

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056279.D
 Acq On : 13 Jan 2023 15:53
 Operator : CG/JU
 Sample : 01129-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207MS

Quant Time: Jan 16 00:22:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	39634	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	149153	20.000	ng	# 0.00
39) Acenaphthene-d10	14.934	164	123664	20.000	ng	0.00
64) Phenanthrene-d10	17.666	188	305373	20.000	ng	0.00
76) Chrysene-d12	21.961	240	302570	20.000	ng	# 0.00
86) Perylene-d12	25.410	264	343330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	298759	134.590	ng	0.01
7) Phenol-d6	7.455	99	431374	126.542	ng	0.00
23) Nitrobenzene-d5	9.493	82	225803	77.438	ng	0.00
42) 2,4,6-Tribromophenol	16.415	330	194264	124.036	ng	0.00
45) 2-Fluorobiphenyl	13.559	172	731121	81.641	ng	0.00
79) Terphenyl-d14	20.240	244	1415200	83.772	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.647	88	43544	42.947	ng	# 91
3) Pyridine	4.064	79	113045	36.607	ng	# 95
4) n-Nitrosodimethylamine	3.976	42	26850	42.743	ng	92
6) Aniline	7.631	93	123796	27.692	ng	96
8) 2-Chlorophenol	7.878	128	117125	53.024	ng	94
9) Benzaldehyde	7.443	77	59626	29.417	ng	97
10) Phenol	7.484	94	173142	50.082	ng	95
11) bis(2-Chloroethyl)ether	7.719	93	105495	45.029	ng	94
12) 1,3-Dichlorobenzene	8.207	146	134559	50.052	ng	94
13) 1,4-Dichlorobenzene	8.354	146	134050	49.655	ng	98
14) 1,2-Dichlorobenzene	8.677	146	130171	49.972	ng	97
15) Benzyl Alcohol	8.547	79	114254	46.051	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.835	45	22719	54.876	ng	# 79
17) 2-Methylphenol	8.753	107	118531	46.725	ng	97
18) Hexachloroethane	9.417	117	41101	50.116	ng	95
19) n-Nitroso-di-n-propyla...	9.123	70	83928	40.488	ng	97
20) 3+4-Methylphenols	9.076	107	164357	46.083	ng	96
22) Acetophenone	9.147	105	189248	44.874	ng	# 98
24) Nitrobenzene	9.535	77	130016	44.993	ng	99
25) Isophorone	10.057	82	257850	42.029	ng	96
26) 2-Nitrophenol	10.251	139	73580	49.767	ng	100
27) 2,4-Dimethylphenol	10.292	122	132604	49.173	ng	98
28) bis(2-Chloroethoxy)met...	10.533	93	147410	46.229	ng	98
29) 2,4-Dichlorophenol	10.786	162	150679	50.541	ng	96
30) 1,2,4-Trichlorobenzene	11.009	180	162317	47.977	ng	99
31) Naphthalene	11.203	128	368470	46.941	ng	99
32) Benzoic acid	10.422	122	97378	48.669	ng	92
33) 4-Chloroaniline	11.297	127	70940	18.929	ng	94
34) Hexachlorobutadiene	11.479	225	115298	47.384	ng	98
35) Caprolactam	12.067	113	31819	31.523	ng	94
36) 4-Chloro-3-methylphenol	12.396	107	148822	49.194	ng	95
37) 2-Methylnaphthalene	12.784	142	291547	43.987	ng	99
38) 1-Methylnaphthalene	13.001	142	271611	44.129	ng	97
40) 1,2,4,5-Tetrachloroben...	13.142	216	222745	48.058	ng	99
41) Hexachlorocyclopentadiene	13.119	237	306492	115.987	ng	96
43) 2,4,6-Trichlorophenol	13.371	196	154665	50.465	ng	98

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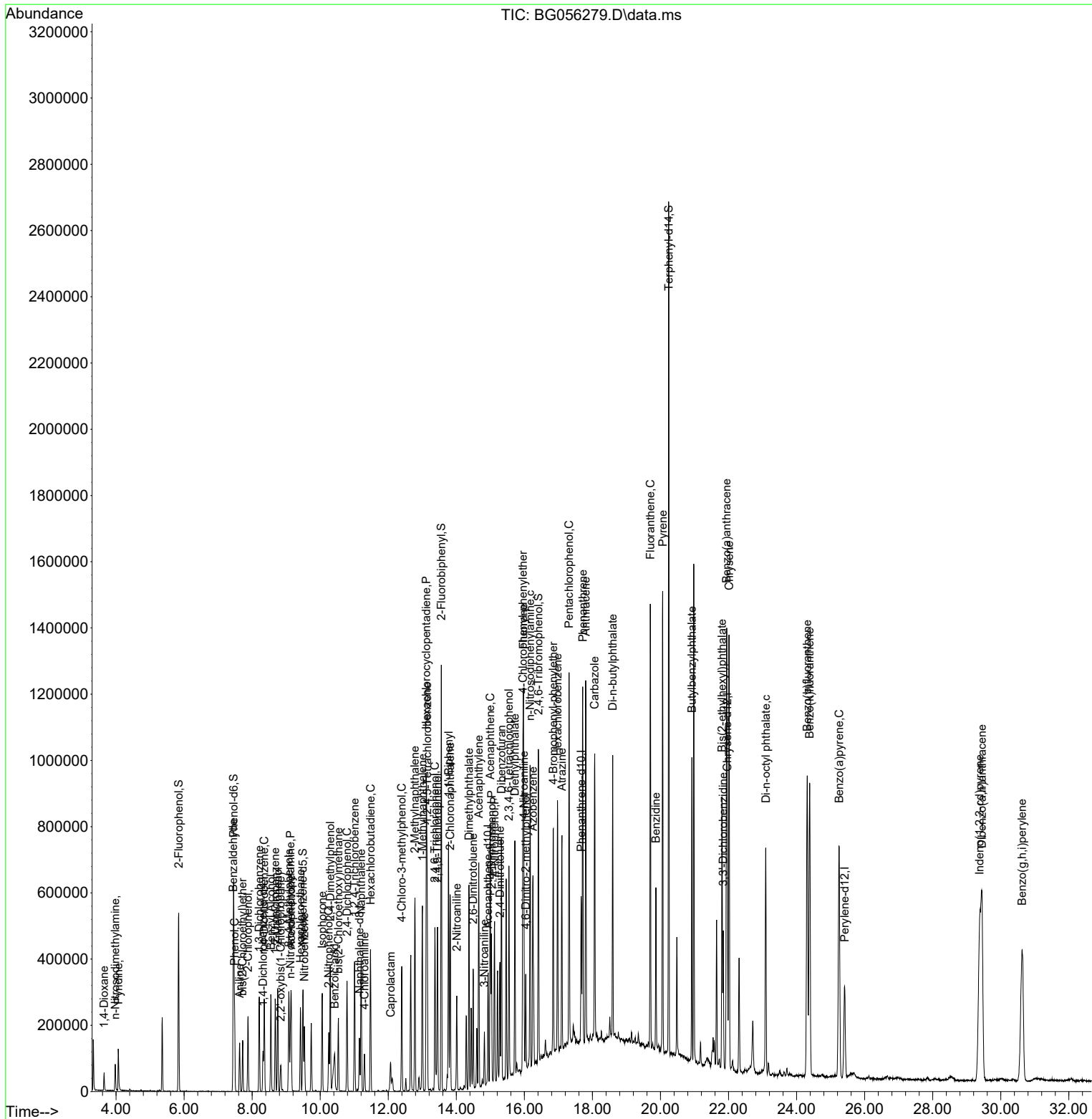
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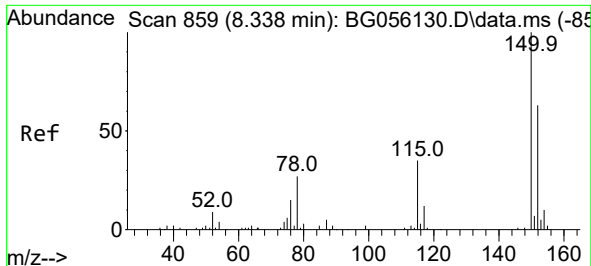
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.448	196	172425	47.560	ng	99
46) 1,1'-Biphenyl	13.771	154	424733	47.958	ng	97
47) 2-Chloronaphthalene	13.818	162	344704	49.310	ng	98
48) 2-Nitroaniline	14.012	65	73320	49.227	ng	97
49) Acenaphthylene	14.658	152	529675	46.561	ng	98
50) Dimethylphthalate	14.370	163	449620	45.039	ng	100
51) 2,6-Dinitrotoluene	14.493	165	98057	46.097	ng	98
52) Acenaphthene	14.999	154	339958	45.948	ng	98
53) 3-Nitroaniline	14.822	138	52052	25.712	ng	94
54) 2,4-Dinitrophenol	15.034	184	158547	104.332	ng	# 95
55) Dibenzofuran	15.328	168	565185	46.162	ng	98
56) 4-Nitrophenol	15.122	139	155818	100.077	ng	95
57) 2,4-Dinitrotoluene	15.281	165	143390	48.200	ng	91
58) Fluorene	15.974	166	451607	45.859	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.545	232	167740	49.276	ng	97
60) Diethylphthalate	15.721	149	416418	44.479	ng	98
61) 4-Chlorophenyl-phenyle...	15.956	204	280355	45.619	ng	99
62) 4-Nitroaniline	15.986	138	90300	43.545	ng	95
63) Azobenzene	16.250	77	387940	53.697	ng	96
65) 4,6-Dinitro-2-methylph...	16.039	198	105042	51.055	ng	93
66) n-Nitrosodiphenylamine	16.168	169	412247	48.656	ng	98
67) 4-Bromophenyl-phenylether	16.849	248	184424	47.427	ng	99
68) Hexachlorobenzene	16.973	284	182882	50.409	ng	94
69) Atrazine	17.102	200	177393	50.519	ng	99
70) Pentachlorophenol	17.314	266	244064	87.575	ng	100
71) Phenanthrene	17.713	178	748688	47.309	ng	99
72) Anthracene	17.801	178	775291	47.491	ng	100
73) Carbazole	18.066	167	649158	47.307	ng	98
74) Di-n-butylphthalate	18.595	149	646309	47.248	ng	99
75) Fluoranthene	19.699	202	931309	45.115	ng	100
77) Benzidine	19.864	184	322905	30.453	ng	97
78) Pyrene	20.063	202	960284	45.028	ng	99
80) Butylbenzylphthalate	20.921	149	290038	47.404	ng	98
81) Benzo(a)anthracene	21.944	228	1004613	47.272	ng	99
82) 3,3'-Dichlorobenzidine	21.844	252	186368	24.361	ng	99
83) Chrysene	22.014	228	933720	46.905	ng	99
84) Bis(2-ethylhexyl)phtha...	21.808	149	423813	48.080	ng	100
85) Di-n-octyl phthalate	23.095	149	727305	48.875	ng	99
87) Indeno(1,2,3-cd)pyrene	29.376	276	1236714	49.530	ng	100
88) Benzo(b)fluoranthene	24.311	252	1077301	49.386	ng	99
89) Benzo(k)fluoranthene	24.382	252	1032441	47.529	ng	99
90) Benzo(a)pyrene	25.251	252	949667	44.635	ng	100
91) Dibenzo(a,h)anthracene	29.446	278	1038250	49.596	ng	99
92) Benzo(g,h,i)perylene	30.627	276	999701	49.245	ng	99

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

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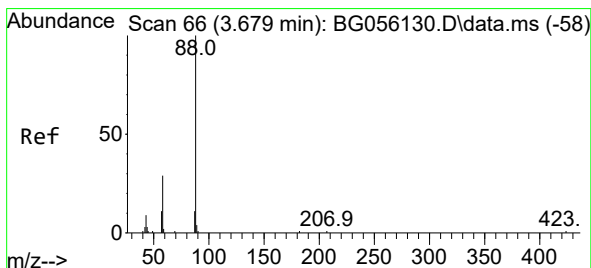
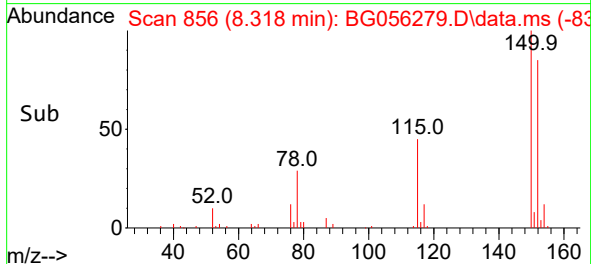
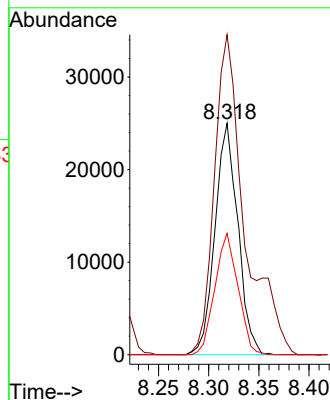
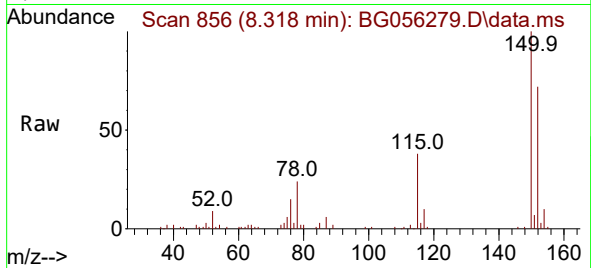




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

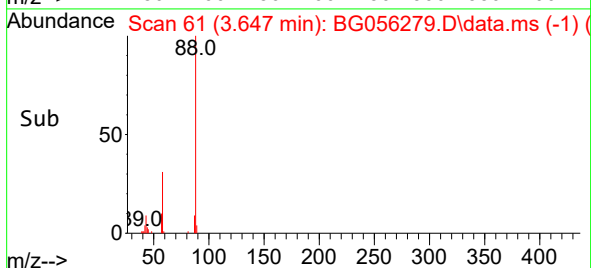
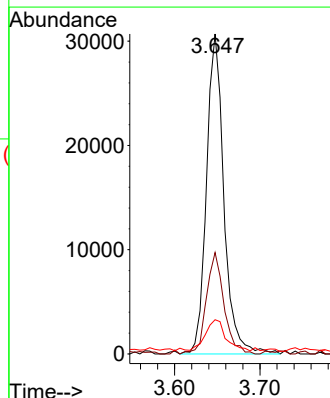
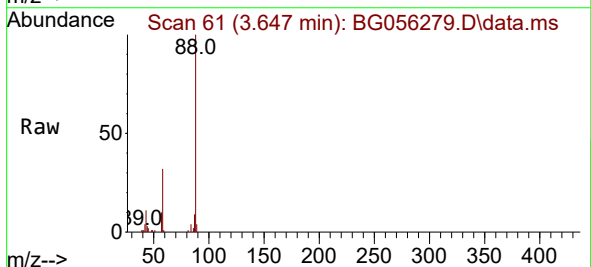
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

Tgt Ion:152 Resp: 39634
Ion Ratio Lower Upper
152 100
150 138.3 127.9 191.9
115 52.4 44.2 66.2



#2
1,4-Dioxane
Concen: 42.947 ng
RT: 3.647 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion: 88 Resp: 43544
Ion Ratio Lower Upper
88 100
58 31.9 21.4 32.0
43 11.3 7.1 10.7#

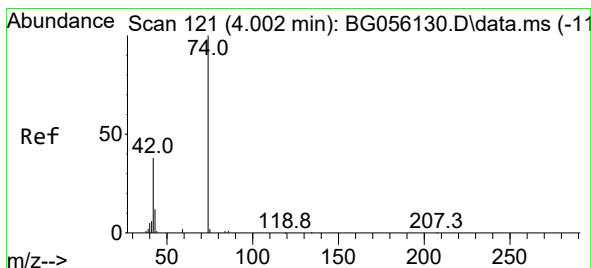
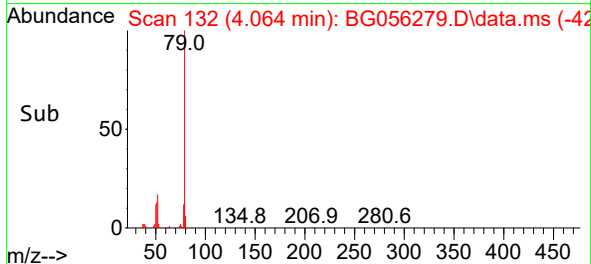
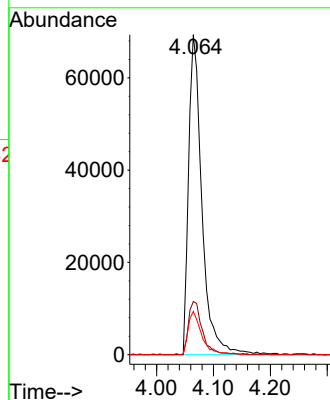
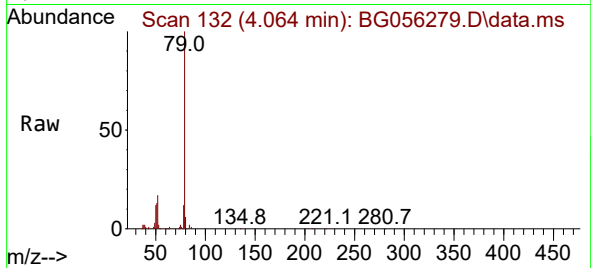




#3
 Pyridine
 Concen: 36.607 ng
 RT: 4.064 min Scan# 11
 Delta R.T. 0.002 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

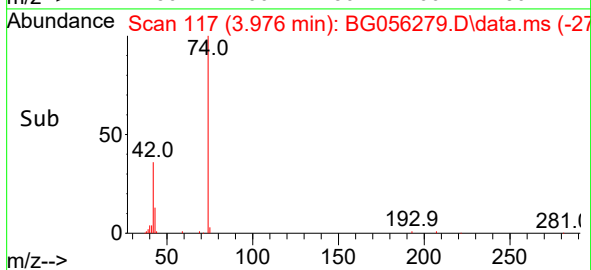
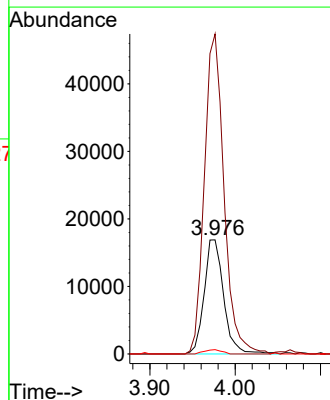
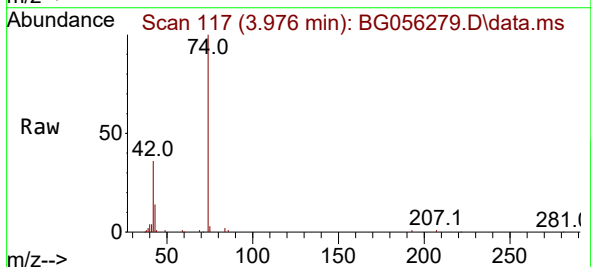
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 ClientSampleId :
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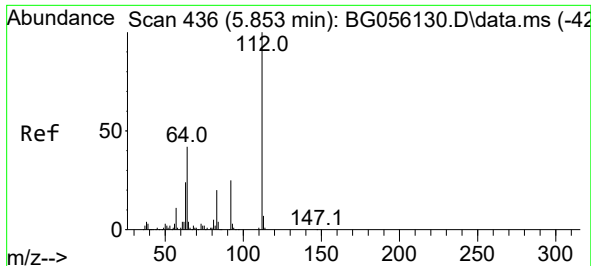
Tgt Ion: 79 Resp: 113045
 Ion Ratio Lower Upper
 79 100
 52 16.6 11.8 17.6
 51 13.5 8.8 13.2#



#4
 n-Nitrosodimethylamine
 Concen: 42.743 ng
 RT: 3.976 min Scan# 117
 Delta R.T. 0.002 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

Tgt Ion: 42 Resp: 26850
 Ion Ratio Lower Upper
 42 100
 74 280.5 212.6 319.0
 44 3.8 2.6 3.8

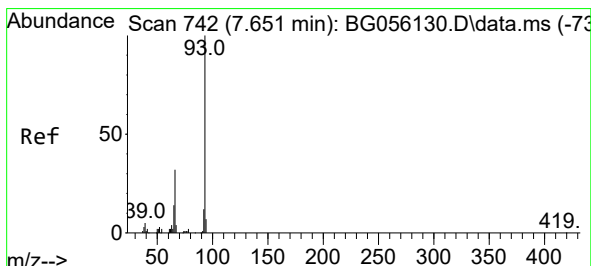
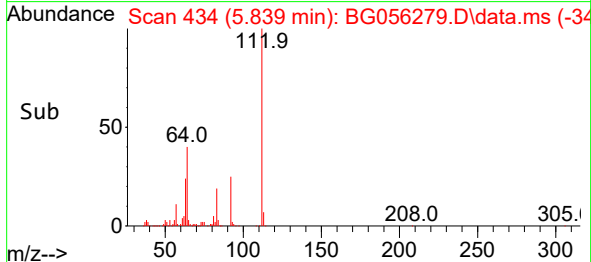
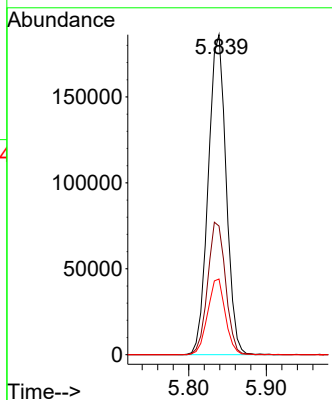
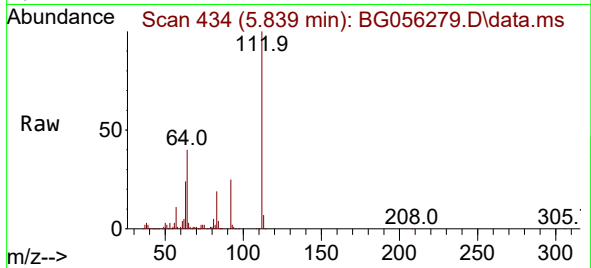




#5
2-Fluorophenol
Concen: 134.590 ng
RT: 5.839 min Scan# 411
Delta R.T. 0.013 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

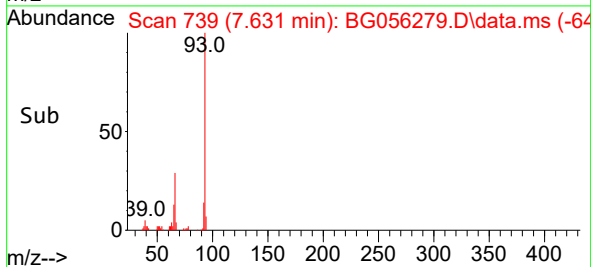
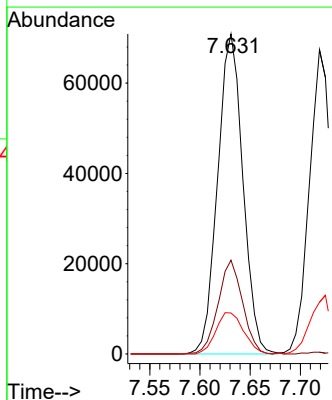
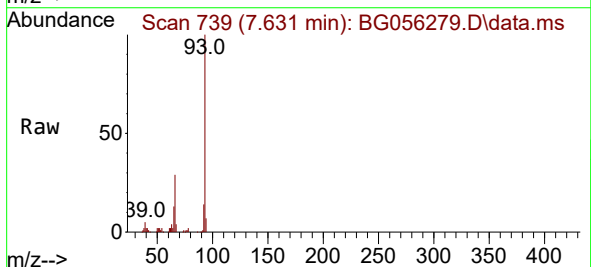
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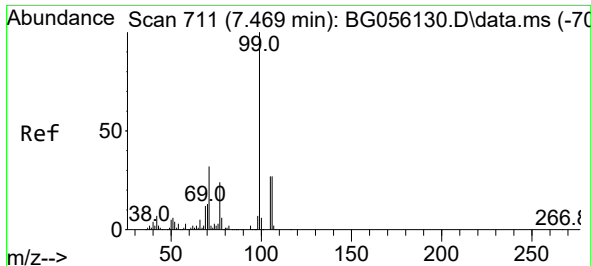
Tgt Ion:112 Resp: 298759
Ion Ratio Lower Upper
112 100
64 40.2 33.3 49.9
63 23.6 19.0 28.4



#6
Aniline
Concen: 27.692 ng
RT: 7.631 min Scan# 739
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion: 93 Resp: 123796
Ion Ratio Lower Upper
93 100
66 29.3 25.4 38.2
65 12.8 11.4 17.2

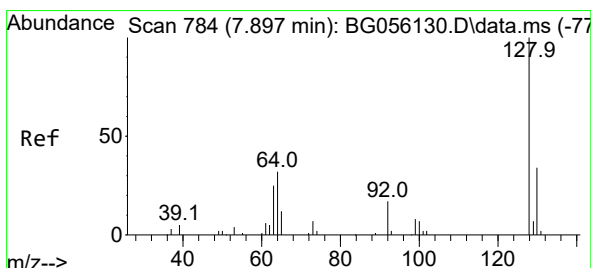
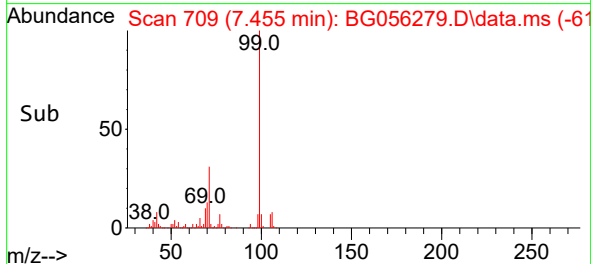
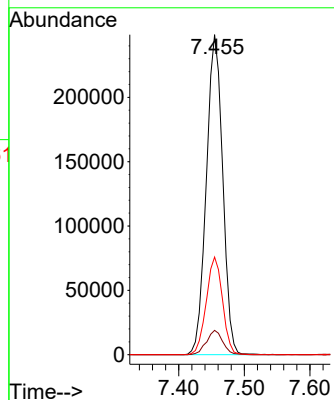
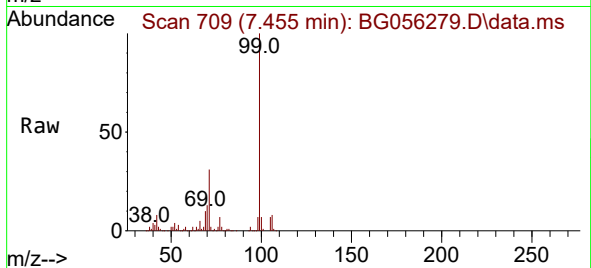




#7
Phenol-d6
Concen: 126.542 ng
RT: 7.455 min Scan# 709
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

