

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057649.D
 Acq On : 6 Jun 2023 23:04
 Operator : CG/JU
 Sample : 03001-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP16-0AMS

Quant Time: Jun 07 02:51:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	23891	20.000	ng	0.00
21) Naphthalene-d8	11.174	136	103446	20.000	ng	0.00
39) Acenaphthene-d10	14.957	164	77254	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	184007	20.000	ng	# 0.00
76) Chrysene-d12	22.001	240	161507	20.000	ng	0.00
86) Perylene-d12	25.490	264	173145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	158801	115.477	ng	0.00
7) Phenol-d6	7.491	99	238608	110.871	ng	0.00
23) Nitrobenzene-d5	9.518	82	141872	64.110	ng	0.00
42) 2,4,6-Tribromophenol	16.444	330	106927	86.451	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	330961	61.567	ng	0.00
79) Terphenyl-d14	20.262	244	569111	61.039	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.649	88	26042	45.707	ng	95
3) Pyridine	4.072	79	68368	39.249	ng	98
4) n-Nitrosodimethylamine	3.984	42	32775	46.503	ng	89
6) Aniline	7.655	93	82220	31.580	ng	95
8) 2-Chlorophenol	7.902	128	85036	57.599	ng	95
9) Benzaldehyde	7.467	77	51756	36.298	ng	97
10) Phenol	7.520	94	116936	57.408	ng	96
11) bis(2-Chloroethyl)ether	7.738	93	76735	50.451	ng	99
12) 1,3-Dichlorobenzene	8.225	146	84476	53.709	ng	98
13) 1,4-Dichlorobenzene	8.372	146	86863	54.284	ng	96
14) 1,2-Dichlorobenzene	8.701	146	84096	53.880	ng	95
15) Benzyl Alcohol	8.578	79	87362	52.770	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.854	45	103292	54.692	ng	96
17) 2-Methylphenol	8.783	107	77690	51.937	ng	96
18) Hexachloroethane	9.435	117	31142	56.837	ng	91
19) n-Nitroso-di-n-propyla...	9.142	70	73006	48.828	ng	97
20) 3+4-Methylphenols	9.118	107	108732	51.780	ng	98
22) Acetophenone	9.171	105	133731	48.346	ng	# 97
24) Nitrobenzene	9.565	77	104176	46.377	ng	98
25) Isophorone	10.082	82	201642	46.359	ng	98
26) 2-Nitrophenol	10.281	139	49133	51.014	ng	97
27) 2,4-Dimethylphenol	10.328	122	88308	53.033	ng	98
28) bis(2-Chloroethoxy)met...	10.552	93	115652	51.277	ng	98
29) 2,4-Dichlorophenol	10.828	162	93281	53.337	ng	97
30) 1,2,4-Trichlorobenzene	11.033	180	93560	49.086	ng	99
31) Naphthalene	11.227	128	261921	47.864	ng	98
32) Benzoic acid	10.493	122	37995	40.362	ng	89
33) 4-Chloroaniline	11.339	127	51523	20.474	ng	95
34) Hexachlorobutadiene	11.491	225	63923	48.487	ng	99
35) Caprolactam	12.108	113	20770	28.648	ng	93
36) 4-Chloro-3-methylphenol	12.443	107	103347	49.923	ng	99
37) 2-Methylnaphthalene	12.807	142	196901	45.845	ng	98
38) 1-Methylnaphthalene	13.025	142	185391	45.234	ng	99
40) 1,2,4,5-Tetrachloroben...	13.172	216	127857	50.422	ng	99
41) Hexachlorocyclopentadiene	13.142	237	63524	90.918	ng	92
43) 2,4,6-Trichlorophenol	13.406	196	81165	50.843	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057649.D
 Acq On : 6 Jun 2023 23:04
 Operator : CG/JU
 Sample : 03001-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

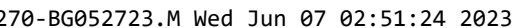
Instrument :
 BNA_G
 ClientSampleId :
 TP16-0AMS

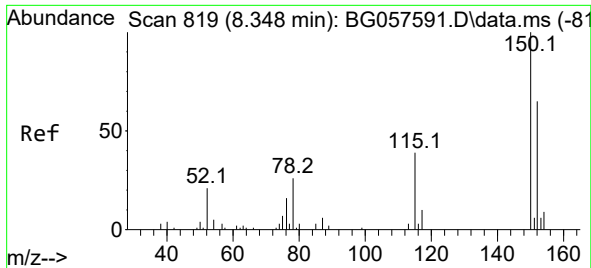
Quant Time: Jun 07 02:51:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.495	196	87092	45.806	ng	96
46) 1,1'-Biphenyl	13.794	154	280731	50.844	ng	99
47) 2-Chloronaphthalene	13.847	162	213083	51.236	ng	95
48) 2-Nitroaniline	14.047	65	68625	47.107	ng	99
49) Acenaphthylene	14.687	152	333505	47.356	ng	99
50) Dimethylphthalate	14.393	163	281474	44.207	ng	100
51) 2,6-Dinitrotoluene	14.529	165	63215	46.380	ng	95
52) Acenaphthene	15.022	154	204356	47.423	ng	95
53) 3-Nitroaniline	14.869	138	34964	24.594	ng	99
54) 2,4-Dinitrophenol	15.087	184	66098	80.390	ng	95
55) Dibenzofuran	15.351	168	334941	45.488	ng	98
56) 4-Nitrophenol	15.181	139	79581	84.018	ng	93
57) 2,4-Dinitrotoluene	15.322	165	89712	43.960	ng	# 100
58) Fluorene	15.997	166	277064	44.565	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.580	232	80151	44.998	ng	97
60) Diethylphthalate	15.739	149	287231	43.220	ng	100
61) 4-Chlorophenyl-phenyle...	15.974	204	156980	45.307	ng	97
62) 4-Nitroaniline	16.026	138	63039	41.107	ng	92
63) Azobenzene	16.267	77	300441	50.834	ng	99
65) 4,6-Dinitro-2-methylph...	16.091	198	55579	49.607	ng	95
66) n-Nitrosodiphenylamine	16.191	169	245854	51.406	ng	98
67) 4-Bromophenyl-phenylether	16.867	248	104433	50.596	ng	99
68) Hexachlorobenzene	17.008	284	110118	51.756	ng	96
69) Atrazine	17.125	200	105893	51.571	ng	99
70) Pentachlorophenol	17.354	266	89062	82.152	ng	98
71) Phenanthrene	17.742	178	455622	48.386	ng	99
72) Anthracene	17.830	178	466168	48.258	ng	99
73) Carbazole	18.100	167	412894	47.780	ng	99
74) Di-n-butylphthalate	18.611	149	481566	46.942	ng	99
75) Fluoranthene	19.727	202	547128	44.757	ng	98
77) Benzidine	19.898	184	240386	49.187	ng	98
78) Pyrene	20.092	202	553338	48.118	ng	99
80) Butylbenzylphthalate	20.937	149	209396	49.998	ng	99
81) Benzo(a)anthracene	21.983	228	539940	48.188	ng	99
82) 3,3'-Dichlorobenzidine	21.877	252	102710	24.858	ng	99
83) Chrysene	22.054	228	490227	46.298	ng	99
84) Bis(2-ethylhexyl)phtha...	21.819	149	297493	49.797	ng	98
85) Di-n-octyl phthalate	23.105	149	506033	51.102	ng	99
87) Indeno(1,2,3-cd)pyrene	29.538	276	601303	49.811	ng	# 93
88) Benzo(b)fluoranthene	24.374	252	541619	50.820	ng	98
89) Benzo(k)fluoranthene	24.445	252	528175	49.106	ng	99
90) Benzo(a)pyrene	25.332	252	480114	46.194	ng	99
91) Dibenzo(a,h)anthracene	29.590	278	502883	50.055	ng	98
92) Benzo(g,h,i)perylene	30.812	276	487480	49.752	ng	99

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

Quant Time: Jun 07 02:51:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:51:58 2023
Response via : Initial Calibration

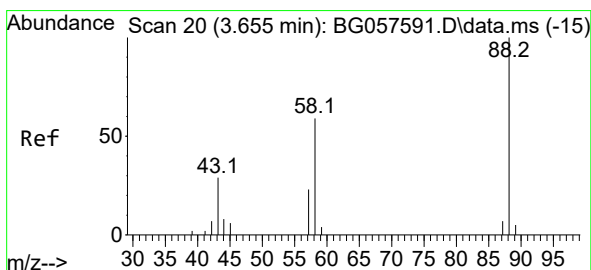
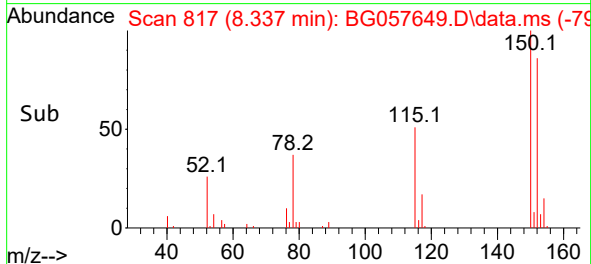
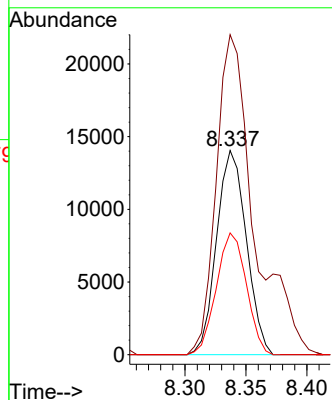
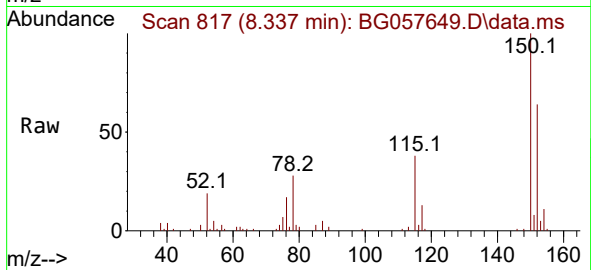




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

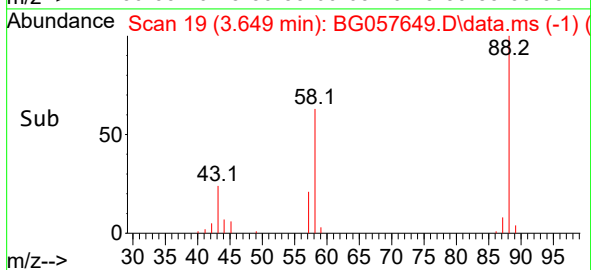
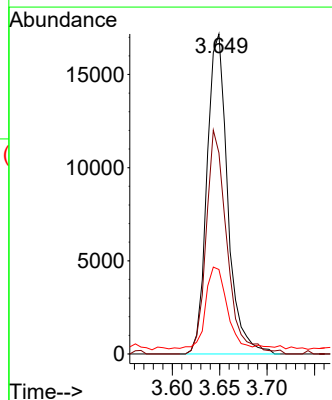
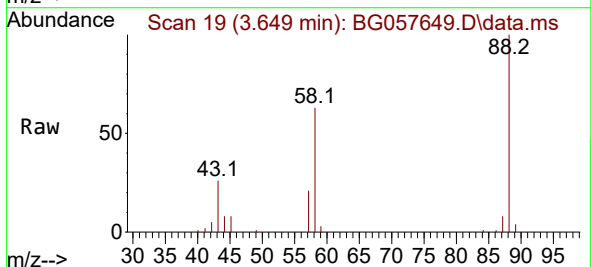
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

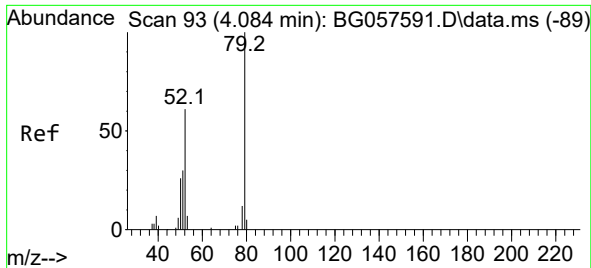
Tgt Ion:152 Resp: 23891
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.4
115 59.6 47.4 71.2



#2
1,4-Dioxane
Concen: 45.707 ng
RT: 3.649 min Scan# 19
Delta R.T. 0.009 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion: 88 Resp: 26042
Ion Ratio Lower Upper
88 100
58 70.5 52.6 79.0
43 26.3 22.1 33.1



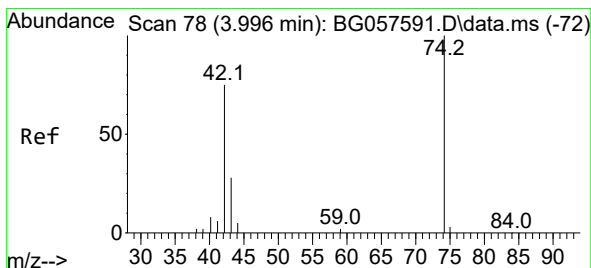
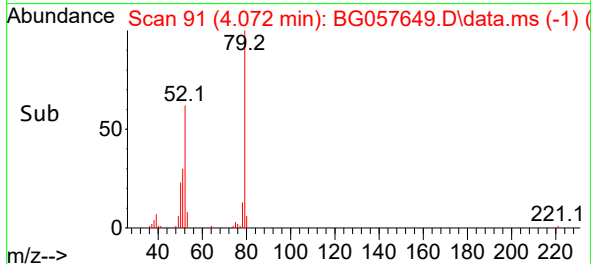
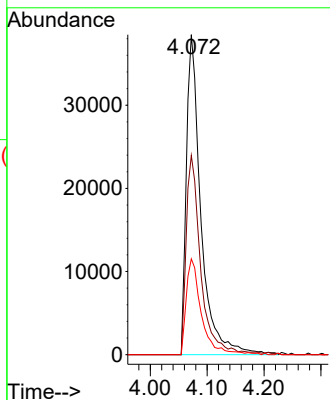
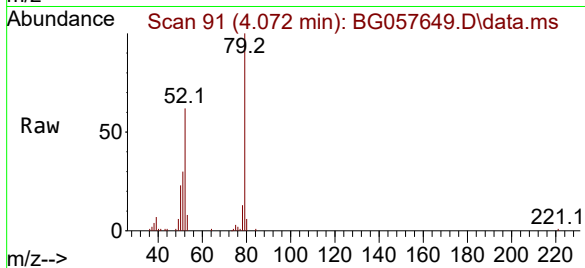


#3
 Pyridine
 Concen: 39.249 ng
 RT: 4.072 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: BG057649.D
 Acq: 6 Jun 2023 23:04

Instrument :
 BNA_G
 ClientSampleId :
 TP16-0AMS

Tgt Ion: 79 Resp: 68368

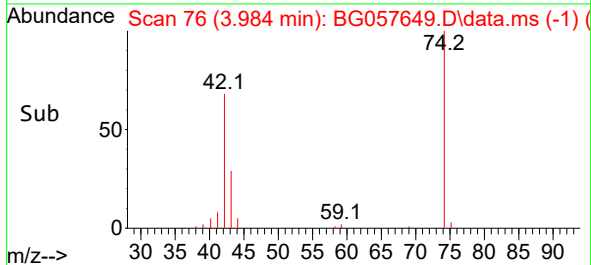
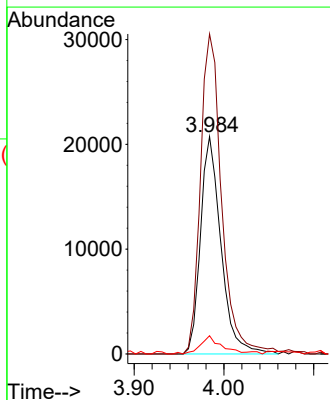
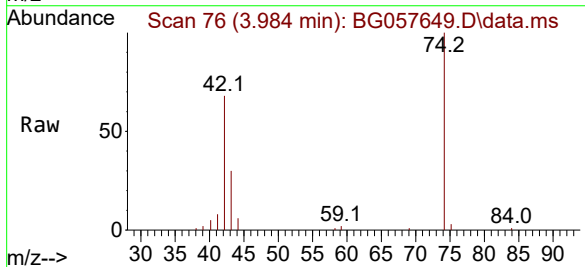
Ion	Ratio	Lower	Upper
79	100		
52	62.3	48.4	72.6
51	29.9	24.4	36.6

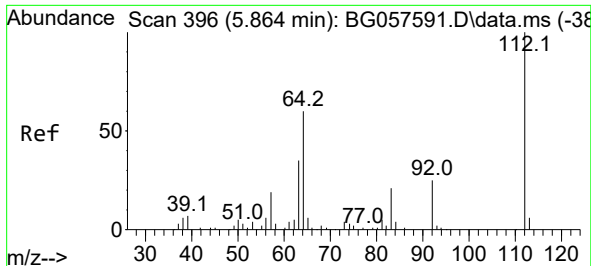


#4
 n-Nitrosodimethylamine
 Concen: 46.503 ng
 RT: 3.984 min Scan# 76
 Delta R.T. 0.003 min
 Lab File: BG057649.D
 Acq: 6 Jun 2023 23:04

Tgt Ion: 42 Resp: 32775

Ion	Ratio	Lower	Upper
42	100		
74	147.1	107.3	160.9
44	8.4	6.1	9.1

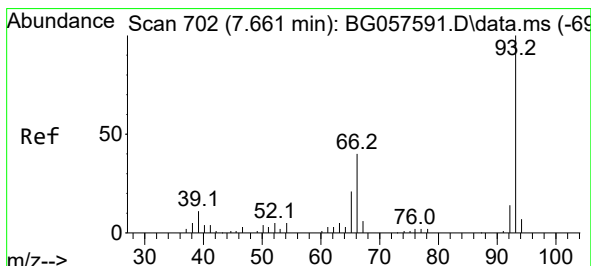
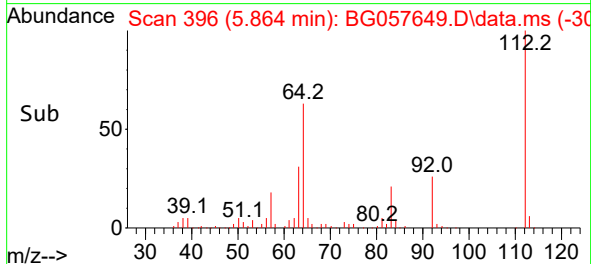
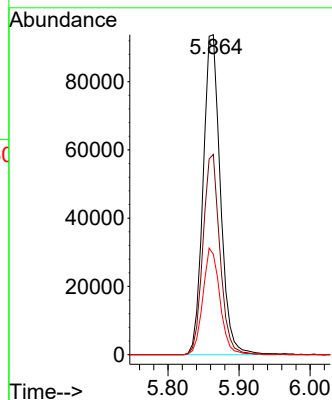
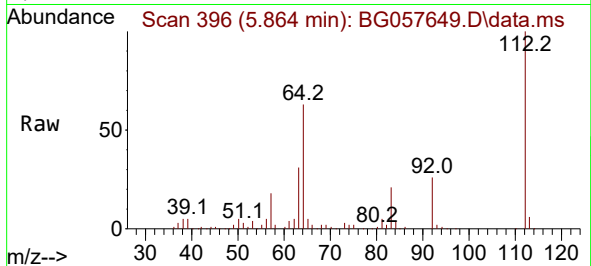




#5
2-Fluorophenol
Concen: 115.477 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.009 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

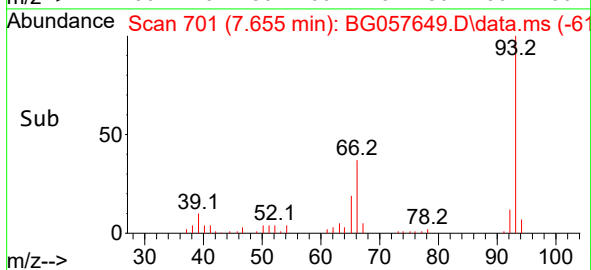
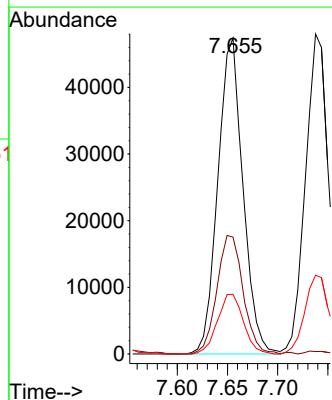
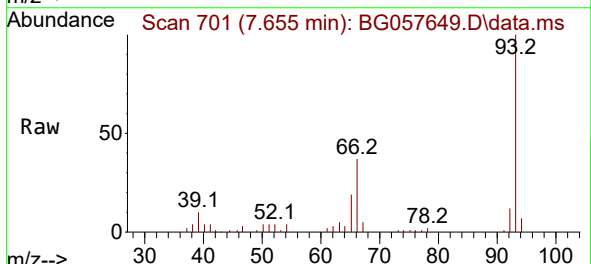
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

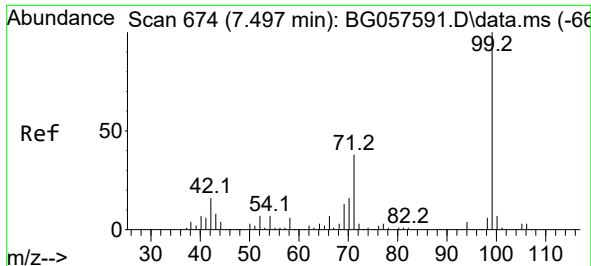
Tgt Ion:112 Resp: 158801
Ion Ratio Lower Upper
112 100
64 62.6 47.8 71.6
63 31.4 27.8 41.8



#6
Aniline
Concen: 31.580 ng
RT: 7.655 min Scan# 701
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion: 93 Resp: 82220
Ion Ratio Lower Upper
93 100
66 37.0 32.2 48.4
65 18.9 16.7 25.1

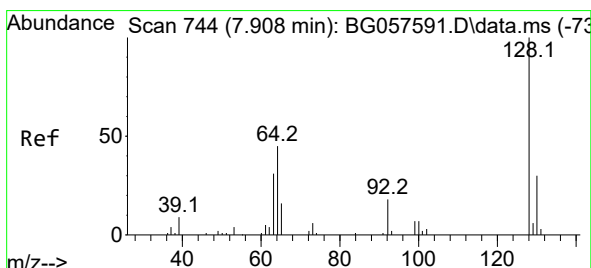
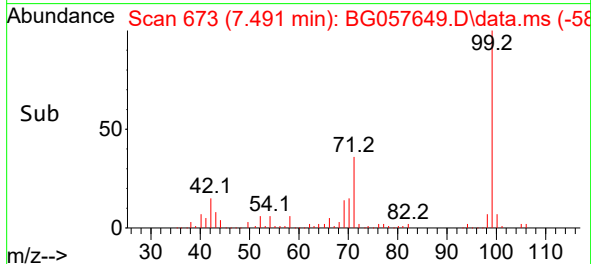
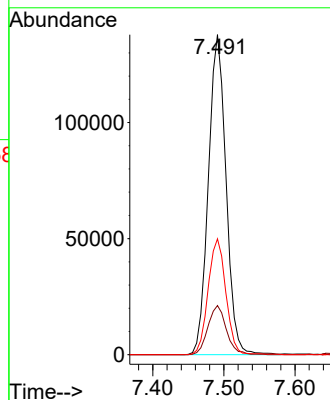
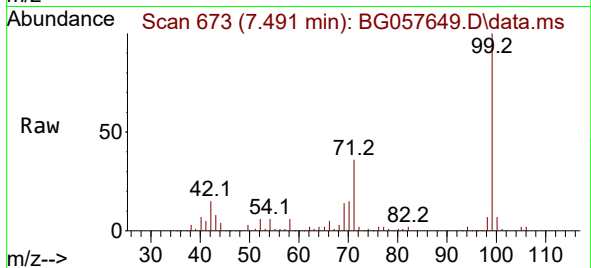




#7
Phenol-d6
Concen: 110.871 ng
RT: 7.491 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

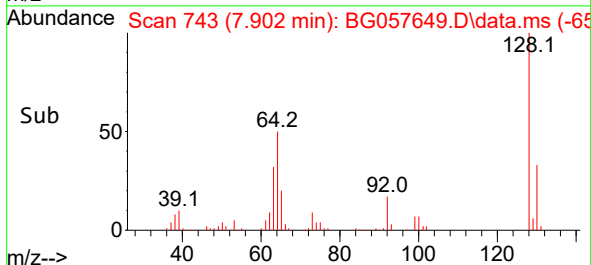
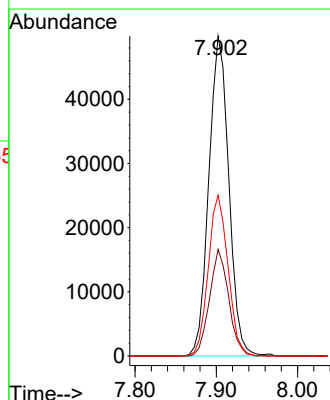
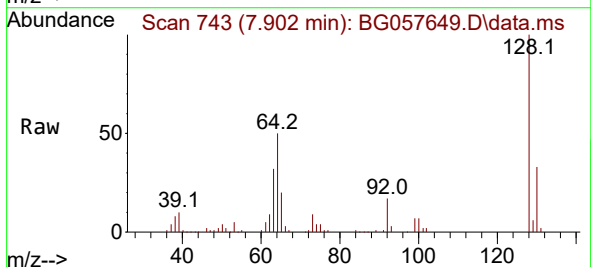
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

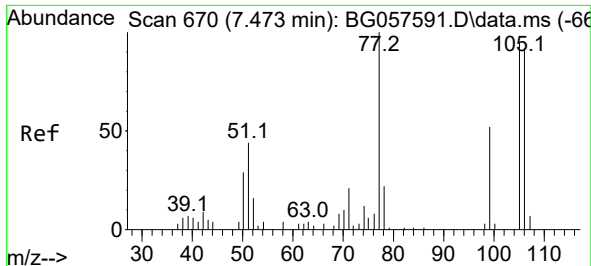
Tgt Ion: 99 Resp: 238608
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 36.2 30.3 45.5



#8
2-Chlorophenol
Concen: 57.599 ng
RT: 7.902 min Scan# 743
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:128 Resp: 85036
Ion Ratio Lower Upper
128 100
130 33.3 10.5 50.5
64 50.3 33.8 73.8

