

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012723\
 Data File : BG056464.D
 Acq On : 27 Jan 2023 21:12
 Operator : CG/JU
 Sample : PB150335BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150335BS

Quant Time: Jan 28 01:12:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 00:39:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	38091	20.000	ng	0.00
21) Naphthalene-d8	11.114	136	173529	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	158318	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	402756	20.000	ng	# 0.00
76) Chrysene-d12	21.931	240	403407	20.000	ng	0.00
86) Perylene-d12	25.351	264	377476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	327654	158.238	ng	0.00
7) Phenol-d6	7.431	99	464066	151.260	ng	0.00
23) Nitrobenzene-d5	9.458	82	240686	78.761	ng	0.00
42) 2,4,6-Tribromophenol	16.385	330	265616	126.199	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	861738	75.464	ng	0.00
79) Terphenyl-d14	20.216	244	1763268	76.770	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.594	88	24910	28.891	ng	# 96
3) Pyridine	4.017	79	68543	26.669	ng	98
4) n-Nitrosodimethylamine	3.929	42	21603	39.525	ng	94
6) Aniline	7.595	93	142102	35.376	ng	99
8) 2-Chlorophenol	7.842	128	114004	50.118	ng	99
9) Benzaldehyde	7.407	77	13503	7.369	ng	95
10) Phenol	7.454	94	158956	50.976	ng	98
11) bis(2-Chloroethyl)ether	7.683	93	93350	43.554	ng	96
12) 1,3-Dichlorobenzene	8.165	146	115330	44.036	ng	99
13) 1,4-Dichlorobenzene	8.312	146	119263	44.965	ng	97
14) 1,2-Dichlorobenzene	8.641	146	117864	45.802	ng	95
15) Benzyl Alcohol	8.518	79	104663	49.722	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.805	45	19585	43.126	ng	97
17) 2-Methylphenol	8.723	107	112300	47.339	ng	99
18) Hexachloroethane	9.375	117	34893	43.496	ng	95
19) n-Nitroso-di-n-propyla...	9.087	70	78566	44.437	ng	97
20) 3+4-Methylphenols	9.052	107	156577	47.098	ng	98
22) Acetophenone	9.111	105	182506	39.583	ng	# 98
24) Nitrobenzene	9.499	77	116362	39.476	ng	98
25) Isophorone	10.022	82	245169	38.889	ng	99
26) 2-Nitrophenol	10.216	139	74113	41.440	ng	97
27) 2,4-Dimethylphenol	10.263	122	121803	40.695	ng	95
28) bis(2-Chloroethoxy)met...	10.492	93	137378	39.445	ng	96
29) 2,4-Dichlorophenol	10.756	162	150839	44.772	ng	99
30) 1,2,4-Trichlorobenzene	10.973	180	149764	40.003	ng	99
31) Naphthalene	11.161	128	360282	39.337	ng	98
32) Benzoic acid	10.427	122	72345	43.203	ng	94
33) 4-Chloroaniline	11.267	127	139533	32.637	ng	97
34) Hexachlorobutadiene	11.438	225	106971	40.705	ng	99
35) Caprolactam	12.049	113	25129	22.116	ng	94
36) 4-Chloro-3-methylphenol	12.372	107	146064	44.893	ng	97
37) 2-Methylnaphthalene	12.748	142	295906	39.189	ng	98
38) 1-Methylnaphthalene	12.965	142	281311	39.891	ng	97
40) 1,2,4,5-Tetrachloroben...	13.112	216	218469	37.772	ng	99
41) Hexachlorocyclopentadiene	13.083	237	224203	73.672	ng	97
43) 2,4,6-Trichlorophenol	13.347	196	151991	40.778	ng	98

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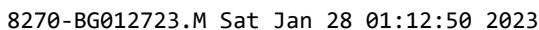
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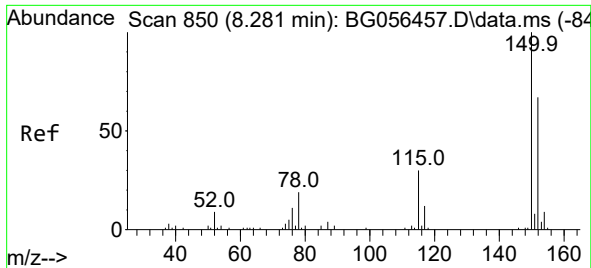
Quant Time: Jan 28 01:12:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 00:39:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.424	196	165198	37.855	ng	97
46) 1,1'-Biphenyl	13.735	154	442346	38.521	ng	100
47) 2-Chloronaphthalene	13.788	162	346996	38.660	ng	99
48) 2-Nitroaniline	13.982	65	71796	38.694	ng	91
49) Acenaphthylene	14.628	152	544820	37.308	ng	98
50) Dimethylphthalate	14.346	163	490057	38.261	ng	100
51) 2,6-Dinitrotoluene	14.469	165	108774	38.942	ng	98
52) Acenaphthene	14.963	154	327827	37.856	ng	100
53) 3-Nitroaniline	14.804	138	85563	31.597	ng	98
54) 2,4-Dinitrophenol	15.016	184	158752	90.658	ng	95
55) Dibenzofuran	15.298	168	588578	37.898	ng	99
56) 4-Nitrophenol	15.110	139	157387	85.059	ng	99
57) 2,4-Dinitrotoluene	15.257	165	155473	39.516	ng	100
58) Fluorene	15.944	166	479978	38.840	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.521	232	156155	40.245	ng	98
60) Diethylphthalate	15.691	149	457819	38.065	ng	99
61) 4-Chlorophenyl-phenyle...	15.921	204	292261	38.758	ng	97
62) 4-Nitroaniline	15.968	138	99965	36.893	ng	97
63) Azobenzene	16.214	77	316837	38.285	ng	98
65) 4,6-Dinitro-2-methylph...	16.020	198	109401	38.636	ng	99
66) n-Nitrosodiphenylamine	16.138	169	442779	38.829	ng	99
67) 4-Bromophenyl-phenylether	16.814	248	204444	39.652	ng	97
68) Hexachlorobenzene	16.949	284	207522	41.094	ng	99
69) Atrazine	17.072	200	180156	40.952	ng	99
70) Pentachlorophenol	17.290	266	231016	75.604	ng	99
71) Phenanthrene	17.683	178	828397	39.299	ng	99
72) Anthracene	17.771	178	824458	38.101	ng	98
73) Carbazole	18.036	167	731286	39.680	ng	99
74) Di-n-butylphthalate	18.565	149	749274	38.720	ng	99
75) Fluoranthene	19.675	202	1043653	39.228	ng	99
77) Benzidine	19.840	184	353308	32.364	ng	98
78) Pyrene	20.033	202	1051826	36.660	ng	99
80) Butylbenzylphthalate	20.891	149	321900	36.737	ng	98
81) Benzo(a)anthracene	21.908	228	1060770	37.612	ng	100
82) 3,3'-Dichlorobenzidine	21.808	252	381798	37.593	ng	100
83) Chrysene	21.978	228	989028	37.327	ng	100
84) Bis(2-ethylhexyl)phtha...	21.767	149	463149	36.867	ng	99
85) Di-n-octyl phthalate	23.042	149	768223	36.719	ng	100
87) Indeno(1,2,3-cd)pyrene	29.311	276	1201910	43.497	ng	99
88) Benzo(b)fluoranthene	24.264	252	1135789	48.477	ng	99
89) Benzo(k)fluoranthene	24.334	252	1062461	44.914	ng	99
90) Benzo(a)pyrene	25.198	252	974695	42.232	ng	98
91) Dibenzo(a,h)anthracene	29.364	278	1065815	45.952	ng	98
92) Benzo(g,h,i)perylene	30.551	276	1032562	46.138	ng	99

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

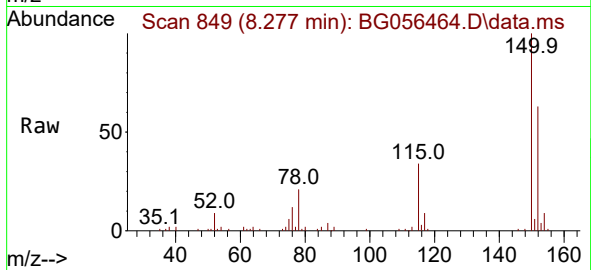
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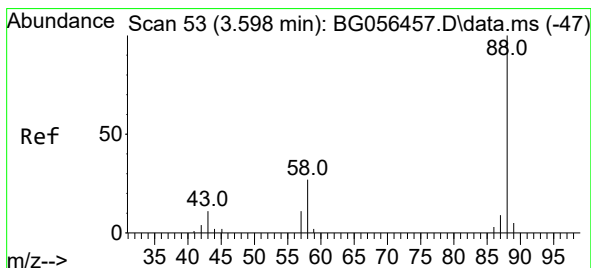
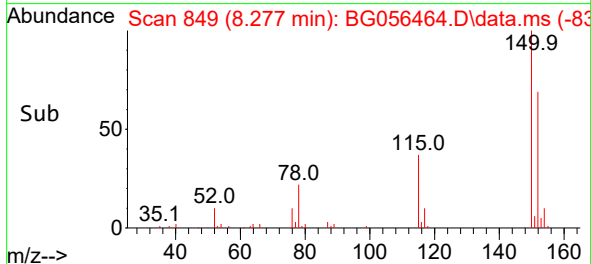
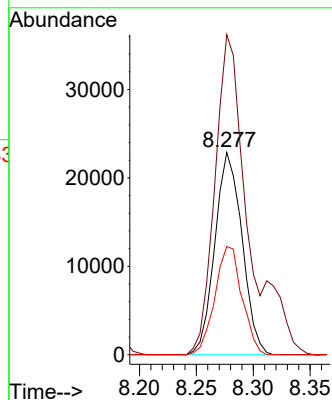


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.277 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG056464.D
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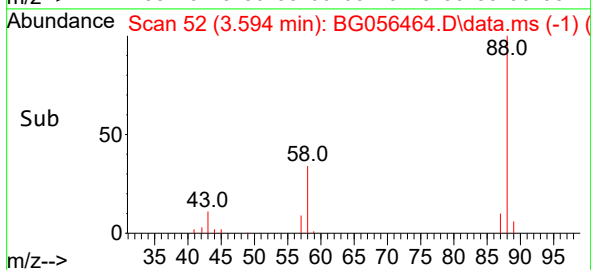
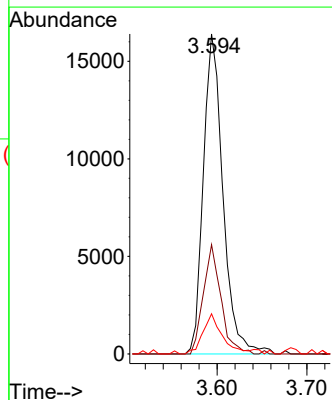
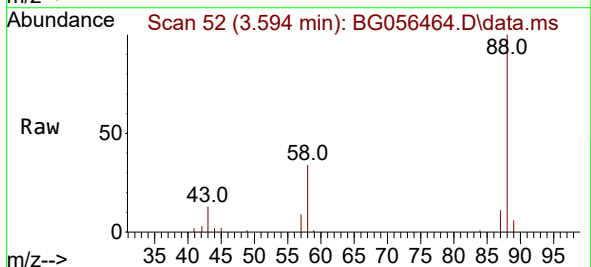


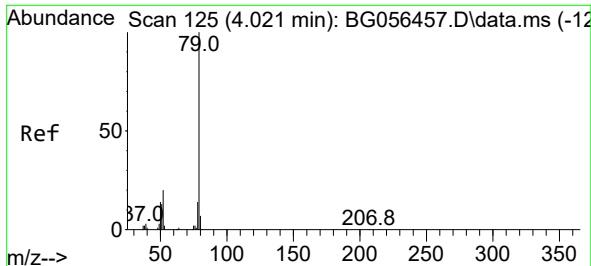
Tgt Ion:152 Resp: 38091
Ion Ratio Lower Upper
152 100
150 158.2 120.2 180.4
115 53.5 36.3 54.5



#2
1,4-Dioxane
Concen: 28.891 ng
RT: 3.594 min Scan# 52
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion: 88 Resp: 24910
Ion Ratio Lower Upper
88 100
58 30.6 23.0 34.4
43 12.3 8.0 12.0#

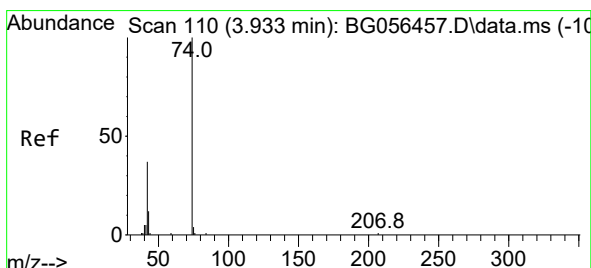
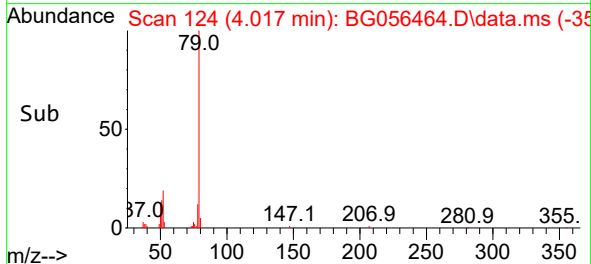
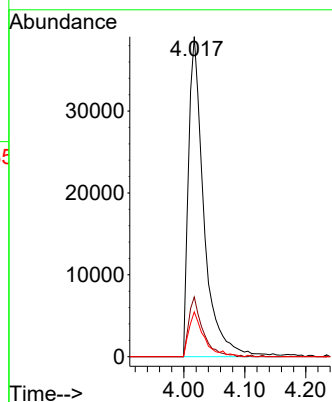
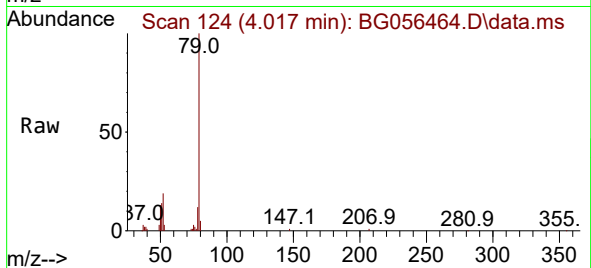




#3
 Pyridine
 Concen: 26.669 ng
 RT: 4.017 min Scan# 110
 Delta R.T. -0.005 min
 Lab File: BG056464.D
 Acq: 27 Jan 2023 21:12

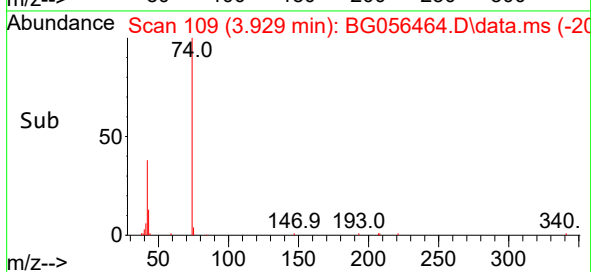
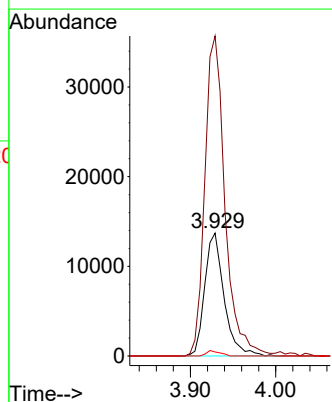
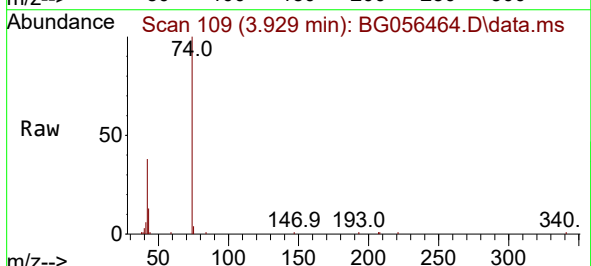
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 ClientSampleId :
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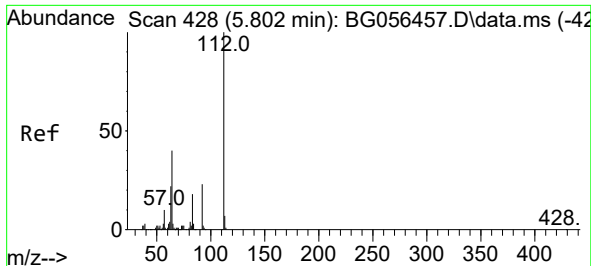
Tgt Ion: 79 Resp: 68543
 Ion Ratio Lower Upper
 79 100
 52 18.7 16.1 24.1
 51 14.0 10.7 16.1



#4
 n-Nitrosodimethylamine
 Concen: 39.525 ng
 RT: 3.929 min Scan# 109
 Delta R.T. -0.005 min
 Lab File: BG056464.D
 Acq: 27 Jan 2023 21:12

Tgt Ion: 42 Resp: 21603
 Ion Ratio Lower Upper
 42 100
 74 260.4 217.9 326.9
 44 3.2 3.0 4.6

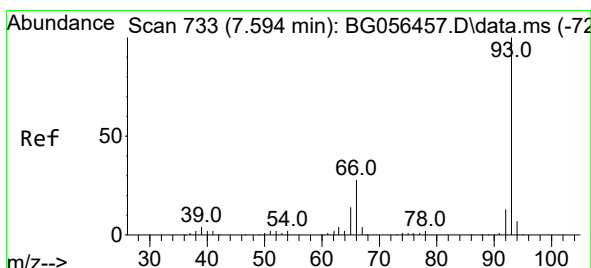
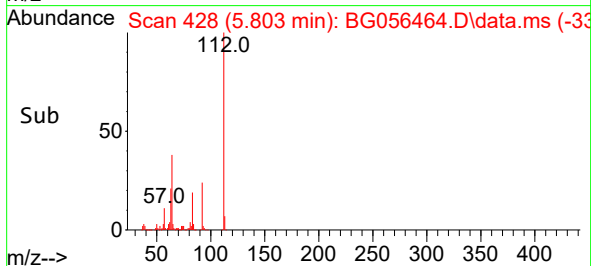
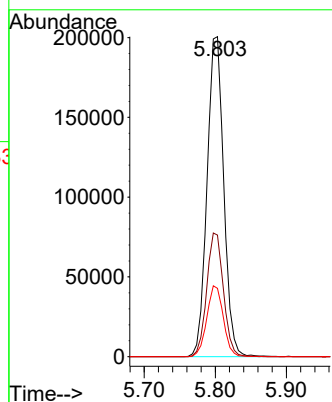
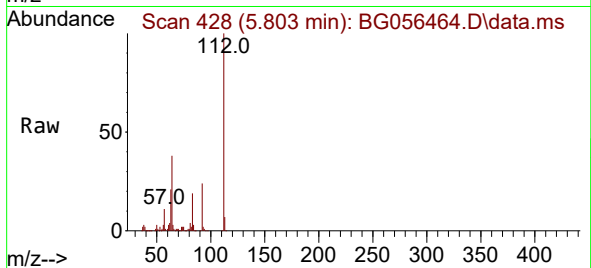




#5
2-Fluorophenol
Concen: 158.238 ng
RT: 5.803 min Scan# 428
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

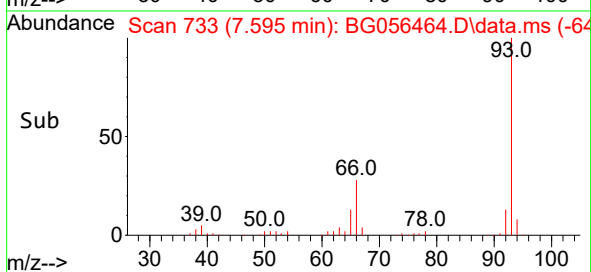
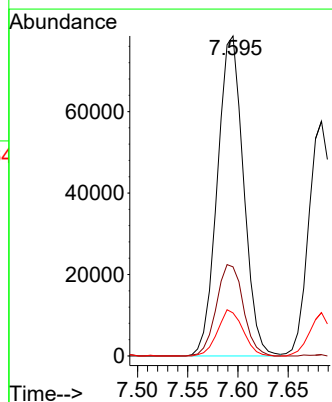
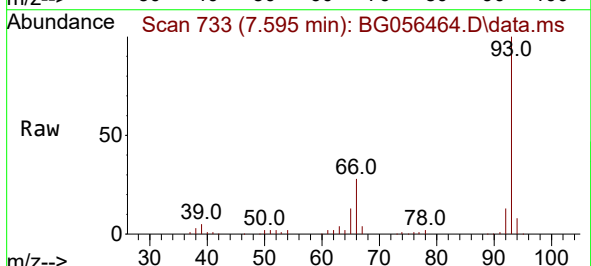
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ClientSampleId :
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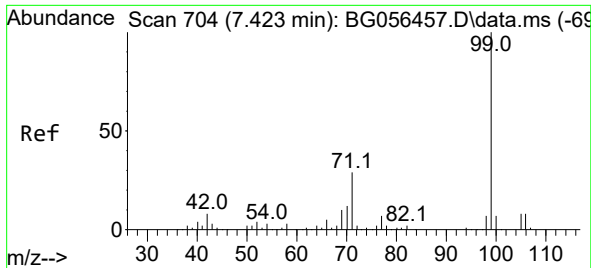
Tgt Ion:112 Resp: 327654
Ion Ratio Lower Upper
112 100
64 38.0 31.9 47.9
63 21.4 17.4 26.0



#6
Aniline
Concen: 35.376 ng
RT: 7.595 min Scan# 733
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion: 93 Resp: 142102
Ion Ratio Lower Upper
93 100
66 27.9 22.2 33.2
65 13.4 11.3 16.9

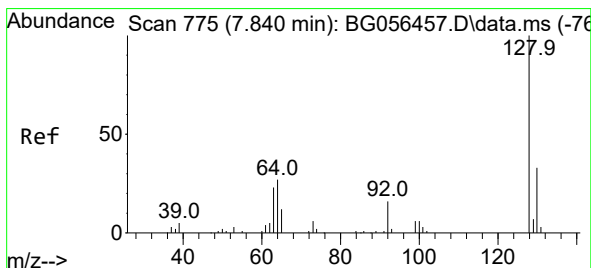
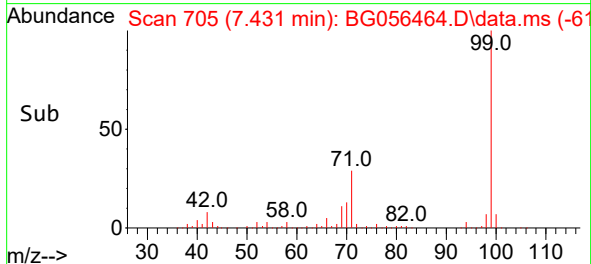
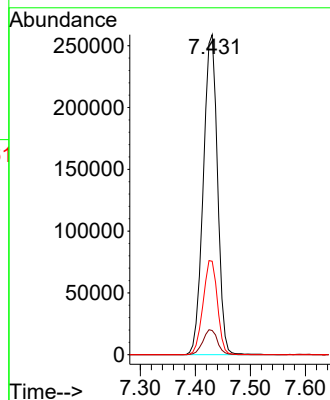
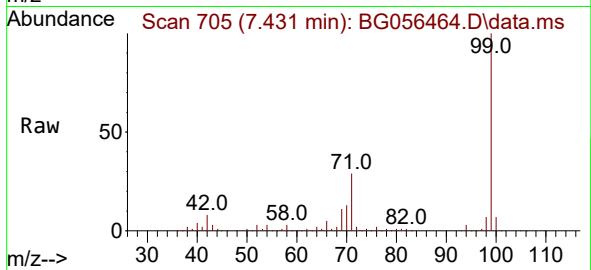




#7
Phenol-d6
Concen: 151.260 ng
RT: 7.431 min Scan# 704
Delta R.T. 0.007 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

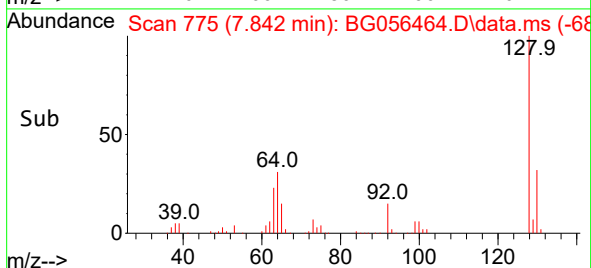
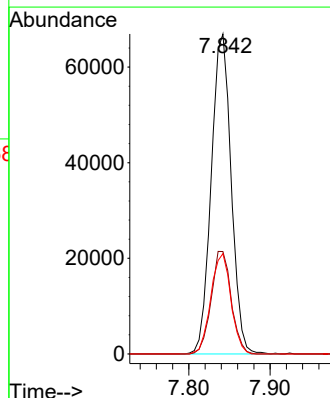
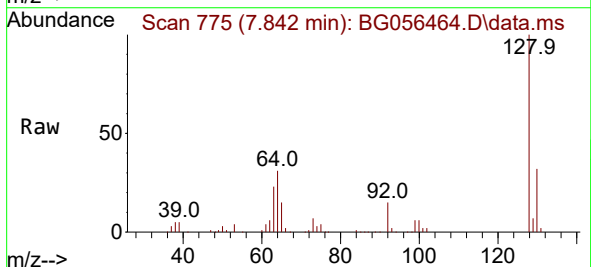
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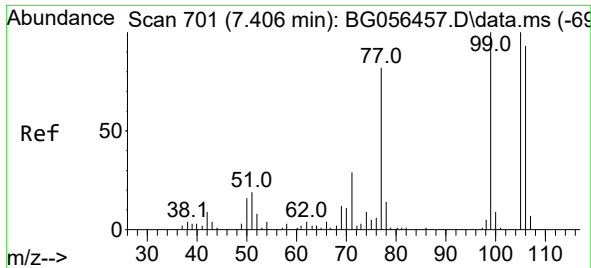
Tgt Ion: 99 Resp: 464066
Ion Ratio Lower Upper
99 100
42 7.6 6.6 10.0
71 29.2 23.4 35.0



#8
2-Chlorophenol
Concen: 50.118 ng
RT: 7.842 min Scan# 775
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:128 Resp: 114004
Ion Ratio Lower Upper
128 100
130 32.0 12.8 52.8
64 31.3 11.3 51.3

