

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
 Data File : BG059074.D
 Acq On : 15 Sep 2023 18:59
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV427

Quant Time: Sep 16 00:37:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 00:35:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	35505	20.000	ng/u1	0.00
20) Naphthalene-d8	11.144	136	251059	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.928	164	181863	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.677	188	400230	20.000	ng/u1	0.00
79) Chrysene-d12	22.002	240	349066	20.000	ng/u1	0.00
88) Perylene-d12	25.551	264	399757	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	6705	8.938	ng/uL	0.00
4) Pyridine-d5	4.035	84	43557	16.574	ng/u1	0.00
7) Phenol-d5	7.407	99	59070	16.712	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.613	67	35845	16.580	ng/u1	0.00
11) 2-Chlorophenol-d4	7.807	132	43864	16.669	ng/u1	0.00
15) 4-Methylphenol-d8	8.976	113	46845	16.313	ng/u1	0.00
21) Nitrobenzene-d5	9.493	128	31841	15.669	ng/u1	0.00
24) 2-Nitrophenol-d4	10.210	143	35060	17.069	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.733	165	67287	17.041	ng/u1	0.00
31) 4-Chloroaniline-d4	11.285	131	106716	17.332	ng/u1	0.00
46) Dimethylphthalate-d6	14.323	166	241930	17.341	ng/u1	0.00
49) Acenaphthylene-d8	14.628	160	258191	17.156	ng/u1	0.00
54) 4-Nitrophenol-d4	15.098	143	46091	16.755	ng/u1	0.00
60) Fluorene-d10	15.915	176	200894	16.703	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.021	200	39148	16.995	ng/u1	0.00
73) Anthracene-d10	17.777	188	311645	17.065	ng/u1	0.00
81) Pyrene-d10	20.051	212	339330	17.116	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.304	264	332359	16.846	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.641	88	8082	7.643	ng/uL	87
5) Pyridine	4.058	79	42341	15.990	ng/u1	92
6) Benzaldehyde	7.437	77	36572	19.790	ng/u1	86
8) Phenol	7.437	94	62110	17.007	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.713	93	48423	17.288	ng/u1	96
12) 2-Chlorophenol	7.842	128	43845	16.322	ng/u1	97
13) 2-Methylphenol	8.717	108	50859	17.194	ng/u1	86
14) 2,2'-oxybis(1-Chloropr...	8.806	45	102175	17.125	ng/u1#	96
16) Acetophenone	9.140	105	81067	17.117	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.099	70	39397	16.050	ng/u1	97
18) 4-Methylphenol	9.046	108	55241	16.830	ng/u1	97
19) Hexachloroethane	9.387	117	22384	20.726	ng/u1#	83
22) Nitrobenzene	9.540	77	78961	15.758	ng/u1	98
23) Isophorone	10.039	82	172108	17.013	ng/u1	100
25) 2-Nitrophenol	10.239	139	37598	16.556	ng/u1	93
26) 2,4-Dimethylphenol	10.268	107	77802	16.970	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.527	93	96551	16.577	ng/u1	96
29) 2,4-Dichlorophenol	10.762	162	67748	17.096	ng/u1	99
30) Naphthalene	11.191	128	231366	16.997	ng/u1	96
32) 4-Chloroaniline	11.308	127	102588	17.321	ng/u1	99
33) Hexachlorobutadiene	11.420	225	37207	16.567	ng/u1	93
34) Caprolactam	12.084	113	26110	17.067	ng/u1	84
35) 4-Chloro-3-methylphenol	12.378	107	82004	17.157	ng/u1	96
36) 2-Methylnaphthalene	12.777	142	157633	16.981	ng/u1	98

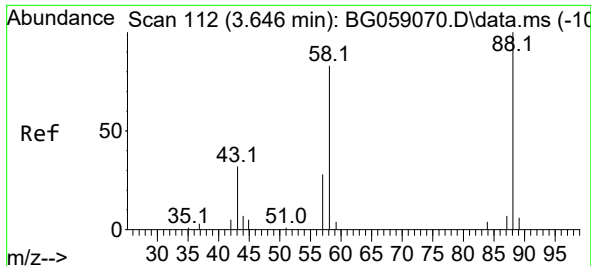
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 00:35:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.989	142	159925	16.804	ng/ul	89
39) 1,2,4,5-Tetrachloroben...	13.118	216	75013	15.994	ng/ul	93
40) Hexachlorocyclopentadiene	13.071	237	51174	17.880	ng/ul	98
41) 2,4,6-Trichlorophenol	13.359	196	59799	17.012	ng/ul#	96
42) 2,4,5-Trichlorophenol	13.424	196	63222	16.425	ng/ul	94
43) 1,1'-Biphenyl	13.764	154	216451	16.707	ng/ul	97
44) 2-Chloronaphthalene	13.817	162	179058	16.653	ng/ul	97
45) 2-Nitroaniline	14.035	65	63981	16.876	ng/ul	97
47) Dimethylphthalate	14.370	163	243587	17.147	ng/ul	98
48) 2,6-Dinitrotoluene	14.511	165	47713	16.980	ng/ul	90
50) Acenaphthylene	14.657	152	297852	16.625	ng/ul	99
51) 3-Nitroaniline	14.851	138	51904	17.833	ng/ul	92
52) Acenaphthene	14.992	153	193619	16.634	ng/ul	98
53) 2,4-Dinitrophenol	15.045	184	32833	21.248	ng/ul	97
55) 4-Nitrophenol	15.116	109	33890	16.857	ng/ul	83
56) Dibenzofuran	15.321	168	280263	16.696	ng/ul	98
57) 2,4-Dinitrotoluene	15.286	165	69749	17.202	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.533	232	56400	16.578	ng/ul#	94
59) Diethylphthalate	15.715	149	245363	17.034	ng/ul	100
61) Fluorene	15.974	166	243249	17.087	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.956	204	110545	16.992	ng/ul	95
63) 4-Nitroaniline	16.009	138	47909	17.399	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.038	198	42105	17.022	ng/ul#	94
67) N-Nitrosodiphenylamine	16.173	169	204720	17.267	ng/ul	97
68) 4-Bromophenyl-phenylether	16.855	248	68191	17.209	ng/ul	97
69) Hexachlorobenzene	16.943	284	76410	17.062	ng/ul	97
70) Atrazine	17.108	200	74961	17.744	ng/ul	97
71) Pentachlorophenol	17.296	266	47925	16.857	ng/ul	89
72) Phenanthrene	17.724	178	378903	16.988	ng/ul	100
74) Anthracene	17.813	178	395446	17.145	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.723	216	84575	17.603	ng/ul	95
76) Pentachlorobenzene	15.216	250	82939	17.846	ng/ul	93
77) Carbazole	18.089	167	356959	17.149	ng/ul	98
78) Di-n-butylphthalate	18.600	149	434232	16.068	ng/ul	99
80) Fluoranthene	19.716	202	426646	17.074	ng/ul	97
82) Pyrene	20.081	202	446098	17.075	ng/ul	97
83) Butylbenzylphthalate	20.938	149	181237	17.015	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.890	252	147443	17.617	ng/ul	95
85) Benzo(a)anthracene	21.978	228	420540	16.755	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.820	149	274336	16.832	ng/ul	99
87) Chrysene	22.055	228	391588	16.987	ng/ul	98
89) Di-n-octyl phthalate	23.142	149	466372	17.013	ng/ul	100
90) Benzo(b)fluoranthene	24.399	252	420668	16.924	ng/ul	99
91) Benzo(k)fluoranthene	24.481	252	422679	16.865	ng/ul	98
93) Benzo(a)pyrene	25.386	252	395171	16.802	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.663	276	375982	14.204	ng/ul	99
95) Dibenzo(a,h)anthracene	29.752	278	356984	16.912	ng/ul	98
96) Benzo(g,h,i)perylene	30.962	276	236558	10.966	ng/ul	98

