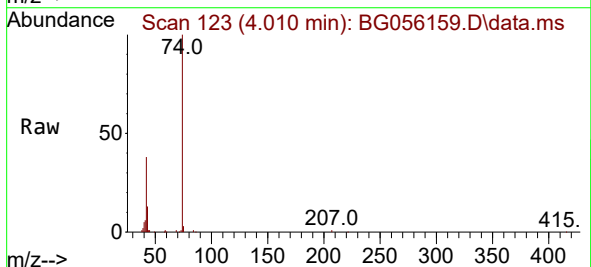
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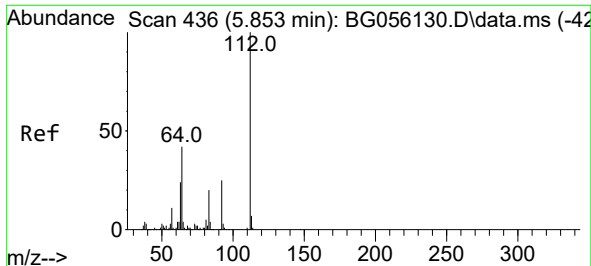
Tgt Ion: 79 Resp: 120260
 Ion Ratio Lower Upper
 79 100
 52 16.3 11.8 17.6
 51 12.6 8.8 13.2



#4
 n-Nitrosodimethylamine
 Concen: 42.630 ng
 RT: 4.010 min Scan# 123
 Delta R.T. 0.008 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

Tgt Ion: 42 Resp: 31933
 Ion Ratio Lower Upper
 42 100
 74 265.0 212.6 319.0
 44 3.0 2.6 3.8

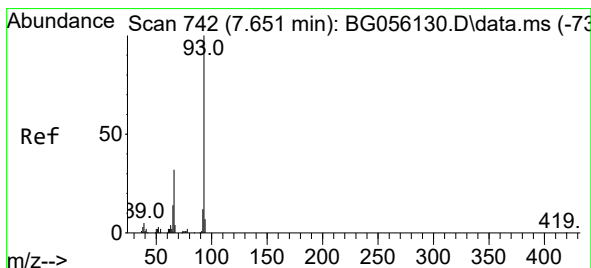
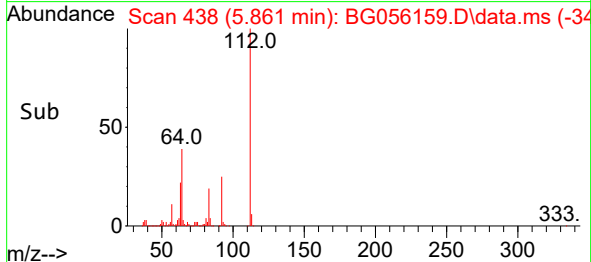
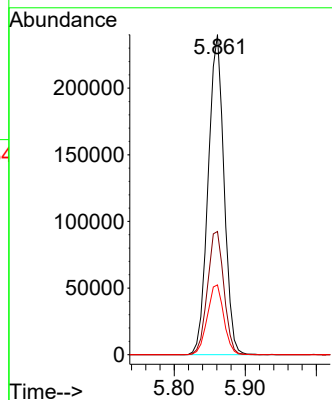
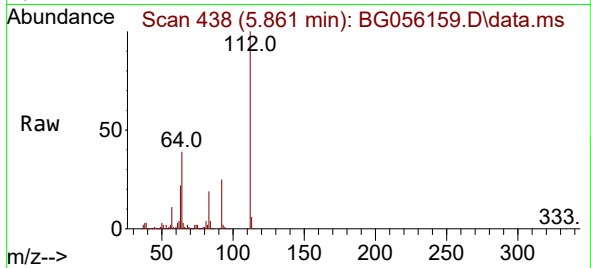




#5
2-Fluorophenol
Concen: 140.594 ng
RT: 5.861 min Scan# 41
Delta R.T. 0.008 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

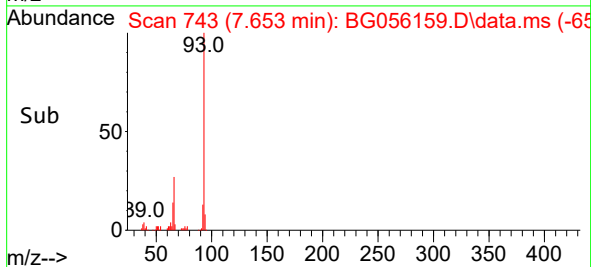
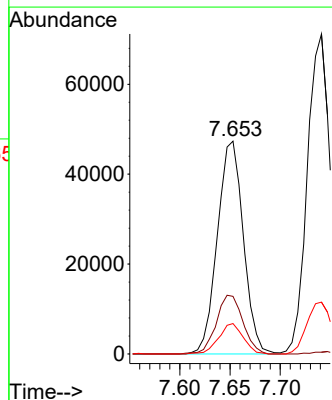
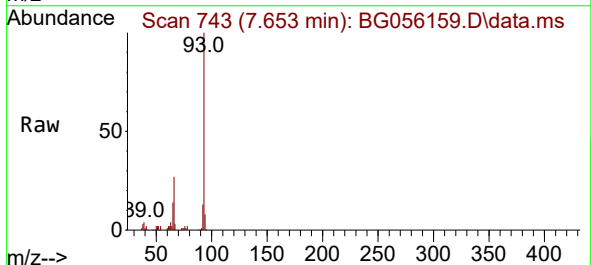
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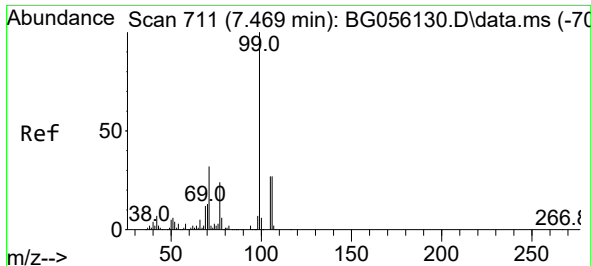
Tgt Ion:112 Resp: 372152
Ion Ratio Lower Upper
112 100
64 38.5 33.3 49.9
63 21.8 19.0 28.4



#6
Aniline
Concen: 15.995 ng
RT: 7.653 min Scan# 743
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion: 93 Resp: 85268
Ion Ratio Lower Upper
93 100
66 27.1 25.4 38.2
65 14.3 11.4 17.2

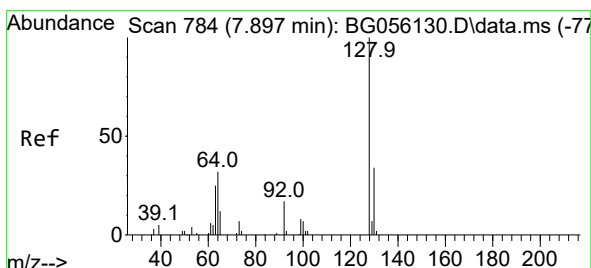
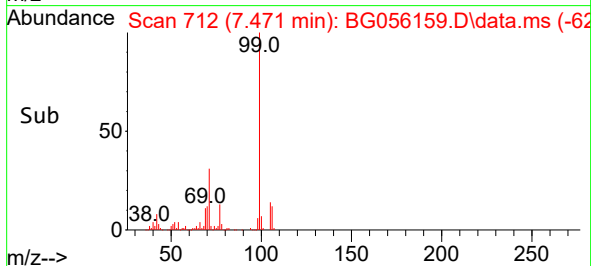
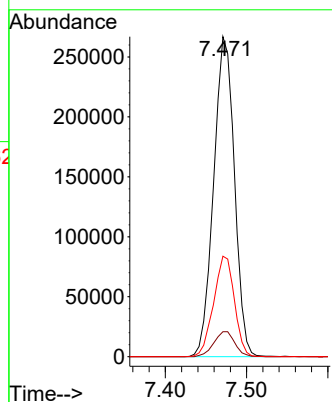
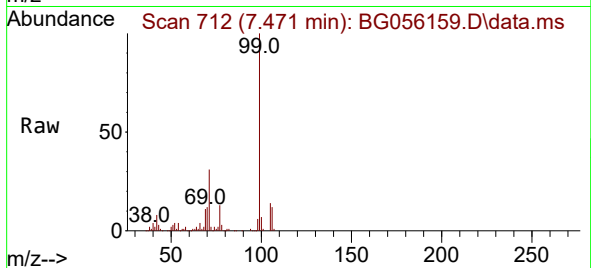




#7
Phenol-d6
Concen: 116.749 ng
RT: 7.471 min Scan# 711
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

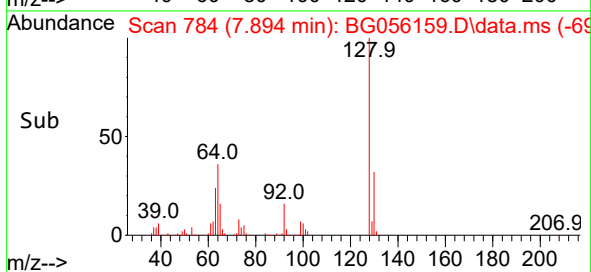
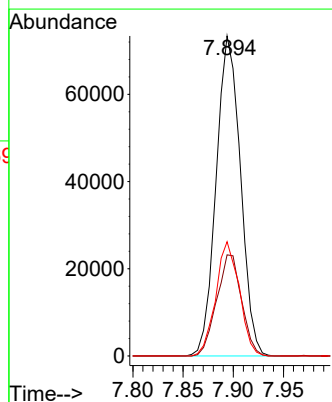
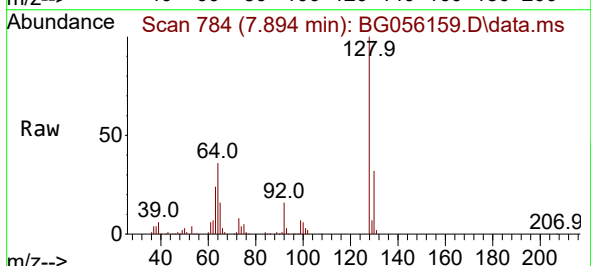
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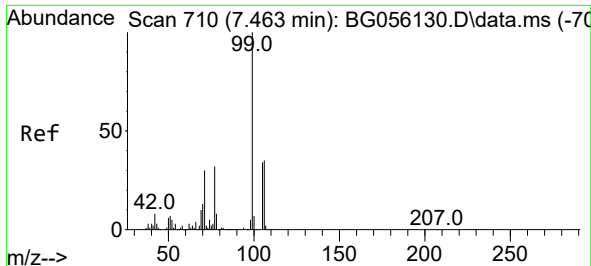
Tgt Ion: 99 Resp: 474588
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 31.4 25.4 38.2



#8
2-Chlorophenol
Concen: 46.841 ng
RT: 7.894 min Scan# 784
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:128 Resp: 123380
Ion Ratio Lower Upper
128 100
130 31.6 13.5 53.5
64 35.7 18.0 58.0

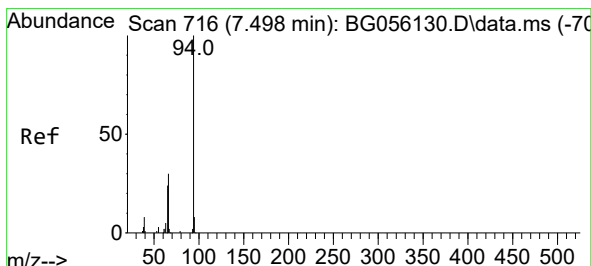
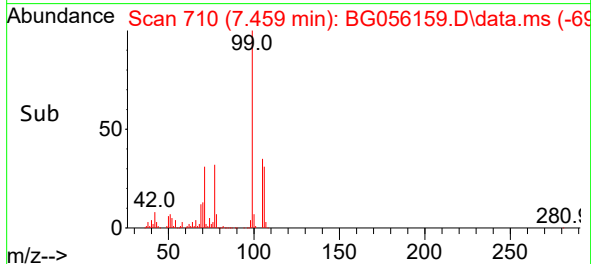
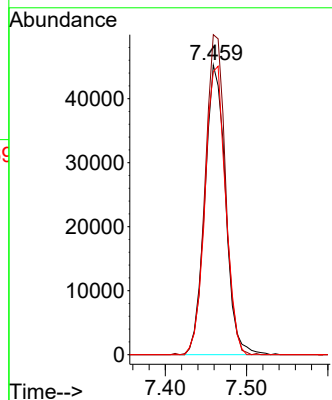
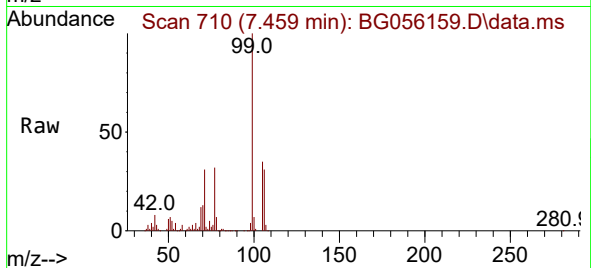




#9
Benzaldehyde
Concen: 32.958 ng
RT: 7.459 min Scan# 710
Delta R.T. -0.004 min
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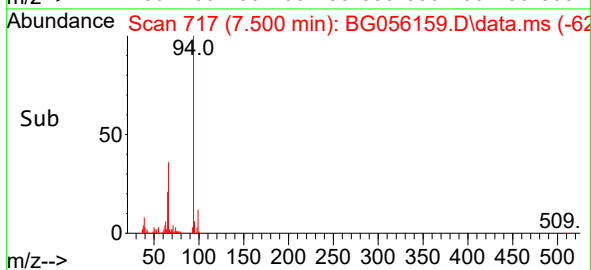
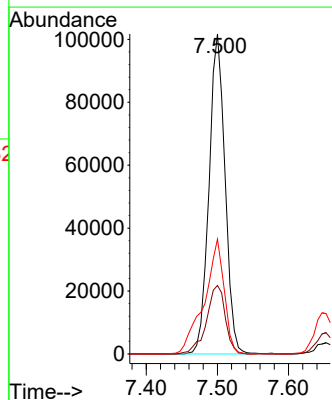
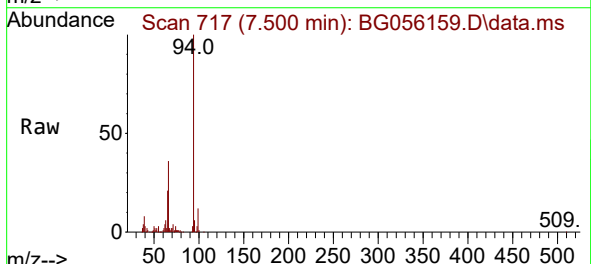
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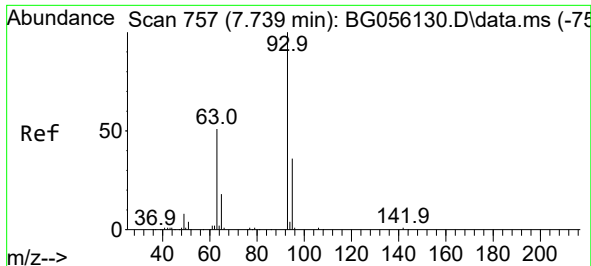
Tgt Ion: 77 Resp: 79662
Ion Ratio Lower Upper
77 100
105 110.5 86.8 126.8
106 97.8 89.3 129.3



#10
Phenol
Concen: 38.751 ng
RT: 7.500 min Scan# 717
Delta R.T. 0.002 min
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Tgt Ion: 94 Resp: 159750
Ion Ratio Lower Upper
94 100
65 21.4 4.3 44.3
66 35.9 13.2 53.2

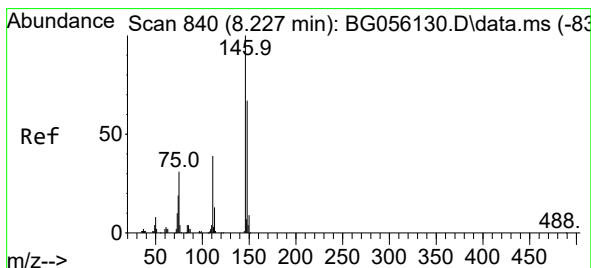
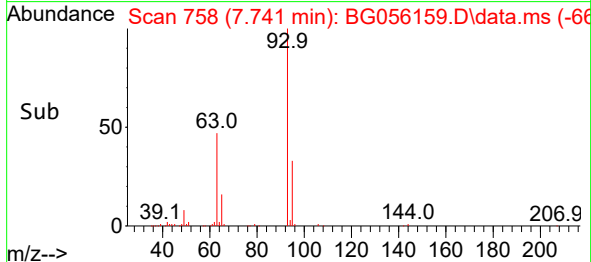
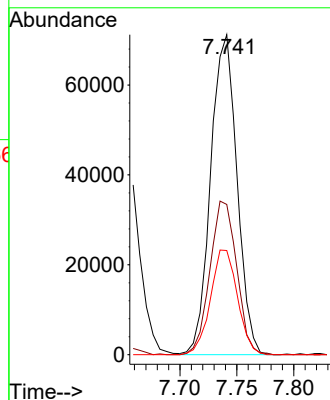
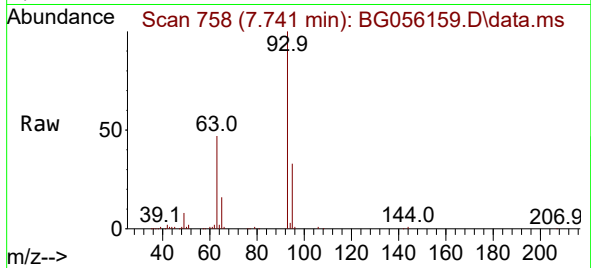




#11
bis(2-Chloroethyl)ether
Concen: 40.996 ng
RT: 7.741 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

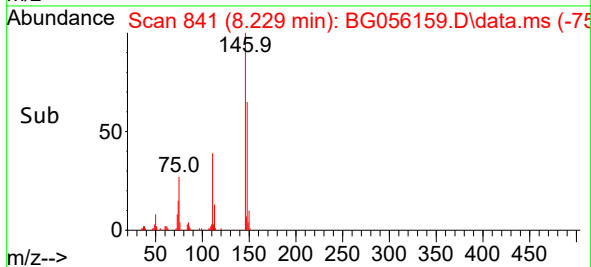
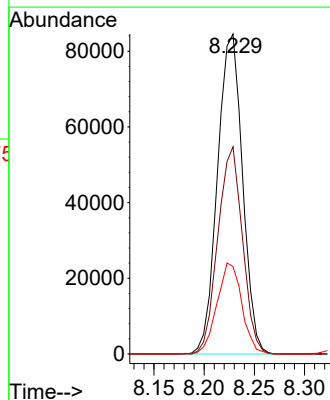
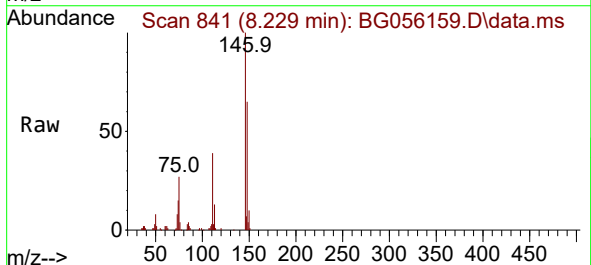
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

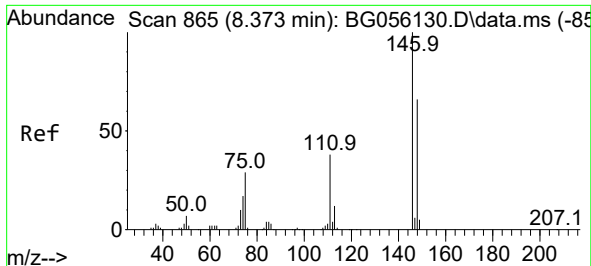
Tgt Ion: 93 Resp: 114530
Ion Ratio Lower Upper
93 100
63 47.0 30.5 70.5
95 32.6 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 45.693 ng
RT: 8.229 min Scan# 841
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:146 Resp: 146483
Ion Ratio Lower Upper
146 100
148 64.8 53.5 80.3
75 27.3 24.8 37.2

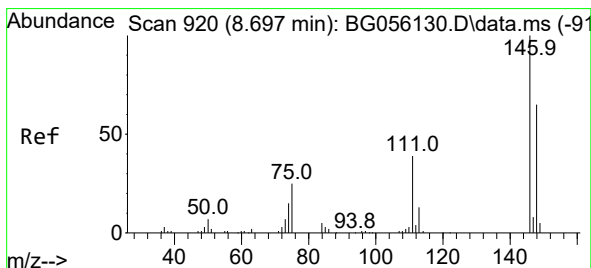
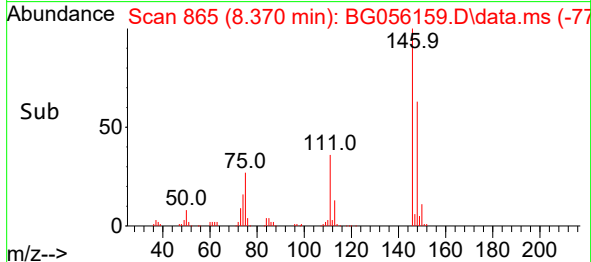
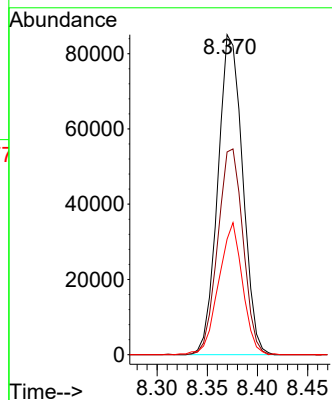
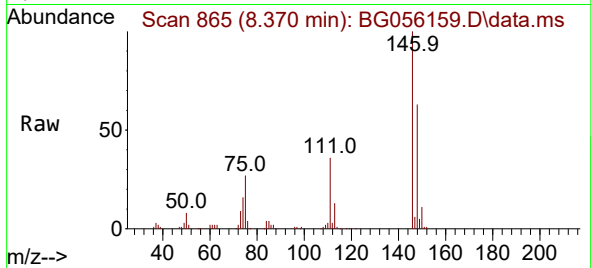




#13
1,4-Dichlorobenzene
Concen: 45.308 ng
RT: 8.370 min Scan# 865
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

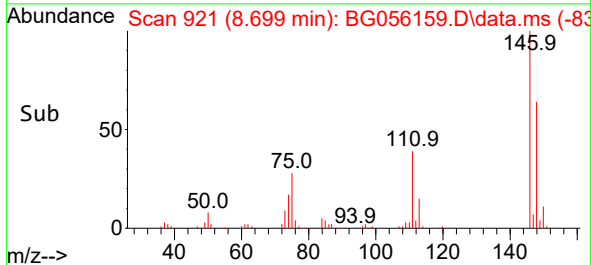
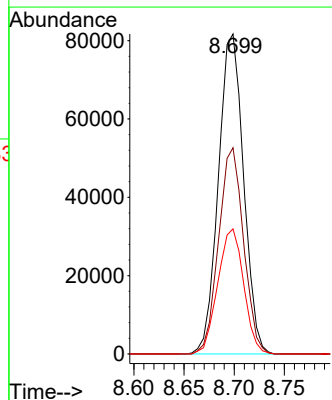
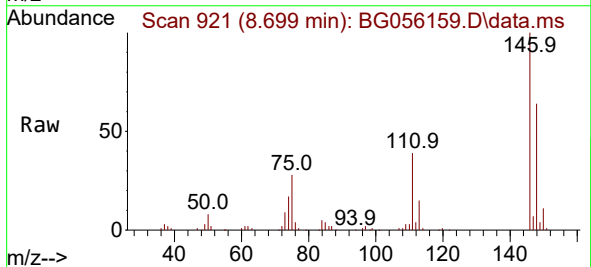
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:146 Resp: 145854
Ion Ratio Lower Upper
146 100
148 63.4 52.8 79.2
111 36.1 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 45.821 ng
RT: 8.699 min Scan# 921
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:146 Resp: 142328
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
111 39.1 31.5 47.3

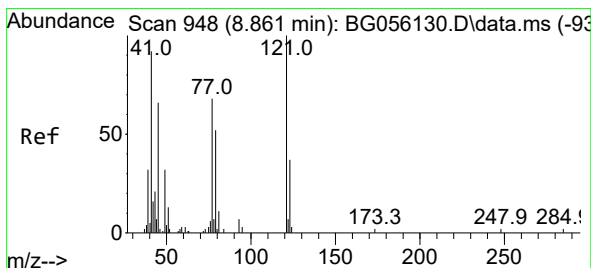
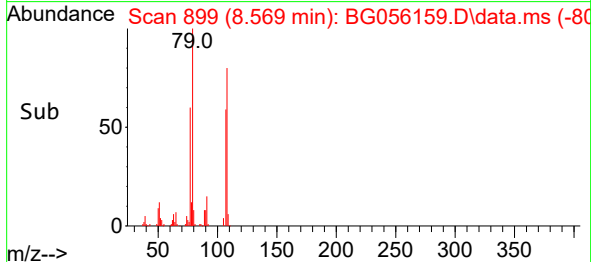
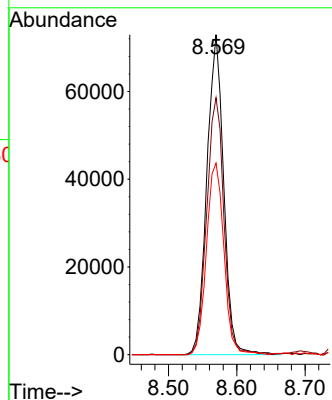
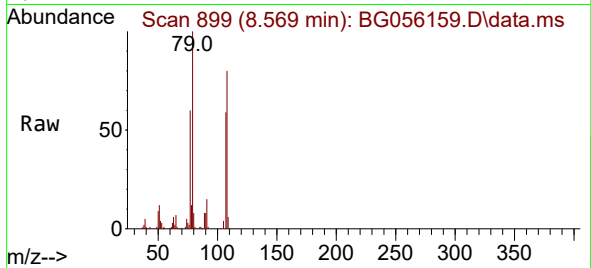




