

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
 Data File : BG058427.D
 Acq On : 23 Jul 2023 10:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 24 01:28:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	61693	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	261552	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	162728	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	344707	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	286232	20.000	ng/ul	0.00
88) Perylene-d12	24.668	264	350686	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	14101	8.413	ng/uL	0.00
4) Pyridine-d5	3.751	84	108352	21.779	ng/ul	0.00
7) Phenol-d5	7.065	99	121917	20.832	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.218	67	73996	20.229	ng/ul	0.00
11) 2-Chlorophenol-d4	7.429	132	88467	21.595	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	89842	20.126	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	44665	22.783	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	47233	22.069	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	89845	21.898	ng/ul	0.00
31) 4-Chloroaniline-d4	10.831	131	116225	19.541	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	247988	19.763	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	299875	22.804	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	30950	16.332	ng/ul	0.00
60) Fluorene-d10	15.526	176	216421	20.832	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	13809	7.863	ng/ul	0.00
73) Anthracene-d10	17.377	188	330678	22.202	ng/ul	0.00
81) Pyrene-d10	19.668	212	363684	21.512	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.451	264	367935	21.707	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	15516	8.161	ng/uL	87
5) Pyridine	3.769	79	112882	21.485	ng/ul	97
6) Benzaldehyde	7.036	77	40131	16.979	ng/ul	92
8) Phenol	7.089	94	126563	20.824	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.312	93	94911	20.385	ng/ul	98
12) 2-Chlorophenol	7.459	128	91967	21.447	ng/ul	97
13) 2-Methylphenol	8.340	108	97774	20.641	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.422	45	154999	20.314	ng/ul	96
16) Acetophenone	8.716	105	148770	19.569	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.698	70	77539	18.636	ng/ul	98
18) 4-Methylphenol	8.663	108	103478	20.101	ng/ul	99
19) Hexachloroethane	8.975	117	33157	19.616	ng/ul	92
22) Nitrobenzene	9.098	77	112295	21.479	ng/ul	98
23) Isophorone	9.615	82	228715	19.513	ng/ul	98
25) 2-Nitrophenol	9.809	139	50597	22.132	ng/ul	95
26) 2,4-Dimethylphenol	9.868	107	110869	21.750	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.103	93	132573	21.356	ng/ul#	97
29) 2,4-Dichlorophenol	10.344	162	86997	22.340	ng/ul	93
30) Naphthalene	10.749	128	306659	21.935	ng/ul	99
32) 4-Chloroaniline	10.855	127	121389	19.968	ng/ul	100
33) Hexachlorobutadiene	11.025	225	63583	22.834	ng/ul	96
34) Caprolactam	11.613	113	27396	16.938	ng/ul	99
35) 4-Chloro-3-methylphenol	11.989	107	97976	19.770	ng/ul	96
36) 2-Methylnaphthalene	12.359	142	199190	21.266	ng/ul	99

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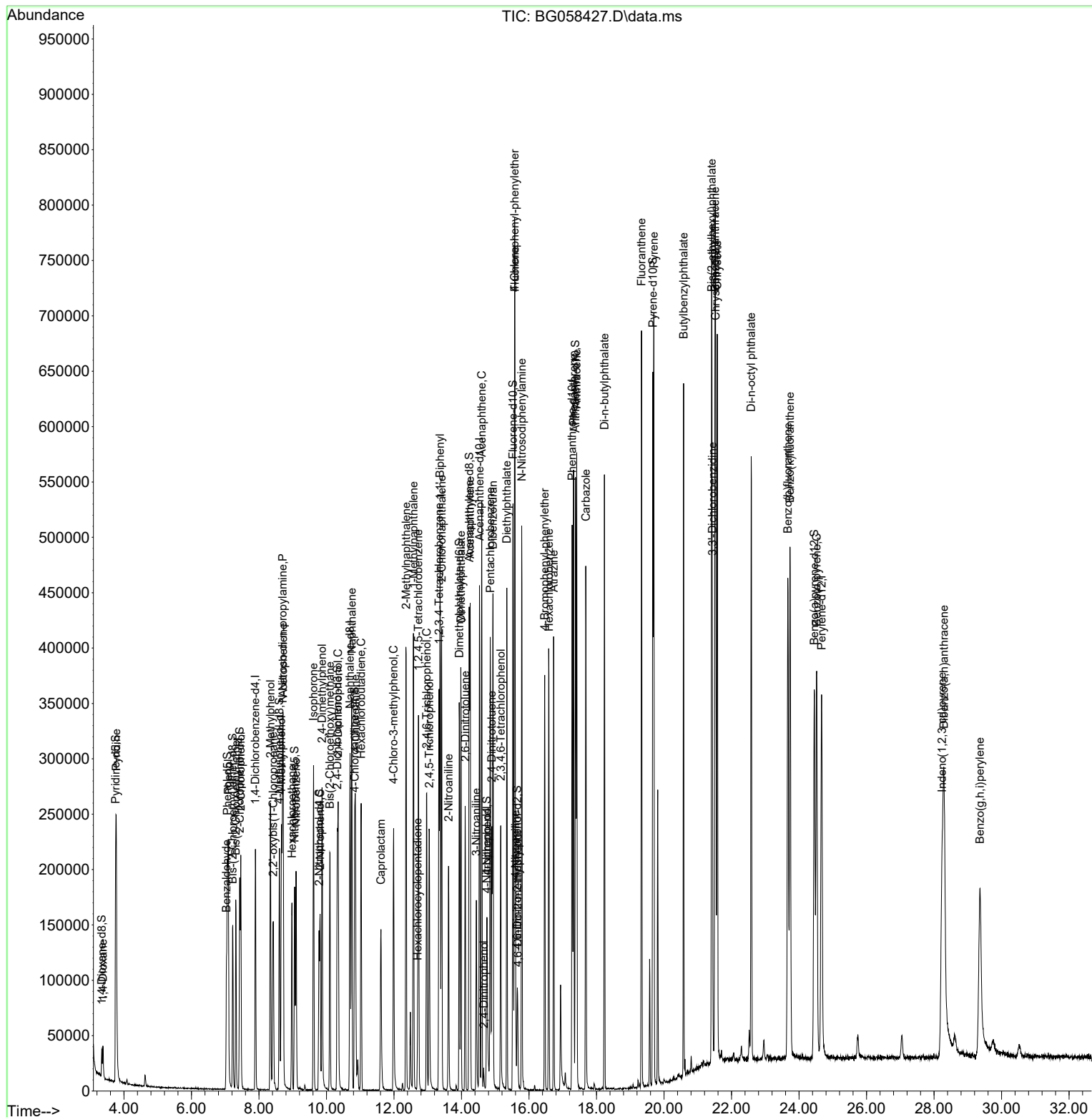
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.576	142	196110	20.429	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.723	216	115159	24.446	ng/ul	99
40) Hexachlorocyclopentadiene	12.700	237	14766	5.828	ng/ul	95
41) 2,4,6-Trichlorophenol	12.970	196	74372	23.322	ng/ul	99
42) 2,4,5-Trichlorophenol	13.046	196	74350	21.865	ng/ul	99
43) 1,1'-Biphenyl	13.364	154	259711	23.602	ng/ul	99
44) 2-Chloronaphthalene	13.411	162	207541	23.722	ng/ul	95
45) 2-Nitroaniline	13.616	65	66051	21.735	ng/ul	99
47) Dimethylphthalate	13.981	163	254099	20.160	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	52548	21.575	ng/ul	96
50) Acenaphthylene	14.257	152	318073	22.408	ng/ul	100
51) 3-Nitroaniline	14.439	138	43790	21.574	ng/ul	89
52) Acenaphthene	14.597	153	217580	22.077	ng/ul	99
53) 2,4-Dinitrophenol	14.662	184	4459	3.440	ng/ul	88
55) 4-Nitrophenol	14.756	109	23491	16.095	ng/ul	87
56) Dibenzofuran	14.932	168	307356	21.902	ng/ul	100
57) 2,4-Dinitrotoluene	14.897	165	71667	20.401	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.162	232	58724	18.692	ng/ul#	99
59) Diethylphthalate	15.344	149	250637	19.302	ng/ul	99
61) Fluorene	15.579	166	242071	21.035	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	127358	20.847	ng/ul	99
63) 4-Nitroaniline	15.602	138	30535	16.625	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.667	198	14180	7.848	ng/ul#	99
67) N-Nitrosodiphenylamine	15.784	169	197688	23.136	ng/ul	98
68) 4-Bromophenyl-phenylether	16.466	248	82763	22.668	ng/ul	97
69) Hexachlorobenzene	16.589	284	90688	22.012	ng/ul	99
70) Atrazine	16.730	200	73291	21.877	ng/ul	96
72) Phenanthrene	17.318	178	364614	22.258	ng/ul	98
74) Anthracene	17.412	178	361844	22.003	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	116300	26.898	ng/uL	97
76) Pentachlorobenzene	14.850	250	115716	24.473	ng/uL	97
77) Carbazole	17.682	167	328145	23.019	ng/ul	99
78) Di-n-butylphthalate	18.234	149	417629	23.055	ng/ul	99
80) Fluoranthene	19.333	202	426814	22.038	ng/ul	98
82) Pyrene	19.697	202	431271	21.977	ng/ul	99
83) Butylbenzylphthalate	20.579	149	181301	23.462	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.431	252	151493	23.710	ng/ul	99
85) Benzo(a)anthracene	21.513	228	433935	22.555	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	266672	24.263	ng/ul	97
87) Chrysene	21.578	228	405284	22.209	ng/ul	100
89) Di-n-octyl phthalate	22.582	149	468221	25.094	ng/ul	100
90) Benzo(b)fluoranthene	23.669	252	451330	22.244	ng/ul	98
91) Benzo(k)fluoranthene	23.734	252	433863	21.440	ng/ul	99
93) Benzo(a)pyrene	24.521	252	395009	21.888	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.240	276	453764	19.084	ng/ul	98
95) Dibenzo(a,h)anthracene	28.293	278	396501	20.335	ng/ul	97
96) Benzo(g,h,i)perylene	29.363	276	325367	16.795	ng/ul	98

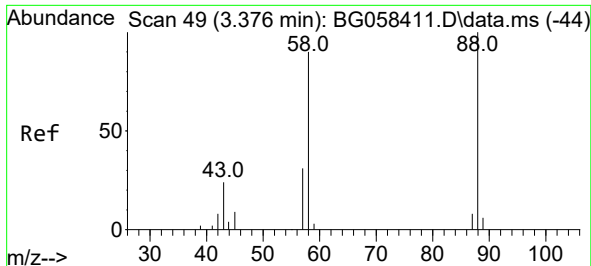
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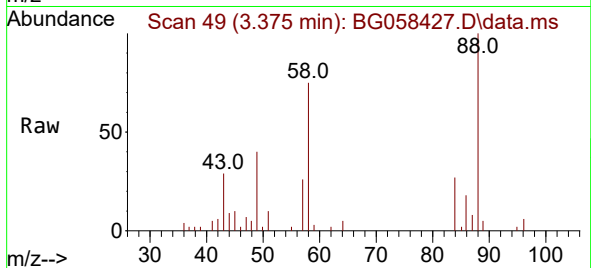
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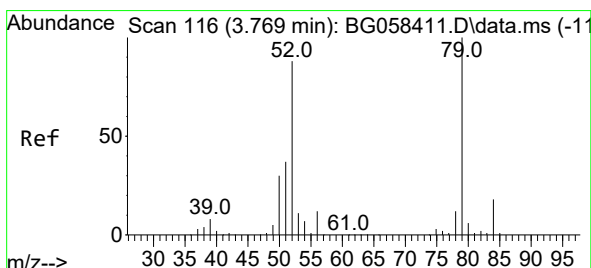
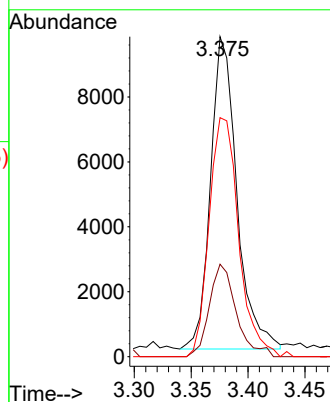
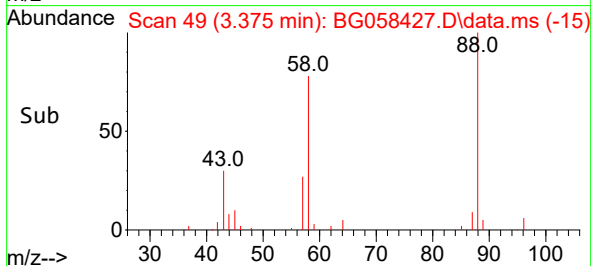


#2
1,4-Dioxane
Concen: 8.161 ng/uL
RT: 3.375 min Scan# 49
Delta R.T. 0.000 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

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ClientSampleId :

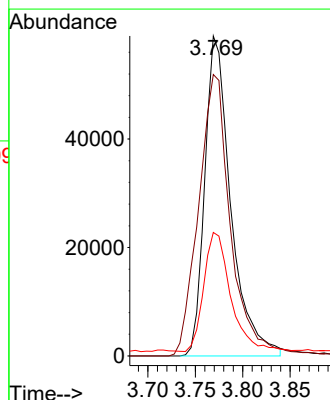
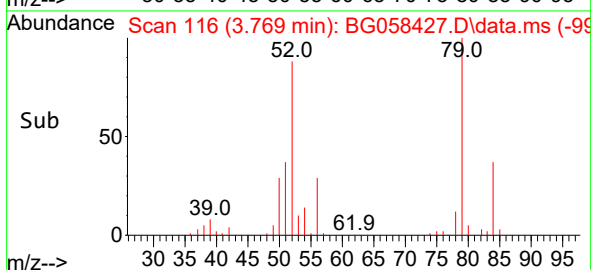
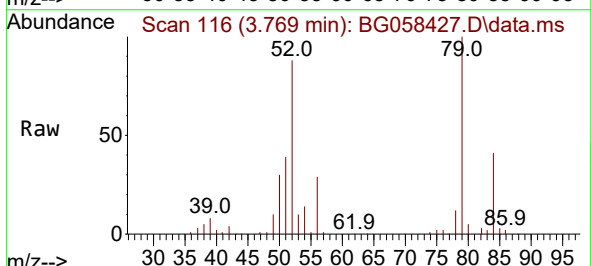


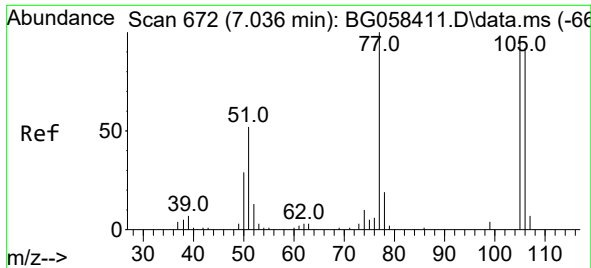
Tgt Ion: 88 Resp: 15516
Ion Ratio Lower Upper
88 100
43 28.9 19.6 29.4
58 74.7 70.2 105.4



#5
Pyridine
Concen: 21.485 ng/uL
RT: 3.769 min Scan# 116
Delta R.T. 0.001 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Tgt Ion: 79 Resp: 112882
Ion Ratio Lower Upper
79 100
52 87.9 72.3 108.5
51 38.6 33.4 50.0

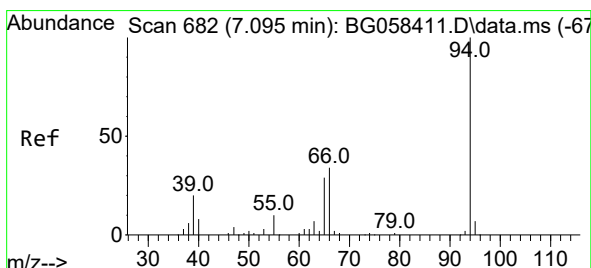
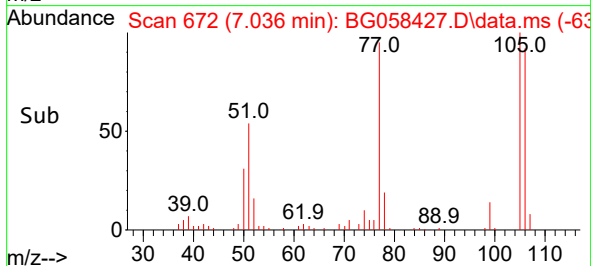
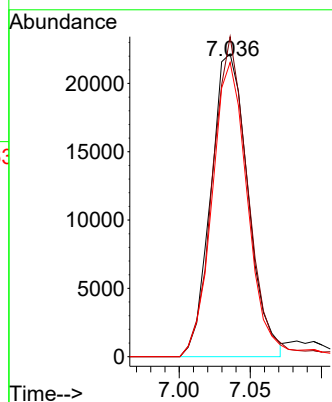
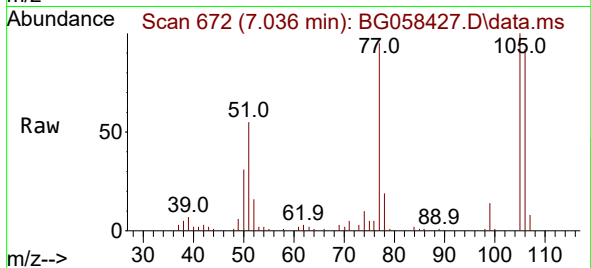




#6
Benzaldehyde
Concen: 16.979 ng/ul
RT: 7.036 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

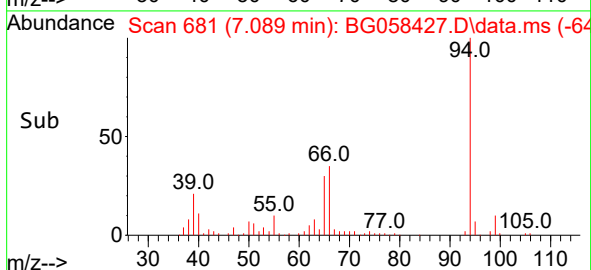
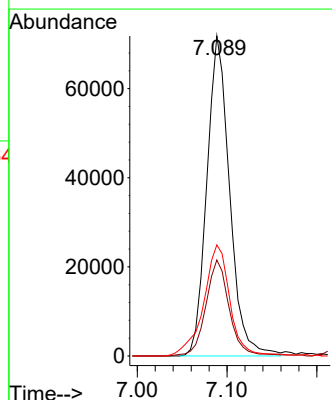
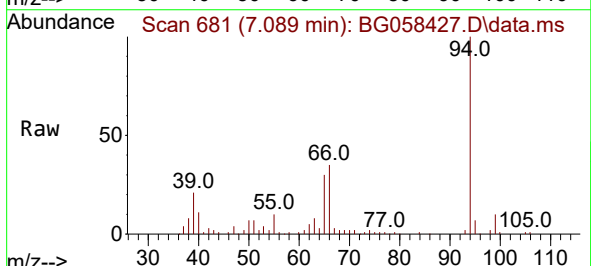
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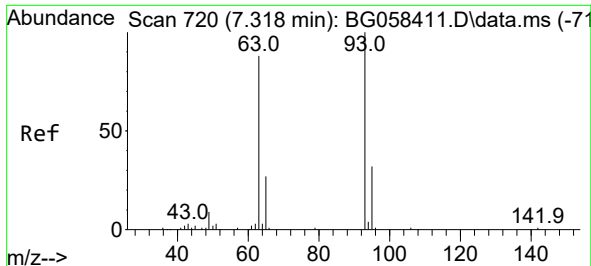
Tgt Ion: 77 Resp: 40131
Ion Ratio Lower Upper
77 100
105 105.6 78.2 117.4
106 97.1 71.6 107.4



#8
Phenol
Concen: 20.824 ng/ul
RT: 7.089 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Tgt Ion: 94 Resp: 126563
Ion Ratio Lower Upper
94 100
65 30.0 23.8 35.8
66 34.7 31.2 46.8

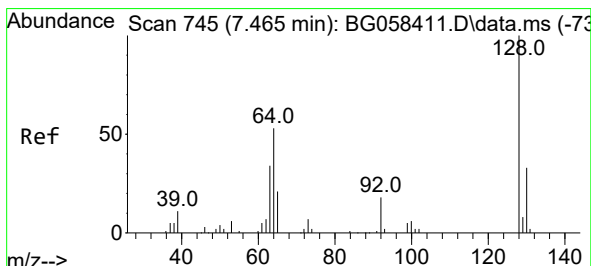
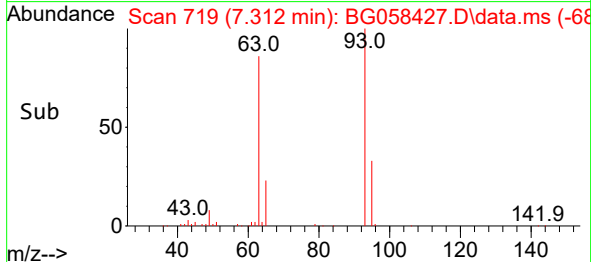
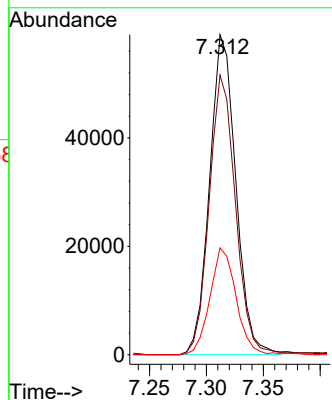
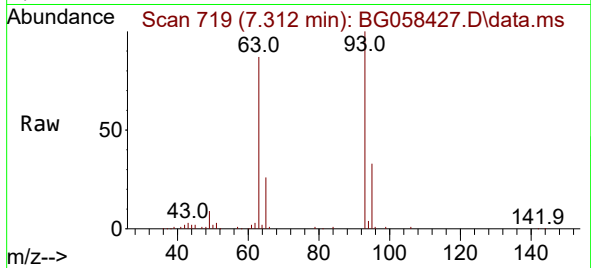




