

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059305.D
 Acq On : 5 Oct 2023 20:50
 Operator : MA/JU
 Sample : PB156010BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS010

Quant Time: Oct 05 22:41:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	39929	20.000	ng/ul	0.00
20) Naphthalene-d8	11.078	136	187694	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.873	164	112160	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.617	188	244589	20.000	ng/ul	0.00
79) Chrysene-d12	21.930	240	206817	20.000	ng/ul	0.00
88) Perylene-d12	25.414	264	249498	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.534	96	7065	6.678	ng/uL	0.00
4) Pyridine-d5	3.969	84	92969	30.117	ng/ul	0.00
7) Phenol-d5	7.370	99	139865	34.994	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	77476	30.344	ng/ul	0.00
11) 2-Chlorophenol-d4	7.758	132	106810	39.755	ng/ul	0.00
15) 4-Methylphenol-d8	8.939	113	104666	33.878	ng/ul	0.00
21) Nitrobenzene-d5	9.439	128	51673	39.014	ng/ul	0.00
24) 2-Nitrophenol-d4	10.155	143	61103	46.994	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.684	165	109611	41.037	ng/ul	0.00
31) 4-Chloroaniline-d4	11.225	131	143022	33.095	ng/ul	0.00
46) Dimethylphthalate-d6	14.268	166	297724	36.715	ng/ul	0.00
49) Acenaphthylene-d8	14.574	160	379407	37.276	ng/ul	0.00
54) 4-Nitrophenol-d4	15.073	143	55757	39.374	ng/ul	0.01
60) Fluorene-d10	15.861	176	290851	37.685	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.978	200	47244	37.578	ng/ul	0.01
73) Anthracene-d10	17.723	188	416457	37.368	ng/ul	0.00
81) Pyrene-d10	19.997	212	457091	39.466	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.179	264	452301	37.725	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.575	88	15373	12.368	ng/uL	84
5) Pyridine	3.992	79	87276	27.842	ng/ul	95
6) Benzaldehyde	7.382	77	66522	37.900	ng/ul	98
8) Phenol	7.400	94	141692	35.637	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.653	93	111547	34.208	ng/ul	89
12) 2-Chlorophenol	7.794	128	112302	39.644	ng/ul	93
13) 2-Methylphenol	8.669	108	108914	36.257	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.745	45	148405	20.587	ng/ul#	96
16) Acetophenone	9.080	105	164098	34.295	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.045	70	77058	31.748	ng/ul	93
18) 4-Methylphenol	9.004	108	116382	36.566	ng/ul	94
19) Hexachloroethane	9.321	117	47059	42.168	ng/ul	90
22) Nitrobenzene	9.480	77	121523	37.169	ng/ul	94
23) Isophorone	9.985	82	234547	33.360	ng/ul	98
25) 2-Nitrophenol	10.191	139	65965	46.045	ng/ul	98
26) 2,4-Dimethylphenol	10.214	107	104689	34.175	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.467	93	155868	35.136	ng/ul	99
29) 2,4-Dichlorophenol	10.714	162	112910	42.525	ng/ul	95
30) Naphthalene	11.131	128	387841	38.539	ng/ul	96
32) 4-Chloroaniline	11.248	127	122452	29.631	ng/ul	95
33) Hexachlorobutadiene	11.360	225	72144	40.600	ng/ul	95
34) Caprolactam	12.036	113	26978	29.366	ng/ul	93
35) 4-Chloro-3-methylphenol	12.335	107	109214	38.552	ng/ul	90
36) 2-Methylnaphthalene	12.717	142	245283	37.205	ng/ul	98

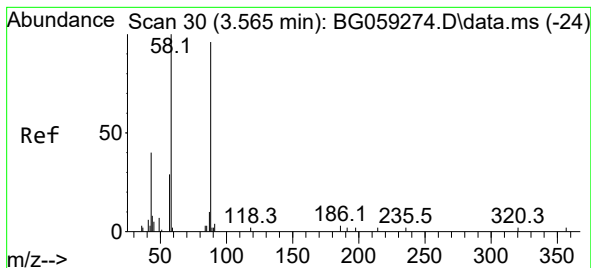
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.935	142	244082	36.478	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	13.064	216	130683	38.918	ng/ul	99
40) Hexachlorocyclopentadiene	13.011	237	48332	23.334	ng/ul	96
41) 2,4,6-Trichlorophenol	13.305	196	87123	42.378	ng/ul	93
42) 2,4,5-Trichlorophenol	13.381	196	93148	43.180	ng/ul	91
43) 1,1'-Biphenyl	13.704	154	347222	38.332	ng/ul	99
44) 2-Chloronaphthalene	13.763	162	263569	38.647	ng/ul	96
45) 2-Nitroaniline	13.980	65	83038	43.165	ng/ul	95
47) Dimethylphthalate	14.315	163	314562	37.872	ng/ul	98
48) 2,6-Dinitrotoluene	14.462	165	66402	47.004	ng/ul	86
50) Acenaphthylene	14.603	152	426566	39.262	ng/ul	99
51) 3-Nitroaniline	14.803	138	71522	46.899	ng/ul#	88
52) Acenaphthene	14.938	153	293243	39.322	ng/ul	96
53) 2,4-Dinitrophenol	15.003	184	27660	35.223	ng/ul#	78
55) 4-Nitrophenol	15.085	109	42369	42.416	ng/ul	98
56) Dibenzofuran	15.267	168	387401	39.190	ng/ul	100
57) 2,4-Dinitrotoluene	15.244	165	96537	46.152	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.479	232	82212	42.097	ng/ul#	97
59) Diethylphthalate	15.655	149	310739	38.699	ng/ul	97
61) Fluorene	15.913	166	332907	40.109	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.896	204	163393	39.490	ng/ul	98
63) 4-Nitroaniline	15.960	138	75685	53.928	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.996	198	51007	38.477	ng/ul#	90
67) N-Nitrosodiphenylamine	16.119	169	265002	40.646	ng/ul	99
68) 4-Bromophenyl-phenylether	16.795	248	99792	42.115	ng/ul	97
69) Hexachlorobenzene	16.889	284	112519	42.033	ng/ul	97
70) Atrazine	17.053	200	50753	20.472	ng/ul	97
72) Phenanthrene	17.664	178	545362	40.629	ng/ul	99
74) Anthracene	17.758	178	543693	39.228	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.669	216	129010	40.026	ng/uL	96
76) Pentachlorobenzene	15.167	250	124903	39.246	ng/uL	97
77) Carbazole	18.034	167	467188	41.357	ng/ul	97
78) Di-n-butylphthalate	18.534	149	556573	41.564	ng/ul	98
80) Fluoranthene	19.662	202	590671	41.399	ng/ul	99
82) Pyrene	20.026	202	610277	40.382	ng/ul	99
83) Butylbenzylphthalate	20.872	149	237414	44.548	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.818	252	193764	40.455	ng/ul	98
85) Benzo(a)anthracene	21.906	228	591327	40.616	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.730	149	352984	43.618	ng/ul	98
87) Chrysene	21.977	228	548678	39.903	ng/ul	100
89) Di-n-octyl phthalate	23.023	149	611773	42.160	ng/ul	100
90) Benzo(b)fluoranthene	24.286	252	614186	40.192	ng/ul	98
91) Benzo(k)fluoranthene	24.362	252	590488	38.136	ng/ul	99
93) Benzo(a)pyrene	25.255	252	564553	38.944	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.462	276	552740	33.683	ng/ul	99
95) Dibenzo(a,h)anthracene	29.539	278	520383	38.995	ng/ul	96
96) Benzo(g,h,i)perylene	30.749	276	494647	37.072	ng/ul	95

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



#2

1,4-Dioxane

Concen: 12.368 ng/uL

RT: 3.575 min Scan# 31

Delta R.T. 0.009 min

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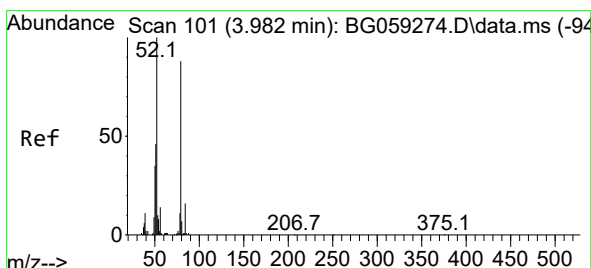
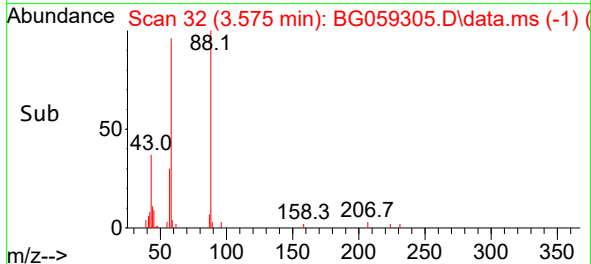
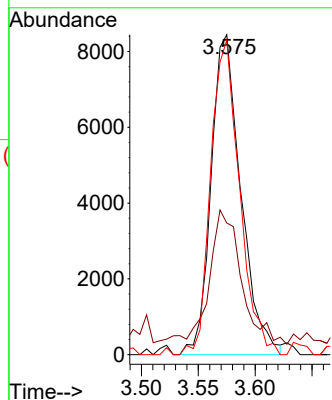
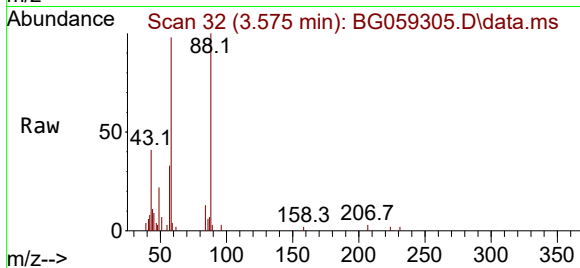
Tgt Ion: 88 Resp: 15373

Ion Ratio Lower Upper

88 100

43 41.1 34.5 51.7

58 98.3 96.6 145.0



#5

Pyridine

Concen: 27.842 ng/uL

RT: 3.992 min Scan# 103

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

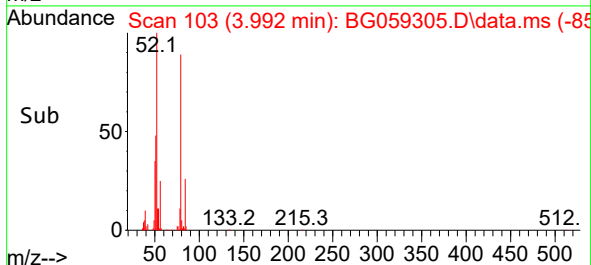
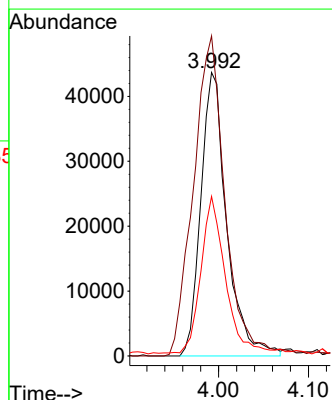
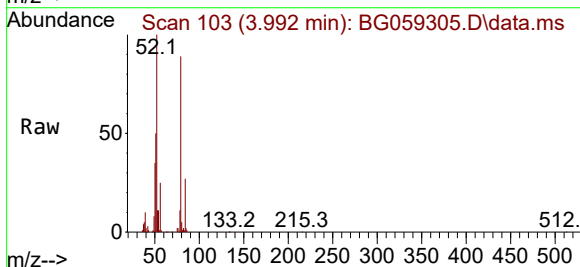
Tgt Ion: 79 Resp: 87276

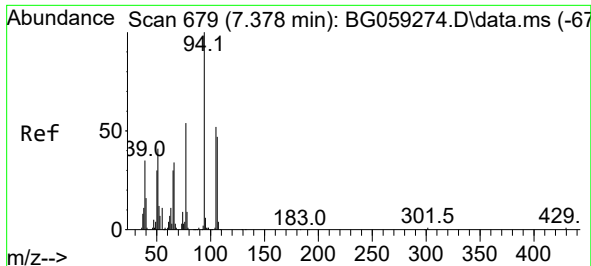
Ion Ratio Lower Upper

79 100

52 112.9 94.8 142.2

51 56.3 48.2 72.2

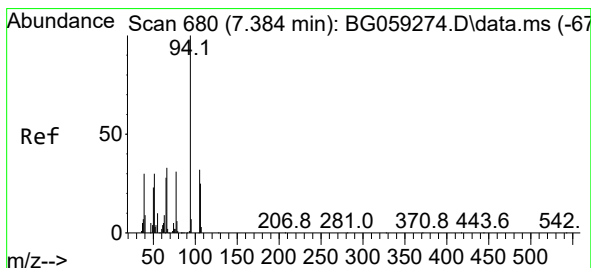
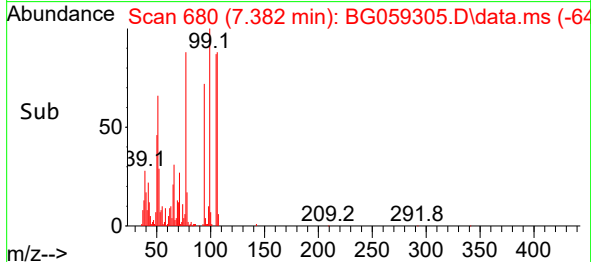
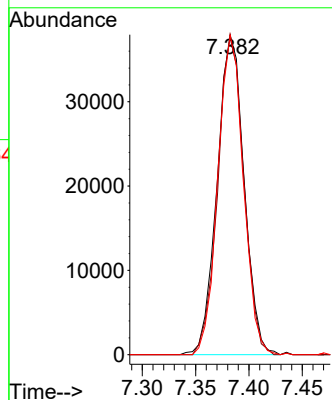
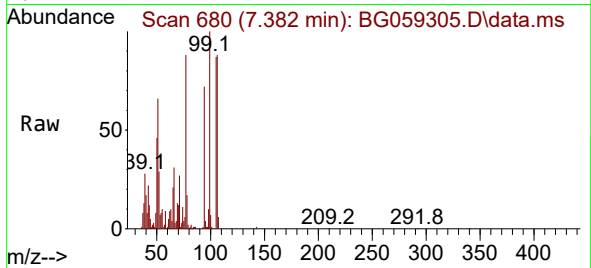




#6
Benzaldehyde
Concen: 37.900 ng/ul
RT: 7.382 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

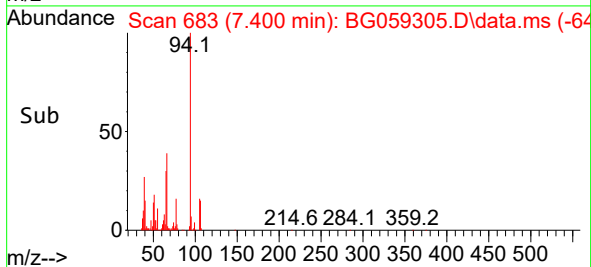
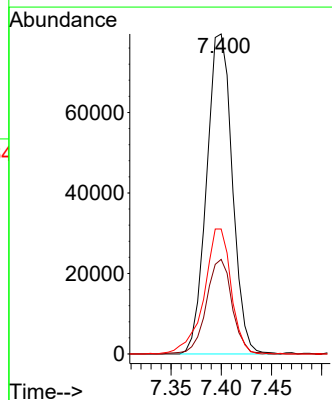
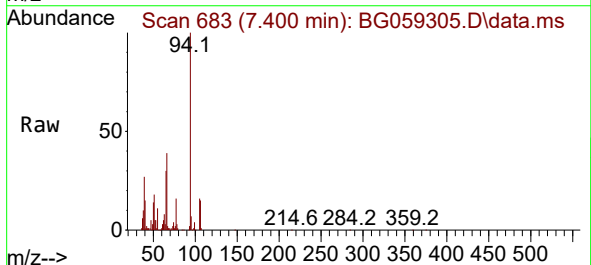
Instrument :
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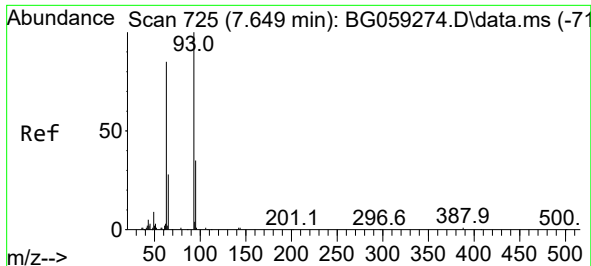
Tgt Ion: 77 Resp: 66522
Ion Ratio Lower Upper
77 100
105 99.1 81.4 122.2
106 100.0 78.3 117.5



#8
Phenol
Concen: 35.637 ng/ul
RT: 7.400 min Scan# 683
Delta R.T. 0.015 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion: 94 Resp: 141692
Ion Ratio Lower Upper
94 100
65 29.6 23.6 35.4
66 39.0 24.6 37.0#

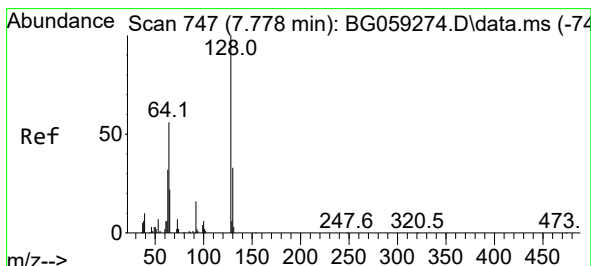
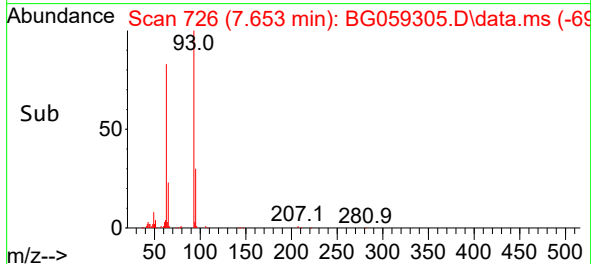
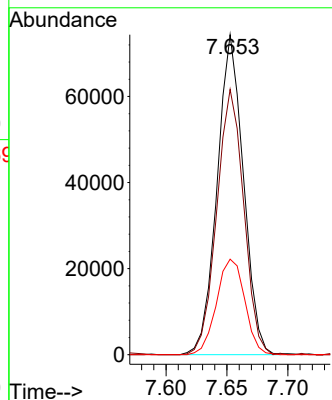
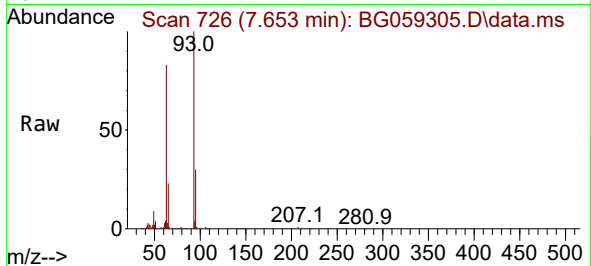




#10
Bis(2-Chloroethyl)ether
Concen: 34.208 ng/ul
RT: 7.653 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

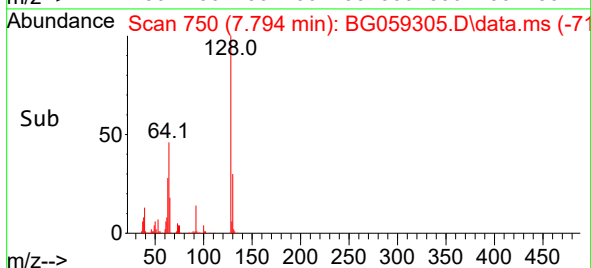
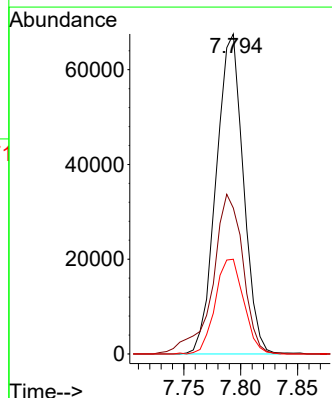
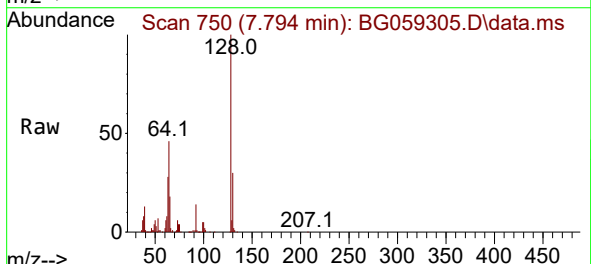
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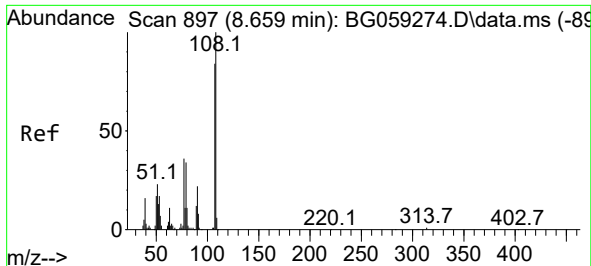
Tgt Ion: 93 Resp: 111547
Ion Ratio Lower Upper
93 100
63 82.9 76.0 114.0
95 29.9 26.6 39.8



#12
2-Chlorophenol
Concen: 39.644 ng/ul
RT: 7.794 min Scan# 750
Delta R.T. 0.009 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:128 Resp: 112302
Ion Ratio Lower Upper
128 100
64 45.6 42.6 64.0
130 29.6 23.3 34.9

