

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
 Data File : BG058405.D
 Acq On : 22 Jul 2023 17:28
 Operator : CG/JU
 Sample : 03536-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 23 01:31:36 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	7.897	152	49326	20.000	ng/ul	0.00
20) Naphthalene-d8	10.700	136	215171	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.537	164	140773	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	295766	20.000	ng/ul	0.00
79) Chrysene-d12	21.534	240	238651	20.000	ng/ul	0.00
88) Perylene-d12	24.672	264	292273	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	3721	2.777	ng/uL	0.00
4) Pyridine-d5	3.743	84	50770	12.763	ng/ul	0.00
7) Phenol-d5	7.069	99	75838	16.207	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	49227	16.832	ng/ul	0.00
11) 2-Chlorophenol-d4	7.427	132	54310	16.581	ng/ul	0.00
15) 4-Methylphenol-d8	8.608	113	22720	6.366	ng/ul	0.00
21) Nitrobenzene-d5	9.055	128	29072	18.025	ng/ul	0.00
24) 2-Nitrophenol-d4	9.777	143	29681	16.857	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.324	165	57790	17.121	ng/ul	0.00
31) 4-Chloroaniline-d4	10.847	131	4875	0.996	ng/ul	0.01
46) Dimethylphthalate-d6	13.937	166	189161	17.426	ng/ul	0.00
49) Acenaphthylene-d8	14.231	160	211912	18.628	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	12608	7.691	ng/ul	0.01
60) Fluorene-d10	15.524	176	168790	18.781	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200	4066	2.698	ng/ul	0.00
73) Anthracene-d10	17.380	188	233676	18.285	ng/ul	0.00
81) Pyrene-d10	19.672	212	228413	16.205	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.454	264	153665	10.878	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.373	88	10260	6.749	ng/uL#	82
5) Pyridine	3.790	79	7944	1.891	ng/ul#	83
6) Benzaldehyde	7.034	77	62360	33.000	ng/ul	99
8) Phenol	7.092	94	91008	18.729	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.316	93	65561	17.611	ng/ul	96
12) 2-Chlorophenol	7.463	128	61680	17.990	ng/ul	97
13) 2-Methylphenol	8.344	108	22812	6.023	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.420	45	107260	17.582	ng/ul	97
16) Acetophenone	8.714	105	155646	25.607	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.696	70	58923	17.712	ng/ul	96
18) 4-Methylphenol	8.673	108	41599	10.107	ng/ul	94
19) Hexachloroethane	8.973	117	16631	12.306	ng/ul	90
22) Nitrobenzene	9.102	77	80227	18.653	ng/ul	99
23) Isophorone	9.619	82	161874	16.787	ng/ul	99
25) 2-Nitrophenol	9.813	139	36378	19.342	ng/ul	95
26) 2,4-Dimethylphenol	9.871	107	4694	1.119	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.101	93	93670	18.342	ng/ul	96
29) 2,4-Dichlorophenol	10.347	162	59947	18.712	ng/ul	96
30) Naphthalene	10.747	128	220098	19.137	ng/ul	99
33) Hexachlorobutadiene	11.029	225	45861	20.020	ng/ul	97
34) Caprolactam	11.622	113	17814	13.388	ng/ul	100
35) 4-Chloro-3-methylphenol	11.993	107	55511	13.616	ng/ul	99
36) 2-Methylnaphthalene	12.357	142	148450	19.266	ng/ul	96
37) 1-Methylnaphthalene	12.580	142	148484	18.802	ng/ul	99

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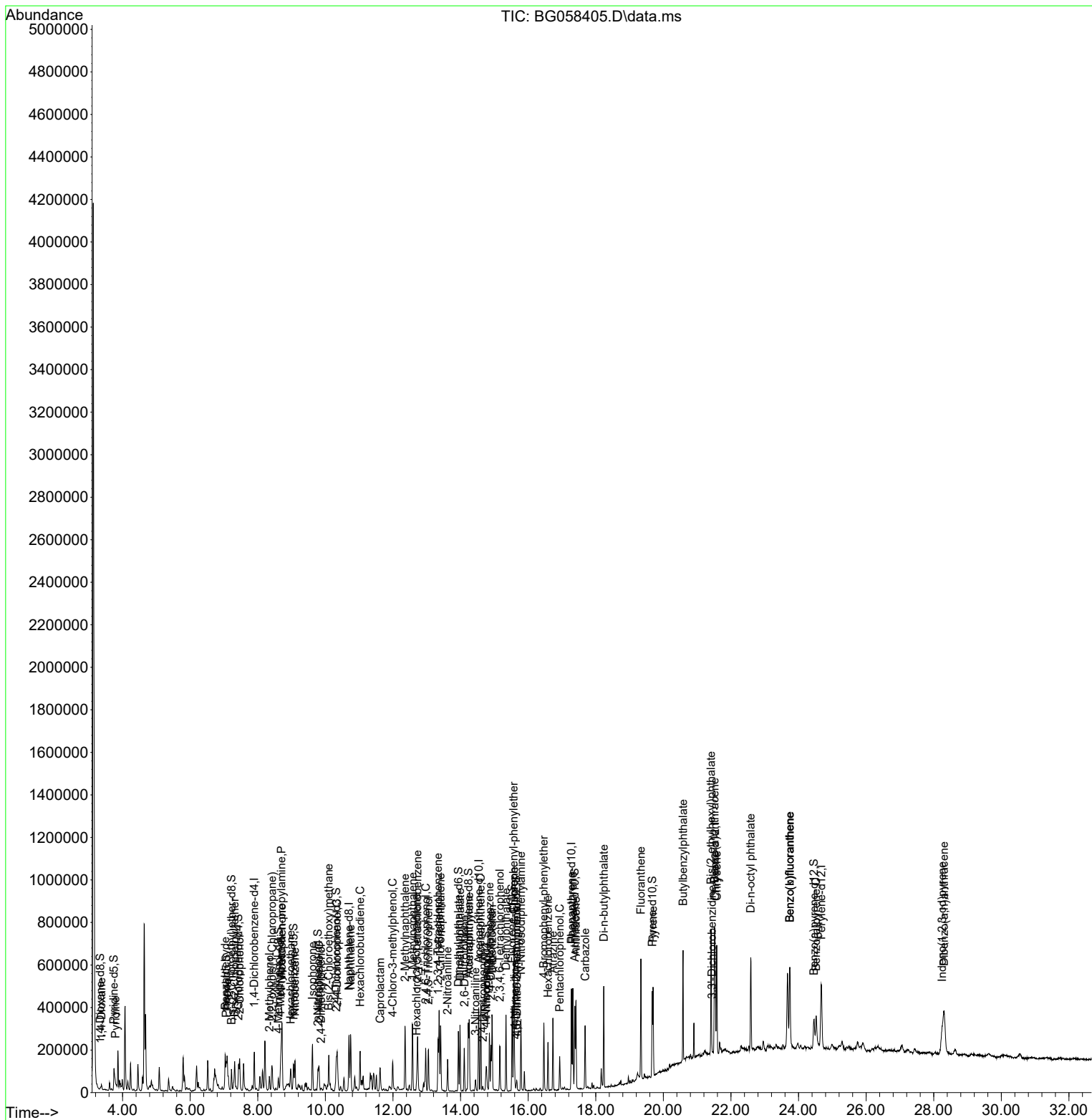
Instrument :
 BNA_M
 ClientSampleId :

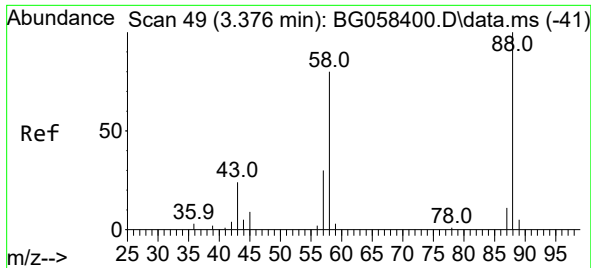
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.727	216	81909	20.100	ng/ul	98
40) Hexachlorocyclopentadiene	12.698	237	15013	6.850	ng/ul	95
41) 2,4,6-Trichlorophenol	12.968	196	50931	18.462	ng/ul	96
42) 2,4,5-Trichlorophenol	13.050	196	59436	20.205	ng/ul	97
43) 1,1'-Biphenyl	13.367	154	198787	20.883	ng/ul	99
44) 2-Chloronaphthalene	13.409	162	156607	20.692	ng/ul	98
45) 2-Nitroaniline	13.614	65	49686	18.900	ng/ul	97
47) Dimethylphthalate	13.984	163	203324	18.647	ng/ul	100
48) 2,6-Dinitrotoluene	14.114	165	41994	19.930	ng/ul	94
50) Acenaphthylene	14.255	152	238383	19.413	ng/ul	98
51) 3-Nitroaniline	14.443	138	13515	7.697	ng/ul	98
52) Acenaphthene	14.595	153	171756	20.146	ng/ul	99
53) 2,4-Dinitrophenol	14.660	184	4202	3.747	ng/ul	92
55) 4-Nitrophenol	14.766	109	20977	16.614	ng/ul	94
56) Dibenzofuran	14.936	168	244503	20.141	ng/ul	97
57) 2,4-Dinitrotoluene	14.901	165	56621	18.632	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.159	232	49098	18.065	ng/ul#	96
59) Diethylphthalate	15.347	149	209251	18.628	ng/ul	99
61) Fluorene	15.582	166	198576	19.947	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.571	204	103540	19.591	ng/ul	98
63) 4-Nitroaniline	15.606	138	17154	10.796	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.665	198	9161	5.909	ng/ul#	91
67) N-Nitrosodiphenylamine	15.788	169	129485	17.661	ng/ul	99
68) 4-Bromophenyl-phenylether	16.464	248	69523	22.192	ng/ul	98
69) Hexachlorobenzene	16.587	284	52209	14.769	ng/ul	98
70) Atrazine	16.734	200	61429	21.371	ng/ul	97
71) Pentachlorophenol	16.934	266	31325	15.787	ng/ul	88
72) Phenanthrene	17.322	178	303014	21.558	ng/ul	98
74) Anthracene	17.416	178	275603	19.532	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.332	216	78824	21.247	ng/uL	96
76) Pentachlorobenzene	14.854	250	75682	18.655	ng/uL	94
77) Carbazole	17.686	167	201291	16.457	ng/ul	99
78) Di-n-butylphthalate	18.238	149	353694	22.756	ng/ul	99
80) Fluoranthene	19.337	202	345869	21.419	ng/ul	98
82) Pyrene	19.695	202	261725	15.996	ng/ul	99
83) Butylbenzylphthalate	20.582	149	155874	24.194	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.434	252	6359	1.194	ng/ul#	72
85) Benzo(a)anthracene	21.517	228	339682	21.176	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.411	149	242881	26.504	ng/ul	100
87) Chrysene	21.581	228	326861	21.483	ng/ul	99
89) Di-n-octyl phthalate	22.586	149	385579	24.794	ng/ul	100
90) Benzo(b)fluoranthene	23.743	252	346733	20.504	ng/ul	97
91) Benzo(k)fluoranthene	23.743	252	349739	20.737	ng/ul	99
93) Benzo(a)pyrene	24.519	252	135339	8.998	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.250	276	286118	14.438	ng/ul	100
95) Dibenzo(a,h)anthracene	28.309	278	344692	21.211	ng/ul	99

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

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#2
1,4-Dioxane

Concen: 6.749 ng/uL

RT: 3.373 min Scan# 41

Delta R.T. -0.002 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

Instrument :

BNA_M

ClientSampleId :

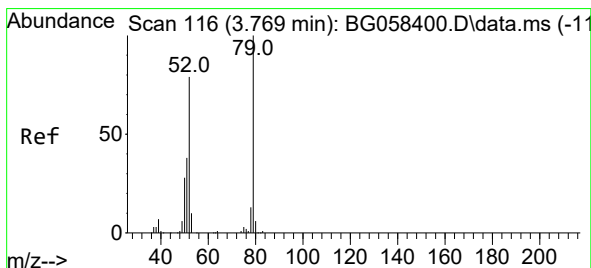
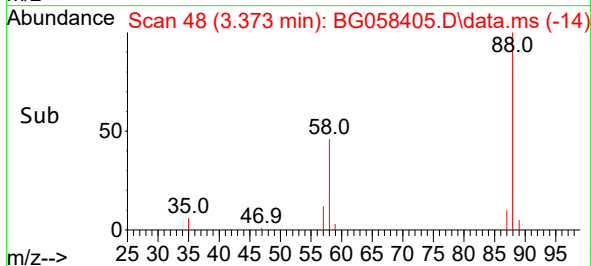
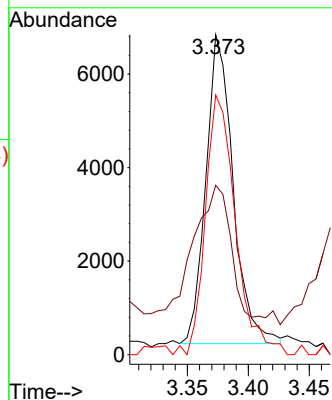
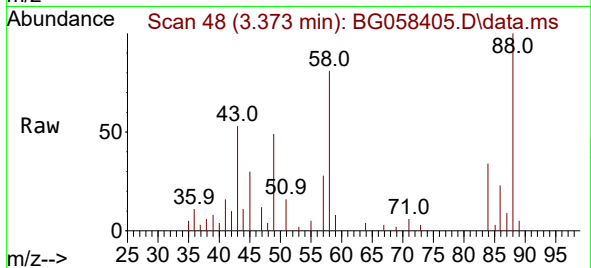
Tgt Ion: 88 Resp: 10260

Ion Ratio Lower Upper

88 100

43 53.0 19.6 29.4#

58 81.2 70.2 105.4



#5

Pyridine

Concen: 1.891 ng/uL

RT: 3.790 min Scan# 119

Delta R.T. 0.022 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

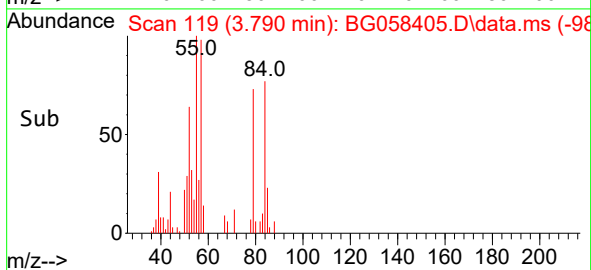
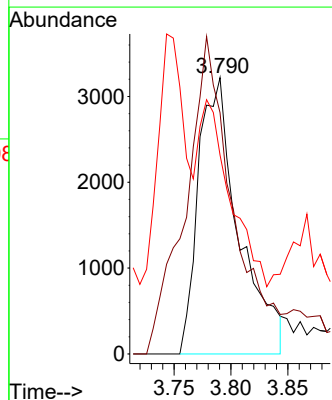
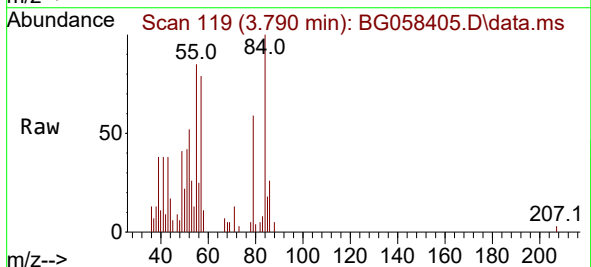
Tgt Ion: 79 Resp: 7944

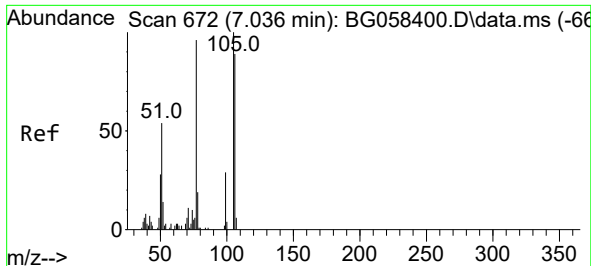
Ion Ratio Lower Upper

79 100

52 87.3 72.3 108.5

51 72.0 33.4 50.0#

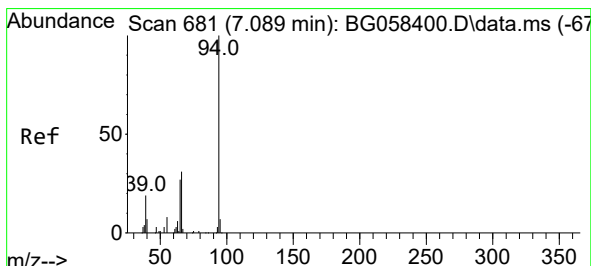
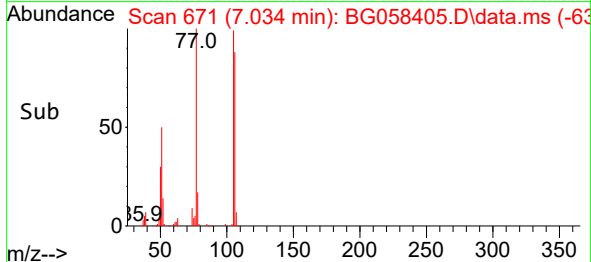
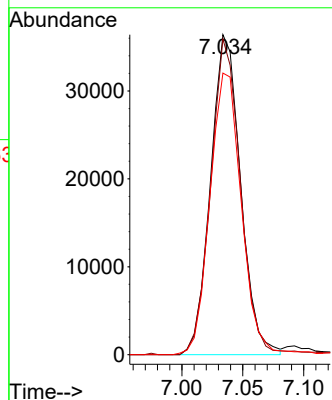
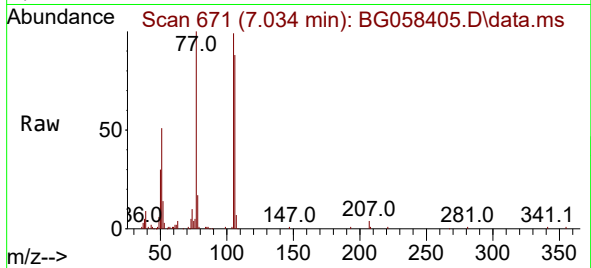




#6
Benzaldehyde
Concen: 33.000 ng/ul
RT: 7.034 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

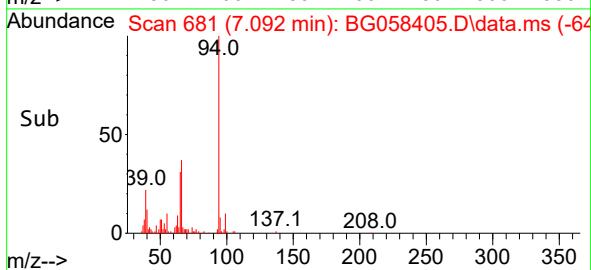
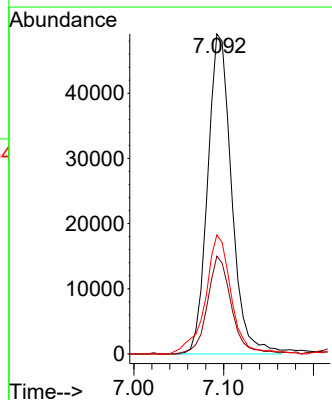
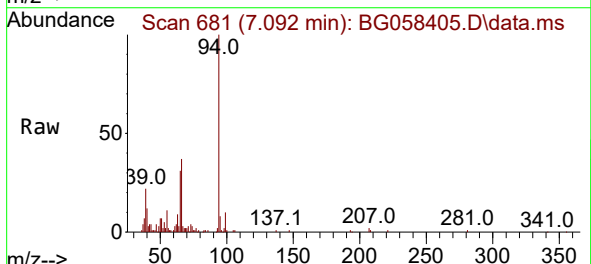
Instrument :
BNA_M
ClientSampleId :

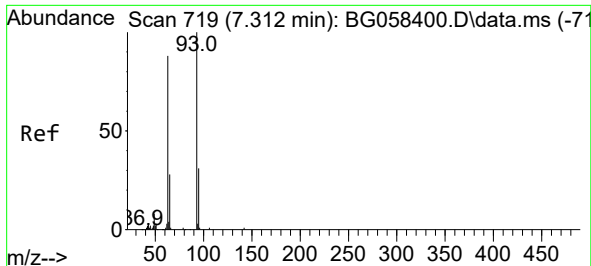
Tgt Ion: 77 Resp: 62360
Ion Ratio Lower Upper
77 100
105 98.7 78.2 117.4
106 88.0 71.6 107.4



#8
Phenol
Concen: 18.729 ng/ul
RT: 7.092 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

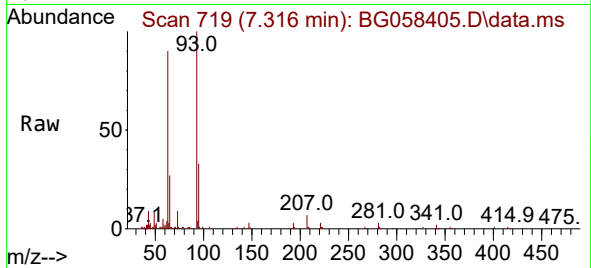
Tgt Ion: 94 Resp: 91008
Ion Ratio Lower Upper
94 100
65 30.5 23.8 35.8
66 37.2 31.2 46.8





