

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
 Data File : BG059946.D
 Acq On : 5 Dec 2023 12:38
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 05 13:12:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	67546	20.000	ng	# 0.00
21) Naphthalene-d8	10.768	136	302281	20.000	ng	0.00
39) Acenaphthene-d10	14.599	164	304333	20.000	ng	0.00
64) Phenanthrene-d10	17.349	188	1085489	20.000	ng	# 0.00
76) Chrysene-d12	21.620	240	1477930	20.000	ng	# 0.00
86) Perylene-d12	24.817	264	1732255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	290736	86.483	ng	0.00
7) Phenol-d6	7.114	99	446656	84.297	ng	0.00
23) Nitrobenzene-d5	9.123	82	556124	65.766	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	761149	77.735	ng	0.00
45) 2-Fluorobiphenyl	13.224	172	2105259	75.449	ng	0.00
79) Terphenyl-d14	19.969	244	5554686	64.791	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.430	88	64756	56.973	ng	98
3) Pyridine	3.829	79	170186	50.172	ng	# 91
4) n-Nitrosodimethylamine	3.741	42	74942	42.026	ng	# 97
6) Aniline	7.284	93	282461	48.301	ng	99
8) 2-Chlorophenol	7.519	128	140682	42.901	ng	97
9) Benzaldehyde	7.096	77	146098	37.116	ng	96
10) Phenol	7.137	94	219793	41.471	ng	94
11) bis(2-Chloroethyl)ether	7.378	93	149437	40.517	ng	89
12) 1,3-Dichlorobenzene	7.848	146	183371	38.854	ng	94
13) 1,4-Dichlorobenzene	7.995	146	193030	39.511	ng	87
14) 1,2-Dichlorobenzene	8.312	146	186918	39.026	ng	94
15) Benzyl Alcohol	8.195	79	235524	44.981	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.489	45	84321	43.532	ng	93
17) 2-Methylphenol	8.395	107	160001	44.801	ng	88
18) Hexachloroethane	9.047	117	69248	36.531	ng	94
19) n-Nitroso-di-n-propyla...	8.765	70	167913	42.286	ng	98
20) 3+4-Methylphenols	8.724	107	218781	43.171	ng	97
22) Acetophenone	8.782	105	326844	33.836	ng	# 95
24) Nitrobenzene	9.164	77	278036	32.859	ng	96
25) Isophorone	9.687	82	545330	37.509	ng	# 94
26) 2-Nitrophenol	9.875	139	102523	38.101	ng	# 91
27) 2,4-Dimethylphenol	9.928	122	181952	49.262	ng	97
28) bis(2-Chloroethoxy)met...	10.169	93	253856	37.165	ng	# 88
29) 2,4-Dichlorophenol	10.404	162	274596	37.339	ng	92
30) 1,2,4-Trichlorobenzene	10.627	180	382984	35.712	ng	98
31) Naphthalene	10.815	128	600921	38.674	ng	# 93
32) Benzoic acid	10.051	122	135596	38.499	ng	# 81
33) 4-Chloroaniline	10.915	127	253062	41.761	ng	# 91
34) Hexachlorobutadiene	11.103	225	416064	34.604	ng	99
35) Caprolactam	11.697	113	59210	38.281	ng	95
36) 4-Chloro-3-methylphenol	12.037	107	239964	39.623	ng	86
37) 2-Methylnaphthalene	12.425	142	513737	38.953	ng	98
38) 1-Methylnaphthalene	12.425	142	513737	39.887	ng	96
40) 1,2,4,5-Tetrachloroben...	12.789	216	805762	37.088	ng	100
41) Hexachlorocyclopentadiene	12.772	237	473203	42.985	ng	95
43) 2,4,6-Trichlorophenol	13.024	196	411600	36.998	ng	95

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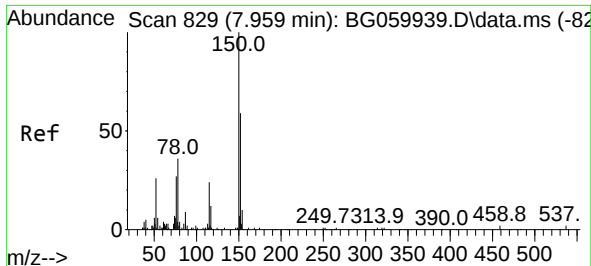
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	485369	39.676	ng	92
46) 1,1'-Biphenyl	13.436	154	885614	39.819	ng	99
47) 2-Chloronaphthalene	13.477	162	730346	36.703	ng	95
48) 2-Nitroaniline	13.677	65	149066	39.521	ng	96
49) Acenaphthylene	14.323	152	1061414	39.855	ng	99
50) Dimethylphthalate	14.053	163	1038919	40.102	ng	99
51) 2,6-Dinitrotoluene	14.170	165	201142	35.437	ng	97
52) Acenaphthene	14.664	154	662935	34.489	ng	90
53) 3-Nitroaniline	14.499	138	146641	41.644	ng	97
54) 2,4-Dinitrophenol	14.693	184	239176	48.311	ng #	86
55) Dibenzofuran	14.999	168	1298270	40.043	ng	97
56) 4-Nitrophenol	14.793	139	119306	39.040	ng	95
57) 2,4-Dinitrotoluene	14.952	165	297534	37.690	ng #	93
58) Fluorene	15.645	166	1119209	40.566	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.216	232	572707	39.353	ng	98
60) Diethylphthalate	15.422	149	916098	39.701	ng	98
61) 4-Chlorophenyl-phenyle...	15.645	204	995995	39.795	ng	99
62) 4-Nitroaniline	15.663	138	159152	39.266	ng	94
63) Azobenzene	15.933	77	929702	38.838	ng	97
65) 4,6-Dinitro-2-methylph...	15.715	198	306639	36.949	ng	94
66) n-Nitrosodiphenylamine	15.856	169	1012888	40.736	ng	97
67) 4-Bromophenyl-phenylether	16.538	248	713533	38.368	ng	98
68) Hexachlorobenzene	16.650	284	749277	36.261	ng	95
69) Atrazine	16.802	200	394603	32.164	ng	96
70) Pentachlorophenol	16.990	266	558040	37.268	ng	96
71) Phenanthrene	17.390	178	2017739	39.366	ng	99
72) Anthracene	17.484	178	2113800	40.346	ng	99
73) Carbazole	17.748	167	1564514	39.290	ng	98
74) Di-n-butylphthalate	18.318	149	1383119	40.158	ng	100
75) Fluoranthene	19.405	202	3101233	36.816	ng	99
77) Benzidine	19.581	184	610305	48.996	ng	100
78) Pyrene	19.769	202	3171219	40.319	ng	98
80) Butylbenzylphthalate	20.663	149	452919	40.594	ng	97
81) Benzo(a)anthracene	21.603	228	3903626	39.587	ng	98
82) 3,3'-Dichlorobenzidine	21.520	252	1436264	44.349	ng	97
83) Chrysene	21.667	228	3669119	39.687	ng	97
84) Bis(2-ethylhexyl)phtha...	21.526	149	714963	41.878	ng	100
85) Di-n-octyl phthalate	22.737	149	1249131	42.337	ng	100
87) Indeno(1,2,3-cd)pyrene	28.459	276	5063736	39.587	ng #	99
88) Benzo(b)fluoranthene	23.876	252	4142005	38.685	ng	99
89) Benzo(k)fluoranthene	23.876	252	4142005	39.701	ng	100
90) Benzo(a)pyrene	24.670	252	3975156	41.571	ng	97
91) Dibenzo(a,h)anthracene	28.536	278	4292017	39.519	ng	99
92) Benzo(g,h,i)perylene	29.611	276	4130372	39.323	ng #	99

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

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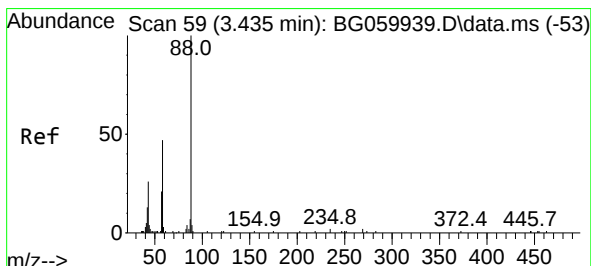
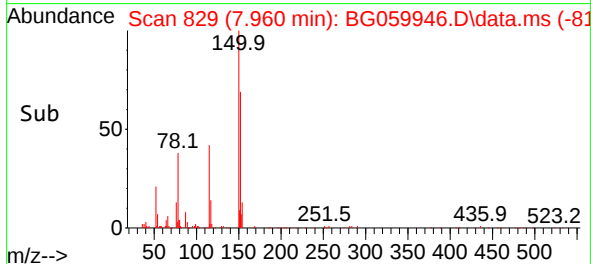
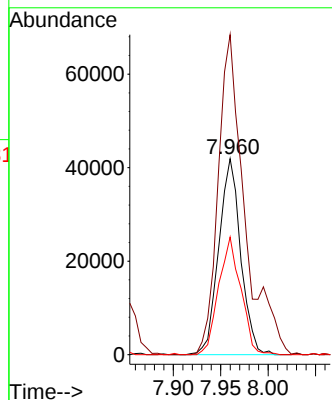
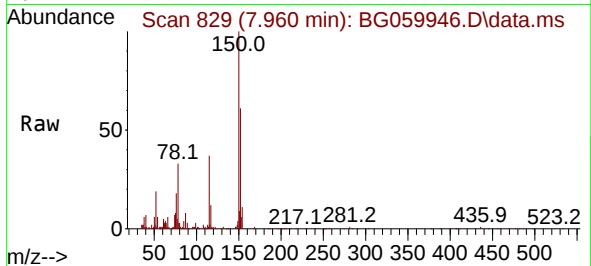




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.960 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

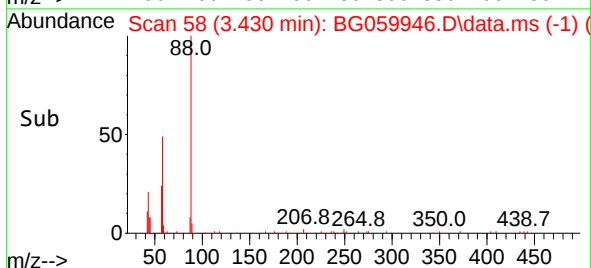
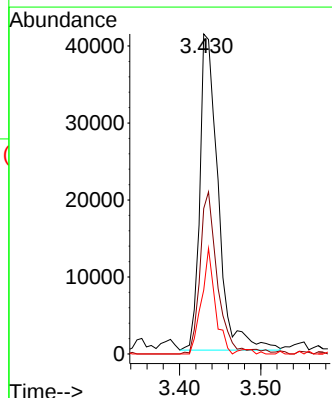
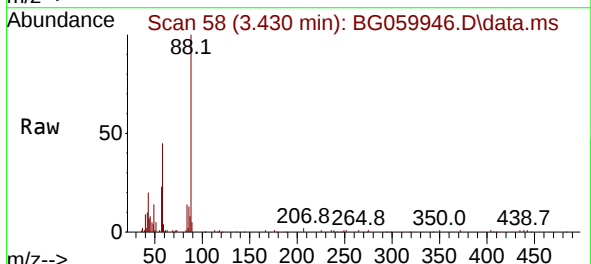
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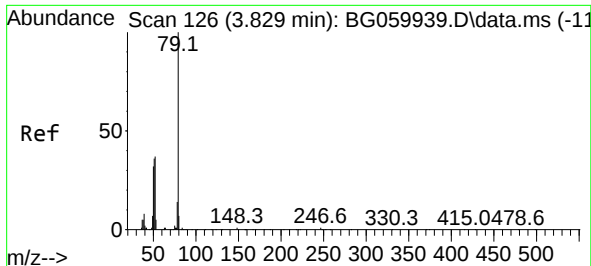
Tgt Ion:152 Resp: 67546
Ion Ratio Lower Upper
152 100
150 163.2 136.9 205.3
115 60.0 32.9 49.3#



#2
1,4-Dioxane
Concen: 56.973 ng
RT: 3.430 min Scan# 58
Delta R.T. -0.005 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion: 88 Resp: 64756
Ion Ratio Lower Upper
88 100
58 48.9 38.2 57.2
43 24.6 21.0 31.4





#3

Pyridine

Concen: 50.172 ng

RT: 3.829 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

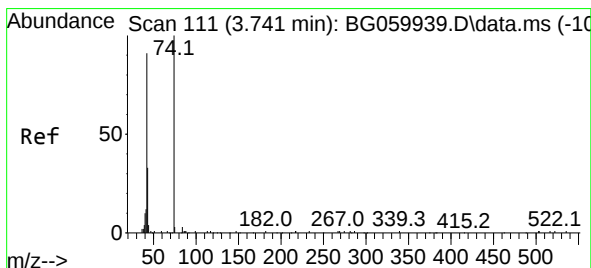
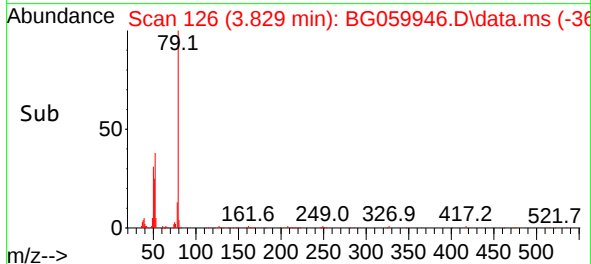
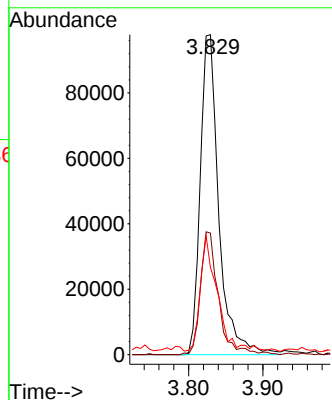
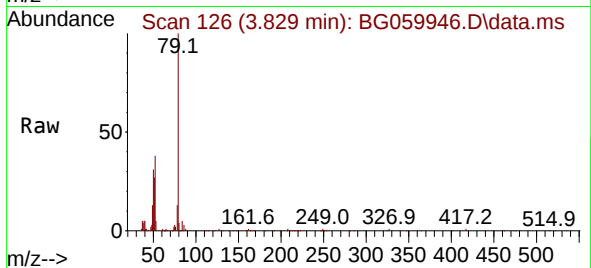
Tgt Ion: 79 Resp: 170186

Ion Ratio Lower Upper

79 100

52 38.0 29.8 44.8

51 27.2 30.3 45.5#



#4

n-Nitrosodimethylamine

Concen: 42.026 ng

RT: 3.741 min Scan# 111

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

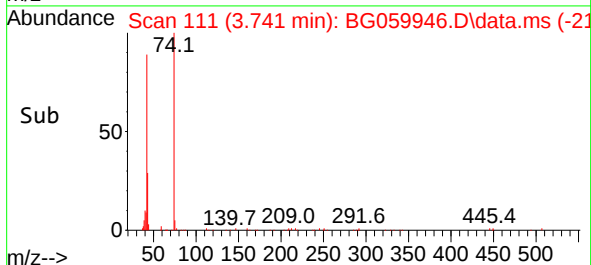
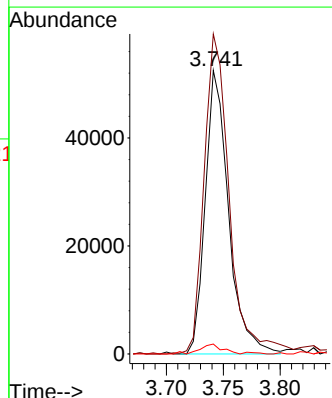
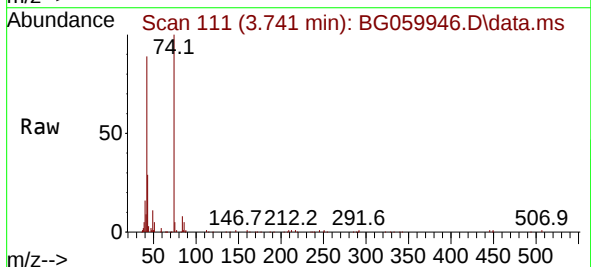
Tgt Ion: 42 Resp: 74942

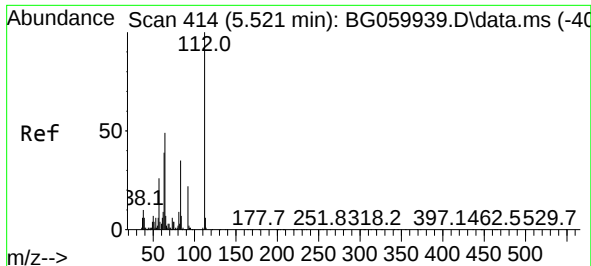
Ion Ratio Lower Upper

42 100

74 112.9 87.4 131.2

44 3.5 3.7 5.5#

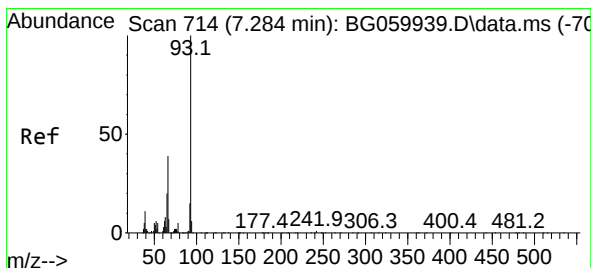
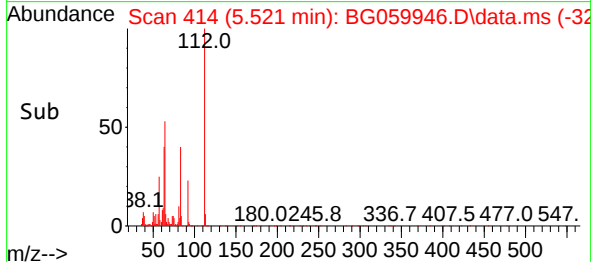
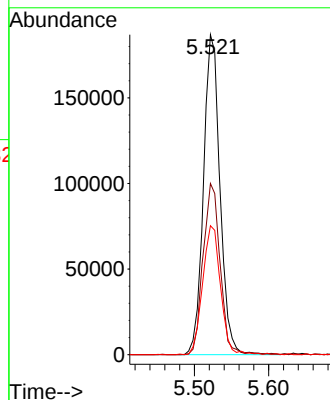
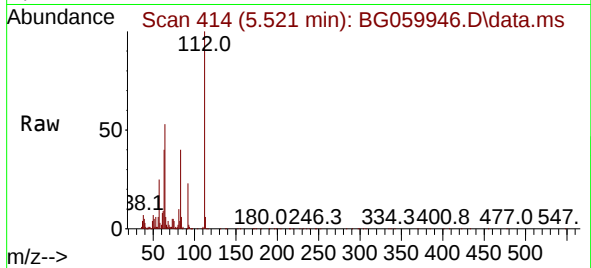




#5
2-Fluorophenol
Concen: 86.483 ng
RT: 5.521 min Scan# 414
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

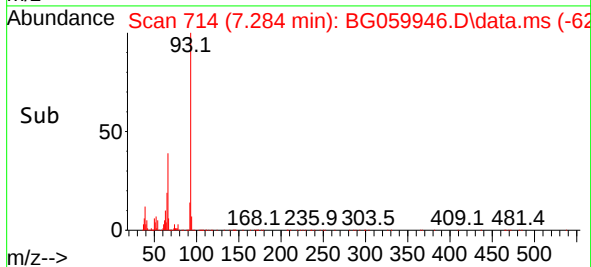
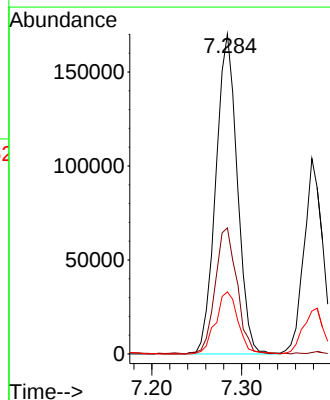
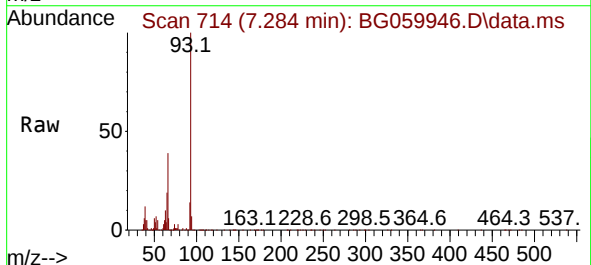
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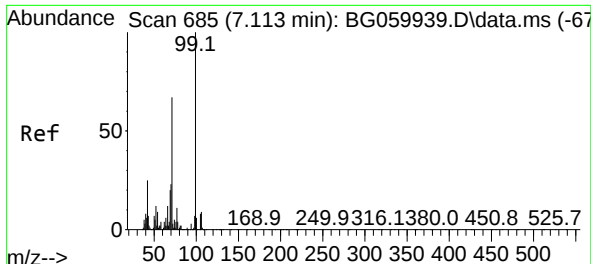
Tgt Ion:112 Resp: 290736
Ion Ratio Lower Upper
112 100
64 53.5 39.4 59.0
63 40.3 31.2 46.8



#6
Aniline
Concen: 48.301 ng
RT: 7.284 min Scan# 714
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion: 93 Resp: 282461
Ion Ratio Lower Upper
93 100
66 39.4 31.4 47.0
65 19.4 16.2 24.2

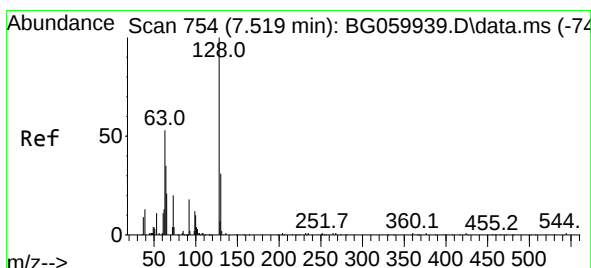
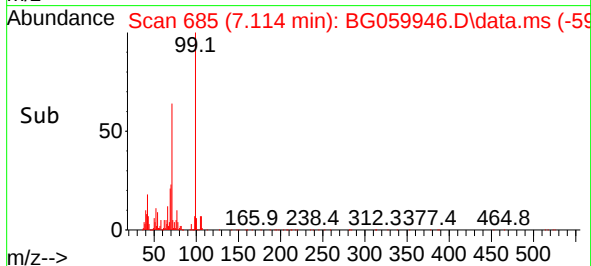
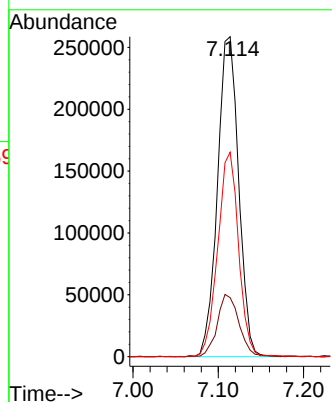
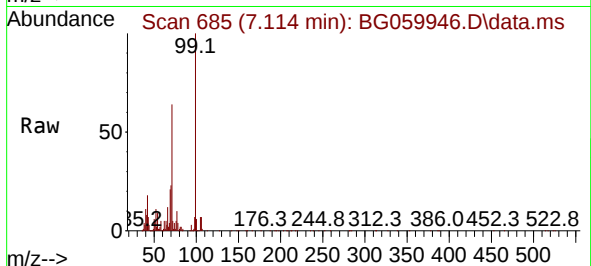




#7
Phenol-d6
Concen: 84.297 ng
RT: 7.114 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

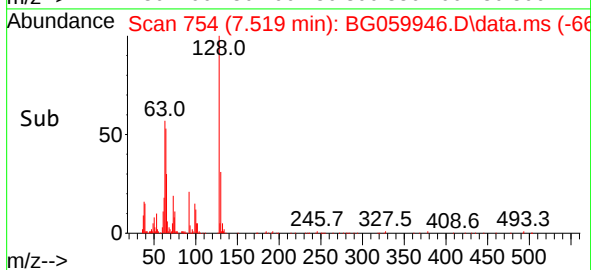
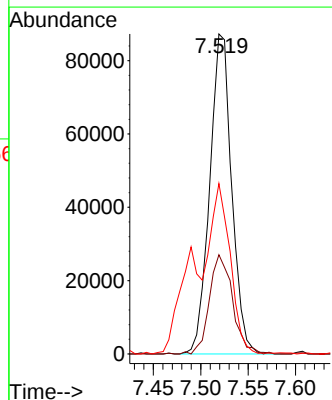
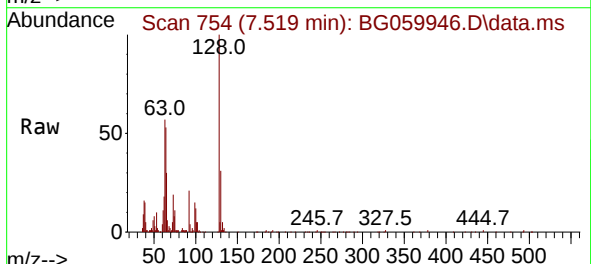
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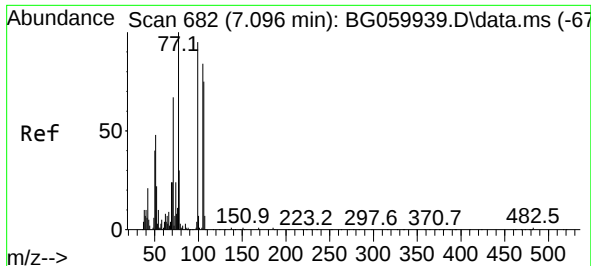
Tgt Ion: 99 Resp: 446656
Ion Ratio Lower Upper
99 100
42 18.5 20.1 30.1#
71 63.9 53.8 80.6



#8
2-Chlorophenol
Concen: 42.901 ng
RT: 7.519 min Scan# 754
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion: 128 Resp: 140682
Ion Ratio Lower Upper
128 100
130 31.0 10.9 50.9
64 53.2 30.3 70.3

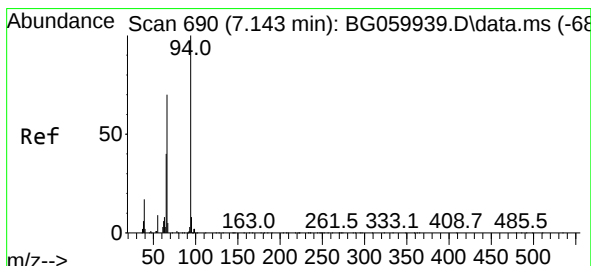
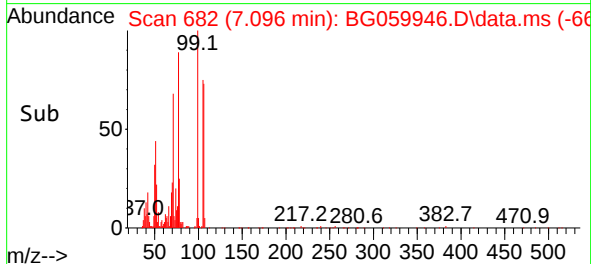
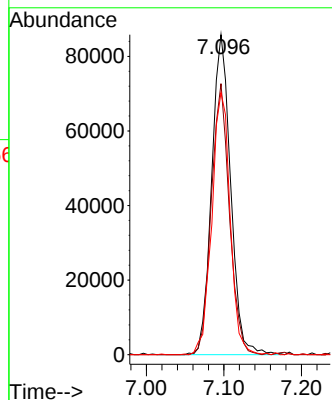
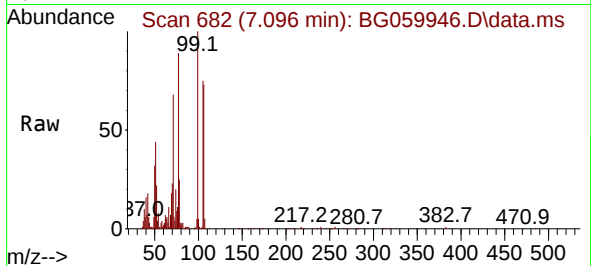