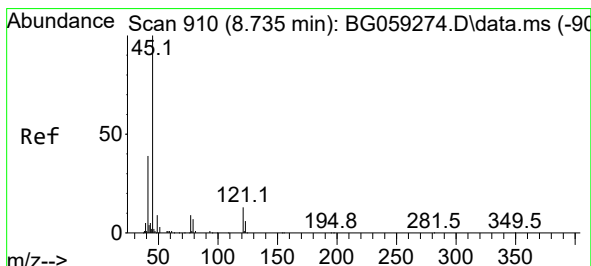
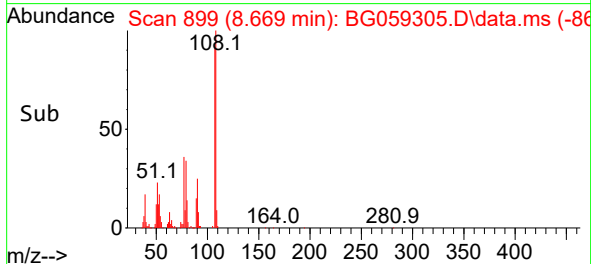
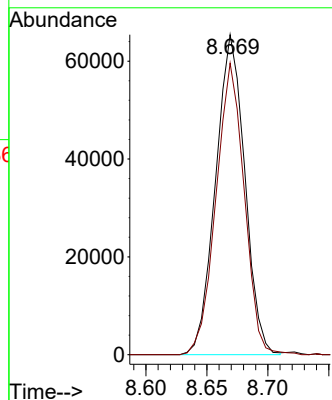
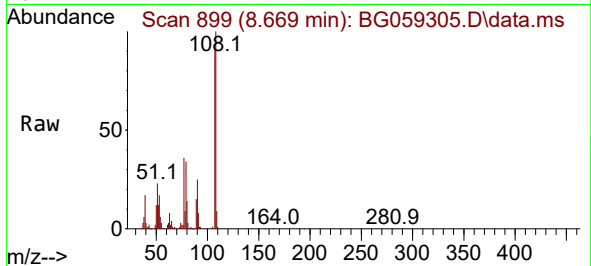




#13
2-Methylphenol
Concen: 36.257 ng/ul
RT: 8.669 min Scan# 897
Delta R.T. 0.009 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

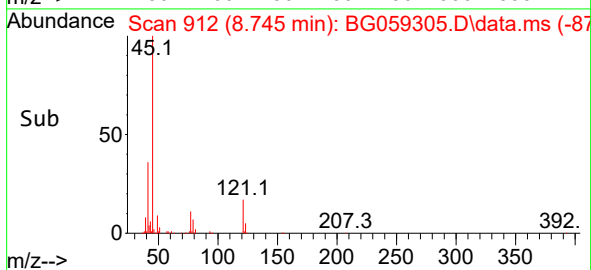
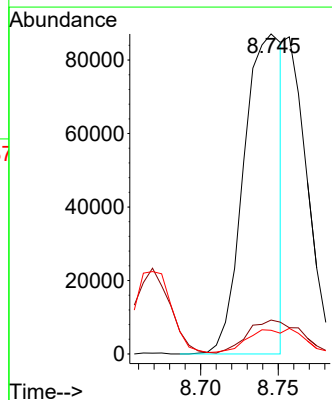
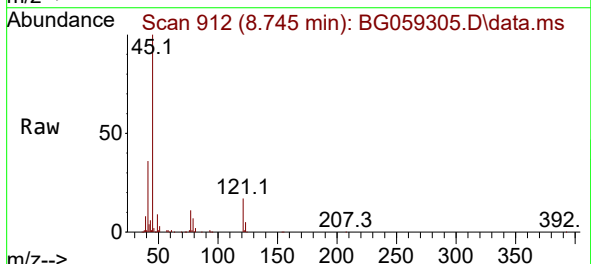
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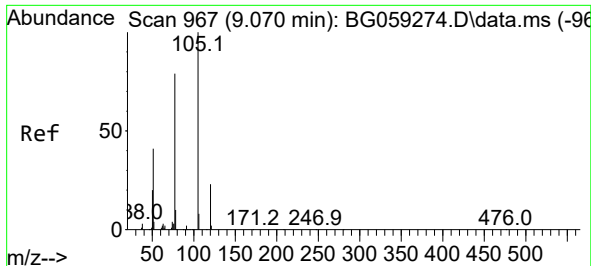
Tgt Ion:108 Resp: 108914
Ion Ratio Lower Upper
108 100
107 91.1 67.3 100.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.587 ng/ul
RT: 8.745 min Scan# 912
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion: 45 Resp: 148405
Ion Ratio Lower Upper
45 100
77 10.6 6.6 9.8#
79 7.4 5.9 8.9

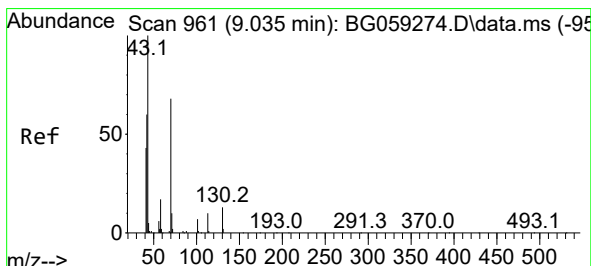
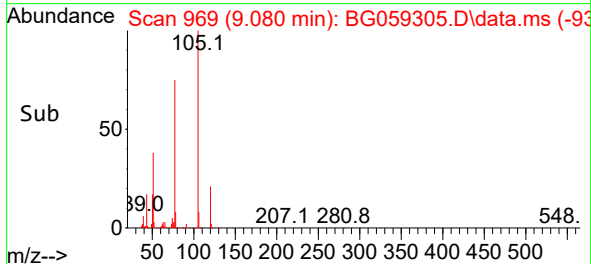
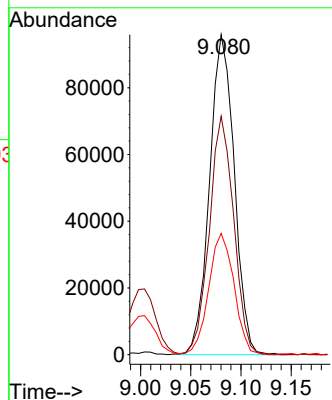
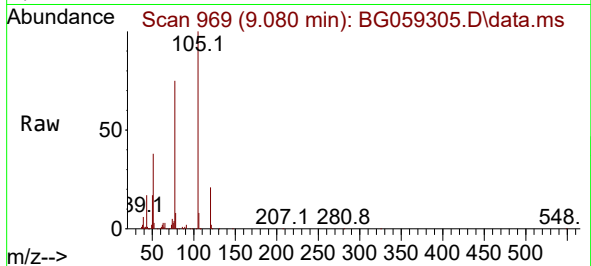




#16
Acetophenone
Concen: 34.295 ng/ul
RT: 9.080 min Scan# 967
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

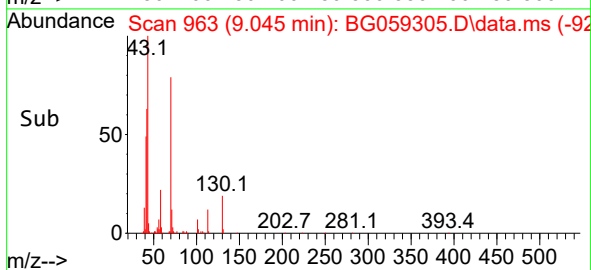
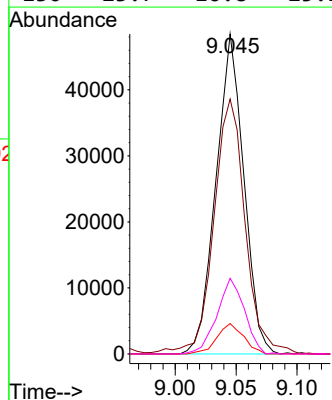
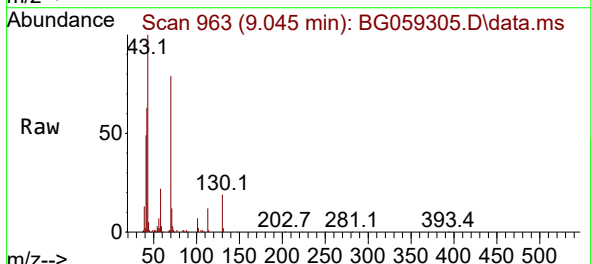
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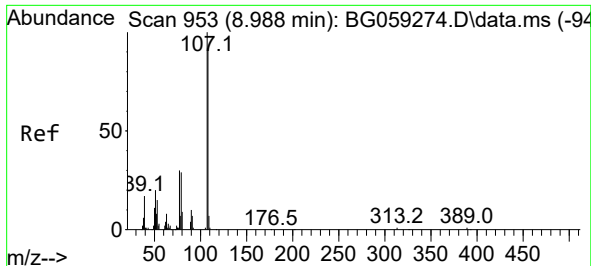
Tgt Ion:105 Resp: 164098
Ion Ratio Lower Upper
105 100
77 74.5 58.8 88.2
51 37.9 32.6 48.8



#17
N-Nitroso-di-n-propylamine
Concen: 31.748 ng/ul
RT: 9.045 min Scan# 963
Delta R.T. 0.009 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion: 70 Resp: 77058
Ion Ratio Lower Upper
70 100
42 79.7 69.6 104.4
101 9.5 6.7 10.1
130 23.7 16.8 25.2

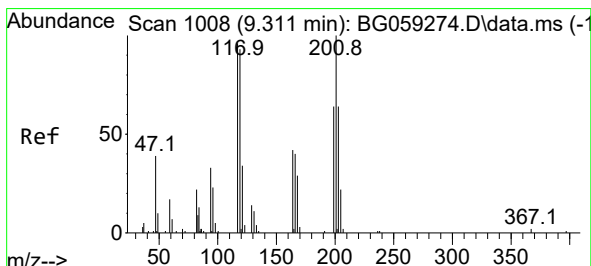
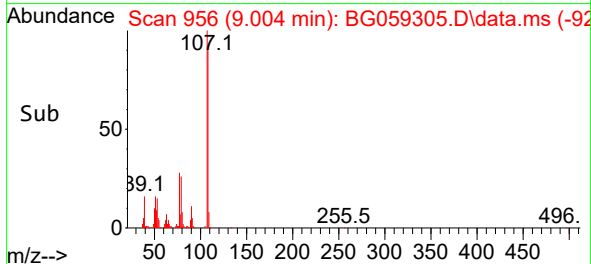
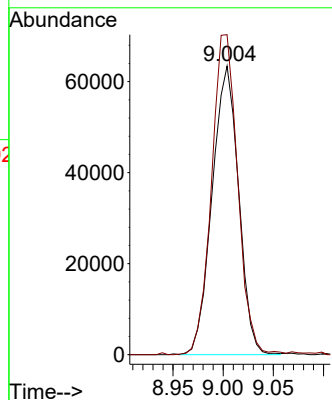
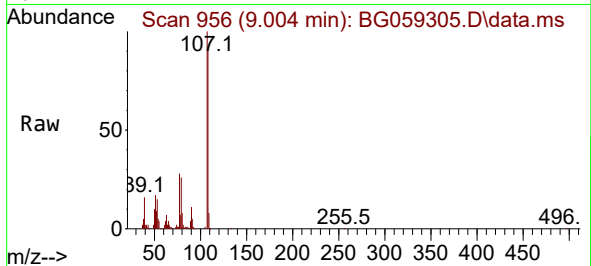




#18
4-Methylphenol
Concen: 36.566 ng/ul
RT: 9.004 min Scan# 91
Delta R.T. 0.009 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

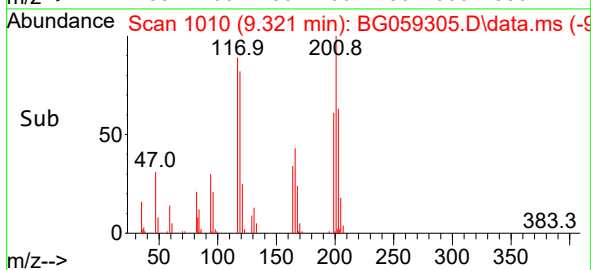
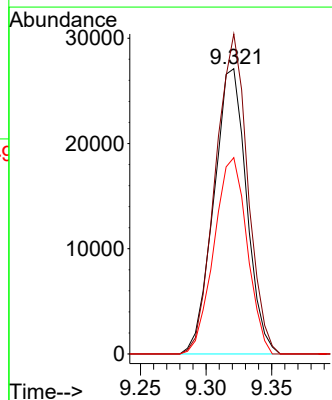
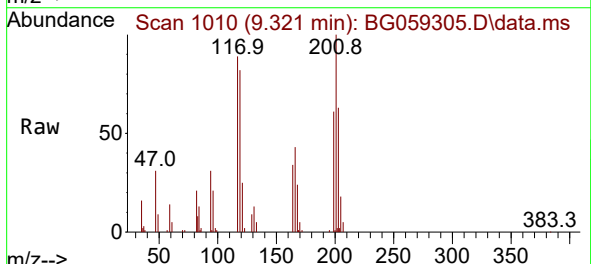
Instrument :
BNA_G
ClientSampleId :
SLCS010

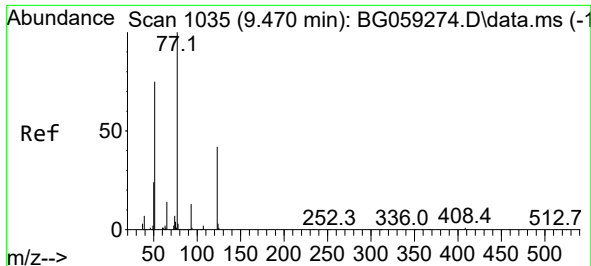
Tgt Ion:108 Resp: 116382
Ion Ratio Lower Upper
108 100
107 110.8 83.8 125.8



#19
Hexachloroethane
Concen: 42.168 ng/ul
RT: 9.321 min Scan# 1010
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:117 Resp: 47059
Ion Ratio Lower Upper
117 100
201 112.2 78.2 117.4
199 68.8 53.5 80.3

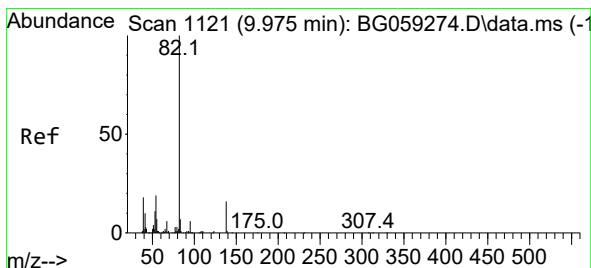
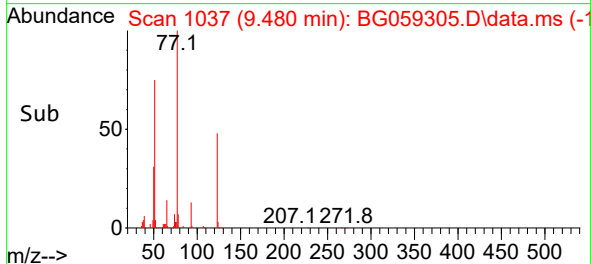
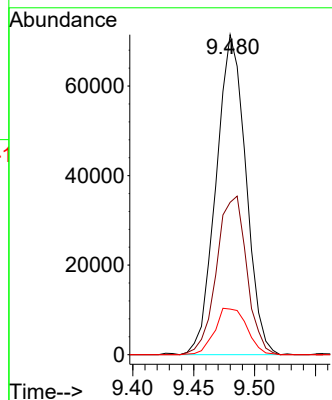
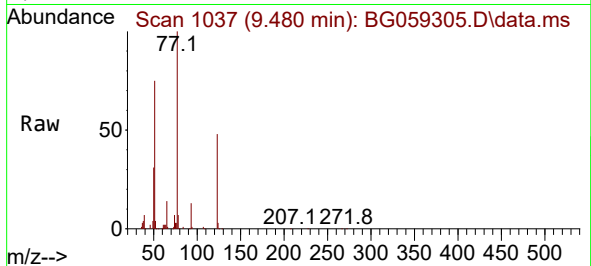




#22
Nitrobenzene
Concen: 37.169 ng/ul
RT: 9.480 min Scan# 1035
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

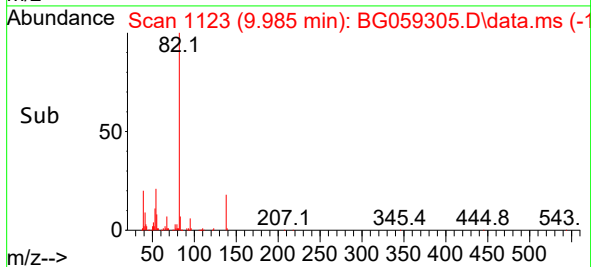
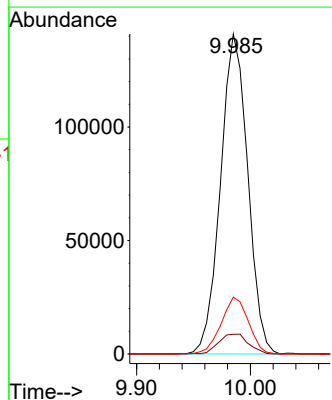
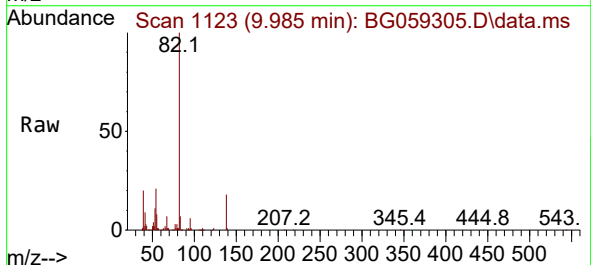
Instrument :
BNA_G
ClientSampleId :
SLCS010

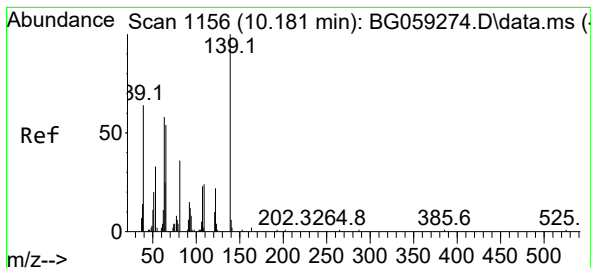
Tgt Ion: 77 Resp: 121523
Ion Ratio Lower Upper
77 100
123 47.6 34.6 52.0
65 14.2 13.0 19.4



#23
Isophorone
Concen: 33.360 ng/ul
RT: 9.985 min Scan# 1123
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion: 82 Resp: 234547
Ion Ratio Lower Upper
82 100
95 6.2 4.7 7.1
138 17.8 13.5 20.3

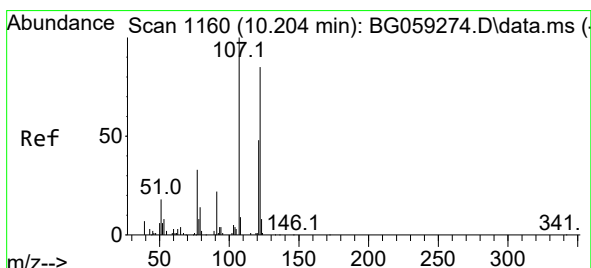
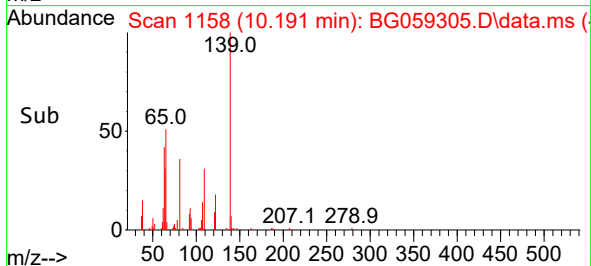
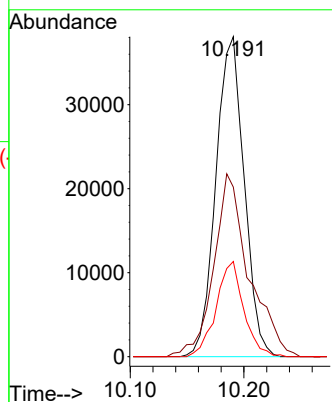
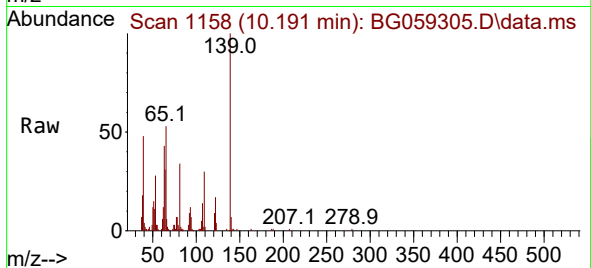




#25
2-Nitrophenol
Concen: 46.045 ng/ul
RT: 10.191 min Scan# 1156
Delta R.T. 0.009 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

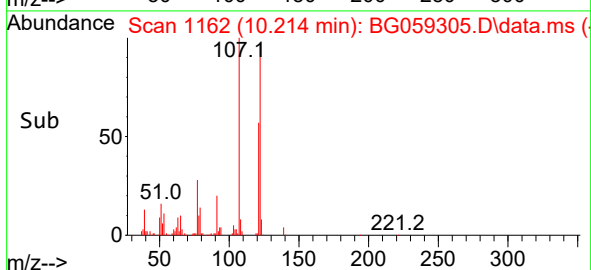
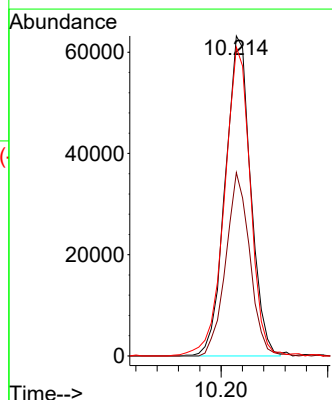
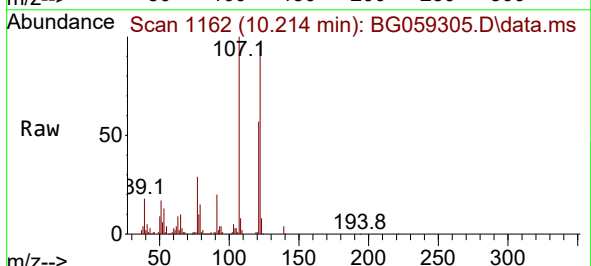
Instrument :
BNA_G
ClientSampleId :
SLCS010

