

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101723\
 Data File : BG059470.D
 Acq On : 17 Oct 2023 23:45
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV419

Quant Time: Oct 18 04:36:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 18 04:32:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.189	152	28630	20.000	ng/ul	0.00
20) Naphthalene-d8	11.033	136	129842	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.828	164	81933	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.578	188	191315	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.873	240	217713	20.000	ng/ul	0.00
88) Perylene-d12	25.316	264	209370	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.477	96	3586	4.406	ng/uL	0.00
4) Pyridine-d5	3.917	84	62380	18.108	ng/ul	0.00
7) Phenol-d5	7.319	99	60848	20.141	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	34348	20.147	ng/ul	0.00
11) 2-Chlorophenol-d4	7.707	132	47102	21.246	ng/ul	0.00
15) 4-Methylphenol-d8	8.882	113	47080	20.918	ng/ul	0.00
21) Nitrobenzene-d5	9.387	128	21802	22.038	ng/ul	0.00
24) 2-Nitrophenol-d4	10.104	143	24102	22.421	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.639	165	46164	21.728	ng/ul	0.00
31) 4-Chloroaniline-d4	11.174	131	66760	20.413	ng/ul	0.00
46) Dimethylphthalate-d6	14.223	166	138861	20.720	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	168200	20.752	ng/ul	0.00
54) 4-Nitrophenol-d4	15.022	143	25494	21.539	ng/ul	0.00
60) Fluorene-d10	15.815	176	129371	21.094	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.933	200	24814	22.038	ng/ul	0.00
73) Anthracene-d10	17.678	188	201744	19.952	ng/ul	0.00
81) Pyrene-d10	19.951	212	231725	16.948	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.069	264	230695	20.109	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.518	88	7469	7.585	ng/uL	88
5) Pyridine	3.941	79	65029	18.279	ng/ul	97
6) Benzaldehyde	7.337	77	30985	23.718	ng/ul	91
8) Phenol	7.343	94	59117	20.099	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.607	93	47153	20.083	ng/ul#	87
12) 2-Chlorophenol	7.742	128	46153	20.305	ng/ul	95
13) 2-Methylphenol	8.618	108	43998	19.791	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.694	45	50247	10.339	ng/ul	97
16) Acetophenone	9.035	105	73255	21.230	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.000	70	34809	21.939	ng/ul#	95
18) 4-Methylphenol	8.953	108	47326	19.908	ng/ul	92
19) Hexachloroethane	9.270	117	17730	20.692	ng/ul#	82
22) Nitrobenzene	9.434	77	51155	23.506	ng/ul	95
23) Isophorone	9.934	82	101672	20.386	ng/ul	98
25) 2-Nitrophenol	10.139	139	27130	24.288	ng/ul#	89
26) 2,4-Dimethylphenol	10.163	107	47111	21.278	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.421	93	63412	19.452	ng/ul	98
29) 2,4-Dichlorophenol	10.662	162	45732	21.433	ng/ul	91
30) Naphthalene	11.085	128	159156	20.300	ng/ul	99
32) 4-Chloroaniline	11.197	127	62668	20.097	ng/ul	91
33) Hexachlorobutadiene	11.309	225	28845	22.135	ng/ul	95
34) Caprolactam	11.978	113	13481	21.845	ng/ul	92
35) 4-Chloro-3-methylphenol	12.284	107	42945	22.834	ng/ul	92
36) 2-Methylnaphthalene	12.666	142	105682	22.720	ng/ul	96

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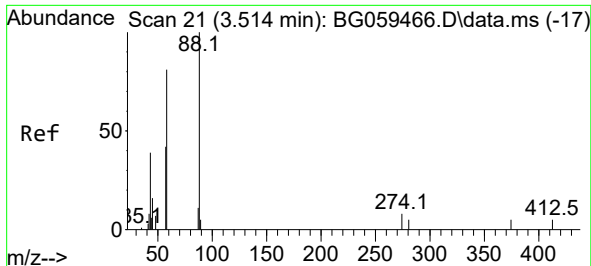
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.889	142	105401	21.697	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	13.013	216	53335	20.674	ng/ul	92
40) Hexachlorocyclopentadiene	12.966	237	30295	18.779	ng/ul#	85
41) 2,4,6-Trichlorophenol	13.259	196	34914	22.358	ng/ul	94
42) 2,4,5-Trichlorophenol	13.330	196	36174	21.754	ng/ul	98
43) 1,1'-Biphenyl	13.665	154	149231	21.417	ng/ul	92
44) 2-Chloronaphthalene	13.718	162	109971	21.043	ng/ul	95
45) 2-Nitroaniline	13.941	65	30282	21.445	ng/ul	95
47) Dimethylphthalate	14.270	163	138015	20.428	ng/ul#	95
48) 2,6-Dinitrotoluene	14.417	165	26651	22.593	ng/ul	97
50) Acenaphthylene	14.558	152	180124	20.471	ng/ul	99
51) 3-Nitroaniline	14.758	138	29740	21.691	ng/ul#	86
52) Acenaphthene	14.893	153	122473	20.397	ng/ul	95
53) 2,4-Dinitrophenol	14.957	184	13829	20.941	ng/ul	91
55) 4-Nitrophenol	15.034	109	17577	20.974	ng/ul	92
56) Dibenzofuran	15.228	168	163619	20.541	ng/ul	99
57) 2,4-Dinitrotoluene	15.198	165	40336	22.892	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.439	232	32576	21.700	ng/ul	92
59) Diethylphthalate	15.615	149	130176	21.488	ng/ul	98
61) Fluorene	15.868	166	138221	21.467	ng/ul	88
62) 4-Chlorophenyl-phenyle...	15.856	204	67554	20.341	ng/ul	95
63) 4-Nitroaniline	15.921	138	28659	21.925	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.944	198	25667	21.767	ng/ul#	86
67) N-Nitrosodiphenylamine	16.080	169	117303	20.116	ng/ul	97
68) 4-Bromophenyl-phenylether	16.755	248	43688	20.514	ng/ul	94
69) Hexachlorobenzene	16.843	284	48903	20.377	ng/ul	91
70) Atrazine	17.008	200	42476	19.668	ng/ul	96
71) Pentachlorophenol	17.202	266	27310	20.193	ng/ul	89
72) Phenanthrene	17.619	178	242526	20.366	ng/ul	96
74) Anthracene	17.713	178	249436	20.374	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.624	216	55328	19.487	ng/ul	89
76) Pentachlorobenzene	15.122	250	56602	19.337	ng/ul	94
77) Carbazole	17.989	167	212835	20.528	ng/ul	97
78) Di-n-butylphthalate	18.494	149	245043	21.119	ng/ul#	98
80) Fluoranthene	19.617	202	279497	17.148	ng/ul	99
82) Pyrene	19.981	202	292821	16.698	ng/ul	99
83) Butylbenzylphthalate	20.833	149	104692	17.930	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.767	252	128333	21.594	ng/ul	99
85) Benzo(a)anthracene	21.849	228	355631	20.508	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.679	149	158098	18.130	ng/ul	95
87) Chrysene	21.920	228	336029	20.552	ng/ul	99
89) Di-n-octyl phthalate	22.960	149	315980	26.368	ng/ul	100
90) Benzo(b)fluoranthene	24.270	252	296313	20.976	ng/ul	98
91) Benzo(k)fluoranthene	24.270	252	297603	20.636	ng/ul	98
93) Benzo(a)pyrene	25.151	252	280072	20.675	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.282	276	302064	19.426	ng/ul	97
95) Dibenzo(a,h)anthracene	29.358	278	248176	19.065	ng/ul	99
96) Benzo(g,h,i)perylene	30.551	276	148812	10.953	ng/ul#	91

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

SICV419

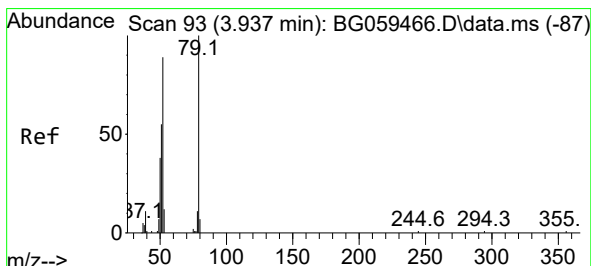
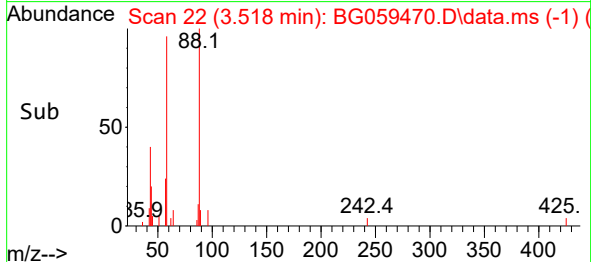
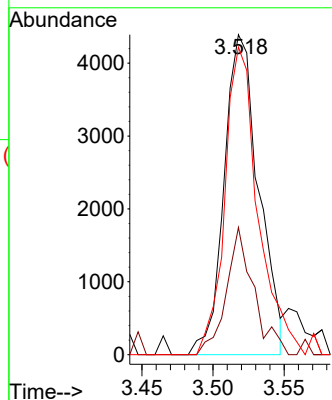
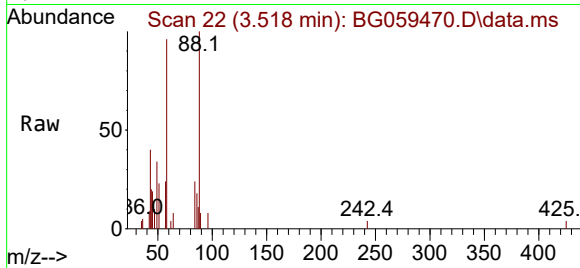
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#2
1,4-Dioxane
Concen: 7.585 ng/uL
RT: 3.518 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG059470.D
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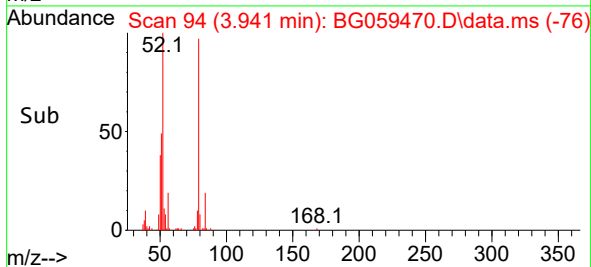
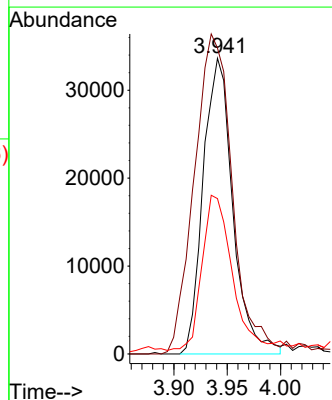
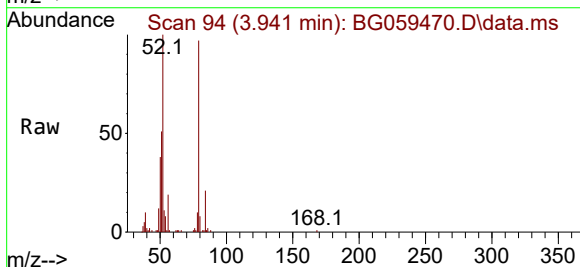
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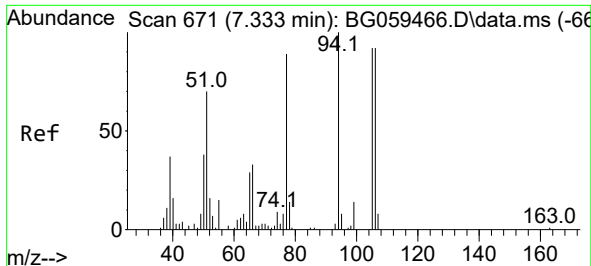
Tgt Ion: 88 Resp: 7469
Ion Ratio Lower Upper
88 100
43 39.7 30.8 46.2
58 96.1 65.0 97.4



#5
Pyridine
Concen: 18.279 ng/uL
RT: 3.941 min Scan# 94
Delta R.T. 0.004 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion: 79 Resp: 65029
Ion Ratio Lower Upper
79 100
52 103.4 80.9 121.3
51 52.5 45.0 67.4

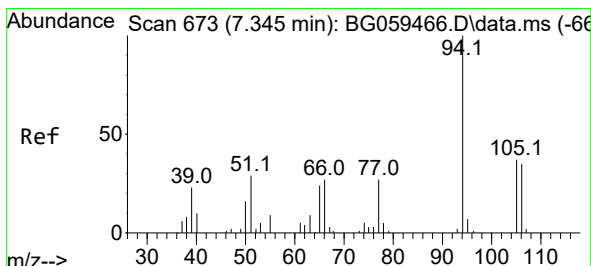
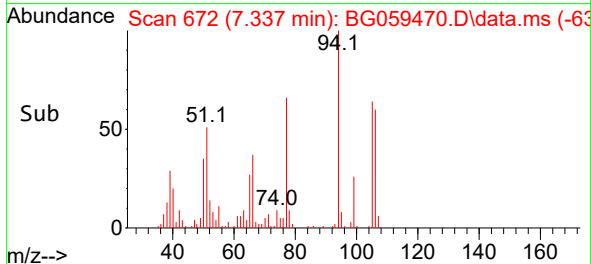
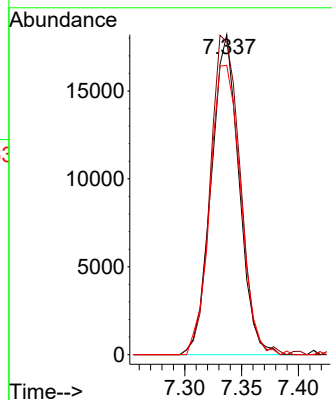
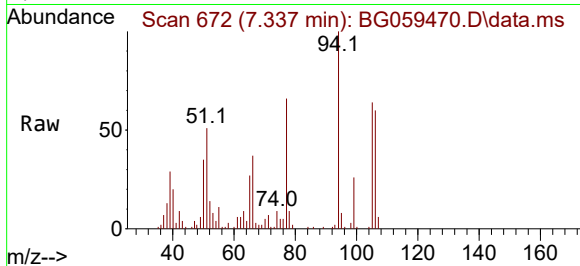




#6
Benzaldehyde
Concen: 23.718 ng/ul
RT: 7.337 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

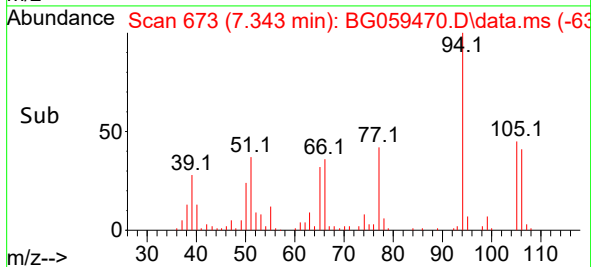
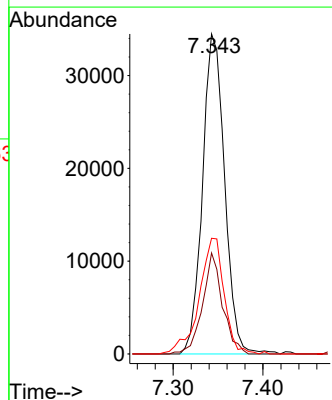
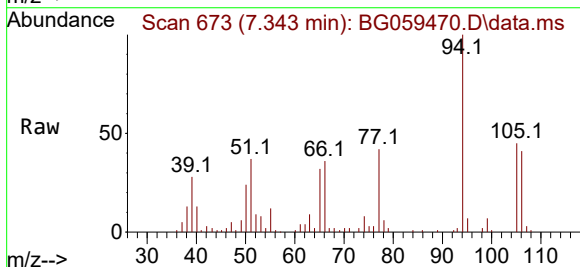
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ClientSampleId :
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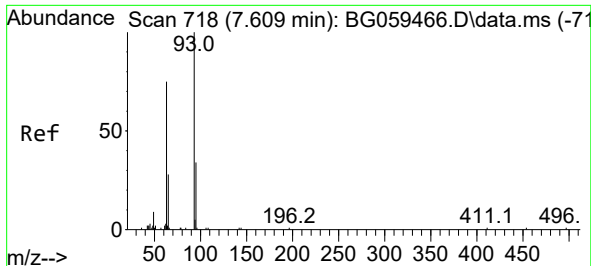
Tgt Ion: 77 Resp: 30985
Ion Ratio Lower Upper
77 100
105 97.8 83.0 124.6
106 90.4 82.8 124.2



#8
Phenol
Concen: 20.099 ng/ul
RT: 7.343 min Scan# 673
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion: 94 Resp: 59117
Ion Ratio Lower Upper
94 100
65 31.6 19.7 29.5#
66 36.2 24.5 36.7

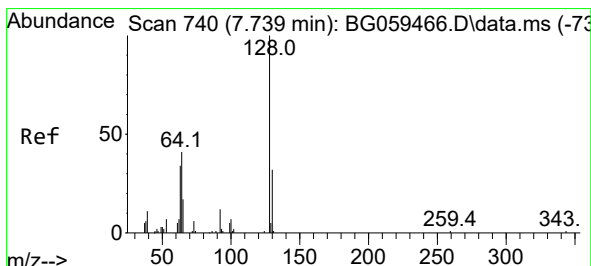
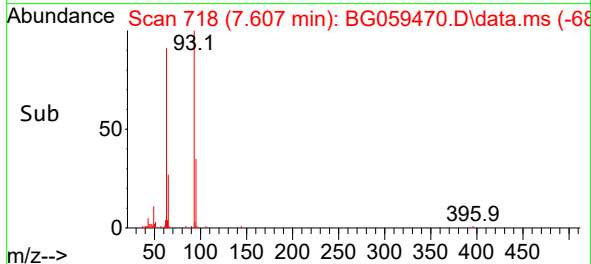
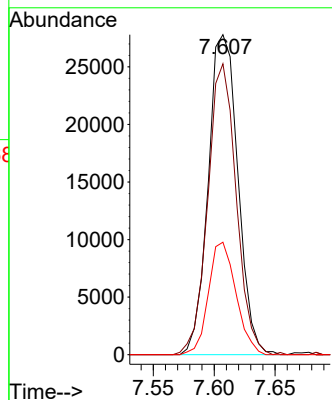
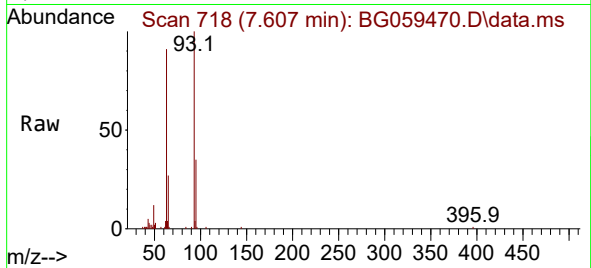




#10
Bis(2-Chloroethyl)ether
Concen: 20.083 ng/ul
RT: 7.607 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

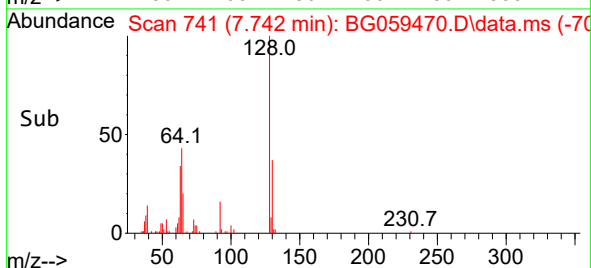
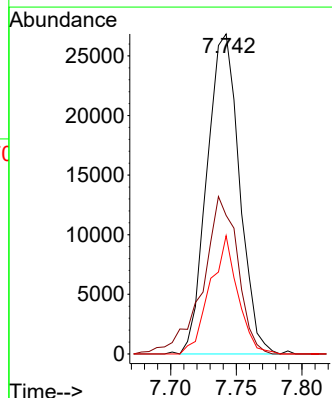
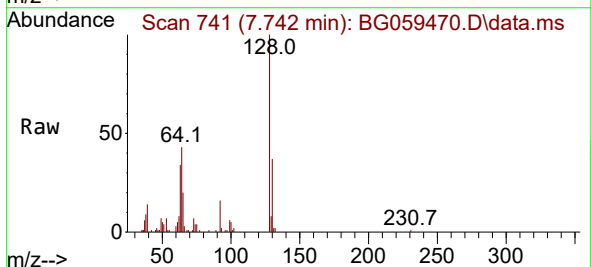
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ClientSampleId :
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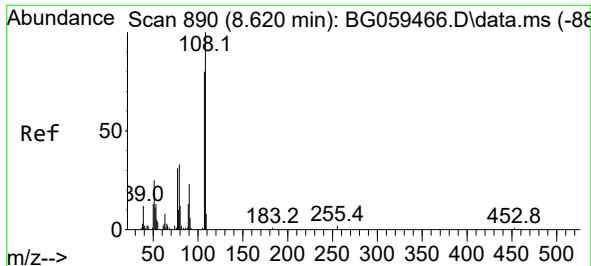
Tgt Ion: 93 Resp: 47153
Ion Ratio Lower Upper
93 100
63 90.9 60.0 90.0#
95 35.2 27.6 41.4



#12
2-Chlorophenol
Concen: 20.305 ng/ul
RT: 7.742 min Scan# 741
Delta R.T. 0.004 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:128 Resp: 46153
Ion Ratio Lower Upper
128 100
64 43.3 36.8 55.2
130 37.0 26.6 40.0