#9
Benzaldehyde
Concen: 37.116 ng
RT: 7.096 min Scan# 682
Delta R.T. 0.000 min
Lab File: BG059946.D
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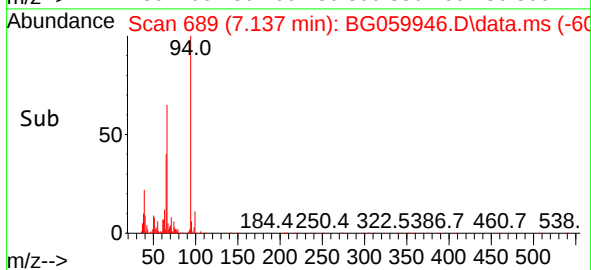
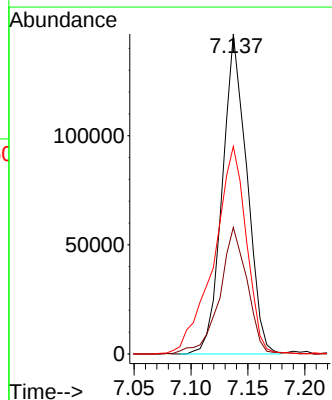
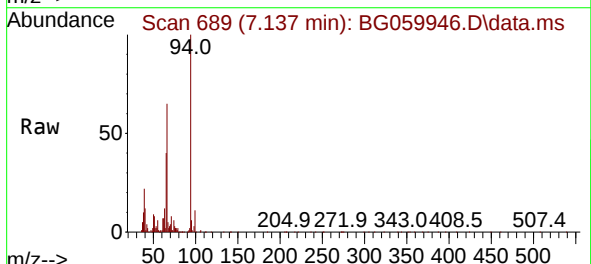
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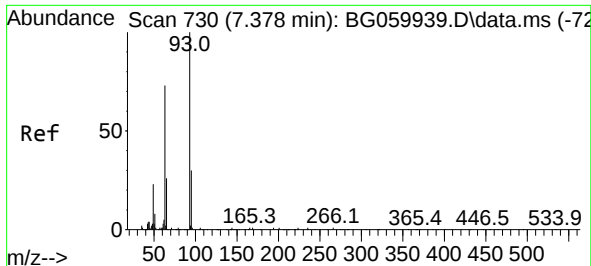
Tgt Ion: 77 Resp: 146098
Ion Ratio Lower Upper
77 100
105 84.7 64.2 104.2
106 81.9 55.6 95.6



#10
Phenol
Concen: 41.471 ng
RT: 7.137 min Scan# 689
Delta R.T. -0.005 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion: 94 Resp: 219793
Ion Ratio Lower Upper
94 100
65 39.6 20.6 60.6
66 64.8 52.1 92.1

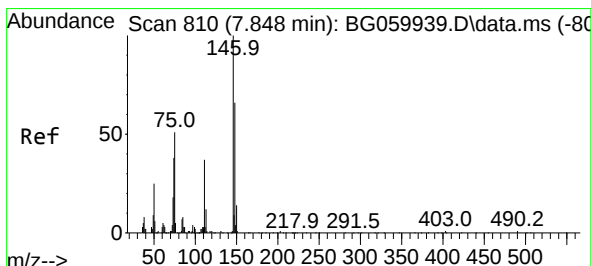
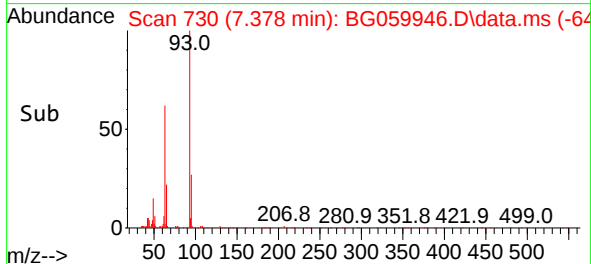
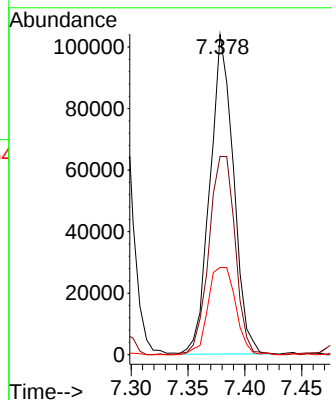
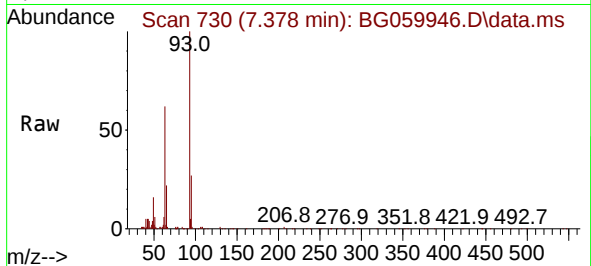




#11
bis(2-Chloroethyl)ether
Concen: 40.517 ng
RT: 7.378 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

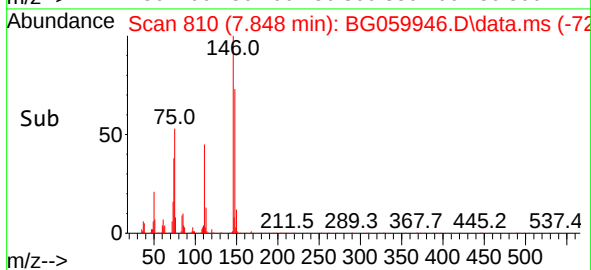
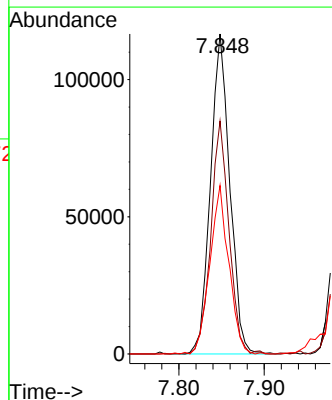
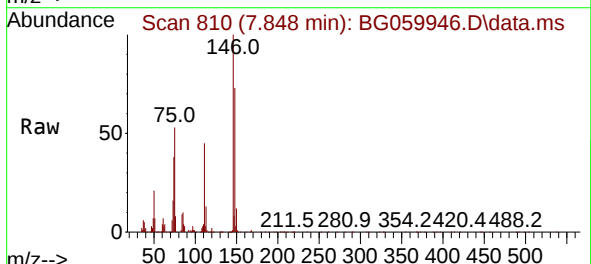
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

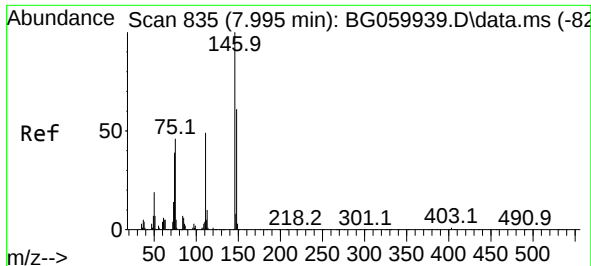
Tgt Ion: 93 Resp: 149437
Ion Ratio Lower Upper
93 100
63 62.0 52.9 92.9
95 27.2 9.9 49.9



#12
1,3-Dichlorobenzene
Concen: 38.854 ng
RT: 7.848 min Scan# 810
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:146 Resp: 183371
Ion Ratio Lower Upper
146 100
148 72.8 52.9 79.3
75 52.7 40.7 61.1

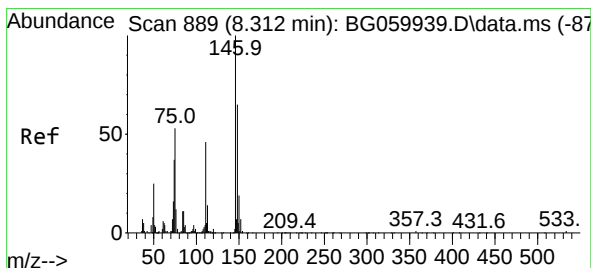
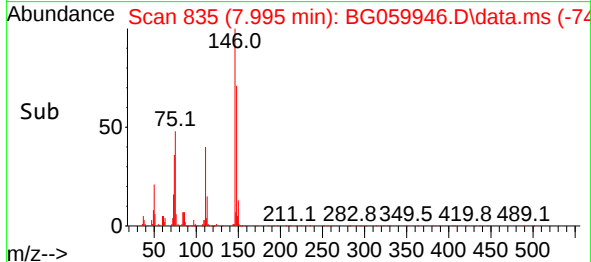
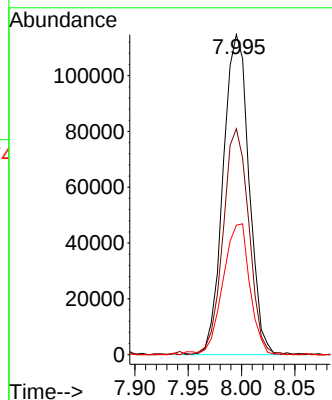
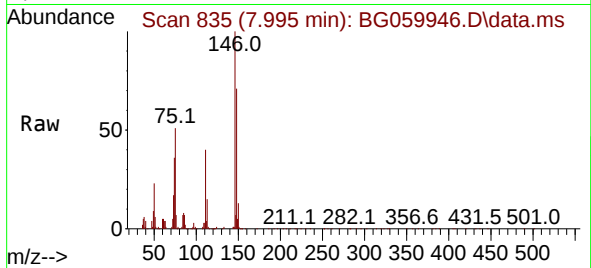




#13
1,4-Dichlorobenzene
Concen: 39.511 ng
RT: 7.995 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

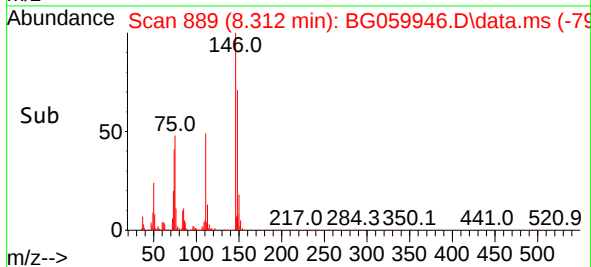
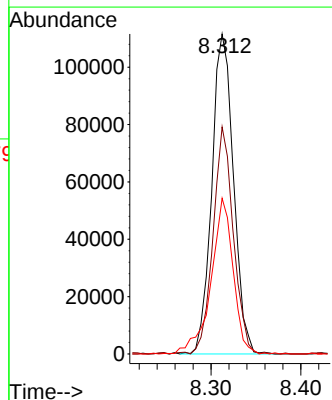
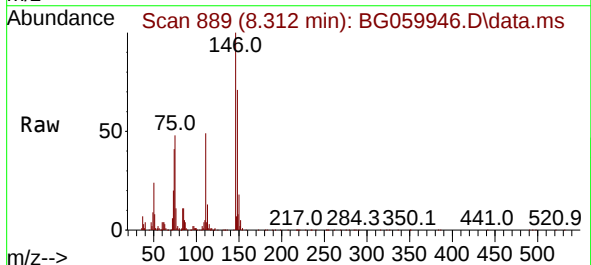
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

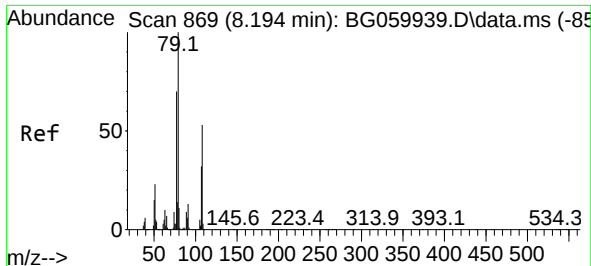
Tgt Ion:146 Resp: 193030
Ion Ratio Lower Upper
146 100
148 70.6 48.8 73.2
111 40.4 39.1 58.7



#14
1,2-Dichlorobenzene
Concen: 39.026 ng
RT: 8.312 min Scan# 889
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:146 Resp: 186918
Ion Ratio Lower Upper
146 100
148 70.9 52.4 78.6
111 48.6 36.7 55.1

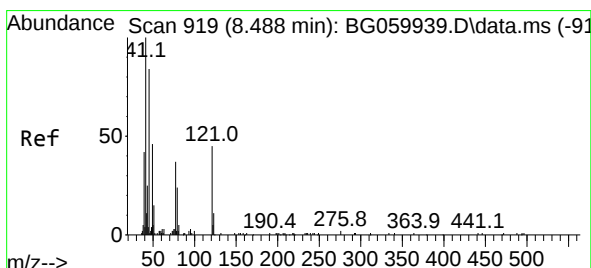
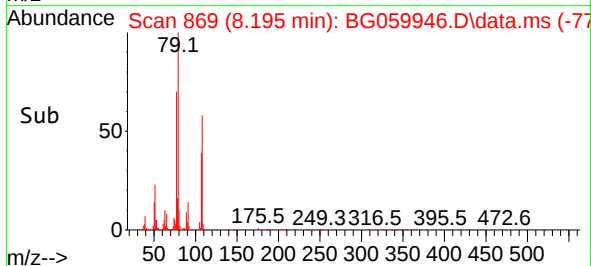
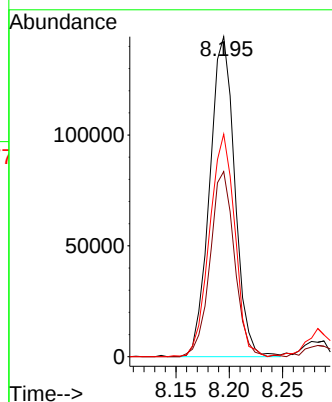
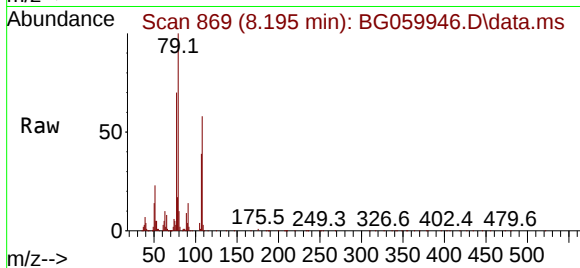




#15
Benzyl Alcohol
Concen: 44.981 ng
RT: 8.195 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

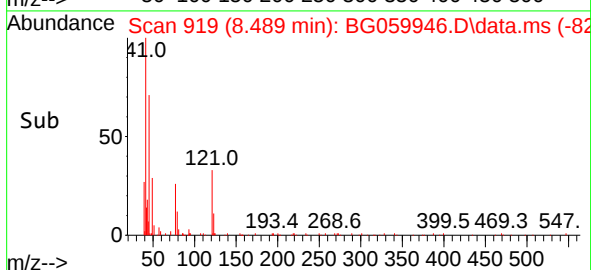
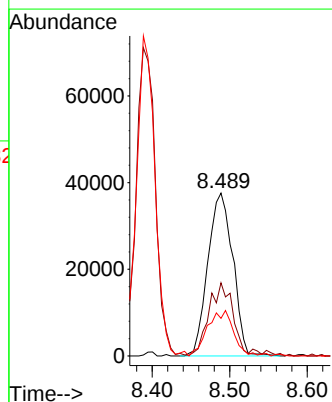
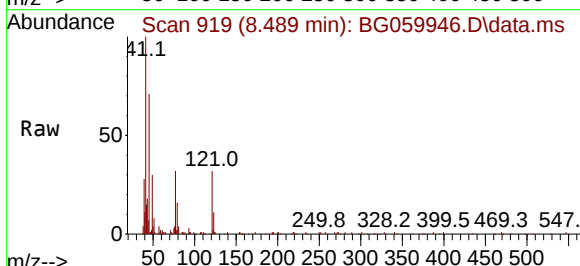
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

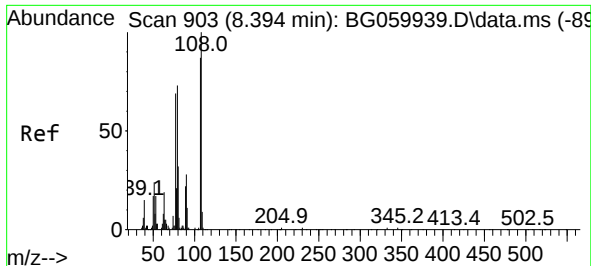
Tgt Ion: 79 Resp: 235524
Ion Ratio Lower Upper
79 100
108 57.9 42.7 64.1
77 69.6 56.3 84.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.532 ng
RT: 8.489 min Scan# 919
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion: 45 Resp: 84321
Ion Ratio Lower Upper
45 100
77 44.9 26.2 66.2
79 23.1 11.2 51.2

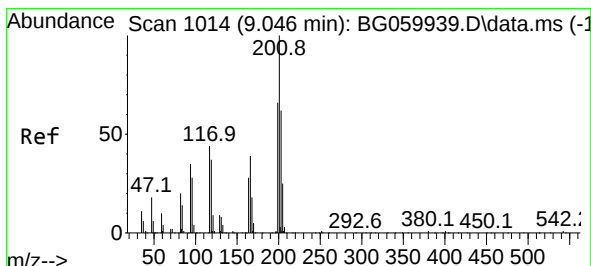
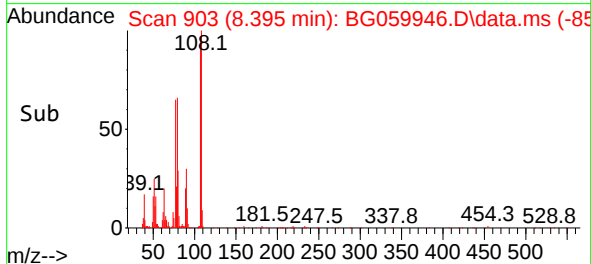
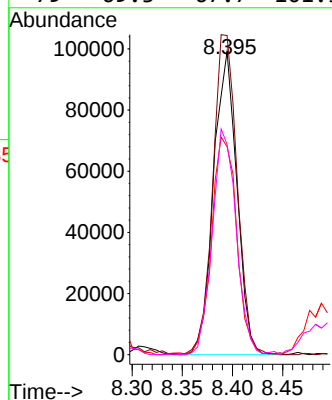
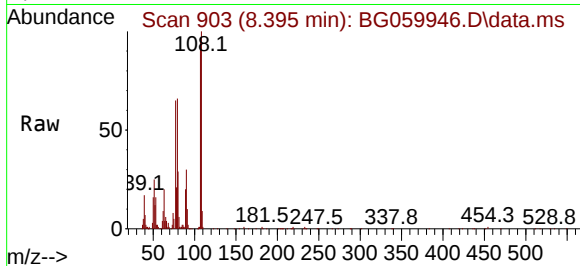




#17
2-Methylphenol
Concen: 44.801 ng
RT: 8.395 min Scan# 903
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

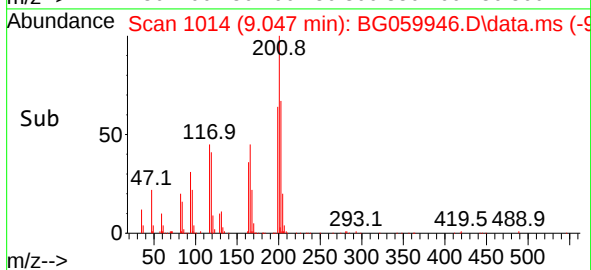
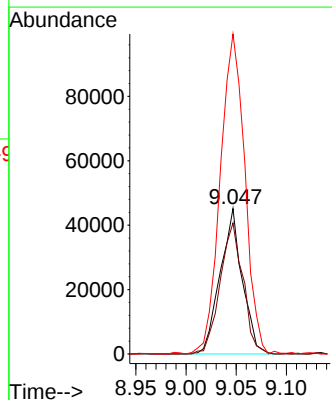
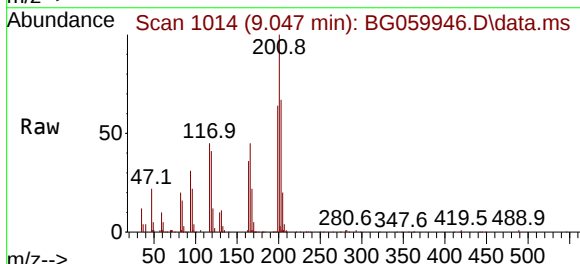
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

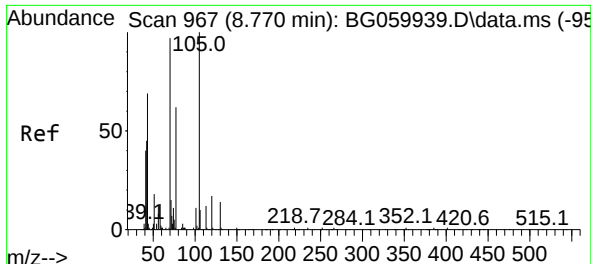
Tgt Ion:	107	Resp:	160001
Ion	Ratio	Lower	Upper
107	100		
108	105.2	92.2	138.4
77	68.6	63.7	95.5
79	69.3	67.7	101.5



#18
Hexachloroethane
Concen: 36.531 ng
RT: 9.047 min Scan# 1014
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:	117	Resp:	69248
Ion	Ratio	Lower	Upper
117	100		
119	91.0	67.5	101.3
201	219.9	183.0	274.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.286 ng

RT: 8.765 min Scan# 966

Delta R.T. -0.005 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 167913

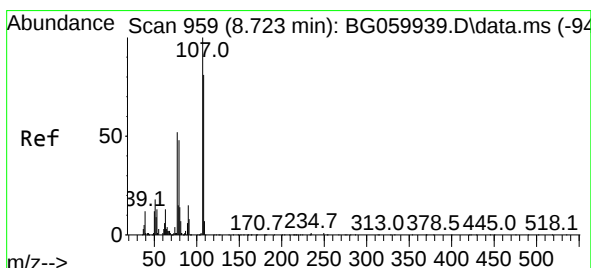
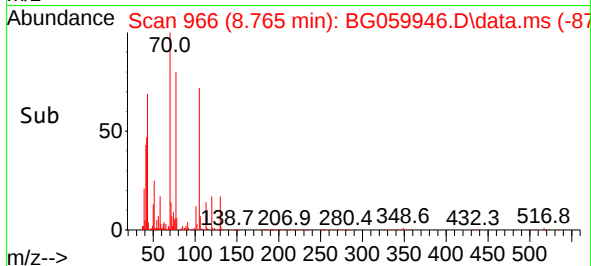
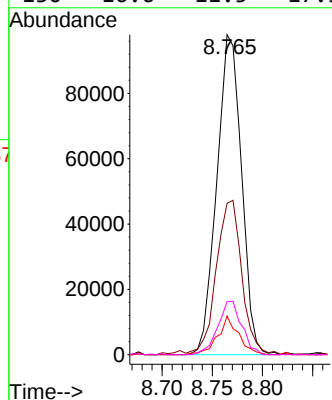
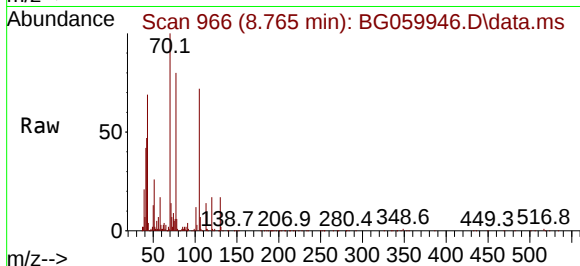
Ion Ratio Lower Upper

70 100

42 47.3 38.1 57.1

101 12.0 8.6 13.0

130 16.6 11.5 17.3



#20

3+4-Methylphenols

Concen: 43.171 ng

RT: 8.724 min Scan# 959

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Tgt Ion: 107 Resp: 218781

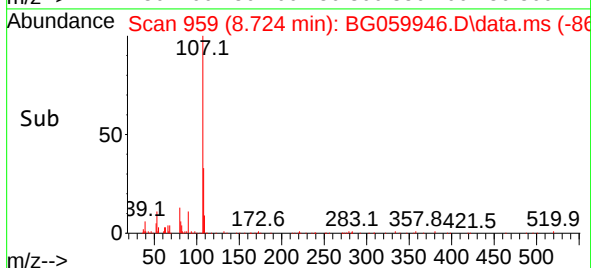
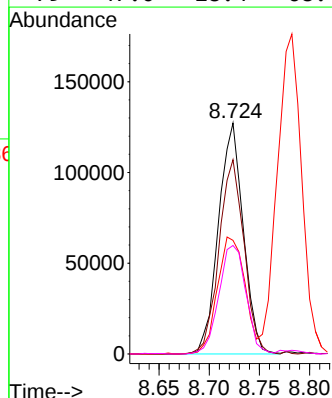
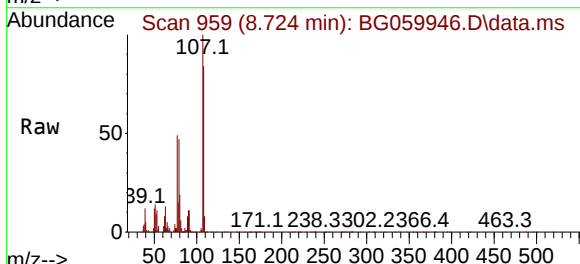
Ion Ratio Lower Upper

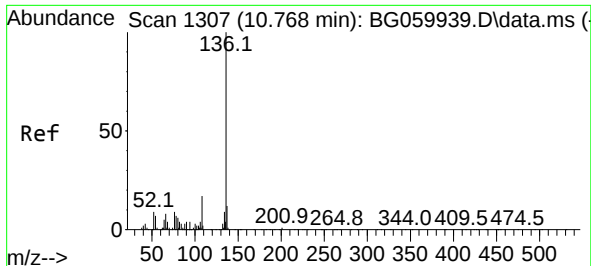
107 100

108 84.1 60.7 100.7

77 49.2 32.2 72.2

79 47.0 28.4 68.4

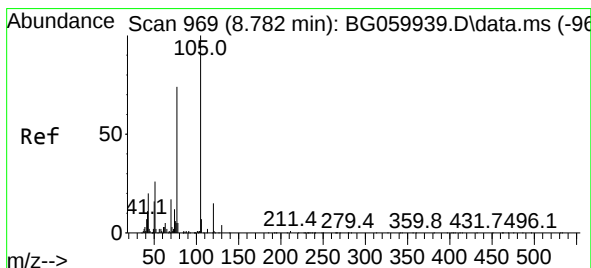
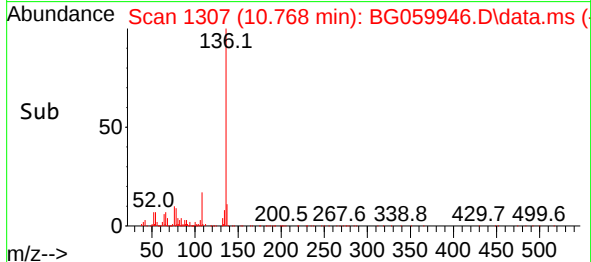
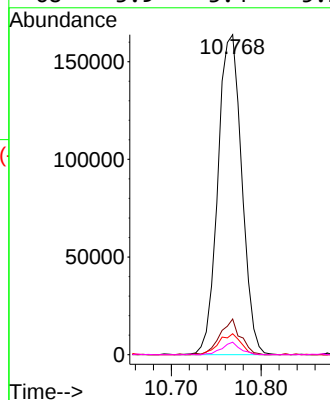
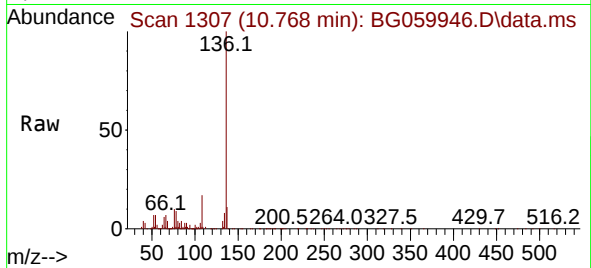