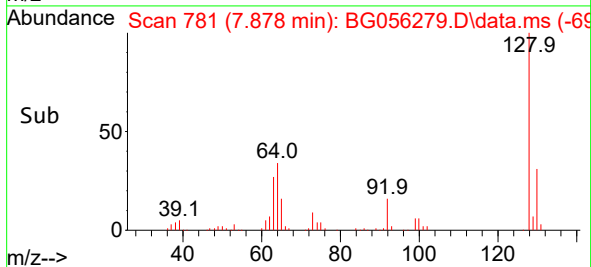
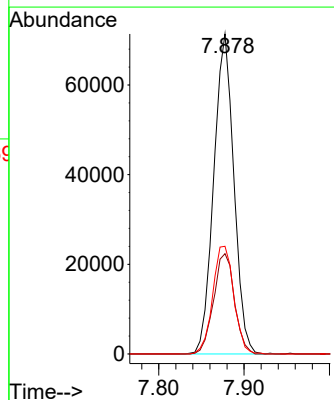
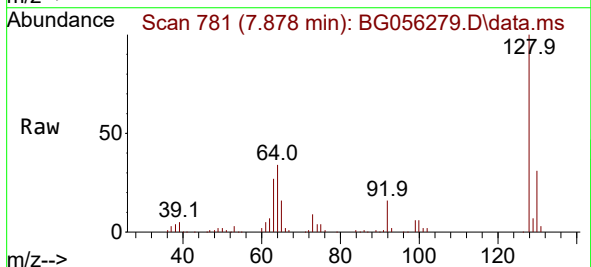
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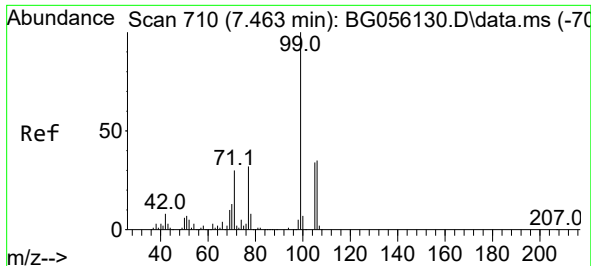
Tgt Ion: 99 Resp: 431374
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 30.5 25.4 38.2



#8
2-Chlorophenol
Concen: 53.024 ng
RT: 7.878 min Scan# 781
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion: 128 Resp: 117125
Ion Ratio Lower Upper
128 100
130 31.4 13.5 53.5
64 33.7 18.0 58.0

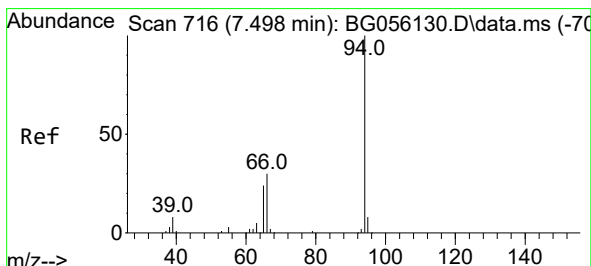
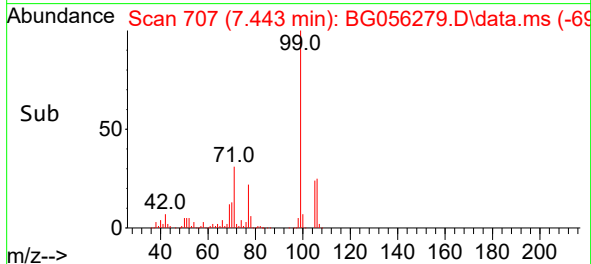
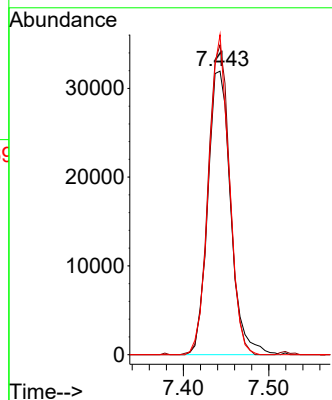
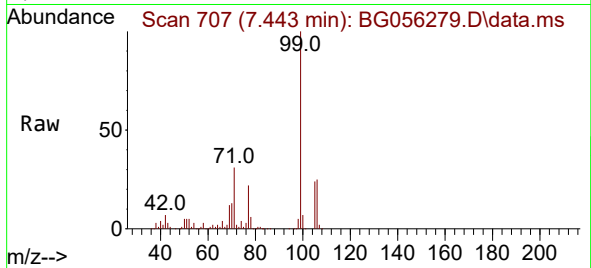




#9
Benzaldehyde
Concen: 29.417 ng
RT: 7.443 min Scan# 710
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

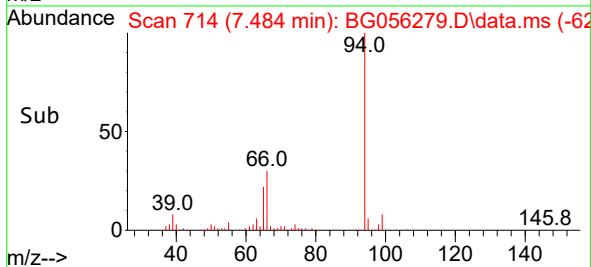
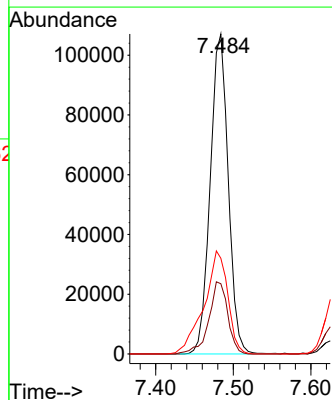
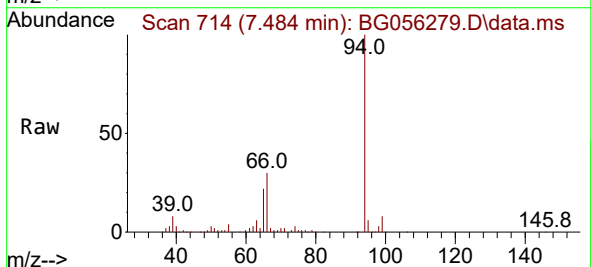
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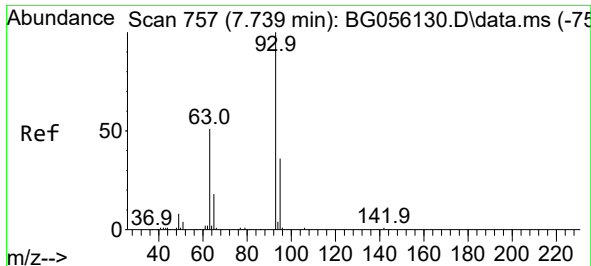
Tgt Ion: 77 Resp: 59626
Ion Ratio Lower Upper
77 100
105 109.2 86.8 126.8
106 112.8 89.3 129.3



#10
Phenol
Concen: 50.082 ng
RT: 7.484 min Scan# 714
Delta R.T. 0.007 min
Lab File: BG056279.D
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Tgt Ion: 94 Resp: 173142
Ion Ratio Lower Upper
94 100
65 21.9 4.3 44.3
66 29.9 13.2 53.2

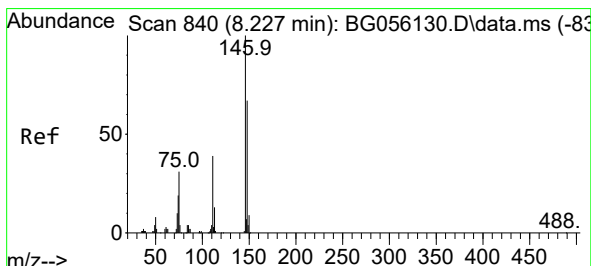
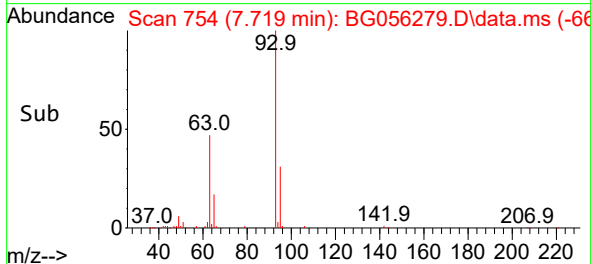
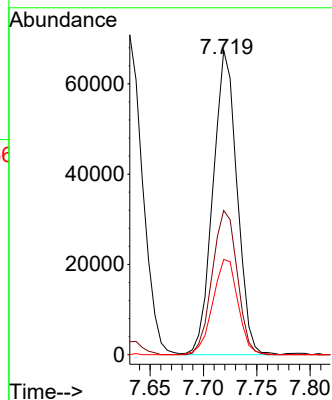
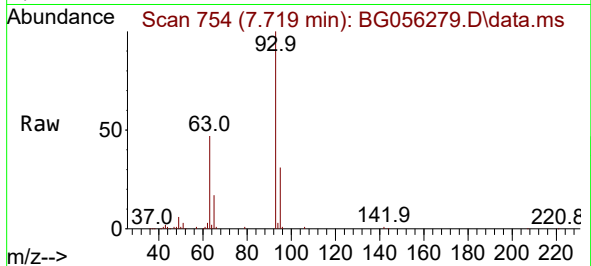




#11
bis(2-Chloroethyl)ether
Concen: 45.029 ng
RT: 7.719 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

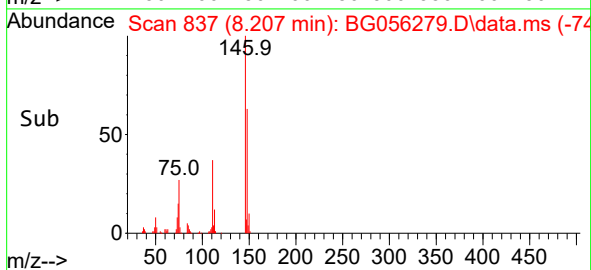
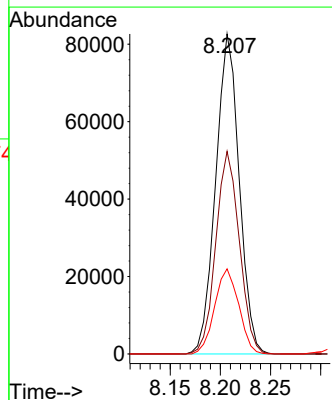
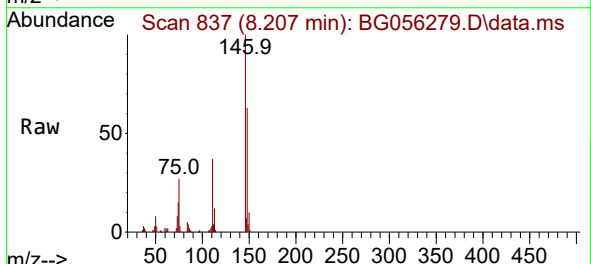
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

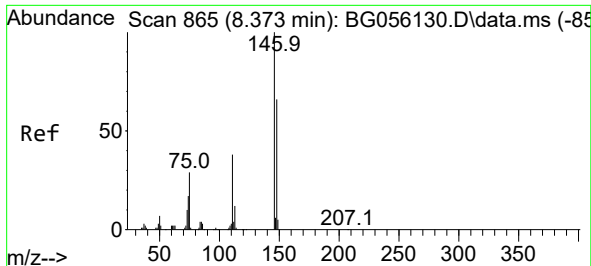
Tgt Ion: 93 Resp: 105495
Ion Ratio Lower Upper
93 100
63 47.4 30.5 70.5
95 31.3 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 50.052 ng
RT: 8.207 min Scan# 837
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion: 146 Resp: 134559
Ion Ratio Lower Upper
146 100
148 63.3 53.5 80.3
75 26.6 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 49.655 ng

RT: 8.354 min Scan# 8

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

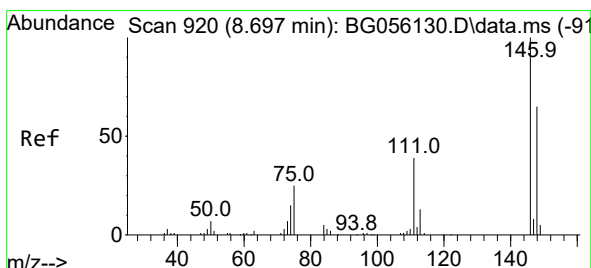
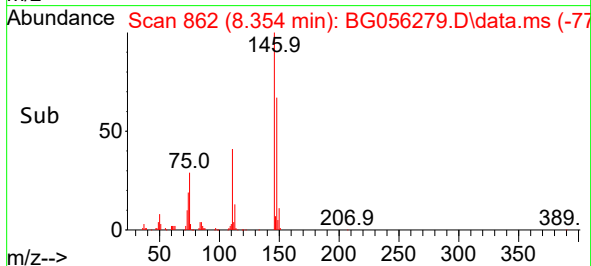
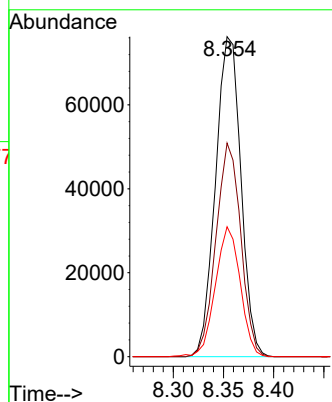
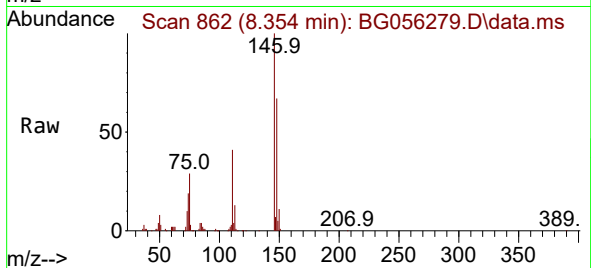
Tgt Ion:146 Resp: 134050

Ion Ratio Lower Upper

146 100

148 66.8 52.8 79.2

111 40.6 30.5 45.7



#14

1,2-Dichlorobenzene

Concen: 49.972 ng

RT: 8.677 min Scan# 917

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

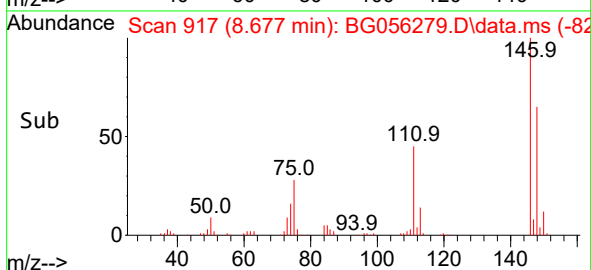
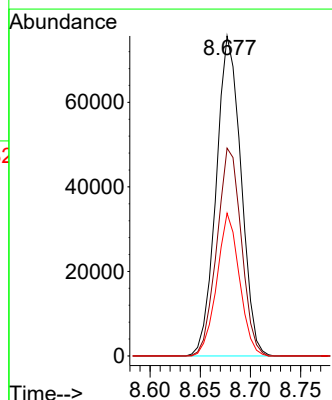
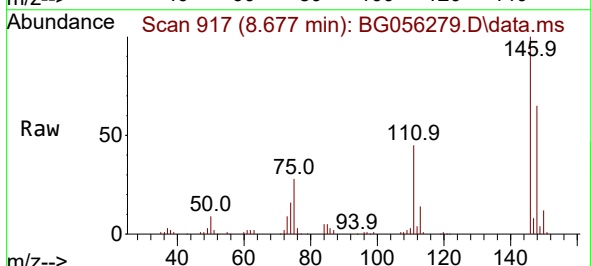
Tgt Ion:146 Resp: 130171

Ion Ratio Lower Upper

146 100

148 64.9 51.7 77.5

111 44.6 31.5 47.3

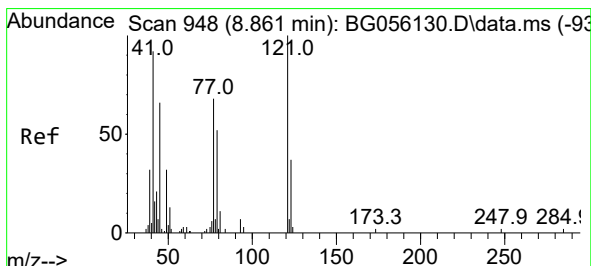
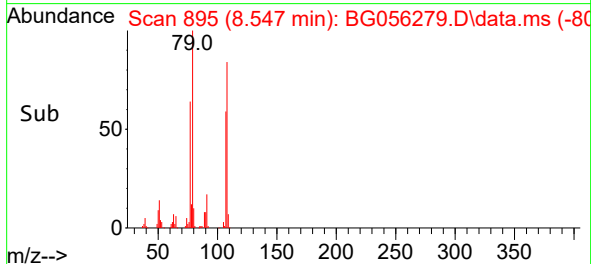
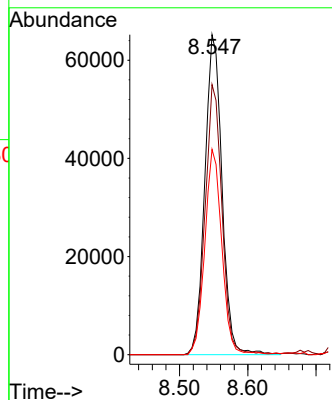
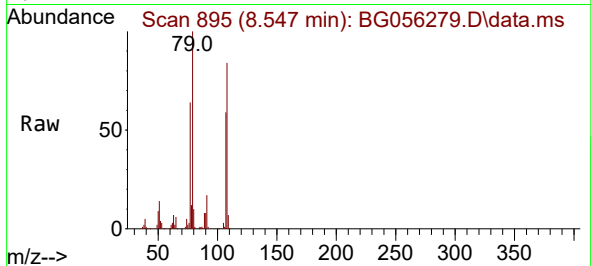




#15
Benzyl Alcohol
Concen: 46.051 ng
RT: 8.547 min Scan# 898
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

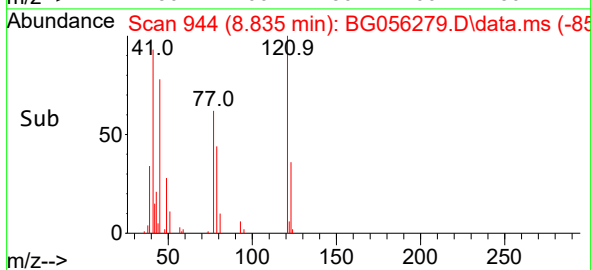
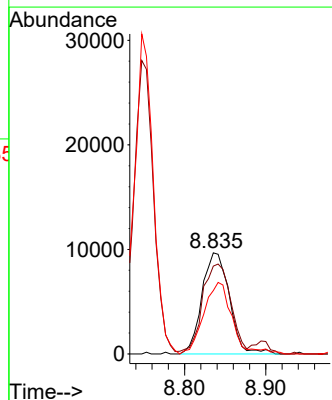
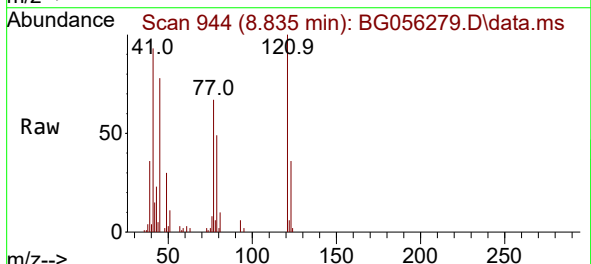
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

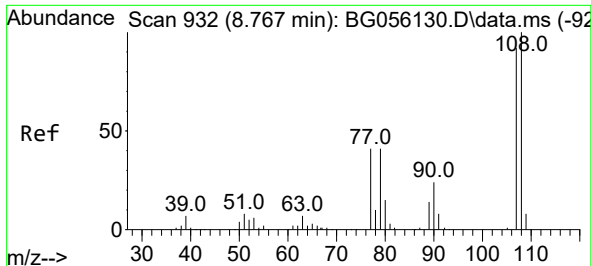
Tgt Ion: 79 Resp: 114254
Ion Ratio Lower Upper
79 100
108 84.4 64.7 97.1
77 64.1 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.876 ng
RT: 8.835 min Scan# 944
Delta R.T. -0.004 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion: 45 Resp: 22719
Ion Ratio Lower Upper
45 100
77 86.9 88.2 128.2#
79 62.7 61.2 101.2

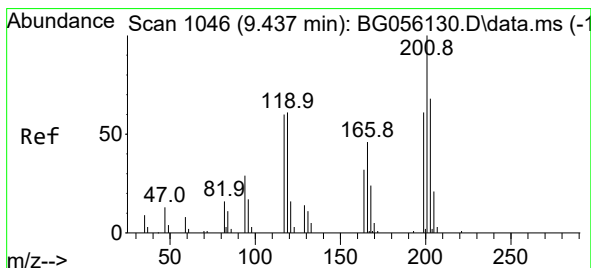
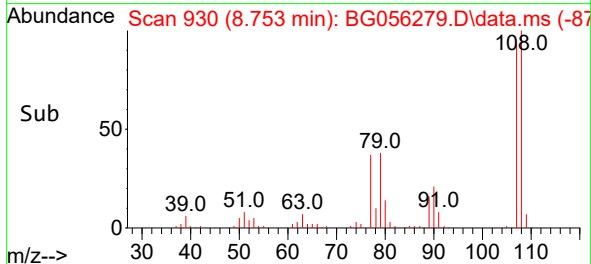
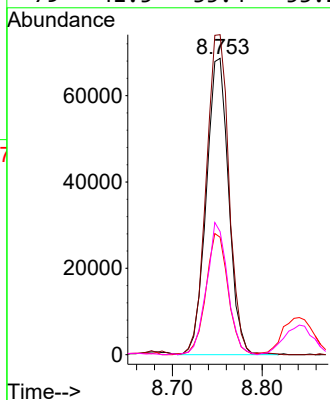
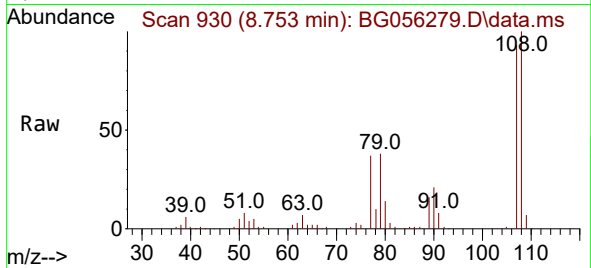




#17
2-Methylphenol
Concen: 46.725 ng
RT: 8.753 min Scan# 91
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

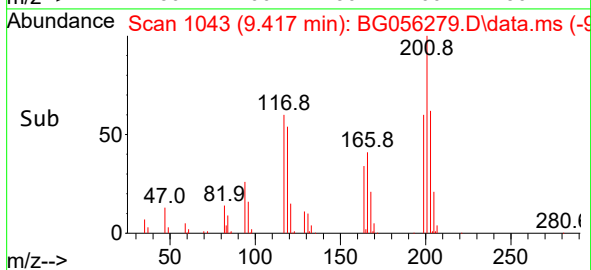
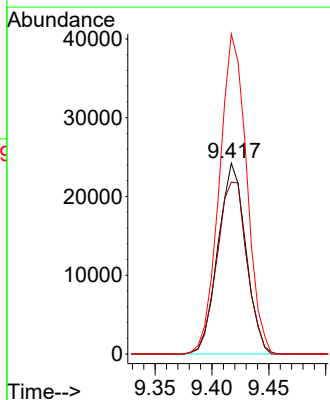
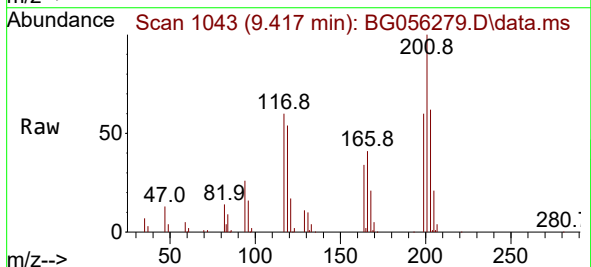
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

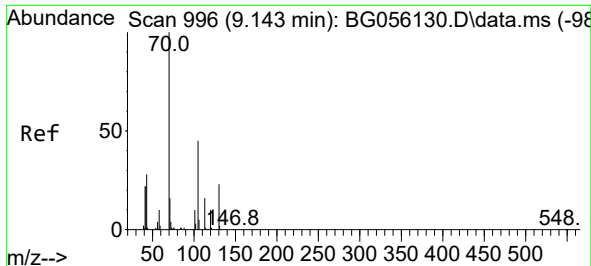
Tgt Ion:	107	Resp:	118531
Ion	Ratio	Lower	Upper
107	100		
108	108.0	86.6	129.8
77	39.7	35.4	53.2
79	41.5	35.4	53.2



#18
Hexachloroethane
Concen: 50.116 ng
RT: 9.417 min Scan# 1043
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:	117	Resp:	41101
Ion	Ratio	Lower	Upper
117	100		
119	90.1	81.8	122.6
201	167.7	134.2	201.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.488 ng

RT: 9.123 min Scan# 996

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

Tgt Ion: 70 Resp: 83928

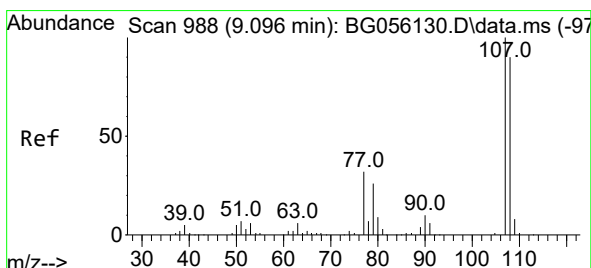
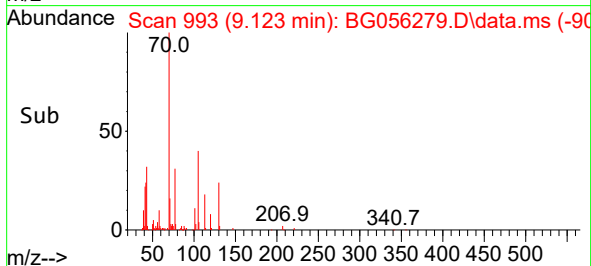
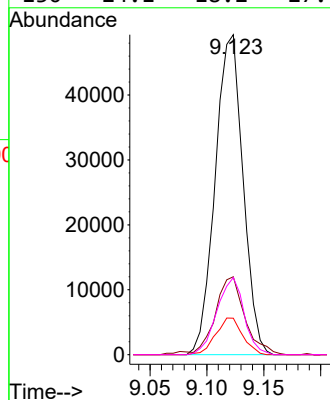
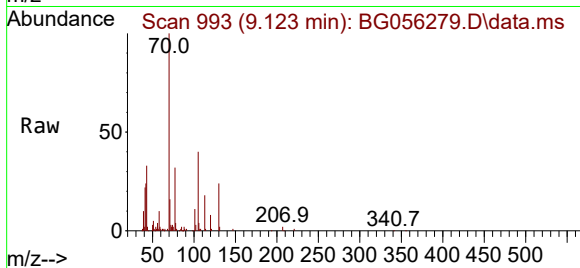
Ion Ratio Lower Upper

