

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059303.D
 Acq On : 5 Oct 2023 19:27
 Operator : MA/JU
 Sample : PB156012BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS012

Quant Time: Oct 05 22:40:47 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	8.228	152	41598	20.000	ng/u1	0.00
20) Naphthalene-d8	11.072	136	192047	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.868	164	120286	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.612	188	274446	20.000	ng/u1	0.00
79) Chrysene-d12	21.918	240	246680	20.000	ng/u1	0.00
88) Perylene-d12	25.397	264	290986	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	5381	4.882	ng/uL	0.00
4) Pyridine-d5	3.963	84	77466	24.088	ng/u1	0.00
7) Phenol-d5	7.359	99	99842	23.978	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	60468	22.733	ng/u1	0.00
11) 2-Chlorophenol-d4	7.753	132	80472	28.750	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	83511	25.946	ng/u1	0.00
21) Nitrobenzene-d5	9.427	128	44642	32.941	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	46257	34.770	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	84690	30.988	ng/u1	0.00
31) 4-Chloroaniline-d4	11.219	131	110809	25.060	ng/u1	0.00
46) Dimethylphthalate-d6	14.263	166	252170	28.996	ng/u1	0.00
49) Acenaphthylene-d8	14.568	160	319520	29.271	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	51436	33.869	ng/u1	0.00
60) Fluorene-d10	15.855	176	243973	29.475	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.966	200	45206	32.045	ng/u1	0.00
73) Anthracene-d10	17.711	188	365785	29.251	ng/u1	0.00
81) Pyrene-d10	19.985	212	435798	31.547	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.150	264	427375	30.563	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.569	88	10640	8.217	ng/uL#	76
5) Pyridine	3.986	79	74685	22.870	ng/u1#	86
6) Benzaldehyde	7.376	77	48859	26.720	ng/u1	99
8) Phenol	7.388	94	103513	24.990	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.647	93	78235	23.030	ng/u1	87
12) 2-Chlorophenol	7.788	128	79593	26.970	ng/u1	90
13) 2-Methylphenol	8.663	108	77422	24.739	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.751	45	156708	20.866	ng/u1#	92
16) Acetophenone	9.074	105	127253	25.528	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.039	70	60419	23.894	ng/u1	93
18) 4-Methylphenol	8.992	108	88362	26.649	ng/u1	90
19) Hexachloroethane	9.315	117	32685	28.113	ng/u1#	86
22) Nitrobenzene	9.474	77	91833	27.451	ng/u1	93
23) Isophorone	9.979	82	179615	24.968	ng/u1	99
25) 2-Nitrophenol	10.179	139	50785	34.645	ng/u1	96
26) 2,4-Dimethylphenol	10.208	107	71385	22.775	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.461	93	115665	25.482	ng/u1#	96
29) 2,4-Dichlorophenol	10.708	162	82111	30.225	ng/u1	96
30) Naphthalene	11.125	128	284943	27.672	ng/u1	96
32) 4-Chloroaniline	11.243	127	98622	23.324	ng/u1	97
33) Hexachlorobutadiene	11.354	225	55135	30.324	ng/u1	92
34) Caprolactam	12.024	113	26751	28.459	ng/u1	90
35) 4-Chloro-3-methylphenol	12.324	107	86589	29.872	ng/u1#	90
36) 2-Methylnaphthalene	12.706	142	186380	27.630	ng/u1	100

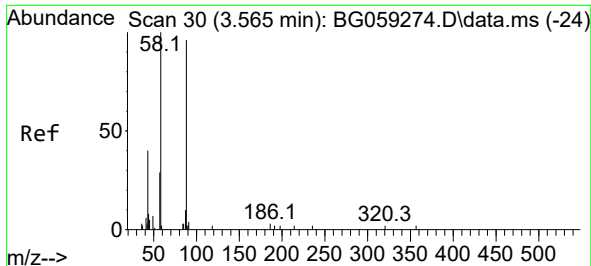
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.929	142	189410	27.666	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.052	216	99922	27.747	ng/ul	95
40) Hexachlorocyclopentadiene	13.005	237	39307	17.695	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.299	196	58379	26.478	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.369	196	66530	28.757	ng/ul	99
43) 1,1'-Biphenyl	13.698	154	267157	27.501	ng/ul	97
44) 2-Chloronaphthalene	13.757	162	204099	27.905	ng/ul	97
45) 2-Nitroaniline	13.975	65	63541	30.799	ng/ul	96
47) Dimethylphthalate	14.310	163	244119	27.406	ng/ul	99
48) 2,6-Dinitrotoluene	14.456	165	50194	33.131	ng/ul#	93
50) Acenaphthylene	14.597	152	303070	26.011	ng/ul	99
51) 3-Nitroaniline	14.791	138	56145	34.329	ng/ul#	98
52) Acenaphthene	14.926	153	221507	27.696	ng/ul	93
53) 2,4-Dinitrophenol	14.991	184	23287	27.651	ng/ul#	78
55) 4-Nitrophenol	15.073	109	32708	30.532	ng/ul	97
56) Dibenzofuran	15.261	168	303442	28.623	ng/ul	100
57) 2,4-Dinitrotoluene	15.232	165	74799	33.344	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.473	232	50073	23.908	ng/ul	91
59) Diethylphthalate	15.649	149	240204	27.894	ng/ul	98
61) Fluorene	15.908	166	253766	28.509	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.890	204	126147	28.429	ng/ul	97
63) 4-Nitroaniline	15.955	138	55731	37.028	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.984	198	44538	29.942	ng/ul#	87
67) N-Nitrosodiphenylamine	16.113	169	206159	28.180	ng/ul	97
68) 4-Bromophenyl-phenylether	16.789	248	75181	28.277	ng/ul	96
69) Hexachlorobenzene	16.883	284	89057	29.649	ng/ul	98
71) Pentachlorophenol	17.235	266	37206	21.522	ng/ul	96
72) Phenanthrene	17.659	178	433890	28.808	ng/ul	98
74) Anthracene	17.747	178	426320	27.413	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.663	216	103119	28.513	ng/uL	93
76) Pentachlorobenzene	15.156	250	102252	28.634	ng/uL	97
77) Carbazole	18.023	167	384983	30.373	ng/ul	99
78) Di-n-butylphthalate	18.528	149	460533	30.650	ng/ul	99
80) Fluoranthene	19.650	202	527828	31.016	ng/ul	98
82) Pyrene	20.015	202	536801	29.780	ng/ul	99
83) Butylbenzylphthalate	20.867	149	206130	32.428	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.807	252	190901	33.416	ng/ul	97
85) Benzo(a)anthracene	21.895	228	504528	29.054	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.718	149	304260	31.522	ng/ul	97
87) Chrysene	21.965	228	475619	29.000	ng/ul	100
89) Di-n-octyl phthalate	23.017	149	520399	30.750	ng/ul	100
90) Benzo(b)fluoranthene	24.268	252	522457	29.315	ng/ul	98
91) Benzo(k)fluoranthene	24.345	252	524212	29.029	ng/ul	99
93) Benzo(a)pyrene	25.232	252	463237	27.399	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.409	276	261801	13.679	ng/ul	97
95) Dibenzo(a,h)anthracene	29.503	278	457766	29.412	ng/ul	98
96) Benzo(g,h,i)perylene	30.702	276	268001	17.222	ng/ul	97

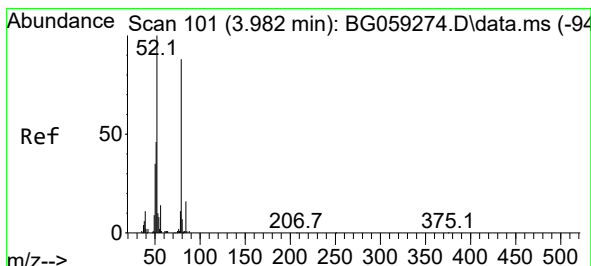
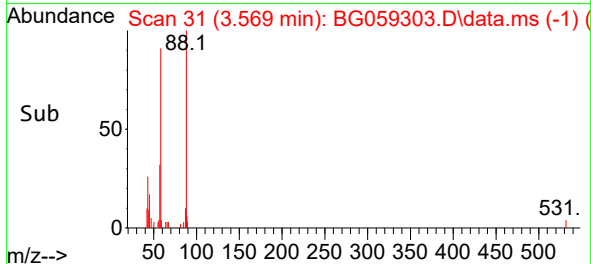
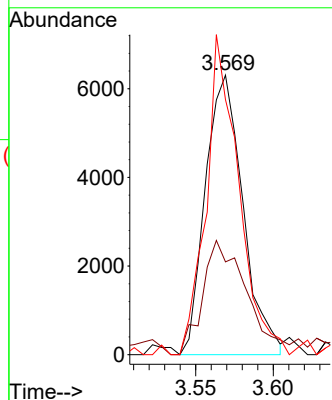
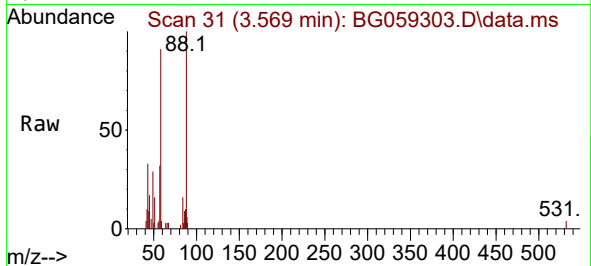
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#2
1,4-Dioxane
Concen: 8.217 ng/uL
RT: 3.569 min Scan# 31
Delta R.T. 0.003 min
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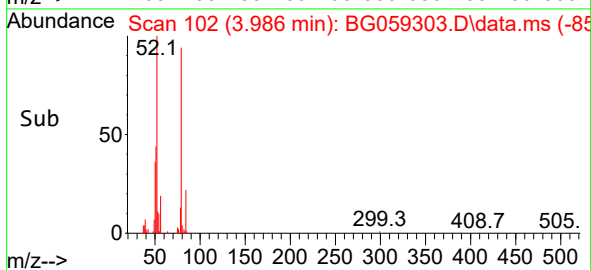
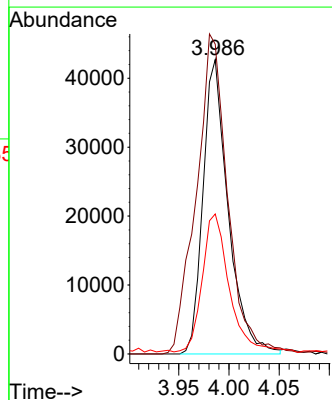
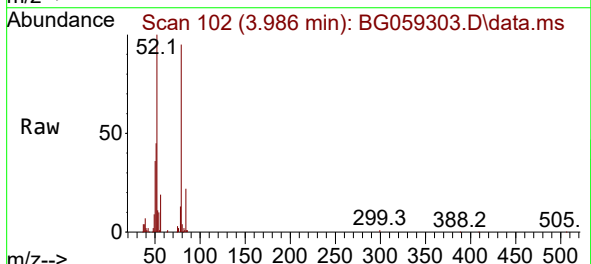
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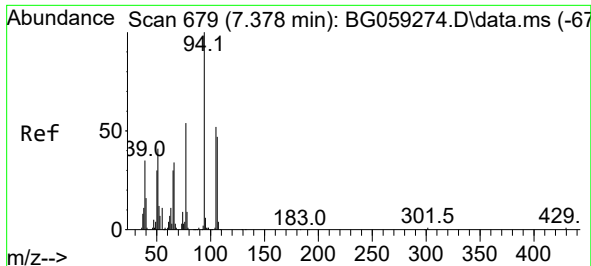
Tgt Ion: 88 Resp: 10640
Ion Ratio Lower Upper
88 100
43 33.2 34.5 51.7#
58 91.2 96.6 145.0#



#5
Pyridine
Concen: 22.870 ng/uL
RT: 3.986 min Scan# 102
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion: 79 Resp: 74685
Ion Ratio Lower Upper
79 100
52 105.2 94.8 142.2
51 47.6 48.2 72.2#

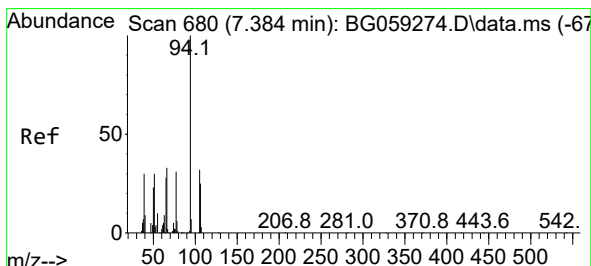
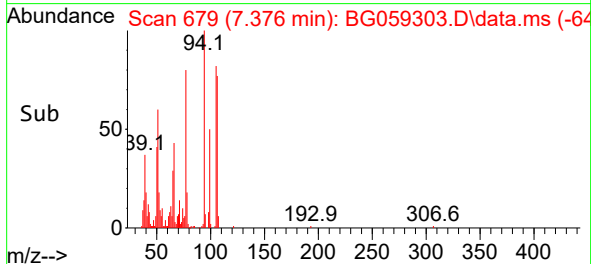
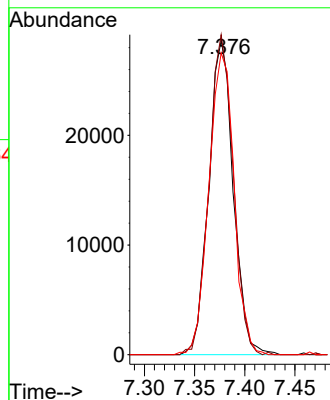
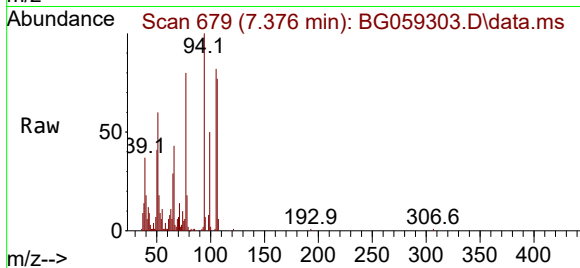




#6
Benzaldehyde
Concen: 26.720 ng/ul
RT: 7.376 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

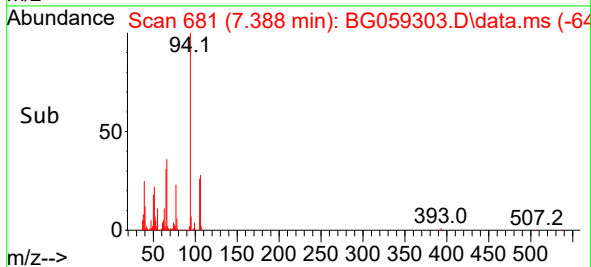
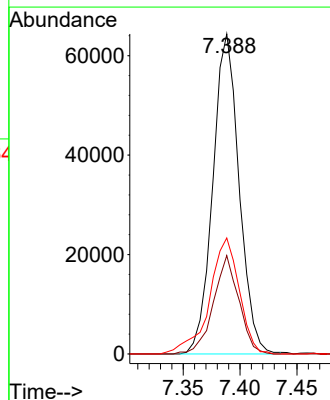
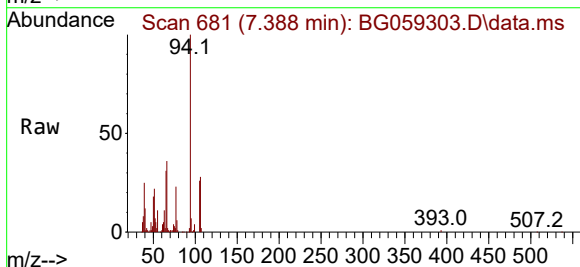
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ClientSampleId :
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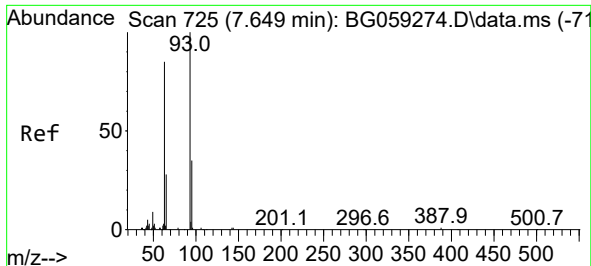
Tgt Ion: 77 Resp: 48859
Ion Ratio Lower Upper
77 100
105 101.8 81.4 122.2
106 96.1 78.3 117.5



#8
Phenol
Concen: 24.990 ng/ul
RT: 7.388 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion: 94 Resp: 103513
Ion Ratio Lower Upper
94 100
65 30.7 23.6 35.4
66 36.3 24.6 37.0

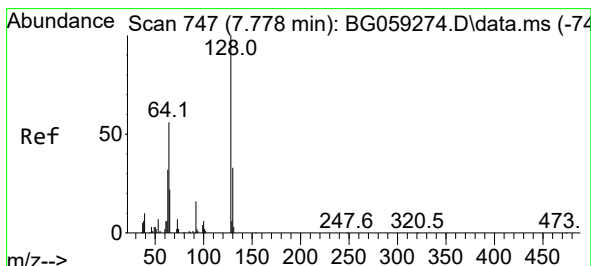
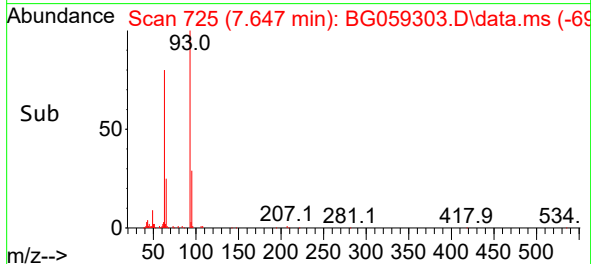
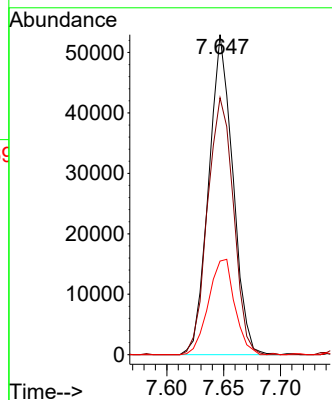
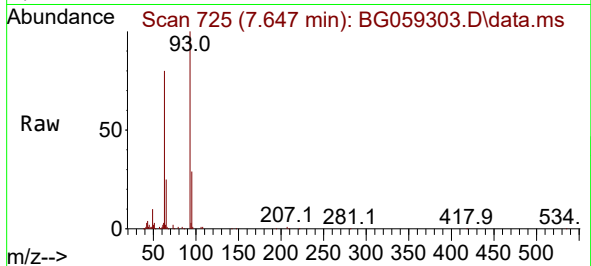




#10
Bis(2-Chloroethyl)ether
Concen: 23.030 ng/ul
RT: 7.647 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

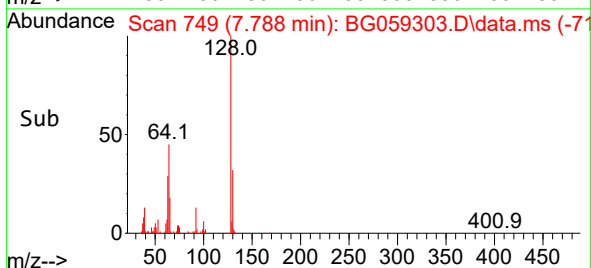
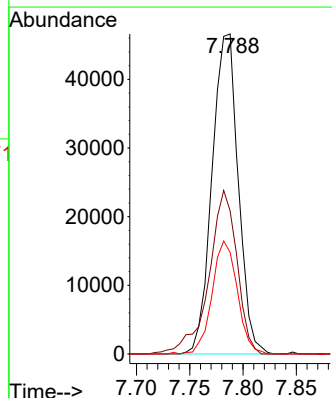
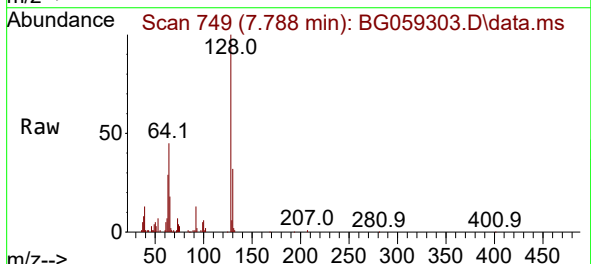
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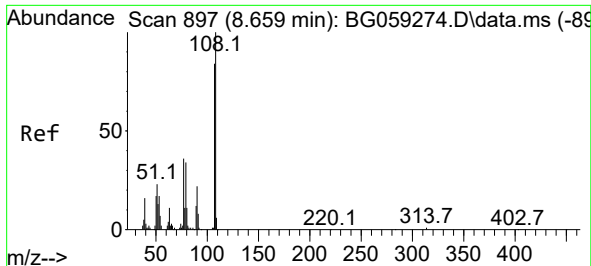
Tgt Ion: 93 Resp: 78235
Ion Ratio Lower Upper
93 100
63 80.3 76.0 114.0
95 29.3 26.6 39.8



#12
2-Chlorophenol
Concen: 26.970 ng/ul
RT: 7.788 min Scan# 749
Delta R.T. 0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:128 Resp: 79593
Ion Ratio Lower Upper
128 100
64 44.7 42.6 64.0
130 31.7 23.3 34.9