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.768 min Scan# 1307
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

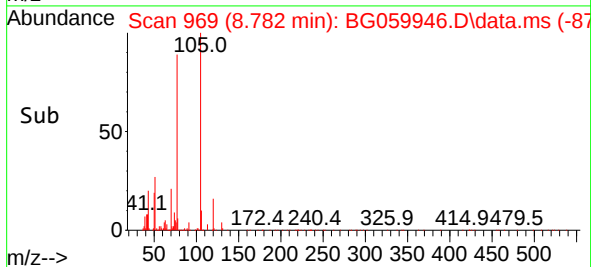
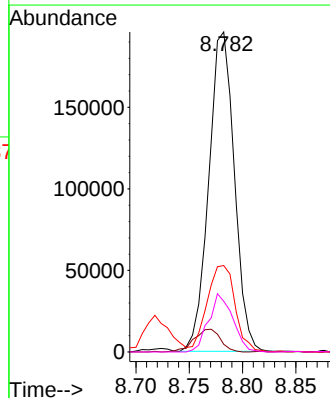
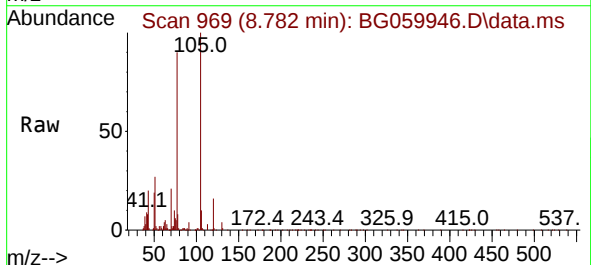
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

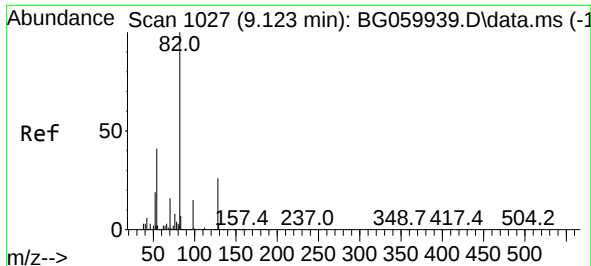
Tgt Ion:	136	Resp:	302281
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	6.6	5.8	8.6
68	3.9	3.4	5.2



#22
Acetophenone
Concen: 33.836 ng
RT: 8.782 min Scan# 969
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:	105	Resp:	326844
Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.0	4.4#
51	27.0	24.4	36.6
120	15.8	12.2	18.2

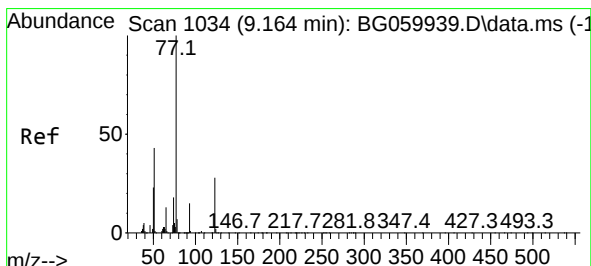
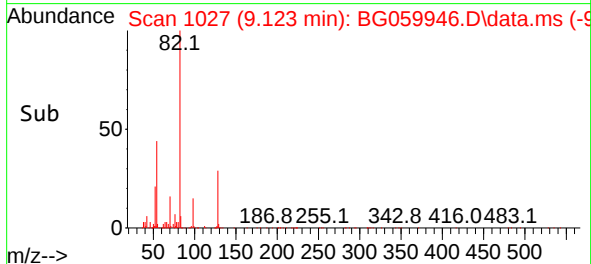
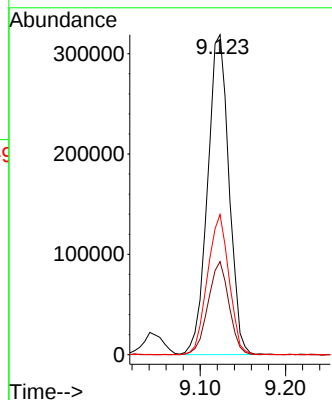
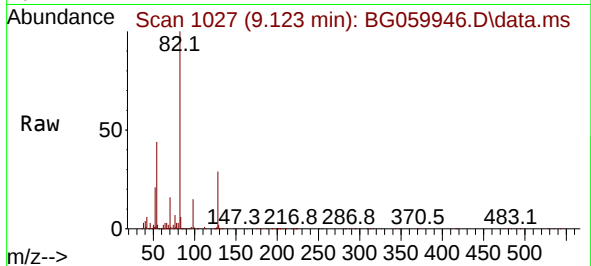




#23
Nitrobenzene-d5
Concen: 65.766 ng
RT: 9.123 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

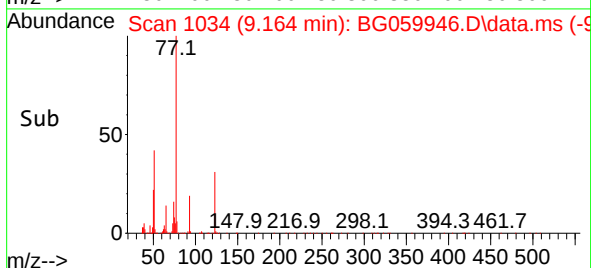
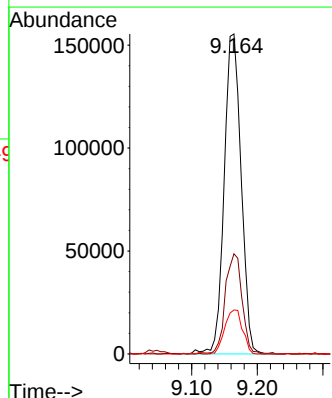
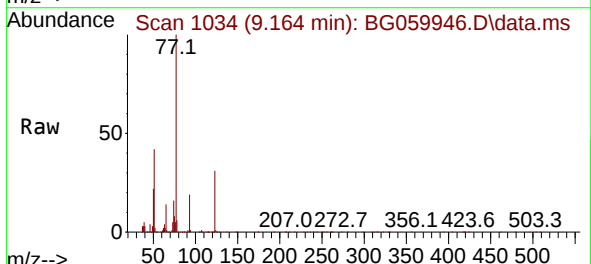
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

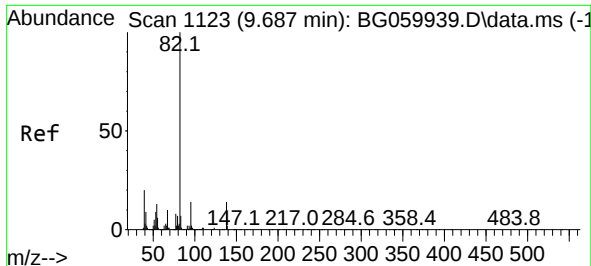
Tgt Ion: 82 Resp: 556124
Ion Ratio Lower Upper
82 100
128 29.1 21.0 31.6
54 43.8 32.6 48.8



#24
Nitrobenzene
Concen: 32.859 ng
RT: 9.164 min Scan# 1034
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion: 77 Resp: 278036
Ion Ratio Lower Upper
77 100
123 31.3 22.7 34.1
65 13.7 10.6 16.0

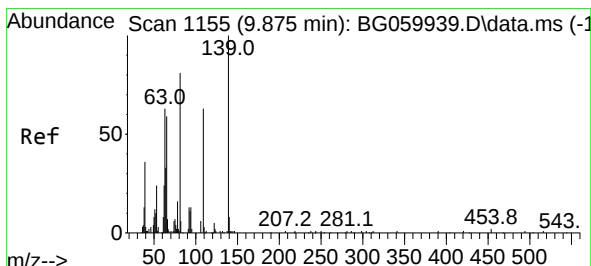
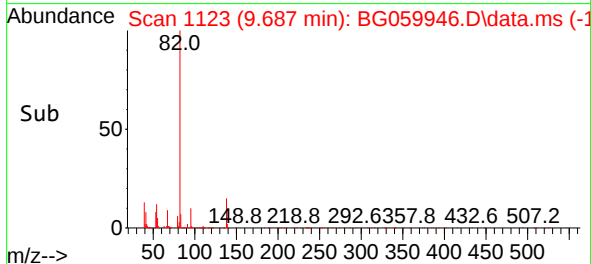
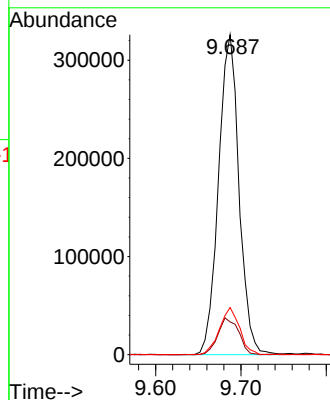
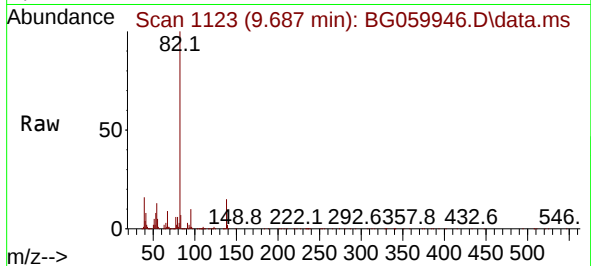




#25
Isophorone
Concen: 37.509 ng
RT: 9.687 min Scan# 1123
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

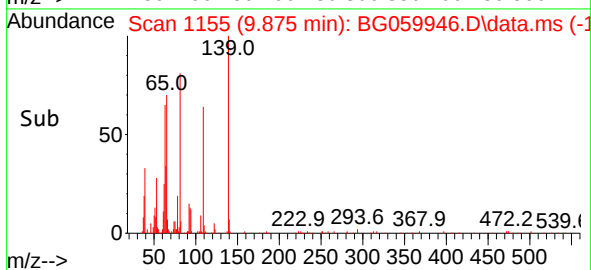
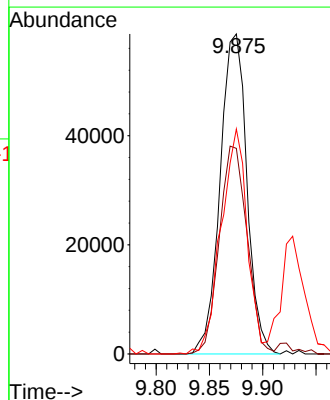
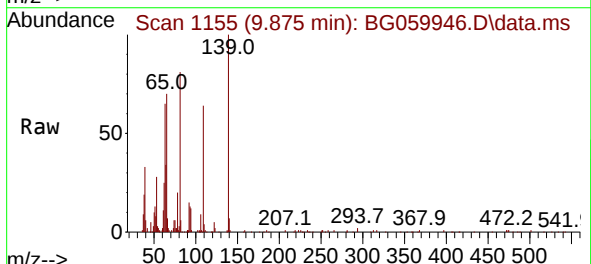
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

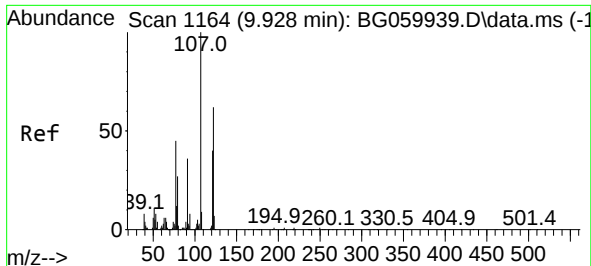
Tgt Ion: 82 Resp: 545330
Ion Ratio Lower Upper
82 100
95 10.2 11.2 16.8#
138 14.7 11.0 16.4



#26
2-Nitrophenol
Concen: 38.101 ng
RT: 9.875 min Scan# 1155
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion: 139 Resp: 102523
Ion Ratio Lower Upper
139 100
109 64.3 50.2 75.2
65 70.3 46.8 70.2#

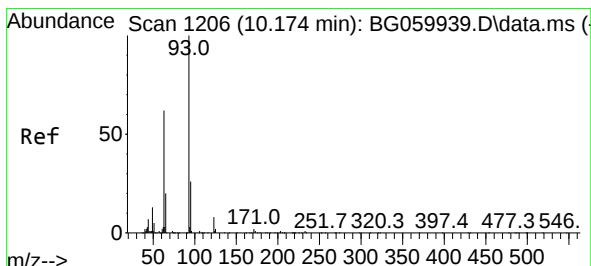
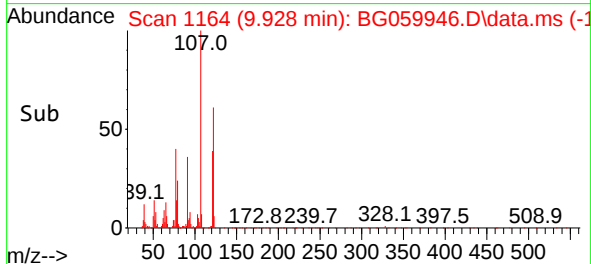
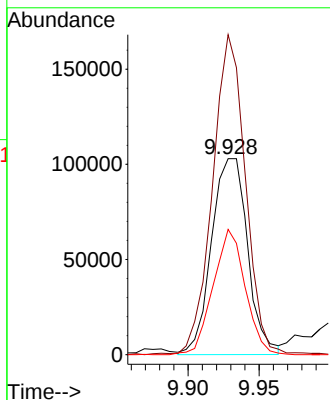
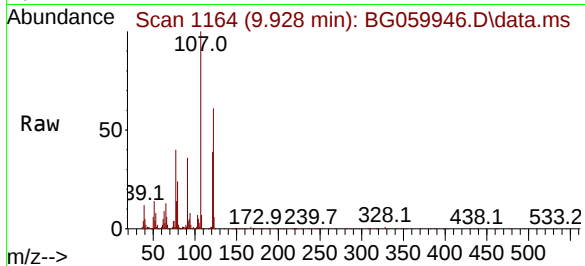




#27
2,4-Dimethylphenol
Concen: 49.262 ng
RT: 9.928 min Scan# 1164
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

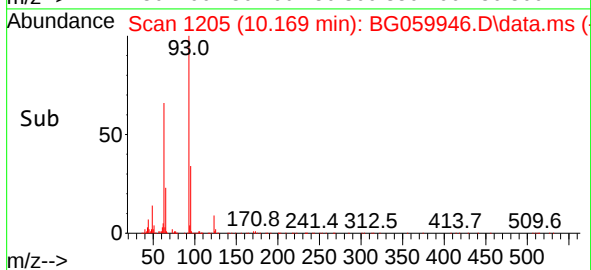
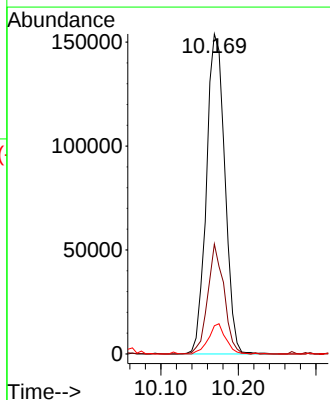
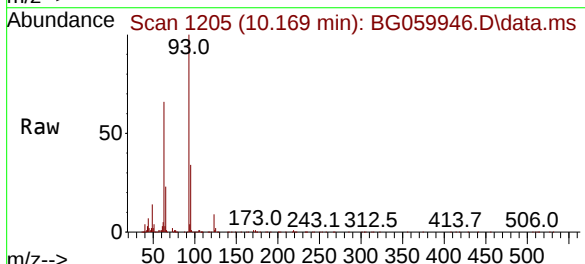
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

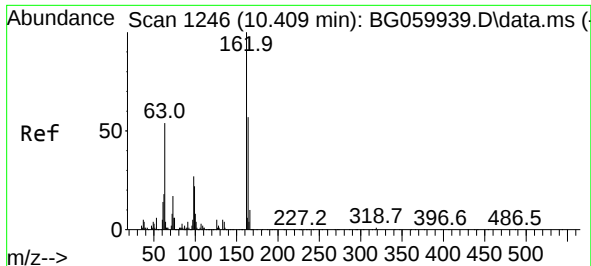
Tgt Ion:122 Resp: 181952
Ion Ratio Lower Upper
122 100
107 163.2 126.1 189.1
121 63.9 50.3 75.5



#28
bis(2-Chloroethoxy)methane
Concen: 37.165 ng
RT: 10.169 min Scan# 1205
Delta R.T. -0.005 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion: 93 Resp: 253856
Ion Ratio Lower Upper
93 100
95 34.4 21.0 31.4#
123 8.8 6.7 10.1

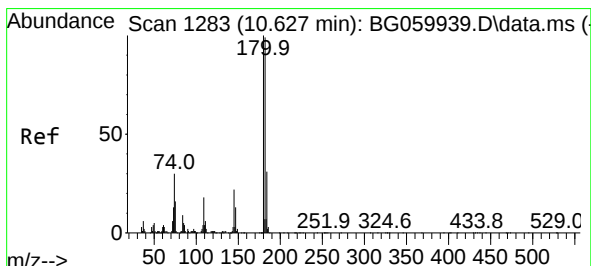
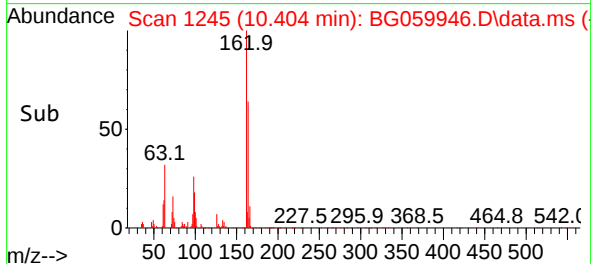
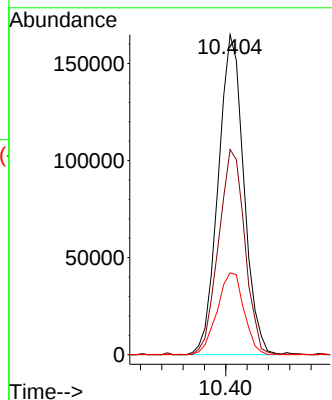
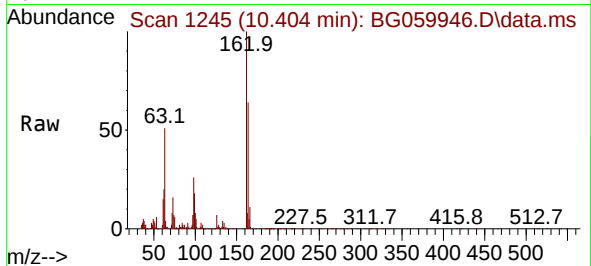




#29
2,4-Dichlorophenol
Concen: 37.339 ng
RT: 10.404 min Scan# 1245
Delta R.T. -0.005 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

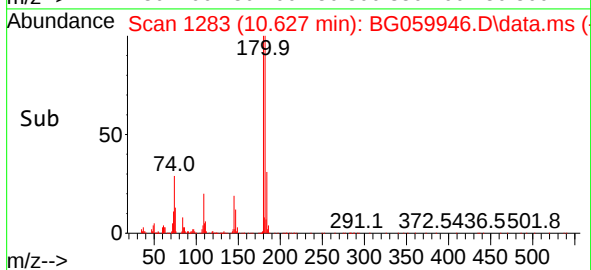
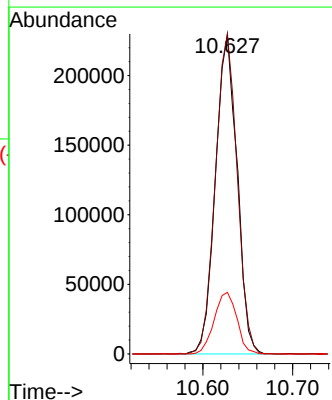
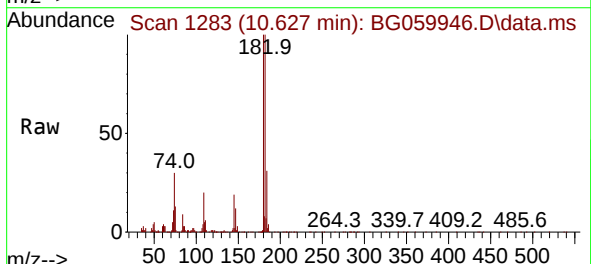
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

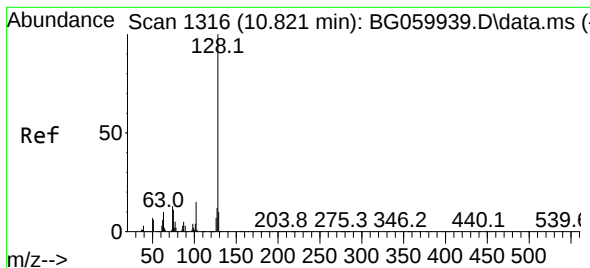
Tgt Ion:162 Resp: 274596
Ion Ratio Lower Upper
162 100
164 64.1 36.7 76.7
98 25.6 7.4 47.4



#30
1,2,4-Trichlorobenzene
Concen: 35.712 ng
RT: 10.627 min Scan# 1283
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:180 Resp: 382984
Ion Ratio Lower Upper
180 100
182 100.2 79.0 118.6
145 19.3 17.4 26.0





#31

Naphthalene

Concen: 38.674 ng

RT: 10.815 min Scan# 1185

Delta R.T. -0.005 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

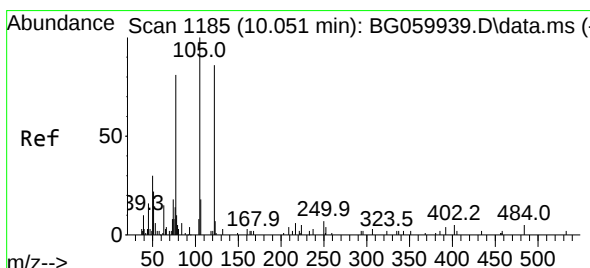
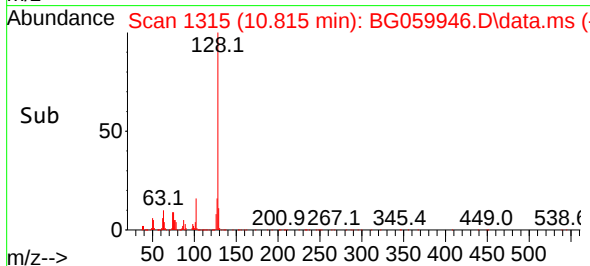
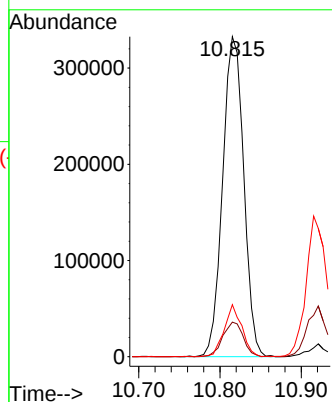
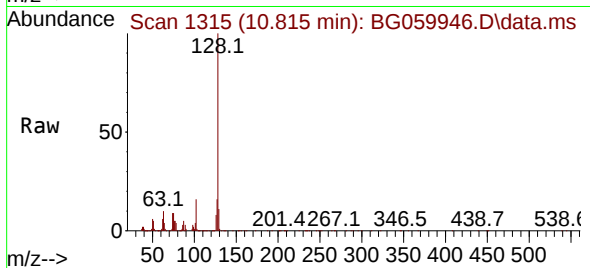
Tgt Ion:128 Resp: 600921

Ion Ratio Lower Upper

128 100

129 10.8 7.6 11.4

127 16.2 9.9 14.9#



#32

Benzoic acid

Concen: 38.499 ng

RT: 10.051 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

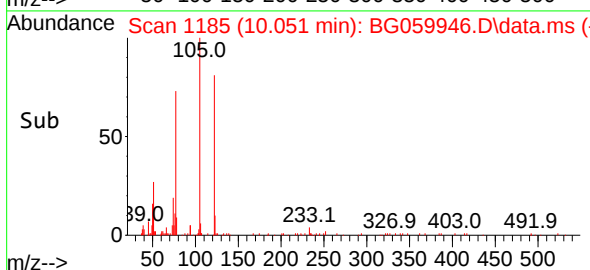
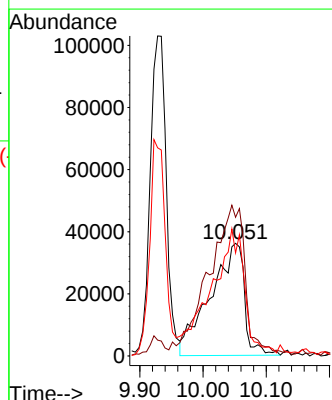
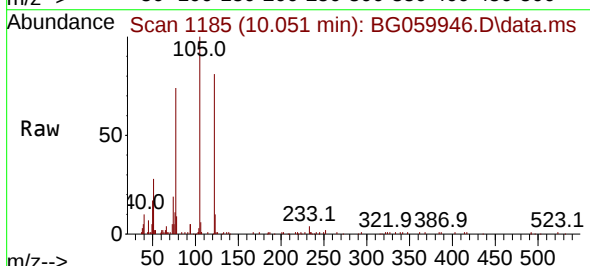
Tgt Ion:122 Resp: 135596