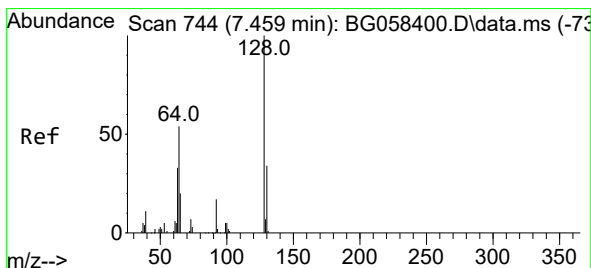
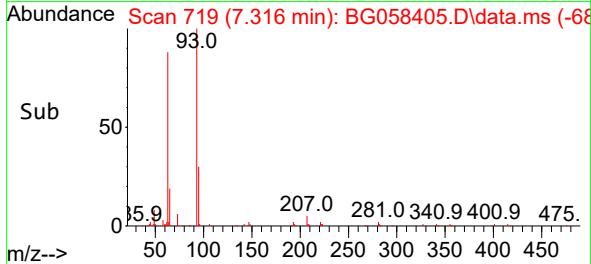
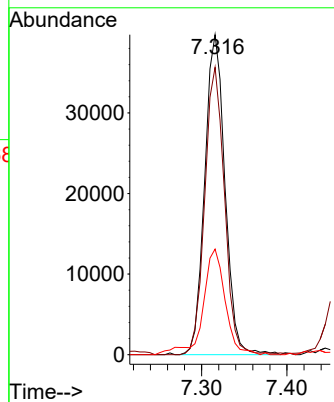
#10
 Bis(2-Chloroethyl)ether
 Concen: 17.611 ng/ul
 RT: 7.316 min Scan# 719
 Delta R.T. -0.001 min
 Lab File: BG058405.D
 Acq: 22 Jul 2023 17:28

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 93 Resp: 65561

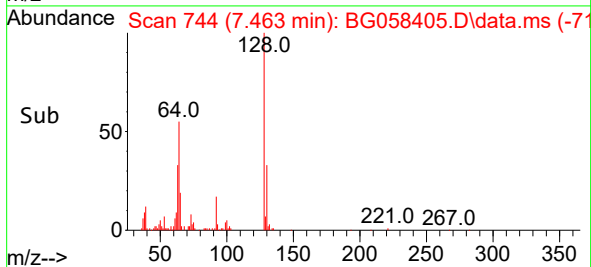
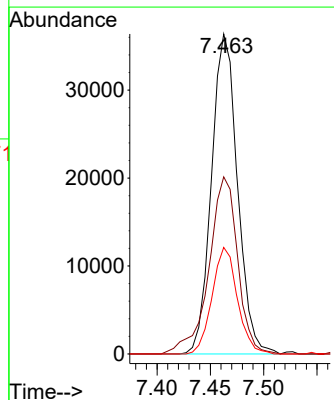
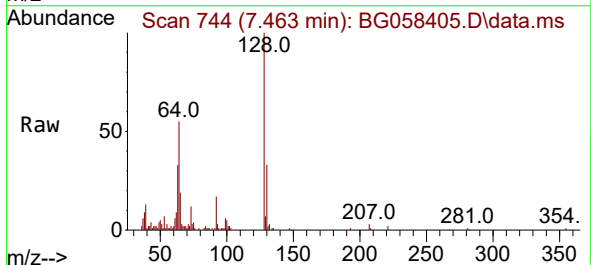
Ion	Ratio	Lower	Upper
93	100		
63	89.8	67.7	101.5
95	33.0	27.0	40.6

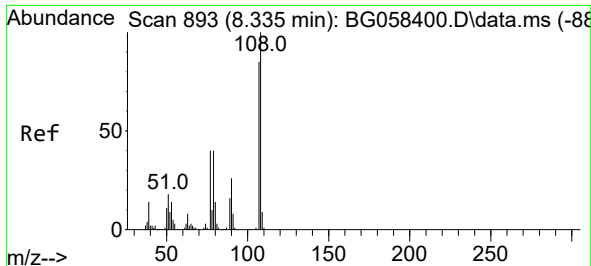


#12
 2-Chlorophenol
 Concen: 17.990 ng/ul
 RT: 7.463 min Scan# 744
 Delta R.T. -0.001 min
 Lab File: BG058405.D
 Acq: 22 Jul 2023 17:28

Tgt Ion:128 Resp: 61680

Ion	Ratio	Lower	Upper
128	100		
64	55.4	45.6	68.4
130	33.3	25.2	37.8





#13

2-Methylphenol

Concen: 6.023 ng/ul

RT: 8.344 min Scan# 894

Delta R.T. 0.004 min

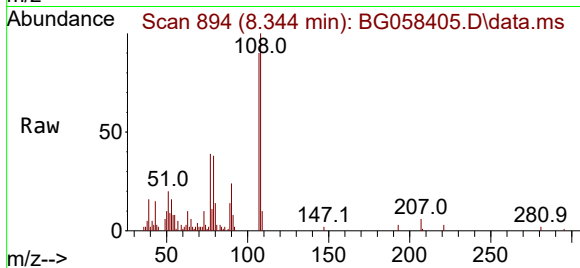
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Instrument :

BNA_M

ClientSampleId :

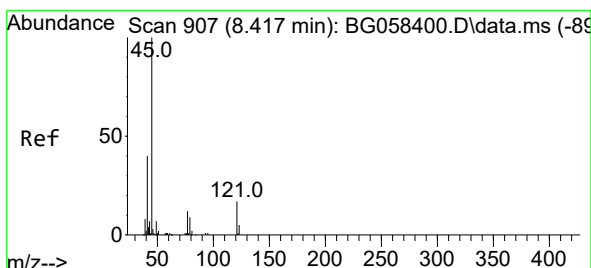
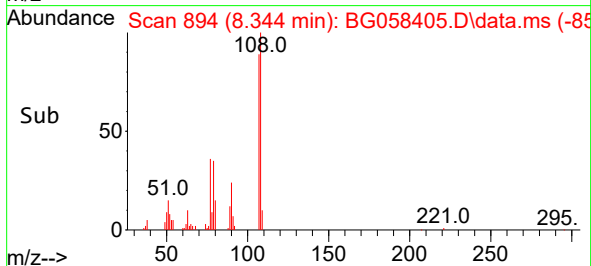
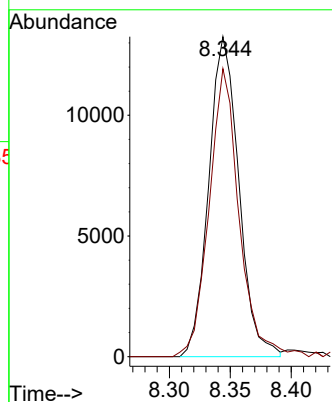


Tgt Ion:108 Resp: 22812

Ion Ratio Lower Upper

108 100

107 90.0 71.5 107.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 17.582 ng/ul

RT: 8.420 min Scan# 907

Delta R.T. -0.007 min

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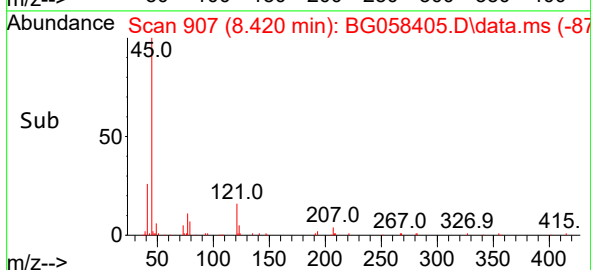
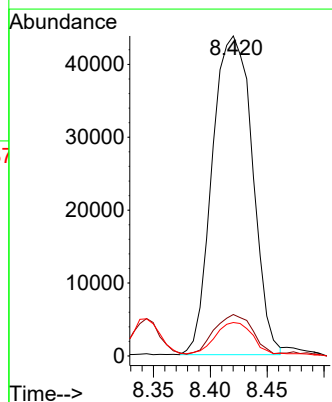
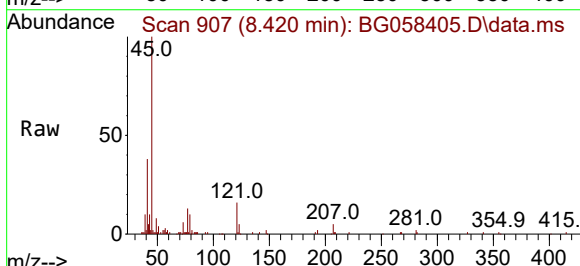
Tgt Ion: 45 Resp: 107260

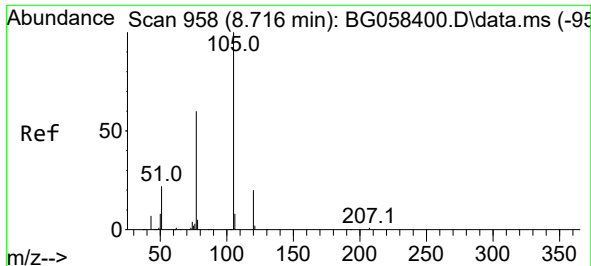
Ion Ratio Lower Upper

45 100

77 12.9 9.4 14.2

79 10.4 7.4 11.2

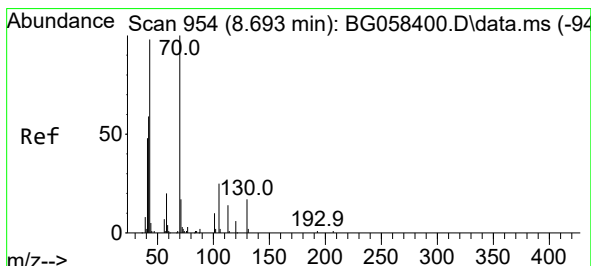
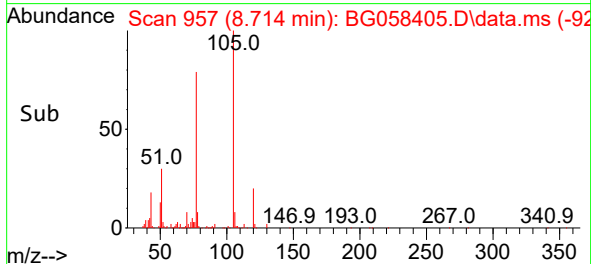
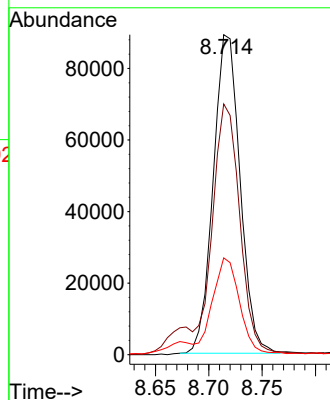
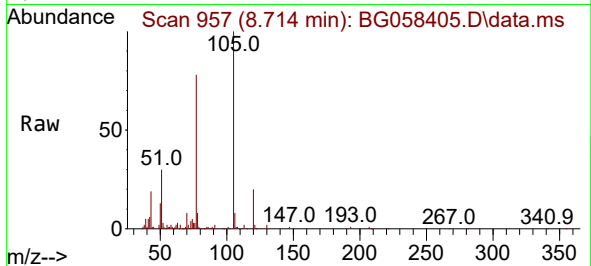




#16
Acetophenone
Concen: 25.607 ng/ul
RT: 8.714 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

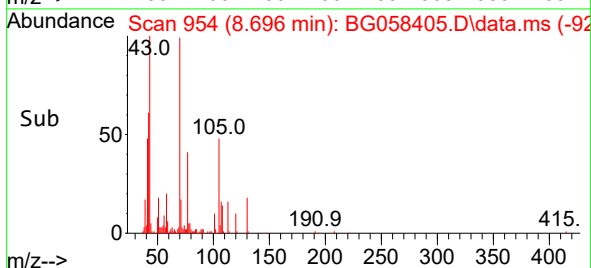
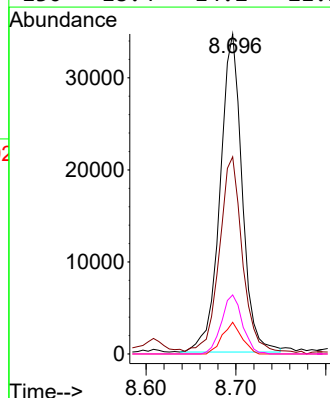
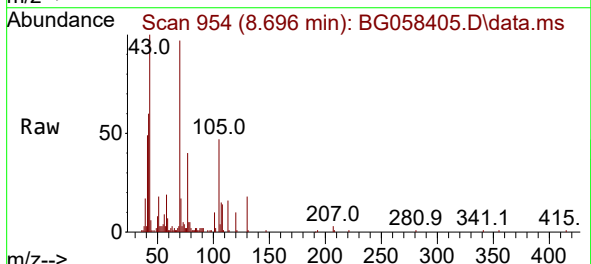
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BNA_M
ClientSampleId :

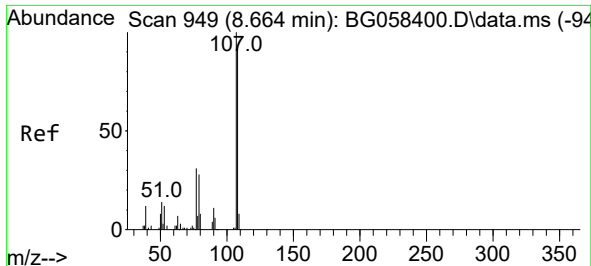
Tgt Ion:105 Resp: 155646
Ion Ratio Lower Upper
105 100
77 78.3 60.7 91.1
51 30.2 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 17.712 ng/ul
RT: 8.696 min Scan# 954
Delta R.T. -0.007 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

Tgt Ion: 70 Resp: 58923
Ion Ratio Lower Upper
70 100
42 61.6 46.6 69.8
101 9.9 7.3 10.9
130 18.4 14.2 21.2

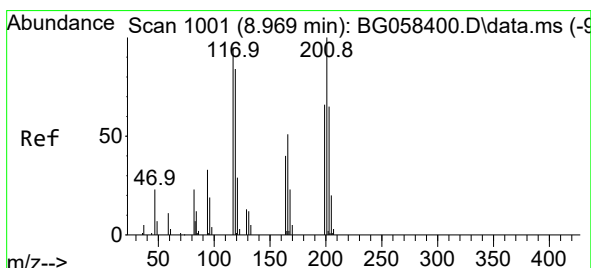
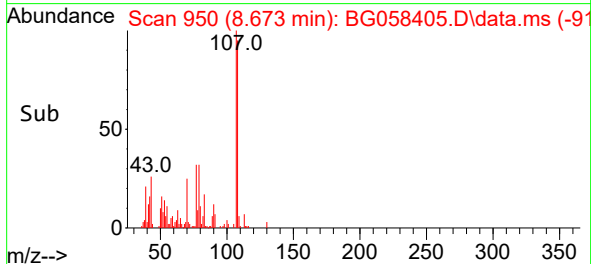
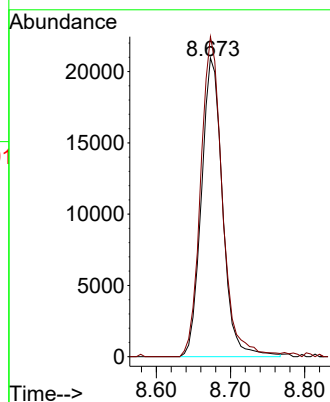
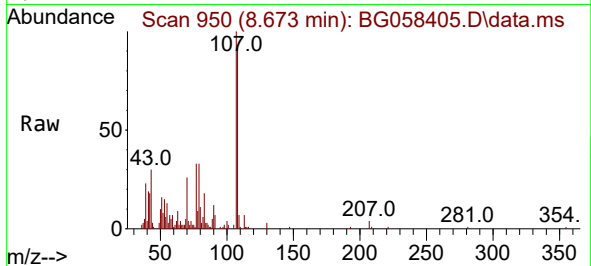




#18
4-Methylphenol
Concen: 10.107 ng/ul
RT: 8.673 min Scan# 949
Delta R.T. 0.004 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

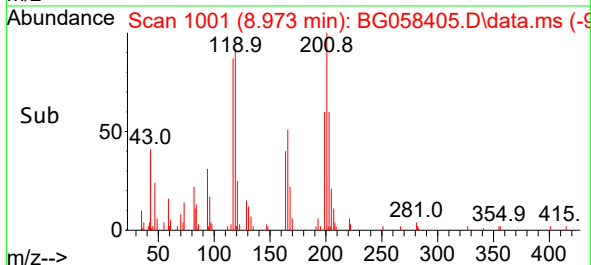
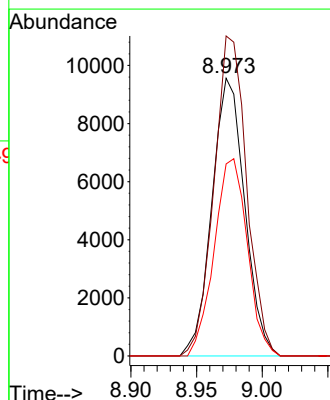
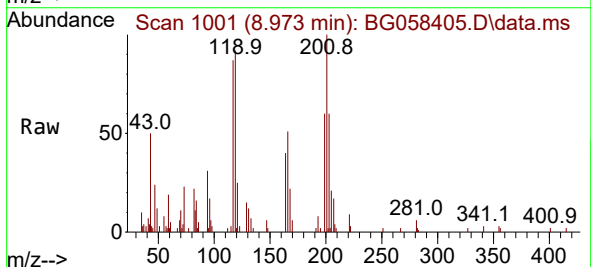
Instrument :
BNA_M
ClientSampleId :

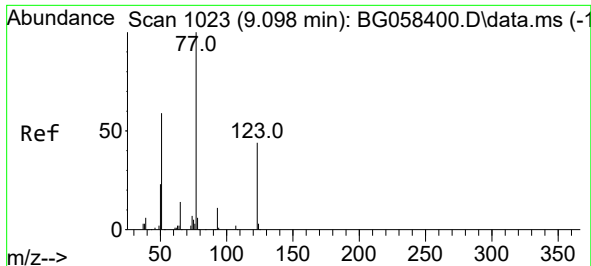
Tgt Ion:108 Resp: 41599
Ion Ratio Lower Upper
108 100
107 107.1 90.6 136.0



#19
Hexachloroethane
Concen: 12.306 ng/ul
RT: 8.973 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

Tgt Ion:117 Resp: 16631
Ion Ratio Lower Upper
117 100
201 115.2 103.6 155.4
199 69.1 60.1 90.1

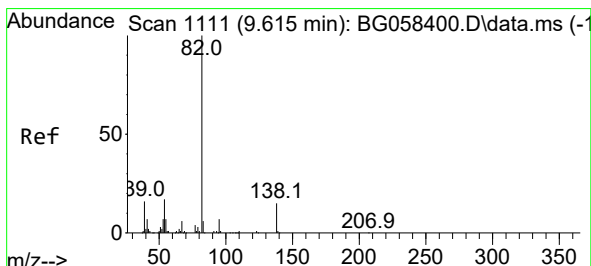
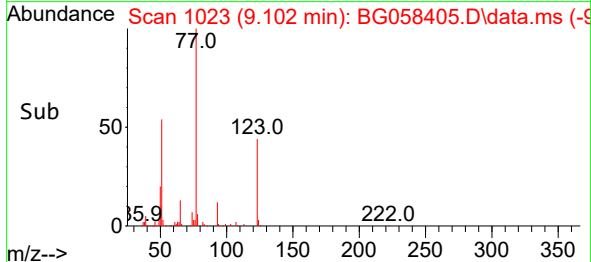
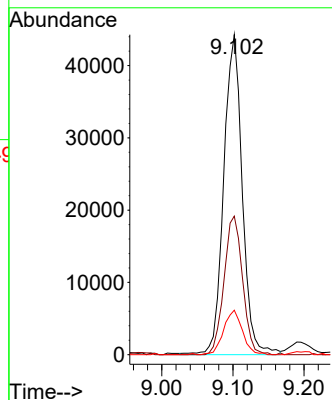
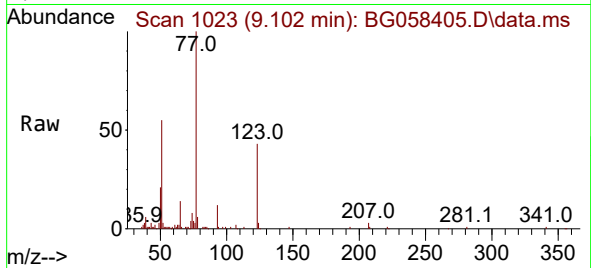




#22
Nitrobenzene
Concen: 18.653 ng/ul
RT: 9.102 min Scan# 1023
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

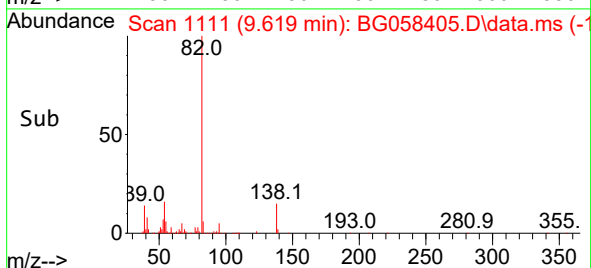
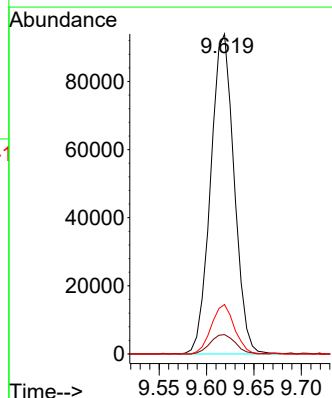
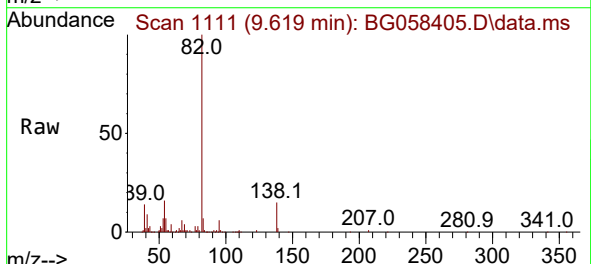
Instrument :
BNA_M
ClientSampleId :

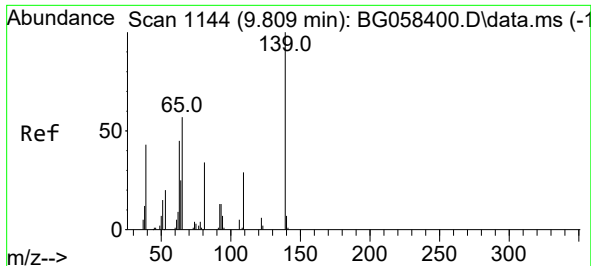
Tgt Ion: 77 Resp: 80227
Ion Ratio Lower Upper
77 100
123 43.3 34.0 51.0
65 13.9 11.0 16.6