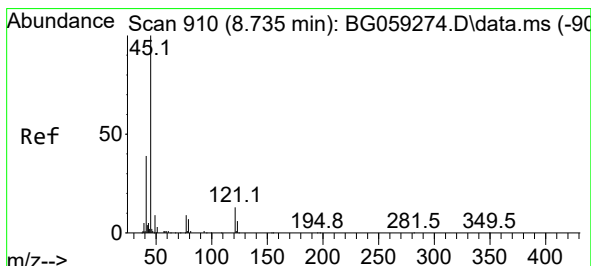
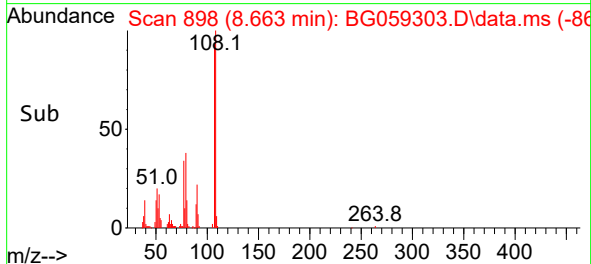
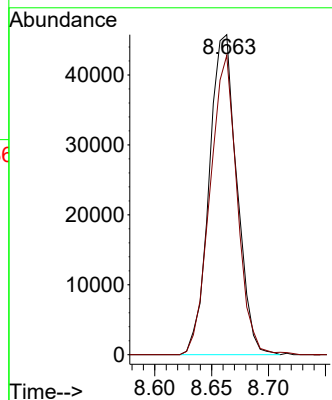
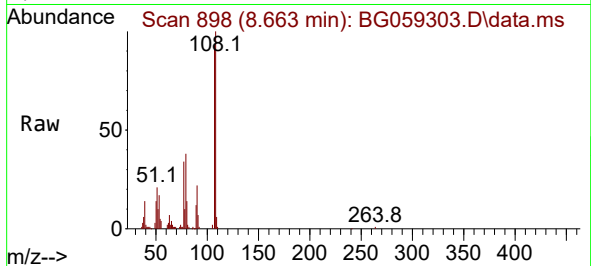




#13
2-Methylphenol
Concen: 24.739 ng/ul
RT: 8.663 min Scan# 897
Delta R.T. 0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

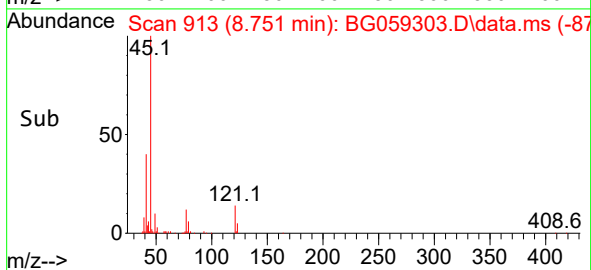
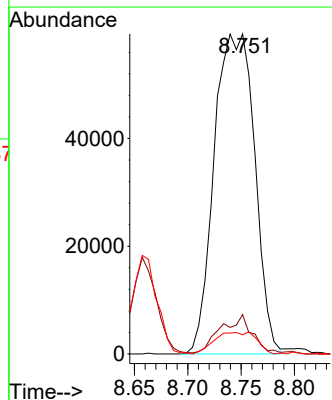
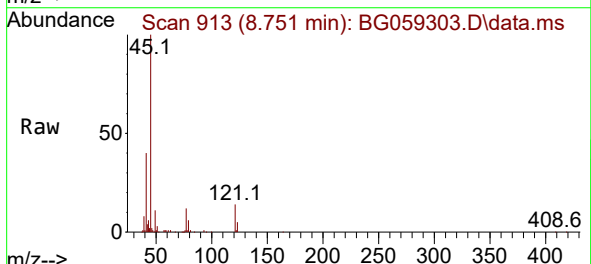
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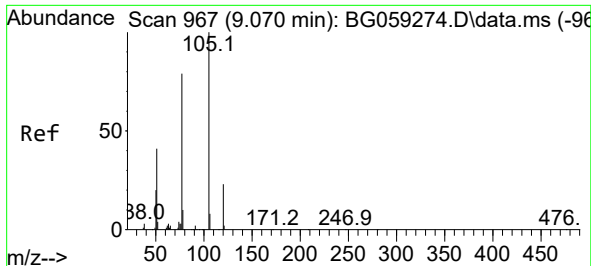
Tgt Ion:108 Resp: 77422
Ion Ratio Lower Upper
108 100
107 93.5 67.3 100.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.866 ng/ul
RT: 8.751 min Scan# 913
Delta R.T. 0.009 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion: 45 Resp: 156708
Ion Ratio Lower Upper
45 100
77 12.3 6.6 9.8#
79 6.0 5.9 8.9

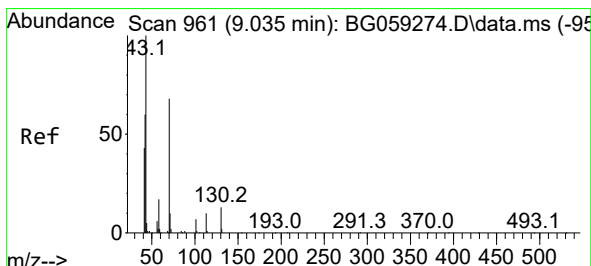
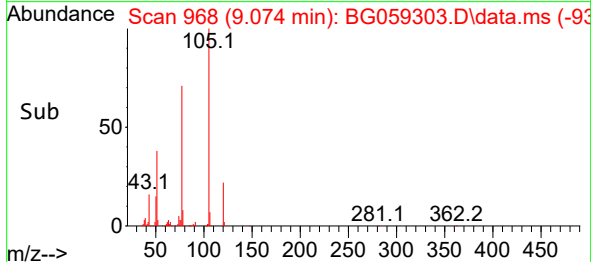
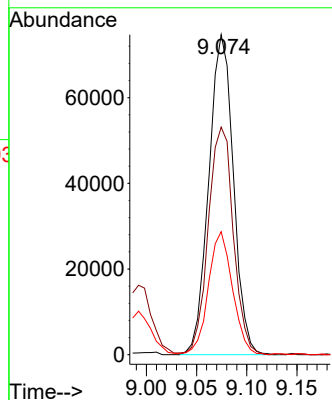
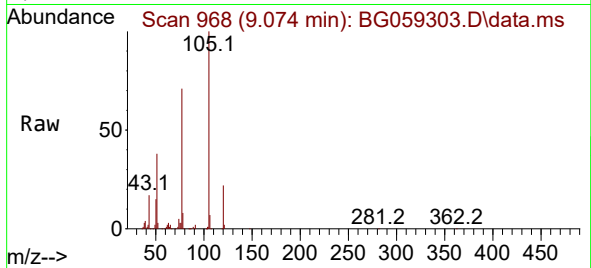




#16
Acetophenone
Concen: 25.528 ng/ul
RT: 9.074 min Scan# 967
Delta R.T. -0.003 min
Lab File: BG059303.D
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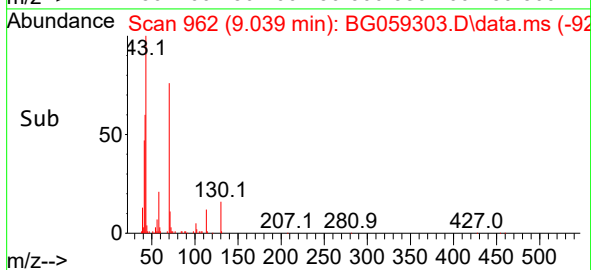
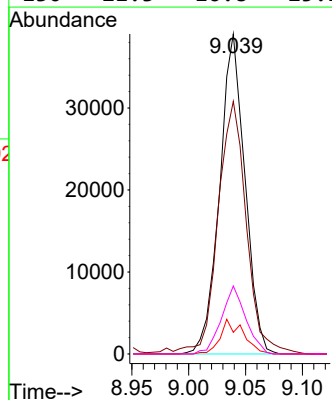
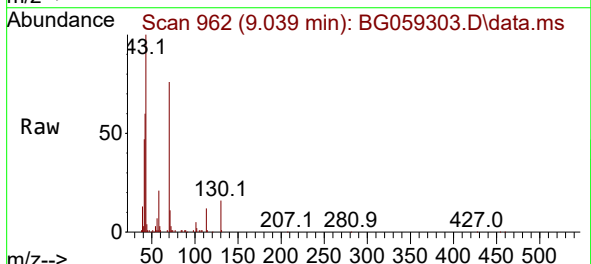
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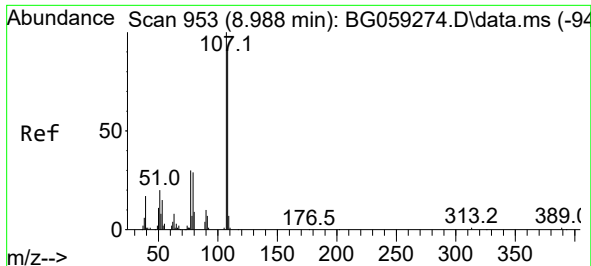
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Ion Ratio Lower Upper
105 100
77 71.1 58.8 88.2
51 38.4 32.6 48.8



#17
N-Nitroso-di-n-propylamine
Concen: 23.894 ng/ul
RT: 9.039 min Scan# 962
Delta R.T. 0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion: 70 Resp: 60419
Ion Ratio Lower Upper
70 100
42 78.9 69.6 104.4
101 6.7 6.7 10.1
130 21.3 16.8 25.2

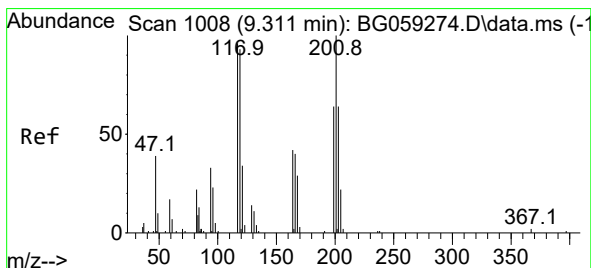
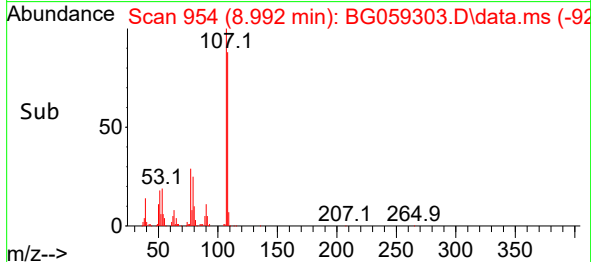
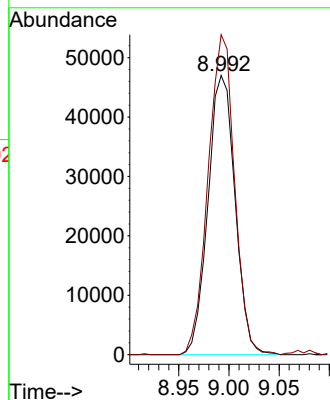
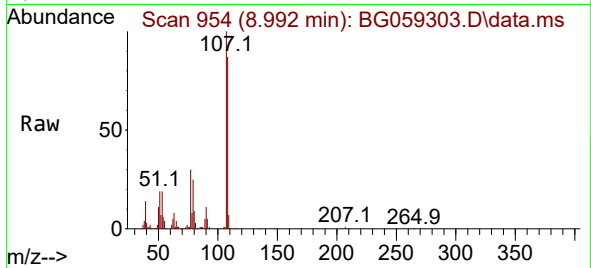




#18
4-Methylphenol
Concen: 26.649 ng/ul
RT: 8.992 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

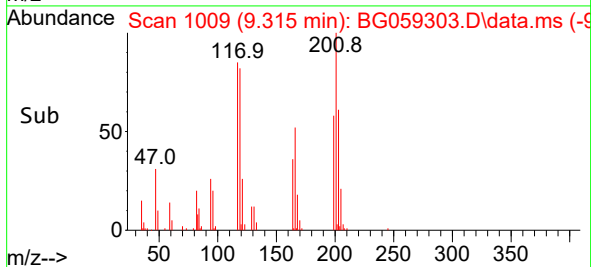
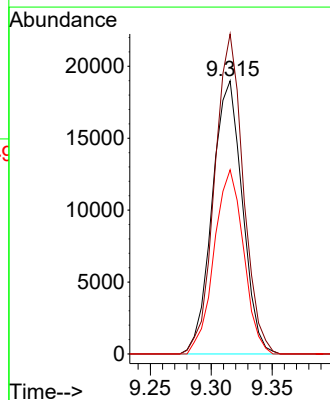
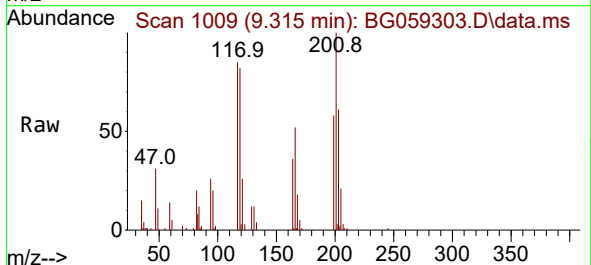
Instrument :
BNA_G
ClientSampleId :
SLCS012

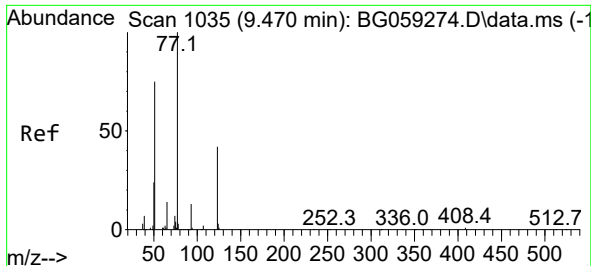
Tgt Ion:108 Resp: 88362
Ion Ratio Lower Upper
108 100
107 114.6 83.8 125.8



#19
Hexachloroethane
Concen: 28.113 ng/ul
RT: 9.315 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:117 Resp: 32685
Ion Ratio Lower Upper
117 100
201 120.6 78.2 117.4#
199 67.4 53.5 80.3

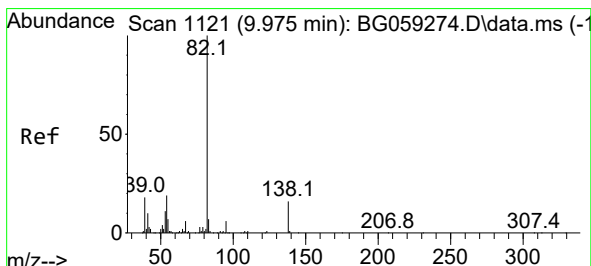
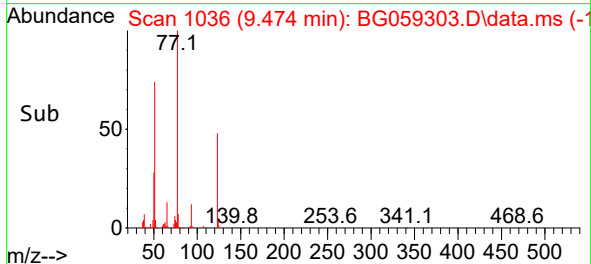
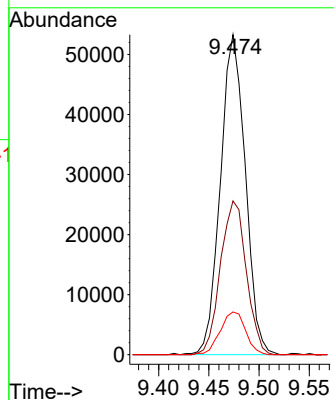
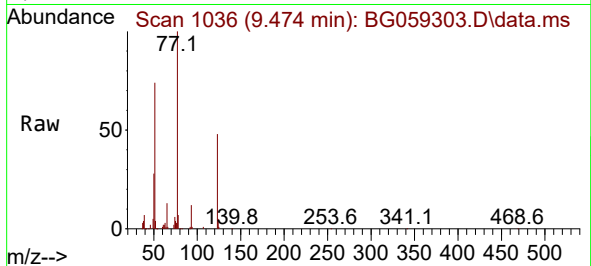




#22
Nitrobenzene
Concen: 27.451 ng/ul
RT: 9.474 min Scan# 1036
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

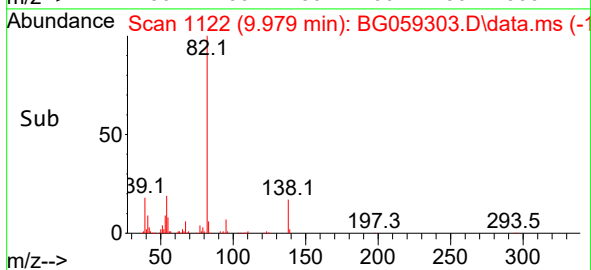
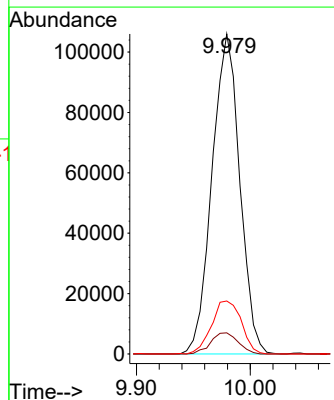
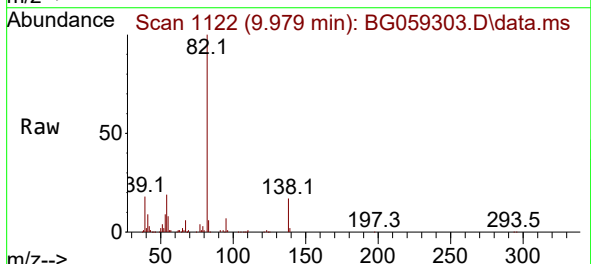
Instrument :
BNA_G
ClientSampleId :
SLCS012

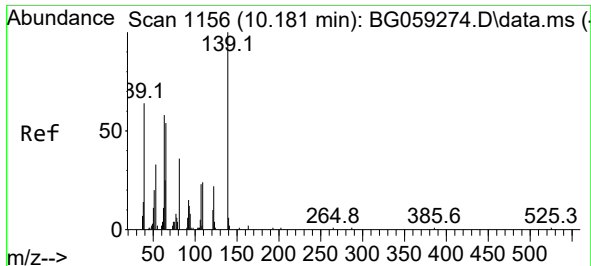
Tgt Ion: 77 Resp: 91833
Ion Ratio Lower Upper
77 100
123 48.1 34.6 52.0
65 13.4 13.0 19.4



#23
Isophorone
Concen: 24.968 ng/ul
RT: 9.979 min Scan# 1122
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion: 82 Resp: 179615
Ion Ratio Lower Upper
82 100
95 6.6 4.7 7.1
138 16.5 13.5 20.3

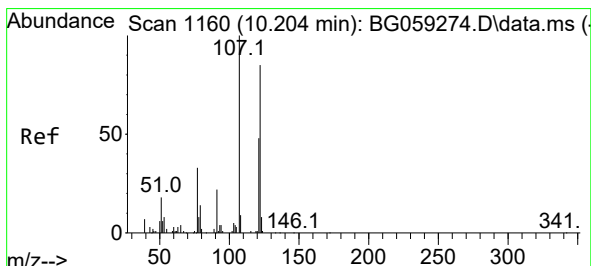
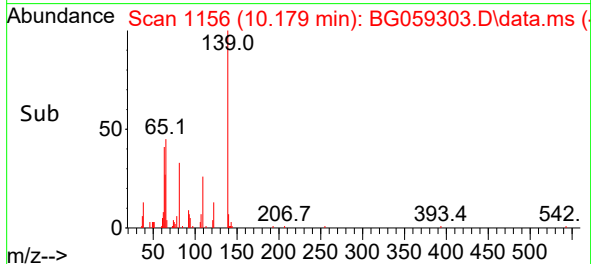
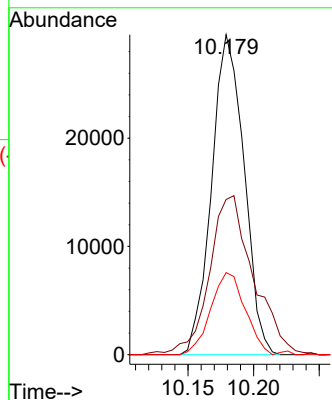
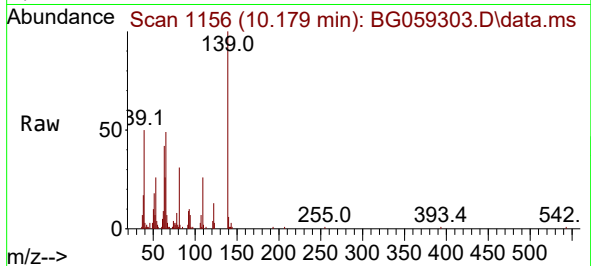




#25
2-Nitrophenol
Concen: 34.645 ng/ul
RT: 10.179 min Scan# 1156
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

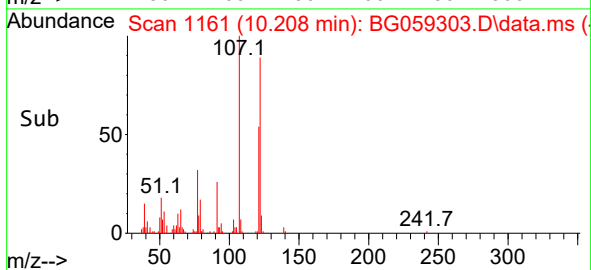
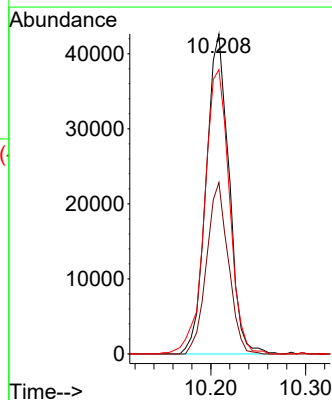
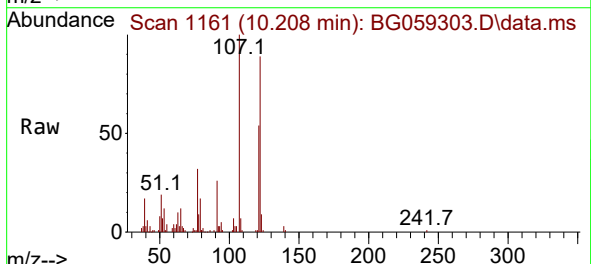
Instrument :
BNA_G
ClientSampleId :
SLCS012