#10
Bis(2-Chloroethyl)ether
Concen: 20.385 ng/ul
RT: 7.312 min Scan# 719
Delta R.T. -0.005 min
Lab File: BG058427.D
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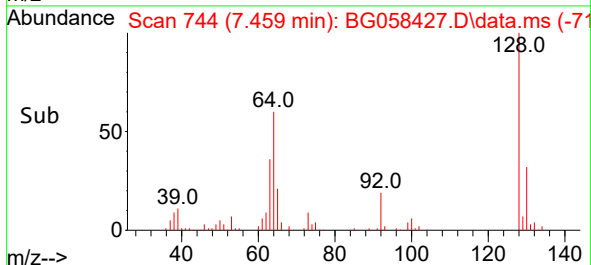
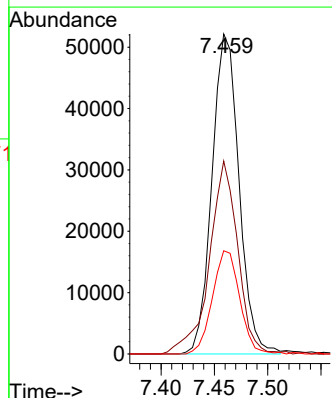
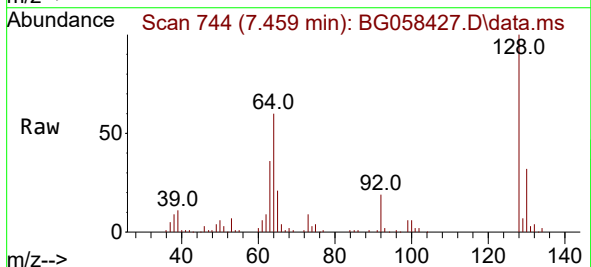
Instrument :
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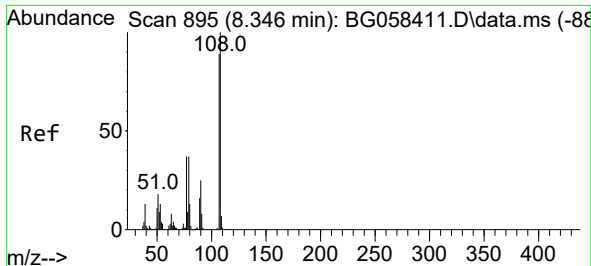
Tgt Ion: 93 Resp: 94911
Ion Ratio Lower Upper
93 100
63 87.3 67.7 101.5
95 33.4 27.0 40.6



#12
2-Chlorophenol
Concen: 21.447 ng/ul
RT: 7.459 min Scan# 744
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Tgt Ion:128 Resp: 91967
Ion Ratio Lower Upper
128 100
64 60.3 45.6 68.4
130 32.2 25.2 37.8

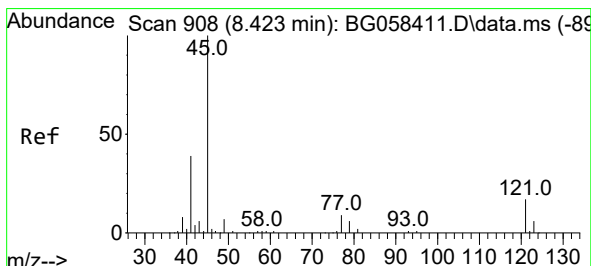
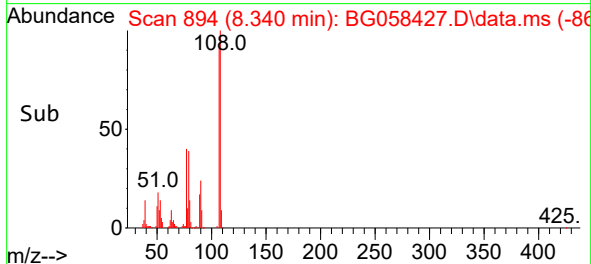
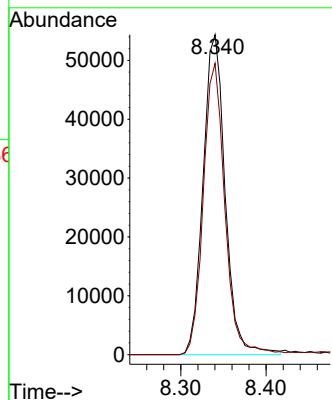
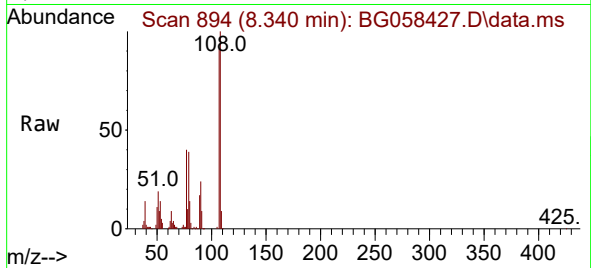




#13
2-Methylphenol
Concen: 20.641 ng/ul
RT: 8.340 min Scan# 895
Delta R.T. 0.001 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

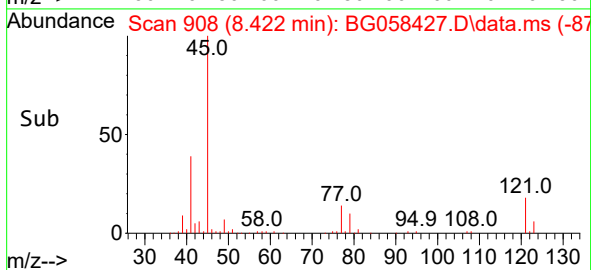
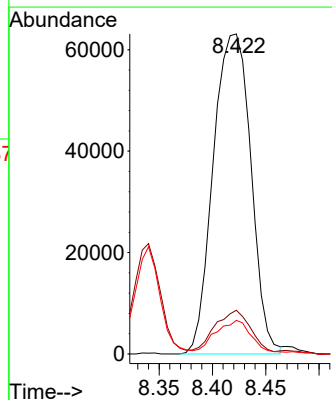
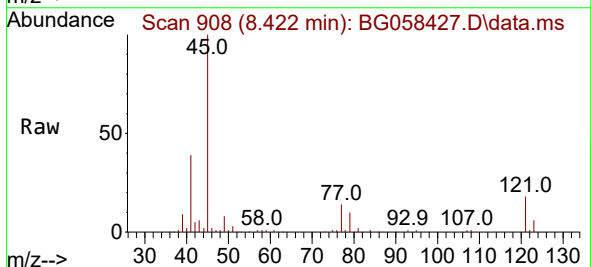
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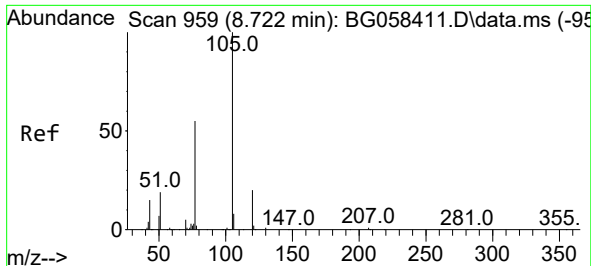
Tgt Ion:108 Resp: 97774
Ion Ratio Lower Upper
108 100
107 91.0 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.314 ng/ul
RT: 8.422 min Scan# 908
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Tgt Ion: 45 Resp: 154999
Ion Ratio Lower Upper
45 100
77 13.7 9.4 14.2
79 10.5 7.4 11.2

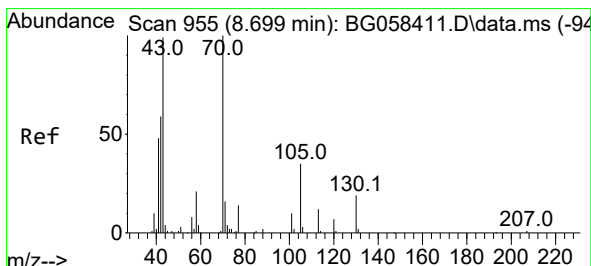
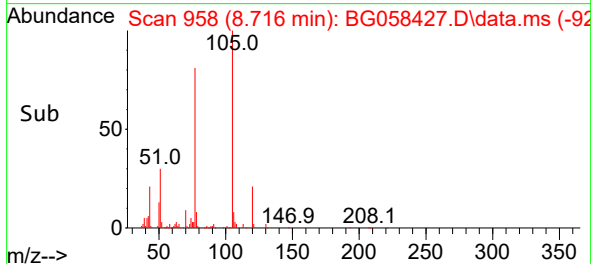
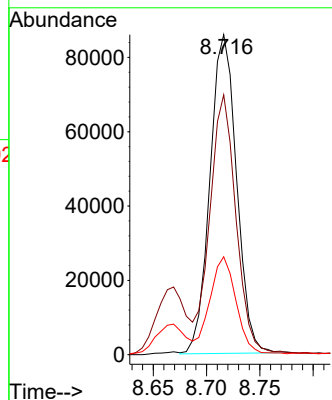
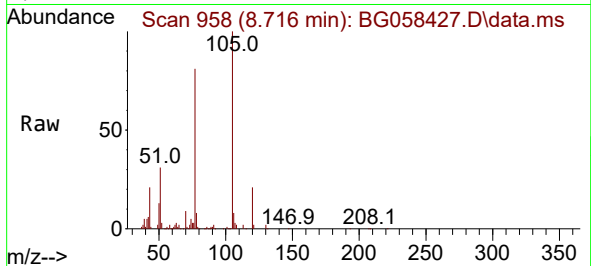




#16
Acetophenone
Concen: 19.569 ng/ul
RT: 8.716 min Scan# 911
Delta R.T. -0.005 min
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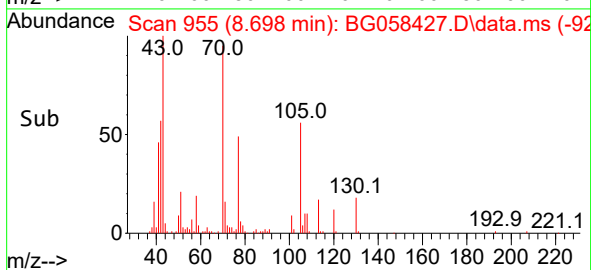
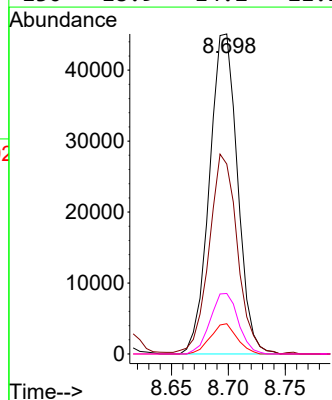
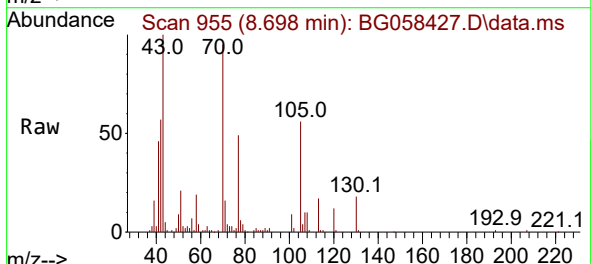
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BNA_N
ClientSampleId :

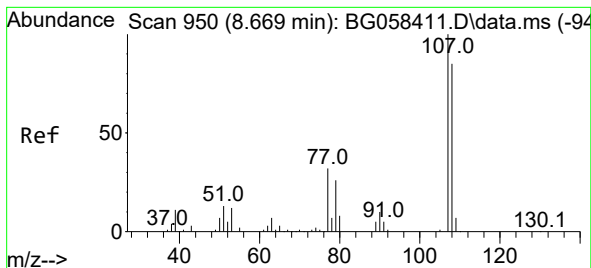
Tgt Ion:105 Resp: 148770
Ion Ratio Lower Upper
105 100
77 81.2 60.7 91.1
51 30.6 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 18.636 ng/ul
RT: 8.698 min Scan# 955
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Tgt Ion: 70 Resp: 77539
Ion Ratio Lower Upper
70 100
42 59.3 46.6 69.8
101 9.5 7.3 10.9
130 18.9 14.2 21.2

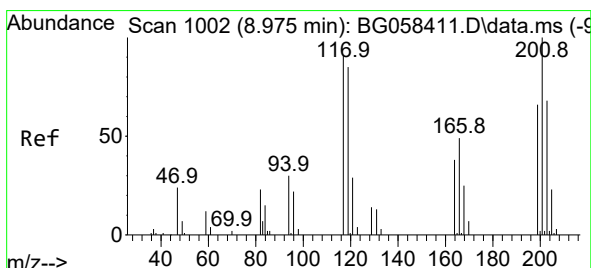
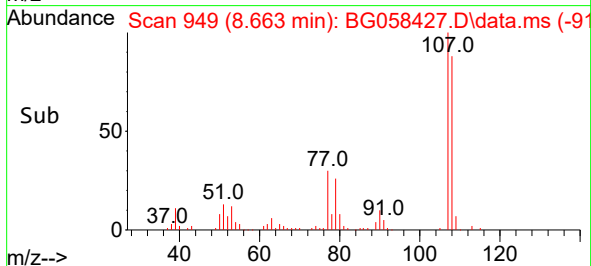
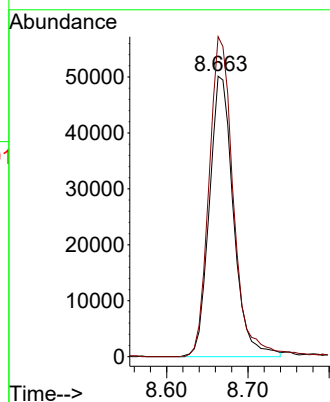
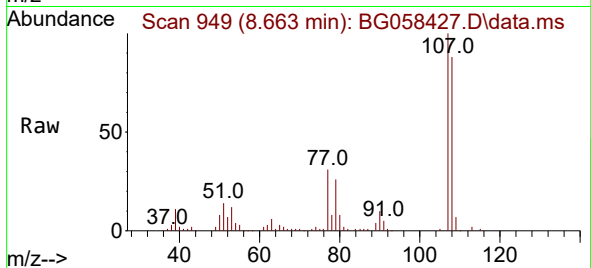




#18
4-Methylphenol
Concen: 20.101 ng/ul
RT: 8.663 min Scan# 94
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

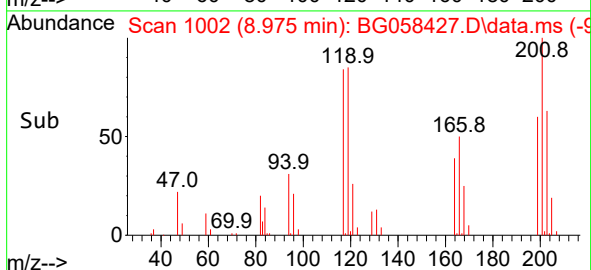
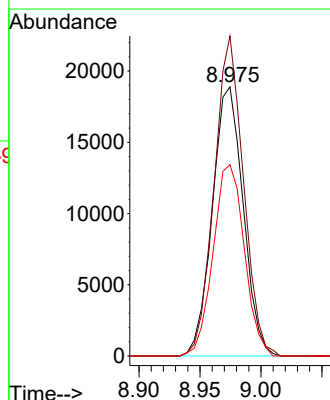
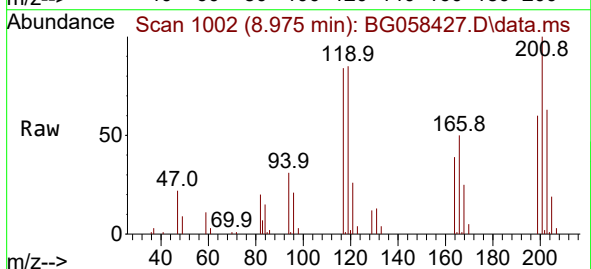
Instrument :
BNA_N
ClientSampleId :

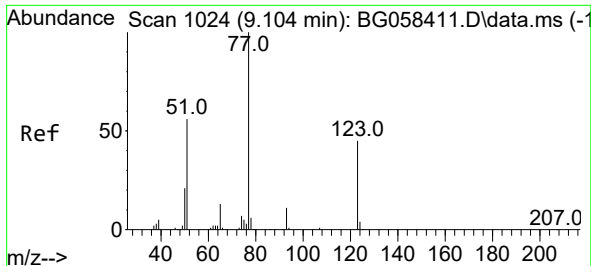
Tgt Ion:108 Resp: 103478
Ion Ratio Lower Upper
108 100
107 114.1 90.6 136.0



#19
Hexachloroethane
Concen: 19.616 ng/ul
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Tgt Ion:117 Resp: 33157
Ion Ratio Lower Upper
117 100
201 118.9 103.6 155.4
199 71.1 60.1 90.1





#22

Nitrobenzene

Concen: 21.479 ng/ul

RT: 9.098 min Scan# 110

Delta R.T. -0.005 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

Instrument :

BNA_N

ClientSampleId :

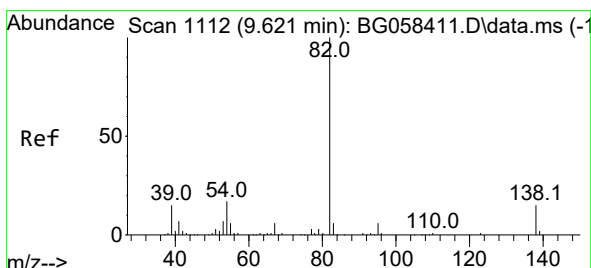
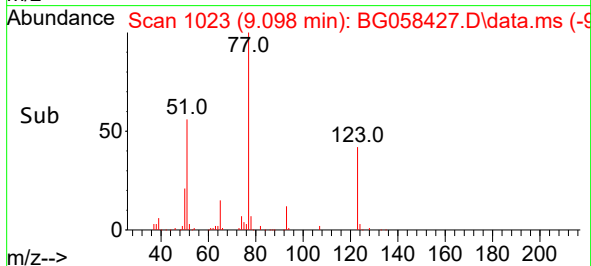
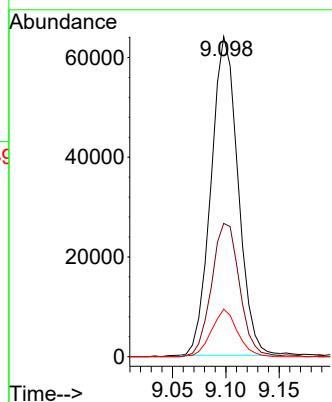
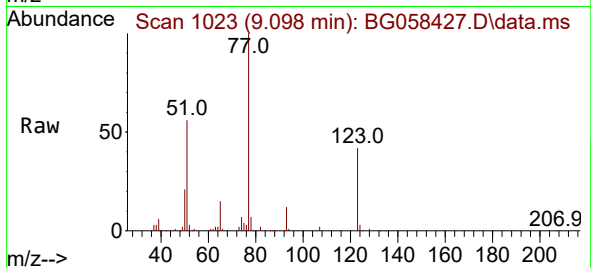
Tgt Ion: 77 Resp: 112295

Ion Ratio Lower Upper

77 100

123 41.6 34.0 51.0

65 14.8 11.0 16.6



#23

Isophorone

Concen: 19.513 ng/ul

RT: 9.615 min Scan# 1111

Delta R.T. -0.005 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

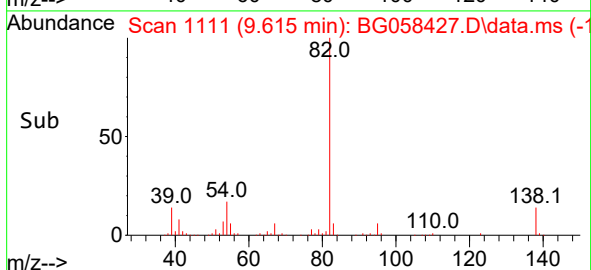
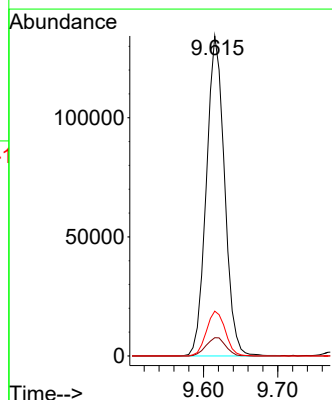
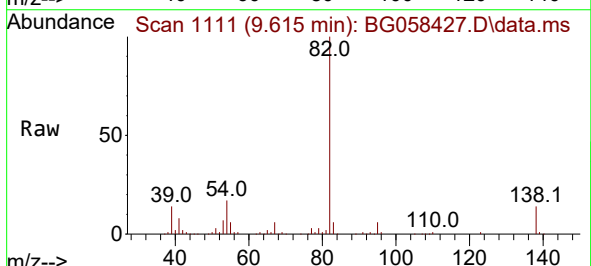
Tgt Ion: 82 Resp: 228715

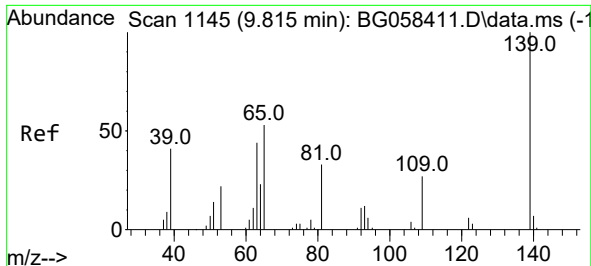
Ion Ratio Lower Upper

82 100

95 5.7 5.1 7.7

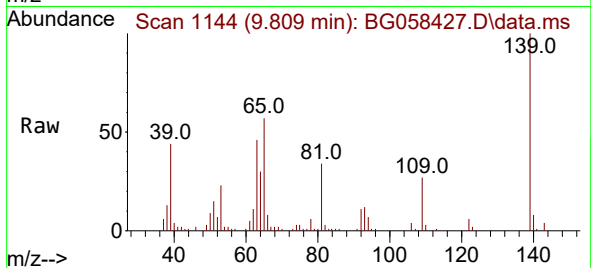
138 14.0 11.9 17.9



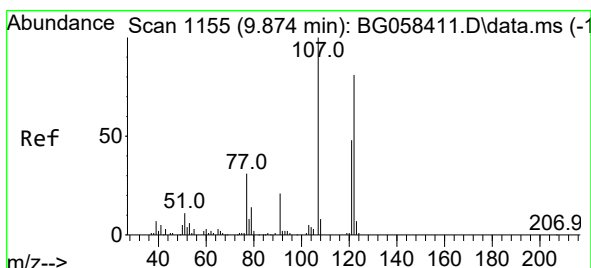
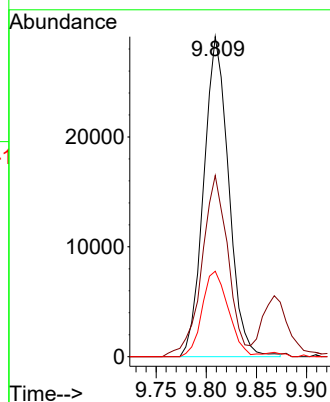
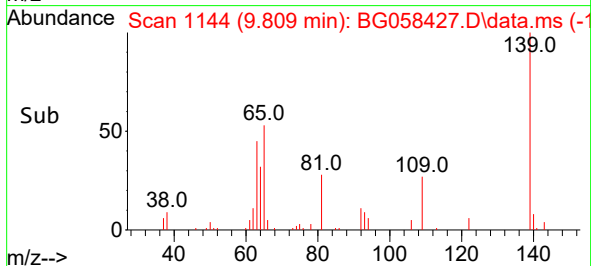