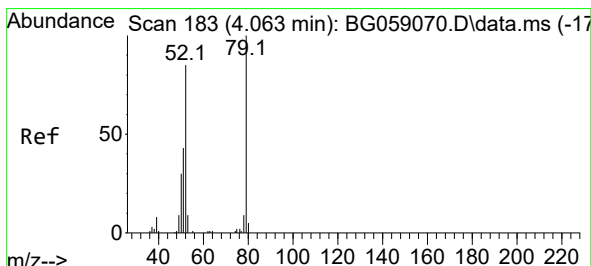
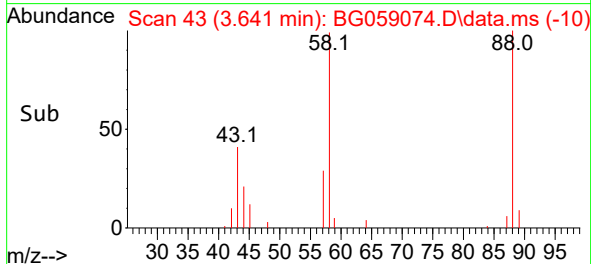
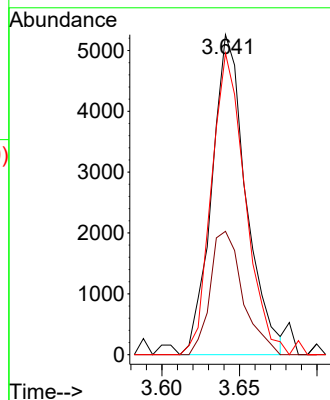
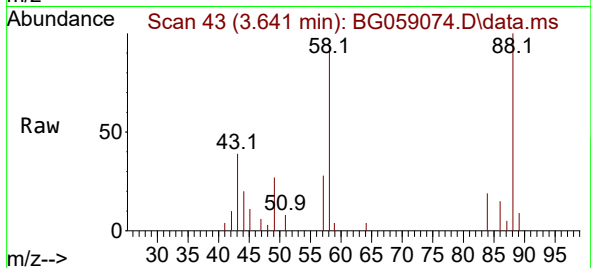
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#2
1,4-Dioxane
Concen: 7.643 ng/uL
RT: 3.641 min Scan# 41
Delta R.T. -0.005 min
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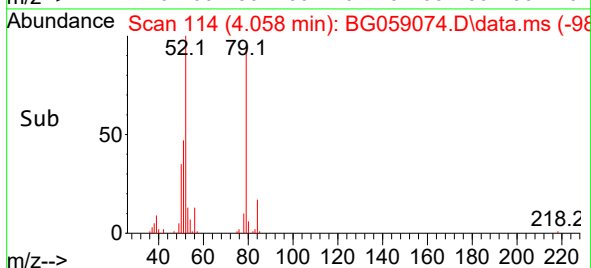
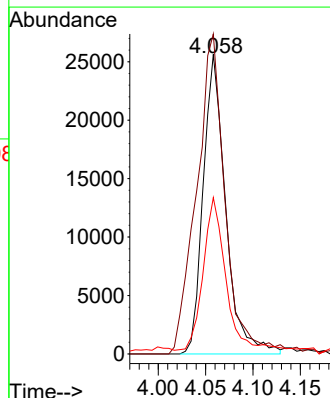
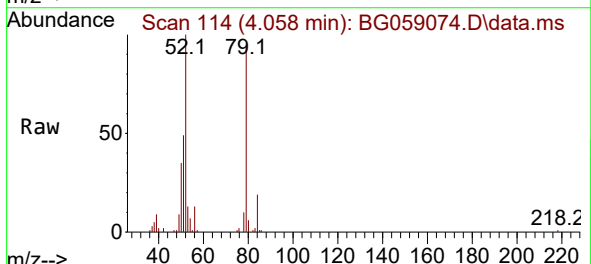
Instrument :
BNA_G
ClientSampleId :
SICV427

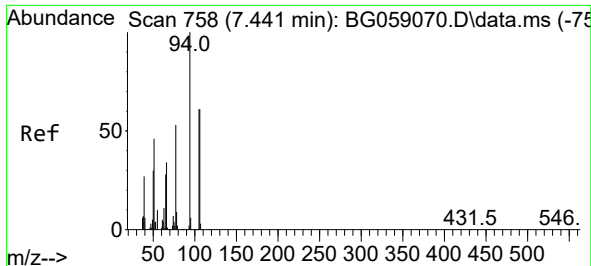
Tgt Ion:	88	Resp:	8082
Ion	Ratio	Lower	Upper
88	100		
43	38.5	25.8	38.6
58	94.2	66.0	99.0



#5
Pyridine
Concen: 15.990 ng/uL
RT: 4.058 min Scan# 114
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:	79	Resp:	42341
Ion	Ratio	Lower	Upper
79	100		
52	106.8	80.6	121.0
51	52.1	35.5	53.3