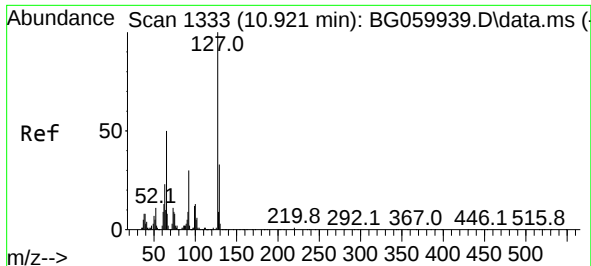
Ion Ratio Lower Upper

122 100

105 123.3 123.9 163.9#

77 91.6 94.6 134.6#

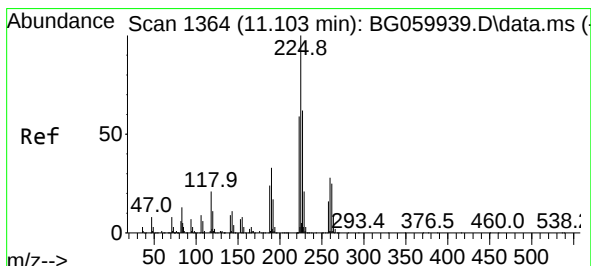
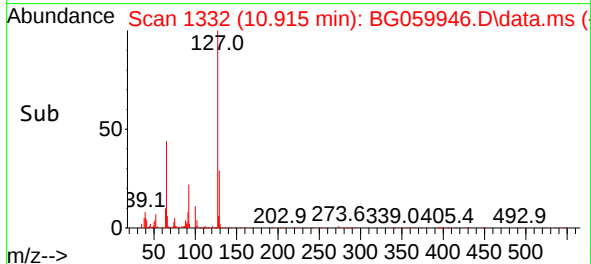
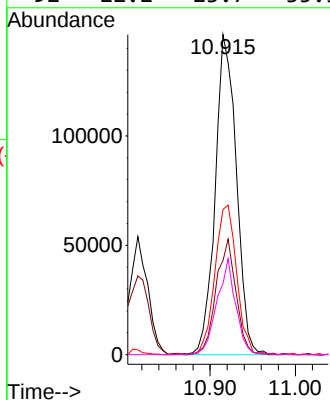
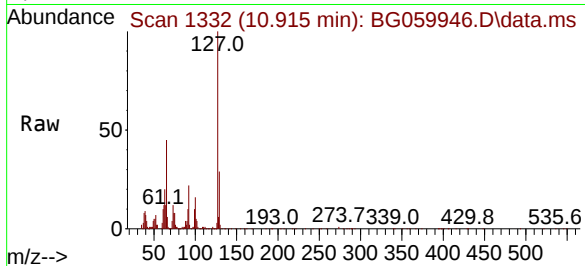




#33
4-Chloroaniline
Concen: 41.761 ng
RT: 10.915 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

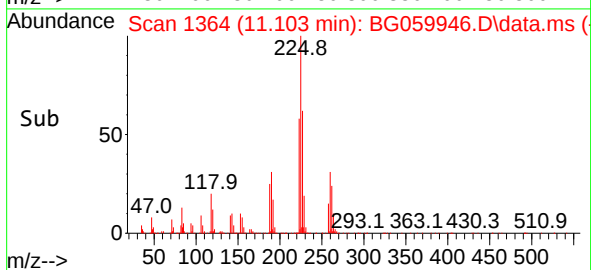
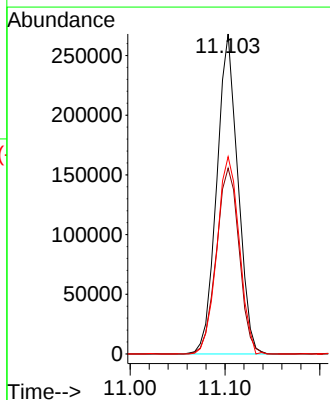
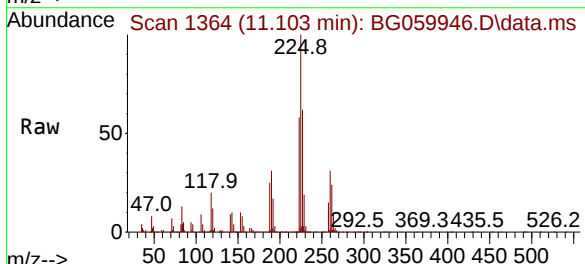
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

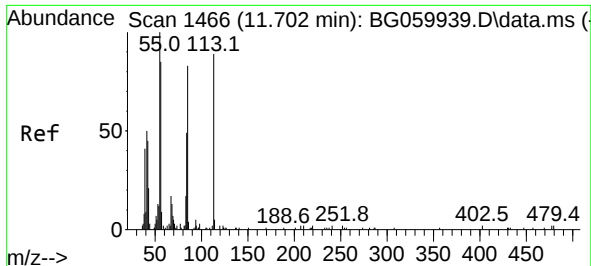
Tgt	Ion:127	Resp:	253062
Ion	Ratio	Lower	Upper
127	100		
129	29.4	26.6	40.0
65	45.4	40.4	60.6
92	22.2	23.7	35.5#



#34
Hexachlorobutadiene
Concen: 34.604 ng
RT: 11.103 min Scan# 1364
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt	Ion:225	Resp:	416064
Ion	Ratio	Lower	Upper
225	100		
223	58.1	47.0	70.6
227	61.6	50.2	75.4

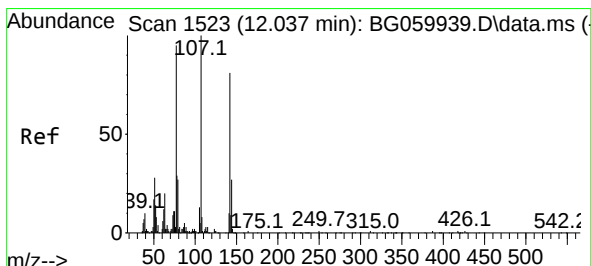
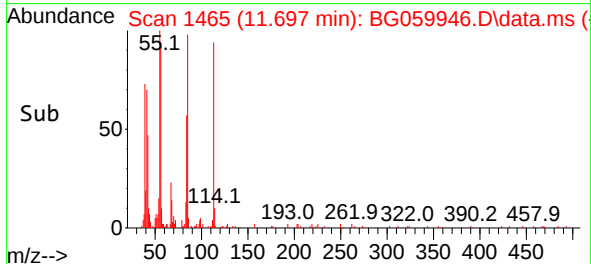
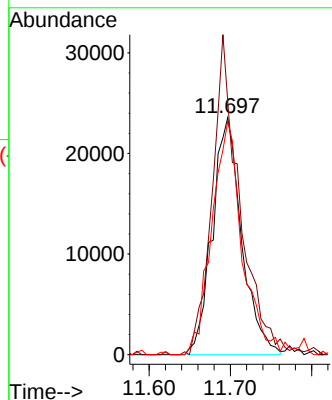
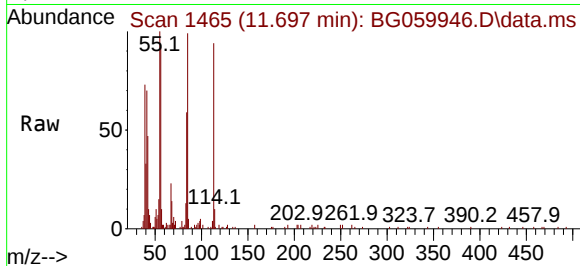




#35
Caprolactam
Concen: 38.281 ng
RT: 11.697 min Scan# 1466
Delta R.T. -0.005 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

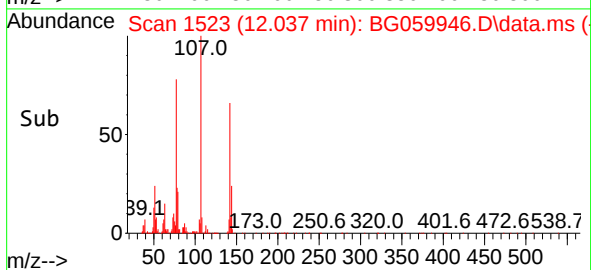
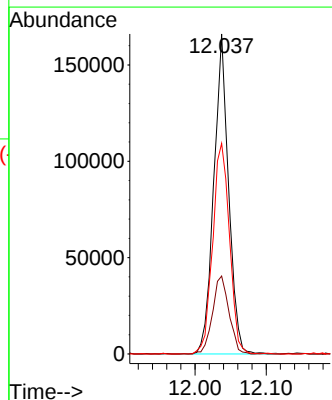
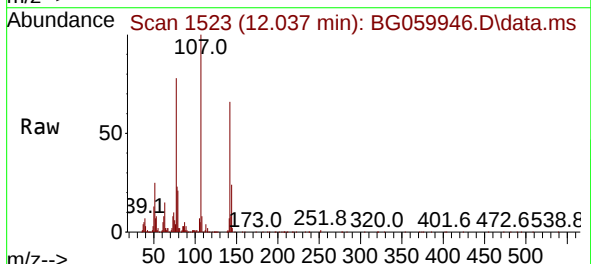
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

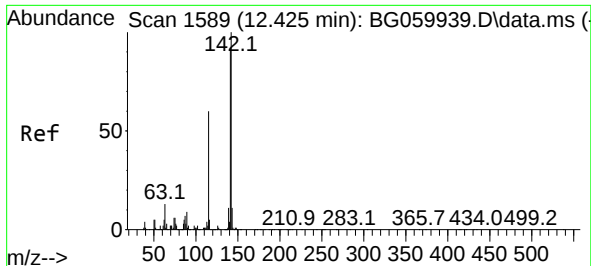
Tgt Ion:113 Resp: 59210
Ion Ratio Lower Upper
113 100
55 106.9 93.5 133.5
56 98.4 74.9 114.9



#36
4-Chloro-3-methylphenol
Concen: 39.623 ng
RT: 12.037 min Scan# 1523
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:107 Resp: 239964
Ion Ratio Lower Upper
107 100
144 24.4 21.6 32.4
142 65.8 64.6 97.0





#37

2-Methylnaphthalene

Concen: 38.953 ng

RT: 12.425 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

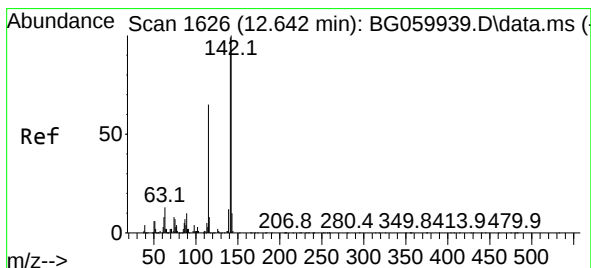
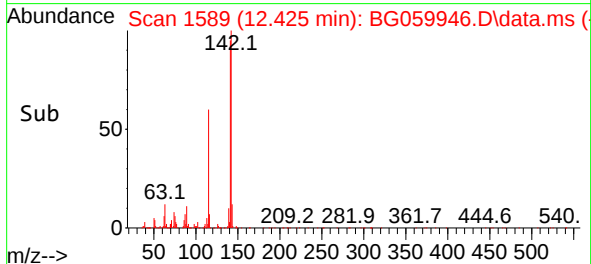
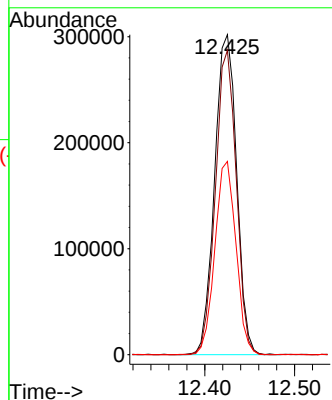
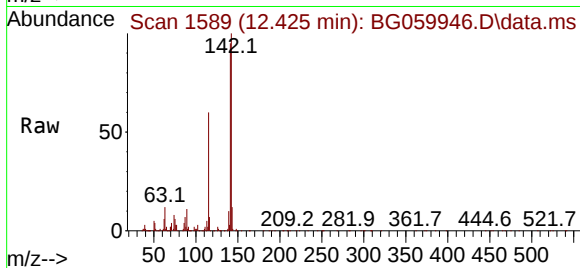
Tgt Ion:142 Resp: 513737

Ion Ratio Lower Upper

142 100

141 95.1 73.4 110.2

115 60.4 48.1 72.1



#38

1-Methylnaphthalene

Concen: 39.887 ng

RT: 12.425 min Scan# 1589

Delta R.T. -0.217 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

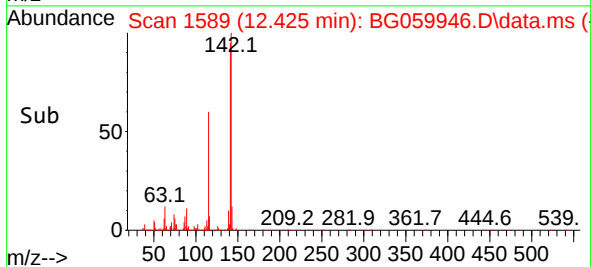
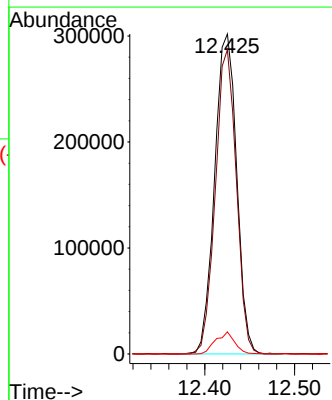
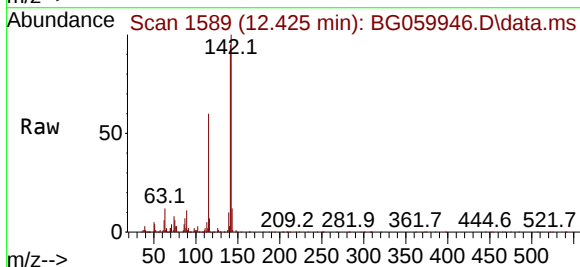
Tgt Ion:142 Resp: 513737

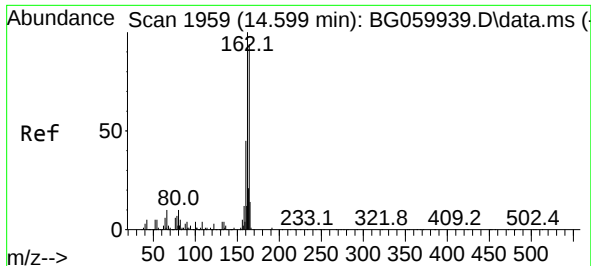
Ion Ratio Lower Upper

142 100

141 95.1 79.4 119.2

116 6.9 6.2 9.4

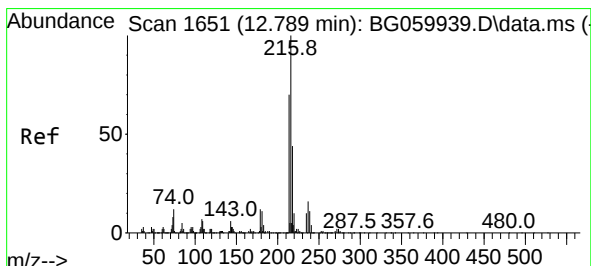
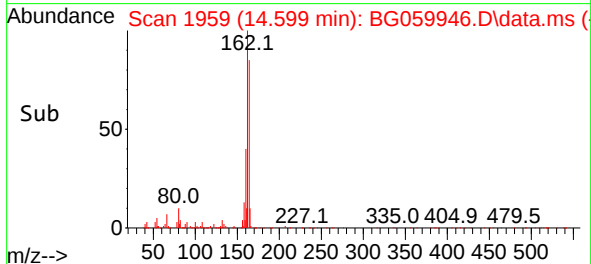
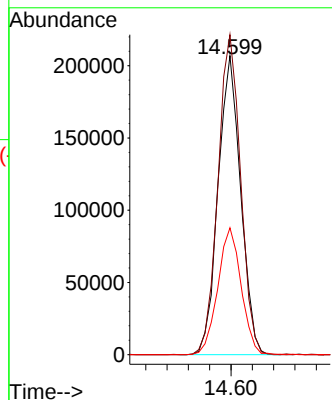
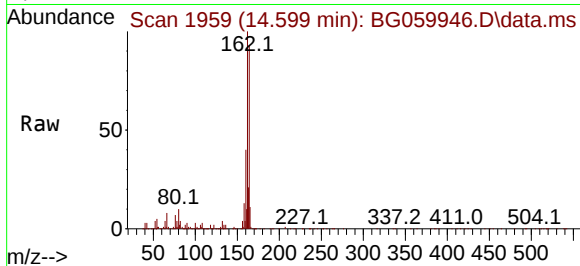




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.599 min Scan# 1959
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

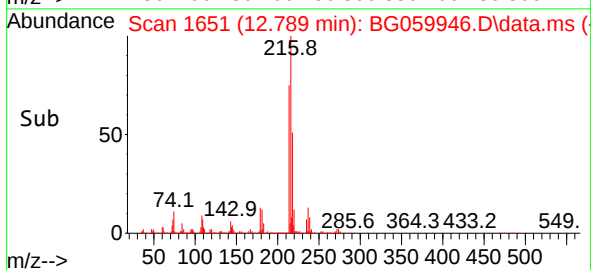
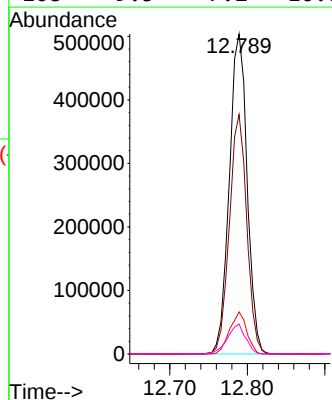
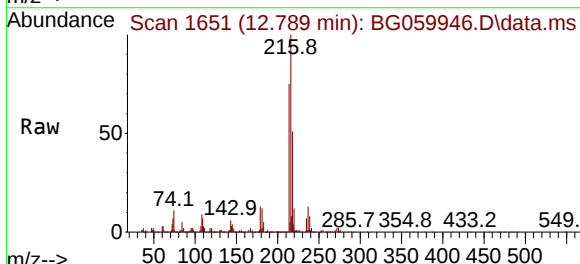
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

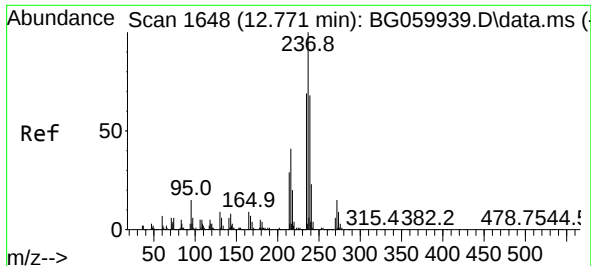
Tgt Ion:164 Resp: 304333
Ion Ratio Lower Upper
164 100
162 107.0 85.0 127.6
160 42.4 38.1 57.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.088 ng
RT: 12.789 min Scan# 1651
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:216 Resp: 805762
Ion Ratio Lower Upper
216 100
214 73.0 58.3 87.5
179 12.6 10.2 15.4
108 9.5 7.2 10.8

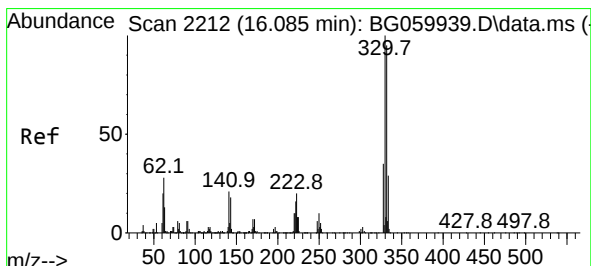
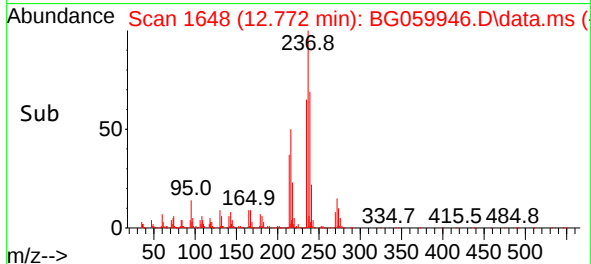
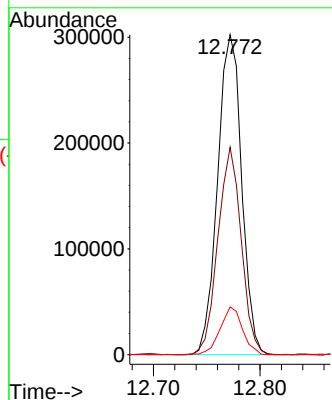
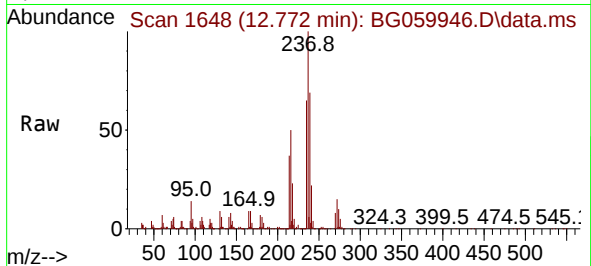




#41
Hexachlorocyclopentadiene
Concen: 42.985 ng
RT: 12.772 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

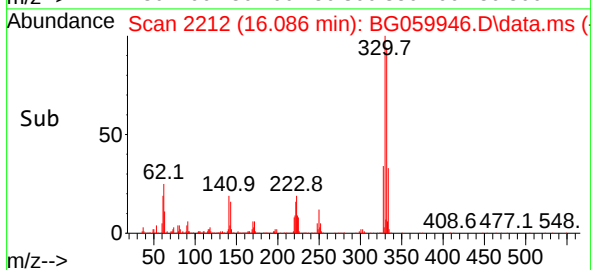
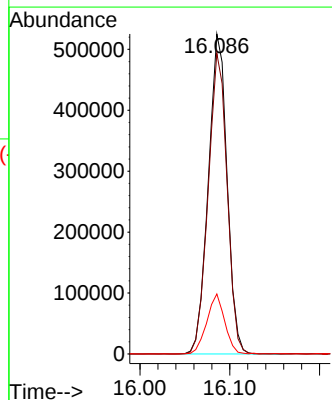
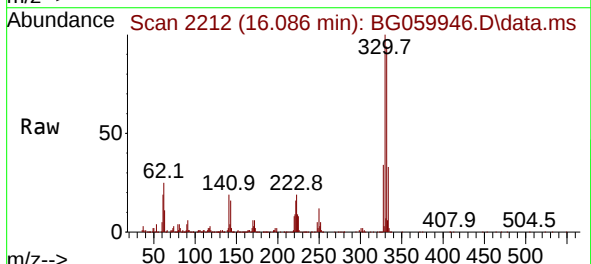
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

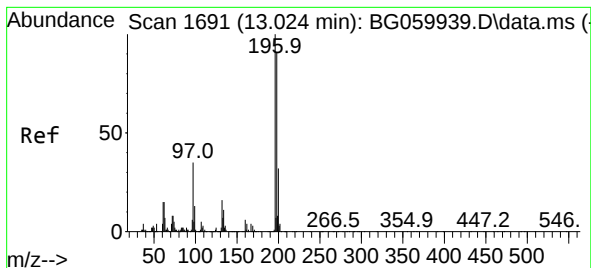
Tgt Ion:237 Resp: 473203
Ion Ratio Lower Upper
237 100
235 64.8 49.4 89.4
272 15.0 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 77.735 ng
RT: 16.086 min Scan# 2212
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:330 Resp: 761149
Ion Ratio Lower Upper
330 100
332 94.6 76.5 114.7
141 18.0 15.0 22.6





#43

2,4,6-Trichlorophenol

Concen: 36.998 ng

RT: 13.024 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

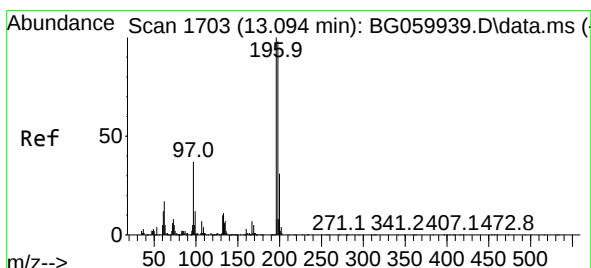
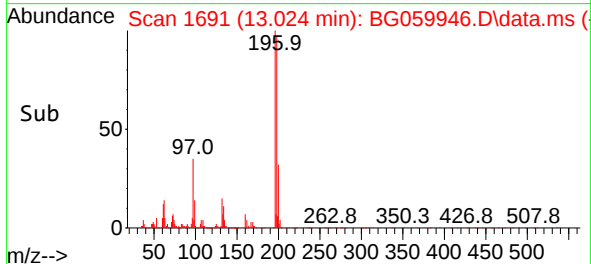
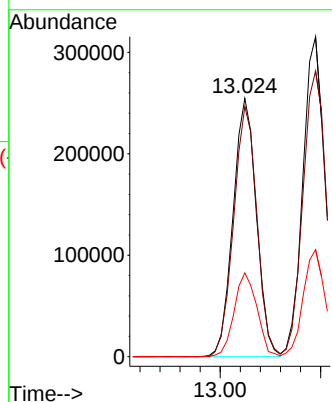
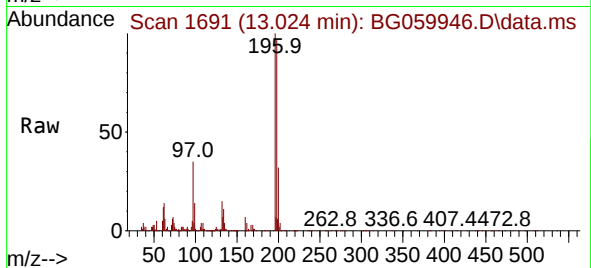
Tgt Ion:196 Resp: 411600

Ion Ratio Lower Upper

196 100

198 96.9 72.6 109.0

200 32.5 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 39.676 ng

RT: 13.095 min Scan# 1703

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Tgt Ion:196 Resp: 485369

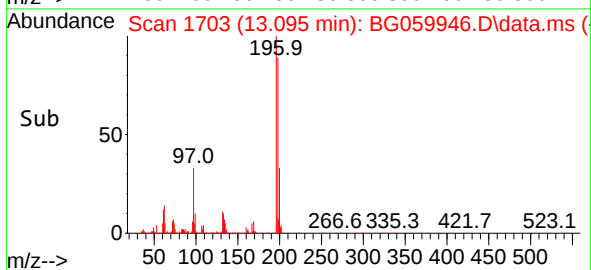
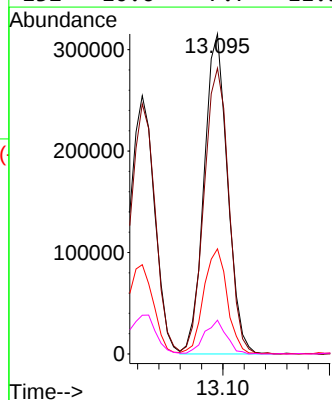
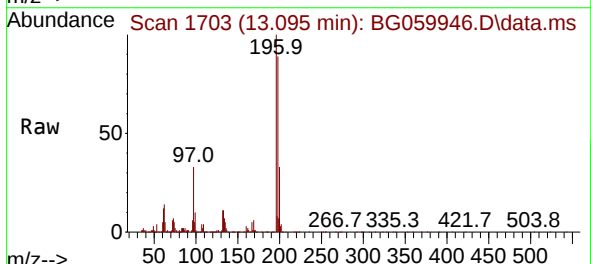
Ion Ratio Lower Upper

