

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
 Data File : BG058924.D
 Acq On : 8 Sep 2023 19:22
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 03:44:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 09 00:11:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.332	152	55308	20.000	ng/ul	0.00
20) Naphthalene-d8	11.175	136	249140	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.959	164	217471	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.709	188	578039	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.033	240	505885	20.000	ng/ul	0.00
88) Perylene-d12	25.611	264	591062	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.643	96	9545	8.278	ng/uL	0.00
4) Pyridine-d5	4.072	84	78962	19.944	ng/ul	0.00
7) Phenol-d5	7.439	99	103330	18.836	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.650	67	62160	20.030	ng/ul	0.00
11) 2-Chlorophenol-d4	7.844	132	66557	20.340	ng/ul	0.00
15) 4-Methylphenol-d8	9.013	113	81956	19.277	ng/ul	0.00
21) Nitrobenzene-d5	9.524	128	35129	23.938	ng/ul	0.00
24) 2-Nitrophenol-d4	10.247	143	37256	23.175	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.770	165	97852	20.980	ng/ul	0.00
31) 4-Chloroaniline-d4	11.316	131	117466	19.634	ng/ul	0.00
46) Dimethylphthalate-d6	14.354	166	343915	20.486	ng/ul	0.00
49) Acenaphthylene-d8	14.660	160	382085	21.057	ng/ul	0.00
54) 4-Nitrophenol-d4	15.124	143	46710	21.060	ng/ul	0.00
60) Fluorene-d10	15.946	176	319280	20.179	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.046	200	55896	21.240	ng/ul	0.00
73) Anthracene-d10	17.803	188	539522	20.518	ng/ul	0.00
81) Pyrene-d10	20.077	212	559026	19.054	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.359	264	609015	20.917	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.678	88	10184	7.252	ng/uL	96
5) Pyridine	4.096	79	81402	19.531	ng/ul#	88
6) Benzaldehyde	7.474	77	69689	21.552	ng/ul	92
8) Phenol	7.468	94	108039	18.886	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.750	93	85021	20.039	ng/ul	90
12) 2-Chlorophenol	7.879	128	65835	19.955	ng/ul#	93
13) 2-Methylphenol	8.749	108	81461	19.018	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.837	45	57409	11.757	ng/ul#	92
16) Acetophenone	9.178	105	150662	19.874	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.143	70	82905	20.910	ng/ul#	97
18) 4-Methylphenol	9.078	108	93159	19.875	ng/ul	99
19) Hexachloroethane	9.419	117	26634	19.779	ng/ul	93
22) Nitrobenzene	9.571	77	109689	21.855	ng/ul	97
23) Isophorone	10.083	82	240714	19.223	ng/ul	99
25) 2-Nitrophenol	10.282	139	40835	23.549	ng/ul#	82
26) 2,4-Dimethylphenol	10.300	107	107268	19.897	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.564	93	124176	19.149	ng/ul#	87
29) 2,4-Dichlorophenol	10.799	162	89651	20.279	ng/ul	96
30) Naphthalene	11.228	128	257837	19.158	ng/ul	95
32) 4-Chloroaniline	11.346	127	113312	19.969	ng/ul	94
33) Hexachlorobutadiene	11.463	225	82263	19.000	ng/ul	95
34) Caprolactam	12.133	113	14680	10.038	ng/ul	84
35) 4-Chloro-3-methylphenol	12.403	107	101571	19.555	ng/ul	95
36) 2-Methylnaphthalene	12.809	142	197244	19.360	ng/ul	97

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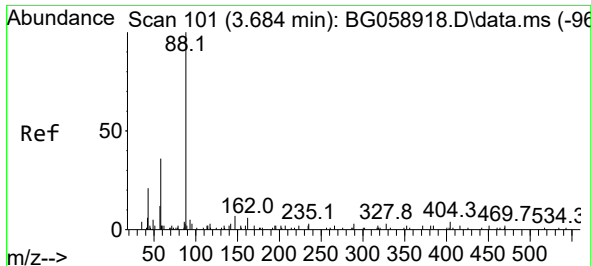
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.020	142	208941	20.050	ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	13.150	216	168386	20.751	ng/ul	95
40) Hexachlorocyclopentadiene	13.103	237	103025	17.641	ng/ul	99
41) 2,4,6-Trichlorophenol	13.385	196	103652	21.982	ng/ul	98
42) 2,4,5-Trichlorophenol	13.449	196	113707	22.491	ng/ul	97
43) 1,1'-Biphenyl	13.796	154	306931	20.743	ng/ul	95
44) 2-Chloronaphthalene	13.849	162	240006	20.337	ng/ul	97
45) 2-Nitroaniline	14.054	65	67516	25.874	ng/ul	91
47) Dimethylphthalate	14.401	163	351761	20.609	ng/ul	99
48) 2,6-Dinitrotoluene	14.542	165	59120	24.404	ng/ul	98
50) Acenaphthylene	14.689	152	416185	20.553	ng/ul	96
51) 3-Nitroaniline	14.877	138	54140	22.178	ng/ul	96
52) Acenaphthene	15.024	153	266567	20.219	ng/ul	96
53) 2,4-Dinitrophenol	15.071	184	37265	18.184	ng/ul	92
55) 4-Nitrophenol	15.136	109	61317	22.104	ng/ul	91
56) Dibenzofuran	15.353	168	398392	20.242	ng/ul	98
57) 2,4-Dinitrotoluene	15.312	165	81723	23.385	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.559	232	117438	21.986	ng/ul#	99
59) Diethylphthalate	15.752	149	310924	20.269	ng/ul	97
61) Fluorene	15.999	166	337731	20.213	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.987	204	204964	20.448	ng/ul	90
63) 4-Nitroaniline	16.034	138	51328	22.597	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	16.064	198	59758	21.629	ng/ul#	91
67) N-Nitrosodiphenylamine	16.205	169	297075	20.898	ng/ul	96
68) 4-Bromophenyl-phenylether	16.886	248	149078	21.239	ng/ul	93
69) Hexachlorobenzene	16.975	284	163409	20.175	ng/ul	95
70) Atrazine	17.139	200	120850	21.175	ng/ul	97
71) Pentachlorophenol	17.321	266	97334	19.566	ng/ul#	87
72) Phenanthrene	17.750	178	574781	20.482	ng/ul	98
74) Anthracene	17.844	178	598567	20.892	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.755	216	180910	21.553	ng/uL#	93
76) Pentachlorobenzene	15.247	250	176091	20.816	ng/uL	100
77) Carbazole	18.114	167	454567	20.903	ng/ul	100
78) Di-n-butylphthalate	18.631	149	411599	21.054	ng/ul	97
80) Fluoranthene	19.742	202	672701	18.866	ng/ul	99
82) Pyrene	20.106	202	675249	18.906	ng/ul#	98
83) Butylbenzylphthalate	20.976	149	153097	24.722	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.922	252	250297	22.652	ng/ul	99
85) Benzo(a)anthracene	22.010	228	704077	20.442	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.869	149	229258	23.732	ng/ul	97
87) Chrysene	22.086	228	663613	20.568	ng/ul	96
89) Di-n-octyl phthalate	23.220	149	394785	21.388	ng/ul	100
90) Benzo(b)fluoranthene	24.448	252	725787	20.390	ng/ul	99
91) Benzo(k)fluoranthene	24.530	252	731955	20.437	ng/ul	94
93) Benzo(a)pyrene	25.441	252	683217	20.514	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.736	276	314350	7.571	ng/ul	98
95) Dibenzo(a,h)anthracene	29.842	278	381269	11.292	ng/ul	98
96) Benzo(g,h,i)perylene	31.058	276	377358	11.447	ng/ul#	97

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

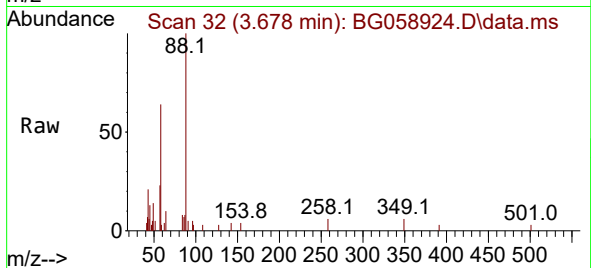
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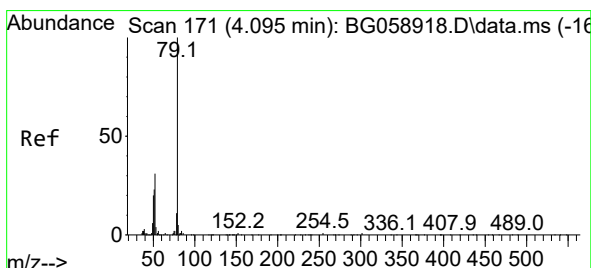
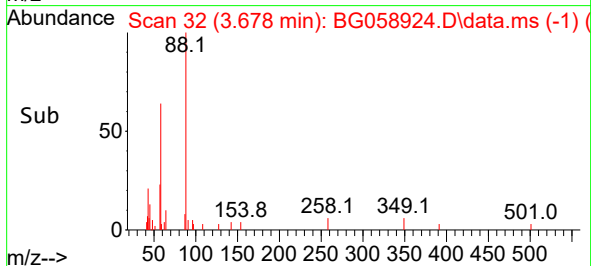
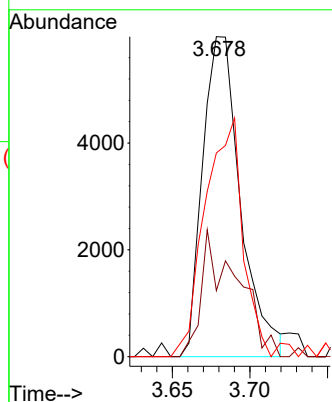


#2
1,4-Dioxane
Concen: 7.252 ng/uL
RT: 3.678 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Instrument :
BNA_F
ClientSampleId :

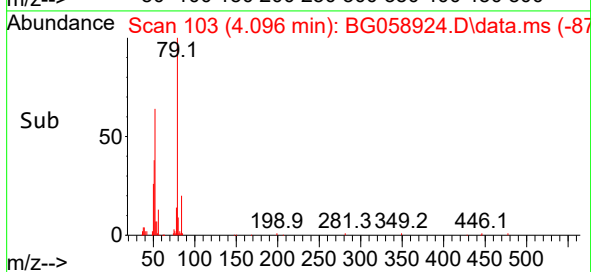
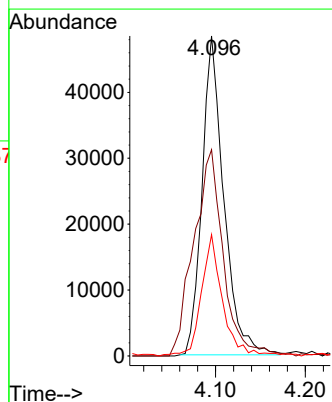
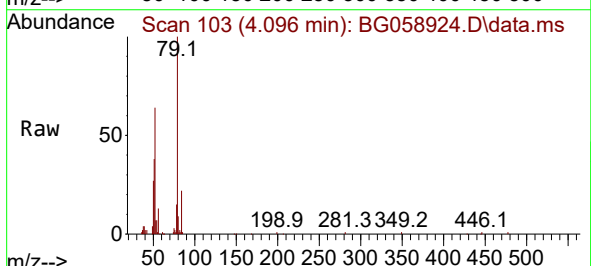


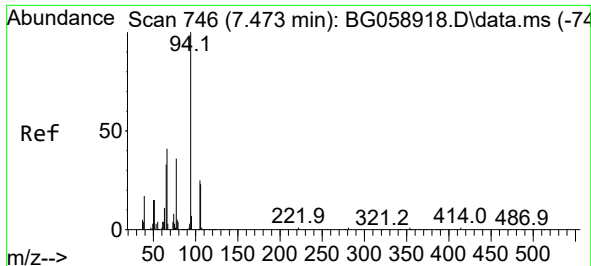
Tgt Ion: 88 Resp: 10184
Ion Ratio Lower Upper
88 100
43 20.6 19.8 29.8
58 63.6 49.9 74.9



#5
Pyridine
Concen: 19.531 ng/uL
RT: 4.096 min Scan# 103
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

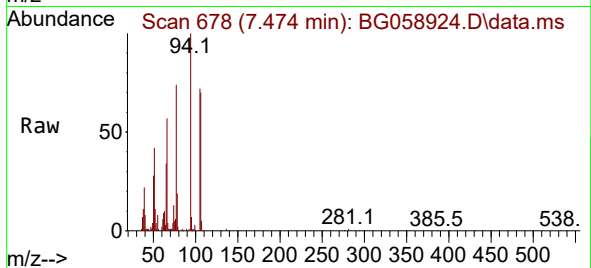
Tgt Ion: 79 Resp: 81402
Ion Ratio Lower Upper
79 100
52 64.4 45.7 68.5
51 37.9 23.8 35.6#



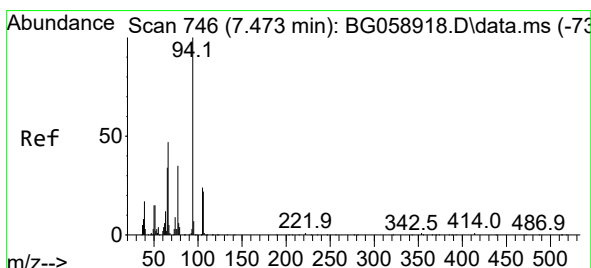
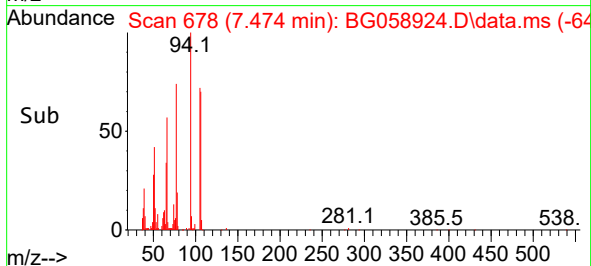
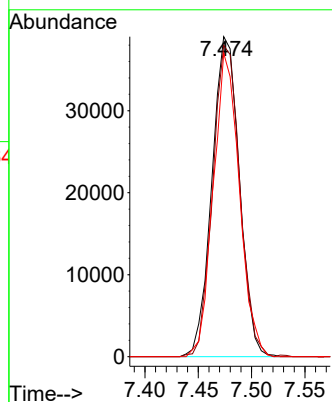


#6
Benzaldehyde
Concen: 21.552 ng/ul
RT: 7.474 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Instrument :
BNA_F
ClientSampleId :

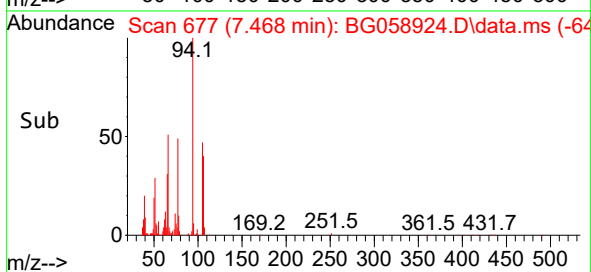
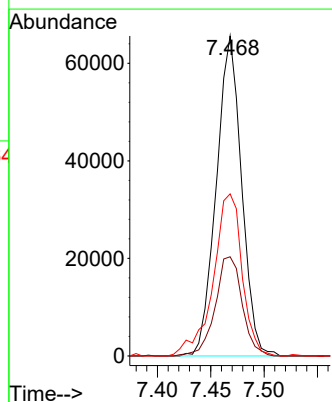
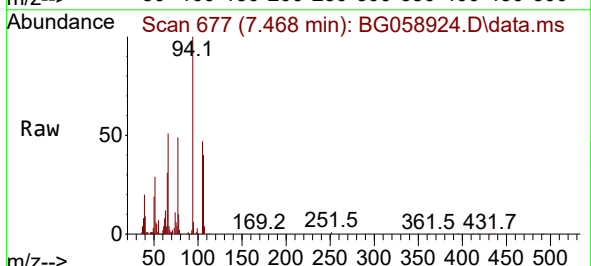


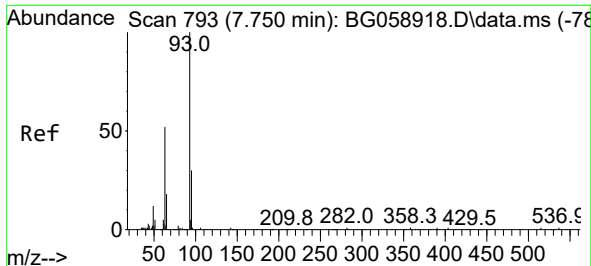
Tgt Ion: 77 Resp: 69689
Ion Ratio Lower Upper
77 100
105 97.3 74.3 111.5
106 94.8 67.7 101.5



#8
Phenol
Concen: 18.886 ng/ul
RT: 7.468 min Scan# 677
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion: 94 Resp: 108039
Ion Ratio Lower Upper
94 100
65 31.0 22.4 33.6
66 50.6 38.0 57.0

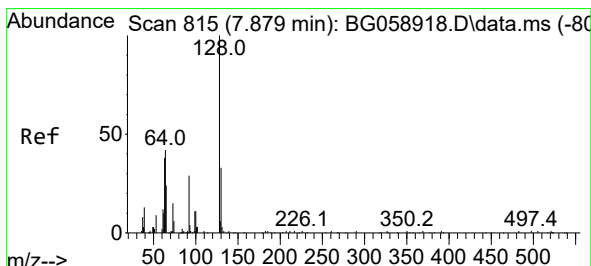
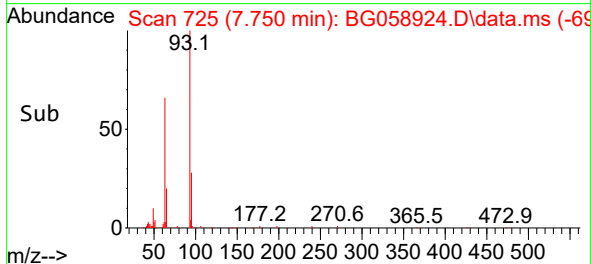
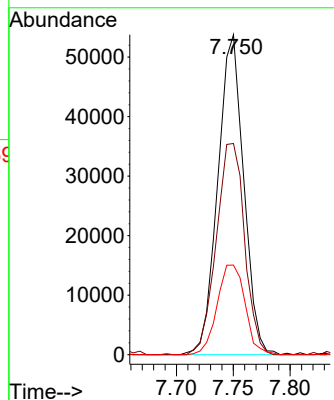
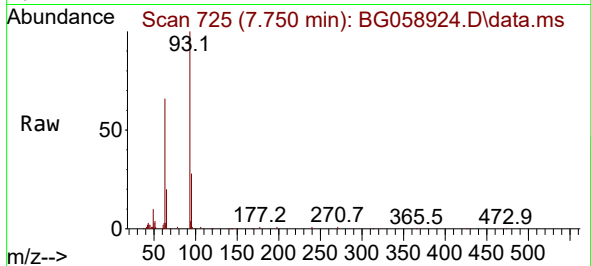




#10
Bis(2-Chloroethyl)ether
Concen: 20.039 ng/ul
RT: 7.750 min Scan# 710
Delta R.T. 0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

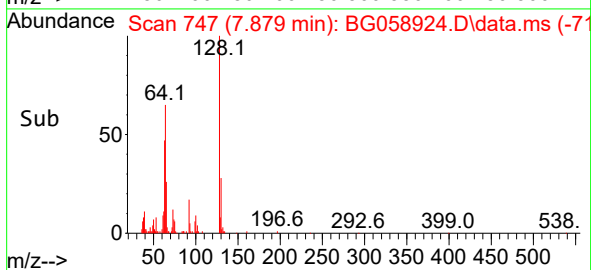
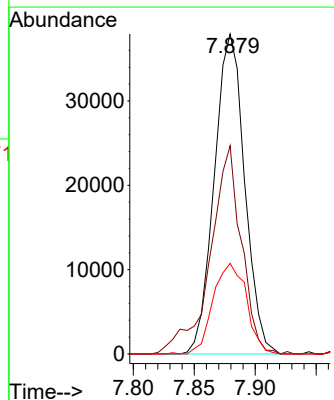
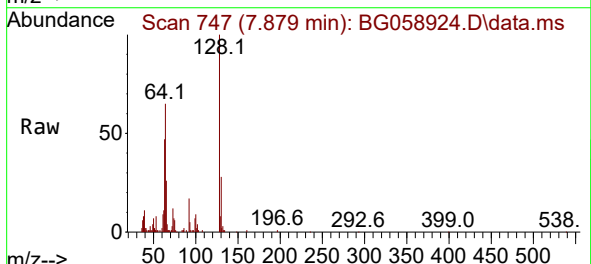
Instrument :
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ClientSampleId :

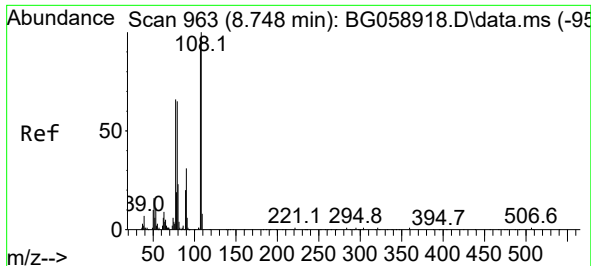
Tgt Ion: 93 Resp: 85021
Ion Ratio Lower Upper
93 100
63 66.0 61.8 92.6
95 28.0 23.9 35.9



#12
2-Chlorophenol
Concen: 19.955 ng/ul
RT: 7.879 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:128 Resp: 65835
Ion Ratio Lower Upper
128 100
64 65.1 50.0 75.0
130 28.3 29.4 44.2#





#13

2-Methylphenol

Concen: 19.018 ng/ul

RT: 8.749 min Scan# 895

Delta R.T. 0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

Instrument :