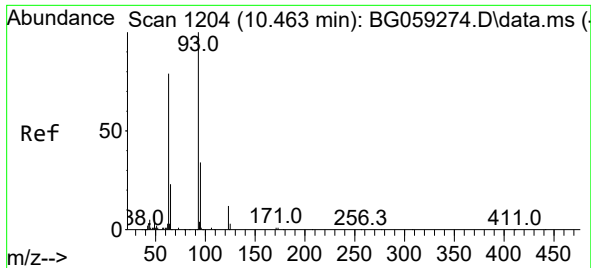
Tgt Ion:139 Resp: 50785
Ion Ratio Lower Upper
139 100
65 48.5 41.2 61.8
109 25.6 22.6 33.8



#26
2,4-Dimethylphenol
Concen: 22.775 ng/ul
RT: 10.208 min Scan# 1161
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:107 Resp: 71385
Ion Ratio Lower Upper
107 100
121 53.6 42.3 63.5
122 88.9 75.2 112.8

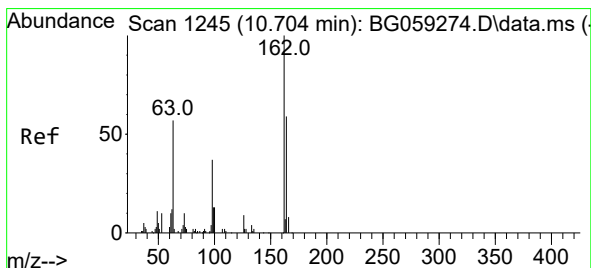
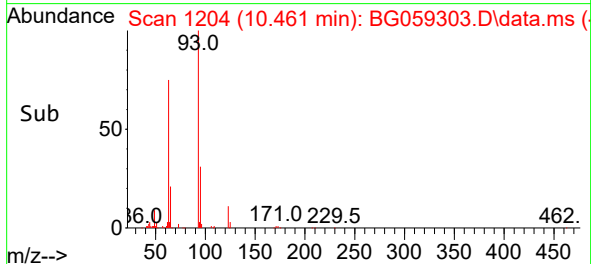
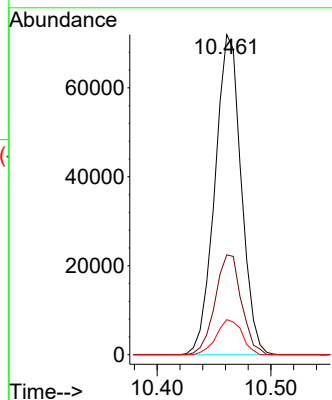
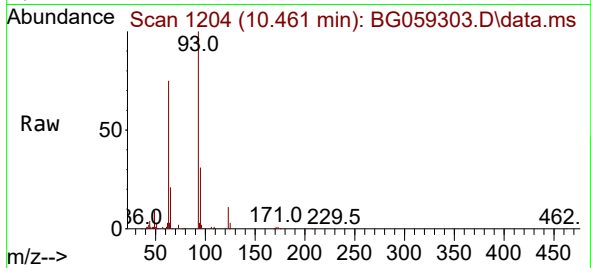




#27
 Bis(2-Chloroethoxy)methane
 Concen: 25.482 ng/ul
 RT: 10.461 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BG059303.D
 Acq: 5 Oct 2023 19:27

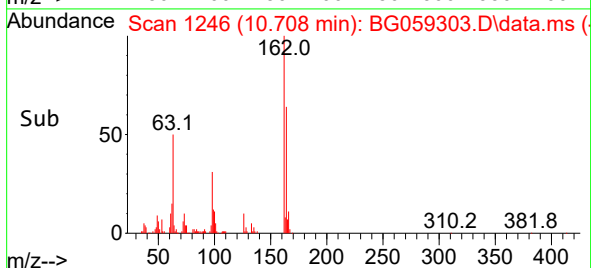
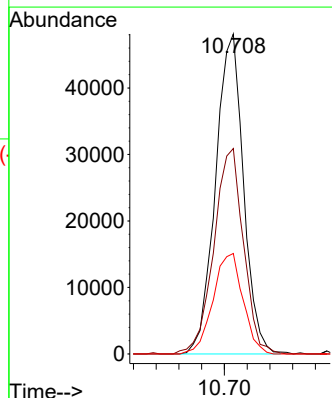
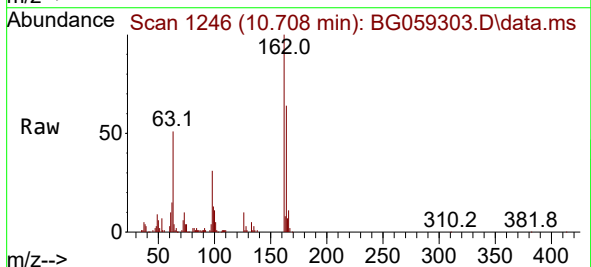
Instrument :
 BNA_G
 ClientSampleId :
 SLCS012

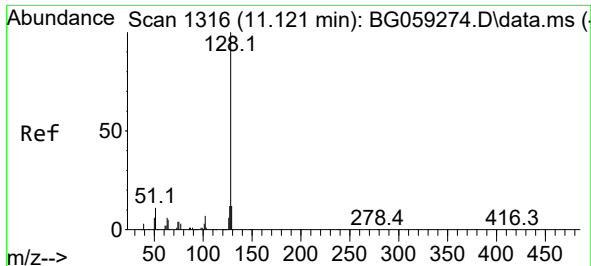
Tgt Ion: 93 Resp: 115665
 Ion Ratio Lower Upper
 93 100
 95 31.2 26.5 39.7
 123 10.9 7.3 10.9#



#29
 2,4-Dichlorophenol
 Concen: 30.225 ng/ul
 RT: 10.708 min Scan# 1246
 Delta R.T. 0.003 min
 Lab File: BG059303.D
 Acq: 5 Oct 2023 19:27

Tgt Ion:162 Resp: 82111
 Ion Ratio Lower Upper
 162 100
 164 64.2 52.5 78.7
 98 31.4 28.9 43.3

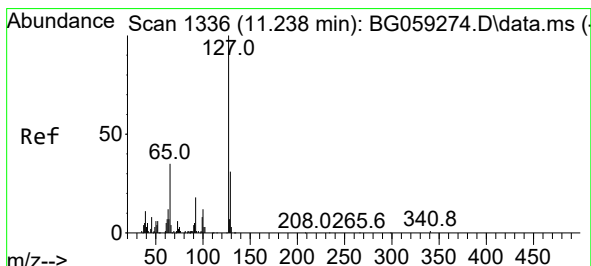
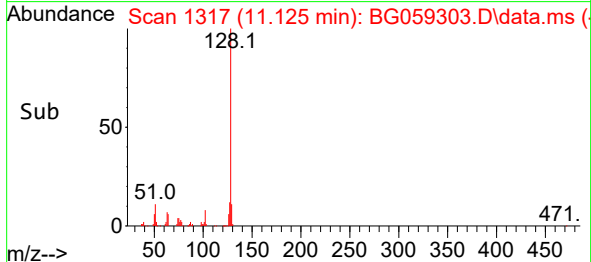
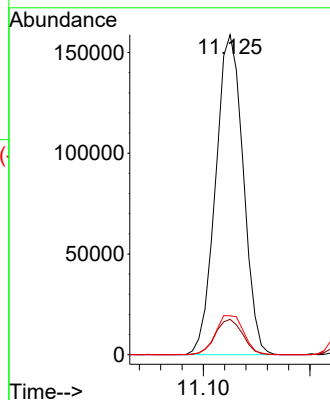
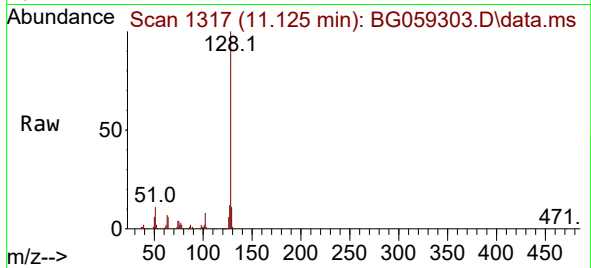




#30
Naphthalene
Concen: 27.672 ng/ul
RT: 11.125 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

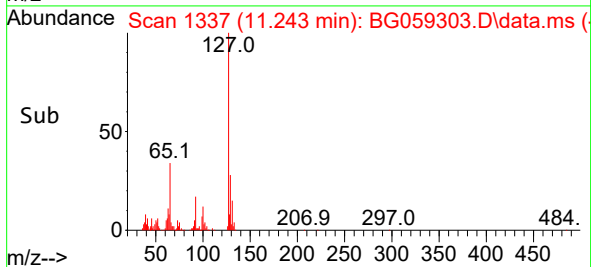
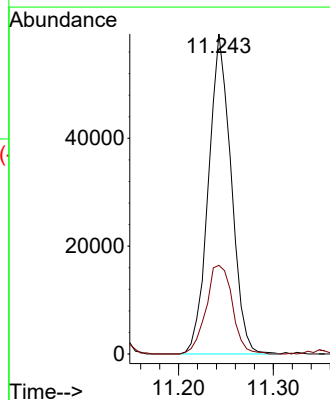
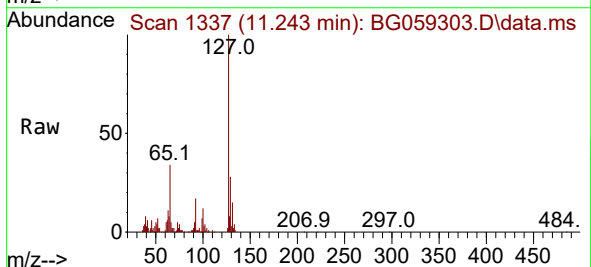
Instrument :
BNA_G
ClientSampleId :
SLCS012

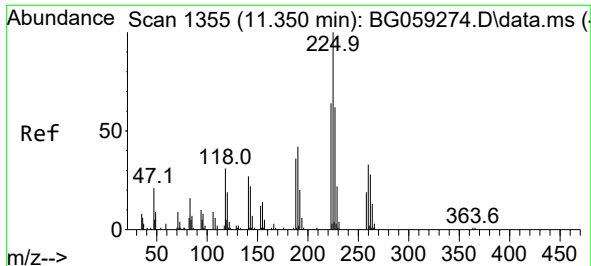
Tgt Ion:128 Resp: 284943
Ion Ratio Lower Upper
128 100
129 11.1 8.0 12.0
127 12.1 11.1 16.7



#32
4-Chloroaniline
Concen: 23.324 ng/ul
RT: 11.243 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:127 Resp: 98622
Ion Ratio Lower Upper
127 100
129 27.7 23.6 35.4

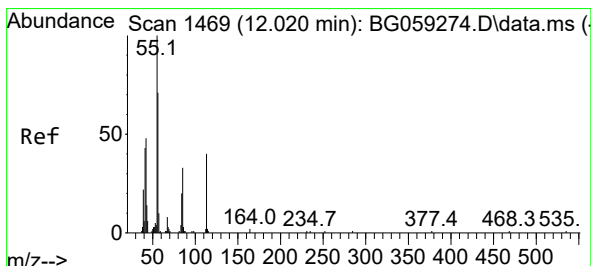
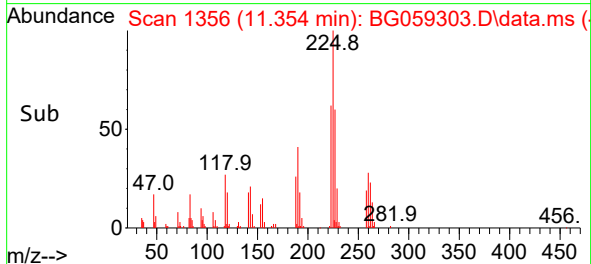
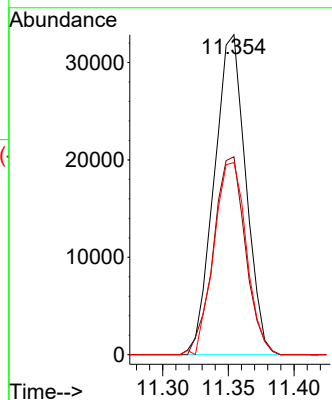
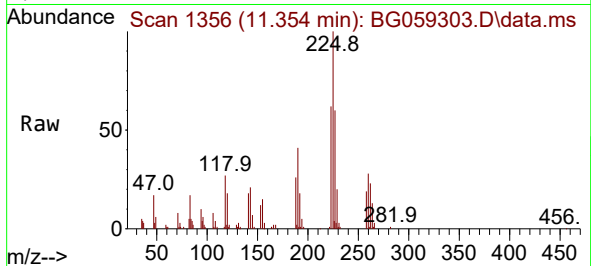




#33
Hexachlorobutadiene
Concen: 30.324 ng/ul
RT: 11.354 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

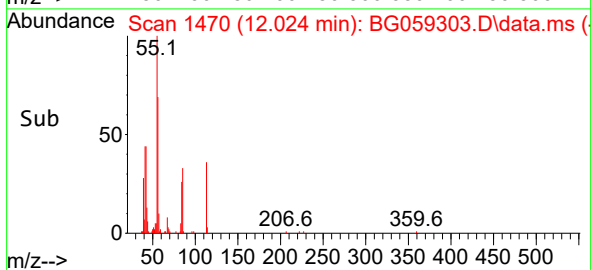
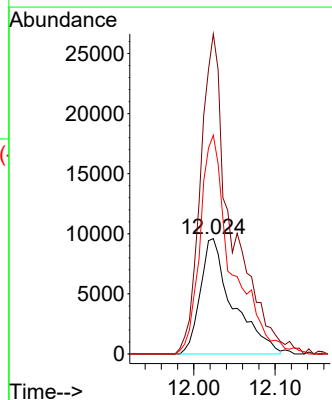
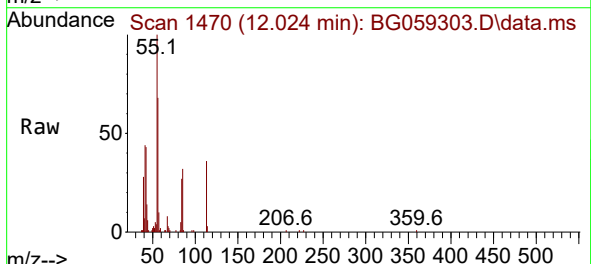
Instrument :
BNA_G
ClientSampleId :
SLCS012

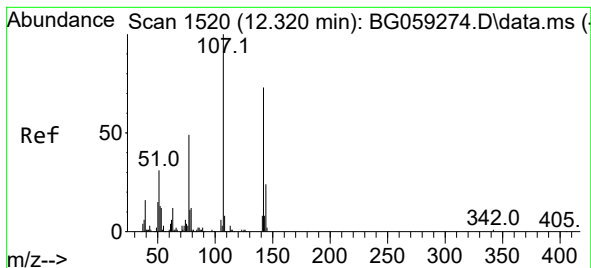
Tgt Ion:225 Resp: 55135
Ion Ratio Lower Upper
225 100
223 61.8 54.1 81.1
227 60.1 53.5 80.3



#34
Caprolactam
Concen: 28.459 ng/ul
RT: 12.024 min Scan# 1470
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:113 Resp: 26751
Ion Ratio Lower Upper
113 100
55 277.6 211.3 316.9
56 189.7 167.9 251.9

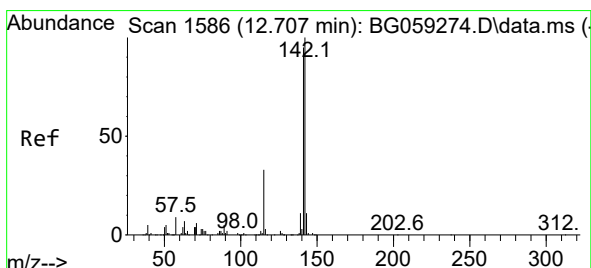
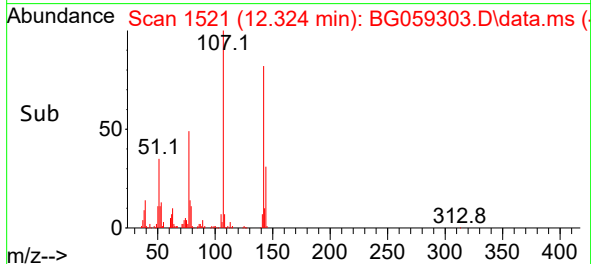
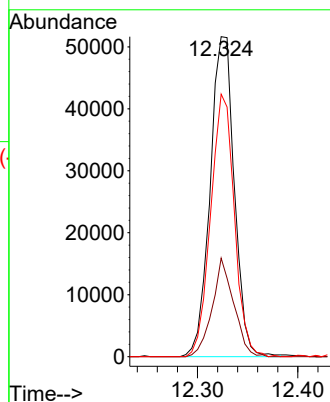
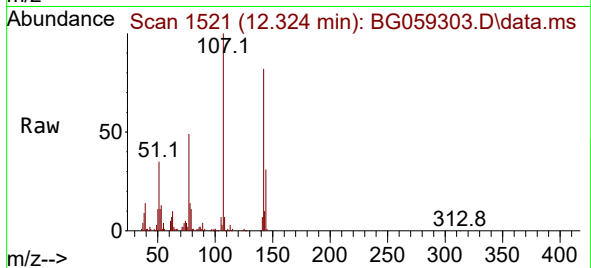




#35
4-Chloro-3-methylphenol
Concen: 29.872 ng/ul
RT: 12.324 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

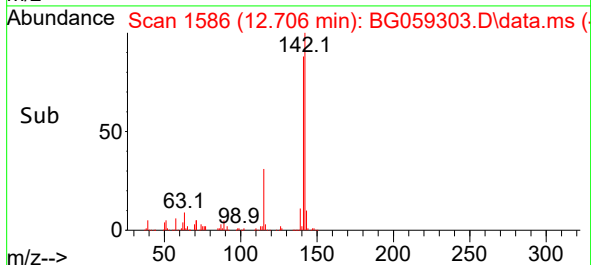
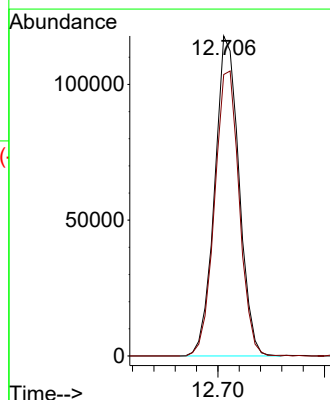
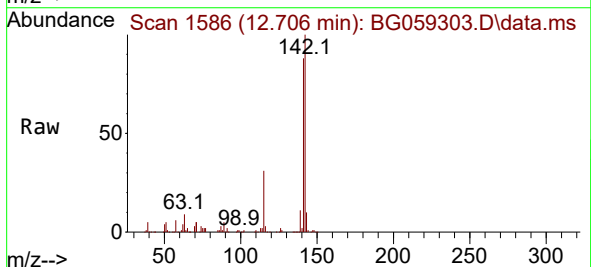
Instrument :
BNA_G
ClientSampleId :
SLCS012

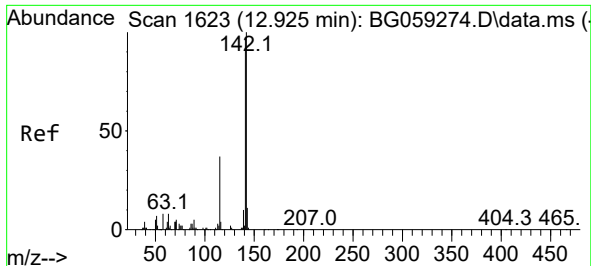
Tgt Ion:107 Resp: 86589
Ion Ratio Lower Upper
107 100
144 30.8 20.2 30.2#
142 82.0 58.8 88.2



#36
2-Methylnaphthalene
Concen: 27.630 ng/ul
RT: 12.706 min Scan# 1586
Delta R.T. -0.009 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:142 Resp: 186380
Ion Ratio Lower Upper
142 100
141 88.0 70.2 105.2





#37

1-Methylnaphthalene

Concen: 27.666 ng/ul

RT: 12.929 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

Instrument :

BNA_G

ClientSampleId :

SLCS012

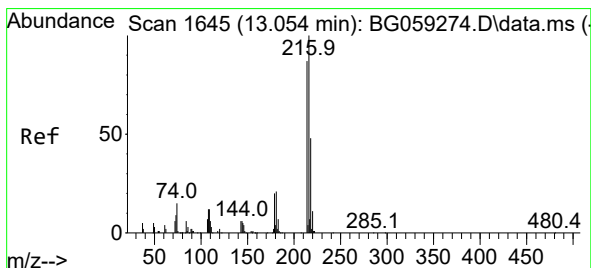
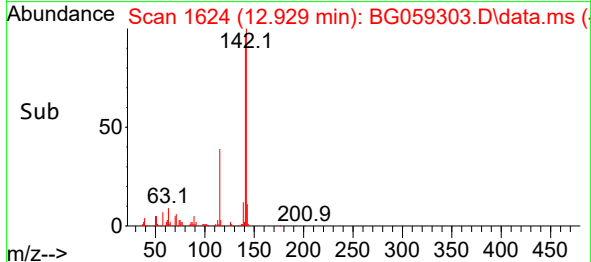
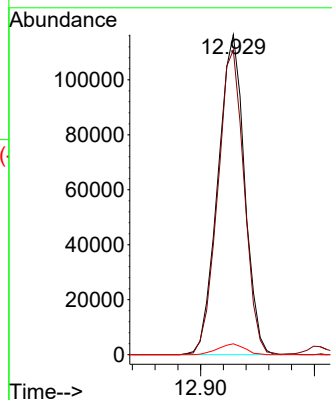
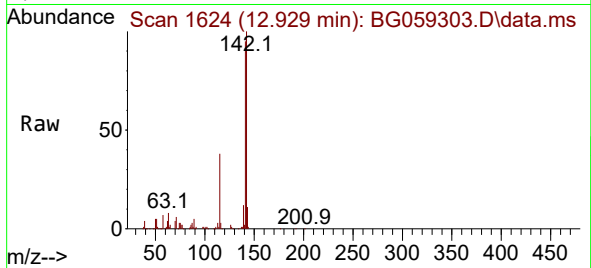
Tgt Ion:142 Resp: 189410

