

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059112.D
 Acq On : 20 Sep 2023 16:46
 Operator : MA/JU
 Sample : PB155502BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS502

Quant Time: Sep 20 23:58:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 04:25:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	28353	20.000	ng/u1	0.00
20) Naphthalene-d8	11.143	136	141743	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.927	164	90947	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.677	188	204244	20.000	ng/u1	0.00
79) Chrysene-d12	22.001	240	170964	20.000	ng/u1	# 0.00
88) Perylene-d12	25.544	264	198927	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.611	96	5502	7.596	ng/uL	0.00
4) Pyridine-d5	4.040	84	78744	37.055	ng/u1	0.00
7) Phenol-d5	7.412	99	118628	42.551	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.618	67	69134	40.409	ng/u1	0.00
11) 2-Chlorophenol-d4	7.812	132	84185	40.919	ng/u1	0.00
15) 4-Methylphenol-d8	8.981	113	87537	39.425	ng/u1	0.00
21) Nitrobenzene-d5	9.498	128	45404	41.512	ng/u1	0.00
24) 2-Nitrophenol-d4	10.215	143	48088	43.522	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.738	165	88466	42.174	ng/u1	0.00
31) 4-Chloroaniline-d4	11.284	131	123750	37.798	ng/u1	0.00
46) Dimethylphthalate-d6	14.322	166	277627	39.692	ng/u1	0.00
49) Acenaphthylene-d8	14.627	160	334243	39.246	ng/u1	0.00
54) 4-Nitrophenol-d4	15.103	143	52638	41.248	ng/u1	0.00
60) Fluorene-d10	15.914	176	250727	39.161	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.026	200	51929	44.721	ng/u1	0.00
73) Anthracene-d10	17.776	188	366472	39.434	ng/u1	0.00
81) Pyrene-d10	20.050	212	418165	41.847	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.297	264	405285	41.724	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.646	88	11541	14.090	ng/uL	85
5) Pyridine	4.063	79	73625	34.001	ng/u1	95
6) Benzaldehyde	7.441	77	55137	38.141	ng/u1	96
8) Phenol	7.441	94	126059	43.992	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.712	93	96637	42.004	ng/u1	99
12) 2-Chlorophenol	7.847	128	89506	42.641	ng/u1	98
13) 2-Methylphenol	8.716	108	91764	43.151	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.816	45	204213	42.753	ng/u1	97
16) Acetophenone	9.140	105	149542	43.747	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.110	70	72571	41.996	ng/u1	97
18) 4-Methylphenol	9.051	108	101018	44.326	ng/u1	93
19) Hexachloroethane	9.380	117	33982	41.176	ng/u1	89
22) Nitrobenzene	9.539	77	106773	43.109	ng/u1	98
23) Isophorone	10.050	82	226332	42.614	ng/u1	97
25) 2-Nitrophenol	10.250	139	53286	43.155	ng/u1	97
26) 2,4-Dimethylphenol	10.268	107	85558	37.061	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.532	93	144291	43.668	ng/u1	96
29) 2,4-Dichlorophenol	10.767	162	91971	43.373	ng/u1	91
30) Naphthalene	11.196	128	322347	42.499	ng/u1	100
32) 4-Chloroaniline	11.308	127	100483	31.179	ng/u1	99
33) Hexachlorobutadiene	11.425	225	60244	44.141	ng/u1	89
34) Caprolactam	12.095	113	18489	23.809	ng/u1#	59
35) 4-Chloro-3-methylphenol	12.377	107	98658	44.171	ng/u1	97
36) 2-Methylnaphthalene	12.776	142	213403	42.127	ng/u1	96

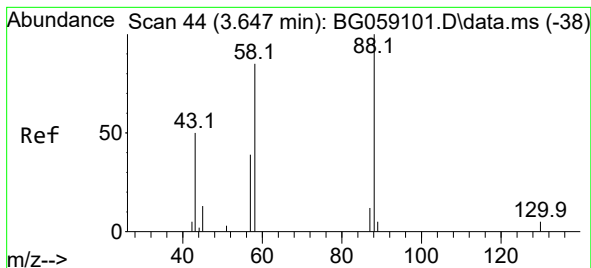
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.994	142	207509	40.551	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.117	216	111742	41.910	ng/ul	97
40) Hexachlorocyclopentadiene	13.070	237	60996	35.884	ng/ul	95
41) 2,4,6-Trichlorophenol	13.358	196	68826	39.530	ng/ul	95
42) 2,4,5-Trichlorophenol	13.429	196	78734	41.806	ng/ul	96
43) 1,1'-Biphenyl	13.763	154	315459	43.456	ng/ul	93
44) 2-Chloronaphthalene	13.816	162	234381	42.285	ng/ul	96
45) 2-Nitroaniline	14.034	65	76369	43.465	ng/ul	97
47) Dimethylphthalate	14.375	163	303188	42.439	ng/ul	99
48) 2,6-Dinitrotoluene	14.516	165	61082	46.269	ng/ul#	85
50) Acenaphthylene	14.662	152	358915	39.455	ng/ul	99
51) 3-Nitroaniline	14.850	138	63608	43.668	ng/ul	98
52) Acenaphthene	14.991	153	259060	41.995	ng/ul	99
53) 2,4-Dinitrophenol	15.044	184	38989	49.015	ng/ul	91
55) 4-Nitrophenol	15.121	109	36536	43.321	ng/ul	93
56) Dibenzofuran	15.326	168	349179	42.675	ng/ul	98
57) 2,4-Dinitrotoluene	15.291	165	85719	45.038	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.532	232	62944	36.107	ng/ul#	90
59) Diethylphthalate	15.720	149	295706	42.006	ng/ul	100
61) Fluorene	15.973	166	296648	42.460	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.955	204	149087	42.995	ng/ul	95
63) 4-Nitroaniline	16.014	138	64845	48.024	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.037	198	56574	45.203	ng/ul#	96
67) N-Nitrosodiphenylamine	16.172	169	245429	45.134	ng/ul	96
68) 4-Bromophenyl-phenylether	16.854	248	89989	45.285	ng/ul	96
69) Hexachlorobenzene	16.942	284	100273	44.054	ng/ul	94
70) Atrazine	17.101	200	7639	3.531	ng/ul	99
71) Pentachlorophenol	17.295	266	51687	34.960	ng/ul	94
72) Phenanthrene	17.724	178	493612	43.187	ng/ul	98
74) Anthracene	17.812	178	489392	41.905	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.722	216	11384	4.181	ng/uL	90
76) Pentachlorobenzene	15.221	250	117667	46.718	ng/uL	94
77) Carbazole	18.088	167	418835	43.136	ng/ul	99
78) Di-n-butylphthalate	18.593	149	509306	42.579	ng/ul	99
80) Fluoranthene	19.715	202	560050	44.975	ng/ul	98
82) Pyrene	20.080	202	578415	44.531	ng/ul	97
83) Butylbenzylphthalate	20.937	149	209096	44.566	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.889	252	189682	45.913	ng/ul	97
85) Benzo(a)anthracene	21.977	228	535025	43.104	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.813	149	319708	45.544	ng/ul	98
87) Chrysene	22.048	228	505675	43.685	ng/ul	99
89) Di-n-octyl phthalate	23.135	149	547647	45.030	ng/ul	100
90) Benzo(b)fluoranthene	24.398	252	552970	45.619	ng/ul	99
91) Benzo(k)fluoranthene	24.480	252	569472	45.312	ng/ul	98
93) Benzo(a)pyrene	25.379	252	498300	42.774	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.663	276	515370	38.898	ng/ul	94
95) Dibenzo(a,h)anthracene	29.751	278	492615	46.267	ng/ul	98
96) Benzo(g,h,i)perylene	30.961	276	484208	45.368	ng/ul	99

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



#2

1,4-Dioxane

Concen: 14.090 ng/uL

RT: 3.646 min Scan# 44

Delta R.T. -0.006 min

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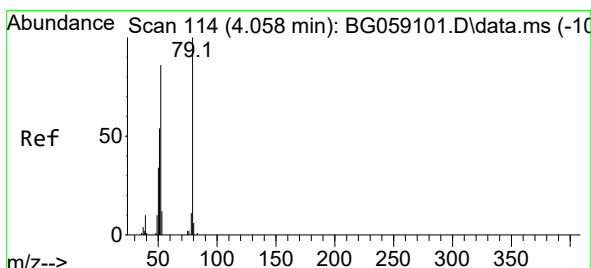
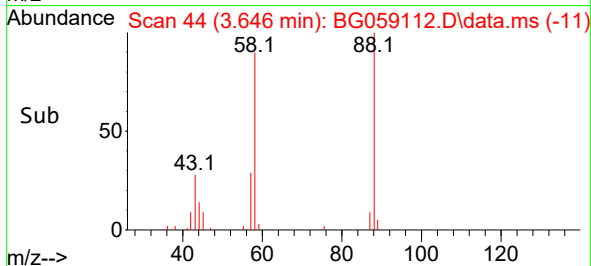
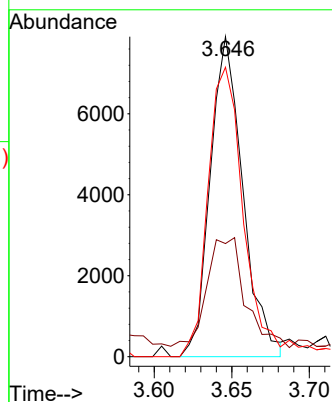
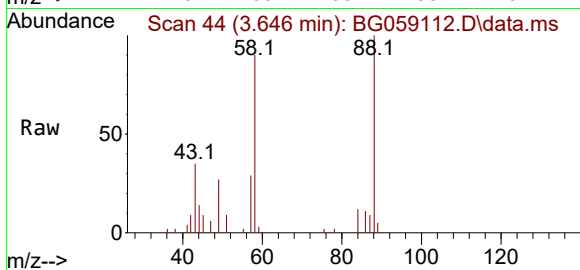
Tgt Ion: 88 Resp: 11541

Ion Ratio Lower Upper

88 100

43 35.4 24.5 36.7

58 90.5 60.6 91.0



#5

Pyridine

Concen: 34.001 ng/uL

RT: 4.063 min Scan# 115

Delta R.T. -0.001 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

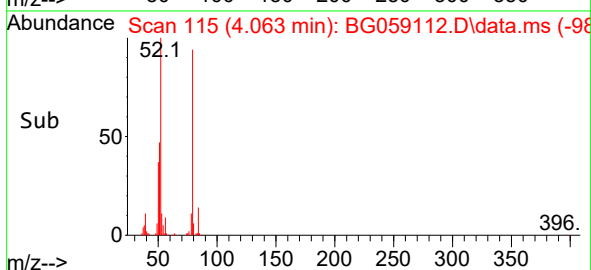
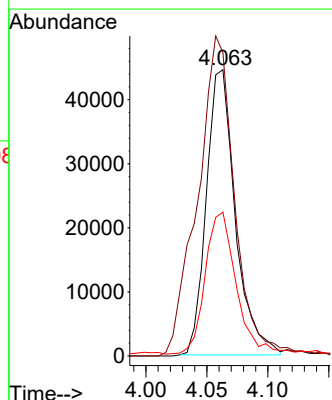
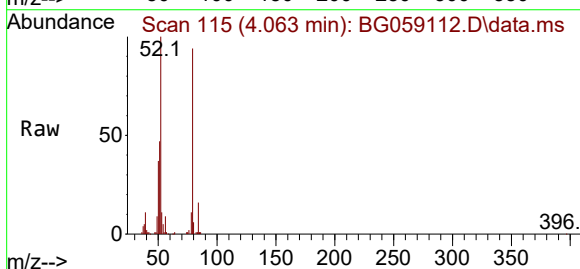
Tgt Ion: 79 Resp: 73625

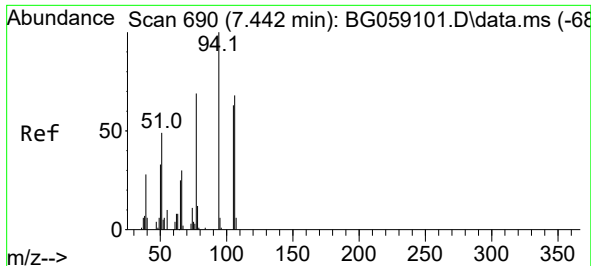
Ion Ratio Lower Upper

79 100

52 106.0 90.6 135.8

51 50.2 39.6 59.4

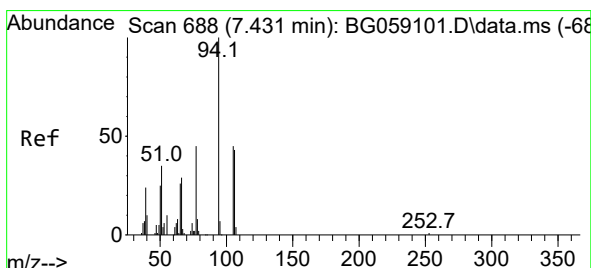
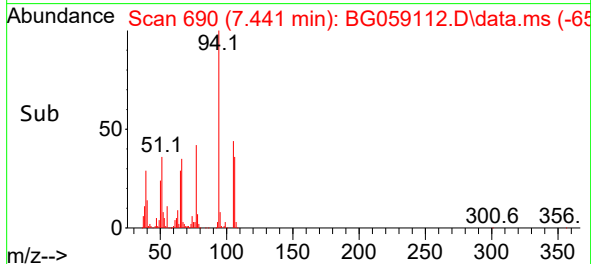
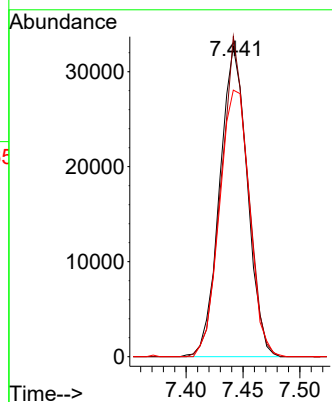
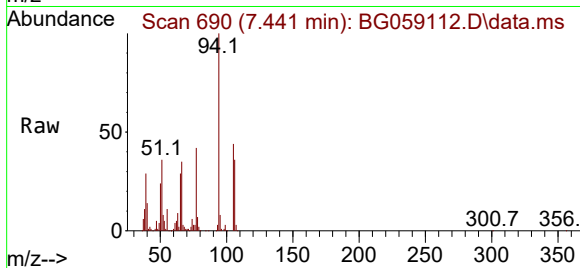




#6
Benzaldehyde
Concen: 38.141 ng/ul
RT: 7.441 min Scan# 690
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

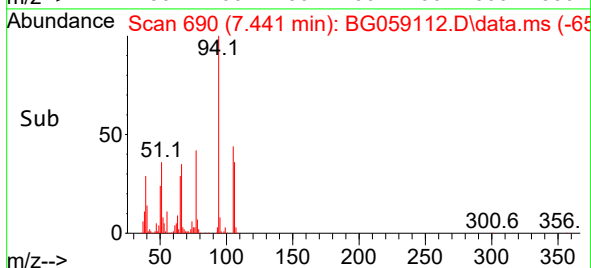
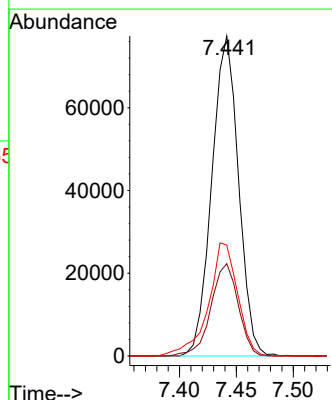
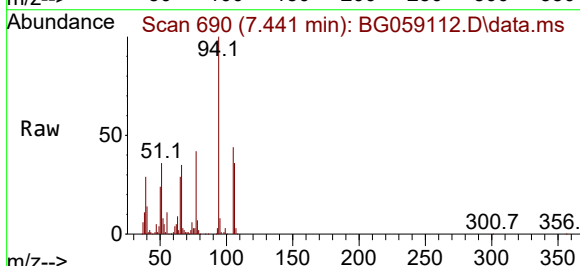
Instrument :
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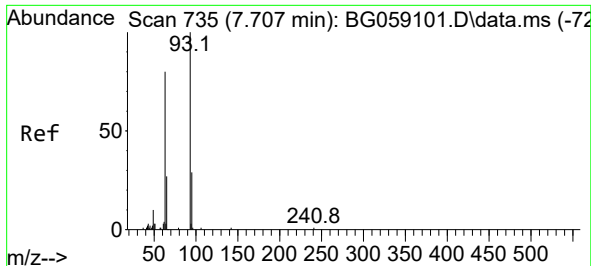
Tgt Ion: 77 Resp: 55137
Ion Ratio Lower Upper
77 100
105 103.2 76.9 115.3
106 86.0 69.4 104.0



#8
Phenol
Concen: 43.992 ng/ul
RT: 7.441 min Scan# 690
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion: 94 Resp: 126059
Ion Ratio Lower Upper
94 100
65 28.8 24.4 36.6
66 34.6 28.4 42.6

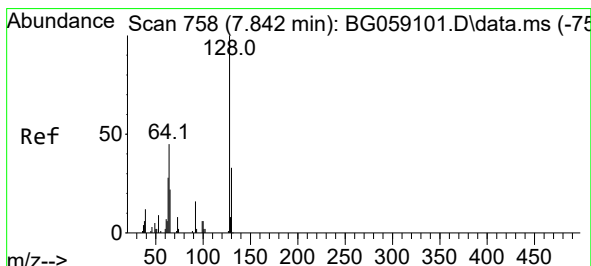
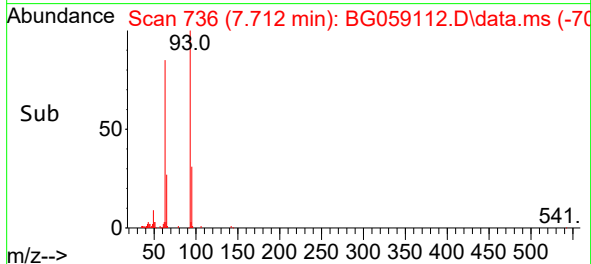
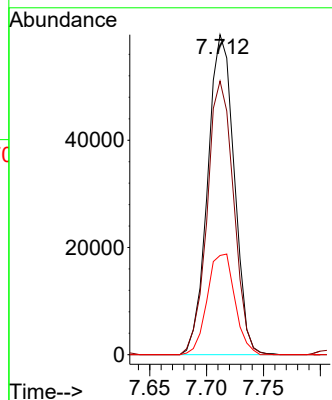
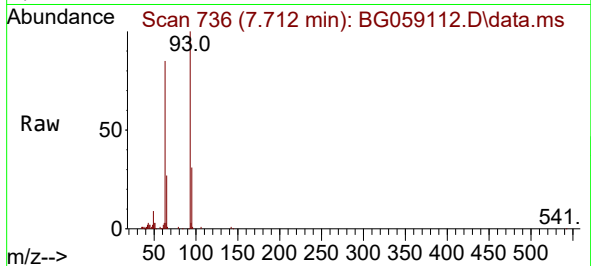




#10
 Bis(2-Chloroethyl)ether
 Concen: 42.004 ng/ul
 RT: 7.712 min Scan# 710
 Delta R.T. -0.001 min
 Lab File: BG059112.D
 Acq: 20 Sep 2023 16:46

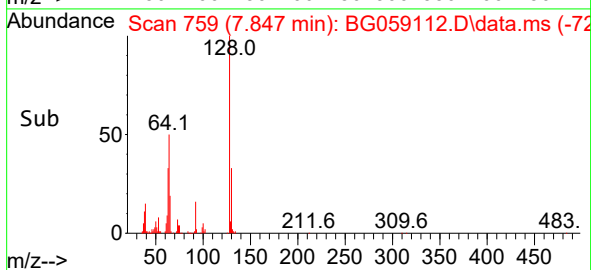
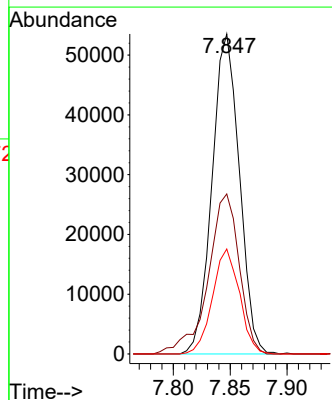
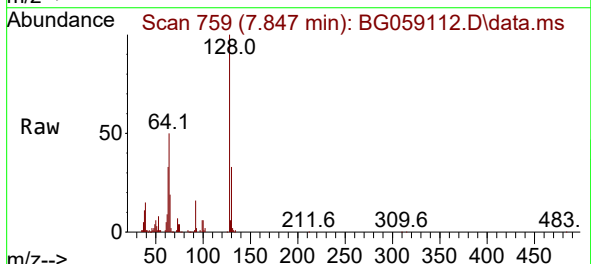
Instrument :
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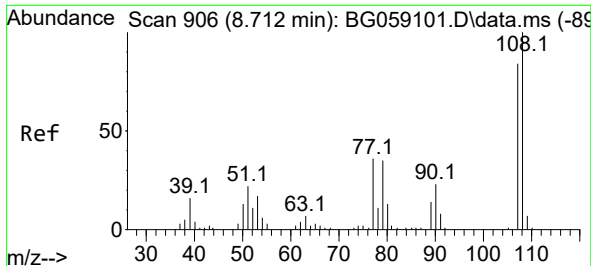
Tgt Ion: 93 Resp: 96637
 Ion Ratio Lower Upper
 93 100
 63 85.5 68.3 102.5
 95 31.0 23.8 35.8



#12
 2-Chlorophenol
 Concen: 42.641 ng/ul
 RT: 7.847 min Scan# 759
 Delta R.T. -0.001 min
 Lab File: BG059112.D
 Acq: 20 Sep 2023 16:46

Tgt Ion:128 Resp: 89506
 Ion Ratio Lower Upper
 128 100
 64 50.0 40.3 60.5
 130 32.8 24.0 36.0