BNA_F

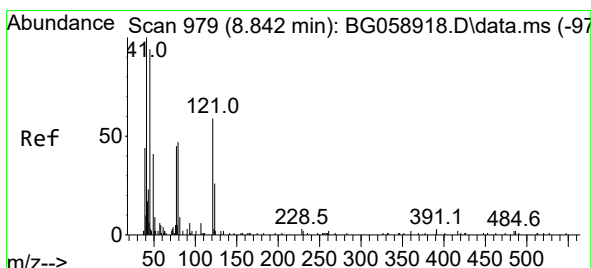
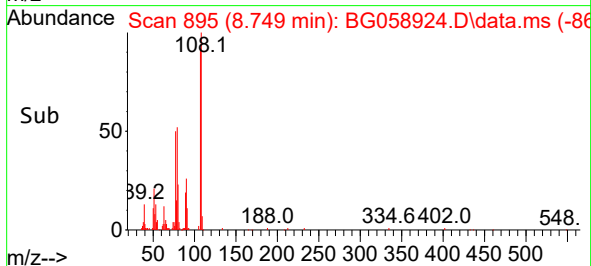
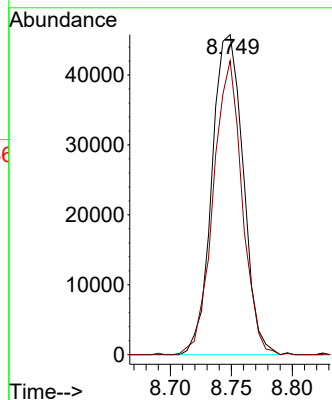
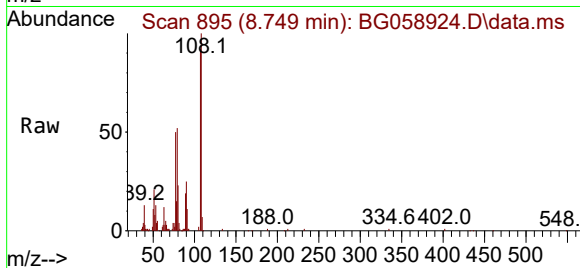
ClientSampleId :

Tgt Ion:108 Resp: 81461

Ion Ratio Lower Upper

108 100

107 91.8 68.7 103.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 11.757 ng/ul

RT: 8.837 min Scan# 910

Delta R.T. -0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

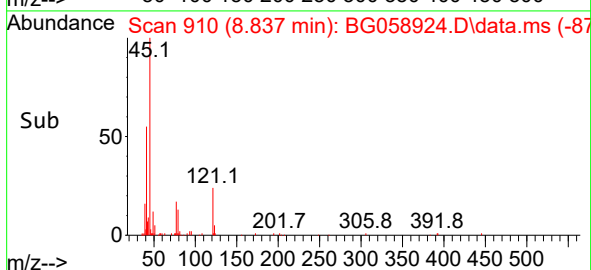
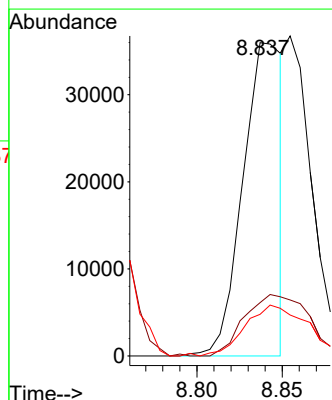
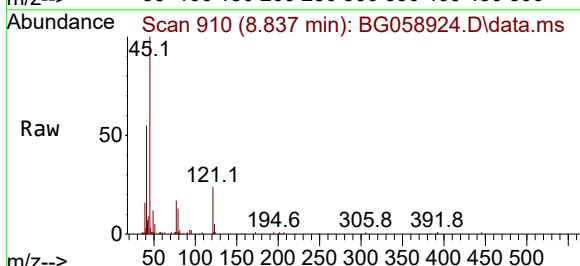
Tgt Ion: 45 Resp: 57409

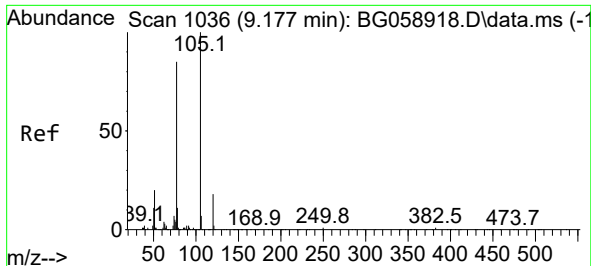
Ion Ratio Lower Upper

45 100

77 17.0 17.8 26.8#

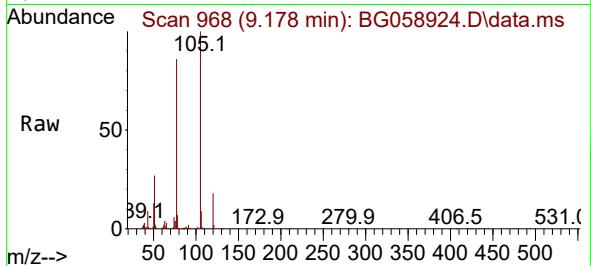
79 13.3 11.9 17.9



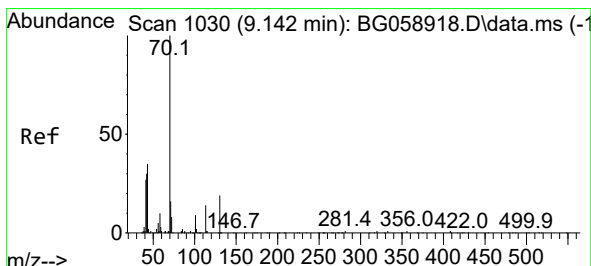
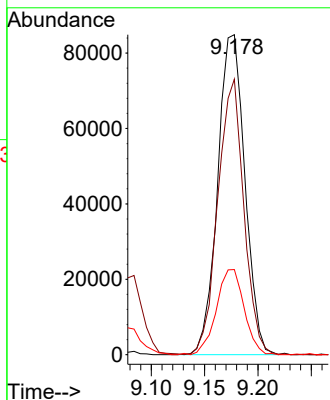
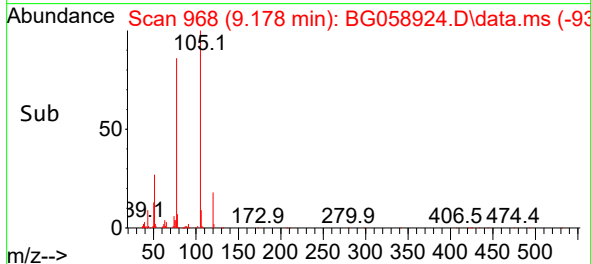


#16
Acetophenone
Concen: 19.874 ng/ul
RT: 9.178 min Scan# 901
Delta R.T. 0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Instrument :
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ClientSampleId :

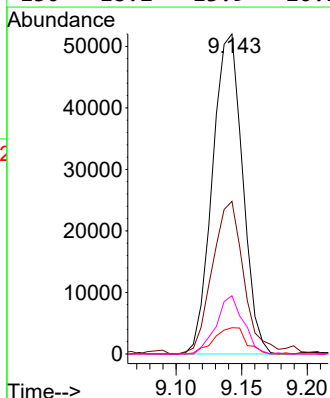
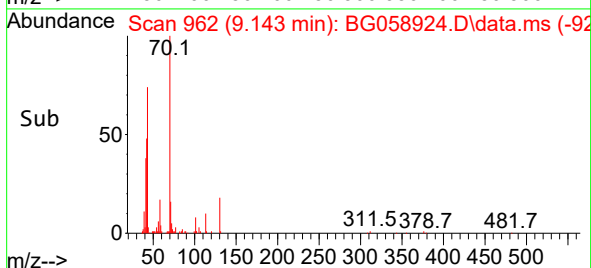
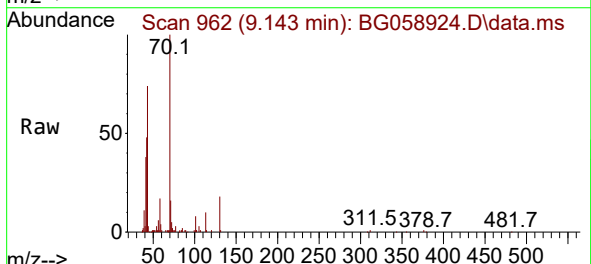


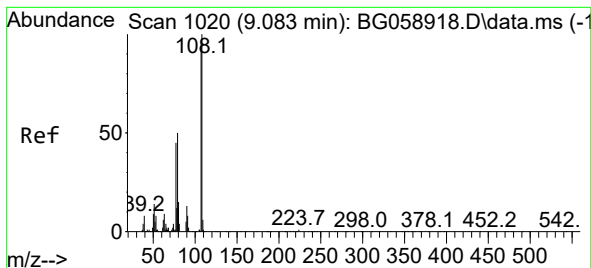
Tgt Ion:105 Resp: 150662
Ion Ratio Lower Upper
105 100
77 86.1 66.0 99.0
51 26.6 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 20.910 ng/ul
RT: 9.143 min Scan# 962
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion: 70 Resp: 82905
Ion Ratio Lower Upper
70 100
42 47.7 39.4 59.0
101 8.2 8.6 12.8#
130 18.2 13.9 20.9

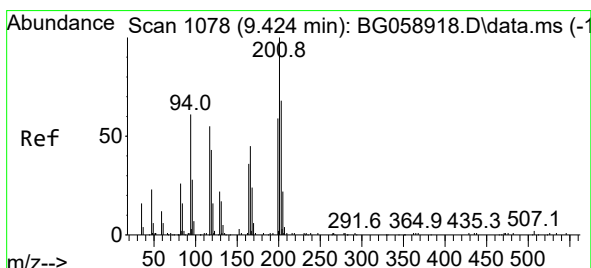
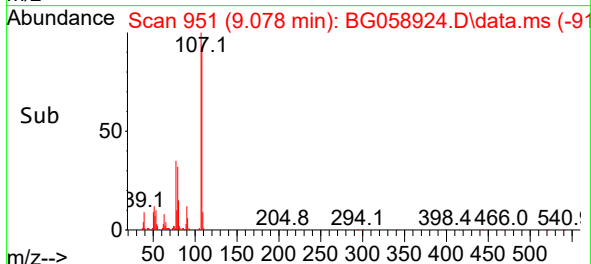
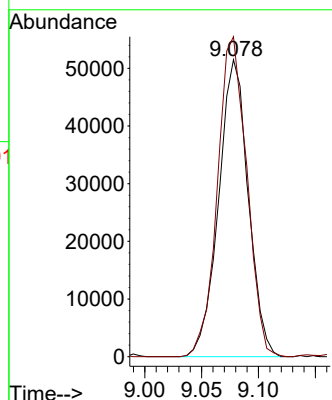
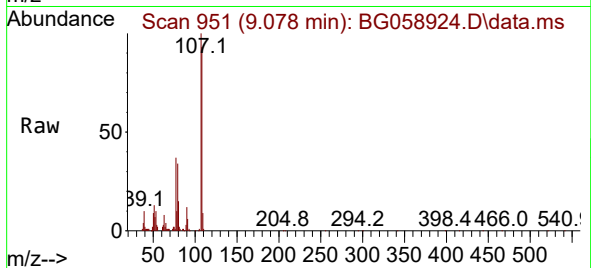




#18
4-Methylphenol
Concen: 19.875 ng/ul
RT: 9.078 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

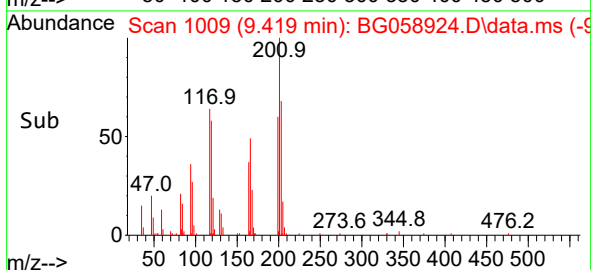
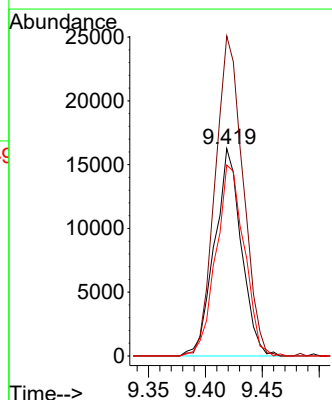
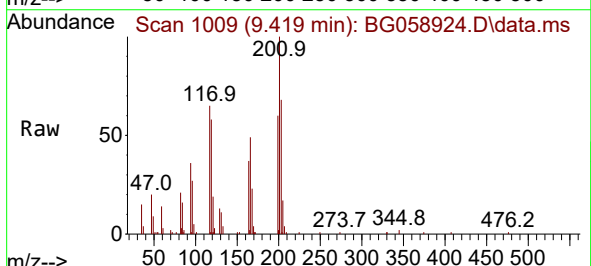
Instrument :
BNA_F
ClientSampleId :

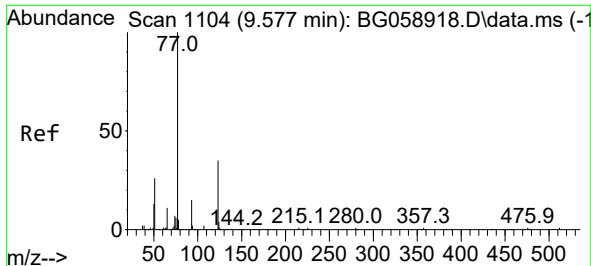
Tgt Ion:108 Resp: 93159
Ion Ratio Lower Upper
108 100
107 107.8 86.8 130.2



#19
Hexachloroethane
Concen: 19.779 ng/ul
RT: 9.419 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:117 Resp: 26634
Ion Ratio Lower Upper
117 100
201 152.8 116.2 174.4
199 93.7 82.2 123.2

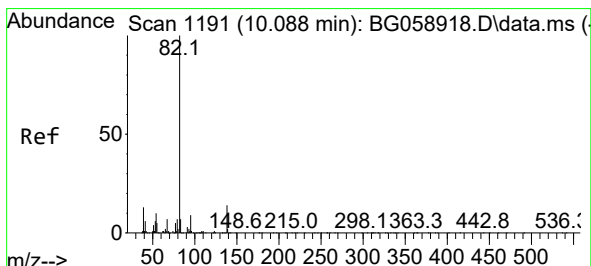
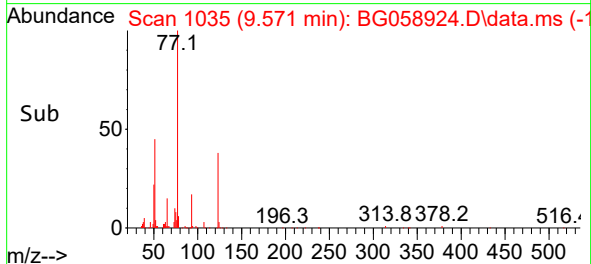
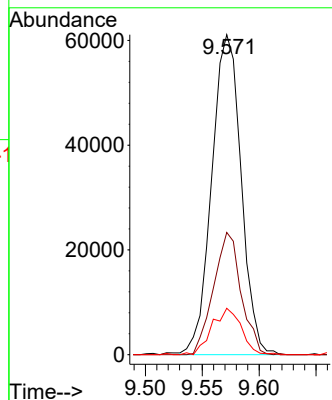
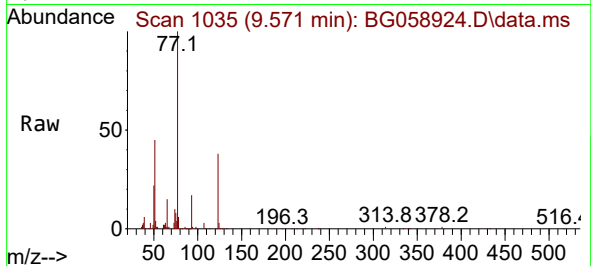




#22
Nitrobenzene
Concen: 21.855 ng/ul
RT: 9.571 min Scan# 1096
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

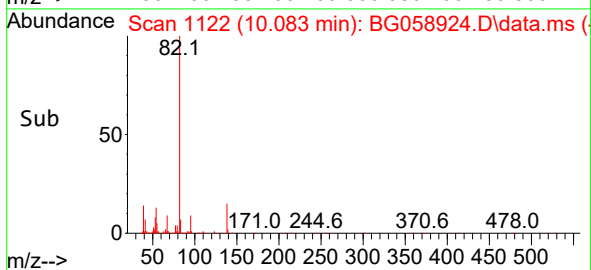
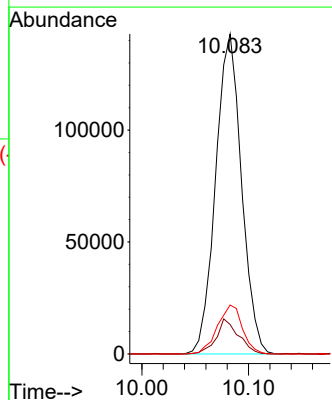
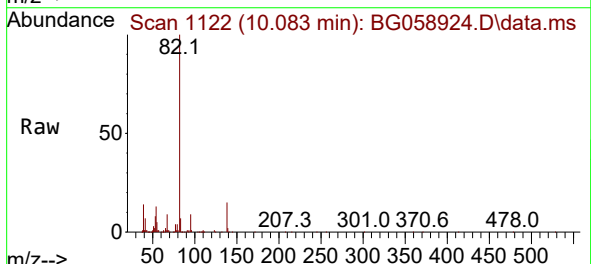
Instrument :
BNA_F
ClientSampleId :

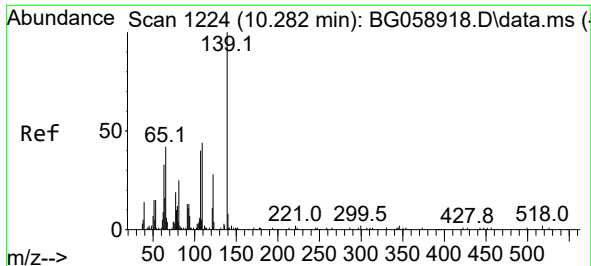
Tgt Ion: 77 Resp: 109689
Ion Ratio Lower Upper
77 100
123 38.2 29.4 44.2
65 14.5 10.0 15.0



#23
Isophorone
Concen: 19.223 ng/ul
RT: 10.083 min Scan# 1122
Delta R.T. 0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion: 82 Resp: 240714
Ion Ratio Lower Upper
82 100
95 9.2 6.6 10.0
138 15.3 12.3 18.5

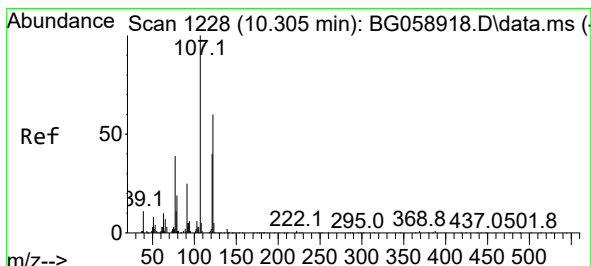
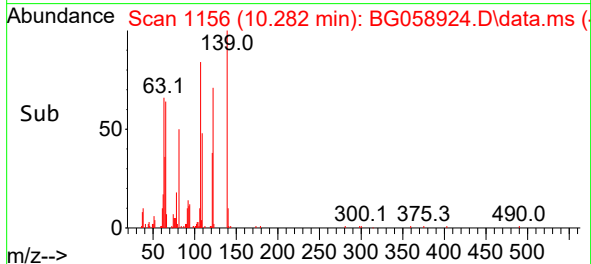
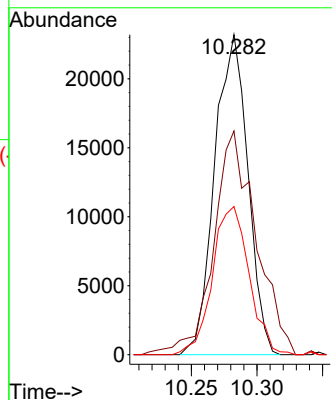
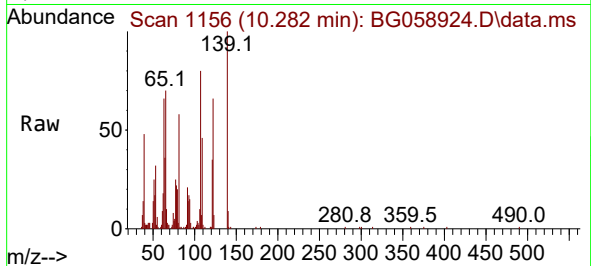




#25
2-Nitrophenol
Concen: 23.549 ng/ul
RT: 10.282 min Scan# 1156
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

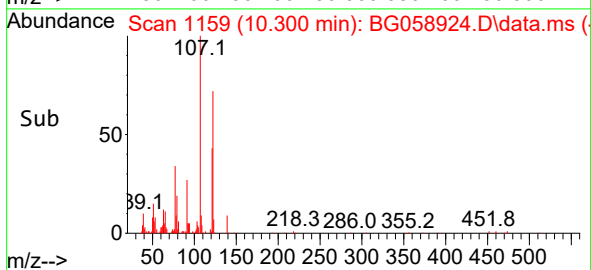
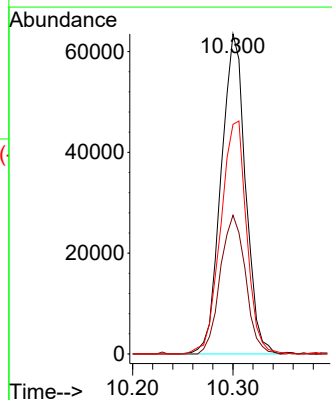
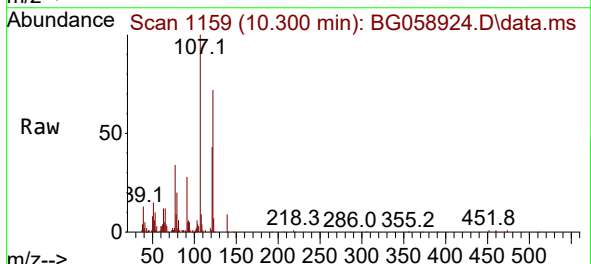
Instrument :
BNA_F
ClientSampleId :

