

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062857.D
 Acq On : 15 Sep 2024 22:08
 Operator : JU/RC
 Sample : PB163398BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS398

Quant Time: Sep 15 23:05:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	37816	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	159749	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.527	164	138413	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.377	188	616754	20.000	ng/u1	0.10
79) Chrysene-d12	21.525	240	398528	20.000	ng/u1	# 0.00
88) Perylene-d12	24.586	264	440246	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	5682	6.792	ng/uL	0.00
4) Pyridine-d5	3.764	84	77235	29.004	ng/u1	0.00
7) Phenol-d5	7.071	99	108949	32.855	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	58732	29.542	ng/u1	0.00
11) 2-Chlorophenol-d4	7.436	132	81900	33.908	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	97215	35.180	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	45756	40.075	ng/u1	0.00
24) 2-Nitrophenol-d4	9.774	143	53273	42.664	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	111333	40.941	ng/u1	0.00
31) 4-Chloroaniline-d4	10.826	131	118652	31.743	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	383591	35.988	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	419494	35.437	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	64413	35.574	ng/u1	0.00
60) Fluorene-d10	15.526	176	354050	36.862	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	90976	25.644	ng/u1	0.00
73) Anthracene-d10	17.377	188	616306	21.174	ng/u1	0.00
81) Pyrene-d10	19.668	212	805896	35.935	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.381	264	858792	36.943	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	10713	11.426	ng/uL#	89
5) Pyridine	3.787	79	81479	29.172	ng/u1	97
6) Benzaldehyde	7.042	77	46538	25.526	ng/u1	98
8) Phenol	7.101	94	112997	32.781	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.324	93	77297	29.664	ng/u1	92
12) 2-Chlorophenol	7.465	128	85700	34.701	ng/u1	96
13) 2-Methylphenol	8.346	108	90934	35.180	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.423	45	137261	29.265	ng/u1	96
16) Acetophenone	8.717	105	152748	34.010	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.705	70	81116	34.501	ng/u1#	93
18) 4-Methylphenol	8.675	108	102691	35.313	ng/u1	97
19) Hexachloroethane	8.981	117	36784	36.999	ng/u1	87
22) Nitrobenzene	9.099	77	119598	38.721	ng/u1#	90
23) Isophorone	9.621	82	219044	34.687	ng/u1#	98
25) 2-Nitrophenol	9.809	139	54116	39.322	ng/u1#	90
26) 2,4-Dimethylphenol	9.868	107	85872	29.201	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.103	93	118122	33.470	ng/u1	99
29) 2,4-Dichlorophenol	10.344	162	105871	39.529	ng/u1	95
30) Naphthalene	10.744	128	303530	35.437	ng/u1	99
32) 4-Chloroaniline	10.849	127	106347	28.607	ng/u1	100
33) Hexachlorobutadiene	11.032	225	98056	43.947	ng/u1	91
34) Caprolactam	11.613	113	24484	24.803	ng/u1	90
35) 4-Chloro-3-methylphenol	11.983	107	123100	42.133	ng/u1	95
36) 2-Methylnaphthalene	12.354	142	235924	37.320	ng/u1	95

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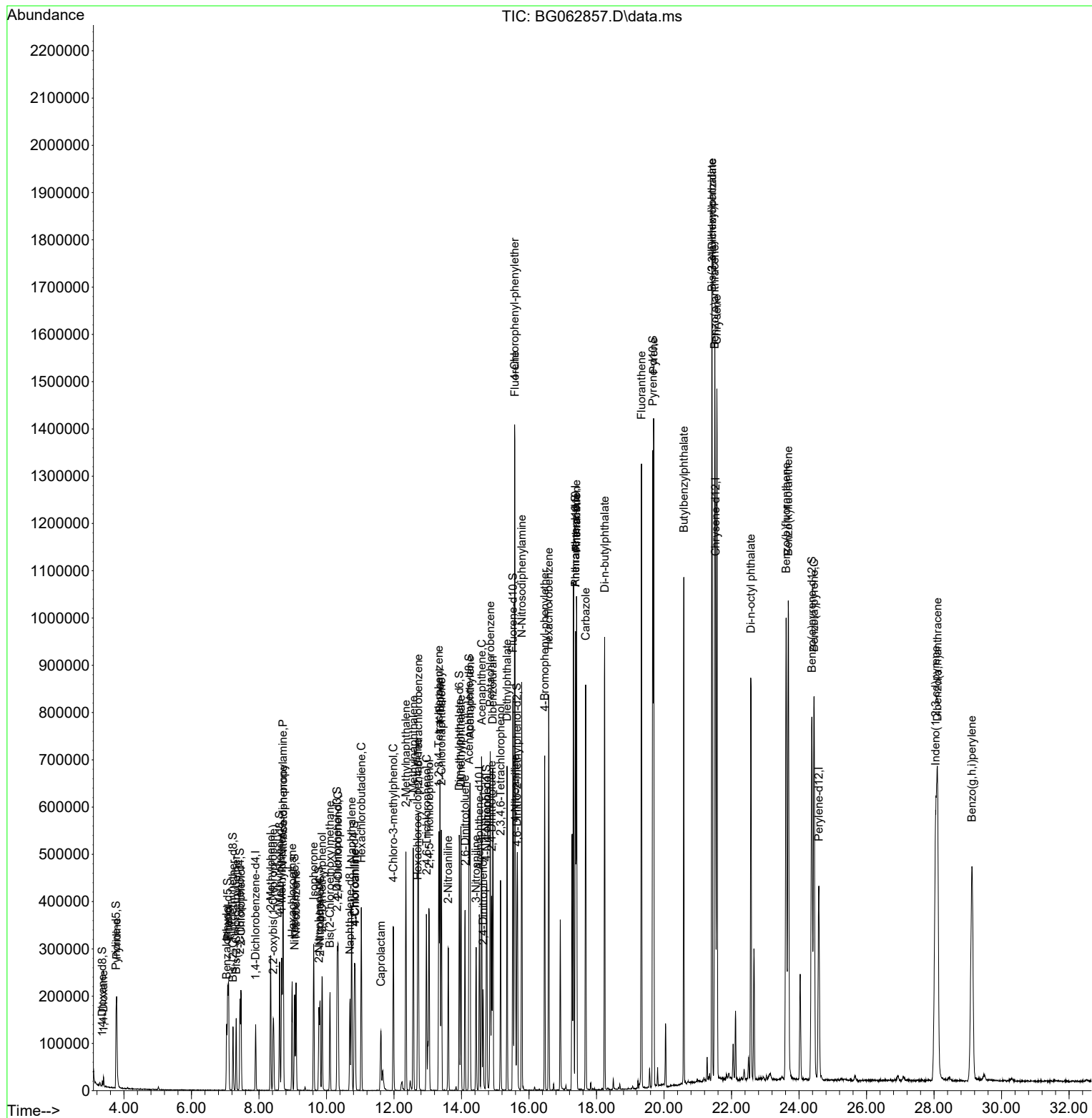
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.571	142	237545	36.684	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.724	216	187141	39.328	ng/ul	98
40) Hexachlorocyclopentadiene	12.700	237	89546	36.778	ng/ul	99
41) 2,4,6-Trichlorophenol	12.965	196	102973	35.726	ng/ul	99
42) 2,4,5-Trichlorophenol	13.041	196	118282	38.222	ng/ul	98
43) 1,1'-Biphenyl	13.364	154	341352	35.070	ng/ul	99
44) 2-Chloronaphthalene	13.405	162	283555	35.826	ng/ul	99
45) 2-Nitroaniline	13.605	65	86715	39.927	ng/ul	99
47) Dimethylphthalate	13.987	163	393575	35.855	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	79441	41.079	ng/ul	98
50) Acenaphthylene	14.251	152	453002	36.247	ng/ul	99
51) 3-Nitroaniline	14.433	138	71477	36.917	ng/ul	92
52) Acenaphthene	14.598	153	306270	34.597	ng/ul	98
53) 2,4-Dinitrophenol	14.639	184	50745	39.738	ng/ul	93
55) 4-Nitrophenol	14.751	109	67063	41.204	ng/ul	85
56) Dibenzofuran	14.927	168	458955	34.899	ng/ul	98
57) 2,4-Dinitrotoluene	14.892	165	122193	40.413	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.156	232	104208	33.229	ng/ul	99
59) Diethylphthalate	15.350	149	387333	35.769	ng/ul	99
61) Fluorene	15.579	166	369926	35.807	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.573	204	232368	38.345	ng/ul	97
63) 4-Nitroaniline	15.597	138	79037	37.935	ng/ul#	82
67) N-Nitrosodiphenylamine	15.785	169	335289	21.197	ng/ul	98
68) 4-Bromophenyl-phenylether	16.466	248	170572	24.034	ng/ul	96
69) Hexachlorobenzene	16.584	284	201077	24.814	ng/ul	96
72) Phenanthrene	17.406	178	689526	21.499	ng/ul	99
74) Anthracene	17.406	178	688963	21.071	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.329	216	192396	22.843	ng/ul	99
76) Pentachlorobenzene	14.851	250	213214	22.844	ng/ul	98
77) Carbazole	17.677	167	572921	21.130	ng/ul	97
78) Di-n-butylphthalate	18.241	149	676710	21.103	ng/ul	99
80) Fluoranthene	19.334	202	885627	35.656	ng/ul#	95
82) Pyrene	19.692	202	912574	34.132	ng/ul	97
83) Butylbenzylphthalate	20.585	149	303321	38.216	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.425	252	329070	39.220	ng/ul	98
85) Benzo(a)anthracene	21.502	228	1021348	36.848	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.419	149	429709	36.769	ng/ul	99
87) Chrysene	21.566	228	948957	36.087	ng/ul	99
89) Di-n-octyl phthalate	22.571	149	746444	36.451	ng/ul	100
90) Benzo(b)fluoranthene	23.617	252	1035127	38.083	ng/ul	99
91) Benzo(k)fluoranthene	23.681	252	1009492	36.271	ng/ul#	97
93) Benzo(a)pyrene	24.445	252	914914	35.687	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.047	276	1222602	38.705	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.100	278	998951	39.372	ng/ul	98
96) Benzo(g,h,i)perylene	29.122	276	958085	39.272	ng/ul#	97

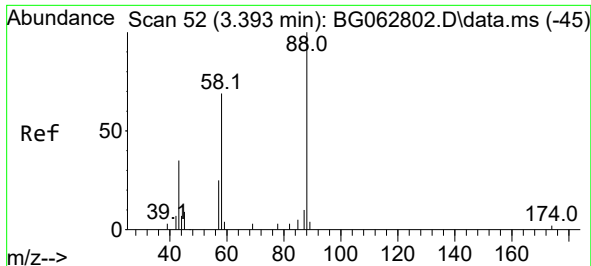
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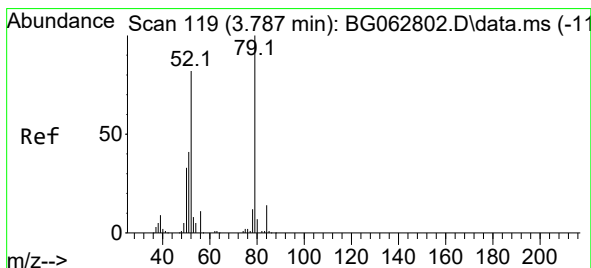
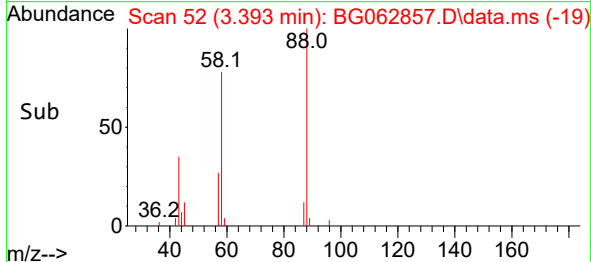
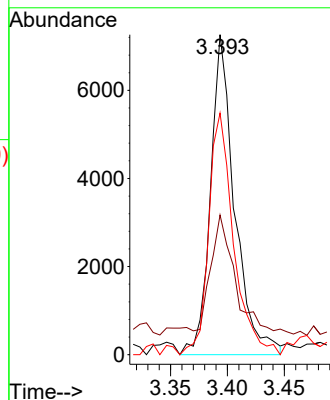
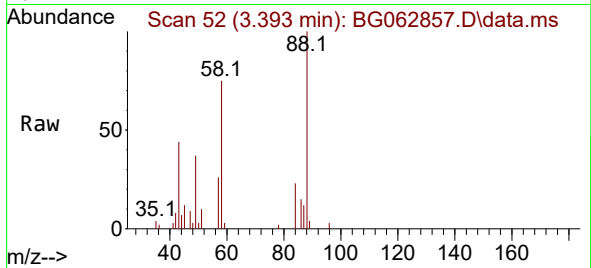




#2
1,4-Dioxane
Concen: 11.426 ng/uL
RT: 3.393 min Scan# 51
Delta R.T. -0.006 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

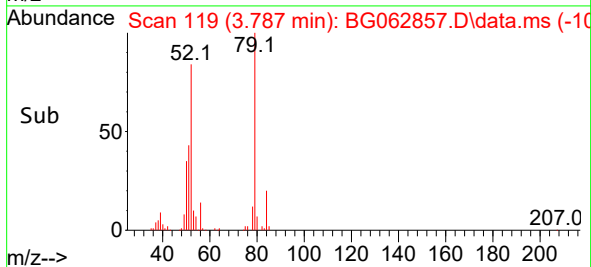
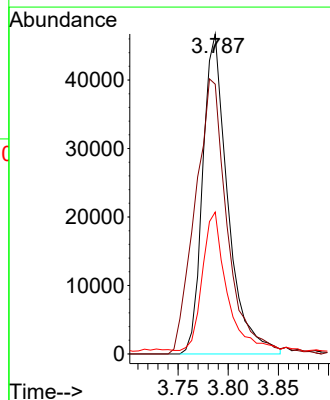
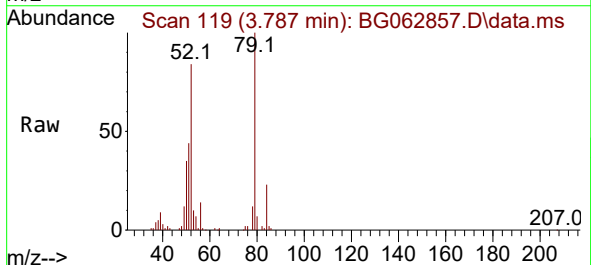
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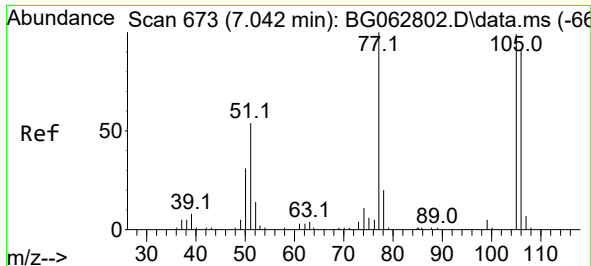
Tgt Ion: 88 Resp: 10713
Ion Ratio Lower Upper
88 100
43 43.6 23.1 34.7#
58 75.5 57.2 85.8



#5
Pyridine
Concen: 29.172 ng/uL
RT: 3.787 min Scan# 119
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion: 79 Resp: 81479
Ion Ratio Lower Upper
79 100
52 84.3 69.8 104.8
51 44.4 34.0 51.0

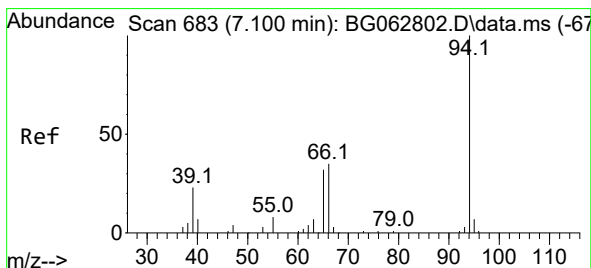
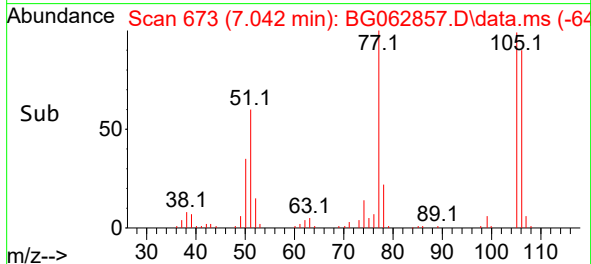
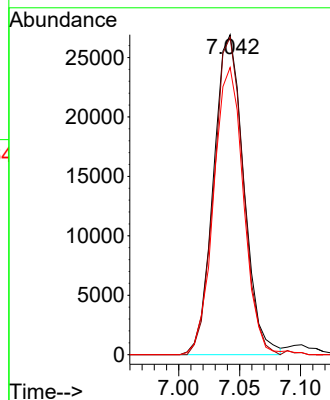
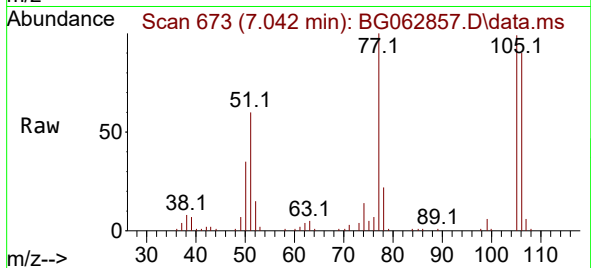




#6
Benzaldehyde
Concen: 25.526 ng/ul
RT: 7.042 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

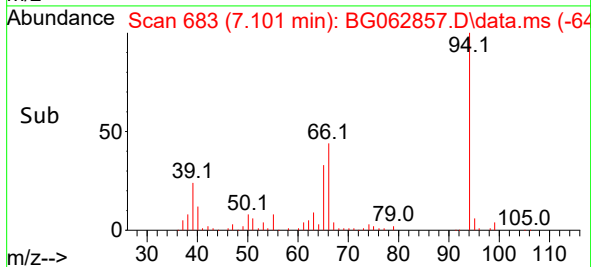
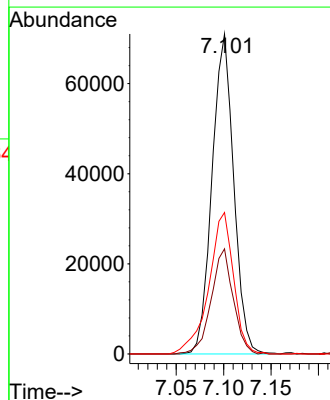
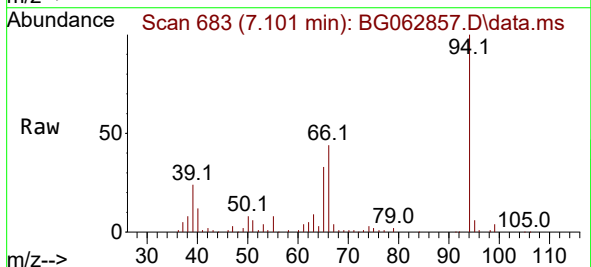
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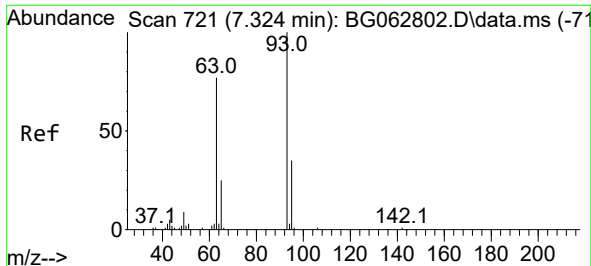
Tgt Ion: 77 Resp: 46538
Ion Ratio Lower Upper
77 100
105 99.2 79.0 118.4
106 89.7 69.0 103.6



#8
Phenol
Concen: 32.781 ng/ul
RT: 7.101 min Scan# 683
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion: 94 Resp: 112997
Ion Ratio Lower Upper
94 100
65 32.9 25.1 37.7
66 44.2 30.8 46.2

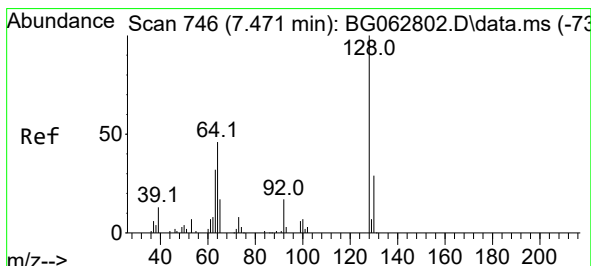
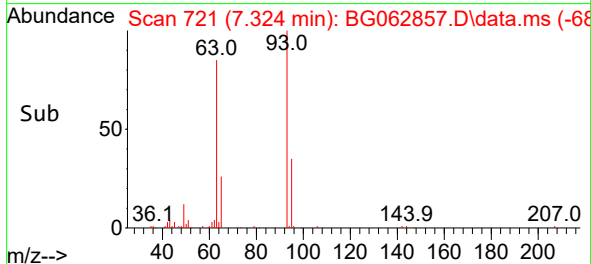
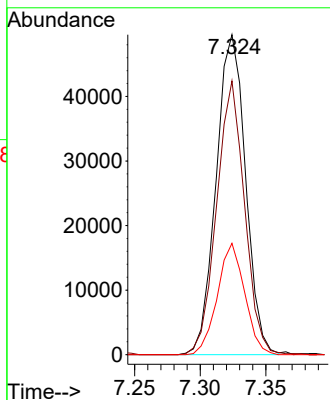
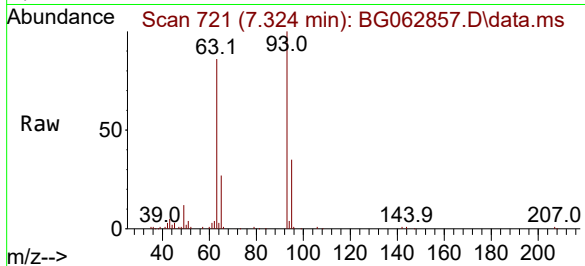