#15
Benzyl Alcohol
Concen: 42.324 ng
RT: 8.569 min Scan# 898
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

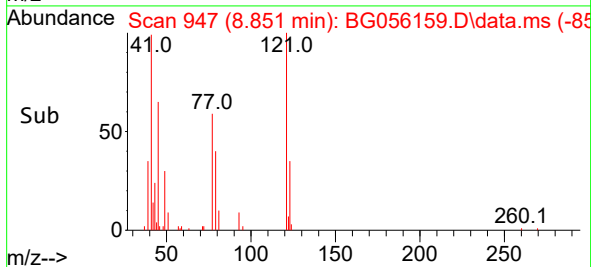
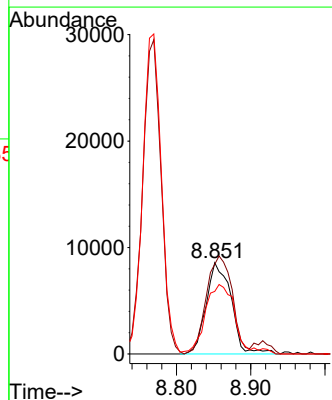
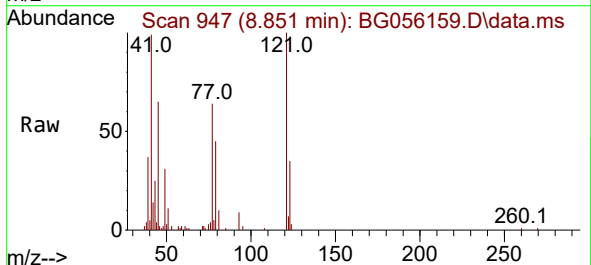
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

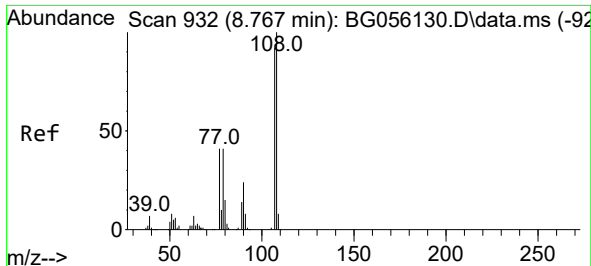
Tgt Ion: 79 Resp: 125216
Ion Ratio Lower Upper
79 100
108 80.3 64.7 97.1
77 59.8 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.637 ng
RT: 8.851 min Scan# 947
Delta R.T. -0.010 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion: 45 Resp: 20062
Ion Ratio Lower Upper
45 100
77 98.4 88.2 128.2
79 68.6 61.2 101.2

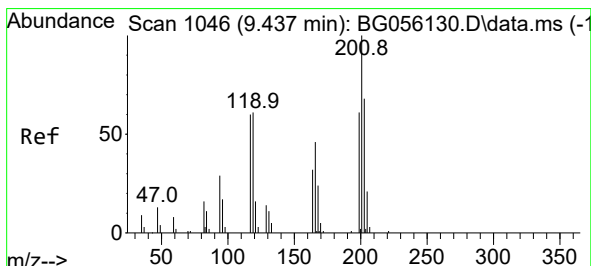
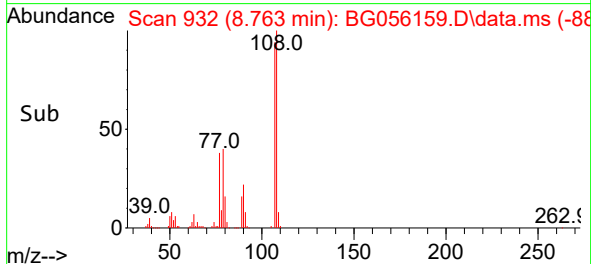
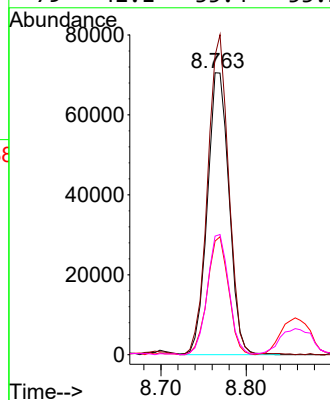
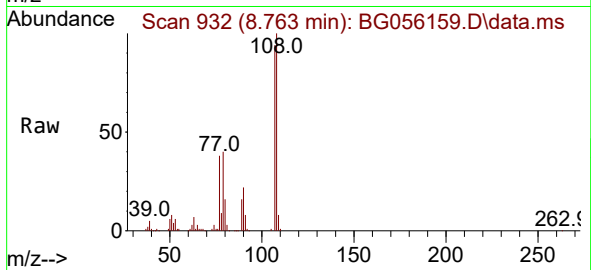




#17
2-Methylphenol
Concen: 41.277 ng
RT: 8.763 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

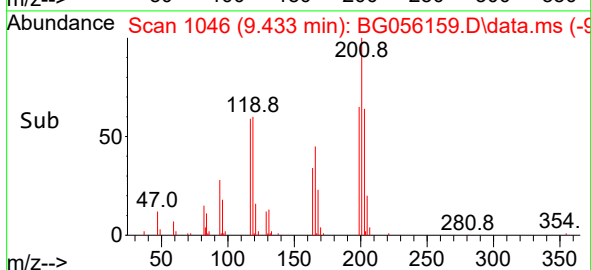
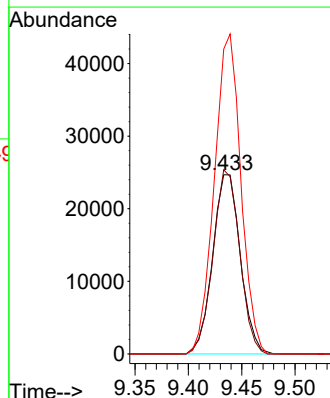
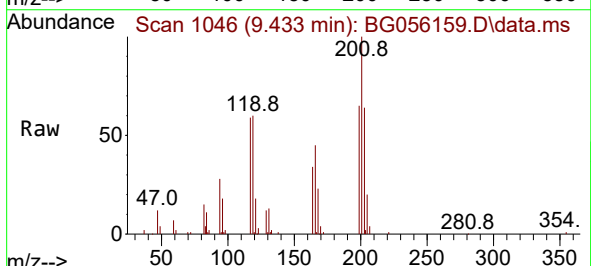
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

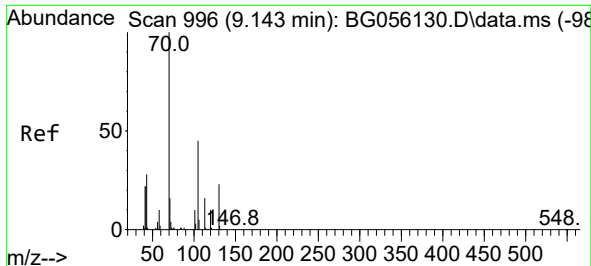
Tgt Ion:	107	Resp:	124863
Ion	Ratio	Lower	Upper
107	100		
108	106.0	86.6	129.8
77	40.3	35.4	53.2
79	42.1	35.4	53.2



#18
Hexachloroethane
Concen: 45.677 ng
RT: 9.433 min Scan# 1046
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:	117	Resp:	44670
Ion	Ratio	Lower	Upper
117	100		
119	102.8	81.8	122.6
201	170.1	134.2	201.2



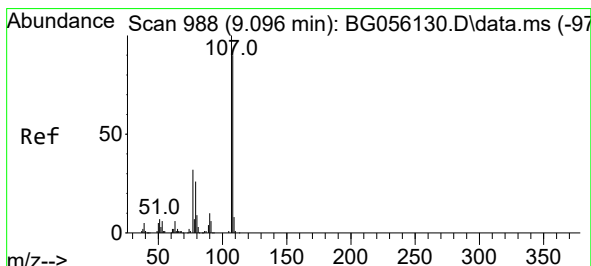
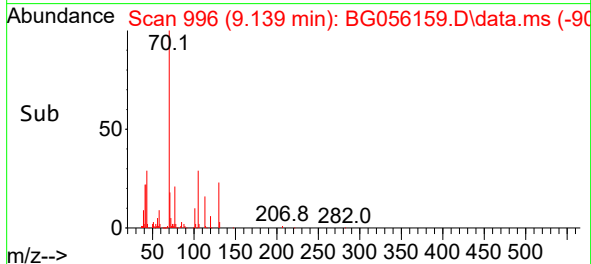
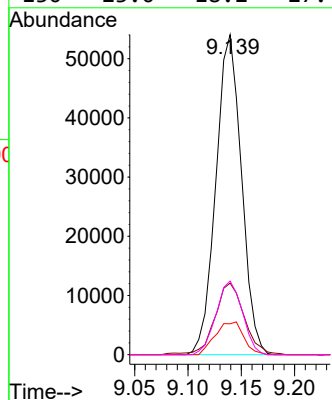
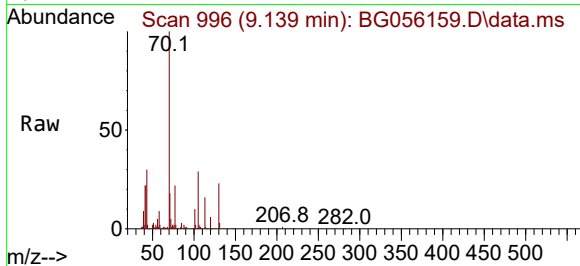


#19
n-Nitroso-di-n-propylamine
Concen: 36.431 ng
RT: 9.139 min Scan# 996
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion: 70 Resp: 90054

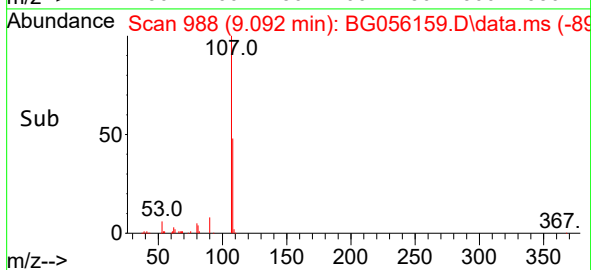
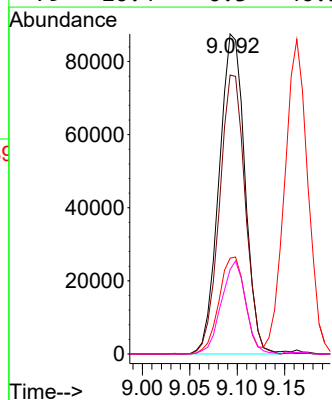
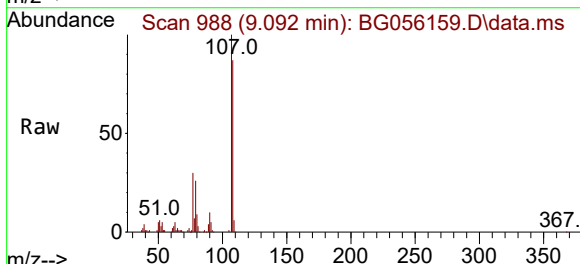
Ion	Ratio	Lower	Upper
70	100		
42	22.4	18.2	27.2
101	9.7	8.3	12.5
130	23.0	18.2	27.4

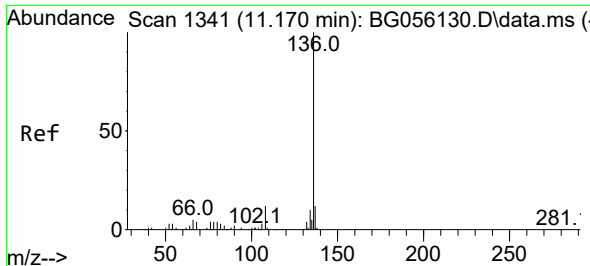


#20
3+4-Methylphenols
Concen: 39.005 ng
RT: 9.092 min Scan# 988
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion: 107 Resp: 165886

Ion	Ratio	Lower	Upper
107	100		
108	87.2	69.6	109.6
77	29.9	11.7	51.7
79	26.4	6.3	46.3

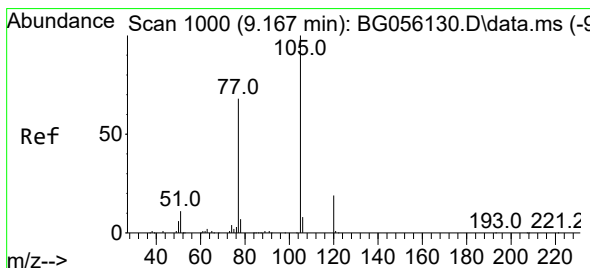
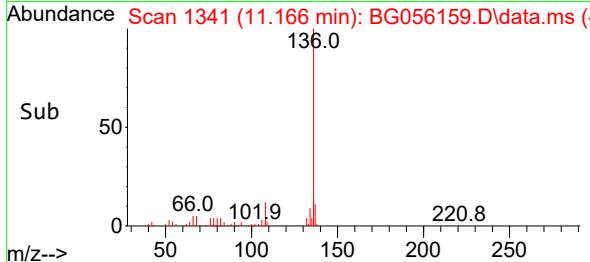
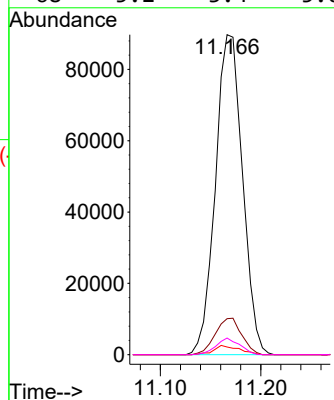
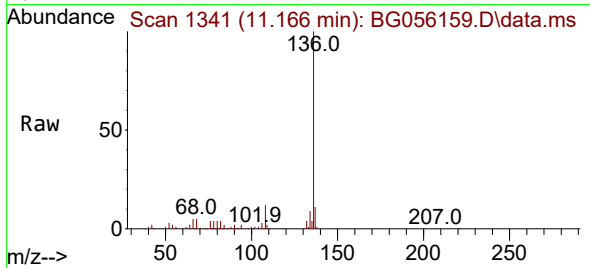




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

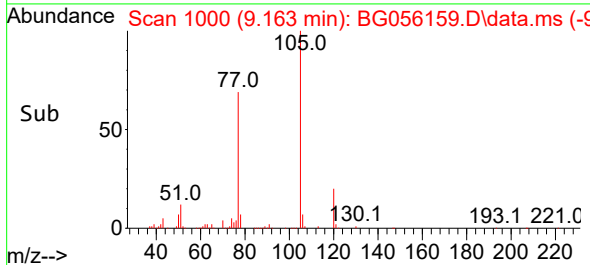
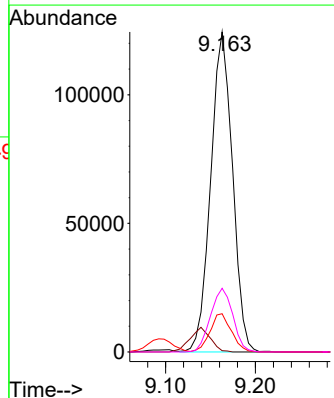
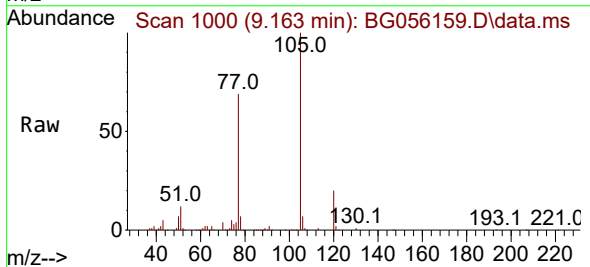
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

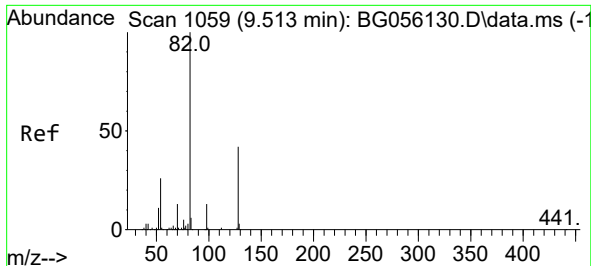
Tgt Ion:136 Resp: 168253
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.4 2.2 3.2
68 5.2 3.4 5.0#



#22
Acetophenone
Concen: 44.072 ng
RT: 9.163 min Scan# 1000
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:105 Resp: 209666
Ion Ratio Lower Upper
105 100
71 0.4 0.5 0.7#
51 12.0 9.3 13.9
120 19.9 15.5 23.3

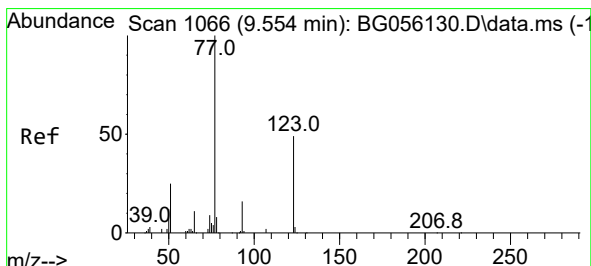
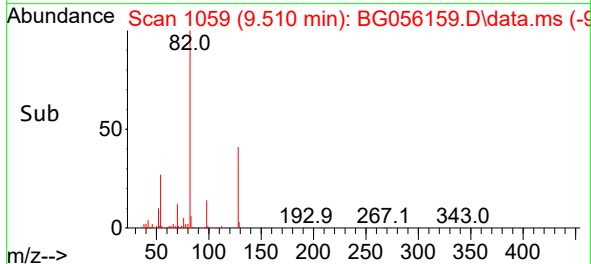
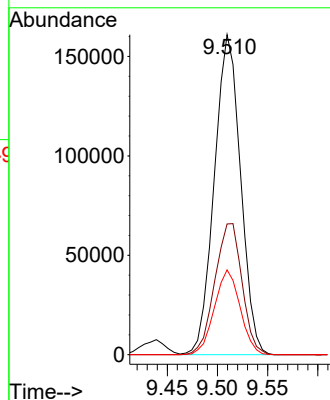
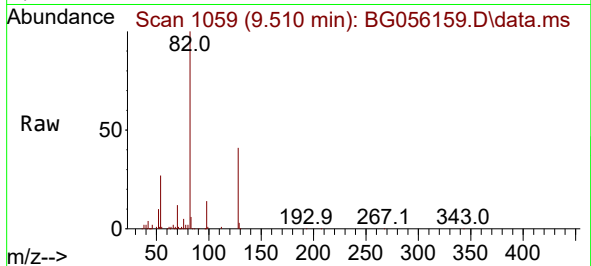




#23
Nitrobenzene-d5
Concen: 89.016 ng
RT: 9.510 min Scan# 1059
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

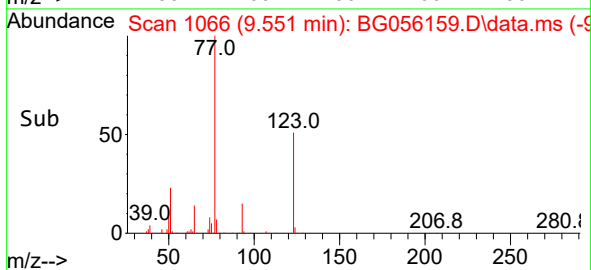
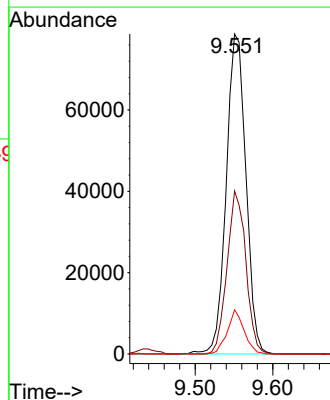
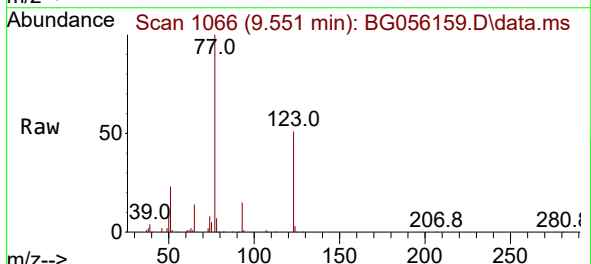
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

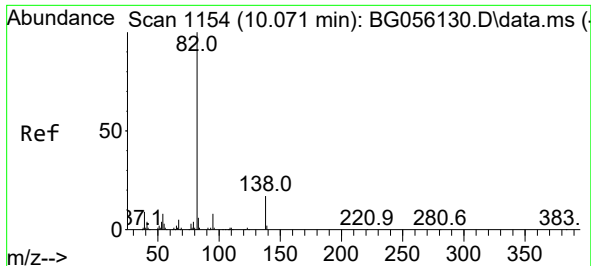
Tgt Ion: 82 Resp: 292801
Ion Ratio Lower Upper
82 100
128 40.9 33.4 50.2
54 26.5 20.3 30.5



#24
Nitrobenzene
Concen: 42.454 ng
RT: 9.551 min Scan# 1066
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion: 77 Resp: 138387
Ion Ratio Lower Upper
77 100
123 51.0 38.8 58.2
65 13.8 9.1 13.7#

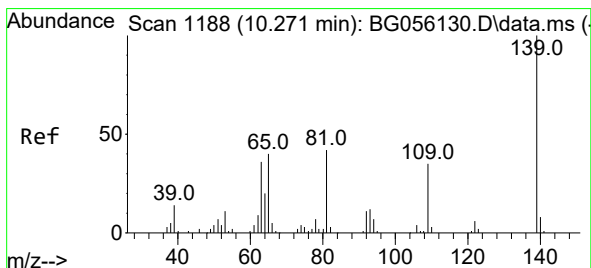
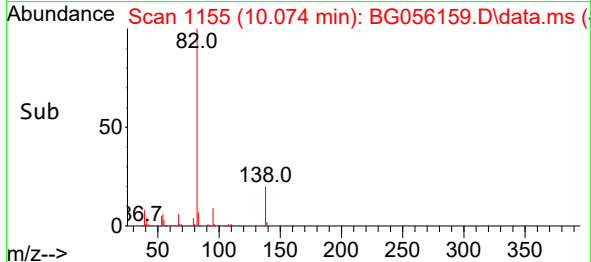
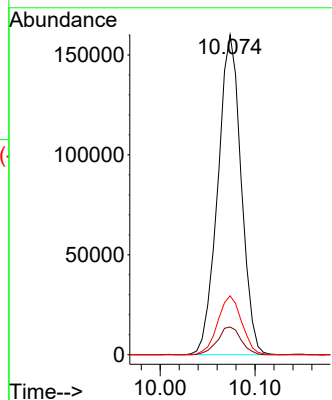
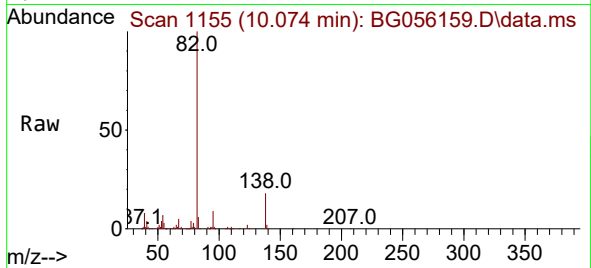




#25
Isophorone
Concen: 39.561 ng
RT: 10.074 min Scan# 1154
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

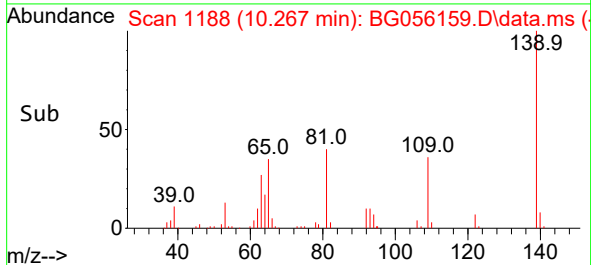
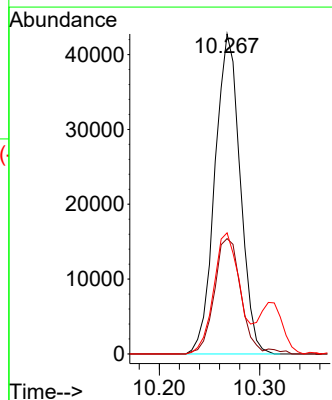
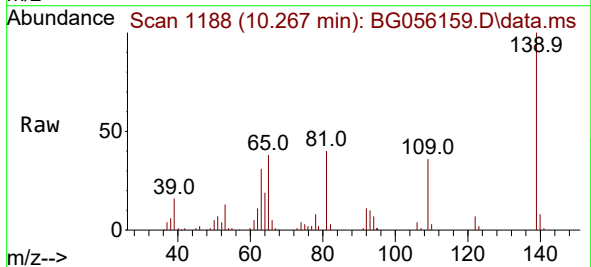
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