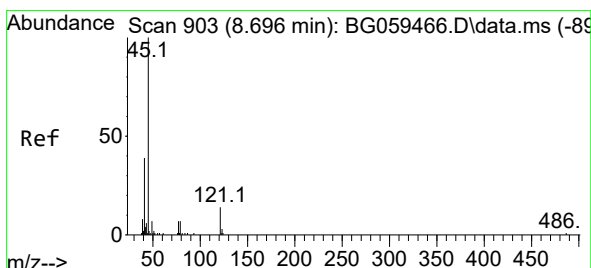
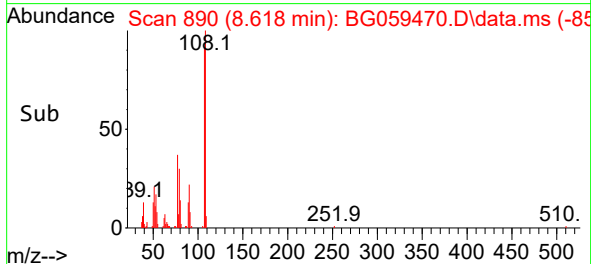
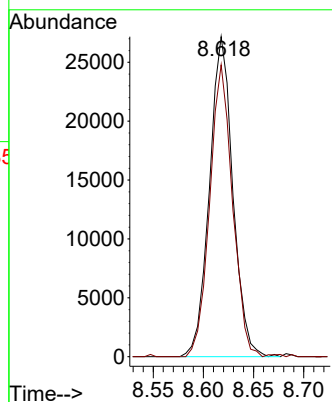
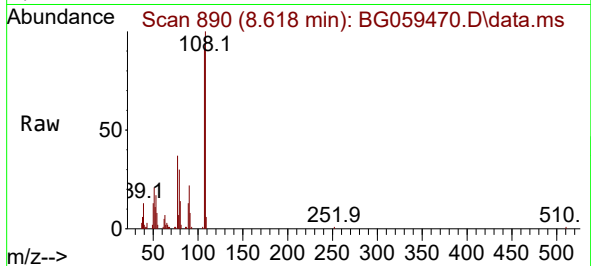




#13
2-Methylphenol
Concen: 19.791 ng/ul
RT: 8.618 min Scan# 890
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

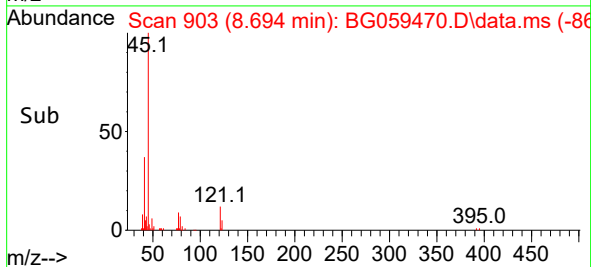
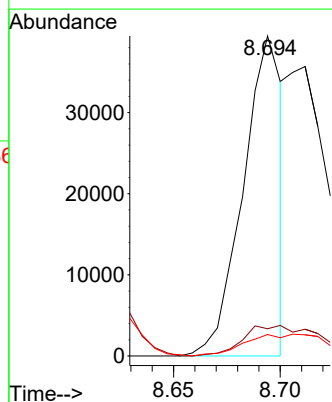
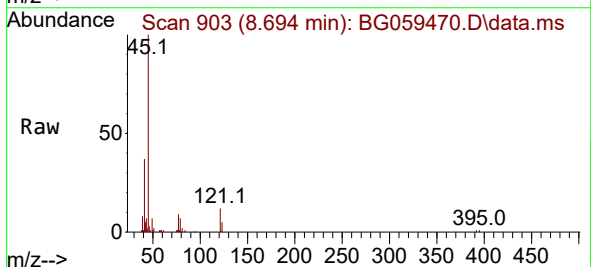
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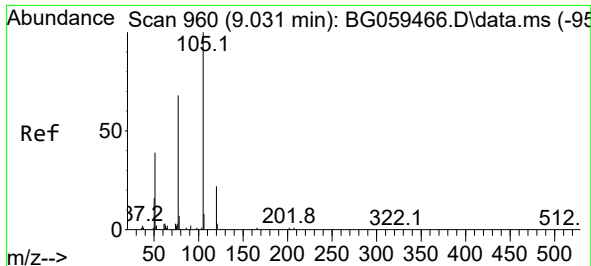
Tgt Ion:108 Resp: 43998
Ion Ratio Lower Upper
108 100
107 91.2 64.4 96.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 10.339 ng/ul
RT: 8.694 min Scan# 903
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion: 45 Resp: 50247
Ion Ratio Lower Upper
45 100
77 8.5 6.4 9.6
79 6.7 6.4 9.6

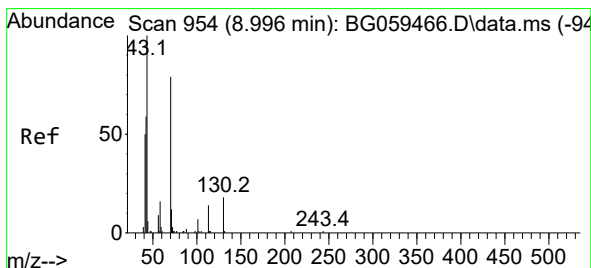
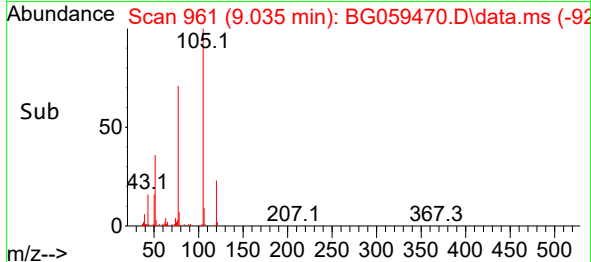
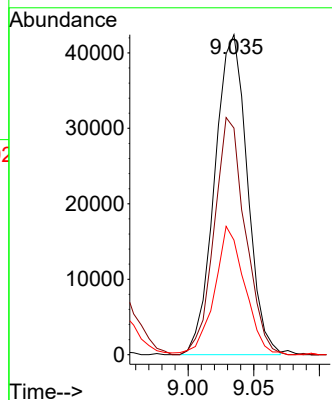
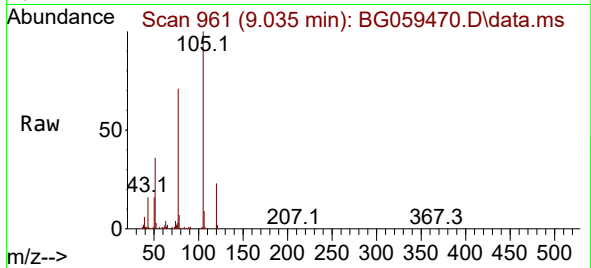




#16
Acetophenone
Concen: 21.230 ng/ul
RT: 9.035 min Scan# 90
Delta R.T. 0.004 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

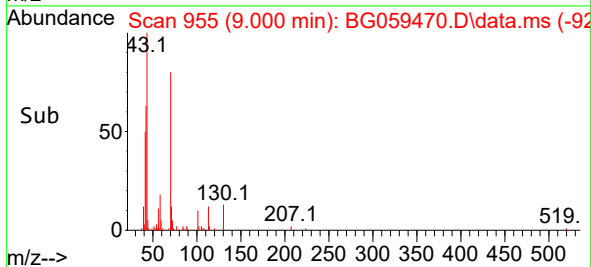
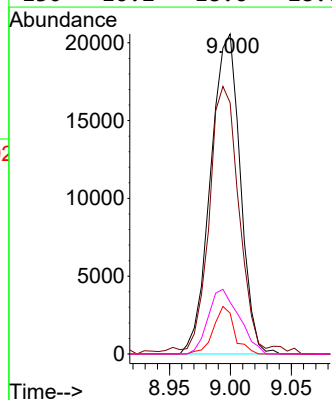
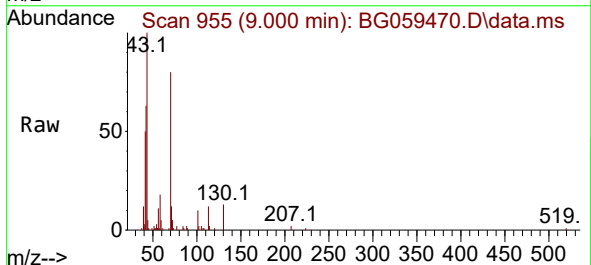
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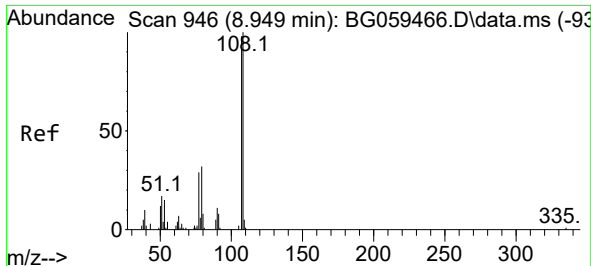
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51 35.8 31.6 47.4



#17
N-Nitroso-di-n-propylamine
Concen: 21.939 ng/ul
RT: 9.000 min Scan# 955
Delta R.T. 0.004 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion: 70 Resp: 34809
Ion Ratio Lower Upper
70 100
42 78.5 62.1 93.1
101 12.7 7.3 10.9#
130 16.2 18.6 28.0#

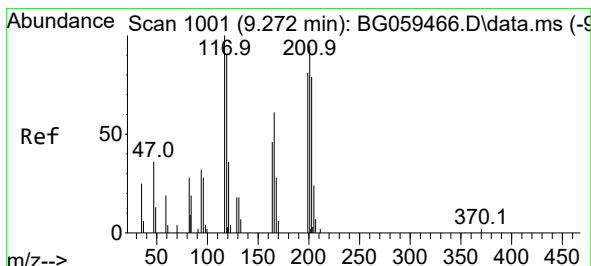
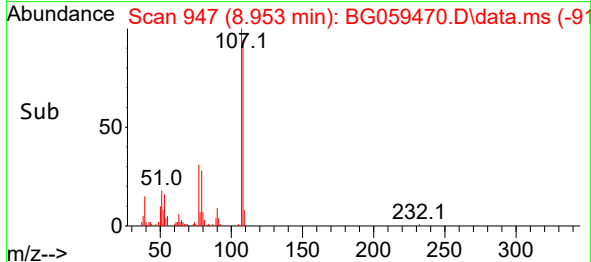
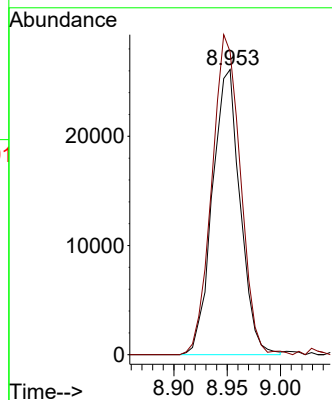
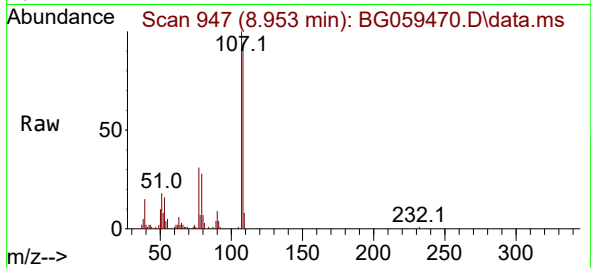




#18
4-Methylphenol
Concen: 19.908 ng/ul
RT: 8.953 min Scan# 946
Delta R.T. 0.004 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

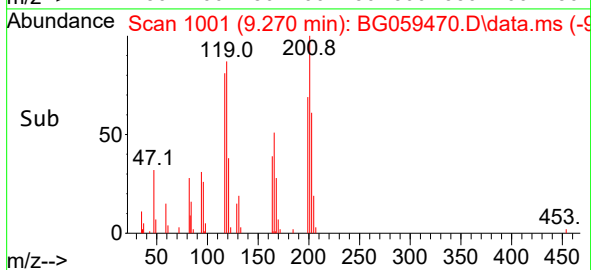
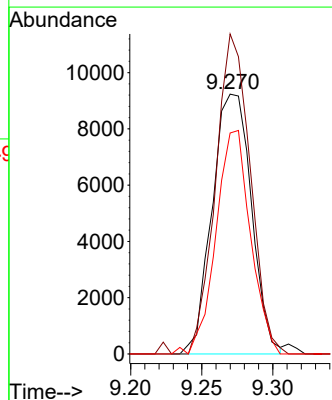
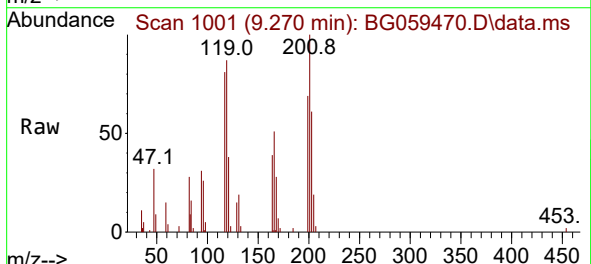
Instrument :
BNA_G
ClientSampleId :
SICV419

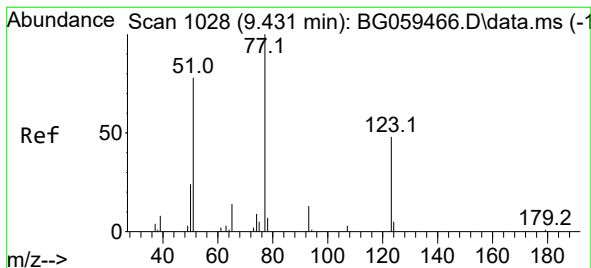
Tgt Ion:108 Resp: 47326
Ion Ratio Lower Upper
108 100
107 106.2 78.7 118.1



#19
Hexachloroethane
Concen: 20.692 ng/ul
RT: 9.270 min Scan# 1001
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:117 Resp: 17730
Ion Ratio Lower Upper
117 100
201 123.1 76.1 114.1#
199 85.0 65.0 97.4

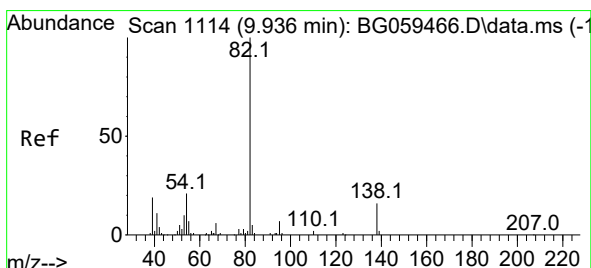
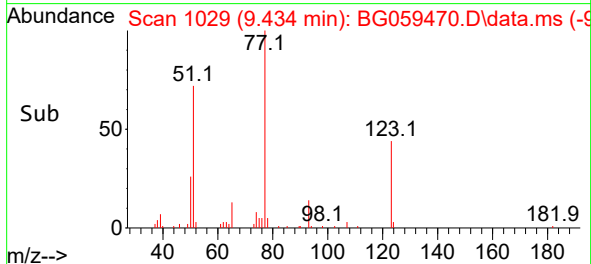
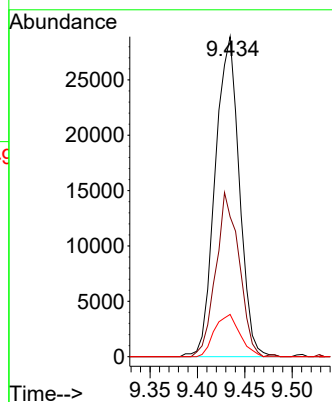
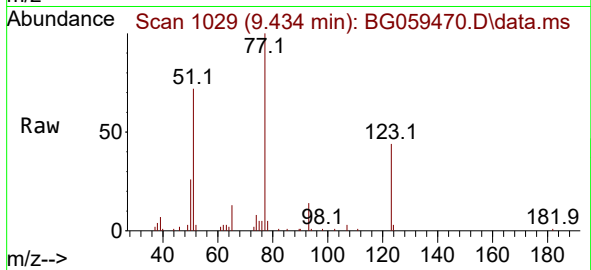




#22
Nitrobenzene
Concen: 23.506 ng/ul
RT: 9.434 min Scan# 1028
Delta R.T. 0.004 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

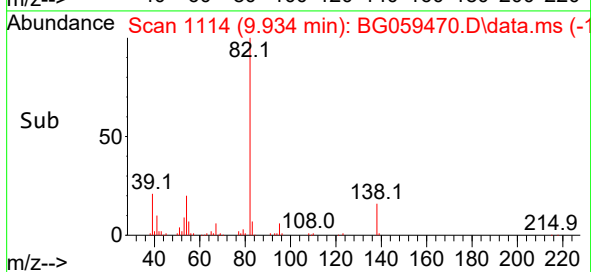
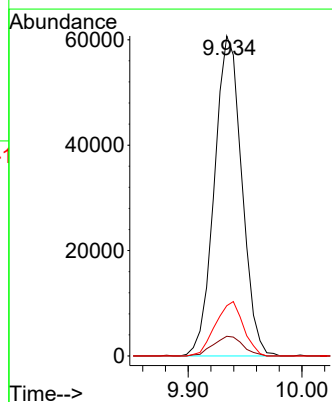
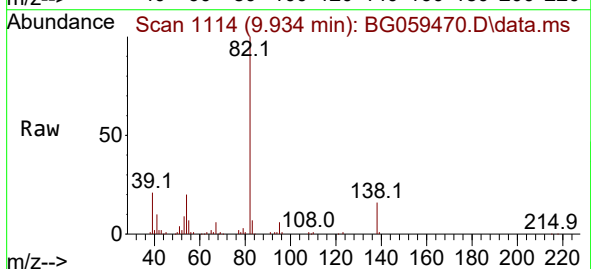
Instrument :
BNA_G
ClientSampleId :
SICV419

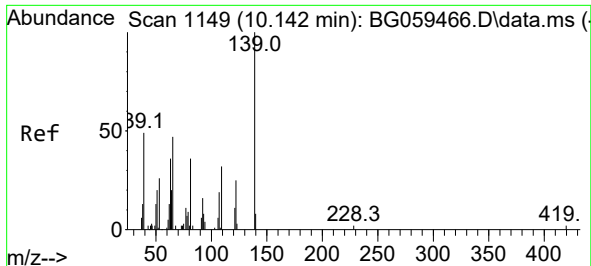
Tgt Ion: 77 Resp: 51155
Ion Ratio Lower Upper
77 100
123 43.7 38.5 57.7
65 13.2 11.1 16.7



#23
Isophorone
Concen: 20.386 ng/ul
RT: 9.934 min Scan# 1114
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion: 82 Resp: 101672
Ion Ratio Lower Upper
82 100
95 6.1 5.6 8.4
138 15.7 13.0 19.6

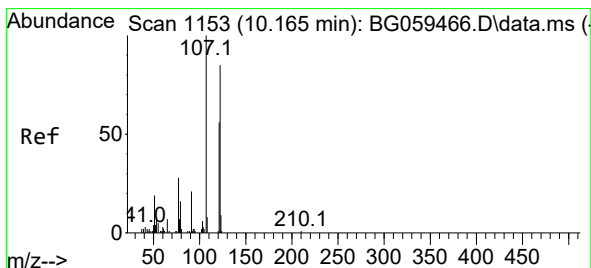
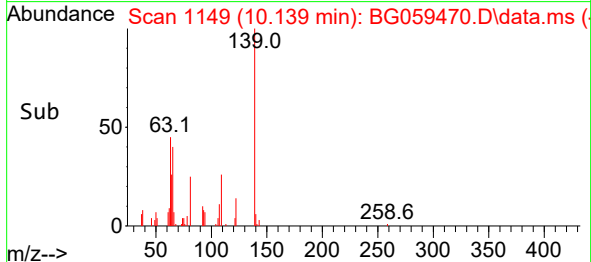
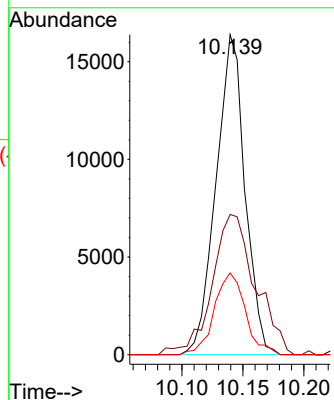
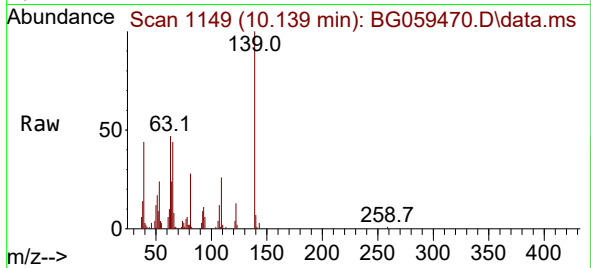




#25
2-Nitrophenol
Concen: 24.288 ng/ul
RT: 10.139 min Scan# 1149
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

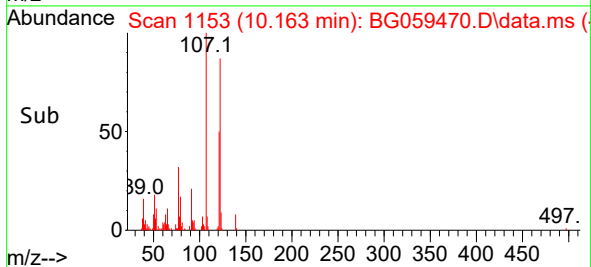
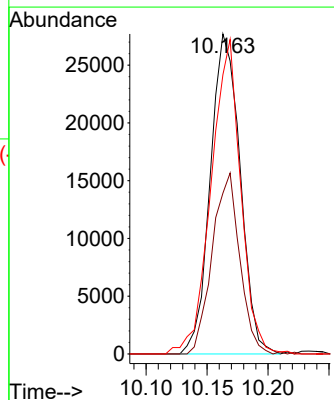
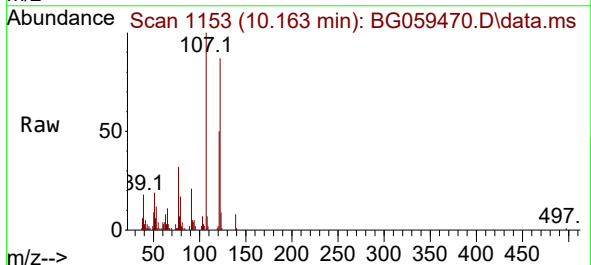
Instrument :
BNA_G
ClientSampleId :
SICV419