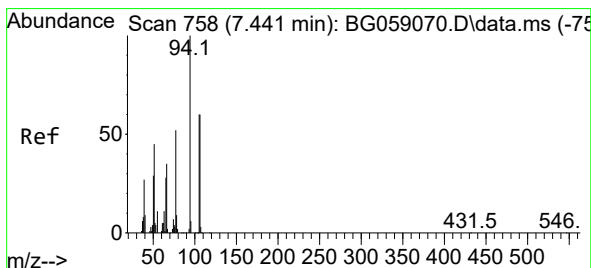
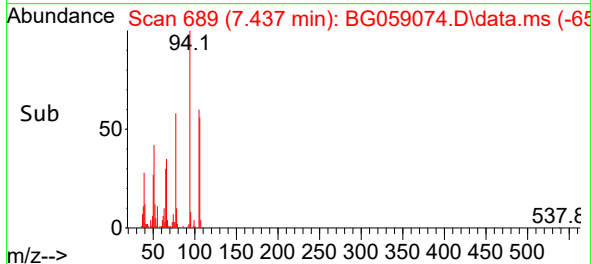
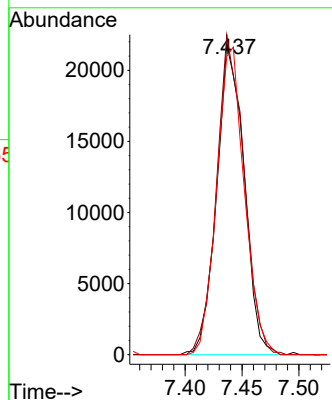
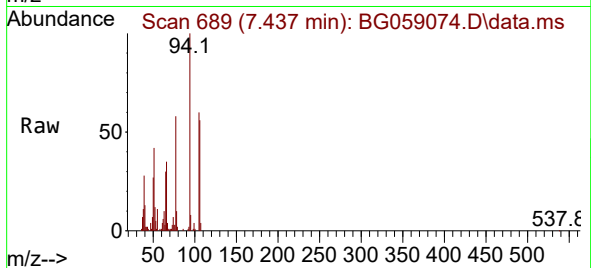




#6
Benzaldehyde
Concen: 19.790 ng/ul
RT: 7.437 min Scan# 689
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

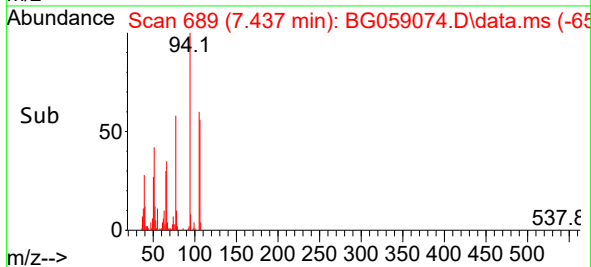
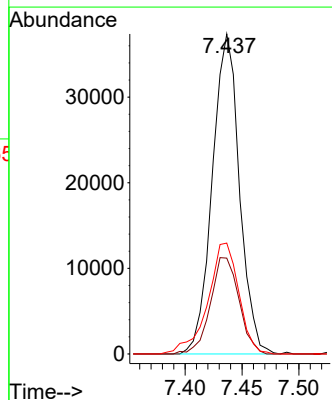
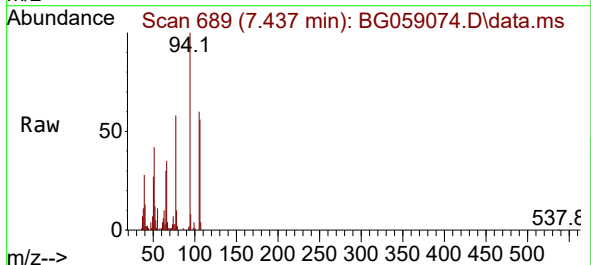
Instrument :
BNA_G
ClientSampleId :
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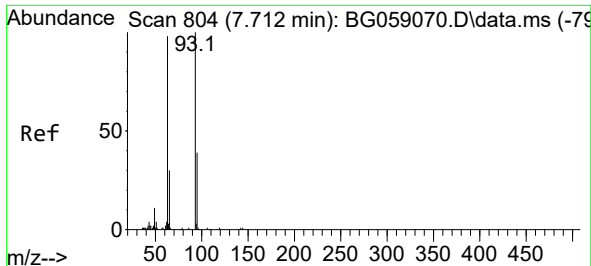
Tgt Ion: 77 Resp: 36572
Ion Ratio Lower Upper
77 100
105 103.2 92.1 138.1
106 96.2 92.3 138.5



#8
Phenol
Concen: 17.007 ng/ul
RT: 7.437 min Scan# 689
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion: 94 Resp: 62110
Ion Ratio Lower Upper
94 100
65 30.0 23.0 34.4
66 34.7 30.6 45.8

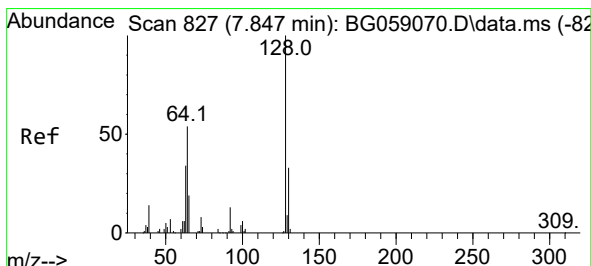
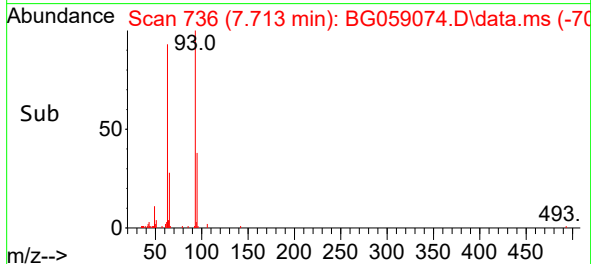
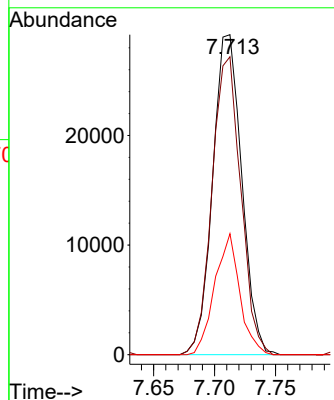
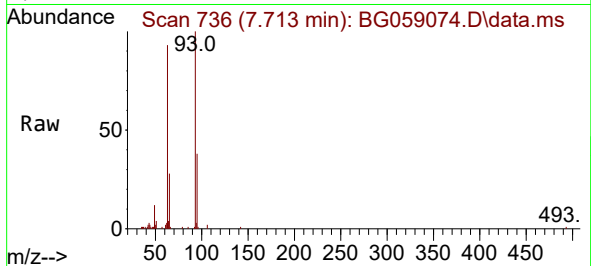




#10
Bis(2-Chloroethyl)ether
Concen: 17.288 ng/ul
RT: 7.713 min Scan# 710
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