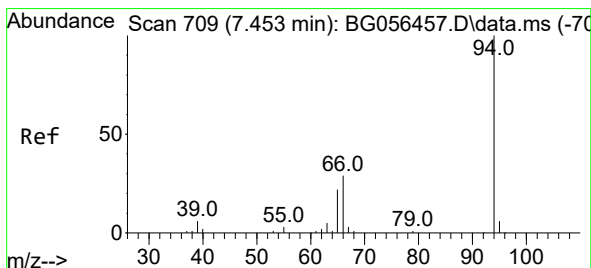
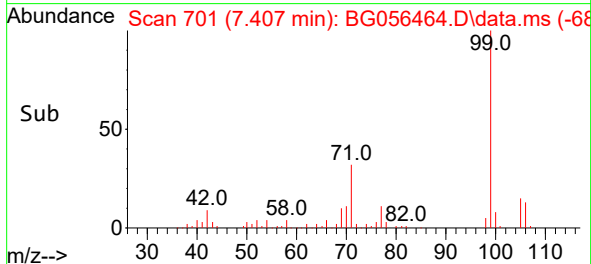
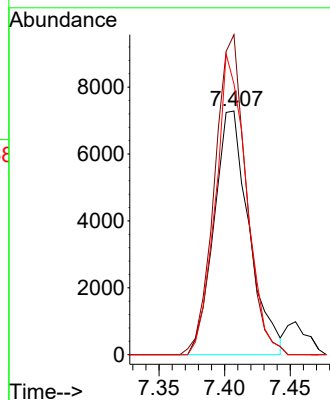
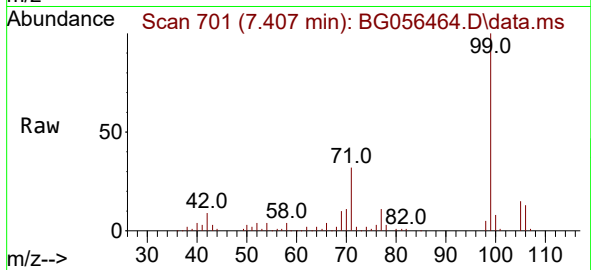




#9
Benzaldehyde
Concen: 7.369 ng
RT: 7.407 min Scan# 701
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

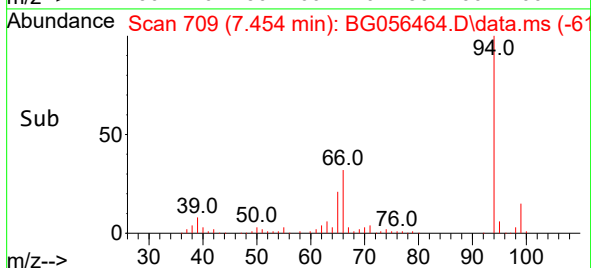
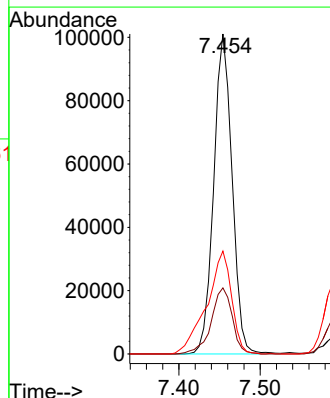
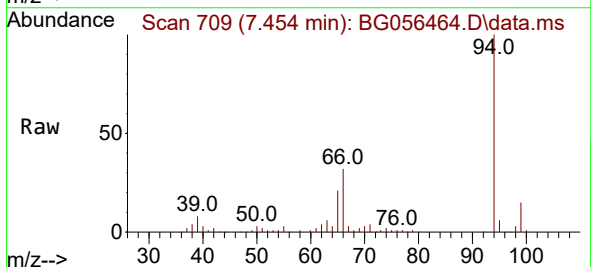
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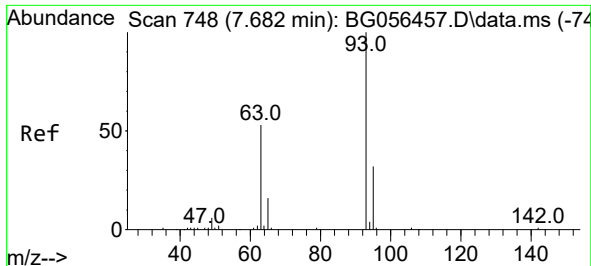
Tgt Ion: 77 Resp: 13503
Ion Ratio Lower Upper
77 100
105 131.3 101.8 141.8
106 111.1 93.0 133.0



#10
Phenol
Concen: 50.976 ng
RT: 7.454 min Scan# 709
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion: 94 Resp: 158956
Ion Ratio Lower Upper
94 100
65 20.7 2.3 42.3
66 32.2 11.2 51.2

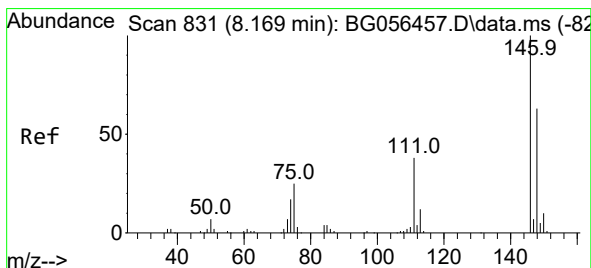
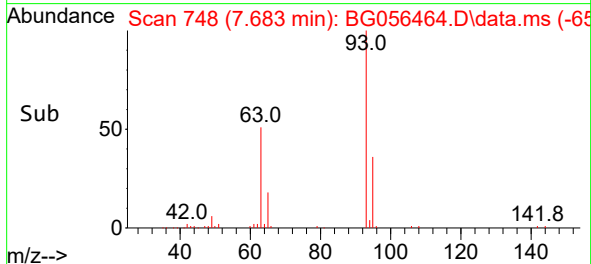
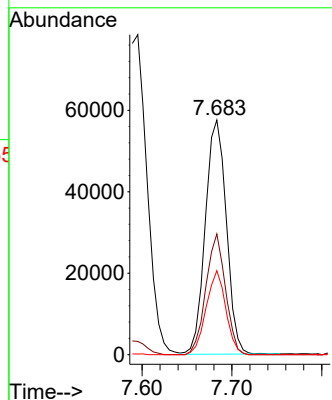
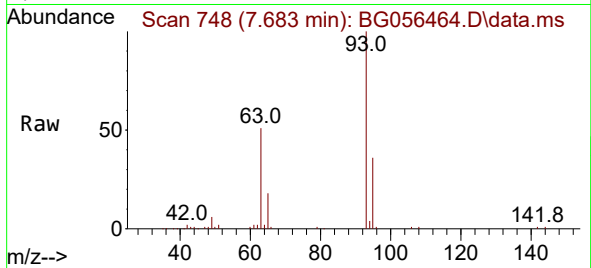




#11
bis(2-Chloroethyl)ether
Concen: 43.554 ng
RT: 7.683 min Scan# 74
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

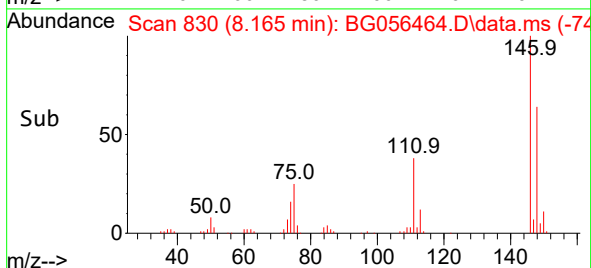
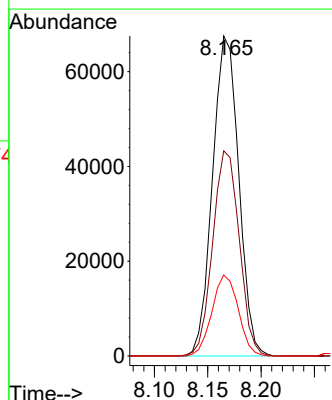
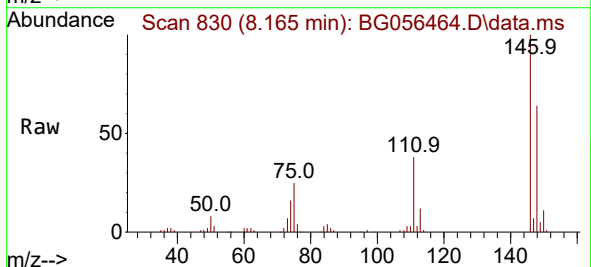
Instrument :
BNA_G
ClientSampleId :
PB150335BS

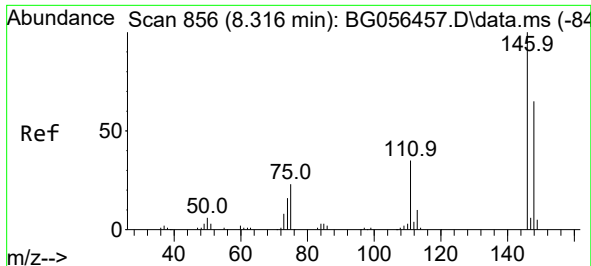
Tgt Ion: 93 Resp: 93350
Ion Ratio Lower Upper
93 100
63 51.4 32.4 72.4
95 35.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 44.036 ng
RT: 8.165 min Scan# 830
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:146 Resp: 115330
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
75 25.3 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 44.965 ng

RT: 8.312 min Scan# 855

Delta R.T. -0.004 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

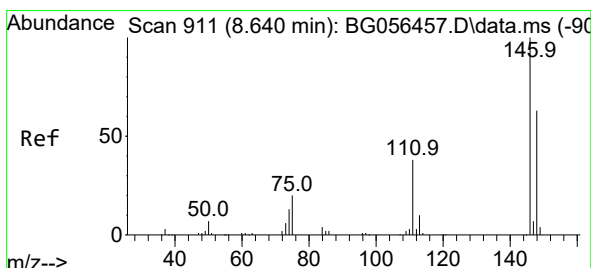
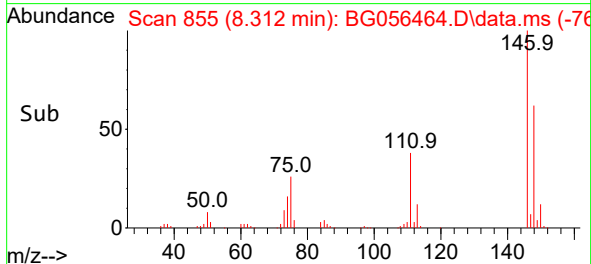
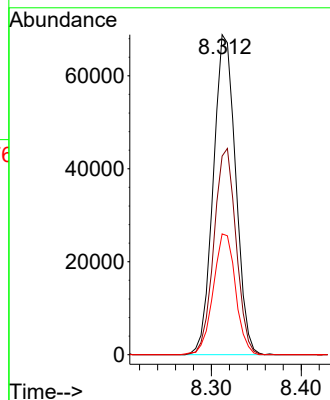
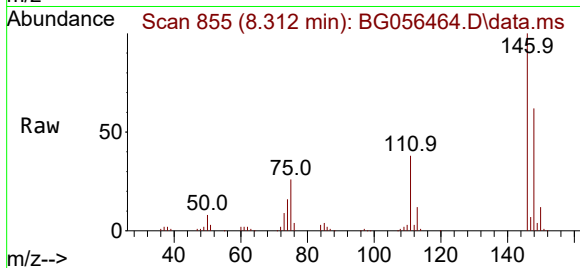
Tgt Ion:146 Resp: 119263

Ion Ratio Lower Upper

146 100

148 62.0 51.8 77.6

111 37.8 28.6 42.8



#14

1,2-Dichlorobenzene

Concen: 45.802 ng

RT: 8.641 min Scan# 911

Delta R.T. 0.001 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

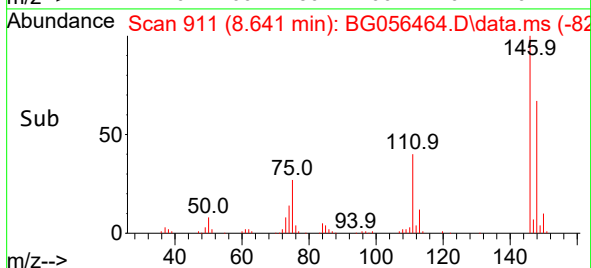
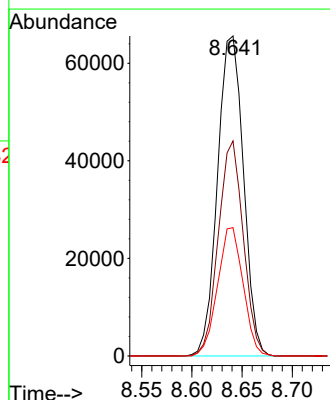
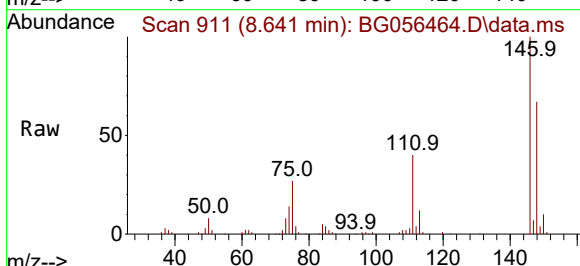
Tgt Ion:146 Resp: 117864

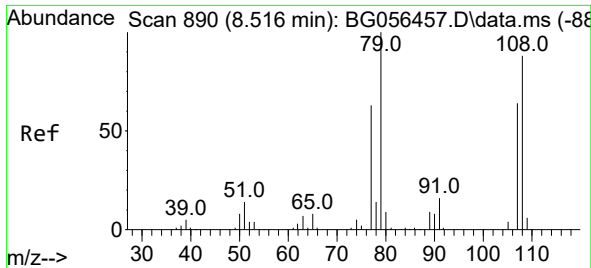
Ion Ratio Lower Upper

146 100

148 67.2 50.1 75.1

111 40.1 30.9 46.3

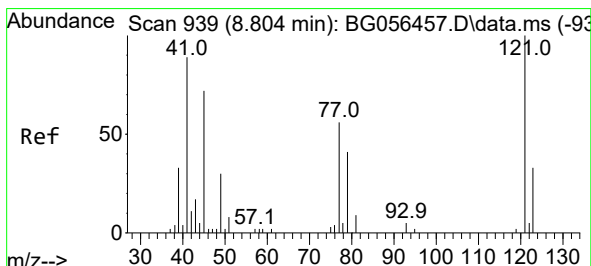
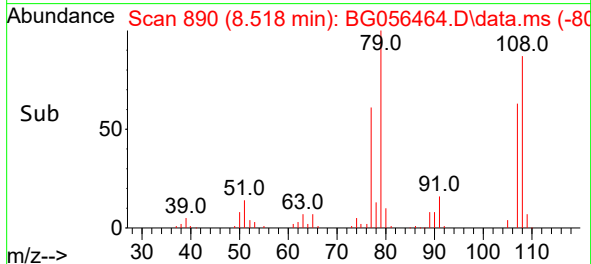
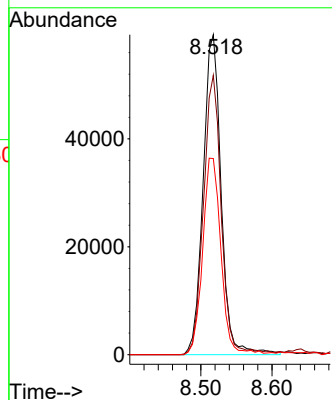
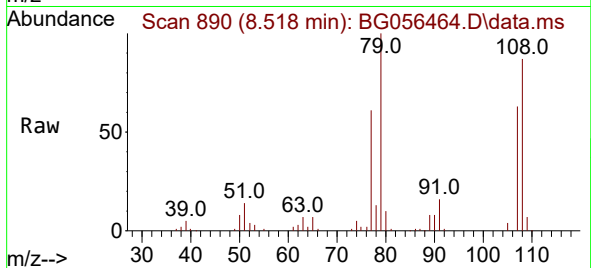




#15
Benzyl Alcohol
Concen: 49.722 ng
RT: 8.518 min Scan# 890
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

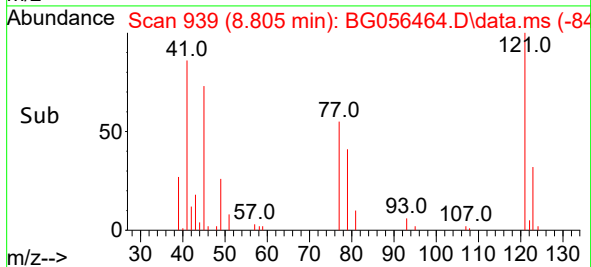
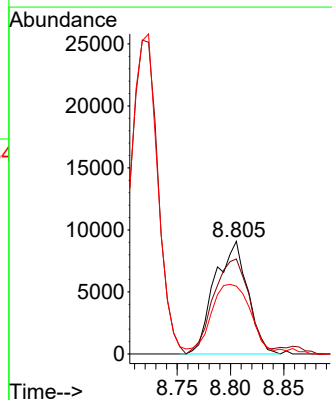
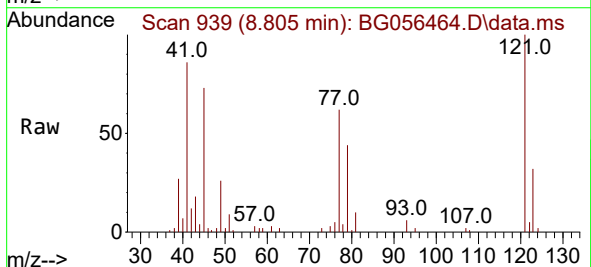
Instrument :
BNA_G
ClientSampleId :
PB150335BS

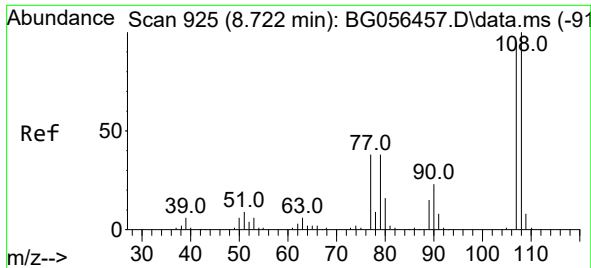
Tgt Ion: 79 Resp: 104663
Ion Ratio Lower Upper
79 100
108 87.3 70.1 105.1
77 61.3 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.126 ng
RT: 8.805 min Scan# 939
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion: 45 Resp: 19585
Ion Ratio Lower Upper
45 100
77 84.3 62.1 102.1
79 60.2 42.7 82.7

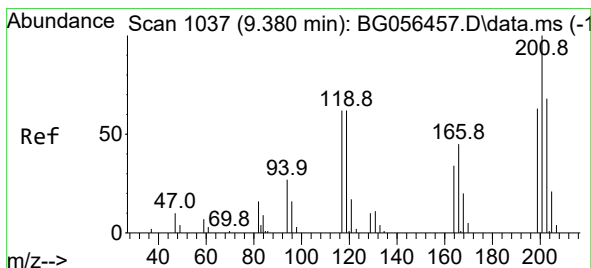
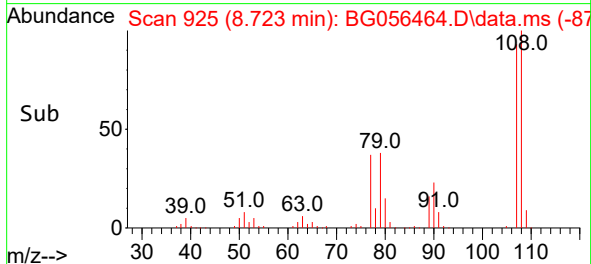
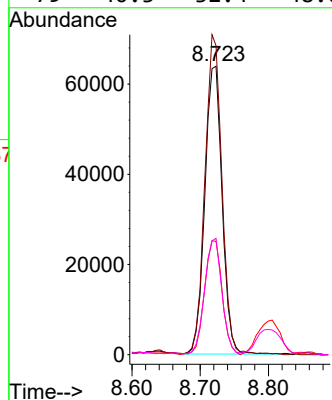
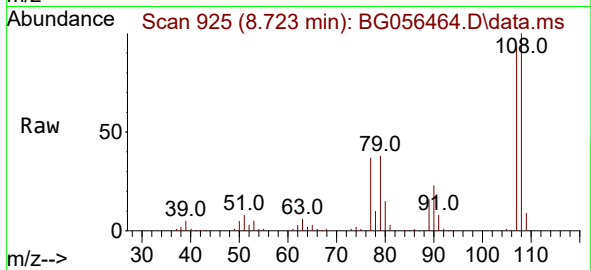




#17
2-Methylphenol
Concen: 47.339 ng
RT: 8.723 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

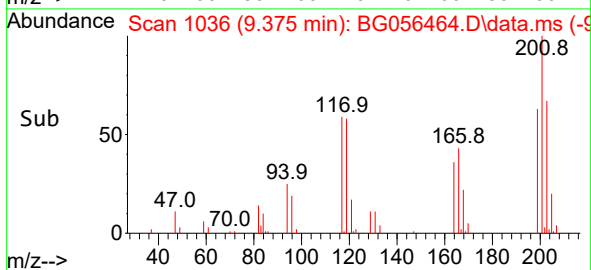
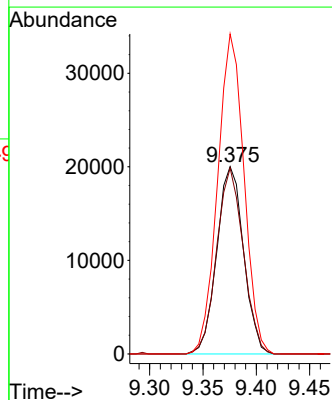
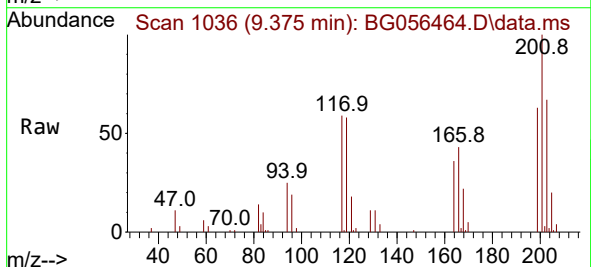
Instrument :
BNA_G
ClientSampleId :
PB150335BS

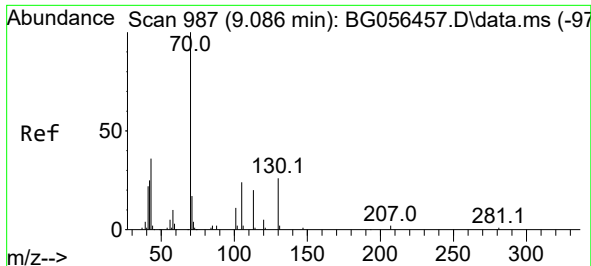
Tgt Ion:107 Resp: 112300
Ion Ratio Lower Upper
107 100
108 107.1 83.9 125.9
77 39.3 31.6 47.4
79 40.3 32.4 48.6



#18
Hexachloroethane
Concen: 43.496 ng
RT: 9.375 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:117 Resp: 34893
Ion Ratio Lower Upper
117 100
119 99.2 79.4 119.0
201 170.8 128.5 192.7

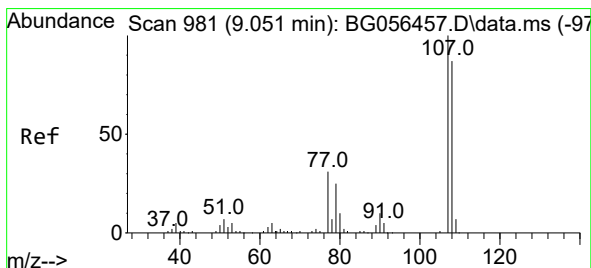
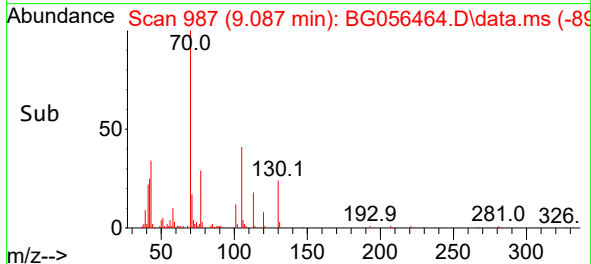
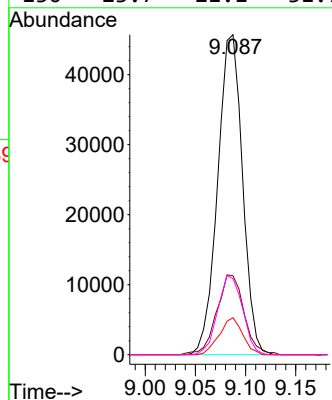
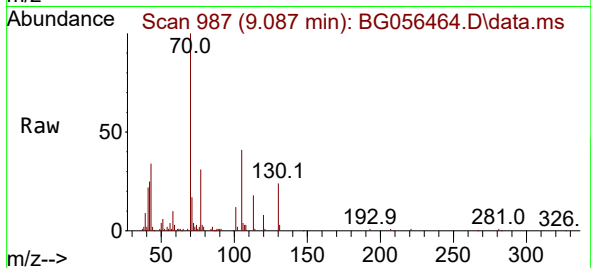




#19
n-Nitroso-di-n-propylamine
Concen: 44.437 ng
RT: 9.087 min Scan# 987
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

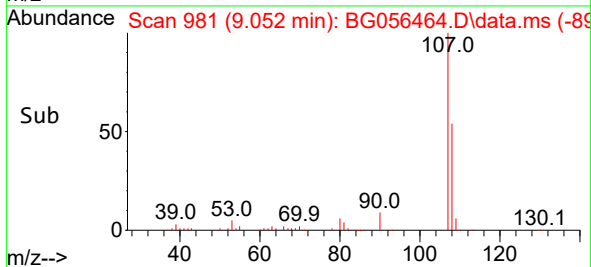
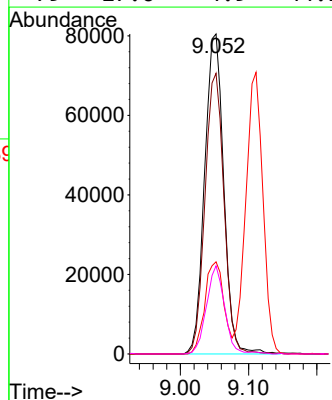
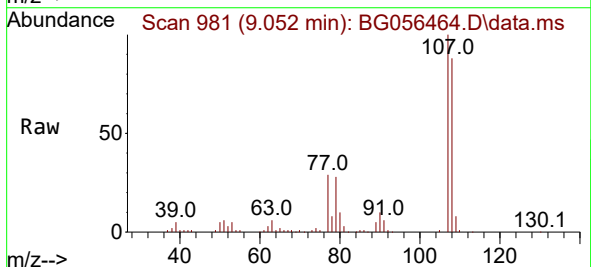
Instrument :
BNA_G
ClientSampleId :
PB150335BS

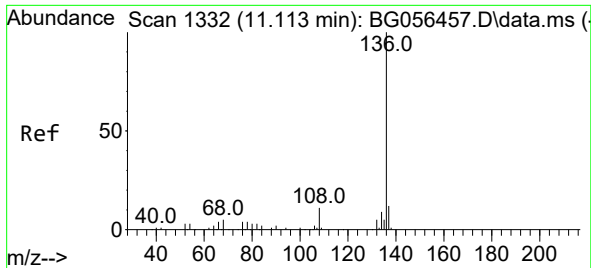
Tgt Ion: 70	Resp: 78566
Ion Ratio	Lower Upper
70 100	
42 24.6	20.2 30.4
101 11.6	9.1 13.7
130 23.7	21.1 31.7



#20
3+4-Methylphenols
Concen: 47.098 ng
RT: 9.052 min Scan# 981
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt	Ion:107	Resp:	156577
Ion	Ratio	Lower	Upper
107	100		
108	87.7	66.7	106.7
77	28.8	10.6	50.6
79	27.6	4.9	44.9

