

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
 Data File : BG059374.D
 Acq On : 8 Oct 2023 13:11
 Operator : MA/JU
 Sample : PB155979BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS979

Quant Time: Oct 09 01:01:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 22:45:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	44977	20.000	ng/ul	0.00
20) Naphthalene-d8	11.072	136	219519	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.862	164	150001	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.711	188	656768	20.000	ng/ul	0.10
79) Chrysene-d12	21.918	240	300875	20.000	ng/ul	0.00
88) Perylene-d12	25.402	264	348923	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	10364	8.216	ng/uL	0.00
4) Pyridine-d5	3.963	84	140695	38.749	ng/ul	0.00
7) Phenol-d5	7.359	99	200729	40.419	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	113551	40.453	ng/ul	0.00
11) 2-Chlorophenol-d4	7.746	132	140458	40.439	ng/ul	0.00
15) 4-Methylphenol-d8	8.927	113	150090	38.789	ng/ul	0.00
21) Nitrobenzene-d5	9.433	128	78341	41.923	ng/ul	0.00
24) 2-Nitrophenol-d4	10.144	143	86375	42.706	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	159032	43.563	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	219314	37.820	ng/ul	0.00
46) Dimethylphthalate-d6	14.262	166	482060	39.227	ng/ul	0.00
49) Acenaphthylene-d8	14.568	160	592452	40.511	ng/ul	0.00
54) 4-Nitrophenol-d4	15.061	143	88818	38.568	ng/ul	0.00
60) Fluorene-d10	15.855	176	451084	38.455	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.966	200	93870	21.648	ng/ul	0.00
73) Anthracene-d10	17.711	188	656277	20.370	ng/ul	0.00
81) Pyrene-d10	19.991	212	748059	41.042	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.161	264	745169	40.584	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.569	88	21225	15.762	ng/uL#	78
5) Pyridine	3.980	79	131584	35.893	ng/ul	92
6) Benzaldehyde	7.370	77	92537	44.921	ng/ul	94
8) Phenol	7.388	94	203440	41.426	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.646	93	154002	40.720	ng/ul	100
12) 2-Chlorophenol	7.782	128	148659	40.618	ng/ul#	83
13) 2-Methylphenol	8.657	108	147947	40.317	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.733	45	330092	41.715	ng/ul	99
16) Acetophenone	9.074	105	236993	40.305	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.039	70	115381	39.382	ng/ul	89
18) 4-Methylphenol	8.992	108	163610	40.545	ng/ul	89
19) Hexachloroethane	9.309	117	55166	41.439	ng/ul#	78
22) Nitrobenzene	9.474	77	170238	41.555	ng/ul#	97
23) Isophorone	9.979	82	370726	42.379	ng/ul	98
25) 2-Nitrophenol	10.179	139	91674	43.948	ng/ul	96
26) 2,4-Dimethylphenol	10.208	107	131780	32.025	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.461	93	228654	43.497	ng/ul	99
29) 2,4-Dichlorophenol	10.702	162	159858	43.486	ng/ul	97
30) Naphthalene	11.119	128	532074	41.908	ng/ul	97
32) 4-Chloroaniline	11.242	127	201403	36.714	ng/ul	99
33) Hexachlorobutadiene	11.348	225	93500	42.125	ng/ul#	90
34) Caprolactam	12.024	113	37931	28.415	ng/ul#	84
35) 4-Chloro-3-methylphenol	12.323	107	169347	42.931	ng/ul	98
36) 2-Methylnaphthalene	12.705	142	361085	42.661	ng/ul	96

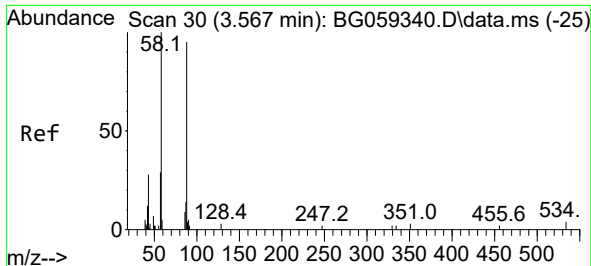
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.923	142	363170	41.326	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.052	216	198897	44.515	ng/ul	97
40) Hexachlorocyclopentadiene	13.005	237	94030	35.054	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.299	196	127796	42.153	ng/ul	95
42) 2,4,5-Trichlorophenol	13.369	196	139957	42.505	ng/ul	95
43) 1,1'-Biphenyl	13.698	154	530076	42.936	ng/ul	98
44) 2-Chloronaphthalene	13.751	162	395607	41.687	ng/ul	98
45) 2-Nitroaniline	13.974	65	127595	41.060	ng/ul	97
47) Dimethylphthalate	14.309	163	503934	40.802	ng/ul	98
48) 2,6-Dinitrotoluene	14.456	165	101939	40.911	ng/ul	98
50) Acenaphthylene	14.597	152	644686	41.011	ng/ul	98
51) 3-Nitroaniline	14.797	138	109431	44.851	ng/ul	93
52) Acenaphthene	14.932	153	440353	41.401	ng/ul	99
53) 2,4-Dinitrophenol	14.991	184	57359	32.048	ng/ul	91
55) 4-Nitrophenol	15.073	109	62309	40.101	ng/ul	94
56) Dibenzofuran	15.261	168	595322	40.565	ng/ul	99
57) 2,4-Dinitrotoluene	15.232	165	145213	39.793	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.473	232	125422	39.697	ng/ul#	93
59) Diethylphthalate	15.655	149	479115	39.004	ng/ul	100
61) Fluorene	15.907	166	499646	40.014	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.890	204	251050	40.689	ng/ul	97
63) 4-Nitroaniline	15.960	138	104990	47.797	ng/ul	99
67) N-Nitrosodiphenylamine	16.113	169	407081	21.903	ng/ul	97
68) 4-Bromophenyl-phenylether	16.789	248	153271	21.977	ng/ul	97
69) Hexachlorobenzene	16.883	284	175787	22.082	ng/ul	99
70) Atrazine	17.047	200	136382	18.508	ng/ul	96
71) Pentachlorophenol	17.241	266	100297	21.678	ng/ul	92
72) Phenanthrene	17.752	178	838270	21.551	ng/ul	99
74) Anthracene	17.752	178	837619	21.173	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.663	216	195337	22.893	ng/uL	93
76) Pentachlorobenzene	15.155	250	182445	20.660	ng/uL	97
77) Carbazole	18.028	167	710700	21.587	ng/ul	98
78) Di-n-butylphthalate	18.528	149	845298	21.702	ng/ul	99
80) Fluoranthene	19.650	202	960119	42.334	ng/ul	99
82) Pyrene	20.020	202	991943	42.084	ng/ul	97
83) Butylbenzylphthalate	20.866	149	367733	42.224	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.812	252	333000	44.365	ng/ul	95
85) Benzo(a)anthracene	21.895	228	957692	41.677	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.724	149	554001	42.533	ng/ul	99
87) Chrysene	21.965	228	899789	41.688	ng/ul	97
89) Di-n-octyl phthalate	23.017	149	950372	43.166	ng/ul	100
90) Benzo(b)fluoranthene	24.280	252	962991	41.888	ng/ul	99
91) Benzo(k)fluoranthene	24.350	252	1009482	43.246	ng/ul	98
93) Benzo(a)pyrene	25.238	252	939351	42.895	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.427	276	553104	21.926	ng/ul	96
95) Dibenzo(a,h)anthracene	29.515	278	875924	42.704	ng/ul	97
96) Benzo(g,h,i)perylene	30.714	276	869608	43.225	ng/ul	94

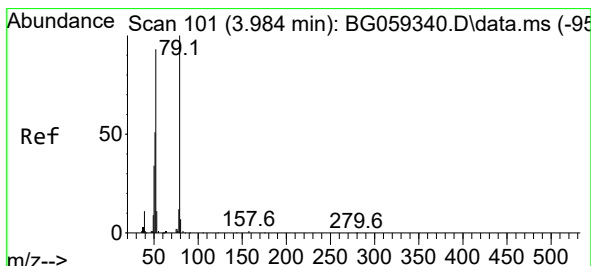
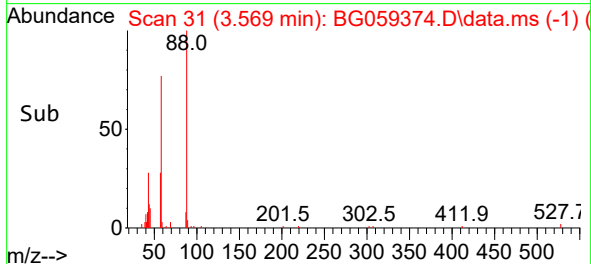
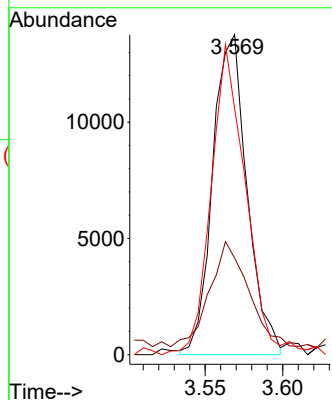
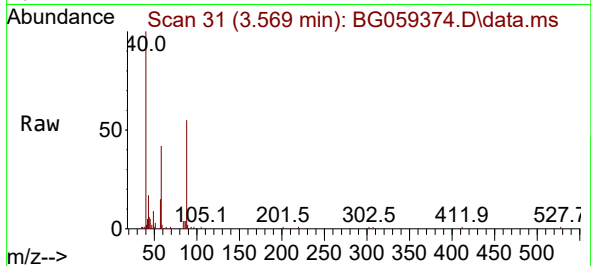
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#2
1,4-Dioxane
Concen: 15.762 ng/uL
RT: 3.569 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG059374.D
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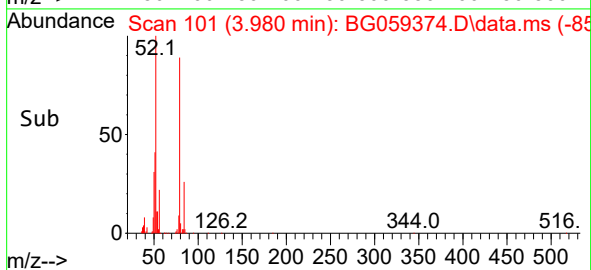
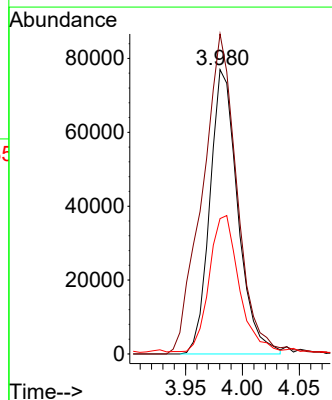
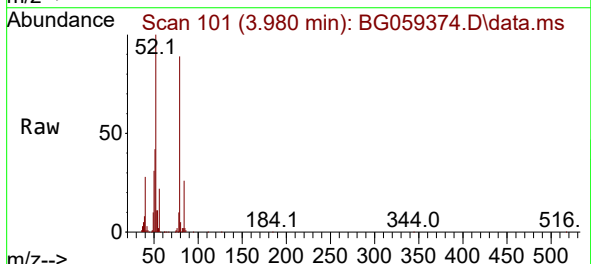
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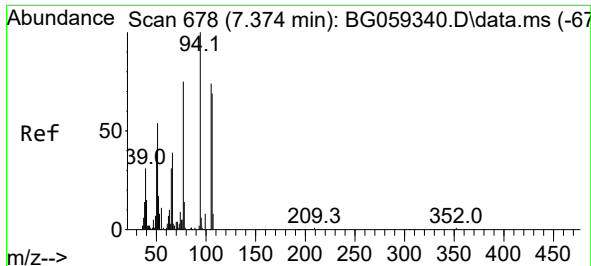
Tgt Ion: 88 Resp: 21225
Ion Ratio Lower Upper
88 100
43 30.2 25.4 38.0
58 77.0 84.6 127.0#



#5
Pyridine
Concen: 35.893 ng/uL
RT: 3.980 min Scan# 101
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion: 79 Resp: 131584
Ion Ratio Lower Upper
79 100
52 112.5 82.5 123.7
51 47.6 41.8 62.8

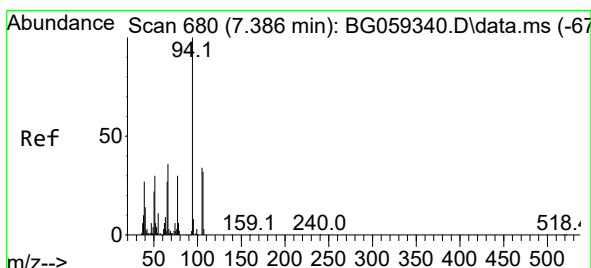
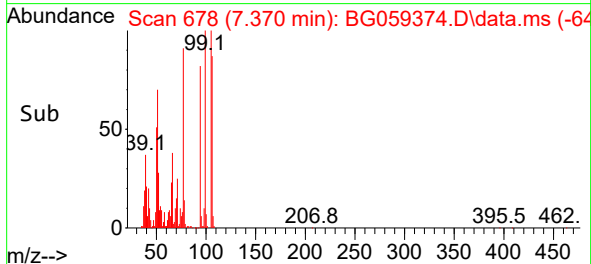
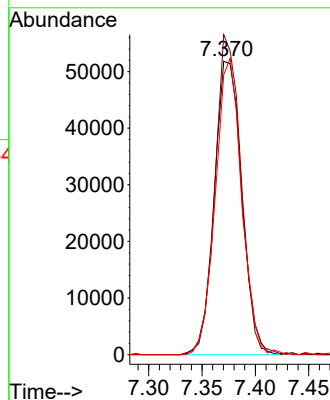
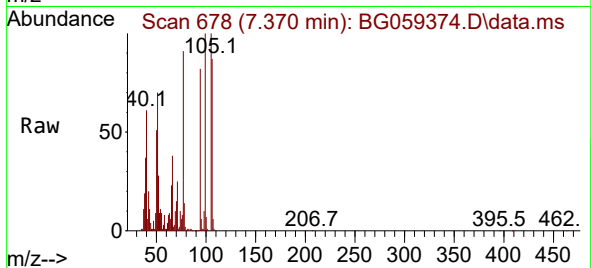




#6
Benzaldehyde
Concen: 44.921 ng/ul
RT: 7.370 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

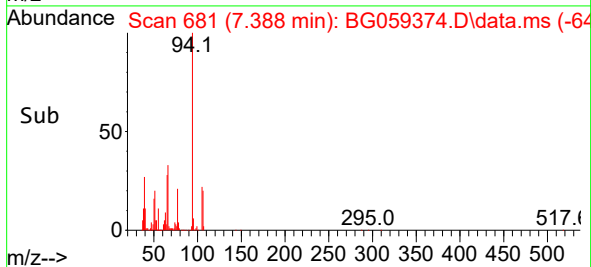
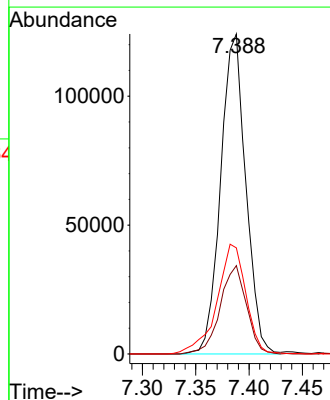
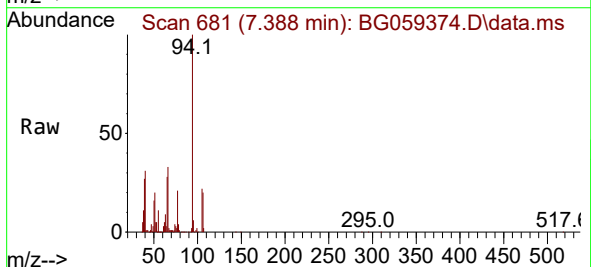
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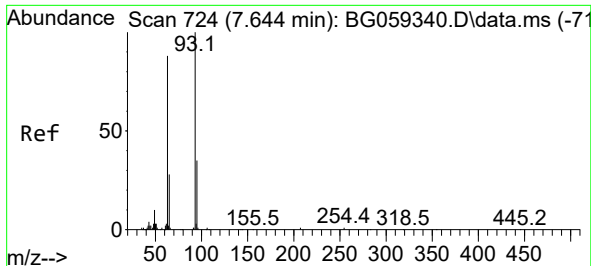
Tgt Ion: 77 Resp: 92537
Ion Ratio Lower Upper
77 100
105 109.0 79.5 119.3
106 95.4 74.8 112.2



#8
Phenol
Concen: 41.426 ng/ul
RT: 7.388 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion: 94 Resp: 203440
Ion Ratio Lower Upper
94 100
65 27.6 21.9 32.9
66 33.2 28.6 43.0

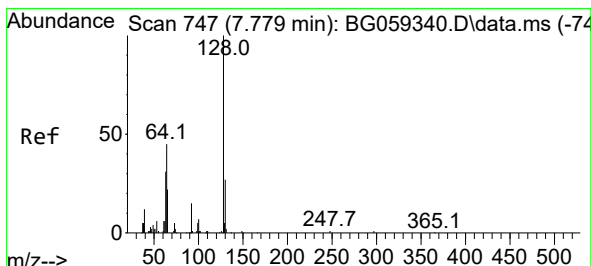
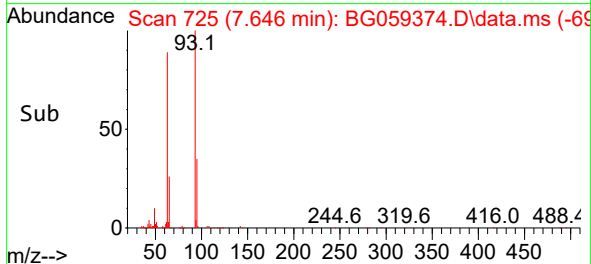
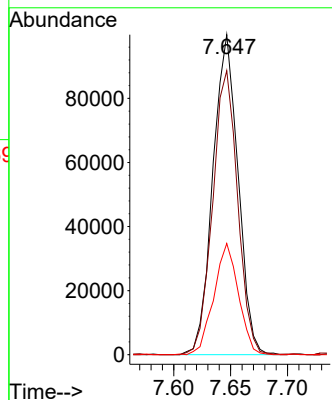
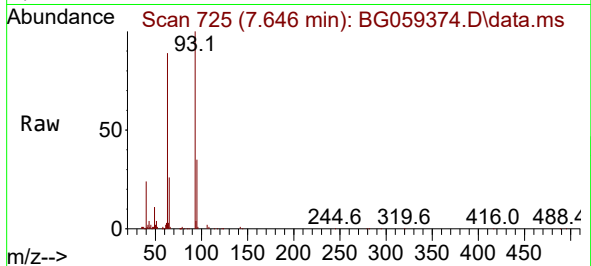




#10
Bis(2-Chloroethyl)ether
Concen: 40.720 ng/ul
RT: 7.646 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

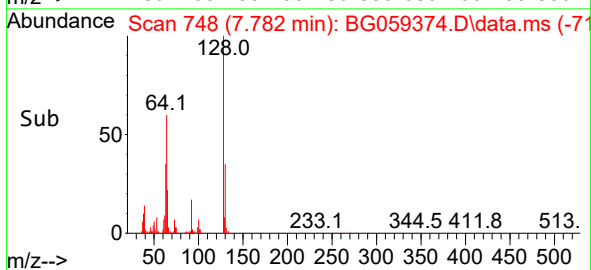
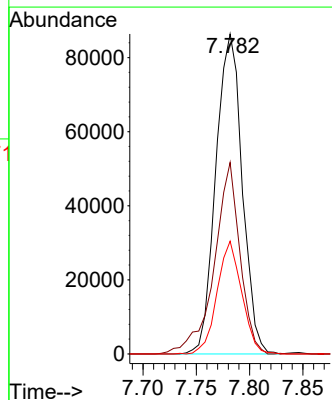
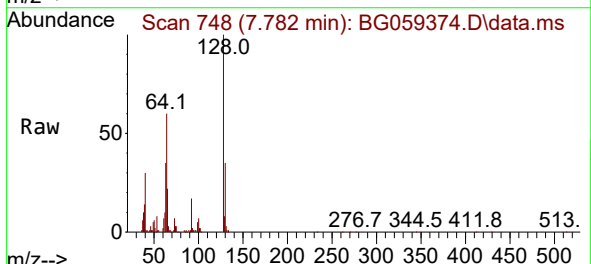
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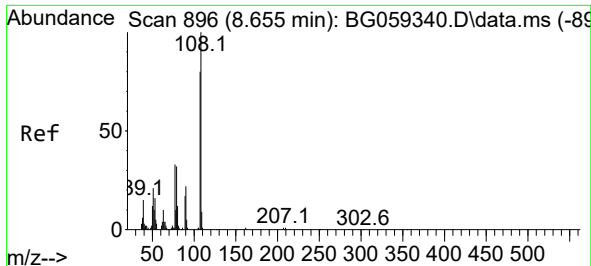
Tgt Ion: 93 Resp: 154002
Ion Ratio Lower Upper
93 100
63 88.8 71.0 106.6
95 34.8 27.8 41.6



#12
2-Chlorophenol
Concen: 40.618 ng/ul
RT: 7.782 min Scan# 748
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:128 Resp: 148659
Ion Ratio Lower Upper
128 100
64 59.9 38.6 57.8#
130 35.3 21.8 32.8#