#10
Bis(2-Chloroethyl)ether
Concen: 29.664 ng/ul
RT: 7.324 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

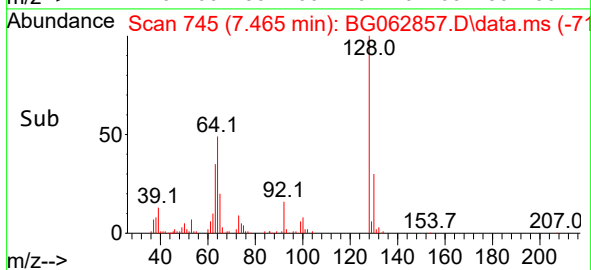
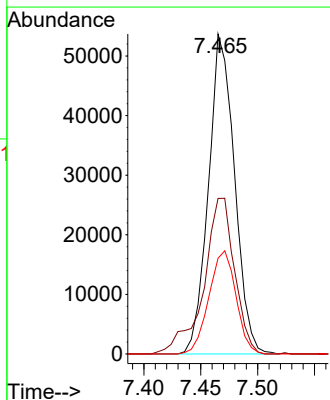
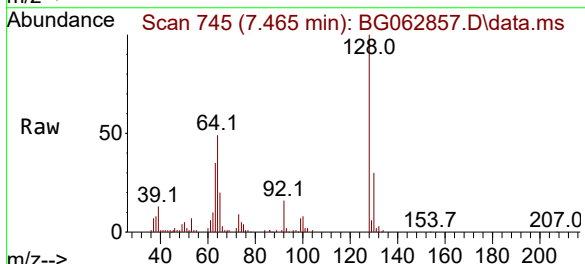
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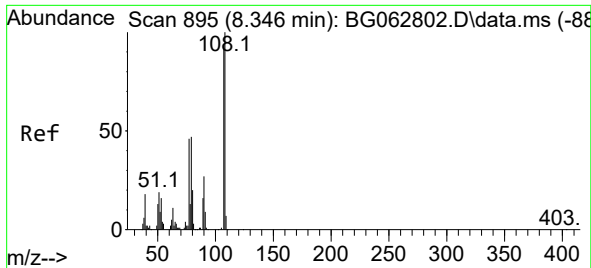
Tgt Ion: 93 Resp: 77297
Ion Ratio Lower Upper
93 100
63 85.5 62.0 93.0
95 34.8 25.9 38.9



#12
2-Chlorophenol
Concen: 34.701 ng/ul
RT: 7.465 min Scan# 745
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:128 Resp: 85700
Ion Ratio Lower Upper
128 100
64 48.6 42.0 63.0
130 29.9 24.0 36.0

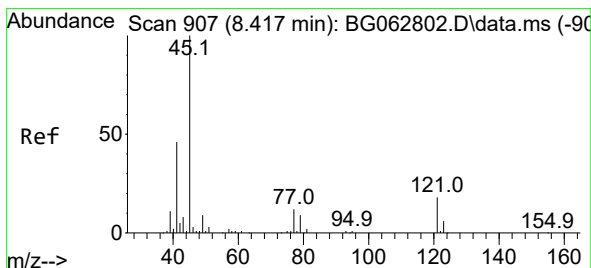
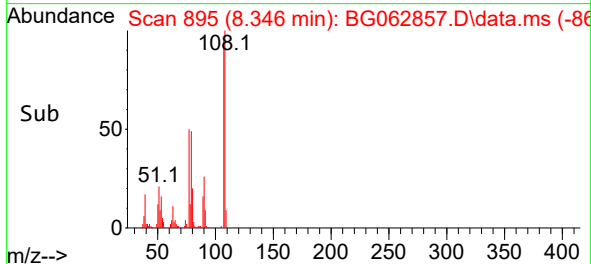
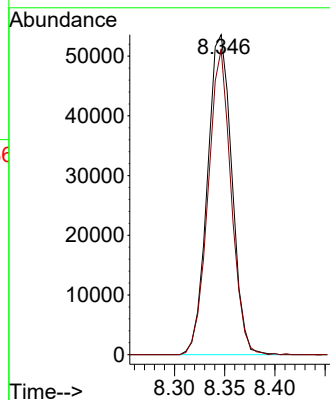
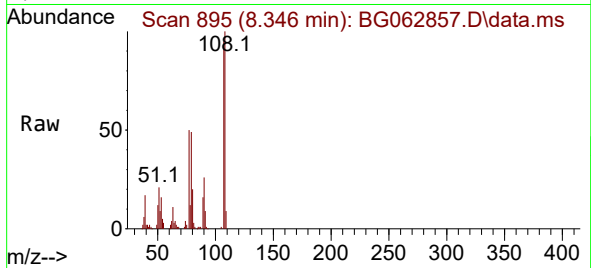




#13
2-Methylphenol
Concen: 35.180 ng/ul
RT: 8.346 min Scan# 895
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

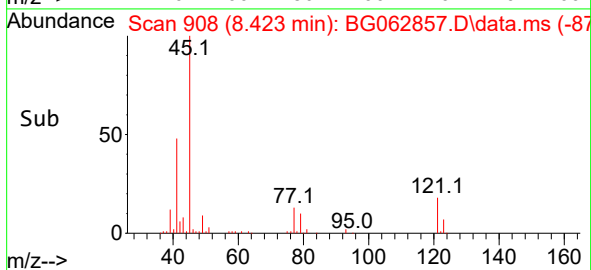
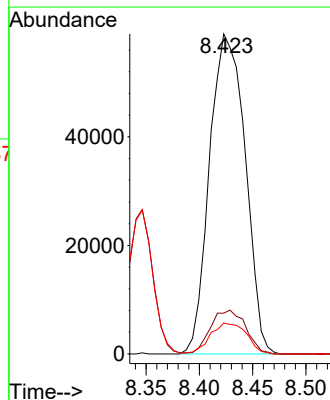
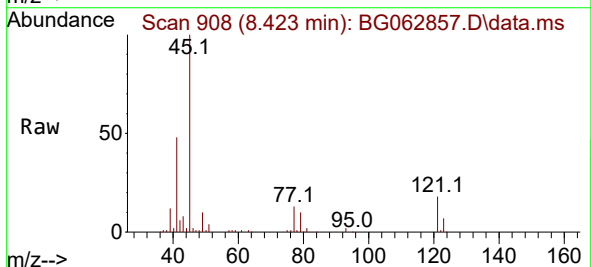
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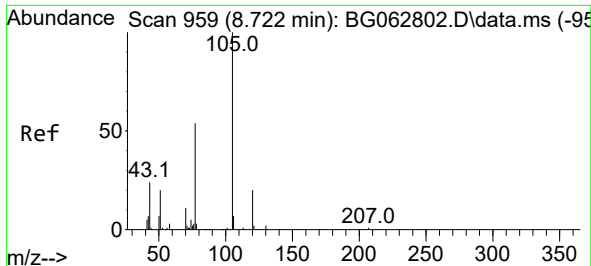
Tgt Ion:108 Resp: 90934
Ion Ratio Lower Upper
108 100
107 95.4 72.1 108.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 29.265 ng/ul
RT: 8.423 min Scan# 908
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion: 45 Resp: 137261
Ion Ratio Lower Upper
45 100
77 12.8 9.0 13.6
79 9.7 6.6 9.8

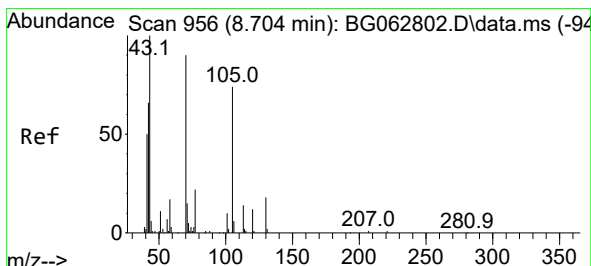
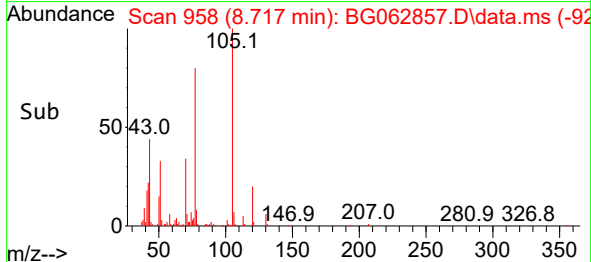
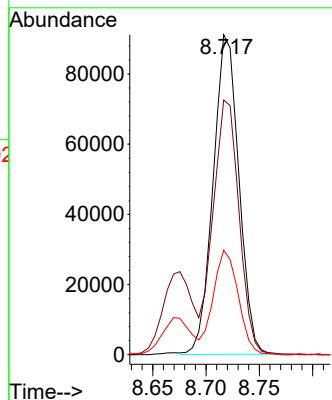
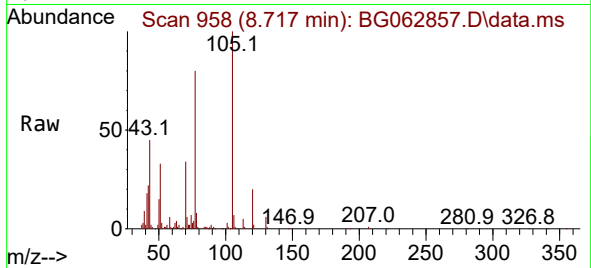




#16
 Acetophenone
 Concen: 34.010 ng/ul
 RT: 8.717 min Scan# 91
 Delta R.T. -0.005 min
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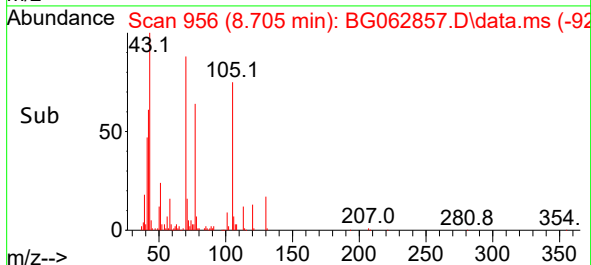
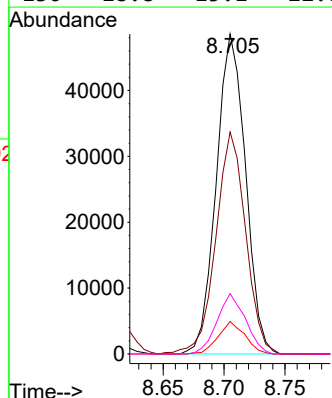
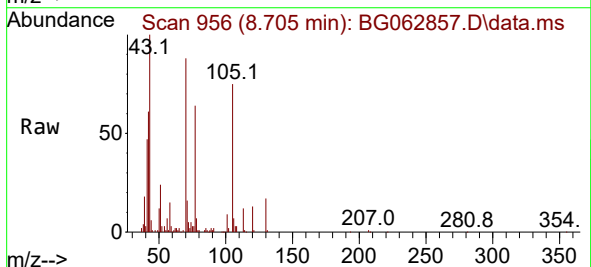
Instrument :
 BNA_G
 ClientSampleId :
 SLCS398

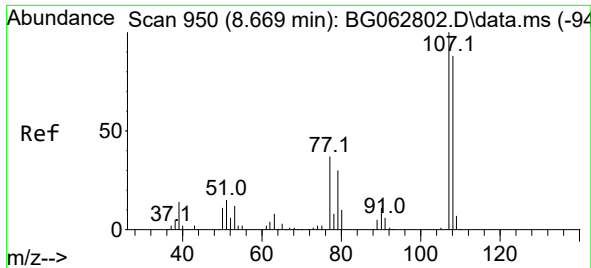
Tgt Ion:105 Resp: 152748
 Ion Ratio Lower Upper
 105 100
 77 79.6 63.3 94.9
 51 32.6 26.5 39.7



#17
 N-Nitroso-di-n-propylamine
 Concen: 34.501 ng/ul
 RT: 8.705 min Scan# 956
 Delta R.T. -0.005 min
 Lab File: BG062857.D
 Acq: 15 Sep 2024 22:08

Tgt Ion: 70 Resp: 81116
 Ion Ratio Lower Upper
 70 100
 42 69.3 50.2 75.2
 101 10.1 6.2 9.4#
 130 18.8 15.1 22.7

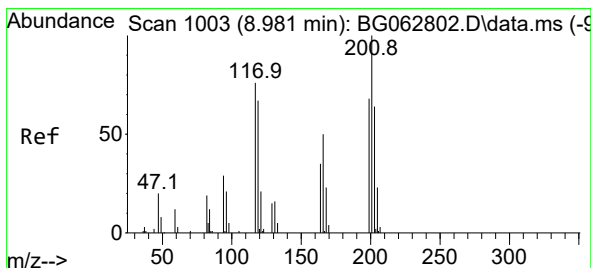
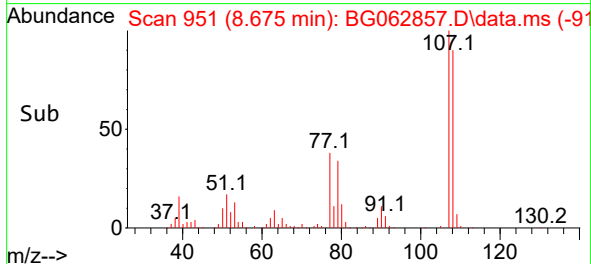
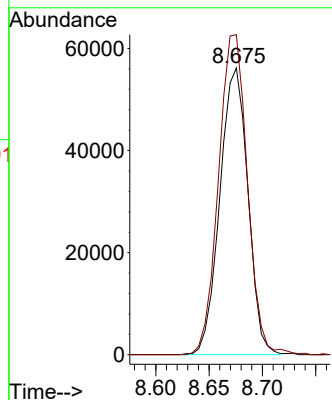
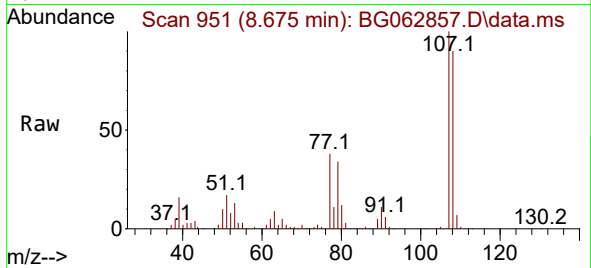




#18
4-Methylphenol
Concen: 35.313 ng/ul
RT: 8.675 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

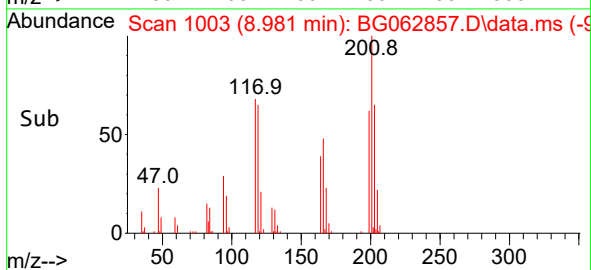
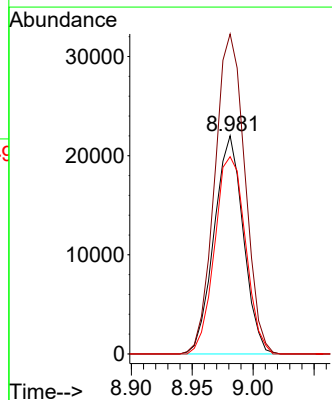
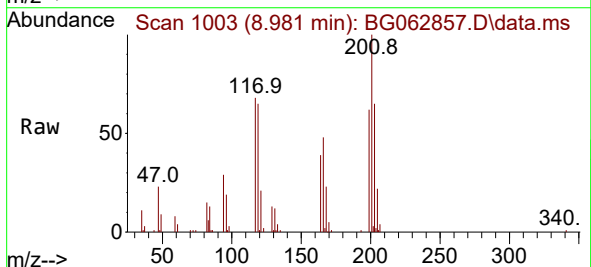
Instrument :
BNA_G
ClientSampleId :
SLCS398

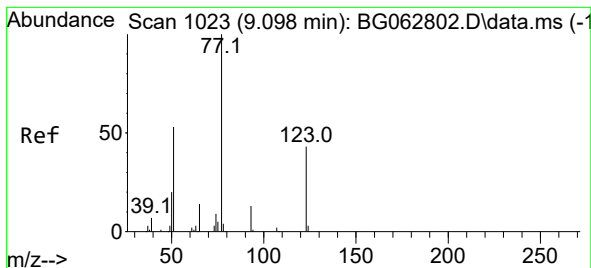
Tgt Ion:108 Resp: 102691
Ion Ratio Lower Upper
108 100
107 111.6 86.4 129.6



#19
Hexachloroethane
Concen: 36.999 ng/ul
RT: 8.981 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:117 Resp: 36784
Ion Ratio Lower Upper
117 100
201 146.6 106.6 160.0
199 90.4 62.0 93.0

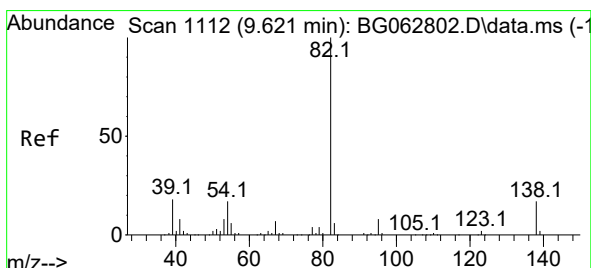
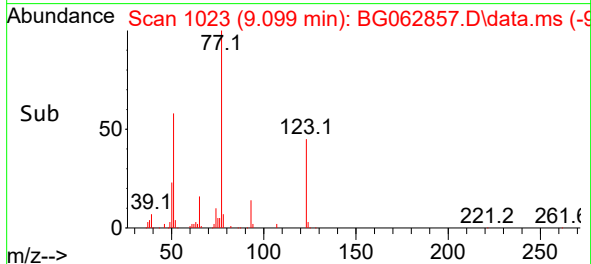
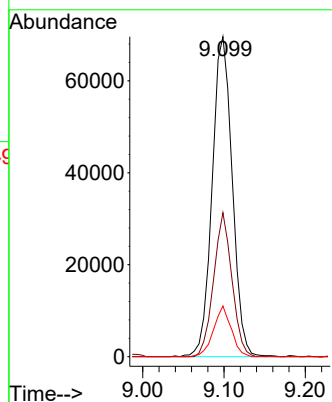
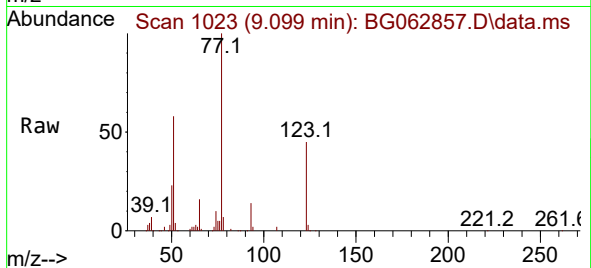




#22
Nitrobenzene
Concen: 38.721 ng/ul
RT: 9.099 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

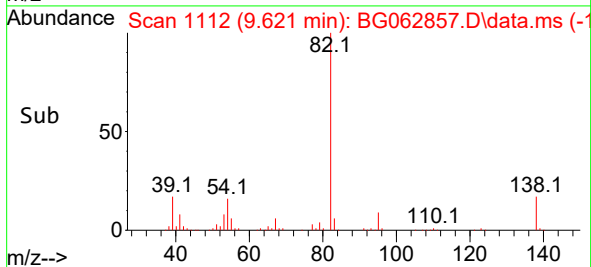
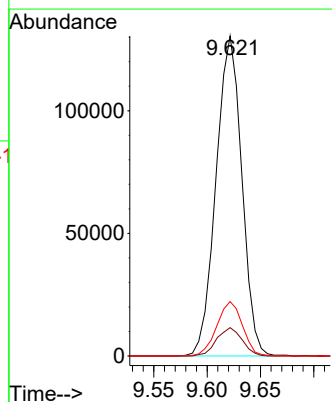
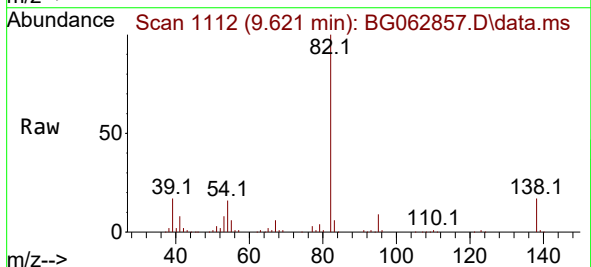
Instrument :
BNA_G
ClientSampleId :
SLCS398

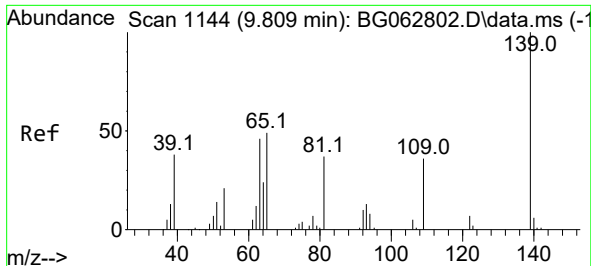
Tgt Ion: 77 Resp: 119598
Ion Ratio Lower Upper
77 100
123 45.0 30.9 46.3
65 15.8 9.7 14.5#