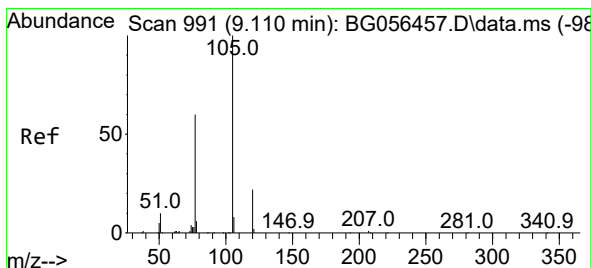
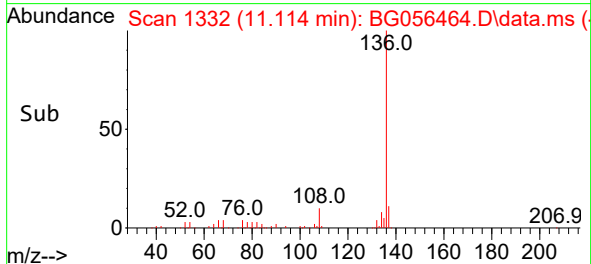
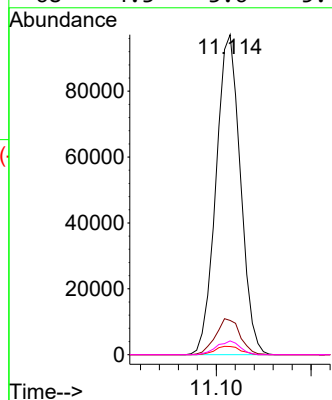
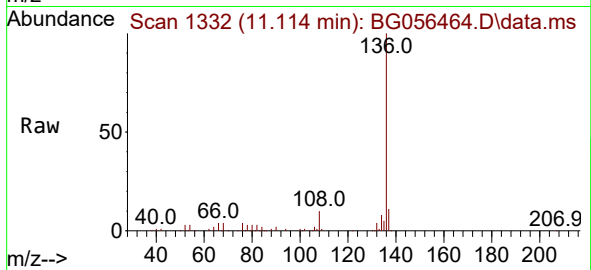




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.114 min Scan# 1114
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

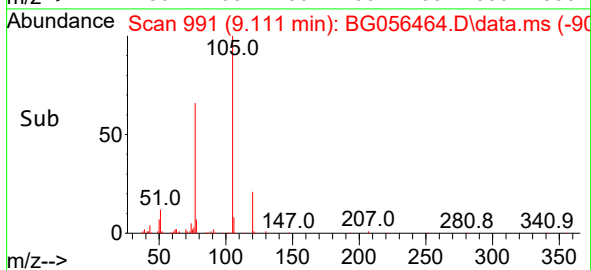
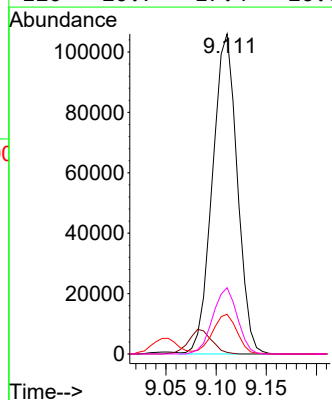
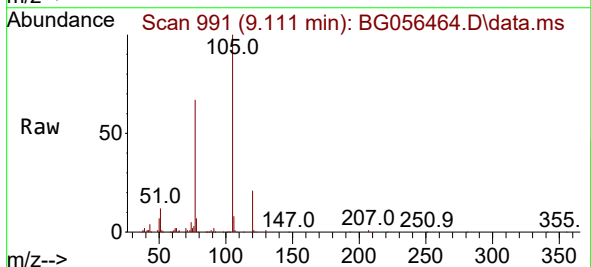
Instrument :
BNA_G
ClientSampleId :
PB150335BS

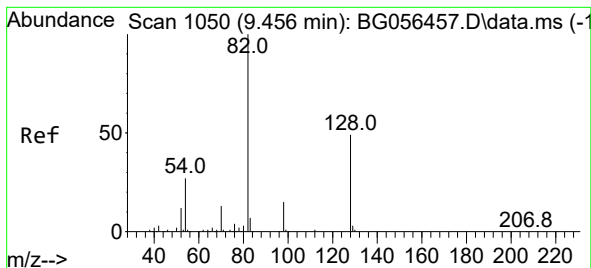
Tgt Ion:136 Resp: 173529
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.0
54 2.6 2.2 3.4
68 4.3 3.6 5.4



#22
Acetophenone
Concen: 39.583 ng
RT: 9.111 min Scan# 991
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:105 Resp: 182506
Ion Ratio Lower Upper
105 100
71 0.5 0.6 0.8#
51 12.4 9.2 13.8
120 20.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 78.761 ng

RT: 9.458 min Scan# 1050

Delta R.T. 0.001 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

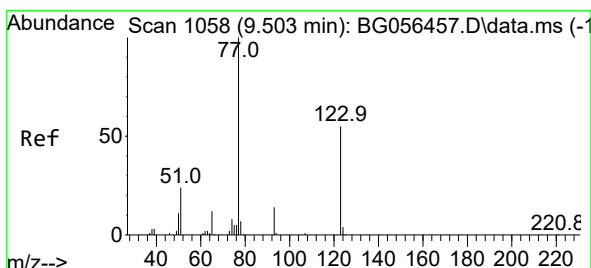
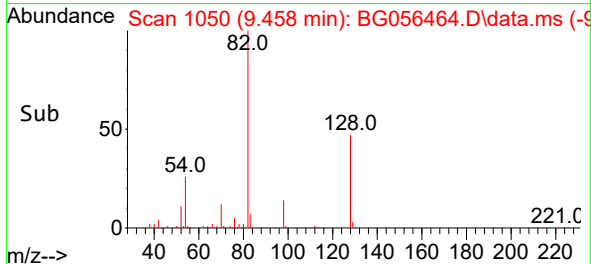
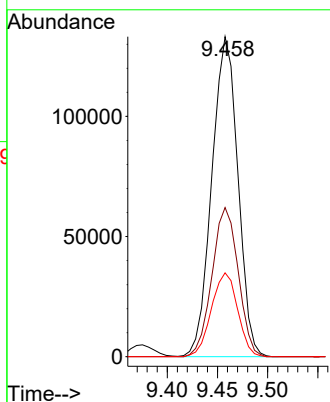
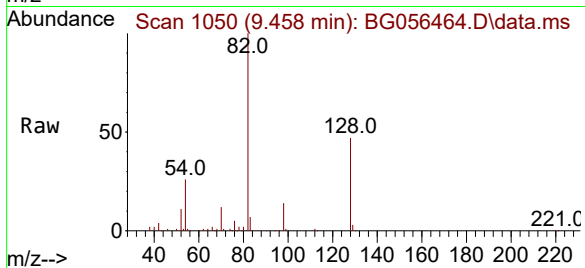
Tgt Ion: 82 Resp: 240686

Ion Ratio Lower Upper

82 100

128 46.6 39.4 59.2

54 26.2 21.4 32.2



#24

Nitrobenzene

Concen: 39.476 ng

RT: 9.499 min Scan# 1057

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

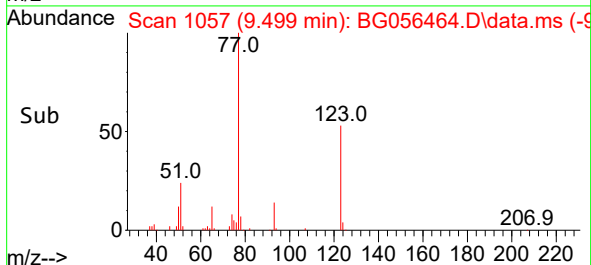
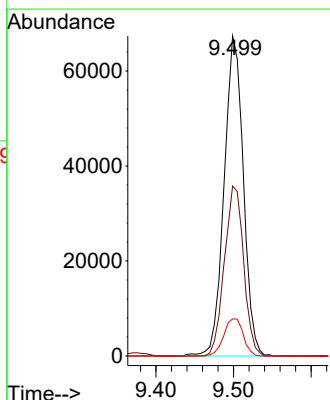
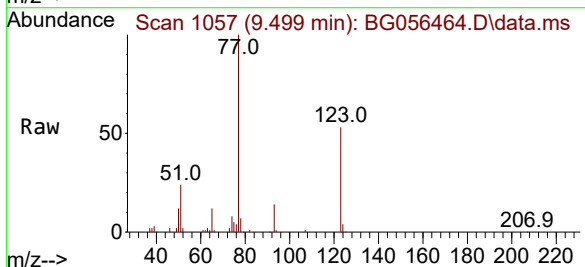
Tgt Ion: 77 Resp: 116362

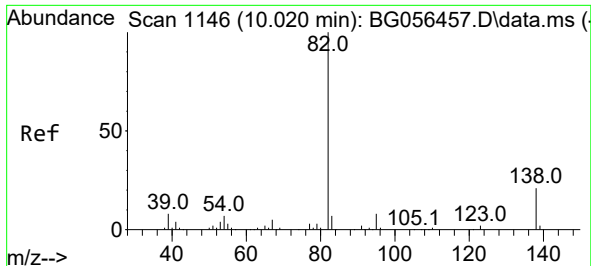
Ion Ratio Lower Upper

77 100

123 53.1 44.0 66.0

65 11.6 9.7 14.5

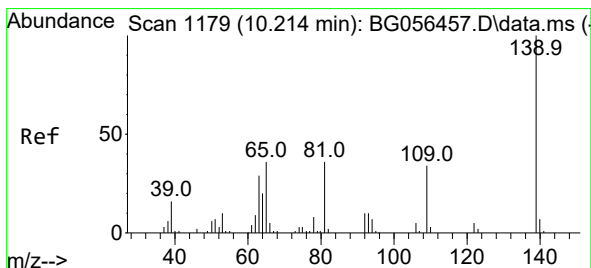
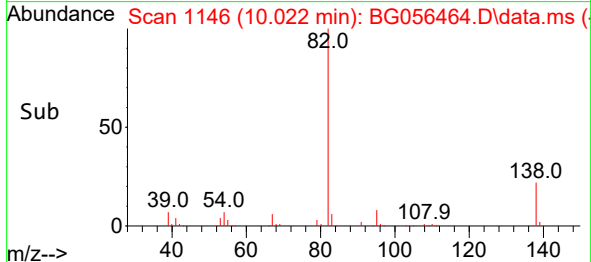
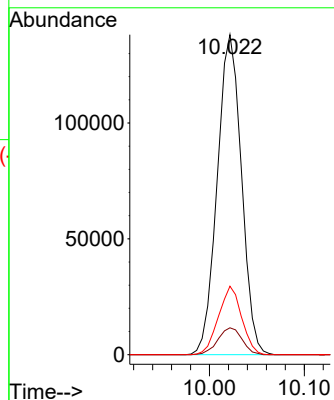
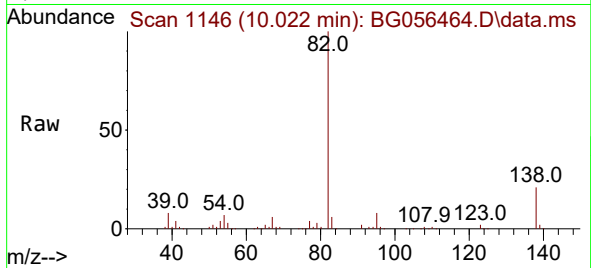




#25
Isophorone
Concen: 38.889 ng
RT: 10.022 min Scan# 1146
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

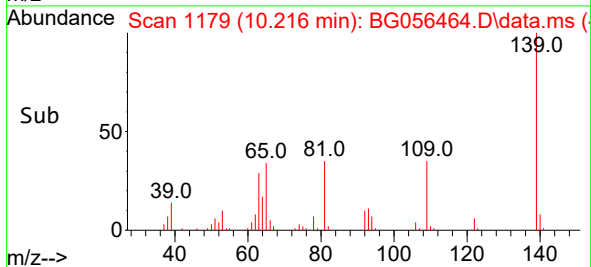
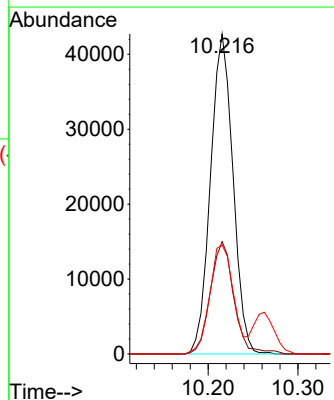
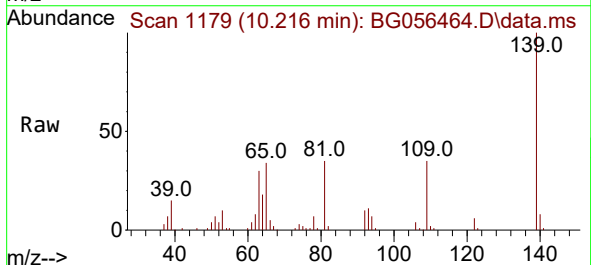
Instrument :
BNA_G
ClientSampleId :
PB150335BS

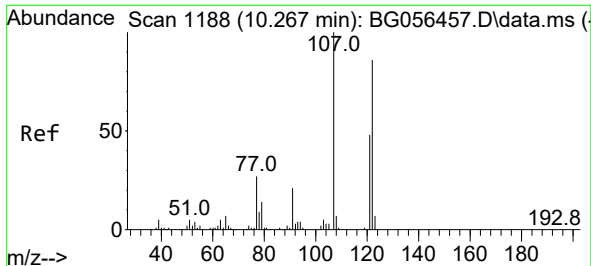
Tgt Ion: 82 Resp: 245169
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 21.4 16.6 25.0



#26
2-Nitrophenol
Concen: 41.440 ng
RT: 10.216 min Scan# 1179
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:139 Resp: 74113
Ion Ratio Lower Upper
139 100
109 35.1 26.9 40.3
65 34.1 29.0 43.4





#27

2,4-Dimethylphenol

Concen: 40.695 ng

RT: 10.263 min Scan# 1187

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

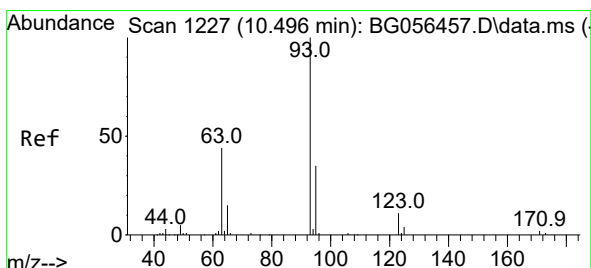
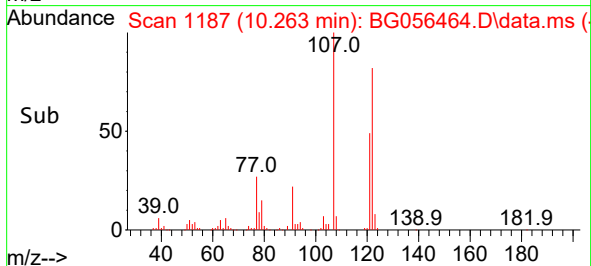
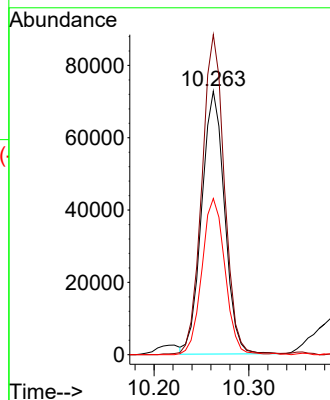
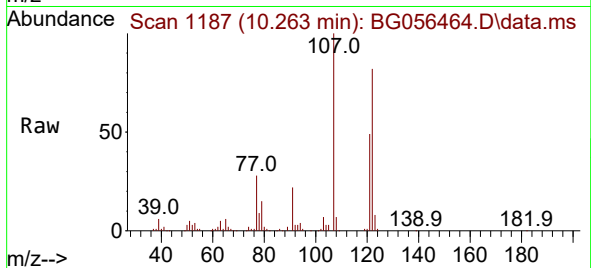
Tgt Ion:122 Resp: 121803

Ion Ratio Lower Upper

122 100

107 121.4 92.9 139.3

121 59.3 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.445 ng

RT: 10.492 min Scan# 1226

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

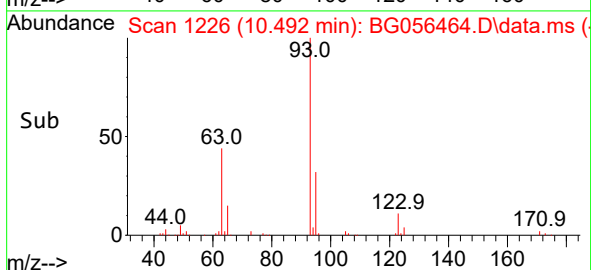
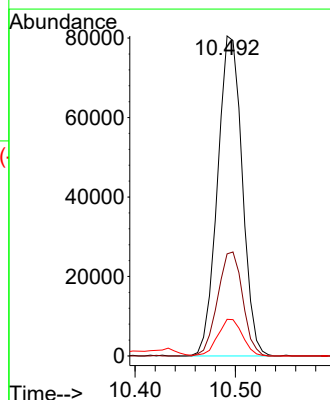
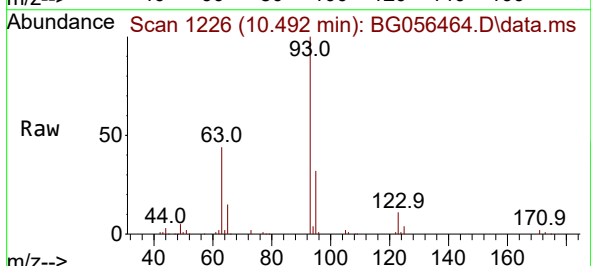
Tgt Ion: 93 Resp: 137378

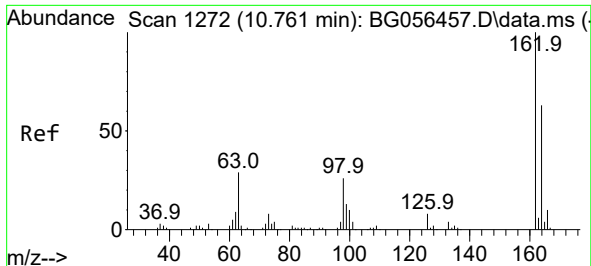
Ion Ratio Lower Upper

93 100

95 31.9 27.9 41.9

123 11.4 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 44.772 ng

RT: 10.756 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

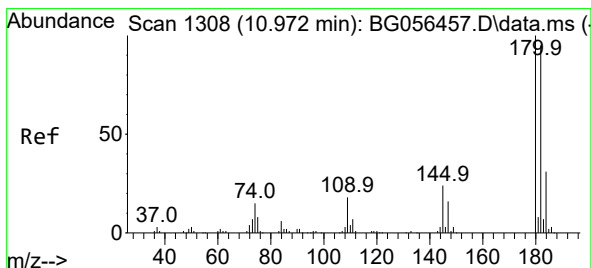
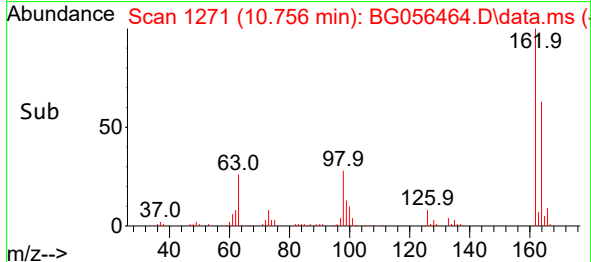
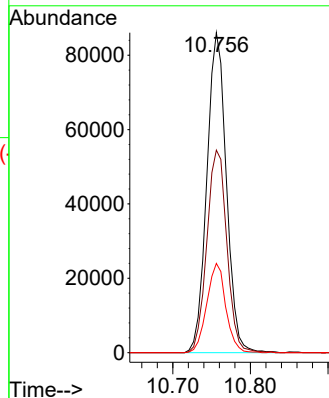
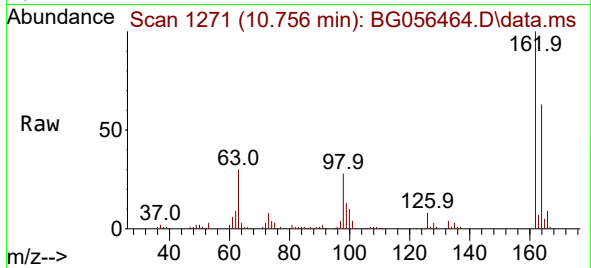
Tgt Ion:162 Resp: 150839

Ion Ratio Lower Upper

162 100

164 63.3 42.8 82.8

98 27.9 6.5 46.5



#30

1,2,4-Trichlorobenzene

Concen: 40.003 ng

RT: 10.973 min Scan# 1308

Delta R.T. 0.001 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

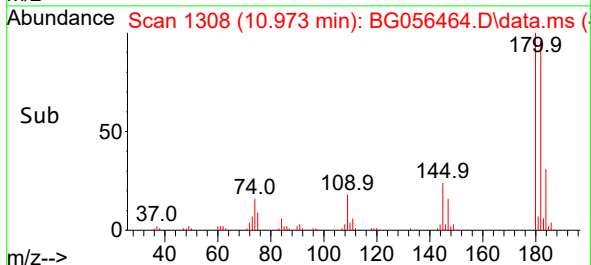
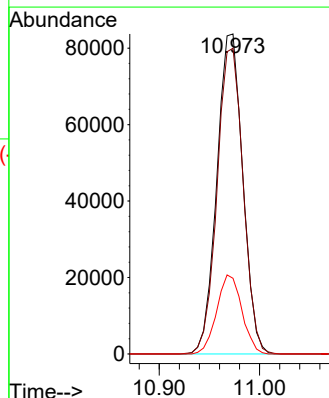
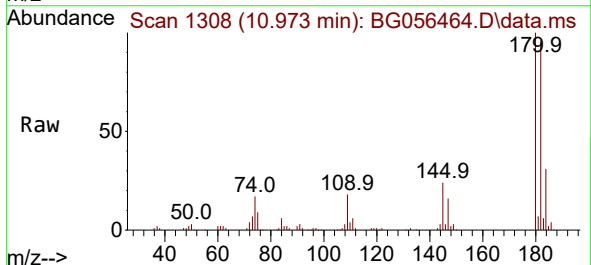
Tgt Ion:180 Resp: 149764

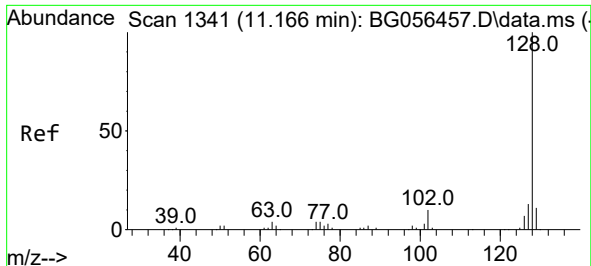
Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

145 23.6 19.4 29.0

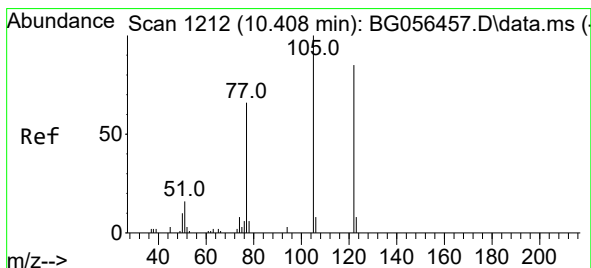
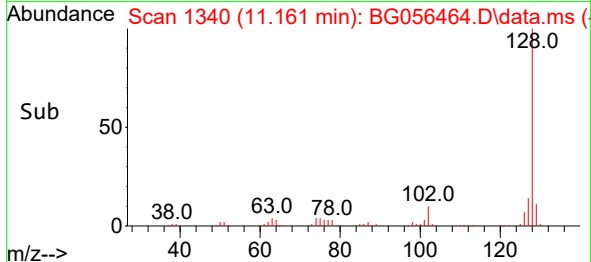
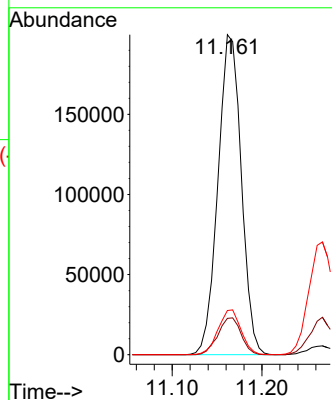
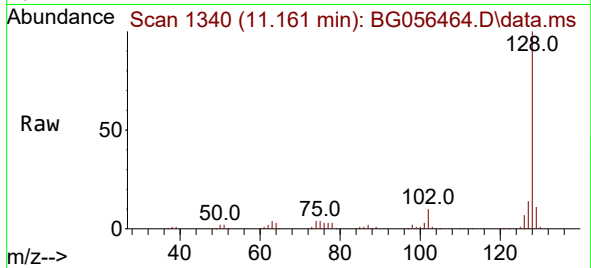




#31
Naphthalene
Concen: 39.337 ng
RT: 11.161 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

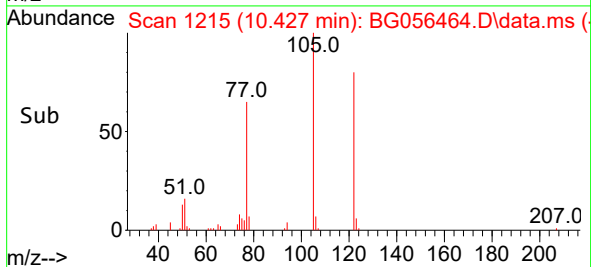
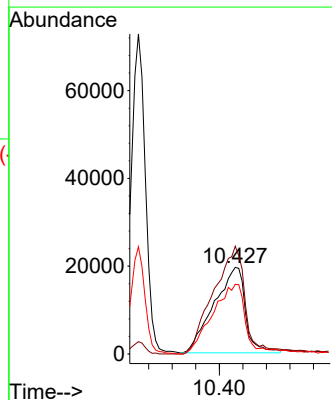
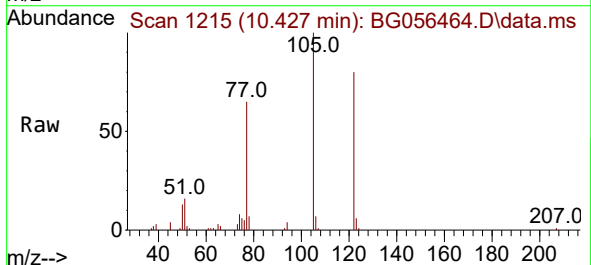
Instrument :
BNA_G
ClientSampleId :
PB150335BS

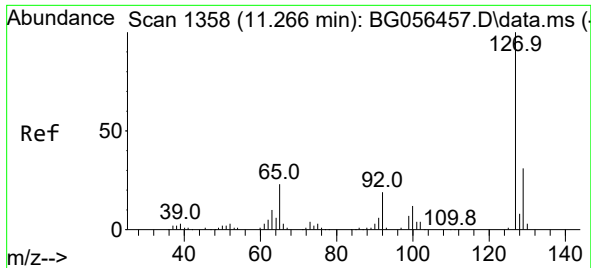
Tgt Ion:128 Resp: 360282
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.8 10.4 15.6



#32
Benzoic acid
Concen: 43.203 ng
RT: 10.427 min Scan# 1215
Delta R.T. 0.019 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:122 Resp: 72345
Ion Ratio Lower Upper
122 100
105 124.5 96.5 136.5
77 80.5 57.3 97.3