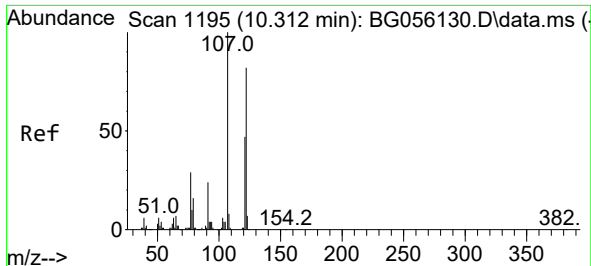
Tgt Ion: 82 Resp: 273795
Ion Ratio Lower Upper
82 100
95 8.7 6.7 10.1
138 18.4 13.7 20.5



#26
2-Nitrophenol
Concen: 44.778 ng
RT: 10.267 min Scan# 1188
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:139 Resp: 74683
Ion Ratio Lower Upper
139 100
109 36.1 28.4 42.6
65 37.9 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 45.319 ng

RT: 10.309 min Scan# 1195

Delta R.T. -0.004 min

Lab File: BG056159.D

Acq: 29 Dec 2022 18:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

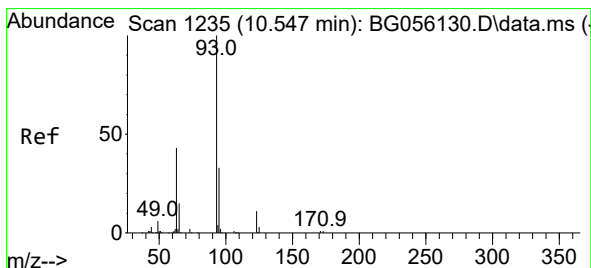
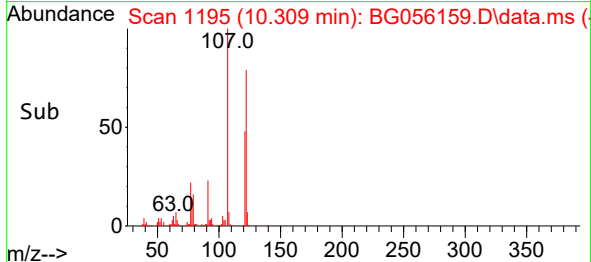
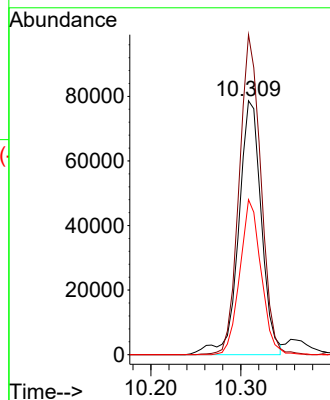
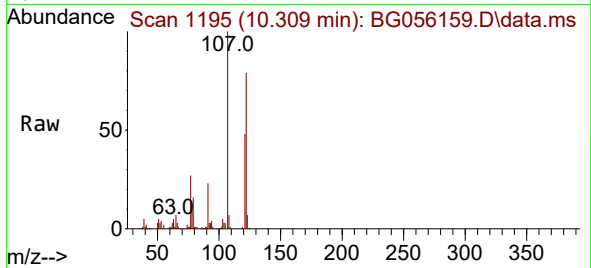
Tgt Ion:122 Resp: 137859

Ion Ratio Lower Upper

122 100

107 126.0 97.5 146.3

121 61.1 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.246 ng

RT: 10.550 min Scan# 1236

Delta R.T. 0.002 min

Lab File: BG056159.D

Acq: 29 Dec 2022 18:15

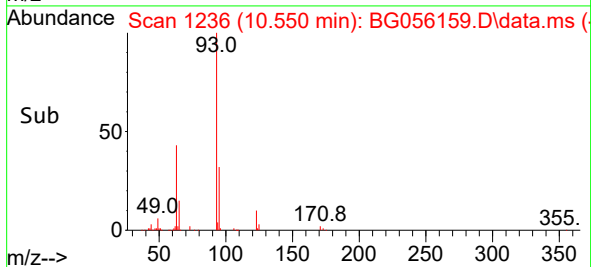
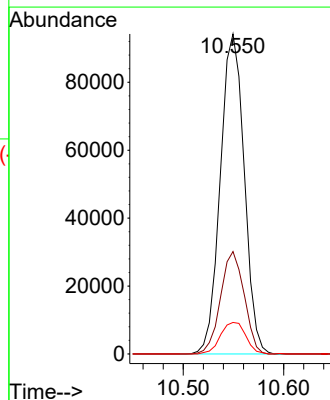
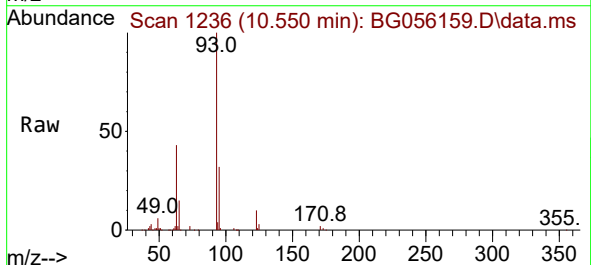
Tgt Ion: 93 Resp: 155558

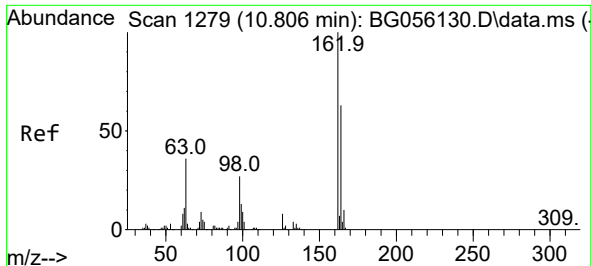
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 9.9 9.0 13.6

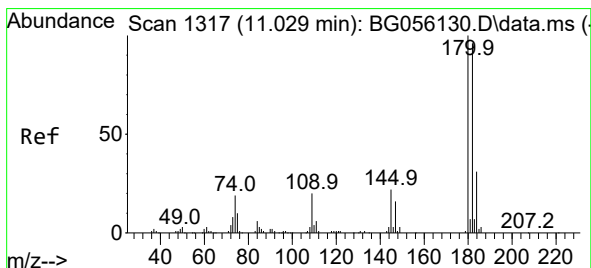
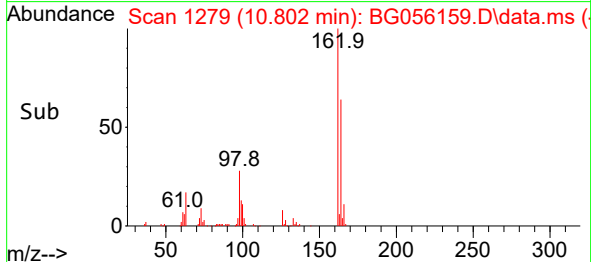
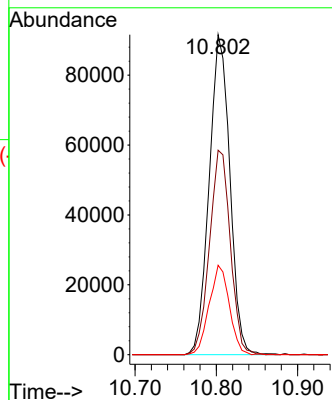
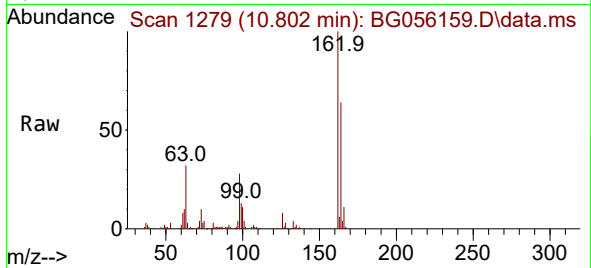




#29
2,4-Dichlorophenol
Concen: 48.141 ng
RT: 10.802 min Scan# 1279
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

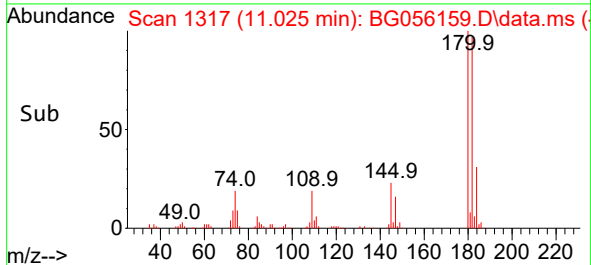
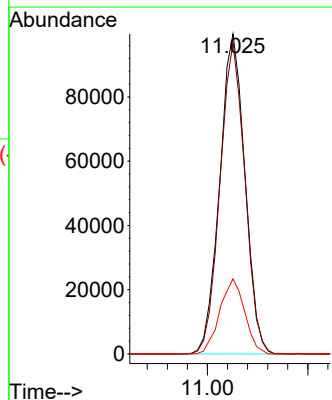
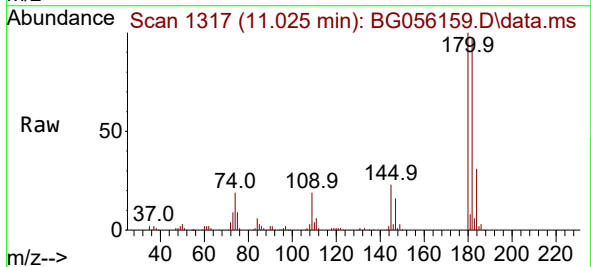
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

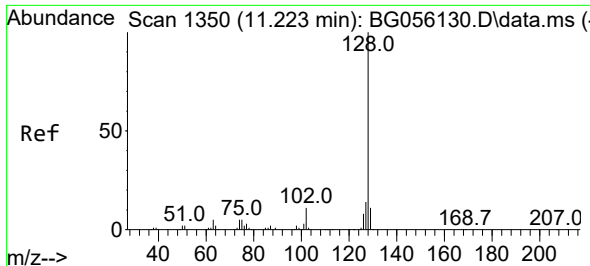
Tgt Ion:162 Resp: 161903
Ion Ratio Lower Upper
162 100
164 63.9 43.3 83.3
98 28.0 6.8 46.8



#30
1,2,4-Trichlorobenzene
Concen: 45.457 ng
RT: 11.025 min Scan# 1317
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:180 Resp: 173485
Ion Ratio Lower Upper
180 100
182 97.3 77.0 115.4
145 23.5 17.4 26.2

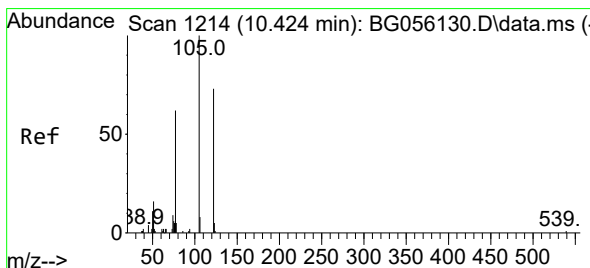
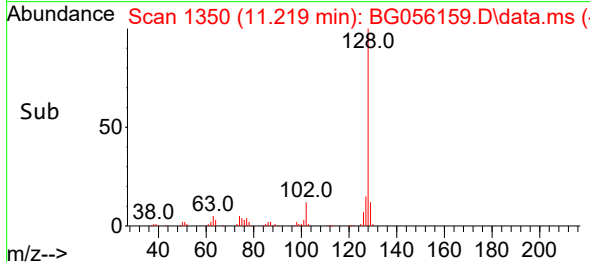
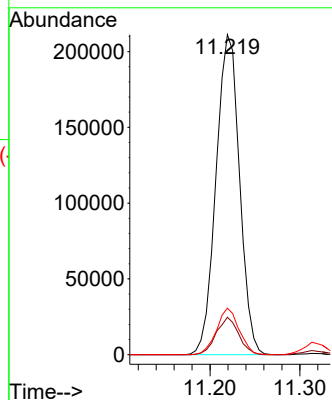
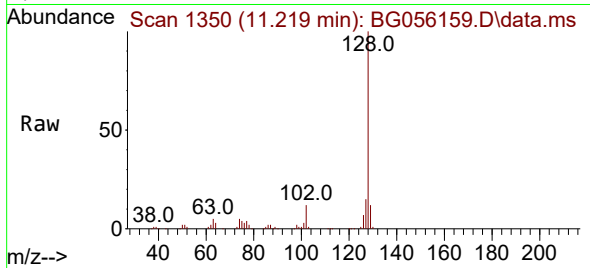




#31
Naphthalene
Concen: 43.319 ng
RT: 11.219 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

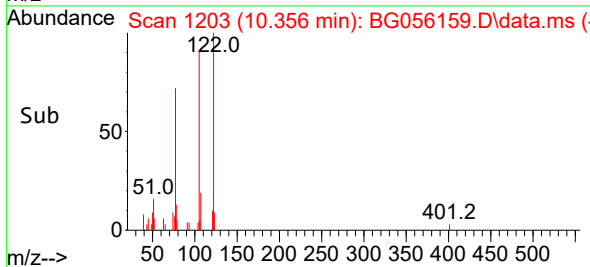
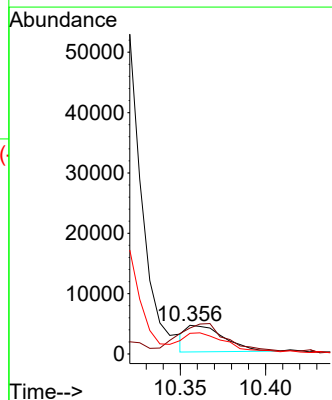
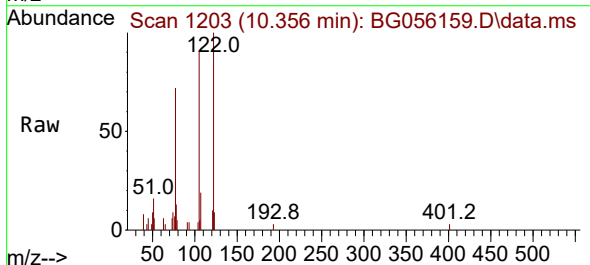
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

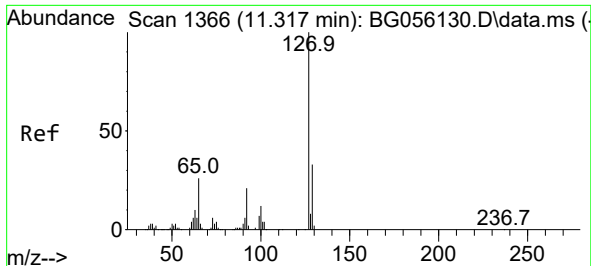
Tgt Ion:128 Resp: 383584
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 14.5 11.2 16.8



#32
Benzoic acid
Concen: 2.974 ng
RT: 10.356 min Scan# 1203
Delta R.T. -0.068 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:122 Resp: 6712
Ion Ratio Lower Upper
122 100
105 90.5 109.0 149.0#
77 72.1 63.1 103.1

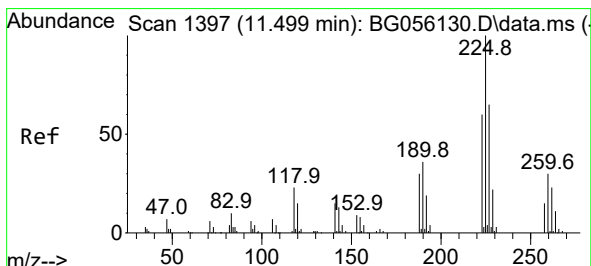
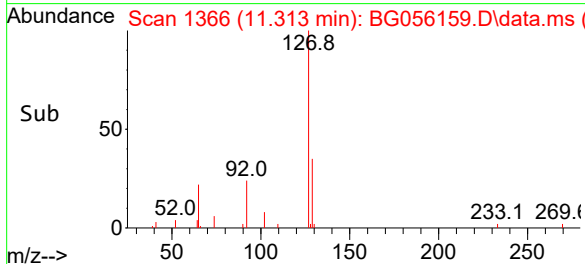
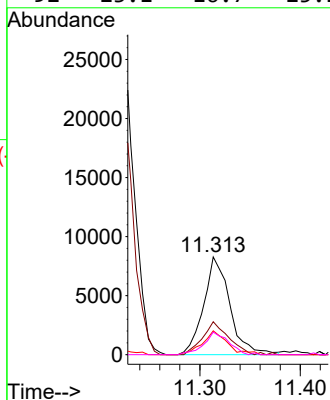
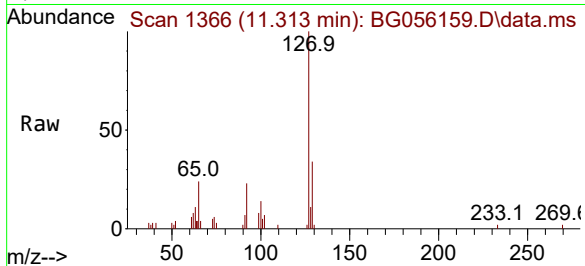




#33
4-Chloroaniline
Concen: 3.559 ng
RT: 11.313 min Scan# 1366
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

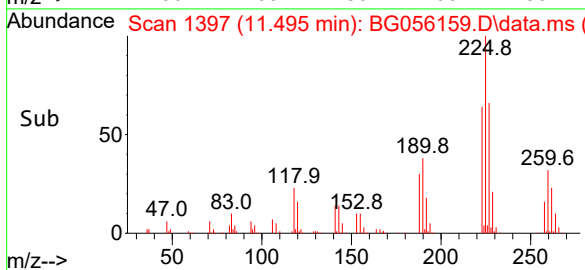
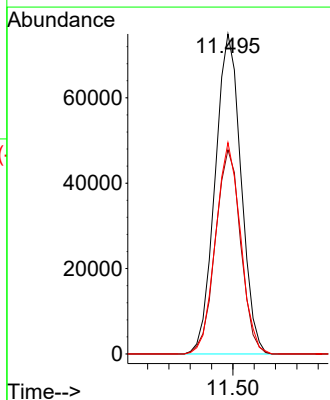
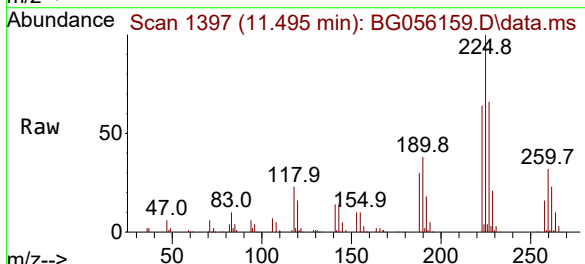
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

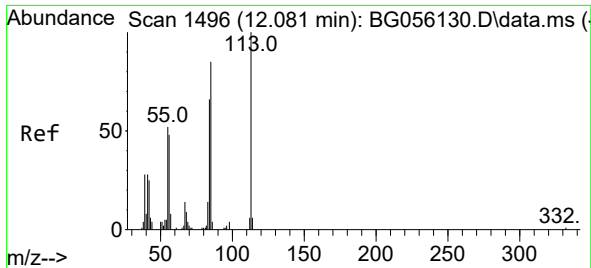
Tgt Ion:	127	Resp:	15045
Ion Ratio	Lower	Upper	
127	100		
129	33.7	26.1	39.1
65	24.4	20.9	31.3
92	23.1	16.7	25.1



#34
Hexachlorobutadiene
Concen: 46.054 ng
RT: 11.495 min Scan# 1397
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:	225	Resp:	126413
Ion Ratio	Lower	Upper	
225	100		
223	63.8	47.7	71.5
227	66.0	52.3	78.5

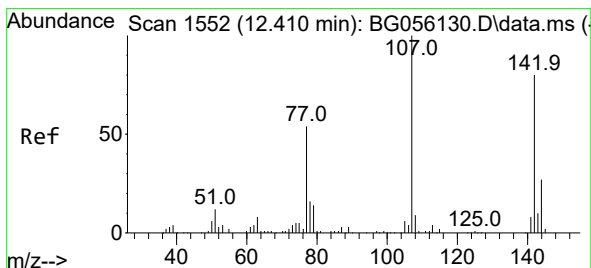
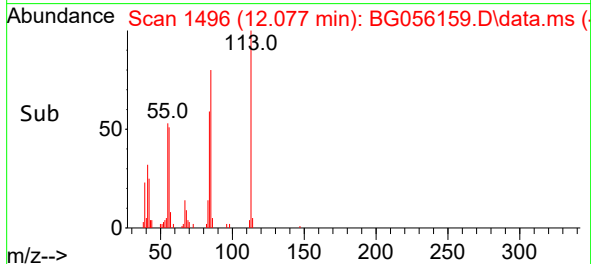
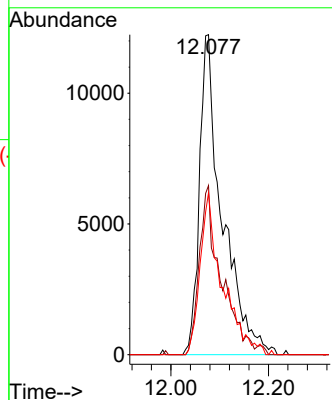
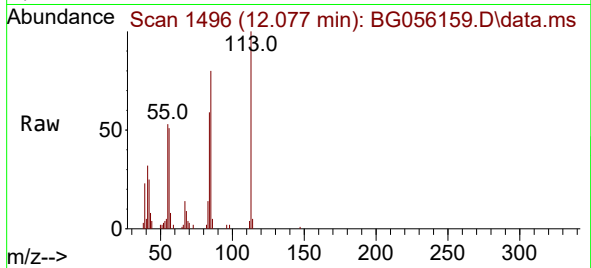




#35
 Caprolactam
 Concen: 34.756 ng
 RT: 12.077 min Scan# 1496
 Delta R.T. -0.004 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

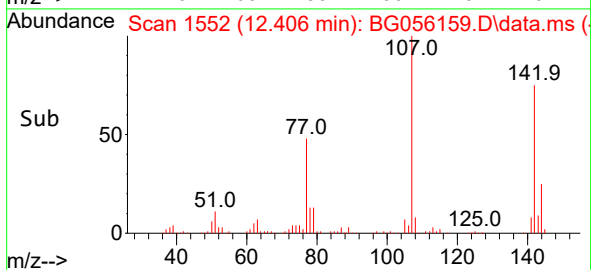
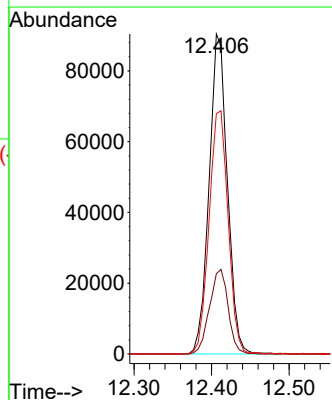
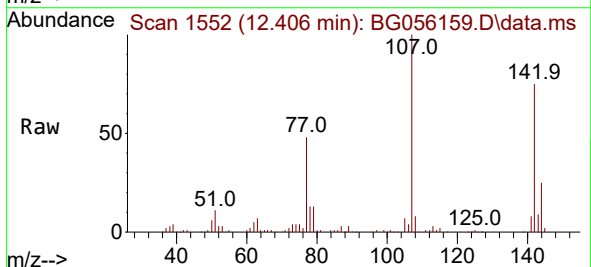
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

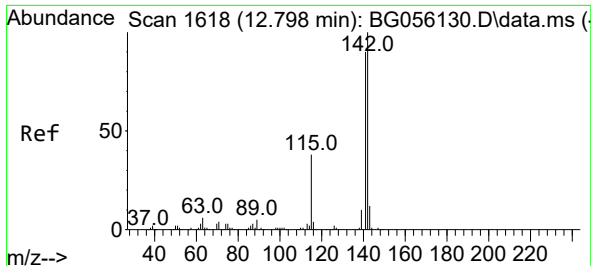
Tgt Ion:	113	Resp:	39574
Ion	Ratio	Lower	Upper
113	100		
55	52.8	31.9	71.9
56	50.6	27.6	67.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.370 ng
 RT: 12.406 min Scan# 1552
 Delta R.T. -0.004 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

Tgt Ion:	107	Resp:	148005
Ion	Ratio	Lower	Upper
107	100		
144	25.1	21.5	32.3
142	75.1	63.8	95.6