#23
Isophorone
Concen: 16.787 ng/ul
RT: 9.619 min Scan# 1111
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

Tgt Ion: 82 Resp: 161874
Ion Ratio Lower Upper
82 100
95 6.0 5.1 7.7
138 15.5 11.9 17.9

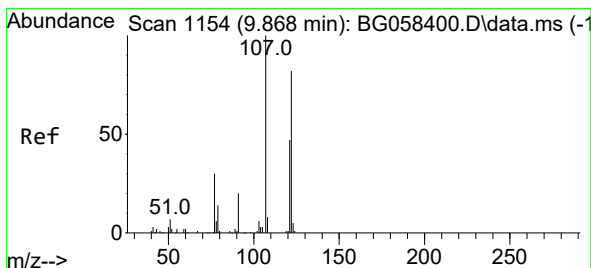
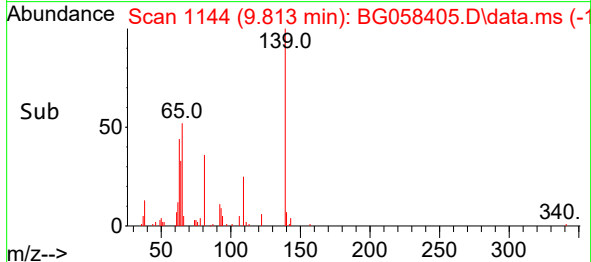
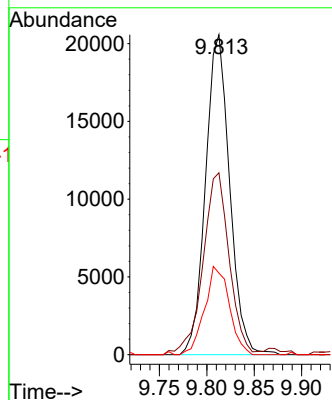
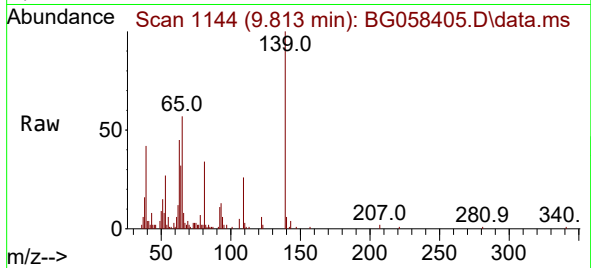




#25
2-Nitrophenol
Concen: 19.342 ng/ul
RT: 9.813 min Scan# 1144
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

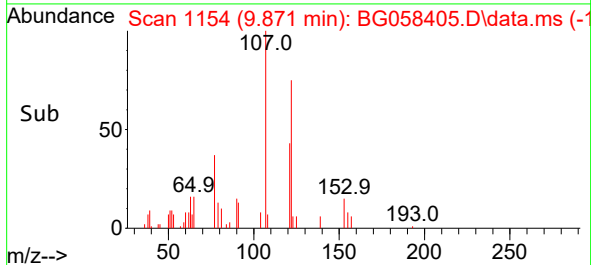
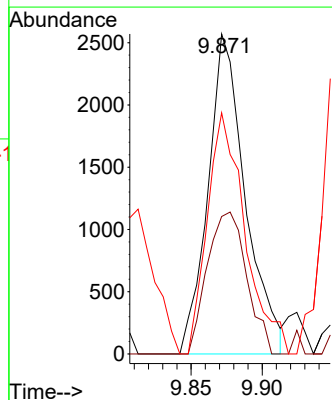
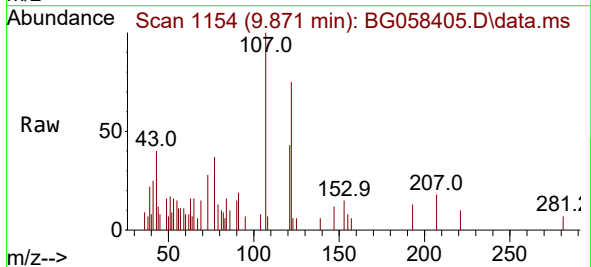
Instrument :
BNA_M
ClientSampleId :

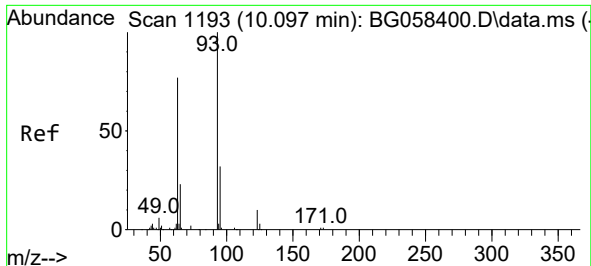
Tgt Ion:139 Resp: 36378
Ion Ratio Lower Upper
139 100
65 56.9 49.2 73.8
109 25.5 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 1.119 ng/ul
RT: 9.871 min Scan# 1154
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

Tgt Ion:107 Resp: 4694
Ion Ratio Lower Upper
107 100
121 43.0 39.1 58.7
122 75.3 68.9 103.3

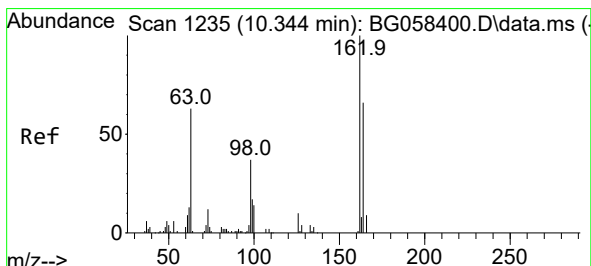
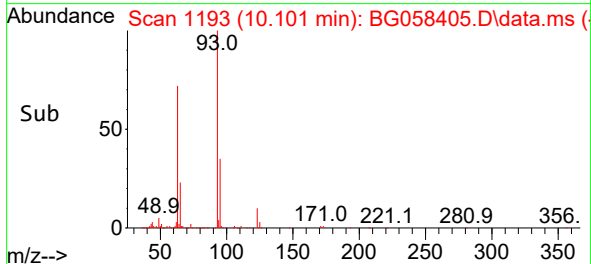
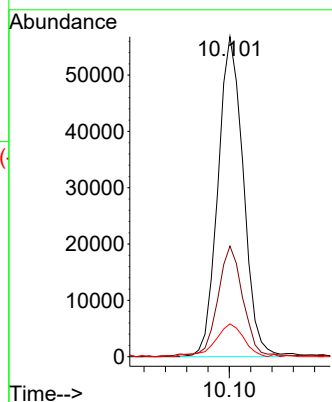
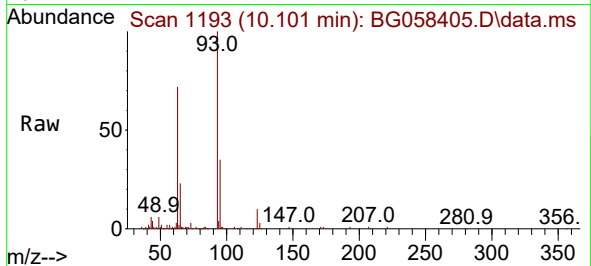




#27
 Bis(2-Chloroethoxy)methane
 Concen: 18.342 ng/ul
 RT: 10.101 min Scan# 1193
 Delta R.T. -0.007 min
 Lab File: BG058405.D
 Acq: 22 Jul 2023 17:28

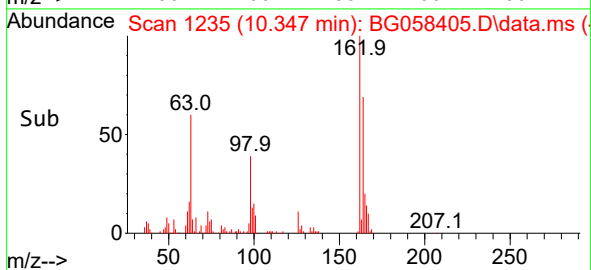
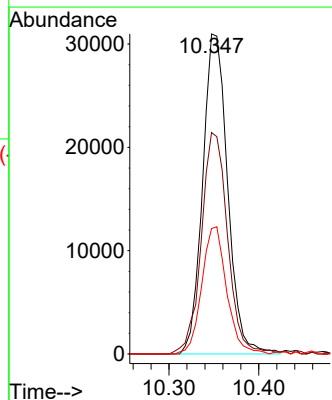
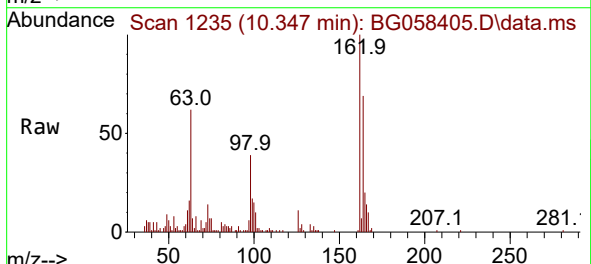
Instrument :
 BNA_M
 ClientSampleId :

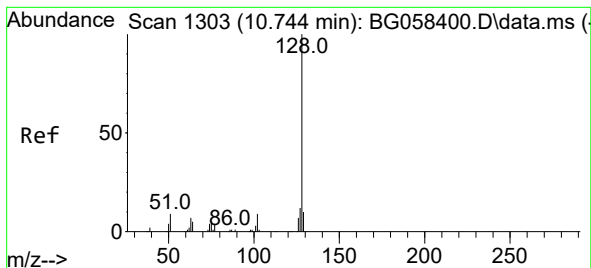
Tgt Ion: 93 Resp: 93670
 Ion Ratio Lower Upper
 93 100
 95 34.5 25.8 38.8
 123 10.2 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 18.712 ng/ul
 RT: 10.347 min Scan# 1235
 Delta R.T. -0.001 min
 Lab File: BG058405.D
 Acq: 22 Jul 2023 17:28

Tgt Ion:162 Resp: 59947
 Ion Ratio Lower Upper
 162 100
 164 69.2 58.4 87.6
 98 39.2 29.6 44.4

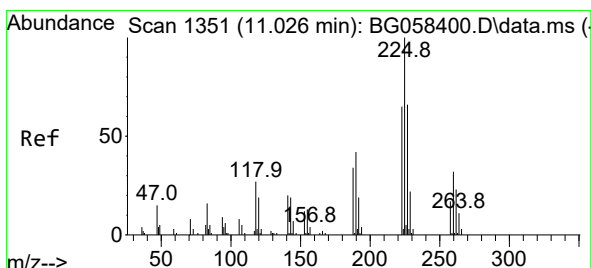
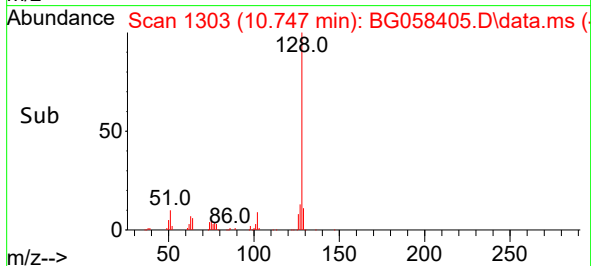
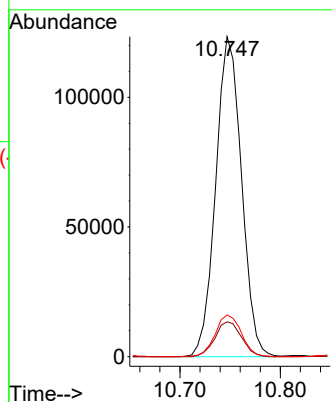
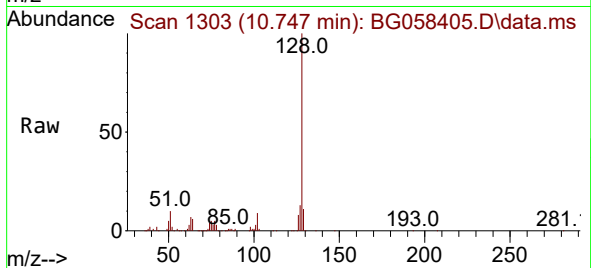




#30
Naphthalene
Concen: 19.137 ng/ul
RT: 10.747 min Scan# 1303
Delta R.T. -0.007 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

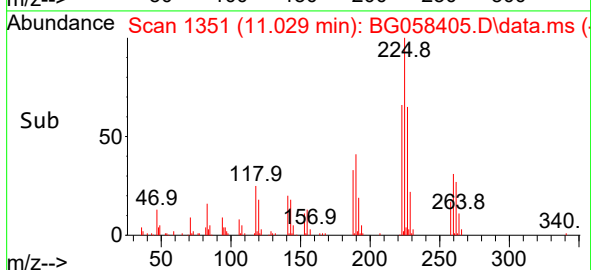
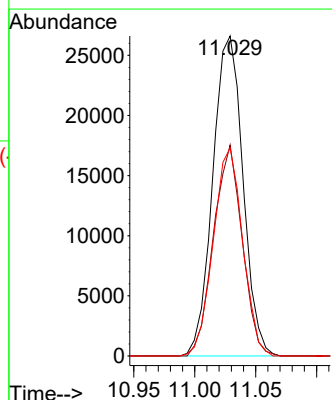
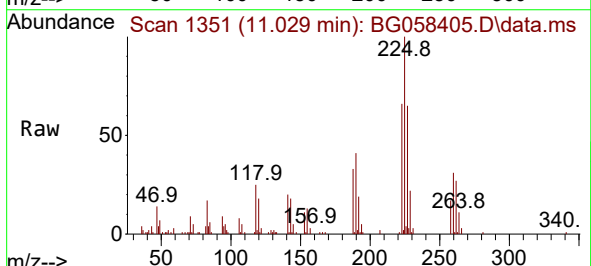
Instrument :
BNA_M
ClientSampleId :

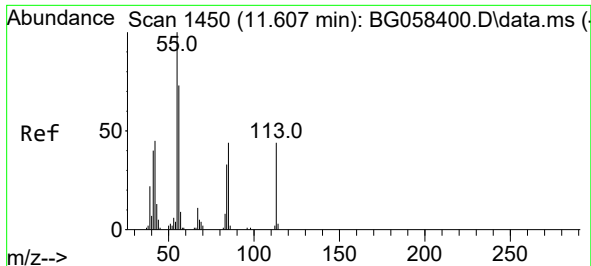
Tgt Ion:128 Resp: 220098
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.8 16.2



#33
Hexachlorobutadiene
Concen: 20.020 ng/ul
RT: 11.029 min Scan# 1351
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

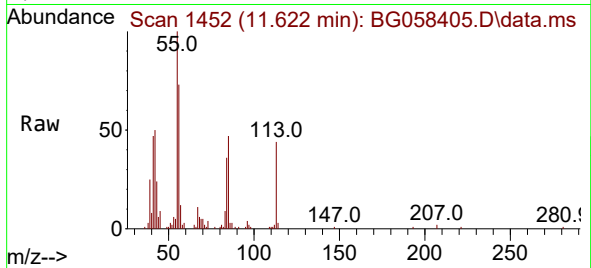
Tgt Ion:225 Resp: 45861
Ion Ratio Lower Upper
225 100
223 65.9 49.7 74.5
227 68.1 53.2 79.8



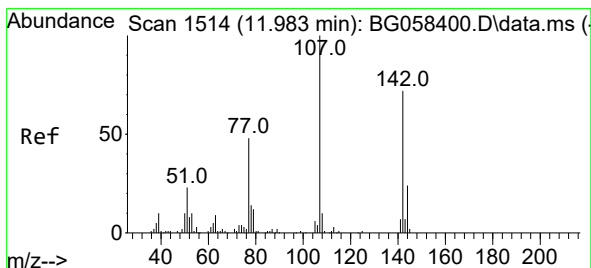
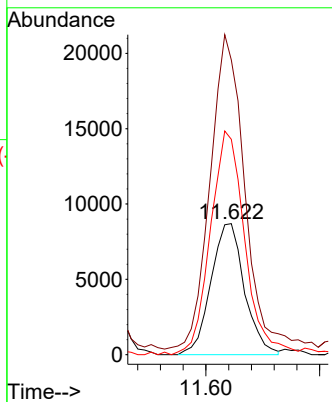
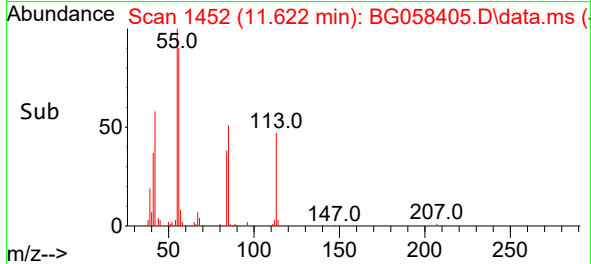


#34
Caprolactam
Concen: 13.388 ng/ul
RT: 11.622 min Scan# 1452
Delta R.T. -0.013 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

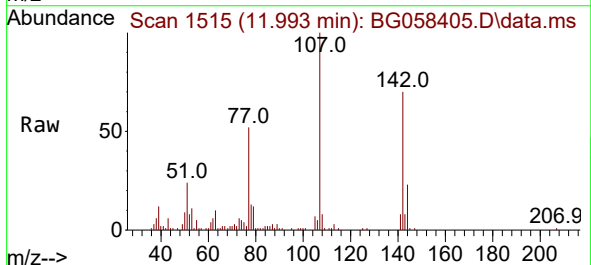
Instrument :
BNA_M
ClientSampleId :



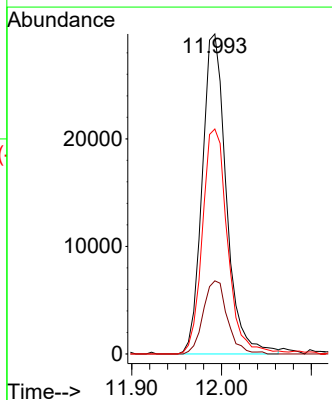
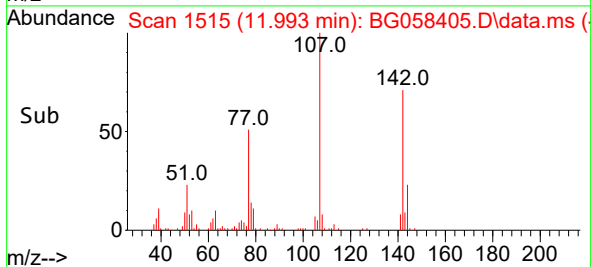
Tgt Ion:113 Resp: 17814
Ion Ratio Lower Upper
113 100
55 224.9 179.8 269.6
56 164.3 132.2 198.4

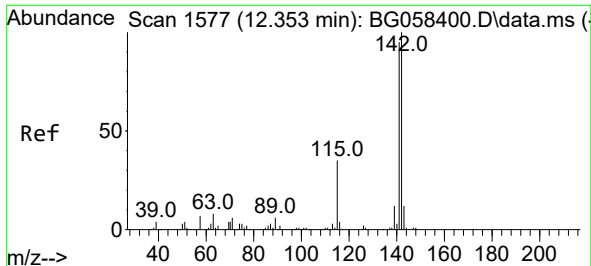


#35
4-Chloro-3-methylphenol
Concen: 13.616 ng/ul
RT: 11.993 min Scan# 1515
Delta R.T. 0.004 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28



Tgt Ion:107 Resp: 55511
Ion Ratio Lower Upper
107 100
144 22.8 19.0 28.6
142 70.3 55.8 83.6

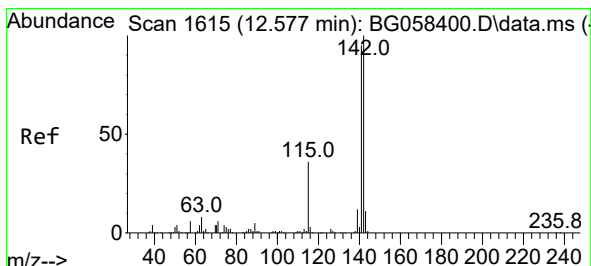
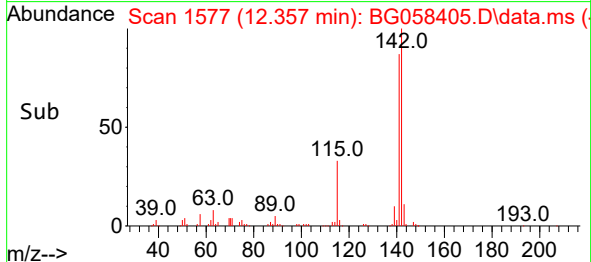
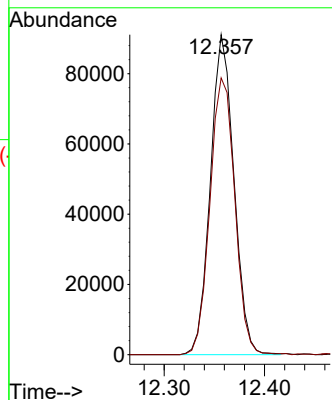
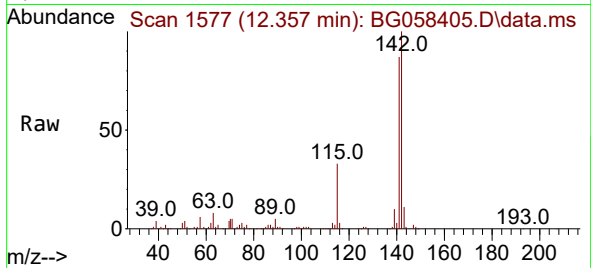




#36
2-Methylnaphthalene
Concen: 19.266 ng/ul
RT: 12.357 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