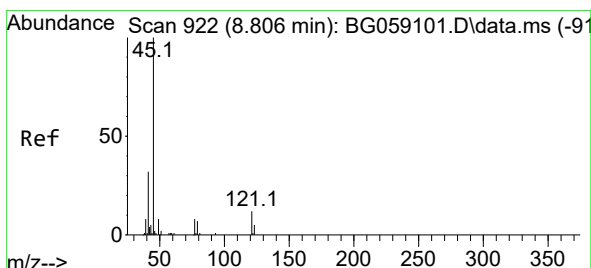
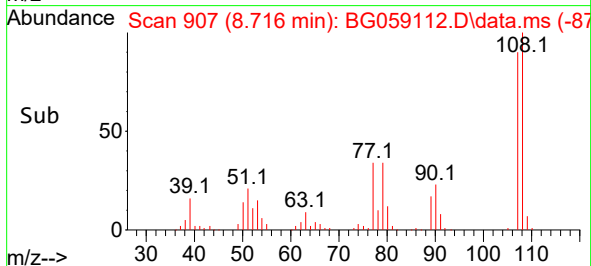
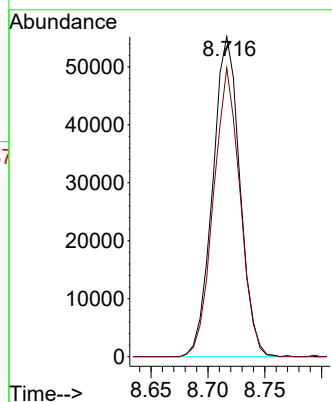
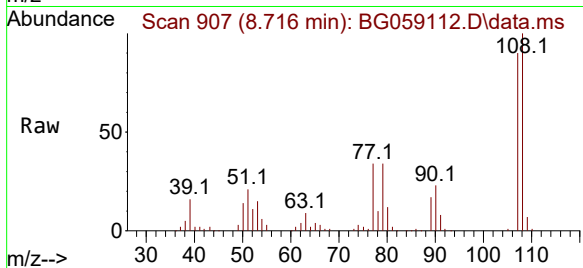




#13
2-Methylphenol
Concen: 43.151 ng/ul
RT: 8.716 min Scan# 906
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

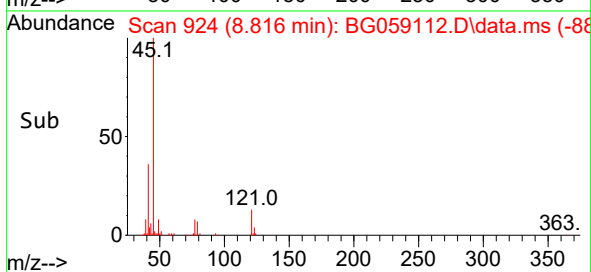
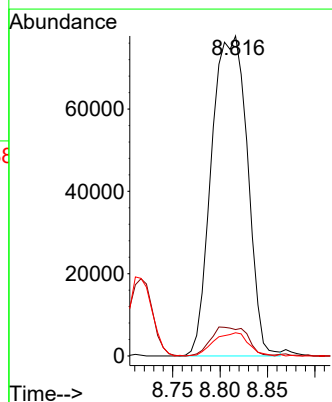
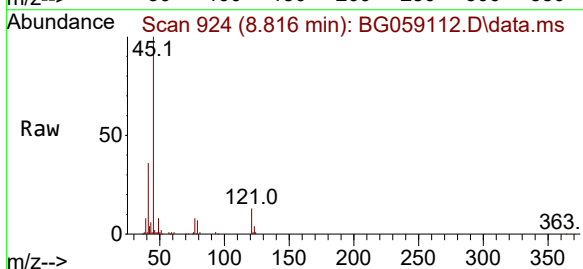
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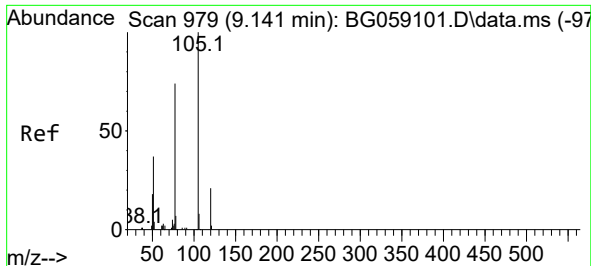
Tgt Ion:108 Resp: 91764
Ion Ratio Lower Upper
108 100
107 90.2 75.1 112.7



#14
2,2'-oxybis(1-Chloropropane)
Concen: 42.753 ng/ul
RT: 8.816 min Scan# 924
Delta R.T. 0.011 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion: 45 Resp: 204213
Ion Ratio Lower Upper
45 100
77 8.2 7.8 11.6
79 7.2 5.6 8.4

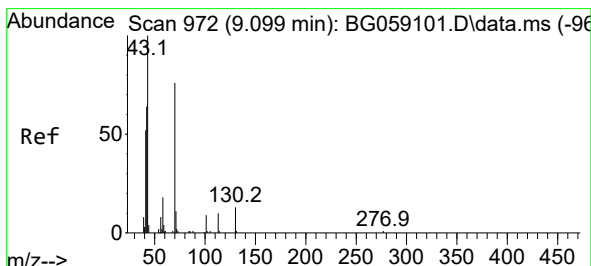
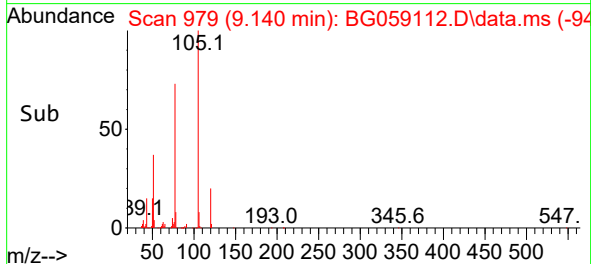
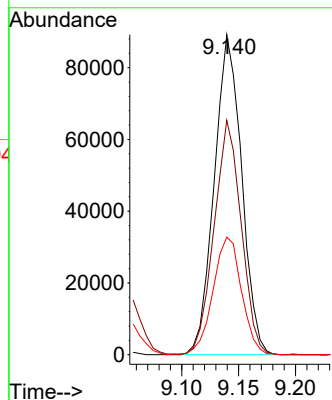
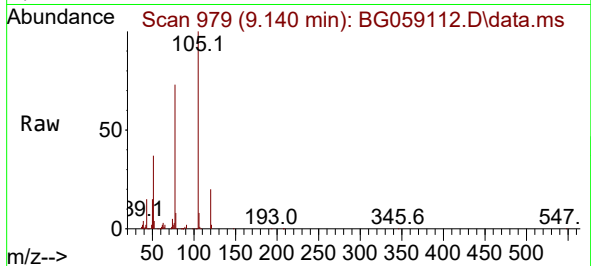




#16
Acetophenone
Concen: 43.747 ng/ul
RT: 9.140 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

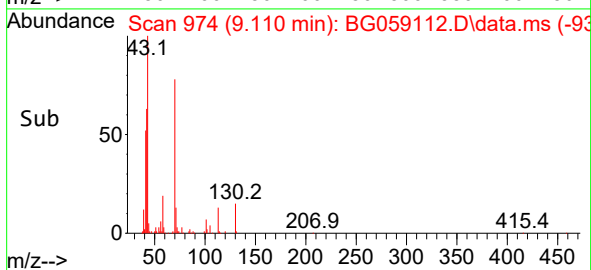
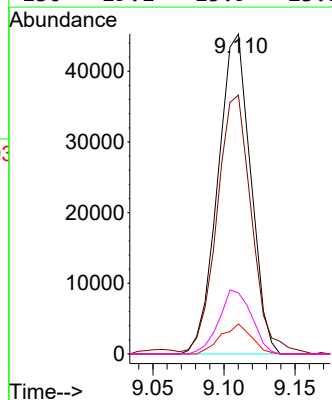
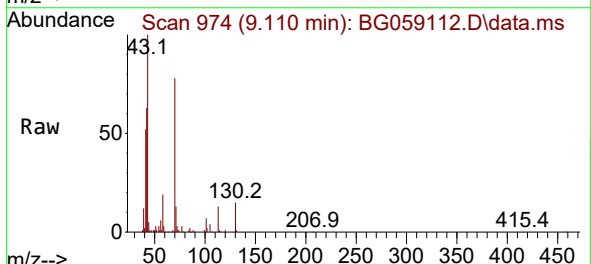
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ClientSampleId :
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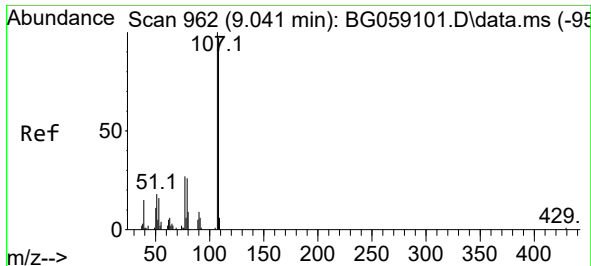
Tgt Ion:105 Resp: 149542
Ion Ratio Lower Upper
105 100
77 73.2 57.2 85.8
51 36.8 31.6 47.4



#17
N-Nitroso-di-n-propylamine
Concen: 41.996 ng/ul
RT: 9.110 min Scan# 974
Delta R.T. 0.011 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion: 70 Resp: 72571
Ion Ratio Lower Upper
70 100
42 80.9 67.1 100.7
101 9.4 7.6 11.4
130 19.1 15.9 23.9

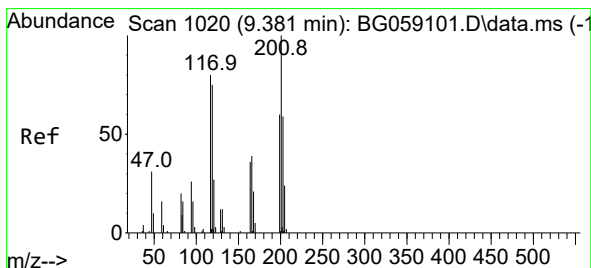
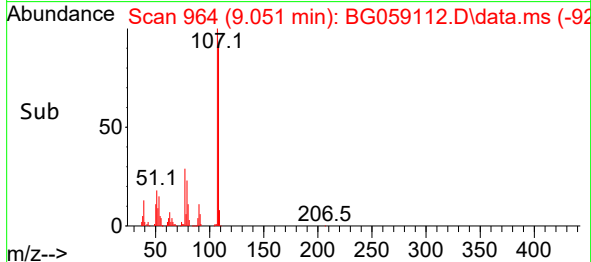
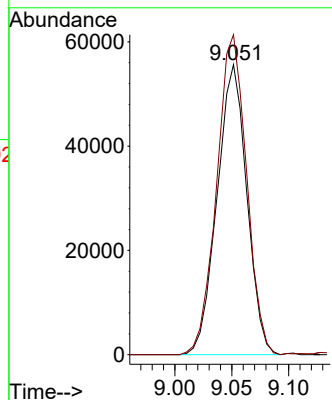
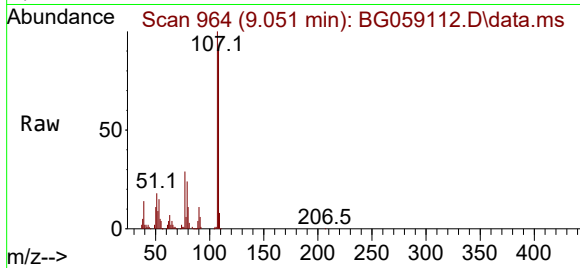




#18
4-Methylphenol
Concen: 44.326 ng/ul
RT: 9.051 min Scan# 901
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

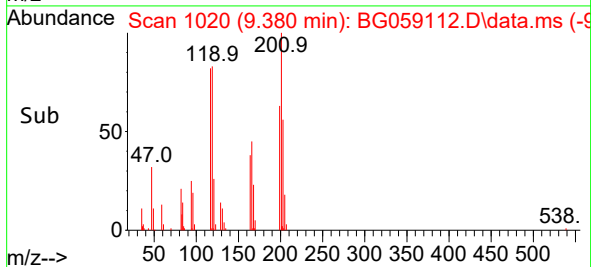
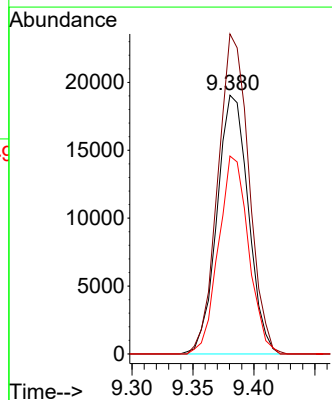
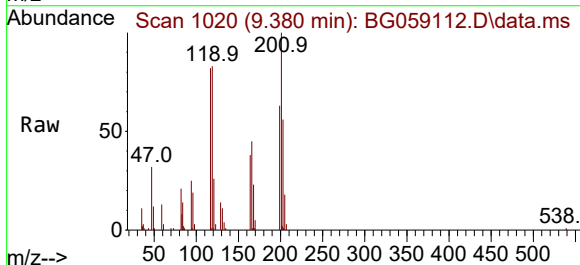
Instrument :
BNA_G
ClientSampleId :
SLCS502

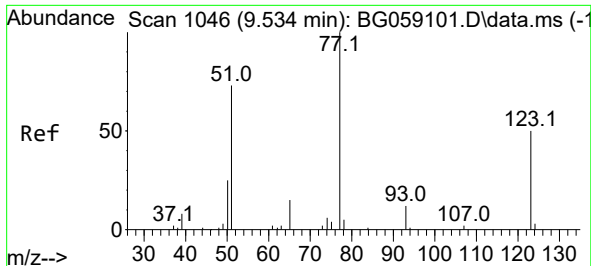
Tgt Ion:108 Resp: 101018
Ion Ratio Lower Upper
108 100
107 110.3 94.4 141.6



#19
Hexachloroethane
Concen: 41.176 ng/ul
RT: 9.380 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:117 Resp: 33982
Ion Ratio Lower Upper
117 100
201 122.6 86.4 129.6
199 75.8 56.2 84.2

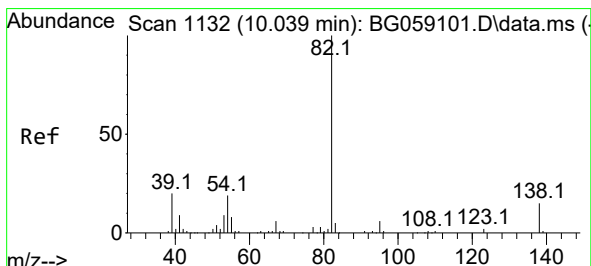
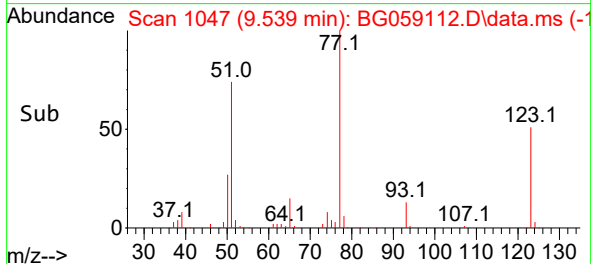
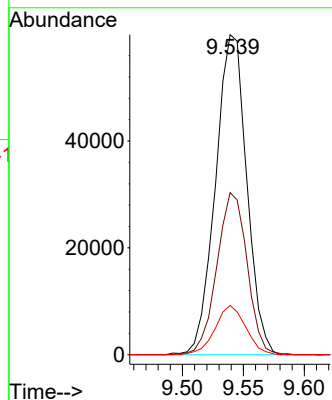
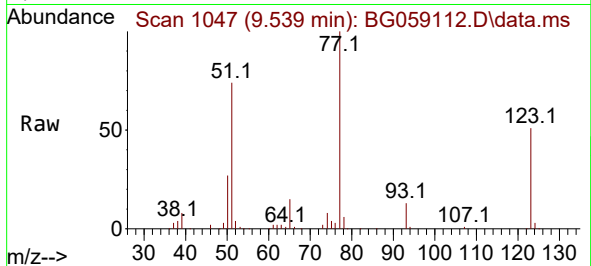




#22
Nitrobenzene
Concen: 43.109 ng/ul
RT: 9.539 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

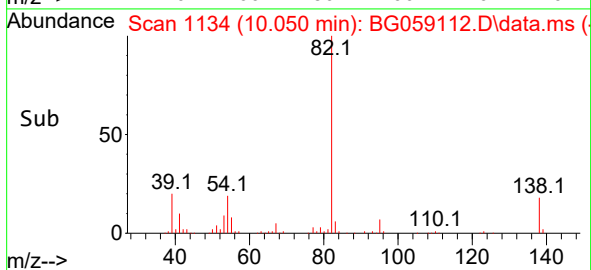
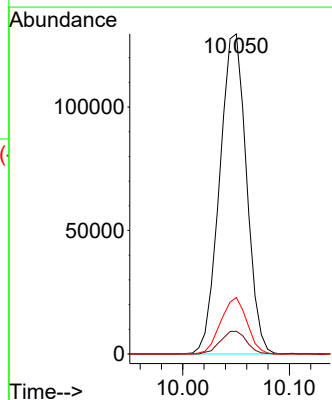
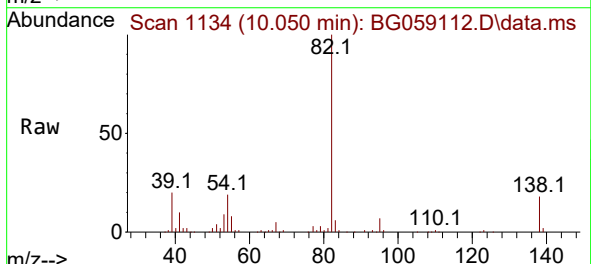
Instrument :
BNA_G
ClientSampleId :
SLCS502

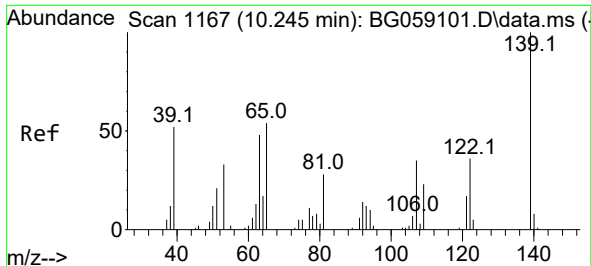
Tgt Ion: 77 Resp: 106773
Ion Ratio Lower Upper
77 100
123 50.7 41.8 62.8
65 15.4 12.3 18.5



#23
Isophorone
Concen: 42.614 ng/ul
RT: 10.050 min Scan# 1134
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion: 82 Resp: 226332
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 17.6 12.7 19.1

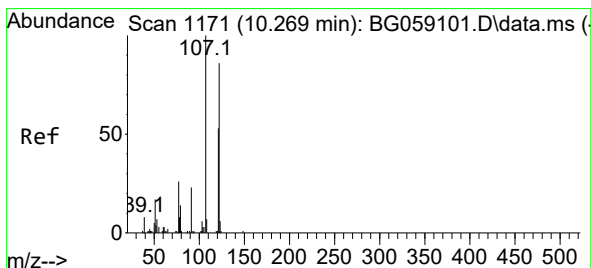
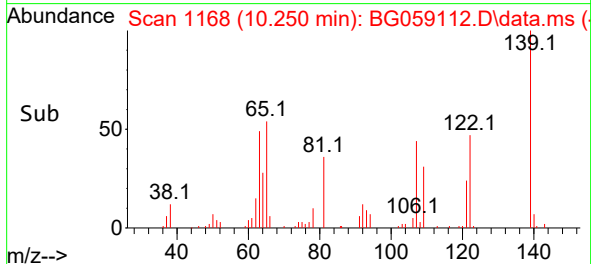
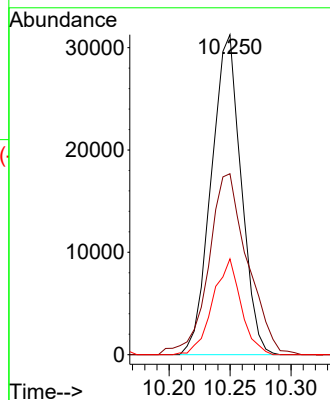
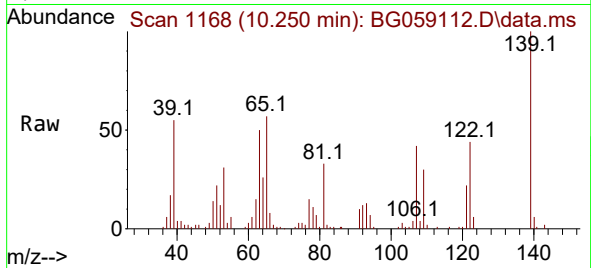




#25
2-Nitrophenol
Concen: 43.155 ng/ul
RT: 10.250 min Scan# 1168
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

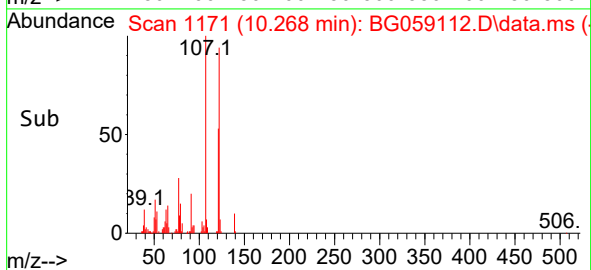
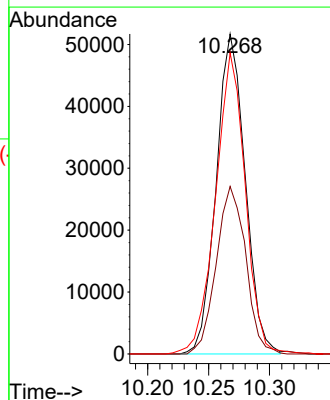
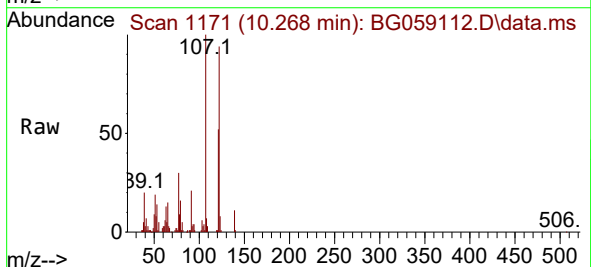
Instrument :
BNA_G
ClientSampleId :
SLCS502

