

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
 Data File : BG059388.D
 Acq On : 8 Oct 2023 23:18
 Operator : MA/JU
 Sample : PB156048BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS048

Quant Time: Oct 09 01:05:28 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	8.226	152	45802	20.000	ng/u1	0.00
20) Naphthalene-d8	11.069	136	220171	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.865	164	150866	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.615	188	338186	20.000	ng/u1	0.00
79) Chrysene-d12	21.915	240	295482	20.000	ng/u1	0.00
88) Perylene-d12	25.400	264	349821	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.525	96	9850	7.668	ng/uL	0.00
4) Pyridine-d5	3.966	84	124275	33.610	ng/u1	0.00
7) Phenol-d5	7.356	99	194061	38.372	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	109355	38.256	ng/u1	0.00
11) 2-Chlorophenol-d4	7.744	132	138164	39.062	ng/u1	0.00
15) 4-Methylphenol-d8	8.925	113	146802	37.256	ng/u1	0.00
21) Nitrobenzene-d5	9.430	128	72873	38.881	ng/u1	0.00
24) 2-Nitrophenol-d4	10.147	143	77121	38.017	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.676	165	150392	41.074	ng/u1	0.00
31) 4-Chloroaniline-d4	11.216	131	203638	35.013	ng/u1	0.00
46) Dimethylphthalate-d6	14.260	166	473843	38.337	ng/u1	0.00
49) Acenaphthylene-d8	14.565	160	572022	38.890	ng/u1	0.00
54) 4-Nitrophenol-d4	15.059	143	87048	37.582	ng/u1	0.00
60) Fluorene-d10	15.852	176	436377	36.988	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.969	200	93745	41.985	ng/u1	0.00
73) Anthracene-d10	17.714	188	668251	40.281	ng/u1	0.00
81) Pyrene-d10	19.988	212	736555	41.148	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.159	264	752761	40.893	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.560	88	19317	14.087	ng/uL#	81
5) Pyridine	3.983	79	116904	31.314	ng/u1	97
6) Benzaldehyde	7.374	77	85390	40.705	ng/u1	91
8) Phenol	7.385	94	203411	40.674	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.644	93	153488	39.853	ng/u1	99
12) 2-Chlorophenol	7.779	128	149513	40.115	ng/u1	96
13) 2-Methylphenol	8.660	108	149576	40.027	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.731	45	194370	24.121	ng/u1#	97
16) Acetophenone	9.072	105	237026	39.585	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.036	70	112012	37.543	ng/u1	91
18) 4-Methylphenol	8.995	108	163550	39.800	ng/u1	99
19) Hexachloroethane	9.313	117	55386	40.855	ng/u1	85
22) Nitrobenzene	9.471	77	169612	41.279	ng/u1	89
23) Isophorone	9.976	82	352275	40.151	ng/u1#	97
25) 2-Nitrophenol	10.176	139	90934	43.465	ng/u1	95
26) 2,4-Dimethylphenol	10.206	107	144872	35.102	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.458	93	222479	42.197	ng/u1	95
29) 2,4-Dichlorophenol	10.699	162	158530	42.997	ng/u1	98
30) Naphthalene	11.122	128	528633	41.514	ng/u1	99
32) 4-Chloroaniline	11.246	127	173774	31.584	ng/u1	98
33) Hexachlorobutadiene	11.345	225	97320	43.717	ng/u1	98
34) Caprolactam	12.021	113	36875	27.543	ng/u1	92
35) 4-Chloro-3-methylphenol	12.321	107	165072	41.723	ng/u1	90
36) 2-Methylnaphthalene	12.709	142	364374	42.923	ng/u1	91

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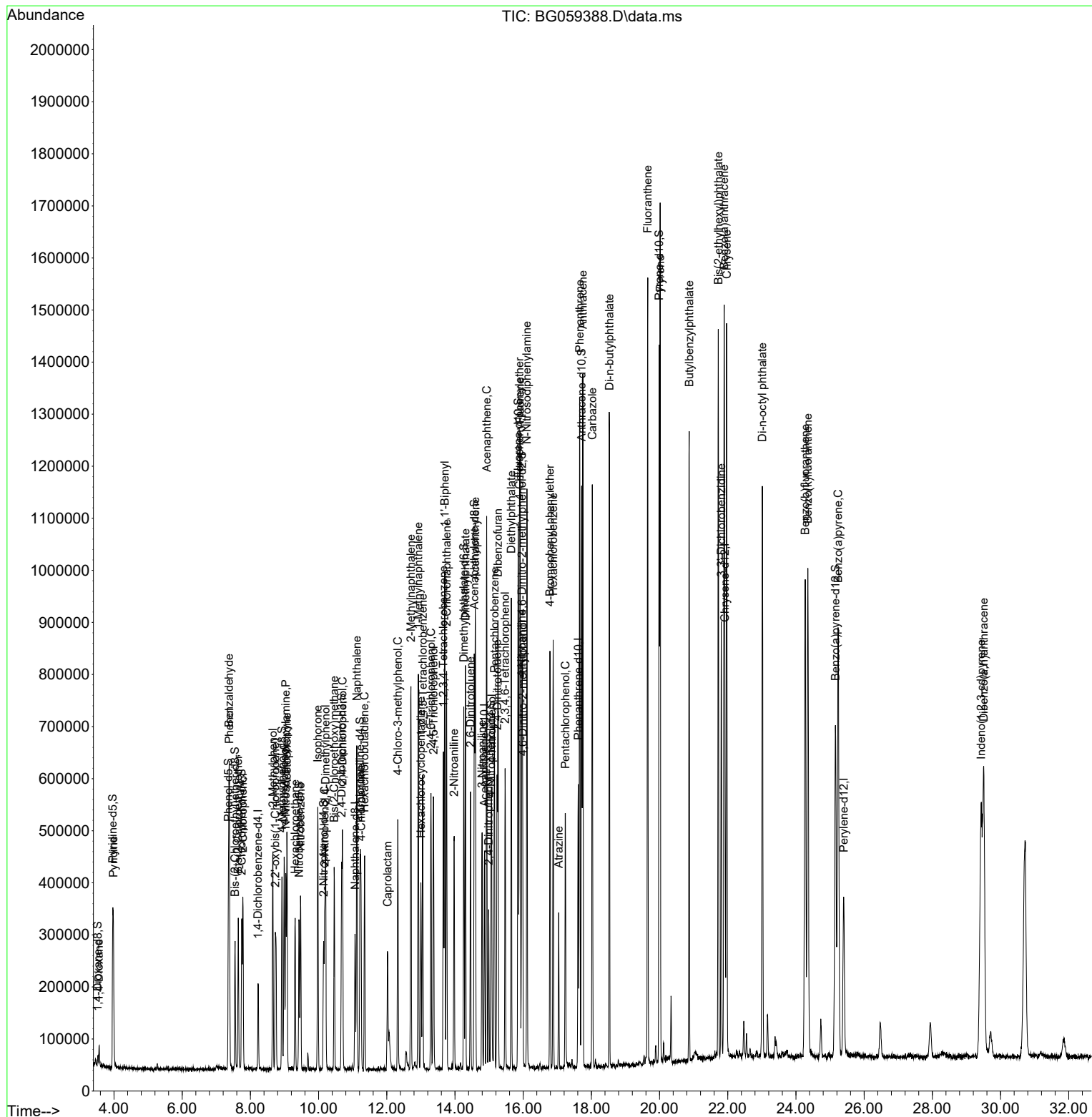
Instrument :
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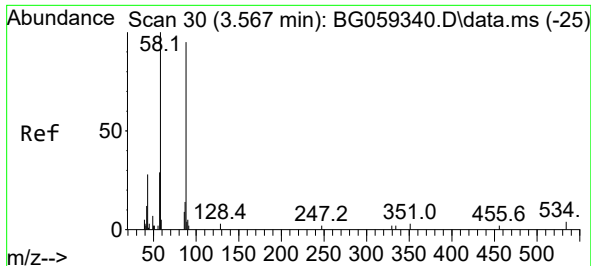
Quant Time: Oct 09 01:05:28 2023
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 QLast Update : Sat Oct 07 22:45:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.926	142	354630	40.235	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.055	216	187716	41.772	ng/ul	95
40) Hexachlorocyclopentadiene	13.002	237	100433	37.227	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.296	196	125030	41.004	ng/ul	98
42) 2,4,5-Trichlorophenol	13.372	196	135508	40.918	ng/ul	100
43) 1,1'-Biphenyl	13.701	154	516527	41.599	ng/ul	98
44) 2-Chloronaphthalene	13.754	162	393479	41.225	ng/ul	100
45) 2-Nitroaniline	13.972	65	131160	41.965	ng/ul	98
47) Dimethylphthalate	14.307	163	508654	40.948	ng/ul	99
48) 2,6-Dinitrotoluene	14.454	165	103767	41.406	ng/ul	93
50) Acenaphthylene	14.600	152	641533	40.576	ng/ul	98
51) 3-Nitroaniline	14.794	138	116072	47.300	ng/ul	100
52) Acenaphthene	14.929	153	442913	41.403	ng/ul	98
53) 2,4-Dinitrophenol	14.988	184	62505	34.723	ng/ul	95
55) 4-Nitrophenol	15.076	109	63585	40.688	ng/ul	89
56) Dibenzofuran	15.258	168	599433	40.611	ng/ul	97
57) 2,4-Dinitrotoluene	15.235	165	150256	40.939	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.470	232	126874	39.926	ng/ul	95
59) Diethylphthalate	15.652	149	498647	40.361	ng/ul	97
61) Fluorene	15.911	166	508967	40.527	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.887	204	258556	41.665	ng/ul	97
63) 4-Nitroaniline	15.958	138	116059	52.533	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.987	198	106850	44.993	ng/ul#	97
67) N-Nitrosodiphenylamine	16.110	169	419282	43.811	ng/ul	96
68) 4-Bromophenyl-phenylether	16.786	248	159695	44.469	ng/ul	99
69) Hexachlorobenzene	16.880	284	180013	43.915	ng/ul	95
70) Atrazine	17.045	200	54185	14.280	ng/ul#	89
71) Pentachlorophenol	17.238	266	101942	42.790	ng/ul	94
72) Phenanthrene	17.656	178	875098	43.692	ng/ul	98
74) Anthracene	17.750	178	869537	42.686	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.660	216	194338	44.232	ng/uL	93
76) Pentachlorobenzene	15.159	250	185881	40.878	ng/uL#	90
77) Carbazole	18.026	167	738210	43.546	ng/ul	98
78) Di-n-butylphthalate	18.531	149	891444	44.447	ng/ul	98
80) Fluoranthene	19.653	202	986082	44.272	ng/ul	99
82) Pyrene	20.018	202	1012354	43.734	ng/ul	99
83) Butylbenzylphthalate	20.870	149	378078	44.204	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.810	252	340988	46.258	ng/ul	94
85) Benzo(a)anthracene	21.892	228	991413	43.932	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.721	149	556658	43.517	ng/ul	98
87) Chrysene	21.968	228	920382	43.421	ng/ul	96
89) Di-n-octyl phthalate	23.014	149	975993	44.216	ng/ul	100
90) Benzo(b)fluoranthene	24.271	252	988175	42.873	ng/ul	99
91) Benzo(k)fluoranthene	24.348	252	1026731	43.872	ng/ul	97
93) Benzo(a)pyrene	25.235	252	951655	43.345	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.430	276	1111905	43.966	ng/ul	97
95) Dibenzo(a,h)anthracene	29.506	278	915363	44.512	ng/ul	99

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

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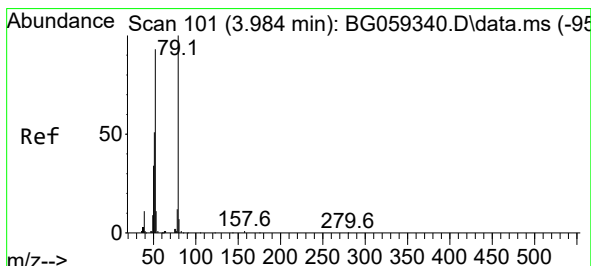
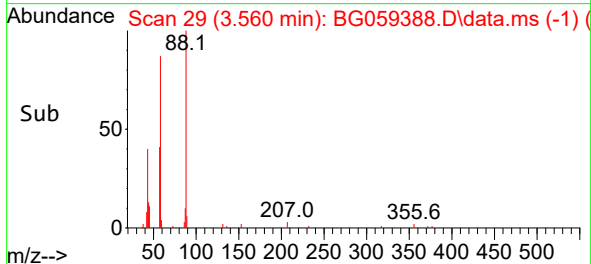
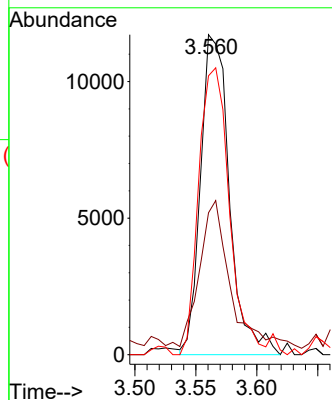
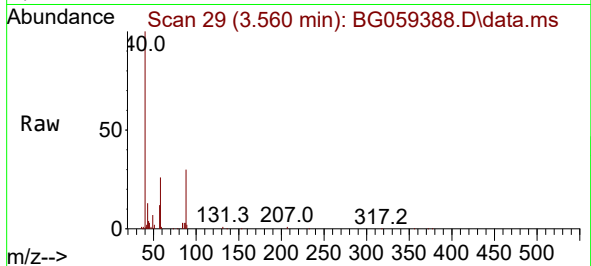




#2
1,4-Dioxane
Concen: 14.087 ng/uL
RT: 3.560 min Scan# 29
Delta R.T. -0.006 min
Lab File: BG059388.D
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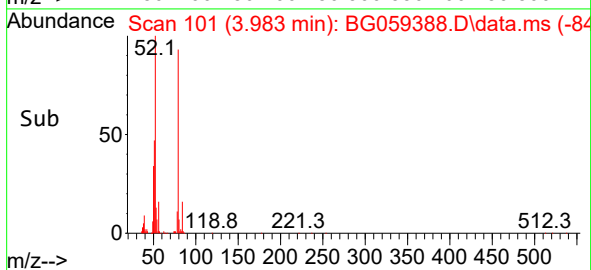
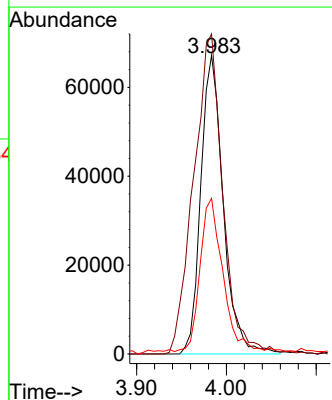
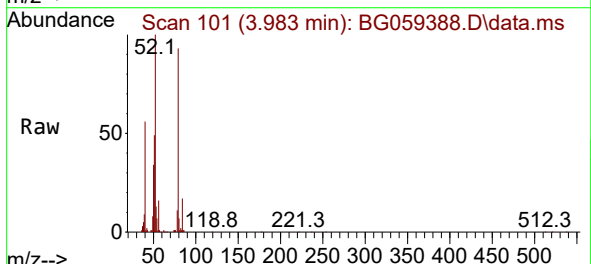
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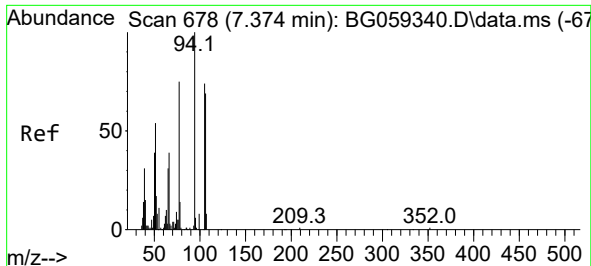
Tgt Ion: 88 Resp: 19317
Ion Ratio Lower Upper
88 100
43 44.4 25.4 38.0#
58 87.1 84.6 127.0



#5
Pyridine
Concen: 31.314 ng/uL
RT: 3.983 min Scan# 101
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion: 79 Resp: 116904
Ion Ratio Lower Upper
79 100
52 107.1 82.5 123.7
51 52.1 41.8 62.8

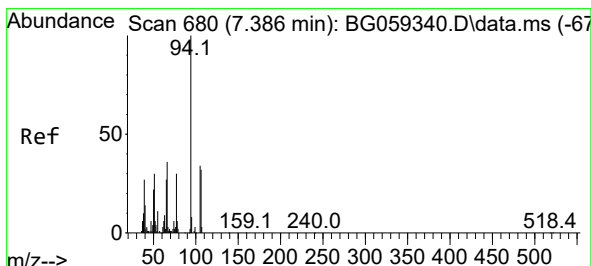
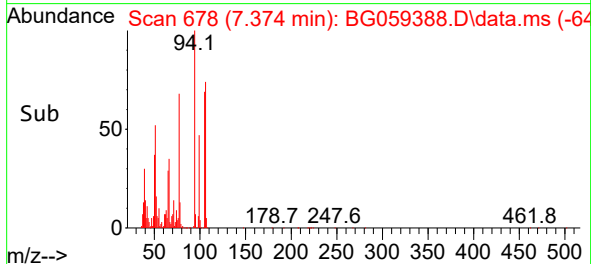
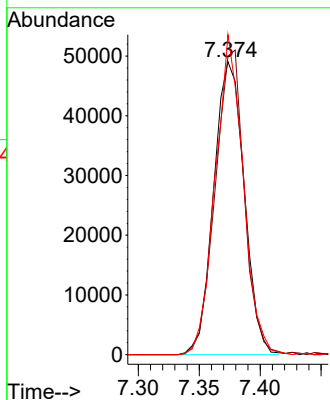
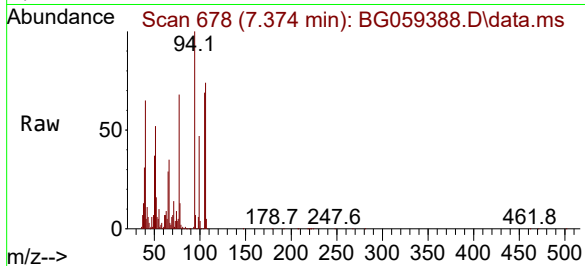




#6
Benzaldehyde
Concen: 40.705 ng/ul
RT: 7.374 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

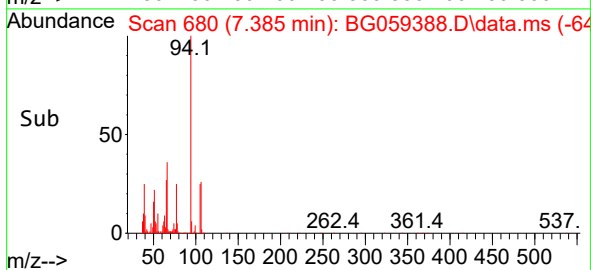
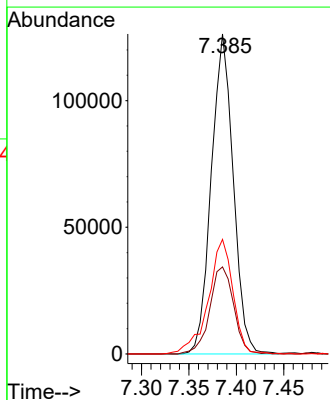
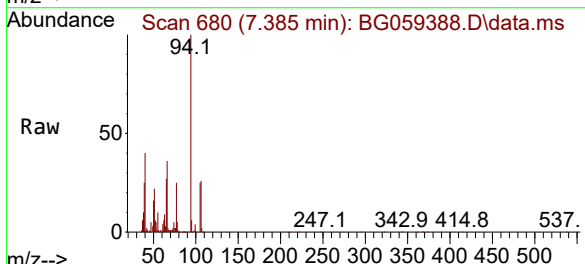
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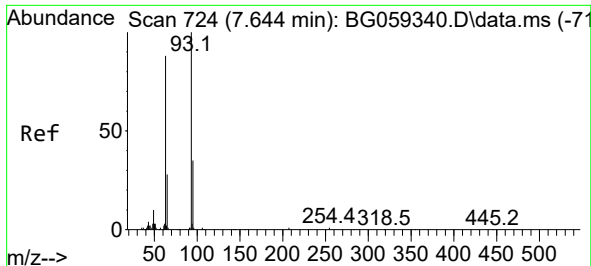
Tgt Ion: 77 Resp: 85390
Ion Ratio Lower Upper
77 100
105 101.9 79.5 119.3
106 109.2 74.8 112.2



#8
Phenol
Concen: 40.674 ng/ul
RT: 7.385 min Scan# 680
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion: 94 Resp: 203411
Ion Ratio Lower Upper
94 100
65 27.2 21.9 32.9
66 35.8 28.6 43.0

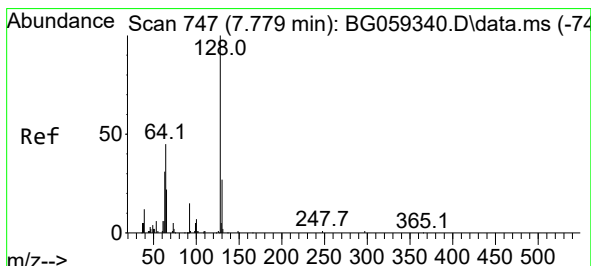
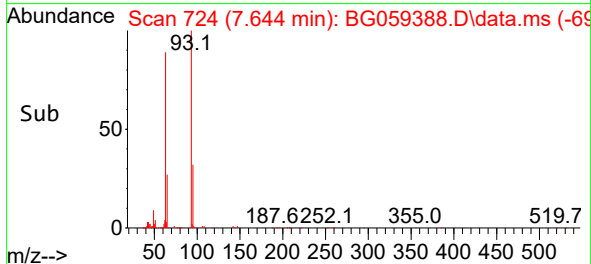
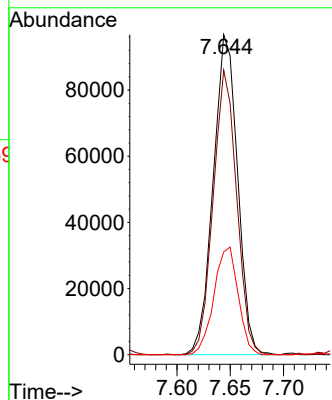
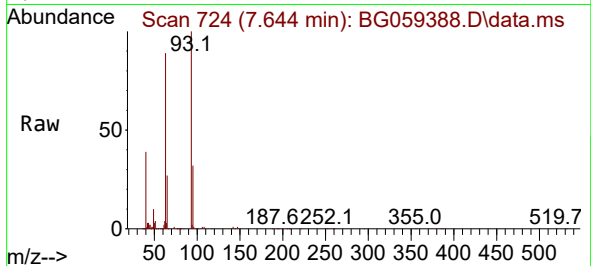