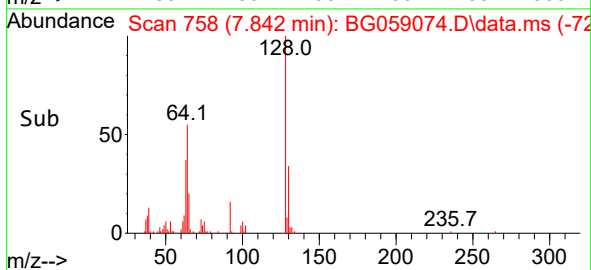
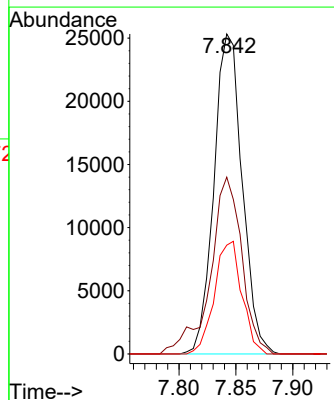
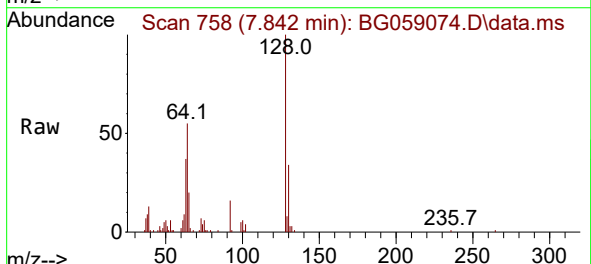
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ClientSampleId :
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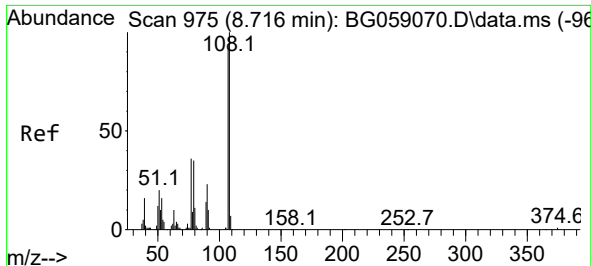
Tgt Ion: 93 Resp: 48423
Ion Ratio Lower Upper
93 100
63 93.1 78.6 117.8
95 37.8 30.9 46.3



#12
2-Chlorophenol
Concen: 16.322 ng/ul
RT: 7.842 min Scan# 758
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:128 Resp: 43845
Ion Ratio Lower Upper
128 100
64 55.2 46.3 69.5
130 34.0 26.9 40.3





#13

2-Methylphenol

Concen: 17.194 ng/ul

RT: 8.717 min Scan# 907

Delta R.T. 0.001 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

Instrument :

BNA_G

ClientSampleId :

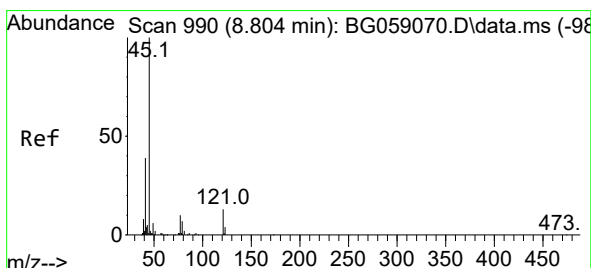
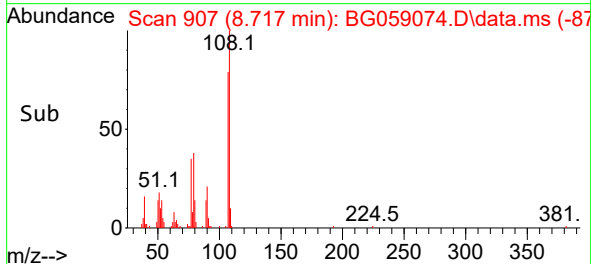
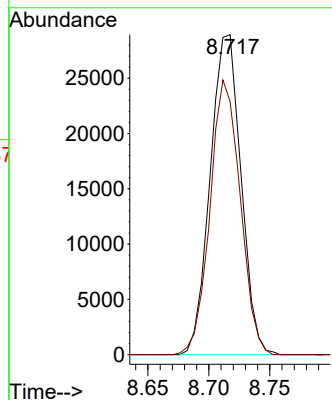
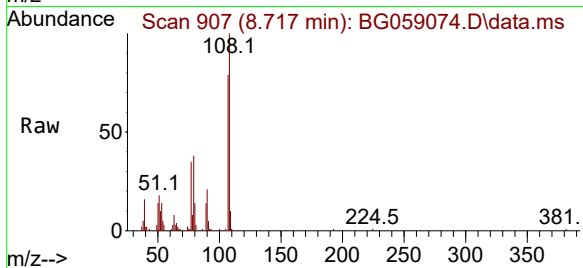
SICV427

Tgt Ion:108 Resp: 50859

Ion Ratio Lower Upper

108 100

107 79.0 74.0 111.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 17.125 ng/ul

RT: 8.806 min Scan# 922

Delta R.T. 0.001 min

Lab File: BG059074.D

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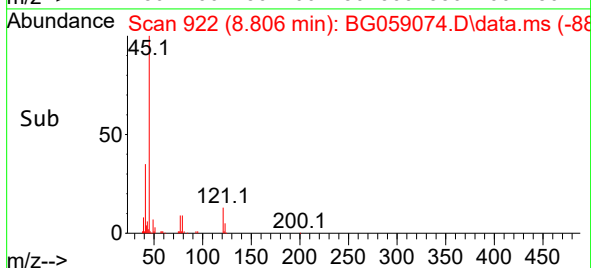
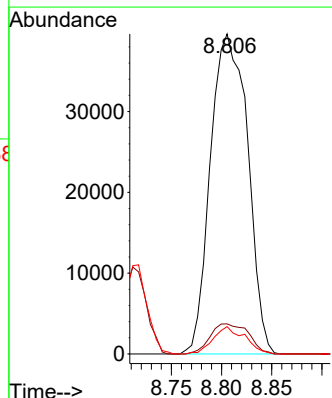
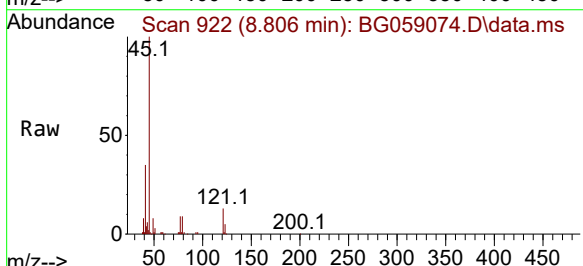
Tgt Ion: 45 Resp: 102175

