

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059853.D
 Acq On : 23 Nov 2023 15:21
 Operator : MA/JU
 Sample : 05485-01MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5MS

Quant Time: Nov 24 00:20:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	41370	20.000	ng	0.00
21) Naphthalene-d8	11.181	136	184612	20.000	ng	-0.01
39) Acenaphthene-d10	14.965	164	123806	20.000	ng	# 0.00
64) Phenanthrene-d10	17.715	188	240598	20.000	ng	# 0.00
76) Chrysene-d12	22.051	240	180882	20.000	ng	0.00
86) Perylene-d12	25.641	264	211949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	174995	71.197	ng	0.00
7) Phenol-d6	7.462	99	252771	69.397	ng	0.00
23) Nitrobenzene-d5	9.536	82	307993	63.717	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	150637	107.235	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	660710	71.834	ng	0.00
79) Terphenyl-d14	20.288	244	848818	69.275	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.661	88	17740	15.367	ng	# 83
3) Pyridine	4.078	79	52348	16.602	ng	# 90
4) n-Nitrosodimethylamine	4.008	42	41501	24.741	ng	# 58
6) Aniline	7.662	93	34289	7.133	ng	98
8) 2-Chlorophenol	7.885	128	123621	46.361	ng	91
9) Benzaldehyde	7.480	77	19412	7.884	ng	88
10) Phenol	7.486	94	134719	35.887	ng	98
11) bis(2-Chloroethyl)ether	7.750	93	92234	39.469	ng	94
12) 1,3-Dichlorobenzene	8.214	146	134800	45.512	ng	95
13) 1,4-Dichlorobenzene	8.373	146	131658	44.265	ng	96
14) 1,2-Dichlorobenzene	8.690	146	139311	47.144	ng	94
15) Benzyl Alcohol	8.579	79	166804	40.159	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.849	45	36115	42.005	ng	# 72
17) 2-Methylphenol	8.767	107	121623	43.986	ng	# 86
18) Hexachloroethane	9.419	117	61970	49.089	ng	98
19) n-Nitroso-di-n-propyla...	9.143	70	116575	40.642	ng	# 96
20) 3+4-Methylphenols	9.096	107	167504	43.637	ng	94
22) Acetophenone	9.178	105	242754	46.446	ng	96
24) Nitrobenzene	9.583	77	197243	44.306	ng	97
25) Isophorone	10.083	82	326829	40.274	ng	96
26) 2-Nitrophenol	10.294	139	73554	45.066	ng	89
27) 2,4-Dimethylphenol	10.312	122	125751	37.894	ng	85
28) bis(2-Chloroethoxy)met...	10.570	93	133804	43.877	ng	99
29) 2,4-Dichlorophenol	10.817	162	142318	50.231	ng	91
30) 1,2,4-Trichlorobenzene	11.029	180	151136	52.782	ng	# 93
31) Naphthalene	11.234	128	449021	48.370	ng	# 96
32) Benzoic acid	10.441	122	96088	42.546	ng	84
33) 4-Chloroaniline	11.346	127	32374	8.199	ng	# 94
34) Hexachlorobutadiene	11.458	225	103785	53.256	ng	100
35) Caprolactam	12.186	113	9920	9.580	ng	93
36) 4-Chloro-3-methylphenol	12.427	107	199570	52.964	ng	# 93
37) 2-Methylnaphthalene	12.815	142	358880	45.901	ng	90
38) 1-Methylnaphthalene	12.815	142	358880	49.774	ng	94
40) 1,2,4,5-Tetrachloroben...	13.156	216	185688	55.536	ng	97
41) Hexachlorocyclopentadiene	13.109	237	76281	36.370	ng	96
43) 2,4,6-Trichlorophenol	13.397	196	132444	56.963	ng	95

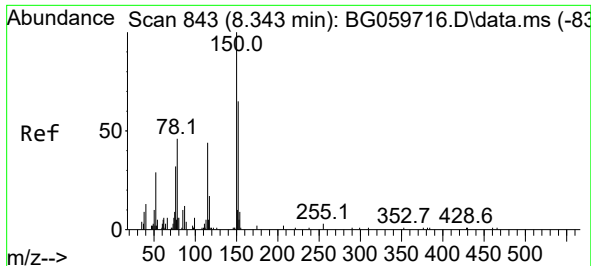
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	132258	48.411	ng	95
46) 1,1'-Biphenyl	13.802	154	506674	52.139	ng	98
47) 2-Chloronaphthalene	13.861	162	362410	54.275	ng	96
48) 2-Nitroaniline	14.072	65	123054	51.617	ng	94
49) Acenaphthylene	14.701	152	588953	51.729	ng	96
50) Dimethylphthalate	14.407	163	450367	46.941	ng	99
51) 2,6-Dinitrotoluene	14.554	165	85021	46.712	ng	91
52) Acenaphthene	15.030	154	335259	48.963	ng	95
53) 3-Nitroaniline	14.895	138	49537	23.252	ng #	88
54) 2,4-Dinitrophenol	15.089	184	40025	29.593	ng #	63
55) Dibenzofuran	15.365	168	554207	49.091	ng	94
56) 4-Nitrophenol	15.171	139	145005	88.963	ng #	90
57) 2,4-Dinitrotoluene	15.330	165	128197	45.800	ng #	92
58) Fluorene	16.011	166	448037	47.769	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.570	232	119538	49.776	ng	98
60) Diethylphthalate	15.747	149	475114	46.173	ng	99
61) 4-Chlorophenyl-phenyle...	15.993	204	233028	48.270	ng	88
62) 4-Nitroaniline	16.052	138	77056	36.089	ng #	88
63) Azobenzene	16.287	77	501178	43.829	ng	93
65) 4,6-Dinitro-2-methylph...	16.076	198	35322	24.023	ng	91
66) n-Nitrosodiphenylamine	16.211	169	383752	54.601	ng	95
67) 4-Bromophenyl-phenylether	16.887	248	144244	55.806	ng	99
68) Hexachlorobenzene	16.986	284	150393	62.341	ng	92
69) Atrazine	17.145	200	164551	73.024	ng	95
70) Pentachlorophenol	17.339	266	183911	99.925	ng	94
71) Phenanthrene	17.762	178	646354	52.839	ng	97
72) Anthracene	17.850	178	652838	51.365	ng	100
73) Carbazole	18.132	167	553826	49.878	ng	97
74) Di-n-butylphthalate	18.626	149	657787	49.010	ng	99
75) Fluoranthene	19.754	202	704414	48.018	ng	99
77) Benzidine	19.942	184	123110	30.015	ng	96
78) Pyrene	20.118	202	712684	57.908	ng	98
80) Butylbenzylphthalate	20.970	149	245270	48.602	ng	92
81) Benzo(a)anthracene	22.028	228	665535	53.775	ng	95
82) 3,3'-Dichlorobenzidine	21.934	252	112344	24.365	ng	93
83) Chrysene	22.104	228	593589	52.320	ng	97
84) Bis(2-ethylhexyl)phtha...	21.845	149	351426	49.815	ng #	96
85) Di-n-octyl phthalate	23.185	149	613754	45.193	ng #	94
87) Indeno(1,2,3-cd)pyrene	29.824	276	522362	32.571	ng #	73
88) Benzo(b)fluoranthene	24.478	252	673764	57.999	ng	91
89) Benzo(k)fluoranthene	24.554	252	631230	54.963	ng #	96
90) Benzo(a)pyrene	25.471	252	588730	47.486	ng	98
91) Dibenzo(a,h)anthracene	29.901	278	590981	43.556	ng	99
92) Benzo(g,h,i)perylene	31.158	276	452532	35.150	ng #	94

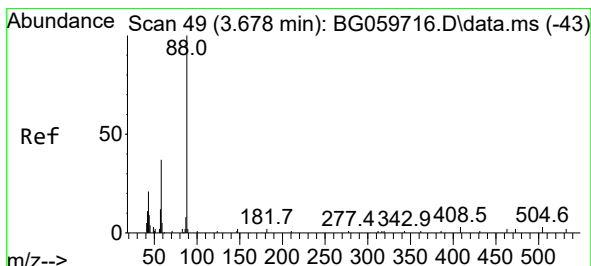
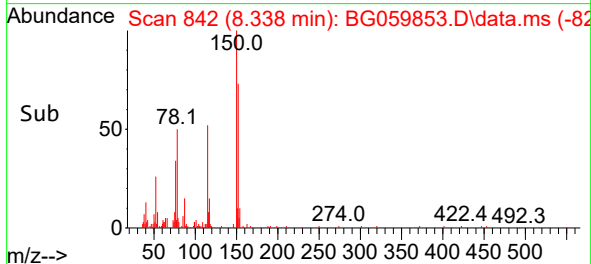
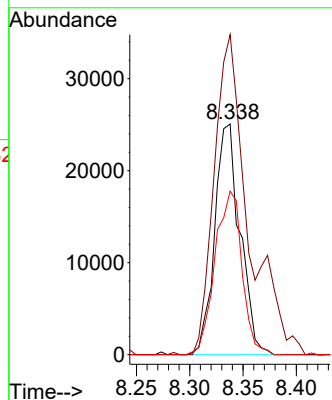
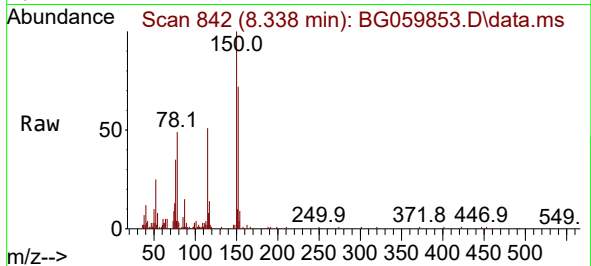
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG059853.D
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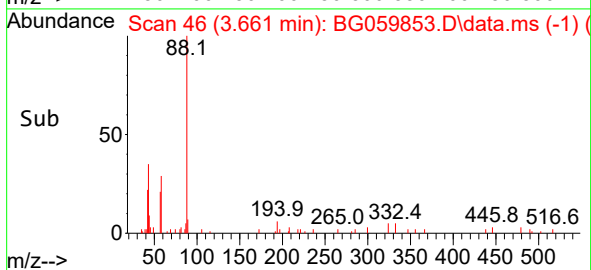
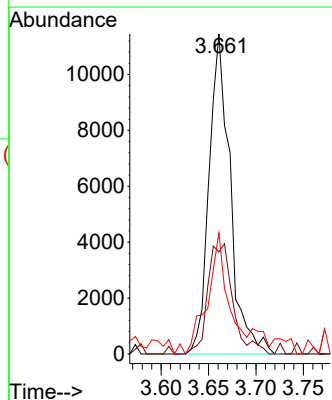
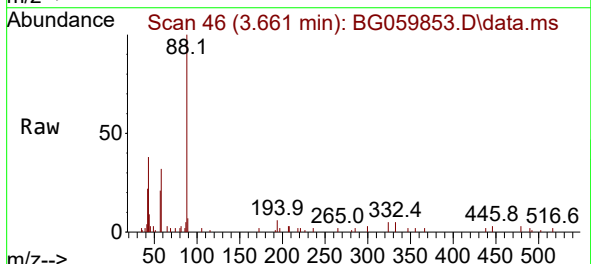
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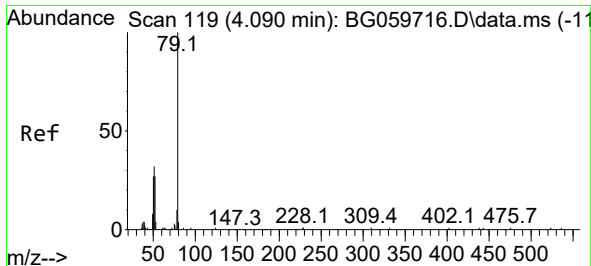
Tgt Ion:152 Resp: 41370
Ion Ratio Lower Upper
152 100
150 138.7 122.2 183.4
115 70.9 54.2 81.4



#2
1,4-Dioxane
Concen: 15.367 ng
RT: 3.661 min Scan# 46
Delta R.T. -0.017 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion: 88 Resp: 17740
Ion Ratio Lower Upper
88 100
58 40.8 28.6 42.8
43 37.0 17.5 26.3#

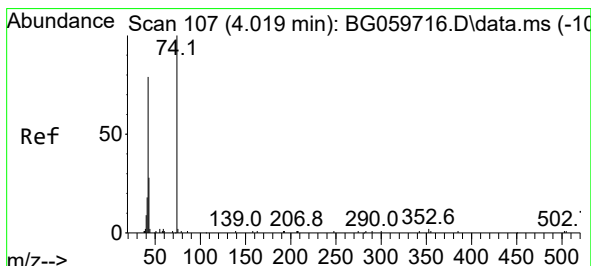
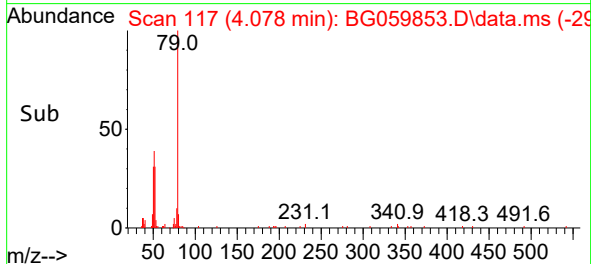
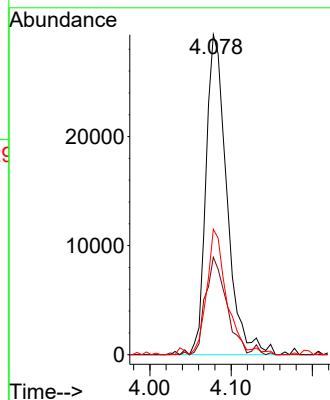
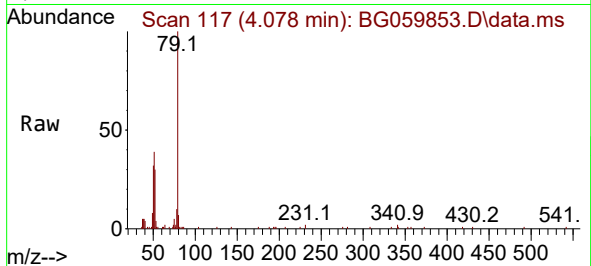




#3
Pyridine
Concen: 16.602 ng
RT: 4.078 min Scan# 119
Delta R.T. -0.011 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

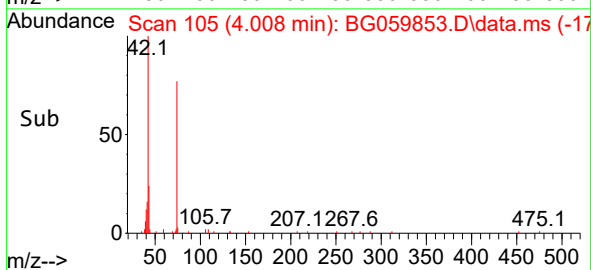
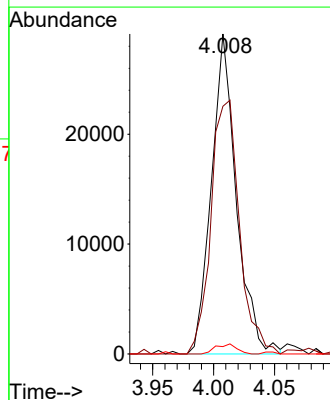
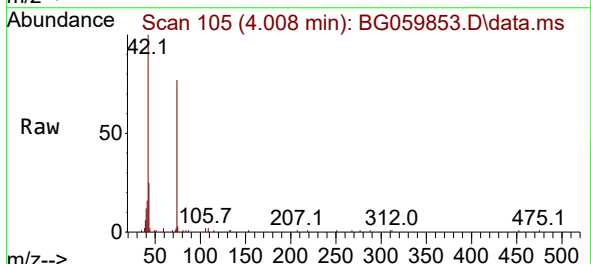
Instrument :
BNA_G
ClientSampleId :
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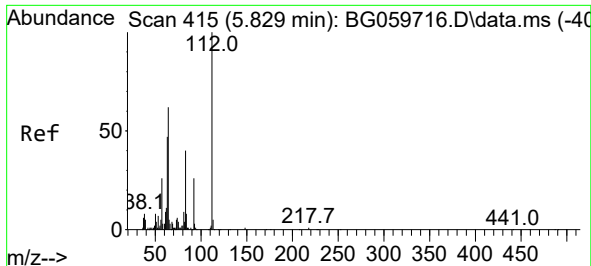
Tgt Ion: 79 Resp: 52348
Ion Ratio Lower Upper
79 100
52 30.4 21.6 32.4
51 39.2 25.3 37.9#



#4
n-Nitrosodimethylamine
Concen: 24.741 ng
RT: 4.008 min Scan# 105
Delta R.T. -0.011 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion: 42 Resp: 41501
Ion Ratio Lower Upper
42 100
74 77.4 101.2 151.8#
44 2.3 2.4 3.6#

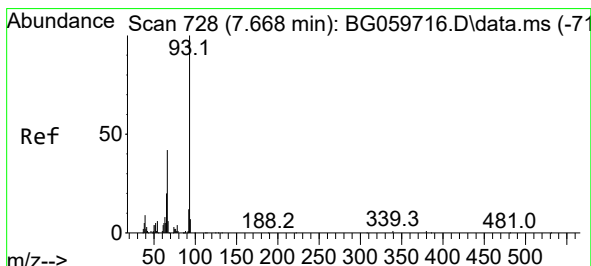
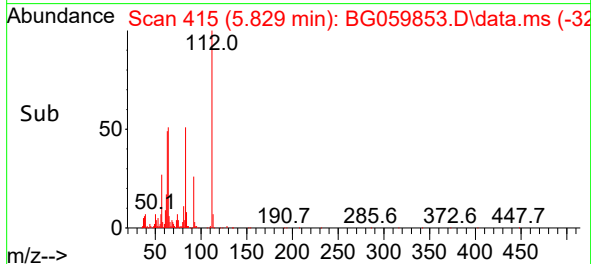
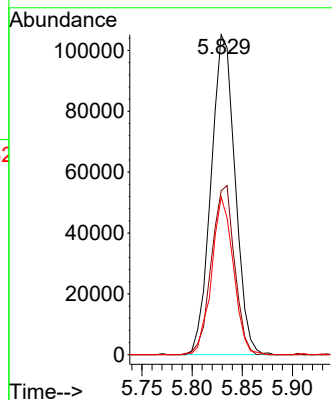
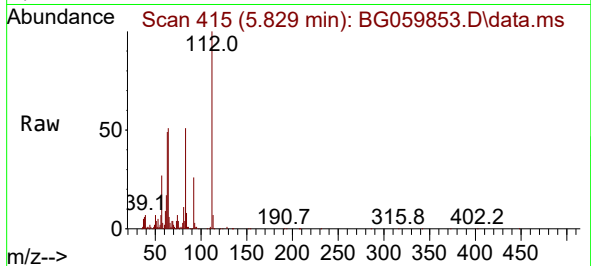




#5
2-Fluorophenol
Concen: 71.197 ng
RT: 5.829 min Scan# 415
Delta R.T. 0.000 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

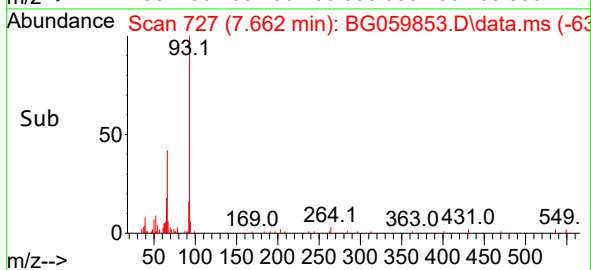
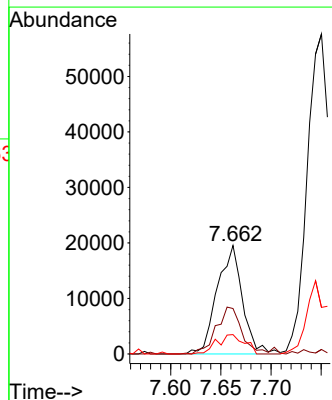
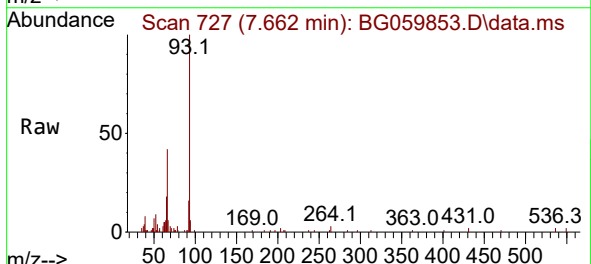
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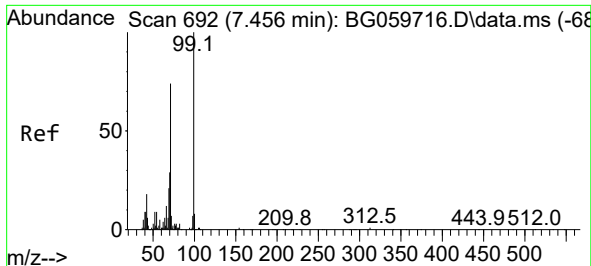
Tgt Ion:112 Resp: 174995
Ion Ratio Lower Upper
112 100
64 51.3 49.5 74.3
63 49.3 37.4 56.2



#6
Aniline
Concen: 7.133 ng
RT: 7.662 min Scan# 727
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion: 93 Resp: 34289
Ion Ratio Lower Upper
93 100
66 41.8 33.9 50.9
65 17.9 15.8 23.8

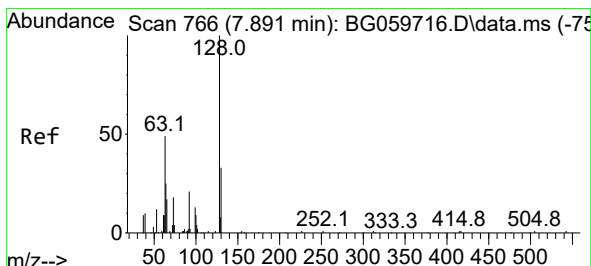
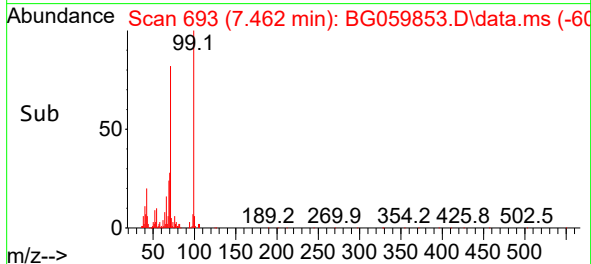
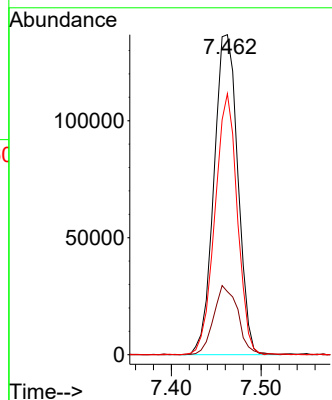
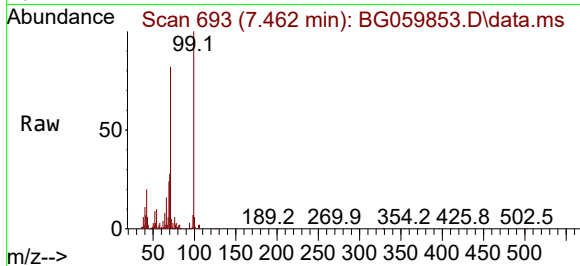




#7
Phenol-d6
Concen: 69.397 ng
RT: 7.462 min Scan# 692
Delta R.T. 0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

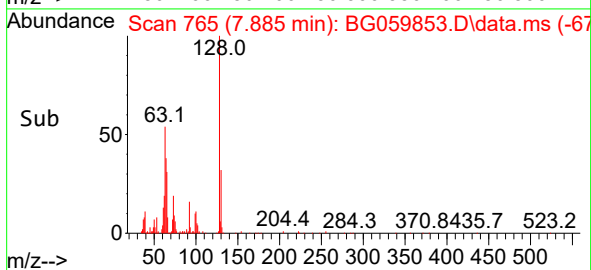
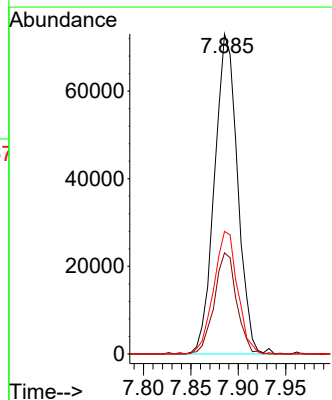
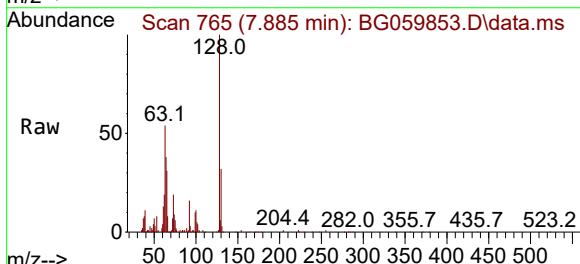
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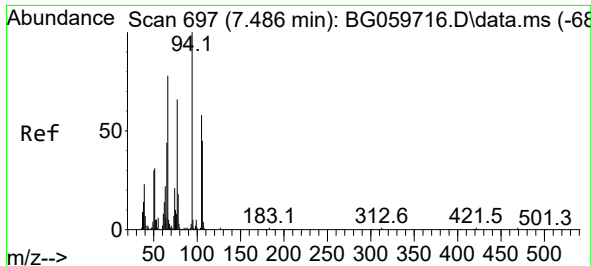
Tgt Ion: 99 Resp: 252771
Ion Ratio Lower Upper
99 100
42 19.7 14.3 21.5
71 81.6 59.3 88.9



#8
2-Chlorophenol
Concen: 46.361 ng
RT: 7.885 min Scan# 765
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:128 Resp: 123621
Ion Ratio Lower Upper
128 100
130 31.6 13.1 53.1
64 38.3 27.0 67.0

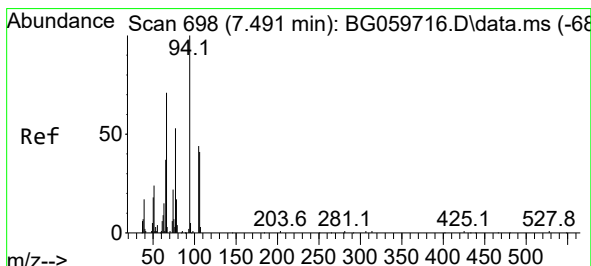
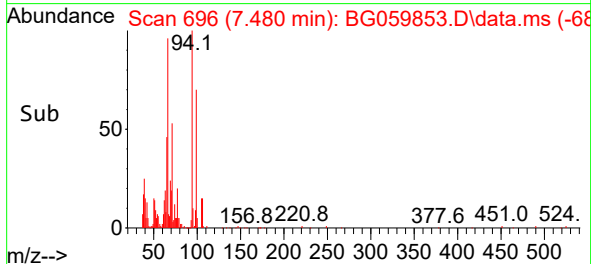
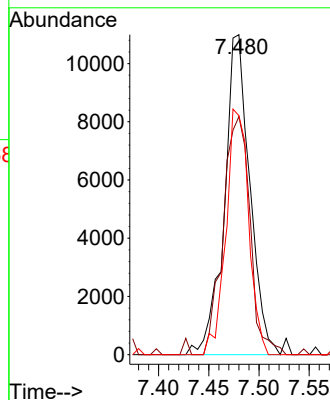
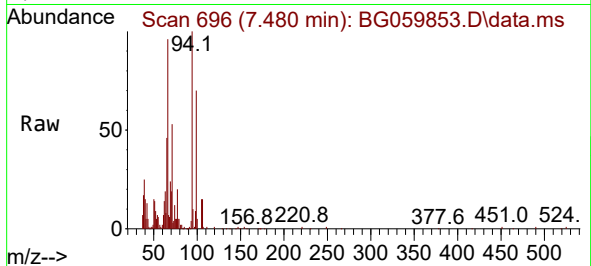