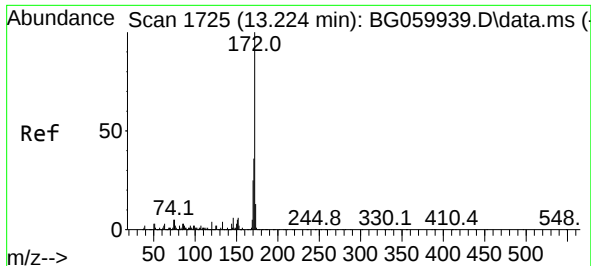
196 100

198 89.3 78.3 117.5

97 32.8 30.2 45.4

132 10.6 7.7 11.5

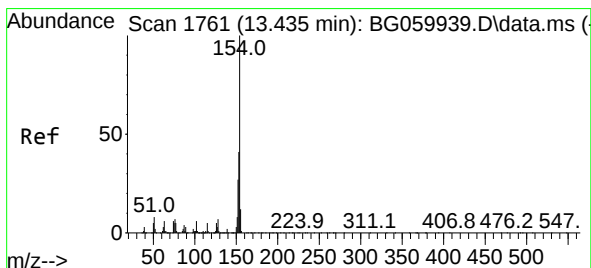
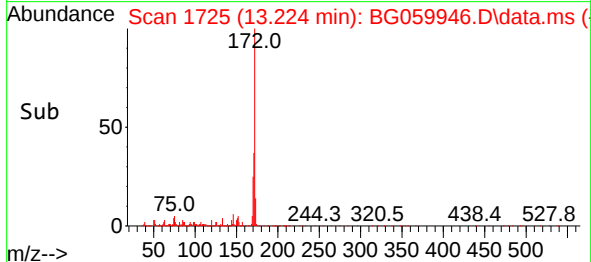
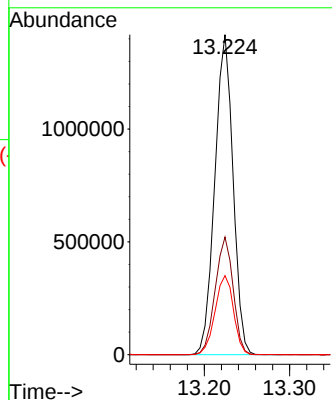
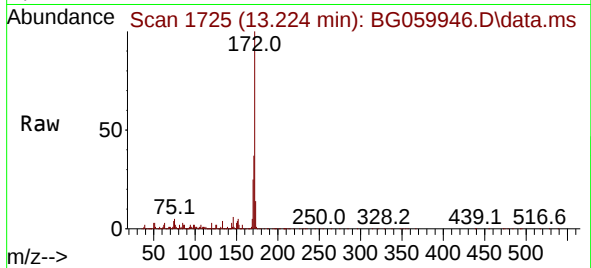




#45
2-Fluorobiphenyl
Concen: 75.449 ng
RT: 13.224 min Scan# 1725
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

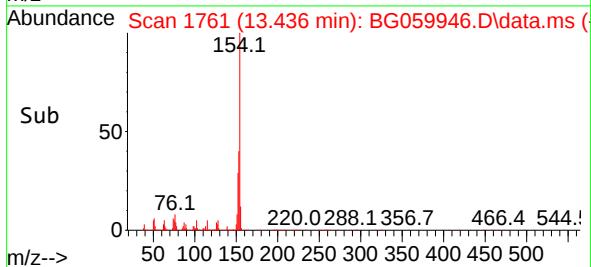
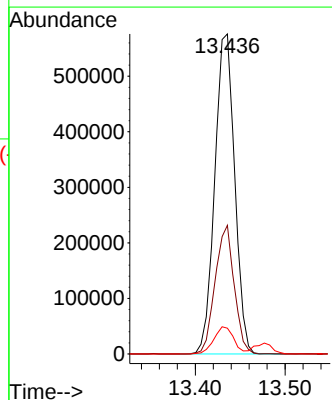
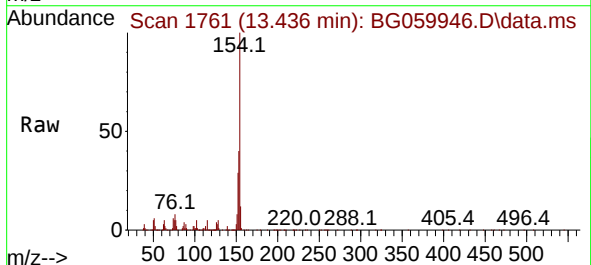
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

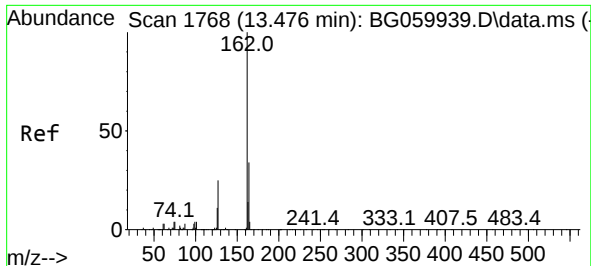
Tgt Ion:172 Resp: 2105259
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.7 19.8 29.8



#46
1,1'-Biphenyl
Concen: 39.819 ng
RT: 13.436 min Scan# 1761
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:154 Resp: 885614
Ion Ratio Lower Upper
154 100
153 40.2 20.8 60.8
76 8.0 0.0 27.4

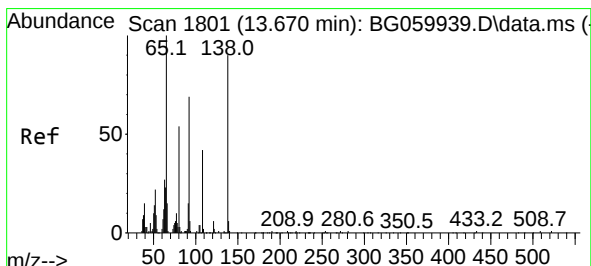
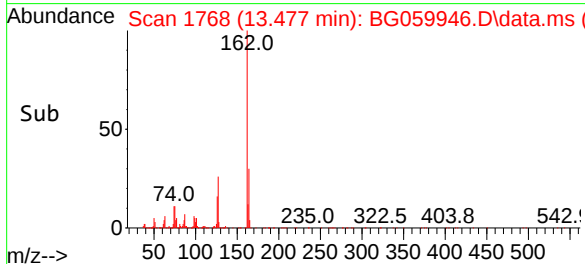
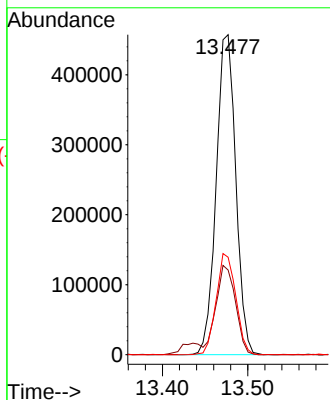
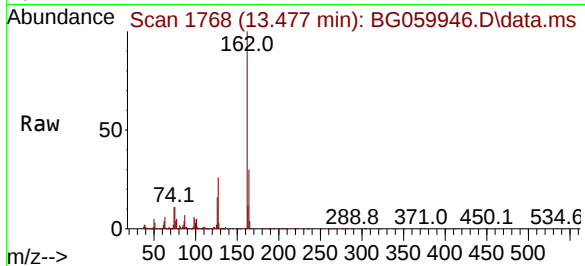




#47
2-Chloronaphthalene
Concen: 36.703 ng
RT: 13.477 min Scan# 1768
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

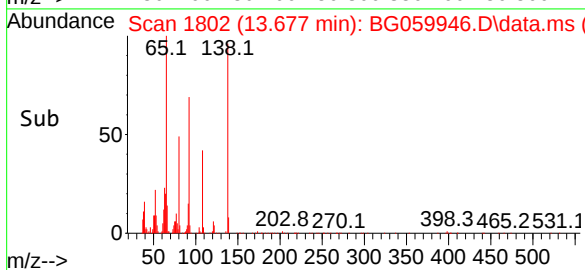
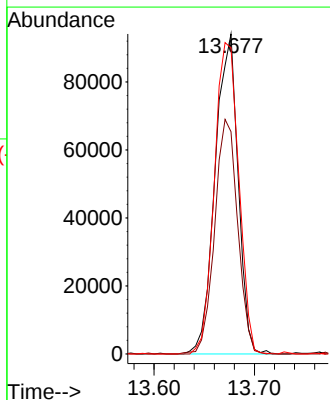
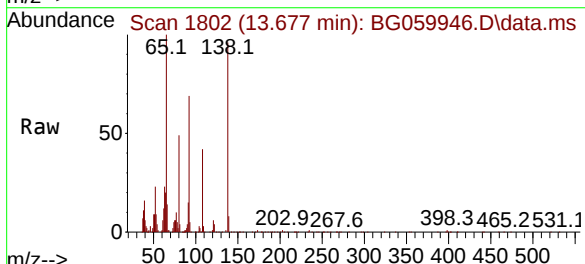
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

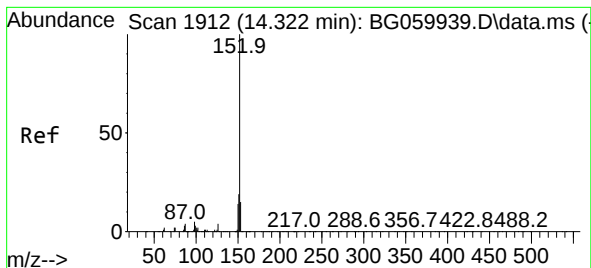
Tgt Ion:162 Resp: 730346
Ion Ratio Lower Upper
162 100
127 26.5 22.6 33.8
164 30.5 27.4 41.0



#48
2-Nitroaniline
Concen: 39.521 ng
RT: 13.677 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion: 65 Resp: 149066
Ion Ratio Lower Upper
65 100
92 69.5 55.4 83.2
138 95.6 71.8 107.6





#49

Acenaphthylene

Concen: 39.855 ng

RT: 14.323 min Scan# 1912

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

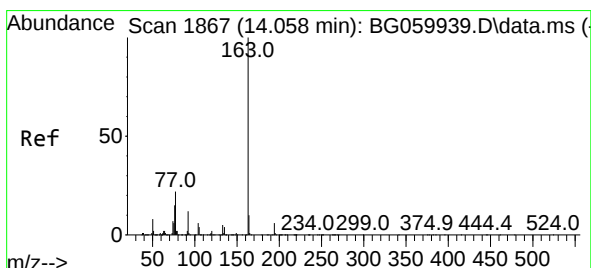
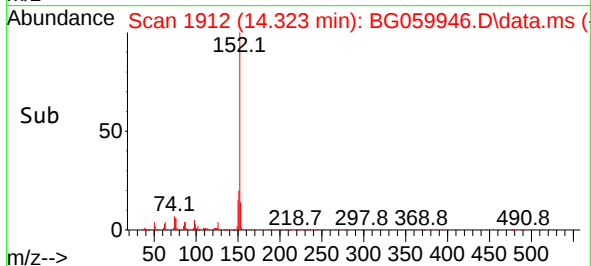
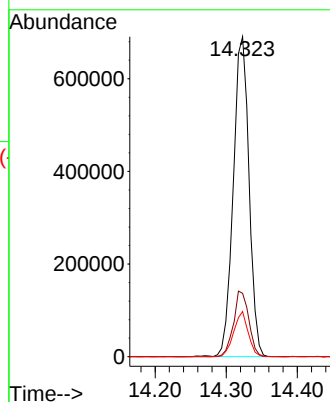
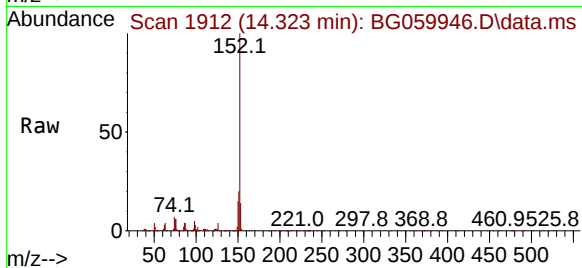
Tgt Ion:152 Resp: 1061414

Ion Ratio Lower Upper

152 100

151 19.8 15.3 22.9

153 14.1 11.7 17.5



#50

Dimethylphthalate

Concen: 40.102 ng

RT: 14.053 min Scan# 1866

Delta R.T. -0.005 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

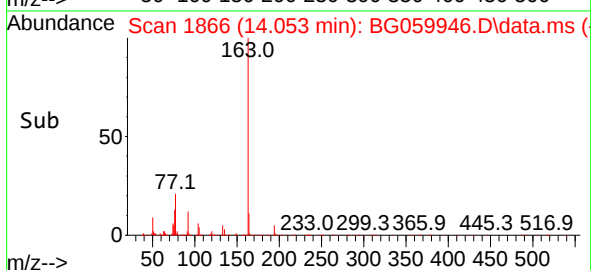
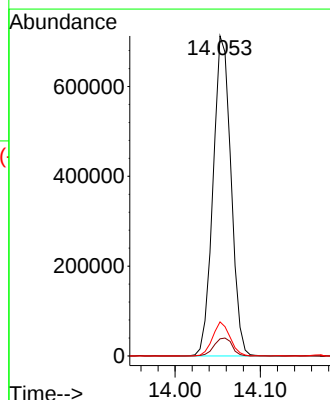
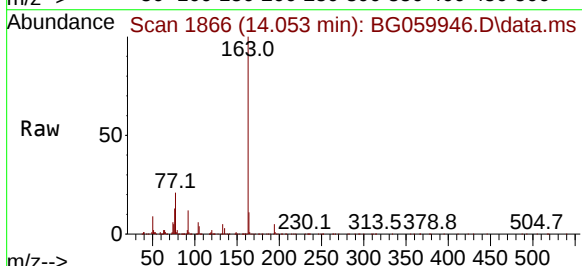
Tgt Ion:163 Resp: 1038919

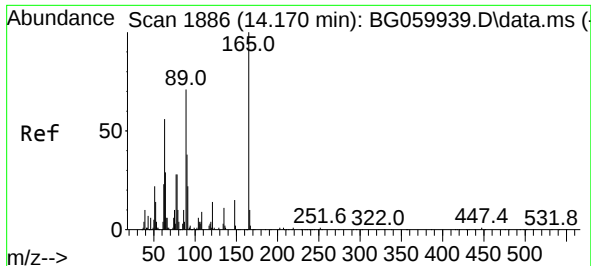
Ion Ratio Lower Upper

163 100

194 5.4 4.6 7.0

164 10.7 8.1 12.1

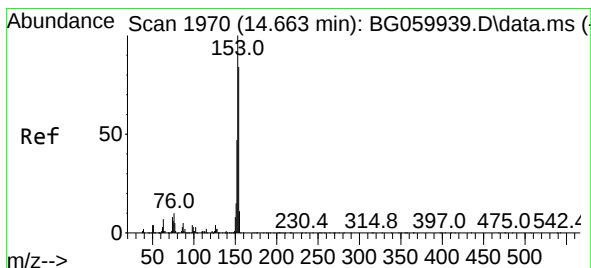
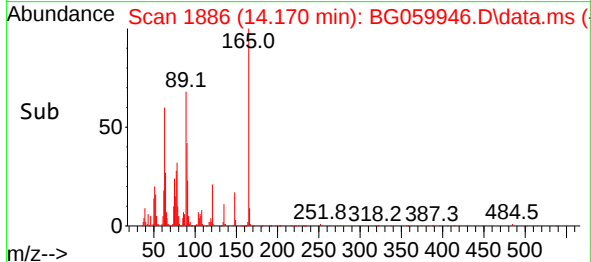
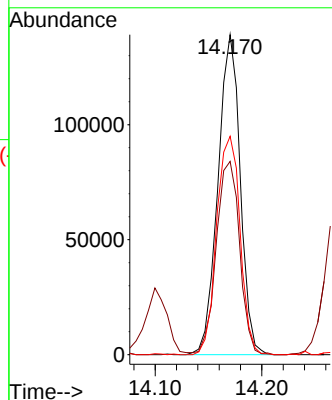
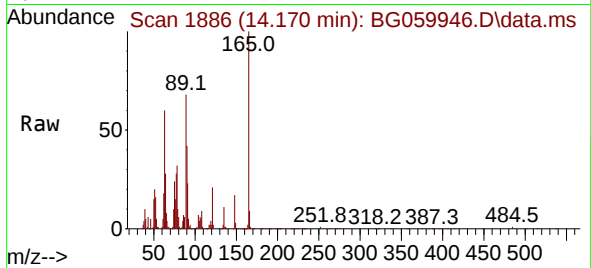




#51
2,6-Dinitrotoluene
Concen: 35.437 ng
RT: 14.170 min Scan# 1886
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

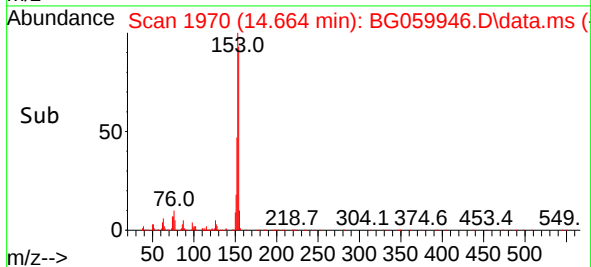
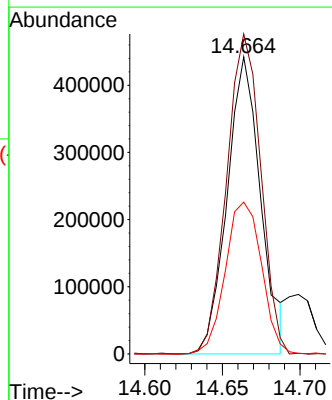
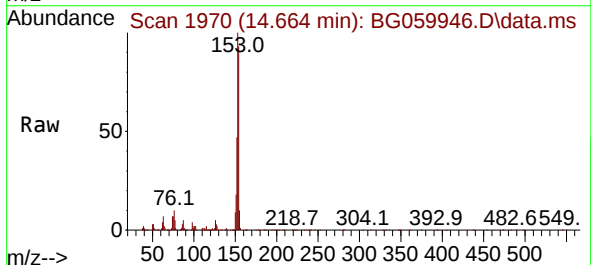
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

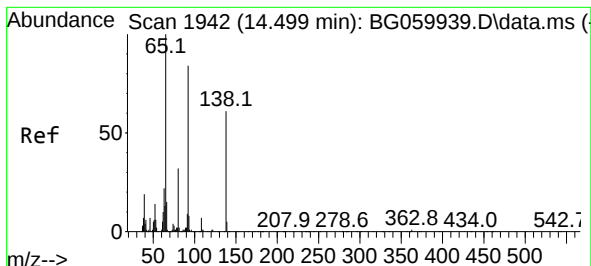
Tgt Ion:165 Resp: 201142
Ion Ratio Lower Upper
165 100
63 60.4 47.2 70.8
89 68.3 57.1 85.7



#52
Acenaphthene
Concen: 34.489 ng
RT: 14.664 min Scan# 1970
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:154 Resp: 662935
Ion Ratio Lower Upper
154 100
153 107.7 95.8 143.6
152 51.1 45.0 67.4

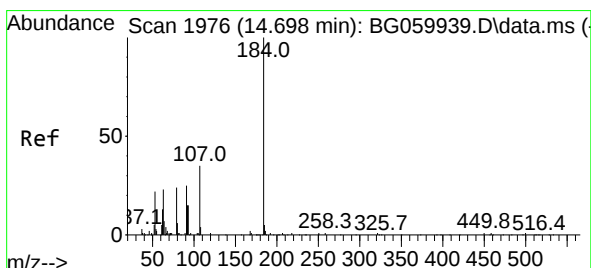
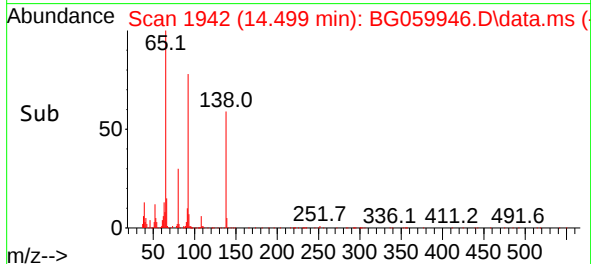
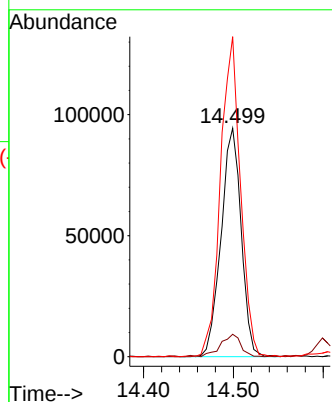
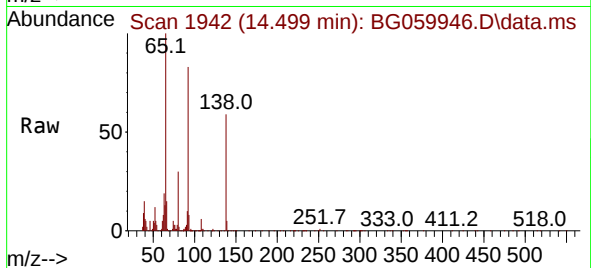




#53
3-Nitroaniline
Concen: 41.644 ng
RT: 14.499 min Scan# 1942
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

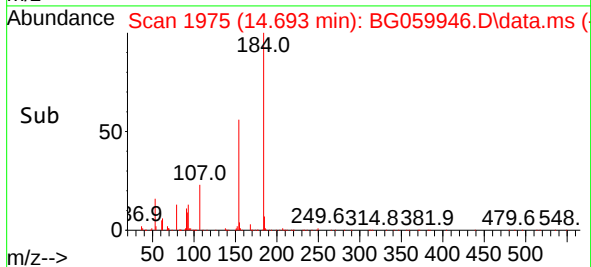
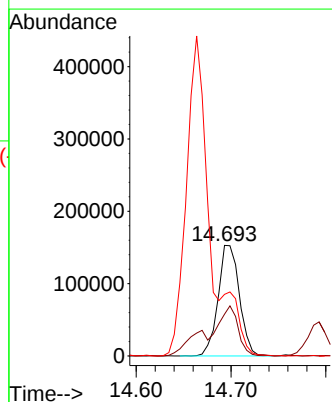
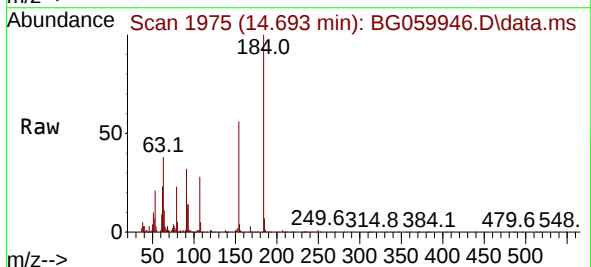
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

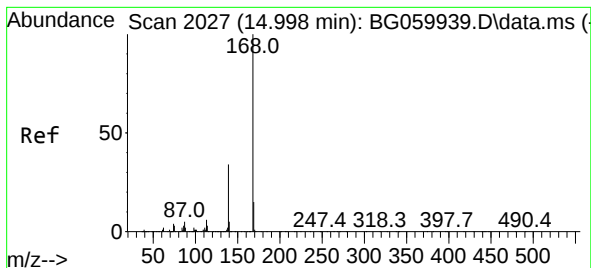
Tgt Ion:138 Resp: 146641
Ion Ratio Lower Upper
138 100
108 9.8 9.6 14.4
92 140.1 109.8 164.6



#54
2,4-Dinitrophenol
Concen: 48.311 ng
RT: 14.693 min Scan# 1975
Delta R.T. -0.005 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:184 Resp: 239176
Ion Ratio Lower Upper
184 100
63 37.7 38.2 57.4#
154 55.7 52.6 78.8





#55

Dibenzofuran

Concen: 40.043 ng

RT: 14.999 min Scan# 20

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

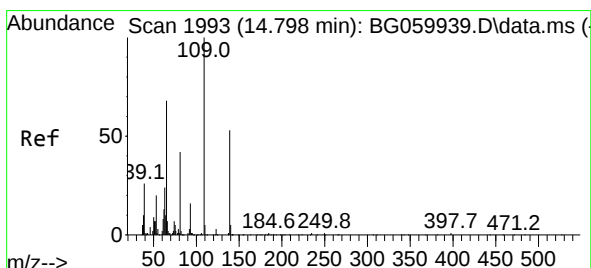
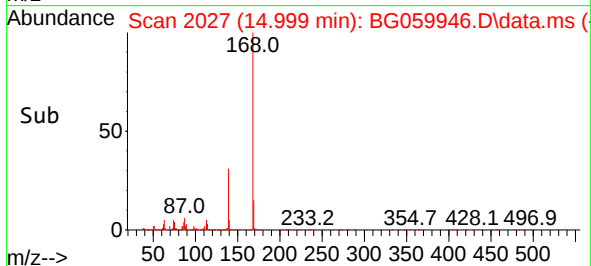
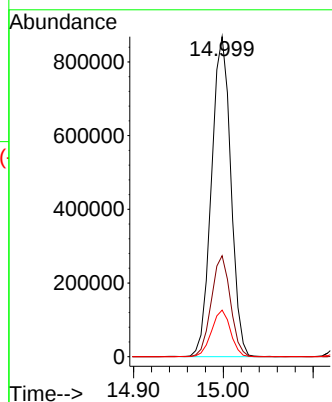
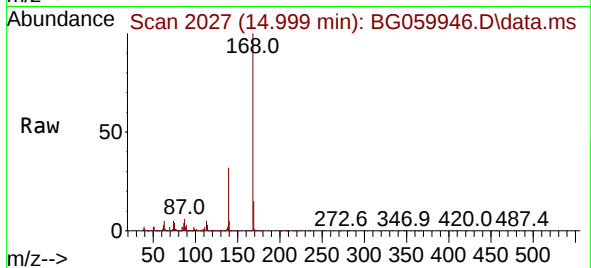
Tgt Ion:168 Resp: 1298270

Ion Ratio Lower Upper

168 100

139 31.5 27.0 40.6

169 14.6 11.6 17.4



#56

4-Nitrophenol

Concen: 39.040 ng

RT: 14.793 min Scan# 1992

Delta R.T. -0.005 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

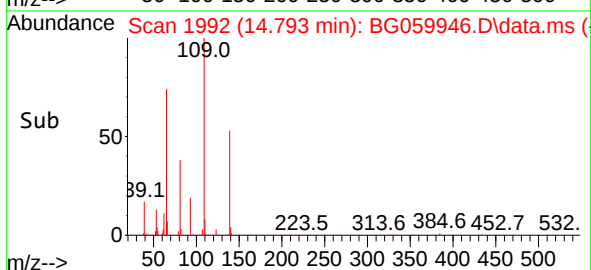
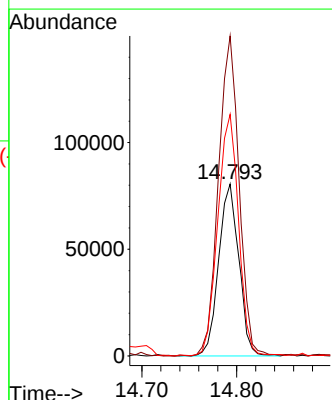
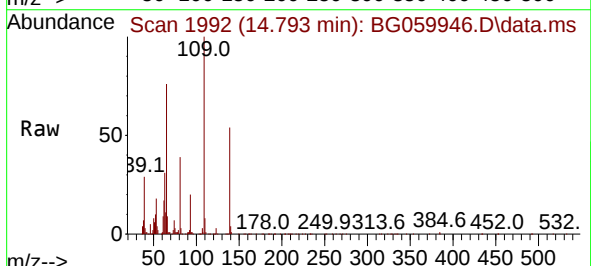
Tgt Ion:139 Resp: 119306

