

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055931.D
 Acq On : 8 Dec 2022 17:24
 Operator : CG/JU
 Sample : N5897-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITEMSD

Quant Time: Dec 09 08:10:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 07:57:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	24204	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	104953	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	84289	20.000	ng	0.00
64) Phenanthrene-d10	17.523	188	223277	20.000	ng	0.00
76) Chrysene-d12	21.801	240	199710	20.000	ng	0.00
86) Perylene-d12	25.126	264	222620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	214062	159.858	ng	0.00
7) Phenol-d6	7.306	99	276570	155.157	ng	0.00
23) Nitrobenzene-d5	9.321	82	189105	95.234	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	180673	152.223	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	496742	88.289	ng	0.00
79) Terphenyl-d14	20.109	244	1000512	100.203	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.475	88	24992	43.673	ng	# 40
3) Pyridine	3.904	79	57992	33.034	ng	99
4) n-Nitrosodimethylamine	3.804	42	45610	49.072	ng	100
6) Aniline	7.459	93	50367	22.496	ng	97
8) 2-Chlorophenol	7.706	128	81872	53.483	ng	96
9) Benzaldehyde	7.271	77	24569	20.295	ng	96
10) Phenol	7.330	94	99598	49.902	ng	97
11) bis(2-Chloroethyl)ether	7.547	93	74265	48.554	ng	98
12) 1,3-Dichlorobenzene	8.029	146	84776	47.103	ng	98
13) 1,4-Dichlorobenzene	8.176	146	86547	47.588	ng	99
14) 1,2-Dichlorobenzene	8.499	146	83358	47.830	ng	97
15) Benzyl Alcohol	8.381	79	84150	58.087	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.669	45	139108	50.239	ng	98
17) 2-Methylphenol	8.593	107	76945	54.301	ng	99
18) Hexachloroethane	9.233	117	29670	47.399	ng	96
19) n-Nitroso-di-n-propyla...	8.951	70	68716	50.173	ng	98
20) 3+4-Methylphenols	8.922	107	105319	53.206	ng	99
22) Acetophenone	8.975	105	132093	48.435	ng	# 97
24) Nitrobenzene	9.362	77	99055	47.758	ng	98
25) Isophorone	9.879	82	200674	53.337	ng	98
26) 2-Nitrophenol	10.079	139	50098	52.323	ng	95
27) 2,4-Dimethylphenol	10.132	122	87227	59.858	ng	100
28) bis(2-Chloroethoxy)met...	10.355	93	108624	53.779	ng	99
29) 2,4-Dichlorophenol	10.626	162	93000	53.320	ng	99
30) 1,2,4-Trichlorobenzene	10.831	180	89778	44.305	ng	99
31) Naphthalene	11.019	128	258633	45.585	ng	99
32) Benzoic acid	10.326	122	31775	26.503	ng	96
33) 4-Chloroaniline	11.137	127	26577	11.356	ng	98
34) Hexachlorobutadiene	11.295	225	58931	42.590	ng	96
35) Caprolactam	11.906	113	16965	28.107	ng	98
36) 4-Chloro-3-methylphenol	12.253	107	109192	56.959	ng	97
37) 2-Methylnaphthalene	12.617	142	202896	47.762	ng	98
38) 1-Methylnaphthalene	12.835	142	193160	46.838	ng	100
40) 1,2,4,5-Tetrachloroben...	12.982	216	118505	44.739	ng	100
41) Hexachlorocyclopentadiene	12.952	237	56007	41.952	ng	98
43) 2,4,6-Trichlorophenol	13.223	196	83149	46.018	ng	98

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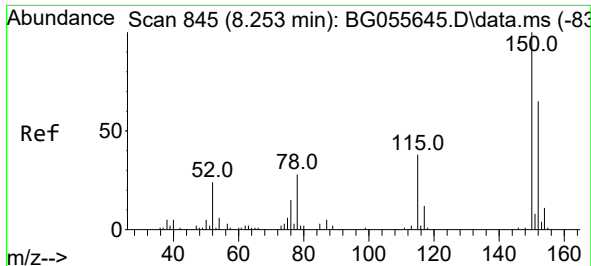
Quant Time: Dec 09 08:10:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.311	196	93067	46.871	ng	98
46) 1,1'-Biphenyl	13.610	154	288209	46.922	ng	100
47) 2-Chloronaphthalene	13.663	162	217762	45.612	ng	99
48) 2-Nitroaniline	13.863	65	82757	52.724	ng	98
49) Acenaphthylene	14.503	152	376024	47.830	ng	99
50) Dimethylphthalate	14.221	163	333658	49.658	ng	99
51) 2,6-Dinitrotoluene	14.351	165	71348	51.932	ng	95
52) Acenaphthene	14.844	154	223388	43.476	ng	97
53) 3-Nitroaniline	14.686	138	21135	14.014	ng	100
54) 2,4-Dinitrophenol	14.909	184	77316	97.879	ng	99
55) Dibenzofuran	15.173	168	379881	47.925	ng	98
56) 4-Nitrophenol	15.015	139	93867	79.300	ng	97
57) 2,4-Dinitrotoluene	15.144	165	105503	54.467	ng	98
58) Fluorene	15.820	166	309019	48.812	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.408	232	82851	43.062	ng	99
60) Diethylphthalate	15.573	149	340598	50.137	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	168744	48.489	ng	96
62) 4-Nitroaniline	15.849	138	67209	42.631	ng	94
63) Azobenzene	16.102	77	294409	49.641	ng	99
65) 4,6-Dinitro-2-methylph...	15.914	198	58681	47.067	ng	99
66) n-Nitrosodiphenylamine	16.019	169	282635	45.932	ng	99
67) 4-Bromophenyl-phenylether	16.701	248	115180	45.275	ng	98
68) Hexachlorobenzene	16.830	284	128228	45.457	ng	98
69) Atrazine	16.959	200	106997	43.966	ng	99
70) Pentachlorophenol	17.183	266	100637	58.320	ng	95
71) Phenanthrene	17.565	178	537887	44.642	ng	99
72) Anthracene	17.653	178	546100	46.647	ng	99
73) Carbazole	17.923	167	492324	46.779	ng	99
74) Di-n-butylphthalate	18.452	149	596517	45.646	ng	99
75) Fluoranthene	19.562	202	639773	43.645	ng	99
77) Benzidine	19.756	184	25738	5.571	ng	99
78) Pyrene	19.927	202	649706	48.062	ng	99
80) Butylbenzylphthalate	20.784	149	256343	48.440	ng	99
81) Benzo(a)anthracene	21.777	228	641813	46.660	ng	100
82) 3,3'-Dichlorobenzidine	21.683	252	96250	19.914	ng	98
83) Chrysene	21.848	228	601427	45.928	ng	99
84) Bis(2-ethylhexyl)phtha...	21.648	149	368546	48.459	ng	100
85) Di-n-octyl phthalate	22.882	149	625370	48.049	ng	99
87) Indeno(1,2,3-cd)pyrene	28.975	276	756809	41.497	ng	# 95
88) Benzo(b)fluoranthene	24.069	252	675322	46.580	ng	100
89) Benzo(k)fluoranthene	24.139	252	645001	44.631	ng	100
90) Benzo(a)pyrene	24.979	252	590169	47.436	ng	99
91) Dibenzo(a,h)anthracene	29.028	278	642987	43.144	ng	99
92) Benzo(g,h,i)perylene	30.191	276	626902	41.736	ng	99

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

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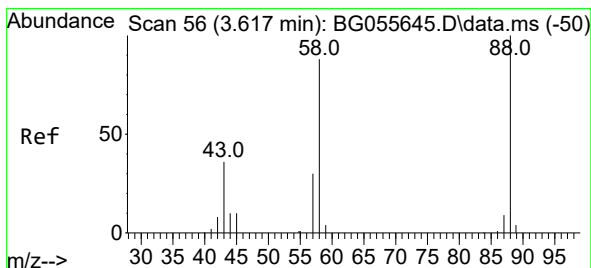
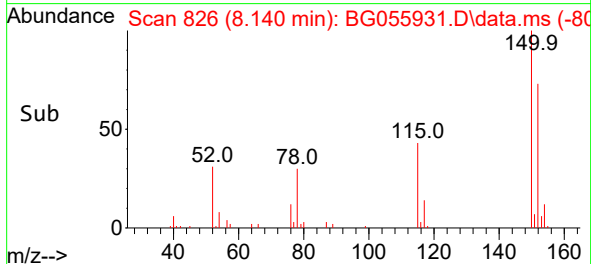
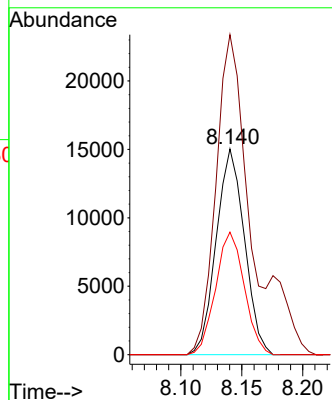
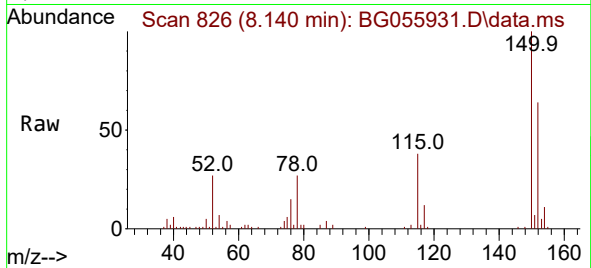




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

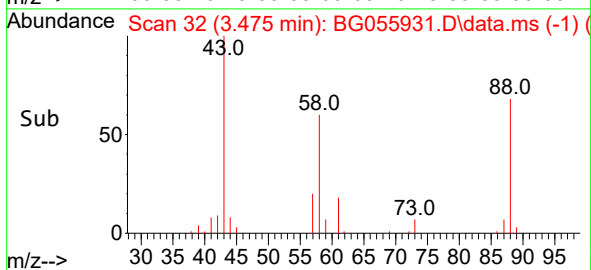
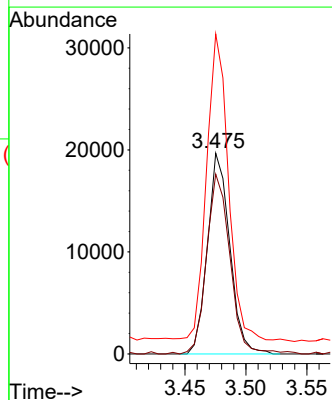
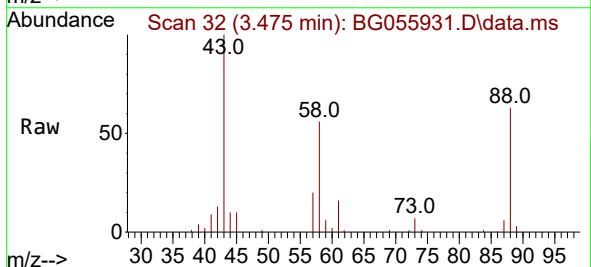
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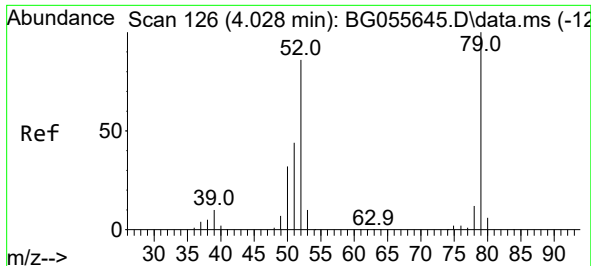
Tgt Ion:152 Resp: 24204
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.6
115 59.6 47.0 70.4



#2
1,4-Dioxane
Concen: 43.673 ng
RT: 3.475 min Scan# 32
Delta R.T. 0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion: 88 Resp: 24992
Ion Ratio Lower Upper
88 100
58 94.2 71.3 106.9
43 150.9 28.6 43.0#

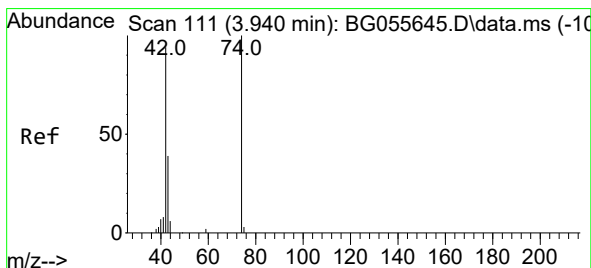
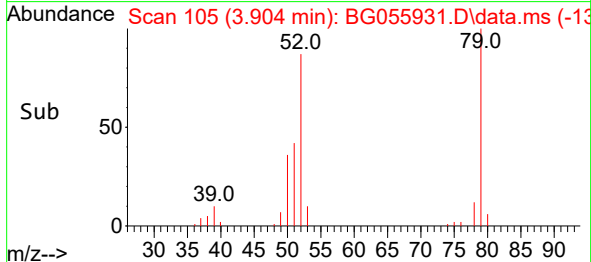
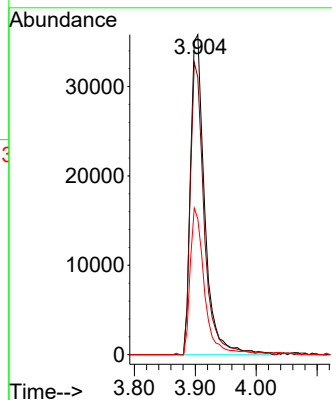
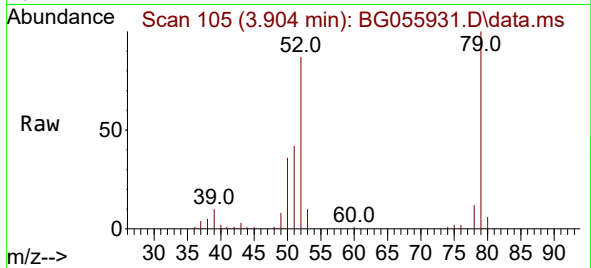




#3
Pyridine
Concen: 33.034 ng
RT: 3.904 min Scan# 105
Delta R.T. 0.012 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

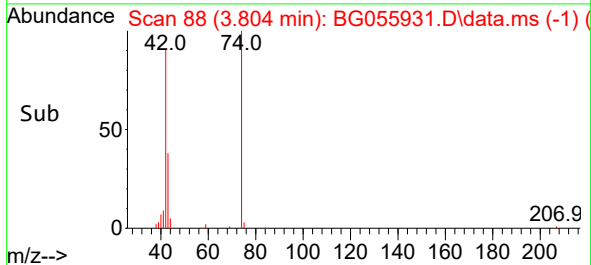
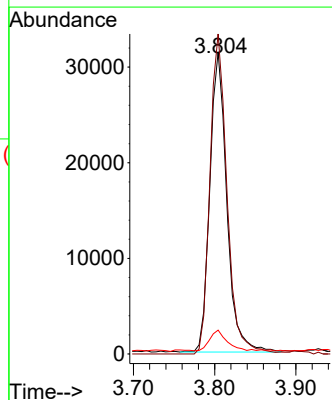
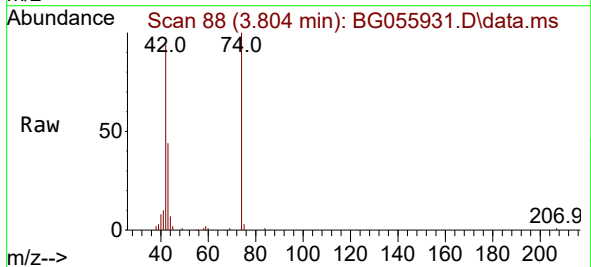
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

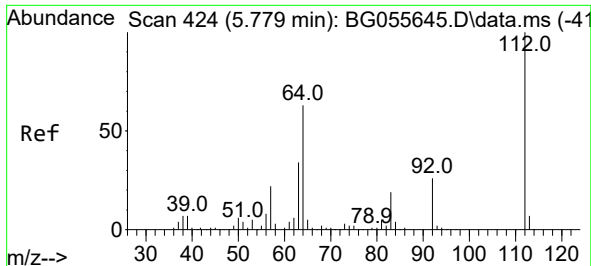
Tgt Ion: 79 Resp: 57992
Ion Ratio Lower Upper
79 100
52 86.7 68.9 103.3
51 42.4 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 49.072 ng
RT: 3.804 min Scan# 88
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion: 42 Resp: 45610
Ion Ratio Lower Upper
42 100
74 106.0 84.7 127.1
44 7.9 5.4 8.0

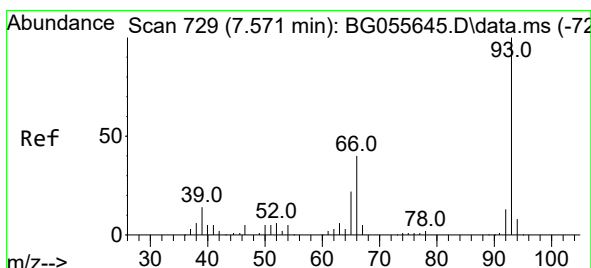
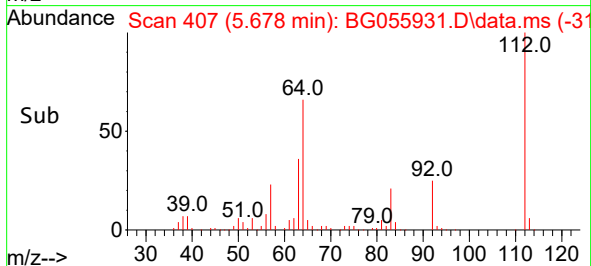
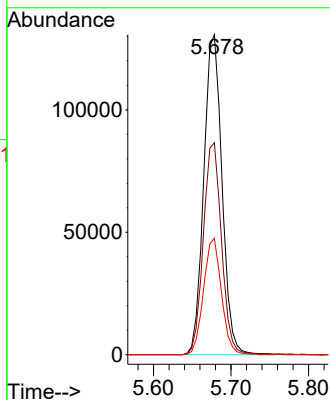
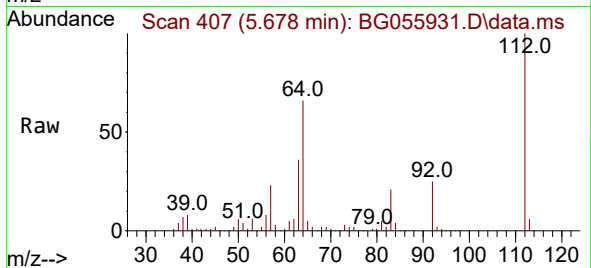




#5
2-Fluorophenol
Concen: 159.858 ng
RT: 5.678 min Scan# 407
Delta R.T. 0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

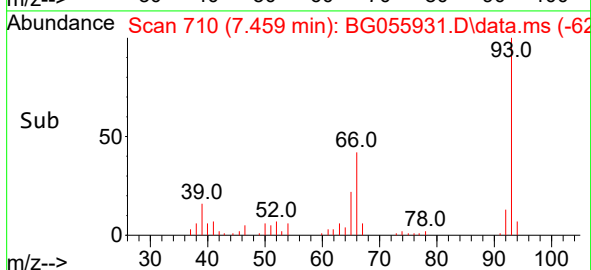
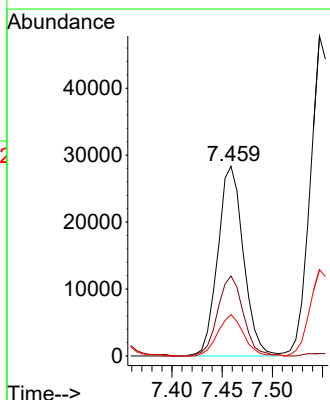
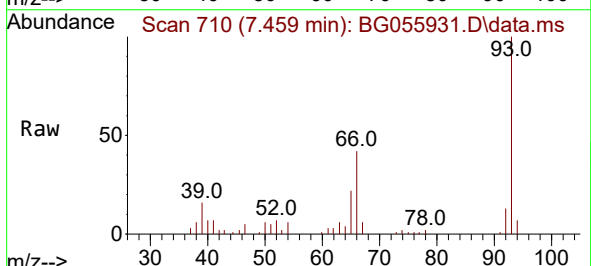
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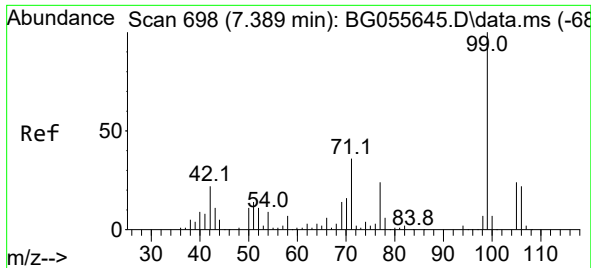
Tgt Ion:112 Resp: 214062
Ion Ratio Lower Upper
112 100
64 66.2 50.6 76.0
63 36.3 27.5 41.3



#6
Aniline
Concen: 22.496 ng
RT: 7.459 min Scan# 710
Delta R.T. -0.000 min
Lab File: BG055931.D
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Tgt Ion: 93 Resp: 50367
Ion Ratio Lower Upper
93 100
66 42.2 31.7 47.5
65 21.8 17.9 26.9

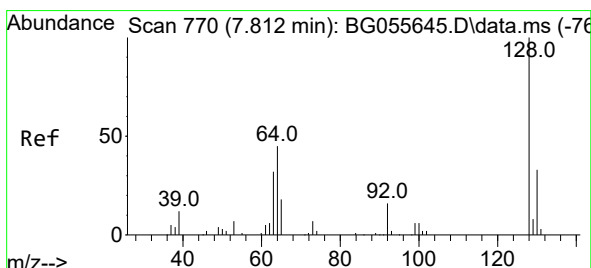
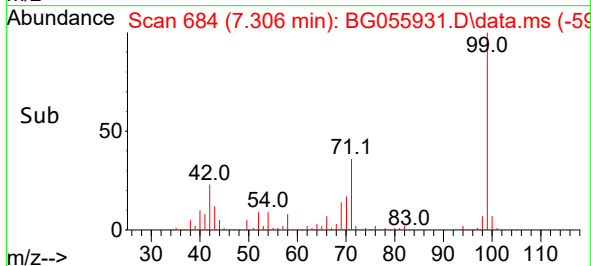
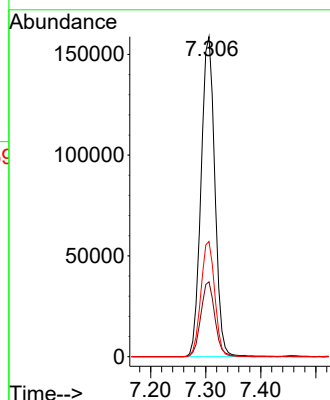
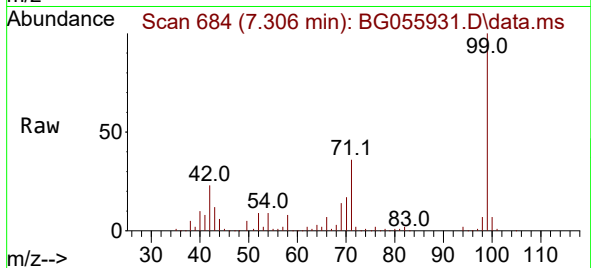




#7
Phenol-d6
Concen: 155.157 ng
RT: 7.306 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

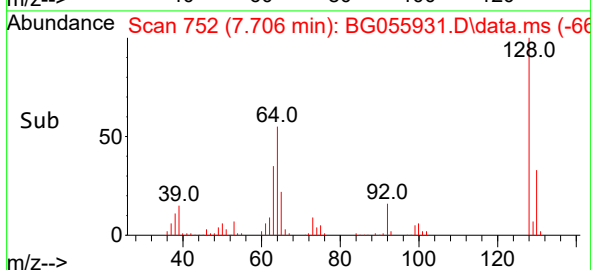
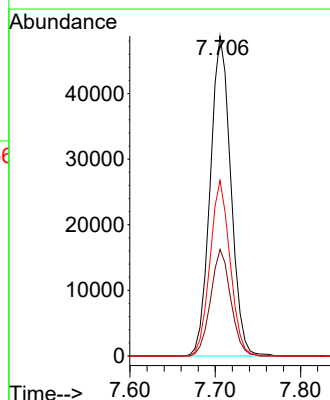
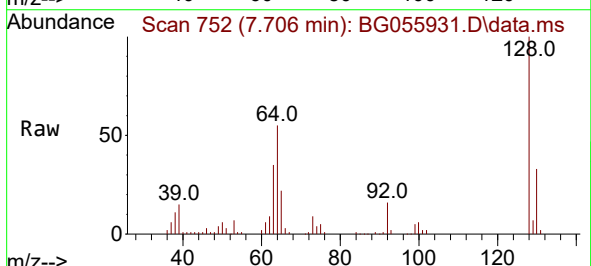
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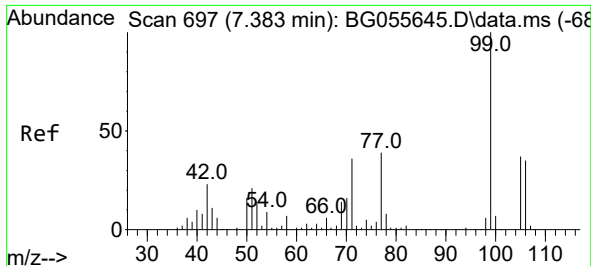
Tgt Ion: 99 Resp: 276570
Ion Ratio Lower Upper
99 100
42 23.4 18.0 27.0
71 36.0 29.0 43.6



#8
2-Chlorophenol
Concen: 53.483 ng
RT: 7.706 min Scan# 752
Delta R.T. -0.000 min
Lab File: BG055931.D
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Tgt Ion:128 Resp: 81872
Ion Ratio Lower Upper
128 100
130 33.3 13.1 53.1
64 54.8 30.2 70.2