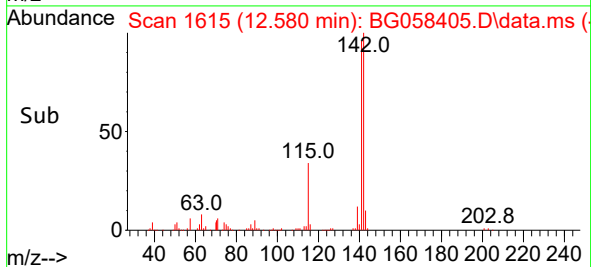
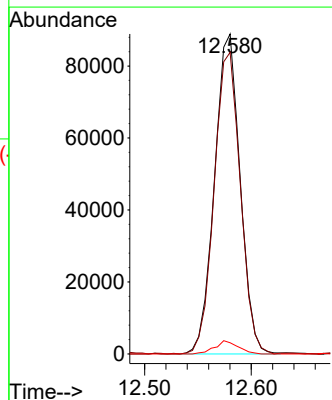
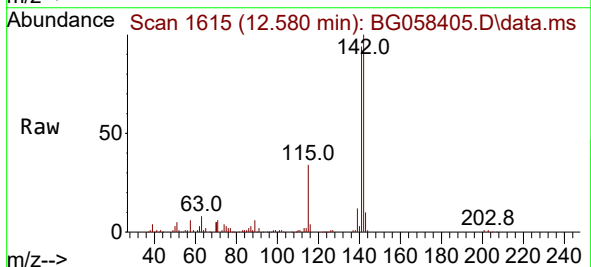
Instrument :
BNA_M
ClientSampleId :

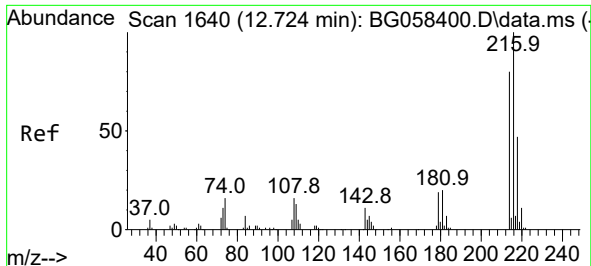
Tgt Ion:142 Resp: 148450
Ion Ratio Lower Upper
142 100
141 86.5 72.6 108.8



#37
1-Methylnaphthalene
Concen: 18.802 ng/ul
RT: 12.580 min Scan# 1615
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

Tgt Ion:142 Resp: 148484
Ion Ratio Lower Upper
142 100
141 94.3 75.8 113.6
116 3.5 3.2 4.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.100 ng/ul

RT: 12.727 min Scan# 1

Delta R.T. -0.001 min

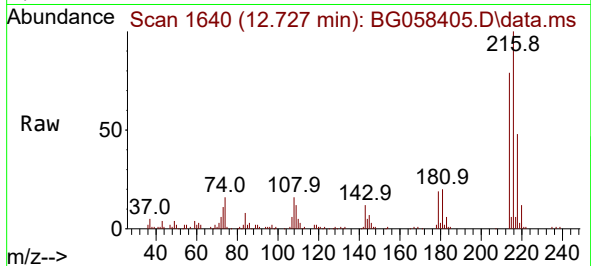
Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:216 Resp: 81909

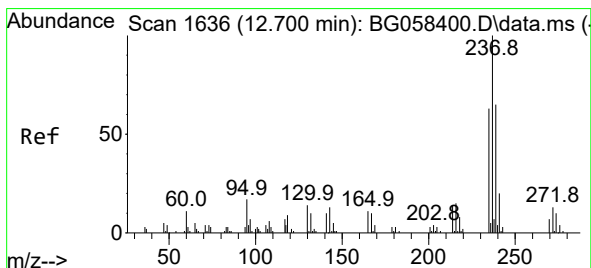
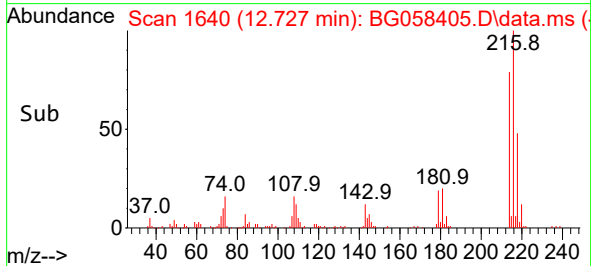
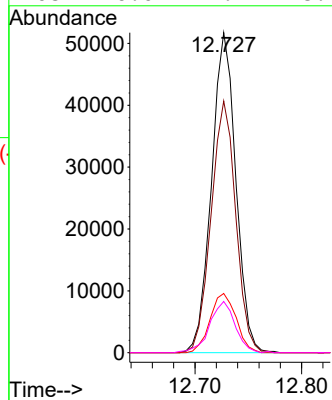
Ion Ratio Lower Upper

216 100

214 78.7 62.2 93.4

179 18.5 16.2 24.2

108 16.0 12.2 18.4



#40

Hexachlorocyclopentadiene

Concen: 6.850 ng/ul

RT: 12.698 min Scan# 1635

Delta R.T. -0.007 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

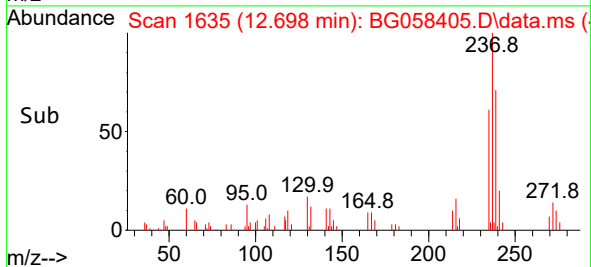
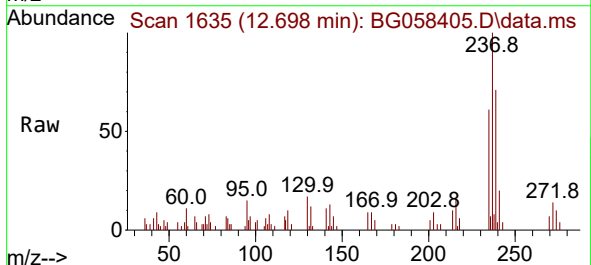
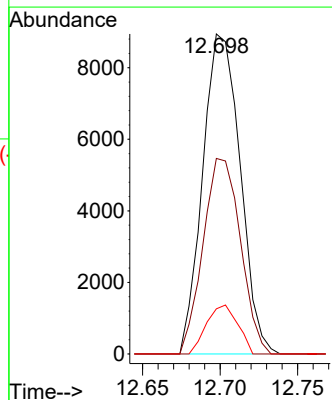
Tgt Ion:237 Resp: 15013

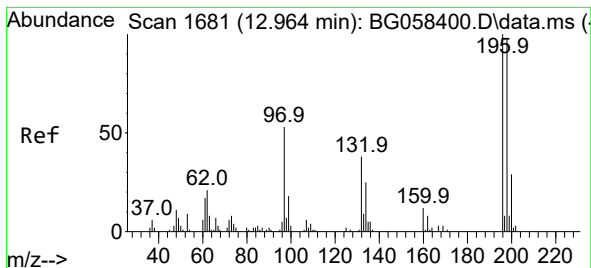
Ion Ratio Lower Upper

237 100

235 67.9 50.9 76.3

272 14.1 10.8 16.2





#41

2,4,6-Trichlorophenol

Concen: 18.462 ng/ul

RT: 12.968 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

Instrument :

BNA_M

ClientSampleId :

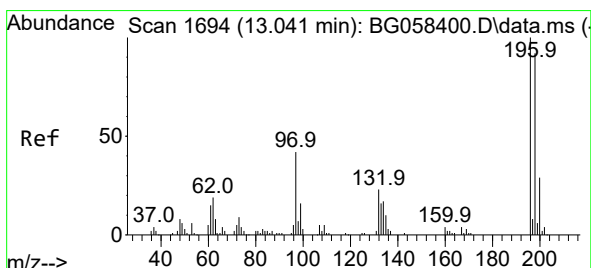
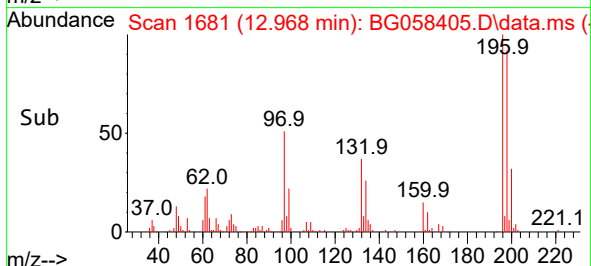
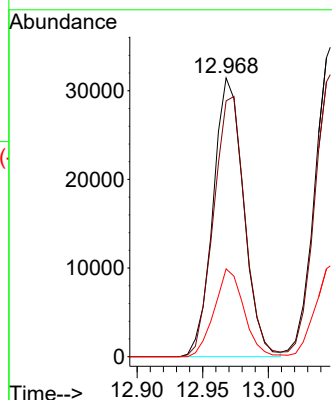
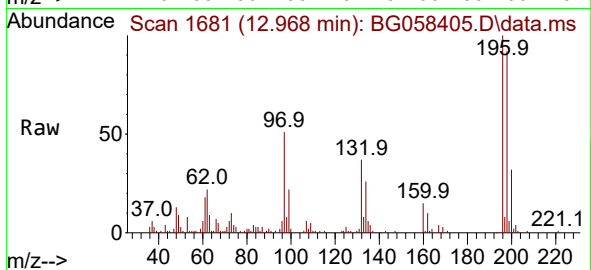
Tgt Ion:196 Resp: 50931

Ion Ratio Lower Upper

196 100

198 91.8 77.7 116.5

200 31.5 25.0 37.6



#42

2,4,5-Trichlorophenol

Concen: 20.205 ng/ul

RT: 13.050 min Scan# 1695

Delta R.T. 0.004 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

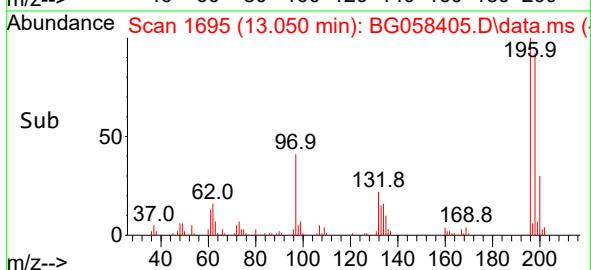
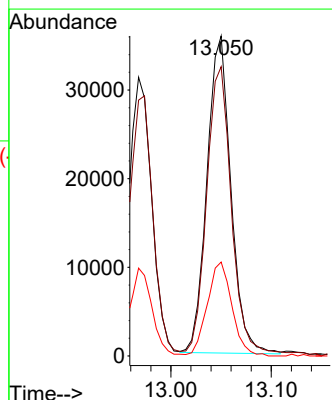
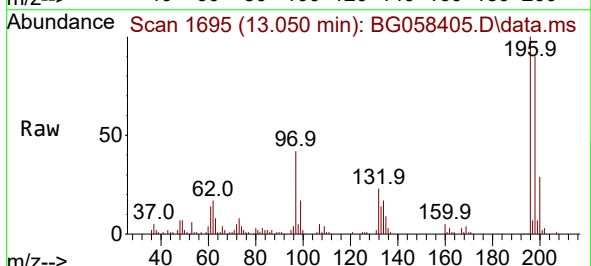
Tgt Ion:196 Resp: 59436

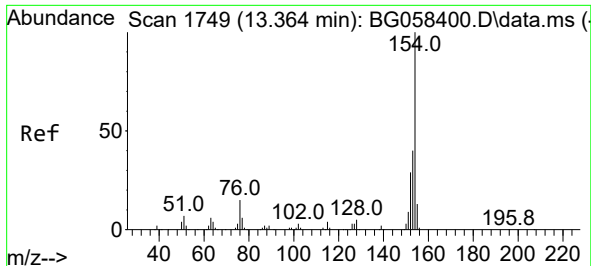
Ion Ratio Lower Upper

196 100

198 90.4 74.8 112.2

200 29.3 24.4 36.6

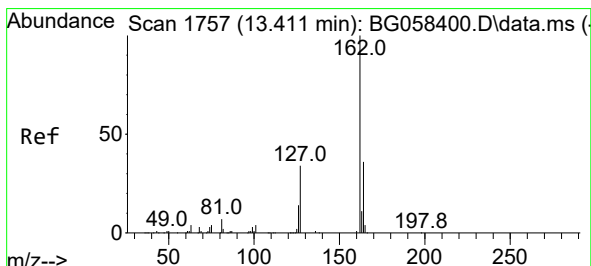
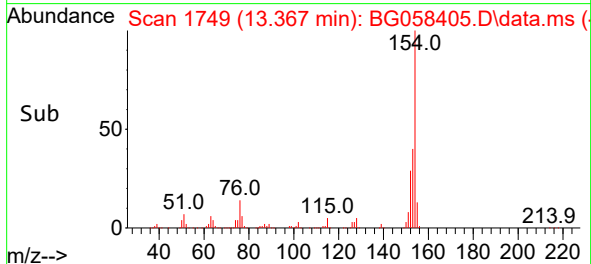
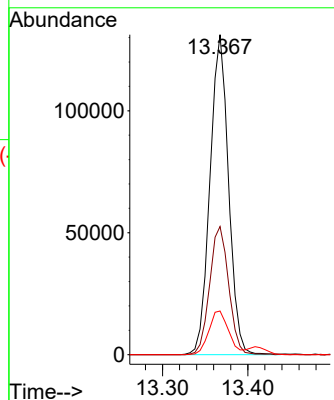
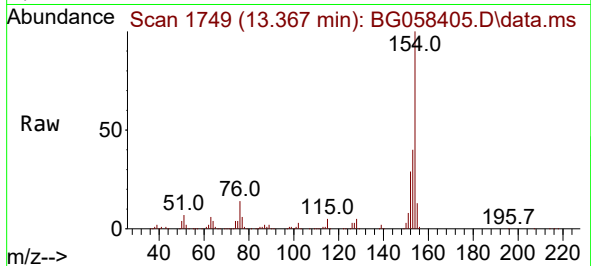




#43
1,1'-Biphenyl
Concen: 20.883 ng/ul
RT: 13.367 min Scan# 1749
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

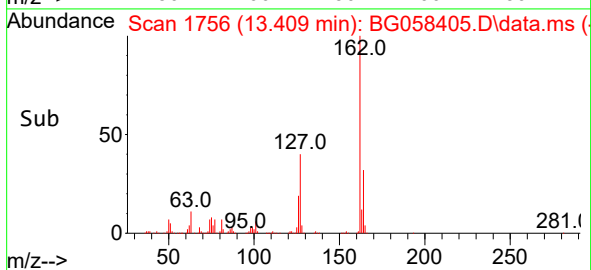
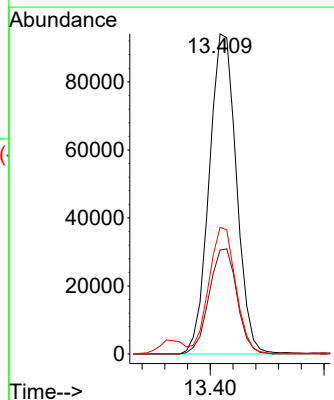
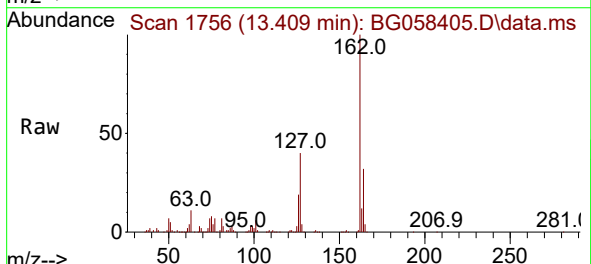
Instrument :
BNA_M
ClientSampleId :

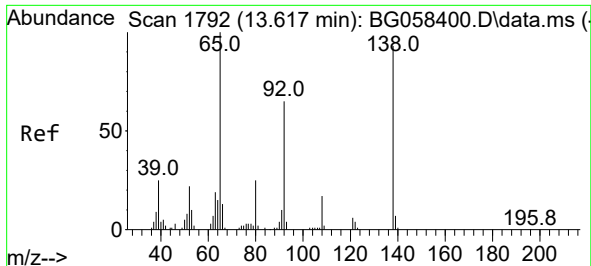
Tgt Ion:154 Resp: 198787
Ion Ratio Lower Upper
154 100
153 40.0 31.8 47.6
76 13.6 11.7 17.5



#44
2-Chloronaphthalene
Concen: 20.692 ng/ul
RT: 13.409 min Scan# 1756
Delta R.T. -0.007 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

Tgt Ion:162 Resp: 156607
Ion Ratio Lower Upper
162 100
164 32.4 26.2 39.2
127 39.6 29.8 44.6

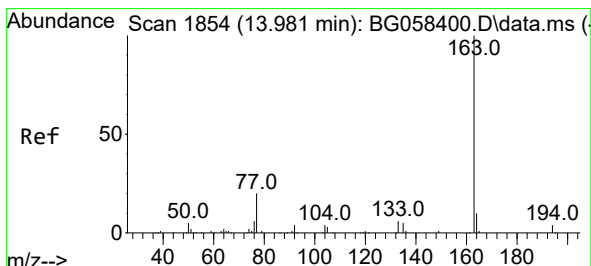
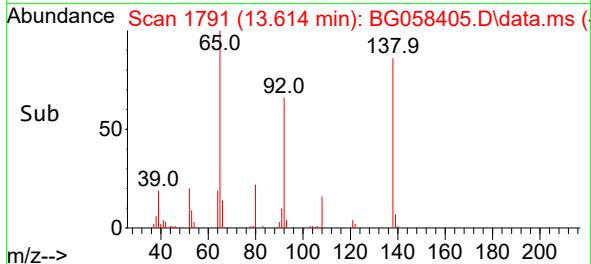
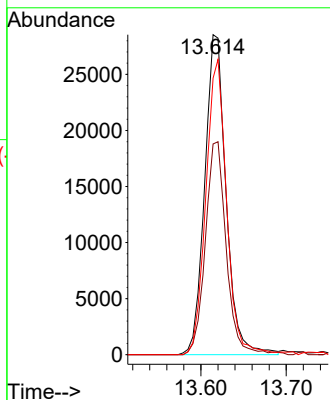
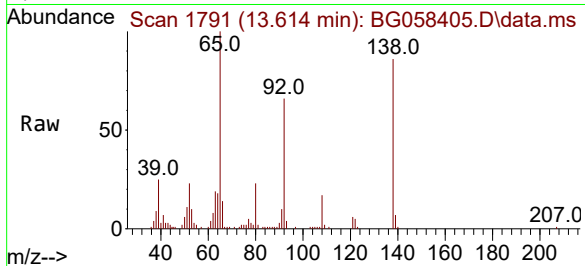




#45
2-Nitroaniline
Concen: 18.900 ng/ul
RT: 13.614 min Scan# 1791
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

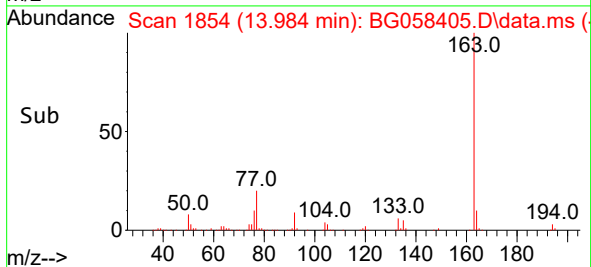
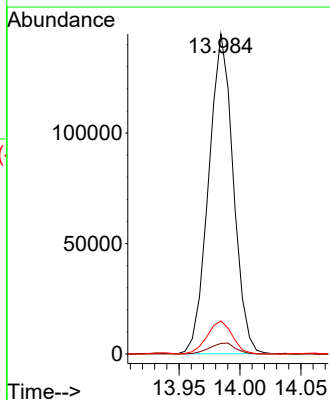
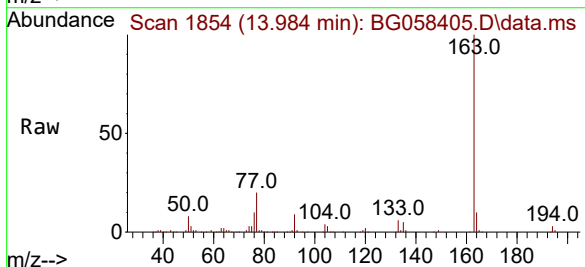
Instrument :
BNA_M
ClientSampleId :

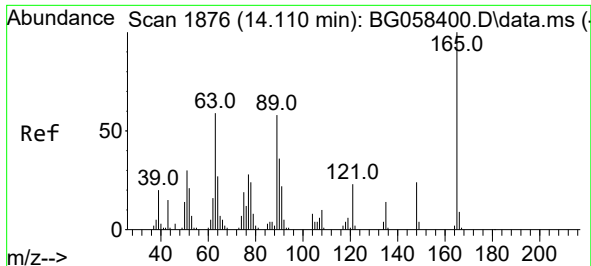
Tgt Ion: 65 Resp: 49686
Ion Ratio Lower Upper
65 100
92 65.8 51.4 77.2
138 86.4 71.6 107.4



#47
Dimethylphthalate
Concen: 18.647 ng/ul
RT: 13.984 min Scan# 1854
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

Tgt Ion:163 Resp: 203324
Ion Ratio Lower Upper
163 100
194 3.3 2.6 3.8
164 10.3 8.2 12.2

