

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062843.D
 Acq On : 15 Sep 2024 12:21
 Operator : JU/RC
 Sample : PB163400BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS400

Quant Time: Sep 15 23:03:08 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	7.903	152	37712	20.000	ng/ul	0.00
20) Naphthalene-d8	10.694	136	165192	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.530	164	137809	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.274	188	369892	20.000	ng/ul	0.00
79) Chrysene-d12	21.522	240	395706	20.000	ng/ul	0.00
88) Perylene-d12	24.583	264	433611	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	5951	7.133	ng/uL	0.00
4) Pyridine-d5	3.767	84	85005	32.010	ng/ul	0.00
7) Phenol-d5	7.069	99	113130	34.210	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.233	67	62424	31.486	ng/ul	0.00
11) 2-Chlorophenol-d4	7.433	132	84492	35.077	ng/ul	0.00
15) 4-Methylphenol-d8	8.608	113	99064	35.948	ng/ul	0.00
21) Nitrobenzene-d5	9.054	128	47395	40.143	ng/ul	0.00
24) 2-Nitrophenol-d4	9.777	143	53918	41.757	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.318	165	109539	38.954	ng/ul	0.00
31) 4-Chloroaniline-d4	10.823	131	118650	30.697	ng/ul	0.00
46) Dimethylphthalate-d6	13.937	166	377751	35.596	ng/ul	0.00
49) Acenaphthylene-d8	14.225	160	419124	35.561	ng/ul	0.00
54) 4-Nitrophenol-d4	14.736	143	64007	35.505	ng/ul	0.00
60) Fluorene-d10	15.523	176	352870	36.900	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	88441	41.567	ng/ul	0.00
73) Anthracene-d10	17.374	188	619020	35.460	ng/ul	0.00
81) Pyrene-d10	19.666	212	799569	35.908	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.378	264	845576	36.931	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.396	88	10952	11.713	ng/uL#	90
5) Pyridine	3.784	79	90127	32.357	ng/ul	99
6) Benzaldehyde	7.039	77	50423	27.733	ng/ul	96
8) Phenol	7.098	94	117120	34.071	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.321	93	83073	31.968	ng/ul	99
12) 2-Chlorophenol	7.468	128	86805	35.245	ng/ul	95
13) 2-Methylphenol	8.344	108	92320	35.814	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.426	45	150187	32.110	ng/ul#	97
16) Acetophenone	8.720	105	153585	34.291	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.708	70	80237	34.222	ng/ul#	94
18) 4-Methylphenol	8.673	108	102892	35.479	ng/ul	95
19) Hexachloroethane	8.978	117	37910	38.236	ng/ul	95
22) Nitrobenzene	9.096	77	121640	38.085	ng/ul	97
23) Isophorone	9.618	82	221699	33.951	ng/ul	98
25) 2-Nitrophenol	9.807	139	55230	38.809	ng/ul#	93
26) 2,4-Dimethylphenol	9.871	107	86793	28.542	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.100	93	121441	33.277	ng/ul	100
29) 2,4-Dichlorophenol	10.347	162	103328	37.308	ng/ul	94
30) Naphthalene	10.747	128	310262	35.029	ng/ul	99
32) 4-Chloroaniline	10.852	127	107844	28.054	ng/ul	97
33) Hexachlorobutadiene	11.029	225	92490	40.087	ng/ul	94
34) Caprolactam	11.610	113	23589	23.109	ng/ul	94
35) 4-Chloro-3-methylphenol	11.980	107	121991	40.378	ng/ul	94
36) 2-Methylnaphthalene	12.351	142	240797	36.836	ng/ul	92

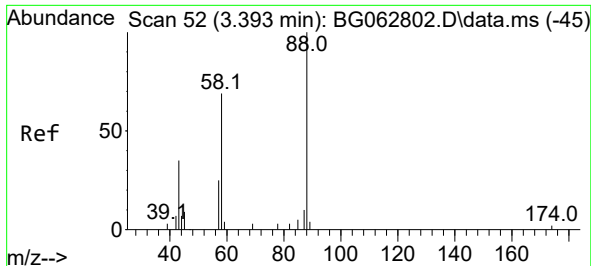
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.568	142	239884	35.825	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.721	216	180184	38.032	ng/ul	99
40) Hexachlorocyclopentadiene	12.703	237	85718	35.360	ng/ul	97
41) 2,4,6-Trichlorophenol	12.962	196	99576	34.699	ng/ul	99
42) 2,4,5-Trichlorophenol	13.038	196	116488	37.807	ng/ul	93
43) 1,1'-Biphenyl	13.361	154	339883	35.072	ng/ul	99
44) 2-Chloronaphthalene	13.402	162	279979	35.529	ng/ul	98
45) 2-Nitroaniline	13.608	65	87383	40.411	ng/ul	98
47) Dimethylphthalate	13.984	163	389256	35.617	ng/ul	99
48) 2,6-Dinitrotoluene	14.101	165	78187	40.607	ng/ul	97
50) Acenaphthylene	14.254	152	451616	36.294	ng/ul	99
51) 3-Nitroaniline	14.431	138	73476	38.116	ng/ul	94
52) Acenaphthene	14.595	153	300993	34.149	ng/ul	100
53) 2,4-Dinitrophenol	14.642	184	45360	35.677	ng/ul	93
55) 4-Nitrophenol	14.748	109	62126	38.338	ng/ul	96
56) Dibenzofuran	14.930	168	458876	35.046	ng/ul	100
57) 2,4-Dinitrotoluene	14.895	165	119268	39.619	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.159	232	98269	31.472	ng/ul	94
59) Diethylphthalate	15.347	149	383855	35.603	ng/ul	99
61) Fluorene	15.582	166	367773	35.755	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.570	204	229770	38.082	ng/ul	99
63) 4-Nitroaniline	15.600	138	83798	40.396	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.658	198	85888	38.942	ng/ul#	92
67) N-Nitrosodiphenylamine	15.788	169	340803	35.926	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	163503	38.413	ng/ul	97
69) Hexachlorobenzene	16.587	284	185805	38.233	ng/ul	97
71) Pentachlorophenol	16.928	266	57140	19.657	ng/ul	88
72) Phenanthrene	17.315	178	686192	35.673	ng/ul	99
74) Anthracene	17.409	178	690698	35.222	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.326	216	186033	36.828	ng/ul	99
76) Pentachlorobenzene	14.848	250	200441	35.808	ng/ul	97
77) Carbazole	17.680	167	591236	36.357	ng/ul	99
78) Di-n-butylphthalate	18.238	149	689503	35.852	ng/ul	99
80) Fluoranthene	19.331	202	880644	35.709	ng/ul	97
82) Pyrene	19.695	202	921851	34.725	ng/ul	98
83) Butylbenzylphthalate	20.588	149	305750	38.797	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.422	252	318650	38.249	ng/ul	98
85) Benzo(a)anthracene	21.505	228	1006860	36.584	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	437632	37.714	ng/ul	100
87) Chrysene	21.569	228	948460	36.326	ng/ul	98
89) Di-n-octyl phthalate	22.574	149	759673	37.665	ng/ul	100
90) Benzo(b)fluoranthene	23.620	252	1005971	37.576	ng/ul	98
91) Benzo(k)fluoranthene	23.684	252	1024098	37.359	ng/ul	98
93) Benzo(a)pyrene	24.442	252	915047	36.238	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.038	276	1185402	38.102	ng/ul	96
95) Dibenzo(a,h)anthracene	28.103	278	975099	39.020	ng/ul	99
96) Benzo(g,h,i)perylene	29.125	276	942637	39.230	ng/ul	98

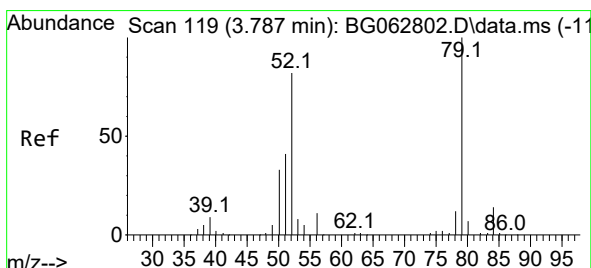
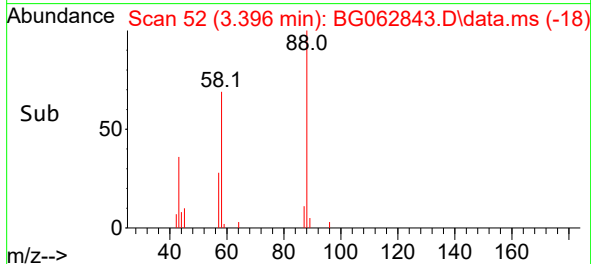
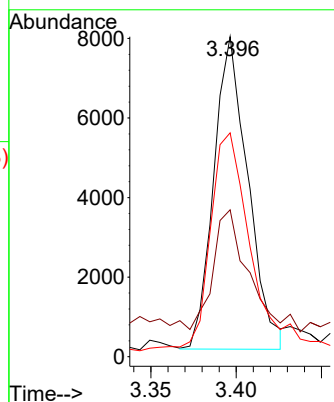
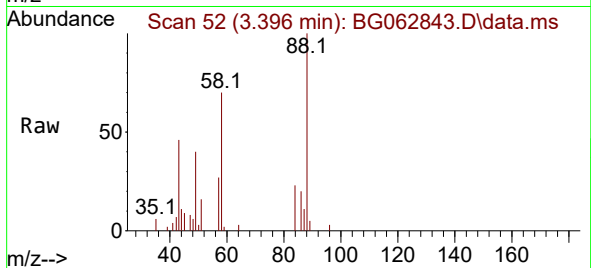
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#2
1,4-Dioxane
Concen: 11.713 ng/uL
RT: 3.396 min Scan# 51
Delta R.T. -0.003 min
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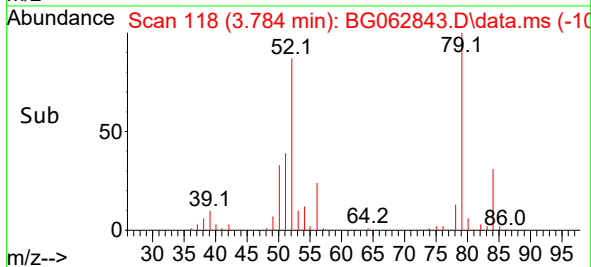
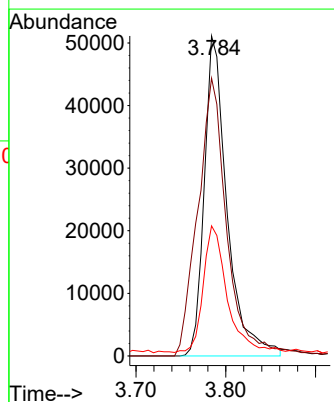
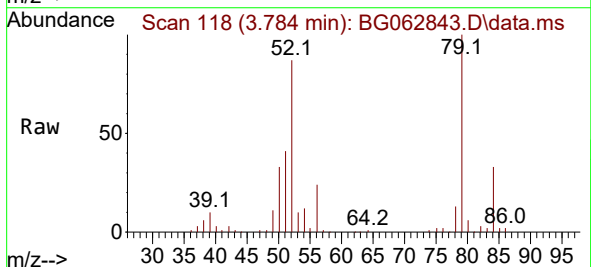
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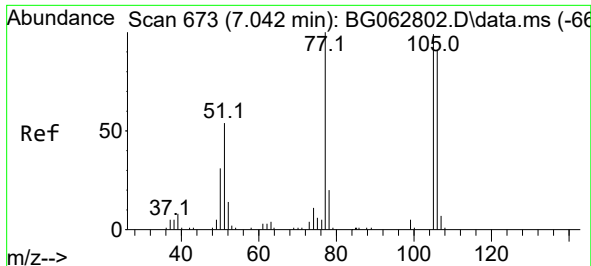
Tgt Ion: 88 Resp: 10952
Ion Ratio Lower Upper
88 100
43 45.9 23.1 34.7#
58 70.0 57.2 85.8



#5
Pyridine
Concen: 32.357 ng/uL
RT: 3.784 min Scan# 118
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion: 79 Resp: 90127
Ion Ratio Lower Upper
79 100
52 86.8 69.8 104.8
51 40.6 34.0 51.0

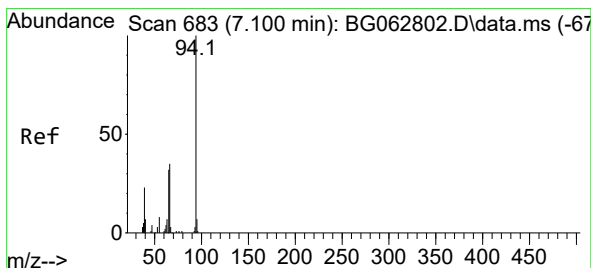
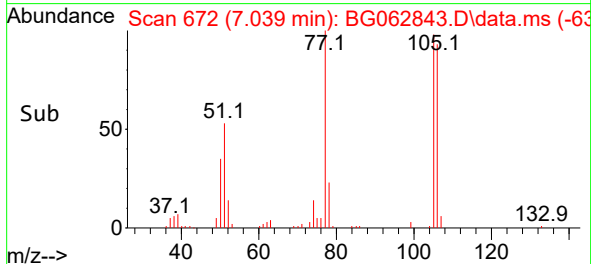
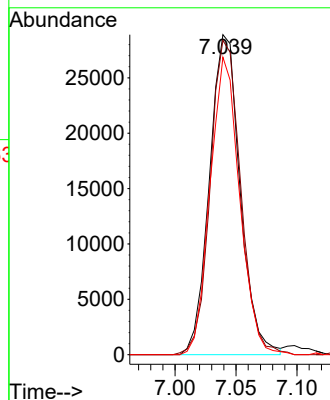
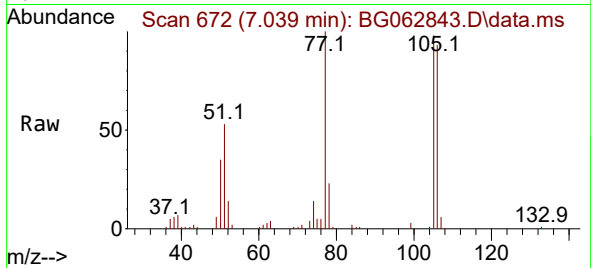




#6
Benzaldehyde
Concen: 27.733 ng/ul
RT: 7.039 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

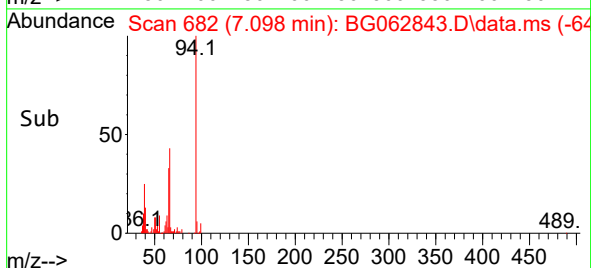
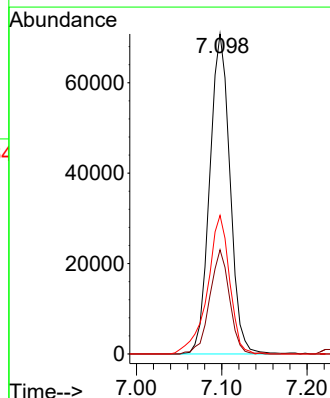
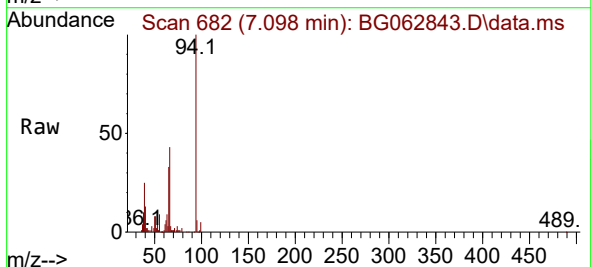
Instrument :
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ClientSampleId :
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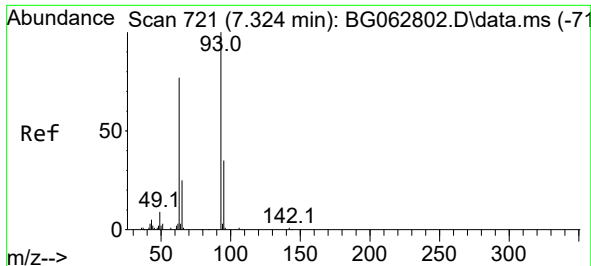
Tgt Ion: 77 Resp: 50423
Ion Ratio Lower Upper
77 100
105 98.2 79.0 118.4
106 92.9 69.0 103.6



#8
Phenol
Concen: 34.071 ng/ul
RT: 7.098 min Scan# 682
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion: 94 Resp: 117120
Ion Ratio Lower Upper
94 100
65 32.5 25.1 37.7
66 43.3 30.8 46.2

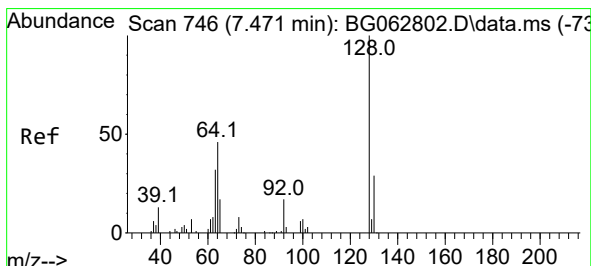
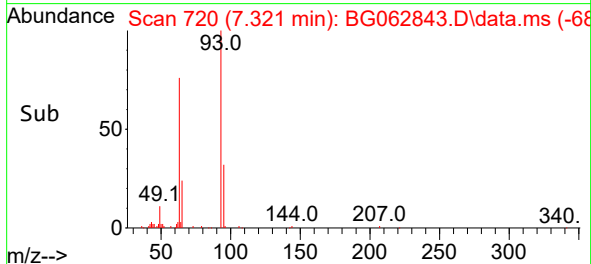
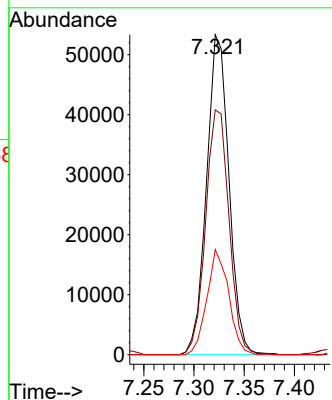
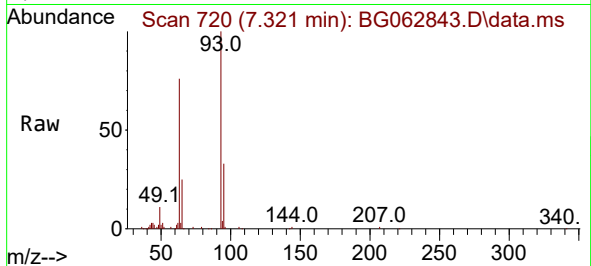




#10
Bis(2-Chloroethyl)ether
Concen: 31.968 ng/ul
RT: 7.321 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

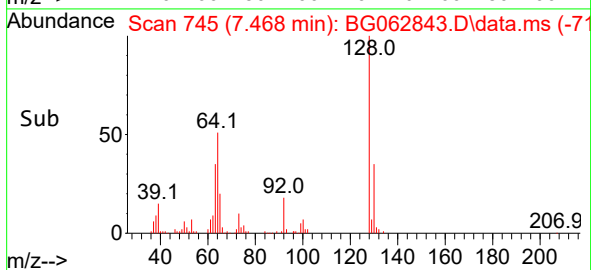
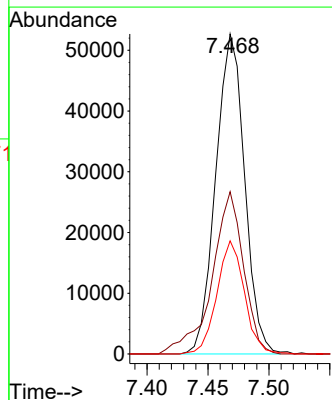
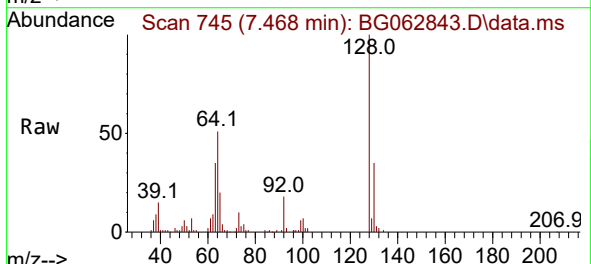
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ClientSampleId :
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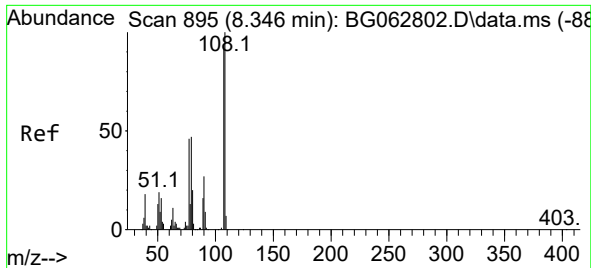
Tgt Ion: 93 Resp: 83073
Ion Ratio Lower Upper
93 100
63 76.5 62.0 93.0
95 32.8 25.9 38.9



#12
2-Chlorophenol
Concen: 35.245 ng/ul
RT: 7.468 min Scan# 745
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion:128 Resp: 86805
Ion Ratio Lower Upper
128 100
64 50.7 42.0 63.0
130 35.3 24.0 36.0