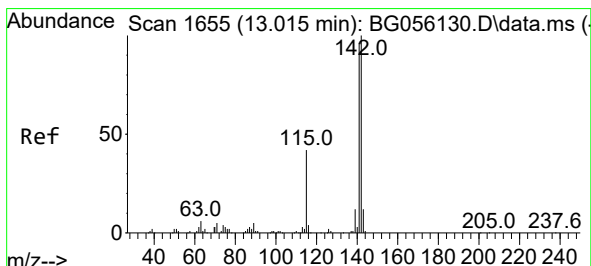
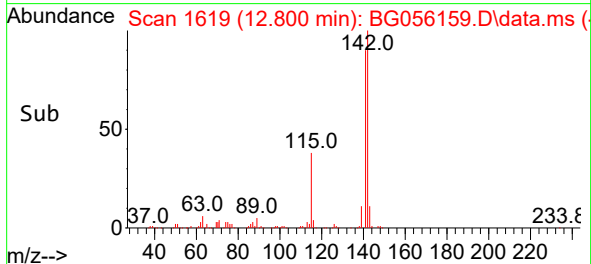
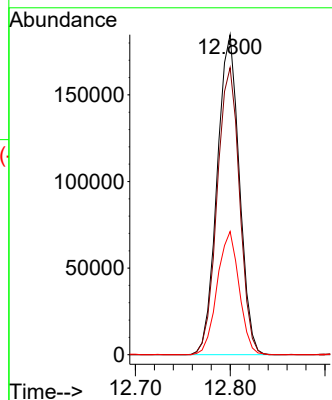
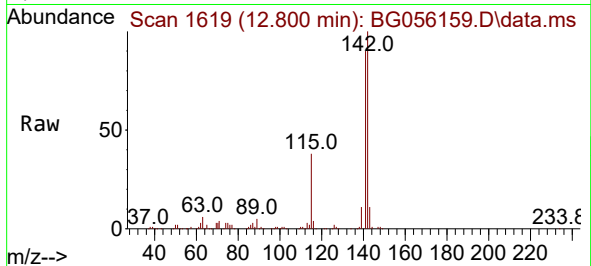




#37
2-Methylnaphthalene
Concen: 40.221 ng
RT: 12.800 min Scan# 1618
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

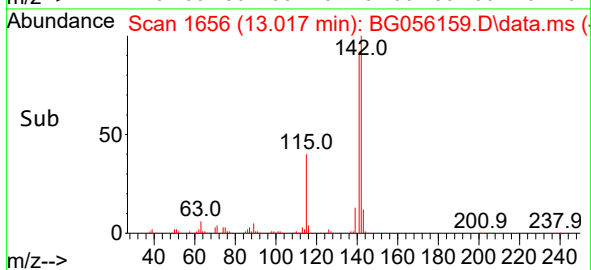
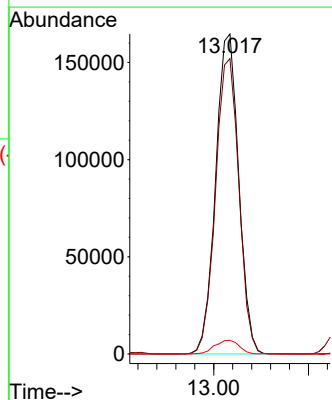
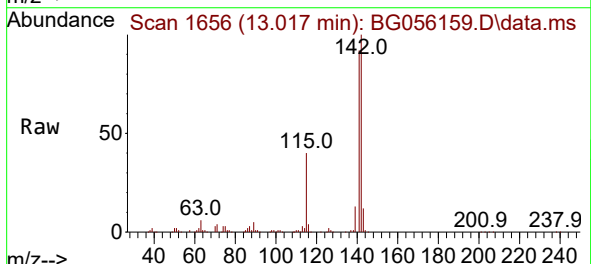
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

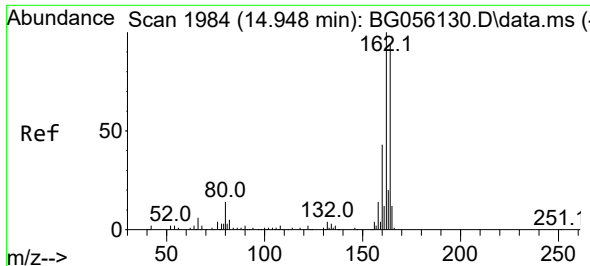
Tgt Ion:142 Resp: 300726
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.4
115 38.5 30.7 46.1



#38
1-Methylnaphthalene
Concen: 40.047 ng
RT: 13.017 min Scan# 1656
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:142 Resp: 278051
Ion Ratio Lower Upper
142 100
141 92.3 77.0 115.6
116 4.2 3.6 5.4

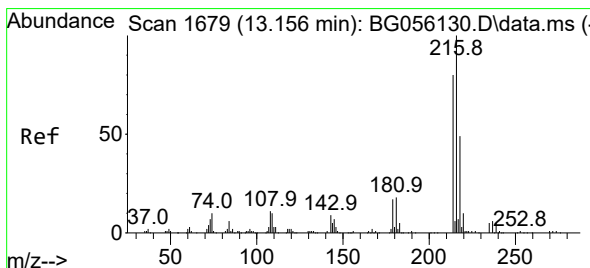
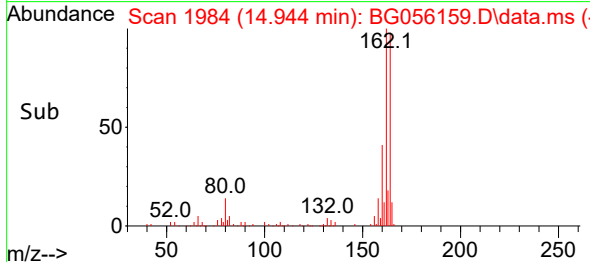
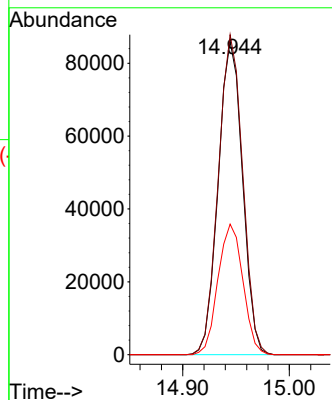
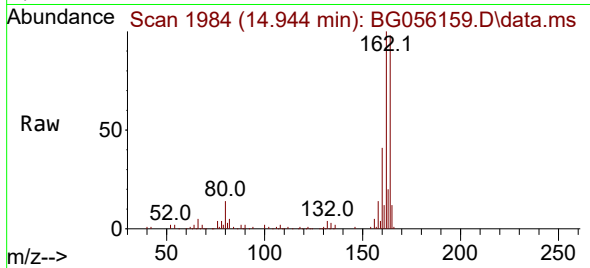




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

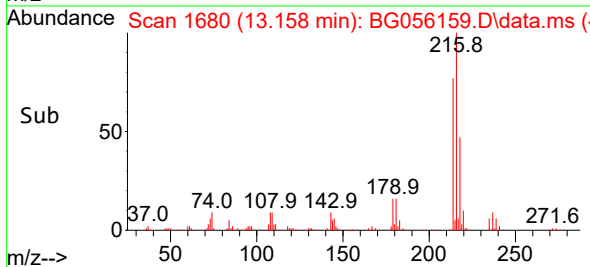
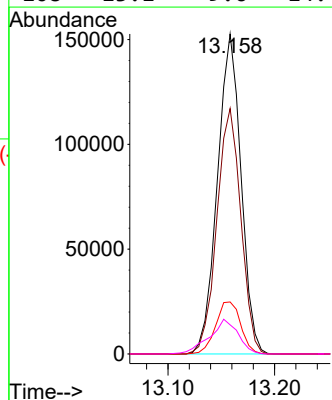
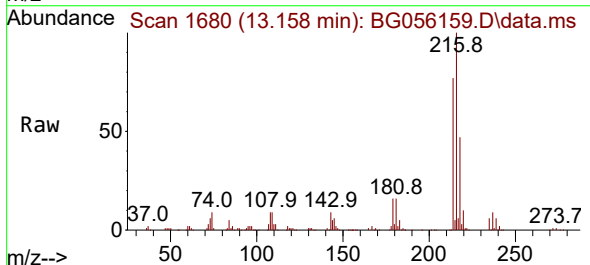
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

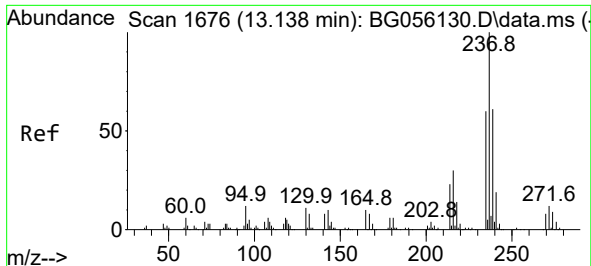
Tgt Ion:164 Resp: 135836
Ion Ratio Lower Upper
164 100
162 102.2 84.7 127.1
160 41.7 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.058 ng
RT: 13.158 min Scan# 1680
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

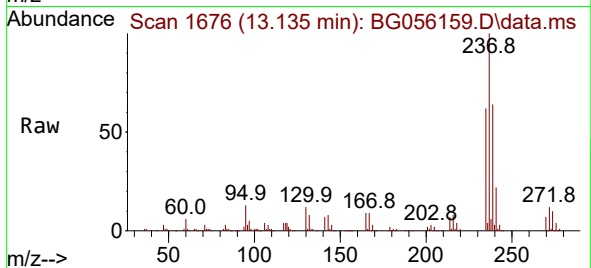
Tgt Ion:216 Resp: 234488
Ion Ratio Lower Upper
216 100
214 77.9 63.4 95.0
179 17.3 13.6 20.4
108 13.1 9.6 14.4



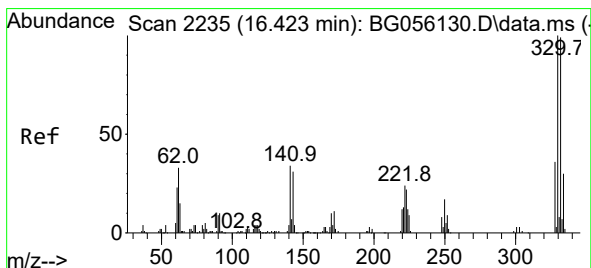
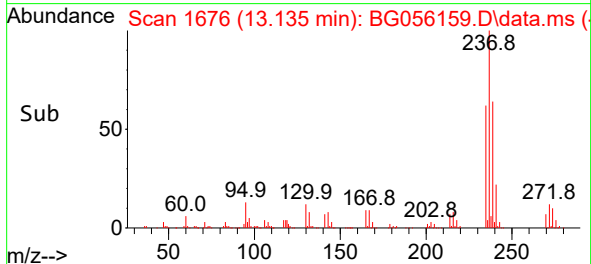
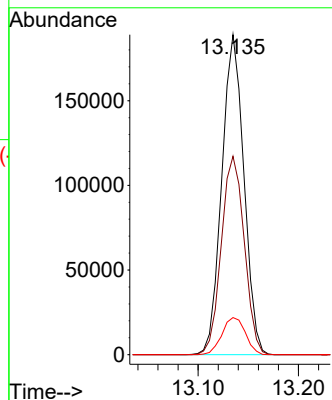


#41
Hexachlorocyclopentadiene
Concen: 99.515 ng
RT: 13.135 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

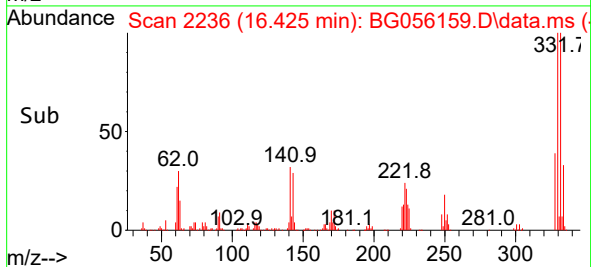
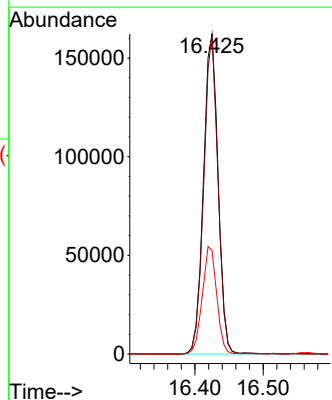
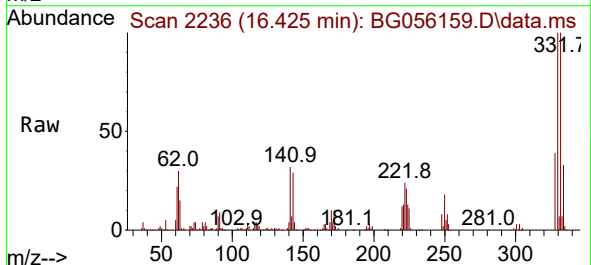


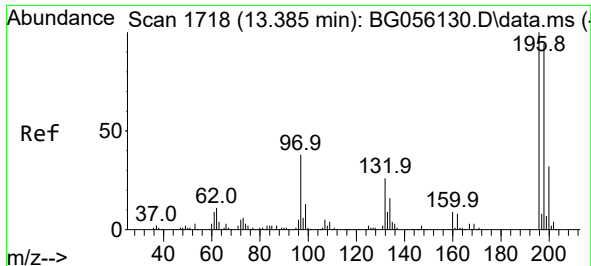
Tgt Ion:237 Resp: 288847
Ion Ratio Lower Upper
237 100
235 62.0 40.3 80.3
272 11.6 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 140.336 ng
RT: 16.425 min Scan# 2236
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:330 Resp: 241425
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 33.3 27.9 41.9

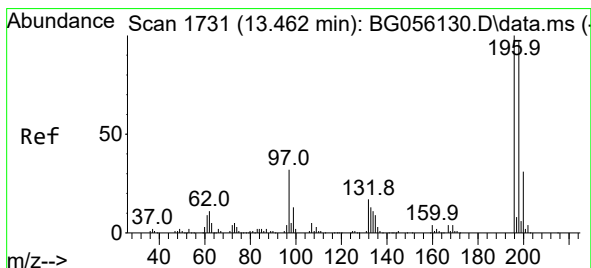
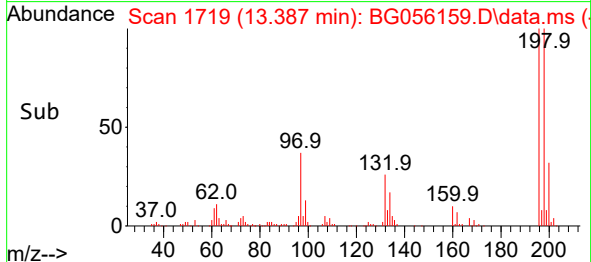
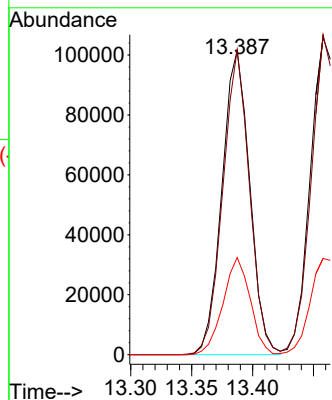
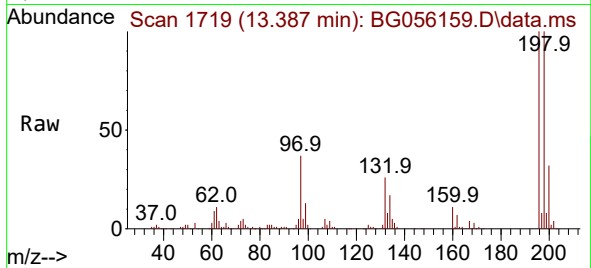




#43
 2,4,6-Trichlorophenol
 Concen: 47.869 ng
 RT: 13.387 min Scan# 1718
 Delta R.T. 0.002 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

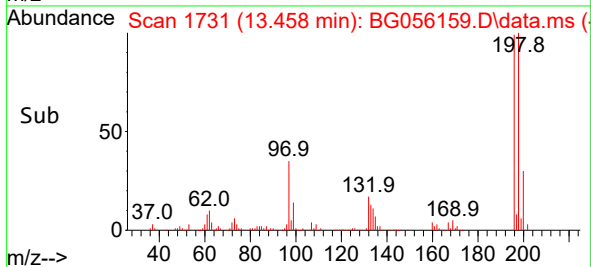
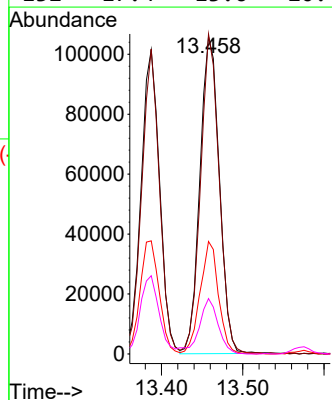
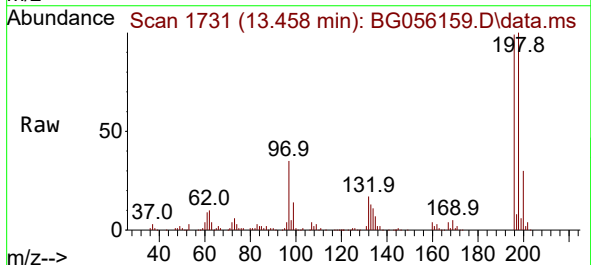
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

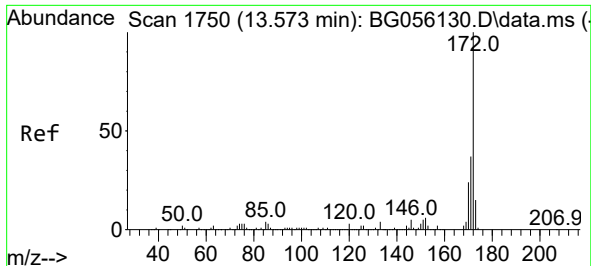
Tgt Ion:196 Resp: 161149
 Ion Ratio Lower Upper
 196 100
 198 100.3 75.5 113.3
 200 31.9 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 44.148 ng
 RT: 13.458 min Scan# 1731
 Delta R.T. -0.004 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

Tgt Ion:196 Resp: 175810
 Ion Ratio Lower Upper
 196 100
 198 100.8 78.0 117.0
 97 35.5 25.7 38.5
 132 17.4 13.6 20.4

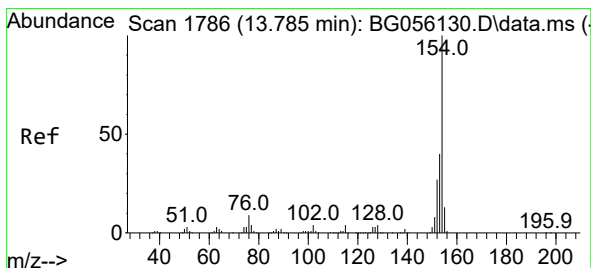
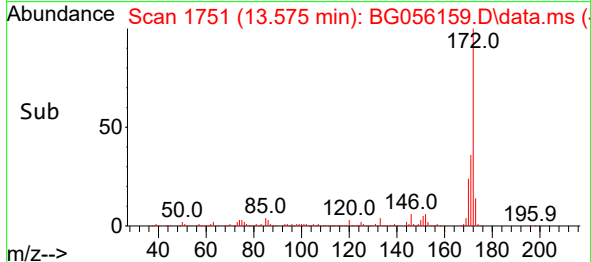
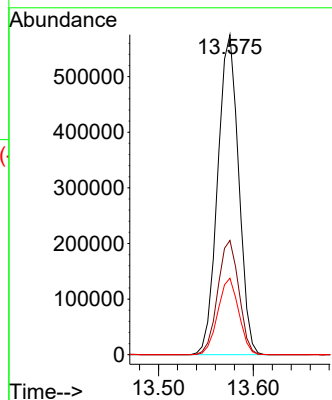
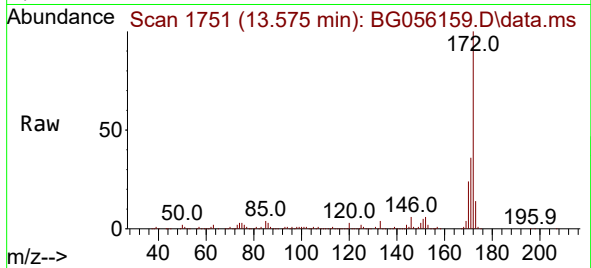




#45
2-Fluorobiphenyl
Concen: 89.830 ng
RT: 13.575 min Scan# 1750
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

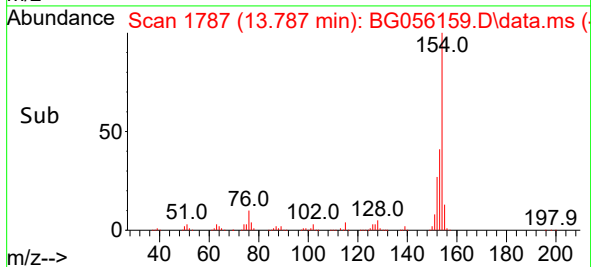
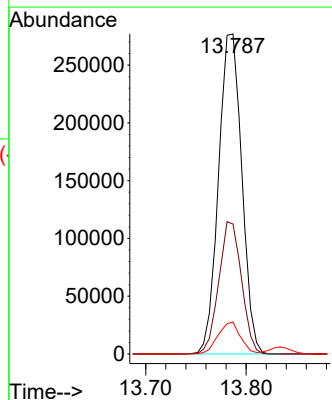
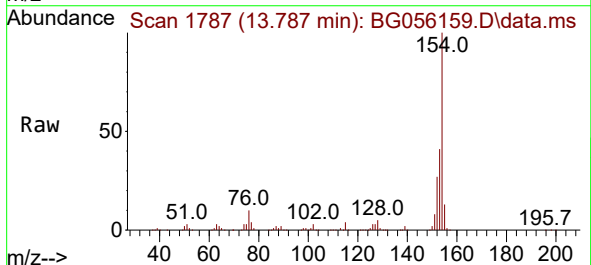
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

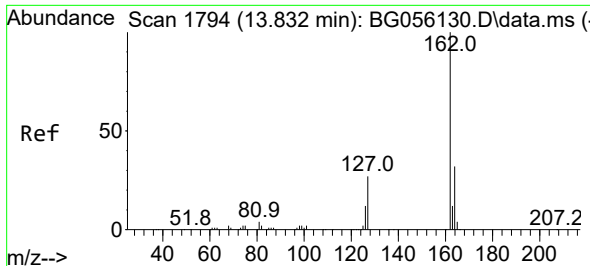
Tgt Ion:172 Resp: 883641
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.9 19.4 29.2



#46
1,1'-Biphenyl
Concen: 45.798 ng
RT: 13.787 min Scan# 1787
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:154 Resp: 445531
Ion Ratio Lower Upper
154 100
153 40.6 20.0 60.0
76 10.0 0.0 29.3

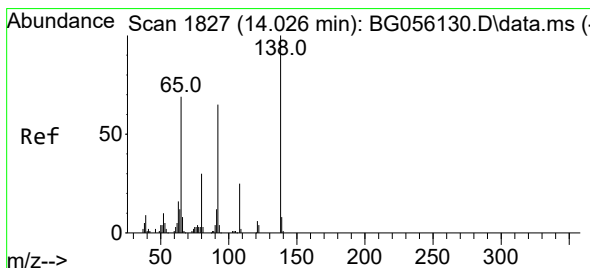
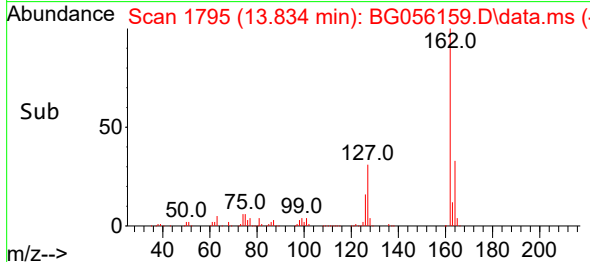
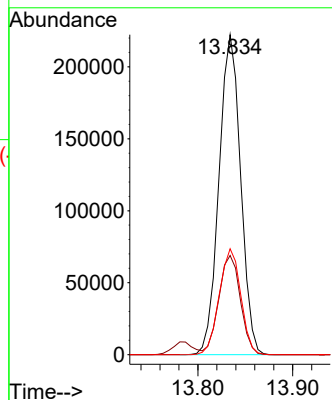
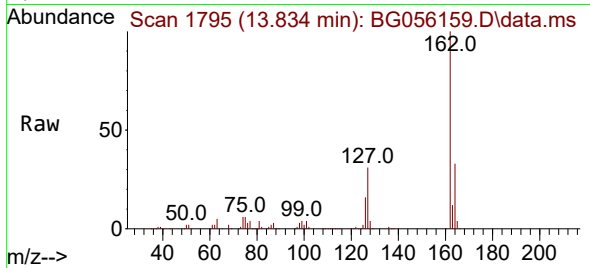




#47
2-Chloronaphthalene
Concen: 45.961 ng
RT: 13.834 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

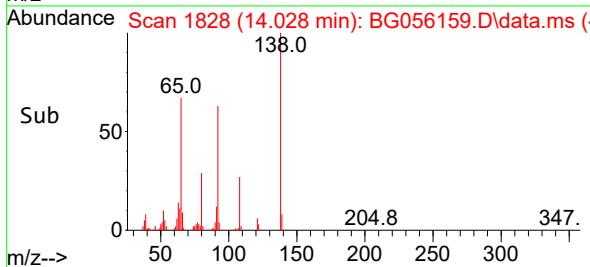
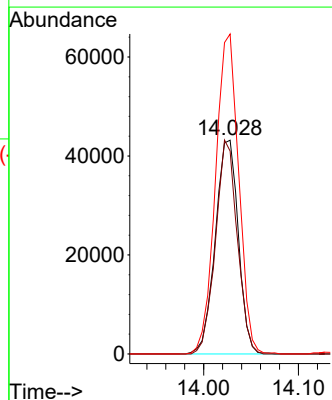
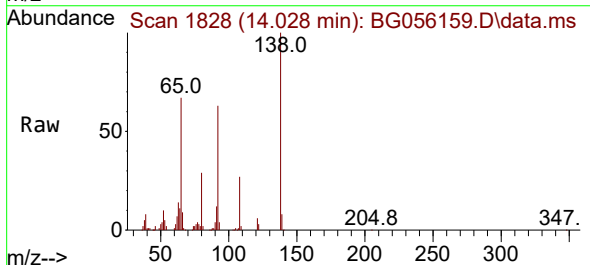
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