#10
 Bis(2-Chloroethyl)ether
 Concen: 39.853 ng/ul
 RT: 7.644 min Scan# 724
 Delta R.T. -0.000 min
 Lab File: BG059388.D
 Acq: 8 Oct 2023 23:18

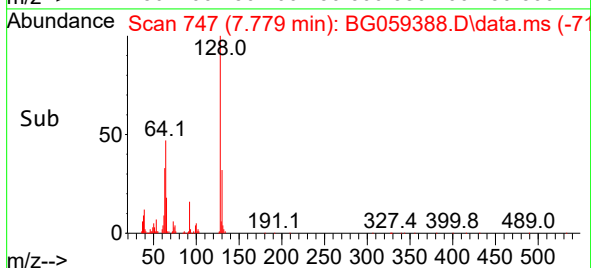
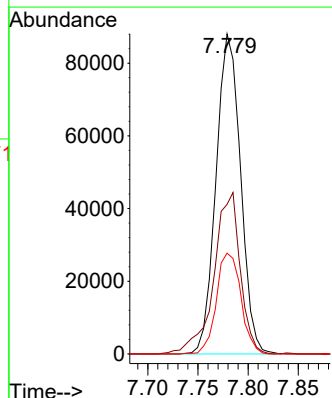
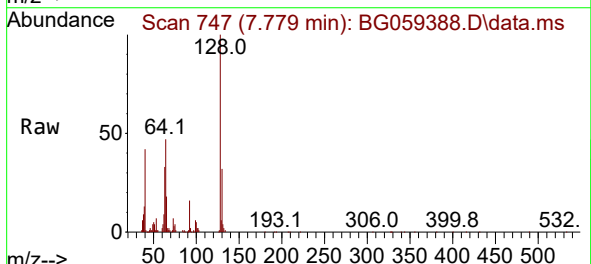
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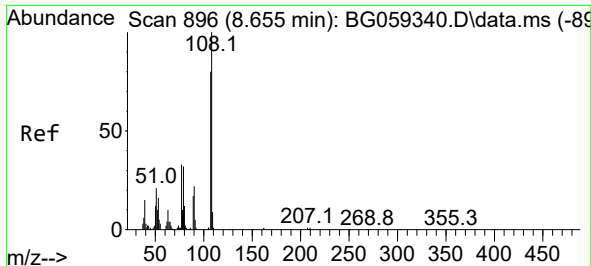
Tgt Ion: 93 Resp: 153488
 Ion Ratio Lower Upper
 93 100
 63 88.9 71.0 106.6
 95 32.1 27.8 41.6



#12
 2-Chlorophenol
 Concen: 40.115 ng/ul
 RT: 7.779 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: BG059388.D
 Acq: 8 Oct 2023 23:18

Tgt Ion:128 Resp: 149513
 Ion Ratio Lower Upper
 128 100
 64 46.8 38.6 57.8
 130 31.5 21.8 32.8





#13

2-Methylphenol

Concen: 40.027 ng/ul

RT: 8.660 min Scan# 896

Delta R.T. 0.006 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

Instrument :

BNA_G

ClientSampleId :

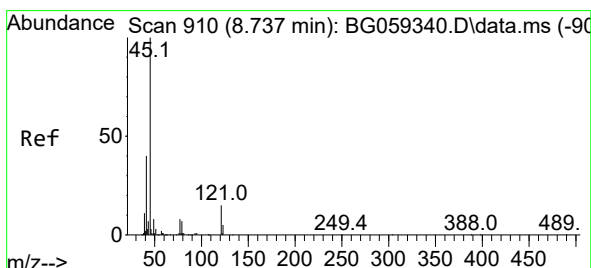
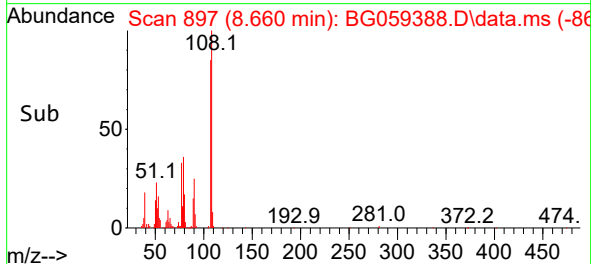
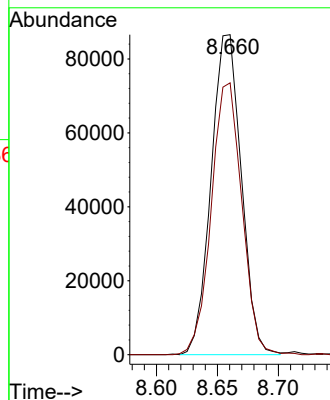
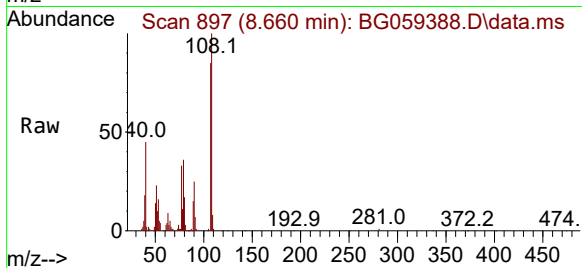
SLCS048

Tgt Ion:108 Resp: 149576

Ion Ratio Lower Upper

108 100

107 85.0 64.7 97.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 24.121 ng/ul

RT: 8.731 min Scan# 909

Delta R.T. -0.006 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

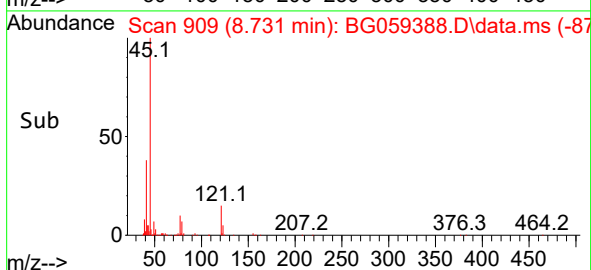
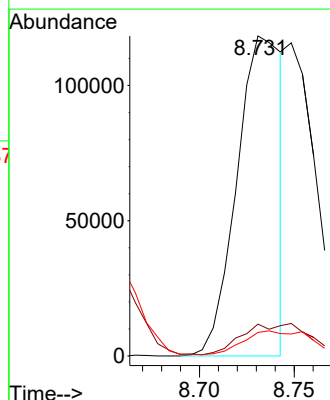
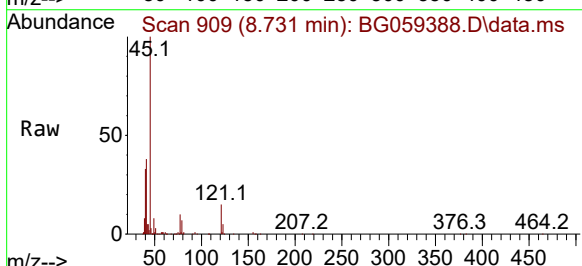
Tgt Ion: 45 Resp: 194370

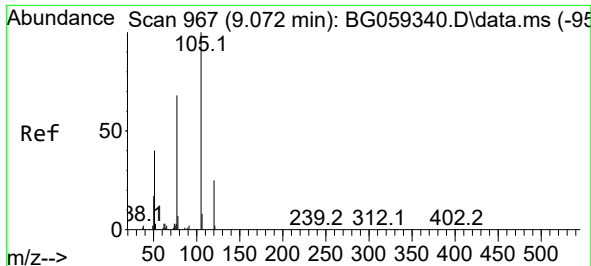
Ion Ratio Lower Upper

45 100

77 10.0 6.6 10.0#

79 7.4 5.8 8.8

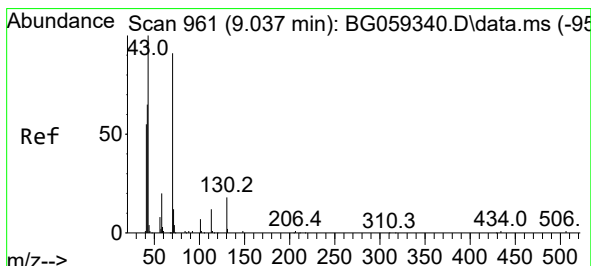
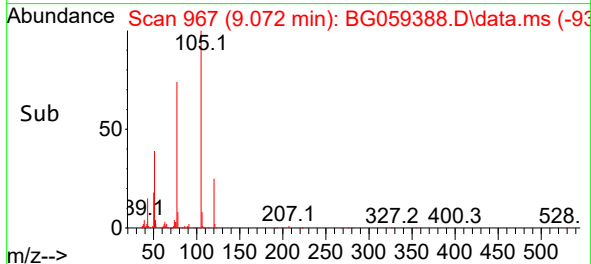
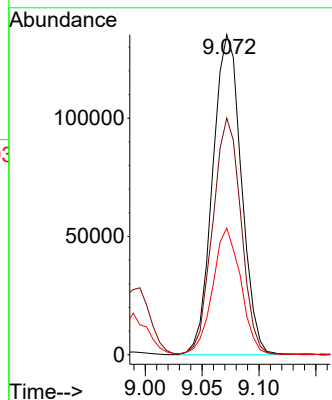
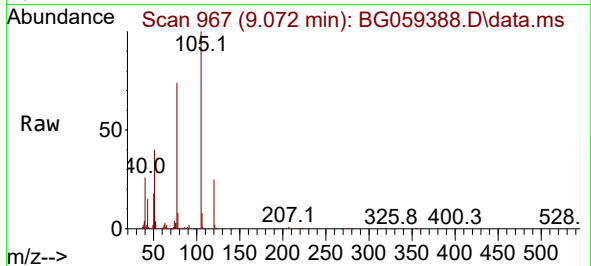




#16
Acetophenone
Concen: 39.585 ng/ul
RT: 9.072 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG059388.D
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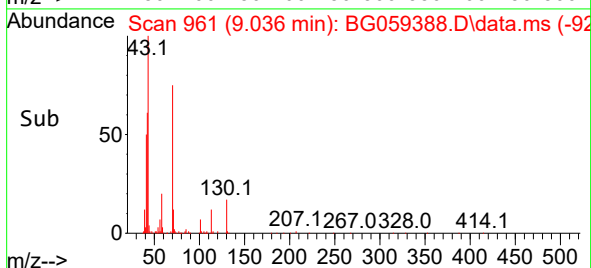
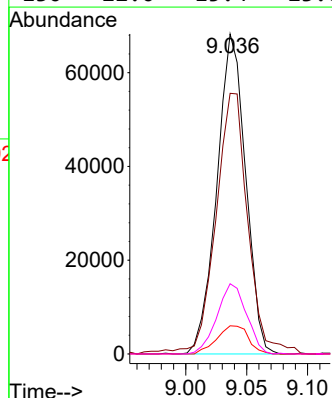
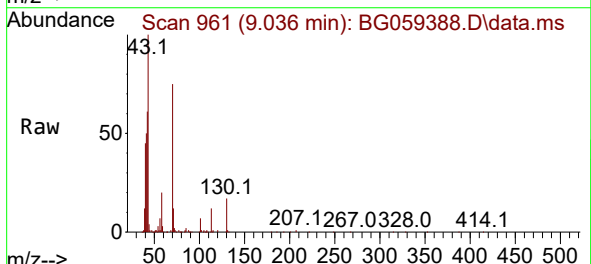
Instrument :
BNA_G
ClientSampleId :
SLCS048

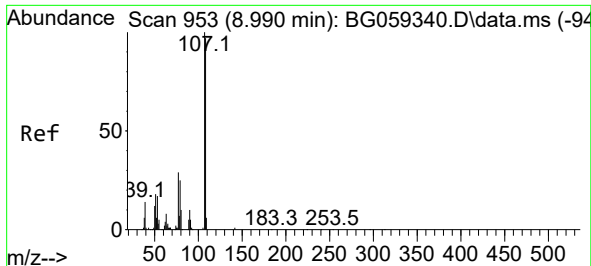
Tgt Ion:105 Resp: 237026
Ion Ratio Lower Upper
105 100
77 73.9 55.2 82.8
51 39.6 33.0 49.4



#17
N-Nitroso-di-n-propylamine
Concen: 37.543 ng/ul
RT: 9.036 min Scan# 961
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion: 70 Resp: 112012
Ion Ratio Lower Upper
70 100
42 81.4 58.2 87.4
101 8.8 6.4 9.6
130 22.0 15.4 23.0

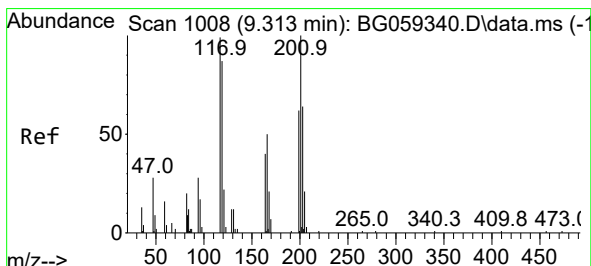
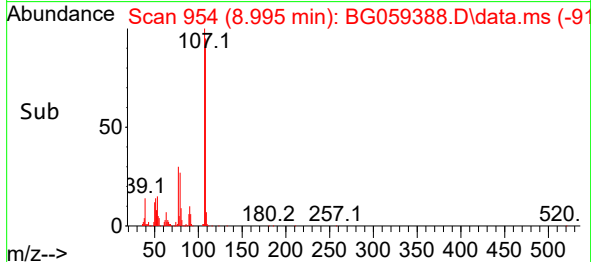
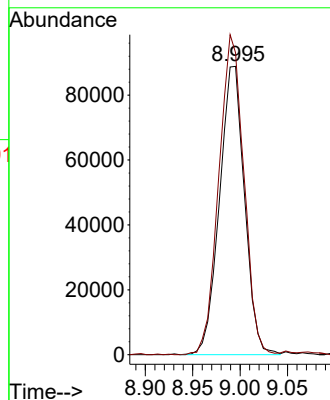
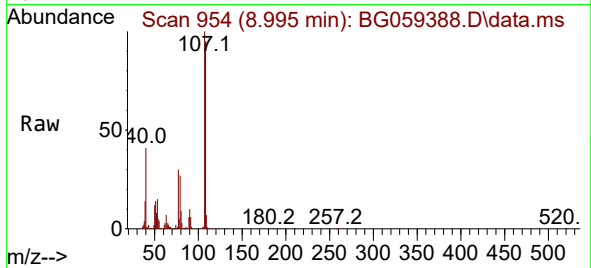




#18
4-Methylphenol
Concen: 39.800 ng/ul
RT: 8.995 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

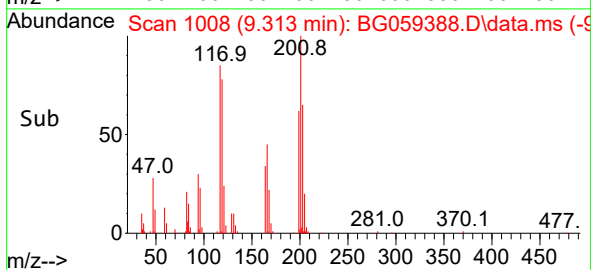
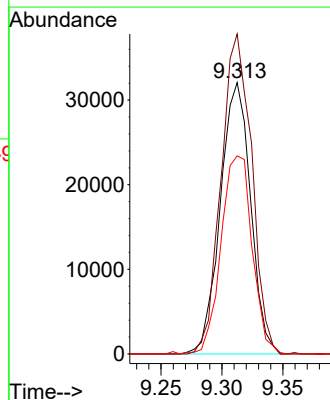
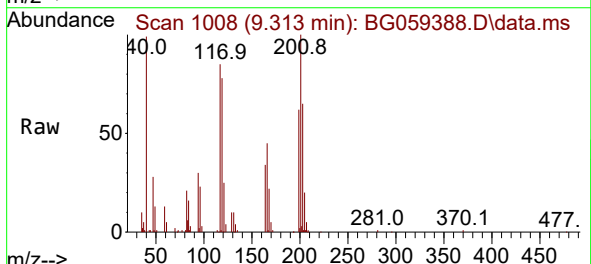
Instrument :
BNA_G
ClientSampleId :
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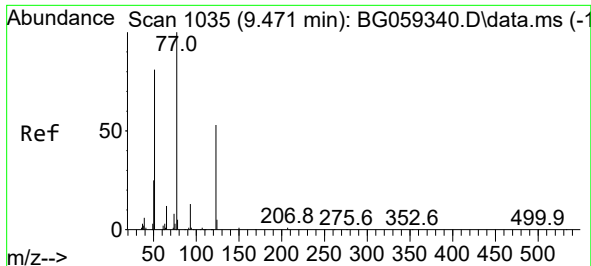
Tgt Ion:108 Resp: 163550
Ion Ratio Lower Upper
108 100
107 104.7 83.0 124.6



#19
Hexachloroethane
Concen: 40.855 ng/ul
RT: 9.313 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:117 Resp: 55386
Ion Ratio Lower Upper
117 100
201 117.9 80.6 120.8
199 73.0 50.6 76.0

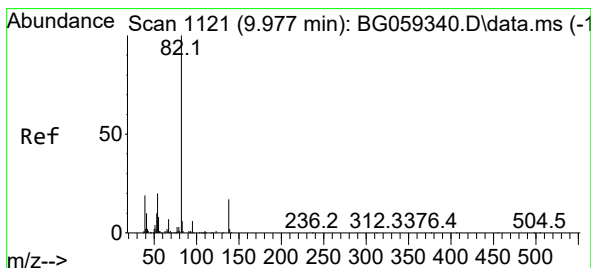
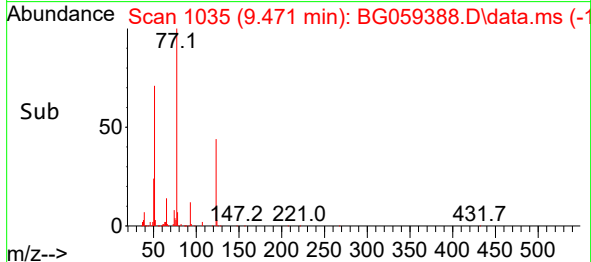
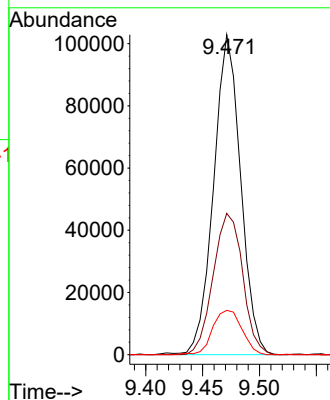
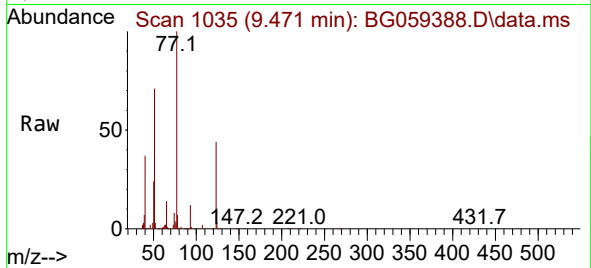




#22
Nitrobenzene
Concen: 41.279 ng/ul
RT: 9.471 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

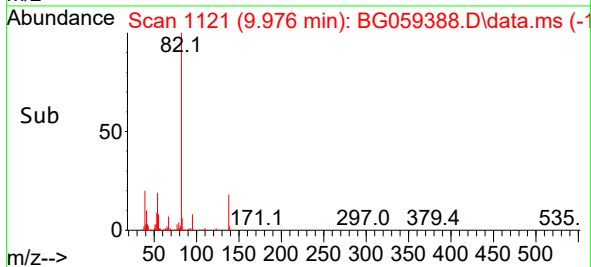
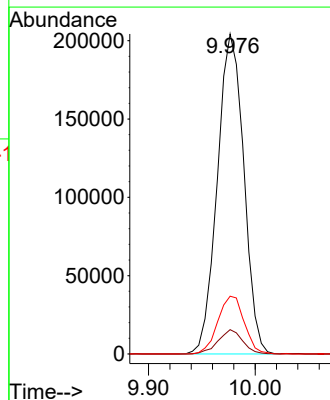
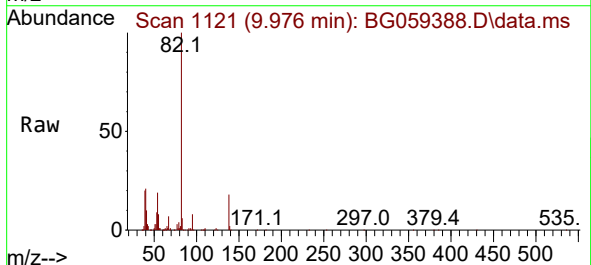
Instrument :
BNA_G
ClientSampleId :
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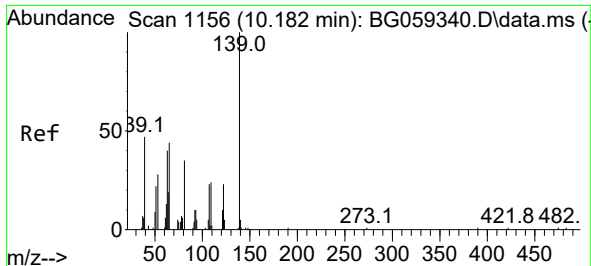
Tgt Ion: 77 Resp: 169612
Ion Ratio Lower Upper
77 100
123 44.1 42.2 63.4
65 13.9 9.8 14.6



#23
Isophorone
Concen: 40.151 ng/ul
RT: 9.976 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion: 82 Resp: 352275
Ion Ratio Lower Upper
82 100
95 7.6 4.7 7.1#
138 18.1 13.5 20.3