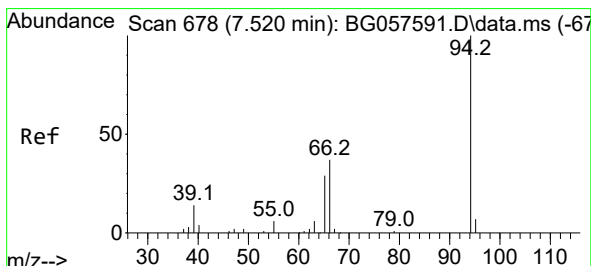
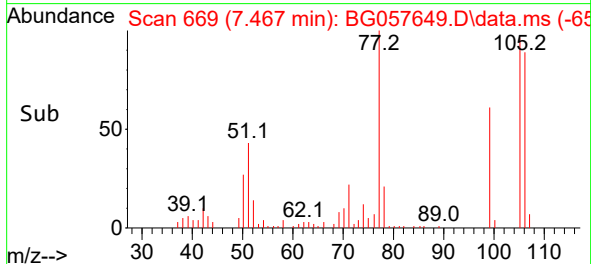
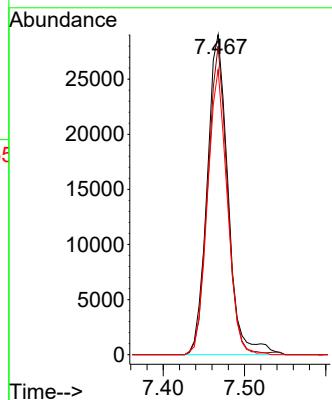
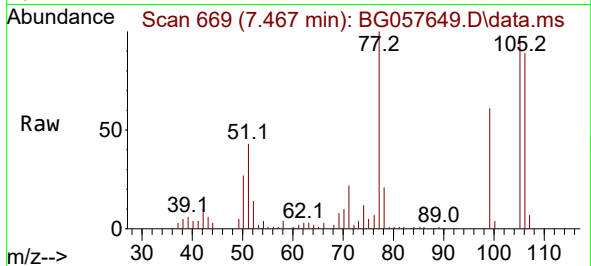




#9
Benzaldehyde
Concen: 36.298 ng
RT: 7.467 min Scan# 609
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

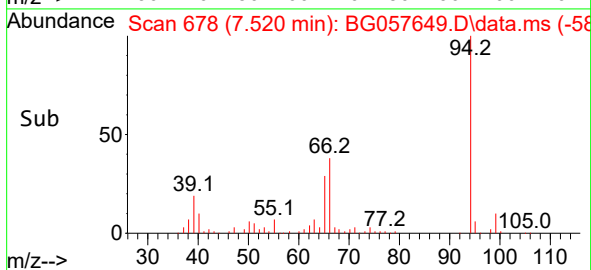
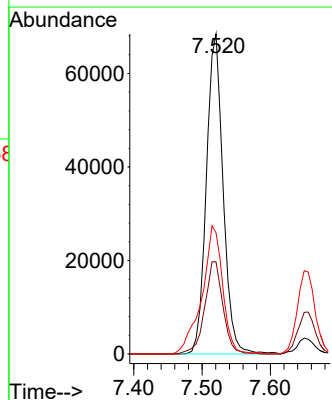
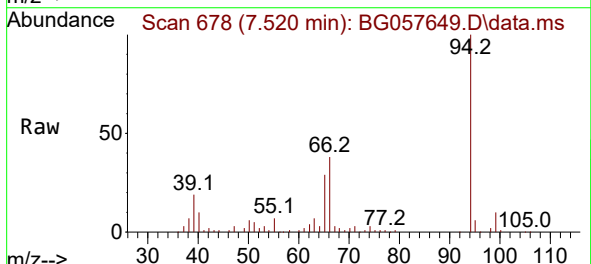
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

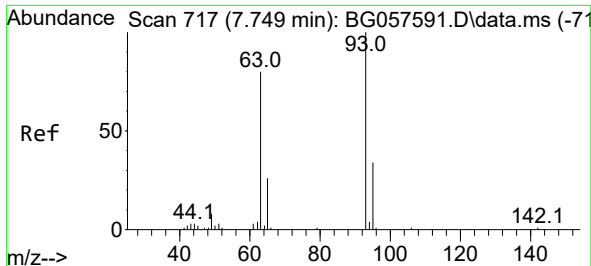
Tgt Ion: 77 Resp: 51756
Ion Ratio Lower Upper
77 100
105 96.5 75.0 115.0
106 89.1 72.5 112.5



#10
Phenol
Concen: 57.408 ng
RT: 7.520 min Scan# 678
Delta R.T. 0.009 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion: 94 Resp: 116936
Ion Ratio Lower Upper
94 100
65 28.8 9.6 49.6
66 37.8 22.0 62.0





#11

bis(2-Chloroethyl)ether

Concen: 50.451 ng

RT: 7.738 min Scan# 715

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

Instrument :

BNA_G

ClientSampleId :

TP16-0AMS

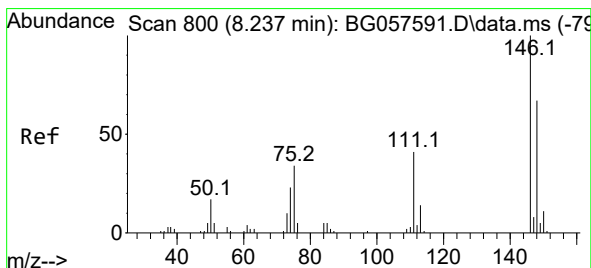
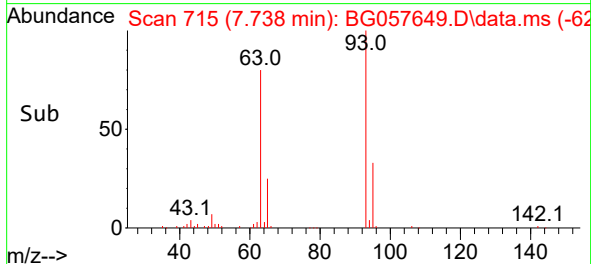
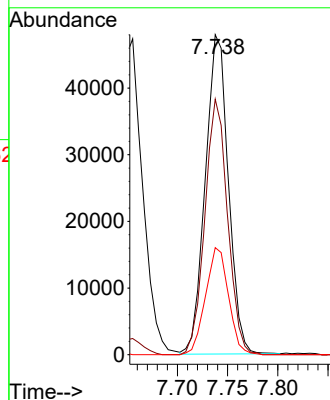
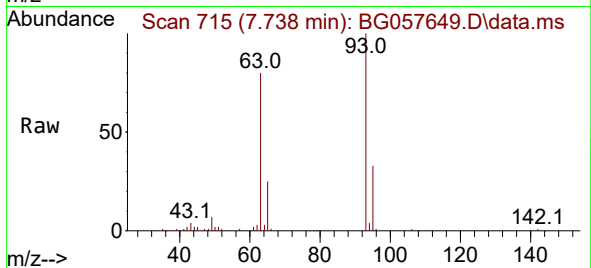
Tgt Ion: 93 Resp: 76735

Ion Ratio Lower Upper

93 100

63 79.8 59.3 99.3

95 33.5 14.1 54.1



#12

1,3-Dichlorobenzene

Concen: 53.709 ng

RT: 8.225 min Scan# 798

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

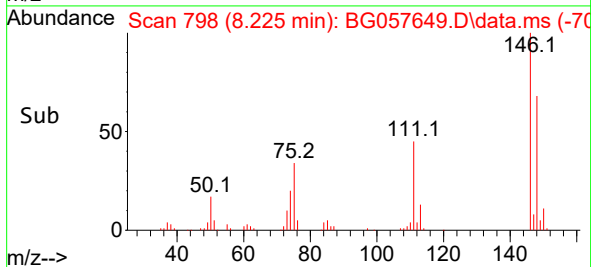
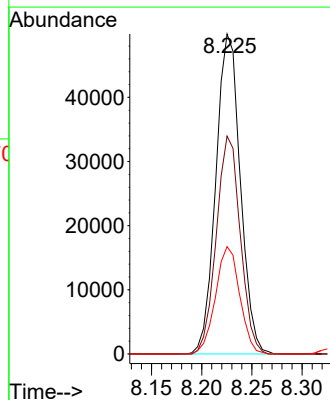
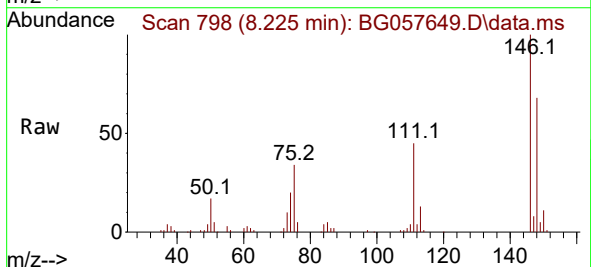
Tgt Ion:146 Resp: 84476

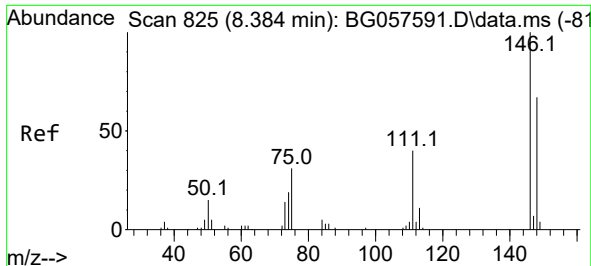
Ion Ratio Lower Upper

146 100

148 68.1 53.4 80.0

75 33.6 27.4 41.2

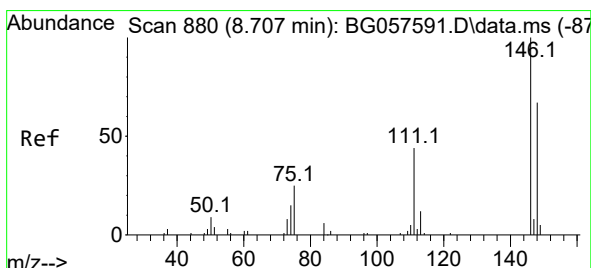
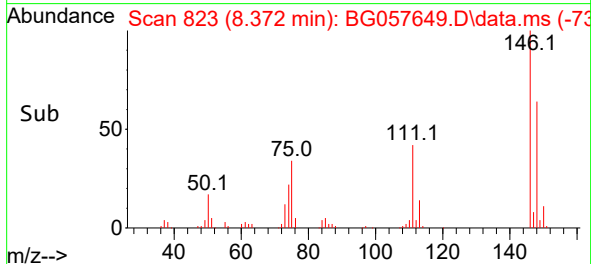
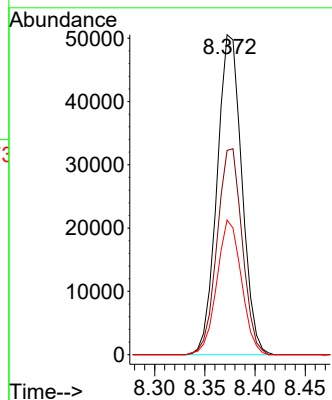
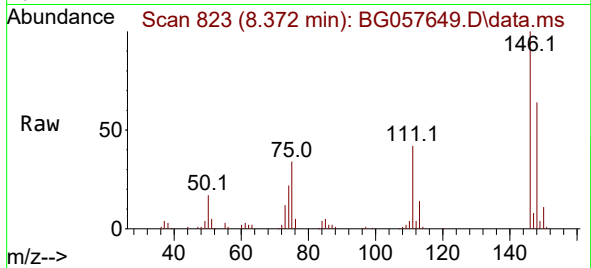




#13
1,4-Dichlorobenzene
Concen: 54.284 ng
RT: 8.372 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

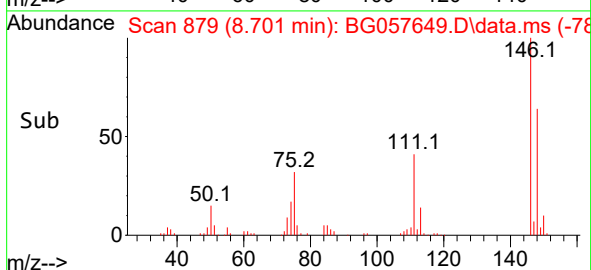
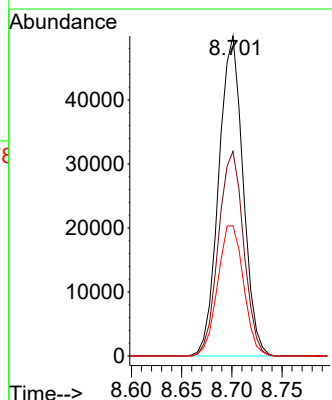
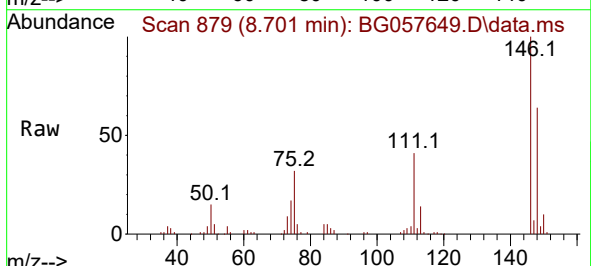
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

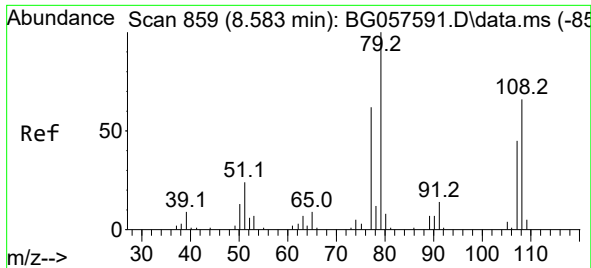
Tgt Ion:146 Resp: 86863
Ion Ratio Lower Upper
146 100
148 63.9 53.8 80.6
111 42.1 31.9 47.9



#14
1,2-Dichlorobenzene
Concen: 53.880 ng
RT: 8.701 min Scan# 879
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:146 Resp: 84096
Ion Ratio Lower Upper
146 100
148 64.0 53.5 80.3
111 40.7 36.6 54.8



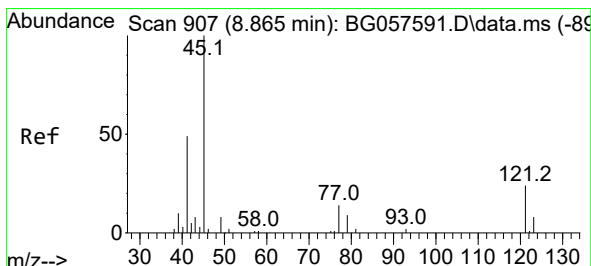
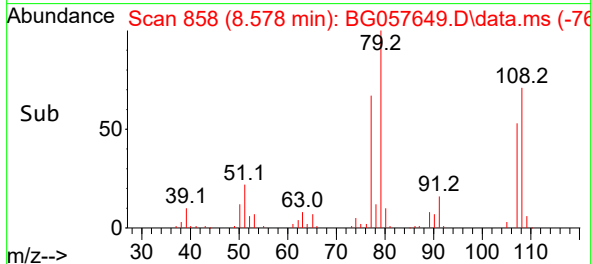
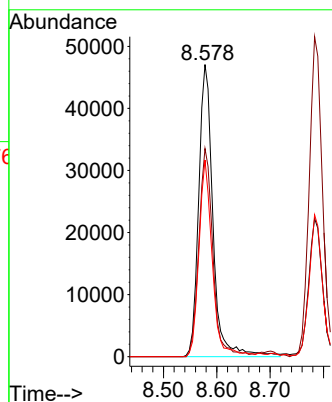
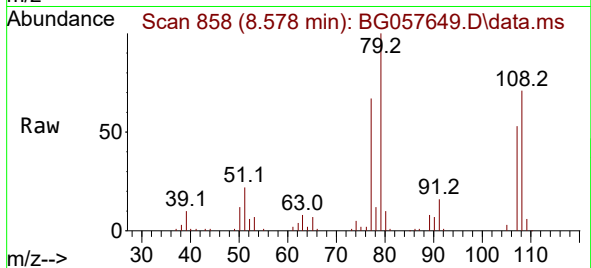


#15
Benzyl Alcohol
Concen: 52.770 ng
RT: 8.578 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

Tgt Ion: 79 Resp: 87362

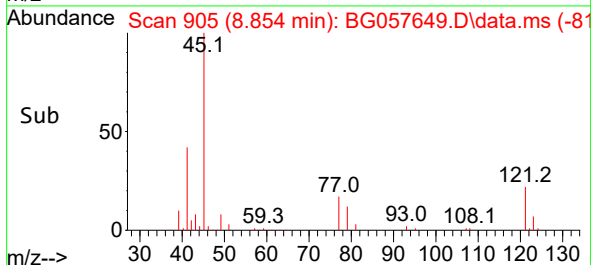
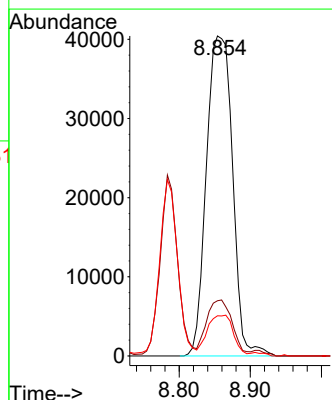
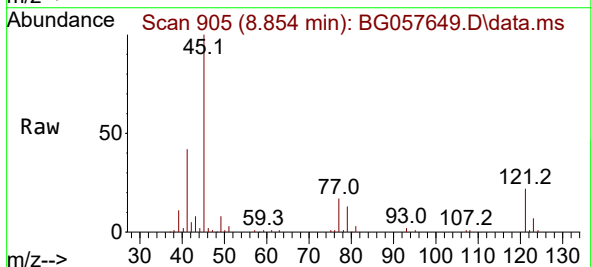
Ion	Ratio	Lower	Upper
79	100		
108	71.2	52.6	78.8
77	67.3	49.7	74.5

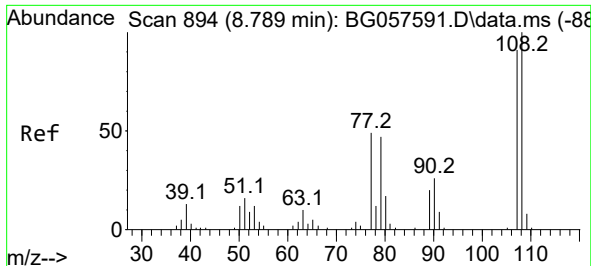


#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.692 ng
RT: 8.854 min Scan# 905
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion: 45 Resp: 103292

Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	39.2
79	12.5	0.0	34.2

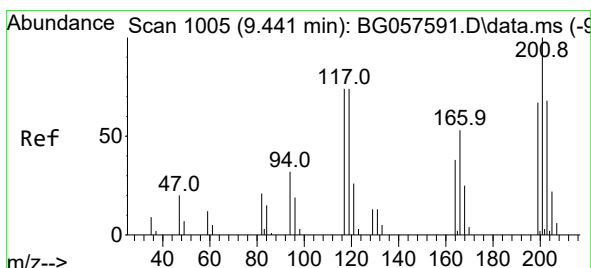
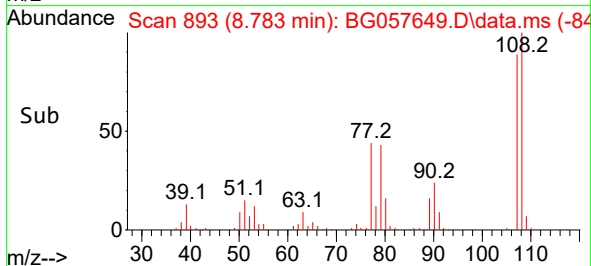
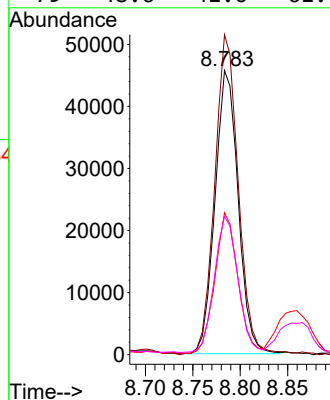
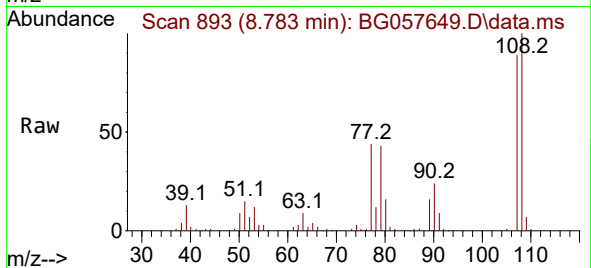




#17
2-Methylphenol
Concen: 51.937 ng
RT: 8.783 min Scan# 894
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

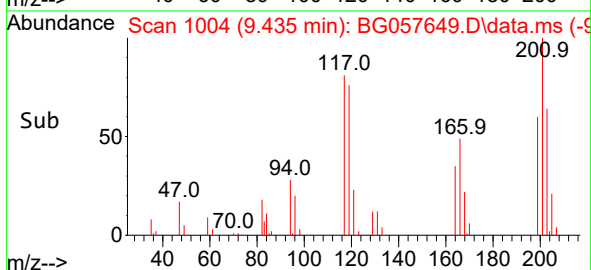
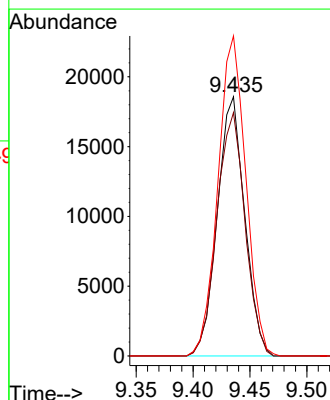
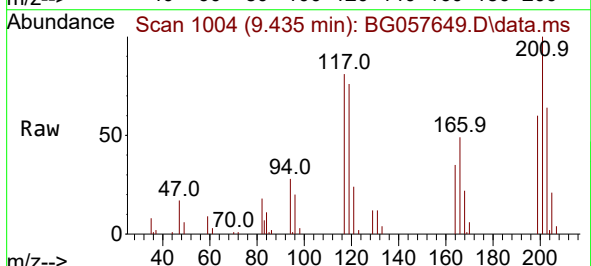
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

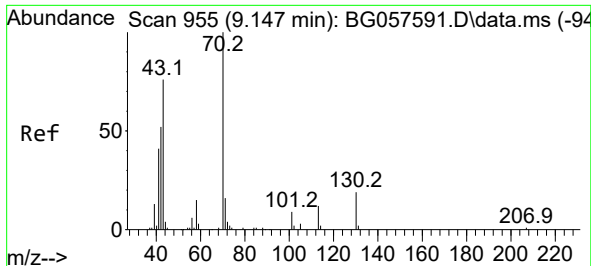
Tgt Ion:	107	Resp:	77690
Ion	Ratio	Lower	Upper
107	100		
108	112.6	87.7	131.5
77	49.9	43.0	64.6
79	48.6	41.0	61.4



#18
Hexachloroethane
Concen: 56.837 ng
RT: 9.435 min Scan# 1004
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:	117	Resp:	31142
Ion	Ratio	Lower	Upper
117	100		
119	93.9	80.6	121.0
201	123.4	108.8	163.2



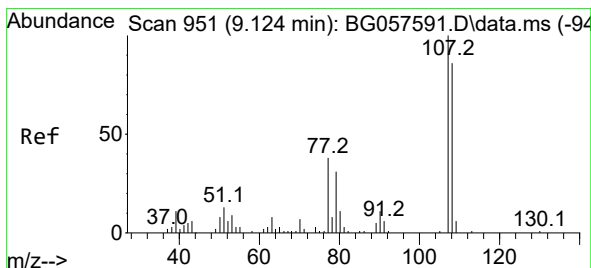
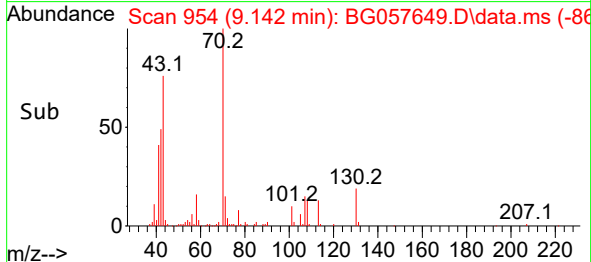
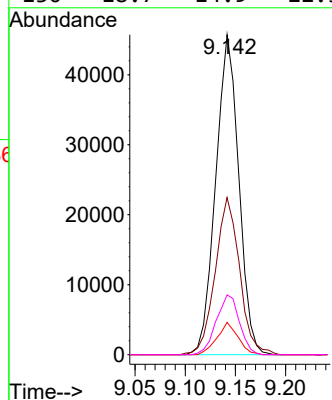
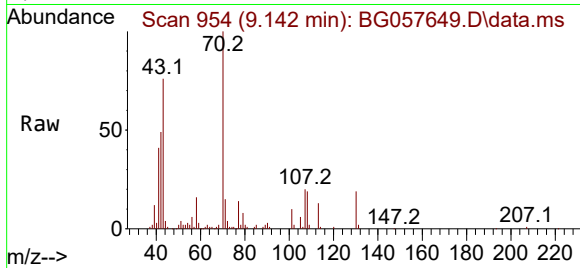


#19
n-Nitroso-di-n-propylamine
Concen: 48.828 ng
RT: 9.142 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

Tgt Ion: 70 Resp: 73006

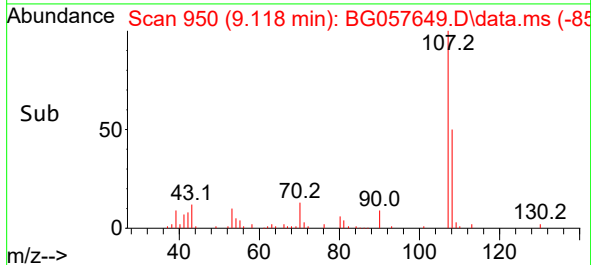
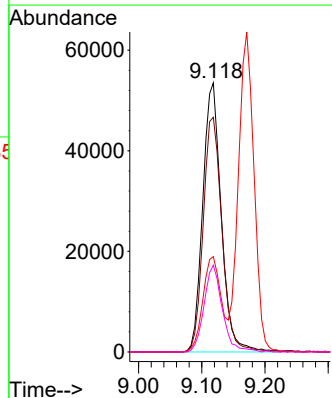
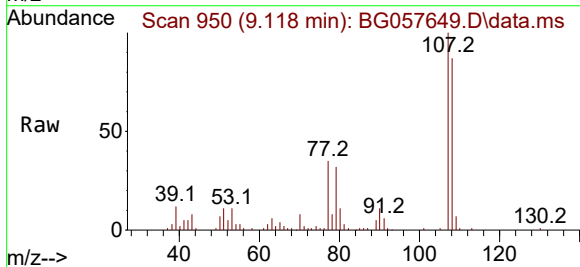
Ion	Ratio	Lower	Upper
70	100		
42	49.1	41.4	62.0
101	10.1	6.9	10.3
130	18.7	14.9	22.3

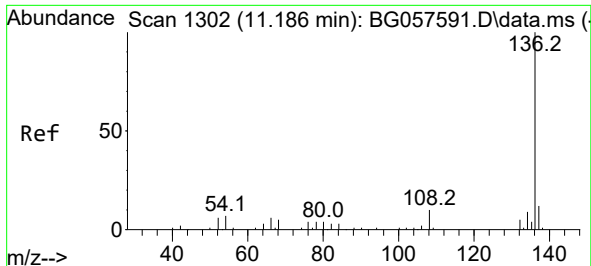


#20
3+4-Methylphenols
Concen: 51.780 ng
RT: 9.118 min Scan# 950
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion: 107 Resp: 108732

Ion	Ratio	Lower	Upper
107	100		
108	87.2	65.6	105.6
77	35.5	18.0	58.0
79	32.3	11.1	51.1