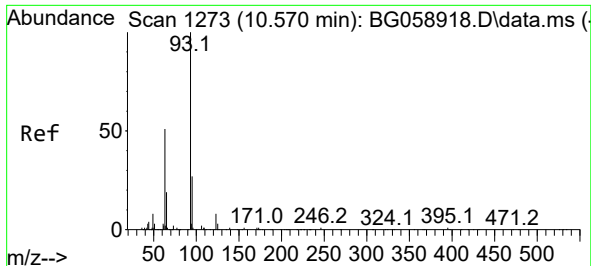
Tgt Ion:139 Resp: 40835
Ion Ratio Lower Upper
139 100
65 69.9 47.8 71.8
109 46.3 25.0 37.6#



#26
2,4-Dimethylphenol
Concen: 19.897 ng/ul
RT: 10.300 min Scan# 1159
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:107 Resp: 107268
Ion Ratio Lower Upper
107 100
121 43.3 39.4 59.2
122 71.8 67.3 100.9

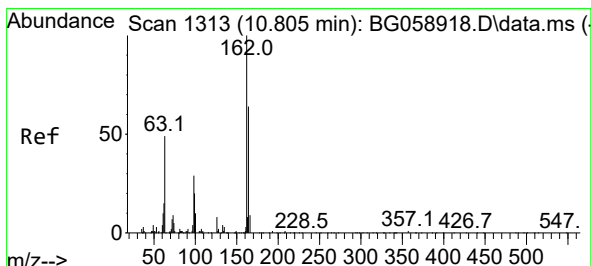
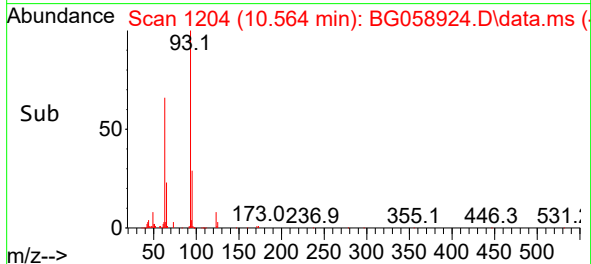
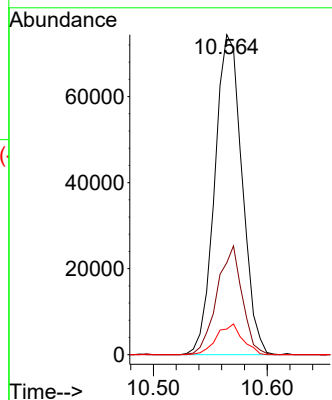
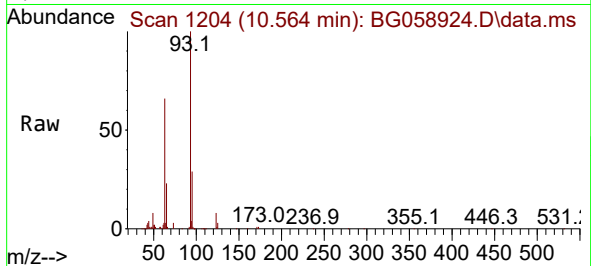




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.149 ng/ul
 RT: 10.564 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BG058924.D
 Acq: 8 Sep 2023 19:22

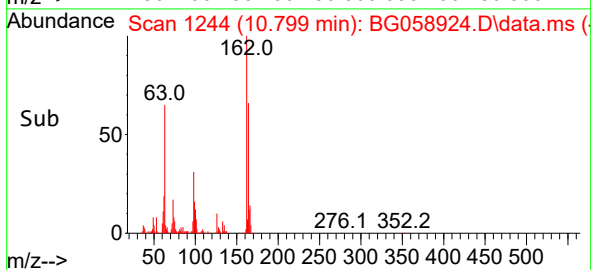
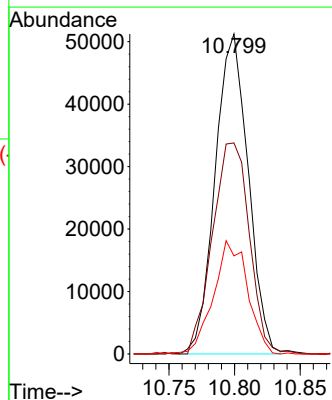
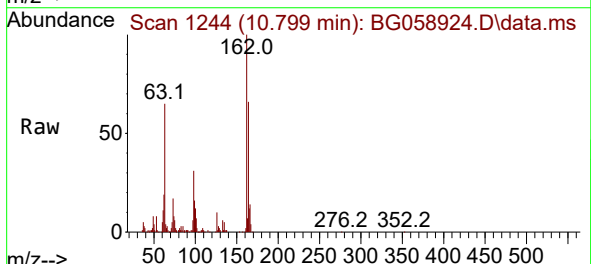
Instrument :
 BNA_F
 ClientSampleId :

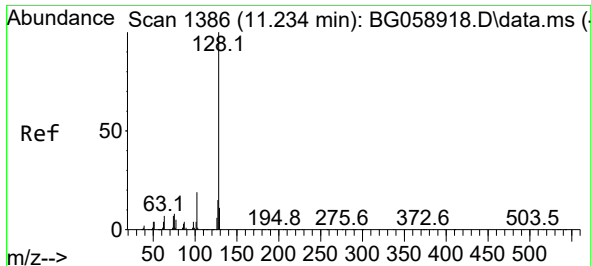
Tgt Ion: 93 Resp: 124176
 Ion Ratio Lower Upper
 93 100
 95 28.7 29.8 44.6#
 123 8.0 9.1 13.7#



#29
 2,4-Dichlorophenol
 Concen: 20.279 ng/ul
 RT: 10.799 min Scan# 1244
 Delta R.T. -0.003 min
 Lab File: BG058924.D
 Acq: 8 Sep 2023 19:22

Tgt Ion:162 Resp: 89651
 Ion Ratio Lower Upper
 162 100
 164 65.9 50.0 75.0
 98 30.6 26.3 39.5

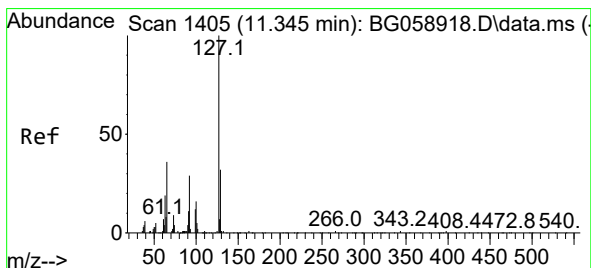
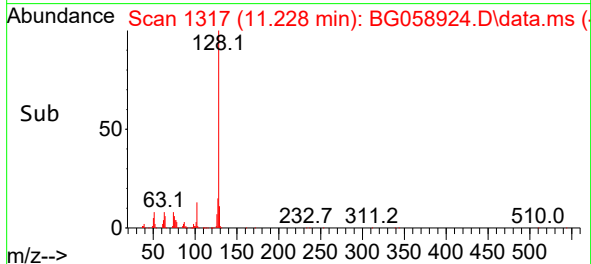
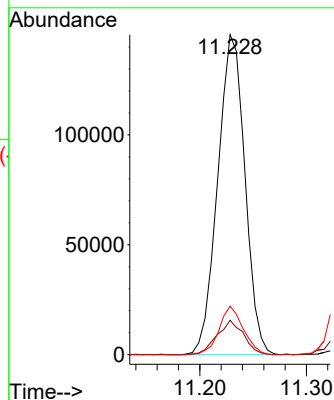
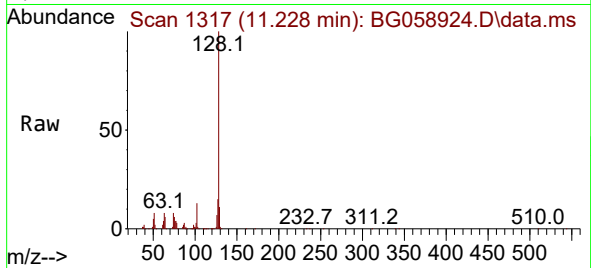




#30
Naphthalene
Concen: 19.158 ng/ul
RT: 11.228 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

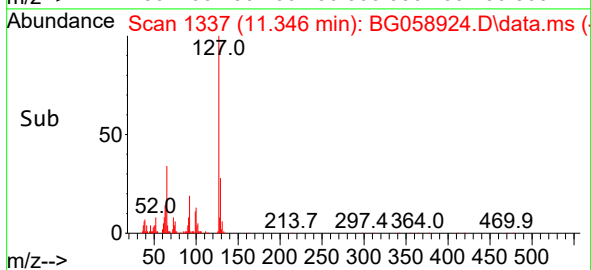
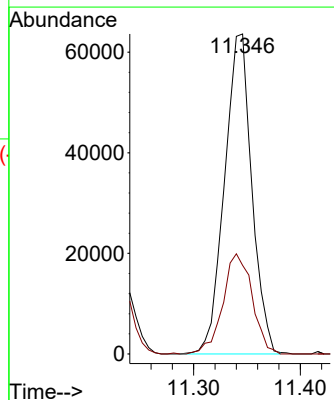
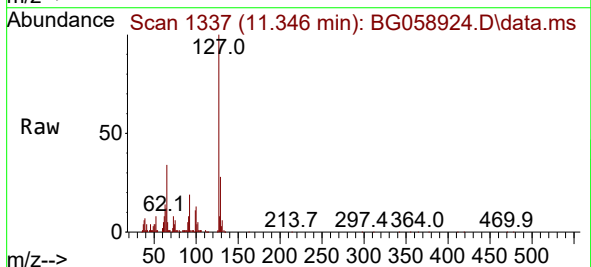
Instrument :
BNA_F
ClientSampleId :

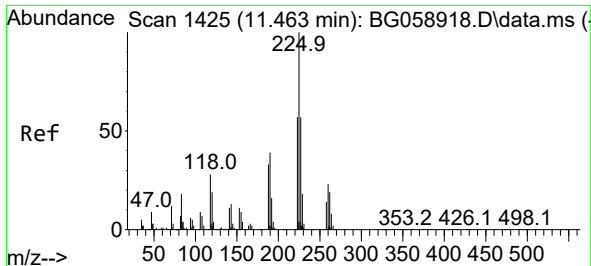
Tgt Ion:128 Resp: 257837
Ion Ratio Lower Upper
128 100
129 10.8 7.7 11.5
127 15.2 10.2 15.2



#32
4-Chloroaniline
Concen: 19.969 ng/ul
RT: 11.346 min Scan# 1337
Delta R.T. 0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:127 Resp: 113312
Ion Ratio Lower Upper
127 100
129 27.7 24.6 36.8

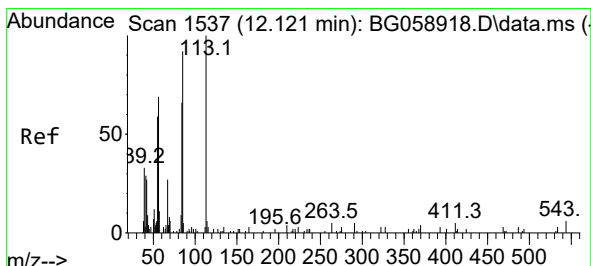
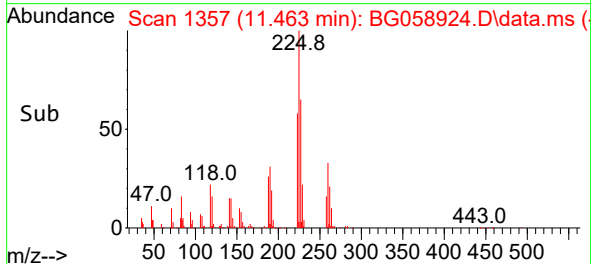
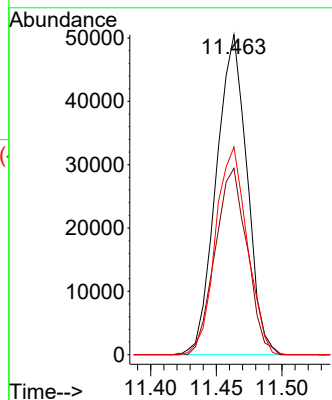
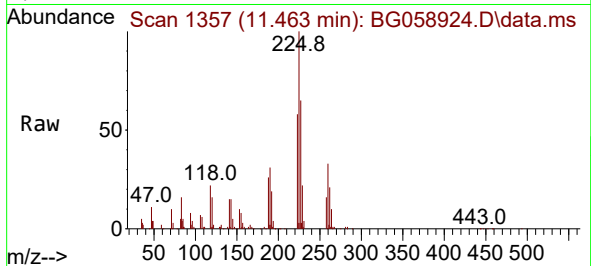




#33
Hexachlorobutadiene
Concen: 19.000 ng/ul
RT: 11.463 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

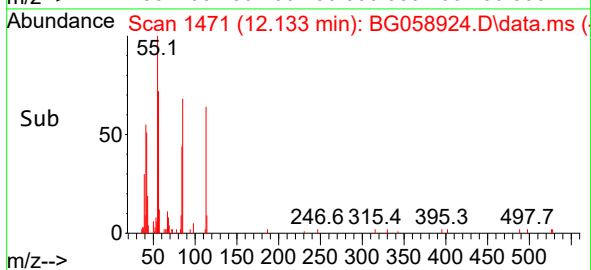
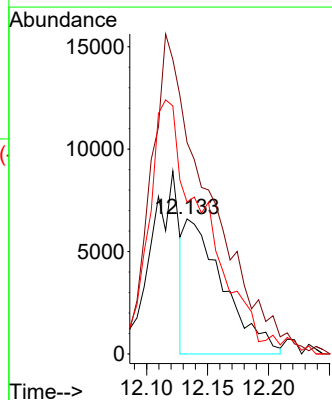
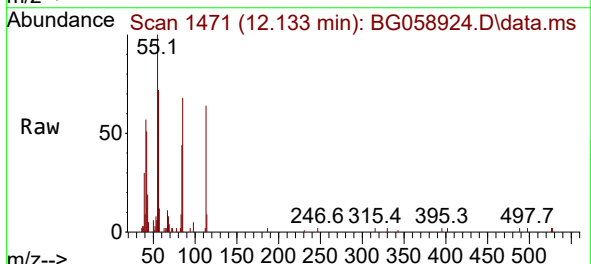
Instrument :
BNA_F
ClientSampleId :

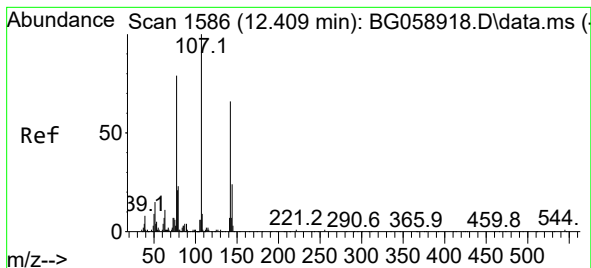
Tgt Ion:225 Resp: 82263
Ion Ratio Lower Upper
225 100
223 58.2 44.1 66.1
227 64.9 49.0 73.4



#34
Caprolactam
Concen: 10.038 ng/ul
RT: 12.133 min Scan# 1471
Delta R.T. 0.020 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:113 Resp: 14680
Ion Ratio Lower Upper
113 100
55 156.4 104.6 156.8
56 112.3 98.8 148.2

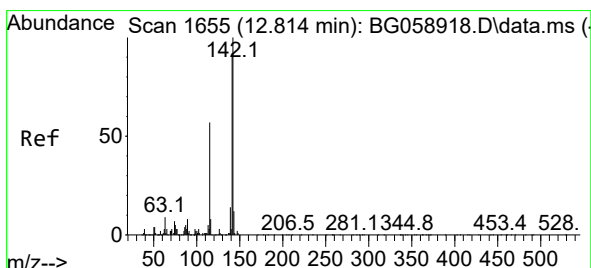
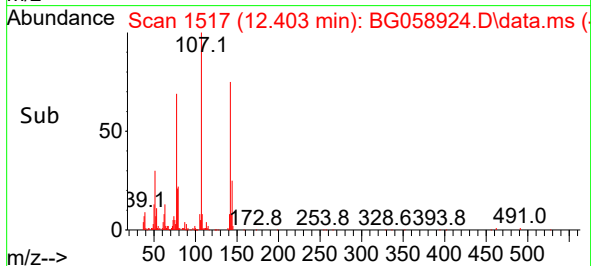
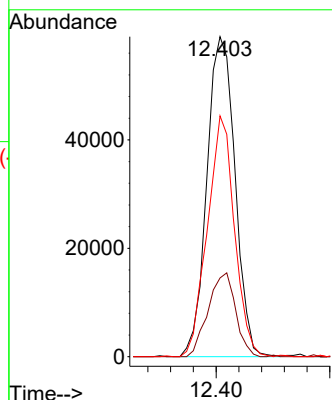
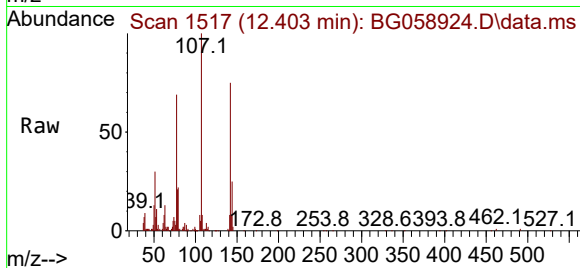




#35
4-Chloro-3-methylphenol
Concen: 19.555 ng/ul
RT: 12.403 min Scan# 1586
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

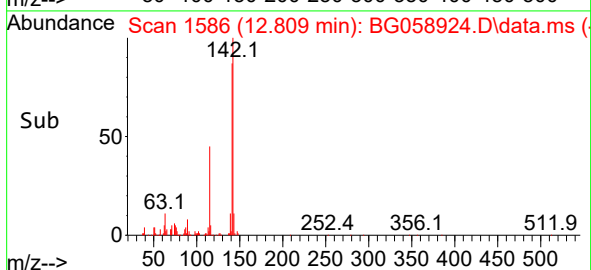
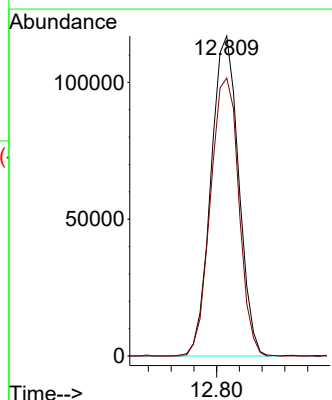
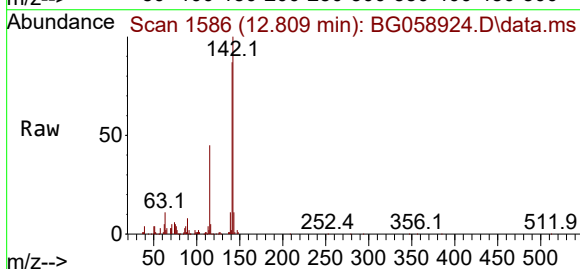
Instrument :
BNA_F
ClientSampleId :

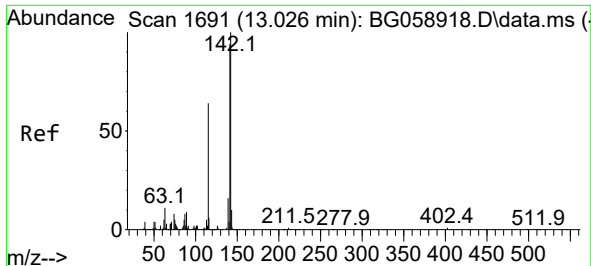
Tgt Ion:107 Resp: 101571
Ion Ratio Lower Upper
107 100
144 24.6 17.3 25.9
142 75.2 56.9 85.3



#36
2-Methylnaphthalene
Concen: 19.360 ng/ul
RT: 12.809 min Scan# 1586
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:142 Resp: 197244
Ion Ratio Lower Upper
142 100
141 86.8 71.4 107.0





#37

1-Methylnaphthalene

Concen: 20.050 ng/ul

RT: 13.020 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

Instrument :

BNA_F

ClientSampleId :

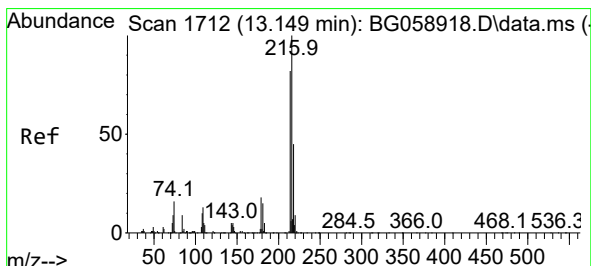
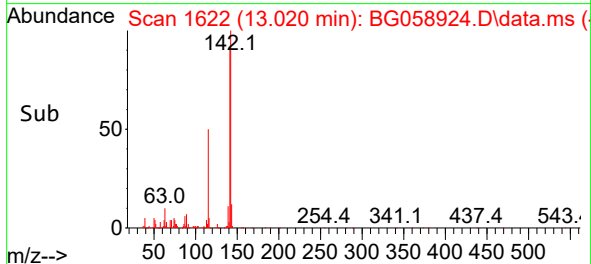
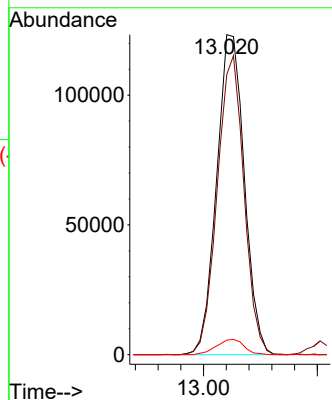
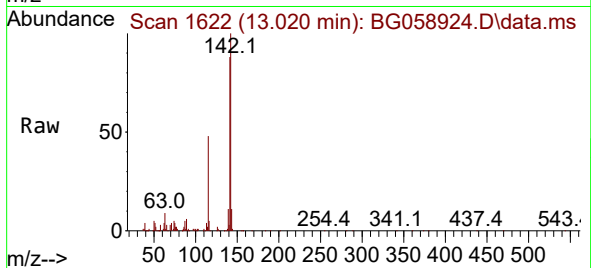
Tgt Ion:142 Resp: 208941