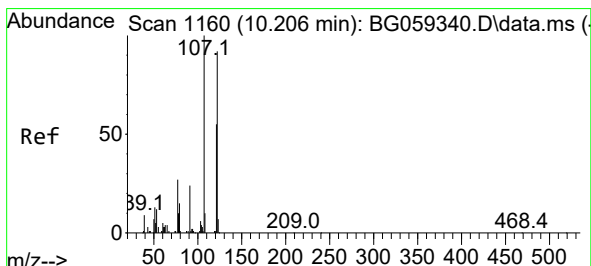
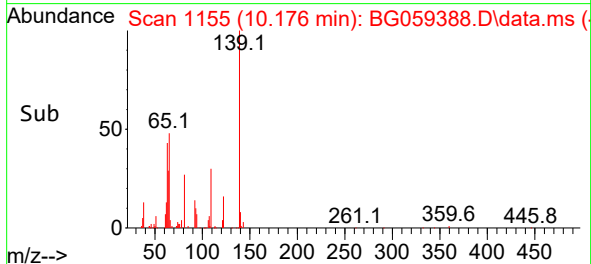
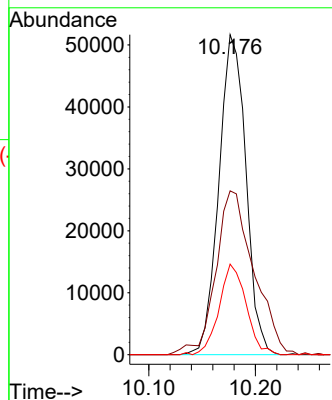
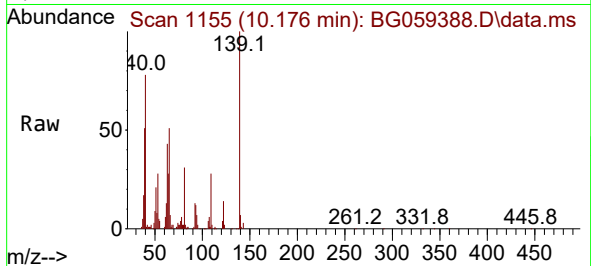




#25
2-Nitrophenol
Concen: 43.465 ng/ul
RT: 10.176 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

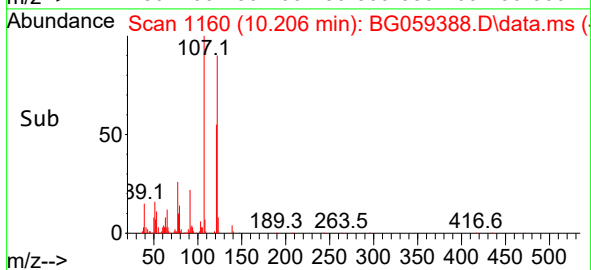
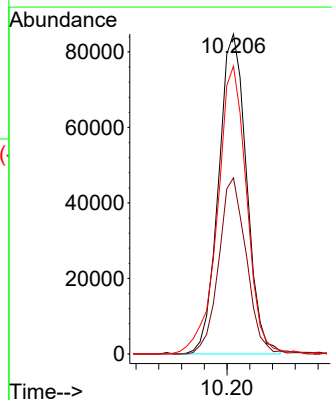
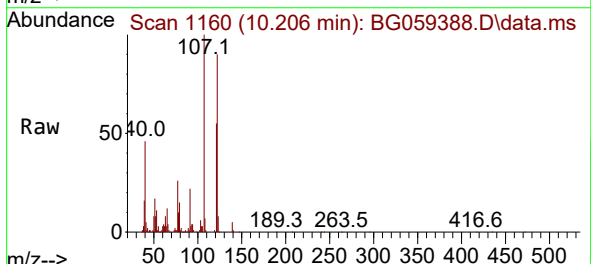
Instrument :
BNA_G
ClientSampleId :
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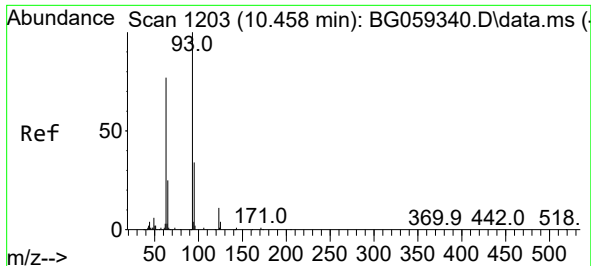
Tgt Ion:139 Resp: 90934
Ion Ratio Lower Upper
139 100
65 51.2 39.0 58.4
109 28.3 19.1 28.7



#26
2,4-Dimethylphenol
Concen: 35.102 ng/ul
RT: 10.206 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:107 Resp: 144872
Ion Ratio Lower Upper
107 100
121 55.1 43.9 65.9
122 89.9 74.1 111.1

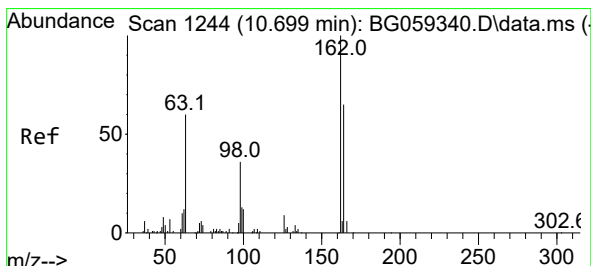
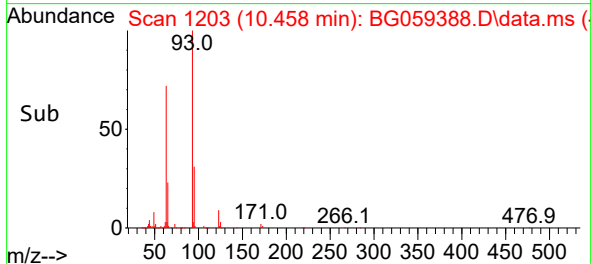
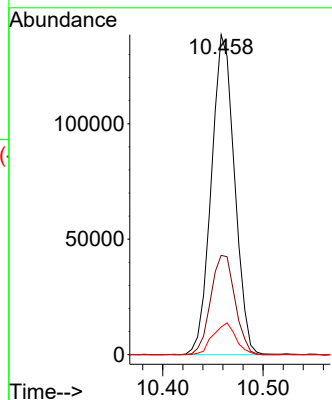
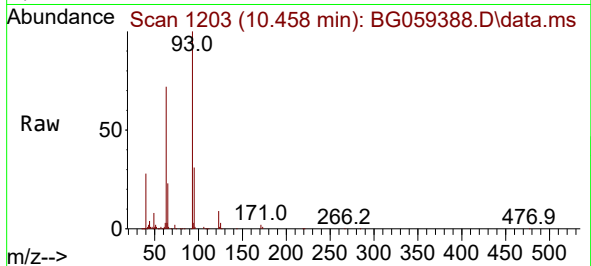




#27
 Bis(2-Chloroethoxy)methane
 Concen: 42.197 ng/ul
 RT: 10.458 min Scan# 1203
 Delta R.T. -0.000 min
 Lab File: BG059388.D
 Acq: 8 Oct 2023 23:18

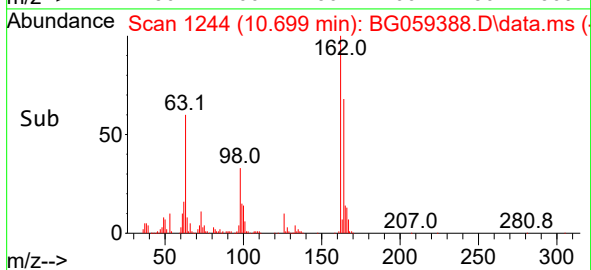
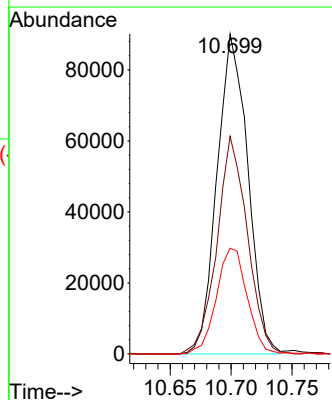
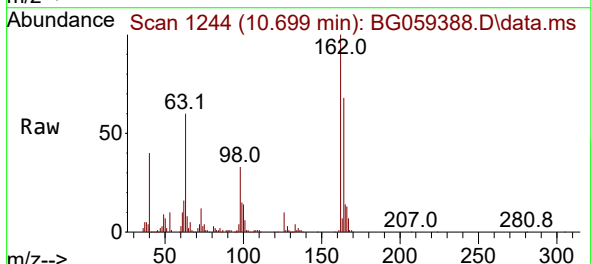
Instrument :
 BNA_G
 ClientSampleId :
 SLCS048

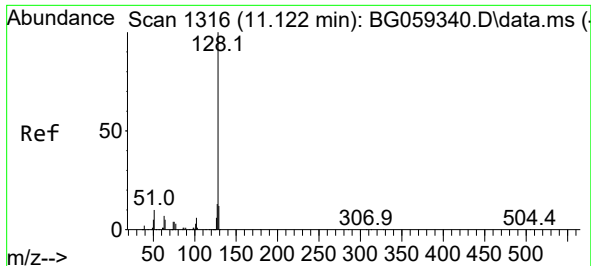
Tgt Ion: 93 Resp: 222479
 Ion Ratio Lower Upper
 93 100
 95 31.1 27.0 40.6
 123 8.7 8.5 12.7



#29
 2,4-Dichlorophenol
 Concen: 42.997 ng/ul
 RT: 10.699 min Scan# 1244
 Delta R.T. -0.000 min
 Lab File: BG059388.D
 Acq: 8 Oct 2023 23:18

Tgt Ion:162 Resp: 158530
 Ion Ratio Lower Upper
 162 100
 164 68.0 53.5 80.3
 98 33.1 28.5 42.7

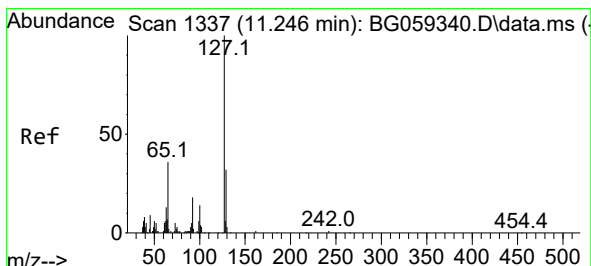
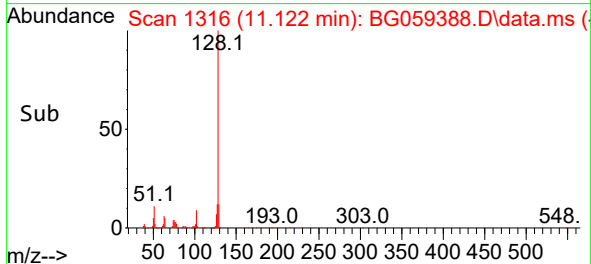
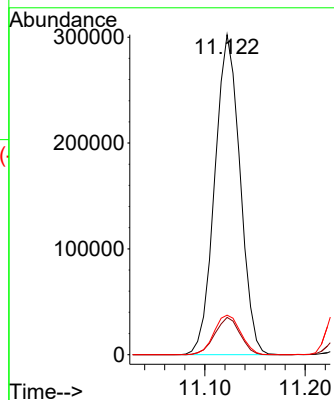
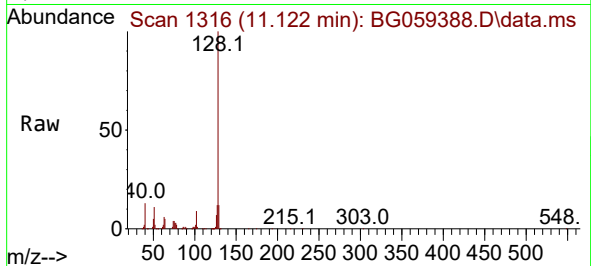




#30
Naphthalene
Concen: 41.514 ng/ul
RT: 11.122 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

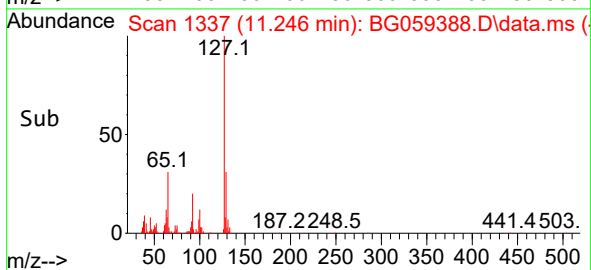
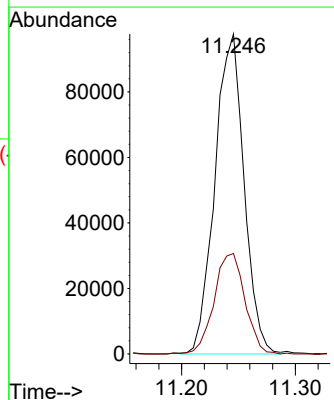
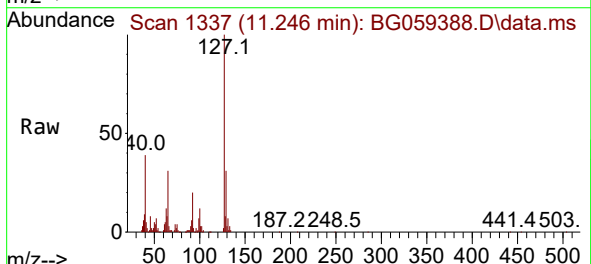
Instrument :
BNA_G
ClientSampleId :
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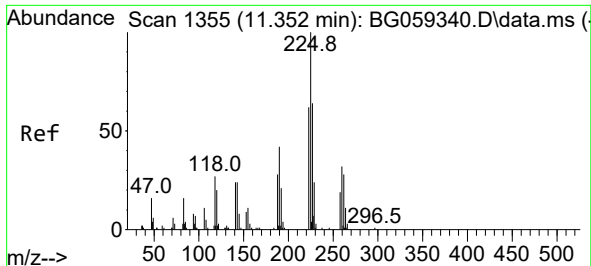
Tgt Ion:128 Resp: 528633
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 12.4 10.4 15.6



#32
4-Chloroaniline
Concen: 31.584 ng/ul
RT: 11.246 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:127 Resp: 173774
Ion Ratio Lower Upper
127 100
129 31.4 25.9 38.9

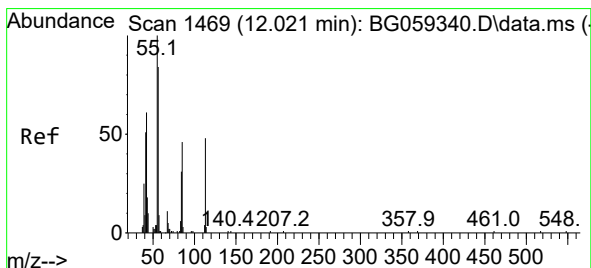
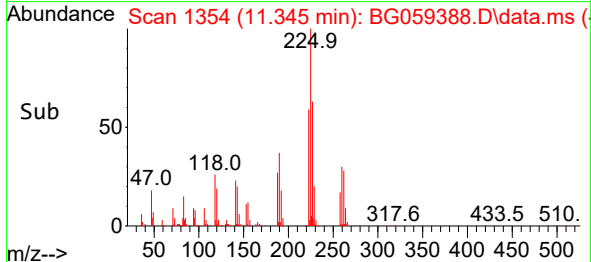
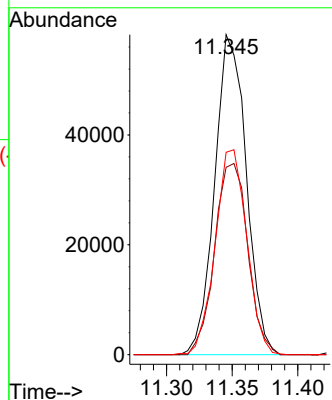
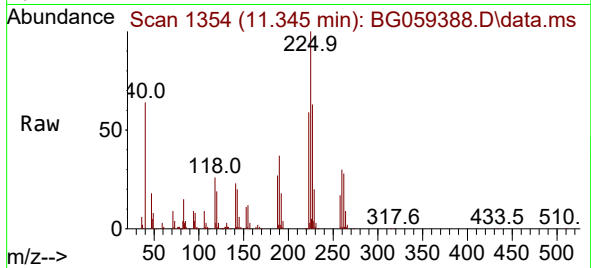




#33
Hexachlorobutadiene
Concen: 43.717 ng/ul
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

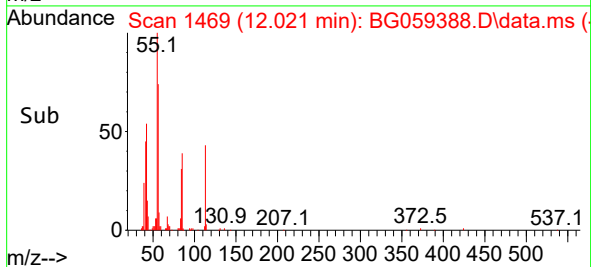
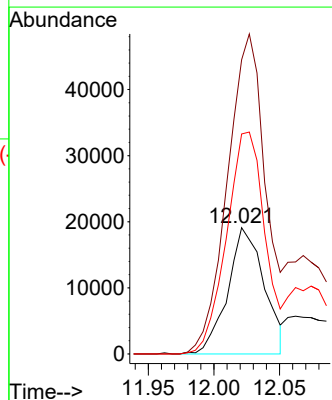
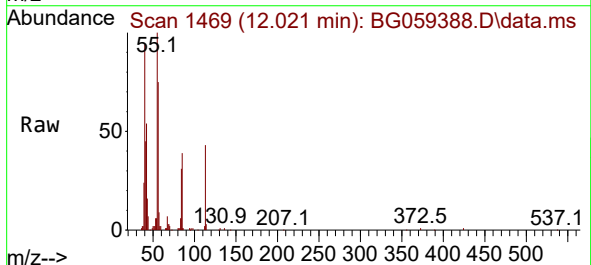
Instrument :
BNA_G
ClientSampleId :
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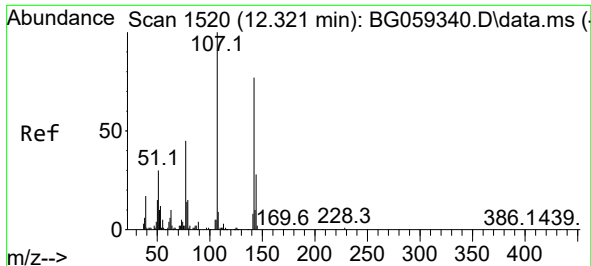
Tgt Ion:225 Resp: 97320
Ion Ratio Lower Upper
225 100
223 58.5 48.2 72.2
227 63.2 49.5 74.3



#34
Caprolactam
Concen: 27.543 ng/ul
RT: 12.021 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:113 Resp: 36875
Ion Ratio Lower Upper
113 100
55 233.1 169.1 253.7
56 174.3 141.7 212.5

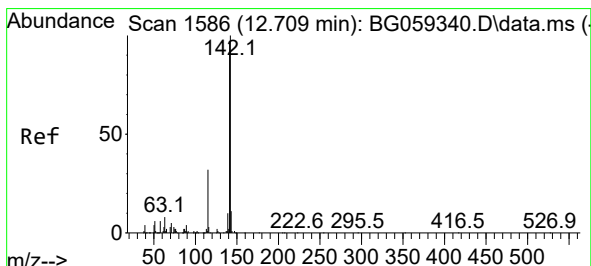
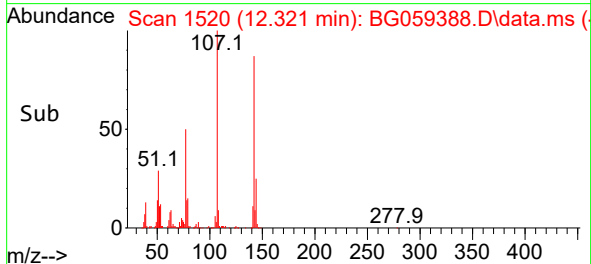
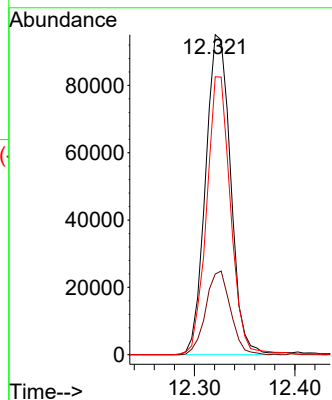
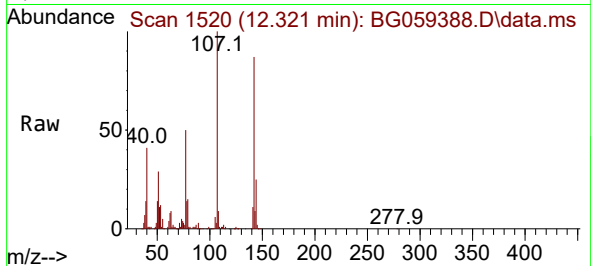




#35
4-Chloro-3-methylphenol
Concen: 41.723 ng/ul
RT: 12.321 min Scan# 1520
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