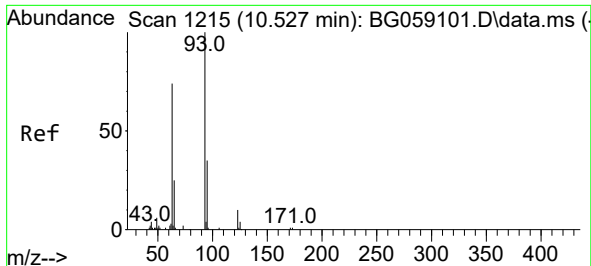
Tgt Ion:139 Resp: 53286
Ion Ratio Lower Upper
139 100
65 56.6 46.4 69.6
109 30.0 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 37.061 ng/ul
RT: 10.268 min Scan# 1171
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:107 Resp: 85558
Ion Ratio Lower Upper
107 100
121 52.3 41.4 62.0
122 94.0 80.6 120.8





#27

Bis(2-Chloroethoxy)methane

Concen: 43.668 ng/ul

RT: 10.532 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

Instrument :

BNA_G

ClientSampleId :

SLCS502

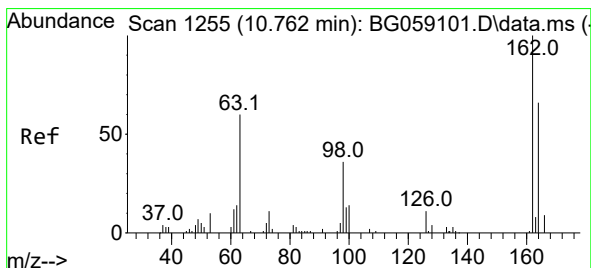
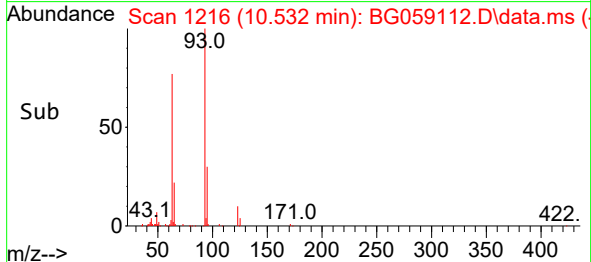
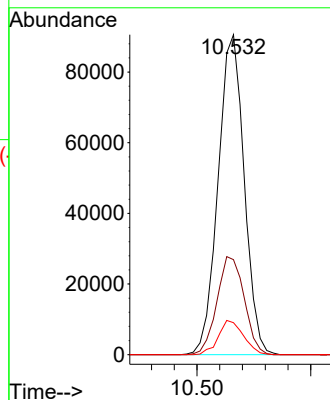
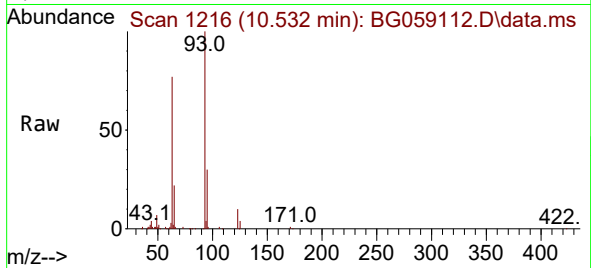
Tgt Ion: 93 Resp: 144291

Ion Ratio Lower Upper

93 100

95 29.7 26.1 39.1

123 10.0 8.7 13.1



#29

2,4-Dichlorophenol

Concen: 43.373 ng/ul

RT: 10.767 min Scan# 1256

Delta R.T. -0.001 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

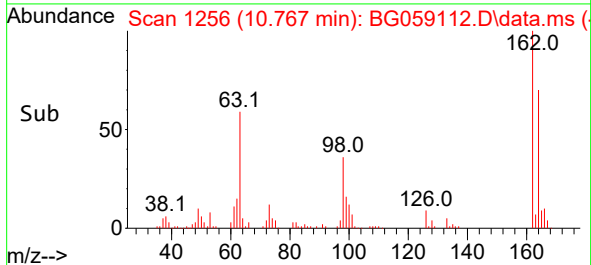
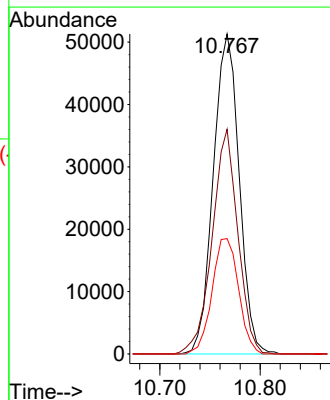
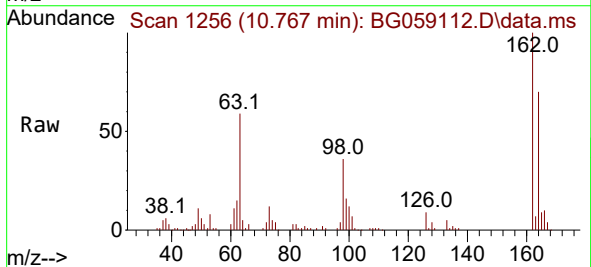
Tgt Ion:162 Resp: 91971

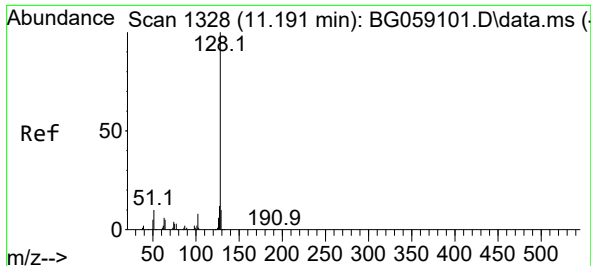
Ion Ratio Lower Upper

162 100

164 70.2 49.8 74.8

98 36.0 25.9 38.9

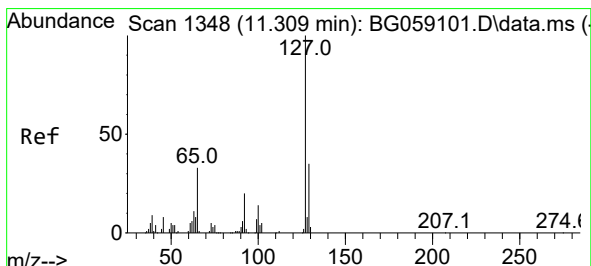
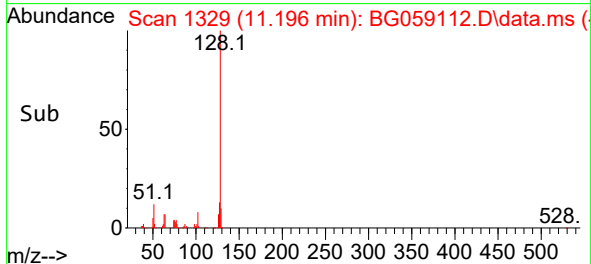
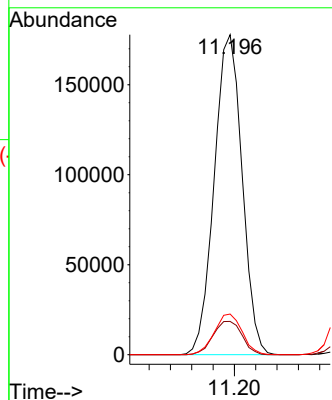
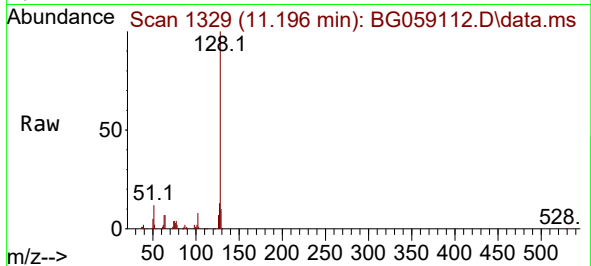




#30
Naphthalene
Concen: 42.499 ng/ul
RT: 11.196 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

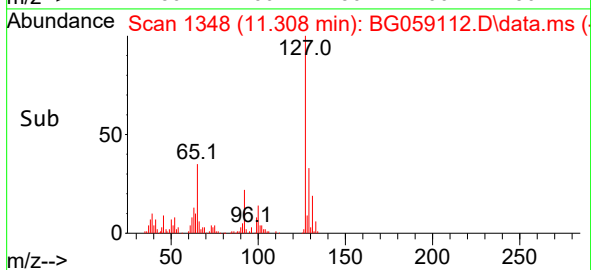
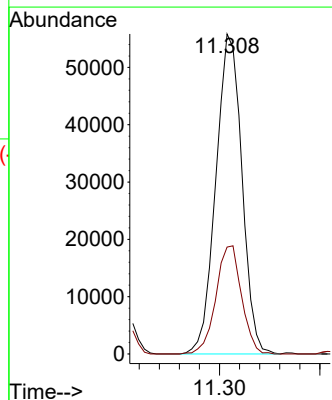
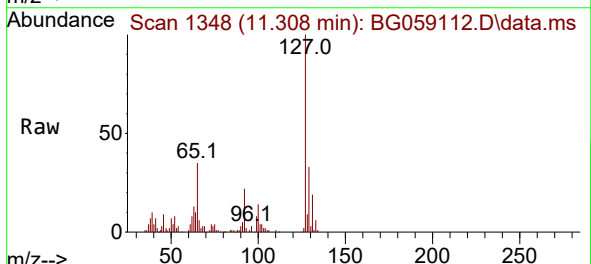
Instrument :
BNA_G
ClientSampleId :
SLCS502

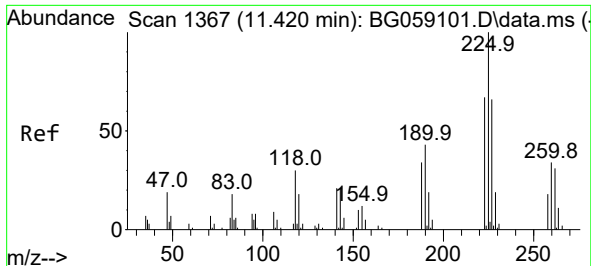
Tgt Ion:128 Resp: 322347
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 12.7 10.2 15.4



#32
4-Chloroaniline
Concen: 31.179 ng/ul
RT: 11.308 min Scan# 1348
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:127 Resp: 100483
Ion Ratio Lower Upper
127 100
129 33.4 27.2 40.8

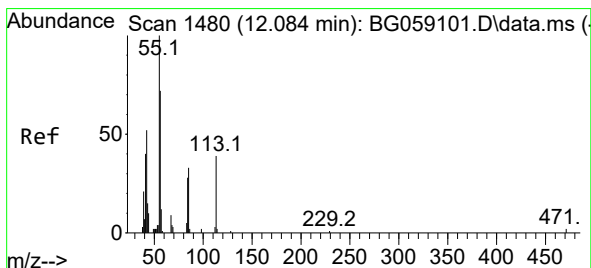
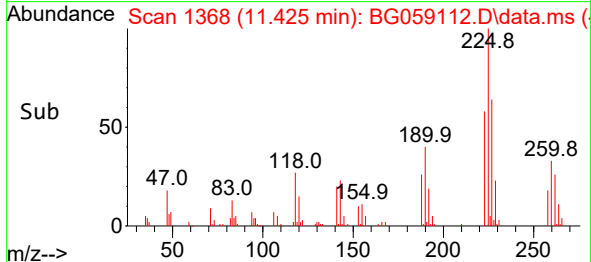
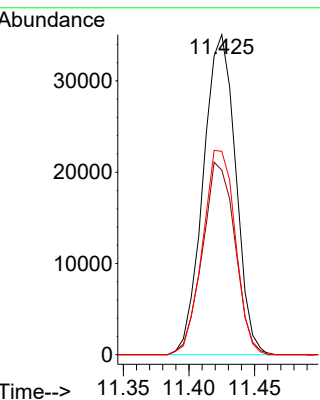
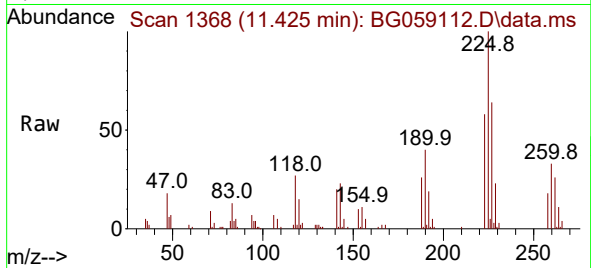




#33
Hexachlorobutadiene
Concen: 44.141 ng/ul
RT: 11.425 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

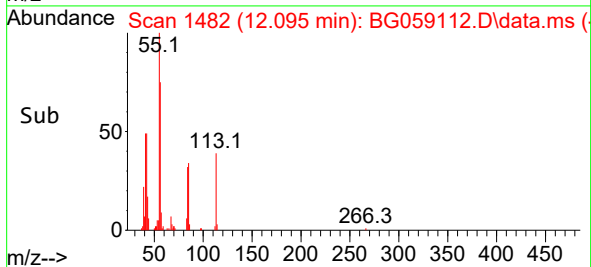
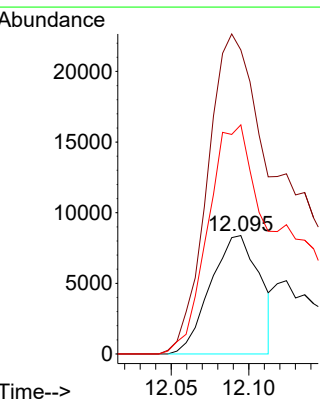
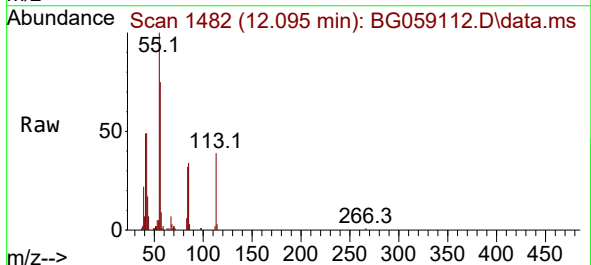
Instrument :
BNA_G
ClientSampleId :
SLCS502

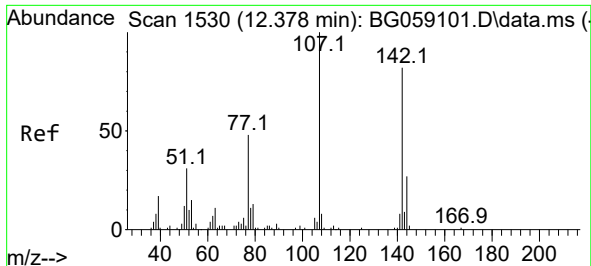
Tgt Ion:225 Resp: 60244
Ion Ratio Lower Upper
225 100
223 57.6 39.0 58.4
227 63.5 45.7 68.5



#34
Caprolactam
Concen: 23.809 ng/ul
RT: 12.095 min Scan# 1482
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:113 Resp: 18489
Ion Ratio Lower Upper
113 100
55 256.6 157.6 236.4#
56 193.5 112.3 168.5#

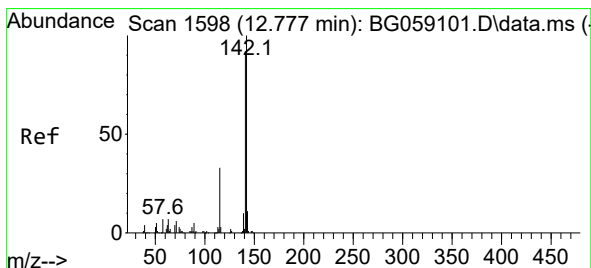
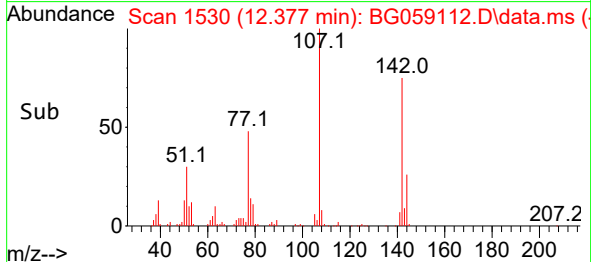
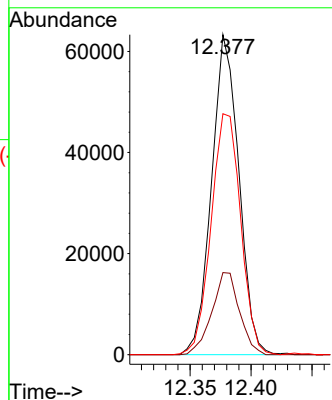
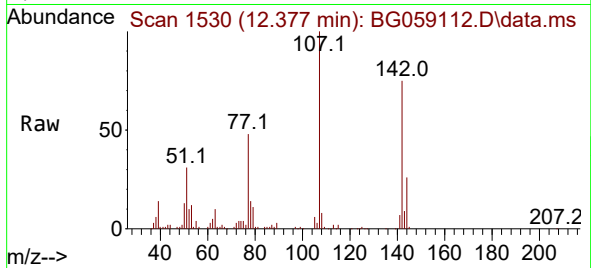




#35
 4-Chloro-3-methylphenol
 Concen: 44.171 ng/ul
 RT: 12.377 min Scan# 1530
 Delta R.T. -0.001 min
 Lab File: BG059112.D
 Acq: 20 Sep 2023 16:46

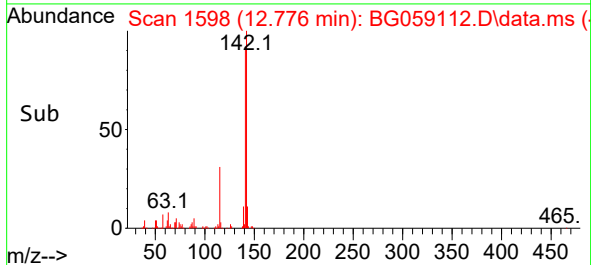
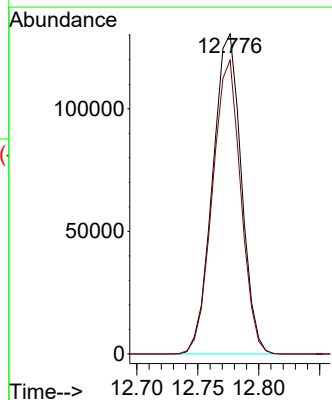
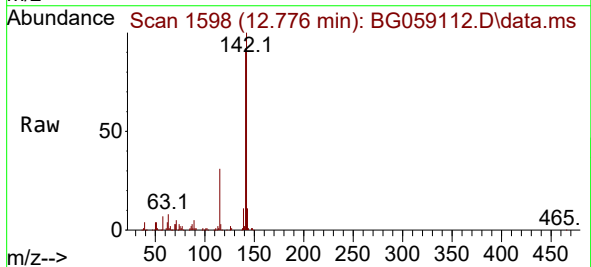
Instrument :
 BNA_G
 ClientSampleId :
 SLCS502

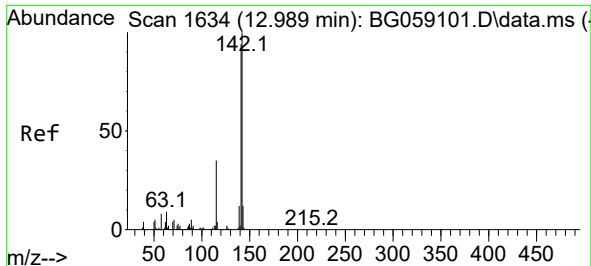
Tgt Ion:107 Resp: 98658
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.1 30.1
 142 75.3 62.7 94.1



#36
 2-Methylnaphthalene
 Concen: 42.127 ng/ul
 RT: 12.776 min Scan# 1598
 Delta R.T. -0.001 min
 Lab File: BG059112.D
 Acq: 20 Sep 2023 16:46

Tgt Ion:142 Resp: 213403
 Ion Ratio Lower Upper
 142 100
 141 91.8 70.6 106.0





#37

1-Methylnaphthalene

Concen: 40.551 ng/ul

RT: 12.994 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

Instrument :

BNA_G

ClientSampleId :

SLCS502

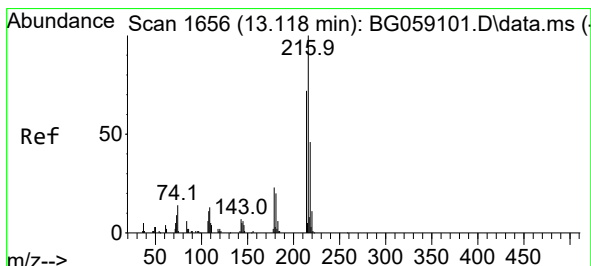
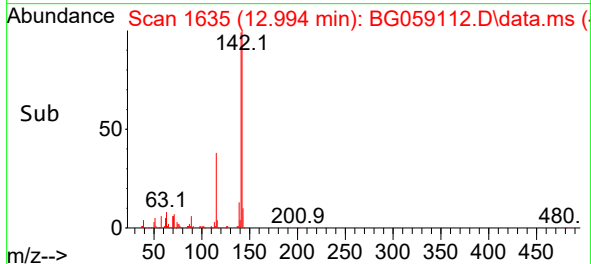
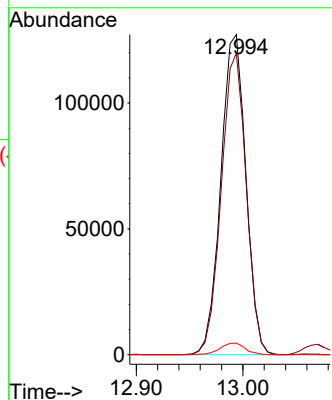
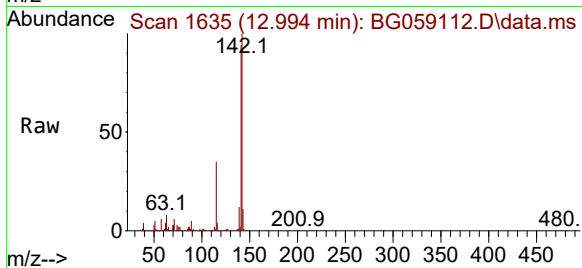
Tgt Ion:142 Resp: 207509