Ion Ratio Lower Upper

142 100

141 87.6 78.0 117.0

116 4.6 4.6 7.0#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.751 ng/ul

RT: 13.150 min Scan# 1644

Delta R.T. 0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

Tgt Ion:216 Resp: 168386

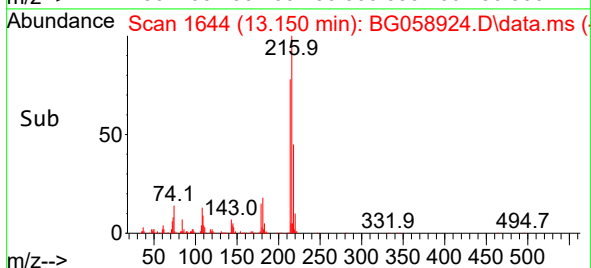
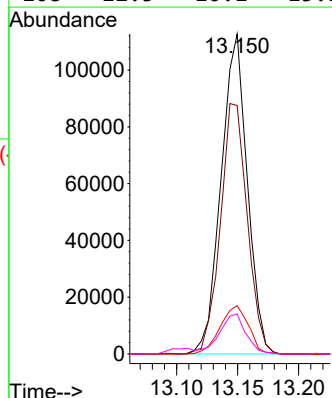
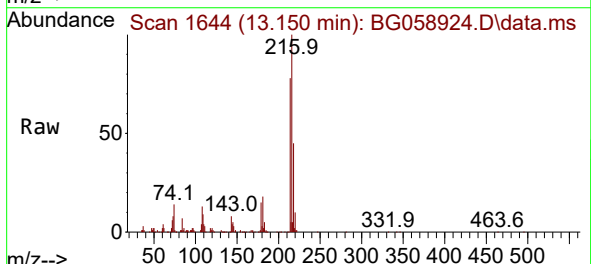
Ion Ratio Lower Upper

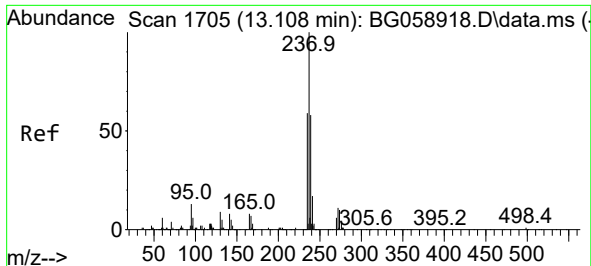
216 100

214 77.7 58.9 88.3

179 15.1 14.4 21.6

108 12.5 10.1 15.1

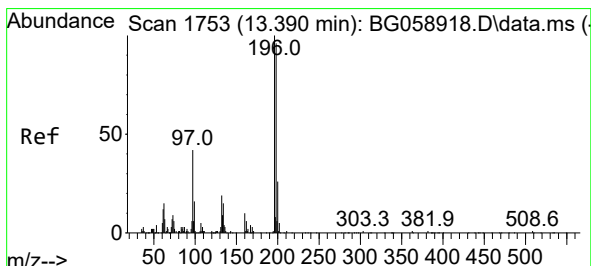
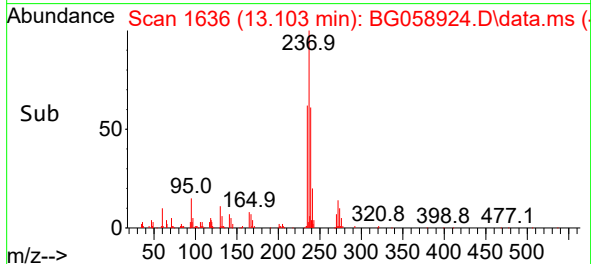
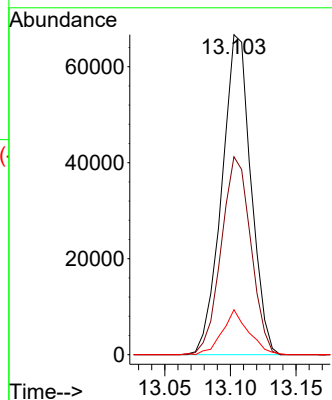
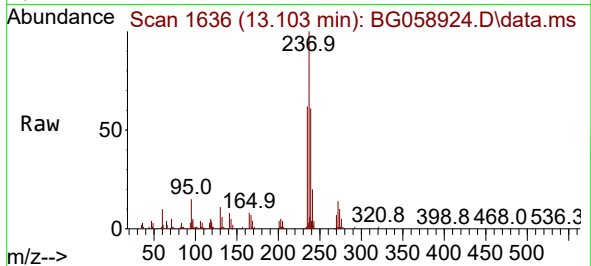




#40
Hexachlorocyclopentadiene
Concen: 17.641 ng/ul
RT: 13.103 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

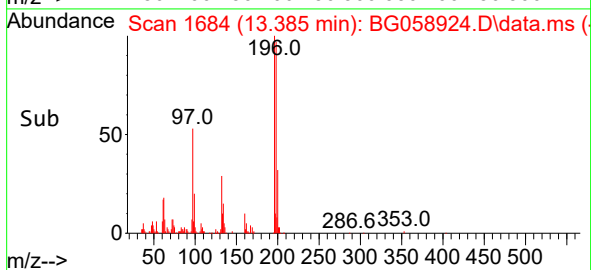
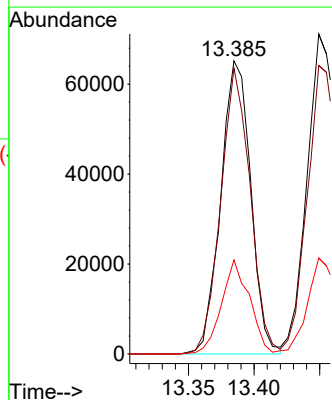
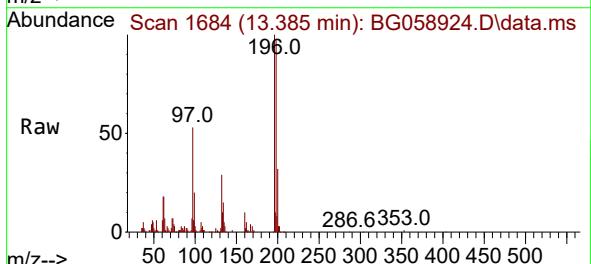
Instrument :
BNA_F
ClientSampleId :

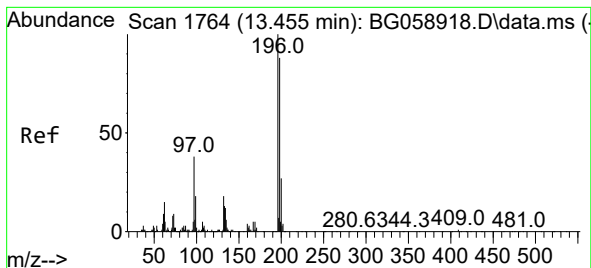
Tgt Ion:237 Resp: 103025
Ion Ratio Lower Upper
237 100
235 61.8 49.0 73.6
272 14.8 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 21.982 ng/ul
RT: 13.385 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:196 Resp: 103652
Ion Ratio Lower Upper
196 100
198 97.5 76.1 114.1
200 32.1 25.8 38.6

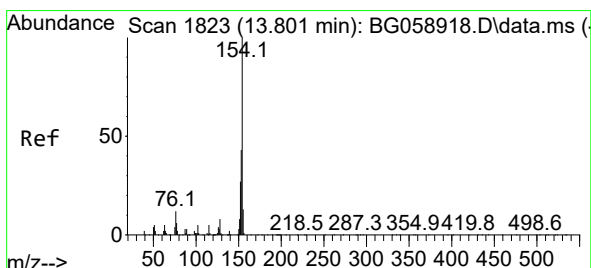
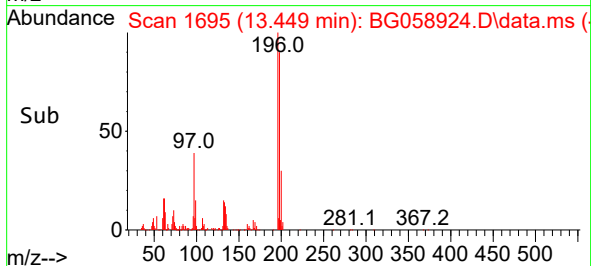
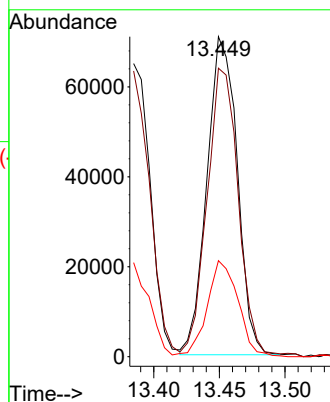
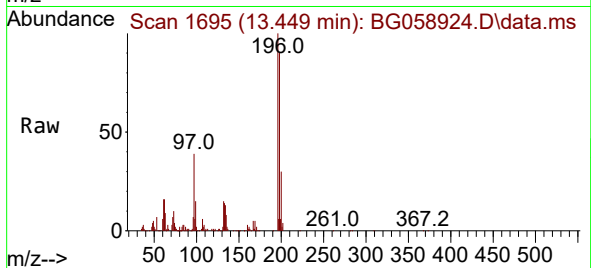




#42
2,4,5-Trichlorophenol
Concen: 22.491 ng/ul
RT: 13.449 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

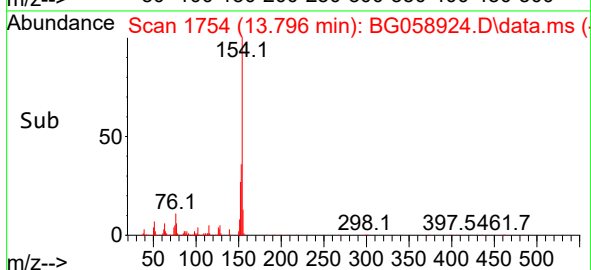
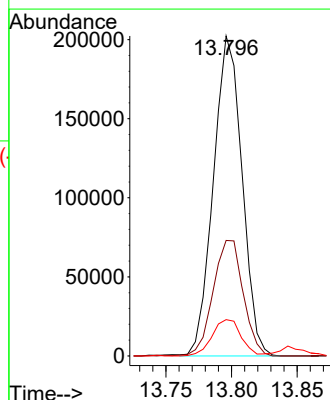
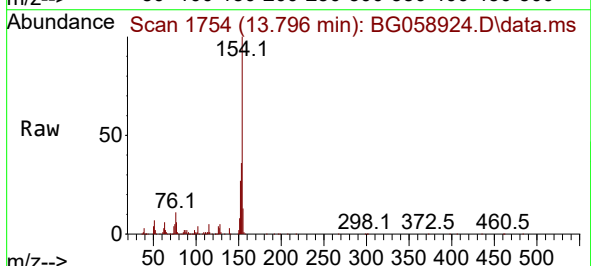
Instrument :
BNA_F
ClientSampleId :

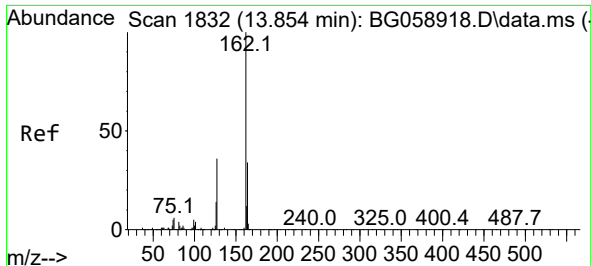
Tgt Ion:196 Resp: 113707
Ion Ratio Lower Upper
196 100
198 90.1 74.3 111.5
200 30.0 24.7 37.1



#43
1,1'-Biphenyl
Concen: 20.743 ng/ul
RT: 13.796 min Scan# 1754
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

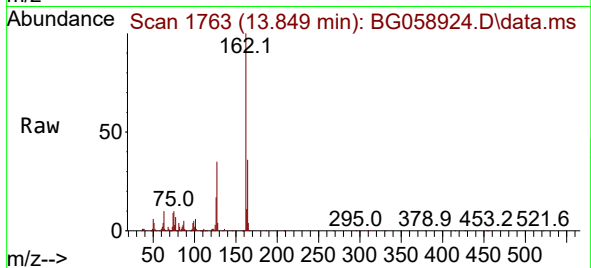
Tgt Ion:154 Resp: 306931
Ion Ratio Lower Upper
154 100
153 36.1 31.8 47.8
76 11.3 8.6 13.0



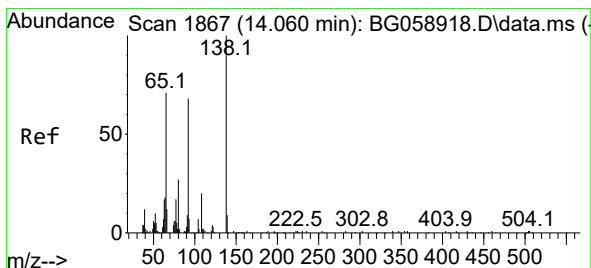
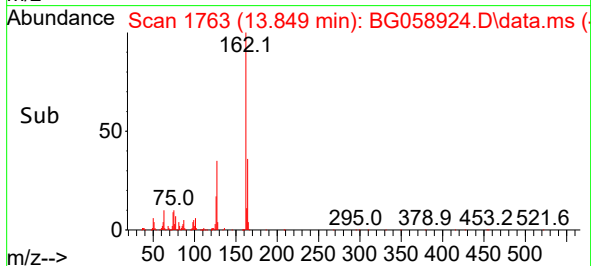
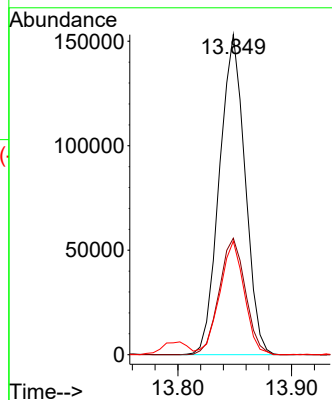


#44
2-Chloronaphthalene
Concen: 20.337 ng/ul
RT: 13.849 min Scan# 1763
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Instrument :
BNA_F
ClientSampleId :

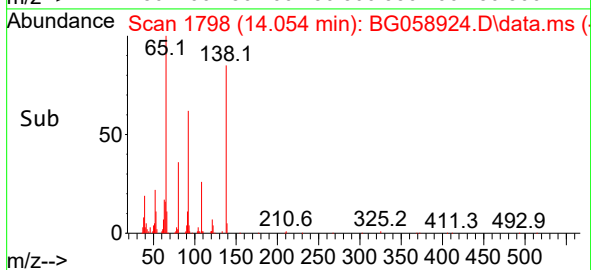
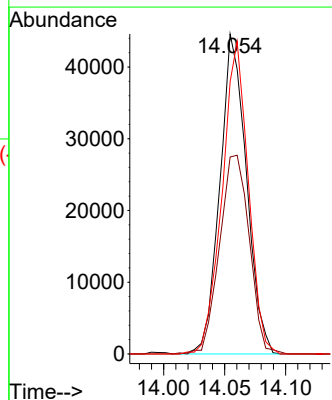
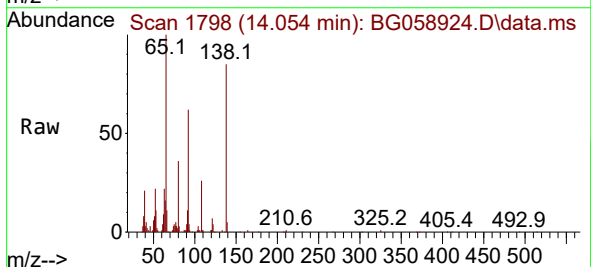


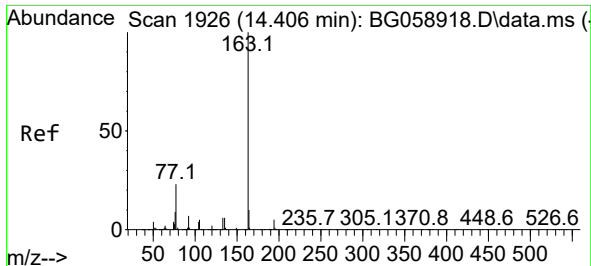
Tgt Ion:162 Resp: 240006
Ion Ratio Lower Upper
162 100
164 36.4 27.1 40.7
127 35.5 27.8 41.8



#45
2-Nitroaniline
Concen: 25.874 ng/ul
RT: 14.054 min Scan# 1798
Delta R.T. -0.009 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion: 65 Resp: 67516
Ion Ratio Lower Upper
65 100
92 61.5 52.8 79.2
138 85.0 76.4 114.6

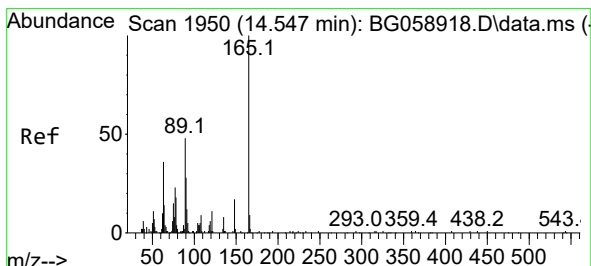
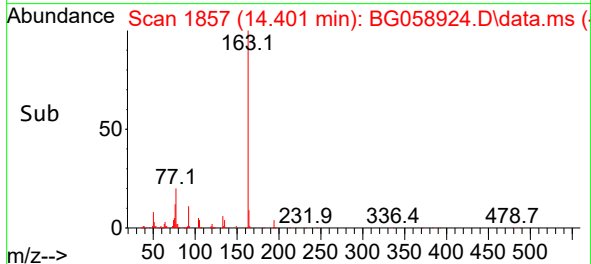
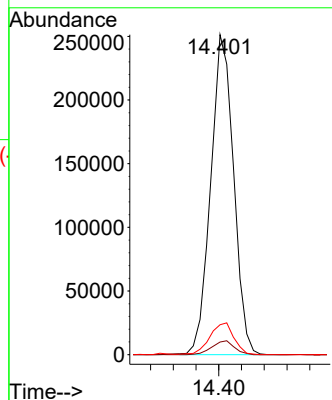
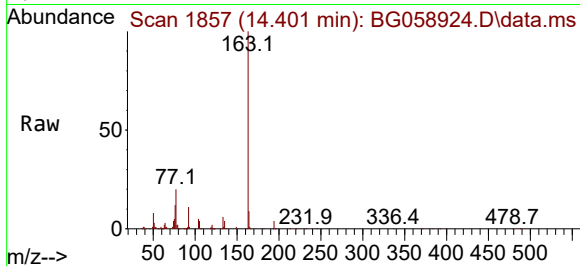




#47
Dimethylphthalate
Concen: 20.609 ng/ul
RT: 14.401 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

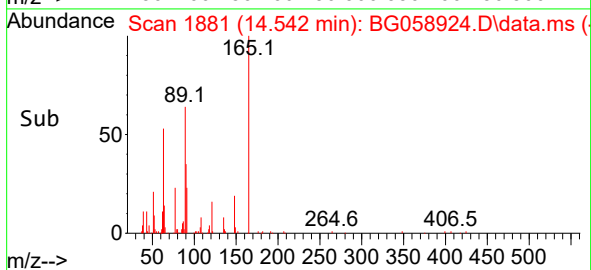
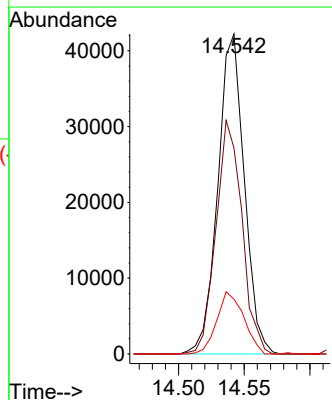
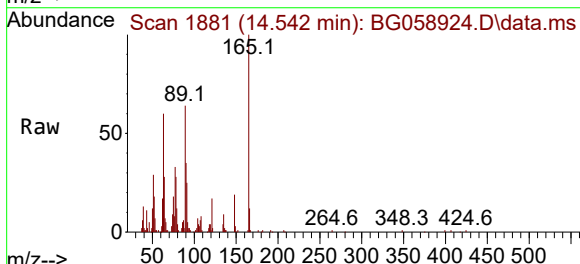
Instrument :
BNA_F
ClientSampleId :

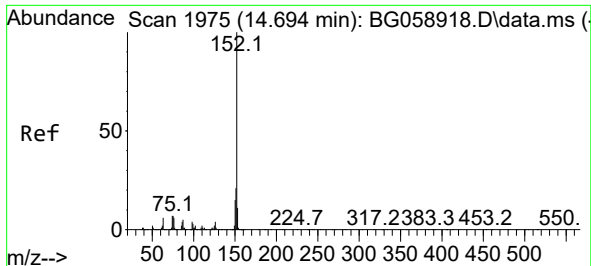
Tgt Ion:163 Resp: 351761
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 9.4 7.4 11.0



#48
2,6-Dinitrotoluene
Concen: 24.404 ng/ul
RT: 14.542 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:165 Resp: 59120
Ion Ratio Lower Upper
165 100
89 64.3 53.0 79.6
121 17.1 14.2 21.4