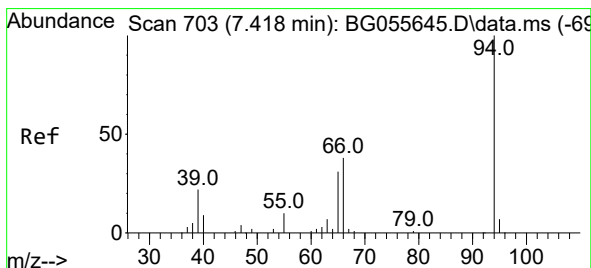
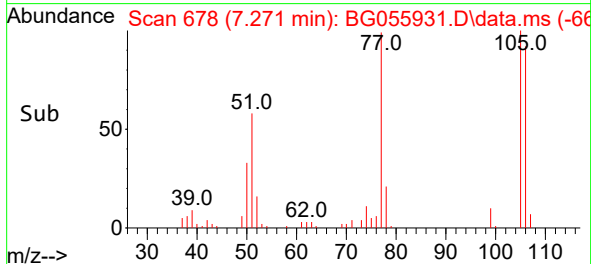
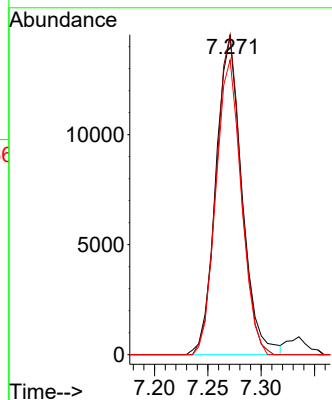
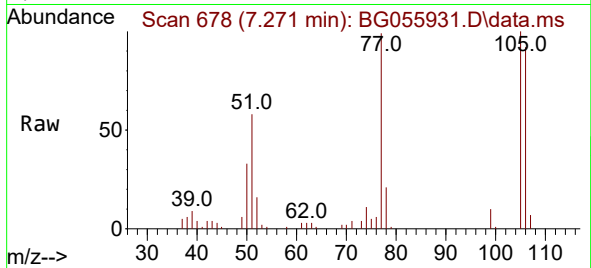




#9
Benzaldehyde
Concen: 20.295 ng
RT: 7.271 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

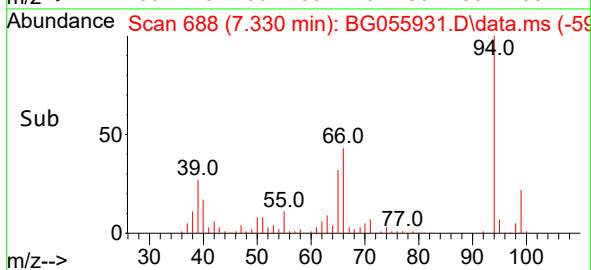
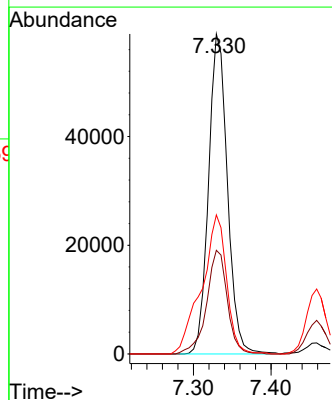
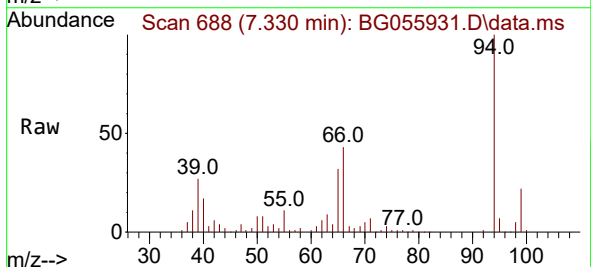
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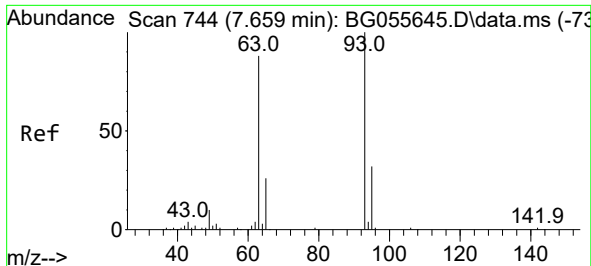
Tgt Ion: 77 Resp: 24569
Ion Ratio Lower Upper
77 100
105 100.8 76.3 116.3
106 92.9 69.8 109.8



#10
Phenol
Concen: 49.902 ng
RT: 7.330 min Scan# 688
Delta R.T. -0.000 min
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Tgt Ion: 94 Resp: 99598
Ion Ratio Lower Upper
94 100
65 32.4 11.8 51.8
66 43.5 20.5 60.5

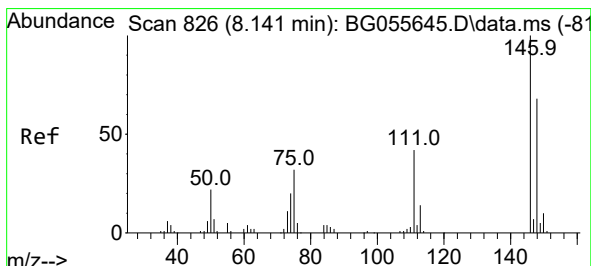
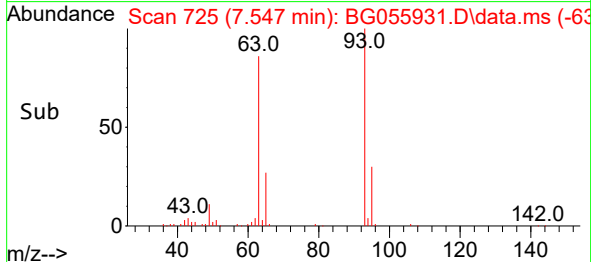
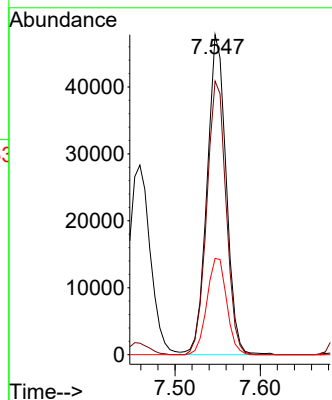
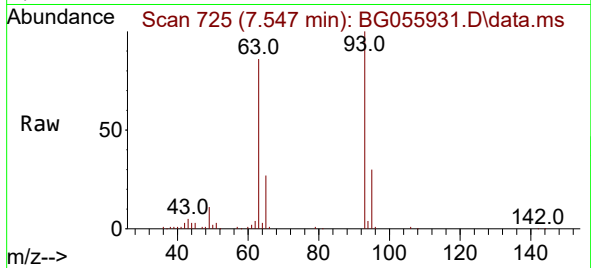




#11
bis(2-Chloroethyl)ether
Concen: 48.554 ng
RT: 7.547 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

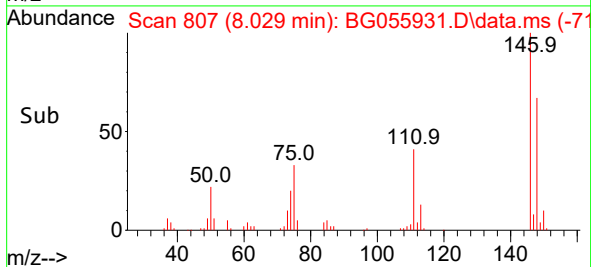
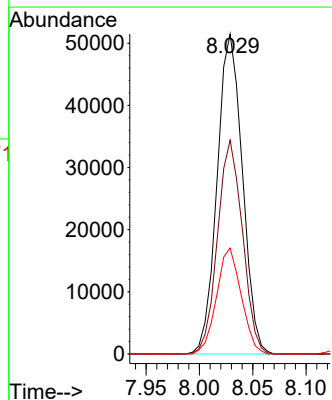
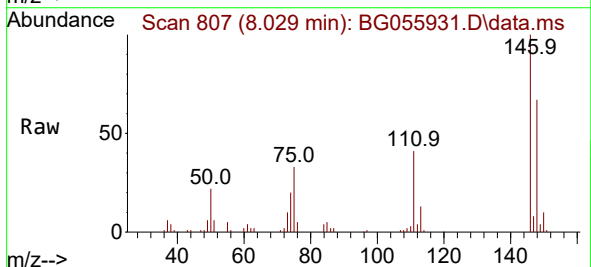
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

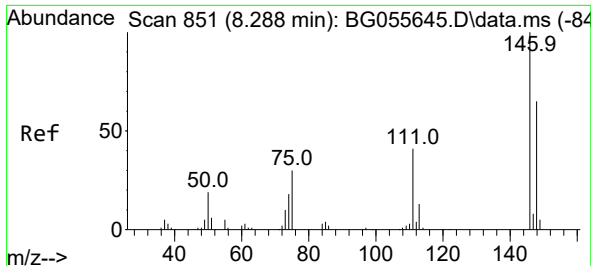
Tgt Ion: 93 Resp: 74265
Ion Ratio Lower Upper
93 100
63 85.5 67.6 107.6
95 30.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 47.103 ng
RT: 8.029 min Scan# 807
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion: 146 Resp: 84776
Ion Ratio Lower Upper
146 100
148 66.8 54.6 81.8
75 33.1 25.8 38.6

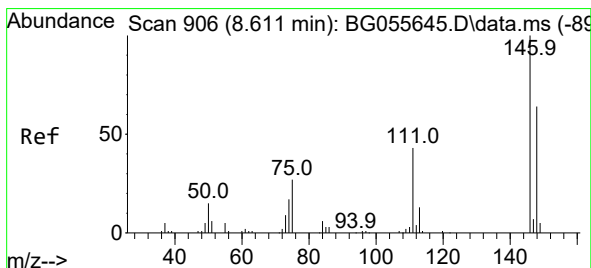
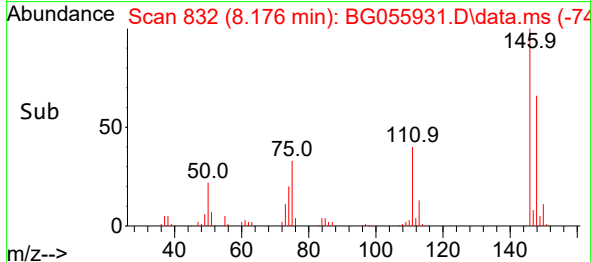
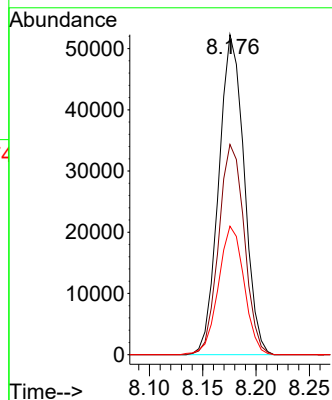
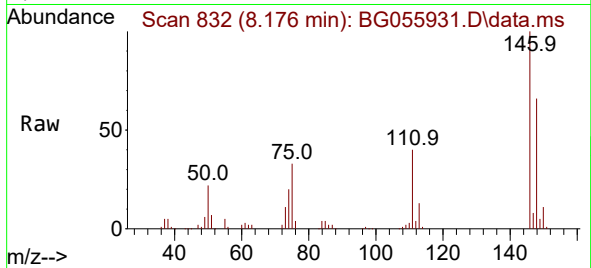




#13
1,4-Dichlorobenzene
Concen: 47.588 ng
RT: 8.176 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

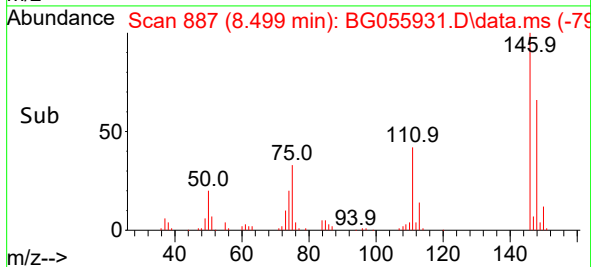
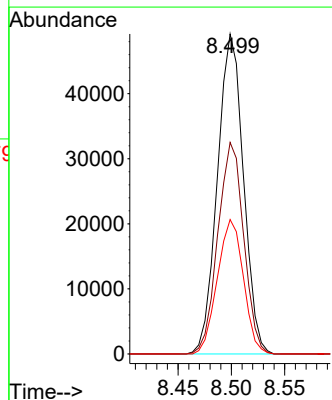
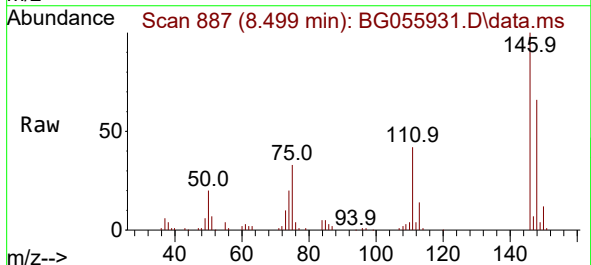
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

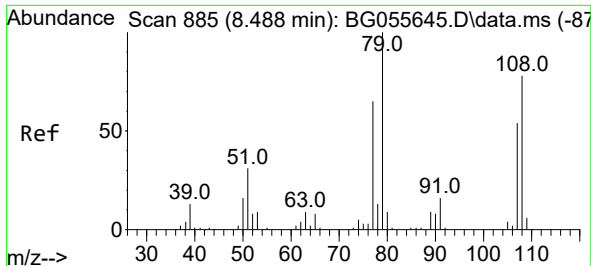
Tgt Ion:146 Resp: 86547
Ion Ratio Lower Upper
146 100
148 65.7 52.1 78.1
111 40.2 33.0 49.4



#14
1,2-Dichlorobenzene
Concen: 47.830 ng
RT: 8.499 min Scan# 887
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:146 Resp: 83358
Ion Ratio Lower Upper
146 100
148 66.1 50.9 76.3
111 42.0 34.5 51.7

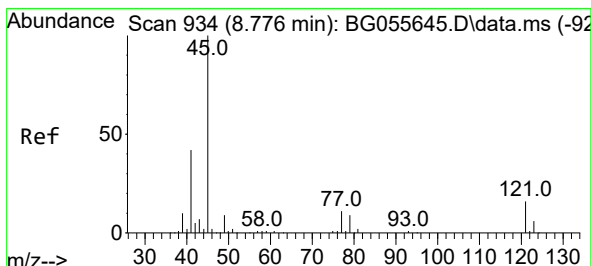
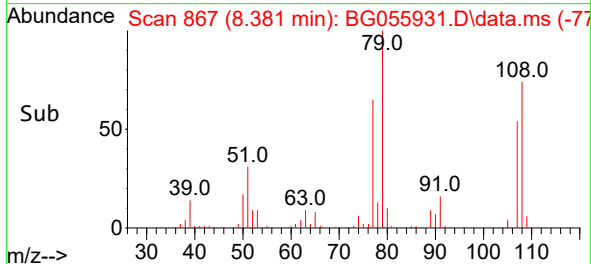
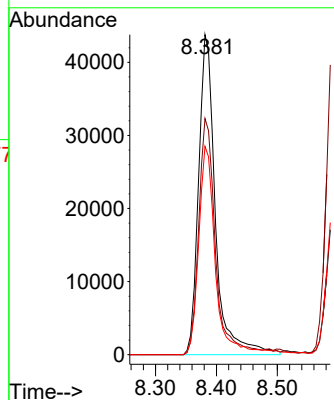
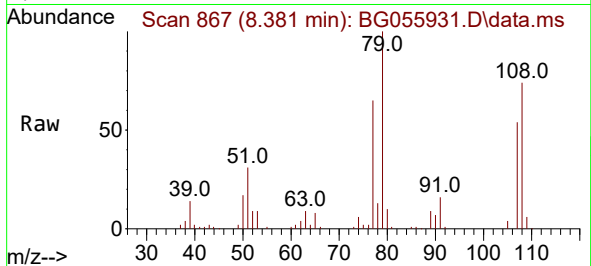




#15
Benzyl Alcohol
Concen: 58.087 ng
RT: 8.381 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

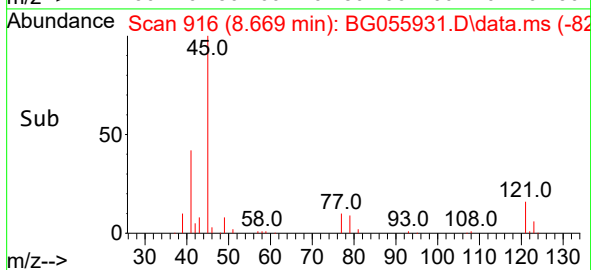
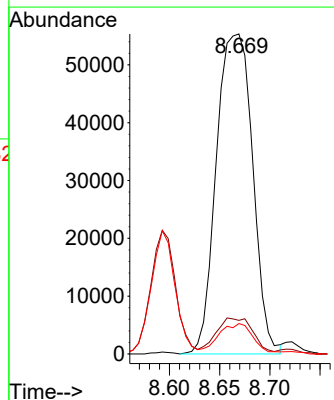
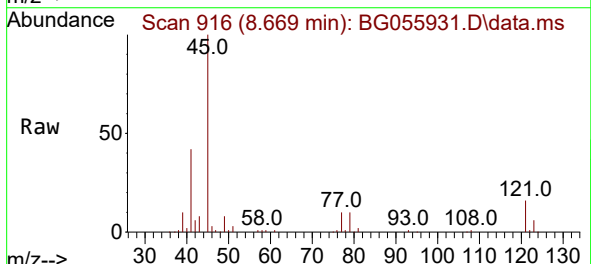
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

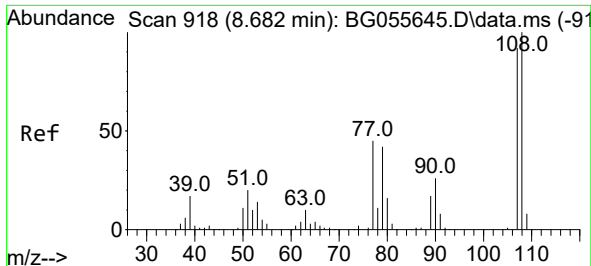
Tgt Ion: 79 Resp: 84150
Ion Ratio Lower Upper
79 100
108 73.8 62.6 93.8
77 65.1 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.239 ng
RT: 8.669 min Scan# 916
Delta R.T. 0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion: 45 Resp: 139108
Ion Ratio Lower Upper
45 100
77 10.5 0.0 31.7
79 9.5 0.0 29.5





#17

2-Methylphenol

Concen: 54.301 ng

RT: 8.593 min Scan# 90

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

Tgt Ion:107 Resp: 76945

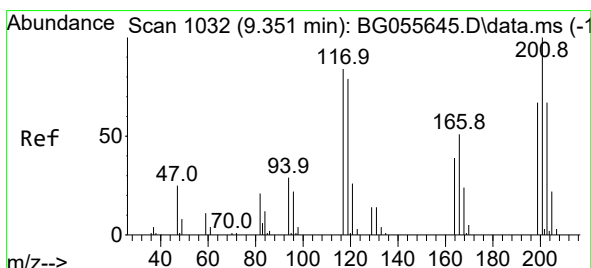
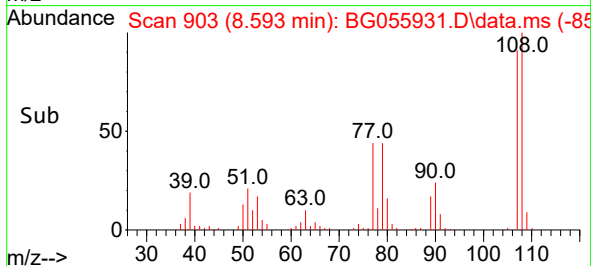
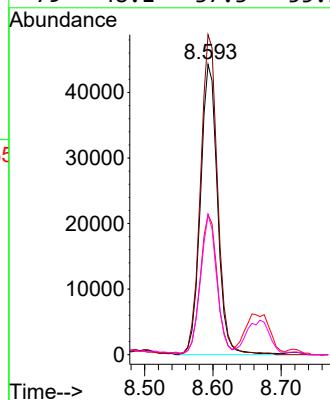
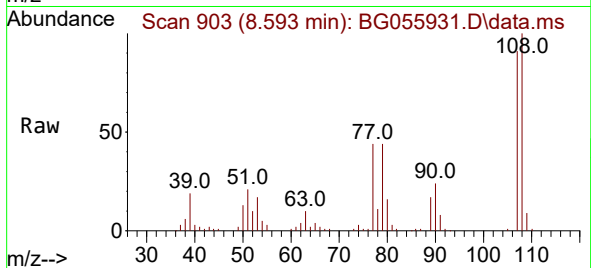
Ion Ratio Lower Upper

107 100

108 110.2 87.3 130.9

77 48.3 39.4 59.0

79 48.1 37.3 55.9



#18

Hexachloroethane

Concen: 47.399 ng

RT: 9.233 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

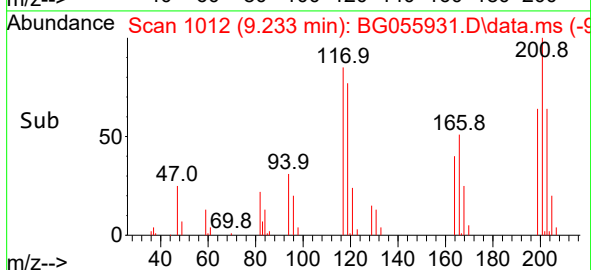
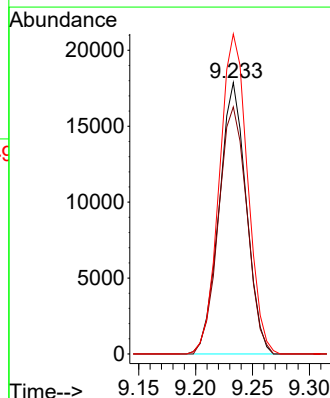
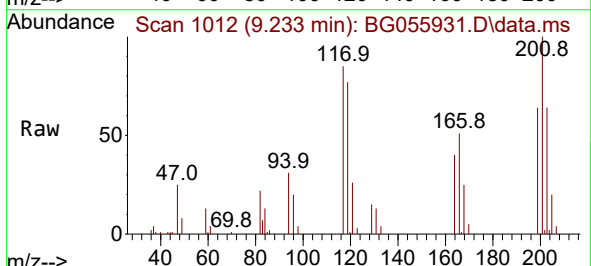
Tgt Ion:117 Resp: 29670

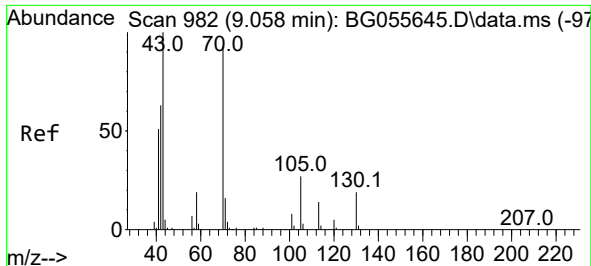
Ion Ratio Lower Upper

117 100

119 91.0 76.0 114.0

201 117.9 98.6 148.0

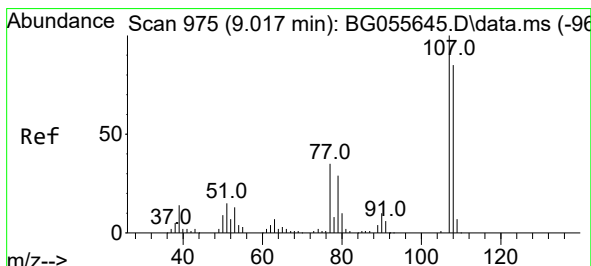
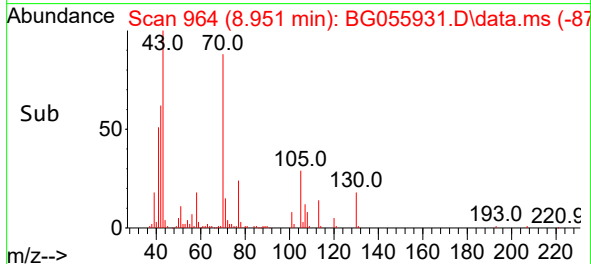
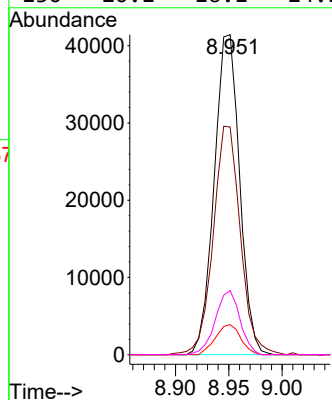
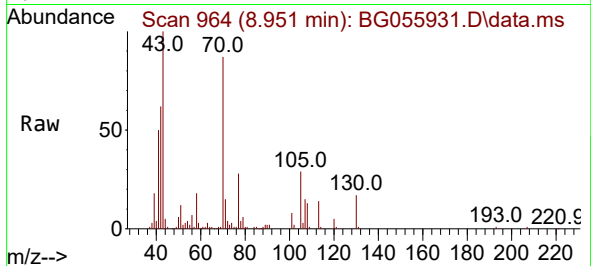




#19
n-Nitroso-di-n-propylamine
Concen: 50.173 ng
RT: 8.951 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

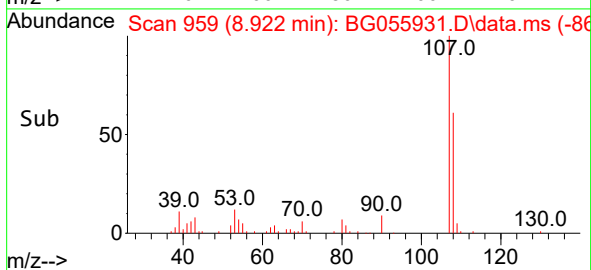
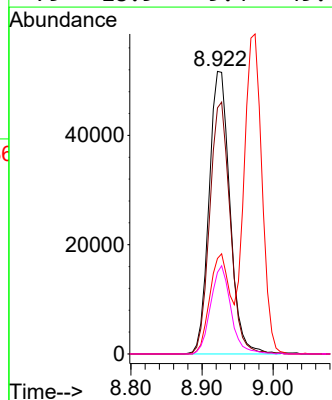
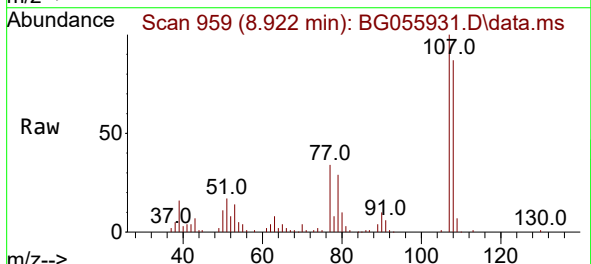
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

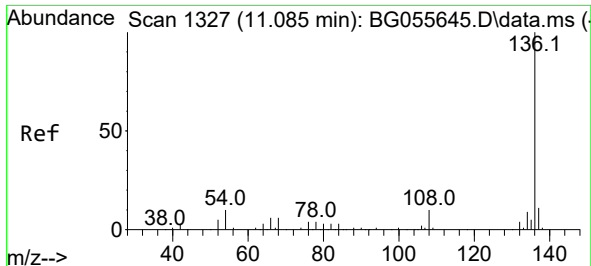
Tgt Ion: 70 Resp: 68716
Ion Ratio Lower Upper
70 100
42 71.1 55.2 82.8
101 9.4 7.1 10.7
130 20.1 16.1 24.1



#20
3+4-Methylphenols
Concen: 53.206 ng
RT: 8.922 min Scan# 959
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion: 107 Resp: 105319
Ion Ratio Lower Upper
107 100
108 87.1 65.5 105.5
77 33.8 14.6 54.6
79 28.9 9.4 49.4