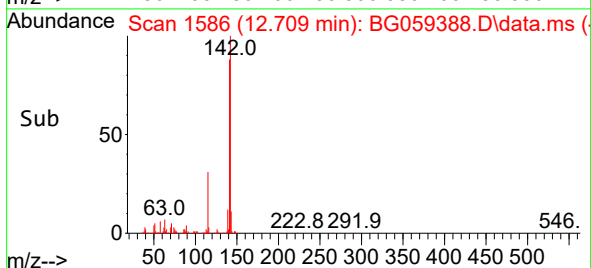
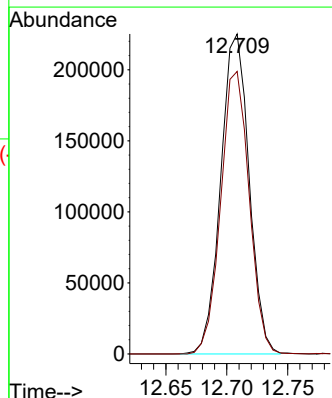
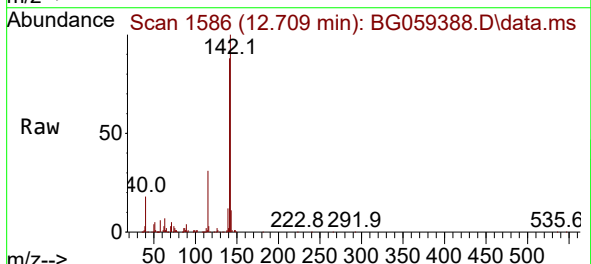
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ClientSampleId :
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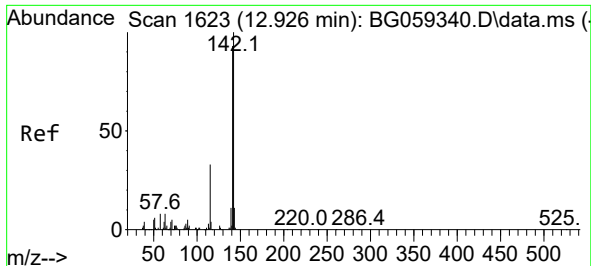
Tgt Ion:107 Resp: 165072
Ion Ratio Lower Upper
107 100
144 25.2 22.0 33.0
142 86.9 61.6 92.4



#36
2-Methylnaphthalene
Concen: 42.923 ng/ul
RT: 12.709 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:142 Resp: 364374
Ion Ratio Lower Upper
142 100
141 88.3 77.8 116.6

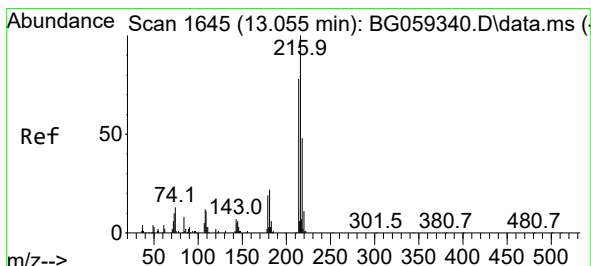
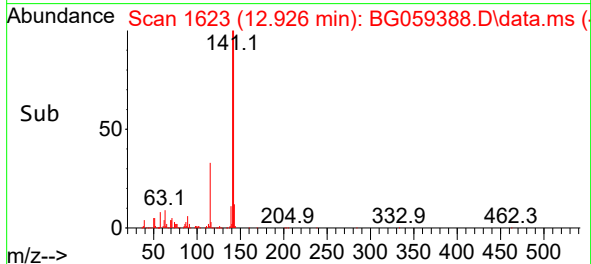
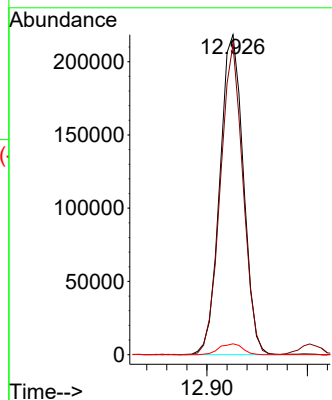
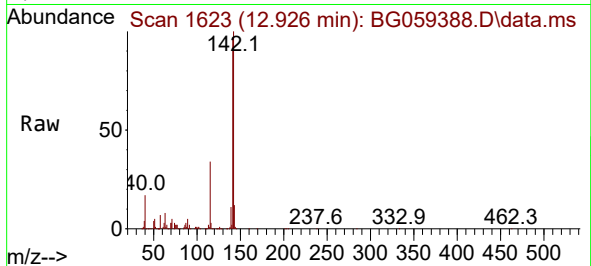




#37
1-Methylnaphthalene
Concen: 40.235 ng/ul
RT: 12.926 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

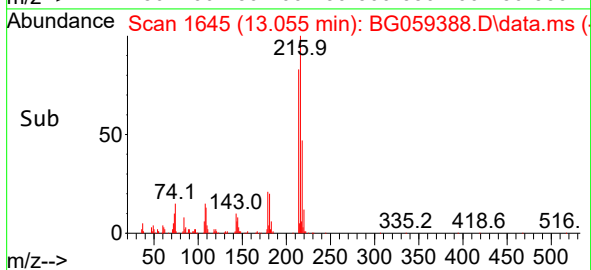
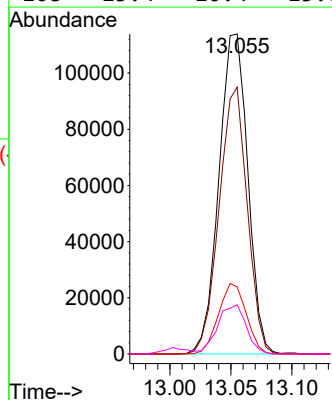
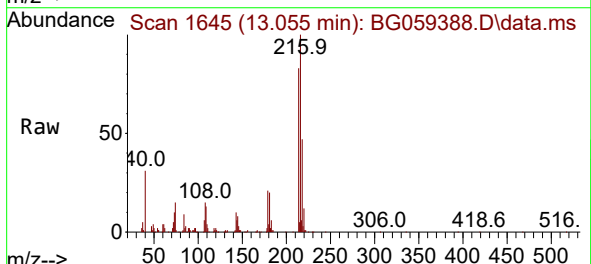
Instrument :
BNA_G
ClientSampleId :
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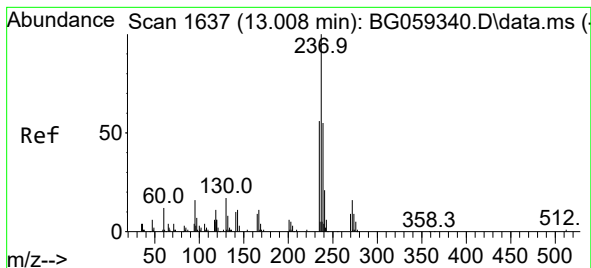
Tgt Ion:142 Resp: 354630
Ion Ratio Lower Upper
142 100
141 97.0 74.3 111.5
116 3.4 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.772 ng/ul
RT: 13.055 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:216 Resp: 187716
Ion Ratio Lower Upper
216 100
214 83.4 63.0 94.6
179 21.0 15.0 22.6
108 15.4 10.4 15.6





#40

Hexachlorocyclopentadiene

Concen: 37.227 ng/ul

RT: 13.002 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

Instrument :

BNA_G

ClientSampleId :

SLCS048

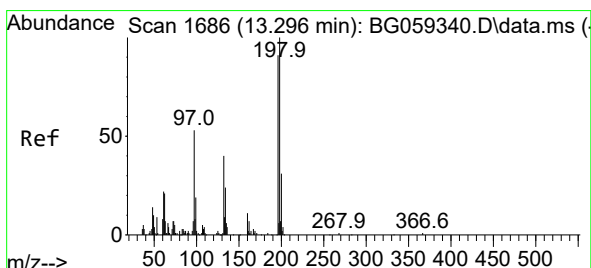
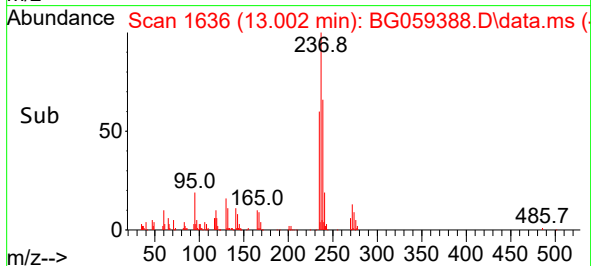
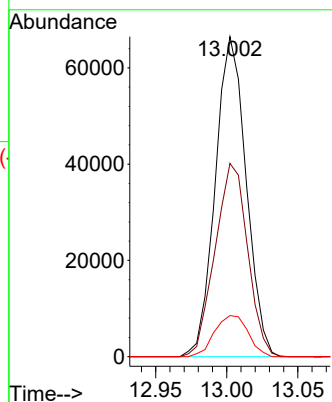
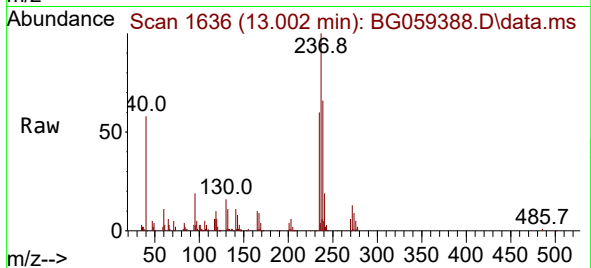
Tgt Ion:237 Resp: 100433

Ion Ratio Lower Upper

237 100

235 60.4 48.4 72.6

272 12.8 13.3 19.9#



#41

2,4,6-Trichlorophenol

Concen: 41.004 ng/ul

RT: 13.296 min Scan# 1686

Delta R.T. -0.000 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

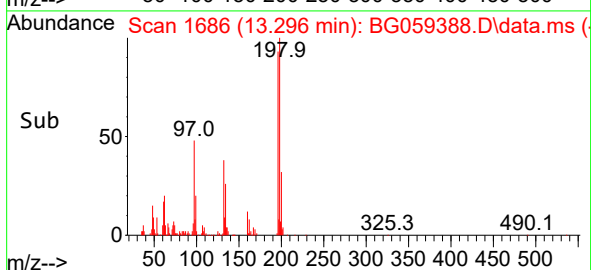
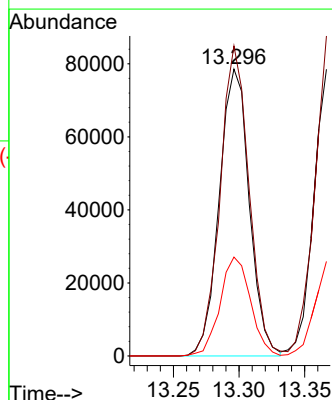
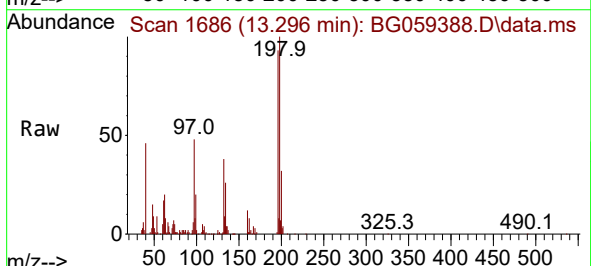
Tgt Ion:196 Resp: 125030

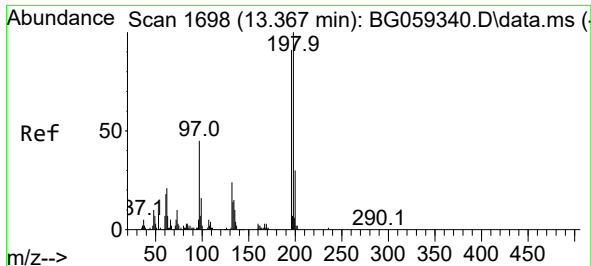
Ion Ratio Lower Upper

196 100

198 108.1 88.6 132.8

200 34.5 27.2 40.8

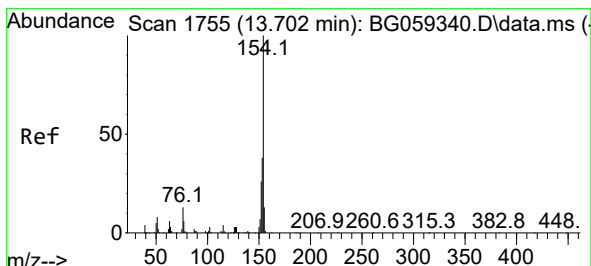
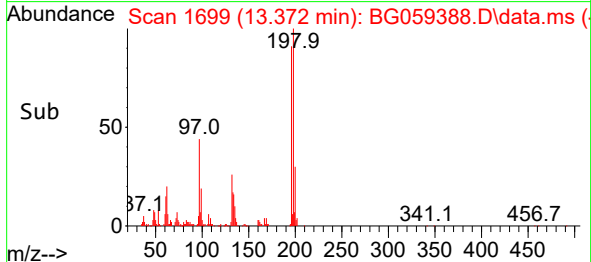
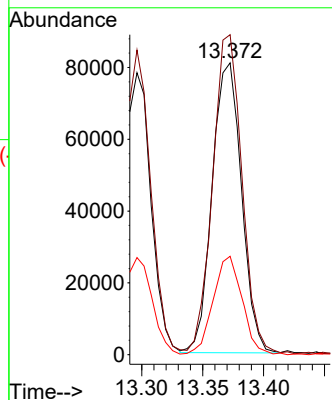
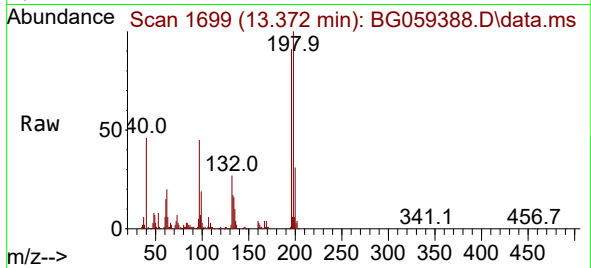




#42
2,4,5-Trichlorophenol
Concen: 40.918 ng/ul
RT: 13.372 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

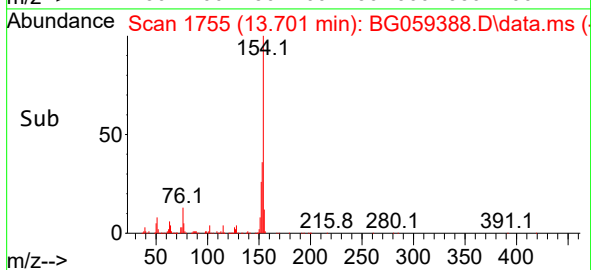
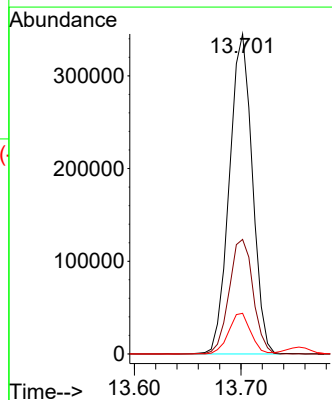
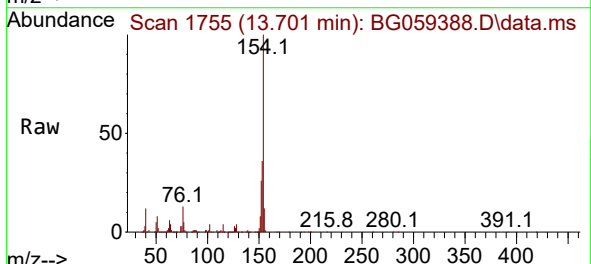
Instrument :
BNA_G
ClientSampleId :
SLCS048

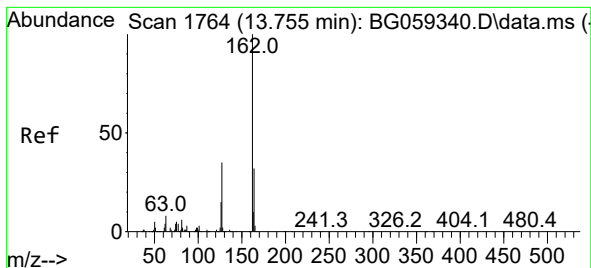
Tgt Ion:196 Resp: 135508
Ion Ratio Lower Upper
196 100
198 109.7 87.8 131.8
200 33.7 26.4 39.6



#43
1,1'-Biphenyl
Concen: 41.599 ng/ul
RT: 13.701 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:154 Resp: 516527
Ion Ratio Lower Upper
154 100
153 35.8 30.1 45.1
76 12.7 10.3 15.5





#44

2-Chloronaphthalene

Concen: 41.225 ng/ul

RT: 13.754 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

Instrument :

BNA_G

ClientSampleId :

SLCS048

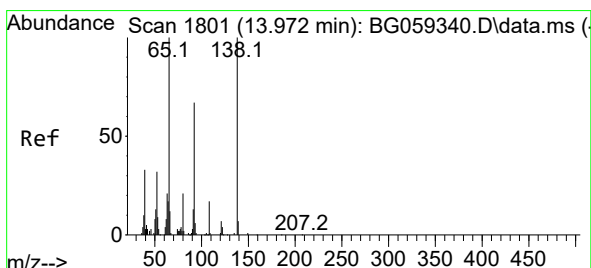
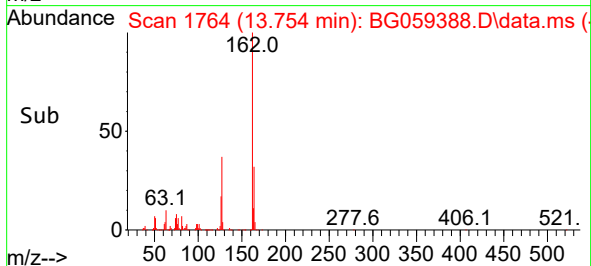
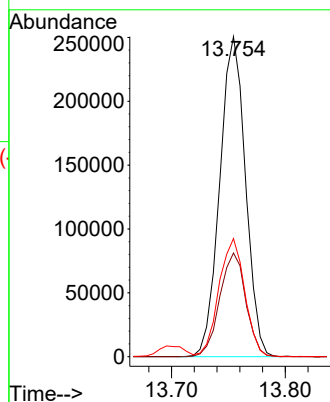
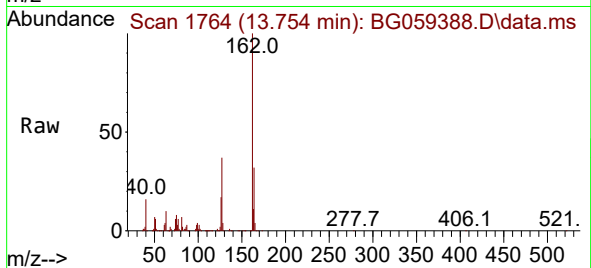
Tgt Ion:162 Resp: 393479

Ion Ratio Lower Upper

162 100

164 32.4 25.7 38.5

127 36.9 29.4 44.2



#45

2-Nitroaniline

Concen: 41.965 ng/ul

RT: 13.972 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

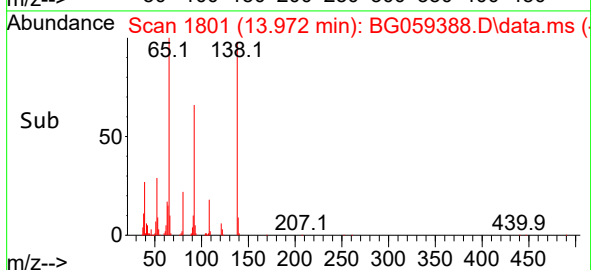
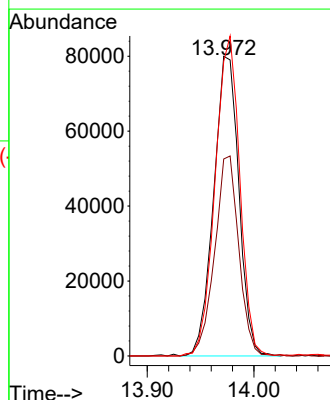
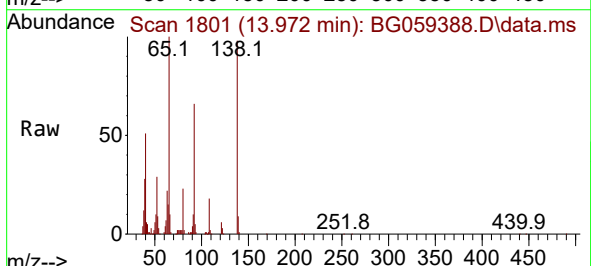
Tgt Ion: 65 Resp: 131160

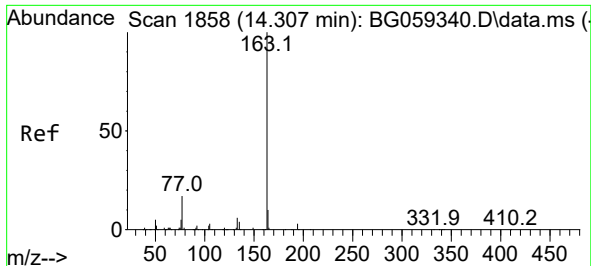
Ion Ratio Lower Upper

65 100

92 65.7 53.8 80.8

138 98.3 80.0 120.0

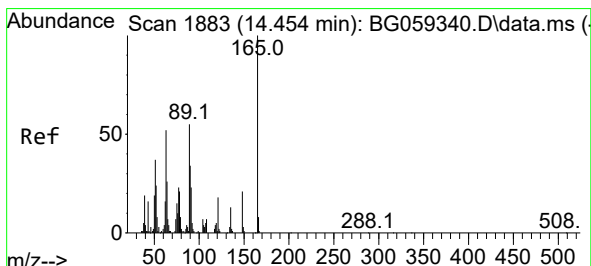
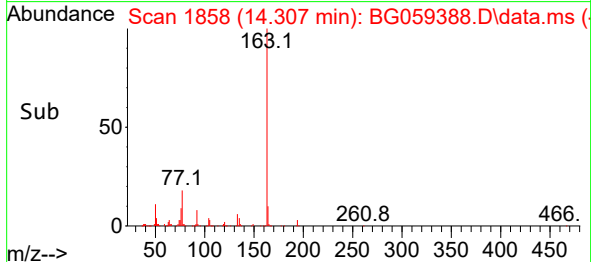
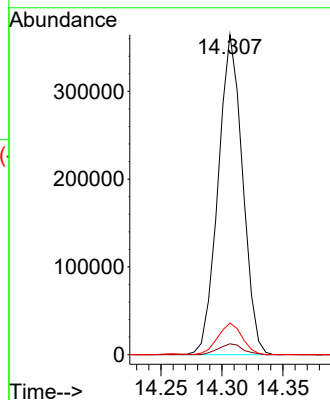
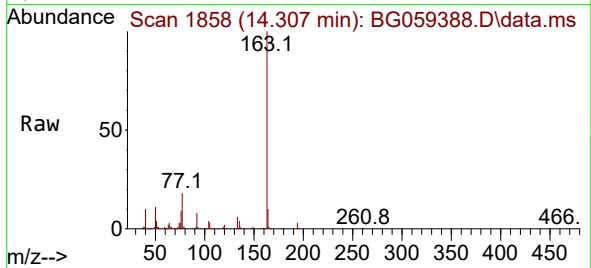