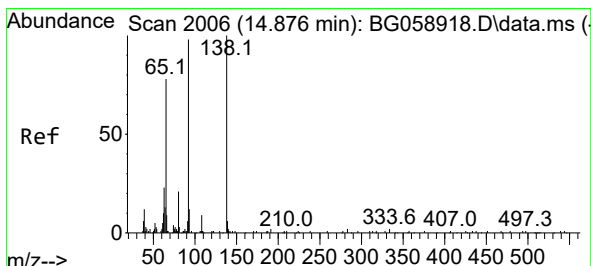
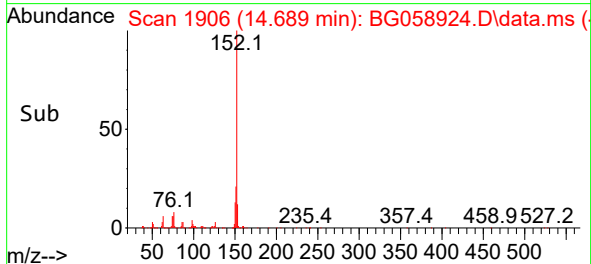
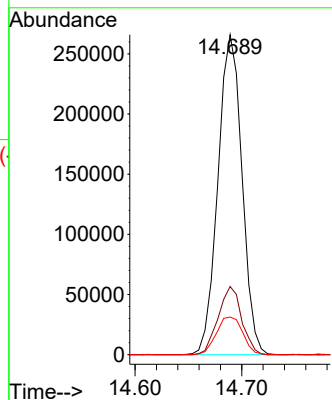
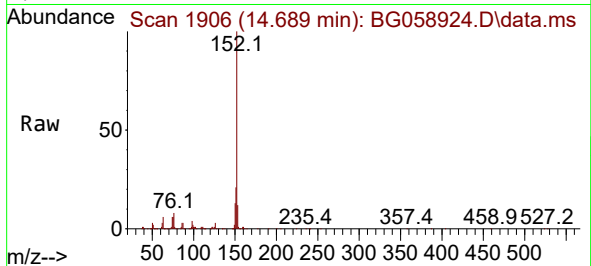




#50
Acenaphthylene
Concen: 20.553 ng/ul
RT: 14.689 min Scan# 1906
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

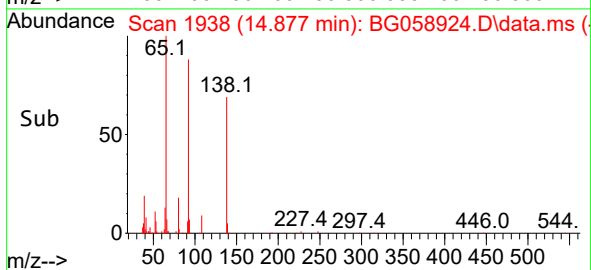
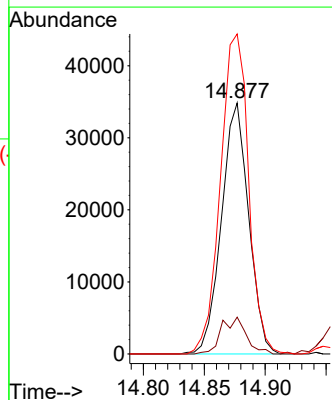
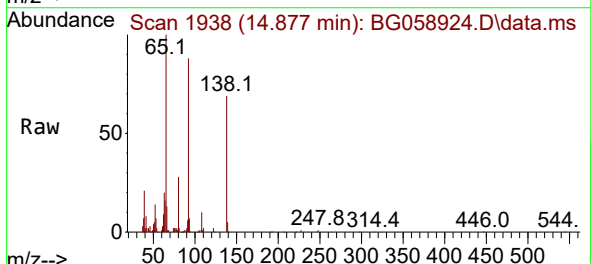
Instrument :
BNA_F
ClientSampleId :

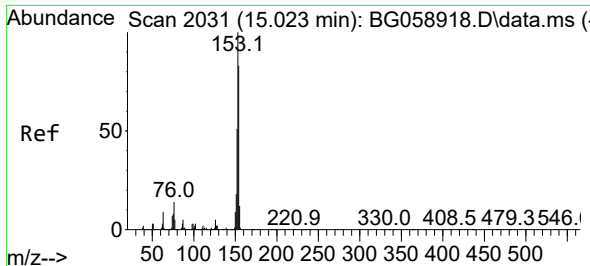
Tgt Ion:152 Resp: 416185
Ion Ratio Lower Upper
152 100
151 21.3 15.0 22.4
153 11.8 9.4 14.2



#51
3-Nitroaniline
Concen: 22.178 ng/ul
RT: 14.877 min Scan# 1938
Delta R.T. 0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

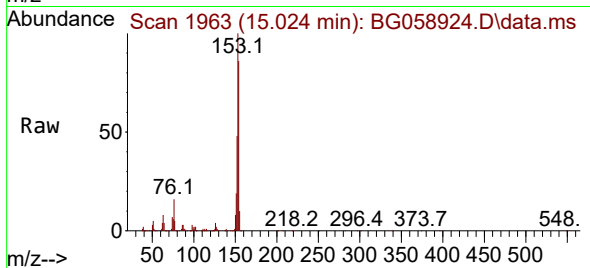
Tgt Ion:138 Resp: 54140
Ion Ratio Lower Upper
138 100
108 14.7 10.2 15.2
92 127.5 105.2 157.8



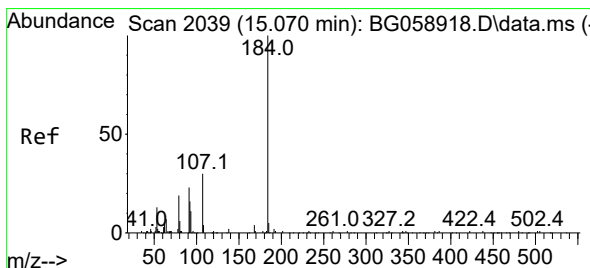
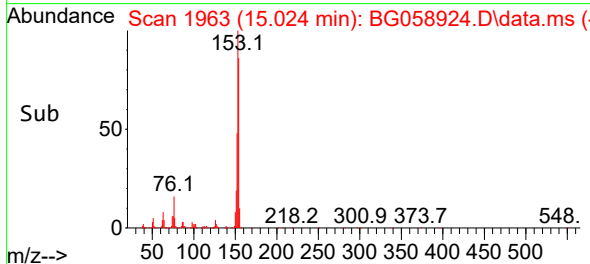
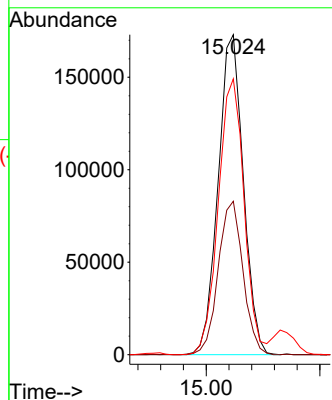


#52
Acenaphthene
Concen: 20.219 ng/ul
RT: 15.024 min Scan# 1963
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Instrument :
BNA_F
ClientSampleId :

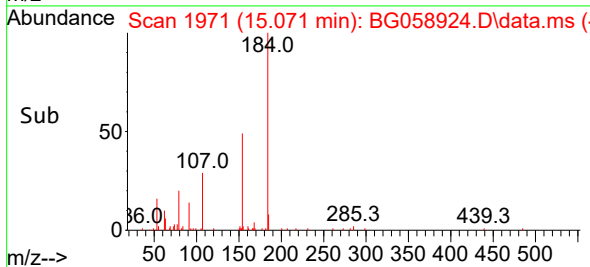
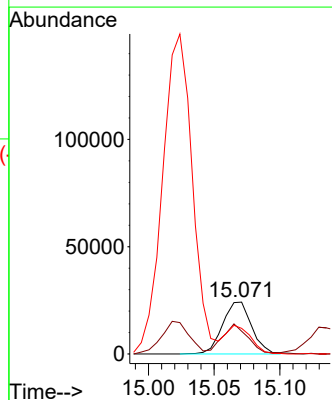
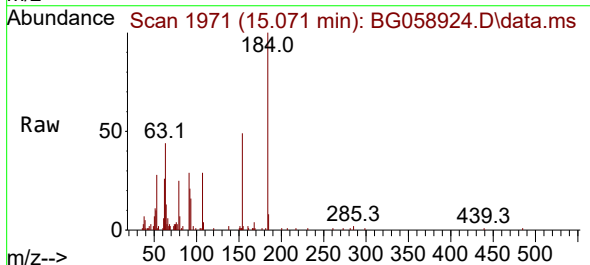


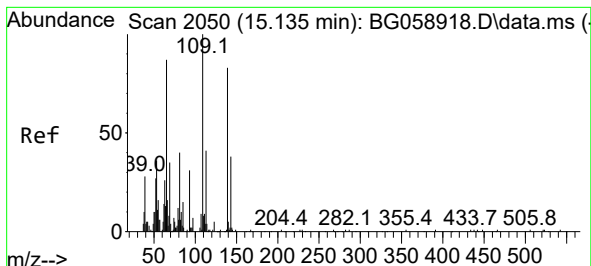
Tgt Ion:153 Resp: 266567
Ion Ratio Lower Upper
153 100
152 47.9 36.6 55.0
154 86.2 65.8 98.6



#53
2,4-Dinitrophenol
Concen: 18.184 ng/ul
RT: 15.071 min Scan# 1971
Delta R.T. 0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:184 Resp: 37265
Ion Ratio Lower Upper
184 100
63 43.9 43.3 64.9
154 49.3 38.6 57.8

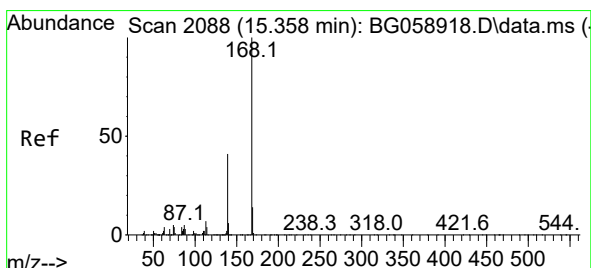
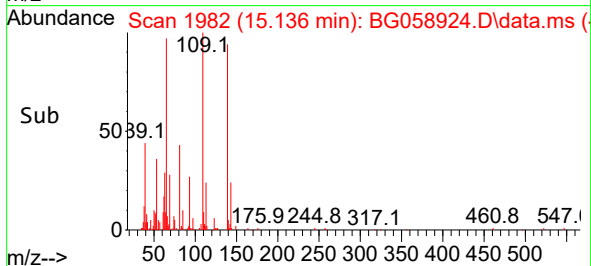
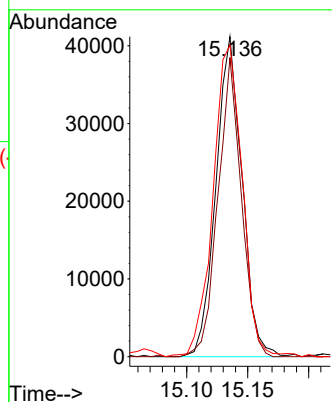
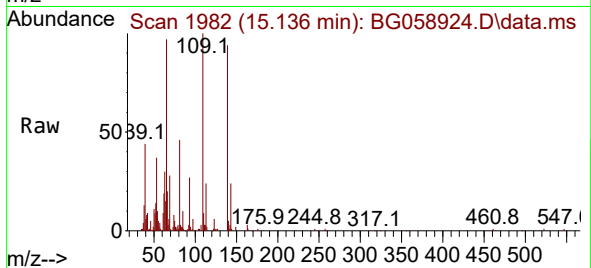




#55
4-Nitrophenol
Concen: 22.104 ng/ul
RT: 15.136 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

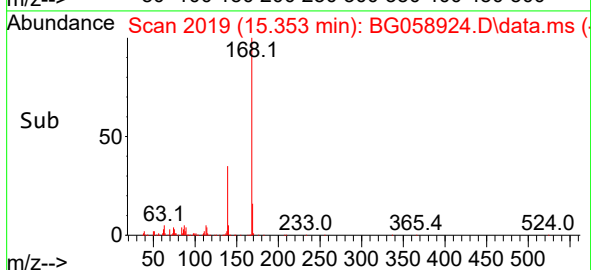
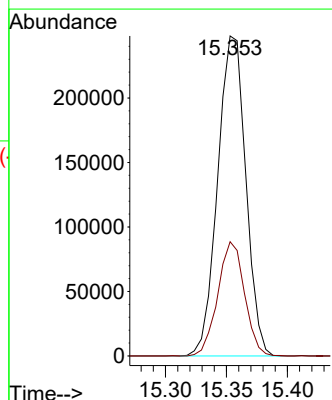
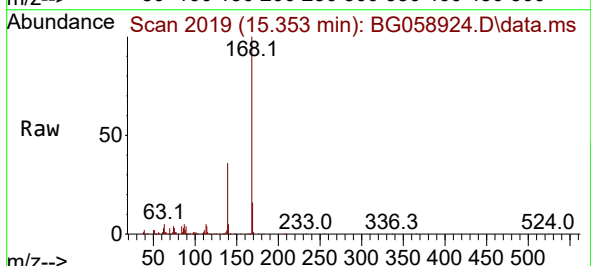
Instrument :
BNA_F
ClientSampleId :

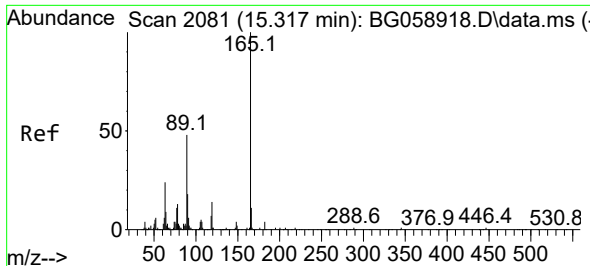
Tgt Ion:109 Resp: 61317
Ion Ratio Lower Upper
109 100
139 93.5 70.8 106.2
65 97.4 87.5 131.3



#56
Dibenzofuran
Concen: 20.242 ng/ul
RT: 15.353 min Scan# 2019
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:168 Resp: 398392
Ion Ratio Lower Upper
168 100
139 35.7 29.4 44.0





#57

2,4-Dinitrotoluene

Concen: 23.385 ng/ul

RT: 15.312 min Scan# 2081

Delta R.T. -0.003 min

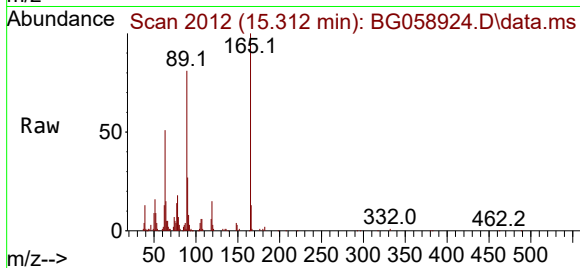
Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

Instrument :

BNA_F

ClientSampleId :



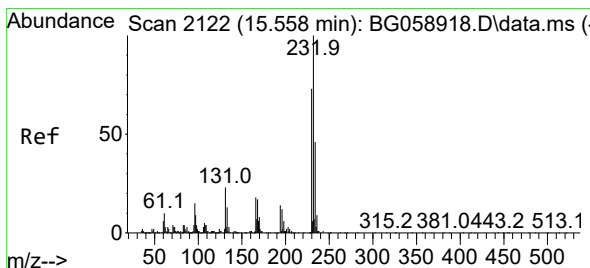
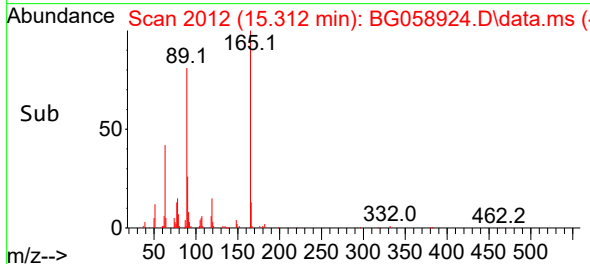
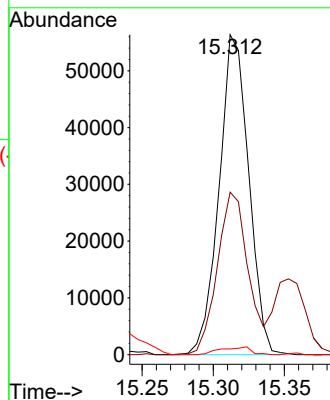
Tgt Ion:165 Resp: 81723

Ion Ratio Lower Upper

165 100

63 50.8 35.8 53.8

182 1.8 1.7 2.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.986 ng/ul

RT: 15.559 min Scan# 2054

Delta R.T. -0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

Tgt Ion:232 Resp: 117438

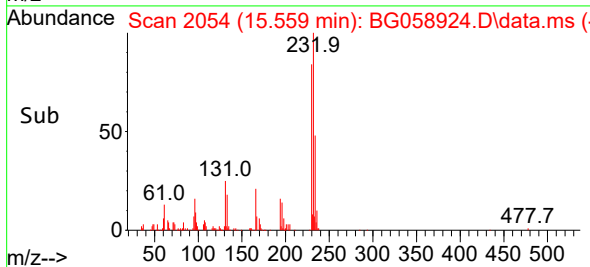
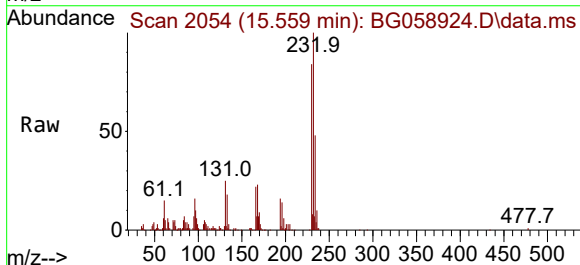
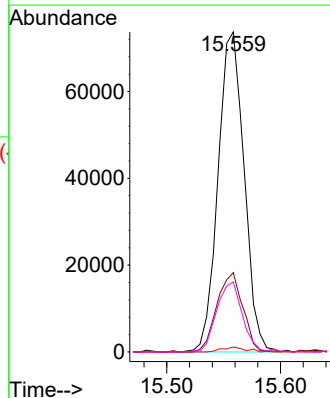
Ion Ratio Lower Upper

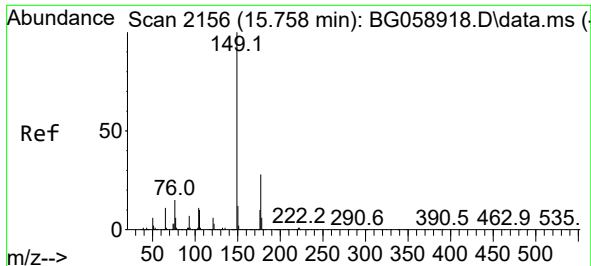
232 100

131 24.8 20.6 31.0

130 1.5 0.0 0.0#

166 21.9 17.2 25.8





#59

Diethylphthalate

Concen: 20.269 ng/ul

RT: 15.752 min Scan# 2109

Delta R.T. 0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

Instrument :

BNA_F

ClientSampleId :

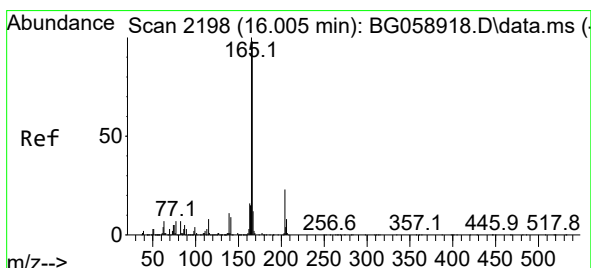
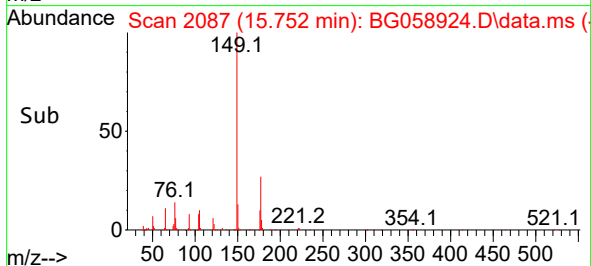
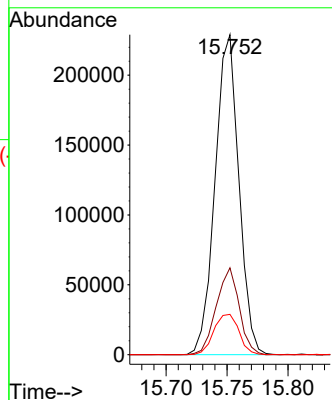
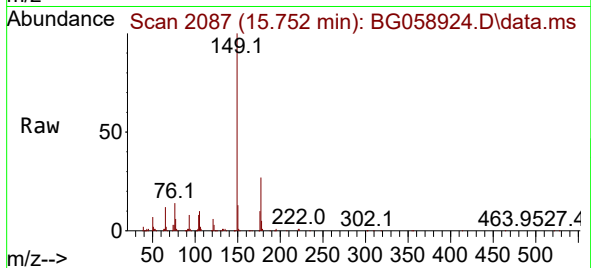
Tgt Ion:149 Resp: 310924

Ion Ratio Lower Upper

149 100

177 27.2 21.0 31.4

150 12.6 11.6 17.4



#61

Fluorene

Concen: 20.213 ng/ul

RT: 15.999 min Scan# 2129

Delta R.T. -0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

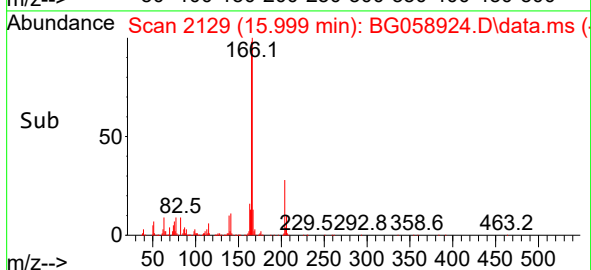
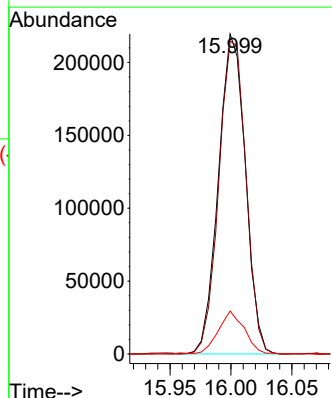
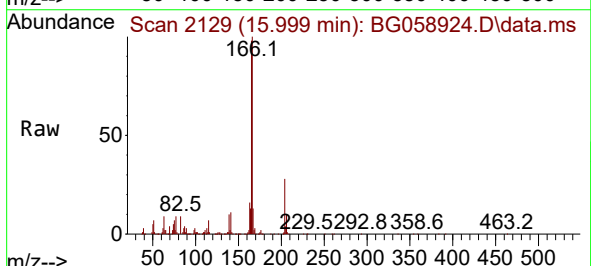
Tgt Ion:166 Resp: 337731