#25
2-Nitrophenol
Concen: 22.132 ng/ul
RT: 9.809 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

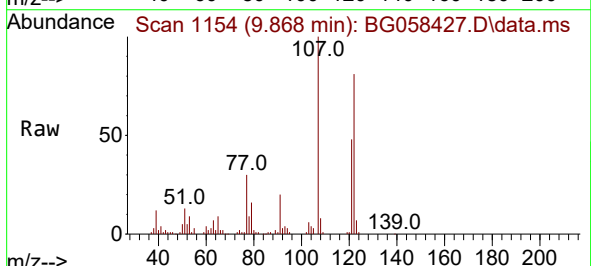
Instrument :
BNA_N
ClientSampleId :



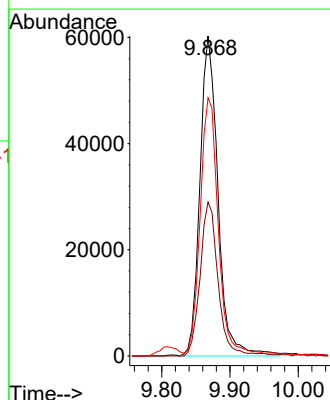
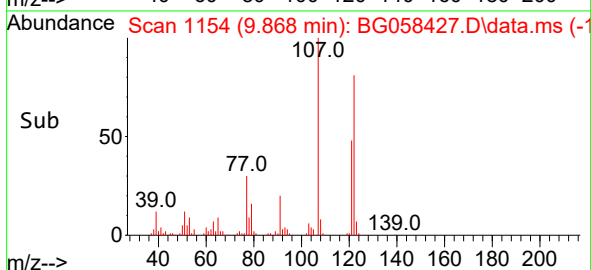
Tgt Ion:139 Resp: 50597
Ion Ratio Lower Upper
139 100
65 56.6 49.2 73.8
109 26.7 21.6 32.4

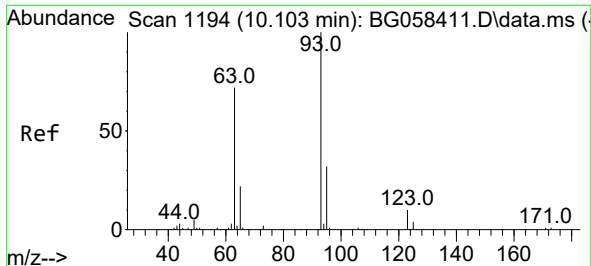


#26
2,4-Dimethylphenol
Concen: 21.750 ng/ul
RT: 9.868 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04



Tgt Ion:107 Resp: 110869
Ion Ratio Lower Upper
107 100
121 48.1 39.1 58.7
122 80.7 68.9 103.3

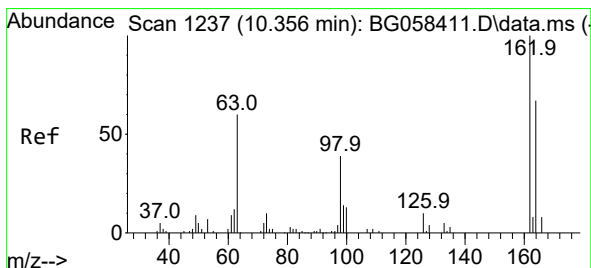
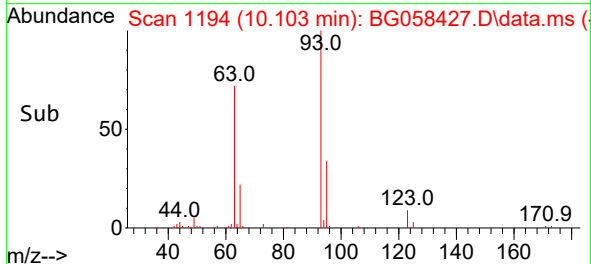
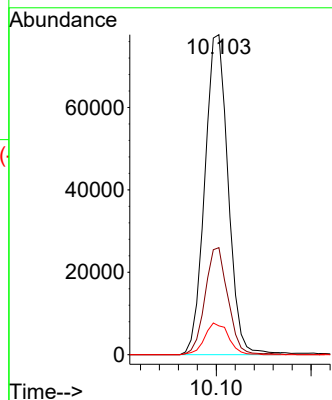
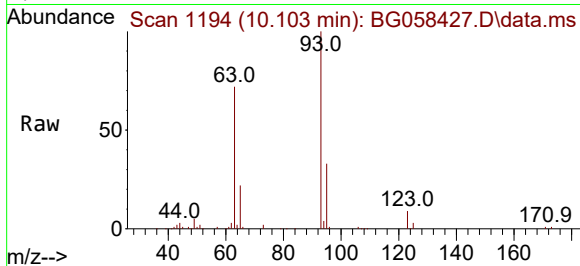




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.356 ng/ul
 RT: 10.103 min Scan# 1194
 Delta R.T. -0.005 min
 Lab File: BG058427.D
 Acq: 23 Jul 2023 10:04

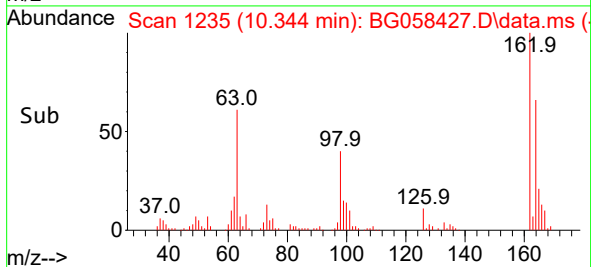
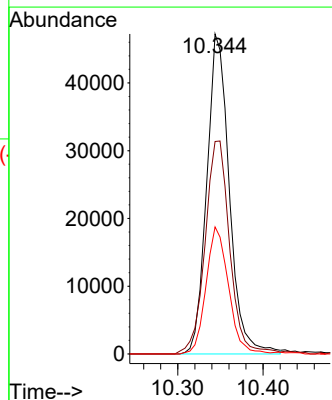
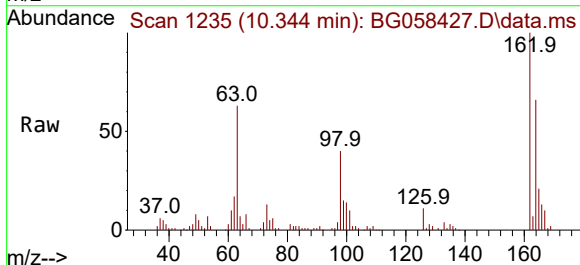
Instrument :
 BNA_N
 ClientSampleId :

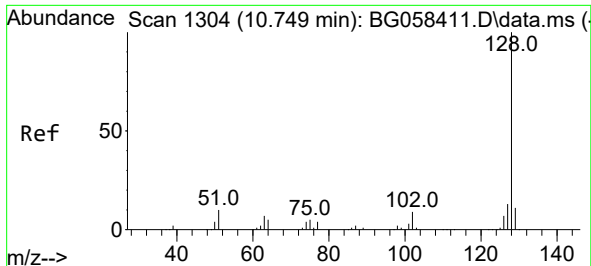
Tgt Ion: 93 Resp: 132573
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.8 38.8
 123 9.0 9.3 13.9#



#29
 2,4-Dichlorophenol
 Concen: 22.340 ng/ul
 RT: 10.344 min Scan# 1235
 Delta R.T. -0.005 min
 Lab File: BG058427.D
 Acq: 23 Jul 2023 10:04

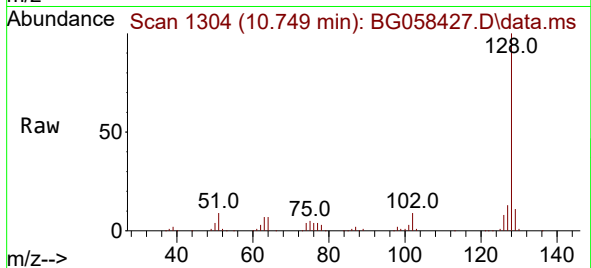
Tgt Ion:162 Resp: 86997
 Ion Ratio Lower Upper
 162 100
 164 66.4 58.4 87.6
 98 39.7 29.6 44.4



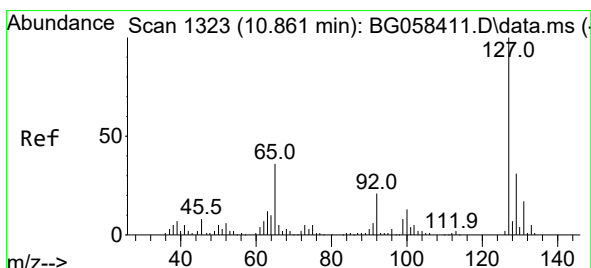
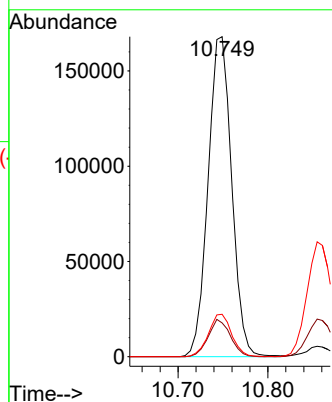
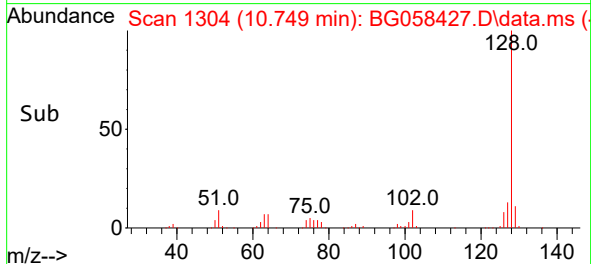


#30
Naphthalene
Concen: 21.935 ng/ul
RT: 10.749 min Scan# 1304
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Instrument :
BNA_N
ClientSampleId :

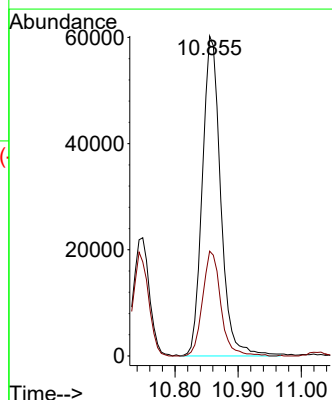
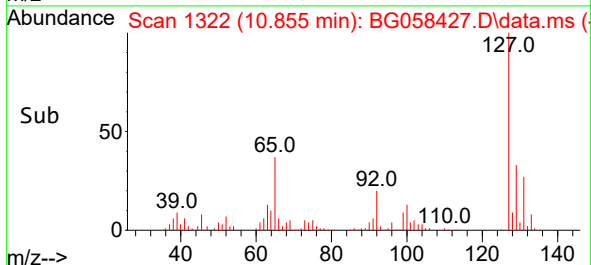
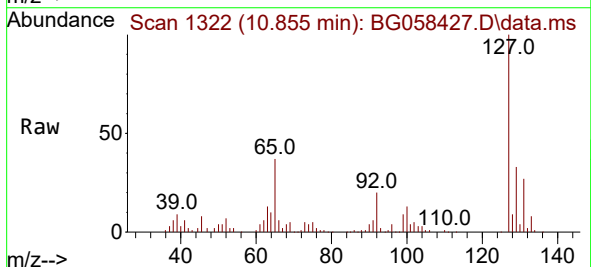


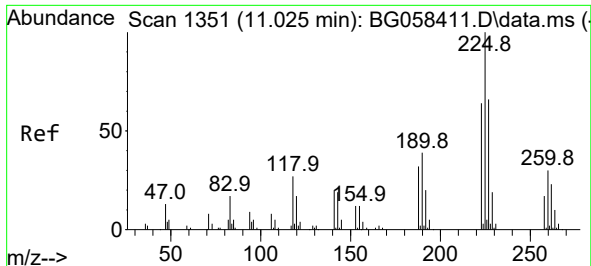
Tgt Ion:128 Resp: 306659
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.3 10.8 16.2



#32
4-Chloroaniline
Concen: 19.968 ng/ul
RT: 10.855 min Scan# 1322
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

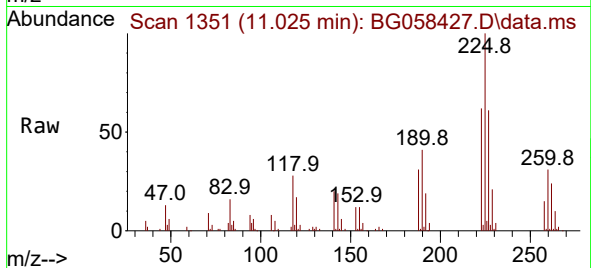
Tgt Ion:127 Resp: 121389
Ion Ratio Lower Upper
127 100
129 32.8 26.1 39.1



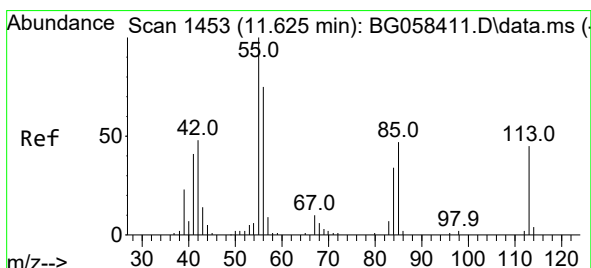
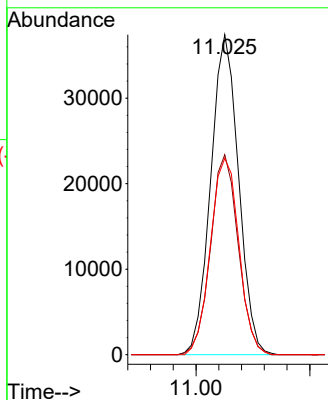
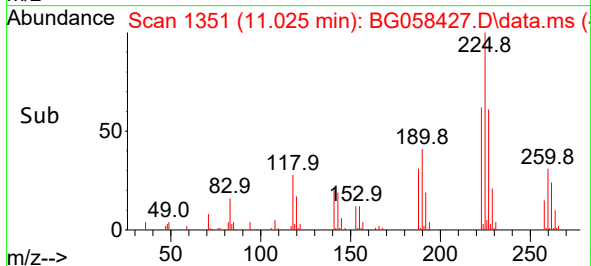


#33
Hexachlorobutadiene
Concen: 22.834 ng/ul
RT: 11.025 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Instrument :
BNA_N
ClientSampleId :

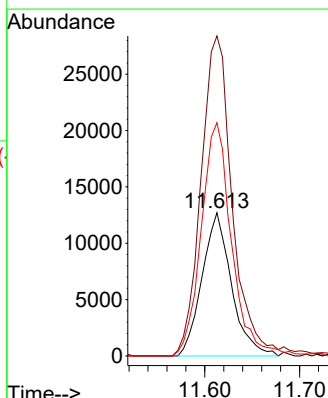
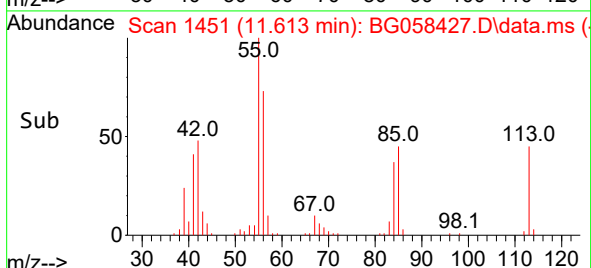
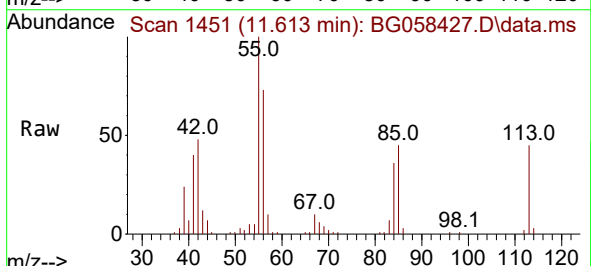


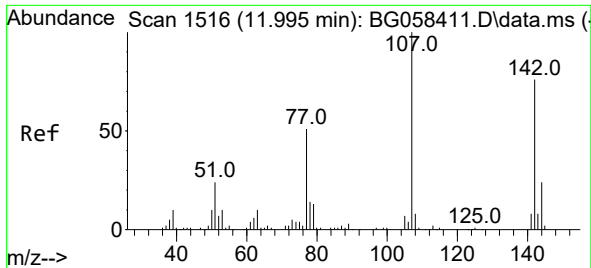
Tgt Ion:225 Resp: 63583
Ion Ratio Lower Upper
225 100
223 62.5 49.7 74.5
227 61.4 53.2 79.8



#34
Caprolactam
Concen: 16.938 ng/ul
RT: 11.613 min Scan# 1451
Delta R.T. -0.023 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Tgt Ion:113 Resp: 27396
Ion Ratio Lower Upper
113 100
55 223.4 179.8 269.6
56 162.9 132.2 198.4

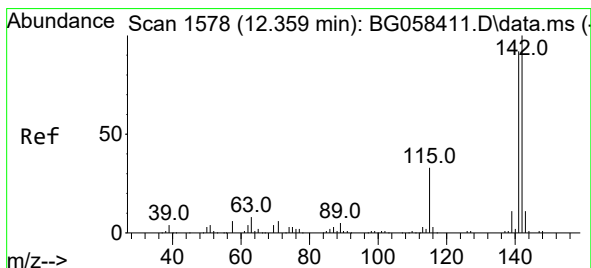
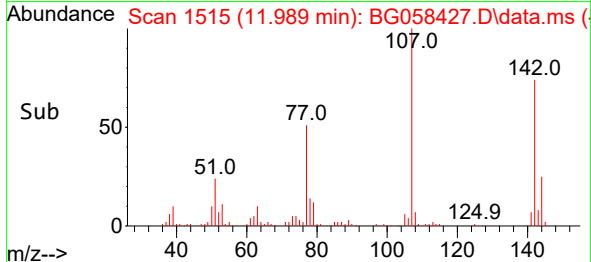
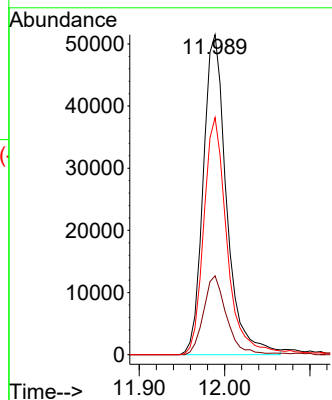
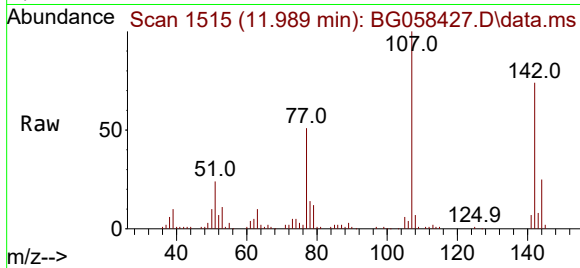




#35
 4-Chloro-3-methylphenol
 Concen: 19.770 ng/ul
 RT: 11.989 min Scan# 1516
 Delta R.T. 0.001 min
 Lab File: BG058427.D
 Acq: 23 Jul 2023 10:04

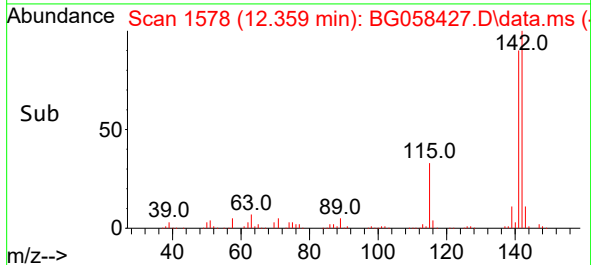
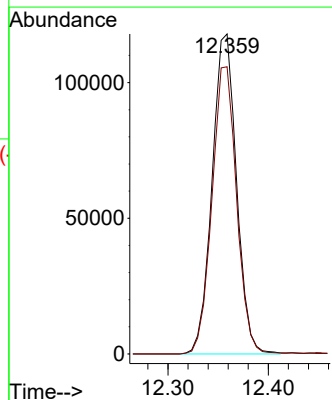
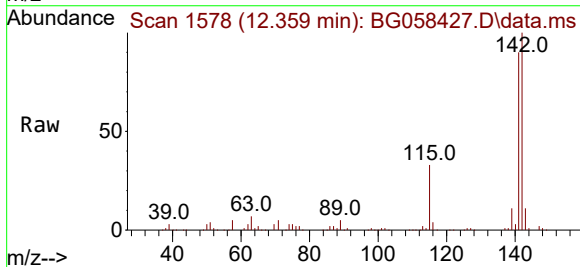
Instrument :
 BNA_N
 ClientSampleId :