#47
Dimethylphthalate
Concen: 40.948 ng/ul
RT: 14.307 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

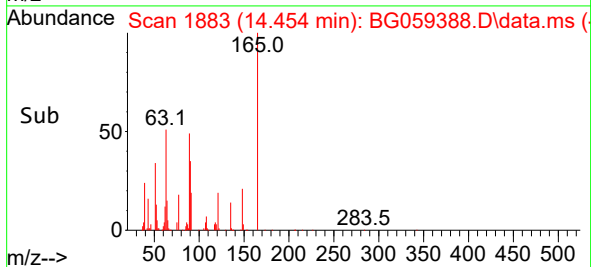
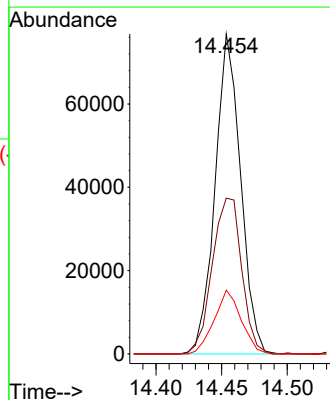
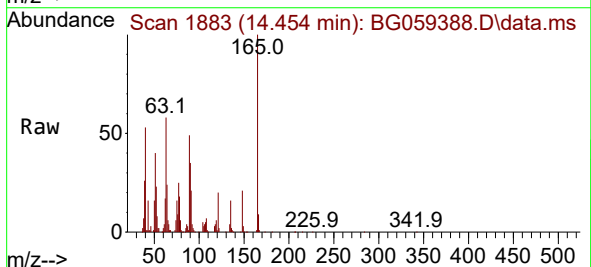
Instrument :
BNA_G
ClientSampleId :
SLCS048

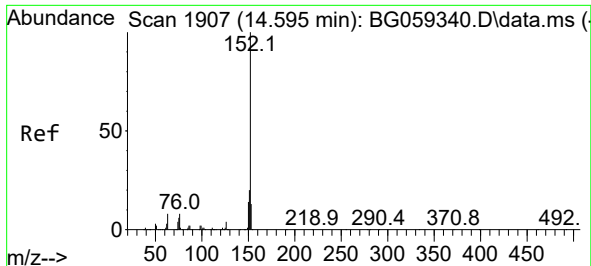
Tgt Ion:163 Resp: 508654
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.9 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 41.406 ng/ul
RT: 14.454 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:165 Resp: 103767
Ion Ratio Lower Upper
165 100
89 48.7 43.6 65.4
121 20.0 14.7 22.1

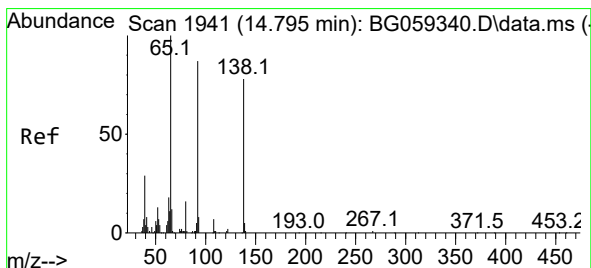
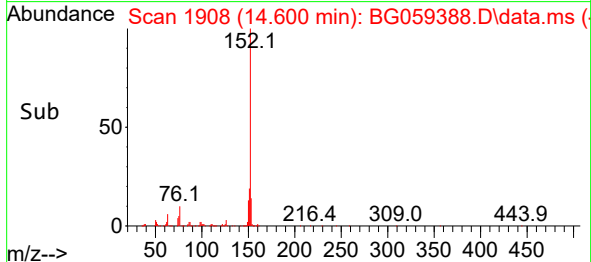
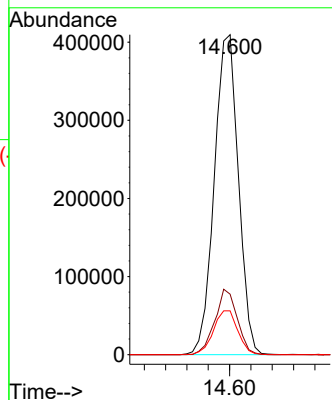
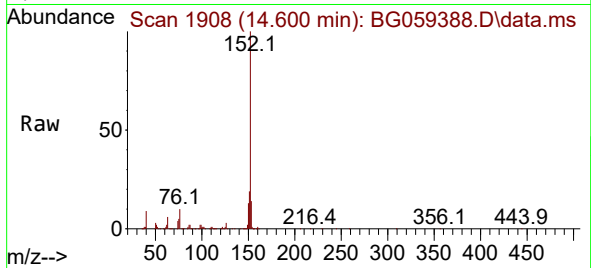




#50
Acenaphthylene
Concen: 40.576 ng/ul
RT: 14.600 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

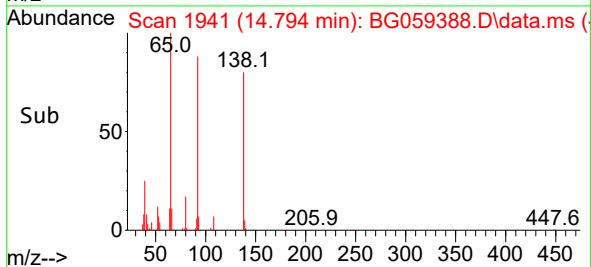
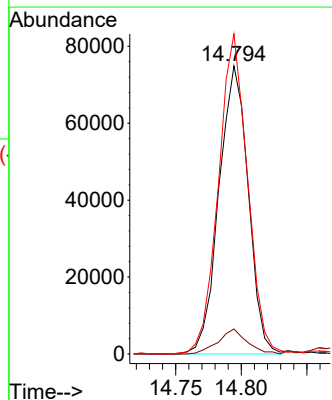
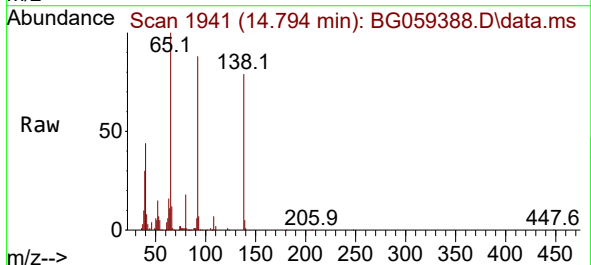
Instrument :
BNA_G
ClientSampleId :
SLCS048

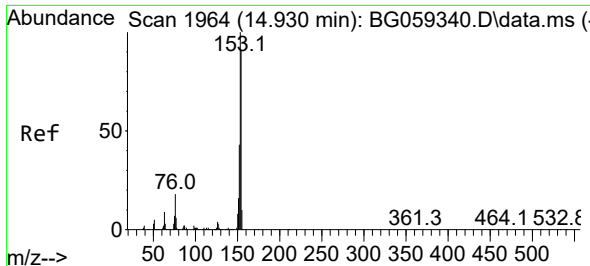
Tgt Ion:152 Resp: 641533
Ion Ratio Lower Upper
152 100
151 18.9 15.8 23.8
153 13.7 10.3 15.5



#51
3-Nitroaniline
Concen: 47.300 ng/ul
RT: 14.794 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:138 Resp: 116072
Ion Ratio Lower Upper
138 100
108 8.7 7.4 11.0
92 111.1 89.1 133.7

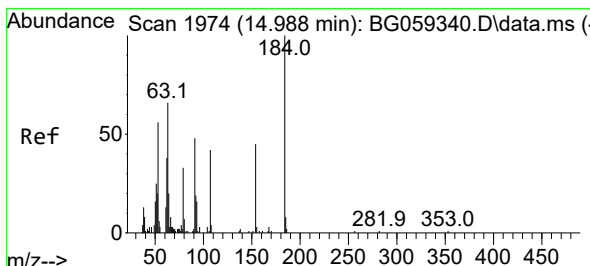
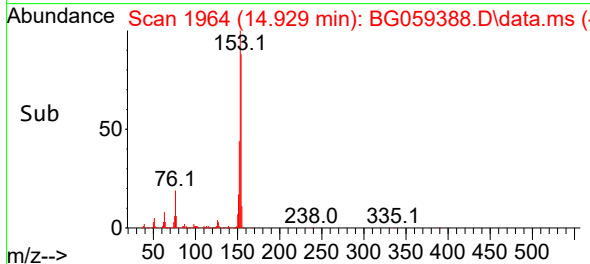
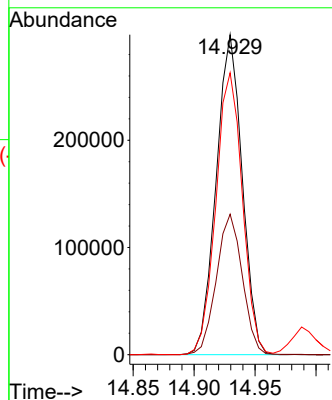
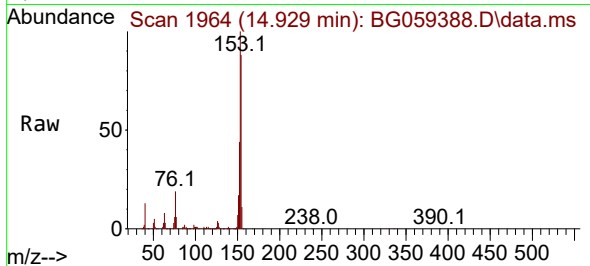




#52
Acenaphthene
Concen: 41.403 ng/ul
RT: 14.929 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

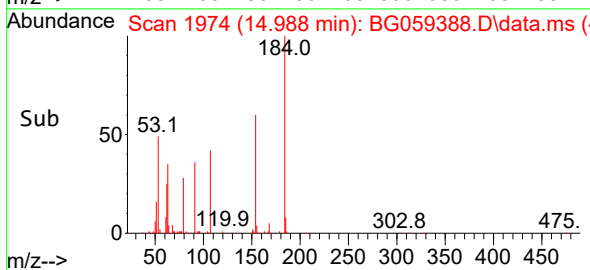
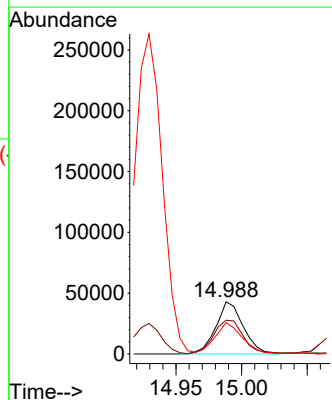
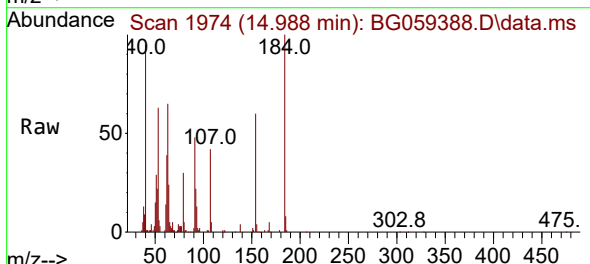
Instrument :
BNA_G
ClientSampleId :
SLCS048

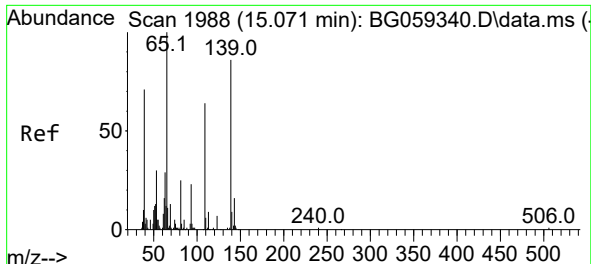
Tgt Ion:153 Resp: 442913
Ion Ratio Lower Upper
153 100
152 43.9 34.6 52.0
154 88.1 73.0 109.4



#53
2,4-Dinitrophenol
Concen: 34.723 ng/ul
RT: 14.988 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:184 Resp: 62505
Ion Ratio Lower Upper
184 100
63 64.9 54.9 82.3
154 60.2 44.9 67.3

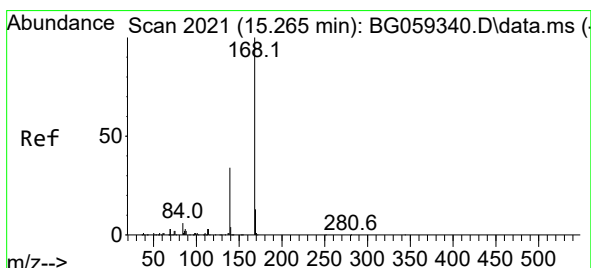
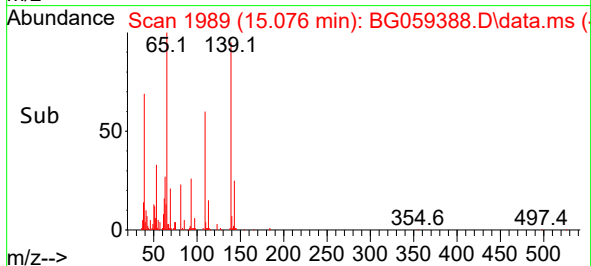
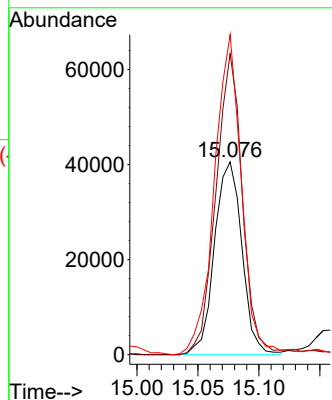
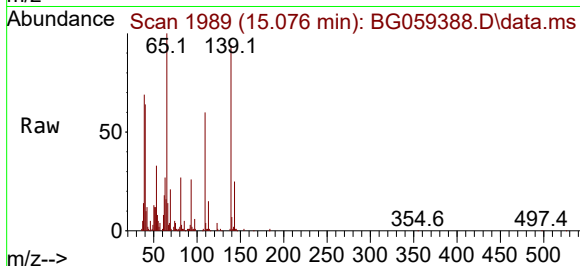




#55
4-Nitrophenol
Concen: 40.688 ng/ul
RT: 15.076 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

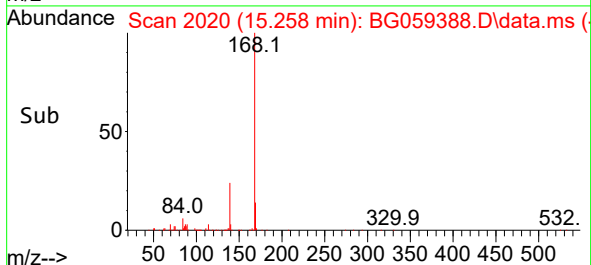
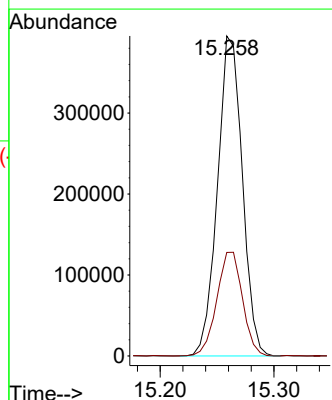
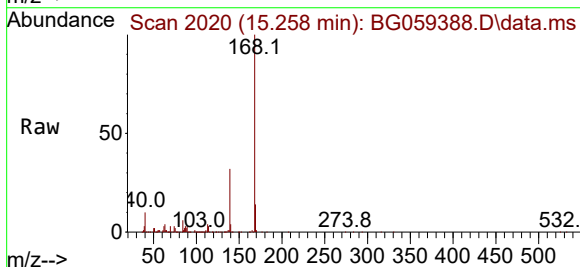
Instrument :
BNA_G
ClientSampleId :
SLCS048

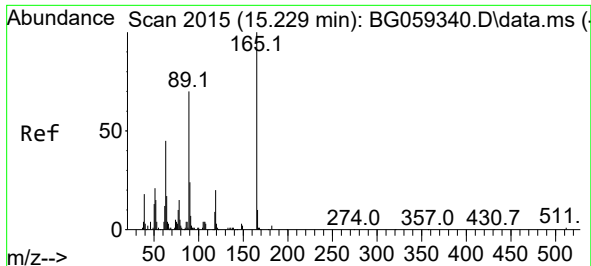
Tgt Ion:109 Resp: 63585
Ion Ratio Lower Upper
109 100
139 156.0 107.9 161.9
65 165.9 126.6 189.8



#56
Dibenzofuran
Concen: 40.611 ng/ul
RT: 15.258 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:168 Resp: 599433
Ion Ratio Lower Upper
168 100
139 32.3 27.4 41.2





#57

2,4-Dinitrotoluene

Concen: 40.939 ng/ul

RT: 15.235 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

Instrument :

BNA_G

ClientSampleId :

SLCS048

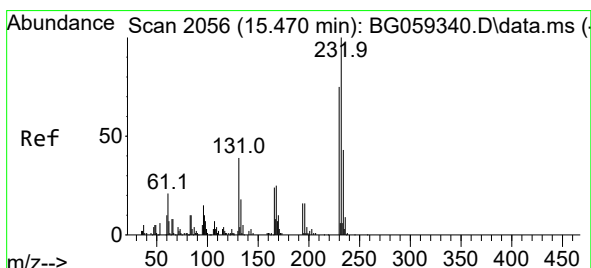
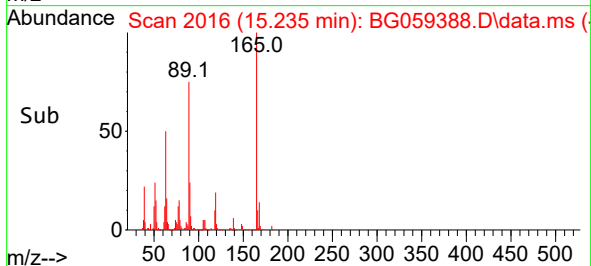
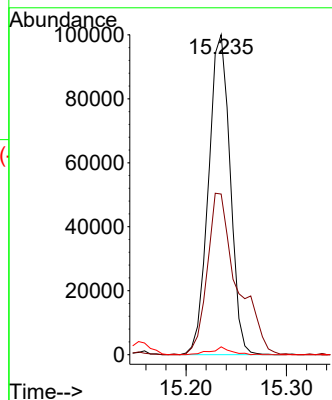
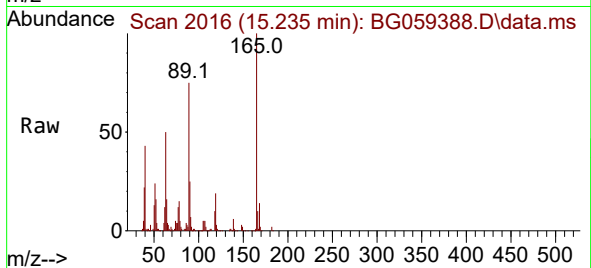
Tgt Ion:165 Resp: 150256

Ion Ratio Lower Upper

165 100

63 50.2 36.4 54.6

182 2.4 1.2 1.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.926 ng/ul

RT: 15.470 min Scan# 2056

Delta R.T. -0.000 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

Tgt Ion:232 Resp: 126874

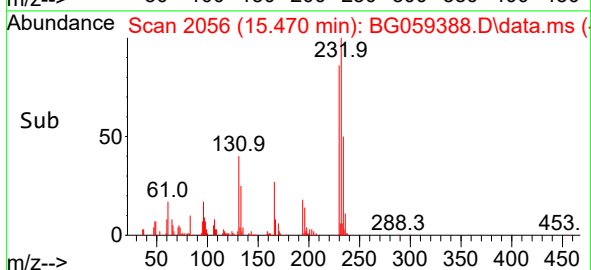
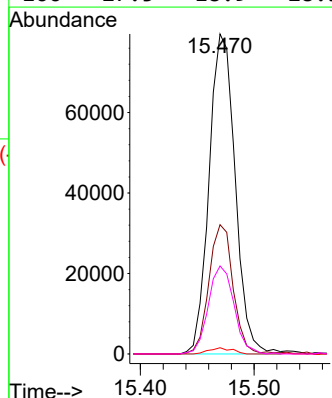
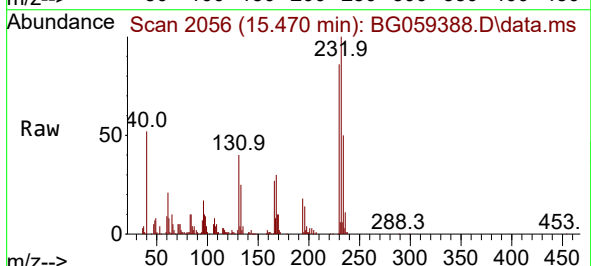
Ion Ratio Lower Upper