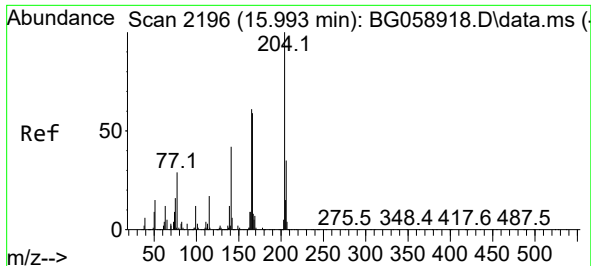
Ion Ratio Lower Upper

166 100

165 97.8 78.5 117.7

167 13.4 10.1 15.1

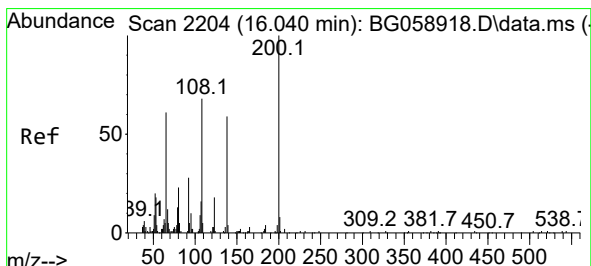
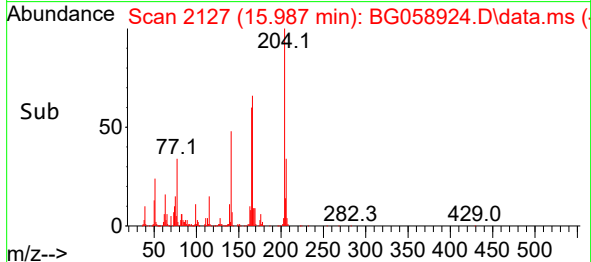
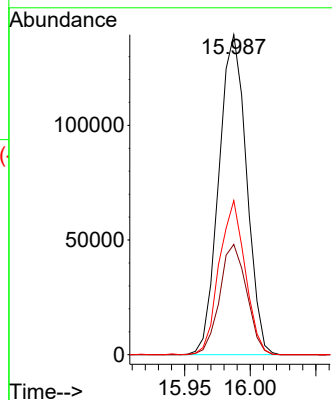
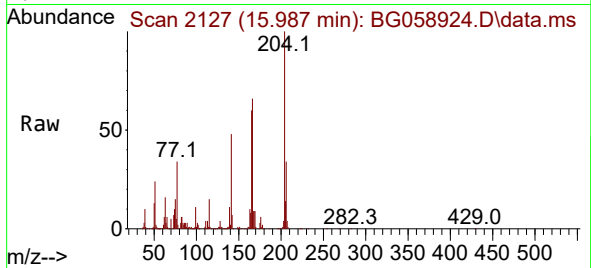




#62
4-Chlorophenyl-phenylether
Concen: 20.448 ng/ul
RT: 15.987 min Scan# 2196
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

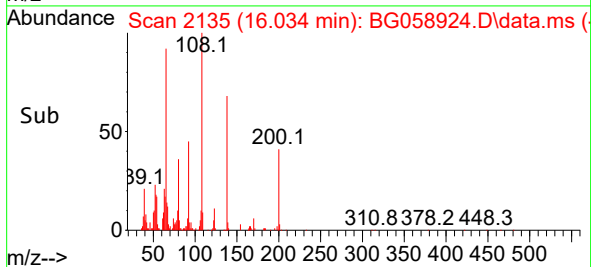
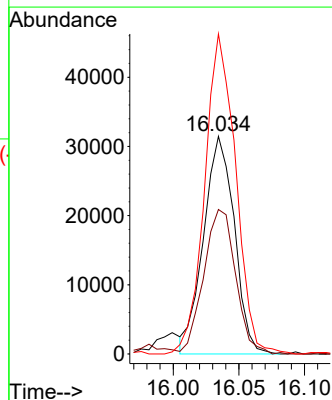
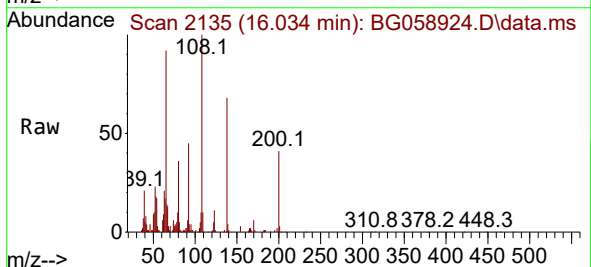
Instrument :
BNA_F
ClientSampleId :

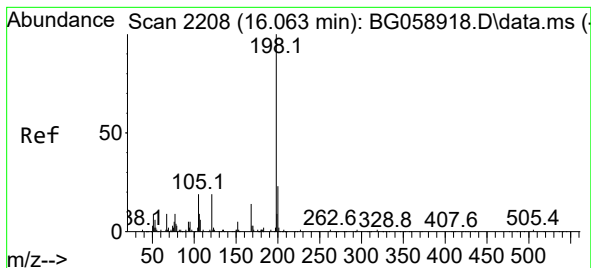
Tgt Ion:204 Resp: 204964
Ion Ratio Lower Upper
204 100
206 34.5 24.2 36.2
141 48.2 33.0 49.4



#63
4-Nitroaniline
Concen: 22.597 ng/ul
RT: 16.034 min Scan# 2135
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:138 Resp: 51328
Ion Ratio Lower Upper
138 100
92 66.4 48.2 72.2
108 147.0 96.6 145.0#

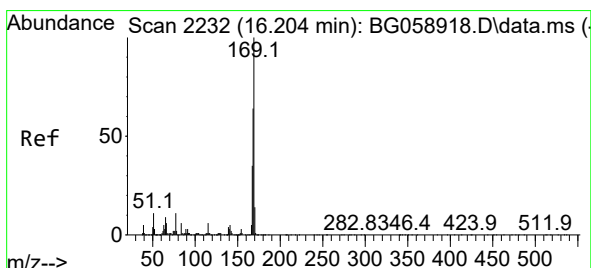
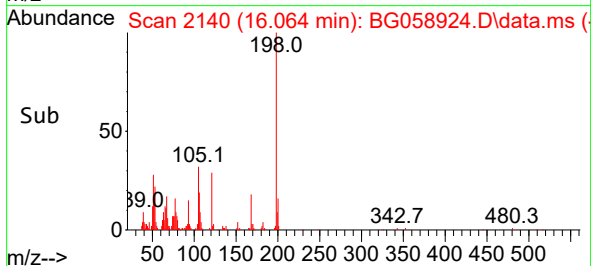
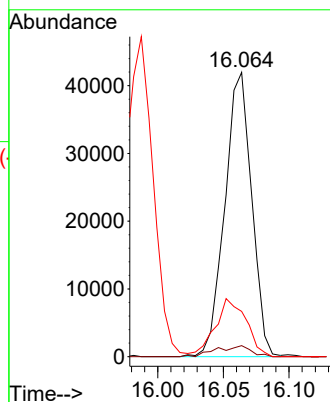
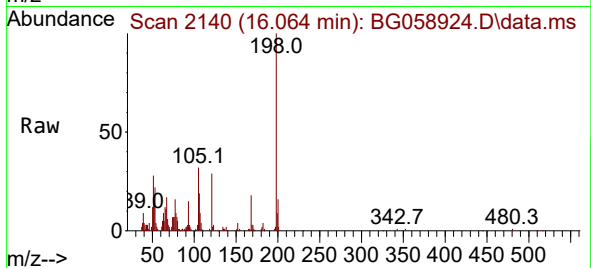




#66
 4,6-Dinitro-2-methylphenol
 Concen: 21.629 ng/ul
 RT: 16.064 min Scan# 2164
 Delta R.T. 0.003 min
 Lab File: BG058924.D
 Acq: 8 Sep 2023 19:22

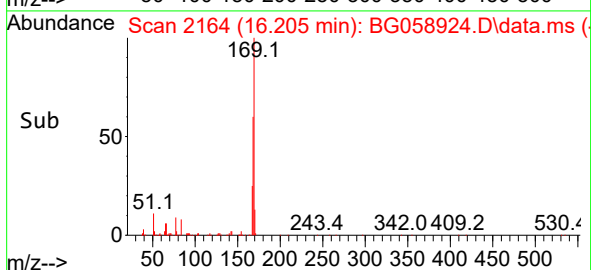
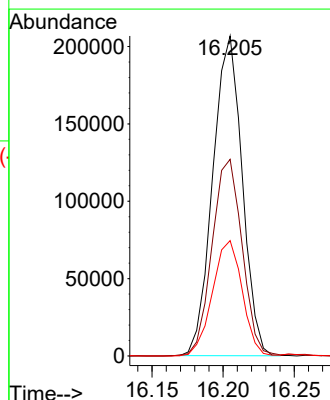
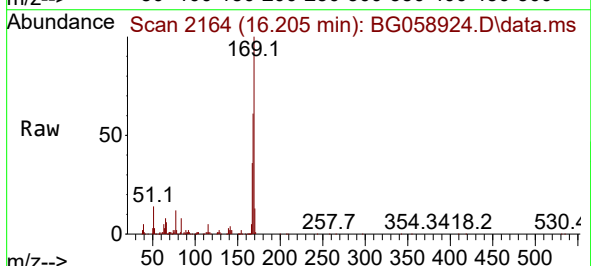
Instrument :
 BNA_F
 ClientSampleId :

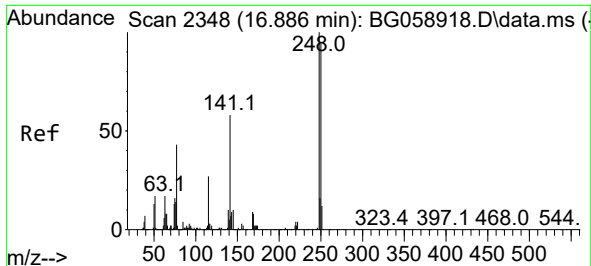
Tgt Ion:198 Resp: 59758
 Ion Ratio Lower Upper
 198 100
 182 3.9 3.0 4.6
 77 15.9 16.6 25.0#



#67
 N-Nitrosodiphenylamine
 Concen: 20.898 ng/ul
 RT: 16.205 min Scan# 2164
 Delta R.T. 0.003 min
 Lab File: BG058924.D
 Acq: 8 Sep 2023 19:22

Tgt Ion:169 Resp: 297075
 Ion Ratio Lower Upper
 169 100
 168 61.5 52.4 78.6
 167 36.0 29.5 44.3

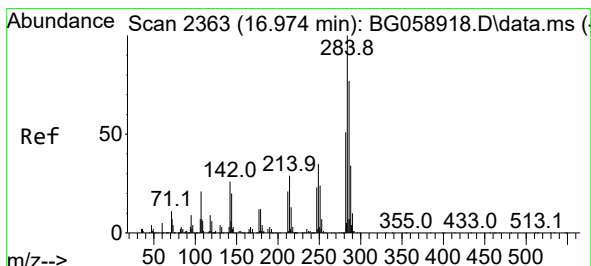
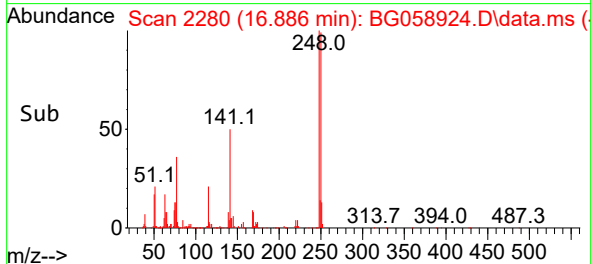
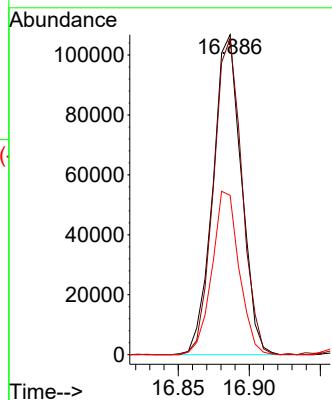
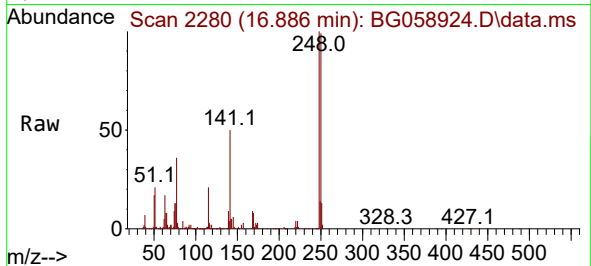




#68
4-Bromophenyl-phenylether
Concen: 21.239 ng/ul
RT: 16.886 min Scan# 21295
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

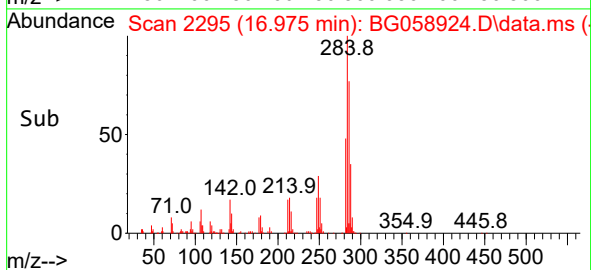
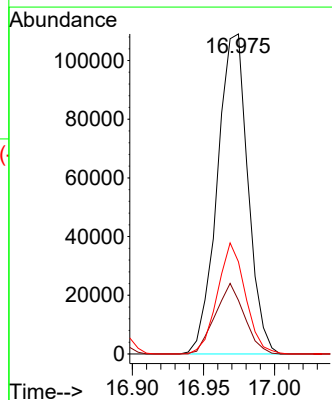
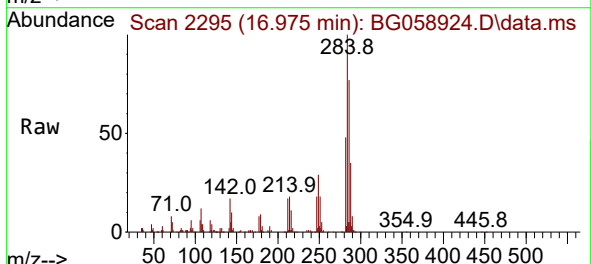
Instrument :
BNA_F
ClientSampleId :

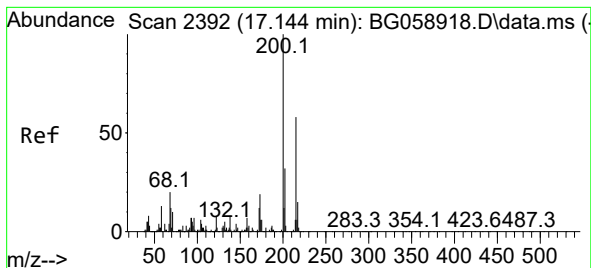
Tgt Ion:248 Resp: 149078
Ion Ratio Lower Upper
248 100
250 98.8 73.9 110.9
141 49.8 36.1 54.1



#69
Hexachlorobenzene
Concen: 20.175 ng/ul
RT: 16.975 min Scan# 2295
Delta R.T. 0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:284 Resp: 163409
Ion Ratio Lower Upper
284 100
142 16.7 16.2 24.2
249 28.8 24.4 36.6





#70

Atrazine

Concen: 21.175 ng/ul

RT: 17.139 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

Instrument :

BNA_F

ClientSampleId :

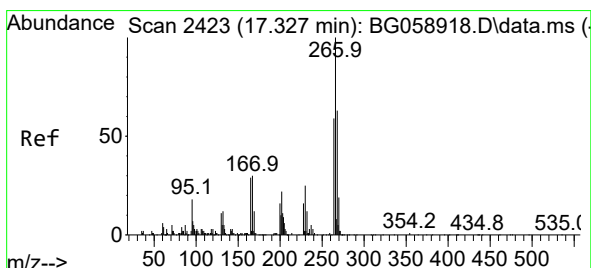
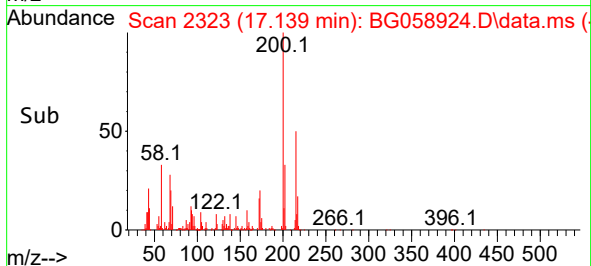
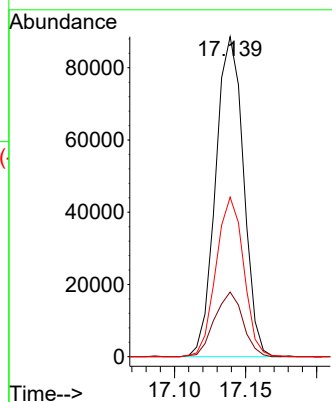
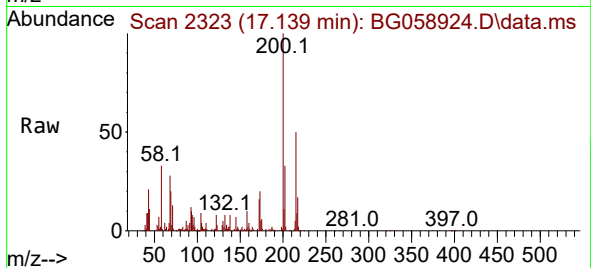
Tgt Ion:200 Resp: 120850

Ion Ratio Lower Upper

200 100

173 20.2 16.5 24.7

215 49.9 42.1 63.1



#71

Pentachlorophenol

Concen: 19.566 ng/ul

RT: 17.321 min Scan# 2354

Delta R.T. -0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

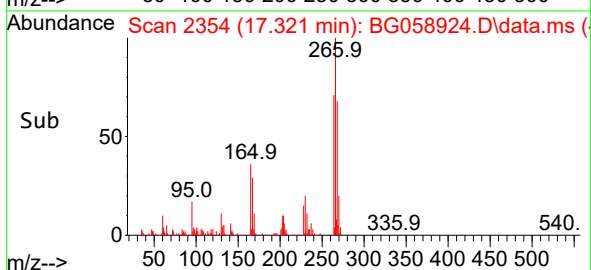
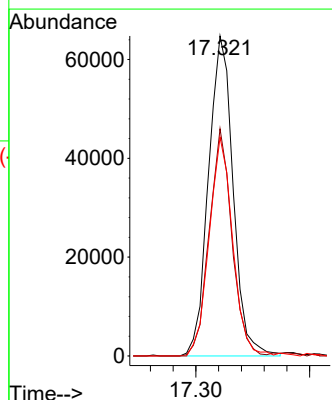
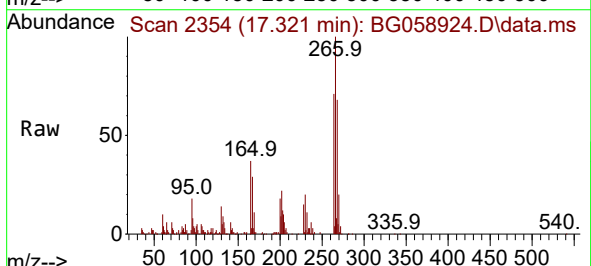
Tgt Ion:266 Resp: 97334

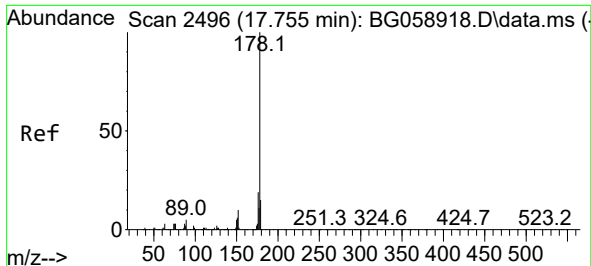
Ion Ratio Lower Upper

266 100

264 71.0 45.4 68.0#

268 68.3 50.0 75.0

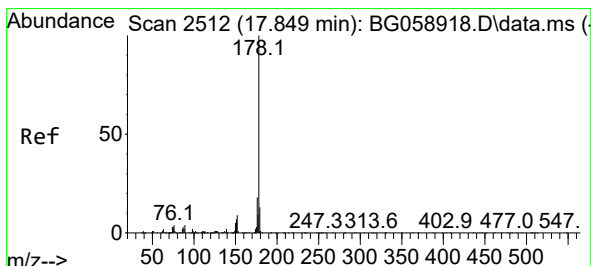
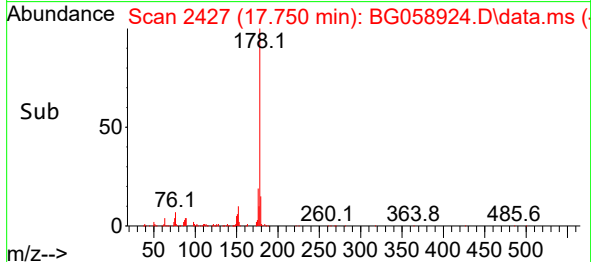
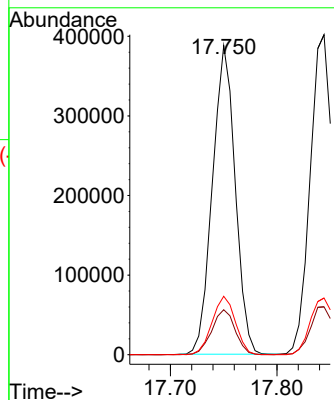
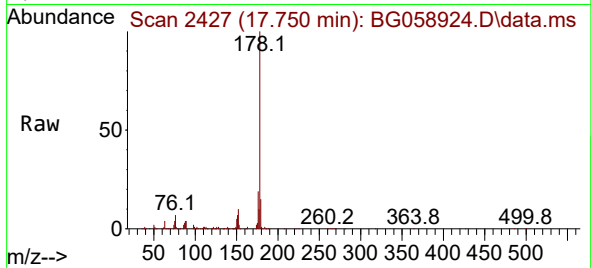