Ion Ratio Lower Upper

142 100

141 95.2 71.6 107.4

116 3.4 2.3 3.5



#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.747 ng/ul

RT: 13.052 min Scan# 1645

Delta R.T. -0.003 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

Tgt Ion:216 Resp: 99922

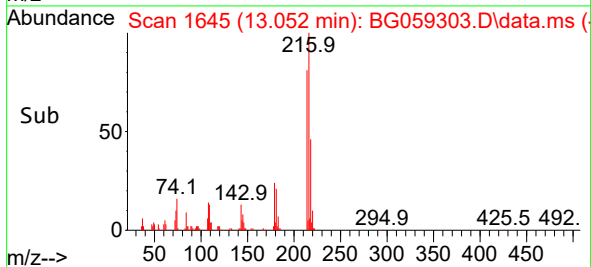
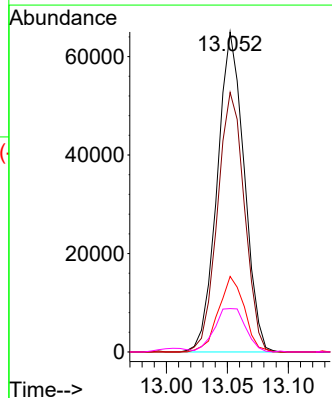
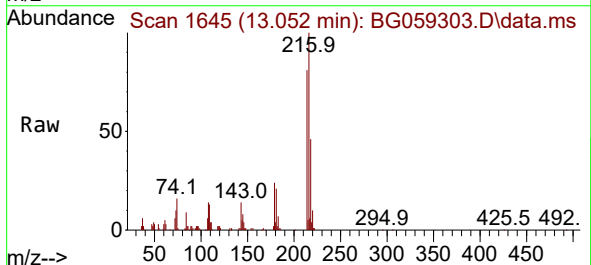
Ion Ratio Lower Upper

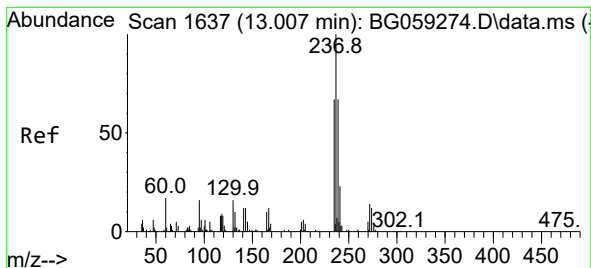
216 100

214 81.1 62.4 93.6

179 23.6 16.3 24.5

108 13.6 13.0 19.6





#40

Hexachlorocyclopentadiene

Concen: 17.695 ng/ul

RT: 13.005 min Scan# 1637

Delta R.T. -0.003 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

Instrument :

BNA_G

ClientSampleId :

SLCS012

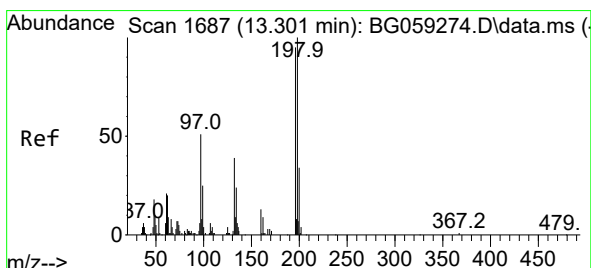
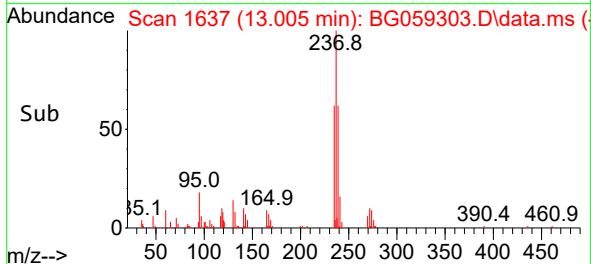
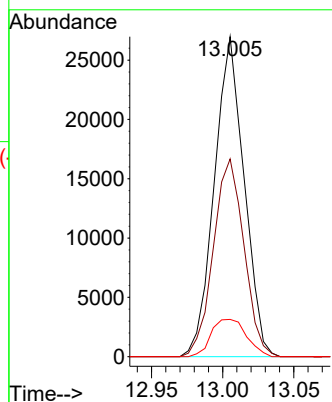
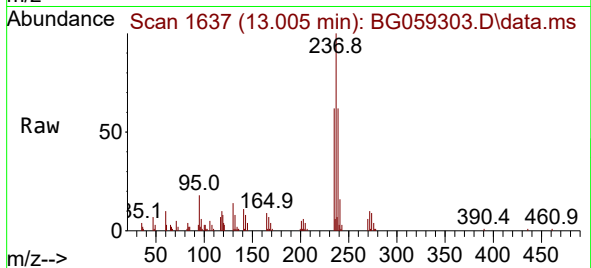
Tgt Ion:237 Resp: 39307

Ion Ratio Lower Upper

237 100

235 61.8 50.6 76.0

272 11.7 11.7 17.5#



#41

2,4,6-Trichlorophenol

Concen: 26.478 ng/ul

RT: 13.299 min Scan# 1687

Delta R.T. -0.003 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

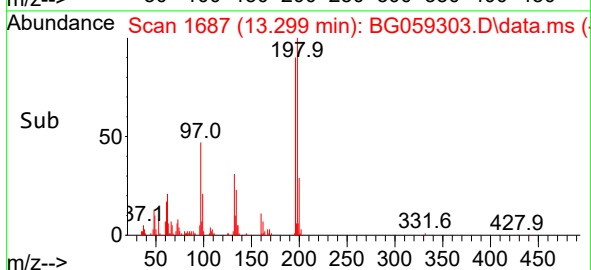
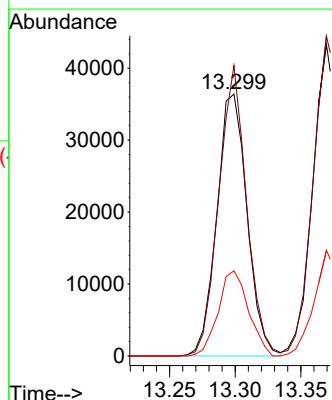
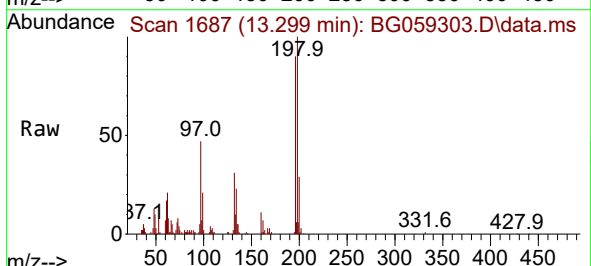
Tgt Ion:196 Resp: 58379

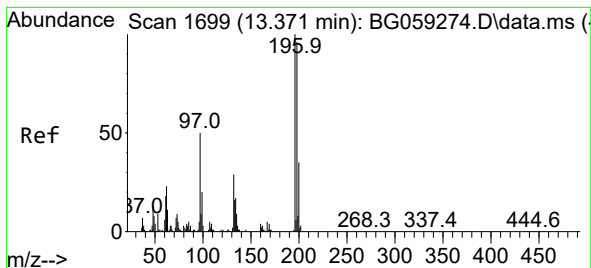
Ion Ratio Lower Upper

196 100

198 110.8 72.4 108.6#

200 32.5 23.8 35.8





#42

2,4,5-Trichlorophenol

Concen: 28.757 ng/ul

RT: 13.369 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

Instrument :

BNA_G

ClientSampleId :

SLCS012

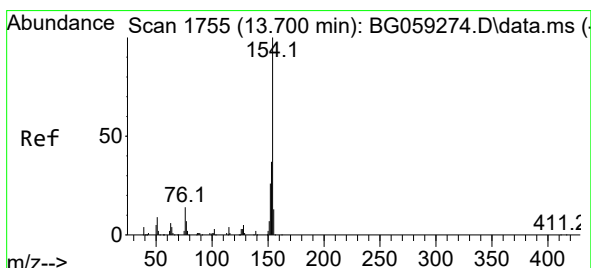
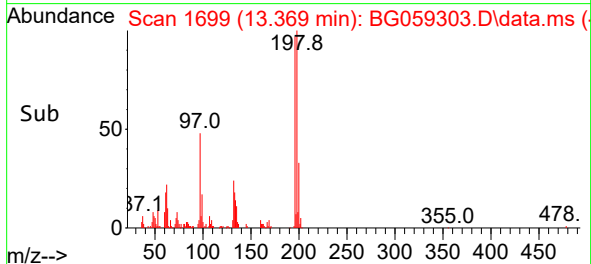
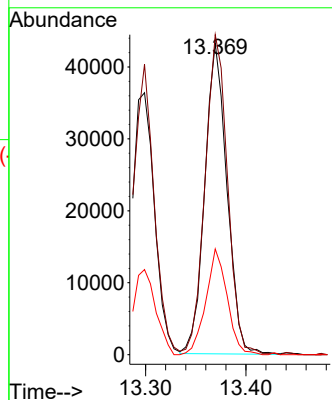
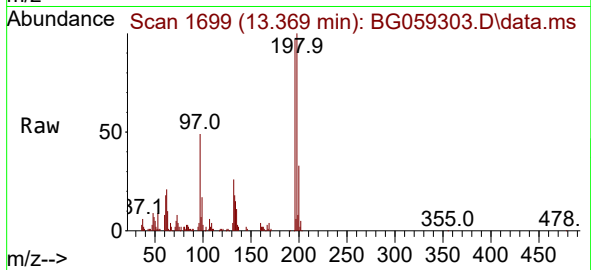
Tgt Ion:196 Resp: 66530

Ion Ratio Lower Upper

196 100

198 102.7 82.2 123.4

200 33.9 28.2 42.2



#43

1,1'-Biphenyl

Concen: 27.501 ng/ul

RT: 13.698 min Scan# 1755

Delta R.T. -0.009 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

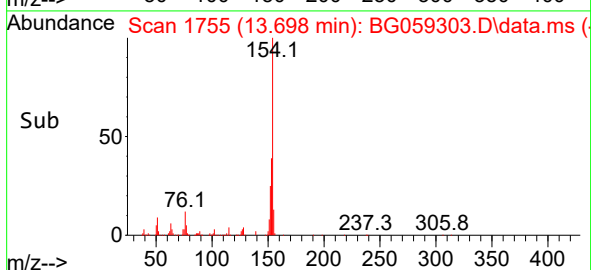
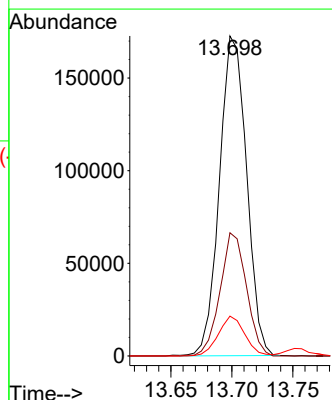
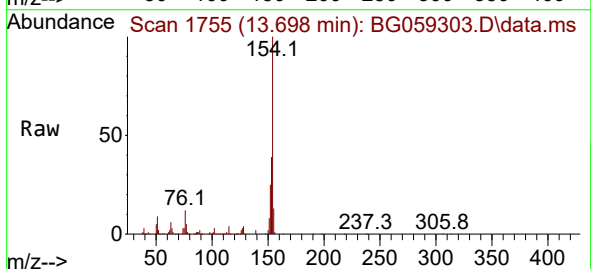
Tgt Ion:154 Resp: 267157

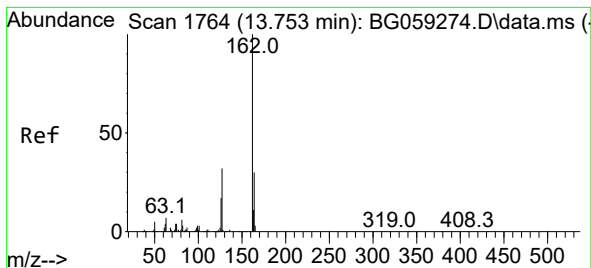
Ion Ratio Lower Upper

154 100

153 38.5 29.2 43.8

76 12.4 10.1 15.1





#44

2-Chloronaphthalene

Concen: 27.905 ng/ul

RT: 13.757 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

Instrument :

BNA_G

ClientSampleId :

SLCS012

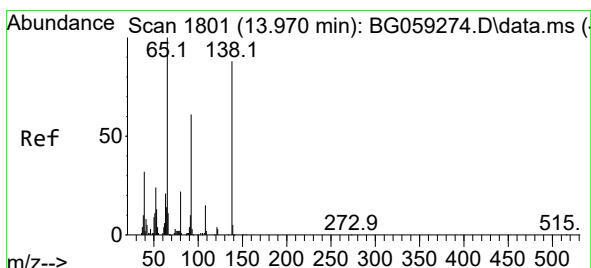
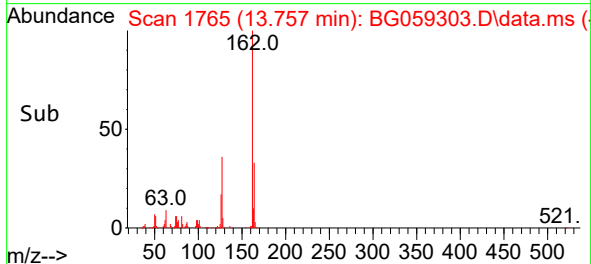
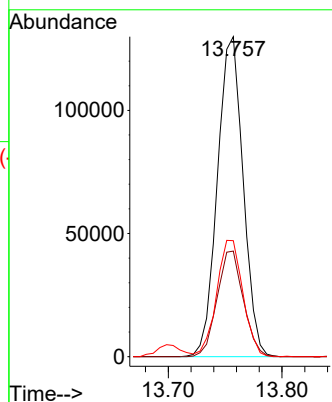
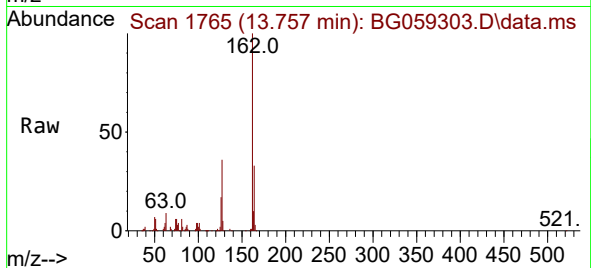
Tgt Ion:162 Resp: 204099

Ion Ratio Lower Upper

162 100

164 33.0 24.6 37.0

127 36.2 28.1 42.1



#45

2-Nitroaniline

Concen: 30.799 ng/ul

RT: 13.975 min Scan# 1802

Delta R.T. -0.003 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

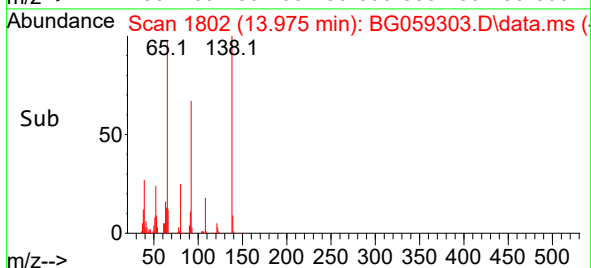
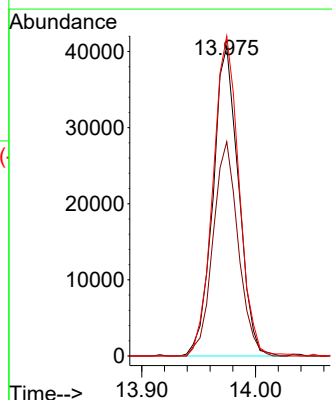
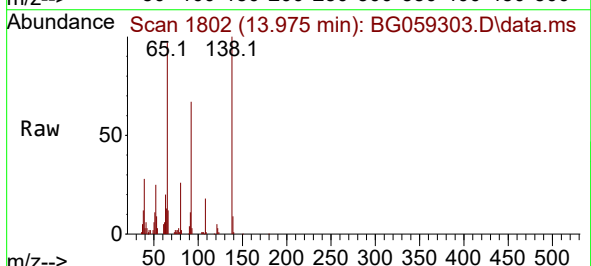
Tgt Ion: 65 Resp: 63541

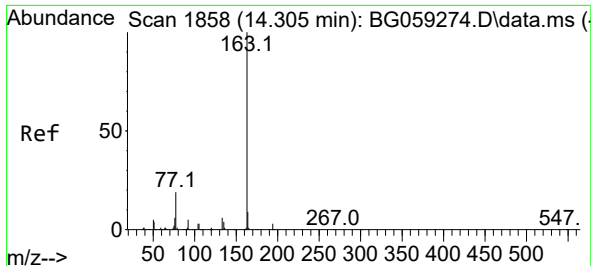
Ion Ratio Lower Upper

65 100

92 69.1 51.0 76.4

138 103.2 80.5 120.7

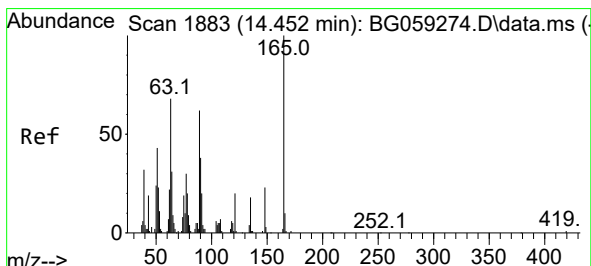
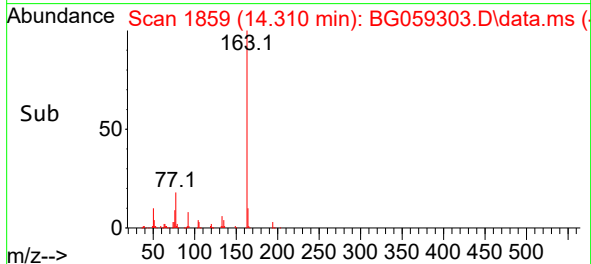
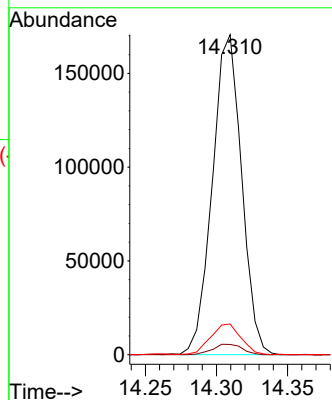
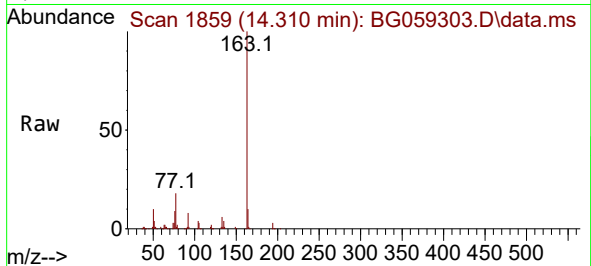




#47
Dimethylphthalate
Concen: 27.406 ng/ul
RT: 14.310 min Scan# 1859
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

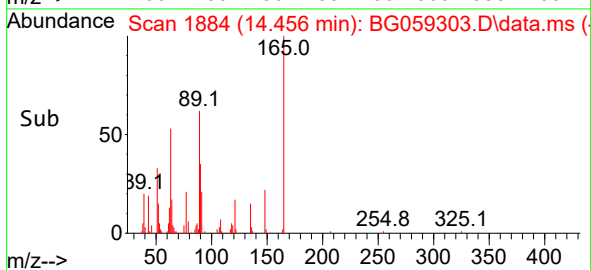
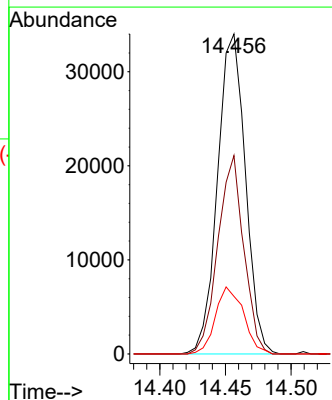
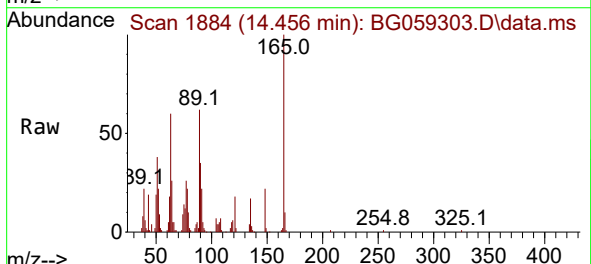
Instrument :
BNA_G
ClientSampleId :
SLCS012

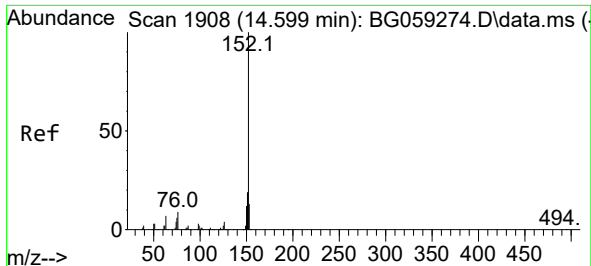
Tgt Ion:163 Resp: 244119
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.6 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 33.131 ng/ul
RT: 14.456 min Scan# 1884
Delta R.T. 0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:165 Resp: 50194
Ion Ratio Lower Upper
165 100
89 62.0 53.0 79.4
121 18.0 19.2 28.8#