70 100

42 24.4 18.2 27.2

101 11.4 8.3 12.5

130 24.1 18.2 27.4



#20

3+4-Methylphenols

Concen: 46.083 ng

RT: 9.076 min Scan# 985

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Tgt Ion: 107 Resp: 164357

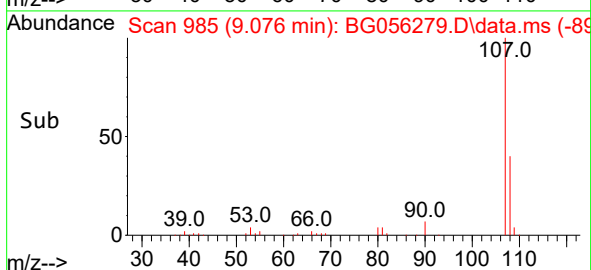
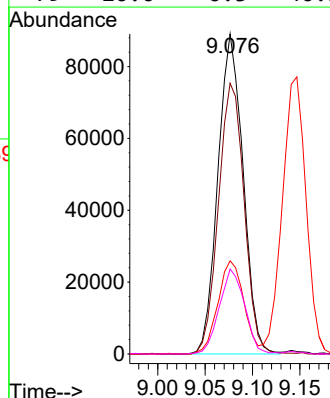
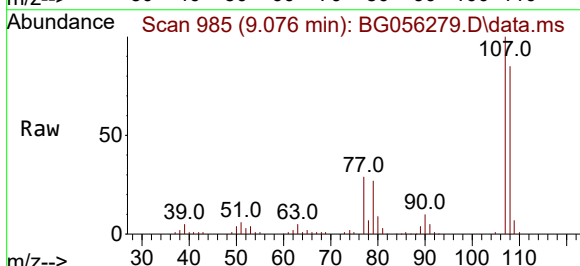
Ion Ratio Lower Upper

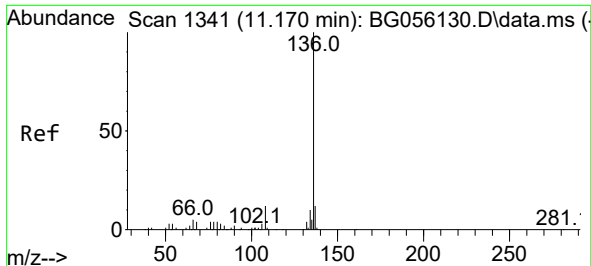
107 100

108 84.6 69.6 109.6

77 29.1 11.7 51.7

79 26.6 6.3 46.3

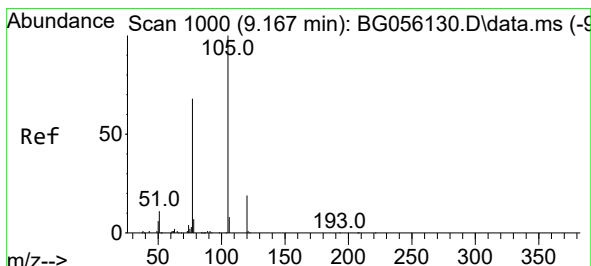
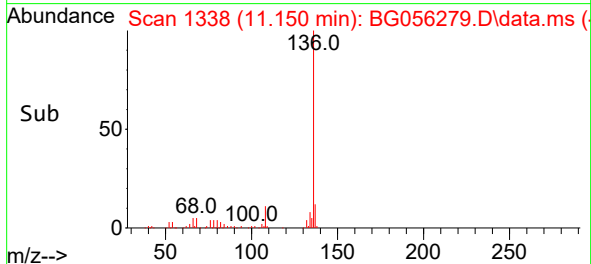
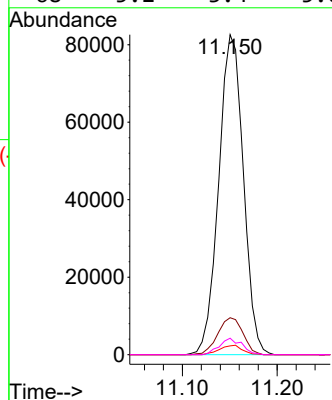
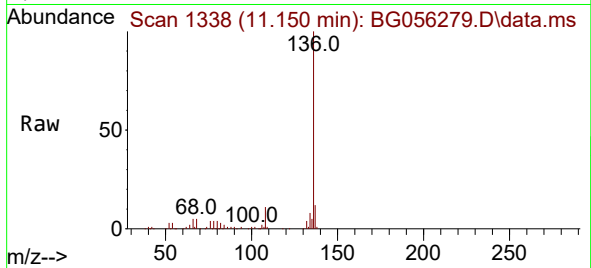




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 111
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

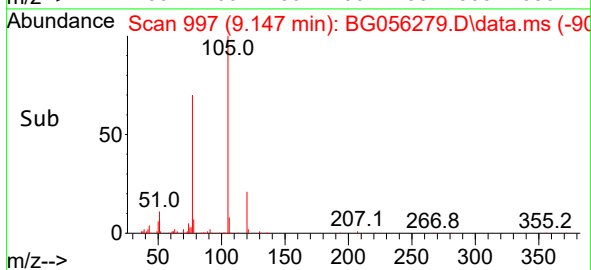
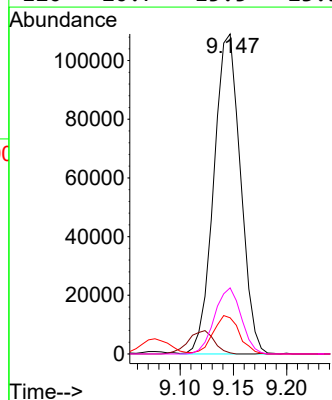
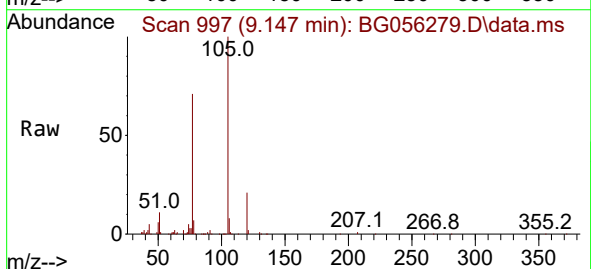
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

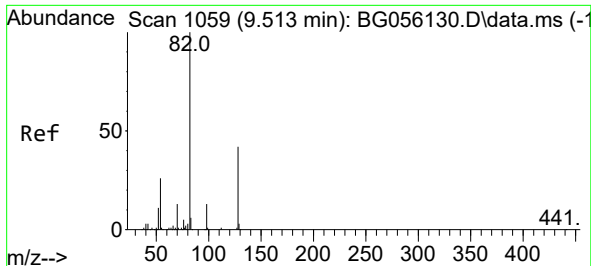
Tgt Ion:136 Resp: 149153
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 2.8 2.2 3.2
68 5.2 3.4 5.0#



#22
Acetophenone
Concen: 44.874 ng
RT: 9.147 min Scan# 997
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:105 Resp: 189248
Ion Ratio Lower Upper
105 100
71 0.4 0.5 0.7#
51 11.3 9.3 13.9
120 20.7 15.5 23.3

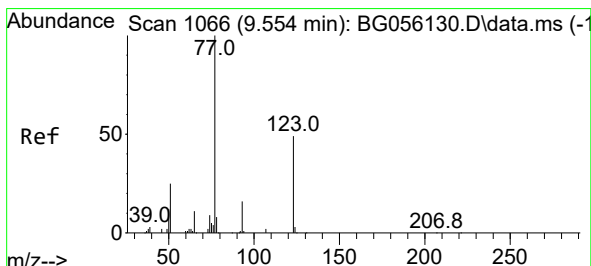
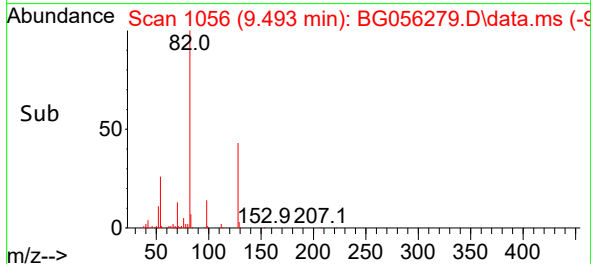
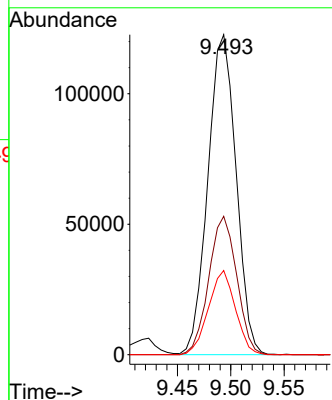
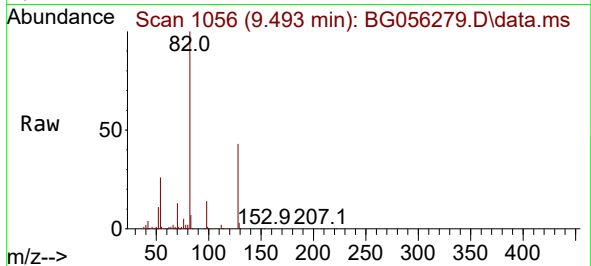




#23
Nitrobenzene-d5
Concen: 77.438 ng
RT: 9.493 min Scan# 1056
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

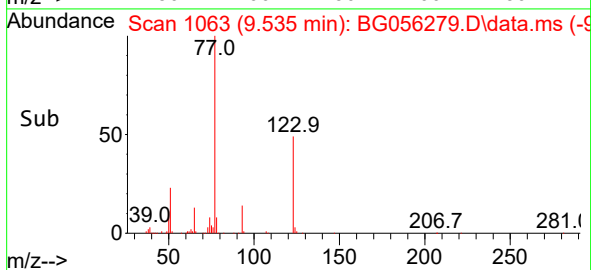
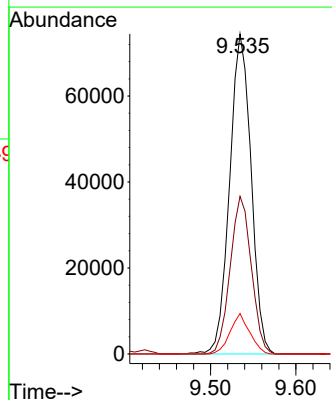
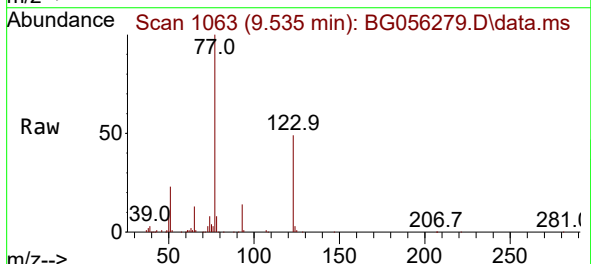
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

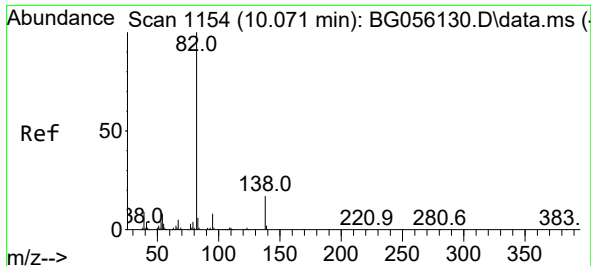
Tgt Ion: 82 Resp: 225803
Ion Ratio Lower Upper
82 100
128 43.2 33.4 50.2
54 26.3 20.3 30.5



#24
Nitrobenzene
Concen: 44.993 ng
RT: 9.535 min Scan# 1063
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion: 77 Resp: 130016
Ion Ratio Lower Upper
77 100
123 49.2 38.8 58.2
65 12.6 9.1 13.7

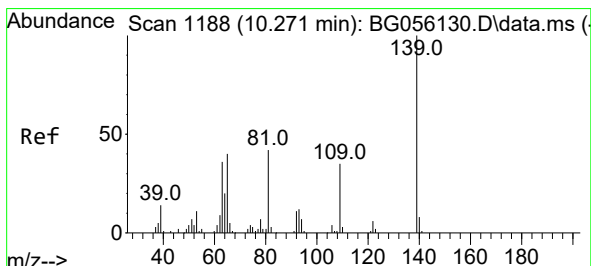
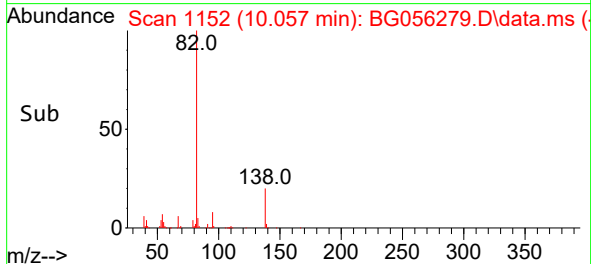
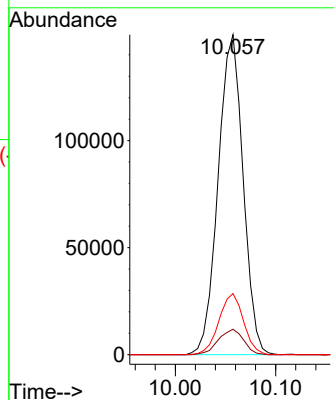
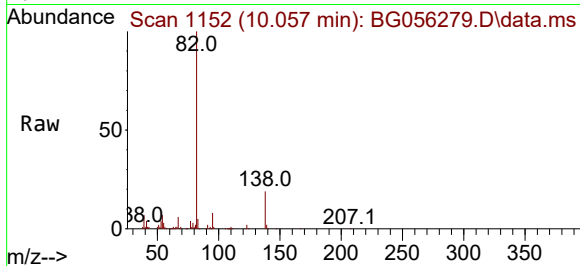




#25
Isophorone
Concen: 42.029 ng
RT: 10.057 min Scan# 1152
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

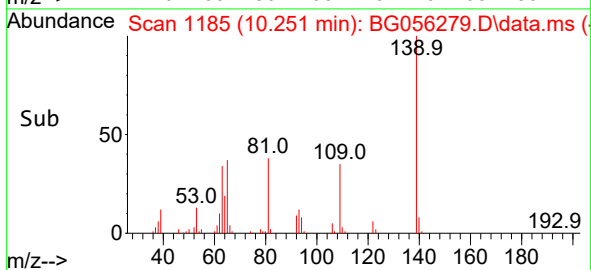
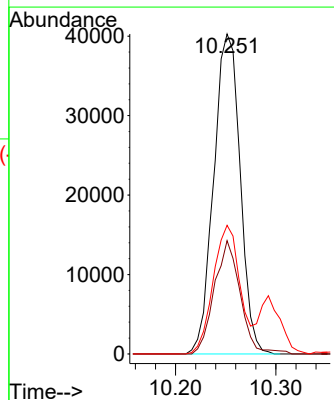
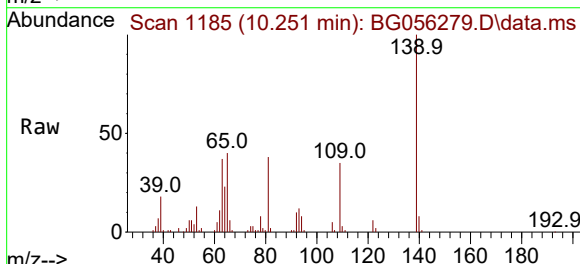
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

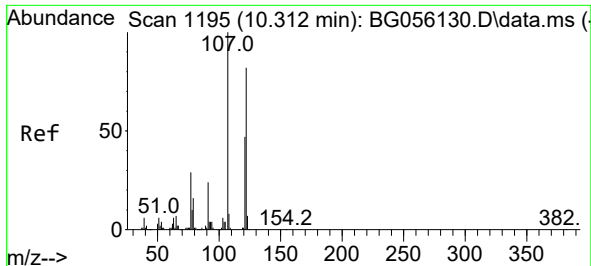
Tgt Ion: 82 Resp: 257850
Ion Ratio Lower Upper
82 100
95 8.0 6.7 10.1
138 19.1 13.7 20.5



#26
2-Nitrophenol
Concen: 49.767 ng
RT: 10.251 min Scan# 1185
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:139 Resp: 73580
Ion Ratio Lower Upper
139 100
109 35.4 28.4 42.6
65 40.2 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 49.173 ng

RT: 10.292 min Scan# 1195

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

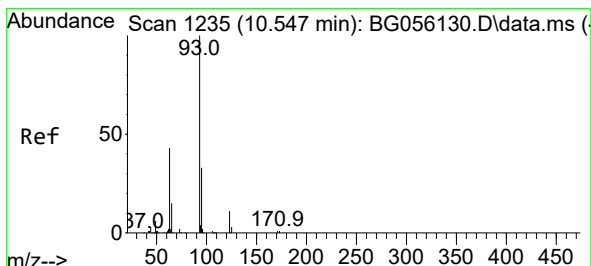
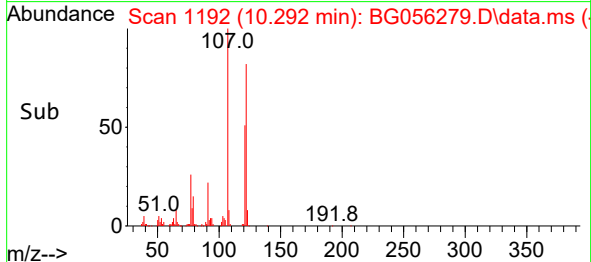
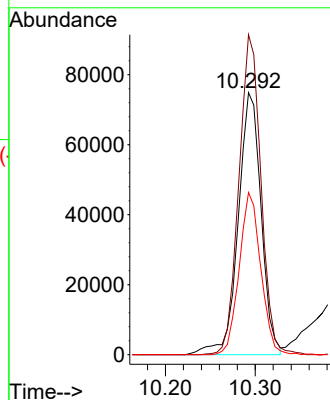
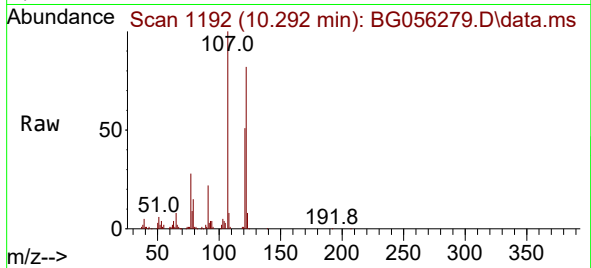
Tgt Ion:122 Resp: 132604

Ion Ratio Lower Upper

122 100

107 122.1 97.5 146.3

121 61.9 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 46.229 ng

RT: 10.533 min Scan# 1233

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

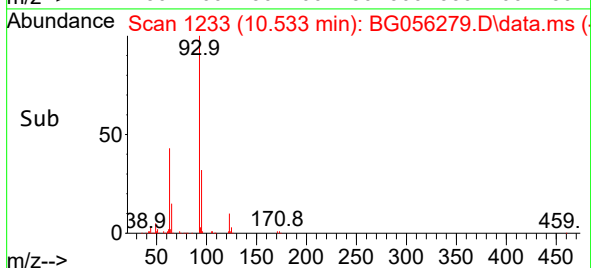
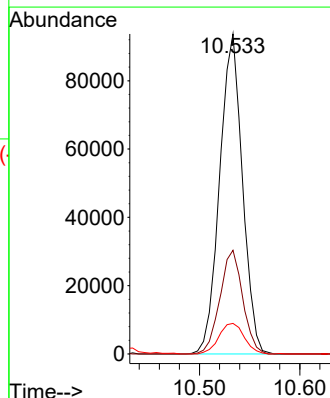
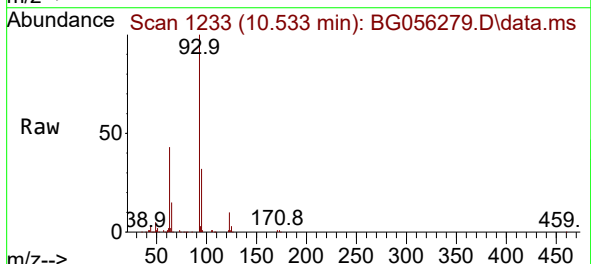
Tgt Ion: 93 Resp: 147410

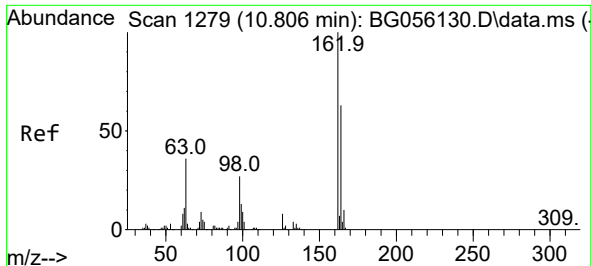
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 9.6 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 50.541 ng

RT: 10.786 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

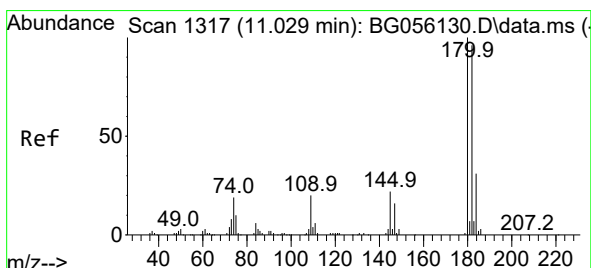
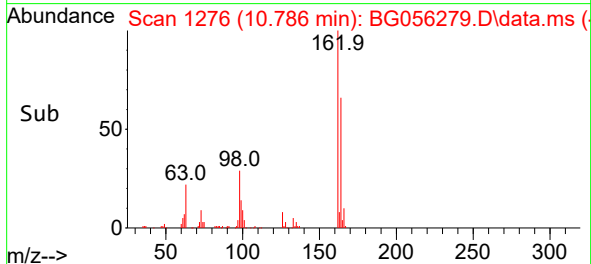
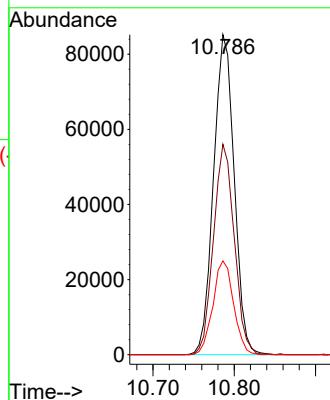
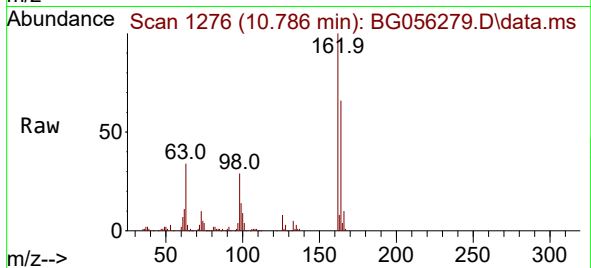
Tgt Ion:162 Resp: 150679

Ion Ratio Lower Upper

162 100

164 65.7 43.3 83.3

98 29.3 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 47.977 ng

RT: 11.009 min Scan# 1314

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

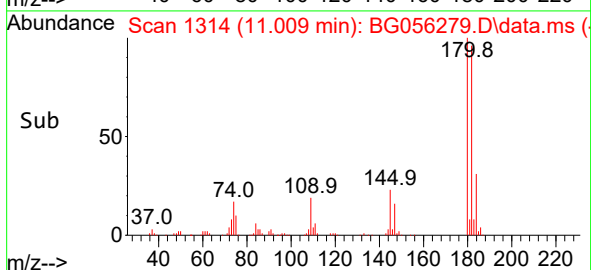
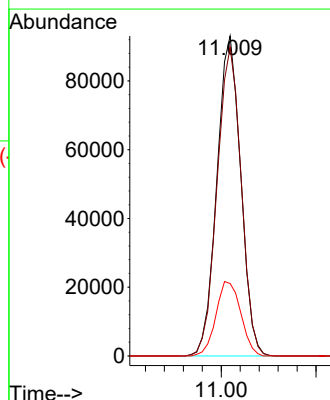
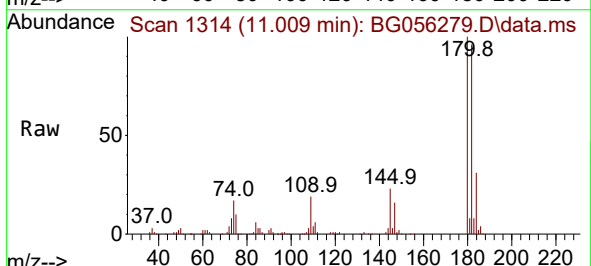
Tgt Ion:180 Resp: 162317

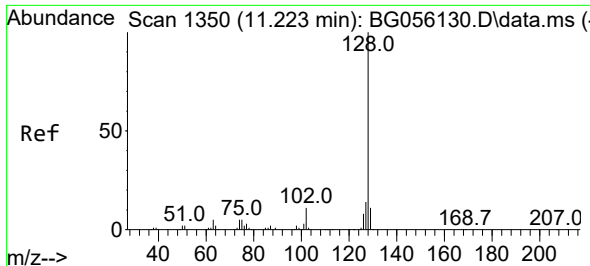
Ion Ratio Lower Upper

180 100

182 96.5 77.0 115.4

145 22.6 17.4 26.2

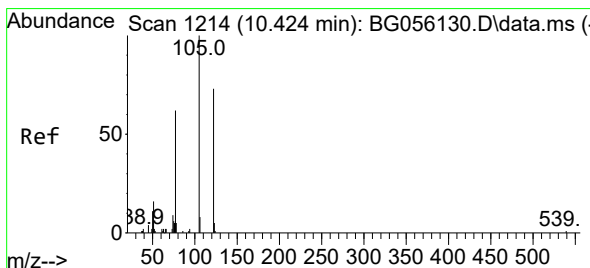
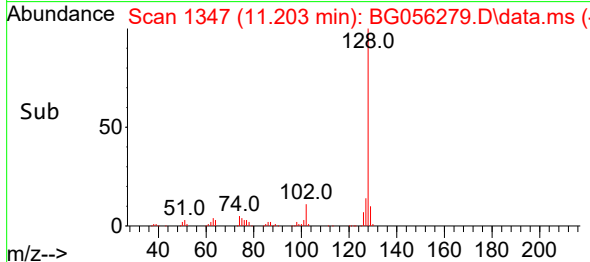
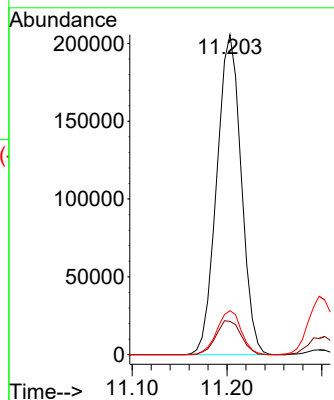
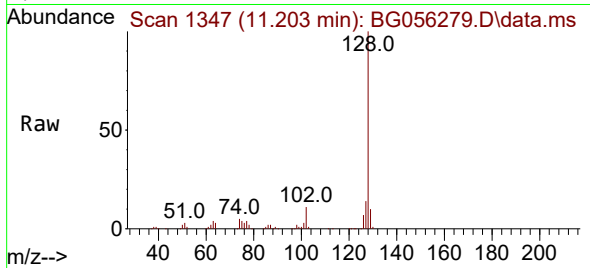




#31
Naphthalene
Concen: 46.941 ng
RT: 11.203 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