#23
Isophorone
Concen: 34.687 ng/ul
RT: 9.621 min Scan# 1112
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion: 82 Resp: 219044
Ion Ratio Lower Upper
82 100
95 8.8 5.8 8.8#
138 17.0 13.0 19.6

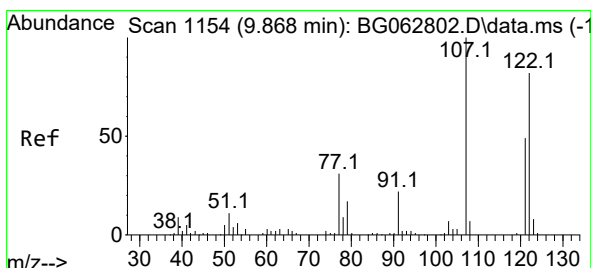
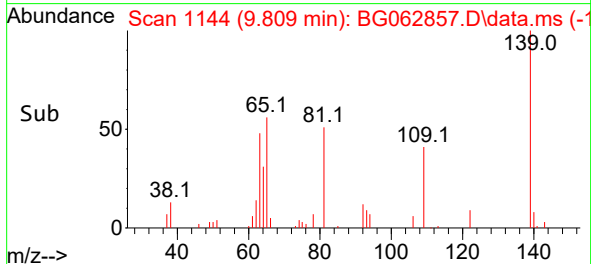
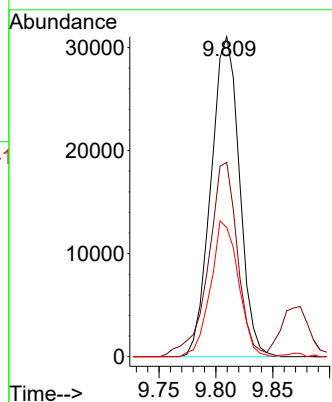
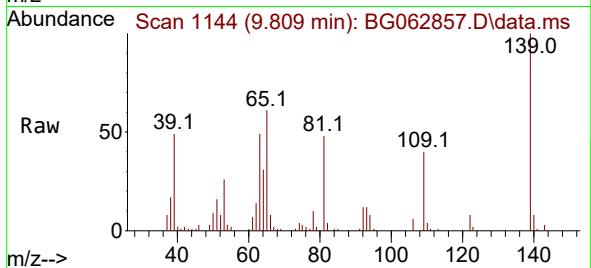




#25
2-Nitrophenol
Concen: 39.322 ng/ul
RT: 9.809 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

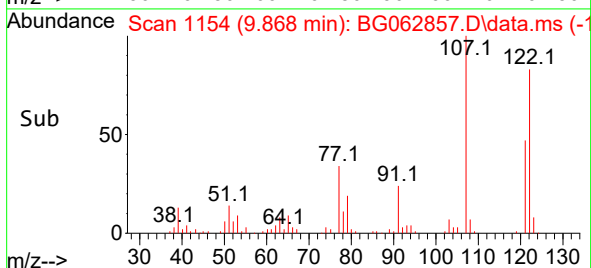
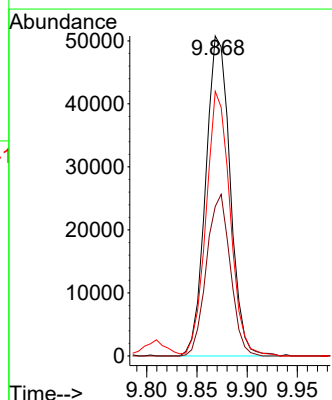
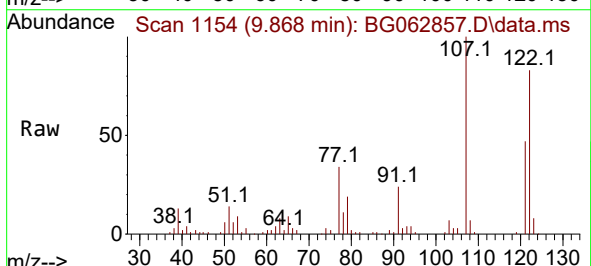
Instrument :
BNA_G
ClientSampleId :
SLCS398

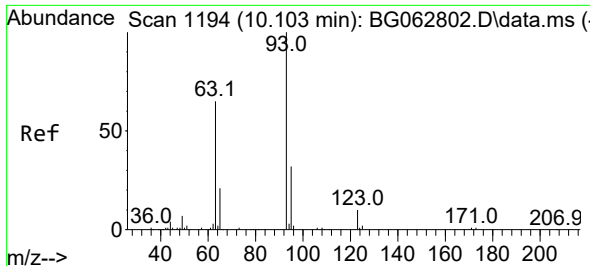
Tgt Ion:139 Resp: 54116
Ion Ratio Lower Upper
139 100
65 60.7 45.4 68.0
109 40.3 23.9 35.9#



#26
2,4-Dimethylphenol
Concen: 29.201 ng/ul
RT: 9.868 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:107 Resp: 85872
Ion Ratio Lower Upper
107 100
121 46.7 38.8 58.2
122 82.7 70.5 105.7

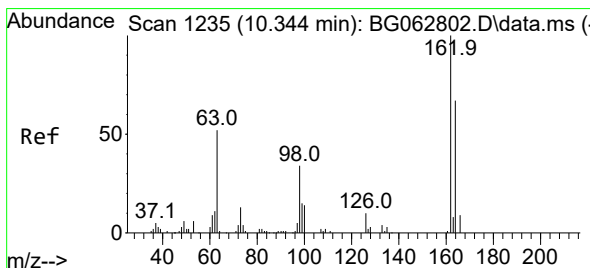
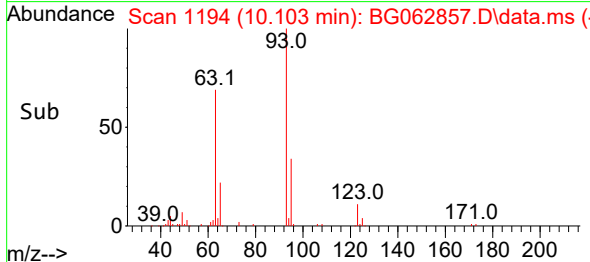
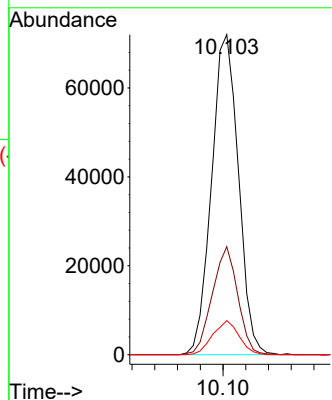
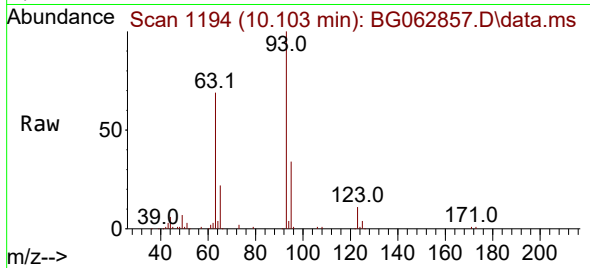




#27
 Bis(2-Chloroethoxy)methane
 Concen: 33.470 ng/ul
 RT: 10.103 min Scan# 1194
 Delta R.T. -0.005 min
 Lab File: BG062857.D
 Acq: 15 Sep 2024 22:08

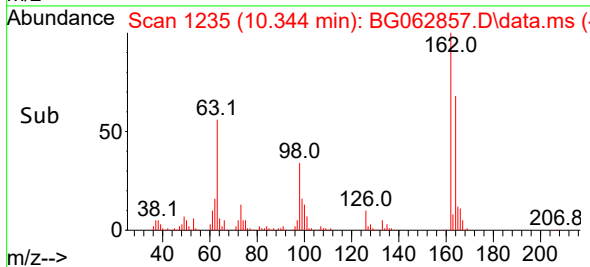
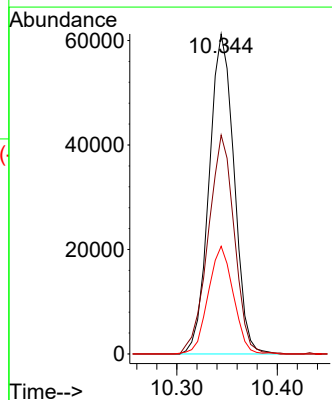
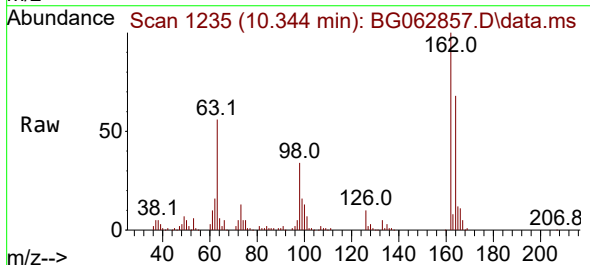
Instrument :
 BNA_G
 ClientSampleId :
 SLCS398

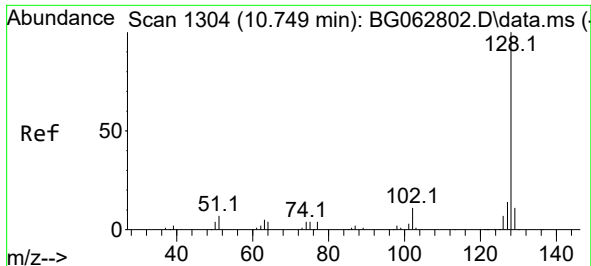
Tgt Ion: 93 Resp: 118122
 Ion Ratio Lower Upper
 93 100
 95 33.8 27.4 41.2
 123 10.6 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 39.529 ng/ul
 RT: 10.344 min Scan# 1235
 Delta R.T. 0.001 min
 Lab File: BG062857.D
 Acq: 15 Sep 2024 22:08

Tgt Ion:162 Resp: 105871
 Ion Ratio Lower Upper
 162 100
 164 68.4 51.9 77.9
 98 33.7 23.8 35.6

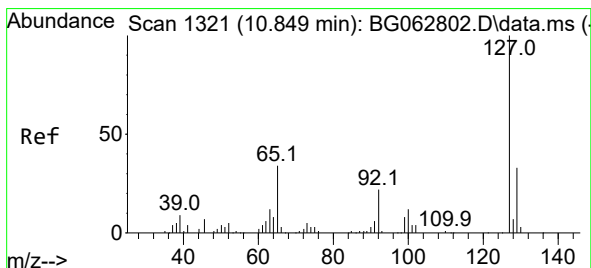
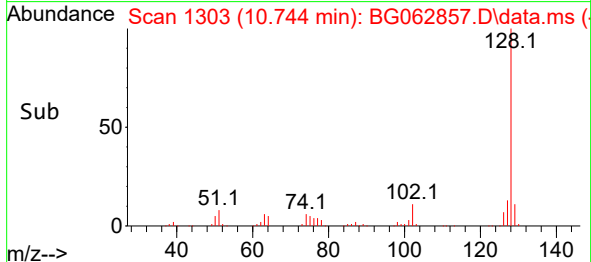
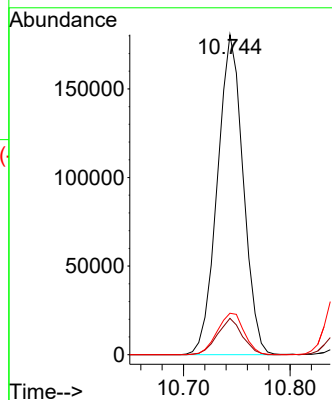
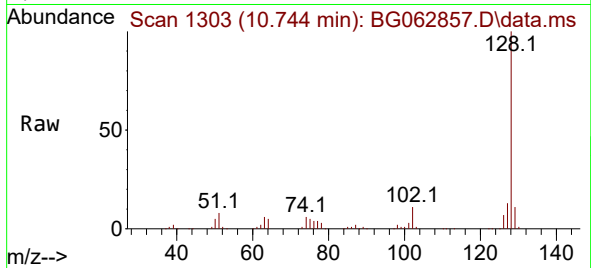




#30
Naphthalene
Concen: 35.437 ng/ul
RT: 10.744 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

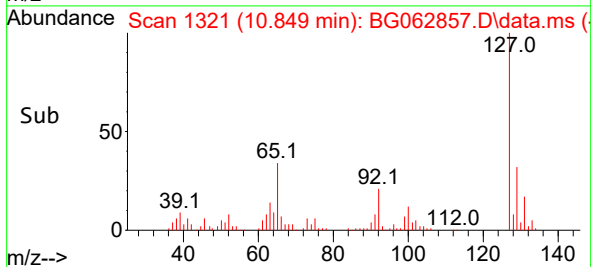
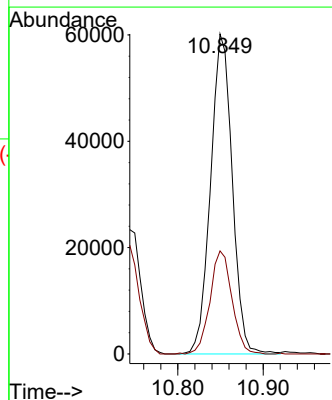
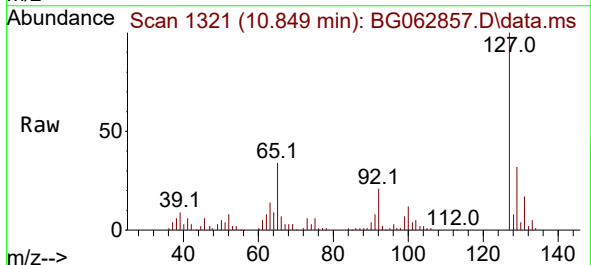
Instrument :
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ClientSampleId :
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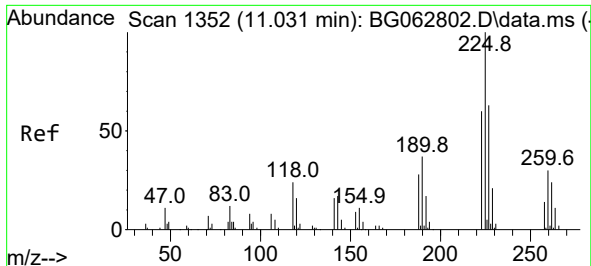
Tgt Ion:128 Resp: 303530
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 12.9 10.7 16.1



#32
4-Chloroaniline
Concen: 28.607 ng/ul
RT: 10.849 min Scan# 1321
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:127 Resp: 106347
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.8

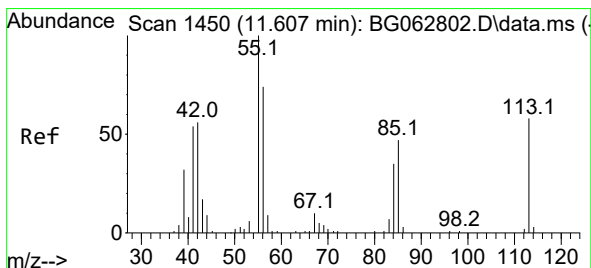
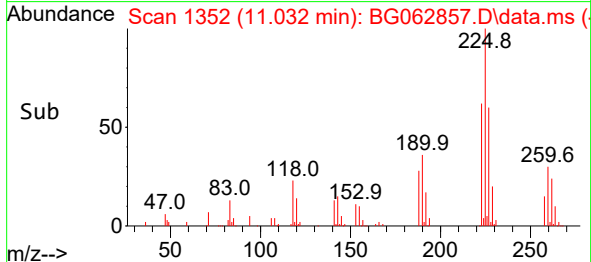
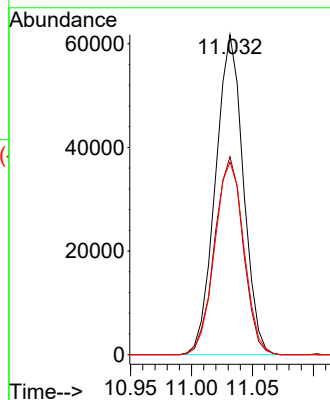
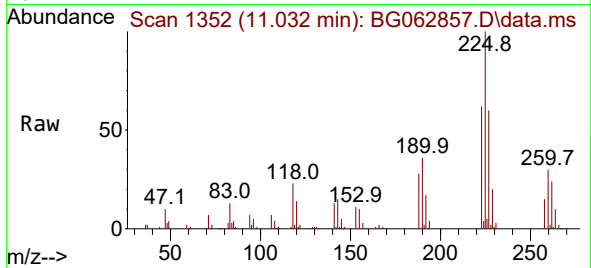




#33
Hexachlorobutadiene
Concen: 43.947 ng/ul
RT: 11.032 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

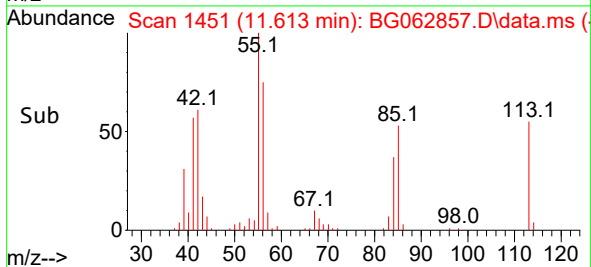
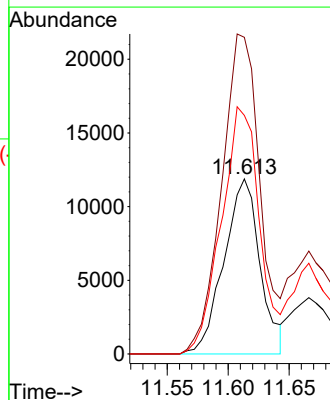
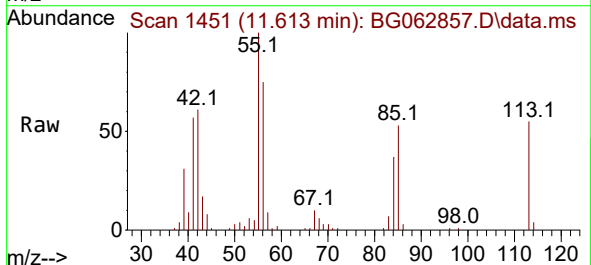
Instrument :
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ClientSampleId :
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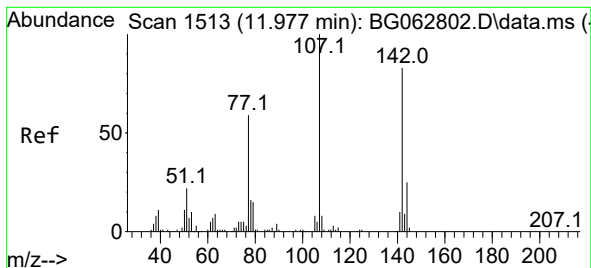
Tgt Ion:225 Resp: 98056
Ion Ratio Lower Upper
225 100
223 61.8 52.3 78.5
227 60.2 56.4 84.6



#34
Caprolactam
Concen: 24.803 ng/ul
RT: 11.613 min Scan# 1451
Delta R.T. 0.012 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:113 Resp: 24484
Ion Ratio Lower Upper
113 100
55 180.9 150.8 226.2
56 136.3 125.0 187.6

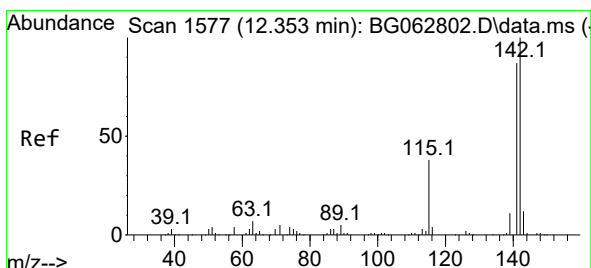
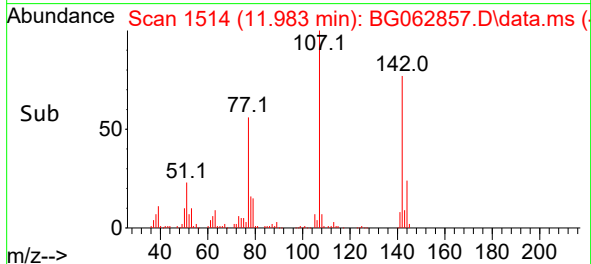
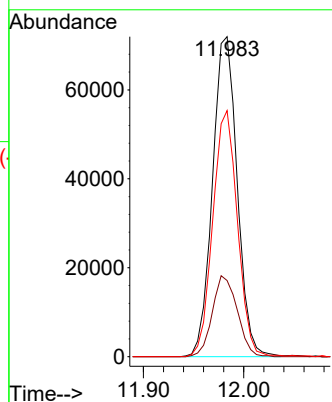
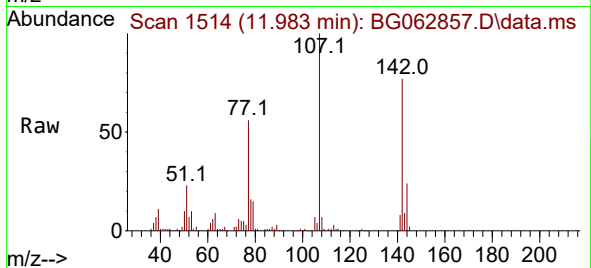




#35
4-Chloro-3-methylphenol
Concen: 42.133 ng/ul
RT: 11.983 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