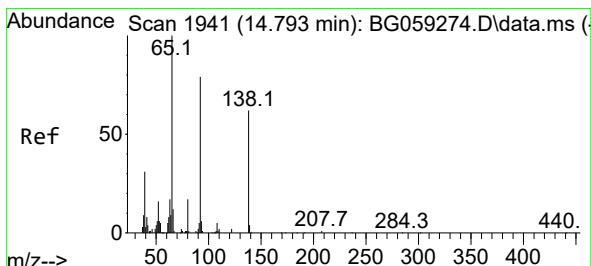
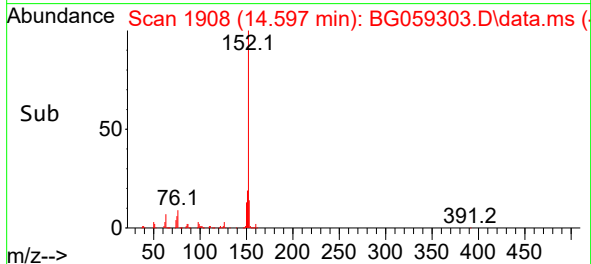
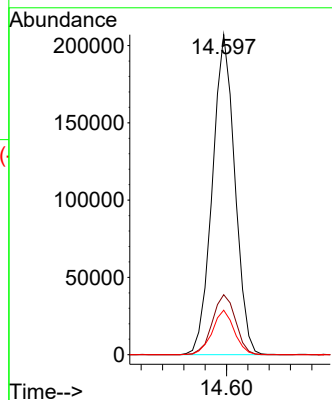
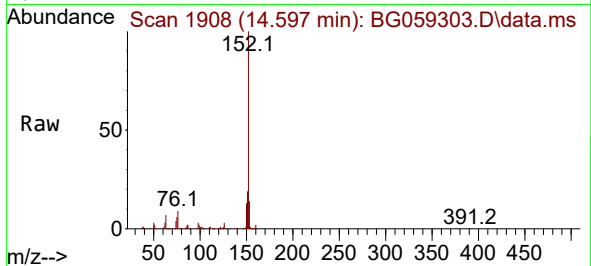




#50
Acenaphthylene
Concen: 26.011 ng/ul
RT: 14.597 min Scan# 1908
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

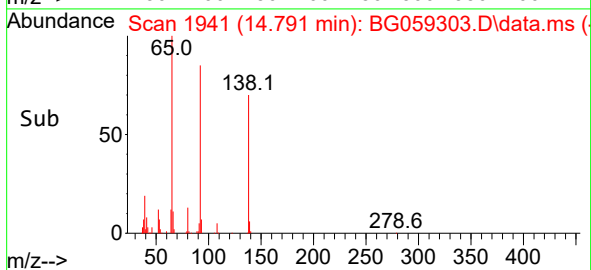
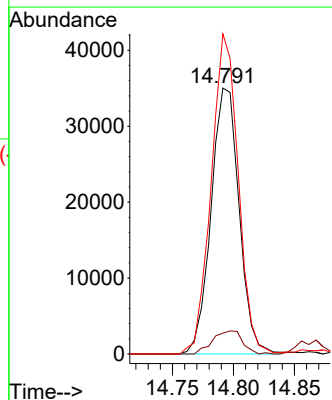
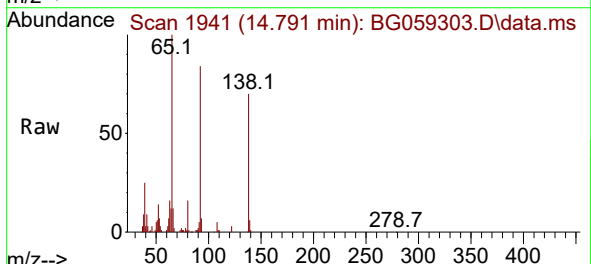
Instrument :
BNA_G
ClientSampleId :
SLCS012

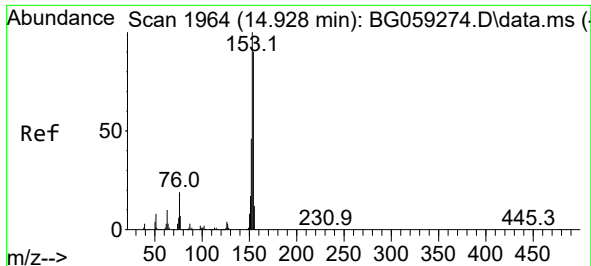
Tgt Ion:152 Resp: 303070
Ion Ratio Lower Upper
152 100
151 18.7 14.6 21.8
153 13.9 10.9 16.3



#51
3-Nitroaniline
Concen: 34.329 ng/ul
RT: 14.791 min Scan# 1941
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:138 Resp: 56145
Ion Ratio Lower Upper
138 100
108 7.8 10.0 15.0#
92 120.3 95.0 142.6

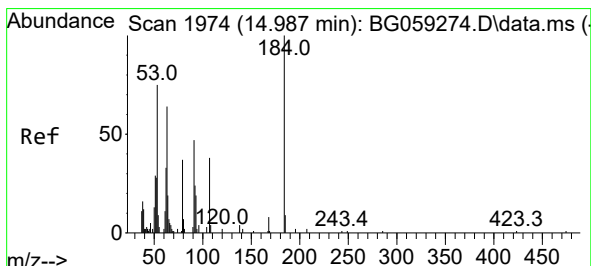
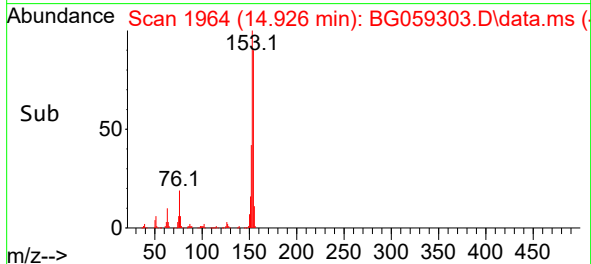
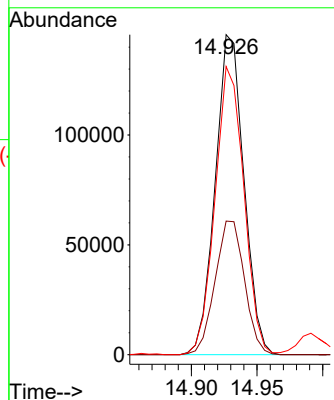
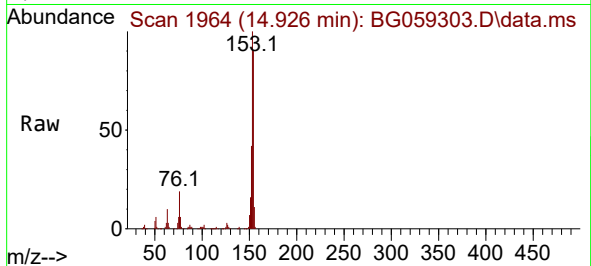




#52
Acenaphthene
Concen: 27.696 ng/ul
RT: 14.926 min Scan# 1964
Delta R.T. -0.009 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

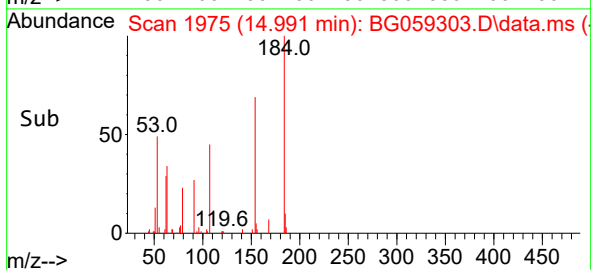
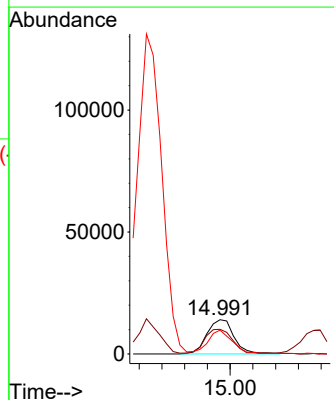
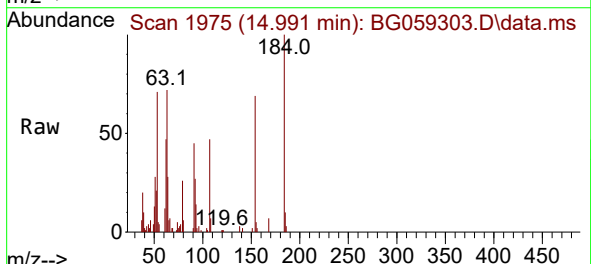
Instrument :
BNA_G
ClientSampleId :
SLCS012

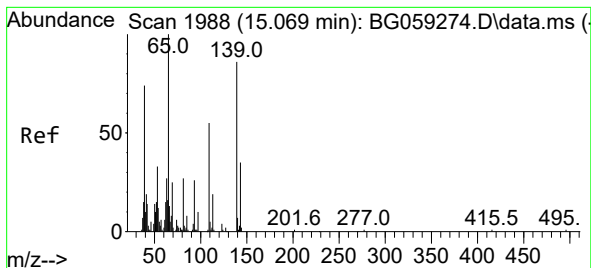
Tgt Ion:153 Resp: 221507
Ion Ratio Lower Upper
153 100
152 41.8 38.5 57.7
154 90.1 76.3 114.5



#53
2,4-Dinitrophenol
Concen: 27.651 ng/ul
RT: 14.991 min Scan# 1975
Delta R.T. 0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:184 Resp: 23287
Ion Ratio Lower Upper
184 100
63 72.0 69.9 104.9
154 69.3 38.6 58.0#

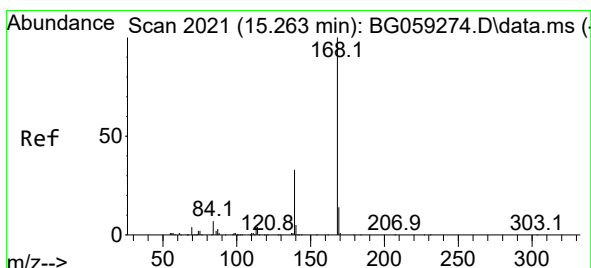
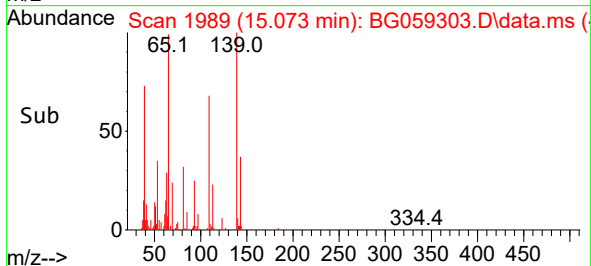
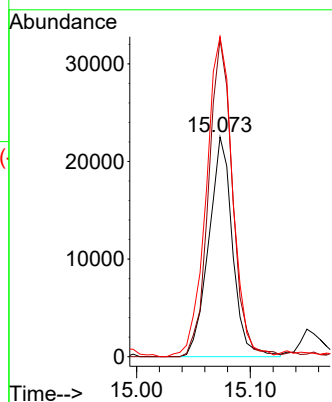
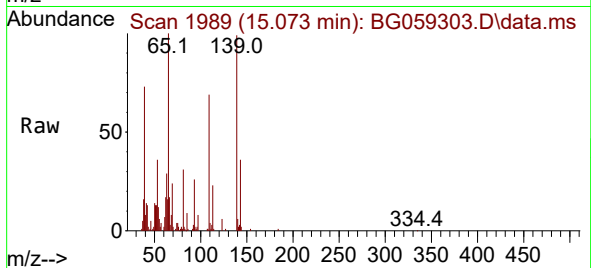




#55
4-Nitrophenol
Concen: 30.532 ng/ul
RT: 15.073 min Scan# 1988
Delta R.T. 0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

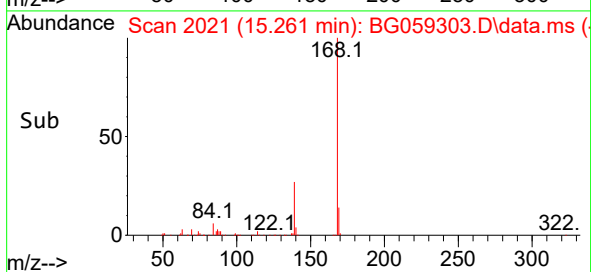
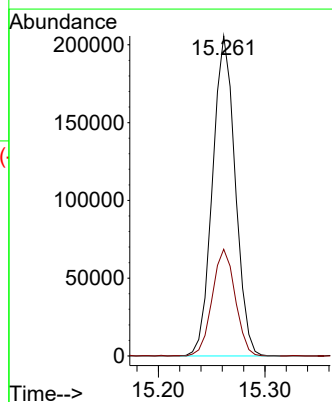
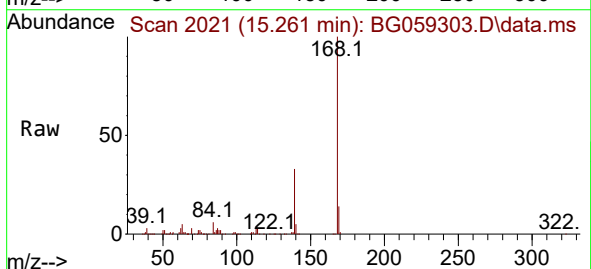
Instrument :
BNA_G
ClientSampleId :
SLCS012

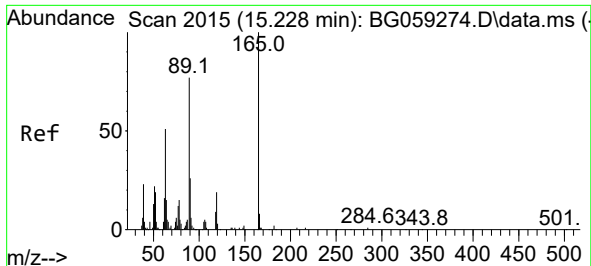
Tgt Ion:109 Resp: 32708
Ion Ratio Lower Upper
109 100
139 144.5 115.5 173.3
65 145.6 122.8 184.2



#56
Dibenzofuran
Concen: 28.623 ng/ul
RT: 15.261 min Scan# 2021
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:168 Resp: 303442
Ion Ratio Lower Upper
168 100
139 33.3 26.6 39.8





#57

2,4-Dinitrotoluene

Concen: 33.344 ng/ul

RT: 15.232 min Scan# 2015

Delta R.T. -0.003 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

Instrument :

BNA_G

ClientSampleId :

SLCS012

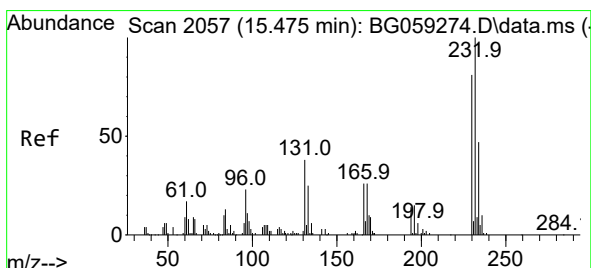
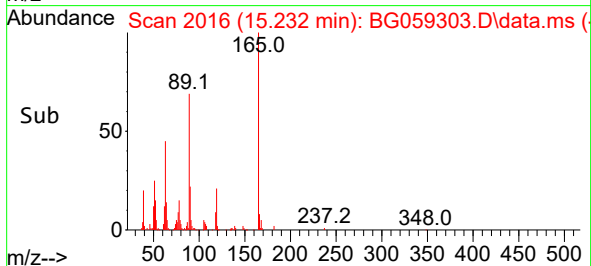
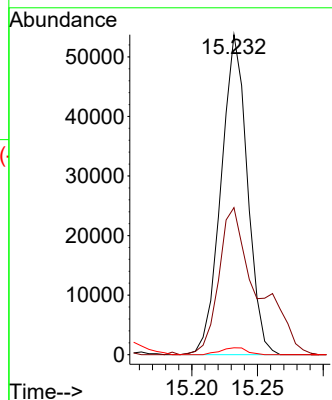
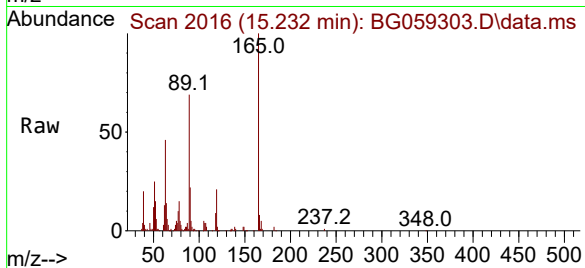
Tgt Ion:165 Resp: 74799

Ion Ratio Lower Upper

165 100

63 45.9 43.5 65.3

182 2.2 1.8 2.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 23.908 ng/ul

RT: 15.473 min Scan# 2057

Delta R.T. -0.003 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

Tgt Ion:232 Resp: 50073

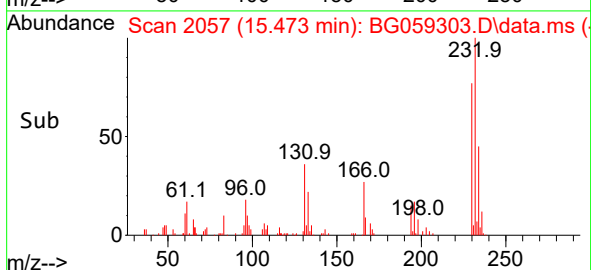
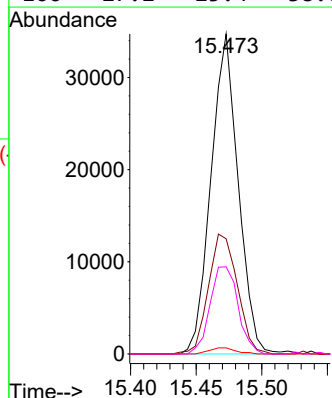
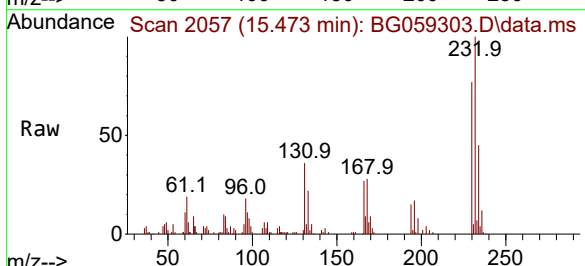
Ion Ratio Lower Upper

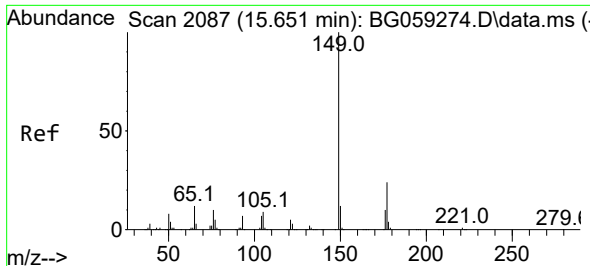
232 100

131 36.0 33.9 50.9

130 1.9 1.5 2.3

166 27.2 25.4 38.0

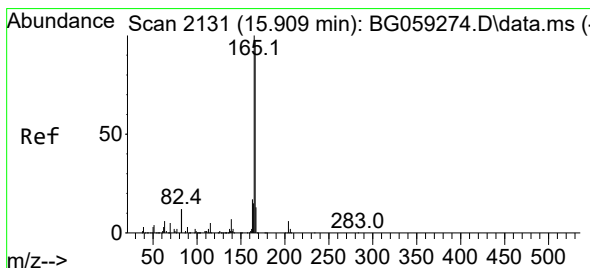
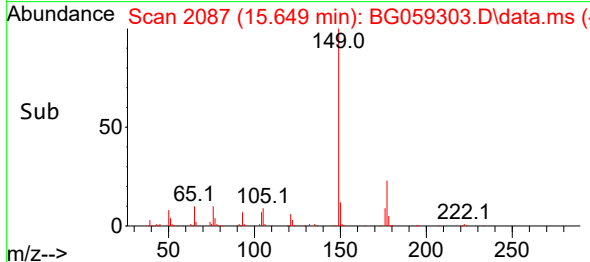
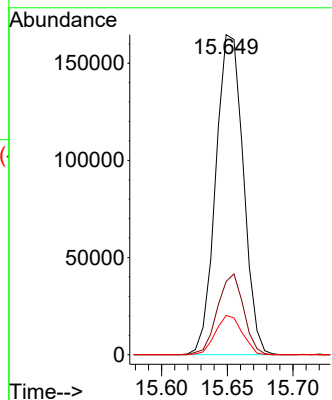
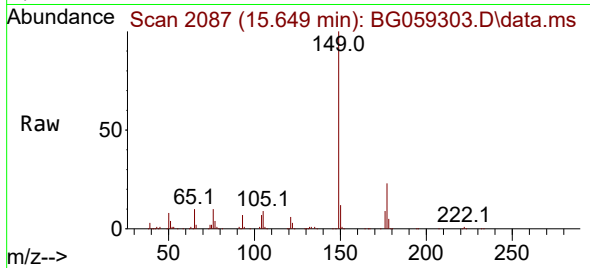




#59
Diethylphthalate
Concen: 27.894 ng/ul
RT: 15.649 min Scan# 2087
Delta R.T. -0.009 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