Ion Ratio Lower Upper

142 100

141 94.3 72.0 108.0

116 3.6 2.7 4.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.910 ng/ul

RT: 13.117 min Scan# 1656

Delta R.T. -0.001 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

Tgt Ion:216 Resp: 111742

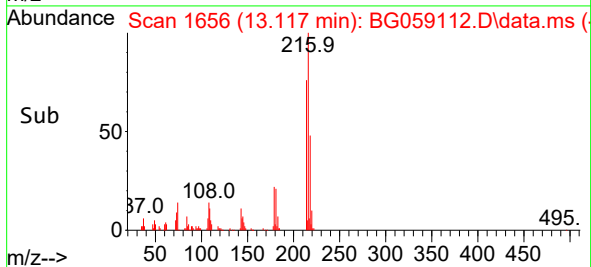
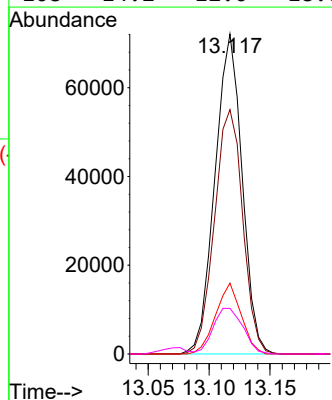
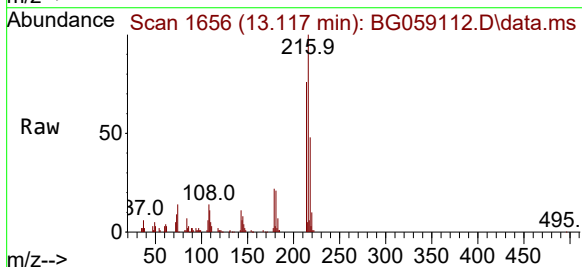
Ion Ratio Lower Upper

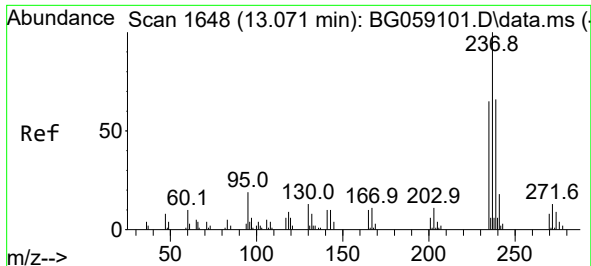
216 100

214 76.4 62.6 94.0

179 22.1 16.0 24.0

108 14.2 12.0 18.0

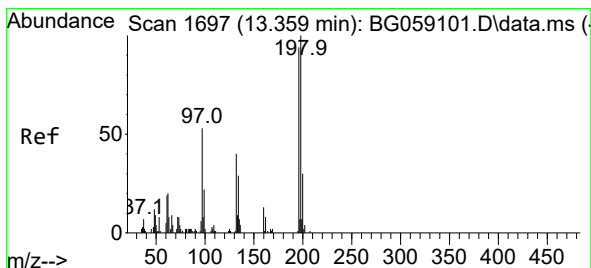
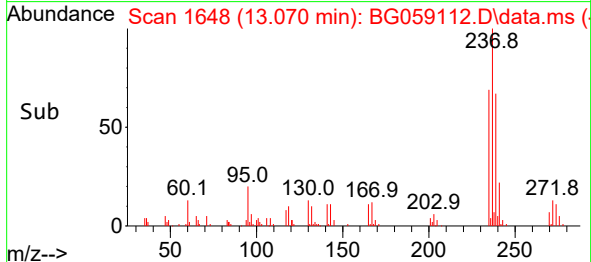
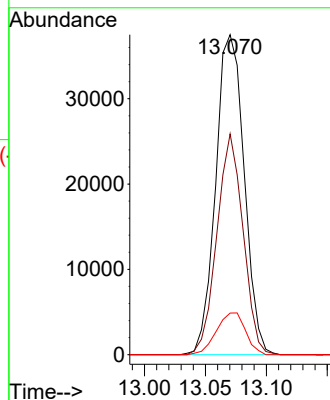
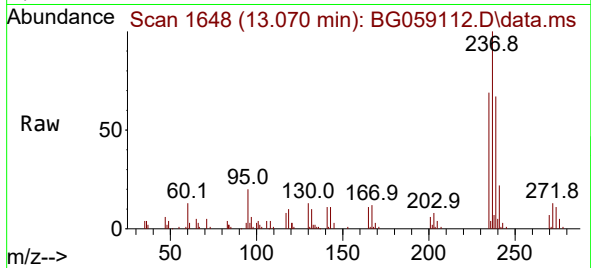




#40
Hexachlorocyclopentadiene
Concen: 35.884 ng/ul
RT: 13.070 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

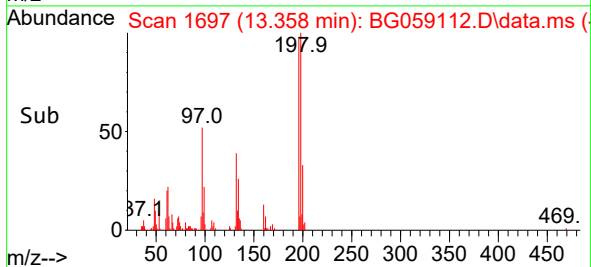
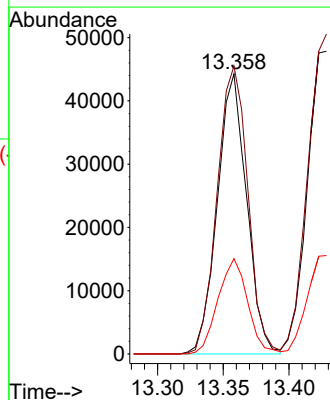
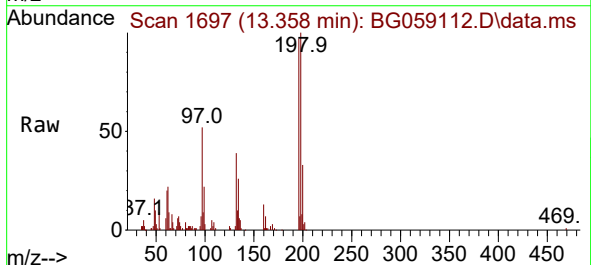
Instrument :
BNA_G
ClientSampleId :
SLCS502

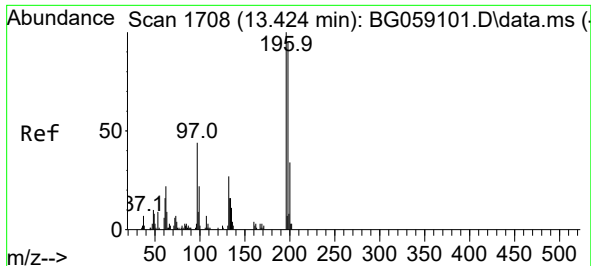
Tgt Ion:237 Resp: 60996
Ion Ratio Lower Upper
237 100
235 69.0 51.6 77.4
272 13.0 10.6 15.8



#41
2,4,6-Trichlorophenol
Concen: 39.530 ng/ul
RT: 13.358 min Scan# 1697
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:196 Resp: 68826
Ion Ratio Lower Upper
196 100
198 102.8 78.5 117.7
200 34.1 24.4 36.6

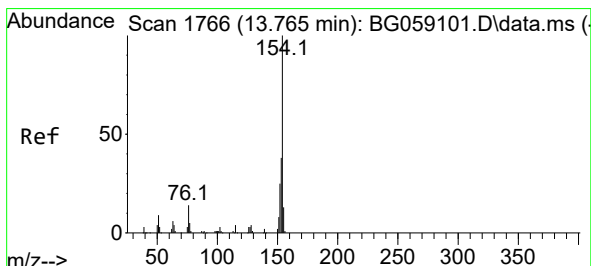
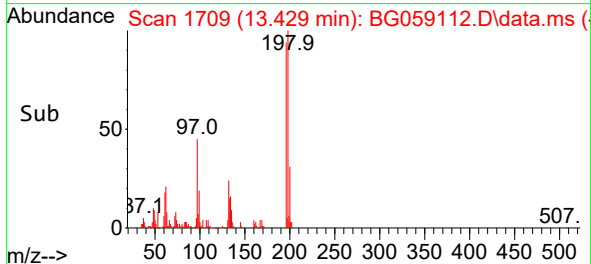
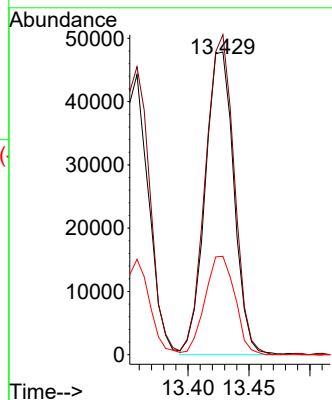
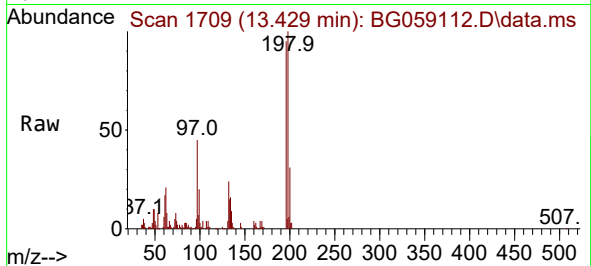




#42
2,4,5-Trichlorophenol
Concen: 41.806 ng/ul
RT: 13.429 min Scan# 1708
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

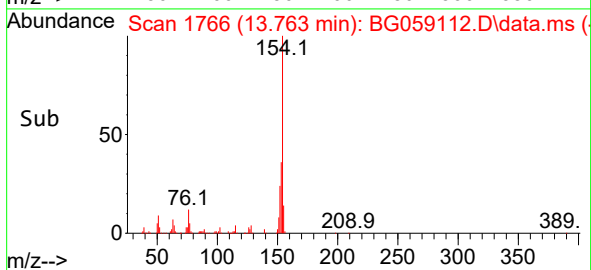
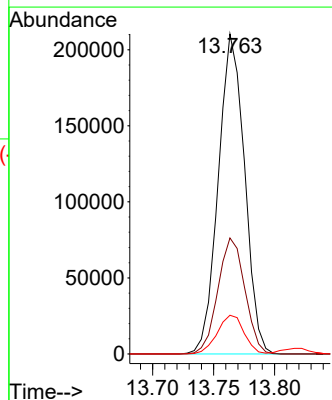
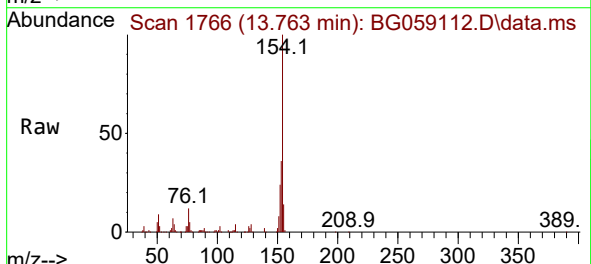
Instrument :
BNA_G
ClientSampleId :
SLCS502

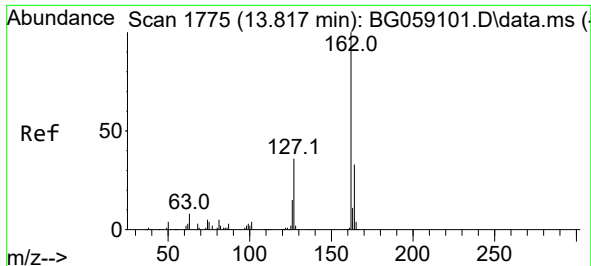
Tgt Ion:196 Resp: 78734
Ion Ratio Lower Upper
196 100
198 105.7 81.0 121.6
200 32.5 27.1 40.7



#43
1,1'-Biphenyl
Concen: 43.456 ng/ul
RT: 13.763 min Scan# 1766
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:154 Resp: 315459
Ion Ratio Lower Upper
154 100
153 36.2 33.2 49.8
76 12.1 9.8 14.8

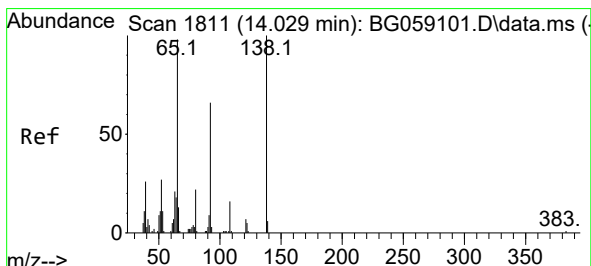
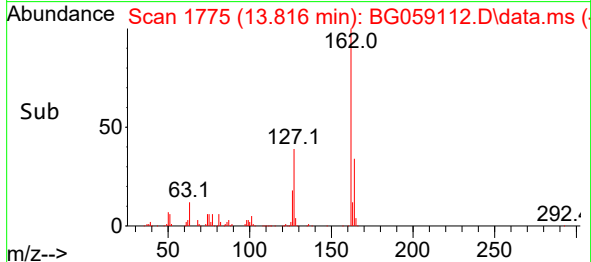
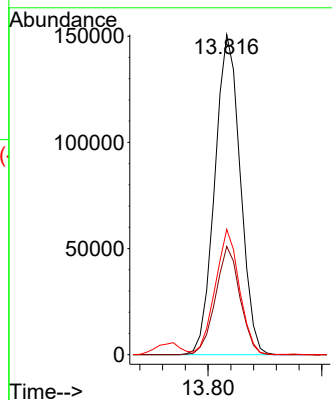
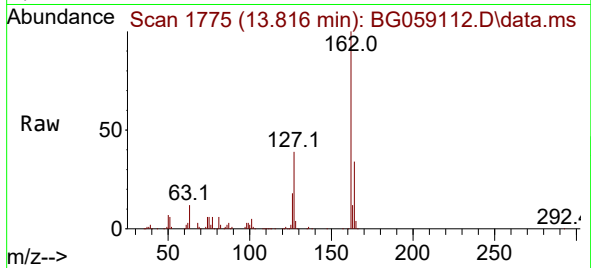




#44
2-Chloronaphthalene
Concen: 42.285 ng/ul
RT: 13.816 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

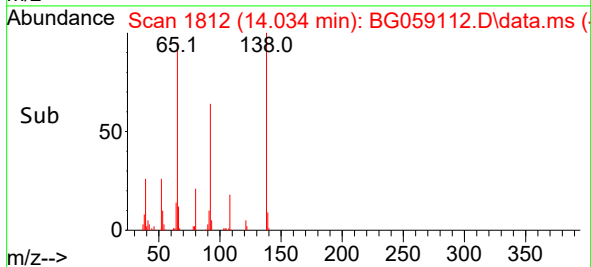
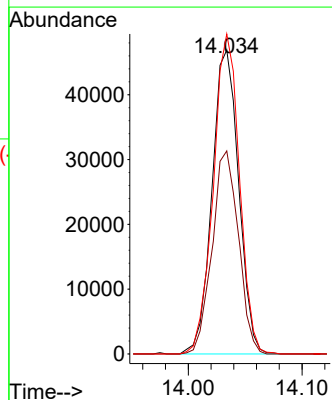
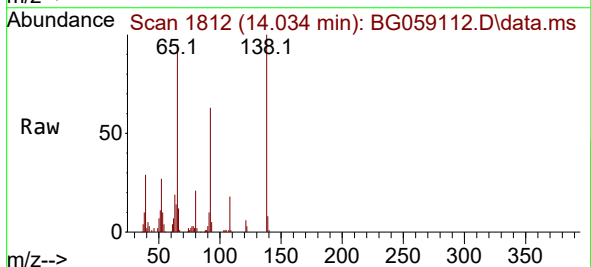
Instrument :
BNA_G
ClientSampleId :
SLCS502

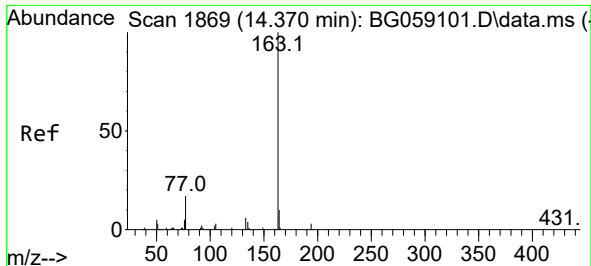
Tgt Ion:162 Resp: 234381
Ion Ratio Lower Upper
162 100
164 33.8 27.2 40.8
127 39.2 27.4 41.2



#45
2-Nitroaniline
Concen: 43.465 ng/ul
RT: 14.034 min Scan# 1812
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion: 65 Resp: 76369
Ion Ratio Lower Upper
65 100
92 66.8 53.6 80.4
138 105.3 79.8 119.6

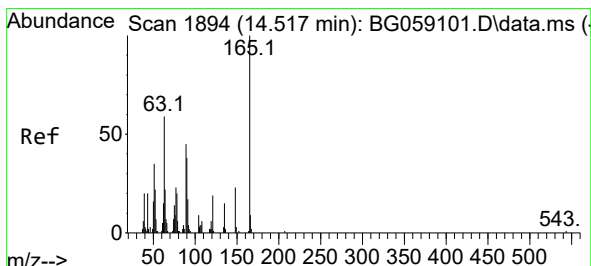
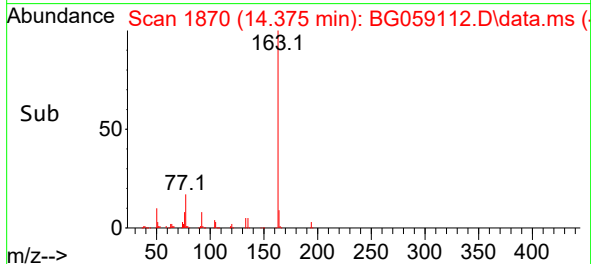
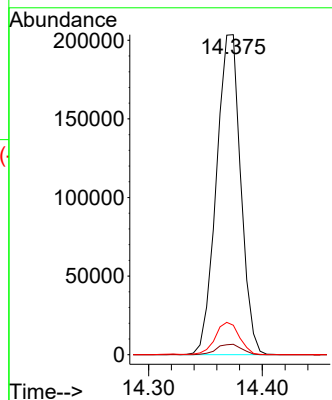
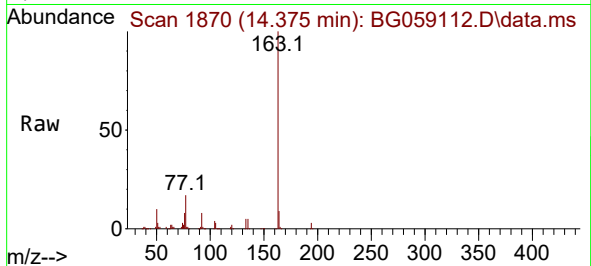




#47
Dimethylphthalate
Concen: 42.439 ng/ul
RT: 14.375 min Scan# 1869
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

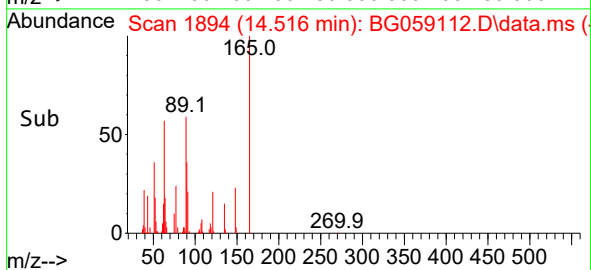
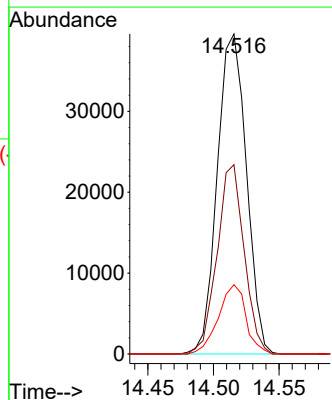
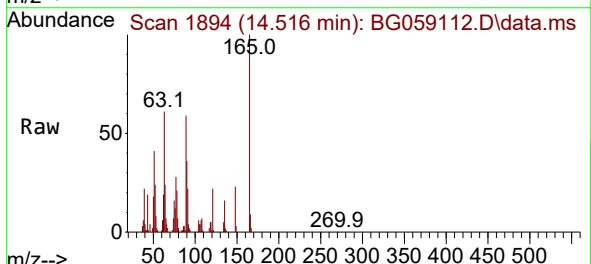
Instrument :
BNA_G
ClientSampleId :
SLCS502

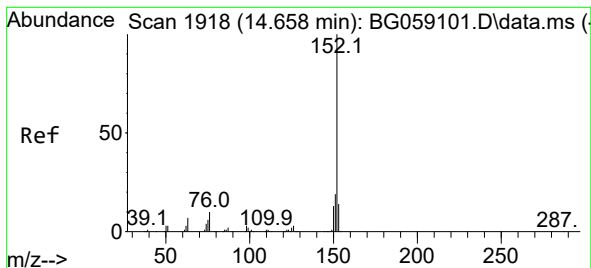
Tgt Ion:163 Resp: 303188
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.2 7.6 11.4



#48
2,6-Dinitrotoluene
Concen: 46.269 ng/ul
RT: 14.516 min Scan# 1894
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:165 Resp: 61082
Ion Ratio Lower Upper
165 100
89 59.2 38.7 58.1#
121 21.7 13.4 20.0#





#50

Acenaphthylene

Concen: 39.455 ng/ul

RT: 14.662 min Scan# 1918

Delta R.T. 0.005 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

Instrument :