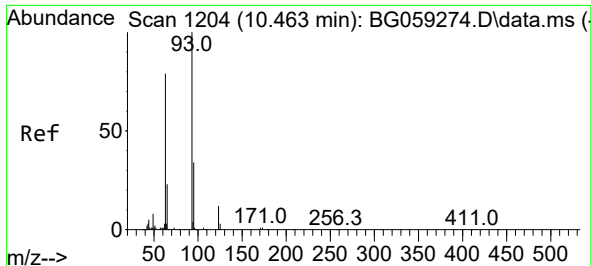
Tgt Ion:139 Resp: 65965
Ion Ratio Lower Upper
139 100
65 53.0 41.2 61.8
109 29.7 22.6 33.8



#26
2,4-Dimethylphenol
Concen: 34.175 ng/ul
RT: 10.214 min Scan# 1162
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:107 Resp: 104689
Ion Ratio Lower Upper
107 100
121 57.3 42.3 63.5
122 96.5 75.2 112.8





#27

Bis(2-Chloroethoxy)methane

Concen: 35.136 ng/ul

RT: 10.467 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

Instrument :

BNA_G

ClientSampleId :

SLCS010

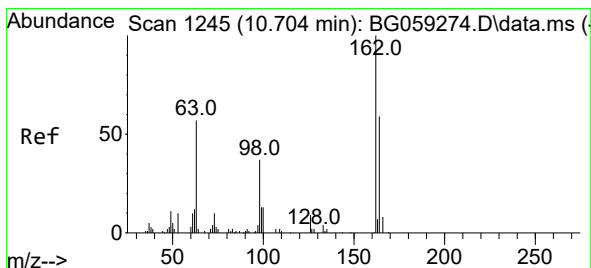
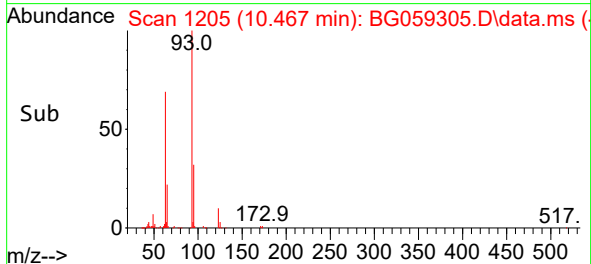
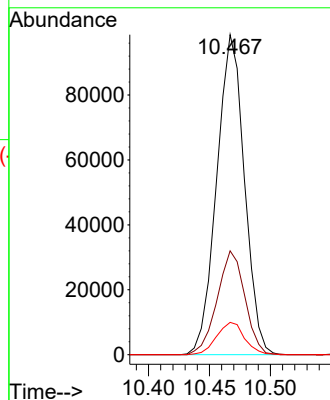
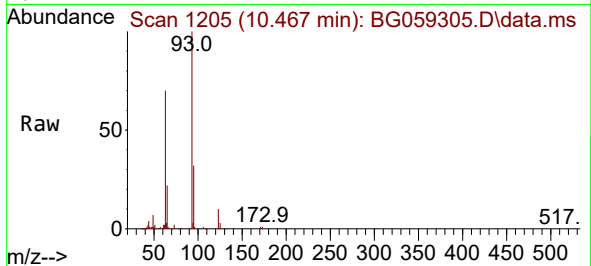
Tgt Ion: 93 Resp: 155868

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

123 10.1 7.3 10.9



#29

2,4-Dichlorophenol

Concen: 42.525 ng/ul

RT: 10.714 min Scan# 1247

Delta R.T. 0.009 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

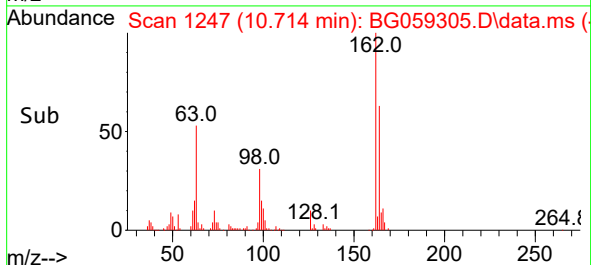
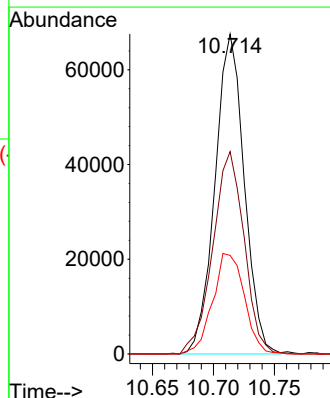
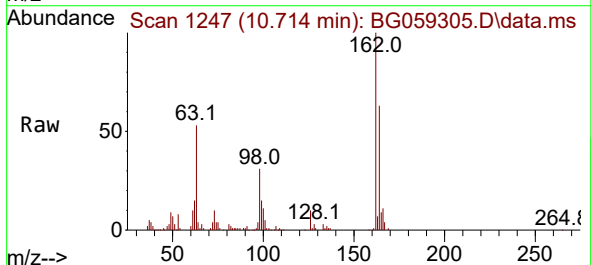
Tgt Ion:162 Resp: 112910

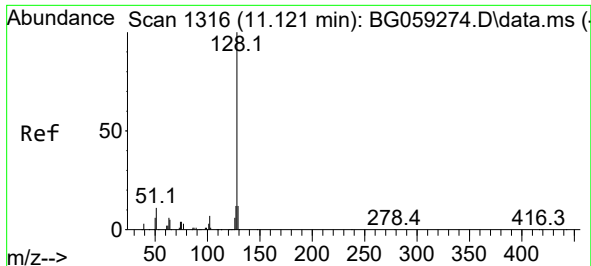
Ion Ratio Lower Upper

162 100

164 63.2 52.5 78.7

98 30.8 28.9 43.3

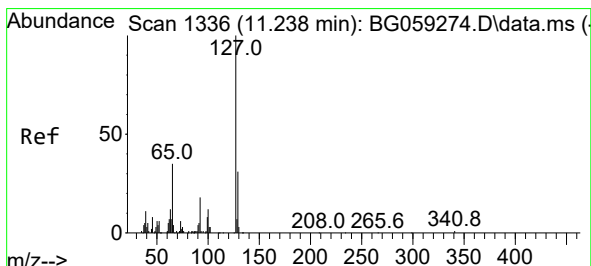
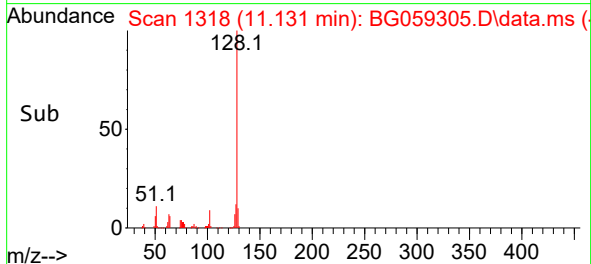
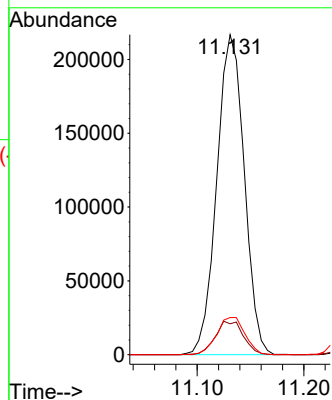
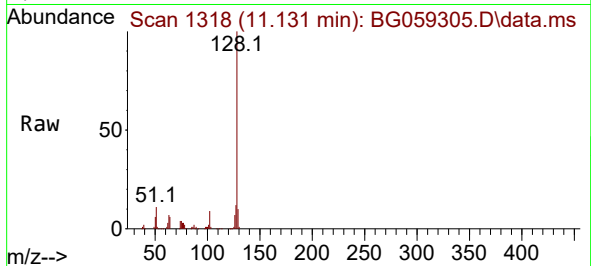




#30
Naphthalene
Concen: 38.539 ng/ul
RT: 11.131 min Scan# 1318
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

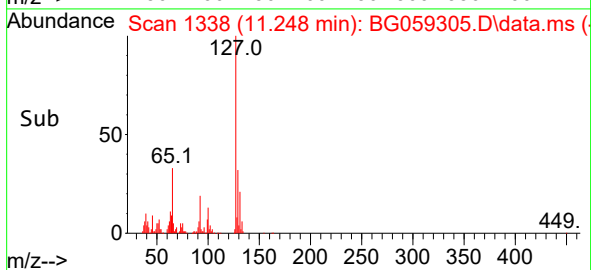
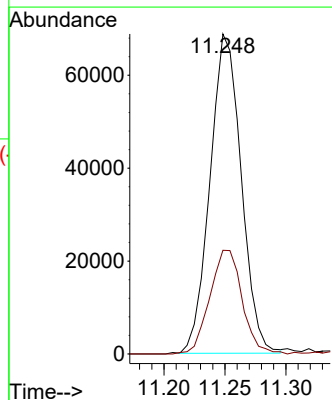
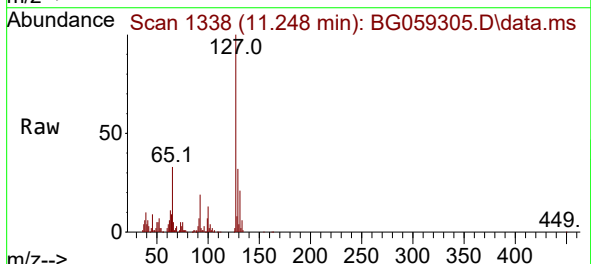
Instrument :
BNA_G
ClientSampleId :
SLCS010

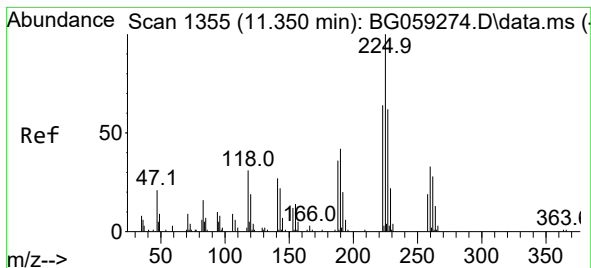
Tgt Ion:128 Resp: 387841
Ion Ratio Lower Upper
128 100
129 9.7 8.0 12.0
127 11.6 11.1 16.7



#32
4-Chloroaniline
Concen: 29.631 ng/ul
RT: 11.248 min Scan# 1338
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:127 Resp: 122452
Ion Ratio Lower Upper
127 100
129 32.4 23.6 35.4





#33

Hexachlorobutadiene

Concen: 40.600 ng/ul

RT: 11.360 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

Instrument :

BNA_G

ClientSampleId :

SLCS010

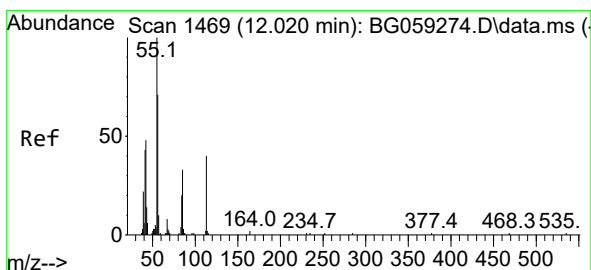
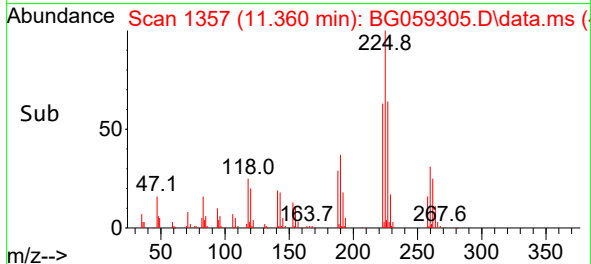
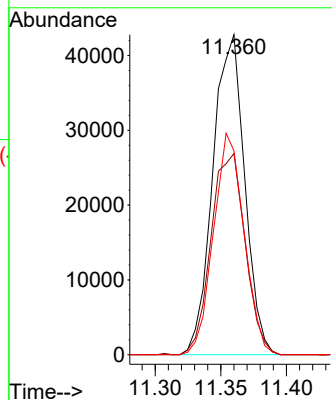
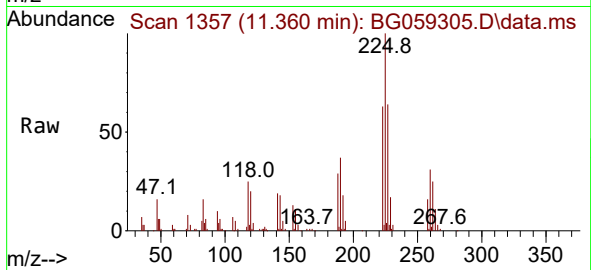
Tgt Ion:225 Resp: 72144

Ion Ratio Lower Upper

225 100

223 62.9 54.1 81.1

227 63.7 53.5 80.3



#34

Caprolactam

Concen: 29.366 ng/ul

RT: 12.036 min Scan# 1472

Delta R.T. 0.009 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

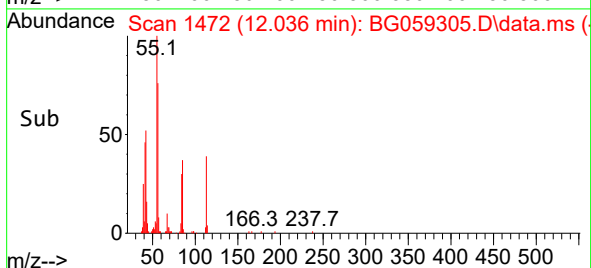
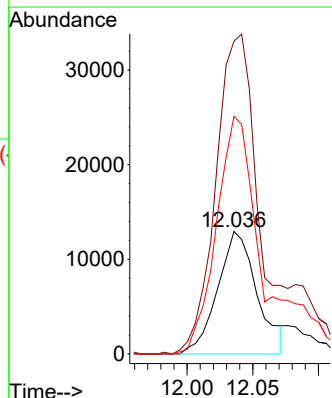
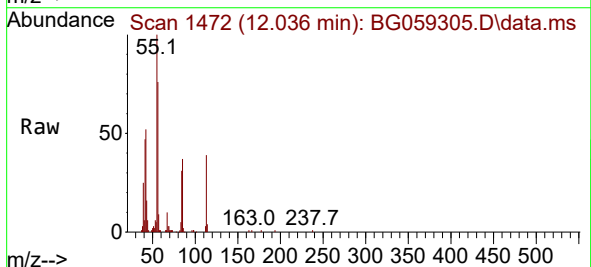
Tgt Ion:113 Resp: 26978

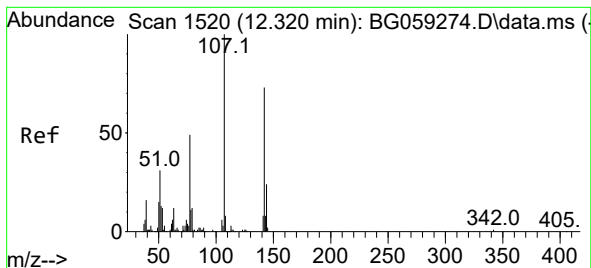
Ion Ratio Lower Upper

113 100

55 255.2 211.3 316.9

56 193.9 167.9 251.9

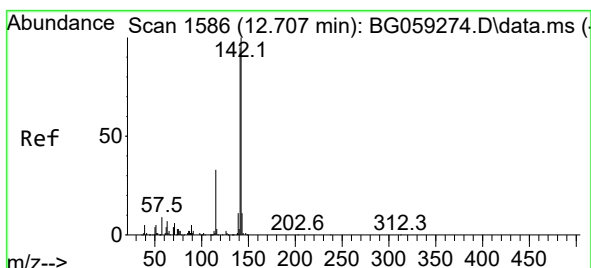
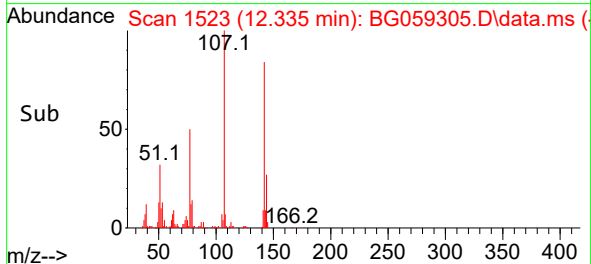
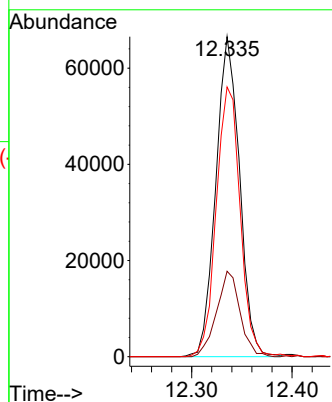
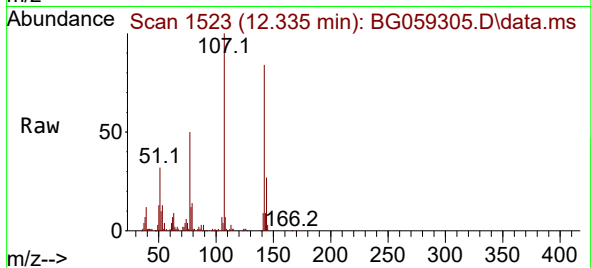




#35
4-Chloro-3-methylphenol
Concen: 38.552 ng/ul
RT: 12.335 min Scan# 1523
Delta R.T. 0.009 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

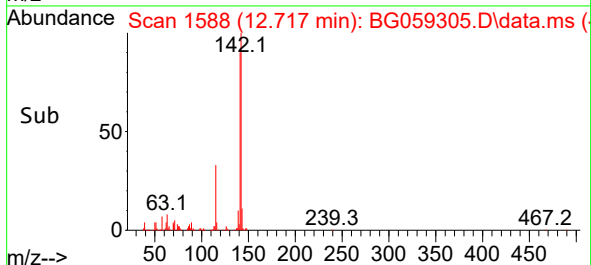
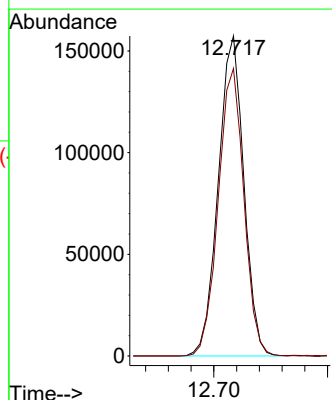
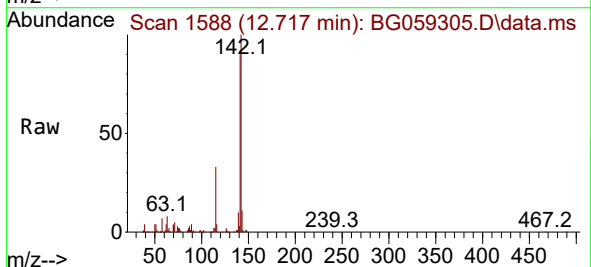
Instrument :
BNA_G
ClientSampleId :
SLCS010

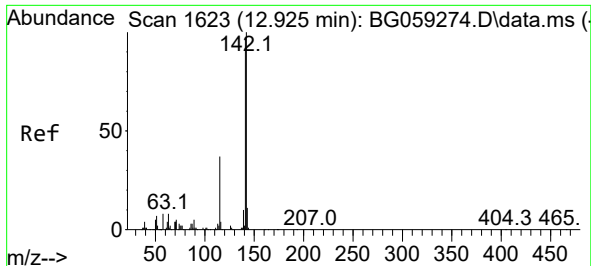
Tgt Ion:107 Resp: 109214
Ion Ratio Lower Upper
107 100
144 26.7 20.2 30.2
142 84.3 58.8 88.2



#36
2-Methylnaphthalene
Concen: 37.205 ng/ul
RT: 12.717 min Scan# 1588
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:142 Resp: 245283
Ion Ratio Lower Upper
142 100
141 89.8 70.2 105.2





#37

1-Methylnaphthalene

Concen: 36.478 ng/ul

RT: 12.935 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

Instrument :

BNA_G

ClientSampleId :

SLCS010

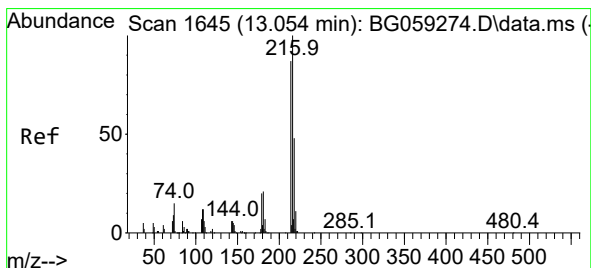
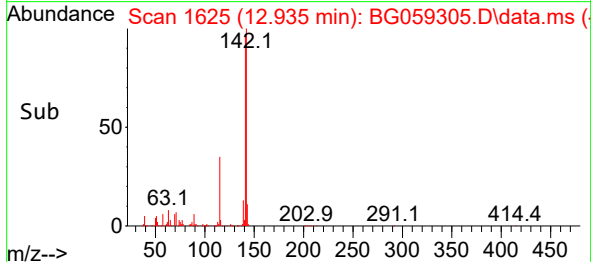
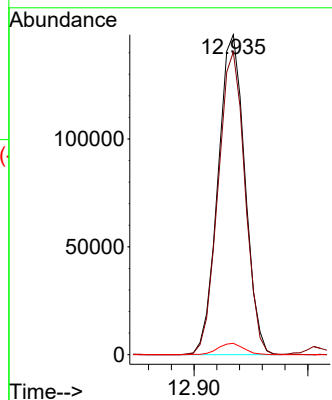
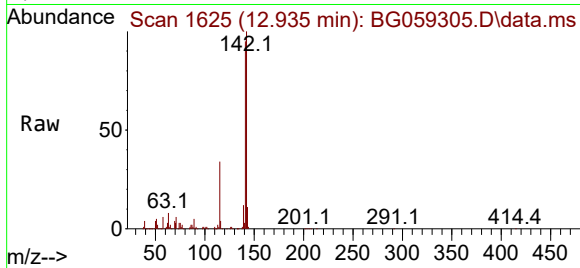
Tgt Ion:142 Resp: 244082