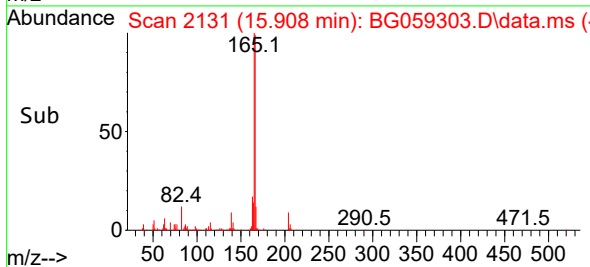
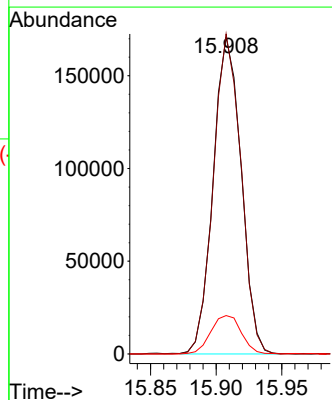
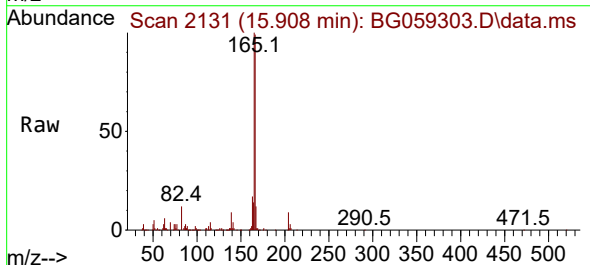
Instrument :
BNA_G
ClientSampleId :
SLCS012

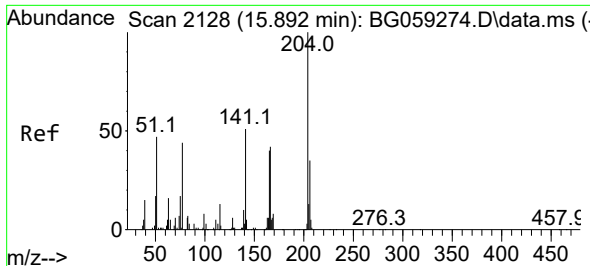
Tgt Ion:149 Resp: 240204
Ion Ratio Lower Upper
149 100
177 22.9 17.3 25.9
150 12.2 10.0 15.0



#61
Fluorene
Concen: 28.509 ng/ul
RT: 15.908 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:166 Resp: 253766
Ion Ratio Lower Upper
166 100
165 100.9 78.6 118.0
167 12.1 11.8 17.8

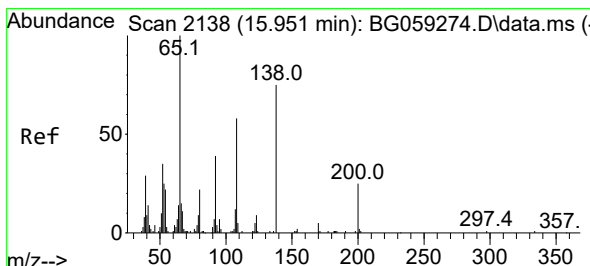
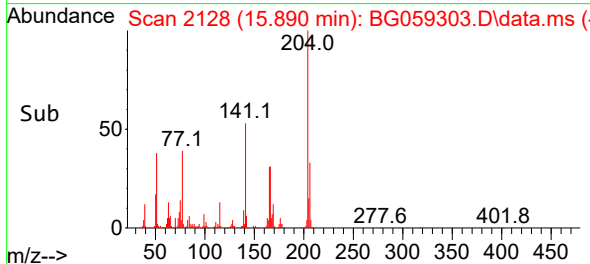
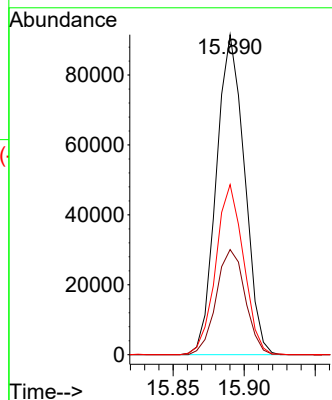
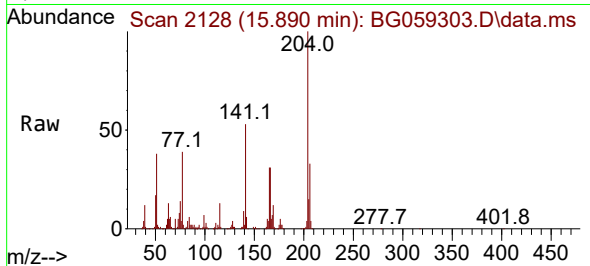




#62
4-Chlorophenyl-phenylether
Concen: 28.429 ng/ul
RT: 15.890 min Scan# 2128
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

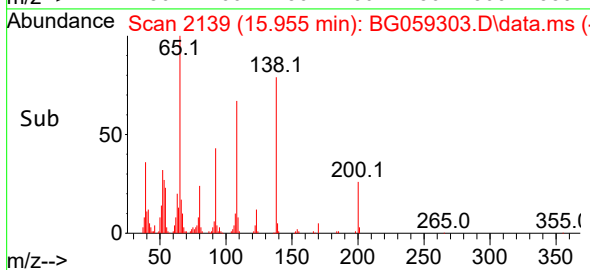
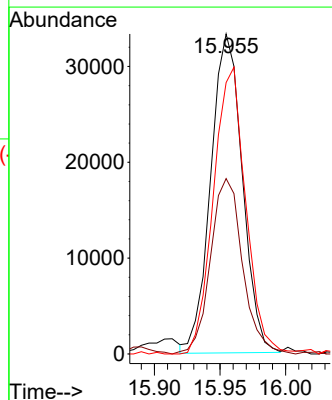
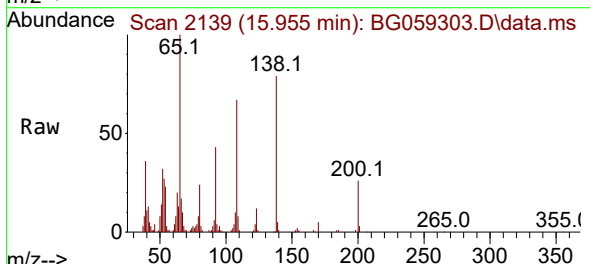
Instrument :
BNA_G
ClientSampleId :
SLCS012

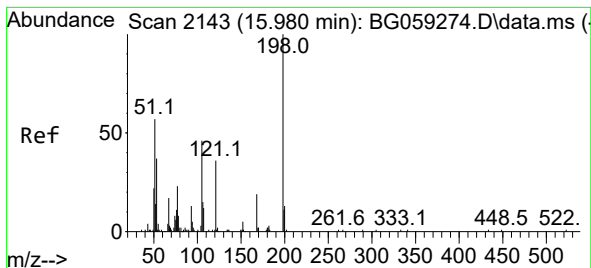
Tgt Ion:204 Resp: 126147
Ion Ratio Lower Upper
204 100
206 32.8 23.7 35.5
141 53.1 41.6 62.4



#63
4-Nitroaniline
Concen: 37.028 ng/ul
RT: 15.955 min Scan# 2139
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:138 Resp: 55731
Ion Ratio Lower Upper
138 100
92 54.8 41.0 61.6
108 84.8 57.0 85.4

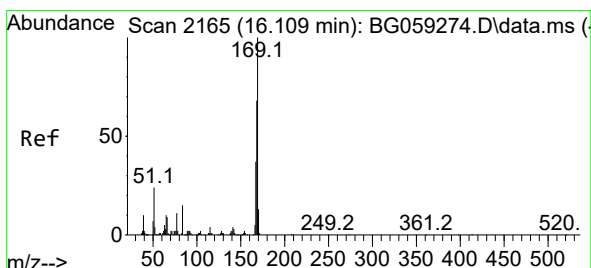
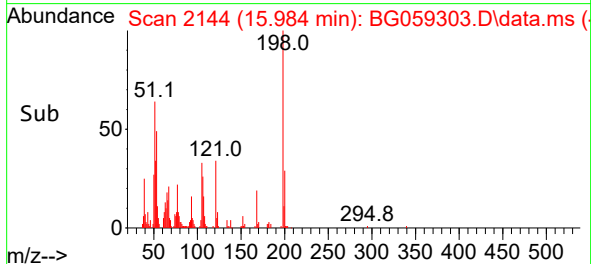
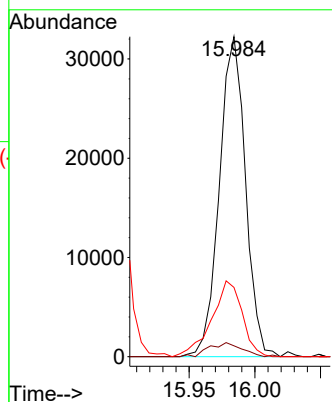
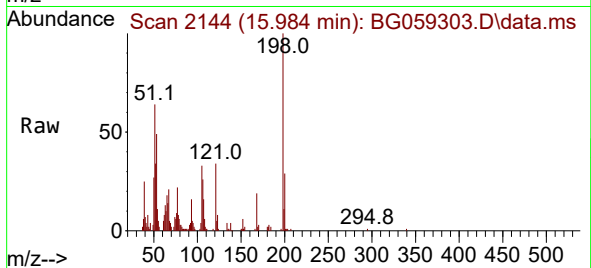




#66
4,6-Dinitro-2-methylphenol
Concen: 29.942 ng/ul
RT: 15.984 min Scan# 2143
Delta R.T. 0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

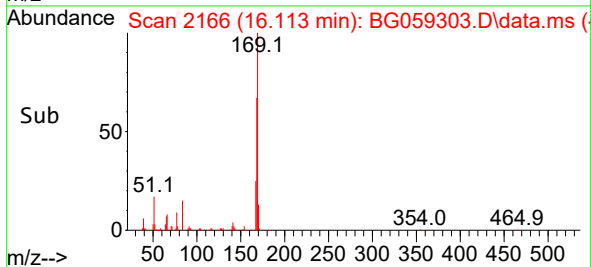
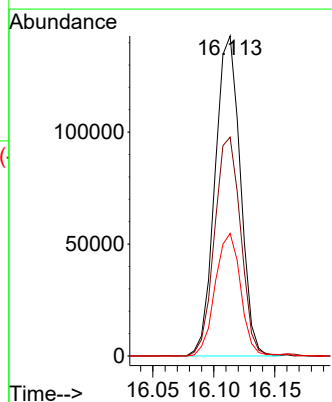
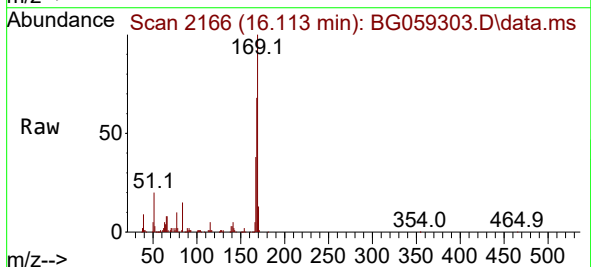
Instrument :
BNA_G
ClientSampleId :
SLCS012

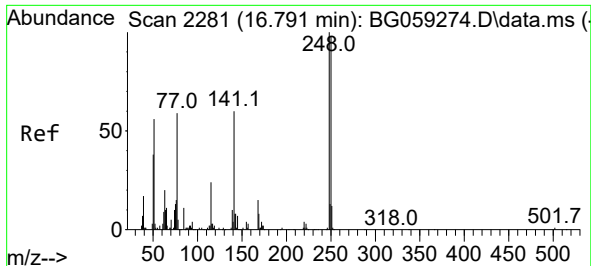
Tgt Ion:198 Resp: 44538
Ion Ratio Lower Upper
198 100
182 3.4 4.4 6.6#
77 21.7 23.2 34.8#



#67
N-Nitrosodiphenylamine
Concen: 28.180 ng/ul
RT: 16.113 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:169 Resp: 206159
Ion Ratio Lower Upper
169 100
168 68.4 57.0 85.6
167 38.3 29.8 44.6

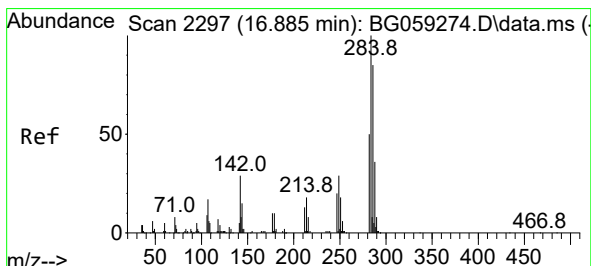
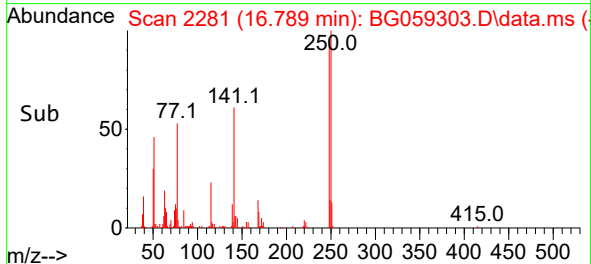
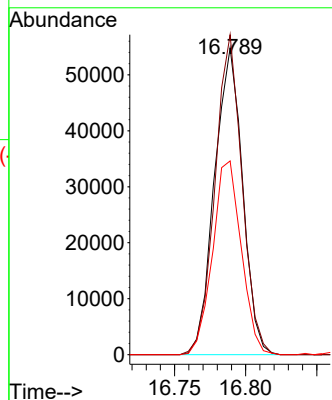
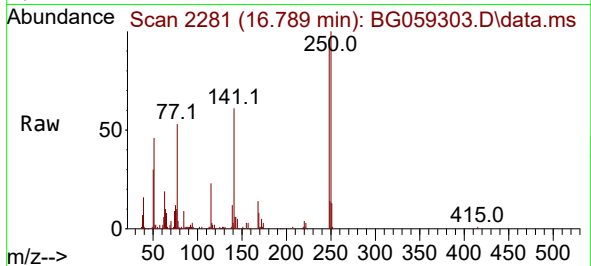




#68
4-Bromophenyl-phenylether
Concen: 28.277 ng/ul
RT: 16.789 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

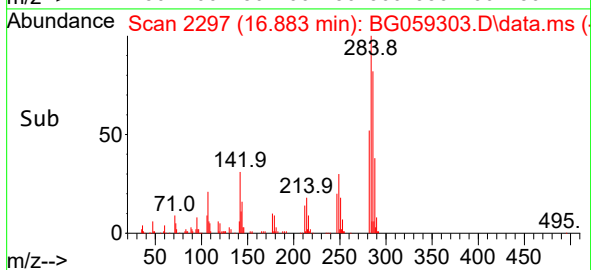
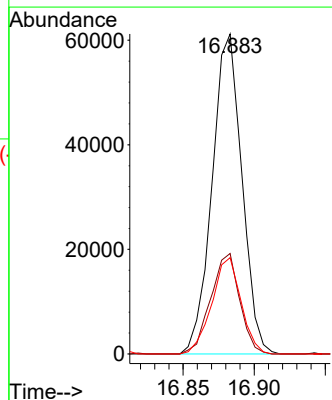
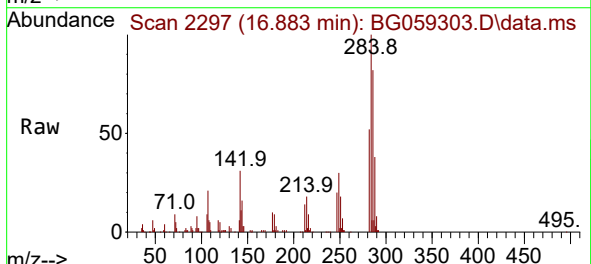
Instrument :
BNA_G
ClientSampleId :
SLCS012

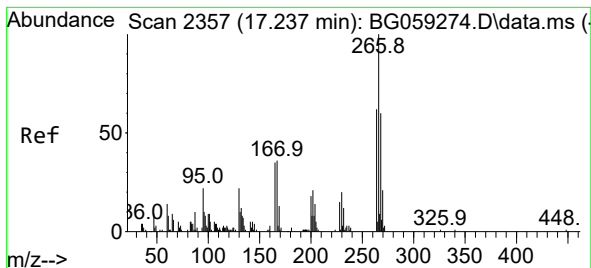
Tgt Ion:248 Resp: 75181
Ion Ratio Lower Upper
248 100
250 104.3 78.9 118.3
141 63.1 49.6 74.4



#69
Hexachlorobenzene
Concen: 29.649 ng/ul
RT: 16.883 min Scan# 2297
Delta R.T. -0.003 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:284 Resp: 89057
Ion Ratio Lower Upper
284 100
142 31.4 26.8 40.2
249 30.1 24.2 36.4





#71

Pentachlorophenol

Concen: 21.522 ng/ul

RT: 17.235 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

Instrument :

BNA_G

ClientSampleId :

SLCS012

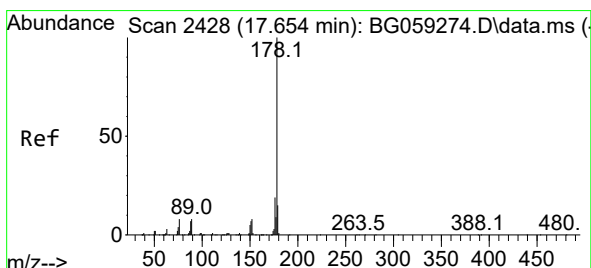
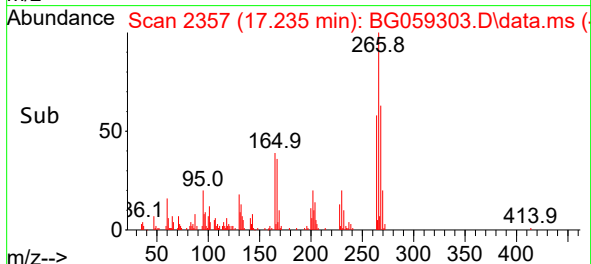
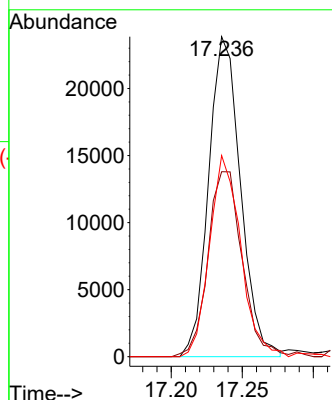
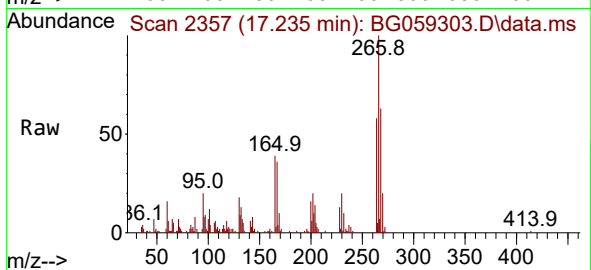
Tgt Ion:266 Resp: 37206

Ion Ratio Lower Upper

266 100

264 57.8 46.4 69.6

268 62.8 46.0 69.0



#72

Phenanthrene

Concen: 28.808 ng/ul

RT: 17.659 min Scan# 2429

Delta R.T. -0.003 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

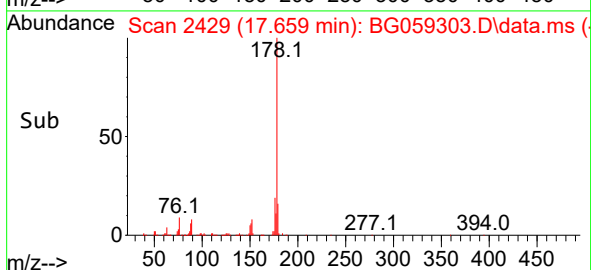
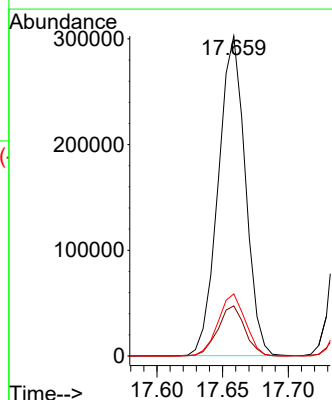
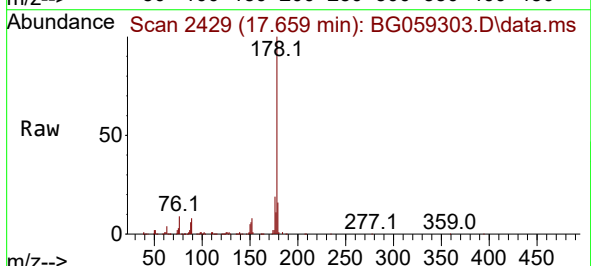
Tgt Ion:178 Resp: 433890

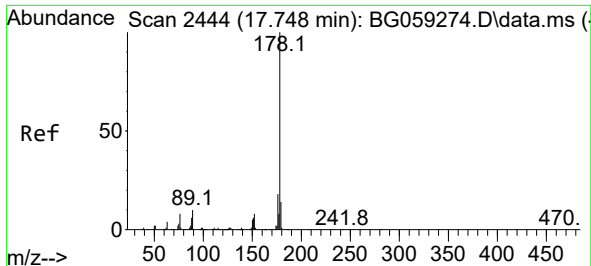
Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 19.4 14.6 21.8