BNA_G

ClientSampleId :

SLCS502

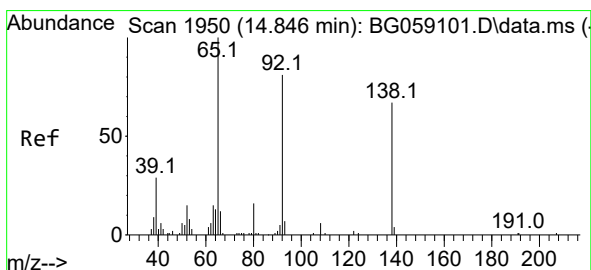
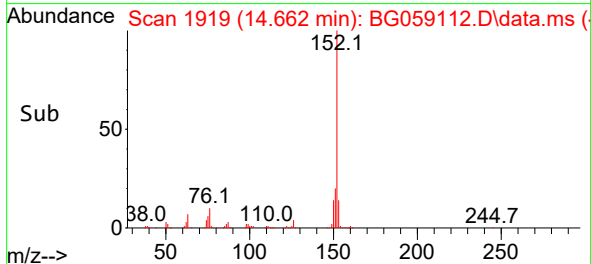
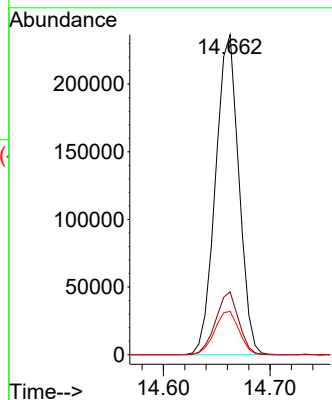
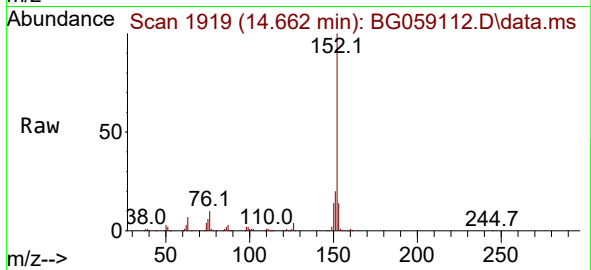
Tgt Ion:152 Resp: 358915

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.5 11.3 16.9



#51

3-Nitroaniline

Concen: 43.668 ng/ul

RT: 14.850 min Scan# 1951

Delta R.T. -0.001 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

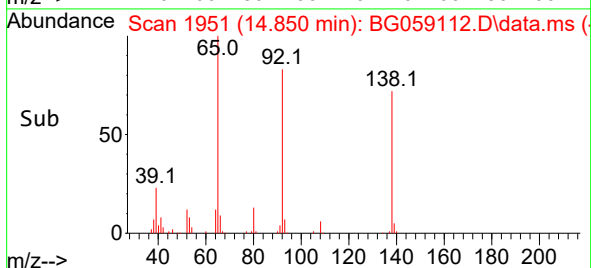
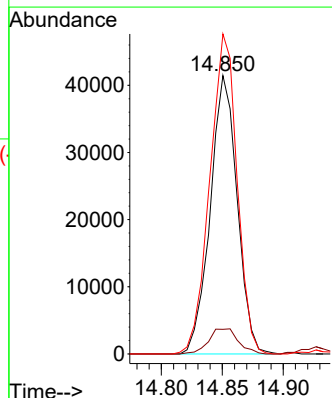
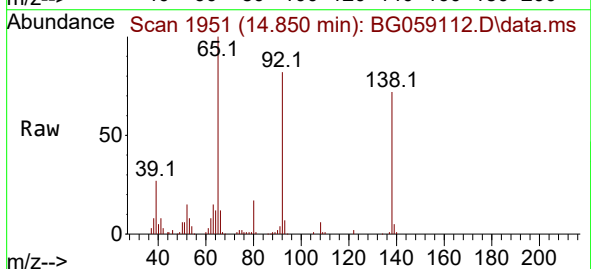
Tgt Ion:138 Resp: 63608

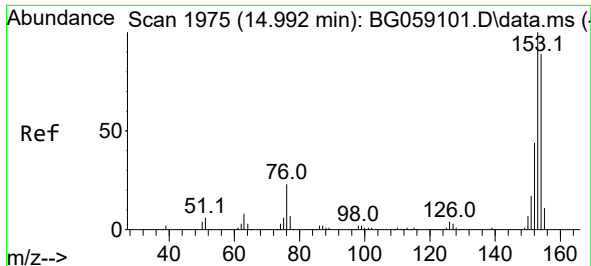
Ion Ratio Lower Upper

138 100

108 8.9 7.4 11.2

92 115.0 93.4 140.0

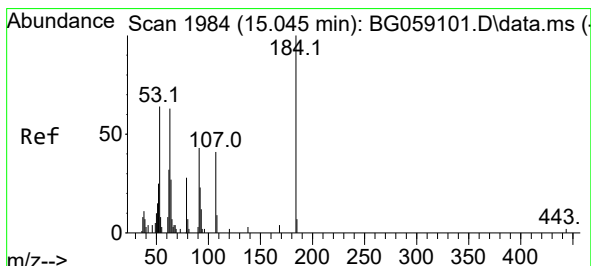
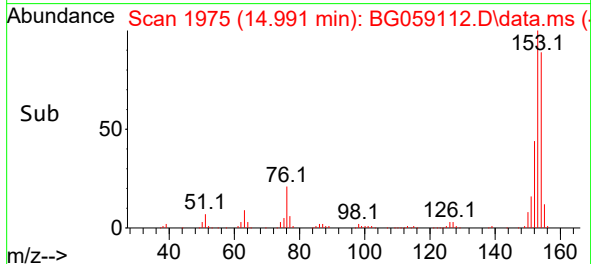
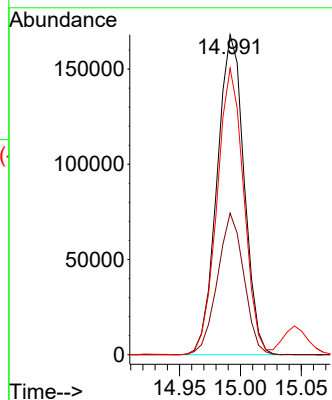
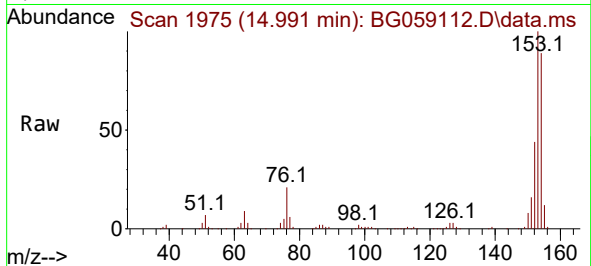




#52
Acenaphthene
Concen: 41.995 ng/ul
RT: 14.991 min Scan# 1975
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

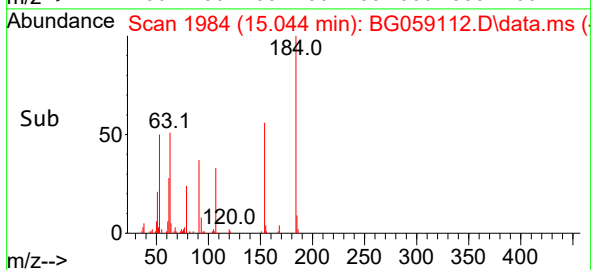
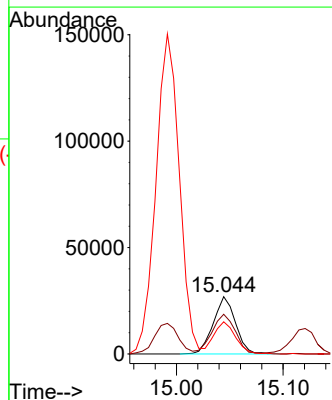
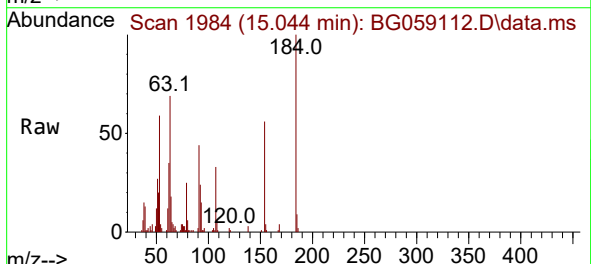
Instrument :
BNA_G
ClientSampleId :
SLCS502

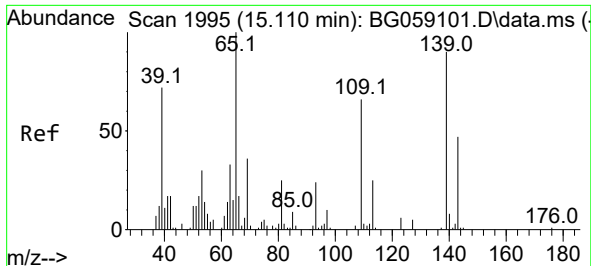
Tgt Ion:153 Resp: 259060
Ion Ratio Lower Upper
153 100
152 44.2 36.0 54.0
154 89.5 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 49.015 ng/ul
RT: 15.044 min Scan# 1984
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:184 Resp: 38989
Ion Ratio Lower Upper
184 100
63 69.2 53.5 80.3
154 56.1 54.6 81.8

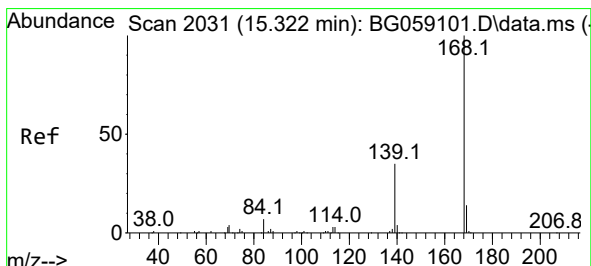
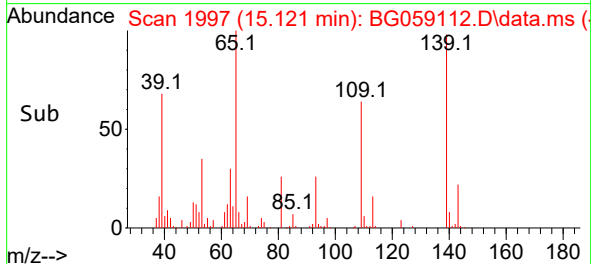
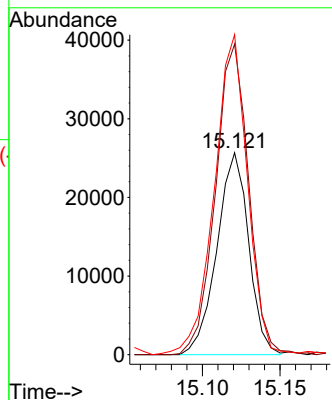
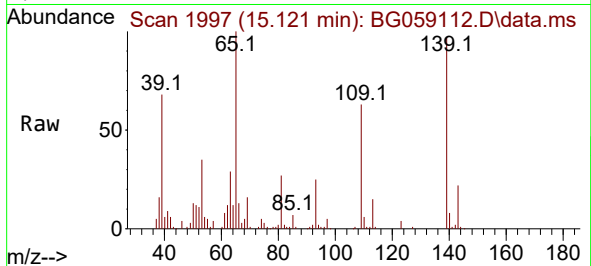




#55
4-Nitrophenol
Concen: 43.321 ng/ul
RT: 15.121 min Scan# 1997
Delta R.T. 0.011 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

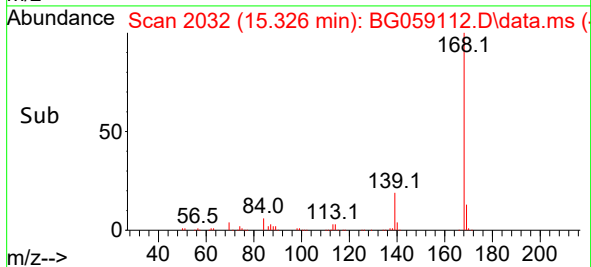
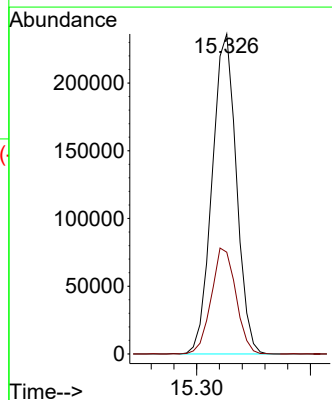
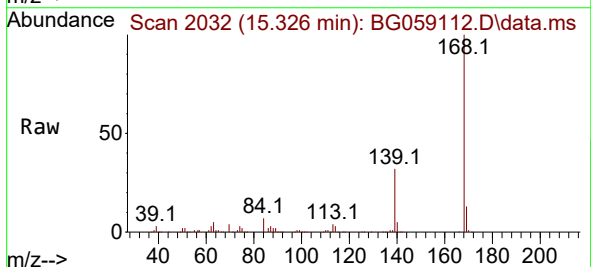
Instrument :
BNA_G
ClientSampleId :
SLCS502

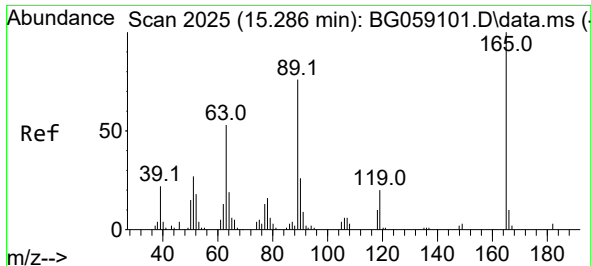
Tgt Ion:109 Resp: 36536
Ion Ratio Lower Upper
109 100
139 153.9 114.5 171.7
65 158.5 132.1 198.1



#56
Dibenzofuran
Concen: 42.675 ng/ul
RT: 15.326 min Scan# 2032
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:168 Resp: 349179
Ion Ratio Lower Upper
168 100
139 31.8 26.3 39.5





#57

2,4-Dinitrotoluene

Concen: 45.038 ng/ul

RT: 15.291 min Scan# 20

Delta R.T. 0.005 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

Instrument :

BNA_G

ClientSampleId :

SLCS502

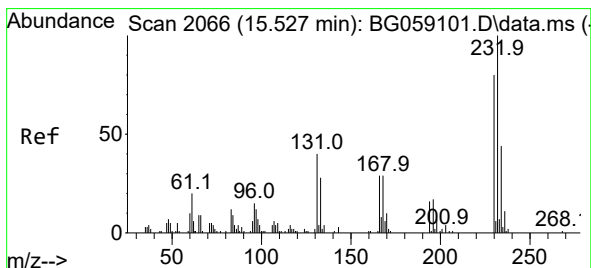
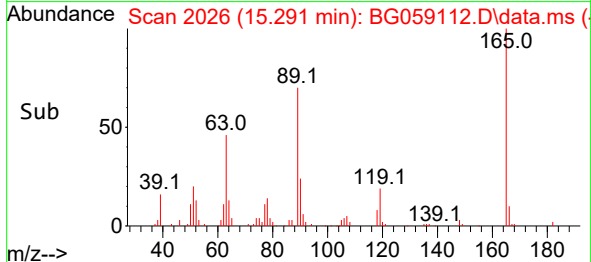
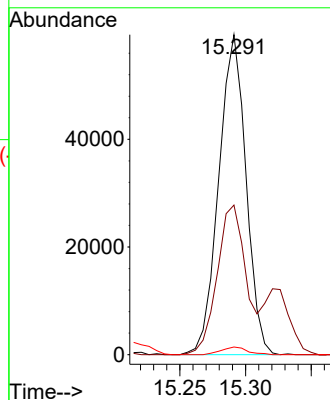
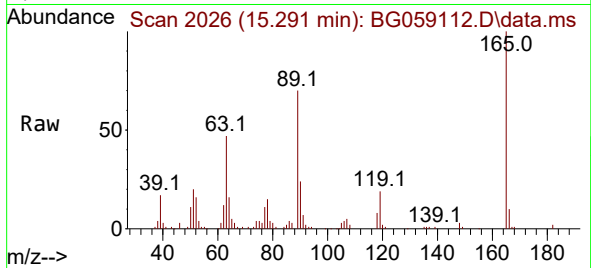
Tgt Ion:165 Resp: 85719

Ion Ratio Lower Upper

165 100

63 46.7 40.0 60.0

182 2.4 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.107 ng/ul

RT: 15.532 min Scan# 2067

Delta R.T. -0.001 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

Tgt Ion:232 Resp: 62944

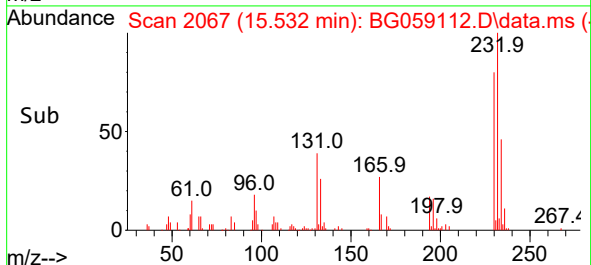
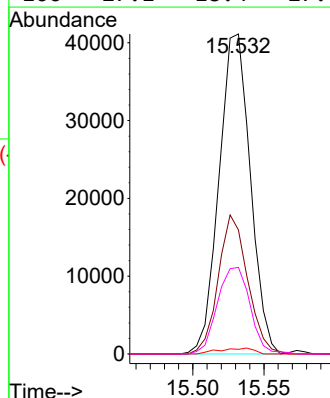
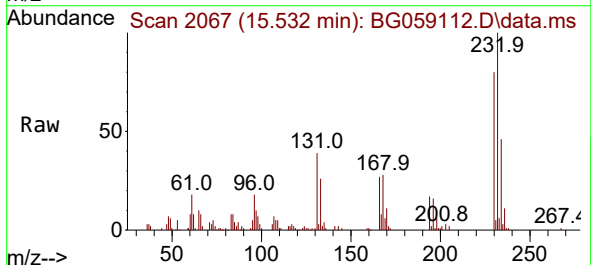
Ion Ratio Lower Upper

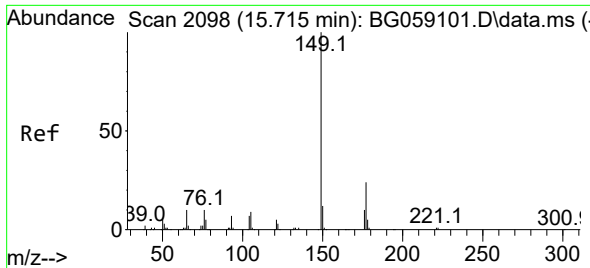
232 100

131 38.8 25.8 38.8

130 1.5 1.8 2.6#

166 27.1 18.4 27.6

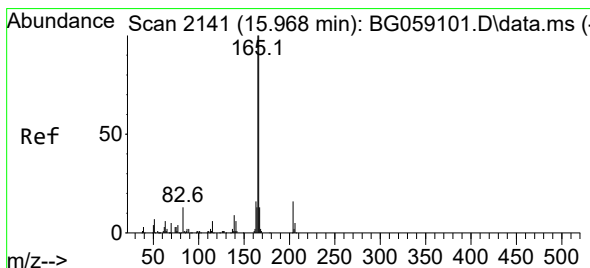
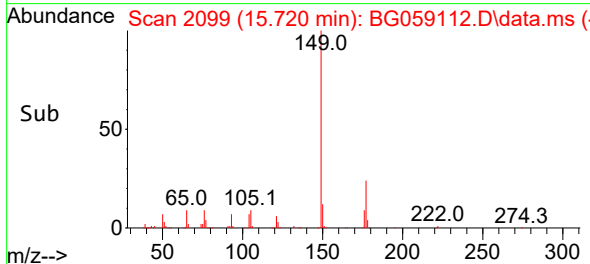
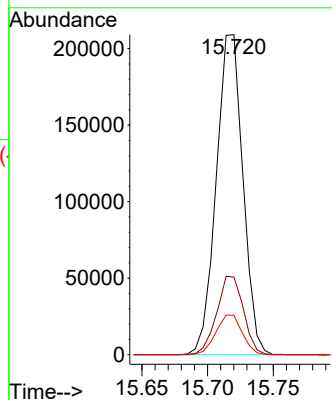
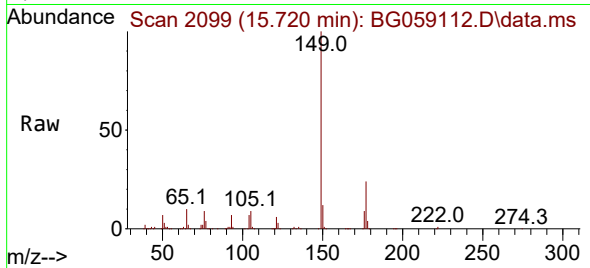




#59
Diethylphthalate
Concen: 42.006 ng/ul
RT: 15.720 min Scan# 2099
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

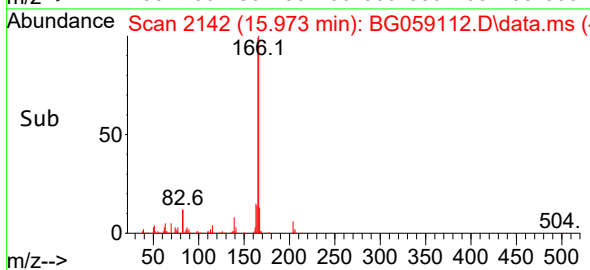
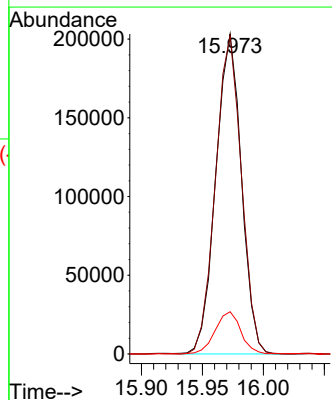
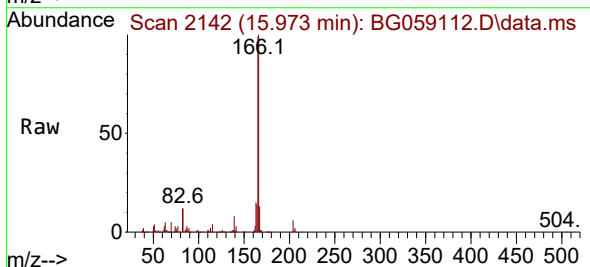
Instrument :
BNA_G
ClientSampleId :
SLCS502