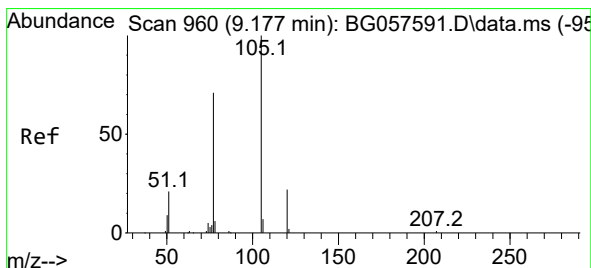
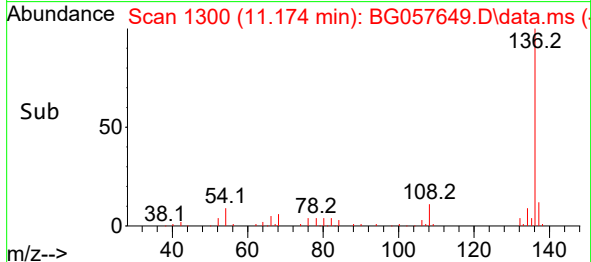
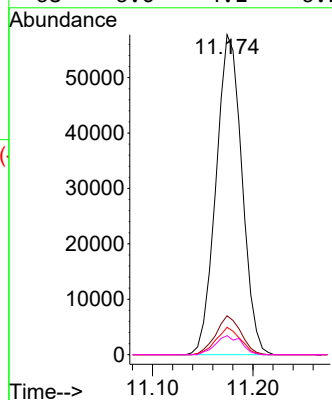
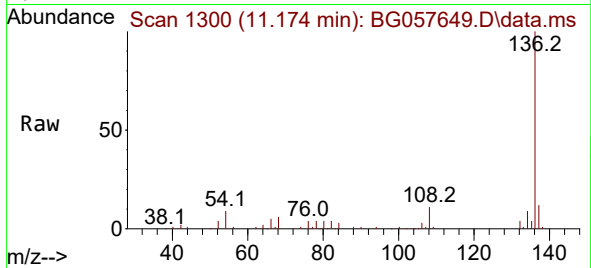




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.174 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

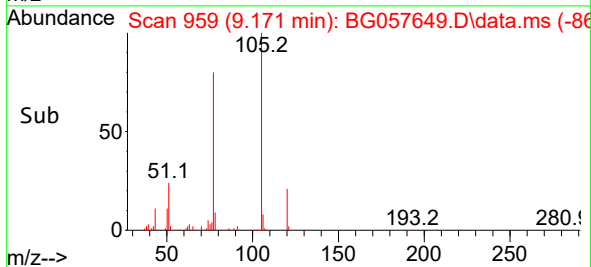
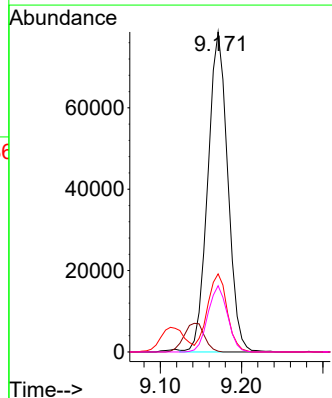
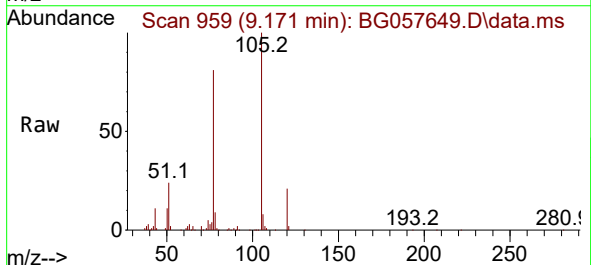
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

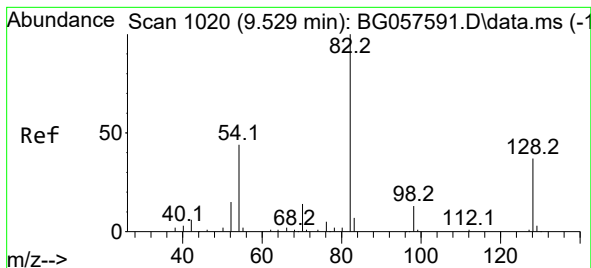
Tgt Ion:136 Resp: 103446
Ion Ratio Lower Upper
136 100
137 12.2 9.8 14.8
54 8.6 5.8 8.6
68 6.0 4.1 6.1



#22
Acetophenone
Concen: 48.346 ng
RT: 9.171 min Scan# 959
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:105 Resp: 133731
Ion Ratio Lower Upper
105 100
71 0.2 0.0 0.0#
51 24.4 20.7 31.1
120 20.7 17.9 26.9





#23

Nitrobenzene-d5

Concen: 64.110 ng

RT: 9.518 min Scan# 1018

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

Instrument :

BNA_G

ClientSampleId :

TP16-0AMS

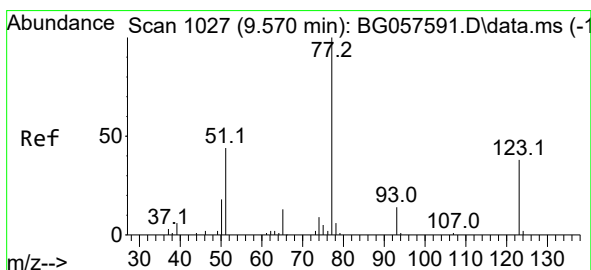
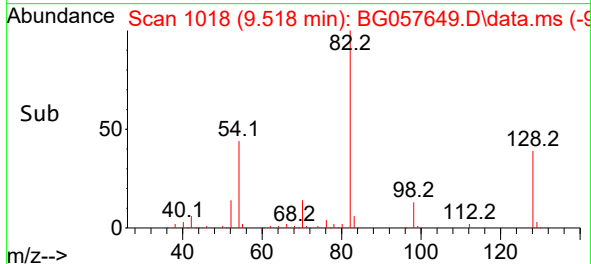
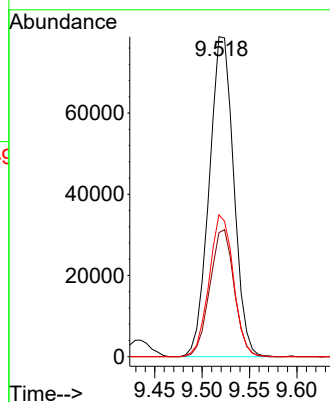
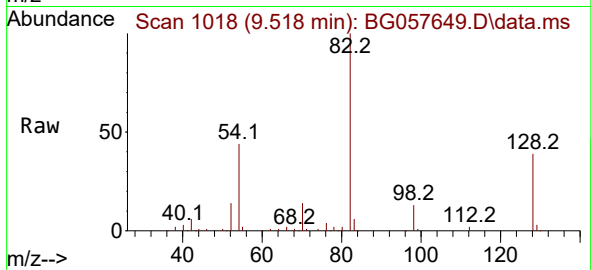
Tgt Ion: 82 Resp: 141872

Ion Ratio Lower Upper

82 100

128 38.8 30.0 45.0

54 44.4 35.2 52.8



#24

Nitrobenzene

Concen: 46.377 ng

RT: 9.565 min Scan# 1026

Delta R.T. 0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

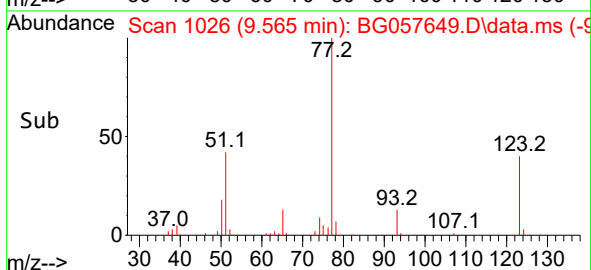
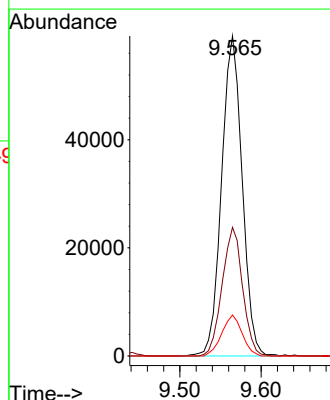
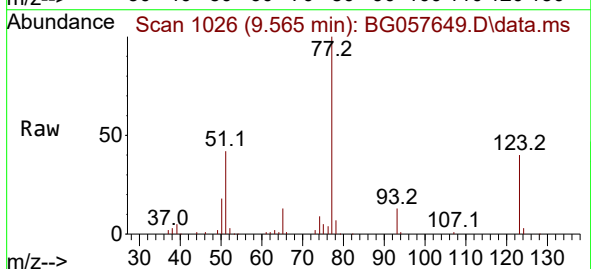
Tgt Ion: 77 Resp: 104176

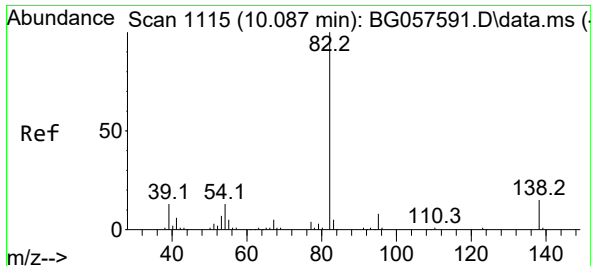
Ion Ratio Lower Upper

77 100

123 40.2 30.6 46.0

65 12.8 10.2 15.4

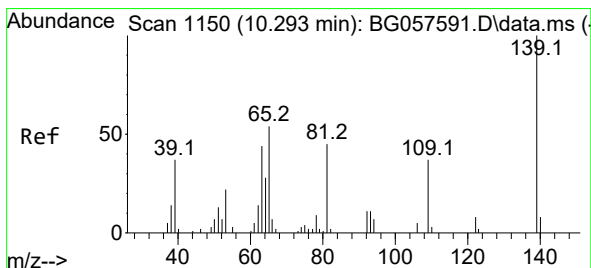
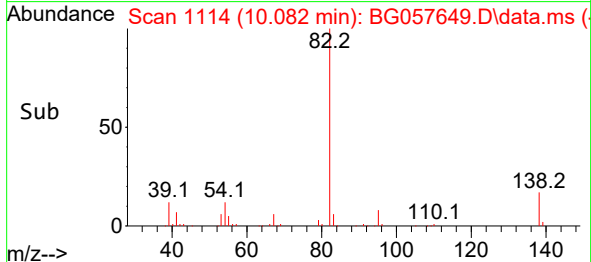
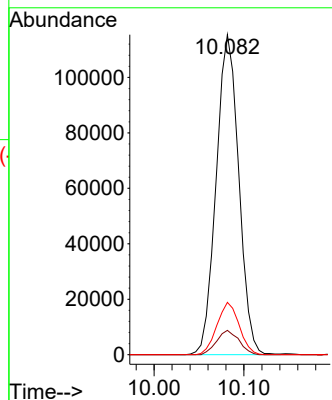
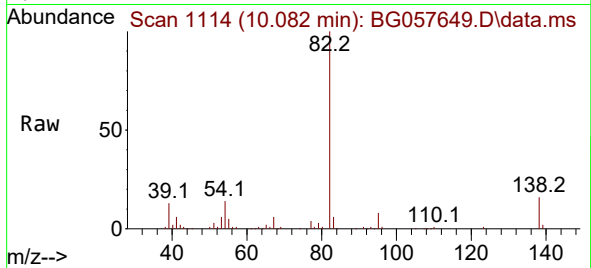




#25
Isophorone
Concen: 46.359 ng
RT: 10.082 min Scan# 1115
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

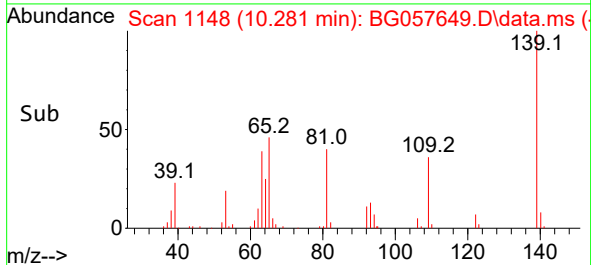
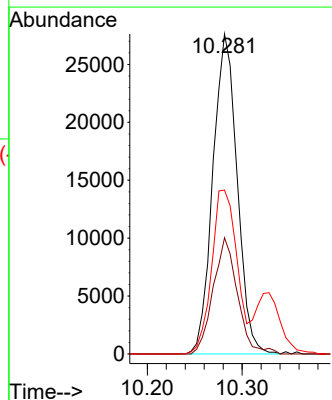
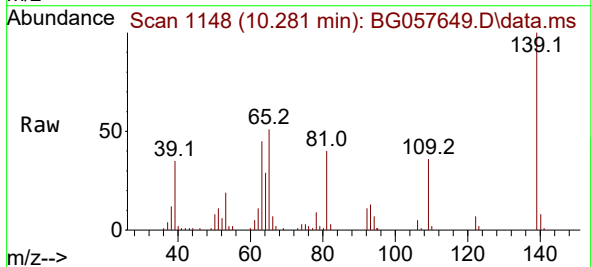
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

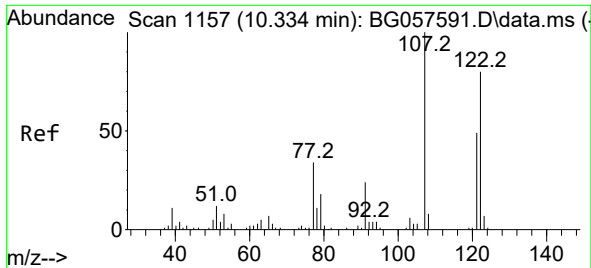
Tgt Ion: 82 Resp: 201642
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 16.4 12.0 18.0



#26
2-Nitrophenol
Concen: 51.014 ng
RT: 10.281 min Scan# 1148
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:139 Resp: 49133
Ion Ratio Lower Upper
139 100
109 36.3 29.5 44.3
65 51.2 43.0 64.6

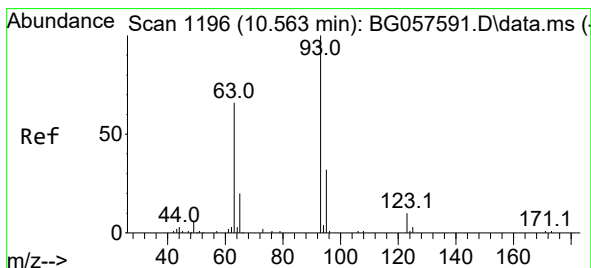
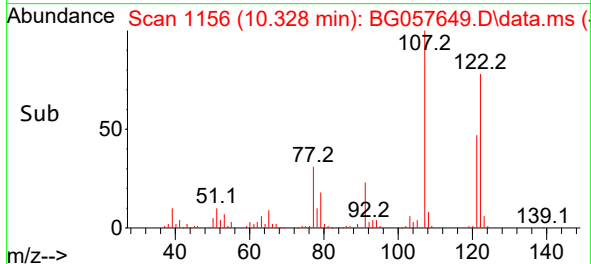
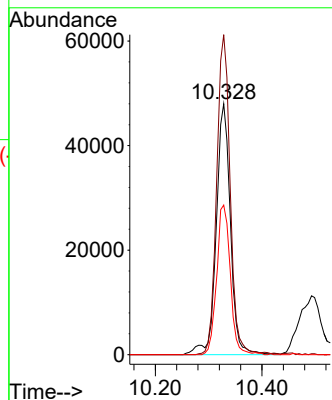
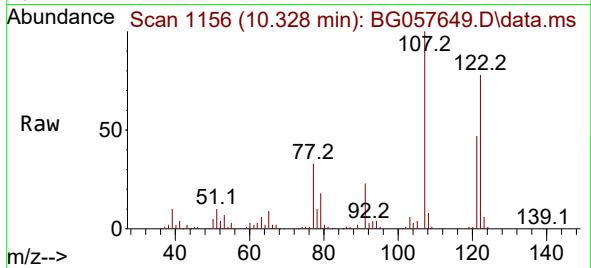




#27
2,4-Dimethylphenol
Concen: 53.033 ng
RT: 10.328 min Scan# 1156
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

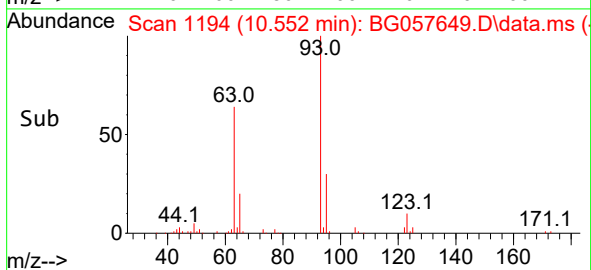
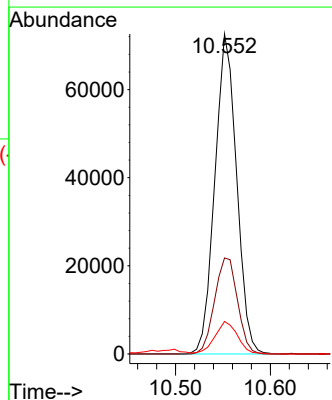
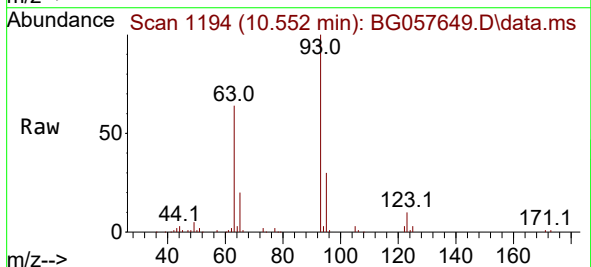
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

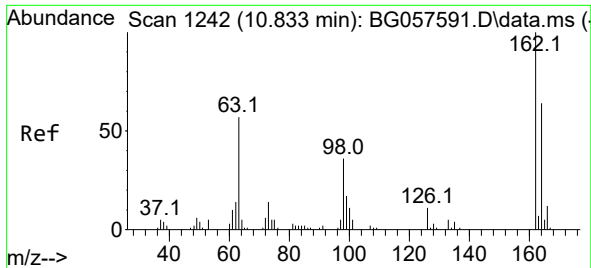
Tgt Ion:122 Resp: 88308
Ion Ratio Lower Upper
122 100
107 127.5 99.4 149.2
121 59.6 48.4 72.6



#28
bis(2-Chloroethoxy)methane
Concen: 51.277 ng
RT: 10.552 min Scan# 1194
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion: 93 Resp: 115652
Ion Ratio Lower Upper
93 100
95 30.0 25.3 37.9
123 10.2 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 53.337 ng

RT: 10.828 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

Instrument :

BNA_G

ClientSampleId :

TP16-0AMS

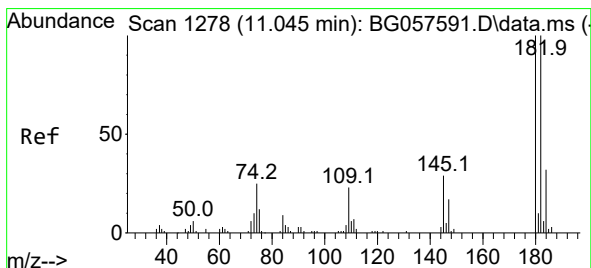
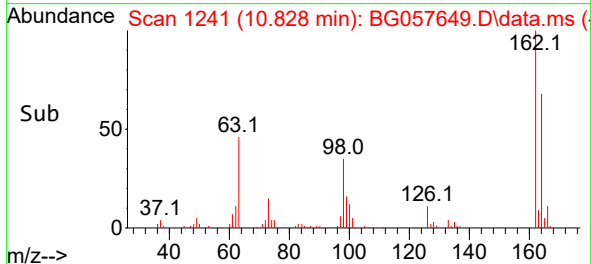
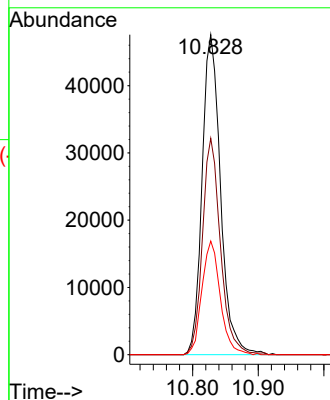
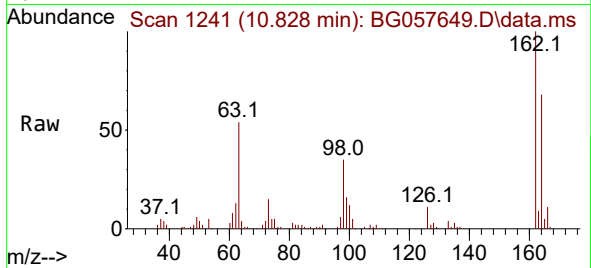
Tgt Ion:162 Resp: 93281

Ion Ratio Lower Upper

162 100

164 67.6 44.1 84.1

98 35.5 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 49.086 ng

RT: 11.033 min Scan# 1276

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

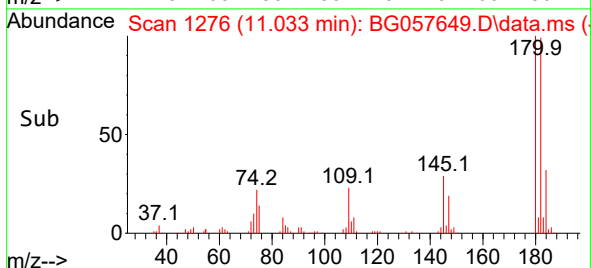
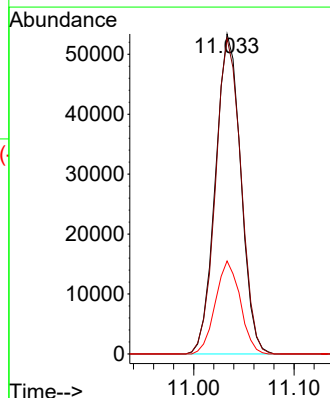
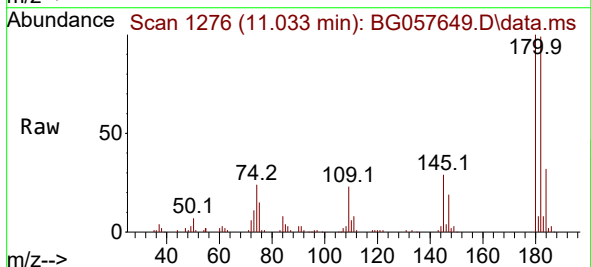
Tgt Ion:180 Resp: 93560

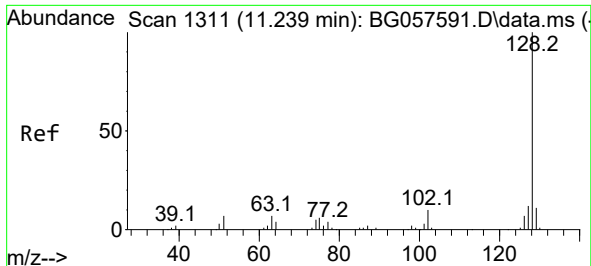
Ion Ratio Lower Upper

180 100

182 98.6 80.2 120.2

145 29.1 23.1 34.7

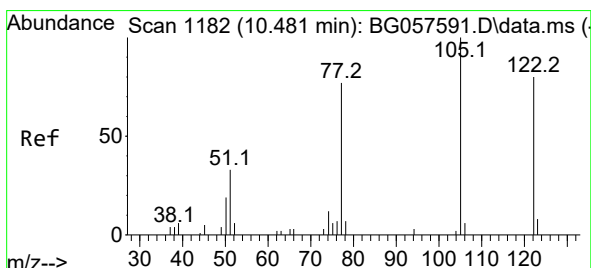
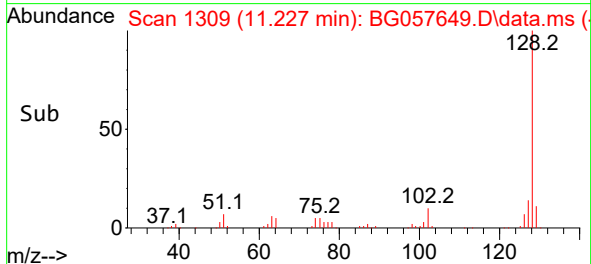
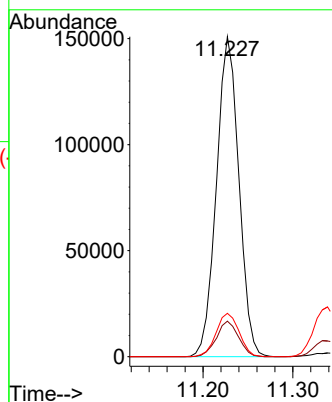
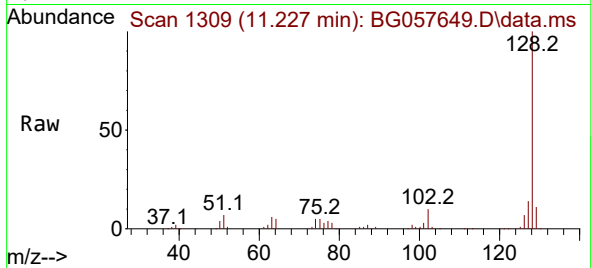




#31
Naphthalene
Concen: 47.864 ng
RT: 11.227 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

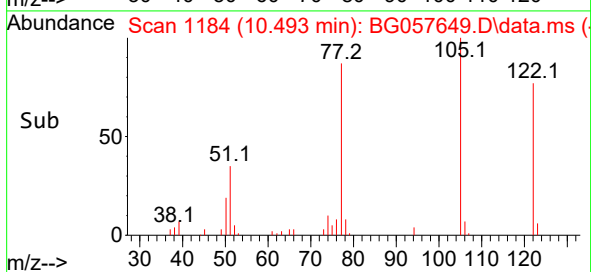
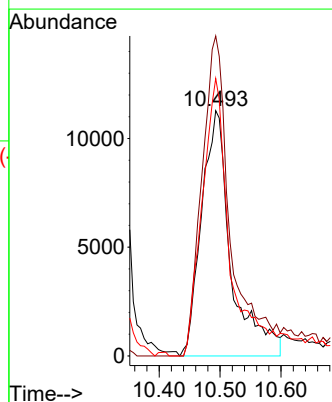
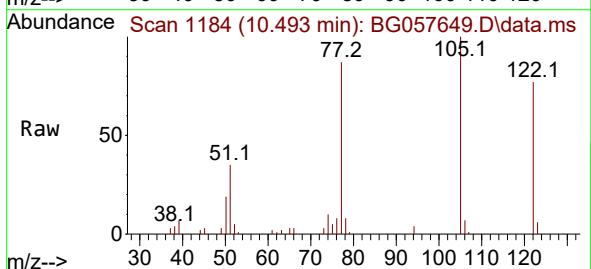
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

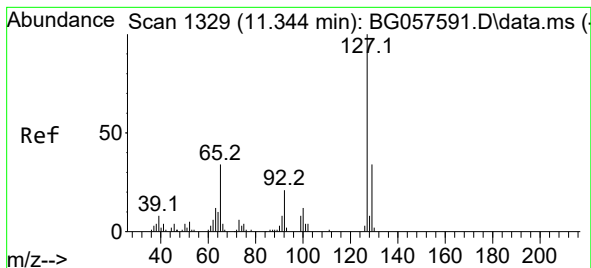
Tgt Ion:128 Resp: 261921
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 9.8 14.8