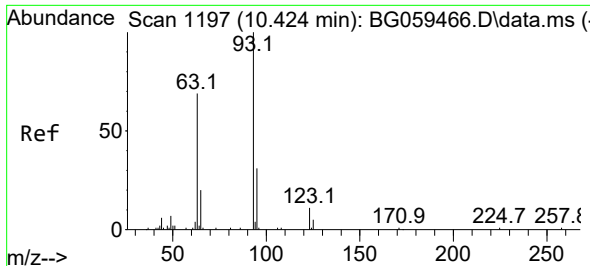
Tgt Ion:139 Resp: 27130
Ion Ratio Lower Upper
139 100
65 43.8 40.5 60.7
109 25.6 25.7 38.5#



#26
2,4-Dimethylphenol
Concen: 21.278 ng/ul
RT: 10.163 min Scan# 1153
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:107 Resp: 47111
Ion Ratio Lower Upper
107 100
121 50.2 44.9 67.3
122 87.2 69.6 104.4

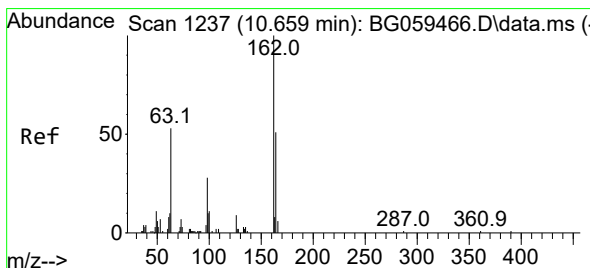
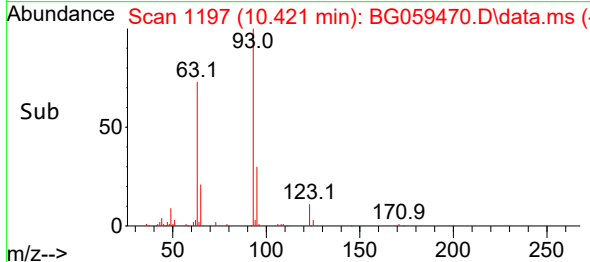
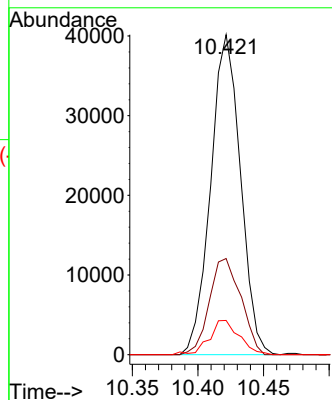
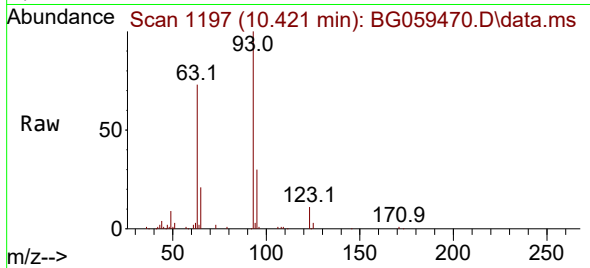




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.452 ng/ul
 RT: 10.421 min Scan# 1197
 Delta R.T. -0.002 min
 Lab File: BG059470.D
 Acq: 17 Oct 2023 23:45

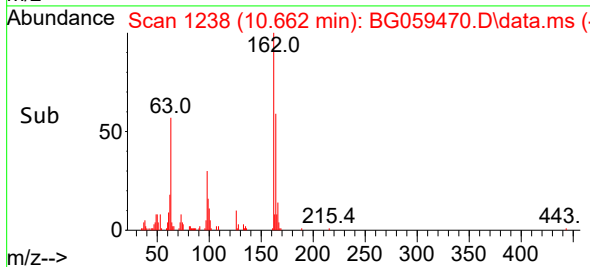
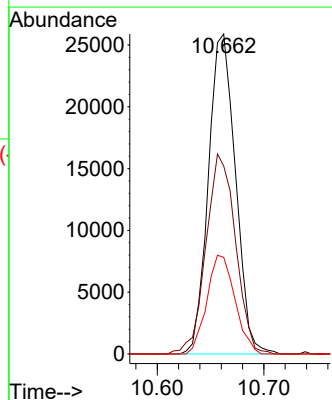
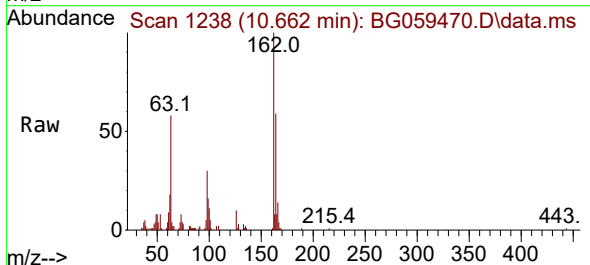
Instrument :
 BNA_G
 ClientSampleId :
 SICV419

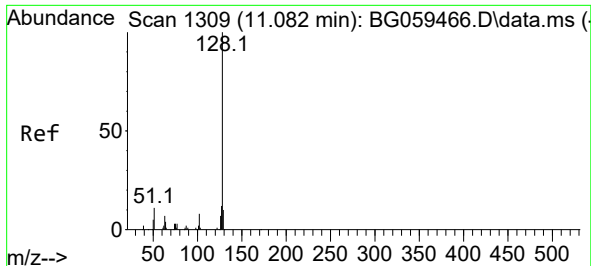
Tgt Ion: 93 Resp: 63412
 Ion Ratio Lower Upper
 93 100
 95 30.0 24.8 37.2
 123 10.7 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 21.433 ng/ul
 RT: 10.662 min Scan# 1238
 Delta R.T. 0.004 min
 Lab File: BG059470.D
 Acq: 17 Oct 2023 23:45

Tgt Ion:162 Resp: 45732
 Ion Ratio Lower Upper
 162 100
 164 58.8 40.9 61.3
 98 30.2 22.2 33.4

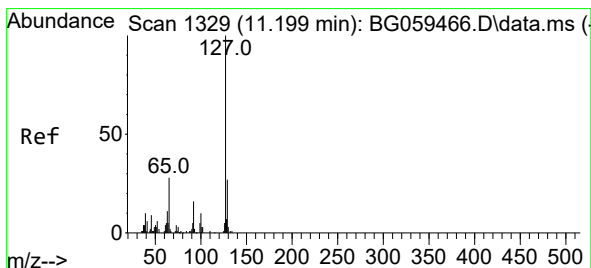
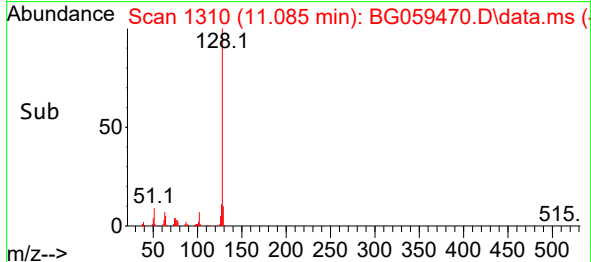
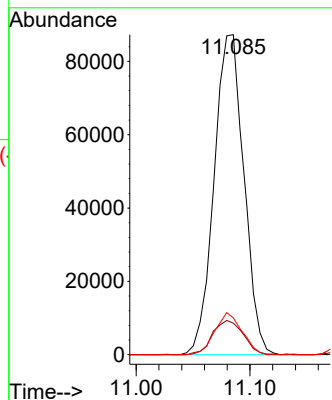
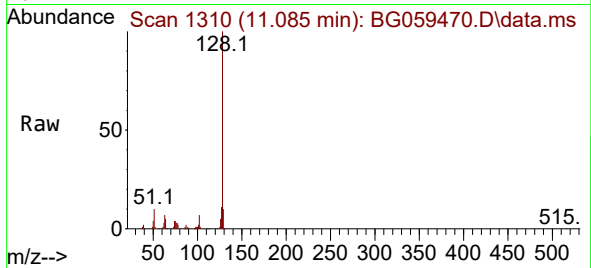




#30
Naphthalene
Concen: 20.300 ng/ul
RT: 11.085 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

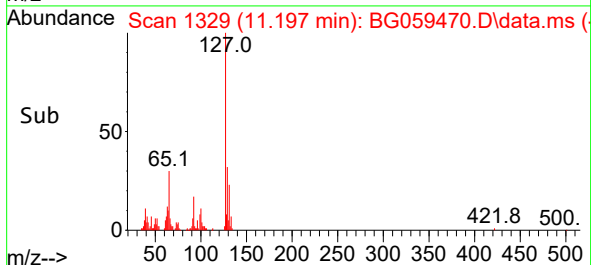
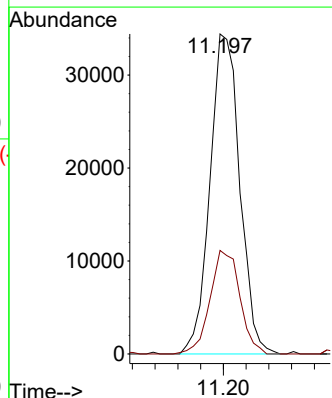
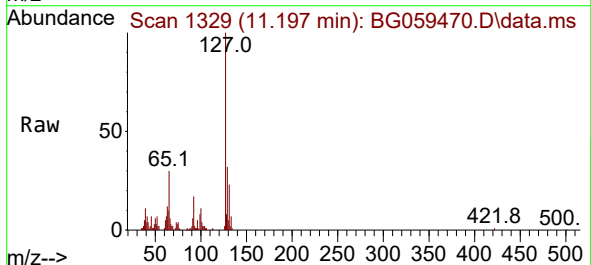
Instrument :
BNA_G
ClientSampleId :
SICV419

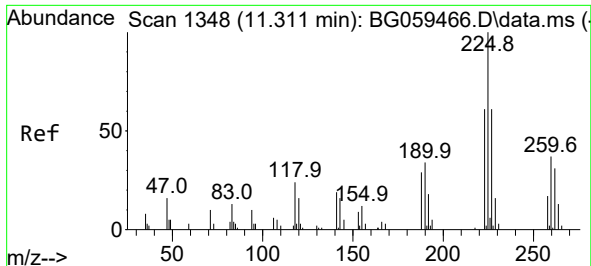
Tgt Ion:128 Resp: 159156
Ion Ratio Lower Upper
128 100
129 9.9 8.0 12.0
127 11.5 9.5 14.3



#32
4-Chloroaniline
Concen: 20.097 ng/ul
RT: 11.197 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:127 Resp: 62668
Ion Ratio Lower Upper
127 100
129 32.3 21.9 32.9

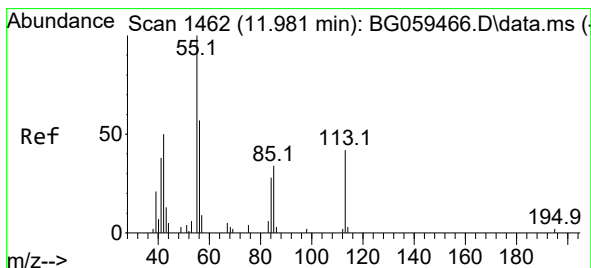
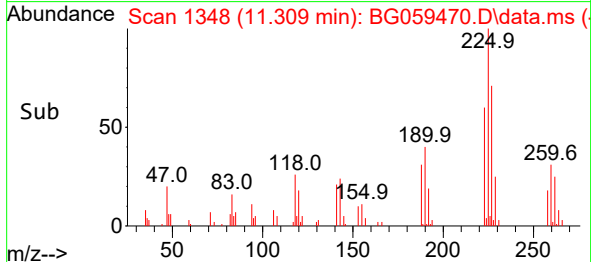
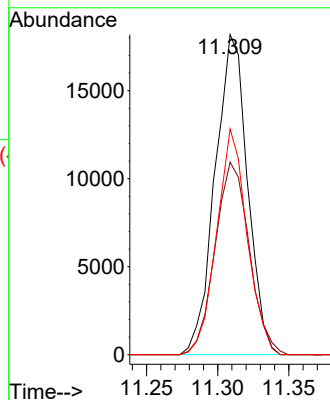
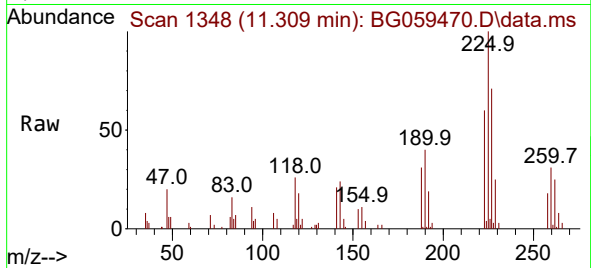




#33
Hexachlorobutadiene
Concen: 22.135 ng/ul
RT: 11.309 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

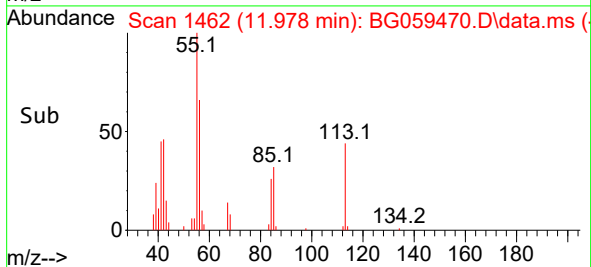
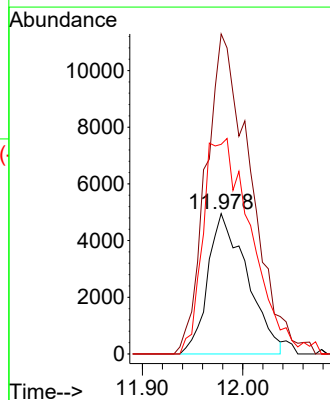
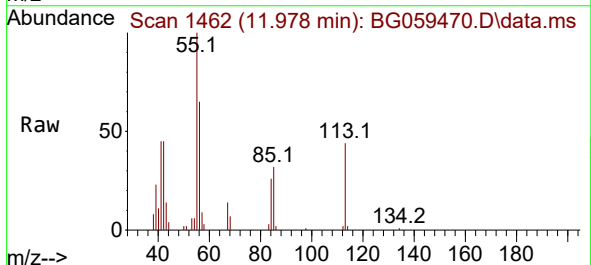
Instrument :
BNA_G
ClientSampleId :
SICV419

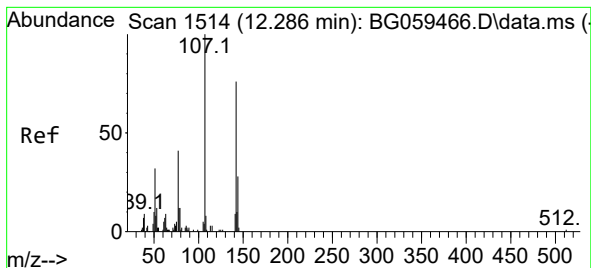
Tgt Ion:225 Resp: 28845
Ion Ratio Lower Upper
225 100
223 60.1 48.7 73.1
227 70.6 50.5 75.7



#34
Caprolactam
Concen: 21.845 ng/ul
RT: 11.978 min Scan# 1462
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:113 Resp: 13481
Ion Ratio Lower Upper
113 100
55 228.1 191.8 287.6
56 149.4 109.6 164.4

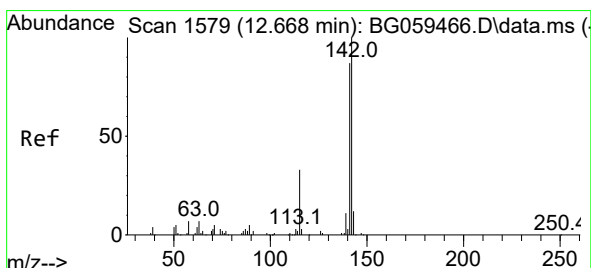
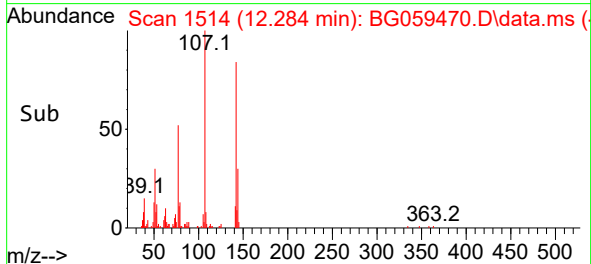
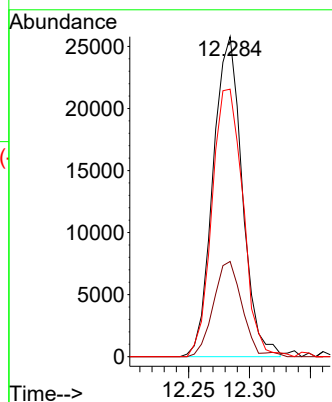
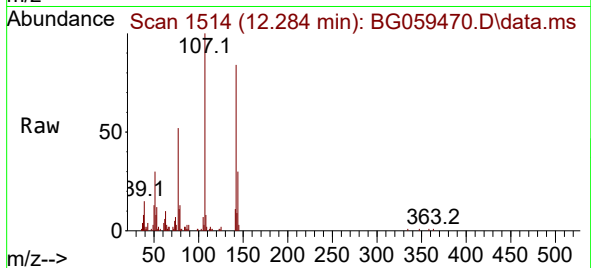




#35
4-Chloro-3-methylphenol
Concen: 22.834 ng/ul
RT: 12.284 min Scan# 1514
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

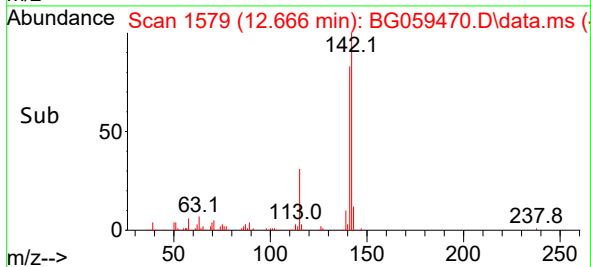
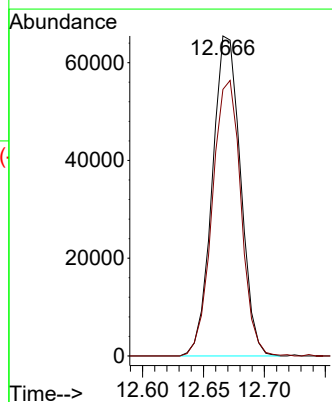
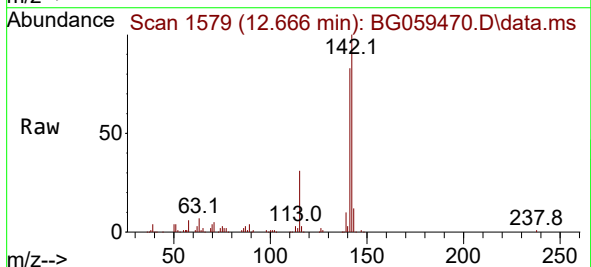
Instrument :
BNA_G
ClientSampleId :
SICV419

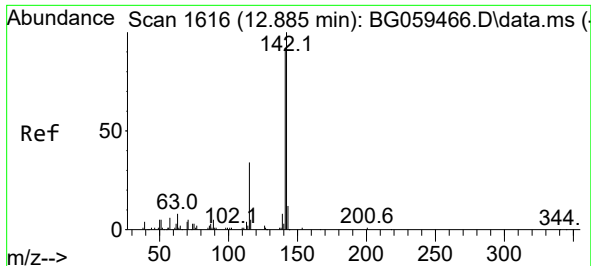
Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.7	22.5	33.7
142	83.6	60.6	90.8



#36
2-Methylnaphthalene
Concen: 22.720 ng/ul
RT: 12.666 min Scan# 1579
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.3	69.4	104.0





#37

1-Methylnaphthalene

Concen: 21.697 ng/ul

RT: 12.889 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

Instrument :

BNA_G

ClientSampleId :

SICV419

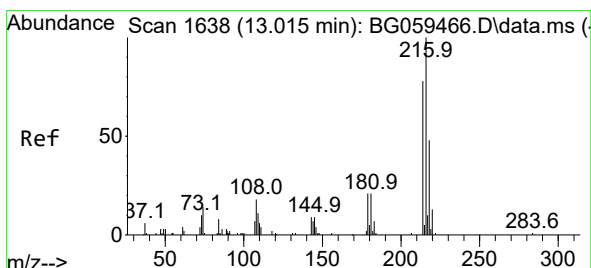
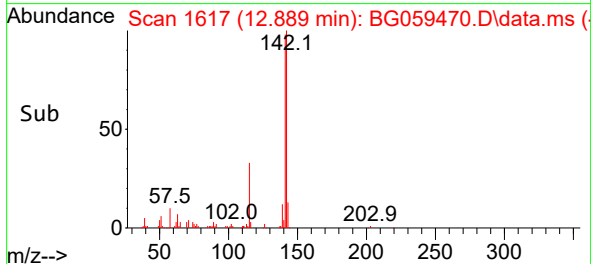
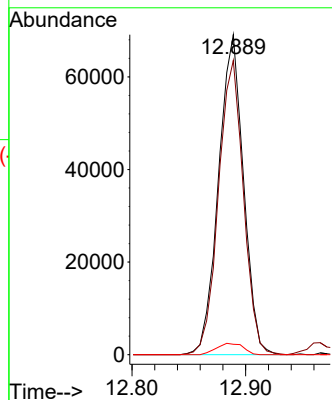
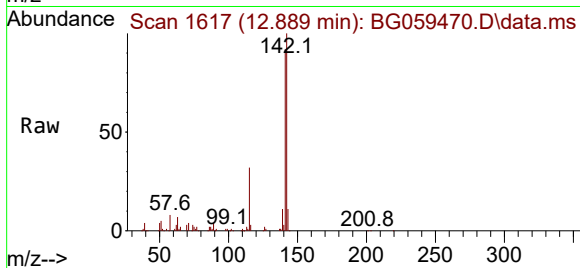
Tgt Ion:142 Resp: 105401