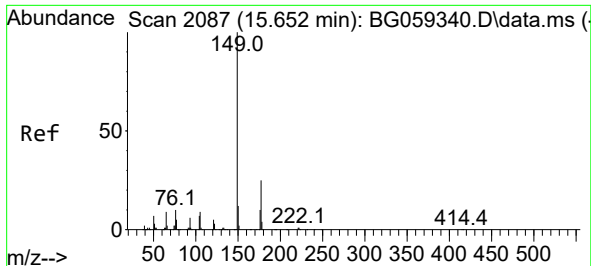
232 100

131 40.4 31.0 46.6

130 1.9 1.8 2.6

166 27.5 18.9 28.3

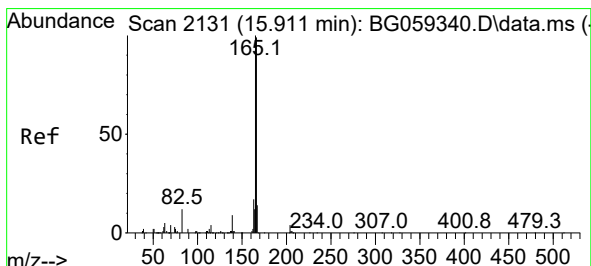
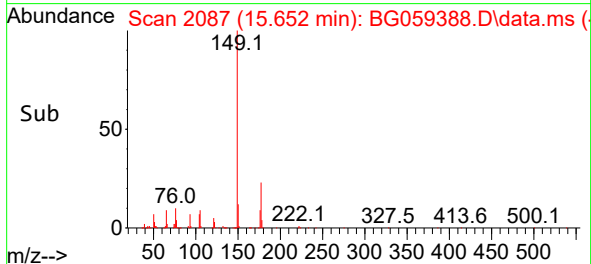
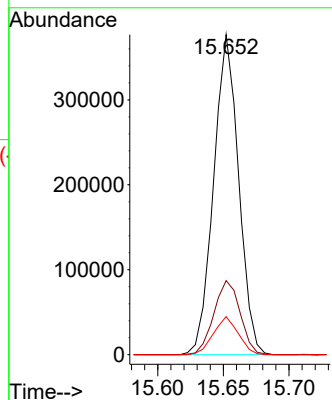
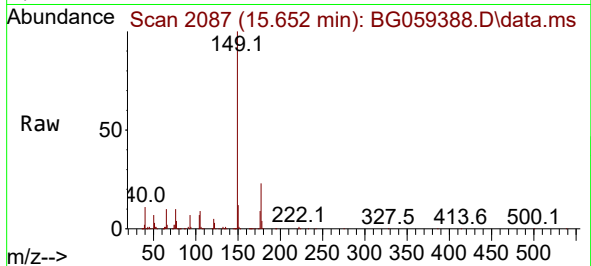




#59
Diethylphthalate
Concen: 40.361 ng/ul
RT: 15.652 min Scan# 2087
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

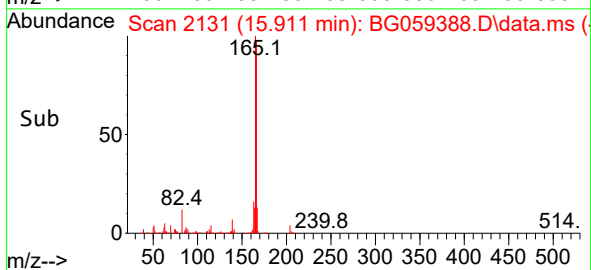
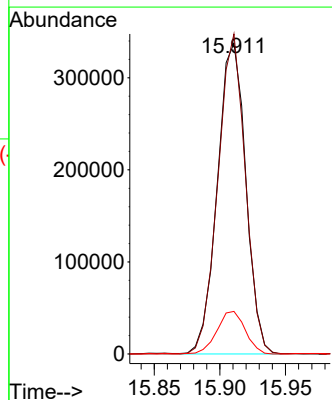
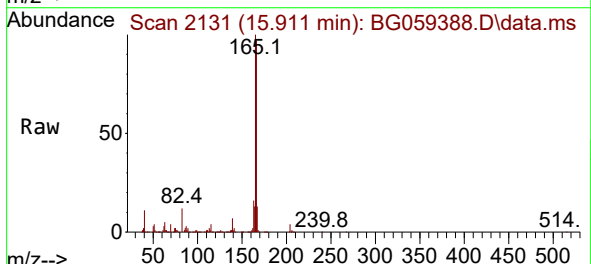
Instrument :
BNA_G
ClientSampleId :
SLCS048

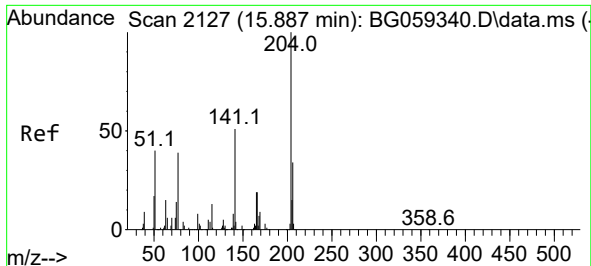
Tgt Ion:149 Resp: 498647
Ion Ratio Lower Upper
149 100
177 23.1 20.1 30.1
150 11.9 9.4 14.2



#61
Fluorene
Concen: 40.527 ng/ul
RT: 15.911 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:166 Resp: 508967
Ion Ratio Lower Upper
166 100
165 103.0 81.0 121.6
167 13.7 11.7 17.5

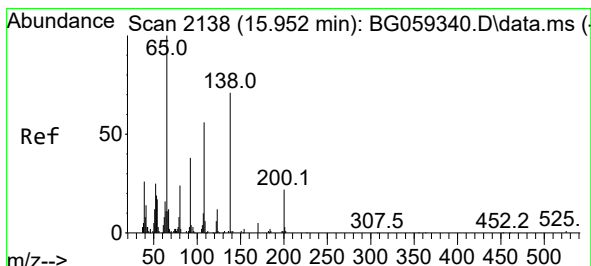
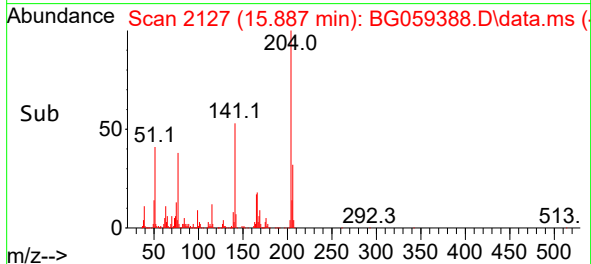
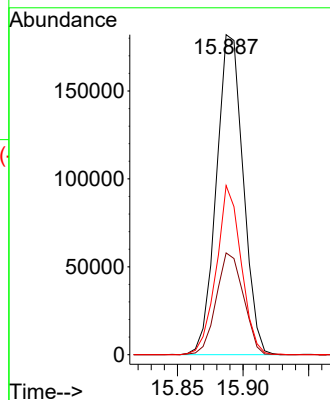
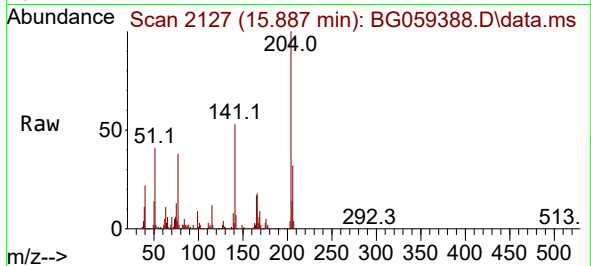




#62
4-Chlorophenyl-phenylether
Concen: 41.665 ng/ul
RT: 15.887 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

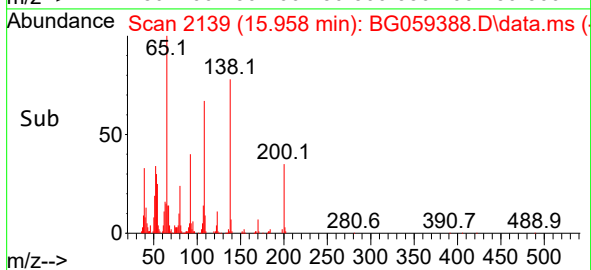
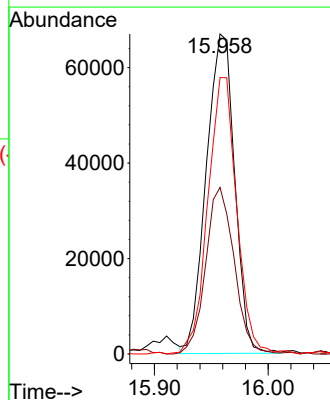
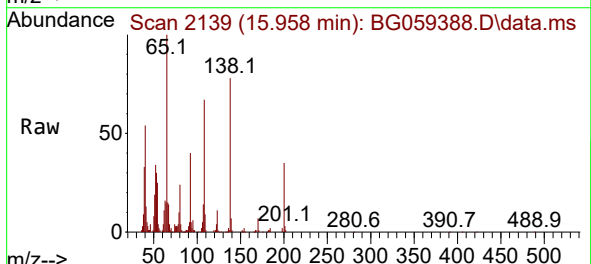
Instrument :
BNA_G
ClientSampleId :
SLCS048

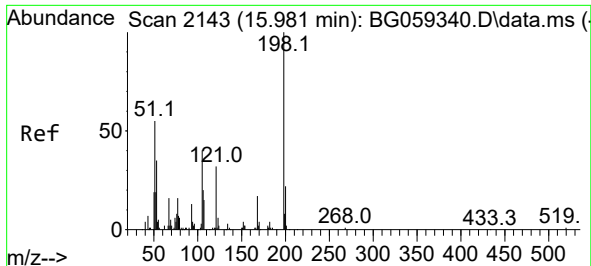
Tgt Ion:204 Resp: 258556
Ion Ratio Lower Upper
204 100
206 31.8 26.9 40.3
141 52.8 40.7 61.1



#63
4-Nitroaniline
Concen: 52.533 ng/ul
RT: 15.958 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:138 Resp: 116059
Ion Ratio Lower Upper
138 100
92 52.1 44.1 66.1
108 86.4 63.3 94.9

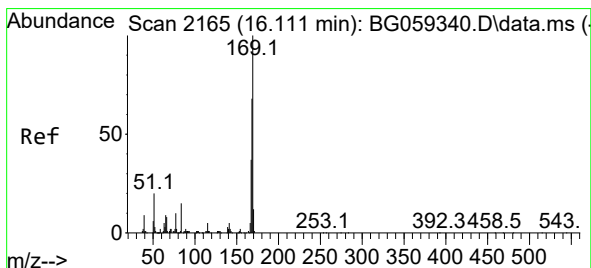
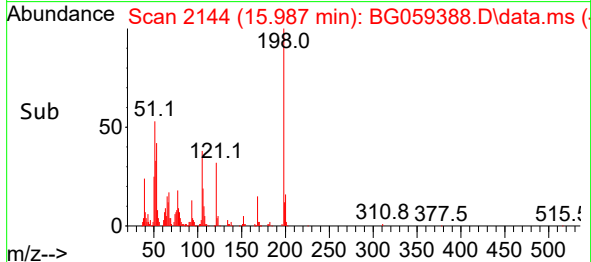
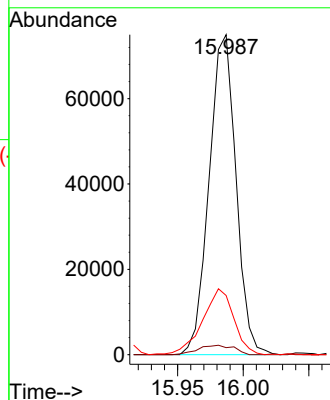
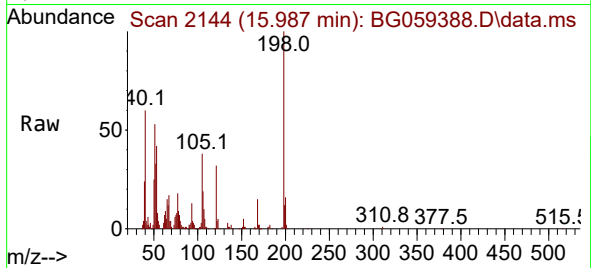




#66
4,6-Dinitro-2-methylphenol
Concen: 44.993 ng/ul
RT: 15.987 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

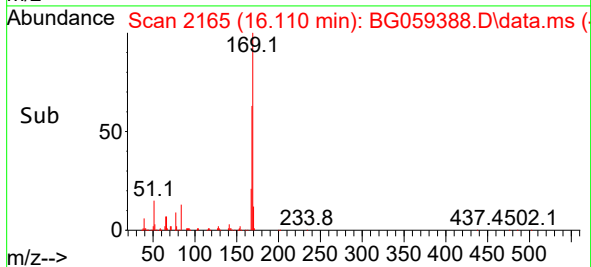
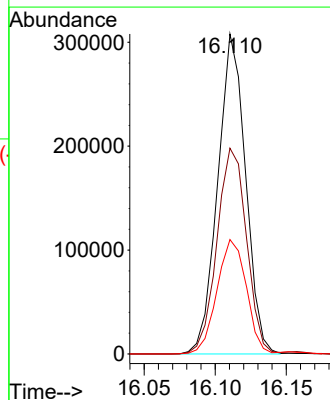
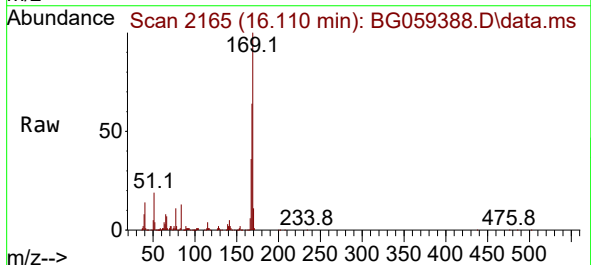
Instrument :
BNA_G
ClientSampleId :
SLCS048

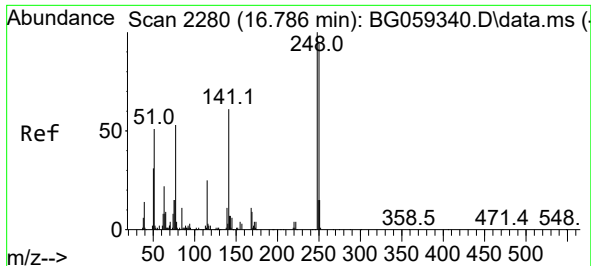
Tgt Ion:198 Resp: 106850
Ion Ratio Lower Upper
198 100
182 2.2 3.1 4.7#
77 18.5 13.8 20.6



#67
N-Nitrosodiphenylamine
Concen: 43.811 ng/ul
RT: 16.110 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:169 Resp: 419282
Ion Ratio Lower Upper
169 100
168 64.3 54.6 82.0
167 35.7 29.5 44.3

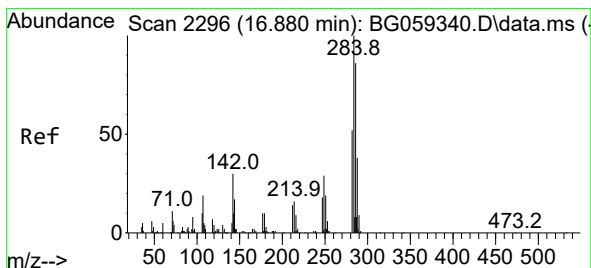
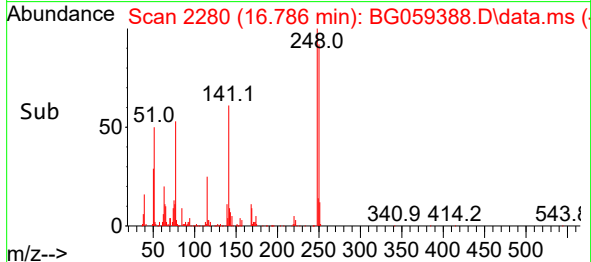
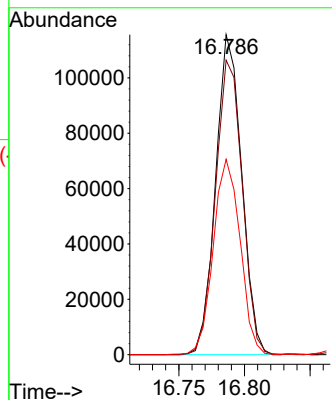
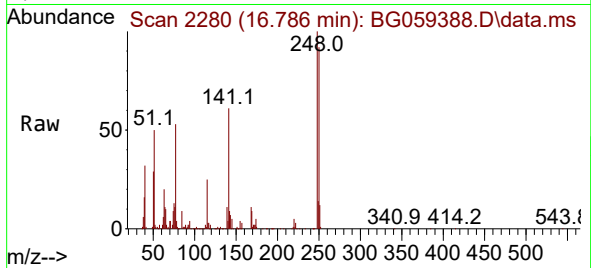




#68
4-Bromophenyl-phenylether
Concen: 44.469 ng/ul
RT: 16.786 min Scan# 211
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

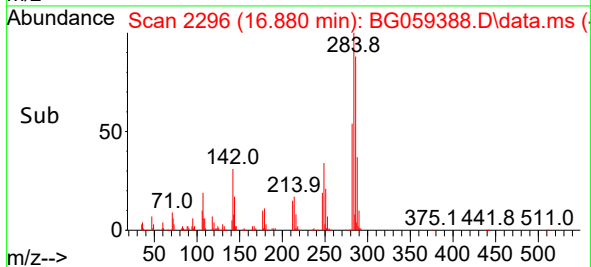
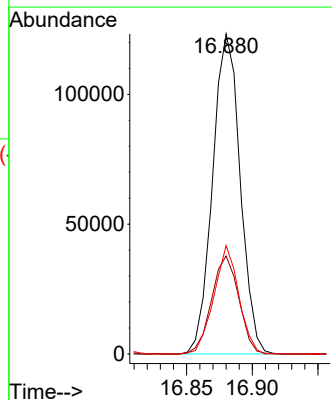
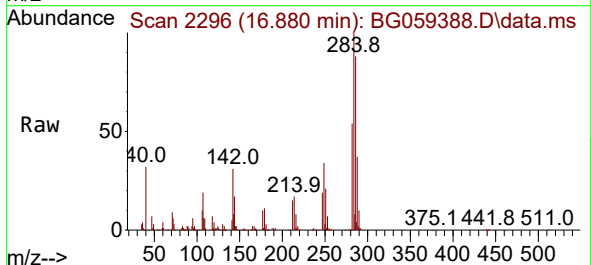
Instrument :
BNA_G
ClientSampleId :
SLCS048

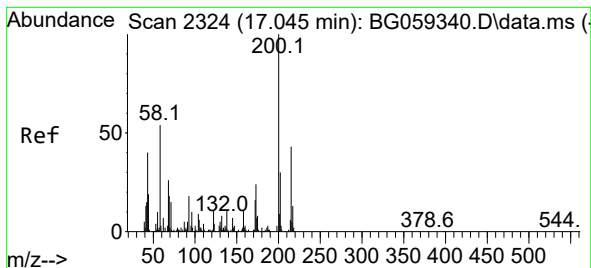
Tgt Ion:248 Resp: 159695
Ion Ratio Lower Upper
248 100
250 92.0 75.0 112.4
141 61.1 49.0 73.6



#69
Hexachlorobenzene
Concen: 43.915 ng/ul
RT: 16.880 min Scan# 2296
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:284 Resp: 180013
Ion Ratio Lower Upper
284 100
142 30.7 23.8 35.8
249 33.8 23.0 34.6





#70

Atrazine

Concen: 14.280 ng/ul

RT: 17.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

Instrument :

BNA_G

ClientSampleId :

SLCS048

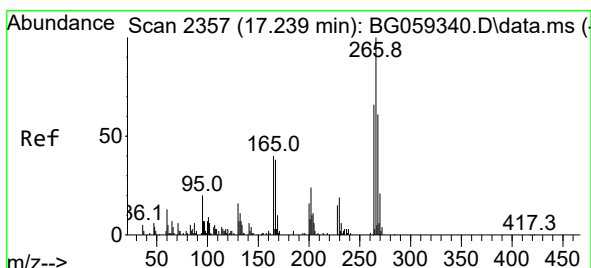
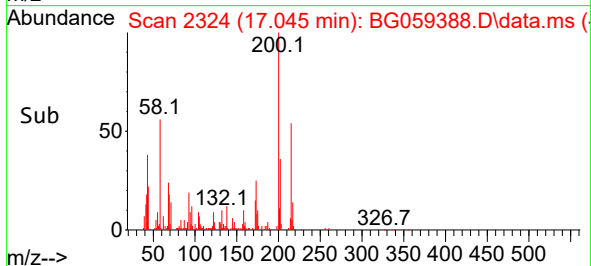
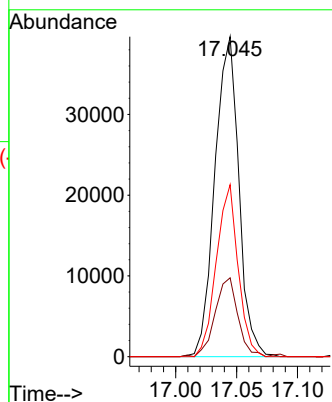
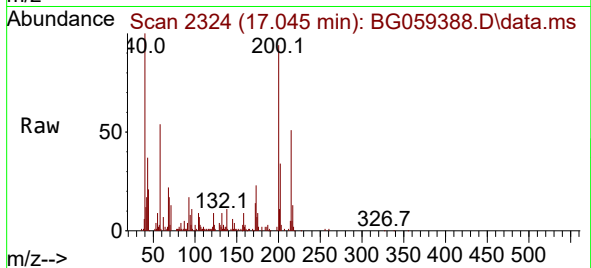
Tgt Ion:200 Resp: 54185

Ion Ratio Lower Upper

200 100

173 24.6 19.4 29.0

215 53.8 34.2 51.4#



#71

Pentachlorophenol

Concen: 42.790 ng/ul

RT: 17.238 min Scan# 2357

Delta R.T. -0.000 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

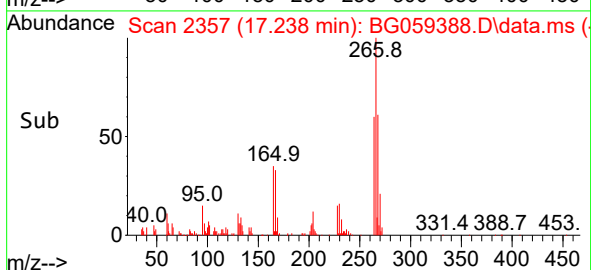
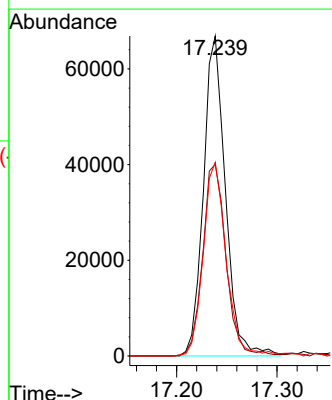
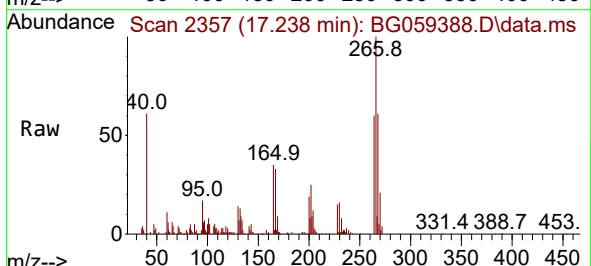
Tgt Ion:266 Resp: 101942