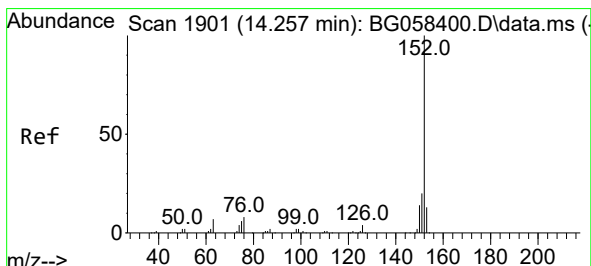
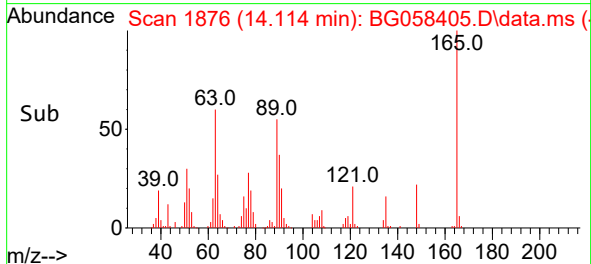
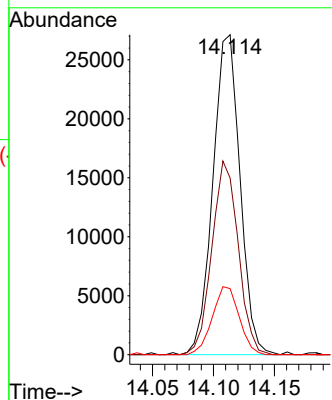
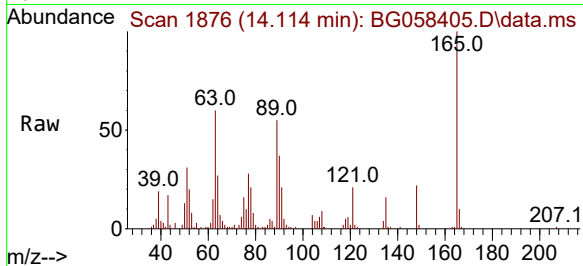




#48
2,6-Dinitrotoluene
Concen: 19.930 ng/ul
RT: 14.114 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

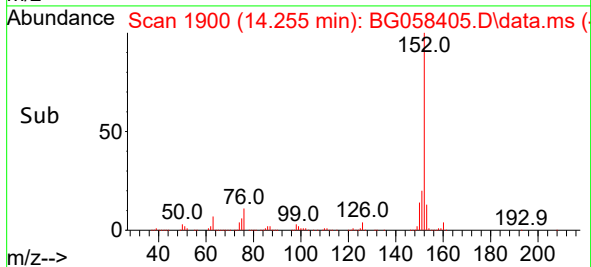
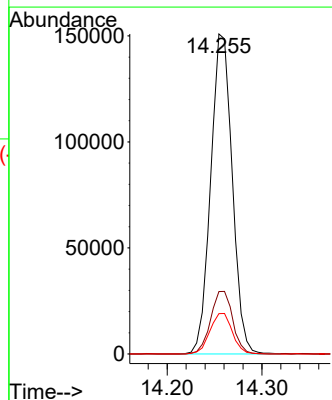
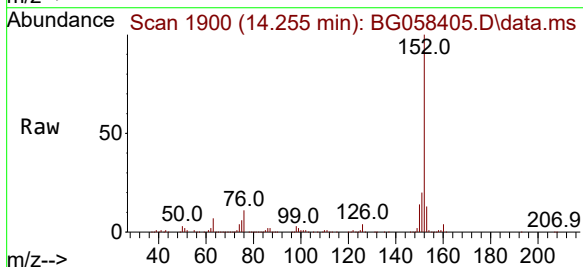
Instrument :
BNA_M
ClientSampleId :

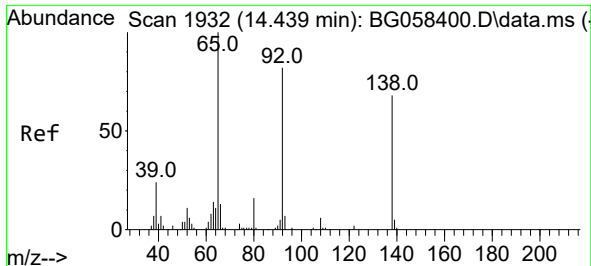
Tgt Ion	Ratio	Lower	Upper
165	100		
89	55.2	48.9	73.3
121	20.7	16.2	24.4



#50
Acenaphthylene
Concen: 19.413 ng/ul
RT: 14.255 min Scan# 1900
Delta R.T. -0.007 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.4	24.6
153	12.6	10.6	16.0

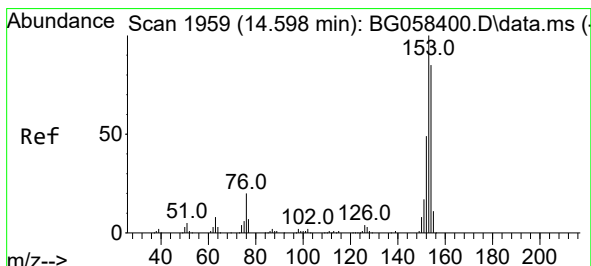
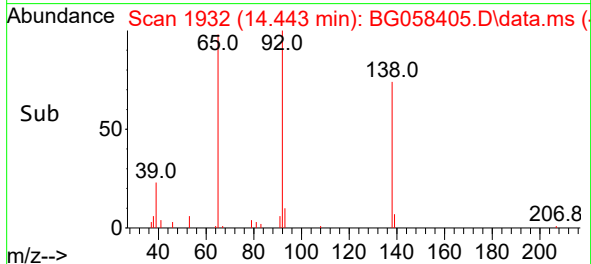
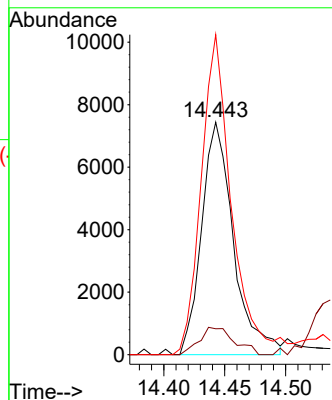
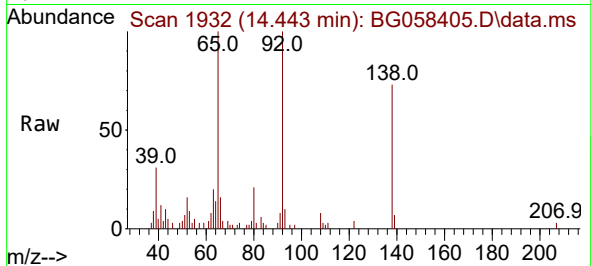




#51
3-Nitroaniline
Concen: 7.697 ng/ul
RT: 14.443 min Scan# 1932
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

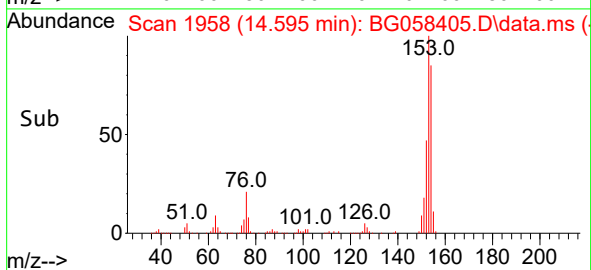
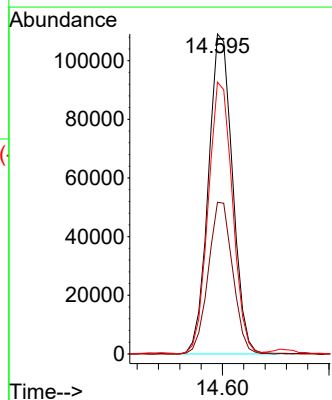
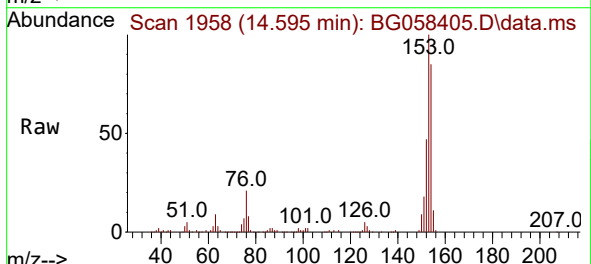
Instrument :
BNA_M
ClientSampleId :

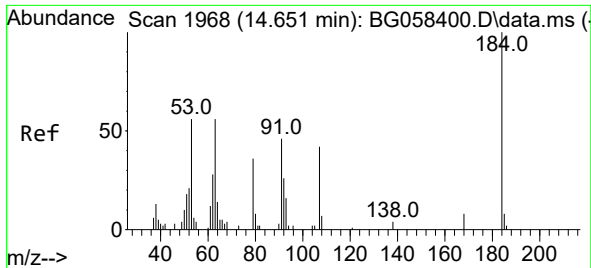
Tgt Ion:138 Resp: 13515
Ion Ratio Lower Upper
138 100
108 11.2 8.6 13.0
92 137.6 108.4 162.6



#52
Acenaphthene
Concen: 20.146 ng/ul
RT: 14.595 min Scan# 1958
Delta R.T. -0.007 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

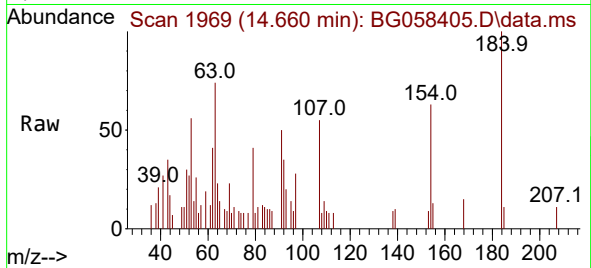
Tgt Ion:153 Resp: 171756
Ion Ratio Lower Upper
153 100
152 47.4 39.1 58.7
154 85.0 68.7 103.1



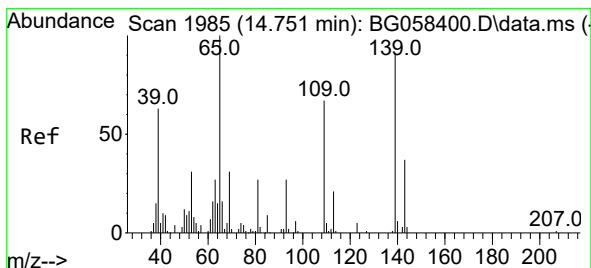
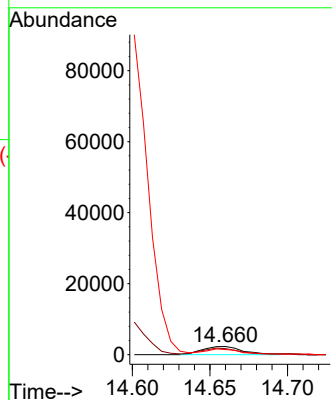
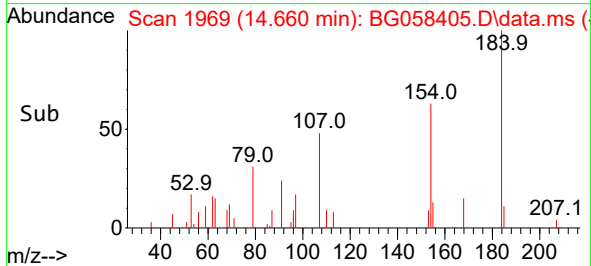


#53
2,4-Dinitrophenol
Concen: 3.747 ng/ul
RT: 14.660 min Scan# 1969
Delta R.T. 0.010 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

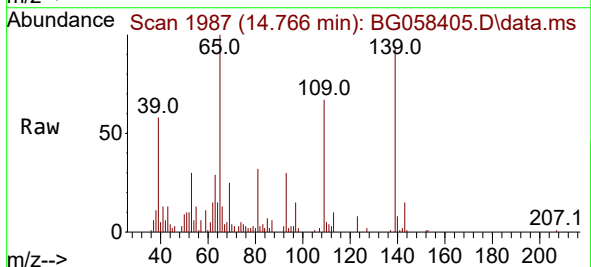
Instrument :
BNA_M
ClientSampleId :



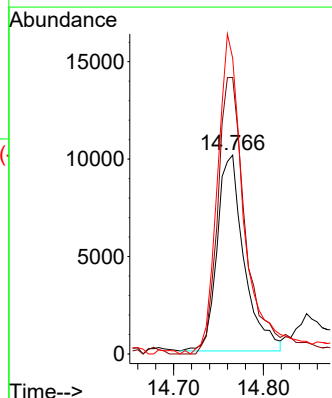
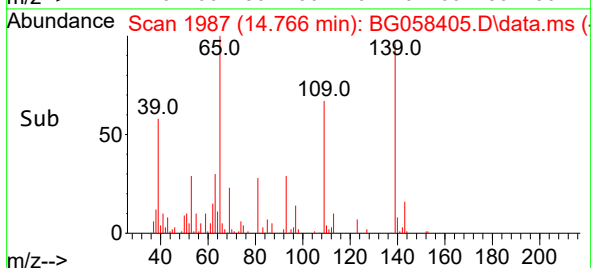
Tgt Ion:184 Resp: 4202
Ion Ratio Lower Upper
184 100
63 74.4 52.9 79.3
154 63.0 47.8 71.8

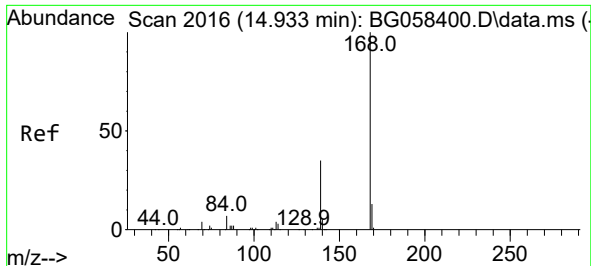


#55
4-Nitrophenol
Concen: 16.614 ng/ul
RT: 14.766 min Scan# 1987
Delta R.T. 0.010 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28



Tgt Ion:109 Resp: 20977
Ion Ratio Lower Upper
109 100
139 139.0 100.3 150.5
65 148.7 120.6 180.8

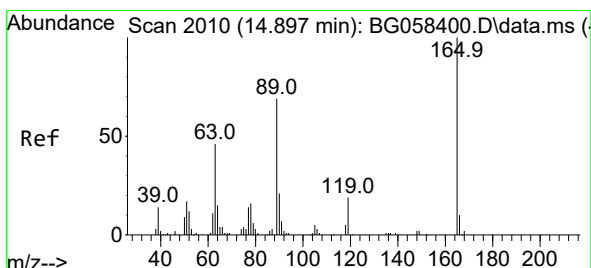
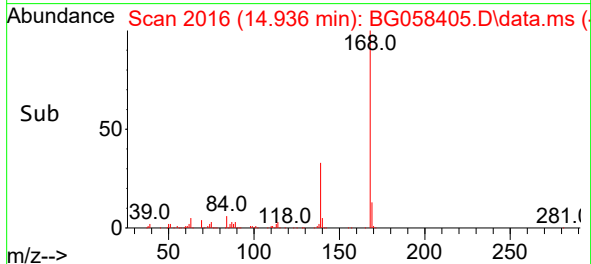
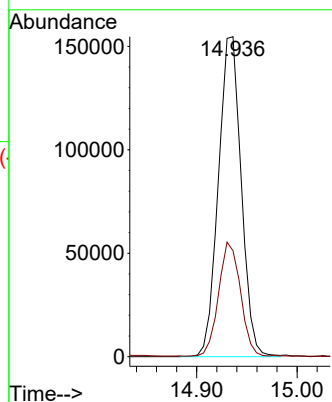
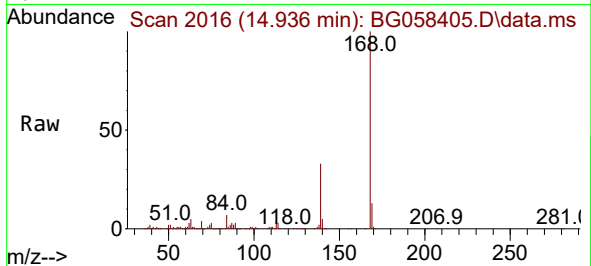




#56
Dibenzofuran
Concen: 20.141 ng/ul
RT: 14.936 min Scan# 2016
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

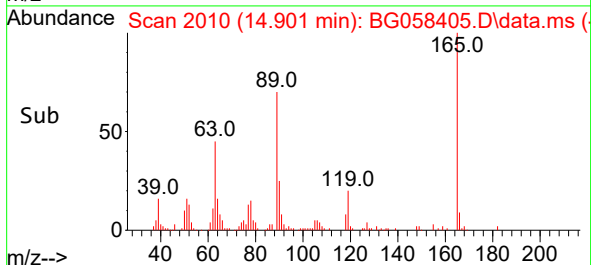
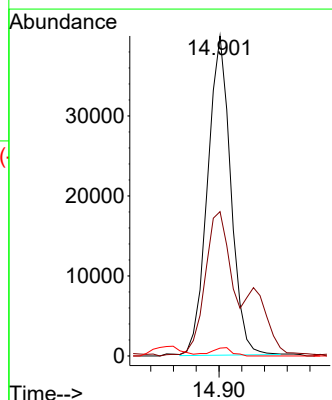
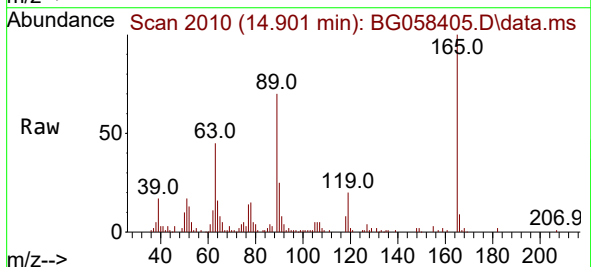
Instrument :
BNA_M
ClientSampleId :

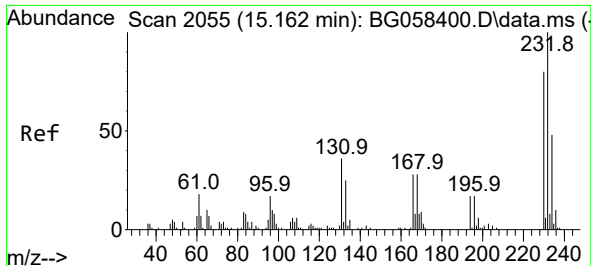
Tgt Ion:168 Resp: 244503
Ion Ratio Lower Upper
168 100
139 33.1 27.8 41.8



#57
2,4-Dinitrotoluene
Concen: 18.632 ng/ul
RT: 14.901 min Scan# 2010
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

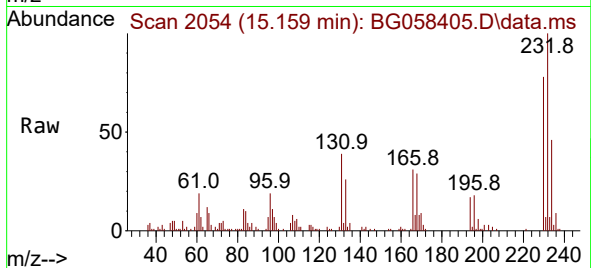
Tgt Ion:165 Resp: 56621
Ion Ratio Lower Upper
165 100
63 45.1 33.8 50.6
182 2.5 1.2 1.8#



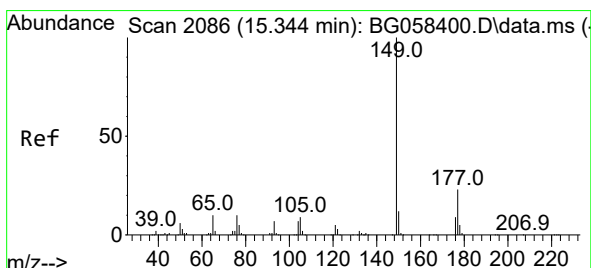
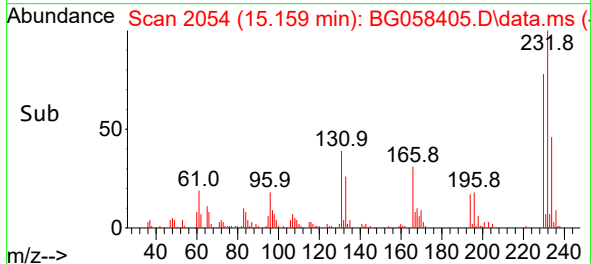
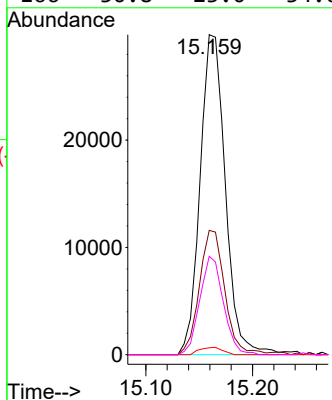


#58
2,3,4,6-Tetrachlorophenol
Concen: 18.065 ng/ul
RT: 15.159 min Scan# 2054
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

Instrument :
BNA_M
ClientSampleId :

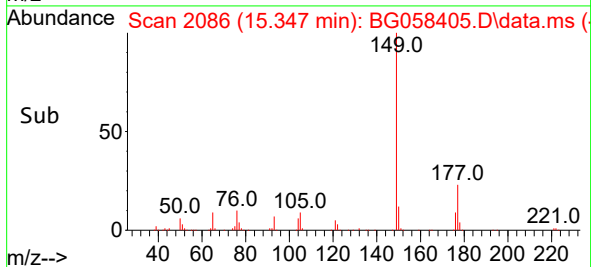
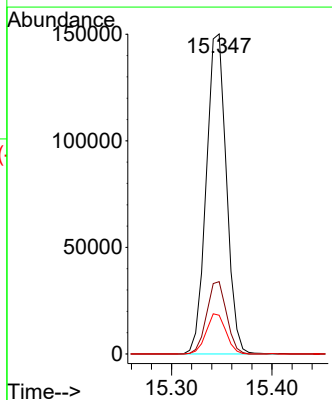
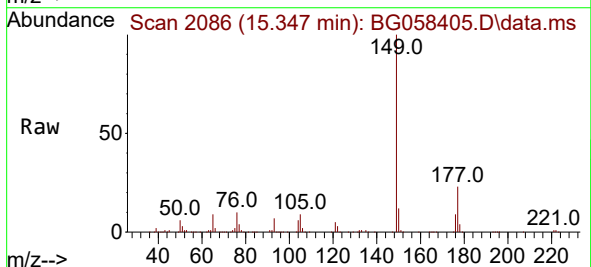