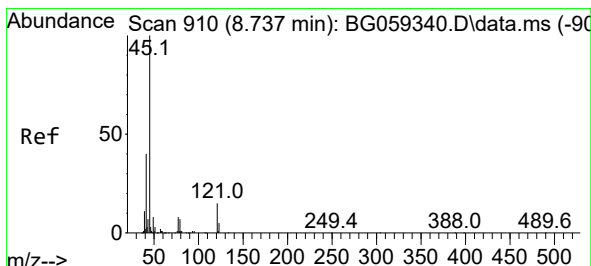
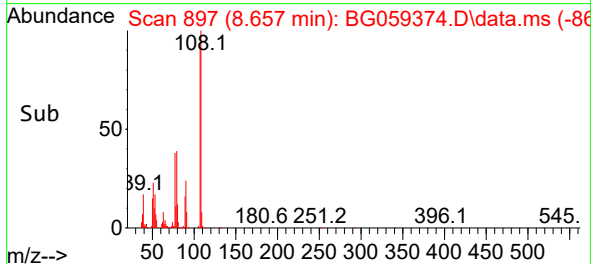
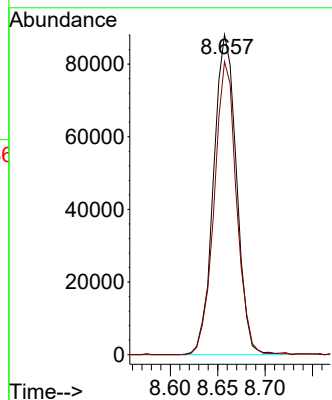
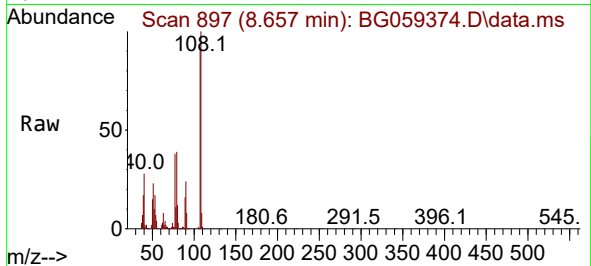




#13
2-Methylphenol
Concen: 40.317 ng/ul
RT: 8.657 min Scan# 896
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

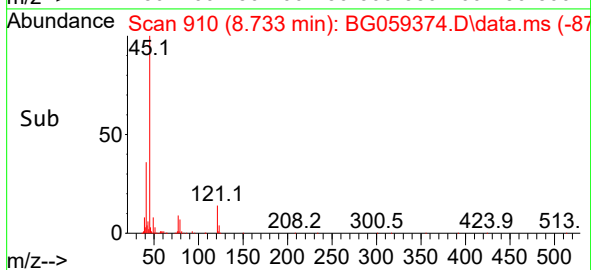
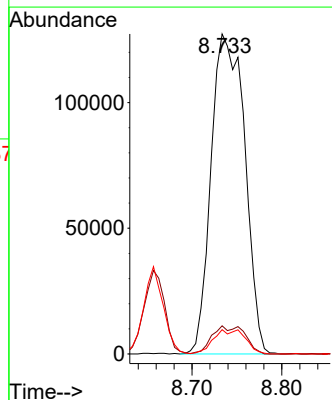
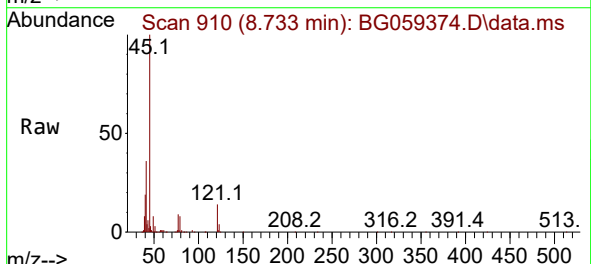
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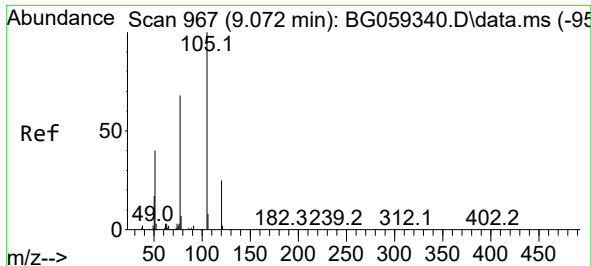
Tgt Ion:108 Resp: 147947
Ion Ratio Lower Upper
108 100
107 91.6 64.7 97.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 41.715 ng/ul
RT: 8.733 min Scan# 910
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion: 45 Resp: 330092
Ion Ratio Lower Upper
45 100
77 8.8 6.6 10.0
79 7.6 5.8 8.8

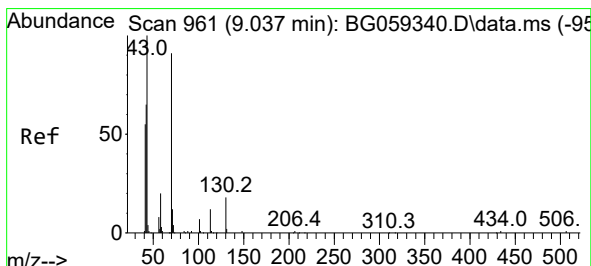
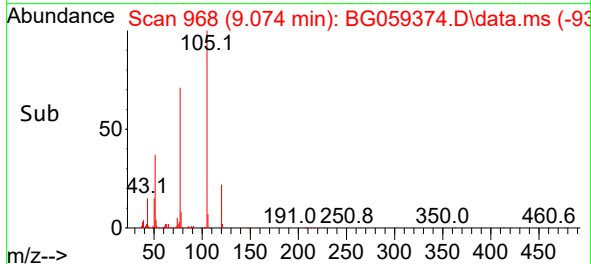
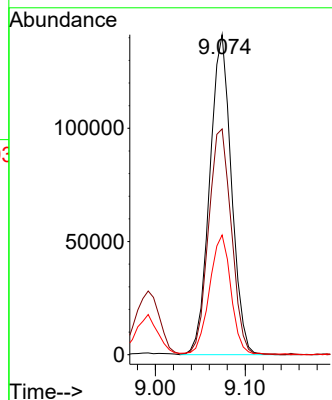
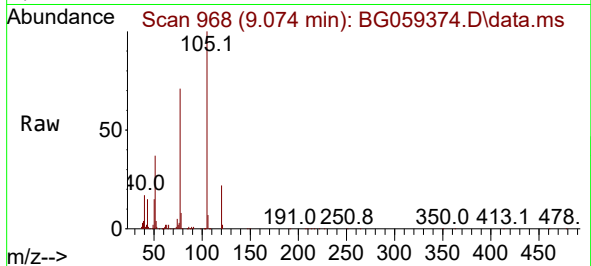




#16
Acetophenone
Concen: 40.305 ng/ul
RT: 9.074 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

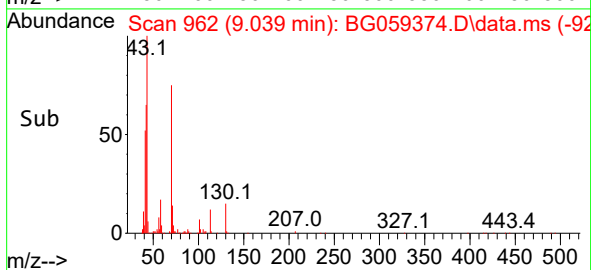
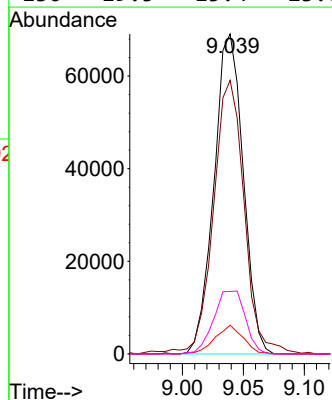
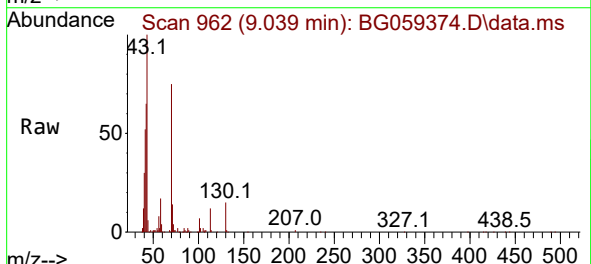
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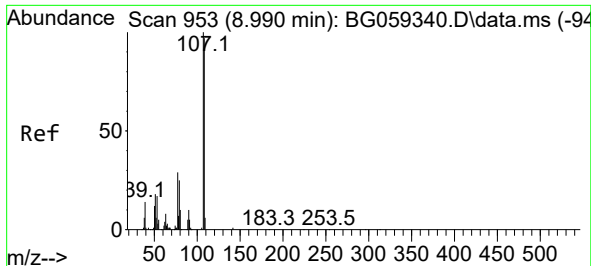
Tgt Ion:105 Resp: 236993
Ion Ratio Lower Upper
105 100
77 70.5 55.2 82.8
51 37.4 33.0 49.4



#17
N-Nitroso-di-n-propylamine
Concen: 39.382 ng/ul
RT: 9.039 min Scan# 962
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion: 70 Resp: 115381
Ion Ratio Lower Upper
70 100
42 85.5 58.2 87.4
101 9.0 6.4 9.6
130 19.5 15.4 23.0

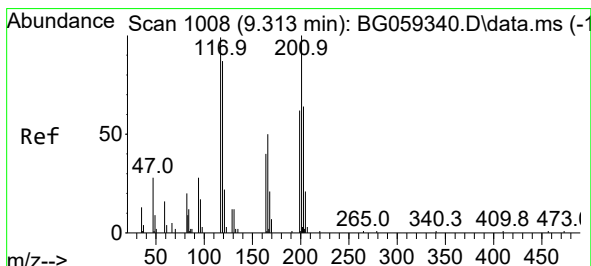
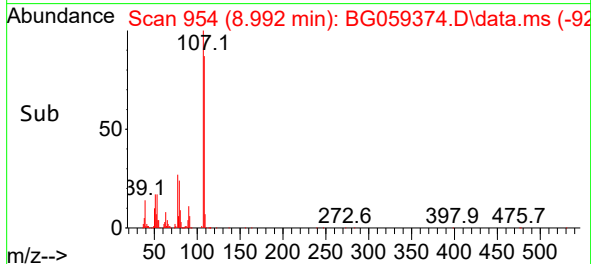
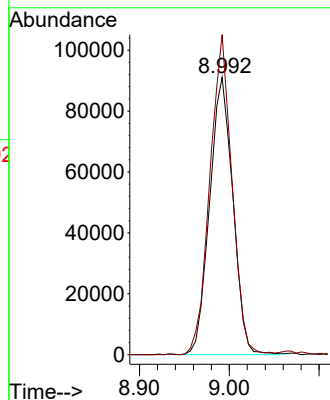
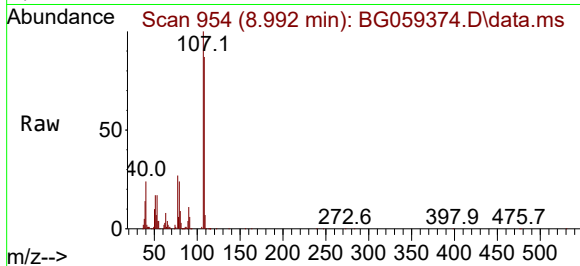




#18
4-Methylphenol
Concen: 40.545 ng/ul
RT: 8.992 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

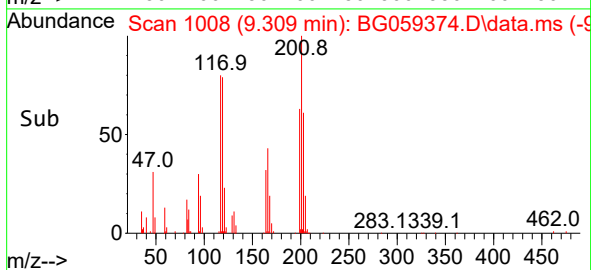
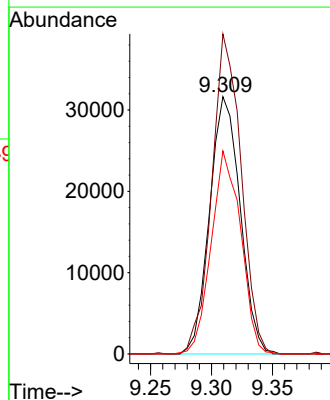
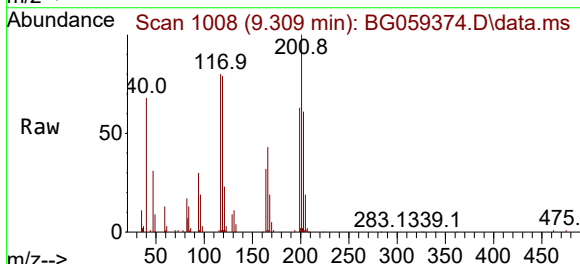
Instrument :
BNA_G
ClientSampleId :
SLCS979

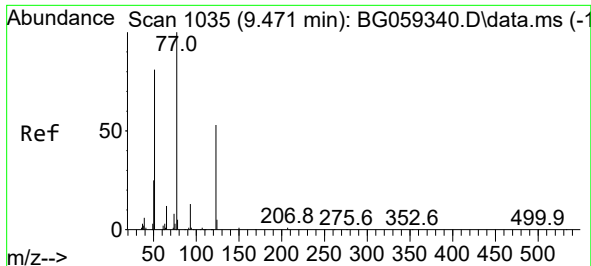
Tgt Ion:108 Resp: 163610
Ion Ratio Lower Upper
108 100
107 115.4 83.0 124.6



#19
Hexachloroethane
Concen: 41.439 ng/ul
RT: 9.309 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:117 Resp: 55166
Ion Ratio Lower Upper
117 100
201 124.4 80.6 120.8#
199 78.9 50.6 76.0#

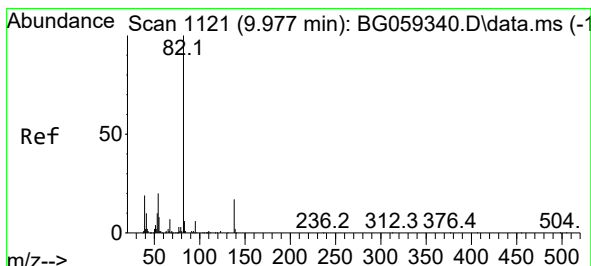
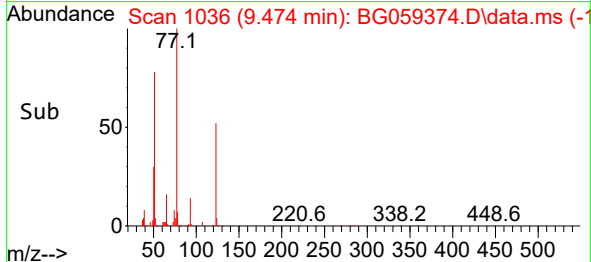
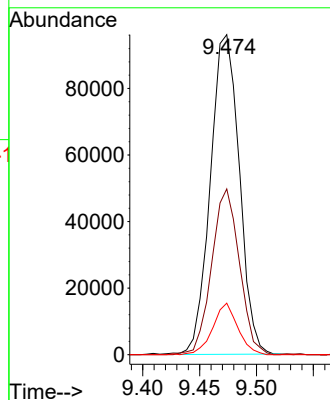
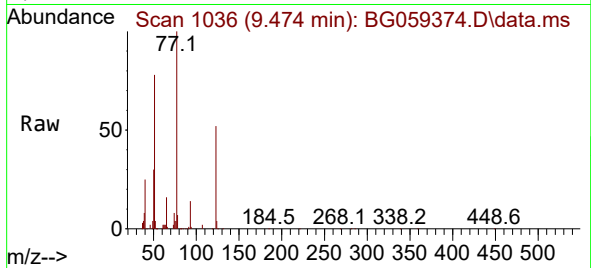




#22
Nitrobenzene
Concen: 41.555 ng/ul
RT: 9.474 min Scan# 1035
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

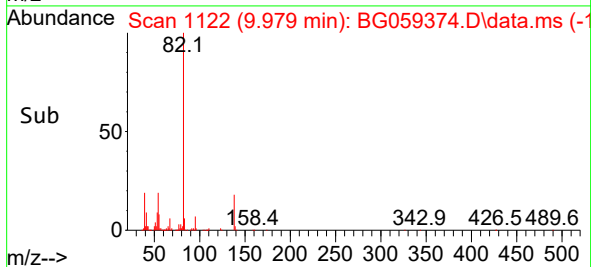
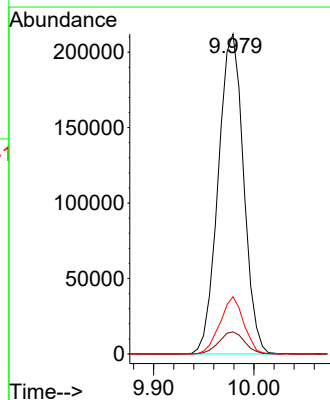
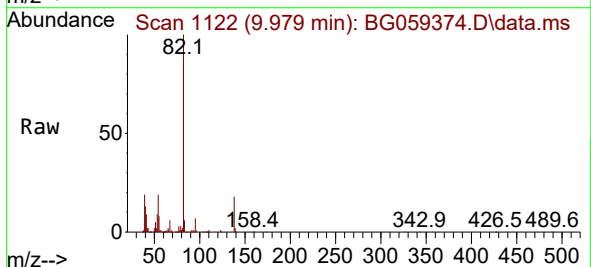
Instrument :
BNA_G
ClientSampleId :
SLCS979

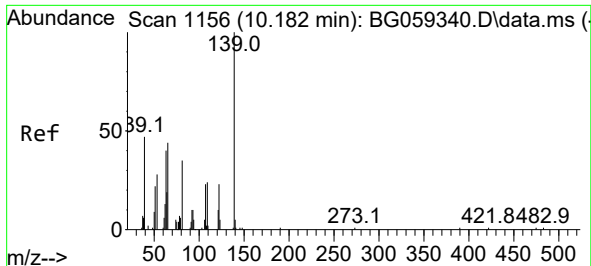
Tgt Ion: 77 Resp: 170238
Ion Ratio Lower Upper
77 100
123 51.8 42.2 63.4
65 16.1 9.8 14.6#



#23
Isophorone
Concen: 42.379 ng/ul
RT: 9.979 min Scan# 1122
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion: 82 Resp: 370726
Ion Ratio Lower Upper
82 100
95 6.9 4.7 7.1
138 17.9 13.5 20.3

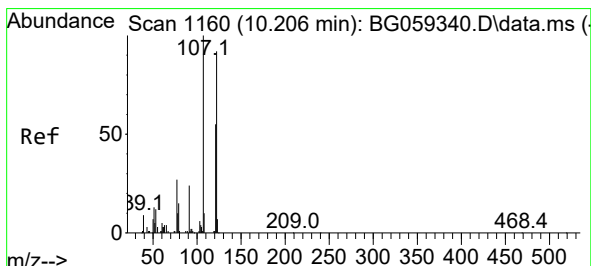
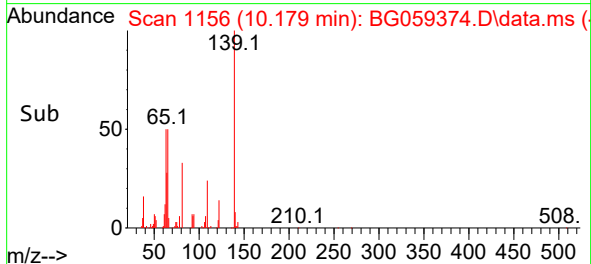
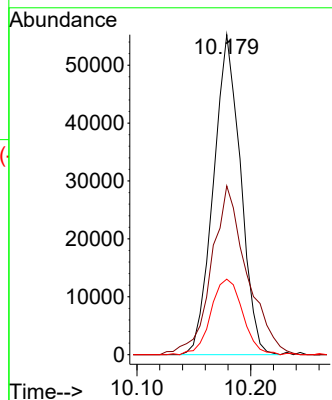
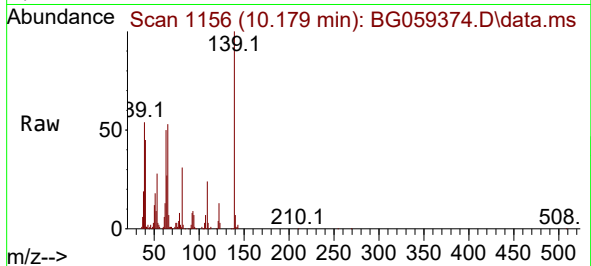




#25
2-Nitrophenol
Concen: 43.948 ng/ul
RT: 10.179 min Scan# 1156
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

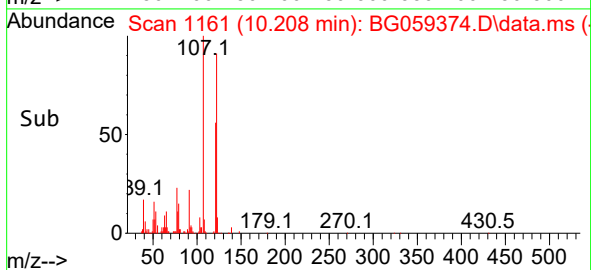
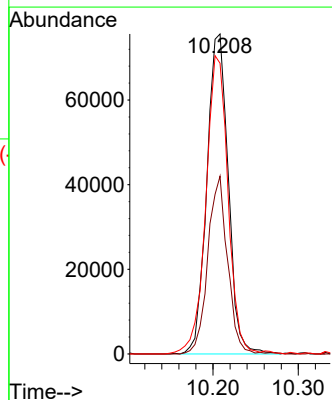
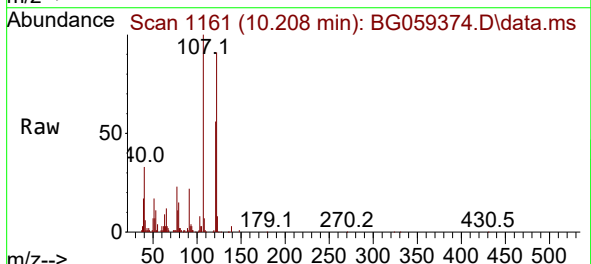
Instrument :
BNA_G
ClientSampleId :
SLCS979