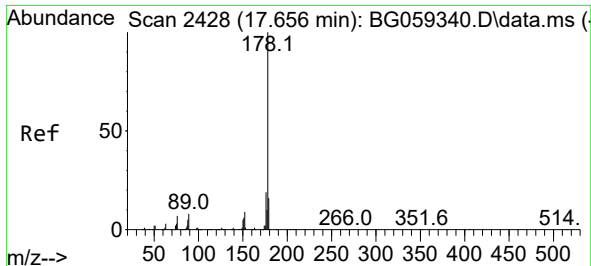
Ion Ratio Lower Upper

266 100

264 59.9 55.0 82.6

268 60.5 48.5 72.7

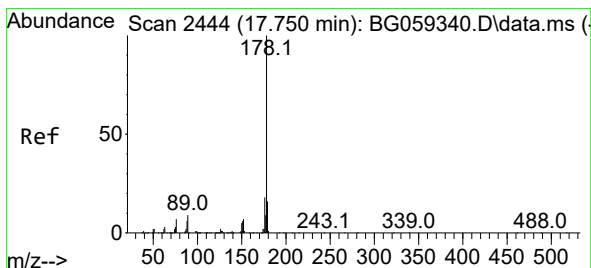
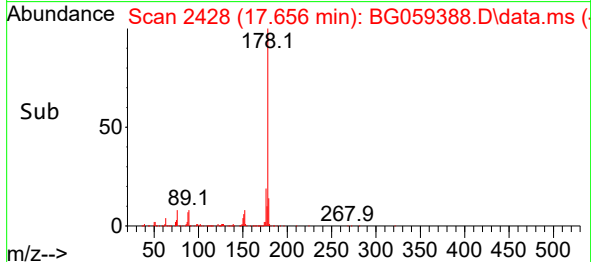
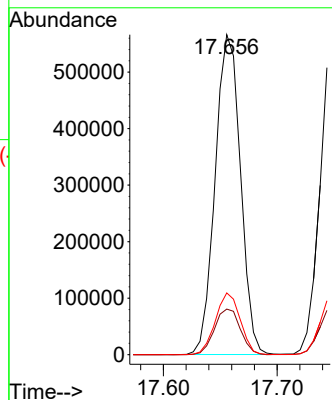
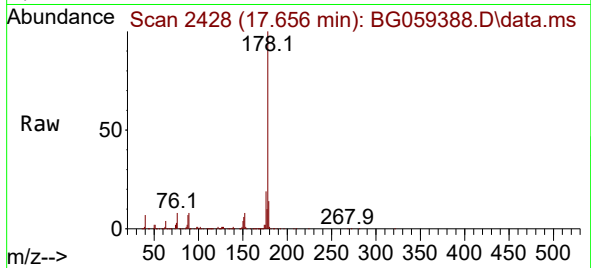




#72
Phenanthrene
Concen: 43.692 ng/ul
RT: 17.656 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

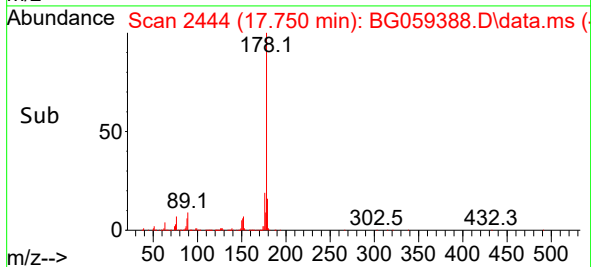
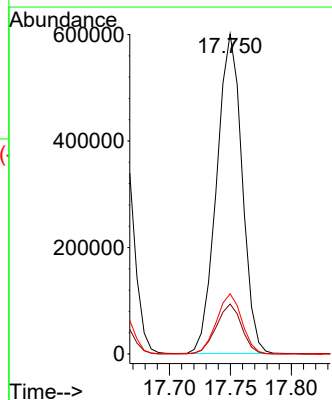
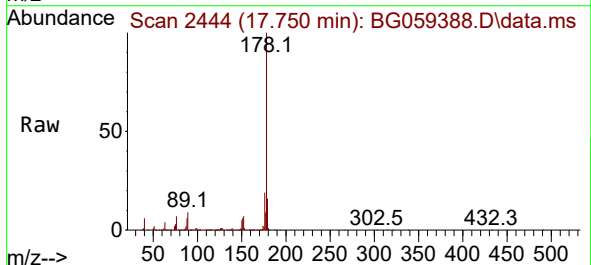
Instrument :
BNA_G
ClientSampleId :
SLCS048

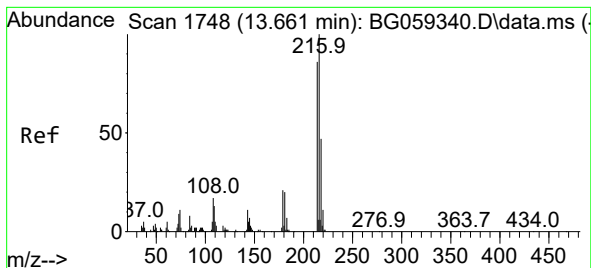
Tgt Ion:178 Resp: 875098
Ion Ratio Lower Upper
178 100
179 14.3 12.4 18.6
176 19.3 15.2 22.8



#74
Anthracene
Concen: 42.686 ng/ul
RT: 17.750 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:178 Resp: 869537
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 18.8 14.6 21.8

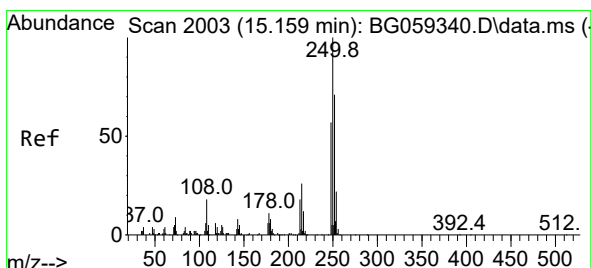
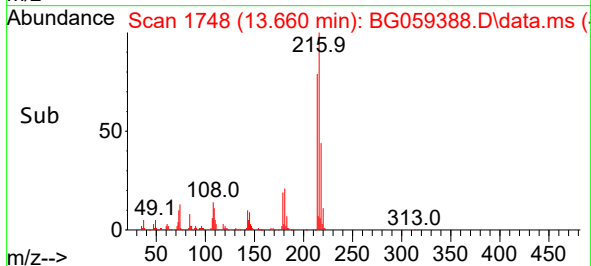
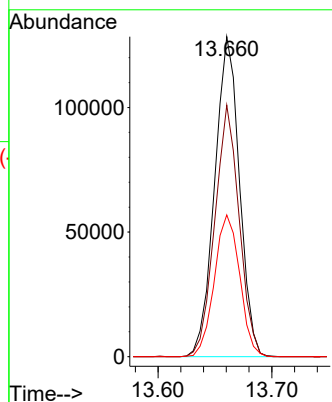
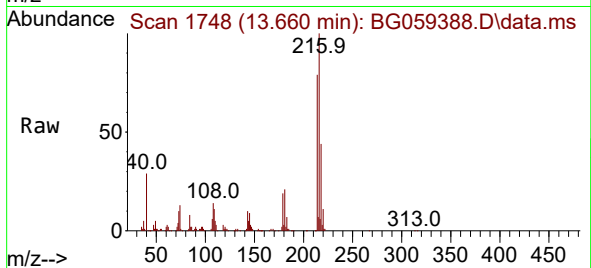




#75
1,2,3,4-Tetrachlorobenzene
Concen: 44.232 ng/uL
RT: 13.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

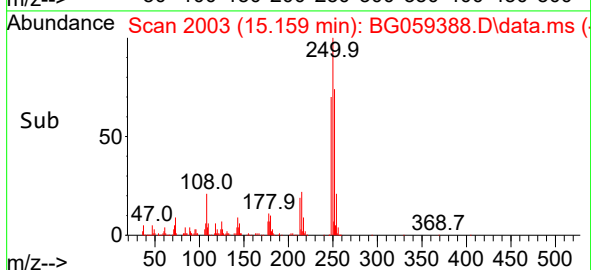
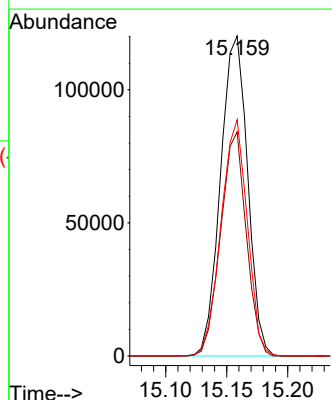
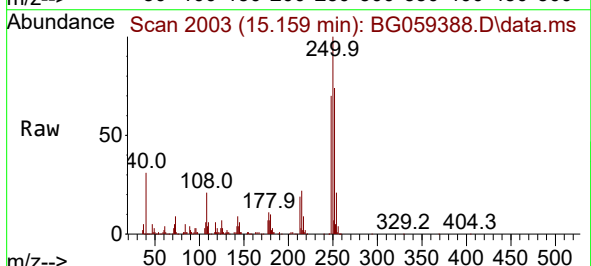
Instrument :
BNA_G
ClientSampleId :
SLCS048

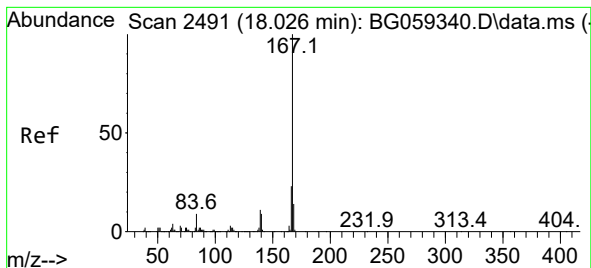
Tgt Ion:216 Resp: 194338
Ion Ratio Lower Upper
216 100
214 78.6 68.5 102.7
218 44.3 37.8 56.8



#76
Pentachlorobenzene
Concen: 40.878 ng/uL
RT: 15.159 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:250 Resp: 185881
Ion Ratio Lower Upper
250 100
248 70.0 45.4 68.2#
252 73.9 56.6 84.8





#77

Carbazole

Concen: 43.546 ng/ul

RT: 18.026 min Scan# 2491

Delta R.T. -0.000 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

Instrument :

BNA_G

ClientSampleId :

SLCS048

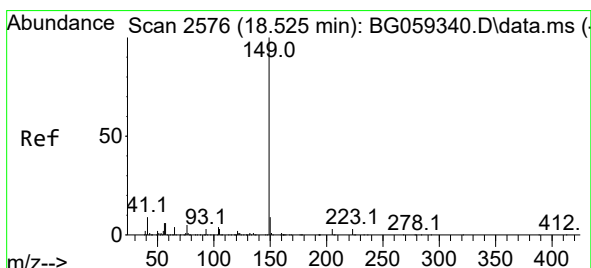
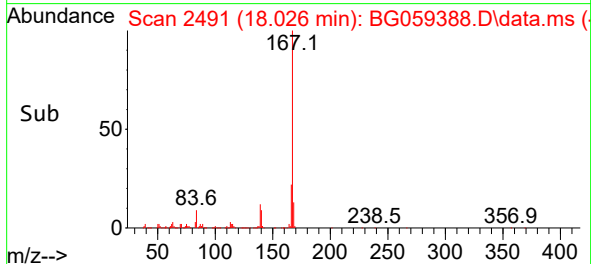
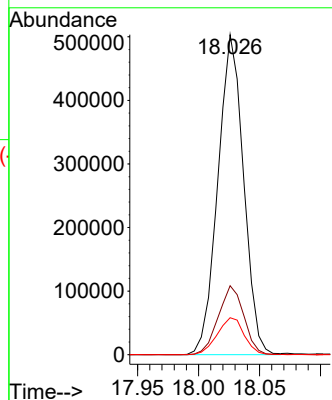
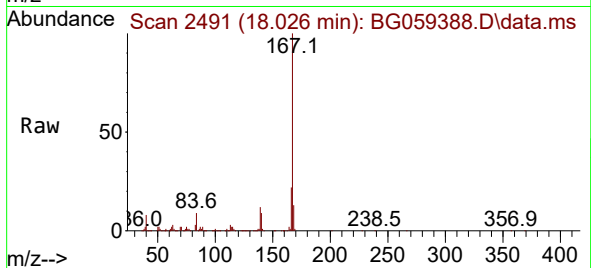
Tgt Ion:167 Resp: 738210

Ion Ratio Lower Upper

167 100

166 21.5 18.2 27.4

139 11.5 9.1 13.7



#78

Di-n-butylphthalate

Concen: 44.447 ng/ul

RT: 18.531 min Scan# 2577

Delta R.T. 0.006 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

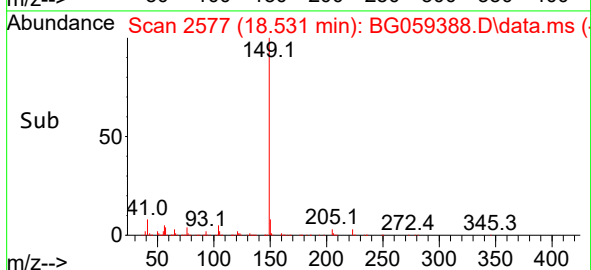
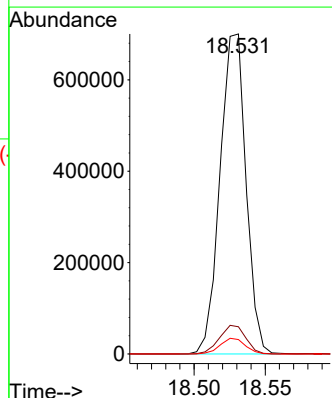
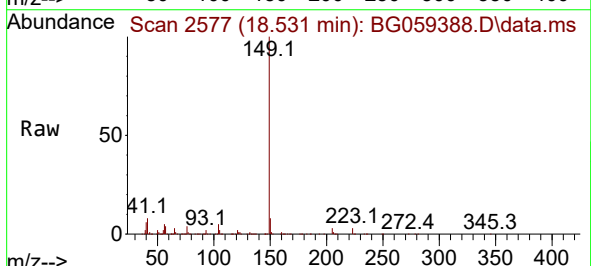
Tgt Ion:149 Resp: 891444

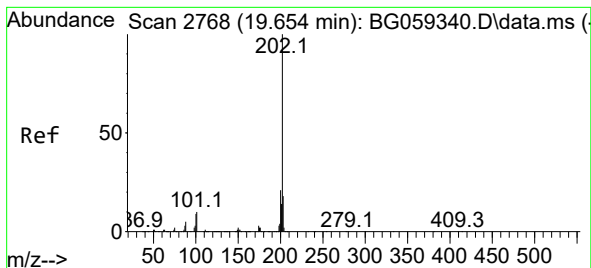
Ion Ratio Lower Upper

149 100

150 8.5 7.5 11.3

104 4.5 3.4 5.2





#80

Fluoranthene

Concen: 44.272 ng/ul

RT: 19.653 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

Instrument :

BNA_G

ClientSampleId :

SLCS048

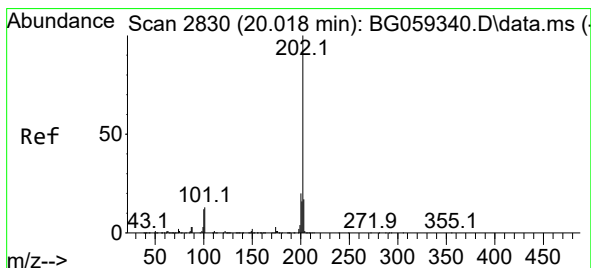
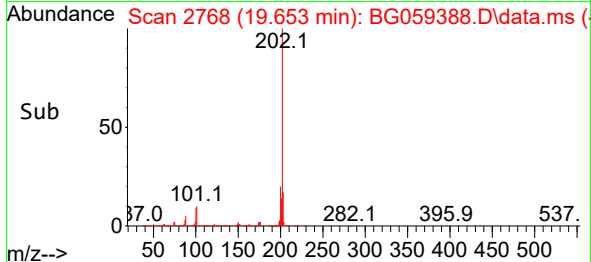
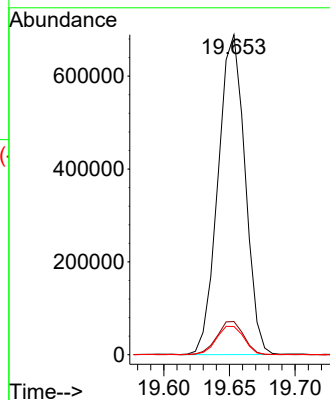
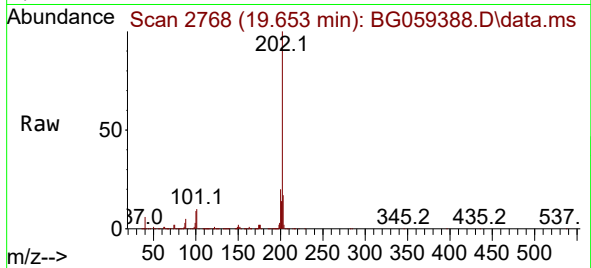
Tgt Ion:202 Resp: 986082

Ion Ratio Lower Upper

202 100

101 10.4 8.0 12.0

100 8.8 7.2 10.8



#82

Pyrene

Concen: 43.734 ng/ul

RT: 20.018 min Scan# 2830

Delta R.T. -0.000 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

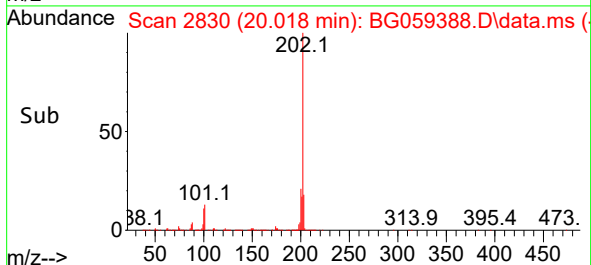
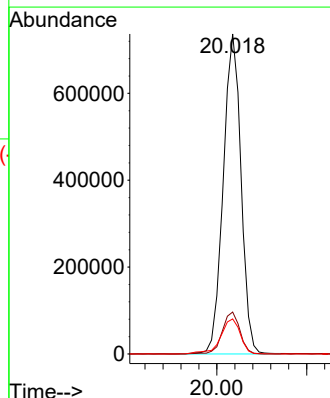
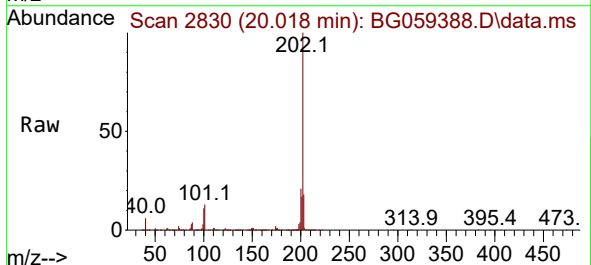
Tgt Ion:202 Resp: 1012354

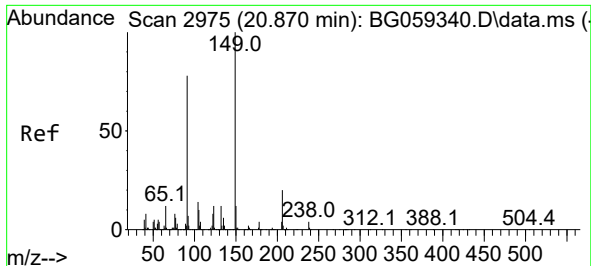
Ion Ratio Lower Upper

202 100

101 13.1 10.5 15.7

100 10.9 9.6 14.4

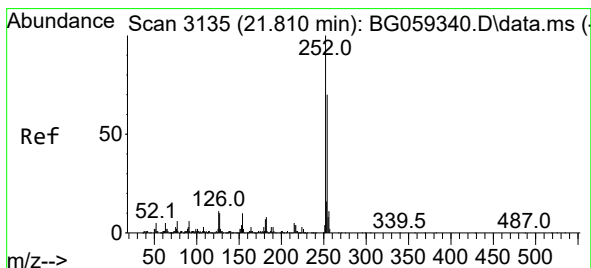
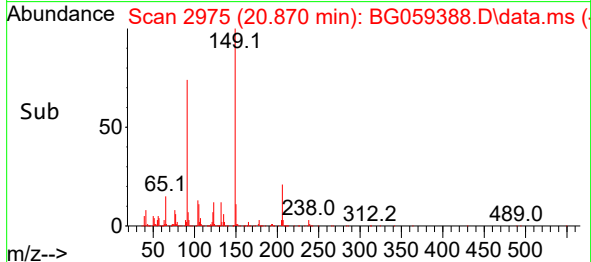
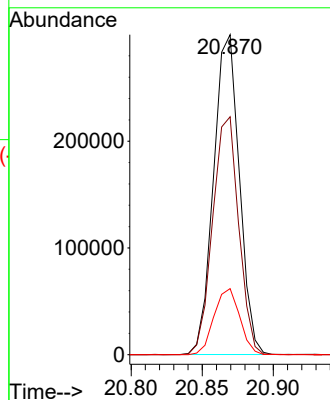
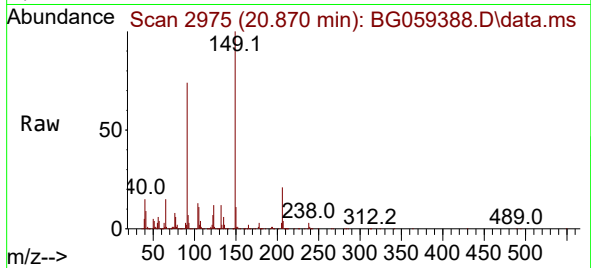




#83
 Butylbenzylphthalate
 Concen: 44.204 ng/ul
 RT: 20.870 min Scan# 2975
 Delta R.T. -0.000 min
 Lab File: BG059388.D
 Acq: 8 Oct 2023 23:18