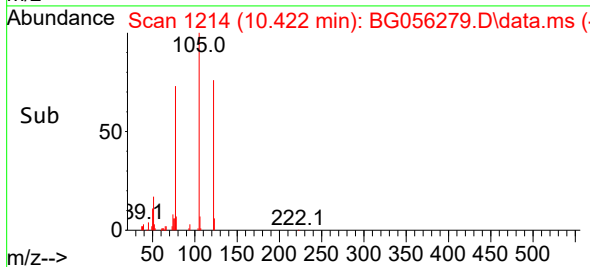
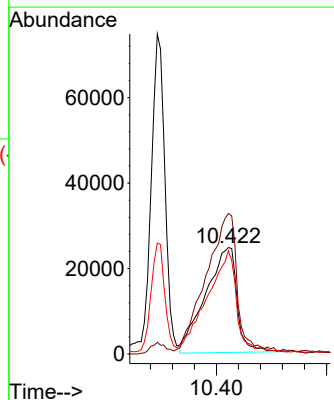
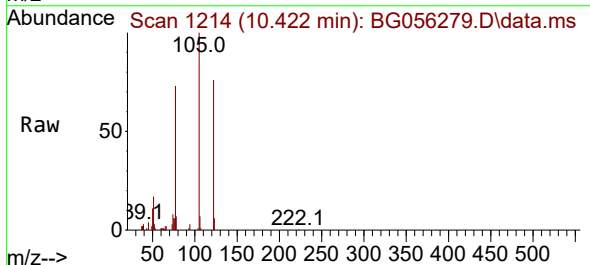
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

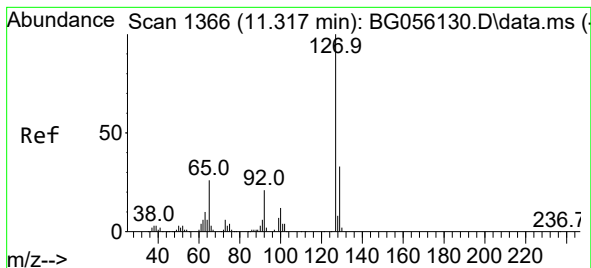
Tgt Ion:128 Resp: 368470
Ion Ratio Lower Upper
128 100
129 10.4 8.9 13.3
127 13.8 11.2 16.8



#32
Benzoic acid
Concen: 48.669 ng
RT: 10.422 min Scan# 1214
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:122 Resp: 97378
Ion Ratio Lower Upper
122 100
105 131.9 109.0 149.0
77 96.9 63.1 103.1

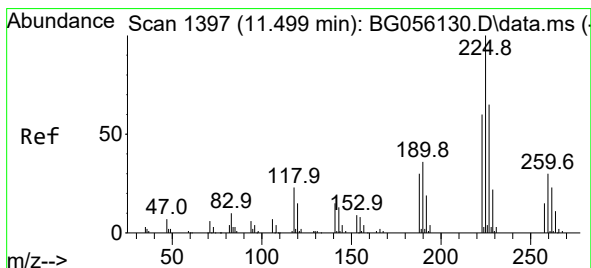
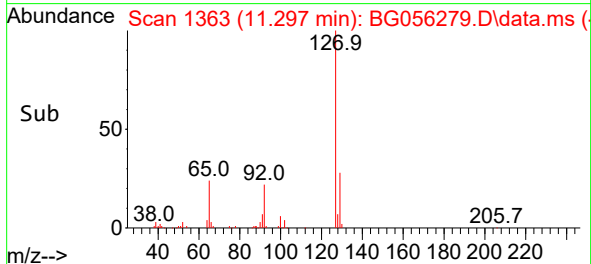
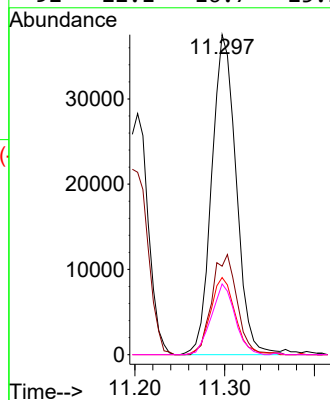
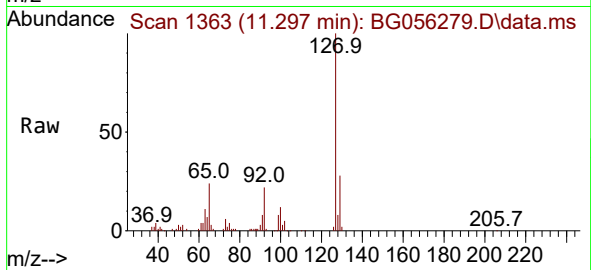




#33
4-Chloroaniline
Concen: 18.929 ng
RT: 11.297 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

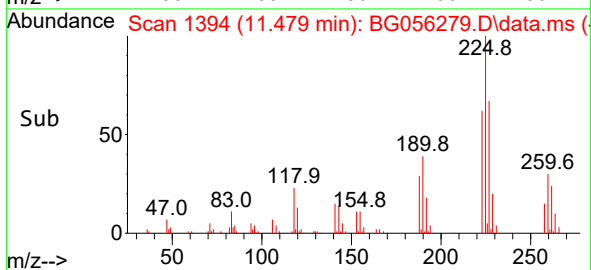
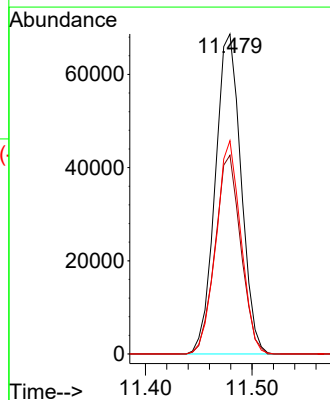
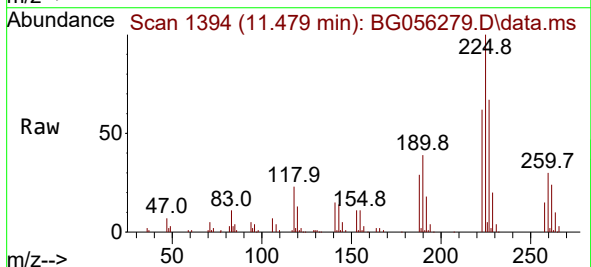
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

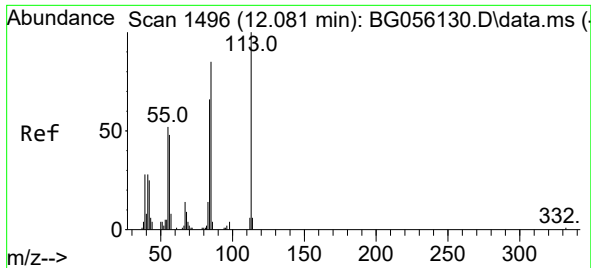
Tgt Ion:127	Resp:	70940
Ion Ratio	Lower	Upper
127	100	
129	27.6	26.1 39.1
65	24.1	20.9 31.3
92	22.1	16.7 25.1



#34
Hexachlorobutadiene
Concen: 47.384 ng
RT: 11.479 min Scan# 1394
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:225	Resp:	115298
Ion Ratio	Lower	Upper
225	100	
223	62.1	47.7 71.5
227	66.7	52.3 78.5

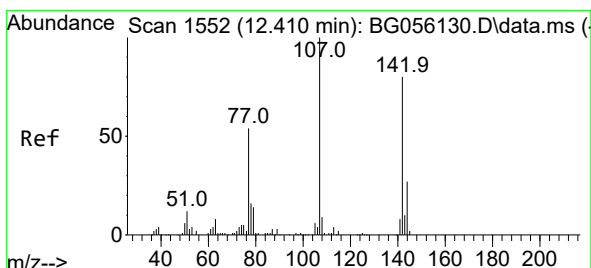
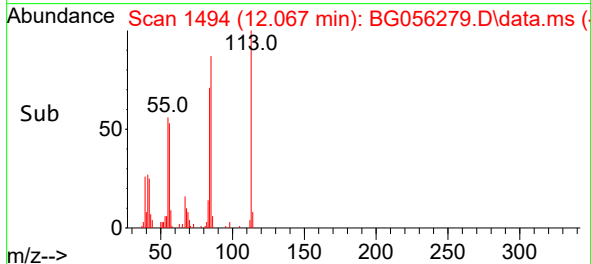
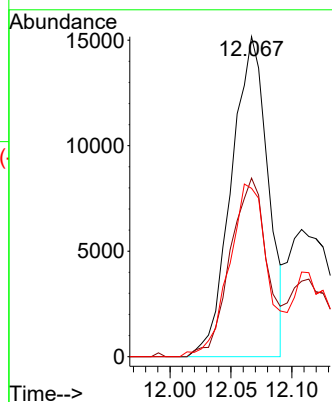
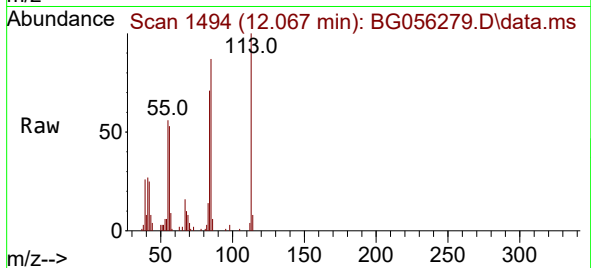




#35
 Caprolactam
 Concen: 31.523 ng
 RT: 12.067 min Scan# 1496
 Delta R.T. 0.007 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

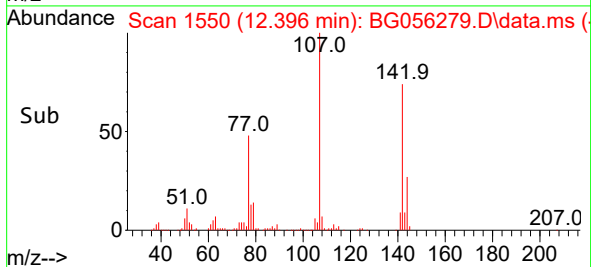
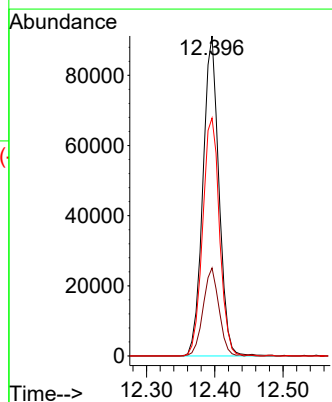
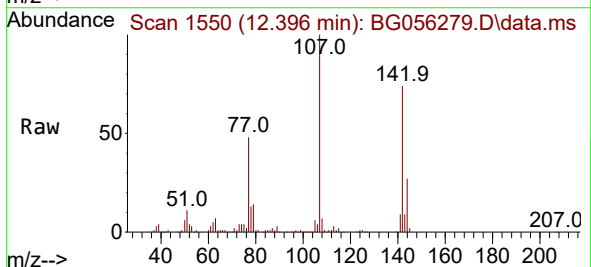
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207MS

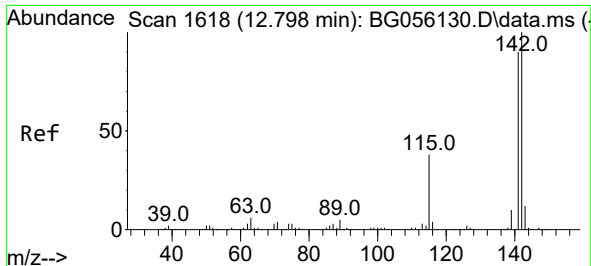
Tgt Ion:113 Resp: 31819
 Ion Ratio Lower Upper
 113 100
 55 55.8 31.9 71.9
 56 52.6 27.6 67.6



#36
 4-Chloro-3-methylphenol
 Concen: 49.194 ng
 RT: 12.396 min Scan# 1550
 Delta R.T. 0.007 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

Tgt Ion:107 Resp: 148822
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.5 32.3
 142 74.4 63.8 95.6

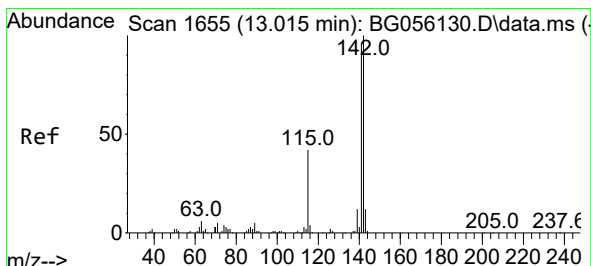
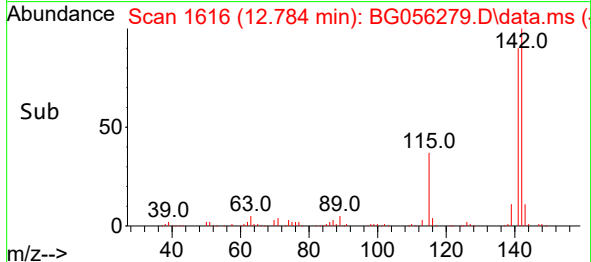
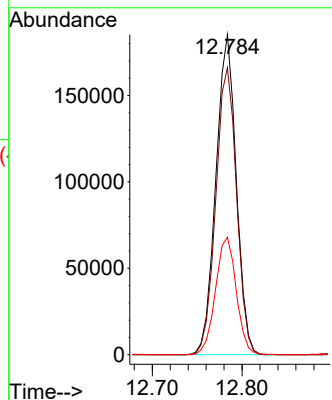
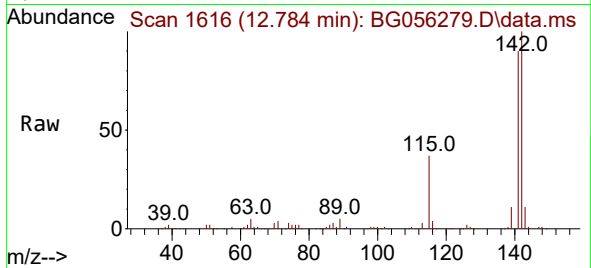




#37
2-Methylnaphthalene
Concen: 43.987 ng
RT: 12.784 min Scan# 1616
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

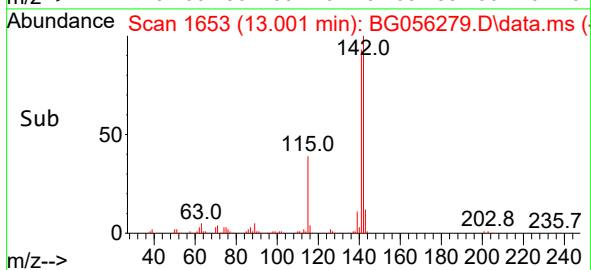
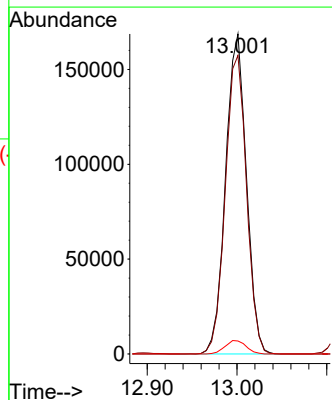
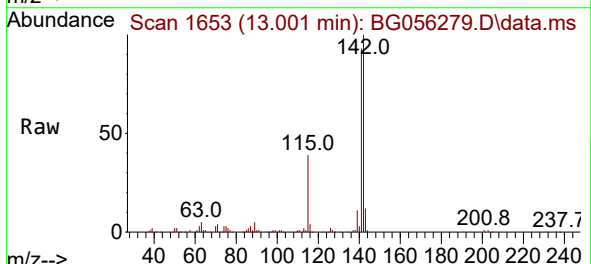
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

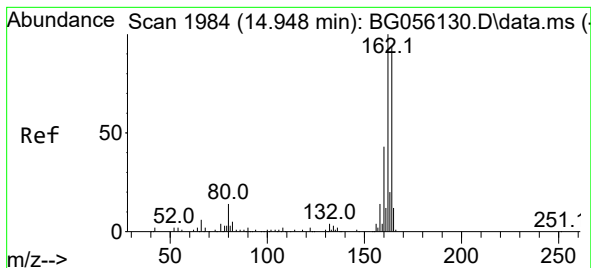
Tgt Ion:142 Resp: 291547
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.4
115 36.7 30.7 46.1



#38
1-Methylnaphthalene
Concen: 44.129 ng
RT: 13.001 min Scan# 1653
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:142 Resp: 271611
Ion Ratio Lower Upper
142 100
141 93.3 77.0 115.6
116 4.0 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.934 min Scan# 1984

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

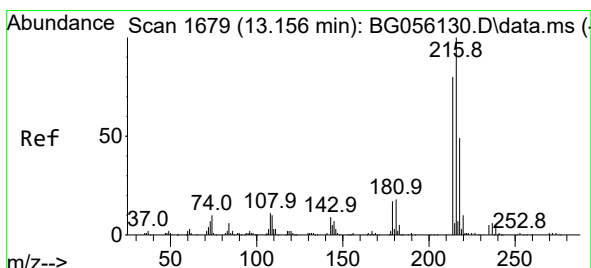
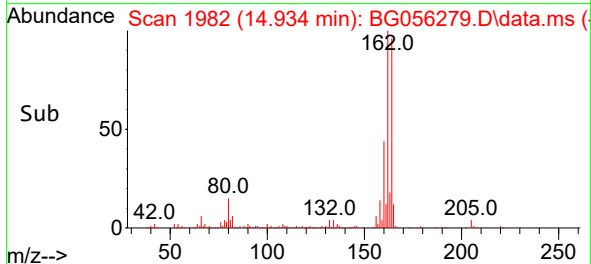
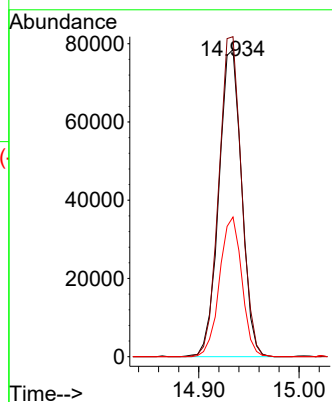
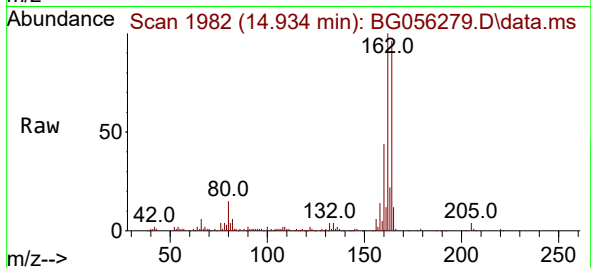
Tgt Ion:164 Resp: 123664

Ion Ratio Lower Upper

164 100

162 104.2 84.7 127.1

160 45.5 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.058 ng

RT: 13.142 min Scan# 1677

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Tgt Ion:216 Resp: 222745

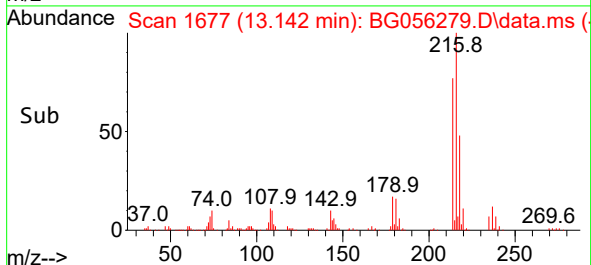
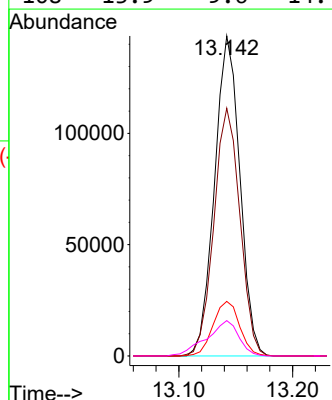
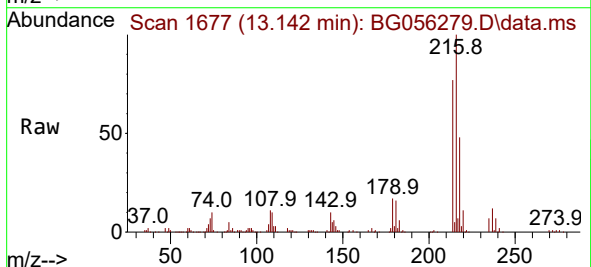
Ion Ratio Lower Upper

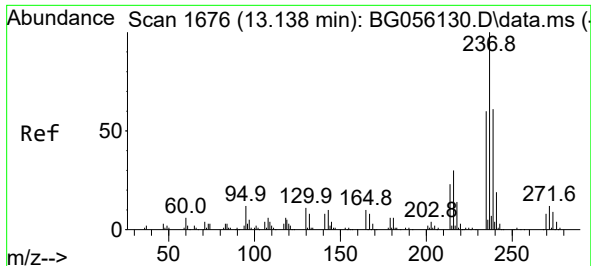
216 100

214 79.5 63.4 95.0

179 17.9 13.6 20.4

108 13.9 9.6 14.4

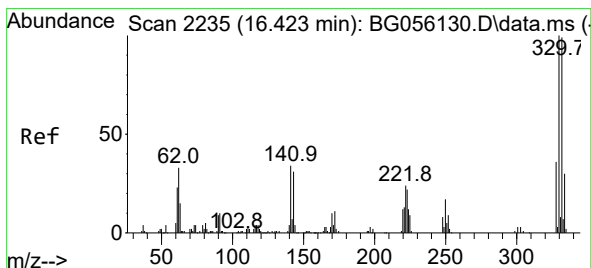
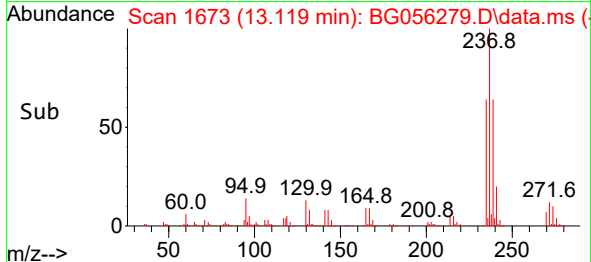
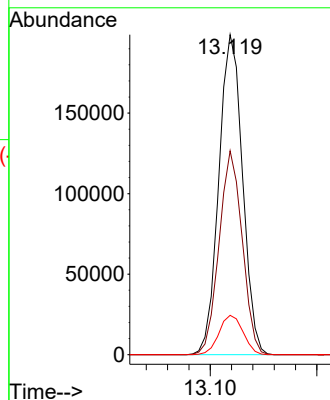
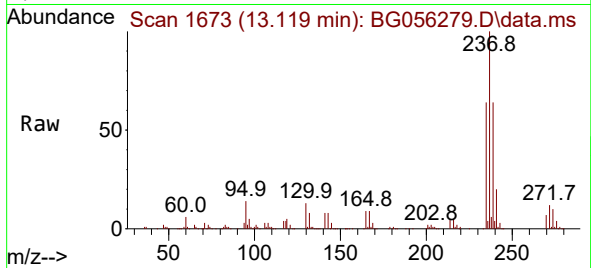




#41
Hexachlorocyclopentadiene
Concen: 115.987 ng
RT: 13.119 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

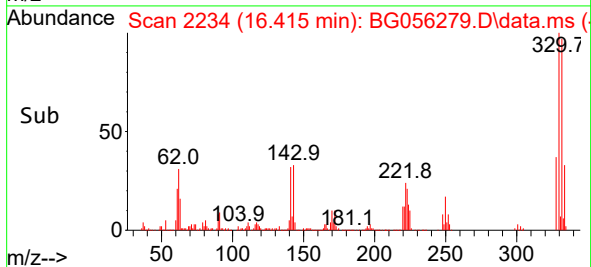
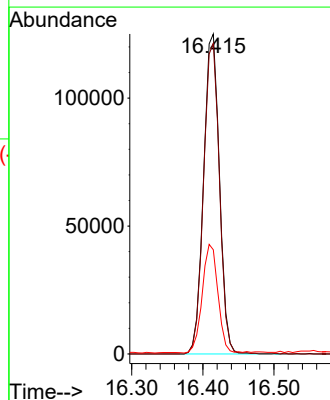
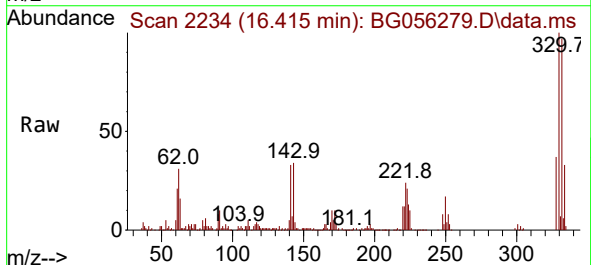
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

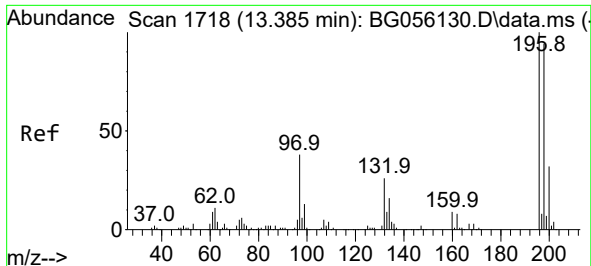
Tgt Ion:237 Resp: 306492
Ion Ratio Lower Upper
237 100
235 63.7 40.3 80.3
272 12.3 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 124.036 ng
RT: 16.415 min Scan# 2234
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:330 Resp: 194264
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 33.6 27.9 41.9





#43

2,4,6-Trichlorophenol

Concen: 50.465 ng

RT: 13.371 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

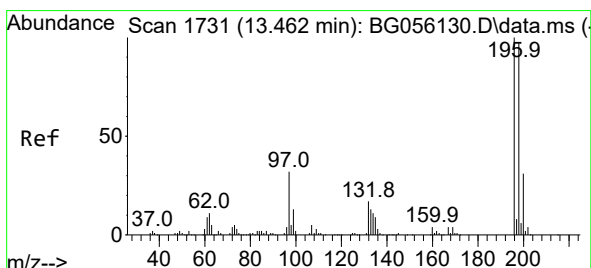
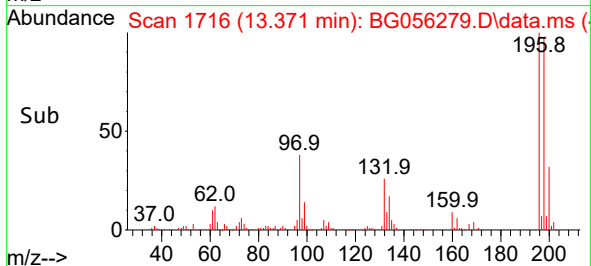
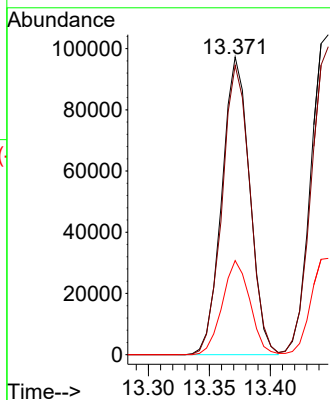
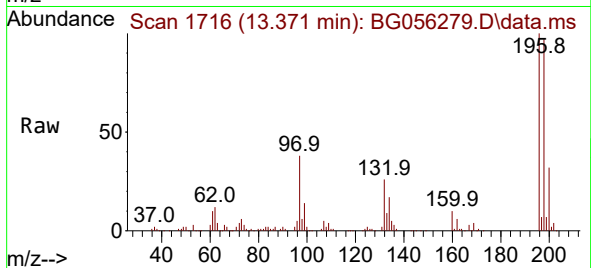
Tgt Ion:196 Resp: 154665