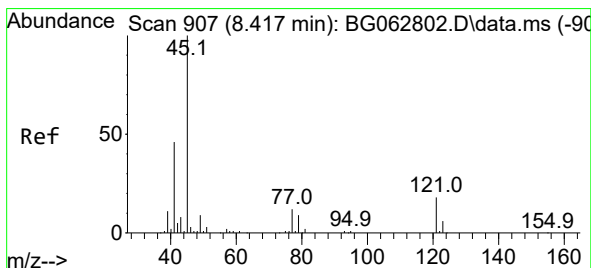
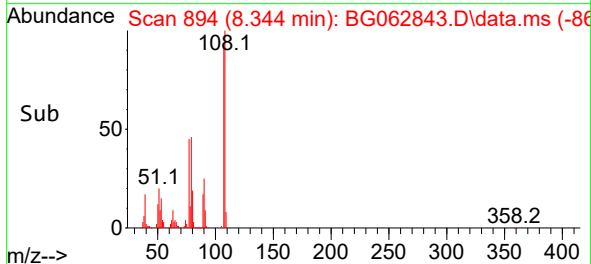
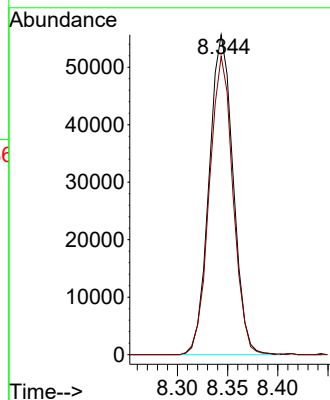
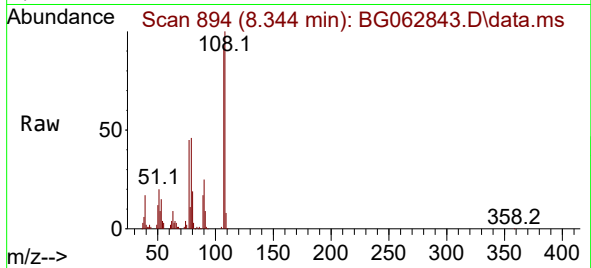




#13
2-Methylphenol
Concen: 35.814 ng/ul
RT: 8.344 min Scan# 895
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

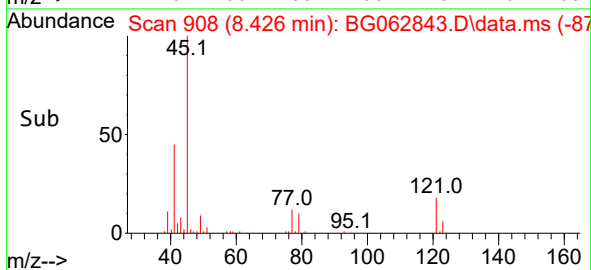
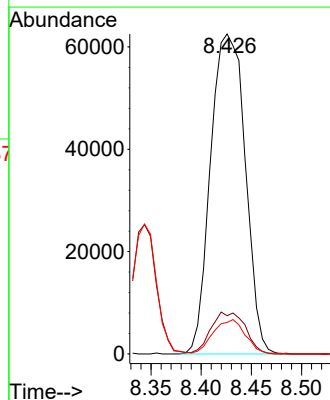
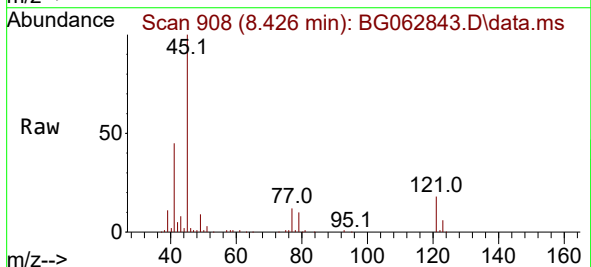
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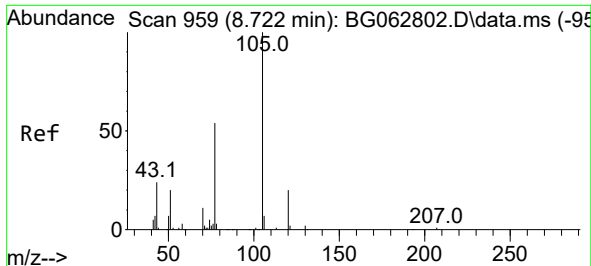
Tgt Ion:108 Resp: 92320
Ion Ratio Lower Upper
108 100
107 93.3 72.1 108.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 32.110 ng/ul
RT: 8.426 min Scan# 908
Delta R.T. 0.004 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion: 45 Resp: 150187
Ion Ratio Lower Upper
45 100
77 12.0 9.0 13.6
79 9.9 6.6 9.8#

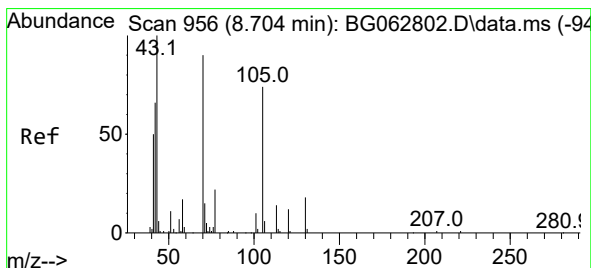
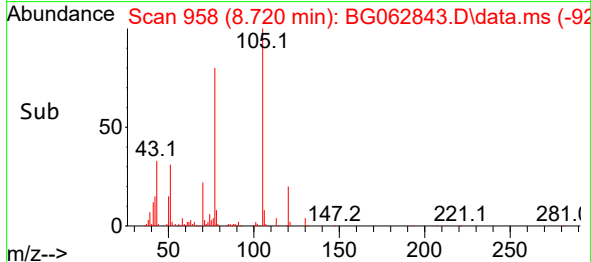
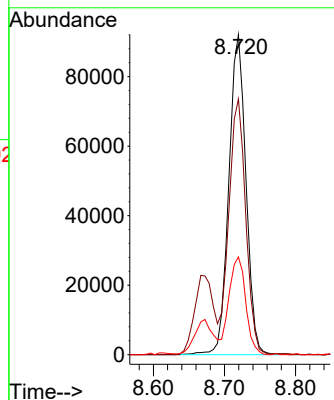
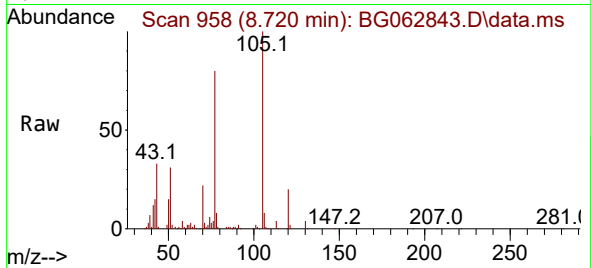




#16
Acetophenone
Concen: 34.291 ng/ul
RT: 8.720 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

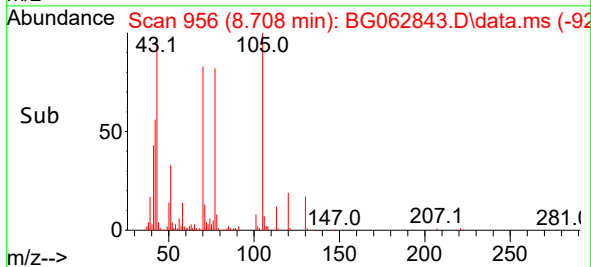
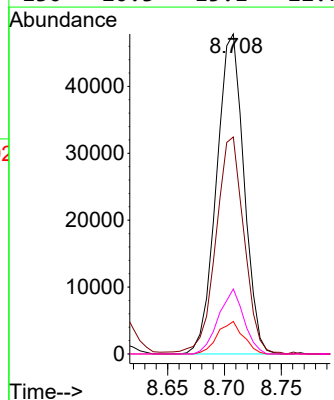
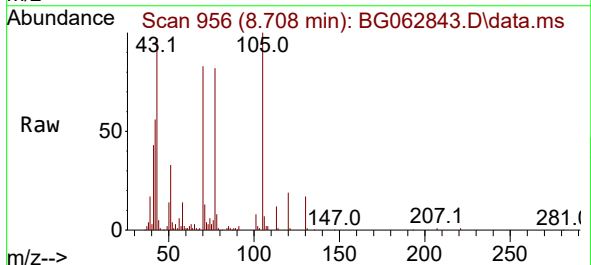
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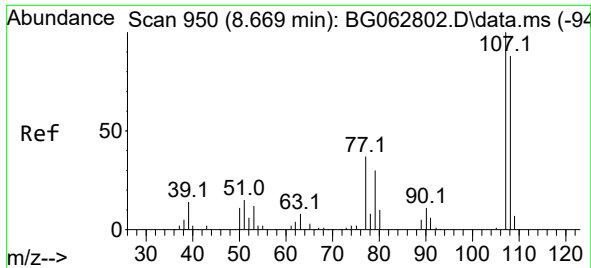
Tgt Ion:105 Resp: 153585
Ion Ratio Lower Upper
105 100
77 79.9 63.3 94.9
51 30.6 26.5 39.7



#17
N-Nitroso-di-n-propylamine
Concen: 34.222 ng/ul
RT: 8.708 min Scan# 956
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion: 70 Resp: 80237
Ion Ratio Lower Upper
70 100
42 67.8 50.2 75.2
101 10.1 6.2 9.4#
130 20.3 15.1 22.7

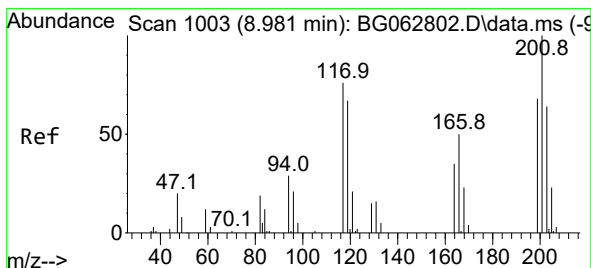
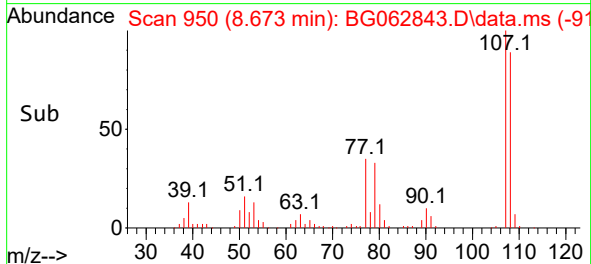
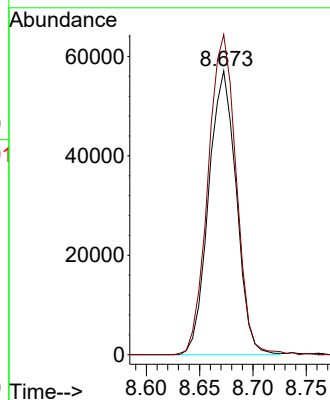
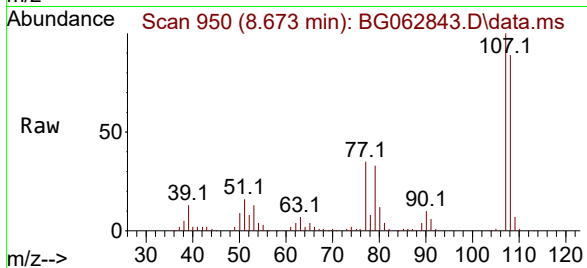




#18
4-Methylphenol
Concen: 35.479 ng/ul
RT: 8.673 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

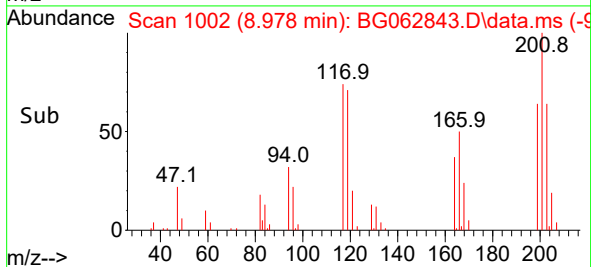
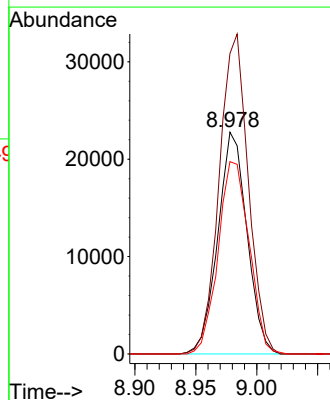
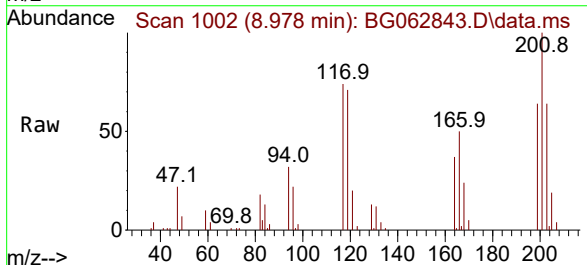
Instrument :
BNA_G
ClientSampleId :
SLCS400

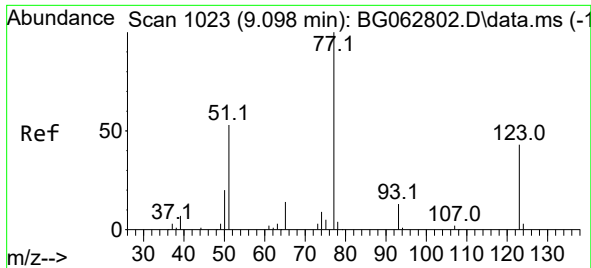
Tgt Ion:108 Resp: 102892
Ion Ratio Lower Upper
108 100
107 112.7 86.4 129.6



#19
Hexachloroethane
Concen: 38.236 ng/ul
RT: 8.978 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion:117 Resp: 37910
Ion Ratio Lower Upper
117 100
201 135.5 106.6 160.0
199 86.7 62.0 93.0

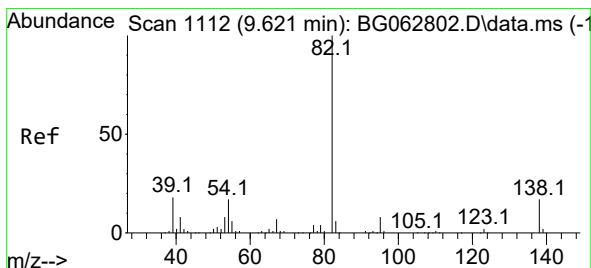
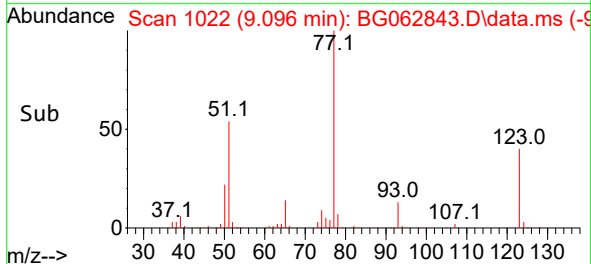
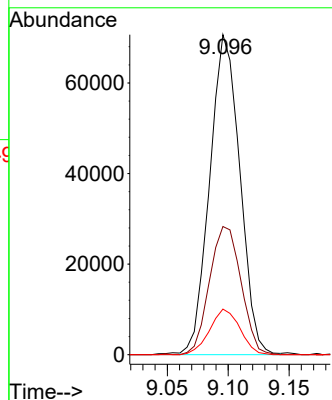
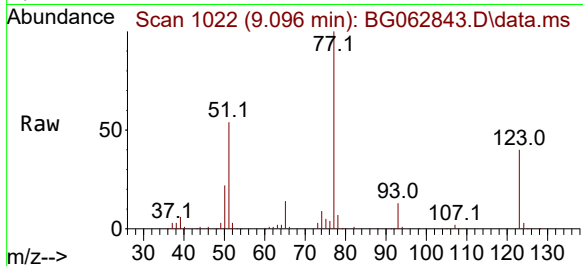




#22
Nitrobenzene
Concen: 38.085 ng/ul
RT: 9.096 min Scan# 1102
Delta R.T. -0.008 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

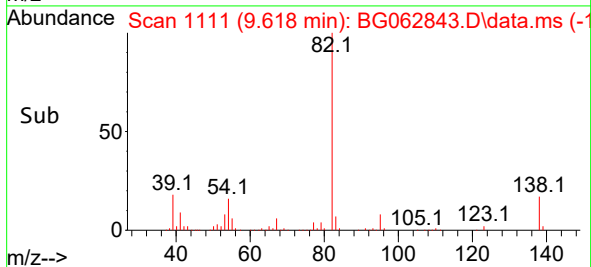
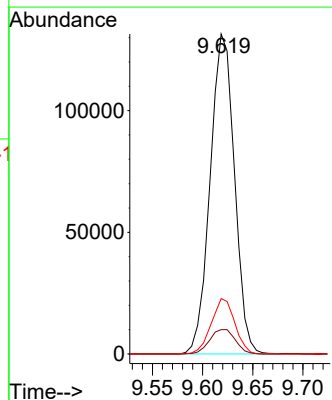
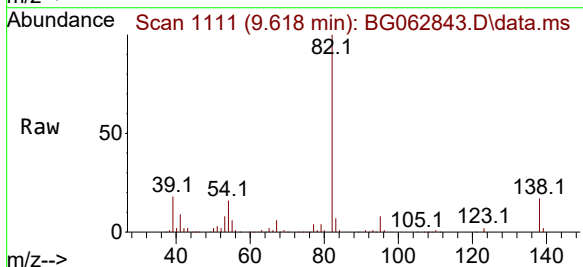
Instrument :
BNA_G
ClientSampleId :
SLCS400

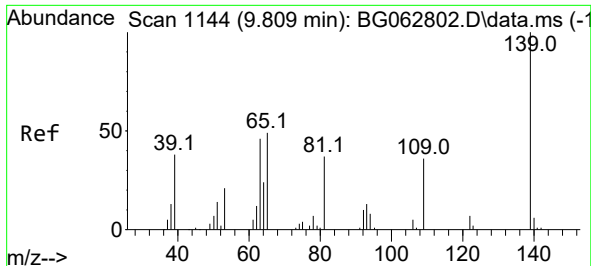
Tgt Ion: 77 Resp: 121640
Ion Ratio Lower Upper
77 100
123 40.1 30.9 46.3
65 14.3 9.7 14.5



#23
Isophorone
Concen: 33.951 ng/ul
RT: 9.618 min Scan# 1111
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion: 82 Resp: 221699
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 17.3 13.0 19.6

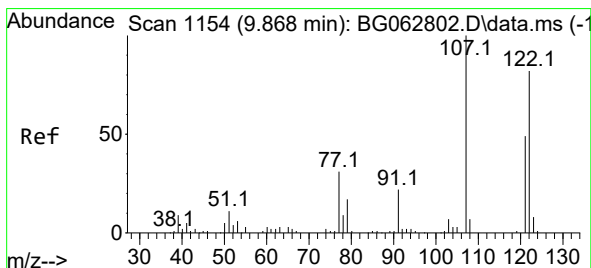
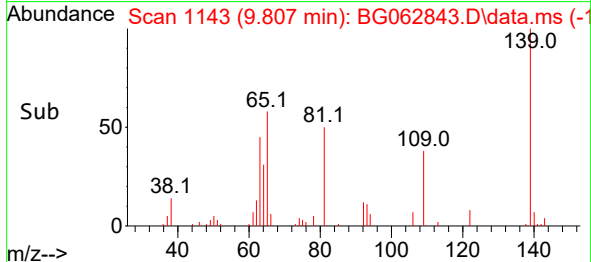
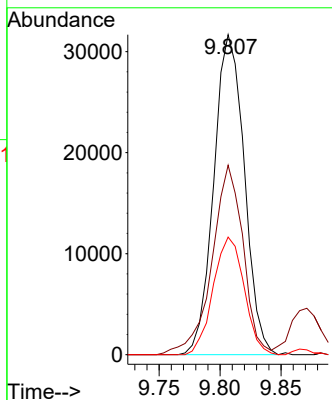
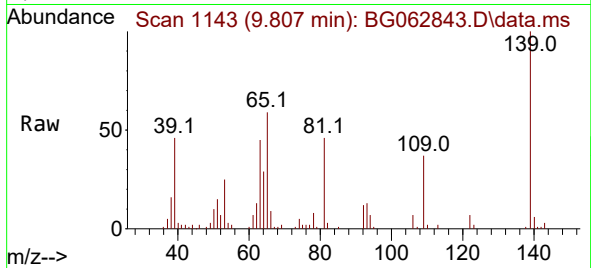




#25
2-Nitrophenol
Concen: 38.809 ng/ul
RT: 9.807 min Scan# 1143
Delta R.T. -0.008 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

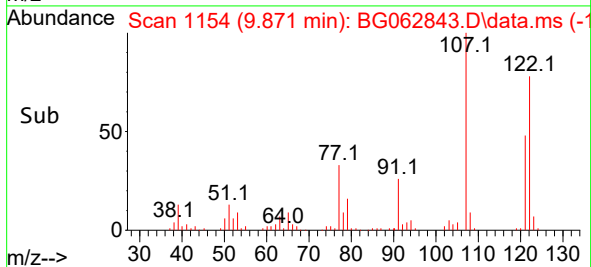
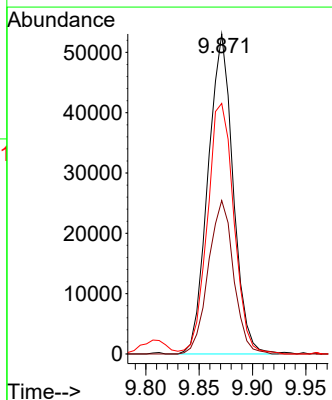
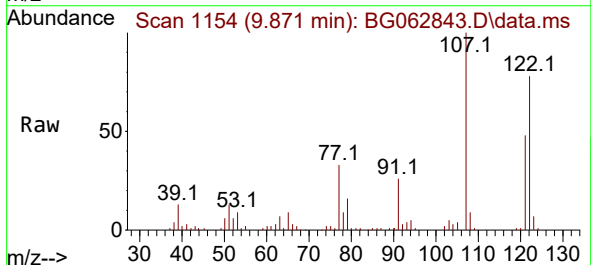
Instrument :
BNA_G
ClientSampleId :
SLCS400