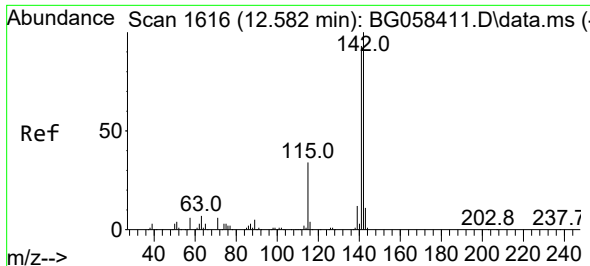
Tgt Ion:	107	Resp:	97976
Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.0	28.6
142	74.1	55.8	83.6



#36
 2-Methylnaphthalene
 Concen: 21.266 ng/ul
 RT: 12.359 min Scan# 1578
 Delta R.T. 0.001 min
 Lab File: BG058427.D
 Acq: 23 Jul 2023 10:04

Tgt Ion:	142	Resp:	199190
Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	108.8





#37

1-Methylnaphthalene

Concen: 20.429 ng/ul

RT: 12.576 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

Instrument :

BNA_N

ClientSampleId :

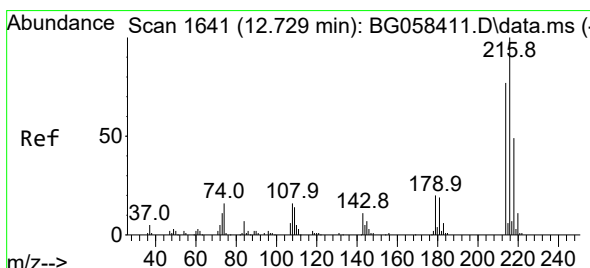
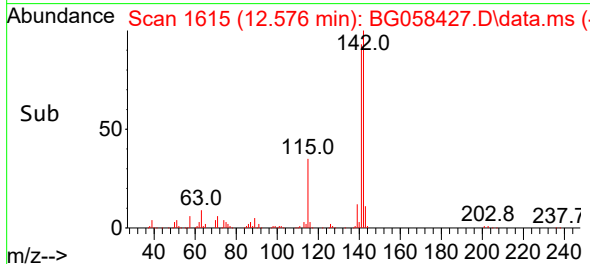
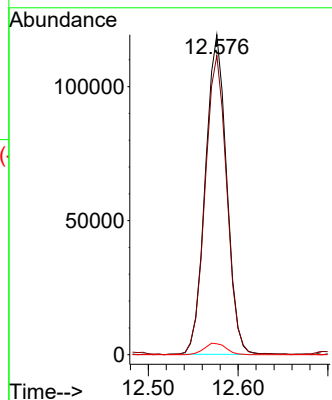
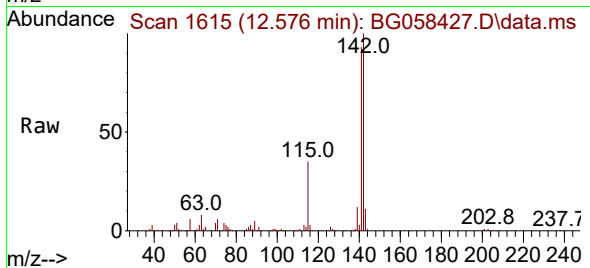
Tgt Ion:142 Resp: 196110

Ion Ratio Lower Upper

142 100

141 93.5 75.8 113.6

116 3.4 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.446 ng/ul

RT: 12.723 min Scan# 1640

Delta R.T. -0.005 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

Tgt Ion:216 Resp: 115159

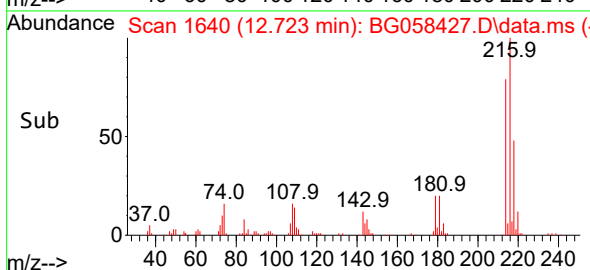
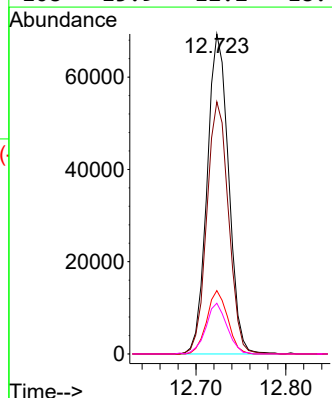
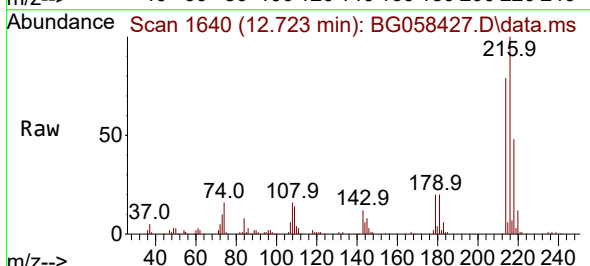
Ion Ratio Lower Upper

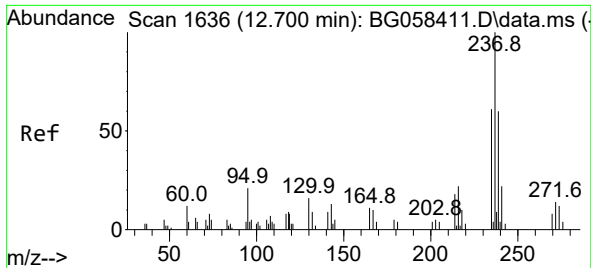
216 100

214 78.8 62.2 93.4

179 19.8 16.2 24.2

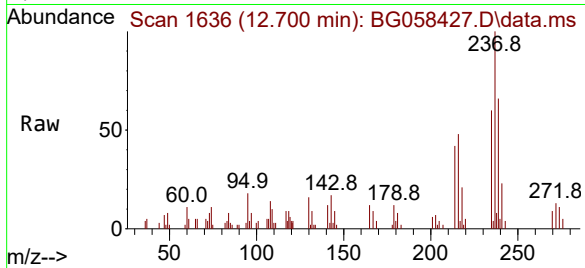
108 15.9 12.2 18.4



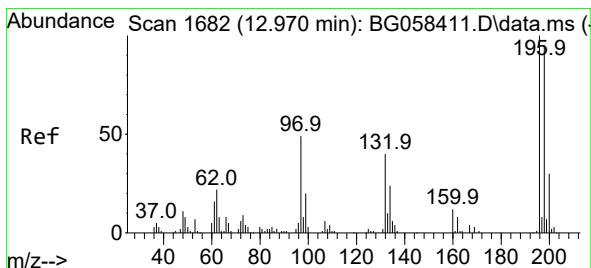
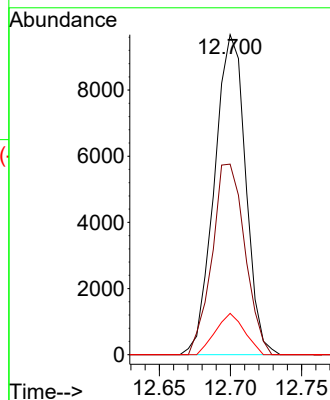
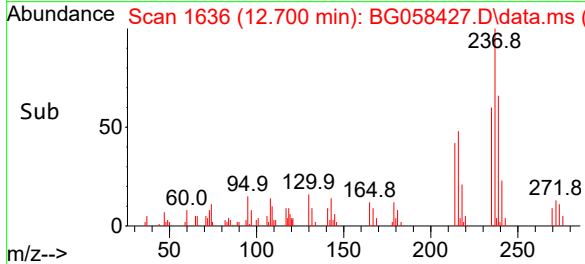


#40
Hexachlorocyclopentadiene
Concen: 5.828 ng/ul
RT: 12.700 min Scan# 1636
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

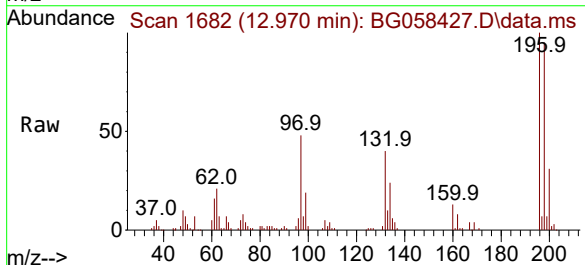
Instrument :
BNA_N
ClientSampleId :



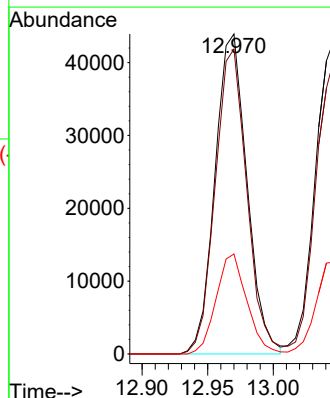
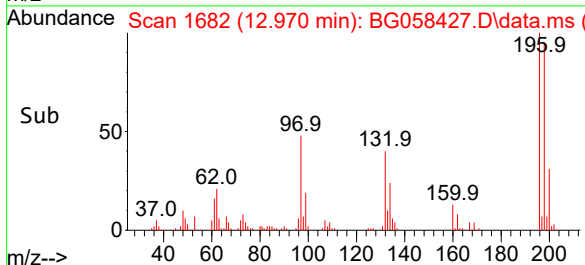
Tgt Ion:237 Resp: 14766
Ion Ratio Lower Upper
237 100
235 59.6 50.9 76.3
272 12.9 10.8 16.2

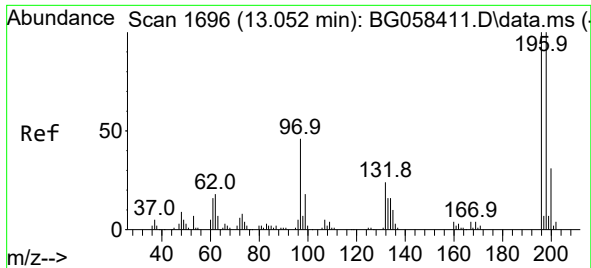


#41
2,4,6-Trichlorophenol
Concen: 23.322 ng/ul
RT: 12.970 min Scan# 1682
Delta R.T. 0.001 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04



Tgt Ion:196 Resp: 74372
Ion Ratio Lower Upper
196 100
198 95.3 77.7 116.5
200 31.2 25.0 37.6

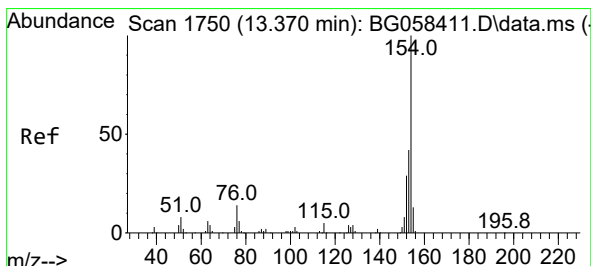
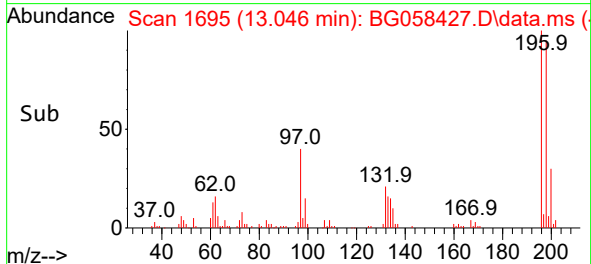
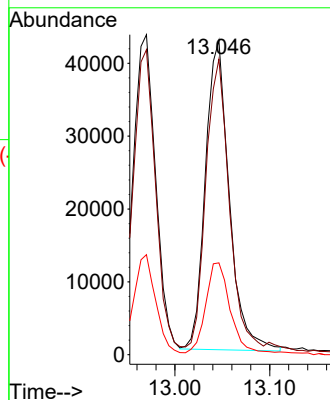
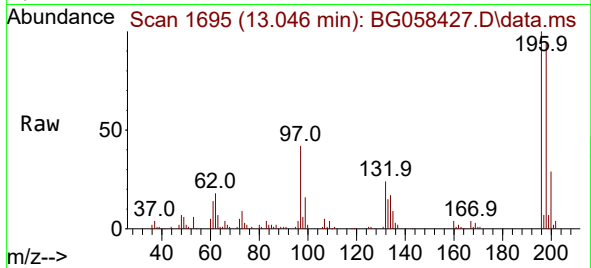




#42
2,4,5-Trichlorophenol
Concen: 21.865 ng/ul
RT: 13.046 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

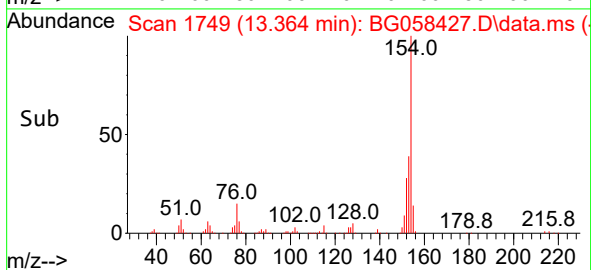
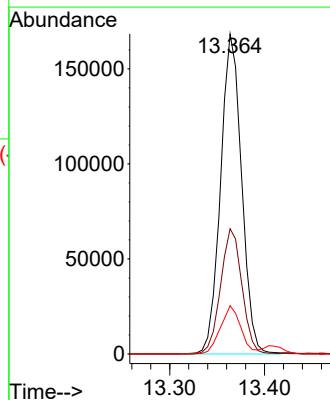
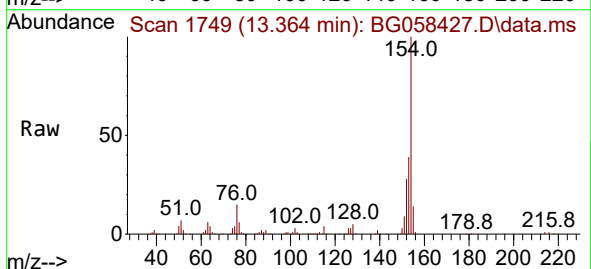
Instrument :
BNA_N
ClientSampleId :

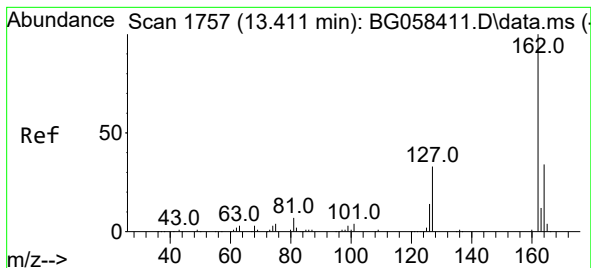
Tgt Ion:196 Resp: 74350
Ion Ratio Lower Upper
196 100
198 94.0 74.8 112.2
200 29.2 24.4 36.6



#43
1,1'-Biphenyl
Concen: 23.602 ng/ul
RT: 13.364 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Tgt Ion:154 Resp: 259711
Ion Ratio Lower Upper
154 100
153 39.2 31.8 47.6
76 15.1 11.7 17.5





#44

2-Chloronaphthalene

Concen: 23.722 ng/ul

RT: 13.411 min Scan# 1757

Delta R.T. -0.005 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

Instrument :

BNA_N

ClientSampleId :

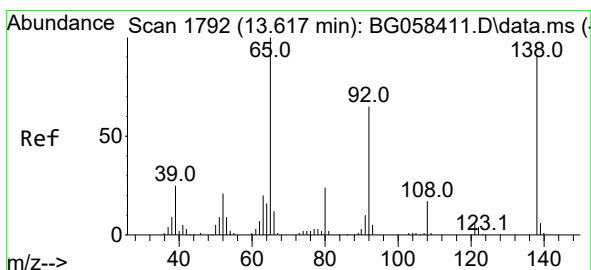
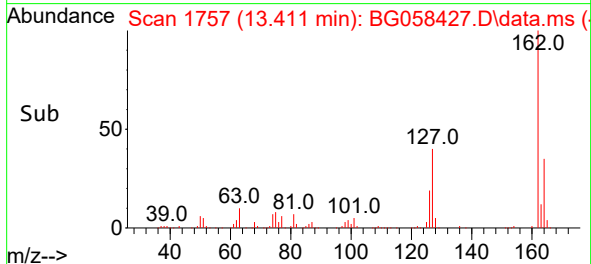
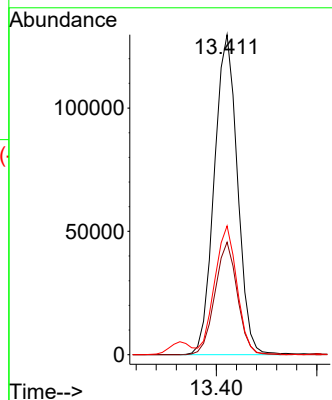
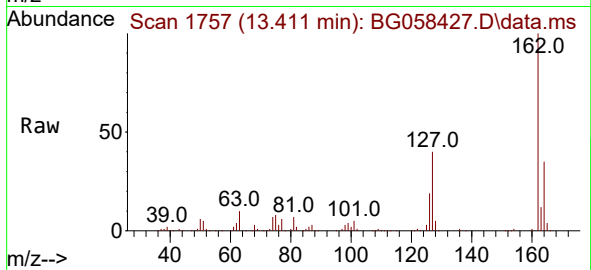
Tgt Ion:162 Resp: 207541

Ion Ratio Lower Upper

162 100

164 35.2 26.2 39.2

127 40.3 29.8 44.6



#45

2-Nitroaniline

Concen: 21.735 ng/ul

RT: 13.616 min Scan# 1792

Delta R.T. 0.001 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

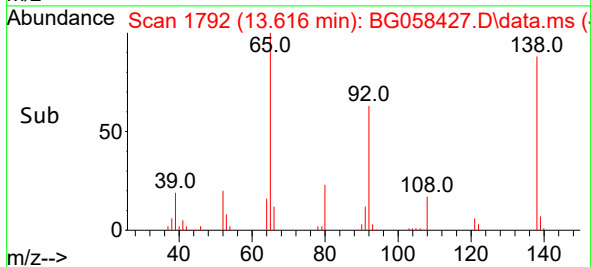
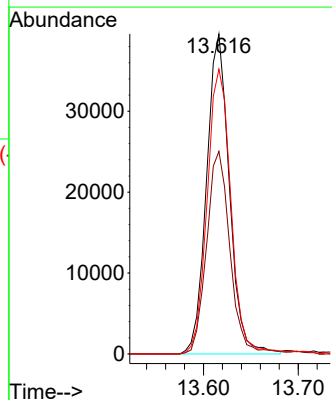
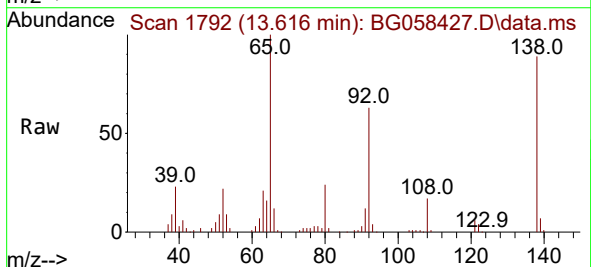
Tgt Ion: 65 Resp: 66051

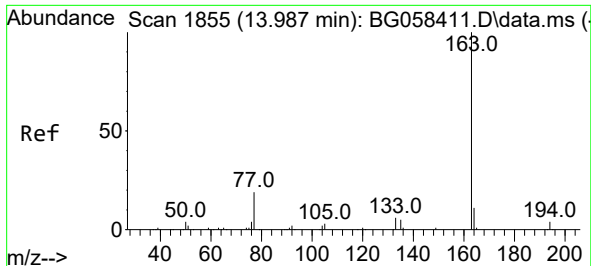
Ion Ratio Lower Upper

65 100

92 63.3 51.4 77.2

138 89.0 71.6 107.4

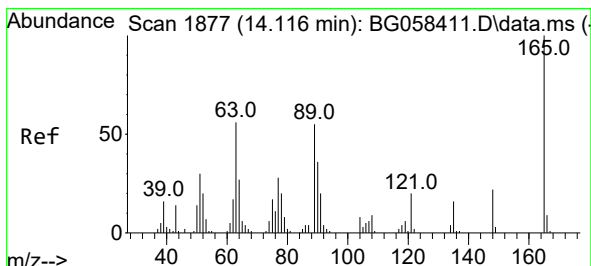
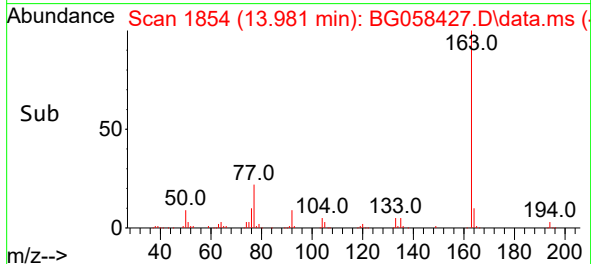
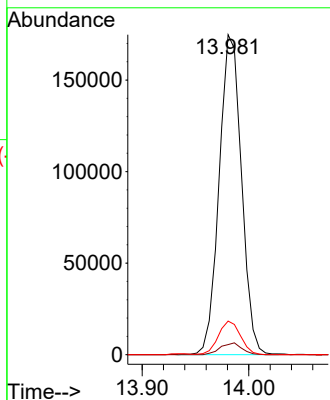
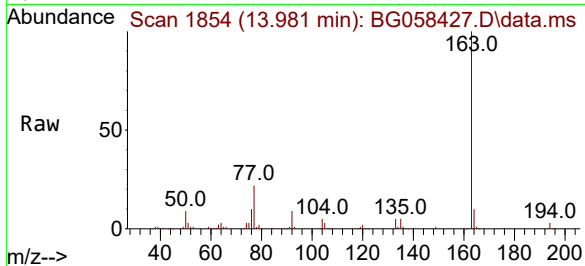




#47
Dimethylphthalate
Concen: 20.160 ng/ul
RT: 13.981 min Scan# 1854
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