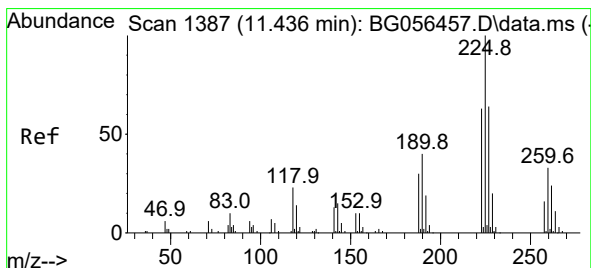
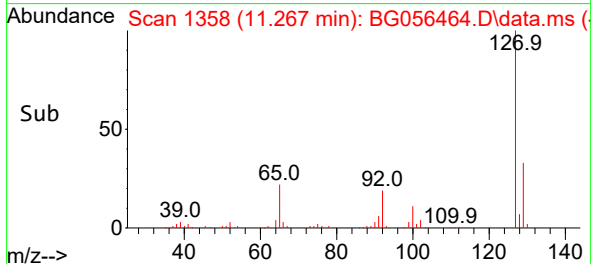
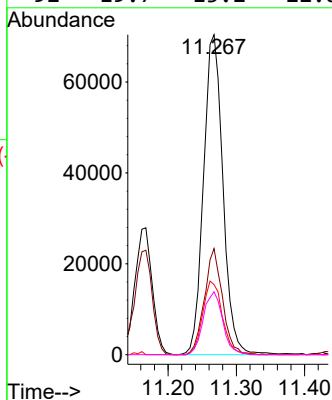
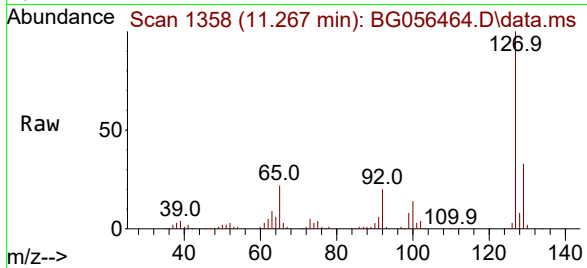




#33
4-Chloroaniline
Concen: 32.637 ng
RT: 11.267 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

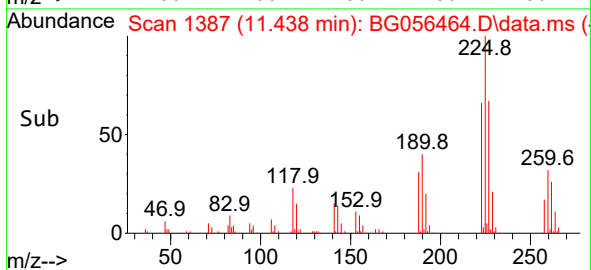
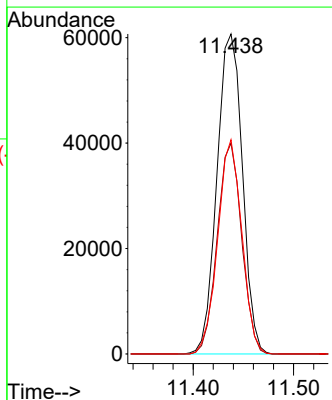
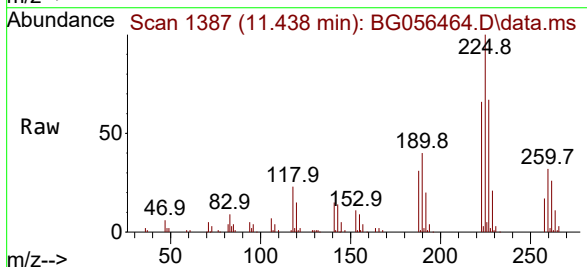
Instrument :
BNA_G
ClientSampleId :
PB150335BS

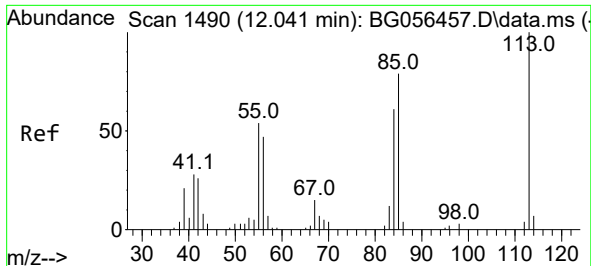
Tgt Ion:	127	Resp:	139533
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.0	37.6
65	21.9	18.5	27.7
92	19.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.705 ng
RT: 11.438 min Scan# 1387
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:	225	Resp:	106971
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	75.8
227	66.2	53.7	80.5

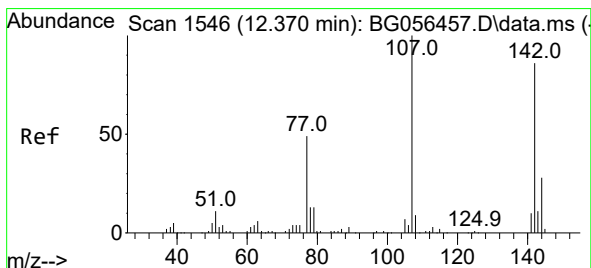
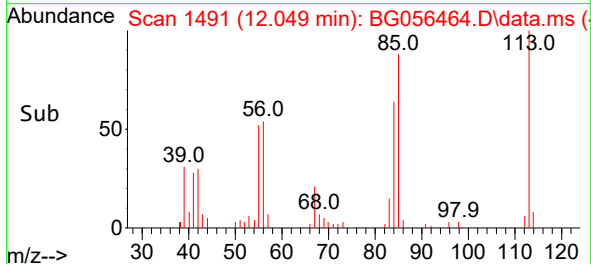
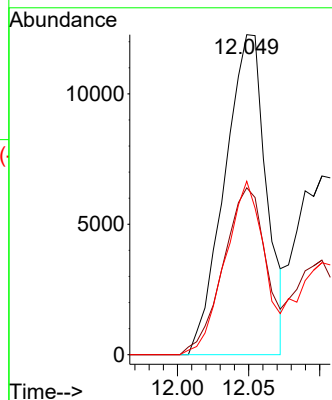
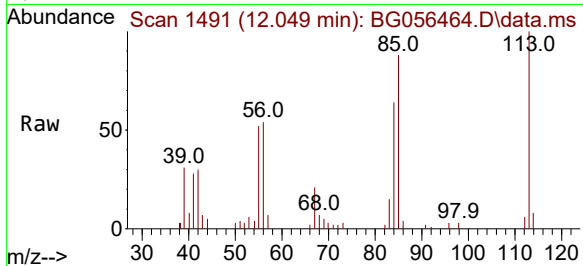




#35
 Caprolactam
 Concen: 22.116 ng
 RT: 12.049 min Scan# 1491
 Delta R.T. 0.007 min
 Lab File: BG056464.D
 Acq: 27 Jan 2023 21:12

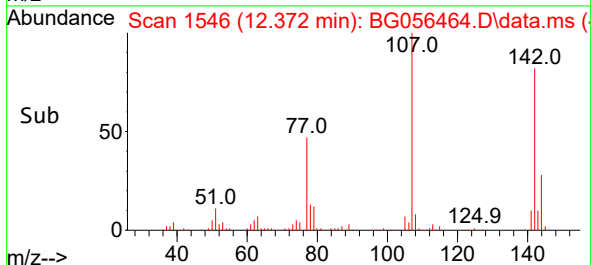
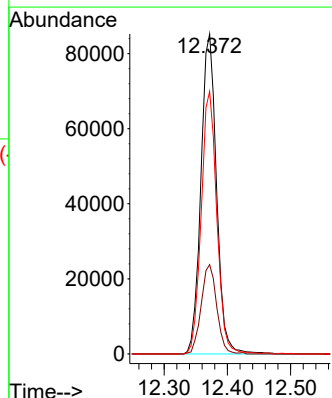
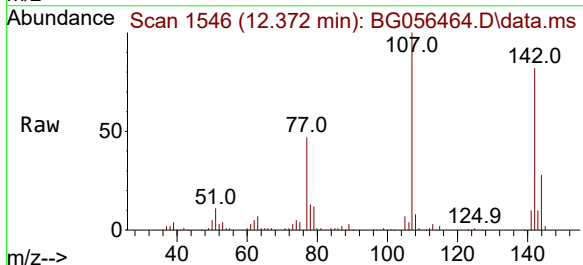
Instrument :
 BNA_G
 ClientSampleId :
 PB150335BS

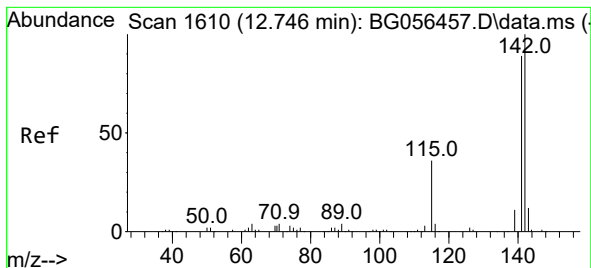
Tgt Ion:113 Resp: 25129
 Ion Ratio Lower Upper
 113 100
 55 52.1 33.7 73.7
 56 54.2 27.1 67.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.893 ng
 RT: 12.372 min Scan# 1546
 Delta R.T. 0.001 min
 Lab File: BG056464.D
 Acq: 27 Jan 2023 21:12

Tgt Ion:107 Resp: 146064
 Ion Ratio Lower Upper
 107 100
 144 27.9 22.3 33.5
 142 82.0 68.9 103.3

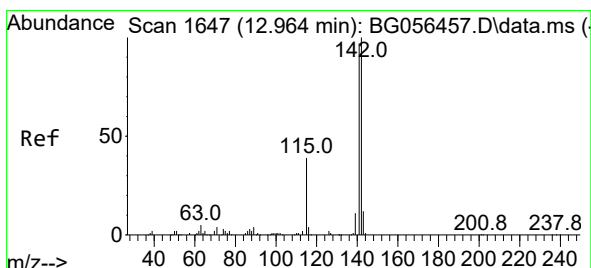
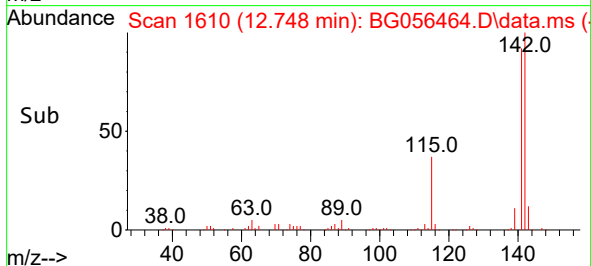
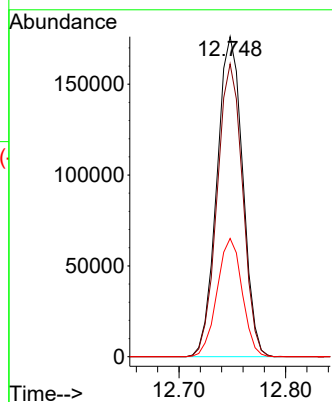
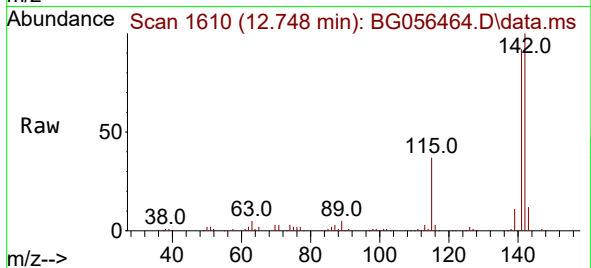




#37
2-Methylnaphthalene
Concen: 39.189 ng
RT: 12.748 min Scan# 1610
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

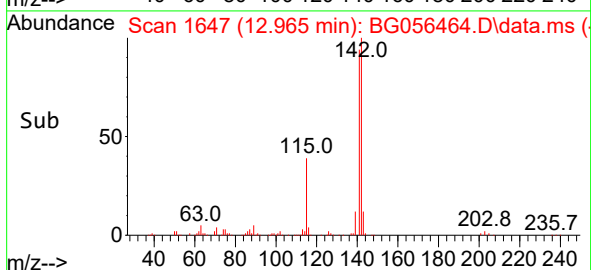
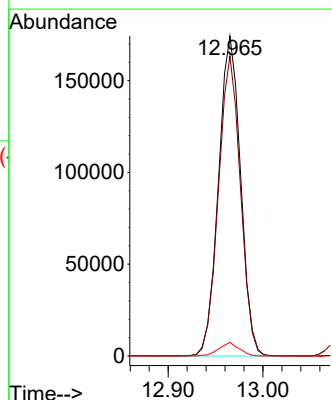
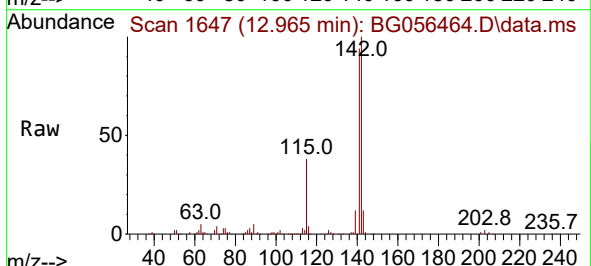
Instrument :
BNA_G
ClientSampleId :
PB150335BS

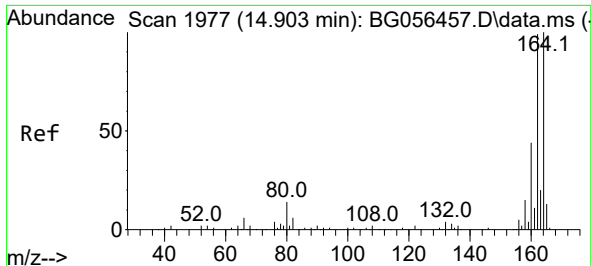
Tgt Ion:142 Resp: 295906
Ion Ratio Lower Upper
142 100
141 91.5 71.4 107.0
115 37.0 28.4 42.6



#38
1-Methylnaphthalene
Concen: 39.891 ng
RT: 12.965 min Scan# 1647
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:142 Resp: 281311
Ion Ratio Lower Upper
142 100
141 93.7 77.7 116.5
116 4.3 3.4 5.2

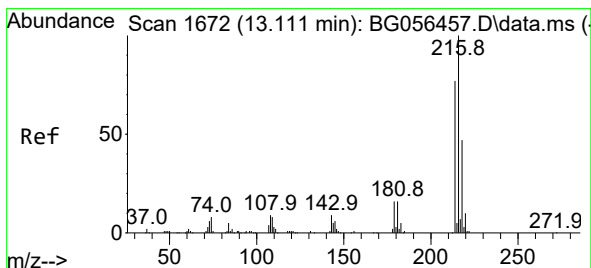
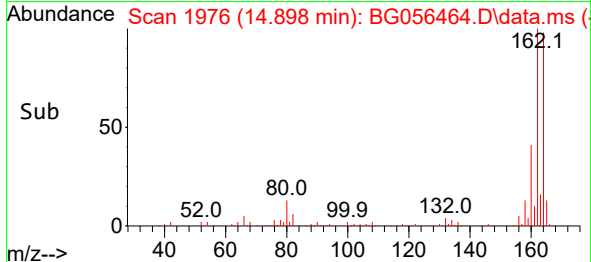
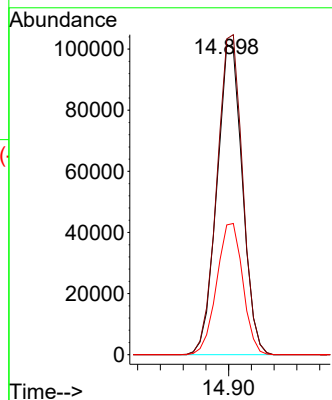
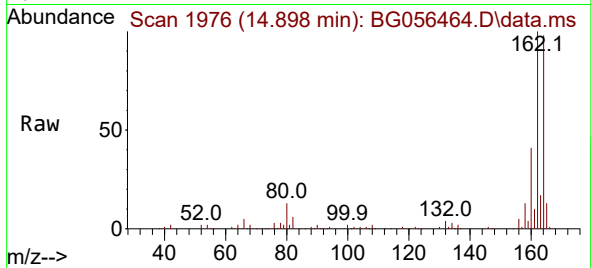




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.898 min Scan# 1976
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

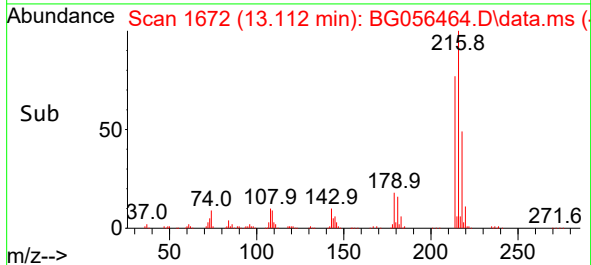
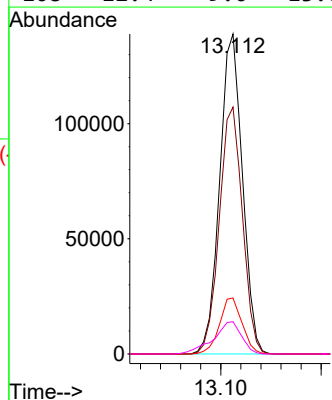
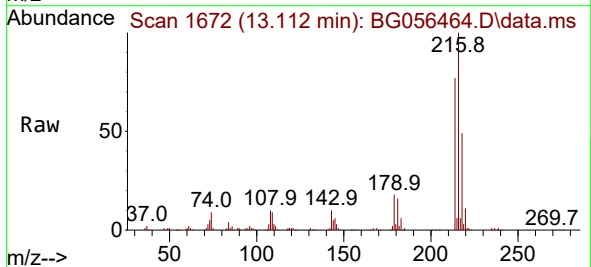
Instrument :
BNA_G
ClientSampleId :
PB150335BS

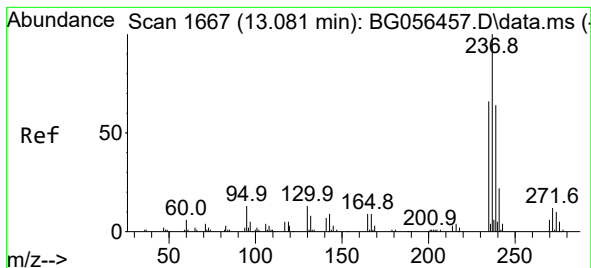
Tgt Ion:164 Resp: 158318
Ion Ratio Lower Upper
164 100
162 101.9 79.6 119.4
160 41.8 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.772 ng
RT: 13.112 min Scan# 1672
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:216 Resp: 218469
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.6
179 17.4 14.1 21.1
108 12.4 9.0 13.6





#41

Hexachlorocyclopentadiene

Concen: 73.672 ng

RT: 13.083 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

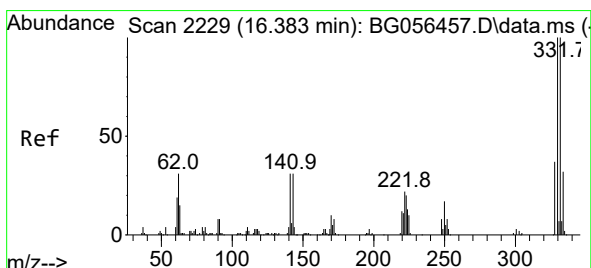
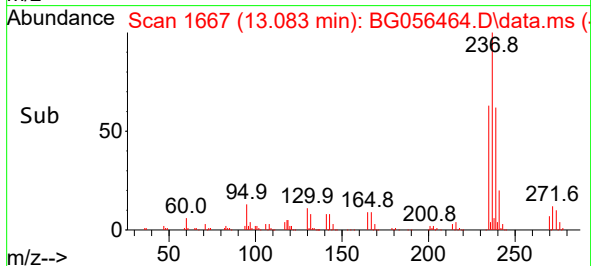
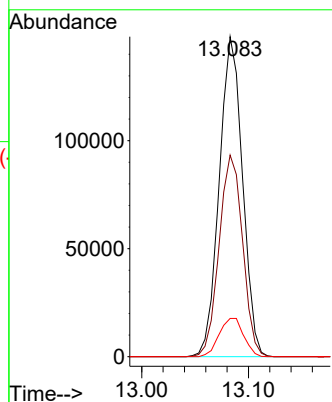
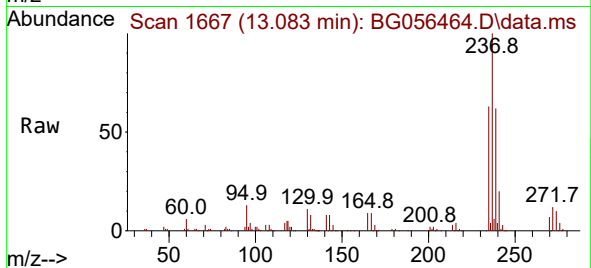
Tgt Ion:237 Resp: 224203

Ion Ratio Lower Upper

237 100

235 63.0 45.6 85.6

272 11.9 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 126.199 ng

RT: 16.385 min Scan# 2229

Delta R.T. 0.001 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

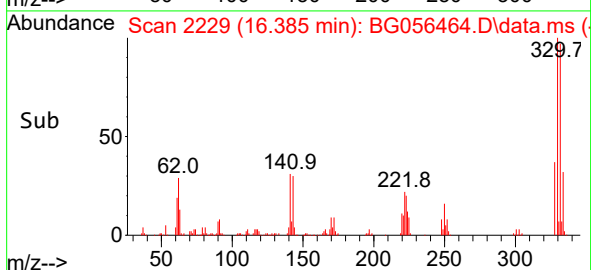
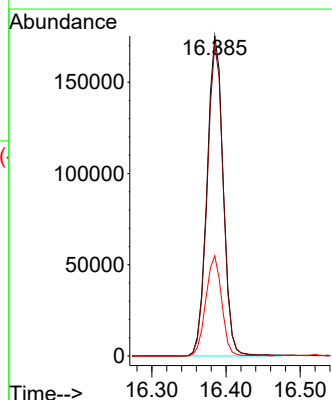
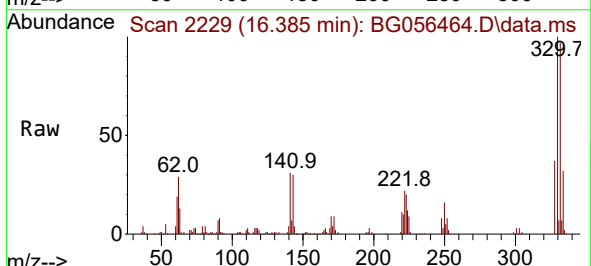
Tgt Ion:330 Resp: 265616

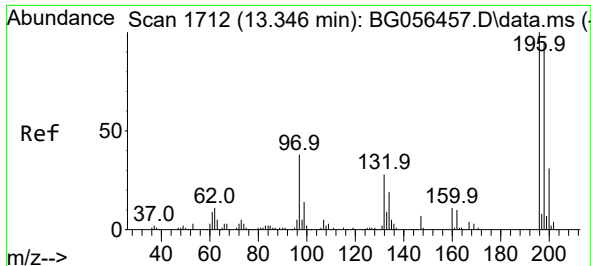
Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.6

141 30.8 24.2 36.4

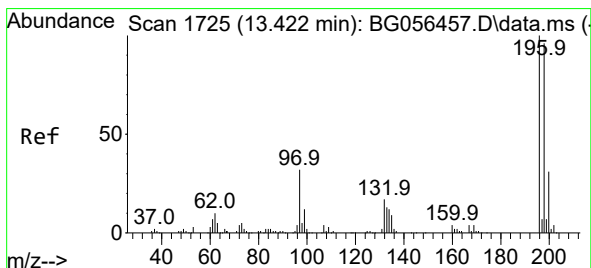
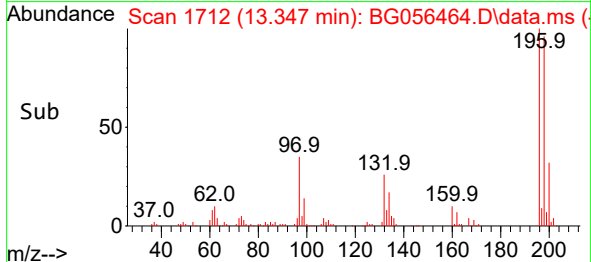
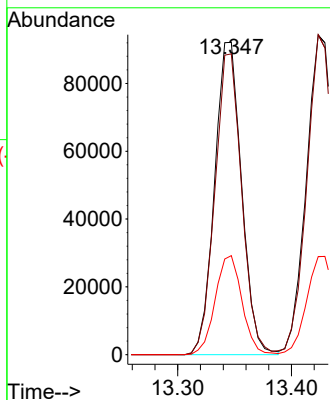
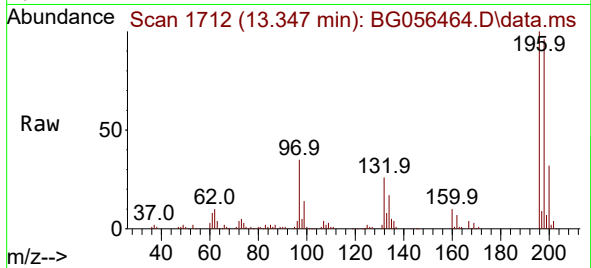




#43
2,4,6-Trichlorophenol
Concen: 40.778 ng
RT: 13.347 min Scan# 1712
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

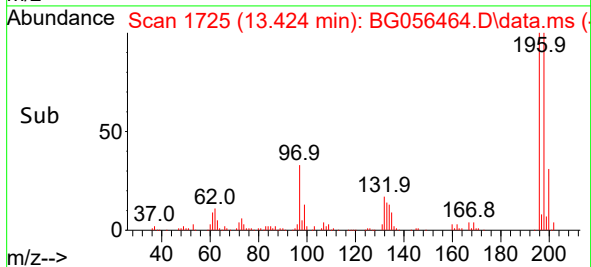
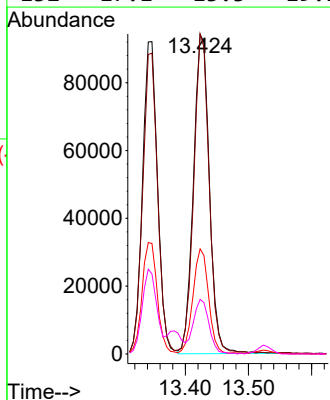
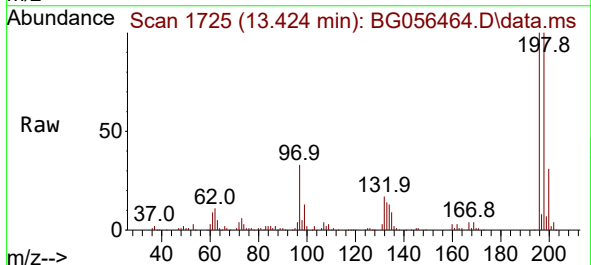
Instrument :
BNA_G
ClientSampleId :
PB150335BS

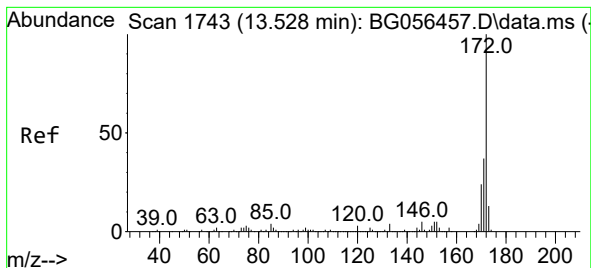
Tgt Ion:196 Resp: 151991
Ion Ratio Lower Upper
196 100
198 96.3 75.4 113.0
200 31.7 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 37.855 ng
RT: 13.424 min Scan# 1725
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:196 Resp: 165198
Ion Ratio Lower Upper
196 100
198 100.1 76.9 115.3
97 32.9 25.8 38.6
132 17.1 13.3 19.9