#9
Benzaldehyde
Concen: 7.884 ng
RT: 7.480 min Scan# 696
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

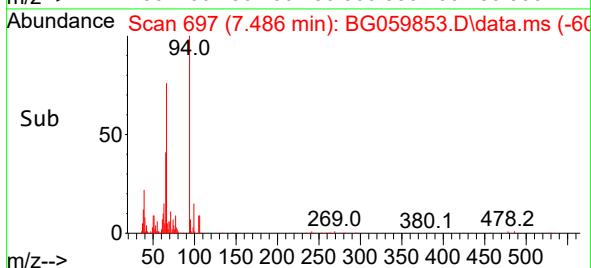
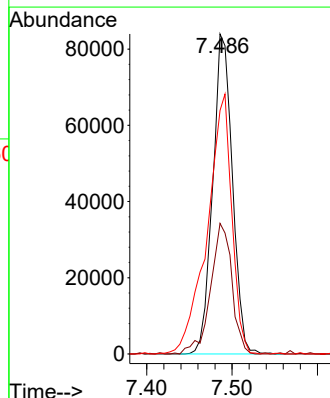
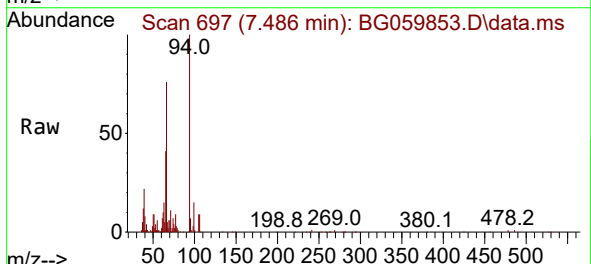
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ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

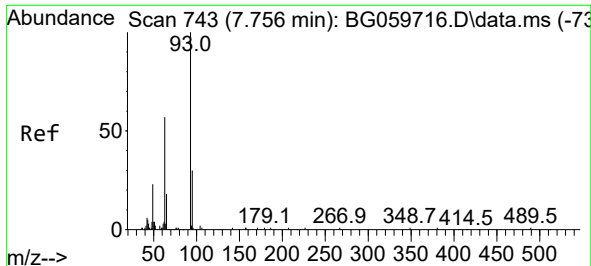
Tgt Ion: 77 Resp: 19412
Ion Ratio Lower Upper
77 100
105 74.4 68.0 108.0
106 74.7 48.1 88.1



#10
Phenol
Concen: 35.887 ng
RT: 7.486 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion: 94 Resp: 134719
Ion Ratio Lower Upper
94 100
65 40.8 18.1 58.1
66 76.1 56.6 96.6

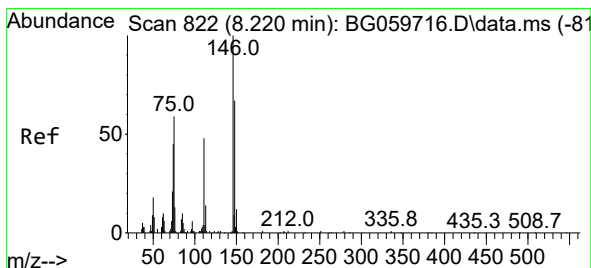
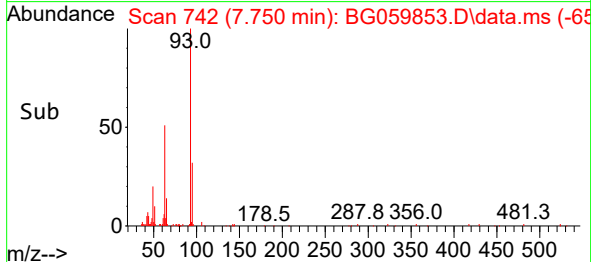
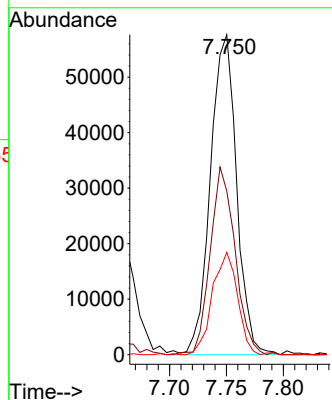
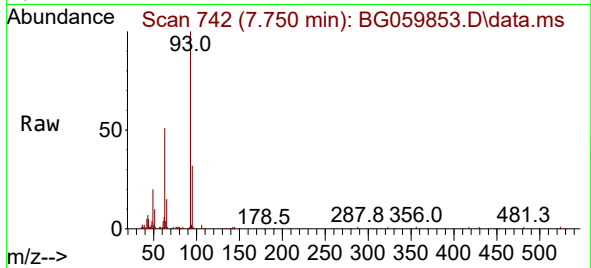




#11
bis(2-Chloroethyl)ether
Concen: 39.469 ng
RT: 7.750 min Scan# 743
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

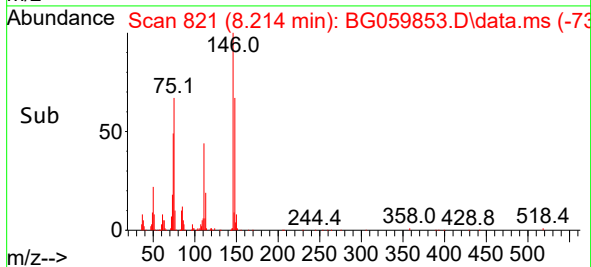
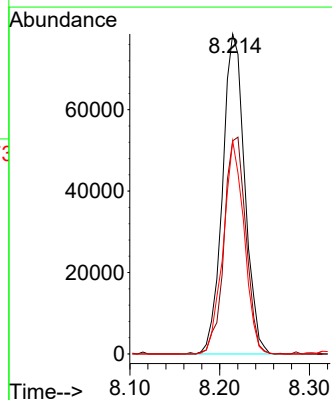
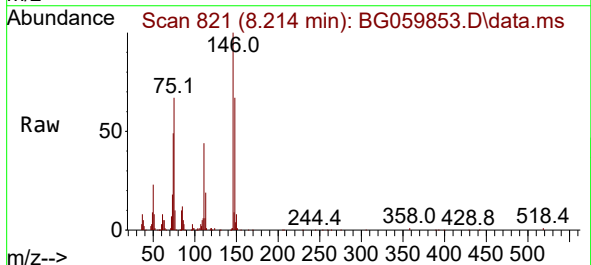
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

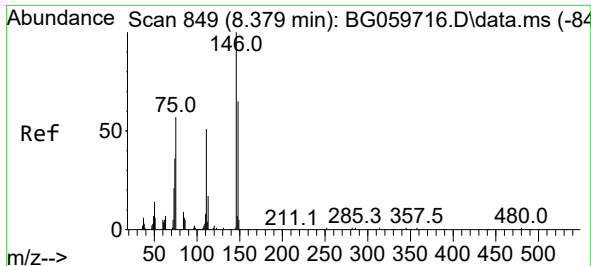
Tgt Ion: 93 Resp: 92234
Ion Ratio Lower Upper
93 100
63 51.2 37.2 77.2
95 31.9 10.2 50.2



#12
1,3-Dichlorobenzene
Concen: 45.512 ng
RT: 8.214 min Scan# 821
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:146 Resp: 134800
Ion Ratio Lower Upper
146 100
148 66.6 53.9 80.9
75 66.6 47.5 71.3

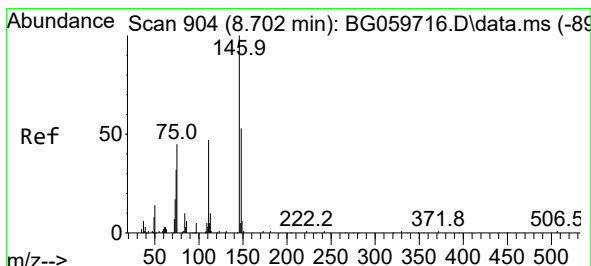
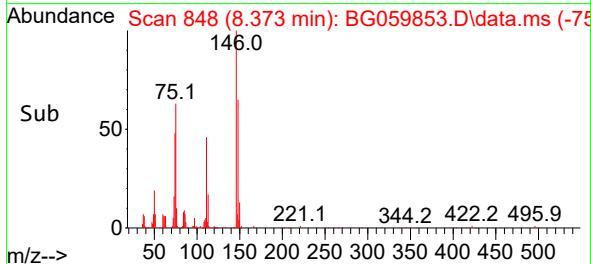
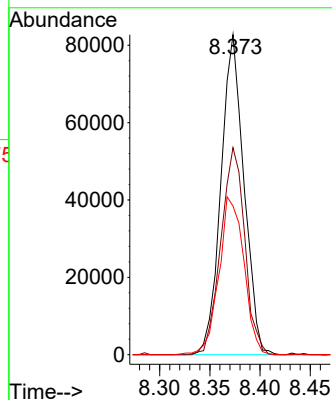
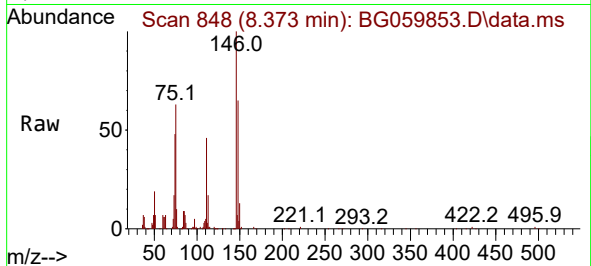




#13
1,4-Dichlorobenzene
Concen: 44.265 ng
RT: 8.373 min Scan# 849
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

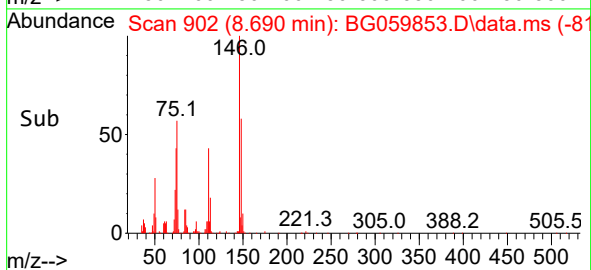
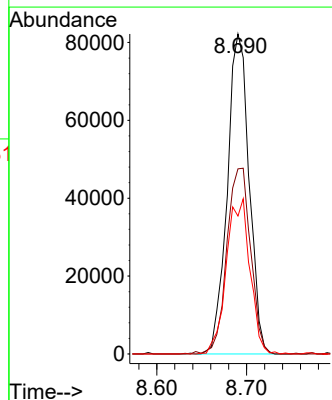
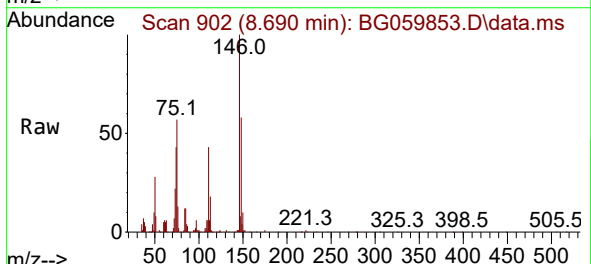
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

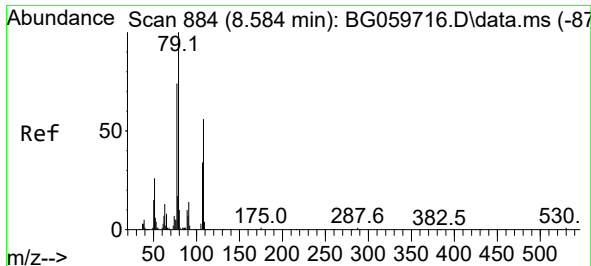
Tgt Ion:146 Resp: 131658
Ion Ratio Lower Upper
146 100
148 64.7 52.3 78.5
111 46.5 41.2 61.8



#14
1,2-Dichlorobenzene
Concen: 47.144 ng
RT: 8.690 min Scan# 902
Delta R.T. -0.011 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:146 Resp: 139311
Ion Ratio Lower Upper
146 100
148 57.9 43.1 64.7
111 43.1 38.3 57.5

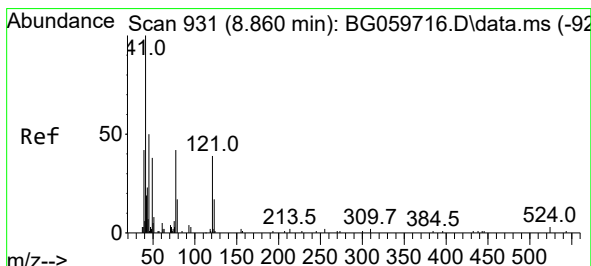
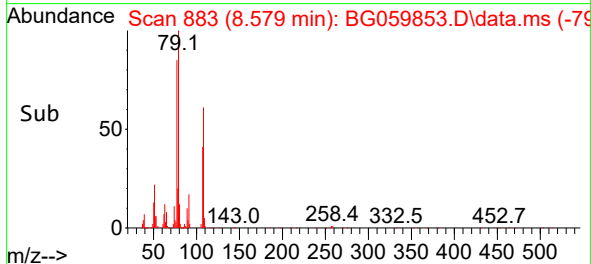
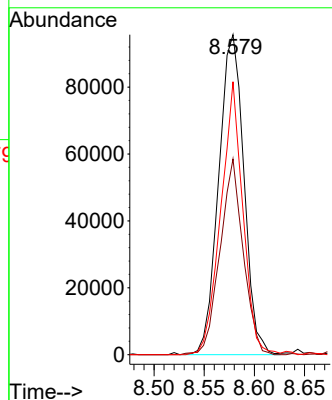
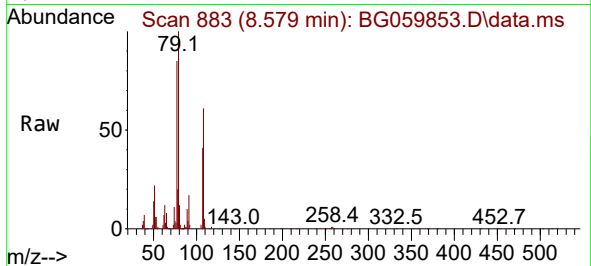




#15
Benzyl Alcohol
Concen: 40.159 ng
RT: 8.579 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

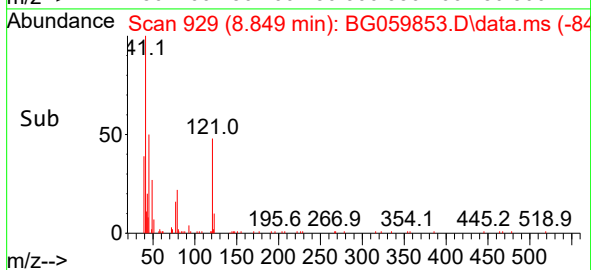
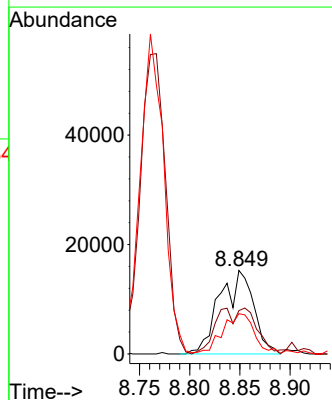
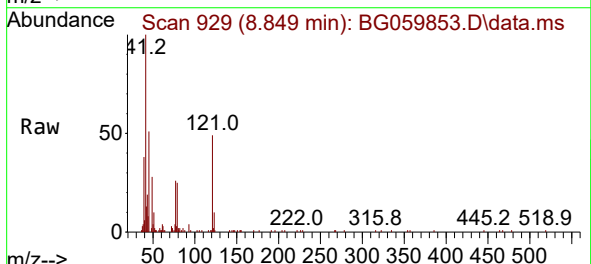
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

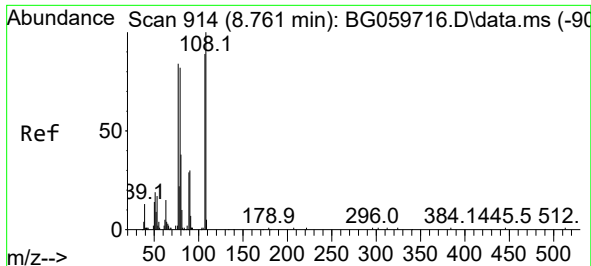
Tgt Ion: 79 Resp: 166804
Ion Ratio Lower Upper
79 100
108 61.1 45.4 68.2
77 85.3 59.4 89.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.005 ng
RT: 8.849 min Scan# 929
Delta R.T. -0.011 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion: 45 Resp: 36115
Ion Ratio Lower Upper
45 100
77 51.9 63.6 103.6#
79 48.2 19.6 59.6

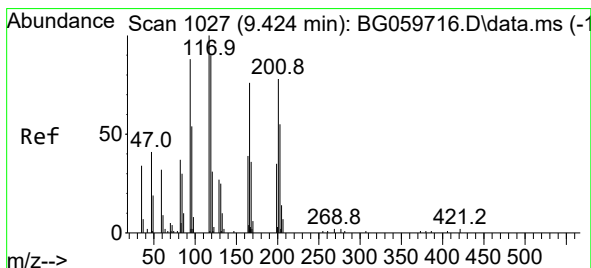
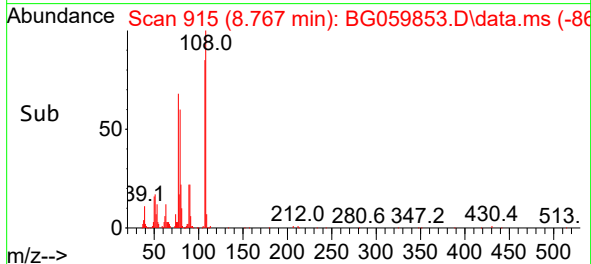
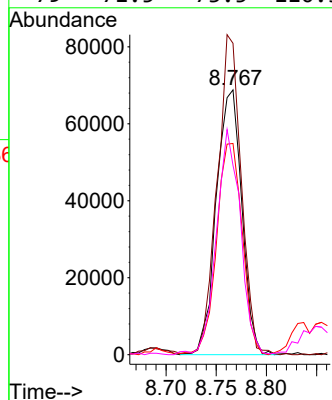
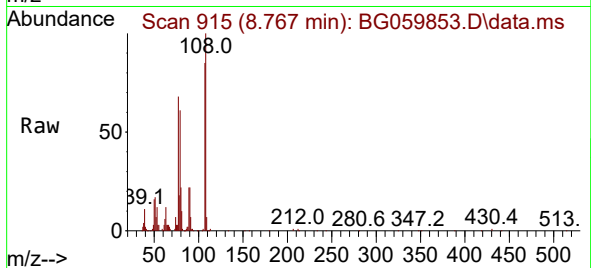




#17
2-Methylphenol
Concen: 43.986 ng
RT: 8.767 min Scan# 914
Delta R.T. 0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

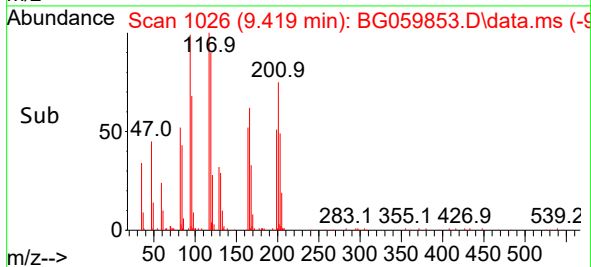
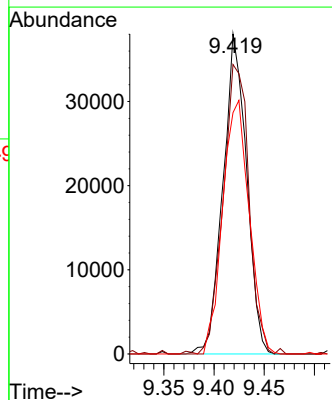
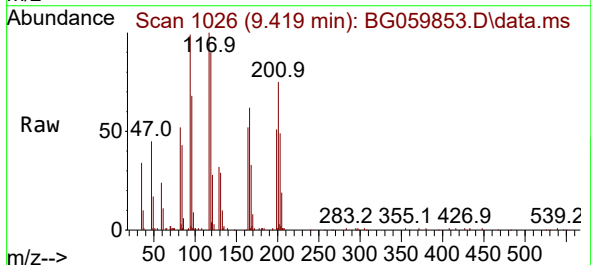
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

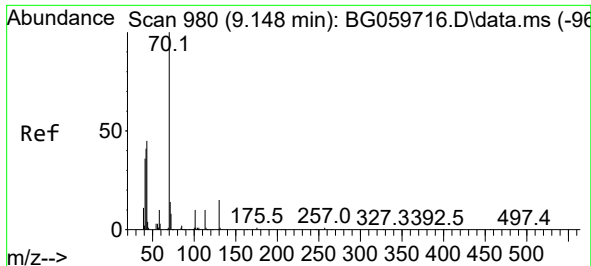
Tgt Ion:107 Resp: 121623
Ion Ratio Lower Upper
107 100
108 117.6 90.0 135.0
77 79.8 76.5 114.7
79 71.5 73.5 110.3#



#18
Hexachloroethane
Concen: 49.089 ng
RT: 9.419 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:117 Resp: 61970
Ion Ratio Lower Upper
117 100
119 90.5 71.8 107.8
201 75.4 62.2 93.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.642 ng

RT: 9.143 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

Tgt Ion: 70 Resp: 116575

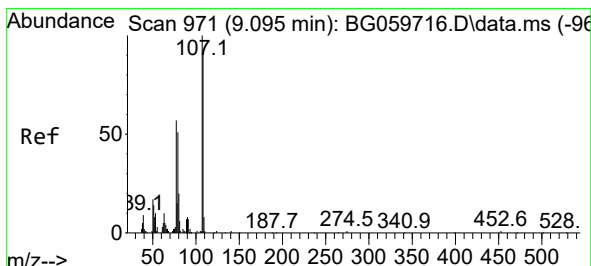
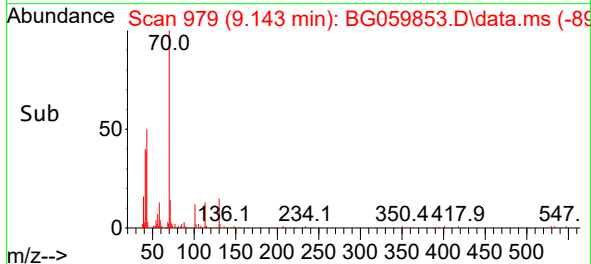
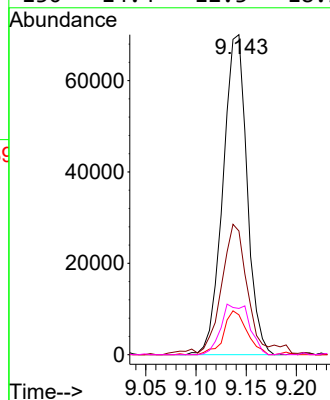
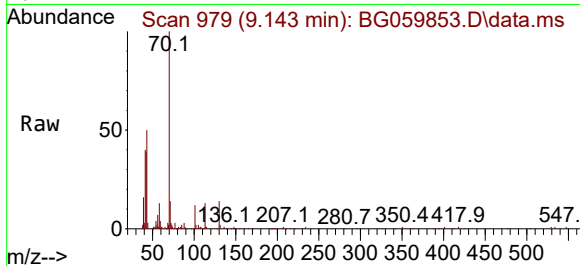
Ion Ratio Lower Upper

70 100

42 38.7 32.8 49.2

101 12.4 7.7 11.5#

130 14.4 12.3 18.5



#20

3+4-Methylphenols

Concen: 43.637 ng

RT: 9.096 min Scan# 971

Delta R.T. 0.000 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Tgt Ion: 107 Resp: 167504

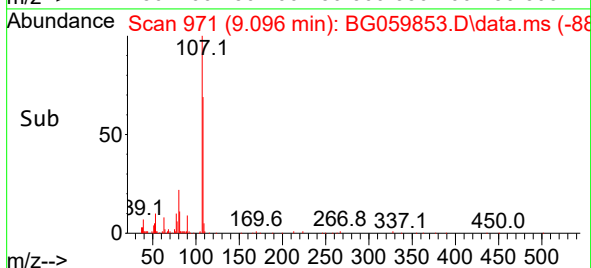
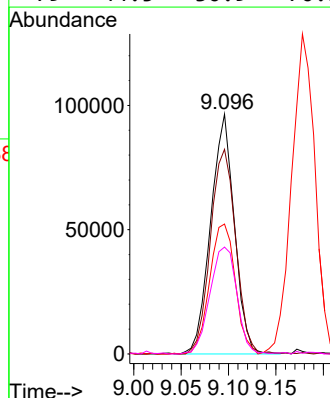
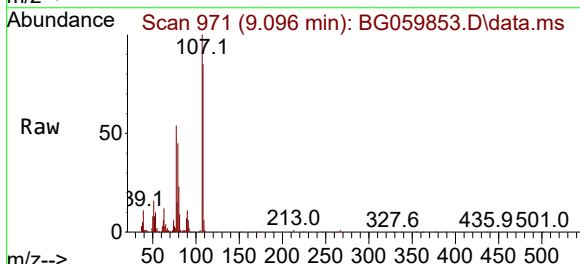
Ion Ratio Lower Upper