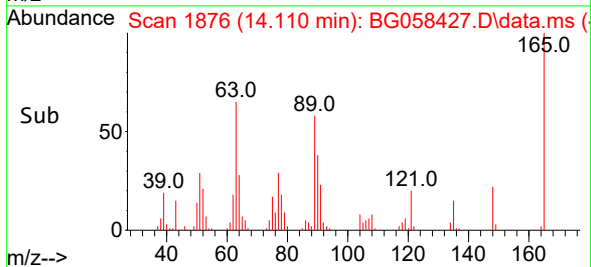
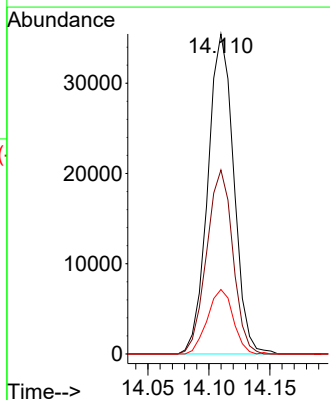
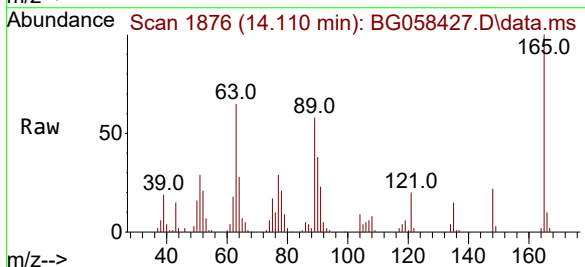
Instrument :
BNA_N
ClientSampleId :

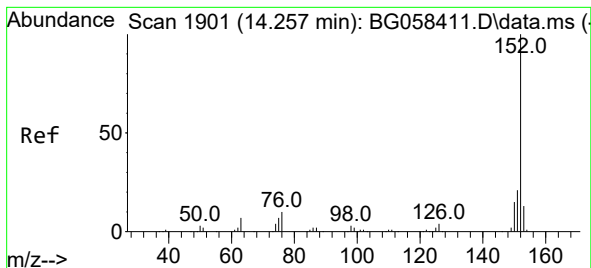
Tgt Ion:163 Resp: 254099
Ion Ratio Lower Upper
163 100
194 3.1 2.6 3.8
164 10.5 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 21.575 ng/ul
RT: 14.110 min Scan# 1876
Delta R.T. 0.001 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Tgt Ion:165 Resp: 52548
Ion Ratio Lower Upper
165 100
89 57.5 48.9 73.3
121 20.2 16.2 24.4





#50

Acenaphthylene

Concen: 22.408 ng/ul

RT: 14.257 min Scan# 1901

Delta R.T. -0.005 min

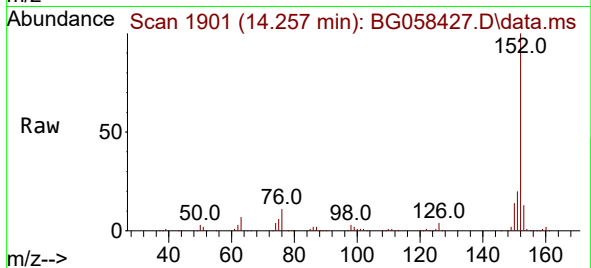
Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

Instrument :

BNA_N

ClientSampleId :



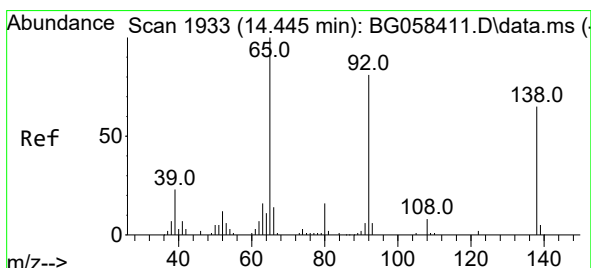
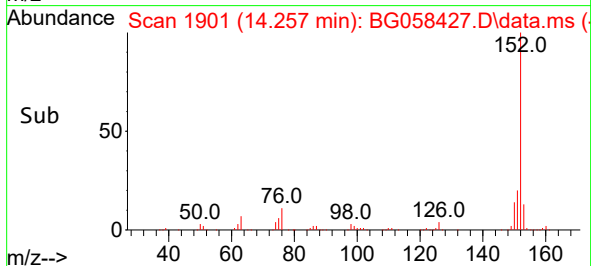
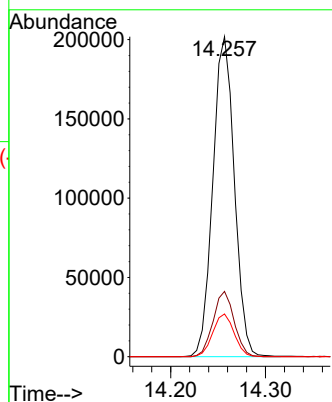
Tgt Ion:152 Resp: 318073

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.3 10.6 16.0



#51

3-Nitroaniline

Concen: 21.574 ng/ul

RT: 14.439 min Scan# 1932

Delta R.T. -0.005 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

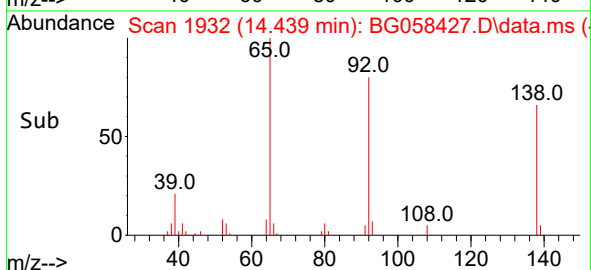
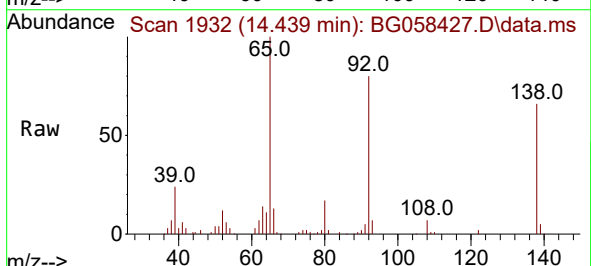
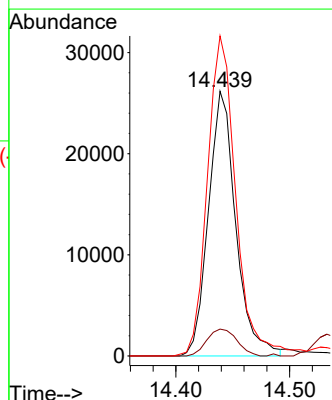
Tgt Ion:138 Resp: 43790

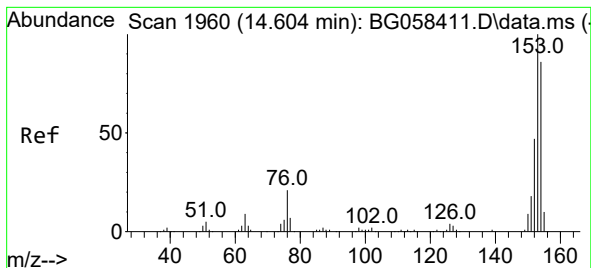
Ion Ratio Lower Upper

138 100

108 10.2 8.6 13.0

92 120.9 108.4 162.6





#52

Acenaphthene

Concen: 22.077 ng/ul

RT: 14.597 min Scan# 1959

Delta R.T. -0.005 min

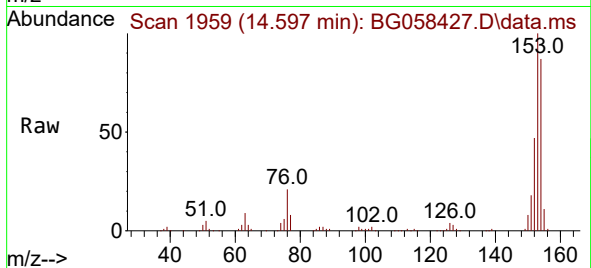
Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

Instrument :

BNA_N

ClientSampleId :



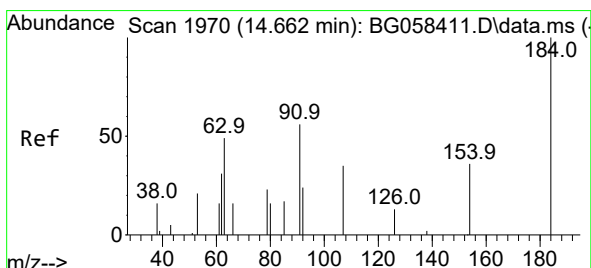
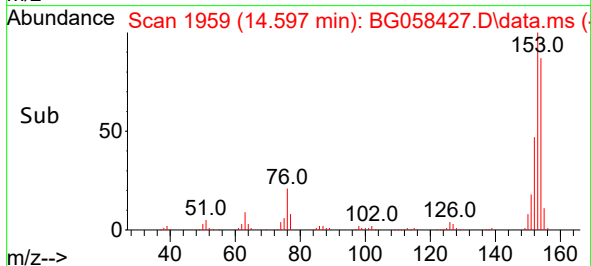
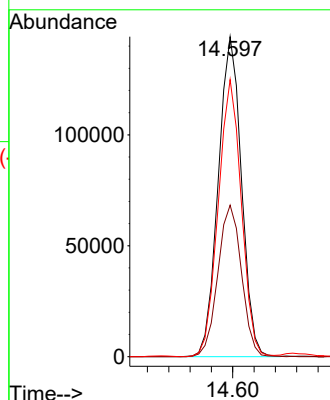
Tgt Ion:153 Resp: 217580

Ion Ratio Lower Upper

153 100

152 47.3 39.1 58.7

154 86.6 68.7 103.1



#53

2,4-Dinitrophenol

Concen: 3.440 ng/ul

RT: 14.662 min Scan# 1970

Delta R.T. 0.012 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

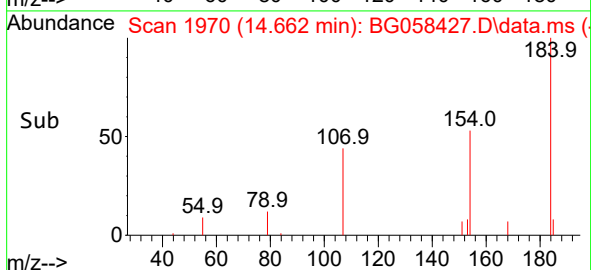
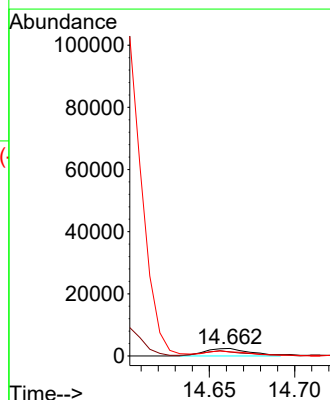
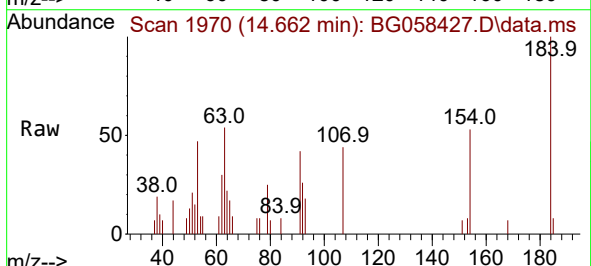
Tgt Ion:184 Resp: 4459

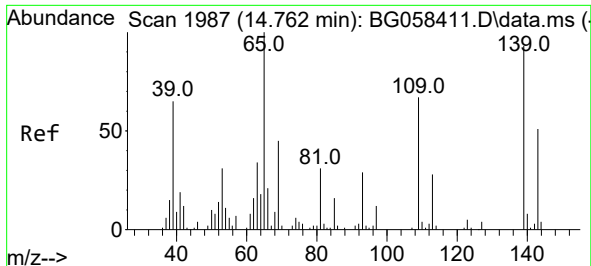
Ion Ratio Lower Upper

184 100

63 54.0 52.9 79.3

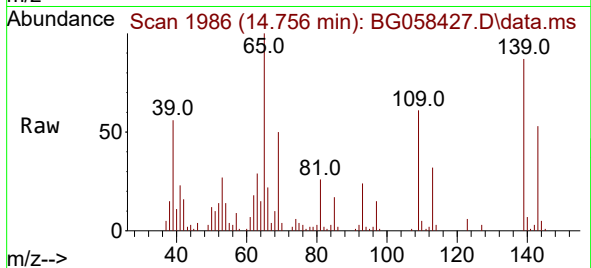
154 52.8 47.8 71.8



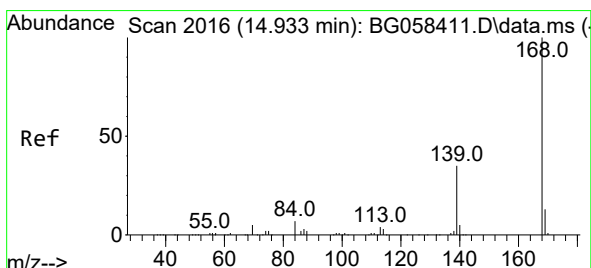
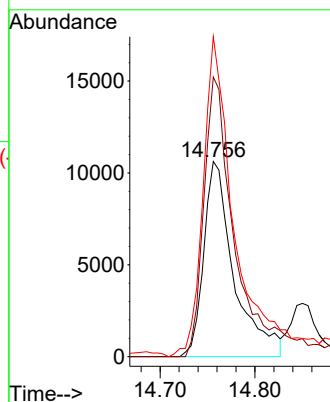
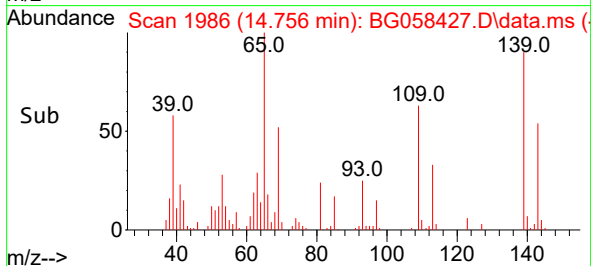


#55
4-Nitrophenol
Concen: 16.095 ng/ul
RT: 14.756 min Scan# 1986
Delta R.T. 0.001 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

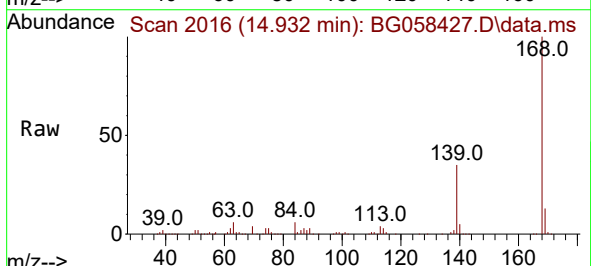
Instrument :
BNA_N
ClientSampleId :



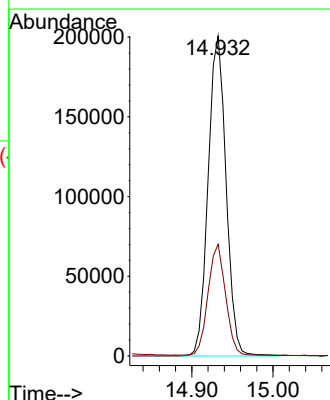
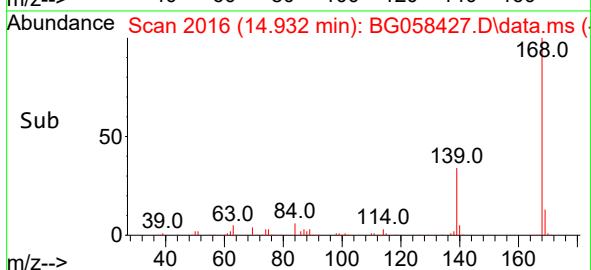
Tgt Ion	Ratio	Lower	Upper
109	100		
139	143.3	100.3	150.5
65	163.9	120.6	180.8

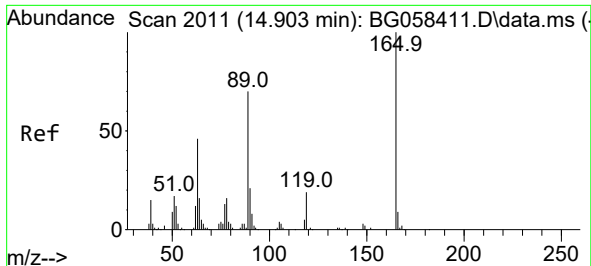


#56
Dibenzofuran
Concen: 21.902 ng/ul
RT: 14.932 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04



Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.9	27.8	41.8

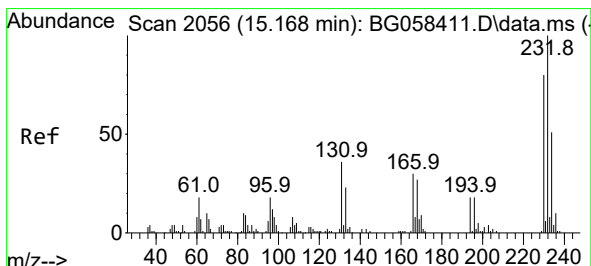
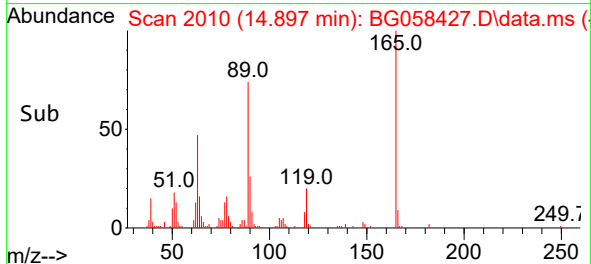
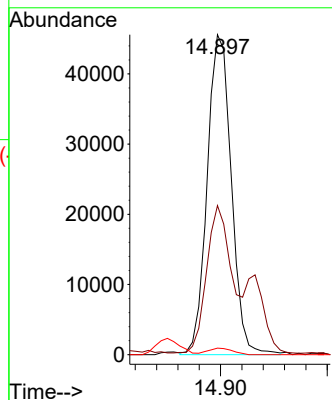
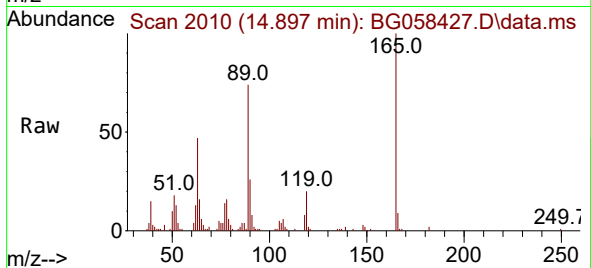




#57
2,4-Dinitrotoluene
Concen: 20.401 ng/ul
RT: 14.897 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

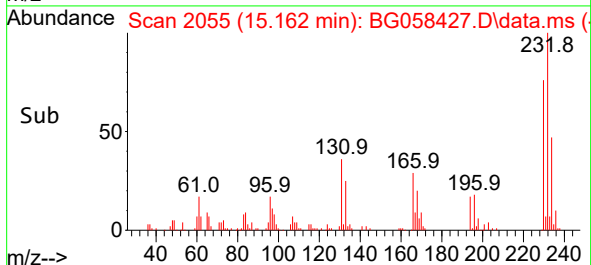
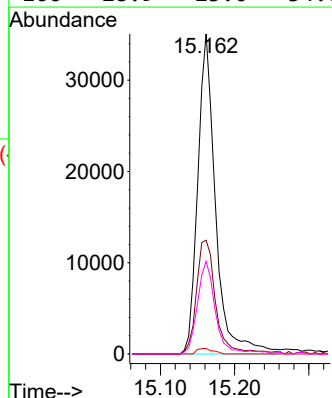
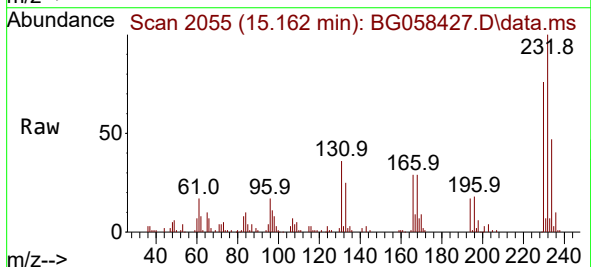
Instrument :
BNA_N
ClientSampleId :

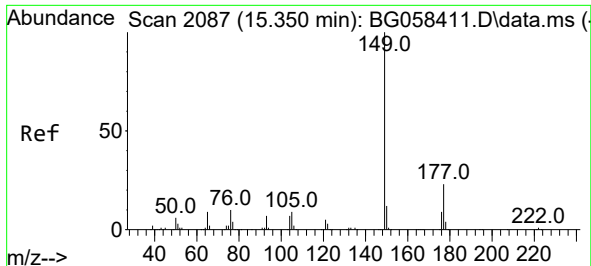
Tgt Ion:165 Resp: 71667
Ion Ratio Lower Upper
165 100
63 46.6 33.8 50.6
182 2.1 1.2 1.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.692 ng/ul
RT: 15.162 min Scan# 2055
Delta R.T. 0.001 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

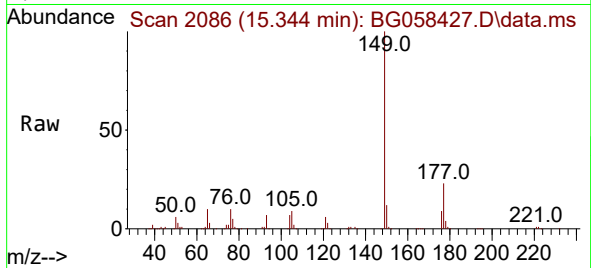
Tgt Ion:232 Resp: 58724
Ion Ratio Lower Upper
232 100
131 35.5 29.0 43.6
130 1.8 1.1 1.7#
166 28.9 23.0 34.6