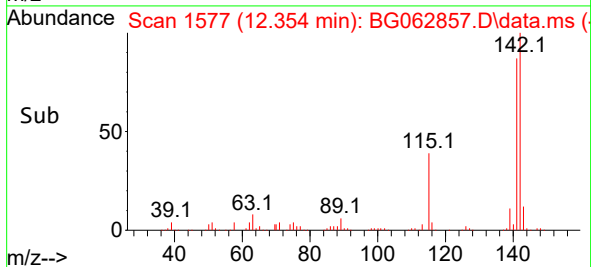
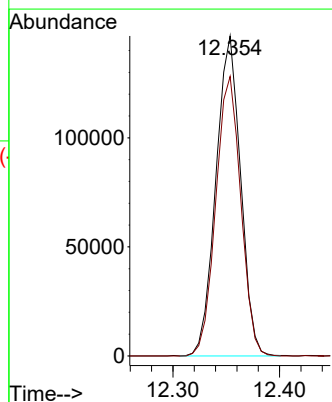
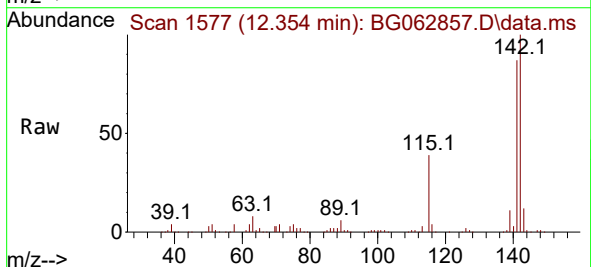
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ClientSampleId :
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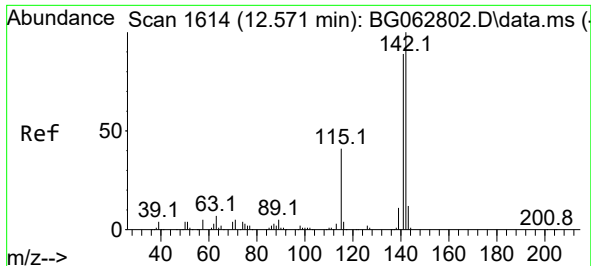
Tgt Ion:107 Resp: 123100
Ion Ratio Lower Upper
107 100
144 23.8 21.8 32.6
142 76.9 64.8 97.2



#36
2-Methylnaphthalene
Concen: 37.320 ng/ul
RT: 12.354 min Scan# 1577
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:142 Resp: 235924
Ion Ratio Lower Upper
142 100
141 87.3 73.4 110.2





#37

1-Methylnaphthalene

Concen: 36.684 ng/ul

RT: 12.571 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062857.D

Acq: 15 Sep 2024 22:08

Instrument :

BNA_G

ClientSampleId :

SLCS398

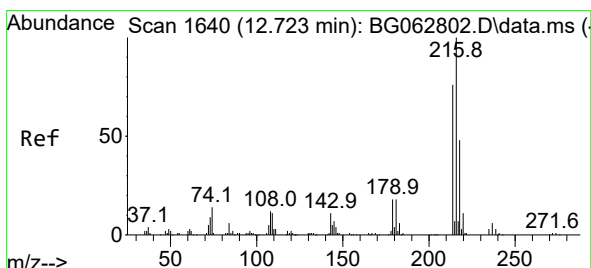
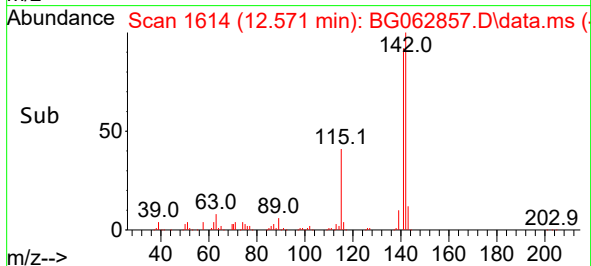
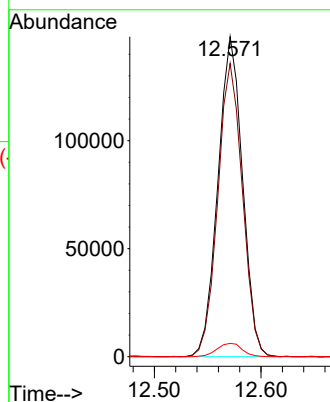
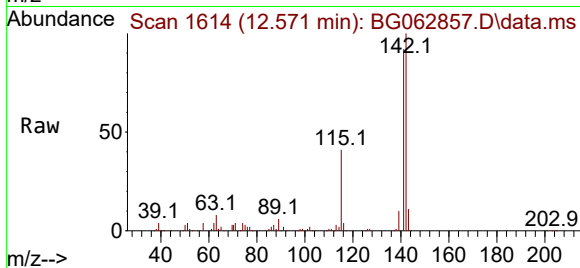
Tgt Ion:142 Resp: 237545

Ion Ratio Lower Upper

142 100

141 91.7 71.1 106.7

116 4.1 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.328 ng/ul

RT: 12.724 min Scan# 1640

Delta R.T. -0.005 min

Lab File: BG062857.D

Acq: 15 Sep 2024 22:08

Tgt Ion:216 Resp: 187141

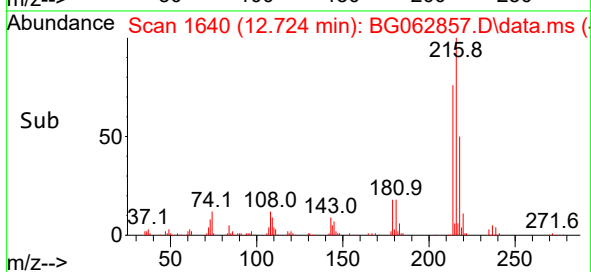
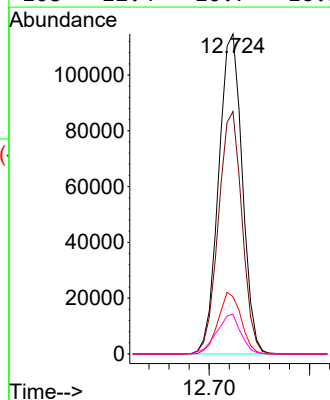
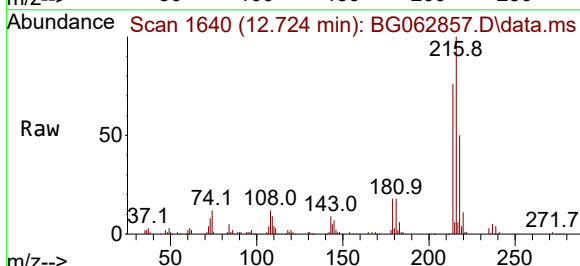
Ion Ratio Lower Upper

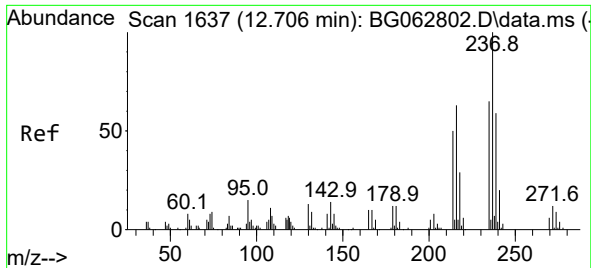
216 100

214 75.7 61.8 92.8

179 17.9 13.6 20.4

108 12.4 10.7 16.1

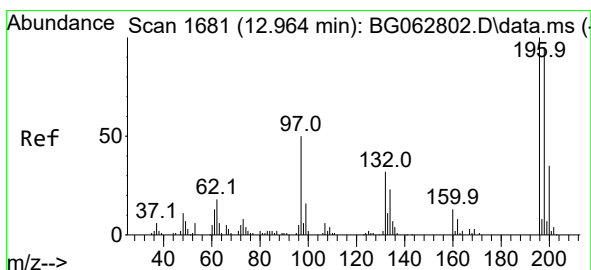
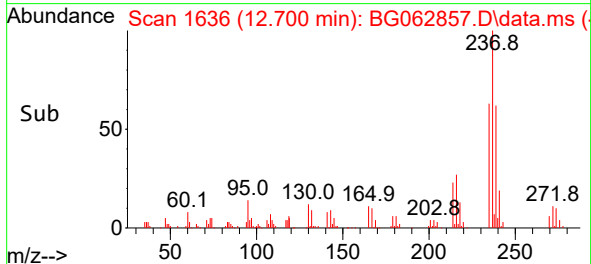
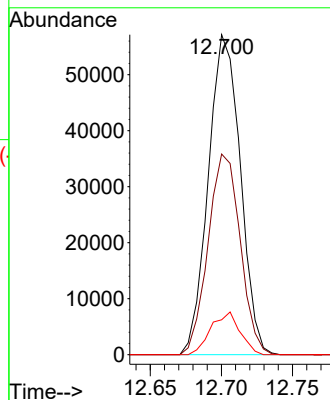
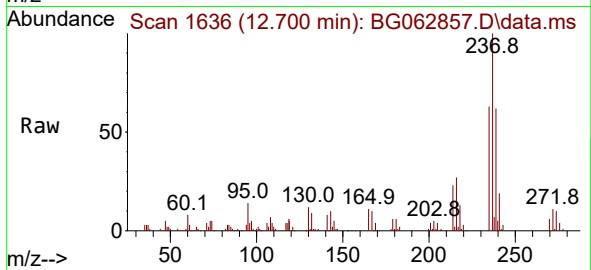




#40
Hexachlorocyclopentadiene
Concen: 36.778 ng/ul
RT: 12.700 min Scan# 1637
Delta R.T. -0.011 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

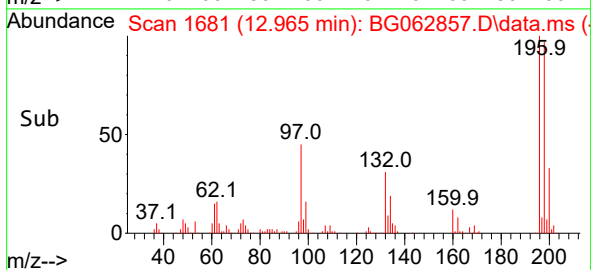
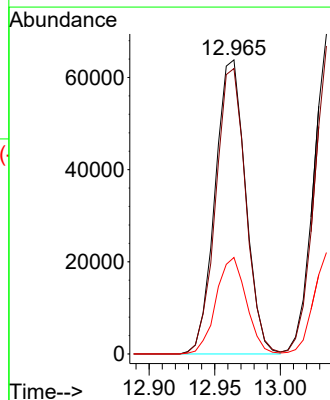
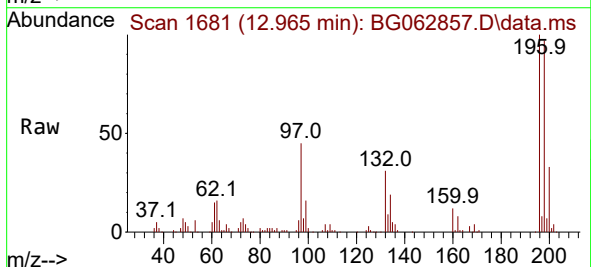
Instrument :
BNA_G
ClientSampleId :
SLCS398

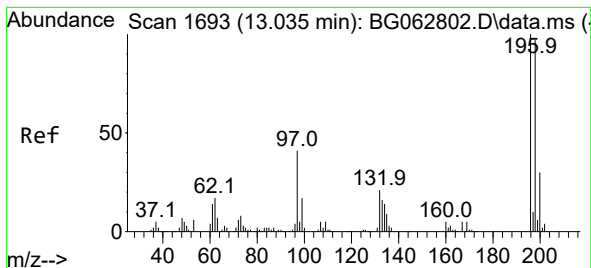
Tgt Ion:237 Resp: 89546
Ion Ratio Lower Upper
237 100
235 58.5 47.0 70.6
272 10.2 9.4 14.0



#41
2,4,6-Trichlorophenol
Concen: 35.726 ng/ul
RT: 12.965 min Scan# 1681
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:196 Resp: 102973
Ion Ratio Lower Upper
196 100
198 97.1 76.2 114.4
200 32.8 26.0 39.0





#42

2,4,5-Trichlorophenol

Concen: 38.222 ng/ul

RT: 13.041 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062857.D

Acq: 15 Sep 2024 22:08

Instrument :

BNA_G

ClientSampleId :

SLCS398

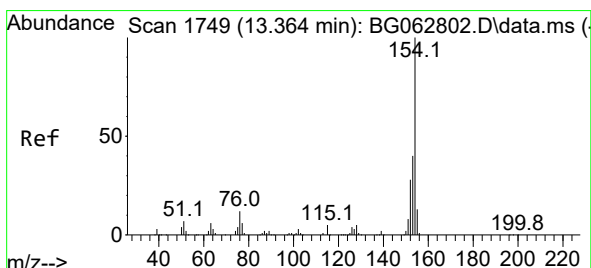
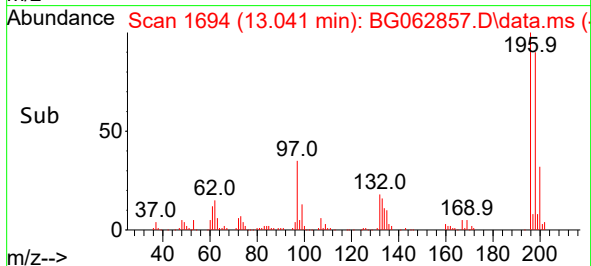
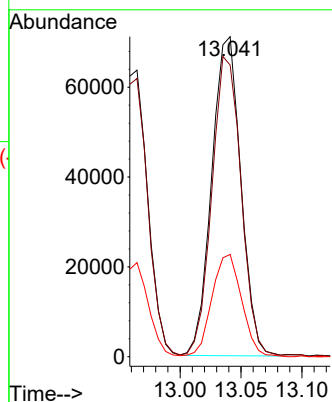
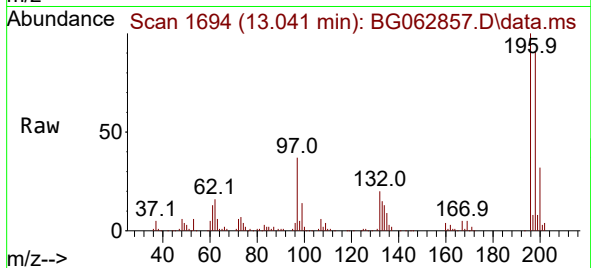
Tgt Ion:196 Resp: 118282

Ion Ratio Lower Upper

196 100

198 91.2 71.2 106.8

200 32.0 24.6 37.0



#43

1,1'-Biphenyl

Concen: 35.070 ng/ul

RT: 13.364 min Scan# 1749

Delta R.T. 0.001 min

Lab File: BG062857.D

Acq: 15 Sep 2024 22:08

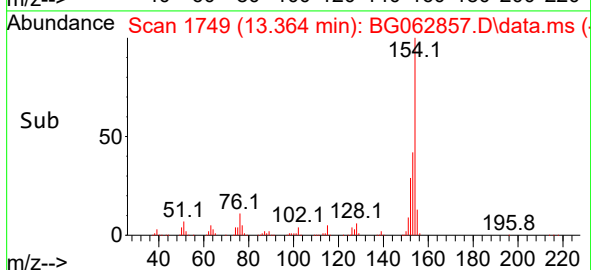
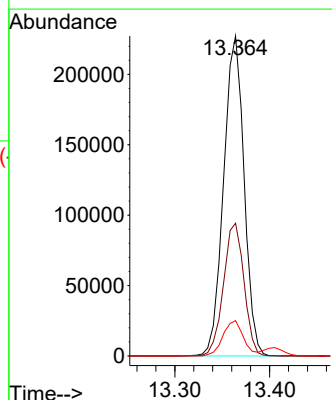
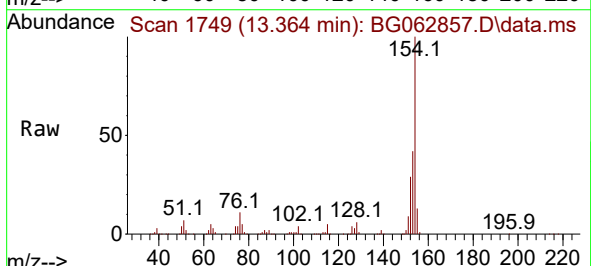
Tgt Ion:154 Resp: 341352

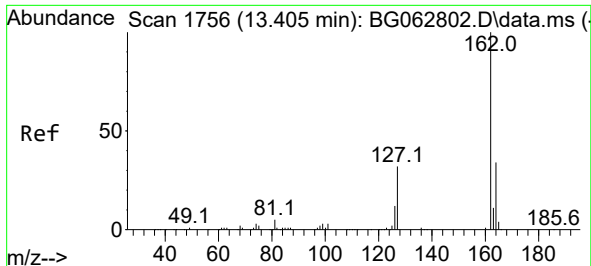
Ion Ratio Lower Upper

154 100

153 41.5 33.4 50.0

76 11.0 10.1 15.1

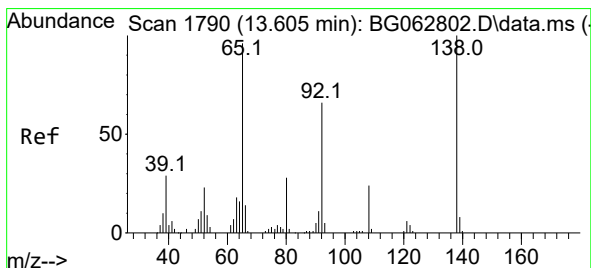
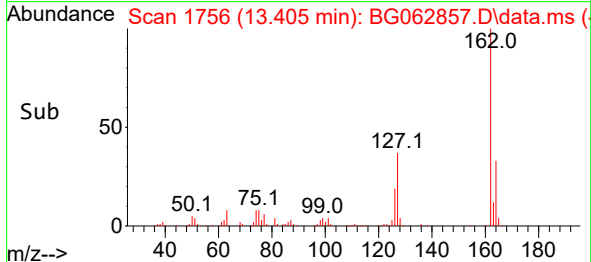
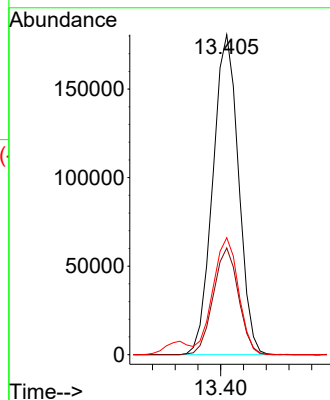
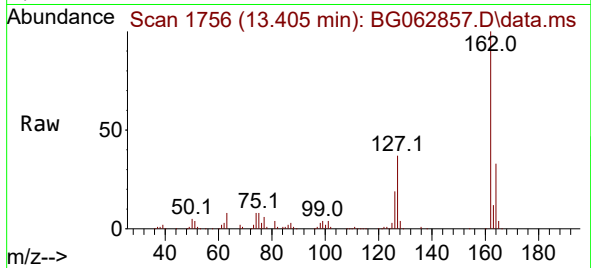




#44
2-Chloronaphthalene
Concen: 35.826 ng/ul
RT: 13.405 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

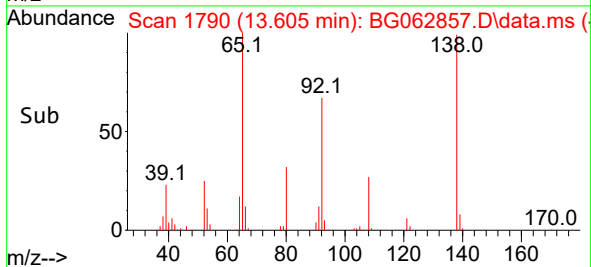
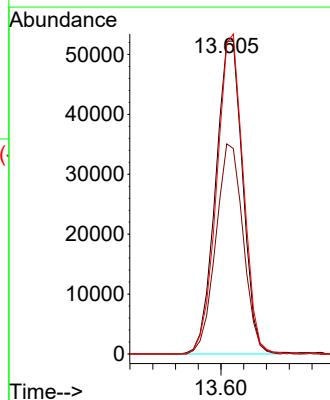
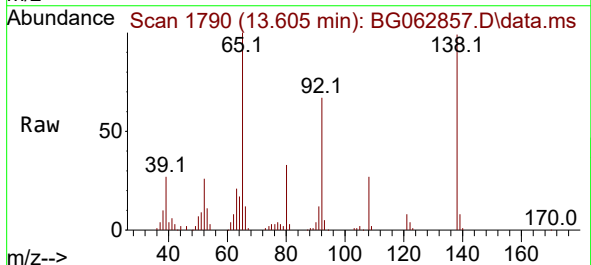
Instrument :
BNA_G
ClientSampleId :
SLCS398

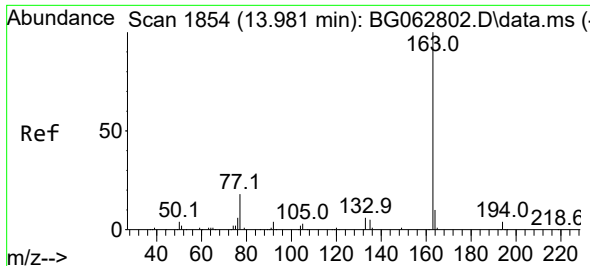
Tgt Ion:162 Resp: 283555
Ion Ratio Lower Upper
162 100
164 33.3 27.1 40.7
127 36.6 28.5 42.7



#45
2-Nitroaniline
Concen: 39.927 ng/ul
RT: 13.605 min Scan# 1790
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion: 65 Resp: 86715
Ion Ratio Lower Upper
65 100
92 67.2 55.0 82.4
138 99.3 80.0 120.0