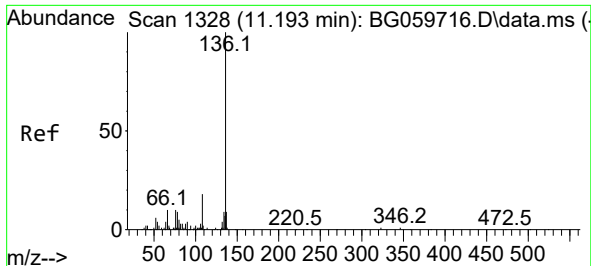
107 100

108 85.3 71.1 111.1

77 54.2 37.5 77.5

79 44.5 30.9 70.9

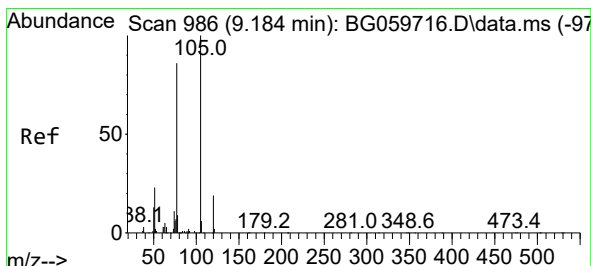
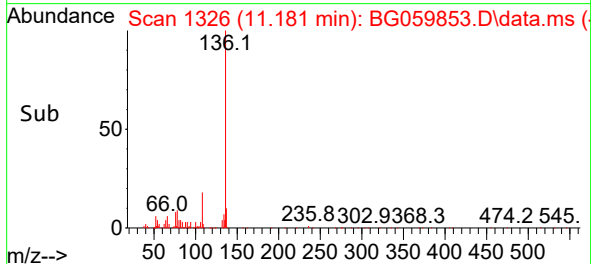
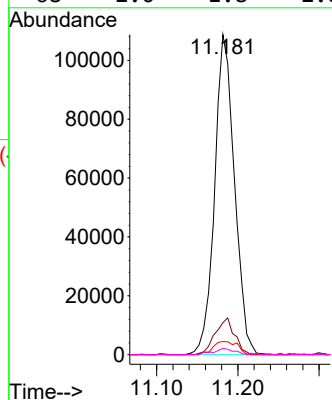
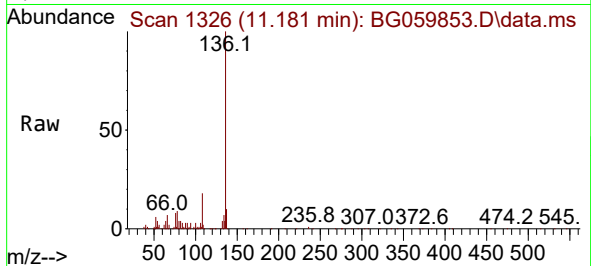




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.181 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

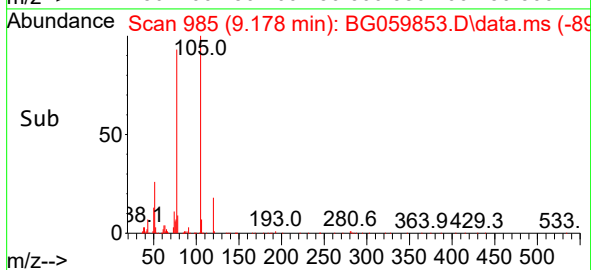
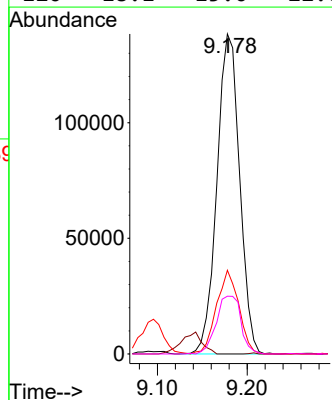
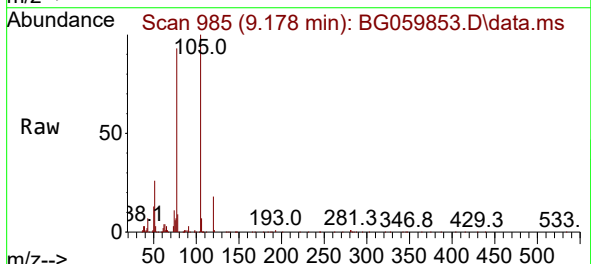
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

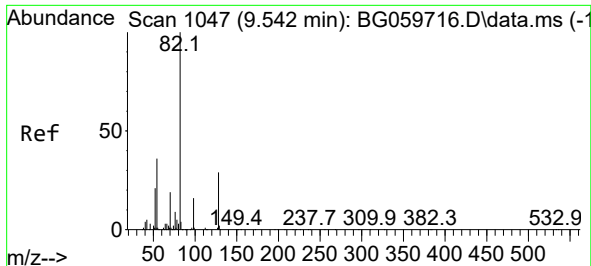
Tgt Ion:136 Resp: 184612
Ion Ratio Lower Upper
136 100
137 10.0 7.4 11.0
54 4.1 3.1 4.7
68 2.0 1.8 2.8



#22
Acetophenone
Concen: 46.446 ng
RT: 9.178 min Scan# 985
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:105 Resp: 242754
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 26.1 18.4 27.6
120 18.1 15.0 22.6

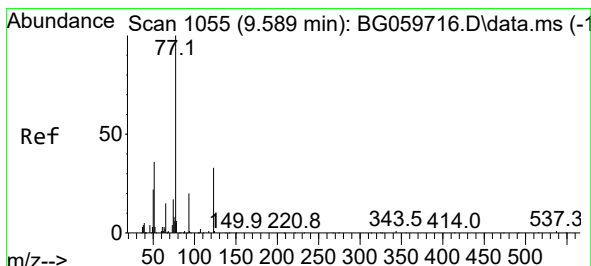
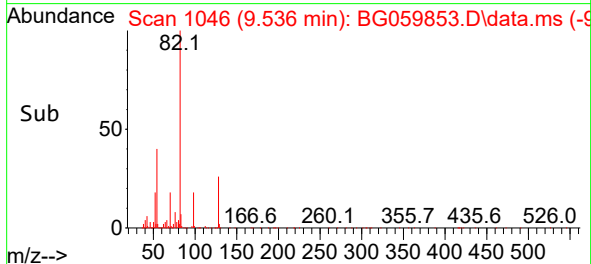
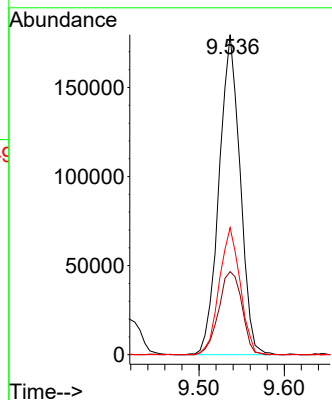
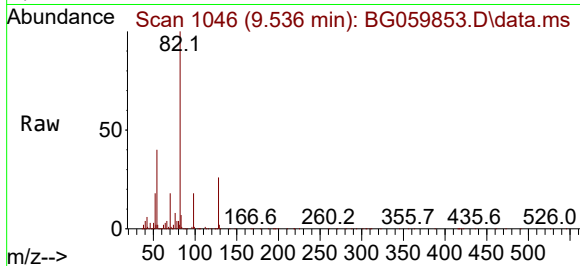




#23
Nitrobenzene-d5
Concen: 63.717 ng
RT: 9.536 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

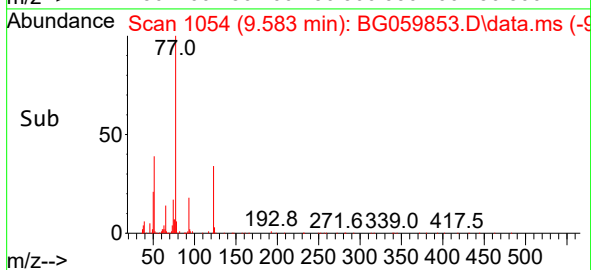
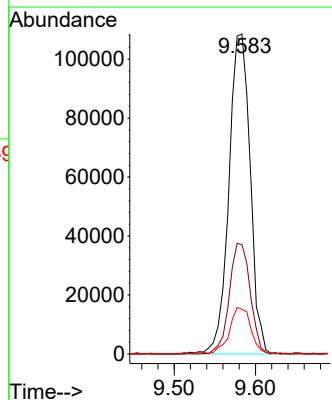
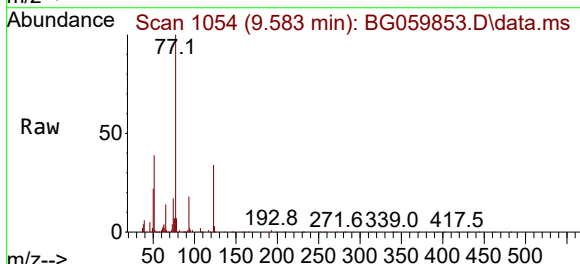
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

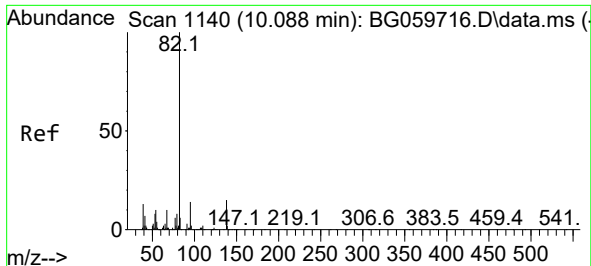
Tgt Ion: 82 Resp: 307993
Ion Ratio Lower Upper
82 100
128 25.9 23.0 34.6
54 39.7 28.7 43.1



#24
Nitrobenzene
Concen: 44.306 ng
RT: 9.583 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion: 77 Resp: 197243
Ion Ratio Lower Upper
77 100
123 34.1 26.1 39.1
65 14.0 12.1 18.1

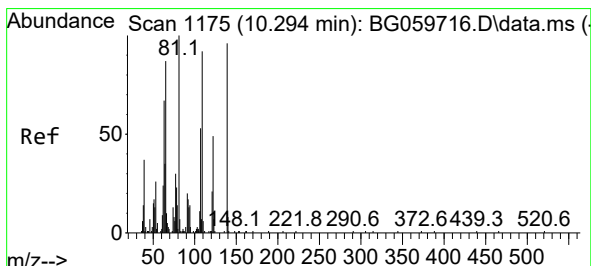
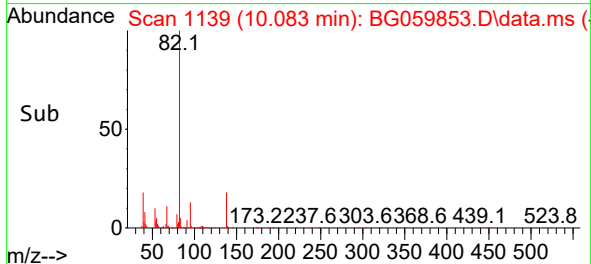
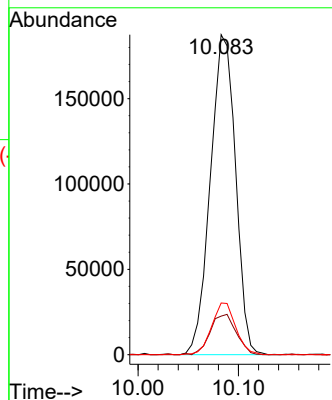
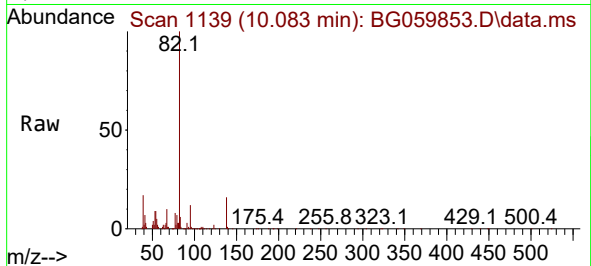




#25
Isophorone
Concen: 40.274 ng
RT: 10.083 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

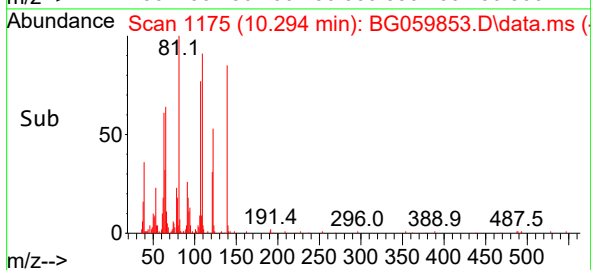
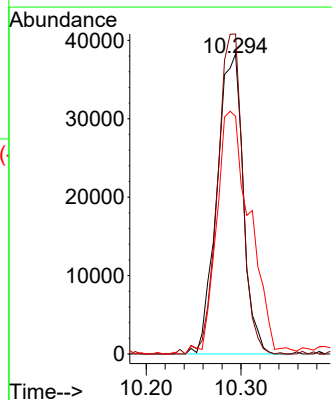
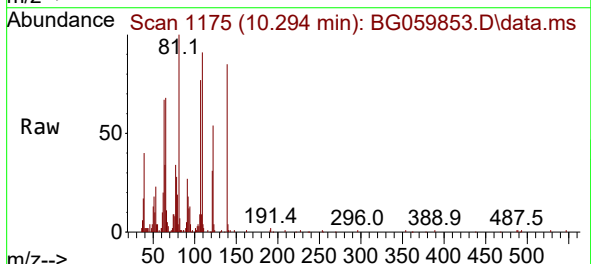
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

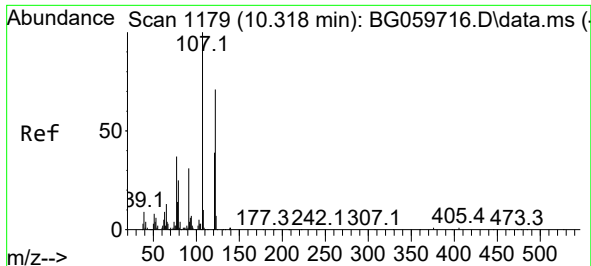
Tgt Ion: 82 Resp: 326829
Ion Ratio Lower Upper
82 100
95 12.0 11.4 17.0
138 16.1 12.1 18.1



#26
2-Nitrophenol
Concen: 45.066 ng
RT: 10.294 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:139 Resp: 73554
Ion Ratio Lower Upper
139 100
109 106.7 76.7 115.1
65 79.3 72.1 108.1

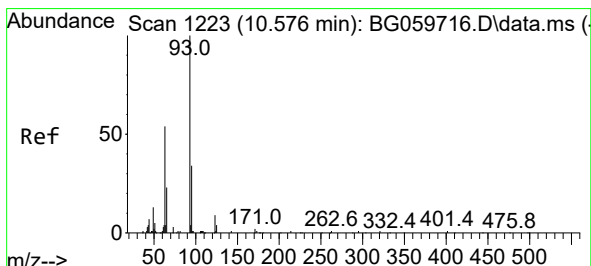
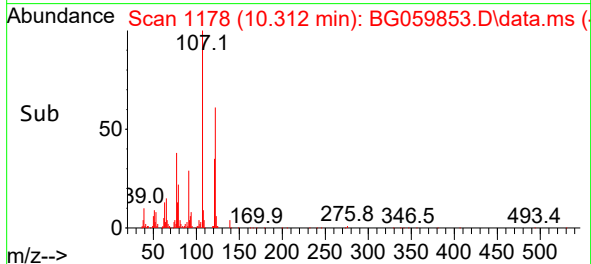
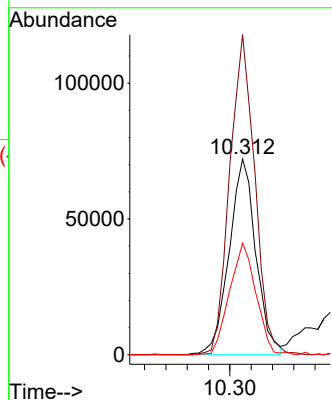
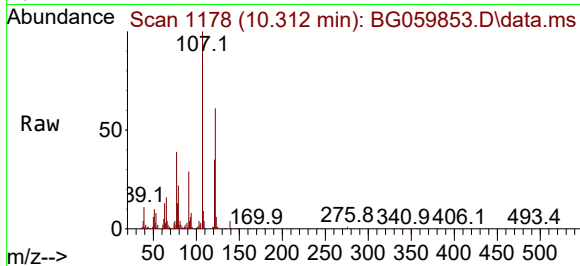




#27
2,4-Dimethylphenol
Concen: 37.894 ng
RT: 10.312 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

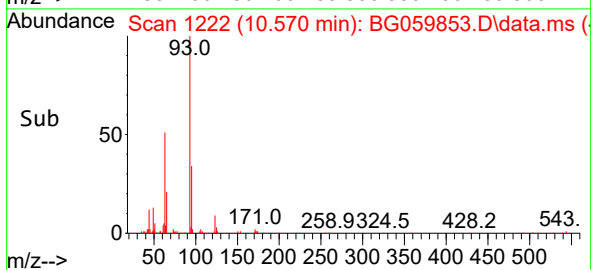
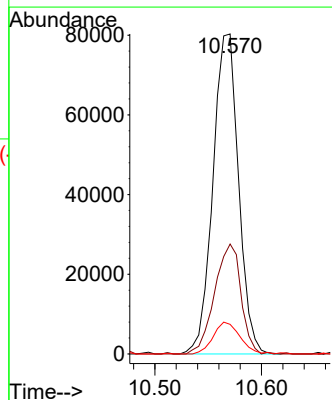
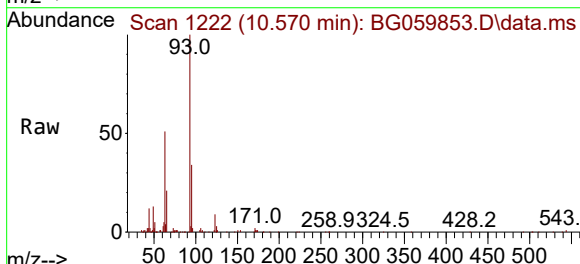
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

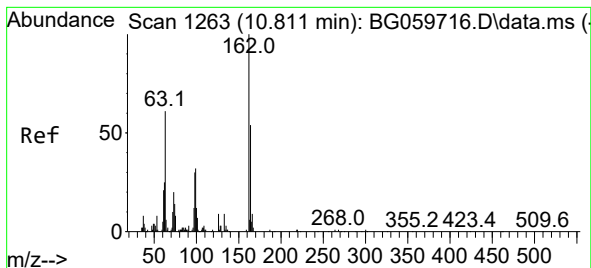
Tgt Ion:122 Resp: 125751
Ion Ratio Lower Upper
122 100
107 163.5 112.1 168.1
121 57.0 43.2 64.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.877 ng
RT: 10.570 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion: 93 Resp: 133804
Ion Ratio Lower Upper
93 100
95 34.3 27.0 40.6
123 9.2 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 50.231 ng

RT: 10.817 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

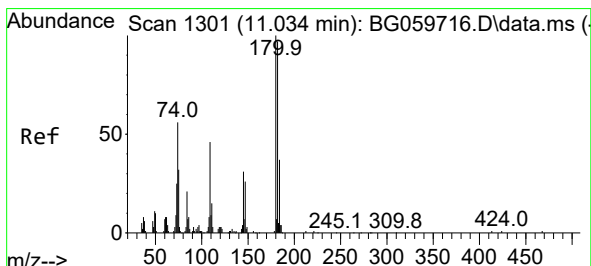
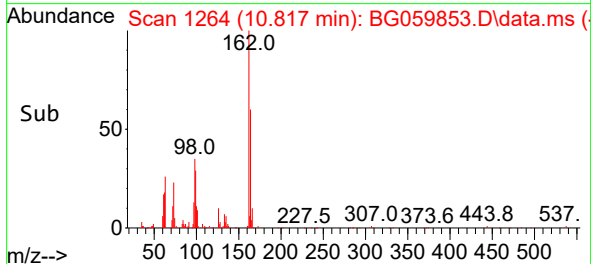
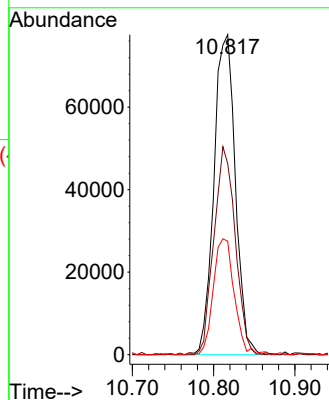
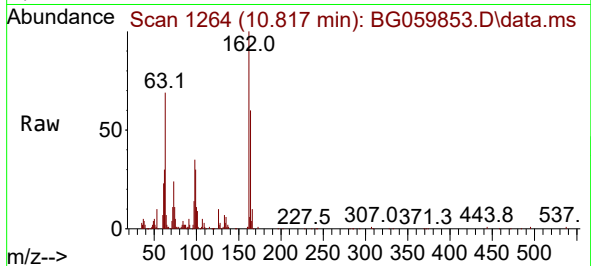
Tgt Ion:162 Resp: 142318

Ion Ratio Lower Upper

162 100

164 59.6 33.6 73.6

98 35.4 10.7 50.7



#30

1,2,4-Trichlorobenzene

Concen: 52.782 ng

RT: 11.029 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

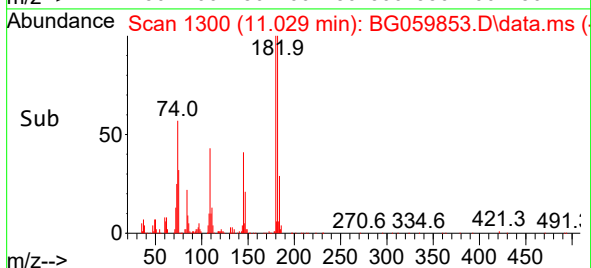
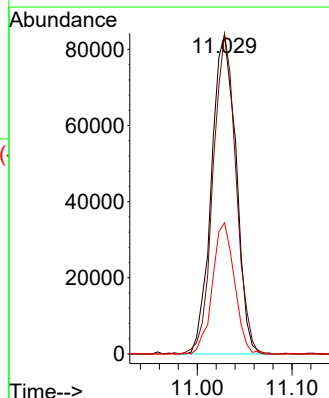
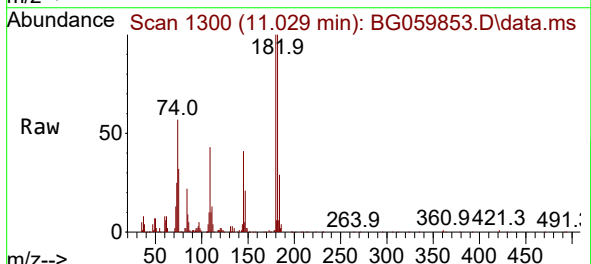
Tgt Ion:180 Resp: 151136

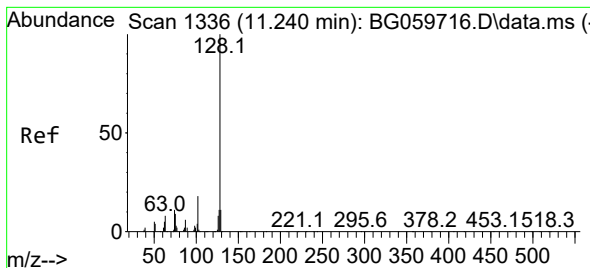
Ion Ratio Lower Upper

180 100

182 100.2 77.4 116.2

145 41.1 24.4 36.6#





#31

Naphthalene

Concen: 48.370 ng

RT: 11.234 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

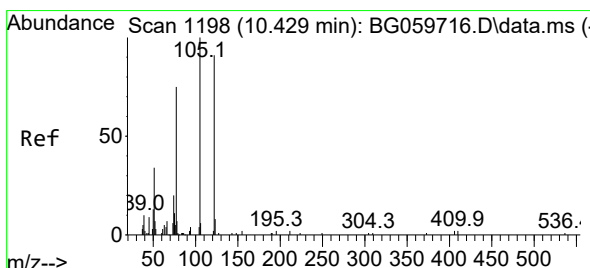
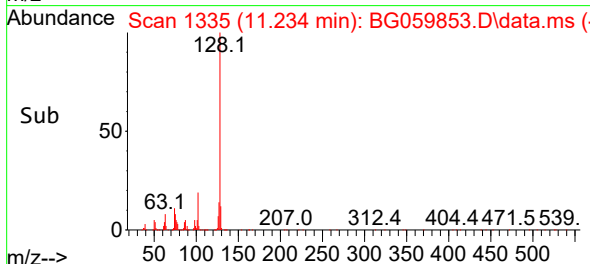
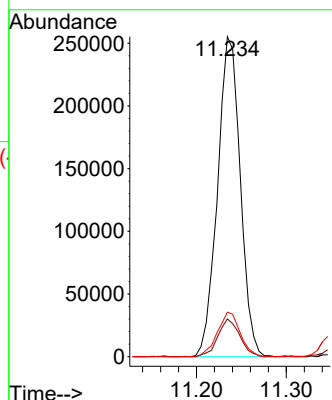
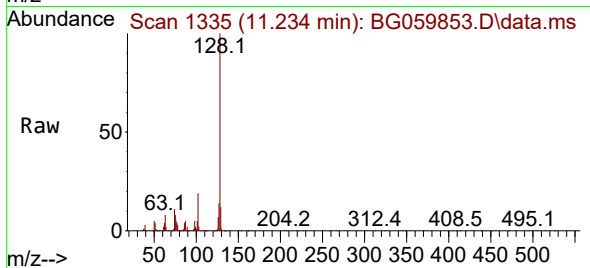
Tgt Ion:128 Resp: 449021

Ion Ratio Lower Upper

128 100

129 11.8 8.7 13.1

127 13.9 9.2 13.8#



#32

Benzoic acid

Concen: 42.546 ng

RT: 10.441 min Scan# 1200

Delta R.T. 0.012 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

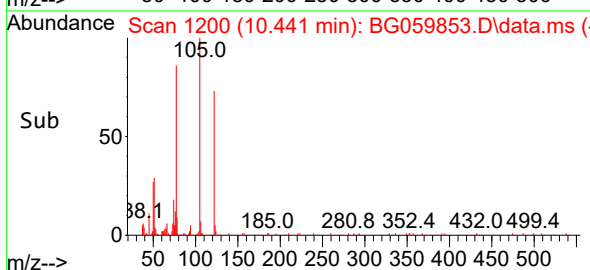
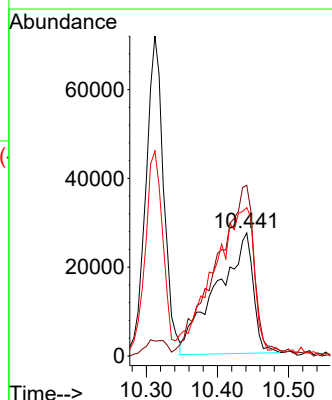
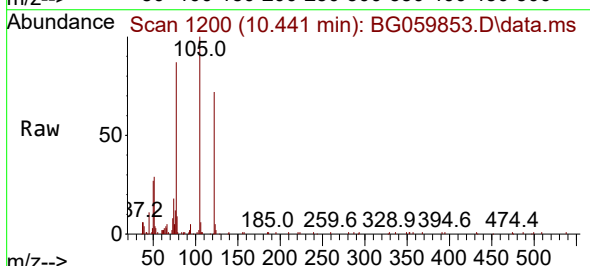
Tgt Ion:122 Resp: 96088