Ion Ratio Lower Upper

142 100

141 94.6 71.6 107.4

116 3.5 2.3 3.5#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.918 ng/ul

RT: 13.064 min Scan# 1647

Delta R.T. 0.009 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

Tgt Ion:216 Resp: 130683

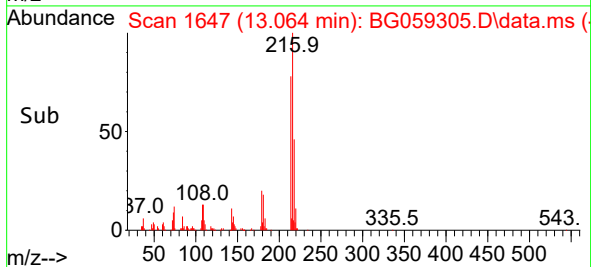
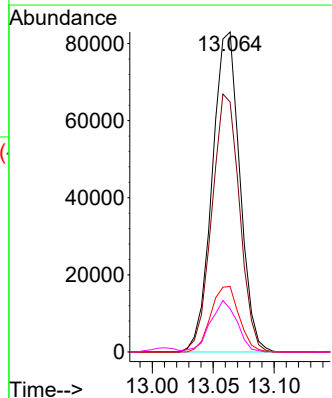
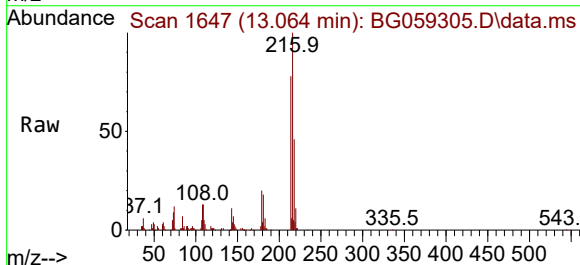
Ion Ratio Lower Upper

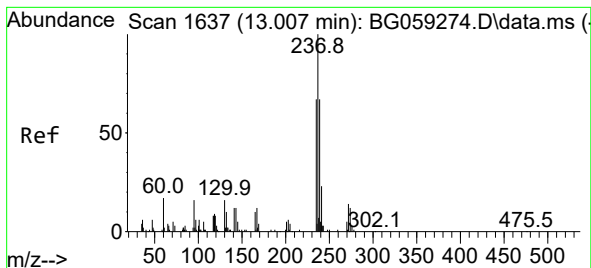
216 100

214 78.1 62.4 93.6

179 20.4 16.3 24.5

108 13.5 13.0 19.6





#40

Hexachlorocyclopentadiene

Concen: 23.334 ng/ul

RT: 13.011 min Scan# 1638

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

Instrument :

BNA_G

ClientSampleId :

SLCS010

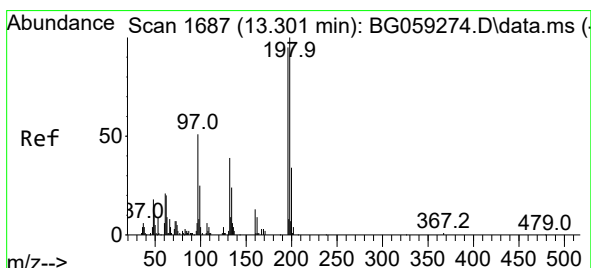
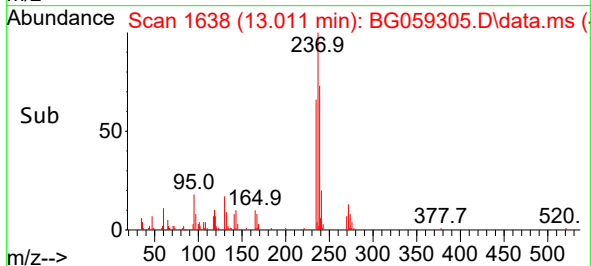
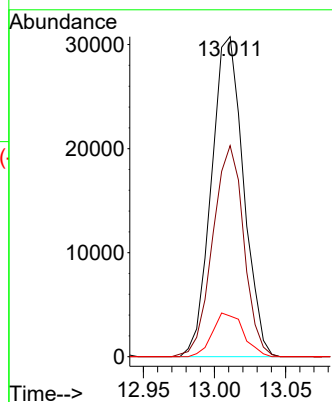
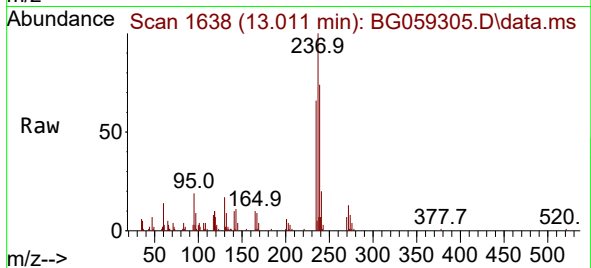
Tgt Ion:237 Resp: 48332

Ion Ratio Lower Upper

237 100

235 66.0 50.6 76.0

272 12.7 11.7 17.5



#41

2,4,6-Trichlorophenol

Concen: 42.378 ng/ul

RT: 13.305 min Scan# 1688

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

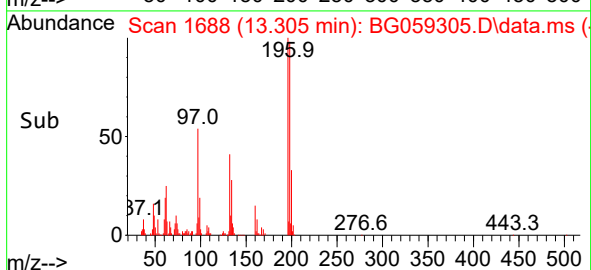
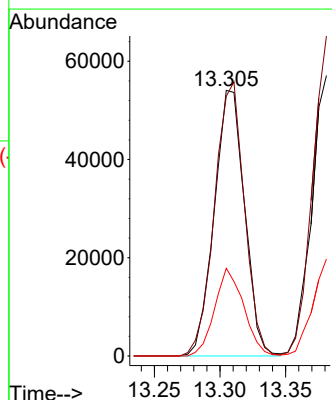
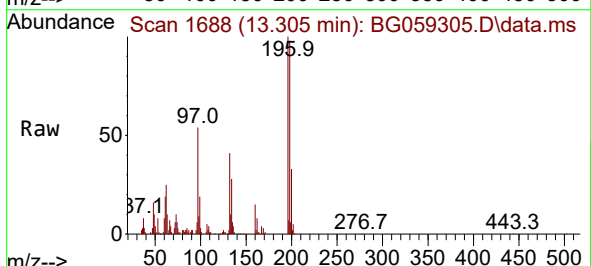
Tgt Ion:196 Resp: 87123

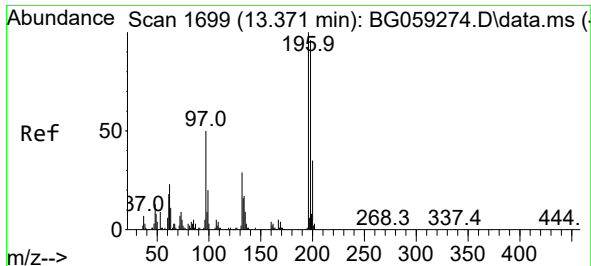
Ion Ratio Lower Upper

196 100

198 97.8 72.4 108.6

200 33.0 23.8 35.8

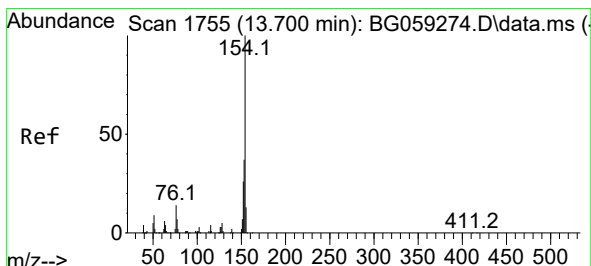
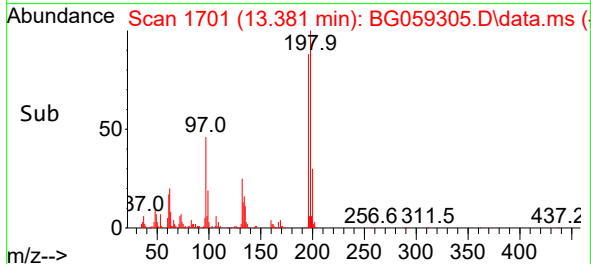
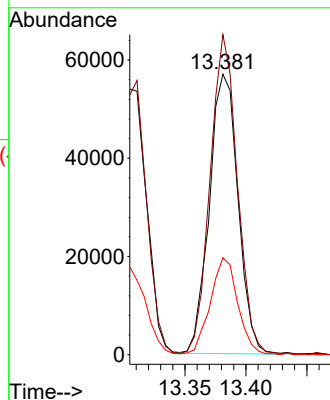
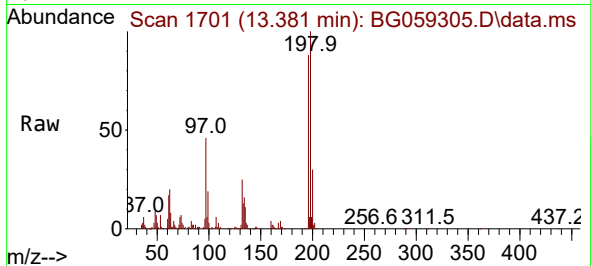




#42
2,4,5-Trichlorophenol
Concen: 43.180 ng/ul
RT: 13.381 min Scan# 1
Delta R.T. 0.009 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

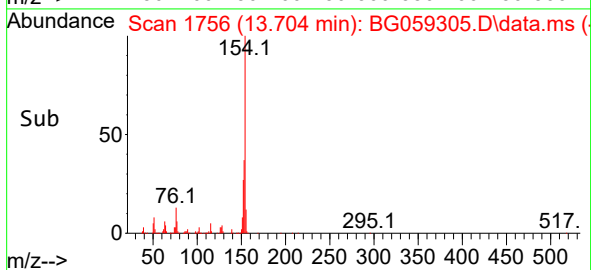
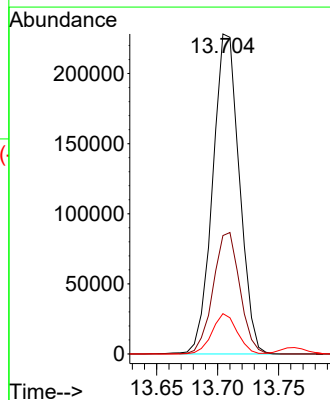
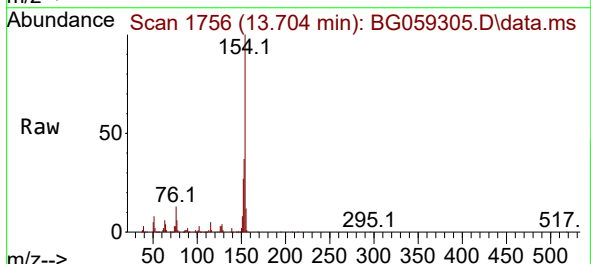
Instrument :
BNA_G
ClientSampleId :
SLCS010

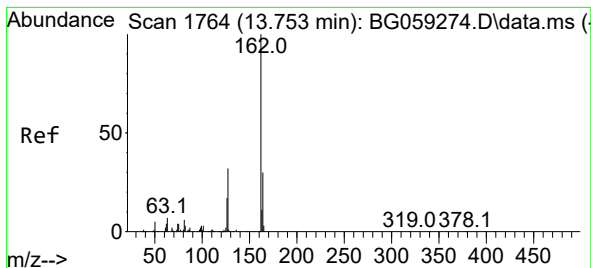
Tgt Ion:196 Resp: 93148
Ion Ratio Lower Upper
196 100
198 114.1 82.2 123.4
200 34.6 28.2 42.2



#43
1,1'-Biphenyl
Concen: 38.332 ng/ul
RT: 13.704 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:154 Resp: 347222
Ion Ratio Lower Upper
154 100
153 37.0 29.2 43.8
76 12.6 10.1 15.1





#44

2-Chloronaphthalene

Concen: 38.647 ng/ul

RT: 13.763 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

Instrument :

BNA_G

ClientSampleId :

SLCS010

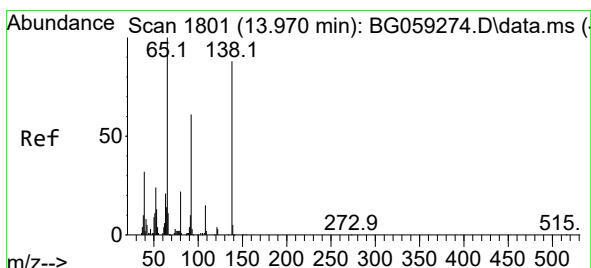
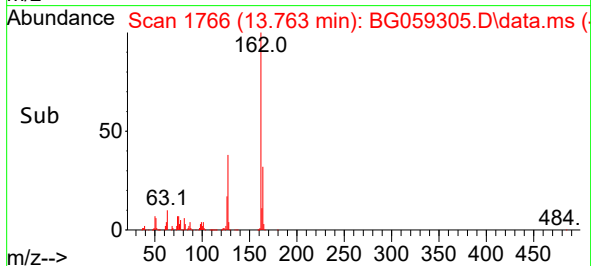
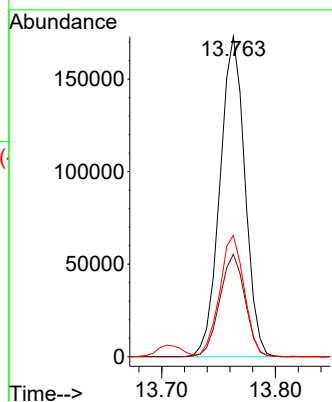
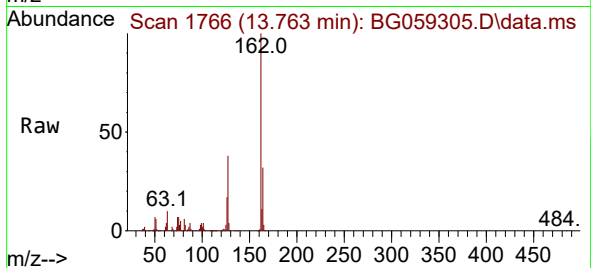
Tgt Ion:162 Resp: 263569

Ion Ratio Lower Upper

162 100

164 32.0 24.6 37.0

127 37.9 28.1 42.1



#45

2-Nitroaniline

Concen: 43.165 ng/ul

RT: 13.980 min Scan# 1803

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

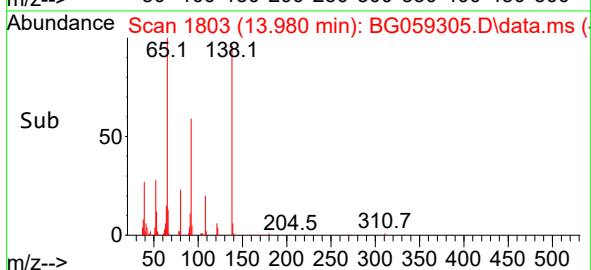
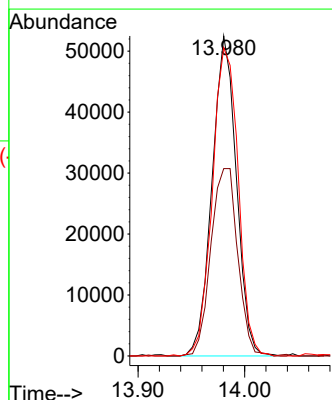
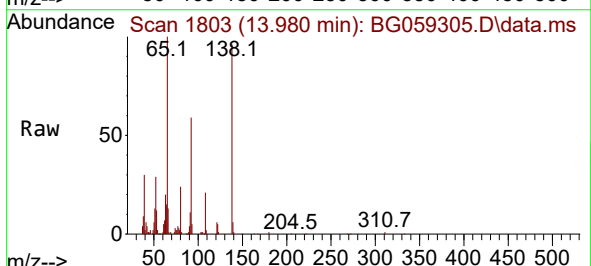
Tgt Ion: 65 Resp: 83038

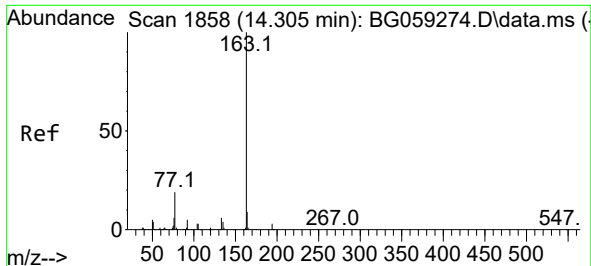
Ion Ratio Lower Upper

65 100

92 58.5 51.0 76.4

138 96.3 80.5 120.7

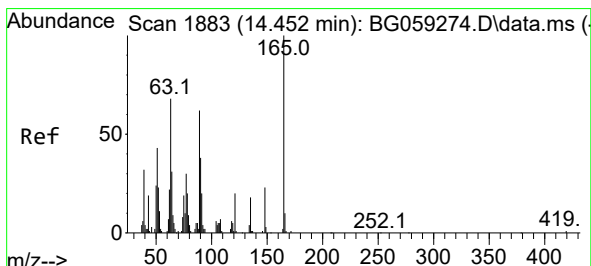
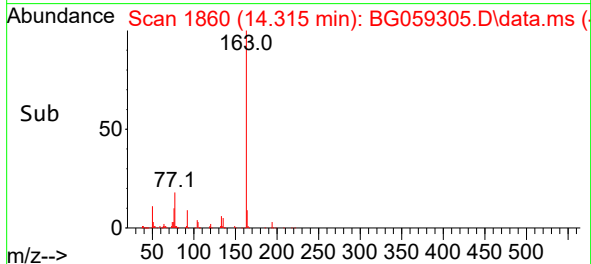
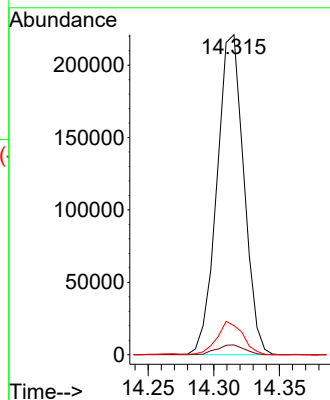
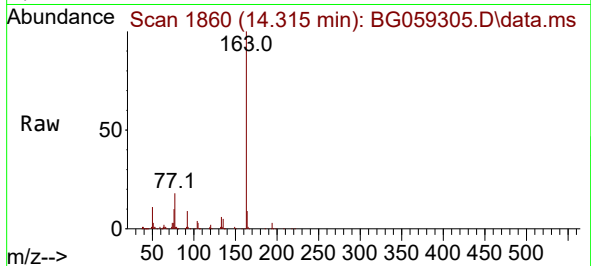




#47
Dimethylphthalate
Concen: 37.872 ng/ul
RT: 14.315 min Scan# 1860
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

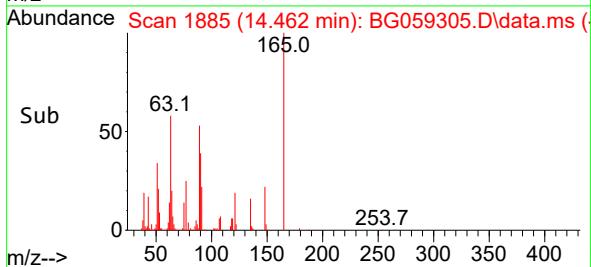
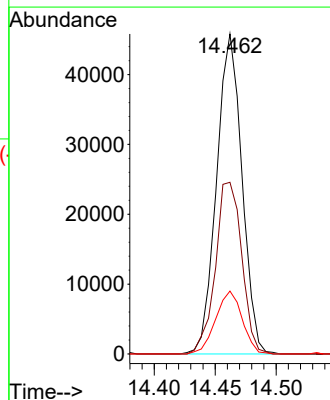
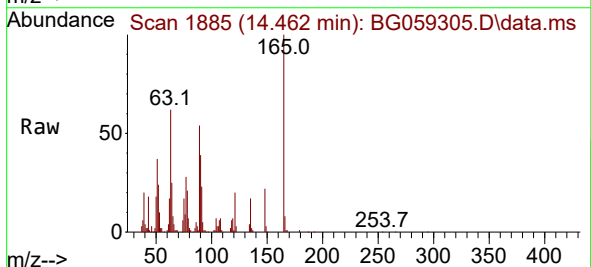
Instrument :
BNA_G
ClientSampleId :
SLCS010