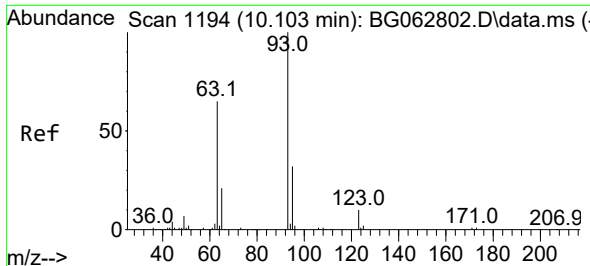
Tgt Ion:139 Resp: 55230
Ion Ratio Lower Upper
139 100
65 59.2 45.4 68.0
109 36.7 23.9 35.9#



#26
2,4-Dimethylphenol
Concen: 28.542 ng/ul
RT: 9.871 min Scan# 1154
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion:107 Resp: 86793
Ion Ratio Lower Upper
107 100
121 47.9 38.8 58.2
122 78.3 70.5 105.7





#27

Bis(2-Chloroethoxy)methane

Concen: 33.277 ng/ul

RT: 10.100 min Scan# 1194

Delta R.T. -0.008 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

Instrument :

BNA_G

ClientSampleId :

SLCS400

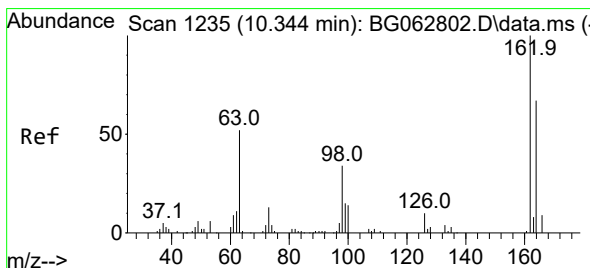
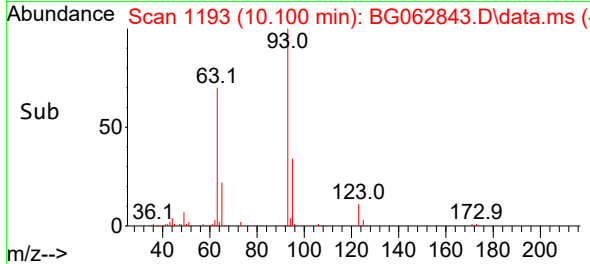
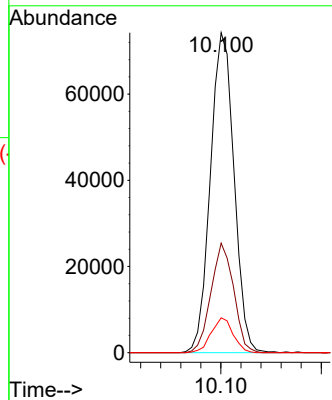
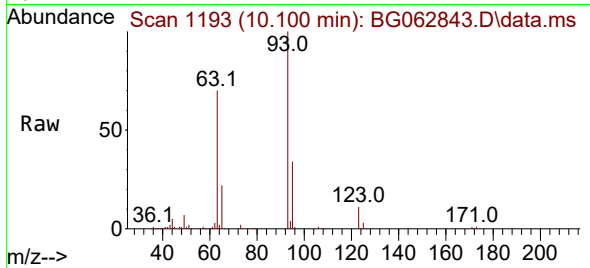
Tgt Ion: 93 Resp: 121441

Ion Ratio Lower Upper

93 100

95 34.2 27.4 41.2

123 10.9 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 37.308 ng/ul

RT: 10.347 min Scan# 1235

Delta R.T. 0.004 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

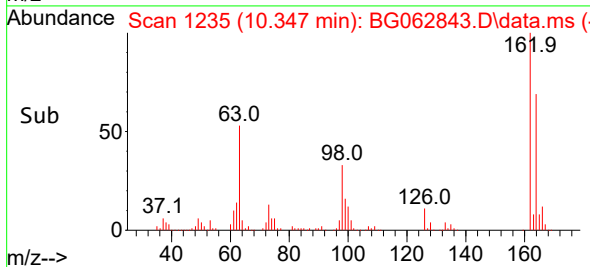
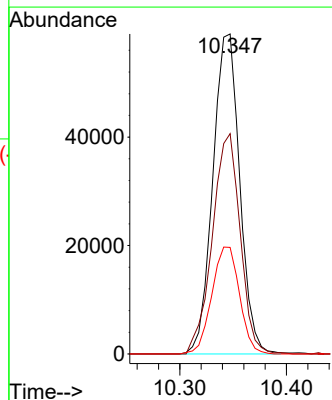
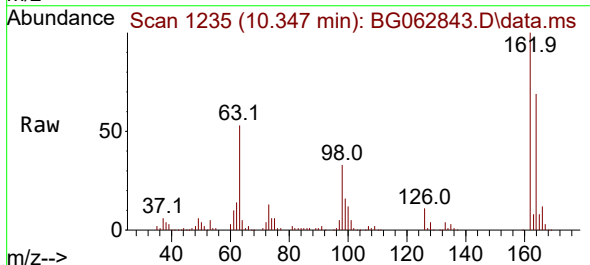
Tgt Ion:162 Resp: 103328

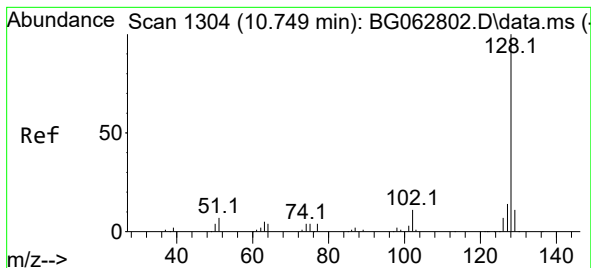
Ion Ratio Lower Upper

162 100

164 68.9 51.9 77.9

98 33.3 23.8 35.6





#30

Naphthalene

Concen: 35.029 ng/ul

RT: 10.747 min Scan# 1304

Delta R.T. -0.002 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

Instrument :

BNA_G

ClientSampleId :

SLCS400

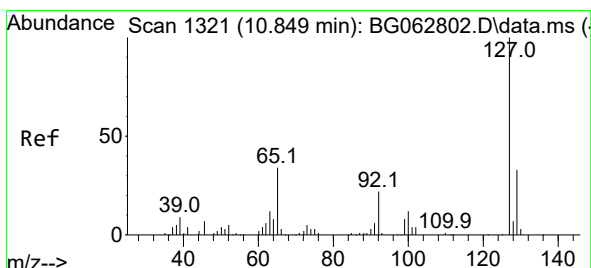
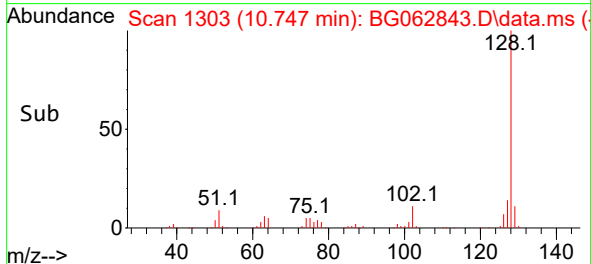
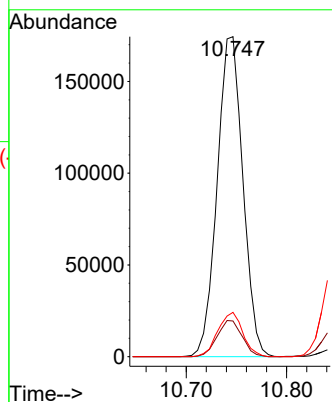
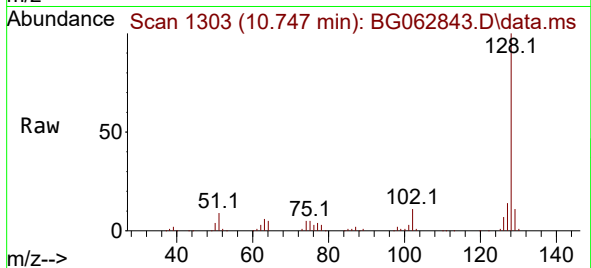
Tgt Ion:128 Resp: 310262

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.9 10.7 16.1



#32

4-Chloroaniline

Concen: 28.054 ng/ul

RT: 10.852 min Scan# 1321

Delta R.T. -0.002 min

Lab File: BG062843.D

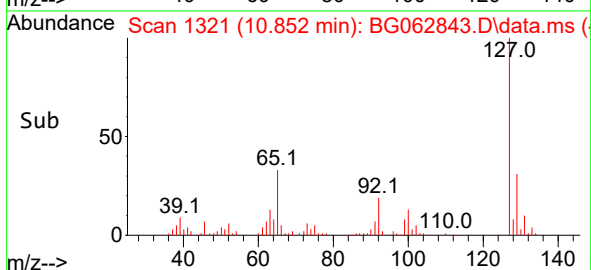
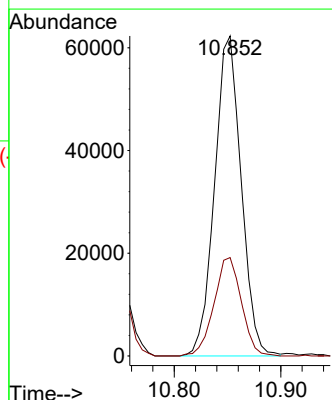
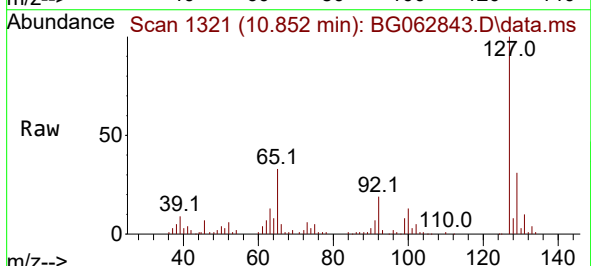
Acq: 15 Sep 2024 12:21

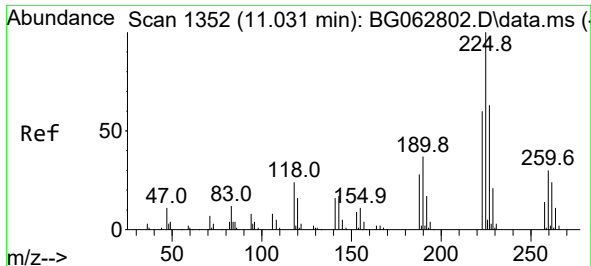
Tgt Ion:127 Resp: 107844

Ion Ratio Lower Upper

127 100

129 30.8 25.8 38.8

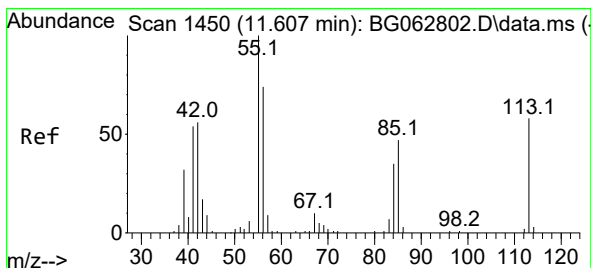
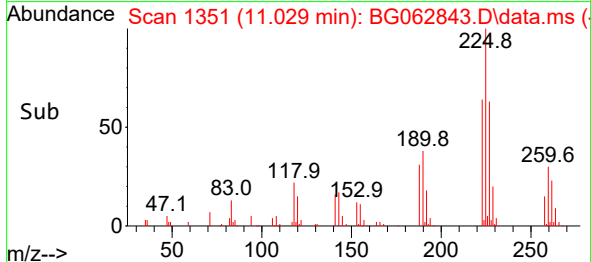
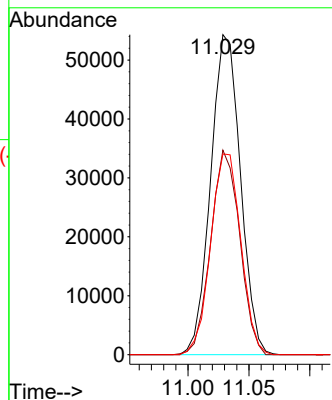
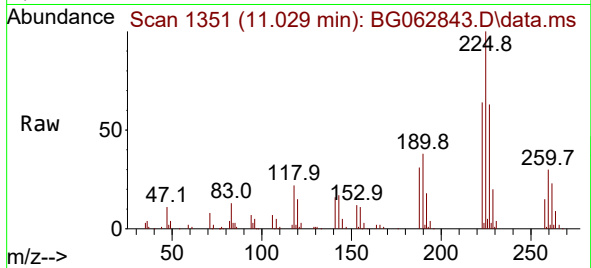




#33
Hexachlorobutadiene
Concen: 40.087 ng/ul
RT: 11.029 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

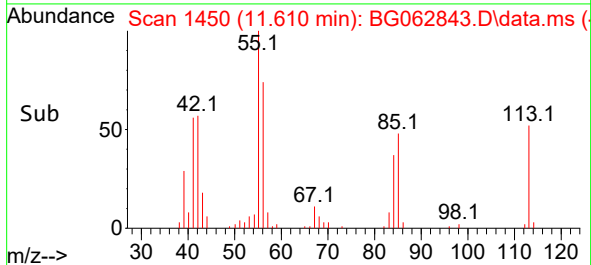
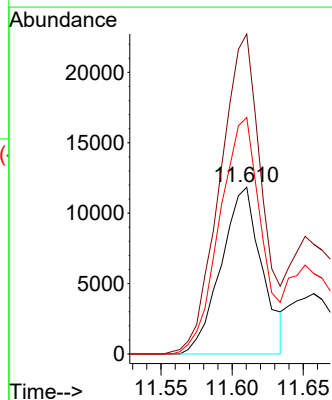
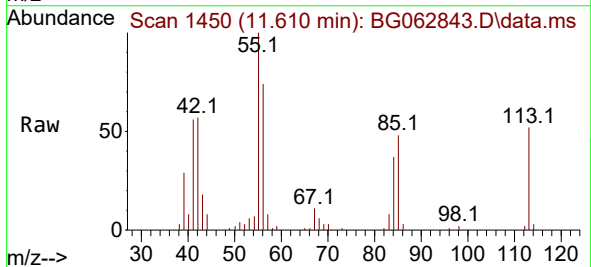
Instrument :
BNA_G
ClientSampleId :
SLCS400

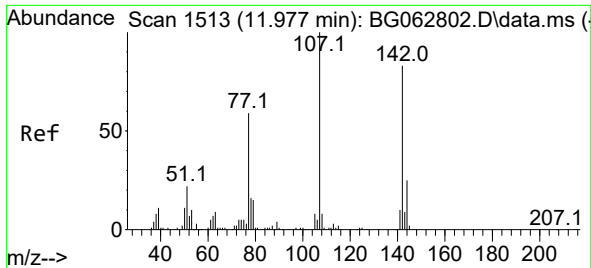
Tgt Ion:225 Resp: 92490
Ion Ratio Lower Upper
225 100
223 63.9 52.3 78.5
227 62.8 56.4 84.6



#34
Caprolactam
Concen: 23.109 ng/ul
RT: 11.610 min Scan# 1450
Delta R.T. 0.009 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion:113 Resp: 23589
Ion Ratio Lower Upper
113 100
55 191.9 150.8 226.2
56 141.8 125.0 187.6

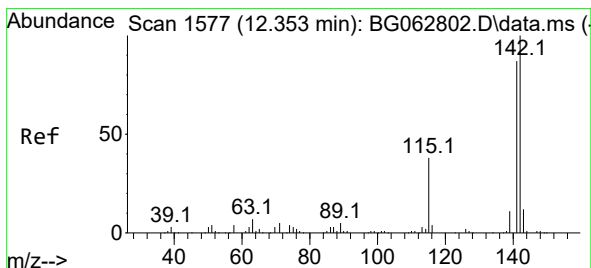
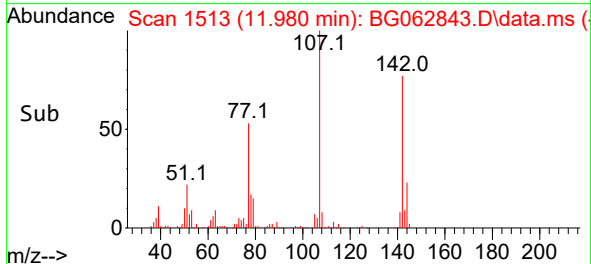
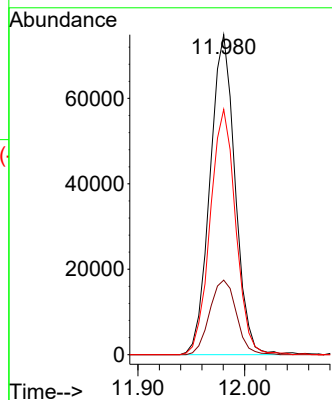
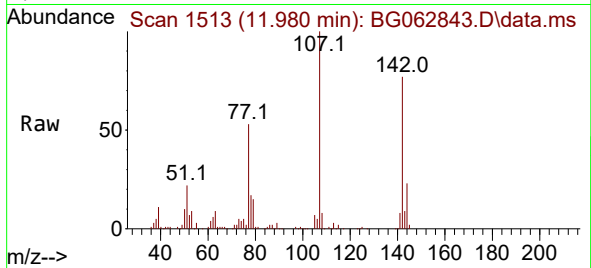




#35
4-Chloro-3-methylphenol
Concen: 40.378 ng/ul
RT: 11.980 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

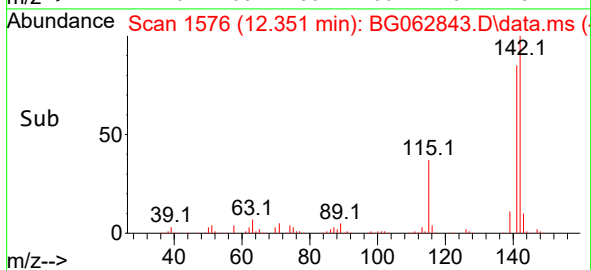
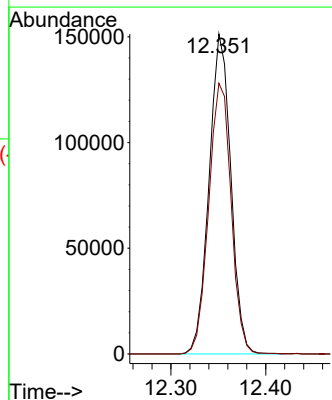
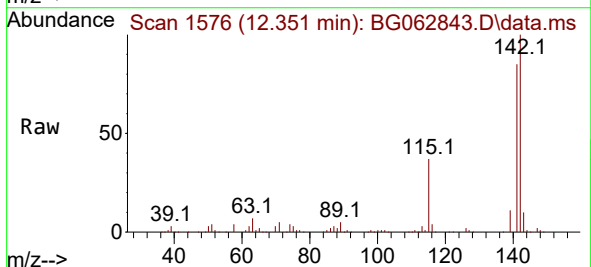
Instrument :
BNA_G
ClientSampleId :
SLCS400

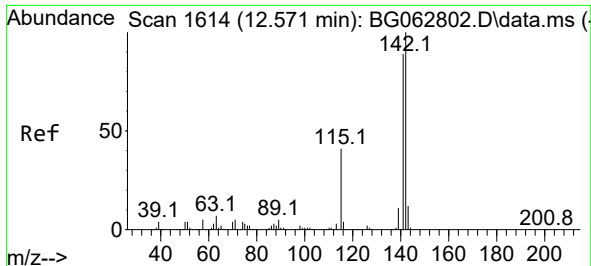
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	21.8	32.6
142	76.7	64.8	97.2



#36
2-Methylnaphthalene
Concen: 36.836 ng/ul
RT: 12.351 min Scan# 1576
Delta R.T. -0.008 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.6	73.4	110.2





#37

1-Methylnaphthalene

Concen: 35.825 ng/ul

RT: 12.568 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

Instrument :

BNA_G

ClientSampleId :

SLCS400

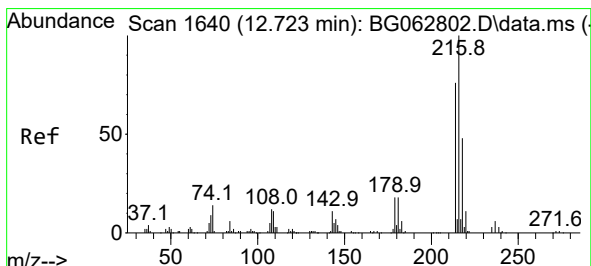
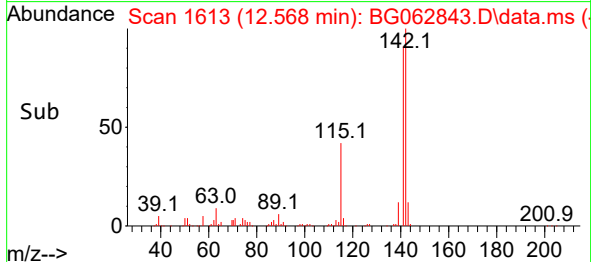
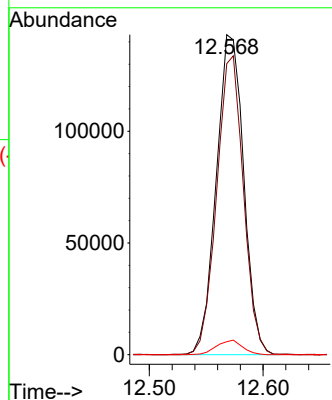
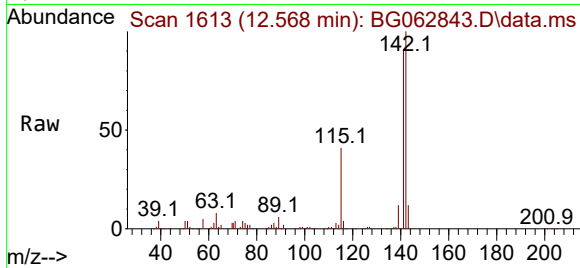
Tgt Ion:142 Resp: 239884