Ion Ratio Lower Upper

142 100

141 92.0 73.4 110.2

116 3.3 3.8 5.6#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.674 ng/ul

RT: 13.013 min Scan# 1638

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

Tgt Ion:216 Resp: 53335

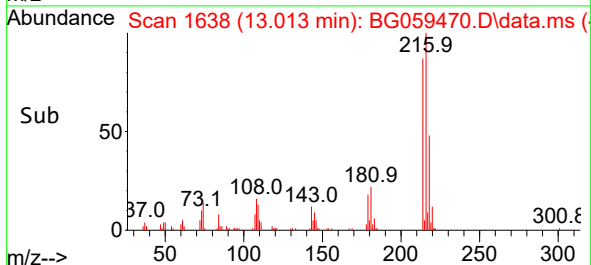
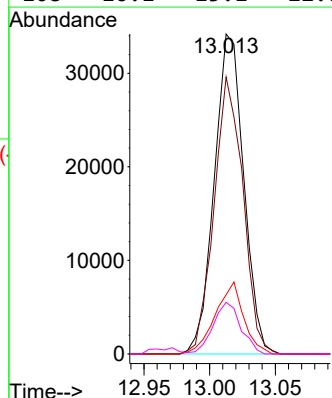
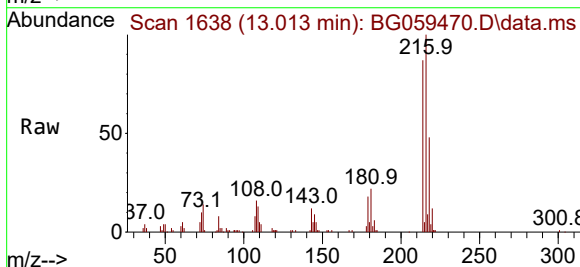
Ion Ratio Lower Upper

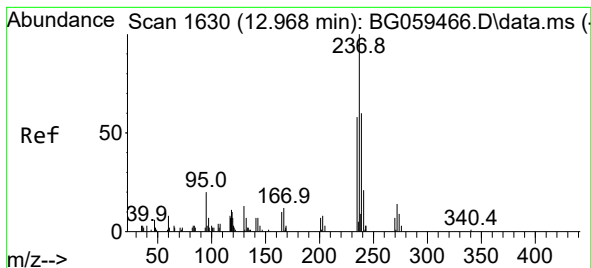
216 100

214 86.5 62.8 94.2

179 18.5 16.4 24.6

108 16.1 15.1 22.7





#40

Hexachlorocyclopentadiene

Concen: 18.779 ng/ul

RT: 12.966 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

Instrument :

BNA_G

ClientSampleId :

SICV419

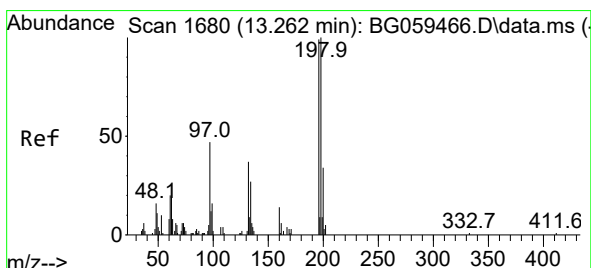
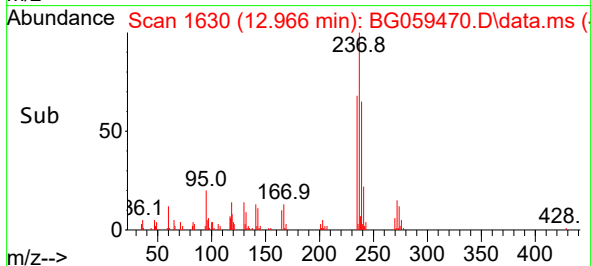
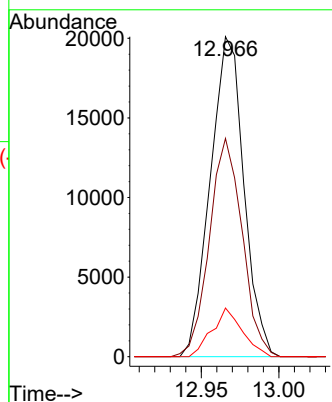
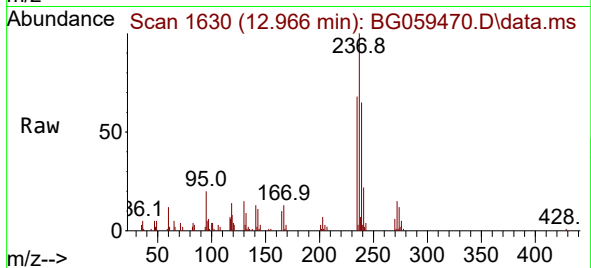
Tgt Ion:237 Resp: 30295

Ion Ratio Lower Upper

237 100

235 71.0 46.2 69.2#

272 15.2 10.9 16.3



#41

2,4,6-Trichlorophenol

Concen: 22.358 ng/ul

RT: 13.259 min Scan# 1680

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

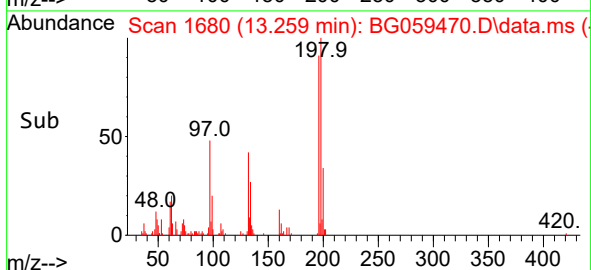
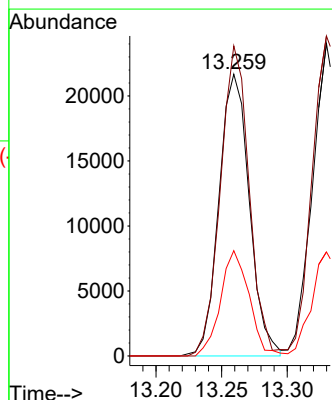
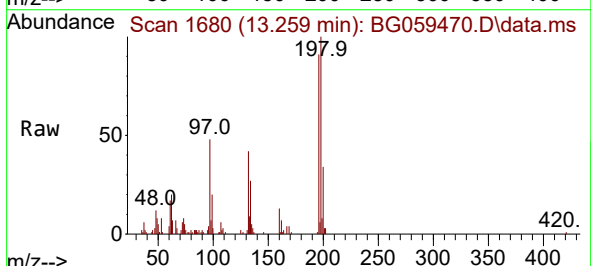
Tgt Ion:196 Resp: 34914

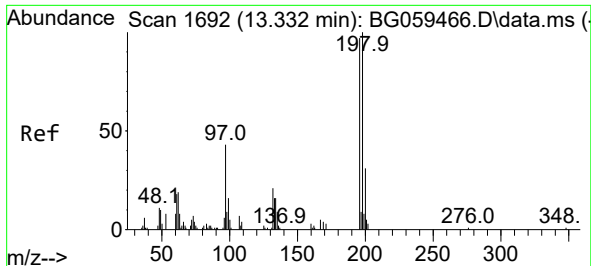
Ion Ratio Lower Upper

196 100

198 110.0 81.2 121.8

200 37.4 29.8 44.6

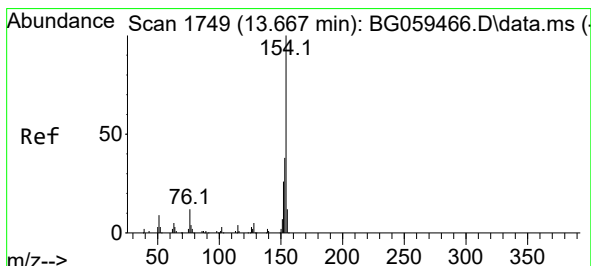
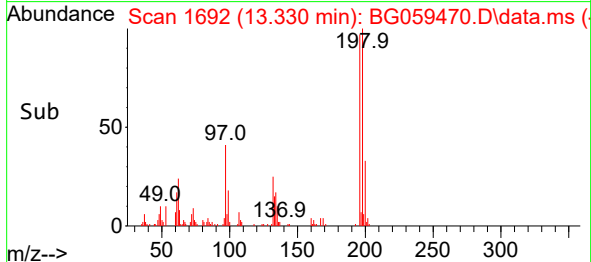
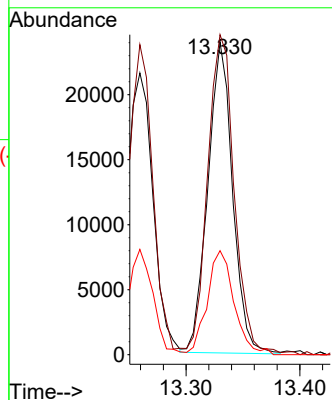
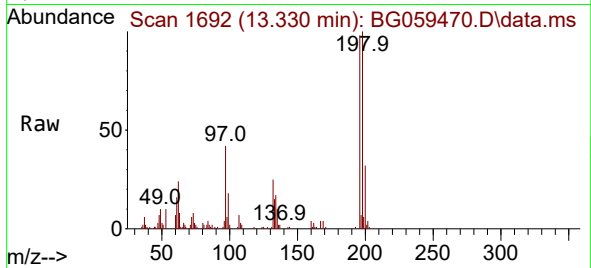




#42
2,4,5-Trichlorophenol
Concen: 21.754 ng/ul
RT: 13.330 min Scan# 1692
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

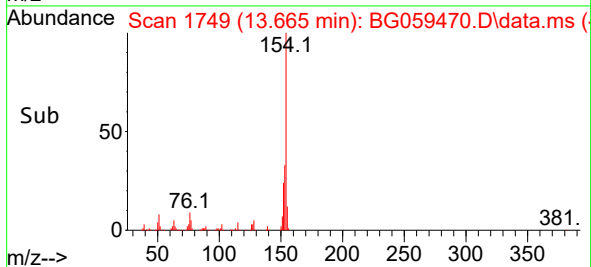
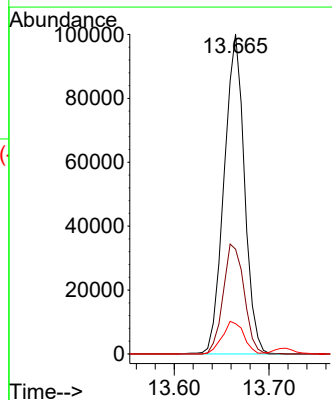
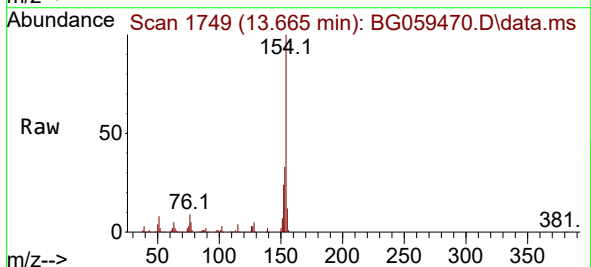
Instrument :
BNA_G
ClientSampleId :
SICV419

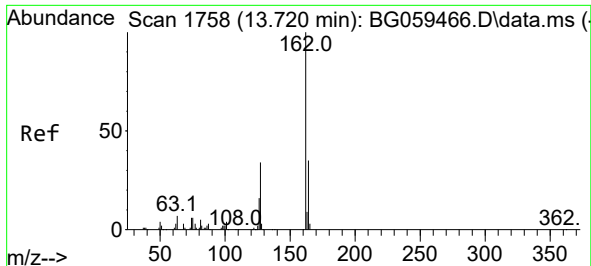
Tgt Ion:196 Resp: 36174
Ion Ratio Lower Upper
196 100
198 102.4 81.0 121.6
200 33.3 25.0 37.6



#43
1,1'-Biphenyl
Concen: 21.417 ng/ul
RT: 13.665 min Scan# 1749
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:154 Resp: 149231
Ion Ratio Lower Upper
154 100
153 32.8 30.3 45.5
76 9.5 9.4 14.0

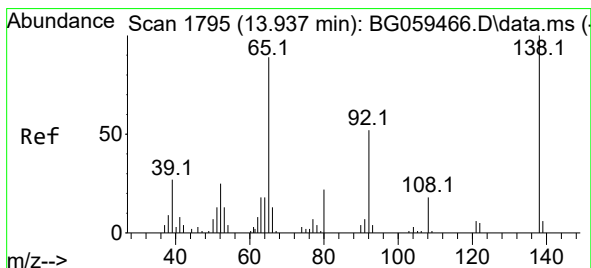
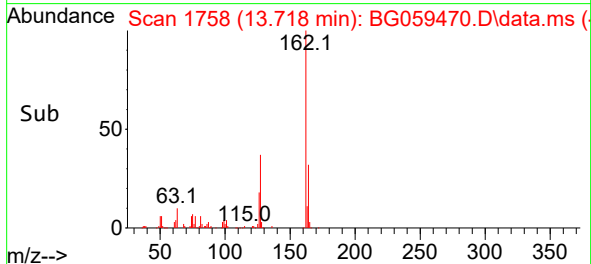
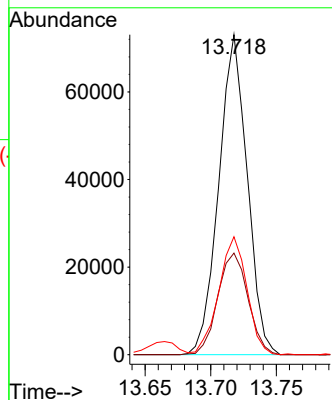
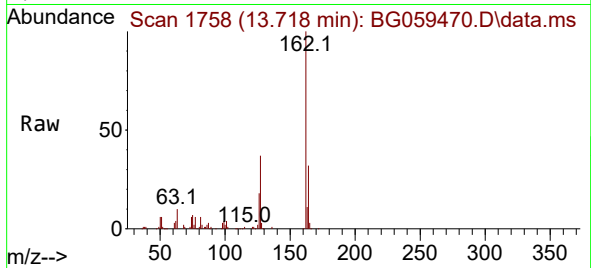




#44
2-Chloronaphthalene
Concen: 21.043 ng/ul
RT: 13.718 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

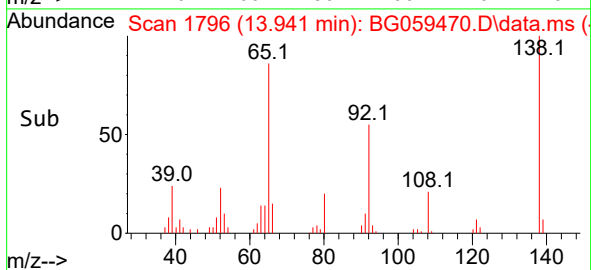
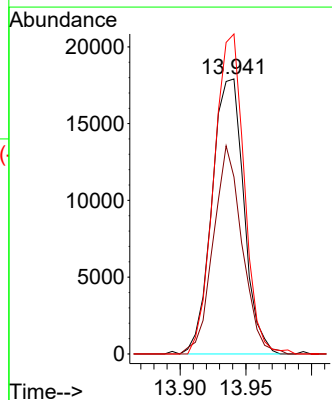
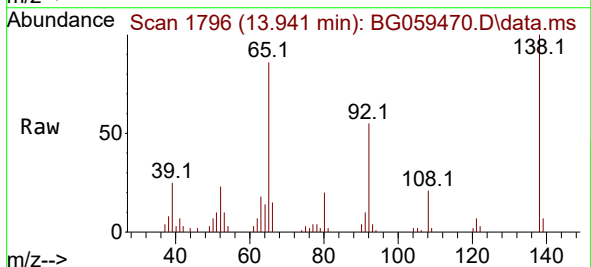
Instrument :
BNA_G
ClientSampleId :
SICV419

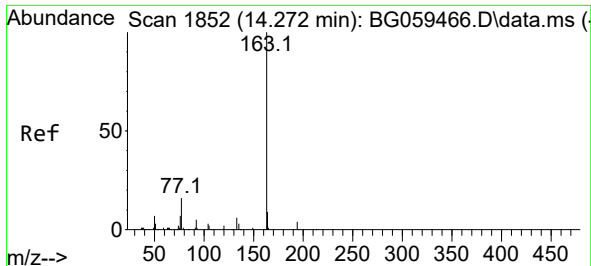
Tgt Ion:162 Resp: 109971
Ion Ratio Lower Upper
162 100
164 31.7 28.0 42.0
127 36.9 27.7 41.5



#45
2-Nitroaniline
Concen: 21.445 ng/ul
RT: 13.941 min Scan# 1796
Delta R.T. 0.004 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion: 65 Resp: 30282
Ion Ratio Lower Upper
65 100
92 64.4 47.0 70.4
138 116.3 89.8 134.8

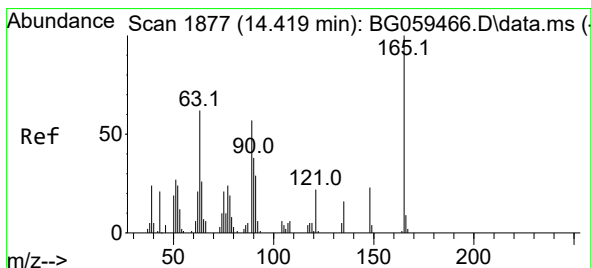
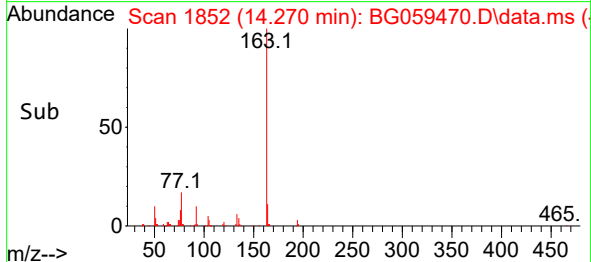
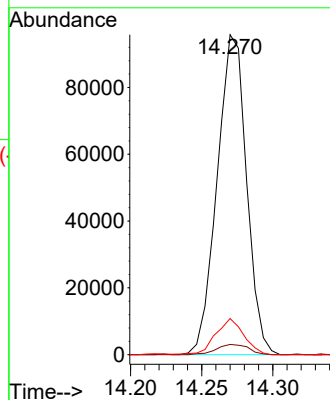
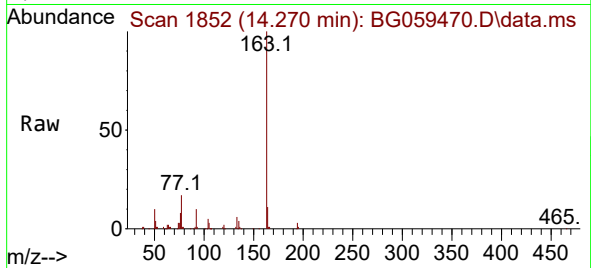




#47
Dimethylphthalate
Concen: 20.428 ng/ul
RT: 14.270 min Scan# 1852
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

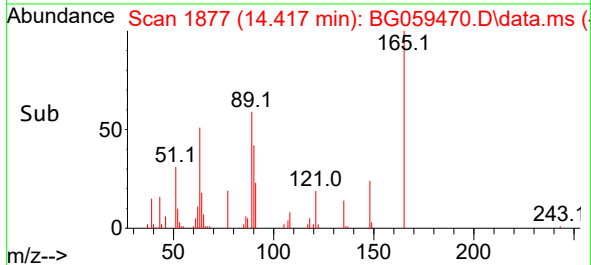
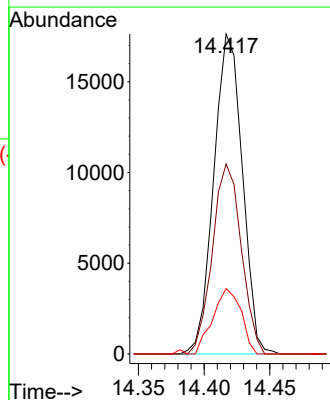
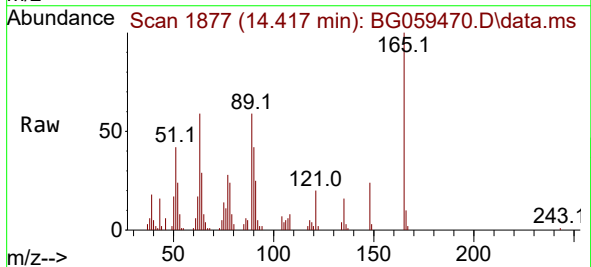
Instrument :
BNA_G
ClientSampleId :
SICV419

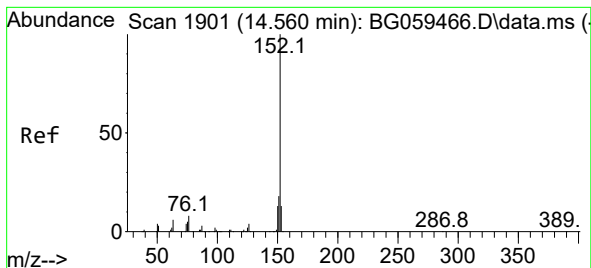
Tgt Ion:163 Resp: 138015
Ion Ratio Lower Upper
163 100
194 3.2 3.1 4.7
164 11.3 7.3 10.9#



#48
2,6-Dinitrotoluene
Concen: 22.593 ng/ul
RT: 14.417 min Scan# 1877
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:165 Resp: 26651
Ion Ratio Lower Upper
165 100
89 59.4 45.3 67.9
121 20.5 17.4 26.0





#50

Acenaphthylene

Concen: 20.471 ng/ul

RT: 14.558 min Scan# 1901

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

Instrument :

BNA_G

ClientSampleId :