#32
Benzoic acid
Concen: 40.362 ng
RT: 10.493 min Scan# 1184
Delta R.T. 0.015 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:122 Resp: 37995
Ion Ratio Lower Upper
122 100
105 130.5 104.8 144.8
77 113.1 75.8 115.8





#33

4-Chloroaniline

Concen: 20.474 ng

RT: 11.339 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

Instrument :

BNA_G

ClientSampleId :

TP16-0AMS

Tgt Ion:127 Resp: 51523

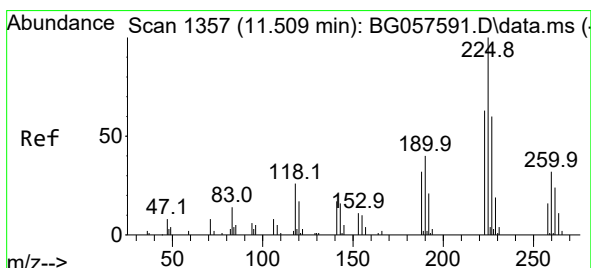
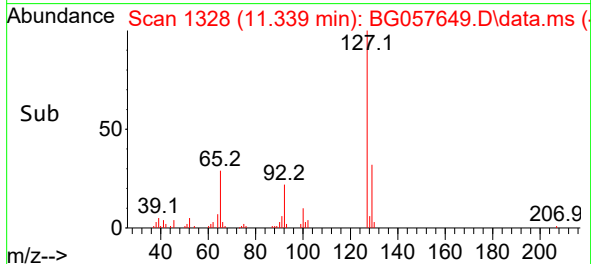
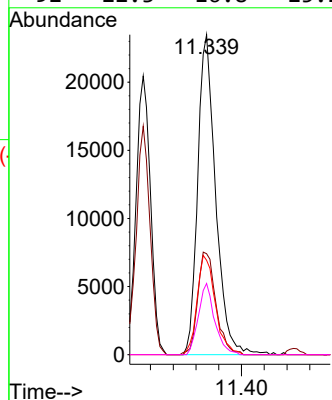
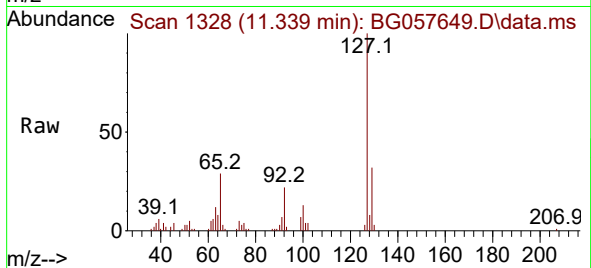
Ion Ratio Lower Upper

127 100

129 31.6 26.9 40.3

65 29.5 27.3 40.9

92 22.3 16.8 25.2



#34

Hexachlorobutadiene

Concen: 48.487 ng

RT: 11.491 min Scan# 1354

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

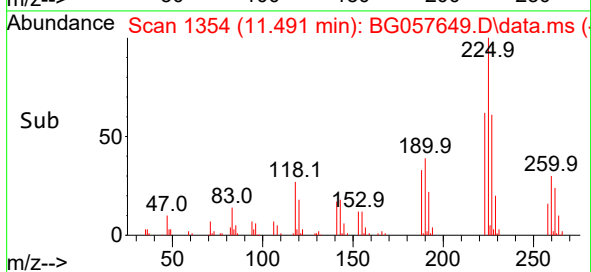
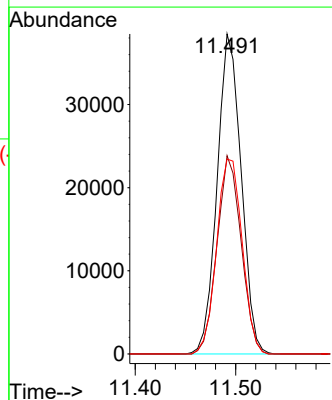
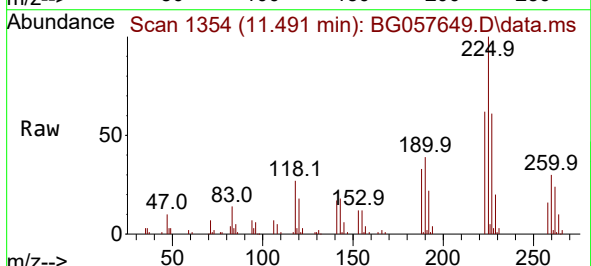
Tgt Ion:225 Resp: 63923

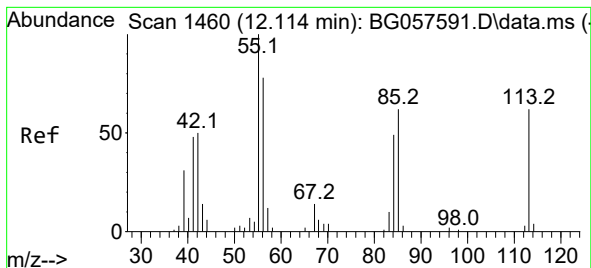
Ion Ratio Lower Upper

225 100

223 61.9 50.1 75.1

227 60.9 47.9 71.9





#35

Caprolactam

Concen: 28.648 ng

RT: 12.108 min Scan# 1460

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

Instrument :

BNA_G

ClientSampleId :

TP16-0AMS

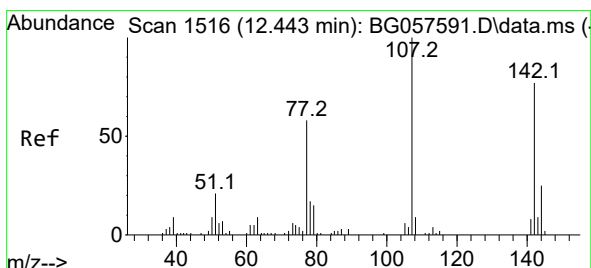
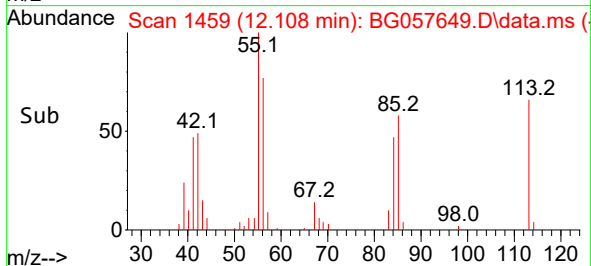
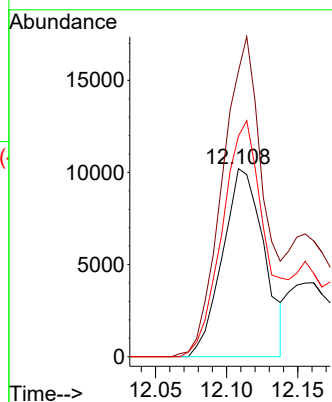
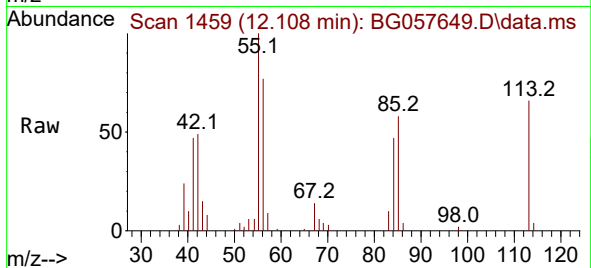
Tgt Ion:113 Resp: 20770

Ion Ratio Lower Upper

113 100

55 151.8 140.9 180.9

56 117.4 105.9 145.9



#36

4-Chloro-3-methylphenol

Concen: 49.923 ng

RT: 12.443 min Scan# 1516

Delta R.T. 0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

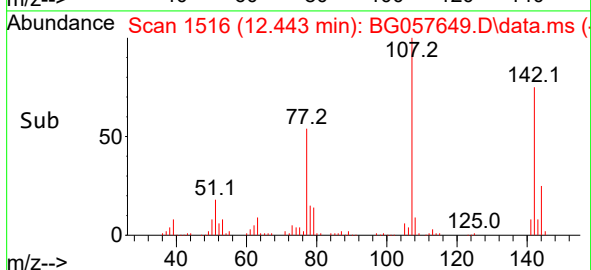
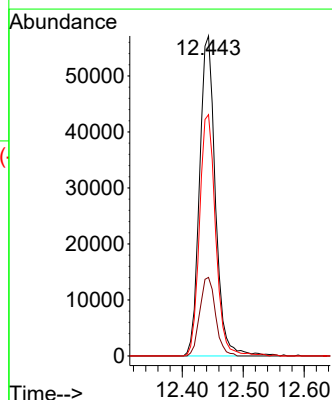
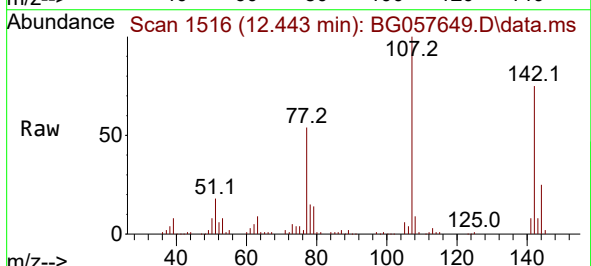
Tgt Ion:107 Resp: 103347

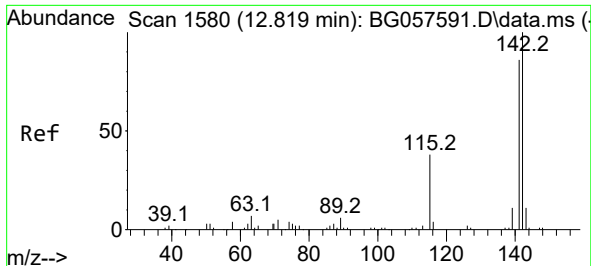
Ion Ratio Lower Upper

107 100

144 24.6 19.7 29.5

142 75.4 61.6 92.4

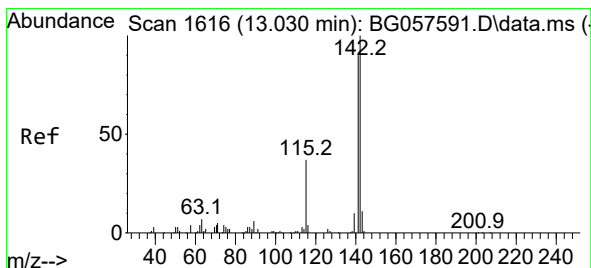
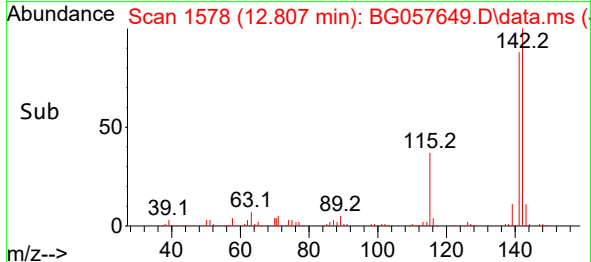
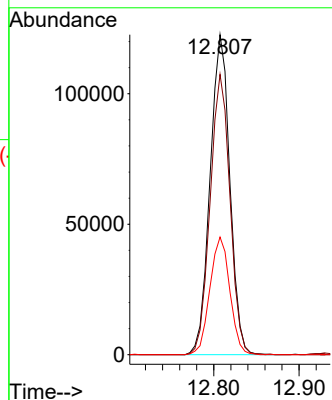
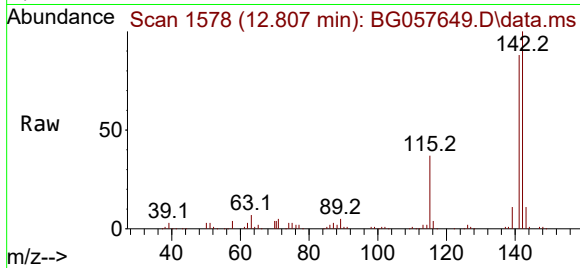




#37
2-Methylnaphthalene
Concen: 45.845 ng
RT: 12.807 min Scan# 1578
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

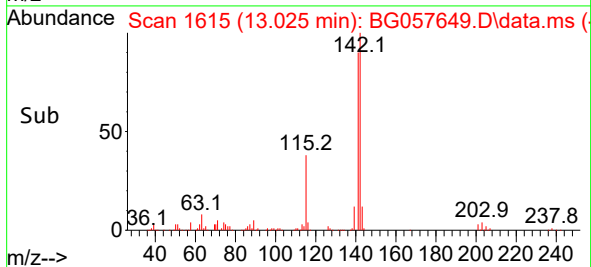
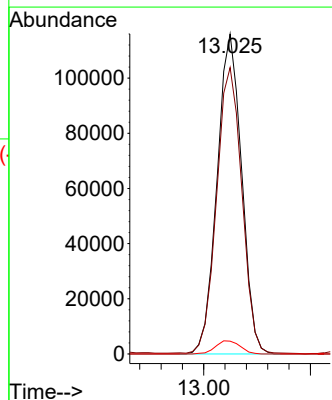
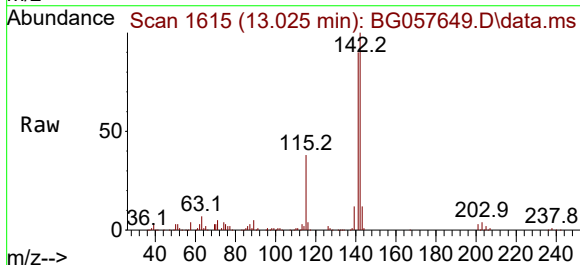
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

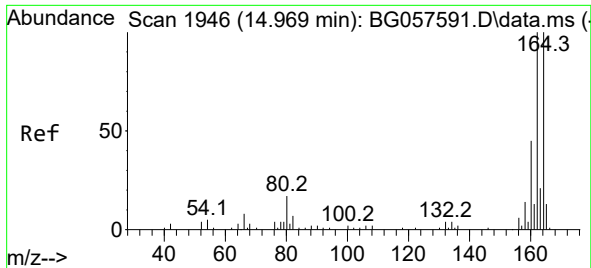
Tgt Ion:142 Resp: 196901
Ion Ratio Lower Upper
142 100
141 87.6 68.6 103.0
115 36.7 30.4 45.6



#38
1-Methylnaphthalene
Concen: 45.234 ng
RT: 13.025 min Scan# 1615
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:142 Resp: 185391
Ion Ratio Lower Upper
142 100
141 89.5 72.1 108.1
116 4.0 3.4 5.2

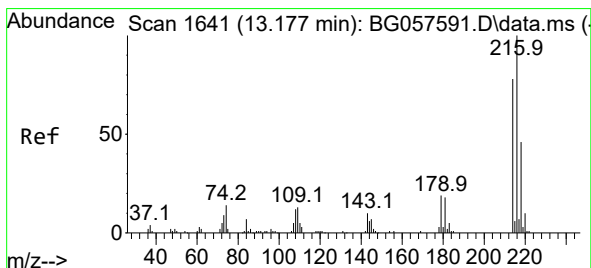
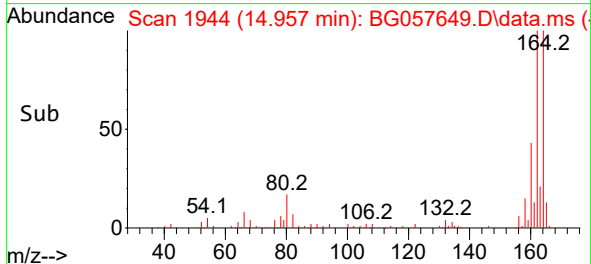
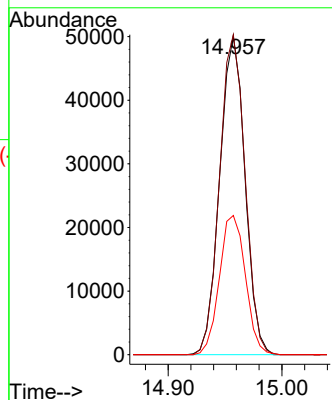
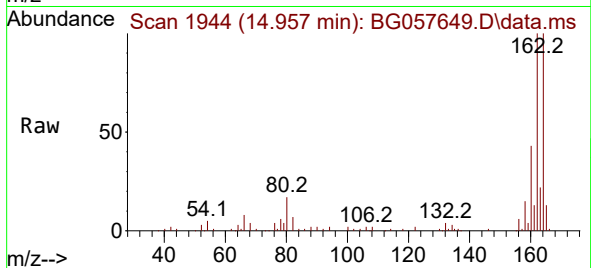




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.957 min Scan# 1946
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

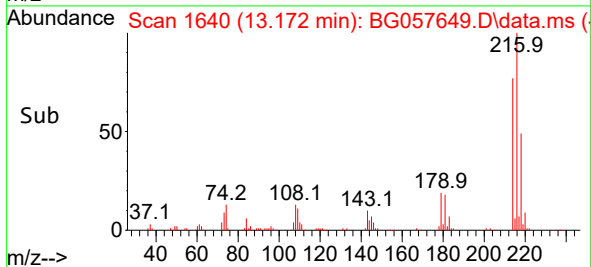
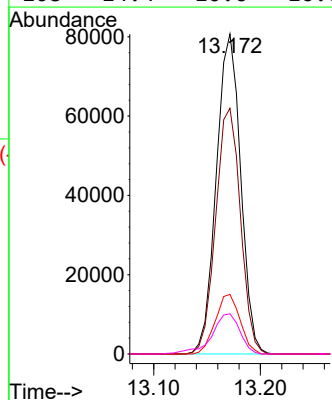
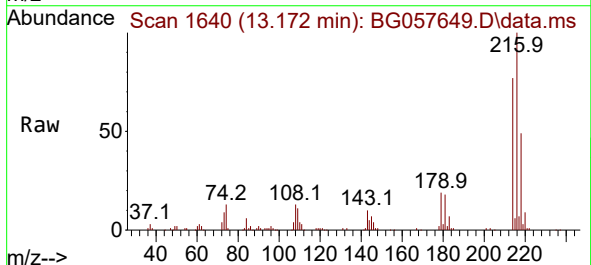
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

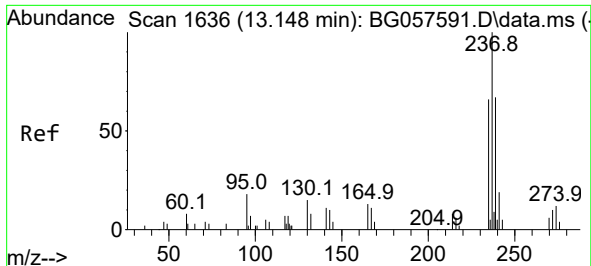
Tgt Ion:164 Resp: 77254
Ion Ratio Lower Upper
164 100
162 100.4 80.1 120.1
160 43.7 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.422 ng
RT: 13.172 min Scan# 1640
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:216 Resp: 127857
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.6
179 19.0 15.0 22.6
108 14.4 10.6 16.0

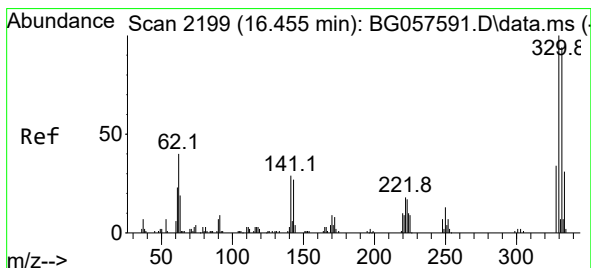
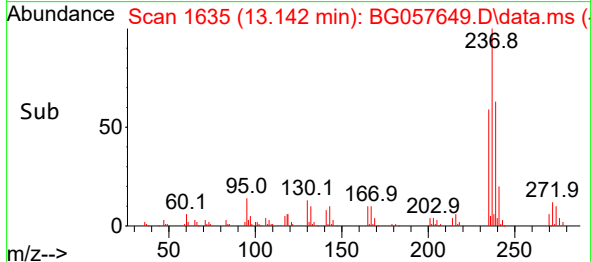
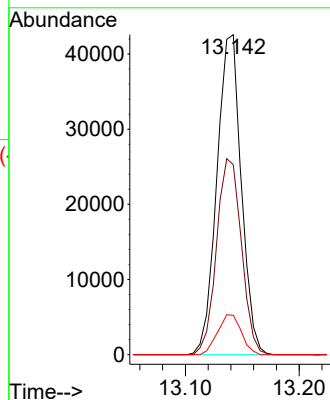
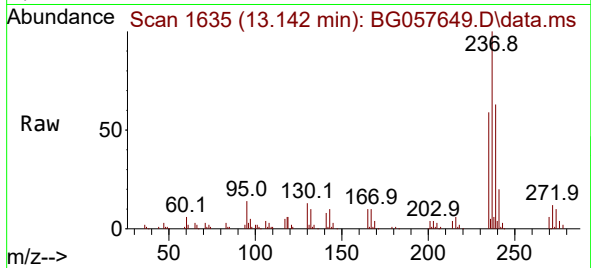




#41
Hexachlorocyclopentadiene
Concen: 90.918 ng
RT: 13.142 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

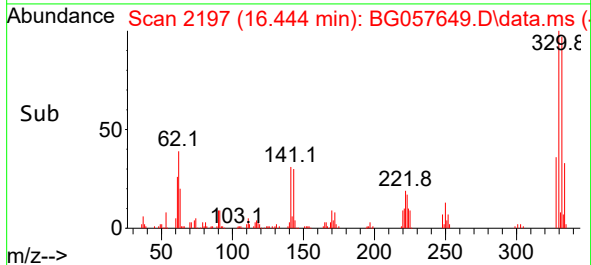
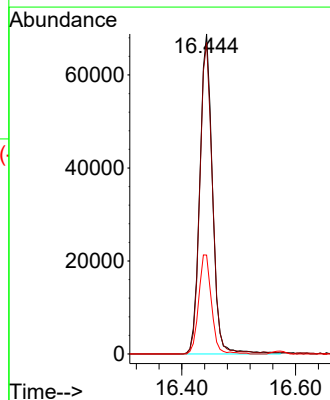
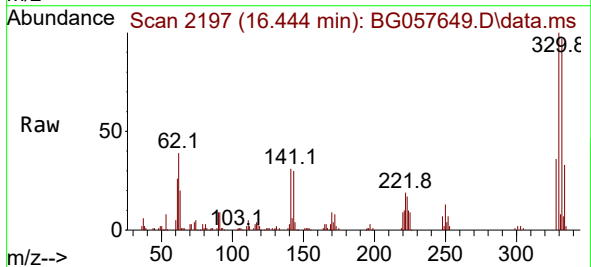
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

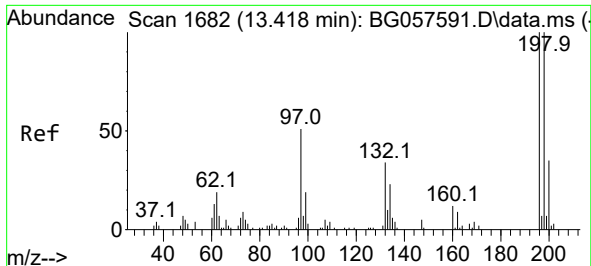
Tgt Ion:237 Resp: 63524
Ion Ratio Lower Upper
237 100
235 59.4 45.7 85.7
272 12.3 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 86.451 ng
RT: 16.444 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:330 Resp: 106927
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 31.3 24.6 37.0

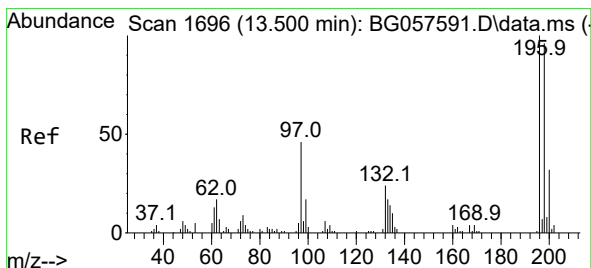
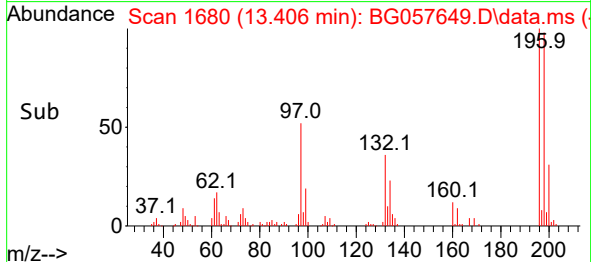
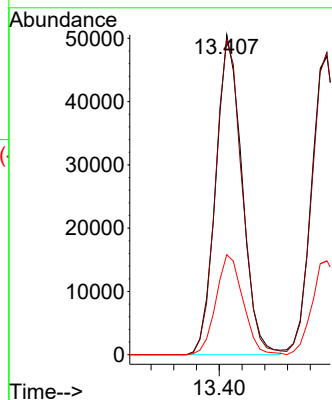
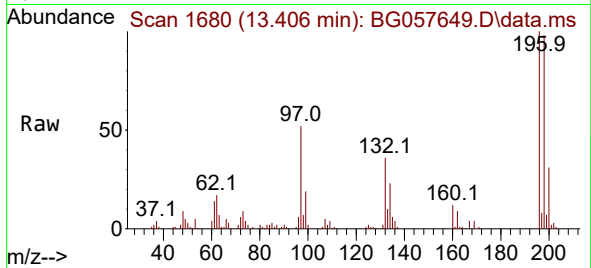




#43
2,4,6-Trichlorophenol
Concen: 50.843 ng
RT: 13.406 min Scan# 1680
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

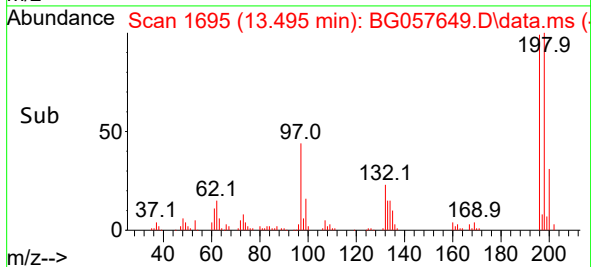
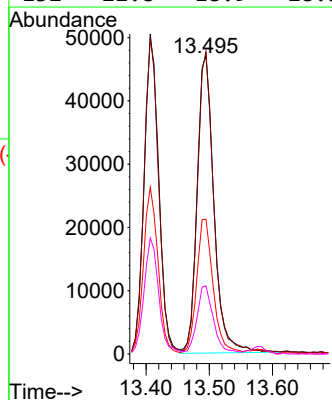
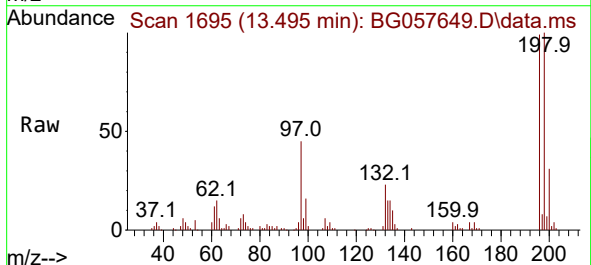
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

