

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
 Data File : BG056479.D
 Acq On : 31 Jan 2023 10:02
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 01 01:18:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	34500	20.000	ng	0.00
21) Naphthalene-d8	11.107	136	142408	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	114265	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	285014	20.000	ng	0.00
76) Chrysene-d12	21.924	240	268172	20.000	ng	0.00
86) Perylene-d12	25.344	264	298612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	158914	84.735	ng	0.00
7) Phenol-d6	7.418	99	233347	83.975	ng	0.00
23) Nitrobenzene-d5	9.456	82	202838	80.881	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	120575	79.373	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	663762	80.537	ng	0.00
79) Terphenyl-d14	20.209	244	1180676	77.327	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.599	88	33501	42.899	ng	97
3) Pyridine	4.022	79	103252	44.355	ng	97
4) n-Nitrosodimethylamine	3.928	42	20177	40.758	ng	# 99
6) Aniline	7.588	93	154498	42.466	ng	97
8) 2-Chlorophenol	7.835	128	82760	40.170	ng	97
9) Benzaldehyde	7.400	77	56688	47.380	ng	87
10) Phenol	7.447	94	116719	41.327	ng	98
11) bis(2-Chloroethyl)ether	7.682	93	83467	42.996	ng	94
12) 1,3-Dichlorobenzene	8.164	146	96719	40.773	ng	98
13) 1,4-Dichlorobenzene	8.311	146	97237	40.477	ng	97
14) 1,2-Dichlorobenzene	8.634	146	93965	40.315	ng	98
15) Benzyl Alcohol	8.510	79	80380	42.160	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.792	45	16755	40.735	ng	92
17) 2-Methylphenol	8.716	107	89332	41.577	ng	95
18) Hexachloroethane	9.374	117	30316	41.724	ng	96
19) n-Nitroso-di-n-propyla...	9.080	70	68361	42.689	ng	97
20) 3+4-Methylphenols	9.045	107	123652	41.066	ng	97
22) Acetophenone	9.104	105	151907	40.147	ng	97
24) Nitrobenzene	9.498	77	99848	41.277	ng	97
25) Isophorone	10.015	82	208962	40.389	ng	98
26) 2-Nitrophenol	10.214	139	59710	40.683	ng	99
27) 2,4-Dimethylphenol	10.255	122	97675	39.765	ng	96
28) bis(2-Chloroethoxy)met...	10.491	93	114967	40.224	ng	96
29) 2,4-Dichlorophenol	10.755	162	109361	39.554	ng	97
30) 1,2,4-Trichlorobenzene	10.966	180	121561	39.565	ng	99
31) Naphthalene	11.160	128	298255	39.681	ng	99
32) Benzoic acid	10.402	122	42503	30.929	ng	97
33) 4-Chloroaniline	11.266	127	141578	40.352	ng	99
34) Hexachlorobutadiene	11.436	225	84944	39.387	ng	97
35) Caprolactam	12.030	113	34982	37.516	ng	94
36) 4-Chloro-3-methylphenol	12.365	107	108429	40.609	ng	96
37) 2-Methylnaphthalene	12.747	142	246482	39.777	ng	98
38) 1-Methylnaphthalene	12.964	142	226770	39.185	ng	98
40) 1,2,4,5-Tetrachloroben...	13.105	216	169504	40.605	ng	99
41) Hexachlorocyclopentadiene	13.082	237	78546	39.039	ng	98
43) 2,4,6-Trichlorophenol	13.340	196	108598	40.369	ng	96

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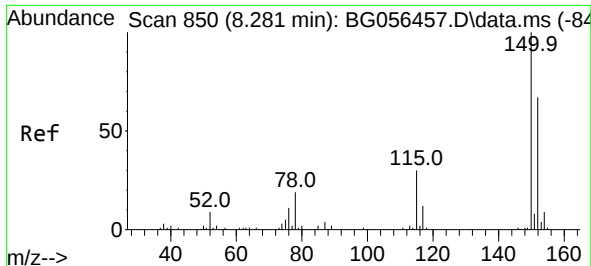
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.416	196	125948	39.988	ng	97
46) 1,1'-Biphenyl	13.734	154	337122	40.676	ng	100
47) 2-Chloronaphthalene	13.787	162	260534	40.217	ng	99
48) 2-Nitroaniline	13.981	65	55187	41.210	ng	92
49) Acenaphthylene	14.627	152	429554	40.756	ng	99
50) Dimethylphthalate	14.339	163	364000	39.375	ng	99
51) 2,6-Dinitrotoluene	14.468	165	79113	39.243	ng	97
52) Acenaphthene	14.962	154	254301	40.687	ng	100
53) 3-Nitroaniline	14.797	138	78160	39.991	ng	94
54) 2,4-Dinitrophenol	15.009	184	48555	38.418	ng	96
55) Dibenzofuran	15.291	168	444351	39.642	ng	100
56) 4-Nitrophenol	15.097	139	52948	39.648	ng	94
57) 2,4-Dinitrotoluene	15.250	165	113259	39.885	ng	98
58) Fluorene	15.937	166	352269	39.496	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.514	232	112454	40.156	ng	98
60) Diethylphthalate	15.684	149	334940	38.585	ng	99
61) 4-Chlorophenyl-phenyle...	15.919	204	216815	39.838	ng	96
62) 4-Nitroaniline	15.961	138	77068	39.408	ng	96
63) Azobenzene	16.213	77	246825	41.324	ng	97
65) 4,6-Dinitro-2-methylph...	16.013	198	79392	39.621	ng	96
66) n-Nitrosodiphenylamine	16.131	169	323314	40.066	ng	99
67) 4-Bromophenyl-phenylether	16.813	248	145014	39.744	ng	97
68) Hexachlorobenzene	16.942	284	141940	39.719	ng	99
69) Atrazine	17.071	200	126406	40.604	ng	99
70) Pentachlorophenol	17.283	266	79366	36.704	ng	97
71) Phenanthrene	17.676	178	587789	39.404	ng	99
72) Anthracene	17.770	178	611165	39.912	ng	100
73) Carbazole	18.035	167	515340	39.514	ng	99
74) Di-n-butylphthalate	18.563	149	535206	39.084	ng	99
75) Fluoranthene	19.668	202	744828	39.561	ng	99
77) Benzidine	19.838	184	324540	44.721	ng	98
78) Pyrene	20.032	202	749810	39.313	ng	99
80) Butylbenzylphthalate	20.884	149	232454	39.907	ng	99
81) Benzo(a)anthracene	21.901	228	748399	39.918	ng	99
82) 3,3'-Dichlorobenzidine	21.807	252	274197	40.613	ng	100
83) Chrysene	21.977	228	702997	39.912	ng	99
84) Bis(2-ethylhexyl)phtha...	21.766	149	334957	40.108	ng	100
85) Di-n-octyl phthalate	23.035	149	565808	40.683	ng	100
87) Indeno(1,2,3-cd)pyrene	29.280	276	879706	40.245	ng	# 94
88) Benzo(b)fluoranthene	24.251	252	750069	40.469	ng	99
89) Benzo(k)fluoranthene	24.321	252	754622	40.326	ng	99
90) Benzo(a)pyrene	25.185	252	736003	40.312	ng	98
91) Dibenzo(a,h)anthracene	29.345	278	734873	40.052	ng	98
92) Benzo(g,h,i)perylene	30.526	276	712308	40.234	ng	97

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

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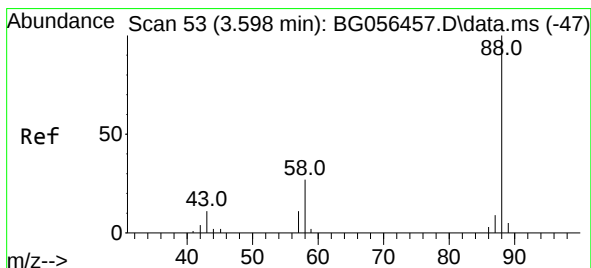
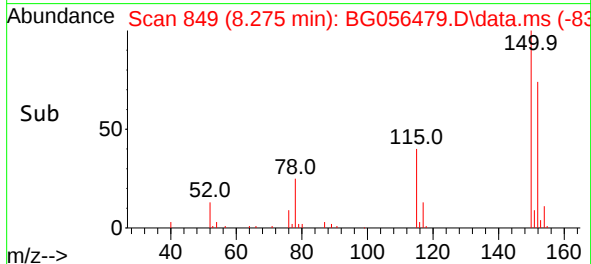
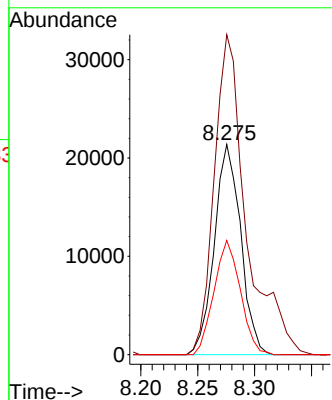
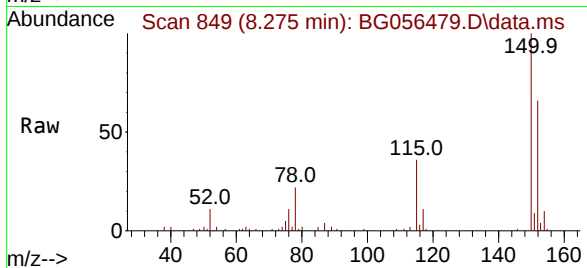




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.275 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

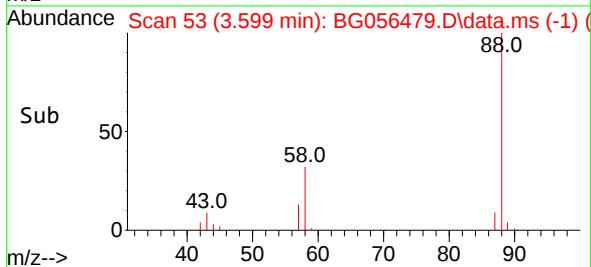
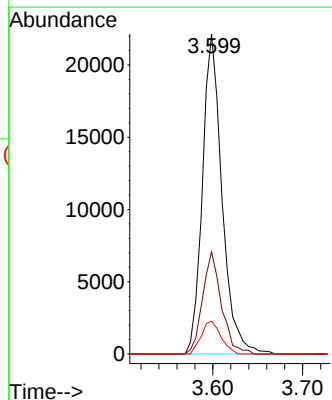
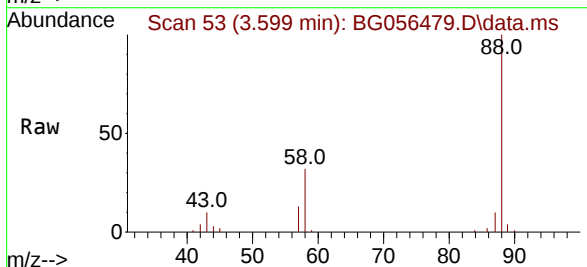
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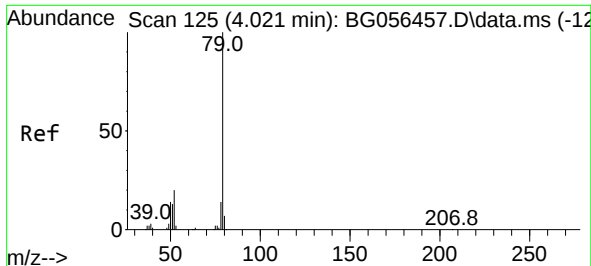
Tgt Ion:152 Resp: 34500
Ion Ratio Lower Upper
152 100
150 152.2 120.2 180.4
115 54.3 36.3 54.5



#2
1,4-Dioxane
Concen: 42.899 ng
RT: 3.599 min Scan# 53
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion: 88 Resp: 33501
Ion Ratio Lower Upper
88 100
58 30.7 23.0 34.4
43 10.2 8.0 12.0





#3

Pyridine

Concen: 44.355 ng

RT: 4.022 min Scan# 110

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

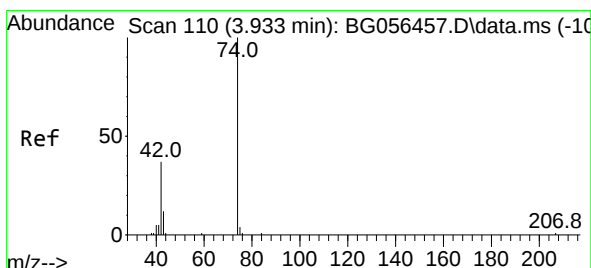
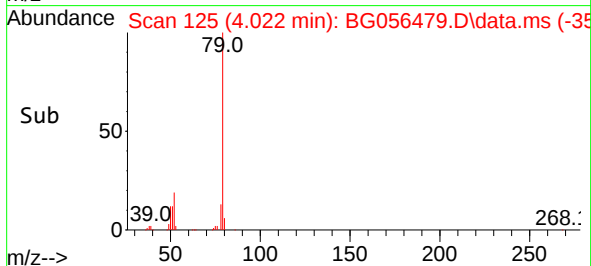
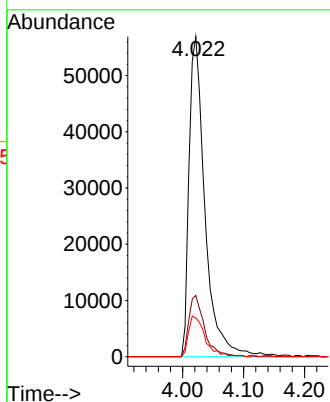
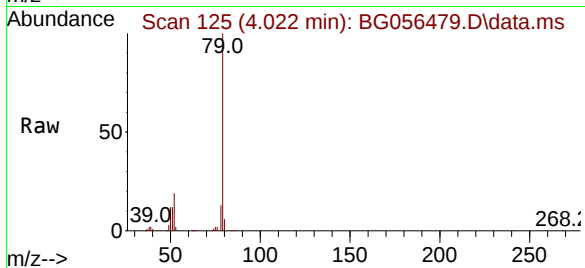
Tgt Ion: 79 Resp: 103252

Ion Ratio Lower Upper

79 100

52 19.1 16.1 24.1

51 12.1 10.7 16.1



#4

n-Nitrosodimethylamine

Concen: 40.758 ng

RT: 3.928 min Scan# 109

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

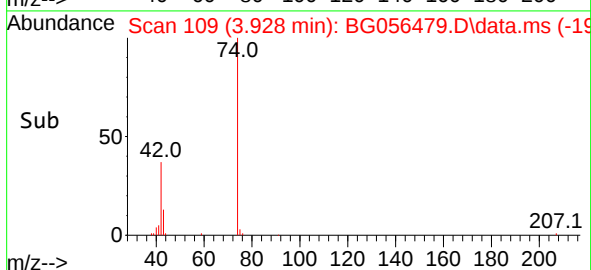
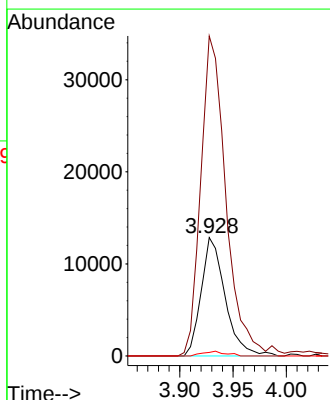
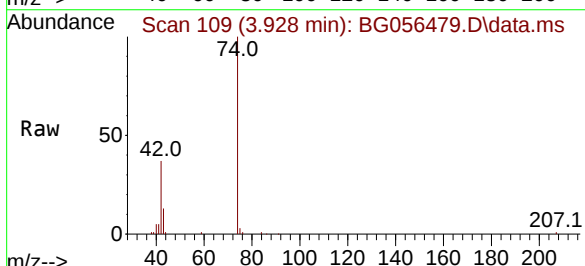
Tgt Ion: 42 Resp: 20177

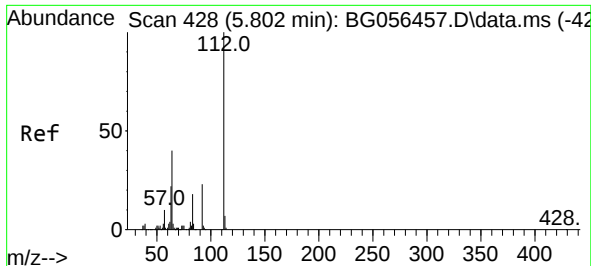
Ion Ratio Lower Upper

42 100

74 270.2 217.9 326.9

44 2.9 3.0 4.6#

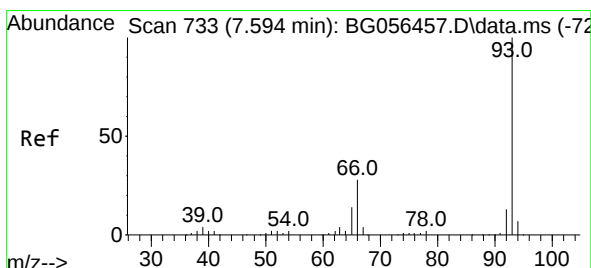
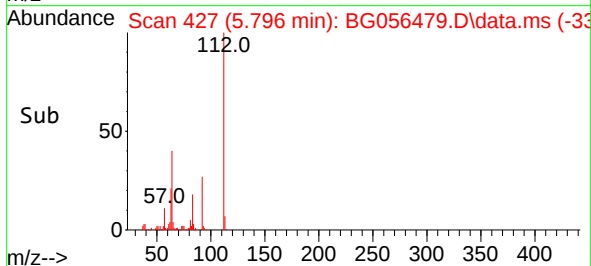
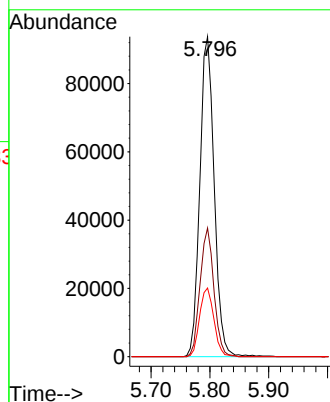
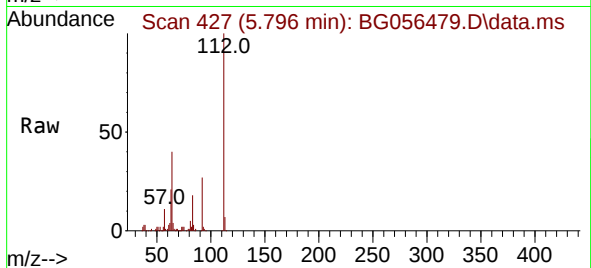




#5
2-Fluorophenol
Concen: 84.735 ng
RT: 5.796 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

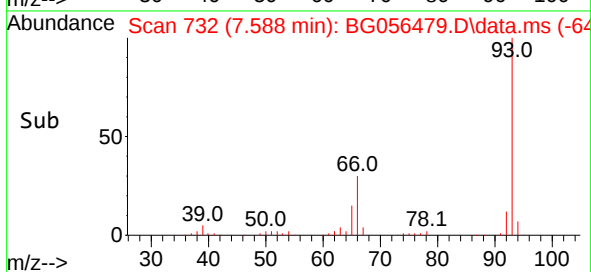
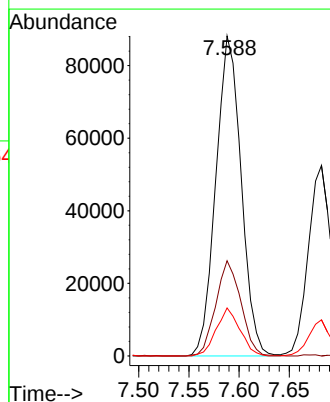
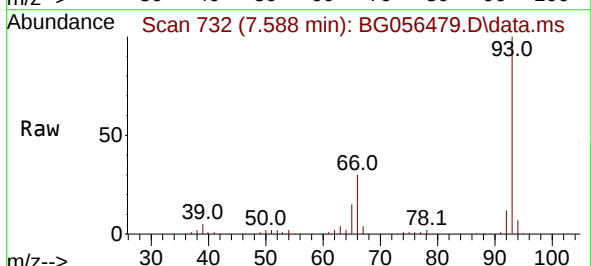
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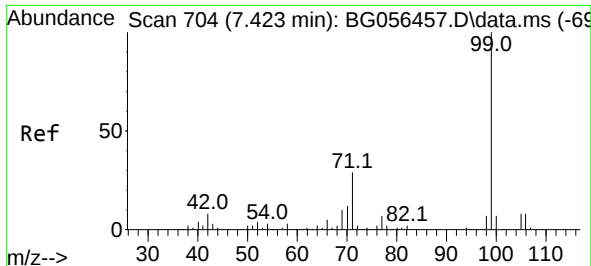
Tgt Ion:112 Resp: 158914
Ion Ratio Lower Upper
112 100
64 40.2 31.9 47.9
63 21.5 17.4 26.0



#6
Aniline
Concen: 42.466 ng
RT: 7.588 min Scan# 732
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion: 93 Resp: 154498
Ion Ratio Lower Upper
93 100
66 29.8 22.2 33.2
65 15.0 11.3 16.9





#7

Phenol-d6

Concen: 83.975 ng

RT: 7.418 min Scan# 703

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

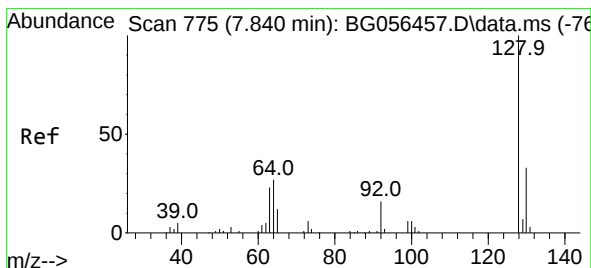
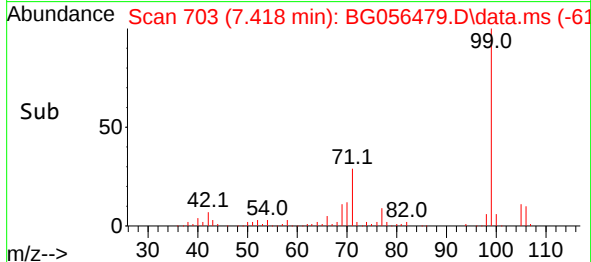
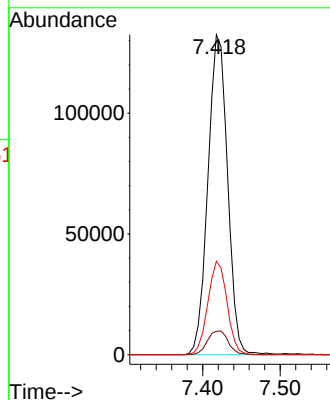
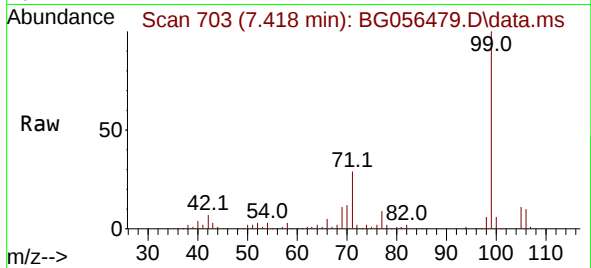
Tgt Ion: 99 Resp: 233347

Ion Ratio Lower Upper

99 100

42 7.3 6.6 10.0

71 29.2 23.4 35.0



#8

2-Chlorophenol

Concen: 40.170 ng

RT: 7.835 min Scan# 774

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

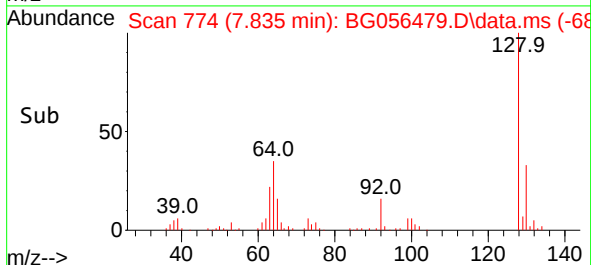
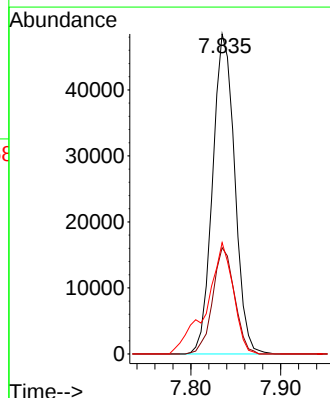
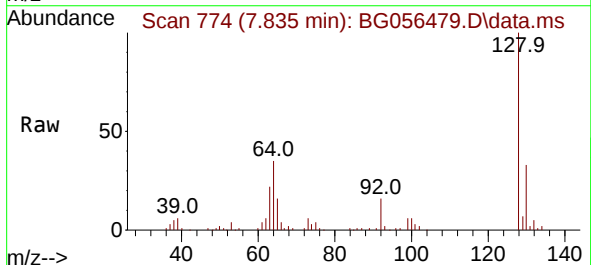
Tgt Ion:128 Resp: 82760

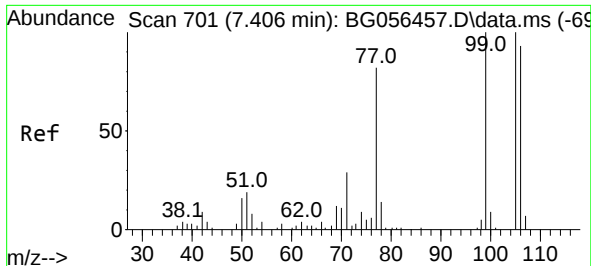
Ion Ratio Lower Upper

128 100

130 33.2 12.8 52.8

64 34.8 11.3 51.3

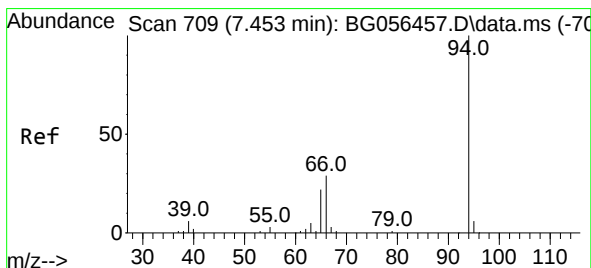
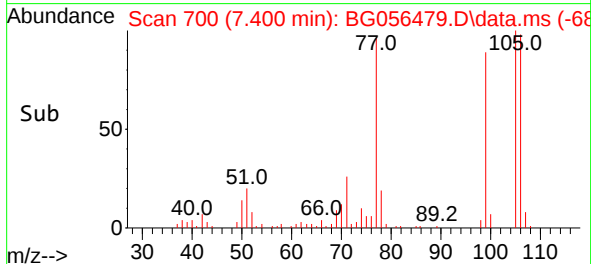
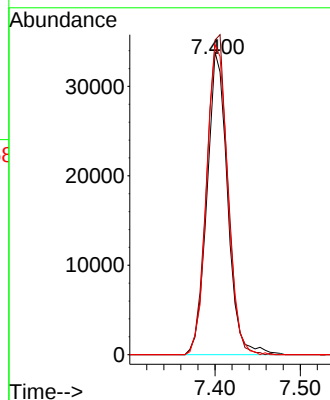
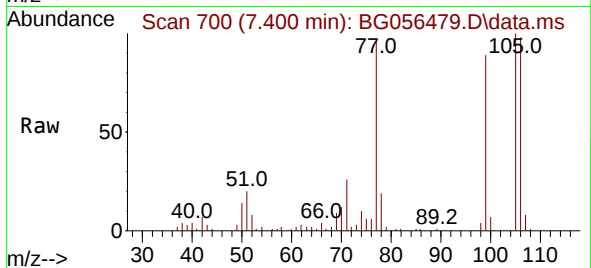