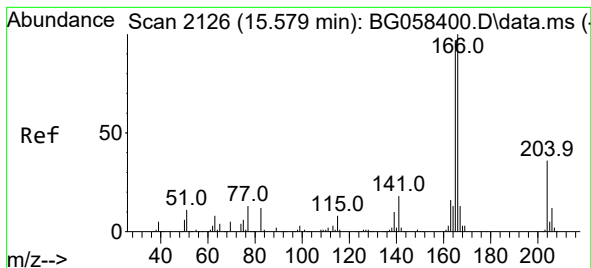
Tgt Ion:232 Resp: 49098
Ion Ratio Lower Upper
232 100
131 38.8 29.0 43.6
130 2.2 1.1 1.7#
166 30.8 23.0 34.6



#59
Diethylphthalate
Concen: 18.628 ng/ul
RT: 15.347 min Scan# 2086
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

Tgt Ion:149 Resp: 209251
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.1 10.0 15.0





#61

Fluorene

Concen: 19.947 ng/ul

RT: 15.582 min Scan# 2126

Delta R.T. -0.001 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

Instrument :

BNA_M

ClientSampleId :

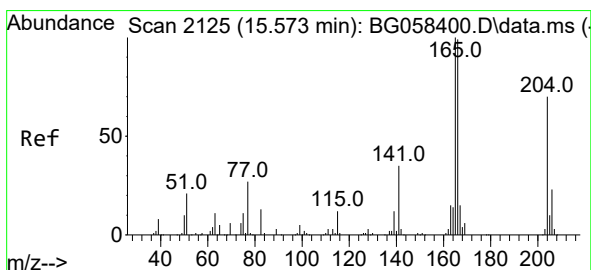
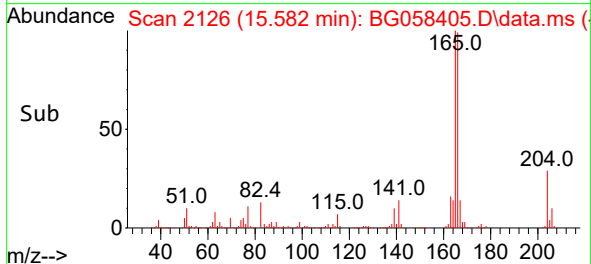
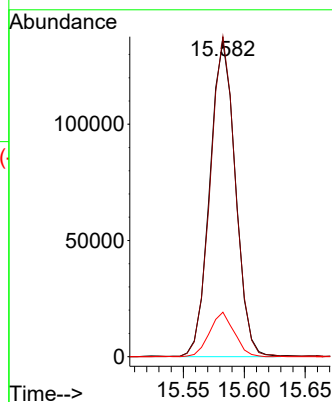
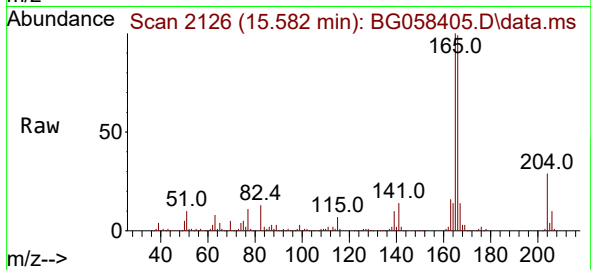
Tgt Ion:166 Resp: 198576

Ion Ratio Lower Upper

166 100

165 101.5 80.2 120.2

167 14.1 10.5 15.7



#62

4-Chlorophenyl-phenylether

Concen: 19.591 ng/ul

RT: 15.571 min Scan# 2124

Delta R.T. -0.001 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

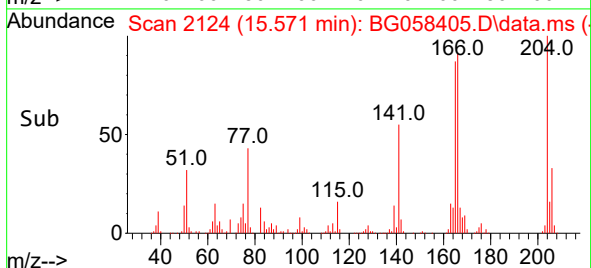
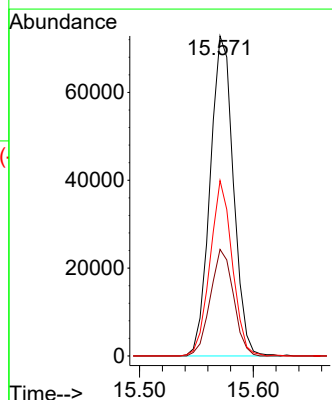
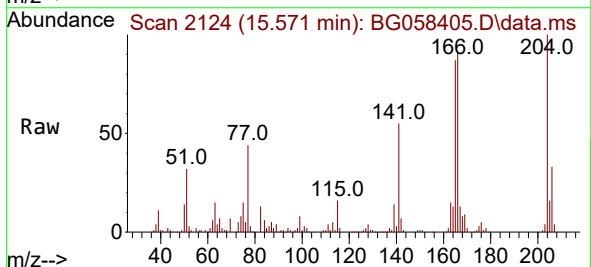
Tgt Ion:204 Resp: 103540

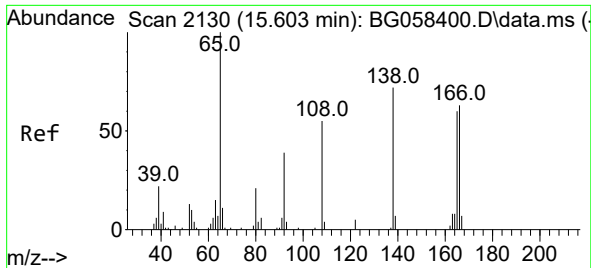
Ion Ratio Lower Upper

204 100

206 33.3 26.0 39.0

141 54.8 42.2 63.2

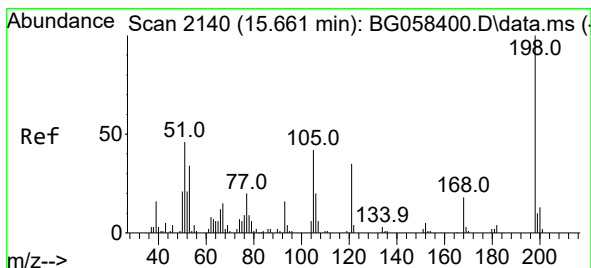
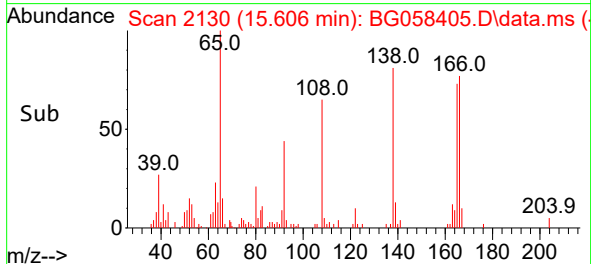
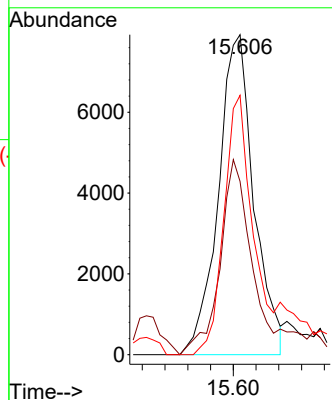
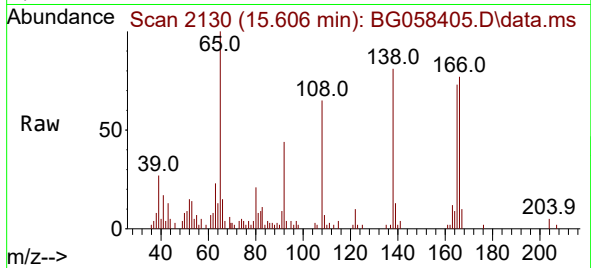




#63
4-Nitroaniline
Concen: 10.796 ng/ul
RT: 15.606 min Scan# 2130
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

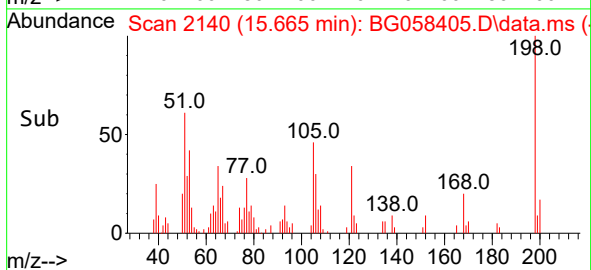
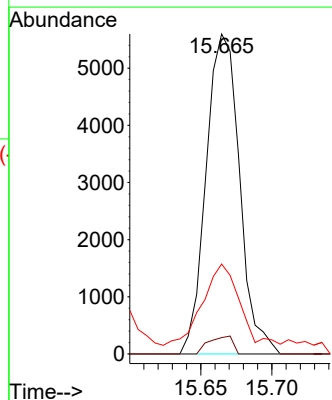
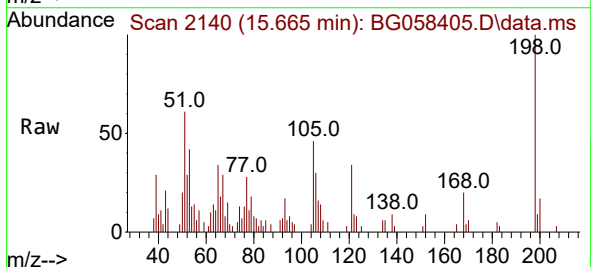
Instrument :
BNA_M
ClientSampleId :

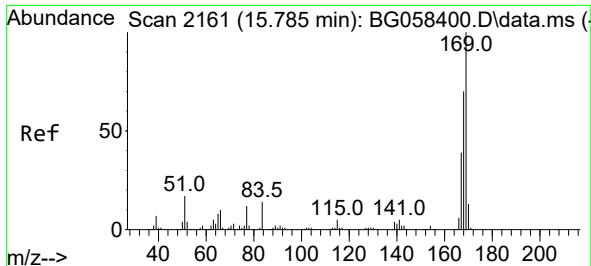
Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	45.0	67.4
108	81.1	60.8	91.2



#66
4,6-Dinitro-2-methylphenol
Concen: 5.909 ng/ul
RT: 15.665 min Scan# 2140
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

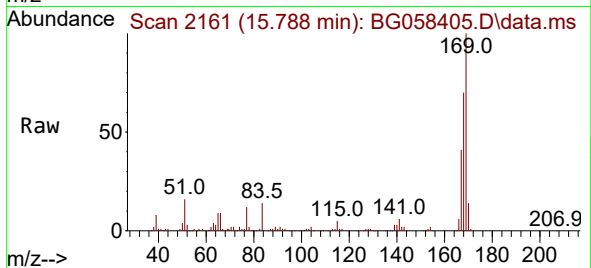
Tgt Ion	Ratio	Lower	Upper
198	100		
182	5.1	3.4	5.2
77	28.1	18.4	27.6



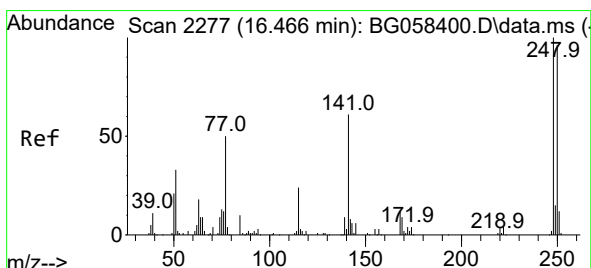
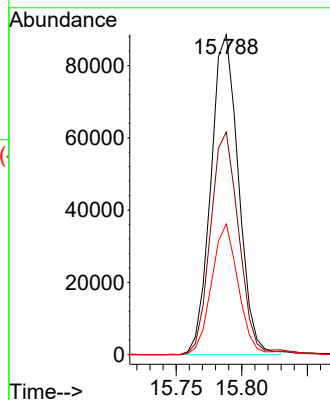
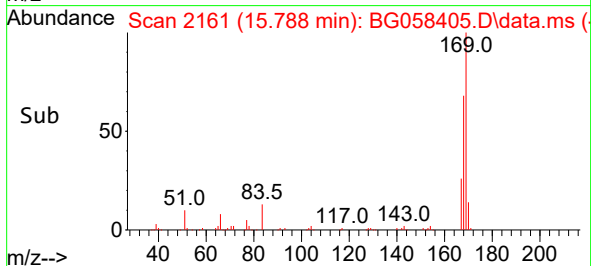


#67
N-Nitrosodiphenylamine
Concen: 17.661 ng/ul
RT: 15.788 min Scan# 2161
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

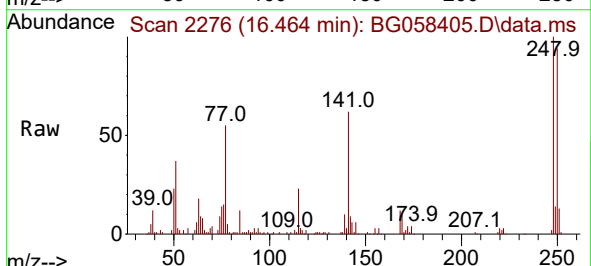
Instrument :
BNA_M
ClientSampleId :



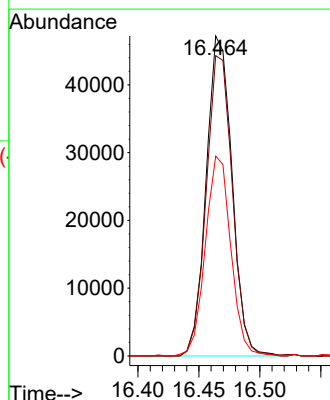
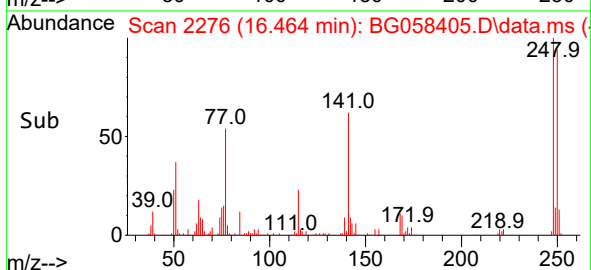
Tgt Ion:169 Resp: 129485
Ion Ratio Lower Upper
169 100
168 69.6 55.7 83.5
167 40.9 31.2 46.8

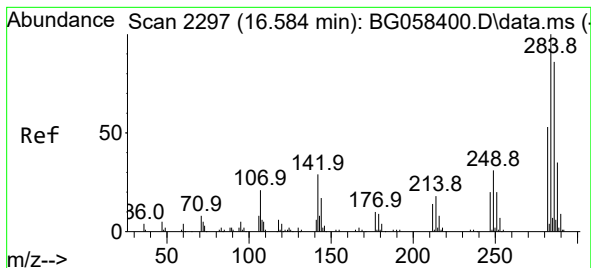


#68
4-Bromophenyl-phenylether
Concen: 22.192 ng/ul
RT: 16.464 min Scan# 2276
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28



Tgt Ion:248 Resp: 69523
Ion Ratio Lower Upper
248 100
250 93.8 73.8 110.6
141 62.5 48.2 72.2





#69

Hexachlorobenzene

Concen: 14.769 ng/ul

RT: 16.587 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

Instrument :

BNA_M

ClientSampleId :

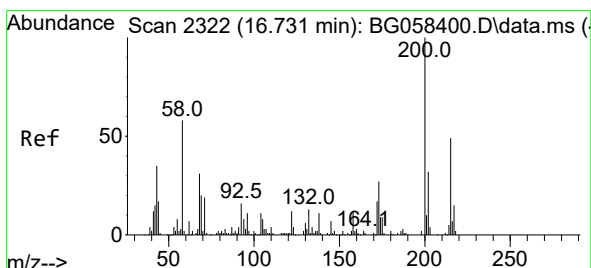
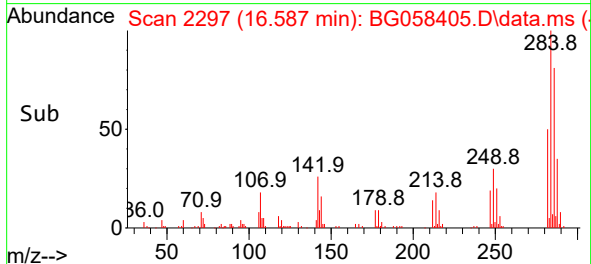
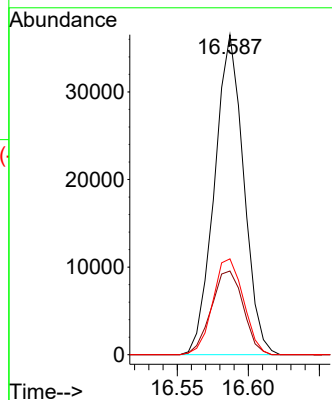
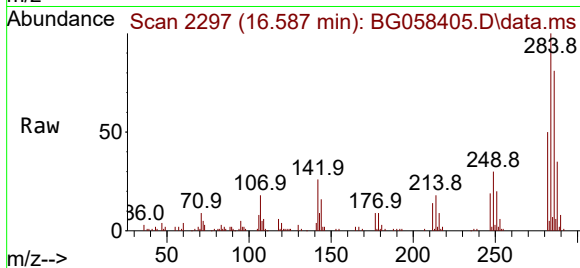
Tgt Ion:284 Resp: 52209

Ion Ratio Lower Upper

284 100

142 26.1 20.5 30.7

249 30.0 25.2 37.8



#70

Atrazine

Concen: 21.371 ng/ul

RT: 16.734 min Scan# 2322

Delta R.T. -0.001 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

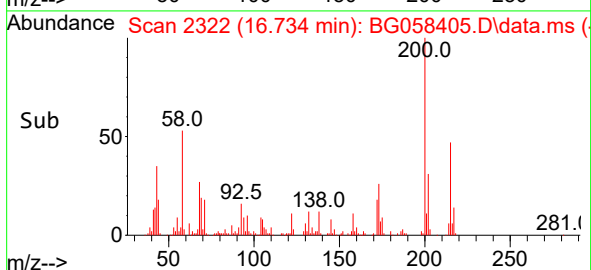
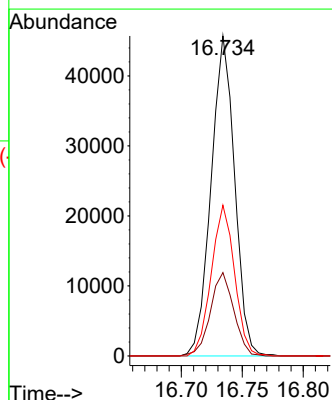
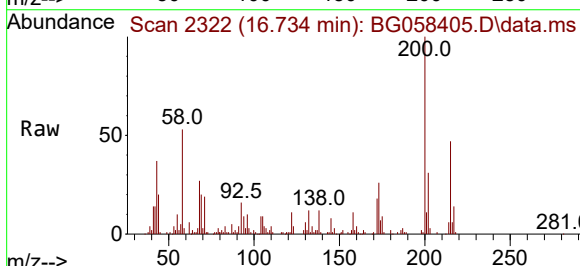
Tgt Ion:200 Resp: 61429

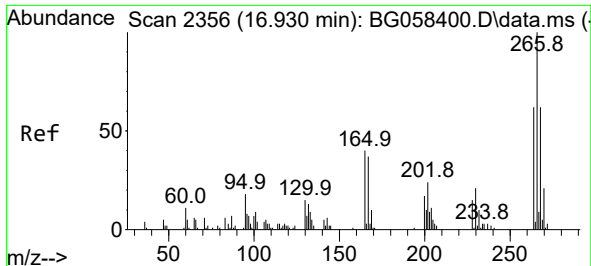
Ion Ratio Lower Upper

200 100

173 26.1 19.8 29.8

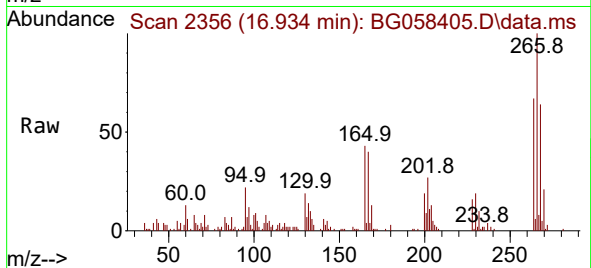
215 47.1 36.2 54.4



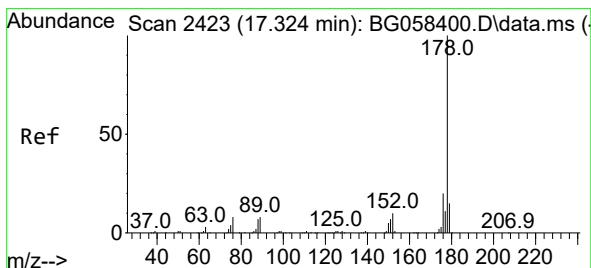
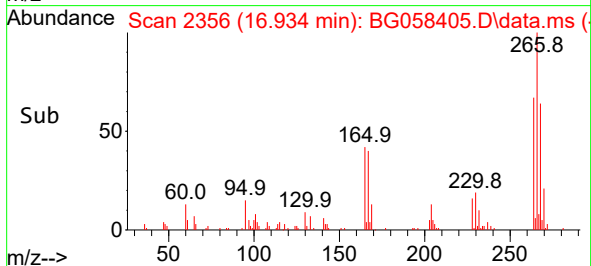
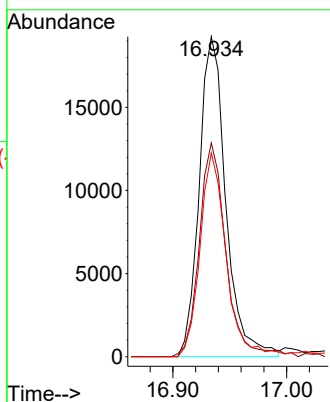