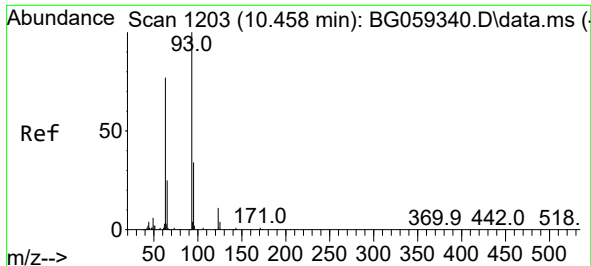
Tgt Ion:139 Resp: 91674
Ion Ratio Lower Upper
139 100
65 52.7 39.0 58.4
109 23.6 19.1 28.7



#26
2,4-Dimethylphenol
Concen: 32.025 ng/ul
RT: 10.208 min Scan# 1161
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:107 Resp: 131780
Ion Ratio Lower Upper
107 100
121 55.5 43.9 65.9
122 90.9 74.1 111.1

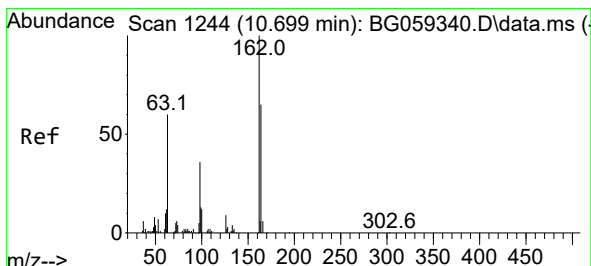
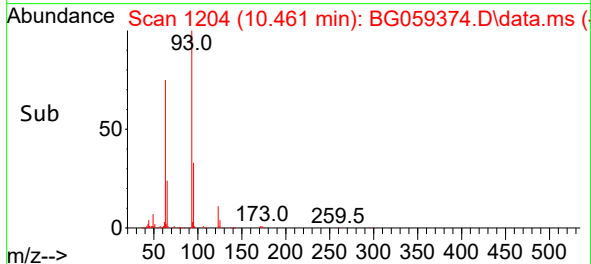
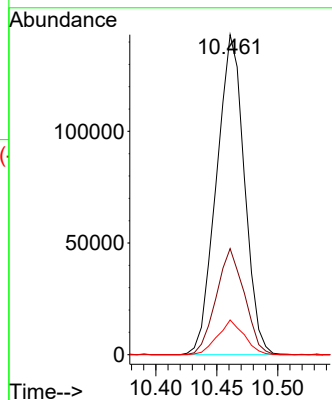
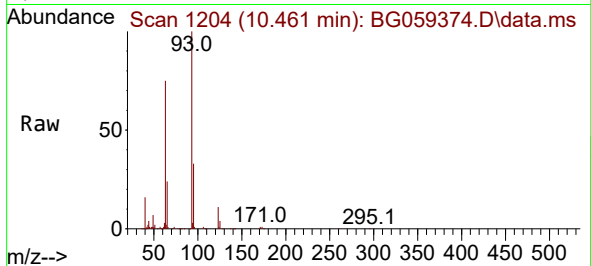




#27
 Bis(2-Chloroethoxy)methane
 Concen: 43.497 ng/ul
 RT: 10.461 min Scan# 1204
 Delta R.T. 0.002 min
 Lab File: BG059374.D
 Acq: 8 Oct 2023 13:11

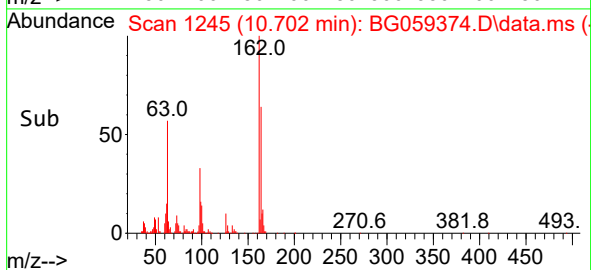
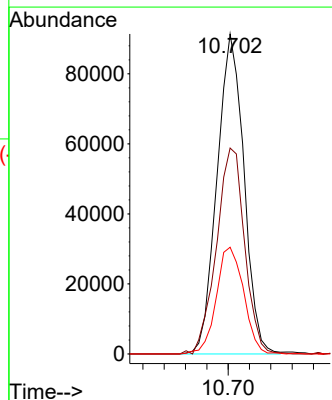
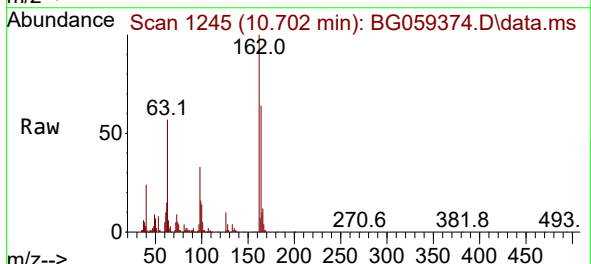
Instrument :
 BNA_G
 ClientSampleId :
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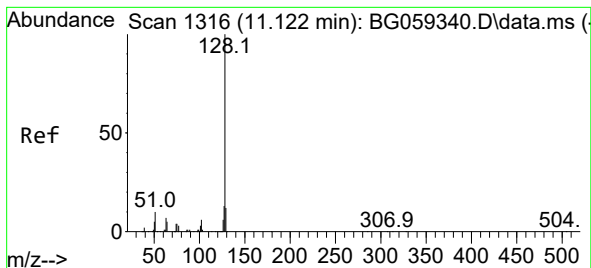
Tgt Ion: 93 Resp: 228654
 Ion Ratio Lower Upper
 93 100
 95 33.2 27.0 40.6
 123 10.9 8.5 12.7



#29
 2,4-Dichlorophenol
 Concen: 43.486 ng/ul
 RT: 10.702 min Scan# 1245
 Delta R.T. 0.002 min
 Lab File: BG059374.D
 Acq: 8 Oct 2023 13:11

Tgt Ion:162 Resp: 159858
 Ion Ratio Lower Upper
 162 100
 164 64.3 53.5 80.3
 98 33.3 28.5 42.7

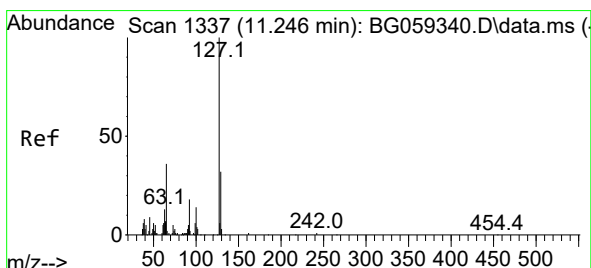
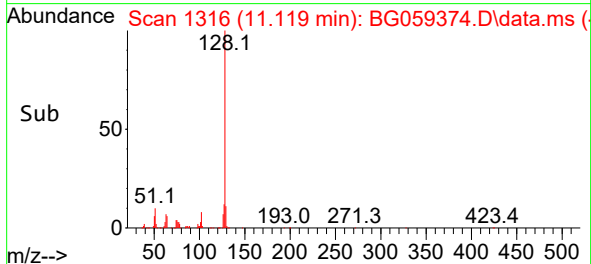
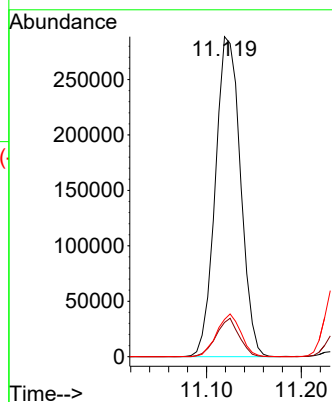
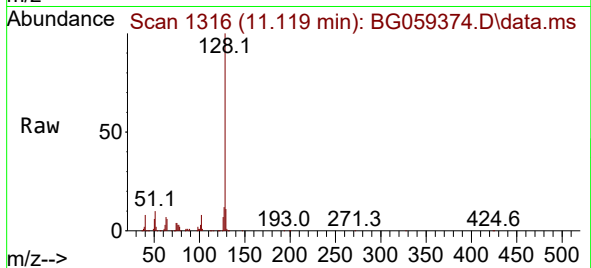




#30
Naphthalene
Concen: 41.908 ng/ul
RT: 11.119 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

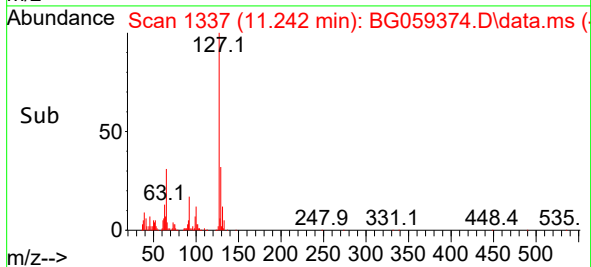
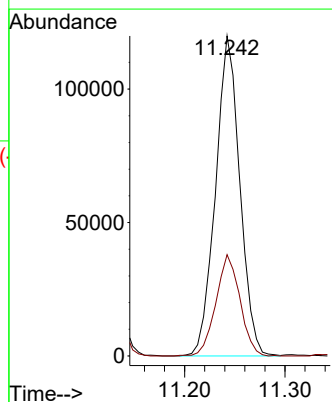
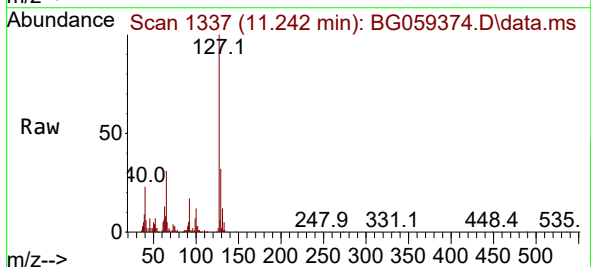
Instrument :
BNA_G
ClientSampleId :
SLCS979

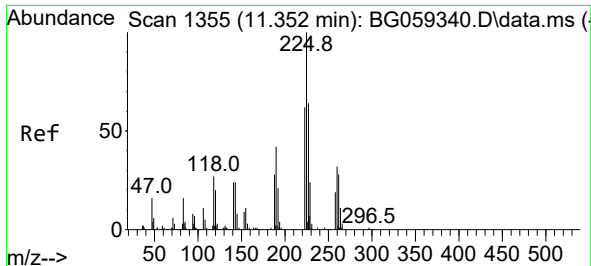
Tgt Ion:128 Resp: 532074
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 11.7 10.4 15.6



#32
4-Chloroaniline
Concen: 36.714 ng/ul
RT: 11.242 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:127 Resp: 201403
Ion Ratio Lower Upper
127 100
129 31.7 25.9 38.9

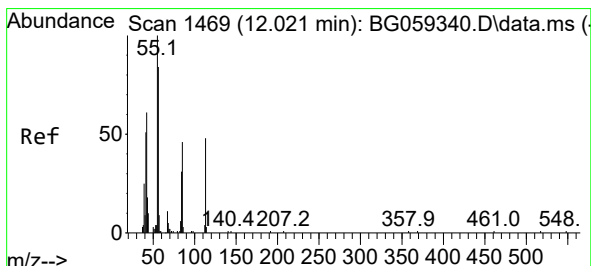
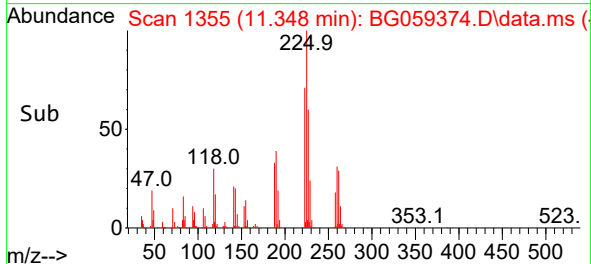
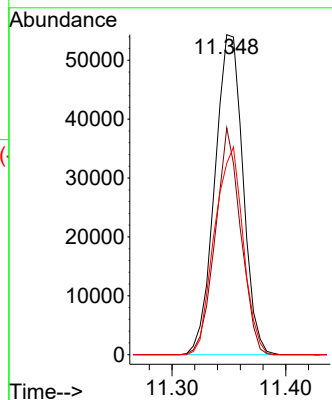
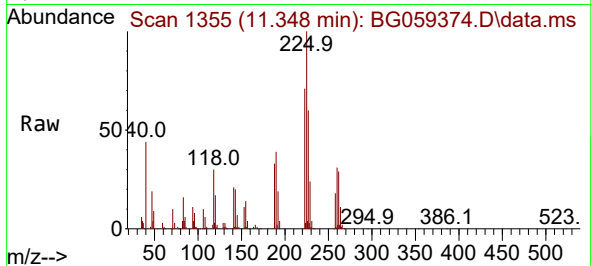




#33
Hexachlorobutadiene
Concen: 42.125 ng/ul
RT: 11.348 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

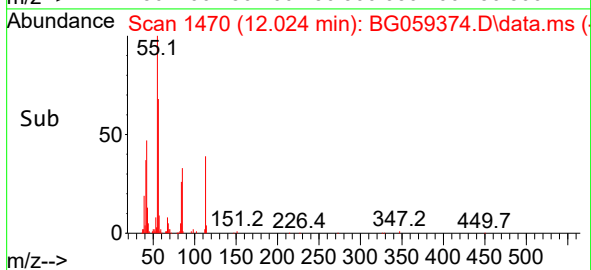
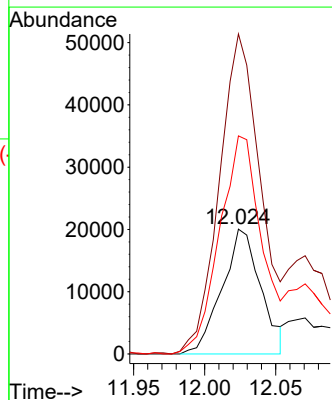
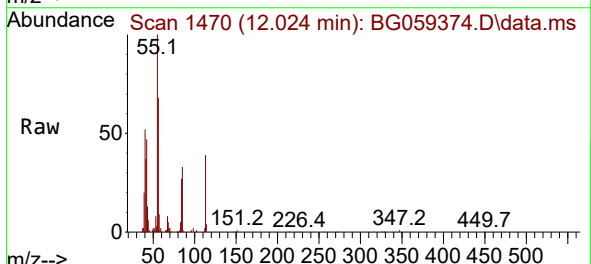
Instrument :
BNA_G
ClientSampleId :
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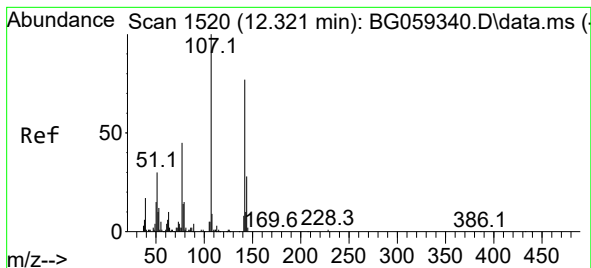
Tgt Ion:225 Resp: 93500
Ion Ratio Lower Upper
225 100
223 74.1 48.2 72.2#
227 59.8 49.5 74.3



#34
Caprolactam
Concen: 28.415 ng/ul
RT: 12.024 min Scan# 1470
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:113 Resp: 37931
Ion Ratio Lower Upper
113 100
55 256.2 169.1 253.7#
56 174.6 141.7 212.5

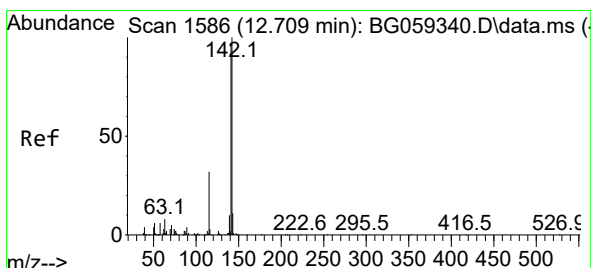
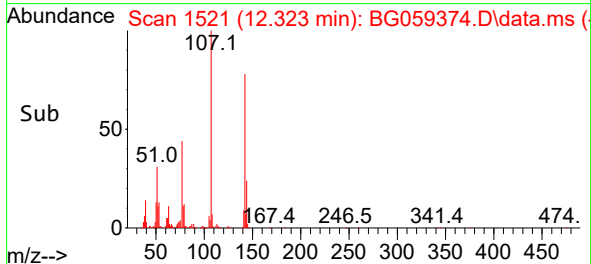
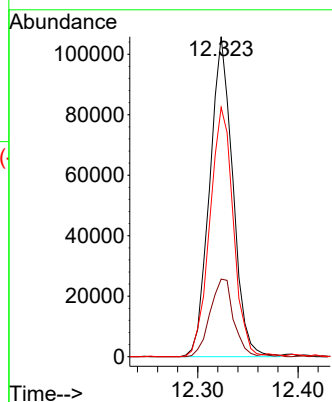
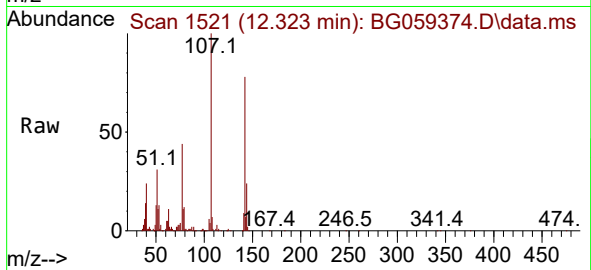




#35
4-Chloro-3-methylphenol
Concen: 42.931 ng/ul
RT: 12.323 min Scan# 1520
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

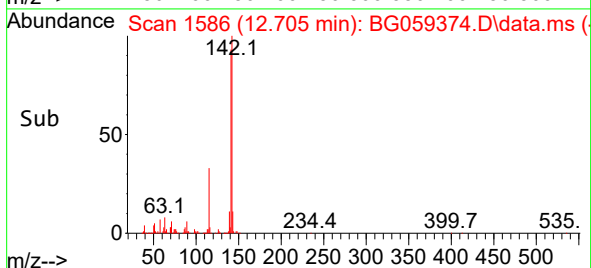
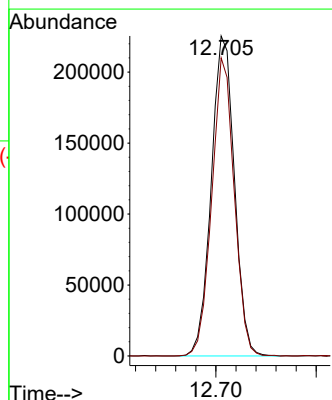
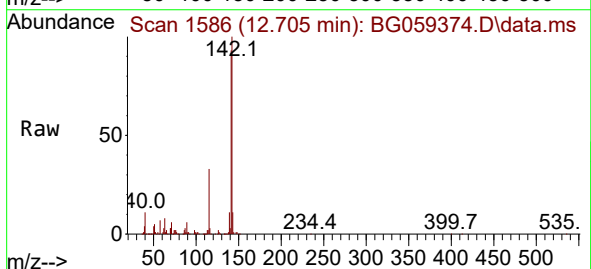
Instrument :
BNA_G
ClientSampleId :
SLCS979

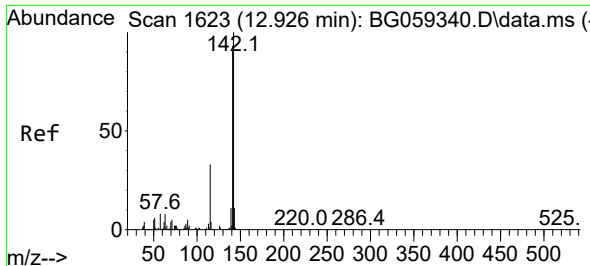
Tgt Ion:107 Resp: 169347
Ion Ratio Lower Upper
107 100
144 24.2 22.0 33.0
142 77.9 61.6 92.4



#36
2-Methylnaphthalene
Concen: 42.661 ng/ul
RT: 12.705 min Scan# 1586
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:142 Resp: 361085
Ion Ratio Lower Upper
142 100
141 93.1 77.8 116.6

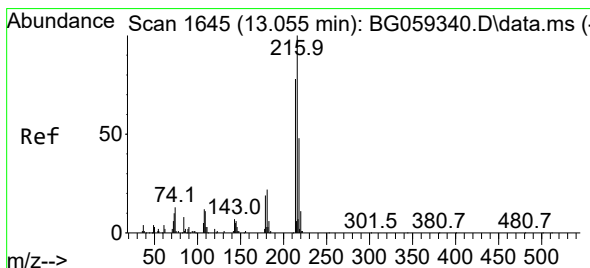
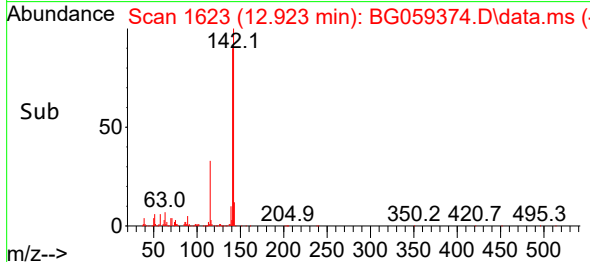
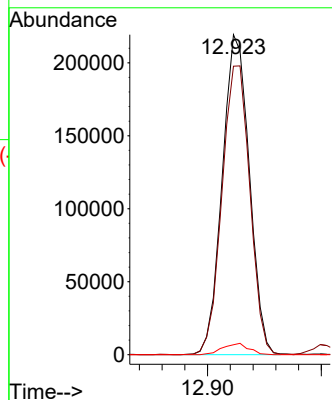
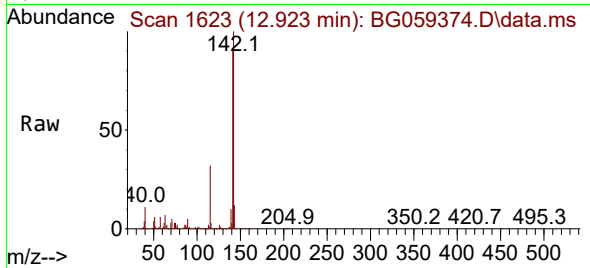