SICV419

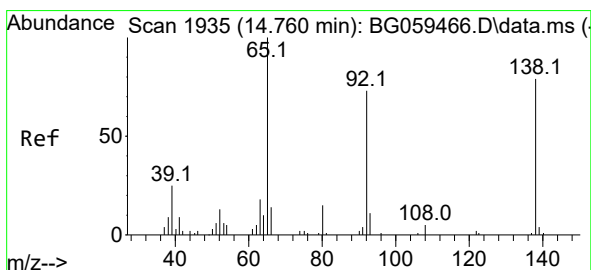
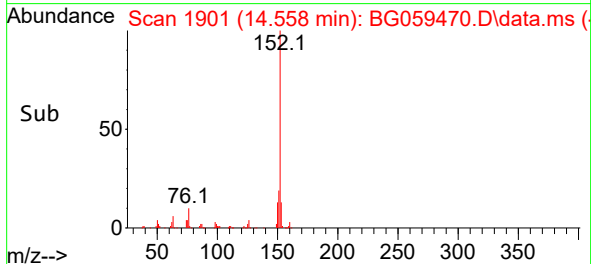
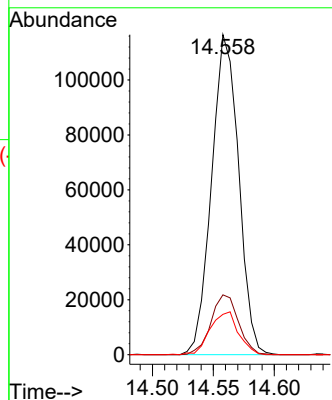
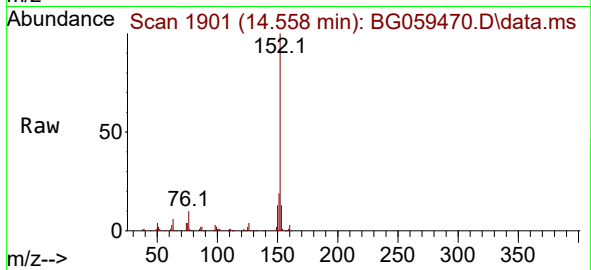
Tgt Ion:152 Resp: 180124

Ion Ratio Lower Upper

152 100

151 18.7 14.5 21.7

153 12.6 10.4 15.6



#51

3-Nitroaniline

Concen: 21.691 ng/ul

RT: 14.758 min Scan# 1935

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

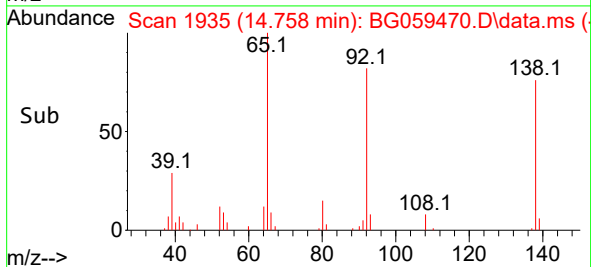
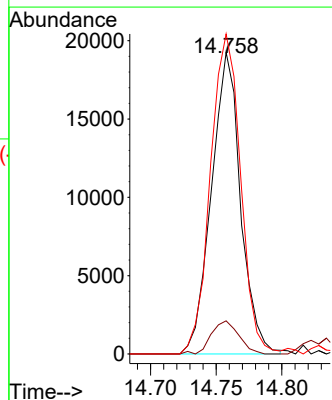
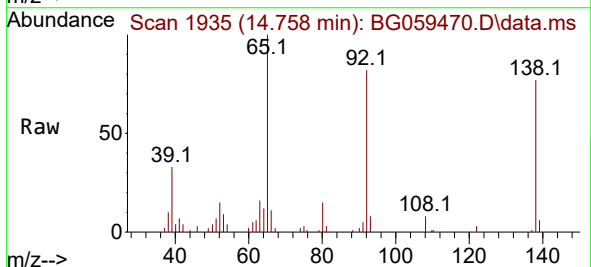
Tgt Ion:138 Resp: 29740

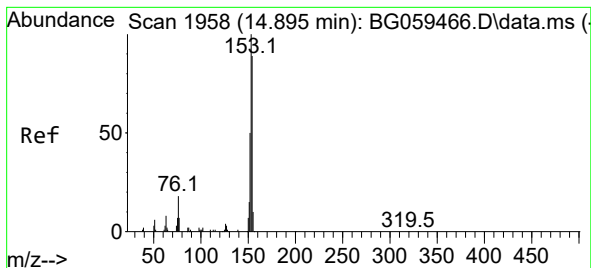
Ion Ratio Lower Upper

138 100

108 11.0 5.3 7.9#

92 106.1 74.4 111.6





#52

Acenaphthene

Concen: 20.397 ng/ul

RT: 14.893 min Scan# 1958

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

Instrument :

BNA_G

ClientSampleId :

SICV419

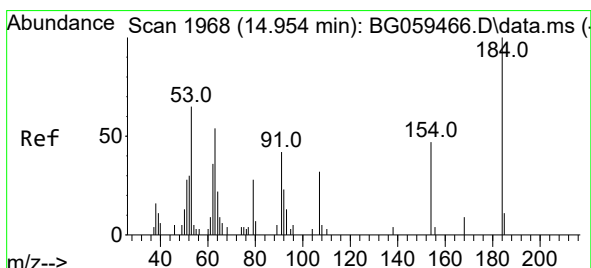
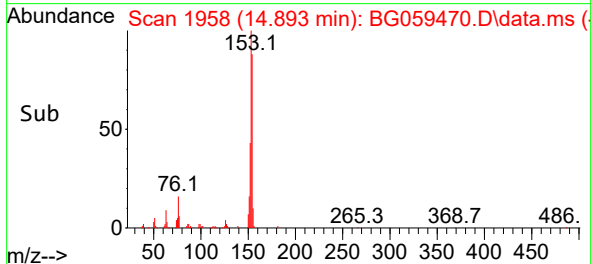
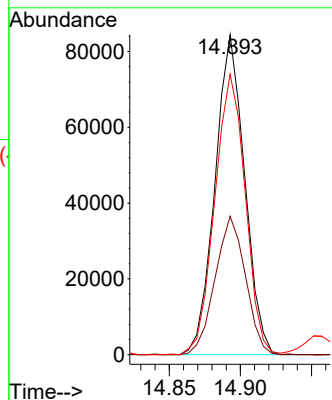
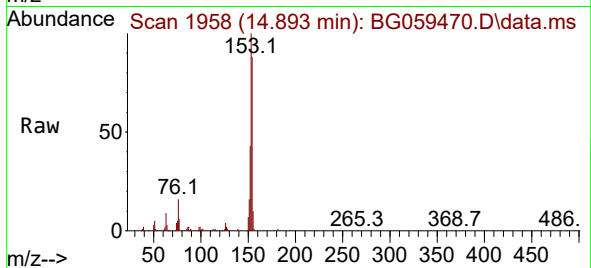
Tgt Ion:153 Resp: 122473

Ion Ratio Lower Upper

153 100

152 43.3 40.0 60.0

154 87.7 72.0 108.0



#53

2,4-Dinitrophenol

Concen: 20.941 ng/ul

RT: 14.957 min Scan# 1969

Delta R.T. 0.004 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

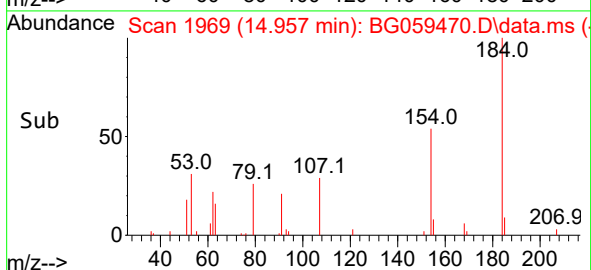
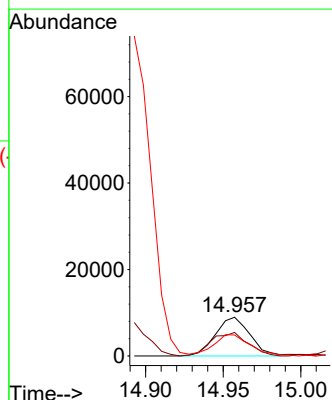
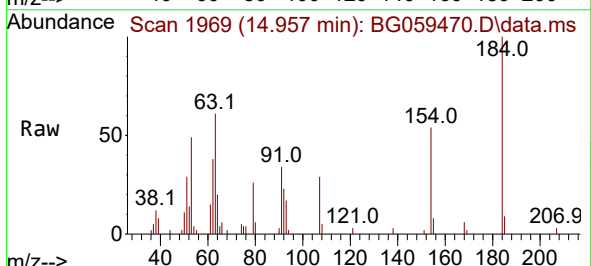
Tgt Ion:184 Resp: 13829

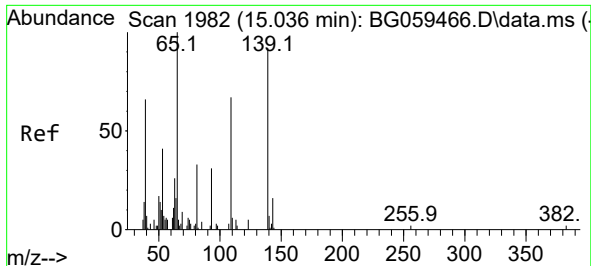
Ion Ratio Lower Upper

184 100

63 60.7 43.0 64.6

154 54.1 48.9 73.3

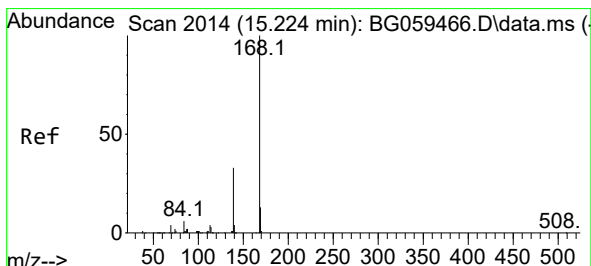
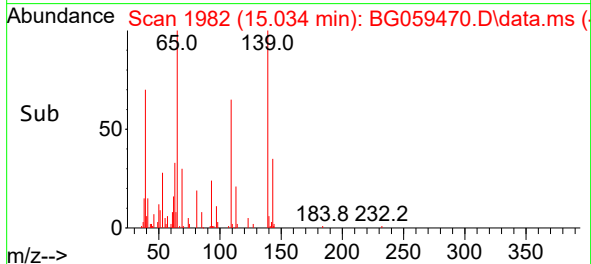
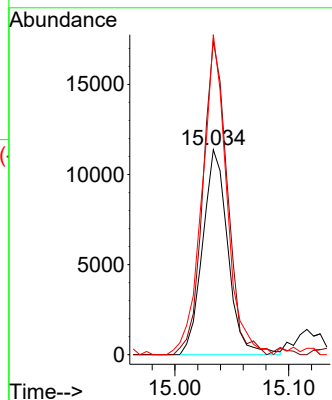
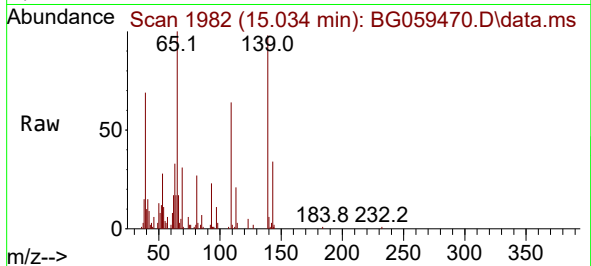




#55
4-Nitrophenol
Concen: 20.974 ng/ul
RT: 15.034 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

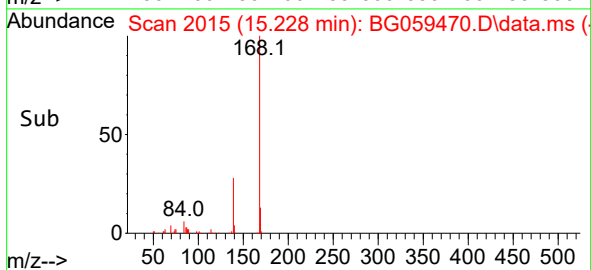
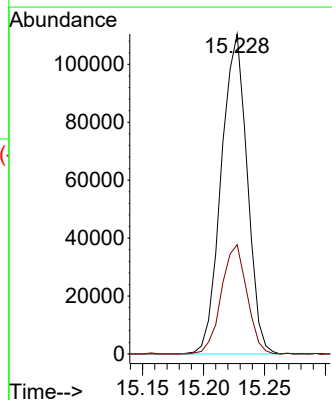
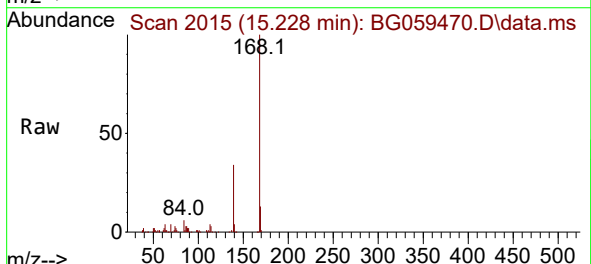
Instrument :
BNA_G
ClientSampleId :
SICV419

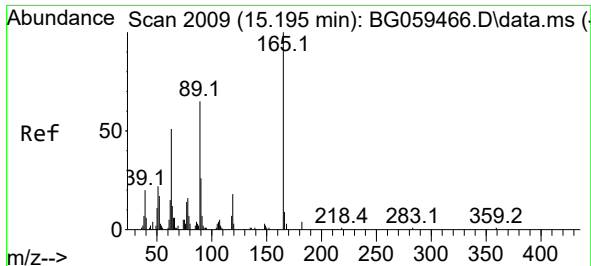
Tgt Ion:109 Resp: 17577
Ion Ratio Lower Upper
109 100
139 153.1 109.6 164.4
65 156.1 121.4 182.0



#56
Dibenzofuran
Concen: 20.541 ng/ul
RT: 15.228 min Scan# 2015
Delta R.T. 0.004 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:168 Resp: 163619
Ion Ratio Lower Upper
168 100
139 34.2 27.0 40.4





#57

2,4-Dinitrotoluene

Concen: 22.892 ng/ul

RT: 15.198 min Scan# 2009

Delta R.T. 0.004 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

Instrument :

BNA_G

ClientSampleId :

SICV419

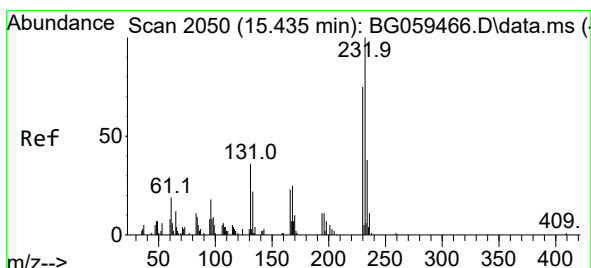
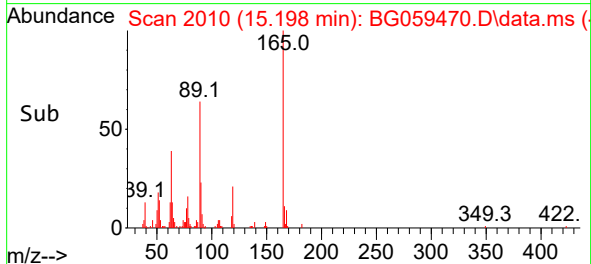
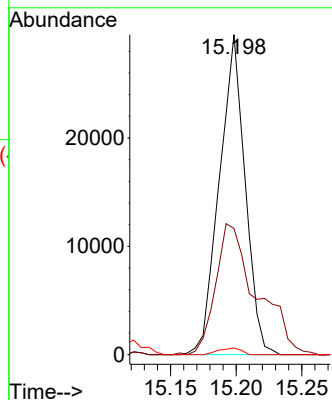
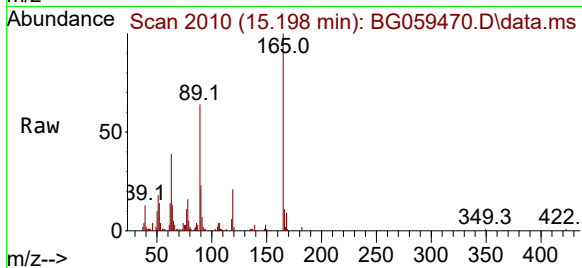
Tgt Ion:165 Resp: 40336

Ion Ratio Lower Upper

165 100

63 39.5 41.1 61.7#

182 2.1 3.0 4.4#



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.700 ng/ul

RT: 15.439 min Scan# 2051

Delta R.T. 0.004 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

Tgt Ion:232 Resp: 32576

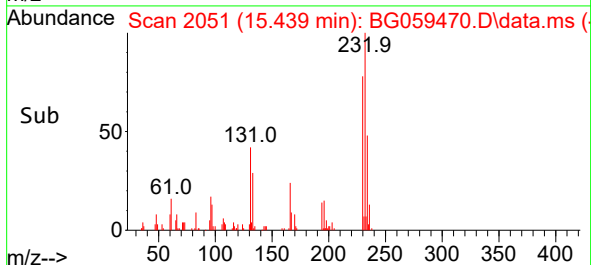
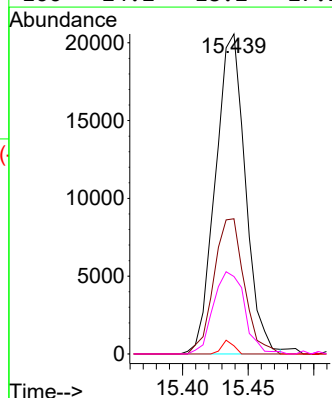
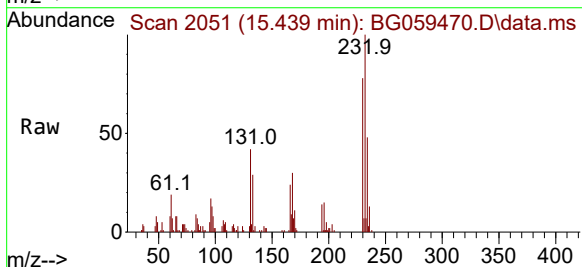
Ion Ratio Lower Upper

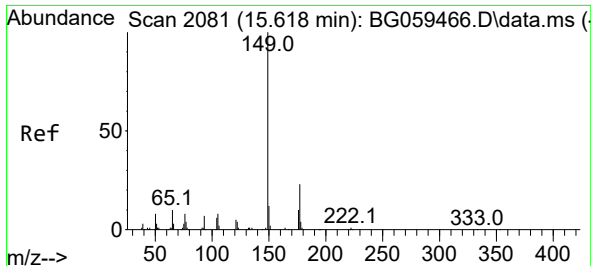
232 100

131 42.3 28.6 43.0

130 2.6 2.2 3.2

166 24.2 18.2 27.2

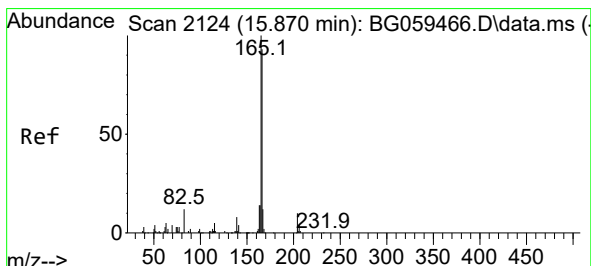
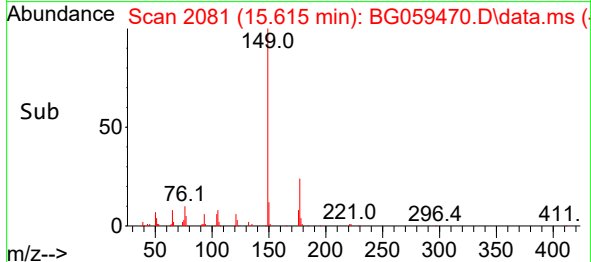
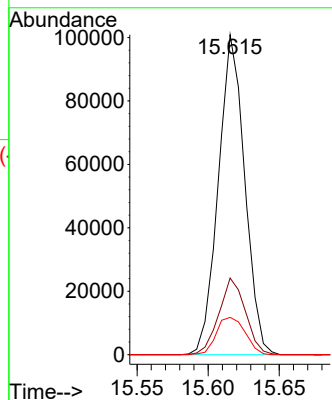
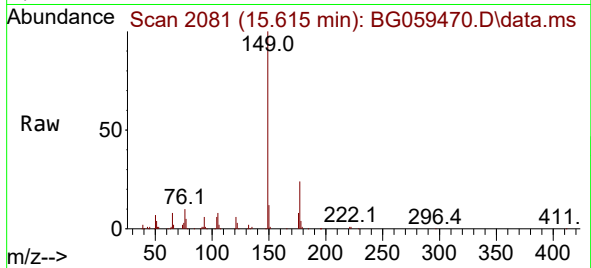




#59
Diethylphthalate
Concen: 21.488 ng/ul
RT: 15.615 min Scan# 2081
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

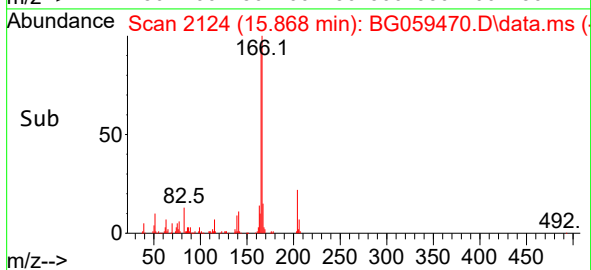
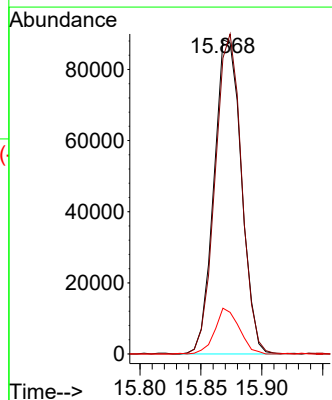
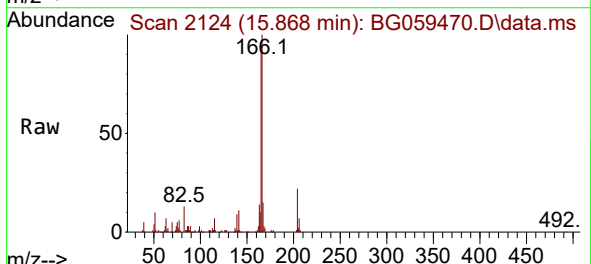
Instrument :
BNA_G
ClientSampleId :
SICV419