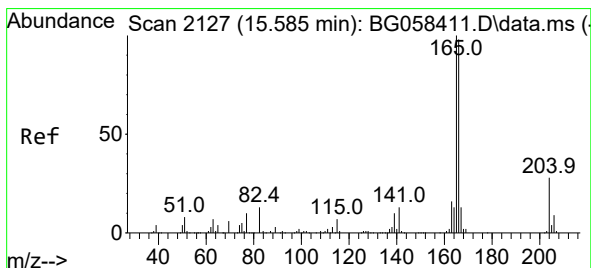
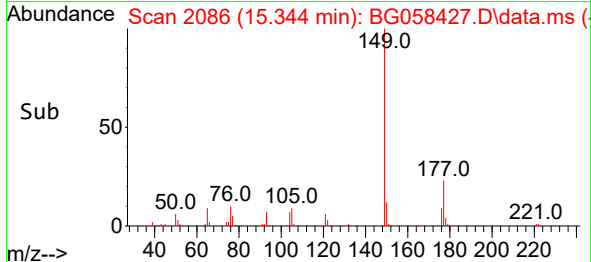
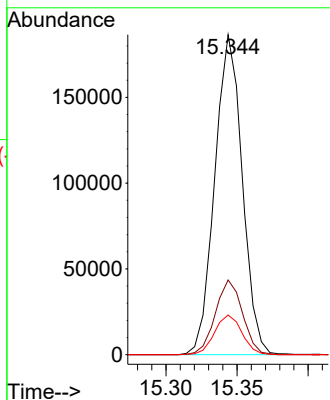


#59
Diethylphthalate
Concen: 19.302 ng/ul
RT: 15.344 min Scan# 2086
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Instrument :
BNA_N
ClientSampleId :

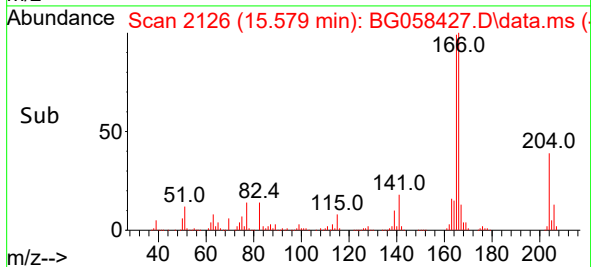
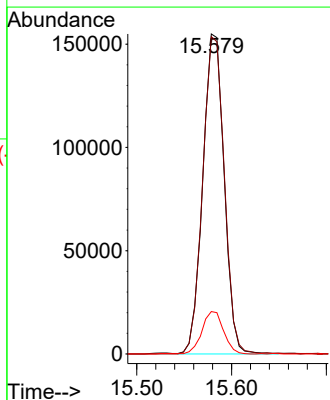
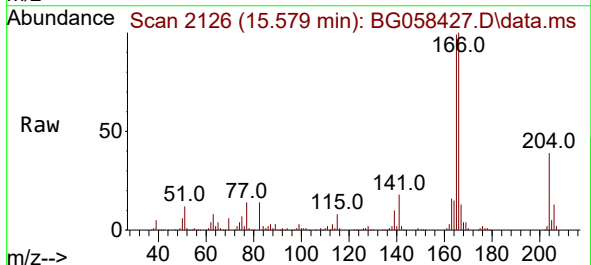


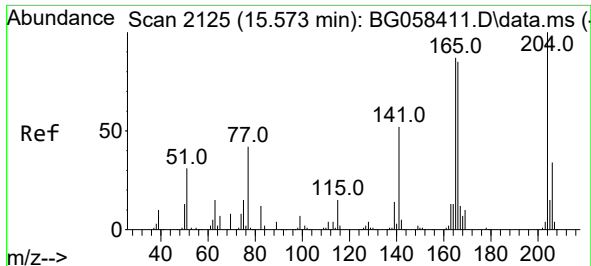
Tgt Ion:149 Resp: 250637
Ion Ratio Lower Upper
149 100
177 23.4 18.4 27.6
150 12.4 10.0 15.0



#61
Fluorene
Concen: 21.035 ng/ul
RT: 15.579 min Scan# 2126
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Tgt Ion:166 Resp: 242071
Ion Ratio Lower Upper
166 100
165 99.2 80.2 120.2
167 13.3 10.5 15.7

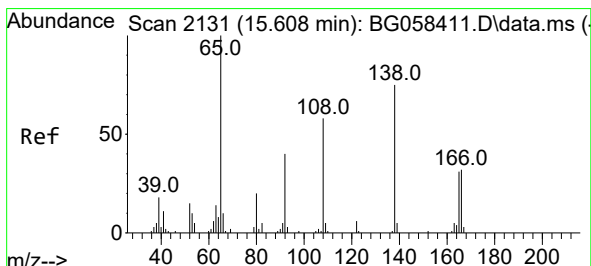
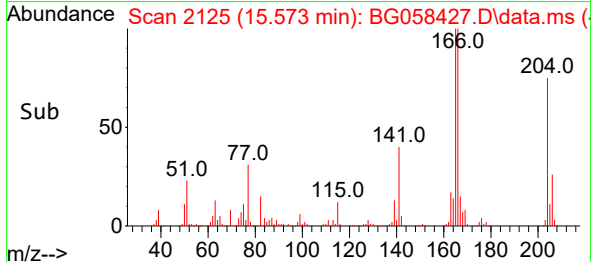
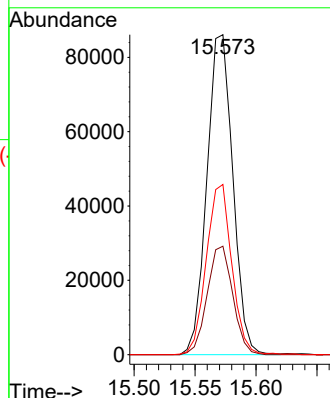
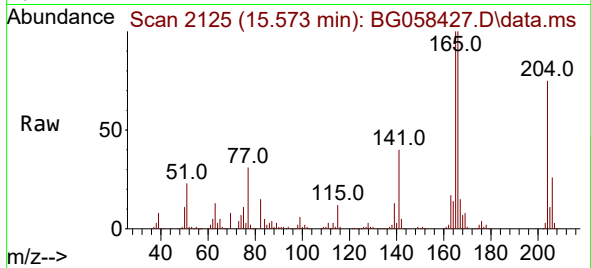




#62
4-Chlorophenyl-phenylether
Concen: 20.847 ng/ul
RT: 15.573 min Scan# 2125
Delta R.T. 0.001 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

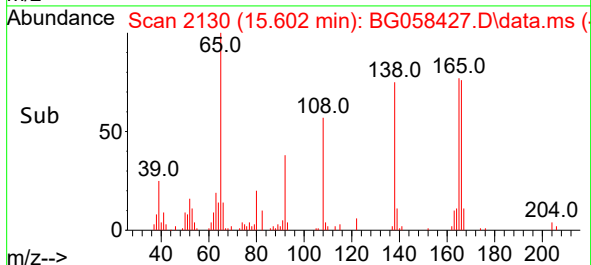
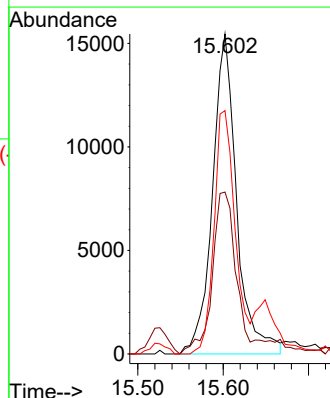
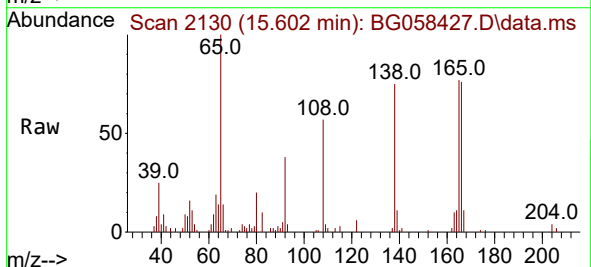
Instrument :
BNA_N
ClientSampleId :

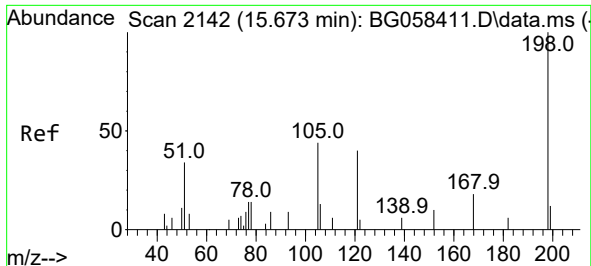
Tgt Ion:204 Resp: 127358
Ion Ratio Lower Upper
204 100
206 33.9 26.0 39.0
141 53.2 42.2 63.2



#63
4-Nitroaniline
Concen: 16.625 ng/ul
RT: 15.602 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Tgt Ion:138 Resp: 30535
Ion Ratio Lower Upper
138 100
92 50.6 45.0 67.4
108 76.0 60.8 91.2

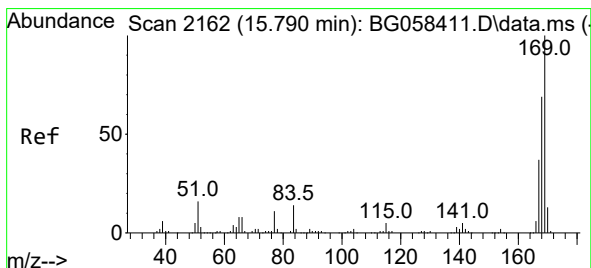
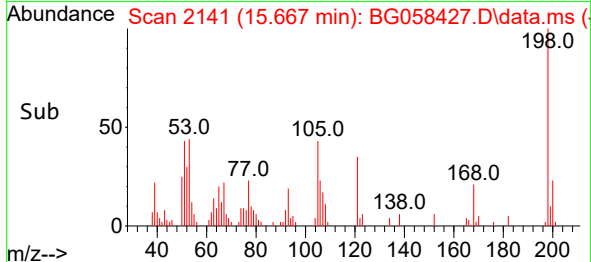
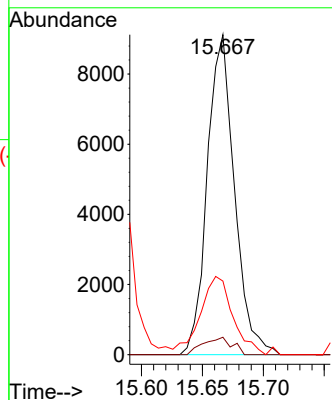
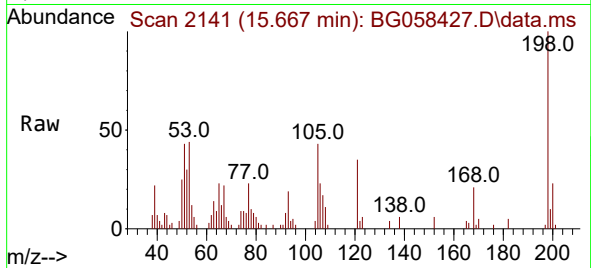




#66
 4,6-Dinitro-2-methylphenol
 Concen: 7.848 ng/ul
 RT: 15.667 min Scan# 2141
 Delta R.T. 0.001 min
 Lab File: BG058427.D
 Acq: 23 Jul 2023 10:04

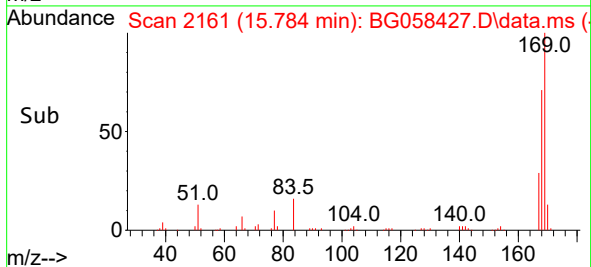
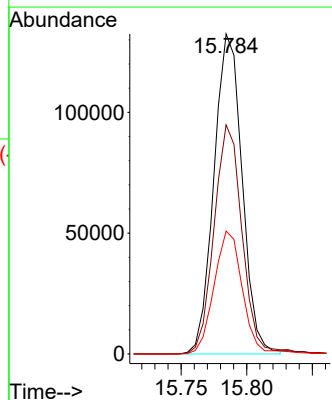
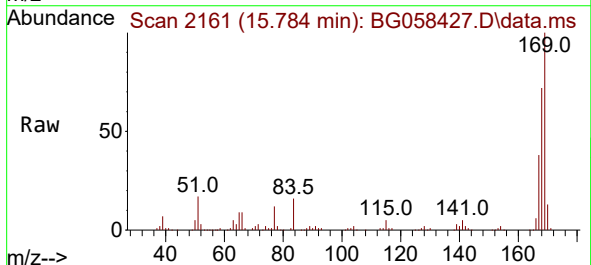
Instrument :
 BNA_N
 ClientSampleId :

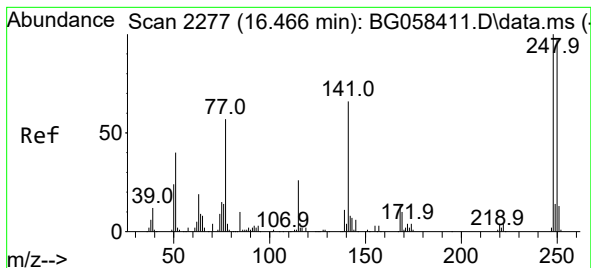
Tgt Ion:198 Resp: 14180
 Ion Ratio Lower Upper
 198 100
 182 5.4 3.4 5.2#
 77 23.0 18.4 27.6



#67
 N-Nitrosodiphenylamine
 Concen: 23.136 ng/ul
 RT: 15.784 min Scan# 2161
 Delta R.T. -0.005 min
 Lab File: BG058427.D
 Acq: 23 Jul 2023 10:04

Tgt Ion:169 Resp: 197688
 Ion Ratio Lower Upper
 169 100
 168 71.6 55.7 83.5
 167 38.4 31.2 46.8

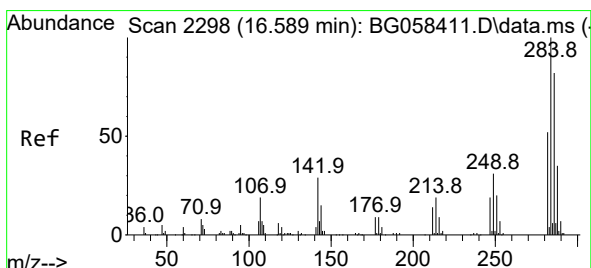
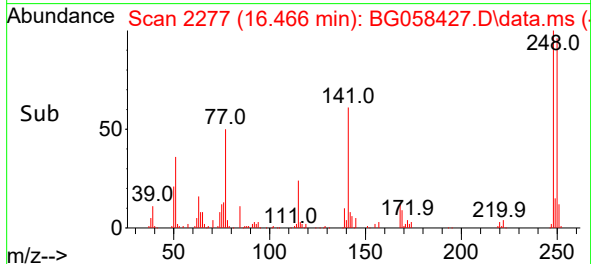
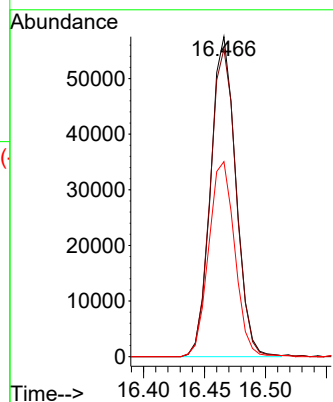
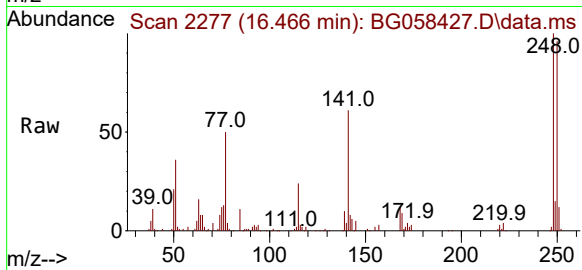




#68
4-Bromophenyl-phenylether
Concen: 22.668 ng/ul
RT: 16.466 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

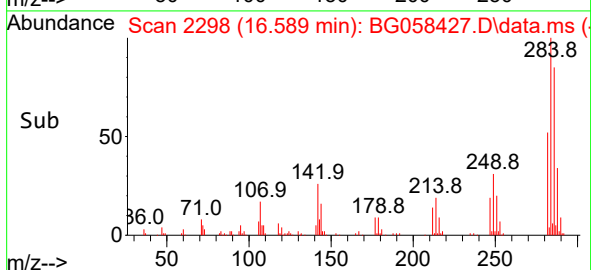
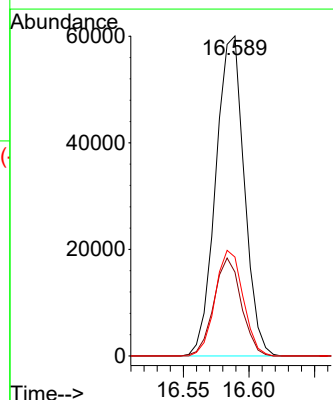
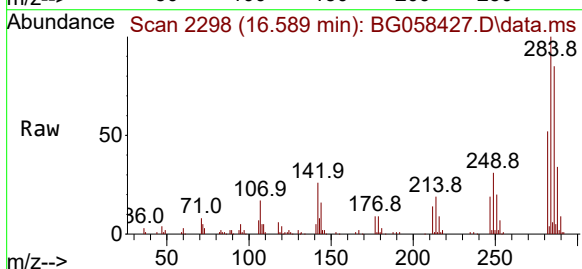
Instrument :
BNA_N
ClientSampleId :

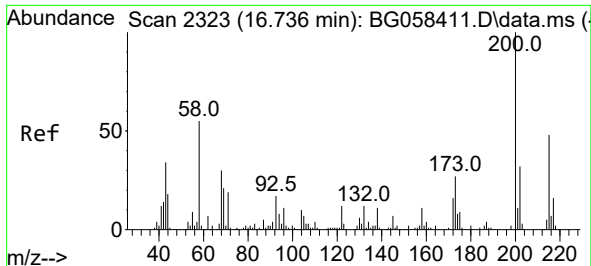
Tgt Ion:248 Resp: 82763
Ion Ratio Lower Upper
248 100
250 96.2 73.8 110.6
141 60.9 48.2 72.2



#69
Hexachlorobenzene
Concen: 22.012 ng/ul
RT: 16.589 min Scan# 2298
Delta R.T. 0.001 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

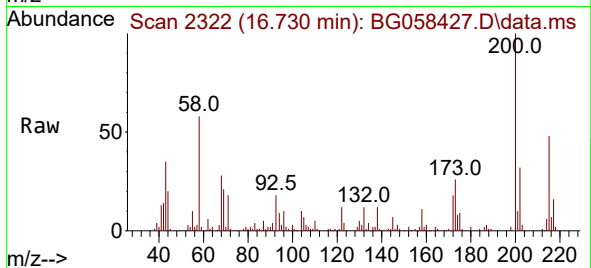
Tgt Ion:284 Resp: 90688
Ion Ratio Lower Upper
284 100
142 26.2 20.5 30.7
249 30.9 25.2 37.8



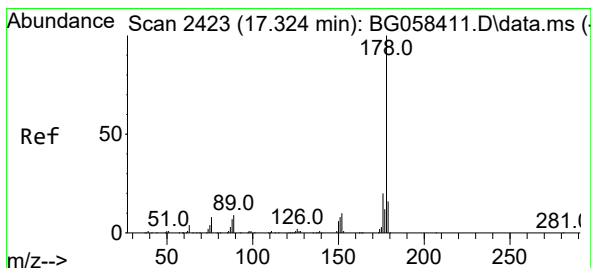
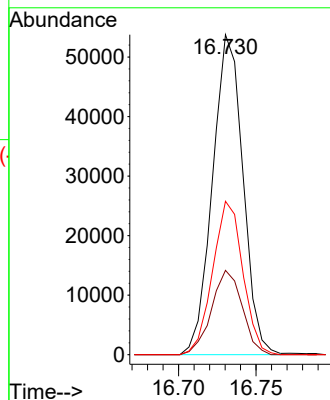
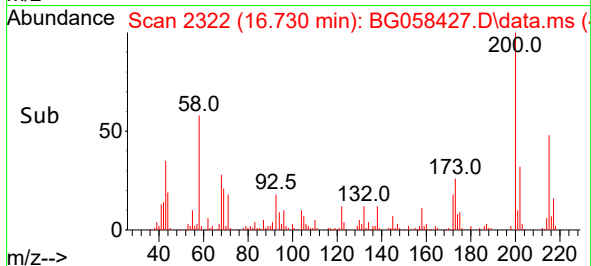


#70
Atrazine
Concen: 21.877 ng/ul
RT: 16.730 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

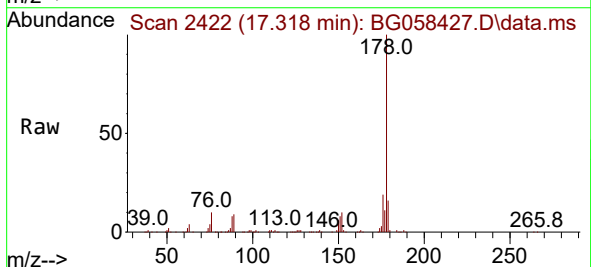
Instrument :
BNA_N
ClientSampleId :



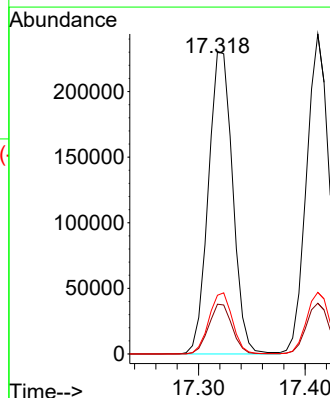
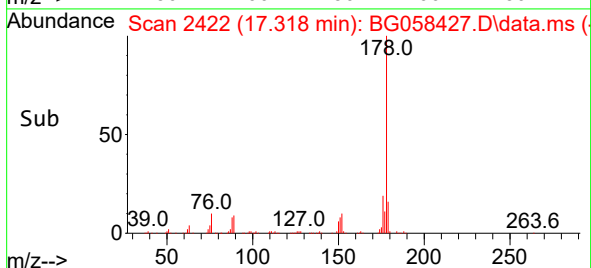
Tgt Ion:200 Resp: 73291
Ion Ratio Lower Upper
200 100
173 26.4 19.8 29.8
215 47.9 36.2 54.4