#9
Benzaldehyde
Concen: 47.380 ng
RT: 7.400 min Scan# 701
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

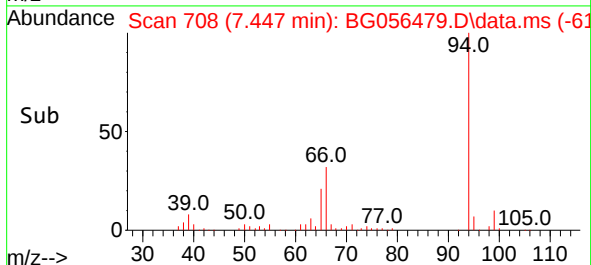
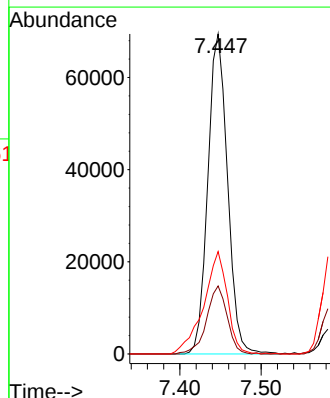
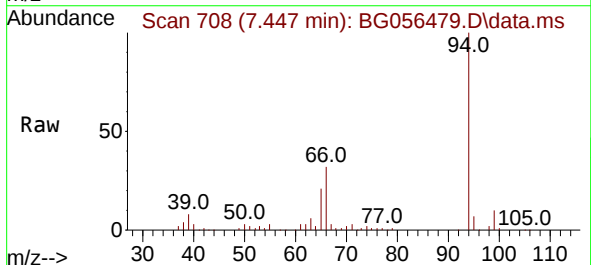
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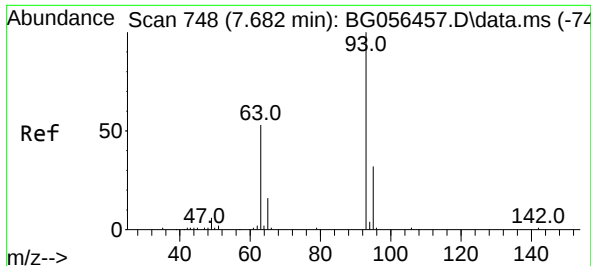
Tgt Ion: 77 Resp: 56688
Ion Ratio Lower Upper
77 100
105 104.1 101.8 141.8
106 102.5 93.0 133.0



#10
Phenol
Concen: 41.327 ng
RT: 7.447 min Scan# 708
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion: 94 Resp: 116719
Ion Ratio Lower Upper
94 100
65 21.2 2.3 42.3
66 32.0 11.2 51.2

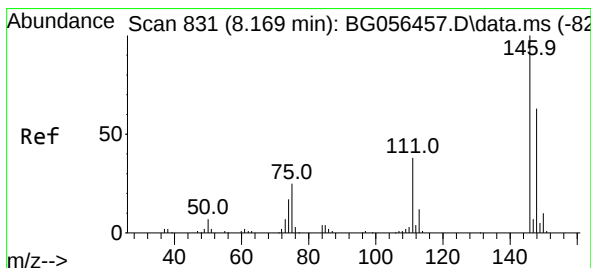
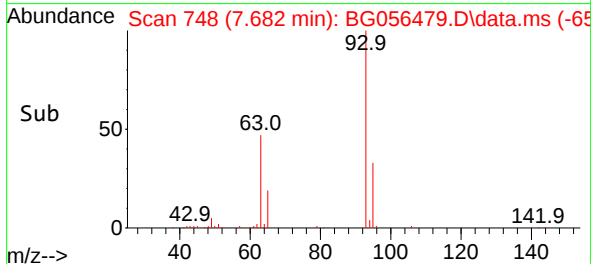
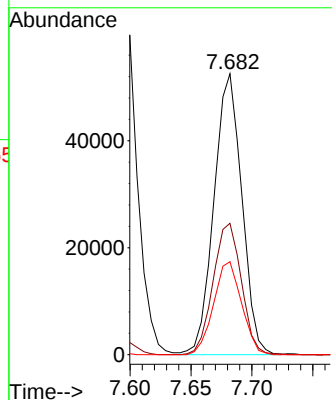
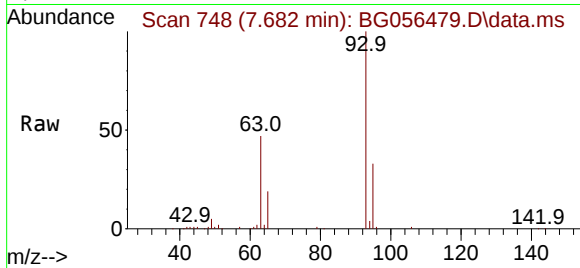




#11
bis(2-Chloroethyl)ether
Concen: 42.996 ng
RT: 7.682 min Scan# 748
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

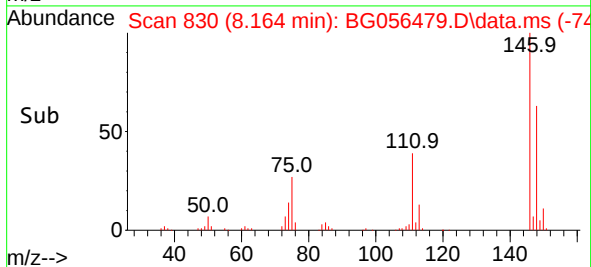
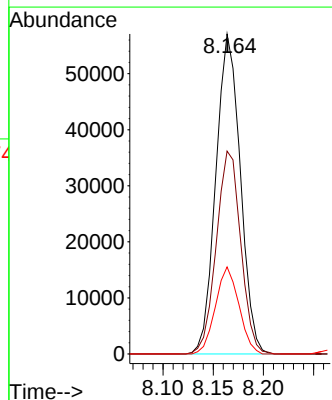
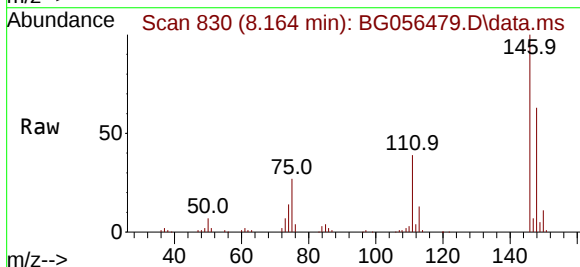
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

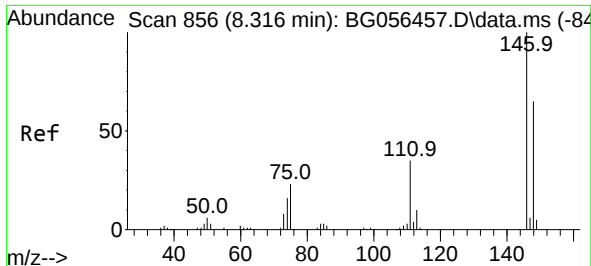
Tgt Ion: 93 Resp: 83467
Ion Ratio Lower Upper
93 100
63 46.8 32.4 72.4
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.773 ng
RT: 8.164 min Scan# 830
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion: 146 Resp: 96719
Ion Ratio Lower Upper
146 100
148 63.4 50.6 75.8
75 27.2 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 40.477 ng

RT: 8.311 min Scan# 8

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

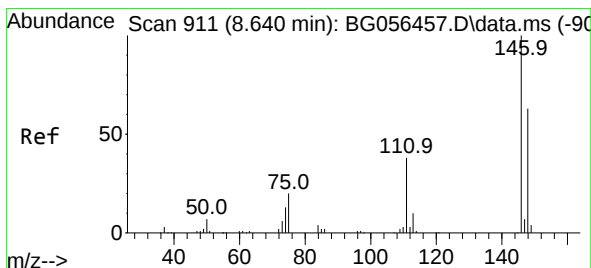
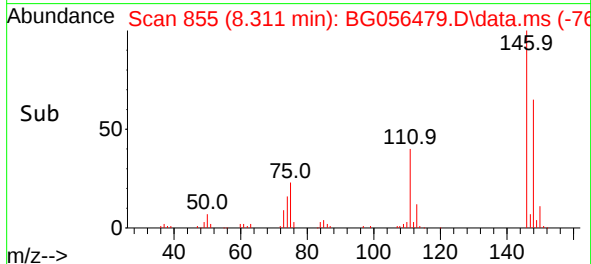
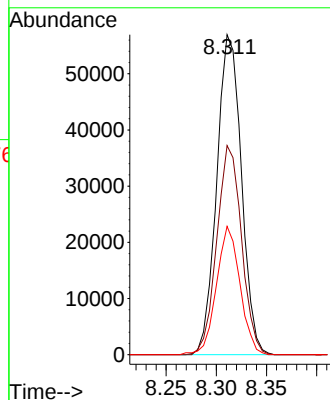
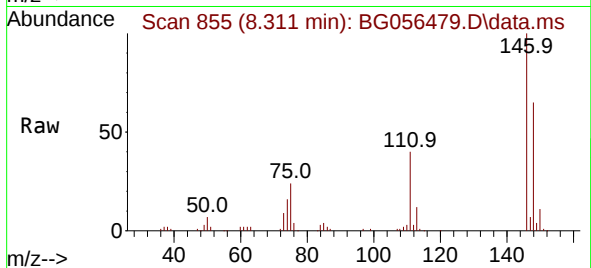
Tgt Ion:146 Resp: 97237

Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.6

111 40.1 28.6 42.8



#14

1,2-Dichlorobenzene

Concen: 40.315 ng

RT: 8.634 min Scan# 910

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

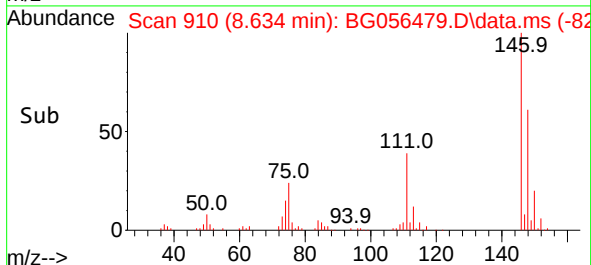
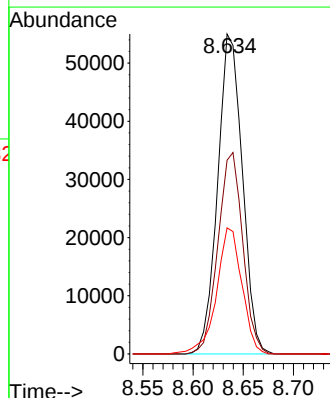
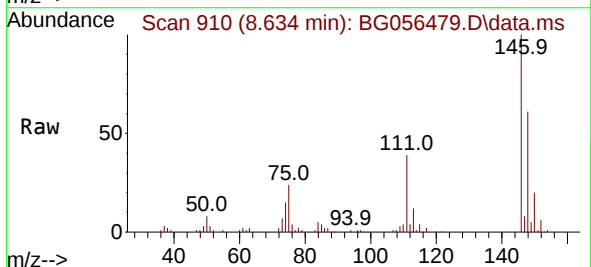
Tgt Ion:146 Resp: 93965

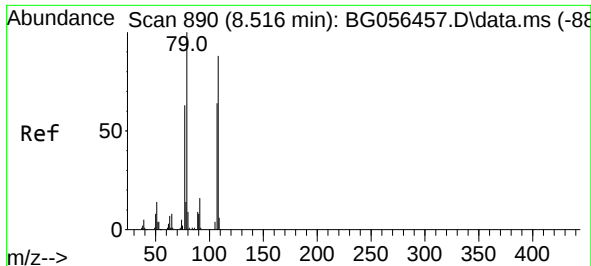
Ion Ratio Lower Upper

146 100

148 60.6 50.1 75.1

111 39.4 30.9 46.3

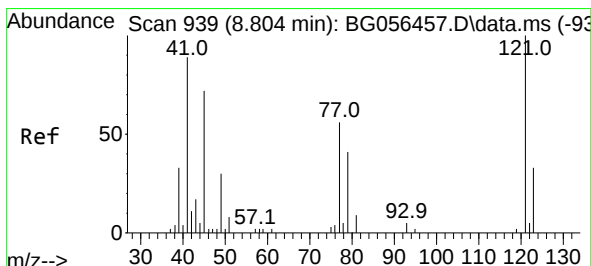
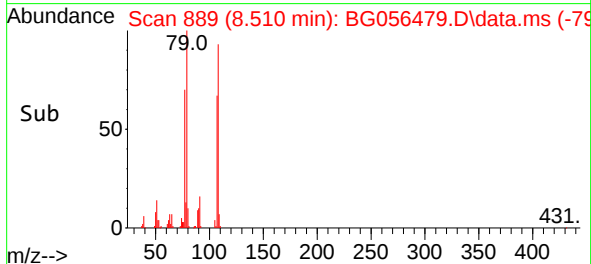
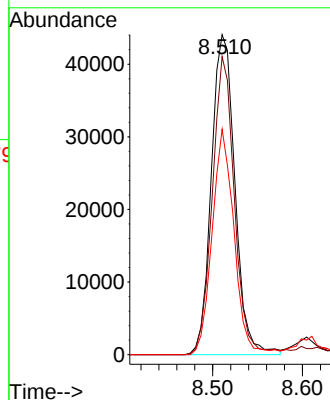
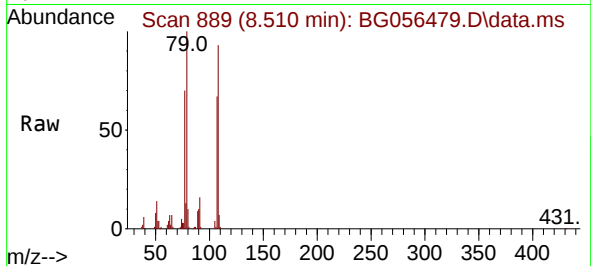




#15
Benzyl Alcohol
Concen: 42.160 ng
RT: 8.510 min Scan# 890
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

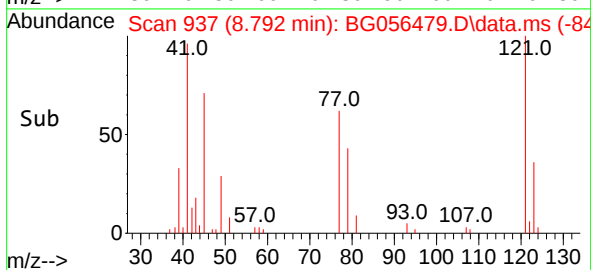
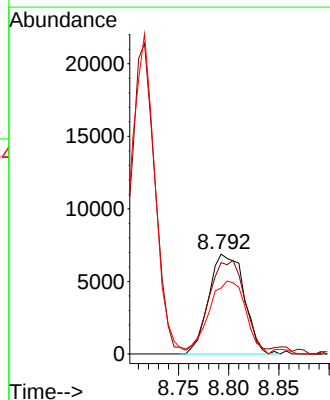
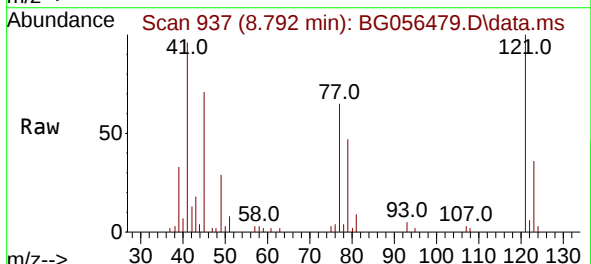
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

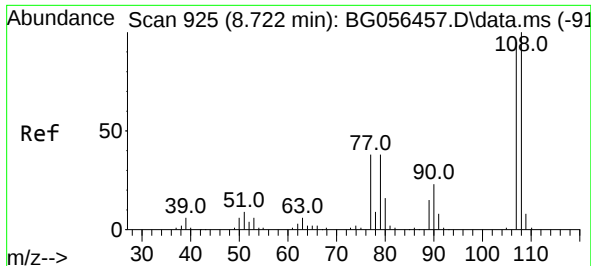
Tgt Ion: 79 Resp: 80380
Ion Ratio Lower Upper
79 100
108 93.1 70.1 105.1
77 70.5 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.735 ng
RT: 8.792 min Scan# 937
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion: 45 Resp: 16755
Ion Ratio Lower Upper
45 100
77 91.5 62.1 102.1
79 66.0 42.7 82.7





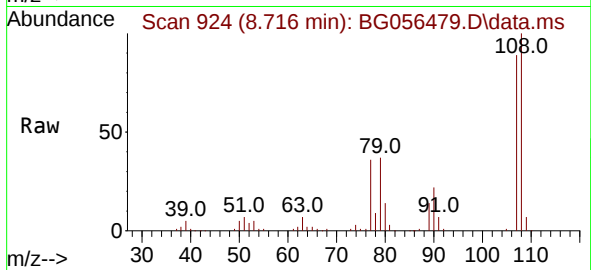
#17
2-Methylphenol
Concen: 41.577 ng
RT: 8.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Instrument :

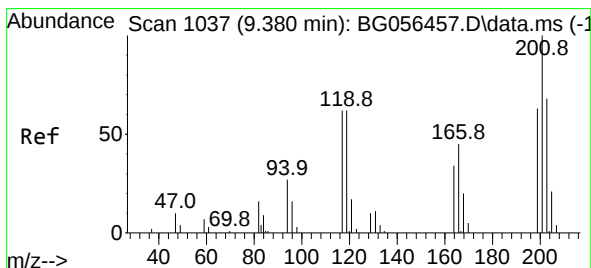
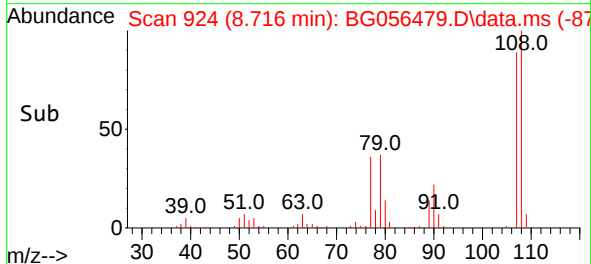
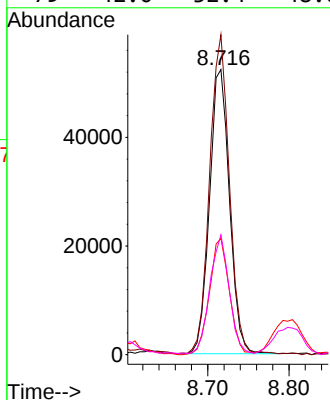
BNA_G

ClientSampleId :

SSTDCCC040

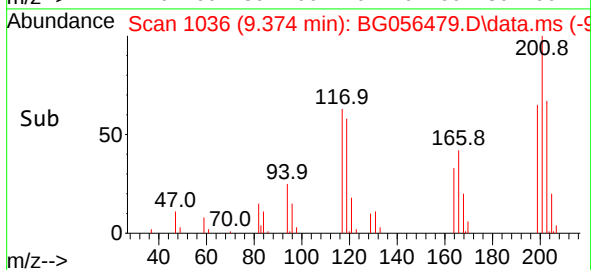
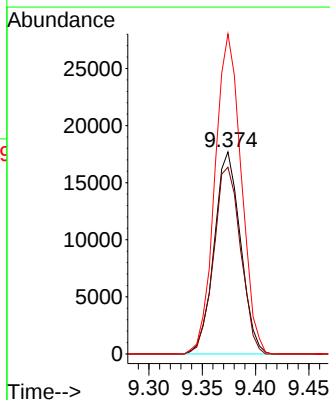
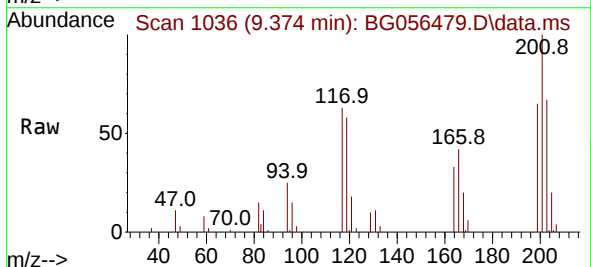


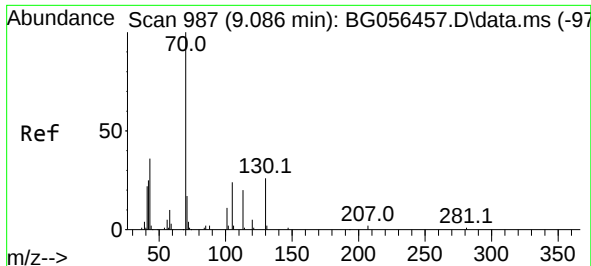
Tgt Ion:	107	Resp:	89332
Ion	Ratio	Lower	Upper
107	100		
108	112.2	83.9	125.9
77	40.8	31.6	47.4
79	42.0	32.4	48.6



#18
Hexachloroethane
Concen: 41.724 ng
RT: 9.374 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:	117	Resp:	30316
Ion	Ratio	Lower	Upper
117	100		
119	92.4	79.4	119.0
201	158.4	128.5	192.7

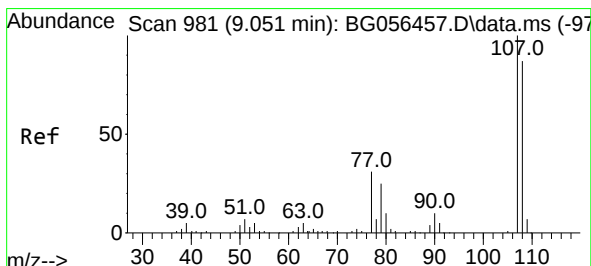
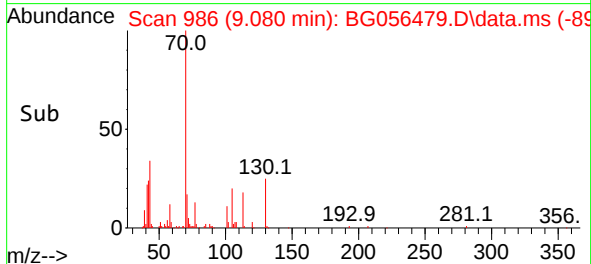
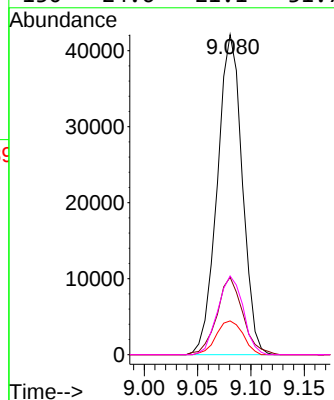
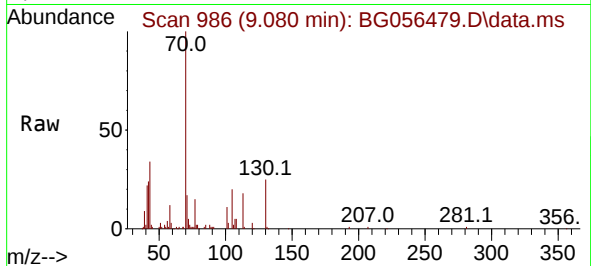




#19
n-Nitroso-di-n-propylamine
Concen: 42.689 ng
RT: 9.080 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

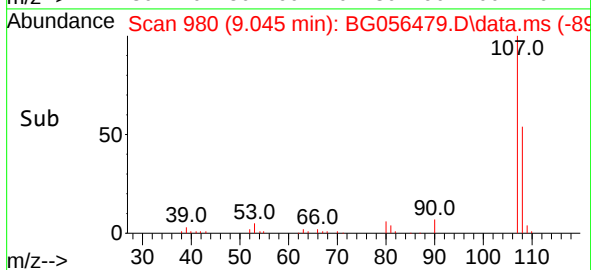
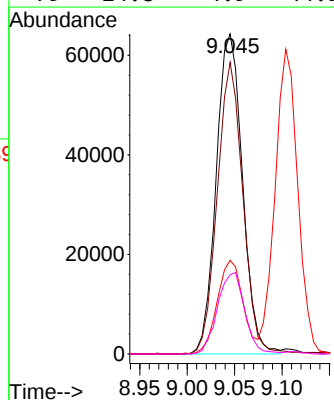
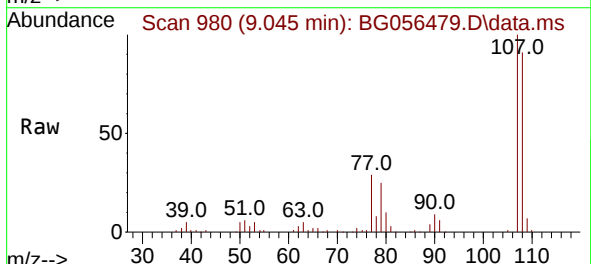
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

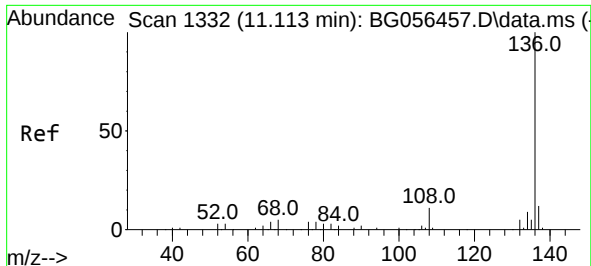
Tgt Ion: 70 Resp: 68361
Ion Ratio Lower Upper
70 100
42 24.2 20.2 30.4
101 10.5 9.1 13.7
130 24.6 21.1 31.7



#20
3+4-Methylphenols
Concen: 41.066 ng
RT: 9.045 min Scan# 980
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion: 107 Resp: 123652
Ion Ratio Lower Upper
107 100
108 91.1 66.7 106.7
77 29.2 10.6 50.6
79 24.8 4.9 44.9