#45

2-Fluorobiphenyl

Concen: 75.464 ng

RT: 13.523 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

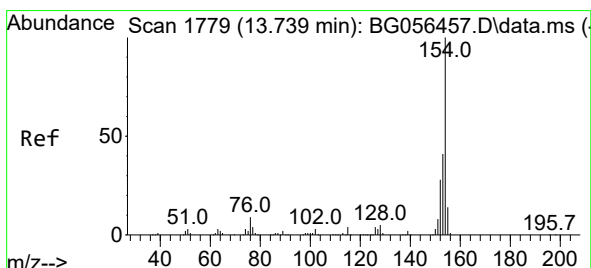
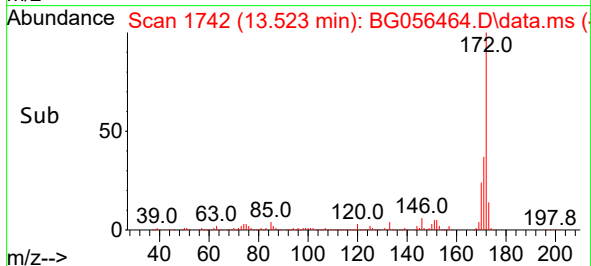
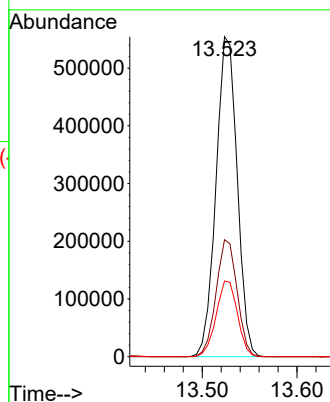
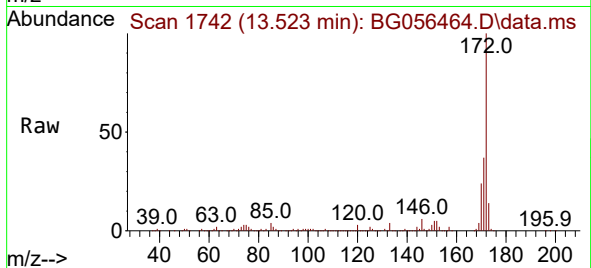
Tgt Ion:172 Resp: 861738

Ion Ratio Lower Upper

172 100

171 36.5 29.5 44.3

170 23.6 19.2 28.8



#46

1,1'-Biphenyl

Concen: 38.521 ng

RT: 13.735 min Scan# 1778

Delta R.T. -0.004 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

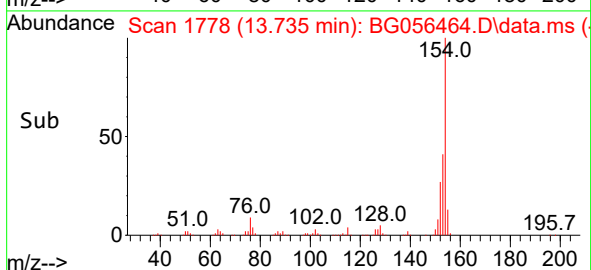
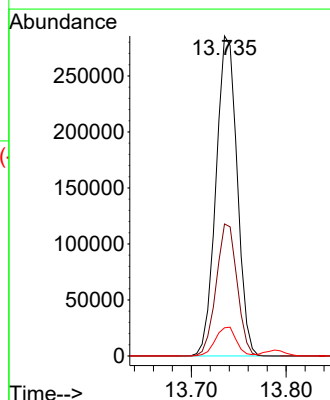
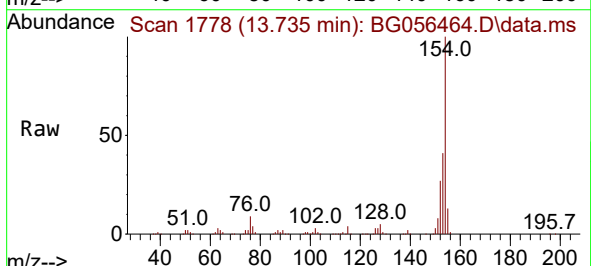
Tgt Ion:154 Resp: 442346

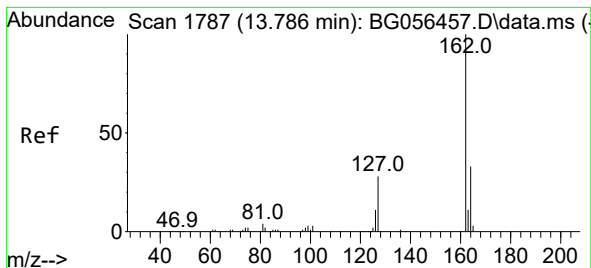
Ion Ratio Lower Upper

154 100

153 41.3 21.5 61.5

76 8.8 0.0 28.8





#47

2-Chloronaphthalene

Concen: 38.660 ng

RT: 13.788 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

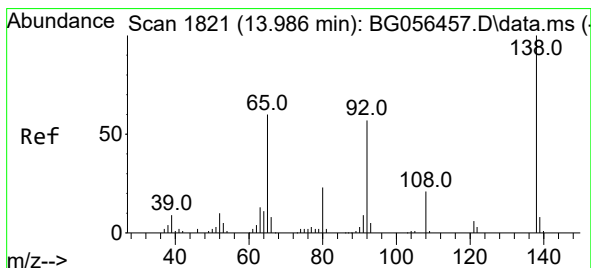
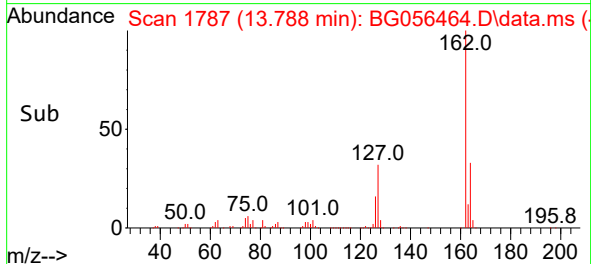
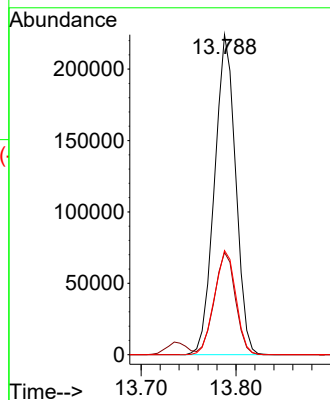
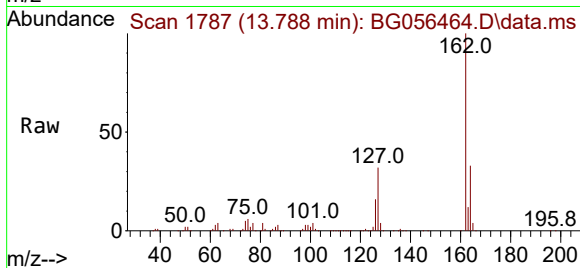
Tgt Ion:162 Resp: 346996

Ion Ratio Lower Upper

162 100

127 31.9 25.2 37.8

164 32.6 26.2 39.2



#48

2-Nitroaniline

Concen: 38.694 ng

RT: 13.982 min Scan# 1820

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

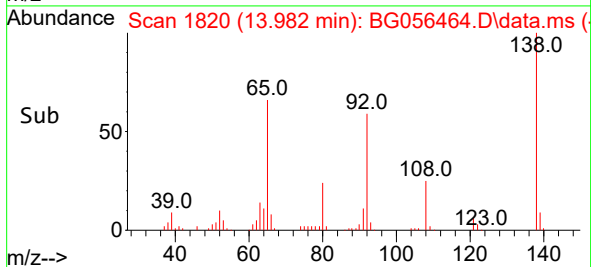
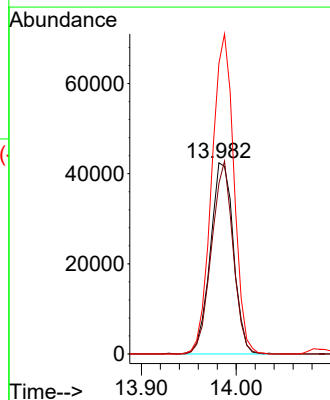
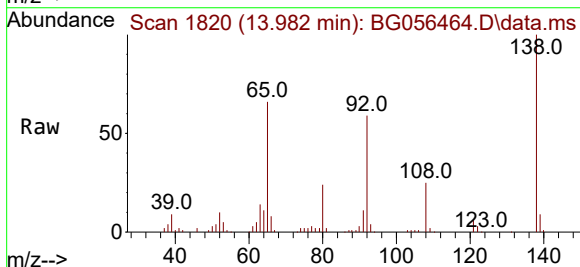
Tgt Ion: 65 Resp: 71796

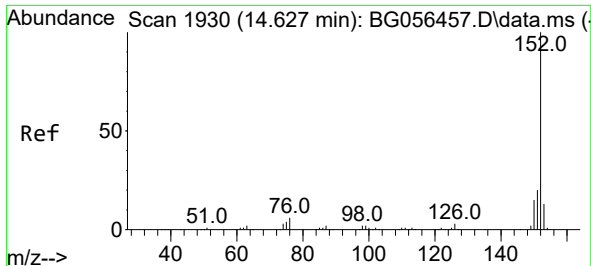
Ion Ratio Lower Upper

65 100

92 89.2 75.8 113.6

138 152.0 133.2 199.8

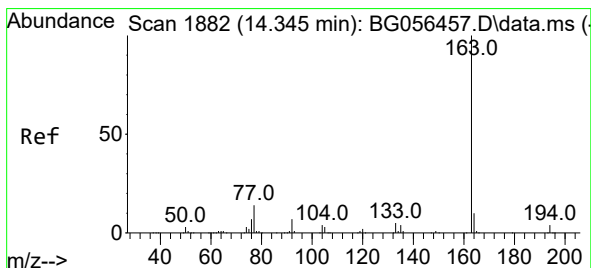
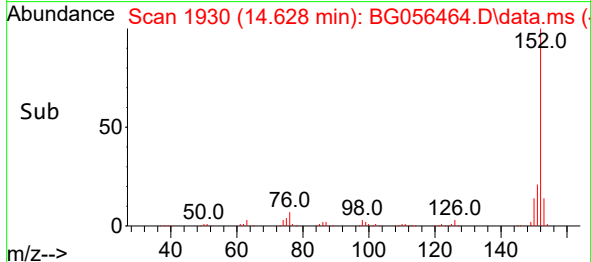
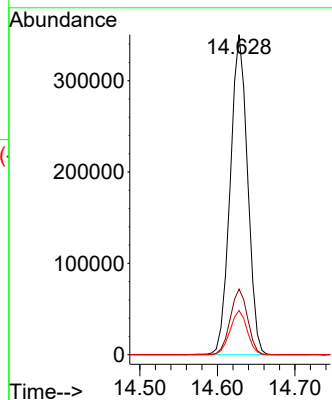
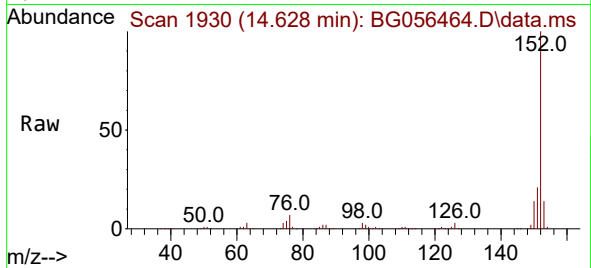




#49
Acenaphthylene
Concen: 37.308 ng
RT: 14.628 min Scan# 1930
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

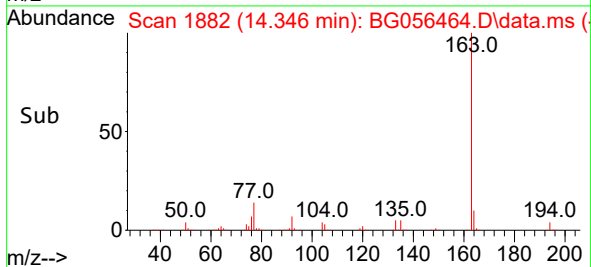
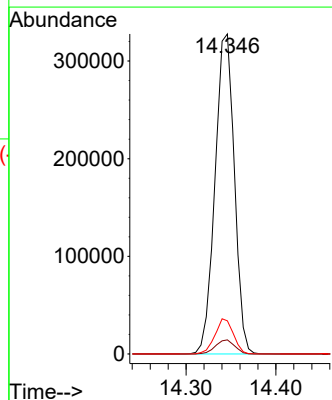
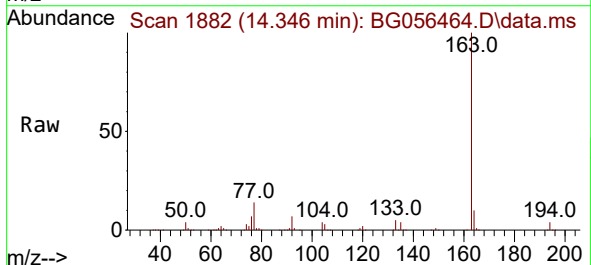
Instrument :
BNA_G
ClientSampleId :
PB150335BS

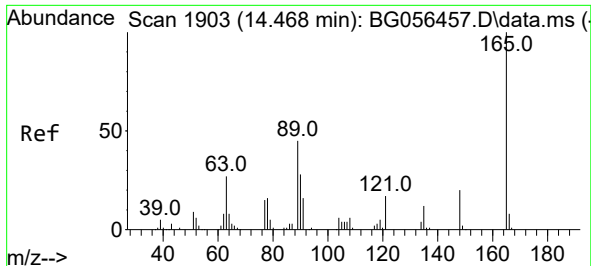
Tgt Ion:152 Resp: 544820
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.8 10.5 15.7



#50
Dimethylphthalate
Concen: 38.261 ng
RT: 14.346 min Scan# 1882
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:163 Resp: 490057
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.3 8.1 12.1

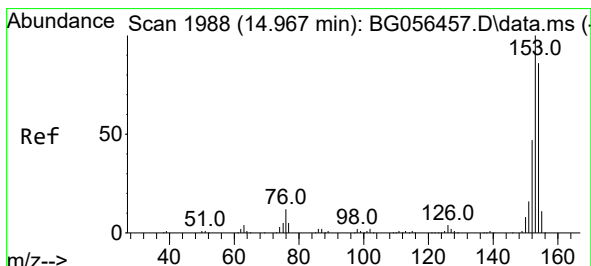
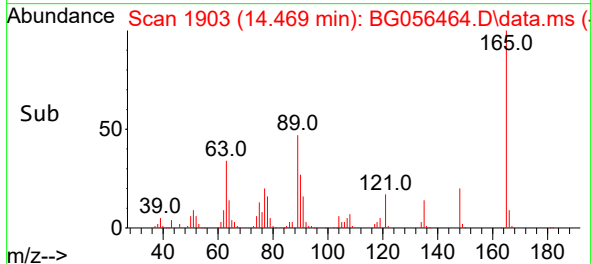
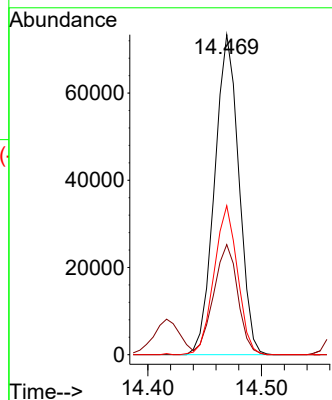
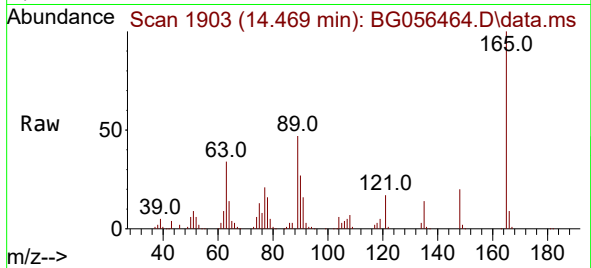




#51
2,6-Dinitrotoluene
Concen: 38.942 ng
RT: 14.469 min Scan# 1903
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

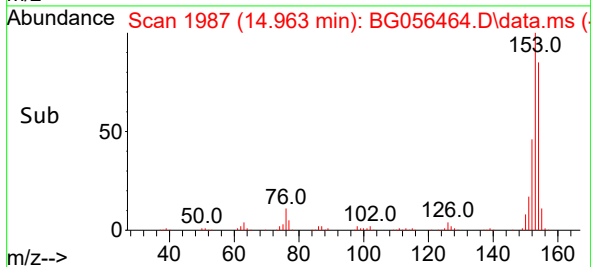
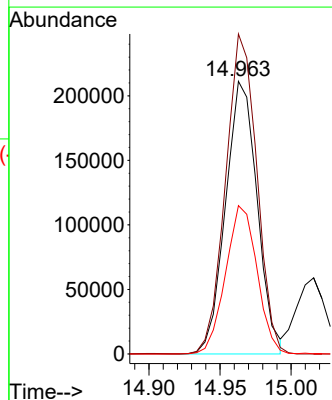
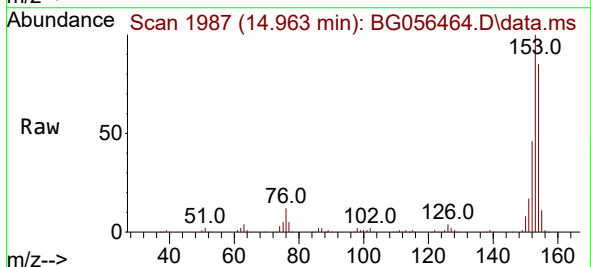
Instrument :
BNA_G
ClientSampleId :
PB150335BS

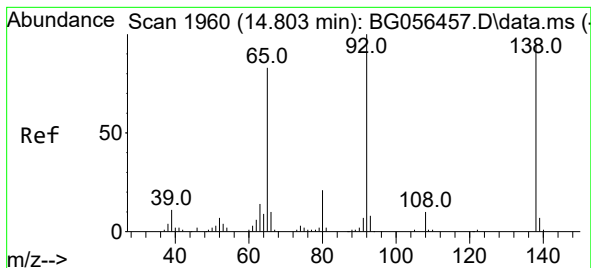
Tgt Ion:165 Resp: 108774
Ion Ratio Lower Upper
165 100
63 34.4 26.9 40.3
89 46.5 35.6 53.4



#52
Acenaphthene
Concen: 37.856 ng
RT: 14.963 min Scan# 1987
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

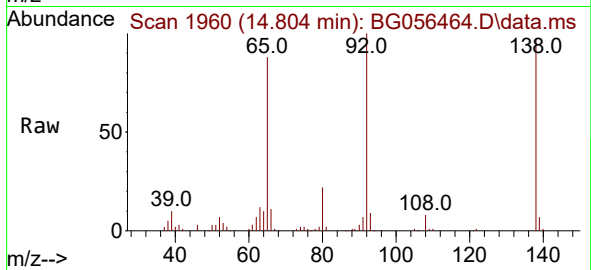
Tgt Ion:154 Resp: 327827
Ion Ratio Lower Upper
154 100
153 117.4 93.4 140.0
152 54.4 43.4 65.2



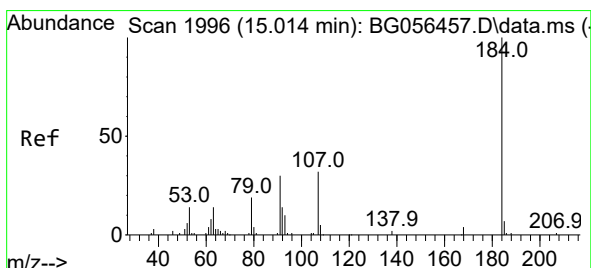
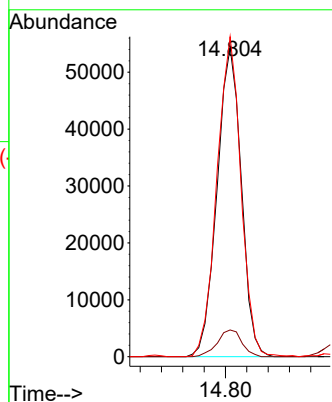
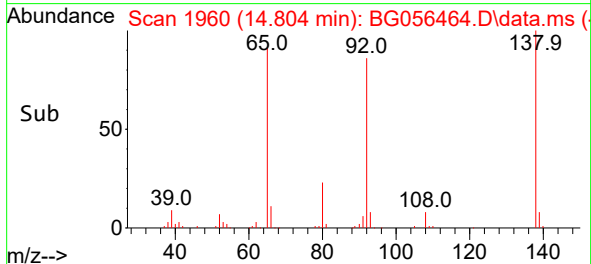


#53
3-Nitroaniline
Concen: 31.597 ng
RT: 14.804 min Scan# 1960
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

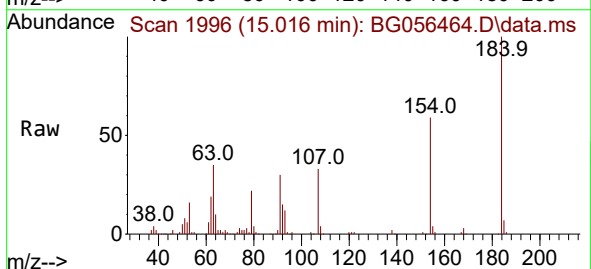
Instrument :
BNA_G
ClientSampleId :
PB150335BS



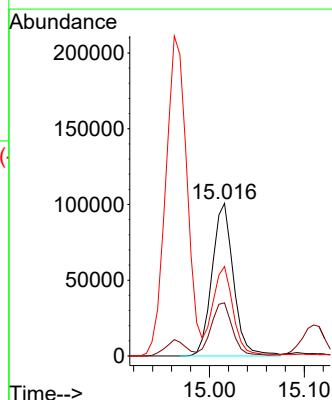
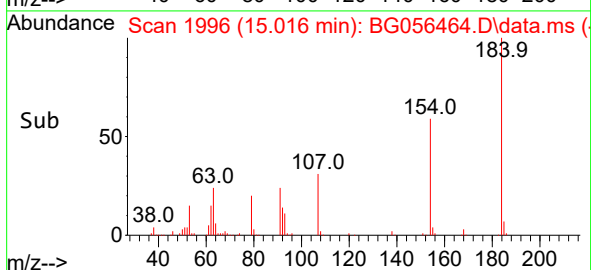
Tgt Ion:138 Resp: 85563
Ion Ratio Lower Upper
138 100
108 8.7 8.0 12.0
92 103.5 84.1 126.1

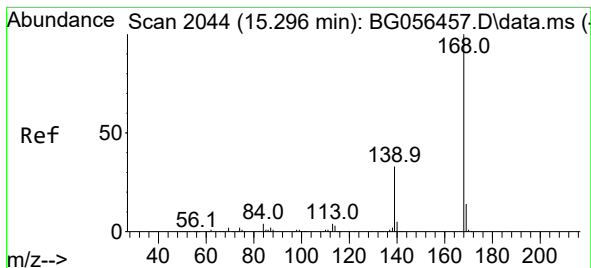


#54
2,4-Dinitrophenol
Concen: 90.658 ng
RT: 15.016 min Scan# 1996
Delta R.T. 0.002 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion:184 Resp: 158752
Ion Ratio Lower Upper
184 100
63 34.9 25.1 37.7
154 58.6 44.8 67.2





#55

Dibenzofuran

Concen: 37.898 ng

RT: 15.298 min Scan# 2044

Delta R.T. 0.001 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

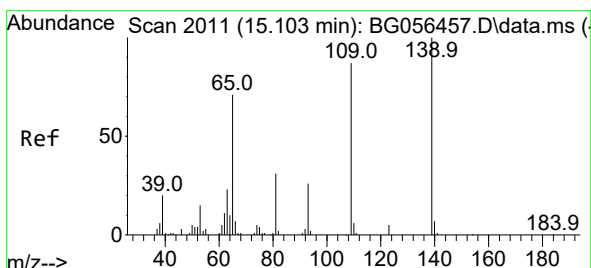
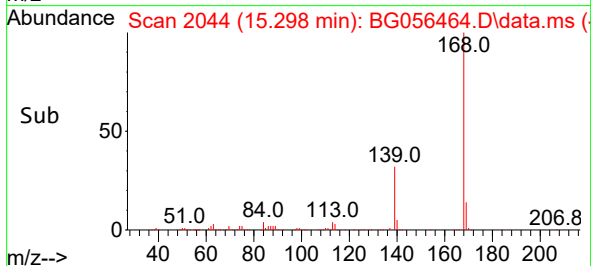
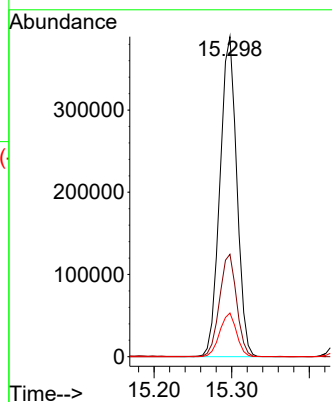
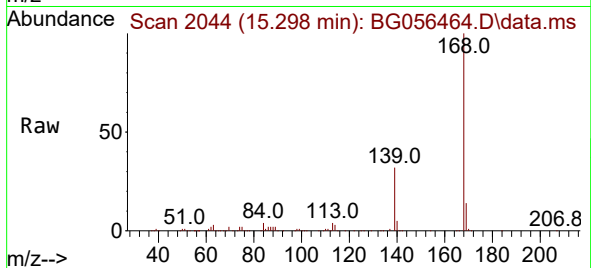
Tgt Ion:168 Resp: 588578

Ion Ratio Lower Upper

168 100

139 32.0 26.2 39.2

169 13.7 11.0 16.6



#56

4-Nitrophenol

Concen: 85.059 ng

RT: 15.110 min Scan# 2012

Delta R.T. 0.007 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

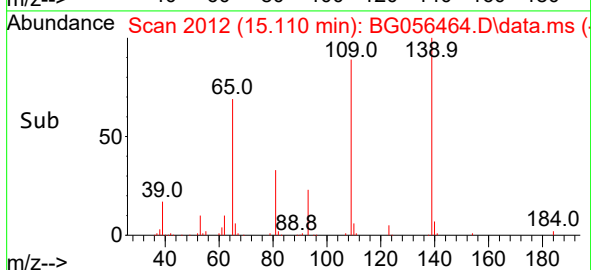
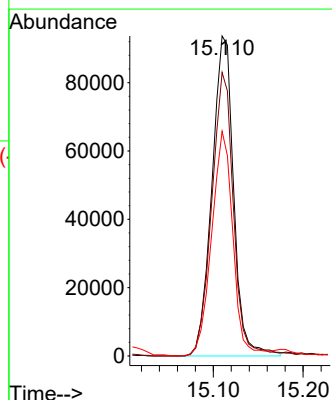
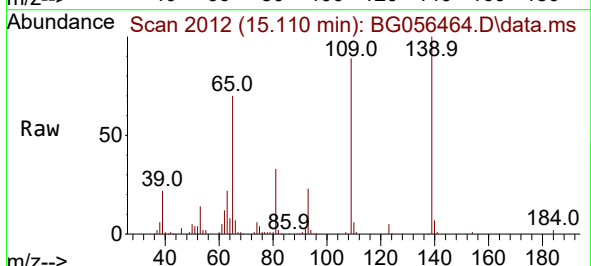
Tgt Ion:139 Resp: 157387