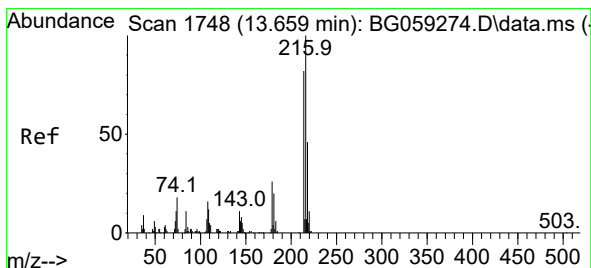
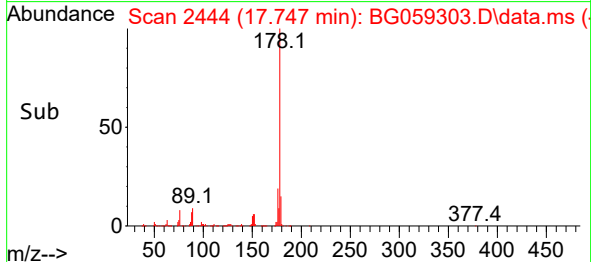
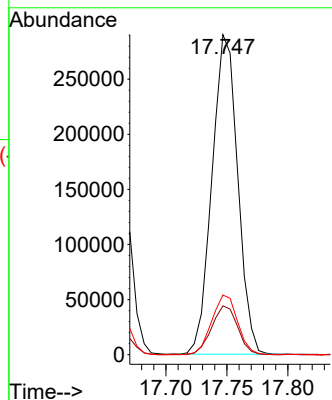
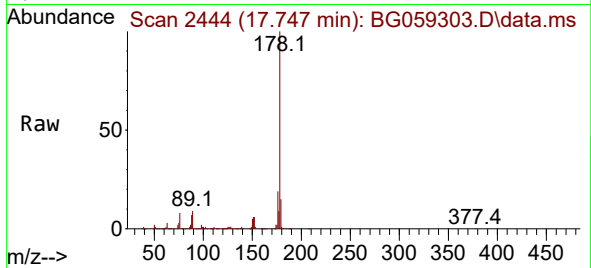




#74
 Anthracene
 Concen: 27.413 ng/uI
 RT: 17.747 min Scan# 2444
 Delta R.T. -0.009 min
 Lab File: BG059303.D
 Acq: 5 Oct 2023 19:27

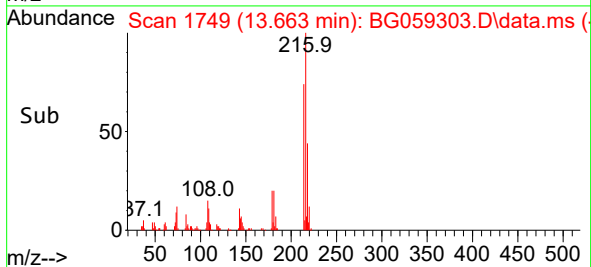
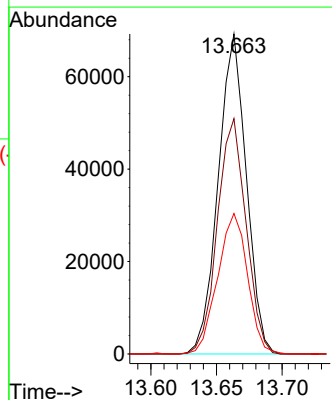
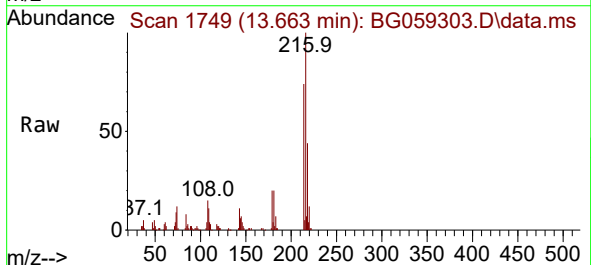
Instrument :
 BNA_G
 ClientSampleId :
 SLCS012

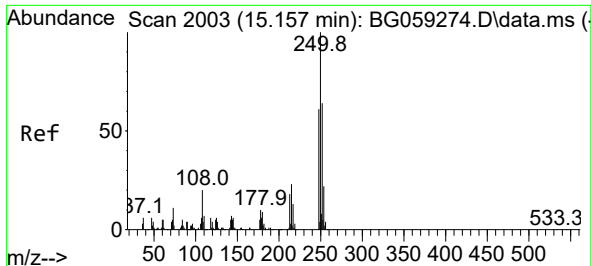
Tgt Ion:178 Resp: 426320
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.0 18.0
 176 18.6 14.5 21.7



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 28.513 ng/uI
 RT: 13.663 min Scan# 1749
 Delta R.T. -0.003 min
 Lab File: BG059303.D
 Acq: 5 Oct 2023 19:27

Tgt Ion:216 Resp: 103119
 Ion Ratio Lower Upper
 216 100
 214 73.5 64.3 96.5
 218 43.9 38.6 57.8

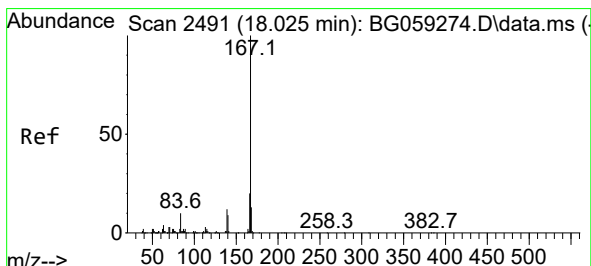
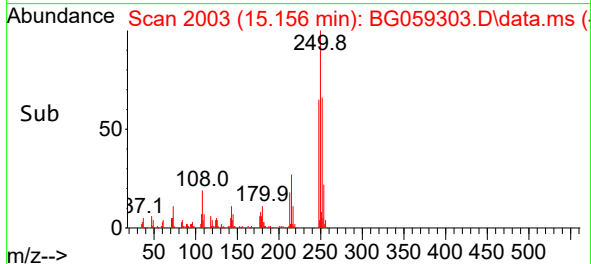
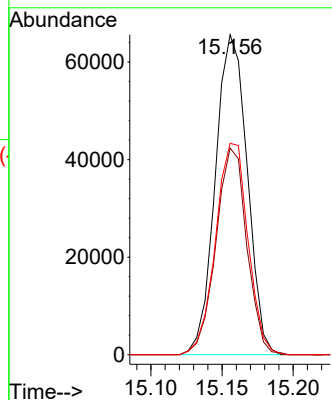
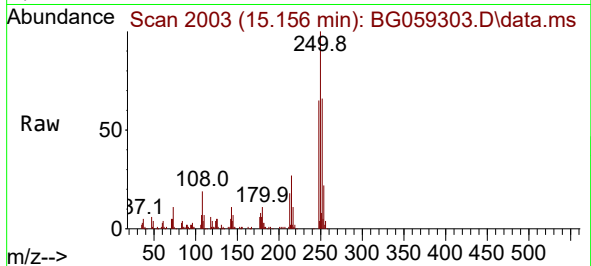




#76
 Pentachlorobenzene
 Concen: 28.634 ng/uL
 RT: 15.156 min Scan# 2003
 Delta R.T. -0.003 min
 Lab File: BG059303.D
 Acq: 5 Oct 2023 19:27

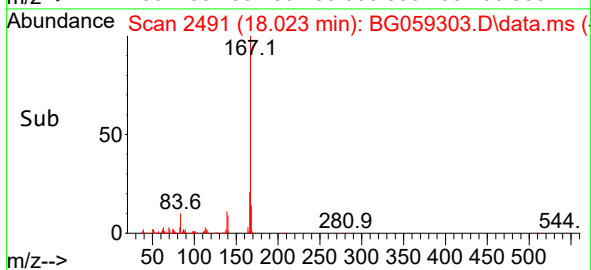
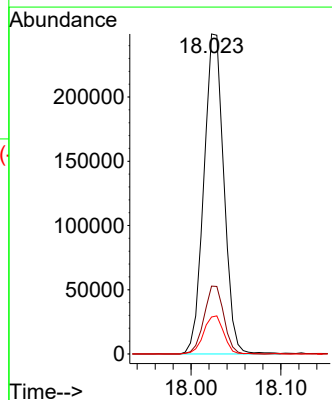
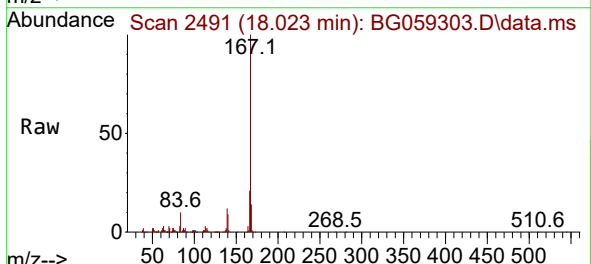
Instrument :
 BNA_G
 ClientSampleId :
 SLCS012

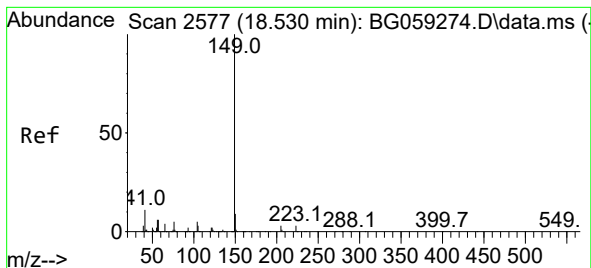
Tgt Ion:250 Resp: 102252
 Ion Ratio Lower Upper
 250 100
 248 64.5 50.4 75.6
 252 66.1 55.8 83.6



#77
 Carbazole
 Concen: 30.373 ng/uL
 RT: 18.023 min Scan# 2491
 Delta R.T. -0.009 min
 Lab File: BG059303.D
 Acq: 5 Oct 2023 19:27

Tgt Ion:167 Resp: 384983
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 11.6 9.0 13.4





#78

Di-n-butylphthalate

Concen: 30.650 ng/ul

RT: 18.528 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

Instrument :

BNA_G

ClientSampleId :

SLCS012

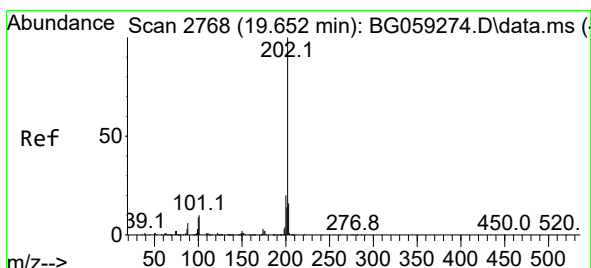
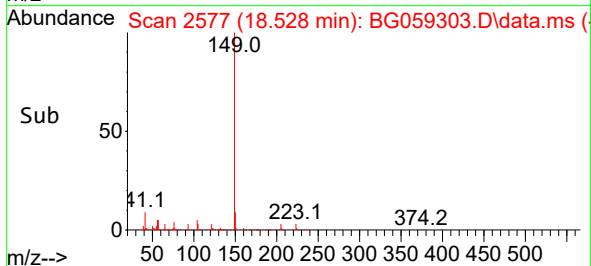
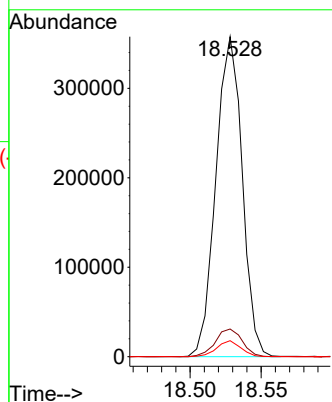
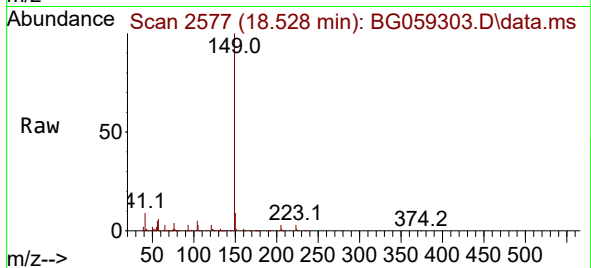
Tgt Ion:149 Resp: 460533

Ion Ratio Lower Upper

149 100

150 8.7 7.2 10.8

104 5.0 3.6 5.4



#80

Fluoranthene

Concen: 31.016 ng/ul

RT: 19.650 min Scan# 2768

Delta R.T. -0.009 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

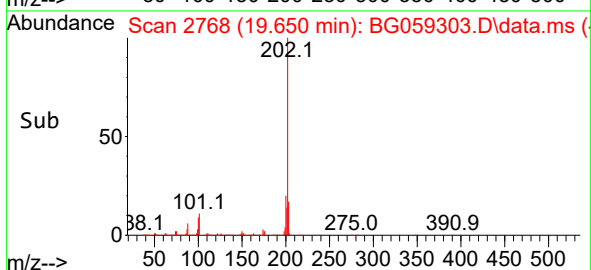
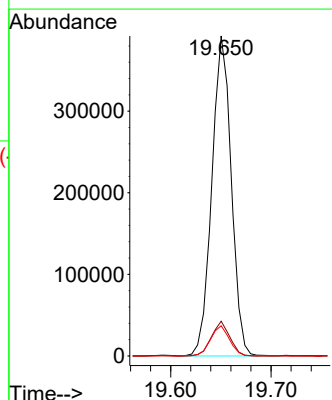
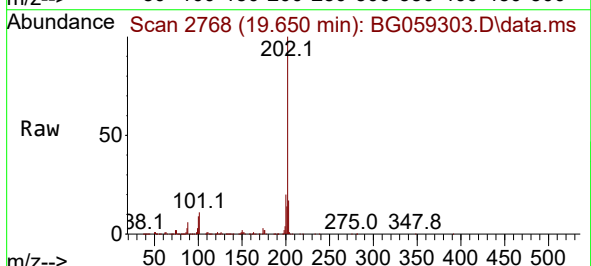
Tgt Ion:202 Resp: 527828

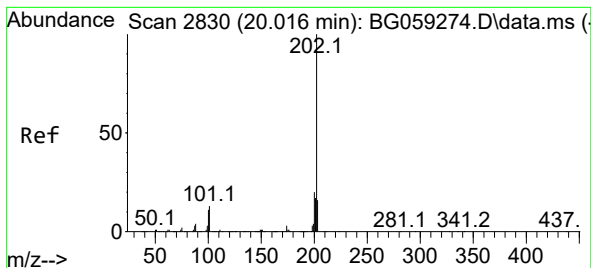
Ion Ratio Lower Upper

202 100

101 10.8 8.2 12.4

100 9.5 8.2 12.2





#82

Pyrene

Concen: 29.780 ng/ul

RT: 20.015 min Scan# 2830

Delta R.T. -0.009 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

Instrument :

BNA_G

ClientSampleId :

SLCS012

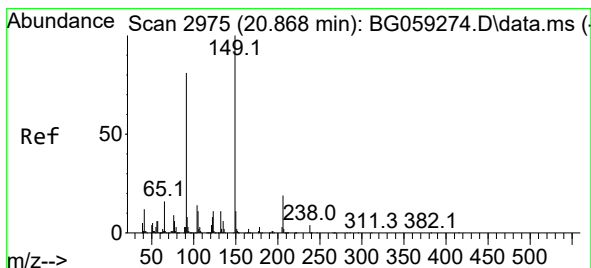
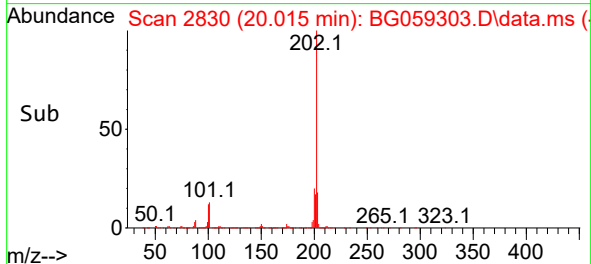
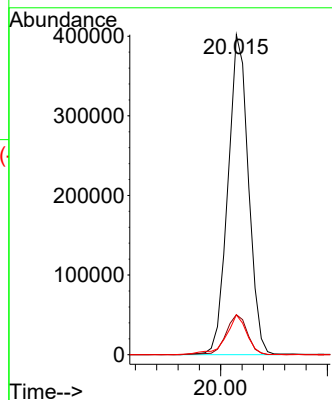
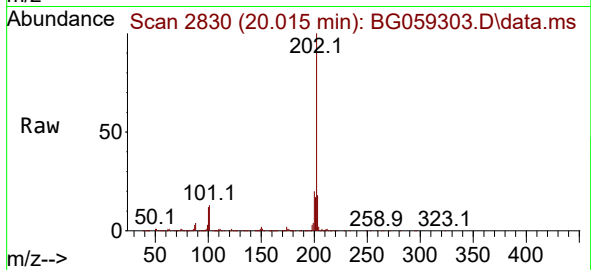
Tgt Ion:202 Resp: 536801

Ion Ratio Lower Upper

202 100

101 12.5 10.2 15.4

100 12.4 9.6 14.4



#83

Butylbenzylphthalate

Concen: 32.428 ng/ul

RT: 20.867 min Scan# 2975

Delta R.T. -0.009 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

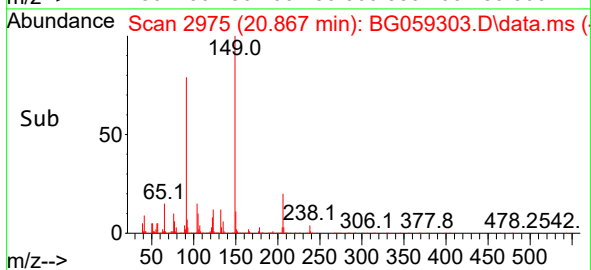
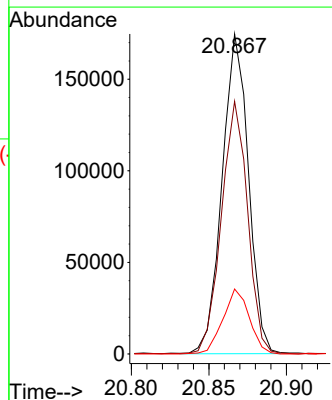
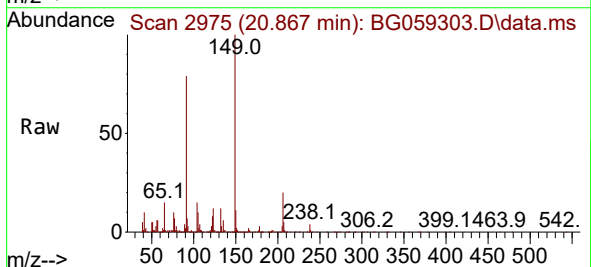
Tgt Ion:149 Resp: 206130

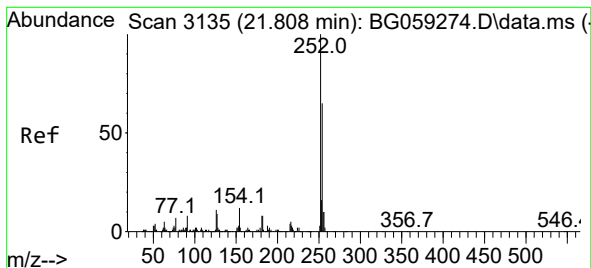
Ion Ratio Lower Upper

149 100

91 78.9 64.5 96.7

206 20.3 17.0 25.6





#84

3,3'-Dichlorobenzidine

Concen: 33.416 ng/ul

RT: 21.807 min Scan# 3135

Delta R.T. -0.009 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

Instrument :

BNA_G

ClientSampleId :

SLCS012

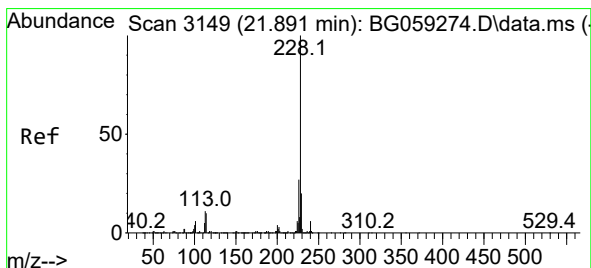
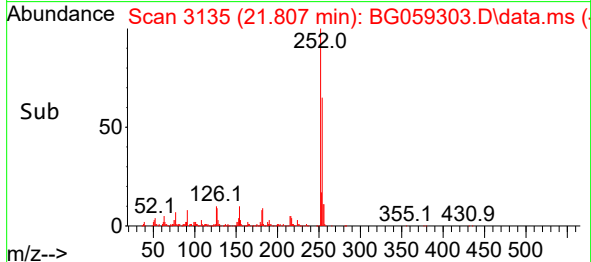
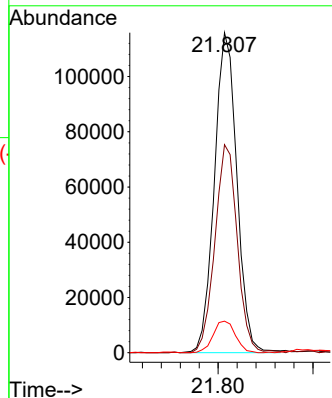
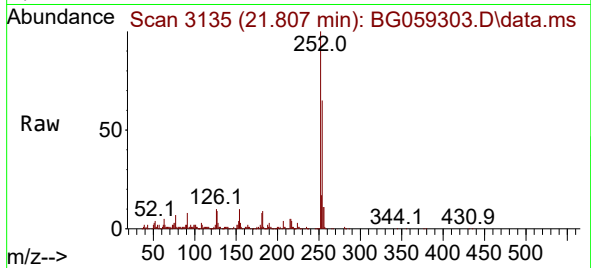
Tgt Ion:252 Resp: 190901