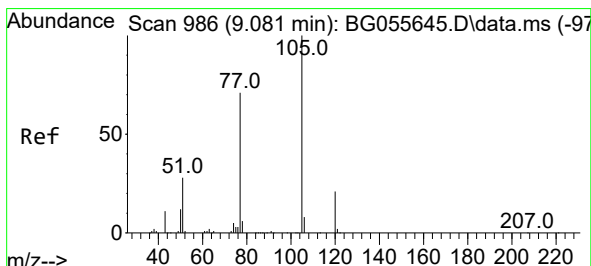
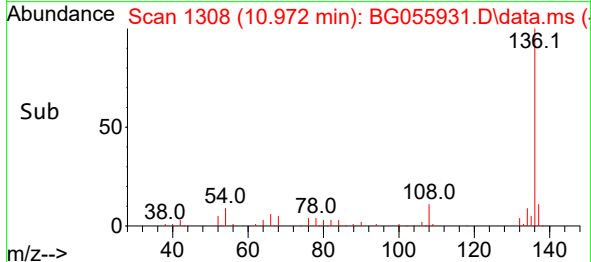
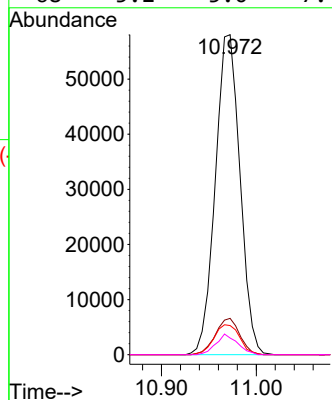
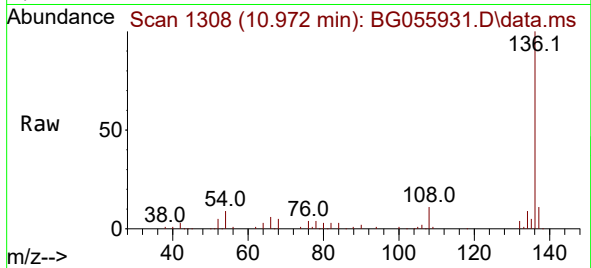




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

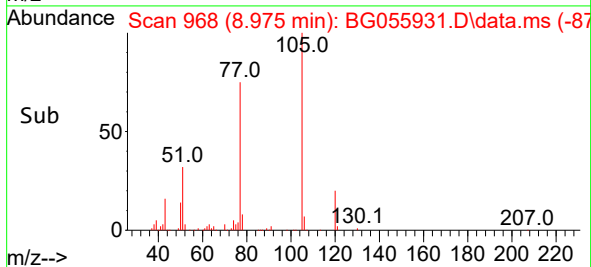
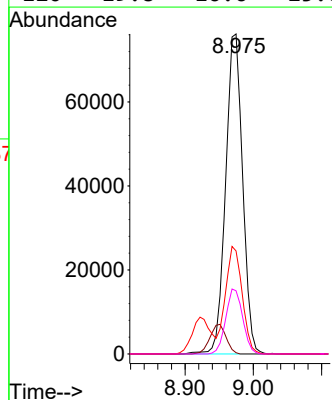
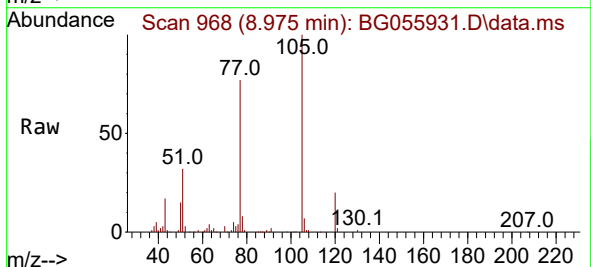
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

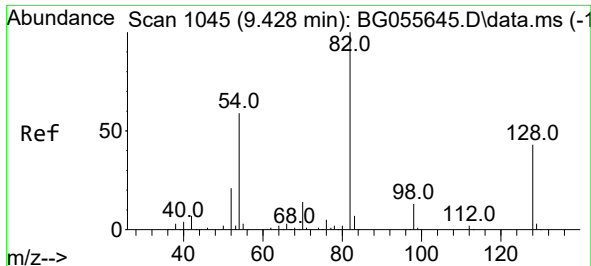
Tgt Ion:136 Resp: 104953
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.1 7.8 11.6
68 5.2 5.0 7.4



#22
Acetophenone
Concen: 48.435 ng
RT: 8.975 min Scan# 968
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:105 Resp: 132093
Ion Ratio Lower Upper
105 100
71 0.4 0.6 1.0#
51 32.2 24.5 36.7
120 19.8 16.6 25.0





#23

Nitrobenzene-d5

Concen: 95.234 ng

RT: 9.321 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

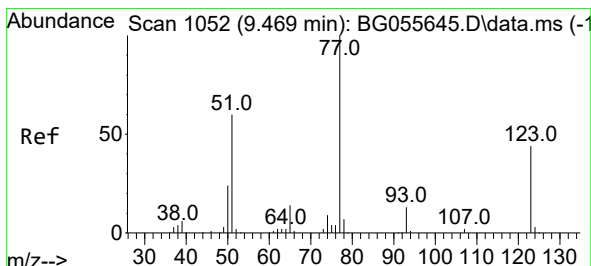
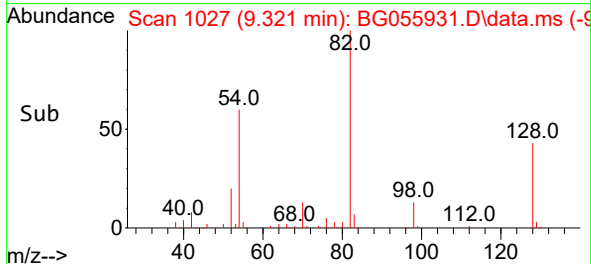
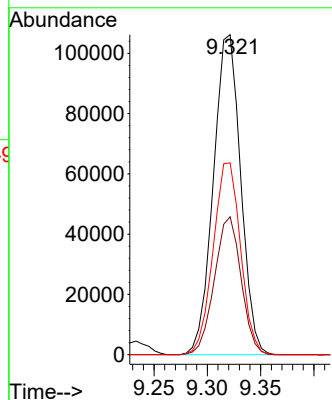
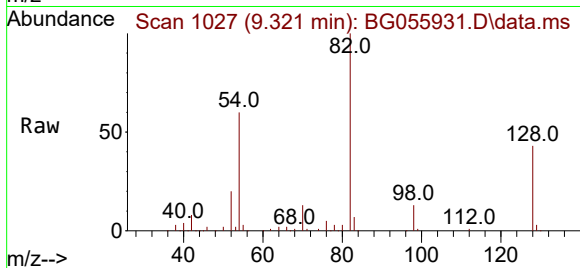
Tgt Ion: 82 Resp: 189105

Ion Ratio Lower Upper

82 100

128 43.1 34.1 51.1

54 59.9 47.3 70.9



#24

Nitrobenzene

Concen: 47.758 ng

RT: 9.362 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

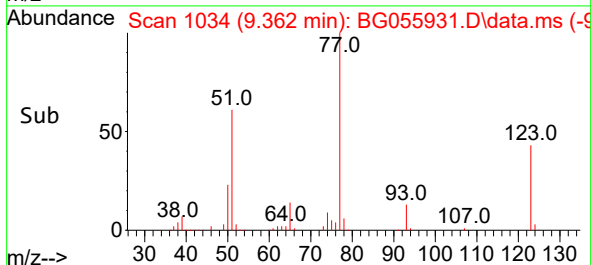
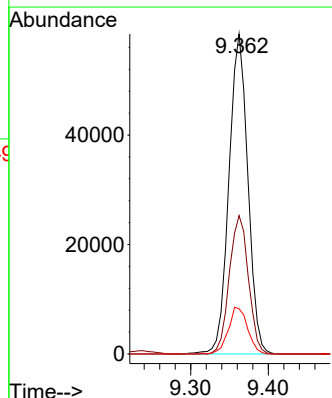
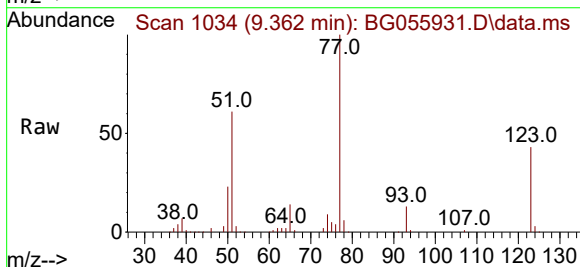
Tgt Ion: 77 Resp: 99055

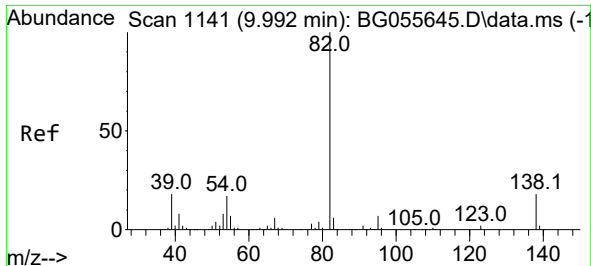
Ion Ratio Lower Upper

77 100

123 43.3 35.5 53.3

65 14.1 11.5 17.3

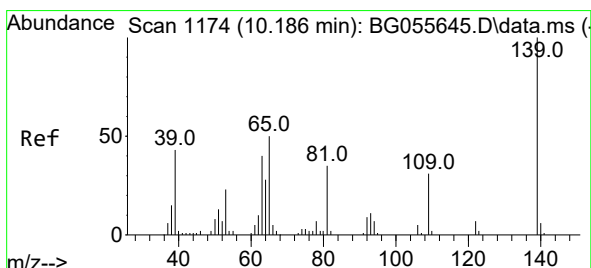
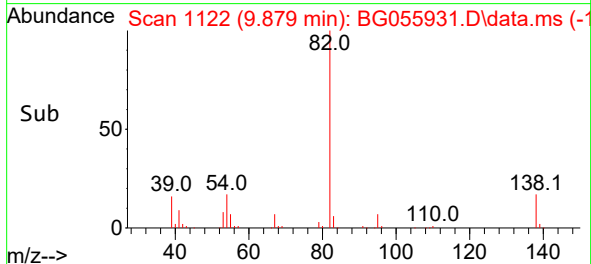
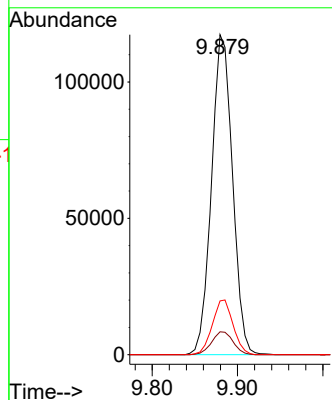
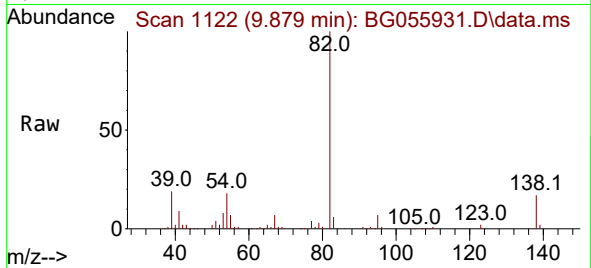




#25
Isophorone
Concen: 53.337 ng
RT: 9.879 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

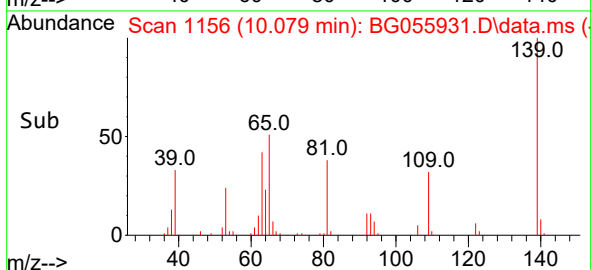
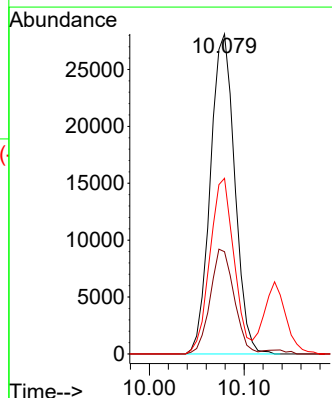
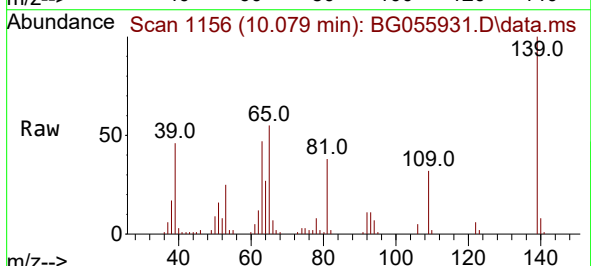
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

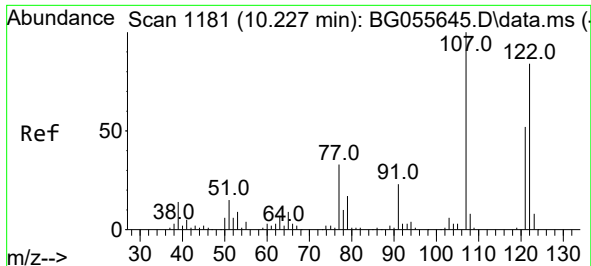
Tgt Ion: 82 Resp: 200674
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.8 14.2 21.4



#26
2-Nitrophenol
Concen: 52.323 ng
RT: 10.079 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:139 Resp: 50098
Ion Ratio Lower Upper
139 100
109 31.9 24.4 36.6
65 54.9 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 59.858 ng

RT: 10.132 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

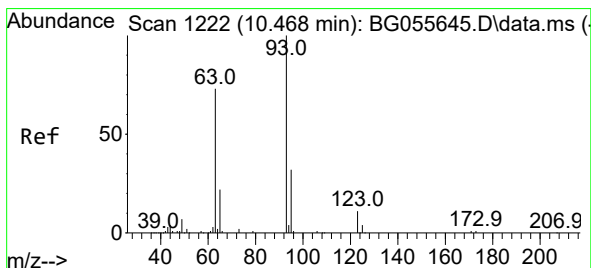
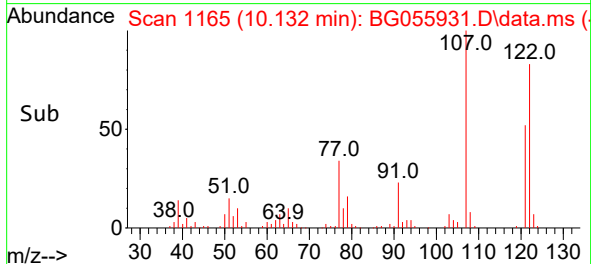
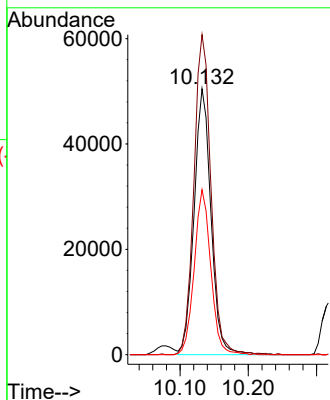
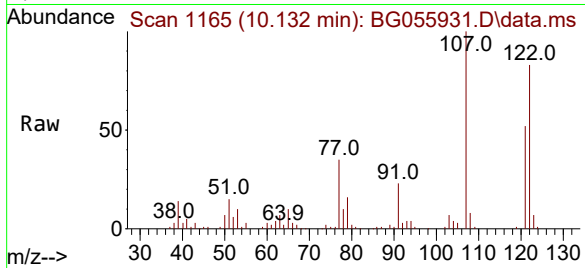
Tgt Ion:122 Resp: 87227

Ion Ratio Lower Upper

122 100

107 120.3 95.8 143.6

121 62.0 49.6 74.4



#28

bis(2-Chloroethoxy)methane

Concen: 53.779 ng

RT: 10.355 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

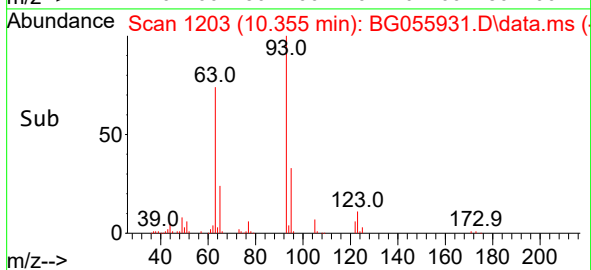
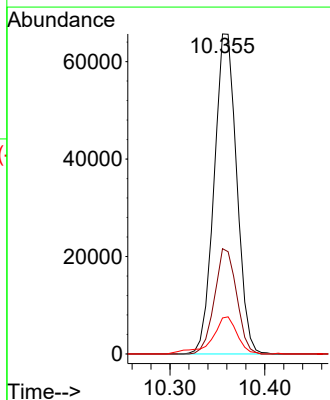
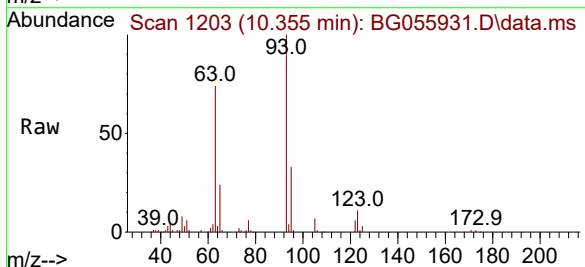
Tgt Ion: 93 Resp: 108624

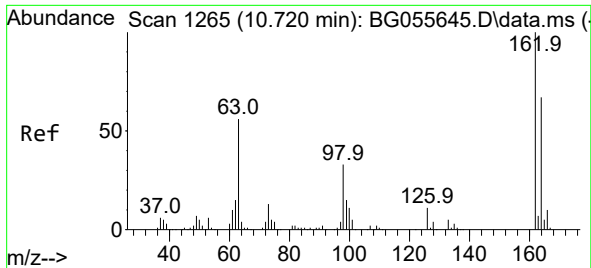
Ion Ratio Lower Upper

93 100

95 32.9 25.7 38.5

123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 53.320 ng

RT: 10.626 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

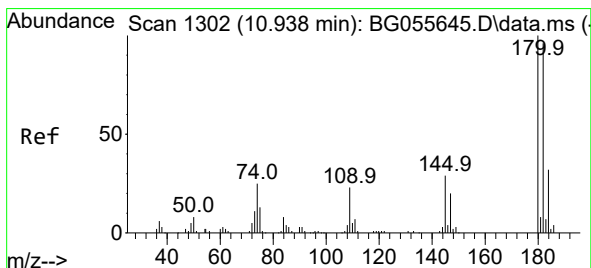
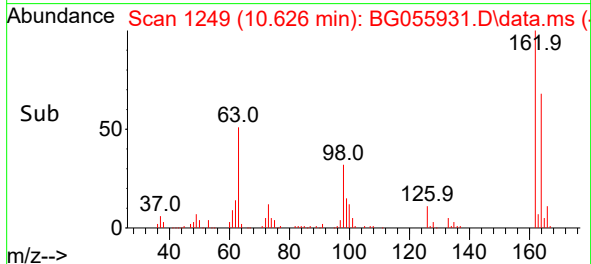
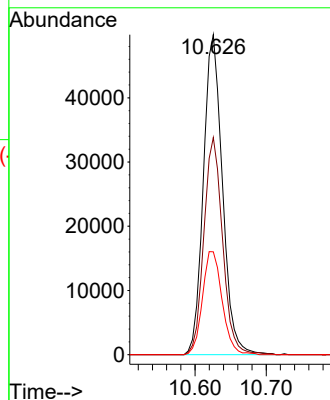
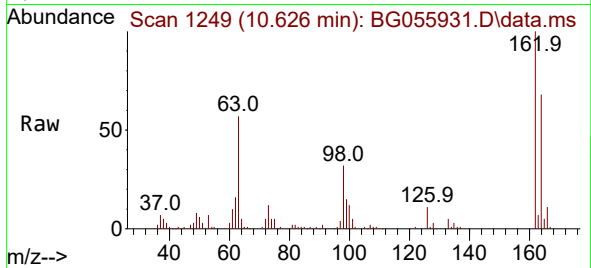
Tgt Ion:162 Resp: 93000

Ion Ratio Lower Upper

162 100

164 67.9 46.7 86.7

98 32.2 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 44.305 ng

RT: 10.831 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

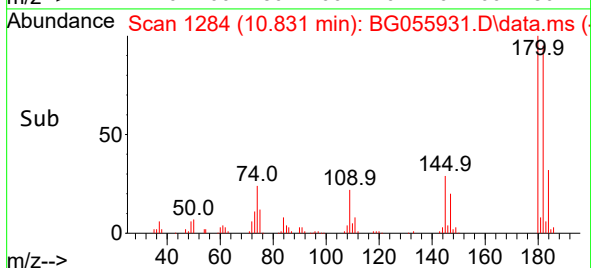
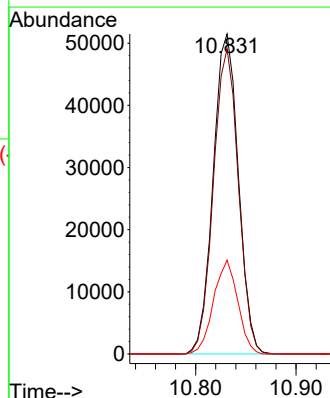
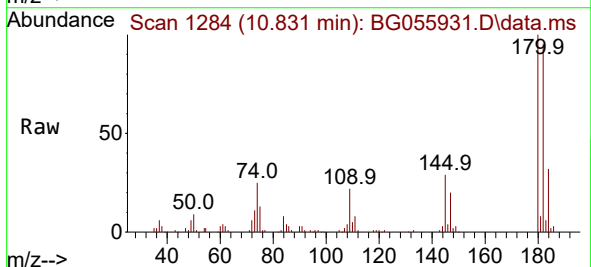
Tgt Ion:180 Resp: 89778

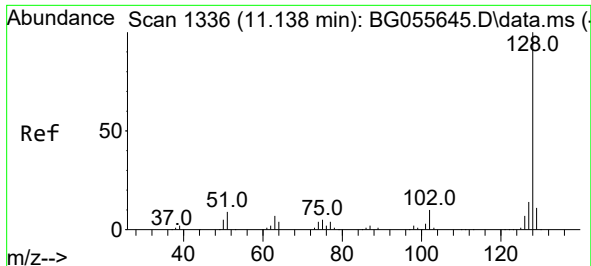
Ion Ratio Lower Upper

180 100

182 95.4 77.1 115.7

145 29.3 22.9 34.3

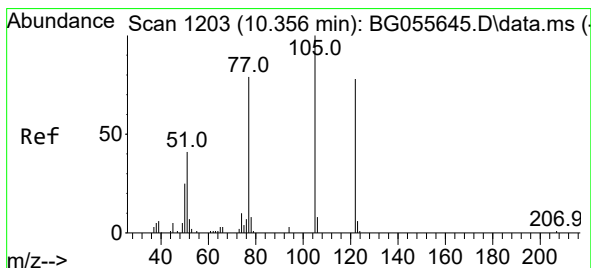
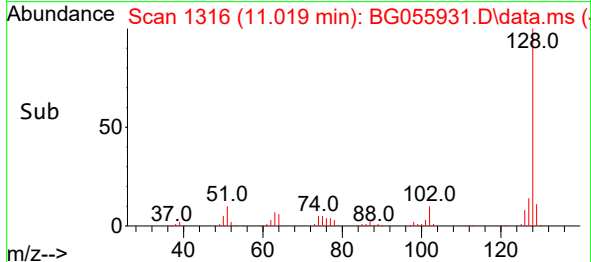
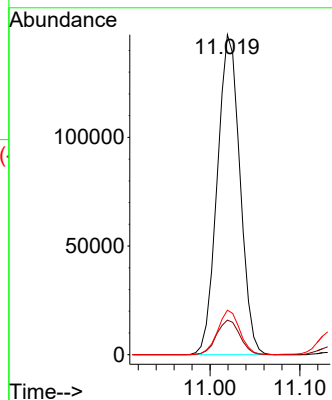
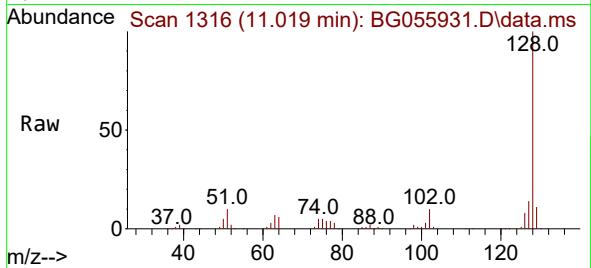




#31
Naphthalene
Concen: 45.585 ng
RT: 11.019 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

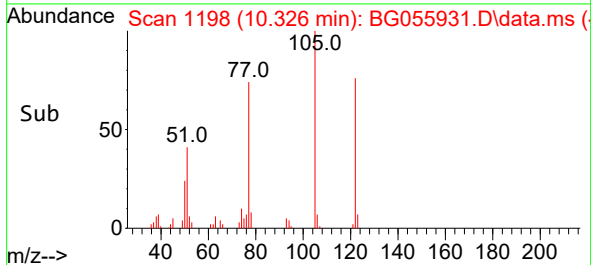
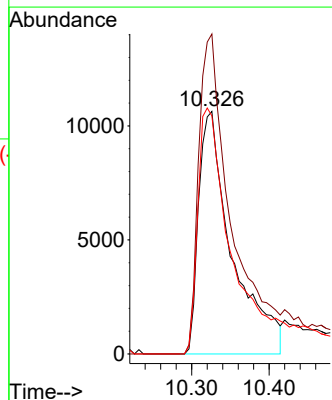
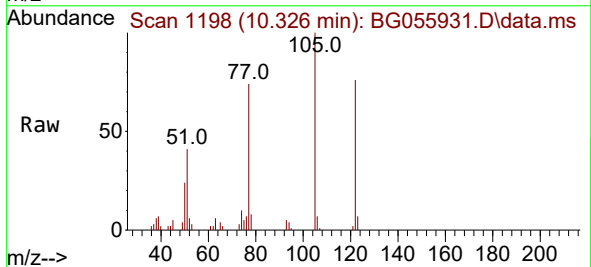
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

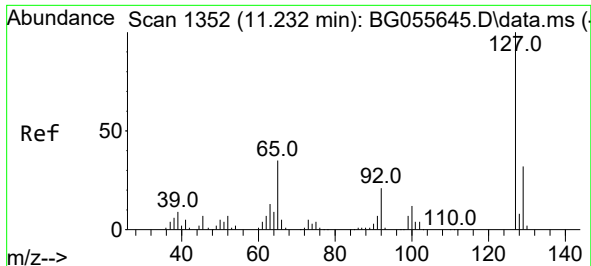
Tgt Ion:128 Resp: 258633
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.9 10.9 16.3