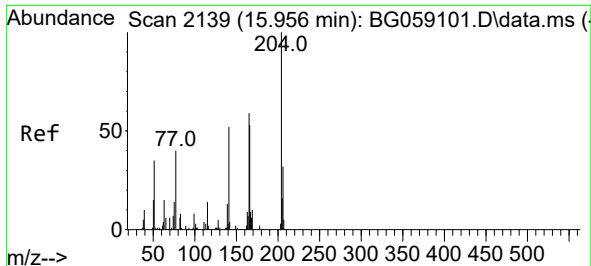
Tgt Ion:149 Resp: 295706
Ion Ratio Lower Upper
149 100
177 24.3 19.4 29.2
150 12.3 9.8 14.8



#61
Fluorene
Concen: 42.460 ng/ul
RT: 15.973 min Scan# 2142
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:166 Resp: 296648
Ion Ratio Lower Upper
166 100
165 99.4 81.6 122.4
167 13.2 12.1 18.1

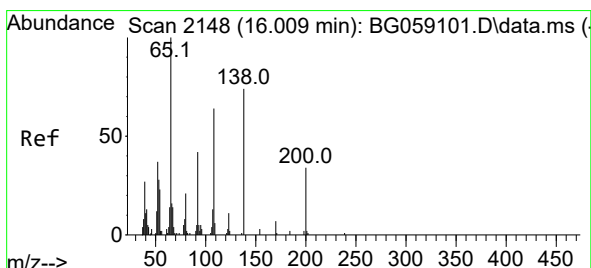
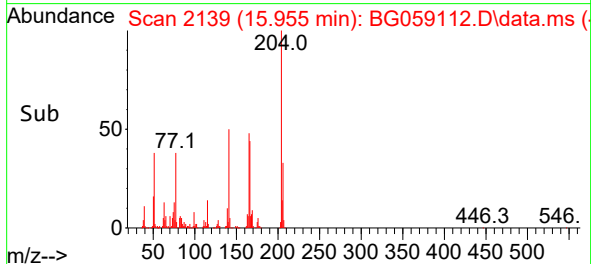
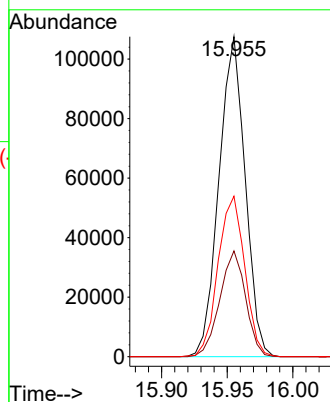
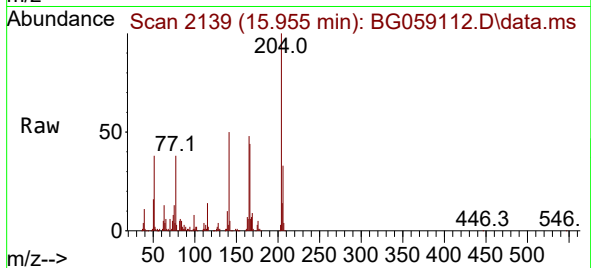




#62
4-Chlorophenyl-phenylether
Concen: 42.995 ng/ul
RT: 15.955 min Scan# 2139
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

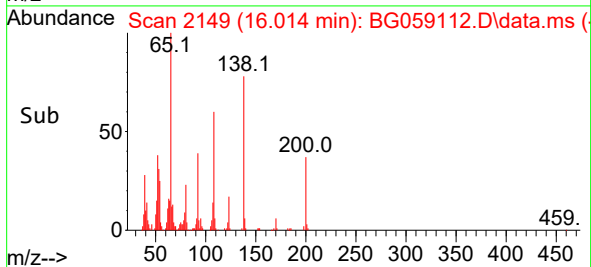
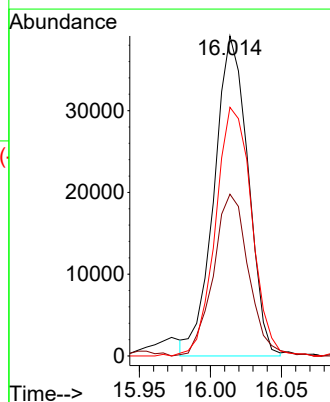
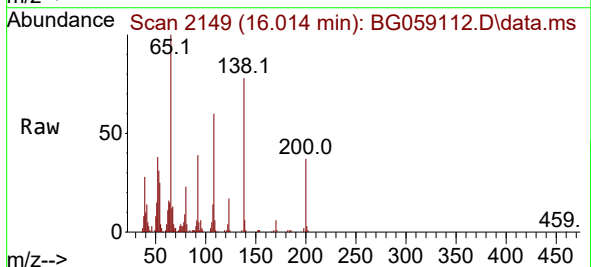
Instrument :
BNA_G
ClientSampleId :
SLCS502

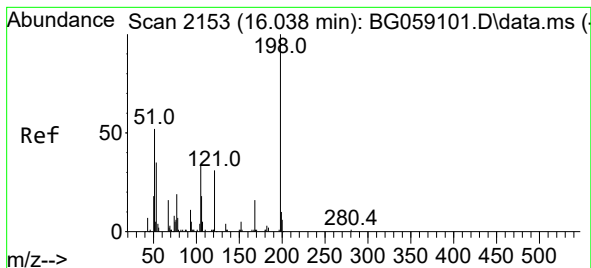
Tgt Ion:204 Resp: 149087
Ion Ratio Lower Upper
204 100
206 33.0 28.2 42.2
141 50.2 43.4 65.0



#63
4-Nitroaniline
Concen: 48.024 ng/ul
RT: 16.014 min Scan# 2149
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:138 Resp: 64845
Ion Ratio Lower Upper
138 100
92 50.5 39.0 58.6
108 77.7 53.5 80.3

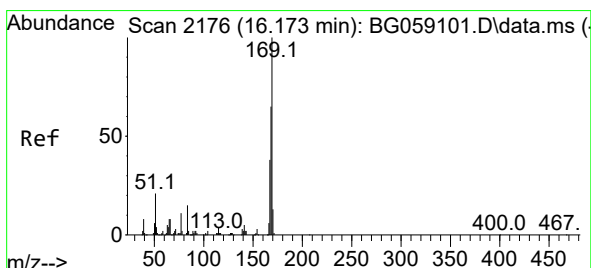
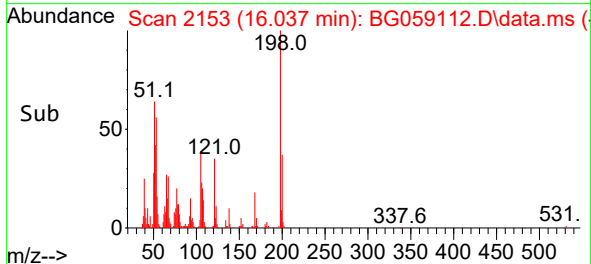
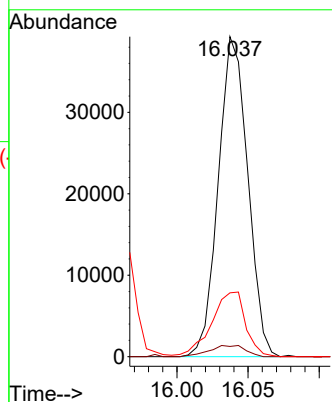
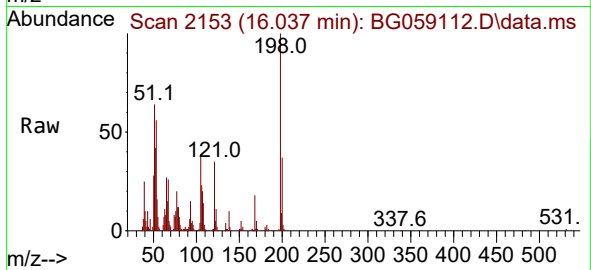




#66
4,6-Dinitro-2-methylphenol
Concen: 45.203 ng/ul
RT: 16.037 min Scan# 2153
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

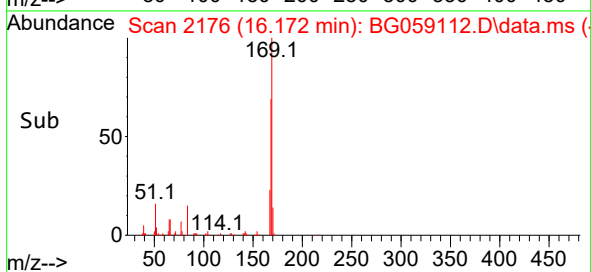
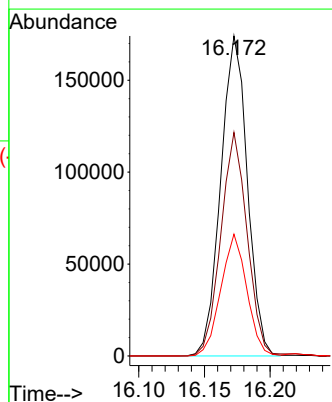
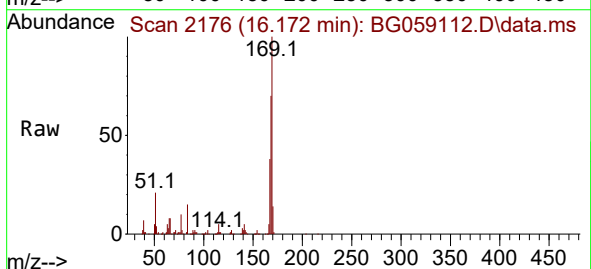
Instrument :
BNA_G
ClientSampleId :
SLCS502

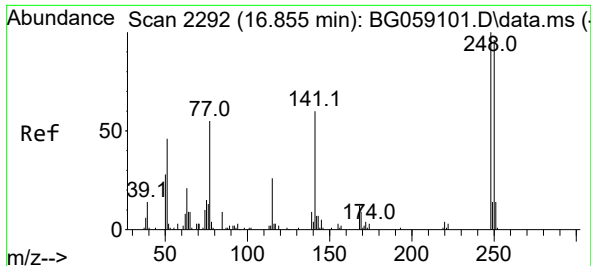
Tgt Ion:198 Resp: 56574
Ion Ratio Lower Upper
198 100
182 3.2 3.5 5.3#
77 19.9 17.3 25.9



#67
N-Nitrosodiphenylamine
Concen: 45.134 ng/ul
RT: 16.172 min Scan# 2176
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:169 Resp: 245429
Ion Ratio Lower Upper
169 100
168 69.9 52.1 78.1
167 38.0 30.5 45.7

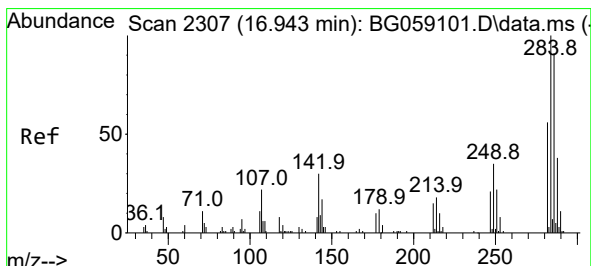
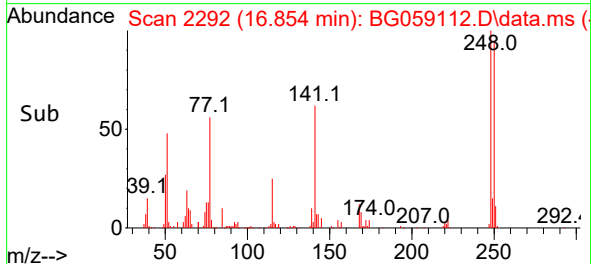
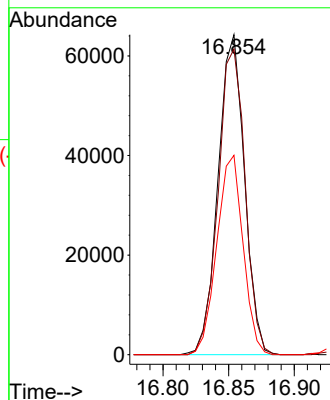
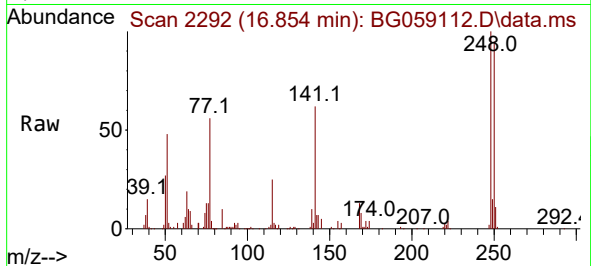




#68
4-Bromophenyl-phenylether
Concen: 45.285 ng/ul
RT: 16.854 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

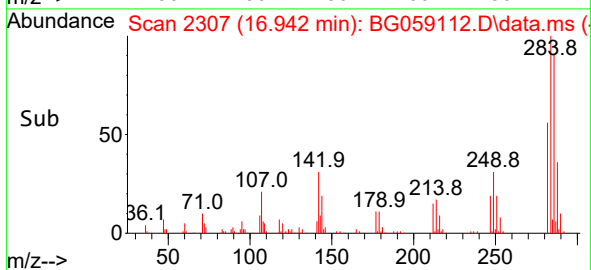
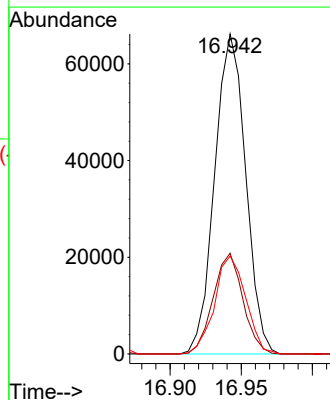
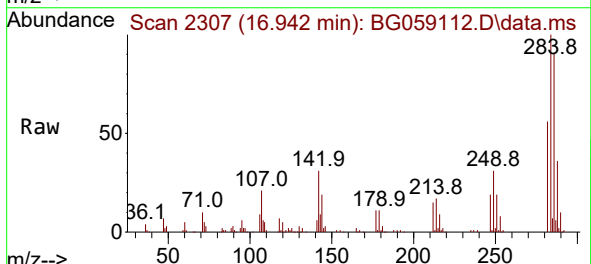
Instrument :
BNA_G
ClientSampleId :
SLCS502

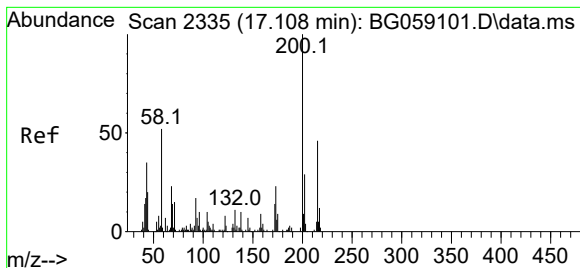
Tgt Ion:248 Resp: 89989
Ion Ratio Lower Upper
248 100
250 95.5 81.8 122.8
141 62.3 50.0 75.0



#69
Hexachlorobenzene
Concen: 44.054 ng/ul
RT: 16.942 min Scan# 2307
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:284 Resp: 100273
Ion Ratio Lower Upper
284 100
142 31.5 23.2 34.8
249 30.6 27.8 41.8





#70

Atrazine

Concen: 3.531 ng/ul

RT: 17.101 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

Instrument :

BNA_G

ClientSampleId :

SLCS502

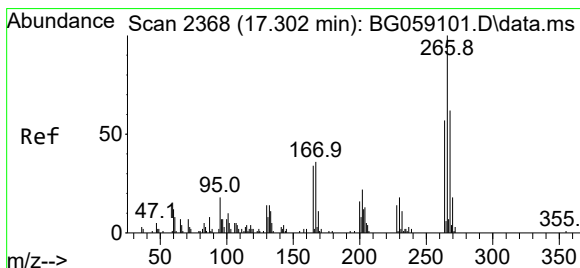
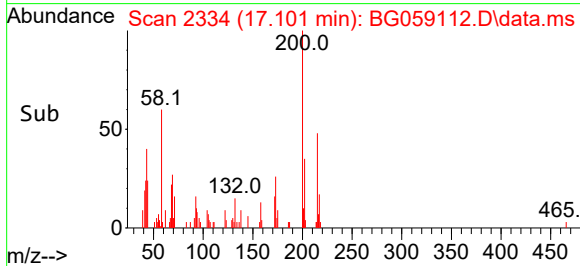
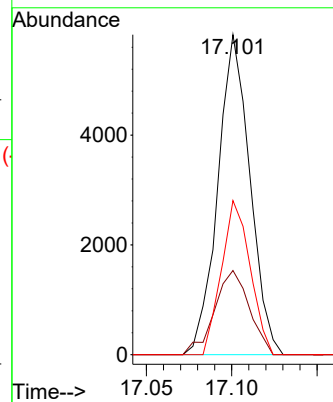
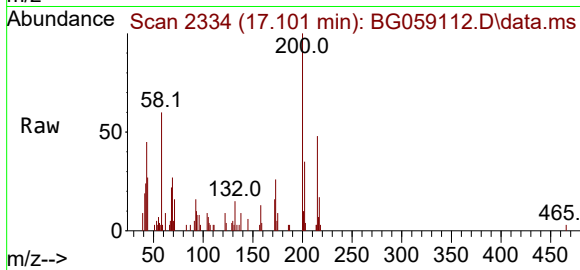
Tgt Ion:200 Resp: 7639

Ion Ratio Lower Upper

200 100

173 26.3 19.4 29.0

215 48.2 38.5 57.7



#71

Pentachlorophenol

Concen: 34.960 ng/ul

RT: 17.295 min Scan# 2367

Delta R.T. -0.001 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

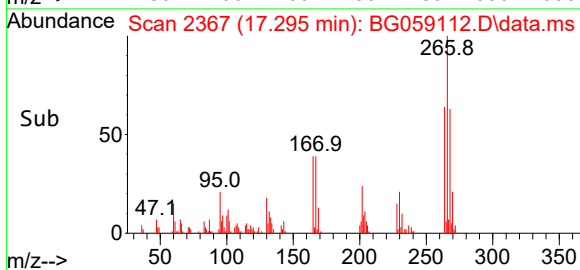
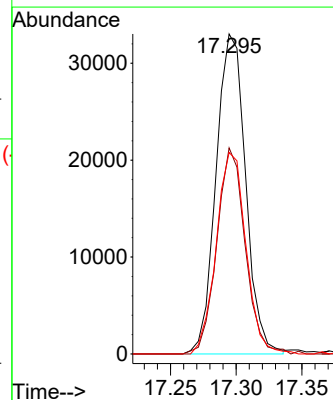
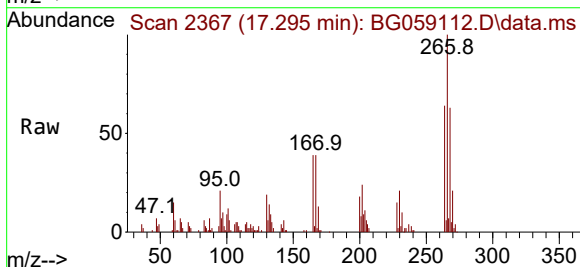
Tgt Ion:266 Resp: 51687

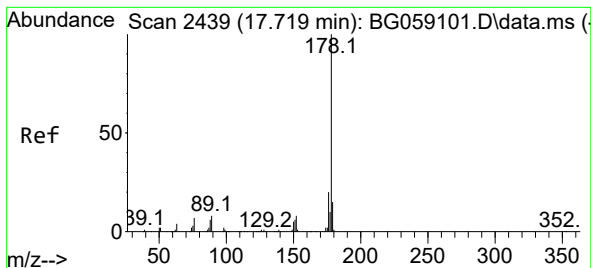
Ion Ratio Lower Upper

266 100

264 64.4 50.6 76.0

268 63.0 56.4 84.6





#72

Phenanthrene

Concen: 43.187 ng/ul

RT: 17.724 min Scan# 2439

Delta R.T. 0.005 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

Instrument :

BNA_G

ClientSampleId :

SLCS502

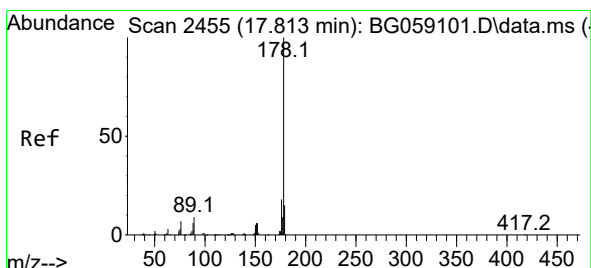
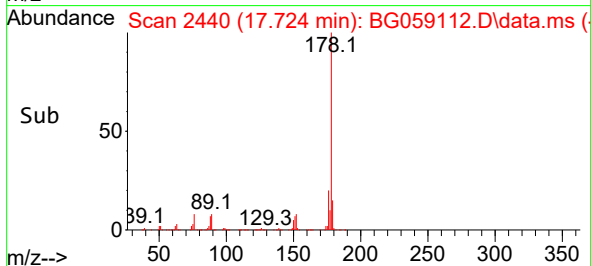
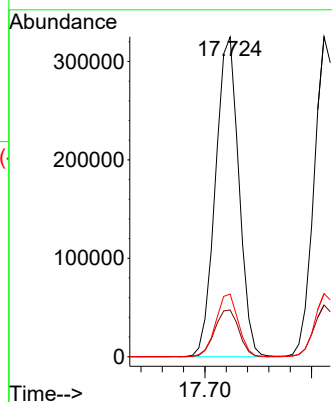
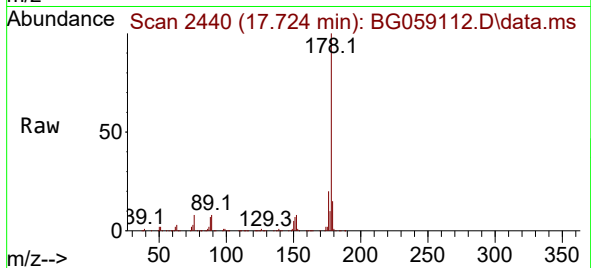
Tgt Ion:178 Resp: 493612