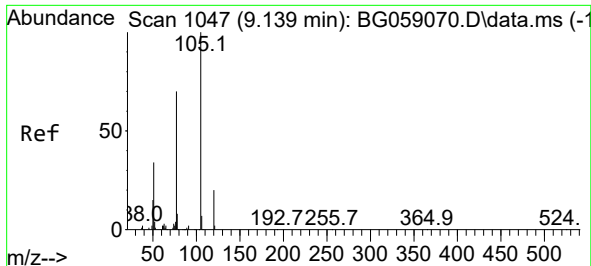
Ion Ratio Lower Upper

45 100

77 9.4 8.3 12.5

79 8.5 5.5 8.3#

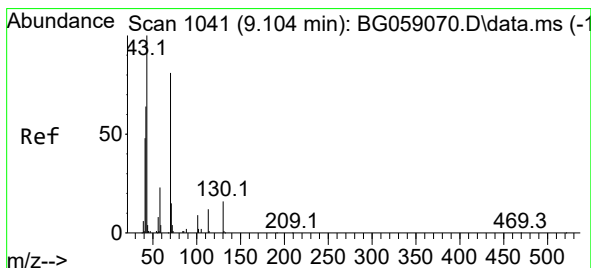
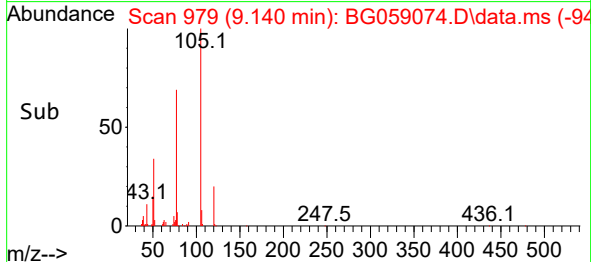
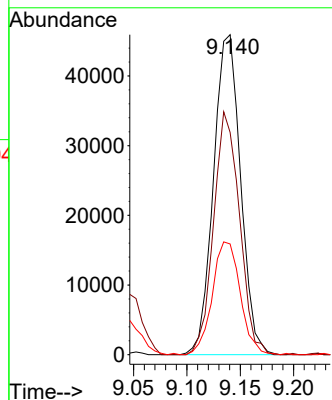
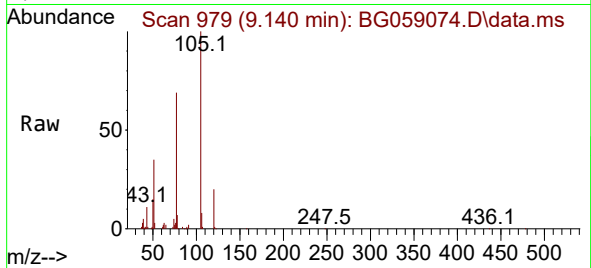




#16
Acetophenone
Concen: 17.117 ng/ul
RT: 9.140 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG059074.D
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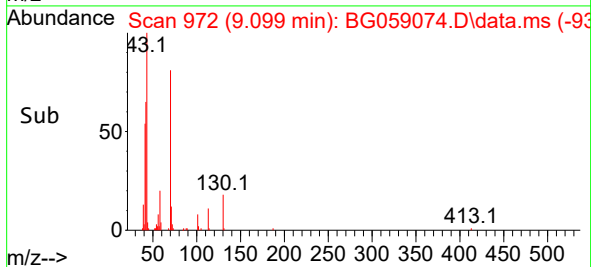
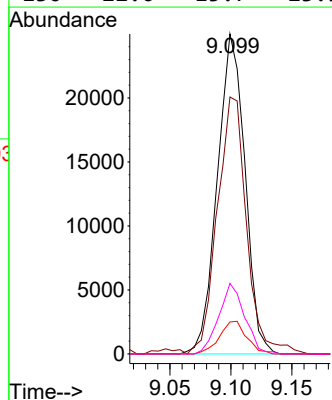
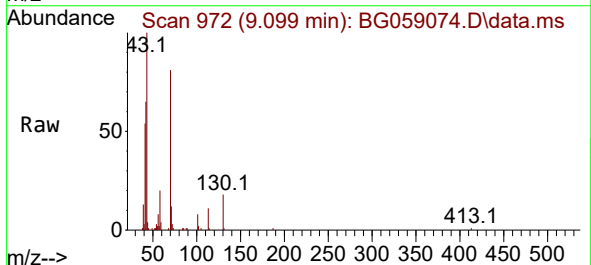
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ClientSampleId :
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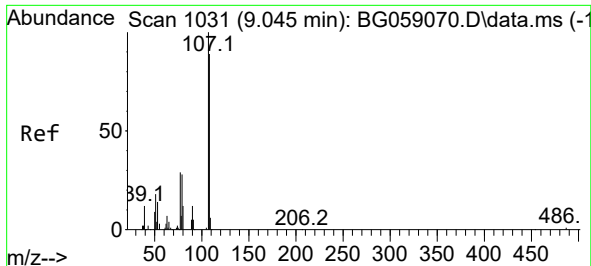
Tgt Ion:105 Resp: 81067
Ion Ratio Lower Upper
105 100
77 69.4 56.2 84.2
51 34.6 28.1 42.1



#17
N-Nitroso-di-n-propylamine
Concen: 16.050 ng/ul
RT: 9.099 min Scan# 972
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion: 70 Resp: 39397
Ion Ratio Lower Upper
70 100
42 80.3 63.0 94.4
101 10.0 9.1 13.7
130 22.0 15.7 23.5

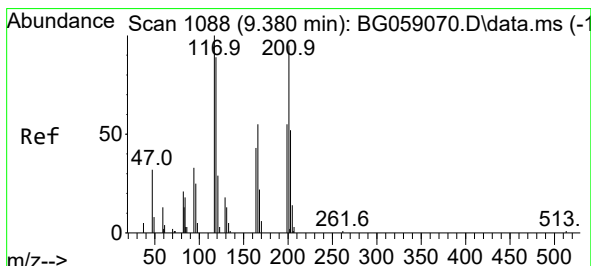
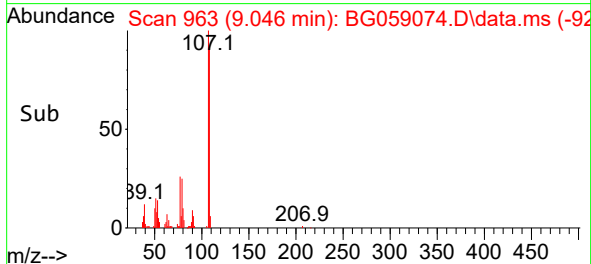
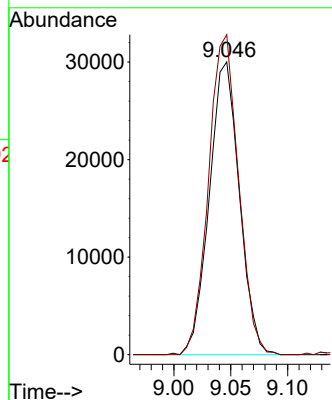
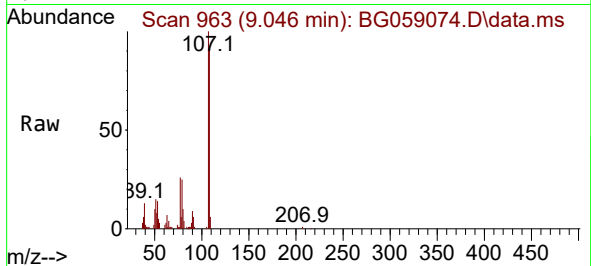