Ion Ratio Lower Upper

252 100

254 65.0 50.2 75.2

126 9.9 7.9 11.9



#85

Benzo(a)anthracene

Concen: 29.054 ng/ul

RT: 21.895 min Scan# 3150

Delta R.T. -0.009 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

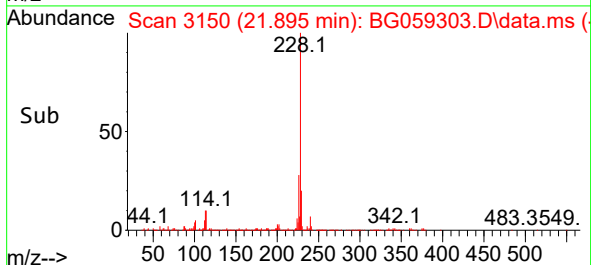
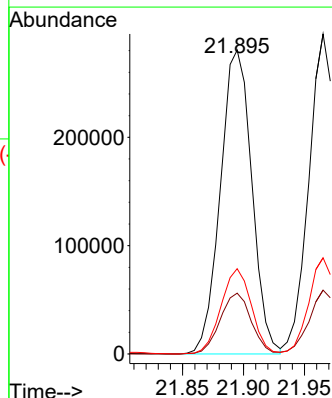
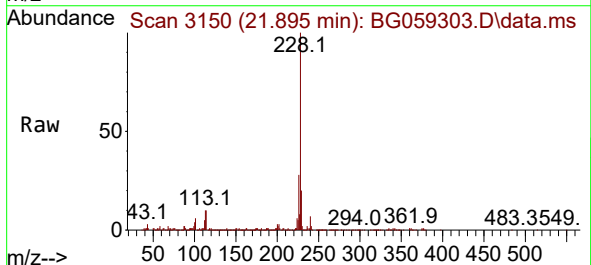
Tgt Ion:228 Resp: 504528

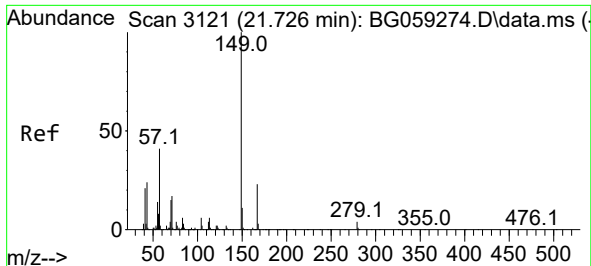
Ion Ratio Lower Upper

228 100

229 20.0 15.5 23.3

226 28.1 21.4 32.2

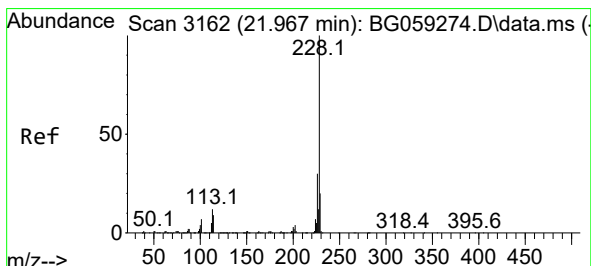
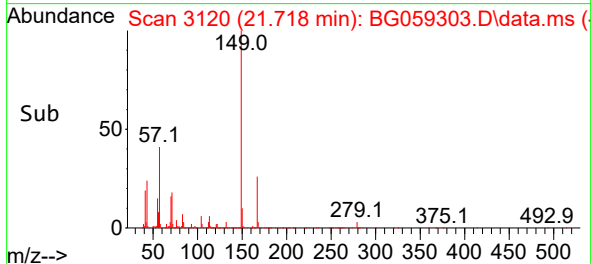
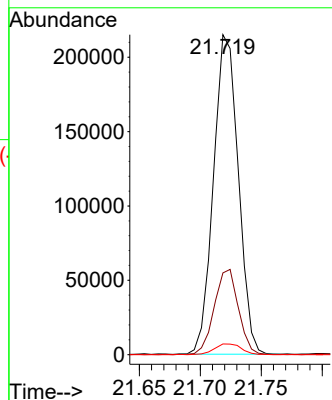
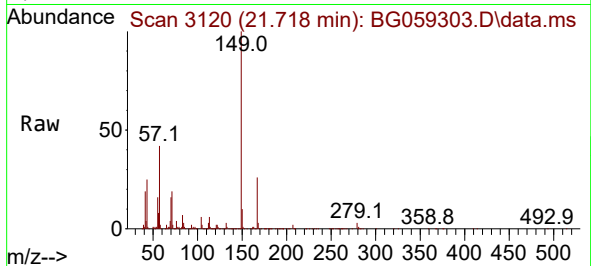




#86
Bis(2-ethylhexyl)phthalate
Concen: 31.522 ng/ul
RT: 21.718 min Scan# 3120
Delta R.T. -0.020 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

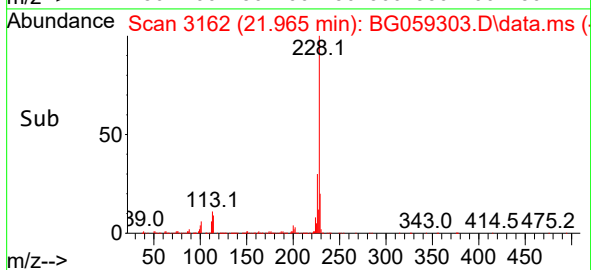
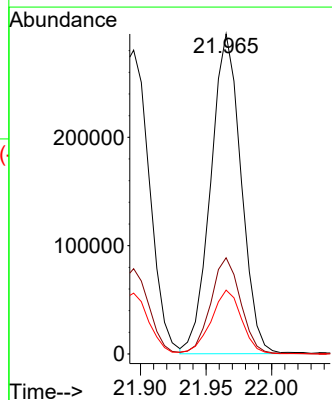
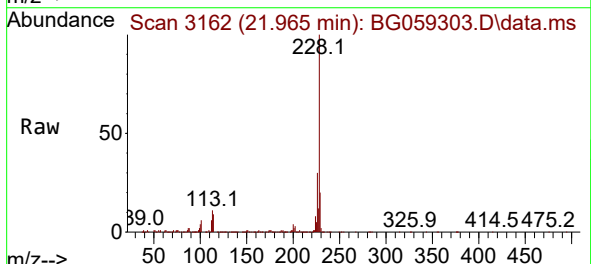
Instrument :
BNA_G
ClientSampleId :
SLCS012

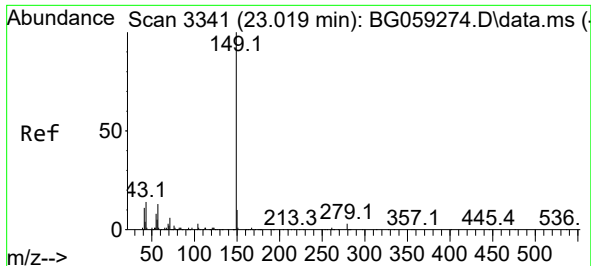
Tgt Ion:149 Resp: 304260
Ion Ratio Lower Upper
149 100
167 25.6 19.1 28.7
279 3.3 2.9 4.3



#87
Chrysene
Concen: 29.000 ng/ul
RT: 21.965 min Scan# 3162
Delta R.T. -0.009 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:228 Resp: 475619
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 19.9 16.2 24.2

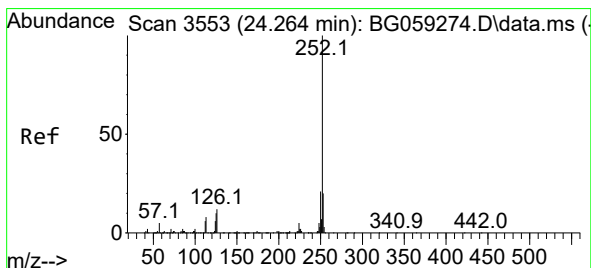
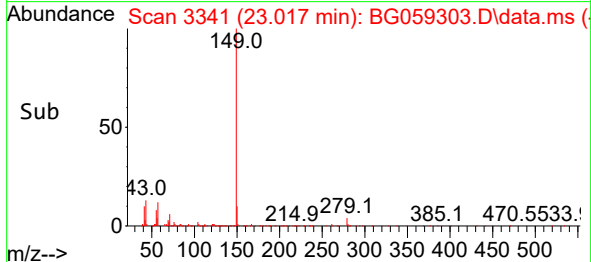
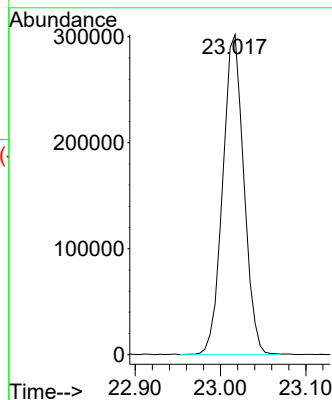
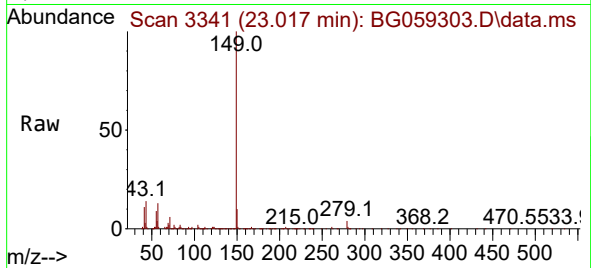




#89
Di-n-octyl phthalate
Concen: 30.750 ng/ul
RT: 23.017 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

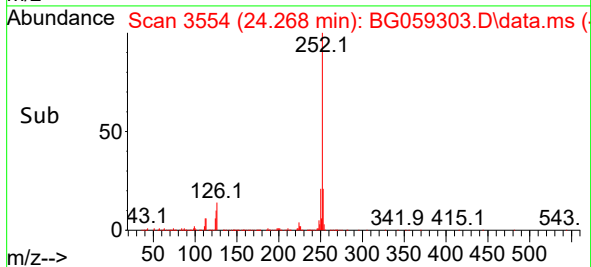
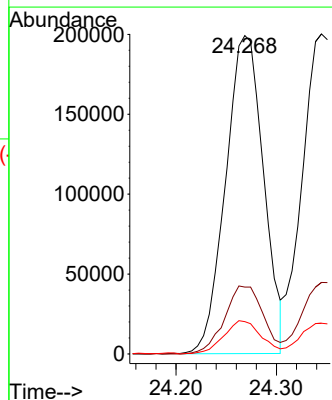
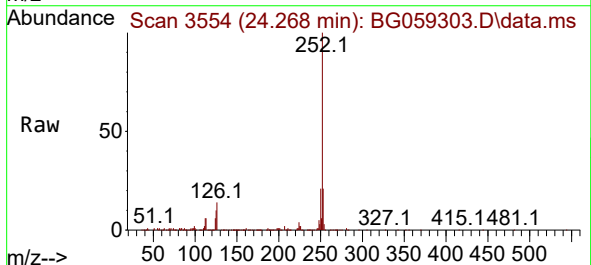
Instrument :
BNA_G
ClientSampleId :
SLCS012

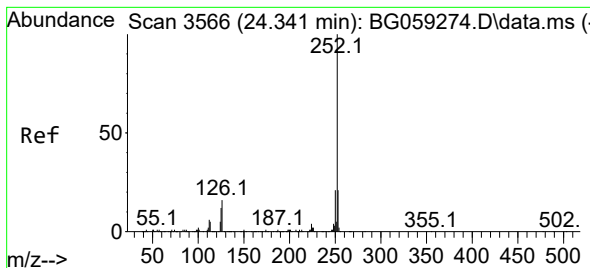
Tgt Ion:149 Resp: 520399



#90
Benzo(b)fluoranthene
Concen: 29.315 ng/ul
RT: 24.268 min Scan# 3554
Delta R.T. -0.014 min
Lab File: BG059303.D
Acq: 5 Oct 2023 19:27

Tgt Ion:252 Resp: 522457
Ion Ratio Lower Upper
252 100
253 21.0 18.0 27.0
125 10.2 8.1 12.1





#91

Benzo(k)fluoranthene

Concen: 29.029 ng/ul

RT: 24.345 min Scan# 3566

Delta R.T. -0.015 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

Instrument :

BNA_G

ClientSampleId :

SLCS012

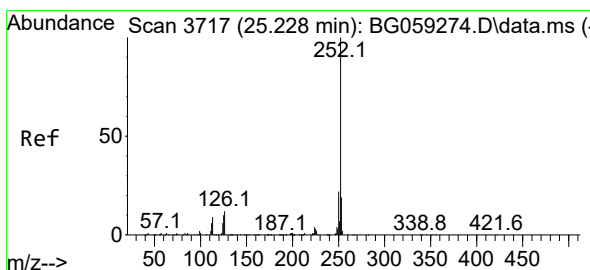
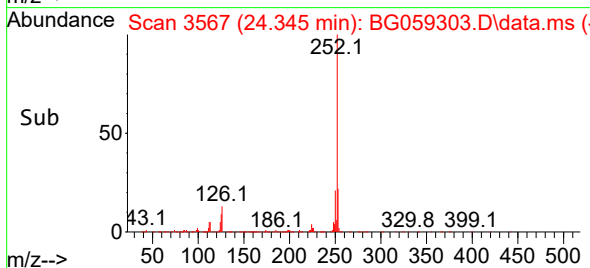
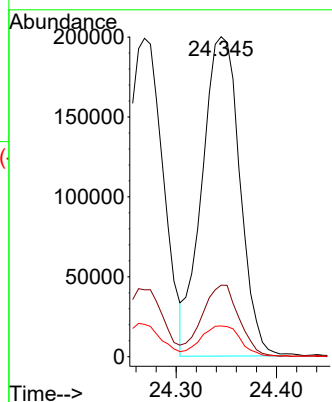
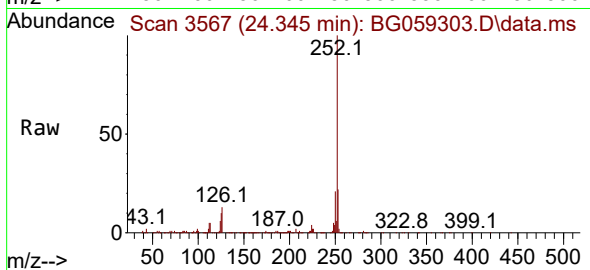
Tgt Ion:252 Resp: 524212

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 9.6 8.1 12.1



#93

Benzo(a)pyrene

Concen: 27.399 ng/ul

RT: 25.232 min Scan# 3718

Delta R.T. -0.009 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

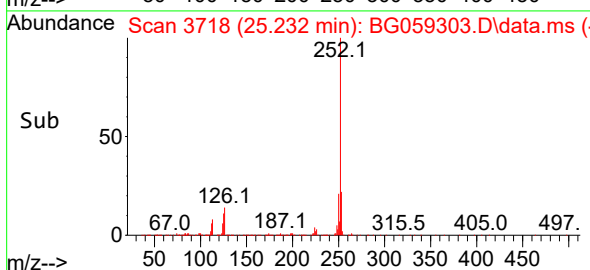
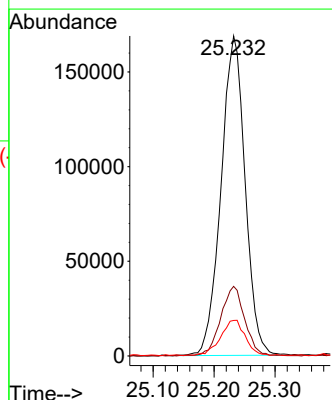
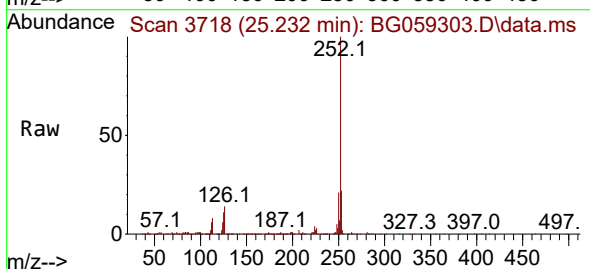
Tgt Ion:252 Resp: 463237

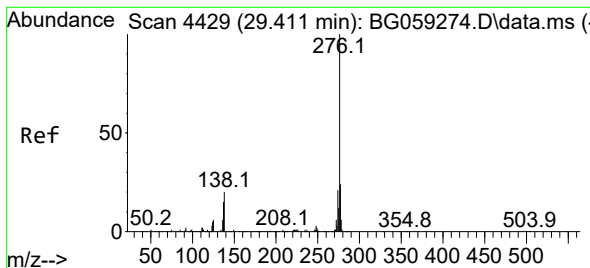
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 11.1 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 13.679 ng/ul

RT: 29.409 min Scan# 4429

Delta R.T. -0.026 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

Instrument :

BNA_G

ClientSampleId :

SLCS012

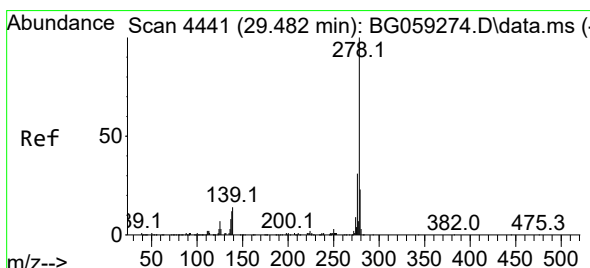
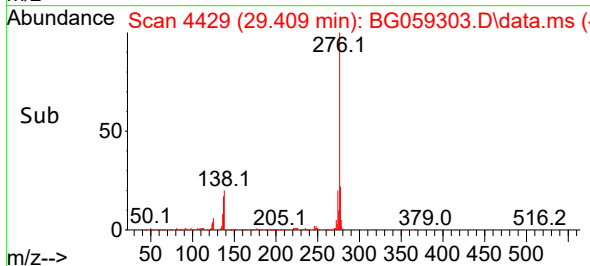
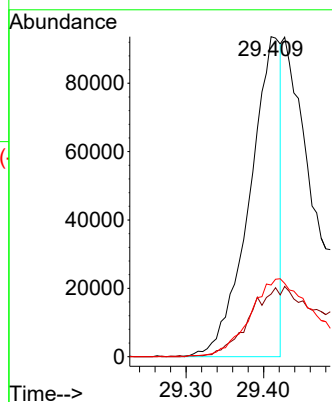
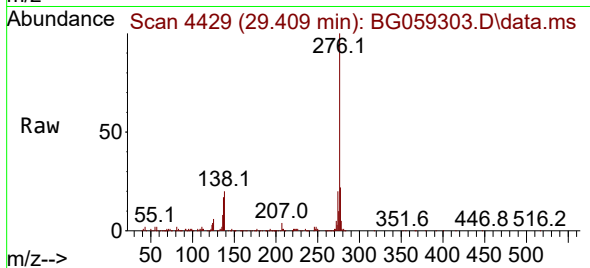
Tgt Ion:276 Resp: 261801

Ion Ratio Lower Upper

276 100

138 19.6 17.0 25.6

277 22.4 18.6 28.0



#95

Dibenzo(a,h)anthracene

Concen: 29.412 ng/ul

RT: 29.503 min Scan# 4445

Delta R.T. -0.009 min

Lab File: BG059303.D

Acq: 5 Oct 2023 19:27

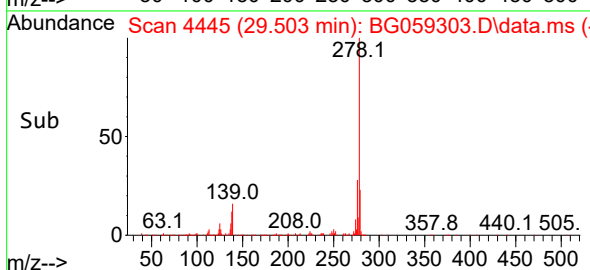
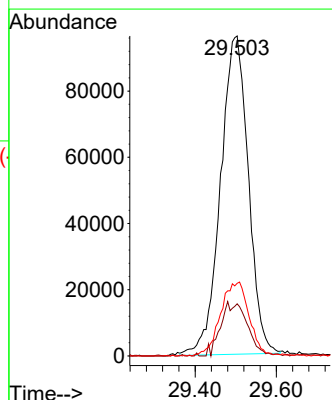
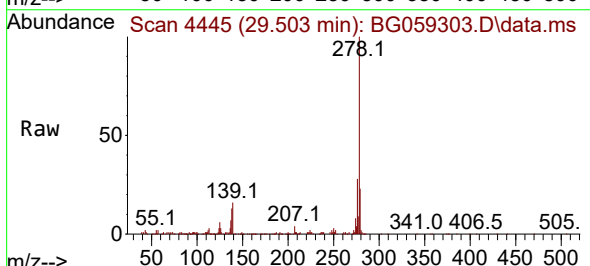
Tgt Ion:278 Resp: 457766

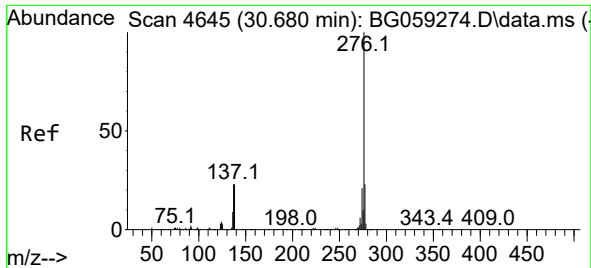
Ion Ratio Lower Upper

278 100

139 16.3 12.1 18.1

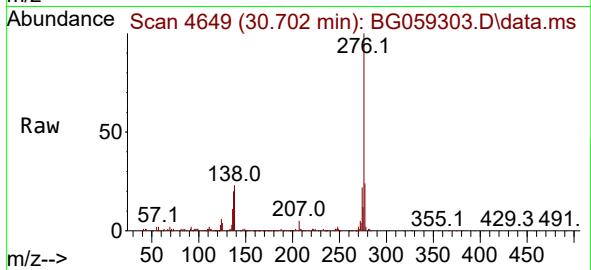
279 22.7 18.6 27.8





#96
 Benzo(g,h,i)perylene
 Concen: 17.222 ng/ul
 RT: 30.702 min Scan# 4
 Delta R.T. -0.009 min
 Lab File: BG059303.D
 Acq: 5 Oct 2023 19:27

Instrument :
 BNA_G
 ClientSampleId :
 SLCS012



Tgt Ion:276 Resp: 268001
 Ion Ratio Lower Upper
 276 100
 138 22.7 16.6 25.0
 277 24.2 20.0 30.0