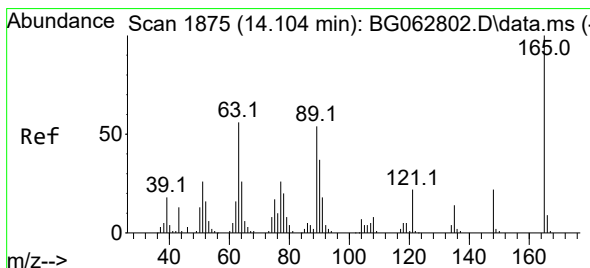
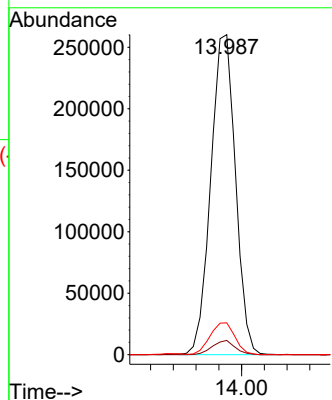
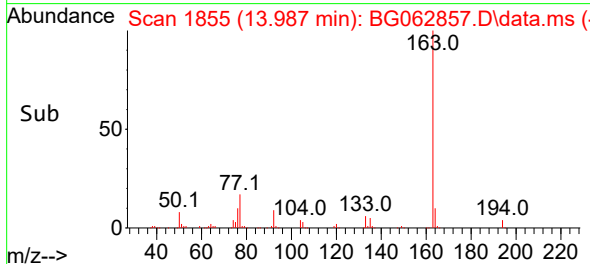
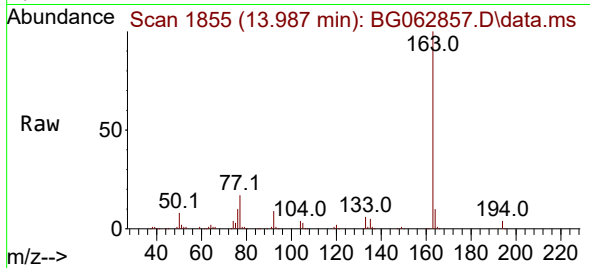




#47
Dimethylphthalate
Concen: 35.855 ng/ul
RT: 13.987 min Scan# 1855
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

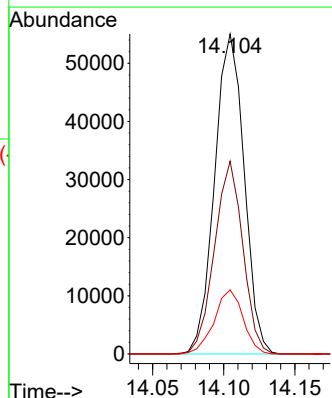
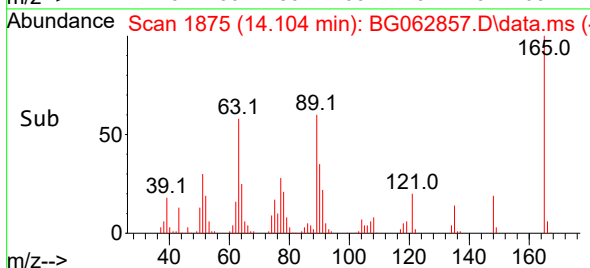
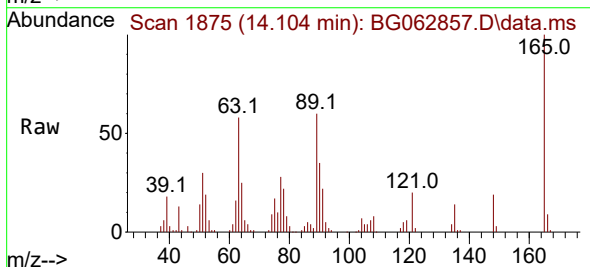
Instrument :
BNA_G
ClientSampleId :
SLCS398

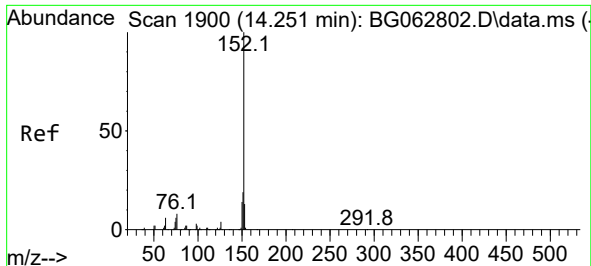
Tgt Ion:163 Resp: 393575
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 10.0 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 41.079 ng/ul
RT: 14.104 min Scan# 1875
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:165 Resp: 79441
Ion Ratio Lower Upper
165 100
89 60.2 47.4 71.0
121 20.1 17.0 25.6

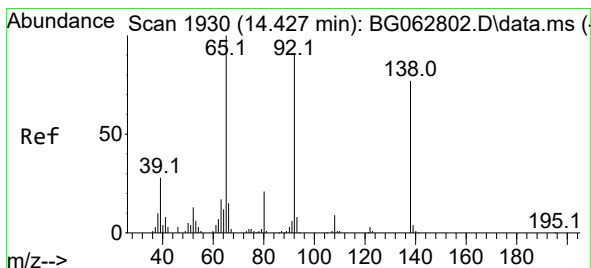
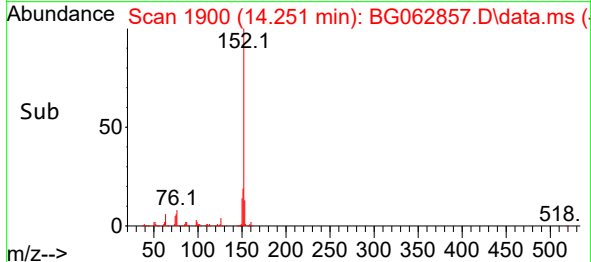
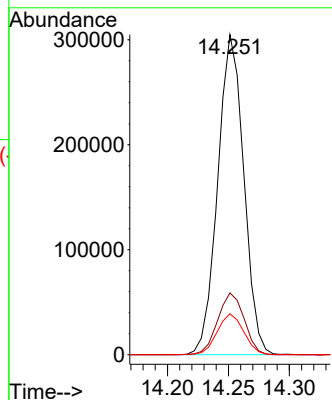
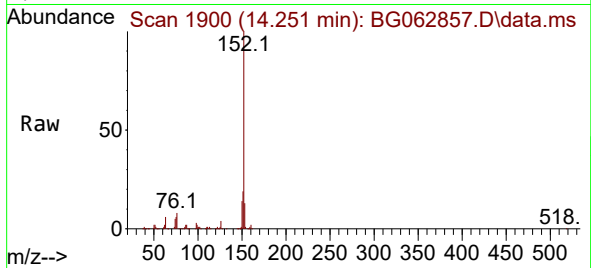




#50
Acenaphthylene
Concen: 36.247 ng/ul
RT: 14.251 min Scan# 1900
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

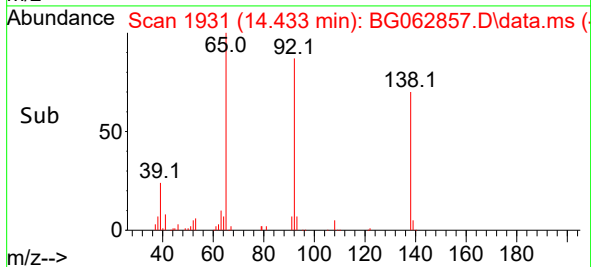
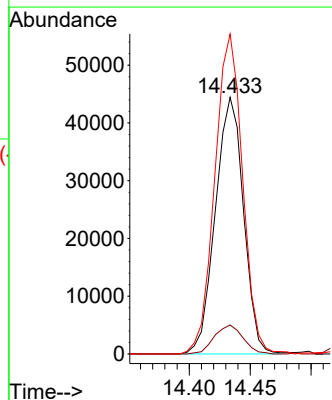
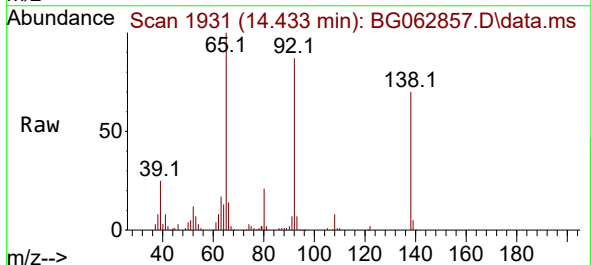
Instrument :
BNA_G
ClientSampleId :
SLCS398

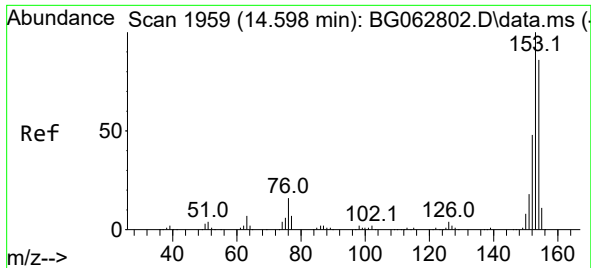
Tgt Ion:152 Resp: 453002
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 12.8 10.2 15.2



#51
3-Nitroaniline
Concen: 36.917 ng/ul
RT: 14.433 min Scan# 1931
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:138 Resp: 71477
Ion Ratio Lower Upper
138 100
108 11.3 7.7 11.5
92 124.7 92.6 138.8

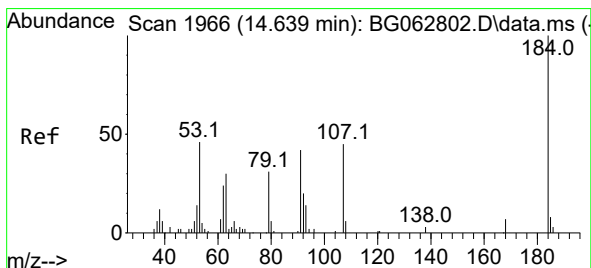
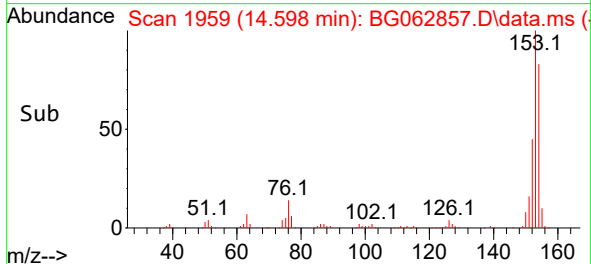
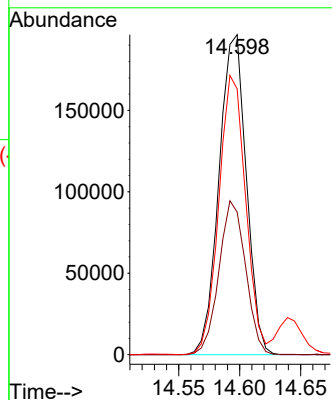
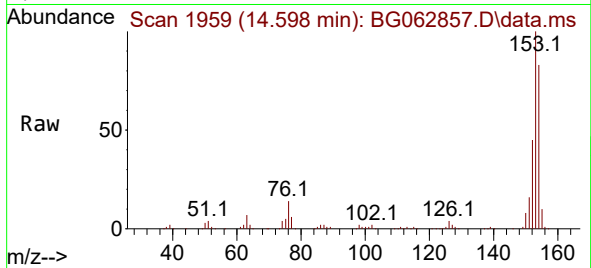




#52
Acenaphthene
Concen: 34.597 ng/ul
RT: 14.598 min Scan# 1959
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

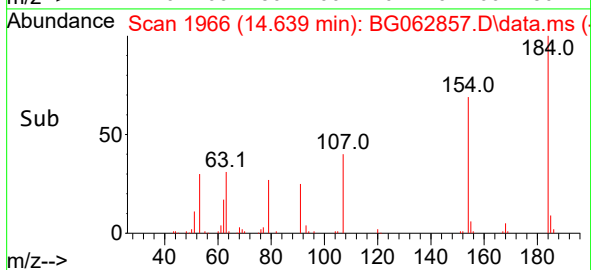
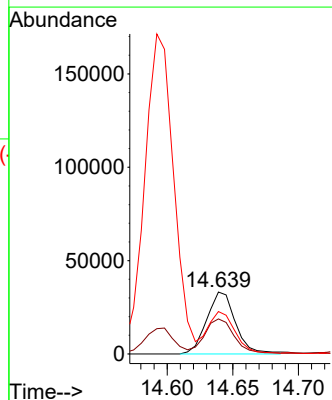
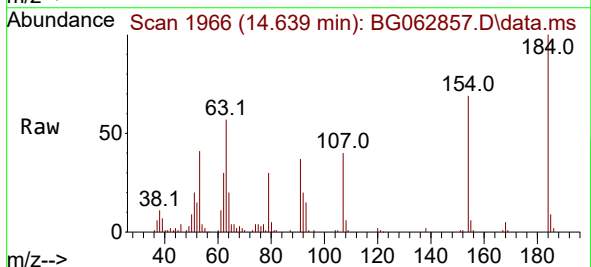
Instrument :
BNA_G
ClientSampleId :
SLCS398

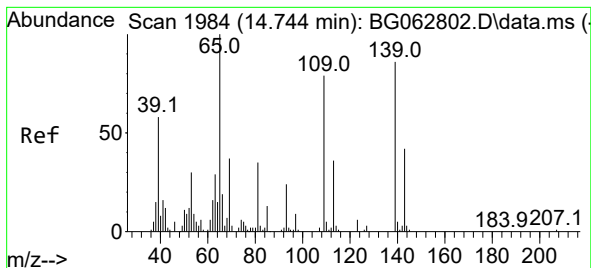
Tgt Ion:153 Resp: 306270
Ion Ratio Lower Upper
153 100
152 44.6 37.2 55.8
154 83.0 67.8 101.6



#53
2,4-Dinitrophenol
Concen: 39.738 ng/ul
RT: 14.639 min Scan# 1966
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:184 Resp: 50745
Ion Ratio Lower Upper
184 100
63 56.6 49.0 73.4
154 68.5 50.4 75.6

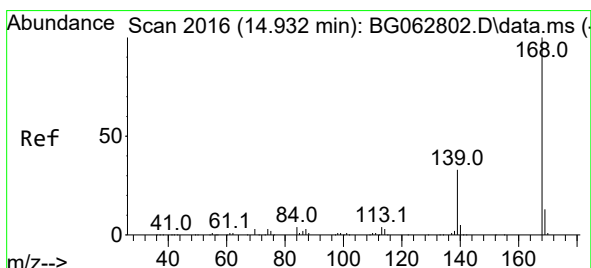
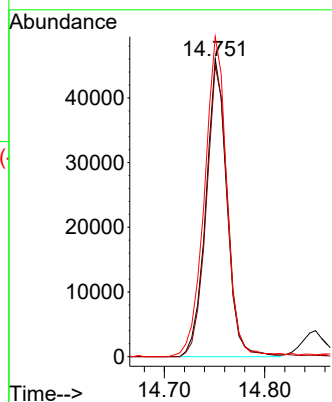
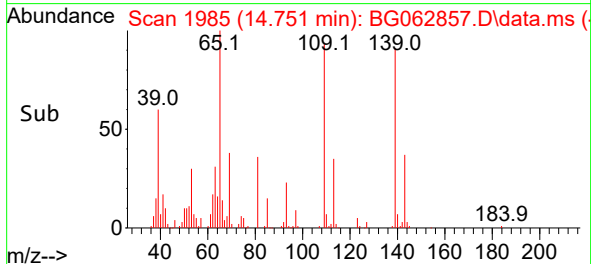
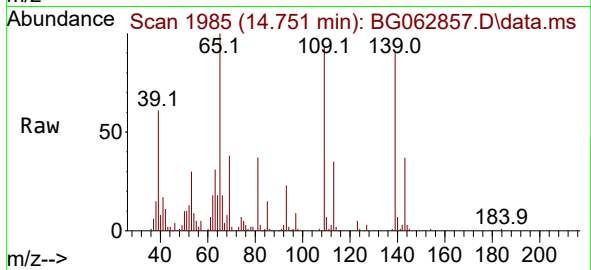




#55
4-Nitrophenol
Concen: 41.204 ng/ul
RT: 14.751 min Scan# 1984
Delta R.T. 0.007 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

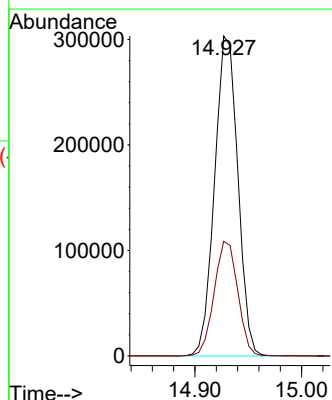
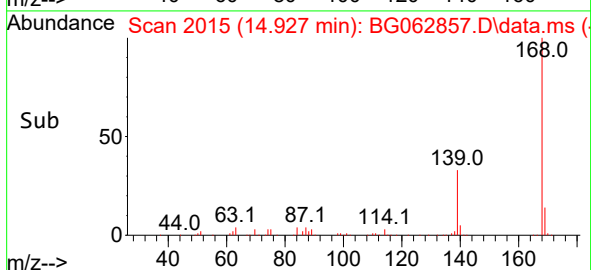
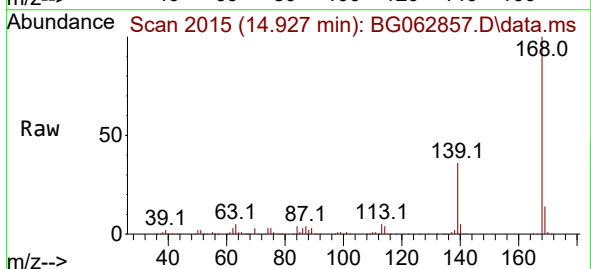
Instrument :
BNA_G
ClientSampleId :
SLCS398

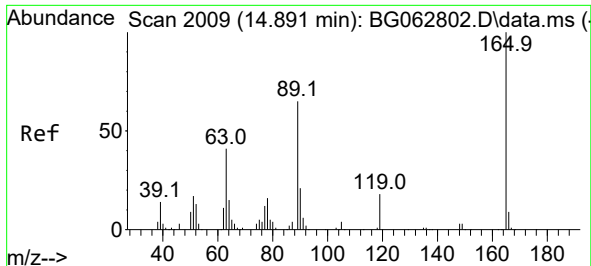
Tgt Ion:109 Resp: 67063
Ion Ratio Lower Upper
109 100
139 97.7 92.5 138.7
65 107.4 97.8 146.8



#56
Dibenzofuran
Concen: 34.899 ng/ul
RT: 14.927 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:168 Resp: 458955
Ion Ratio Lower Upper
168 100
139 35.8 27.6 41.4

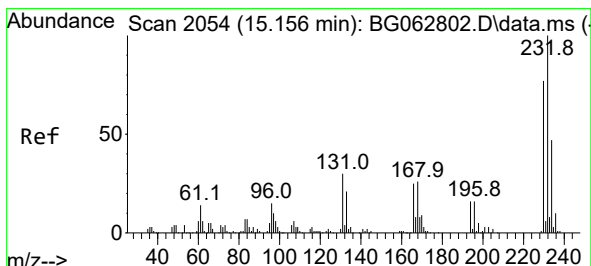
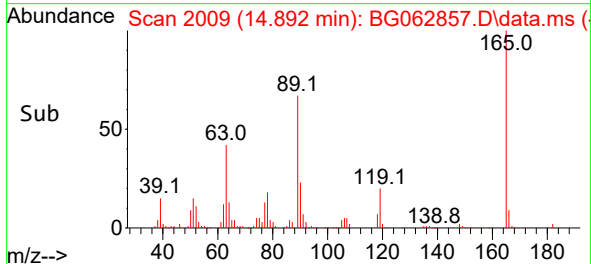
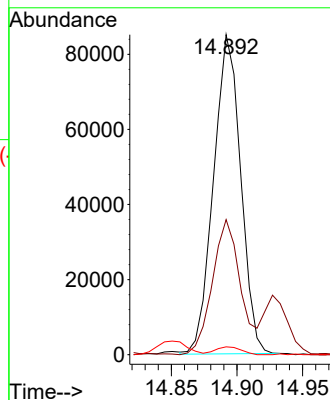
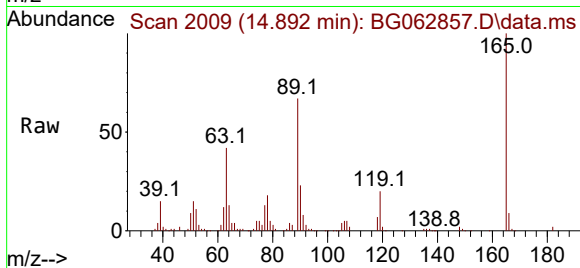




#57
2,4-Dinitrotoluene
Concen: 40.413 ng/ul
RT: 14.892 min Scan# 2009
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

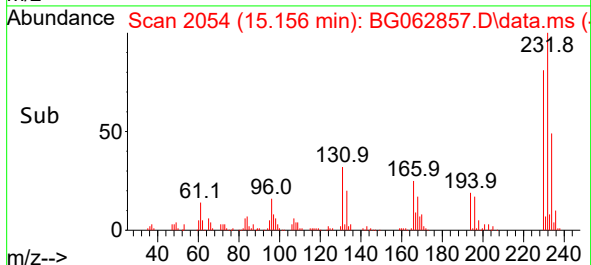
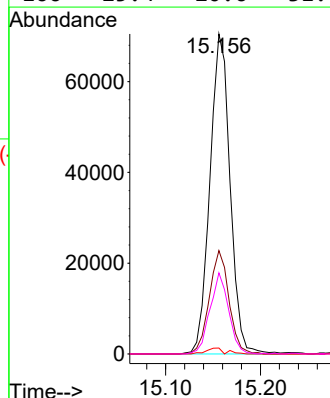
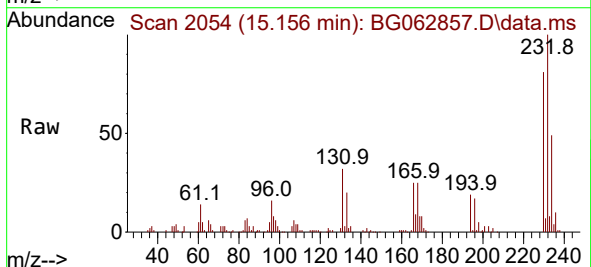
Instrument :
BNA_G
ClientSampleId :
SLCS398