#18
4-Methylphenol
Concen: 16.830 ng/ul
RT: 9.046 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

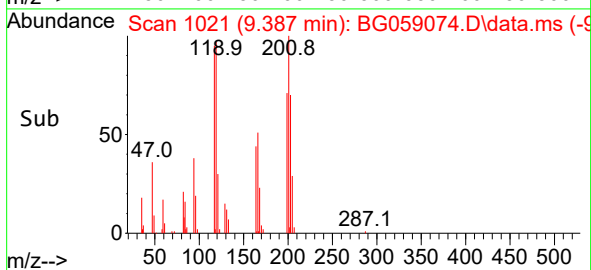
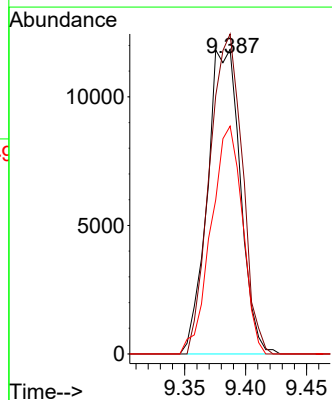
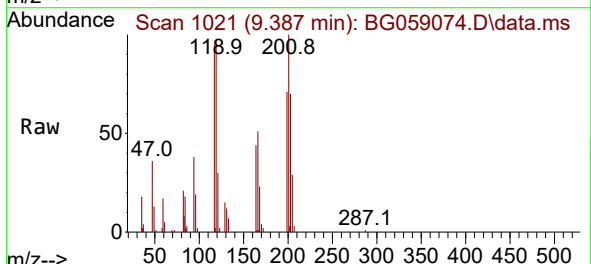
Instrument :
BNA_G
ClientSampleId :
SICV427

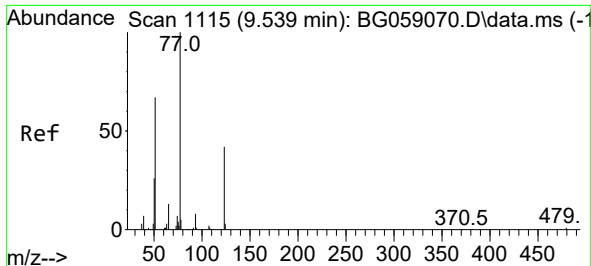
Tgt Ion:108 Resp: 55241
Ion Ratio Lower Upper
108 100
107 109.3 89.9 134.9



#19
Hexachloroethane
Concen: 20.726 ng/ul
RT: 9.387 min Scan# 1021
Delta R.T. 0.007 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:117 Resp: 22384
Ion Ratio Lower Upper
117 100
201 105.1 75.8 113.6
199 74.8 43.7 65.5#

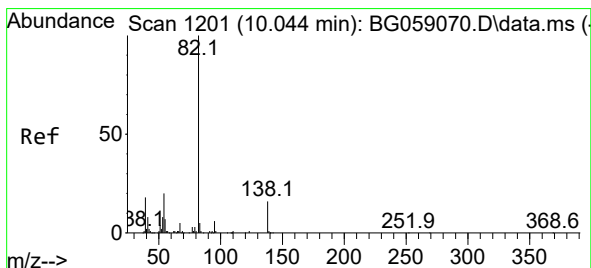
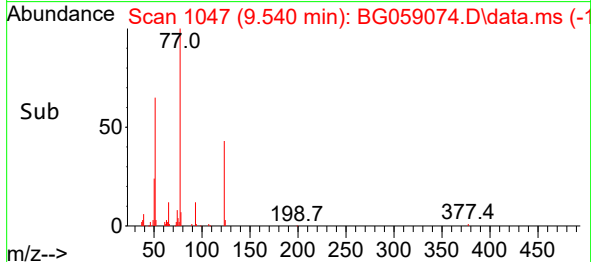
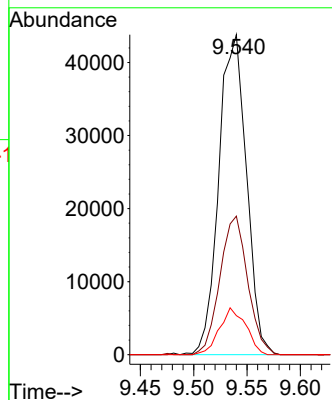
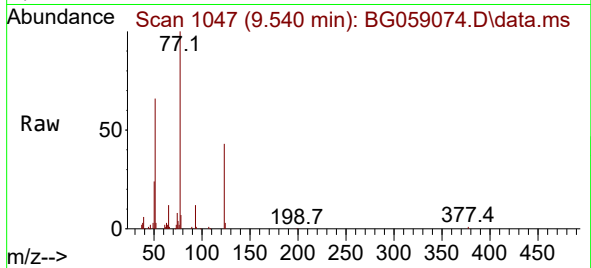




#22
Nitrobenzene
Concen: 15.758 ng/ul
RT: 9.540 min Scan# 1115
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

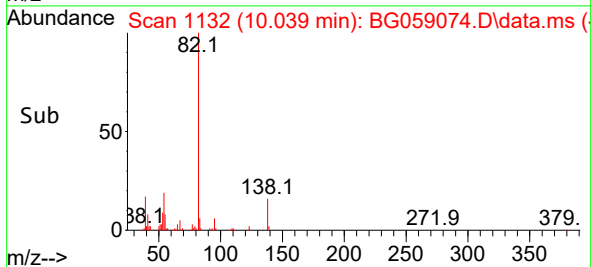
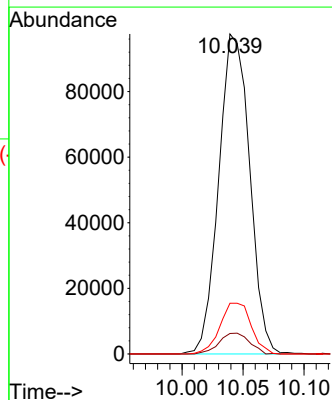
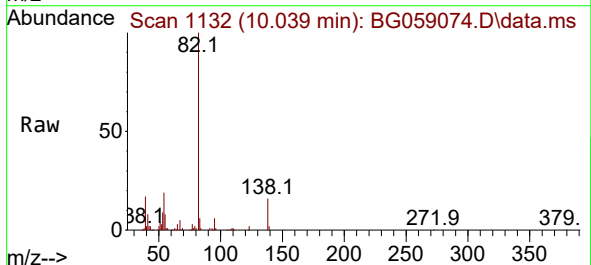
Instrument :
BNA_G
ClientSampleId :
SICV427