Ion Ratio Lower Upper

142 100

141 91.0 71.1 106.7

116 4.1 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.032 ng/ul

RT: 12.721 min Scan# 1639

Delta R.T. -0.008 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

Tgt Ion:216 Resp: 180184

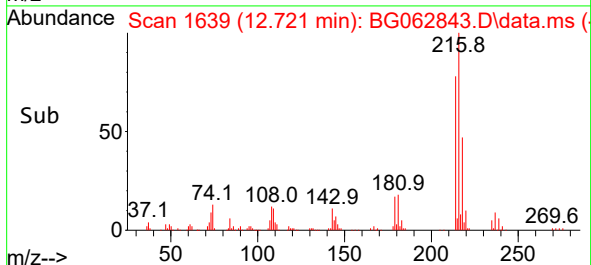
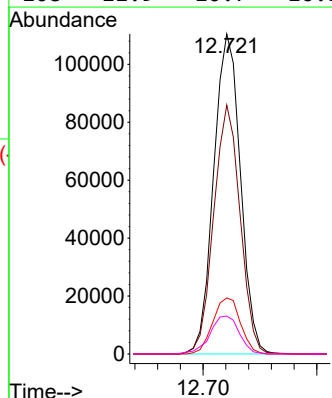
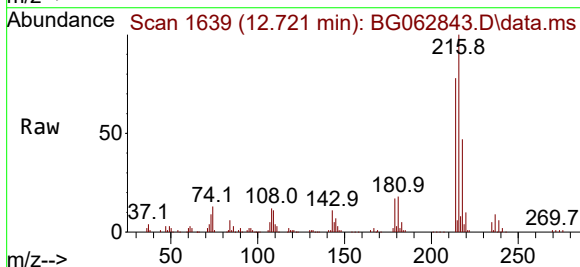
Ion Ratio Lower Upper

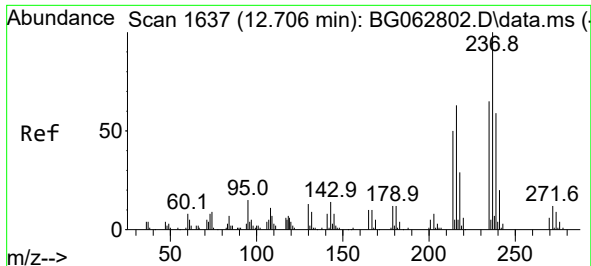
216 100

214 77.8 61.8 92.8

179 17.5 13.6 20.4

108 11.9 10.7 16.1

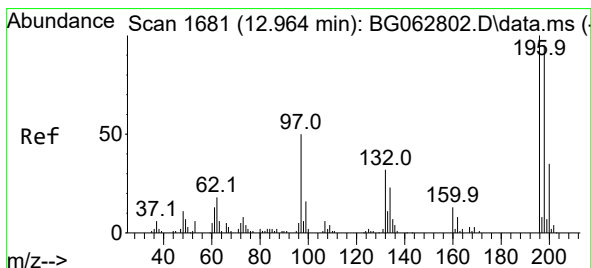
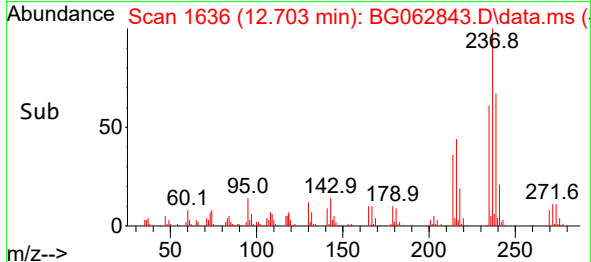
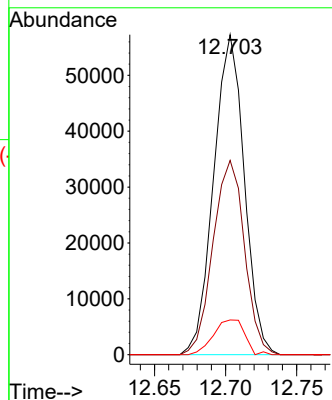
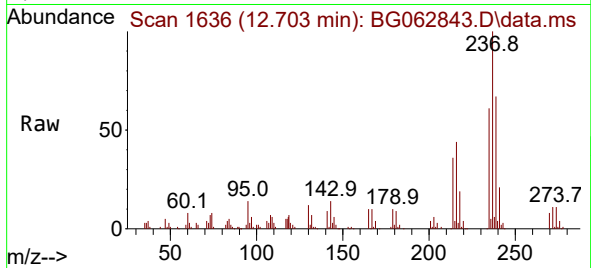




#40
Hexachlorocyclopentadiene
Concen: 35.360 ng/ul
RT: 12.703 min Scan# 1636
Delta R.T. -0.008 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

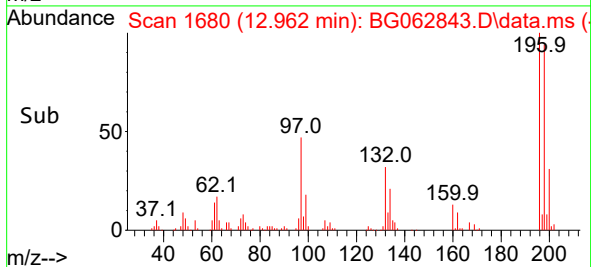
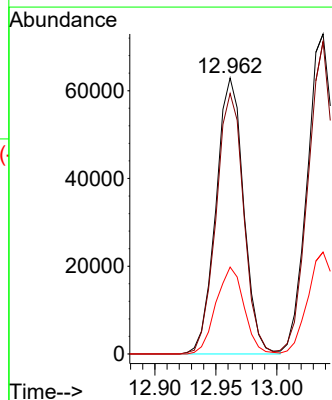
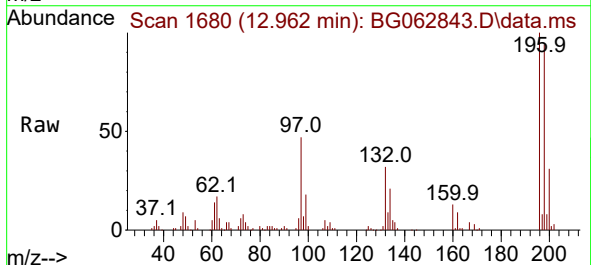
Instrument :
BNA_G
ClientSampleId :
SLCS400

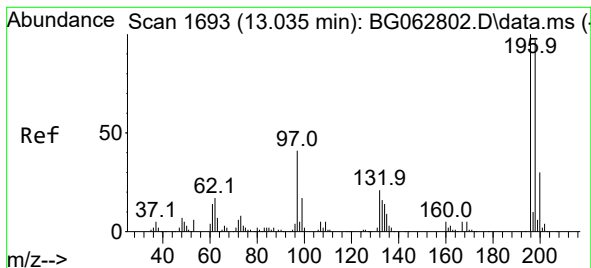
Tgt Ion:237 Resp: 85718
Ion Ratio Lower Upper
237 100
235 60.7 47.0 70.6
272 10.8 9.4 14.0



#41
2,4,6-Trichlorophenol
Concen: 34.699 ng/ul
RT: 12.962 min Scan# 1680
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion:196 Resp: 99576
Ion Ratio Lower Upper
196 100
198 94.4 76.2 114.4
200 31.5 26.0 39.0





#42

2,4,5-Trichlorophenol

Concen: 37.807 ng/ul

RT: 13.038 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

Instrument :

BNA_G

ClientSampleId :

SLCS400

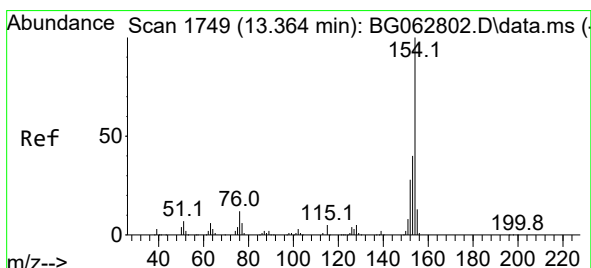
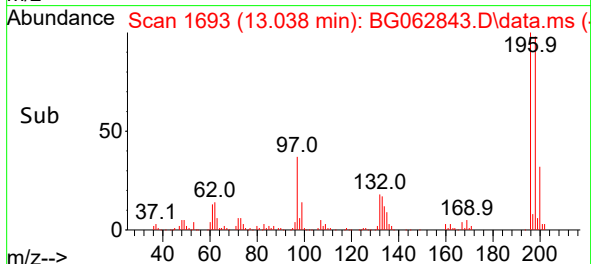
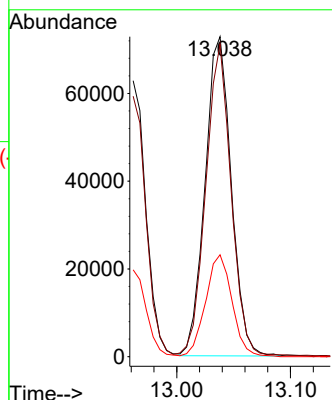
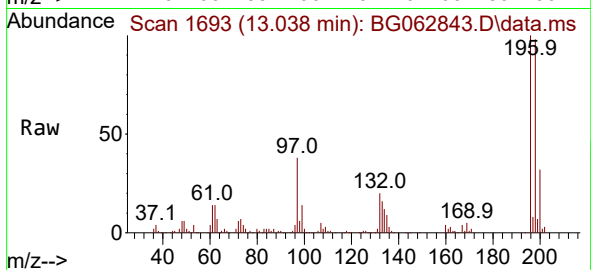
Tgt Ion:196 Resp: 116488

Ion Ratio Lower Upper

196 100

198 97.7 71.2 106.8

200 31.9 24.6 37.0



#43

1,1'-Biphenyl

Concen: 35.072 ng/ul

RT: 13.361 min Scan# 1748

Delta R.T. -0.002 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

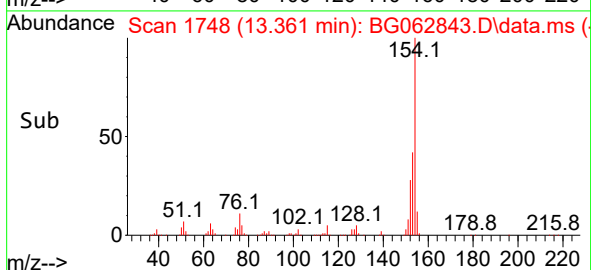
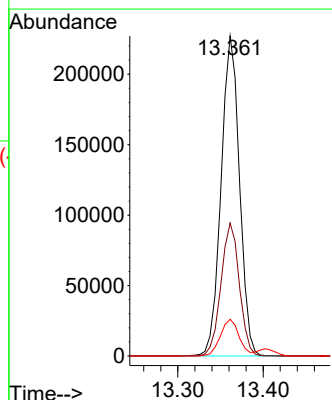
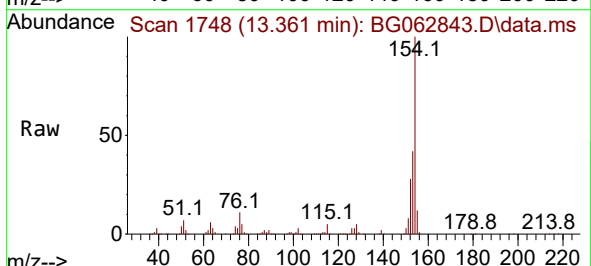
Tgt Ion:154 Resp: 339883

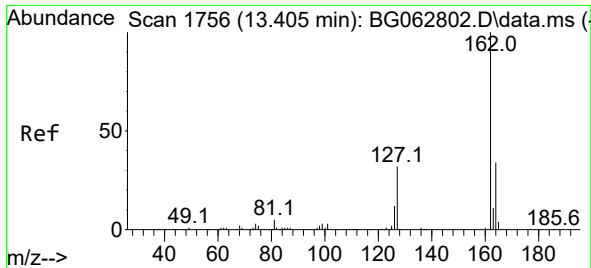
Ion Ratio Lower Upper

154 100

153 41.6 33.4 50.0

76 11.5 10.1 15.1

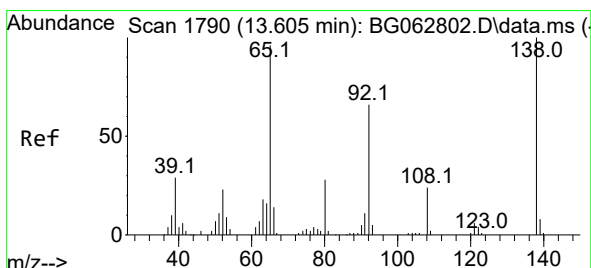
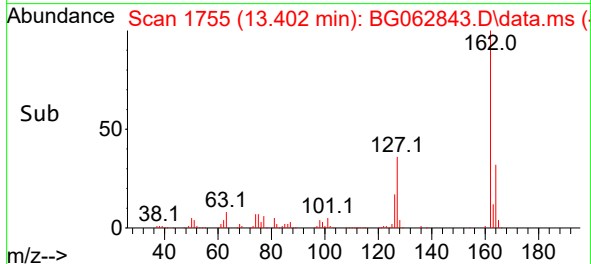
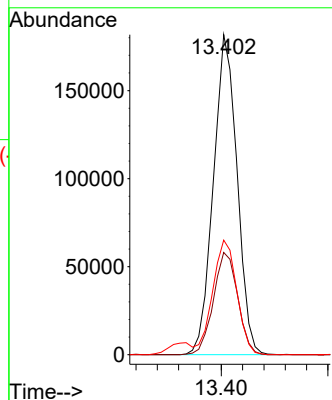
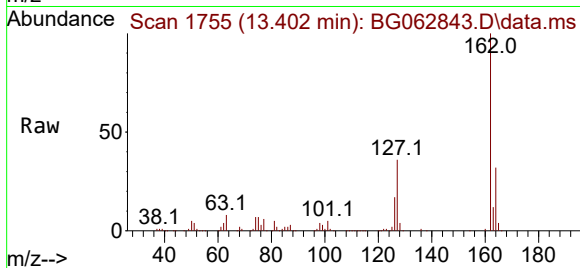




#44
2-Chloronaphthalene
Concen: 35.529 ng/ul
RT: 13.402 min Scan# 1755
Delta R.T. -0.008 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

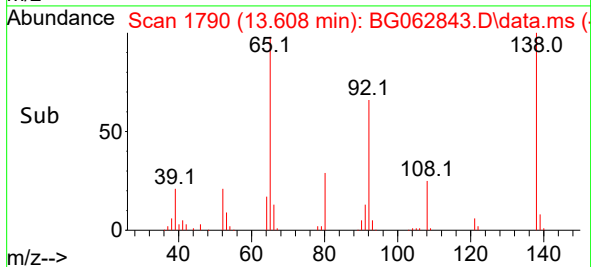
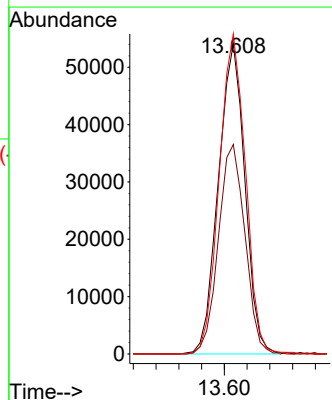
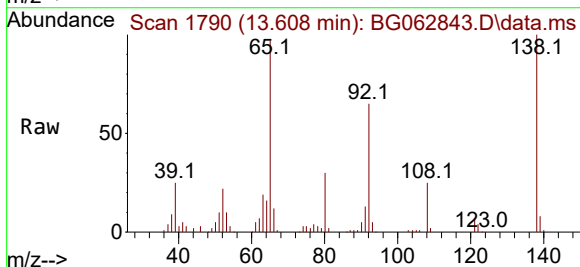
Instrument :
BNA_G
ClientSampleId :
SLCS400

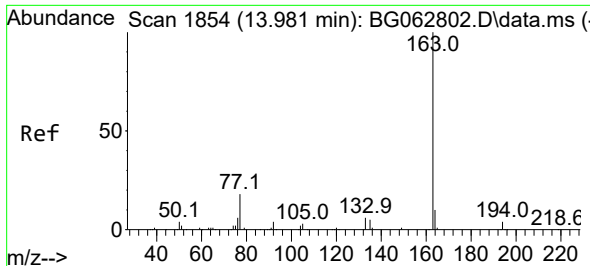
Tgt Ion:162 Resp: 279979
Ion Ratio Lower Upper
162 100
164 31.9 27.1 40.7
127 35.8 28.5 42.7



#45
2-Nitroaniline
Concen: 40.411 ng/ul
RT: 13.608 min Scan# 1790
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion: 65 Resp: 87383
Ion Ratio Lower Upper
65 100
92 67.5 55.0 82.4
138 103.1 80.0 120.0

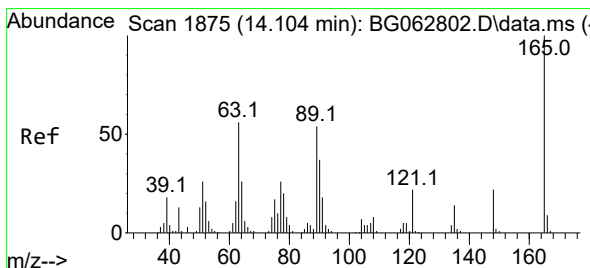
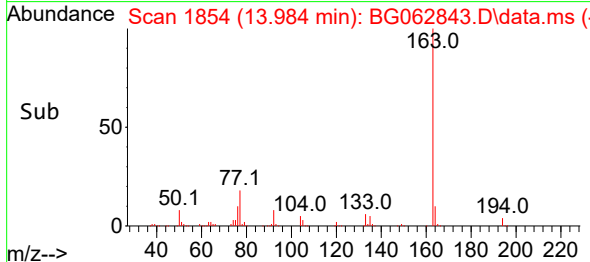
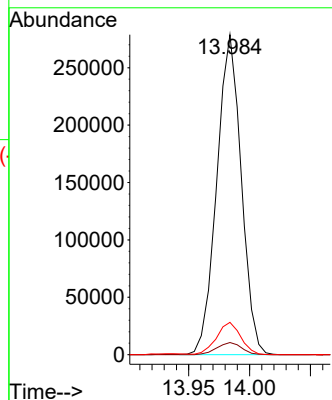
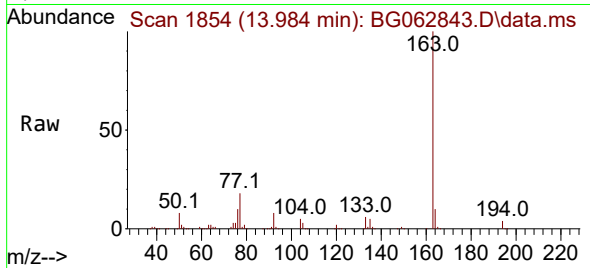




#47
Dimethylphthalate
Concen: 35.617 ng/ul
RT: 13.984 min Scan# 1854
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

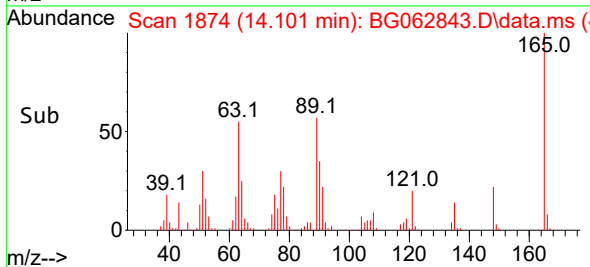
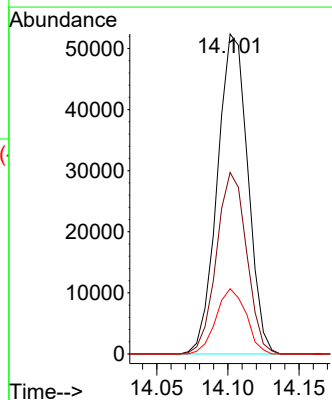
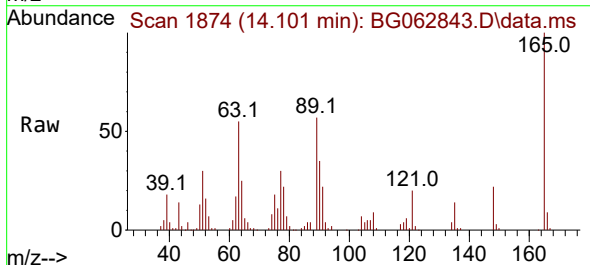
Instrument :
BNA_G
ClientSampleId :
SLCS400

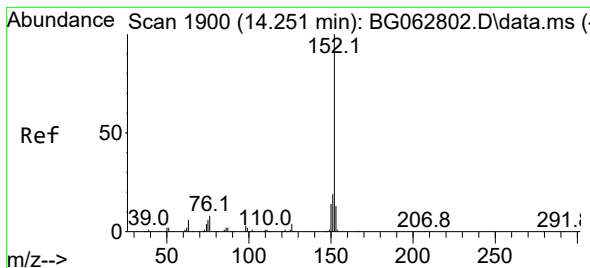
Tgt Ion:163 Resp: 389256
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 40.607 ng/ul
RT: 14.101 min Scan# 1874
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion:165 Resp: 78187
Ion Ratio Lower Upper
165 100
89 56.7 47.4 71.0
121 20.4 17.0 25.6