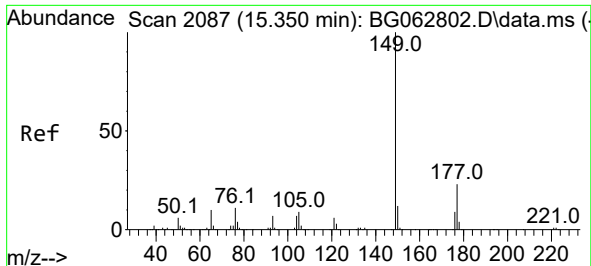
Tgt Ion:165 Resp: 122193
Ion Ratio Lower Upper
165 100
63 42.2 33.8 50.8
182 2.5 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.229 ng/ul
RT: 15.156 min Scan# 2054
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:232 Resp: 104208
Ion Ratio Lower Upper
232 100
131 32.3 26.6 40.0
130 1.9 1.6 2.4
166 25.4 20.6 31.0

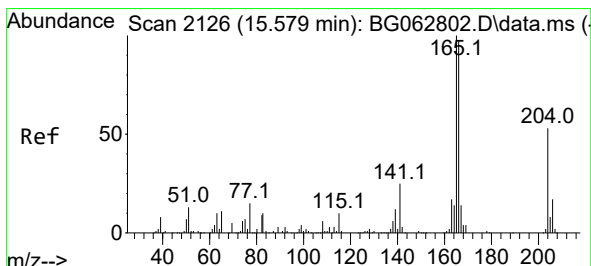
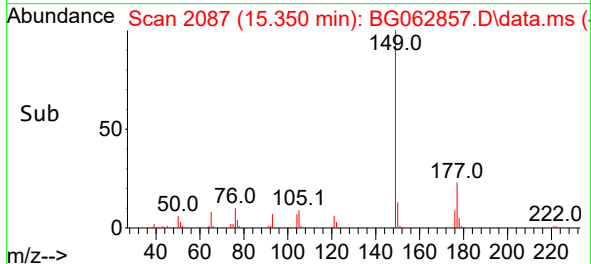
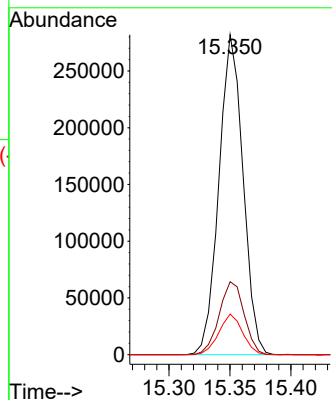
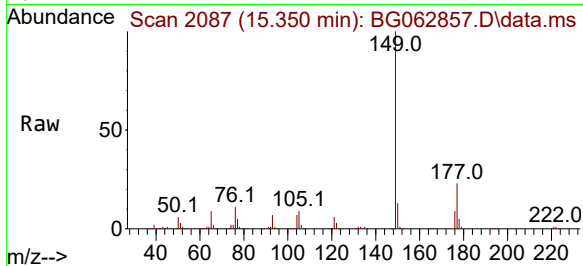




#59
Diethylphthalate
Concen: 35.769 ng/ul
RT: 15.350 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

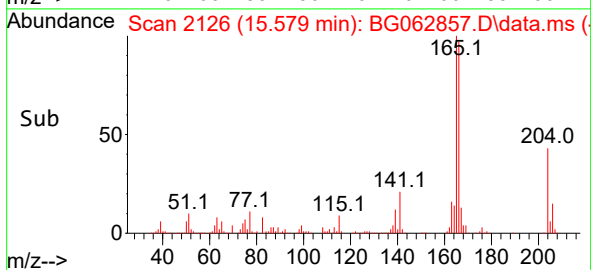
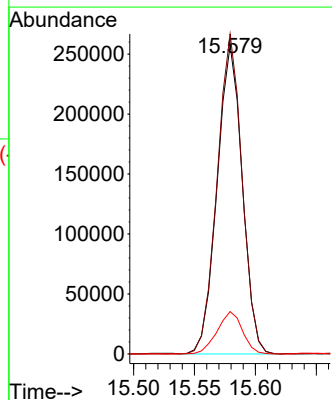
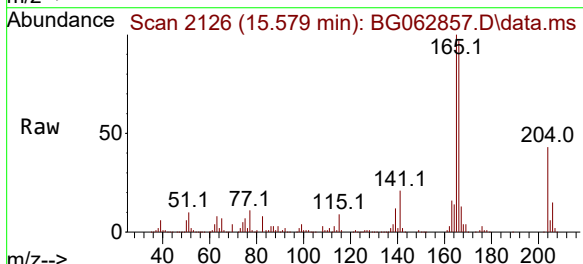
Instrument :
BNA_G
ClientSampleId :
SLCS398

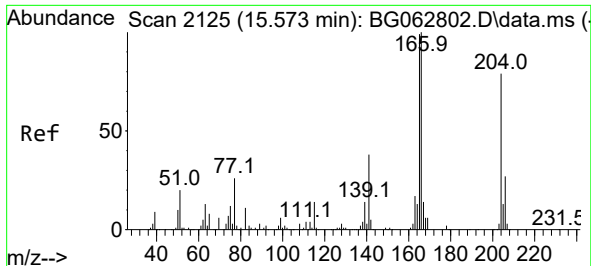
Tgt Ion:149 Resp: 387333
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.7 9.7 14.5



#61
Fluorene
Concen: 35.807 ng/ul
RT: 15.579 min Scan# 2126
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:166 Resp: 369926
Ion Ratio Lower Upper
166 100
165 103.6 80.9 121.3
167 13.7 10.9 16.3

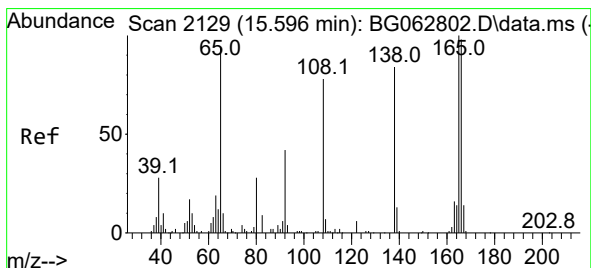
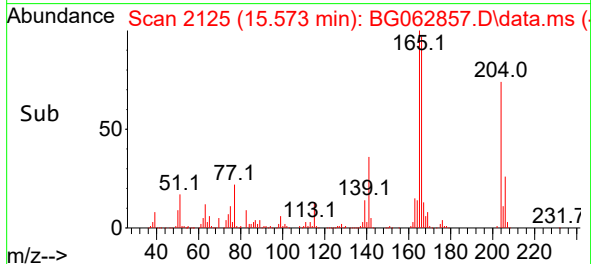
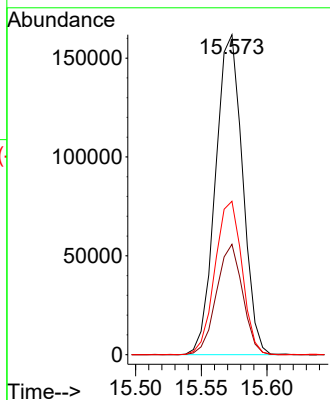
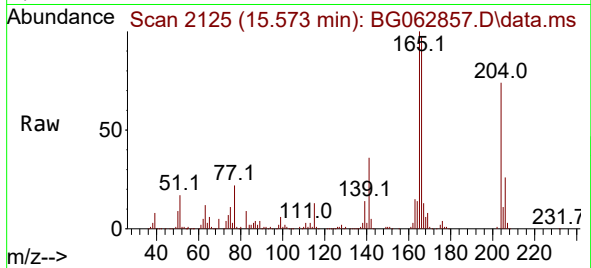




#62
4-Chlorophenyl-phenylether
Concen: 38.345 ng/ul
RT: 15.573 min Scan# 2125
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

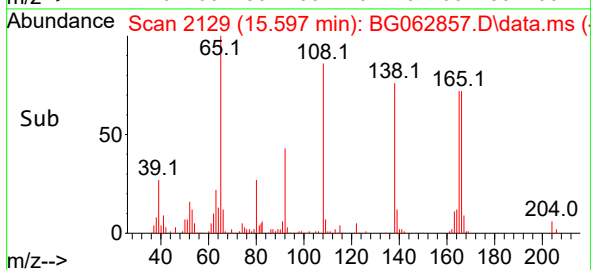
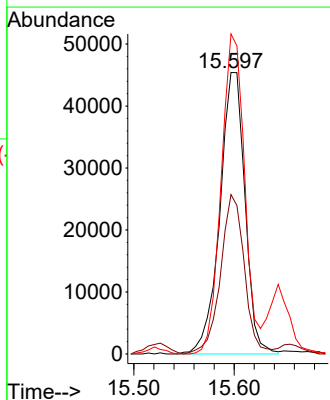
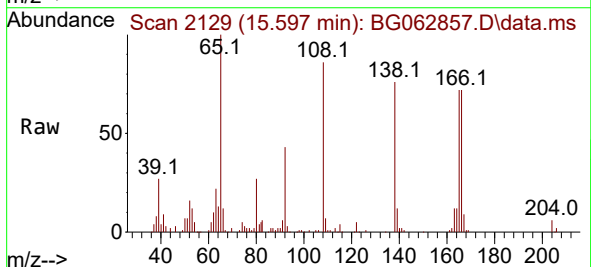
Instrument :
BNA_G
ClientSampleId :
SLCS398

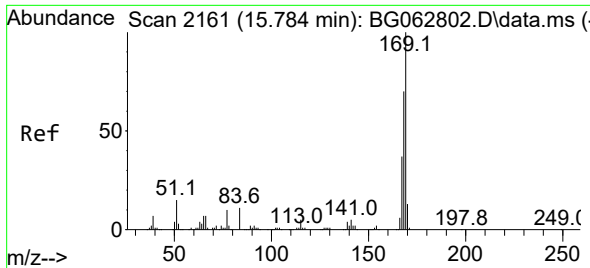
Tgt Ion:204 Resp: 232368
Ion Ratio Lower Upper
204 100
206 34.5 25.3 37.9
141 48.0 37.4 56.0



#63
4-Nitroaniline
Concen: 37.935 ng/ul
RT: 15.597 min Scan# 2129
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:138 Resp: 79037
Ion Ratio Lower Upper
138 100
92 56.6 42.8 64.2
108 113.7 71.0 106.4#

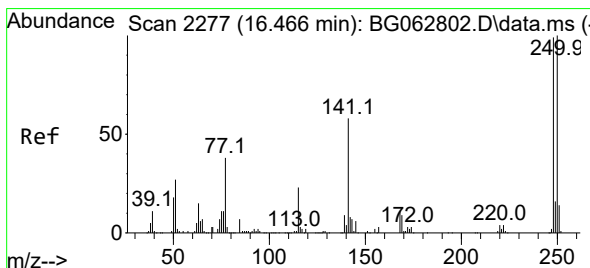
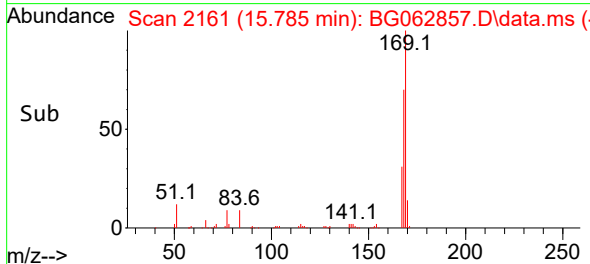
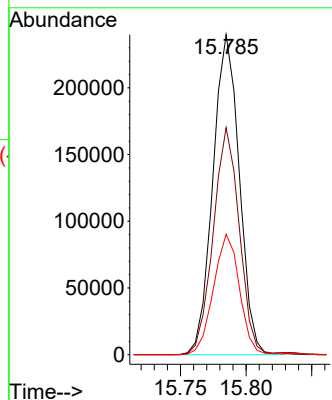
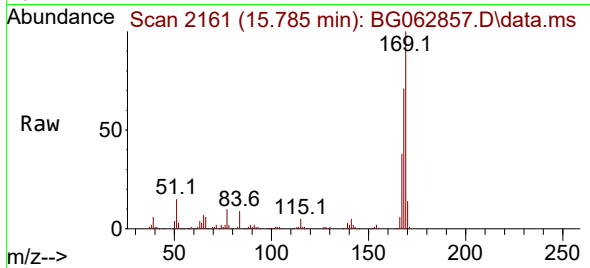




#67
N-Nitrosodiphenylamine
Concen: 21.197 ng/ul
RT: 15.785 min Scan# 2161
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

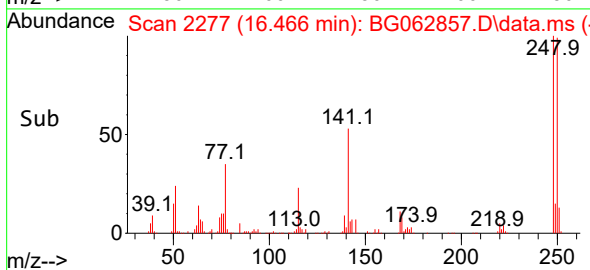
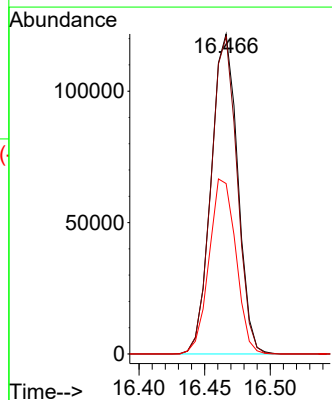
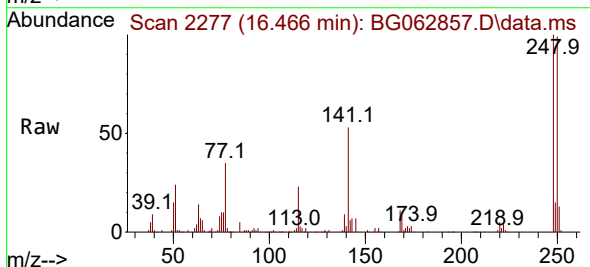
Instrument :
BNA_G
ClientSampleId :
SLCS398

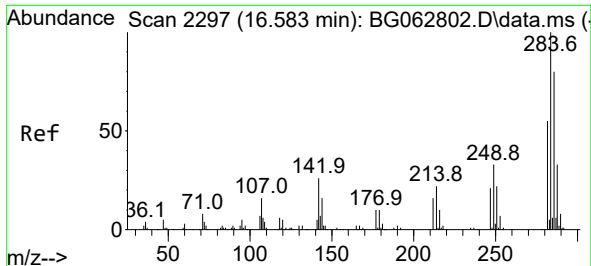
Tgt Ion:169 Resp: 335289
Ion Ratio Lower Upper
169 100
168 71.0 55.7 83.5
167 37.6 28.9 43.3



#68
4-Bromophenyl-phenylether
Concen: 24.034 ng/ul
RT: 16.466 min Scan# 2277
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:248 Resp: 170572
Ion Ratio Lower Upper
248 100
250 99.1 77.9 116.9
141 53.3 47.9 71.9

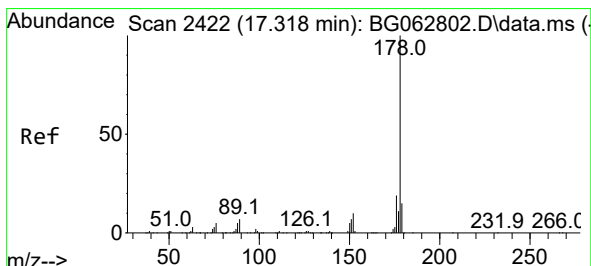
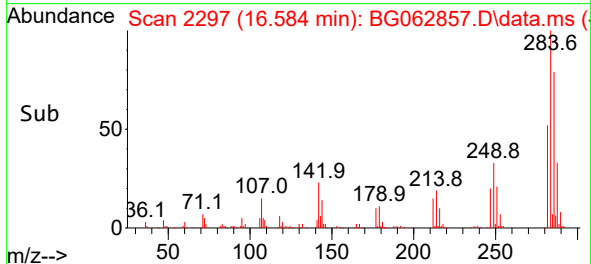
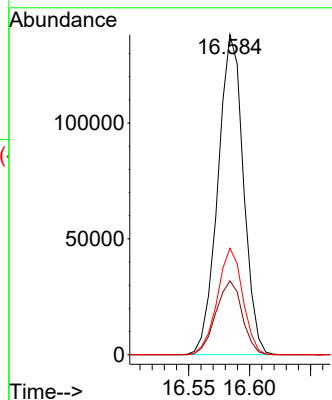
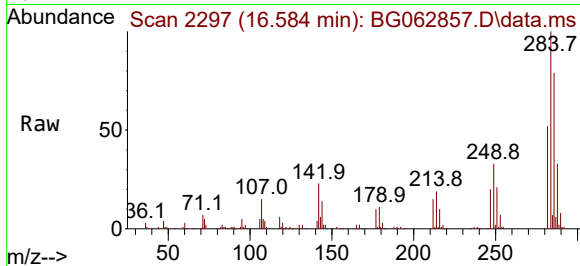




#69
Hexachlorobenzene
Concen: 24.814 ng/ul
RT: 16.584 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

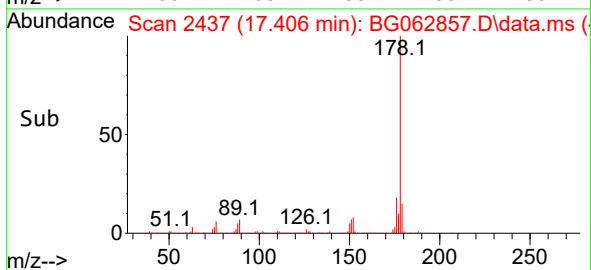
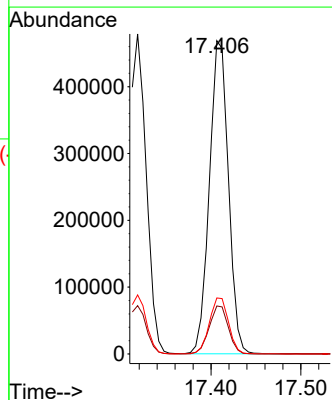
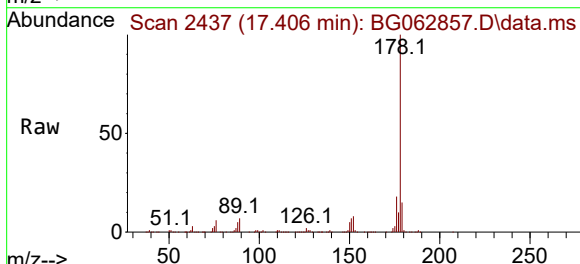
Instrument :
BNA_G
ClientSampleId :
SLCS398

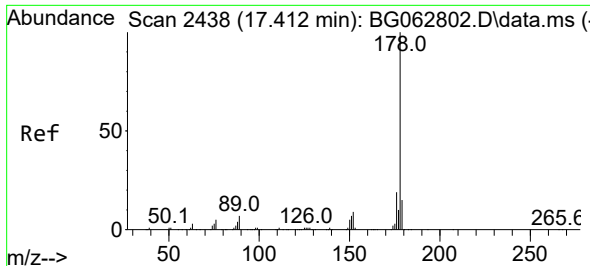
Tgt Ion:284 Resp: 201077
Ion Ratio Lower Upper
284 100
142 23.0 18.6 27.8
249 33.3 23.7 35.5



#72
Phenanthrene
Concen: 21.499 ng/ul
RT: 17.406 min Scan# 2437
Delta R.T. 0.083 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:178 Resp: 689526
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 17.9 14.9 22.3

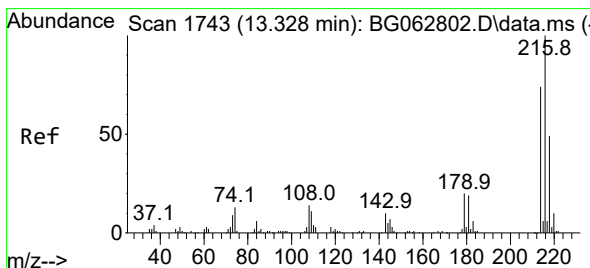
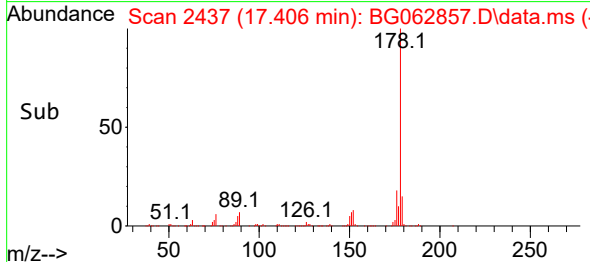
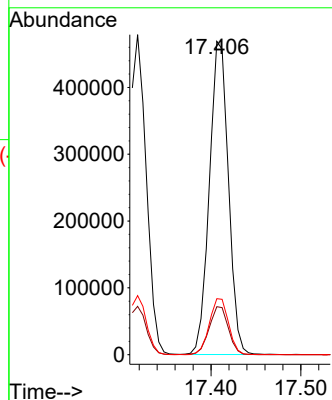
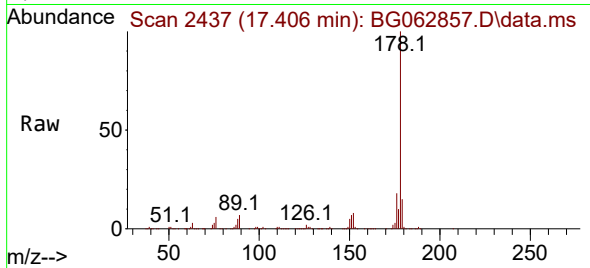