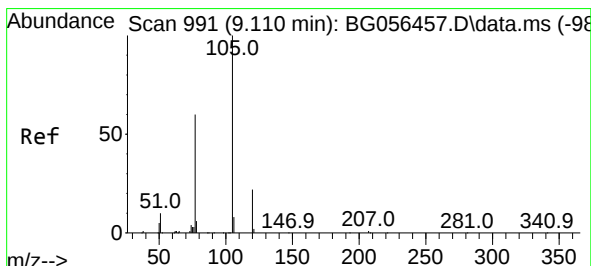
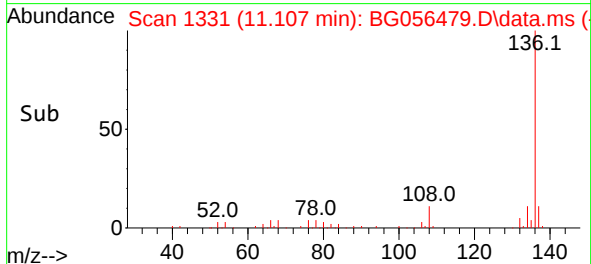
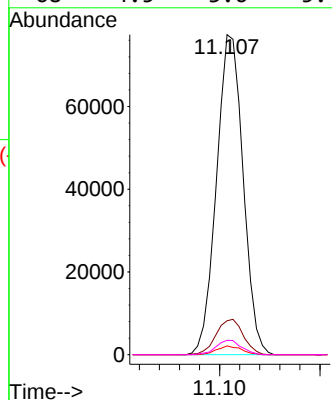
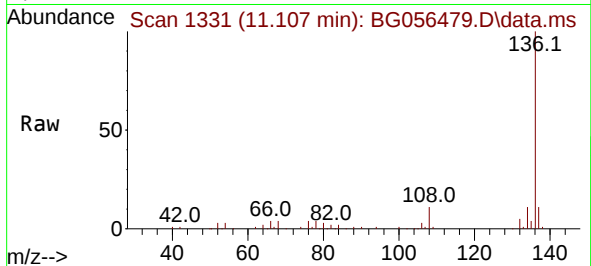




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

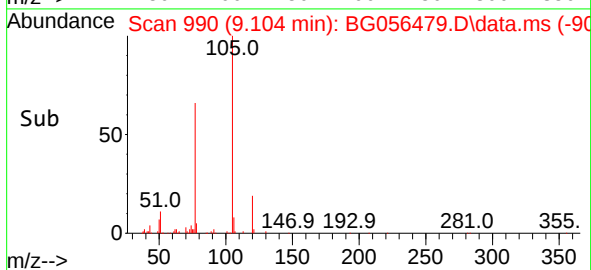
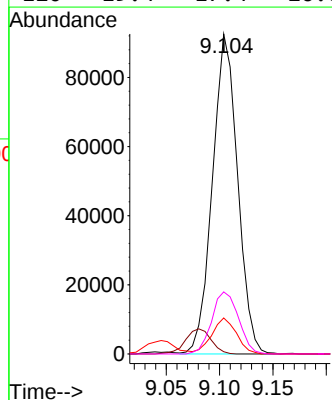
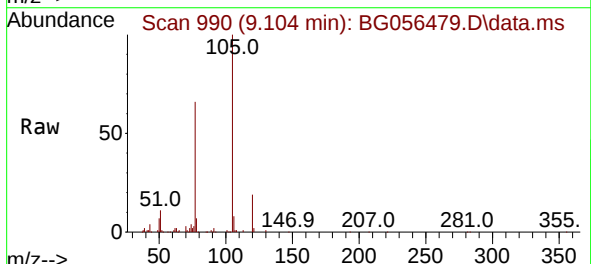
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

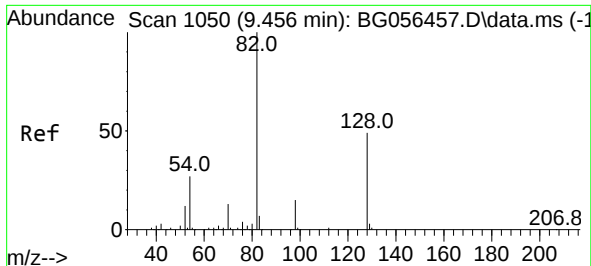
Tgt Ion:136	Resp: 142408
Ion Ratio	Lower Upper
136 100	
137 10.6	9.4 14.0
54 2.8	2.2 3.4
68 4.5	3.6 5.4



#22
Acetophenone
Concen: 40.147 ng
RT: 9.104 min Scan# 990
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion	Ion:105	Resp: 151907	
	Ratio	Lower	Upper
105	100		
71	0.7	0.6	0.8
51	11.2	9.2	13.8
120	19.4	17.4	26.0

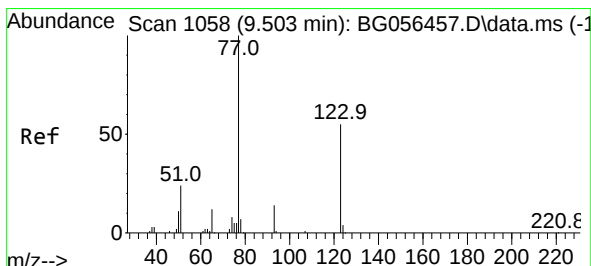
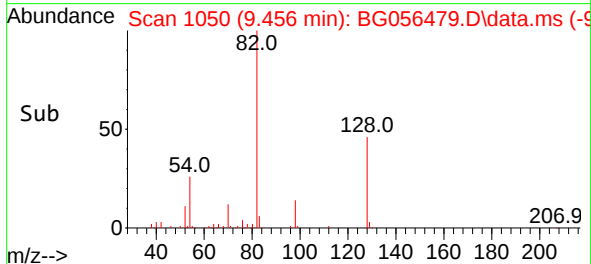
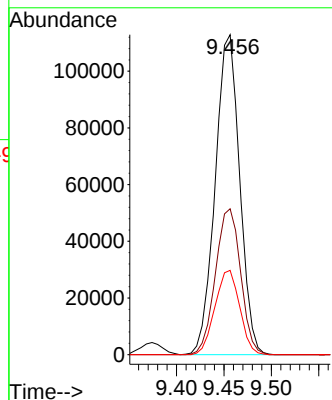
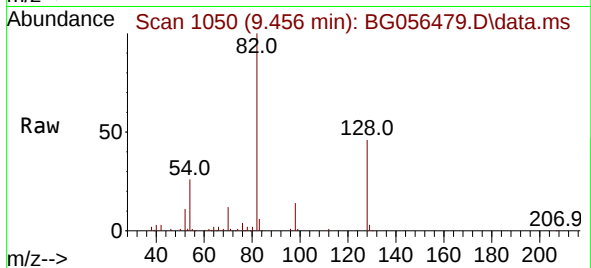




#23
Nitrobenzene-d5
Concen: 80.881 ng
RT: 9.456 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

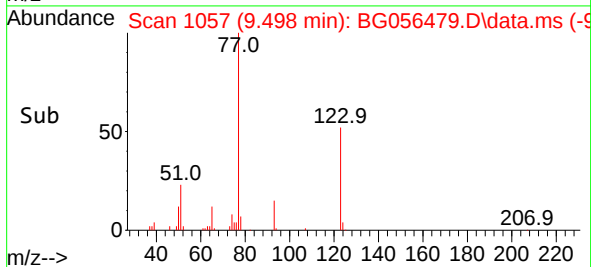
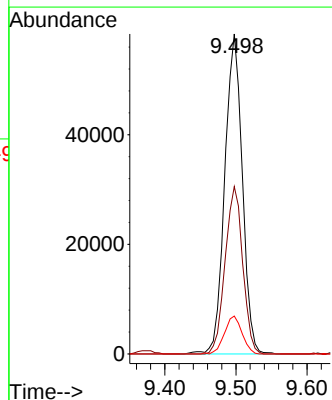
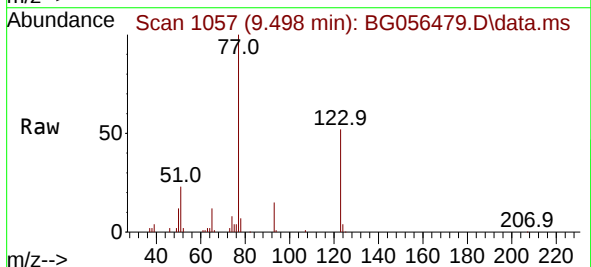
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

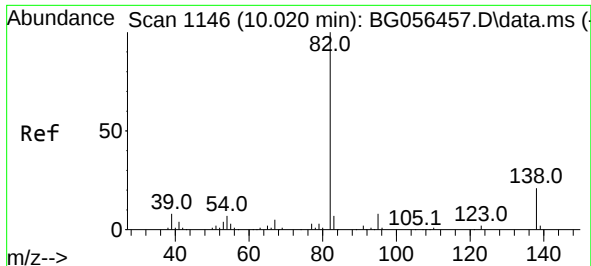
Tgt Ion: 82 Resp: 202838
Ion Ratio Lower Upper
82 100
128 45.6 39.4 59.2
54 26.4 21.4 32.2



#24
Nitrobenzene
Concen: 41.277 ng
RT: 9.498 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion: 77 Resp: 99848
Ion Ratio Lower Upper
77 100
123 52.3 44.0 66.0
65 11.9 9.7 14.5

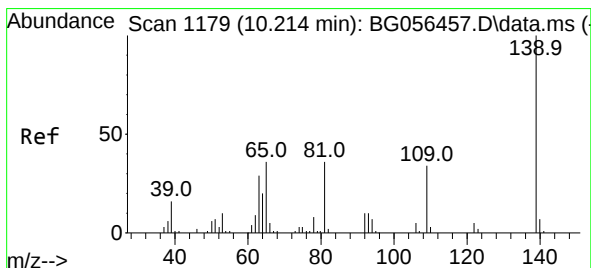
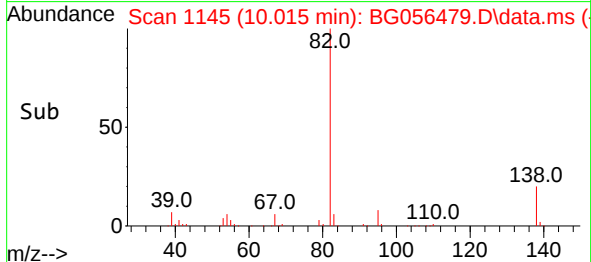
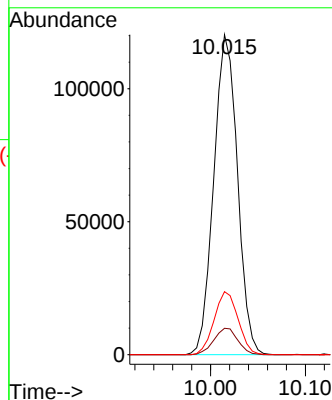
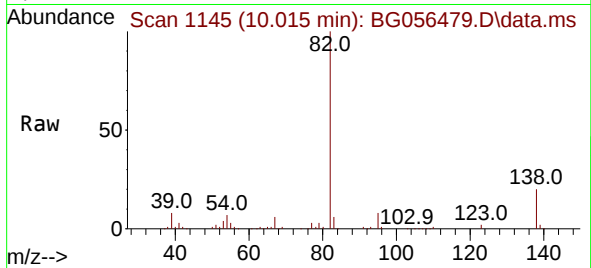




#25
Isophorone
Concen: 40.389 ng
RT: 10.015 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

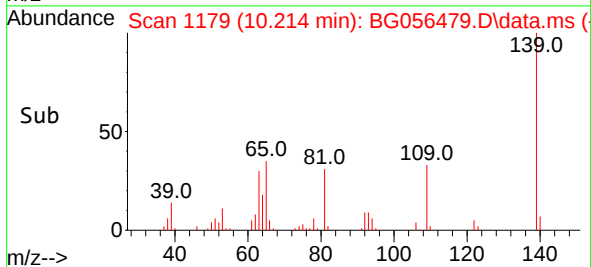
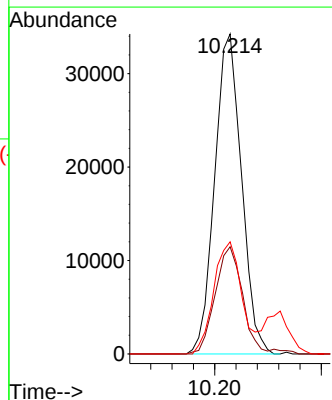
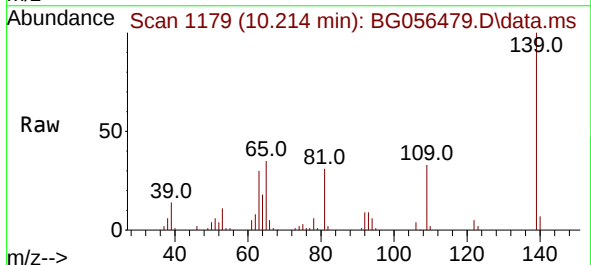
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

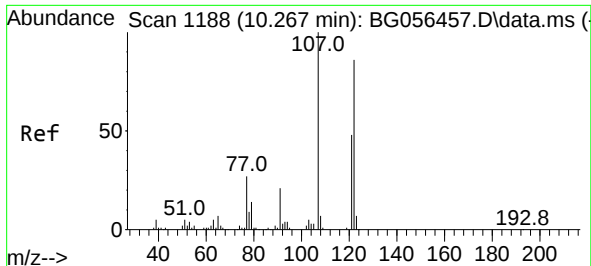
Tgt Ion: 82 Resp: 208962
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 19.7 16.6 25.0



#26
2-Nitrophenol
Concen: 40.683 ng
RT: 10.214 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion: 139 Resp: 59710
Ion Ratio Lower Upper
139 100
109 33.5 26.9 40.3
65 35.1 29.0 43.4





#27

2,4-Dimethylphenol

Concen: 39.765 ng

RT: 10.255 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

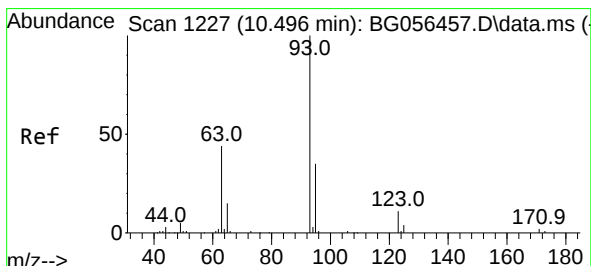
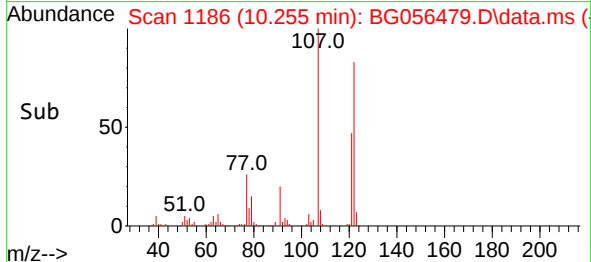
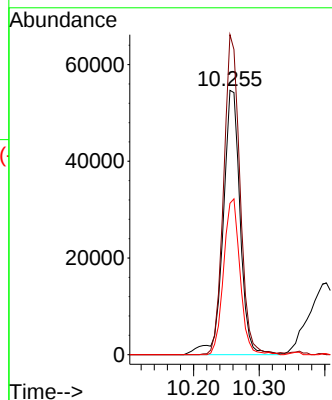
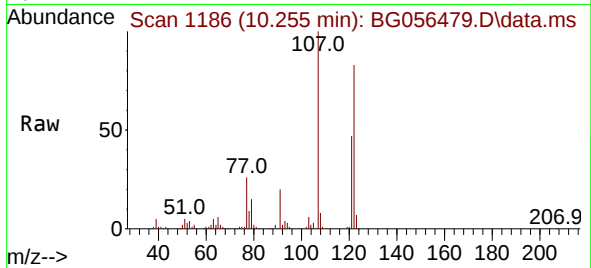
Tgt Ion:122 Resp: 97675

Ion Ratio Lower Upper

122 100

107 121.1 92.9 139.3

121 57.3 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.224 ng

RT: 10.491 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

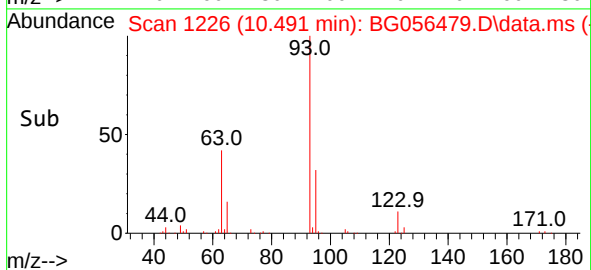
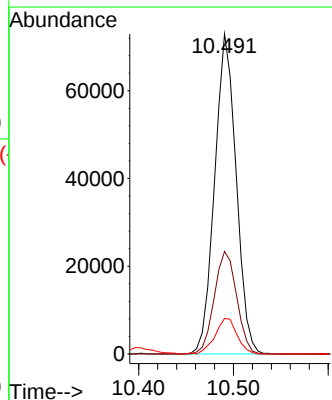
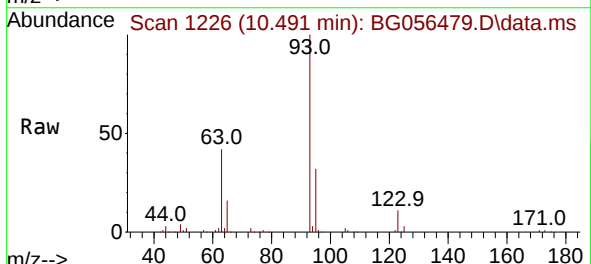
Tgt Ion: 93 Resp: 114967

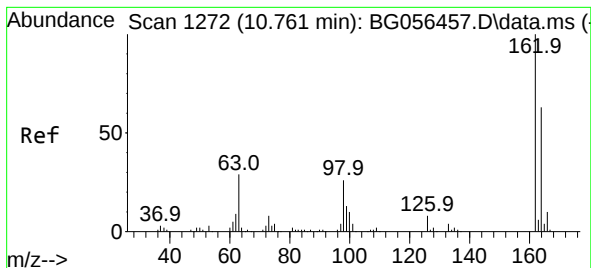
Ion Ratio Lower Upper

93 100

95 32.0 27.9 41.9

123 11.1 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 39.554 ng

RT: 10.755 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

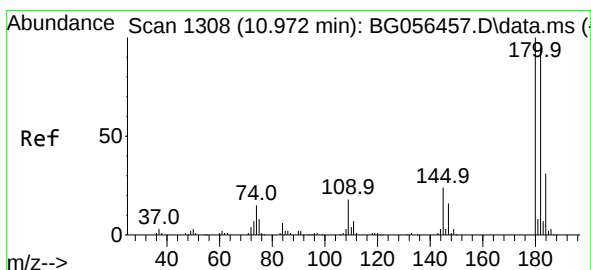
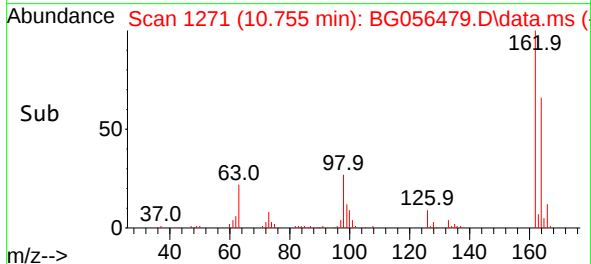
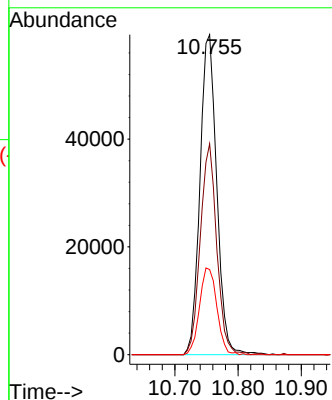
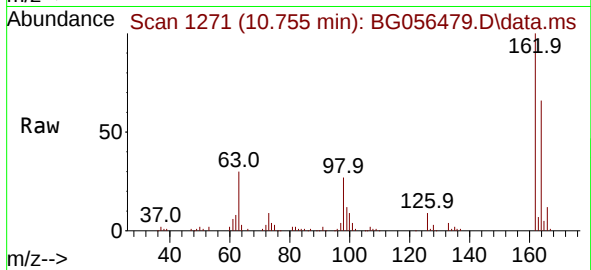
Tgt Ion:162 Resp: 109361

Ion Ratio Lower Upper

162 100

164 65.9 42.8 82.8

98 26.6 6.5 46.5



#30

1,2,4-Trichlorobenzene

Concen: 39.565 ng

RT: 10.966 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

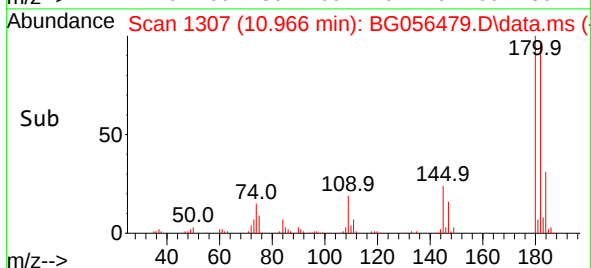
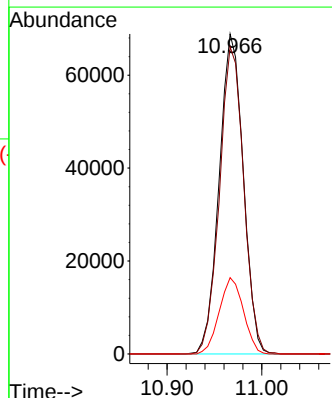
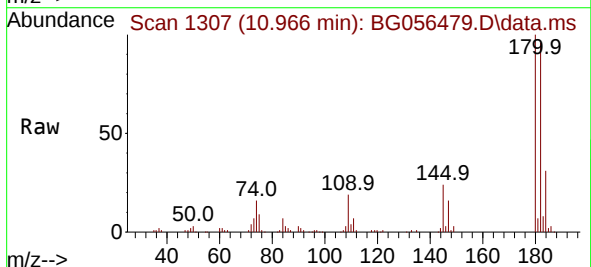
Tgt Ion:180 Resp: 121561

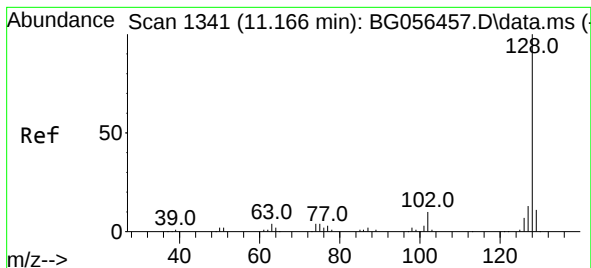
Ion Ratio Lower Upper

180 100

182 95.9 75.9 113.9

145 23.9 19.4 29.0

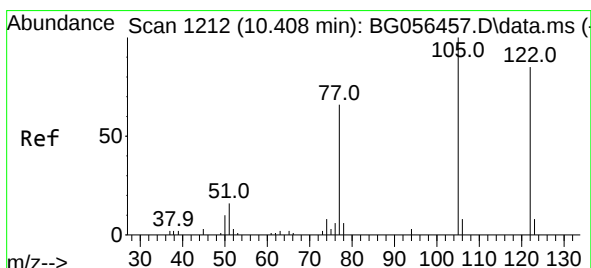
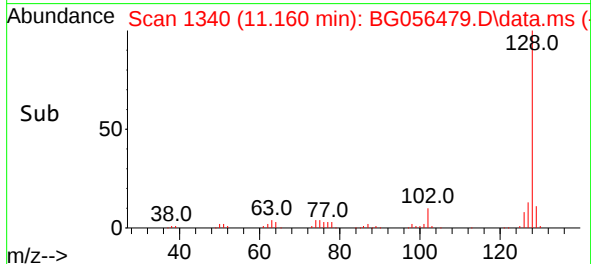
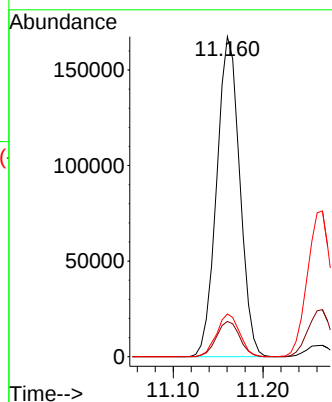
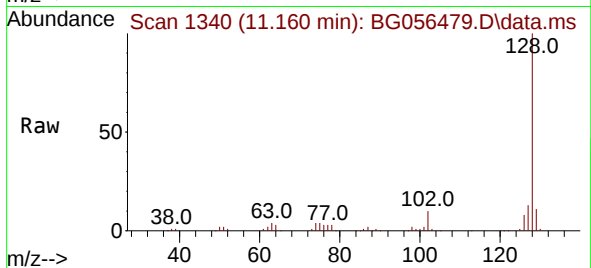




#31
Naphthalene
Concen: 39.681 ng
RT: 11.160 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

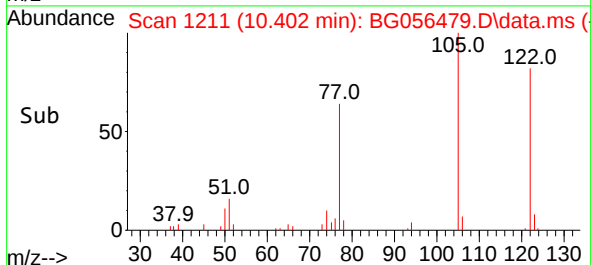
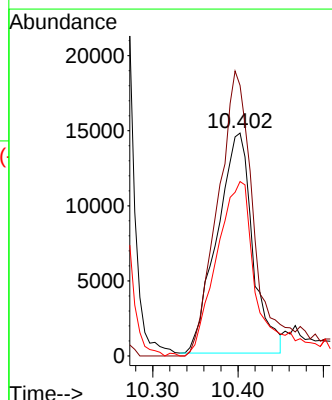
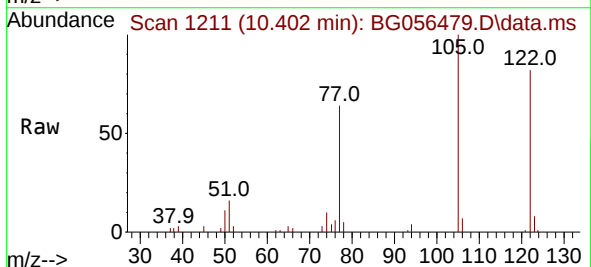
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

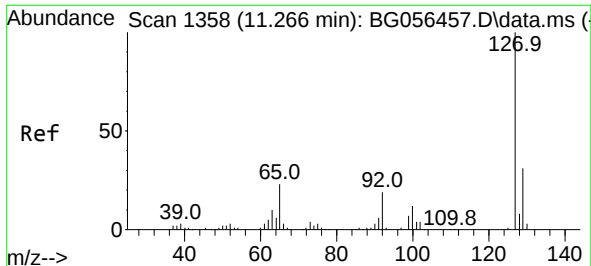
Tgt Ion:128 Resp: 298255
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.4 15.6



#32
Benzoic acid
Concen: 30.929 ng
RT: 10.402 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:122 Resp: 42503
Ion Ratio Lower Upper
122 100
105 121.4 96.5 136.5
77 78.3 57.3 97.3