#32
Benzoic acid
Concen: 26.503 ng
RT: 10.326 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:122 Resp: 31775
Ion Ratio Lower Upper
122 100
105 131.9 104.3 144.3
77 98.2 79.9 119.9

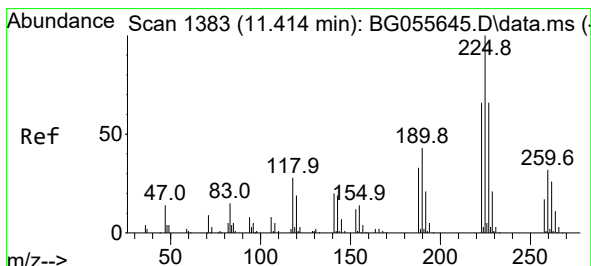
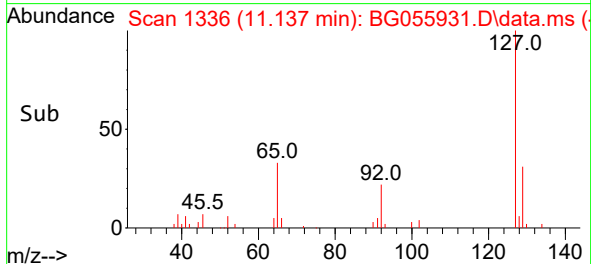
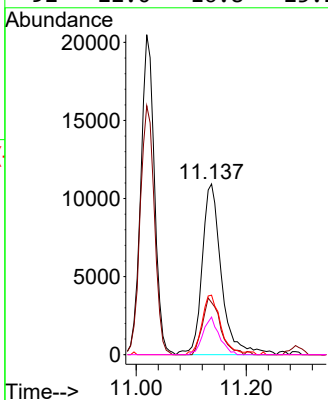
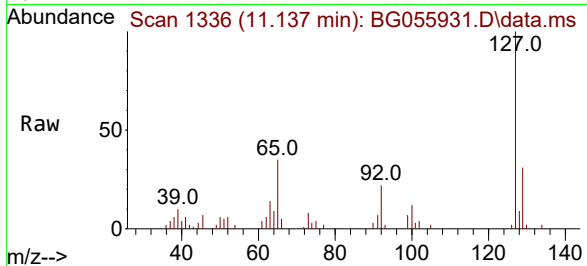




#33
4-Chloroaniline
Concen: 11.356 ng
RT: 11.137 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

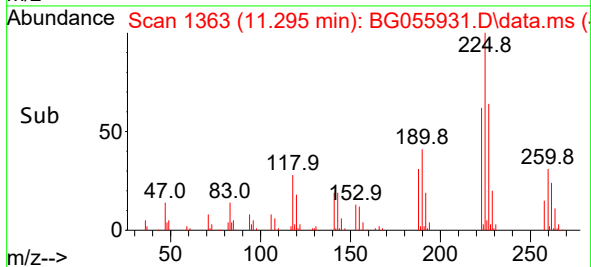
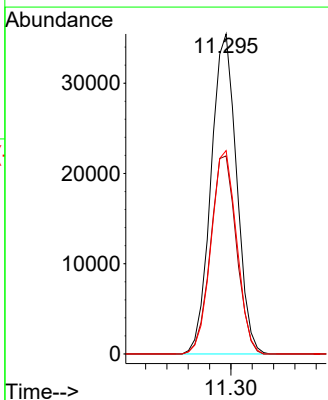
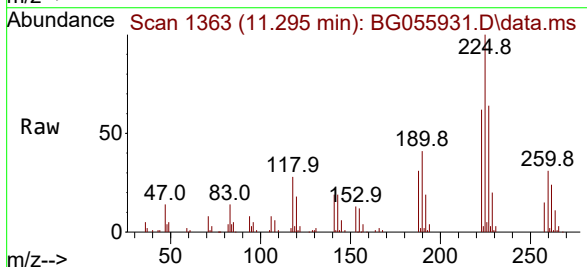
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

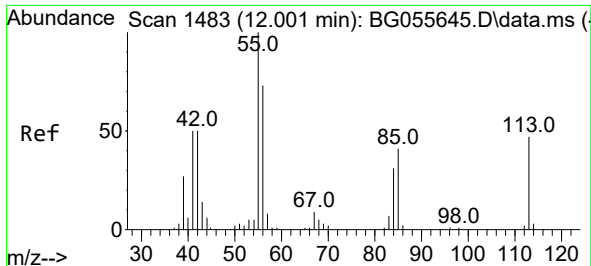
Tgt Ion:	127	Resp:	26577
Ion Ratio	Lower	Upper	
127	100		
129	30.6	25.9	38.9
65	34.8	27.9	41.9
92	22.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.590 ng
RT: 11.295 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:	225	Resp:	58931
Ion Ratio	Lower	Upper	
225	100		
223	61.9	52.9	79.3
227	63.5	52.6	79.0

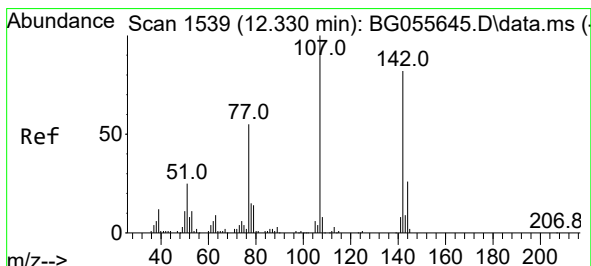
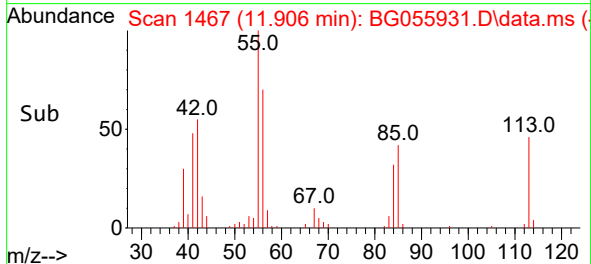
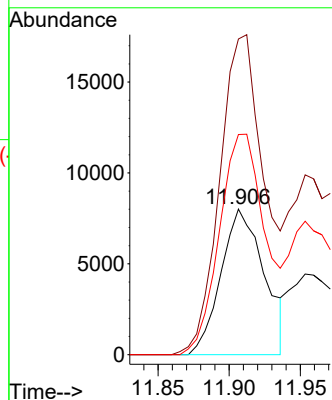
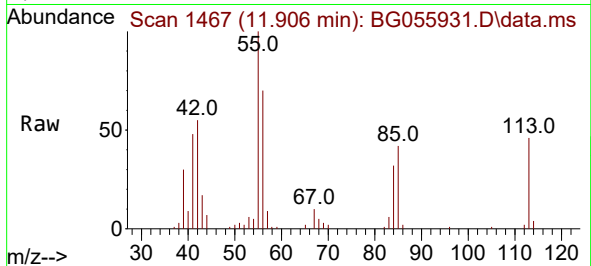




#35
 Caprolactam
 Concen: 28.107 ng
 RT: 11.906 min Scan# 1483
 Delta R.T. -0.006 min
 Lab File: BG055931.D
 Acq: 8 Dec 2022 17:24

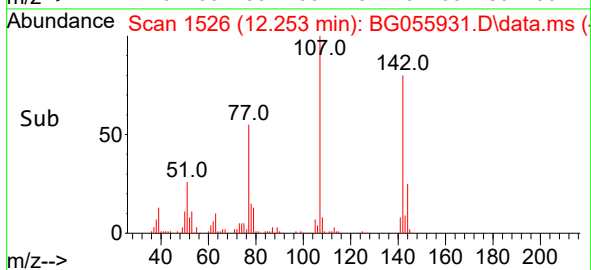
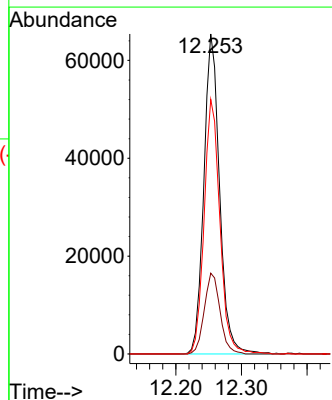
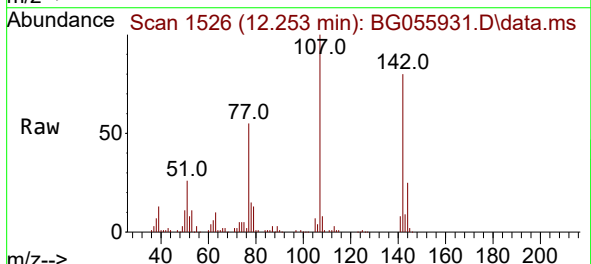
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITEMSD

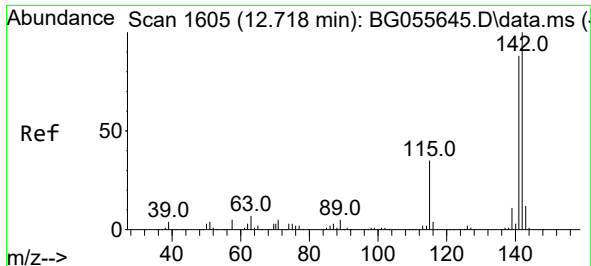
Tgt Ion:113 Resp: 16965
 Ion Ratio Lower Upper
 113 100
 55 216.7 193.5 233.5
 56 151.1 135.2 175.2



#36
 4-Chloro-3-methylphenol
 Concen: 56.959 ng
 RT: 12.253 min Scan# 1526
 Delta R.T. -0.000 min
 Lab File: BG055931.D
 Acq: 8 Dec 2022 17:24

Tgt Ion:107 Resp: 109192
 Ion Ratio Lower Upper
 107 100
 144 25.3 21.0 31.4
 142 79.5 65.9 98.9

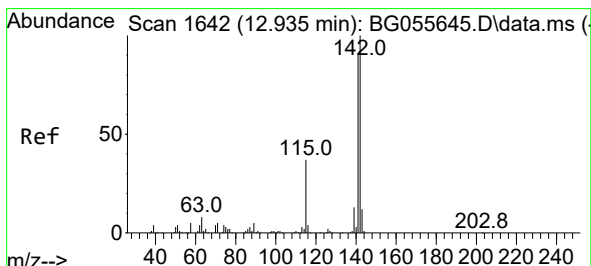
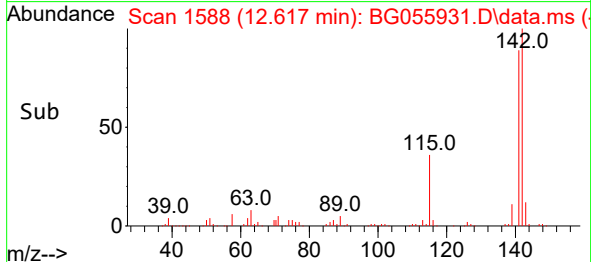
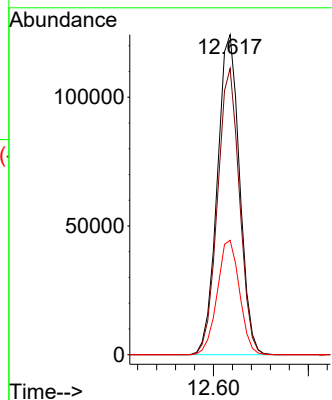
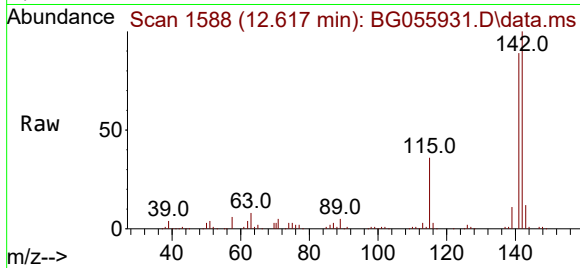




#37
2-Methylnaphthalene
Concen: 47.762 ng
RT: 12.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

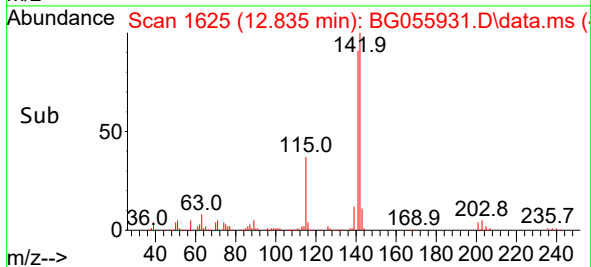
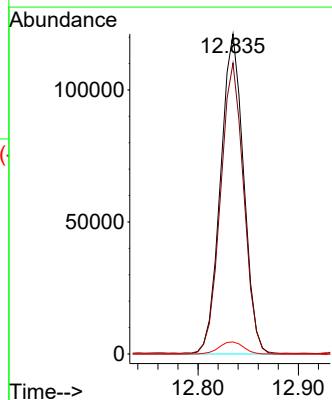
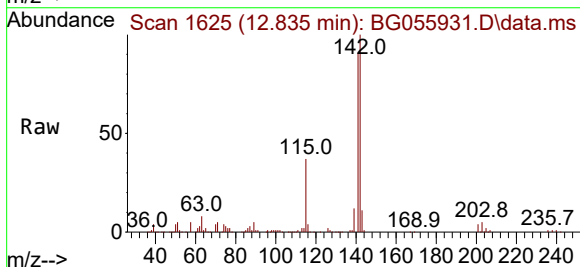
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

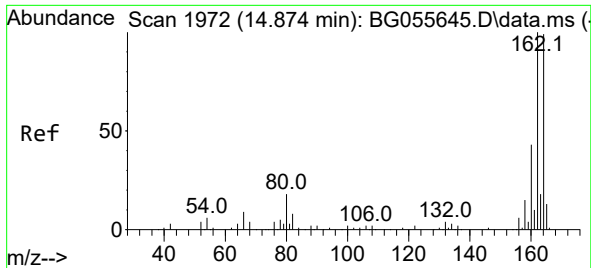
Tgt Ion:142 Resp: 202896
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5
115 35.8 27.9 41.9



#38
1-Methylnaphthalene
Concen: 46.838 ng
RT: 12.835 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:142 Resp: 193160
Ion Ratio Lower Upper
142 100
141 90.9 73.0 109.4
116 3.8 3.1 4.7

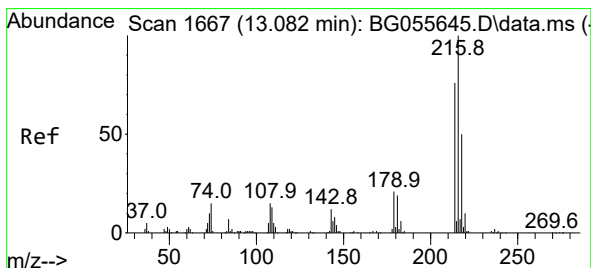
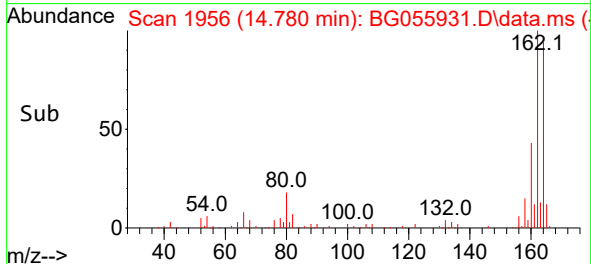
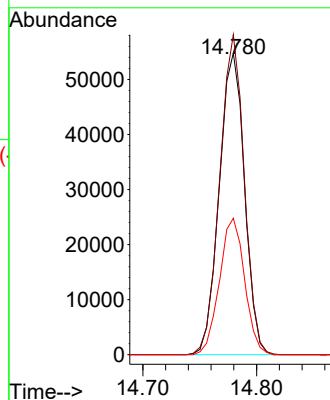
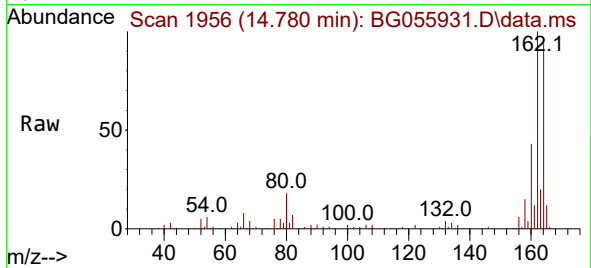




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

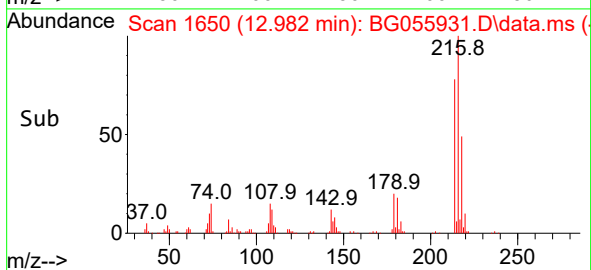
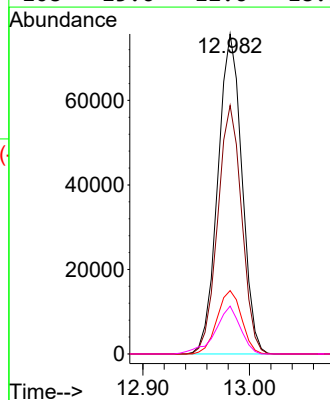
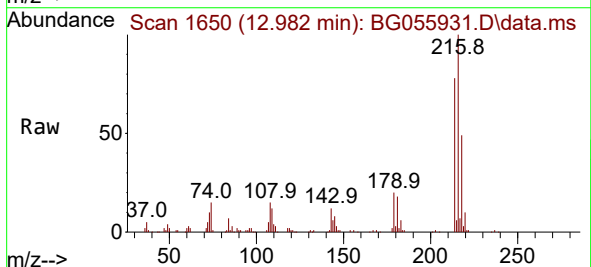
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

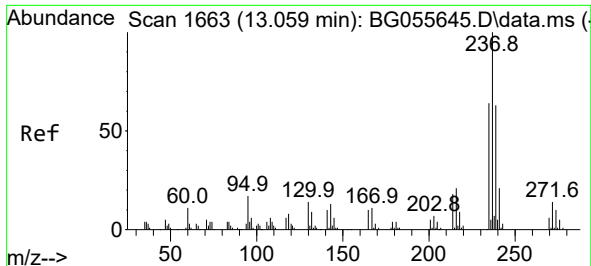
Tgt Ion:164 Resp: 84289
Ion Ratio Lower Upper
164 100
162 106.1 81.1 121.7
160 45.2 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.739 ng
RT: 12.982 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

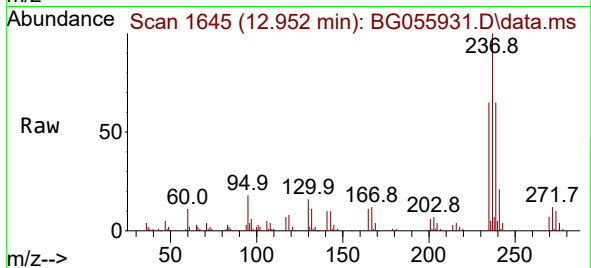
Tgt Ion:216 Resp: 118505
Ion Ratio Lower Upper
216 100
214 77.3 62.1 93.1
179 20.2 16.5 24.7
108 15.6 12.6 18.8



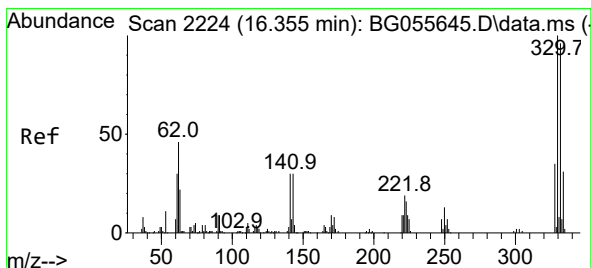
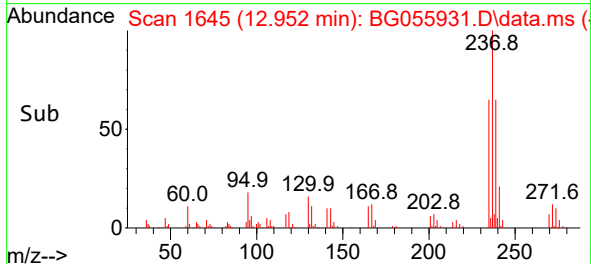
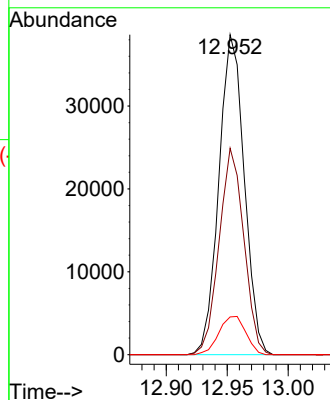


#41
Hexachlorocyclopentadiene
Concen: 41.952 ng
RT: 12.952 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

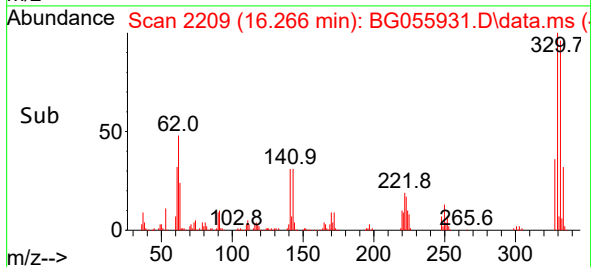
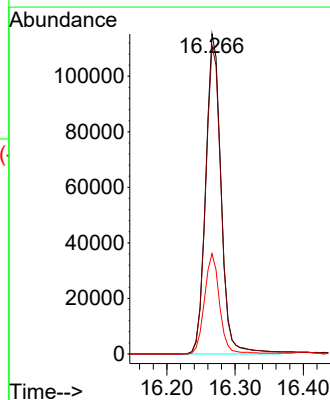
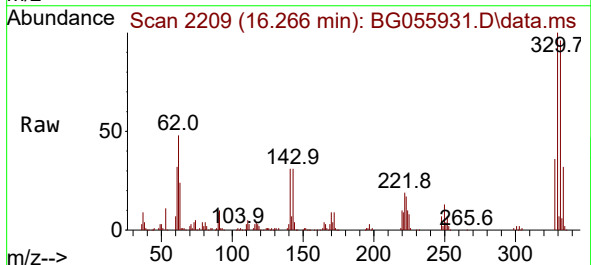


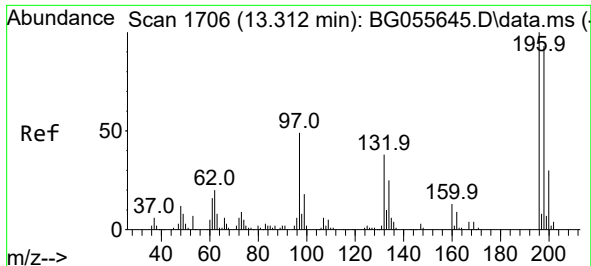
Tgt Ion:237 Resp: 56007
Ion Ratio Lower Upper
237 100
235 64.5 43.7 83.7
272 11.8 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 152.223 ng
RT: 16.266 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:330 Resp: 180673
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 30.8 23.9 35.9

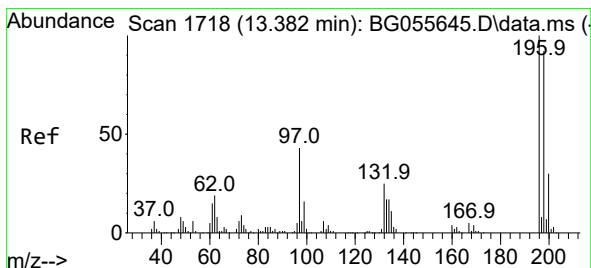
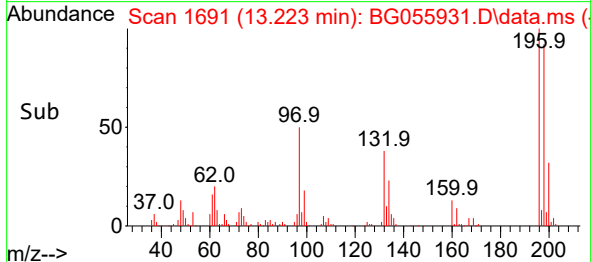
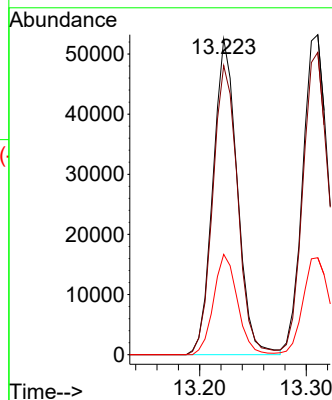
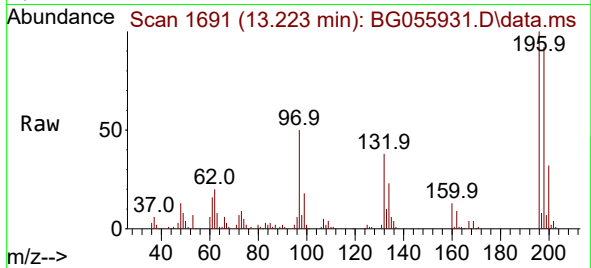




#43
2,4,6-Trichlorophenol
Concen: 46.018 ng
RT: 13.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

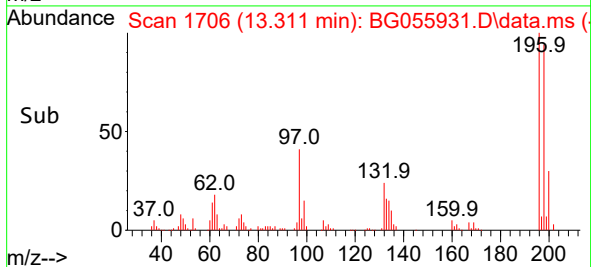
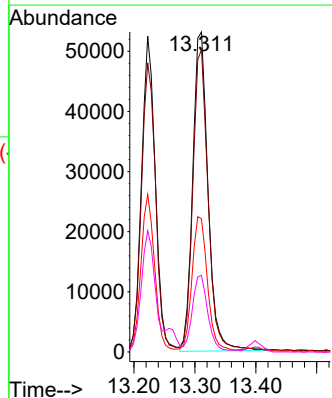
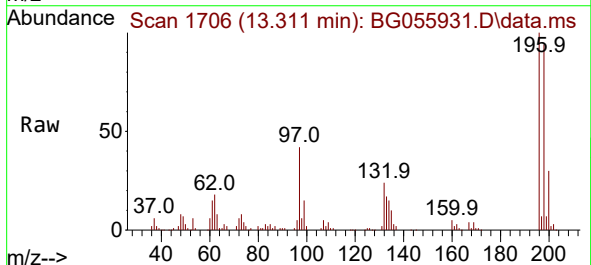
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