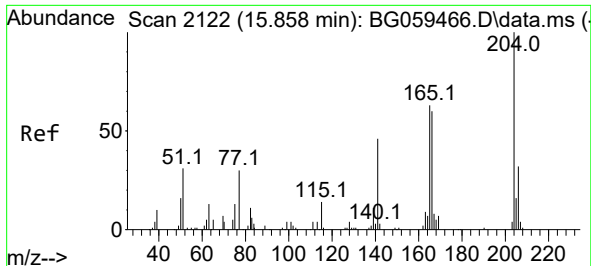
Tgt Ion:149 Resp: 130176
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.2
150 11.7 9.9 14.9



#61
Fluorene
Concen: 21.467 ng/ul
RT: 15.868 min Scan# 2124
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:166 Resp: 138221
Ion Ratio Lower Upper
166 100
165 94.2 85.6 128.4
167 14.6 9.8 14.8





#62

4-Chlorophenyl-phenylether

Concen: 20.341 ng/ul

RT: 15.856 min Scan# 2122

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

Instrument :

BNA_G

ClientSampleId :

SICV419

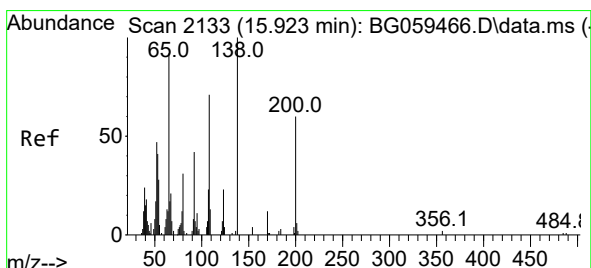
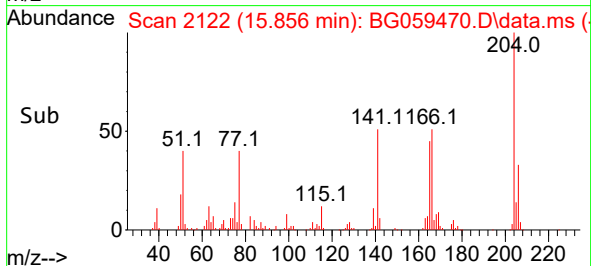
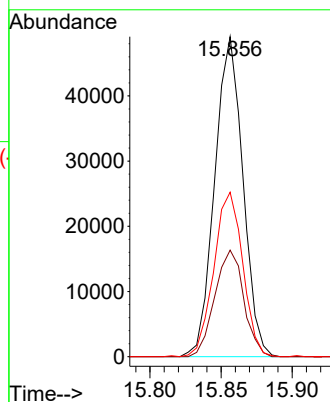
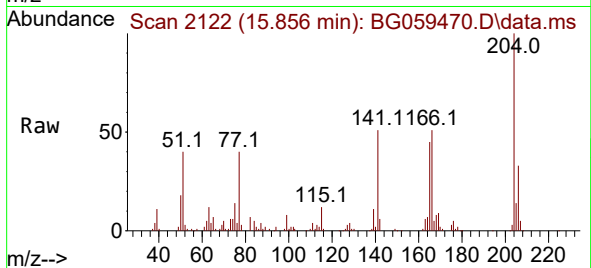
Tgt Ion:204 Resp: 67554

Ion Ratio Lower Upper

204 100

206 33.3 25.7 38.5

141 51.4 37.6 56.4



#63

4-Nitroaniline

Concen: 21.925 ng/ul

RT: 15.921 min Scan# 2133

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

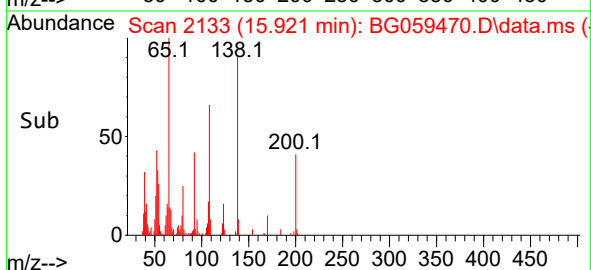
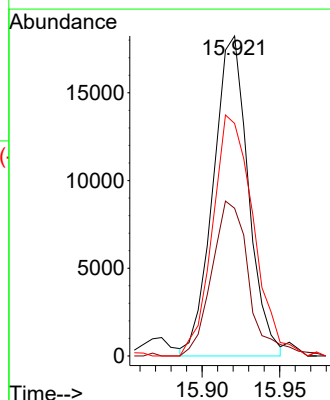
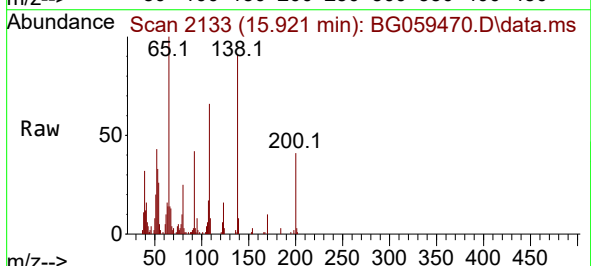
Tgt Ion:138 Resp: 28659

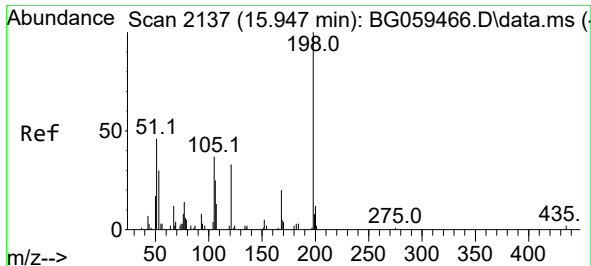
Ion Ratio Lower Upper

138 100

92 46.2 33.3 49.9

108 72.7 55.4 83.2

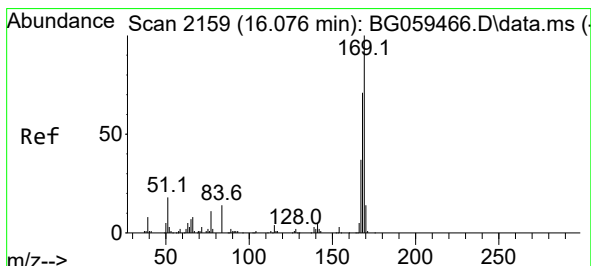
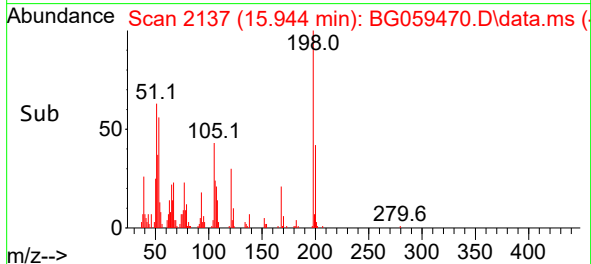
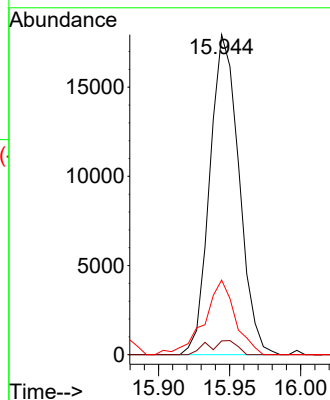
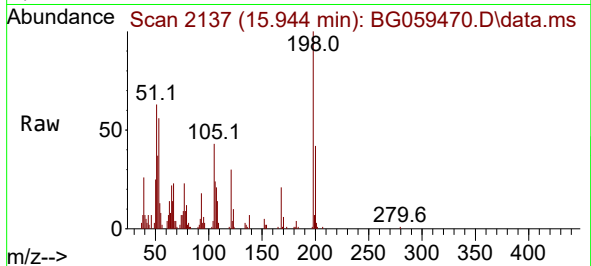




#66
 4,6-Dinitro-2-methylphenol
 Concen: 21.767 ng/ul
 RT: 15.944 min Scan# 2137
 Delta R.T. -0.002 min
 Lab File: BG059470.D
 Acq: 17 Oct 2023 23:45

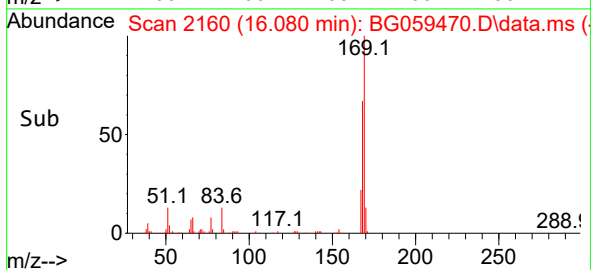
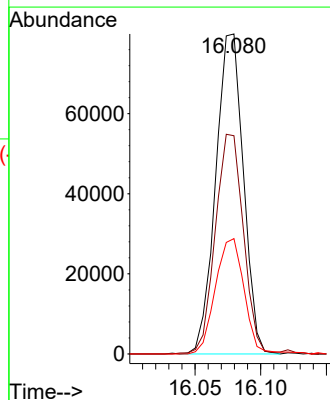
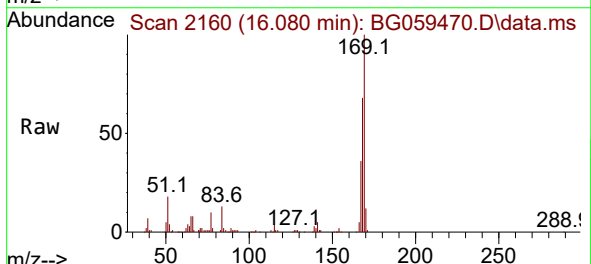
Instrument :
 BNA_G
 ClientSampleId :
 SICV419

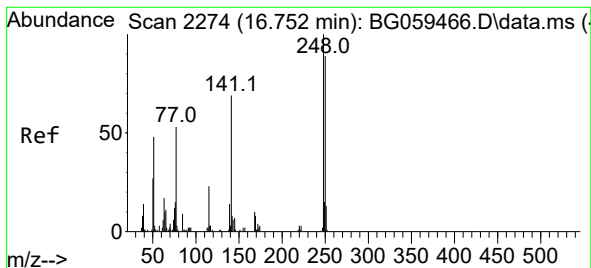
Tgt Ion:198 Resp: 25667
 Ion Ratio Lower Upper
 198 100
 182 4.3 2.7 4.1#
 77 23.3 13.0 19.6#



#67
 N-Nitrosodiphenylamine
 Concen: 20.116 ng/ul
 RT: 16.080 min Scan# 2160
 Delta R.T. 0.004 min
 Lab File: BG059470.D
 Acq: 17 Oct 2023 23:45

Tgt Ion:169 Resp: 117303
 Ion Ratio Lower Upper
 169 100
 168 68.2 56.9 85.3
 167 36.0 29.4 44.0

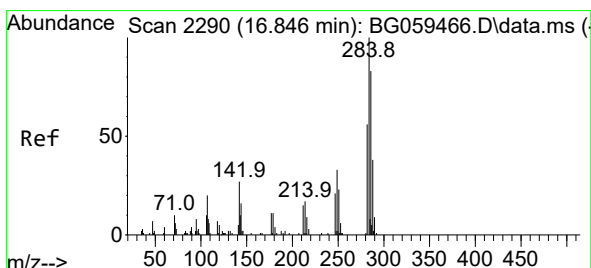
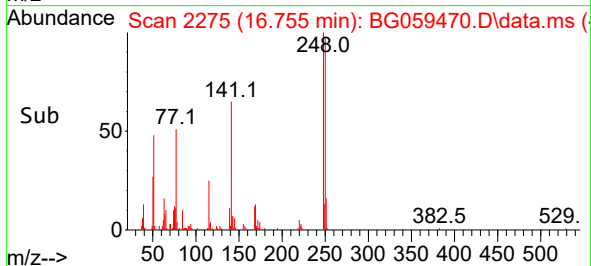
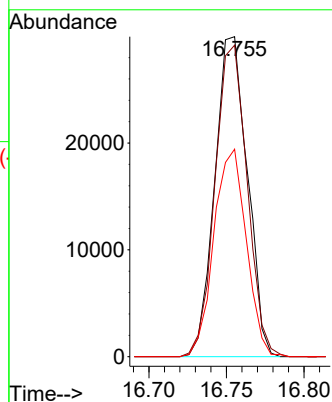
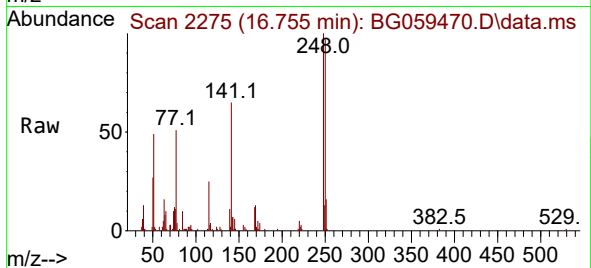




#68
4-Bromophenyl-phenylether
Concen: 20.514 ng/ul
RT: 16.755 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

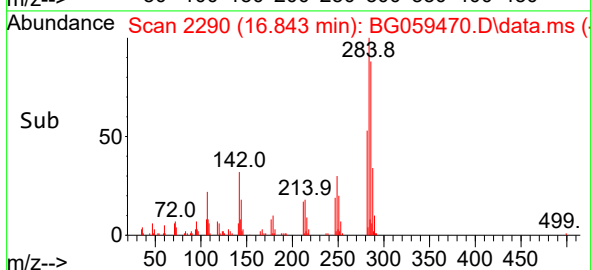
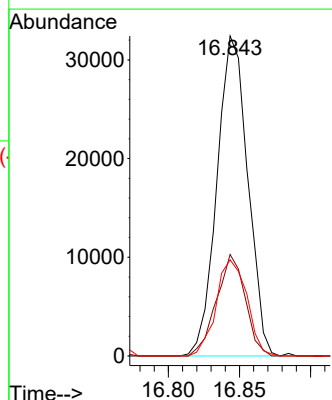
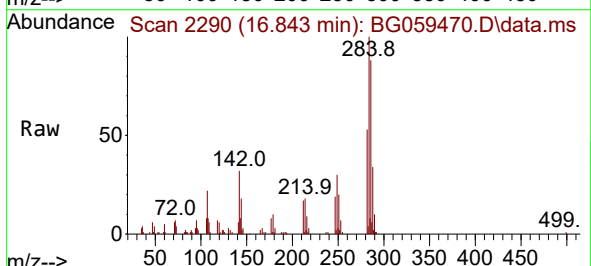
Instrument :
BNA_G
ClientSampleId :
SICV419

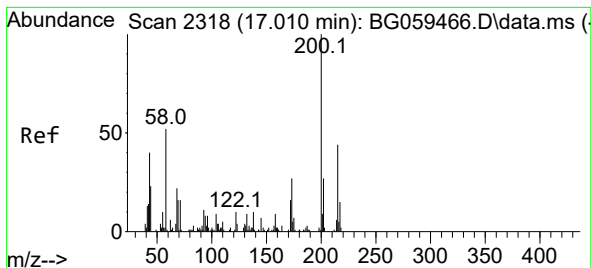
Tgt Ion:248 Resp: 43688
Ion Ratio Lower Upper
248 100
250 97.3 71.8 107.8
141 64.8 54.8 82.2



#69
Hexachlorobenzene
Concen: 20.377 ng/ul
RT: 16.843 min Scan# 2290
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:284 Resp: 48903
Ion Ratio Lower Upper
284 100
142 31.7 21.4 32.0
249 30.0 28.1 42.1





#70

Atrazine

Concen: 19.668 ng/ul

RT: 17.008 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

Instrument :

BNA_G

ClientSampleId :

SICV419

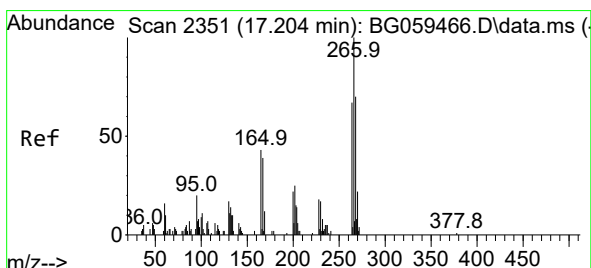
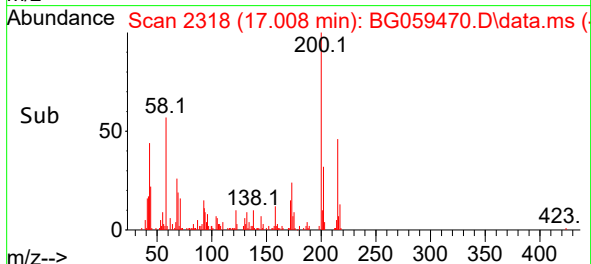
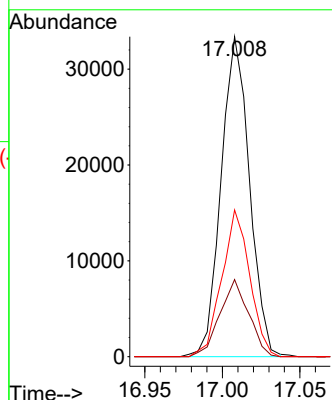
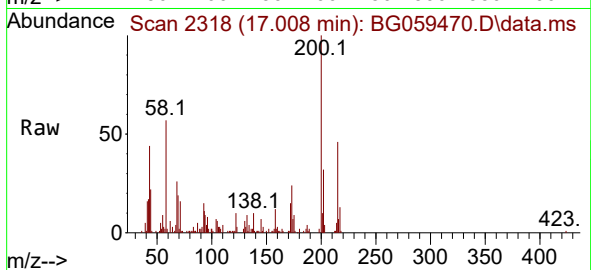
Tgt Ion:200 Resp: 42476

Ion Ratio Lower Upper

200 100

173 24.1 21.7 32.5

215 45.8 34.8 52.2



#71

Pentachlorophenol

Concen: 20.193 ng/ul

RT: 17.202 min Scan# 2351

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

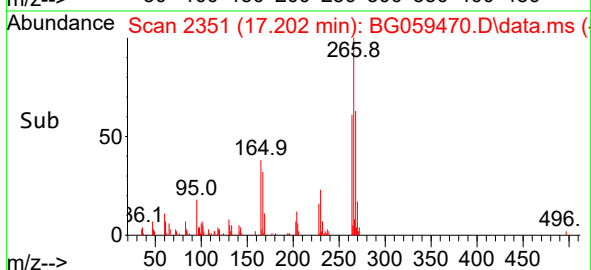
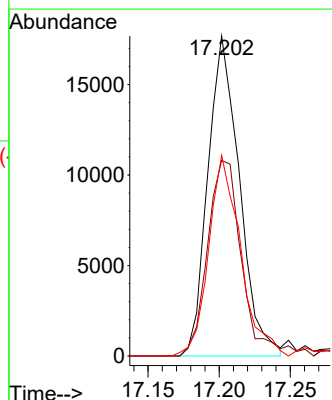
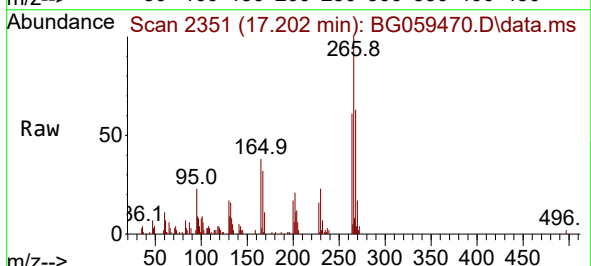
Tgt Ion:266 Resp: 27310

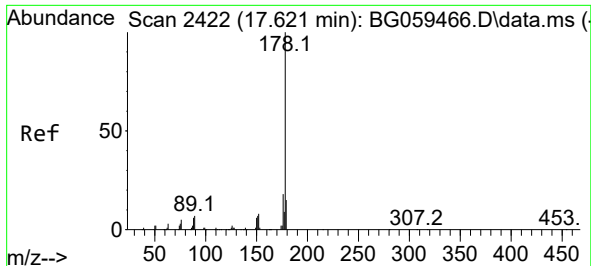
Ion Ratio Lower Upper

266 100

264 61.1 56.9 85.3

268 62.7 56.4 84.6

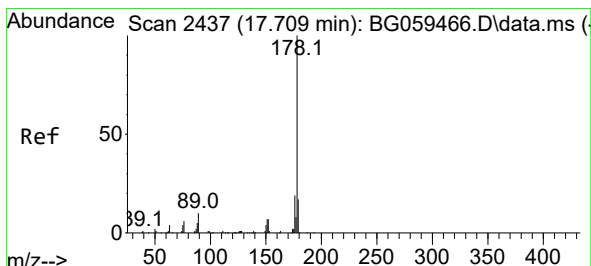
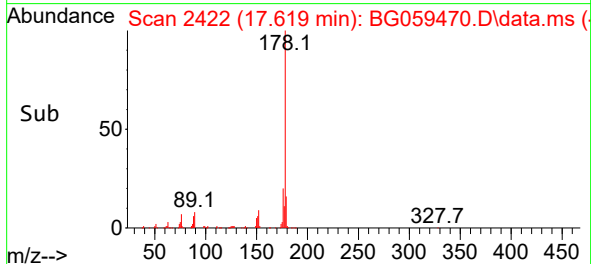
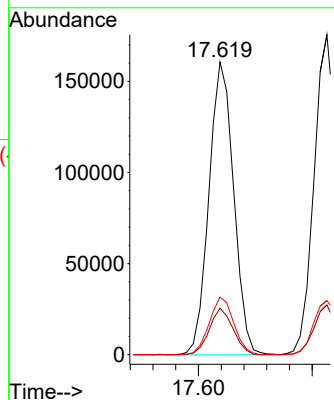
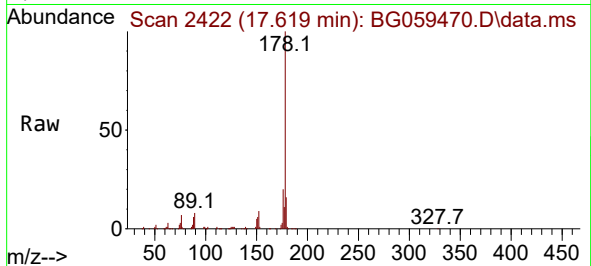