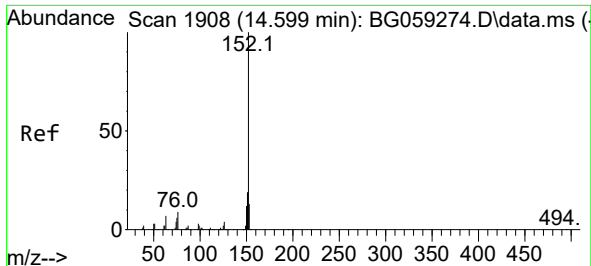
Tgt Ion:163 Resp: 314562
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.1 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 47.004 ng/ul
RT: 14.462 min Scan# 1885
Delta R.T. 0.009 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:165 Resp: 66402
Ion Ratio Lower Upper
165 100
89 53.7 53.0 79.4
121 19.6 19.2 28.8

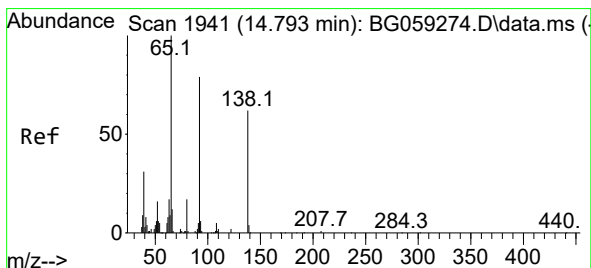
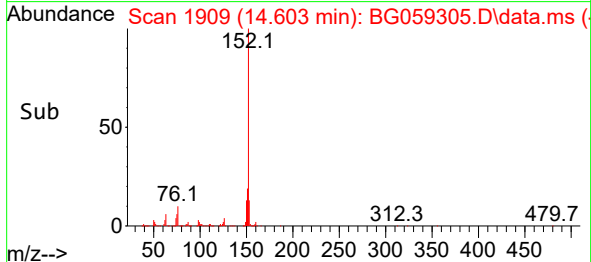
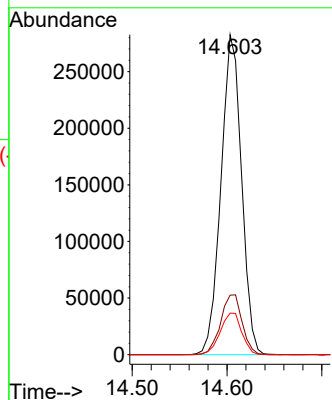
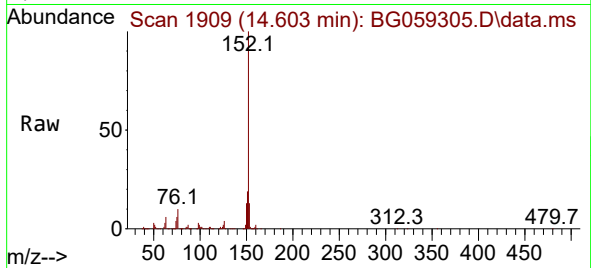




#50
Acenaphthylene
Concen: 39.262 ng/ul
RT: 14.603 min Scan# 1909
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

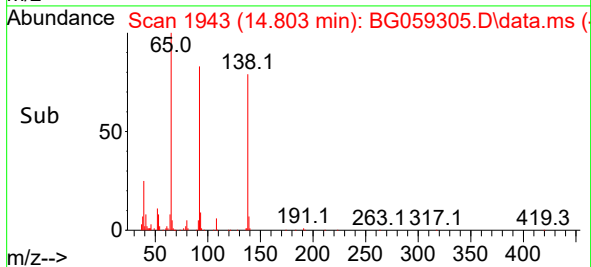
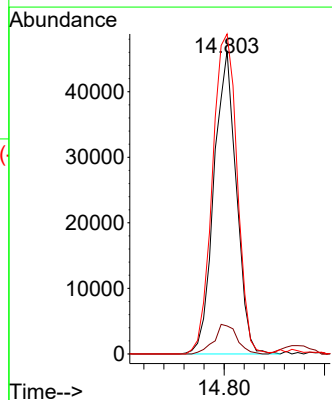
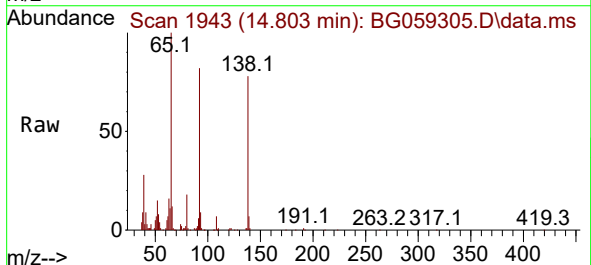
Instrument :
BNA_G
ClientSampleId :
SLCS010

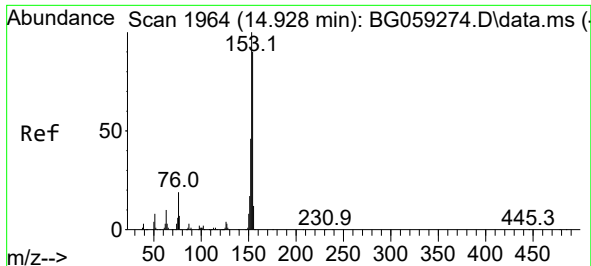
Tgt Ion:152 Resp: 426566
Ion Ratio Lower Upper
152 100
151 18.6 14.6 21.8
153 13.0 10.9 16.3



#51
3-Nitroaniline
Concen: 46.899 ng/ul
RT: 14.803 min Scan# 1943
Delta R.T. 0.009 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:138 Resp: 71522
Ion Ratio Lower Upper
138 100
108 9.3 10.0 15.0#
92 105.6 95.0 142.6

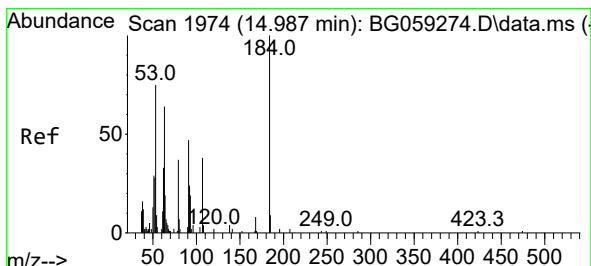
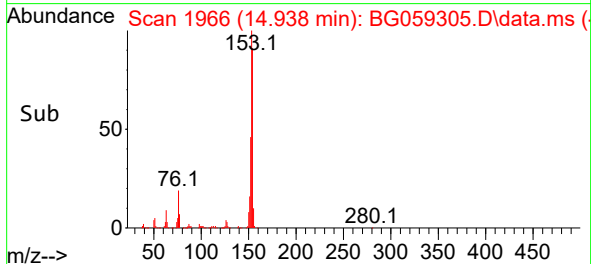
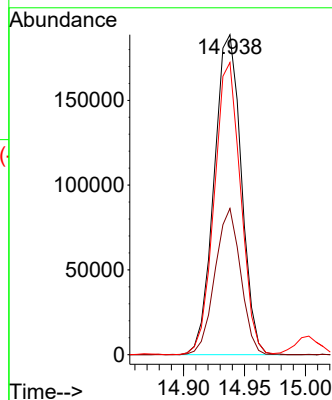
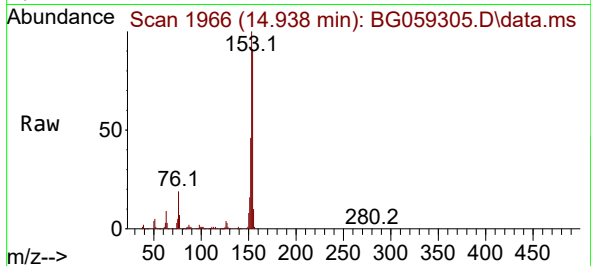




#52
Acenaphthene
Concen: 39.322 ng/ul
RT: 14.938 min Scan# 1966
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

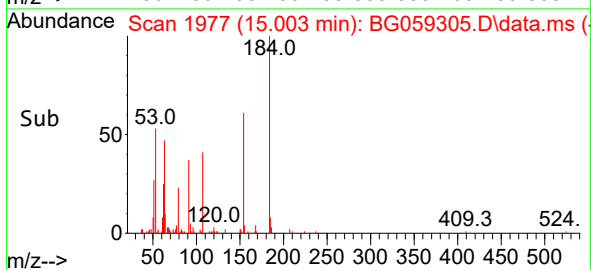
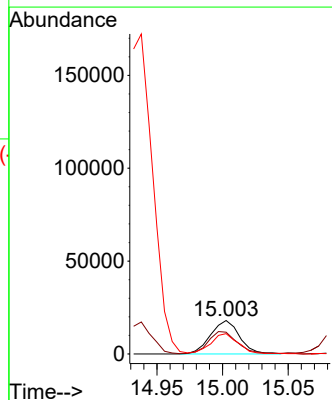
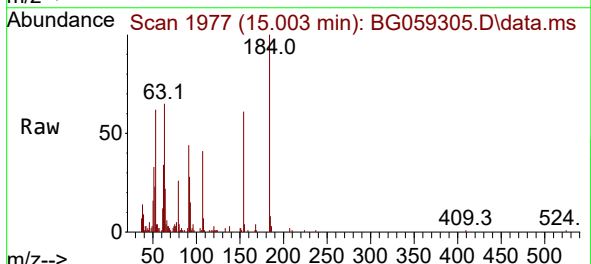
Instrument :
BNA_G
ClientSampleId :
SLCS010

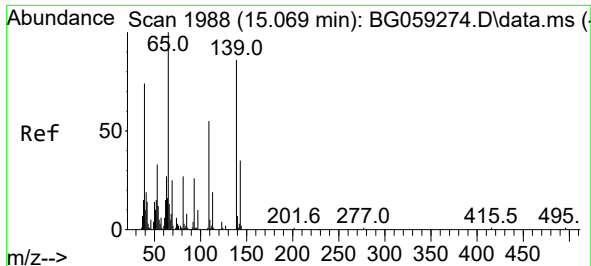
Tgt Ion:153 Resp: 293243
Ion Ratio Lower Upper
153 100
152 45.7 38.5 57.7
154 91.3 76.3 114.5



#53
2,4-Dinitrophenol
Concen: 35.223 ng/ul
RT: 15.003 min Scan# 1977
Delta R.T. 0.015 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:184 Resp: 27660
Ion Ratio Lower Upper
184 100
63 65.1 69.9 104.9#
154 60.9 38.6 58.0#

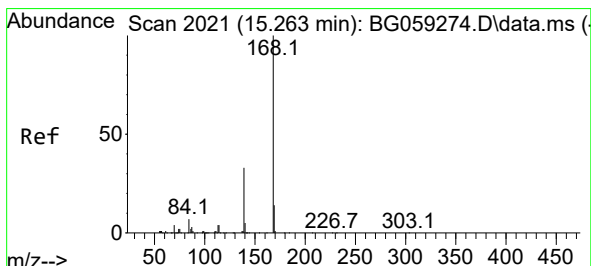
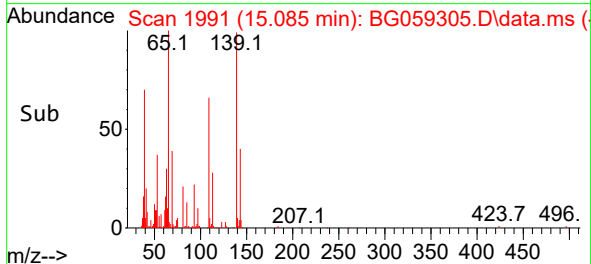
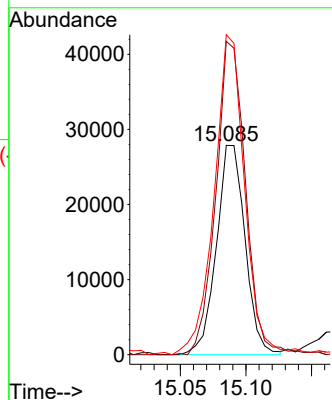
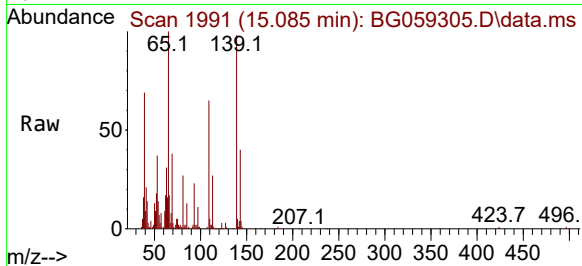




#55
4-Nitrophenol
Concen: 42.416 ng/ul
RT: 15.085 min Scan# 1988
Delta R.T. 0.015 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

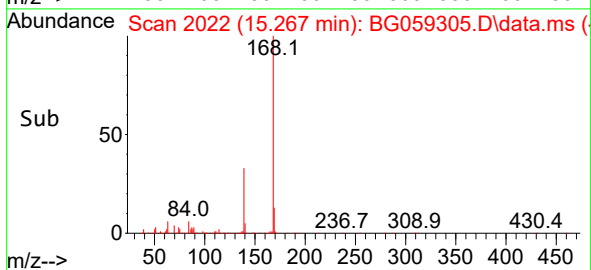
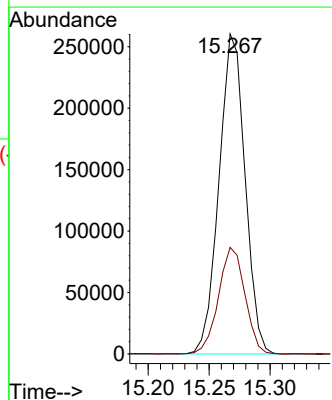
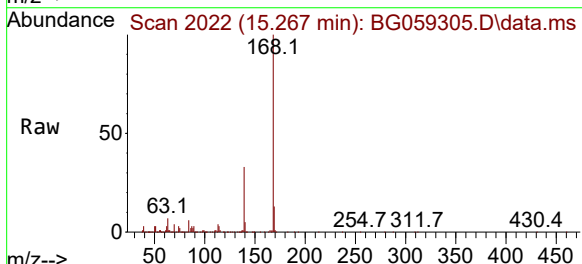
Instrument :
BNA_G
ClientSampleId :
SLCS010

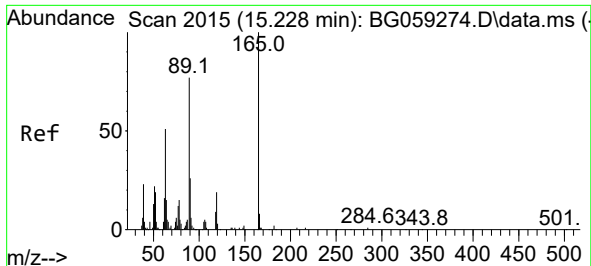
Tgt Ion:109 Resp: 42369
Ion Ratio Lower Upper
109 100
139 149.8 115.5 173.3
65 152.9 122.8 184.2



#56
Dibenzofuran
Concen: 39.190 ng/ul
RT: 15.267 min Scan# 2022
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:168 Resp: 387401
Ion Ratio Lower Upper
168 100
139 33.3 26.6 39.8





#57

2,4-Dinitrotoluene

Concen: 46.152 ng/ul

RT: 15.244 min Scan# 2015

Delta R.T. 0.009 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

Instrument :

BNA_G

ClientSampleId :

SLCS010

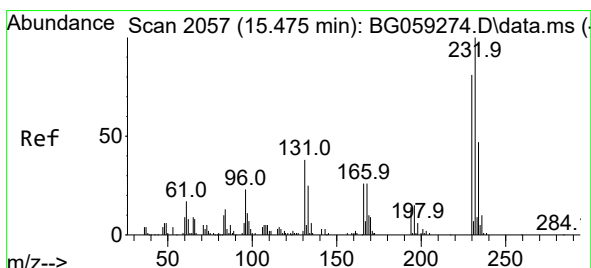
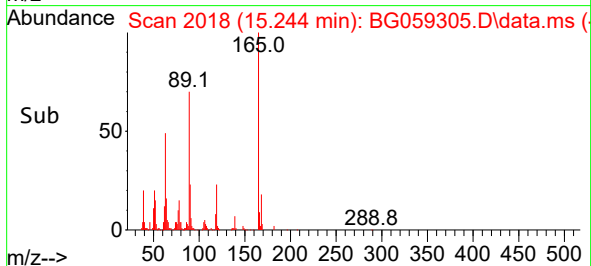
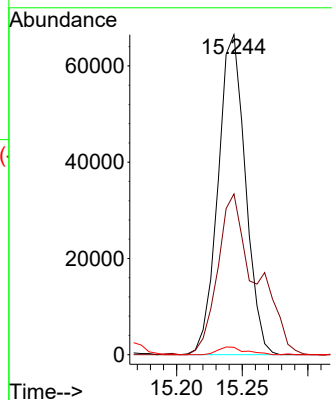
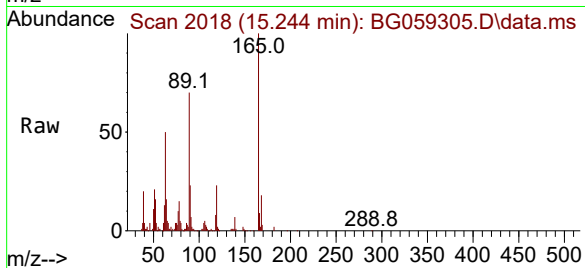
Tgt Ion:165 Resp: 96537

Ion Ratio Lower Upper

165 100

63 50.2 43.5 65.3

182 2.3 1.8 2.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.097 ng/ul

RT: 15.479 min Scan# 2058

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

Tgt Ion:232 Resp: 82212

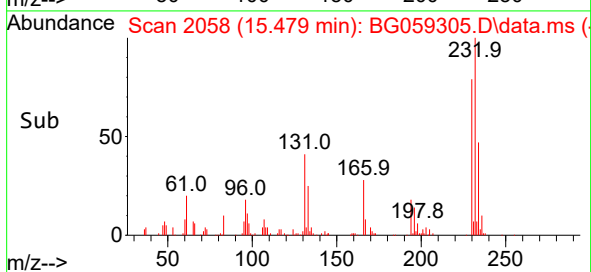
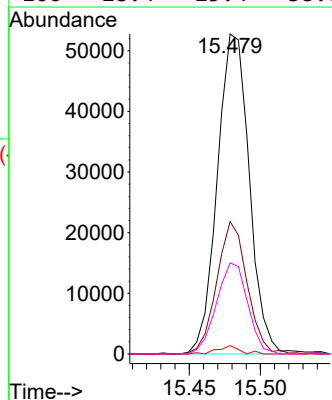
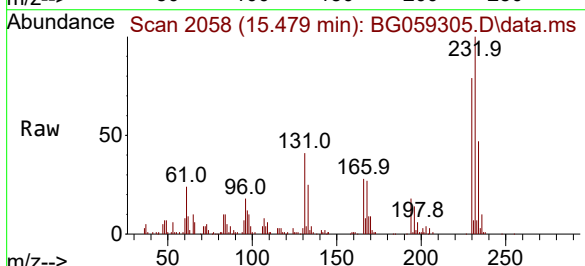
Ion Ratio Lower Upper

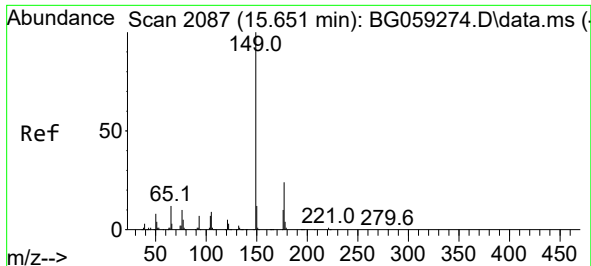
232 100

131 41.3 33.9 50.9

130 2.6 1.5 2.3#

166 28.4 25.4 38.0





#59

Diethylphthalate

Concen: 38.699 ng/ul

RT: 15.655 min Scan# 2088

Delta R.T. -0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

Instrument :

BNA_G

ClientSampleId :

SLCS010

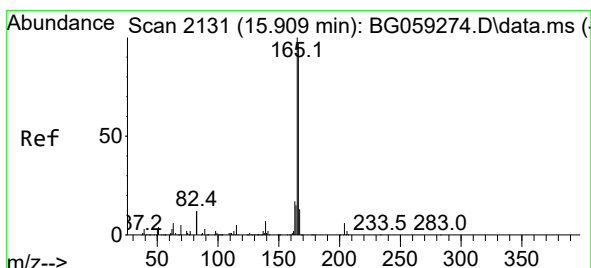
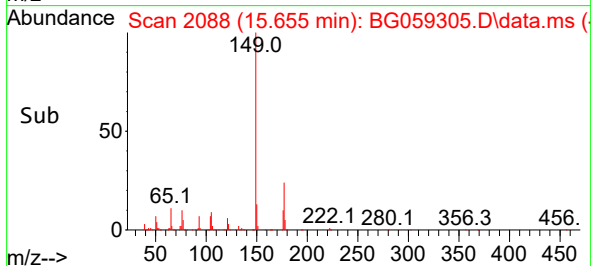
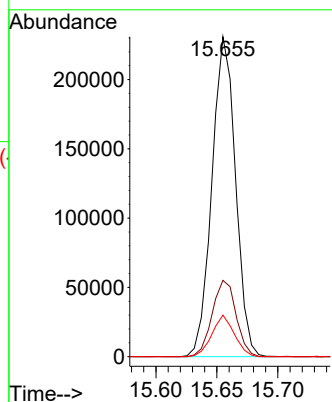
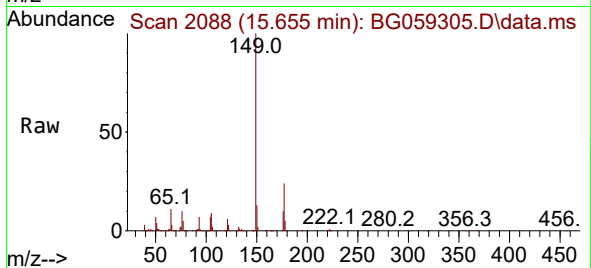
Tgt Ion:149 Resp: 310739