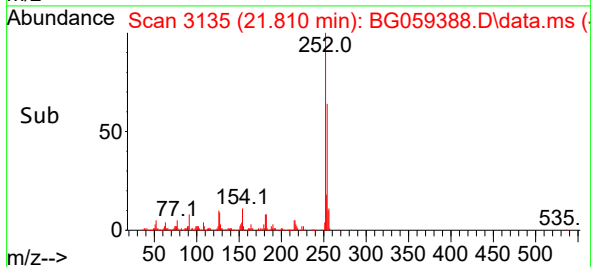
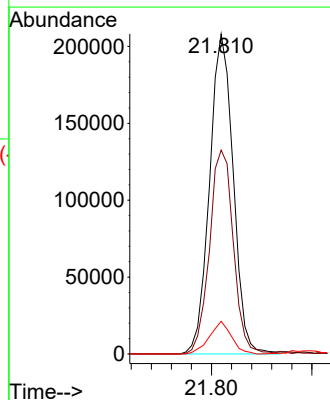
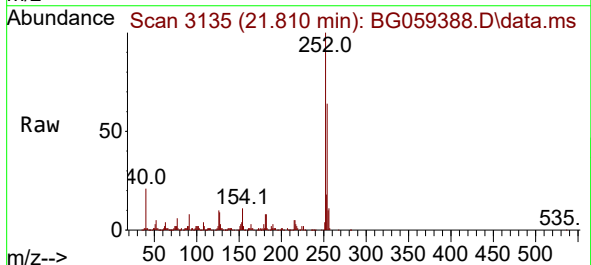
Instrument :
 BNA_G
 ClientSampleId :
 SLCS048

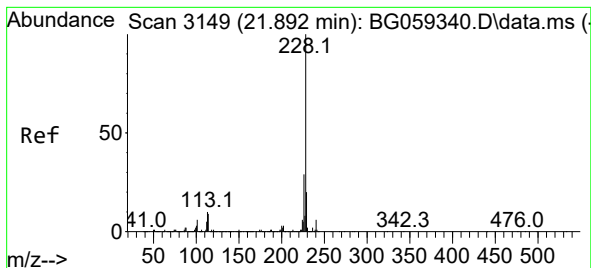
Tgt Ion:149 Resp: 378078
 Ion Ratio Lower Upper
 149 100
 91 74.3 62.0 93.0
 206 20.7 16.3 24.5



#84
 3,3'-Dichlorobenzidine
 Concen: 46.258 ng/ul
 RT: 21.810 min Scan# 3135
 Delta R.T. -0.000 min
 Lab File: BG059388.D
 Acq: 8 Oct 2023 23:18

Tgt Ion:252 Resp: 340988
 Ion Ratio Lower Upper
 252 100
 254 63.7 55.5 83.3
 126 10.2 9.0 13.4





#85

Benzo(a)anthracene

Concen: 43.932 ng/ul

RT: 21.892 min Scan# 3149

Delta R.T. -0.000 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

Instrument :

BNA_G

ClientSampleId :

SLCS048

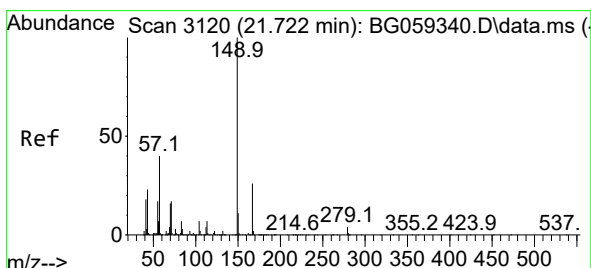
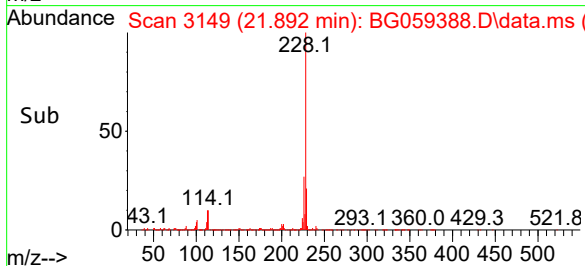
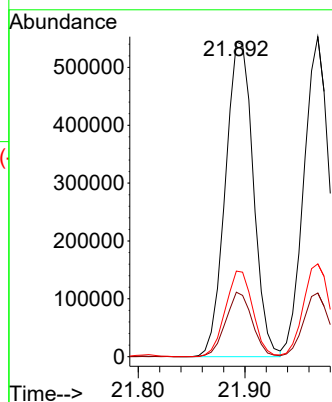
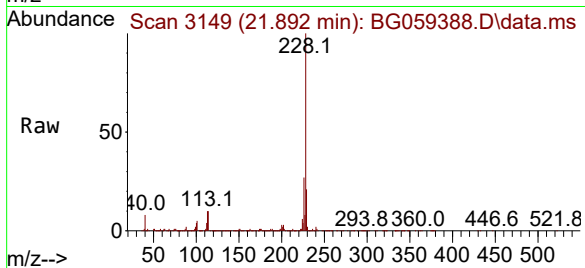
Tgt Ion:228 Resp: 991413

Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.8

226 27.2 23.3 34.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 43.517 ng/ul

RT: 21.721 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

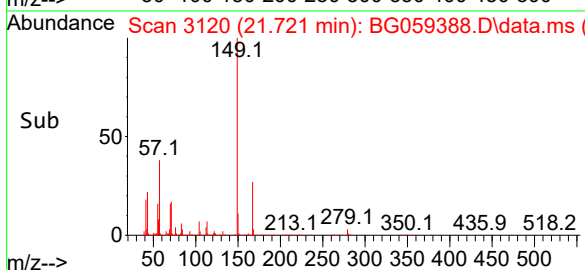
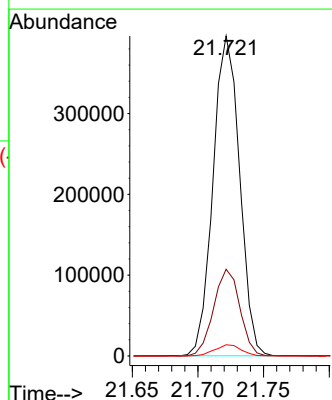
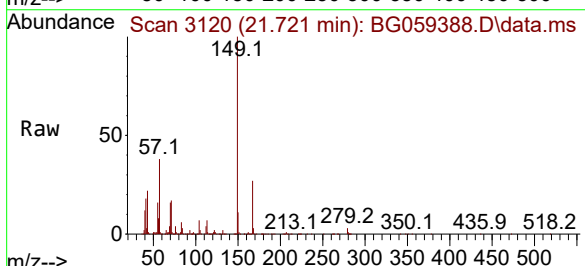
Tgt Ion:149 Resp: 556658

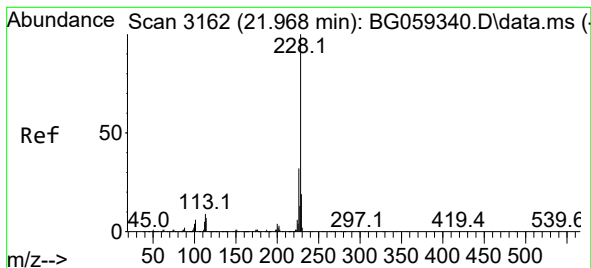
Ion Ratio Lower Upper

149 100

167 27.1 20.9 31.3

279 3.5 2.8 4.2





#87

Chrysene

Concen: 43.421 ng/ul

RT: 21.968 min Scan# 3162

Delta R.T. -0.000 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

Instrument :

BNA_G

ClientSampleId :

SLCS048

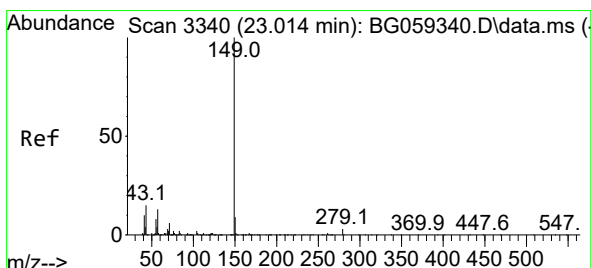
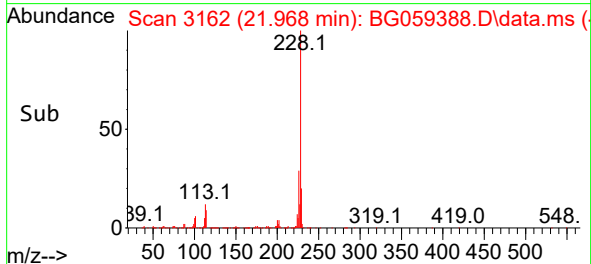
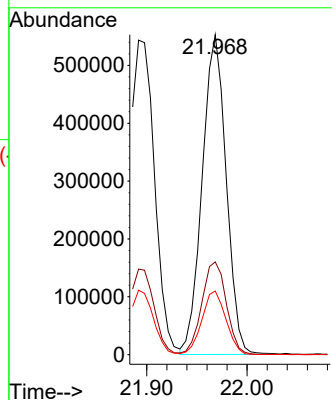
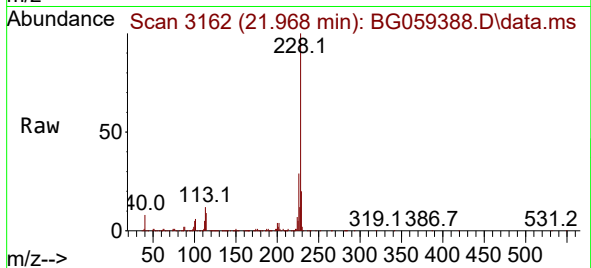
Tgt Ion:228 Resp: 920382

Ion Ratio Lower Upper

228 100

226 29.0 25.2 37.8

229 19.9 15.0 22.4



#89

Di-n-octyl phthalate

Concen: 44.216 ng/ul

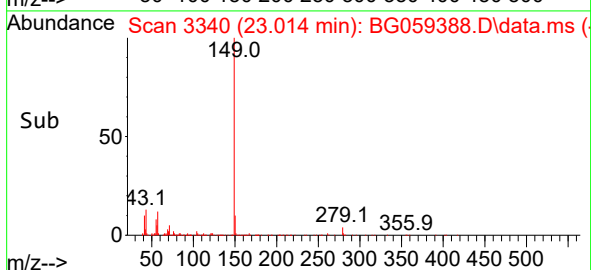
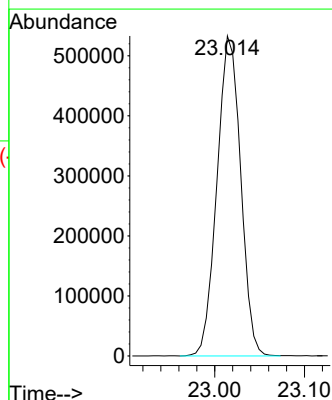
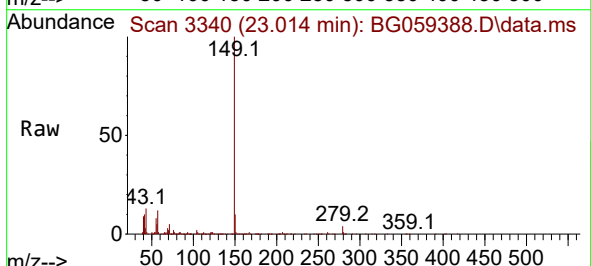
RT: 23.014 min Scan# 3340

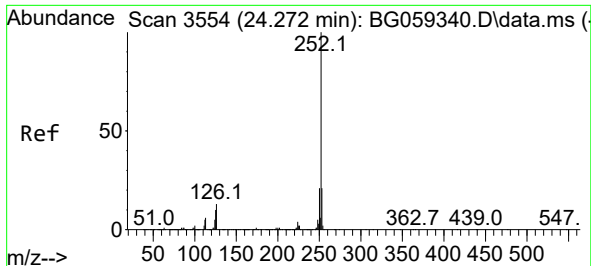
Delta R.T. -0.000 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

Tgt Ion:149 Resp: 975993

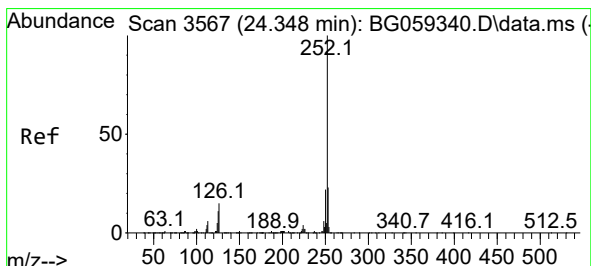
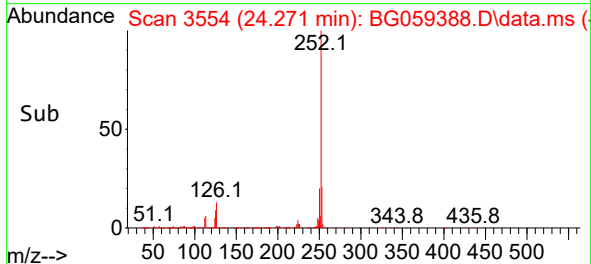
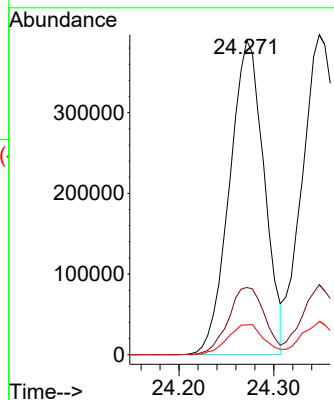
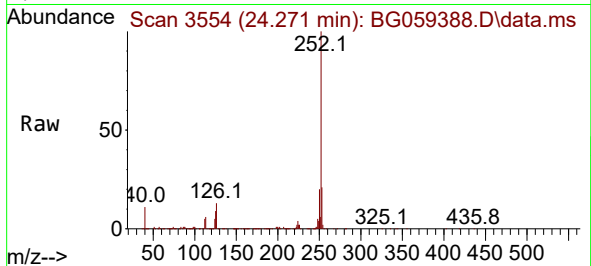




#90
Benzo(b)fluoranthene
Concen: 42.873 ng/ul
RT: 24.271 min Scan# 3554
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

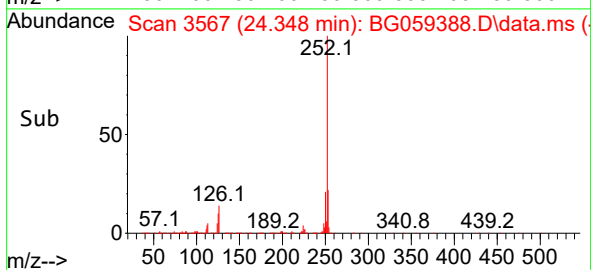
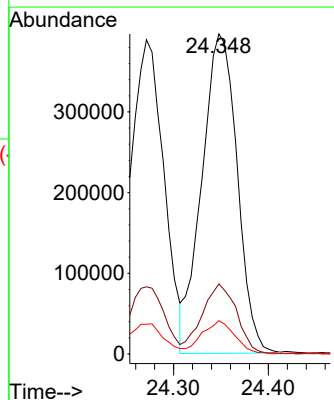
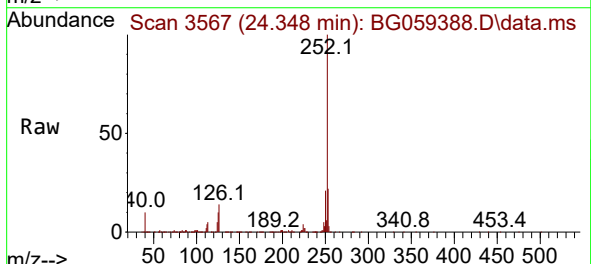
Instrument :
BNA_G
ClientSampleId :
SLCS048

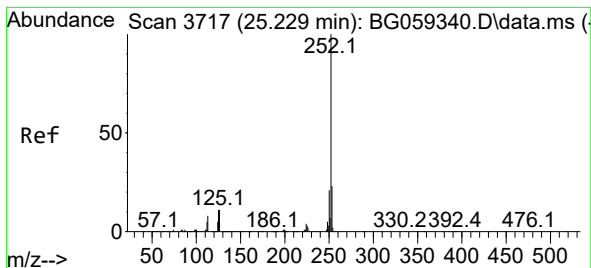
Tgt Ion:252 Resp: 988175
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 9.5 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 43.872 ng/ul
RT: 24.348 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BG059388.D
Acq: 8 Oct 2023 23:18

Tgt Ion:252 Resp: 1026731
Ion Ratio Lower Upper
252 100
253 21.9 19.0 28.4
125 10.4 9.0 13.4





#93

Benzo(a)pyrene

Concen: 43.345 ng/ul

RT: 25.235 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

Instrument :

BNA_G

ClientSampleId :

SLCS048

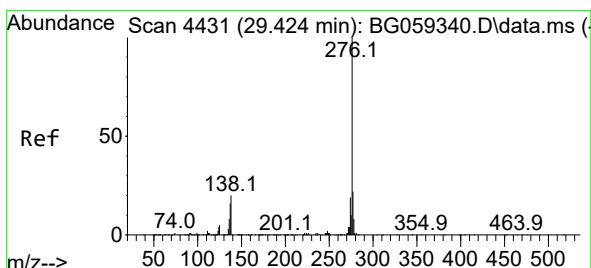
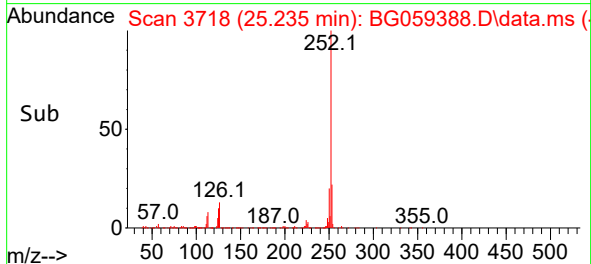
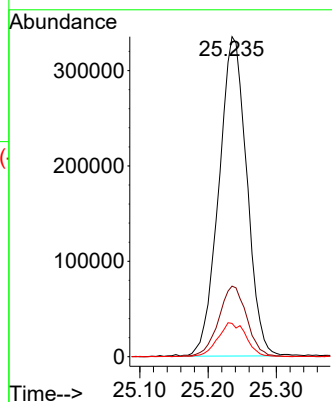
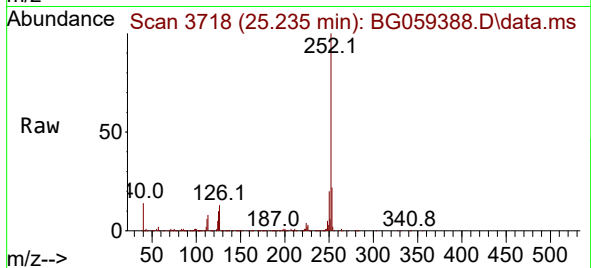
Tgt Ion:252 Resp: 951655

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

125 10.4 8.7 13.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 43.966 ng/ul

RT: 29.430 min Scan# 4432

Delta R.T. 0.006 min

Lab File: BG059388.D

Acq: 8 Oct 2023 23:18

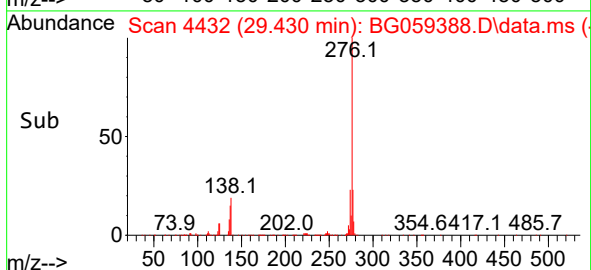
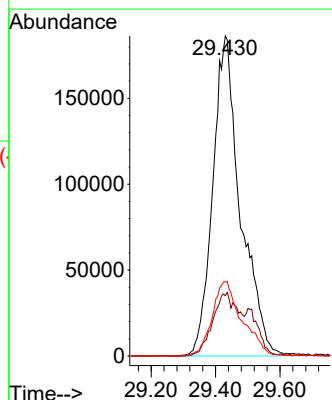
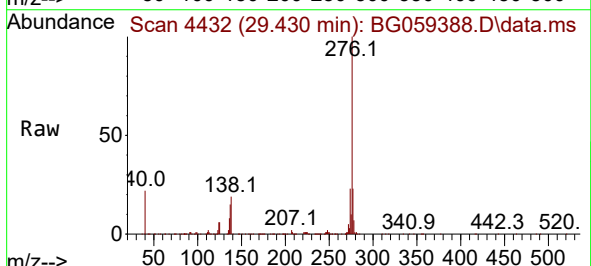
Tgt Ion:276 Resp: 1111905

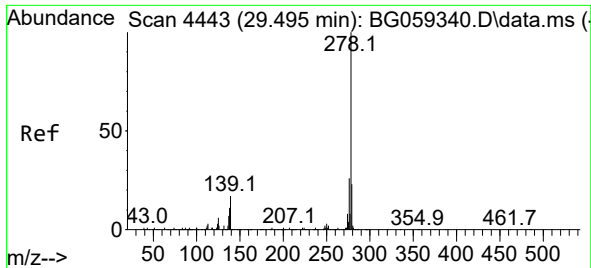
Ion Ratio Lower Upper

276 100

138 18.8 16.2 24.4

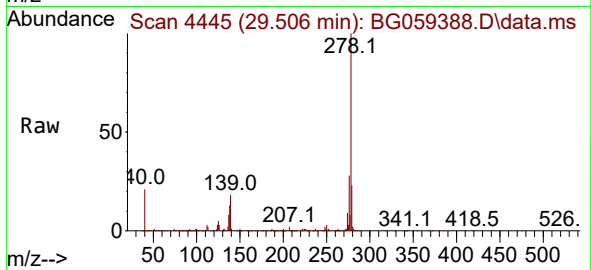
277 23.2 17.1 25.7





#95
 Dibenzo(a,h)anthracene
 Concen: 44.512 ng/ul
 RT: 29.506 min Scan# 44
 Delta R.T. 0.012 min
 Lab File: BG059388.D
 Acq: 8 Oct 2023 23:18

Instrument :
 BNA_G
 ClientSampleId :
 SLCS048



Tgt Ion:	278	Resp:	915363
Ion Ratio	Lower	Upper	
278	100		
139	18.0	13.7	20.5
279	22.7	18.6	27.8