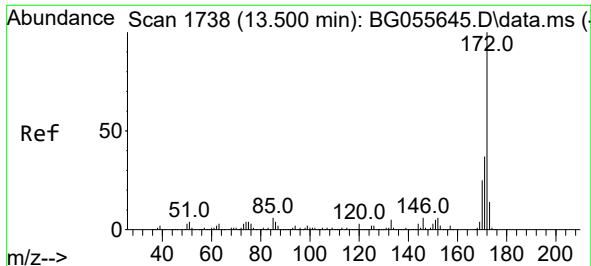
Tgt Ion:196 Resp: 83149
Ion Ratio Lower Upper
196 100
198 91.5 74.6 112.0
200 31.8 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 46.871 ng
RT: 13.311 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:196 Resp: 93067
Ion Ratio Lower Upper
196 100
198 94.5 74.1 111.1
97 41.6 34.8 52.2
132 24.0 20.1 30.1

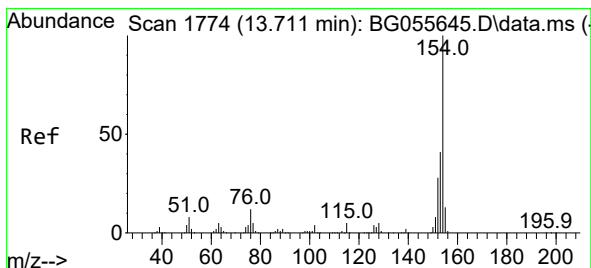
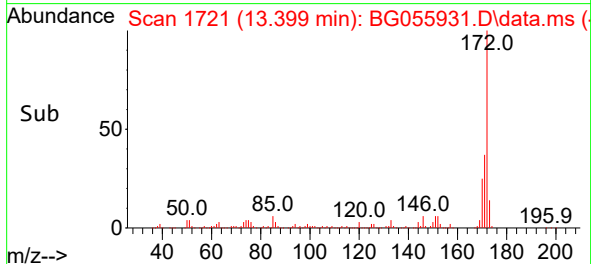
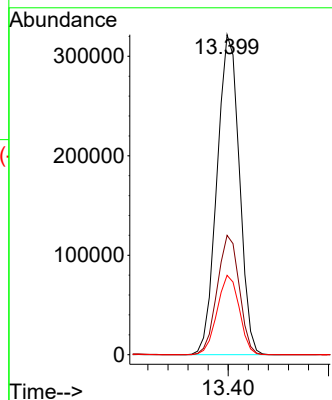
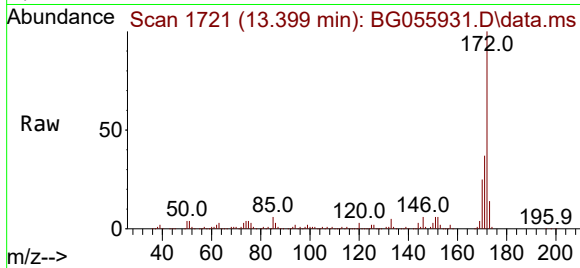




#45
2-Fluorobiphenyl
Concen: 88.289 ng
RT: 13.399 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

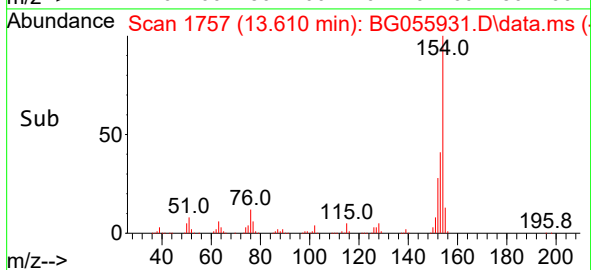
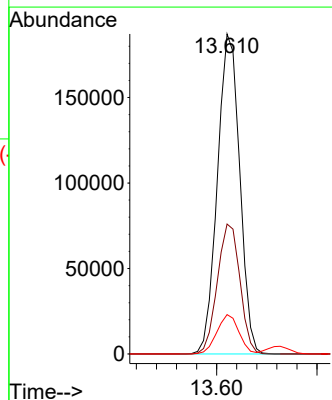
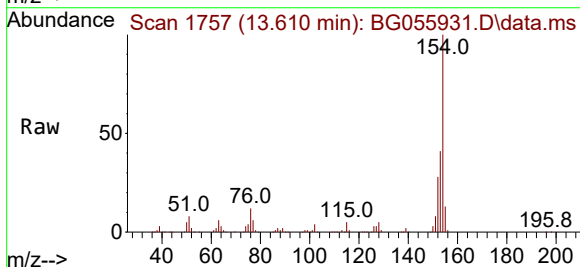
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

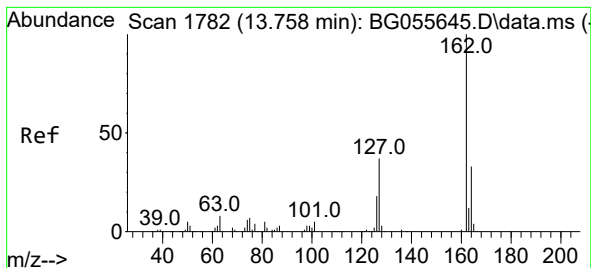
Tgt Ion:172 Resp: 496742
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.8 20.2 30.4



#46
1,1'-Biphenyl
Concen: 46.922 ng
RT: 13.610 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:154 Resp: 288209
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 12.3 0.0 32.4





#47

2-Chloronaphthalene

Concen: 45.612 ng

RT: 13.663 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

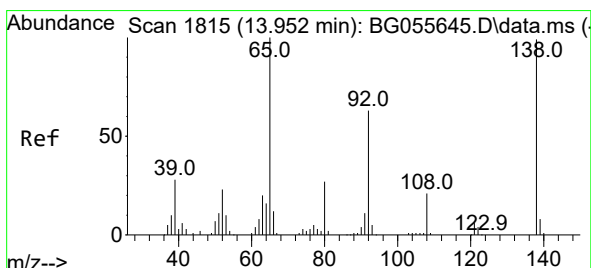
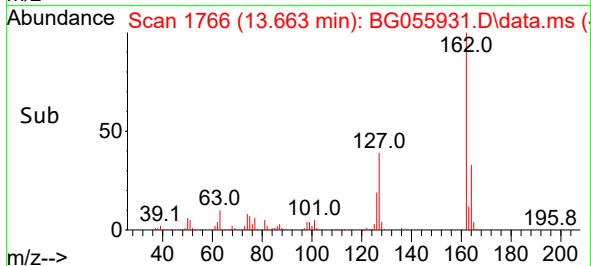
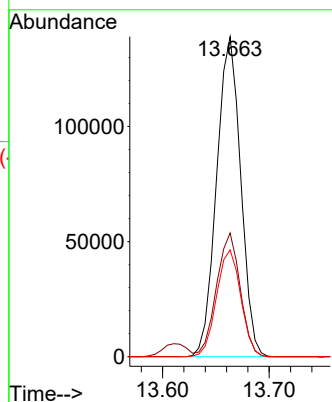
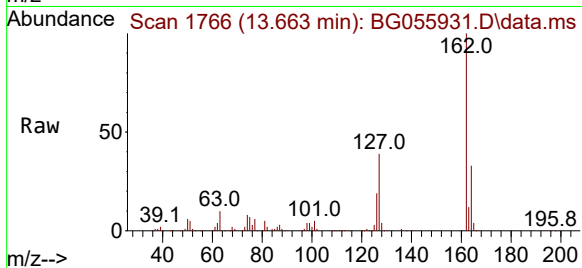
Tgt Ion:162 Resp: 217762

Ion Ratio Lower Upper

162 100

127 38.6 29.9 44.9

164 33.4 26.4 39.6



#48

2-Nitroaniline

Concen: 52.724 ng

RT: 13.863 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

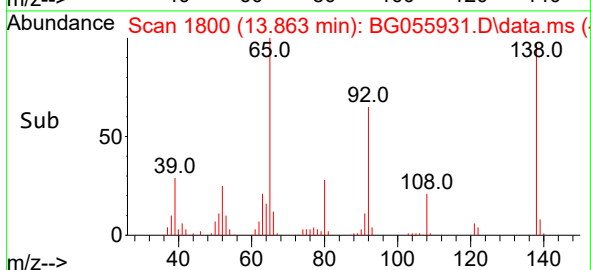
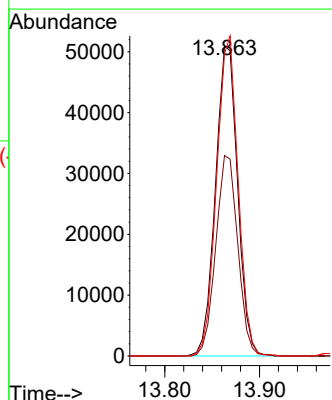
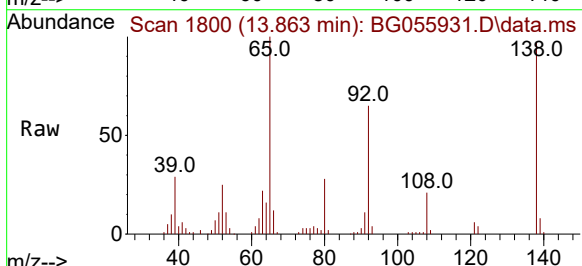
Tgt Ion: 65 Resp: 82757

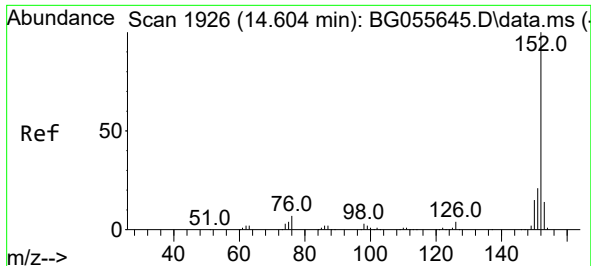
Ion Ratio Lower Upper

65 100

92 64.6 50.1 75.1

138 97.4 79.4 119.0

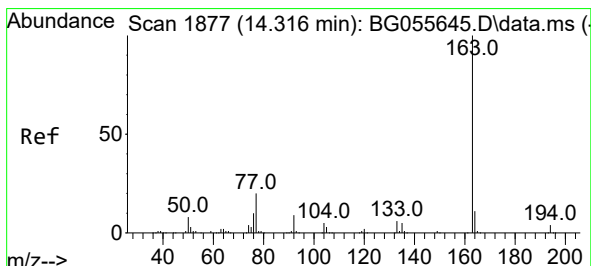
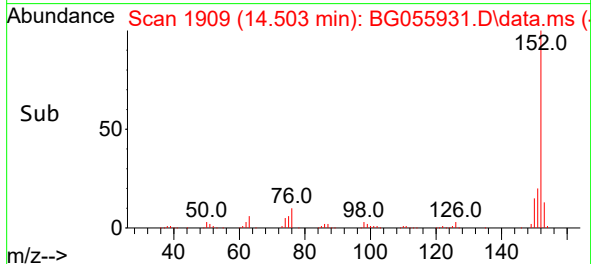
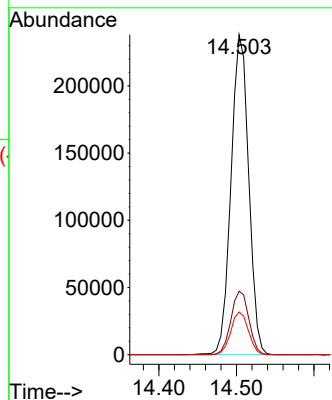
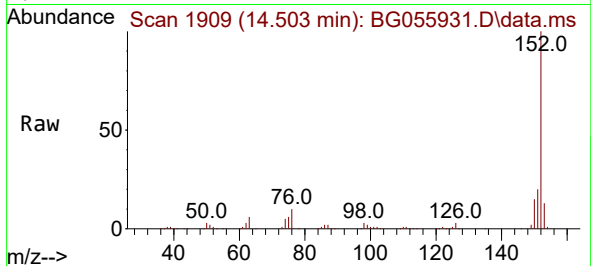




#49
Acenaphthylene
Concen: 47.830 ng
RT: 14.503 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

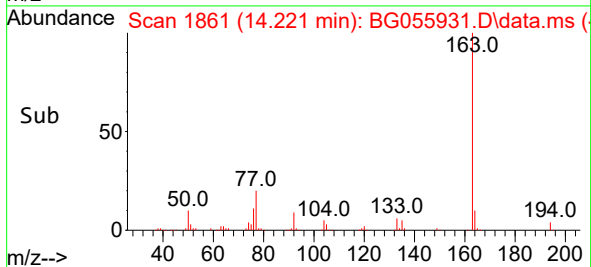
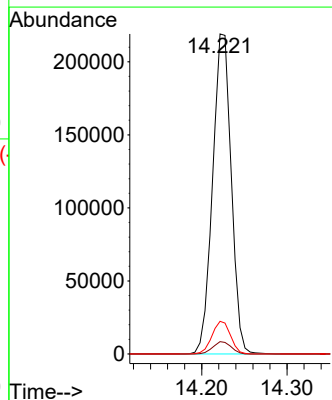
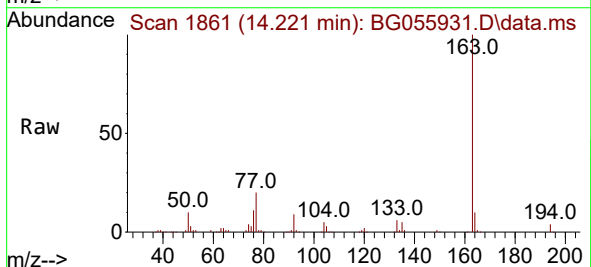
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

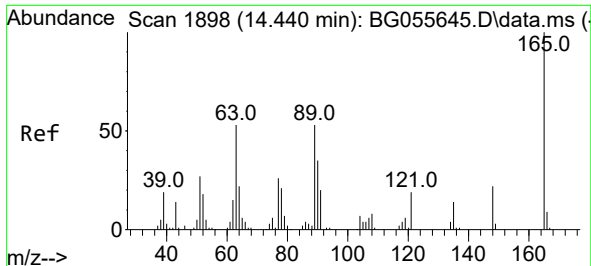
Tgt Ion:152 Resp: 376024
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.3 11.0 16.4



#50
Dimethylphthalate
Concen: 49.658 ng
RT: 14.221 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:163 Resp: 333658
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 8.6 12.8

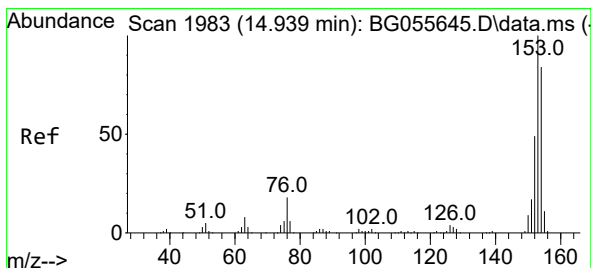
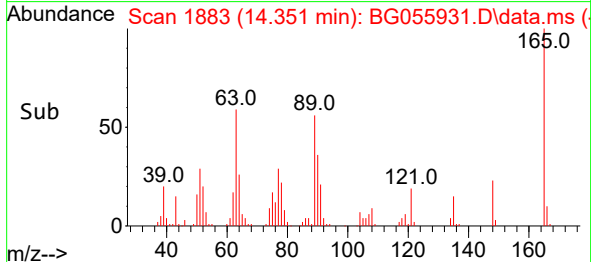
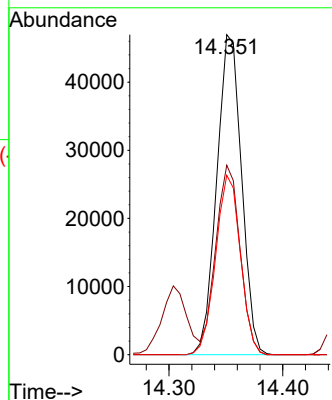
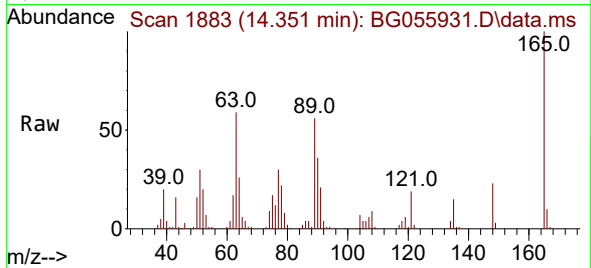




#51
2,6-Dinitrotoluene
Concen: 51.932 ng
RT: 14.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

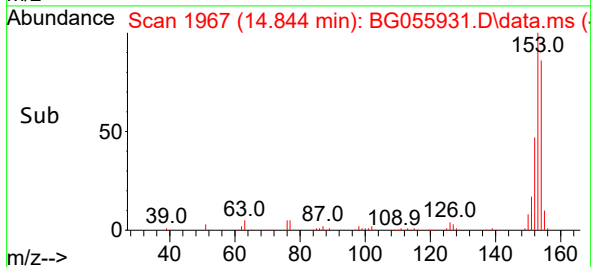
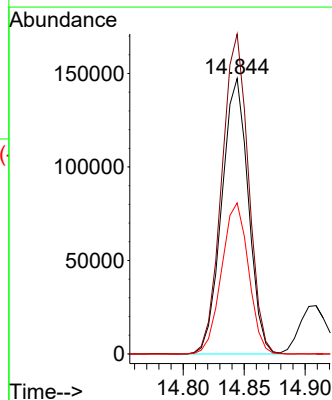
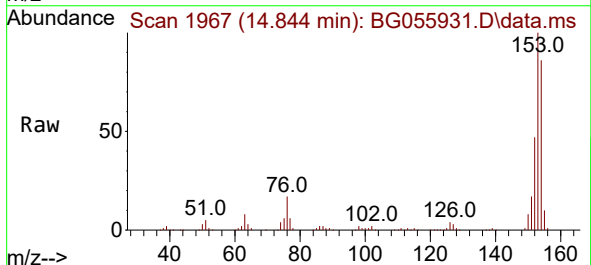
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

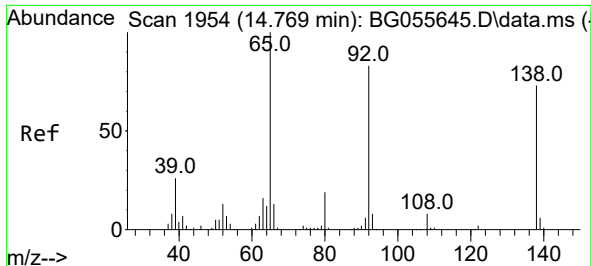
Tgt Ion:165 Resp: 71348
Ion Ratio Lower Upper
165 100
63 59.2 44.6 66.8
89 56.0 42.2 63.4



#52
Acenaphthene
Concen: 43.476 ng
RT: 14.844 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:154 Resp: 223388
Ion Ratio Lower Upper
154 100
153 116.2 95.0 142.4
152 54.8 46.1 69.1

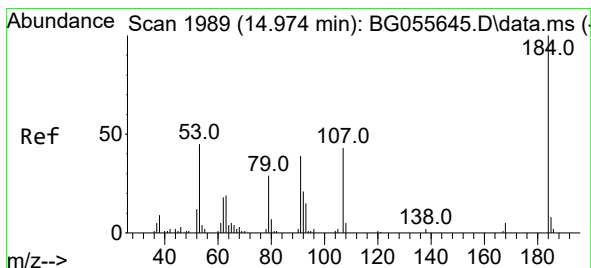
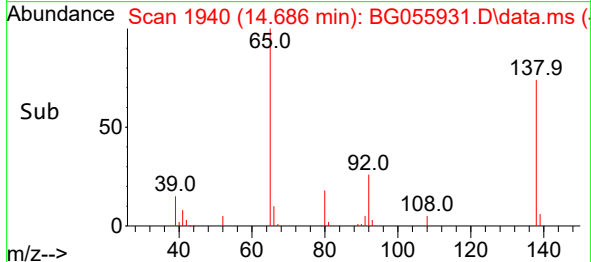
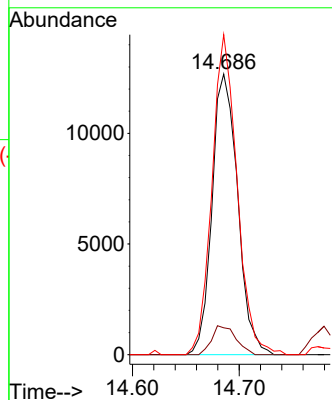
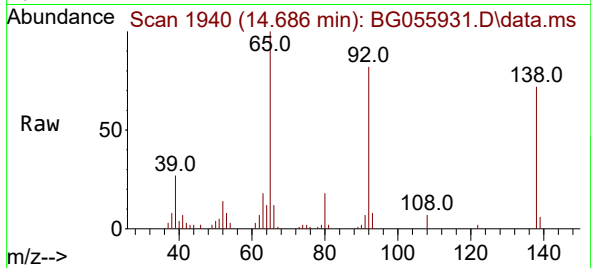




#53
3-Nitroaniline
Concen: 14.014 ng
RT: 14.686 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

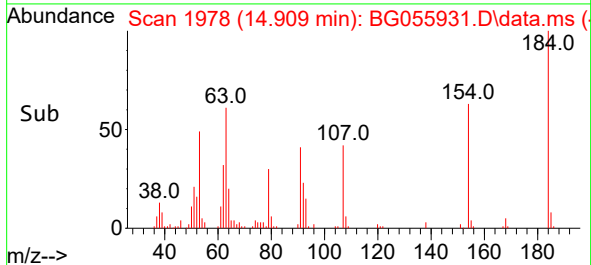
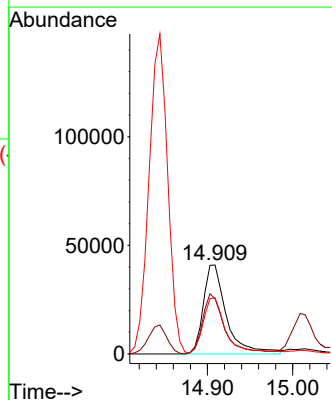
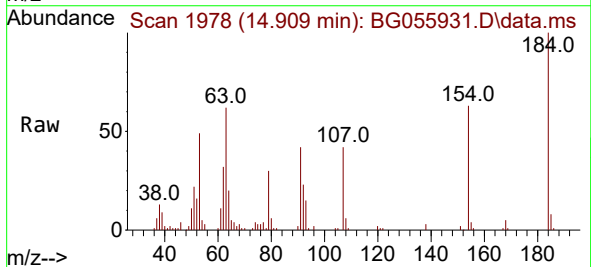
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

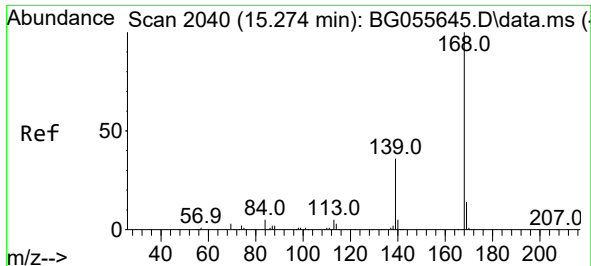
Tgt Ion:138 Resp: 21135
Ion Ratio Lower Upper
138 100
108 9.6 8.5 12.7
92 114.0 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 97.879 ng
RT: 14.909 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:184 Resp: 77316
Ion Ratio Lower Upper
184 100
63 62.0 49.5 74.3
154 63.0 52.0 78.0

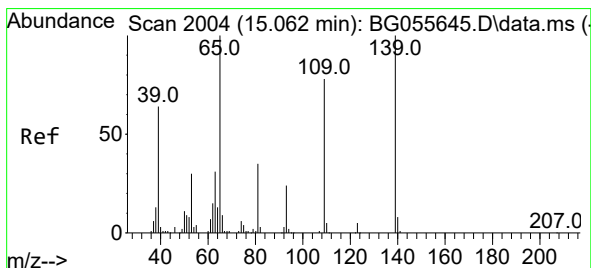
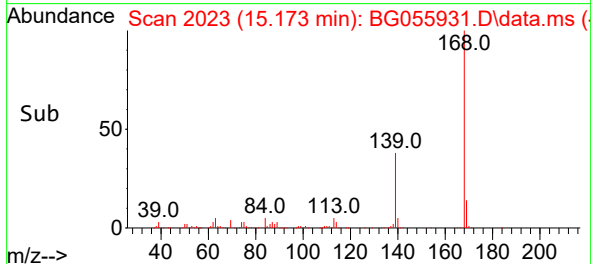
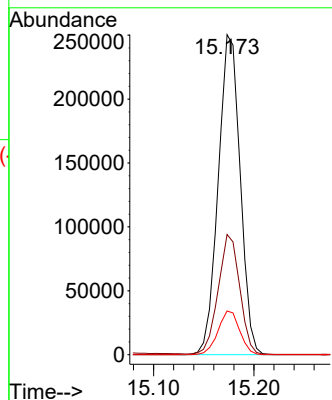
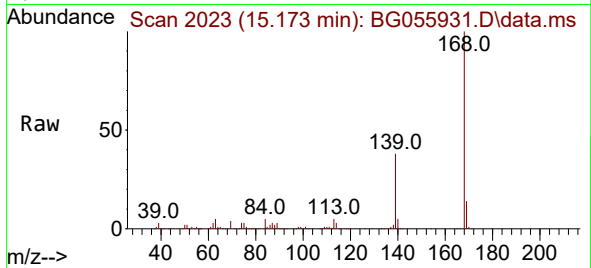




#55
Dibenzofuran
Concen: 47.925 ng
RT: 15.173 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

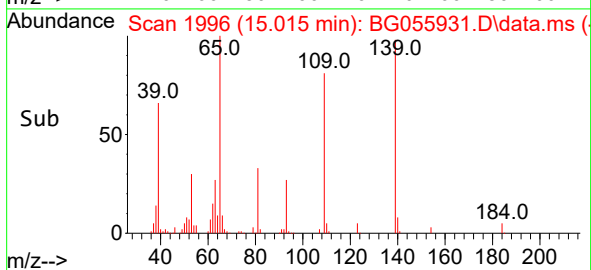
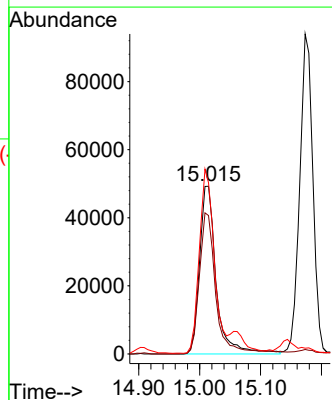
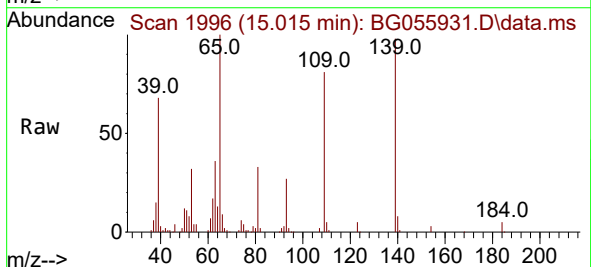
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