#71
 Pentachlorophenol
 Concen: 15.787 ng/ul
 RT: 16.934 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG058405.D
 Acq: 22 Jul 2023 17:28

Instrument :
 BNA_M
 ClientSampleId :

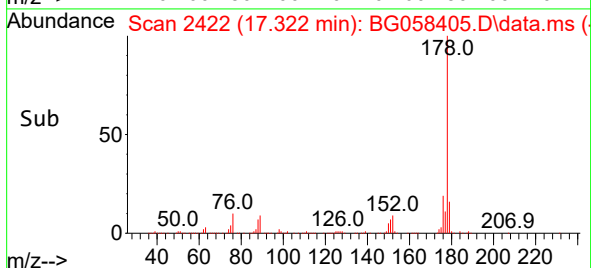
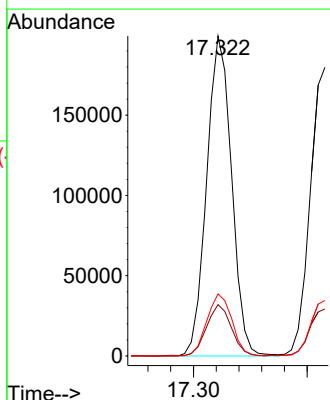
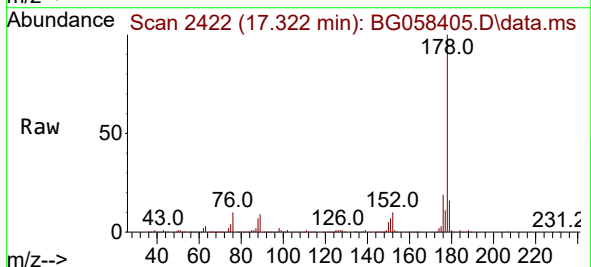


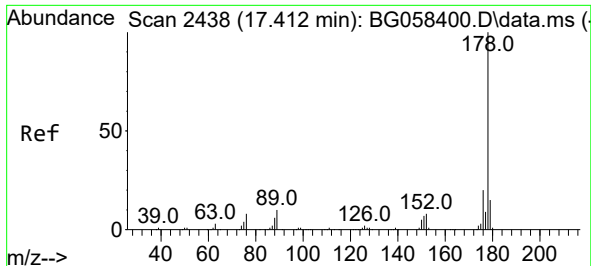
Tgt Ion:266 Resp: 31325
 Ion Ratio Lower Upper
 266 100
 264 66.8 46.6 70.0
 268 69.0 47.6 71.4



#72
 Phenanthrene
 Concen: 21.558 ng/ul
 RT: 17.322 min Scan# 2422
 Delta R.T. -0.001 min
 Lab File: BG058405.D
 Acq: 22 Jul 2023 17:28

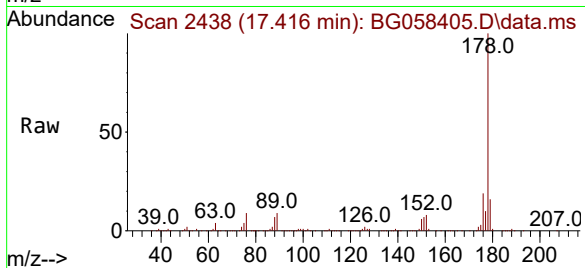
Tgt Ion:178 Resp: 303014
 Ion Ratio Lower Upper
 178 100
 179 16.1 11.9 17.9
 176 19.4 15.8 23.8



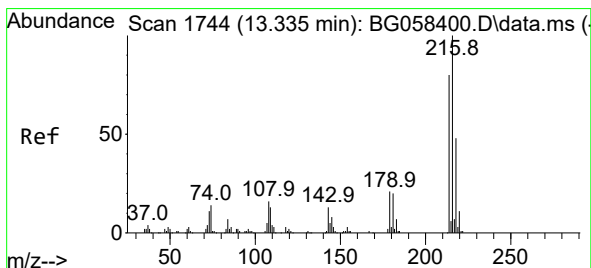
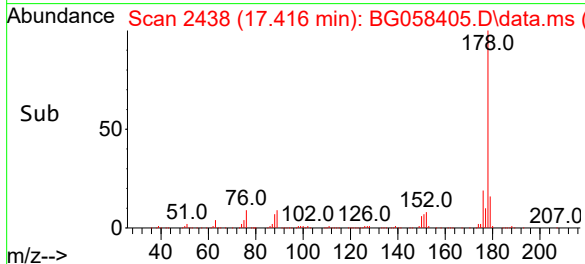
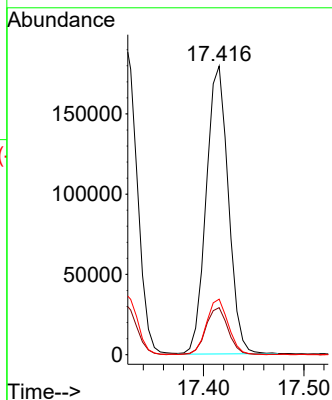


#74
 Anthracene
 Concen: 19.532 ng/uI
 RT: 17.416 min Scan# 2438
 Delta R.T. -0.001 min
 Lab File: BG058405.D
 Acq: 22 Jul 2023 17:28

Instrument :
 BNA_M
 ClientSampleId :

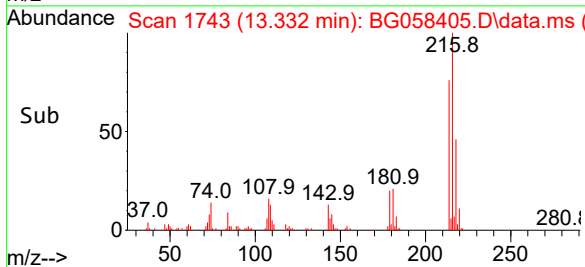
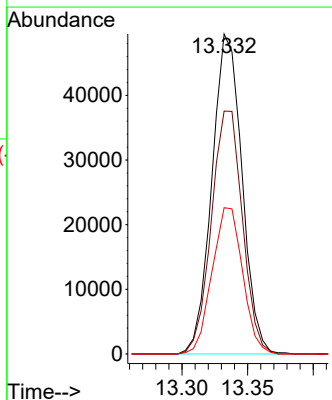
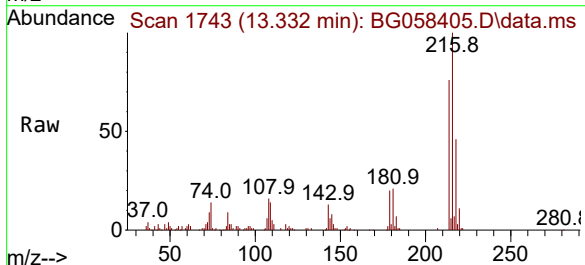


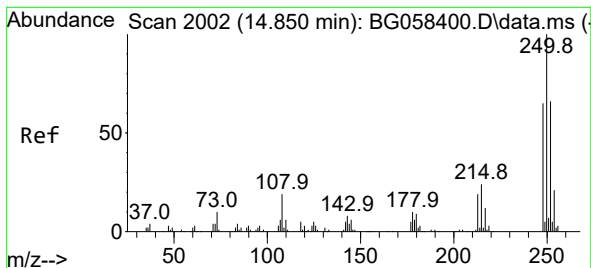
Tgt Ion:178 Resp: 275603
 Ion Ratio Lower Upper
 178 100
 179 16.3 13.4 20.2
 176 19.2 16.2 24.2



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 21.247 ng/uI
 RT: 13.332 min Scan# 1743
 Delta R.T. -0.001 min
 Lab File: BG058405.D
 Acq: 22 Jul 2023 17:28

Tgt Ion:216 Resp: 78824
 Ion Ratio Lower Upper
 216 100
 214 75.9 62.2 93.4
 218 45.7 40.9 61.3





#76

Pentachlorobenzene

Concen: 18.655 ng/uL

RT: 14.854 min Scan# 2002

Delta R.T. -0.001 min

Lab File: BG058405.D

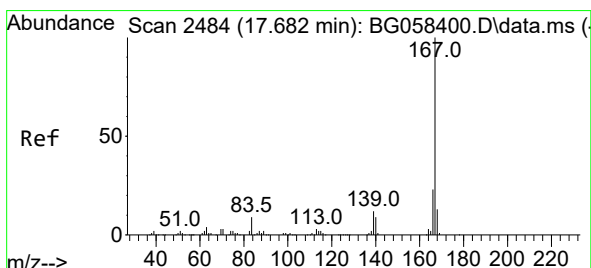
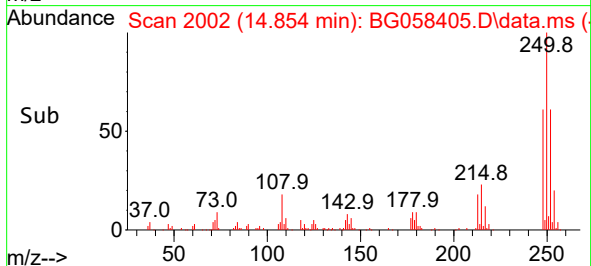
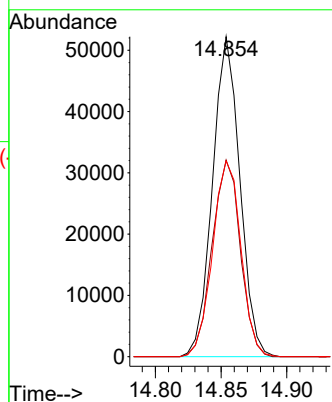
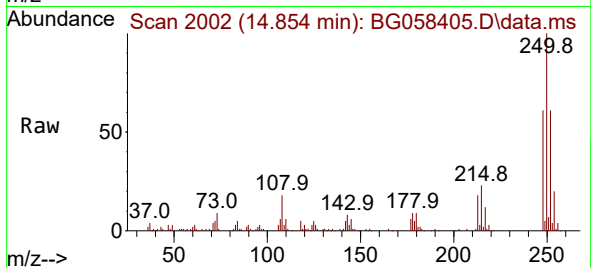
Acq: 22 Jul 2023 17:28

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:250	Resp:	75682
Ion Ratio	Lower	Upper
250	100	
248	61.5	51.6 77.4
252	61.2	54.4 81.6



#77

Carbazole

Concen: 16.457 ng/uL

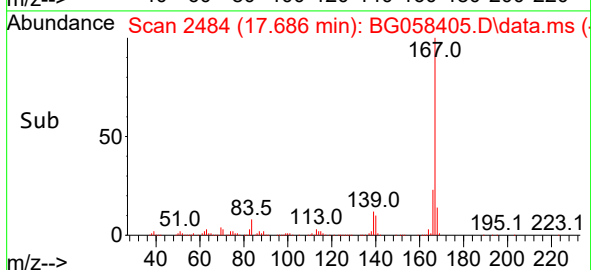
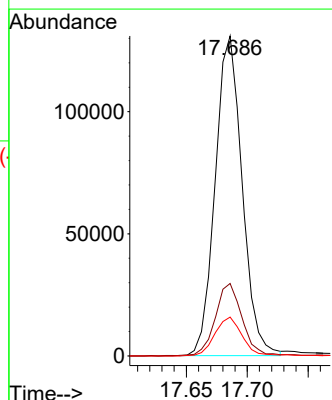
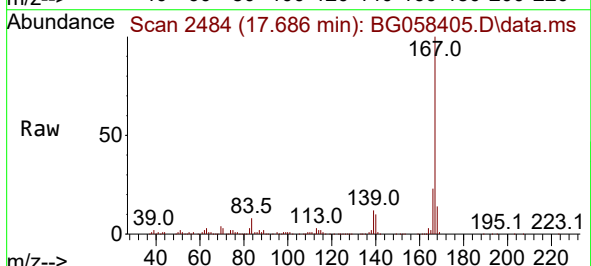
RT: 17.686 min Scan# 2484

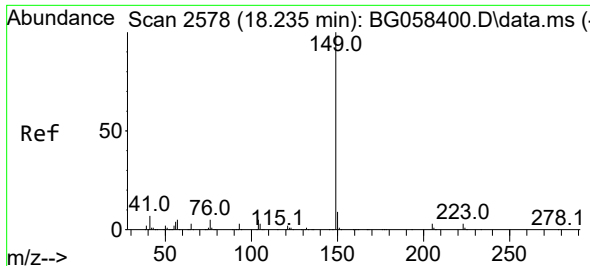
Delta R.T. 0.004 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

Tgt Ion:167	Resp:	201291
Ion Ratio	Lower	Upper
167	100	
166	22.6	17.8 26.8
139	12.1	9.4 14.0

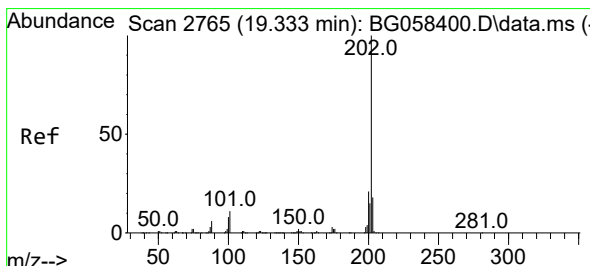
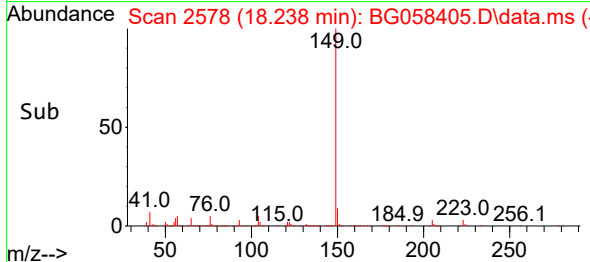
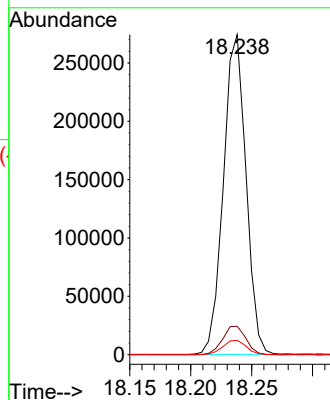
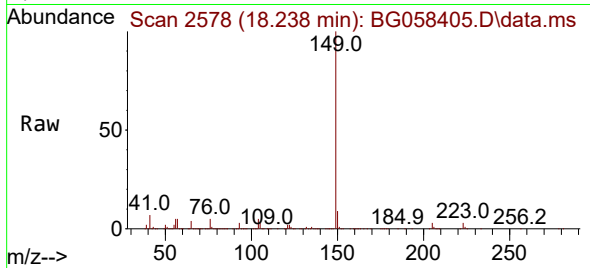




#78
Di-n-butylphthalate
Concen: 22.756 ng/ul
RT: 18.238 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

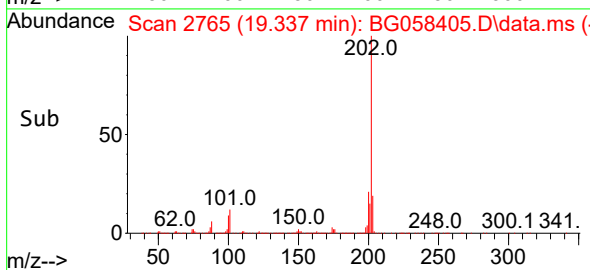
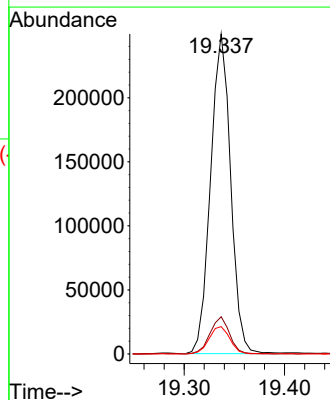
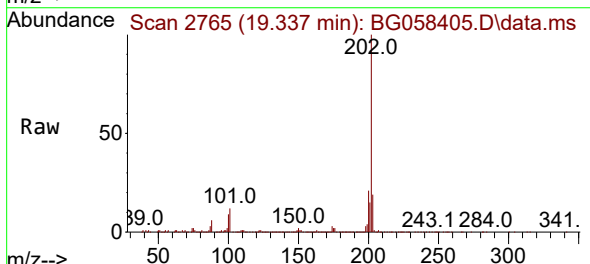
Instrument :
BNA_M
ClientSampleId :

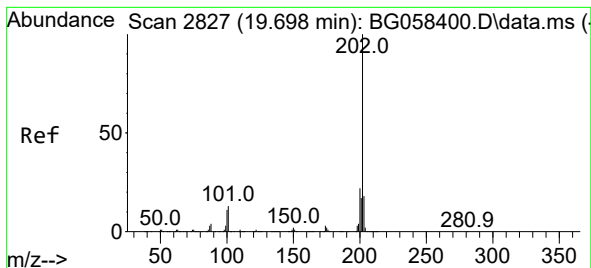
Tgt Ion:149 Resp: 353694
Ion Ratio Lower Upper
149 100
150 8.9 7.2 10.8
104 4.5 3.9 5.9



#80
Fluoranthene
Concen: 21.419 ng/ul
RT: 19.337 min Scan# 2765
Delta R.T. 0.004 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

Tgt Ion:202 Resp: 345869
Ion Ratio Lower Upper
202 100
101 11.6 8.6 12.8
100 8.5 7.2 10.8





#82

Pyrene

Concen: 15.996 ng/ul

RT: 19.695 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

Instrument :

BNA_M

ClientSampleId :

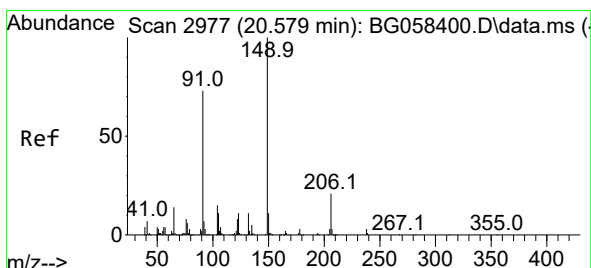
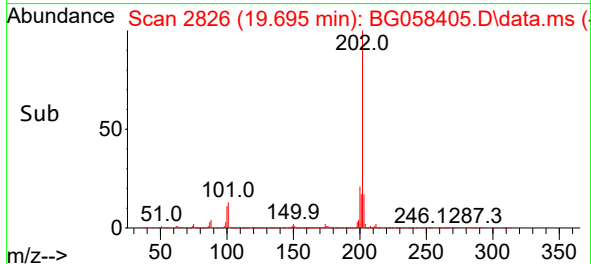
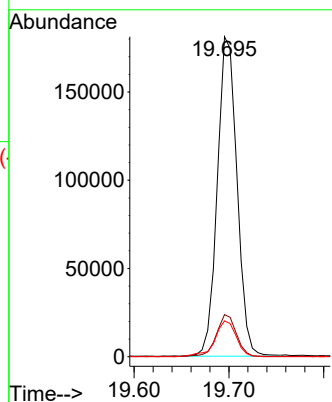
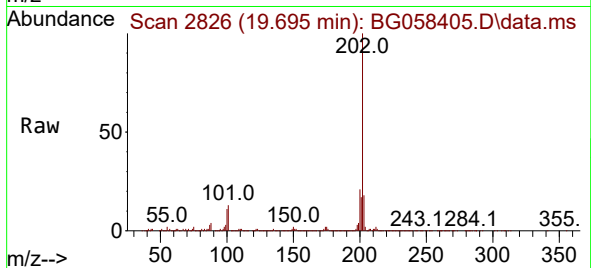
Tgt Ion:202 Resp: 261725

Ion Ratio Lower Upper

202 100

101 13.2 10.2 15.2

100 11.2 8.9 13.3



#83

Butylbenzylphthalate

Concen: 24.194 ng/ul

RT: 20.582 min Scan# 2977

Delta R.T. 0.004 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

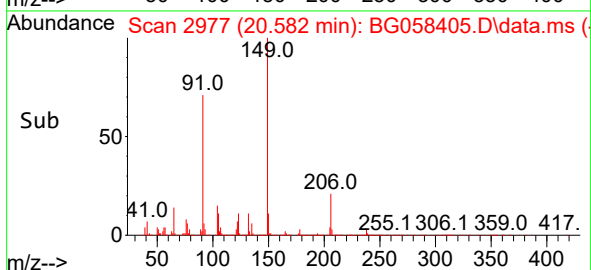
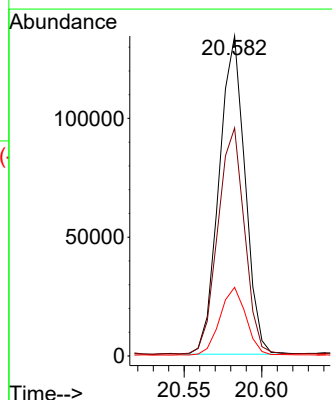
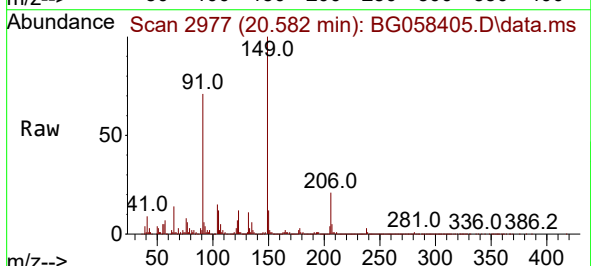
Tgt Ion:149 Resp: 155874