#37
1-Methylnaphthalene
Concen: 41.326 ng/ul
RT: 12.923 min Scan# 1623
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

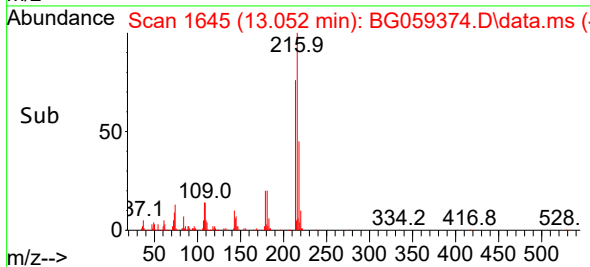
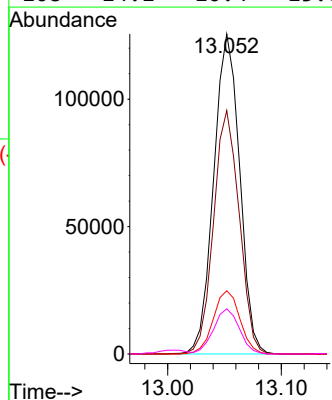
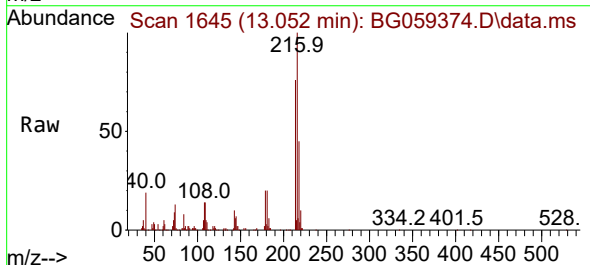
Instrument :
BNA_G
ClientSampleId :
SLCS979

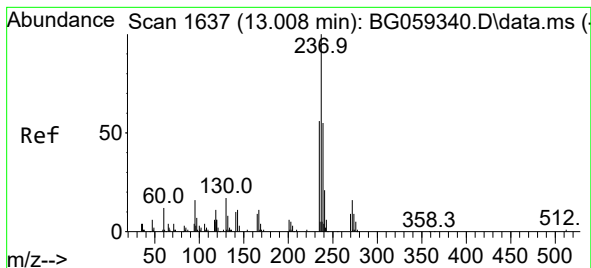
Tgt Ion:142 Resp: 363170
Ion Ratio Lower Upper
142 100
141 90.2 74.3 111.5
116 3.1 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.515 ng/ul
RT: 13.052 min Scan# 1645
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:216 Resp: 198897
Ion Ratio Lower Upper
216 100
214 76.0 63.0 94.6
179 19.7 15.0 22.6
108 14.1 10.4 15.6





#40

Hexachlorocyclopentadiene

Concen: 35.054 ng/ul

RT: 13.005 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

Instrument :

BNA_G

ClientSampleId :

SLCS979

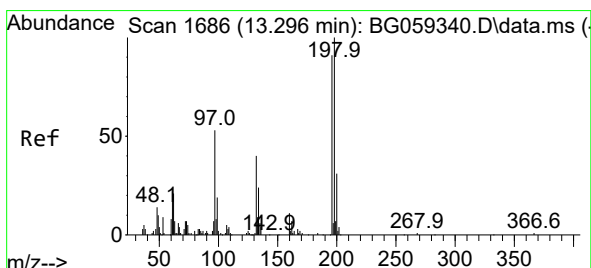
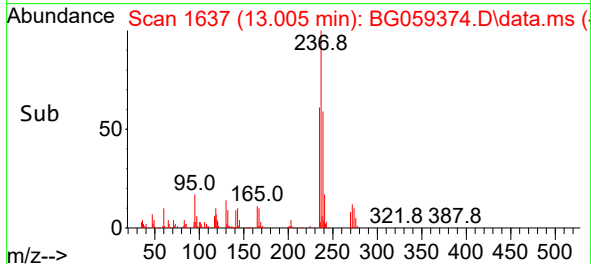
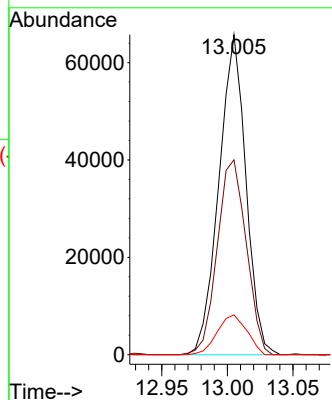
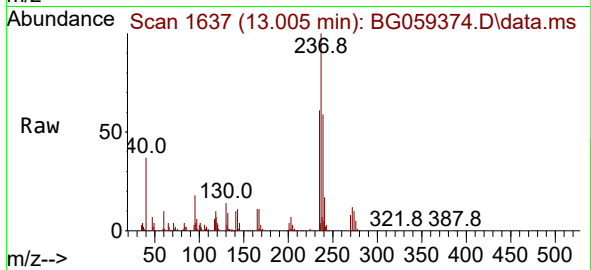
Tgt Ion:237 Resp: 94030

Ion Ratio Lower Upper

237 100

235 60.9 48.4 72.6

272 12.9 13.3 19.9#



#41

2,4,6-Trichlorophenol

Concen: 42.153 ng/ul

RT: 13.299 min Scan# 1687

Delta R.T. 0.002 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

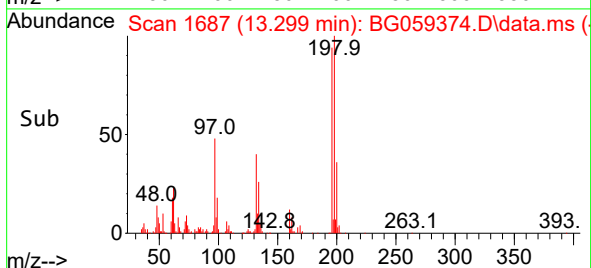
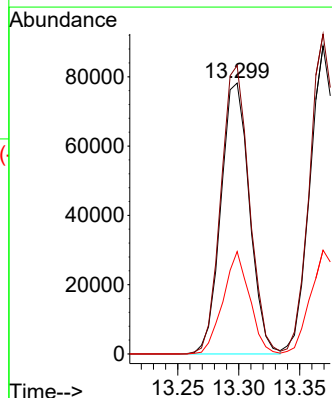
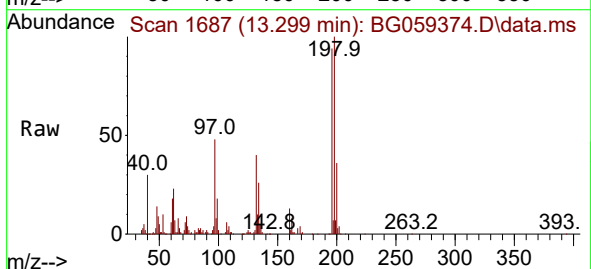
Tgt Ion:196 Resp: 127796

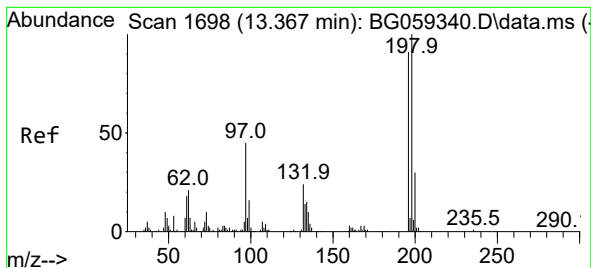
Ion Ratio Lower Upper

196 100

198 106.5 88.6 132.8

200 37.8 27.2 40.8

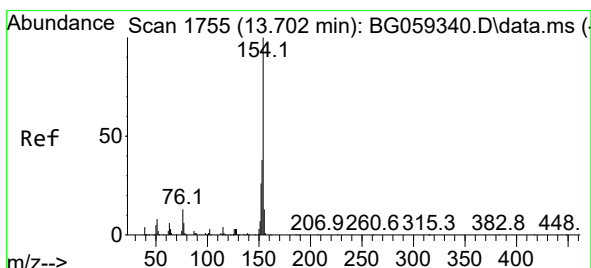
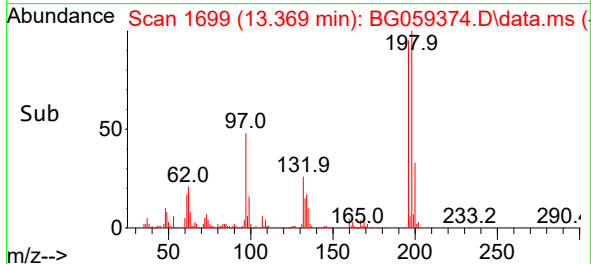
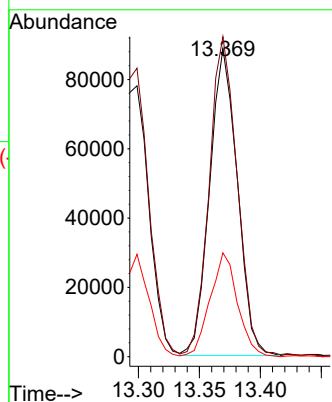
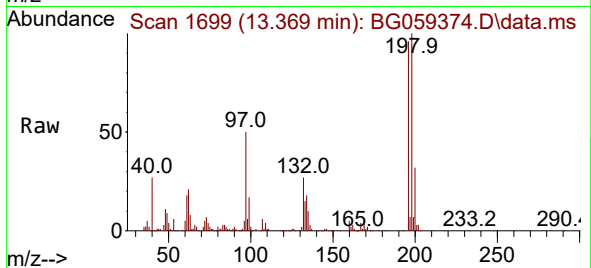




#42
2,4,5-Trichlorophenol
Concen: 42.505 ng/ul
RT: 13.369 min Scan# 1698
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

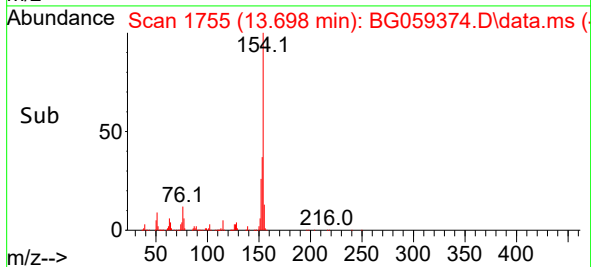
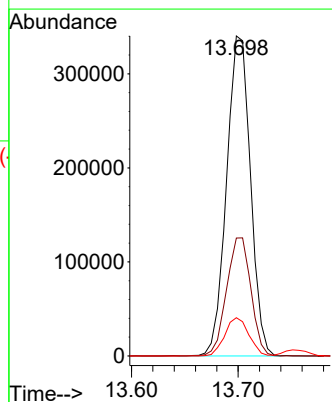
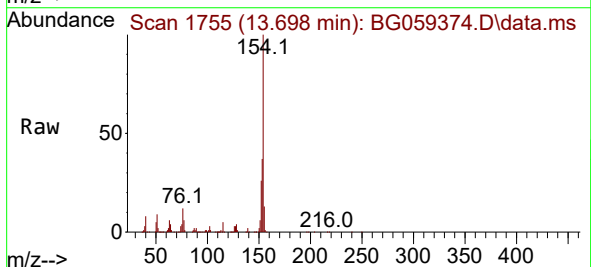
Instrument :
BNA_G
ClientSampleId :
SLCS979

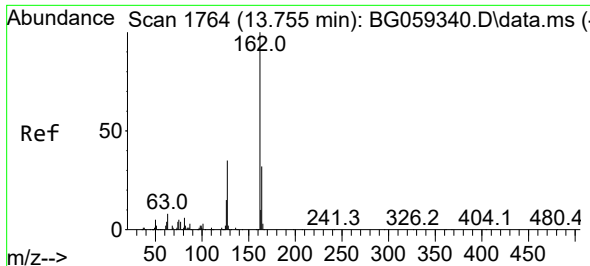
Tgt Ion:196 Resp: 139957
Ion Ratio Lower Upper
196 100
198 103.8 87.8 131.8
200 33.7 26.4 39.6



#43
1,1'-Biphenyl
Concen: 42.936 ng/ul
RT: 13.698 min Scan# 1755
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:154 Resp: 530076
Ion Ratio Lower Upper
154 100
153 36.9 30.1 45.1
76 12.0 10.3 15.5

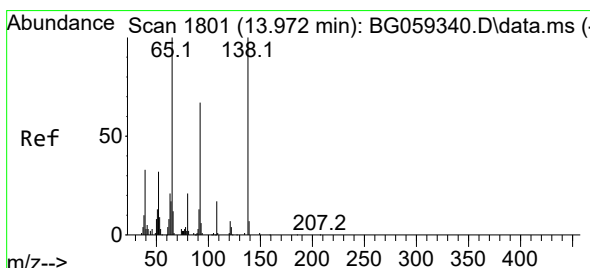
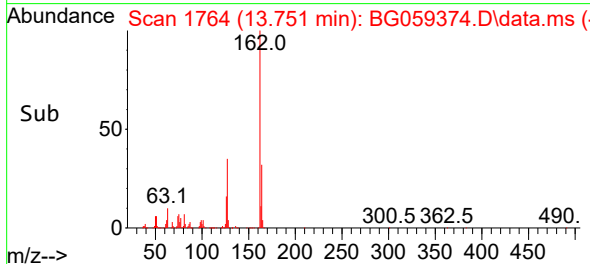
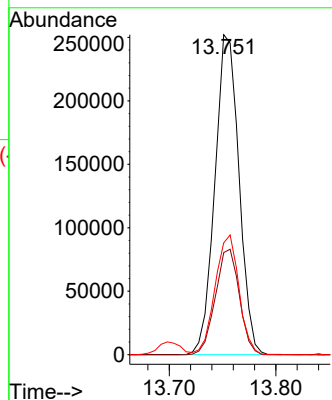
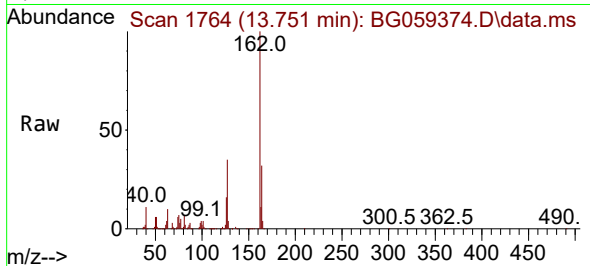




#44
2-Chloronaphthalene
Concen: 41.687 ng/ul
RT: 13.751 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

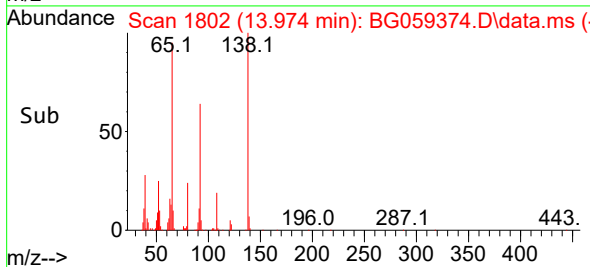
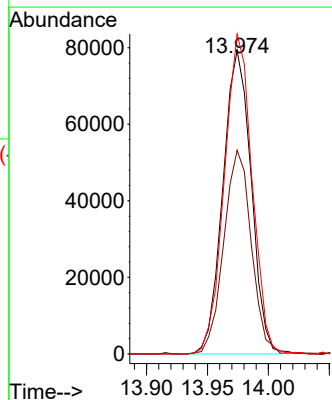
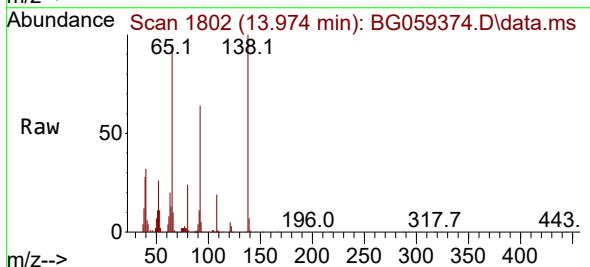
Instrument :
BNA_G
ClientSampleId :
SLCS979

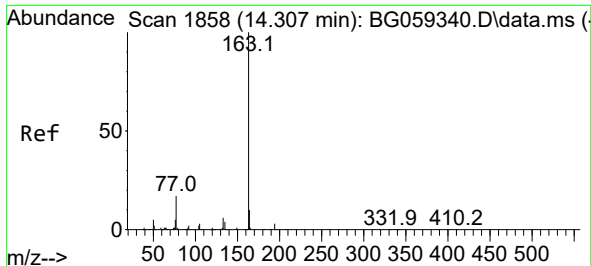
Tgt Ion:162 Resp: 395607
Ion Ratio Lower Upper
162 100
164 31.9 25.7 38.5
127 35.0 29.4 44.2



#45
2-Nitroaniline
Concen: 41.060 ng/ul
RT: 13.974 min Scan# 1802
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion: 65 Resp: 127595
Ion Ratio Lower Upper
65 100
92 67.1 53.8 80.8
138 105.5 80.0 120.0

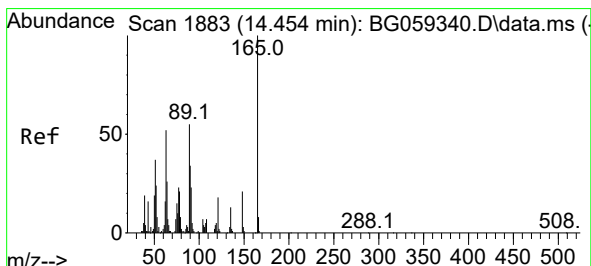
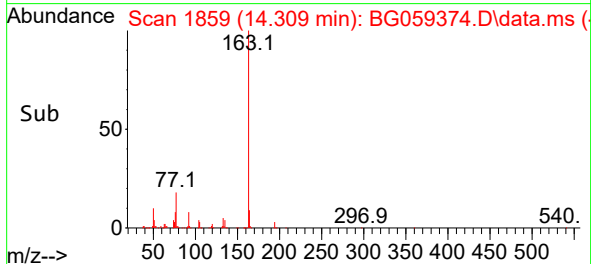
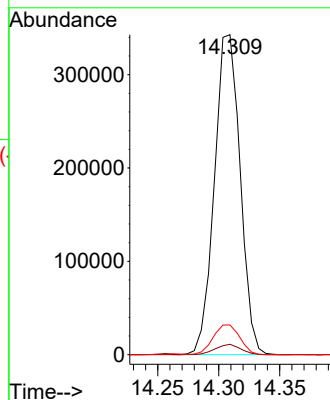
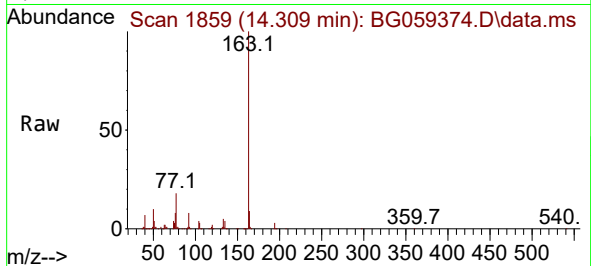




#47
Dimethylphthalate
Concen: 40.802 ng/ul
RT: 14.309 min Scan# 1859
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

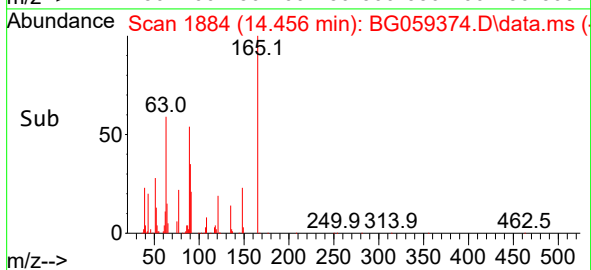
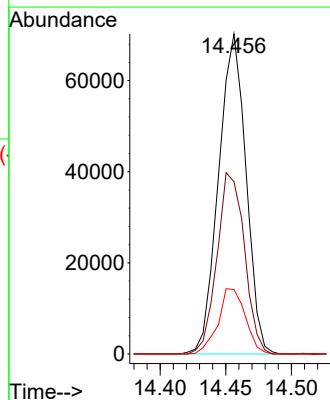
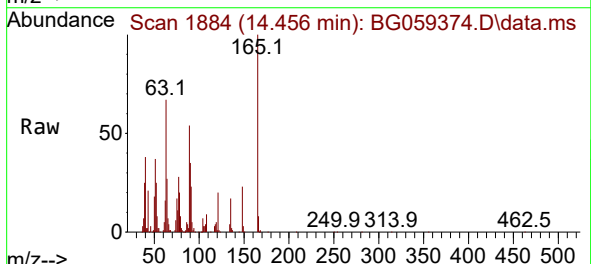
Instrument :
BNA_G
ClientSampleId :
SLCS979

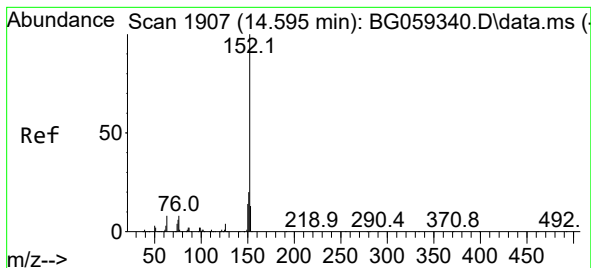
Tgt Ion:163 Resp: 503934
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 40.911 ng/ul
RT: 14.456 min Scan# 1884
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:165 Resp: 101939
Ion Ratio Lower Upper
165 100
89 53.9 43.6 65.4
121 20.2 14.7 22.1