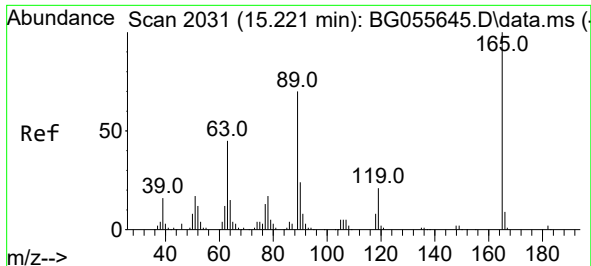
Tgt Ion:168 Resp: 379881
Ion Ratio Lower Upper
168 100
139 37.5 28.8 43.2
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 79.300 ng
RT: 15.015 min Scan# 1996
Delta R.T. 0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:139 Resp: 93867
Ion Ratio Lower Upper
139 100
109 82.5 58.6 98.6
65 102.1 80.5 120.5

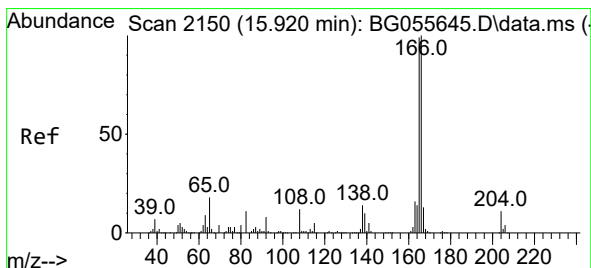
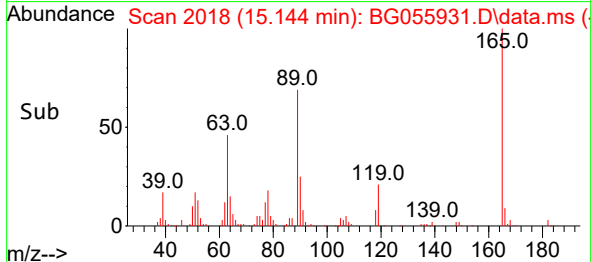
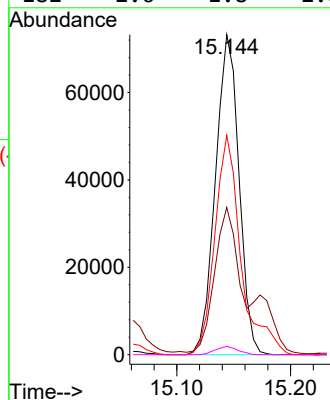
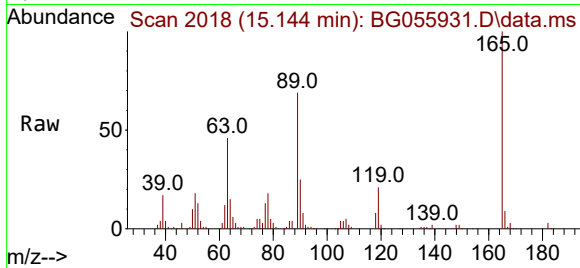




#57
2,4-Dinitrotoluene
Concen: 54.467 ng
RT: 15.144 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

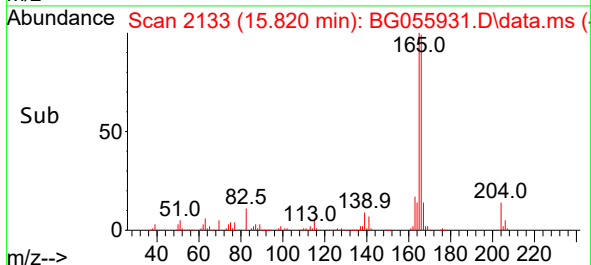
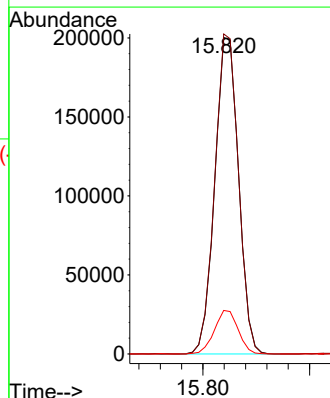
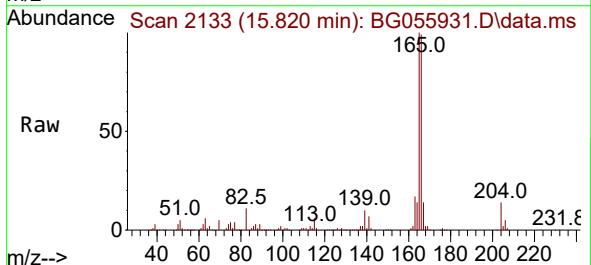
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

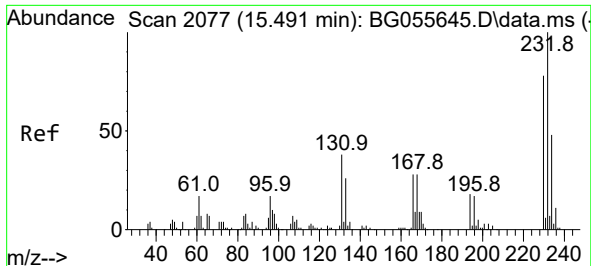
Tgt Ion:165 Resp: 105503
Ion Ratio Lower Upper
165 100
63 46.0 35.8 53.8
89 68.5 56.2 84.4
182 2.6 1.8 2.8



#58
Fluorene
Concen: 48.812 ng
RT: 15.820 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:166 Resp: 309019
Ion Ratio Lower Upper
166 100
165 101.1 79.3 118.9
167 13.8 10.6 15.8

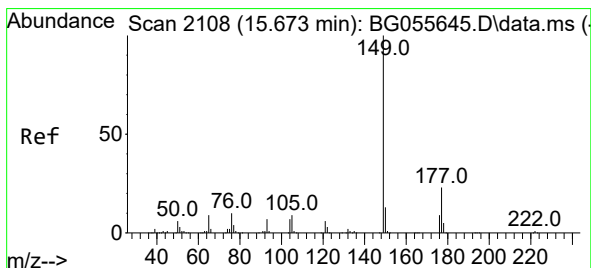
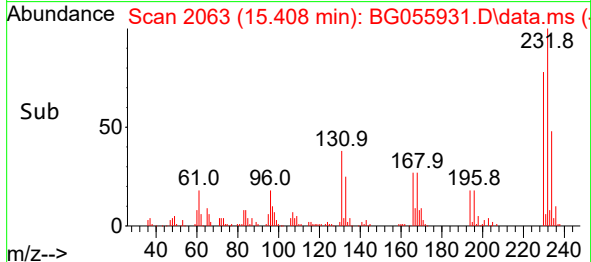
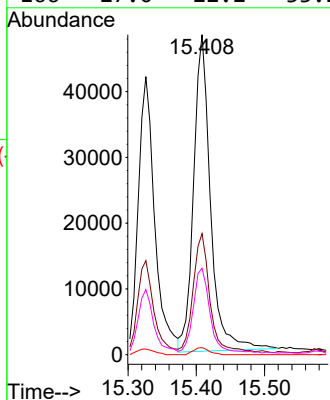
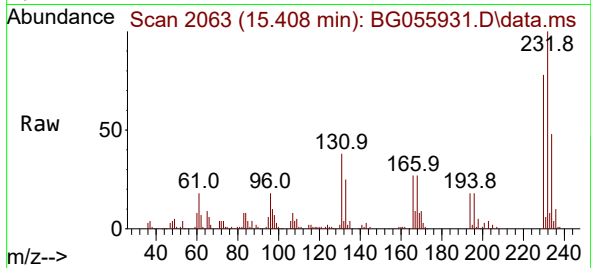




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.062 ng
RT: 15.408 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

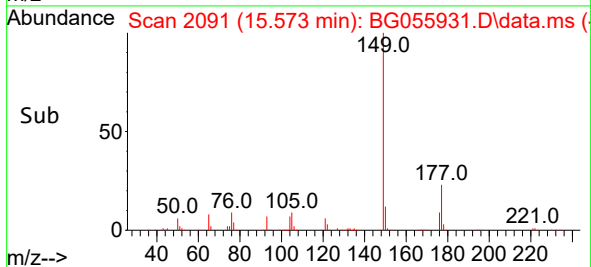
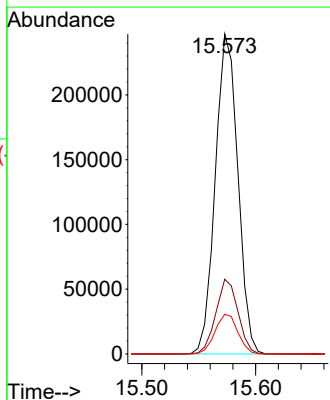
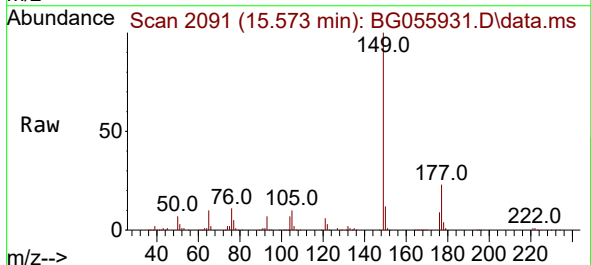
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

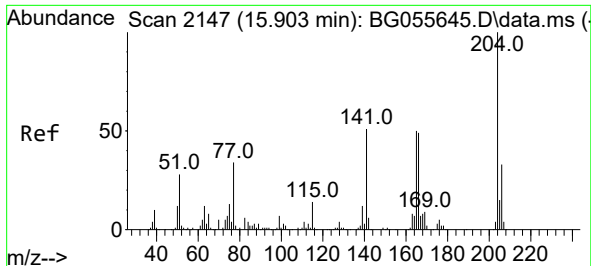
Tgt Ion:232 Resp: 82851
Ion Ratio Lower Upper
232 100
131 36.5 29.8 44.8
130 2.1 1.7 2.5
166 27.0 22.2 33.2



#60
Diethylphthalate
Concen: 50.137 ng
RT: 15.573 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:149 Resp: 340598
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.4 10.0 15.0

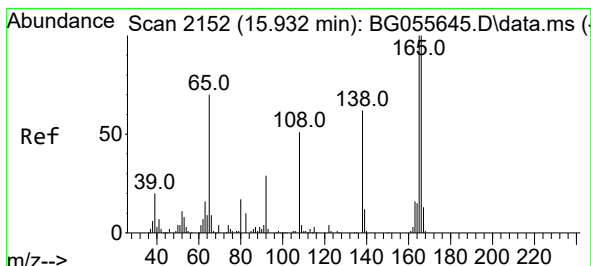
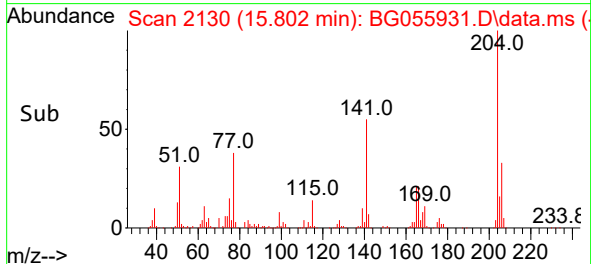
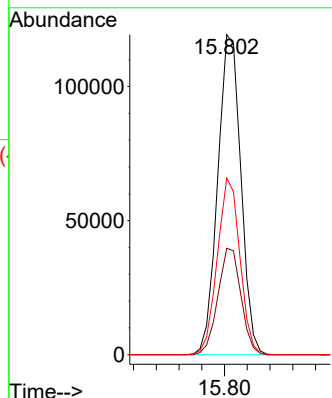
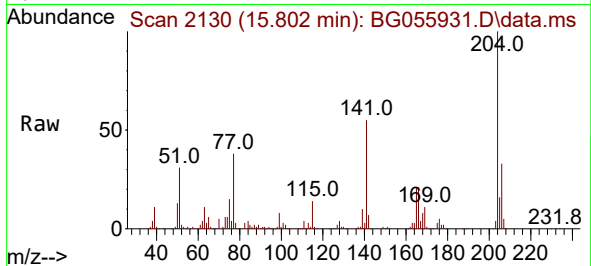




#61
4-Chlorophenyl-phenylether
Concen: 48.489 ng
RT: 15.802 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

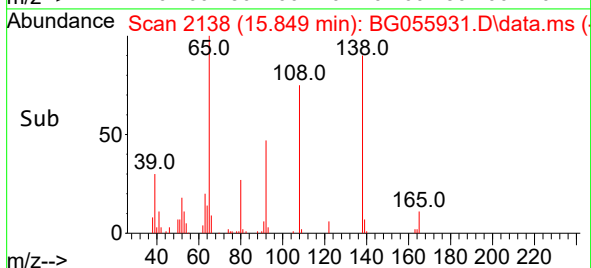
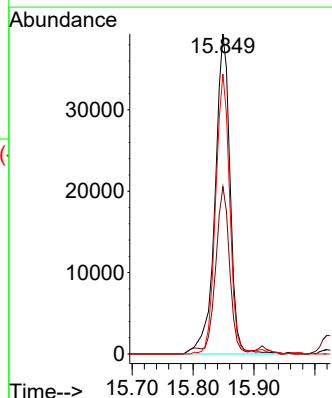
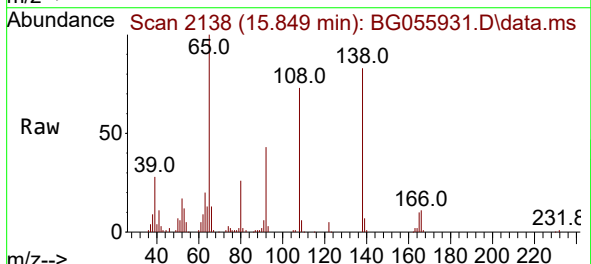
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

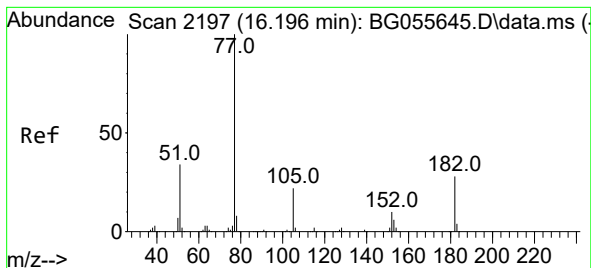
Tgt Ion:204 Resp: 168744
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 55.1 40.6 61.0



#62
4-Nitroaniline
Concen: 42.631 ng
RT: 15.849 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:138 Resp: 67209
Ion Ratio Lower Upper
138 100
92 52.3 27.3 67.3
108 87.5 62.8 102.8





#63

Azobenzene

Concen: 49.641 ng

RT: 16.102 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

Tgt Ion: 77 Resp: 294409

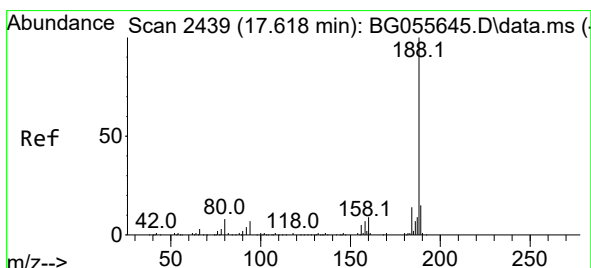
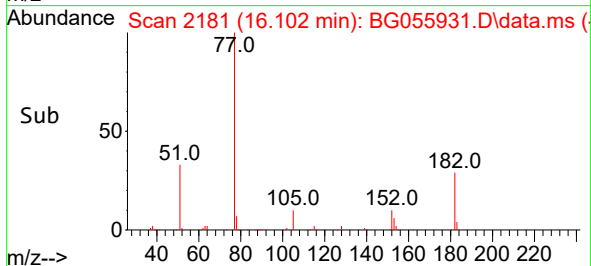
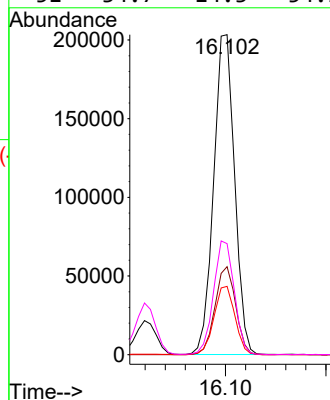
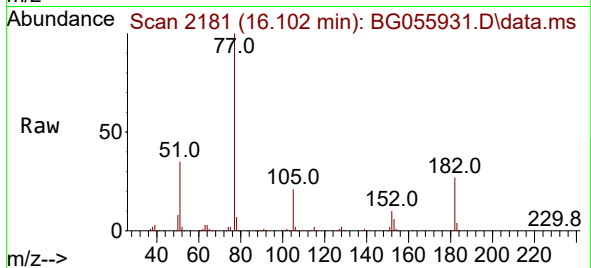
Ion Ratio Lower Upper

77 100

182 27.5 8.1 48.1

105 21.4 1.8 41.8

51 34.7 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.523 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

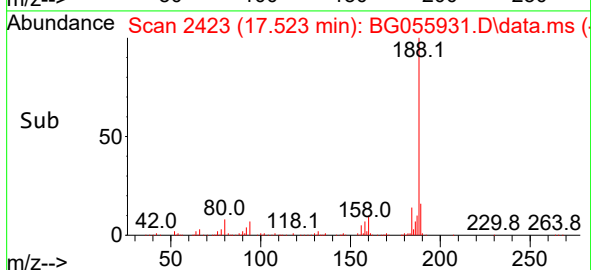
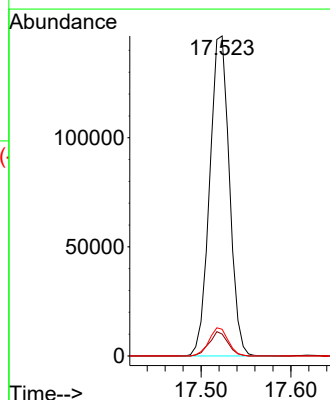
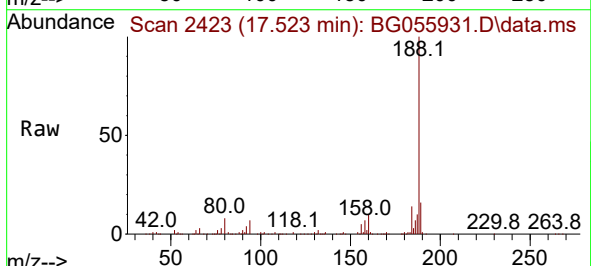
Tgt Ion:188 Resp: 223277

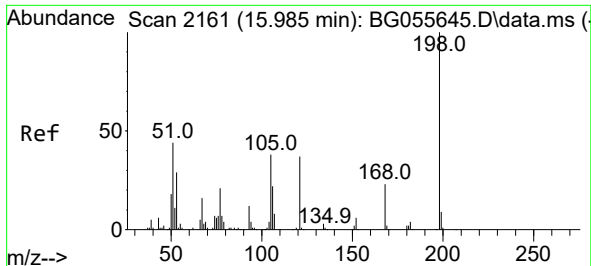
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 8.3 6.6 10.0

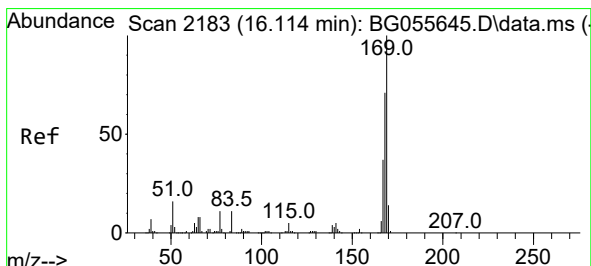
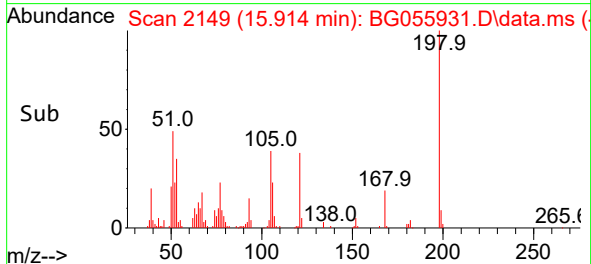
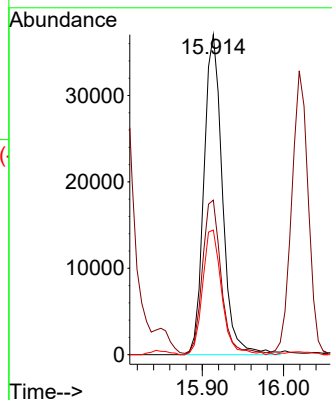
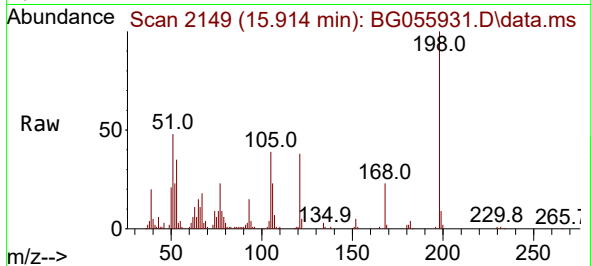




#65
4,6-Dinitro-2-methylphenol
Concen: 47.067 ng
RT: 15.914 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

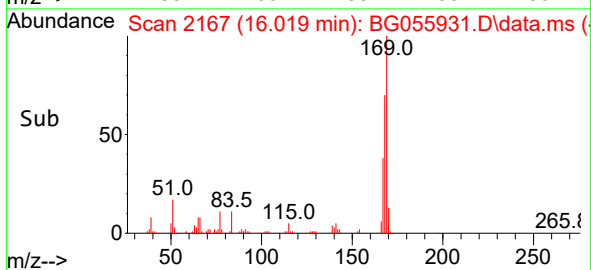
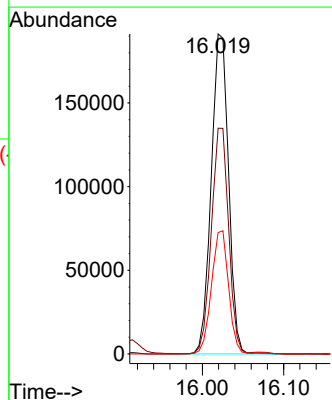
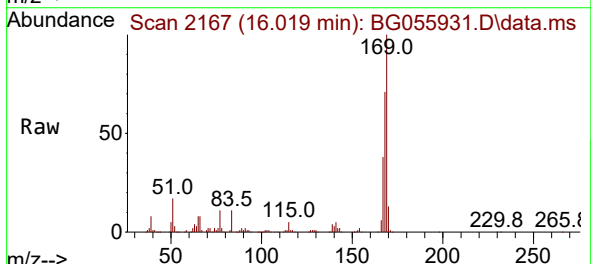
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

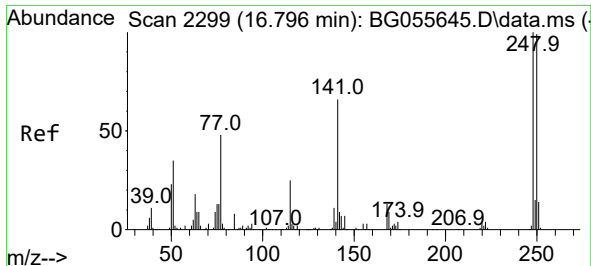
Tgt Ion:198 Resp: 58681
Ion Ratio Lower Upper
198 100
51 48.3 27.7 67.7
105 38.9 19.3 59.3



#66
n-Nitrosodiphenylamine
Concen: 45.932 ng
RT: 16.019 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

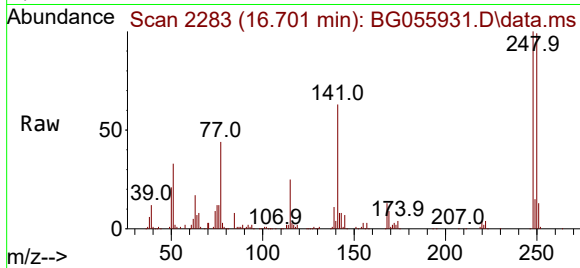
Tgt Ion:169 Resp: 282635
Ion Ratio Lower Upper
169 100
168 70.5 56.6 85.0
167 37.9 29.9 44.9



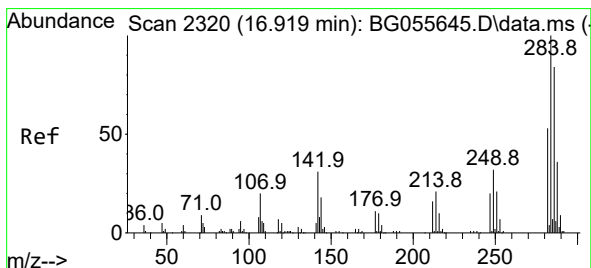
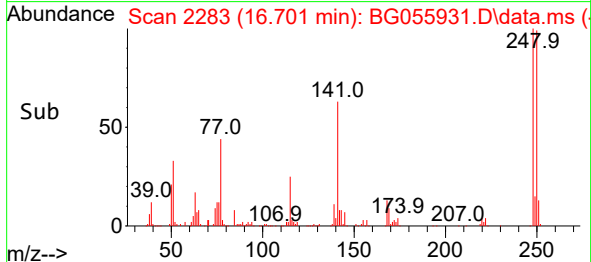
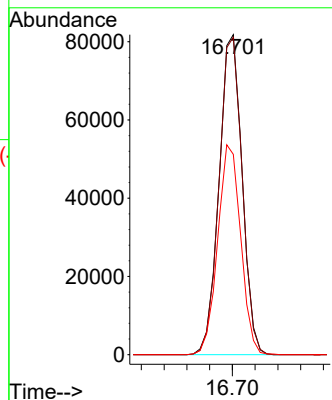


#67
4-Bromophenyl-phenylether
Concen: 45.275 ng
RT: 16.701 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