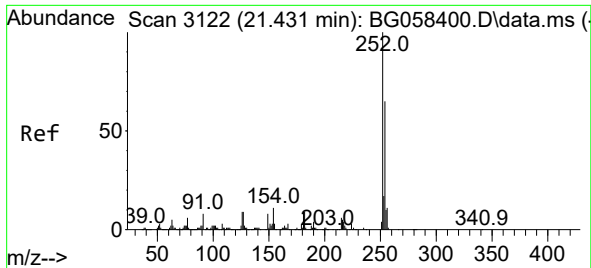
Ion Ratio Lower Upper

149 100

91 71.3 59.9 89.9

206 21.5 16.9 25.3

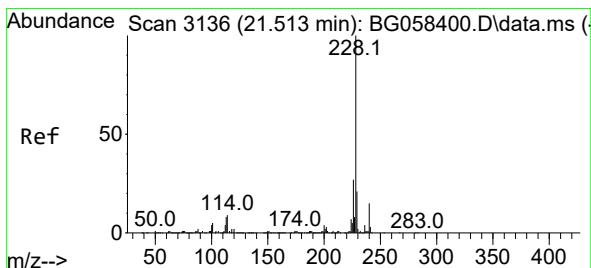
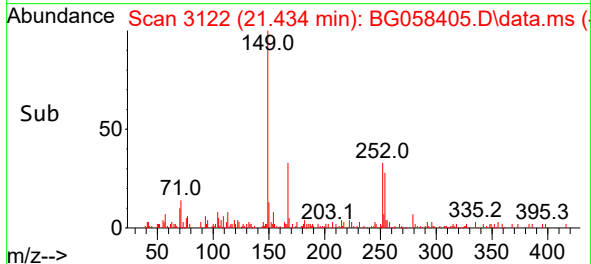
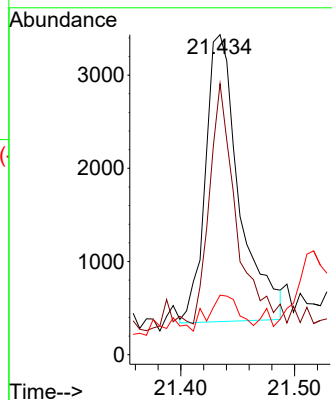
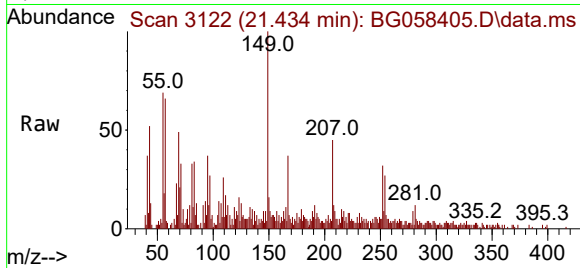




#84
 3,3'-Dichlorobenzidine
 Concen: 1.194 ng/ul
 RT: 21.434 min Scan# 3122
 Delta R.T. 0.004 min
 Lab File: BG058405.D
 Acq: 22 Jul 2023 17:28

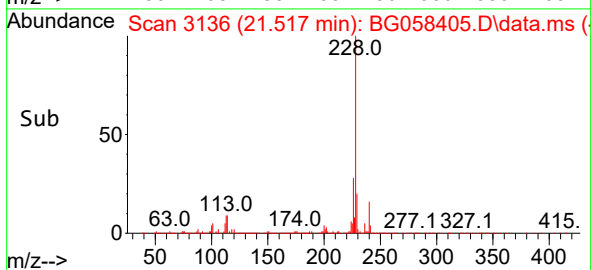
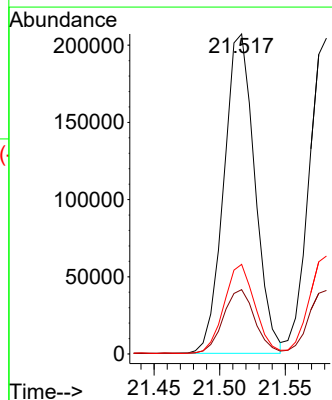
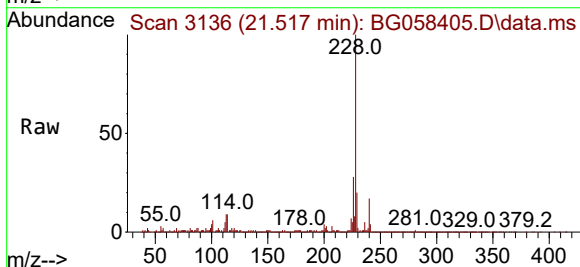
Instrument :
 BNA_M
 ClientSampleId :

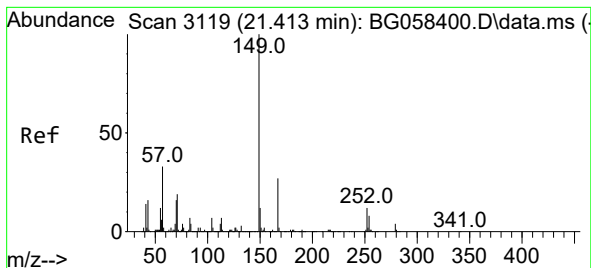
Tgt Ion:252 Resp: 6359
 Ion Ratio Lower Upper
 252 100
 254 84.7 50.5 75.7#
 126 18.6 6.5 9.7#



#85
 Benzo(a)anthracene
 Concen: 21.176 ng/ul
 RT: 21.517 min Scan# 3136
 Delta R.T. 0.004 min
 Lab File: BG058405.D
 Acq: 22 Jul 2023 17:28

Tgt Ion:228 Resp: 339682
 Ion Ratio Lower Upper
 228 100
 229 20.1 15.7 23.5
 226 28.0 21.8 32.8

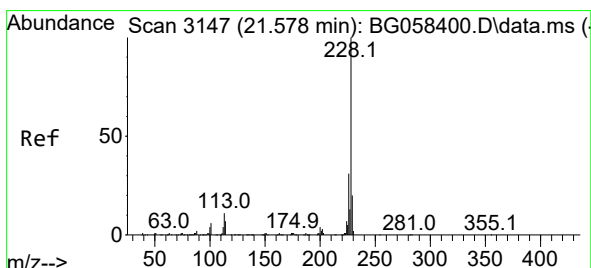
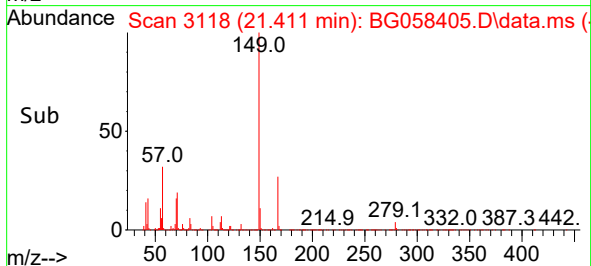
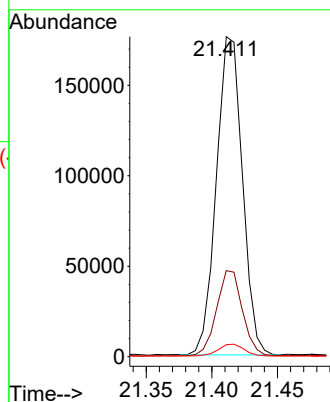
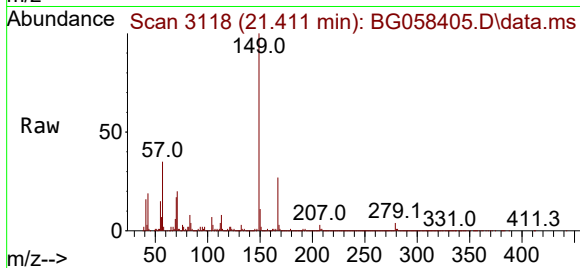




#86
Bis(2-ethylhexyl)phthalate
Concen: 26.504 ng/ul
RT: 21.411 min Scan# 3119
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

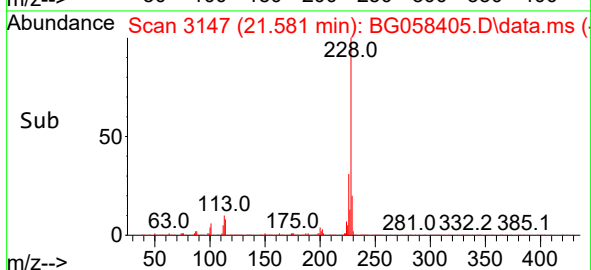
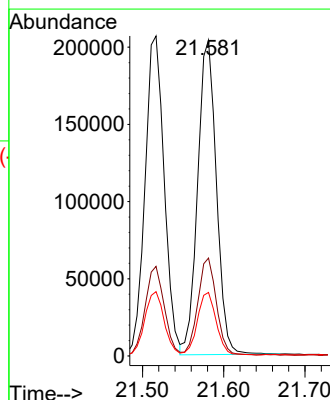
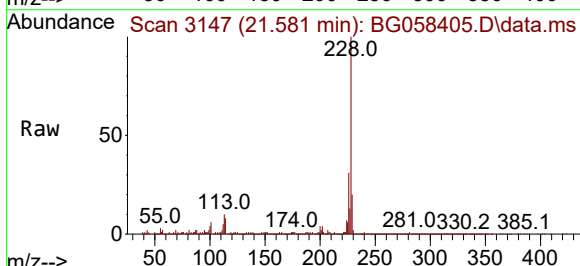
Instrument :
BNA_M
ClientSampleId :

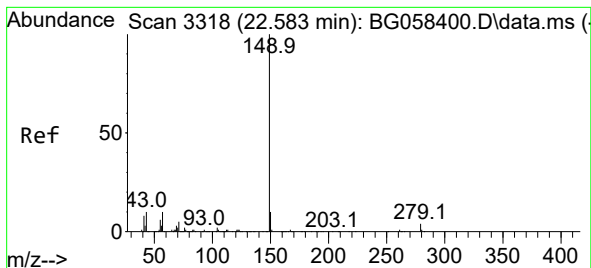
Tgt Ion:149 Resp: 242881
Ion Ratio Lower Upper
149 100
167 26.9 21.6 32.4
279 3.8 3.0 4.4



#87
Chrysene
Concen: 21.483 ng/ul
RT: 21.581 min Scan# 3147
Delta R.T. 0.004 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

Tgt Ion:228 Resp: 326861
Ion Ratio Lower Upper
228 100
226 31.0 24.0 36.0
229 20.1 15.8 23.8





#89

Di-n-octyl phthalate

Concen: 24.794 ng/ul

RT: 22.586 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG058405.D

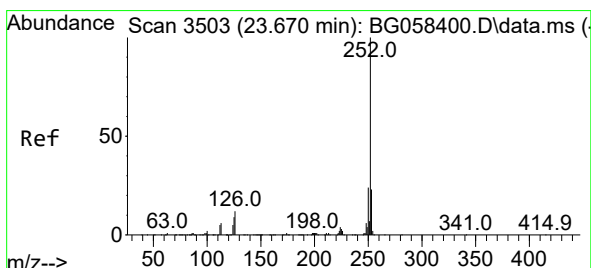
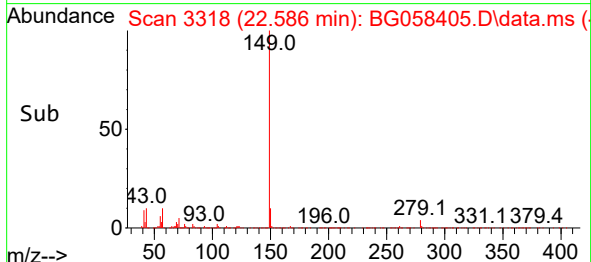
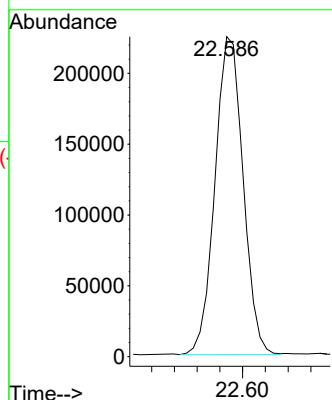
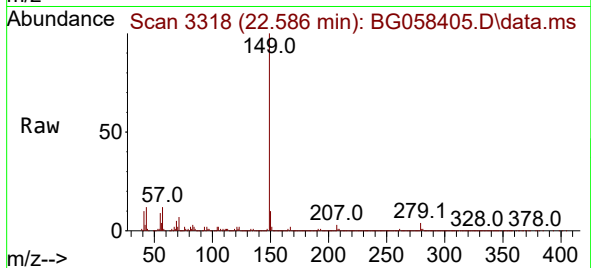
Acq: 22 Jul 2023 17:28

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 385579



#90

Benzo(b)fluoranthene

Concen: 20.504 ng/ul

RT: 23.743 min Scan# 3515

Delta R.T. 0.075 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

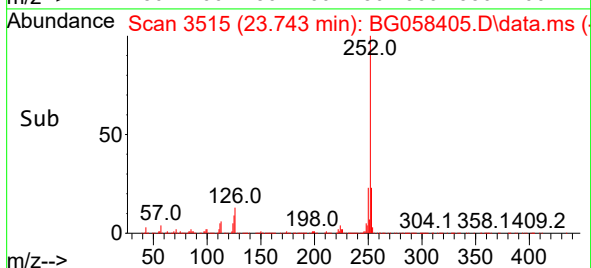
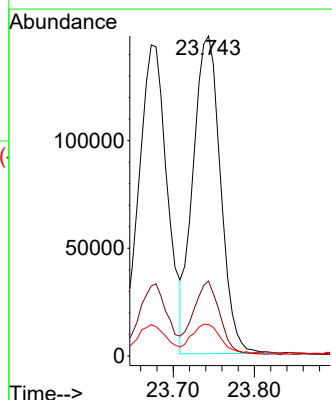
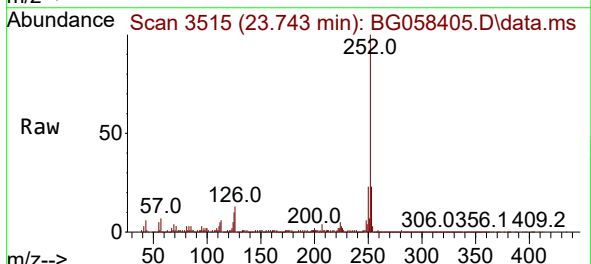
Tgt Ion:252 Resp: 346733

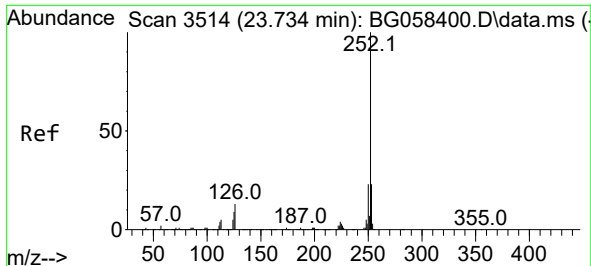
Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

125 9.9 6.7 10.1

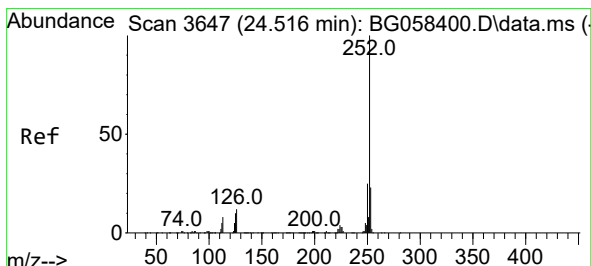
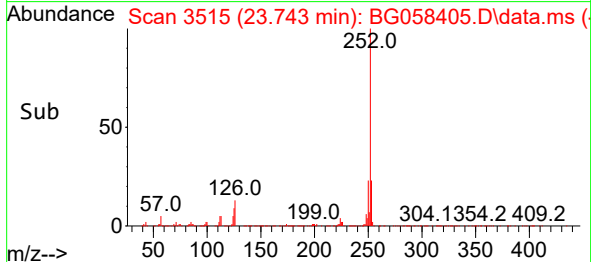
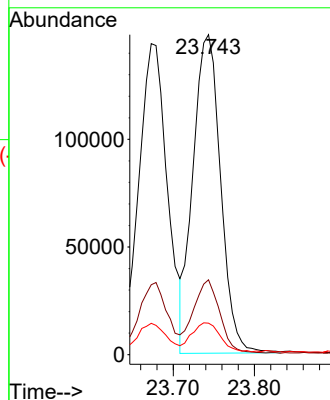
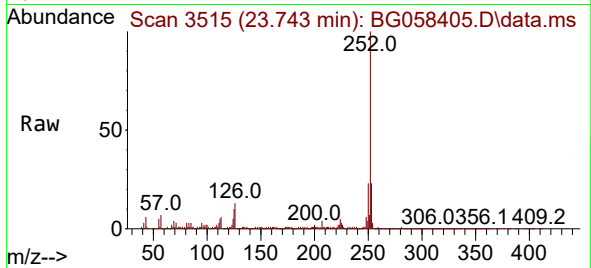




#91
Benzo(k)fluoranthene
Concen: 20.737 ng/ul
RT: 23.743 min Scan# 3514
Delta R.T. 0.010 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

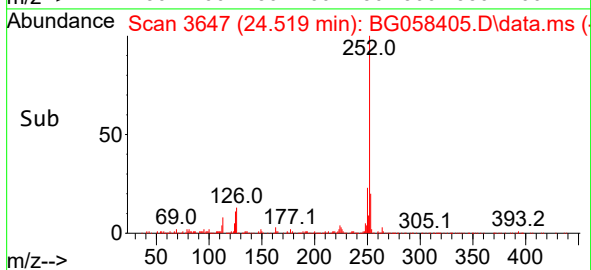
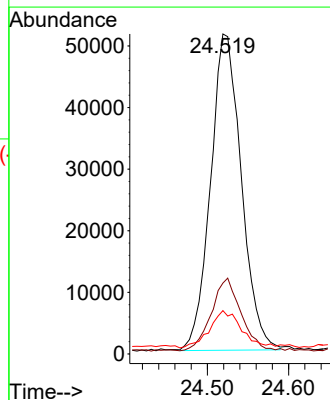
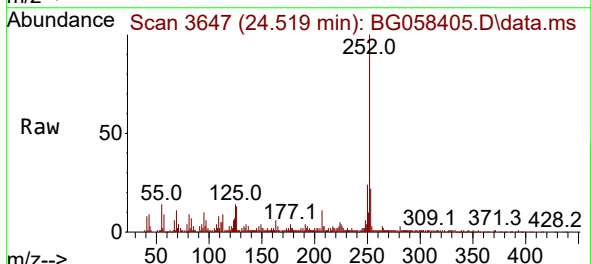
Instrument :
BNA_M
ClientSampleId :

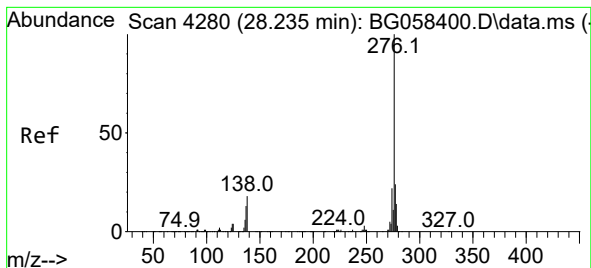
Tgt Ion:252 Resp: 349739
Ion Ratio Lower Upper
252 100
253 23.4 18.3 27.5
125 9.9 7.4 11.0



#93
Benzo(a)pyrene
Concen: 8.998 ng/ul
RT: 24.519 min Scan# 3647
Delta R.T. -0.001 min
Lab File: BG058405.D
Acq: 22 Jul 2023 17:28

Tgt Ion:252 Resp: 135339
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 13.6 7.7 11.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 14.438 ng/ul

RT: 28.250 min Scan# 4282

Delta R.T. 0.022 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

Instrument :

BNA_M

ClientSampleId :

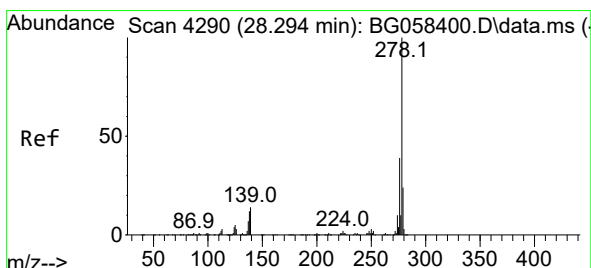
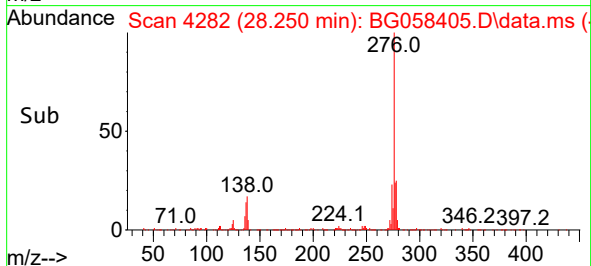
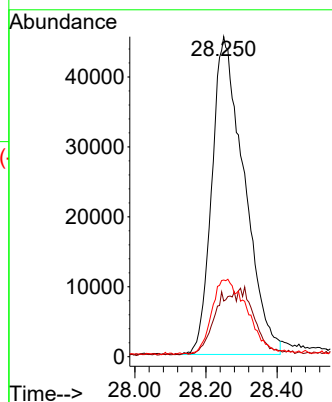
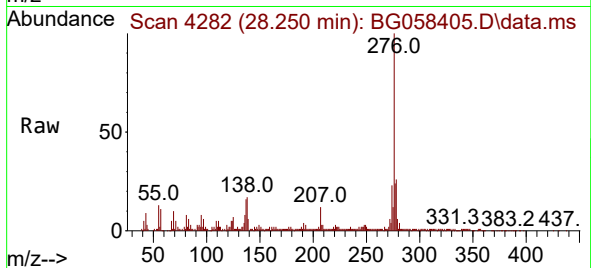
Tgt Ion:276 Resp: 286118

Ion Ratio Lower Upper

276 100

138 17.4 13.8 20.6

277 24.0 19.2 28.8



#95

Dibenzo(a,h)anthracene

Concen: 21.211 ng/ul

RT: 28.309 min Scan# 4292

Delta R.T. 0.016 min

Lab File: BG058405.D

Acq: 22 Jul 2023 17:28

Tgt Ion:278 Resp: 344692

Ion Ratio Lower Upper

278 100

139 14.0 10.4 15.6

279 23.3 18.4 27.6