Ion Ratio Lower Upper

196 100

198 97.1 75.5 113.3

200 31.6 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 47.560 ng

RT: 13.448 min Scan# 1729

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Tgt Ion:196 Resp: 172425

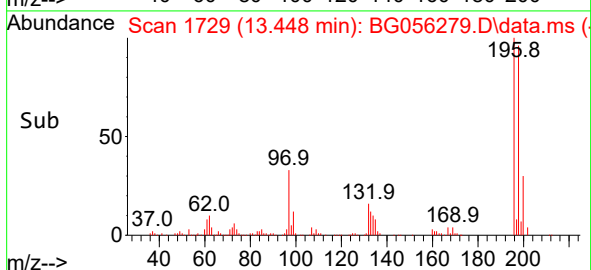
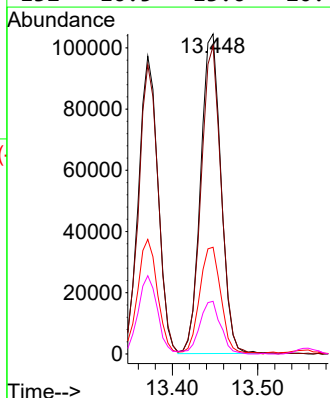
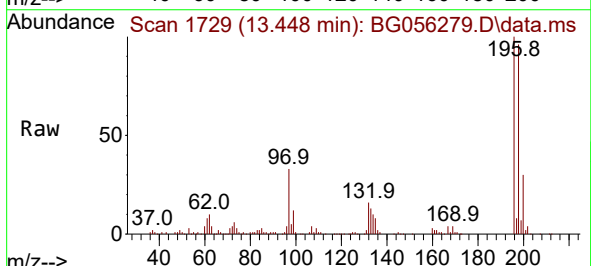
Ion Ratio Lower Upper

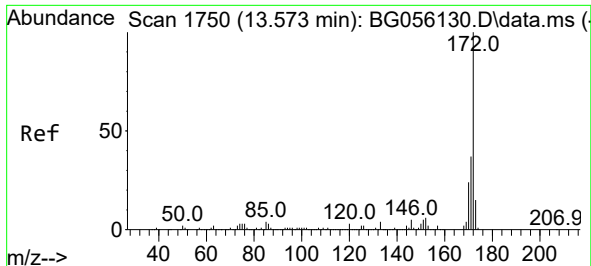
196 100

198 96.2 78.0 117.0

97 33.4 25.7 38.5

132 16.5 13.6 20.4

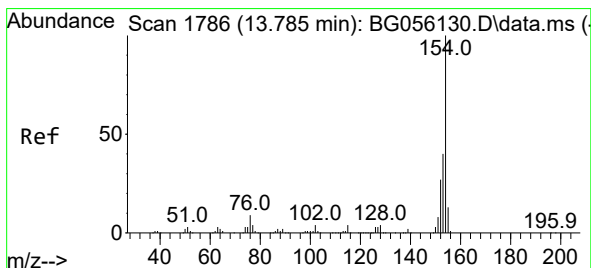
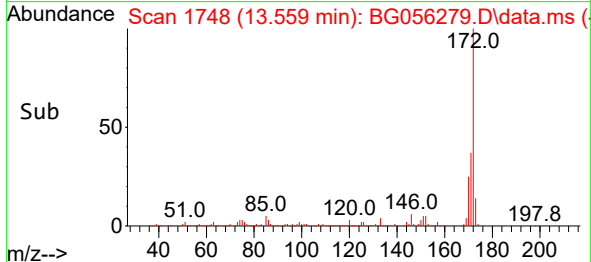
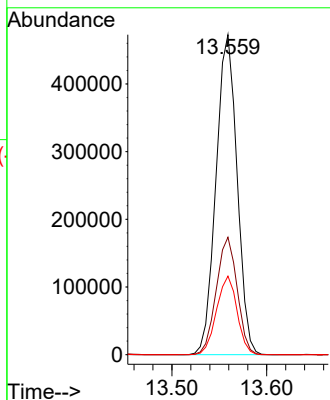
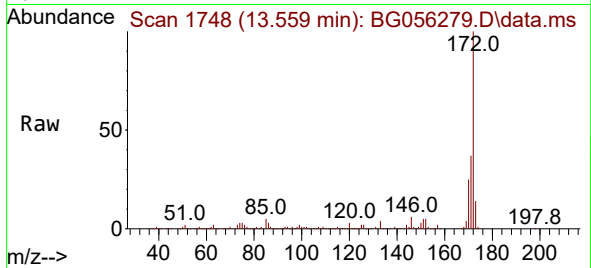




#45
2-Fluorobiphenyl
Concen: 81.641 ng
RT: 13.559 min Scan# 1750
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

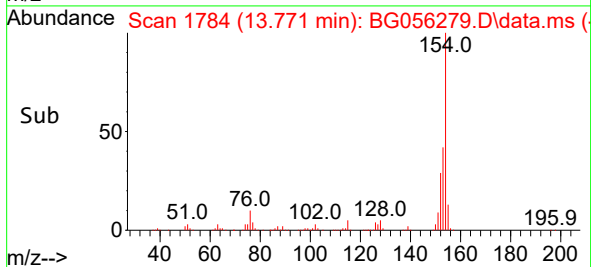
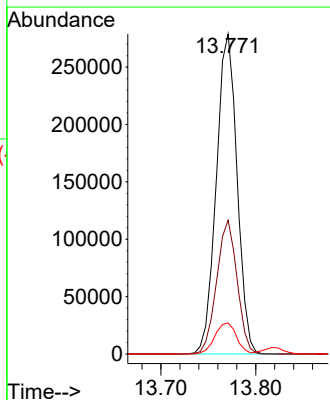
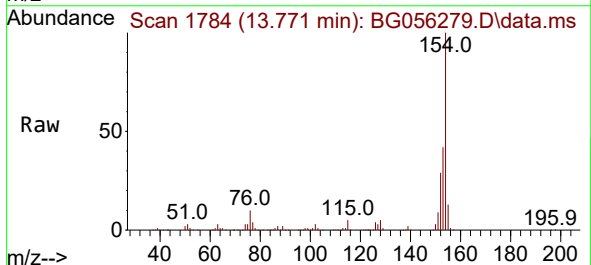
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

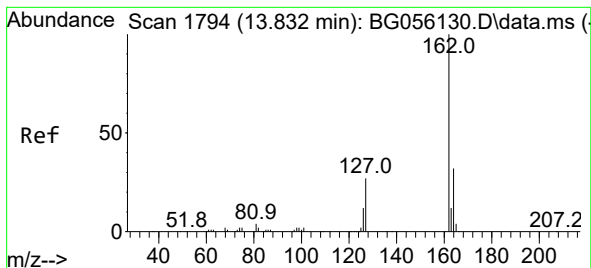
Tgt Ion:172 Resp: 731121
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.5 19.4 29.2



#46
1,1'-Biphenyl
Concen: 47.958 ng
RT: 13.771 min Scan# 1784
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:154 Resp: 424733
Ion Ratio Lower Upper
154 100
153 41.8 20.0 60.0
76 9.7 0.0 29.3





#47

2-Chloronaphthalene

Concen: 49.310 ng

RT: 13.818 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

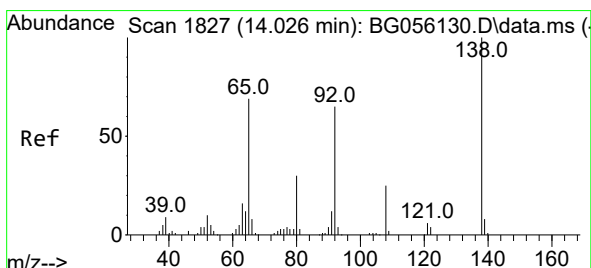
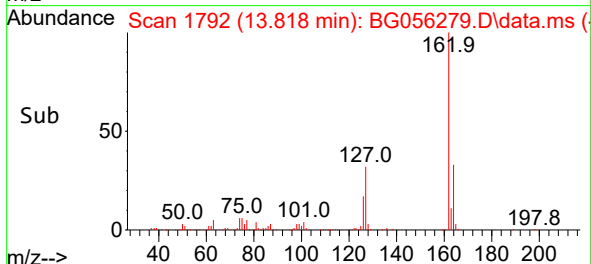
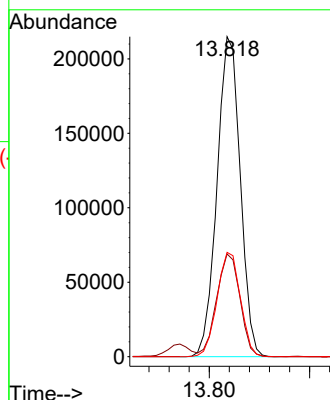
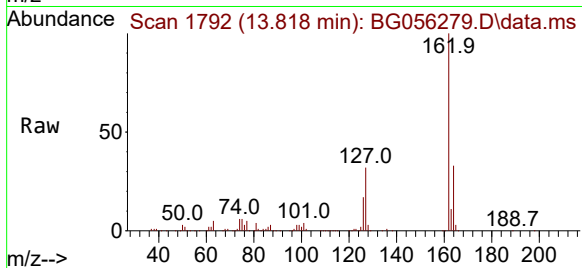
Tgt Ion:162 Resp: 344704

Ion Ratio Lower Upper

162 100

127 32.1 24.6 36.8

164 32.6 25.8 38.8



#48

2-Nitroaniline

Concen: 49.227 ng

RT: 14.012 min Scan# 1825

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

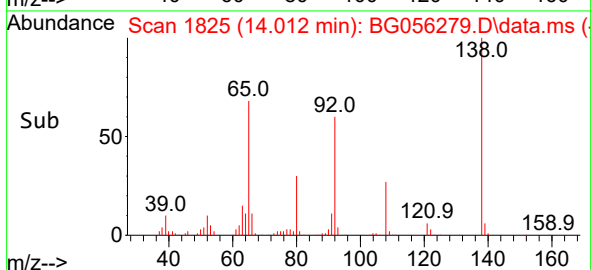
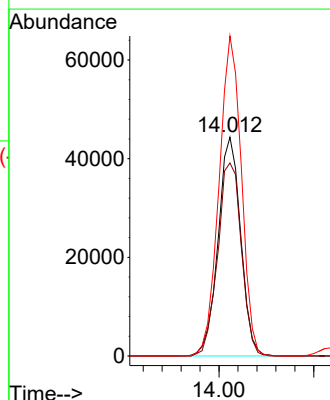
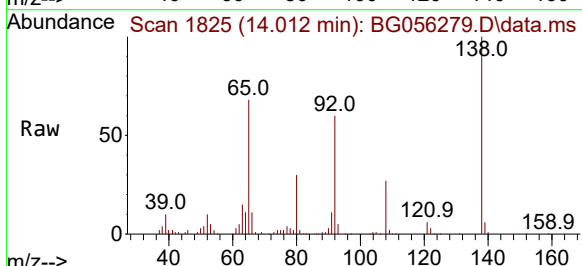
Tgt Ion: 65 Resp: 73320

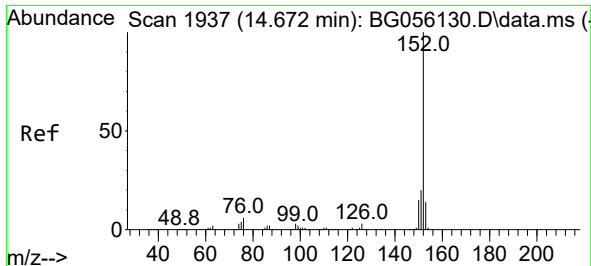
Ion Ratio Lower Upper

65 100

92 88.2 76.0 114.0

138 146.3 116.6 174.8

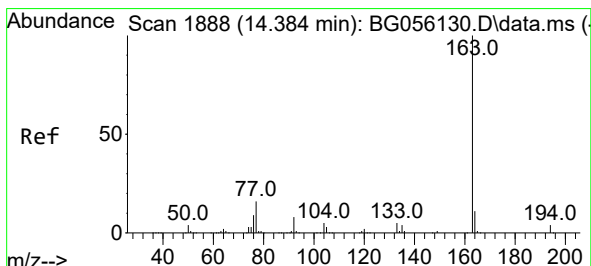
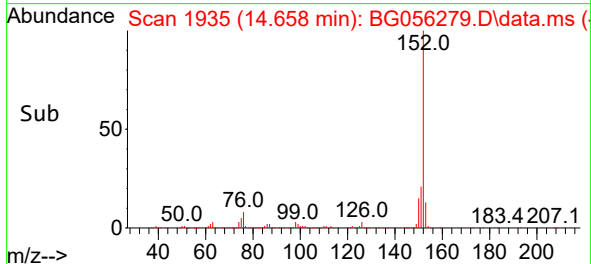
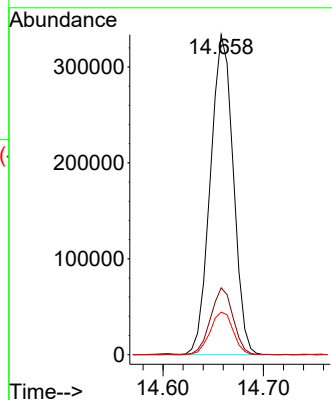
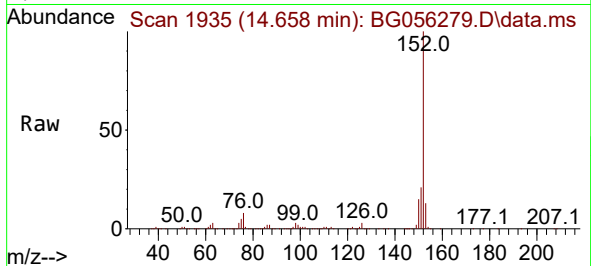




#49
Acenaphthylene
Concen: 46.561 ng
RT: 14.658 min Scan# 1935
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

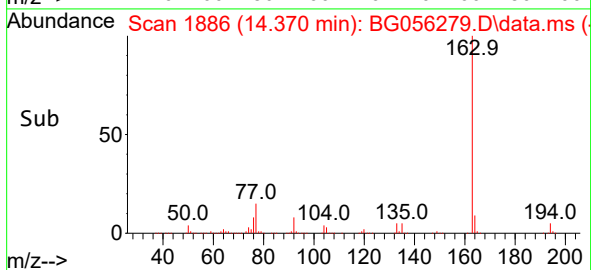
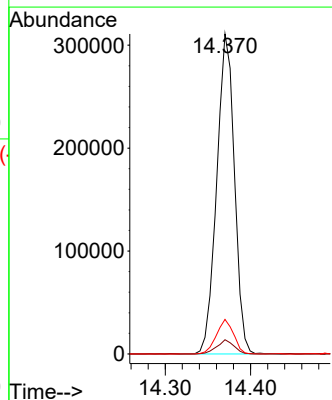
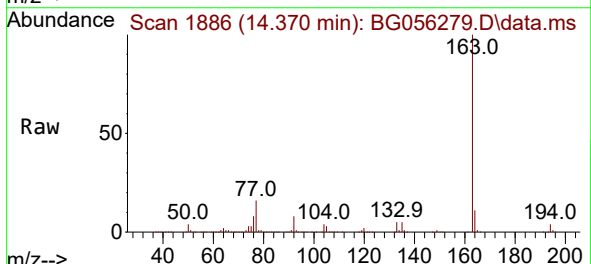
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

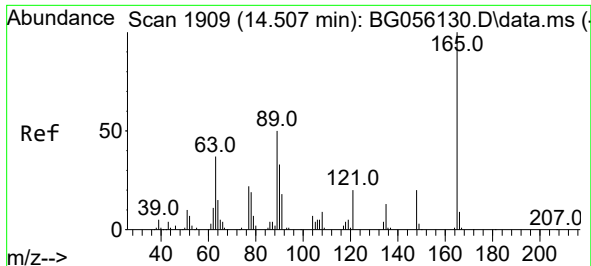
Tgt Ion:152 Resp: 529675
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 13.3 11.0 16.6



#50
Dimethylphthalate
Concen: 45.039 ng
RT: 14.370 min Scan# 1886
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:163 Resp: 449620
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.8 8.7 13.1

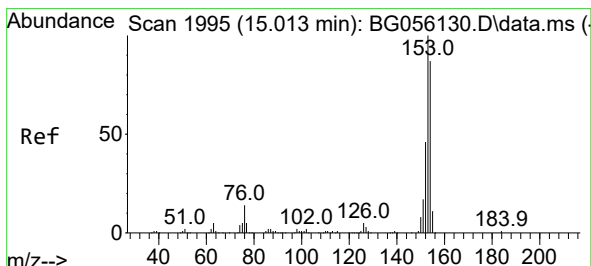
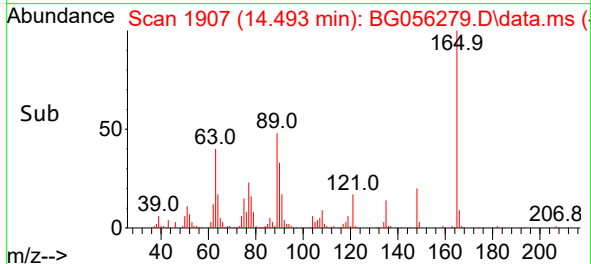
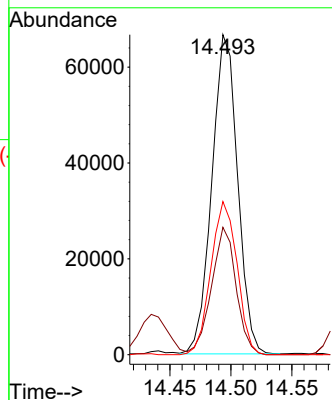
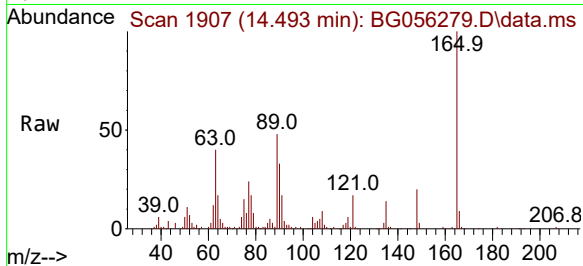




#51
2,6-Dinitrotoluene
Concen: 46.097 ng
RT: 14.493 min Scan# 1909
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

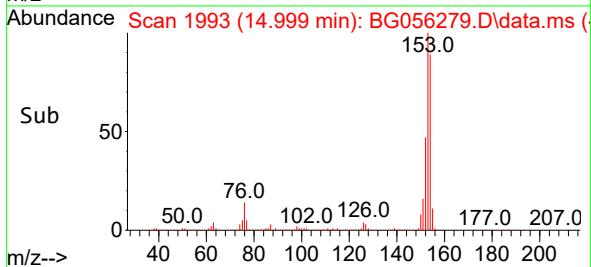
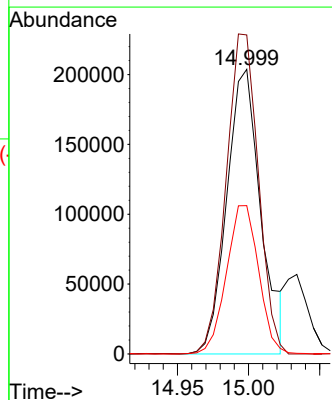
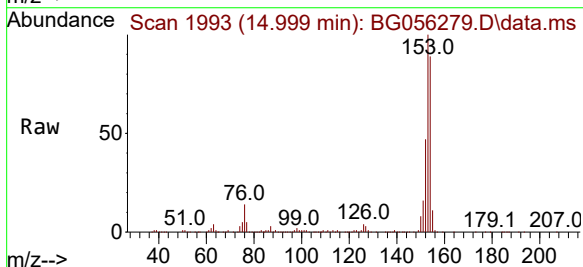
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

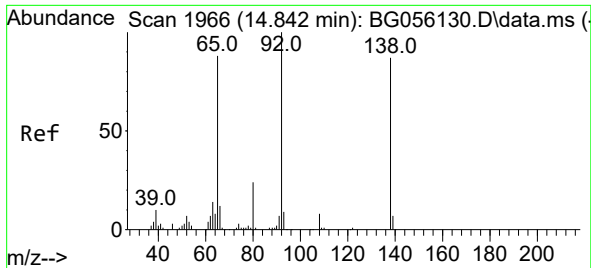
Tgt Ion:165 Resp: 98057
Ion Ratio Lower Upper
165 100
63 39.8 32.2 48.2
89 47.8 39.8 59.8



#52
Acenaphthene
Concen: 45.948 ng
RT: 14.999 min Scan# 1993
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:154 Resp: 339958
Ion Ratio Lower Upper
154 100
153 112.1 92.0 138.0
152 52.1 42.5 63.7

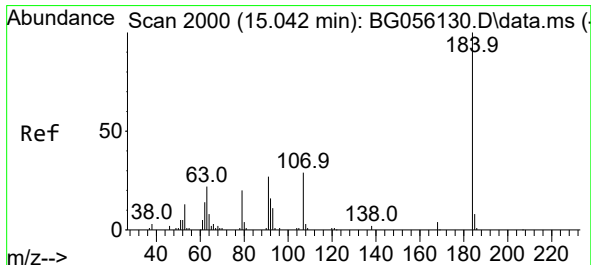
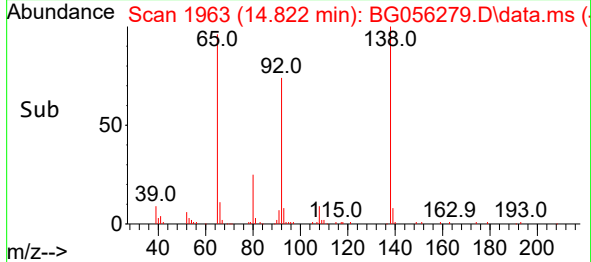
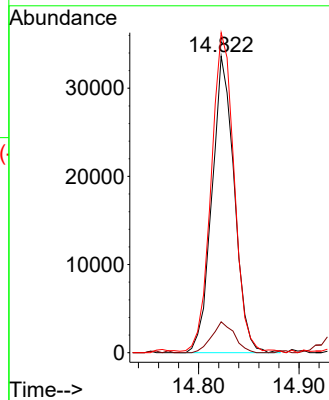
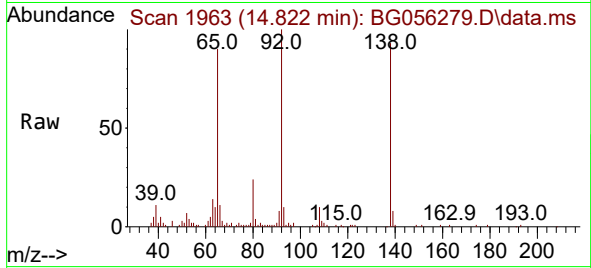




#53
3-Nitroaniline
Concen: 25.712 ng
RT: 14.822 min Scan# 1963
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

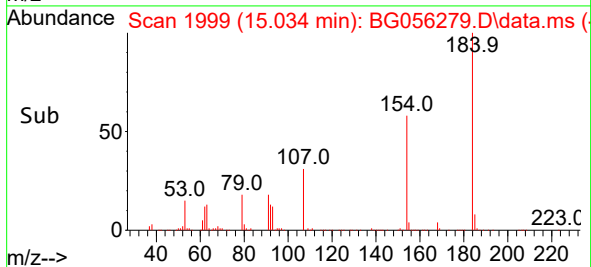
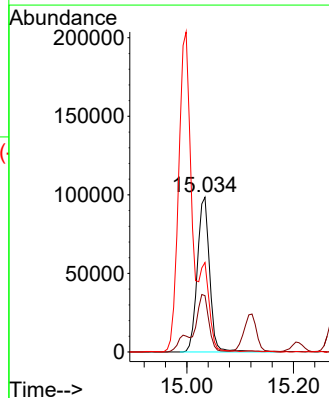
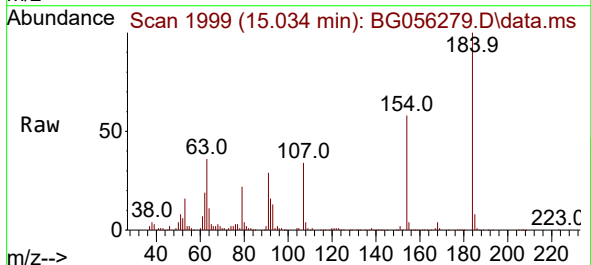
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

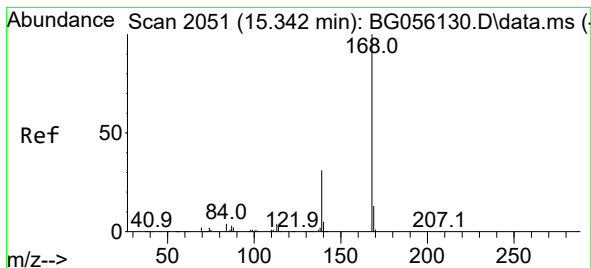
Tgt Ion:138 Resp: 52052
Ion Ratio Lower Upper
138 100
108 10.4 7.6 11.4
92 107.9 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 104.332 ng
RT: 15.034 min Scan# 1999
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:184 Resp: 158547
Ion Ratio Lower Upper
184 100
63 36.4 24.0 36.0#
154 57.9 45.4 68.0





#55

Dibenzofuran

Concen: 46.162 ng

RT: 15.328 min Scan# 2051

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

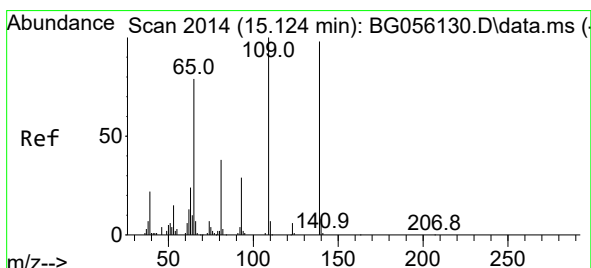
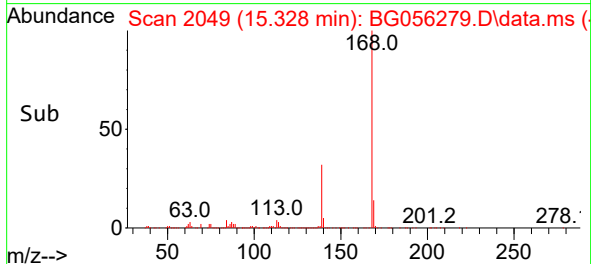
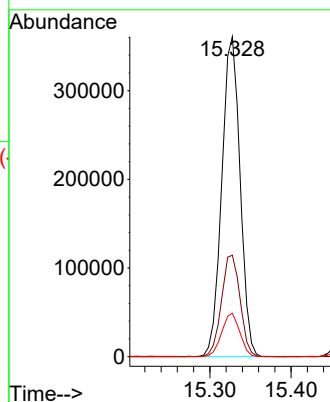
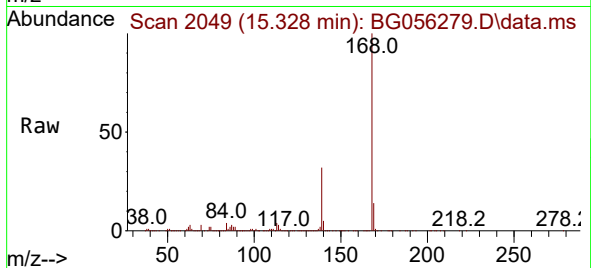
Tgt Ion:168 Resp: 565185