#74
 Anthracene
 Concen: 21.071 ng/ul
 RT: 17.406 min Scan# 2438
 Delta R.T. -0.005 min
 Lab File: BG062857.D
 Acq: 15 Sep 2024 22:08

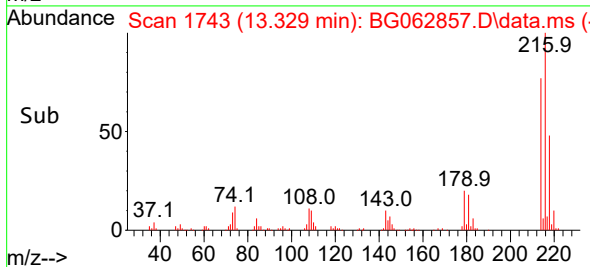
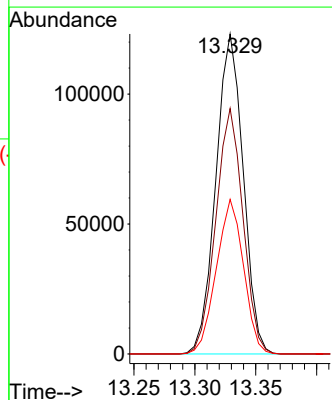
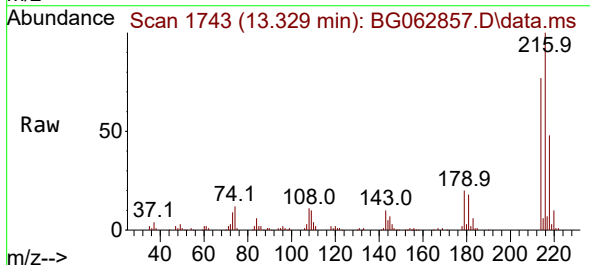
Instrument :
 BNA_G
 ClientSampleId :
 SLCS398

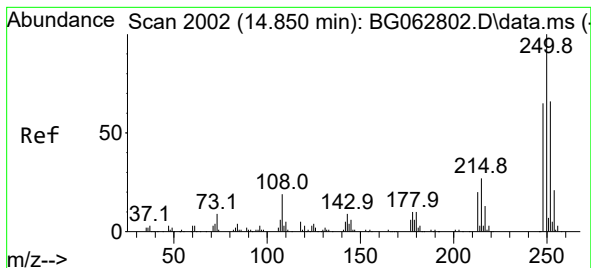
Tgt Ion:178	Resp: 688963
Ion Ratio	Lower Upper
178	100
179	15.3 12.4 18.6
176	17.9 14.4 21.6



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 22.843 ng/ul
 RT: 13.329 min Scan# 1743
 Delta R.T. -0.005 min
 Lab File: BG062857.D
 Acq: 15 Sep 2024 22:08

Tgt Ion:216	Resp: 192396
Ion Ratio	Lower Upper
216	100
214	76.7 61.5 92.3
218	48.3 38.0 57.0

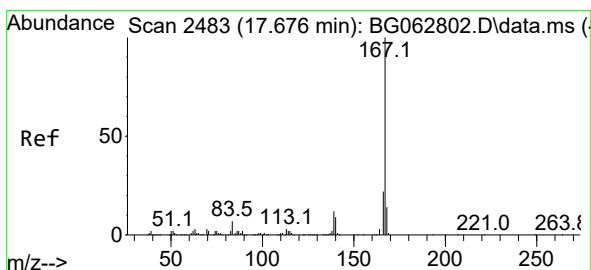
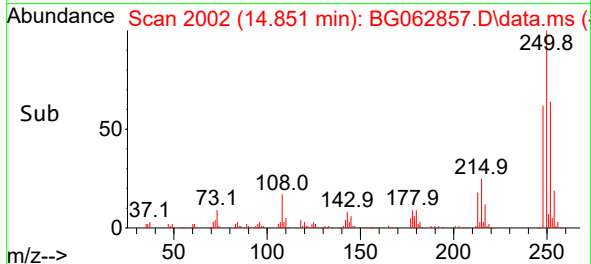
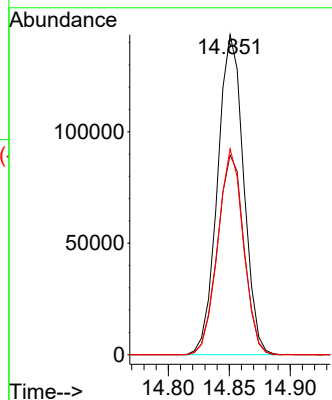
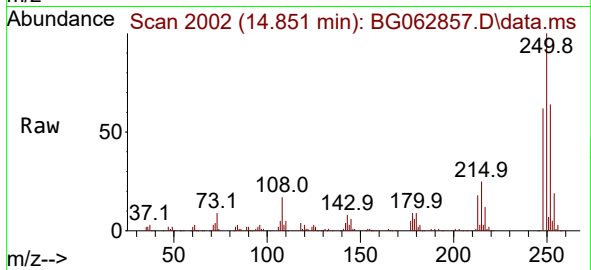




#76
Pentachlorobenzene
Concen: 22.844 ng/ul
RT: 14.851 min Scan# 2002
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

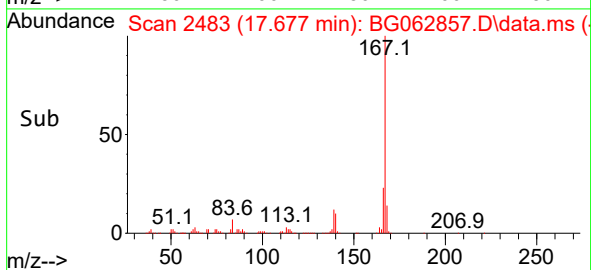
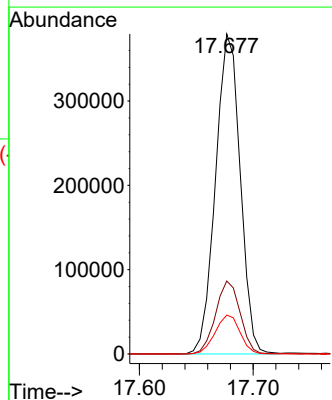
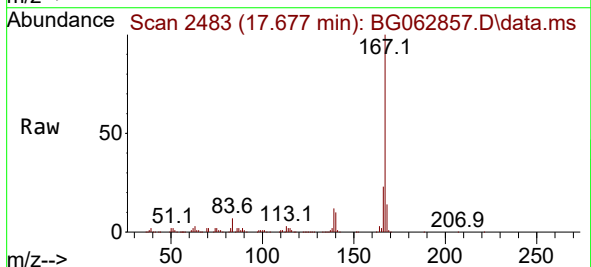
Instrument :
BNA_G
ClientSampleId :
SLCS398

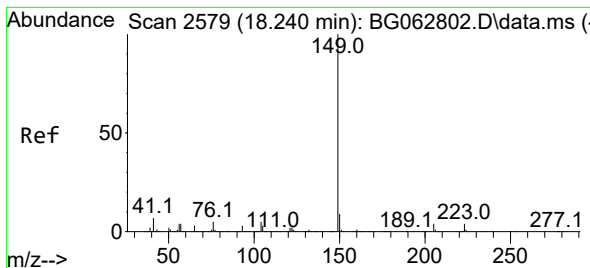
Tgt Ion:250 Resp: 213214
Ion Ratio Lower Upper
250 100
248 62.4 51.5 77.3
252 64.3 50.8 76.2



#77
Carbazole
Concen: 21.130 ng/ul
RT: 17.677 min Scan# 2483
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:167 Resp: 572921
Ion Ratio Lower Upper
167 100
166 22.8 17.2 25.8
139 12.2 9.0 13.6





#78

Di-n-butylphthalate

Concen: 21.103 ng/ul

RT: 18.241 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG062857.D

Acq: 15 Sep 2024 22:08

Instrument :

BNA_G

ClientSampleId :

SLCS398

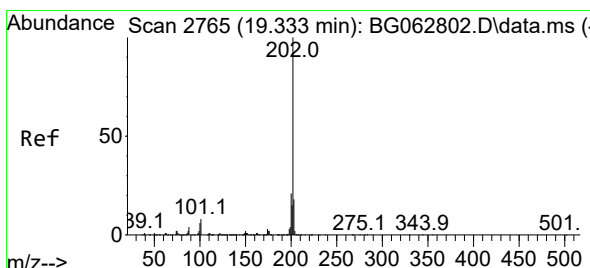
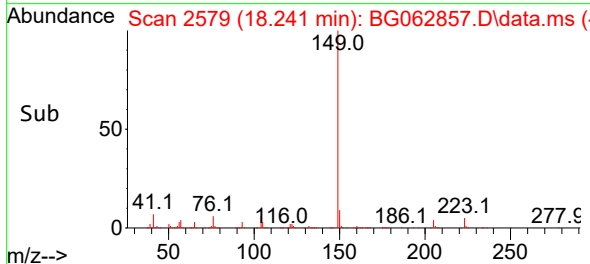
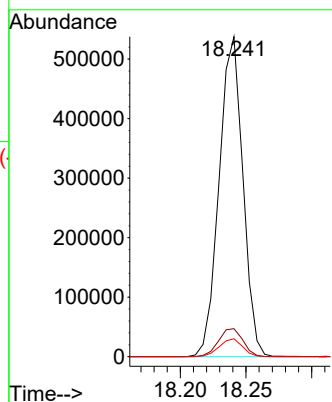
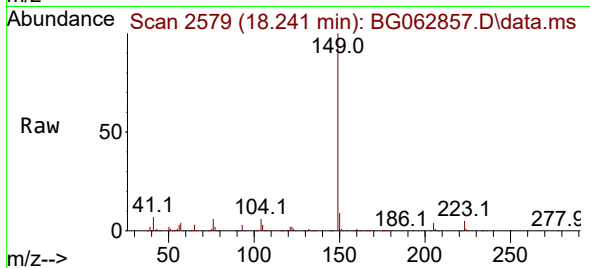
Tgt Ion:149 Resp: 676710

Ion Ratio Lower Upper

149 100

150 8.7 7.0 10.6

104 5.6 4.1 6.1



#80

Fluoranthene

Concen: 35.656 ng/ul

RT: 19.334 min Scan# 2765

Delta R.T. 0.001 min

Lab File: BG062857.D

Acq: 15 Sep 2024 22:08

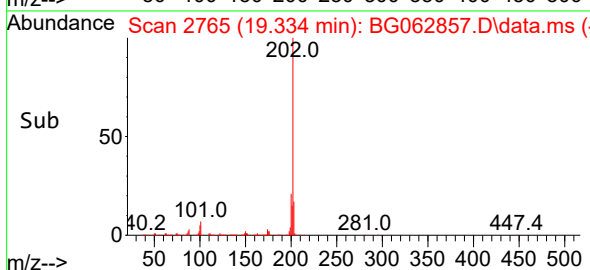
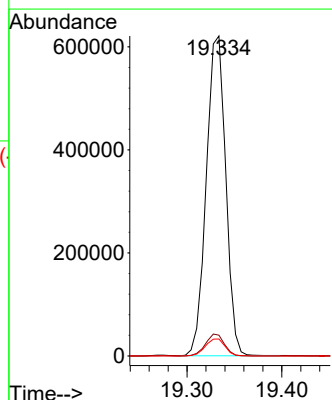
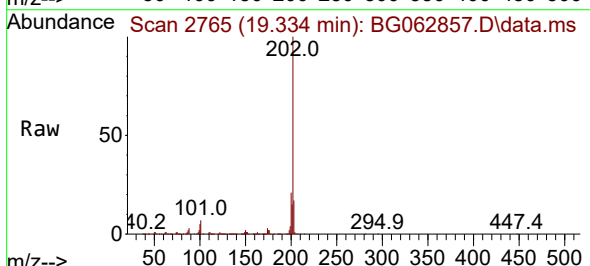
Tgt Ion:202 Resp: 885627

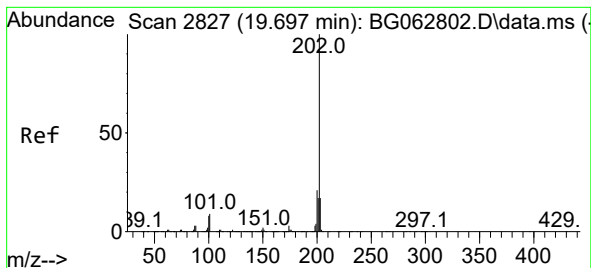
Ion Ratio Lower Upper

202 100

101 6.5 6.6 10.0#

100 5.3 5.3 7.9





#82

Pyrene

Concen: 34.132 ng/ul

RT: 19.692 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG062857.D

Acq: 15 Sep 2024 22:08

Instrument :

BNA_G

ClientSampleId :

SLCS398

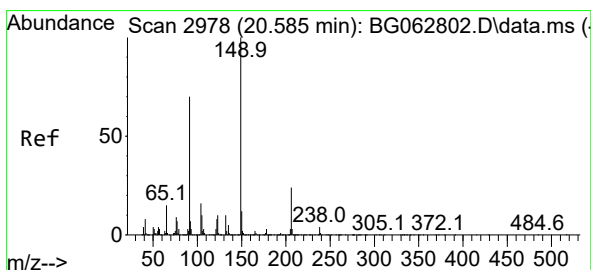
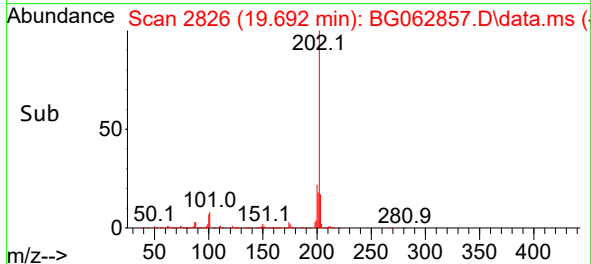
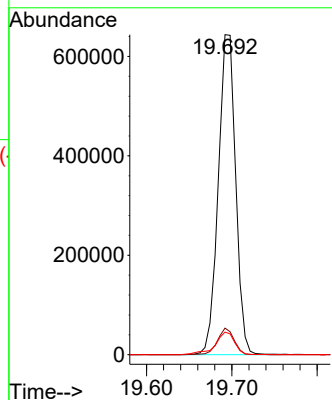
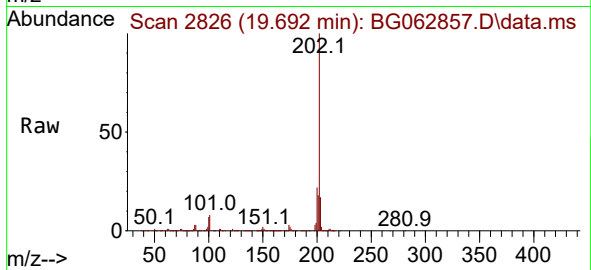
Tgt Ion:202 Resp: 912574

Ion Ratio Lower Upper

202 100

101 8.3 7.7 11.5

100 7.0 6.5 9.7



#83

Butylbenzylphthalate

Concen: 38.216 ng/ul

RT: 20.585 min Scan# 2978

Delta R.T. -0.005 min

Lab File: BG062857.D

Acq: 15 Sep 2024 22:08

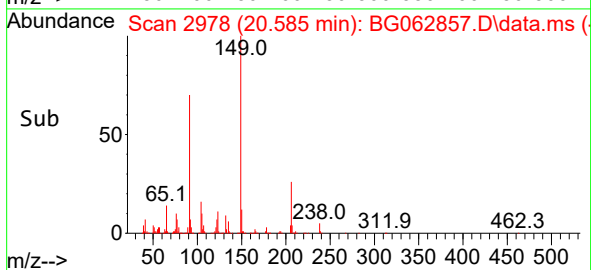
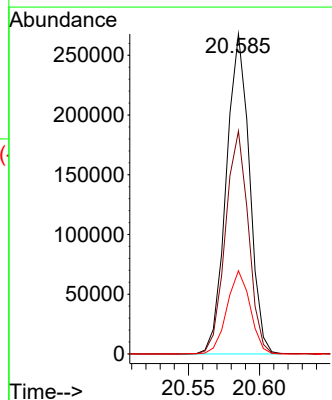
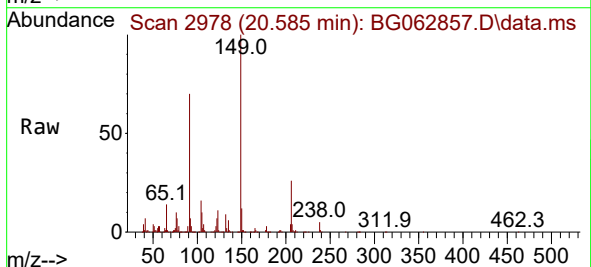
Tgt Ion:149 Resp: 303321

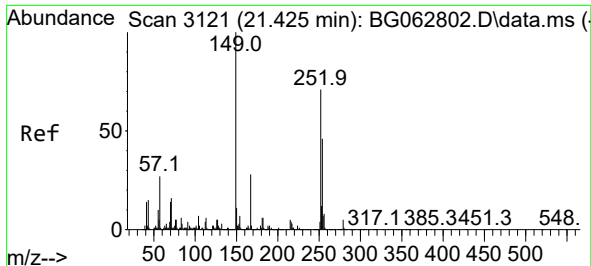
Ion Ratio Lower Upper

149 100

91 69.7 57.3 85.9

206 26.0 20.4 30.6

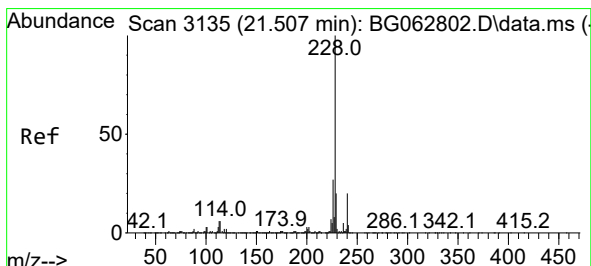
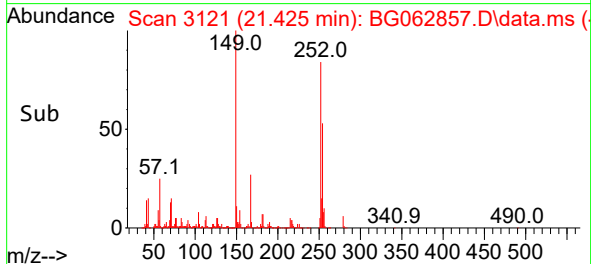
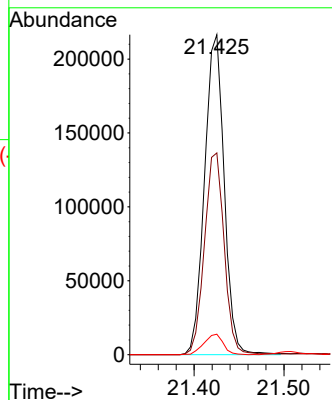
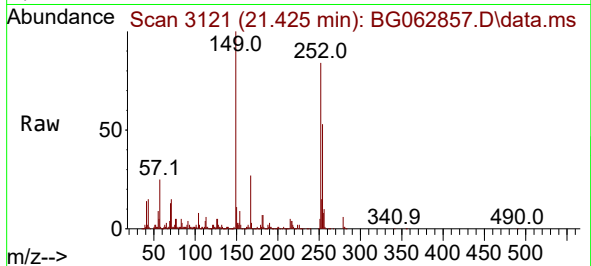




#84
3,3'-Dichlorobenzidine
Concen: 39.220 ng/ul
RT: 21.425 min Scan# 3121
Delta R.T. 0.001 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

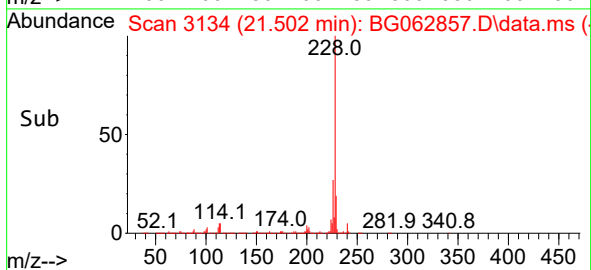
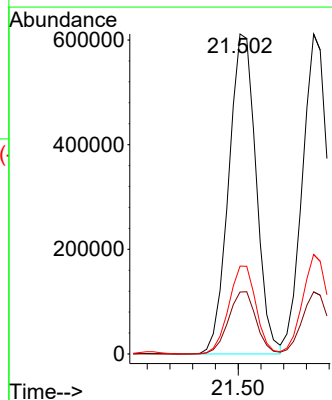
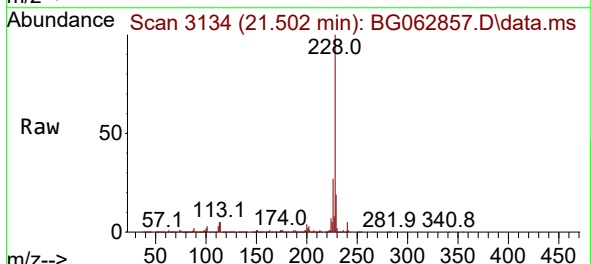
Instrument :
BNA_G
ClientSampleId :
SLCS398