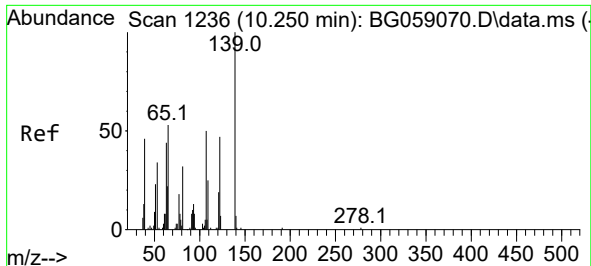
Tgt Ion: 77 Resp: 78961
Ion Ratio Lower Upper
77 100
123 43.3 34.1 51.1
65 12.2 11.0 16.6



#23
Isophorone
Concen: 17.013 ng/ul
RT: 10.039 min Scan# 1132
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion: 82 Resp: 172108
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 15.9 12.9 19.3

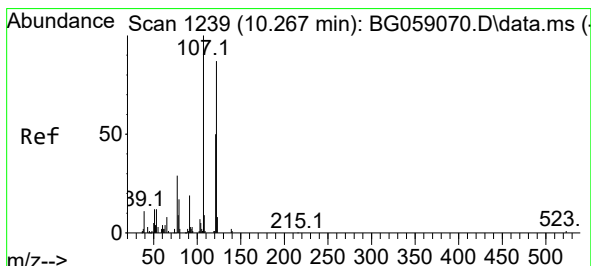
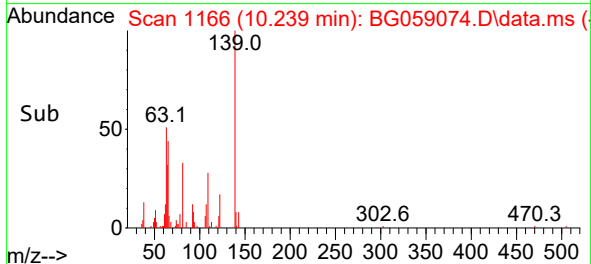
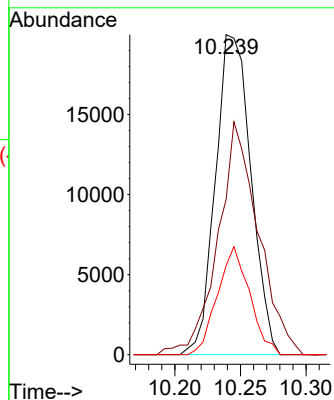
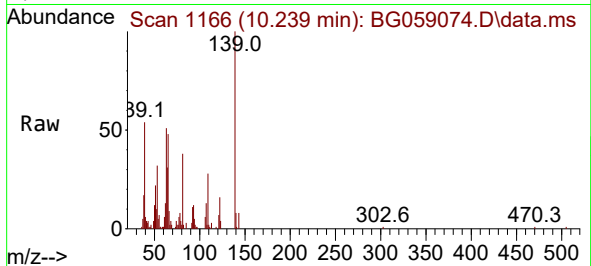




#25
2-Nitrophenol
Concen: 16.556 ng/ul
RT: 10.239 min Scan# 1166
Delta R.T. -0.011 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

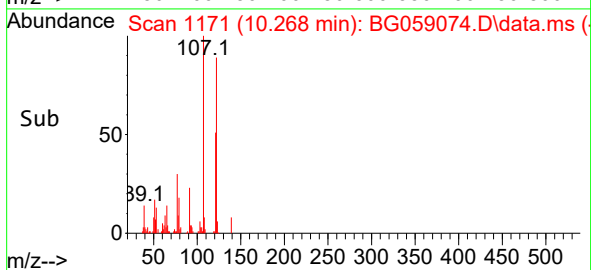
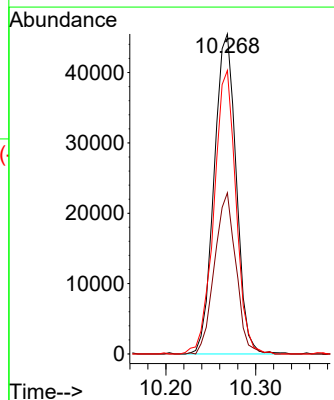
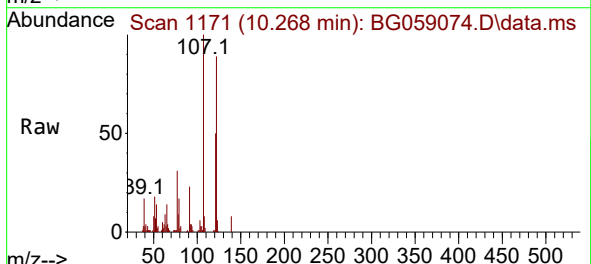
Instrument :
BNA_G
ClientSampleId :
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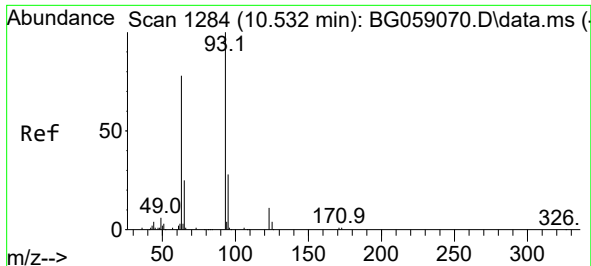
Tgt Ion:	139	Resp:	37598
Ion Ratio	Lower	Upper	
139	100		
65	48.5	43.0	64.4
109	27.9	19.7	29.5



#26
2,4-Dimethylphenol
Concen: 16.970 ng/ul
RT: 10.268 min Scan# 1171
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:	107	Resp:	77802
Ion Ratio	Lower	Upper	
107	100		
121	50.3	39.7	59.5
122	88.6	69.9	104.9

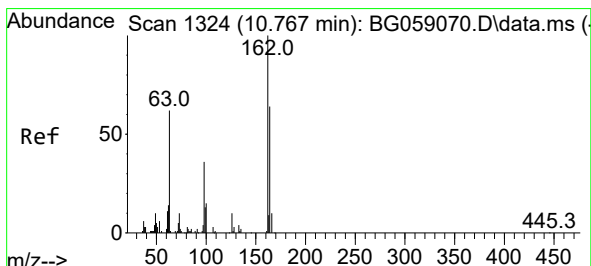
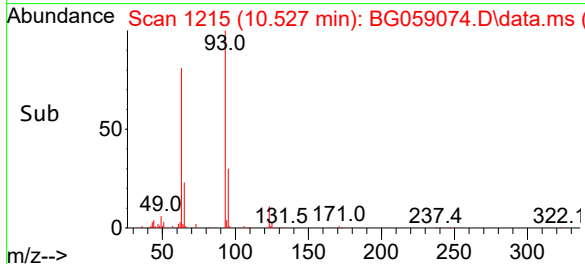
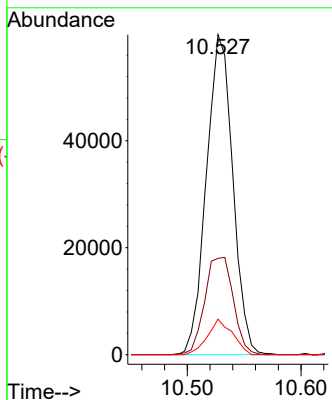
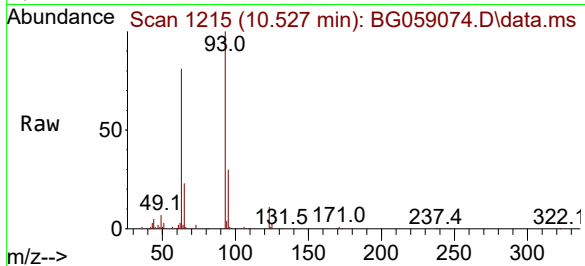