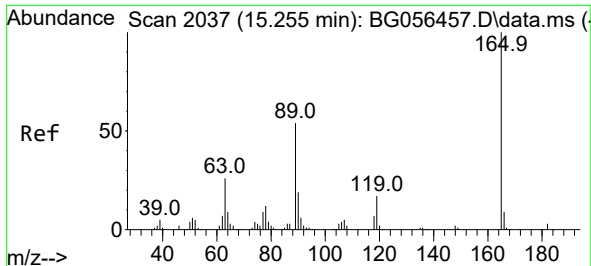
Ion Ratio Lower Upper

139 100

109 88.6 67.5 107.5

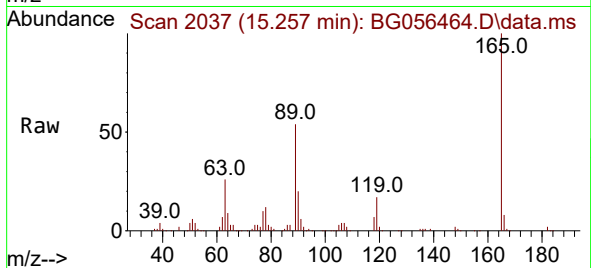
65 70.2 50.7 90.7



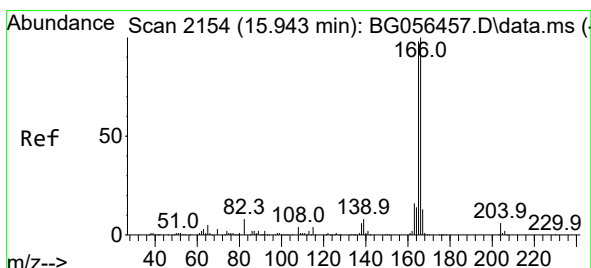
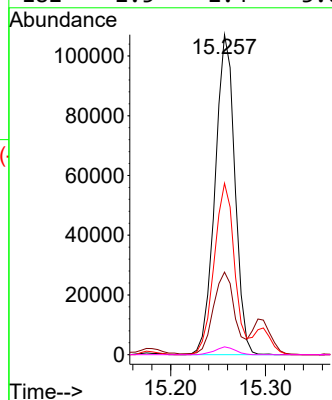
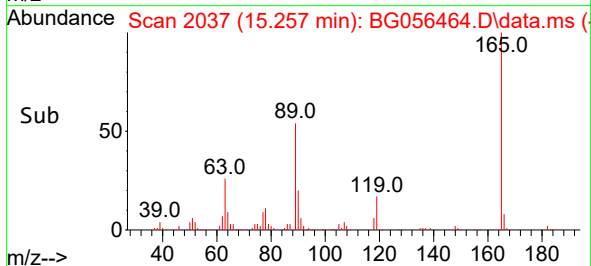


#57
2,4-Dinitrotoluene
Concen: 39.516 ng
RT: 15.257 min Scan# 2037
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

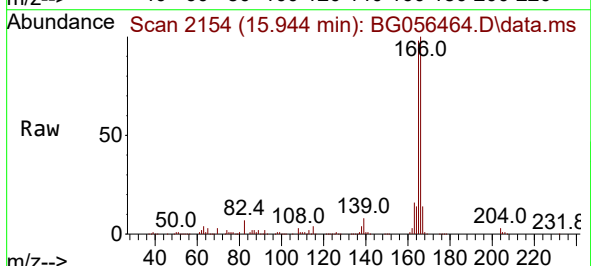
Instrument :
BNA_G
ClientSampleId :
PB150335BS



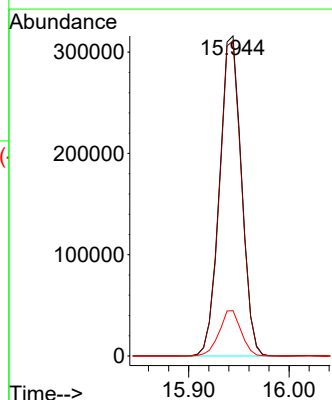
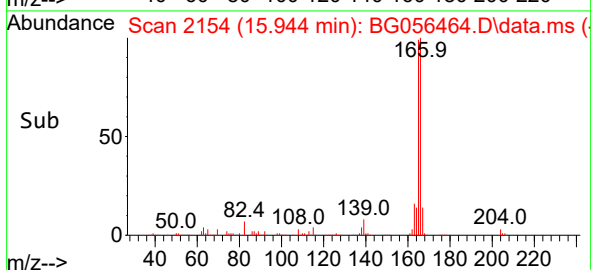
Tgt Ion:165 Resp: 155473
Ion Ratio Lower Upper
165 100
63 25.8 20.6 31.0
89 53.6 43.1 64.7
182 2.5 2.4 3.6

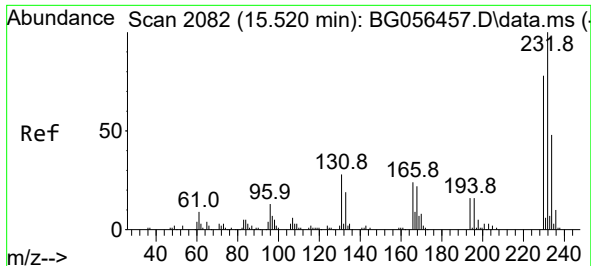


#58
Fluorene
Concen: 38.840 ng
RT: 15.944 min Scan# 2154
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion:166 Resp: 479978
Ion Ratio Lower Upper
166 100
165 98.4 78.8 118.2
167 14.2 10.6 15.8

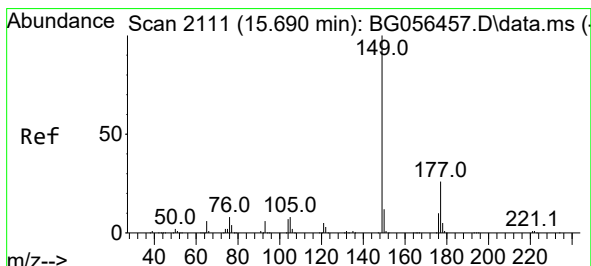
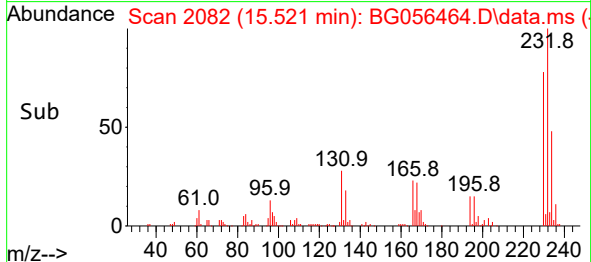
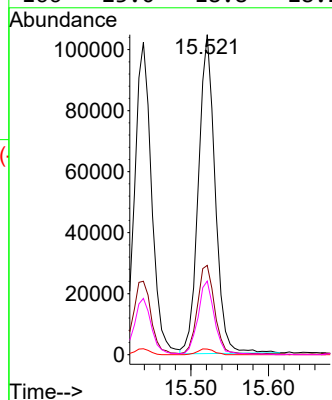
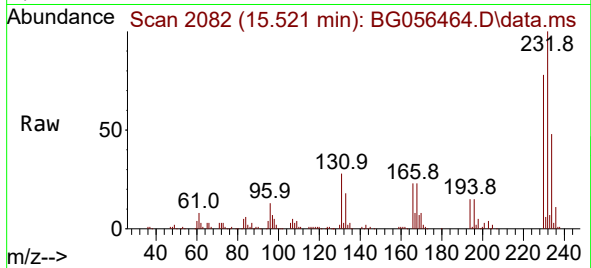




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.245 ng
RT: 15.521 min Scan# 2082
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

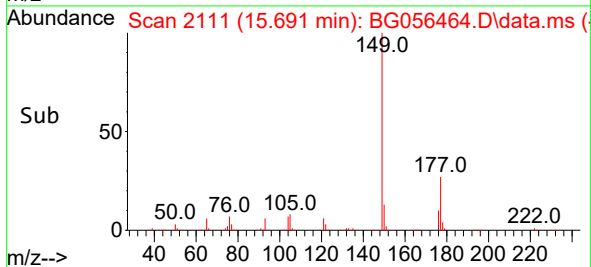
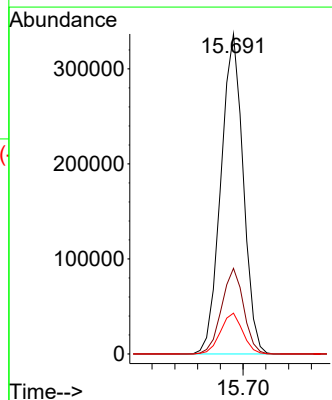
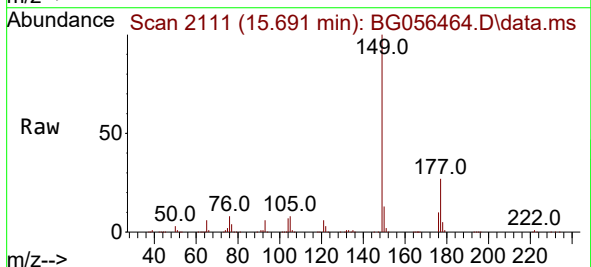
Instrument :
BNA_G
ClientSampleId :
PB150335BS

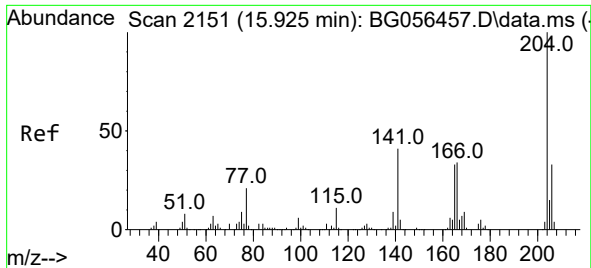
Tgt Ion:232 Resp: 156155
Ion Ratio Lower Upper
232 100
131 29.7 22.8 34.2
130 1.8 1.4 2.0
166 23.0 18.8 28.2



#60
Diethylphthalate
Concen: 38.065 ng
RT: 15.691 min Scan# 2111
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:149 Resp: 457819
Ion Ratio Lower Upper
149 100
177 26.8 21.0 31.4
150 12.7 9.9 14.9

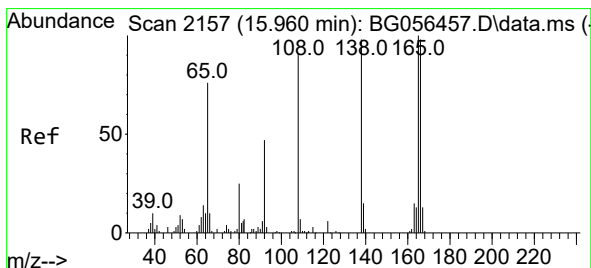
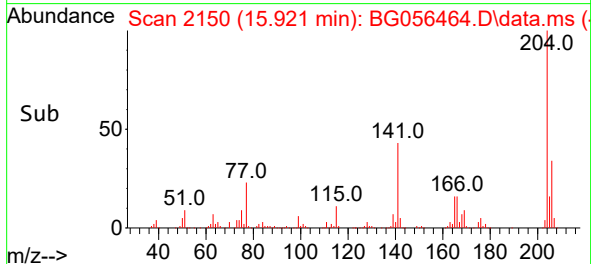
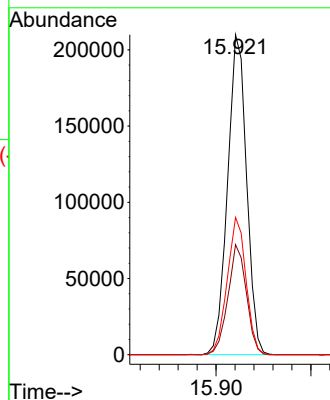
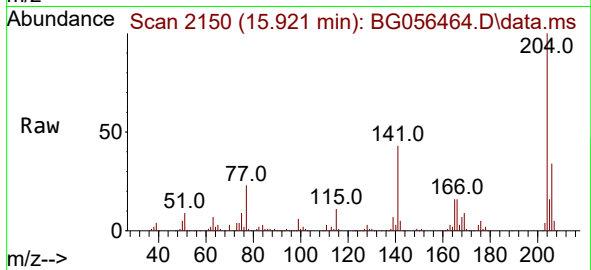




#61
4-Chlorophenyl-phenylether
Concen: 38.758 ng
RT: 15.921 min Scan# 2151
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

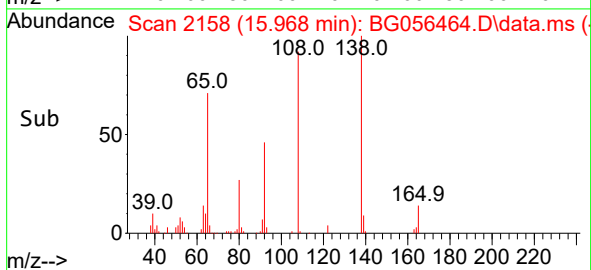
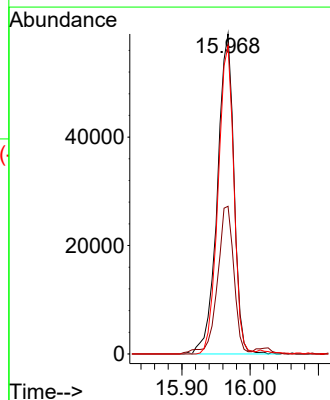
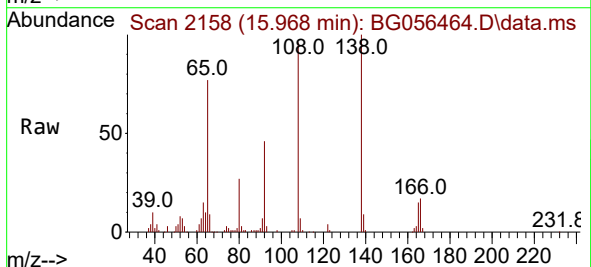
Instrument :
BNA_G
ClientSampleId :
PB150335BS

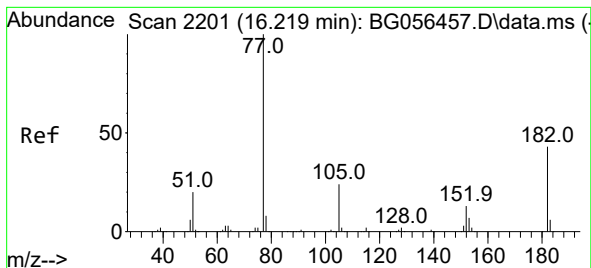
Tgt Ion:204 Resp: 292261
Ion Ratio Lower Upper
204 100
206 34.4 26.2 39.4
141 42.9 32.7 49.1



#62
4-Nitroaniline
Concen: 36.893 ng
RT: 15.968 min Scan# 2158
Delta R.T. 0.007 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:138 Resp: 99965
Ion Ratio Lower Upper
138 100
92 46.2 27.8 67.8
108 96.3 72.6 112.6





#63

Azobenzene

Concen: 38.285 ng

RT: 16.214 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

Tgt Ion: 77 Resp: 316837

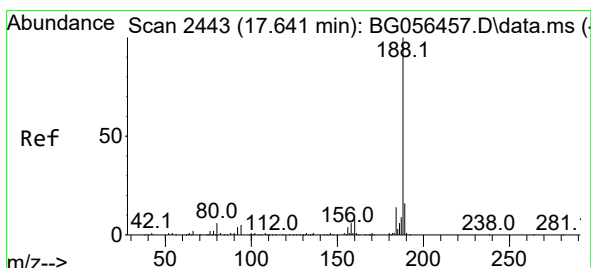
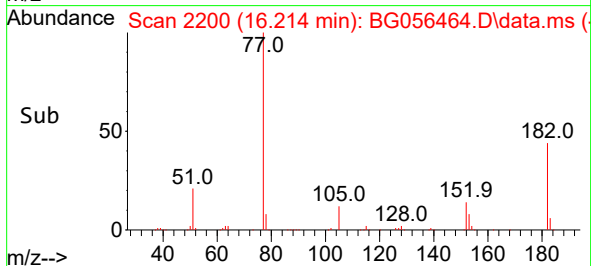
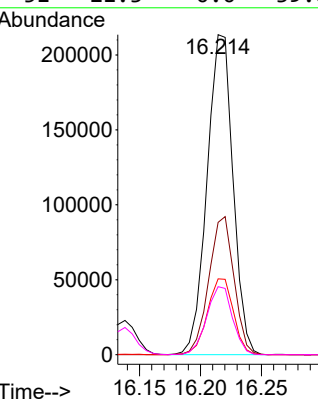
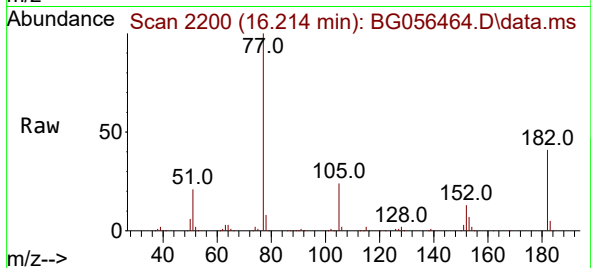
Ion Ratio Lower Upper

77 100

182 41.3 23.1 63.1

105 23.7 4.2 44.2

51 21.3 0.0 39.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.642 min Scan# 2443

Delta R.T. 0.001 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

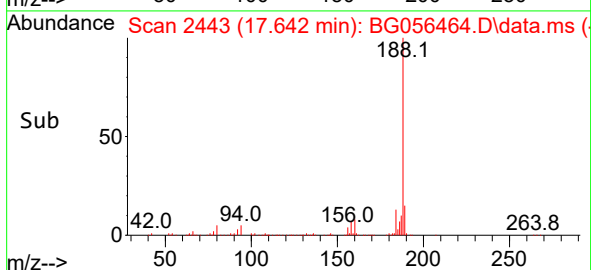
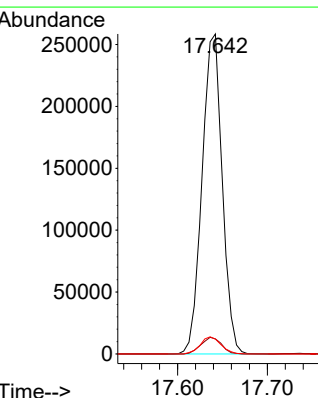
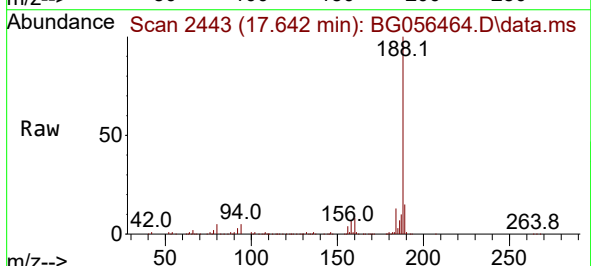
Tgt Ion:188 Resp: 402756

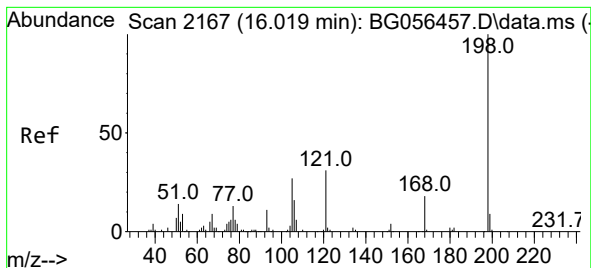
Ion Ratio Lower Upper

188 100

94 4.7 4.1 6.1

80 4.7 5.0 7.4#

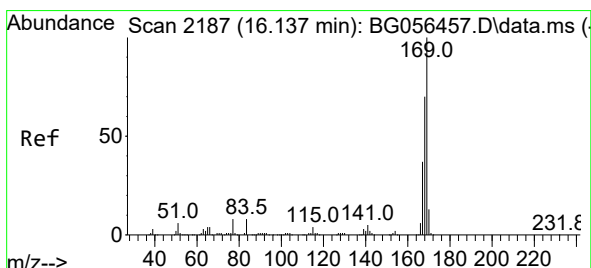
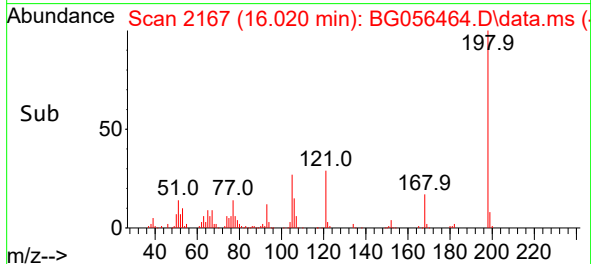
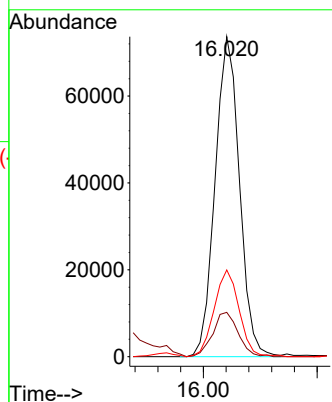
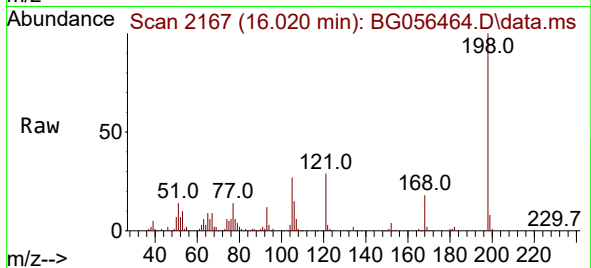




#65
4,6-Dinitro-2-methylphenol
Concen: 38.636 ng
RT: 16.020 min Scan# 2167
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

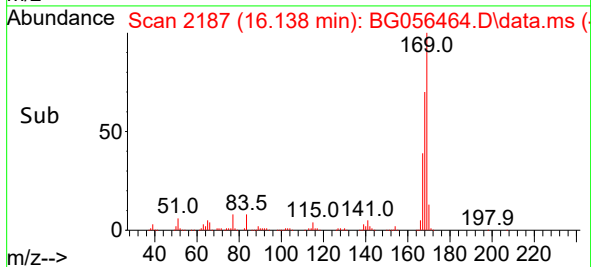
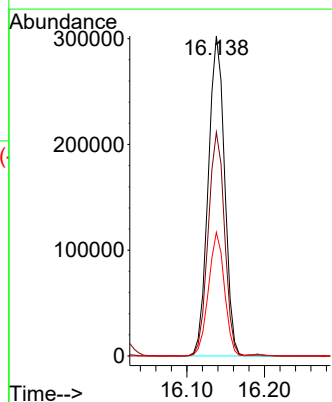
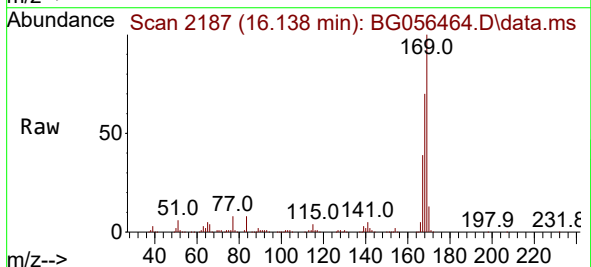
Instrument :
BNA_G
ClientSampleId :
PB150335BS

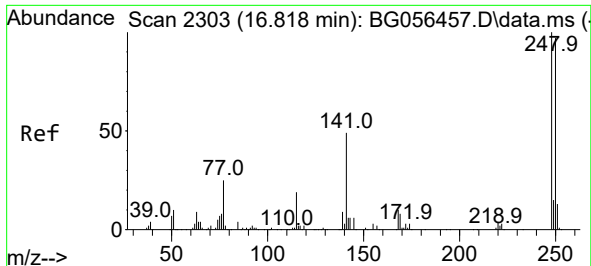
Tgt Ion:198 Resp: 109401
Ion Ratio Lower Upper
198 100
51 13.9 0.0 35.0
105 27.1 7.4 47.4



#66
n-Nitrosodiphenylamine
Concen: 38.829 ng
RT: 16.138 min Scan# 2187
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:169 Resp: 442779
Ion Ratio Lower Upper
169 100
168 69.9 55.8 83.6
167 38.7 29.8 44.8

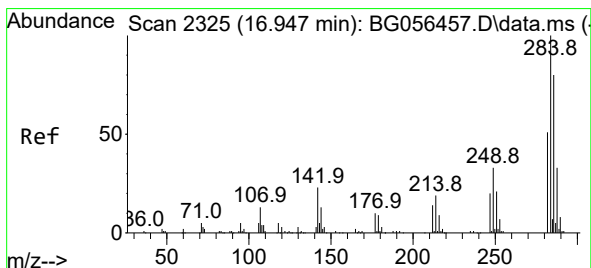
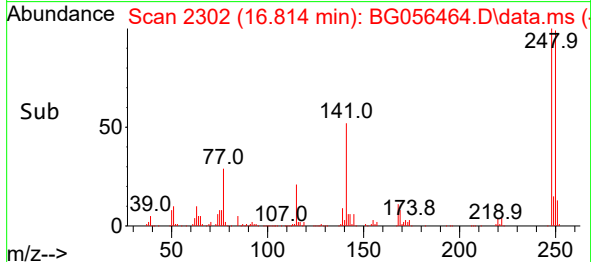
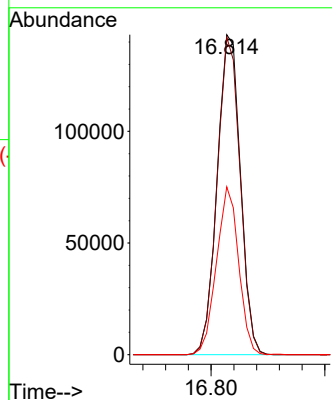
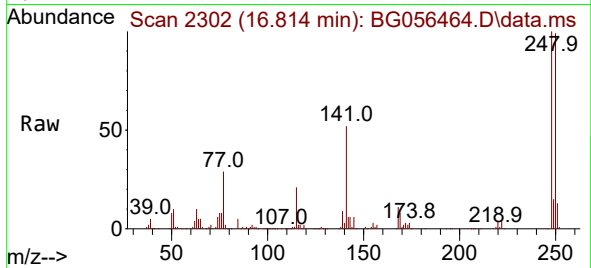




#67
4-Bromophenyl-phenylether
Concen: 39.652 ng
RT: 16.814 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