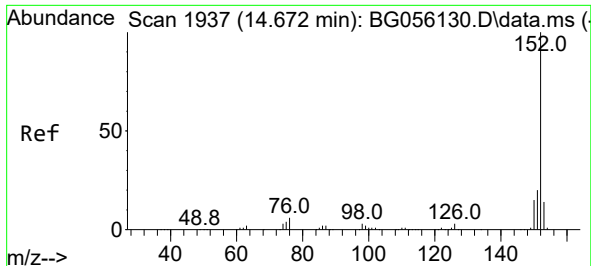
Tgt Ion:162 Resp: 352917
Ion Ratio Lower Upper
162 100
127 31.0 24.6 36.8
164 33.1 25.8 38.8



#48
2-Nitroaniline
Concen: 44.521 ng
RT: 14.028 min Scan# 1828
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion: 65 Resp: 72837
Ion Ratio Lower Upper
65 100
92 94.9 76.0 114.0
138 149.7 116.6 174.8

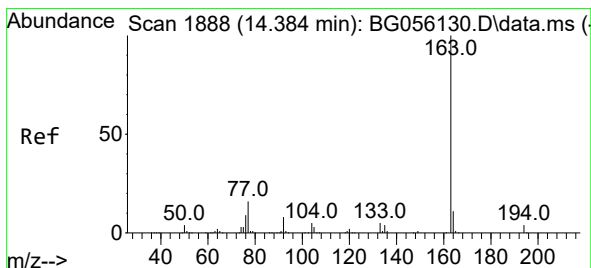
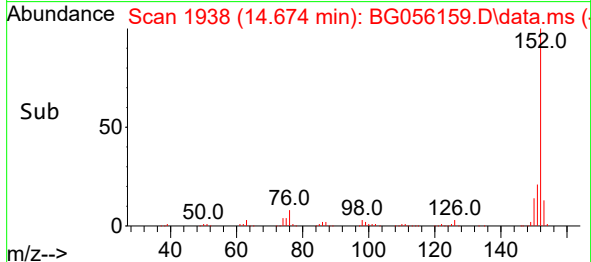
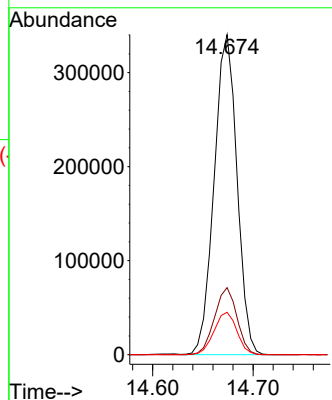
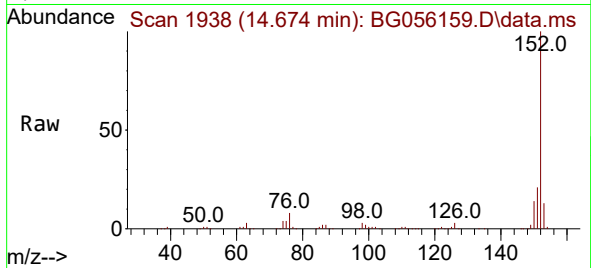




#49
Acenaphthylene
Concen: 43.058 ng
RT: 14.674 min Scan# 1937
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

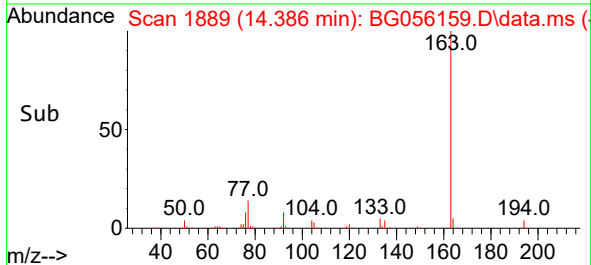
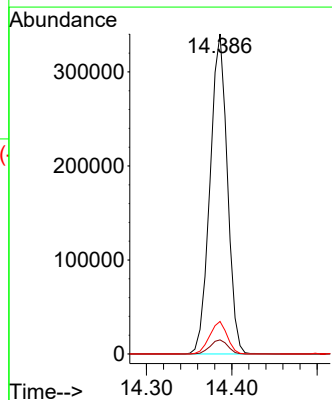
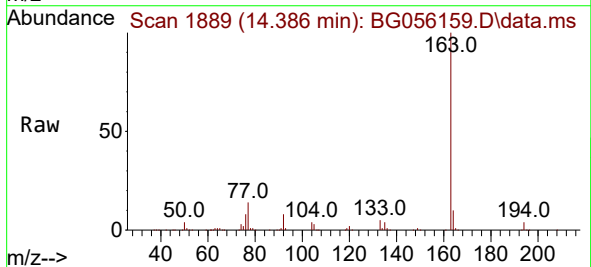
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

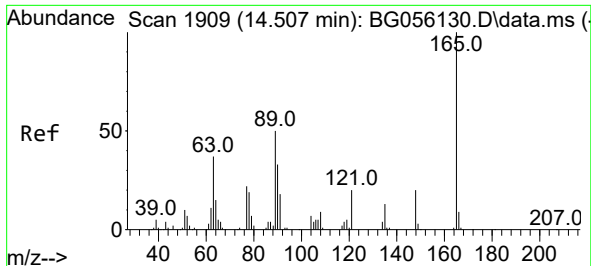
Tgt Ion:152 Resp: 538034
Ion Ratio Lower Upper
152 100
151 21.0 16.0 24.0
153 13.2 11.0 16.6



#50
Dimethylphthalate
Concen: 43.735 ng
RT: 14.386 min Scan# 1889
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:163 Resp: 479577
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.1 8.7 13.1

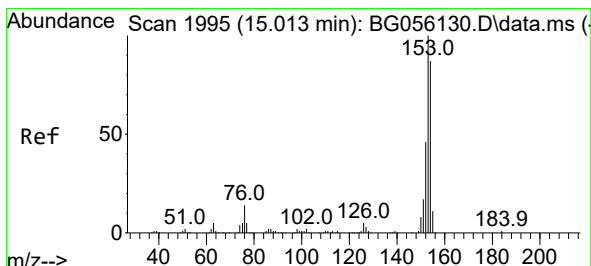
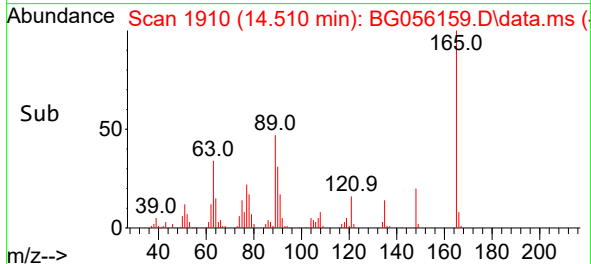
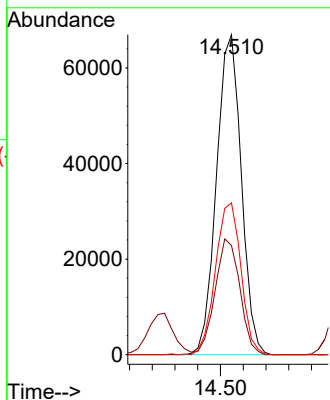
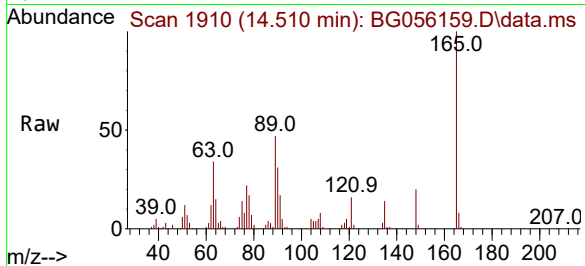




#51
2,6-Dinitrotoluene
Concen: 43.400 ng
RT: 14.510 min Scan# 1909
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

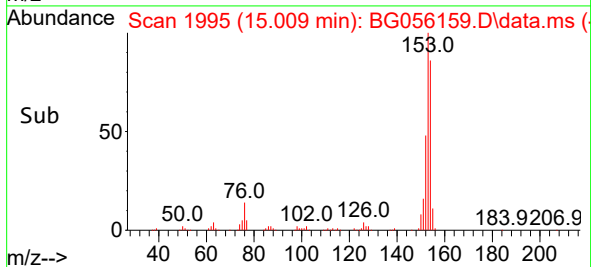
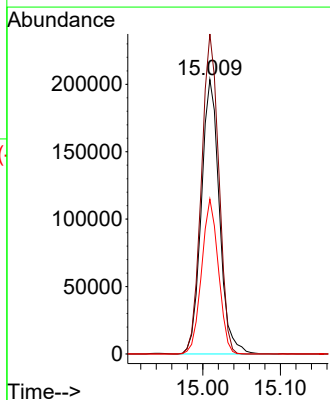
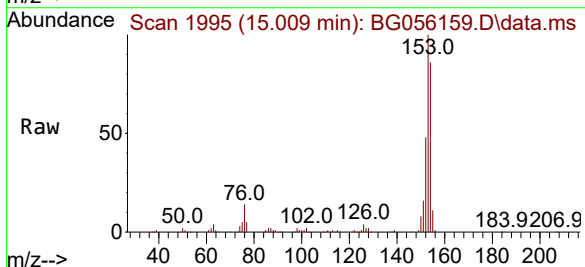
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

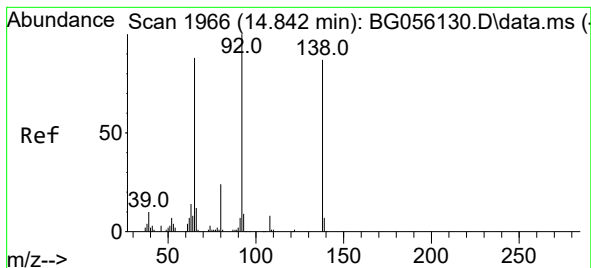
Tgt Ion:165 Resp: 101406
Ion Ratio Lower Upper
165 100
63 34.1 32.2 48.2
89 47.5 39.8 59.8



#52
Acenaphthene
Concen: 40.588 ng
RT: 15.009 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:154 Resp: 329854
Ion Ratio Lower Upper
154 100
153 116.6 92.0 138.0
152 56.4 42.5 63.7

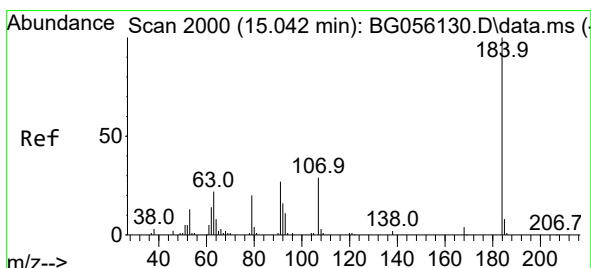
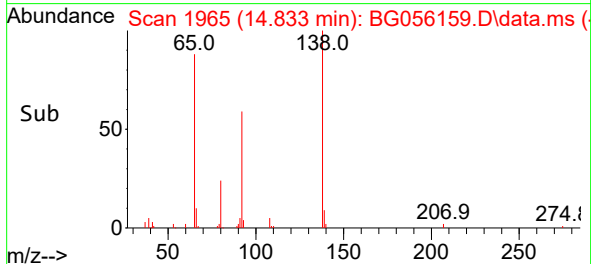
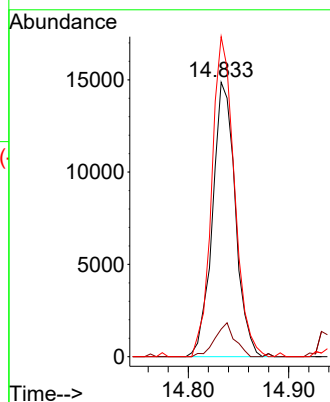
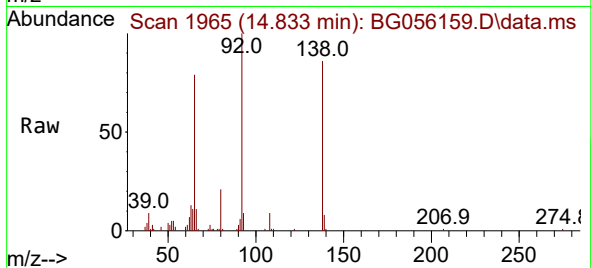




#53
3-Nitroaniline
Concen: 10.558 ng
RT: 14.833 min Scan# 1966
Delta R.T. -0.010 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

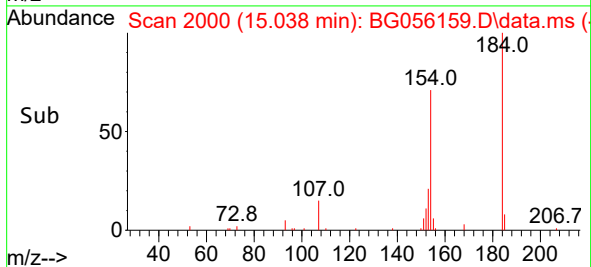
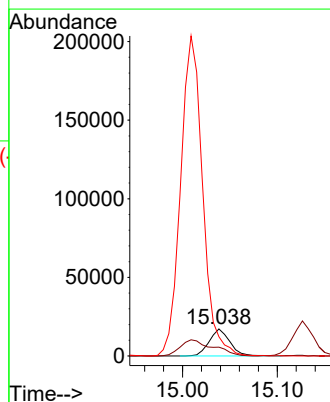
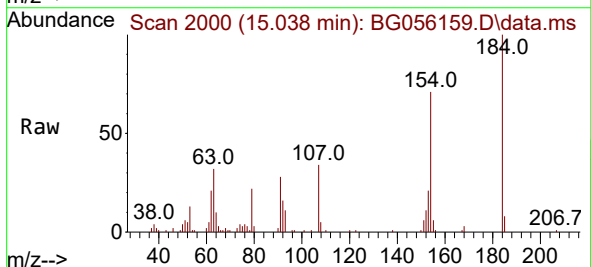
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

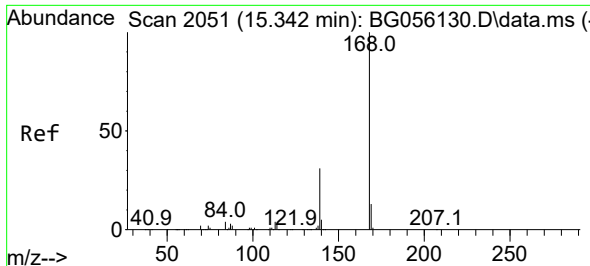
Tgt Ion:138 Resp: 23478
Ion Ratio Lower Upper
138 100
108 10.1 7.6 11.4
92 116.6 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 15.514 ng
RT: 15.038 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:184 Resp: 25896
Ion Ratio Lower Upper
184 100
63 32.3 24.0 36.0
154 70.7 45.4 68.0#

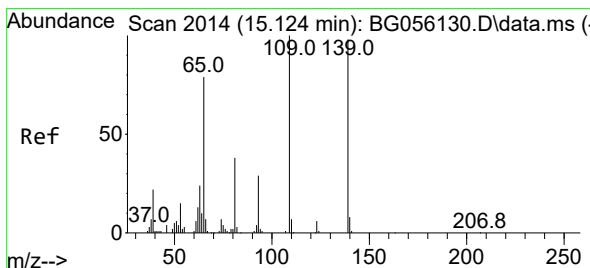
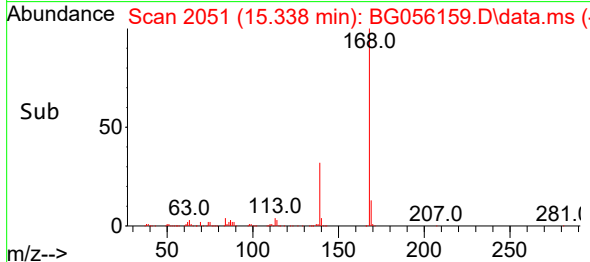
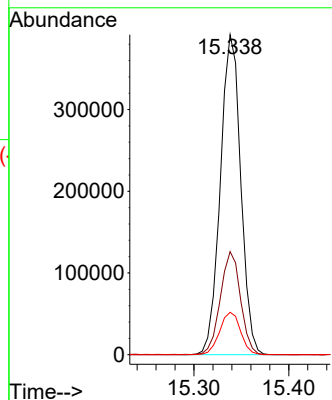
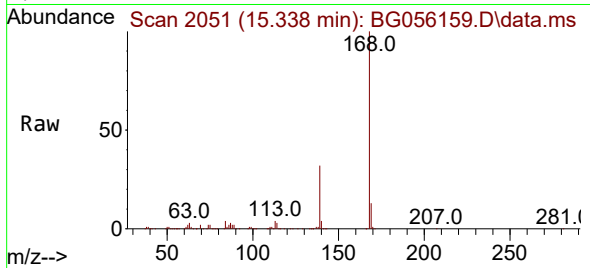




#55
Dibenzenofuran
Concen: 43.572 ng
RT: 15.338 min Scan# 2051
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

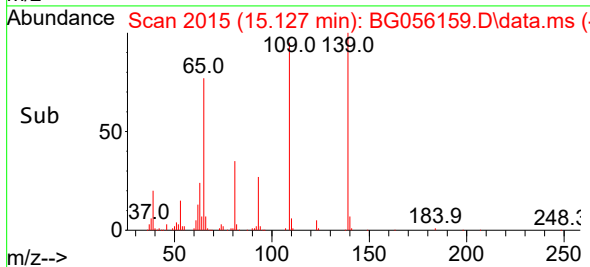
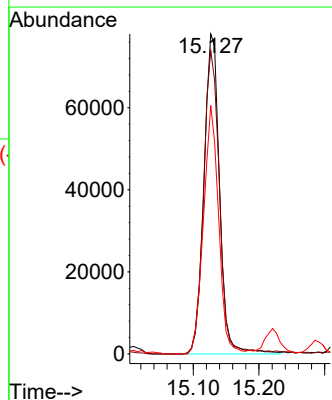
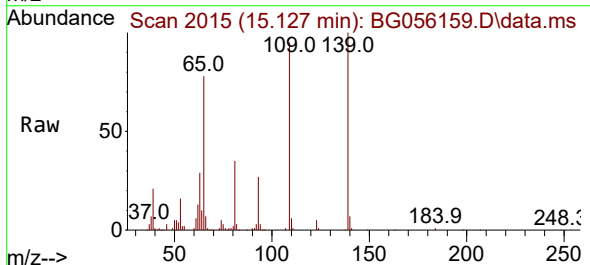
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

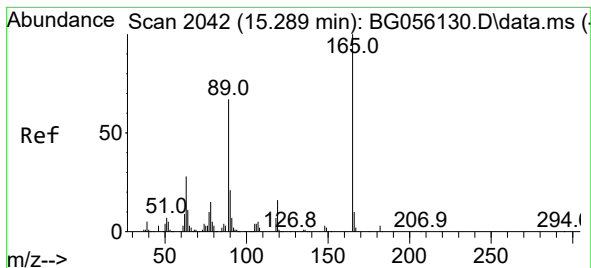
Tgt Ion:168 Resp: 585985
Ion Ratio Lower Upper
168 100
139 32.2 24.7 37.1
169 13.3 10.3 15.5



#56
4-Nitrophenol
Concen: 75.910 ng
RT: 15.127 min Scan# 2015
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:139 Resp: 129824
Ion Ratio Lower Upper
139 100
109 94.8 82.2 122.2
65 77.7 60.6 100.6

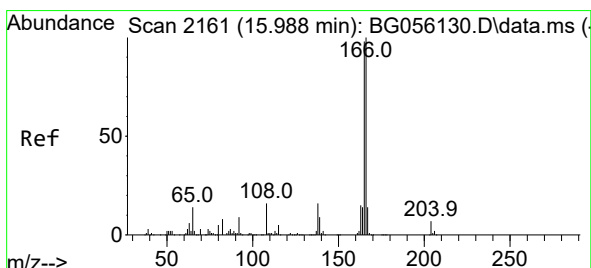
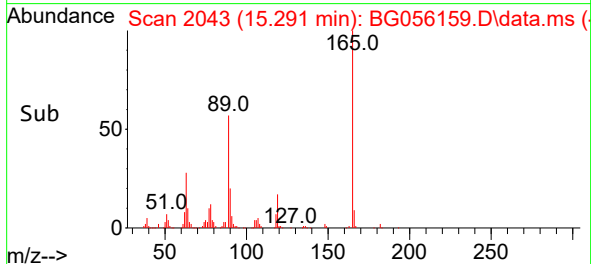
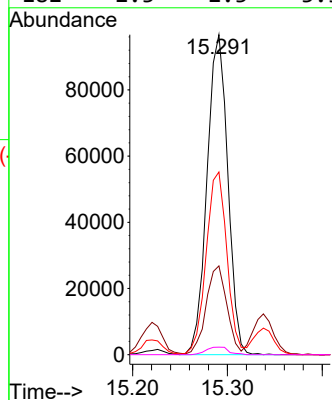
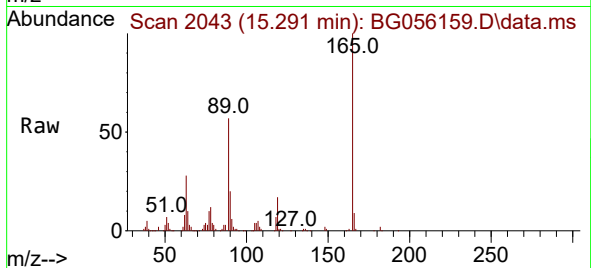




#57
2,4-Dinitrotoluene
Concen: 45.007 ng
RT: 15.291 min Scan# 2043
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

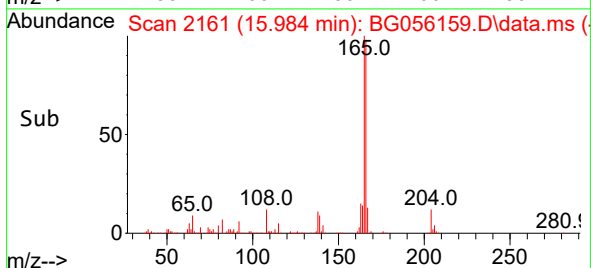
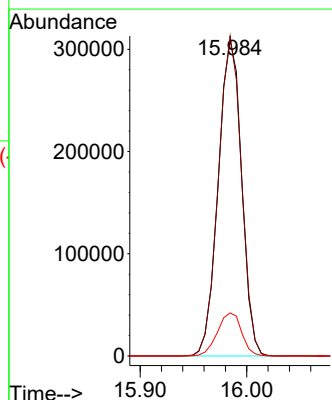
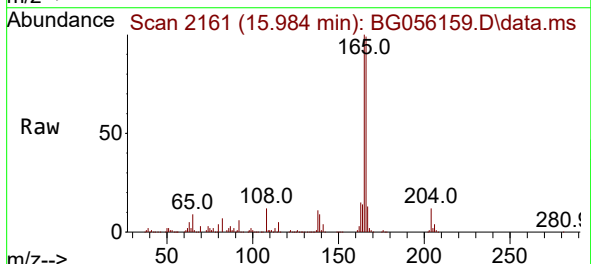
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

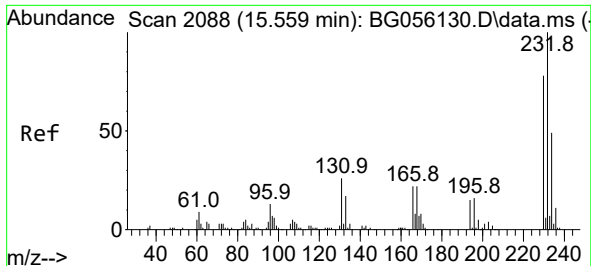
Tgt Ion:165 Resp: 147070
Ion Ratio Lower Upper
165 100
63 27.7 22.6 34.0
89 57.1 53.2 79.8
182 2.3 2.3 3.5



#58
Fluorene
Concen: 43.474 ng
RT: 15.984 min Scan# 2161
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:166 Resp: 470251
Ion Ratio Lower Upper
166 100
165 101.4 78.6 118.0
167 13.7 11.1 16.7