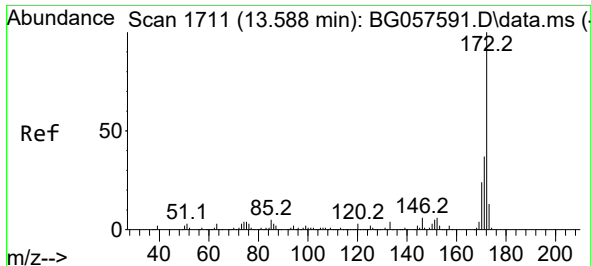
Tgt Ion:196 Resp: 81165
Ion Ratio Lower Upper
196 100
198 98.5 79.6 119.4
200 31.2 28.2 42.2



#44
2,4,5-Trichlorophenol
Concen: 45.806 ng
RT: 13.495 min Scan# 1695
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:196 Resp: 87092
Ion Ratio Lower Upper
196 100
198 101.3 76.9 115.3
97 45.1 36.6 55.0
132 22.8 18.9 28.3

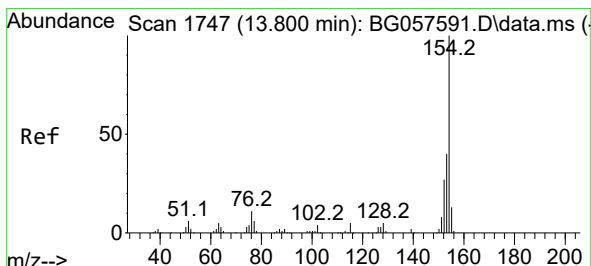
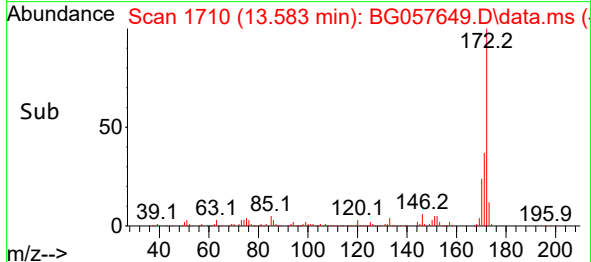
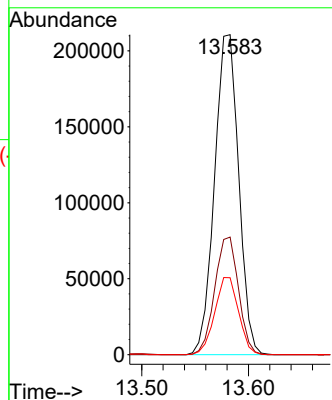
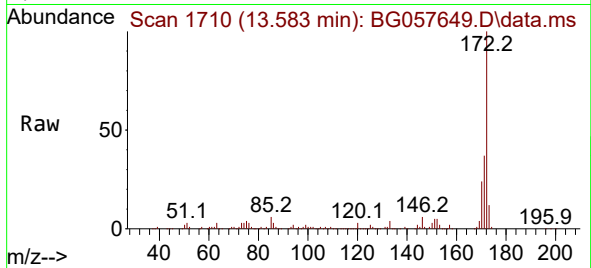




#45
2-Fluorobiphenyl
Concen: 61.567 ng
RT: 13.583 min Scan# 1710
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

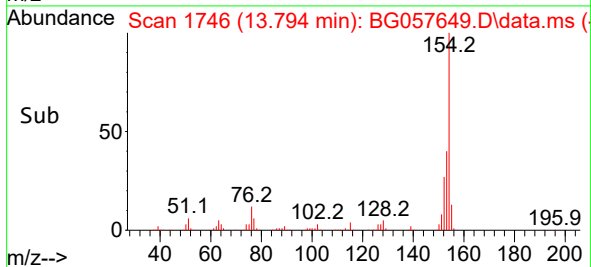
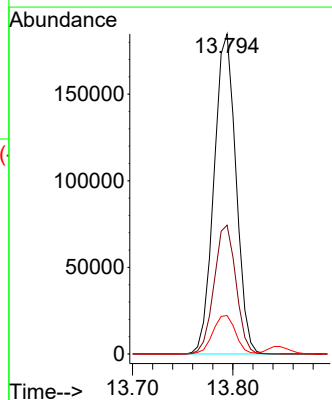
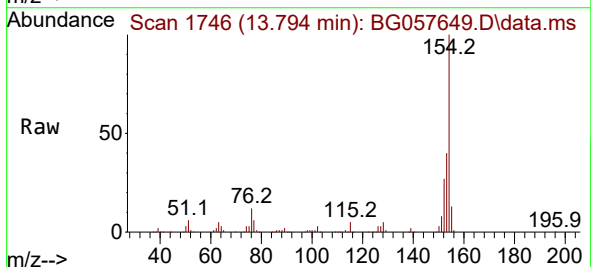
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

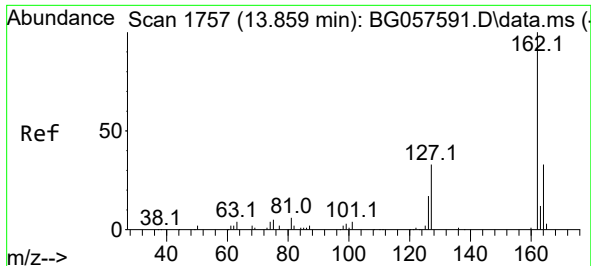
Tgt Ion:172 Resp: 330961
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 50.844 ng
RT: 13.794 min Scan# 1746
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:154 Resp: 280731
Ion Ratio Lower Upper
154 100
153 40.2 19.6 59.6
76 12.0 0.0 30.9

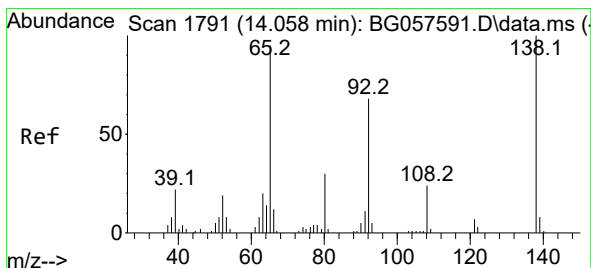
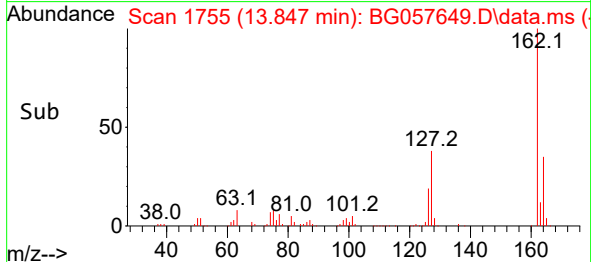
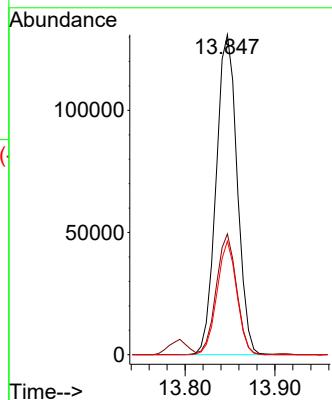
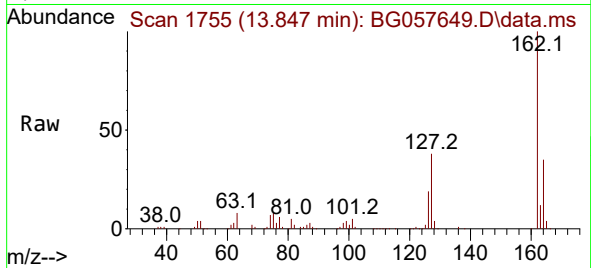




#47
2-Chloronaphthalene
Concen: 51.236 ng
RT: 13.847 min Scan# 1755
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

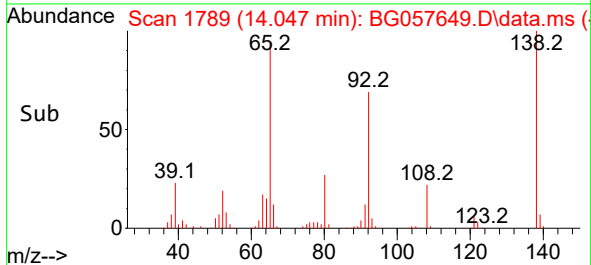
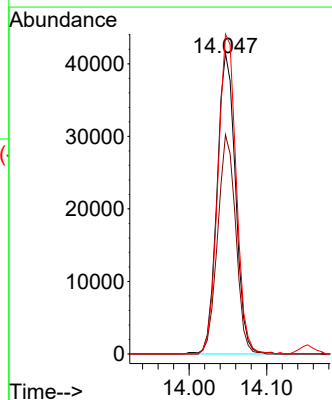
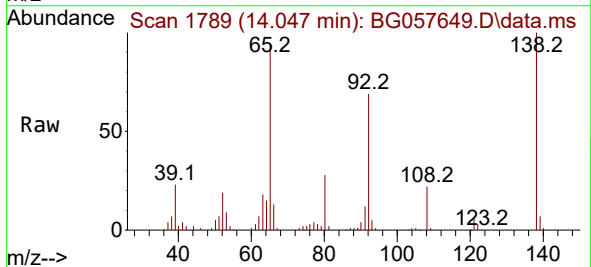
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

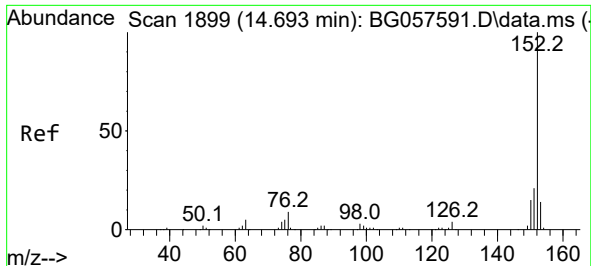
Tgt Ion:162 Resp: 213083
Ion Ratio Lower Upper
162 100
127 37.8 28.2 42.2
164 35.4 26.1 39.1



#48
2-Nitroaniline
Concen: 47.107 ng
RT: 14.047 min Scan# 1789
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion: 65 Resp: 68625
Ion Ratio Lower Upper
65 100
92 72.9 57.3 85.9
138 106.4 84.6 127.0

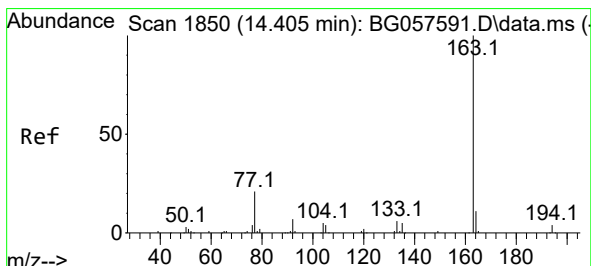
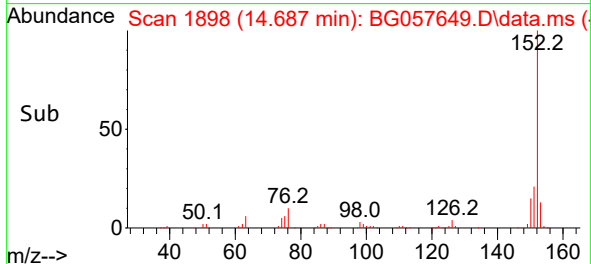
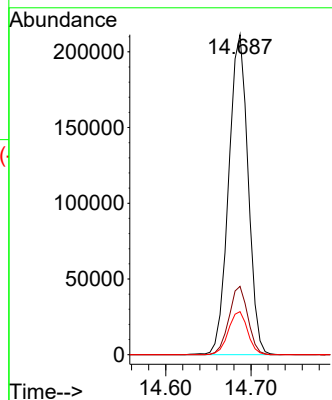
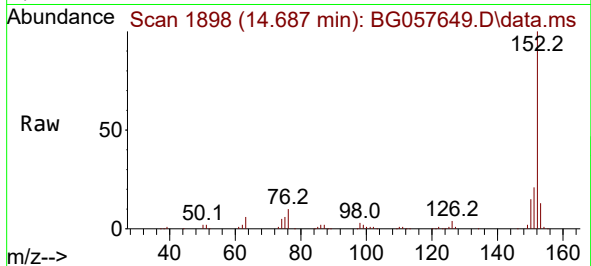




#49
Acenaphthylene
Concen: 47.356 ng
RT: 14.687 min Scan# 1899
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

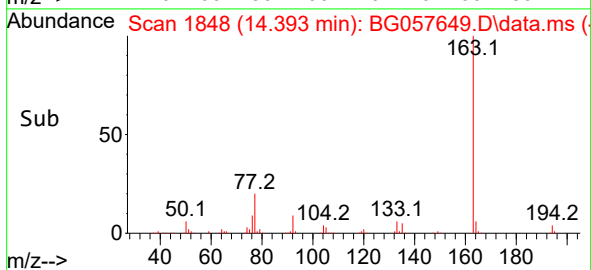
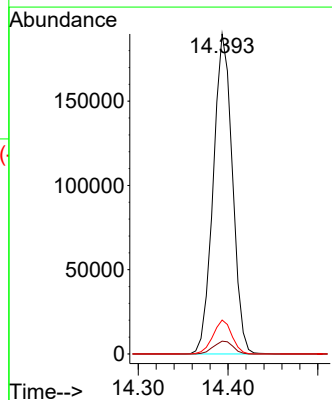
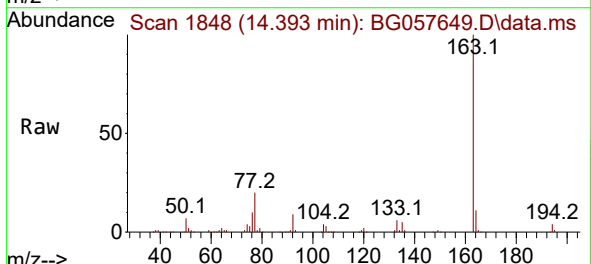
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

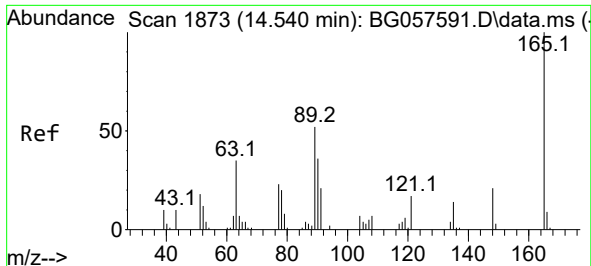
Tgt Ion:152 Resp: 333505
Ion Ratio Lower Upper
152 100
151 21.3 16.5 24.7
153 13.5 11.0 16.4



#50
Dimethylphthalate
Concen: 44.207 ng
RT: 14.393 min Scan# 1848
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:163 Resp: 281474
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.6 8.5 12.7

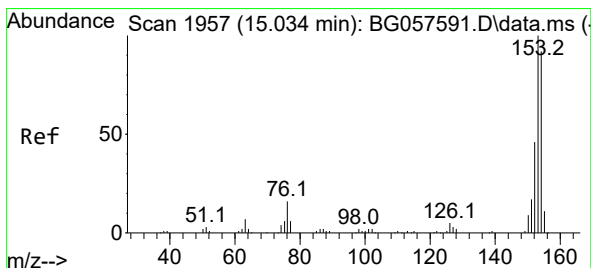
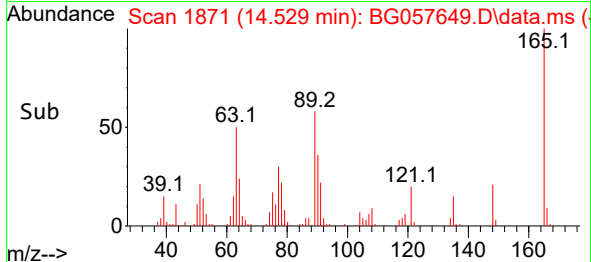
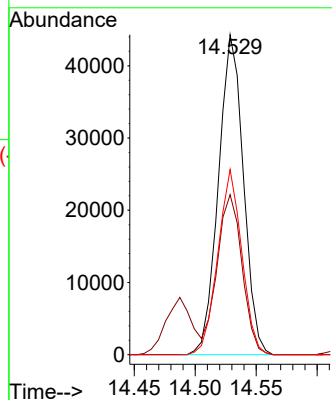
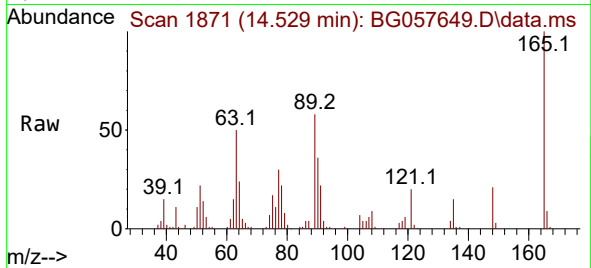




#51
2,6-Dinitrotoluene
Concen: 46.380 ng
RT: 14.529 min Scan# 1871
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

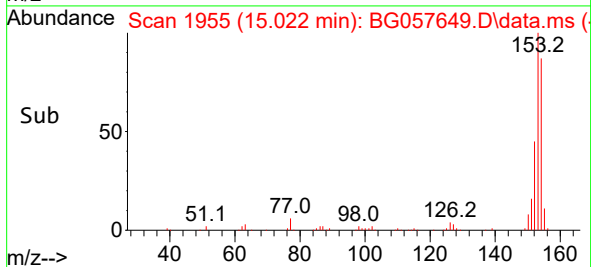
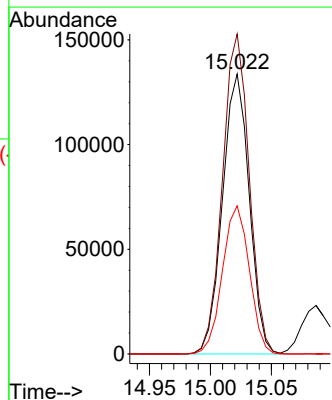
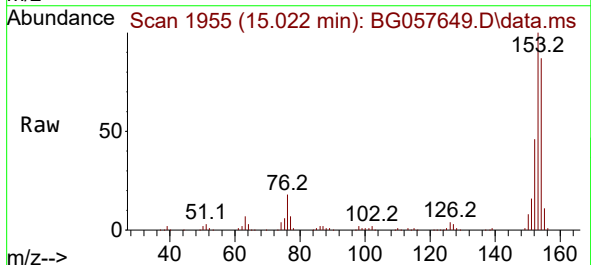
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

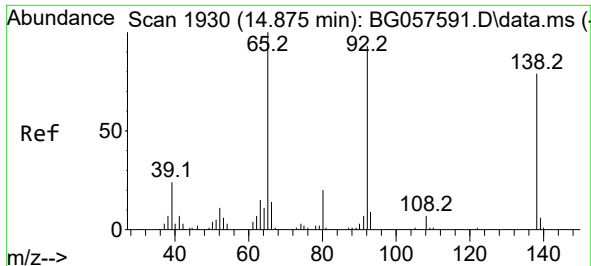
Tgt Ion:165 Resp: 63215
Ion Ratio Lower Upper
165 100
63 50.0 39.3 58.9
89 57.8 41.5 62.3



#52
Acenaphthene
Concen: 47.423 ng
RT: 15.022 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

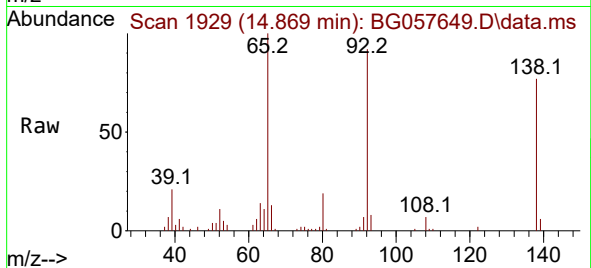
Tgt Ion:154 Resp: 204356
Ion Ratio Lower Upper
154 100
153 114.3 87.4 131.0
152 52.9 40.2 60.4



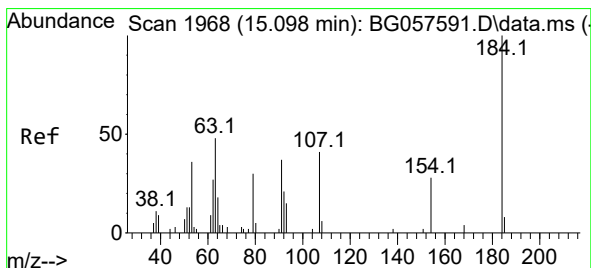
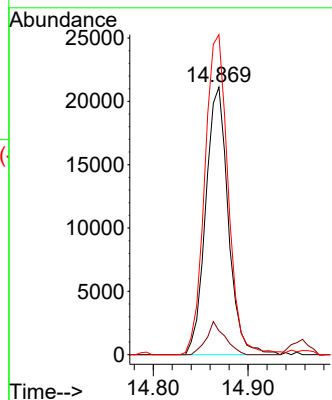
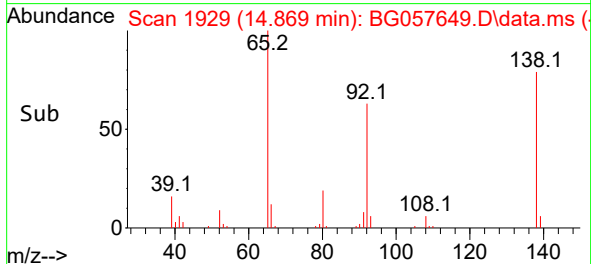


#53
3-Nitroaniline
Concen: 24.594 ng
RT: 14.869 min Scan# 1930
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

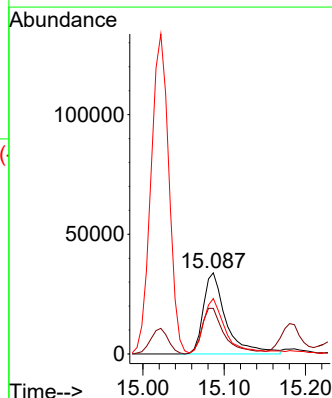
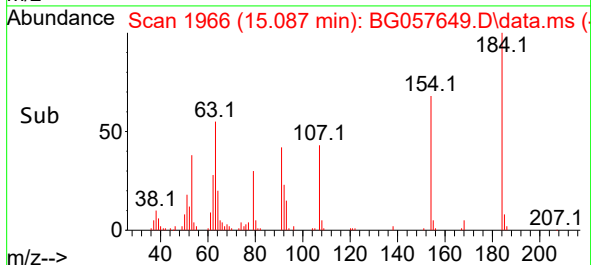
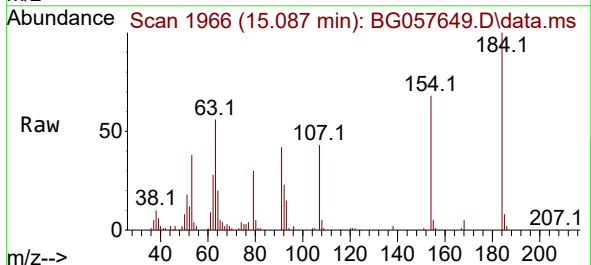


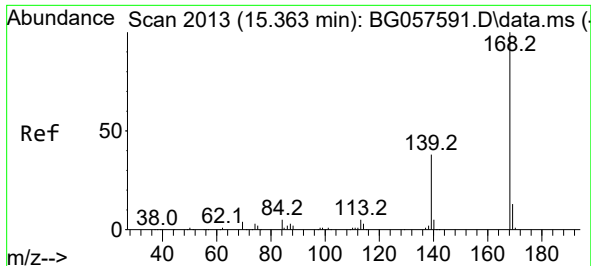
Tgt Ion:138 Resp: 34964
Ion Ratio Lower Upper
138 100
108 8.9 7.1 10.7
92 119.6 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 80.390 ng
RT: 15.087 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:184 Resp: 66098
Ion Ratio Lower Upper
184 100
63 56.2 41.4 62.2
154 68.2 52.5 78.7

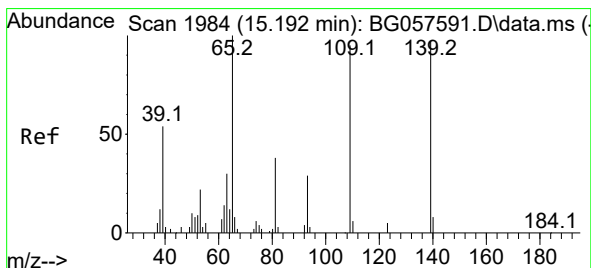
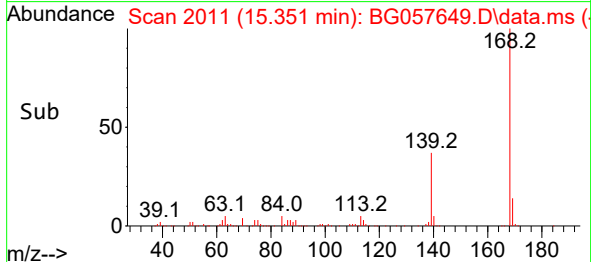
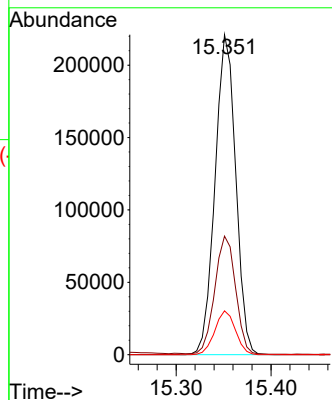
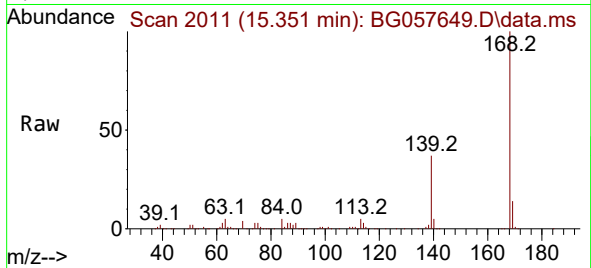




#55
Dibenzenofuran
Concen: 45.488 ng
RT: 15.351 min Scan# 2013
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

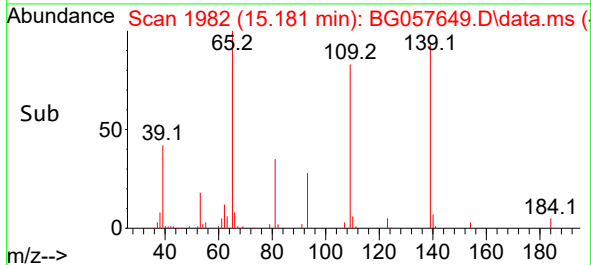
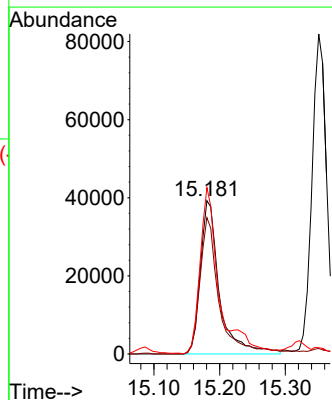
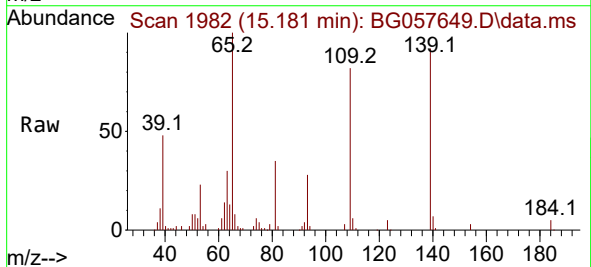
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