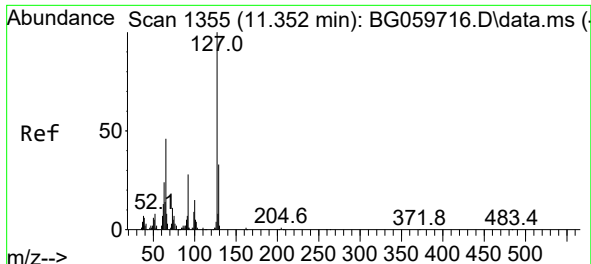
Ion Ratio Lower Upper

122 100

105 138.8 103.7 143.7

77 120.6 82.3 122.3

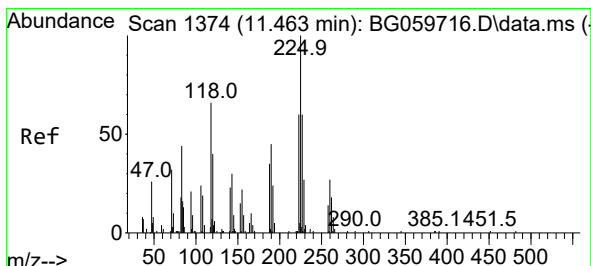
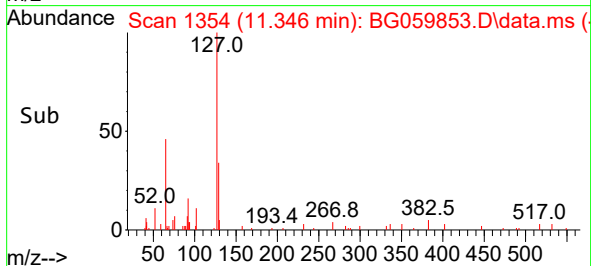
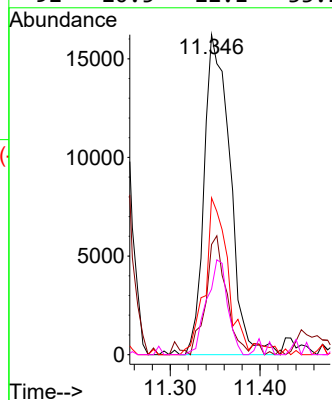
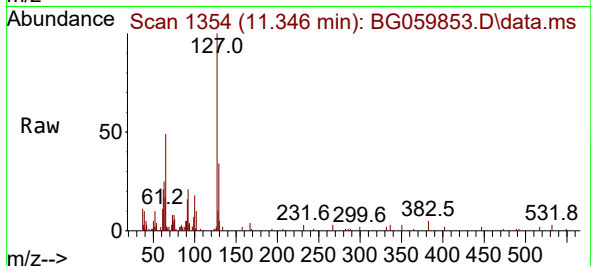




#33
4-Chloroaniline
Concen: 8.199 ng
RT: 11.346 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

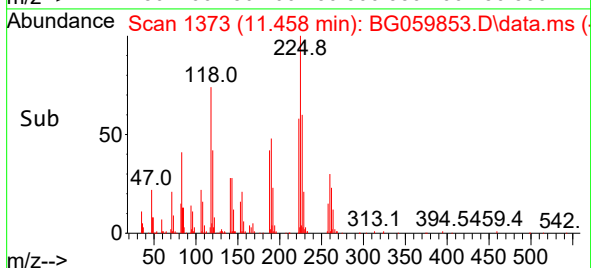
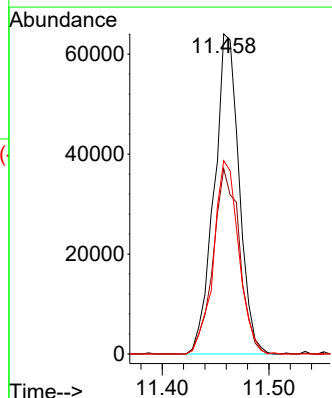
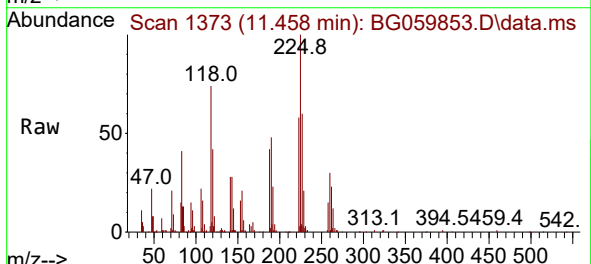
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

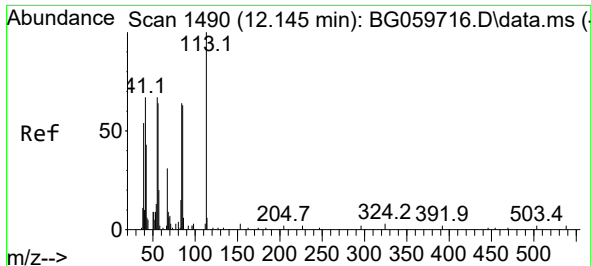
Tgt Ion:	127	Resp:	32374
Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.8	40.2
65	49.0	36.5	54.7
92	20.5	22.1	33.1



#34
Hexachlorobutadiene
Concen: 53.256 ng
RT: 11.458 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:	225	Resp:	103785
Ion	Ratio	Lower	Upper
225	100		
223	57.9	46.6	69.8
227	60.4	48.2	72.2

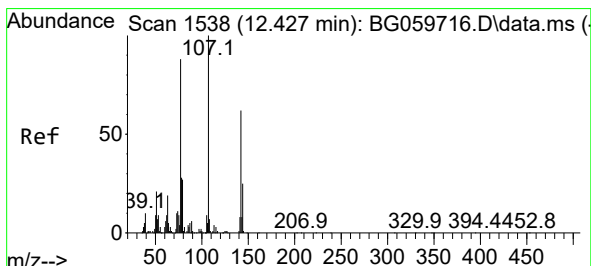
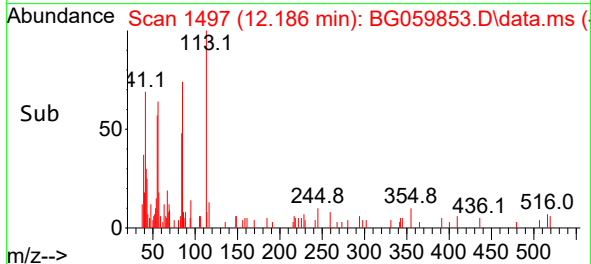
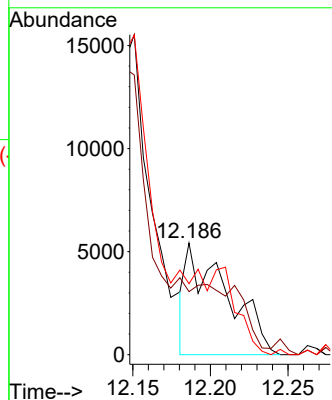
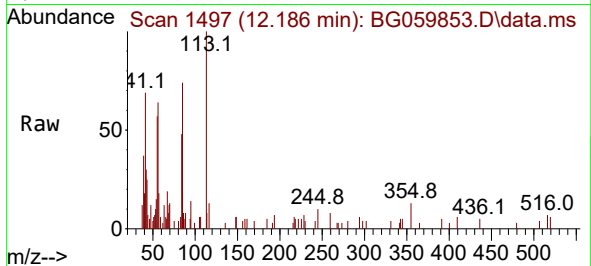




#35
 Caprolactam
 Concen: 9.580 ng
 RT: 12.186 min Scan# 1497
 Delta R.T. 0.041 min
 Lab File: BG059853.D
 Acq: 23 Nov 2023 15:21

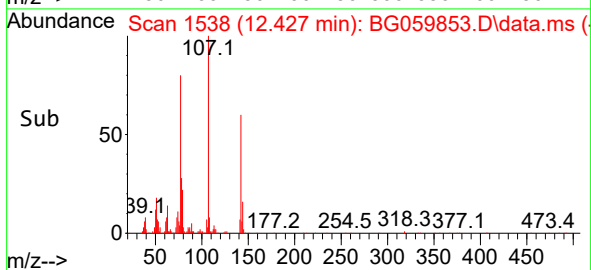
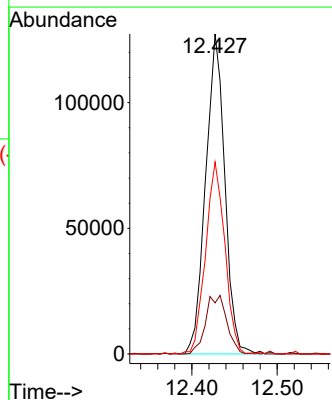
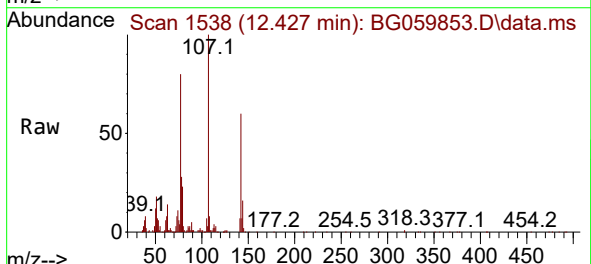
Instrument :
 BNA_G
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5MS

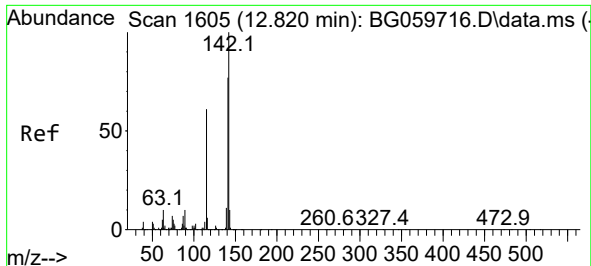
Tgt Ion:113 Resp: 9920
 Ion Ratio Lower Upper
 113 100
 55 56.5 47.1 87.1
 56 63.7 43.7 83.7



#36
 4-Chloro-3-methylphenol
 Concen: 52.964 ng
 RT: 12.427 min Scan# 1538
 Delta R.T. 0.000 min
 Lab File: BG059853.D
 Acq: 23 Nov 2023 15:21

Tgt Ion:107 Resp: 199570
 Ion Ratio Lower Upper
 107 100
 144 16.0 20.2 30.4#
 142 59.9 49.4 74.0





#37

2-Methylnaphthalene

Concen: 45.901 ng

RT: 12.815 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

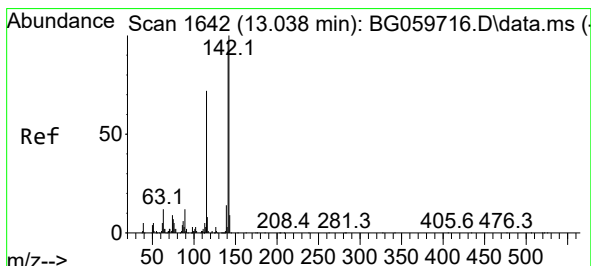
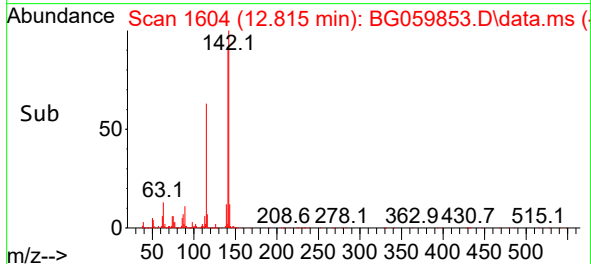
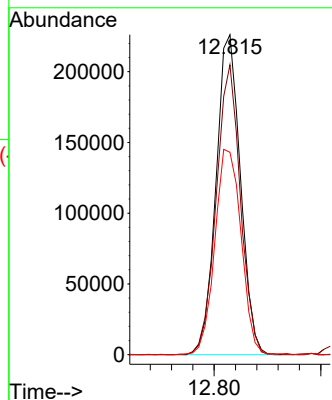
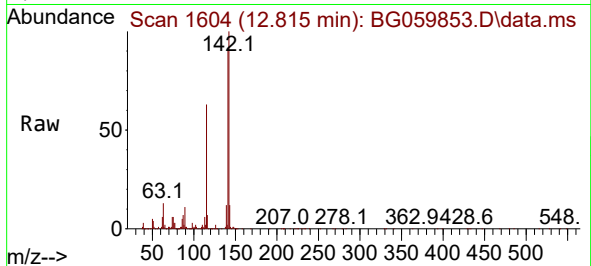
Tgt Ion:142 Resp: 358880

Ion Ratio Lower Upper

142 100

141 90.6 61.9 92.9

115 63.3 49.0 73.4



#38

1-Methylnaphthalene

Concen: 49.774 ng

RT: 12.815 min Scan# 1604

Delta R.T. -0.223 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

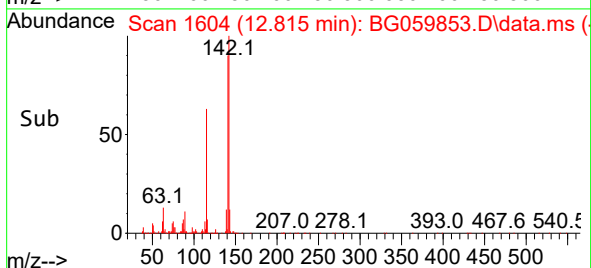
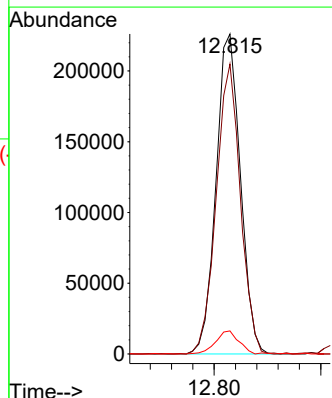
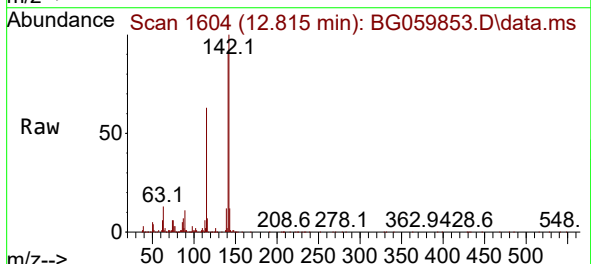
Tgt Ion:142 Resp: 358880

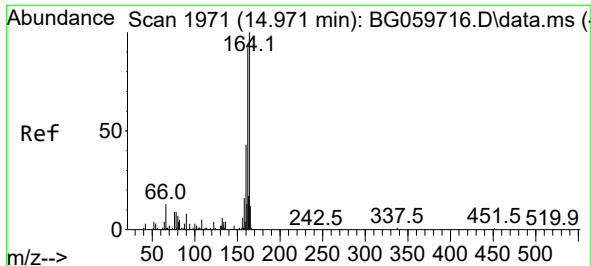
Ion Ratio Lower Upper

142 100

141 90.6 77.8 116.8

116 7.2 6.2 9.2

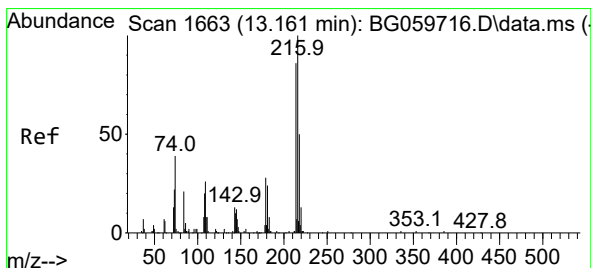
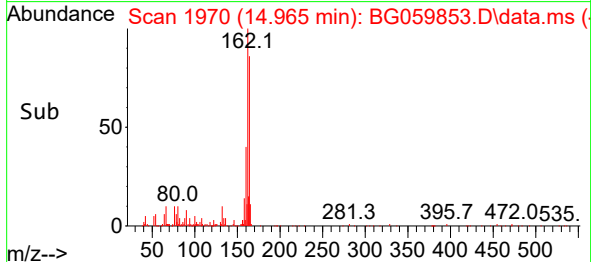
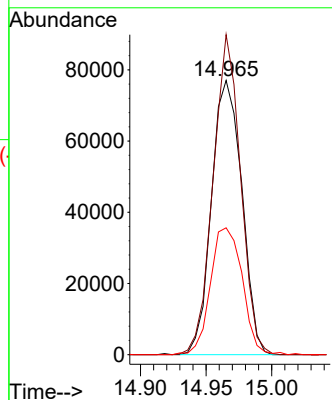
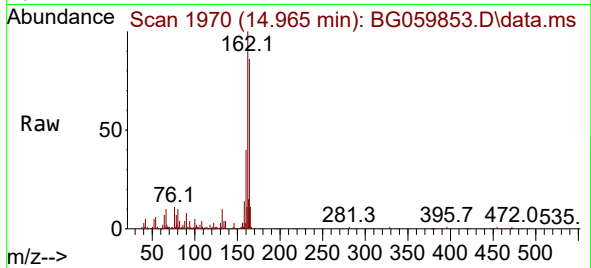




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.965 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

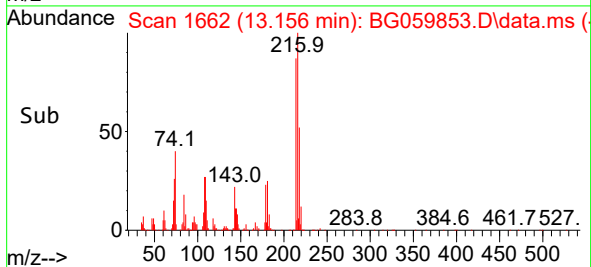
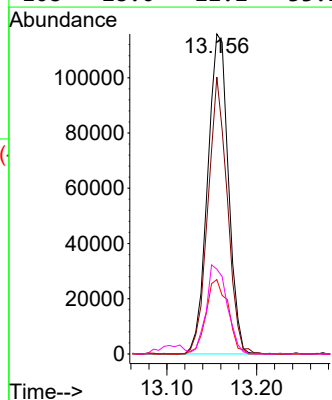
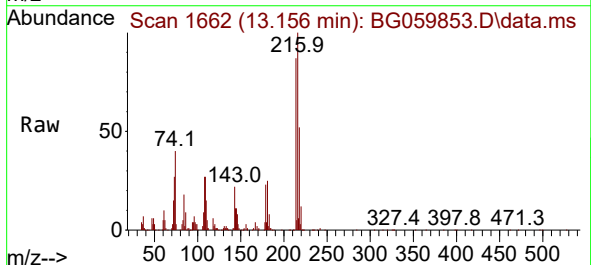
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

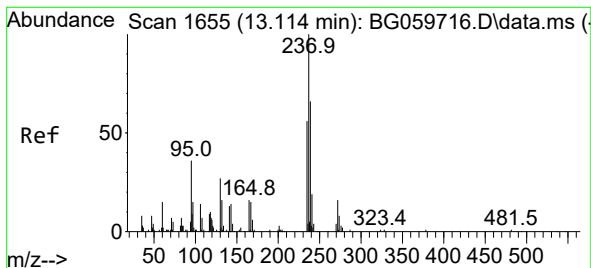
Tgt Ion:164 Resp: 123806
Ion Ratio Lower Upper
164 100
162 116.7 73.3 109.9#
160 46.3 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.536 ng
RT: 13.156 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:216 Resp: 185688
Ion Ratio Lower Upper
216 100
214 80.5 61.0 91.4
179 24.7 20.2 30.2
108 28.0 22.2 33.2





#41

Hexachlorocyclopentadiene

Concen: 36.370 ng

RT: 13.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

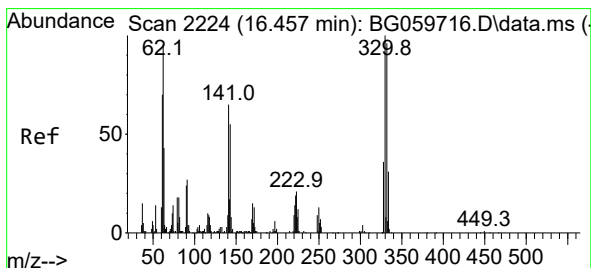
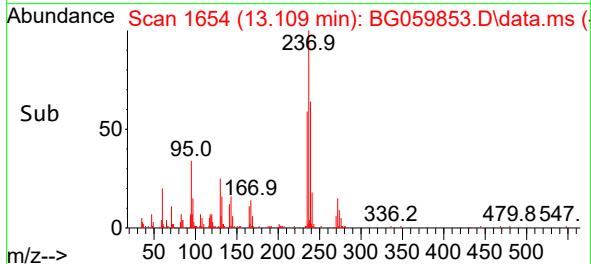
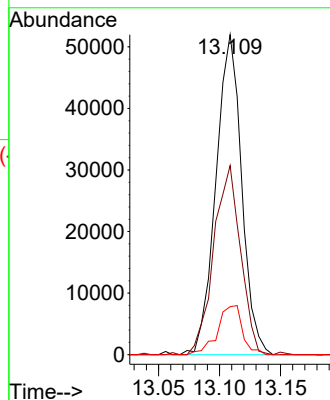
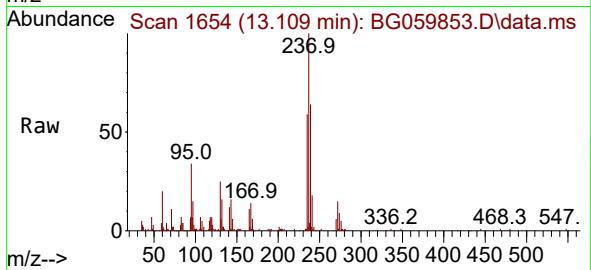
Tgt Ion:237 Resp: 76281

Ion Ratio Lower Upper

237 100

235 59.1 36.0 76.0

272 15.0 0.0 36.5



#42

2,4,6-Tribromophenol

Concen: 107.235 ng

RT: 16.452 min Scan# 2223

Delta R.T. -0.006 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

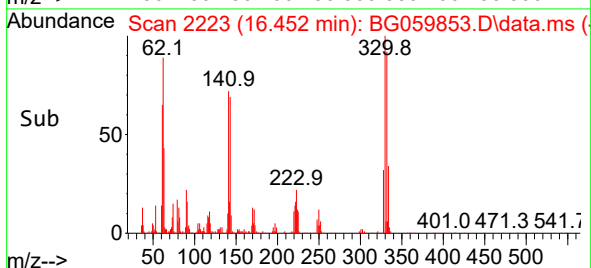
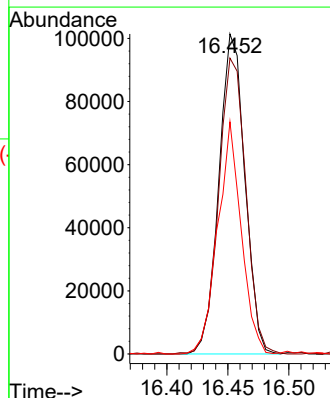
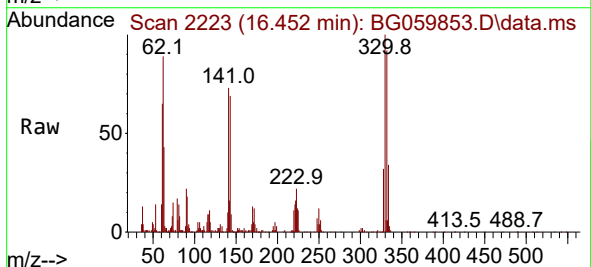
Tgt Ion:330 Resp: 150637

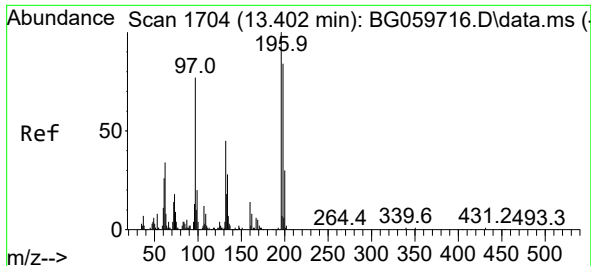
Ion Ratio Lower Upper

330 100

332 96.5 73.3 109.9

141 66.0 52.1 78.1

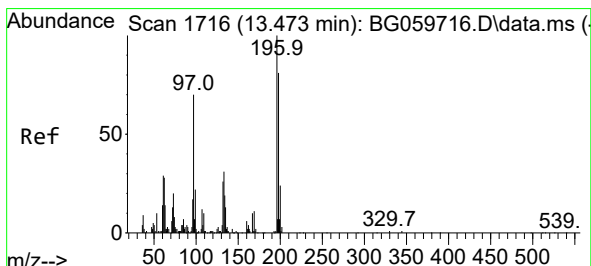
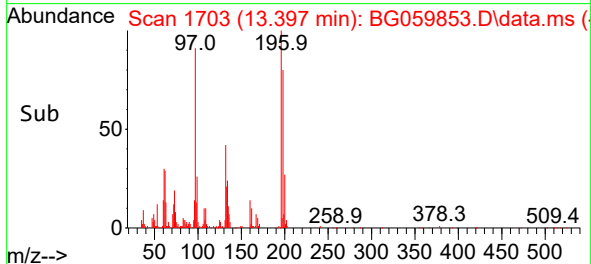
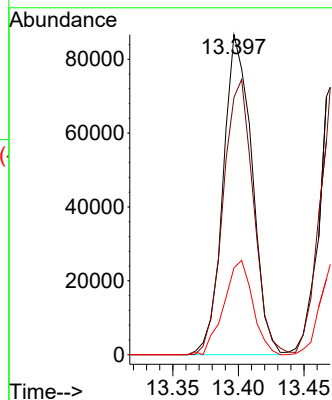
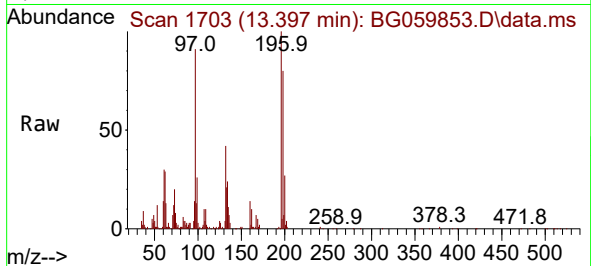




#43
2,4,6-Trichlorophenol
Concen: 56.963 ng
RT: 13.397 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

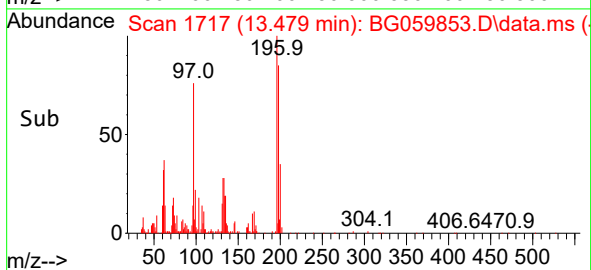
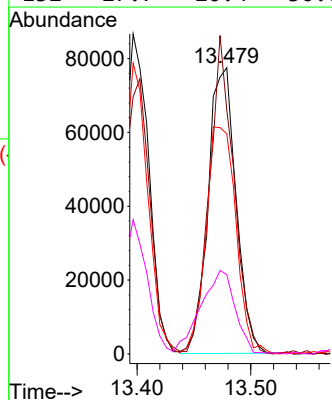
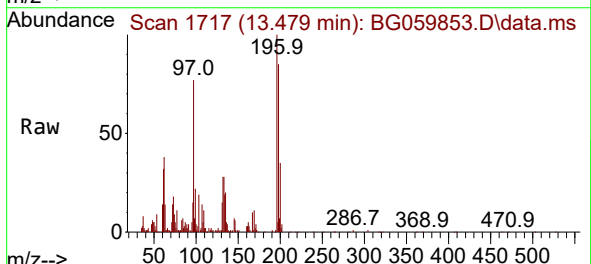
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

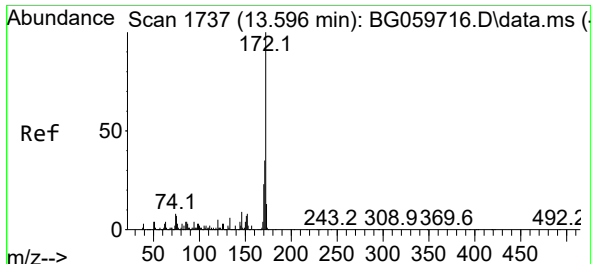
Tgt Ion:196 Resp: 132444
Ion Ratio Lower Upper
196 100
198 80.4 67.6 101.4
200 27.2 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 48.411 ng
RT: 13.479 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:196 Resp: 132258
Ion Ratio Lower Upper
196 100
198 85.3 66.7 100.1
97 77.0 55.9 83.9
132 27.7 20.4 30.6