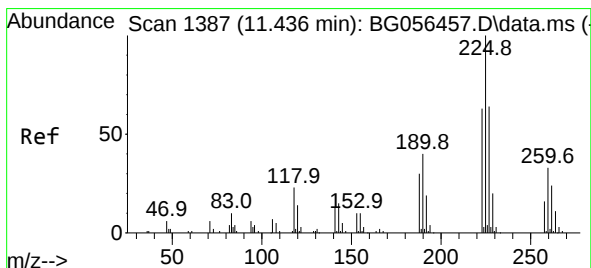
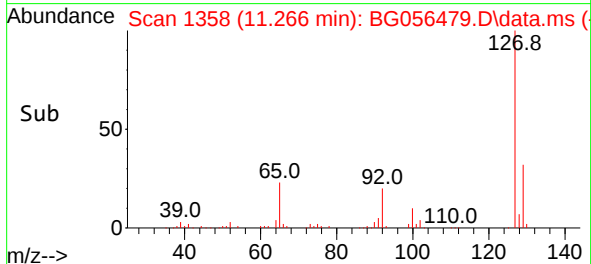
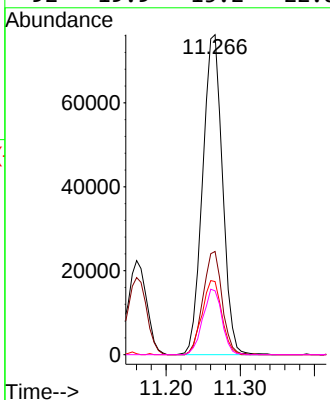
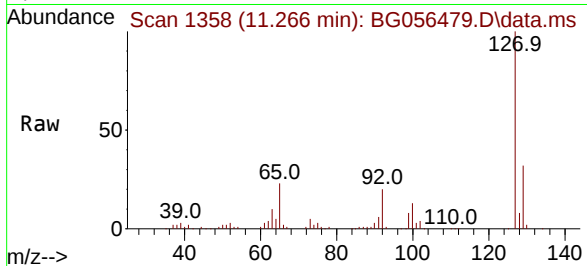




#33
4-Chloroaniline
Concen: 40.352 ng
RT: 11.266 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

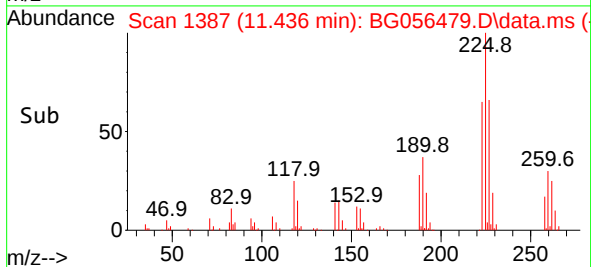
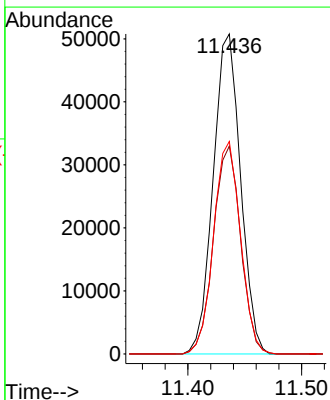
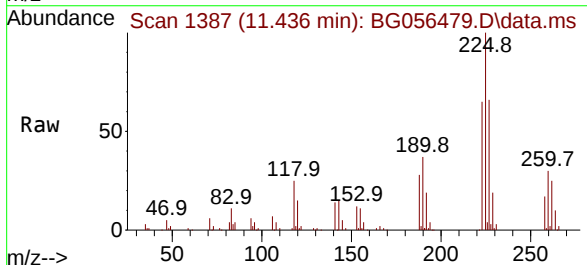
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

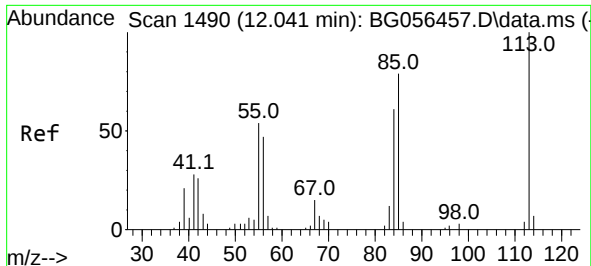
Tgt Ion:	127	Resp:	141578
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.0	37.6
65	22.8	18.5	27.7
92	19.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.387 ng
RT: 11.436 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:	225	Resp:	84944
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.6	75.8
227	69.5	53.7	80.5

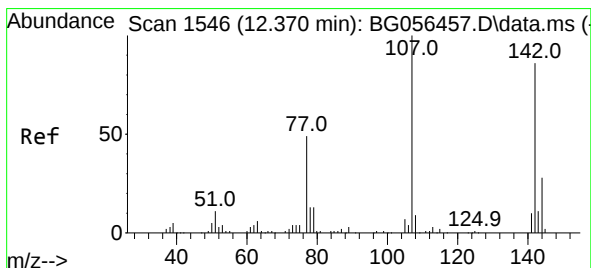
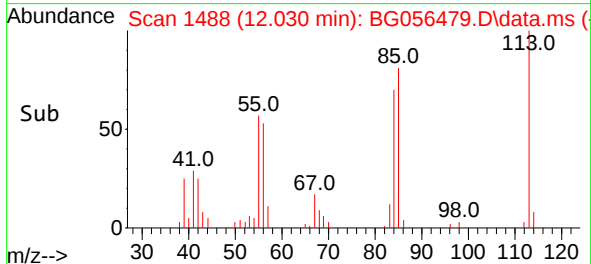
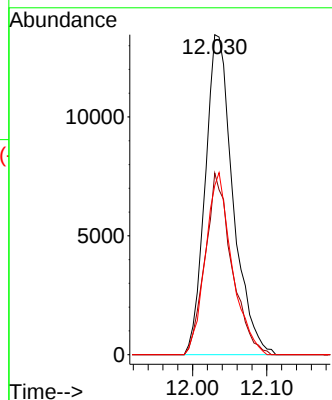
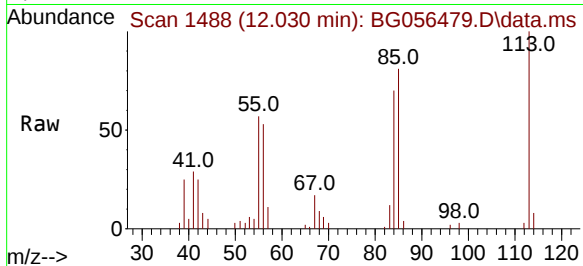




#35
Caprolactam
Concen: 37.516 ng
RT: 12.030 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

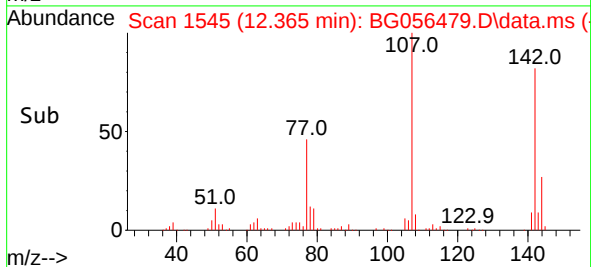
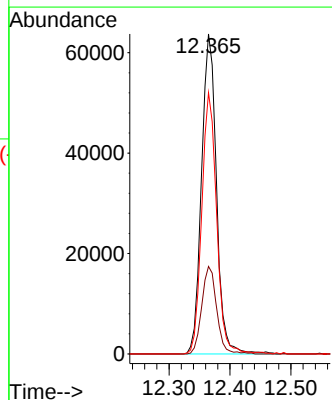
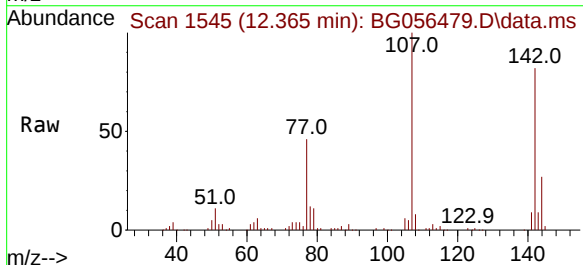
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

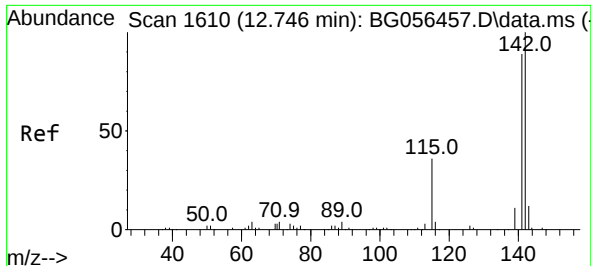
Tgt Ion:113 Resp: 34982
Ion Ratio Lower Upper
113 100
55 56.8 33.7 73.7
56 52.9 27.1 67.1



#36
4-Chloro-3-methylphenol
Concen: 40.609 ng
RT: 12.365 min Scan# 1545
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:107 Resp: 108429
Ion Ratio Lower Upper
107 100
144 27.3 22.3 33.5
142 81.6 68.9 103.3





#37

2-Methylnaphthalene

Concen: 39.777 ng

RT: 12.747 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

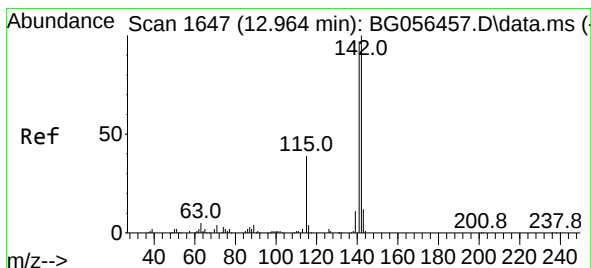
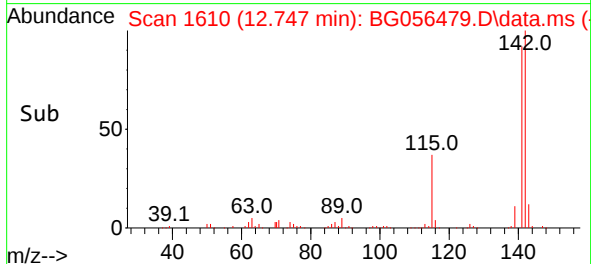
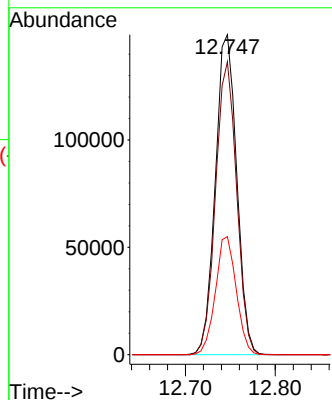
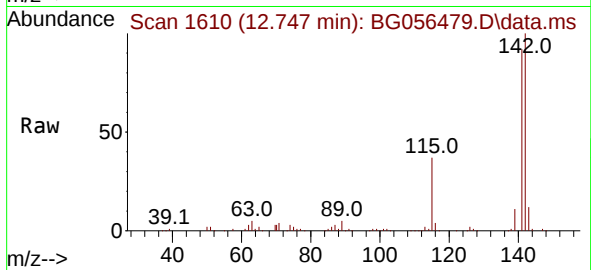
Tgt Ion:142 Resp: 246482

Ion Ratio Lower Upper

142 100

141 91.5 71.4 107.0

115 36.9 28.4 42.6



#38

1-Methylnaphthalene

Concen: 39.185 ng

RT: 12.964 min Scan# 1647

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

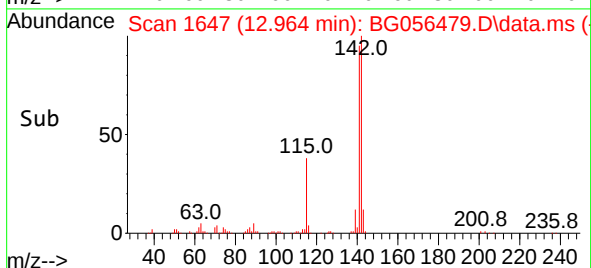
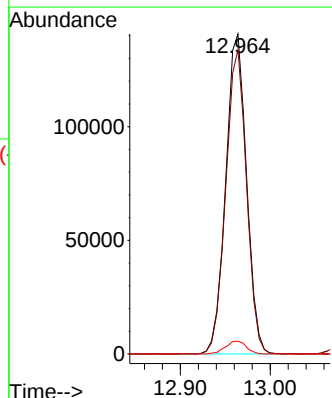
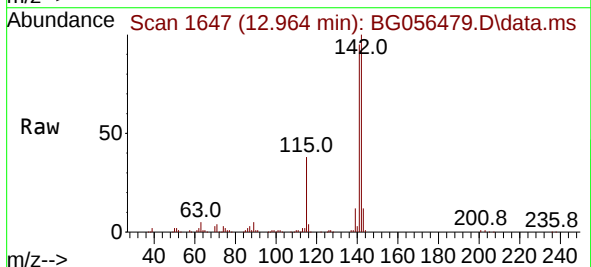
Tgt Ion:142 Resp: 226770

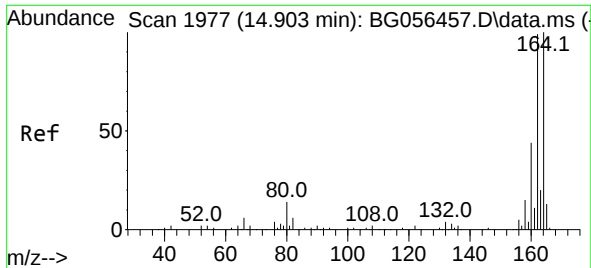
Ion Ratio Lower Upper

142 100

141 95.1 77.7 116.5

116 4.0 3.4 5.2

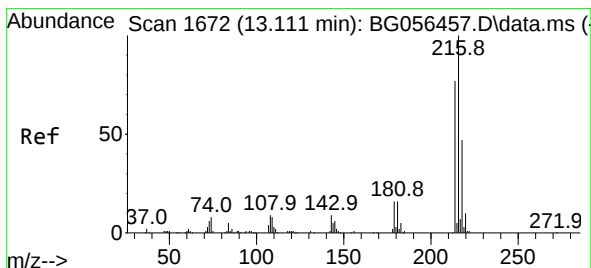
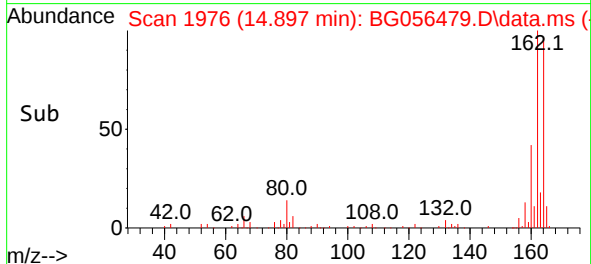
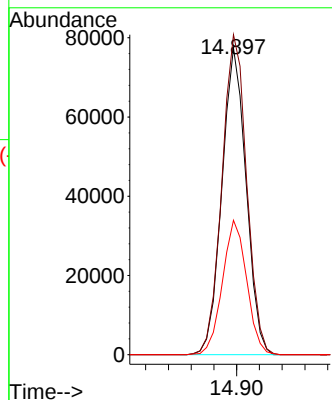
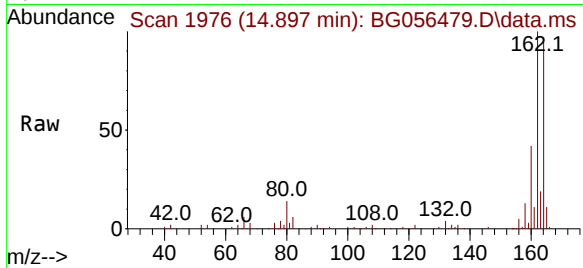




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.897 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

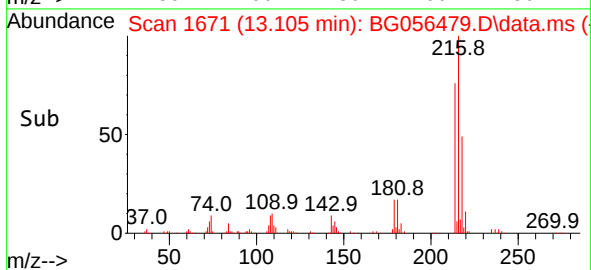
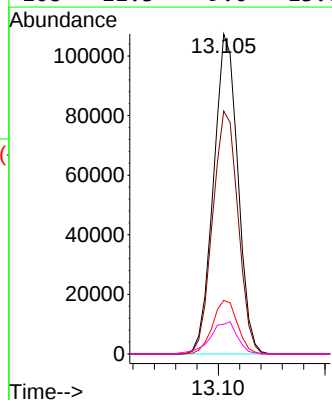
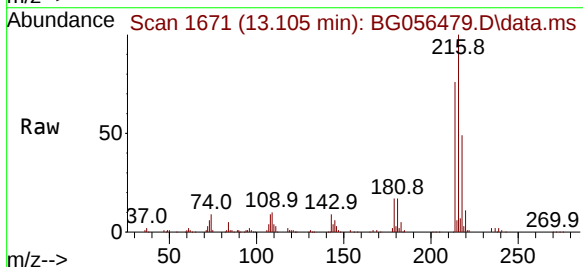
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

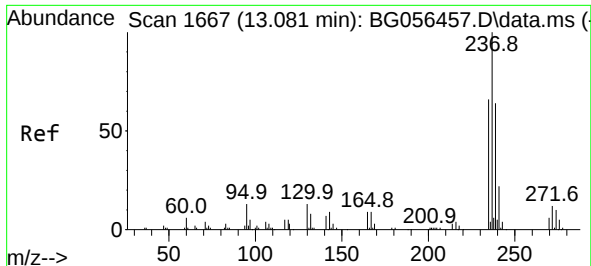
Tgt Ion:164 Resp: 114265
Ion Ratio Lower Upper
164 100
162 104.3 79.6 119.4
160 43.8 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.605 ng
RT: 13.105 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:216 Resp: 169504
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.6
179 17.3 14.1 21.1
108 11.3 9.0 13.6

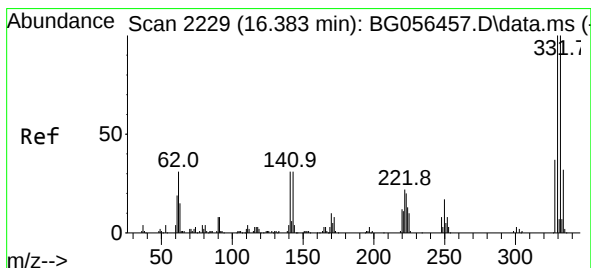
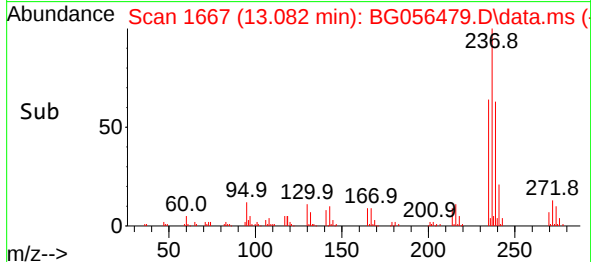
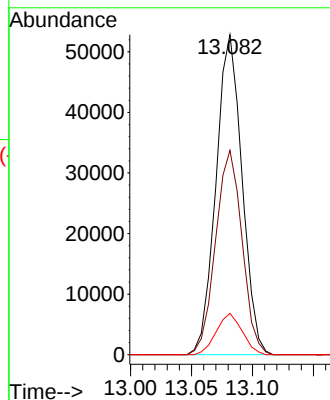
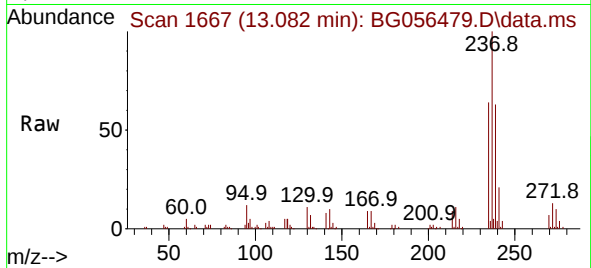




#41
Hexachlorocyclopentadiene
Concen: 39.039 ng
RT: 13.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

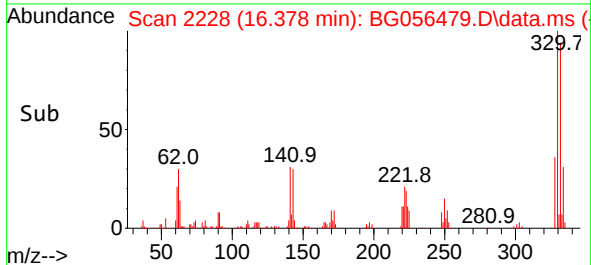
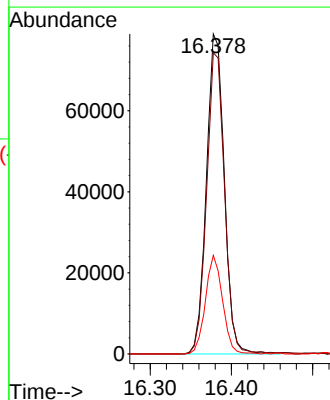
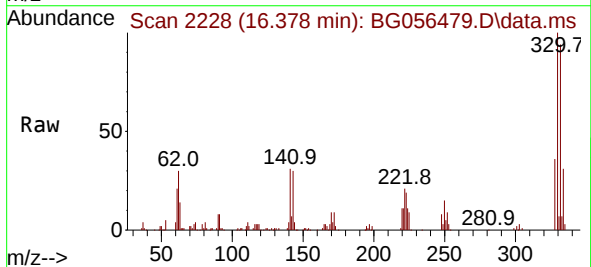
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

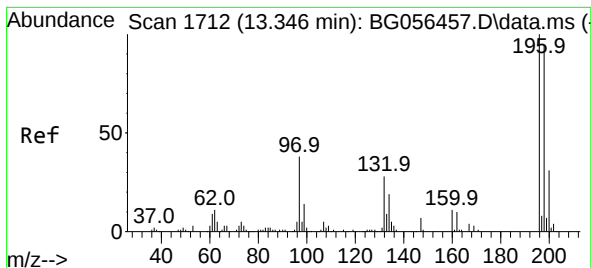
Tgt Ion:237 Resp: 78546
Ion Ratio Lower Upper
237 100
235 63.9 45.6 85.6
272 12.9 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 79.373 ng
RT: 16.378 min Scan# 2228
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:330 Resp: 120575
Ion Ratio Lower Upper
330 100
332 94.7 79.0 118.6
141 29.5 24.2 36.4





#43

2,4,6-Trichlorophenol

Concen: 40.369 ng

RT: 13.340 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

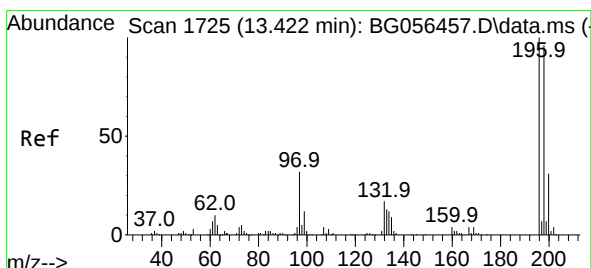
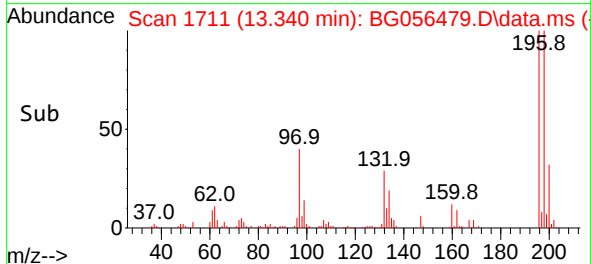
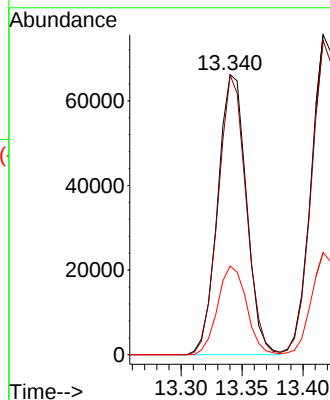
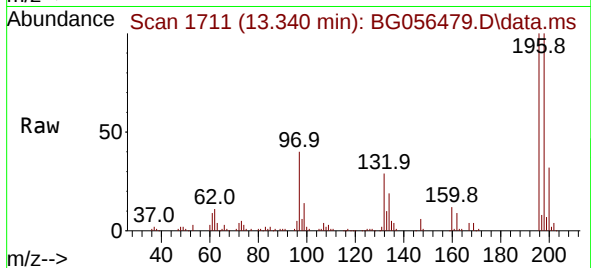
Tgt Ion:196 Resp: 108598

Ion Ratio Lower Upper

196 100

198 99.7 75.4 113.0

200 31.6 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 39.988 ng

RT: 13.416 min Scan# 1724

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Tgt Ion:196 Resp: 125948

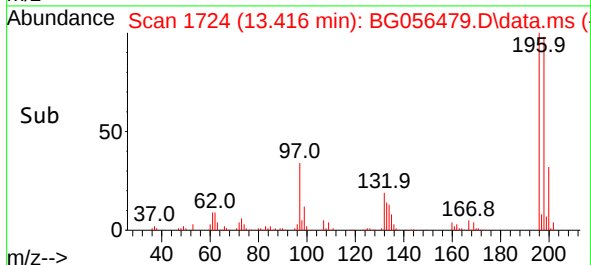
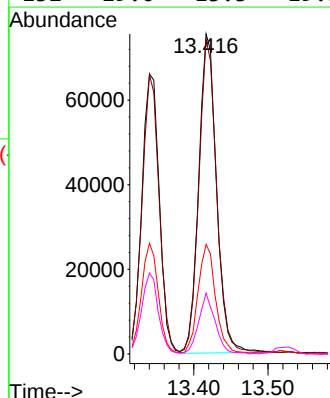
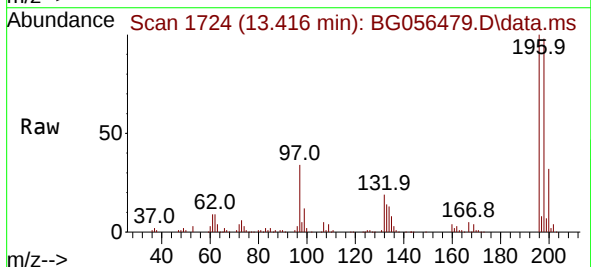
Ion Ratio Lower Upper