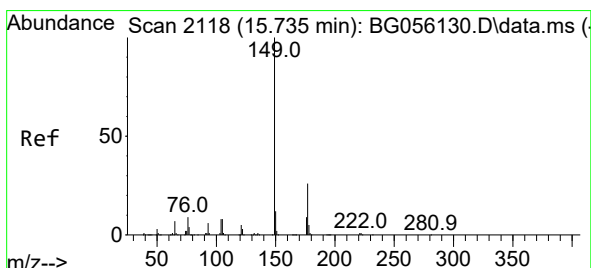
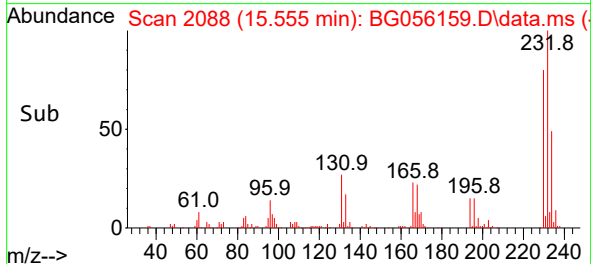
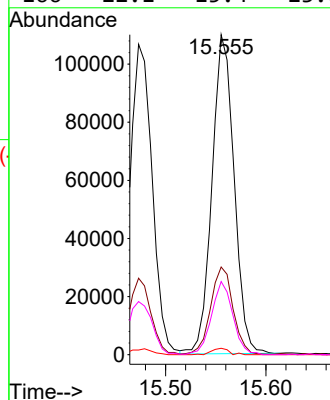
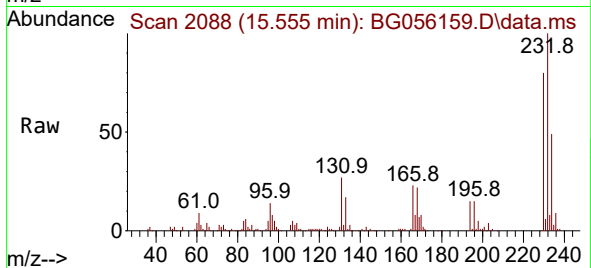




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.882 ng
RT: 15.555 min Scan# 2088
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

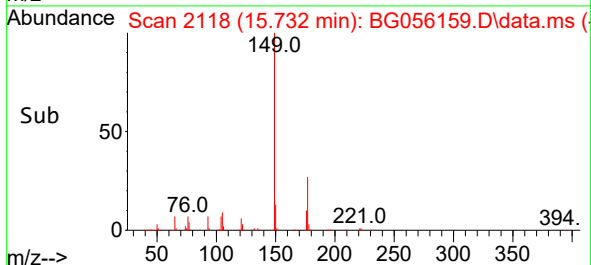
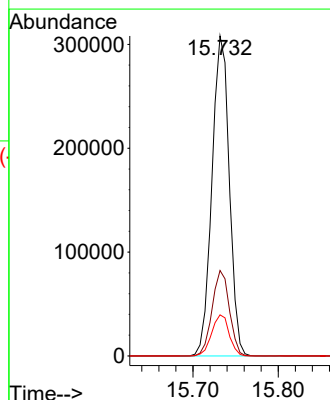
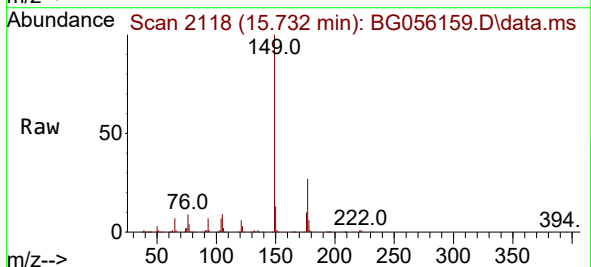
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

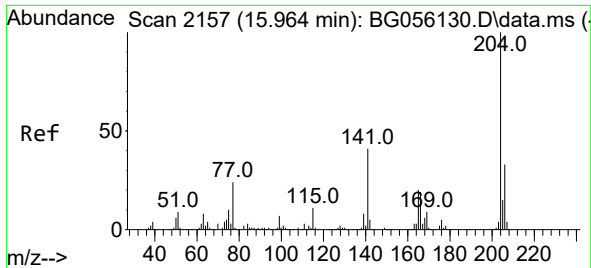
Tgt Ion:232 Resp: 167820
Ion Ratio Lower Upper
232 100
131 27.7 21.4 32.2
130 1.5 1.4 2.0
166 22.1 15.4 23.0



#60
Diethylphthalate
Concen: 42.380 ng
RT: 15.732 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:149 Resp: 435819
Ion Ratio Lower Upper
149 100
177 26.7 20.6 31.0
150 12.8 9.9 14.9

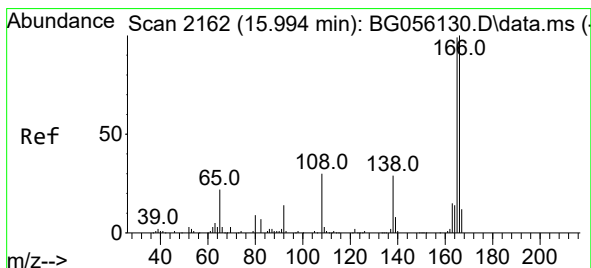
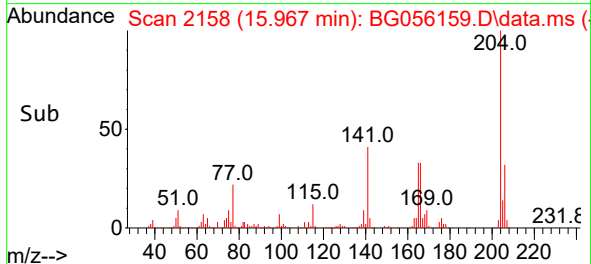
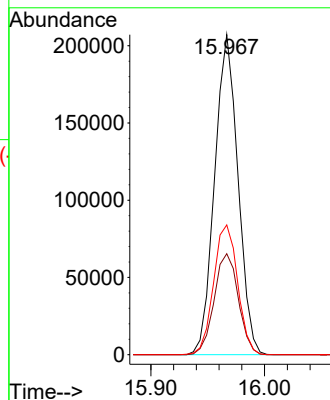
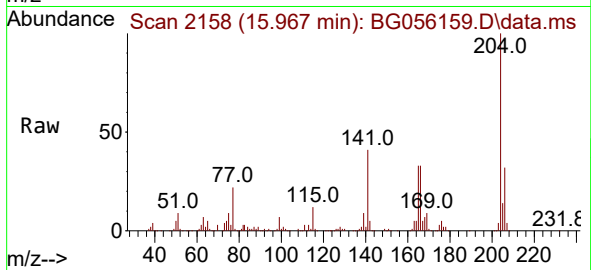




#61
4-Chlorophenyl-phenylether
Concen: 43.764 ng
RT: 15.967 min Scan# 2158
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

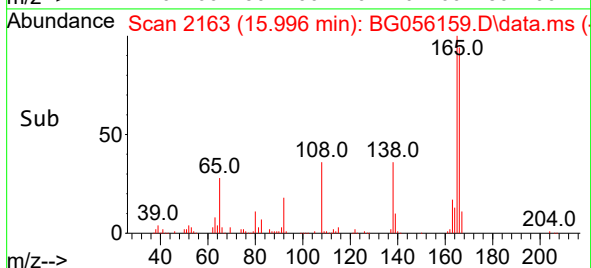
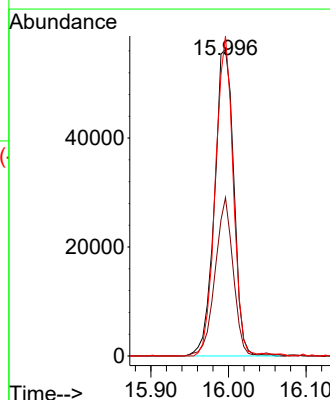
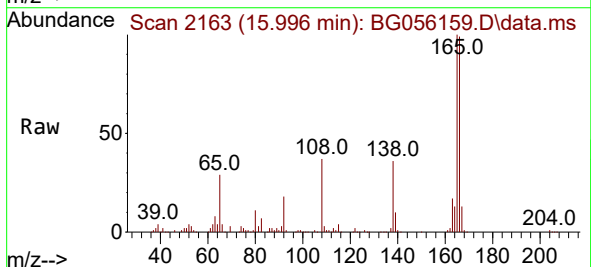
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

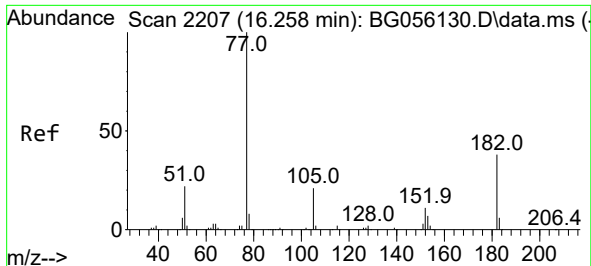
Tgt Ion:204 Resp: 295429
Ion Ratio Lower Upper
204 100
206 31.5 26.4 39.6
141 40.6 33.0 49.4



#62
4-Nitroaniline
Concen: 42.570 ng
RT: 15.996 min Scan# 2163
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:138 Resp: 96968
Ion Ratio Lower Upper
138 100
92 51.6 28.6 68.6
108 104.3 83.4 123.4

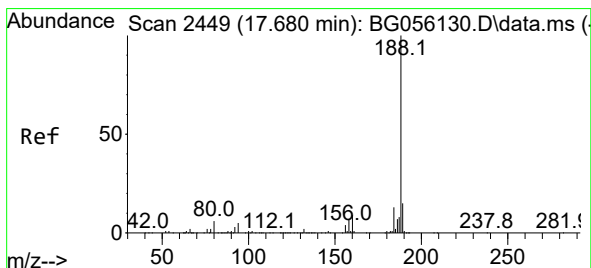
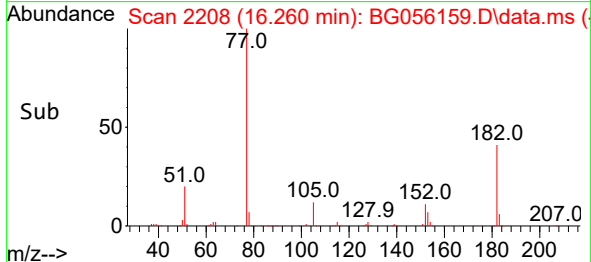
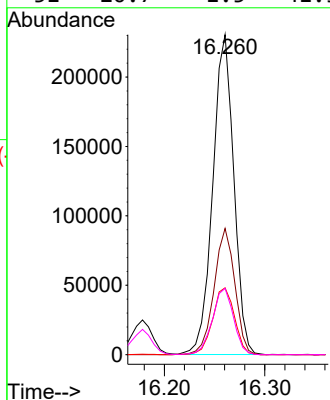
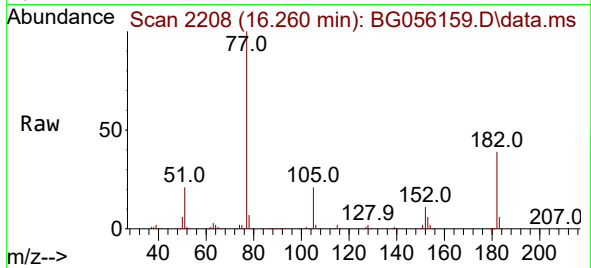




#63
Azobenzene
Concen: 42.174 ng
RT: 16.260 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

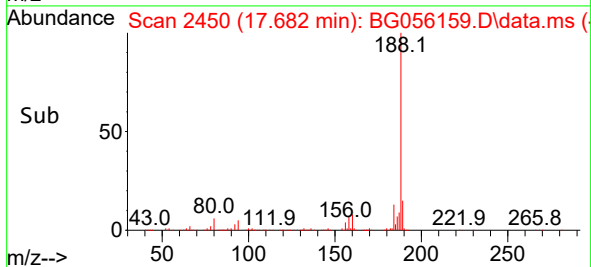
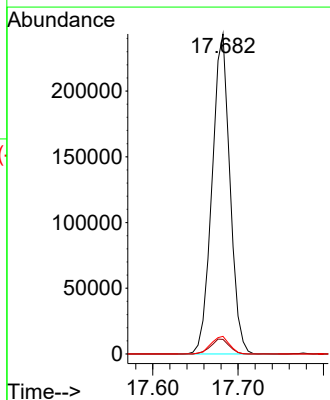
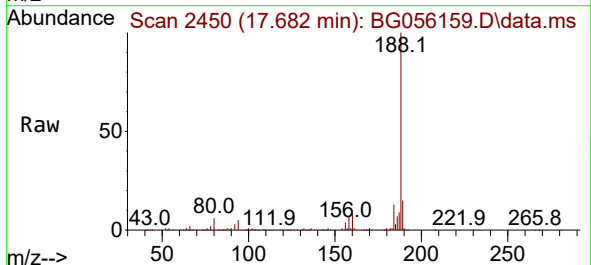
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

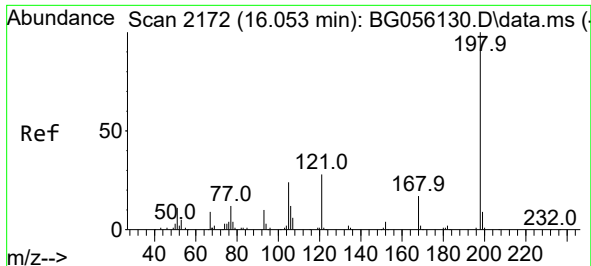
Tgt Ion: 77 Resp: 334677
Ion Ratio Lower Upper
77 100
182 39.4 18.5 58.5
105 20.9 1.4 41.4
51 20.7 1.5 41.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.682 min Scan# 2450
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion: 188 Resp: 354579
Ion Ratio Lower Upper
188 100
94 4.5 4.2 6.2
80 5.5 5.0 7.4

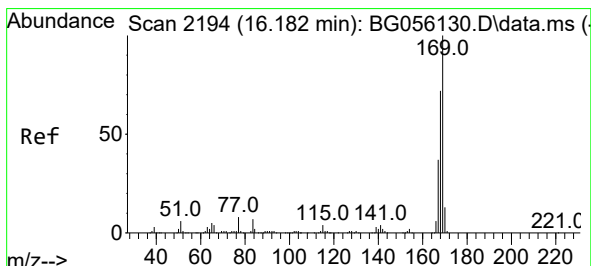
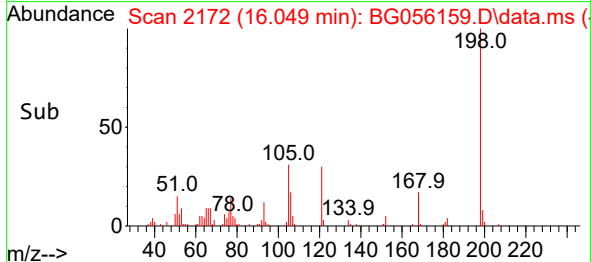
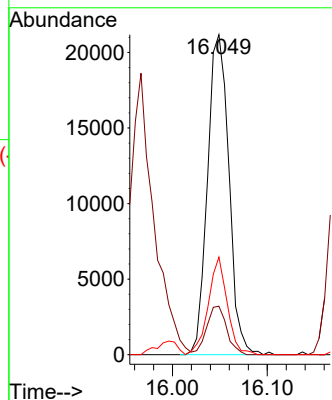
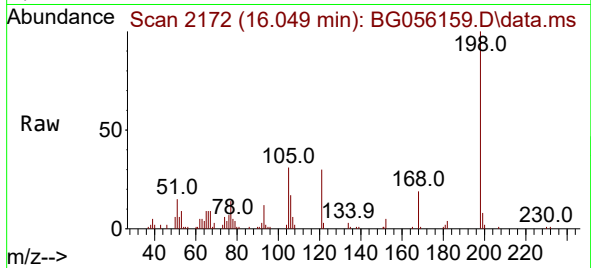




#65
4,6-Dinitro-2-methylphenol
Concen: 13.883 ng
RT: 16.049 min Scan# 2172
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

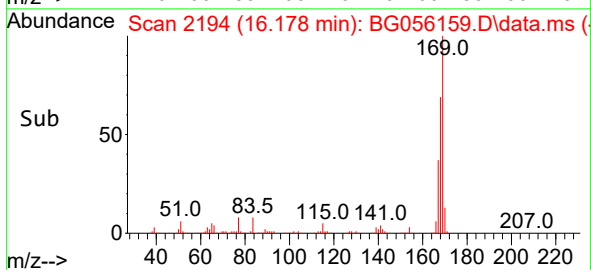
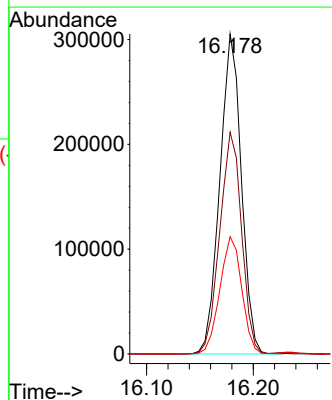
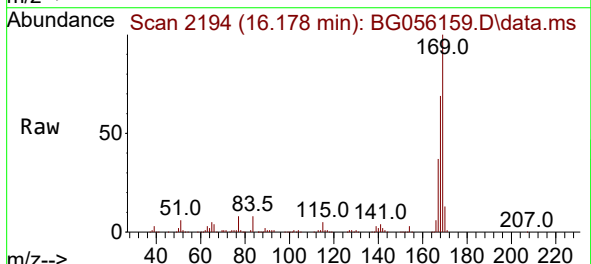
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

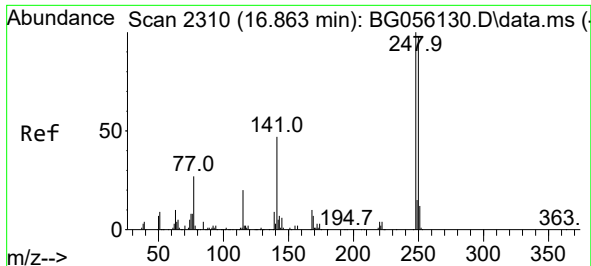
Tgt Ion:198 Resp: 33166
Ion Ratio Lower Upper
198 100
51 15.1 0.0 33.2
105 30.5 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 43.463 ng
RT: 16.178 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:169 Resp: 427590
Ion Ratio Lower Upper
169 100
168 69.3 58.0 87.0
167 36.7 30.0 45.0

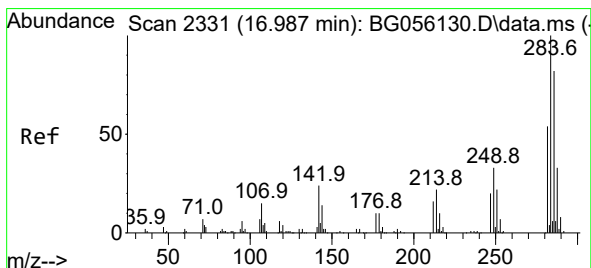
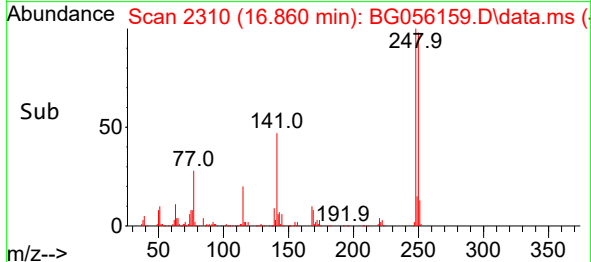
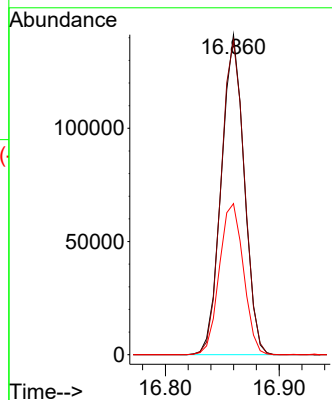
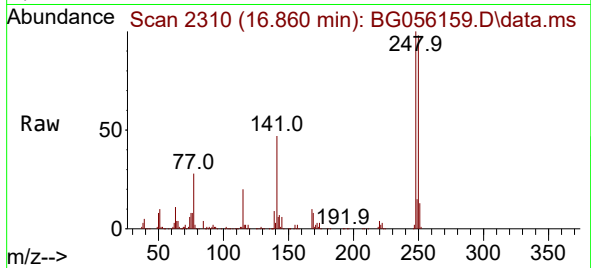




#67
4-Bromophenyl-phenylether
Concen: 43.724 ng
RT: 16.860 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

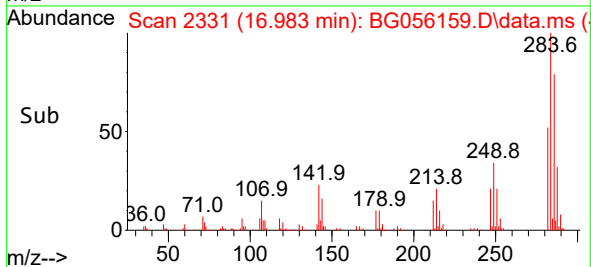
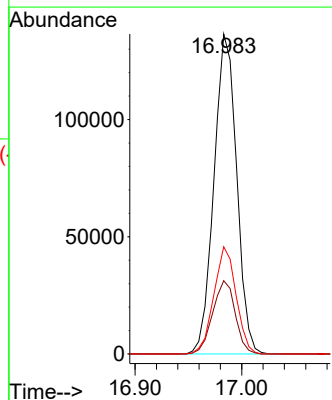
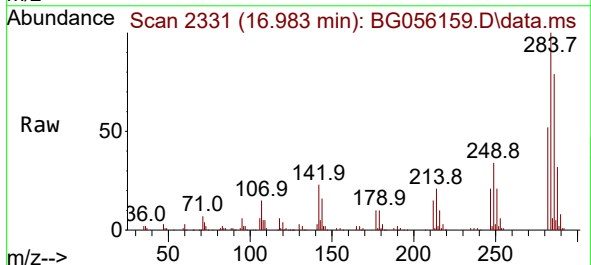
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

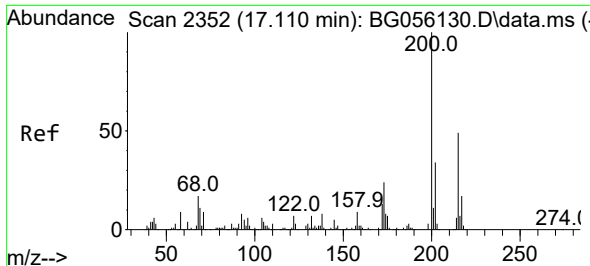
Tgt Ion:248 Resp: 197421
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.4
141 47.2 37.6 56.4



#68
Hexachlorobenzene
Concen: 47.798 ng
RT: 16.983 min Scan# 2331
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:284 Resp: 201354
Ion Ratio Lower Upper
284 100
142 22.9 19.0 28.6
249 33.5 26.6 39.8

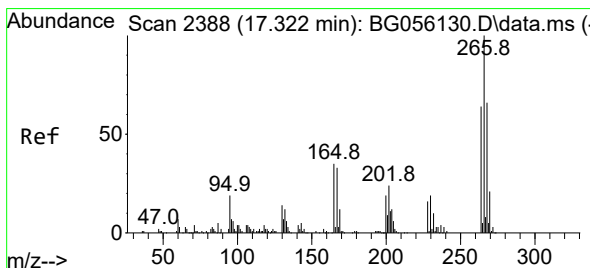
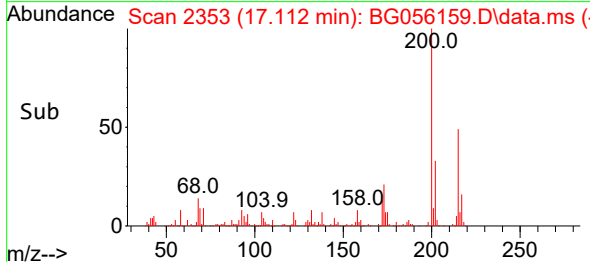
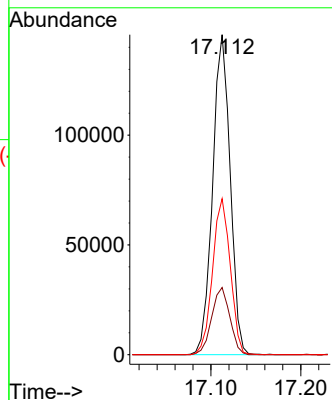
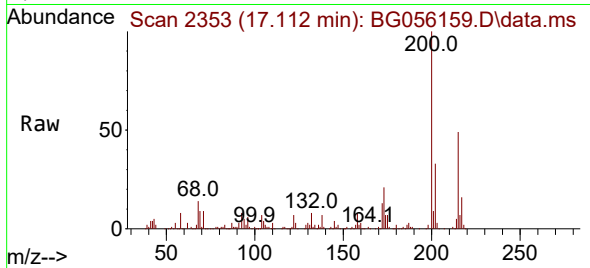




#69
 Atrazine
 Concen: 48.512 ng
 RT: 17.112 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

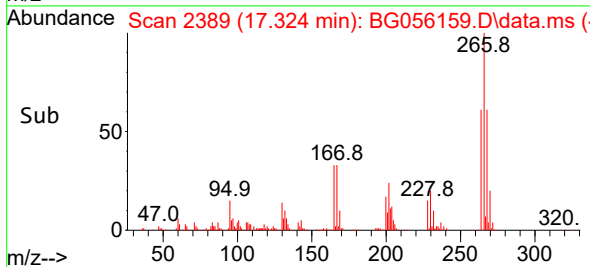
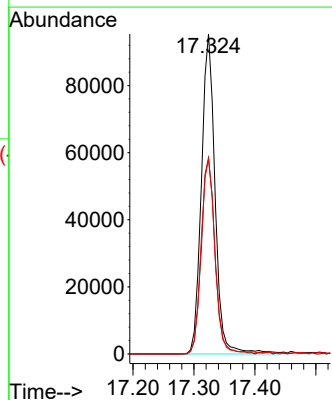
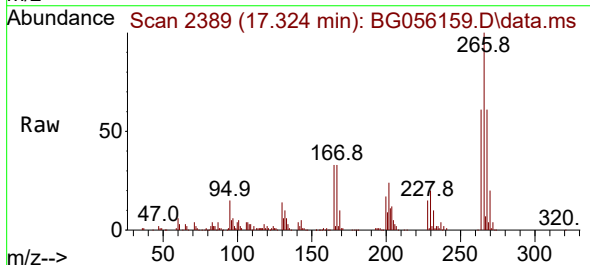
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