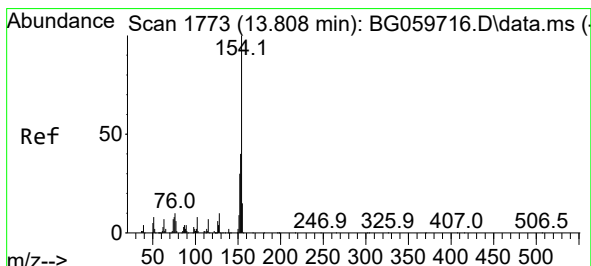
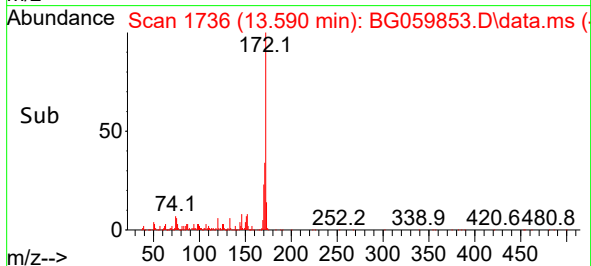
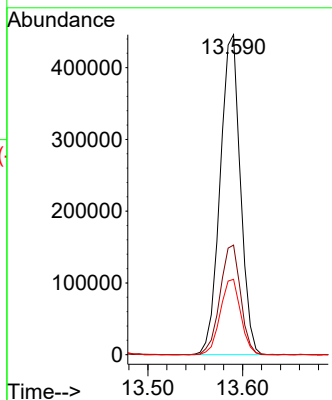
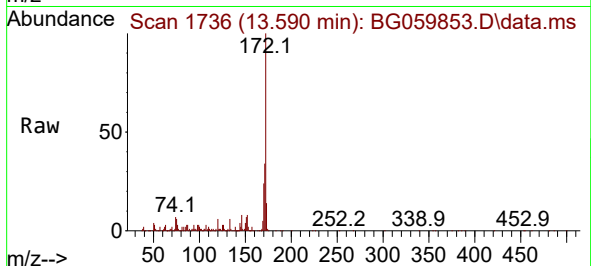




#45
2-Fluorobiphenyl
Concen: 71.834 ng
RT: 13.590 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

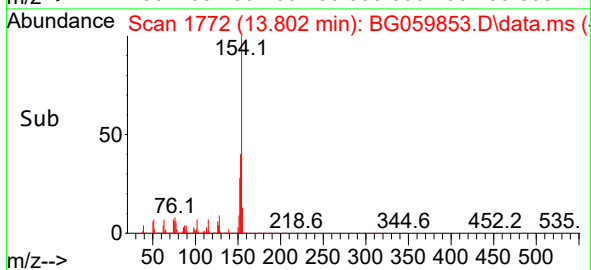
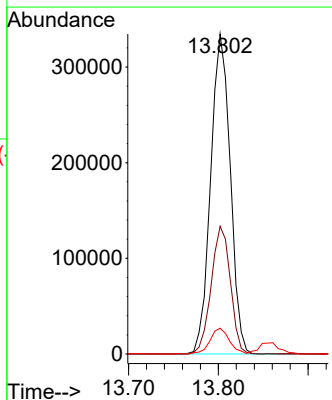
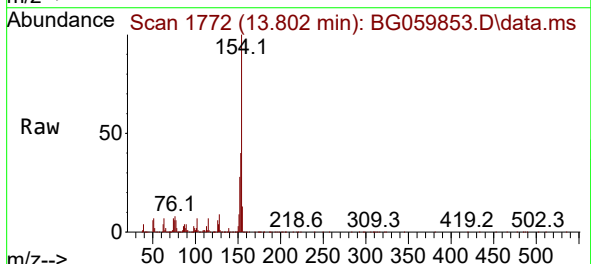
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

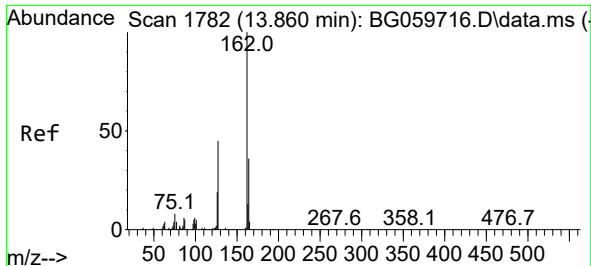
Tgt Ion:172 Resp: 660710
Ion Ratio Lower Upper
172 100
171 34.2 27.7 41.5
170 23.5 18.4 27.6



#46
1,1'-Biphenyl
Concen: 52.139 ng
RT: 13.802 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:154 Resp: 506674
Ion Ratio Lower Upper
154 100
153 39.9 19.7 59.7
76 8.1 0.0 30.4

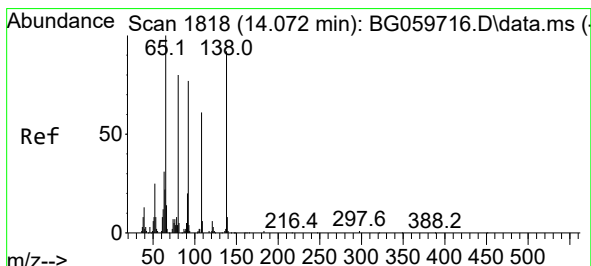
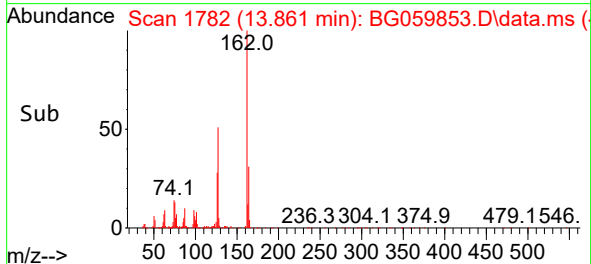
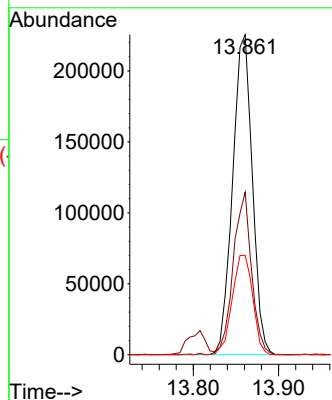
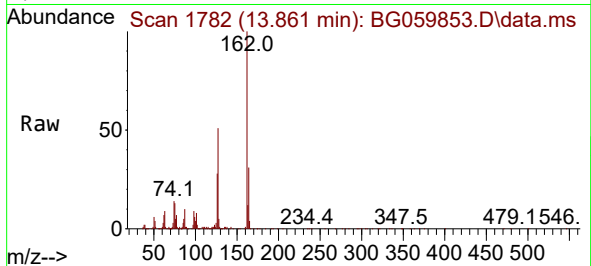




#47
2-Chloronaphthalene
Concen: 54.275 ng
RT: 13.861 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

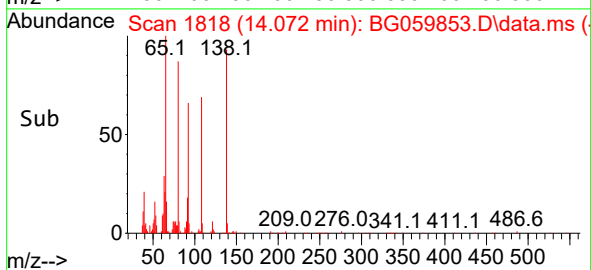
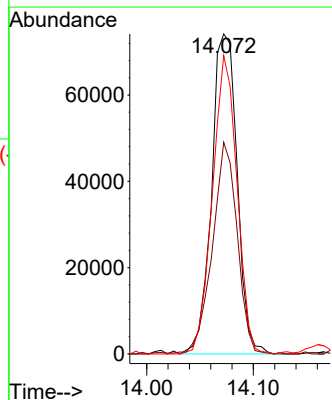
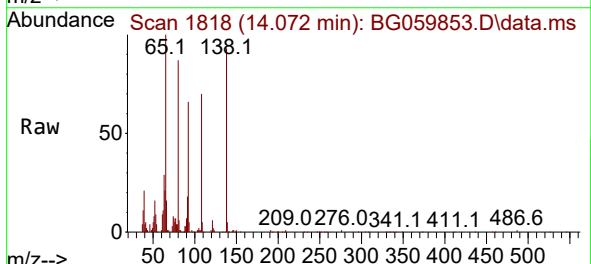
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

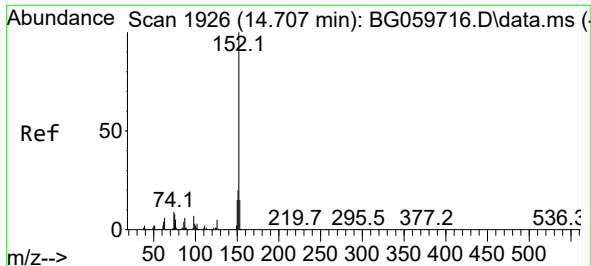
Tgt Ion:162 Resp: 362410
Ion Ratio Lower Upper
162 100
127 50.8 41.0 61.6
164 31.1 28.9 43.3



#48
2-Nitroaniline
Concen: 51.617 ng
RT: 14.072 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion: 65 Resp: 123054
Ion Ratio Lower Upper
65 100
92 66.2 61.2 91.8
138 93.3 73.8 110.6

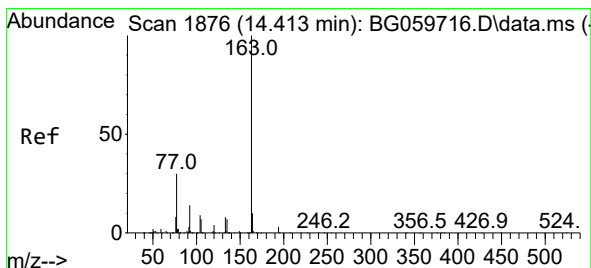
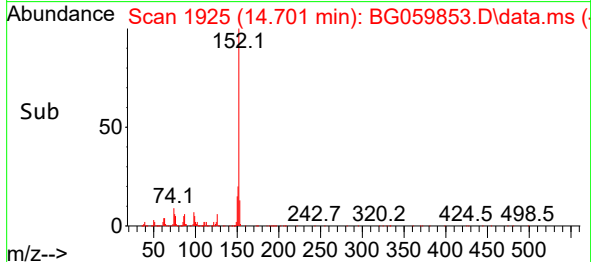
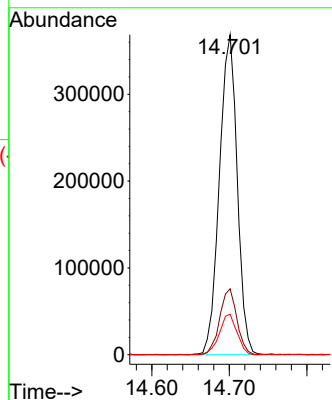
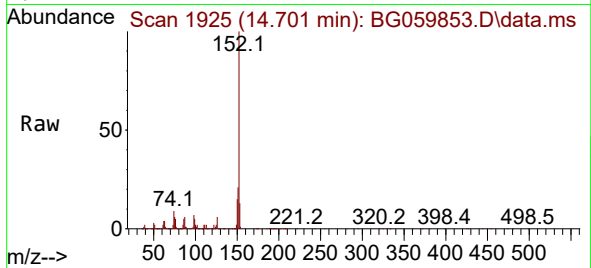




#49
Acenaphthylene
Concen: 51.729 ng
RT: 14.701 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

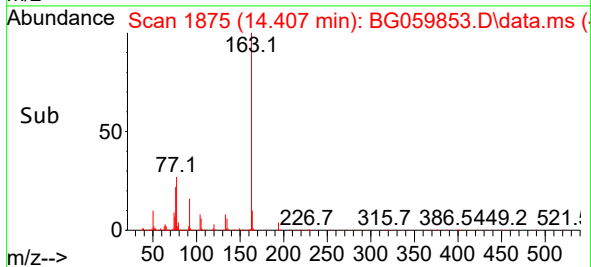
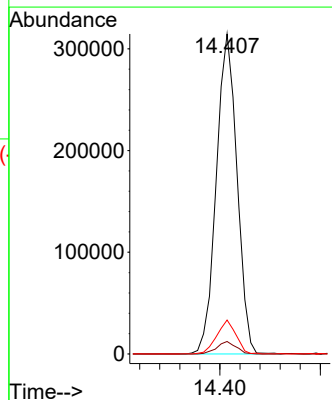
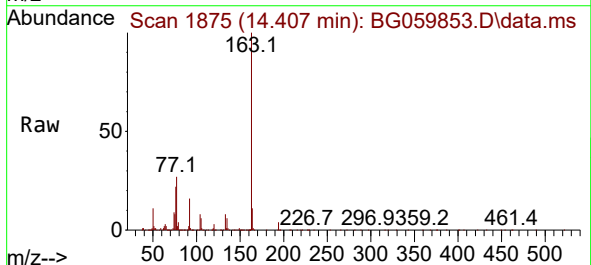
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

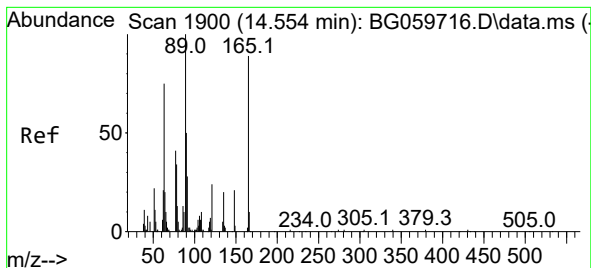
Tgt Ion:152 Resp: 588953
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 12.7 12.2 18.4



#50
Dimethylphthalate
Concen: 46.941 ng
RT: 14.407 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:163 Resp: 450367
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.6 8.2 12.2

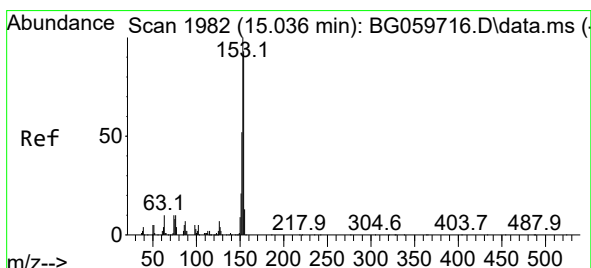
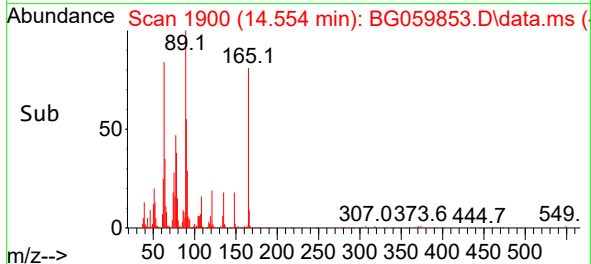
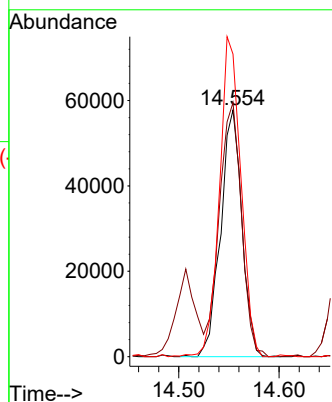
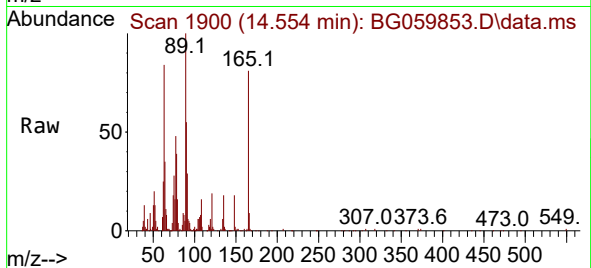




#51
2,6-Dinitrotoluene
Concen: 46.712 ng
RT: 14.554 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

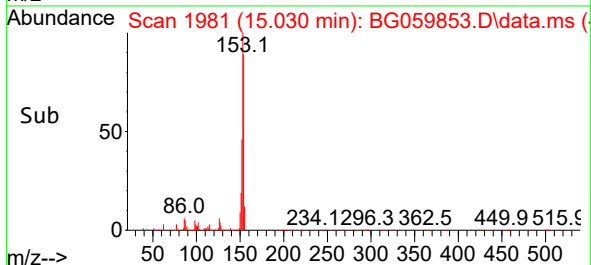
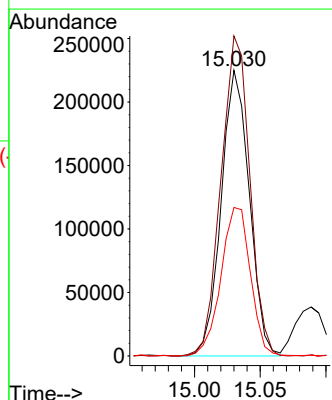
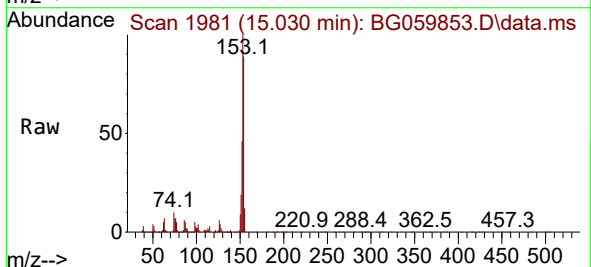
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

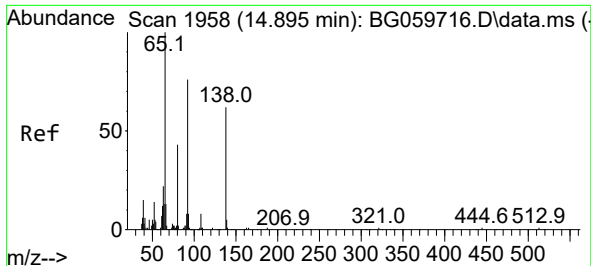
Tgt Ion:165 Resp: 85021
Ion Ratio Lower Upper
165 100
63 103.1 75.3 112.9
89 122.8 90.9 136.3



#52
Acenaphthene
Concen: 48.963 ng
RT: 15.030 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:154 Resp: 335259
Ion Ratio Lower Upper
154 100
153 112.1 85.8 128.8
152 52.0 44.4 66.6

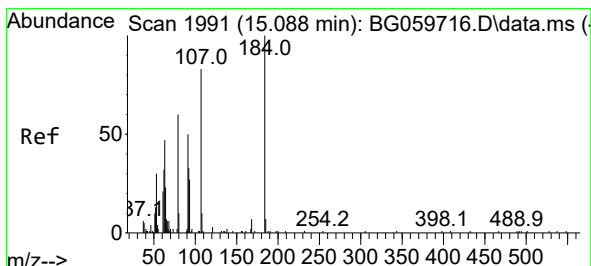
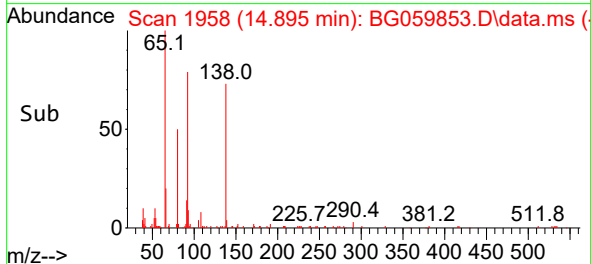
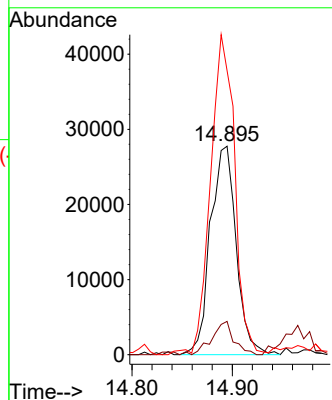
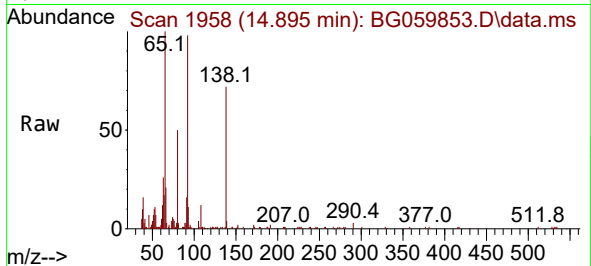




#53
3-Nitroaniline
Concen: 23.252 ng
RT: 14.895 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

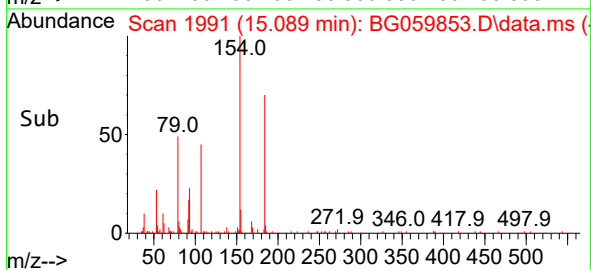
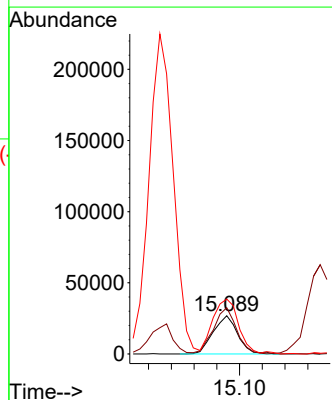
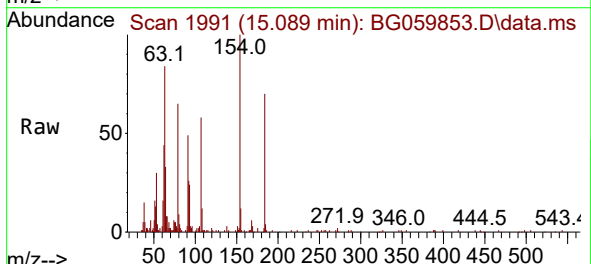
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

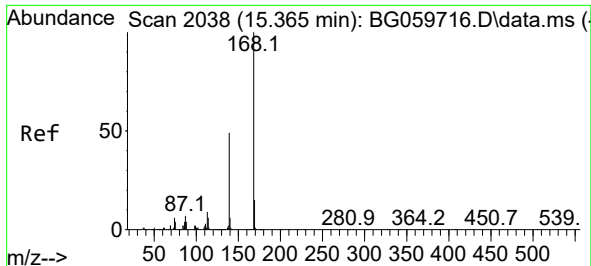
Tgt Ion:138 Resp: 49537
Ion Ratio Lower Upper
138 100
108 16.0 9.9 14.9#
92 136.3 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 29.593 ng
RT: 15.089 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:184 Resp: 40025
Ion Ratio Lower Upper
184 100
63 120.9 58.3 87.5#
154 143.7 94.1 141.1#

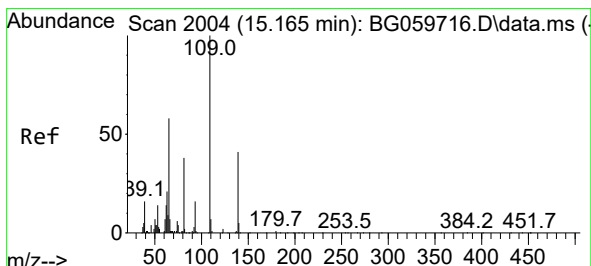
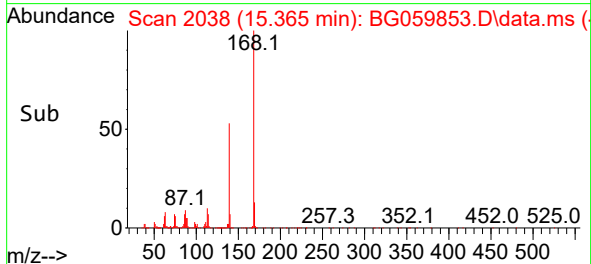
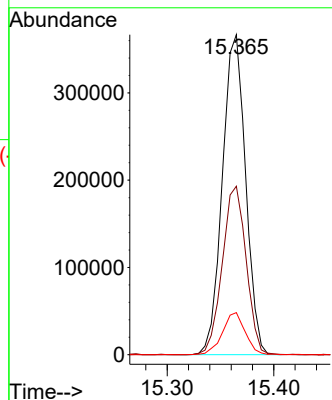
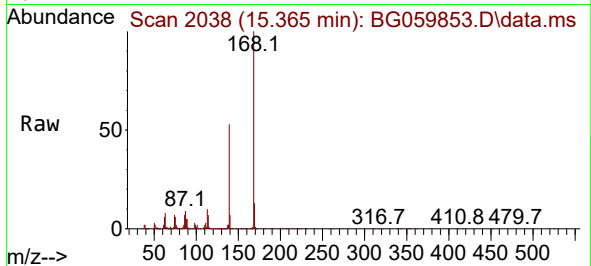




#55
Dibenzofuran
Concen: 49.091 ng
RT: 15.365 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

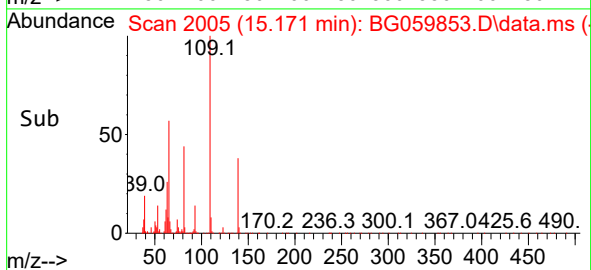
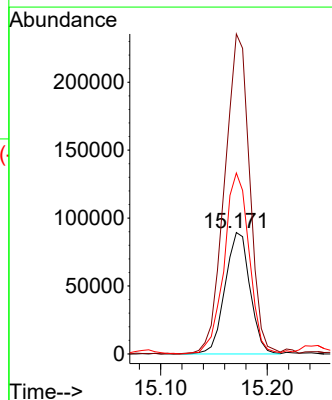
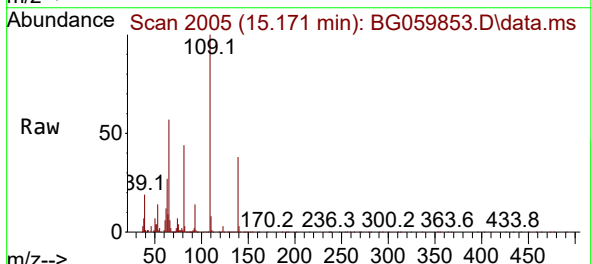
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

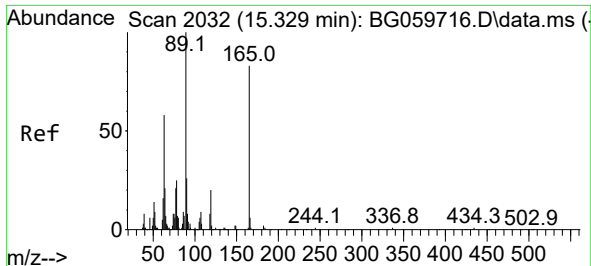
Tgt Ion:168 Resp: 554207
Ion Ratio Lower Upper
168 100
139 52.6 38.9 58.3
169 13.1 11.8 17.8