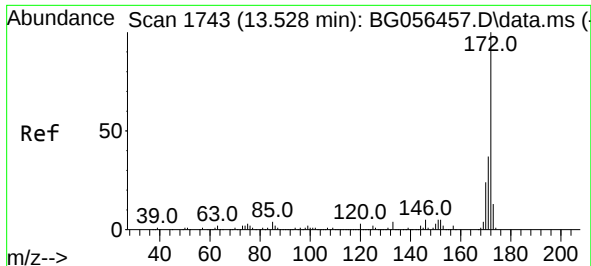
196 100

198 98.2 76.9 115.3

97 34.2 25.8 38.6

132 19.0 13.3 19.9

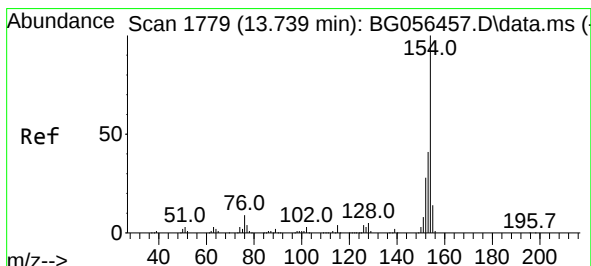
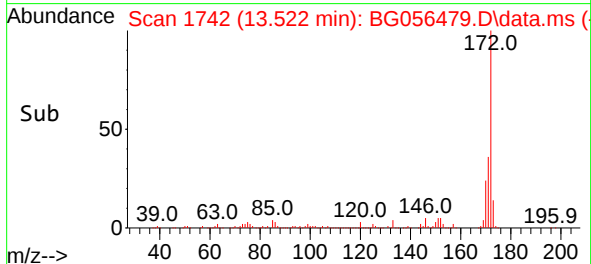
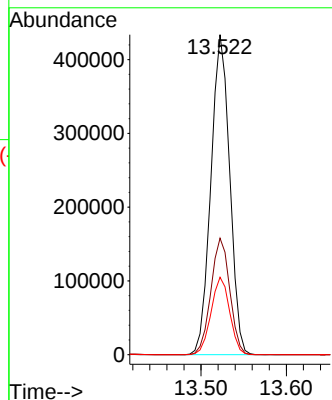
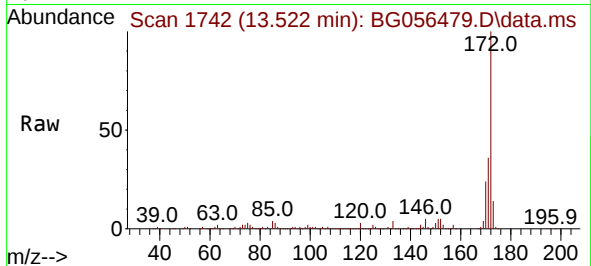




#45
2-Fluorobiphenyl
Concen: 80.537 ng
RT: 13.522 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

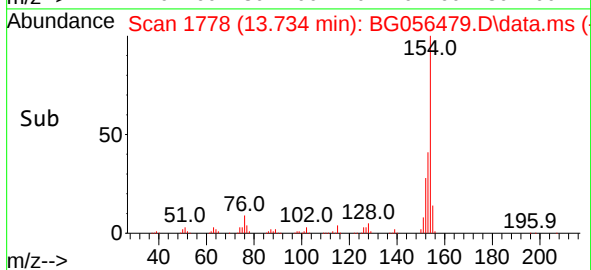
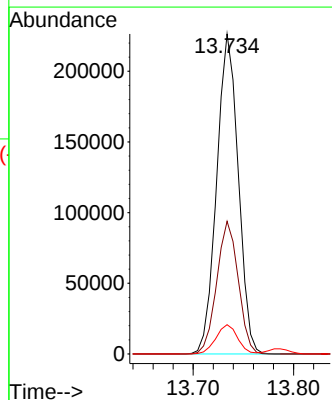
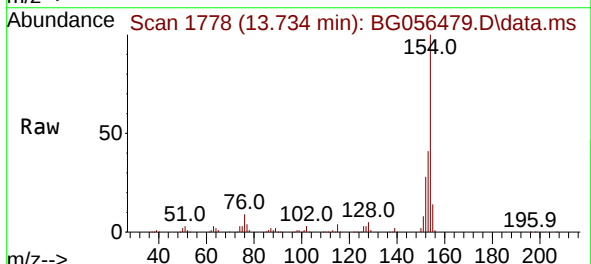
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

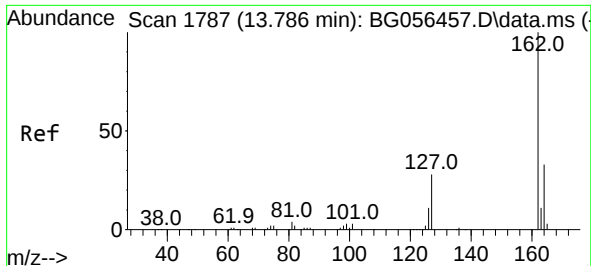
Tgt Ion:172 Resp: 663762
Ion Ratio Lower Upper
172 100
171 36.4 29.5 44.3
170 24.2 19.2 28.8



#46
1,1'-Biphenyl
Concen: 40.676 ng
RT: 13.734 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:154 Resp: 337122
Ion Ratio Lower Upper
154 100
153 41.5 21.5 61.5
76 9.1 0.0 28.8

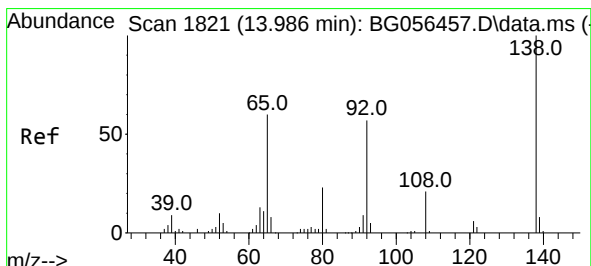
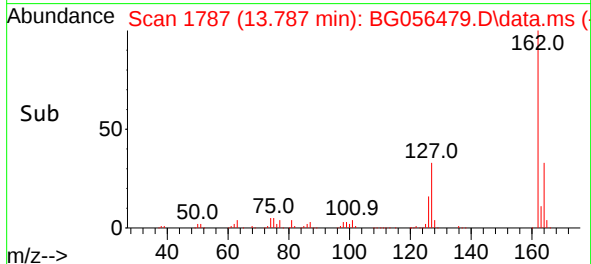
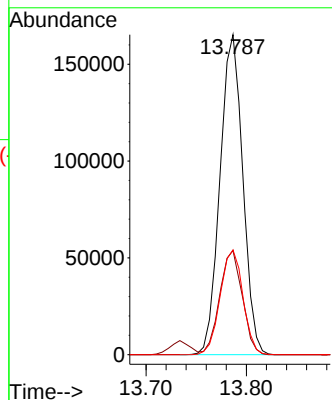
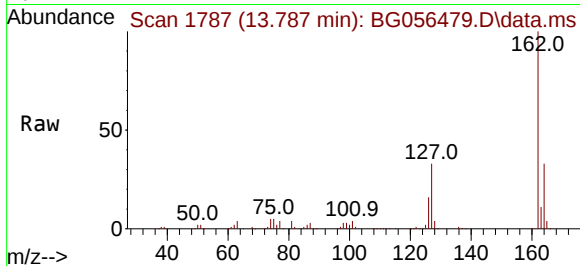




#47
2-Chloronaphthalene
Concen: 40.217 ng
RT: 13.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

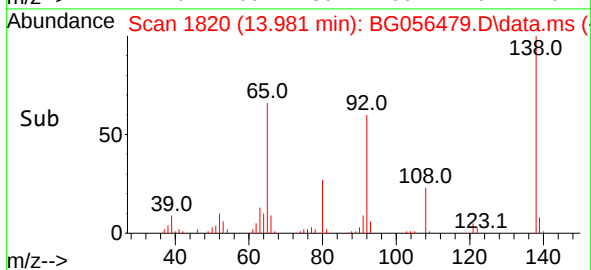
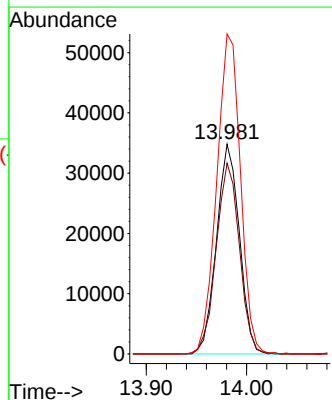
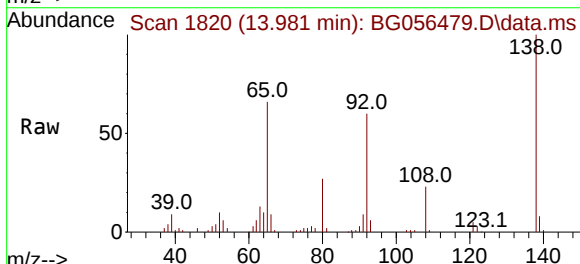
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

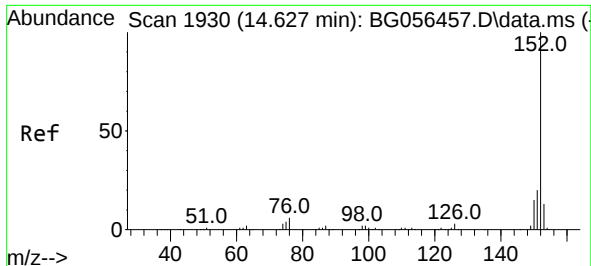
Tgt Ion:162 Resp: 260534
Ion Ratio Lower Upper
162 100
127 32.6 25.2 37.8
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 41.210 ng
RT: 13.981 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion: 65 Resp: 55187
Ion Ratio Lower Upper
65 100
92 91.0 75.8 113.6
138 152.5 133.2 199.8

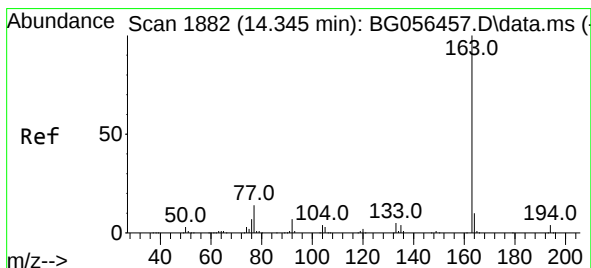
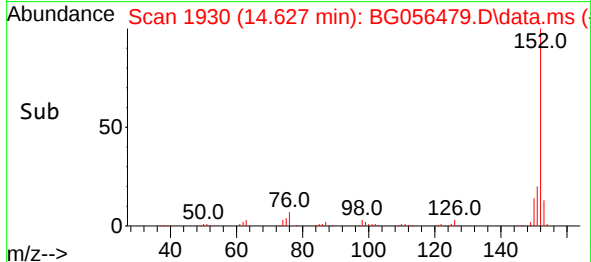
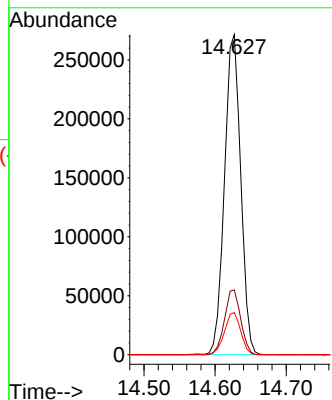
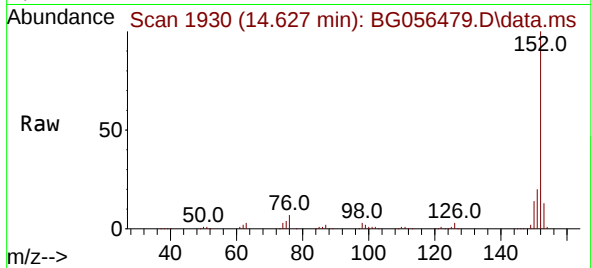




#49
Acenaphthylene
Concen: 40.756 ng
RT: 14.627 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

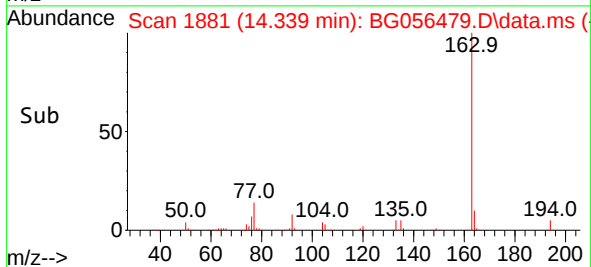
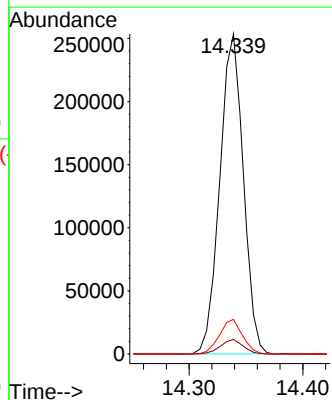
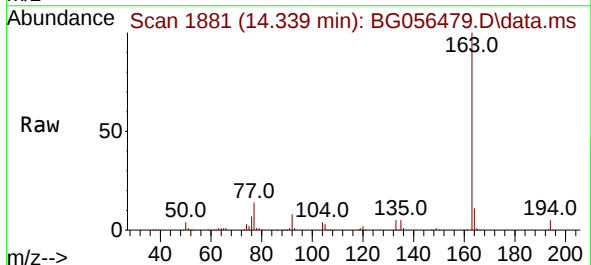
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

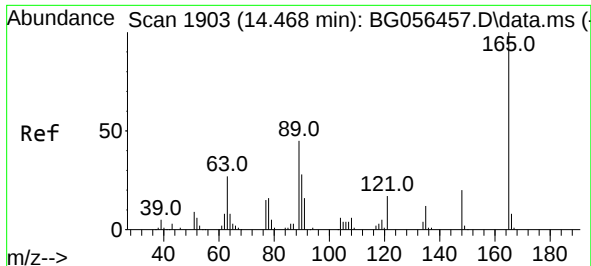
Tgt Ion:152 Resp: 429554
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 39.375 ng
RT: 14.339 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:163 Resp: 364000
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.8 8.1 12.1

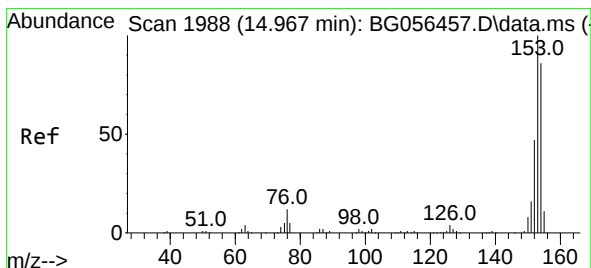
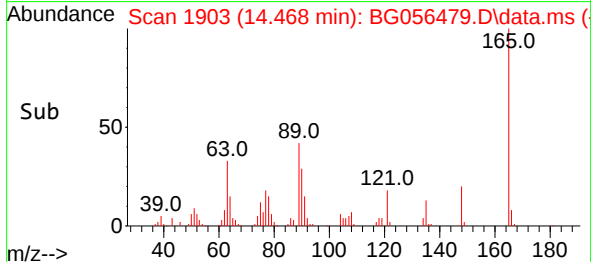
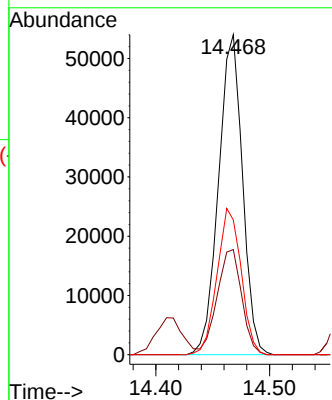
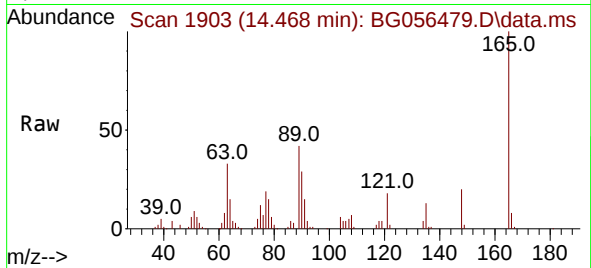




#51
2,6-Dinitrotoluene
Concen: 39.243 ng
RT: 14.468 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

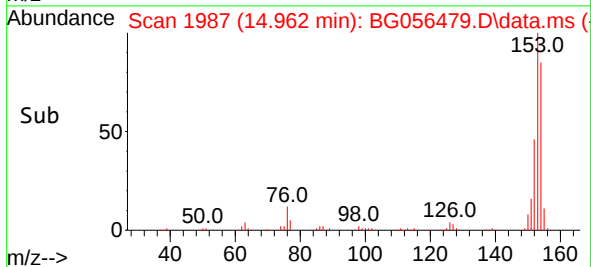
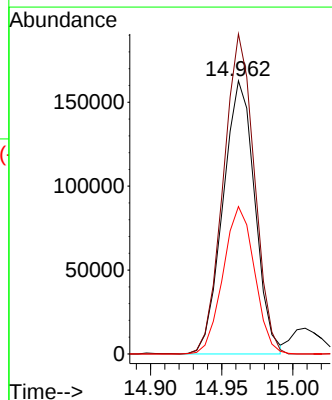
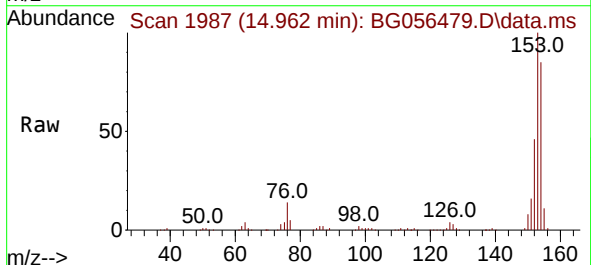
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

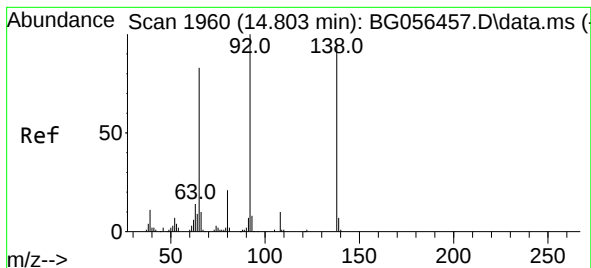
Tgt Ion:165 Resp: 79113
Ion Ratio Lower Upper
165 100
63 32.8 26.9 40.3
89 42.1 35.6 53.4



#52
Acenaphthene
Concen: 40.687 ng
RT: 14.962 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:154 Resp: 254301
Ion Ratio Lower Upper
154 100
153 117.1 93.4 140.0
152 53.9 43.4 65.2

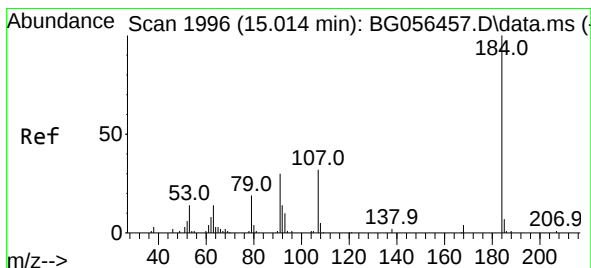
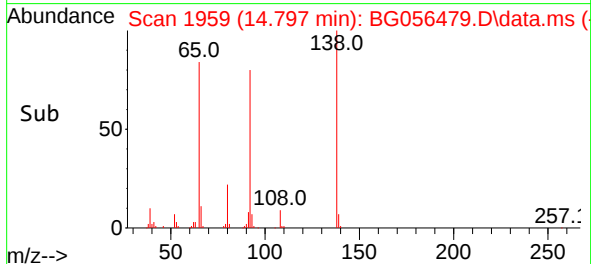
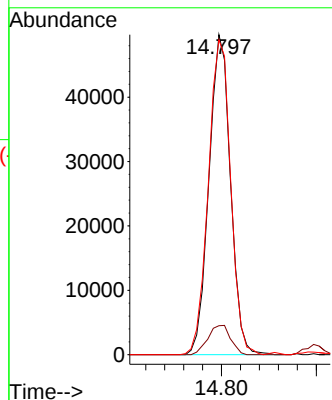
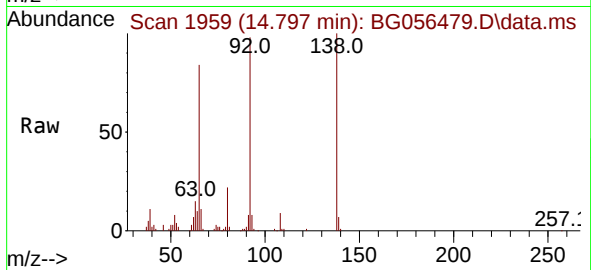




#53
3-Nitroaniline
Concen: 39.991 ng
RT: 14.797 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

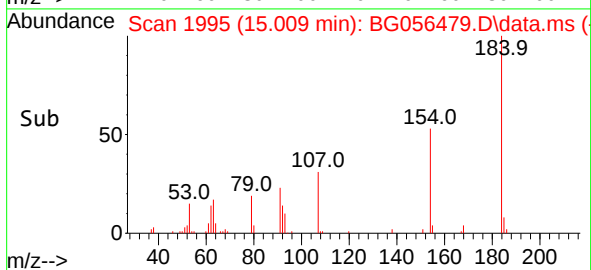
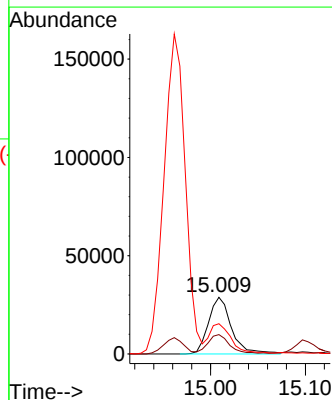
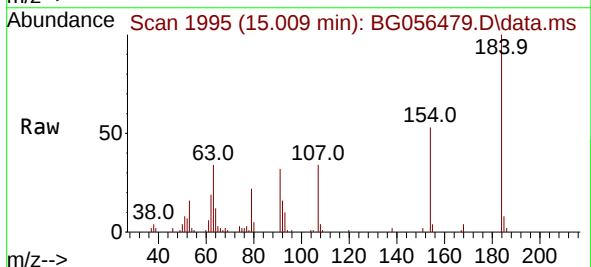
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

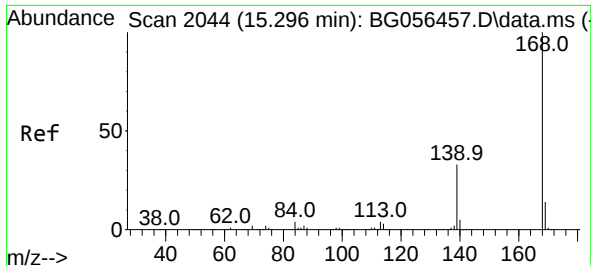
Tgt Ion:138 Resp: 78160
Ion Ratio Lower Upper
138 100
108 9.0 8.0 12.0
92 98.4 84.1 126.1



#54
2,4-Dinitrophenol
Concen: 38.418 ng
RT: 15.009 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:184 Resp: 48555
Ion Ratio Lower Upper
184 100
63 34.2 25.1 37.7
154 53.2 44.8 67.2

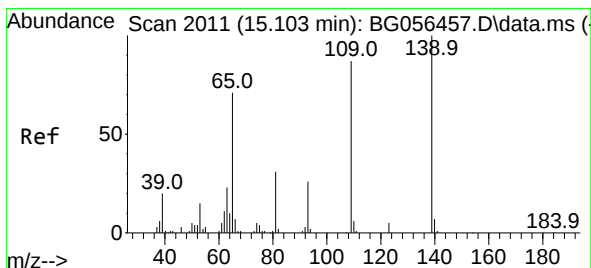
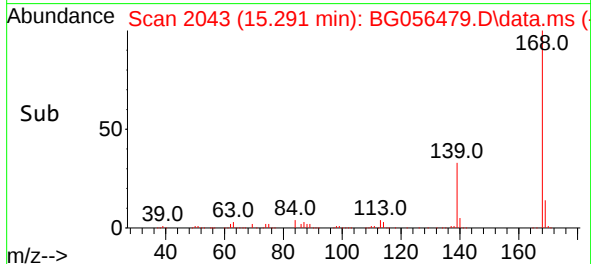
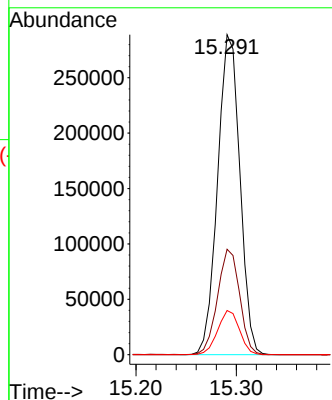
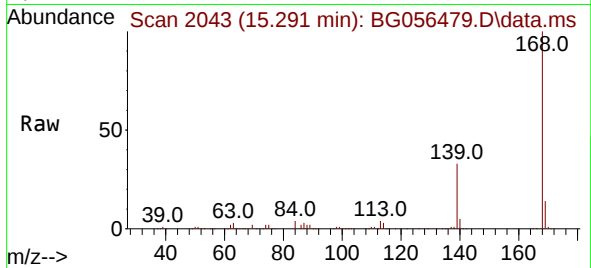




#55
Dibenzofuran
Concen: 39.642 ng
RT: 15.291 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

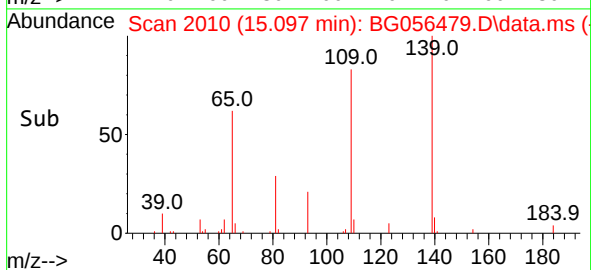
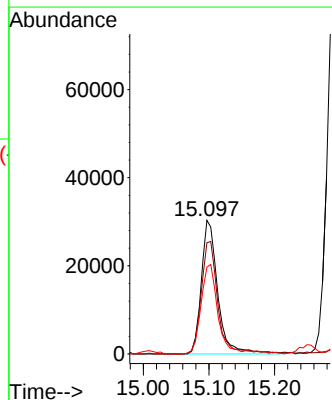
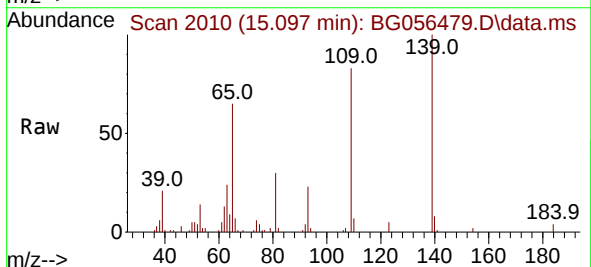
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