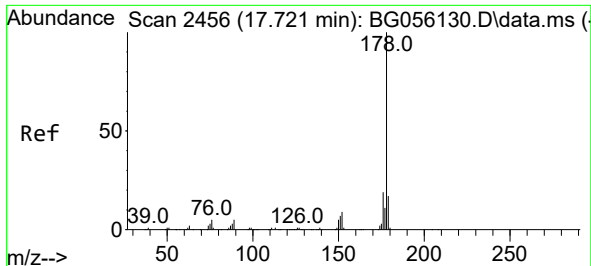
Tgt Ion:200 Resp: 197796
 Ion Ratio Lower Upper
 200 100
 173 21.0 4.0 44.0
 215 48.7 29.1 69.1



#70
 Pentachlorophenol
 Concen: 45.992 ng
 RT: 17.324 min Scan# 2389
 Delta R.T. 0.002 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

Tgt Ion:266 Resp: 148829
 Ion Ratio Lower Upper
 266 100
 268 65.7 53.0 79.4
 264 61.1 51.4 77.2

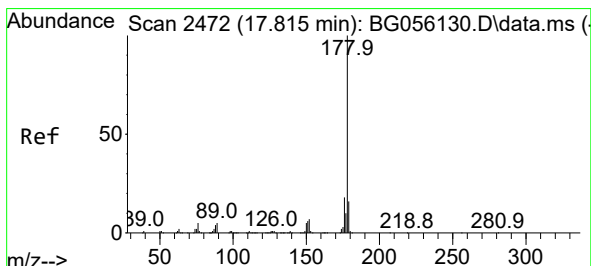
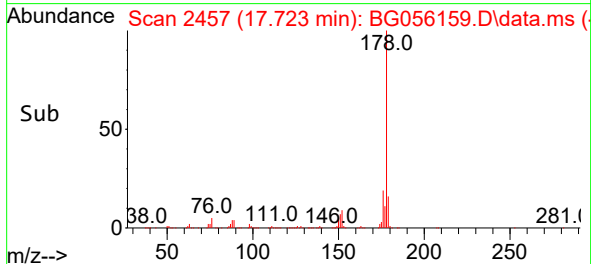
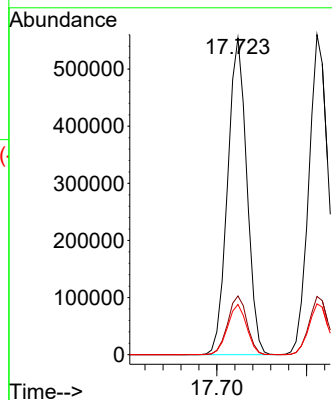
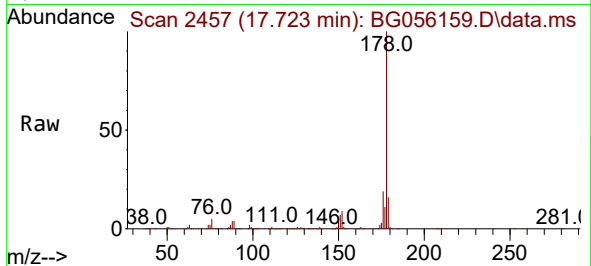




#71
Phenanthrene
Concen: 44.710 ng
RT: 17.723 min Scan# 2456
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

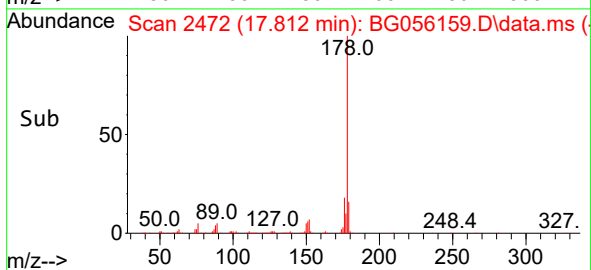
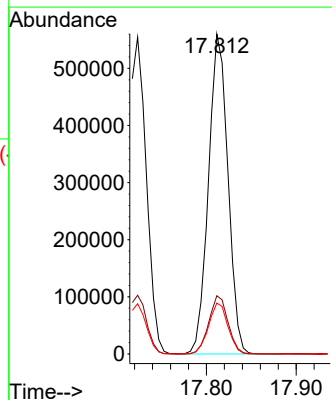
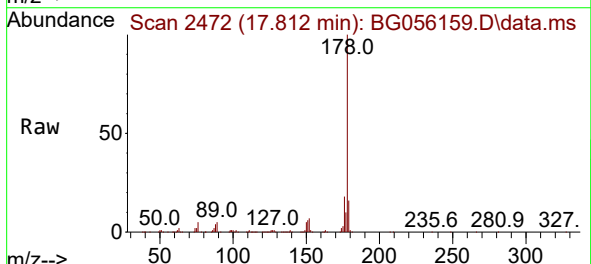
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

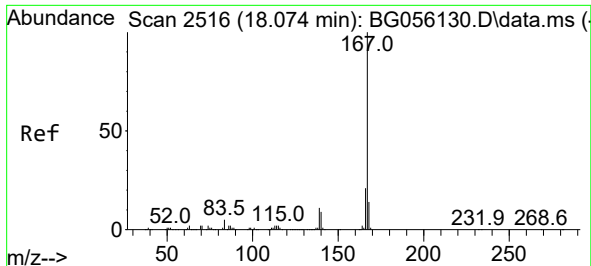
Tgt Ion:178 Resp: 821564
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.9 13.6 20.4



#72
Anthracene
Concen: 44.468 ng
RT: 17.812 min Scan# 2472
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:178 Resp: 842911
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.9 12.7 19.1

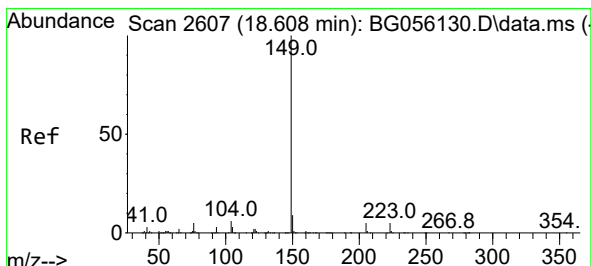
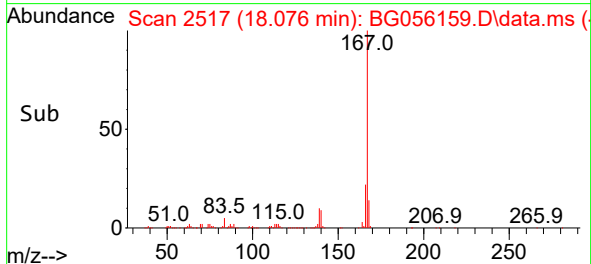
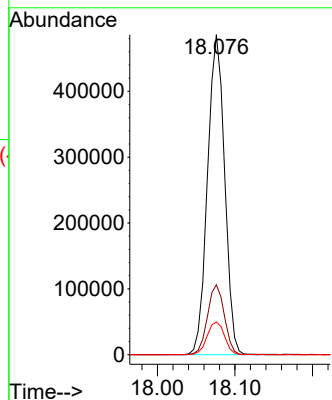
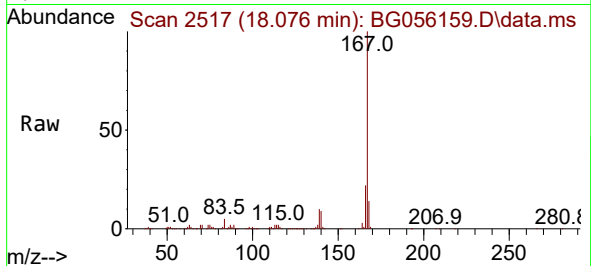




#73
 Carbazole
 Concen: 46.743 ng
 RT: 18.076 min Scan# 2516
 Delta R.T. 0.002 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

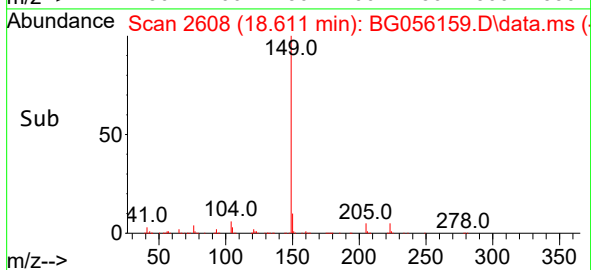
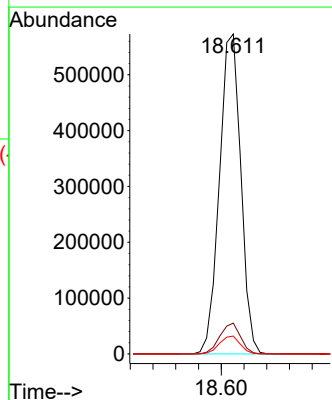
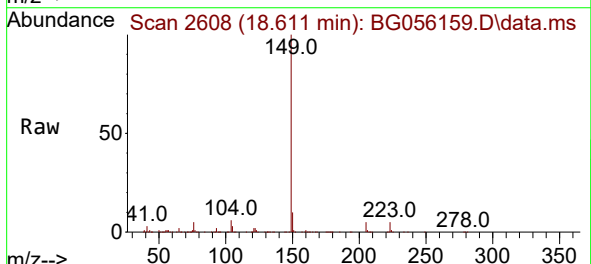
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

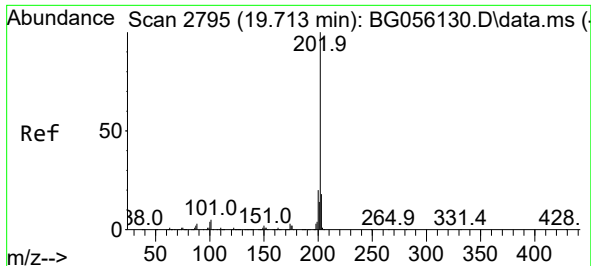
Tgt Ion:167 Resp: 744781
 Ion Ratio Lower Upper
 167 100
 166 21.9 16.8 25.2
 139 10.2 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 47.191 ng
 RT: 18.611 min Scan# 2608
 Delta R.T. 0.002 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

Tgt Ion:149 Resp: 749546
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 5.6 4.4 6.6

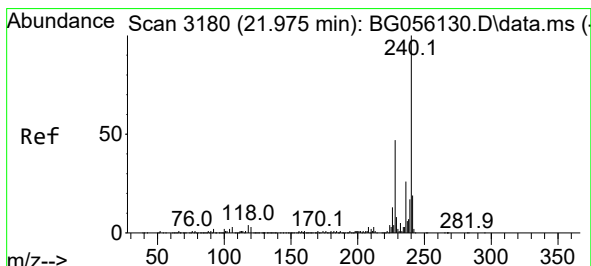
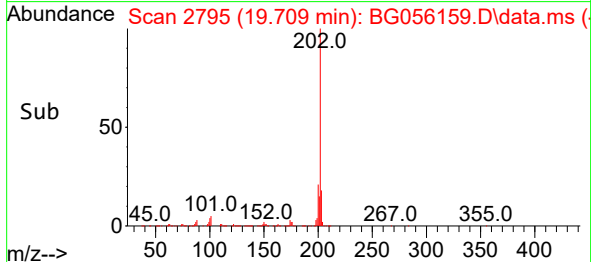
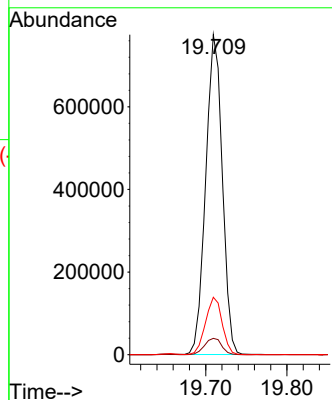
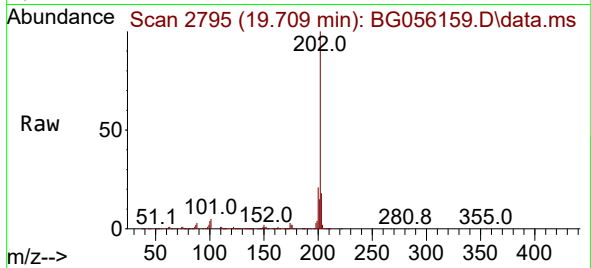




#75
Fluoranthene
Concen: 45.754 ng
RT: 19.709 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

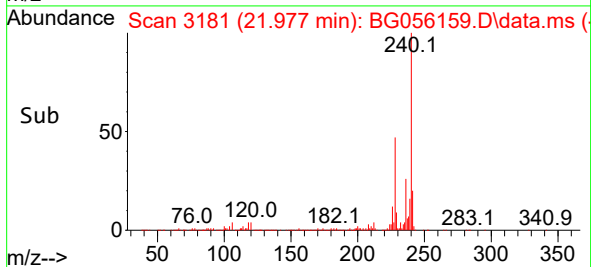
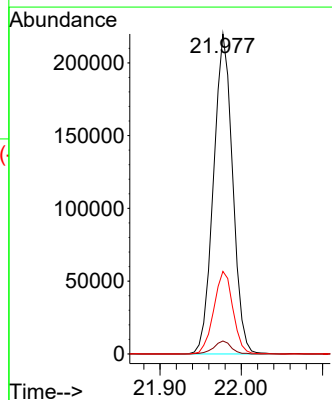
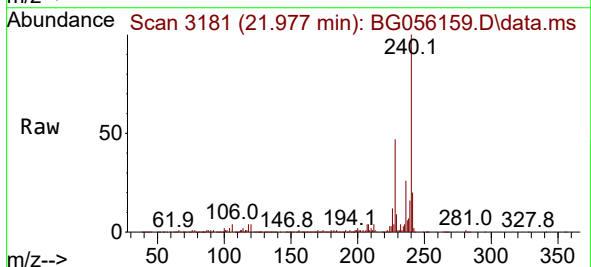
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

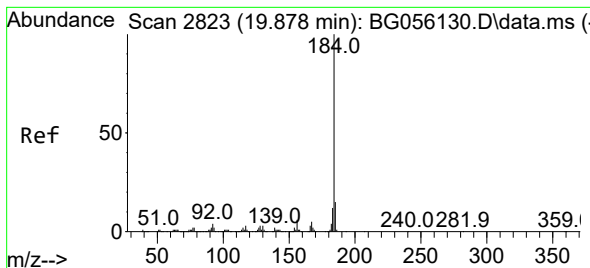
Tgt Ion:202 Resp: 1096685
Ion Ratio Lower Upper
202 100
101 5.1 0.0 25.0
203 18.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.977 min Scan# 3181
Delta R.T. 0.002 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:240 Resp: 360232
Ion Ratio Lower Upper
240 100
120 4.0 2.6 4.0#
236 25.8 20.8 31.2





#77

Benzidine

Concen: 10.526 ng

RT: 19.874 min Scan# 2823

Delta R.T. -0.004 min

Lab File: BG056159.D

Acq: 29 Dec 2022 18:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

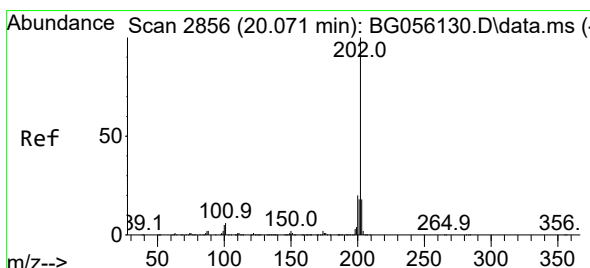
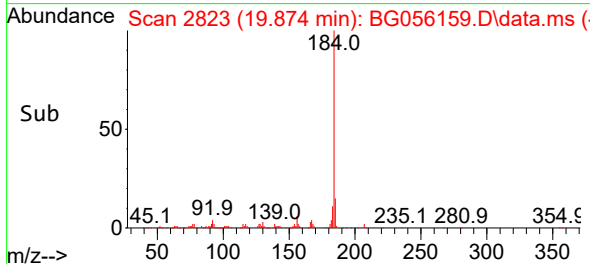
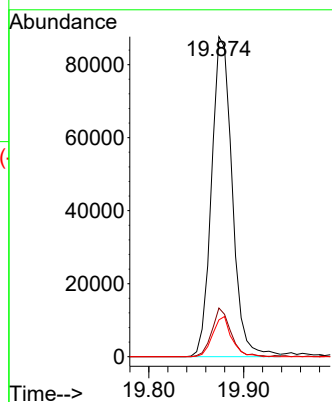
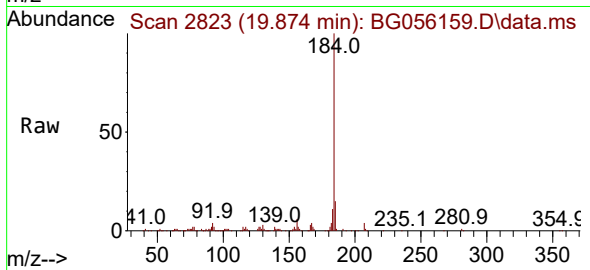
Tgt Ion:184 Resp: 132875

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

183 11.5 9.4 14.0



#78

Pyrene

Concen: 44.018 ng

RT: 20.074 min Scan# 2857

Delta R.T. 0.002 min

Lab File: BG056159.D

Acq: 29 Dec 2022 18:15

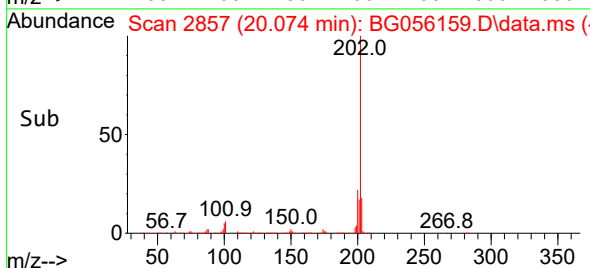
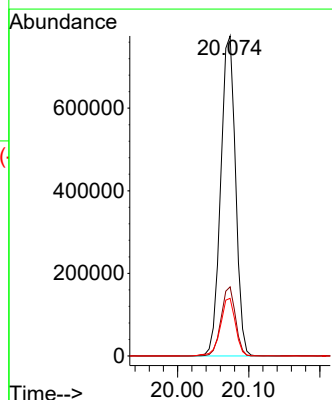
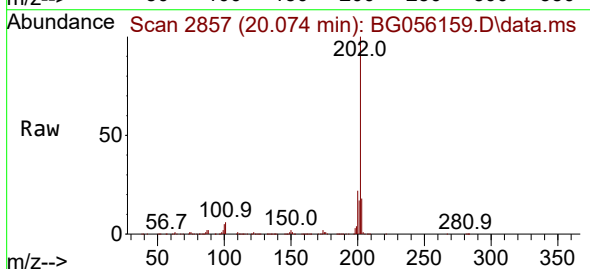
Tgt Ion:202 Resp: 1117644

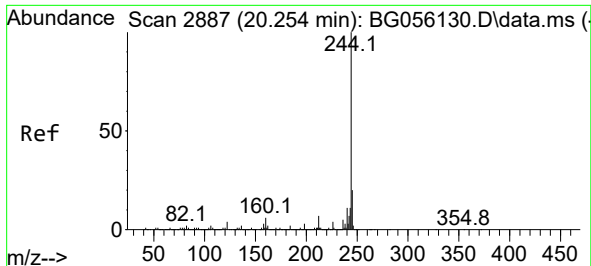
Ion Ratio Lower Upper

202 100

200 21.6 16.4 24.6

203 18.0 14.3 21.5

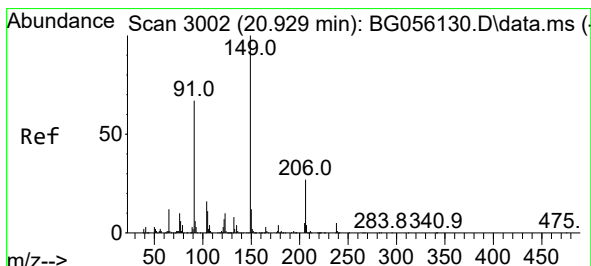
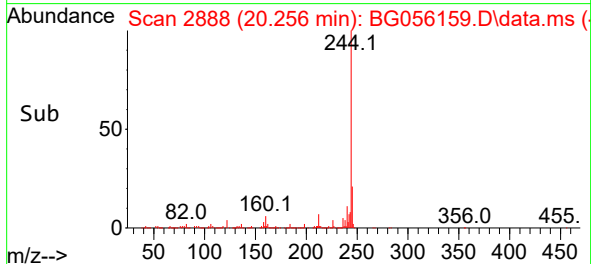
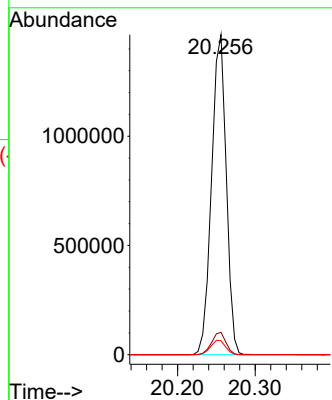
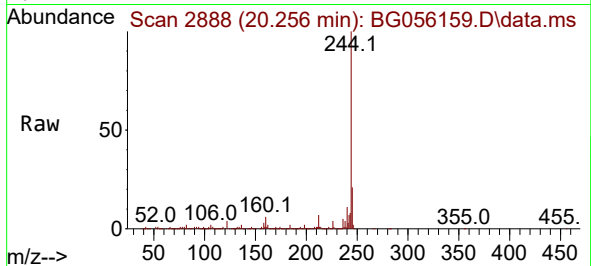




#79
 Terphenyl-d14
 Concen: 95.826 ng
 RT: 20.256 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

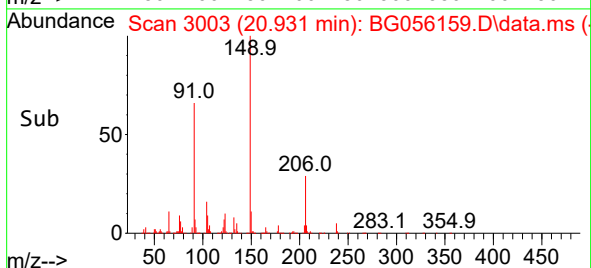
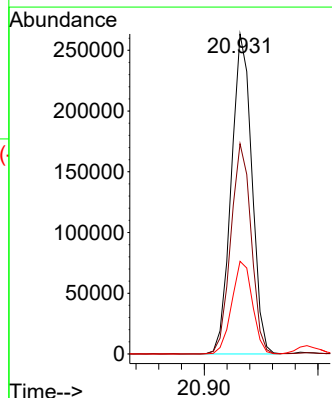
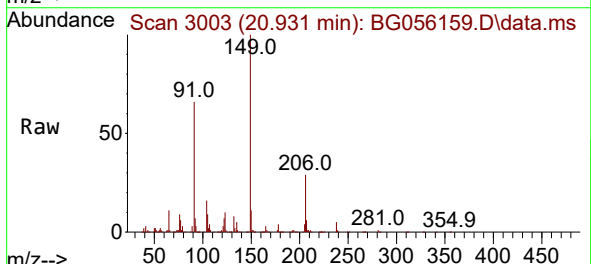
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

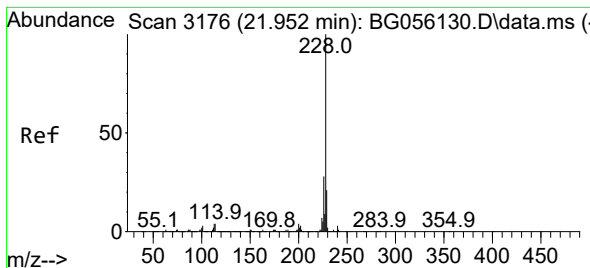
Tgt Ion:244 Resp: 1927330
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 4.4 3.5 5.3



#80
 Butylbenzylphthalate
 Concen: 45.321 ng
 RT: 20.931 min Scan# 3003
 Delta R.T. 0.002 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

Tgt Ion:149 Resp: 330134
 Ion Ratio Lower Upper
 149 100
 91 65.7 53.5 80.3
 206 29.0 21.9 32.9