#72
Phenanthrene
Concen: 20.366 ng/ul
RT: 17.619 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

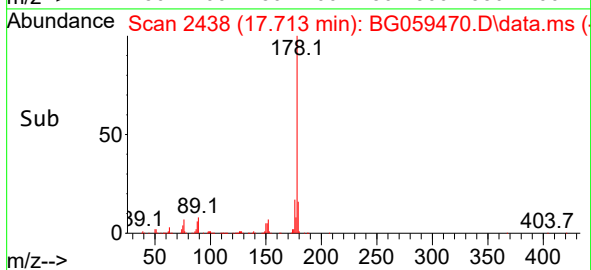
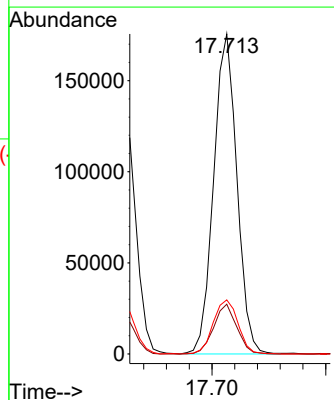
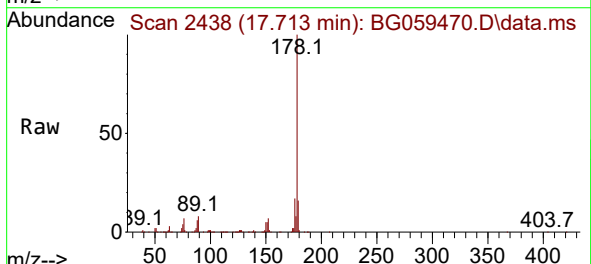
Instrument :
BNA_G
ClientSampleId :
SICV419

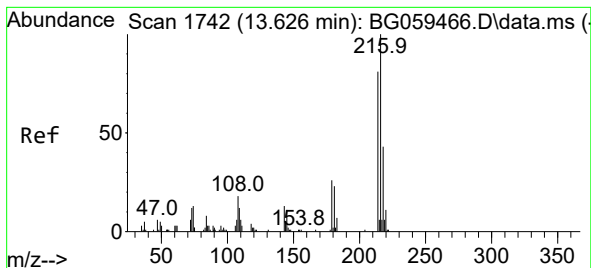
Tgt Ion:178 Resp: 242526
Ion Ratio Lower Upper
178 100
179 15.9 11.8 17.8
176 19.7 14.2 21.4



#74
Anthracene
Concen: 20.374 ng/ul
RT: 17.713 min Scan# 2438
Delta R.T. 0.004 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:178 Resp: 249436
Ion Ratio Lower Upper
178 100
179 15.5 13.2 19.8
176 16.9 15.1 22.7

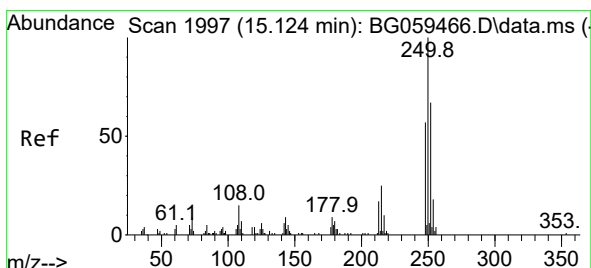
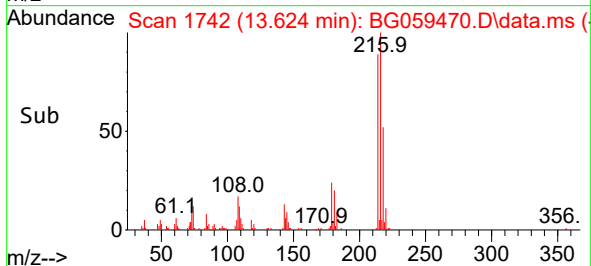
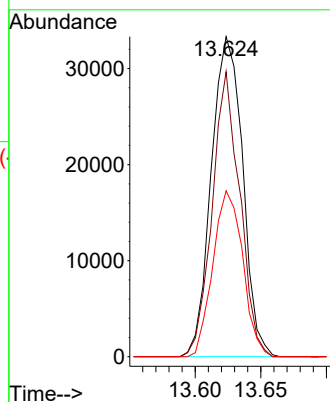
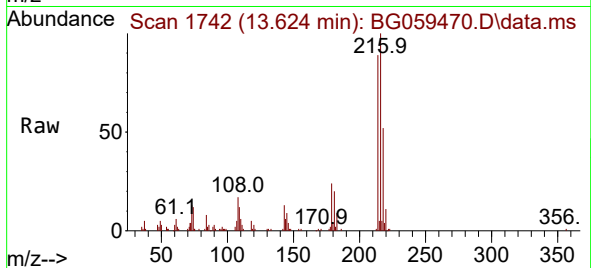




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.487 ng/uL
RT: 13.624 min Scan# 1742
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

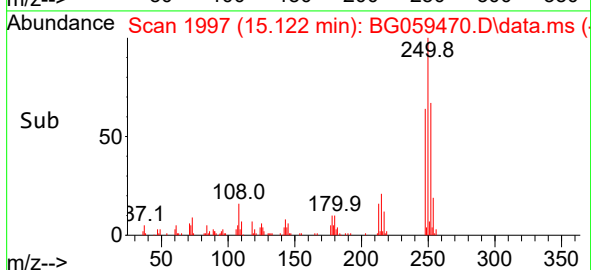
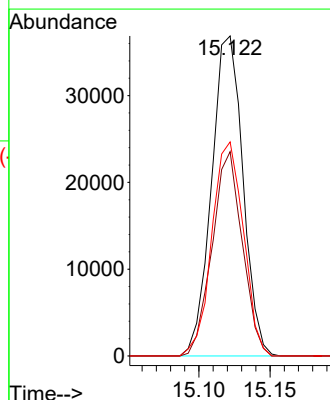
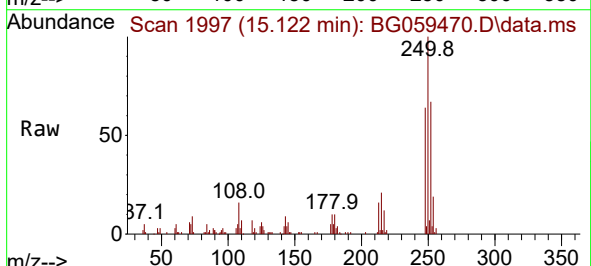
Instrument :
BNA_G
ClientSampleId :
SICV419

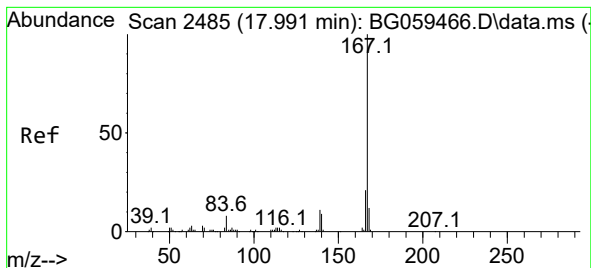
Tgt Ion:216 Resp: 55328
Ion Ratio Lower Upper
216 100
214 89.1 64.5 96.7
218 51.8 34.7 52.1



#76
Pentachlorobenzene
Concen: 19.337 ng/uL
RT: 15.122 min Scan# 1997
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:250 Resp: 56602
Ion Ratio Lower Upper
250 100
248 67.5 46.5 69.7
252 66.9 53.3 79.9





#77

Carbazole

Concen: 20.528 ng/ul

RT: 17.989 min Scan# 2485

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

Instrument :

BNA_G

ClientSampleId :

SICV419

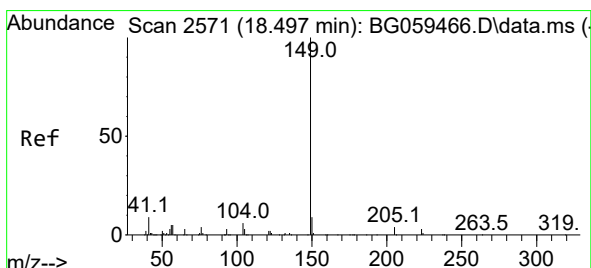
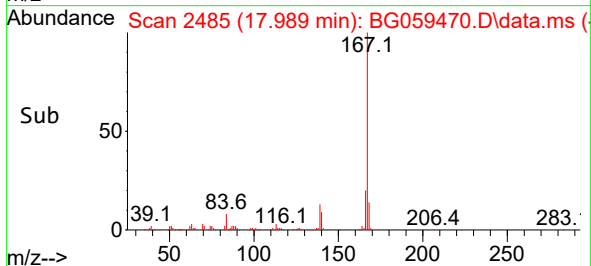
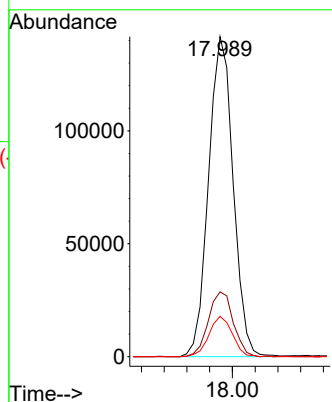
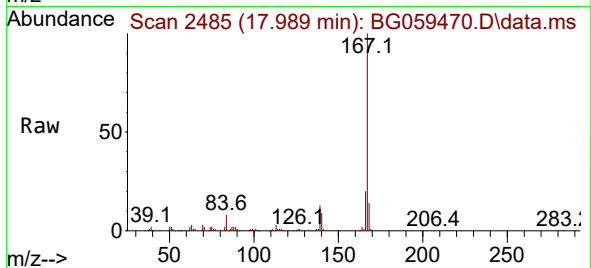
Tgt Ion:167 Resp: 212835

Ion Ratio Lower Upper

167 100

166 20.3 17.0 25.4

139 12.6 8.6 12.8



#78

Di-n-butylphthalate

Concen: 21.119 ng/ul

RT: 18.494 min Scan# 2571

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

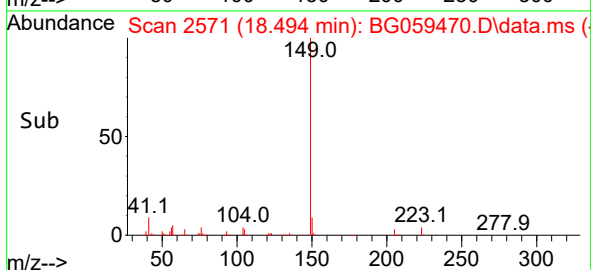
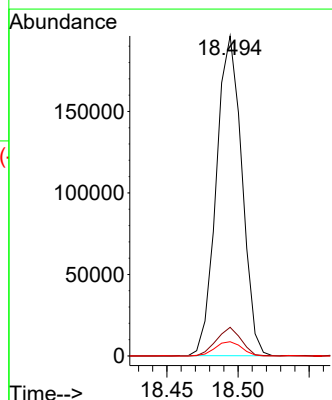
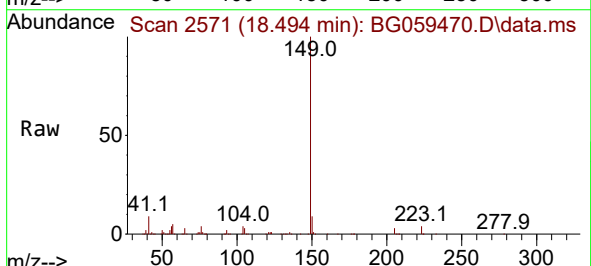
Tgt Ion:149 Resp: 245043

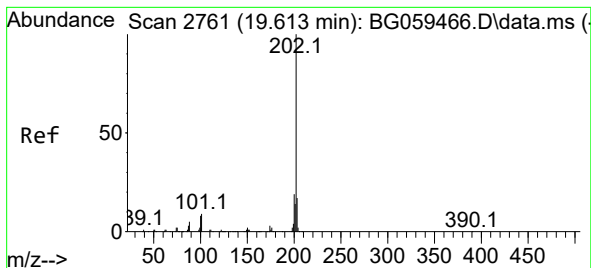
Ion Ratio Lower Upper

149 100

150 8.9 6.9 10.3

104 4.4 4.6 7.0#

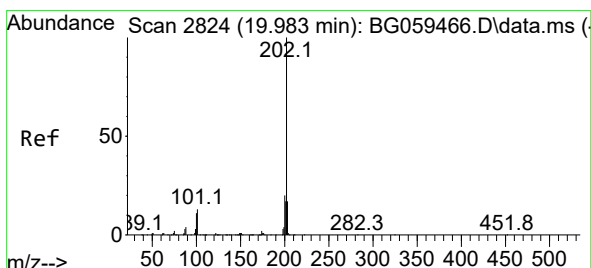
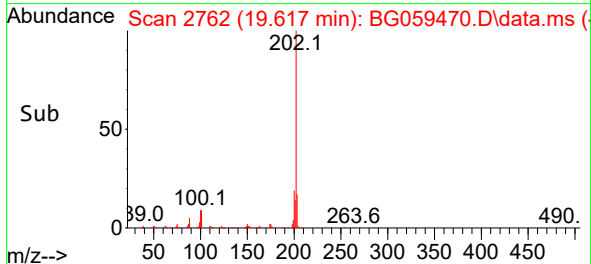
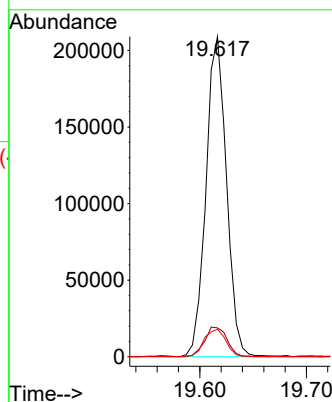
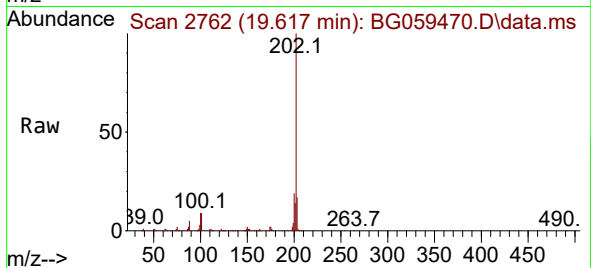




#80
Fluoranthene
Concen: 17.148 ng/ul
RT: 19.617 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

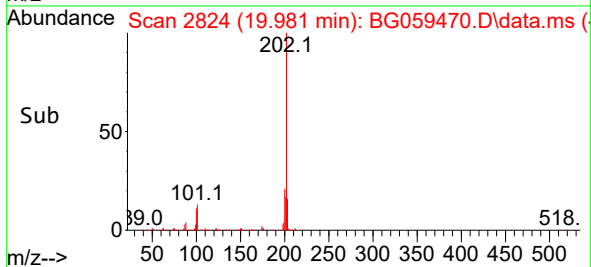
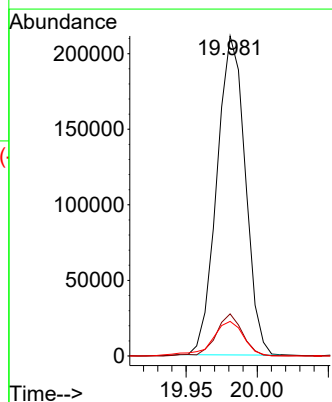
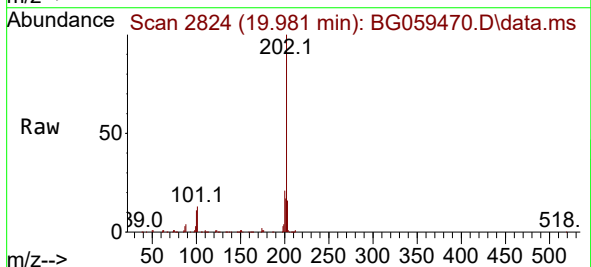
Instrument :
BNA_G
ClientSampleId :
SICV419

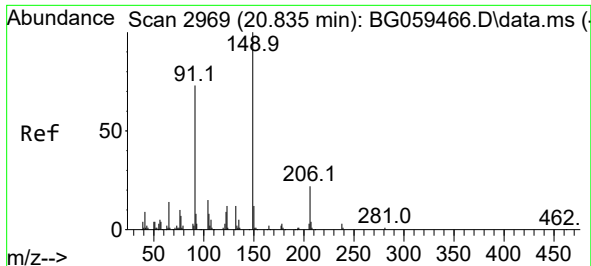
Tgt Ion:202 Resp: 279497
Ion Ratio Lower Upper
202 100
101 9.0 7.4 11.0
100 8.6 6.6 10.0



#82
Pyrene
Concen: 16.698 ng/ul
RT: 19.981 min Scan# 2824
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:202 Resp: 292821
Ion Ratio Lower Upper
202 100
101 13.1 10.5 15.7
100 10.8 9.2 13.8

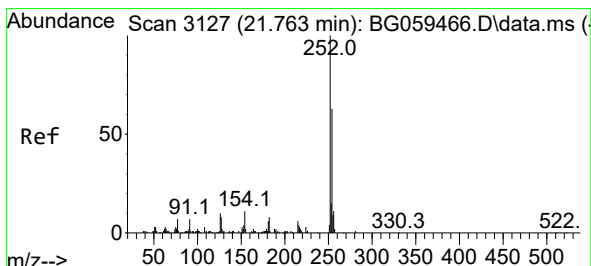
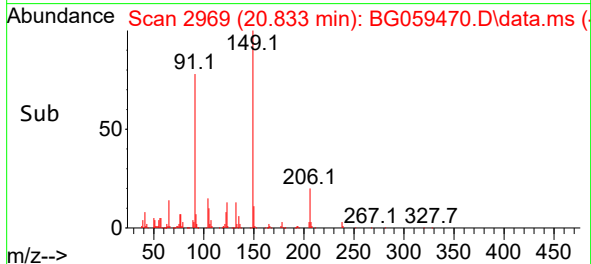
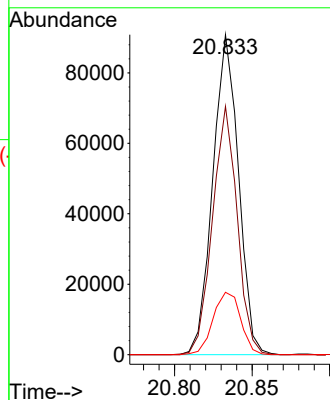
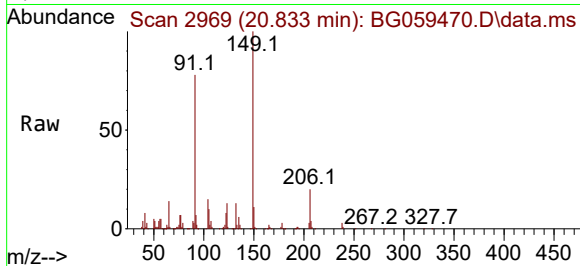




#83
 Butylbenzylphthalate
 Concen: 17.930 ng/ul
 RT: 20.833 min Scan# 2969
 Delta R.T. -0.002 min
 Lab File: BG059470.D
 Acq: 17 Oct 2023 23:45

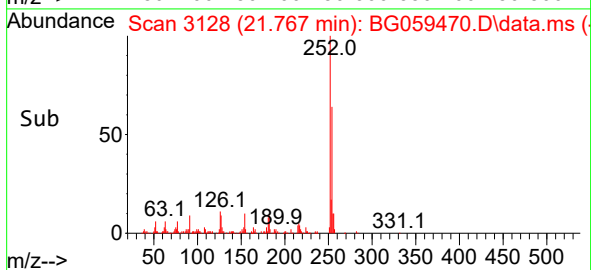
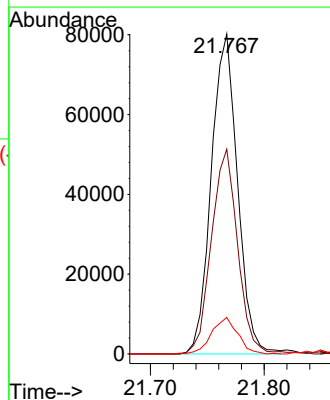
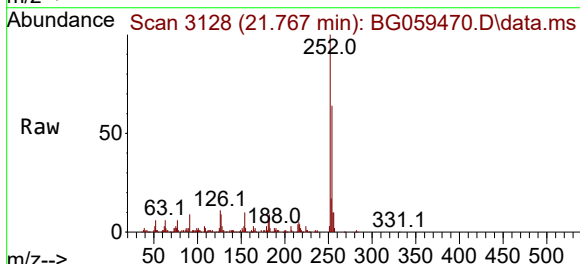
Instrument :
 BNA_G
 ClientSampleId :
 SICV419

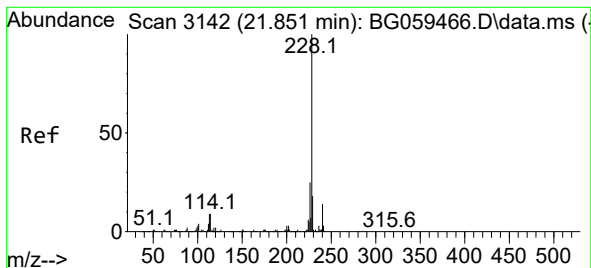
Tgt Ion:149 Resp: 104692
 Ion Ratio Lower Upper
 149 100
 91 77.6 58.4 87.6
 206 19.5 17.8 26.8