Ion Ratio Lower Upper

168 100

139 31.7 24.7 37.1

169 13.6 10.3 15.5



#56

4-Nitrophenol

Concen: 100.077 ng

RT: 15.122 min Scan# 2014

Delta R.T. 0.013 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

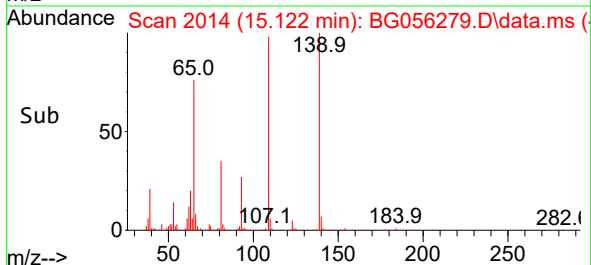
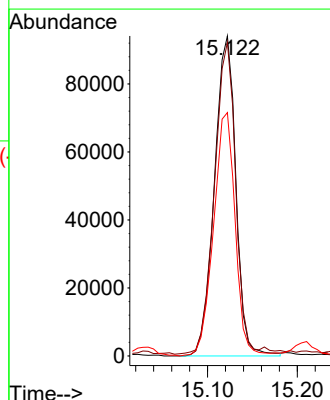
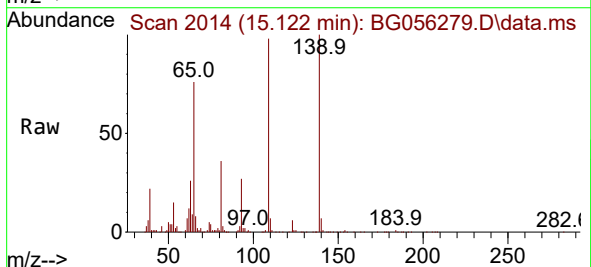
Tgt Ion:139 Resp: 155818

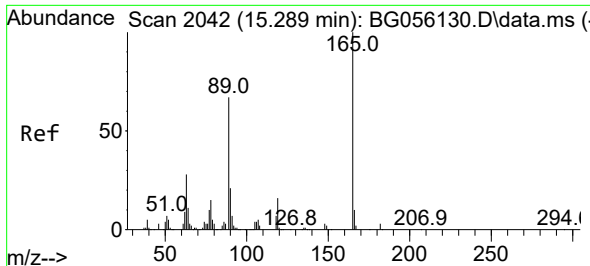
Ion Ratio Lower Upper

139 100

109 98.1 82.2 122.2

65 76.1 60.6 100.6





#57

2,4-Dinitrotoluene

Concen: 48.200 ng

RT: 15.281 min Scan# 2042

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

Tgt Ion:165 Resp: 143390

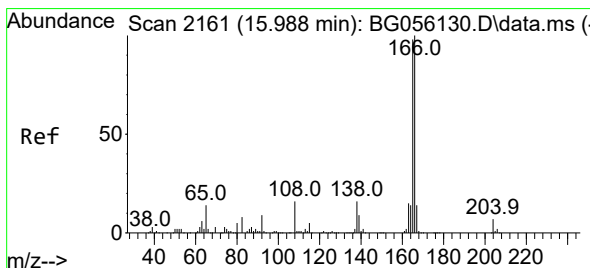
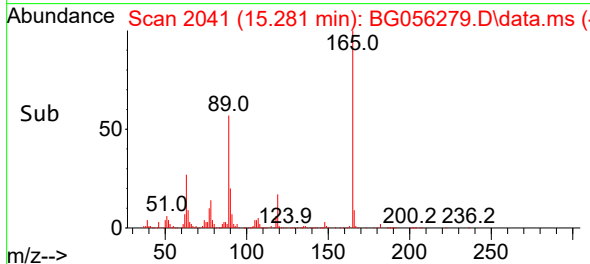
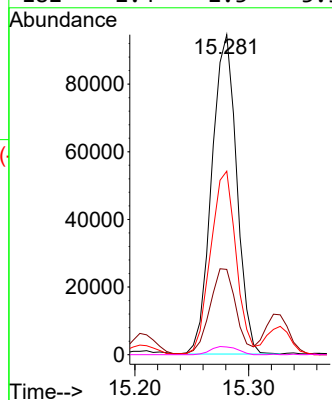
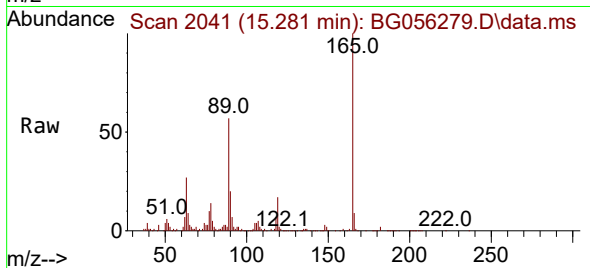
Ion Ratio Lower Upper

165 100

63 26.7 22.6 34.0

89 57.3 53.2 79.8

182 2.4 2.3 3.5



#58

Fluorene

Concen: 45.859 ng

RT: 15.974 min Scan# 2159

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

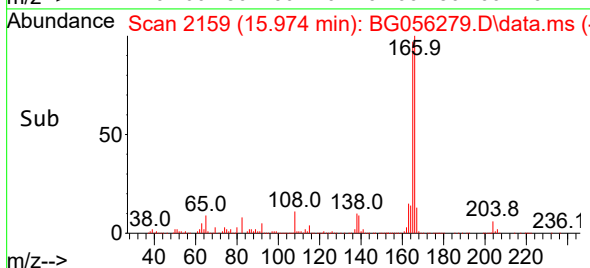
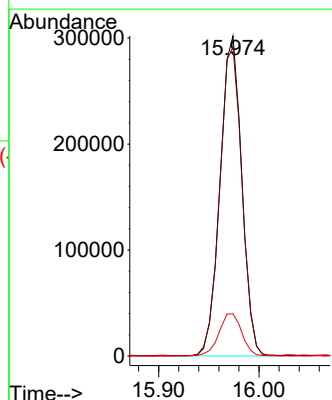
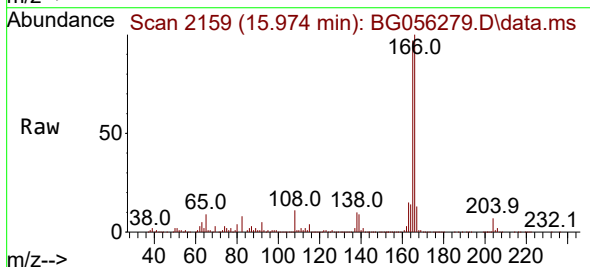
Tgt Ion:166 Resp: 451607

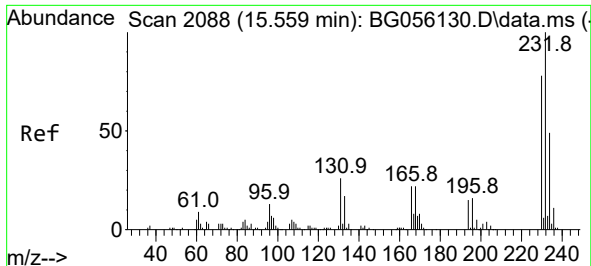
Ion Ratio Lower Upper

166 100

165 96.5 78.6 118.0

167 13.2 11.1 16.7

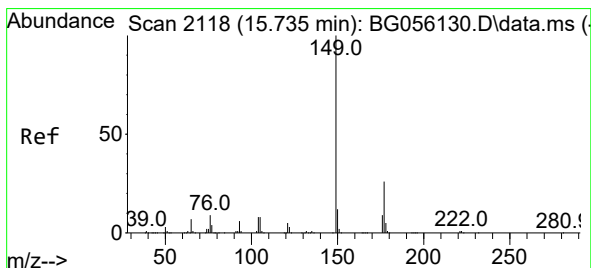
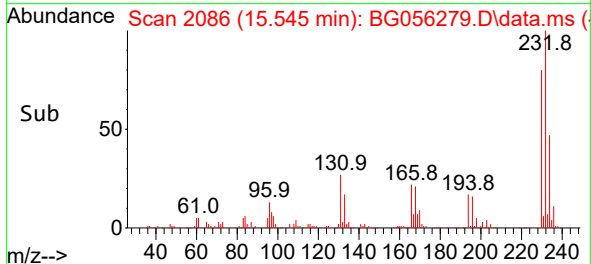
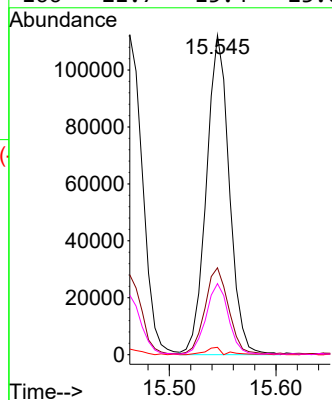
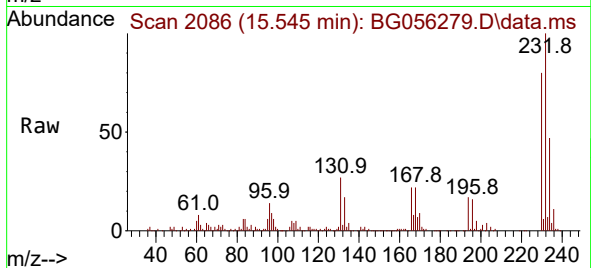




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.276 ng
RT: 15.545 min Scan# 2086
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

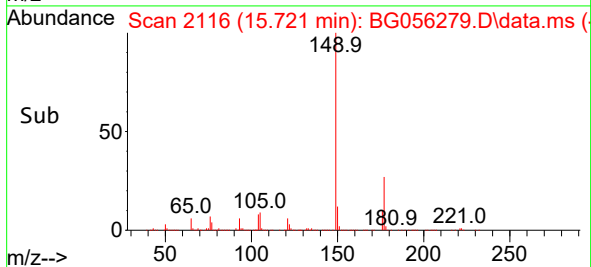
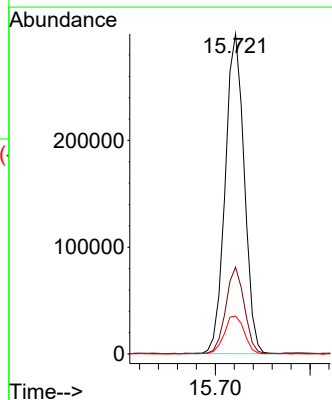
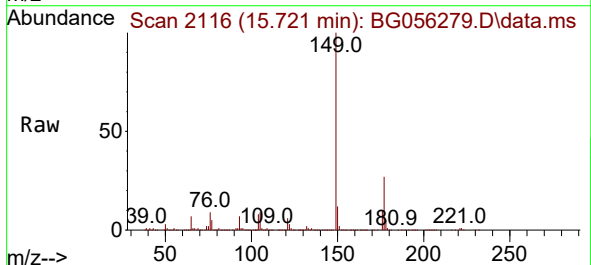
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

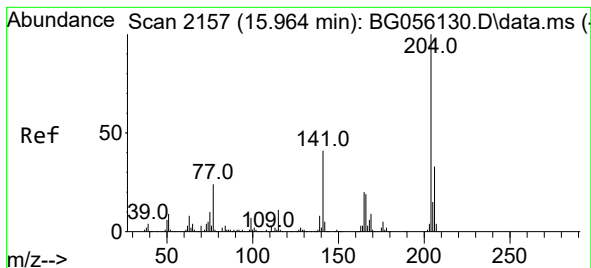
Tgt Ion:232 Resp: 167740
Ion Ratio Lower Upper
232 100
131 27.9 21.4 32.2
130 2.0 1.4 2.0
166 21.7 15.4 23.0



#60
Diethylphthalate
Concen: 44.479 ng
RT: 15.721 min Scan# 2116
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:149 Resp: 416418
Ion Ratio Lower Upper
149 100
177 27.2 20.6 31.0
150 11.9 9.9 14.9

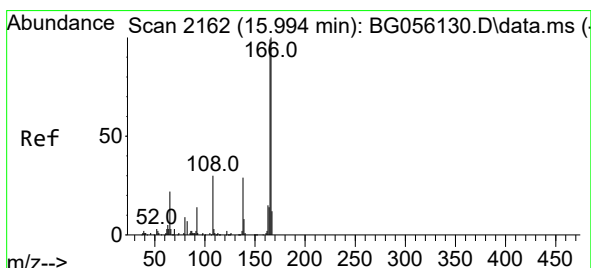
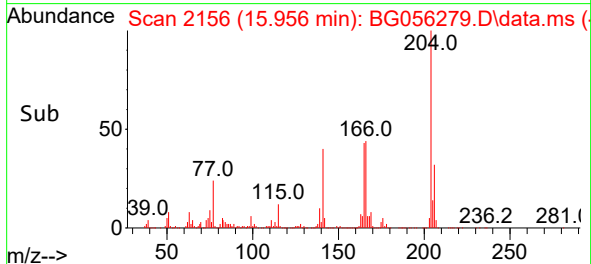
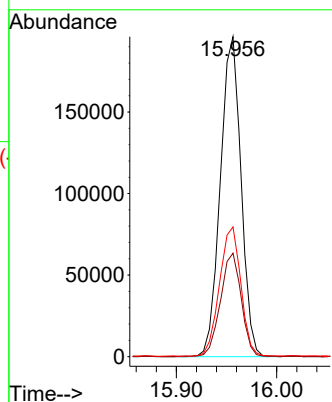
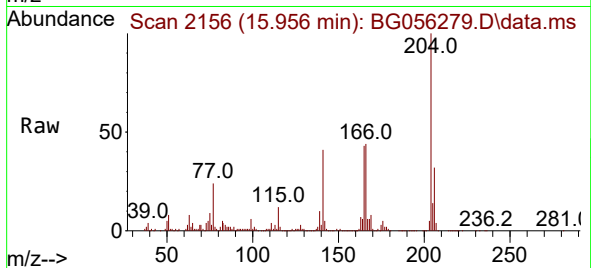




#61
4-Chlorophenyl-phenylether
Concen: 45.619 ng
RT: 15.956 min Scan# 2156
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

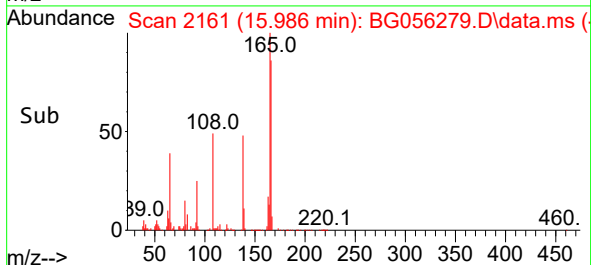
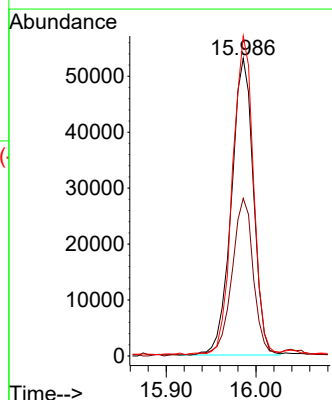
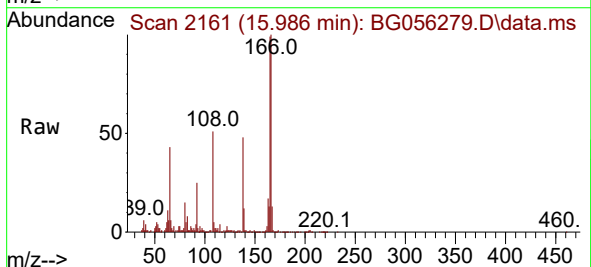
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

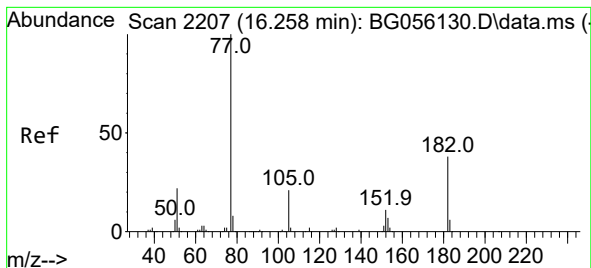
Tgt Ion:204 Resp: 280355
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 40.6 33.0 49.4



#62
4-Nitroaniline
Concen: 43.545 ng
RT: 15.986 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:138 Resp: 90300
Ion Ratio Lower Upper
138 100
92 53.0 28.6 68.6
108 107.6 83.4 123.4





#63

Azobenzene

Concen: 53.697 ng

RT: 16.250 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

Tgt Ion: 77 Resp: 387940

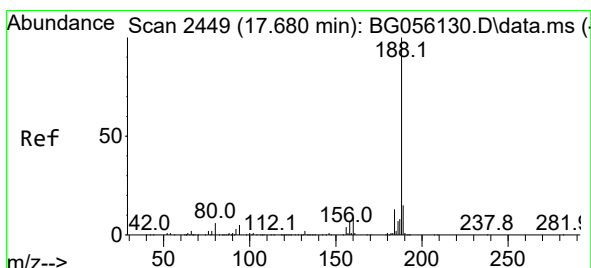
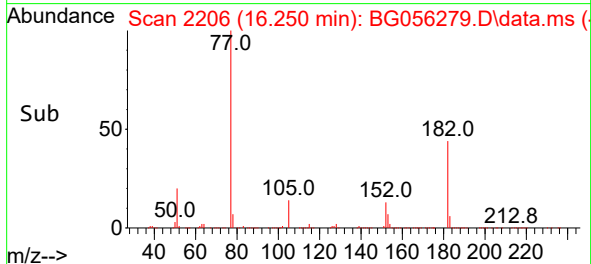
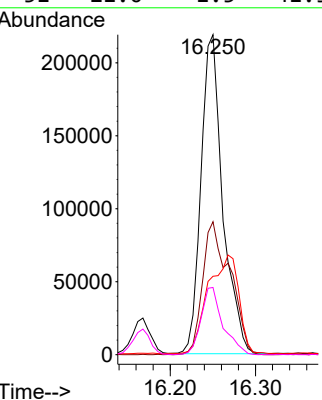
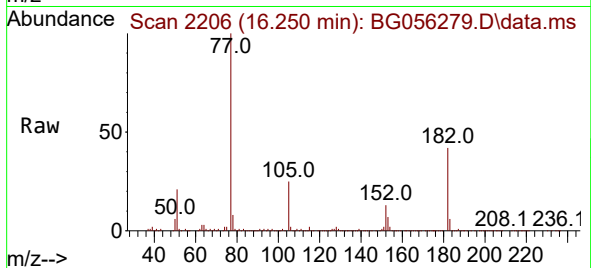
Ion Ratio Lower Upper

77 100

182 41.5 18.5 58.5

105 24.5 1.4 41.4

51 21.0 1.5 41.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.666 min Scan# 2447

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

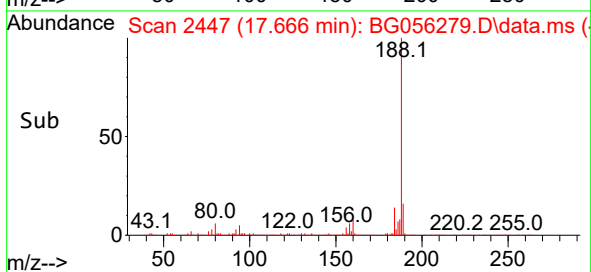
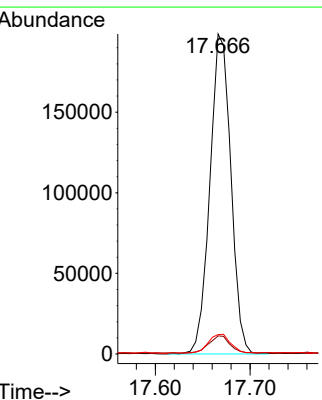
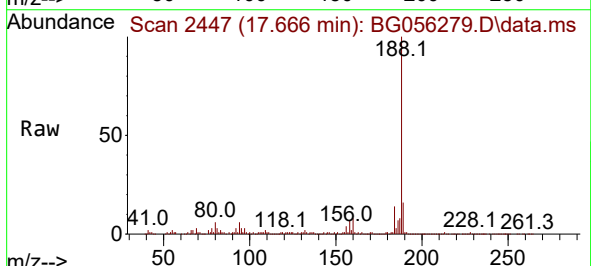
Tgt Ion:188 Resp: 305373

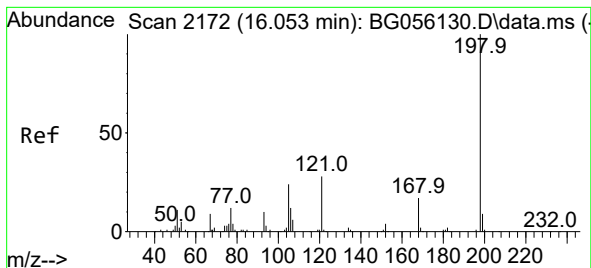
Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.2

80 6.0 5.0 7.4

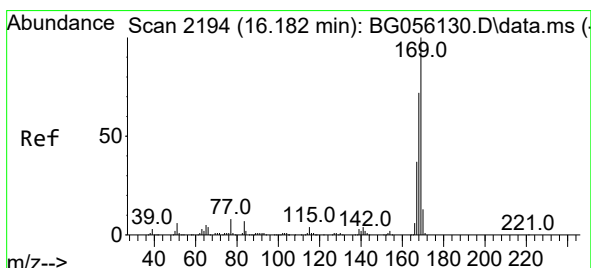
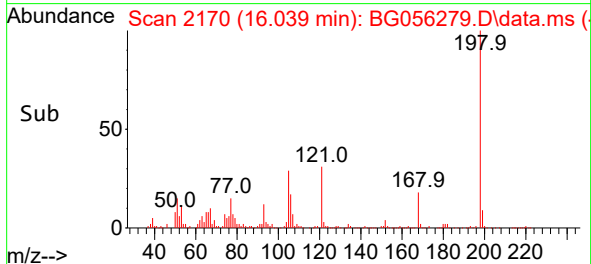
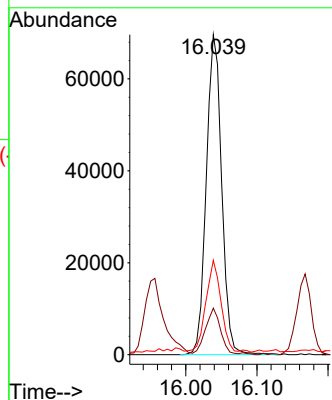
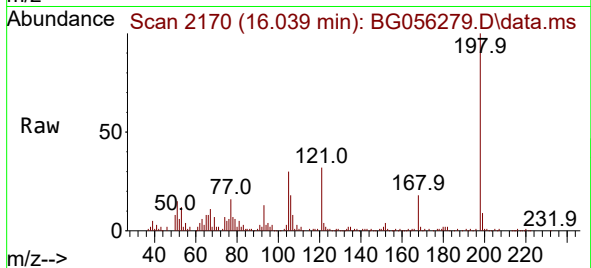




#65
4,6-Dinitro-2-methylphenol
Concen: 51.055 ng
RT: 16.039 min Scan# 2172
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

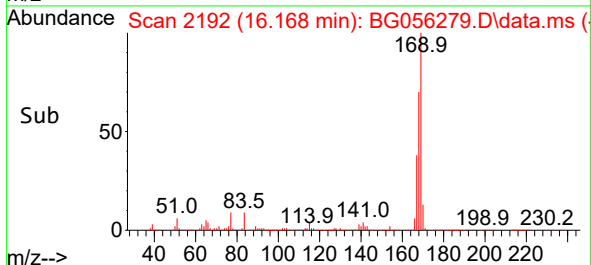
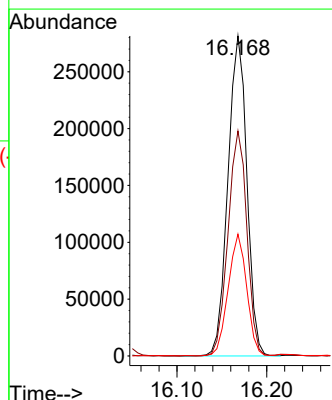
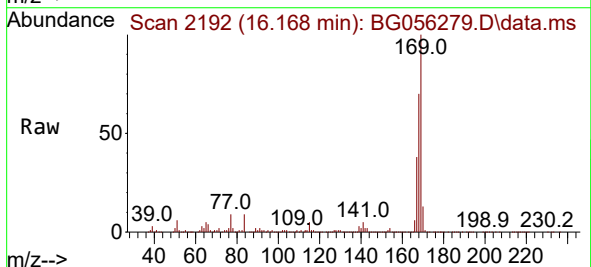
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

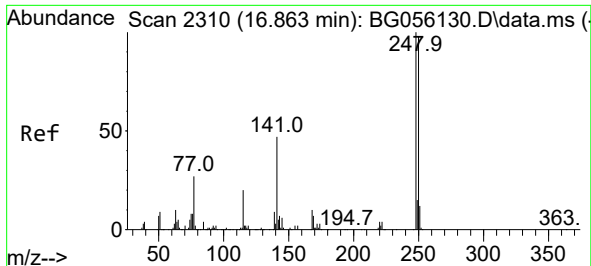
Tgt Ion:198 Resp: 105042
Ion Ratio Lower Upper
198 100
51 14.6 0.0 33.2
105 29.5 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 48.656 ng
RT: 16.168 min Scan# 2192
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:169 Resp: 412247
Ion Ratio Lower Upper
169 100
168 70.3 58.0 87.0
167 38.1 30.0 45.0

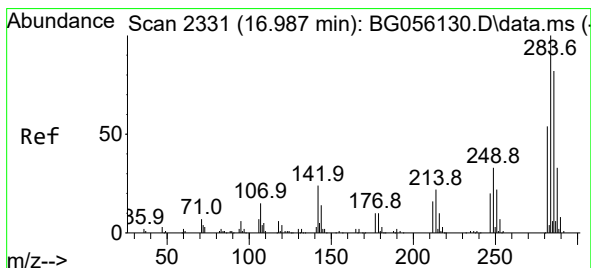
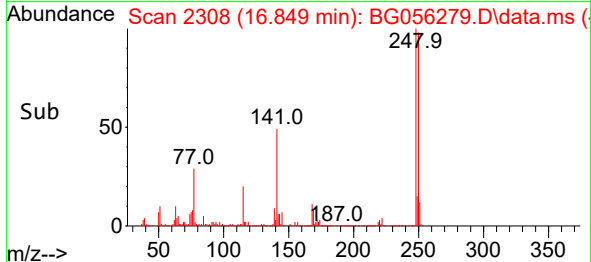
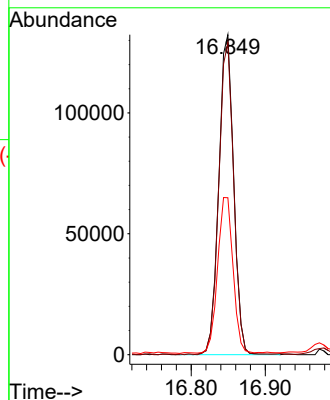
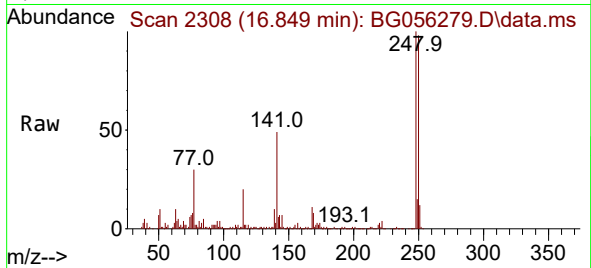




#67
4-Bromophenyl-phenylether
Concen: 47.427 ng
RT: 16.849 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