#72
Phenanthrene
Concen: 20.482 ng/ul
RT: 17.750 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

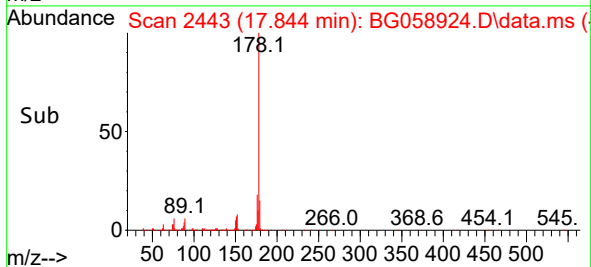
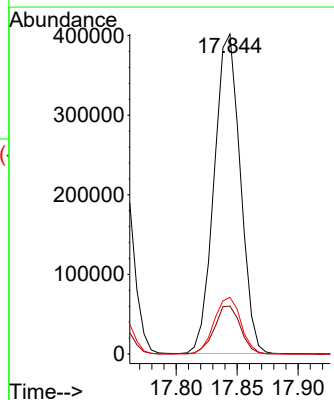
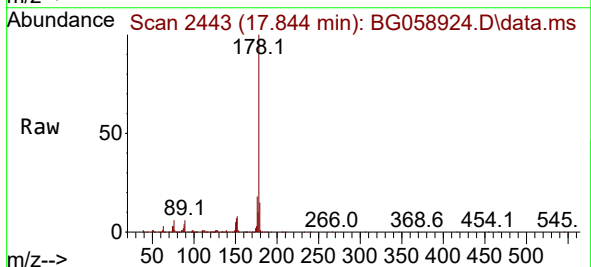
Instrument :
BNA_F
ClientSampleId :

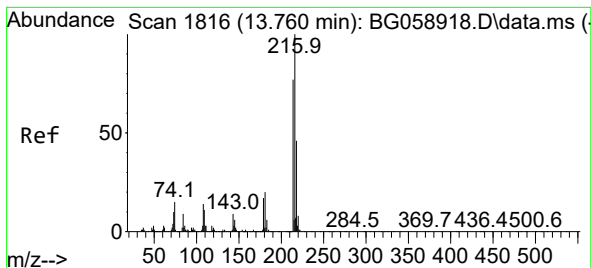
Tgt Ion:178 Resp: 574781
Ion Ratio Lower Upper
178 100
179 14.5 12.9 19.3
176 18.9 15.0 22.6



#74
Anthracene
Concen: 20.892 ng/ul
RT: 17.844 min Scan# 2443
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:178 Resp: 598567
Ion Ratio Lower Upper
178 100
179 14.9 11.1 16.7
176 17.7 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.553 ng/uL

RT: 13.755 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

Instrument :

BNA_F

ClientSampleId :

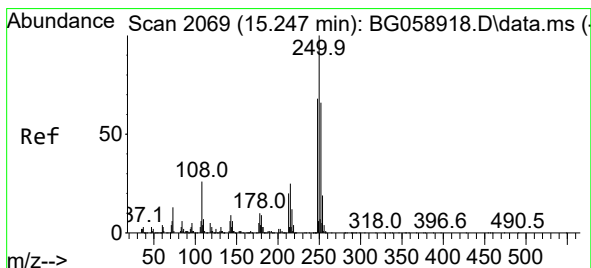
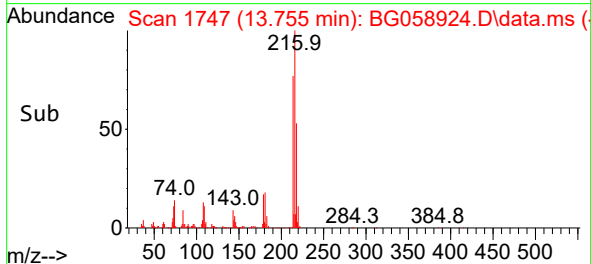
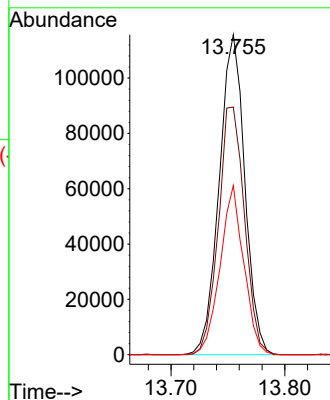
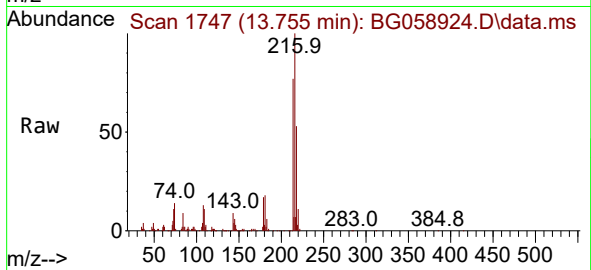
Tgt Ion:216 Resp: 180910

Ion Ratio Lower Upper

216 100

214 77.4 63.9 95.9

218 52.8 34.5 51.7#



#76

Pentachlorobenzene

Concen: 20.816 ng/uL

RT: 15.247 min Scan# 2001

Delta R.T. -0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

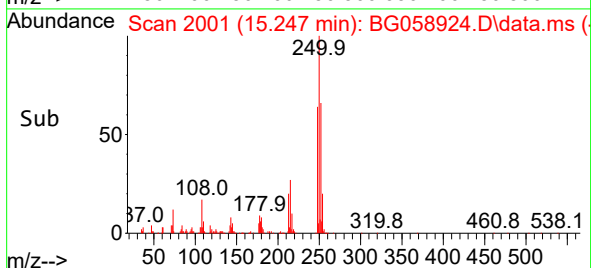
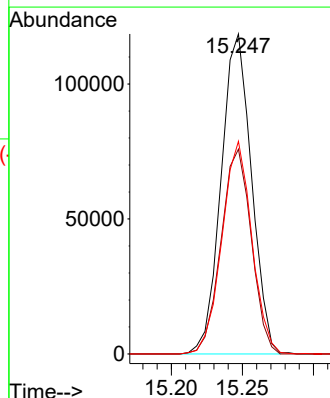
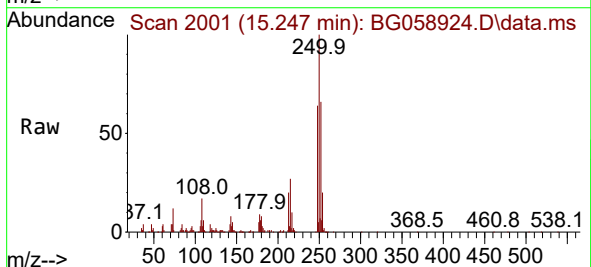
Tgt Ion:250 Resp: 176091

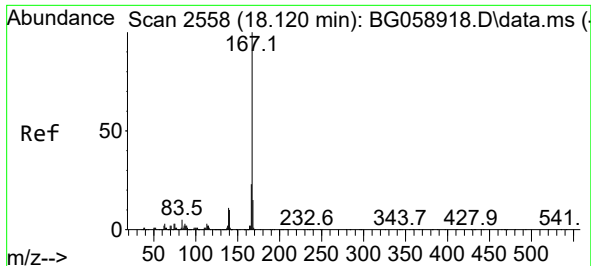
Ion Ratio Lower Upper

250 100

248 64.0 51.2 76.8

252 66.5 53.4 80.2

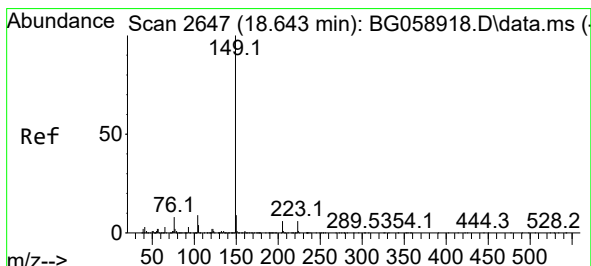
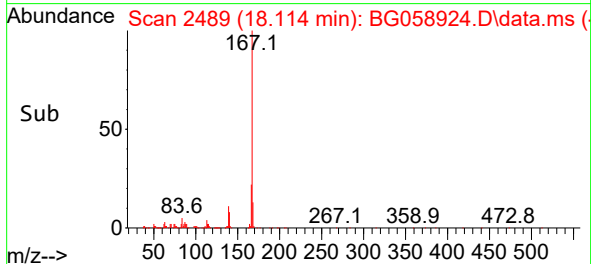
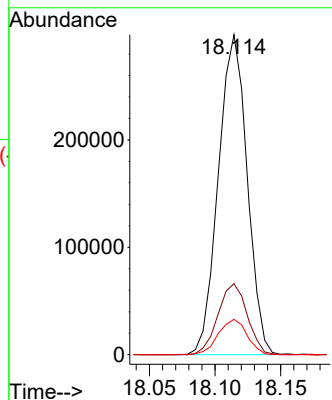
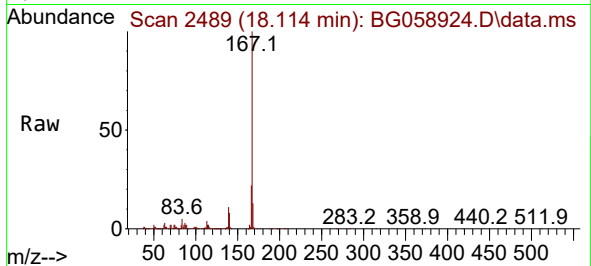




#77
 Carbazole
 Concen: 20.903 ng/ul
 RT: 18.114 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: BG058924.D
 Acq: 8 Sep 2023 19:22

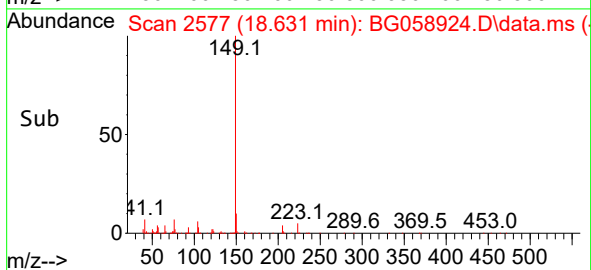
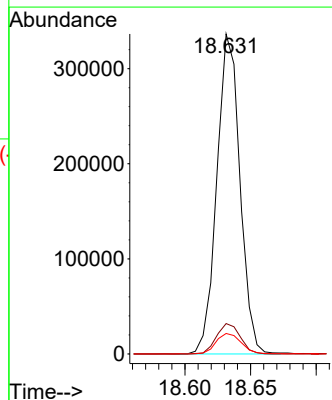
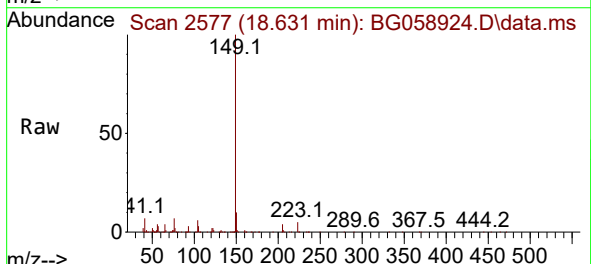
Instrument :
 BNA_F
 ClientSampleId :

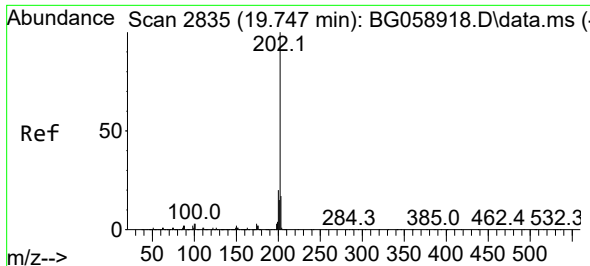
Tgt Ion:167 Resp: 454567
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 11.1 8.8 13.2



#78
 Di-n-butylphthalate
 Concen: 21.054 ng/ul
 RT: 18.631 min Scan# 2577
 Delta R.T. -0.003 min
 Lab File: BG058924.D
 Acq: 8 Sep 2023 19:22

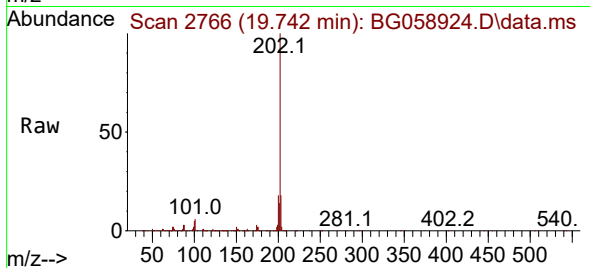
Tgt Ion:149 Resp: 411599
 Ion Ratio Lower Upper
 149 100
 150 9.5 9.1 13.7
 104 6.4 5.4 8.0



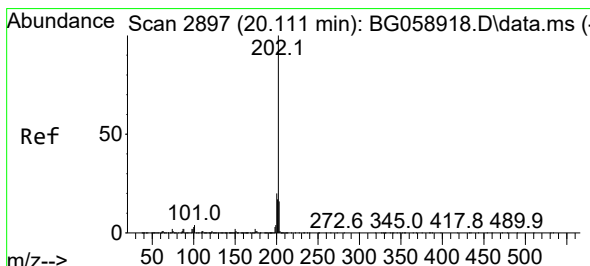
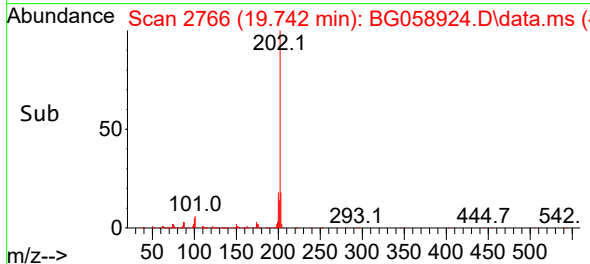
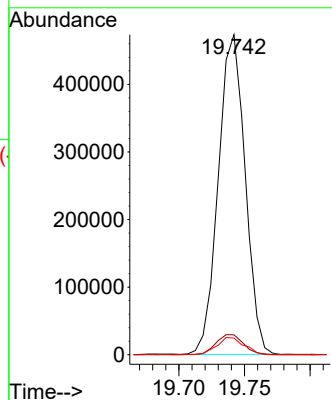


#80
Fluoranthene
Concen: 18.866 ng/ul
RT: 19.742 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Instrument :
BNA_F
ClientSampleId :

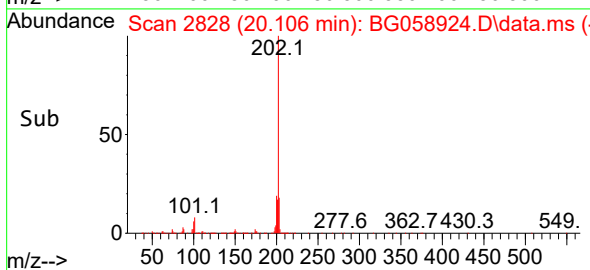
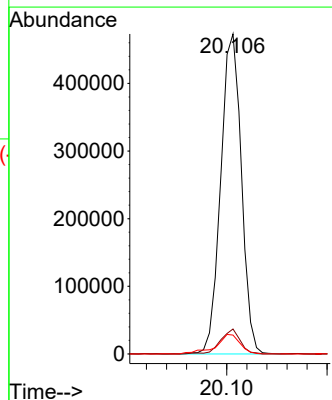
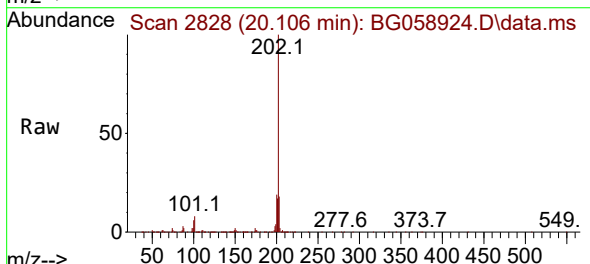


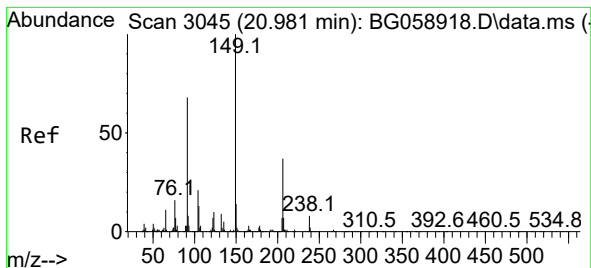
Tgt Ion:202 Resp: 672701
Ion Ratio Lower Upper
202 100
101 6.2 4.6 7.0
100 5.2 3.8 5.6



#82
Pyrene
Concen: 18.906 ng/ul
RT: 20.106 min Scan# 2828
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:202 Resp: 675249
Ion Ratio Lower Upper
202 100
101 7.8 5.2 7.8#
100 5.9 5.0 7.4





#83

Butylbenzylphthalate

Concen: 24.722 ng/ul

RT: 20.976 min Scan# 20

Delta R.T. -0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

Instrument :

BNA_F

ClientSampleId :

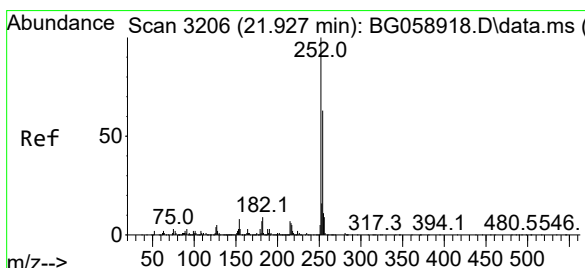
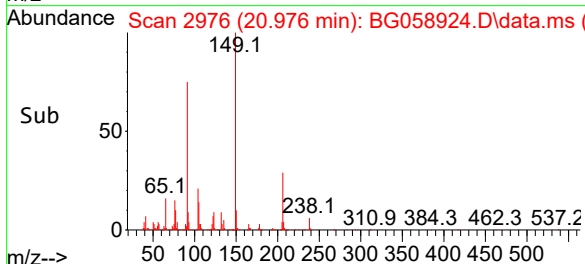
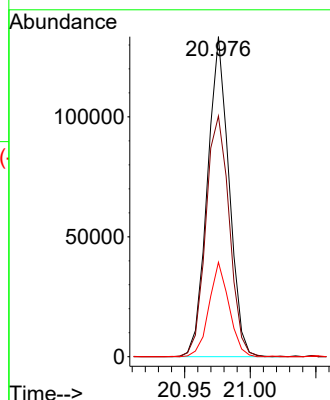
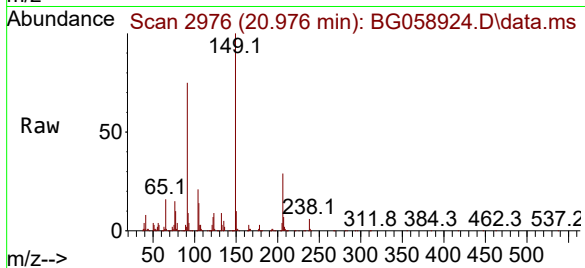
Tgt Ion:149 Resp: 153097

Ion Ratio Lower Upper

149 100

91 75.2 66.8 100.2

206 29.5 22.7 34.1



#84

3,3'-Dichlorobenzidine

Concen: 22.652 ng/ul

RT: 21.922 min Scan# 3137

Delta R.T. -0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

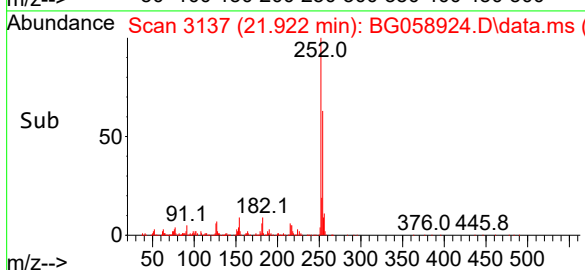
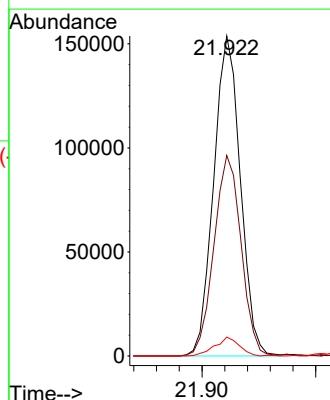
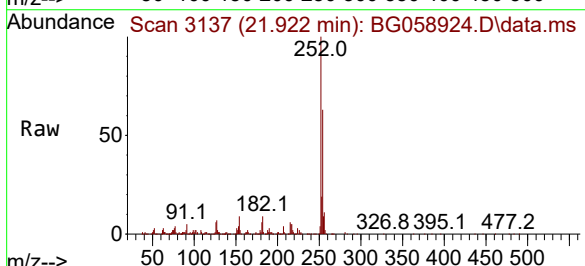
Tgt Ion:252 Resp: 250297