#84
 3,3'-Dichlorobenzidine
 Concen: 21.594 ng/ul
 RT: 21.767 min Scan# 3128
 Delta R.T. 0.004 min
 Lab File: BG059470.D
 Acq: 17 Oct 2023 23:45

Tgt Ion:252 Resp: 128333
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.6 75.8
 126 11.4 7.8 11.8





#85

Benzo(a)anthracene

Concen: 20.508 ng/ul

RT: 21.849 min Scan# 3142

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

Instrument :

BNA_G

ClientSampleId :

SICV419

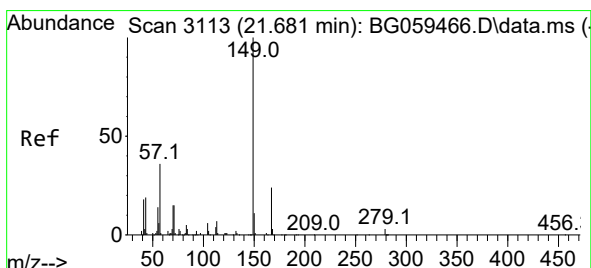
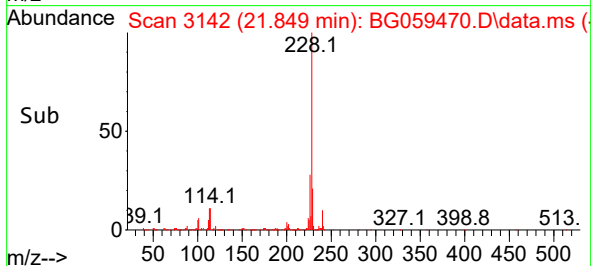
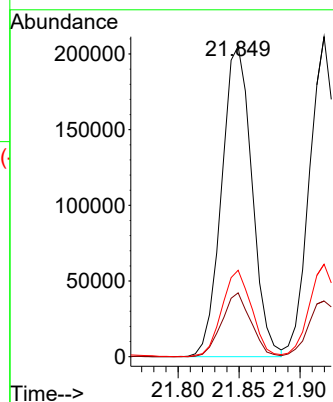
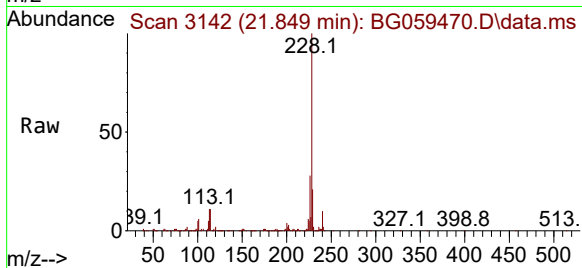
Tgt Ion:228 Resp: 355631

Ion Ratio Lower Upper

228 100

229 20.6 14.6 21.8

226 27.8 20.2 30.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.130 ng/ul

RT: 21.679 min Scan# 3113

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

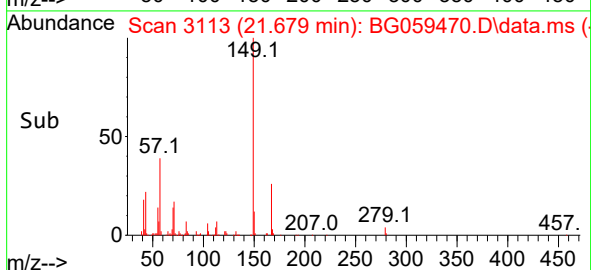
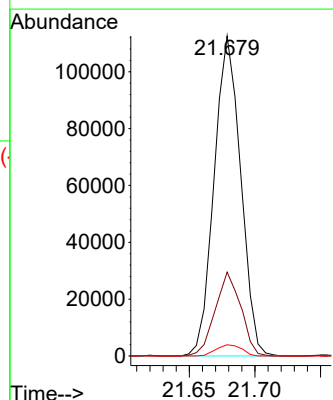
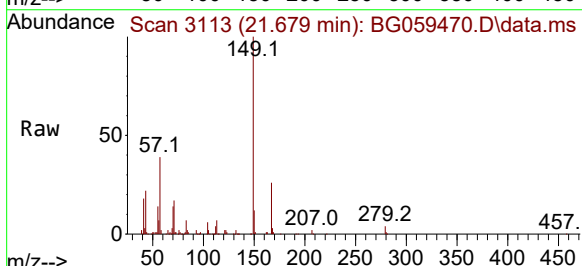
Tgt Ion:149 Resp: 158098

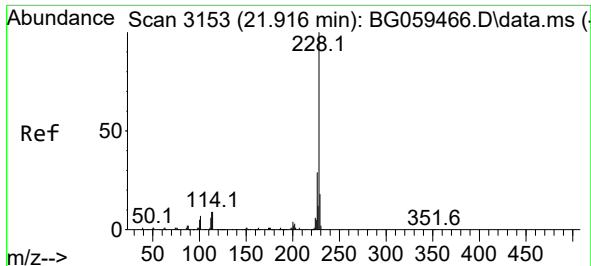
Ion Ratio Lower Upper

149 100

167 26.2 18.9 28.3

279 3.5 2.6 4.0





#87

Chrysene

Concen: 20.552 ng/ul

RT: 21.920 min Scan# 3153

Delta R.T. 0.004 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

Instrument :

BNA_G

ClientSampleId :

SICV419

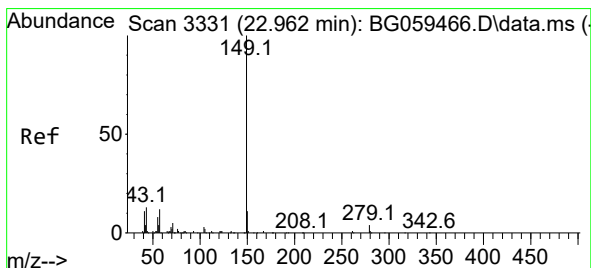
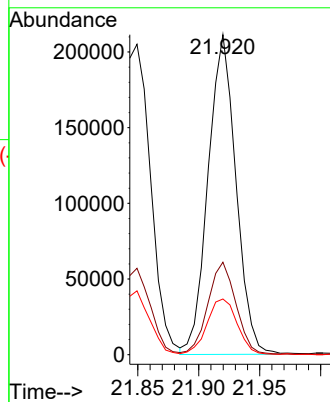
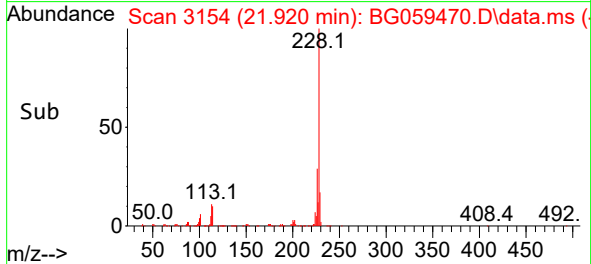
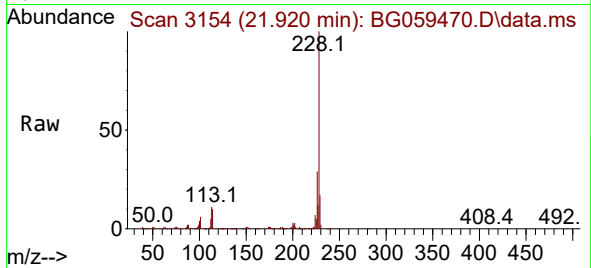
Tgt Ion:228 Resp: 336029

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.0

229 17.4 14.3 21.5



#89

Di-n-octyl phthalate

Concen: 26.368 ng/ul

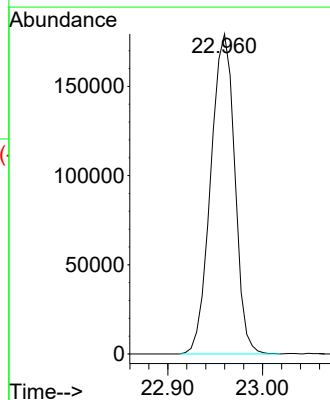
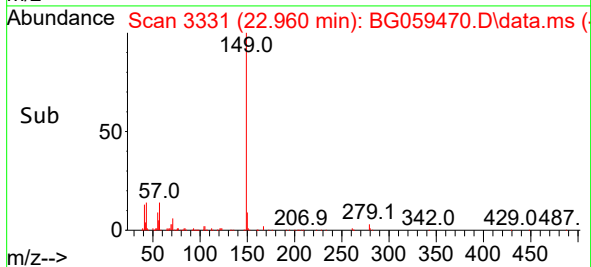
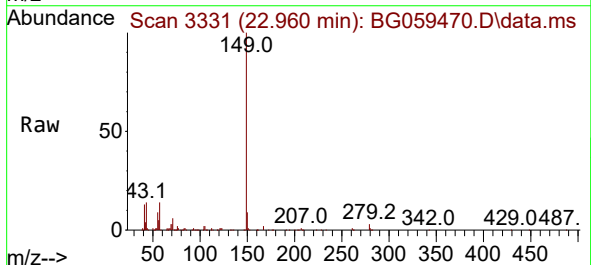
RT: 22.960 min Scan# 3331

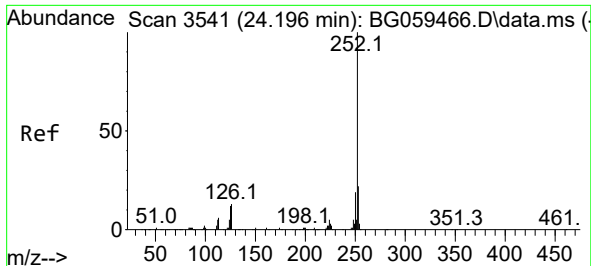
Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

Tgt Ion:149 Resp: 315980

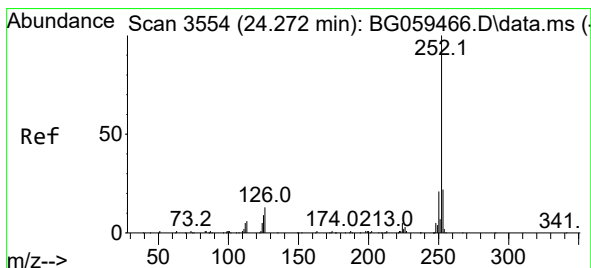
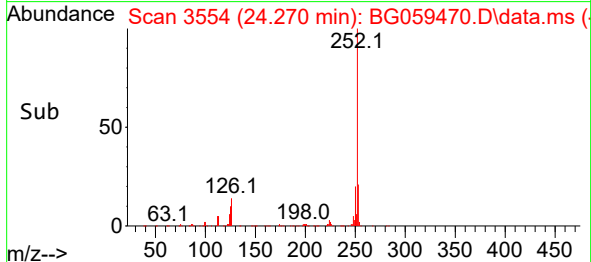
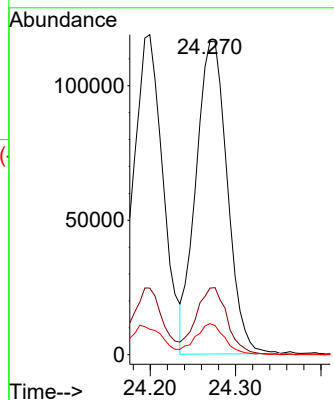
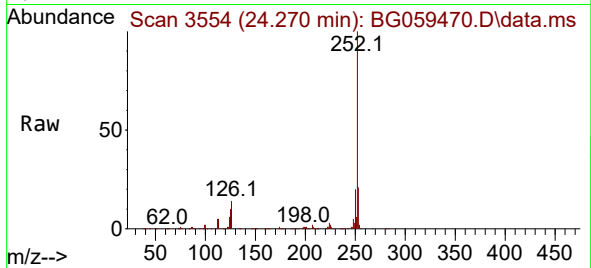




#90
Benzo(b)fluoranthene
Concen: 20.976 ng/ul
RT: 24.270 min Scan# 3554
Delta R.T. 0.074 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

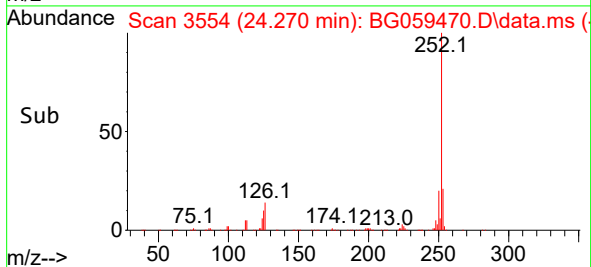
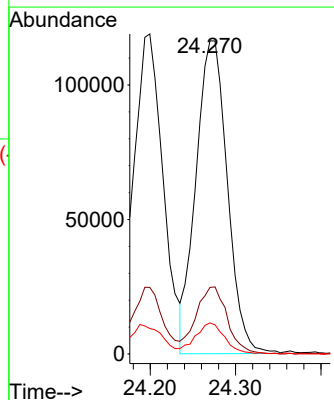
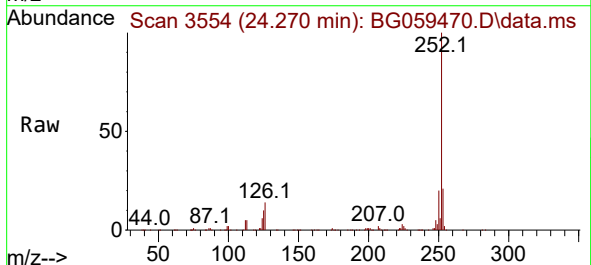
Instrument :
BNA_G
ClientSampleId :
SICV419

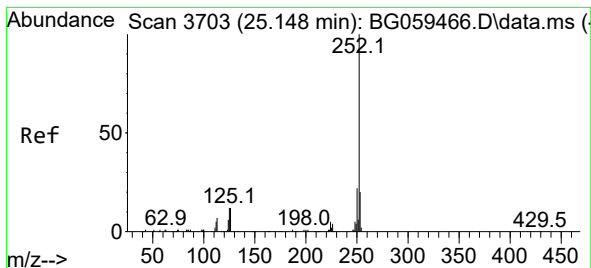
Tgt Ion:252 Resp: 296313
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 9.9 9.8 14.6



#91
Benzo(k)fluoranthene
Concen: 20.636 ng/ul
RT: 24.270 min Scan# 3554
Delta R.T. -0.002 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:252 Resp: 297603
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 9.9 7.2 10.8





#93

Benzo(a)pyrene

Concen: 20.675 ng/ul

RT: 25.151 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

Instrument :

BNA_G

ClientSampleId :

SICV419

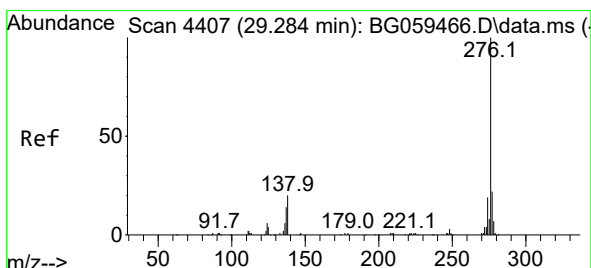
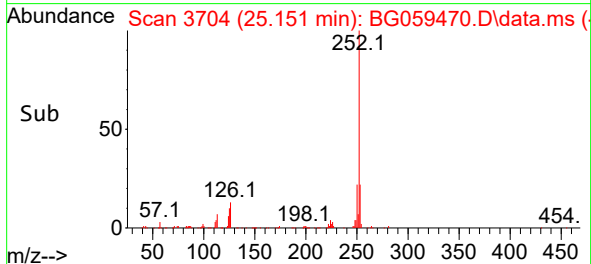
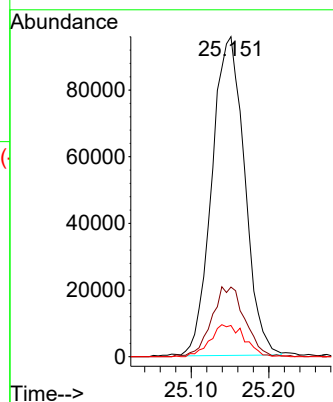
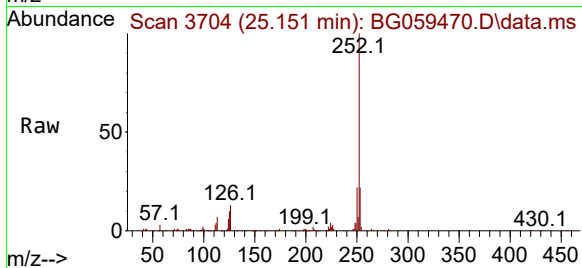
Tgt Ion:252 Resp: 280072

Ion Ratio Lower Upper

252 100

253 21.8 16.2 24.4

125 9.8 9.6 14.4



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.426 ng/ul

RT: 29.282 min Scan# 4407

Delta R.T. -0.002 min

Lab File: BG059470.D

Acq: 17 Oct 2023 23:45

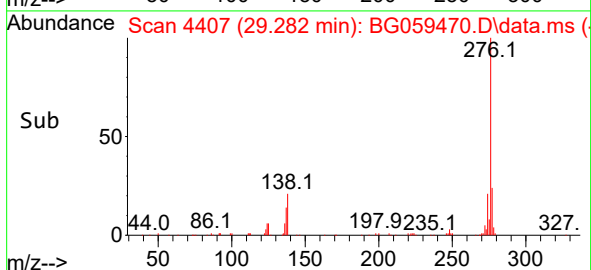
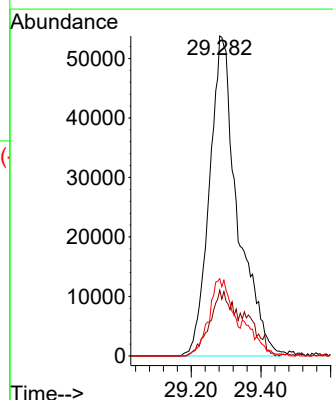
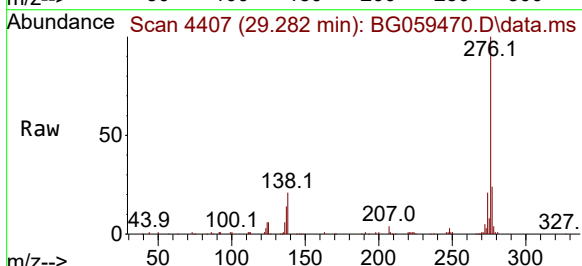
Tgt Ion:276 Resp: 302064

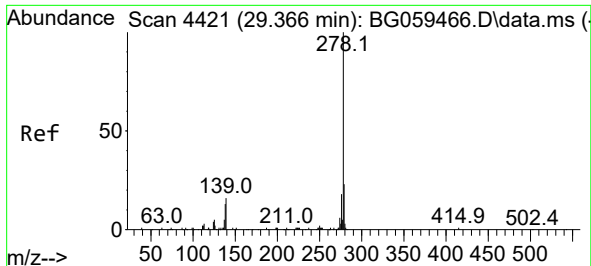
Ion Ratio Lower Upper

276 100

138 20.6 16.1 24.1

277 24.1 17.4 26.2

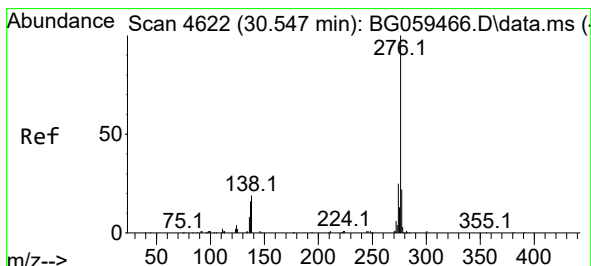
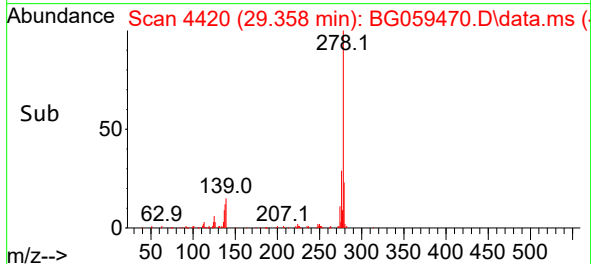
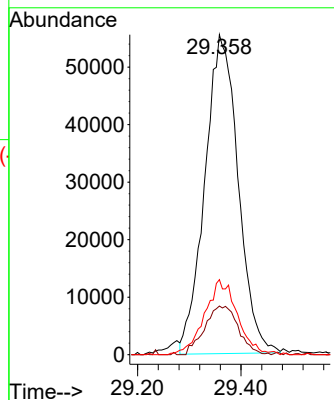
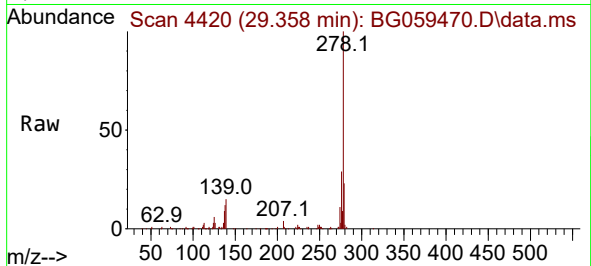




#95
Dibenzo(a,h)anthracene
Concen: 19.065 ng/ul
RT: 29.358 min Scan# 4421
Delta R.T. -0.008 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Instrument :
BNA_G
ClientSampleId :
SICV419

Tgt Ion:278 Resp: 248176
Ion Ratio Lower Upper
278 100
139 15.2 12.6 18.8
279 23.5 18.6 27.8



#96
Benzo(g,h,i)perylene
Concen: 10.953 ng/ul
RT: 30.551 min Scan# 4623
Delta R.T. 0.004 min
Lab File: BG059470.D
Acq: 17 Oct 2023 23:45

Tgt Ion:276 Resp: 148812
Ion Ratio Lower Upper
276 100
138 24.4 15.1 22.7#
277 24.4 17.4 26.2