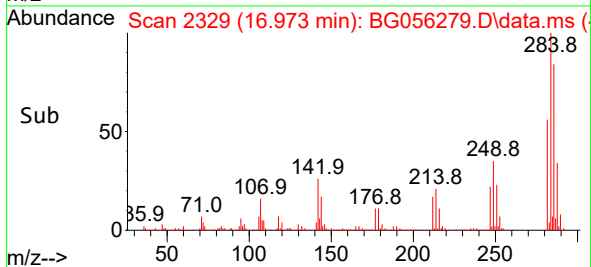
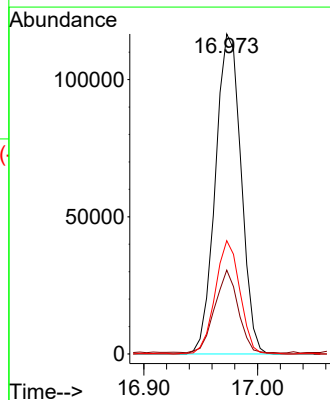
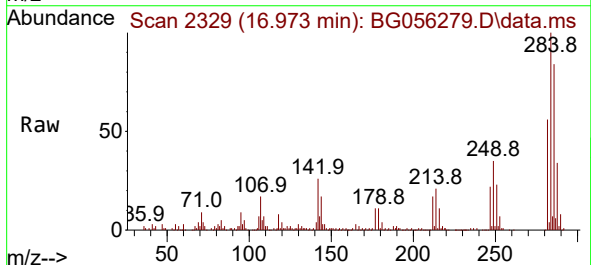
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

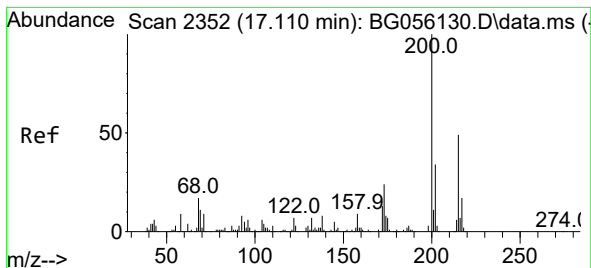
Tgt Ion:248 Resp: 184424
Ion Ratio Lower Upper
248 100
250 97.5 78.2 117.4
141 49.1 37.6 56.4



#68
Hexachlorobenzene
Concen: 50.409 ng
RT: 16.973 min Scan# 2329
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:284 Resp: 182882
Ion Ratio Lower Upper
284 100
142 26.2 19.0 28.6
249 37.5 26.6 39.8





#69

Atrazine

Concen: 50.519 ng

RT: 17.102 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

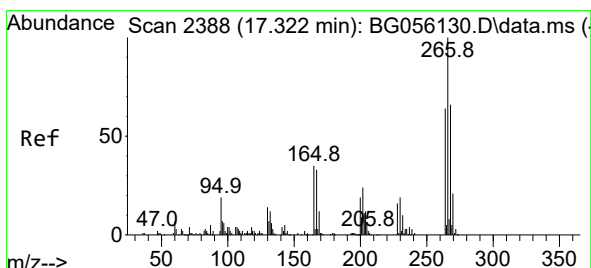
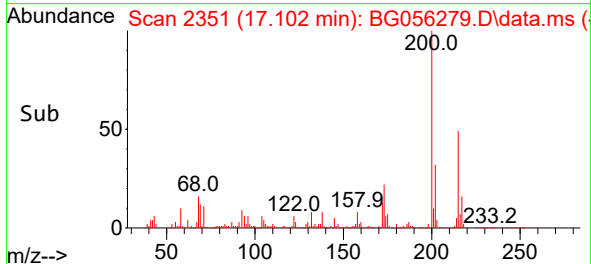
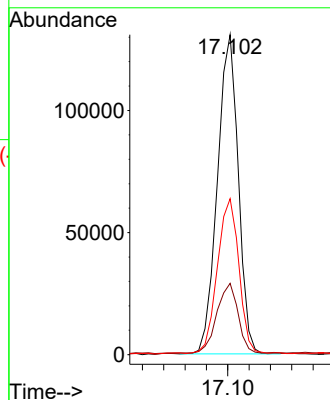
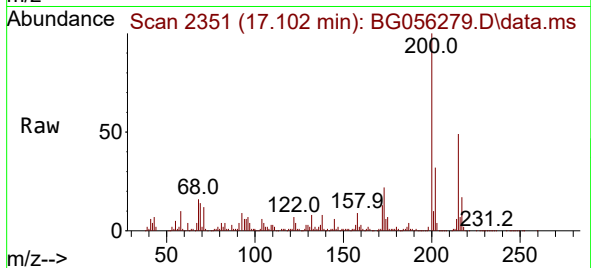
Tgt Ion:200 Resp: 177393

Ion Ratio Lower Upper

200 100

173 22.3 4.0 44.0

215 48.8 29.1 69.1



#70

Pentachlorophenol

Concen: 87.575 ng

RT: 17.314 min Scan# 2387

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

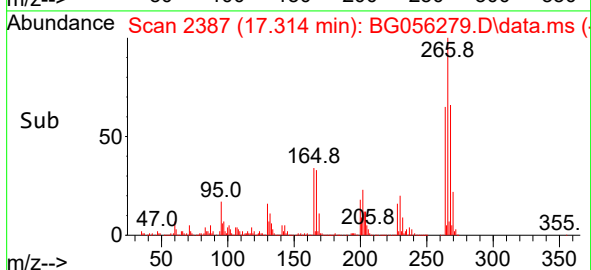
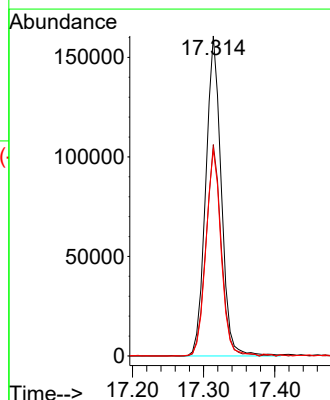
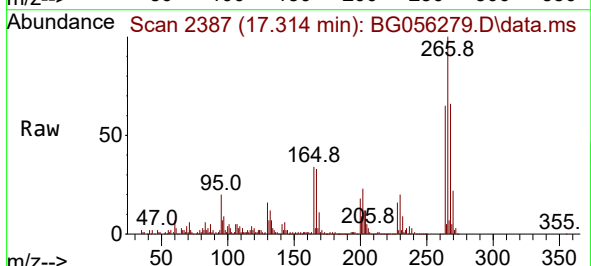
Tgt Ion:266 Resp: 244064

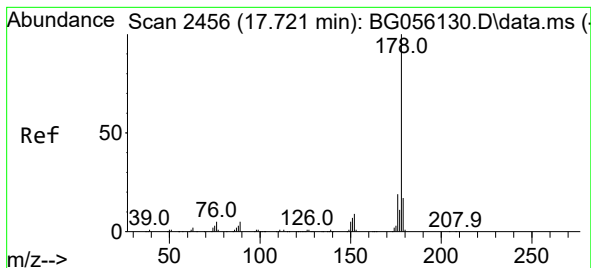
Ion Ratio Lower Upper

266 100

268 66.1 53.0 79.4

264 64.6 51.4 77.2





#71

Phenanthrene

Concen: 47.309 ng

RT: 17.713 min Scan# 24

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

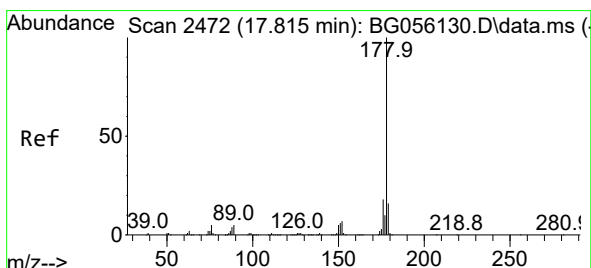
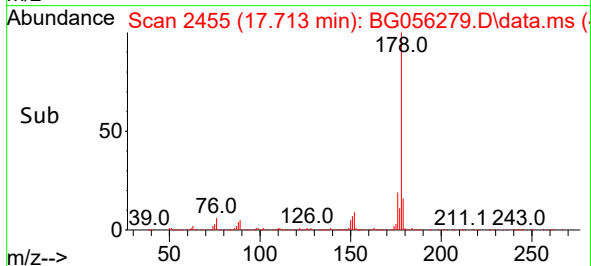
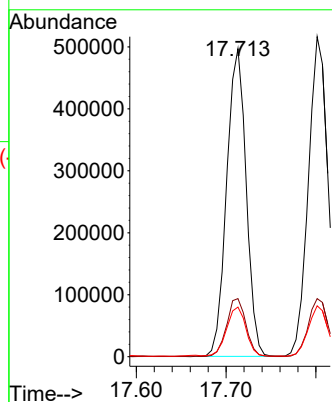
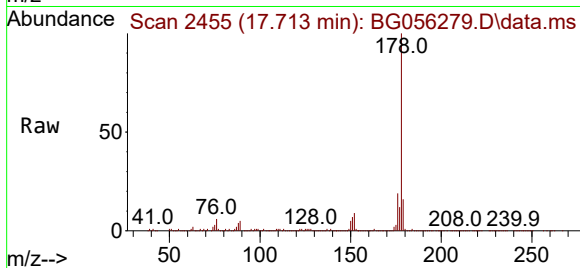
Tgt Ion:178 Resp: 748688

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 16.1 13.6 20.4



#72

Anthracene

Concen: 47.491 ng

RT: 17.801 min Scan# 2470

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

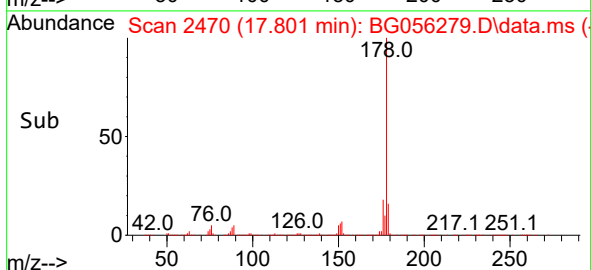
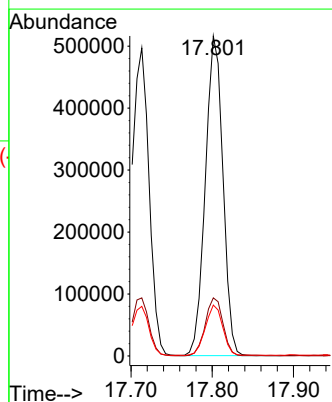
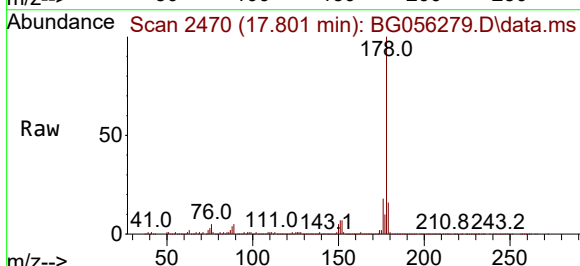
Tgt Ion:178 Resp: 775291

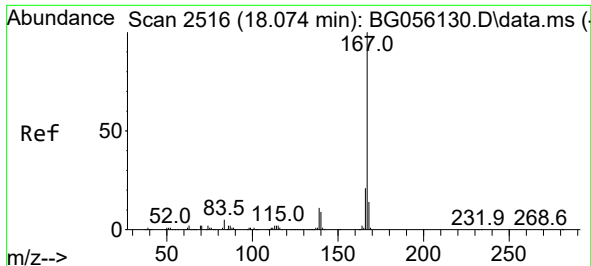
Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

179 15.9 12.7 19.1

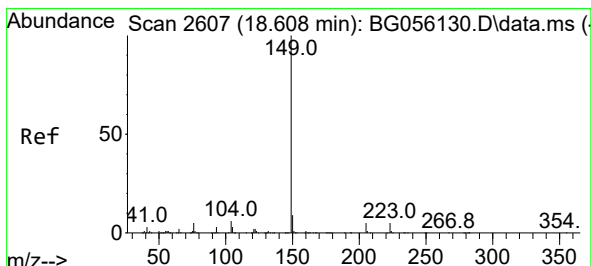
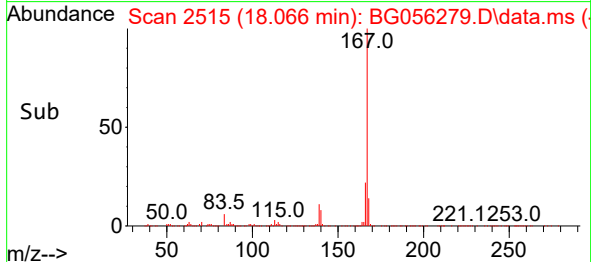
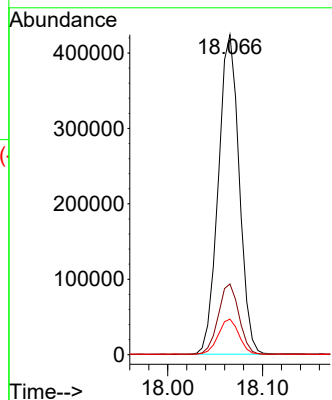
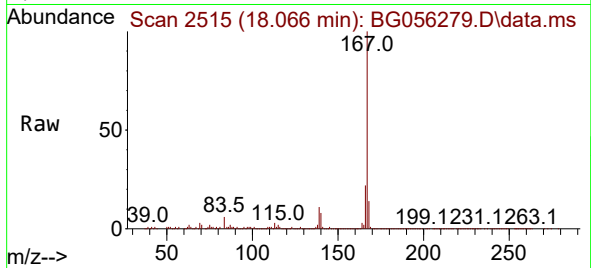




#73
 Carbazole
 Concen: 47.307 ng
 RT: 18.066 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

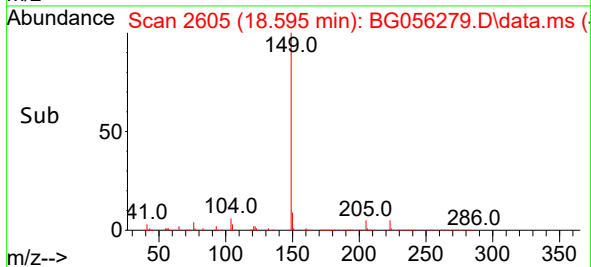
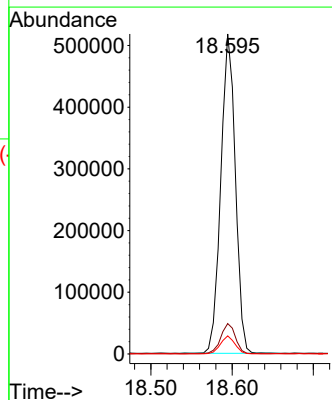
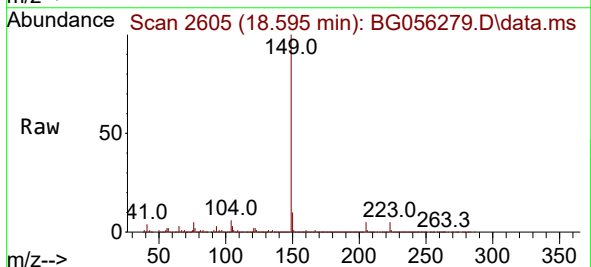
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207MS

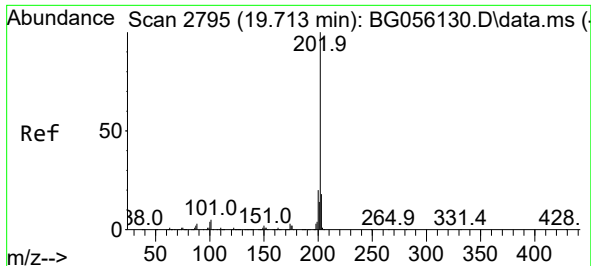
Tgt Ion:167 Resp: 649158
 Ion Ratio Lower Upper
 167 100
 166 22.1 16.8 25.2
 139 11.1 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 47.248 ng
 RT: 18.595 min Scan# 2605
 Delta R.T. 0.002 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

Tgt Ion:149 Resp: 646309
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.7 4.4 6.6

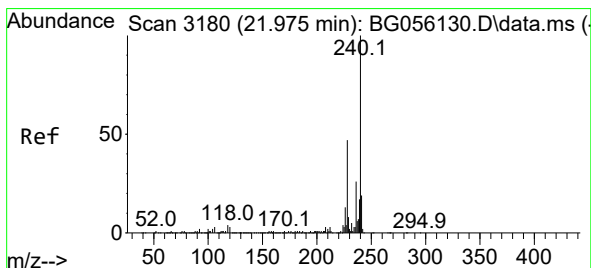
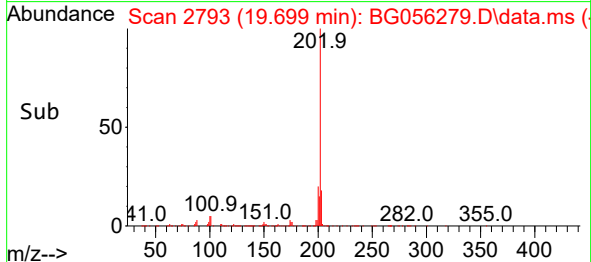
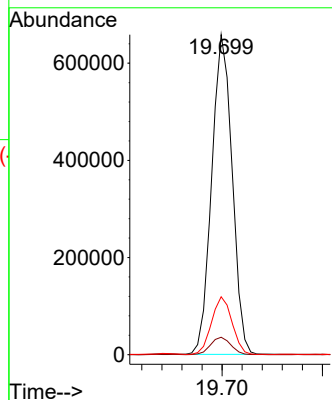
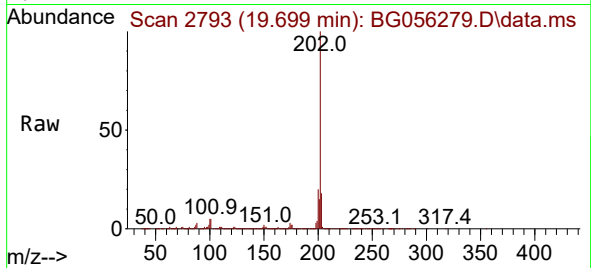




#75
Fluoranthene
Concen: 45.115 ng
RT: 19.699 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

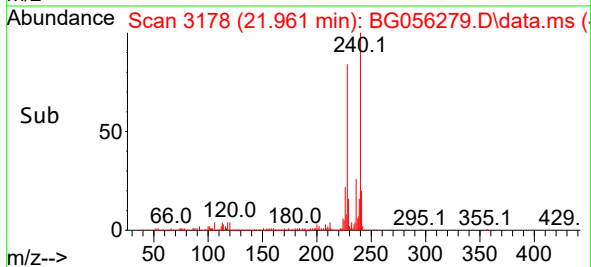
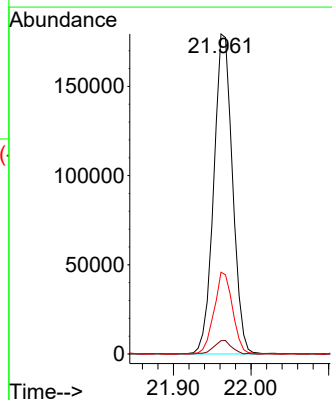
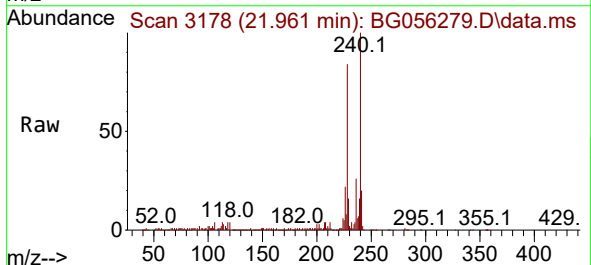
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

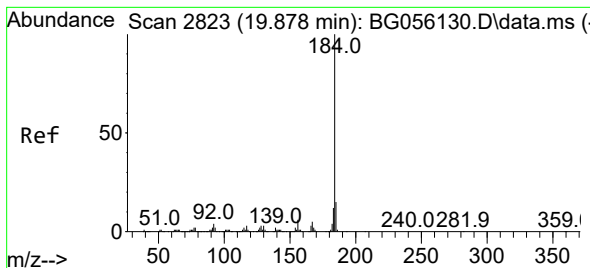
Tgt Ion:202 Resp: 931309
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.0
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.961 min Scan# 3178
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:240 Resp: 302570
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.6 20.8 31.2





#77

Benzidine

Concen: 30.453 ng

RT: 19.864 min Scan# 2821

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

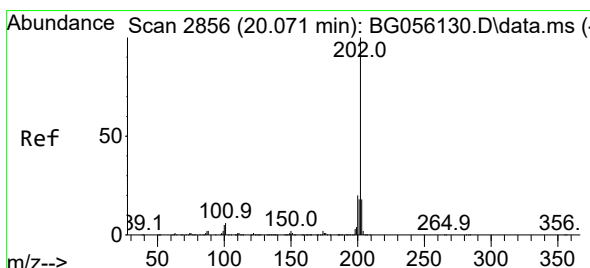
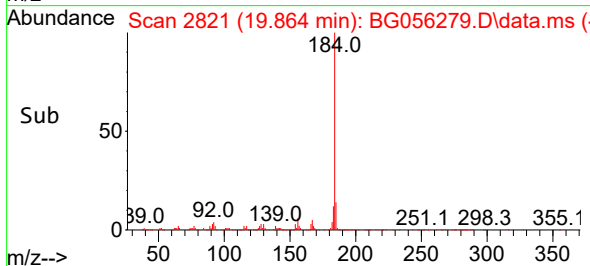
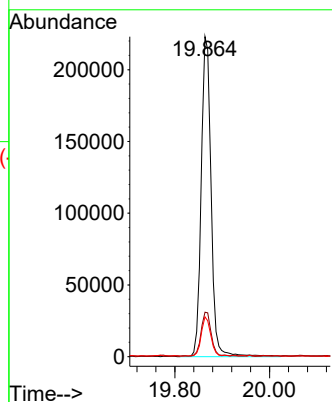
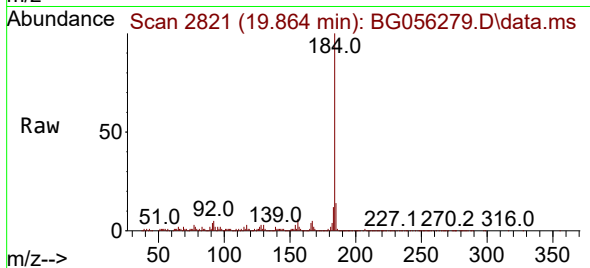
Tgt Ion:184 Resp: 322905

Ion Ratio Lower Upper

184 100

185 13.9 12.2 18.2

183 12.5 9.4 14.0



#78

Pyrene

Concen: 45.028 ng

RT: 20.063 min Scan# 2855

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

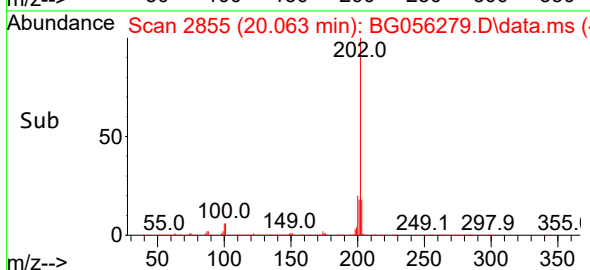
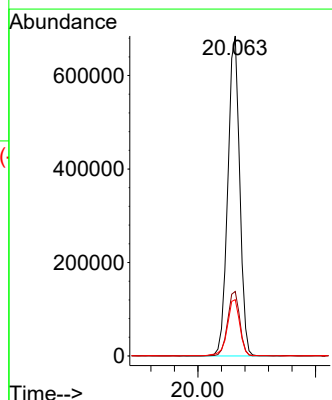
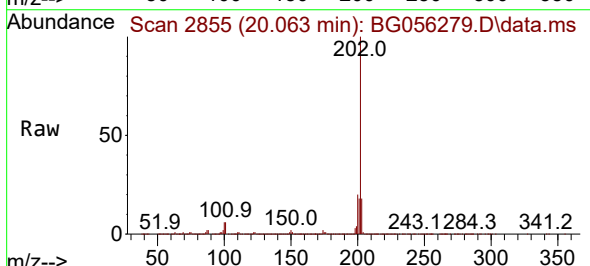
Tgt Ion:202 Resp: 960284

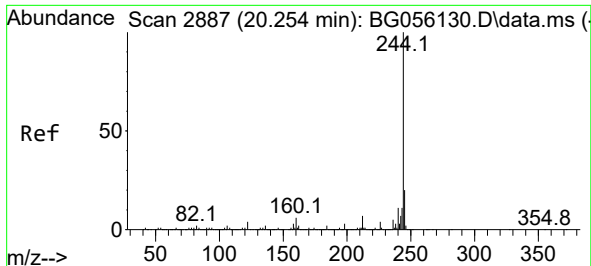
Ion Ratio Lower Upper

202 100

200 20.1 16.4 24.6

203 17.6 14.3 21.5

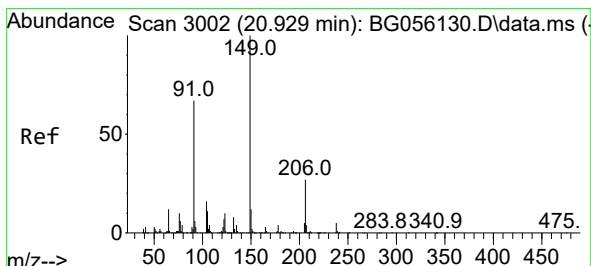
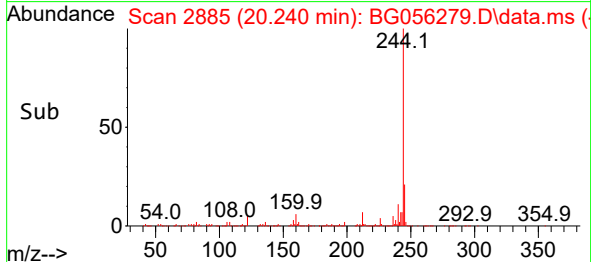
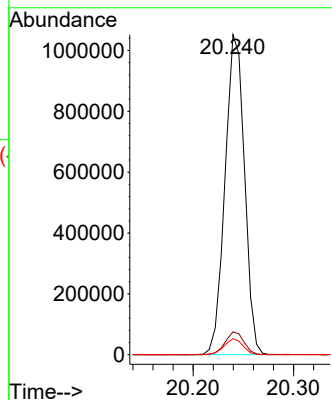
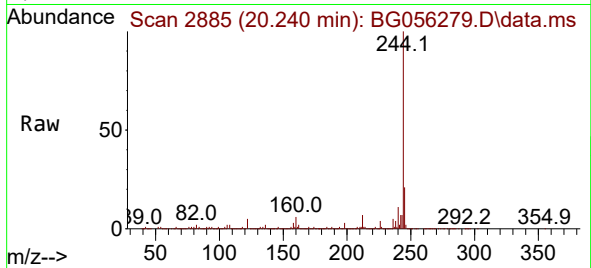




#79
 Terphenyl-d14
 Concen: 83.772 ng
 RT: 20.240 min Scan# 2885
 Delta R.T. 0.002 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