#50

Acenaphthylene

Concen: 36.294 ng/ul

RT: 14.254 min Scan# 1900

Delta R.T. -0.002 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

Instrument :

BNA_G

ClientSampleId :

SLCS400

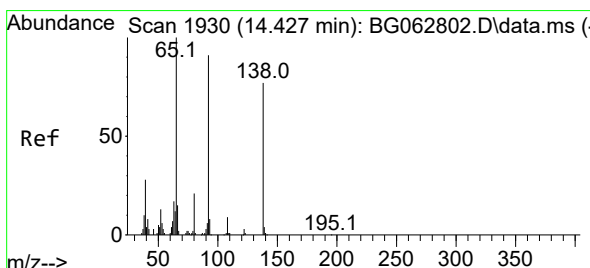
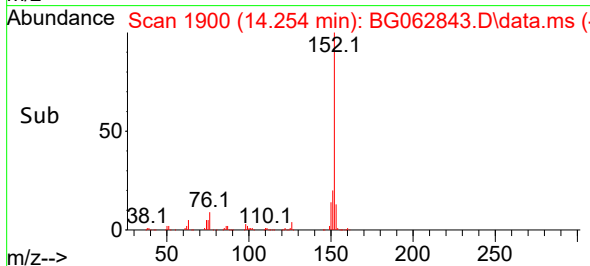
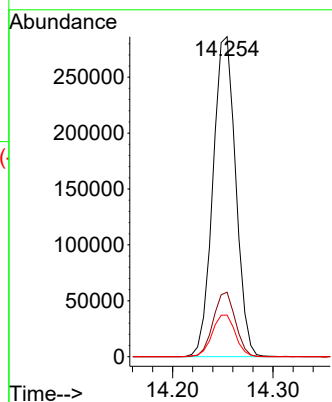
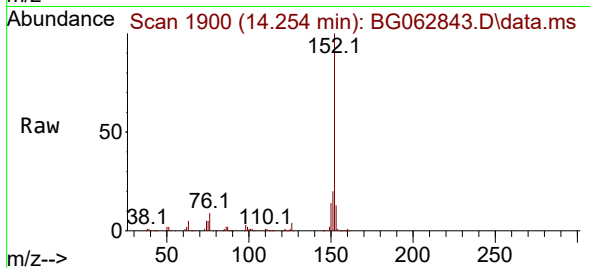
Tgt Ion:152 Resp: 451616

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.0 10.2 15.2



#51

3-Nitroaniline

Concen: 38.116 ng/ul

RT: 14.431 min Scan# 1930

Delta R.T. -0.002 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

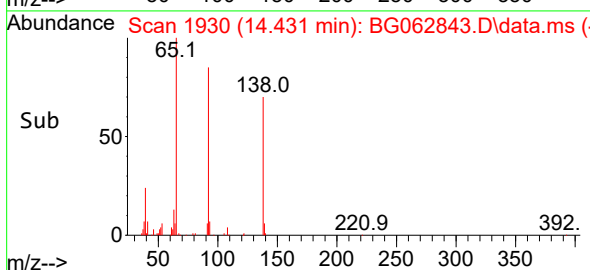
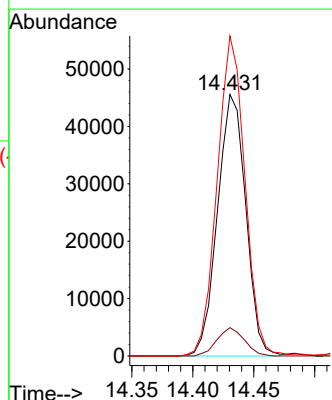
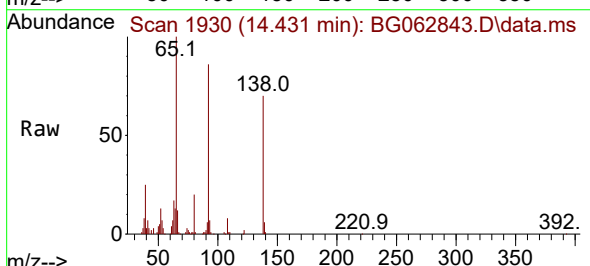
Tgt Ion:138 Resp: 73476

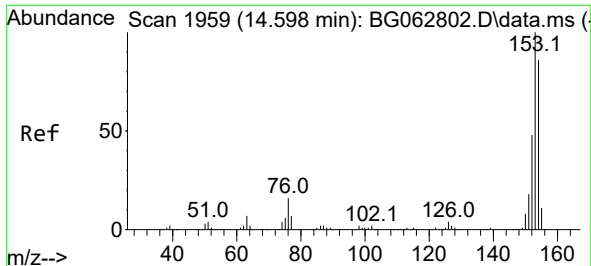
Ion Ratio Lower Upper

138 100

108 10.8 7.7 11.5

92 122.4 92.6 138.8

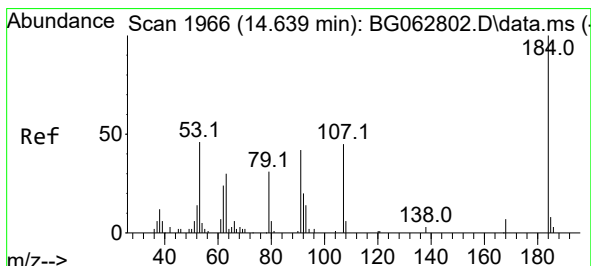
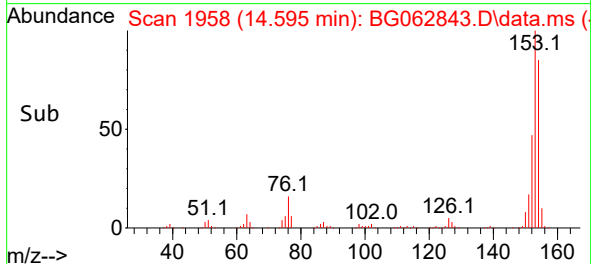
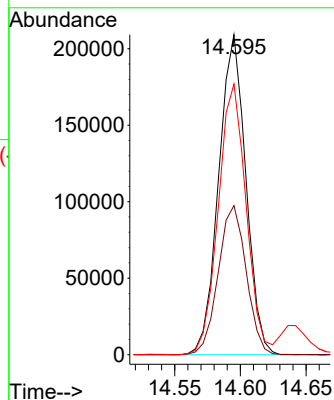
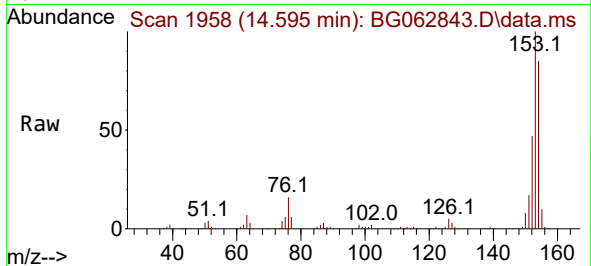




#52
Acenaphthene
Concen: 34.149 ng/ul
RT: 14.595 min Scan# 1959
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

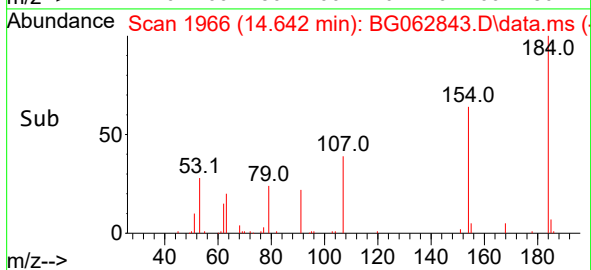
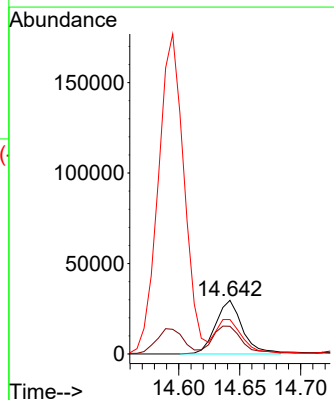
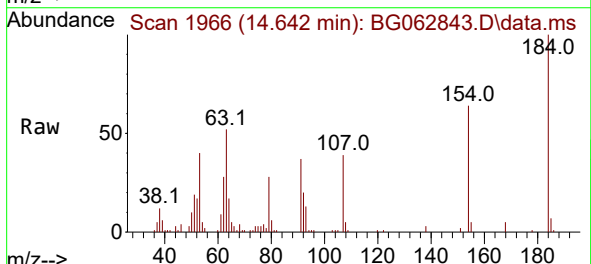
Instrument :
BNA_G
ClientSampleId :
SLCS400

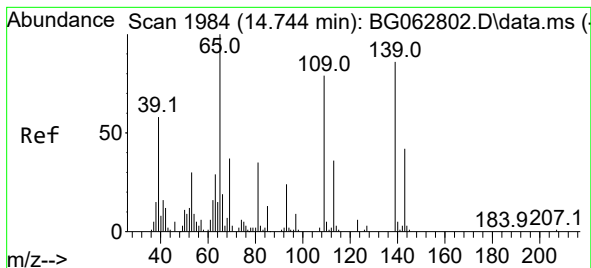
Tgt Ion:153 Resp: 300993
Ion Ratio Lower Upper
153 100
152 46.6 37.2 55.8
154 84.6 67.8 101.6



#53
2,4-Dinitrophenol
Concen: 35.677 ng/ul
RT: 14.642 min Scan# 1966
Delta R.T. 0.004 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion:184 Resp: 45360
Ion Ratio Lower Upper
184 100
63 51.7 49.0 73.4
154 64.2 50.4 75.6

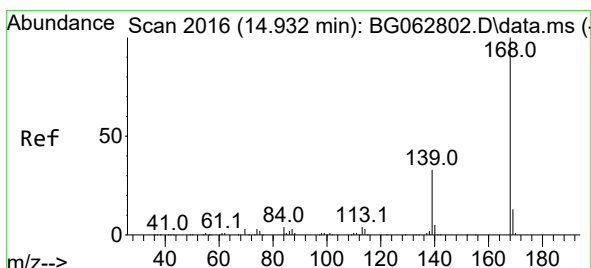
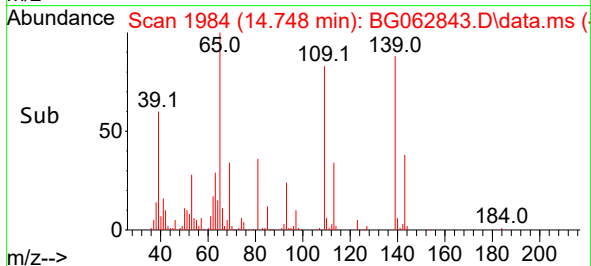
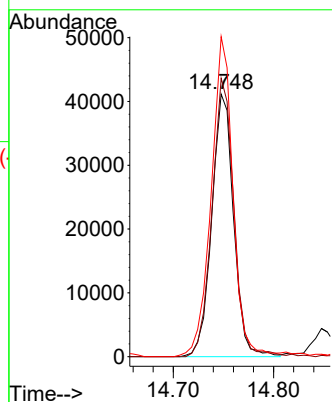
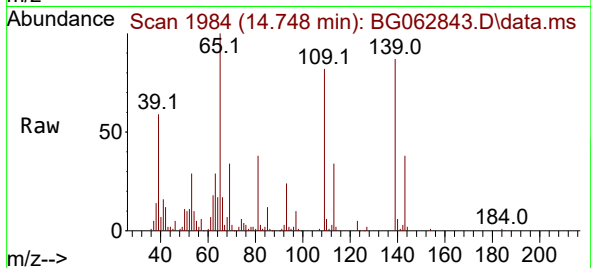




#55
4-Nitrophenol
Concen: 38.338 ng/ul
RT: 14.748 min Scan# 1984
Delta R.T. 0.004 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

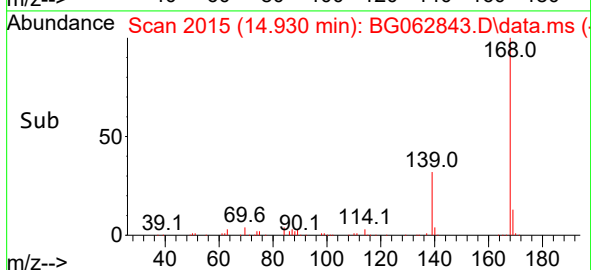
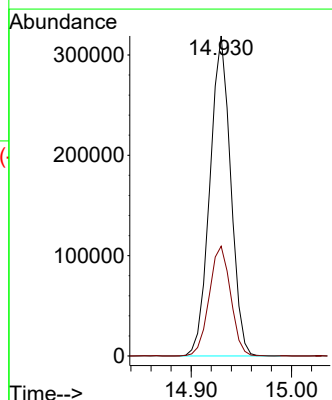
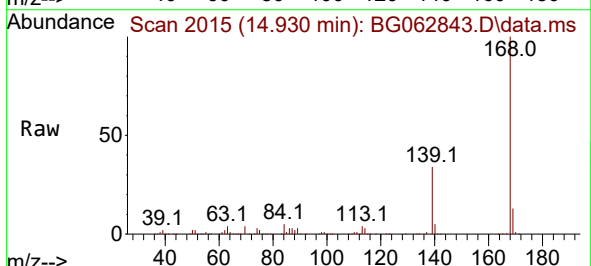
Instrument :
BNA_G
ClientSampleId :
SLCS400

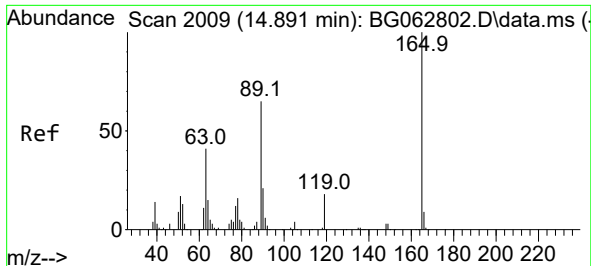
Tgt Ion:109 Resp: 62126
Ion Ratio Lower Upper
109 100
139 106.1 92.5 138.7
65 121.9 97.8 146.8



#56
Dibenzofuran
Concen: 35.046 ng/ul
RT: 14.930 min Scan# 2015
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion:168 Resp: 458876
Ion Ratio Lower Upper
168 100
139 34.3 27.6 41.4





#57

2,4-Dinitrotoluene

Concen: 39.619 ng/ul

RT: 14.895 min Scan# 2009

Delta R.T. 0.004 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

Instrument :

BNA_G

ClientSampleId :

SLCS400

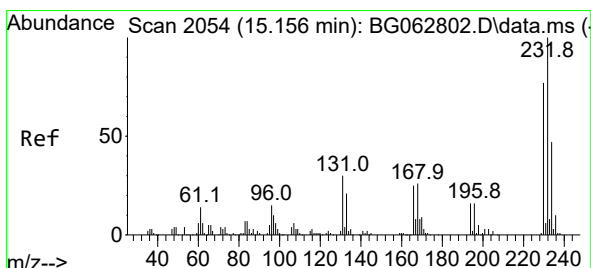
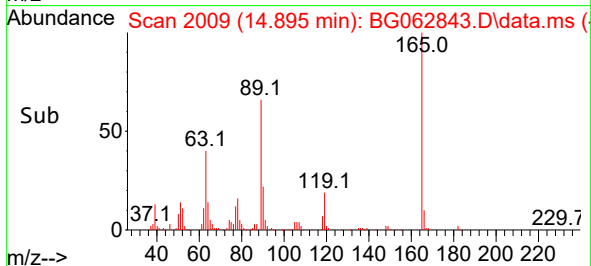
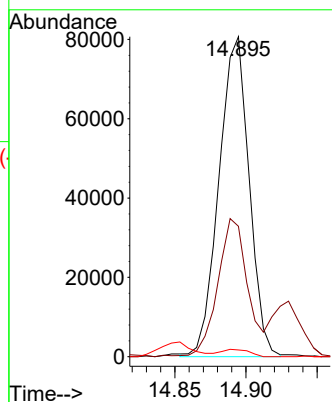
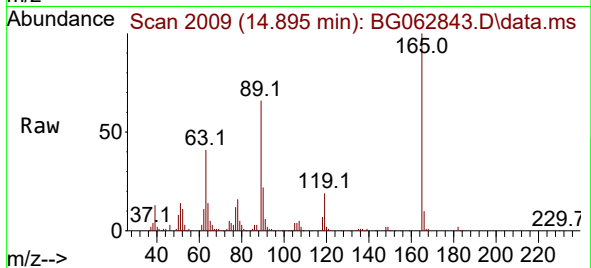
Tgt Ion:165 Resp: 119268

Ion Ratio Lower Upper

165 100

63 40.7 33.8 50.8

182 2.1 2.4 3.6#



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.472 ng/ul

RT: 15.159 min Scan# 2054

Delta R.T. 0.004 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

Tgt Ion:232 Resp: 98269

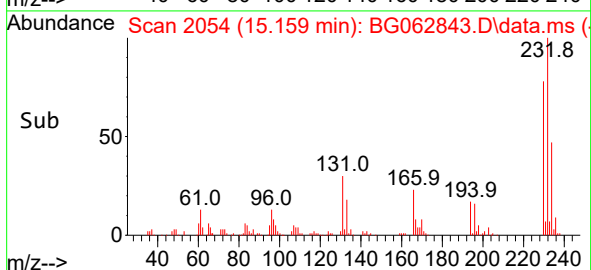
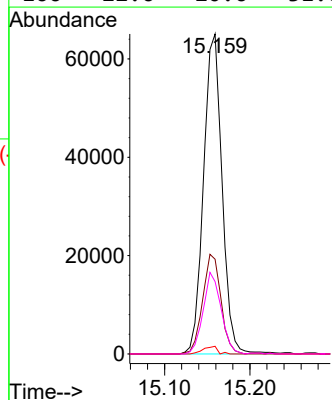
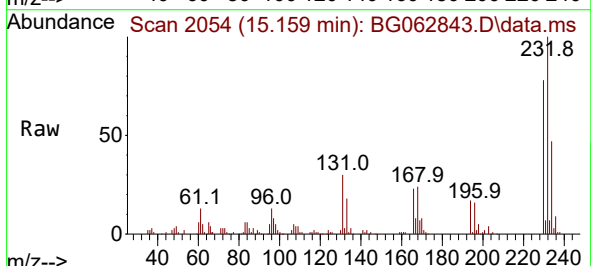
Ion Ratio Lower Upper

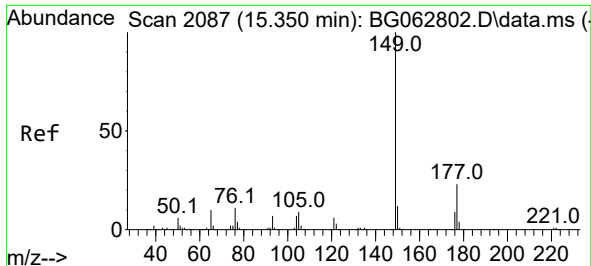
232 100

131 29.6 26.6 40.0

130 2.4 1.6 2.4

166 22.6 20.6 31.0

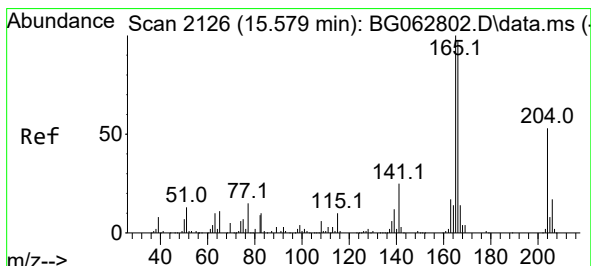
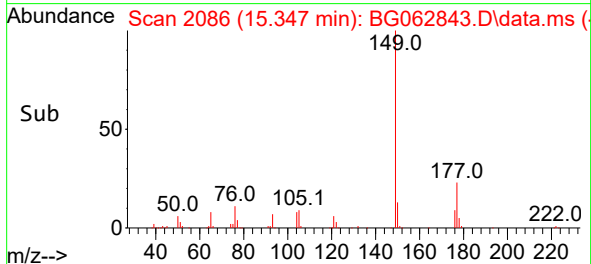
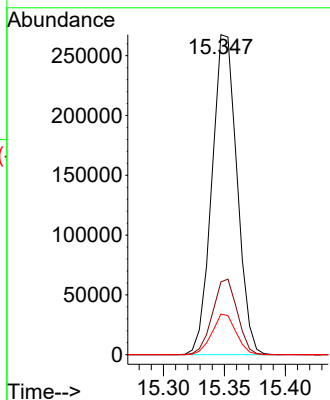
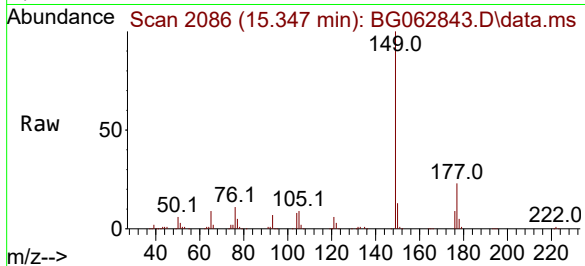




#59
Diethylphthalate
Concen: 35.603 ng/ul
RT: 15.347 min Scan# 2086
Delta R.T. -0.008 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