#50

Acenaphthylene

Concen: 41.011 ng/ul

RT: 14.597 min Scan# 1907

Delta R.T. 0.002 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

Instrument :

BNA_G

ClientSampleId :

SLCS979

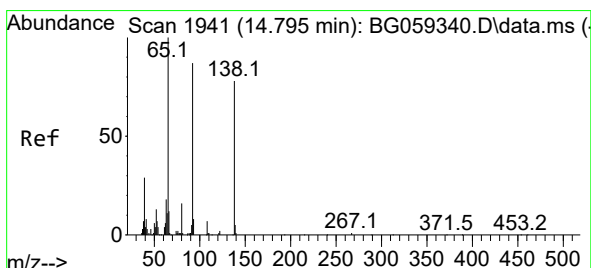
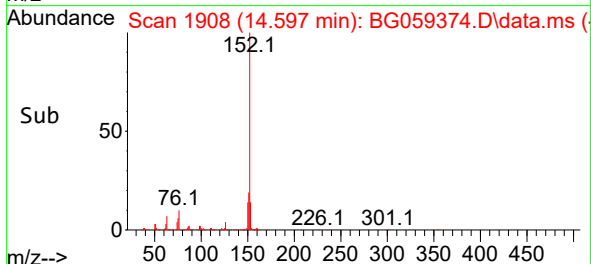
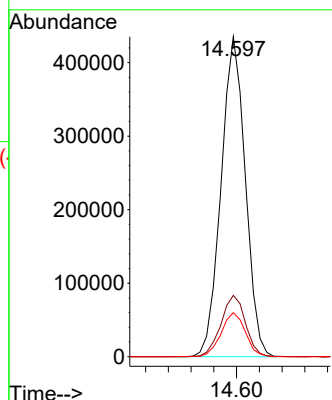
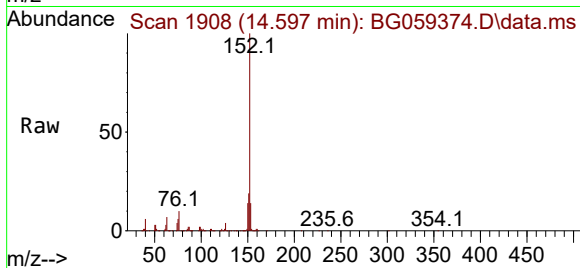
Tgt Ion:152 Resp: 644686

Ion Ratio Lower Upper

152 100

151 19.2 15.8 23.8

153 13.7 10.3 15.5



#51

3-Nitroaniline

Concen: 44.851 ng/ul

RT: 14.797 min Scan# 1942

Delta R.T. 0.002 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

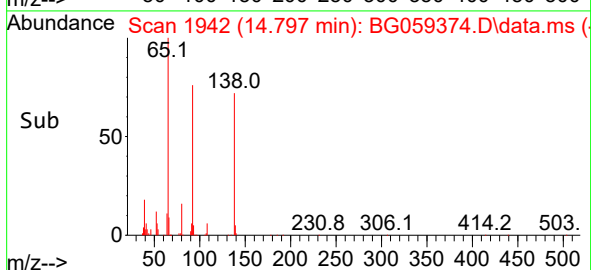
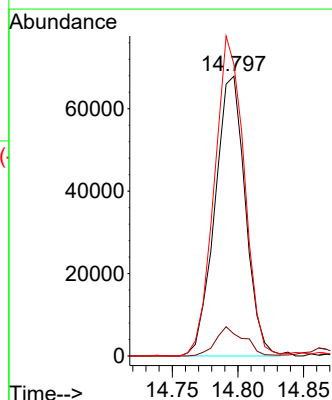
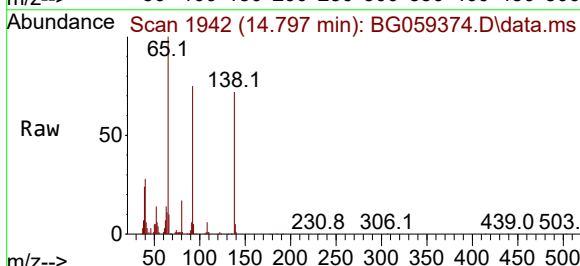
Tgt Ion:138 Resp: 109431

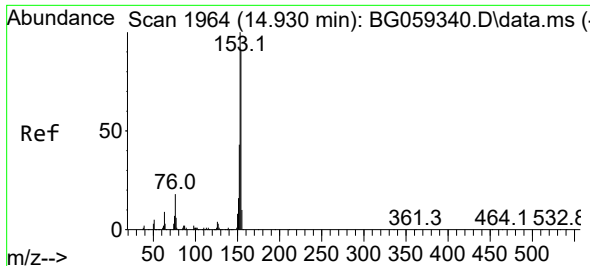
Ion Ratio Lower Upper

138 100

108 7.9 7.4 11.0

92 104.1 89.1 133.7

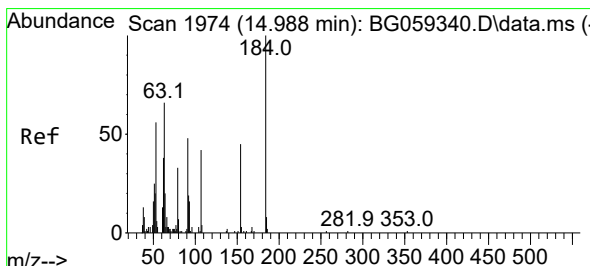
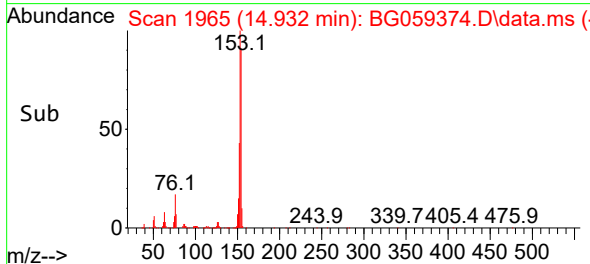
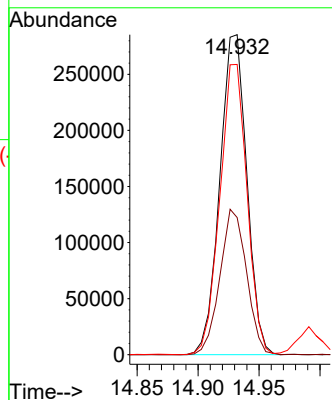
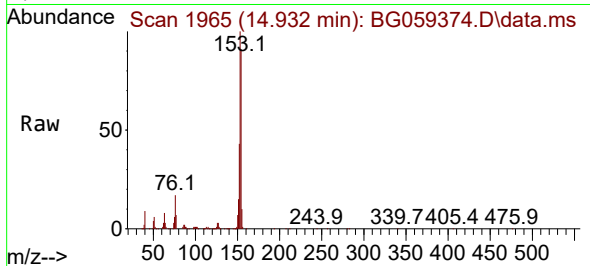




#52
Acenaphthene
Concen: 41.401 ng/ul
RT: 14.932 min Scan# 1965
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

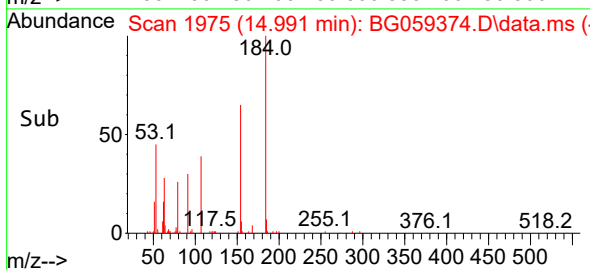
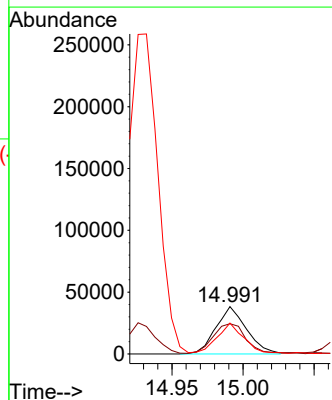
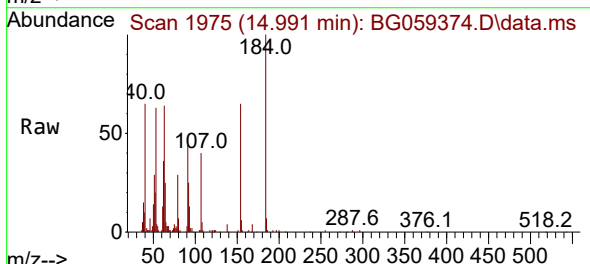
Instrument :
BNA_G
ClientSampleId :
SLCS979

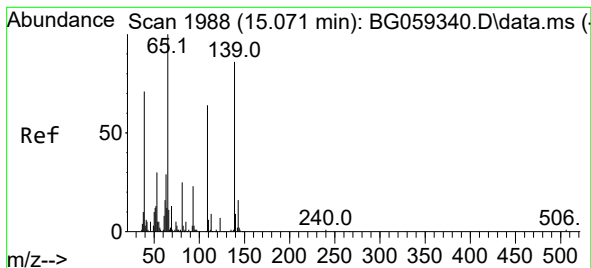
Tgt Ion:153 Resp: 440353
Ion Ratio Lower Upper
153 100
152 42.8 34.6 52.0
154 90.7 73.0 109.4



#53
2,4-Dinitrophenol
Concen: 32.048 ng/ul
RT: 14.991 min Scan# 1975
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:184 Resp: 57359
Ion Ratio Lower Upper
184 100
63 63.9 54.9 82.3
154 65.2 44.9 67.3

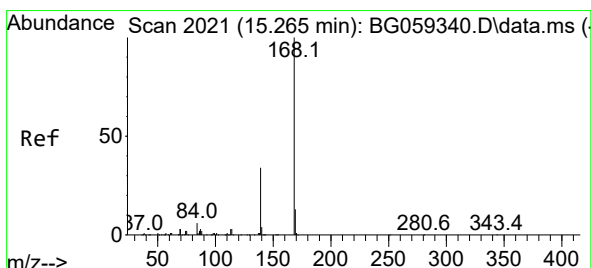
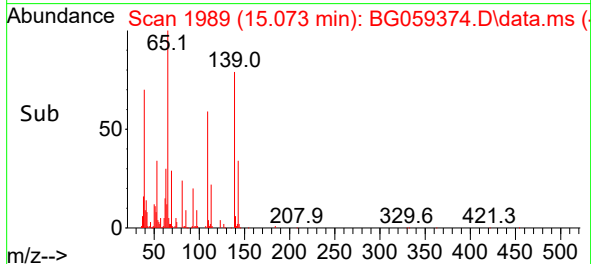
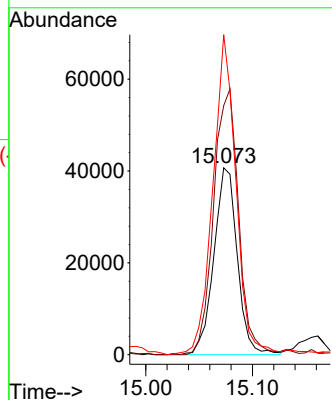
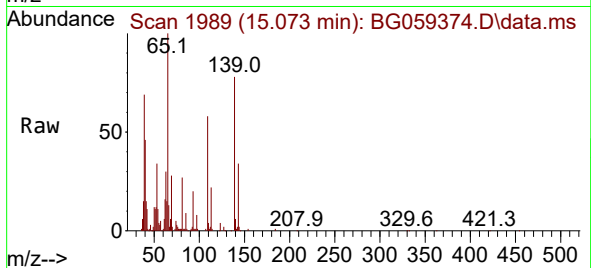




#55
4-Nitrophenol
Concen: 40.101 ng/ul
RT: 15.073 min Scan# 1988
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

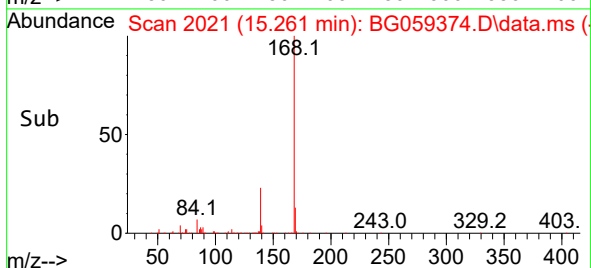
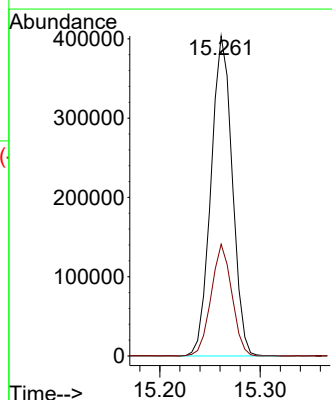
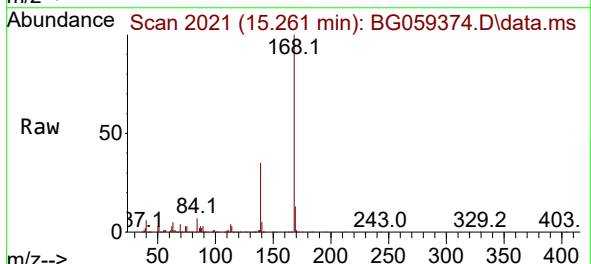
Instrument :
BNA_G
ClientSampleId :
SLCS979

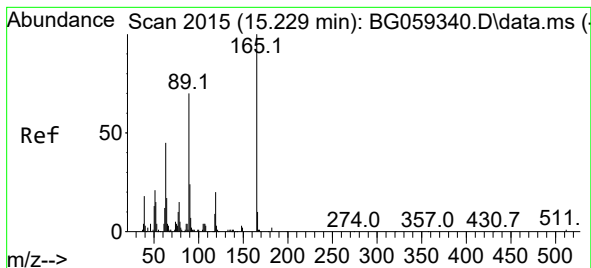
Tgt Ion:109 Resp: 62309
Ion Ratio Lower Upper
109 100
139 133.2 107.9 161.9
65 171.2 126.6 189.8



#56
Dibenzofuran
Concen: 40.565 ng/ul
RT: 15.261 min Scan# 2021
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:168 Resp: 595322
Ion Ratio Lower Upper
168 100
139 34.9 27.4 41.2





#57

2,4-Dinitrotoluene

Concen: 39.793 ng/ul

RT: 15.232 min Scan# 2015

Delta R.T. 0.002 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

Instrument :

BNA_G

ClientSampleId :

SLCS979

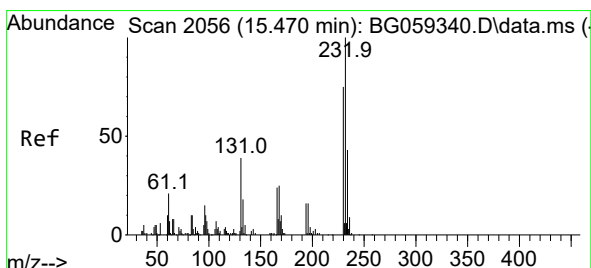
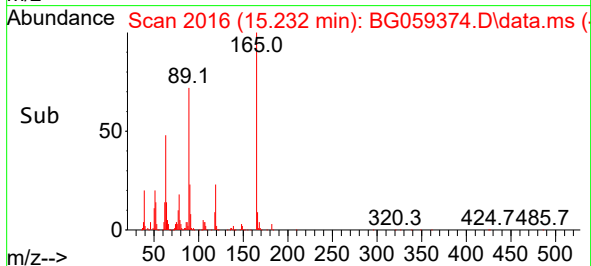
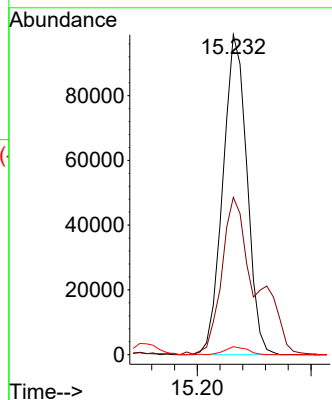
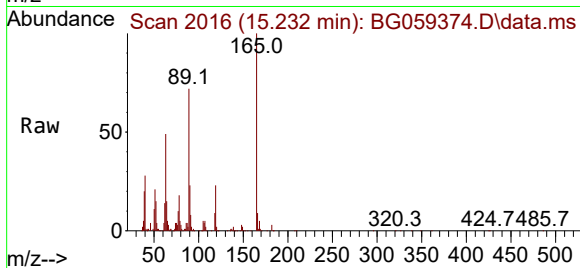
Tgt Ion:165 Resp: 145213

Ion Ratio Lower Upper

165 100

63 49.1 36.4 54.6

182 2.5 1.2 1.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.697 ng/ul

RT: 15.473 min Scan# 2057

Delta R.T. 0.002 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

Tgt Ion:232 Resp: 125422

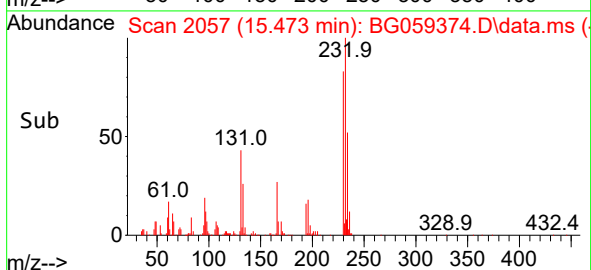
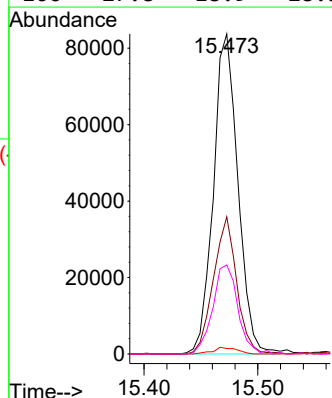
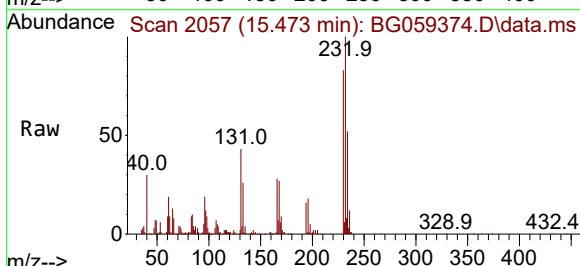
Ion Ratio Lower Upper

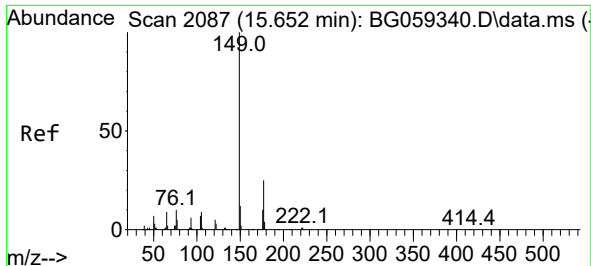
232 100

131 42.9 31.0 46.6

130 1.7 1.8 2.6#

166 27.8 18.9 28.3

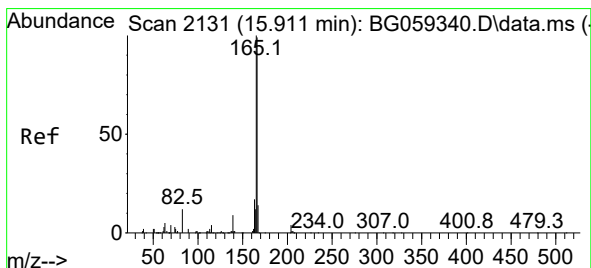
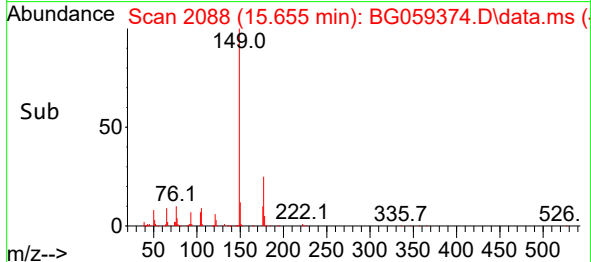
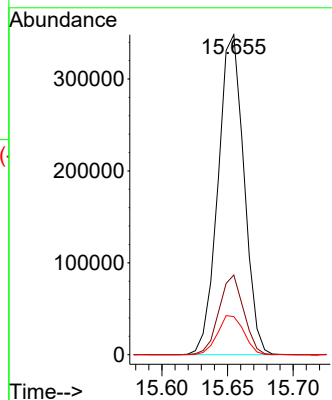
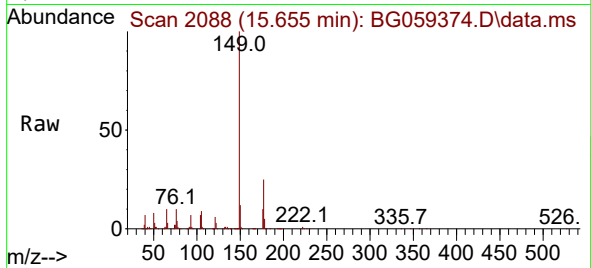




#59
Diethylphthalate
Concen: 39.004 ng/ul
RT: 15.655 min Scan# 2088
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