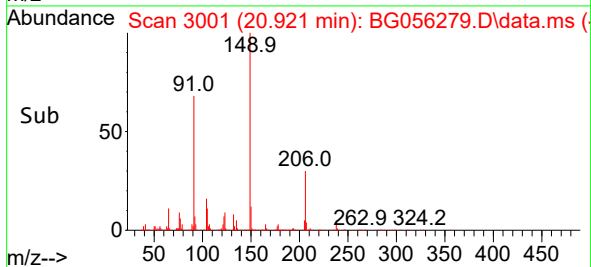
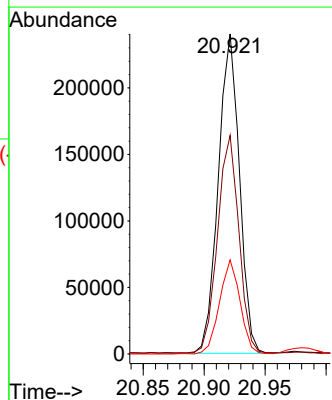
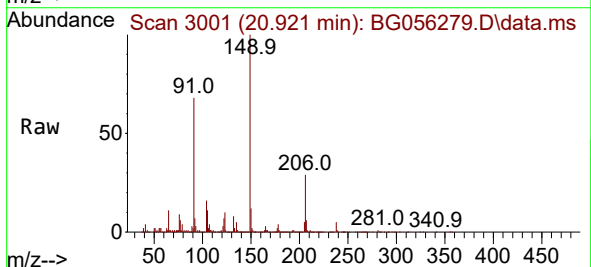
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207MS

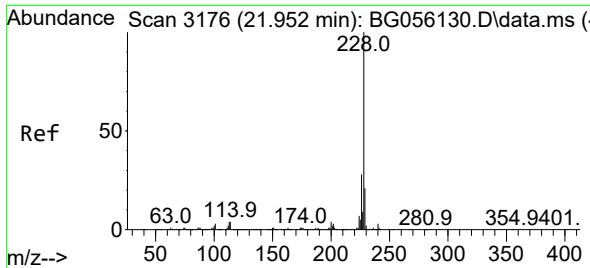
Tgt Ion:244 Resp: 1415200
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.0 3.5 5.3



#80
 Butylbenzylphthalate
 Concen: 47.404 ng
 RT: 20.921 min Scan# 3001
 Delta R.T. 0.002 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

Tgt Ion:149 Resp: 290038
 Ion Ratio Lower Upper
 149 100
 91 68.3 53.5 80.3
 206 29.4 21.9 32.9

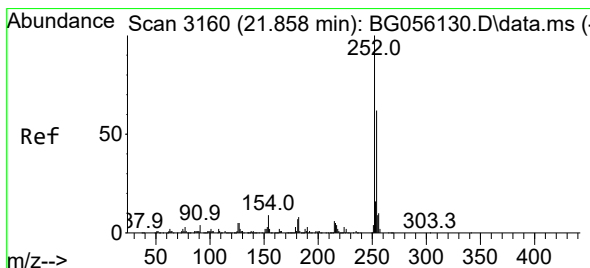
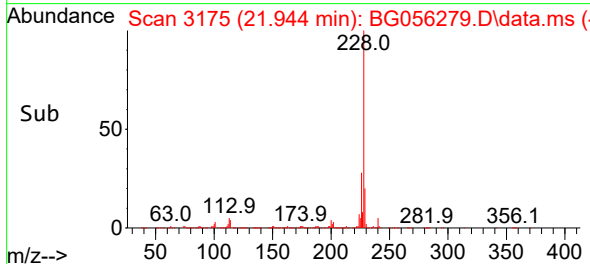
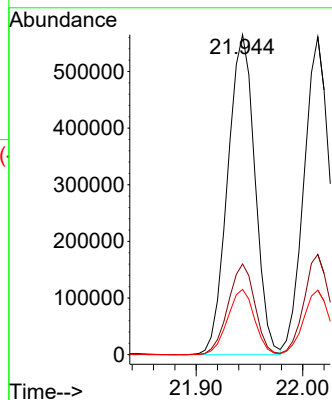
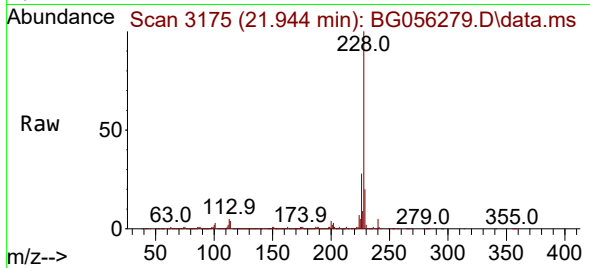




#81
Benzo(a)anthracene
Concen: 47.272 ng
RT: 21.944 min Scan# 3175
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

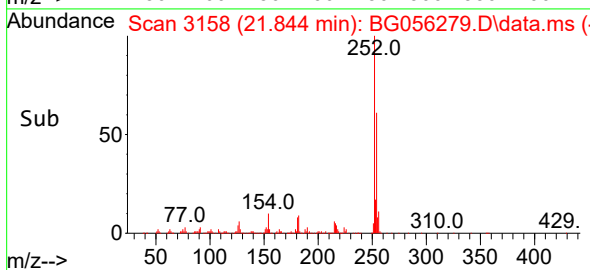
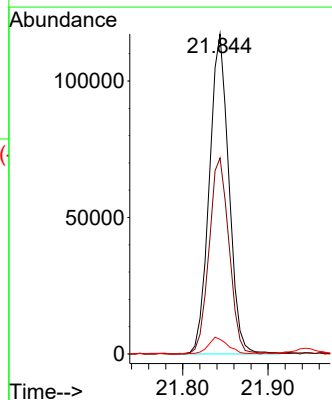
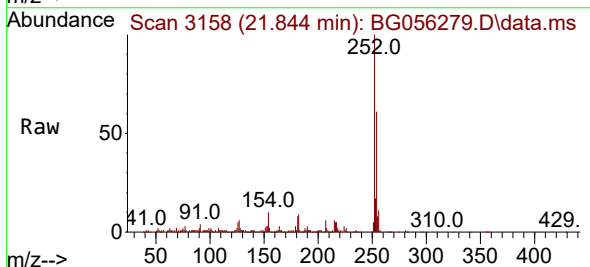
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

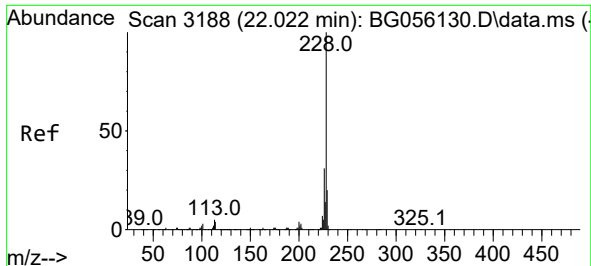
Tgt Ion:228 Resp: 1004613
Ion Ratio Lower Upper
228 100
226 28.3 22.6 34.0
229 20.4 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 24.361 ng
RT: 21.844 min Scan# 3158
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:252 Resp: 186368
Ion Ratio Lower Upper
252 100
254 61.3 49.5 74.3
126 4.6 4.0 6.0





#83

Chrysene

Concen: 46.905 ng

RT: 22.014 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

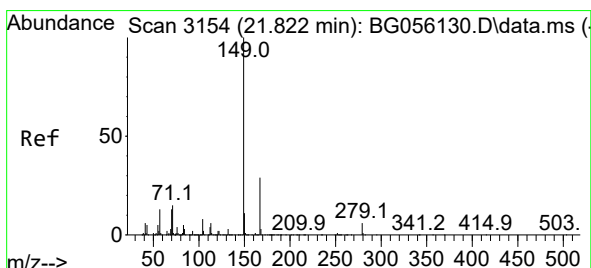
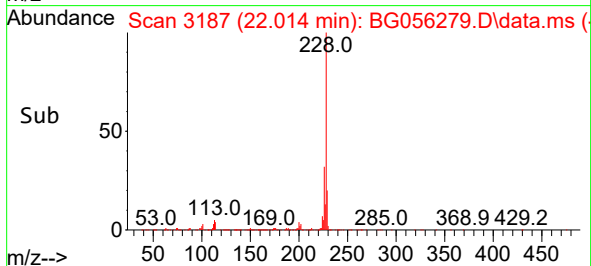
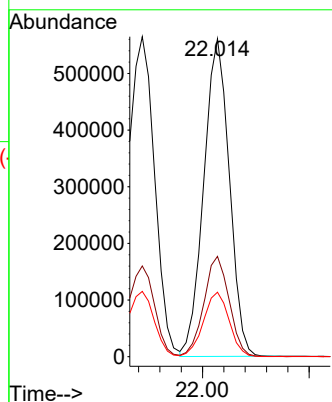
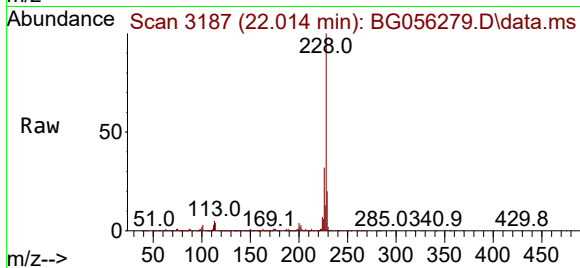
Tgt Ion:228 Resp: 933720

Ion Ratio Lower Upper

228 100

226 31.6 24.6 36.8

229 20.3 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.080 ng

RT: 21.808 min Scan# 3152

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

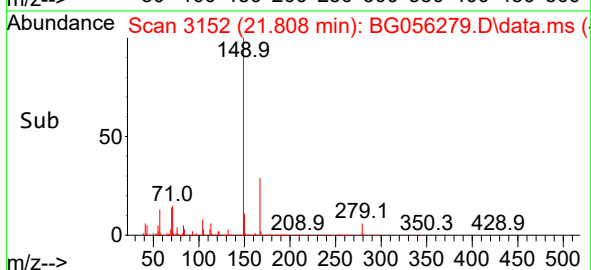
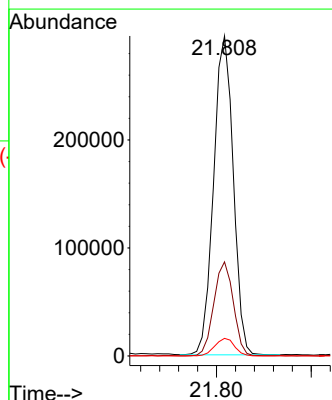
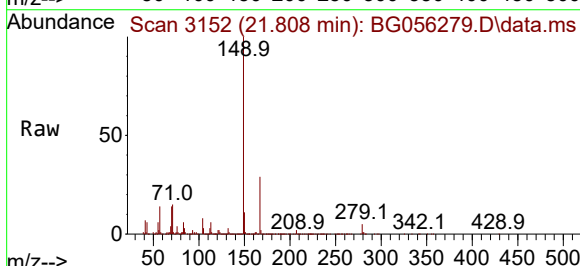
Tgt Ion:149 Resp: 423813

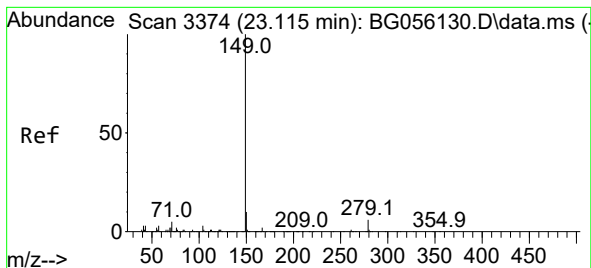
Ion Ratio Lower Upper

149 100

167 29.4 23.4 35.2

279 5.5 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 48.875 ng

RT: 23.095 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

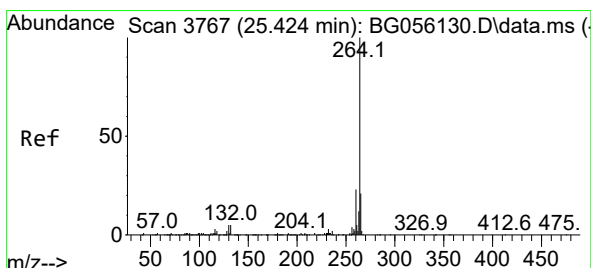
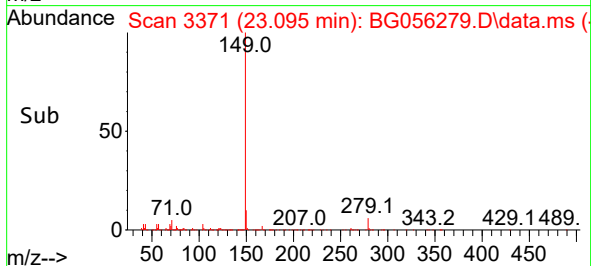
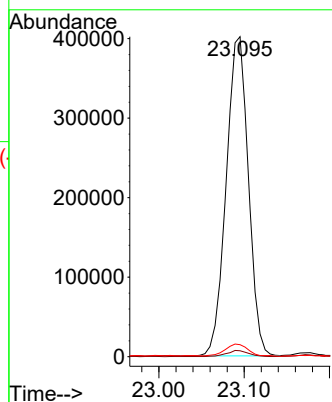
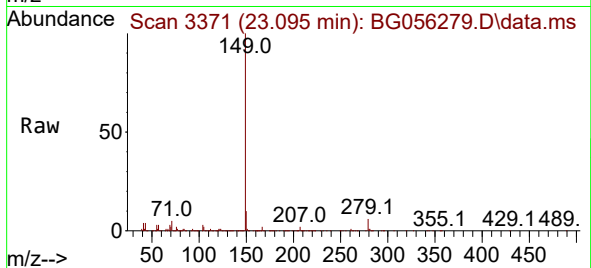
Tgt Ion:149 Resp: 727305

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

43 3.9 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.410 min Scan# 3765

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

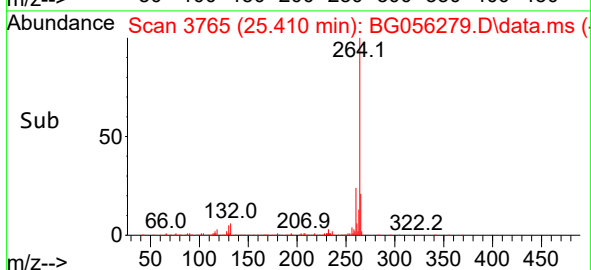
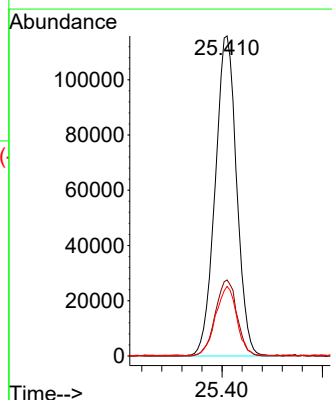
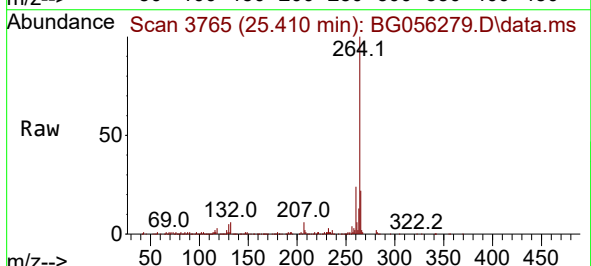
Tgt Ion:264 Resp: 343330

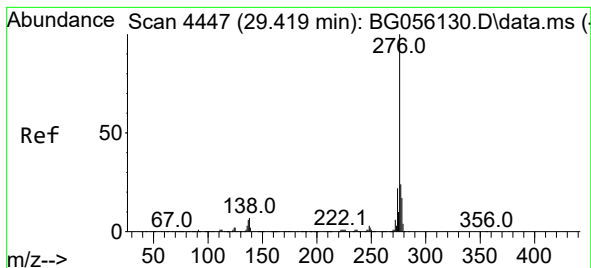
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.7 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.530 ng

RT: 29.376 min Scan# 4440

Delta R.T. 0.013 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

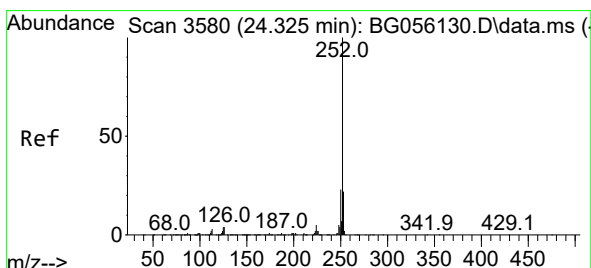
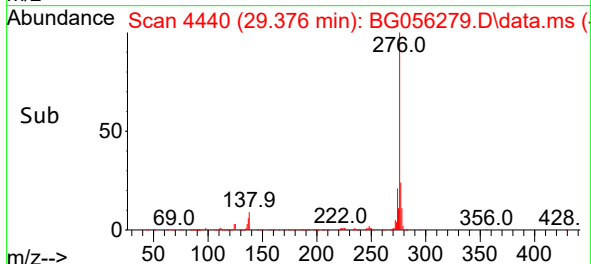
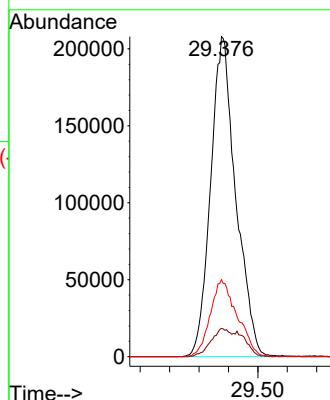
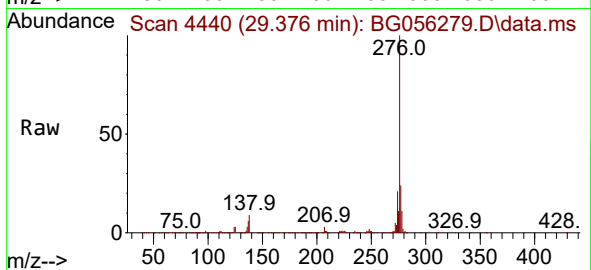
Tgt Ion:276 Resp: 1236714

Ion Ratio Lower Upper

276 100

138 6.8 5.0 7.4

277 25.7 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 49.386 ng

RT: 24.311 min Scan# 3578

Delta R.T. 0.013 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

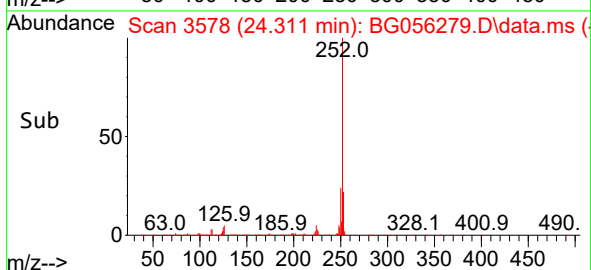
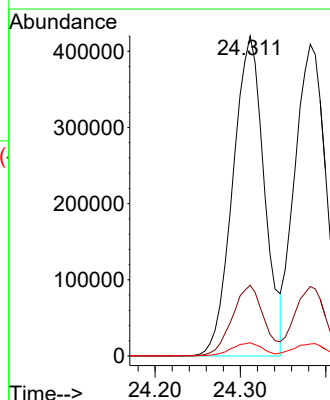
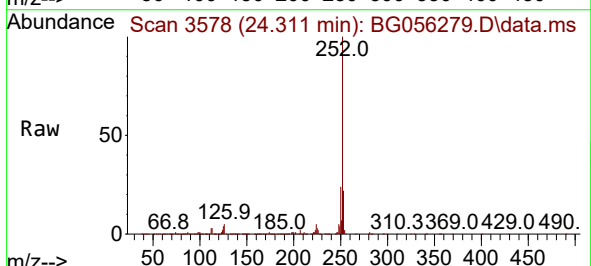
Tgt Ion:252 Resp: 1077301

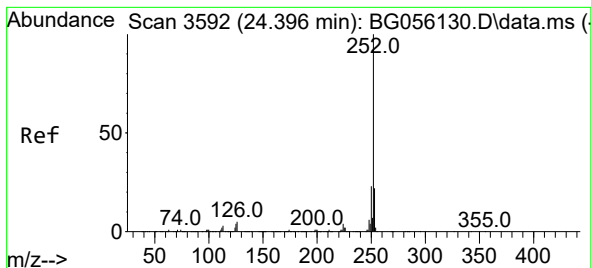
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 4.2 3.0 4.4





#89

Benzo(k)fluoranthene

Concen: 47.529 ng

RT: 24.382 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

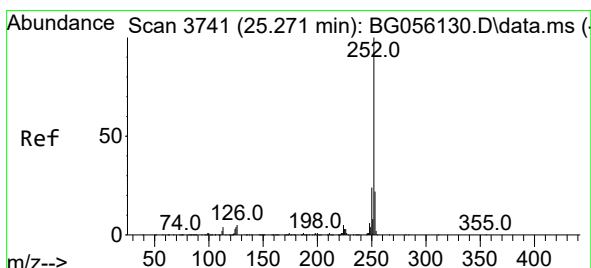
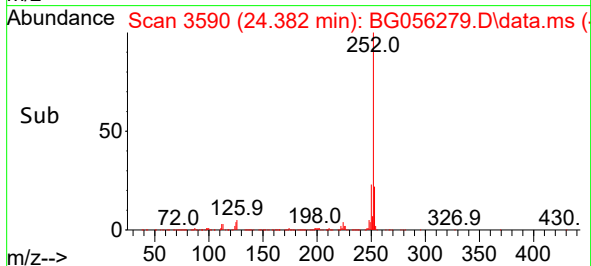
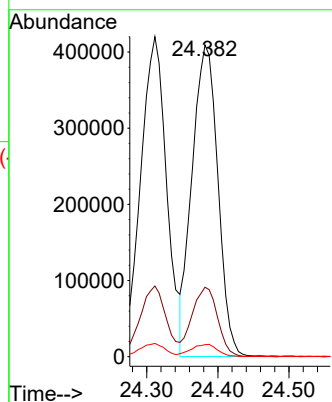
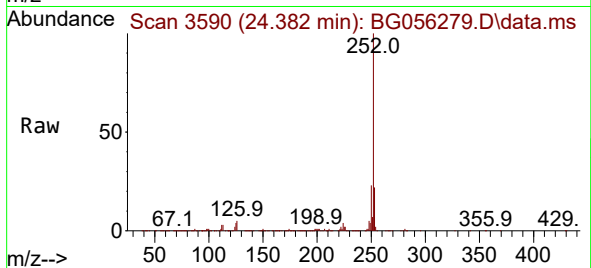
Tgt Ion:252 Resp: 1032441

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 3.9 3.4 5.0



#90

Benzo(a)pyrene

Concen: 44.635 ng

RT: 25.251 min Scan# 3738

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

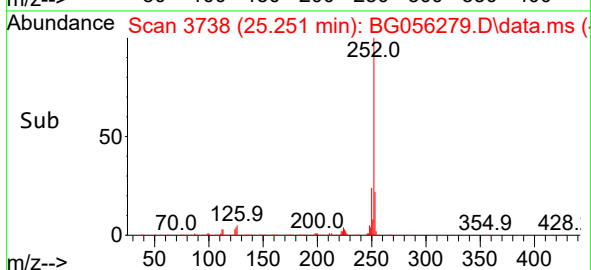
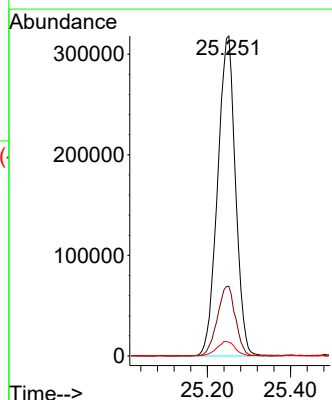
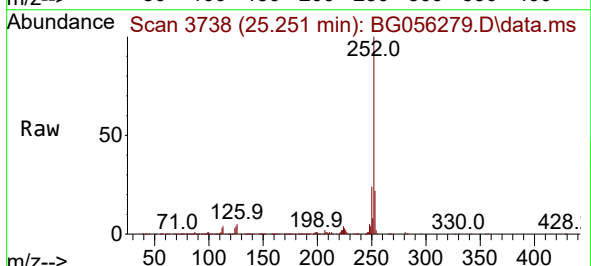
Tgt Ion:252 Resp: 949667

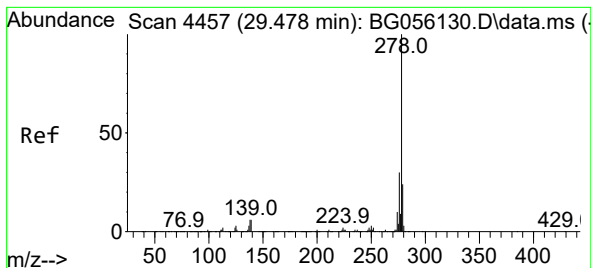
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 4.3 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 49.596 ng

RT: 29.446 min Scan# 4452

Delta R.T. 0.013 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

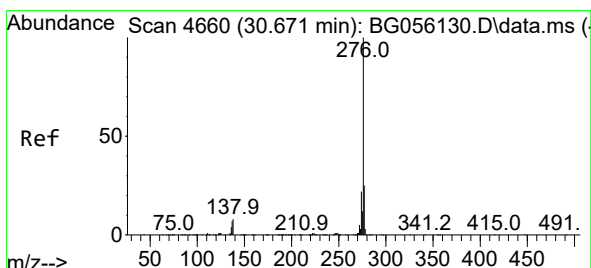
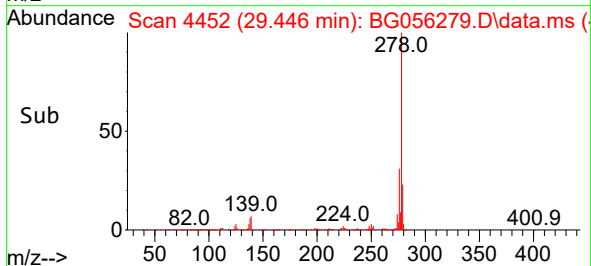
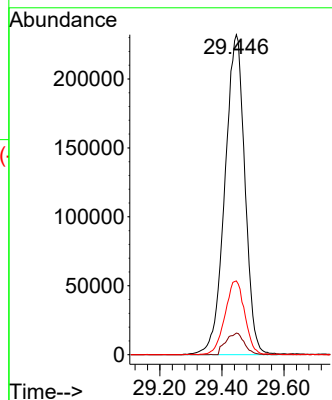
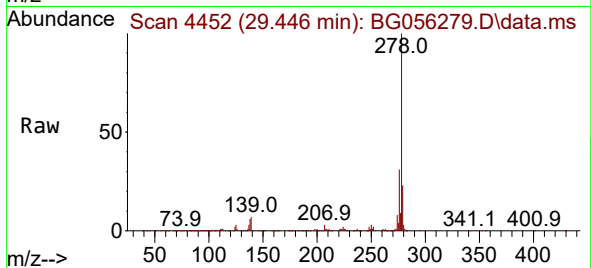
Tgt Ion:278 Resp: 1038250

Ion Ratio Lower Upper

278 100

139 6.7 4.8 7.2

279 23.1 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 49.245 ng

RT: 30.627 min Scan# 4653

Delta R.T. 0.013 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Tgt Ion:276 Resp: 999701

Ion Ratio Lower Upper

276 100

277 24.1 19.7 29.5

138 8.7 6.7 10.1