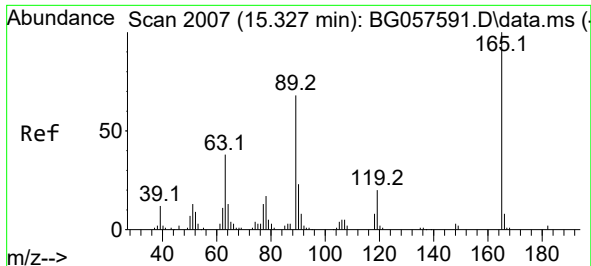
Tgt Ion:168 Resp: 334941
Ion Ratio Lower Upper
168 100
139 37.1 30.6 46.0
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 84.018 ng
RT: 15.181 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:139 Resp: 79581
Ion Ratio Lower Upper
139 100
109 89.0 78.2 118.2
65 108.6 83.2 123.2





#57

2,4-Dinitrotoluene

Concen: 43.960 ng

RT: 15.322 min Scan# 20

Delta R.T. -0.003 min

Lab File: BG057649.D

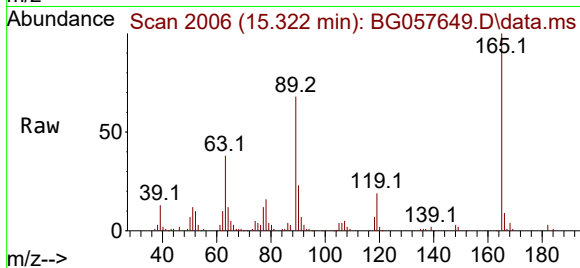
Acq: 6 Jun 2023 23:04

Instrument :

BNA_G

ClientSampleId :

TP16-0AMS



Tgt Ion:165 Resp: 89712

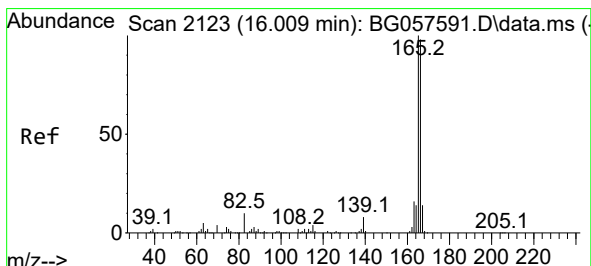
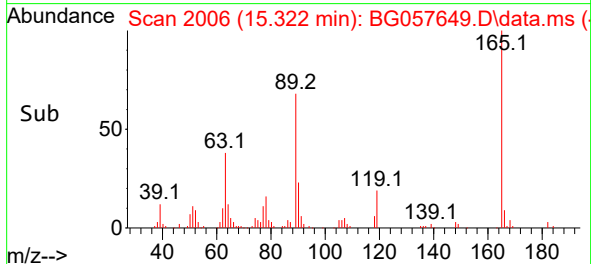
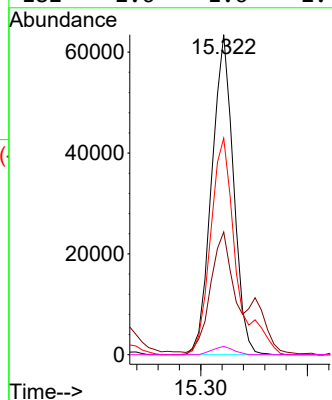
Ion Ratio Lower Upper

165 100

63 38.3 30.6 45.8

89 67.6 54.2 81.2

182 2.6 1.6 2.4#



#58

Fluorene

Concen: 44.565 ng

RT: 15.997 min Scan# 2121

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

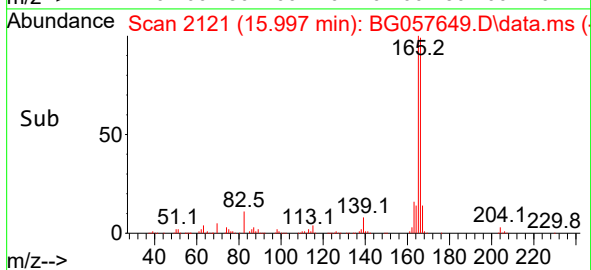
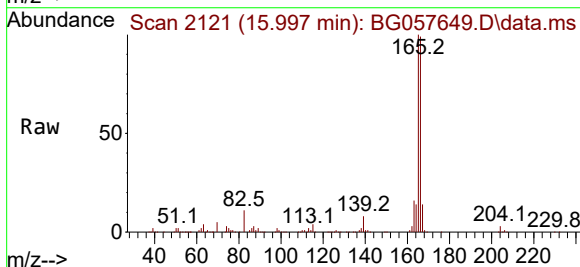
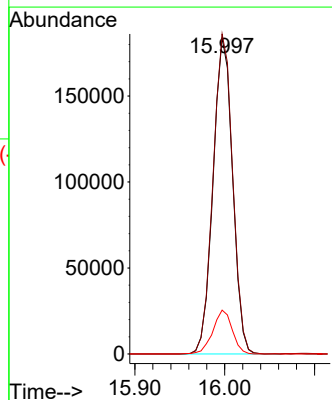
Tgt Ion:166 Resp: 277064

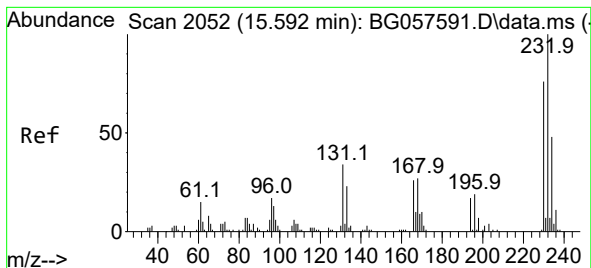
Ion Ratio Lower Upper

166 100

165 101.1 81.2 121.8

167 13.9 11.1 16.7

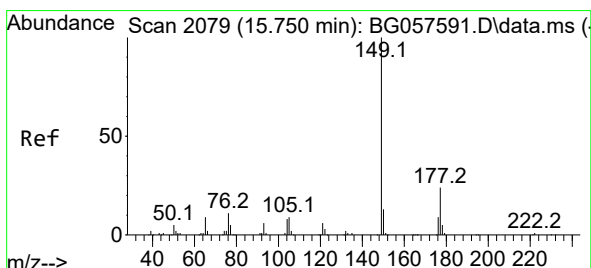
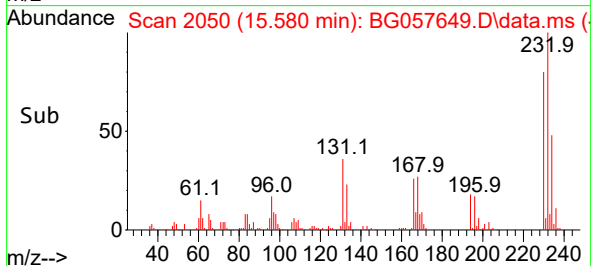
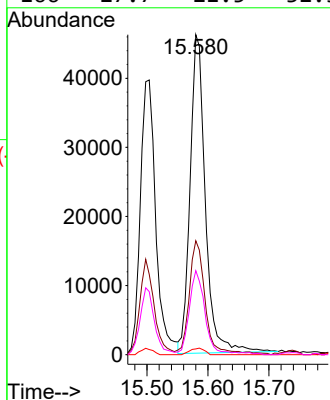
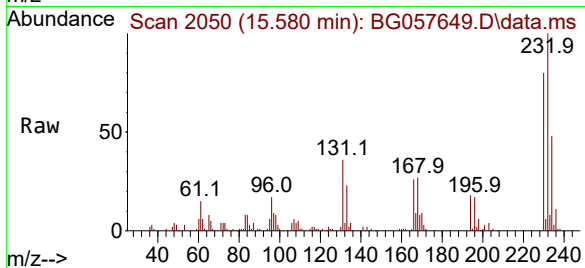




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.998 ng
RT: 15.580 min Scan# 2052
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

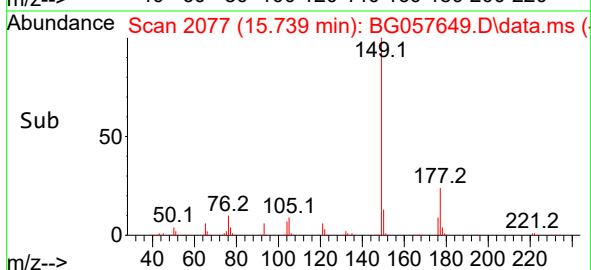
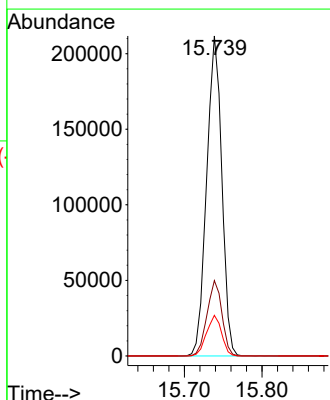
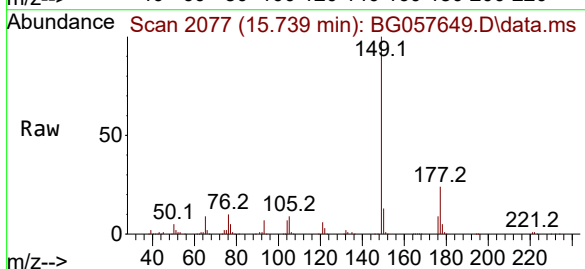
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

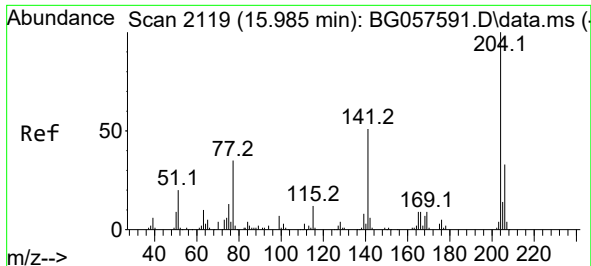
Tgt Ion:232 Resp: 80151
Ion Ratio Lower Upper
232 100
131 37.8 28.6 43.0
130 1.9 1.8 2.6
166 27.7 21.5 32.3



#60
Diethylphthalate
Concen: 43.220 ng
RT: 15.739 min Scan# 2077
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:149 Resp: 287231
Ion Ratio Lower Upper
149 100
177 23.6 19.0 28.6
150 12.7 10.1 15.1

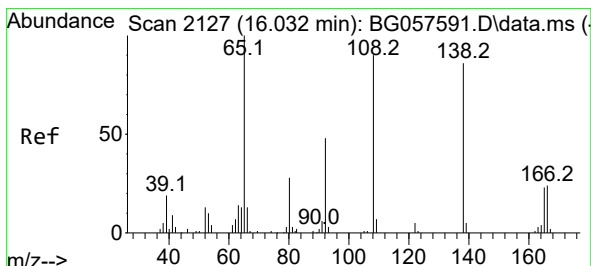
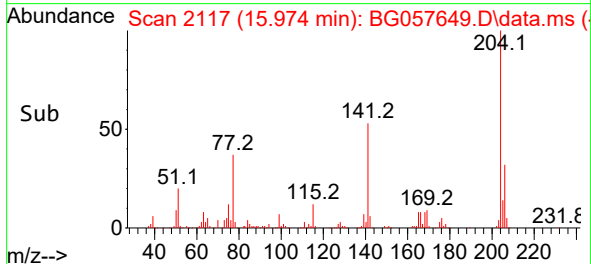
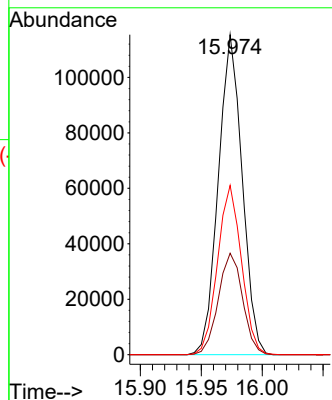
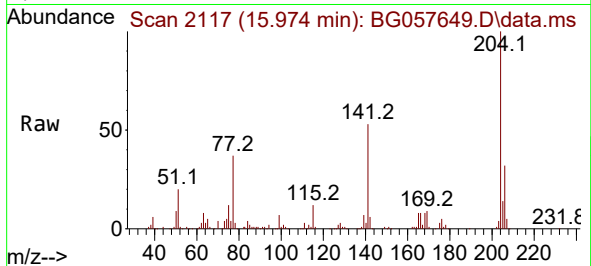




#61
4-Chlorophenyl-phenylether
Concen: 45.307 ng
RT: 15.974 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

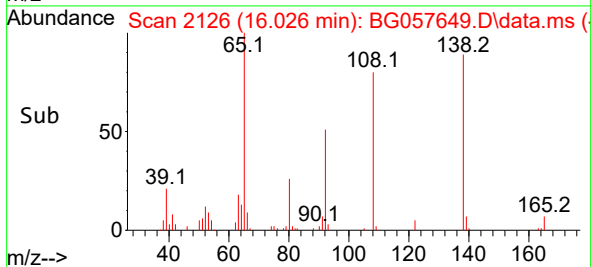
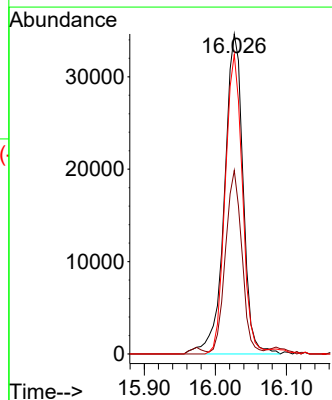
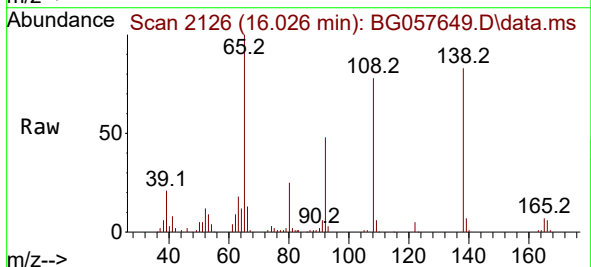
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

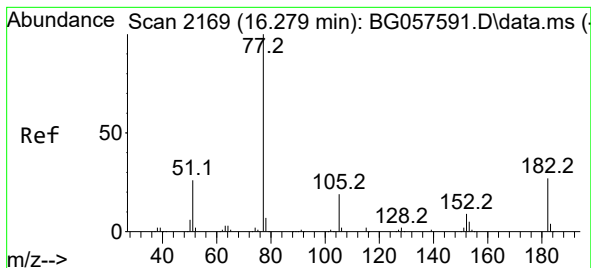
Tgt Ion:204 Resp: 156980
Ion Ratio Lower Upper
204 100
206 31.7 26.6 39.8
141 52.9 40.8 61.2



#62
4-Nitroaniline
Concen: 41.107 ng
RT: 16.026 min Scan# 2126
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:138 Resp: 63039
Ion Ratio Lower Upper
138 100
92 57.3 36.4 76.4
108 93.6 85.4 125.4





#63

Azobenzene

Concen: 50.834 ng

RT: 16.267 min Scan# 2167

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

Instrument :

BNA_G

ClientSampleId :

TP16-0AMS

Tgt Ion: 77 Resp: 300441

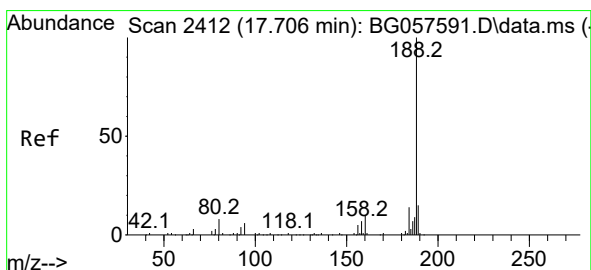
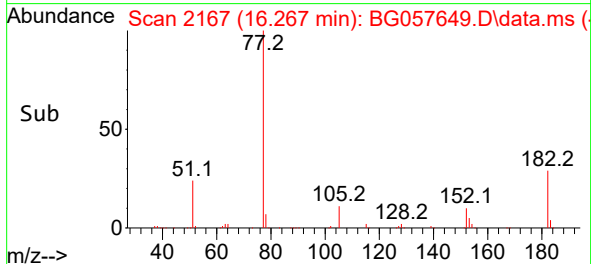
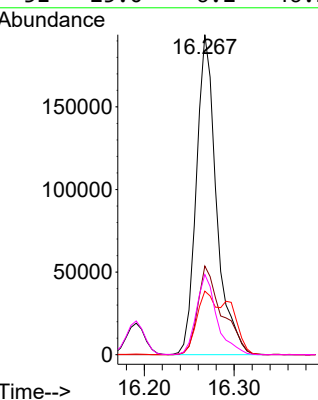
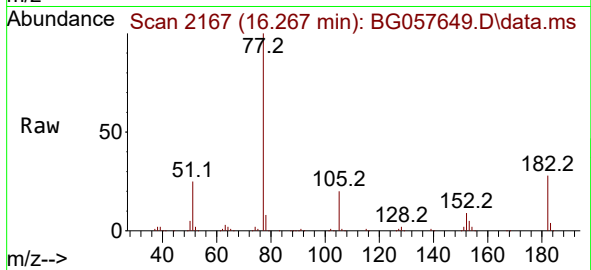
Ion Ratio Lower Upper

77 100

182 27.7 7.4 47.4

105 19.9 0.0 39.4

51 25.0 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.695 min Scan# 2410

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

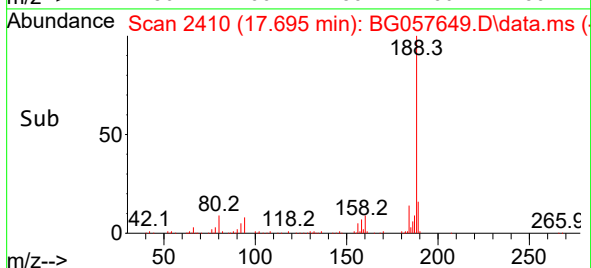
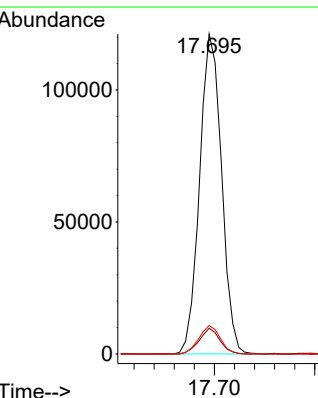
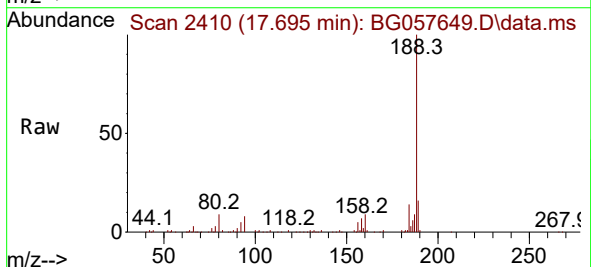
Tgt Ion:188 Resp: 184007

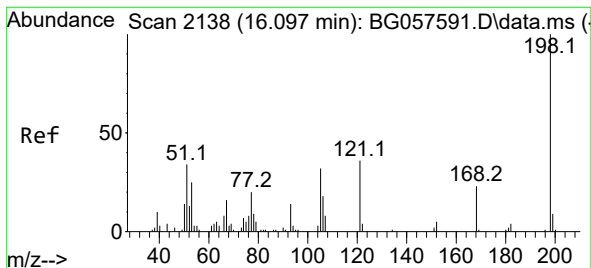
Ion Ratio Lower Upper

188 100

94 8.1 5.2 7.8#

80 8.9 6.7 10.1

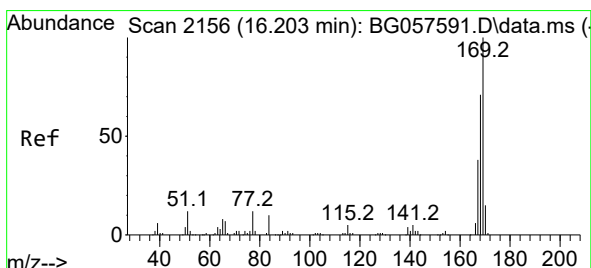
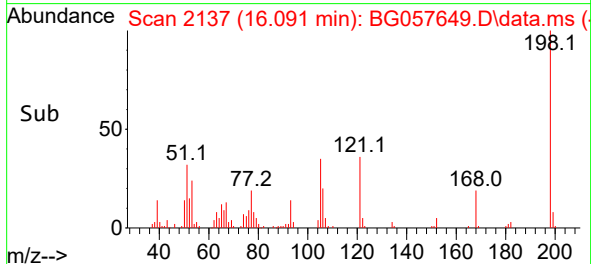
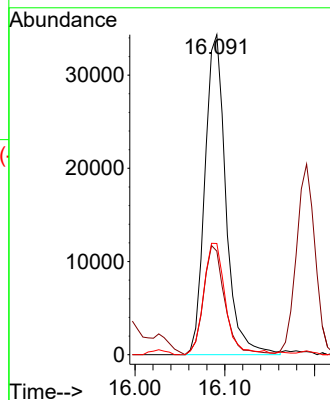
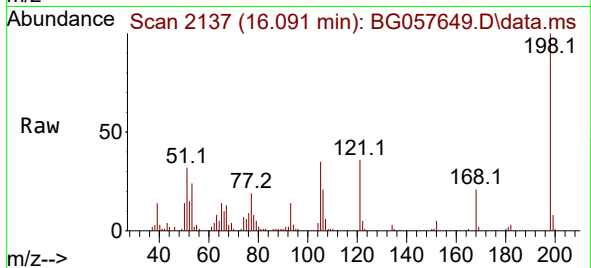




#65
4,6-Dinitro-2-methylphenol
Concen: 49.607 ng
RT: 16.091 min Scan# 2138
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

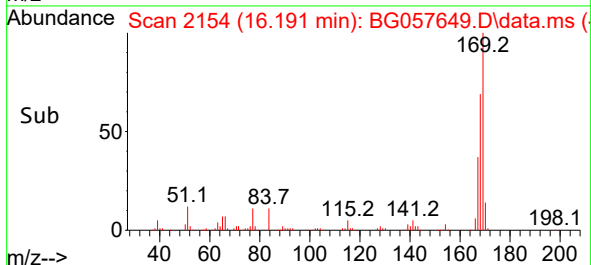
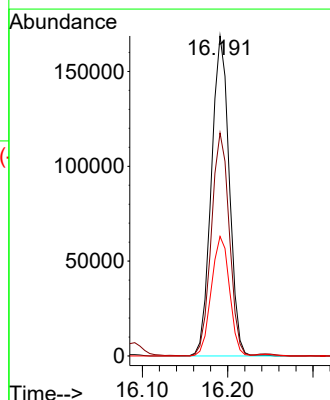
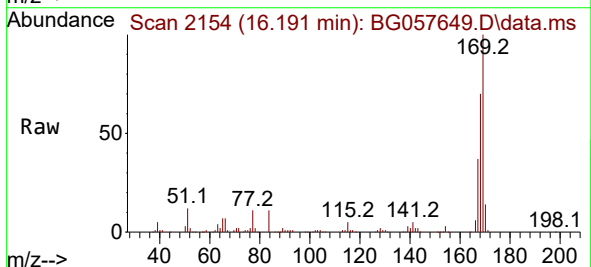
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

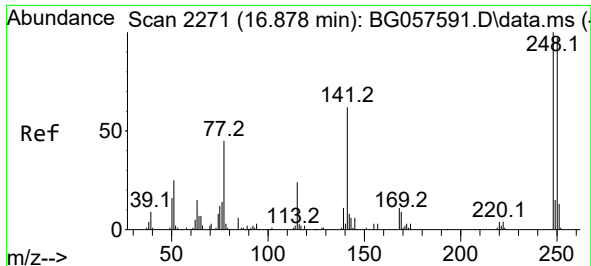
Tgt Ion:198 Resp: 55579
Ion Ratio Lower Upper
198 100
51 32.3 14.9 54.9
105 34.8 11.8 51.8



#66
n-Nitrosodiphenylamine
Concen: 51.406 ng
RT: 16.191 min Scan# 2154
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:169 Resp: 245854
Ion Ratio Lower Upper
169 100
168 69.7 56.7 85.1
167 37.4 30.7 46.1

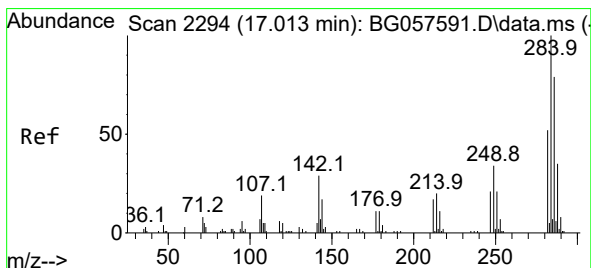
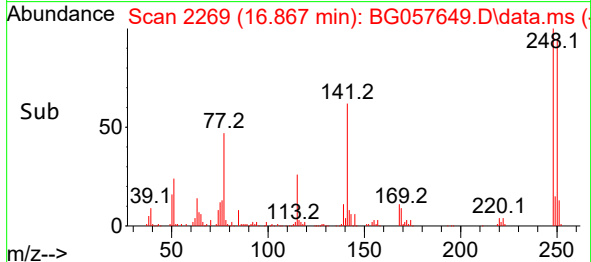
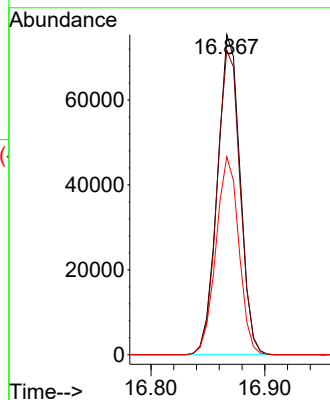
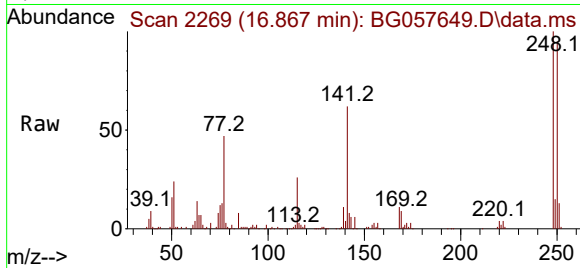




#67
4-Bromophenyl-phenylether
Concen: 50.596 ng
RT: 16.867 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

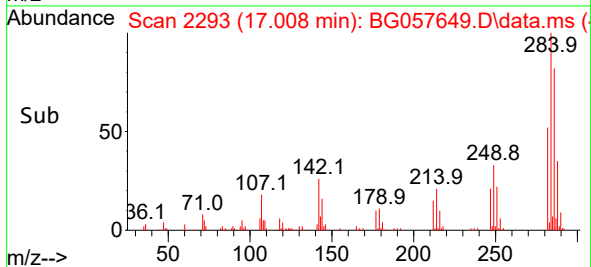
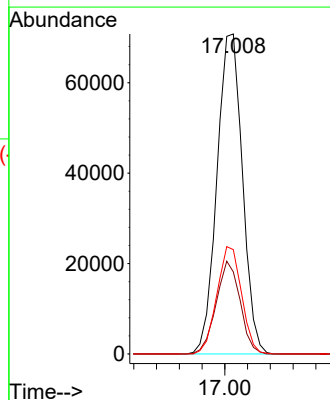
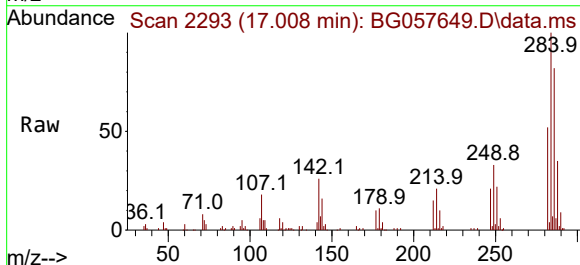
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