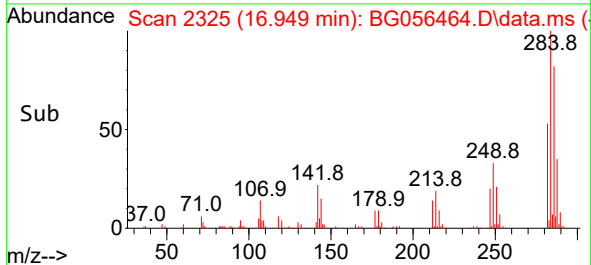
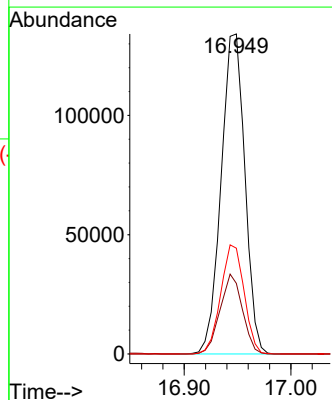
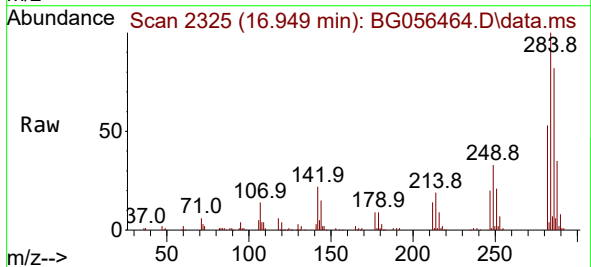
Instrument :
BNA_G
ClientSampleId :
PB150335BS

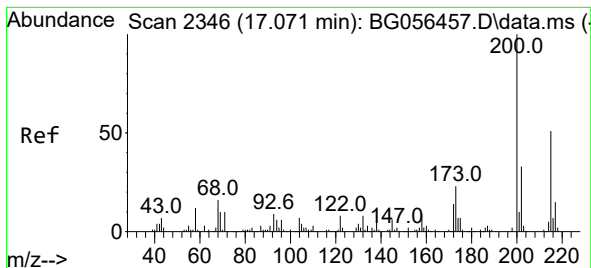
Tgt Ion:248 Resp: 204444
Ion Ratio Lower Upper
248 100
250 99.2 77.6 116.4
141 52.4 39.0 58.4



#68
Hexachlorobenzene
Concen: 41.094 ng
RT: 16.949 min Scan# 2325
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:284 Resp: 207522
Ion Ratio Lower Upper
284 100
142 22.1 18.0 27.0
249 33.0 26.7 40.1





#69

Atrazine

Concen: 40.952 ng

RT: 17.072 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

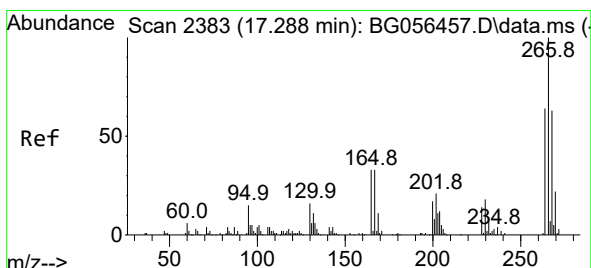
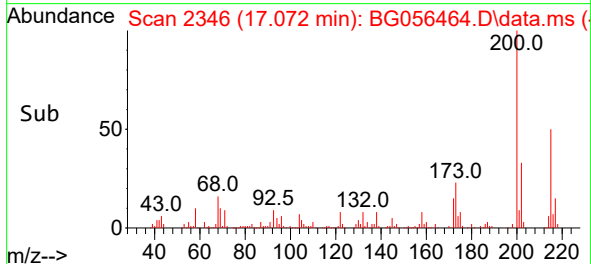
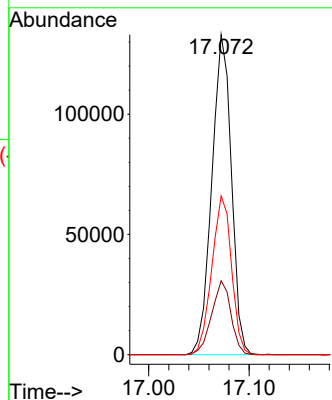
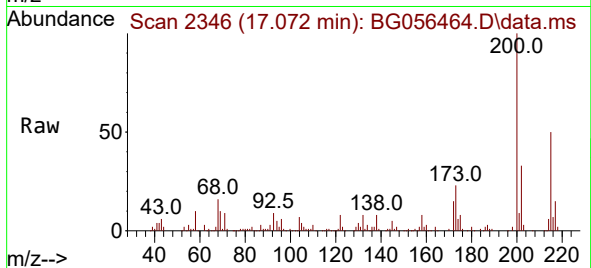
Tgt Ion:200 Resp: 180156

Ion Ratio Lower Upper

200 100

173 23.1 3.2 43.2

215 49.6 30.7 70.7



#70

Pentachlorophenol

Concen: 75.604 ng

RT: 17.290 min Scan# 2383

Delta R.T. 0.002 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

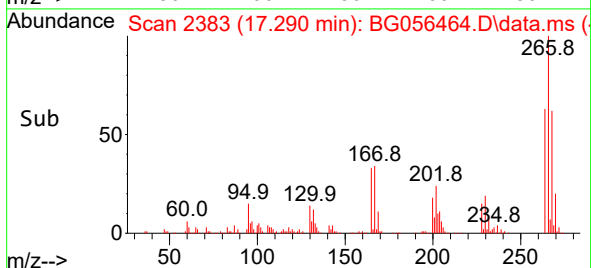
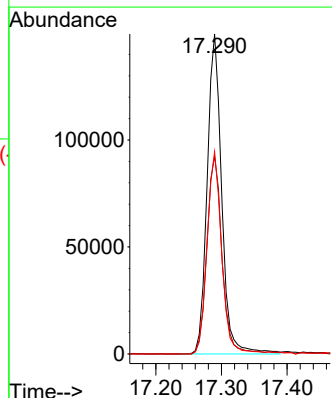
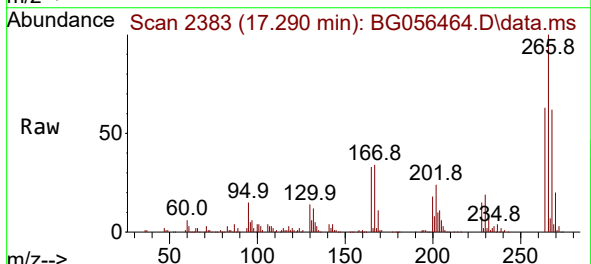
Tgt Ion:266 Resp: 231016

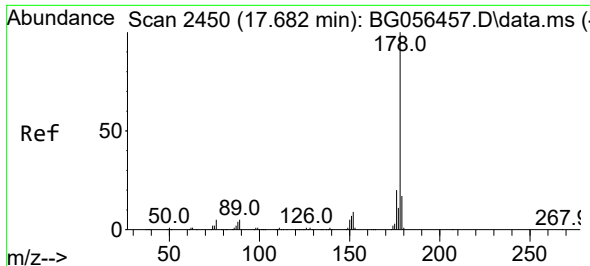
Ion Ratio Lower Upper

266 100

268 61.8 50.2 75.4

264 63.2 51.4 77.0

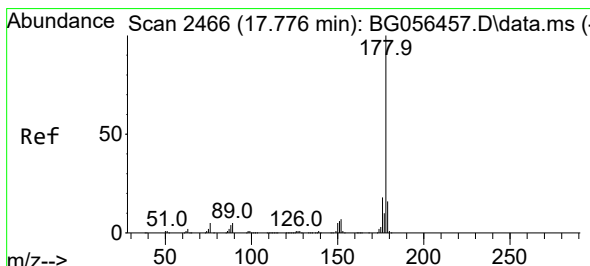
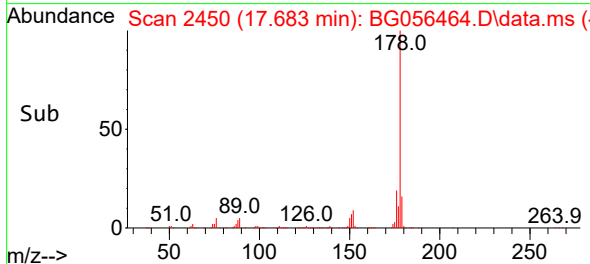
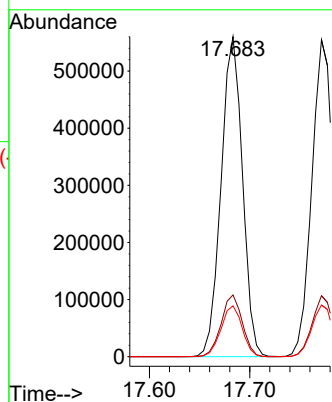
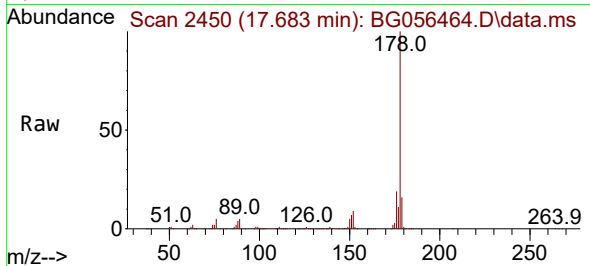




#71
Phenanthrene
Concen: 39.299 ng
RT: 17.683 min Scan# 2450
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

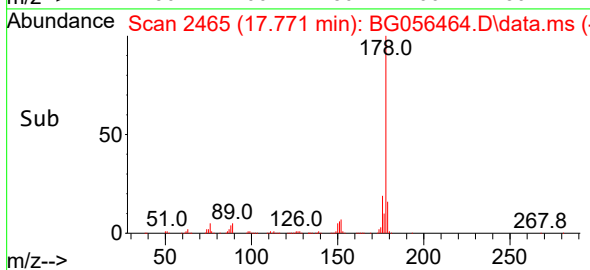
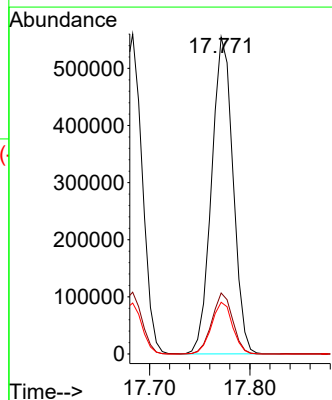
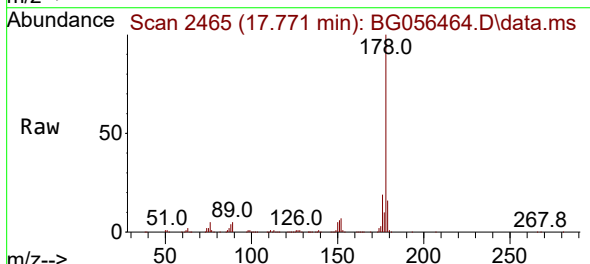
Instrument :
BNA_G
ClientSampleId :
PB150335BS

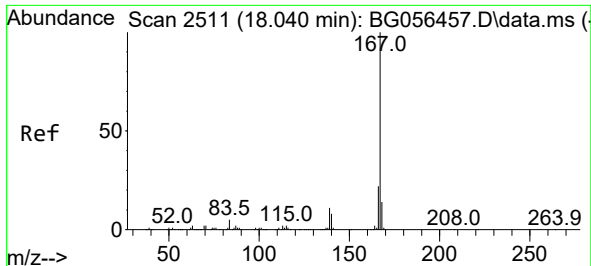
Tgt Ion:178 Resp: 828397
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.9 13.3 19.9



#72
Anthracene
Concen: 38.101 ng
RT: 17.771 min Scan# 2465
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:178 Resp: 824458
Ion Ratio Lower Upper
178 100
176 19.3 14.5 21.7
179 16.3 12.5 18.7

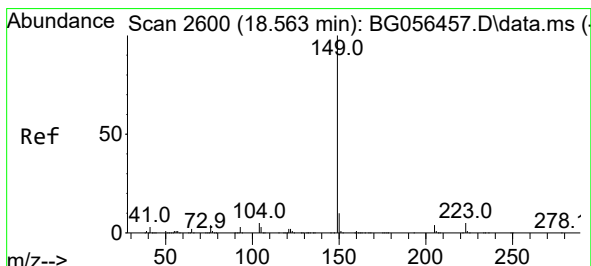
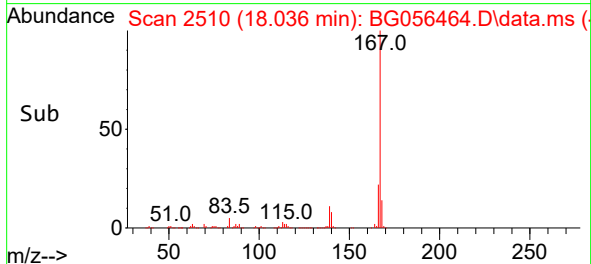
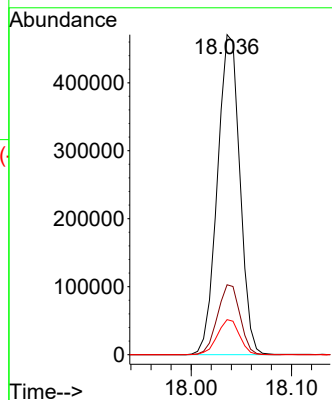
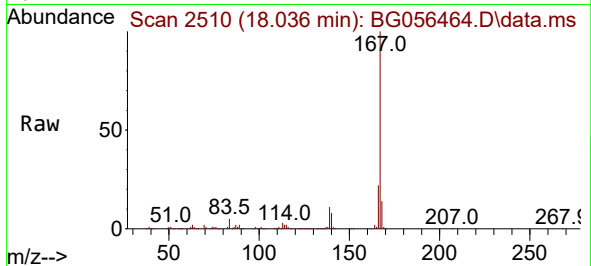




#73
 Carbazole
 Concen: 39.680 ng
 RT: 18.036 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056464.D
 Acq: 27 Jan 2023 21:12

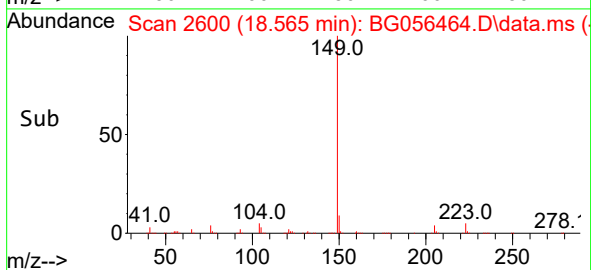
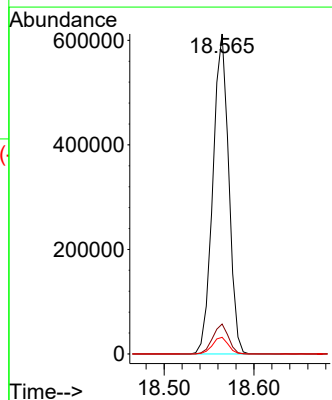
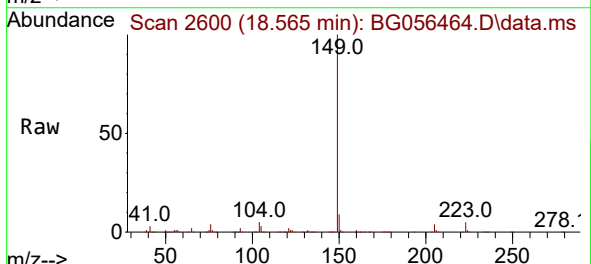
Instrument :
 BNA_G
 ClientSampleId :
 PB150335BS

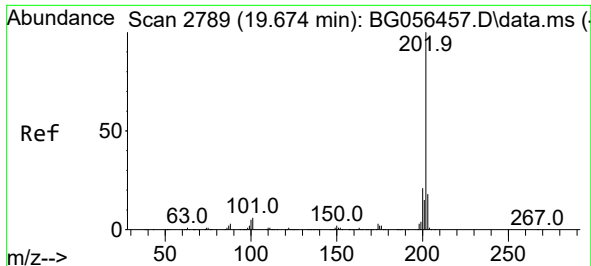
Tgt Ion:167 Resp: 731286
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 10.9 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 38.720 ng
 RT: 18.565 min Scan# 2600
 Delta R.T. 0.002 min
 Lab File: BG056464.D
 Acq: 27 Jan 2023 21:12

Tgt Ion:149 Resp: 749274
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 5.2 4.0 6.0

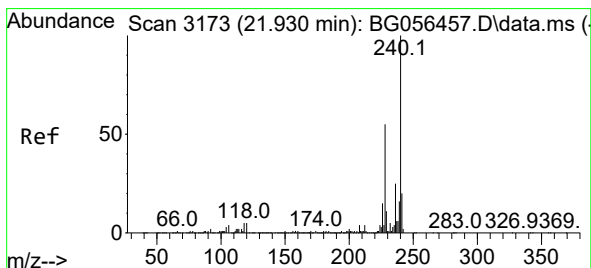
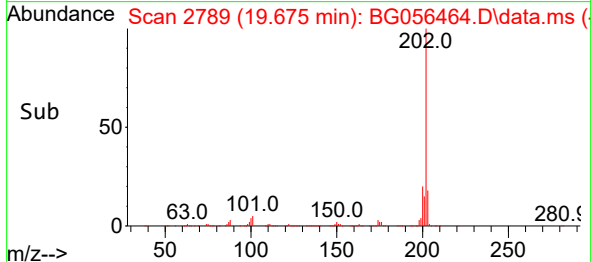
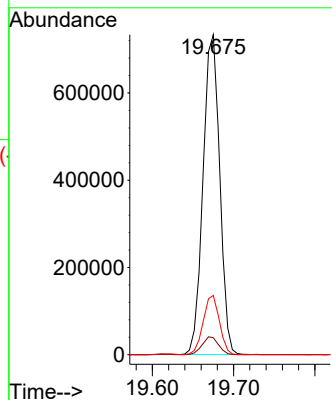
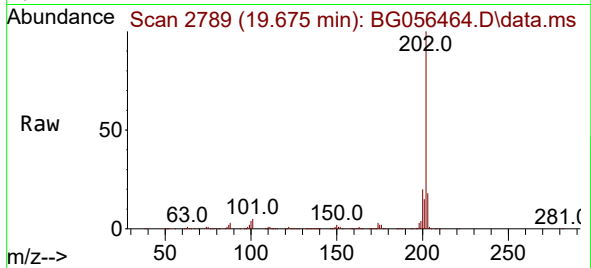




#75
Fluoranthene
Concen: 39.228 ng
RT: 19.675 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

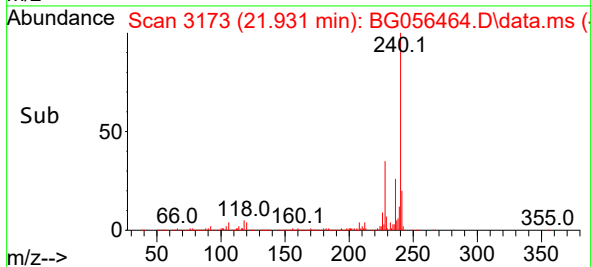
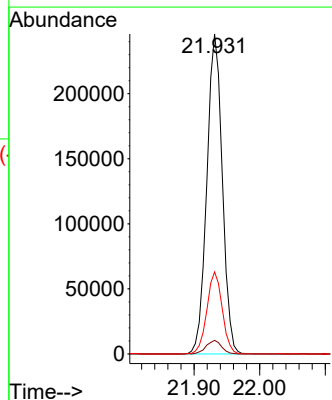
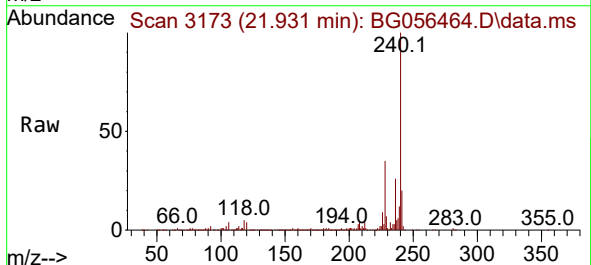
Instrument :
BNA_G
ClientSampleId :
PB150335BS

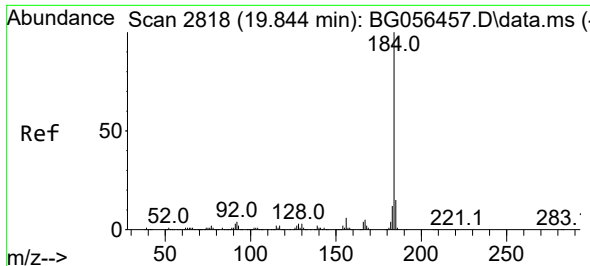
Tgt Ion:202 Resp: 1043653
Ion Ratio Lower Upper
202 100
101 5.3 0.0 25.6
203 18.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3173
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:240 Resp: 403407
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.8
236 25.6 20.2 30.2

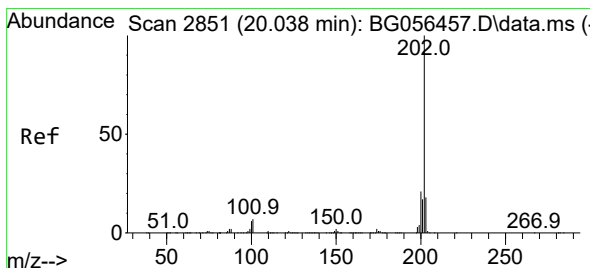
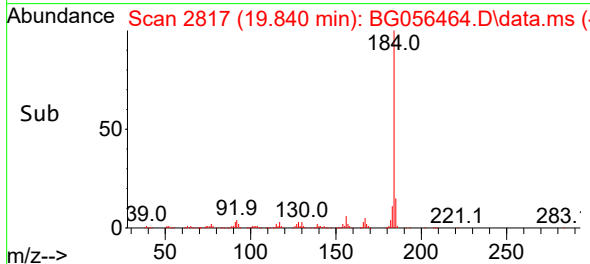
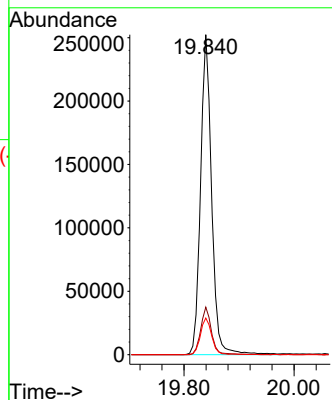
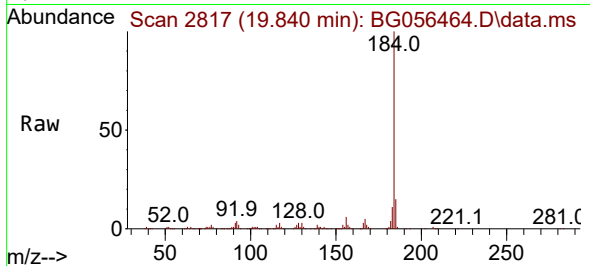




#77
Benzidine
Concen: 32.364 ng
RT: 19.840 min Scan# 2818
Delta R.T. -0.004 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

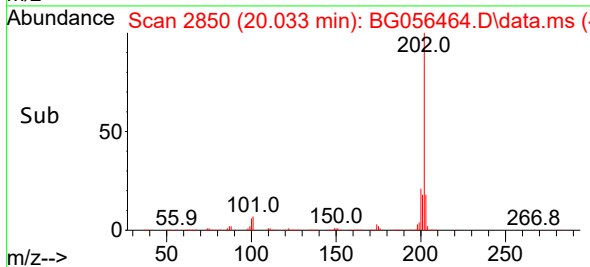
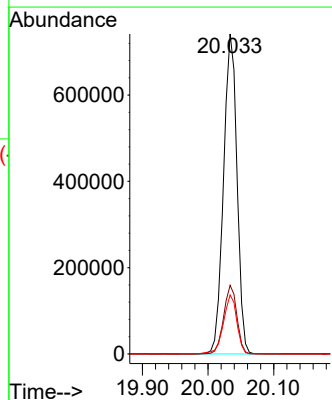
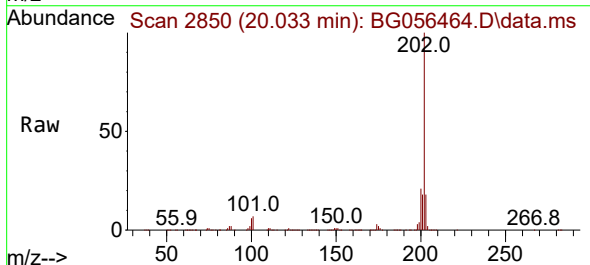
Instrument :
BNA_G
ClientSampleId :
PB150335BS

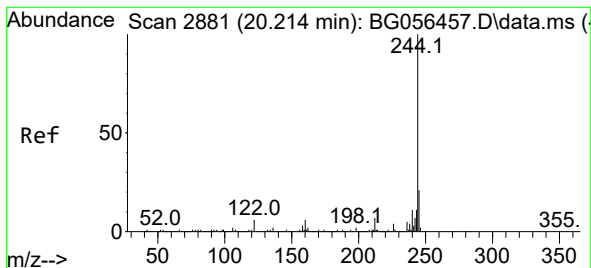
Tgt Ion:184 Resp: 353308
Ion Ratio Lower Upper
184 100
185 14.8 12.3 18.5
183 11.4 9.8 14.8



#78
Pyrene
Concen: 36.660 ng
RT: 20.033 min Scan# 2850
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:202 Resp: 1051826
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 18.4 14.4 21.6





#79

Terphenyl-d14

Concen: 76.770 ng

RT: 20.216 min Scan# 2

Delta R.T. 0.001 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

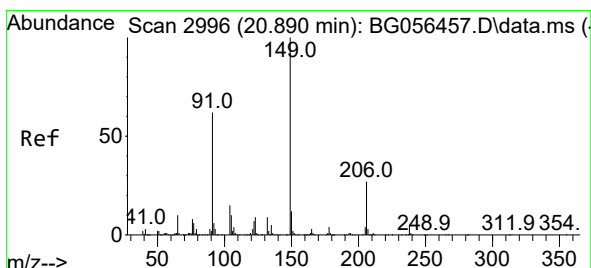
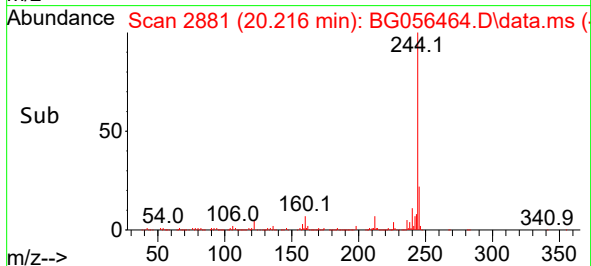
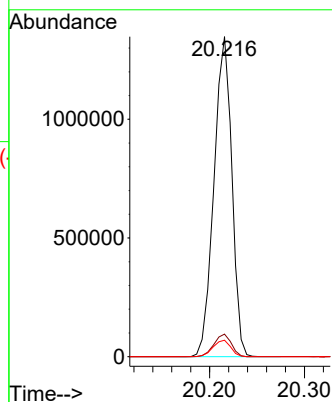
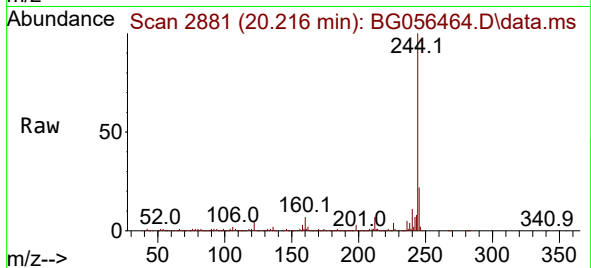
Tgt Ion:244 Resp: 1763268