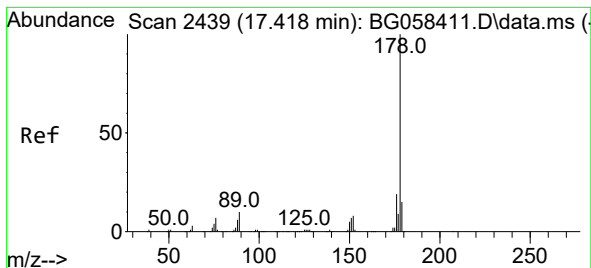


#72
Phenanthrene
Concen: 22.258 ng/ul
RT: 17.318 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04



Tgt Ion:178 Resp: 364614
Ion Ratio Lower Upper
178 100
179 16.4 11.9 17.9
176 19.4 15.8 23.8





#74

Anthracene

Concen: 22.003 ng/uI

RT: 17.412 min Scan# 2439

Delta R.T. -0.005 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

Instrument :

BNA_N

ClientSampleId :

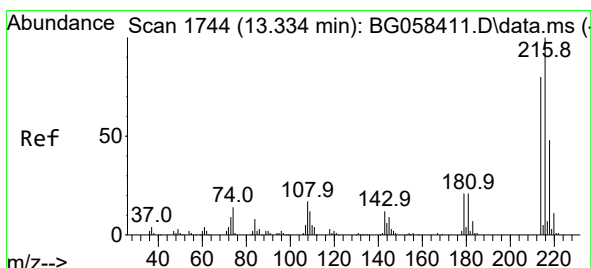
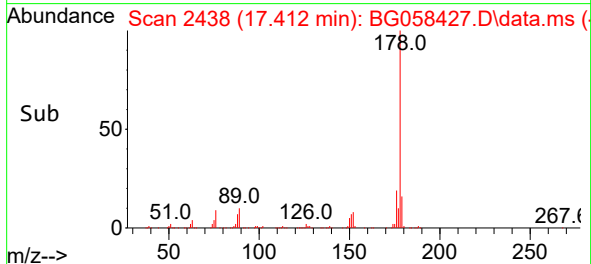
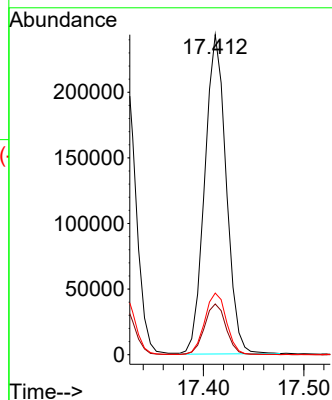
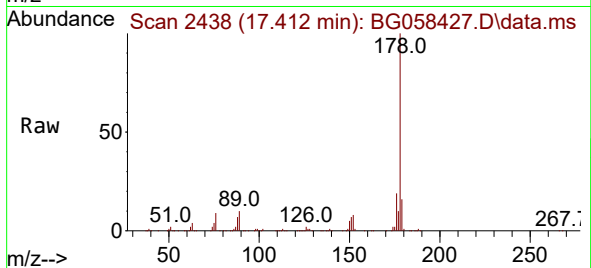
Tgt Ion:178 Resp: 361844

Ion Ratio Lower Upper

178 100

179 15.8 13.4 20.2

176 19.3 16.2 24.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.898 ng/uI

RT: 13.334 min Scan# 1744

Delta R.T. 0.001 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

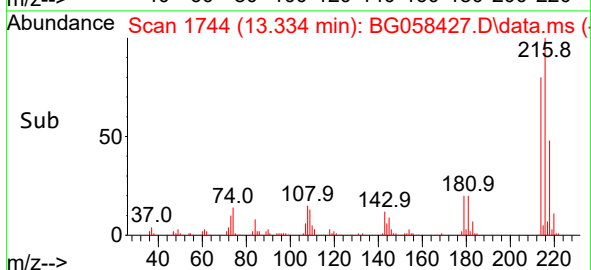
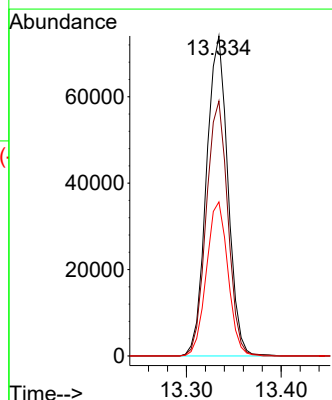
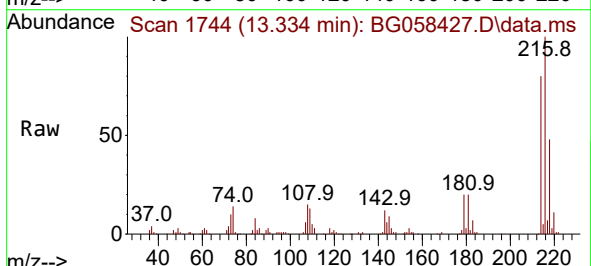
Tgt Ion:216 Resp: 116300

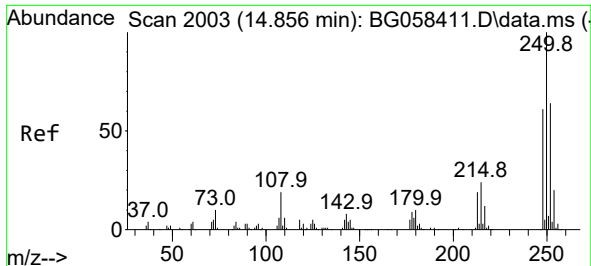
Ion Ratio Lower Upper

216 100

214 79.7 62.2 93.4

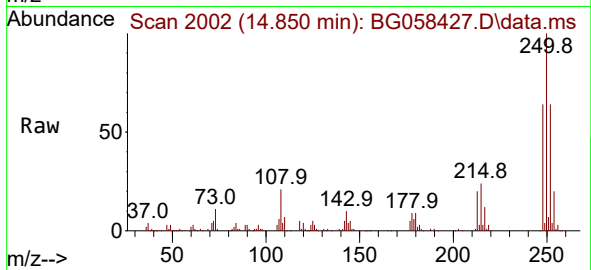
218 48.1 40.9 61.3



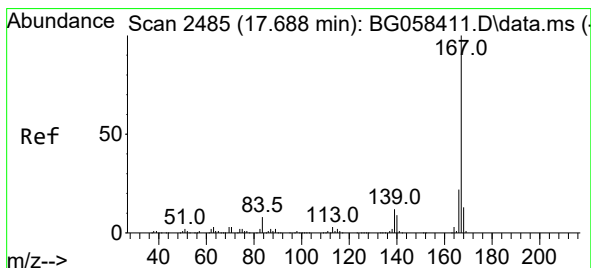
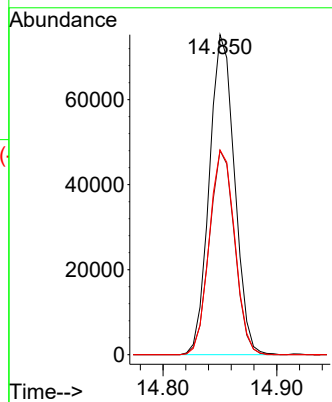
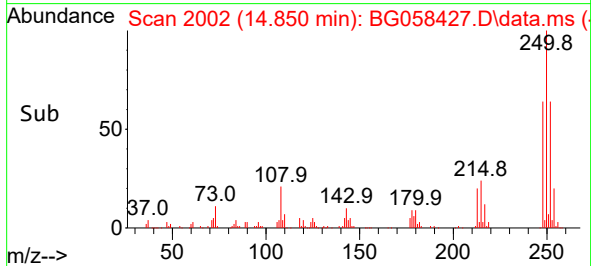


#76
 Pentachlorobenzene
 Concen: 24.473 ng/uL
 RT: 14.850 min Scan# 2003
 Delta R.T. -0.005 min
 Lab File: BG058427.D
 Acq: 23 Jul 2023 10:04

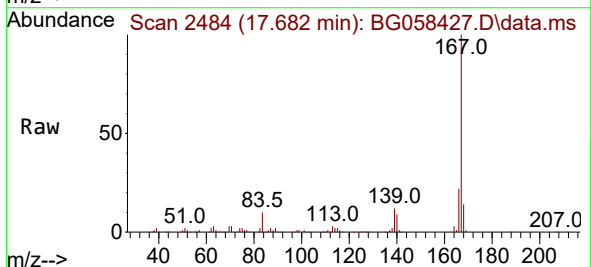
Instrument :
 BNA_N
 ClientSampleId :



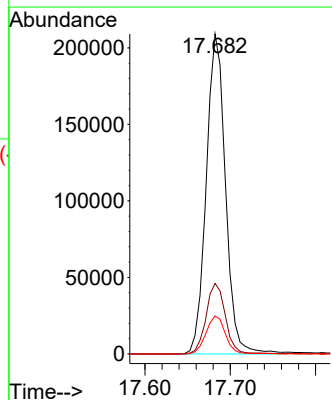
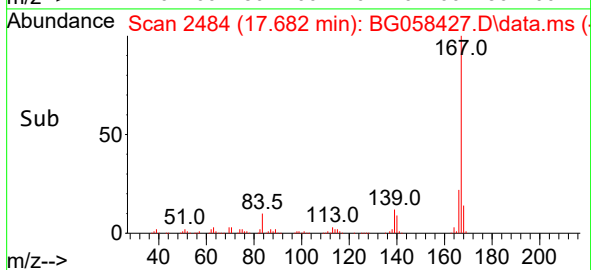
Tgt Ion:250 Resp: 115716
 Ion Ratio Lower Upper
 250 100
 248 63.8 51.6 77.4
 252 63.9 54.4 81.6

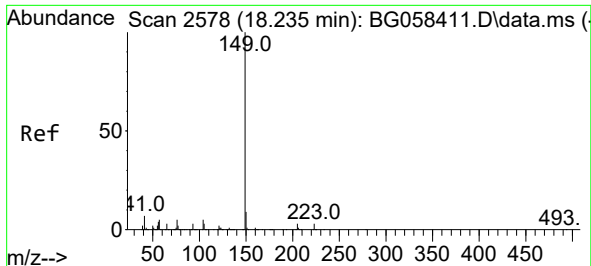


#77
 Carbazole
 Concen: 23.019 ng/uL
 RT: 17.682 min Scan# 2484
 Delta R.T. 0.001 min
 Lab File: BG058427.D
 Acq: 23 Jul 2023 10:04



Tgt Ion:167 Resp: 328145
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 11.9 9.4 14.0

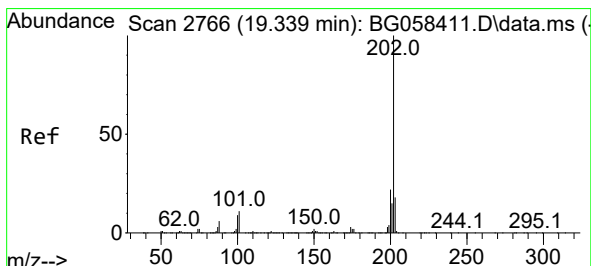
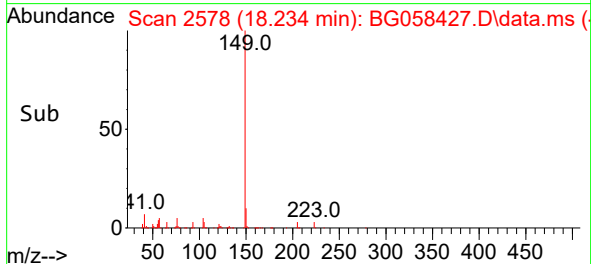
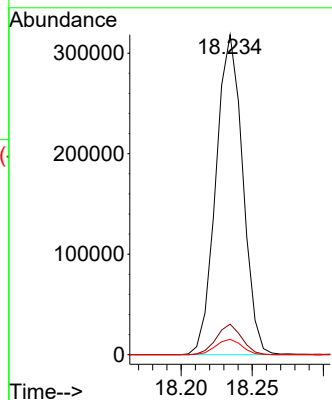
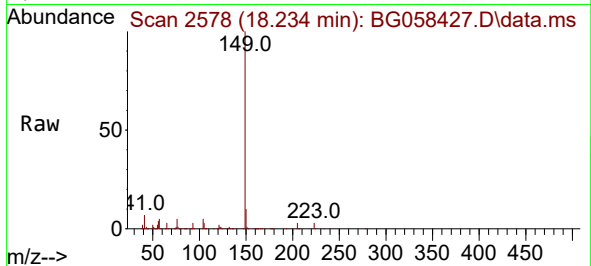




#78
Di-n-butylphthalate
Concen: 23.055 ng/ul
RT: 18.234 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

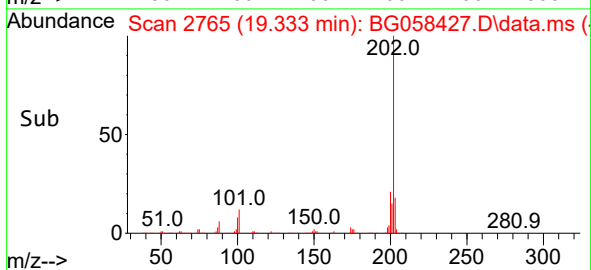
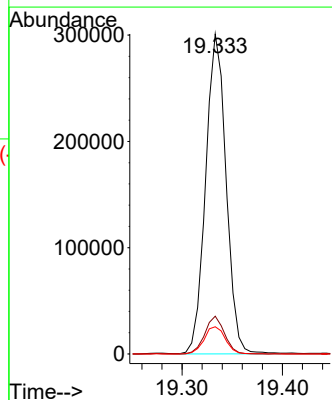
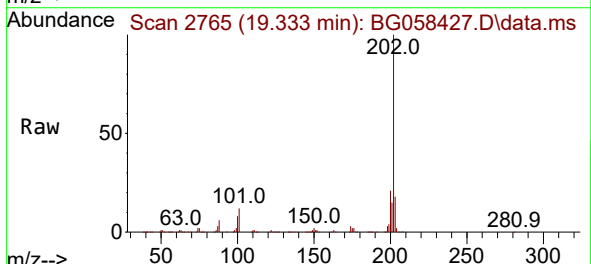
Instrument :
BNA_N
ClientSampleId :

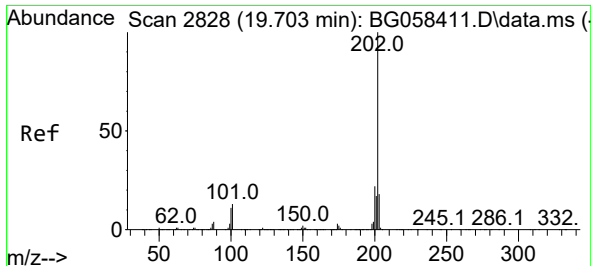
Tgt Ion:149 Resp: 417629
Ion Ratio Lower Upper
149 100
150 9.6 7.2 10.8
104 4.8 3.9 5.9



#80
Fluoranthene
Concen: 22.038 ng/ul
RT: 19.333 min Scan# 2765
Delta R.T. 0.001 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

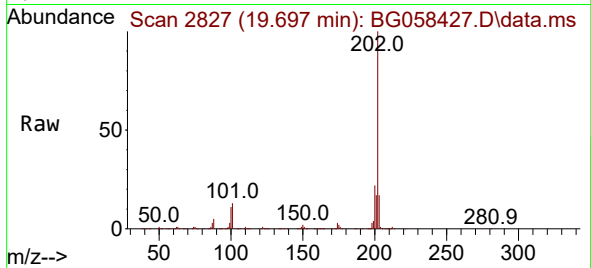
Tgt Ion:202 Resp: 426814
Ion Ratio Lower Upper
202 100
101 11.8 8.6 12.8
100 8.5 7.2 10.8



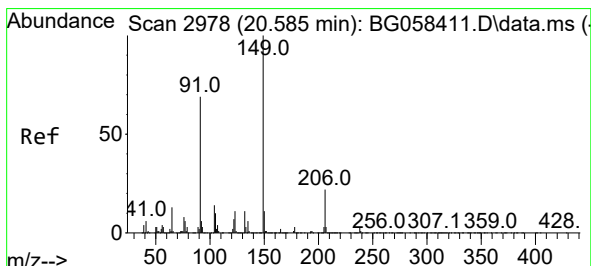
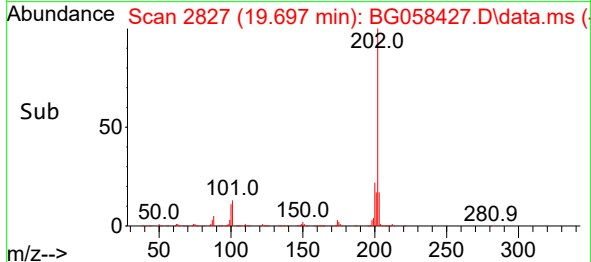
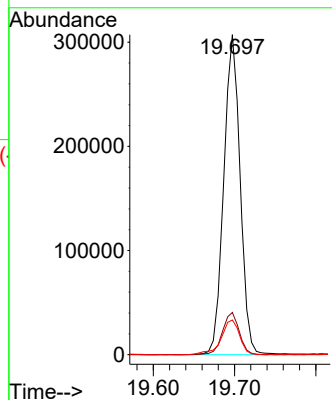


#82
 Pyrene
 Concen: 21.977 ng/ul
 RT: 19.697 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058427.D
 Acq: 23 Jul 2023 10:04

Instrument :
 BNA_N
 ClientSampleId :

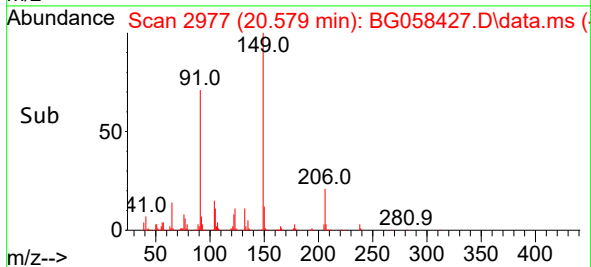
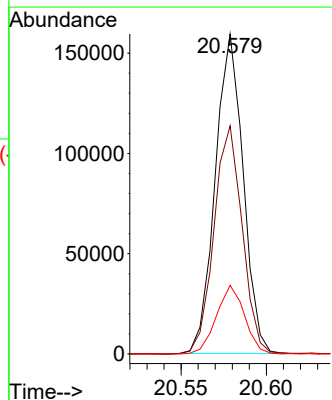
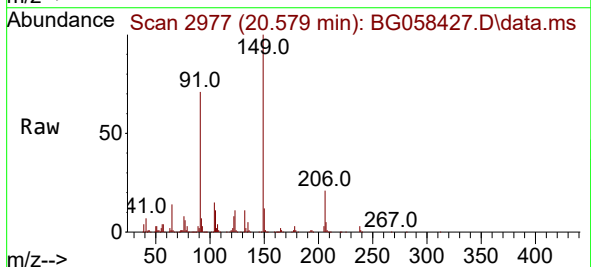


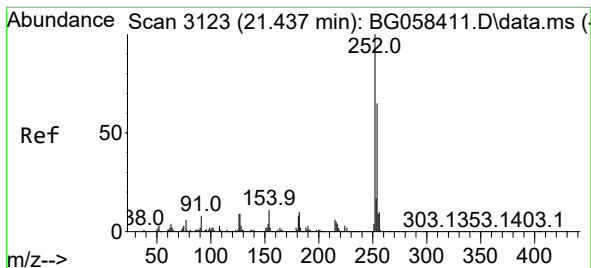
Tgt Ion:202 Resp: 431271
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.2 15.2
 100 10.9 8.9 13.3



#83
 Butylbenzylphthalate
 Concen: 23.462 ng/ul
 RT: 20.579 min Scan# 2977
 Delta R.T. 0.001 min
 Lab File: BG058427.D
 Acq: 23 Jul 2023 10:04

Tgt Ion:149 Resp: 181301
 Ion Ratio Lower Upper
 149 100
 91 71.3 59.9 89.9
 206 21.4 16.9 25.3





#84

3,3'-Dichlorobenzidine

Concen: 23.710 ng/ul

RT: 21.431 min Scan# 3122

Delta R.T. 0.001 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

Instrument :

BNA_N

ClientSampleId :

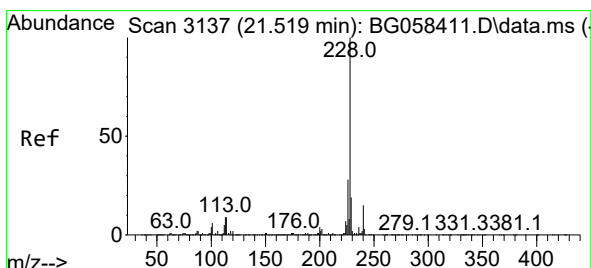
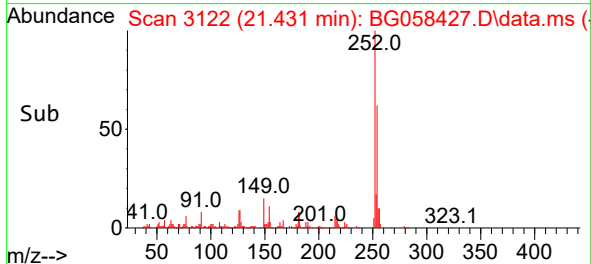
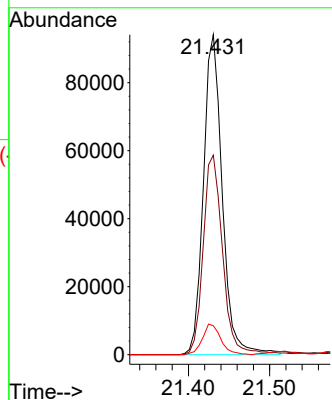
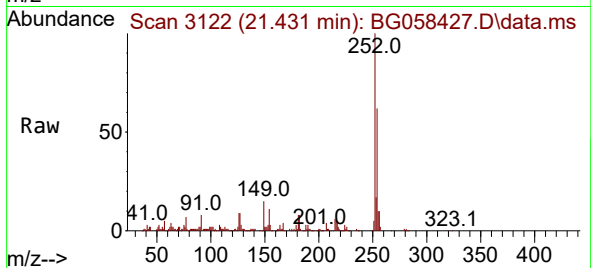
Tgt Ion:252 Resp: 151493