Ion Ratio Lower Upper

149 100

177 23.9 17.3 25.9

150 13.0 10.0 15.0



#61

Fluorene

Concen: 40.109 ng/ul

RT: 15.913 min Scan# 2132

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

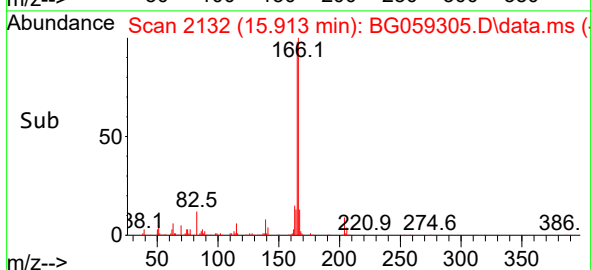
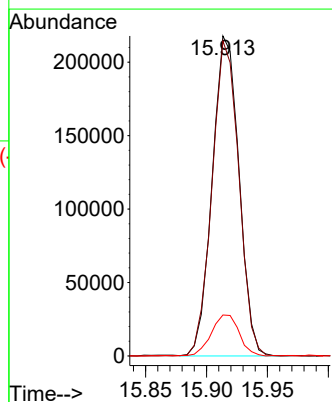
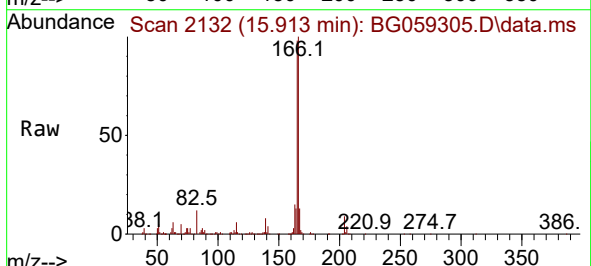
Tgt Ion:166 Resp: 332907

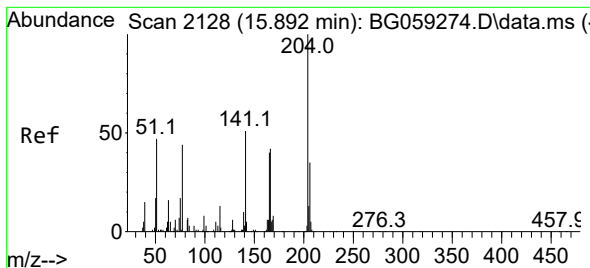
Ion Ratio Lower Upper

166 100

165 98.4 78.6 118.0

167 12.8 11.8 17.8

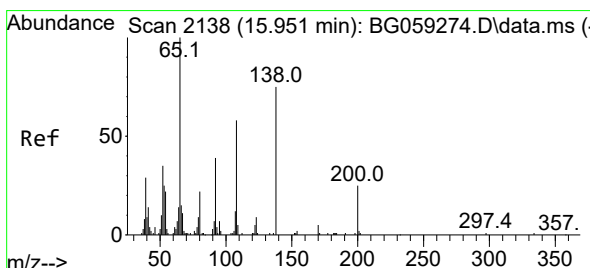
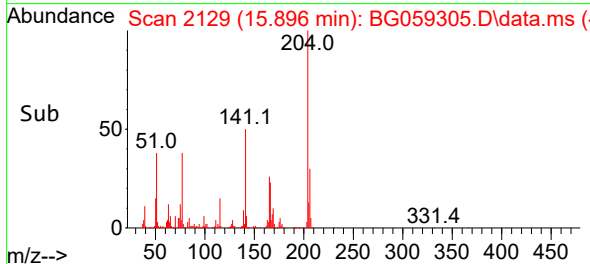
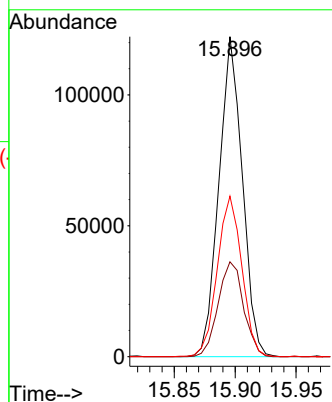
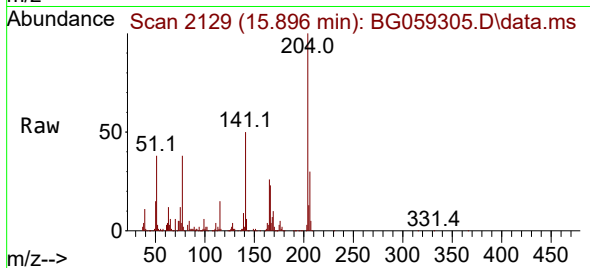




#62
4-Chlorophenyl-phenylether
Concen: 39.490 ng/ul
RT: 15.896 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

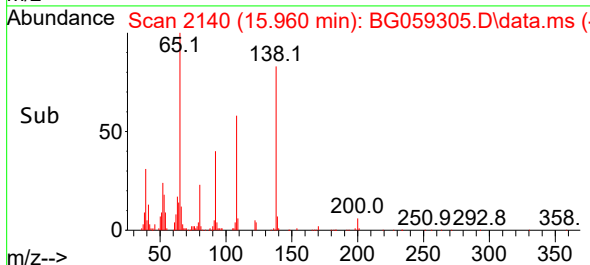
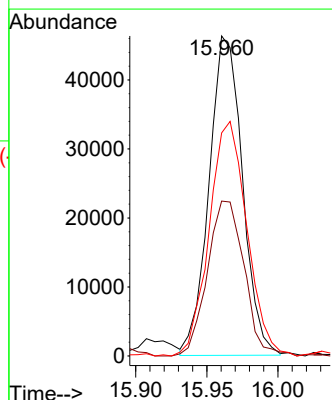
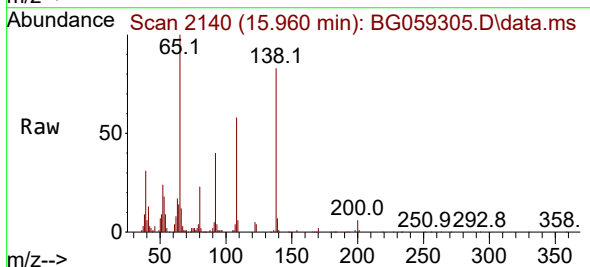
Instrument :
BNA_G
ClientSampleId :
SLCS010

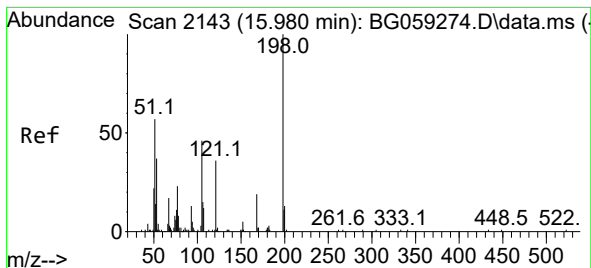
Tgt Ion:204 Resp: 163393
Ion Ratio Lower Upper
204 100
206 29.7 23.7 35.5
141 50.1 41.6 62.4



#63
4-Nitroaniline
Concen: 53.928 ng/ul
RT: 15.960 min Scan# 2140
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:138 Resp: 75685
Ion Ratio Lower Upper
138 100
92 48.4 41.0 61.6
108 69.7 57.0 85.4

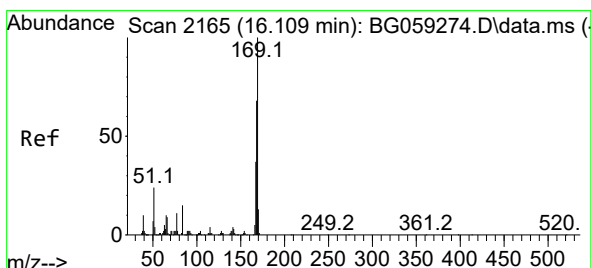
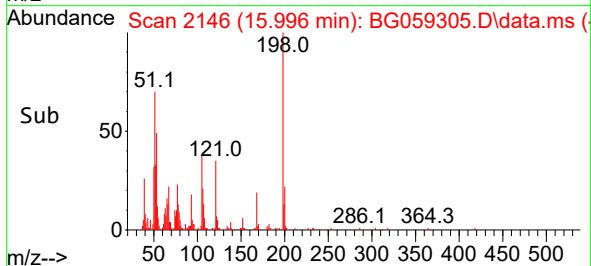
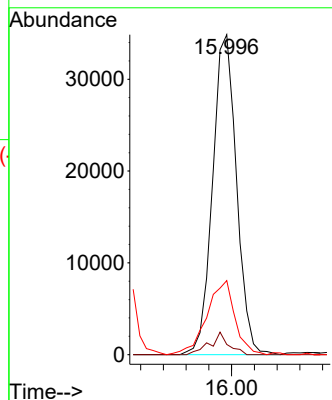
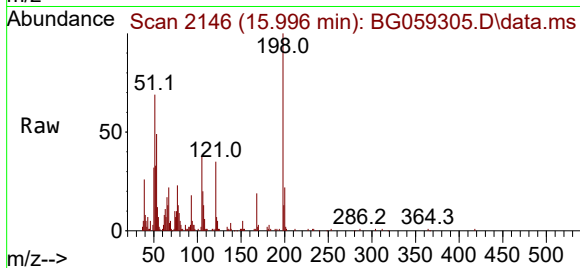




#66
4,6-Dinitro-2-methylphenol
Concen: 38.477 ng/ul
RT: 15.996 min Scan# 2143
Delta R.T. 0.015 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

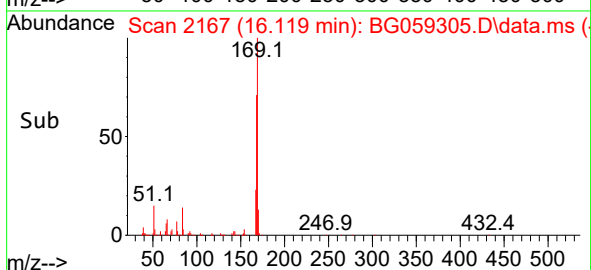
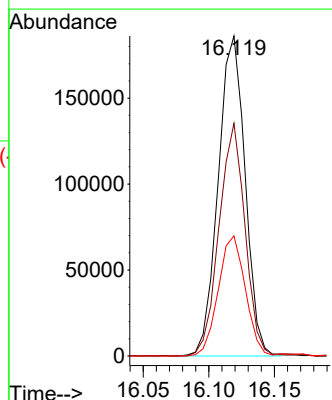
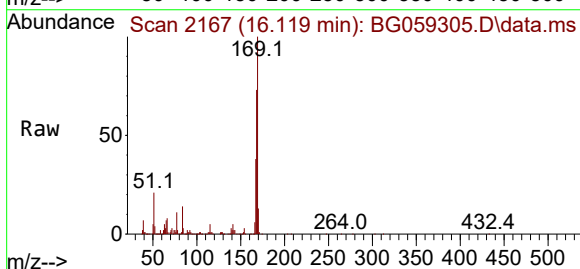
Instrument :
BNA_G
ClientSampleId :
SLCS010

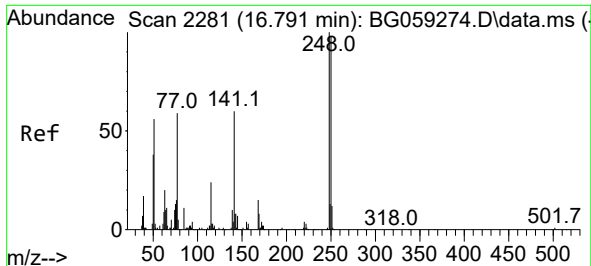
Tgt Ion:198 Resp: 51007
Ion Ratio Lower Upper
198 100
182 3.2 4.4 6.6#
77 23.2 23.2 34.8#



#67
N-Nitrosodiphenylamine
Concen: 40.646 ng/ul
RT: 16.119 min Scan# 2167
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:169 Resp: 265002
Ion Ratio Lower Upper
169 100
168 72.7 57.0 85.6
167 37.5 29.8 44.6

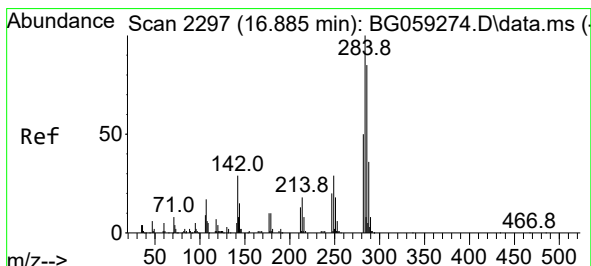
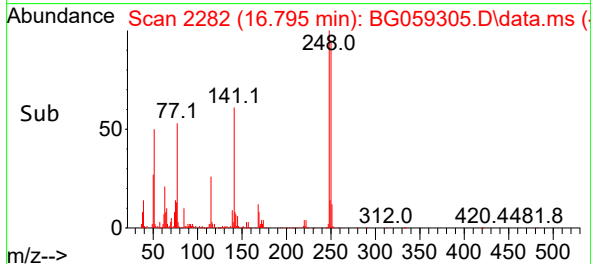
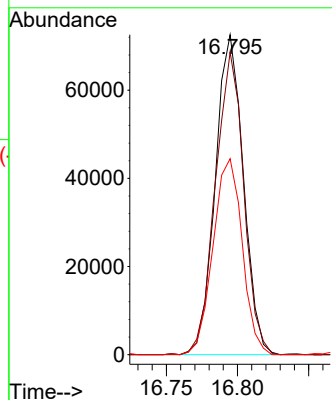
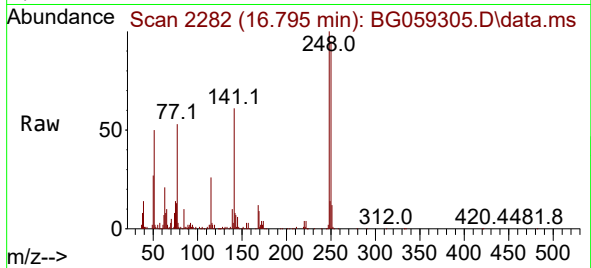




#68
4-Bromophenyl-phenylether
Concen: 42.115 ng/ul
RT: 16.795 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

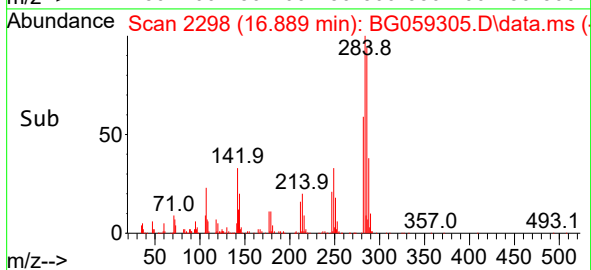
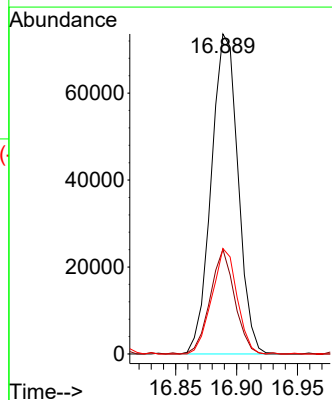
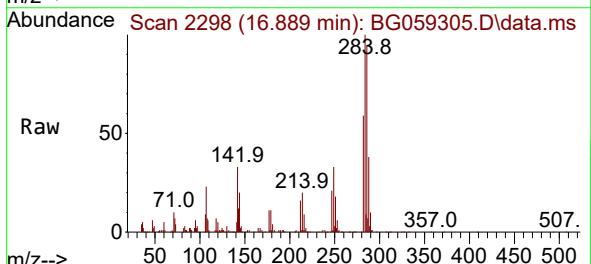
Instrument :
BNA_G
ClientSampleId :
SLCS010

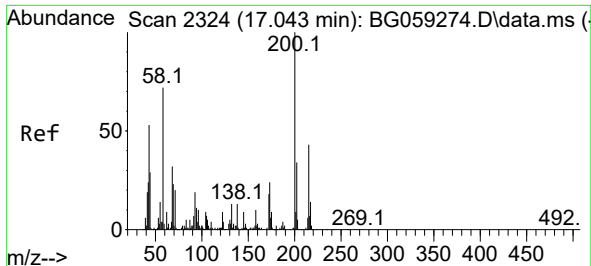
Tgt Ion:248 Resp: 99792
Ion Ratio Lower Upper
248 100
250 94.6 78.9 118.3
141 61.3 49.6 74.4



#69
Hexachlorobenzene
Concen: 42.033 ng/ul
RT: 16.889 min Scan# 2298
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:284 Resp: 112519
Ion Ratio Lower Upper
284 100
142 32.7 26.8 40.2
249 33.0 24.2 36.4

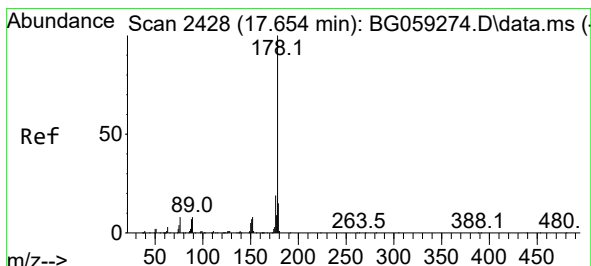
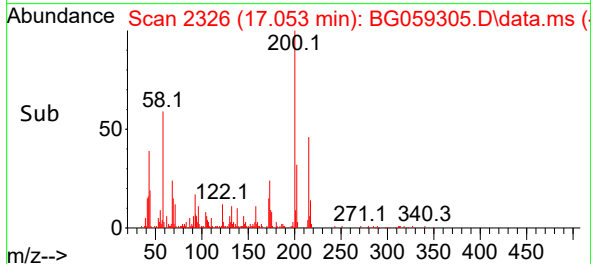
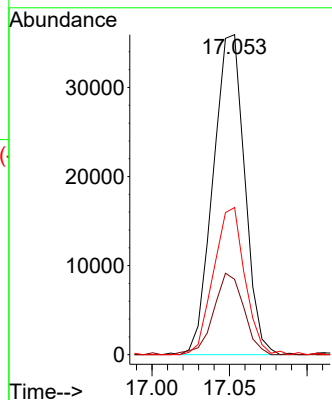
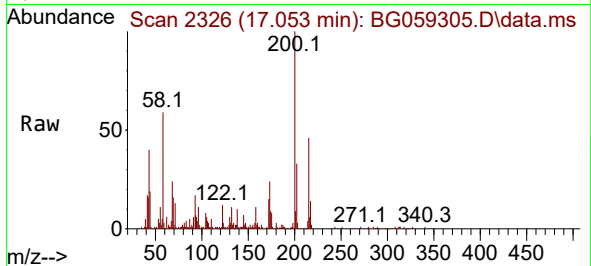




#70
Atrazine
Concen: 20.472 ng/ul
RT: 17.053 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

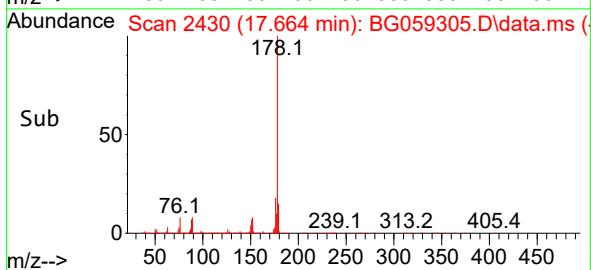
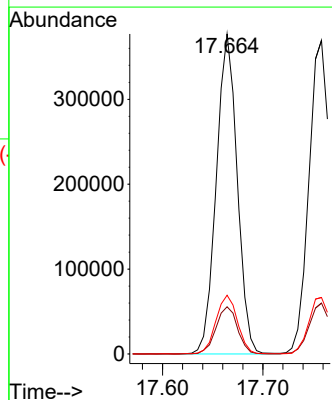
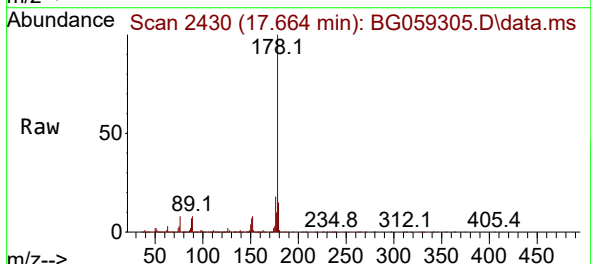
Instrument :
BNA_G
ClientSampleId :
SLCS010

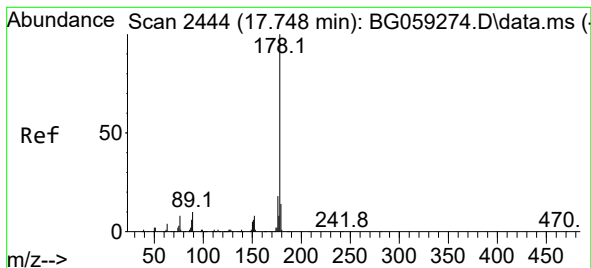
Tgt Ion:200 Resp: 50753
Ion Ratio Lower Upper
200 100
173 23.5 17.4 26.0
215 46.0 35.8 53.6



#72
Phenanthrene
Concen: 40.629 ng/ul
RT: 17.664 min Scan# 2430
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:178 Resp: 545362
Ion Ratio Lower Upper
178 100
179 14.8 12.3 18.5
176 18.4 14.6 21.8





#74

Anthracene

Concen: 39.228 ng/uI

RT: 17.758 min Scan# 24

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

Instrument :

BNA_G

ClientSampleId :