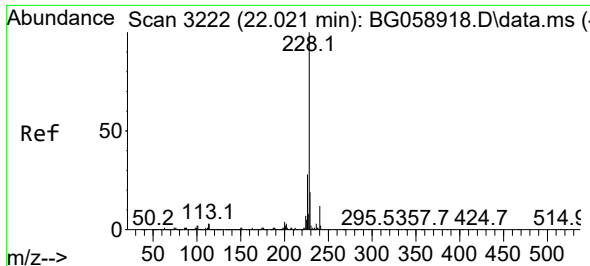
Ion Ratio Lower Upper

252 100

254 62.7 51.0 76.6

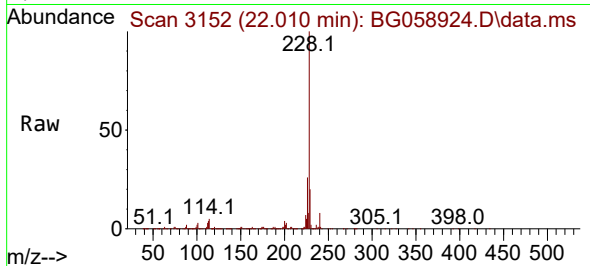
126 5.9 4.7 7.1



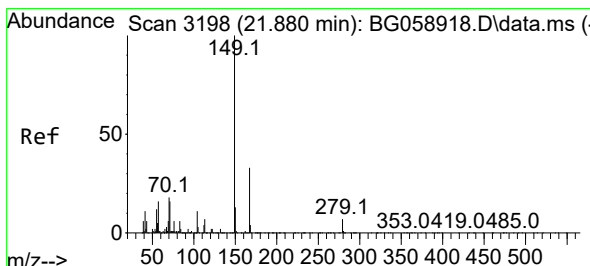
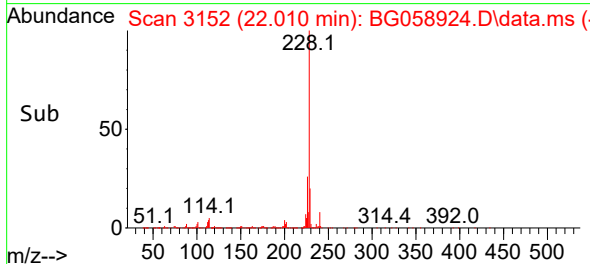
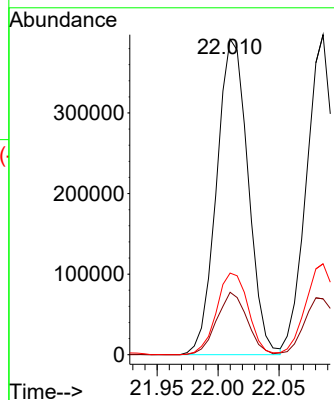


#85
Benzo(a)anthracene
Concen: 20.442 ng/ul
RT: 22.010 min Scan# 31152
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Instrument :
BNA_F
ClientSampleId :

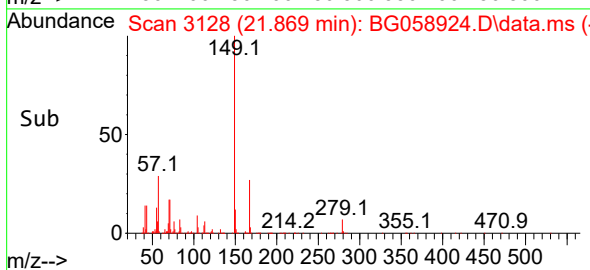
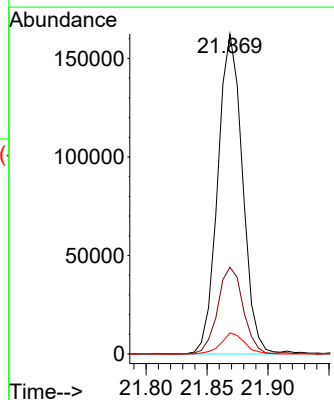
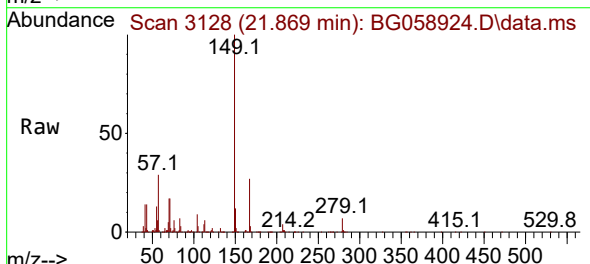


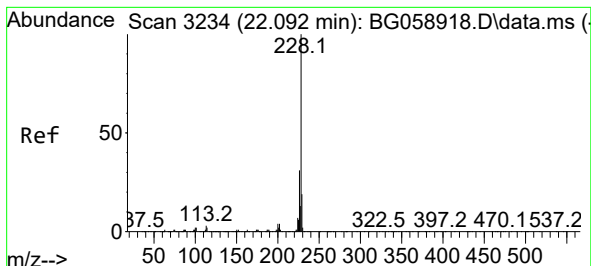
Tgt Ion:228 Resp: 704077
Ion Ratio Lower Upper
228 100
229 19.8 16.4 24.6
226 25.9 22.6 34.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 23.732 ng/ul
RT: 21.869 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BG058924.D
Acq: 8 Sep 2023 19:22

Tgt Ion:149 Resp: 229258
Ion Ratio Lower Upper
149 100
167 27.1 23.4 35.2
279 6.6 5.4 8.0





#87

Chrysene

Concen: 20.568 ng/ul

RT: 22.086 min Scan# 3165

Delta R.T. -0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

Instrument :

BNA_F

ClientSampleId :

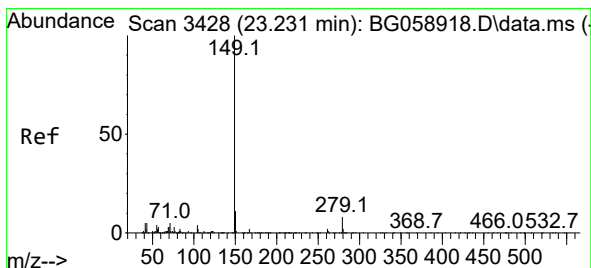
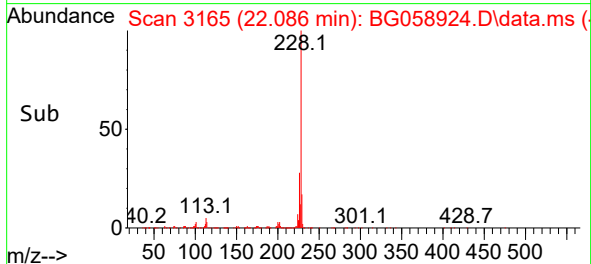
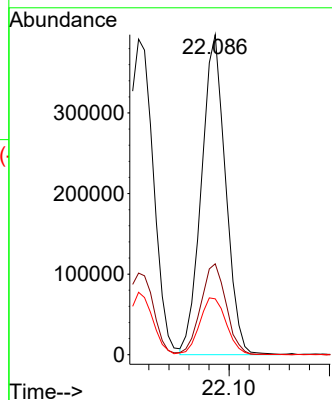
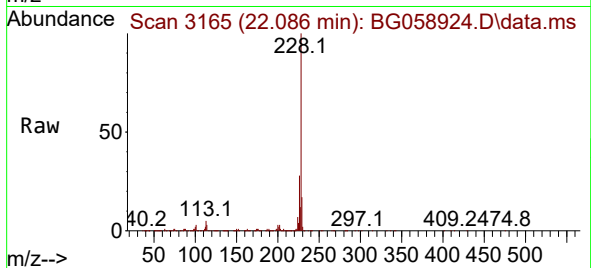
Tgt Ion:228 Resp: 663613

Ion Ratio Lower Upper

228 100

226 28.4 24.7 37.1

229 17.5 14.7 22.1



#89

Di-n-octyl phthalate

Concen: 21.388 ng/ul

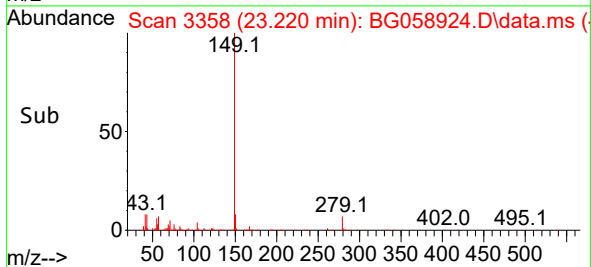
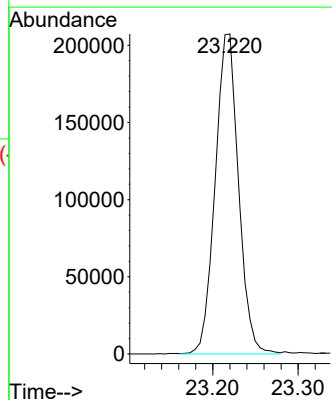
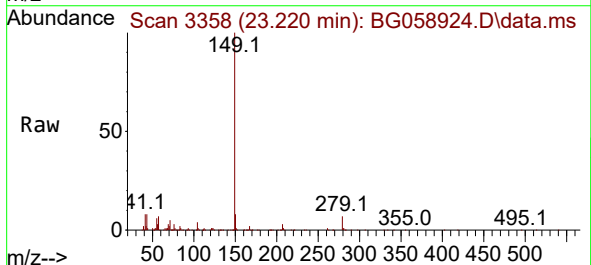
RT: 23.220 min Scan# 3358

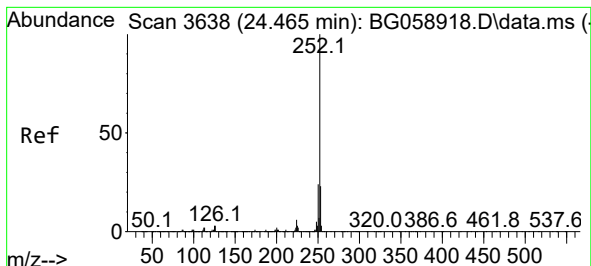
Delta R.T. -0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

Tgt Ion:149 Resp: 394785





#90

Benzo(b)fluoranthene

Concen: 20.390 ng/ul

RT: 24.448 min Scan# 3567

Delta R.T. -0.009 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

Instrument :

BNA_F

ClientSampleId :

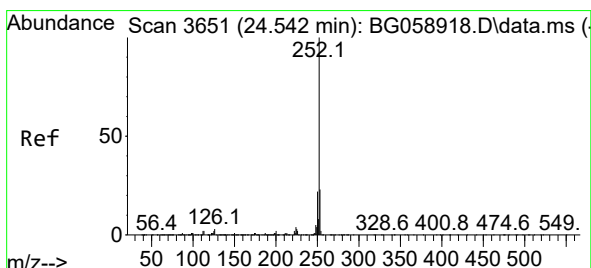
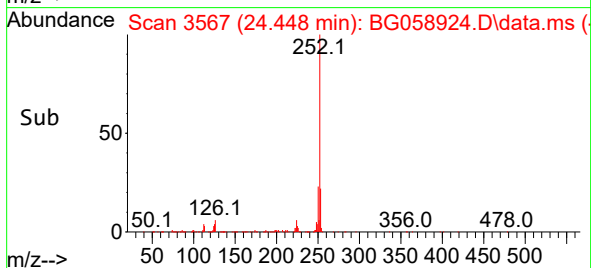
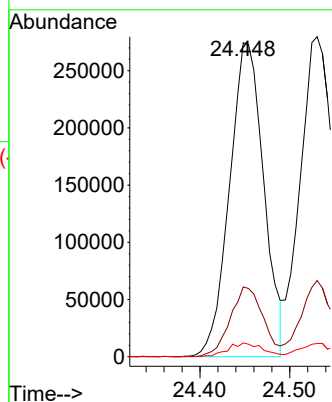
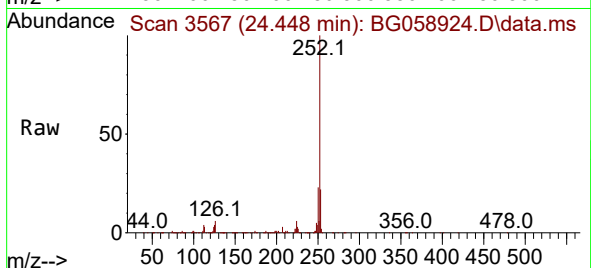
Tgt Ion:252 Resp: 725787

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 4.4 3.9 5.9



#91

Benzo(k)fluoranthene

Concen: 20.437 ng/ul

RT: 24.530 min Scan# 3581

Delta R.T. -0.009 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

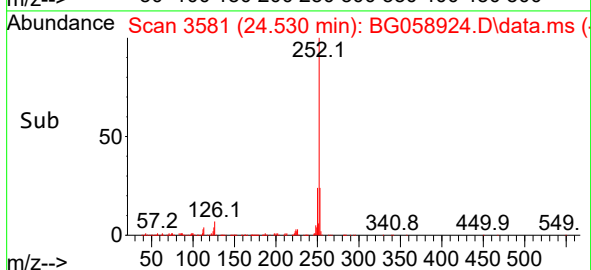
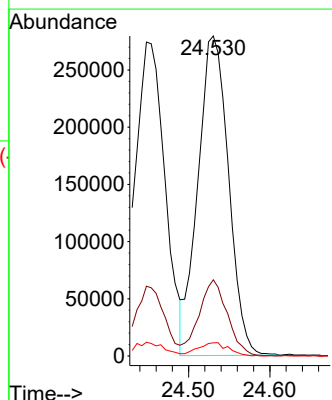
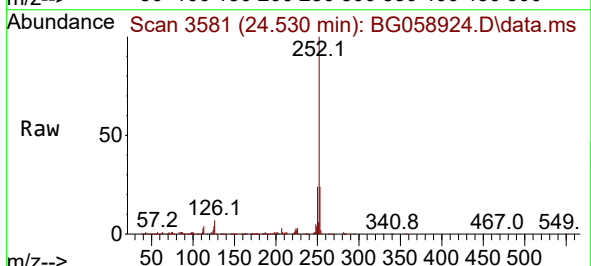
Tgt Ion:252 Resp: 731955

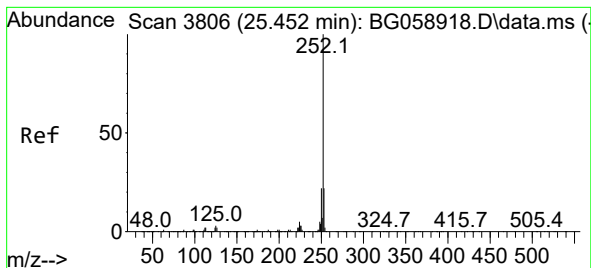
Ion Ratio Lower Upper

252 100

253 23.8 16.6 25.0

125 4.1 3.7 5.5





#93

Benzo(a)pyrene

Concen: 20.514 ng/ul

RT: 25.441 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

Instrument :

BNA_F

ClientSampleId :

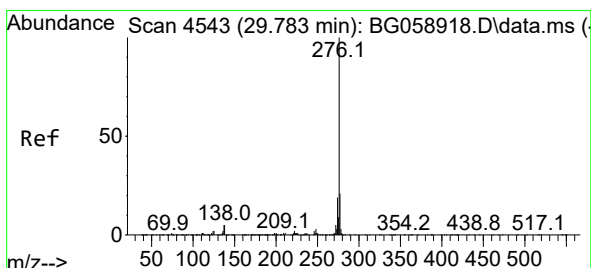
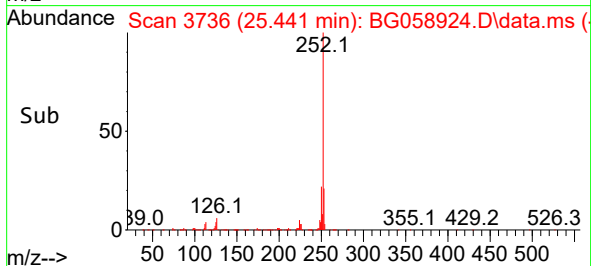
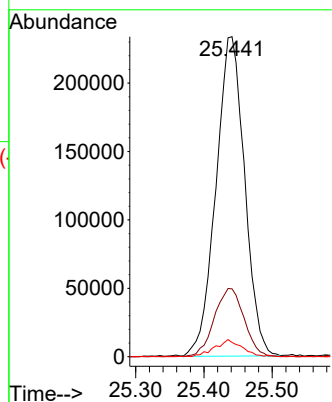
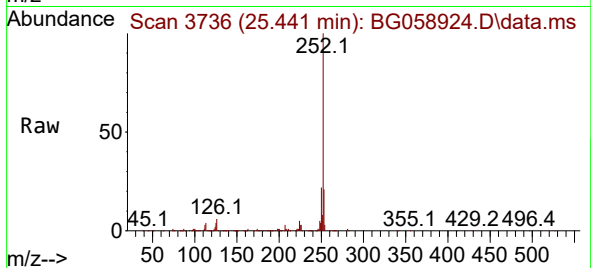
Tgt Ion:252 Resp: 683217

Ion Ratio Lower Upper

252 100

253 21.2 16.4 24.6

125 4.4 4.3 6.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.571 ng/ul

RT: 29.736 min Scan# 4467

Delta R.T. -0.033 min

Lab File: BG058924.D

Acq: 8 Sep 2023 19:22

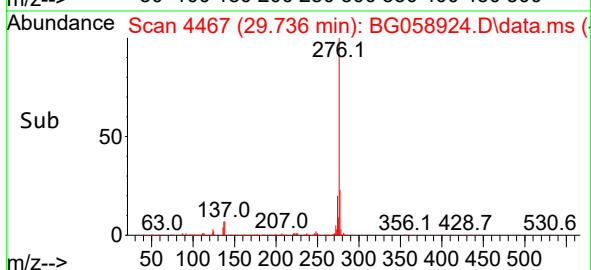
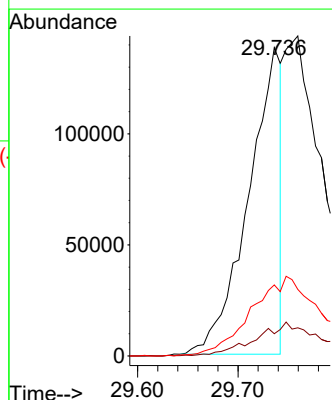
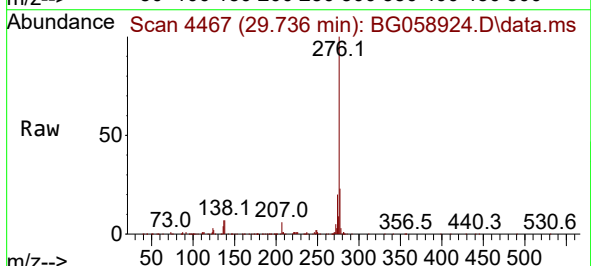
Tgt Ion:276 Resp: 314350

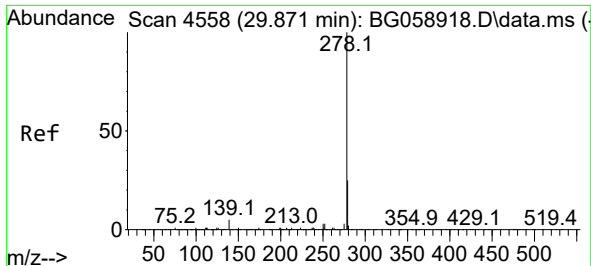
Ion Ratio Lower Upper

276 100

138 7.2 6.2 9.2

277 23.0 17.8 26.6

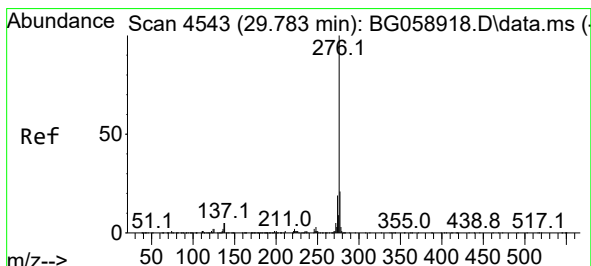
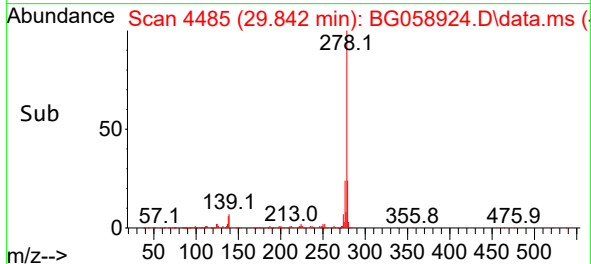
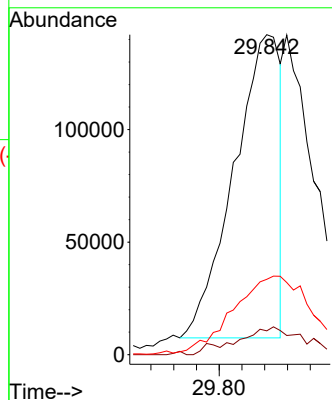
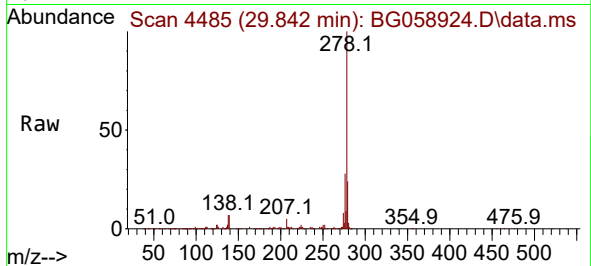




#95
 Dibenzo(a,h)anthracene
 Concen: 11.292 ng/ul
 RT: 29.842 min Scan# 4485
 Delta R.T. -0.015 min
 Lab File: BG058924.D
 Acq: 8 Sep 2023 19:22

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:278 Resp: 381269
 Ion Ratio Lower Upper
 278 100
 139 7.4 5.5 8.3
 279 23.5 19.5 29.3



#96
 Benzo(g,h,i)perylene
 Concen: 11.447 ng/ul
 RT: 31.058 min Scan# 4692
 Delta R.T. -0.015 min
 Lab File: BG058924.D
 Acq: 8 Sep 2023 19:22

Tgt Ion:276 Resp: 377358
 Ion Ratio Lower Upper
 276 100
 138 8.3 8.7 13.1#
 277 23.8 19.7 29.5