#56
4-Nitrophenol
Concen: 88.963 ng
RT: 15.171 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:139 Resp: 145005
Ion Ratio Lower Upper
139 100
109 263.5 223.4 263.4#
65 149.1 120.6 160.6





#57

2,4-Dinitrotoluene

Concen: 45.800 ng

RT: 15.330 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

Tgt Ion:165 Resp: 128197

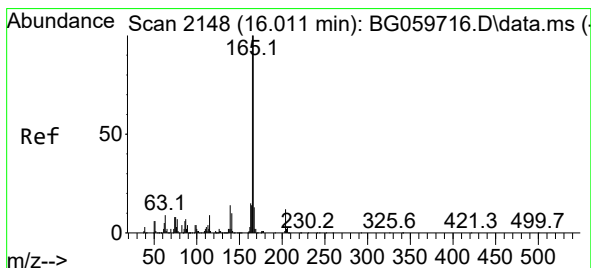
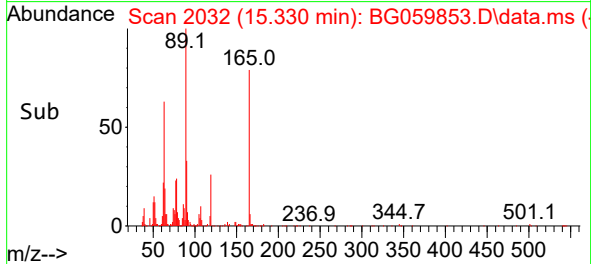
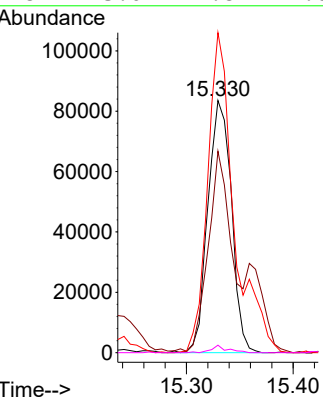
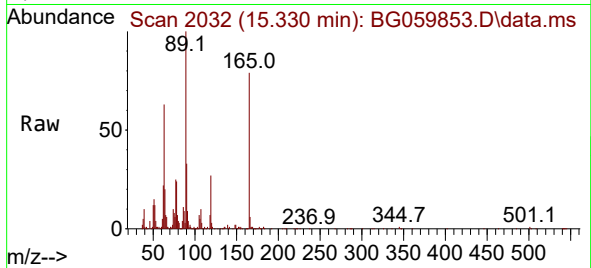
Ion Ratio Lower Upper

165 100

63 79.9 55.8 83.8

89 126.9 96.9 145.3

182 3.0 1.8 2.6#



#58

Fluorene

Concen: 47.769 ng

RT: 16.011 min Scan# 2148

Delta R.T. 0.000 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

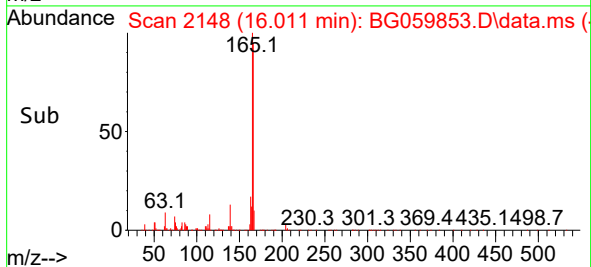
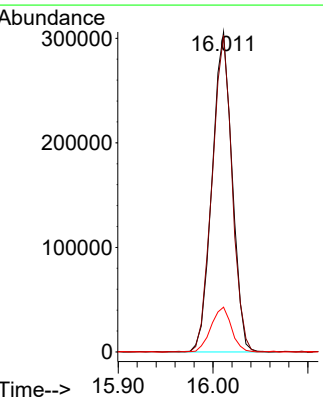
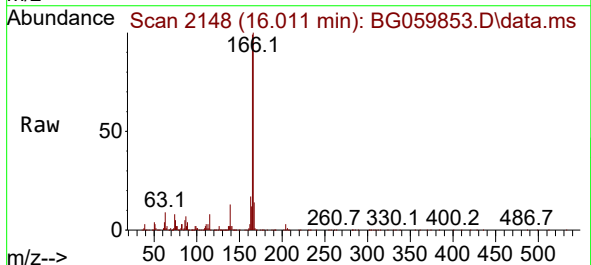
Tgt Ion:166 Resp: 448037

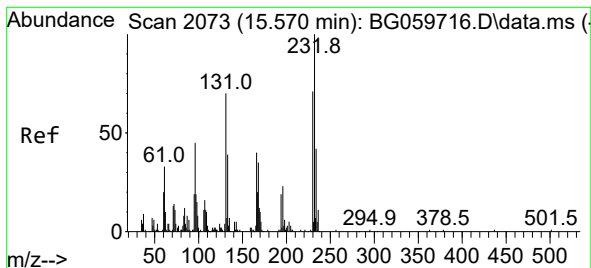
Ion Ratio Lower Upper

166 100

165 98.9 79.9 119.9

167 14.0 10.1 15.1

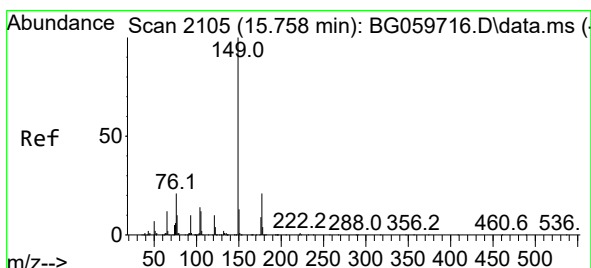
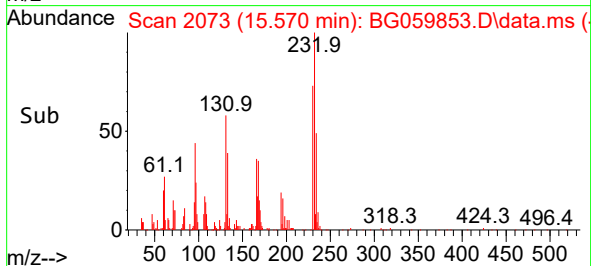
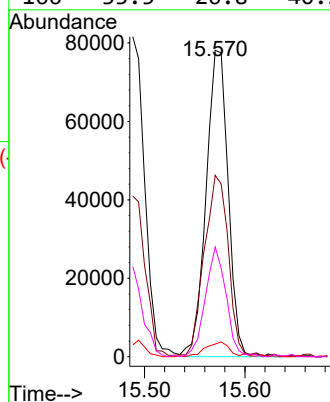
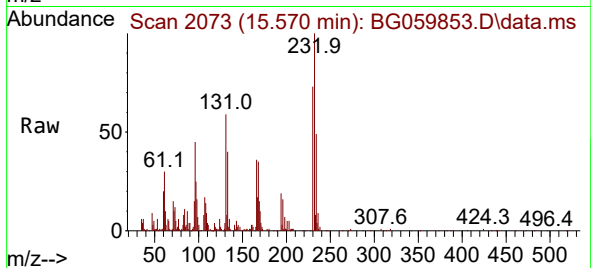




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.776 ng
RT: 15.570 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

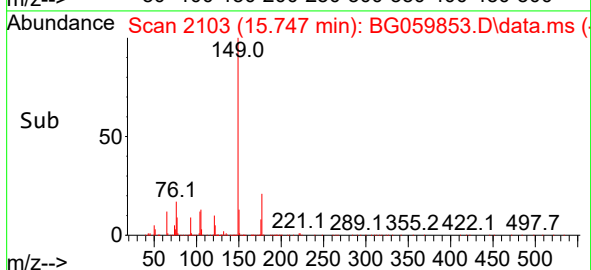
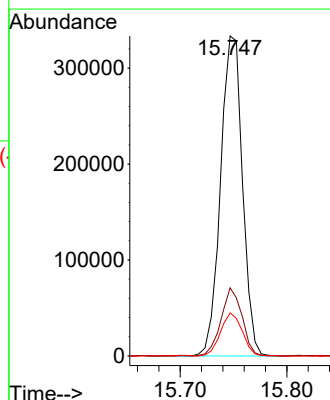
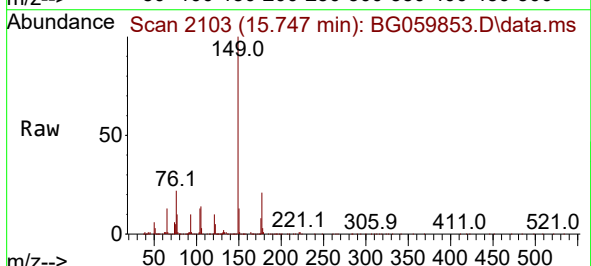
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

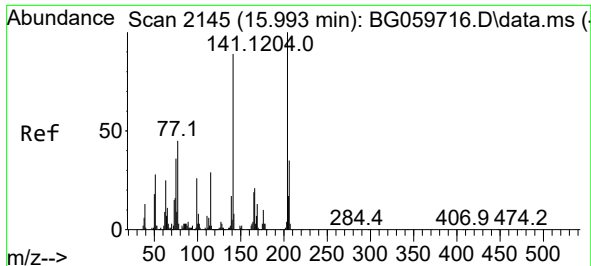
Tgt Ion:232 Resp: 119538
Ion Ratio Lower Upper
232 100
131 65.0 50.2 75.2
130 5.4 4.3 6.5
166 33.5 26.8 40.2



#60
Diethylphthalate
Concen: 46.173 ng
RT: 15.747 min Scan# 2103
Delta R.T. -0.011 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:149 Resp: 475114
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 13.5 10.7 16.1

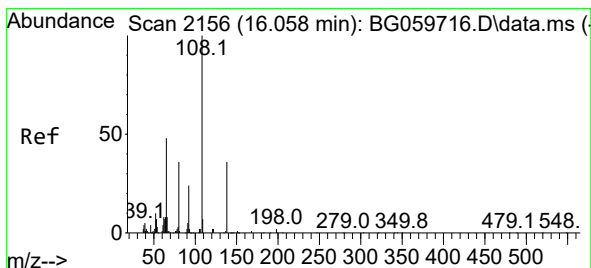
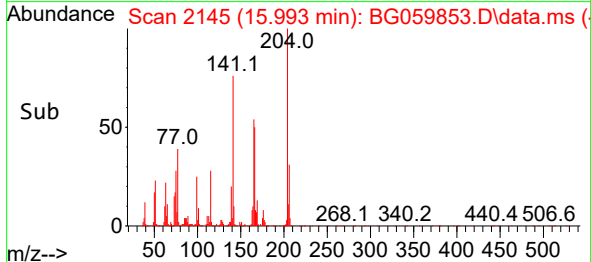
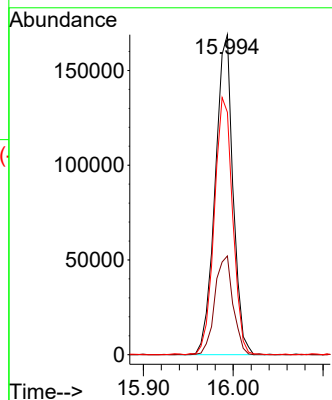
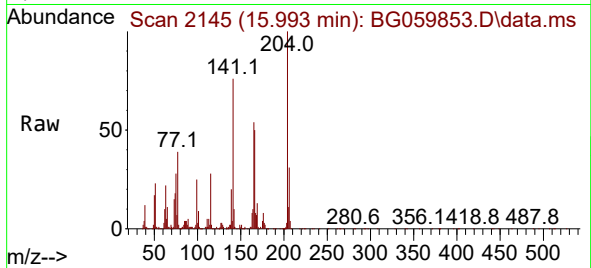




#61
4-Chlorophenyl-phenylether
Concen: 48.270 ng
RT: 15.993 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

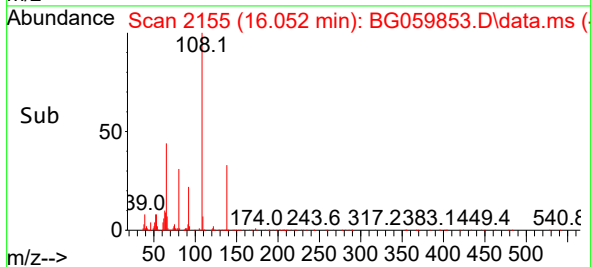
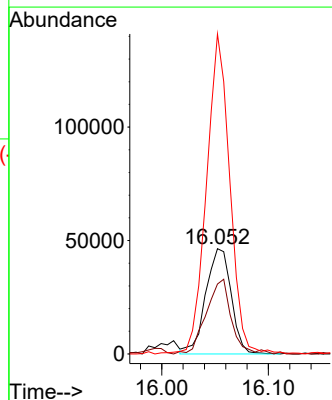
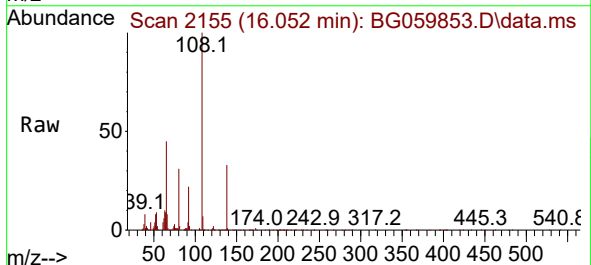
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

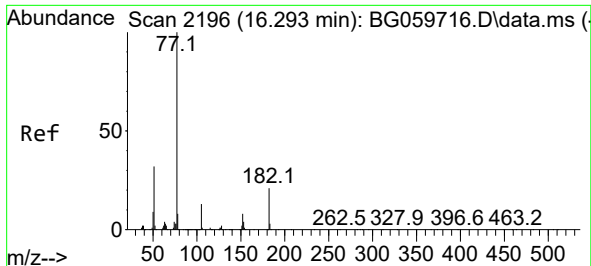
Tgt Ion:204 Resp: 233028
Ion Ratio Lower Upper
204 100
206 30.8 28.1 42.1
141 75.7 70.9 106.3



#62
4-Nitroaniline
Concen: 36.089 ng
RT: 16.052 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:138 Resp: 77056
Ion Ratio Lower Upper
138 100
92 66.5 45.8 85.8
108 303.9 256.3 296.3#

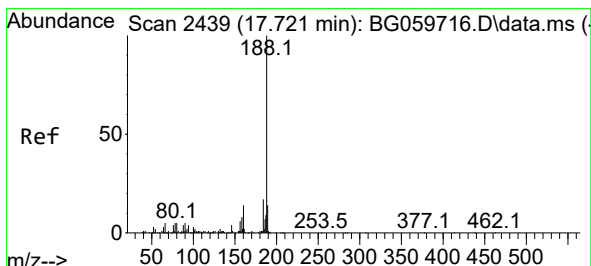
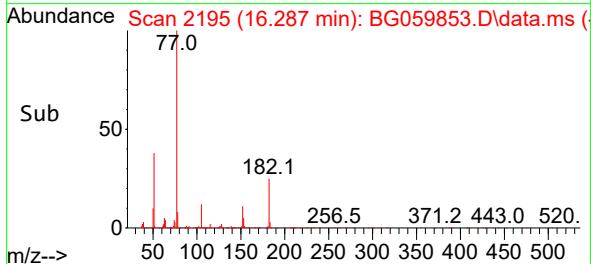
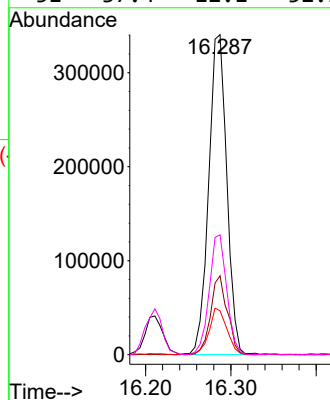
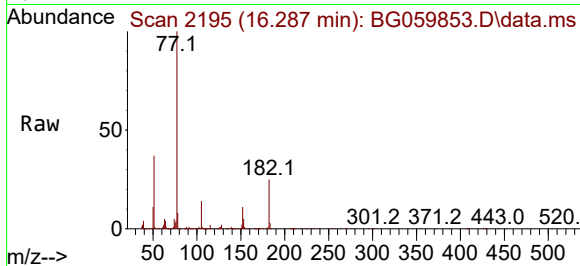




#63
Azobenzene
Concen: 43.829 ng
RT: 16.287 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

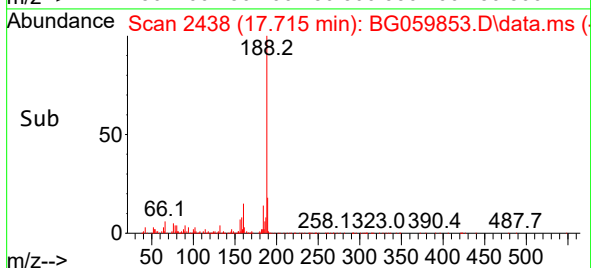
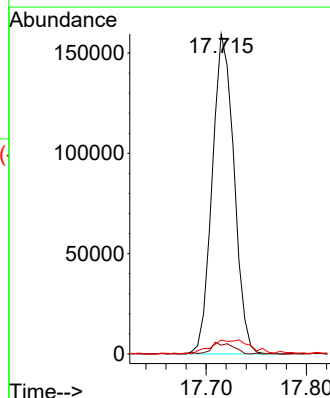
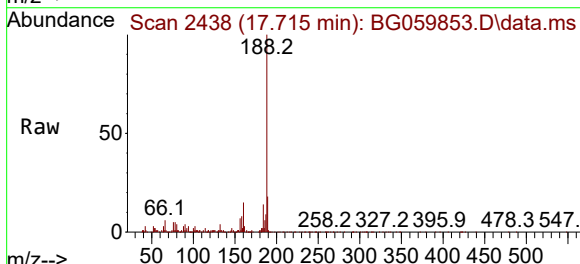
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

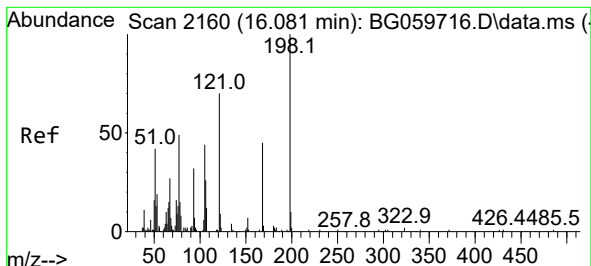
Tgt Ion: 77	Resp: 501178
Ion Ratio	Lower Upper
77 100	
182 24.7	1.1 41.1
105 13.7	0.0 33.0
51 37.4	12.1 52.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.715 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion: 188	Resp: 240598
Ion Ratio	Lower Upper
188 100	
94 2.8	3.0 4.4#
80 4.3	4.2 6.4

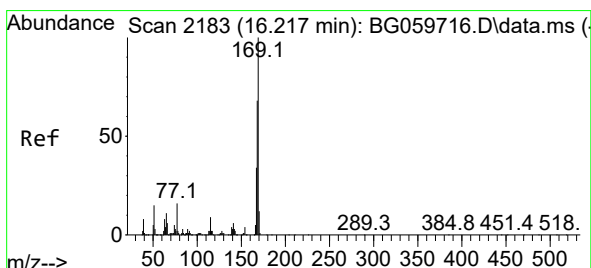
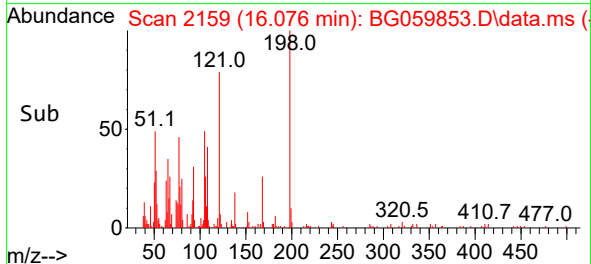
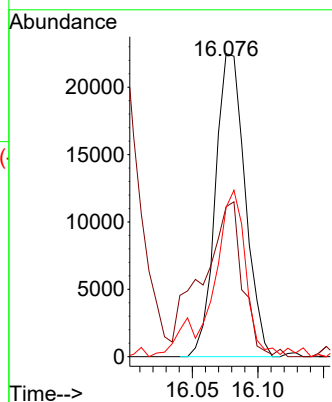
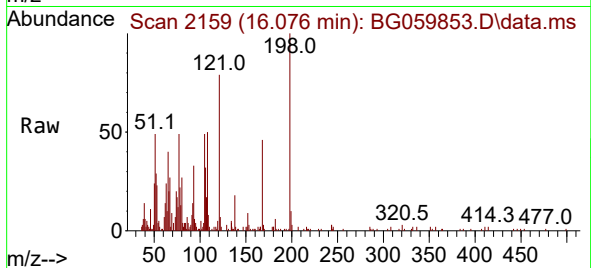




#65
4,6-Dinitro-2-methylphenol
Concen: 24.023 ng
RT: 16.076 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

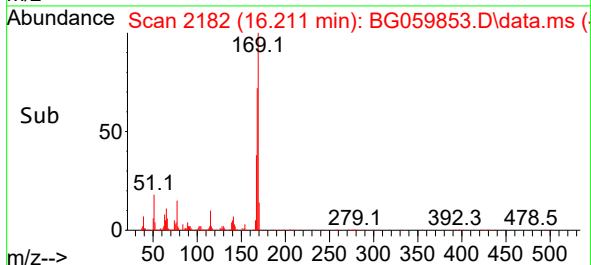
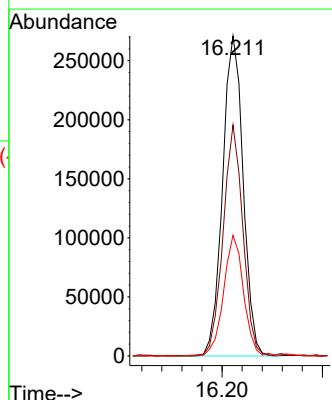
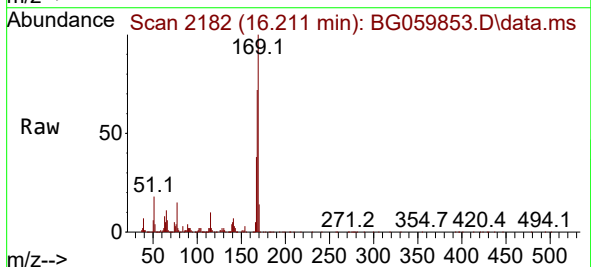
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

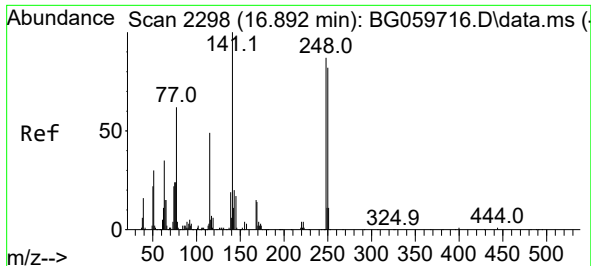
Tgt Ion:198 Resp: 35322
Ion Ratio Lower Upper
198 100
51 49.5 23.0 63.0
105 49.3 24.0 64.0



#66
n-Nitrosodiphenylamine
Concen: 54.601 ng
RT: 16.211 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:169 Resp: 383752
Ion Ratio Lower Upper
169 100
168 72.1 54.5 81.7
167 37.7 27.8 41.6

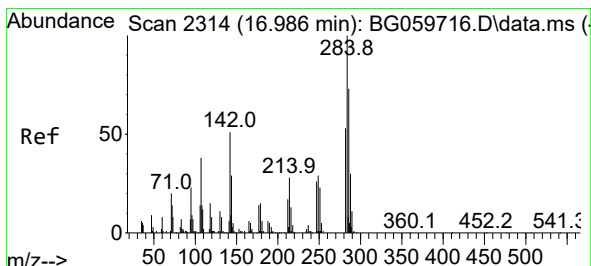
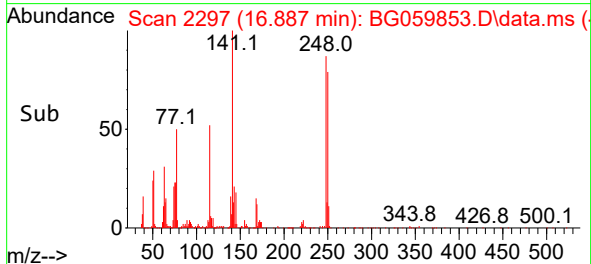
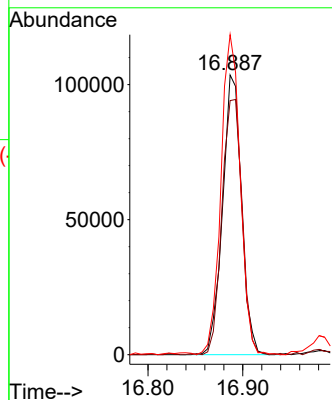
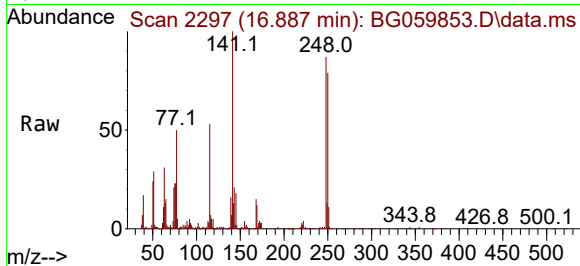




#67
4-Bromophenyl-phenylether
Concen: 55.806 ng
RT: 16.887 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

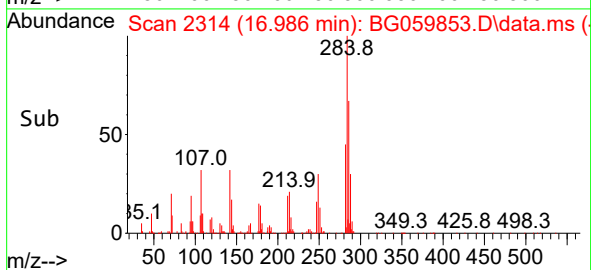
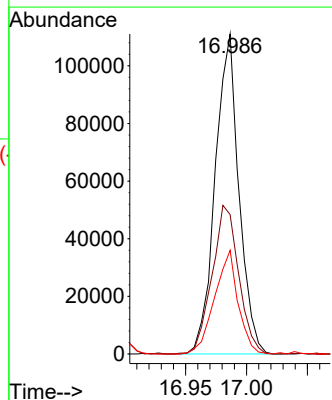
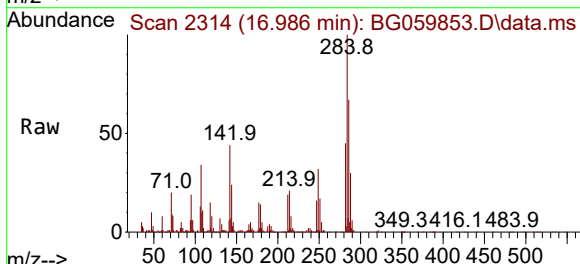
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