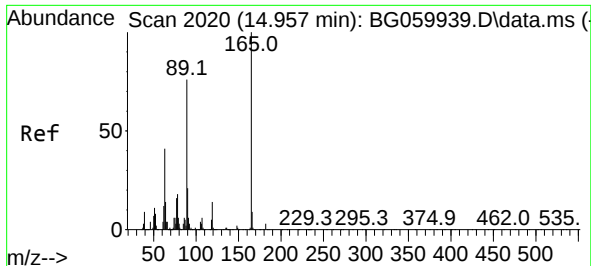
Ion Ratio Lower Upper

139 100

109 186.1 167.9 207.9

65 140.5 108.1 148.1

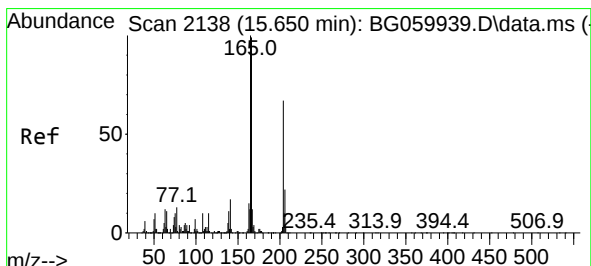
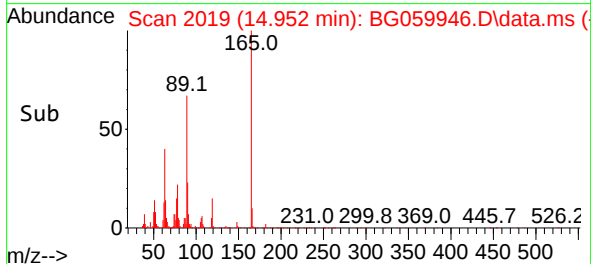
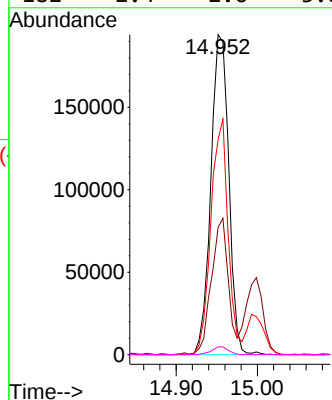
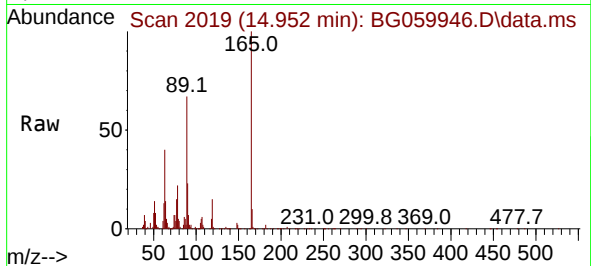




#57
2,4-Dinitrotoluene
Concen: 37.690 ng
RT: 14.952 min Scan# 20
Delta R.T. -0.005 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

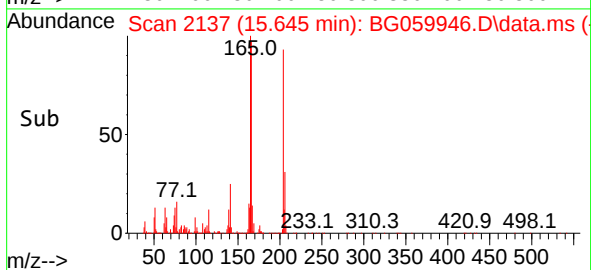
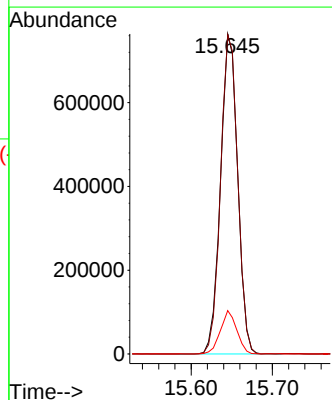
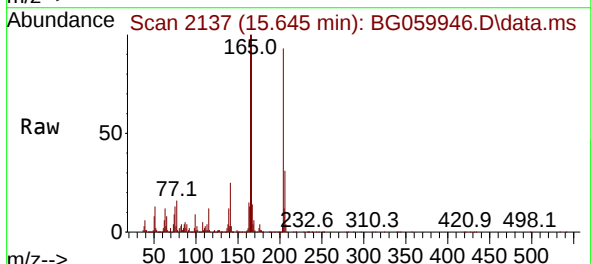
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

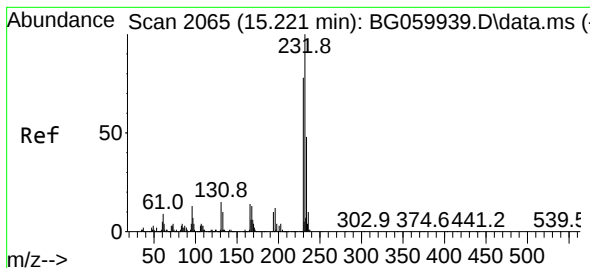
Tgt Ion:165 Resp: 297534
Ion Ratio Lower Upper
165 100
63 39.8 32.8 49.2
89 67.3 60.6 90.8
182 2.4 2.6 3.8#



#58
Fluorene
Concen: 40.566 ng
RT: 15.645 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:166 Resp: 1119209
Ion Ratio Lower Upper
166 100
165 99.7 80.6 121.0
167 13.5 9.9 14.9

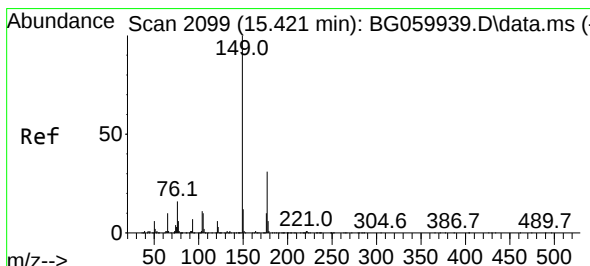
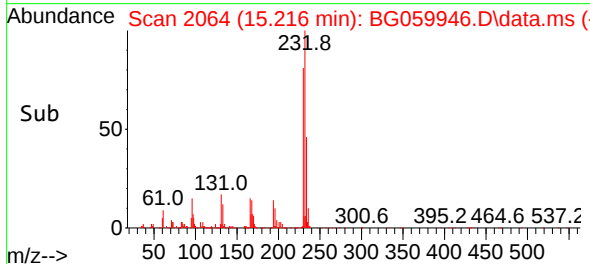
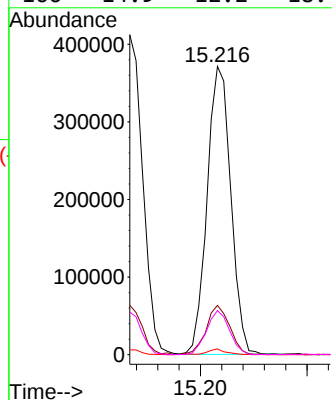
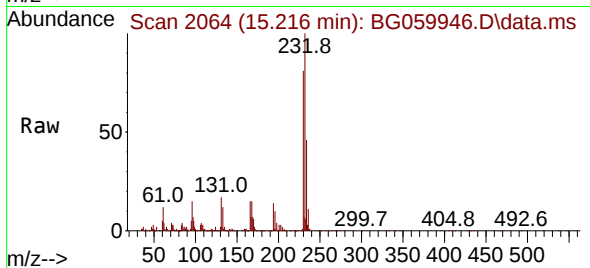




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.353 ng
RT: 15.216 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

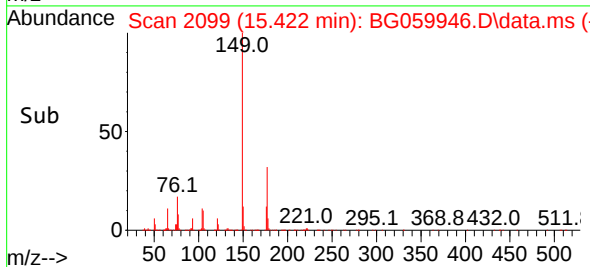
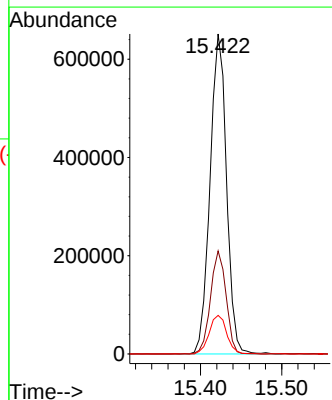
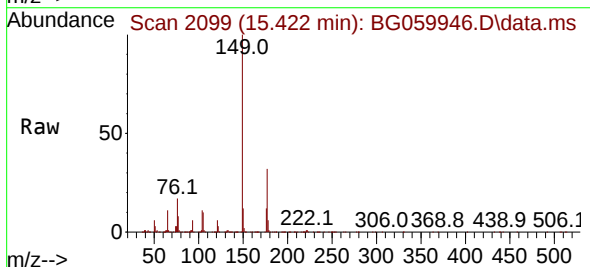
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

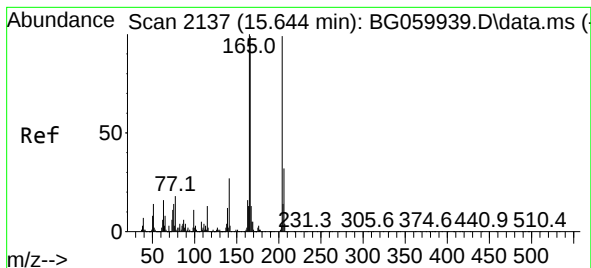
Tgt Ion:232 Resp: 572707
Ion Ratio Lower Upper
232 100
131 17.1 14.8 22.2
130 1.6 1.2 1.8
166 14.9 12.2 18.4



#60
Diethylphthalate
Concen: 39.701 ng
RT: 15.422 min Scan# 2099
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:149 Resp: 916098
Ion Ratio Lower Upper
149 100
177 32.2 24.6 37.0
150 12.1 9.6 14.4

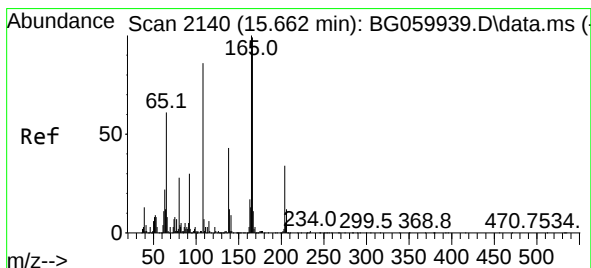
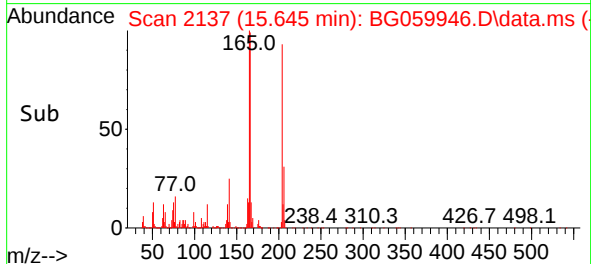
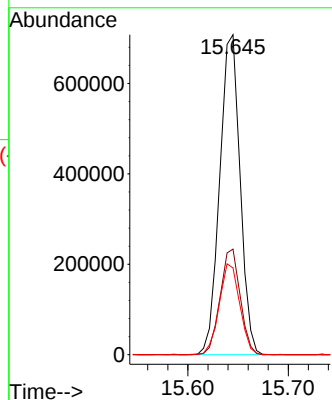
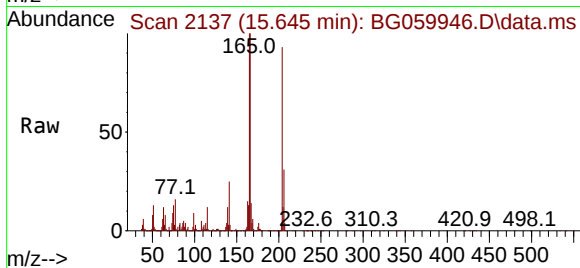




#61
4-Chlorophenyl-phenylether
Concen: 39.795 ng
RT: 15.645 min Scan# 2137
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

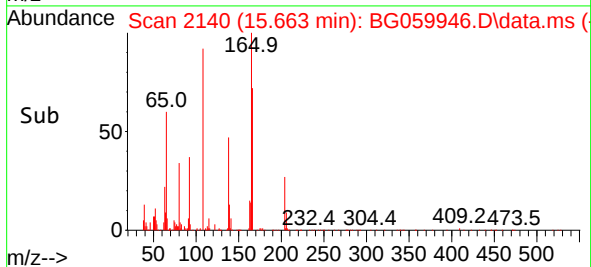
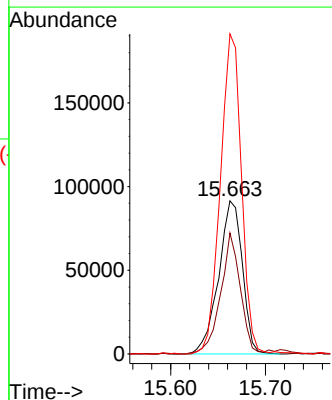
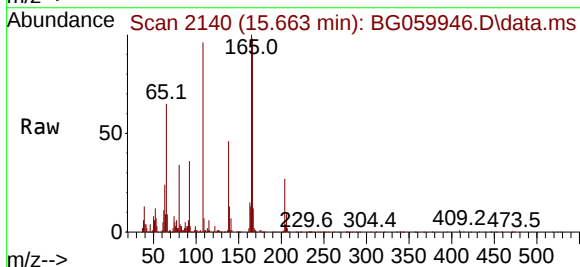
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

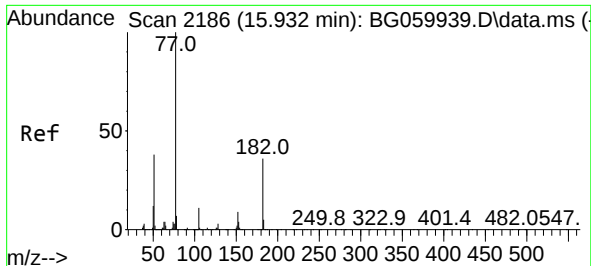
Tgt Ion:204 Resp: 995995
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 27.1 21.4 32.2



#62
4-Nitroaniline
Concen: 39.266 ng
RT: 15.663 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:138 Resp: 159152
Ion Ratio Lower Upper
138 100
92 78.9 50.8 90.8
108 208.9 181.0 221.0

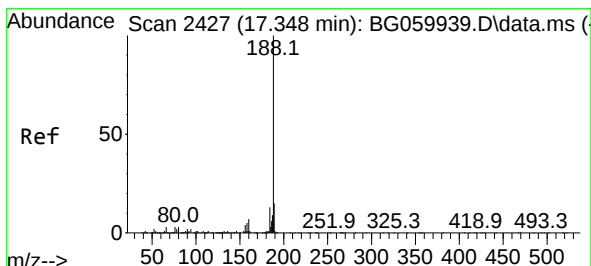
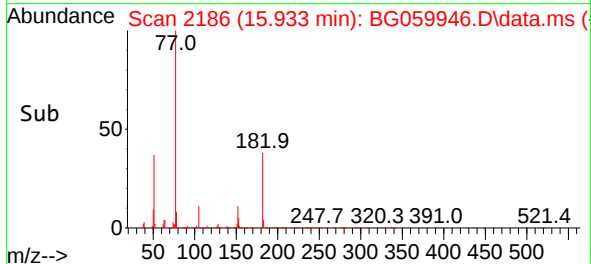
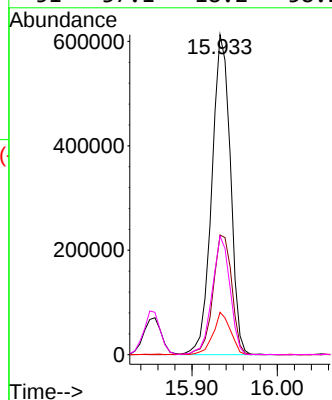
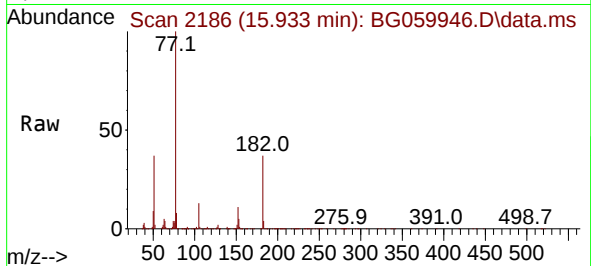




#63
Azobenzene
Concen: 38.838 ng
RT: 15.933 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

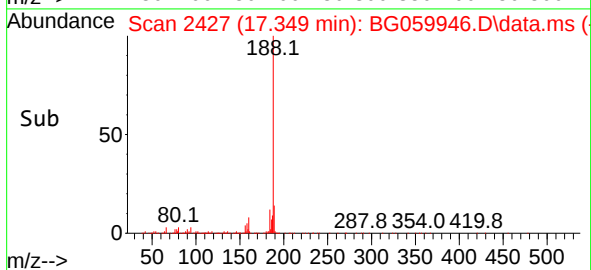
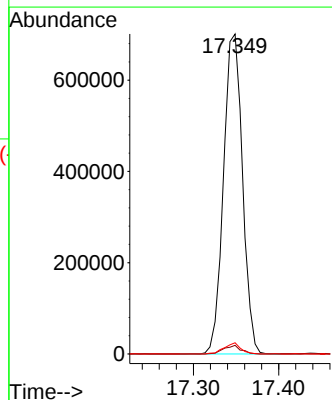
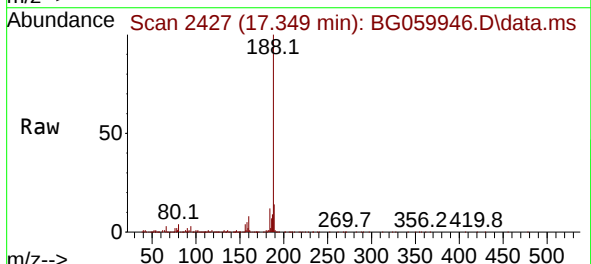
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

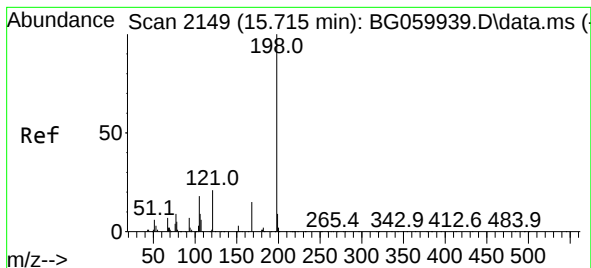
Tgt Ion: 77 Resp: 929702
Ion Ratio Lower Upper
77 100
182 37.4 15.7 55.7
105 13.2 0.0 31.5
51 37.1 18.2 58.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.349 min Scan# 2427
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:188 Resp: 1085489
Ion Ratio Lower Upper
188 100
94 2.7 1.8 2.6#
80 3.5 2.2 3.4#

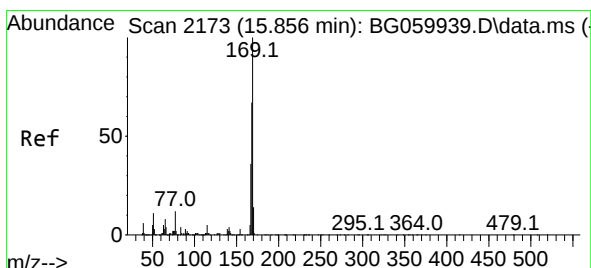
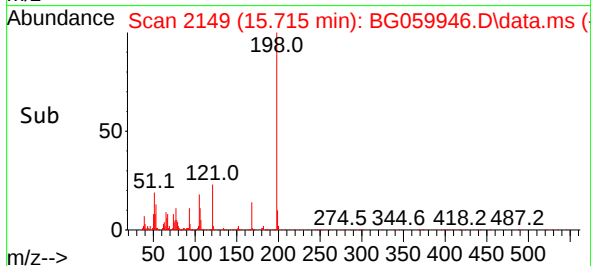
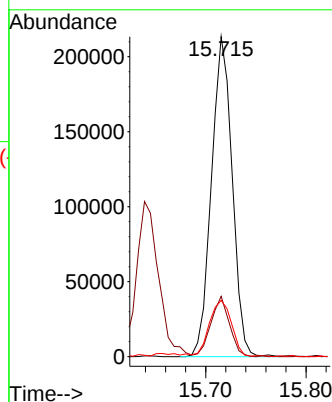
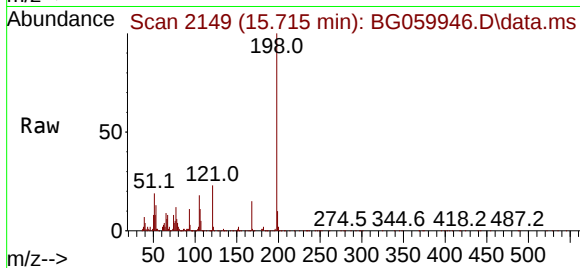




#65
4,6-Dinitro-2-methylphenol
Concen: 36.949 ng
RT: 15.715 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

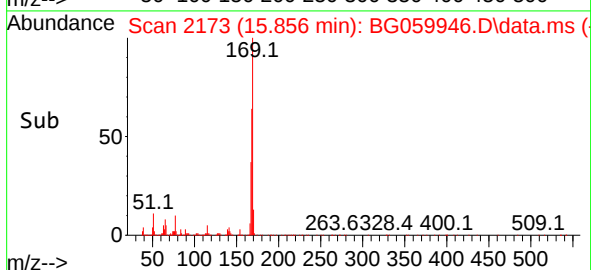
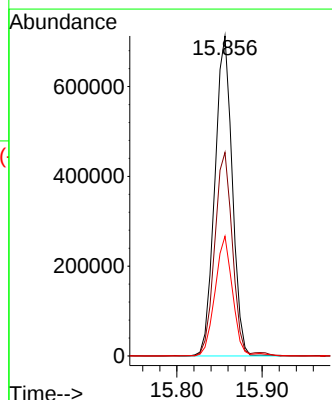
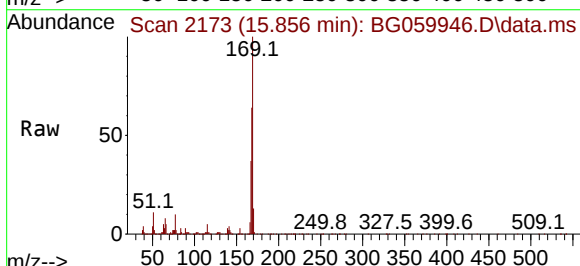
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

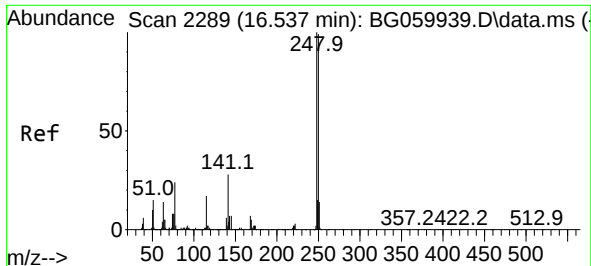
Tgt Ion:198 Resp: 306639
Ion Ratio Lower Upper
198 100
51 18.9 0.0 34.4
105 17.6 0.0 39.0



#66
n-Nitrosodiphenylamine
Concen: 40.736 ng
RT: 15.856 min Scan# 2173
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:169 Resp: 1012888
Ion Ratio Lower Upper
169 100
168 63.6 53.5 80.3
167 37.4 29.2 43.8

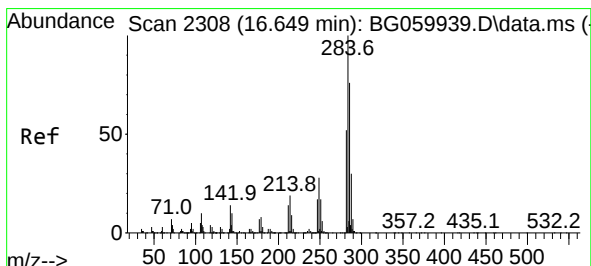
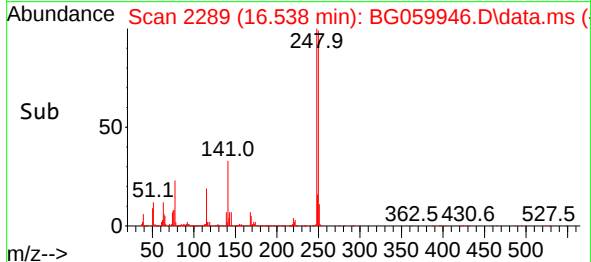
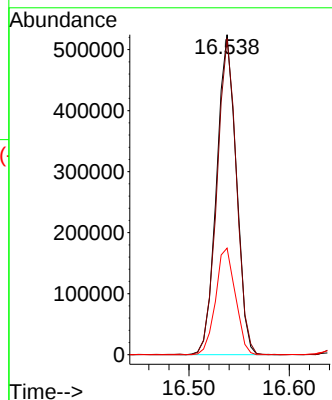
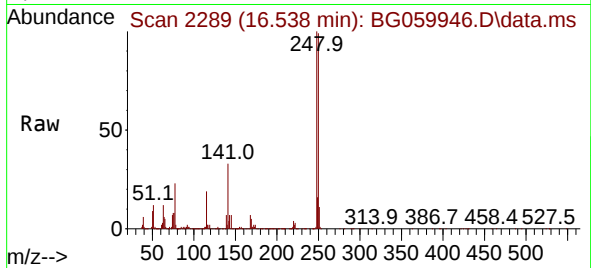




#67
4-Bromophenyl-phenylether
Concen: 38.368 ng
RT: 16.538 min Scan# 2289
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

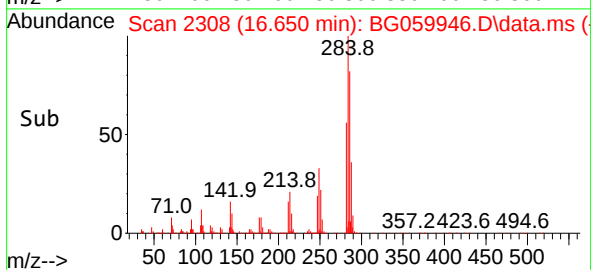
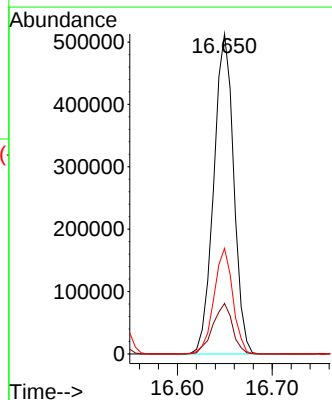
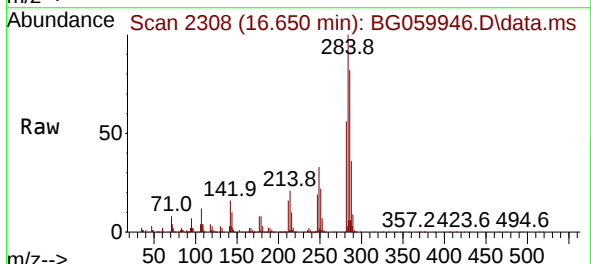
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