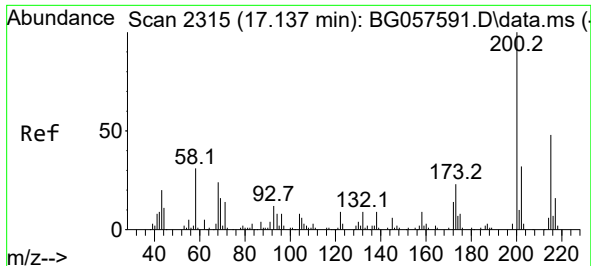
Tgt Ion:248 Resp: 104433
Ion Ratio Lower Upper
248 100
250 95.2 77.4 116.2
141 61.9 49.4 74.0



#68
Hexachlorobenzene
Concen: 51.756 ng
RT: 17.008 min Scan# 2293
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:284 Resp: 110118
Ion Ratio Lower Upper
284 100
142 25.6 22.9 34.3
249 32.6 27.0 40.4

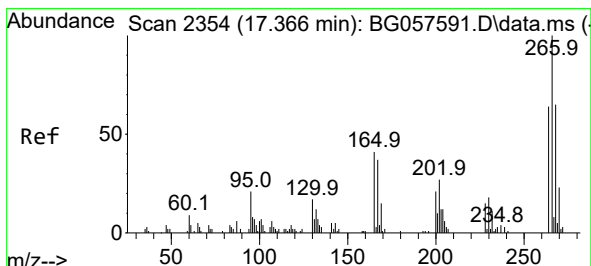
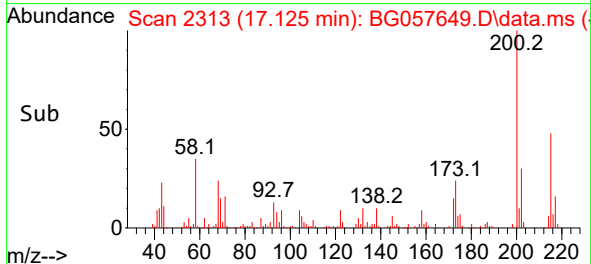
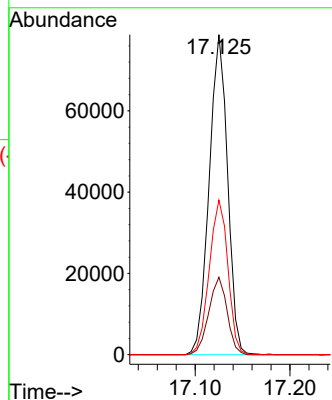
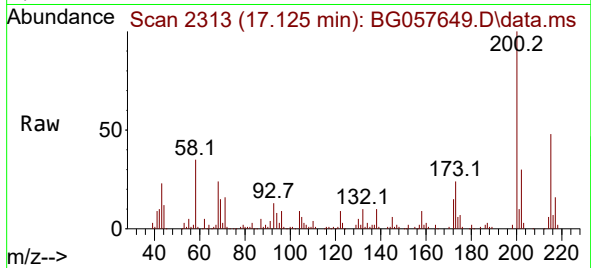




#69
 Atrazine
 Concen: 51.571 ng
 RT: 17.125 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057649.D
 Acq: 6 Jun 2023 23:04

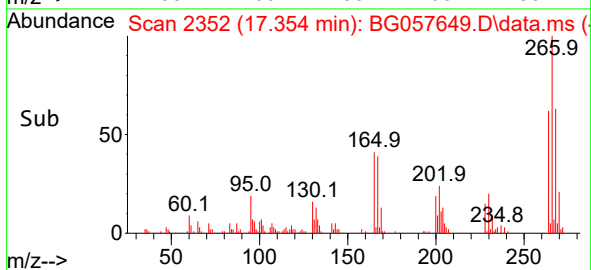
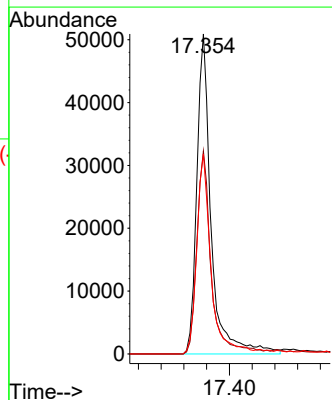
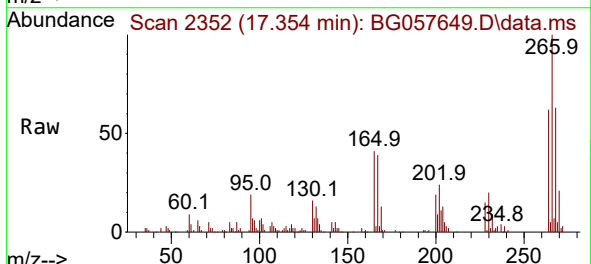
Instrument :
 BNA_G
 ClientSampleId :
 TP16-0AMS

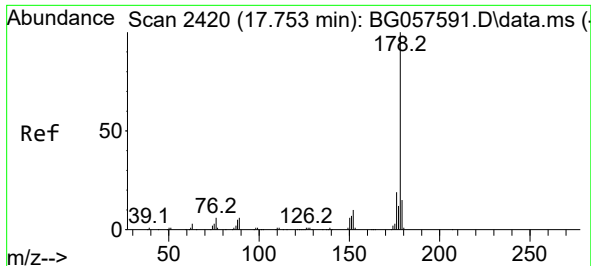
Tgt Ion:200 Resp: 105893
 Ion Ratio Lower Upper
 200 100
 173 24.2 3.2 43.2
 215 48.3 28.4 68.4



#70
 Pentachlorophenol
 Concen: 82.152 ng
 RT: 17.354 min Scan# 2352
 Delta R.T. -0.003 min
 Lab File: BG057649.D
 Acq: 6 Jun 2023 23:04

Tgt Ion:266 Resp: 89062
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.2 78.4
 264 62.5 51.2 76.8

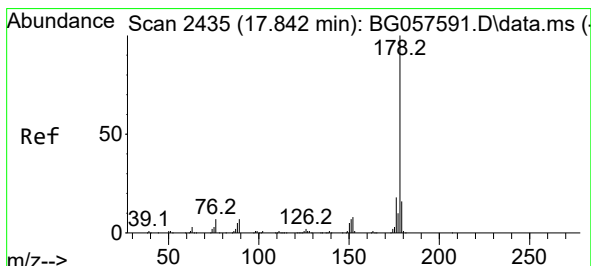
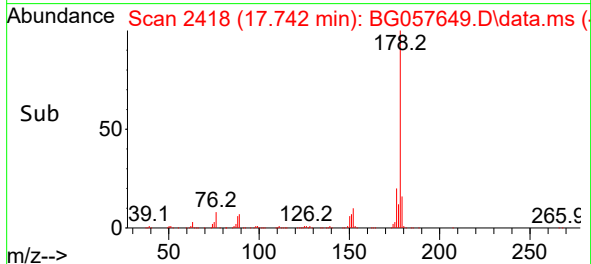
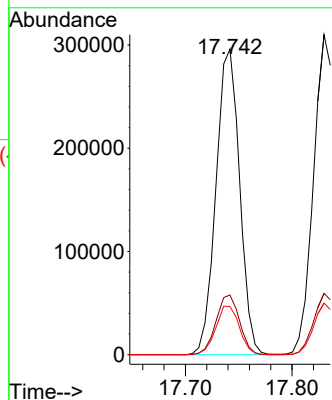
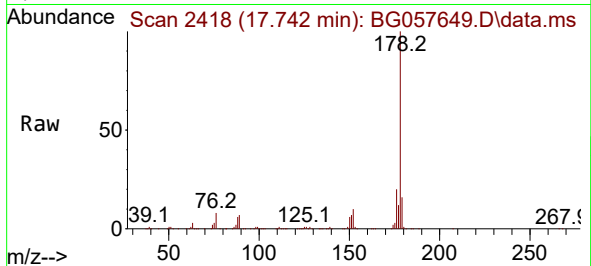




#71
Phenanthrene
Concen: 48.386 ng
RT: 17.742 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

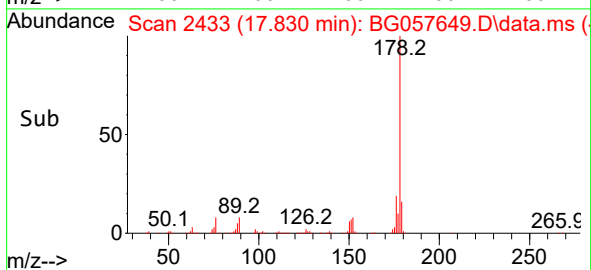
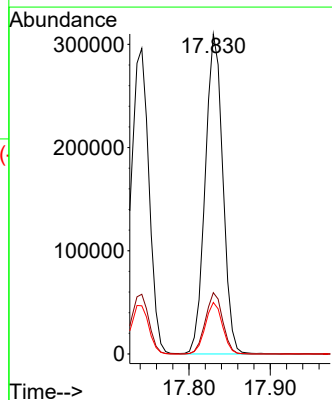
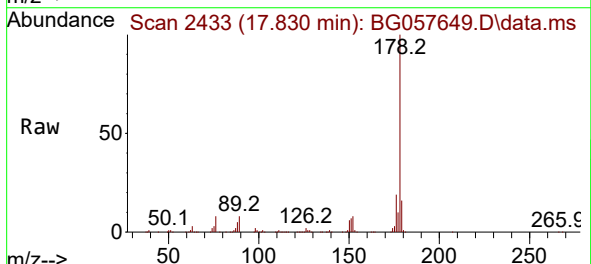
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

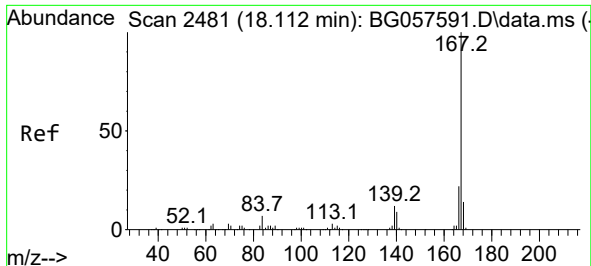
Tgt Ion:178 Resp: 455622
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.8 12.0 18.0



#72
Anthracene
Concen: 48.258 ng
RT: 17.830 min Scan# 2433
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:178 Resp: 466168
Ion Ratio Lower Upper
178 100
176 19.1 14.6 22.0
179 16.1 12.6 18.8

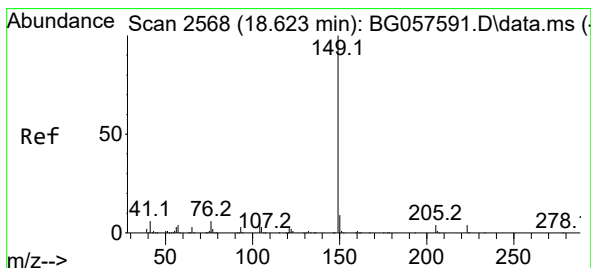
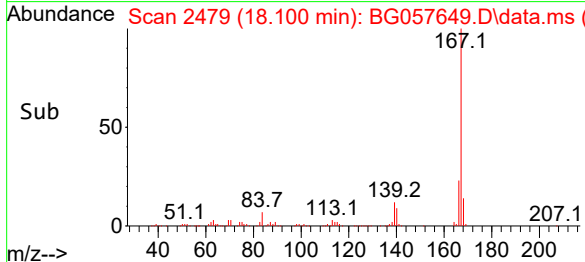
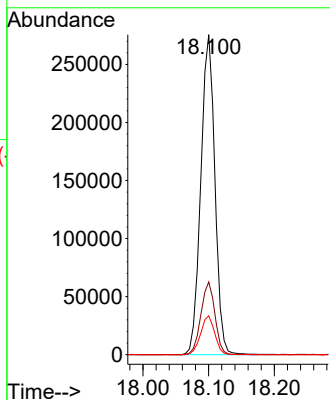
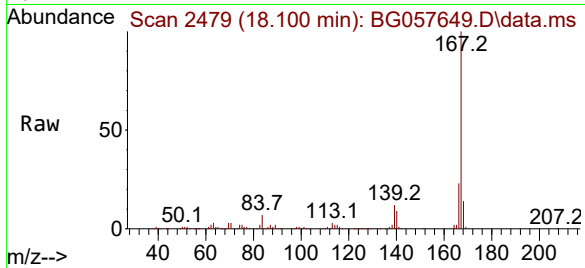




#73
Carbazole
Concen: 47.780 ng
RT: 18.100 min Scan# 2481
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

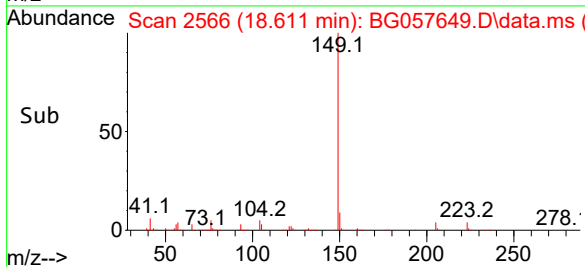
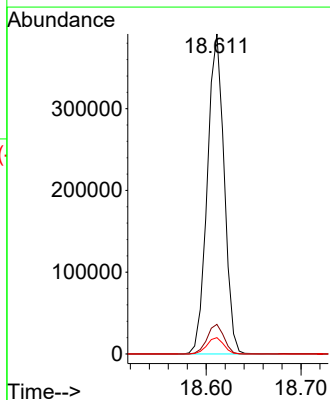
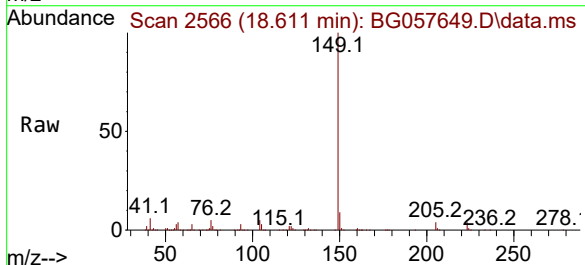
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

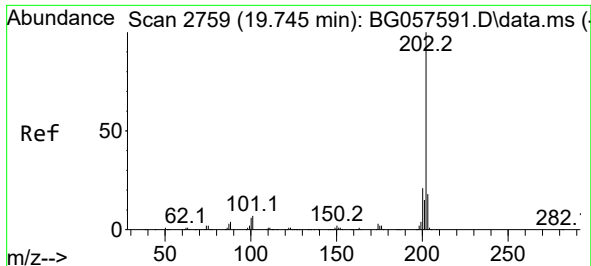
Tgt Ion:167 Resp: 412894
Ion Ratio Lower Upper
167 100
166 22.8 17.9 26.9
139 12.1 9.6 14.4



#74
Di-n-butylphthalate
Concen: 46.942 ng
RT: 18.611 min Scan# 2566
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:149 Resp: 481566
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.1 4.6 6.8

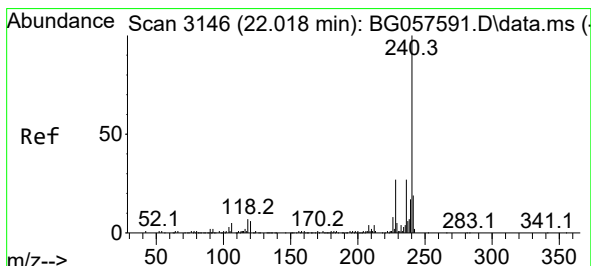
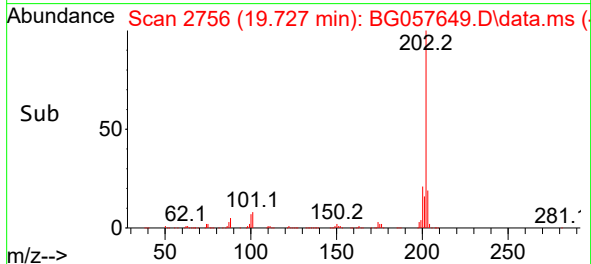
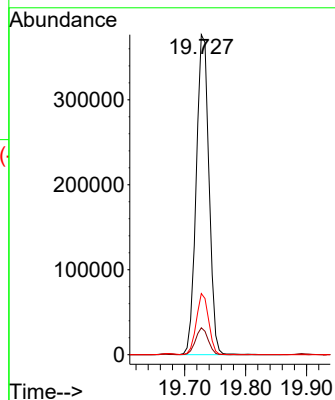
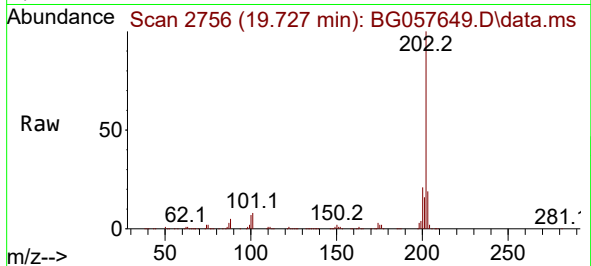




#75
Fluoranthene
Concen: 44.757 ng
RT: 19.727 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

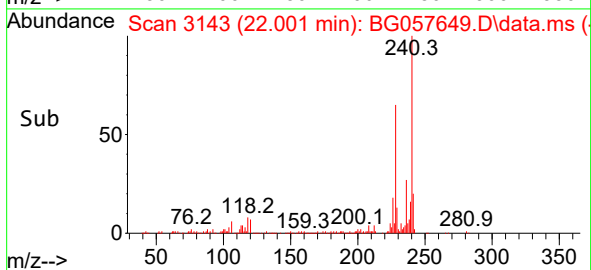
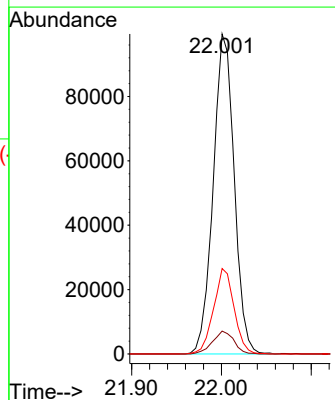
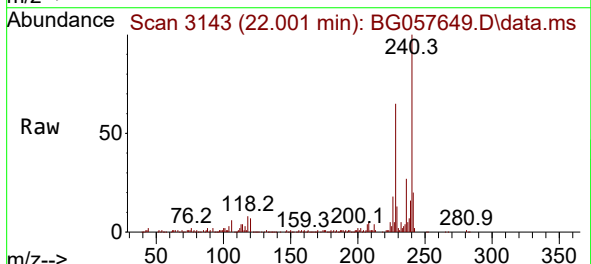
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

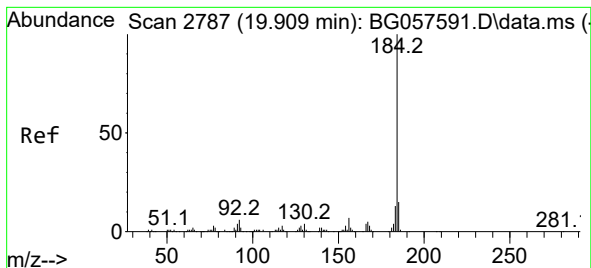
Tgt Ion:202 Resp: 547128
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.5
203 19.1 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.001 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:240 Resp: 161507
Ion Ratio Lower Upper
240 100
120 7.2 5.2 7.8
236 26.7 21.4 32.0





#77

Benzidine

Concen: 49.187 ng

RT: 19.898 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

Instrument :

BNA_G

ClientSampleId :

TP16-0AMS

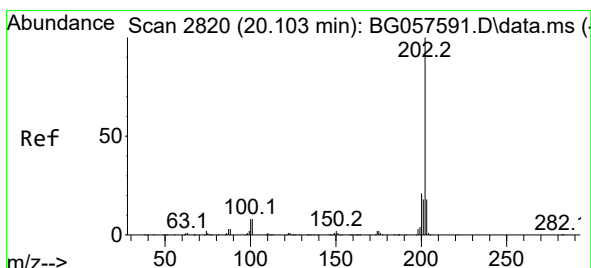
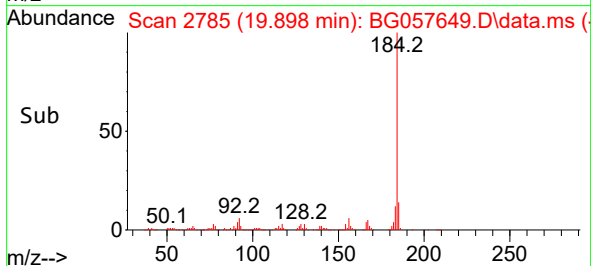
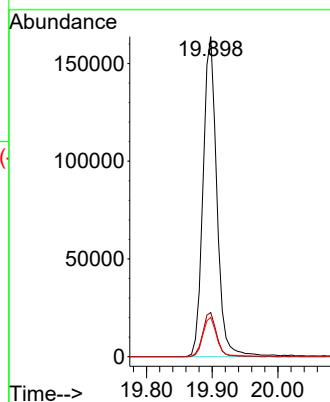
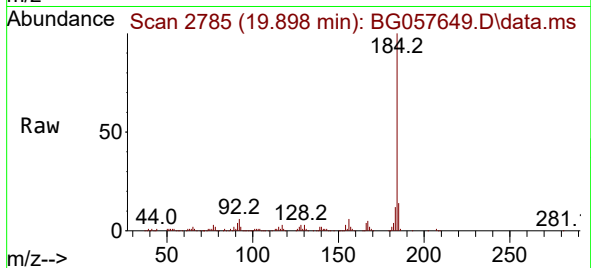
Tgt Ion:184 Resp: 240386

Ion Ratio Lower Upper

184 100

185 13.8 12.0 18.0

183 12.3 10.0 15.0



#78

Pyrene

Concen: 48.118 ng

RT: 20.092 min Scan# 2818

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

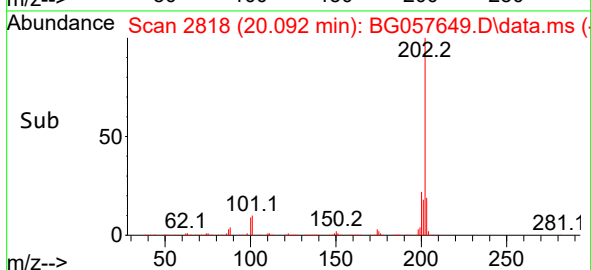
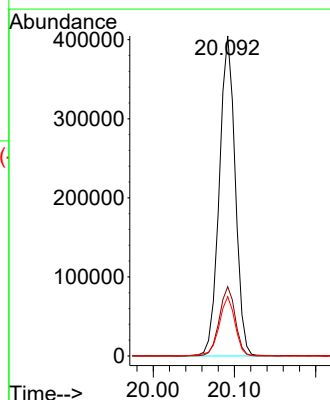
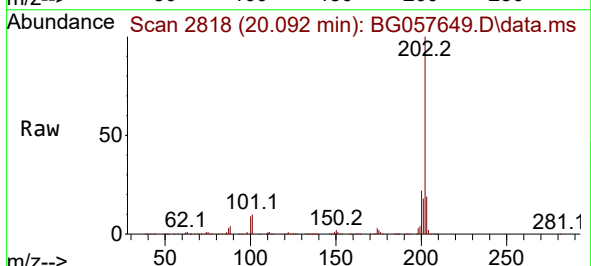
Tgt Ion:202 Resp: 553338

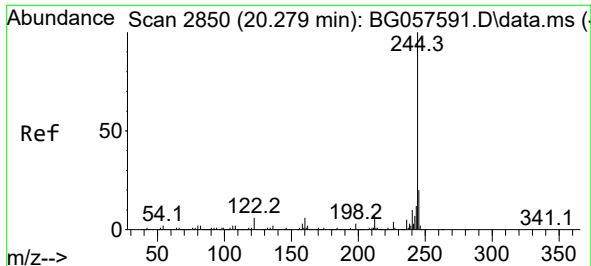
Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

203 18.6 14.5 21.7

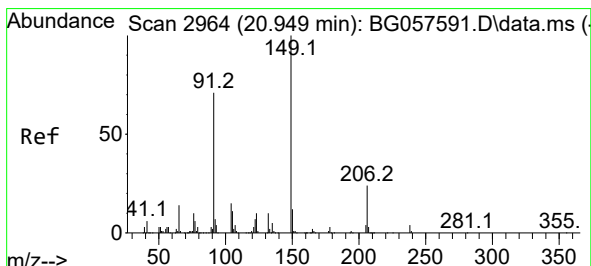
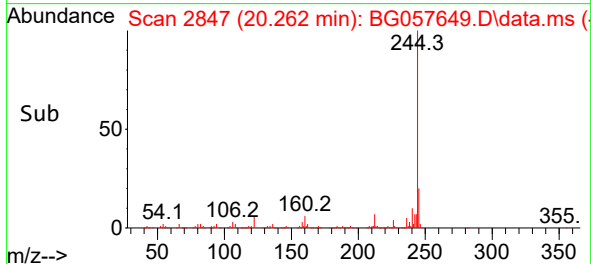
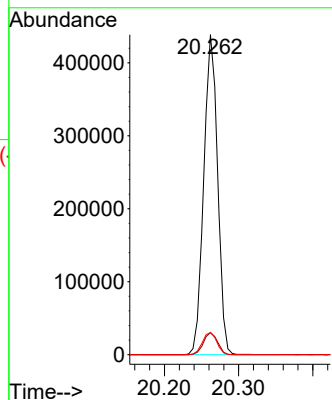
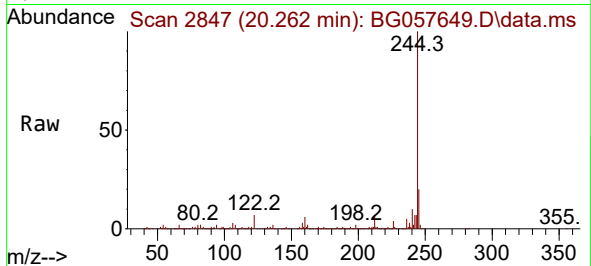




#79
 Terphenyl-d14
 Concen: 61.039 ng
 RT: 20.262 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057649.D
 Acq: 6 Jun 2023 23:04