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 5.2 4.4 6.6



#80

Butylbenzylphthalate

Concen: 36.737 ng

RT: 20.891 min Scan# 2996

Delta R.T. 0.001 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

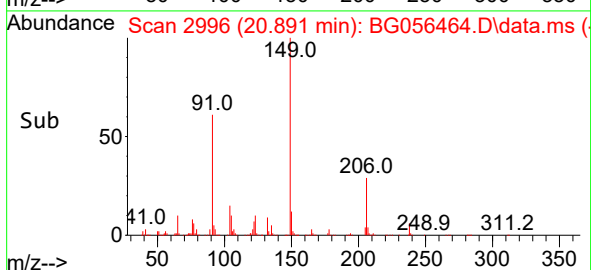
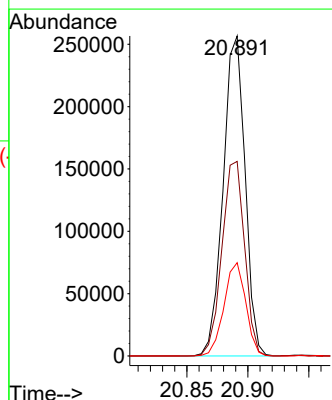
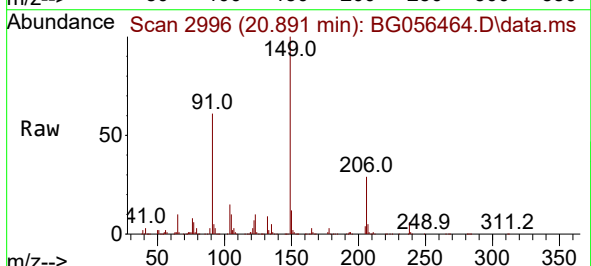
Tgt Ion:149 Resp: 321900

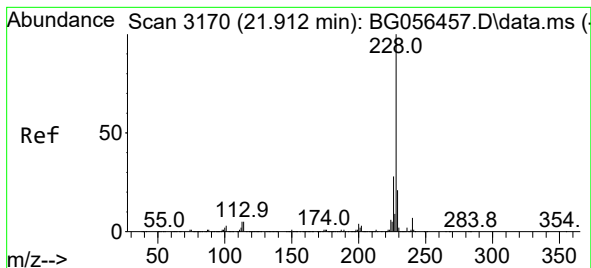
Ion Ratio Lower Upper

149 100

91 60.8 49.4 74.0

206 29.1 22.0 33.0





#81

Benzo(a)anthracene

Concen: 37.612 ng

RT: 21.908 min Scan# 3170

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

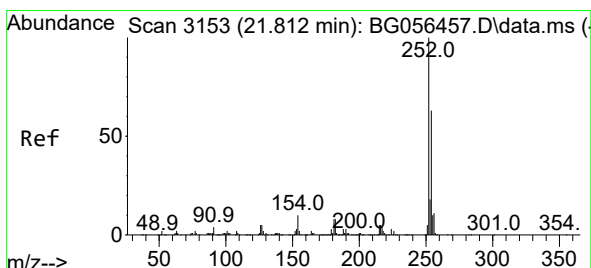
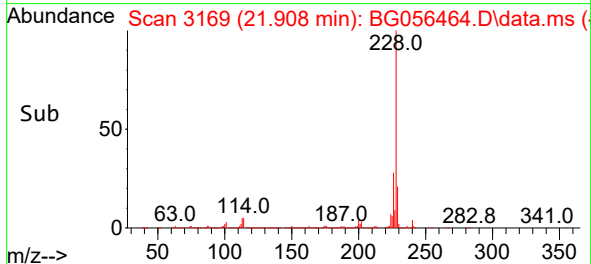
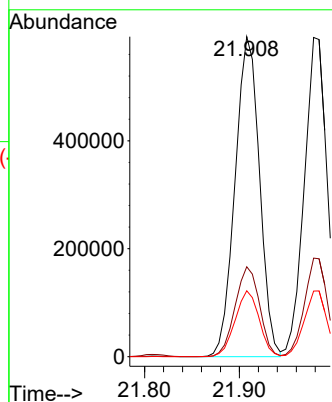
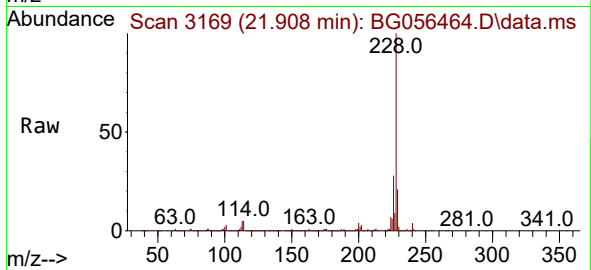
Tgt Ion:228 Resp: 1060770

Ion Ratio Lower Upper

228 100

226 28.1 22.4 33.6

229 20.6 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 37.593 ng

RT: 21.808 min Scan# 3152

Delta R.T. -0.004 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

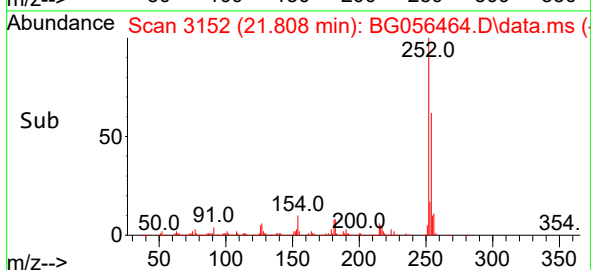
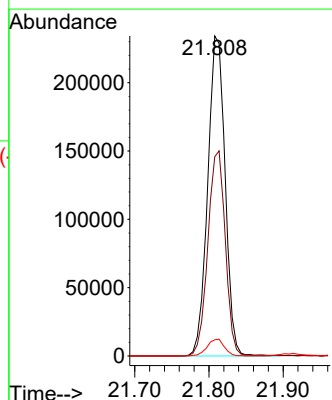
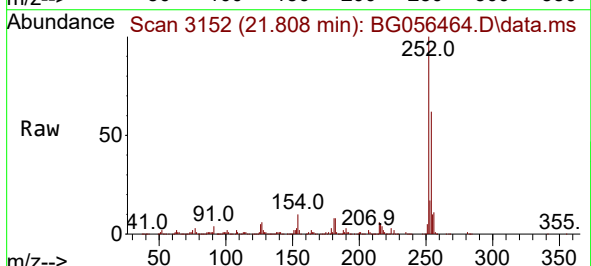
Tgt Ion:252 Resp: 381798

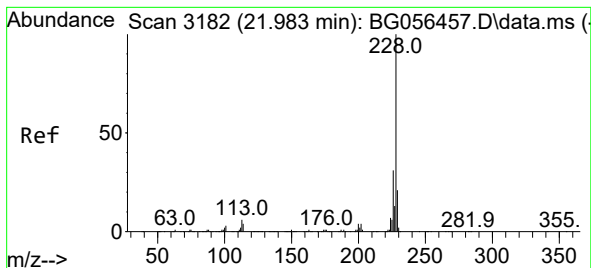
Ion Ratio Lower Upper

252 100

254 62.2 50.0 75.0

126 5.0 4.3 6.5





#83

Chrysene

Concen: 37.327 ng

RT: 21.978 min Scan# 3181

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

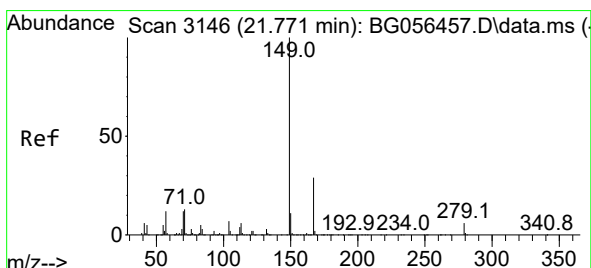
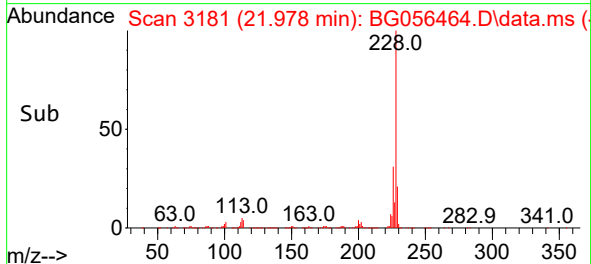
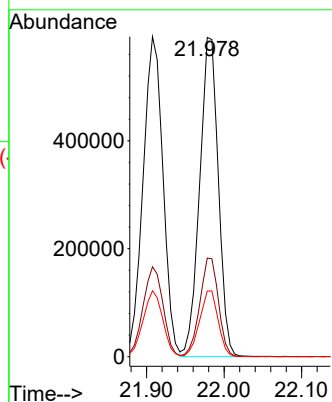
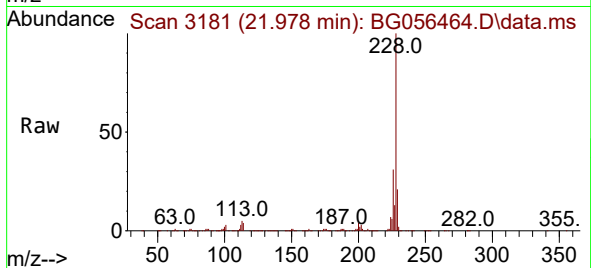
Tgt Ion:228 Resp: 989028

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

229 20.6 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.867 ng

RT: 21.767 min Scan# 3145

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

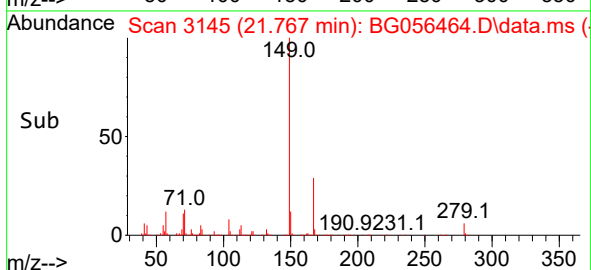
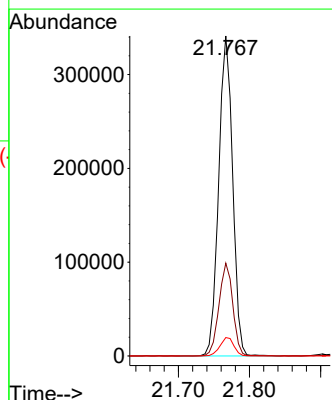
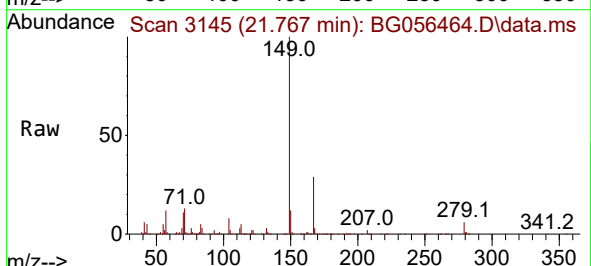
Tgt Ion:149 Resp: 463149

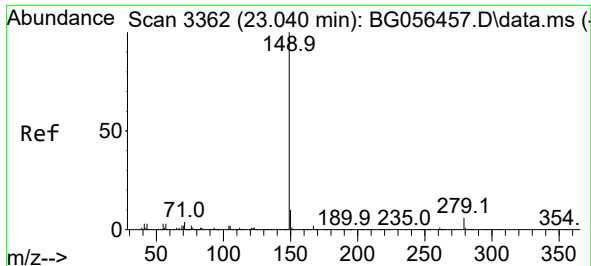
Ion Ratio Lower Upper

149 100

167 29.0 23.4 35.2

279 5.7 4.4 6.6

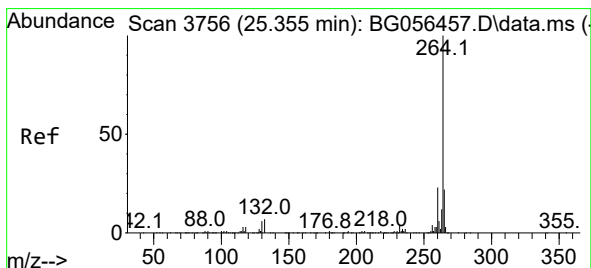
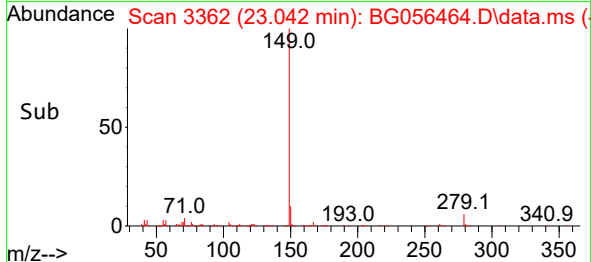
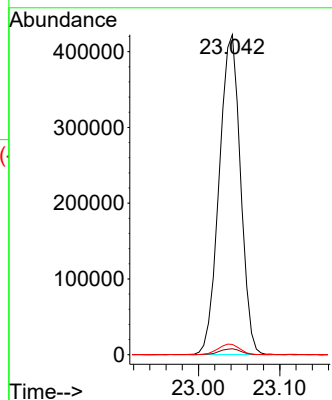
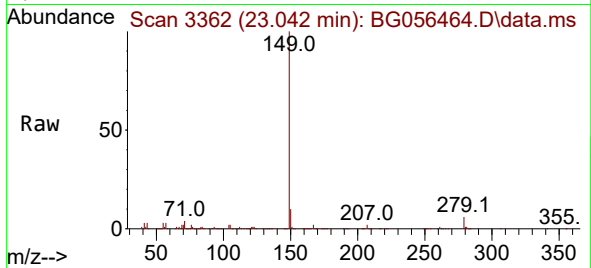




#85
Di-n-octyl phthalate
Concen: 36.719 ng
RT: 23.042 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

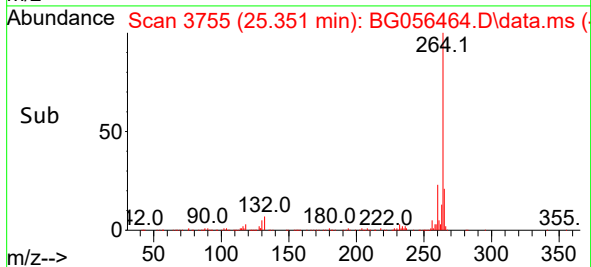
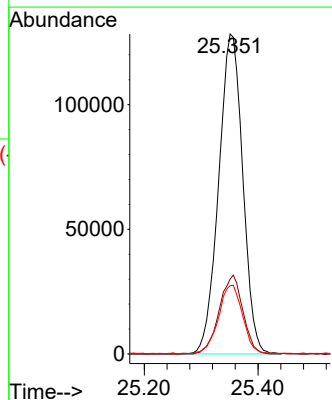
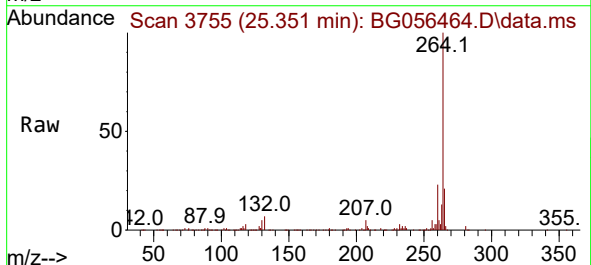
Instrument :
BNA_G
ClientSampleId :
PB150335BS

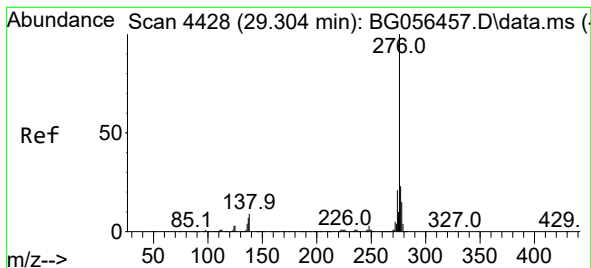
Tgt Ion:149 Resp: 768223
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 3.4 2.7 4.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.351 min Scan# 3755
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:264 Resp: 377476
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 21.3 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.497 ng

RT: 29.311 min Scan# 4429

Delta R.T. 0.007 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

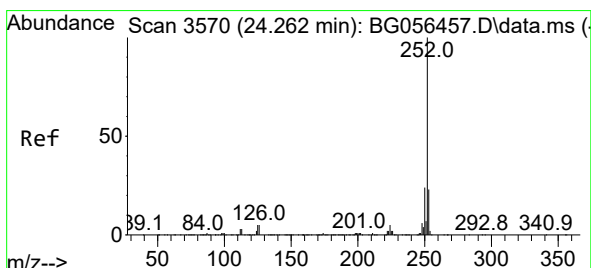
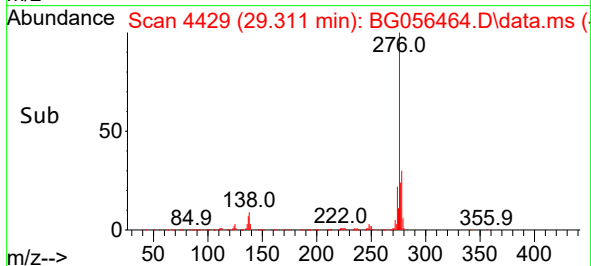
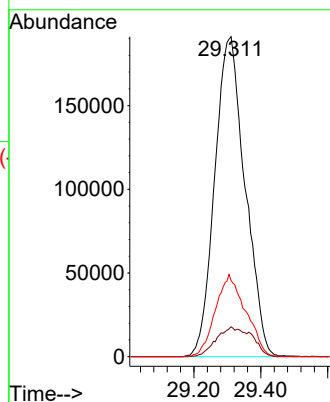
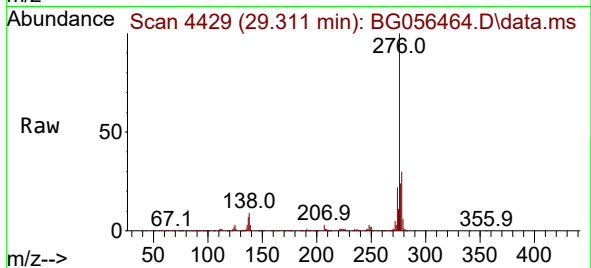
Tgt Ion:276 Resp: 1201910

Ion Ratio Lower Upper

276 100

138 10.9 9.4 14.2

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 48.477 ng

RT: 24.264 min Scan# 3570

Delta R.T. 0.001 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

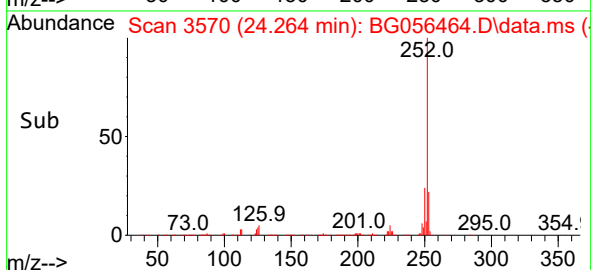
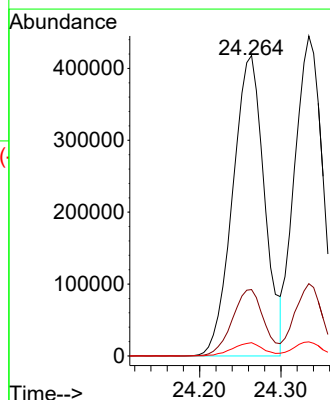
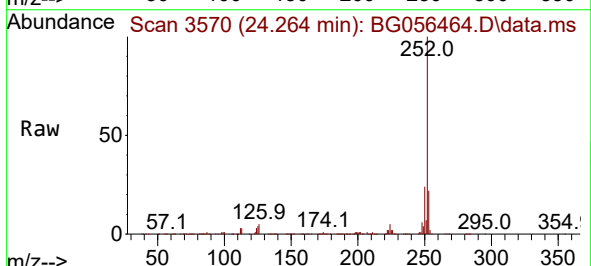
Tgt Ion:252 Resp: 1135789

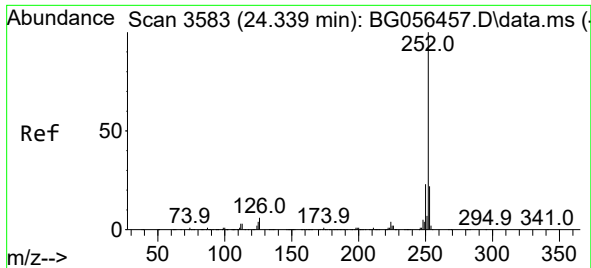
Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 4.4 3.9 5.9

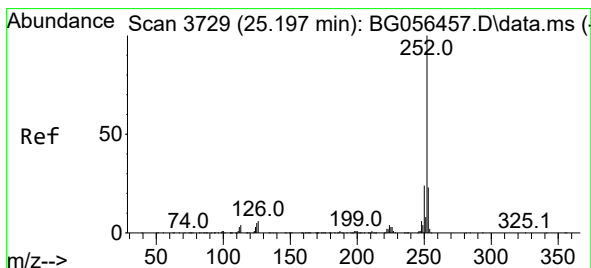
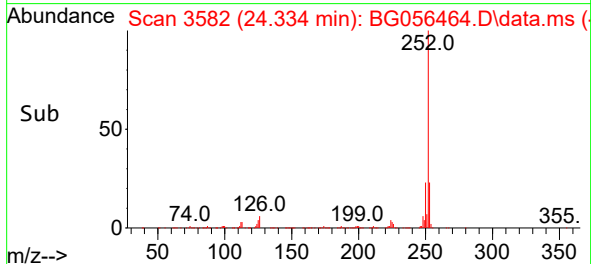
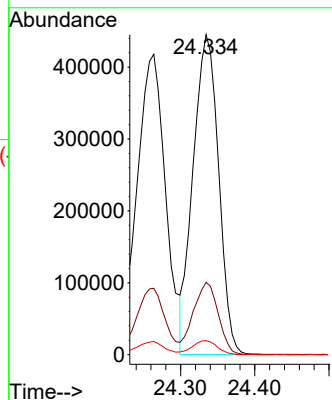
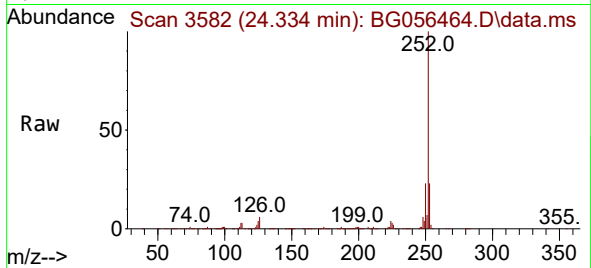




#89
Benzo(k)fluoranthene
Concen: 44.914 ng
RT: 24.334 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

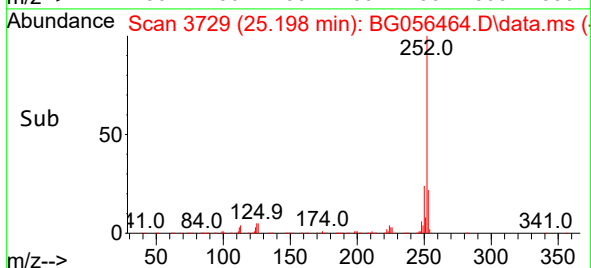
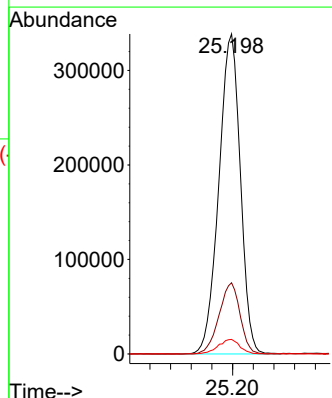
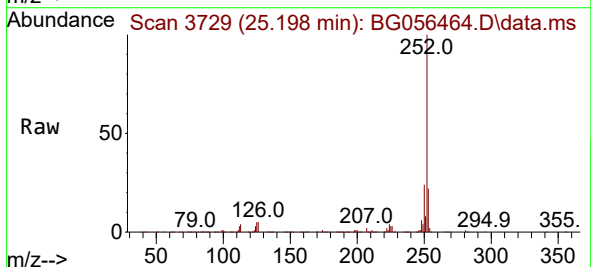
Instrument :
BNA_G
ClientSampleId :
PB150335BS

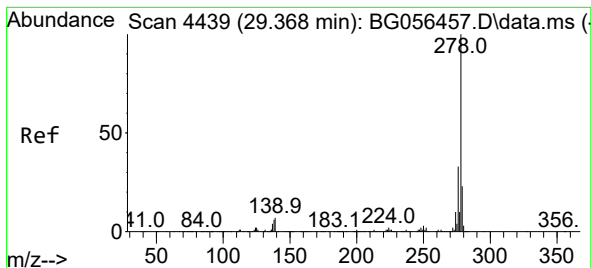
Tgt Ion:252 Resp: 1062461
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 4.4 3.4 5.0



#90
Benzo(a)pyrene
Concen: 42.232 ng
RT: 25.198 min Scan# 3729
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:252 Resp: 974695
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 4.5 4.1 6.1





#91

Dibenzo(a,h)anthracene

Concen: 45.952 ng

RT: 29.364 min Scan# 4439

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

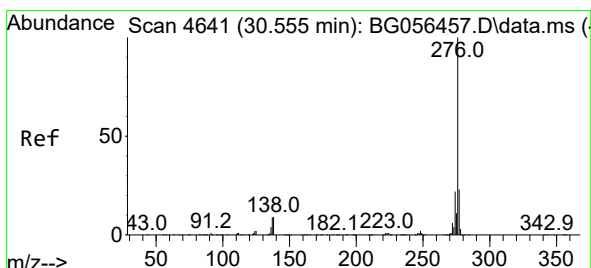
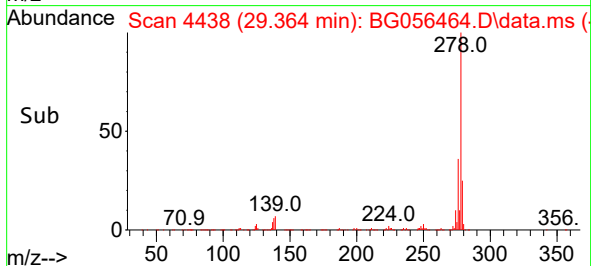
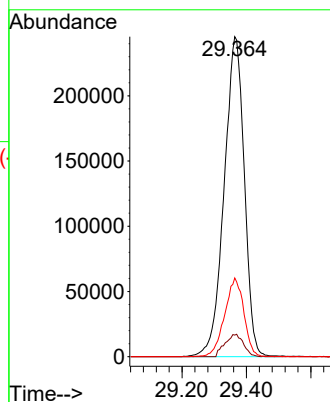
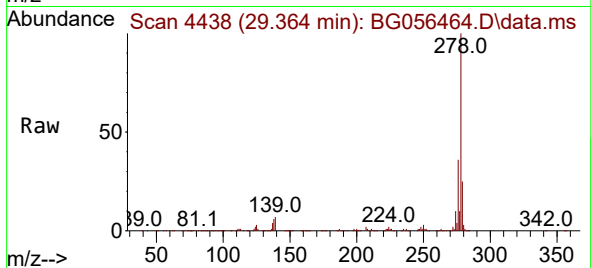
Tgt Ion:278 Resp: 1065815

Ion Ratio Lower Upper

278 100

139 6.7 5.5 8.3

279 24.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 46.138 ng

RT: 30.551 min Scan# 4640

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Tgt Ion:276 Resp: 1032562

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 9.1 7.4 11.0