SLCS010

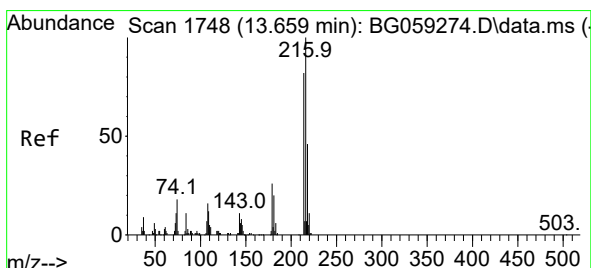
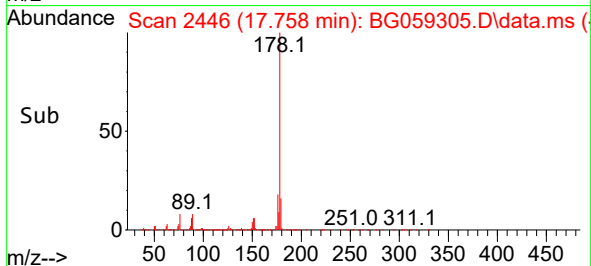
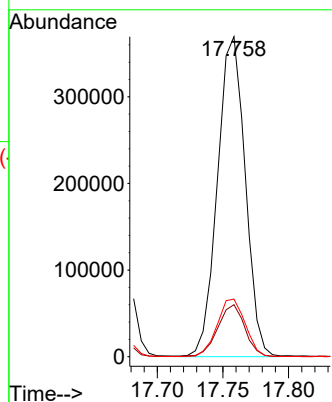
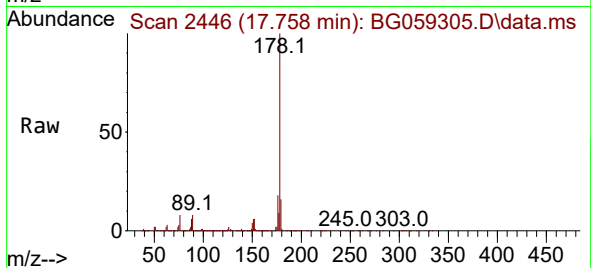
Tgt Ion:178 Resp: 543693

Ion Ratio Lower Upper

178 100

179 16.3 12.0 18.0

176 18.0 14.5 21.7



#75

1,2,3,4-Tetrachlorobenzene

Concen: 40.026 ng/uI

RT: 13.669 min Scan# 1750

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

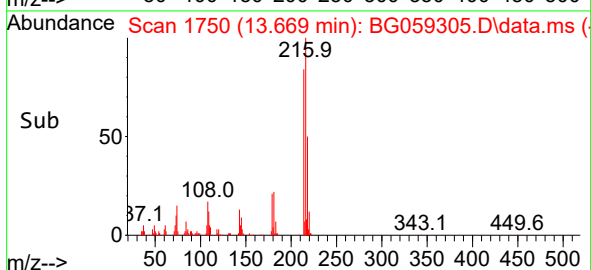
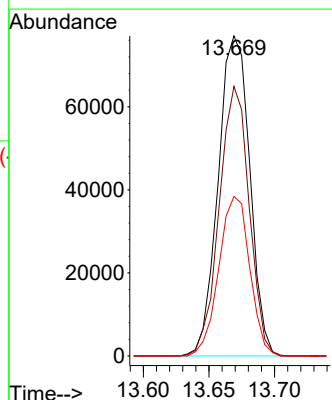
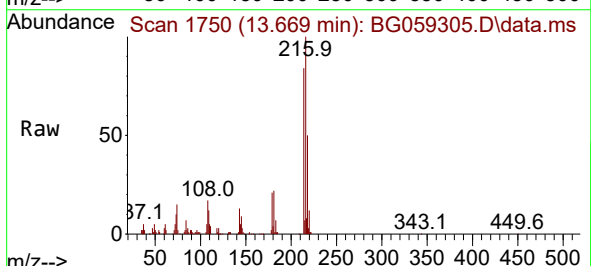
Tgt Ion:216 Resp: 129010

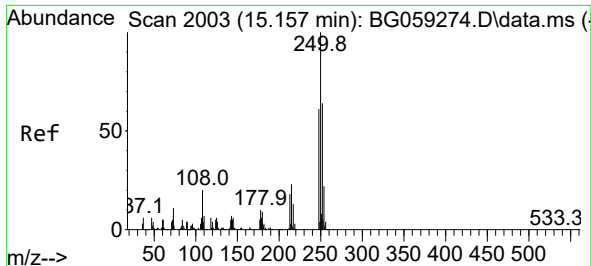
Ion Ratio Lower Upper

216 100

214 84.2 64.3 96.5

218 49.9 38.6 57.8

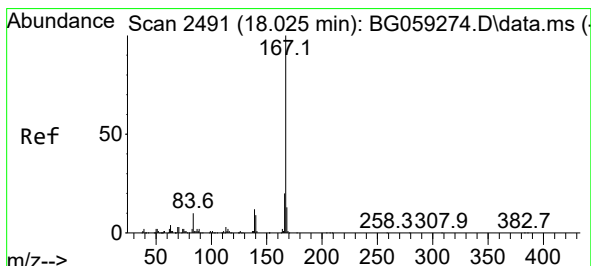
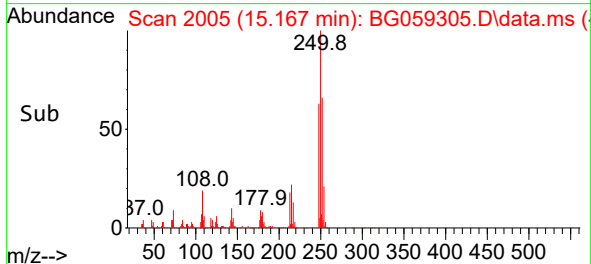
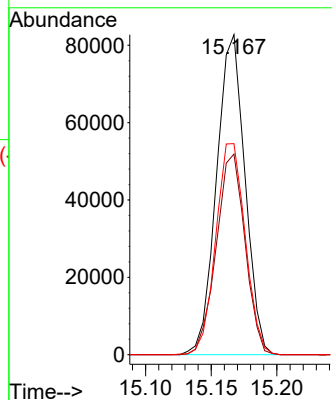
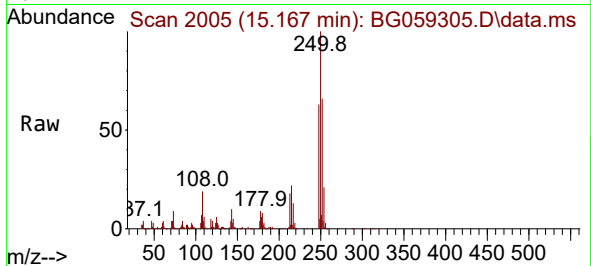




#76
 Pentachlorobenzene
 Concen: 39.246 ng/uL
 RT: 15.167 min Scan# 2003
 Delta R.T. 0.009 min
 Lab File: BG059305.D
 Acq: 5 Oct 2023 20:50

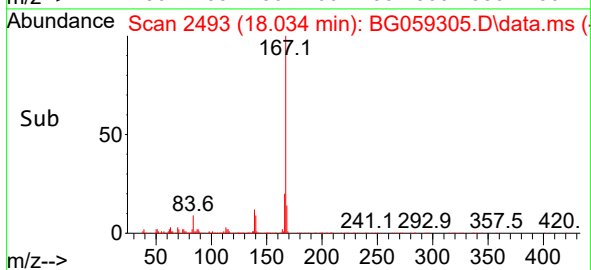
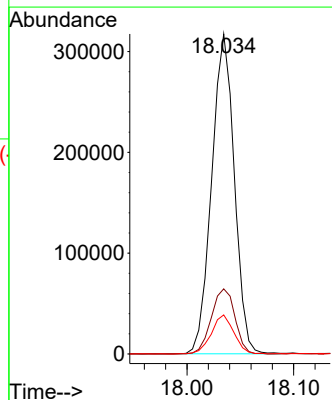
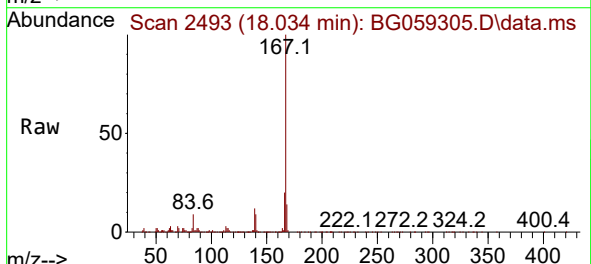
Instrument :
 BNA_G
 ClientSampleId :
 SLCS010

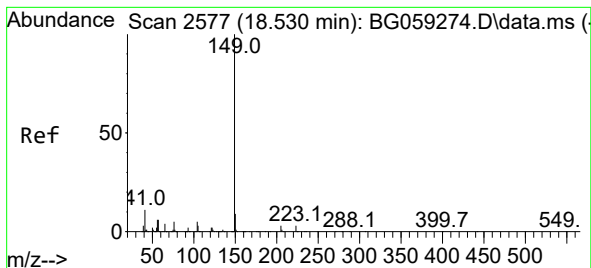
Tgt Ion:250 Resp: 124903
 Ion Ratio Lower Upper
 250 100
 248 62.7 50.4 75.6
 252 66.0 55.8 83.6



#77
 Carbazole
 Concen: 41.357 ng/uL
 RT: 18.034 min Scan# 2493
 Delta R.T. 0.003 min
 Lab File: BG059305.D
 Acq: 5 Oct 2023 20:50

Tgt Ion:167 Resp: 467188
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.4 26.0
 139 12.2 9.0 13.4





#78

Di-n-butylphthalate

Concen: 41.564 ng/ul

RT: 18.534 min Scan# 2

Delta R.T. -0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

Instrument :

BNA_G

ClientSampleId :

SLCS010

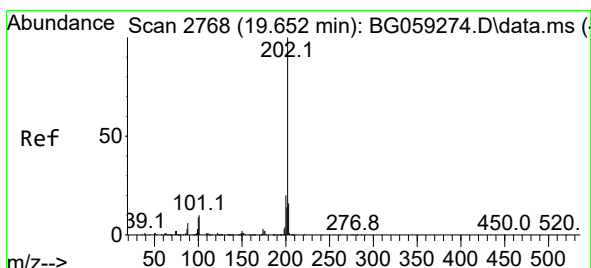
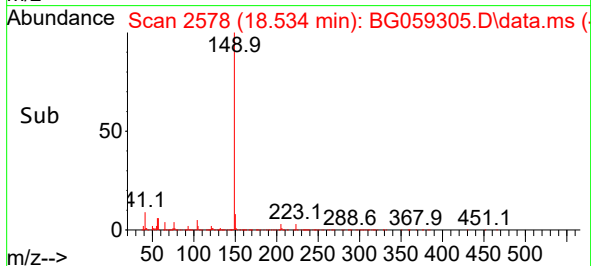
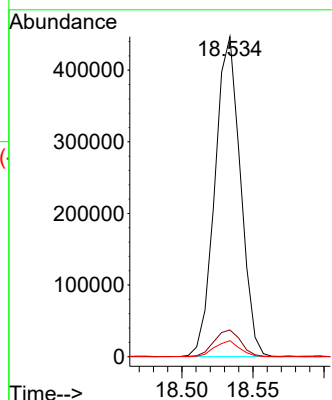
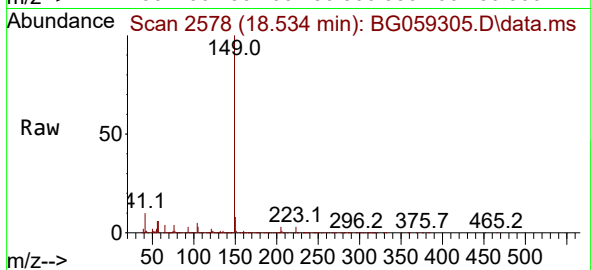
Tgt Ion:149 Resp: 556573

Ion Ratio Lower Upper

149 100

150 8.3 7.2 10.8

104 5.0 3.6 5.4



#80

Fluoranthene

Concen: 41.399 ng/ul

RT: 19.662 min Scan# 2770

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

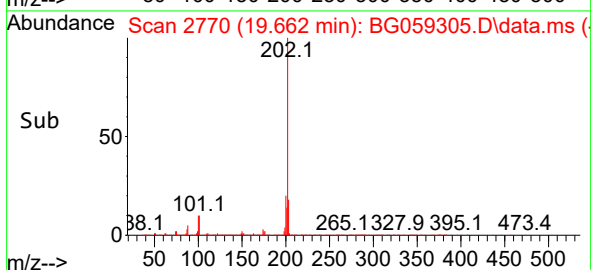
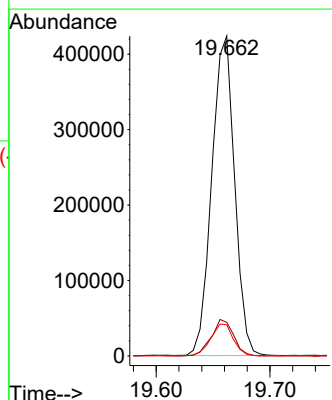
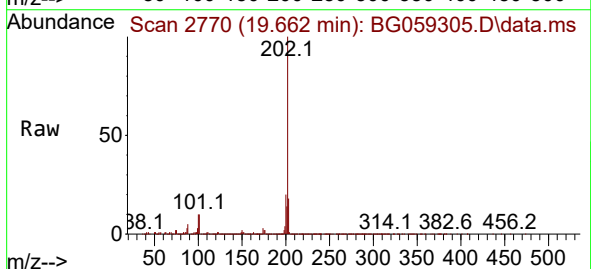
Tgt Ion:202 Resp: 590671

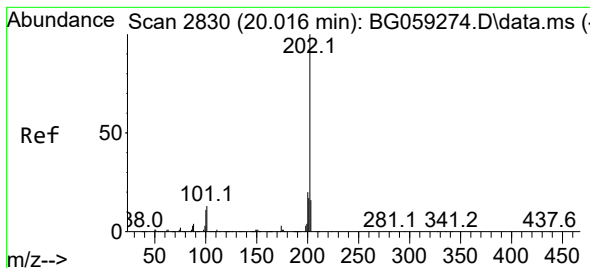
Ion Ratio Lower Upper

202 100

101 10.5 8.2 12.4

100 9.8 8.2 12.2





#82

Pyrene

Concen: 40.382 ng/ul

RT: 20.026 min Scan# 2

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

Instrument :

BNA_G

ClientSampleId :

SLCS010

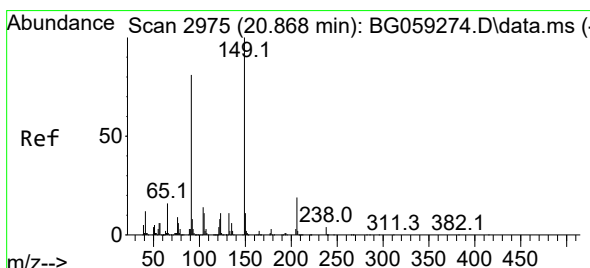
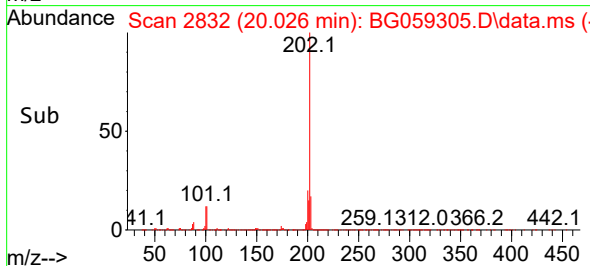
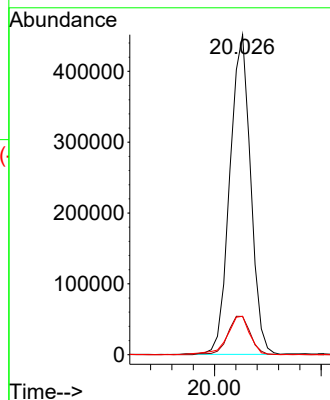
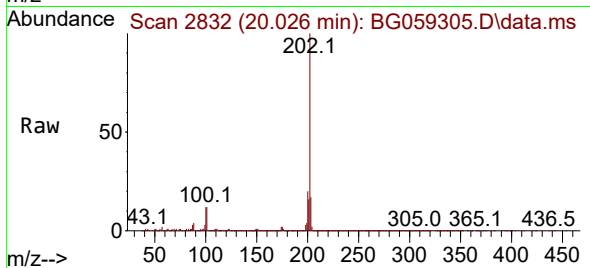
Tgt Ion:202 Resp: 610277

Ion Ratio Lower Upper

202 100

101 12.0 10.2 15.4

100 12.0 9.6 14.4



#83

Butylbenzylphthalate

Concen: 44.548 ng/ul

RT: 20.872 min Scan# 2976

Delta R.T. -0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

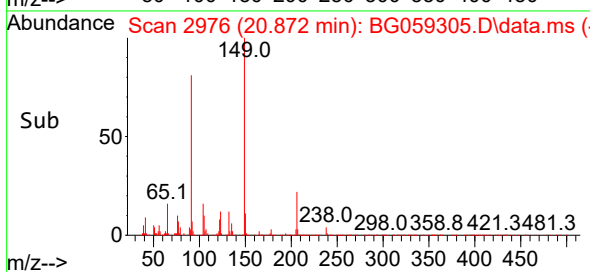
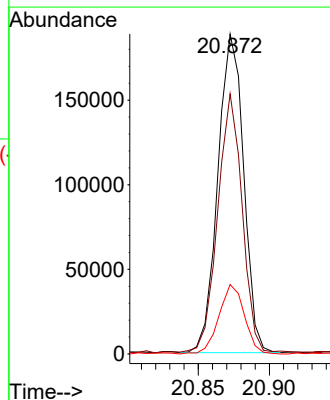
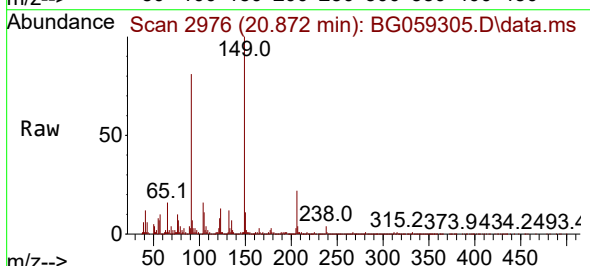
Tgt Ion:149 Resp: 237414

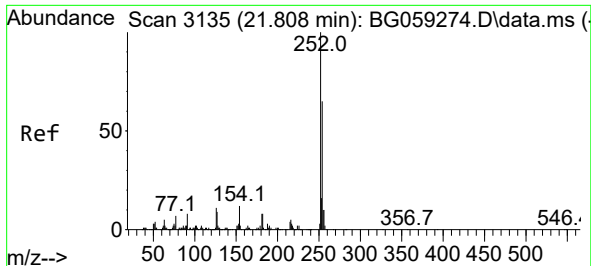
Ion Ratio Lower Upper

149 100

91 81.3 64.5 96.7

206 21.7 17.0 25.6

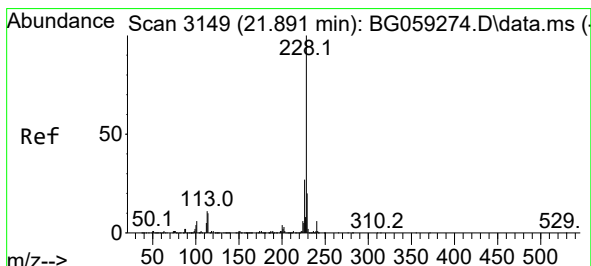
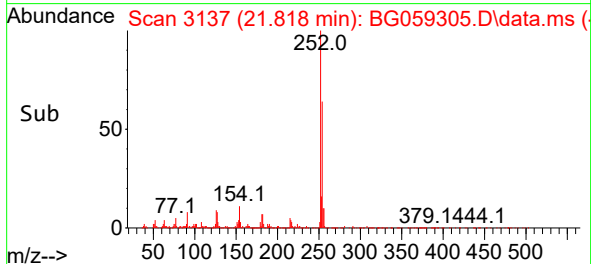
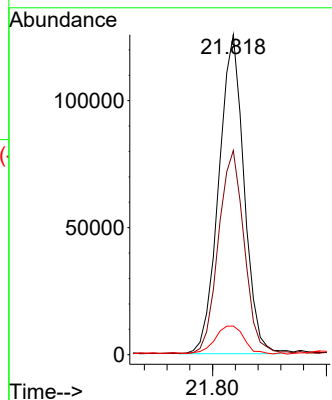
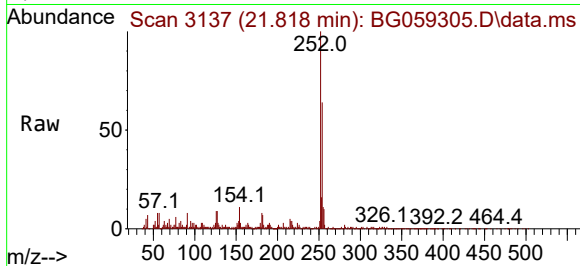




#84
 3,3'-Dichlorobenzidine
 Concen: 40.455 ng/ul
 RT: 21.818 min Scan# 3137
 Delta R.T. 0.003 min
 Lab File: BG059305.D
 Acq: 5 Oct 2023 20:50