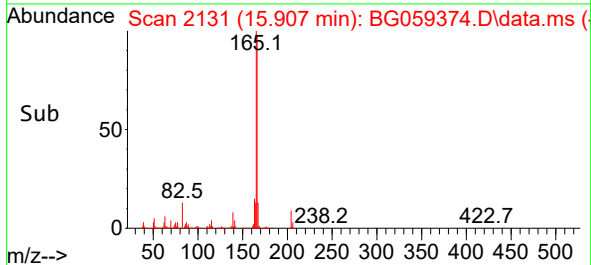
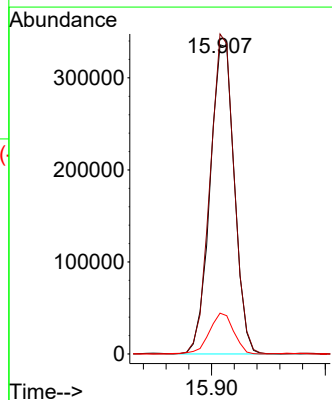
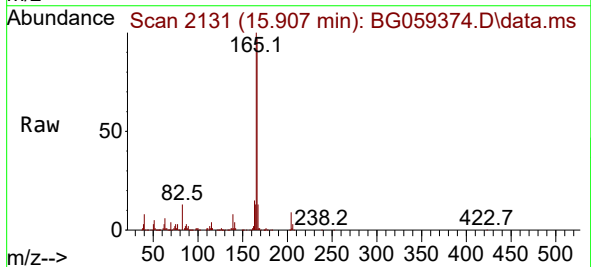
Instrument :
BNA_G
ClientSampleId :
SLCS979

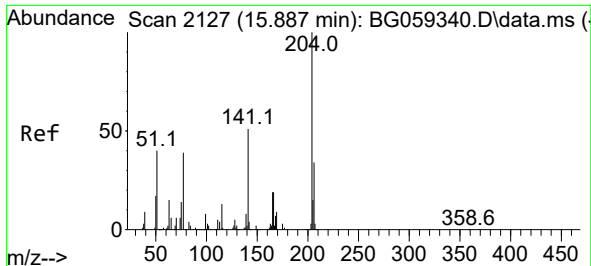
Tgt Ion:149 Resp: 479115
Ion Ratio Lower Upper
149 100
177 24.9 20.1 30.1
150 11.9 9.4 14.2



#61
Fluorene
Concen: 40.014 ng/ul
RT: 15.907 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:166 Resp: 499646
Ion Ratio Lower Upper
166 100
165 103.5 81.0 121.6
167 13.2 11.7 17.5

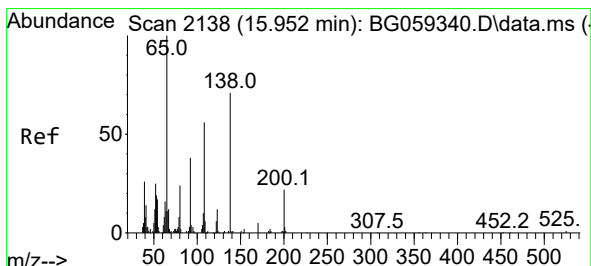
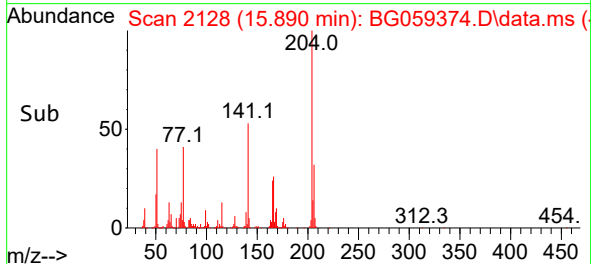
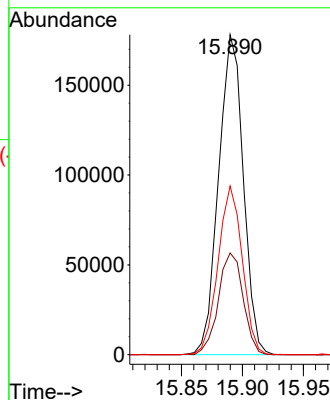
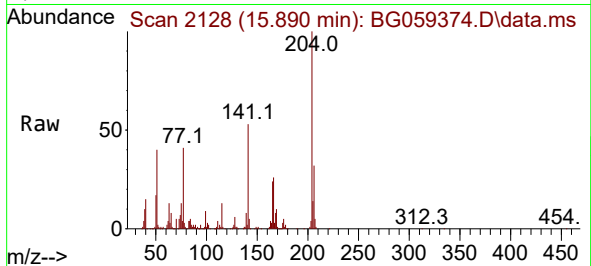




#62
4-Chlorophenyl-phenylether
Concen: 40.689 ng/ul
RT: 15.890 min Scan# 2127
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

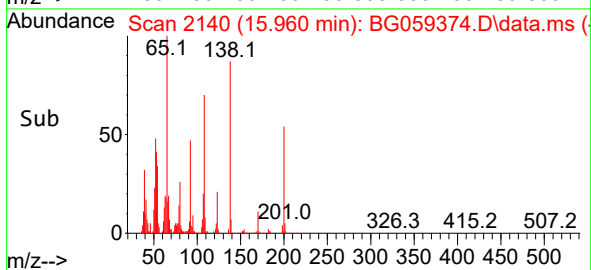
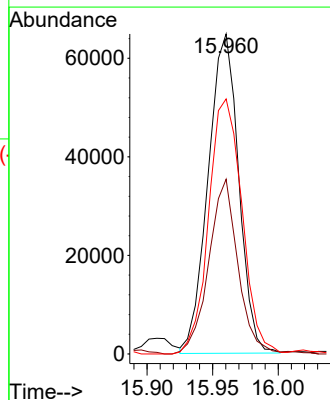
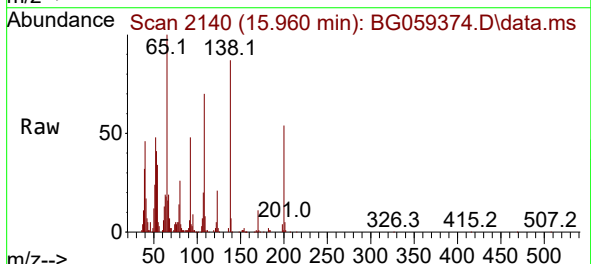
Instrument :
BNA_G
ClientSampleId :
SLCS979

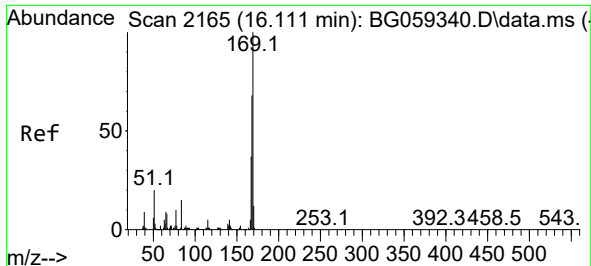
Tgt Ion:204 Resp: 251050
Ion Ratio Lower Upper
204 100
206 31.8 26.9 40.3
141 52.7 40.7 61.1



#63
4-Nitroaniline
Concen: 47.797 ng/ul
RT: 15.960 min Scan# 2140
Delta R.T. 0.008 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:138 Resp: 104990
Ion Ratio Lower Upper
138 100
92 54.6 44.1 66.1
108 79.7 63.3 94.9

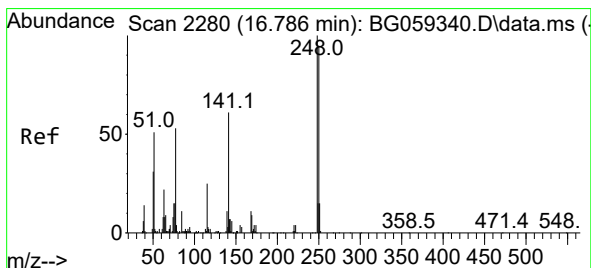
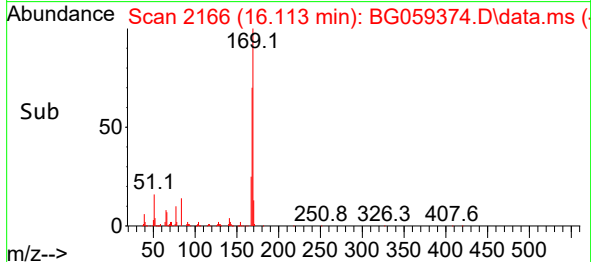
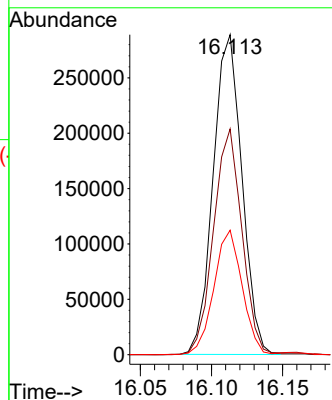
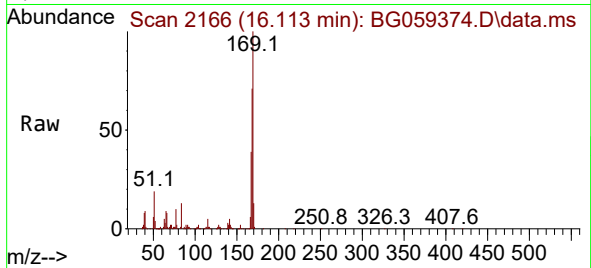




#67
N-Nitrosodiphenylamine
Concen: 21.903 ng/ul
RT: 16.113 min Scan# 2165
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

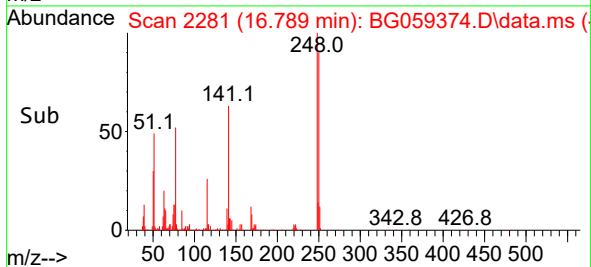
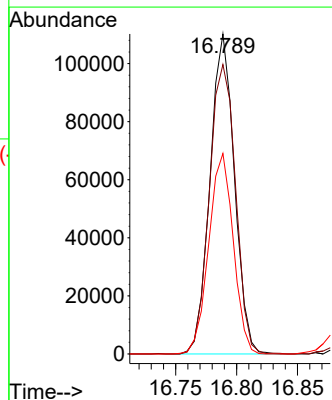
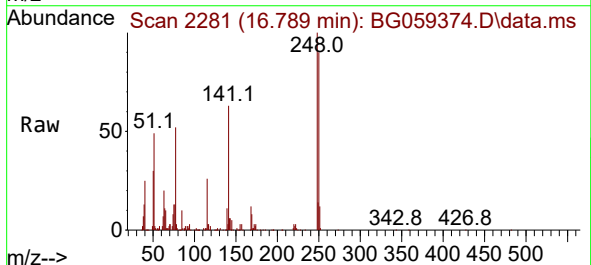
Instrument :
BNA_G
ClientSampleId :
SLCS979

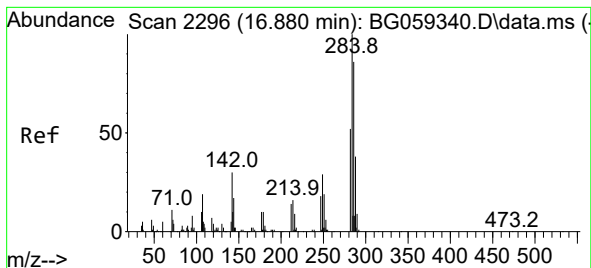
Tgt Ion:169 Resp: 407081
Ion Ratio Lower Upper
169 100
168 70.5 54.6 82.0
167 38.9 29.5 44.3



#68
4-Bromophenyl-phenylether
Concen: 21.977 ng/ul
RT: 16.789 min Scan# 2281
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:248 Resp: 153271
Ion Ratio Lower Upper
248 100
250 90.5 75.0 112.4
141 62.6 49.0 73.6





#69

Hexachlorobenzene

Concen: 22.082 ng/ul

RT: 16.883 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

Instrument :

BNA_G

ClientSampleId :

SLCS979

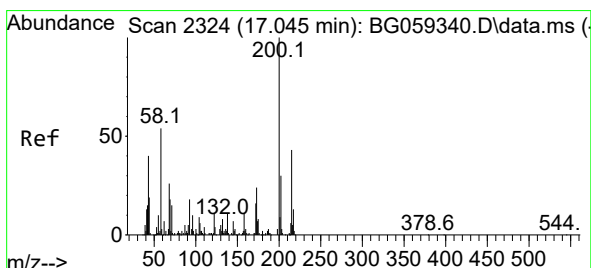
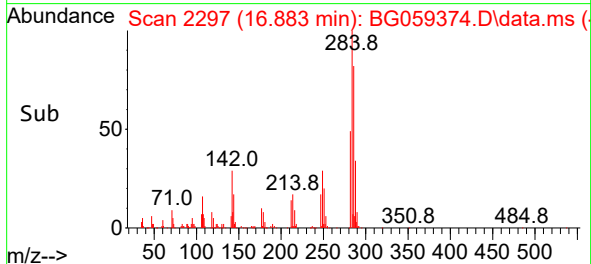
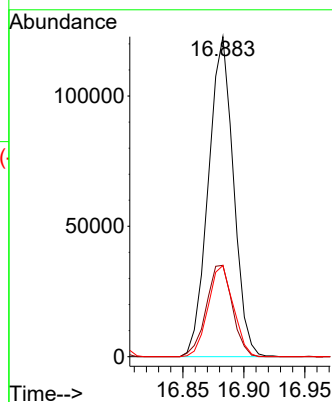
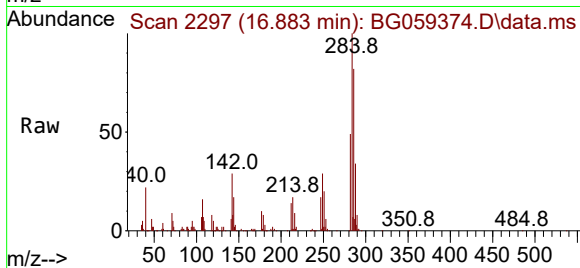
Tgt Ion:284 Resp: 175787

Ion Ratio Lower Upper

284 100

142 28.5 23.8 35.8

249 28.5 23.0 34.6



#70

Atrazine

Concen: 18.508 ng/ul

RT: 17.047 min Scan# 2325

Delta R.T. 0.002 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

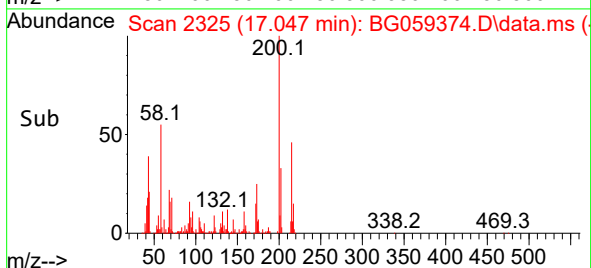
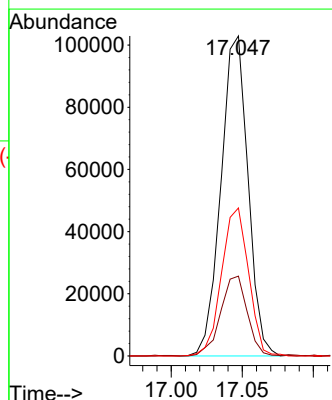
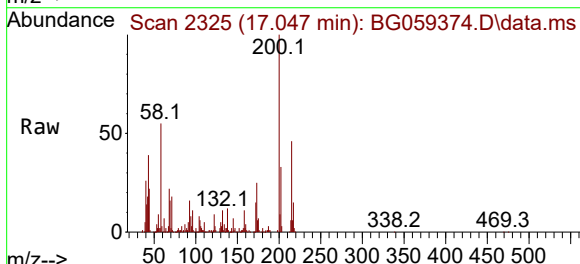
Tgt Ion:200 Resp: 136382

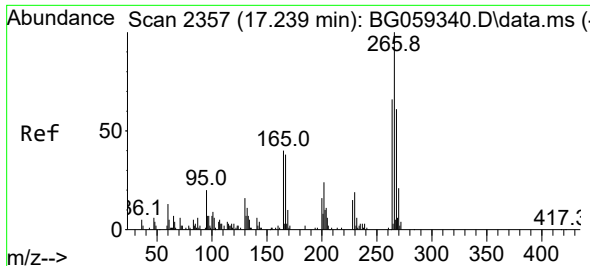
Ion Ratio Lower Upper

200 100

173 24.9 19.4 29.0

215 46.2 34.2 51.4

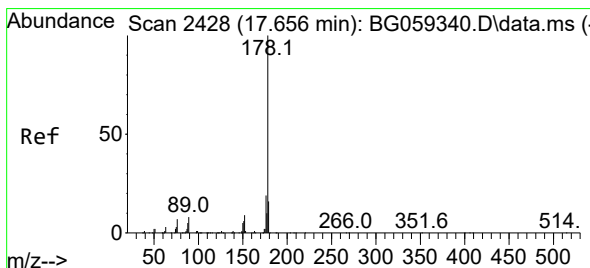
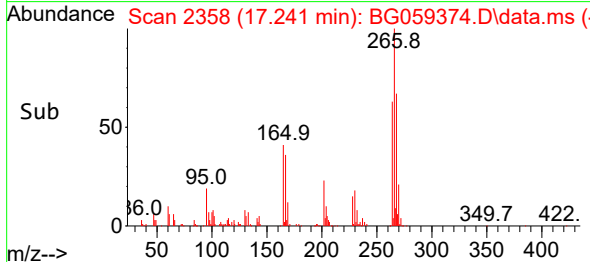
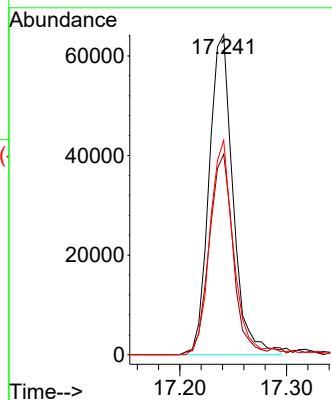
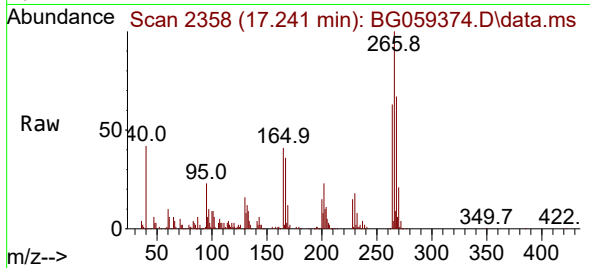




#71
 Pentachlorophenol
 Concen: 21.678 ng/ul
 RT: 17.241 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG059374.D
 Acq: 8 Oct 2023 13:11

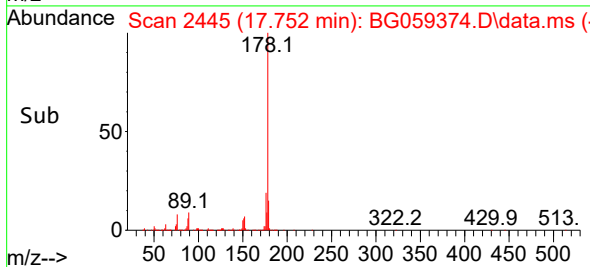
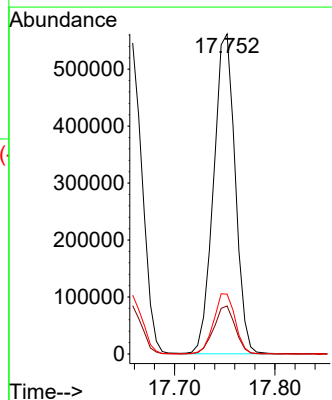
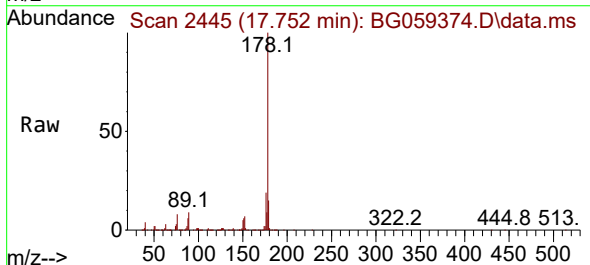
Instrument :
 BNA_G
 ClientSampleId :
 SLCS979

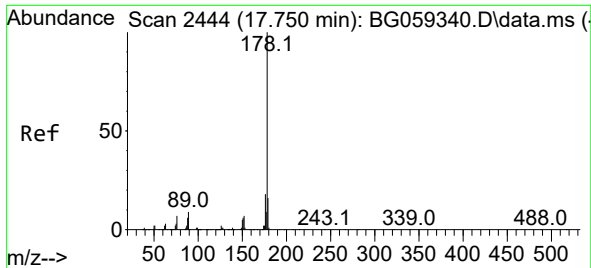
Tgt Ion:266 Resp: 100297
 Ion Ratio Lower Upper
 266 100
 264 62.7 55.0 82.6
 268 67.0 48.5 72.7



#72
 Phenanthrene
 Concen: 21.551 ng/ul
 RT: 17.752 min Scan# 2445
 Delta R.T. 0.096 min
 Lab File: BG059374.D
 Acq: 8 Oct 2023 13:11

Tgt Ion:178 Resp: 838270
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.4 18.6
 176 18.7 15.2 22.8