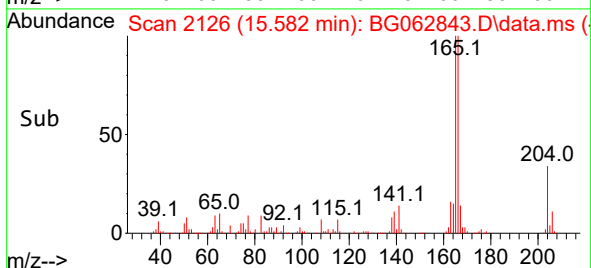
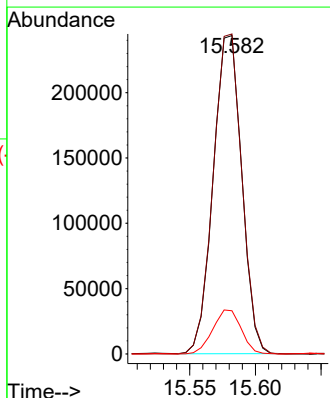
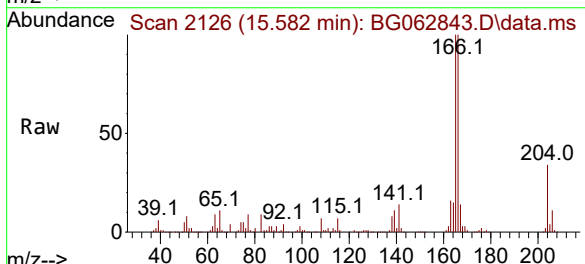
Instrument :
BNA_G
ClientSampleId :
SLCS400

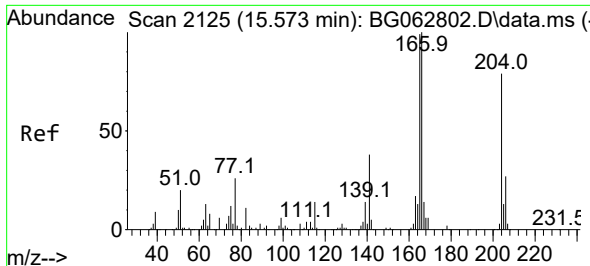
Tgt Ion:149 Resp: 383855
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 12.7 9.7 14.5



#61
Fluorene
Concen: 35.755 ng/ul
RT: 15.582 min Scan# 2126
Delta R.T. 0.004 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion:166 Resp: 367773
Ion Ratio Lower Upper
166 100
165 100.5 80.9 121.3
167 13.6 10.9 16.3

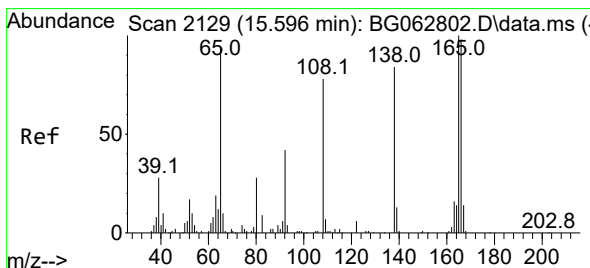
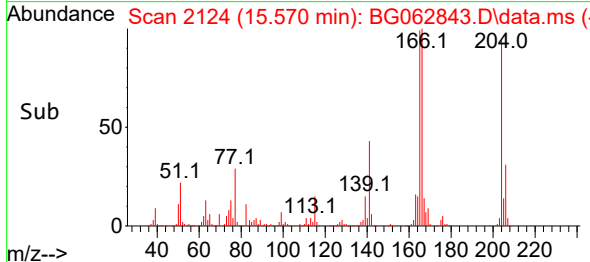
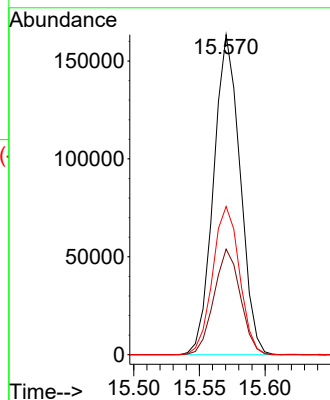
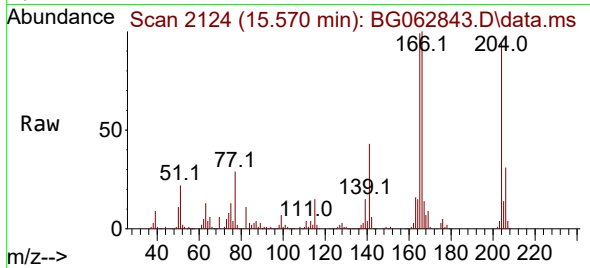




#62
4-Chlorophenyl-phenylether
Concen: 38.082 ng/ul
RT: 15.570 min Scan# 2125
Delta R.T. -0.008 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

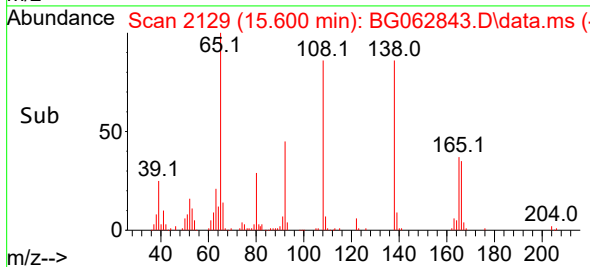
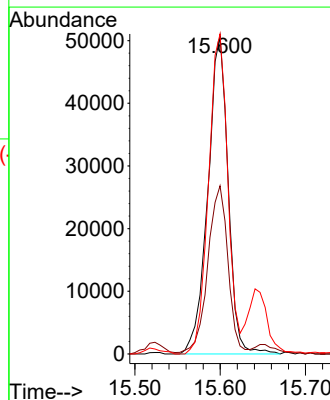
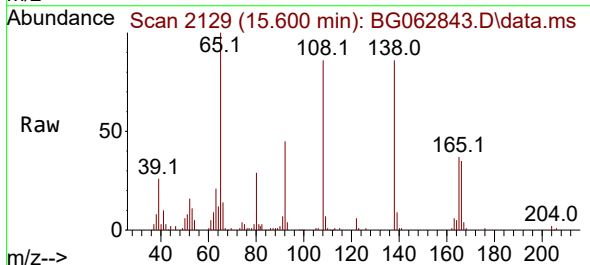
Instrument :
BNA_G
ClientSampleId :
SLCS400

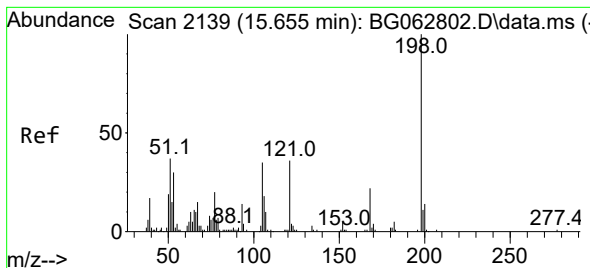
Tgt Ion:204 Resp: 229770
Ion Ratio Lower Upper
204 100
206 33.0 25.3 37.9
141 46.3 37.4 56.0



#63
4-Nitroaniline
Concen: 40.396 ng/ul
RT: 15.600 min Scan# 2129
Delta R.T. 0.004 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion:138 Resp: 83798
Ion Ratio Lower Upper
138 100
92 52.8 42.8 64.2
108 100.5 71.0 106.4

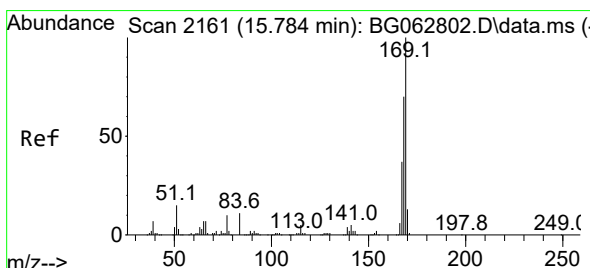
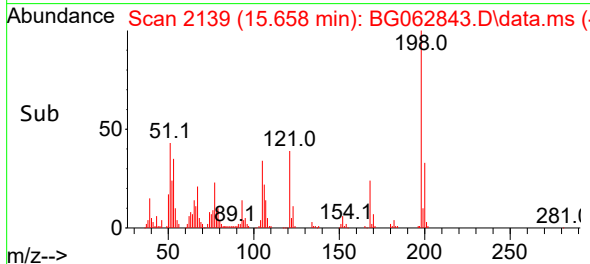
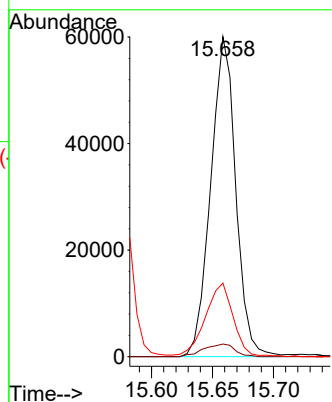
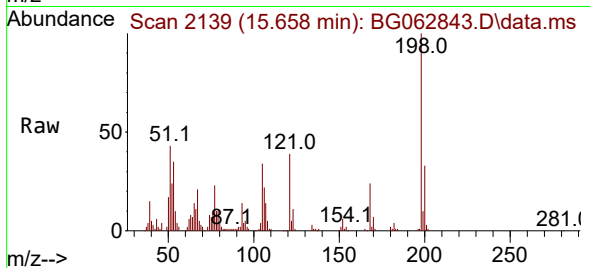




#66
 4,6-Dinitro-2-methylphenol
 Concen: 38.942 ng/ul
 RT: 15.658 min Scan# 2139
 Delta R.T. -0.002 min
 Lab File: BG062843.D
 Acq: 15 Sep 2024 12:21

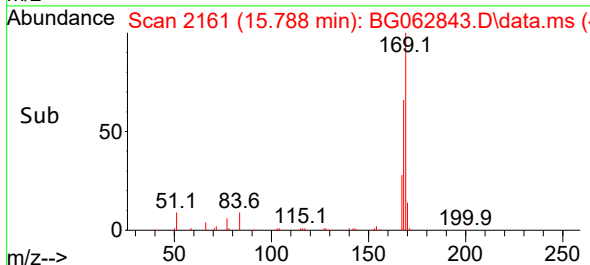
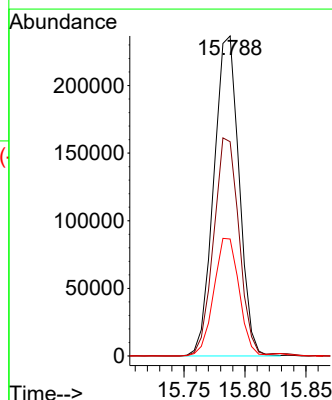
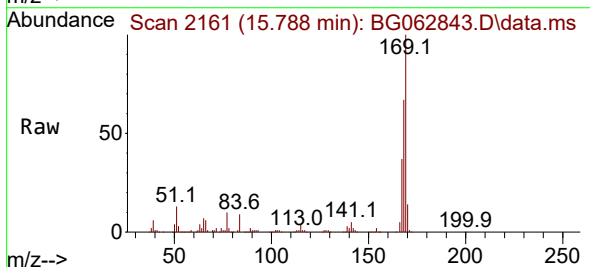
Instrument :
 BNA_G
 ClientSampleId :
 SLCS400

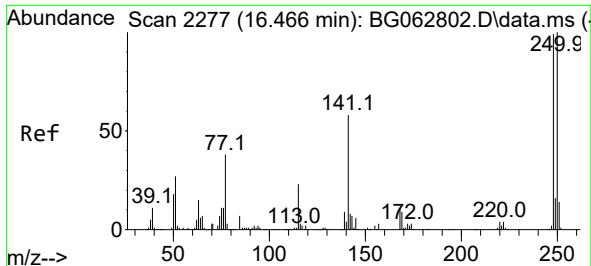
Tgt Ion:198 Resp: 85888
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.3 4.9
 77 23.0 15.0 22.6#



#67
 N-Nitrosodiphenylamine
 Concen: 35.926 ng/ul
 RT: 15.788 min Scan# 2161
 Delta R.T. -0.002 min
 Lab File: BG062843.D
 Acq: 15 Sep 2024 12:21

Tgt Ion:169 Resp: 340803
 Ion Ratio Lower Upper
 169 100
 168 67.0 55.7 83.5
 167 36.5 28.9 43.3

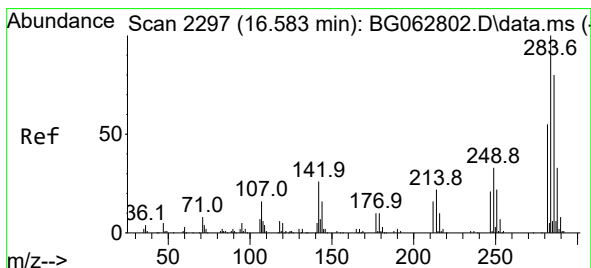
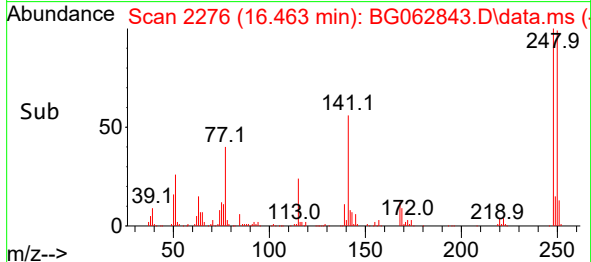
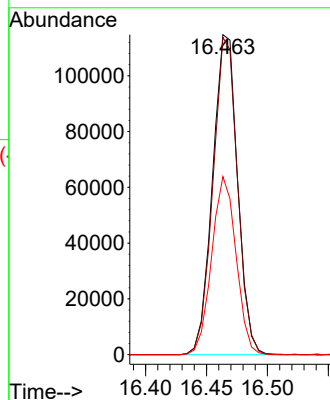
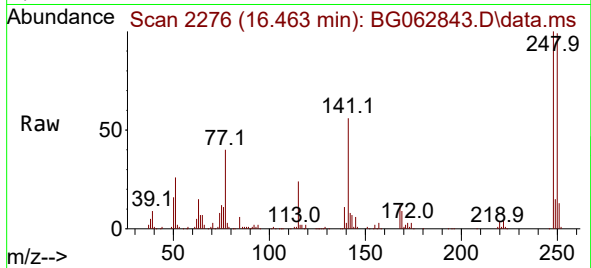




#68
4-Bromophenyl-phenylether
Concen: 38.413 ng/ul
RT: 16.463 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

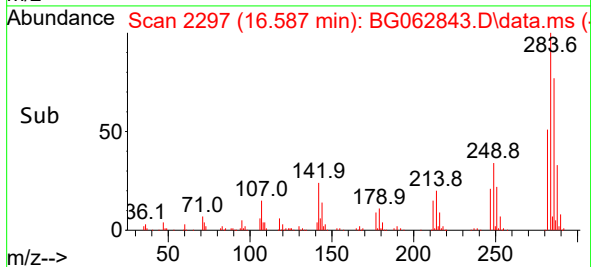
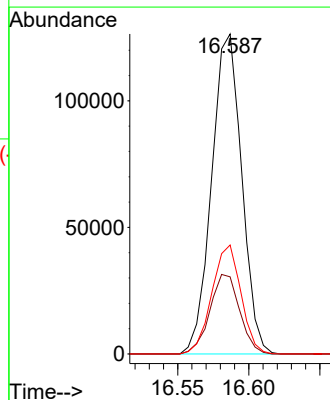
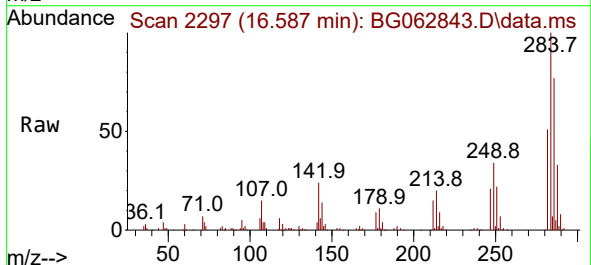
Instrument :
BNA_G
ClientSampleId :
SLCS400

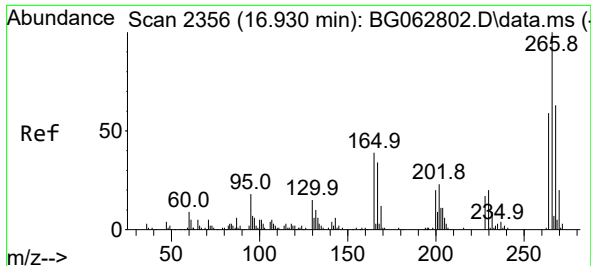
Tgt Ion:248 Resp: 163503
Ion Ratio Lower Upper
248 100
250 99.1 77.9 116.9
141 55.7 47.9 71.9



#69
Hexachlorobenzene
Concen: 38.233 ng/ul
RT: 16.587 min Scan# 2297
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion:284 Resp: 185805
Ion Ratio Lower Upper
284 100
142 22.5 18.6 27.8
249 31.7 23.7 35.5

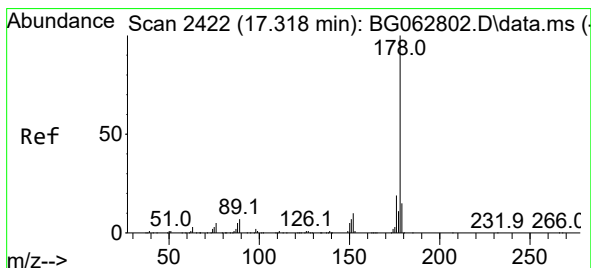
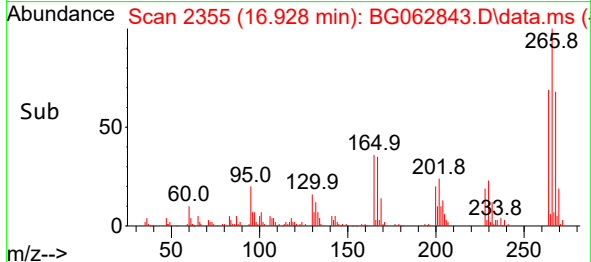
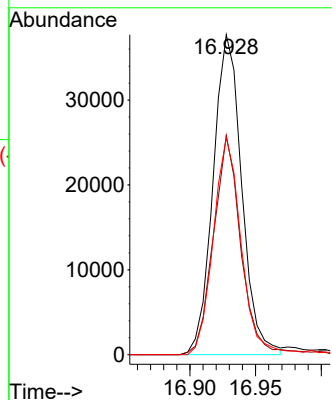
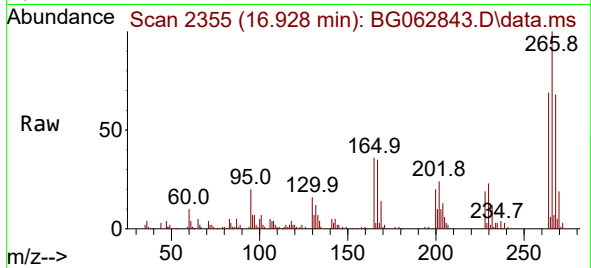




#71
 Pentachlorophenol
 Concen: 19.657 ng/ul
 RT: 16.928 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG062843.D
 Acq: 15 Sep 2024 12:21

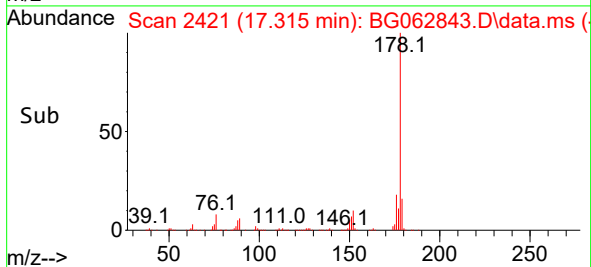
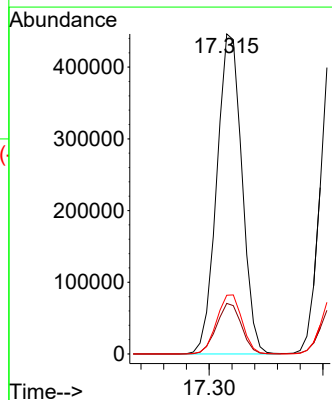
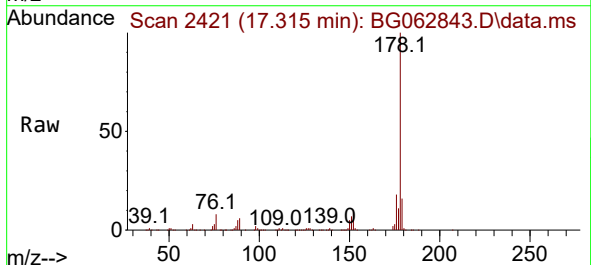
Instrument :
 BNA_G
 ClientSampleId :
 SLCS400

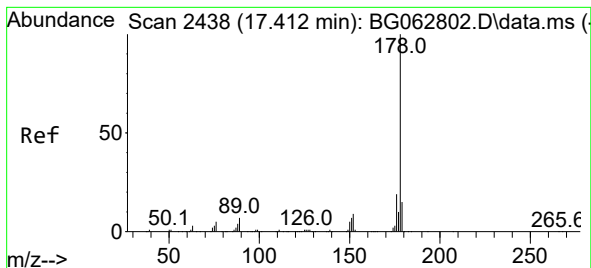
Tgt Ion:266 Resp: 57140
 Ion Ratio Lower Upper
 266 100
 264 68.5 48.6 72.8
 268 73.0 49.5 74.3



#72
 Phenanthrene
 Concen: 35.673 ng/ul
 RT: 17.315 min Scan# 2421
 Delta R.T. -0.008 min
 Lab File: BG062843.D
 Acq: 15 Sep 2024 12:21

Tgt Ion:178 Resp: 686192
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.1 18.1
 176 18.4 14.9 22.3





#74

Anthracene

Concen: 35.222 ng/ul

RT: 17.409 min Scan# 2438

Delta R.T. -0.002 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

Instrument :

BNA_G

ClientSampleId :