Ion Ratio Lower Upper

178 100

179 14.6 11.8 17.8

176 19.6 14.6 21.8



#74

Anthracene

Concen: 41.905 ng/ul

RT: 17.812 min Scan# 2455

Delta R.T. -0.001 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

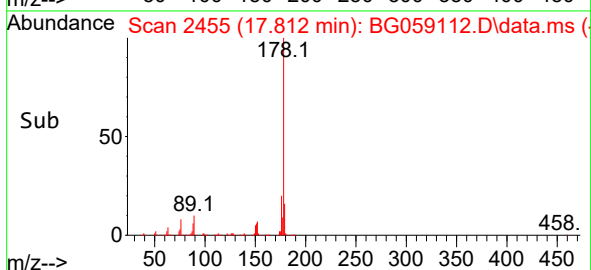
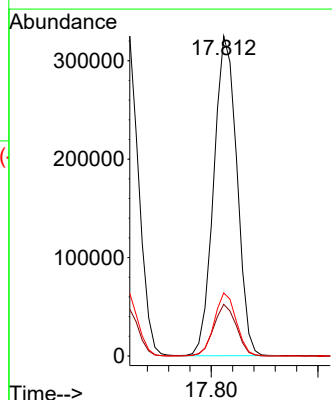
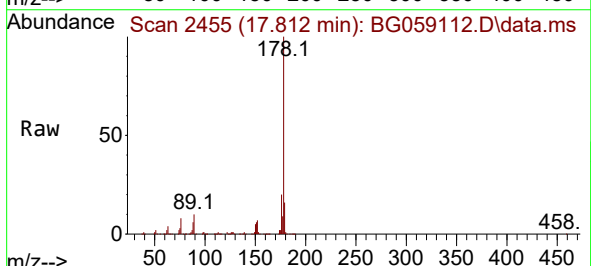
Tgt Ion:178 Resp: 489392

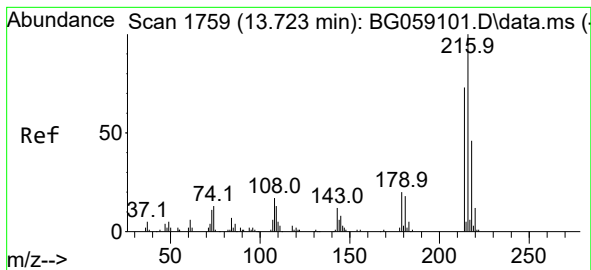
Ion Ratio Lower Upper

178 100

179 16.2 12.4 18.6

176 19.7 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.181 ng/uL

RT: 13.722 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

Instrument :

BNA_G

ClientSampleId :

SLCS502

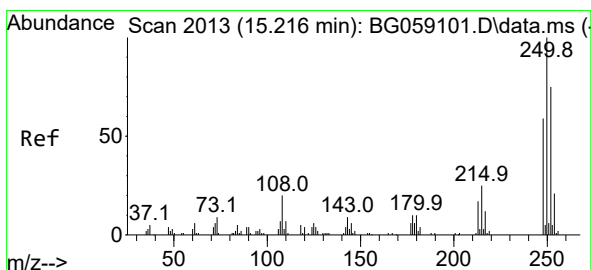
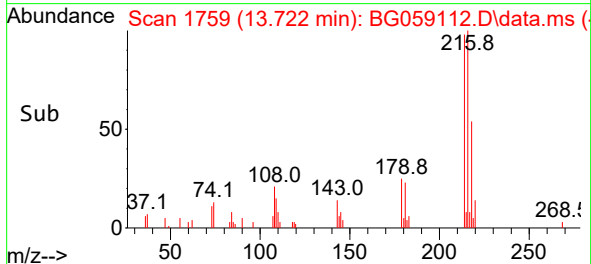
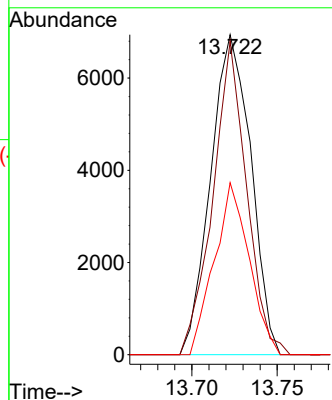
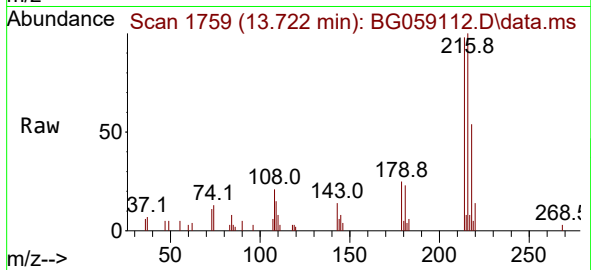
Tgt Ion:216 Resp: 11384

Ion Ratio Lower Upper

216 100

214 98.0 69.9 104.9

218 53.8 39.4 59.0



#76

Pentachlorobenzene

Concen: 46.718 ng/uL

RT: 15.221 min Scan# 2014

Delta R.T. 0.005 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

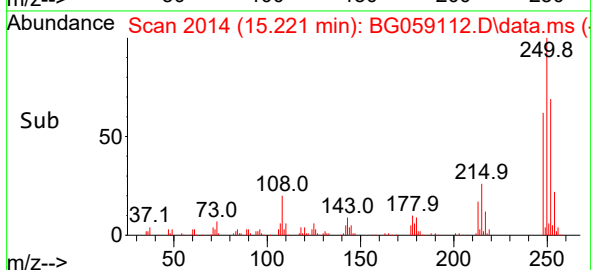
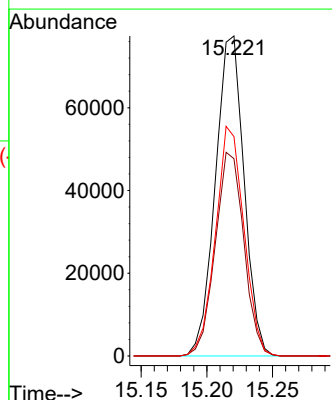
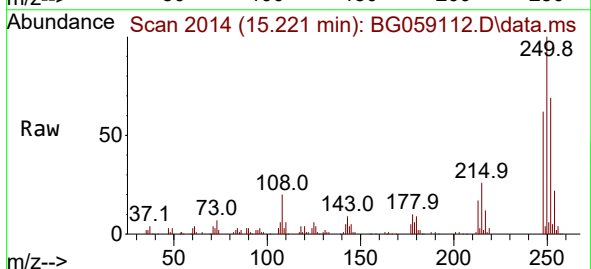
Tgt Ion:250 Resp: 117667

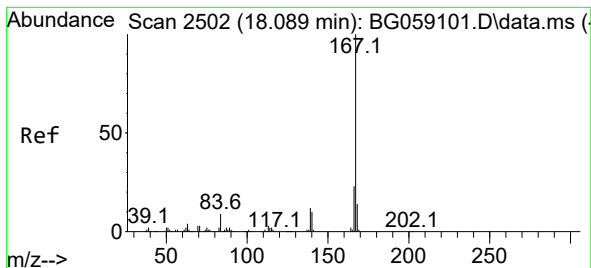
Ion Ratio Lower Upper

250 100

248 61.7 52.5 78.7

252 68.5 59.4 89.2





#77

Carbazole

Concen: 43.136 ng/ul

RT: 18.088 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

Instrument :

BNA_G

ClientSampleId :

SLCS502

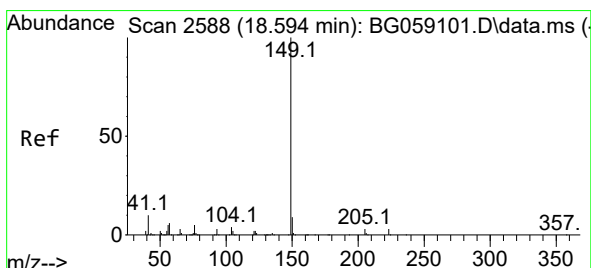
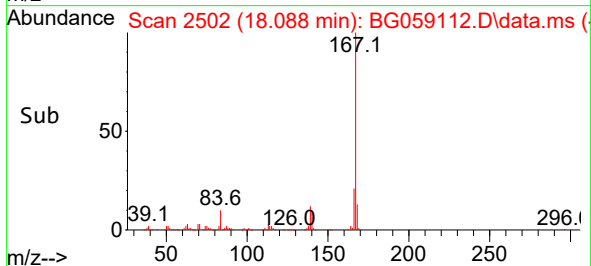
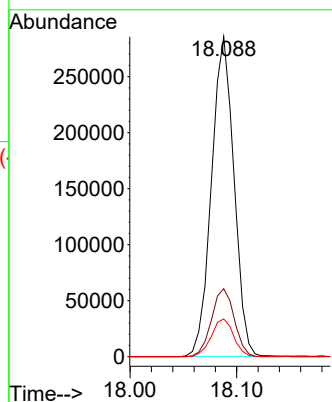
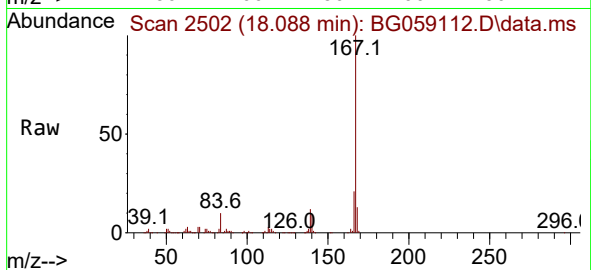
Tgt Ion:167 Resp: 418835

Ion Ratio Lower Upper

167 100

166 21.2 16.7 25.1

139 11.8 9.4 14.0



#78

Di-n-butylphthalate

Concen: 42.579 ng/ul

RT: 18.593 min Scan# 2588

Delta R.T. -0.001 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

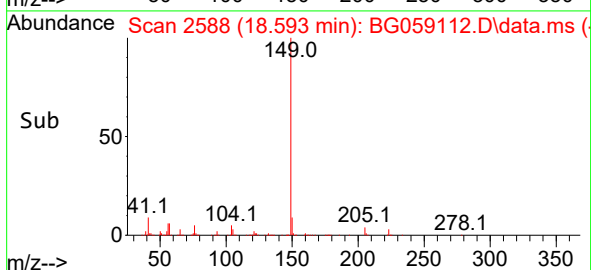
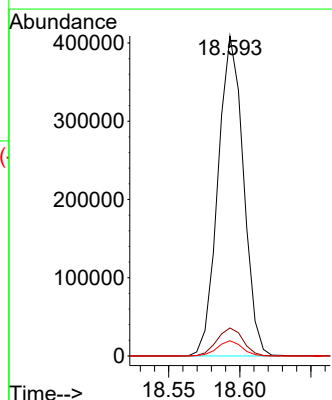
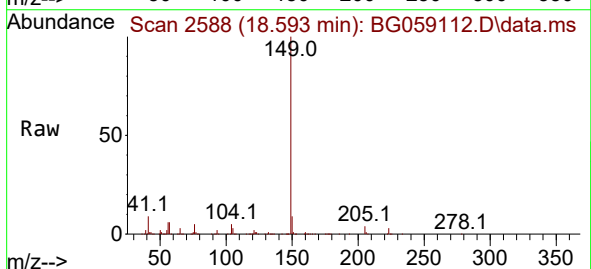
Tgt Ion:149 Resp: 509306

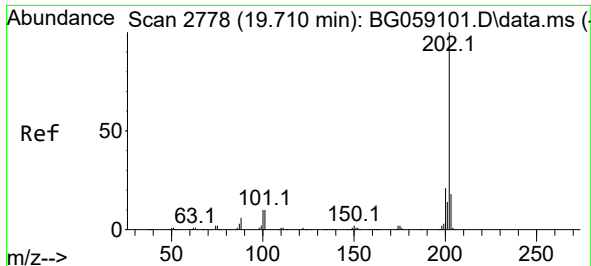
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

104 4.7 3.5 5.3

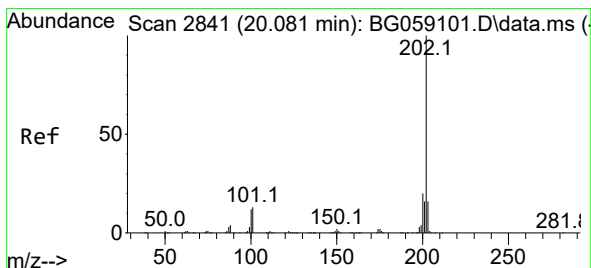
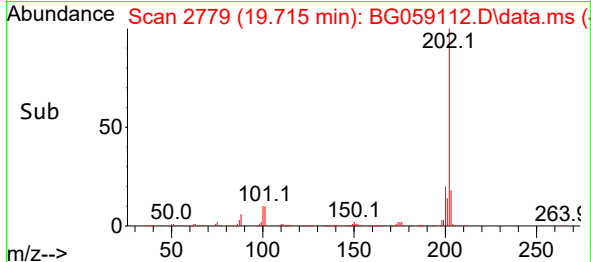
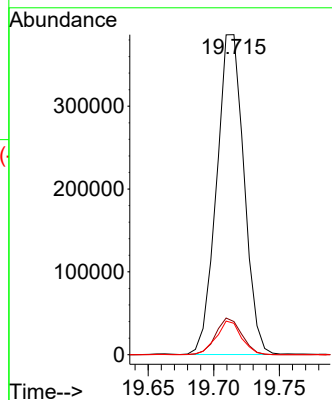
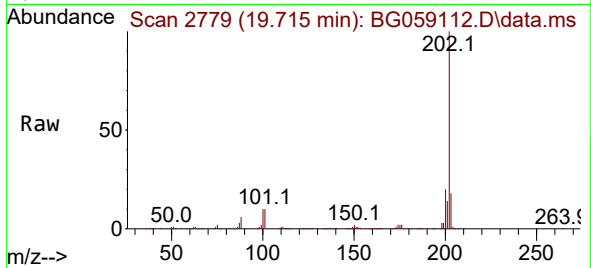




#80
Fluoranthene
Concen: 44.975 ng/ul
RT: 19.715 min Scan# 2779
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

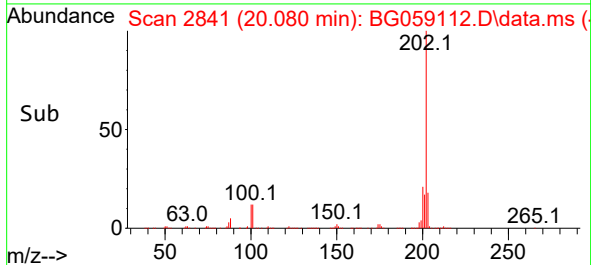
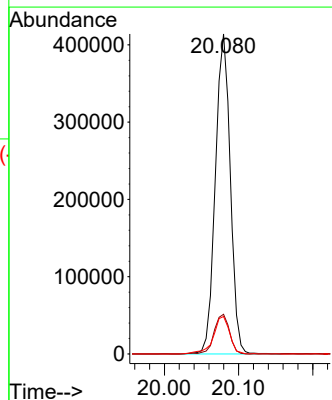
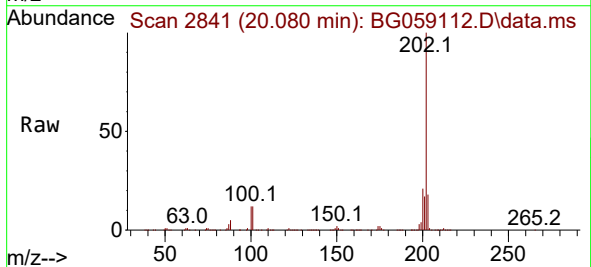
Instrument :
BNA_G
ClientSampleId :
SLCS502

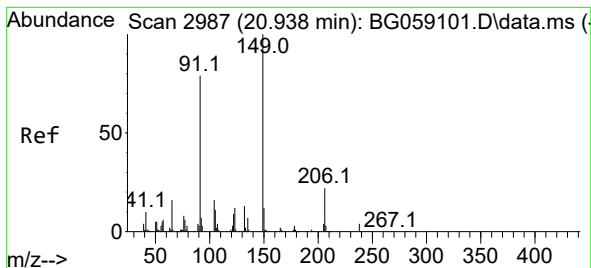
Tgt Ion:202 Resp: 560050
Ion Ratio Lower Upper
202 100
101 10.3 9.2 13.8
100 9.8 7.7 11.5



#82
Pyrene
Concen: 44.531 ng/ul
RT: 20.080 min Scan# 2841
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:202 Resp: 578415
Ion Ratio Lower Upper
202 100
101 12.4 11.0 16.4
100 11.7 10.1 15.1





#83

Butylbenzylphthalate

Concen: 44.566 ng/ul

RT: 20.937 min Scan# 2987

Delta R.T. -0.001 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

Instrument :

BNA_G

ClientSampleId :

SLCS502

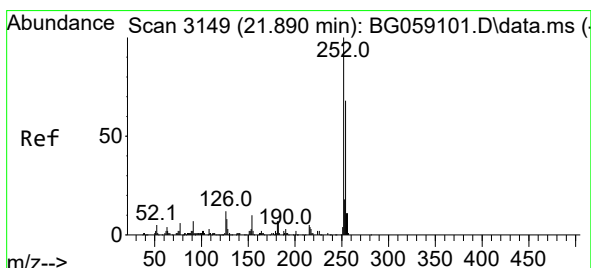
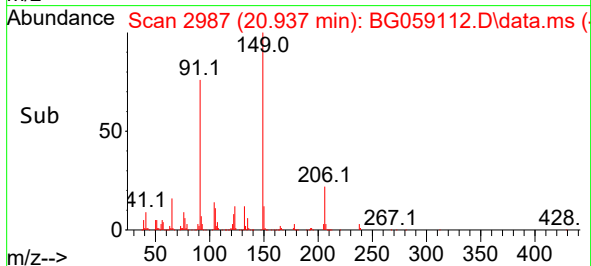
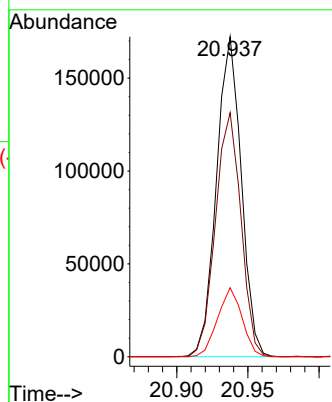
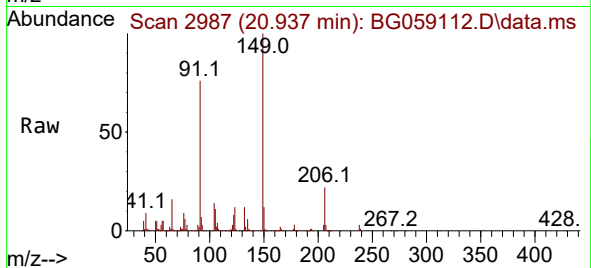
Tgt Ion:149 Resp: 209096

Ion Ratio Lower Upper

149 100

91 76.2 61.2 91.8

206 21.6 15.8 23.6



#84

3,3'-Dichlorobenzidine

Concen: 45.913 ng/ul

RT: 21.889 min Scan# 3149

Delta R.T. 0.005 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

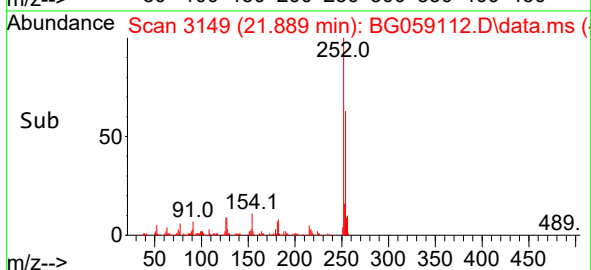
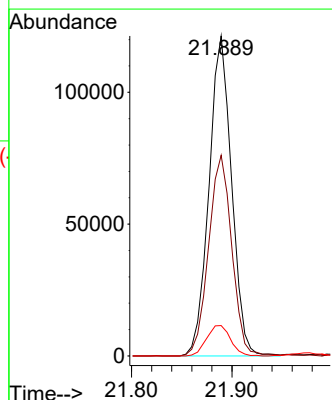
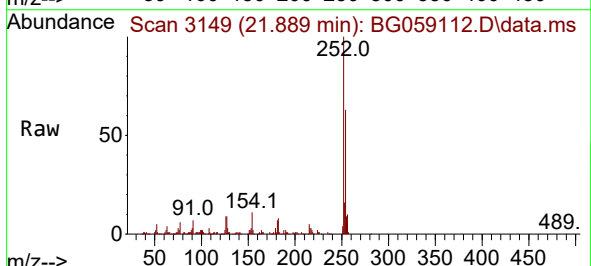
Tgt Ion:252 Resp: 189682

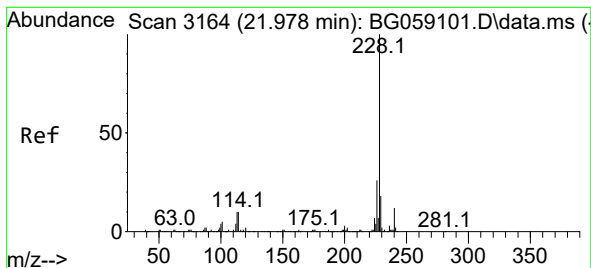
Ion Ratio Lower Upper

252 100

254 62.7 52.4 78.6

126 9.5 8.2 12.2





#85

Benzo(a)anthracene

Concen: 43.104 ng/ul

RT: 21.977 min Scan# 3164

Delta R.T. 0.005 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

Instrument :