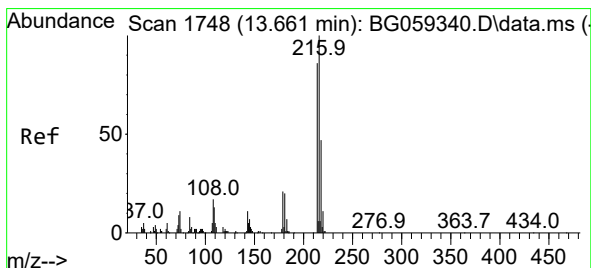
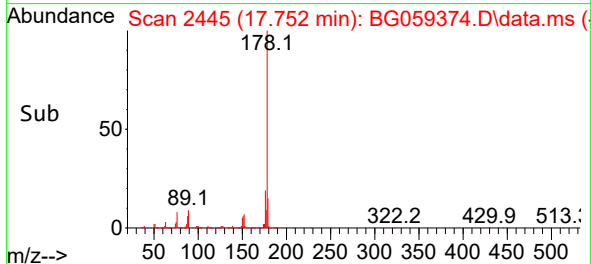
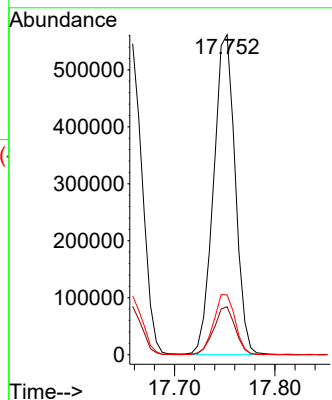
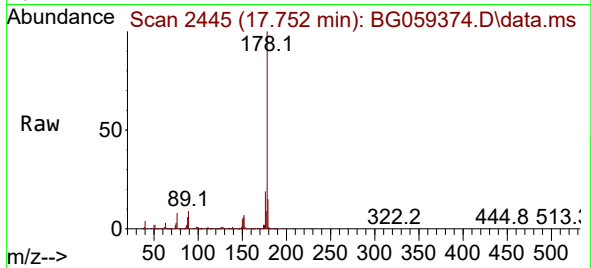




#74
 Anthracene
 Concen: 21.173 ng/uI
 RT: 17.752 min Scan# 2444
 Delta R.T. 0.002 min
 Lab File: BG059374.D
 Acq: 8 Oct 2023 13:11

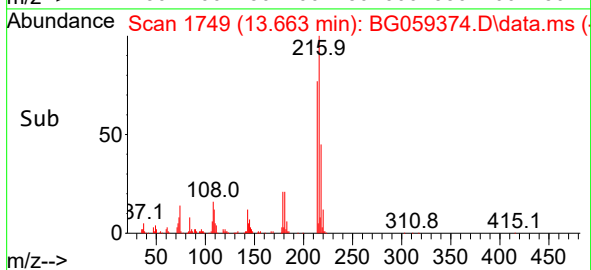
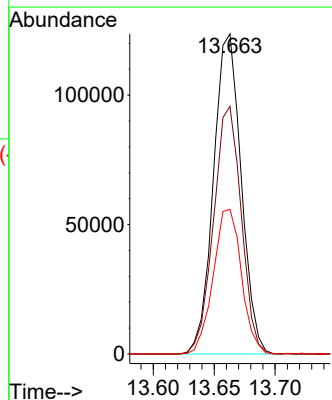
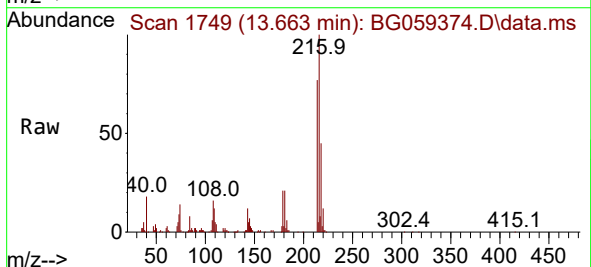
Instrument :
 BNA_G
 ClientSampleId :
 SLCS979

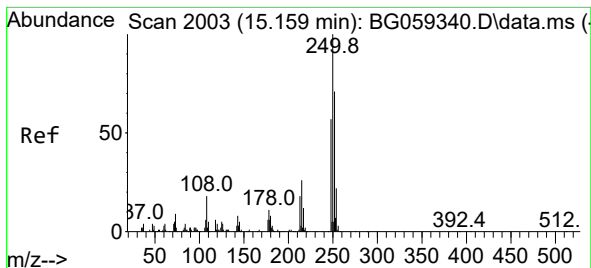
Tgt Ion:178 Resp: 837619
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.5 18.7
 176 18.7 14.6 21.8



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 22.893 ng/uI
 RT: 13.663 min Scan# 1749
 Delta R.T. 0.002 min
 Lab File: BG059374.D
 Acq: 8 Oct 2023 13:11

Tgt Ion:216 Resp: 195337
 Ion Ratio Lower Upper
 216 100
 214 77.3 68.5 102.7
 218 45.2 37.8 56.8





#76

Pentachlorobenzene

Concen: 20.660 ng/uL

RT: 15.155 min Scan# 2003

Delta R.T. -0.003 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

Instrument :

BNA_G

ClientSampleId :

SLCS979

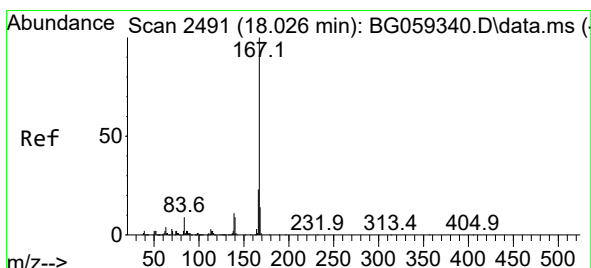
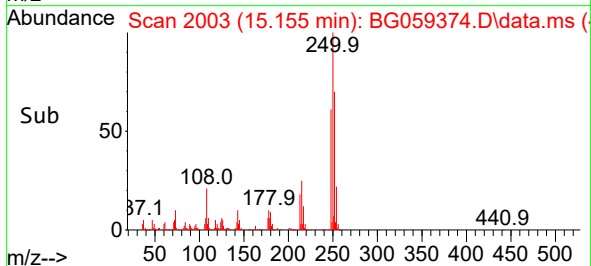
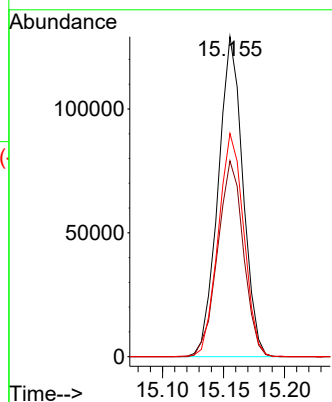
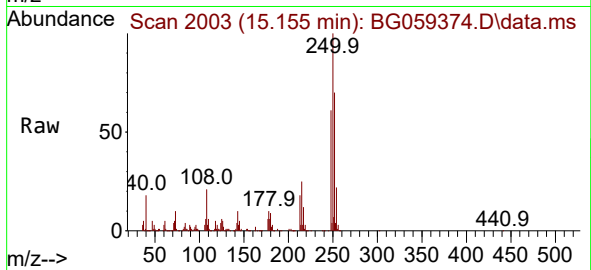
Tgt Ion:250 Resp: 182445

Ion Ratio Lower Upper

250 100

248 61.2 45.4 68.2

252 69.8 56.6 84.8



#77

Carbazole

Concen: 21.587 ng/uL

RT: 18.028 min Scan# 2492

Delta R.T. 0.002 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

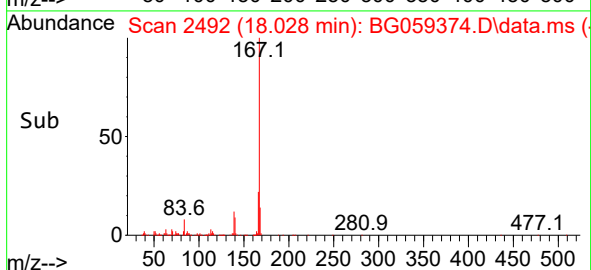
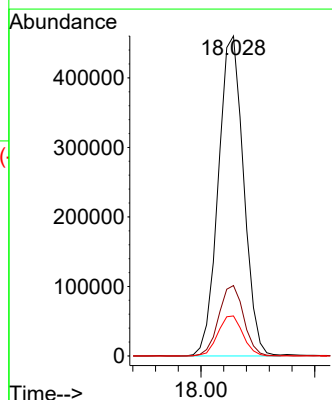
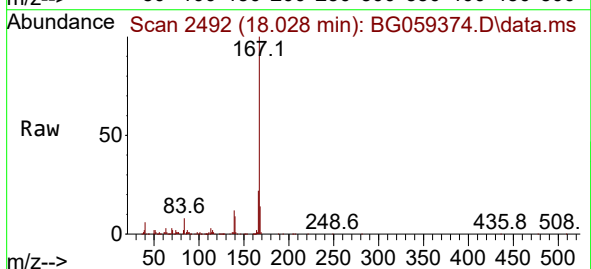
Tgt Ion:167 Resp: 710700

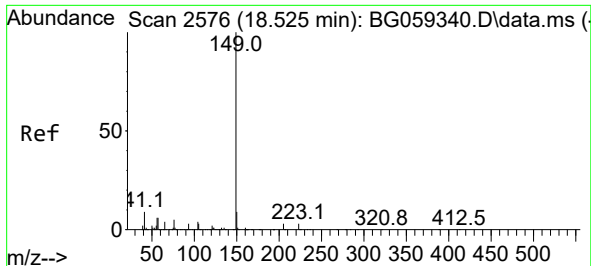
Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.4

139 12.5 9.1 13.7

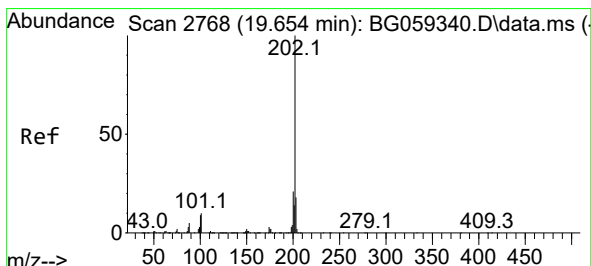
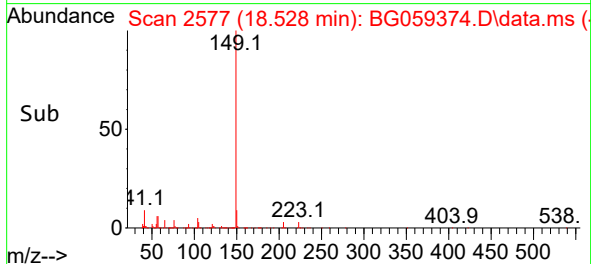
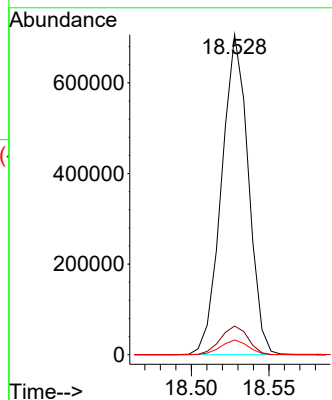
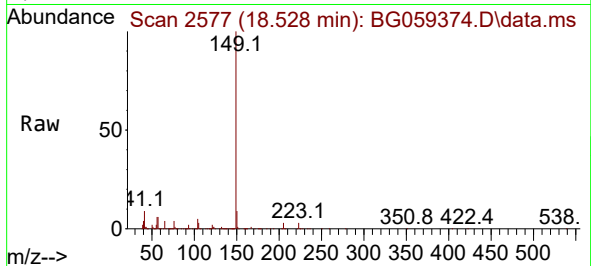




#78
Di-n-butylphthalate
Concen: 21.702 ng/ul
RT: 18.528 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

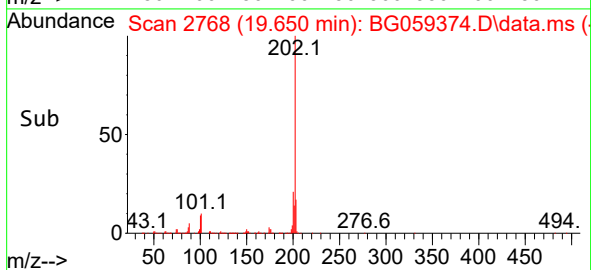
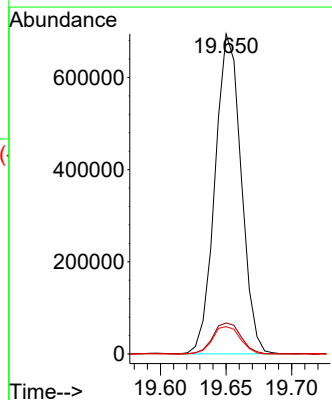
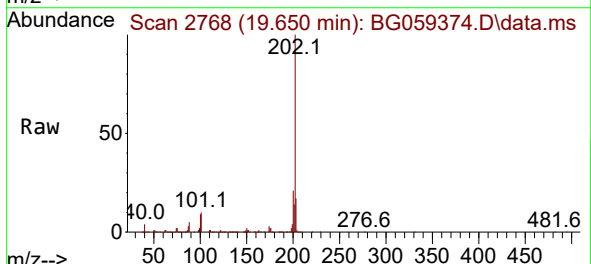
Instrument :
BNA_G
ClientSampleId :
SLCS979

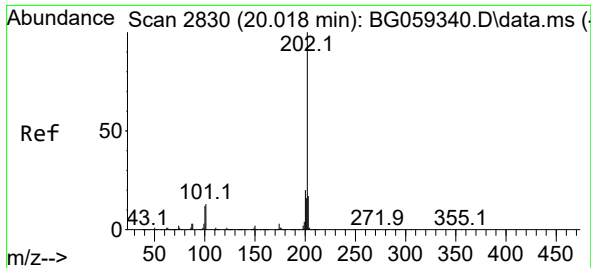
Tgt Ion:149 Resp: 845298
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.6 3.4 5.2



#80
Fluoranthene
Concen: 42.334 ng/ul
RT: 19.650 min Scan# 2768
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:202 Resp: 960119
Ion Ratio Lower Upper
202 100
101 9.7 8.0 12.0
100 8.6 7.2 10.8

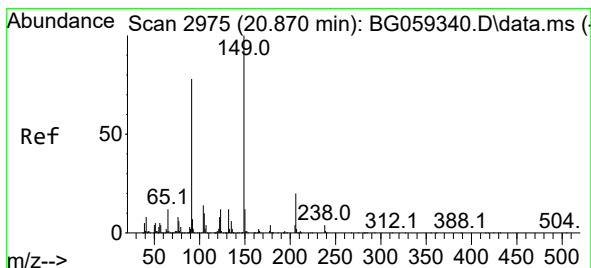
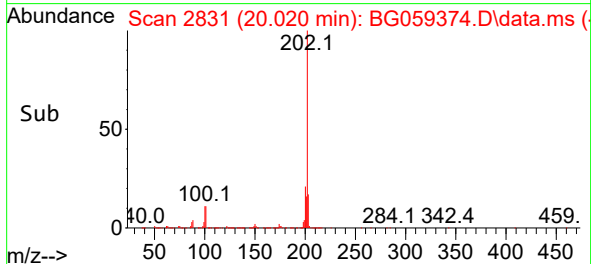
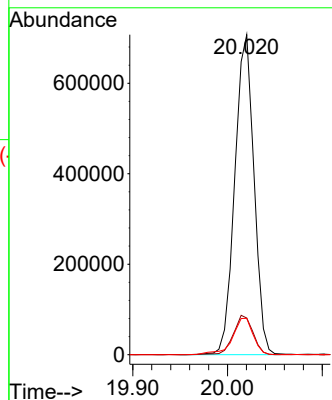
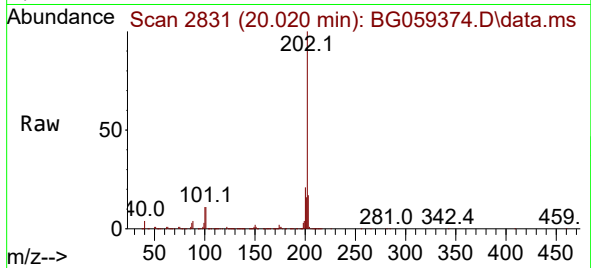




#82
 Pyrene
 Concen: 42.084 ng/ul
 RT: 20.020 min Scan# 2831
 Delta R.T. 0.002 min
 Lab File: BG059374.D
 Acq: 8 Oct 2023 13:11

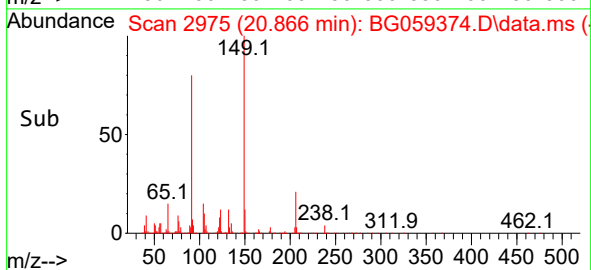
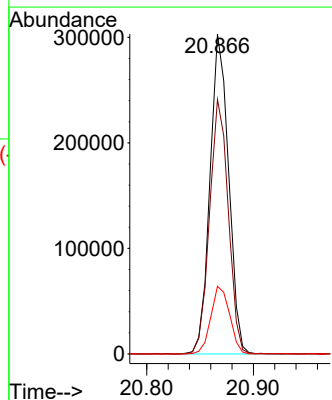
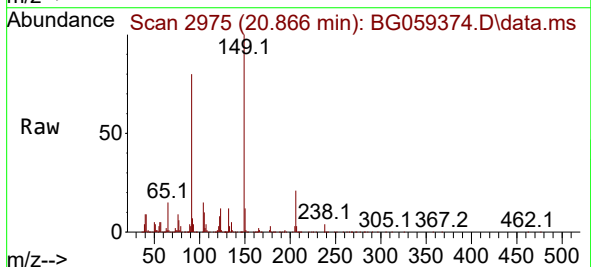
Instrument :
 BNA_G
 ClientSampleId :
 SLCS979

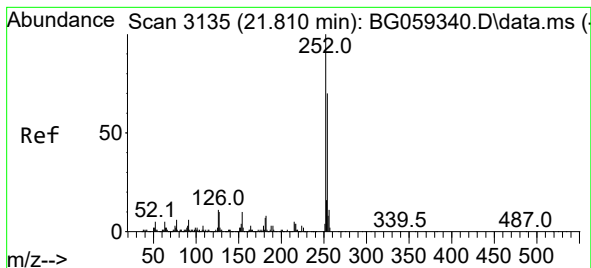
Tgt Ion:202 Resp: 991943
 Ion Ratio Lower Upper
 202 100
 101 11.5 10.5 15.7
 100 11.4 9.6 14.4



#83
 Butylbenzylphthalate
 Concen: 42.224 ng/ul
 RT: 20.866 min Scan# 2975
 Delta R.T. -0.003 min
 Lab File: BG059374.D
 Acq: 8 Oct 2023 13:11

Tgt Ion:149 Resp: 367733
 Ion Ratio Lower Upper
 149 100
 91 79.5 62.0 93.0
 206 21.1 16.3 24.5





#84

3,3'-Dichlorobenzidine

Concen: 44.365 ng/ul

RT: 21.812 min Scan# 3135

Delta R.T. 0.002 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

Instrument :

BNA_G

ClientSampleId :

SLCS979

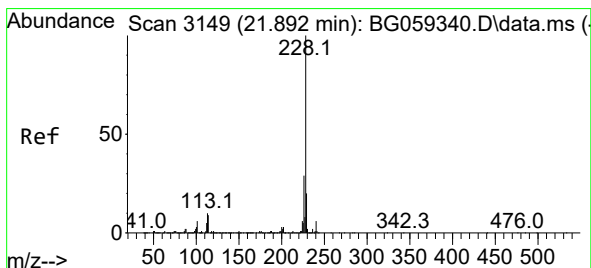
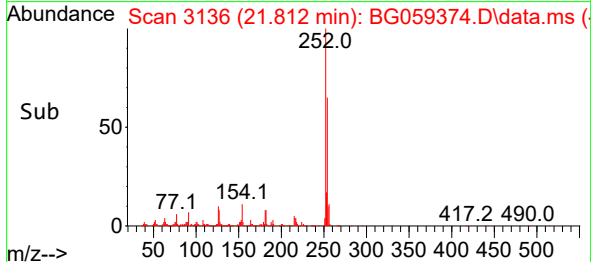
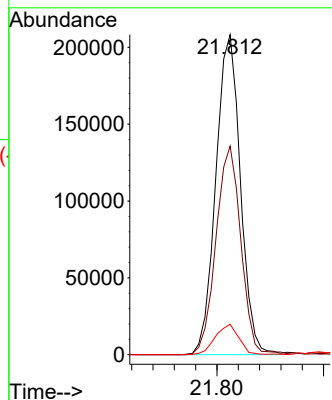
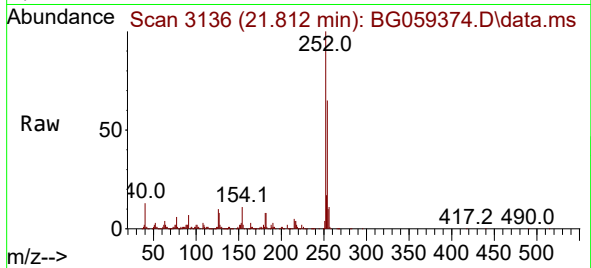
Tgt Ion:252 Resp: 333000