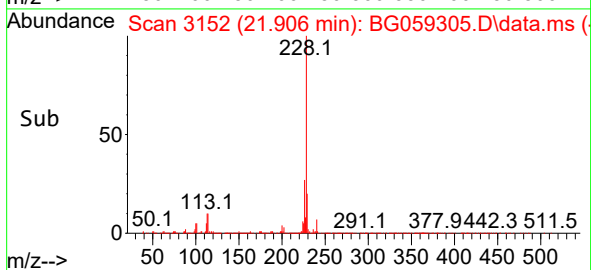
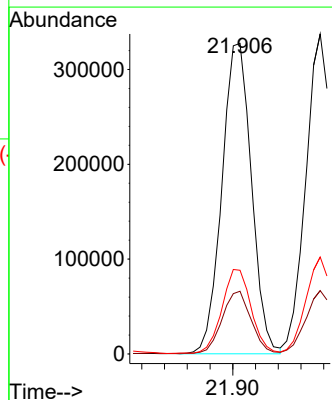
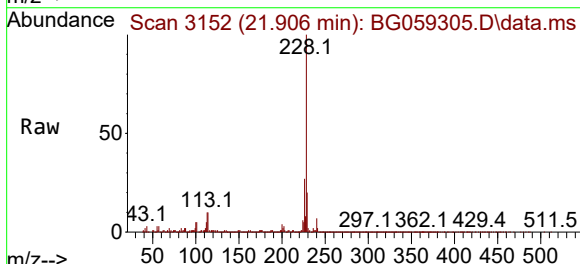
Instrument :
 BNA_G
 ClientSampleId :
 SLCS010

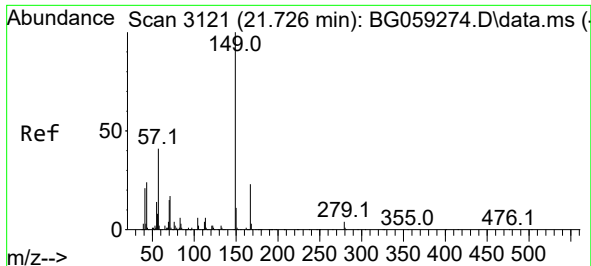
Tgt Ion:252 Resp: 193764
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.2 75.2
 126 8.9 7.9 11.9



#85
 Benzo(a)anthracene
 Concen: 40.616 ng/ul
 RT: 21.906 min Scan# 3152
 Delta R.T. 0.003 min
 Lab File: BG059305.D
 Acq: 5 Oct 2023 20:50

Tgt Ion:228 Resp: 591327
 Ion Ratio Lower Upper
 228 100
 229 20.2 15.5 23.3
 226 26.9 21.4 32.2

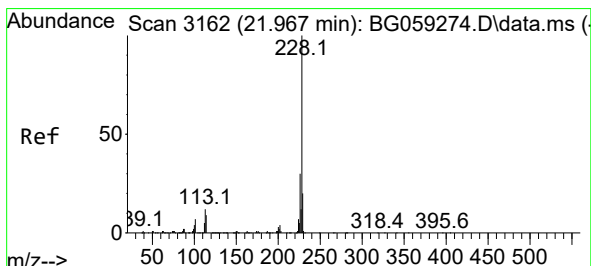
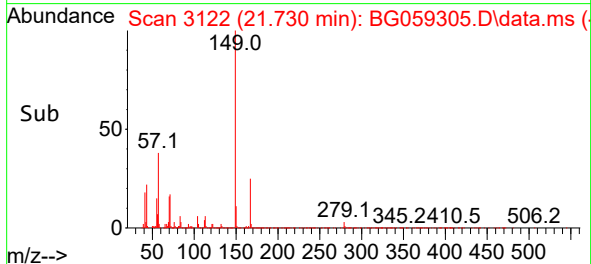
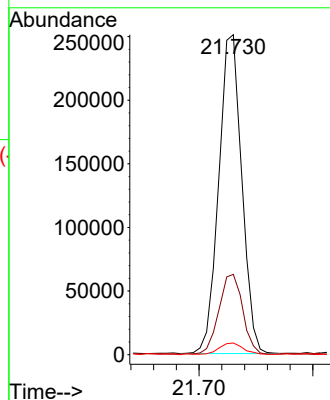
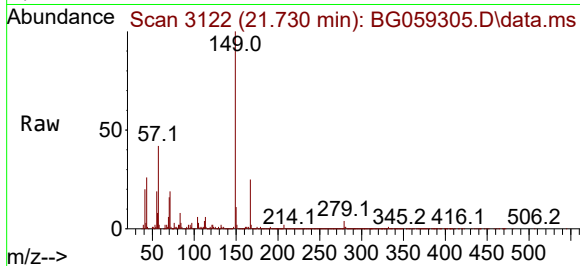




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 43.618 ng/ul
 RT: 21.730 min Scan# 3121
 Delta R.T. -0.009 min
 Lab File: BG059305.D
 Acq: 5 Oct 2023 20:50

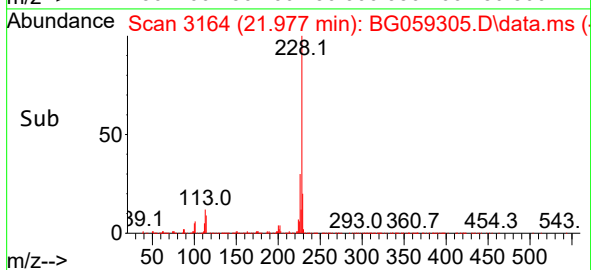
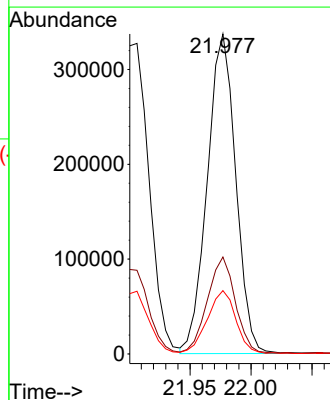
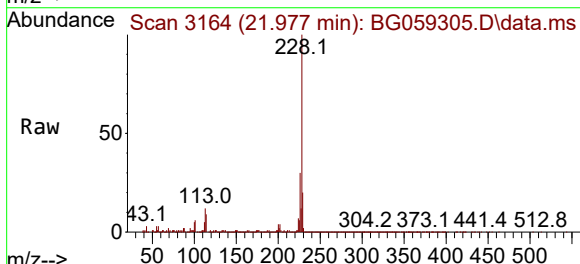
Instrument :
 BNA_G
 ClientSampleId :
 SLCS010

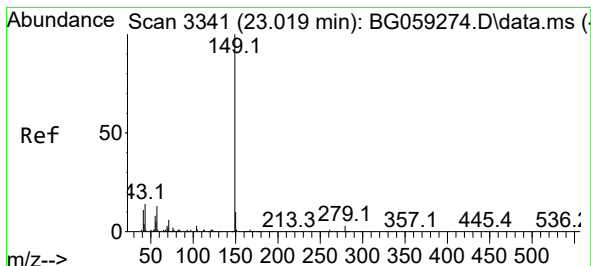
Tgt Ion:149 Resp: 352984
 Ion Ratio Lower Upper
 149 100
 167 25.1 19.1 28.7
 279 3.7 2.9 4.3



#87
 Chrysene
 Concen: 39.903 ng/ul
 RT: 21.977 min Scan# 3164
 Delta R.T. 0.003 min
 Lab File: BG059305.D
 Acq: 5 Oct 2023 20:50

Tgt Ion:228 Resp: 548678
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.2 36.4
 229 19.8 16.2 24.2





#89

Di-n-octyl phthalate

Concen: 42.160 ng/ul

RT: 23.023 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

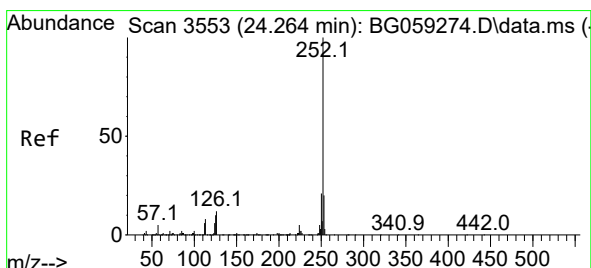
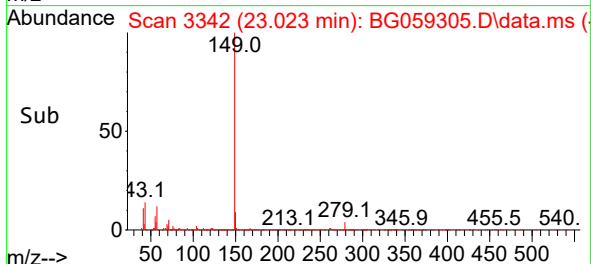
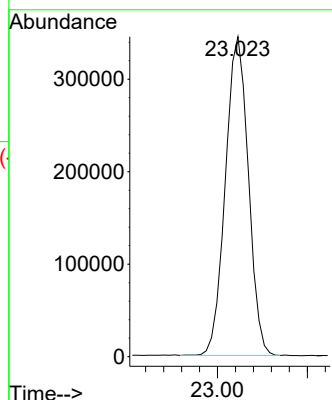
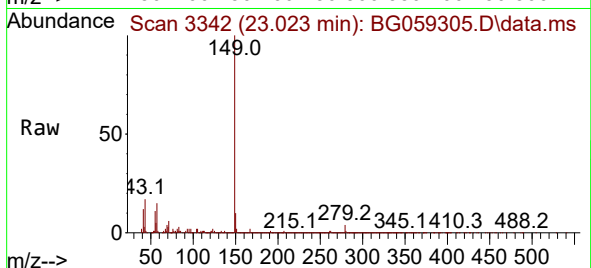
Instrument :

BNA_G

ClientSampleId :

SLCS010

Tgt Ion:149 Resp: 611773



#90

Benzo(b)fluoranthene

Concen: 40.192 ng/ul

RT: 24.286 min Scan# 3557

Delta R.T. 0.003 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

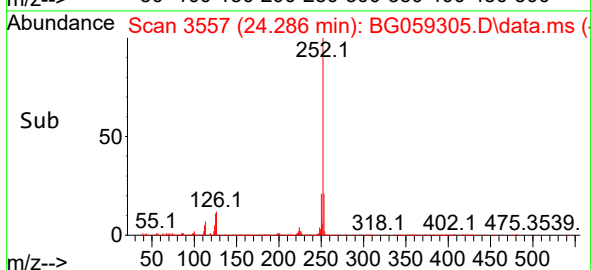
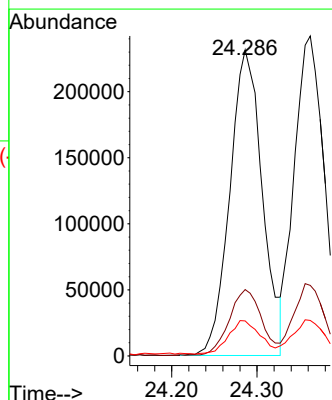
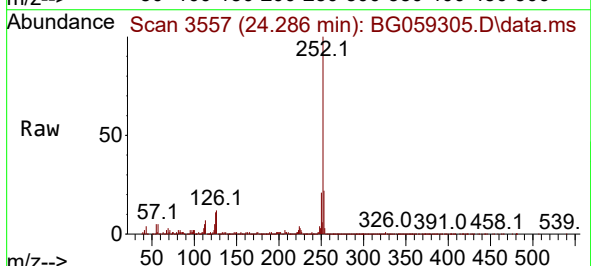
Tgt Ion:252 Resp: 614186

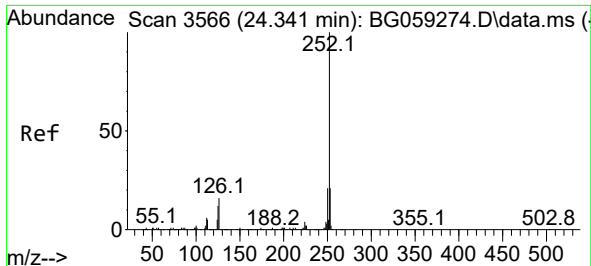
Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 11.4 8.1 12.1

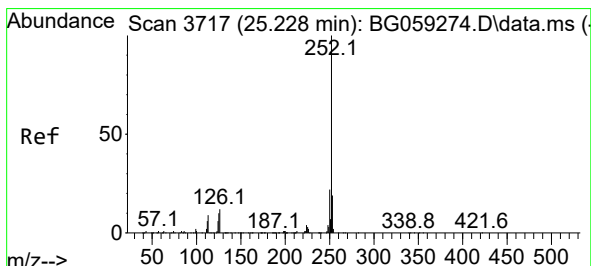
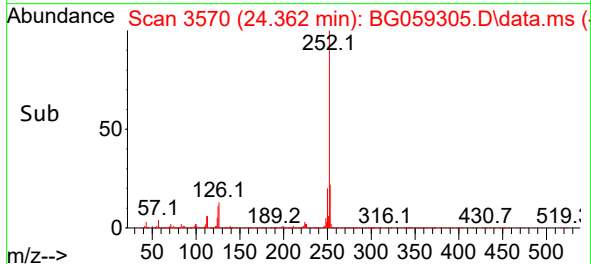
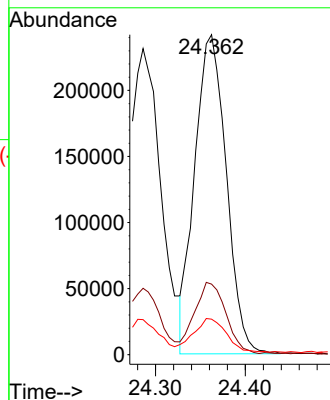
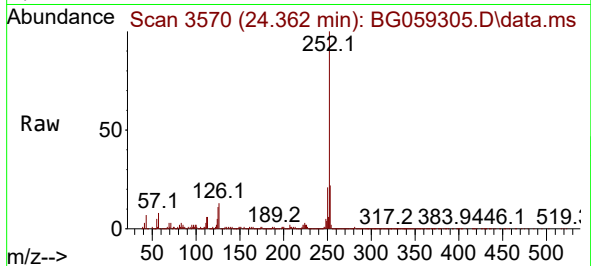




#91
Benzo(k)fluoranthene
Concen: 38.136 ng/ul
RT: 24.362 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

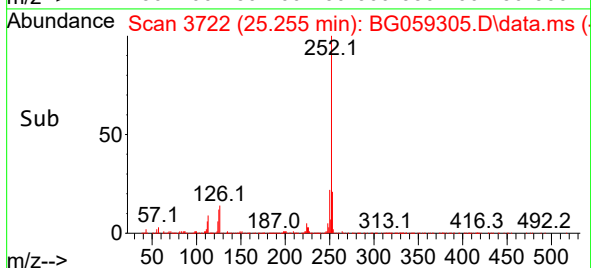
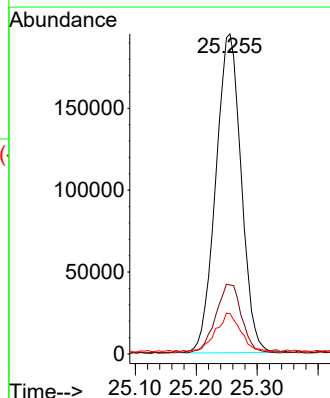
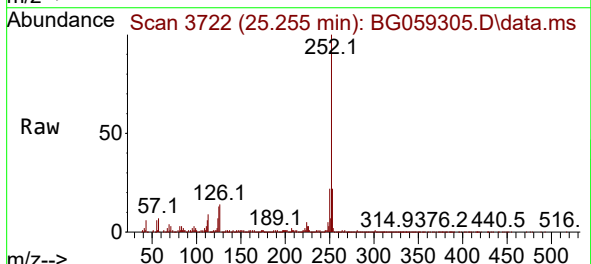
Instrument :
BNA_G
ClientSampleId :
SLCS010

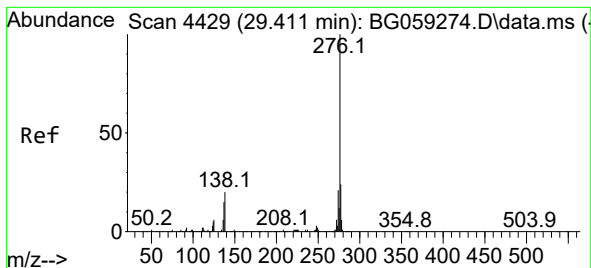
Tgt Ion:252 Resp: 590488
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.1 8.1 12.1



#93
Benzo(a)pyrene
Concen: 38.944 ng/ul
RT: 25.255 min Scan# 3722
Delta R.T. 0.015 min
Lab File: BG059305.D
Acq: 5 Oct 2023 20:50

Tgt Ion:252 Resp: 564553
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 12.6 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 33.683 ng/ul

RT: 29.462 min Scan# 4438

Delta R.T. 0.027 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

Instrument :

BNA_G

ClientSampleId :

SLCS010

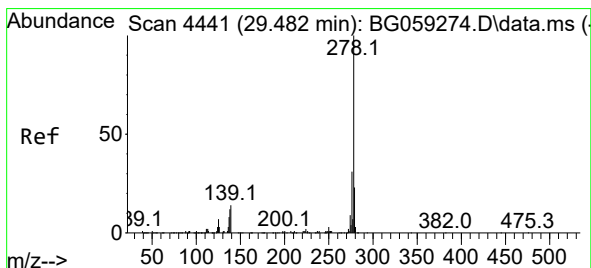
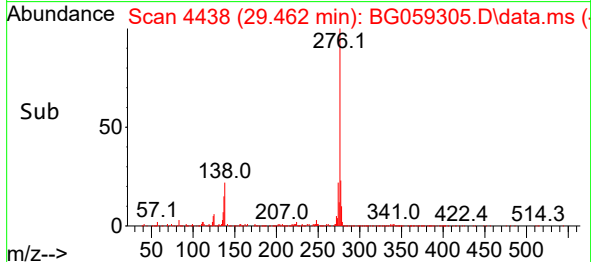
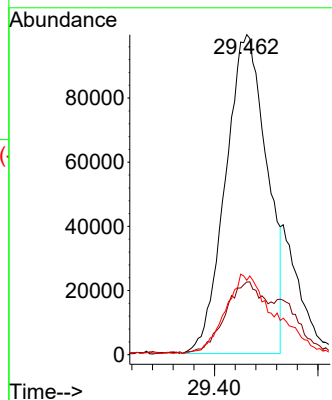
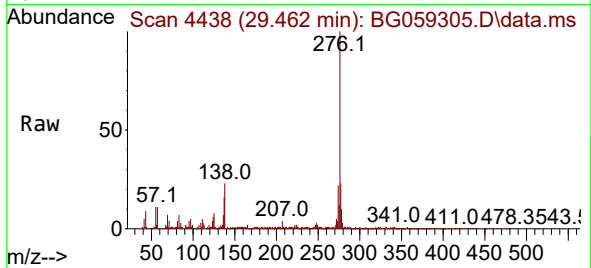
Tgt Ion:276 Resp: 552740

Ion Ratio Lower Upper

276 100

138 22.7 17.0 25.6

277 23.3 18.6 28.0



#95

Dibenzo(a,h)anthracene

Concen: 38.995 ng/ul

RT: 29.539 min Scan# 4451

Delta R.T. 0.027 min

Lab File: BG059305.D

Acq: 5 Oct 2023 20:50

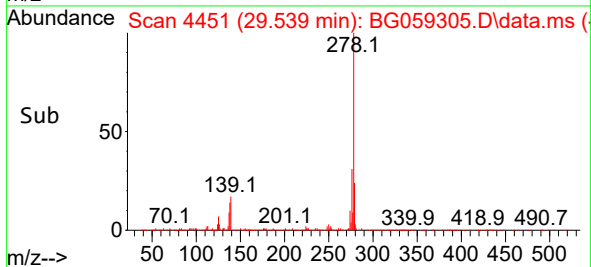
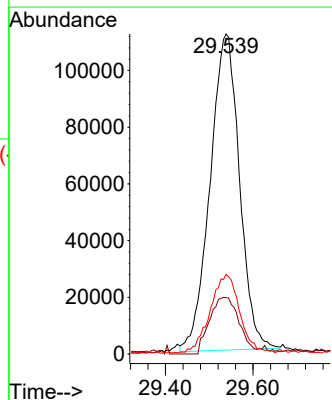
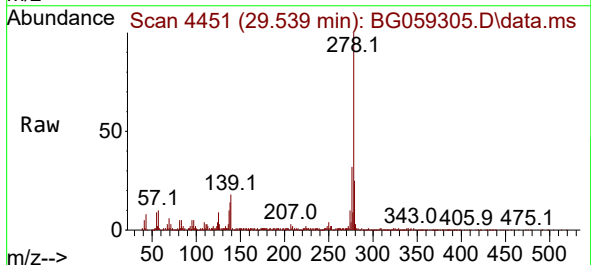
Tgt Ion:278 Resp: 520383

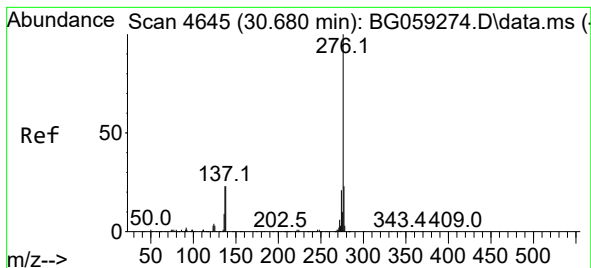
Ion Ratio Lower Upper

278 100

139 17.6 12.1 18.1

279 24.8 18.6 27.8





#96

Benzo(g,h,i)perylene

Concen: 37.072 ng/ul

RT: 30.749 min Scan# 4

Delta R.T. 0.038 min

Lab File: BG059305.D

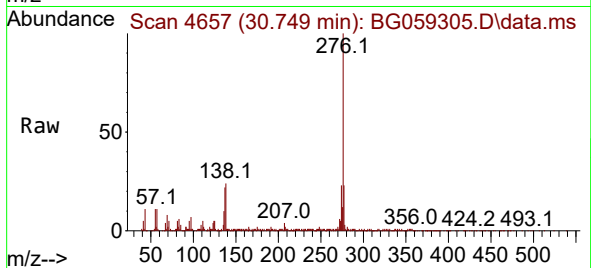
Acq: 5 Oct 2023 20:50

Instrument :

BNA_G

ClientSampleId :

SLCS010



Tgt Ion:276 Resp: 494647

Ion Ratio Lower Upper

276 100

138 23.8 16.6 25.0

277 23.0 20.0 30.0