BNA_G

ClientSampleId :

SLCS502

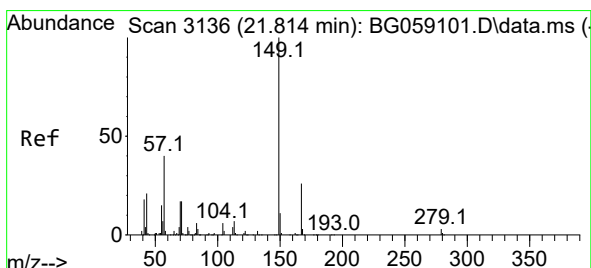
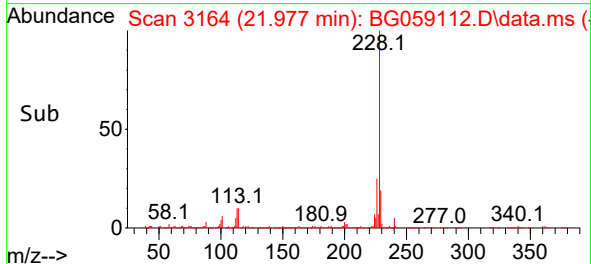
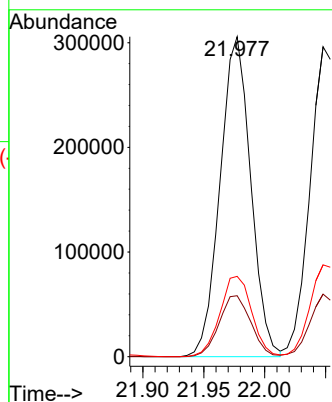
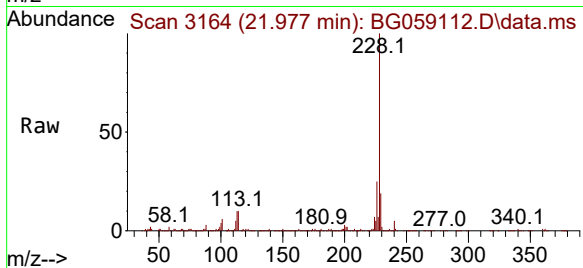
Tgt Ion:228 Resp: 535025

Ion Ratio Lower Upper

228 100

229 19.0 16.1 24.1

226 25.1 20.6 30.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 45.544 ng/ul

RT: 21.813 min Scan# 3136

Delta R.T. -0.001 min

Lab File: BG059112.D

Acq: 20 Sep 2023 16:46

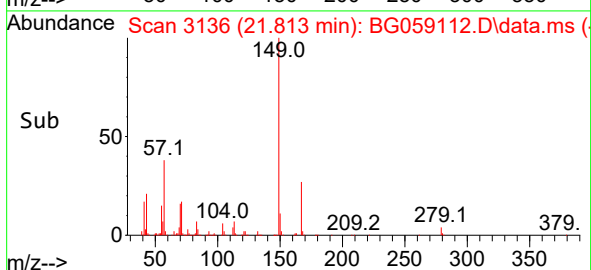
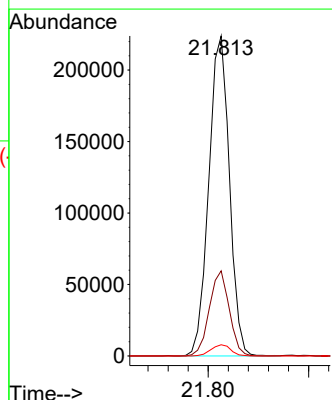
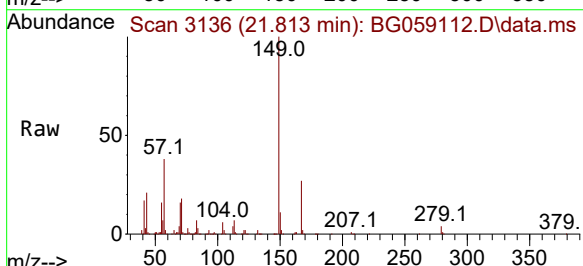
Tgt Ion:149 Resp: 319708

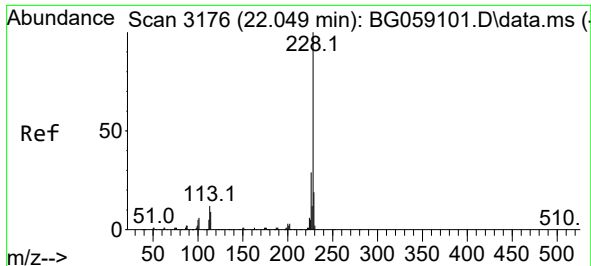
Ion Ratio Lower Upper

149 100

167 26.6 20.2 30.4

279 3.5 3.2 4.8

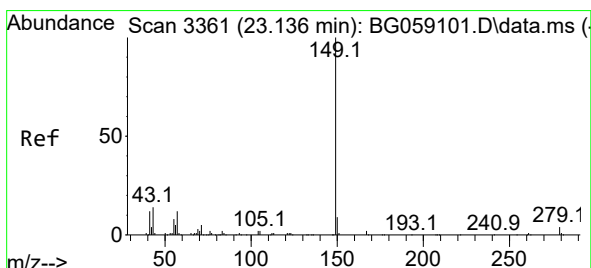
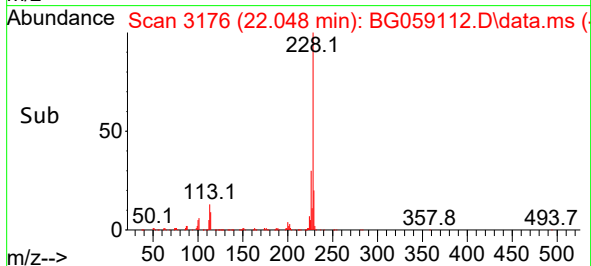
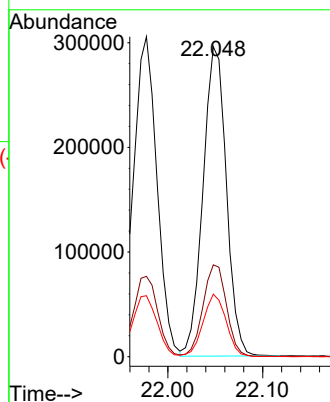
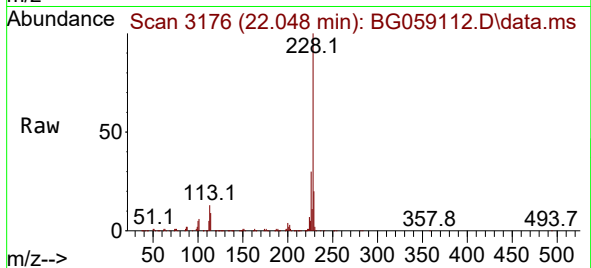




#87
Chrysene
Concen: 43.685 ng/ul
RT: 22.048 min Scan# 3176
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

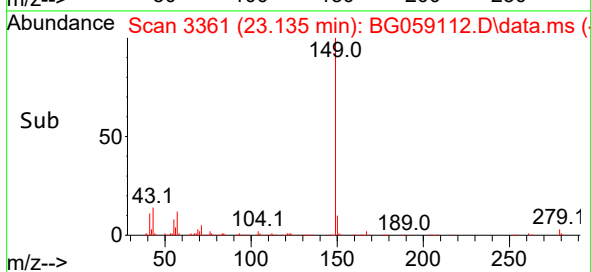
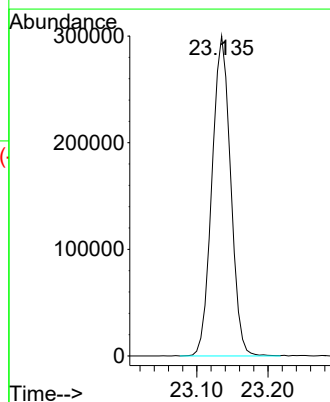
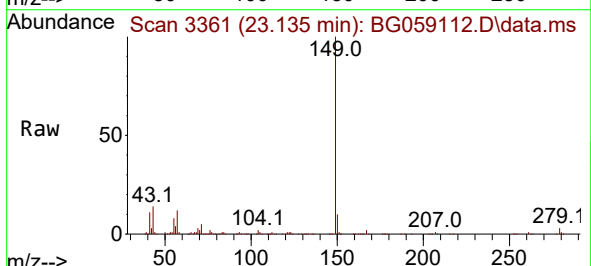
Instrument :
BNA_G
ClientSampleId :
SLCS502

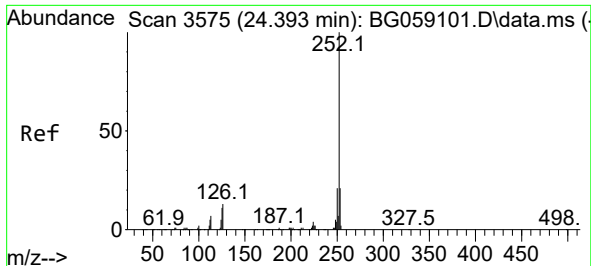
Tgt Ion:228 Resp: 505675
Ion Ratio Lower Upper
228 100
226 29.6 23.3 34.9
229 20.2 15.6 23.4



#89
Di-n-octyl phthalate
Concen: 45.030 ng/ul
RT: 23.135 min Scan# 3361
Delta R.T. -0.001 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:149 Resp: 547647

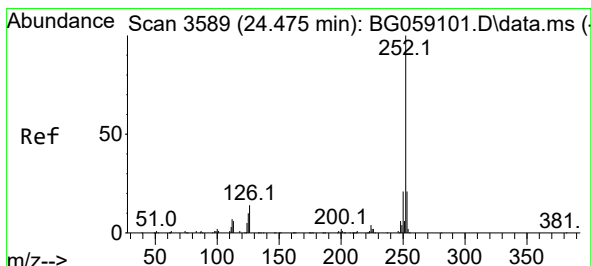
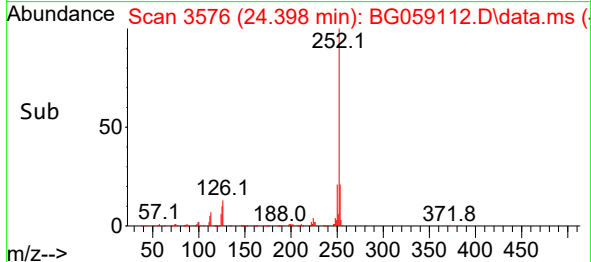
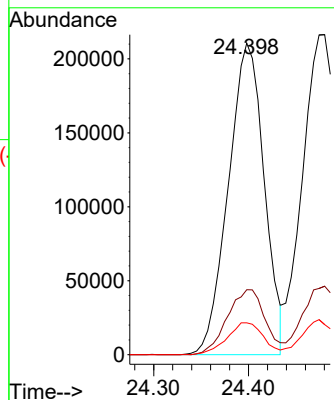
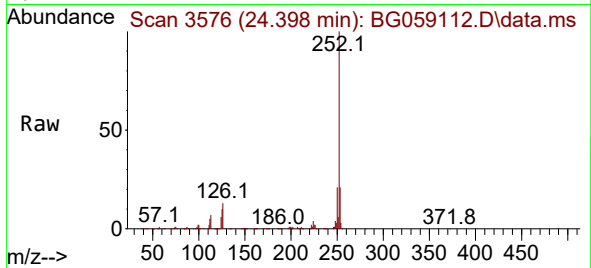




#90
Benzo(b)fluoranthene
Concen: 45.619 ng/ul
RT: 24.398 min Scan# 3575
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

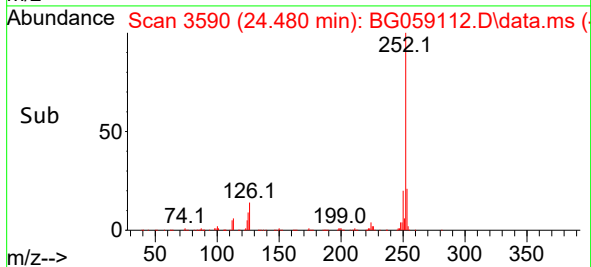
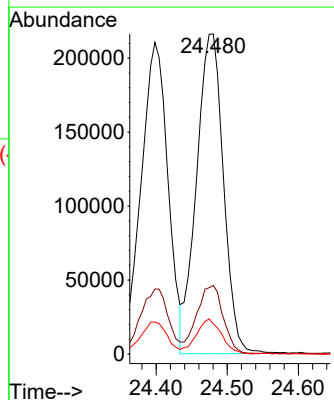
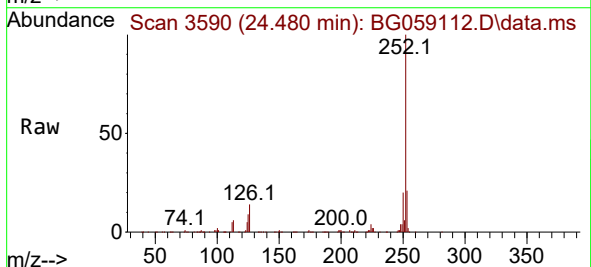
Instrument :
BNA_G
ClientSampleId :
SLCS502

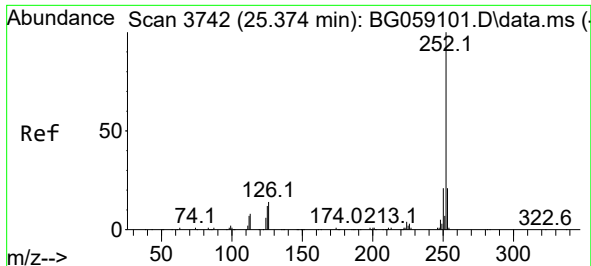
Tgt Ion:252 Resp: 552970
Ion Ratio Lower Upper
252 100
253 20.9 17.1 25.7
125 10.2 8.6 13.0



#91
Benzo(k)fluoranthene
Concen: 45.312 ng/ul
RT: 24.480 min Scan# 3590
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:252 Resp: 569472
Ion Ratio Lower Upper
252 100
253 21.4 16.5 24.7
125 9.4 7.9 11.9

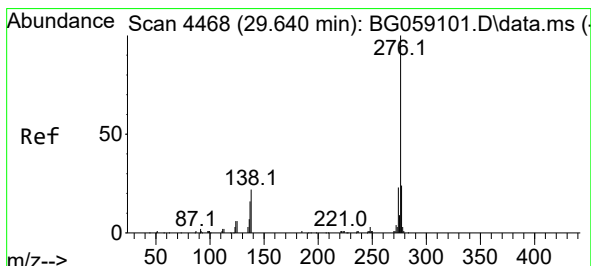
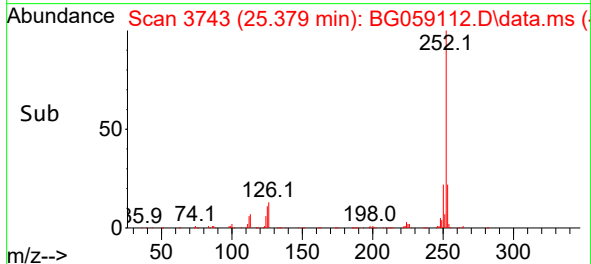
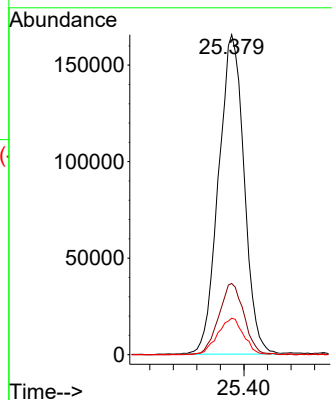
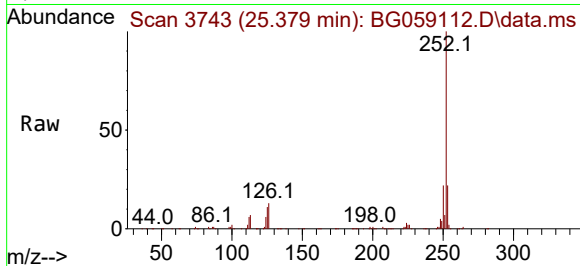




#93
Benzo(a)pyrene
Concen: 42.774 ng/ul
RT: 25.379 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

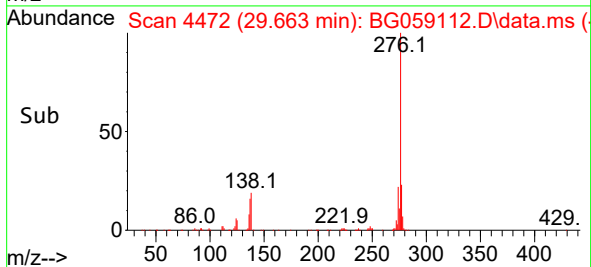
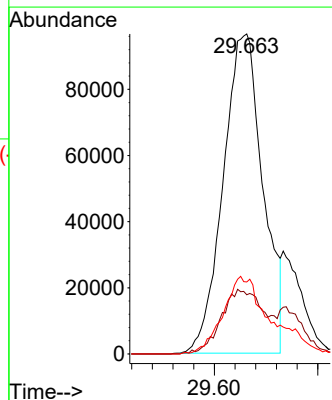
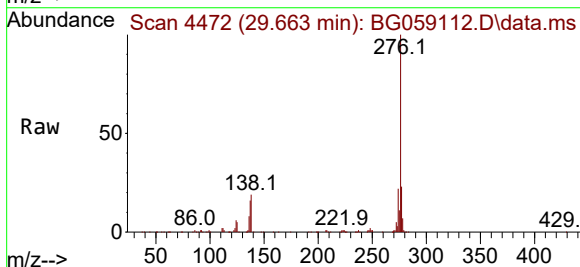
Instrument :
BNA_G
ClientSampleId :
SLCS502

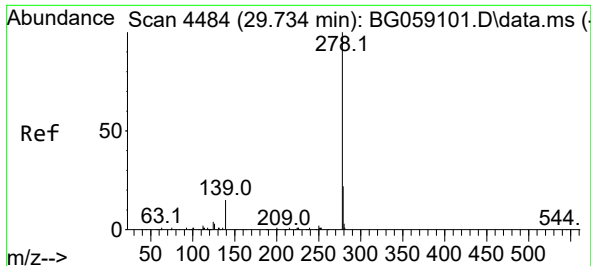
Tgt Ion:252 Resp: 498300
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 11.4 8.3 12.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 38.898 ng/ul
RT: 29.663 min Scan# 4472
Delta R.T. 0.023 min
Lab File: BG059112.D
Acq: 20 Sep 2023 16:46

Tgt Ion:276 Resp: 515370
Ion Ratio Lower Upper
276 100
138 18.5 17.1 25.7
277 22.5 20.4 30.6

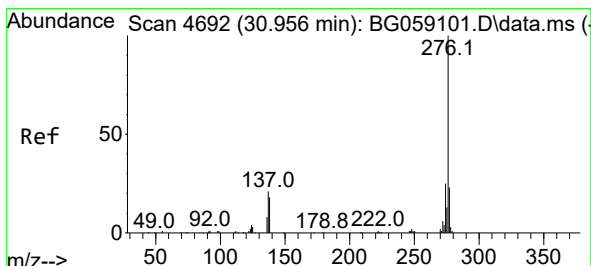
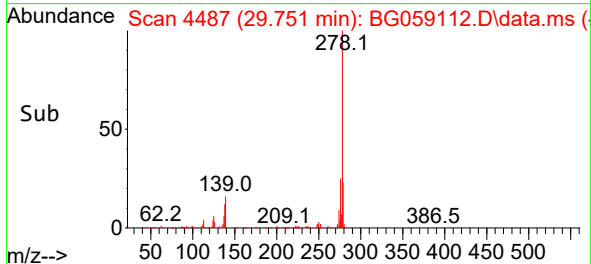
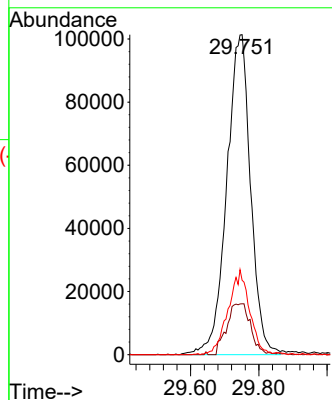
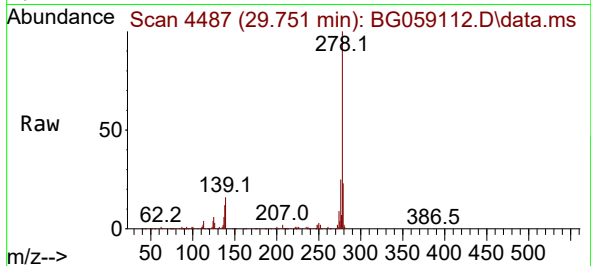




#95
 Dibenzo(a,h)anthracene
 Concen: 46.267 ng/ul
 RT: 29.751 min Scan# 4487
 Delta R.T. 0.017 min
 Lab File: BG059112.D
 Acq: 20 Sep 2023 16:46

Instrument :
 BNA_G
 ClientSampleId :
 SLCS502

Tgt Ion:278 Resp: 492615
 Ion Ratio Lower Upper
 278 100
 139 15.9 13.8 20.6
 279 23.2 19.0 28.4



#96
 Benzo(g,h,i)perylene
 Concen: 45.368 ng/ul
 RT: 30.961 min Scan# 4693
 Delta R.T. -0.001 min
 Lab File: BG059112.D
 Acq: 20 Sep 2023 16:46

Tgt Ion:276 Resp: 484208
 Ion Ratio Lower Upper
 276 100
 138 21.4 16.9 25.3
 277 23.6 19.3 28.9