SLCS400

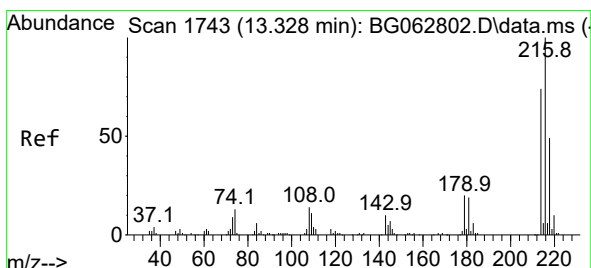
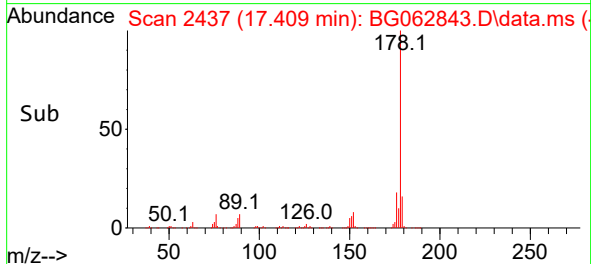
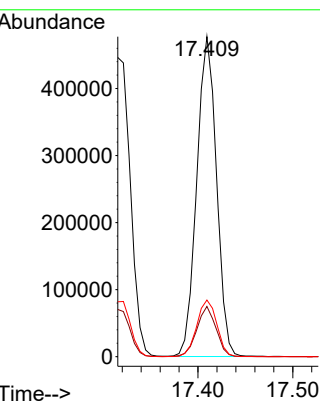
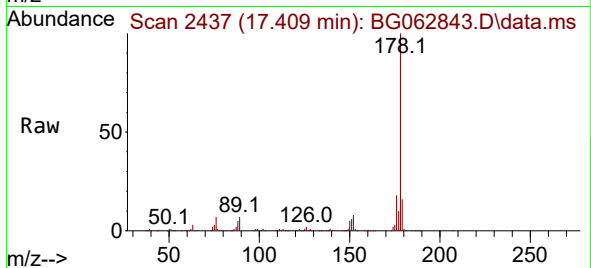
Tgt Ion:178 Resp: 690698

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 17.7 14.4 21.6



#75

1,2,3,4-Tetrachlorobenzene

Concen: 36.828 ng/ul

RT: 13.326 min Scan# 1742

Delta R.T. -0.008 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

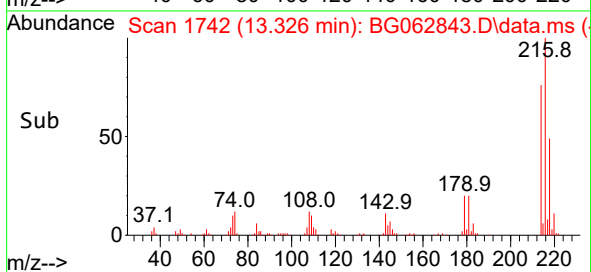
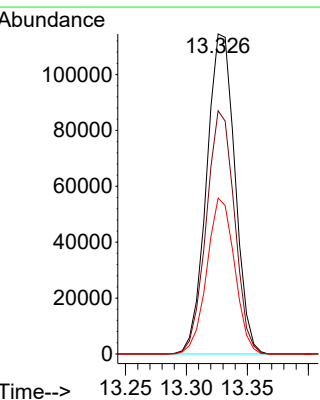
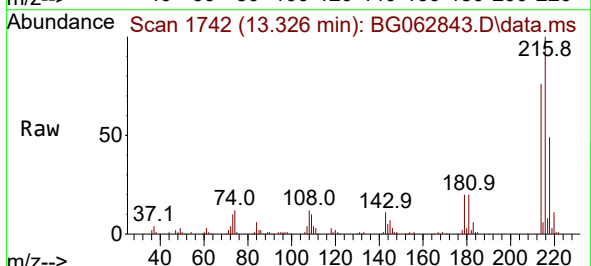
Tgt Ion:216 Resp: 186033

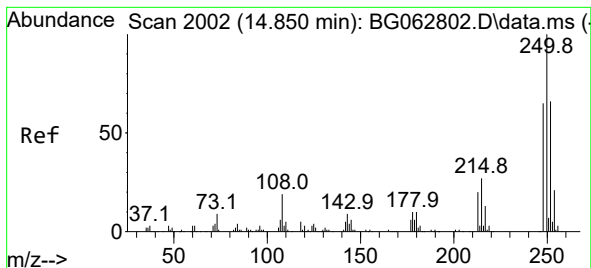
Ion Ratio Lower Upper

216 100

214 76.0 61.5 92.3

218 48.7 38.0 57.0





#76

Pentachlorobenzene

Concen: 35.808 ng/ul

RT: 14.848 min Scan# 2002

Delta R.T. -0.008 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

Instrument :

BNA_G

ClientSampleId :

SLCS400

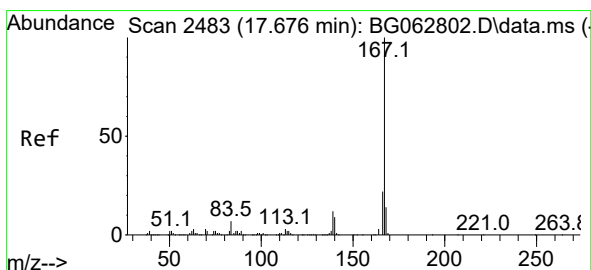
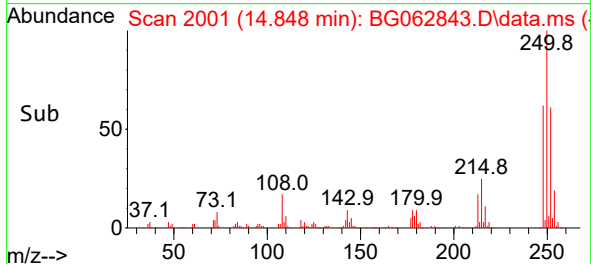
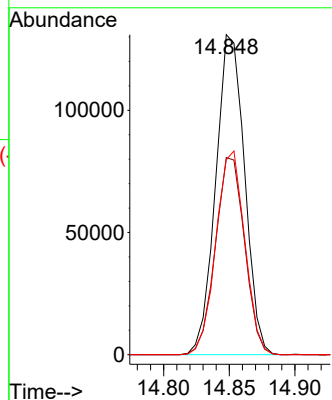
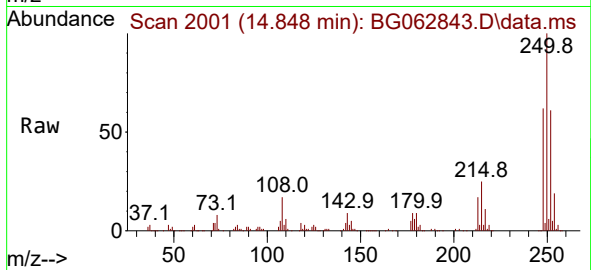
Tgt Ion:250 Resp: 200441

Ion Ratio Lower Upper

250 100

248 61.6 51.5 77.3

252 60.9 50.8 76.2



#77

Carbazole

Concen: 36.357 ng/ul

RT: 17.680 min Scan# 2483

Delta R.T. -0.002 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

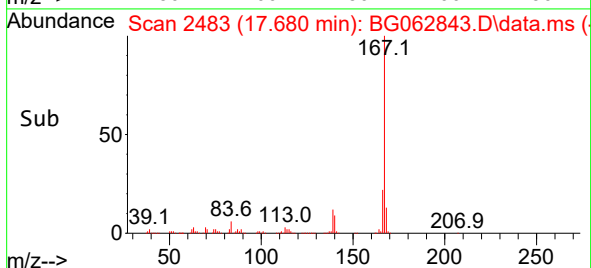
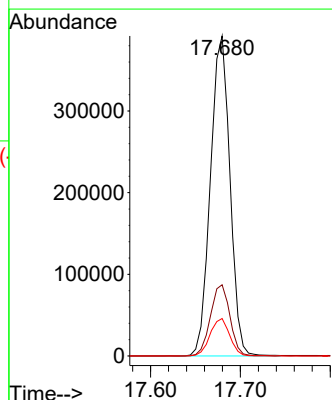
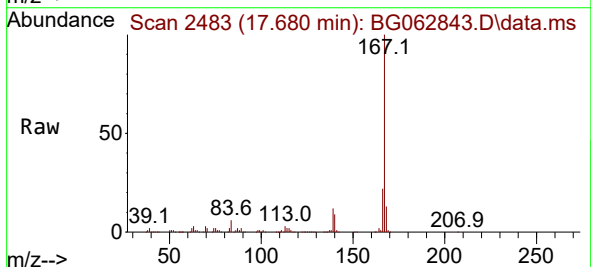
Tgt Ion:167 Resp: 591236

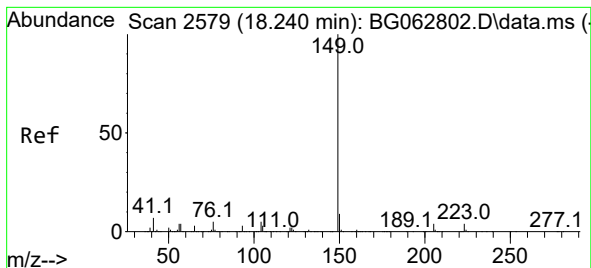
Ion Ratio Lower Upper

167 100

166 22.2 17.2 25.8

139 11.7 9.0 13.6





#78

Di-n-butylphthalate

Concen: 35.852 ng/ul

RT: 18.238 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

Instrument :

BNA_G

ClientSampleId :

SLCS400

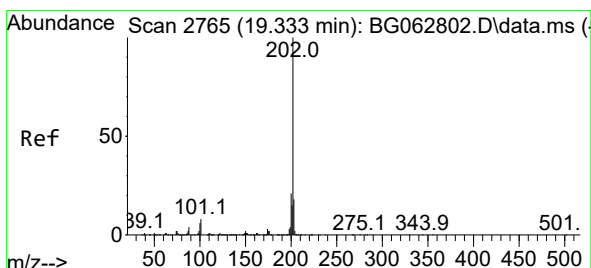
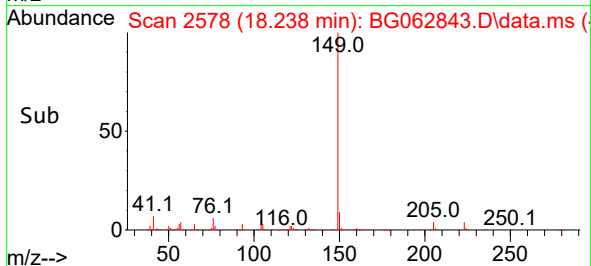
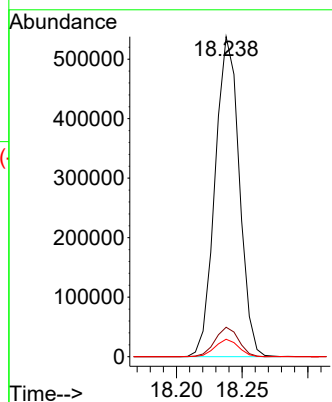
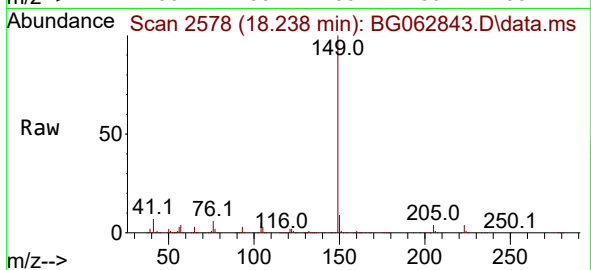
Tgt Ion:149 Resp: 689503

Ion Ratio Lower Upper

149 100

150 9.2 7.0 10.6

104 5.5 4.1 6.1



#80

Fluoranthene

Concen: 35.709 ng/ul

RT: 19.331 min Scan# 2764

Delta R.T. -0.002 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

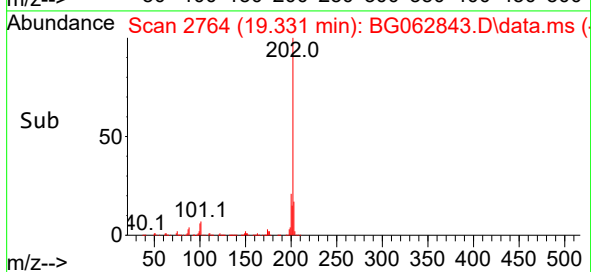
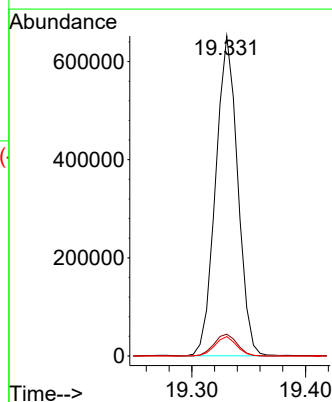
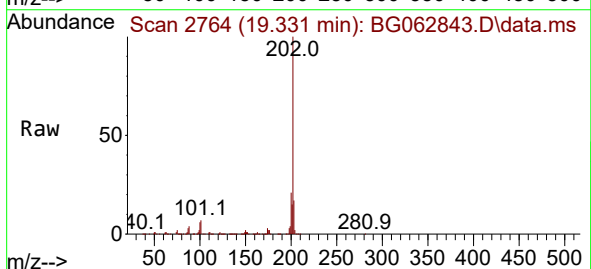
Tgt Ion:202 Resp: 880644

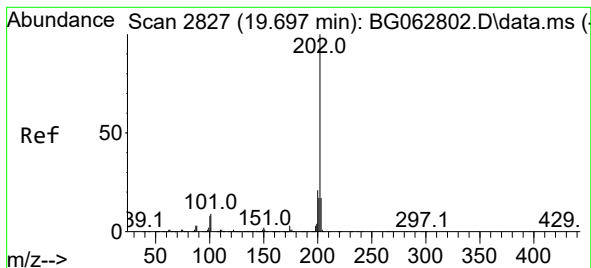
Ion Ratio Lower Upper

202 100

101 6.8 6.6 10.0

100 6.1 5.3 7.9





#82

Pyrene

Concen: 34.725 ng/ul

RT: 19.695 min Scan# 2

Delta R.T. -0.002 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

Instrument :

BNA_G

ClientSampleId :

SLCS400

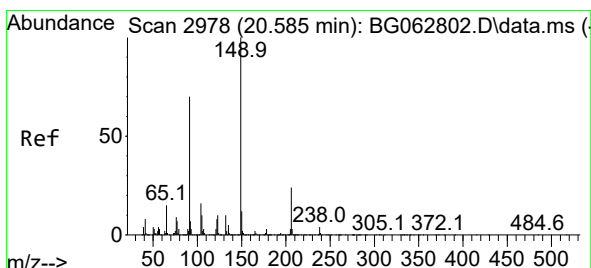
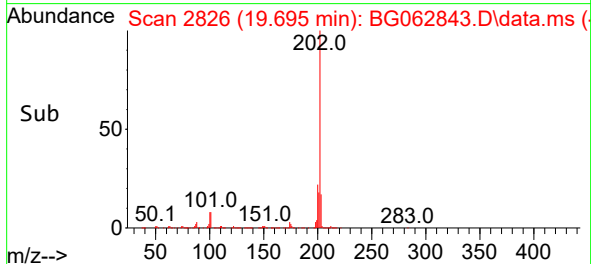
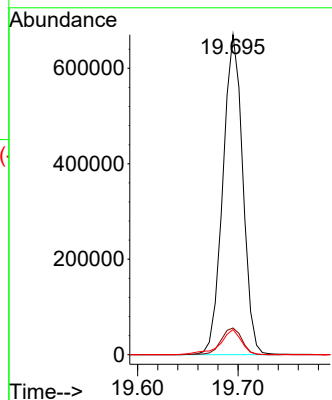
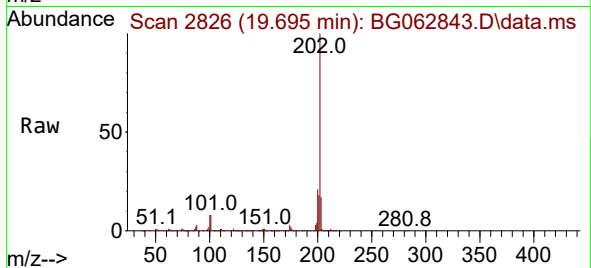
Tgt Ion:202 Resp: 921851

Ion Ratio Lower Upper

202 100

101 8.4 7.7 11.5

100 7.8 6.5 9.7



#83

Butylbenzylphthalate

Concen: 38.797 ng/ul

RT: 20.588 min Scan# 2978

Delta R.T. -0.002 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

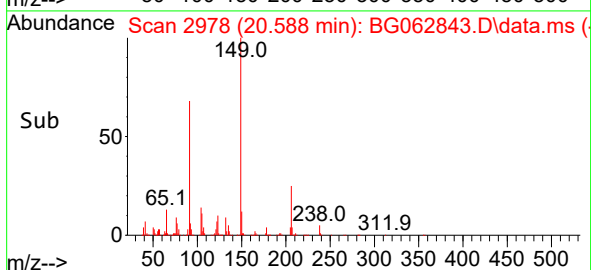
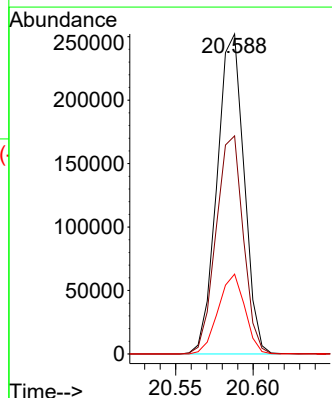
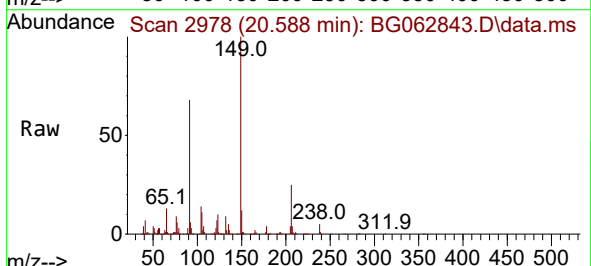
Tgt Ion:149 Resp: 305750

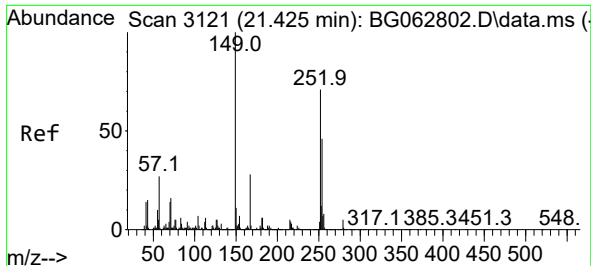
Ion Ratio Lower Upper

149 100

91 68.2 57.3 85.9

206 25.0 20.4 30.6

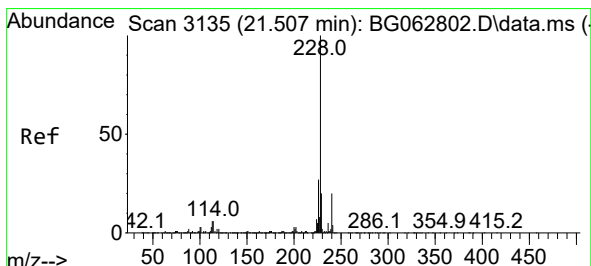
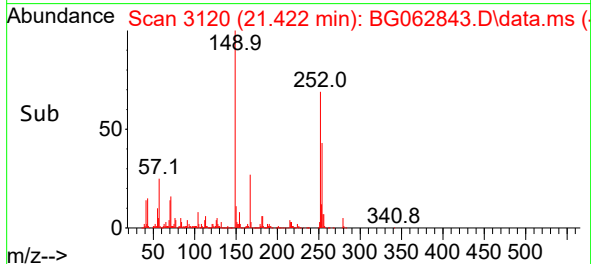
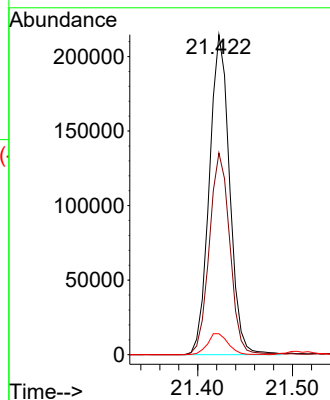
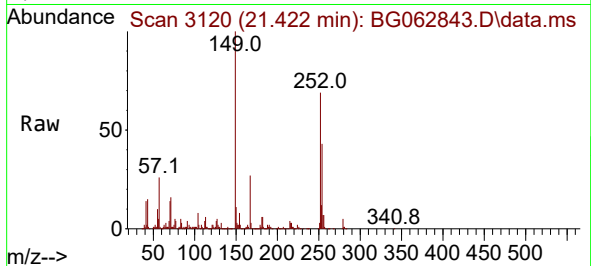




#84
3,3'-Dichlorobenzidine
Concen: 38.249 ng/ul
RT: 21.422 min Scan# 3121
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