Ion Ratio Lower Upper

252 100

254 62.4 50.5 75.7

126 9.1 6.5 9.7



#85

Benzo(a)anthracene

Concen: 22.555 ng/ul

RT: 21.513 min Scan# 3136

Delta R.T. 0.001 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

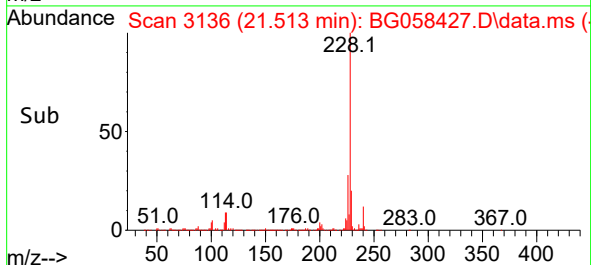
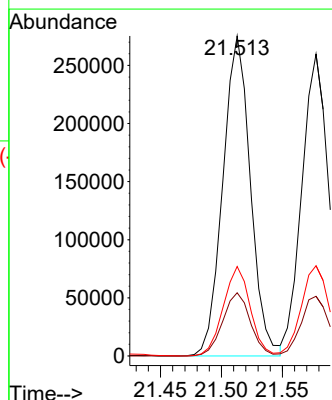
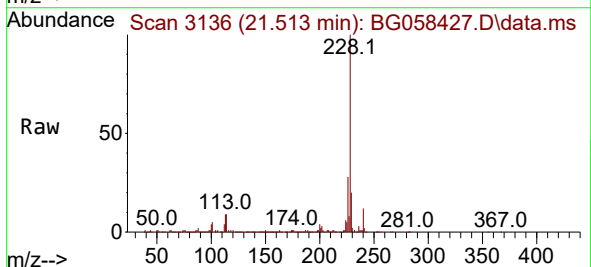
Tgt Ion:228 Resp: 433935

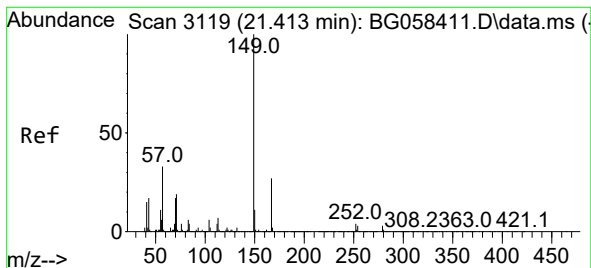
Ion Ratio Lower Upper

228 100

229 19.8 15.7 23.5

226 28.0 21.8 32.8

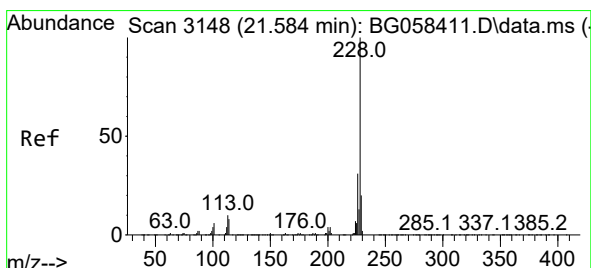
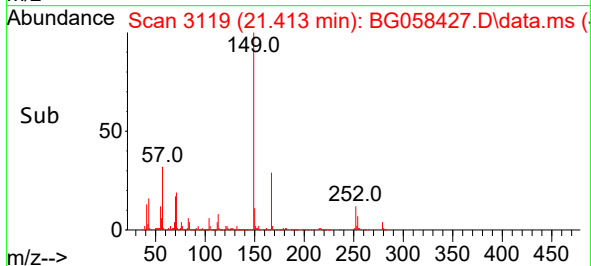
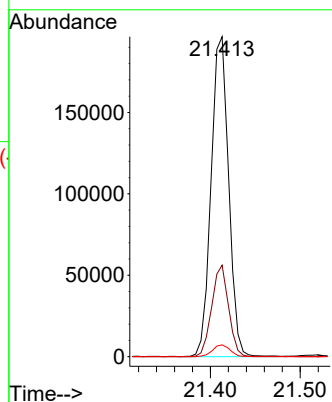
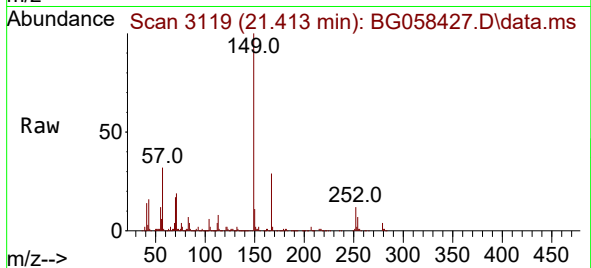




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 24.263 ng/ul
 RT: 21.413 min Scan# 3119
 Delta R.T. 0.001 min
 Lab File: BG058427.D
 Acq: 23 Jul 2023 10:04

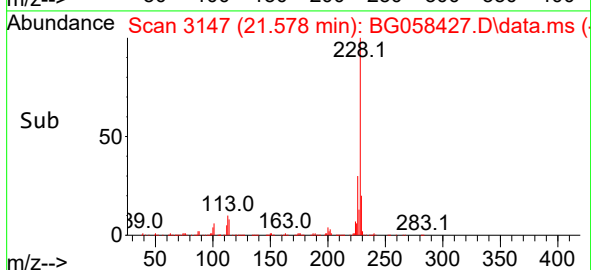
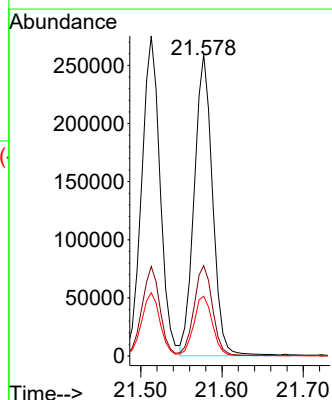
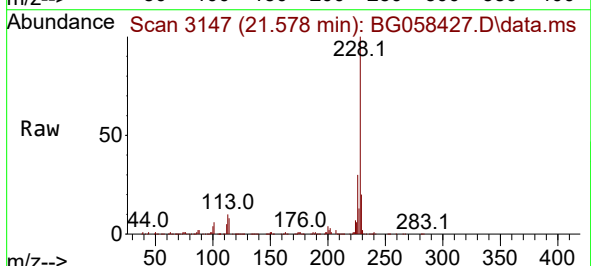
Instrument :
 BNA_N
 ClientSampleId :

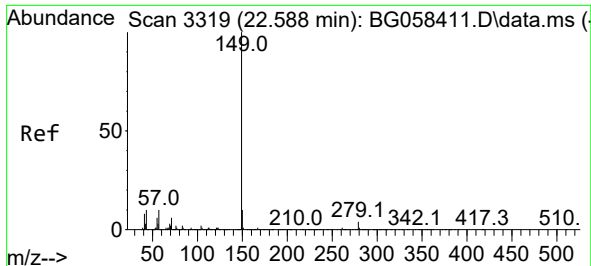
Tgt Ion:149 Resp: 266672
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.6 32.4
 279 3.7 3.0 4.4



#87
 Chrysene
 Concen: 22.209 ng/ul
 RT: 21.578 min Scan# 3147
 Delta R.T. 0.001 min
 Lab File: BG058427.D
 Acq: 23 Jul 2023 10:04

Tgt Ion:228 Resp: 405284
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.0 36.0
 229 19.8 15.8 23.8

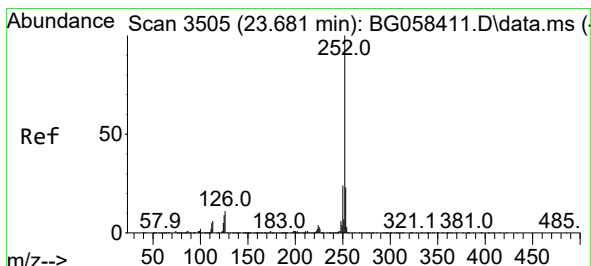
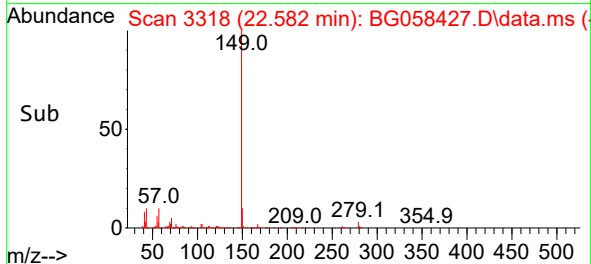
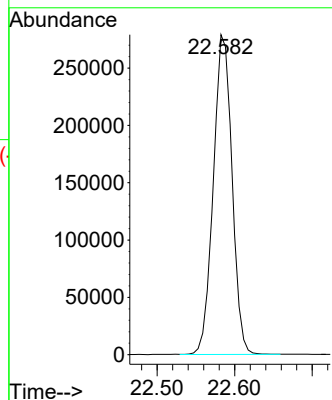
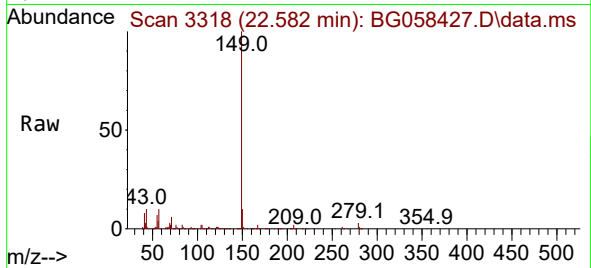




#89
Di-n-octyl phthalate
Concen: 25.094 ng/ul
RT: 22.582 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

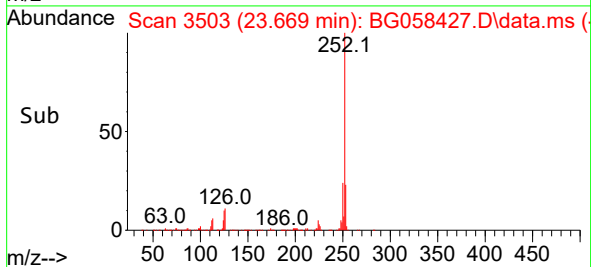
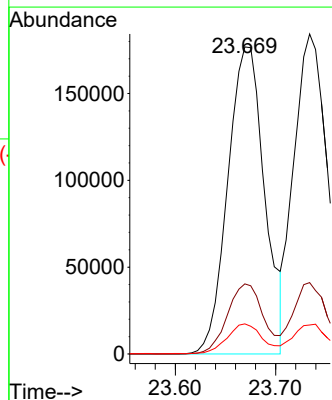
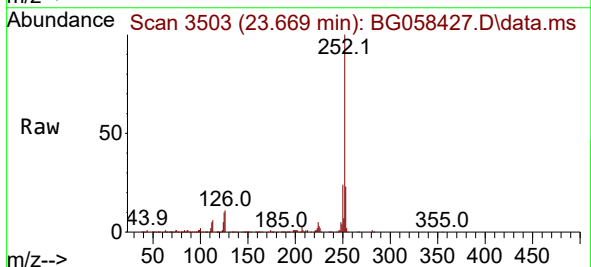
Instrument :
BNA_N
ClientSampleId :

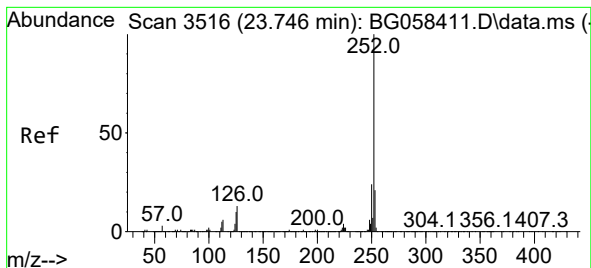
Tgt Ion:149 Resp: 468221



#90
Benzo(b)fluoranthene
Concen: 22.244 ng/ul
RT: 23.669 min Scan# 3503
Delta R.T. 0.001 min
Lab File: BG058427.D
Acq: 23 Jul 2023 10:04

Tgt Ion:252 Resp: 451330
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 9.8 6.7 10.1





#91

Benzo(k)fluoranthene

Concen: 21.440 ng/ul

RT: 23.734 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

Instrument :

BNA_N

ClientSampleId :

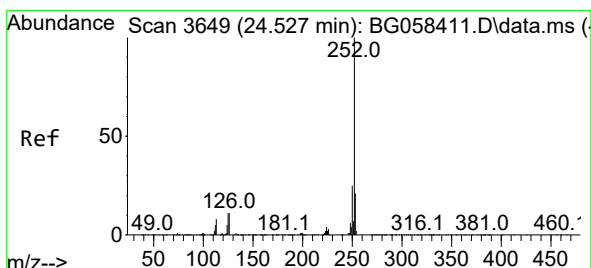
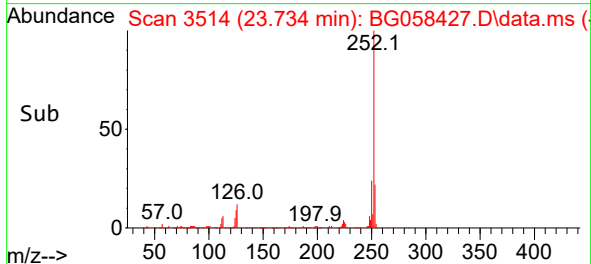
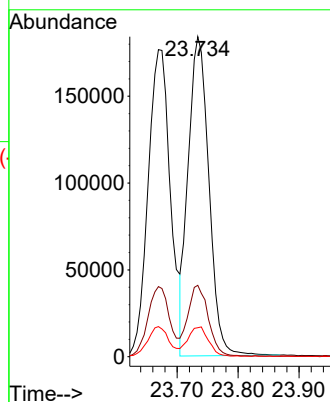
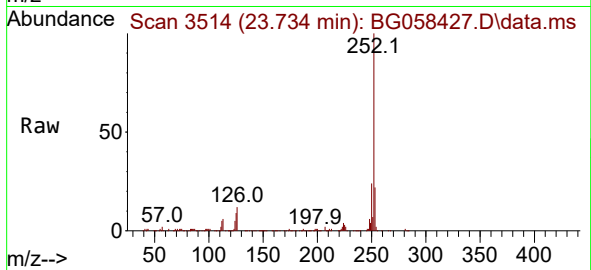
Tgt Ion:252 Resp: 433863

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

125 9.1 7.4 11.0



#93

Benzo(a)pyrene

Concen: 21.888 ng/ul

RT: 24.521 min Scan# 3648

Delta R.T. 0.001 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

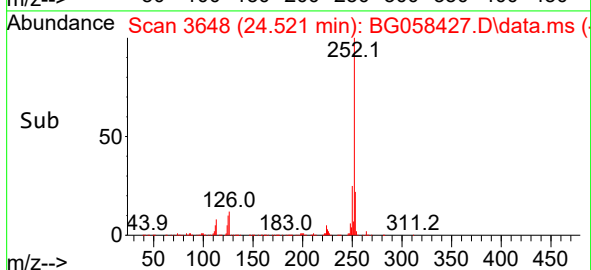
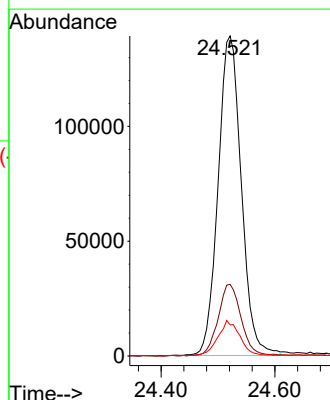
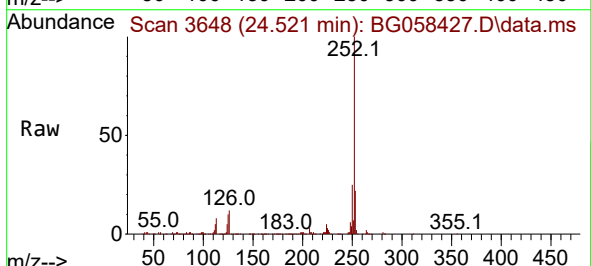
Tgt Ion:252 Resp: 395009

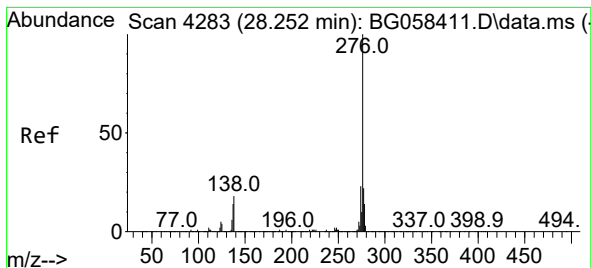
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.7 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 19.084 ng/ul

RT: 28.240 min Scan# 41

Delta R.T. 0.012 min

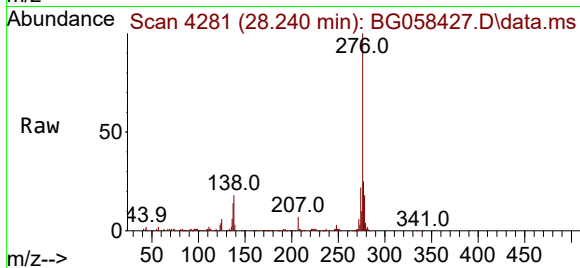
Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

Instrument :

BNA_N

ClientSampleId :



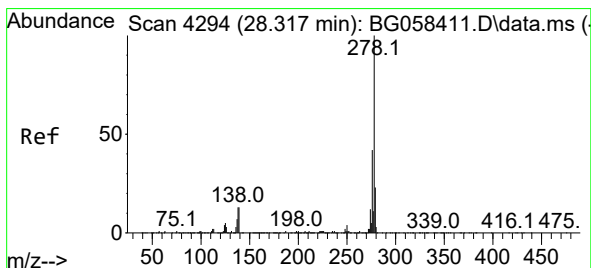
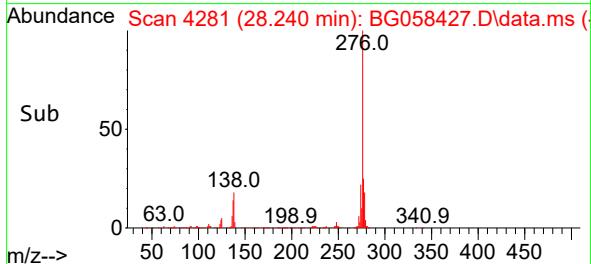
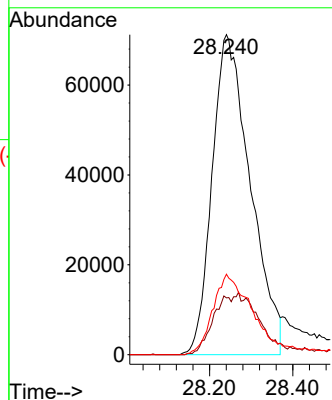
Tgt Ion:276 Resp: 453764

Ion Ratio Lower Upper

276 100

138 17.7 13.8 20.6

277 25.2 19.2 28.8



#95

Dibenzo(a,h)anthracene

Concen: 20.335 ng/ul

RT: 28.293 min Scan# 4290

Delta R.T. 0.001 min

Lab File: BG058427.D

Acq: 23 Jul 2023 10:04

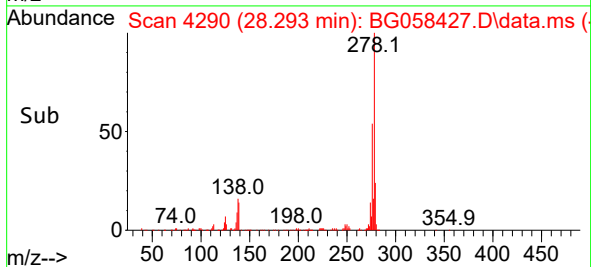
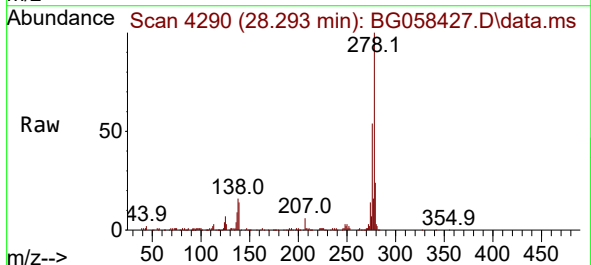
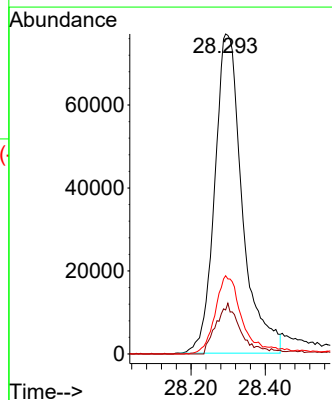
Tgt Ion:278 Resp: 396501

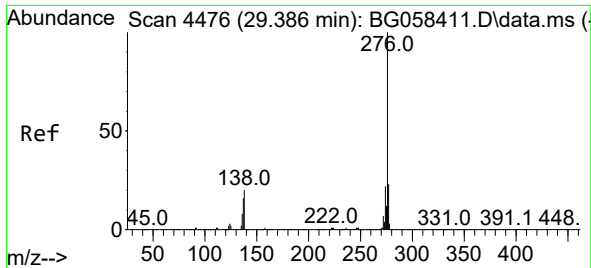
Ion Ratio Lower Upper

278 100

139 13.8 10.4 15.6

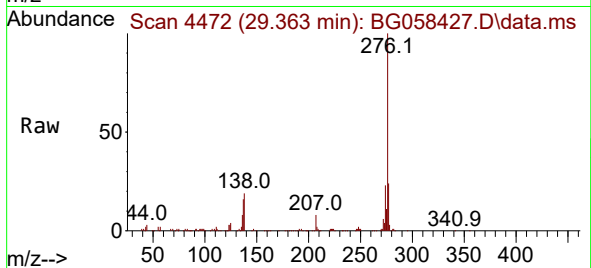
279 24.5 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 16.795 ng/ul
 RT: 29.363 min Scan# 44
 Delta R.T. 0.012 min
 Lab File: BG058427.D
 Acq: 23 Jul 2023 10:04

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 325367
 Ion Ratio Lower Upper
 276 100
 138 18.6 13.5 20.3
 277 24.1 19.4 29.2