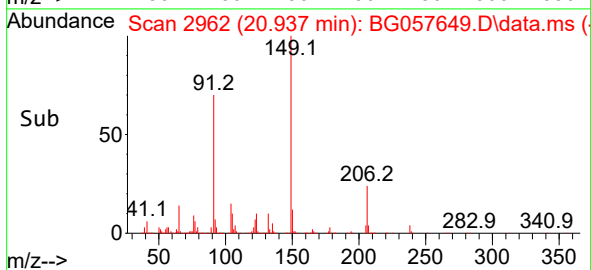
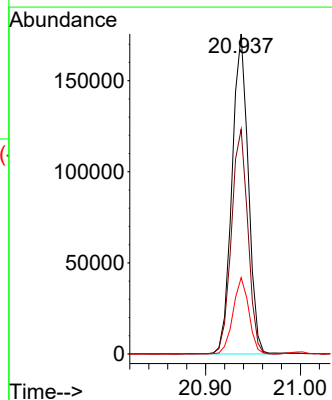
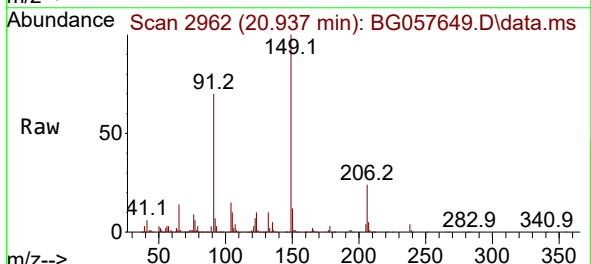
Instrument :
 BNA_G
 ClientSampleId :
 TP16-0AMS

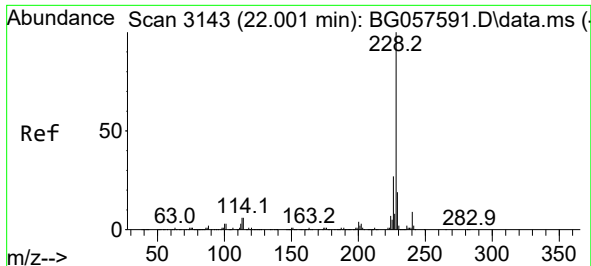
Tgt Ion:244 Resp: 569111
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 6.9 4.8 7.2



#80
 Butylbenzylphthalate
 Concen: 49.998 ng
 RT: 20.937 min Scan# 2962
 Delta R.T. -0.003 min
 Lab File: BG057649.D
 Acq: 6 Jun 2023 23:04

Tgt Ion:149 Resp: 209396
 Ion Ratio Lower Upper
 149 100
 91 70.2 57.0 85.6
 206 23.9 19.4 29.2

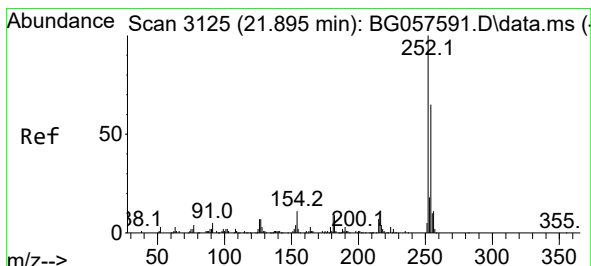
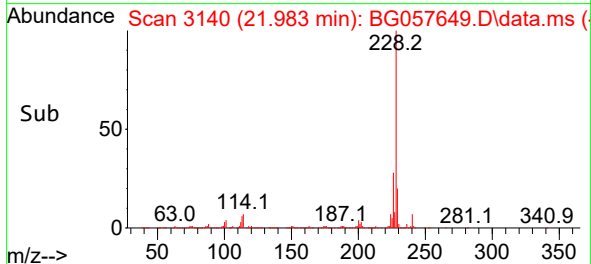
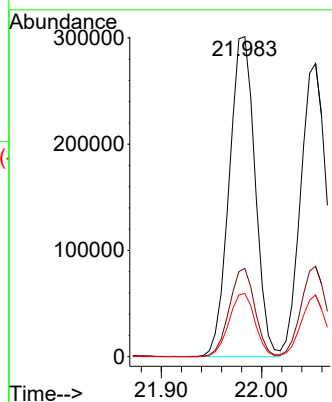
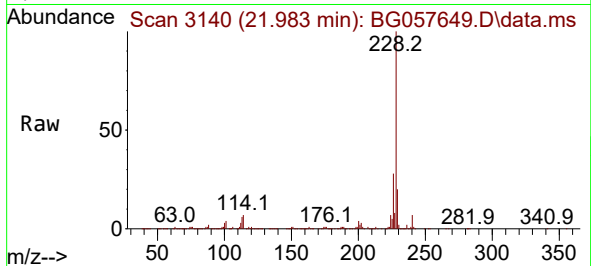




#81
Benzo(a)anthracene
Concen: 48.188 ng
RT: 21.983 min Scan# 3143
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

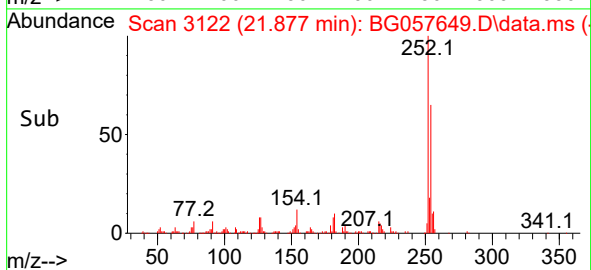
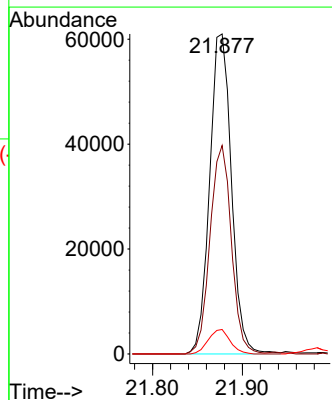
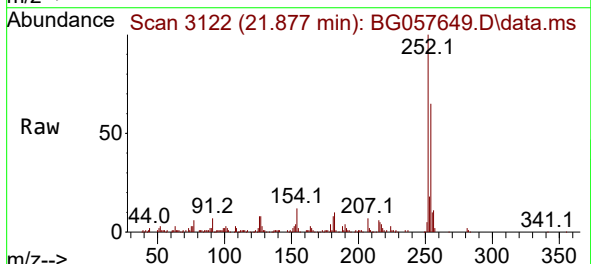
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

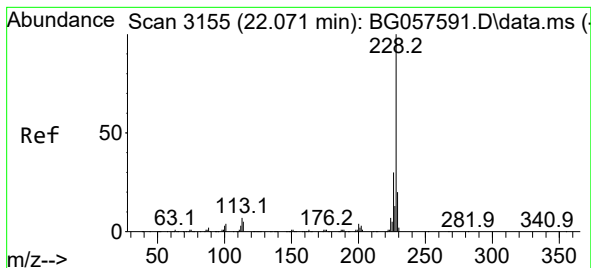
Tgt Ion:228 Resp: 539940
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 19.8 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 24.858 ng
RT: 21.877 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:252 Resp: 102710
Ion Ratio Lower Upper
252 100
254 65.2 51.8 77.8
126 7.6 5.4 8.2





#83

Chrysene

Concen: 46.298 ng

RT: 22.054 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

Instrument :

BNA_G

ClientSampleId :

TP16-0AMS

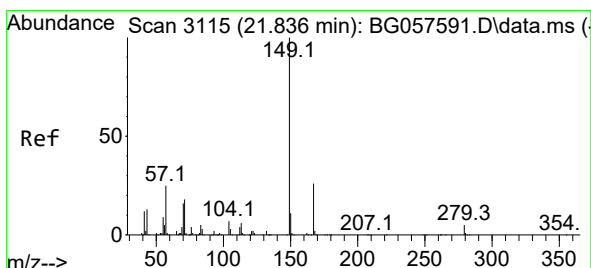
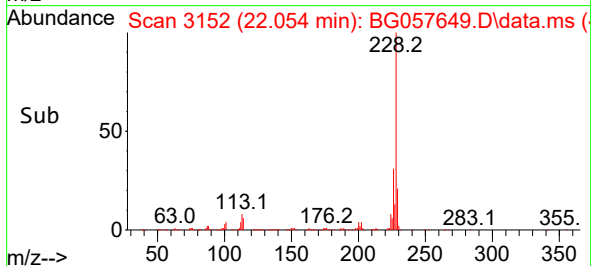
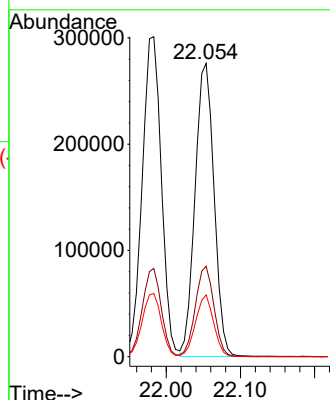
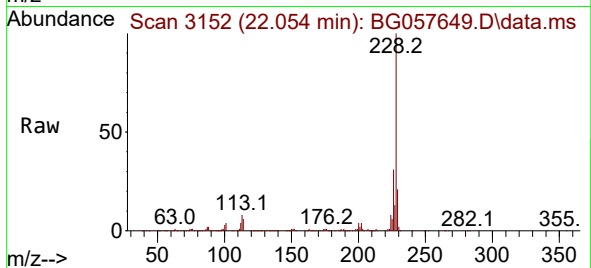
Tgt Ion:228 Resp: 490227

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 21.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.797 ng

RT: 21.819 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

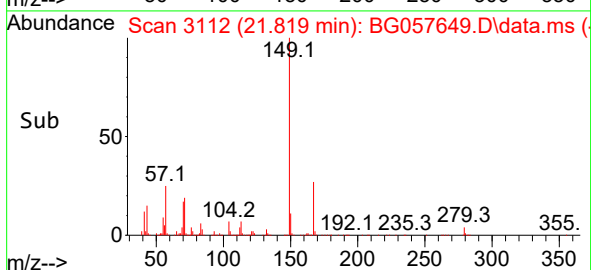
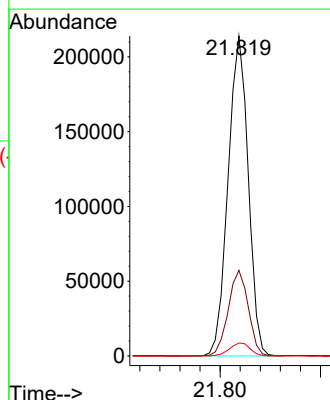
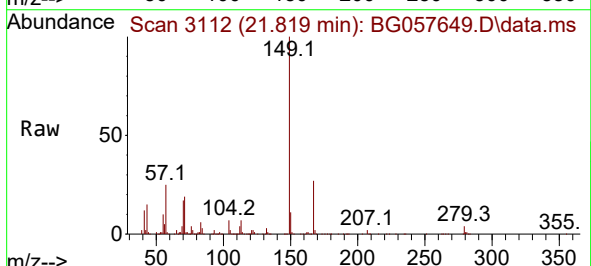
Tgt Ion:149 Resp: 297493

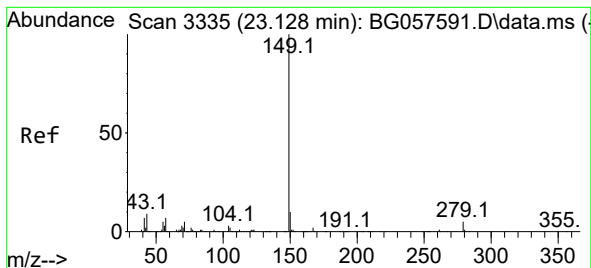
Ion Ratio Lower Upper

149 100

167 26.8 20.6 31.0

279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 51.102 ng

RT: 23.105 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

Instrument :

BNA_G

ClientSampleId :

TP16-0AMS

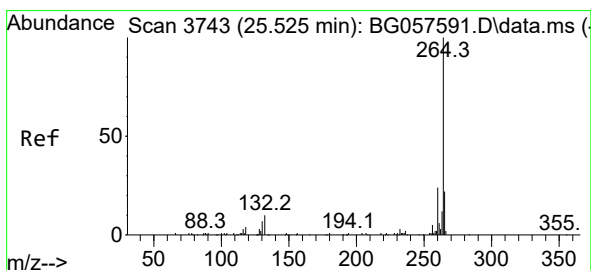
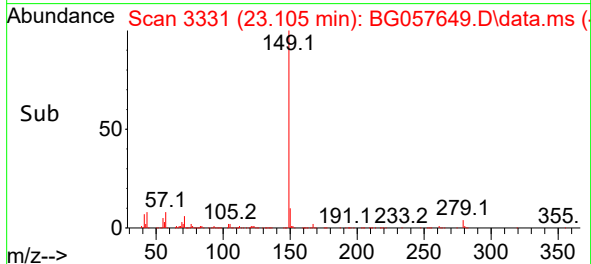
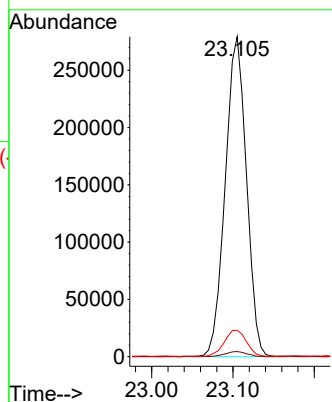
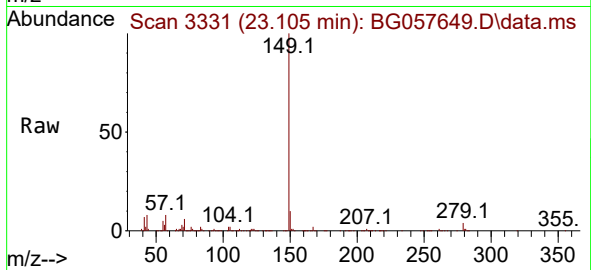
Tgt Ion:149 Resp: 506033

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.4 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.490 min Scan# 3737

Delta R.T. -0.009 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

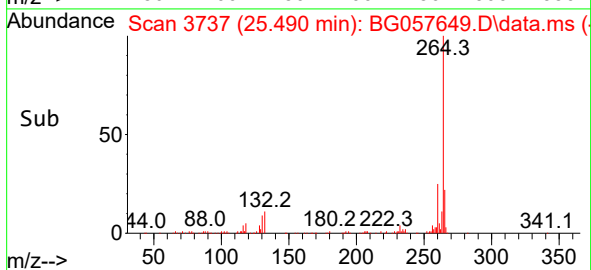
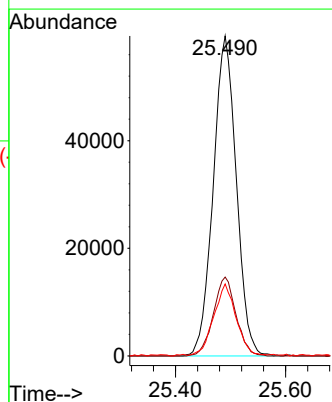
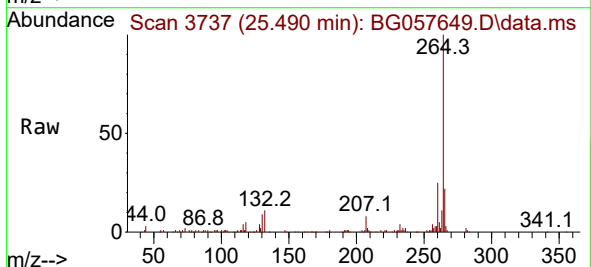
Tgt Ion:264 Resp: 173145

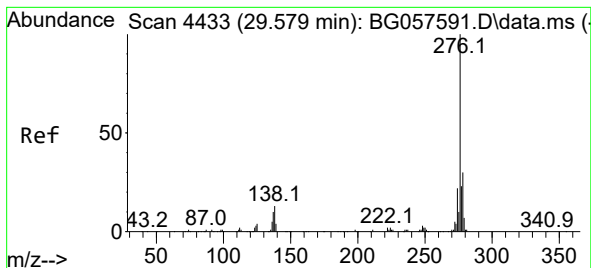
Ion Ratio Lower Upper

264 100

260 24.7 19.1 28.7

265 22.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.811 ng

RT: 29.538 min Scan# 44

Delta R.T. -0.014 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

Instrument :

BNA_G

ClientSampleId :

TP16-0AMS

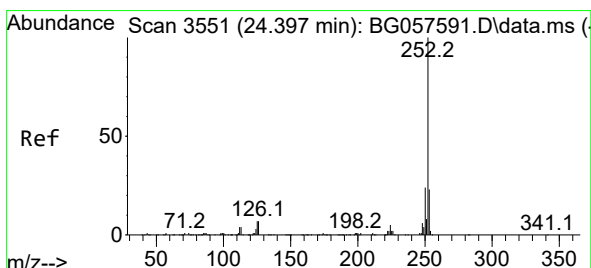
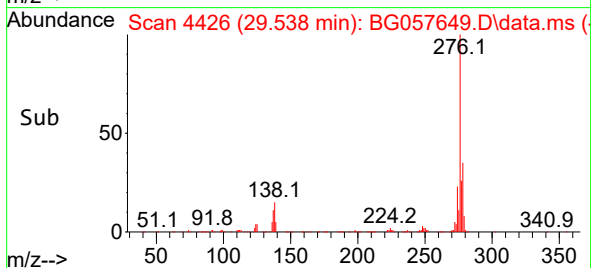
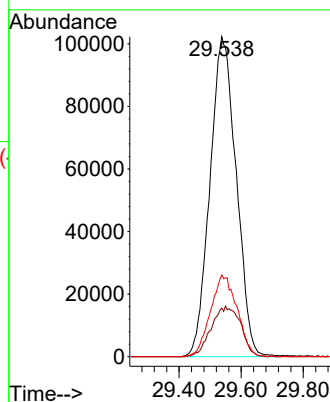
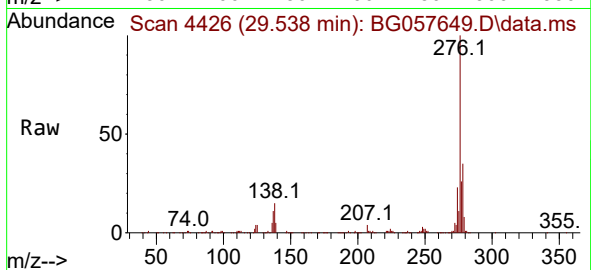
Tgt Ion:276 Resp: 601303

Ion Ratio Lower Upper

276 100

138 8.0 12.3 18.5#

277 25.9 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 50.820 ng

RT: 24.374 min Scan# 3547

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

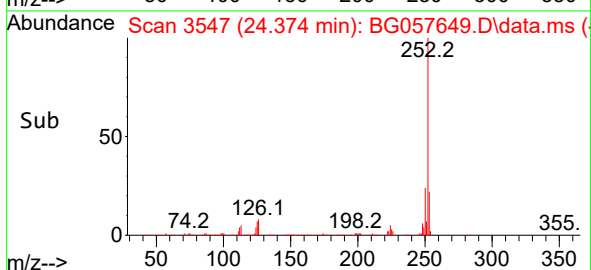
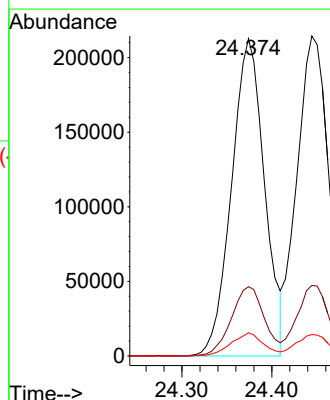
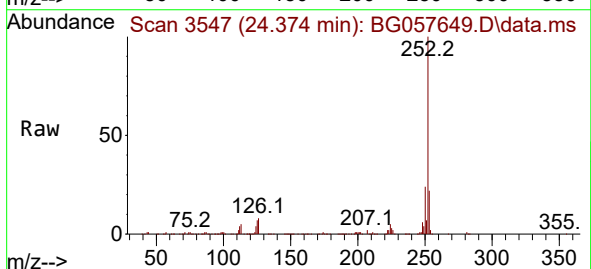
Tgt Ion:252 Resp: 541619

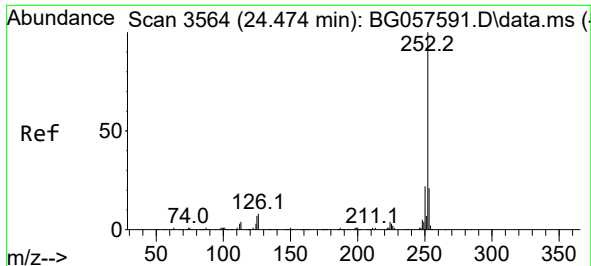
Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

125 7.3 5.2 7.8

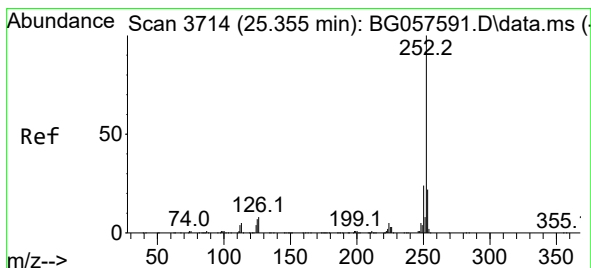
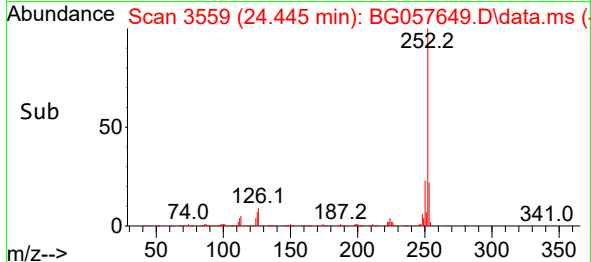
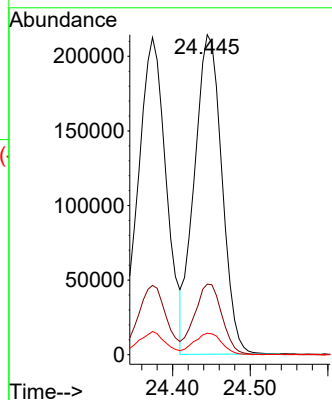
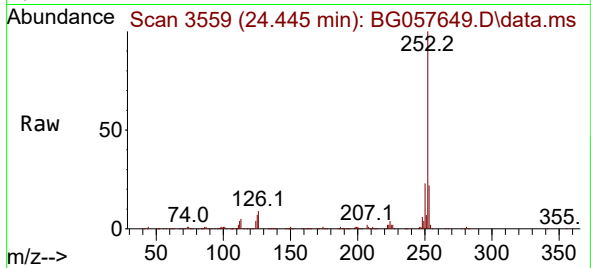




#89
Benzo(k)fluoranthene
Concen: 49.106 ng
RT: 24.445 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

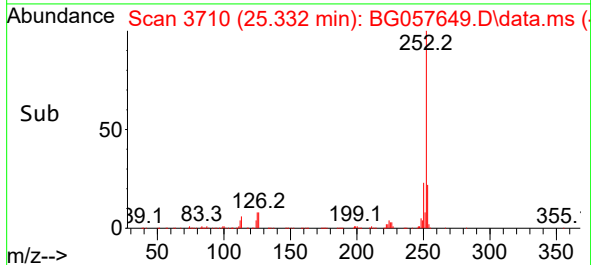
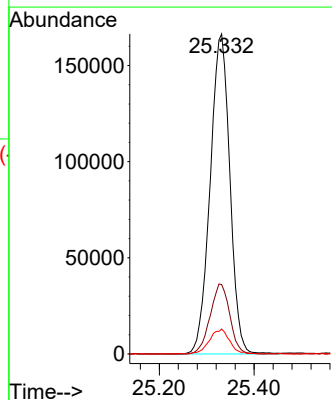
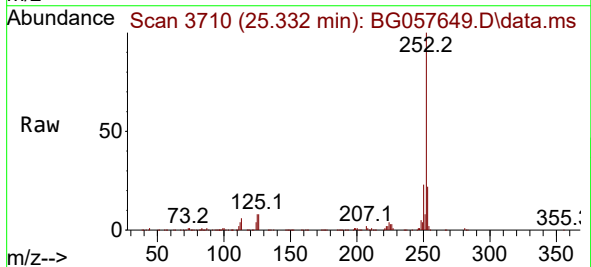
Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

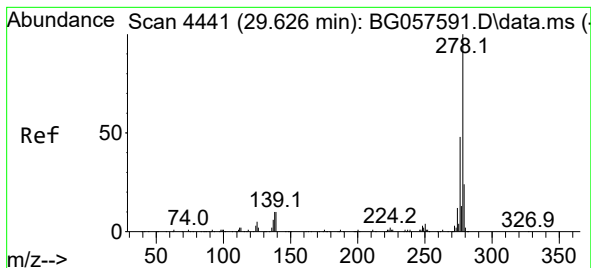
Tgt Ion:252 Resp: 528175
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 6.7 5.1 7.7



#90
Benzo(a)pyrene
Concen: 46.194 ng
RT: 25.332 min Scan# 3710
Delta R.T. 0.003 min
Lab File: BG057649.D
Acq: 6 Jun 2023 23:04

Tgt Ion:252 Resp: 480114
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 7.8 5.3 7.9





#91

Dibenzo(a,h)anthracene

Concen: 50.055 ng

RT: 29.590 min Scan# 4435

Delta R.T. -0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

Instrument :

BNA_G

ClientSampleId :

TP16-0AMS

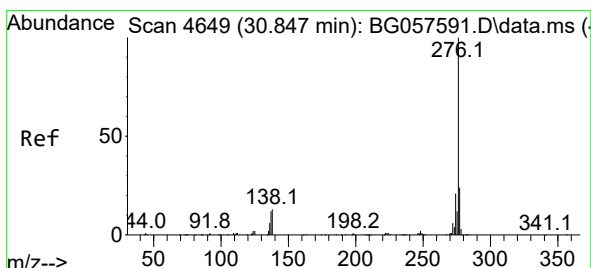
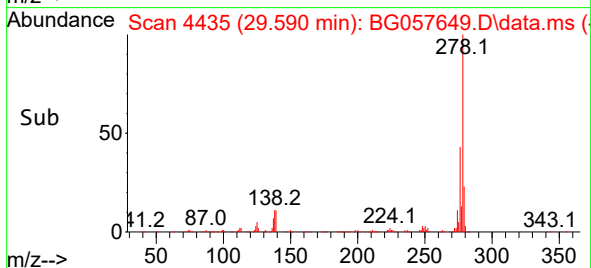
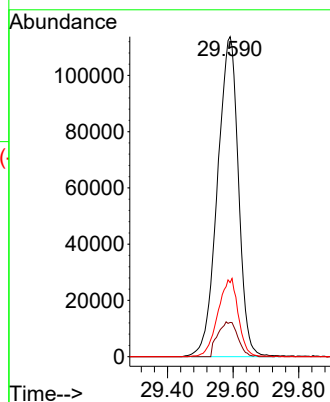
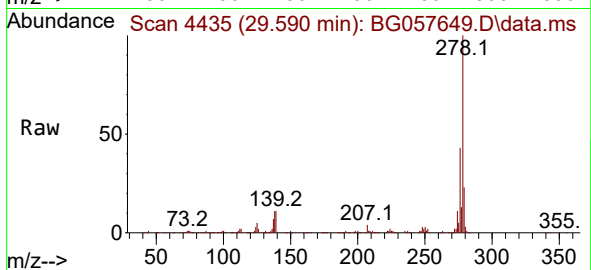
Tgt Ion:278 Resp: 502883

Ion Ratio Lower Upper

278 100

139 10.7 7.8 11.8

279 23.1 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 49.752 ng

RT: 30.812 min Scan# 4643

Delta R.T. 0.003 min

Lab File: BG057649.D

Acq: 6 Jun 2023 23:04

Tgt Ion:276 Resp: 487480

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 14.1 10.2 15.4