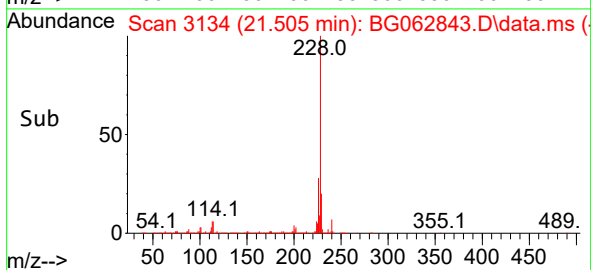
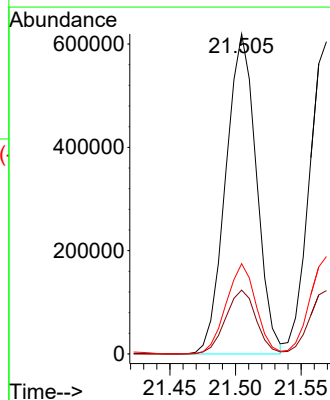
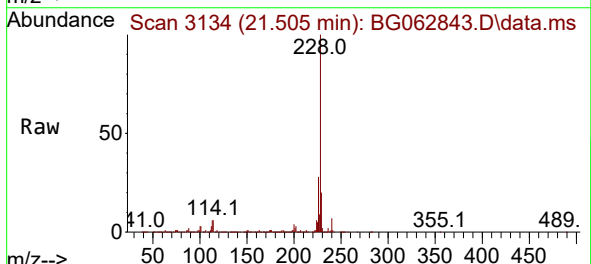
Instrument :
BNA_G
ClientSampleId :
SLCS400

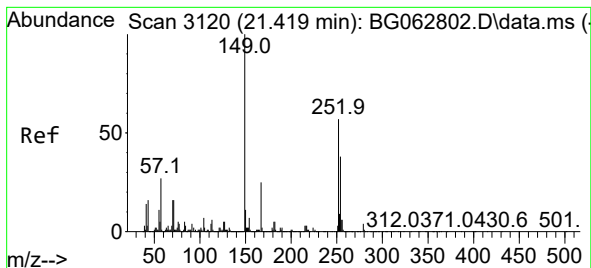
Tgt Ion:252 Resp: 318650
Ion Ratio Lower Upper
252 100
254 63.1 51.8 77.6
126 6.6 6.0 9.0



#85
Benzo(a)anthracene
Concen: 36.584 ng/ul
RT: 21.505 min Scan# 3134
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion:228 Resp: 1006860
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 28.2 21.6 32.4

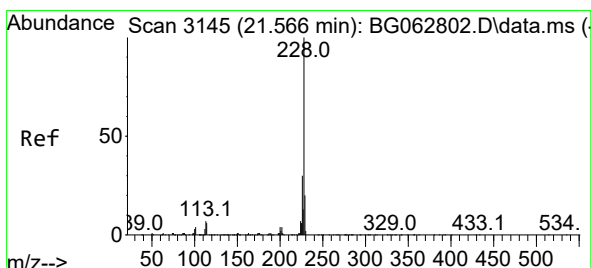
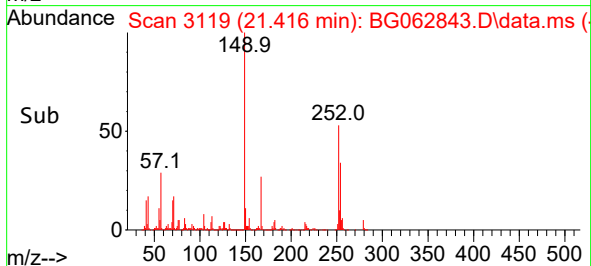
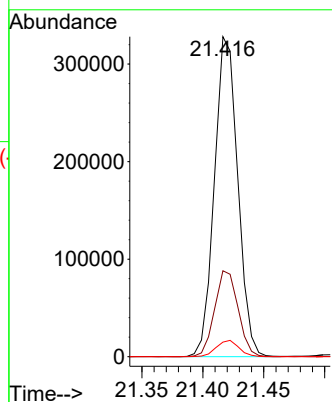
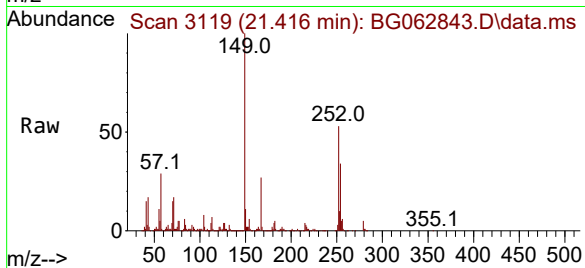




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 37.714 ng/ul
 RT: 21.416 min Scan# 3119
 Delta R.T. -0.008 min
 Lab File: BG062843.D
 Acq: 15 Sep 2024 12:21

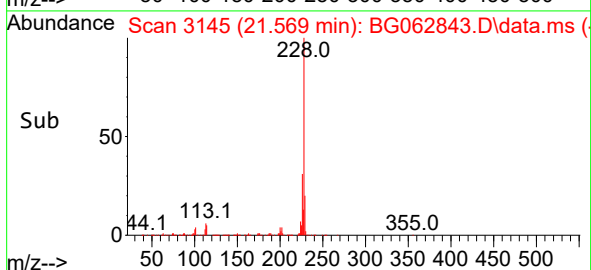
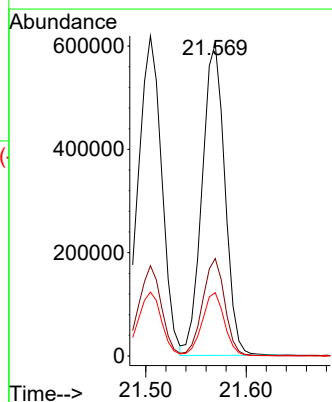
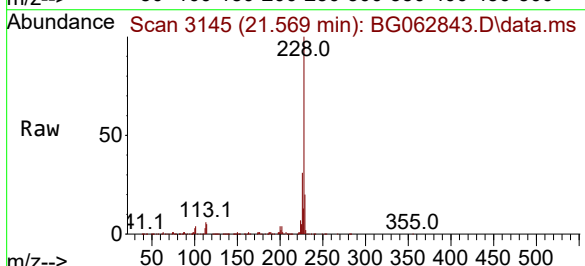
Instrument :
 BNA_G
 ClientSampleId :
 SLCS400

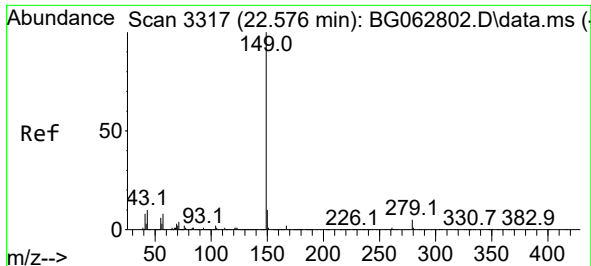
Tgt Ion:149 Resp: 437632
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 4.5 3.8 5.6



#87
 Chrysene
 Concen: 36.326 ng/ul
 RT: 21.569 min Scan# 3145
 Delta R.T. -0.002 min
 Lab File: BG062843.D
 Acq: 15 Sep 2024 12:21

Tgt Ion:228 Resp: 948460
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.2 36.2
 229 20.3 15.4 23.0

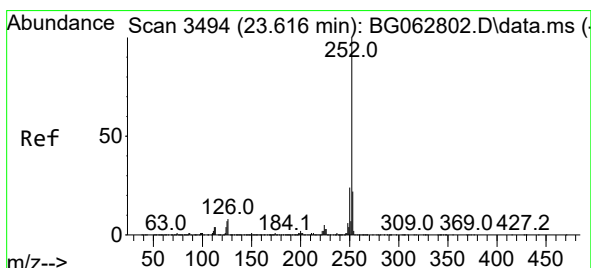
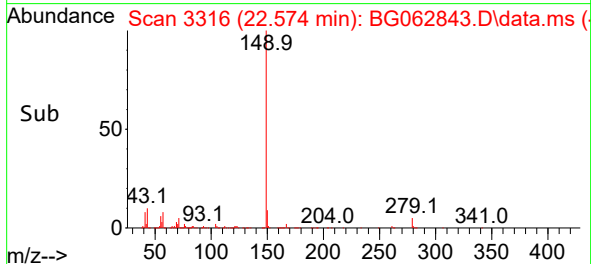
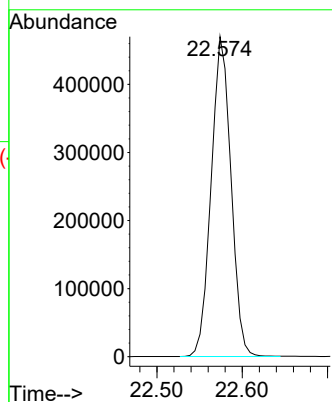
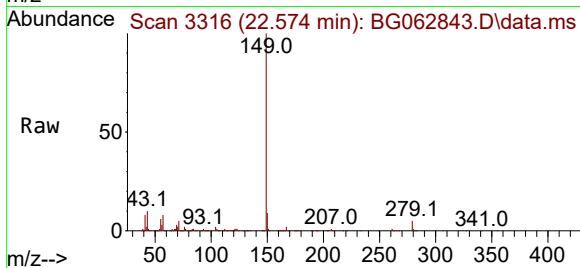




#89
Di-n-octyl phthalate
Concen: 37.665 ng/ul
RT: 22.574 min Scan# 3317
Delta R.T. -0.008 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Instrument :
BNA_G
ClientSampleId :
SLCS400

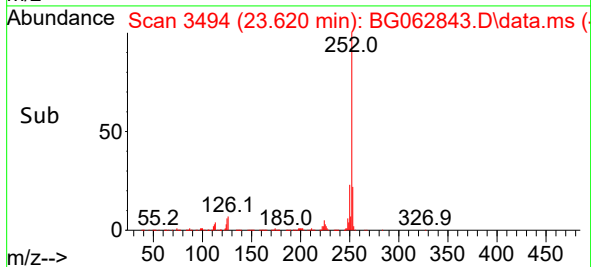
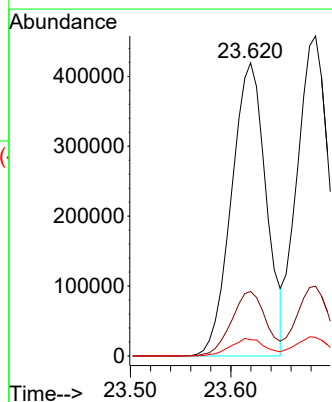
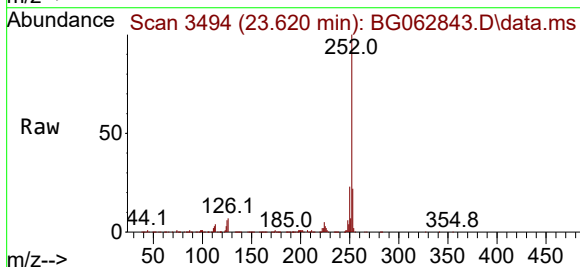
Tgt Ion:149 Resp: 759673

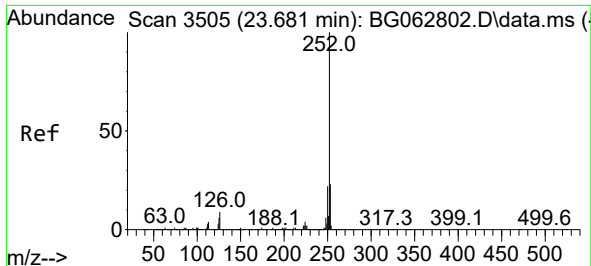


#90
Benzo(b)fluoranthene
Concen: 37.576 ng/ul
RT: 23.620 min Scan# 3494
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion:252 Resp: 1005971

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	5.5	5.4	8.0

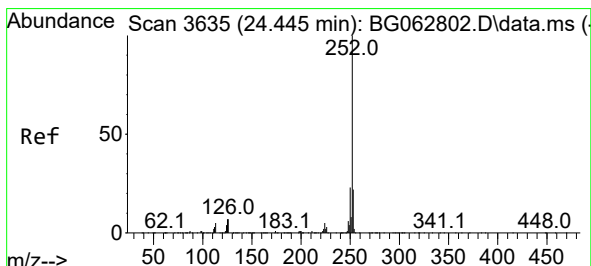
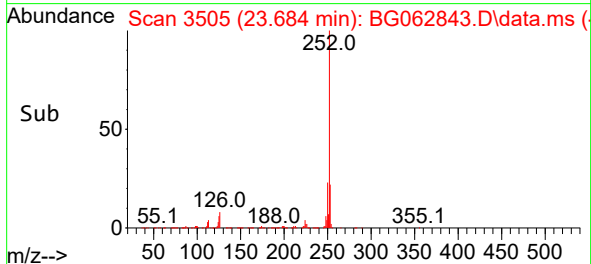
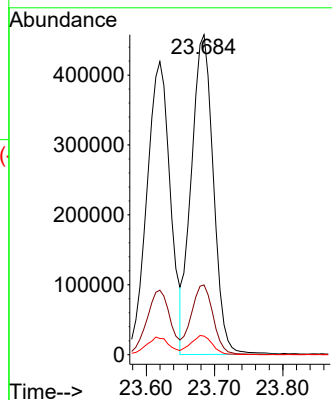
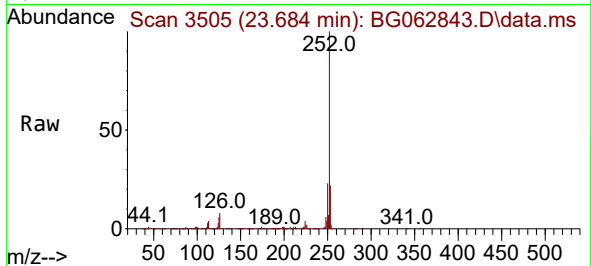




#91
Benzo(k)fluoranthene
Concen: 37.359 ng/ul
RT: 23.684 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

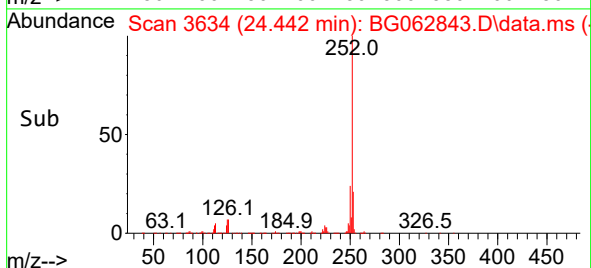
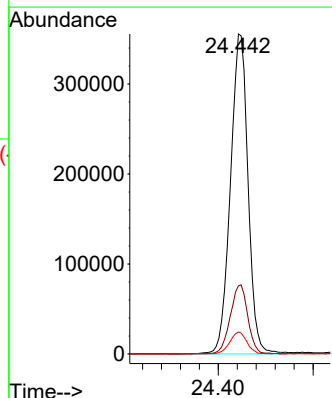
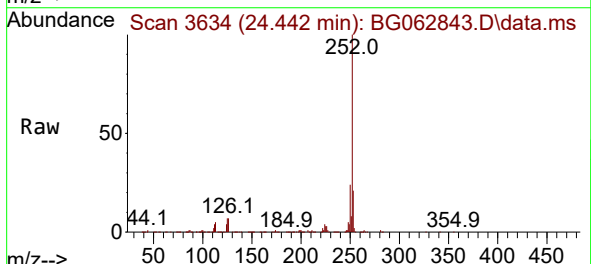
Instrument :
BNA_G
ClientSampleId :
SLCS400

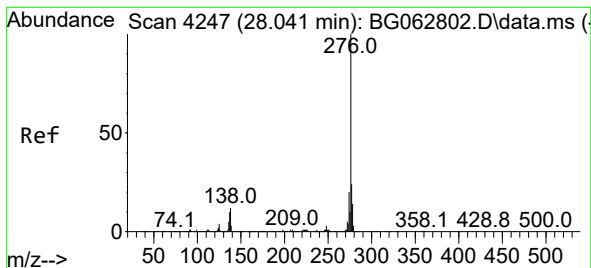
Tgt Ion:252 Resp: 1024098
Ion Ratio Lower Upper
252 100
253 21.8 16.9 25.3
125 5.8 5.7 8.5



#93
Benzo(a)pyrene
Concen: 36.238 ng/ul
RT: 24.442 min Scan# 3634
Delta R.T. -0.002 min
Lab File: BG062843.D
Acq: 15 Sep 2024 12:21

Tgt Ion:252 Resp: 915047
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 6.9 6.1 9.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 38.102 ng/ul

RT: 28.038 min Scan# 41

Delta R.T. -0.008 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

Instrument :

BNA_G

ClientSampleId :

SLCS400

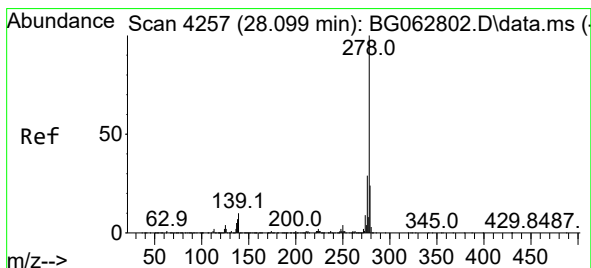
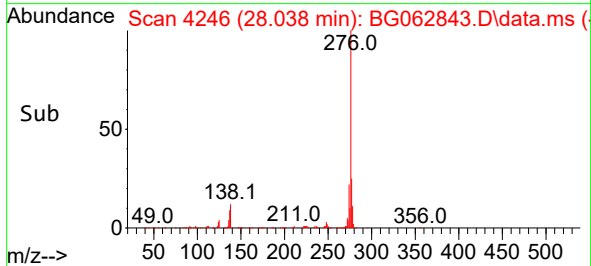
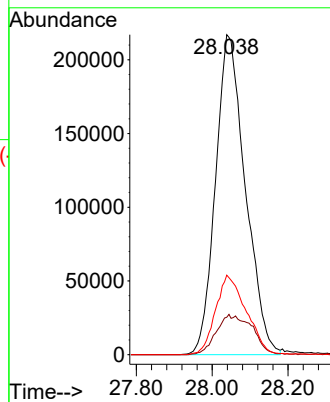
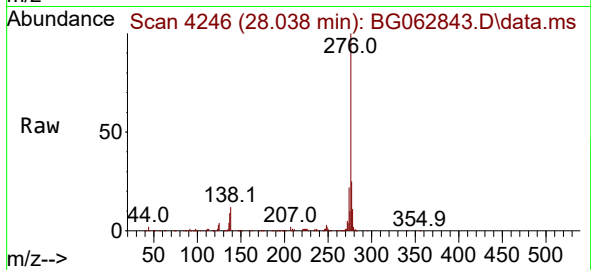
Tgt Ion:276 Resp: 1185402

Ion Ratio Lower Upper

276 100

138 11.7 11.4 17.2

277 24.9 18.9 28.3



#95

Dibenzo(a,h)anthracene

Concen: 39.020 ng/ul

RT: 28.103 min Scan# 4257

Delta R.T. 0.004 min

Lab File: BG062843.D

Acq: 15 Sep 2024 12:21

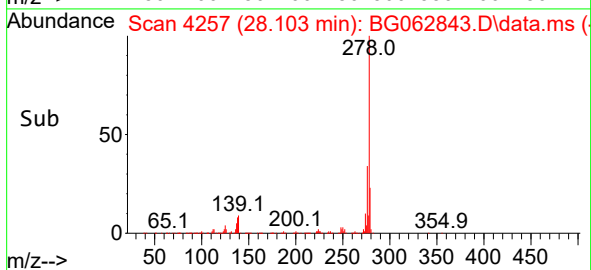
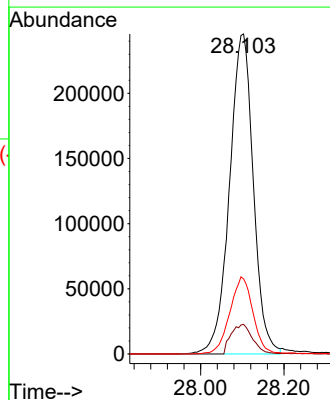
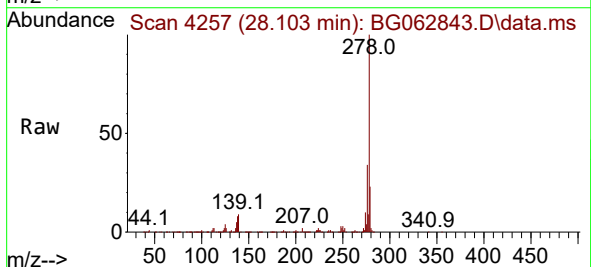
Tgt Ion:278 Resp: 975099

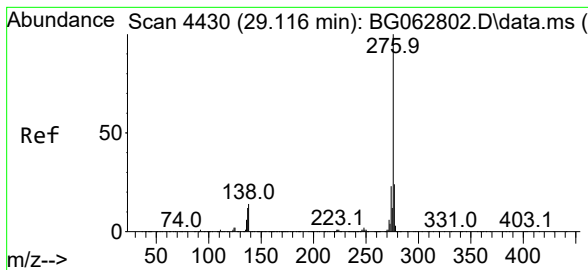
Ion Ratio Lower Upper

278 100

139 9.2 7.8 11.8

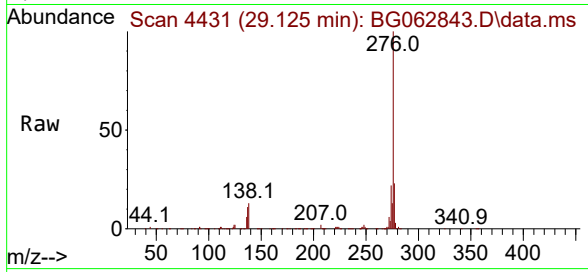
279 23.5 18.6 28.0





#96
 Benzo(g,h,i)perylene
 Concen: 39.230 ng/ul
 RT: 29.125 min Scan# 44
 Delta R.T. -0.002 min
 Lab File: BG062843.D
 Acq: 15 Sep 2024 12:21

Instrument :
 BNA_G
 ClientSampleId :
 SLCS400



Tgt Ion:	276	Resp:	942637
Ion	Ratio	Lower	Upper
276	100		
138	12.9	11.8	17.6
277	22.9	18.4	27.6