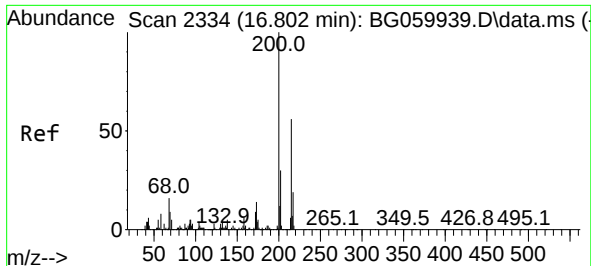
Tgt Ion:248 Resp: 713533
Ion Ratio Lower Upper
248 100
250 98.8 79.0 118.4
141 33.3 22.3 33.5



#68
Hexachlorobenzene
Concen: 36.261 ng
RT: 16.650 min Scan# 2308
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:284 Resp: 749277
Ion Ratio Lower Upper
284 100
142 15.8 11.4 17.0
249 33.0 24.2 36.2

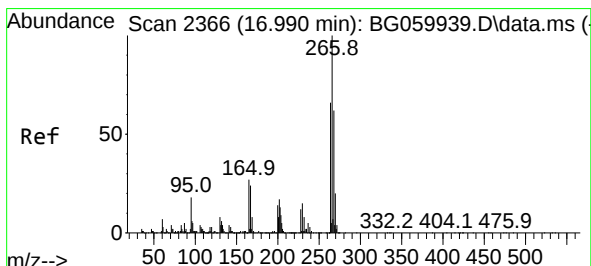
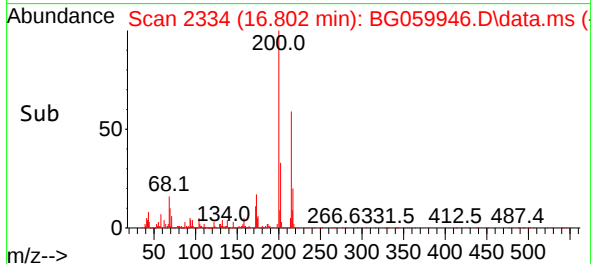
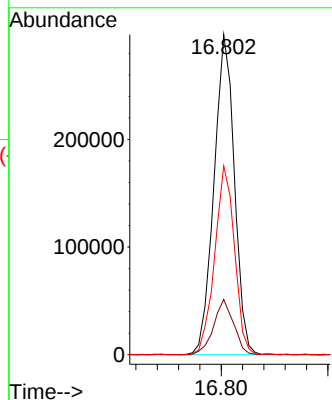
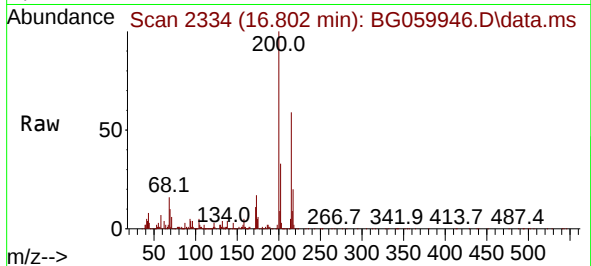




#69
 Atrazine
 Concen: 32.164 ng
 RT: 16.802 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG059946.D
 Acq: 5 Dec 2023 12:38

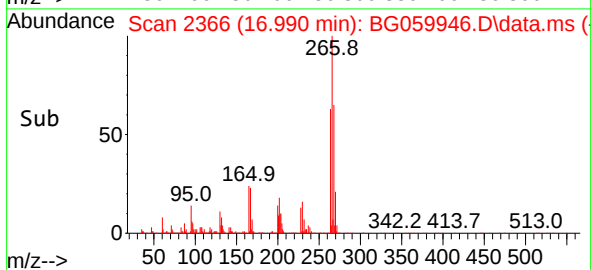
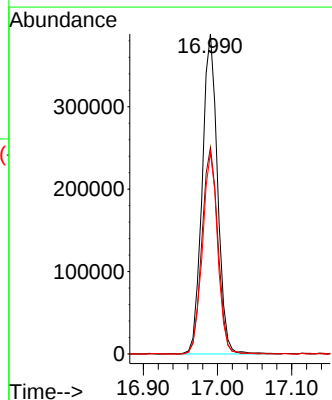
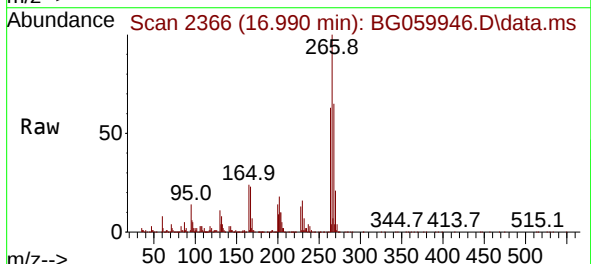
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

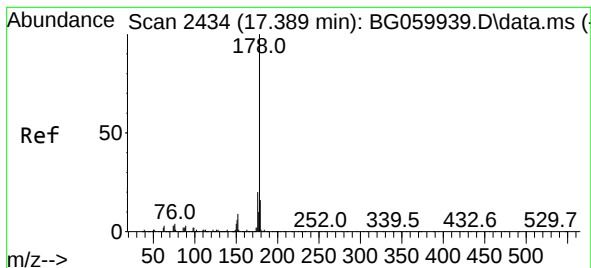
Tgt Ion:200 Resp: 394603
 Ion Ratio Lower Upper
 200 100
 173 17.2 0.0 34.0
 215 59.0 36.5 76.5



#70
 Pentachlorophenol
 Concen: 37.268 ng
 RT: 16.990 min Scan# 2366
 Delta R.T. 0.001 min
 Lab File: BG059946.D
 Acq: 5 Dec 2023 12:38

Tgt Ion:266 Resp: 558040
 Ion Ratio Lower Upper
 266 100
 268 64.5 49.3 73.9
 264 63.0 53.2 79.8





#71

Phenanthrene

Concen: 39.366 ng

RT: 17.390 min Scan# 2434

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

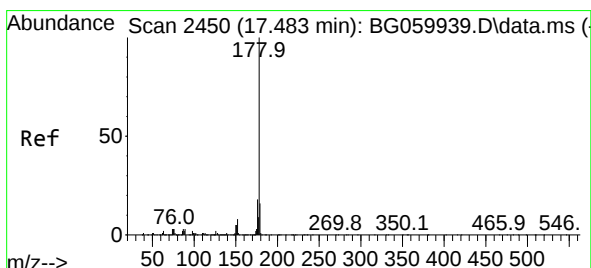
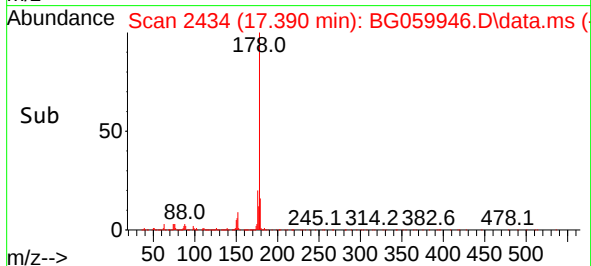
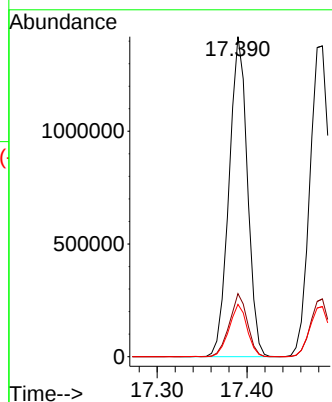
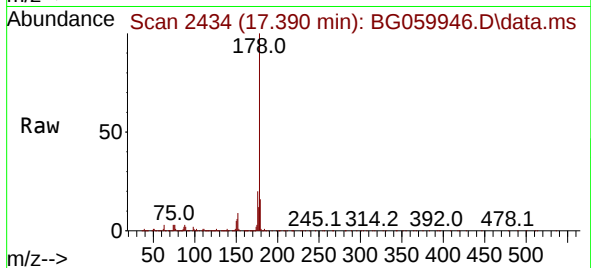
Tgt Ion:178 Resp: 2017739

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

179 16.3 12.6 19.0



#72

Anthracene

Concen: 40.346 ng

RT: 17.484 min Scan# 2450

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

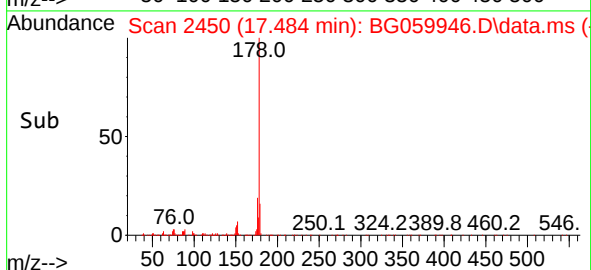
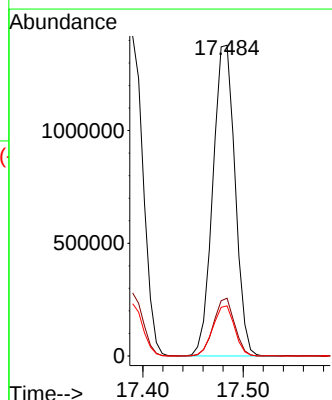
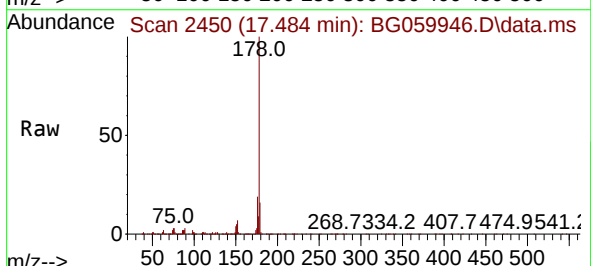
Tgt Ion:178 Resp: 2113800

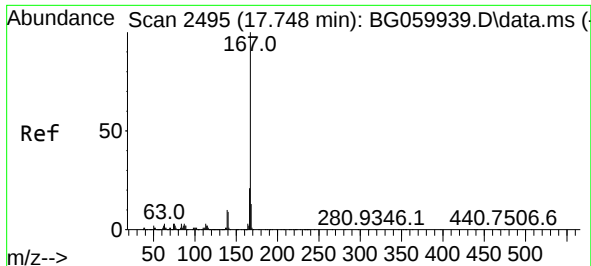
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 16.1 13.2 19.8



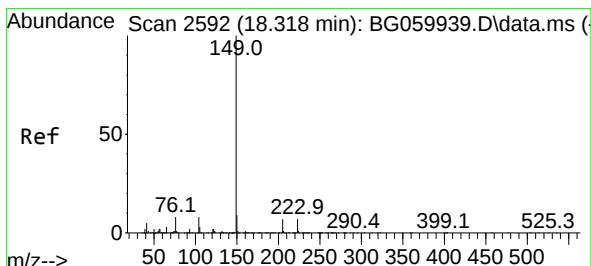
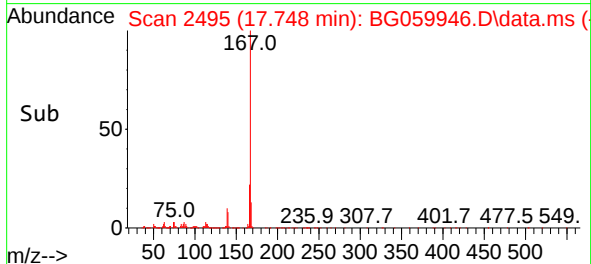
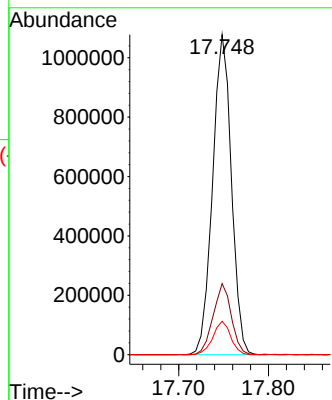
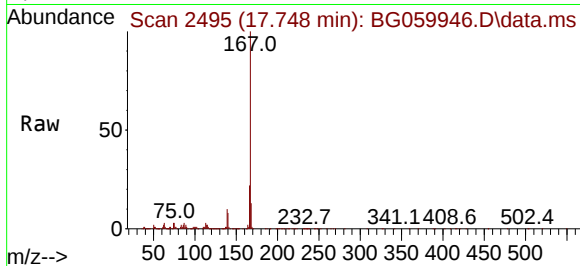


#73
 Carbazole
 Concen: 39.290 ng
 RT: 17.748 min Scan# 2495
 Delta R.T. 0.001 min
 Lab File: BG059946.D
 Acq: 5 Dec 2023 12:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 1564514

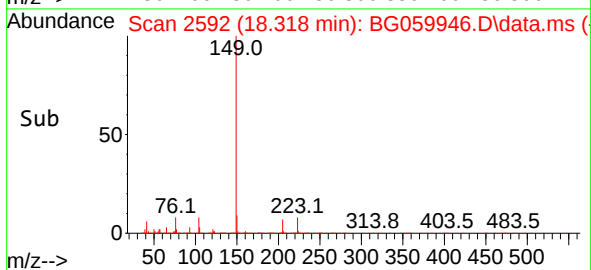
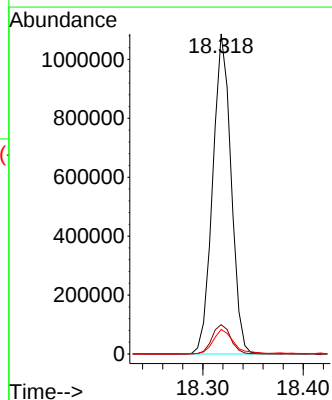
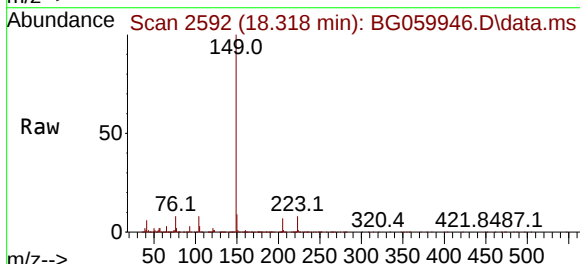
Ion	Ratio	Lower	Upper
167	100		
166	22.2	16.7	25.1
139	10.4	8.0	12.0

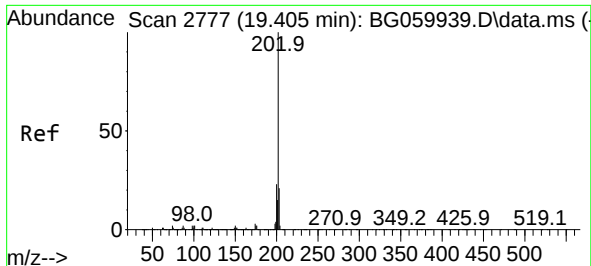


#74
 Di-n-butylphthalate
 Concen: 40.158 ng
 RT: 18.318 min Scan# 2592
 Delta R.T. 0.001 min
 Lab File: BG059946.D
 Acq: 5 Dec 2023 12:38

Tgt Ion:149 Resp: 1383119

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	7.6	6.2	9.2

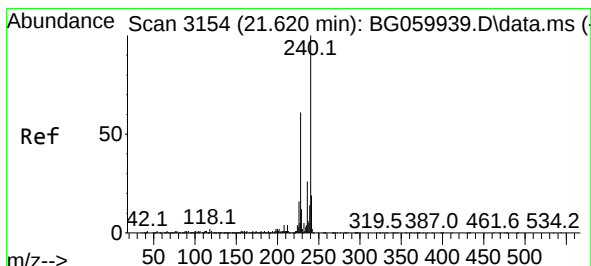
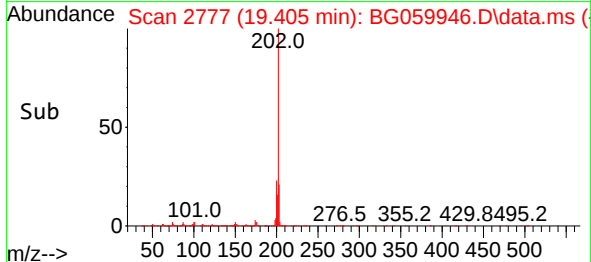
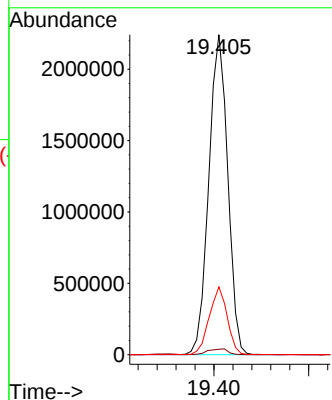
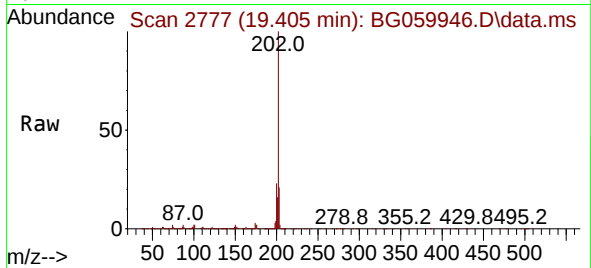




#75
Fluoranthene
Concen: 36.816 ng
RT: 19.405 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

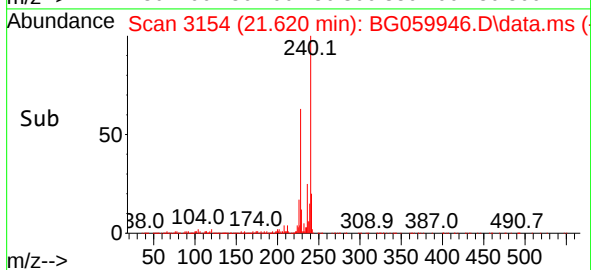
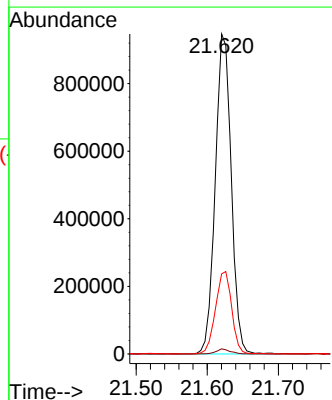
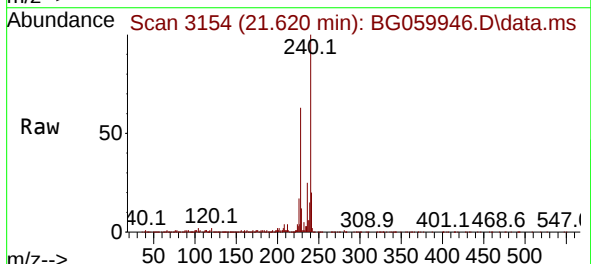
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

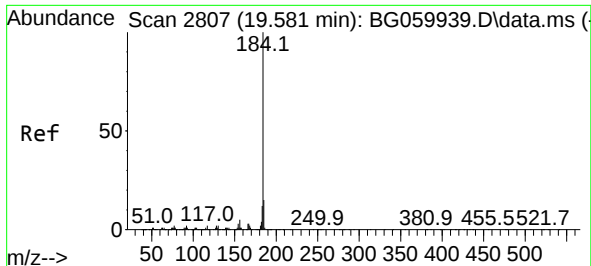
Tgt Ion:202 Resp: 3101233
Ion Ratio Lower Upper
202 100
101 1.7 0.0 21.6
203 21.2 0.9 40.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.620 min Scan# 3154
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:240 Resp: 1477930
Ion Ratio Lower Upper
240 100
120 1.6 1.0 1.4#
236 25.1 20.8 31.2

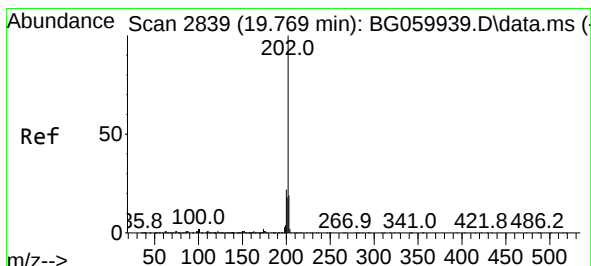
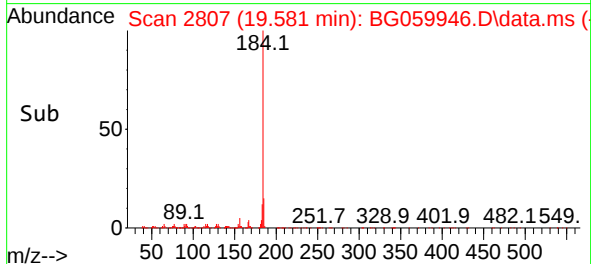
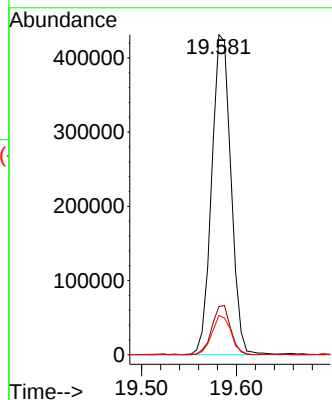
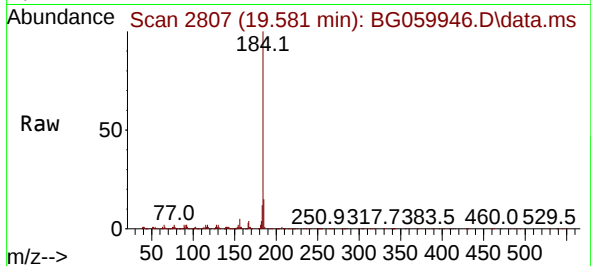




#77
Benzidine
Concen: 48.996 ng
RT: 19.581 min Scan# 2807
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

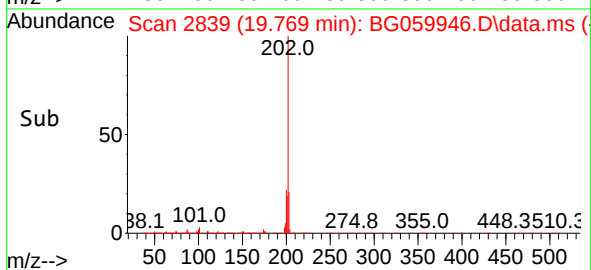
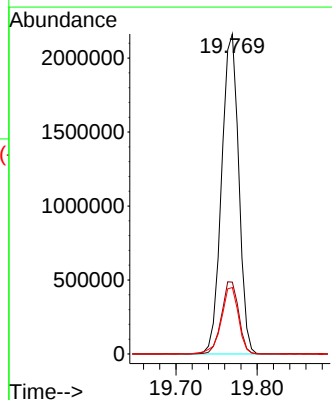
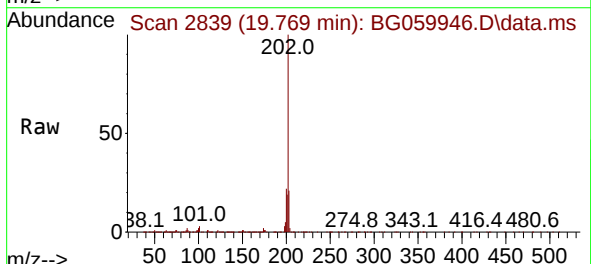
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

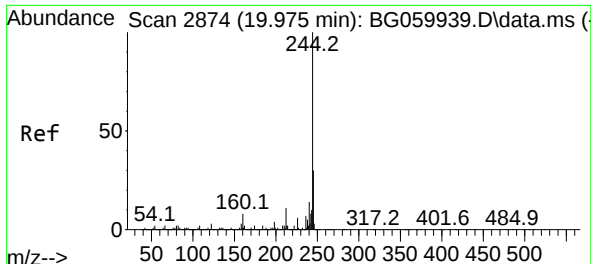
Tgt Ion:184 Resp: 610305
Ion Ratio Lower Upper
184 100
185 15.1 12.0 18.0
183 12.2 9.7 14.5



#78
Pyrene
Concen: 40.319 ng
RT: 19.769 min Scan# 2839
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:202 Resp: 3171219
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 20.8 15.4 23.0

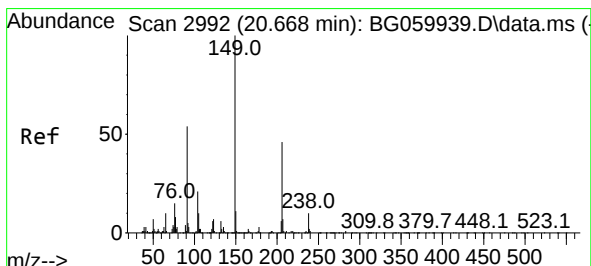
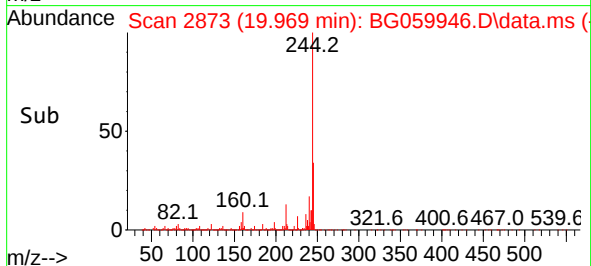
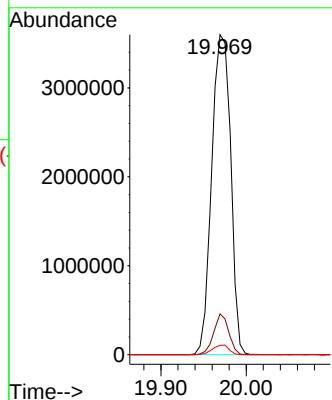
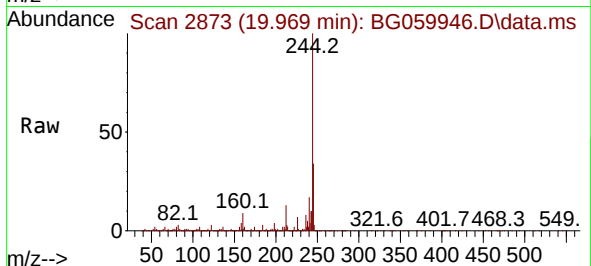




#79
 Terphenyl-d14
 Concen: 64.791 ng
 RT: 19.969 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG059946.D
 Acq: 5 Dec 2023 12:38

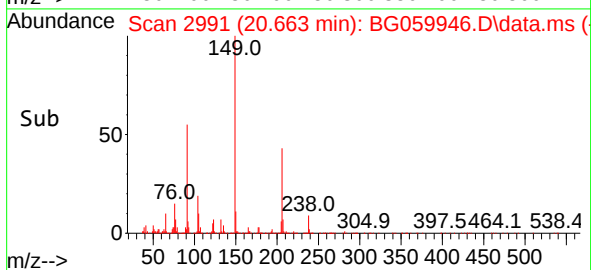
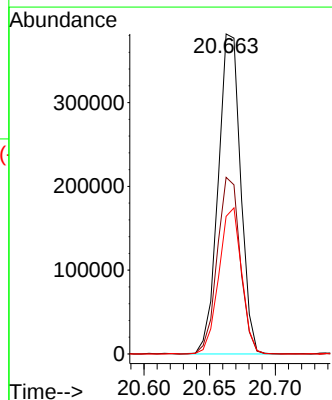
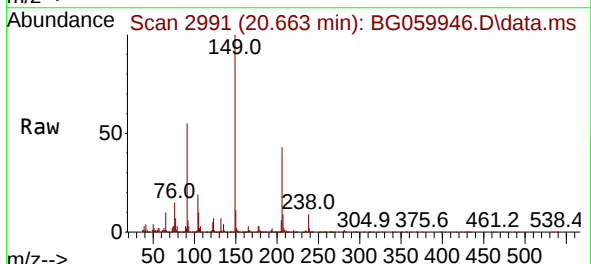
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