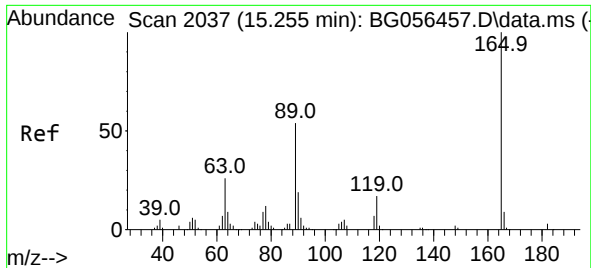
Tgt Ion:168 Resp: 444351
Ion Ratio Lower Upper
168 100
139 33.0 26.2 39.2
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 39.648 ng
RT: 15.097 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:139 Resp: 52948
Ion Ratio Lower Upper
139 100
109 83.2 67.5 107.5
65 64.9 50.7 90.7

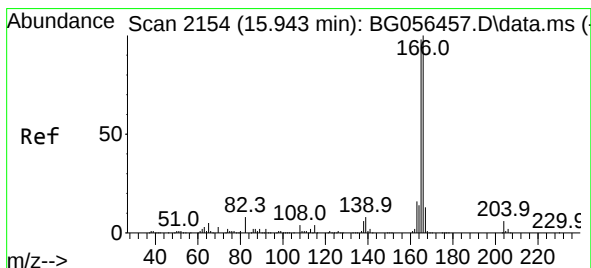
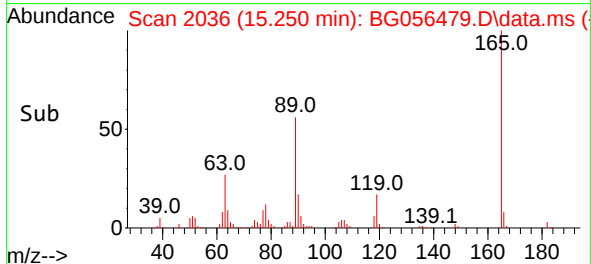
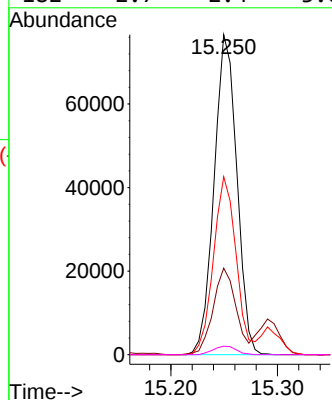
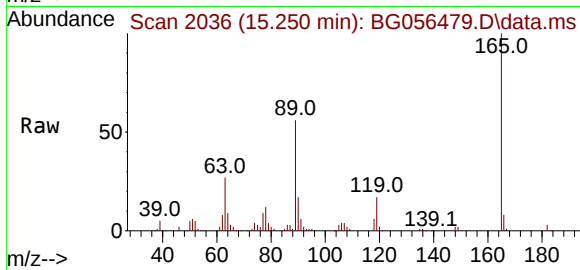




#57
2,4-Dinitrotoluene
Concen: 39.885 ng
RT: 15.250 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

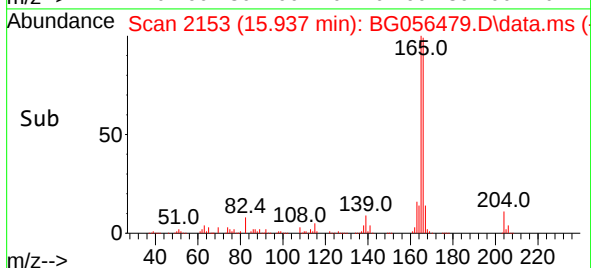
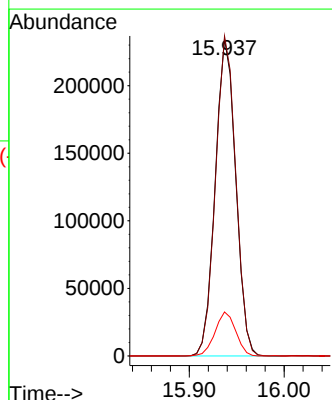
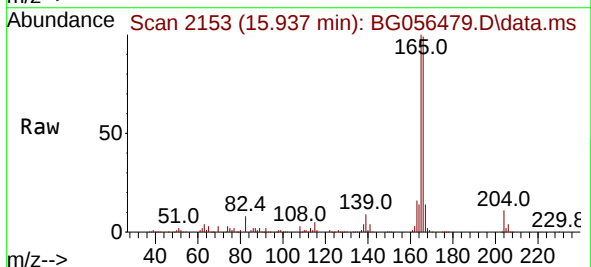
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

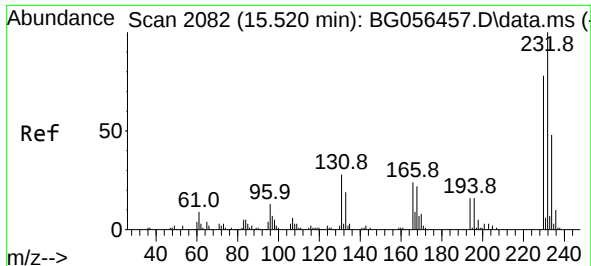
Tgt Ion:165 Resp: 113259
Ion Ratio Lower Upper
165 100
63 27.0 20.6 31.0
89 55.6 43.1 64.7
182 2.7 2.4 3.6



#58
Fluorene
Concen: 39.496 ng
RT: 15.937 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:166 Resp: 352269
Ion Ratio Lower Upper
166 100
165 100.9 78.8 118.2
167 13.9 10.6 15.8

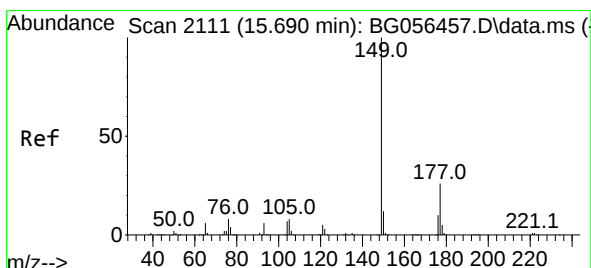
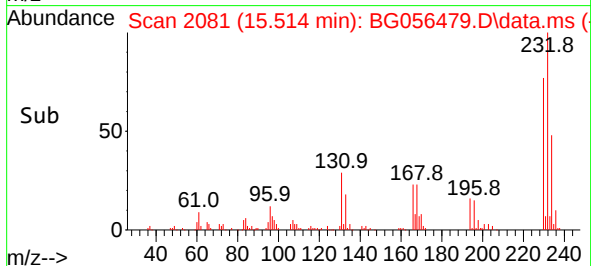
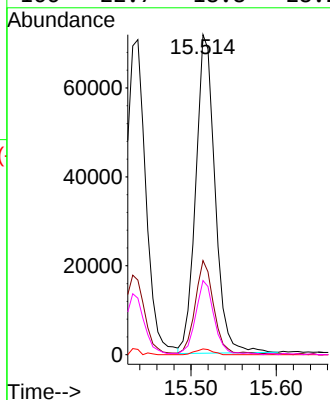
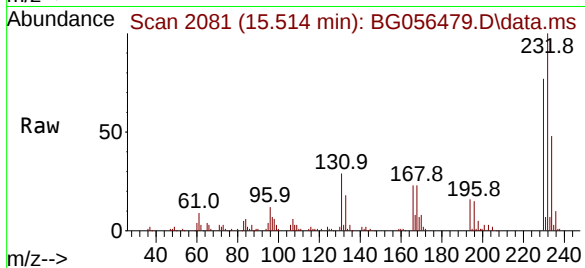




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.156 ng
RT: 15.514 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

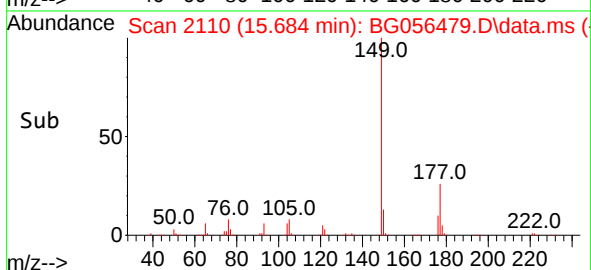
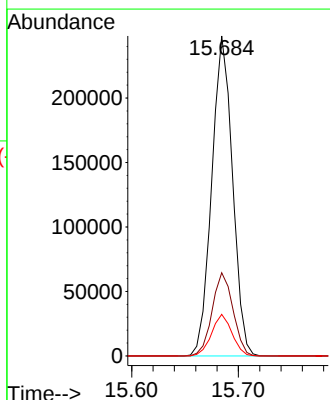
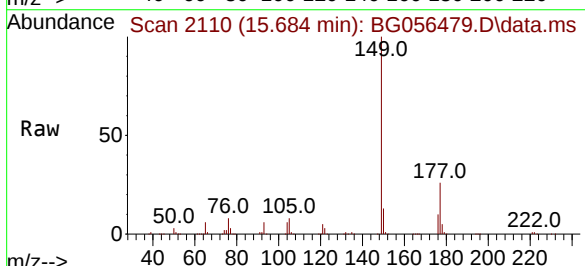
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

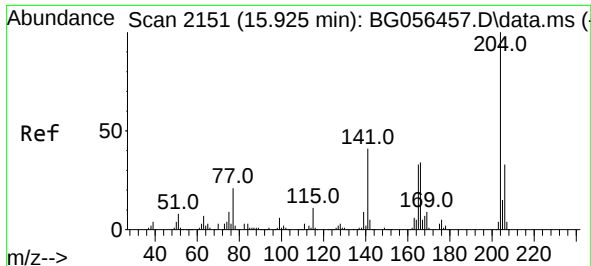
Tgt Ion:232 Resp: 112454
Ion Ratio Lower Upper
232 100
131 27.2 22.8 34.2
130 1.6 1.4 2.0
166 22.7 18.8 28.2



#60
Diethylphthalate
Concen: 38.585 ng
RT: 15.684 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:149 Resp: 334940
Ion Ratio Lower Upper
149 100
177 26.0 21.0 31.4
150 13.0 9.9 14.9

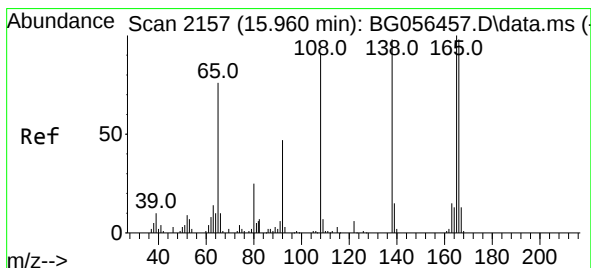
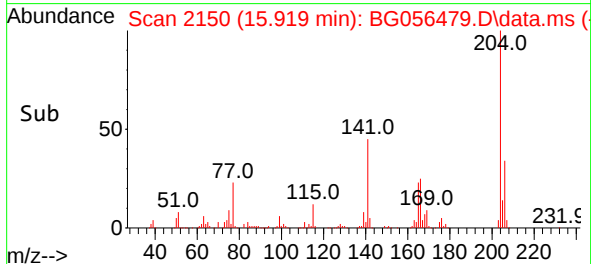
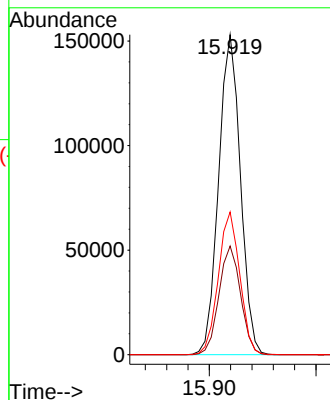
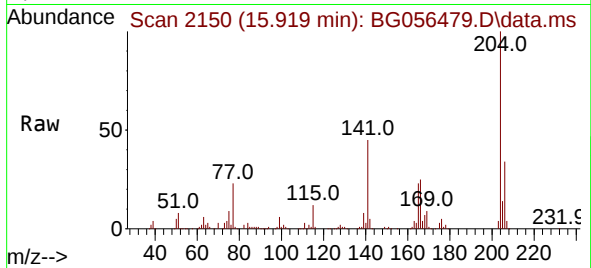




#61
4-Chlorophenyl-phenylether
Concen: 39.838 ng
RT: 15.919 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

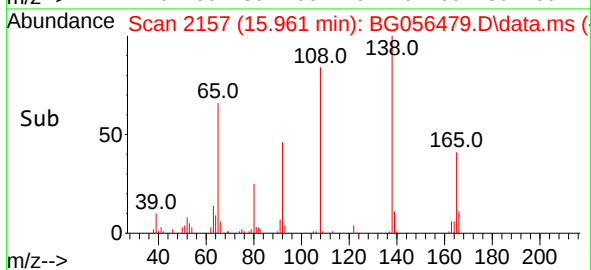
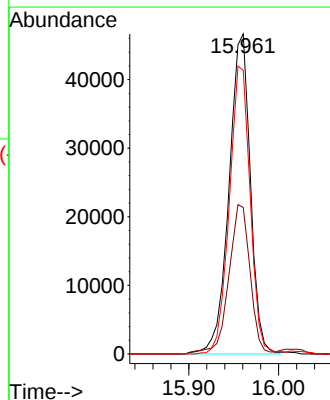
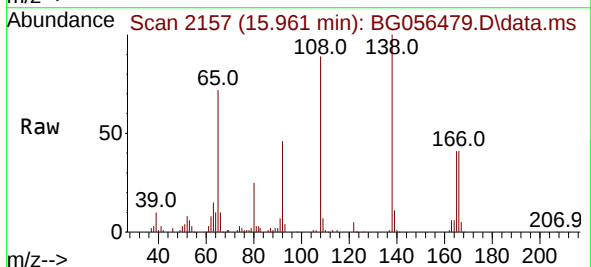
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

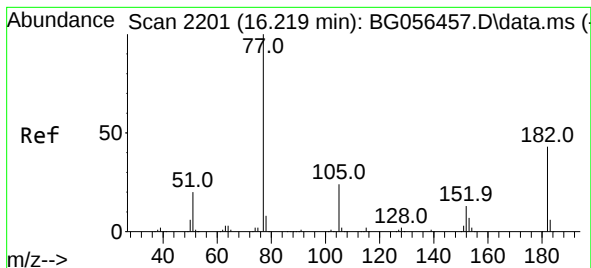
Tgt Ion:204 Resp: 216815
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.4
141 44.6 32.7 49.1



#62
4-Nitroaniline
Concen: 39.408 ng
RT: 15.961 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:138 Resp: 77068
Ion Ratio Lower Upper
138 100
92 45.8 27.8 67.8
108 88.6 72.6 112.6





#63

Azobenzene

Concen: 41.324 ng

RT: 16.213 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 246825

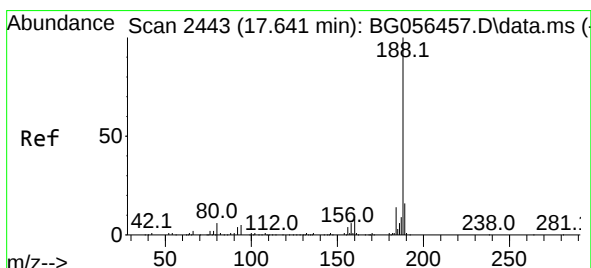
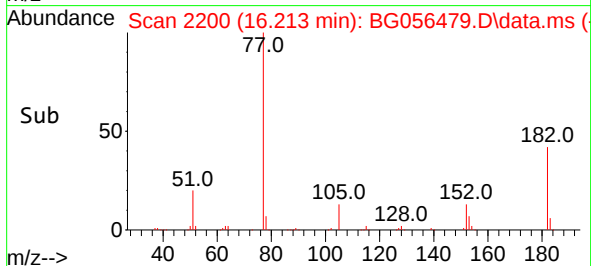
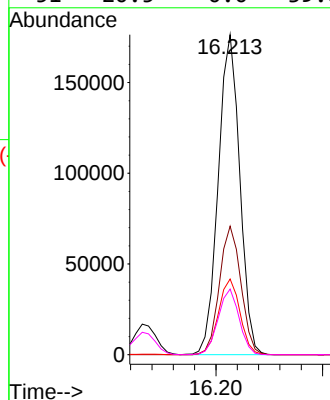
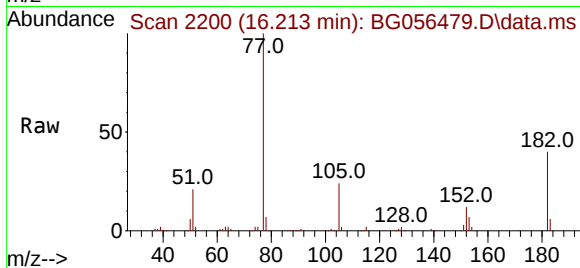
Ion Ratio Lower Upper

77 100

182 40.1 23.1 63.1

105 23.6 4.2 44.2

51 20.5 0.0 39.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.635 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

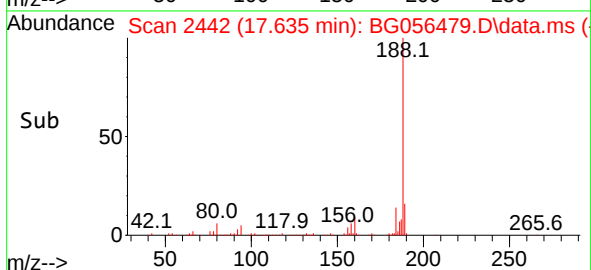
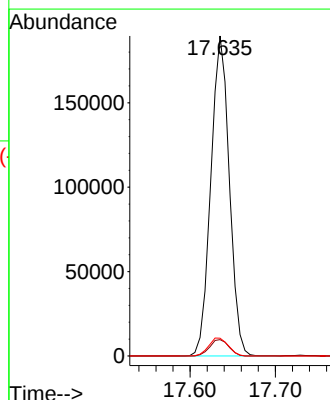
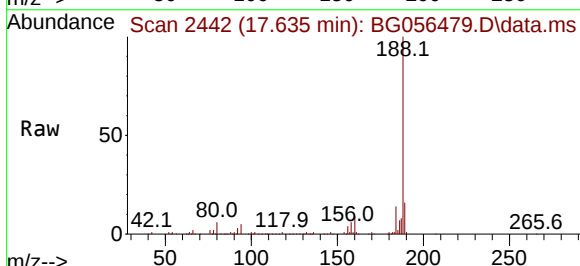
Tgt Ion:188 Resp: 285014

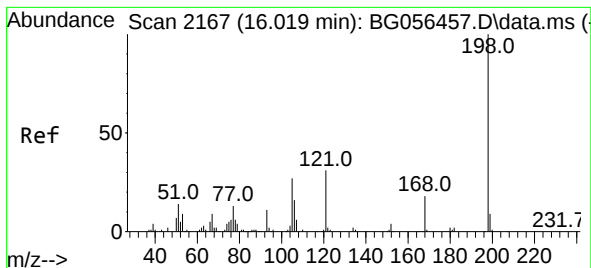
Ion Ratio Lower Upper

188 100

94 5.1 4.1 6.1

80 5.6 5.0 7.4

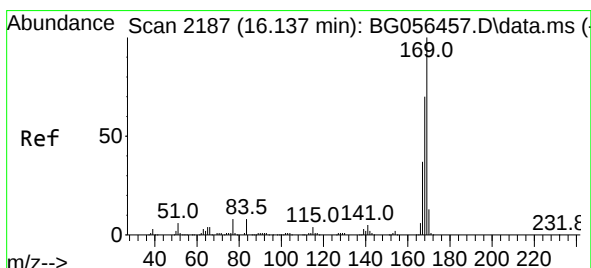
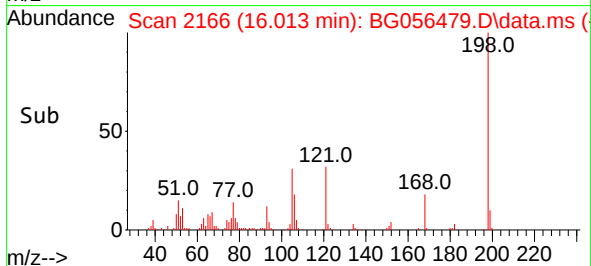
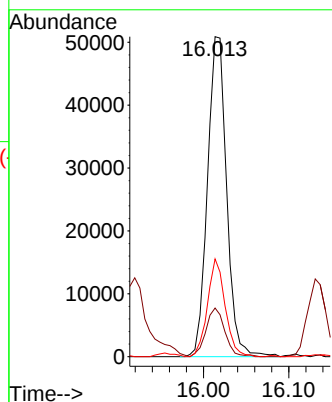
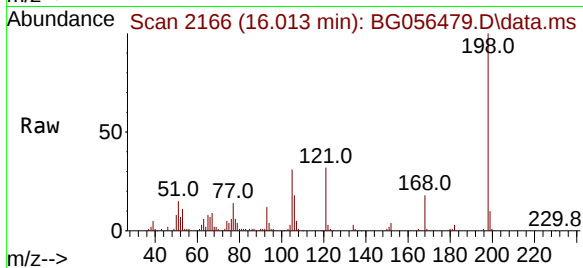




#65
4,6-Dinitro-2-methylphenol
Concen: 39.621 ng
RT: 16.013 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

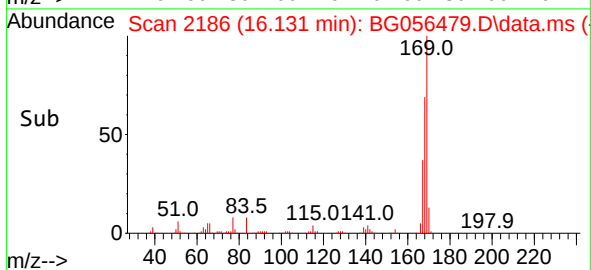
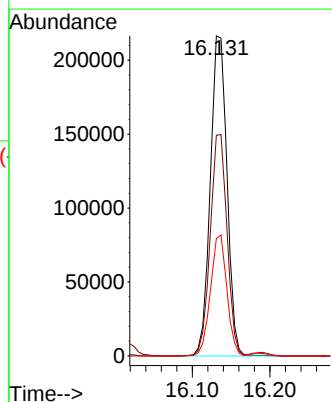
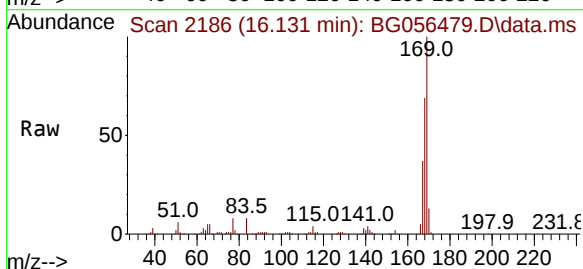
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

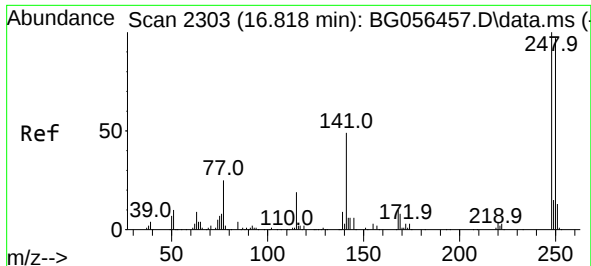
Tgt Ion:198 Resp: 79392
Ion Ratio Lower Upper
198 100
51 15.2 0.0 35.0
105 30.6 7.4 47.4



#66
n-Nitrosodiphenylamine
Concen: 40.066 ng
RT: 16.131 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:169 Resp: 323314
Ion Ratio Lower Upper
169 100
168 69.0 55.8 83.6
167 36.7 29.8 44.8

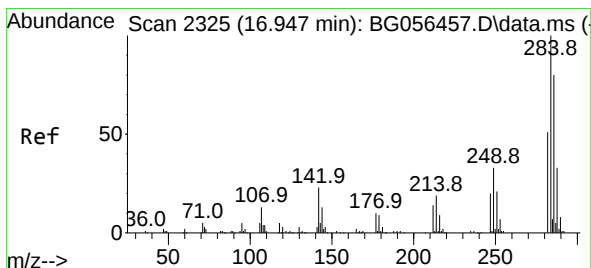
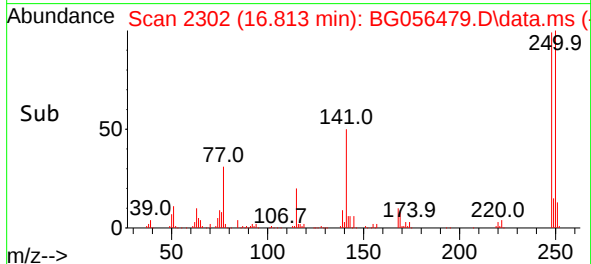
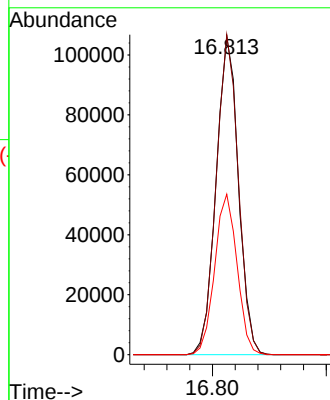
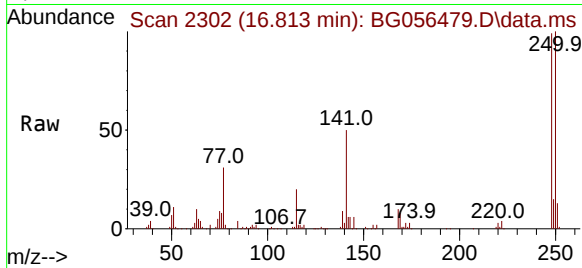




#67
4-Bromophenyl-phenylether
Concen: 39.744 ng
RT: 16.813 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

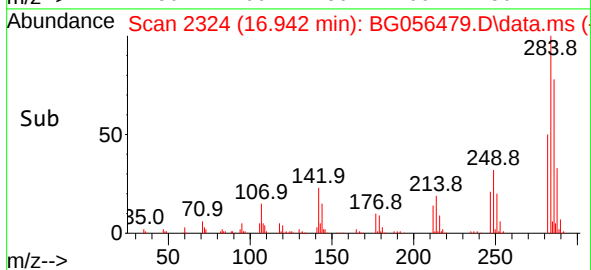
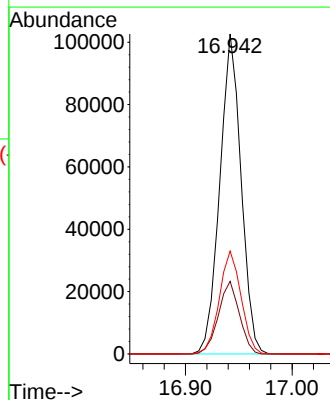
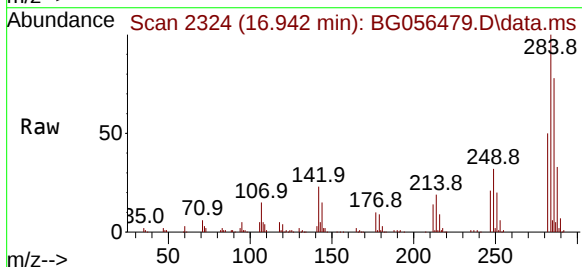
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