Ion Ratio Lower Upper

252 100

254 65.2 55.5 83.3

126 9.5 9.0 13.4



#85

Benzo(a)anthracene

Concen: 41.677 ng/ul

RT: 21.895 min Scan# 3150

Delta R.T. 0.002 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

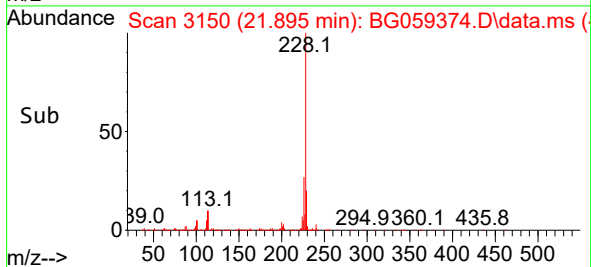
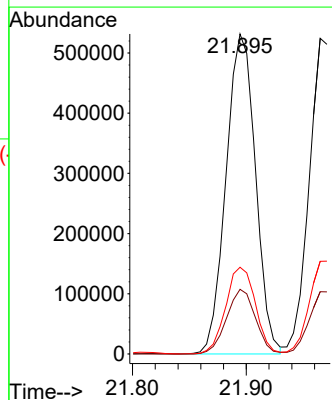
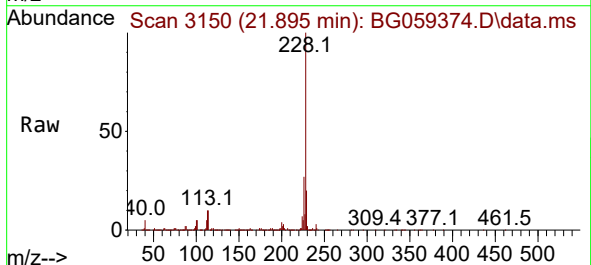
Tgt Ion:228 Resp: 957692

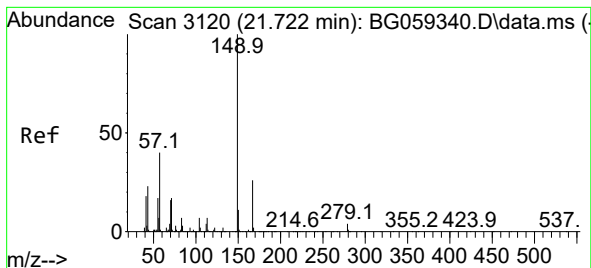
Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.8

226 27.1 23.3 34.9

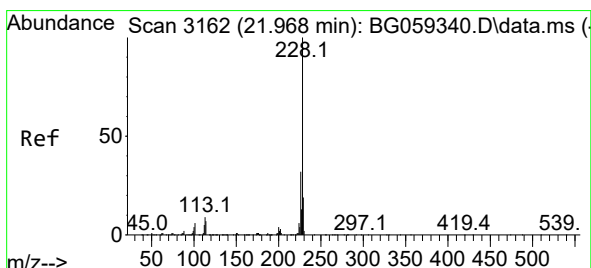
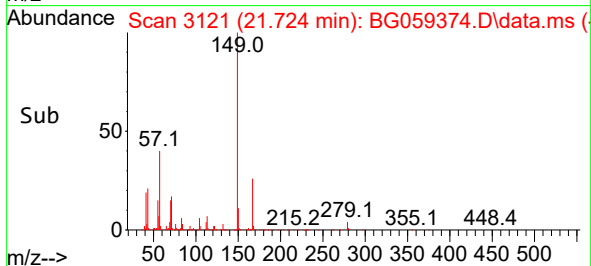
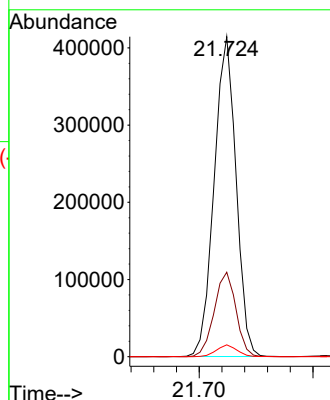
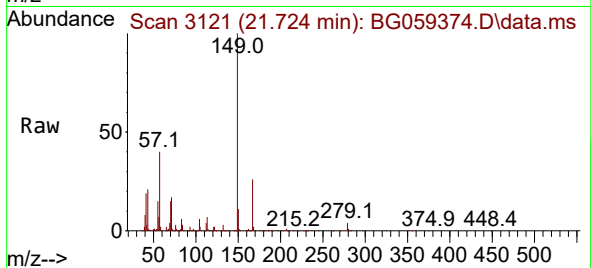




#86
Bis(2-ethylhexyl)phthalate
Concen: 42.533 ng/ul
RT: 21.724 min Scan# 3120
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

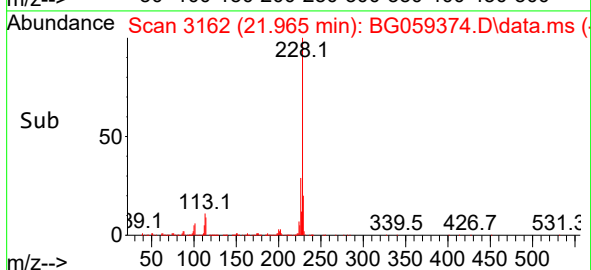
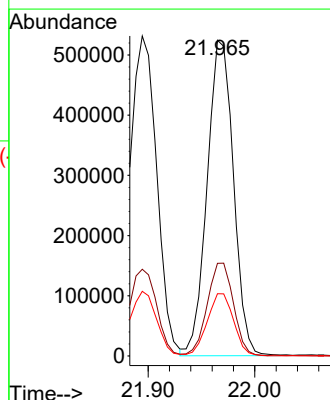
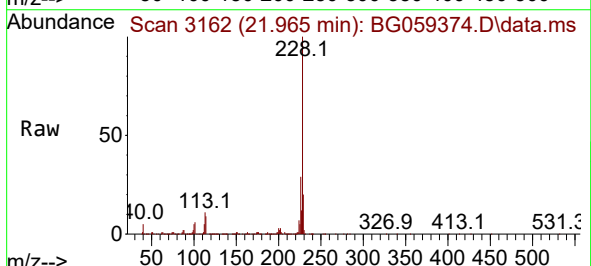
Instrument :
BNA_G
ClientSampleId :
SLCS979

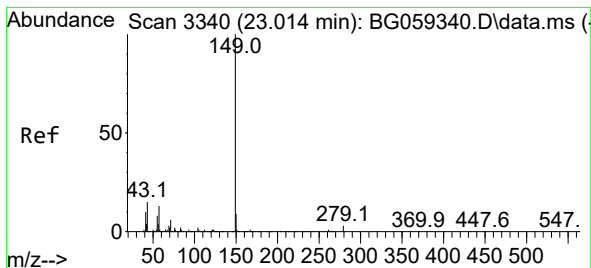
Tgt Ion:149 Resp: 554001
Ion Ratio Lower Upper
149 100
167 26.4 20.9 31.3
279 3.7 2.8 4.2



#87
Chrysene
Concen: 41.688 ng/ul
RT: 21.965 min Scan# 3162
Delta R.T. -0.003 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:228 Resp: 899789
Ion Ratio Lower Upper
228 100
226 29.4 25.2 37.8
229 19.7 15.0 22.4





#89

Di-n-octyl phthalate

Concen: 43.166 ng/ul

RT: 23.017 min Scan# 3341

Delta R.T. 0.002 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

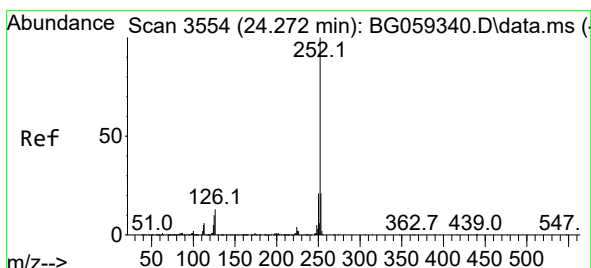
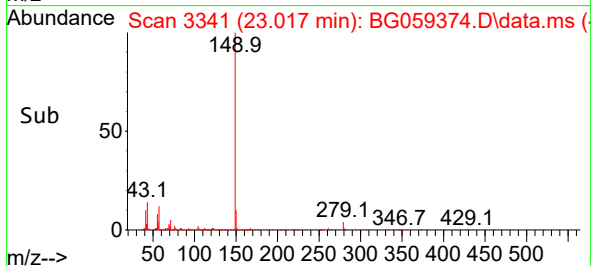
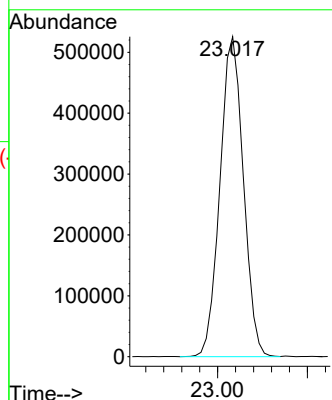
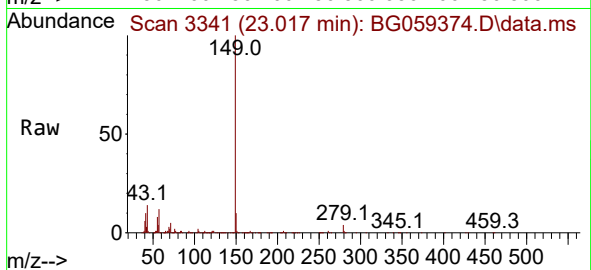
Instrument :

BNA_G

ClientSampleId :

SLCS979

Tgt Ion:149 Resp: 950372



#90

Benzo(b)fluoranthene

Concen: 41.888 ng/ul

RT: 24.280 min Scan# 3556

Delta R.T. 0.008 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

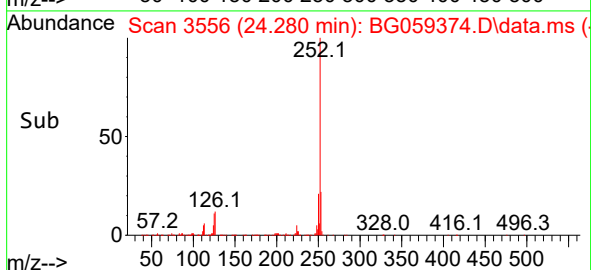
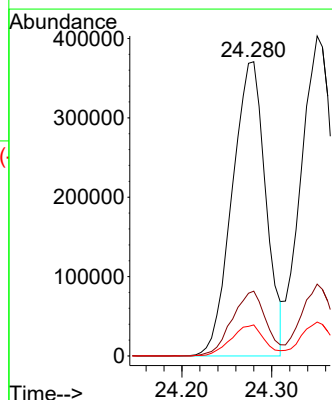
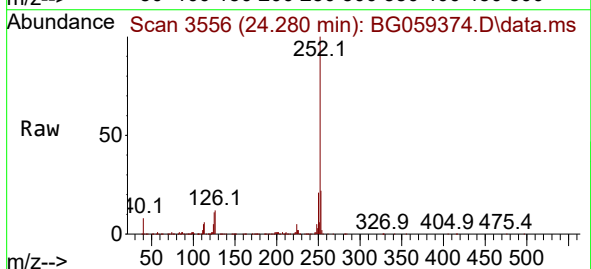
Tgt Ion:252 Resp: 962991

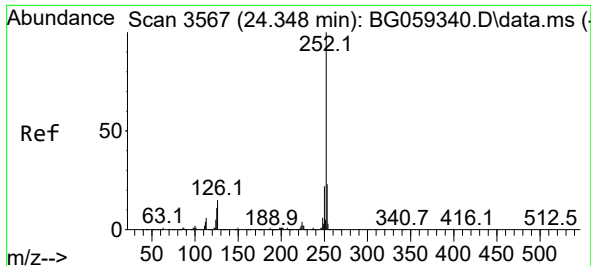
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.5 8.0 12.0

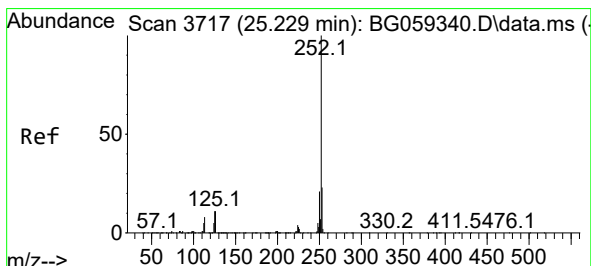
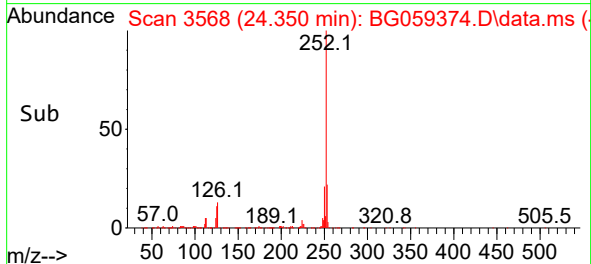
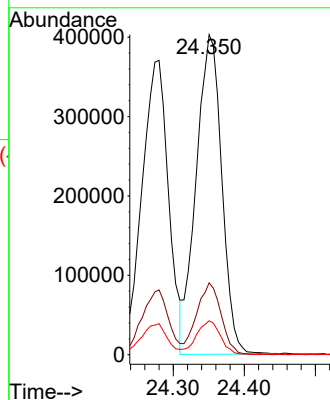
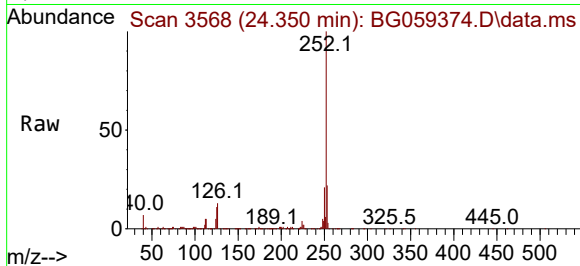




#91
Benzo(k)fluoranthene
Concen: 43.246 ng/ul
RT: 24.350 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

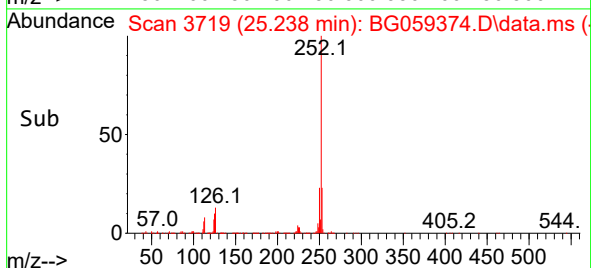
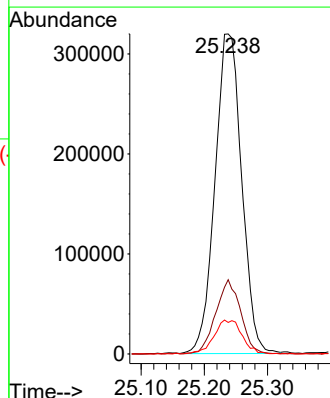
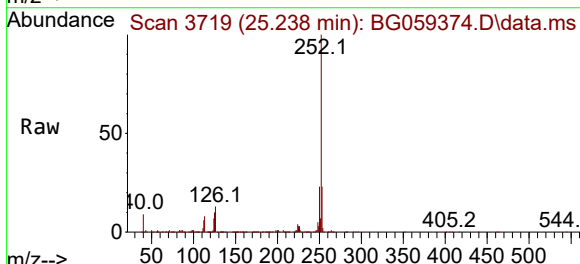
Instrument :
BNA_G
ClientSampleId :
SLCS979

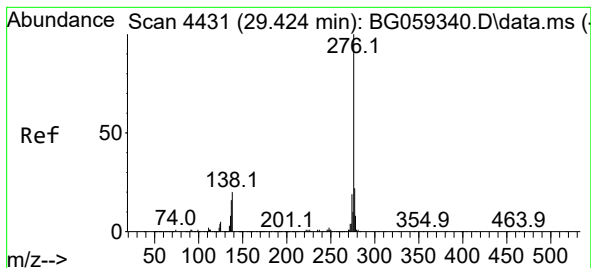
Tgt Ion:252 Resp: 1009482
Ion Ratio Lower Upper
252 100
253 22.5 19.0 28.4
125 10.6 9.0 13.4



#93
Benzo(a)pyrene
Concen: 42.895 ng/ul
RT: 25.238 min Scan# 3719
Delta R.T. 0.008 min
Lab File: BG059374.D
Acq: 8 Oct 2023 13:11

Tgt Ion:252 Resp: 939351
Ion Ratio Lower Upper
252 100
253 23.2 18.5 27.7
125 9.9 8.7 13.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 21.926 ng/ul

RT: 29.427 min Scan# 4432

Delta R.T. 0.002 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

Instrument :

BNA_G

ClientSampleId :

SLCS979

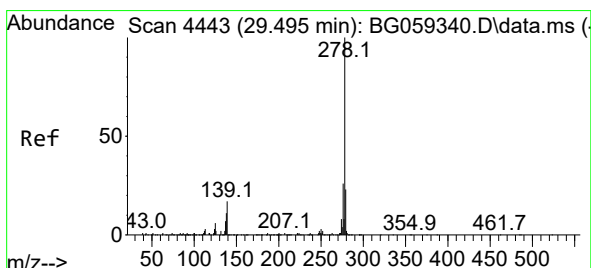
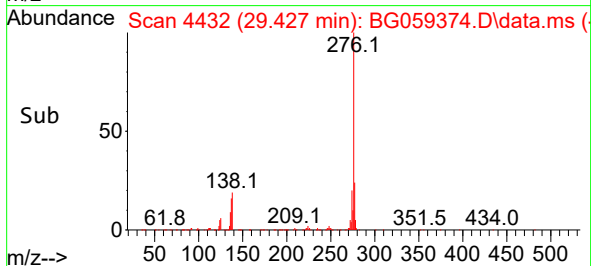
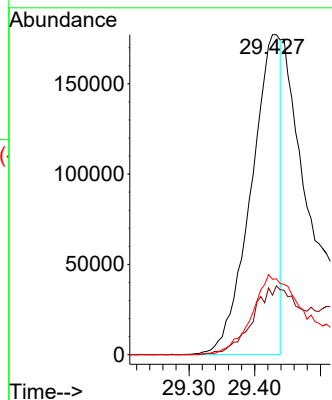
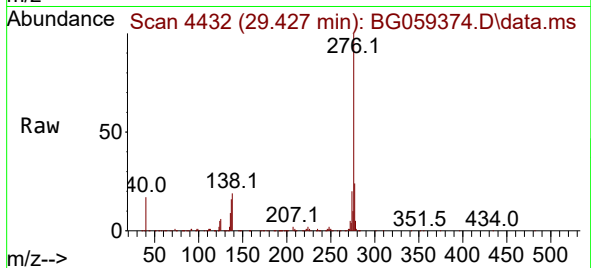
Tgt Ion:276 Resp: 553104

Ion Ratio Lower Upper

276 100

138 18.6 16.2 24.4

277 23.5 17.1 25.7



#95

Dibenzo(a,h)anthracene

Concen: 42.704 ng/ul

RT: 29.515 min Scan# 4447

Delta R.T. 0.020 min

Lab File: BG059374.D

Acq: 8 Oct 2023 13:11

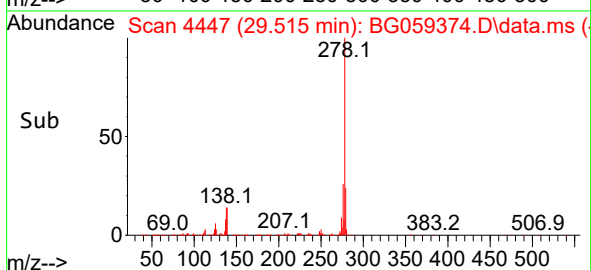
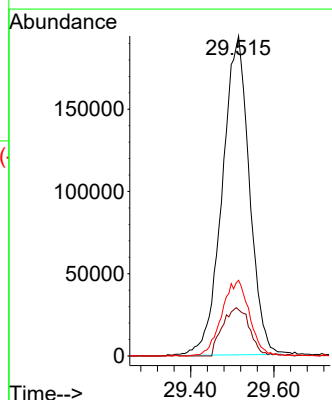
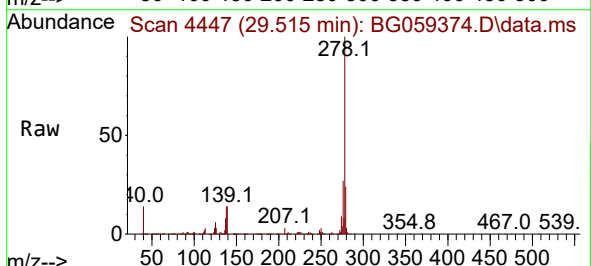
Tgt Ion:278 Resp: 875924

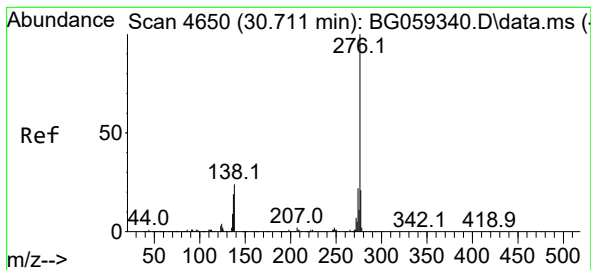
Ion Ratio Lower Upper

278 100

139 14.4 13.7 20.5

279 23.7 18.6 27.8





#96

Benzo(g,h,i)perylene

Concen: 43.225 ng/ul

RT: 30.714 min Scan# 4

Delta R.T. 0.002 min

Lab File: BG059374.D

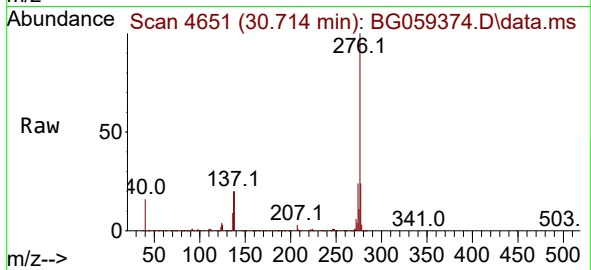
Acq: 8 Oct 2023 13:11

Instrument :

BNA_G

ClientSampleId :

SLCS979



Tgt Ion:276 Resp: 869608

Ion Ratio Lower Upper

276 100

138 20.3 19.0 28.4

277 23.6 17.2 25.8