#81

Benzo(a)anthracene

Concen: 44.548 ng

RT: 21.954 min Scan# 3176

Delta R.T. 0.002 min

Lab File: BG056159.D

Acq: 29 Dec 2022 18:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

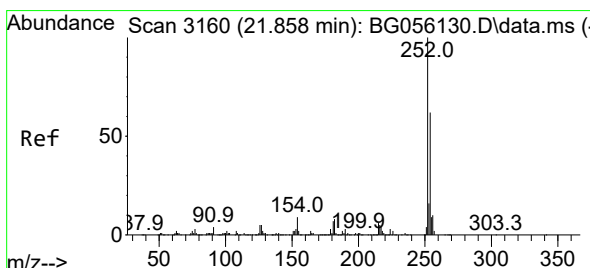
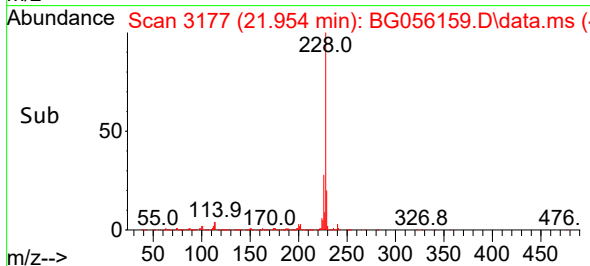
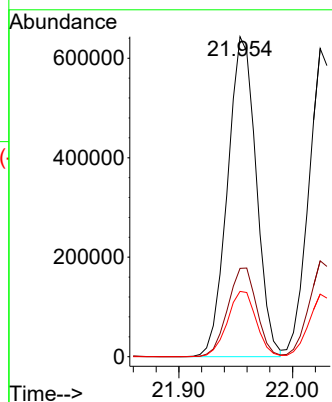
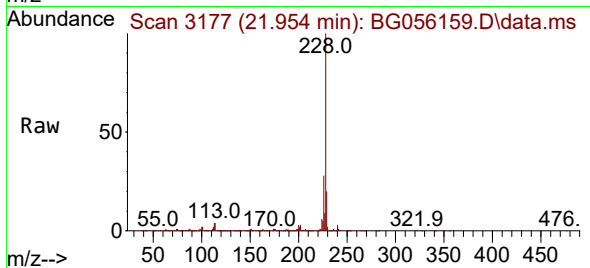
Tgt Ion:228 Resp: 1127127

Ion Ratio Lower Upper

228 100

226 27.6 22.6 34.0

229 20.4 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 15.822 ng

RT: 21.854 min Scan# 3160

Delta R.T. -0.004 min

Lab File: BG056159.D

Acq: 29 Dec 2022 18:15

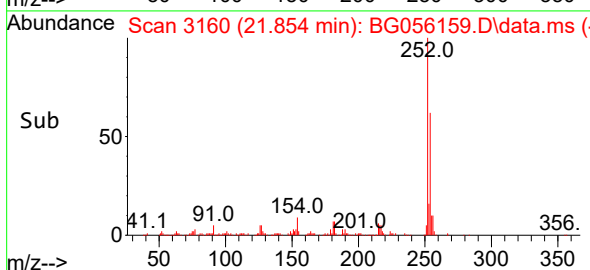
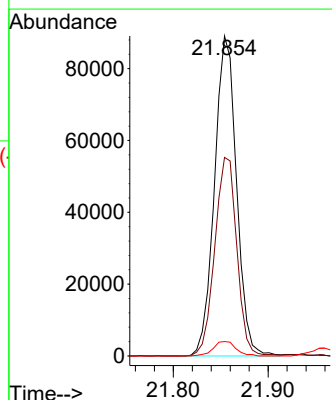
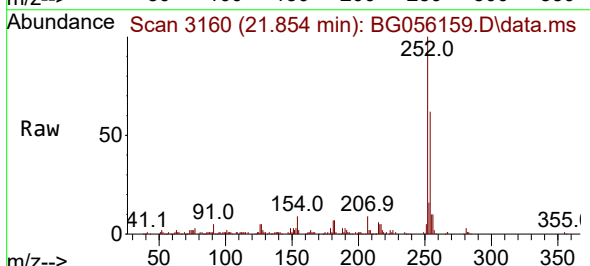
Tgt Ion:252 Resp: 144111

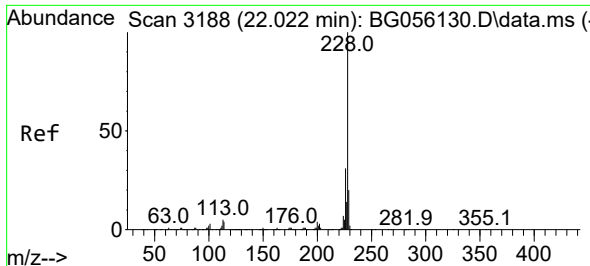
Ion Ratio Lower Upper

252 100

254 62.0 49.5 74.3

126 4.5 4.0 6.0

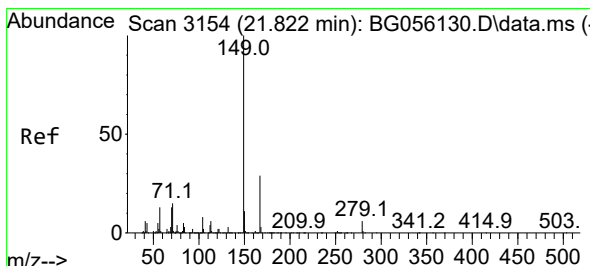
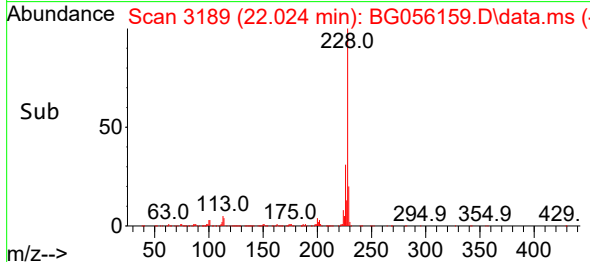
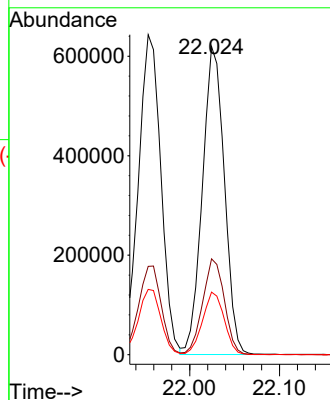
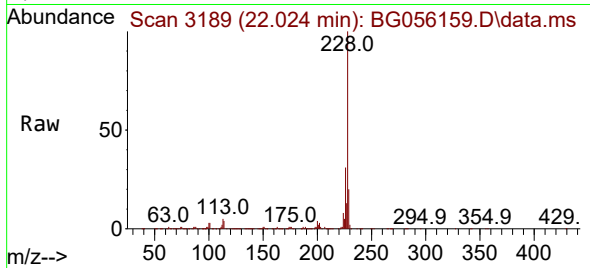




#83
 Chrysene
 Concen: 44.499 ng
 RT: 22.024 min Scan# 3188
 Delta R.T. 0.002 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

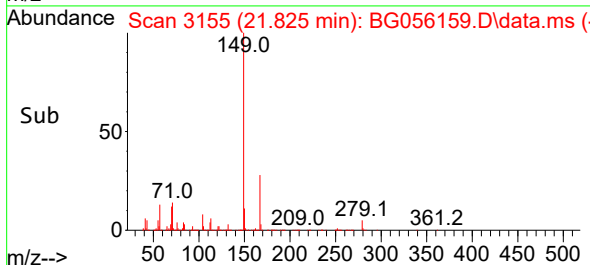
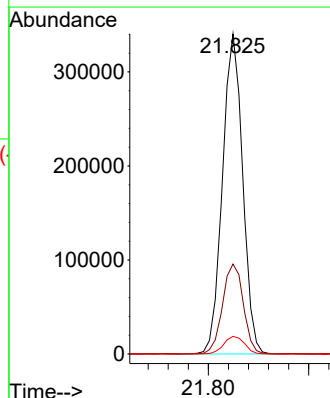
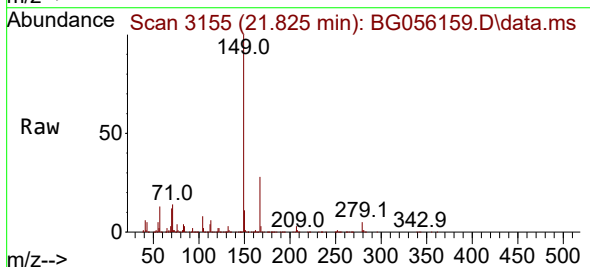
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

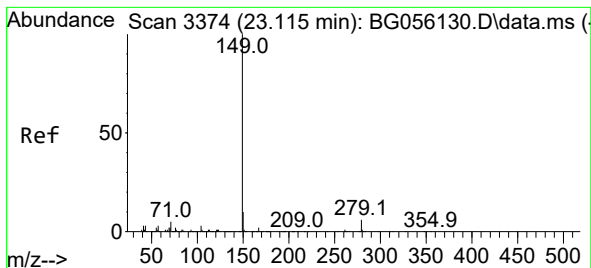
Tgt Ion:228 Resp: 1054625
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.6 36.8
 229 20.3 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.197 ng
 RT: 21.825 min Scan# 3155
 Delta R.T. 0.002 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

Tgt Ion:149 Resp: 474328
 Ion Ratio Lower Upper
 149 100
 167 28.1 23.4 35.2
 279 5.5 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 45.633 ng

RT: 23.117 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG056159.D

Acq: 29 Dec 2022 18:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

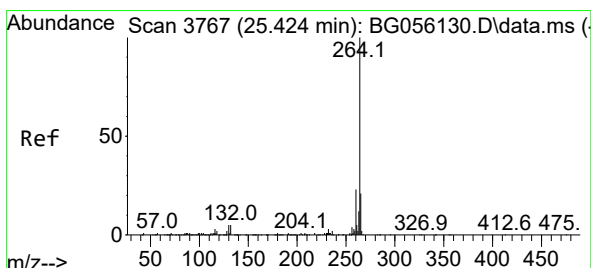
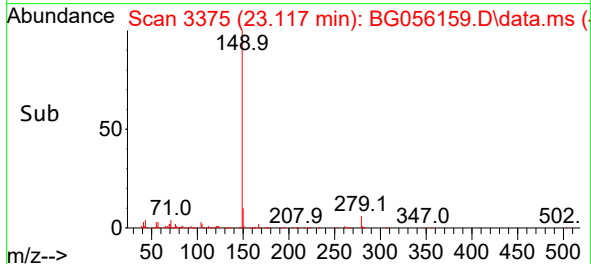
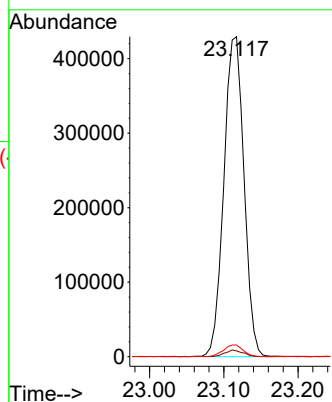
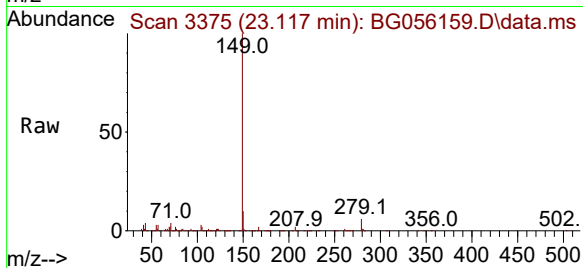
Tgt Ion:149 Resp: 808470

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

43 3.6 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.438 min Scan# 3770

Delta R.T. 0.014 min

Lab File: BG056159.D

Acq: 29 Dec 2022 18:15

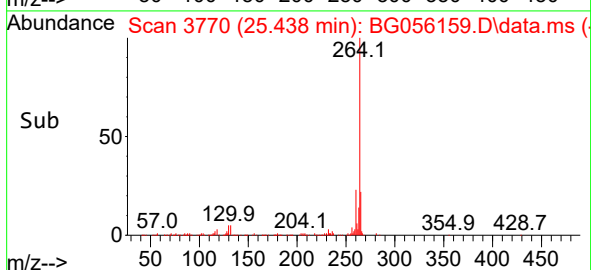
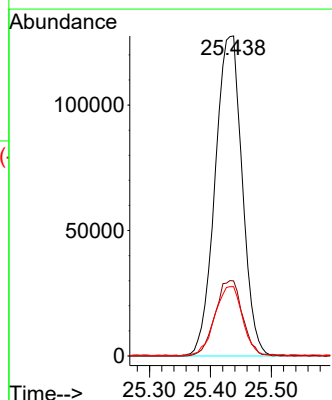
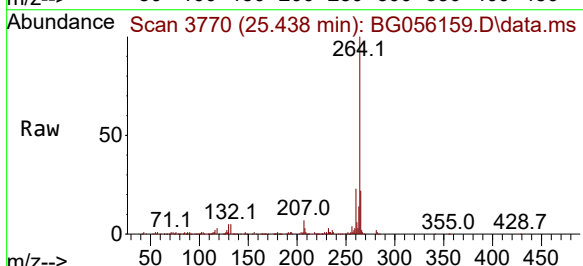
Tgt Ion:264 Resp: 394080

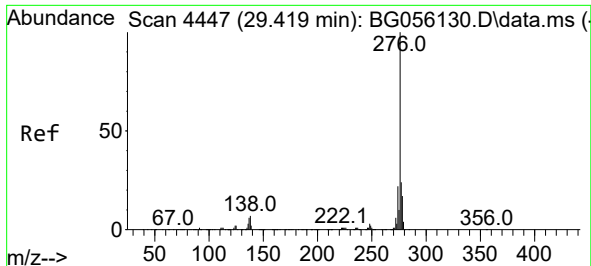
Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.7 16.7 25.1

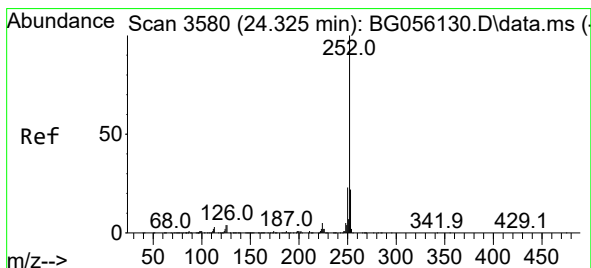
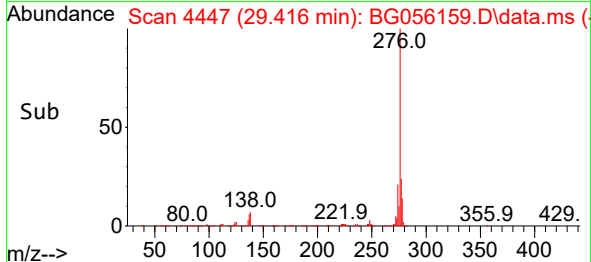
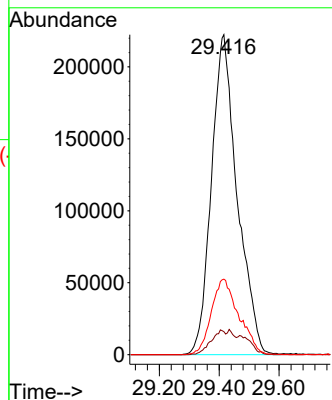
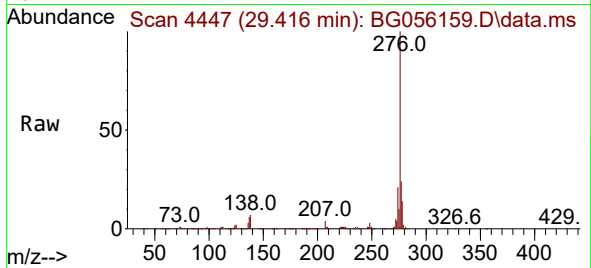




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.382 ng
 RT: 29.416 min Scan# 4447
 Delta R.T. -0.004 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

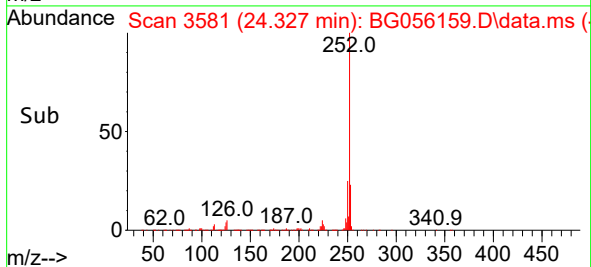
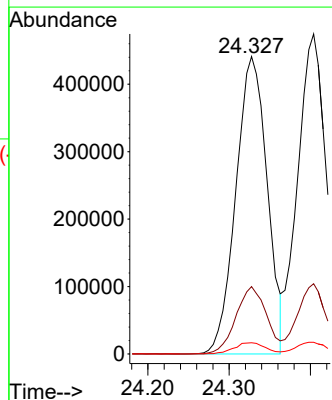
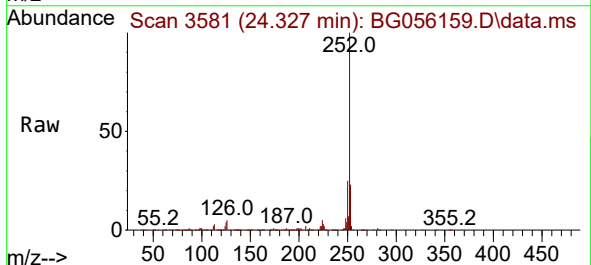
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

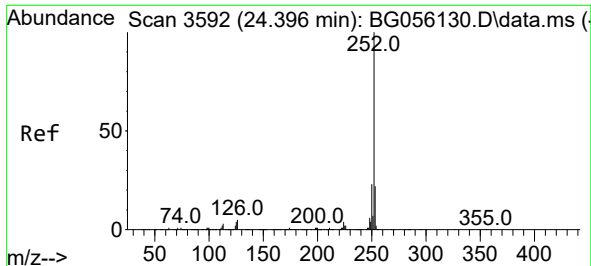
Tgt Ion:276 Resp: 1329299
 Ion Ratio Lower Upper
 276 100
 138 4.3 5.0 7.4#
 277 25.2 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 47.106 ng
 RT: 24.327 min Scan# 3581
 Delta R.T. 0.002 min
 Lab File: BG056159.D
 Acq: 29 Dec 2022 18:15

Tgt Ion:252 Resp: 1179463
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.4 26.2
 125 3.8 3.0 4.4

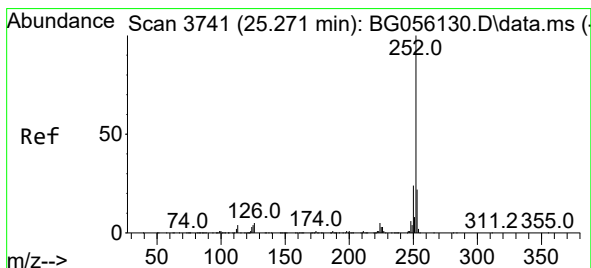
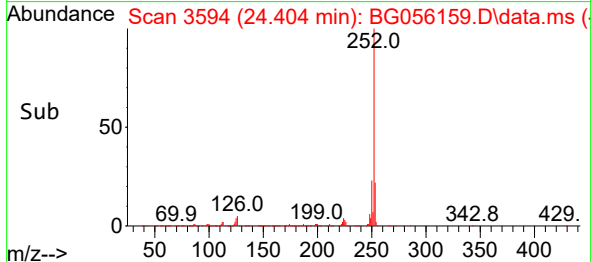
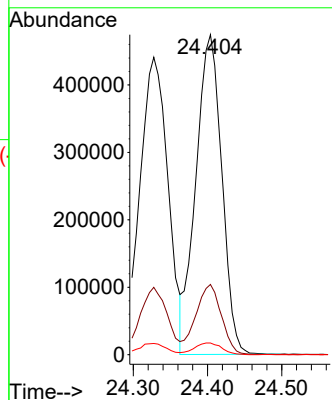
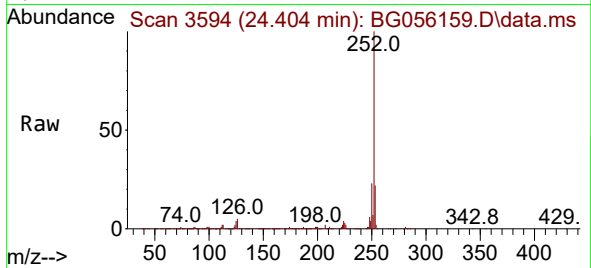




#89
Benzo(k)fluoranthene
Concen: 46.244 ng
RT: 24.404 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

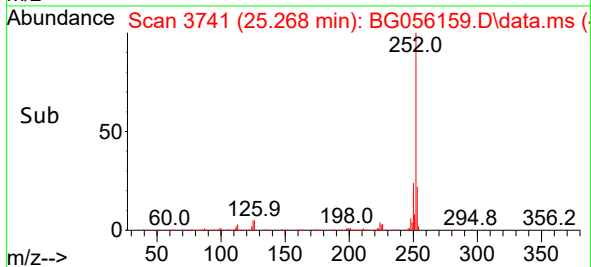
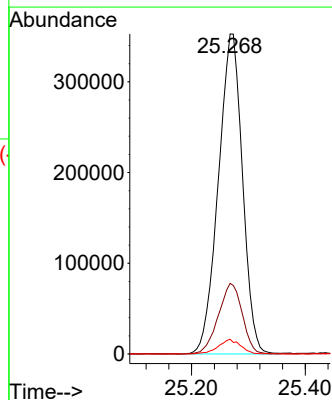
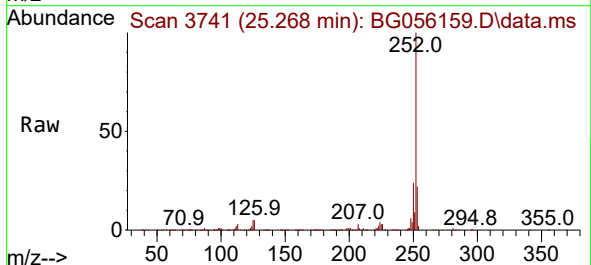
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

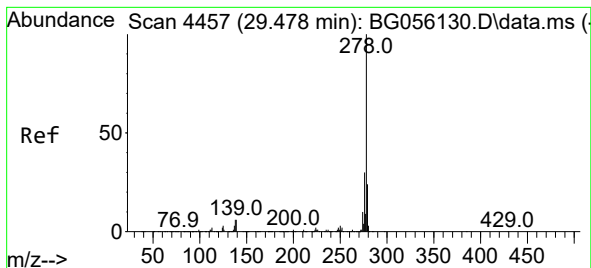
Tgt Ion:252 Resp: 1153023
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 3.6 3.4 5.0



#90
Benzo(a)pyrene
Concen: 42.612 ng
RT: 25.268 min Scan# 3741
Delta R.T. -0.004 min
Lab File: BG056159.D
Acq: 29 Dec 2022 18:15

Tgt Ion:252 Resp: 1040644
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 4.6 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 45.737 ng

RT: 29.480 min Scan# 4457

Delta R.T. 0.002 min

Lab File: BG056159.D

Acq: 29 Dec 2022 18:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

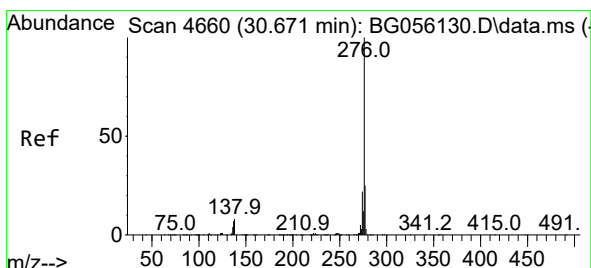
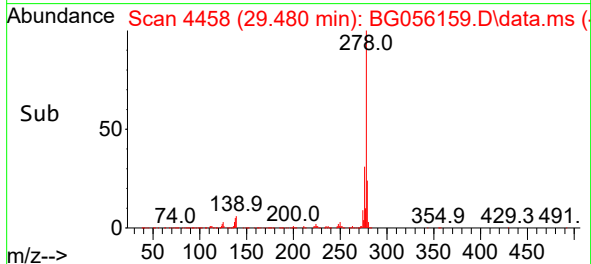
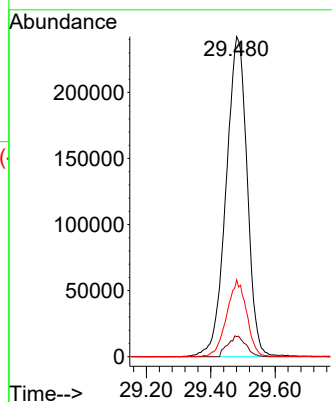
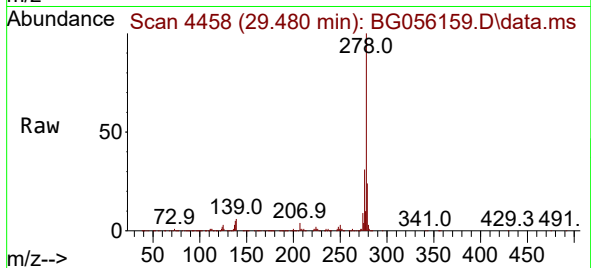
Tgt Ion:278 Resp: 1099004

Ion Ratio Lower Upper

278 100

139 6.3 4.8 7.2

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 45.632 ng

RT: 30.667 min Scan# 4660

Delta R.T. -0.004 min

Lab File: BG056159.D

Acq: 29 Dec 2022 18:15

Tgt Ion:276 Resp: 1063292

Ion Ratio Lower Upper

276 100

277 23.5 19.7 29.5

138 7.6 6.7 10.1