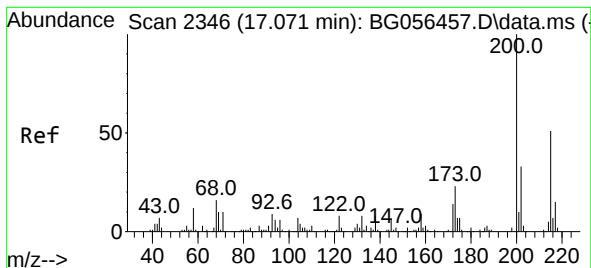
Tgt Ion:248 Resp: 145014
Ion Ratio Lower Upper
248 100
250 100.7 77.6 116.4
141 50.5 39.0 58.4



#68
Hexachlorobenzene
Concen: 39.719 ng
RT: 16.942 min Scan# 2324
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:284 Resp: 141940
Ion Ratio Lower Upper
284 100
142 22.7 18.0 27.0
249 32.2 26.7 40.1





#69

Atrazine

Concen: 40.604 ng

RT: 17.071 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

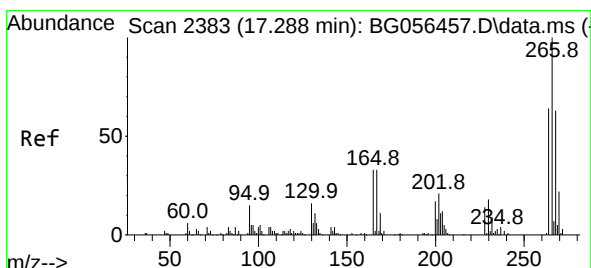
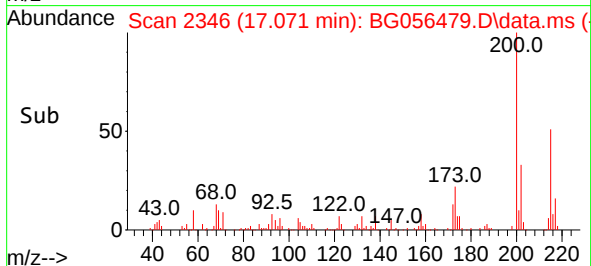
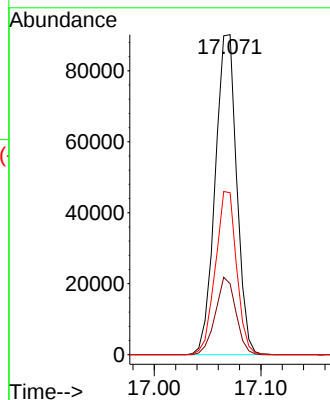
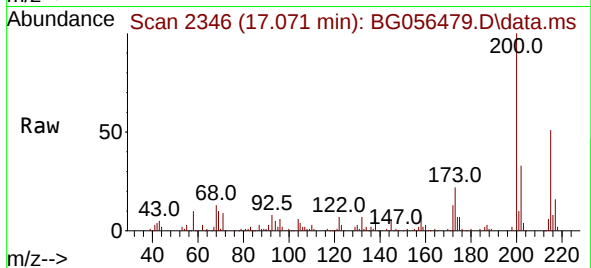
Tgt Ion:200 Resp: 126406

Ion Ratio Lower Upper

200 100

173 22.2 3.2 43.2

215 50.6 30.7 70.7



#70

Pentachlorophenol

Concen: 36.704 ng

RT: 17.283 min Scan# 2382

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

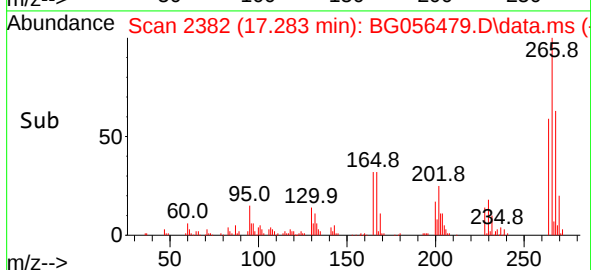
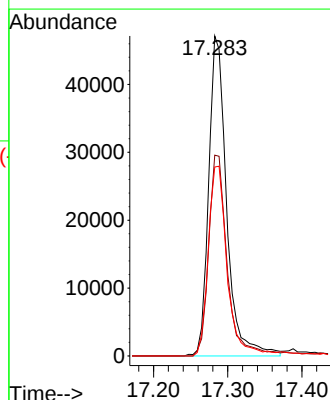
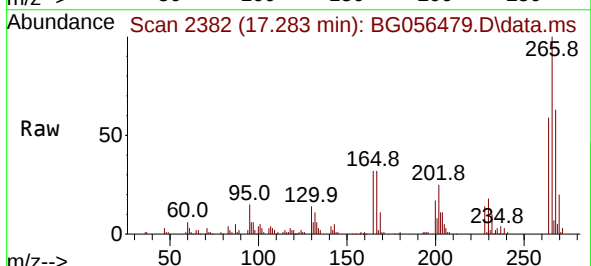
Tgt Ion:266 Resp: 79366

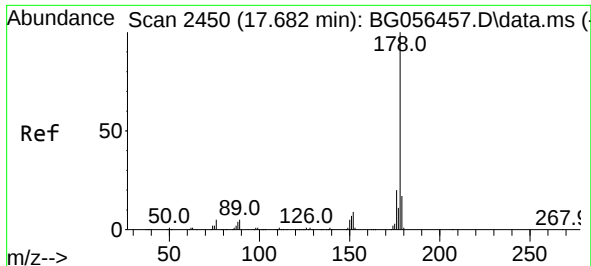
Ion Ratio Lower Upper

266 100

268 62.8 50.2 75.4

264 59.1 51.4 77.0

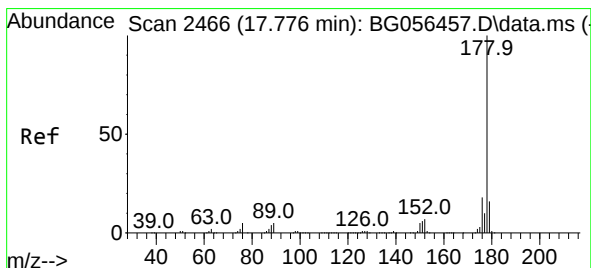
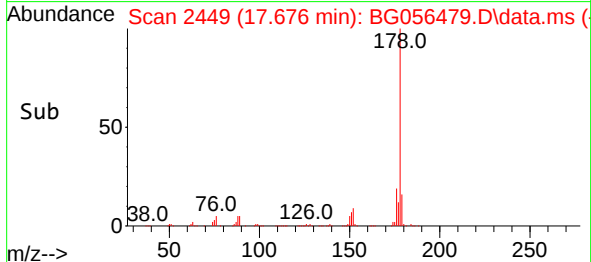
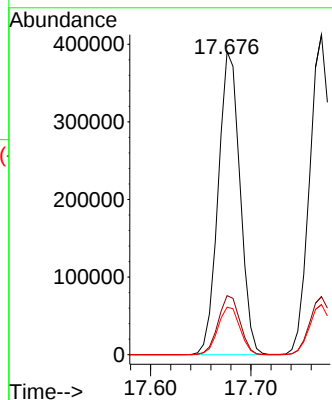
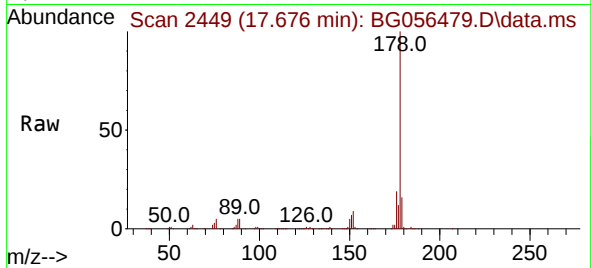




#71
Phenanthrene
Concen: 39.404 ng
RT: 17.676 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

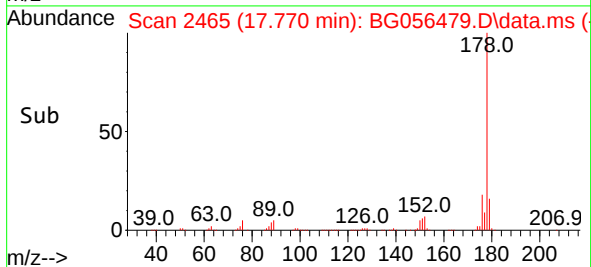
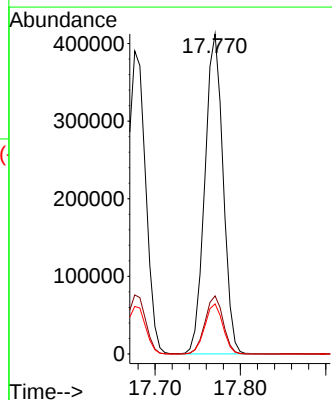
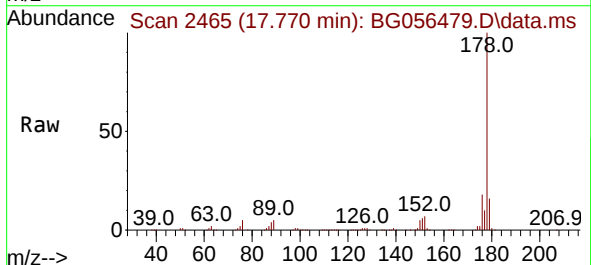
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

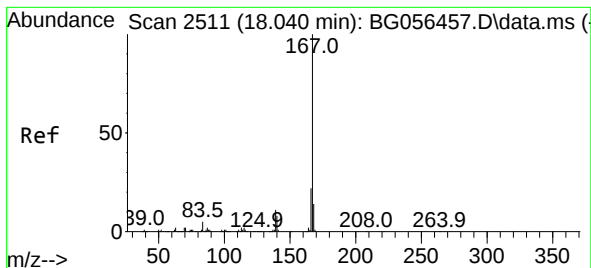
Tgt Ion:178 Resp: 587789
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.7 13.3 19.9



#72
Anthracene
Concen: 39.912 ng
RT: 17.770 min Scan# 2465
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:178 Resp: 611165
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.6 12.5 18.7





#73

Carbazole

Concen: 39.514 ng

RT: 18.035 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

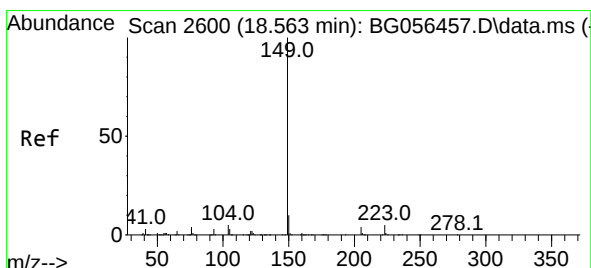
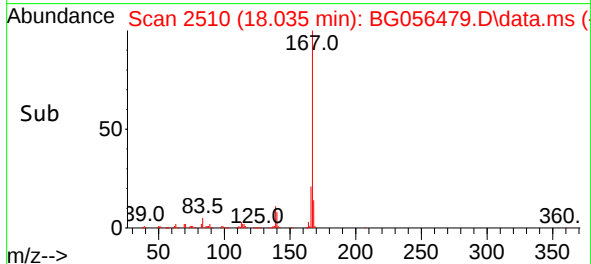
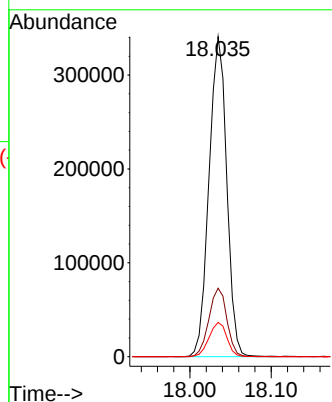
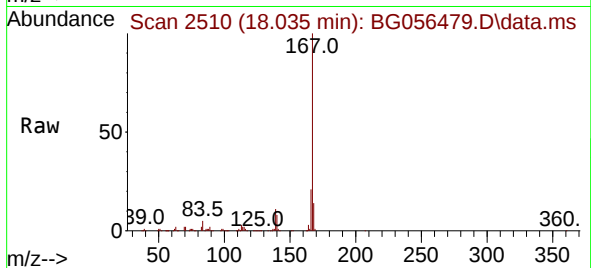
Tgt Ion:167 Resp: 515340

Ion Ratio Lower Upper

167 100

166 21.4 17.8 26.6

139 10.7 8.9 13.3



#74

Di-n-butylphthalate

Concen: 39.084 ng

RT: 18.563 min Scan# 2600

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

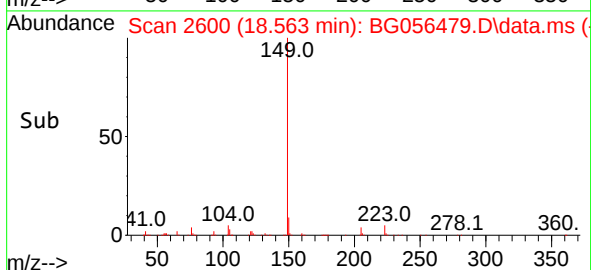
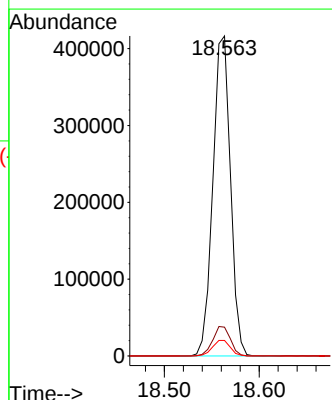
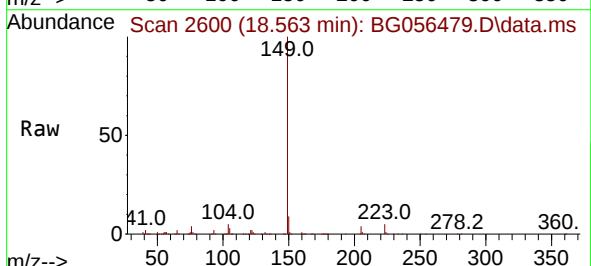
Tgt Ion:149 Resp: 535206

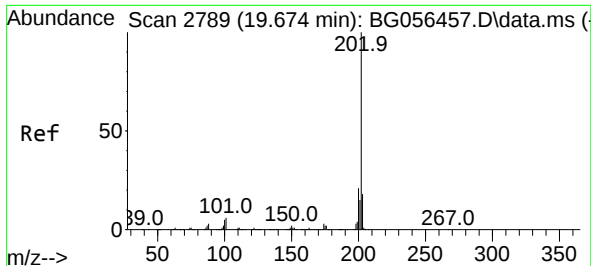
Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

104 4.9 4.0 6.0

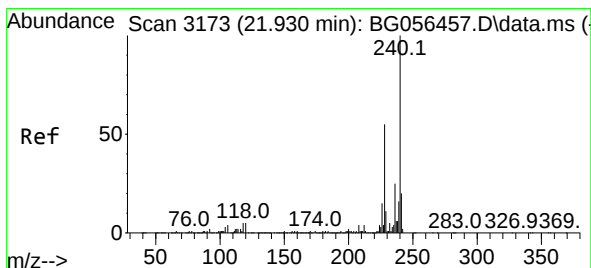
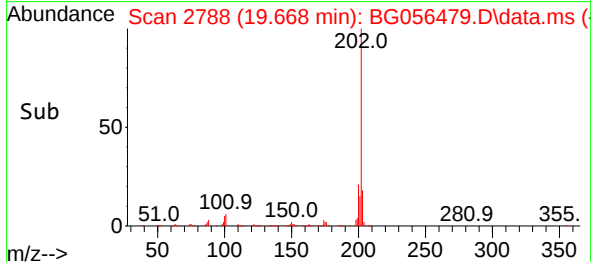
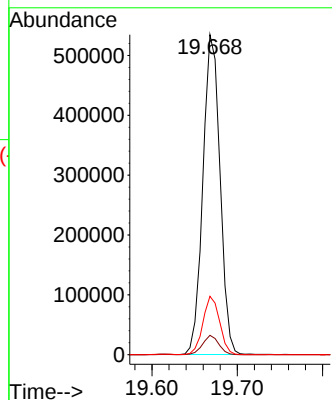
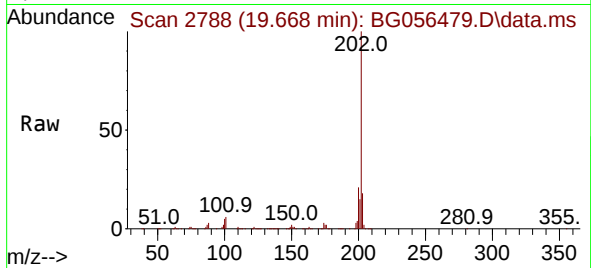




#75
Fluoranthene
Concen: 39.561 ng
RT: 19.668 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

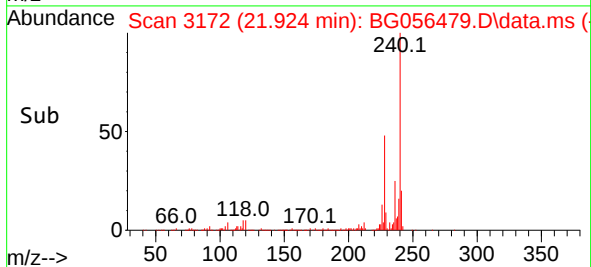
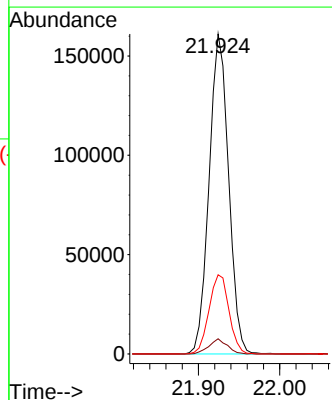
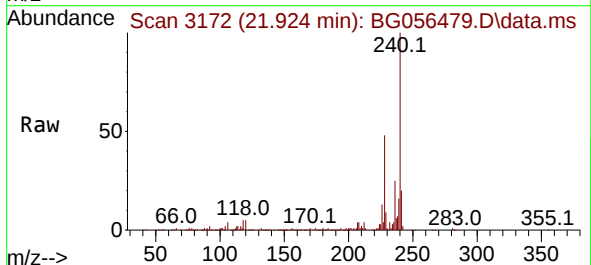
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

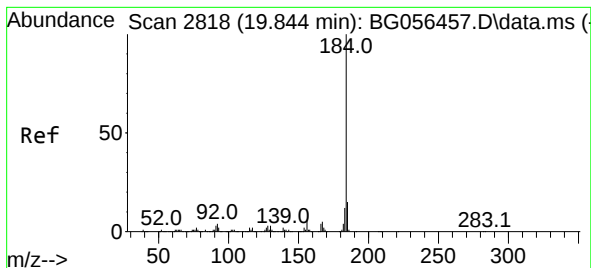
Tgt Ion:202 Resp: 744828
Ion Ratio Lower Upper
202 100
101 6.1 0.0 25.6
203 18.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:240 Resp: 268172
Ion Ratio Lower Upper
240 100
120 4.8 3.8 5.8
236 24.7 20.2 30.2





#77

Benzidine

Concen: 44.721 ng

RT: 19.838 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

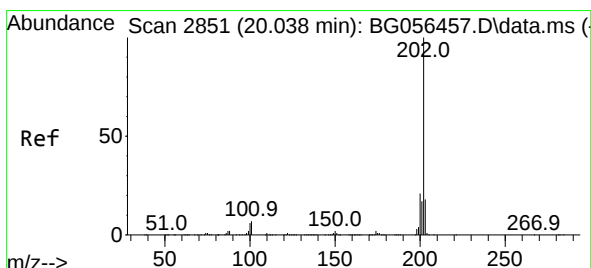
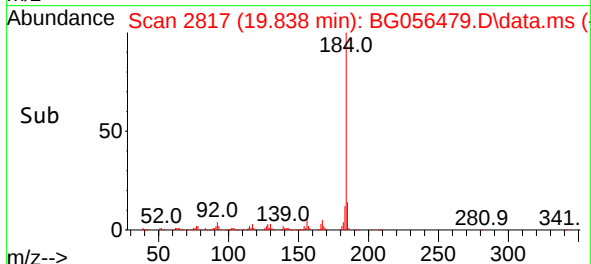
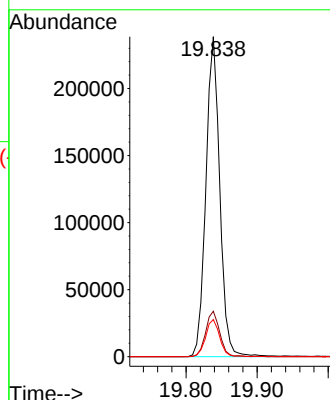
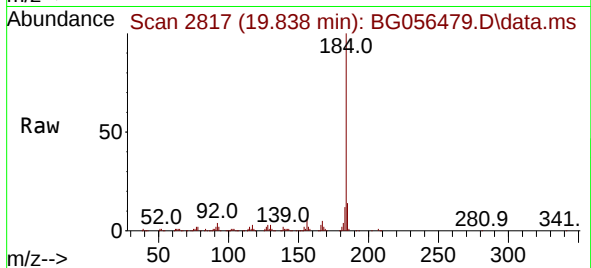
Tgt Ion:184 Resp: 324540

Ion Ratio Lower Upper

184 100

185 14.2 12.3 18.5

183 11.6 9.8 14.8



#78

Pyrene

Concen: 39.313 ng

RT: 20.032 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

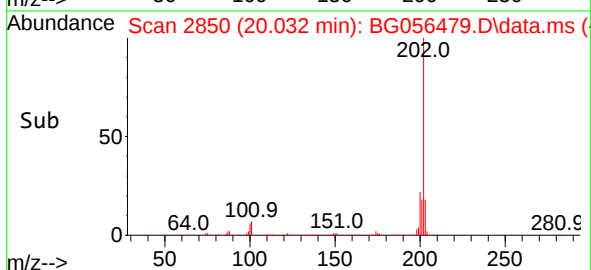
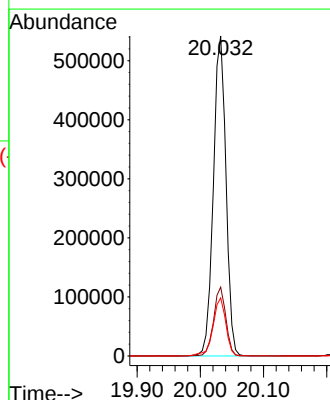
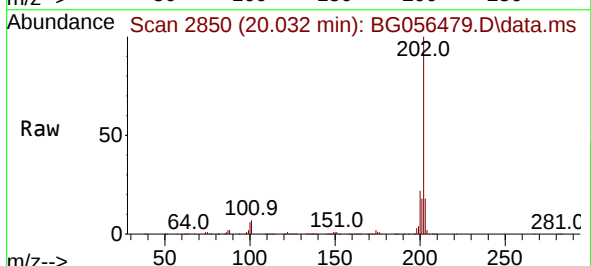
Tgt Ion:202 Resp: 749810

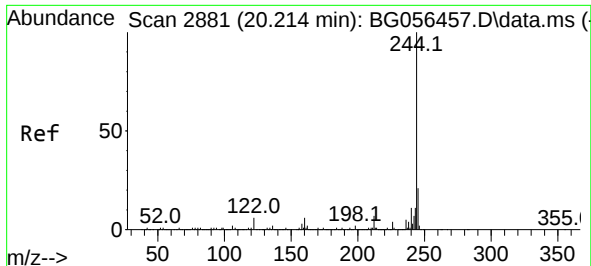
Ion Ratio Lower Upper

202 100

200 21.5 16.7 25.1

203 18.1 14.4 21.6

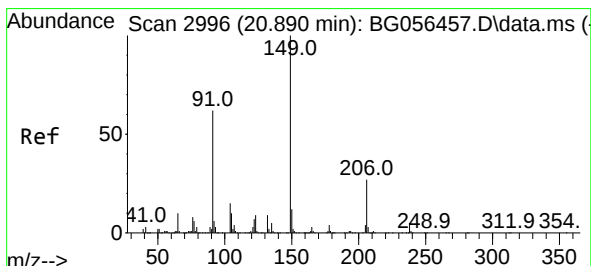
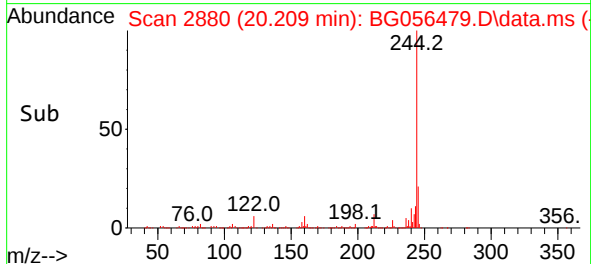
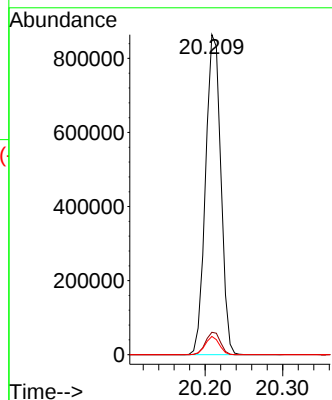
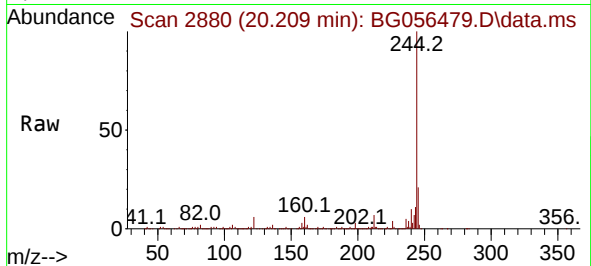




#79
 Terphenyl-d14
 Concen: 77.327 ng
 RT: 20.209 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056479.D
 Acq: 31 Jan 2023 10:02

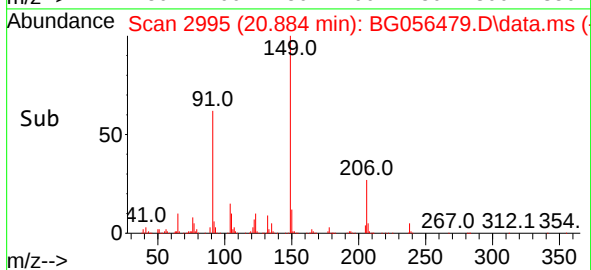
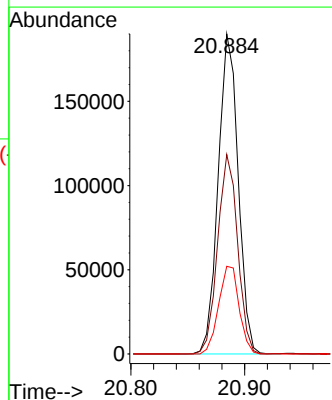
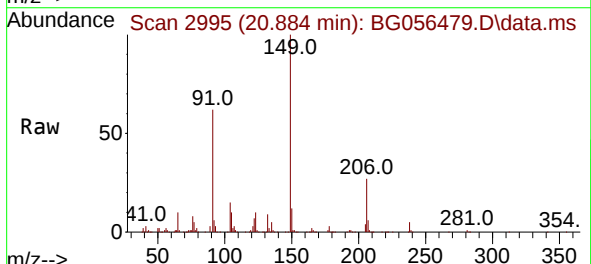
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