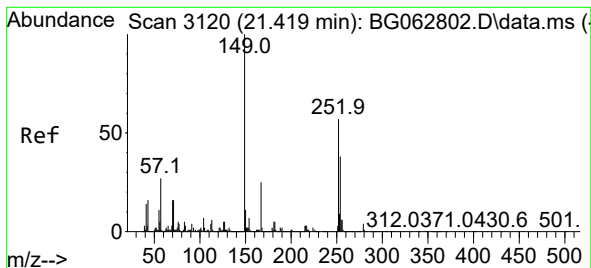
Tgt Ion:252 Resp: 329070
Ion Ratio Lower Upper
252 100
254 63.1 51.8 77.6
126 6.4 6.0 9.0



#85
Benzo(a)anthracene
Concen: 36.848 ng/ul
RT: 21.502 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BG062857.D
Acq: 15 Sep 2024 22:08

Tgt Ion:228 Resp: 1021348
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.8
226 27.5 21.6 32.4

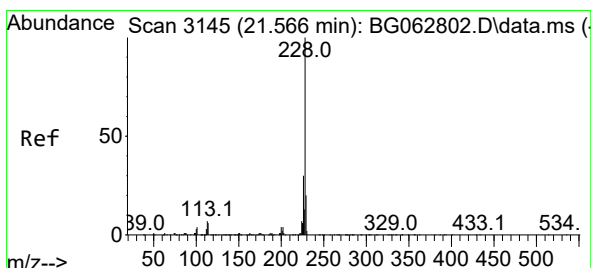
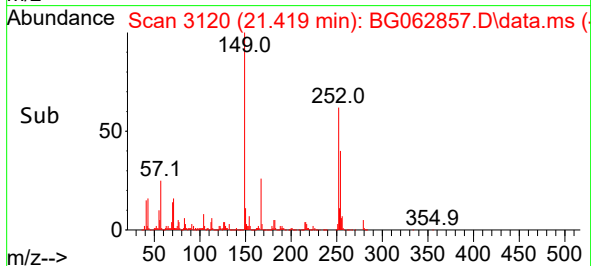
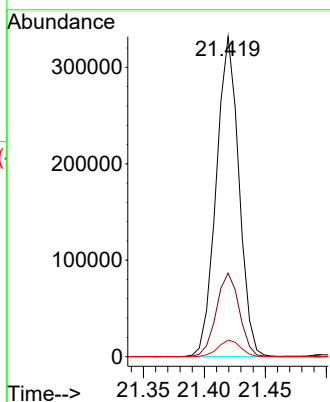
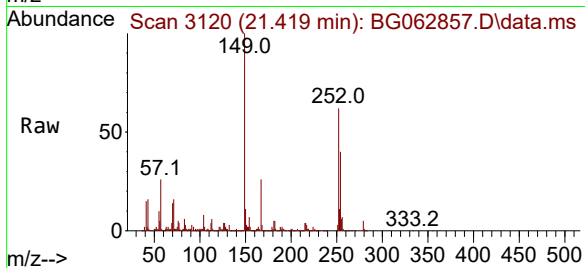




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 36.769 ng/ul
 RT: 21.419 min Scan# 3120
 Delta R.T. -0.005 min
 Lab File: BG062857.D
 Acq: 15 Sep 2024 22:08

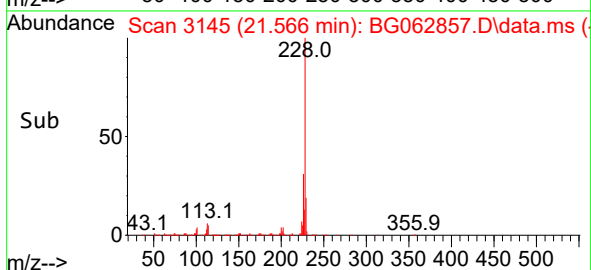
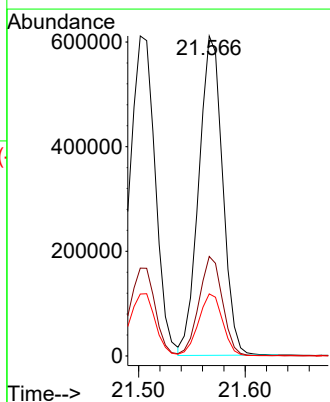
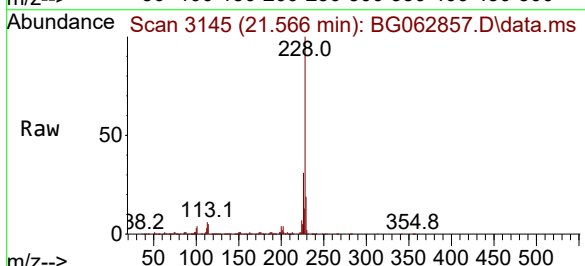
Instrument :
 BNA_G
 ClientSampleId :
 SLCS398

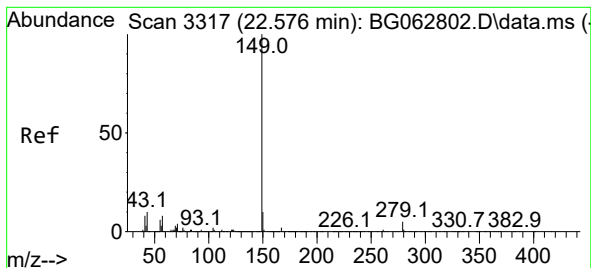
Tgt Ion:149 Resp: 429709
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 5.2 3.8 5.6



#87
 Chrysene
 Concen: 36.087 ng/ul
 RT: 21.566 min Scan# 3145
 Delta R.T. -0.005 min
 Lab File: BG062857.D
 Acq: 15 Sep 2024 22:08

Tgt Ion:228 Resp: 948957
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.2 36.2
 229 19.4 15.4 23.0





#89

Di-n-octyl phthalate

Concen: 36.451 ng/ul

RT: 22.571 min Scan# 3317

Delta R.T. -0.011 min

Lab File: BG062857.D

Acq: 15 Sep 2024 22:08

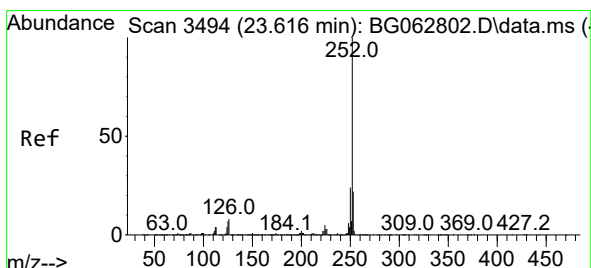
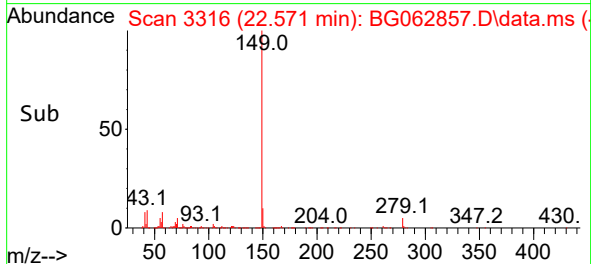
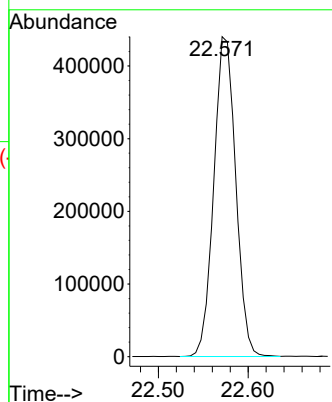
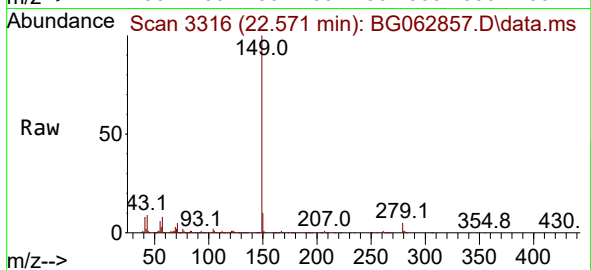
Instrument :

BNA_G

ClientSampleId :

SLCS398

Tgt Ion:149 Resp: 746444



#90

Benzo(b)fluoranthene

Concen: 38.083 ng/ul

RT: 23.617 min Scan# 3494

Delta R.T. -0.005 min

Lab File: BG062857.D

Acq: 15 Sep 2024 22:08

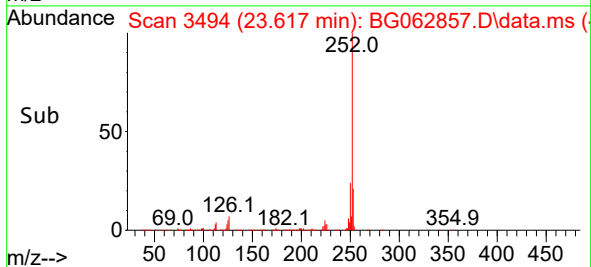
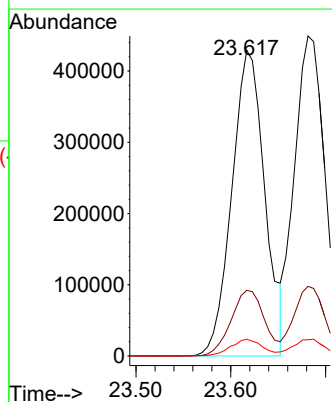
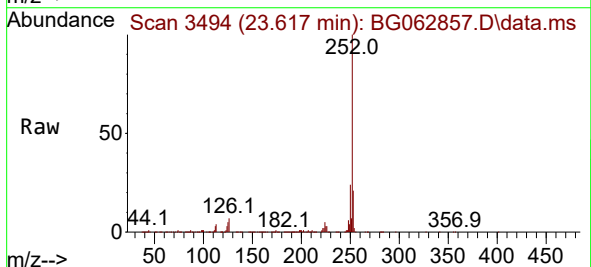
Tgt Ion:252 Resp: 1035127

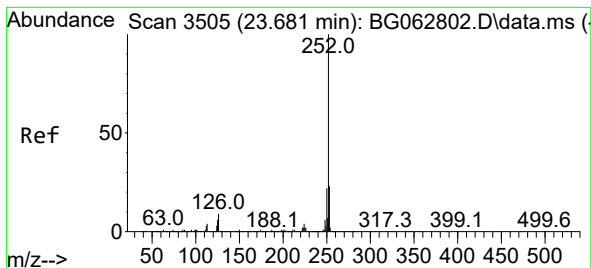
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 5.5 5.4 8.0





#91

Benzo(k)fluoranthene

Concen: 36.271 ng/ul

RT: 23.681 min Scan# 3505

Delta R.T. -0.005 min

Lab File: BG062857.D

Acq: 15 Sep 2024 22:08

Instrument :

BNA_G

ClientSampleId :

SLCS398

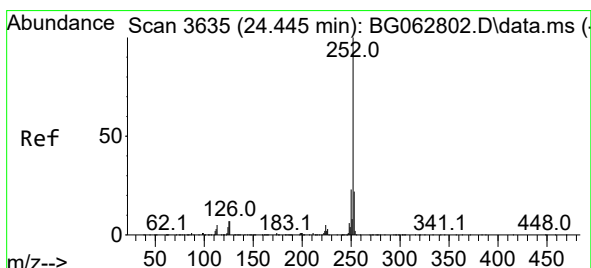
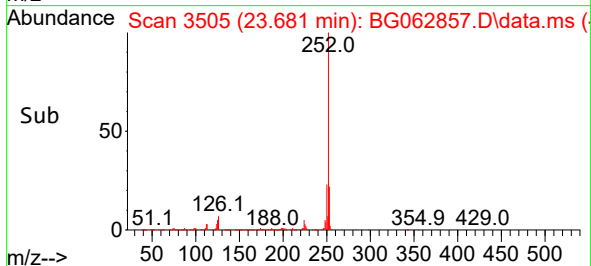
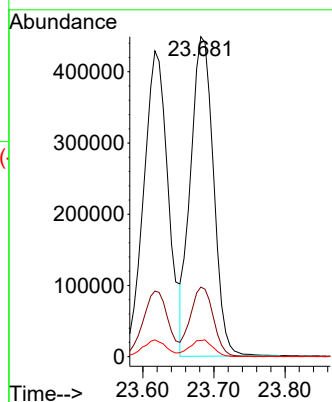
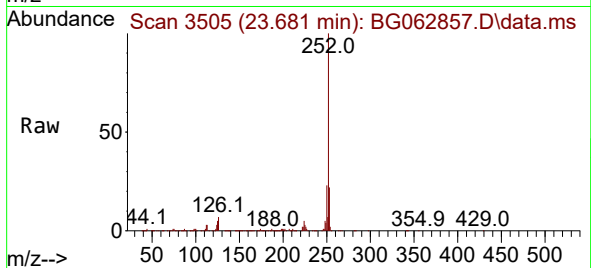
Tgt Ion:252 Resp: 1009492

Ion Ratio Lower Upper

252 100

253 21.8 16.9 25.3

125 5.1 5.7 8.5#



#93

Benzo(a)pyrene

Concen: 35.687 ng/ul

RT: 24.445 min Scan# 3635

Delta R.T. 0.001 min

Lab File: BG062857.D

Acq: 15 Sep 2024 22:08

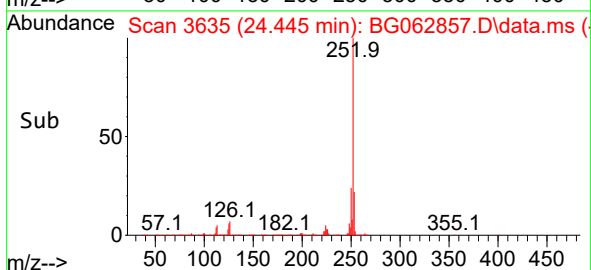
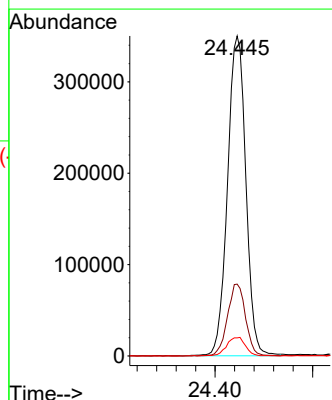
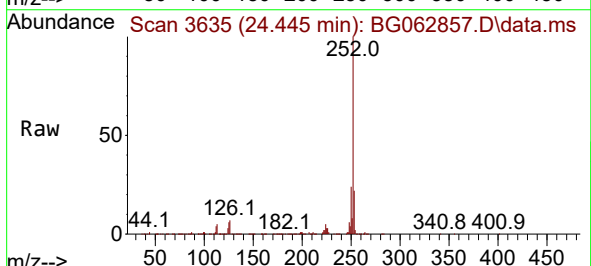
Tgt Ion:252 Resp: 914914

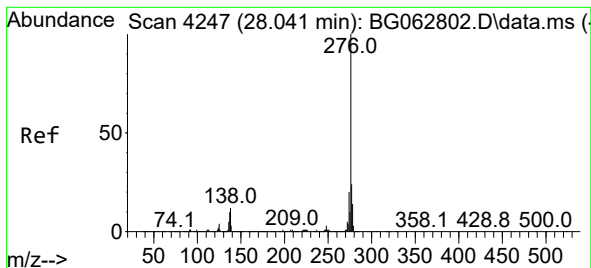
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 5.7 6.1 9.1#





#94

Indeno(1,2,3-cd)pyrene

Concen: 38.705 ng/ul

RT: 28.047 min Scan# 41

Delta R.T. 0.001 min

Lab File: BG062857.D

Acq: 15 Sep 2024 22:08

Instrument :

BNA_G

ClientSampleId :

SLCS398

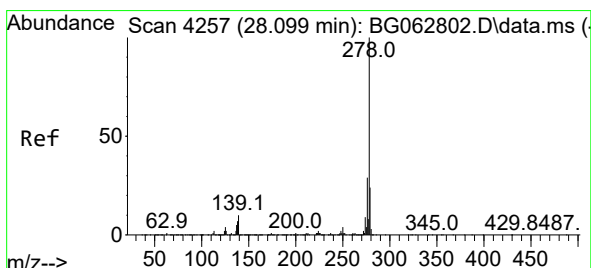
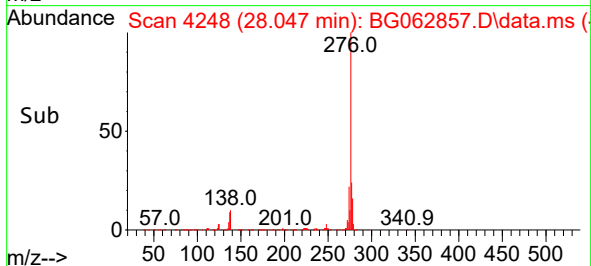
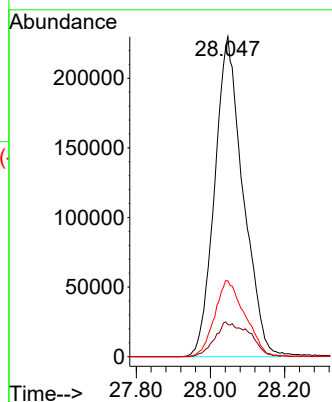
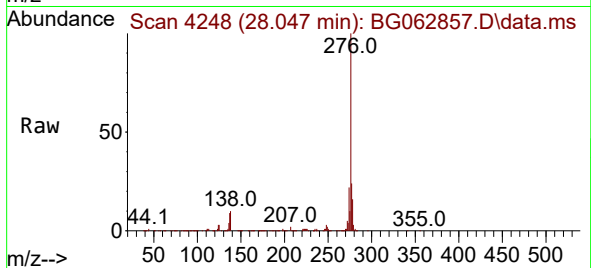
Tgt Ion:276 Resp: 1222602

Ion Ratio Lower Upper

276 100

138 10.1 11.4 17.2#

277 23.7 18.9 28.3



#95

Dibenzo(a,h)anthracene

Concen: 39.372 ng/ul

RT: 28.100 min Scan# 4257

Delta R.T. 0.001 min

Lab File: BG062857.D

Acq: 15 Sep 2024 22:08

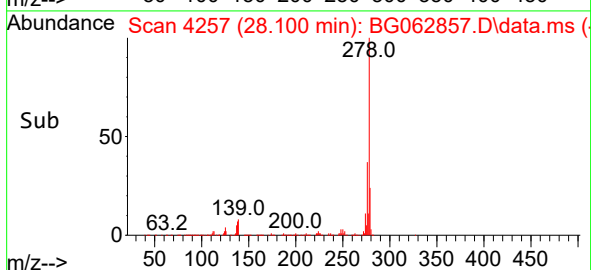
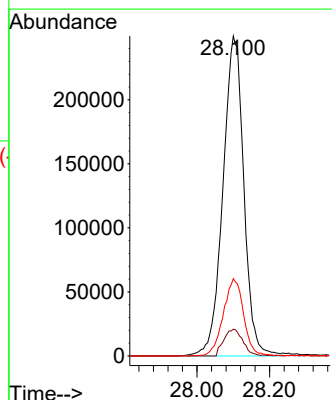
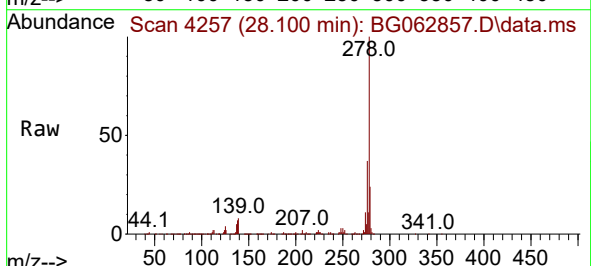
Tgt Ion:278 Resp: 998951

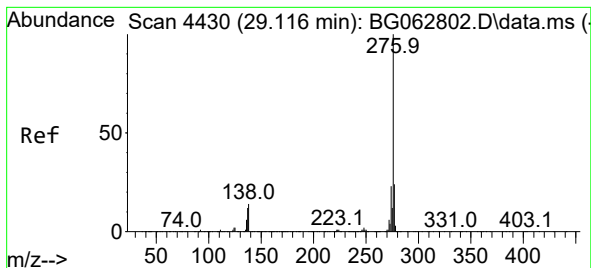
Ion Ratio Lower Upper

278 100

139 8.3 7.8 11.8

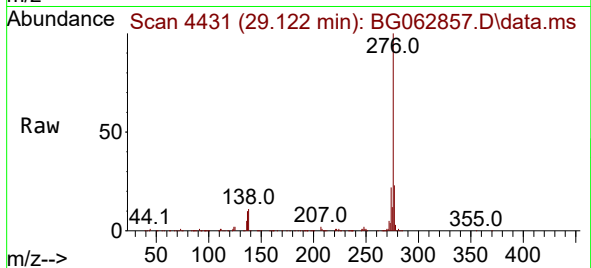
279 24.1 18.6 28.0





#96
 Benzo(g,h,i)perylene
 Concen: 39.272 ng/ul
 RT: 29.122 min Scan# 4431
 Delta R.T. -0.005 min
 Lab File: BG062857.D
 Acq: 15 Sep 2024 22:08

Instrument :
 BNA_G
 ClientSampleId :
 SLCS398



Tgt Ion:276 Resp: 958085
 Ion Ratio Lower Upper
 276 100
 138 11.3 11.8 17.6#
 277 23.1 18.4 27.6