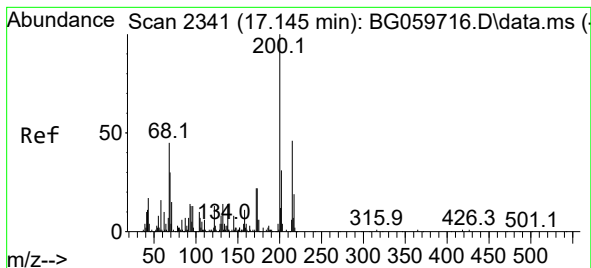
Tgt Ion:248 Resp: 144244
Ion Ratio Lower Upper
248 100
250 90.8 75.2 112.8
141 114.4 91.5 137.3



#68
Hexachlorobenzene
Concen: 62.341 ng
RT: 16.986 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:284 Resp: 150393
Ion Ratio Lower Upper
284 100
142 43.6 41.0 61.6
249 32.4 24.2 36.4





#69

Atrazine

Concen: 73.024 ng

RT: 17.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

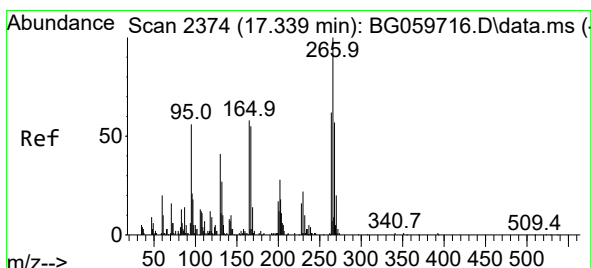
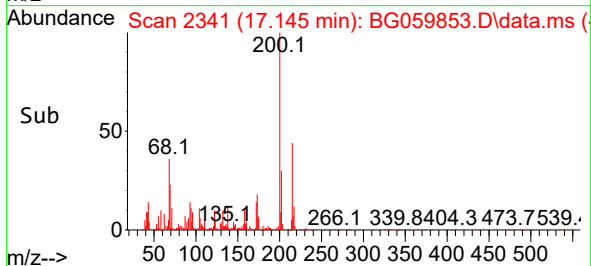
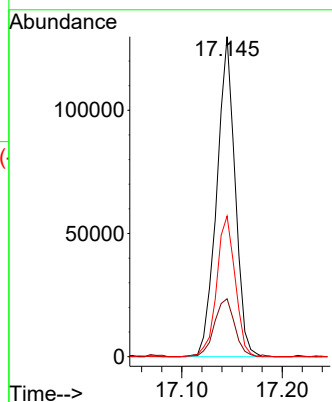
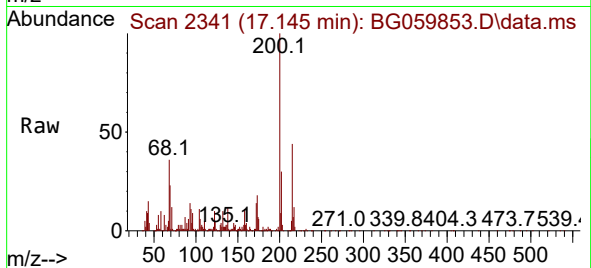
Tgt Ion:200 Resp: 164551

Ion Ratio Lower Upper

200 100

173 18.1 2.3 42.3

215 44.0 25.6 65.6



#70

Pentachlorophenol

Concen: 99.925 ng

RT: 17.339 min Scan# 2374

Delta R.T. 0.000 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

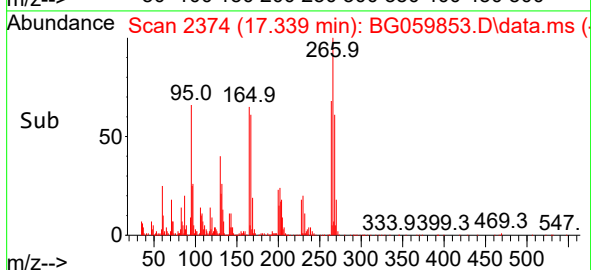
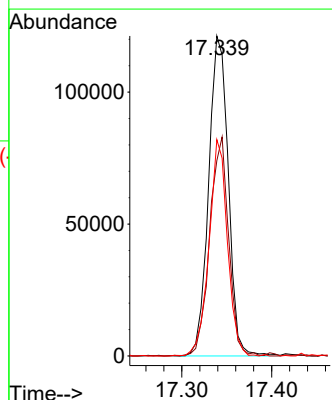
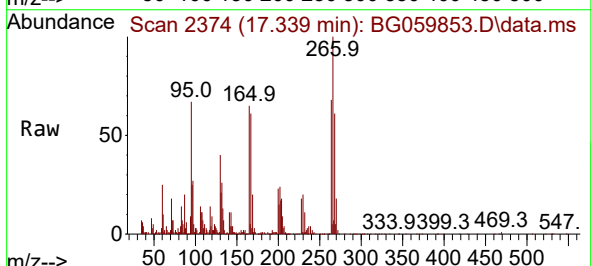
Tgt Ion:266 Resp: 183911

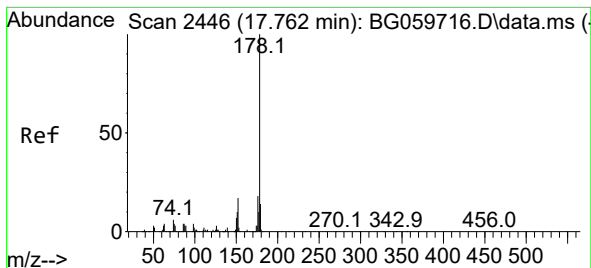
Ion Ratio Lower Upper

266 100

268 61.0 45.7 68.5

264 67.6 49.8 74.8





#71

Phenanthrene

Concen: 52.839 ng

RT: 17.762 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

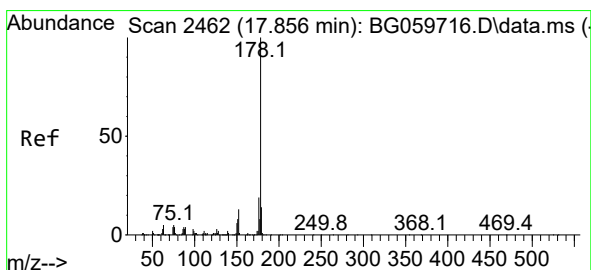
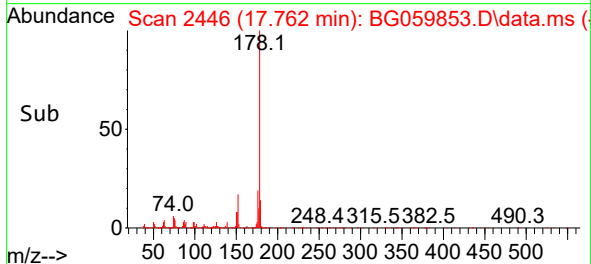
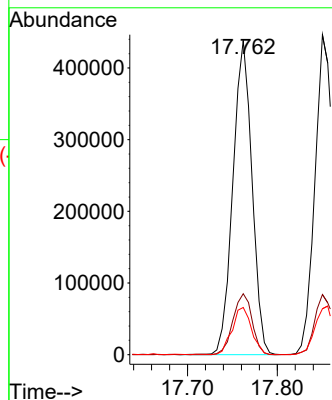
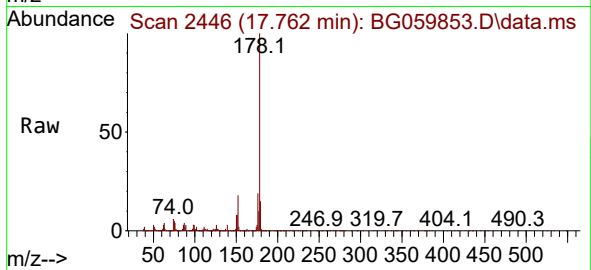
Tgt Ion:178 Resp: 646354

Ion Ratio Lower Upper

178 100

176 19.4 14.5 21.7

179 15.0 11.2 16.8



#72

Anthracene

Concen: 51.365 ng

RT: 17.850 min Scan# 2461

Delta R.T. -0.006 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

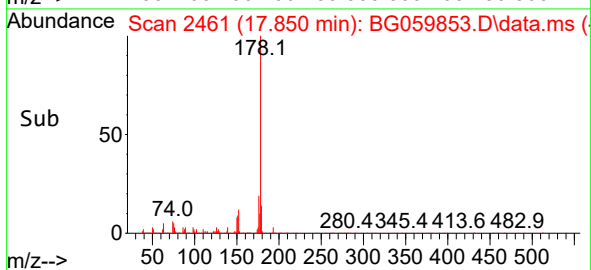
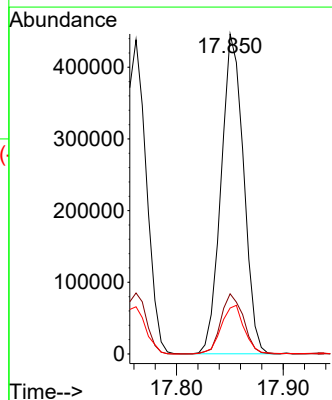
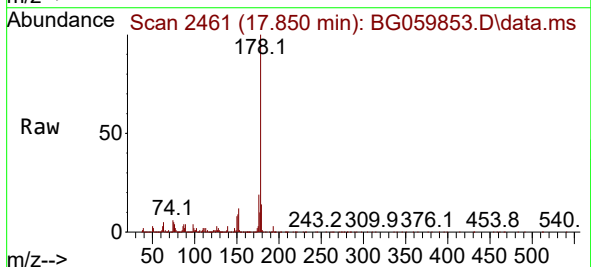
Tgt Ion:178 Resp: 652838

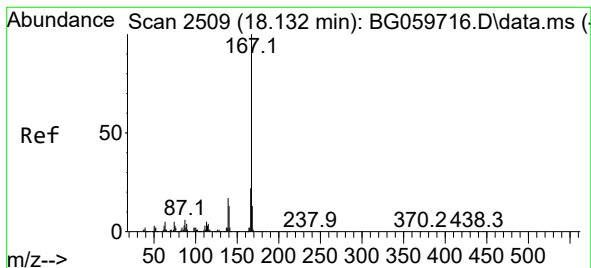
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 14.4 11.5 17.3





#73

Carbazole

Concen: 49.878 ng

RT: 18.132 min Scan# 2509

Delta R.T. 0.000 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

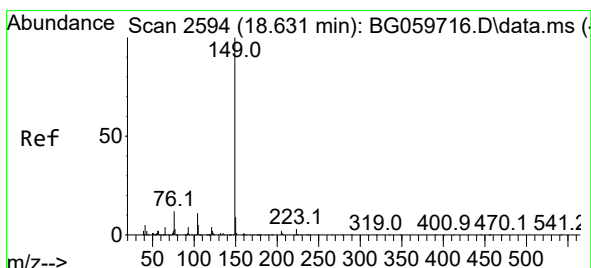
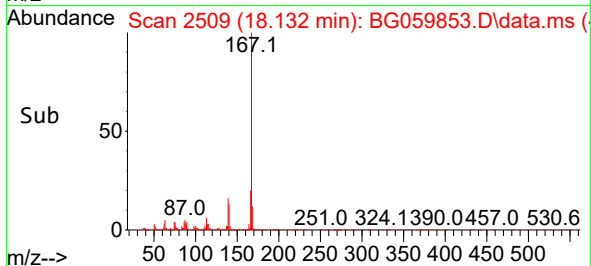
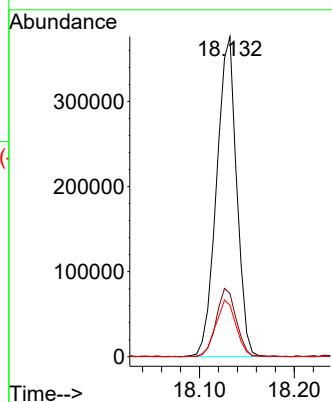
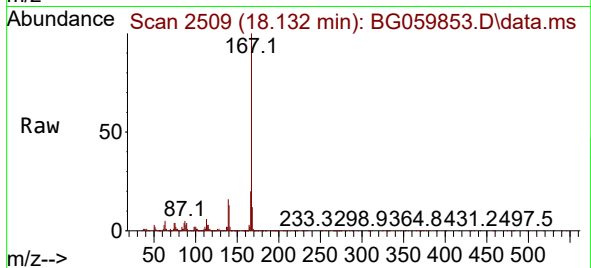
Tgt Ion:167 Resp: 553826

Ion Ratio Lower Upper

167 100

166 19.8 17.4 26.0

139 16.1 13.2 19.8



#74

Di-n-butylphthalate

Concen: 49.010 ng

RT: 18.626 min Scan# 2593

Delta R.T. -0.006 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

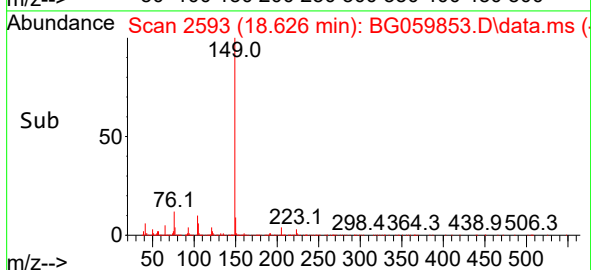
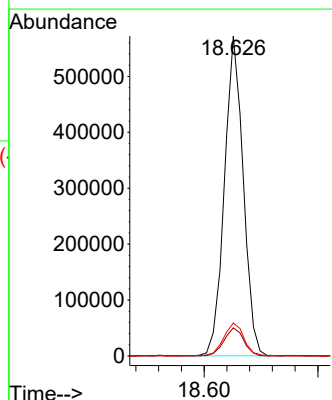
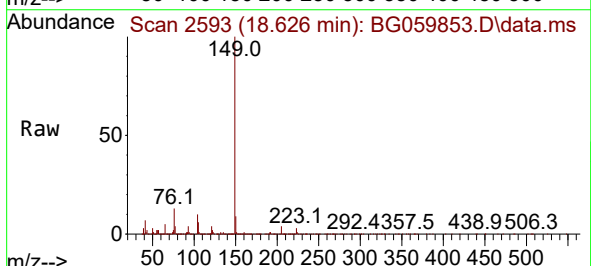
Tgt Ion:149 Resp: 657787

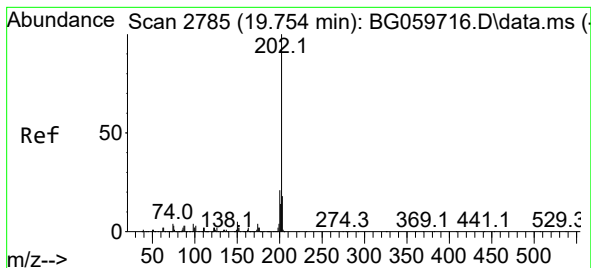
Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

104 10.3 8.6 12.8





#75

Fluoranthene

Concen: 48.018 ng

RT: 19.754 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

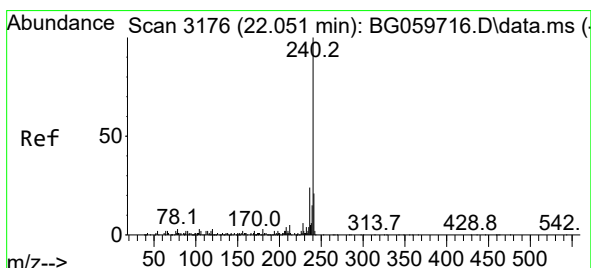
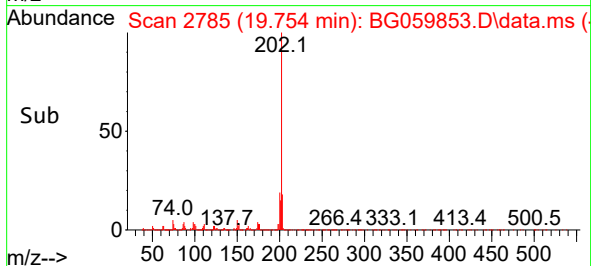
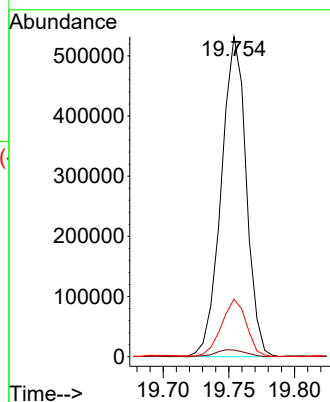
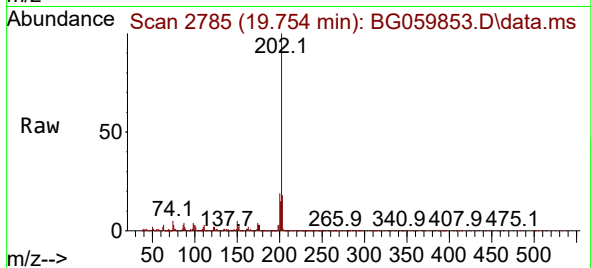
Tgt Ion:202 Resp: 704414

Ion Ratio Lower Upper

202 100

101 2.1 0.0 22.7

203 17.9 0.0 38.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.051 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

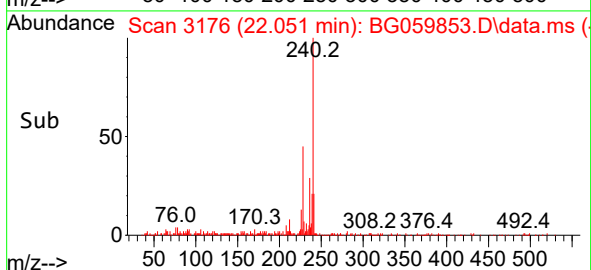
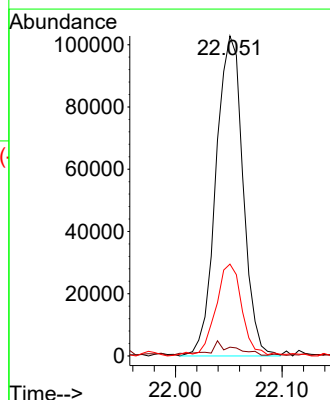
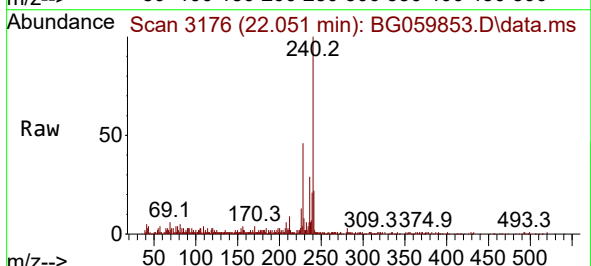
Tgt Ion:240 Resp: 180882

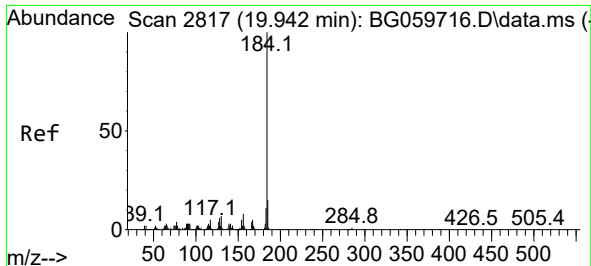
Ion Ratio Lower Upper

240 100

120 2.8 2.2 3.2

236 28.7 19.4 29.2

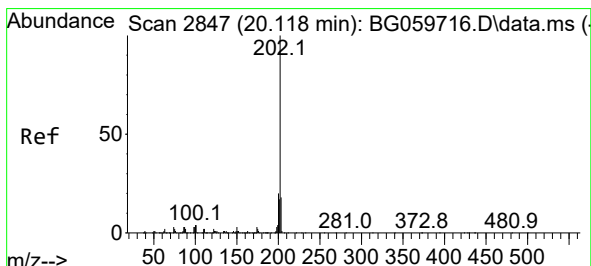
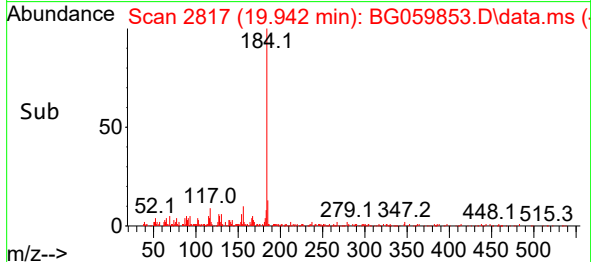
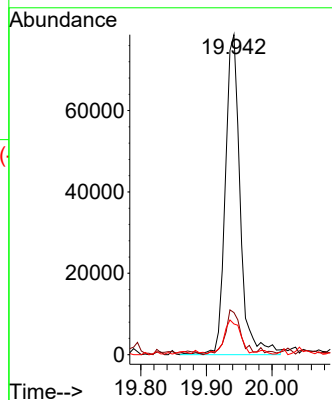
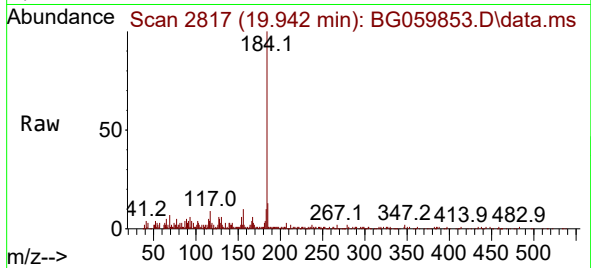




#77
Benzidine
Concen: 30.015 ng
RT: 19.942 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

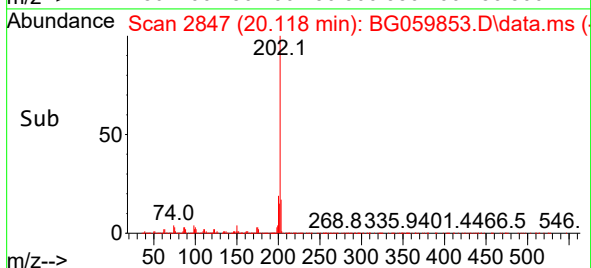
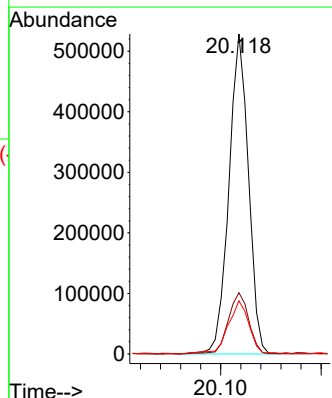
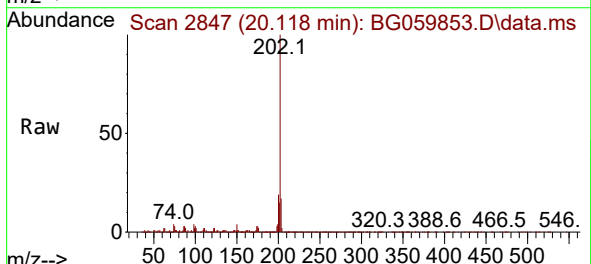
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

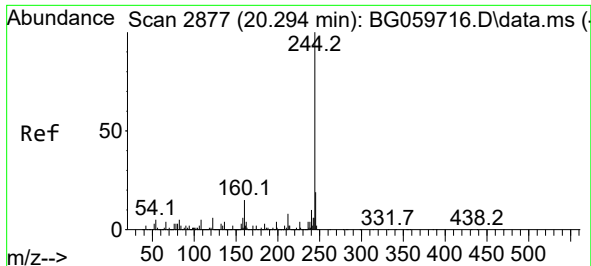
Tgt Ion:184 Resp: 123110
Ion Ratio Lower Upper
184 100
185 13.1 12.2 18.2
183 9.6 8.8 13.2



#78
Pyrene
Concen: 57.908 ng
RT: 20.118 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:202 Resp: 712684
Ion Ratio Lower Upper
202 100
200 19.1 16.2 24.4
203 16.6 14.0 21.0

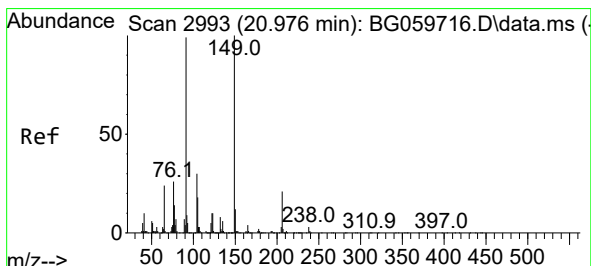
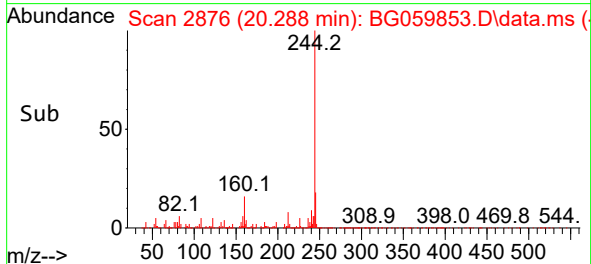
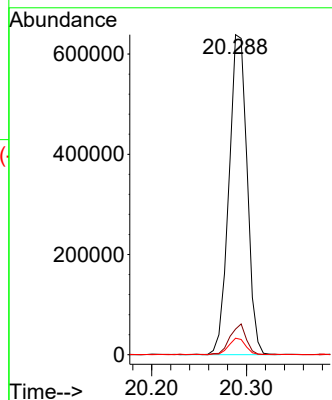
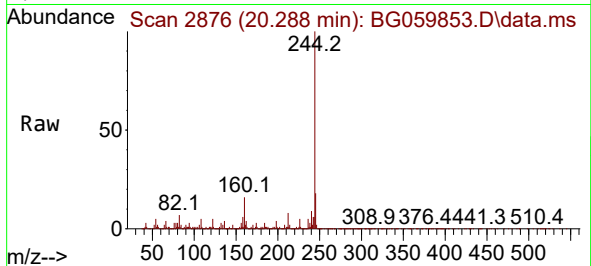




#79
 Terphenyl-d14
 Concen: 69.275 ng
 RT: 20.288 min Scan# 2876
 Delta R.T. -0.006 min
 Lab File: BG059853.D
 Acq: 23 Nov 2023 15:21

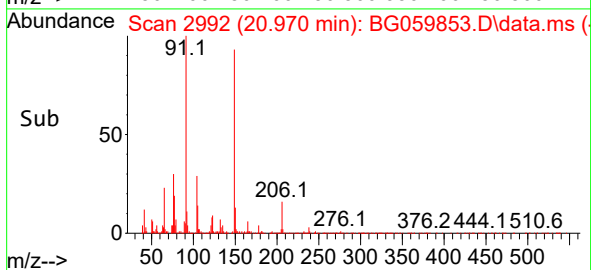
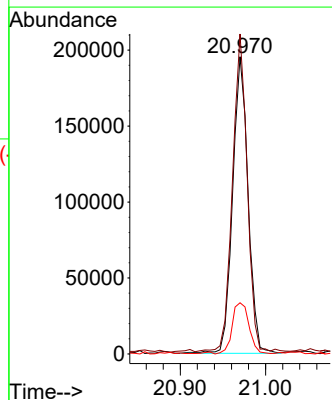
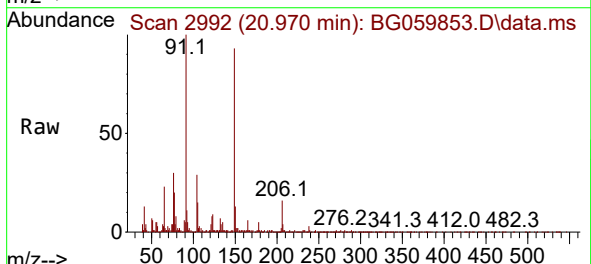
Instrument :
 BNA_G
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5MS