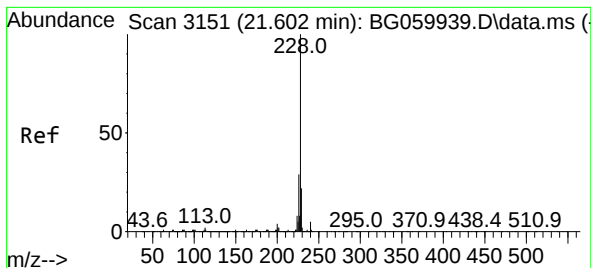
Tgt Ion:244 Resp: 5554686
 Ion Ratio Lower Upper
 244 100
 212 12.8 8.6 13.0
 122 2.9 2.1 3.1



#80
 Butylbenzylphthalate
 Concen: 40.594 ng
 RT: 20.663 min Scan# 2991
 Delta R.T. -0.005 min
 Lab File: BG059946.D
 Acq: 5 Dec 2023 12:38

Tgt Ion:149 Resp: 452919
 Ion Ratio Lower Upper
 149 100
 91 55.2 42.9 64.3
 206 43.0 36.7 55.1





#81

Benzo(a)anthracene

Concen: 39.587 ng

RT: 21.603 min Scan# 3151

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

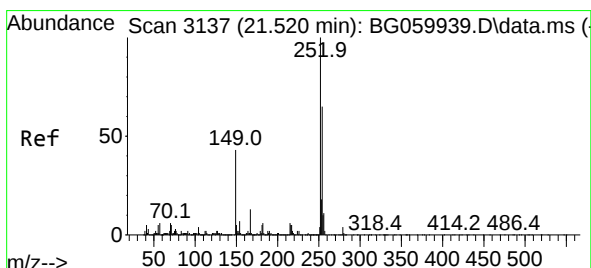
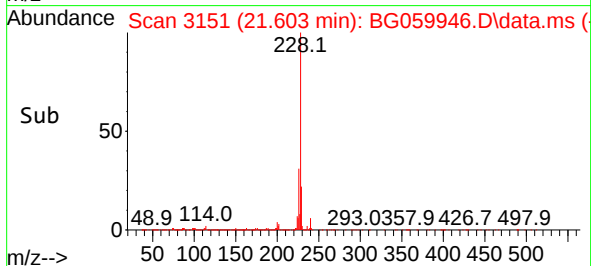
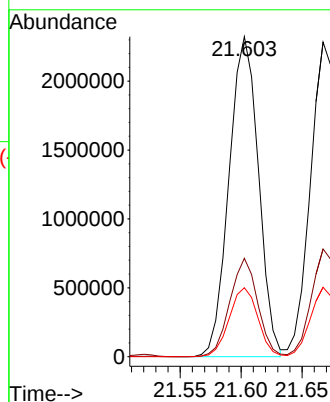
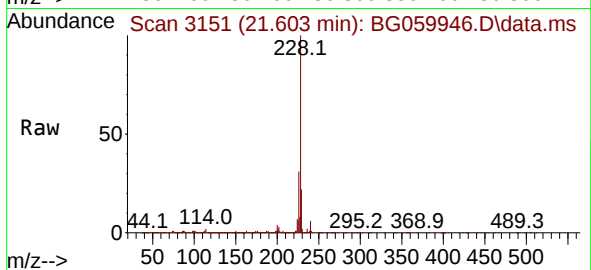
Tgt Ion:228 Resp: 3903626

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.2

229 21.6 17.4 26.2



#82

3,3'-Dichlorobenzidine

Concen: 44.349 ng

RT: 21.520 min Scan# 3137

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

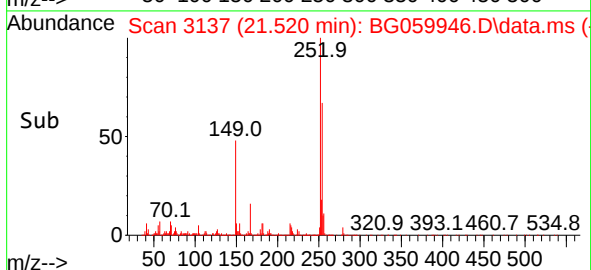
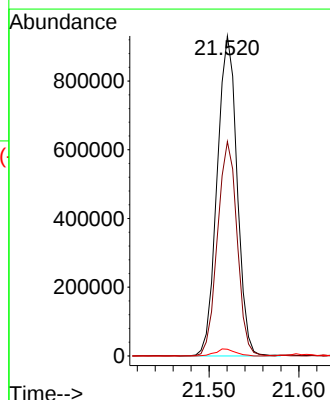
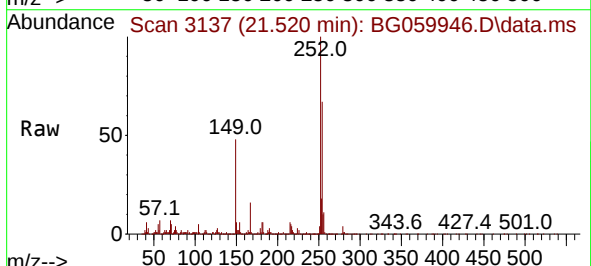
Tgt Ion:252 Resp: 1436264

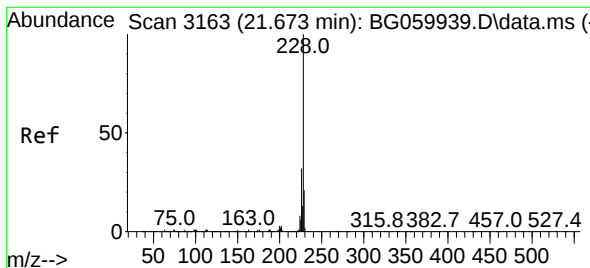
Ion Ratio Lower Upper

252 100

254 67.0 51.9 77.9

126 2.1 1.4 2.2





#83

Chrysene

Concen: 39.687 ng

RT: 21.667 min Scan# 3162

Delta R.T. -0.005 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

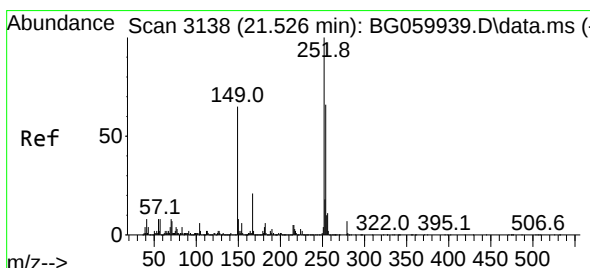
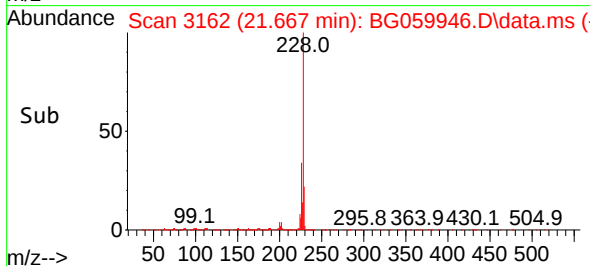
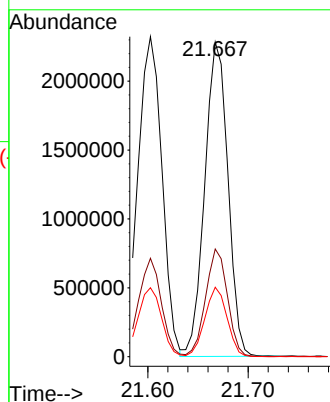
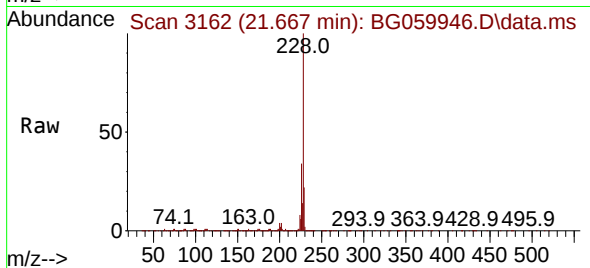
Tgt Ion:228 Resp: 3669119

Ion Ratio Lower Upper

228 100

226 34.2 25.4 38.2

229 22.1 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.878 ng

RT: 21.526 min Scan# 3138

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

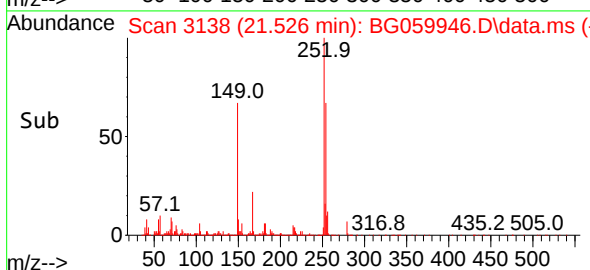
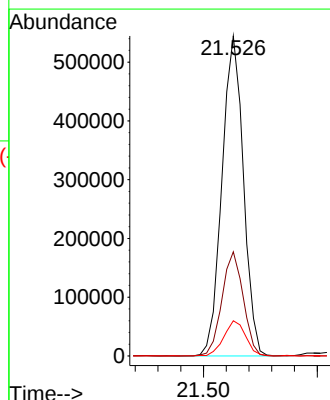
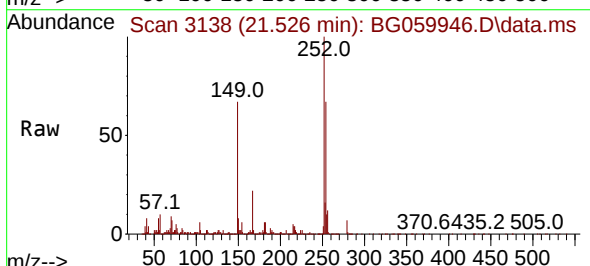
Tgt Ion:149 Resp: 714963

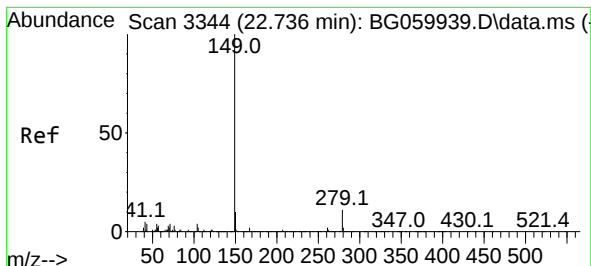
Ion Ratio Lower Upper

149 100

167 32.6 26.1 39.1

279 11.0 8.6 12.8





#85

Di-n-octyl phthalate

Concen: 42.337 ng

RT: 22.737 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

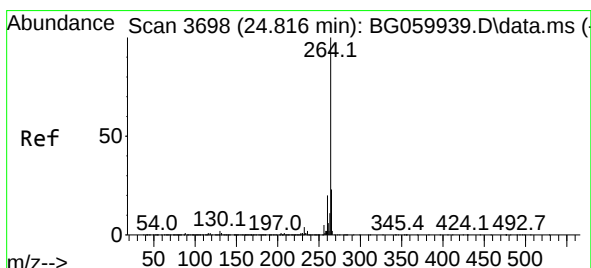
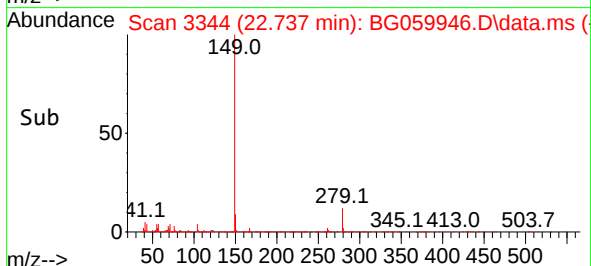
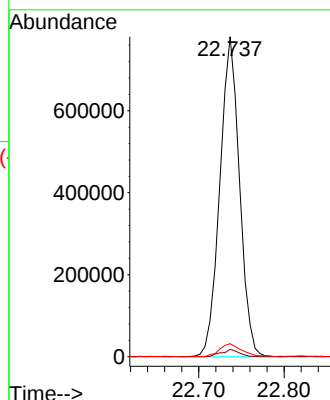
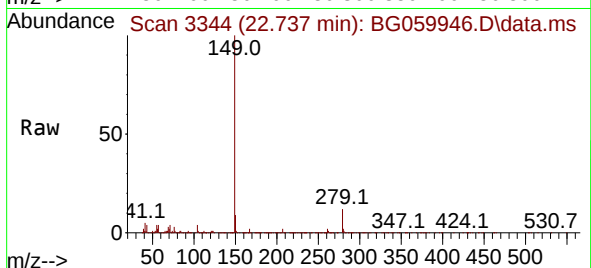
Tgt Ion:149 Resp: 1249131

Ion Ratio Lower Upper

149 100

167 2.1 1.7 2.5

43 4.7 3.6 5.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.817 min Scan# 3698

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

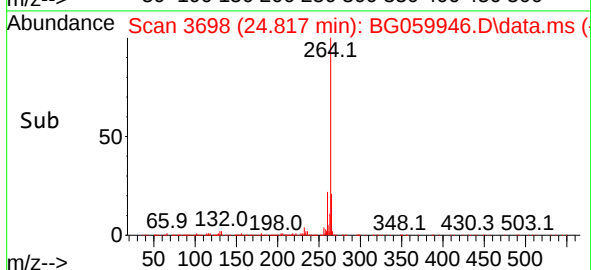
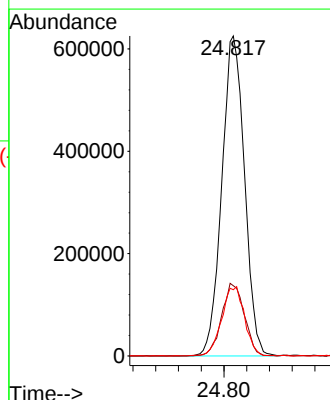
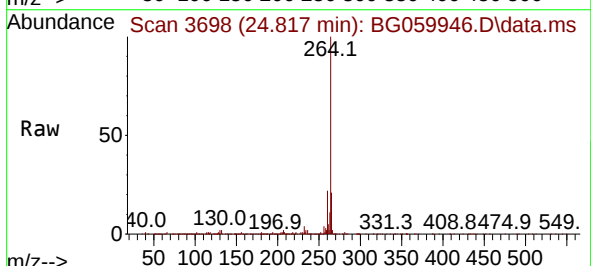
Tgt Ion:264 Resp: 1732255

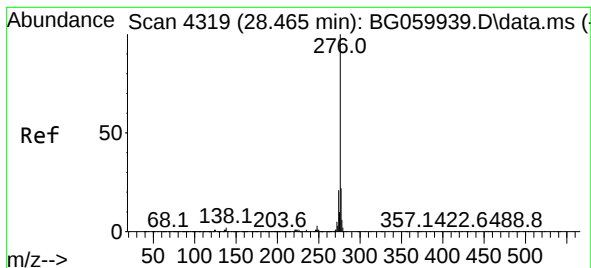
Ion Ratio Lower Upper

264 100

260 22.0 15.8 23.6

265 20.7 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.587 ng

RT: 28.459 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

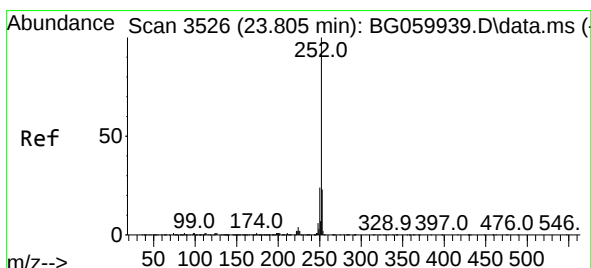
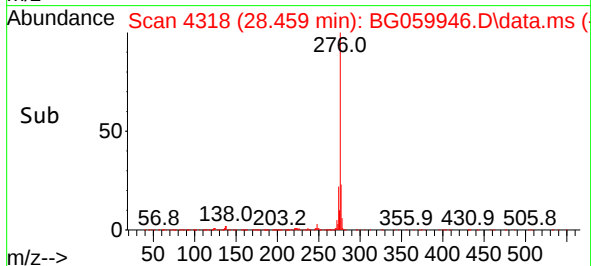
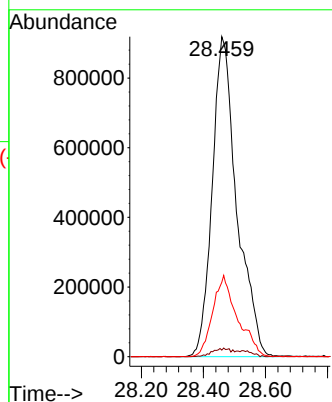
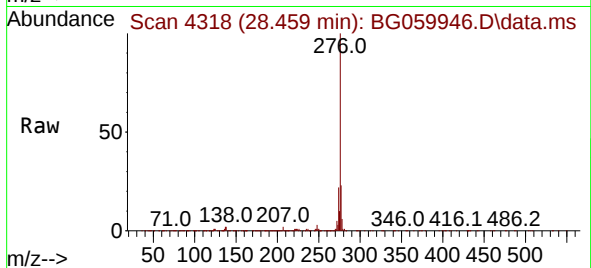
Tgt Ion:276 Resp: 5063736

Ion Ratio Lower Upper

276 100

138 1.1 0.0 0.0#

277 25.5 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 38.685 ng

RT: 23.876 min Scan# 3538

Delta R.T. 0.071 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

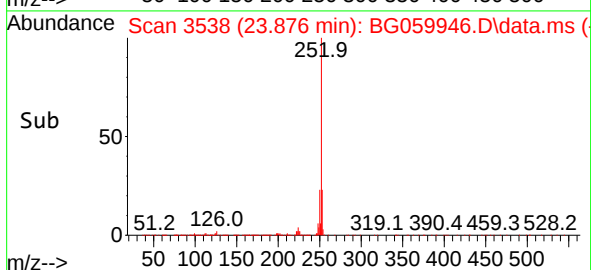
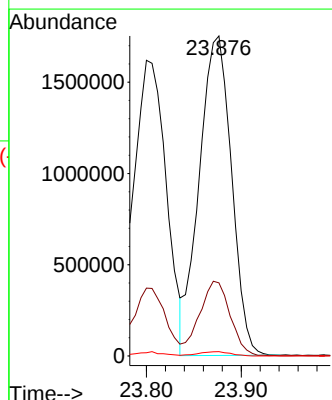
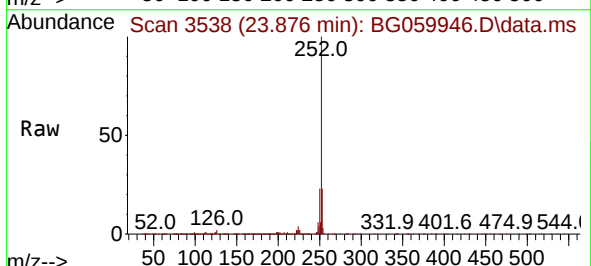
Tgt Ion:252 Resp: 4142005

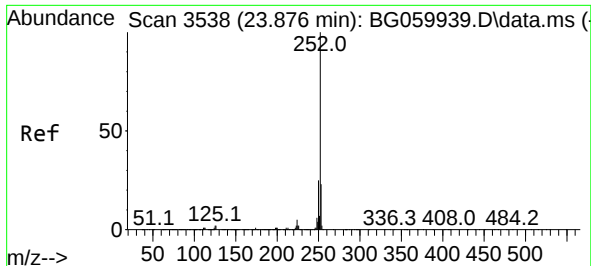
Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

125 1.4 1.2 1.8

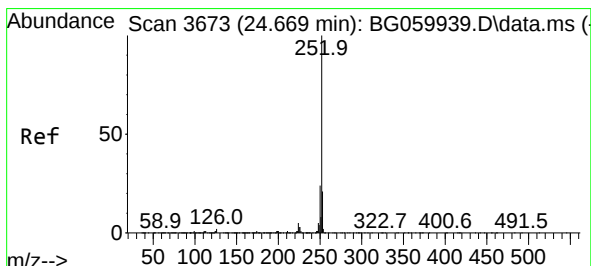
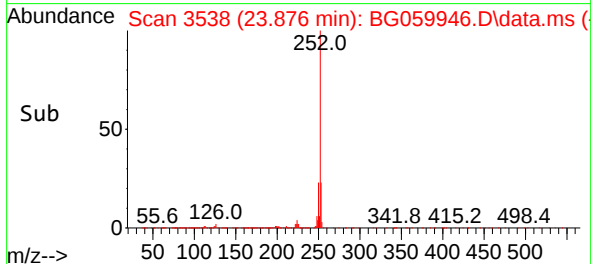
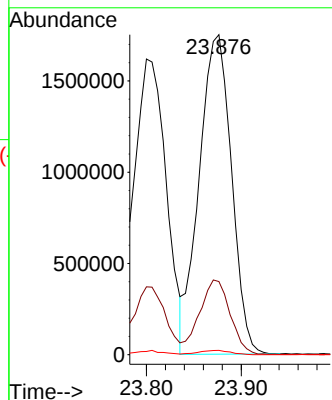
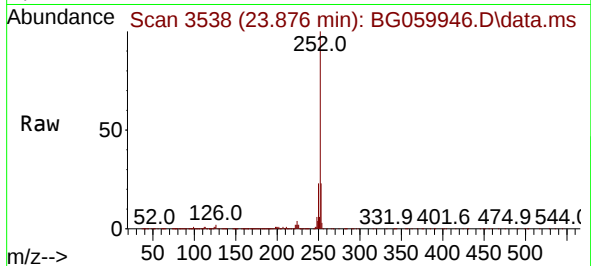




#89
Benzo(k)fluoranthene
Concen: 39.701 ng
RT: 23.876 min Scan# 3538
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

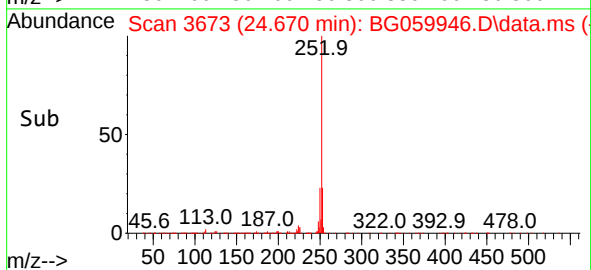
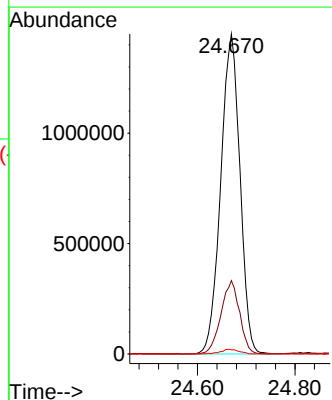
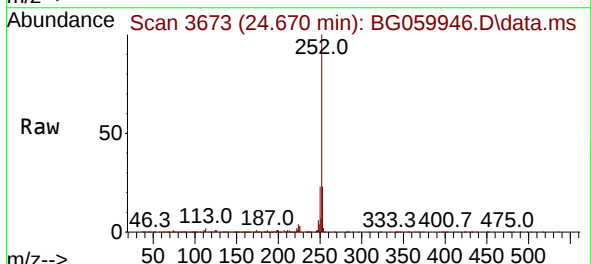
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

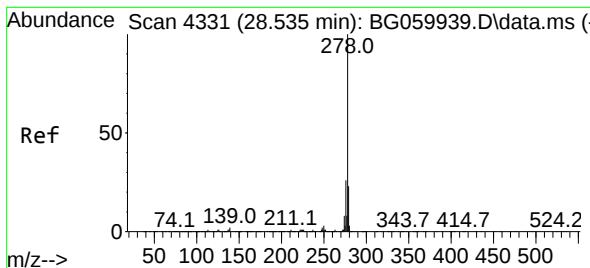
Tgt Ion:252 Resp: 4142005
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 1.4 1.3 1.9



#90
Benzo(a)pyrene
Concen: 41.571 ng
RT: 24.670 min Scan# 3673
Delta R.T. 0.001 min
Lab File: BG059946.D
Acq: 5 Dec 2023 12:38

Tgt Ion:252 Resp: 3975156
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 1.3 0.9 1.3





#91

Dibenzo(a,h)anthracene

Concen: 39.519 ng

RT: 28.536 min Scan# 41

Delta R.T. 0.001 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

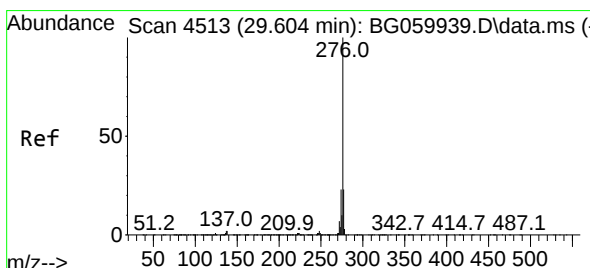
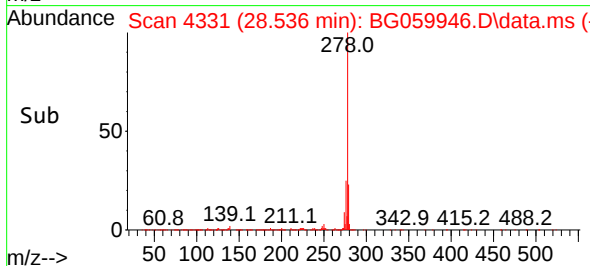
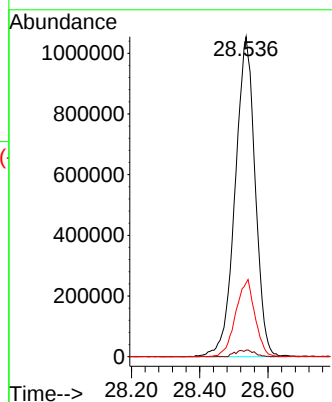
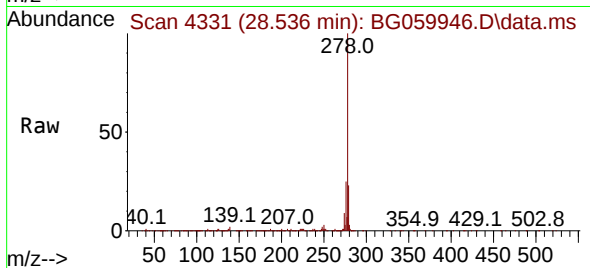
Tgt Ion:278 Resp: 4292017

Ion Ratio Lower Upper

278 100

139 2.0 1.7 2.5

279 23.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 39.323 ng

RT: 29.611 min Scan# 4514

Delta R.T. 0.006 min

Lab File: BG059946.D

Acq: 5 Dec 2023 12:38

Tgt Ion:276 Resp: 4130372

Ion Ratio Lower Upper

276 100

277 22.8 18.1 27.1

138 3.0 1.6 2.4#