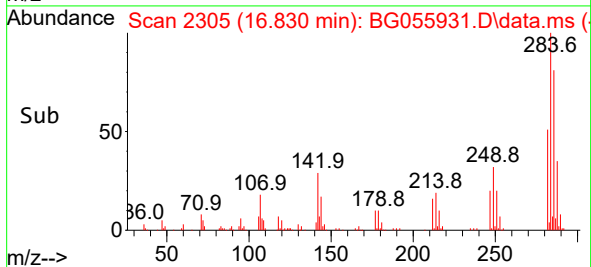
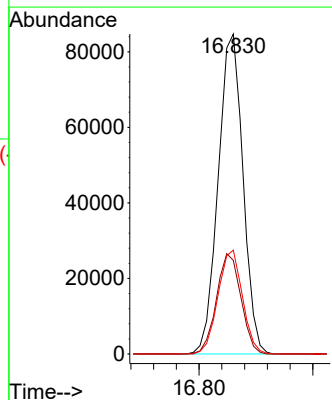
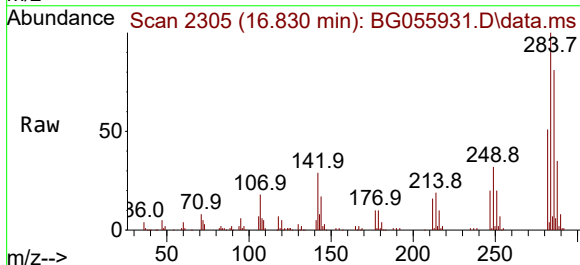


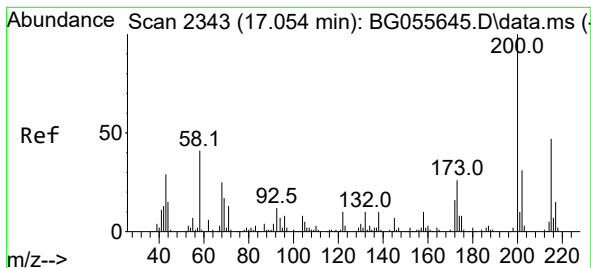
Tgt Ion:248 Resp: 115180
Ion Ratio Lower Upper
248 100
250 99.2 79.0 118.4
141 62.6 52.9 79.3



#68
Hexachlorobenzene
Concen: 45.457 ng
RT: 16.830 min Scan# 2305
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:284 Resp: 128228
Ion Ratio Lower Upper
284 100
142 29.3 24.8 37.2
249 32.4 25.7 38.5





#69

Atrazine

Concen: 43.966 ng

RT: 16.959 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

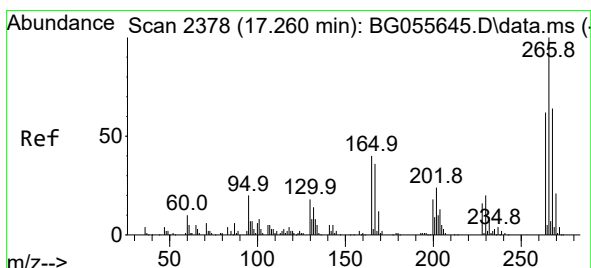
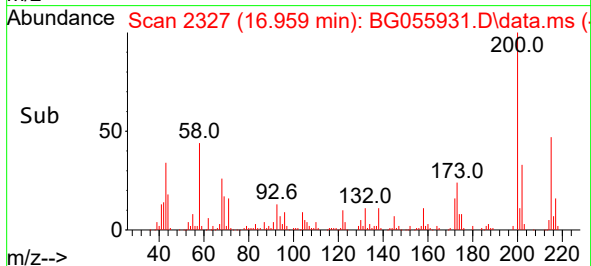
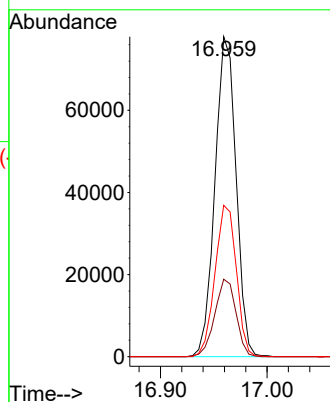
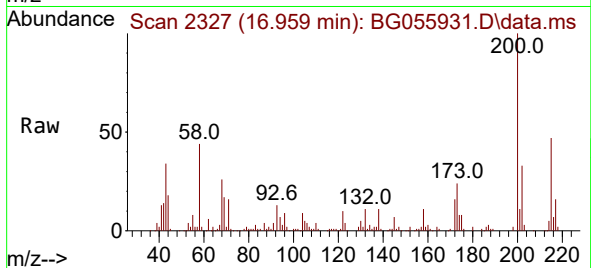
Tgt Ion:200 Resp: 106997

Ion Ratio Lower Upper

200 100

173 24.2 5.6 45.6

215 47.3 27.2 67.2



#70

Pentachlorophenol

Concen: 58.320 ng

RT: 17.183 min Scan# 2365

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

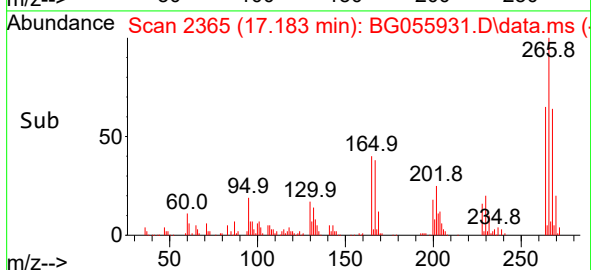
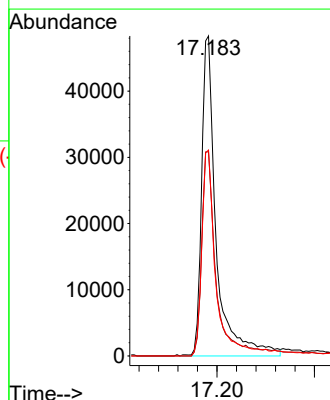
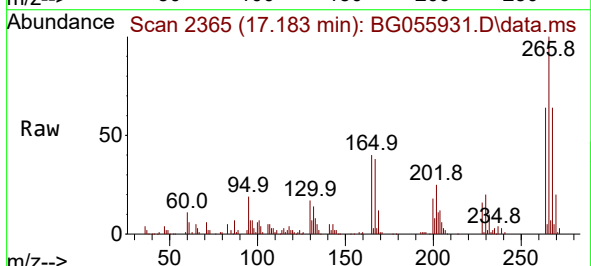
Tgt Ion:266 Resp: 100637

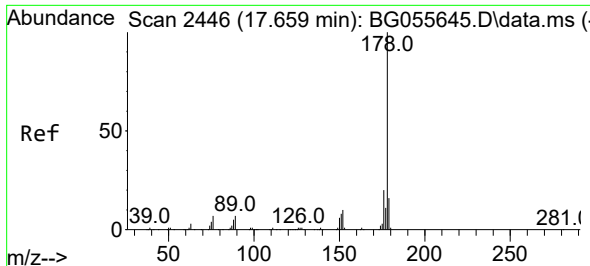
Ion Ratio Lower Upper

266 100

268 68.7 51.2 76.8

264 64.3 49.5 74.3

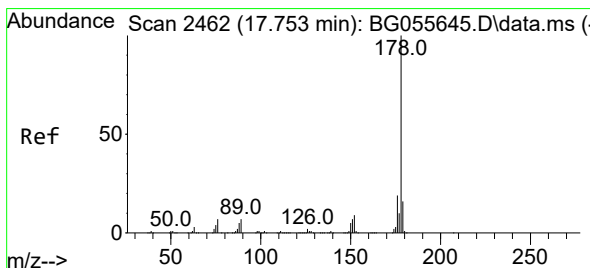
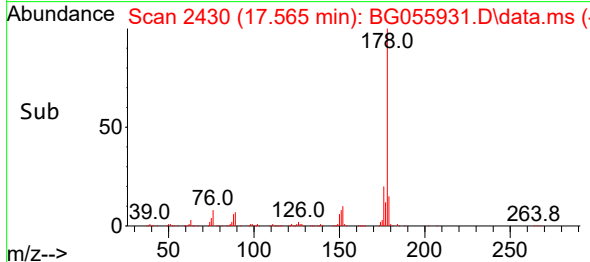
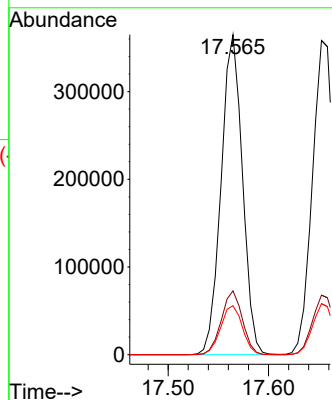
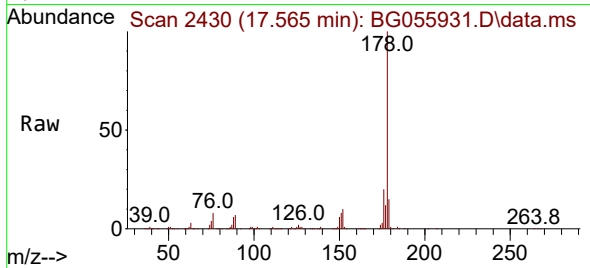




#71
Phenanthrene
Concen: 44.642 ng
RT: 17.565 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

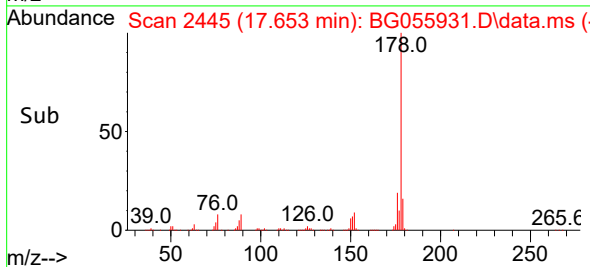
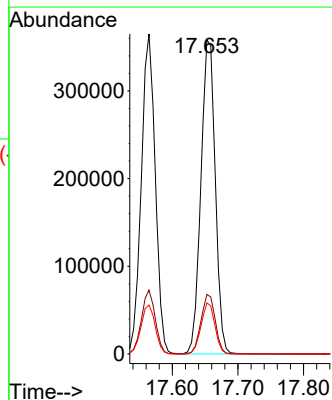
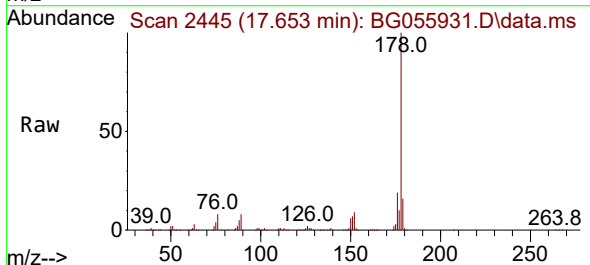
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

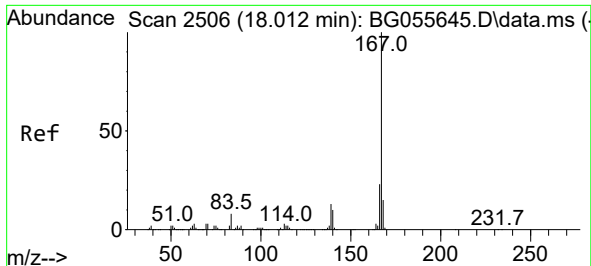
Tgt Ion:178 Resp: 537887
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.3 12.7 19.1



#72
Anthracene
Concen: 46.647 ng
RT: 17.653 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:178 Resp: 546100
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 16.2 12.5 18.7

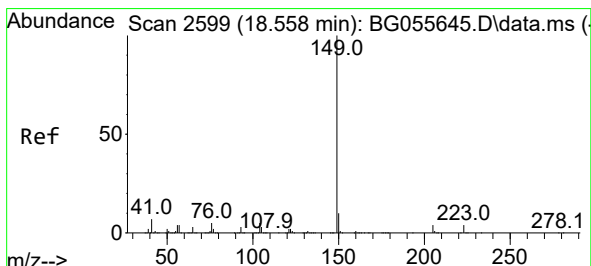
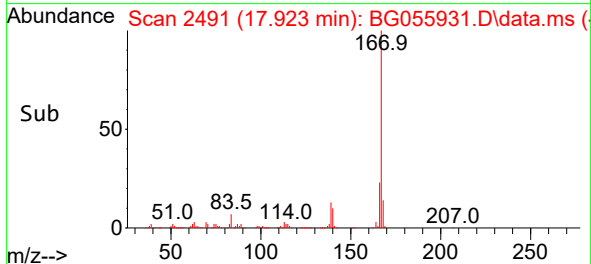
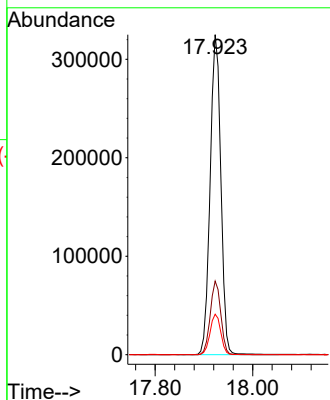
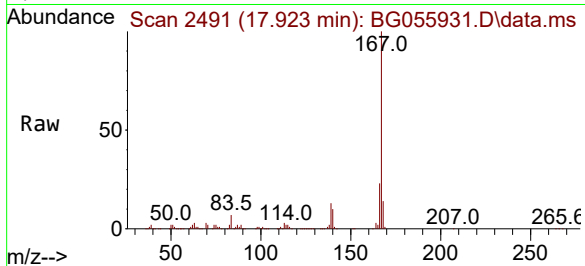




#73
 Carbazole
 Concen: 46.779 ng
 RT: 17.923 min Scan# 2491
 Delta R.T. -0.000 min
 Lab File: BG055931.D
 Acq: 8 Dec 2022 17:24

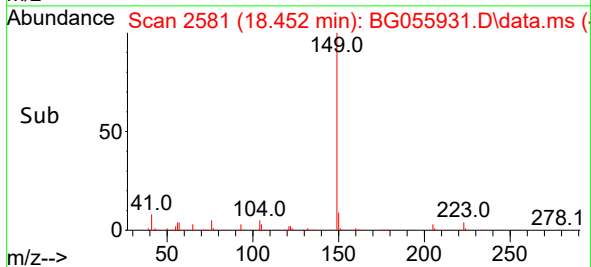
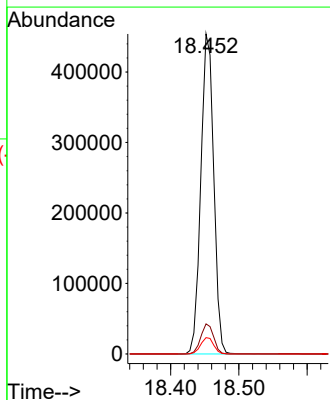
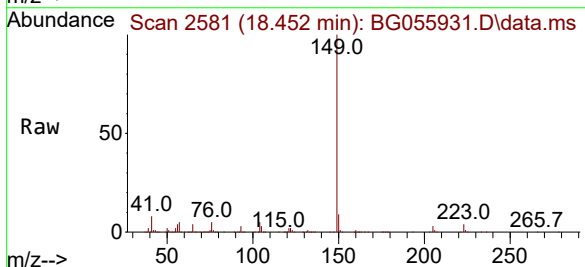
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITEMSD

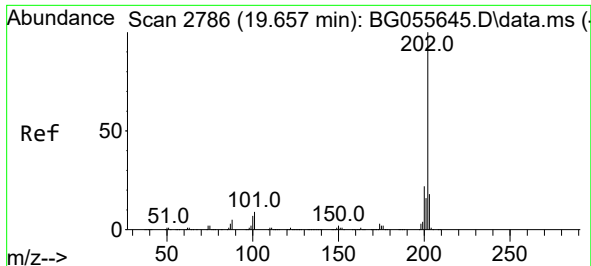
Tgt Ion:167 Resp: 492324
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.2
 139 12.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 45.646 ng
 RT: 18.452 min Scan# 2581
 Delta R.T. -0.006 min
 Lab File: BG055931.D
 Acq: 8 Dec 2022 17:24

Tgt Ion:149 Resp: 596517
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 5.1 4.0 6.0

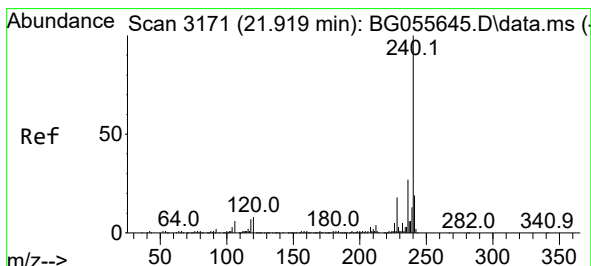
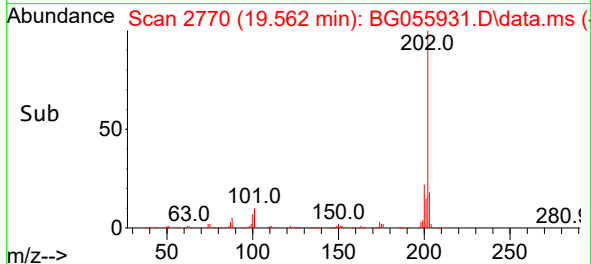
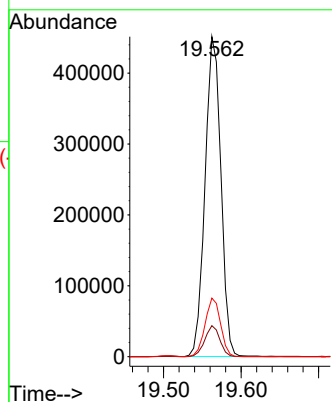
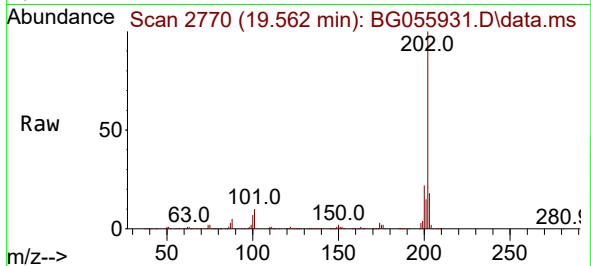




#75
Fluoranthene
Concen: 43.645 ng
RT: 19.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

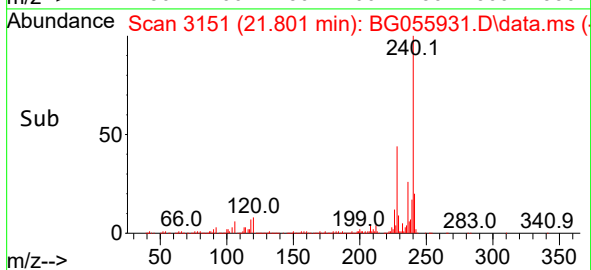
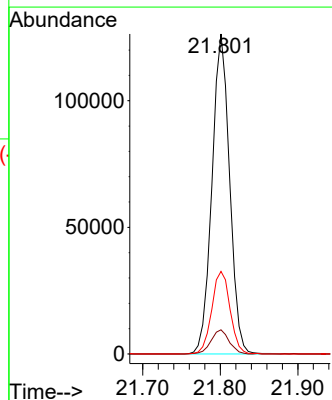
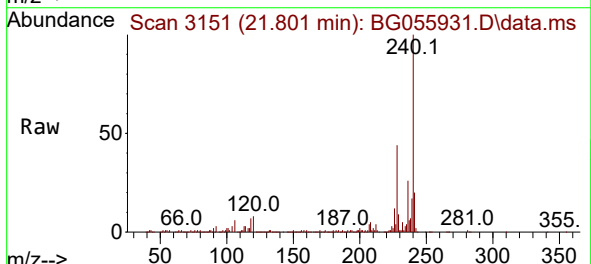
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

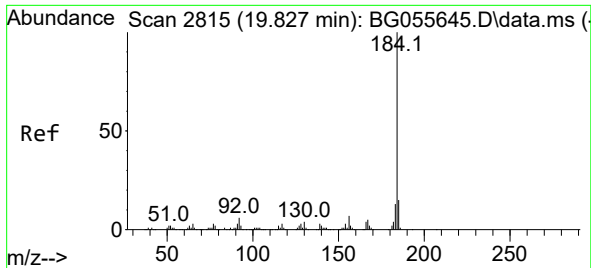
Tgt Ion:202 Resp: 639773
Ion Ratio Lower Upper
202 100
101 9.7 0.0 28.8
203 18.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.801 min Scan# 3151
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:240 Resp: 199710
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 25.8 21.9 32.9

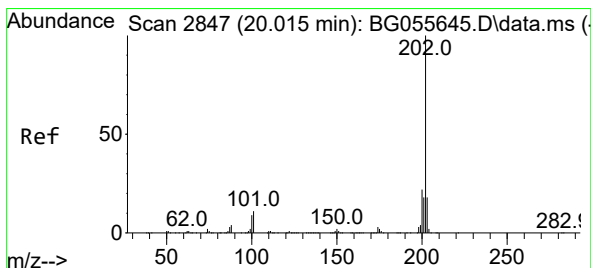
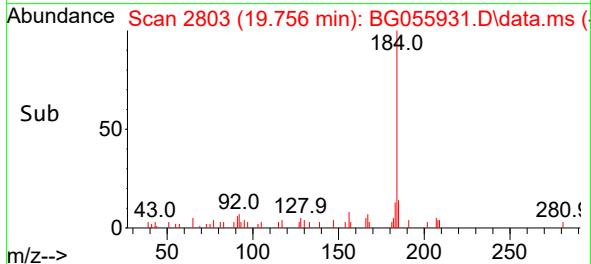
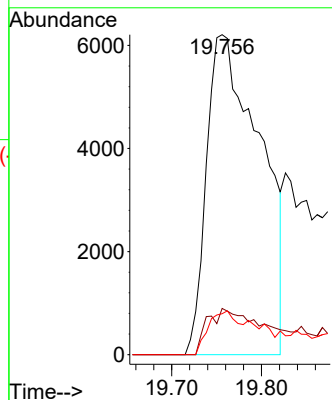
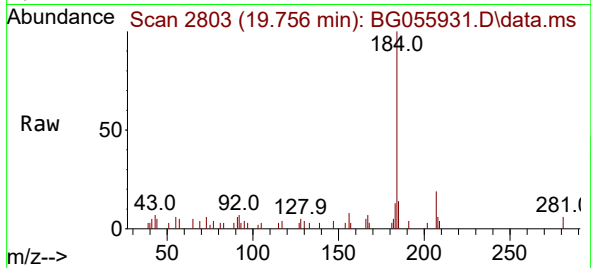




#77
Benzidine
Concen: 5.571 ng
RT: 19.756 min Scan# 2803
Delta R.T. 0.017 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

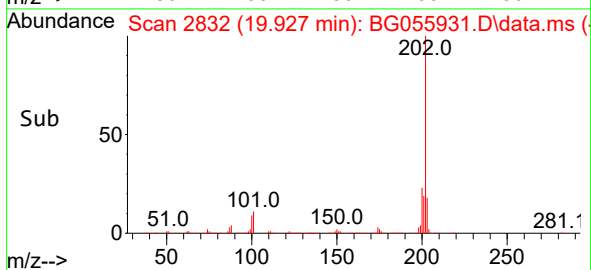
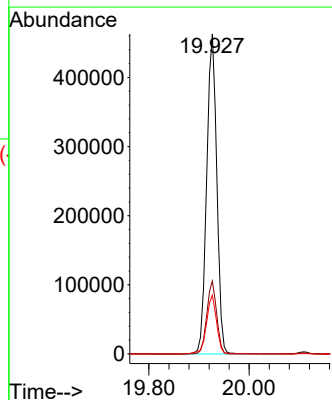
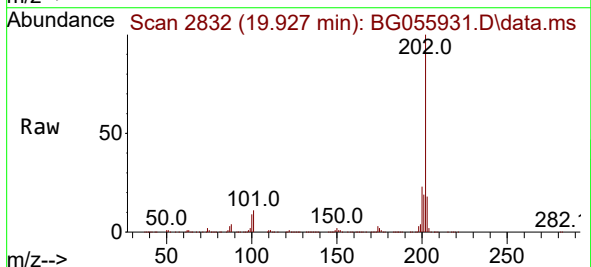
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

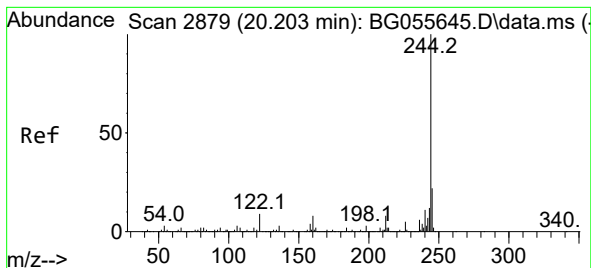
Tgt Ion:184 Resp: 25738
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 12.8 10.6 15.8



#78
Pyrene
Concen: 48.062 ng
RT: 19.927 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:202 Resp: 649706
Ion Ratio Lower Upper
202 100
200 22.8 17.8 26.6
203 18.4 14.4 21.6





#79

Terphenyl-d14

Concen: 100.203 ng

RT: 20.109 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

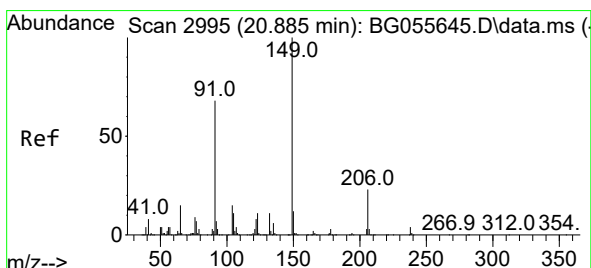
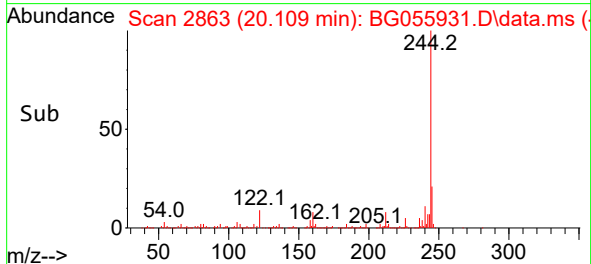
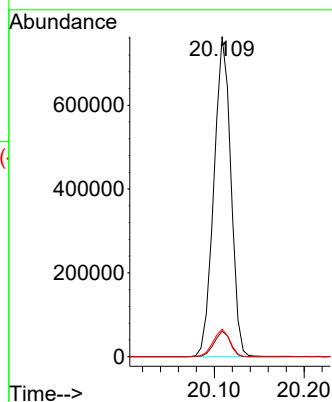
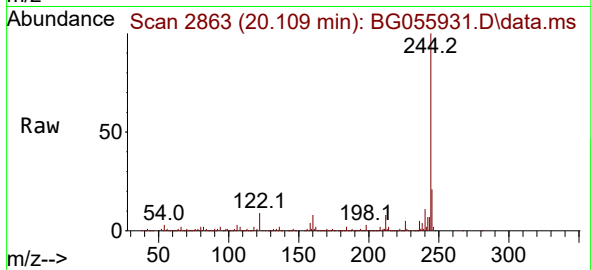
Tgt Ion:244 Resp: 1000512