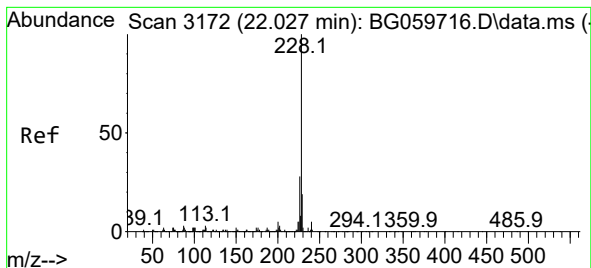
Tgt Ion:244 Resp: 848818
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 10.0
 122 5.1 4.4 6.6



#80
 Butylbenzylphthalate
 Concen: 48.602 ng
 RT: 20.970 min Scan# 2992
 Delta R.T. -0.006 min
 Lab File: BG059853.D
 Acq: 23 Nov 2023 15:21

Tgt Ion:149 Resp: 245270
 Ion Ratio Lower Upper
 149 100
 91 107.6 79.6 119.4
 206 17.2 16.9 25.3





#81

Benzo(a)anthracene

Concen: 53.775 ng

RT: 22.028 min Scan# 3172

Delta R.T. 0.000 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

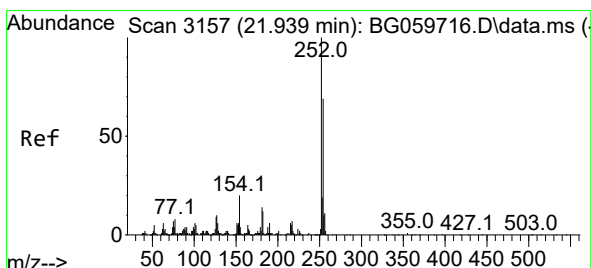
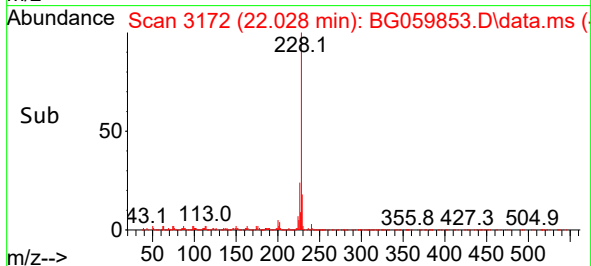
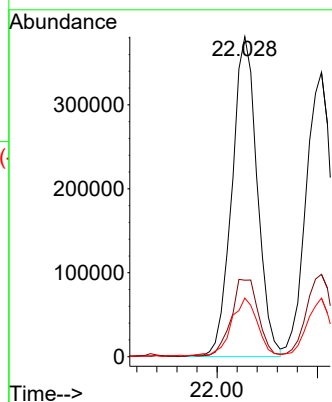
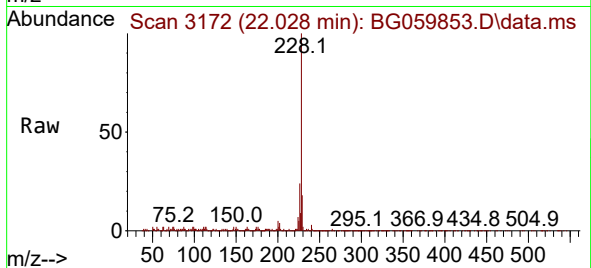
Tgt Ion:228 Resp: 665535

Ion Ratio Lower Upper

228 100

226 23.9 22.1 33.1

229 18.3 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 24.365 ng

RT: 21.934 min Scan# 3156

Delta R.T. -0.006 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

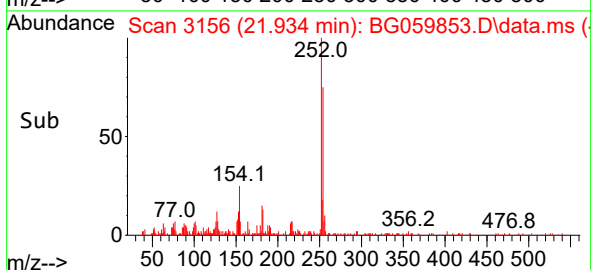
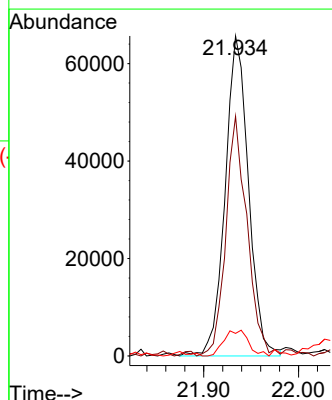
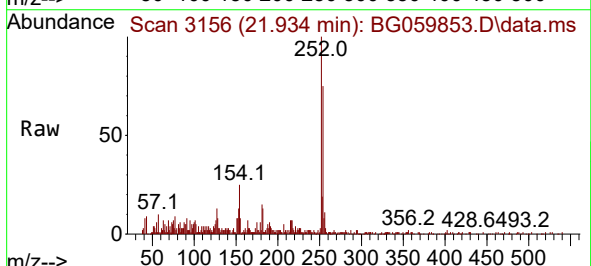
Tgt Ion:252 Resp: 112344

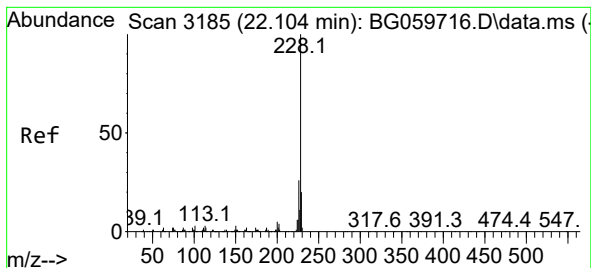
Ion Ratio Lower Upper

252 100

254 74.9 55.2 82.8

126 7.1 7.0 10.6





#83

Chrysene

Concen: 52.320 ng

RT: 22.104 min Scan# 3185

Delta R.T. 0.000 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

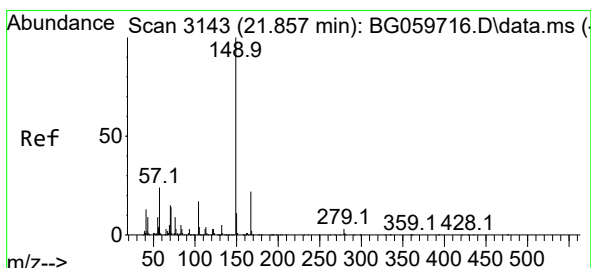
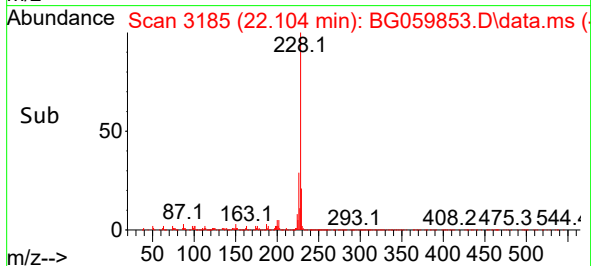
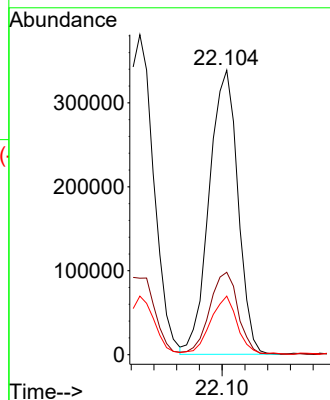
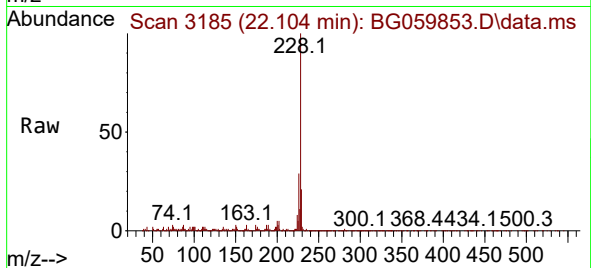
Tgt Ion:228 Resp: 593589

Ion Ratio Lower Upper

228 100

226 28.9 21.1 31.7

229 20.6 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.815 ng

RT: 21.845 min Scan# 3141

Delta R.T. -0.011 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

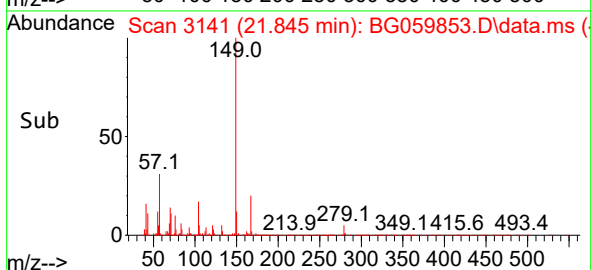
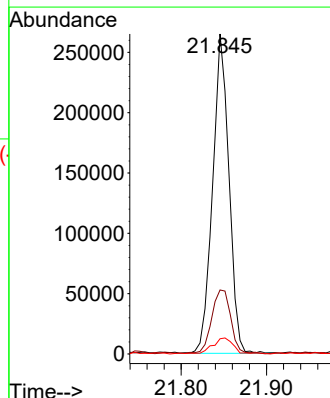
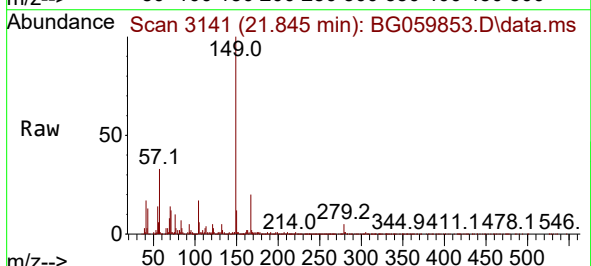
Tgt Ion:149 Resp: 351426

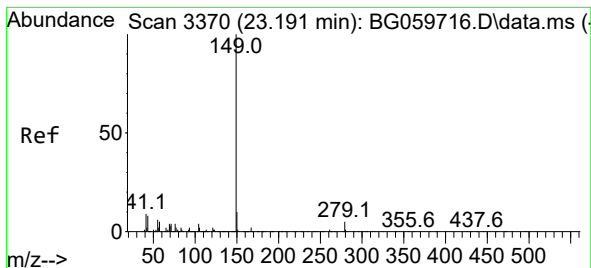
Ion Ratio Lower Upper

149 100

167 20.0 17.6 26.4

279 4.7 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 45.193 ng

RT: 23.185 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

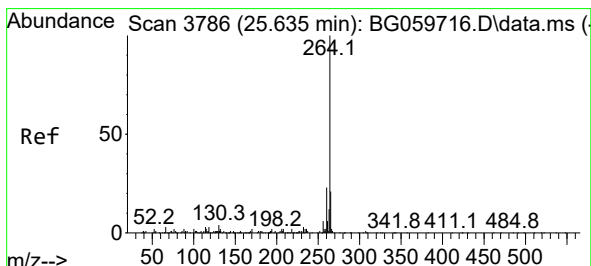
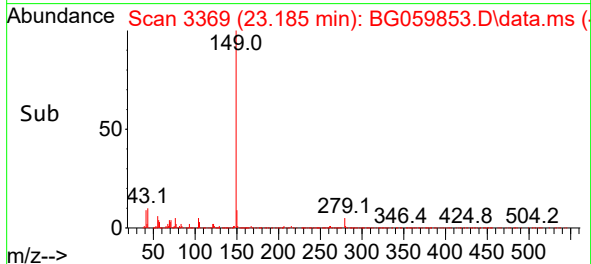
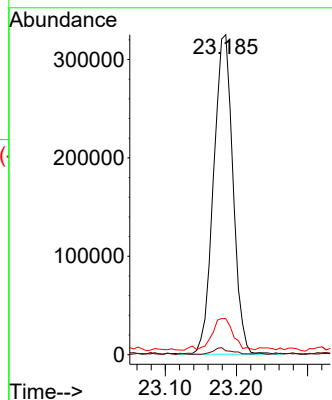
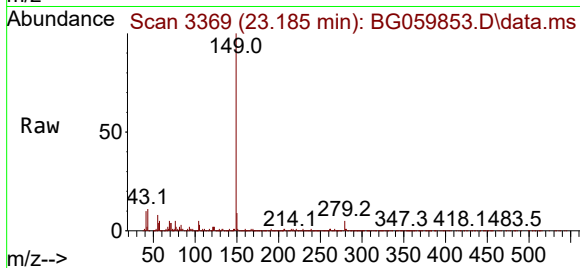
Tgt Ion:149 Resp: 613754

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

43 10.4 6.3 9.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.641 min Scan# 3787

Delta R.T. 0.006 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

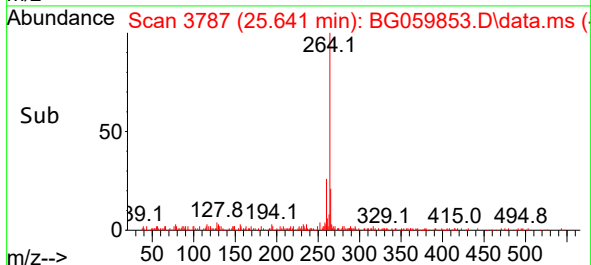
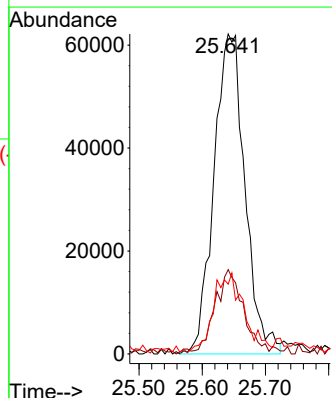
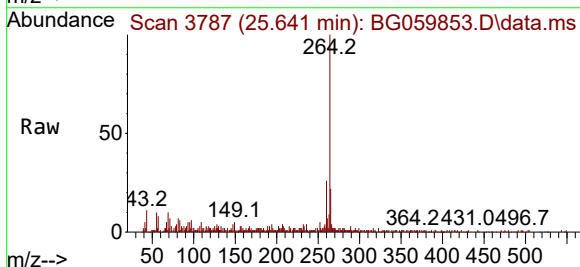
Tgt Ion:264 Resp: 211949

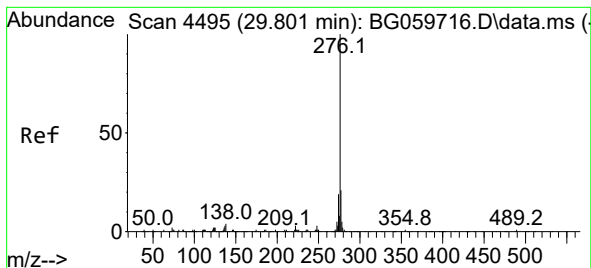
Ion Ratio Lower Upper

264 100

260 26.4 18.5 27.7

265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.571 ng

RT: 29.824 min Scan# 4499

Delta R.T. 0.024 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

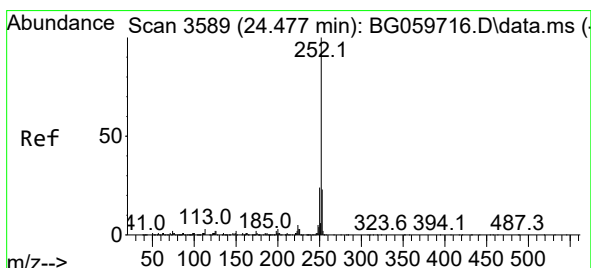
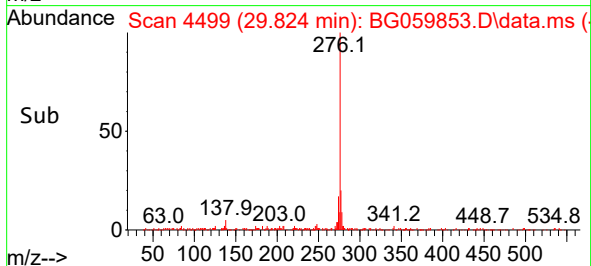
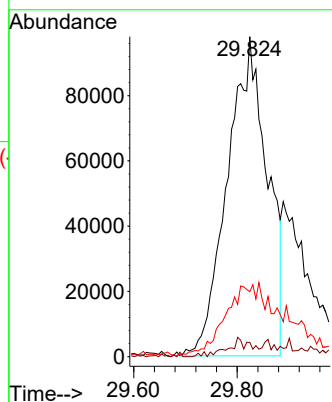
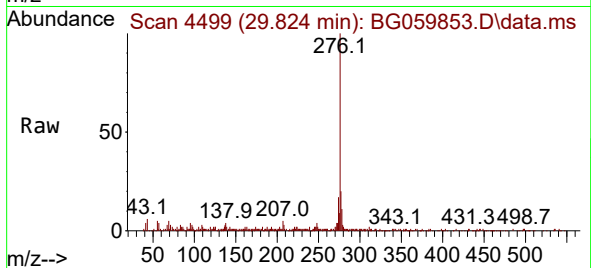
Tgt Ion:276 Resp: 522362

Ion Ratio Lower Upper

276 100

138 0.0 1.8 2.6#

277 0.0 9.8 14.6#



#88

Benzo(b)fluoranthene

Concen: 57.999 ng

RT: 24.478 min Scan# 3589

Delta R.T. 0.000 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

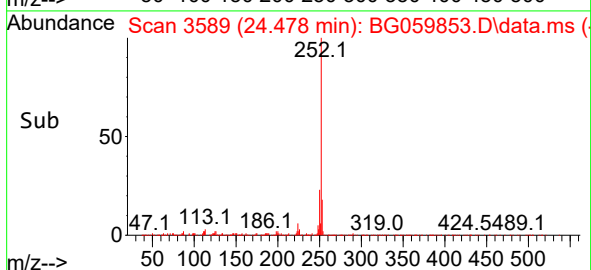
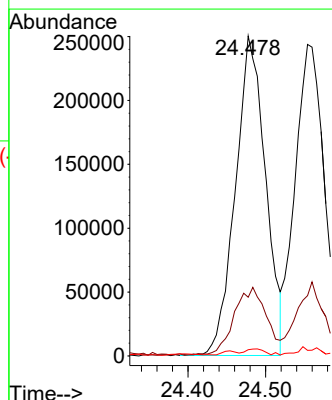
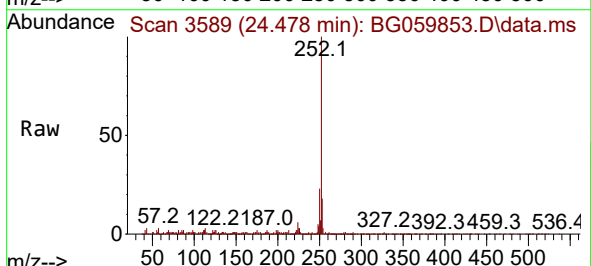
Tgt Ion:252 Resp: 673764

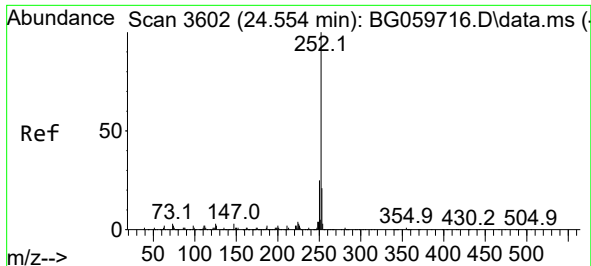
Ion Ratio Lower Upper

252 100

253 18.4 18.3 27.5

125 2.0 1.4 2.0

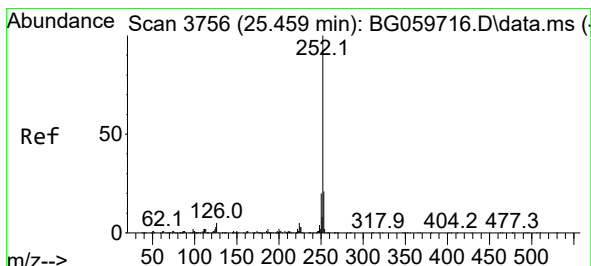
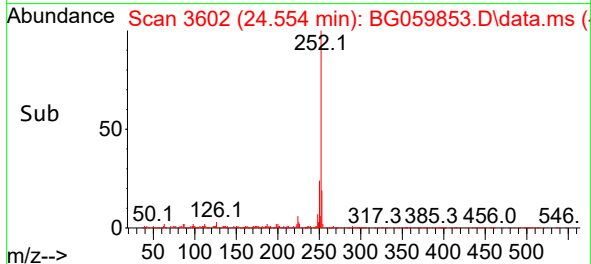
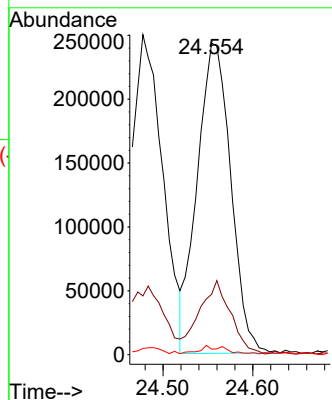
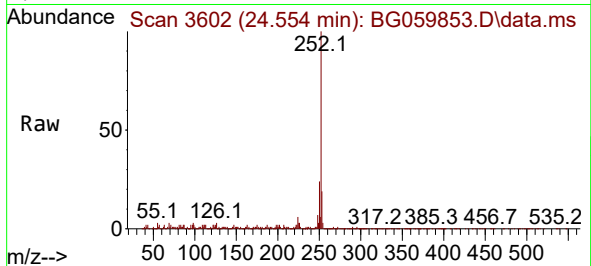




#89
Benzo(k)fluoranthene
Concen: 54.963 ng
RT: 24.554 min Scan# 30
Delta R.T. 0.000 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

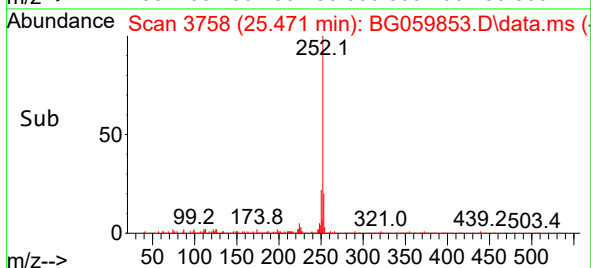
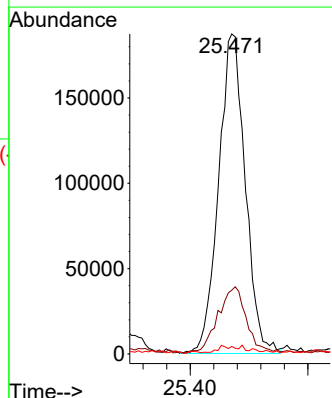
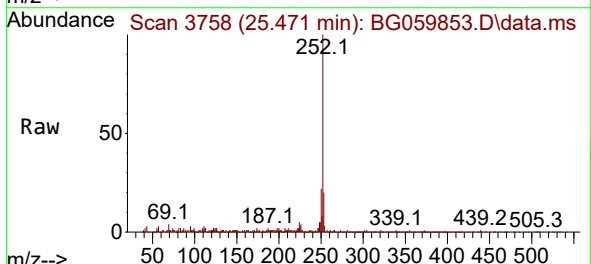
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

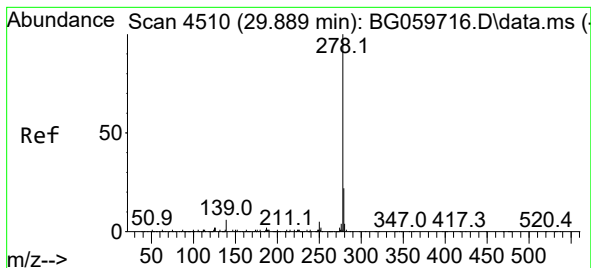
Tgt Ion:252 Resp: 631230
Ion Ratio Lower Upper
252 100
253 19.4 17.1 25.7
125 1.8 2.2 3.2#



#90
Benzo(a)pyrene
Concen: 47.486 ng
RT: 25.471 min Scan# 3758
Delta R.T. 0.012 min
Lab File: BG059853.D
Acq: 23 Nov 2023 15:21

Tgt Ion:252 Resp: 588730
Ion Ratio Lower Upper
252 100
253 19.9 16.8 25.2
125 2.4 2.0 3.0





#91

Dibenzo(a,h)anthracene

Concen: 43.556 ng

RT: 29.901 min Scan# 4

Delta R.T. 0.012 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

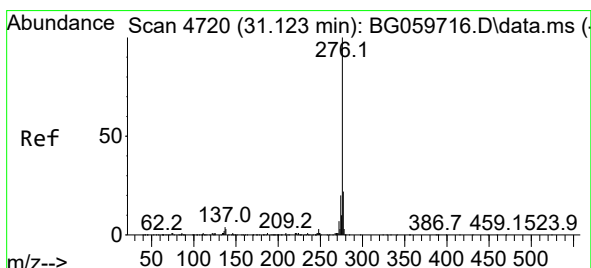
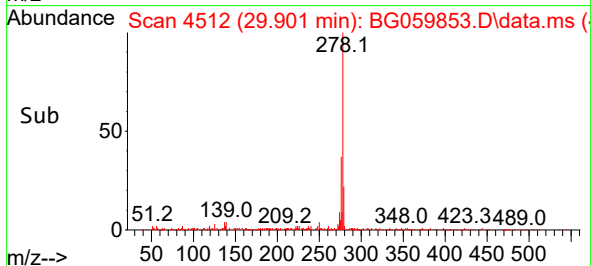
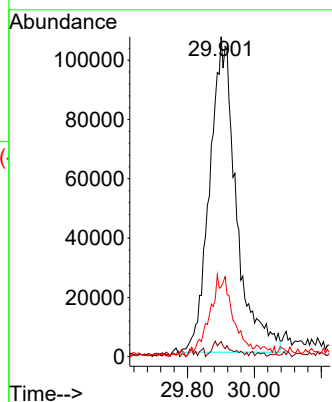
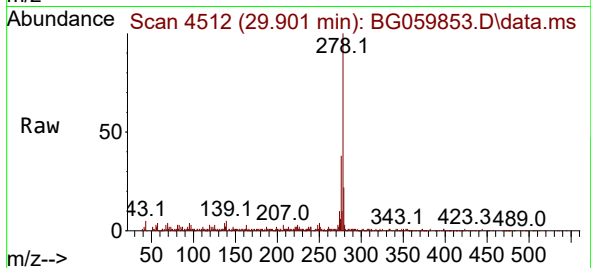
Tgt Ion:278 Resp: 590981

Ion Ratio Lower Upper

278 100

139 4.7 4.6 7.0

279 21.8 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 35.150 ng

RT: 31.158 min Scan# 4726

Delta R.T. 0.036 min

Lab File: BG059853.D

Acq: 23 Nov 2023 15:21

Tgt Ion:276 Resp: 452532

Ion Ratio Lower Upper

276 100

277 24.5 17.3 25.9

138 5.5 2.6 4.0#