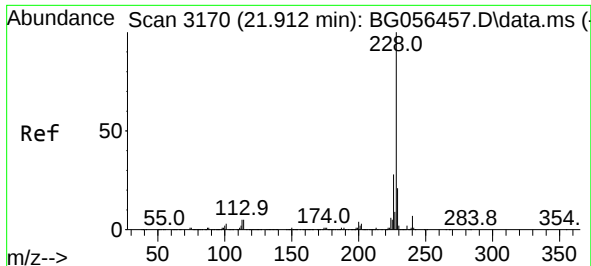
Tgt Ion:244 Resp: 1180676
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 5.7 4.4 6.6



#80
 Butylbenzylphthalate
 Concen: 39.907 ng
 RT: 20.884 min Scan# 2995
 Delta R.T. 0.000 min
 Lab File: BG056479.D
 Acq: 31 Jan 2023 10:02

Tgt Ion:149 Resp: 232454
 Ion Ratio Lower Upper
 149 100
 91 62.3 49.4 74.0
 206 27.4 22.0 33.0

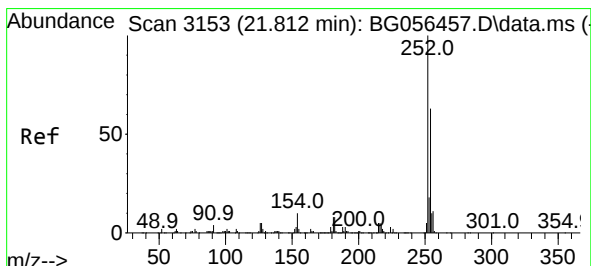
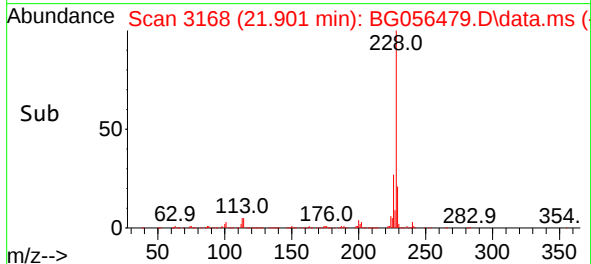
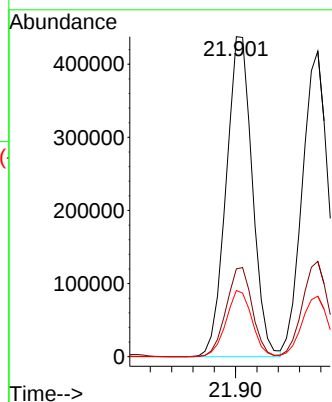
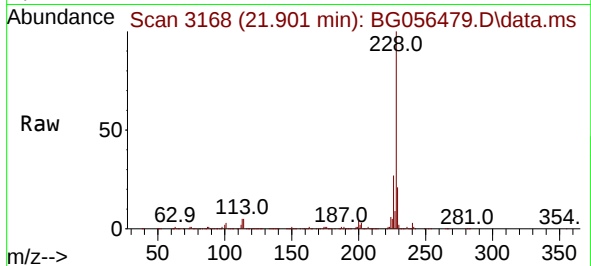




#81
Benzo(a)anthracene
Concen: 39.918 ng
RT: 21.901 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

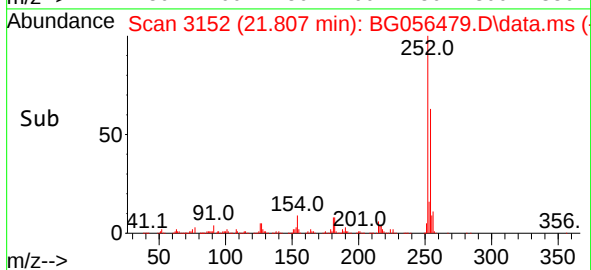
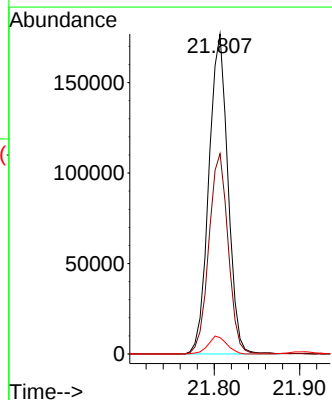
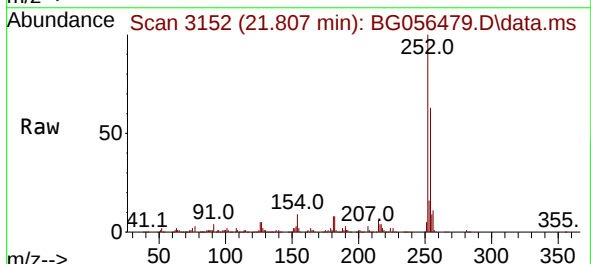
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

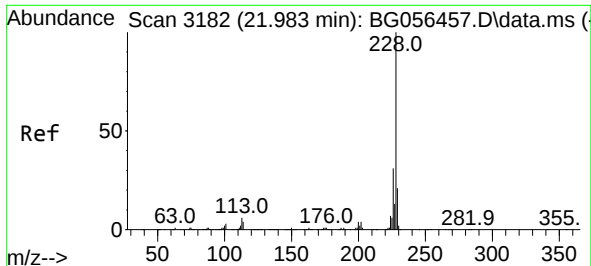
Tgt Ion:228 Resp: 748399
Ion Ratio Lower Upper
228 100
226 27.4 22.4 33.6
229 20.7 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 40.613 ng
RT: 21.807 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:252 Resp: 274197
Ion Ratio Lower Upper
252 100
254 62.6 50.0 75.0
126 5.1 4.3 6.5





#83

Chrysene

Concen: 39.912 ng

RT: 21.977 min Scan# 3181

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

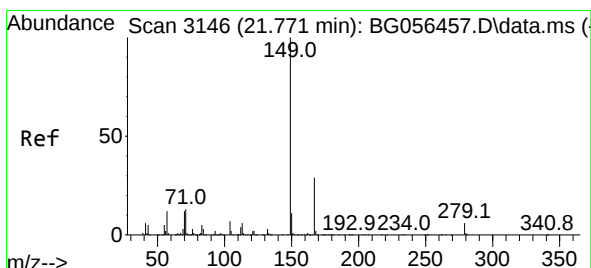
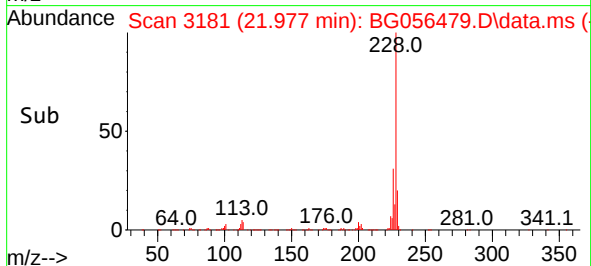
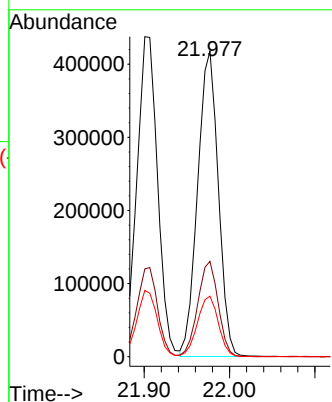
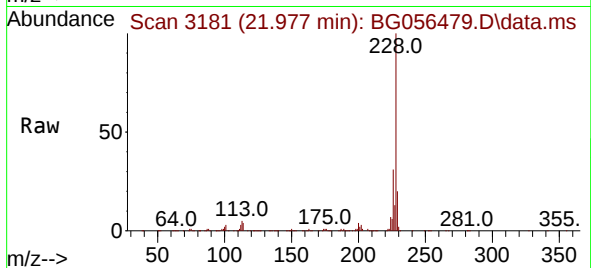
Tgt Ion:228 Resp: 702997

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.4

229 19.8 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.108 ng

RT: 21.766 min Scan# 3145

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

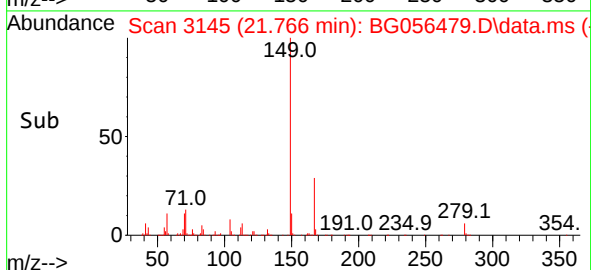
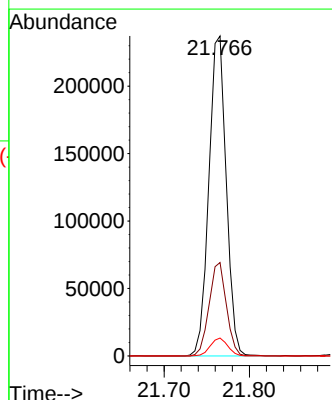
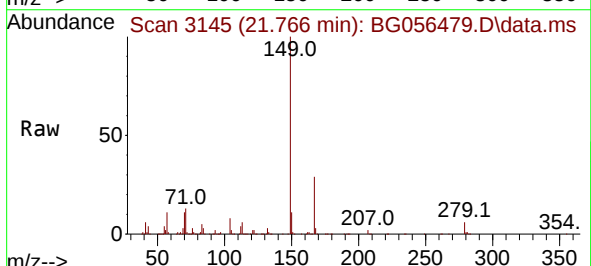
Tgt Ion:149 Resp: 334957

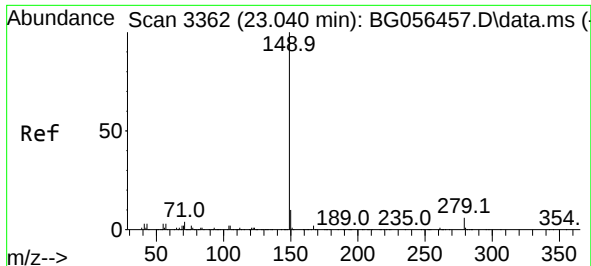
Ion Ratio Lower Upper

149 100

167 29.2 23.4 35.2

279 5.6 4.4 6.6

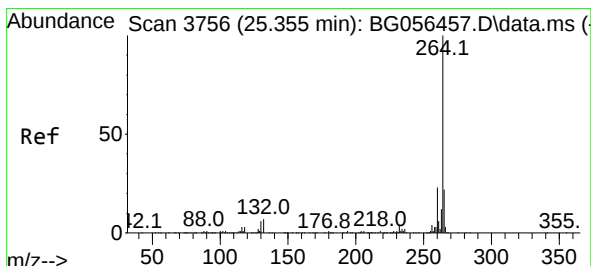
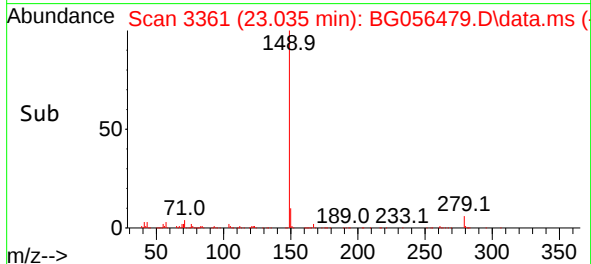
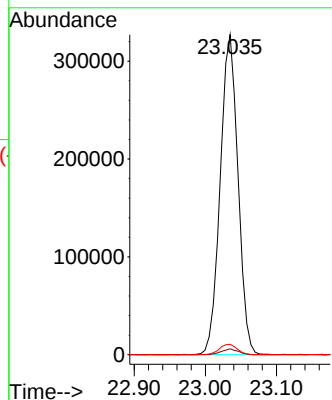
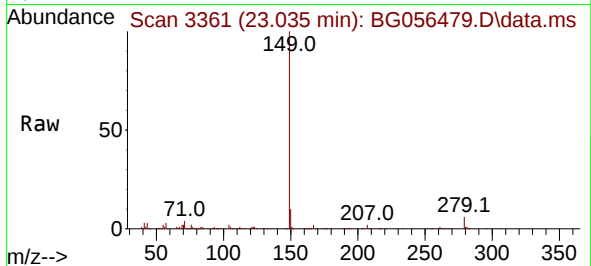




#85
Di-n-octyl phthalate
Concen: 40.683 ng
RT: 23.035 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

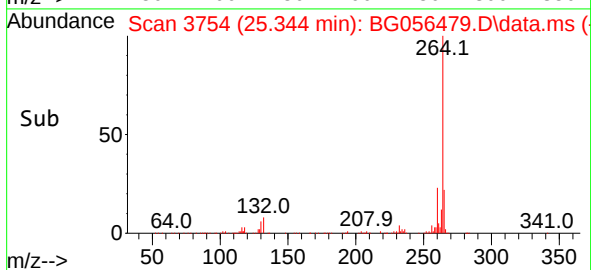
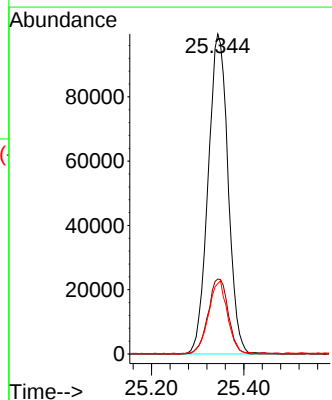
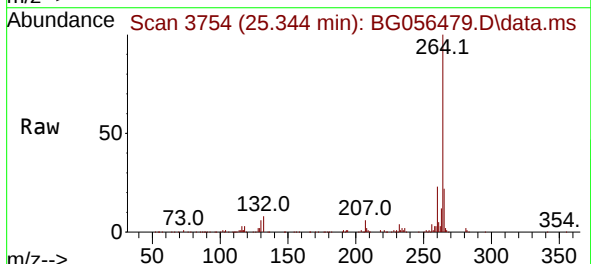
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

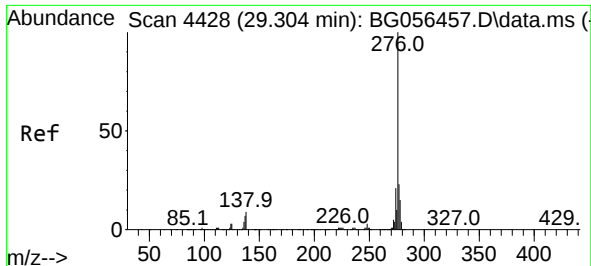
Tgt Ion:149 Resp: 565808
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 3.3 2.7 4.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.344 min Scan# 3754
Delta R.T. 0.000 min
Lab File: BG056479.D
Acq: 31 Jan 2023 10:02

Tgt Ion:264 Resp: 298612
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 22.0 18.1 27.1

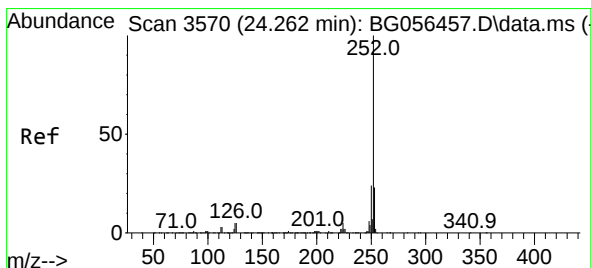
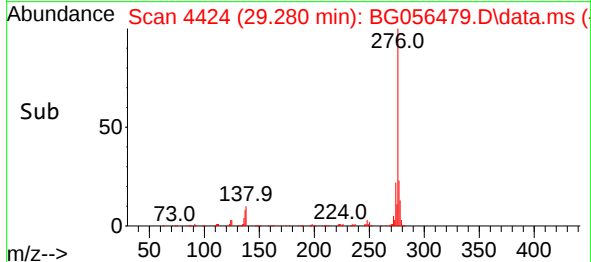
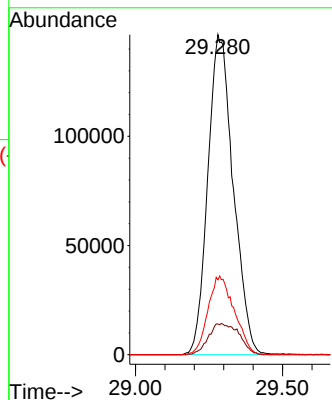
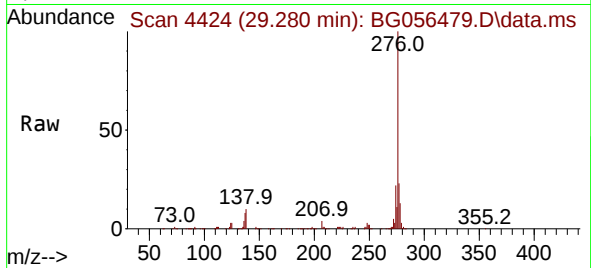




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.245 ng
 RT: 29.280 min Scan# 4428
 Delta R.T. 0.000 min
 Lab File: BG056479.D
 Acq: 31 Jan 2023 10:02

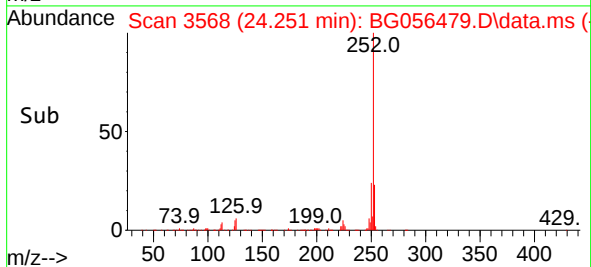
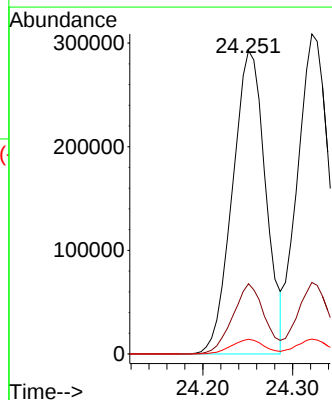
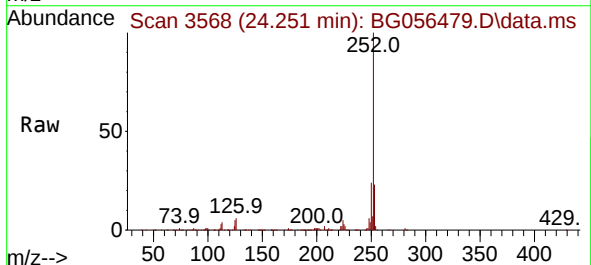
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

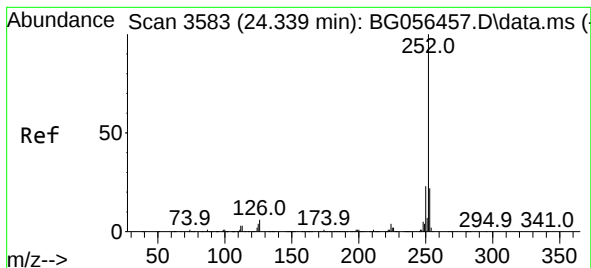
Tgt Ion:276 Resp: 879706
 Ion Ratio Lower Upper
 276 100
 138 4.6 9.4 14.2#
 277 25.4 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 40.469 ng
 RT: 24.251 min Scan# 3568
 Delta R.T. 0.000 min
 Lab File: BG056479.D
 Acq: 31 Jan 2023 10:02

Tgt Ion:252 Resp: 750069
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.1 27.1
 125 4.9 3.9 5.9





#89

Benzo(k)fluoranthene

Concen: 40.326 ng

RT: 24.321 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

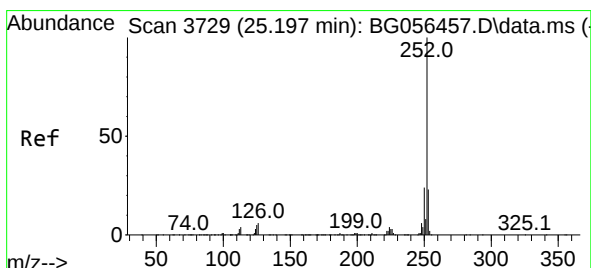
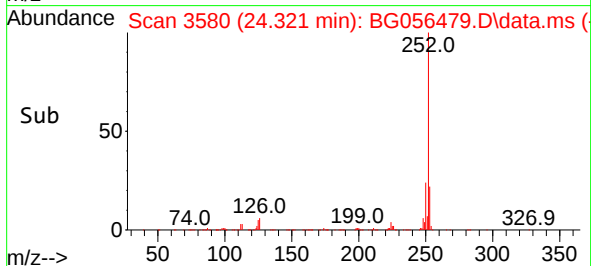
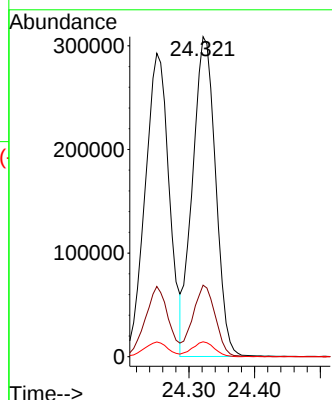
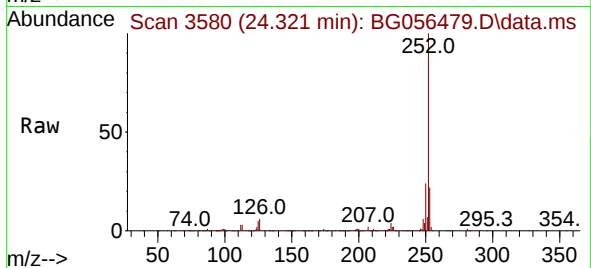
Tgt Ion:252 Resp: 754622

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 4.7 3.4 5.0



#90

Benzo(a)pyrene

Concen: 40.312 ng

RT: 25.185 min Scan# 3727

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

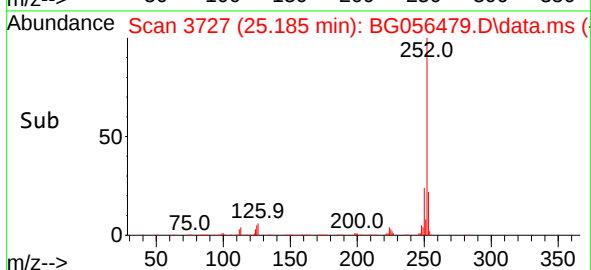
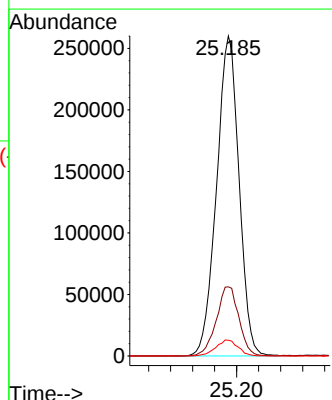
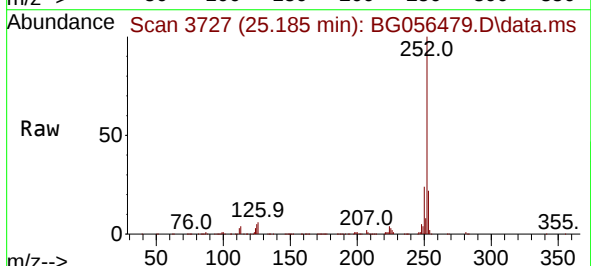
Tgt Ion:252 Resp: 736003

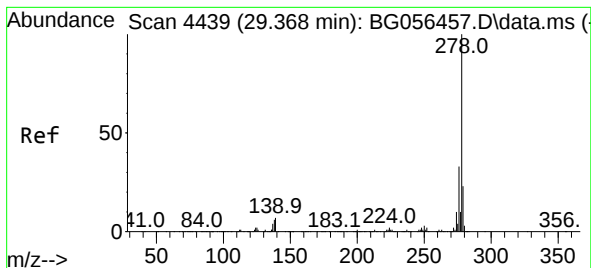
Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

125 4.9 4.1 6.1





#91

Dibenzo(a,h)anthracene

Concen: 40.052 ng

RT: 29.345 min Scan# 4435

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

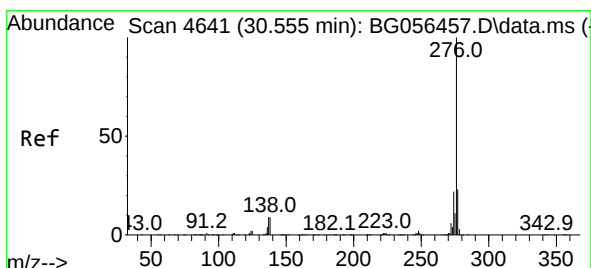
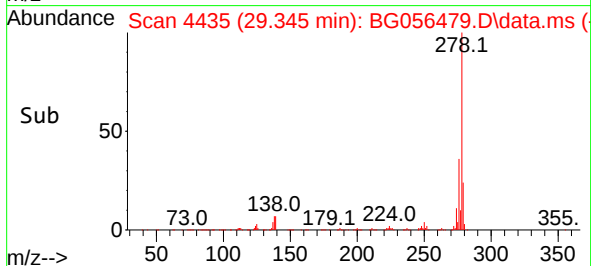
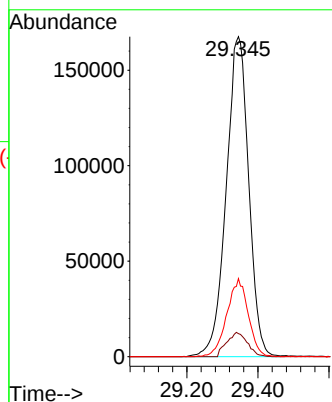
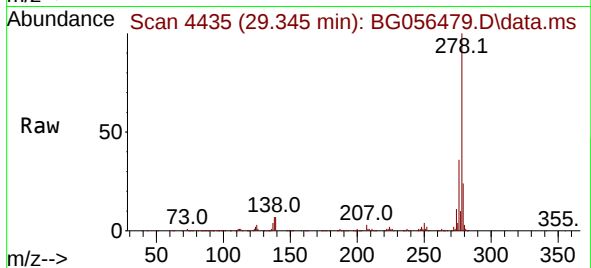
Tgt Ion:278 Resp: 734873

Ion Ratio Lower Upper

278 100

139 7.2 5.5 8.3

279 24.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 40.234 ng

RT: 30.526 min Scan# 4636

Delta R.T. 0.000 min

Lab File: BG056479.D

Acq: 31 Jan 2023 10:02

Tgt Ion:276 Resp: 712308

Ion Ratio Lower Upper

276 100

277 24.6 18.5 27.7

138 9.7 7.4 11.0