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 8.6 6.9 10.3



#80

Butylbenzylphthalate

Concen: 48.440 ng

RT: 20.784 min Scan# 2978

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

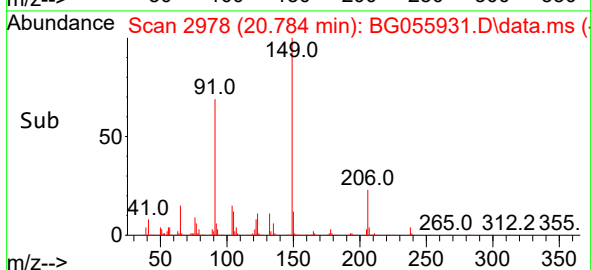
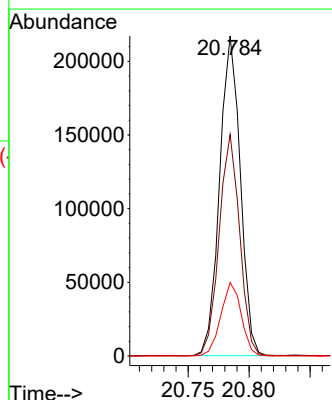
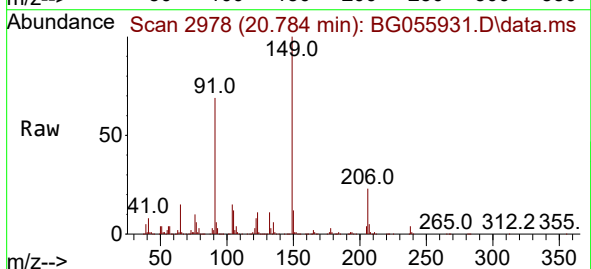
Tgt Ion:149 Resp: 256343

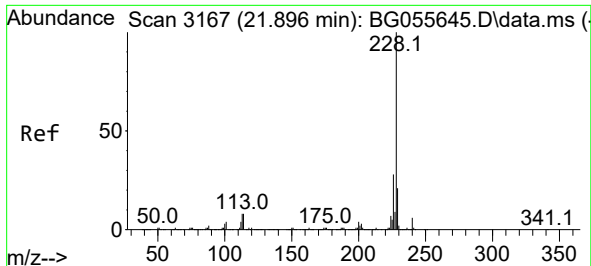
Ion Ratio Lower Upper

149 100

91 69.2 54.6 81.8

206 22.9 18.3 27.5

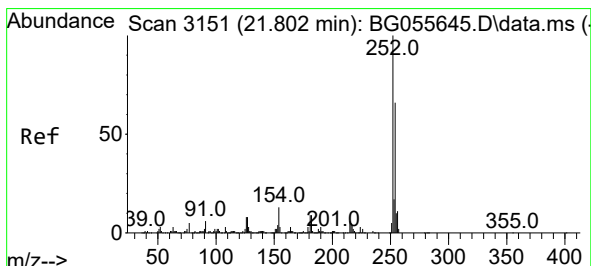
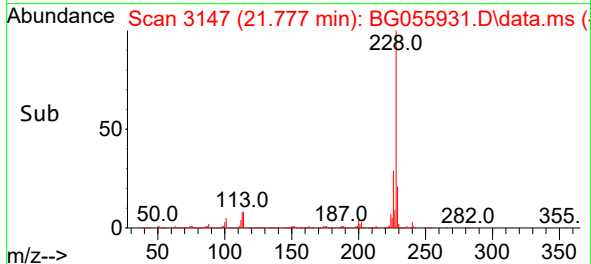
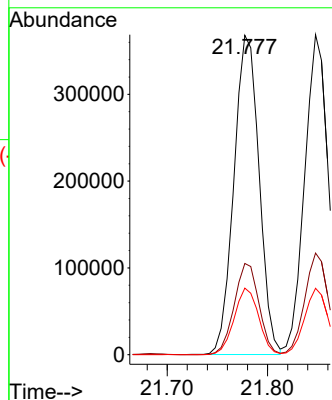
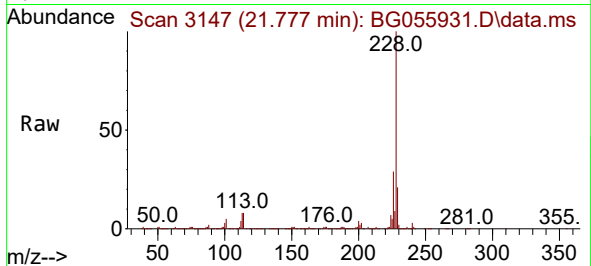




#81
Benzo(a)anthracene
Concen: 46.660 ng
RT: 21.777 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

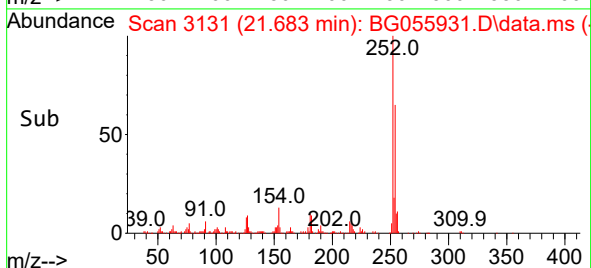
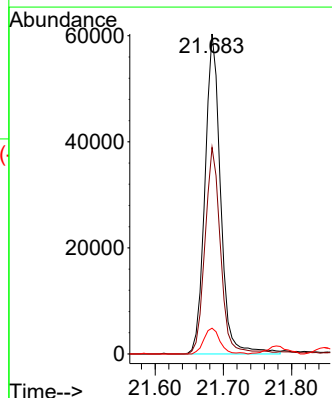
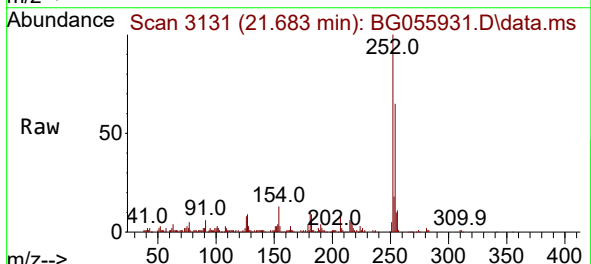
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

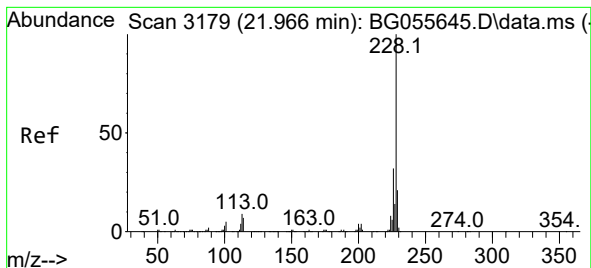
Tgt Ion:228 Resp: 641813
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 20.8 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 19.914 ng
RT: 21.683 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:252 Resp: 96250
Ion Ratio Lower Upper
252 100
254 64.5 53.0 79.6
126 8.0 6.7 10.1





#83

Chrysene

Concen: 45.928 ng

RT: 21.848 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

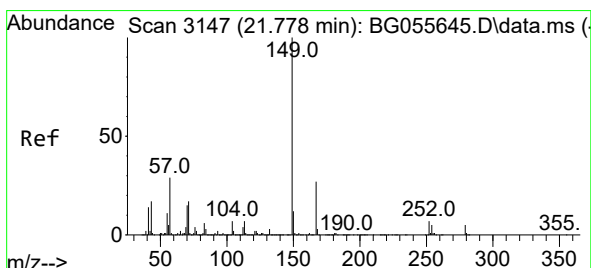
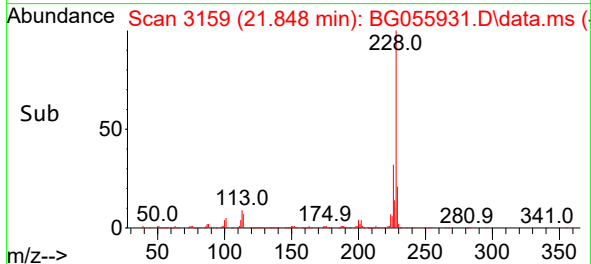
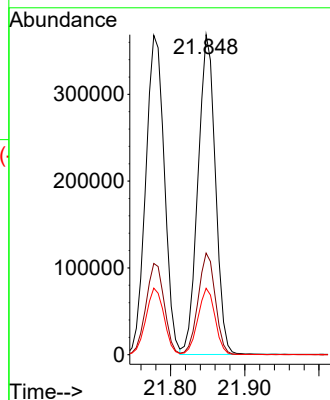
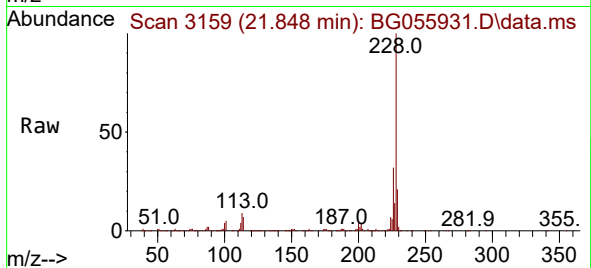
Tgt Ion:228 Resp: 601427

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.2

229 20.8 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.459 ng

RT: 21.648 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

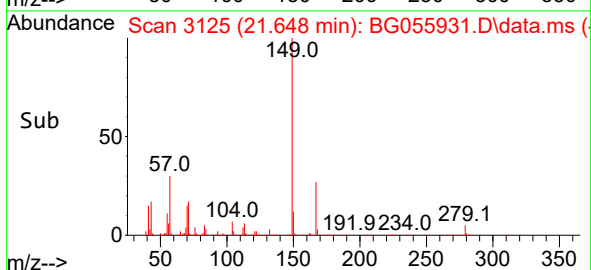
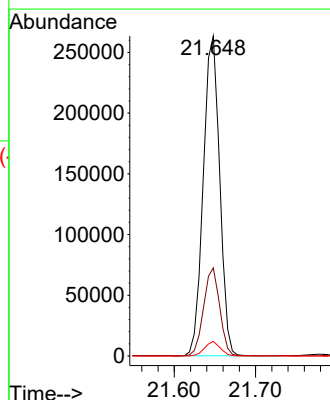
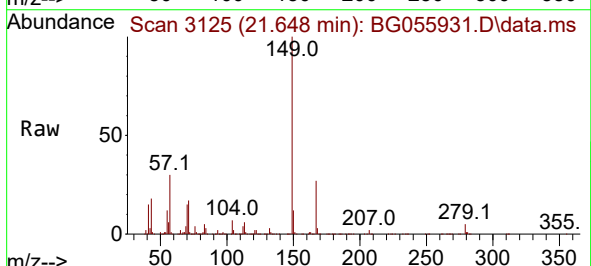
Tgt Ion:149 Resp: 368546

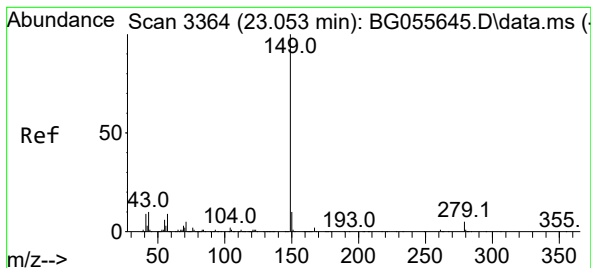
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 48.049 ng

RT: 22.882 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

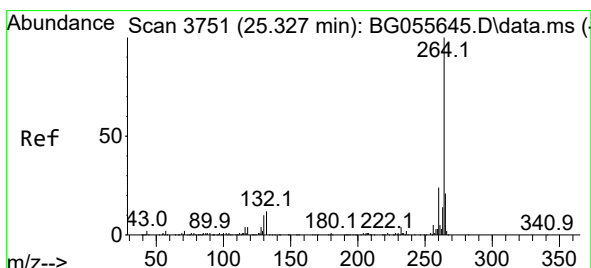
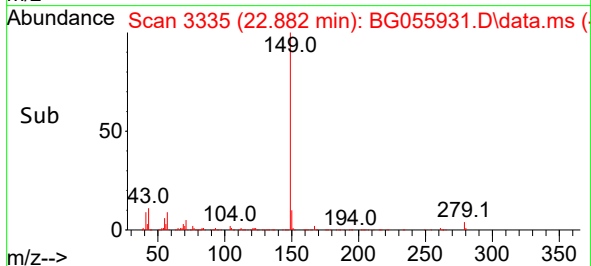
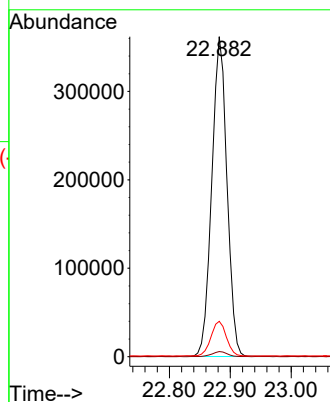
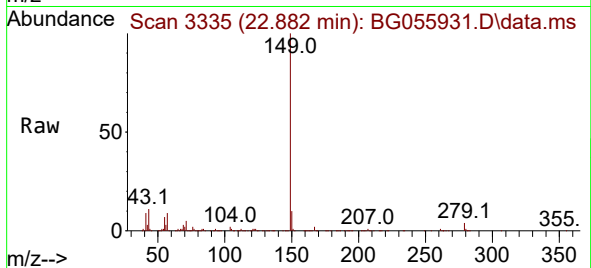
Tgt Ion:149 Resp: 625370

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.1 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.126 min Scan# 3717

Delta R.T. -0.006 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

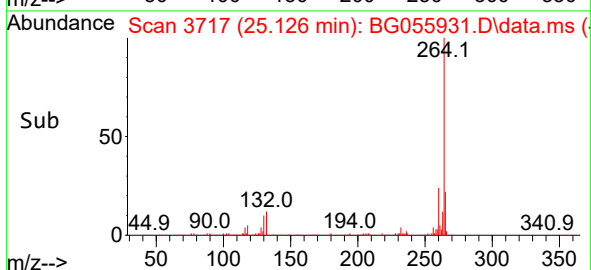
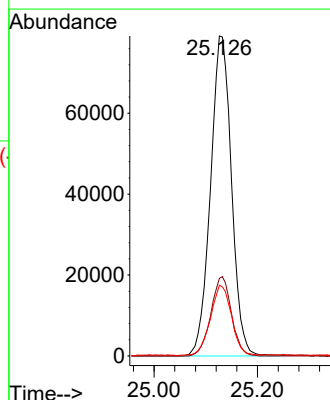
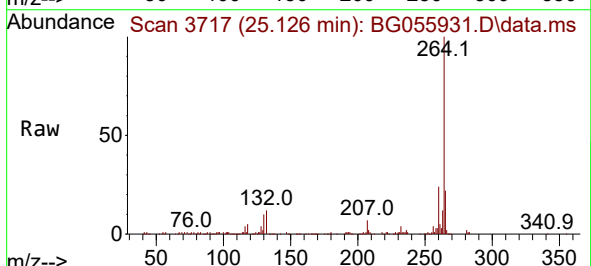
Tgt Ion:264 Resp: 222620

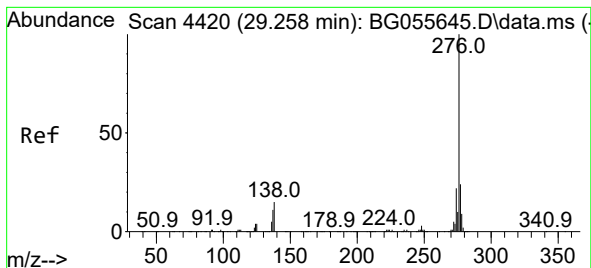
Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.1 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.497 ng

RT: 28.975 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

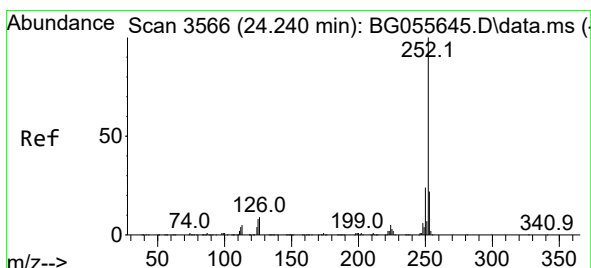
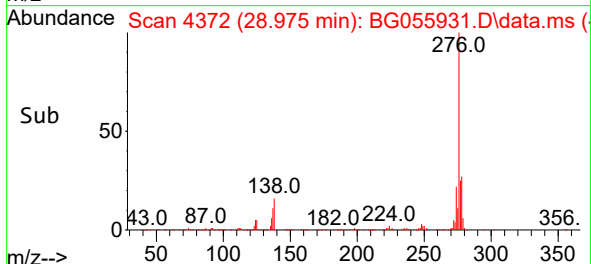
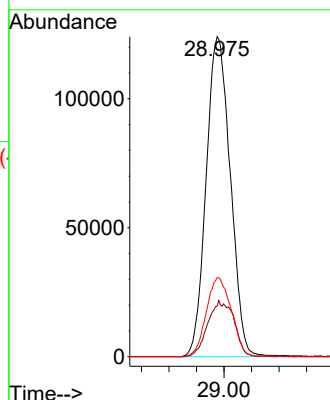
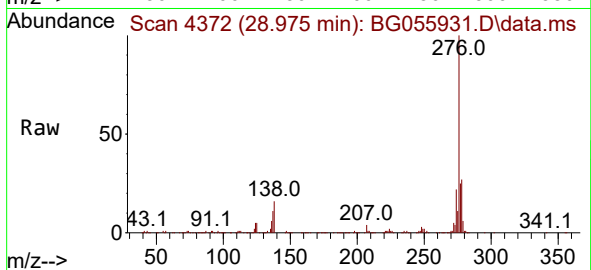
Tgt Ion:276 Resp: 756809

Ion Ratio Lower Upper

276 100

138 19.0 10.4 15.6#

277 25.6 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 46.580 ng

RT: 24.069 min Scan# 3537

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

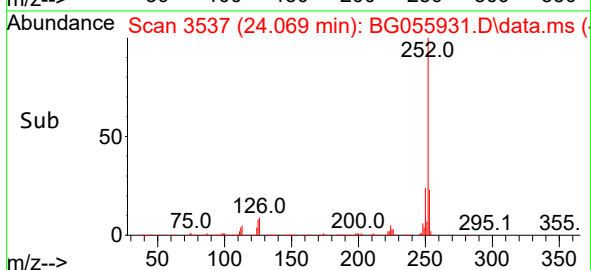
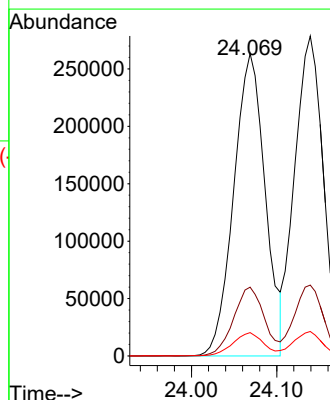
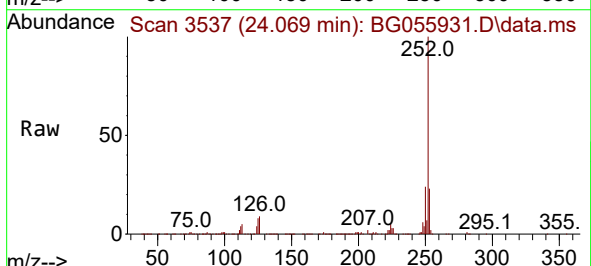
Tgt Ion:252 Resp: 675322

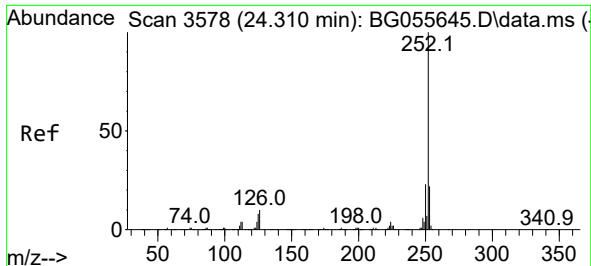
Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 7.7 6.2 9.2

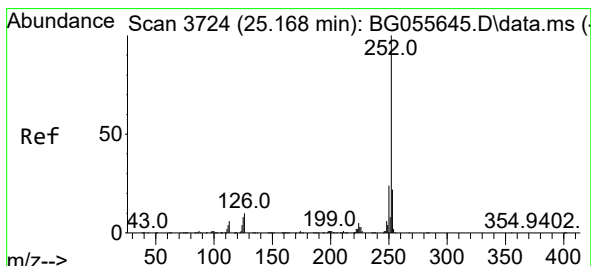
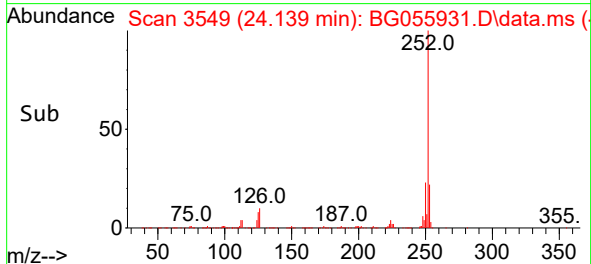
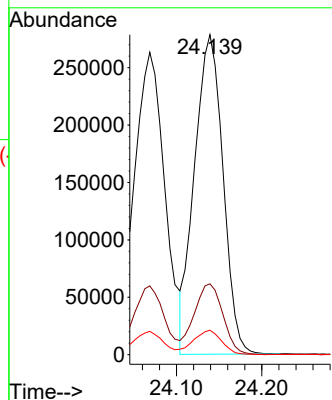
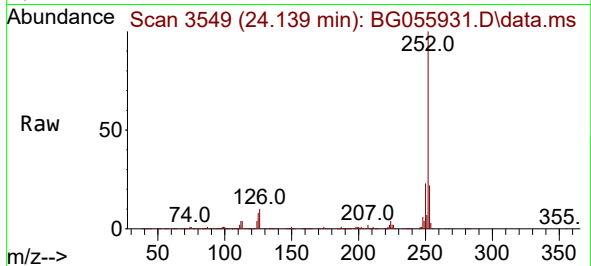




#89
Benzo(k)fluoranthene
Concen: 44.631 ng
RT: 24.139 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

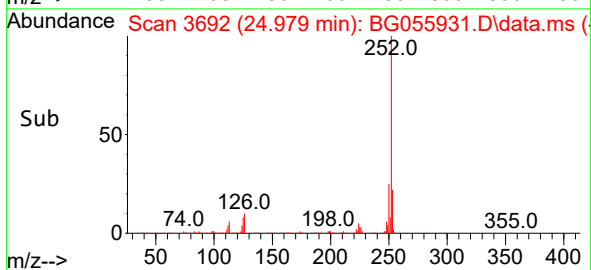
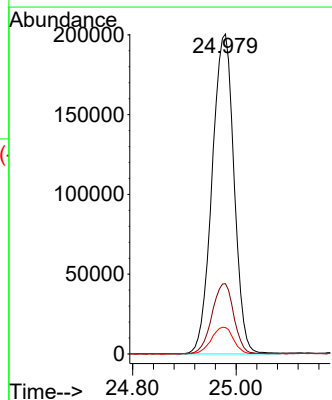
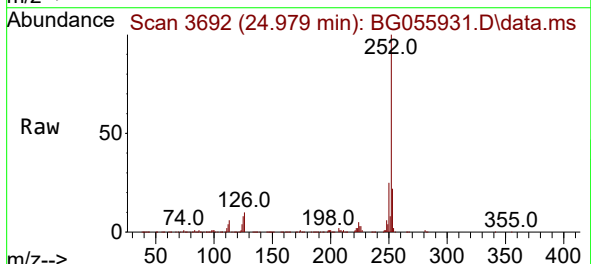
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

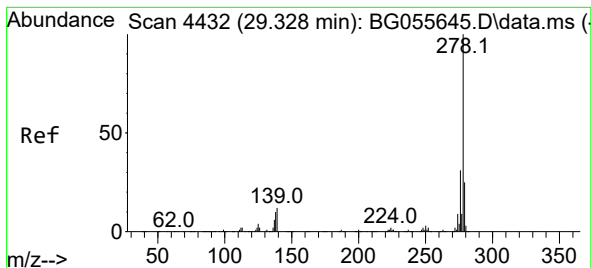
Tgt Ion:252 Resp: 645001
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.7 6.1 9.1



#90
Benzo(a)pyrene
Concen: 47.436 ng
RT: 24.979 min Scan# 3692
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:252 Resp: 590169
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 8.2 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 43.144 ng

RT: 29.028 min Scan# 41

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

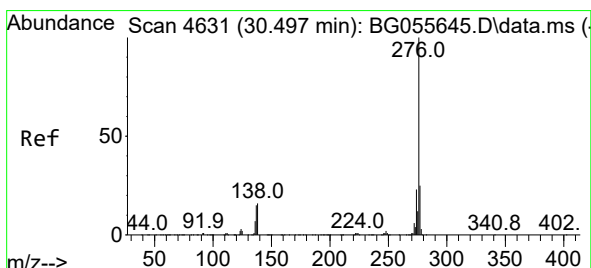
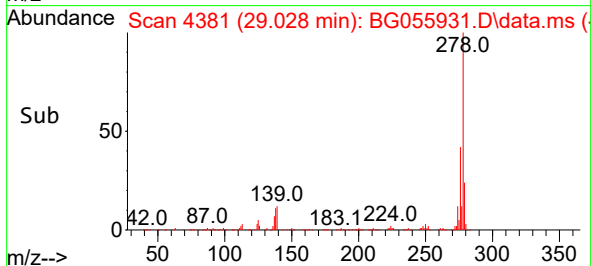
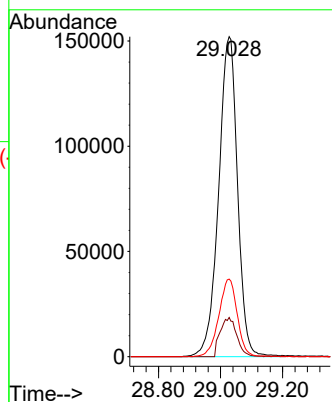
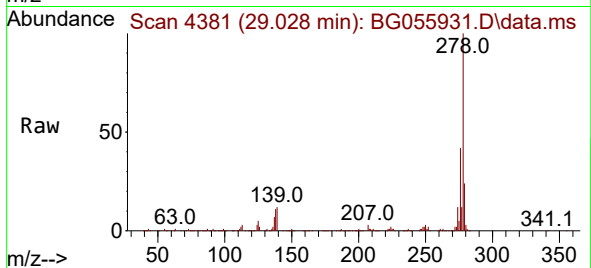
Tgt Ion:278 Resp: 642987

Ion Ratio Lower Upper

278 100

139 12.2 9.8 14.8

279 24.2 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 41.736 ng

RT: 30.191 min Scan# 4579

Delta R.T. 0.006 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Tgt Ion:276 Resp: 626902

Ion Ratio Lower Upper

276 100

277 24.1 19.8 29.6

138 15.9 13.1 19.7