#27
 Bis(2-Chloroethoxy)methane
 Concen: 16.577 ng/ul
 RT: 10.527 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BG059074.D
 Acq: 15 Sep 2023 18:59

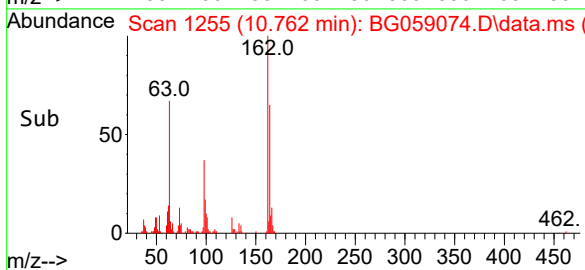
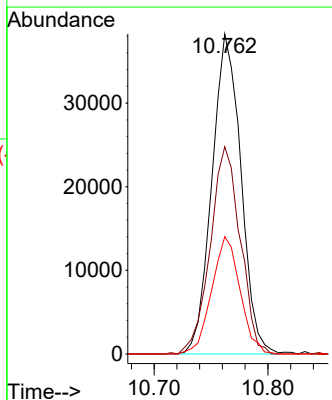
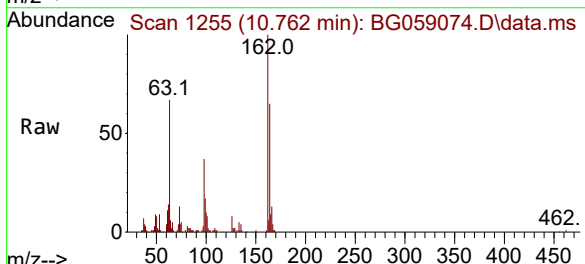
Instrument :
 BNA_G
 ClientSampleId :
 SICV427

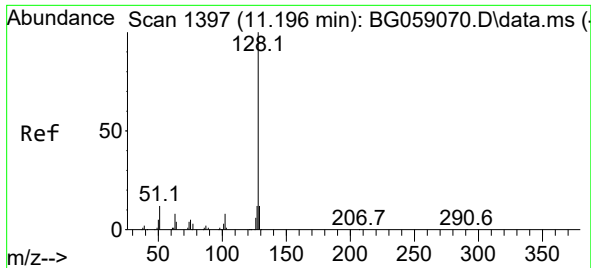
Tgt Ion: 93	Resp:	96551
Ion Ratio	Lower	Upper
93	100	
95	30.1	22.2 33.2
123	11.1	8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 17.096 ng/ul
 RT: 10.762 min Scan# 1255
 Delta R.T. -0.005 min
 Lab File: BG059074.D
 Acq: 15 Sep 2023 18:59

Tgt Ion: 162	Resp:	67748
Ion Ratio	Lower	Upper
162	100	
164	64.7	51.0 76.6
98	36.7	28.9 43.3

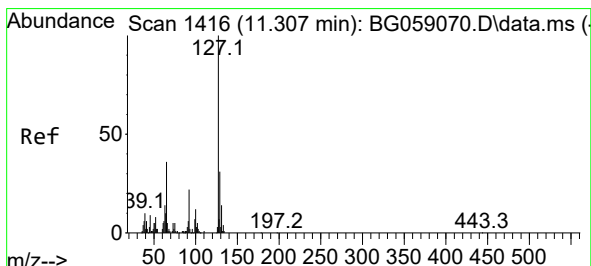
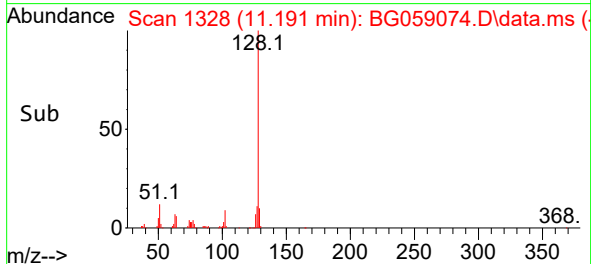
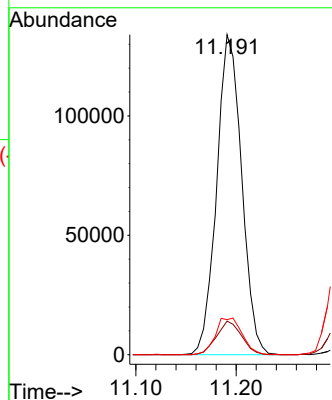
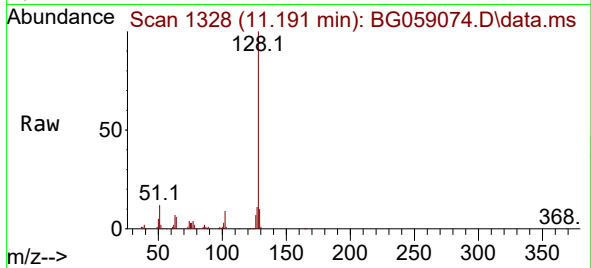




#30
Naphthalene
Concen: 16.997 ng/ul
RT: 11.191 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

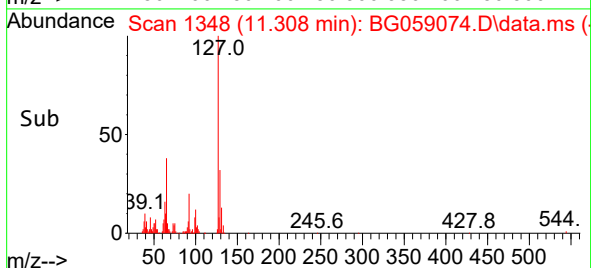
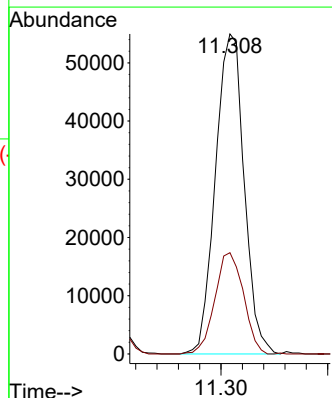
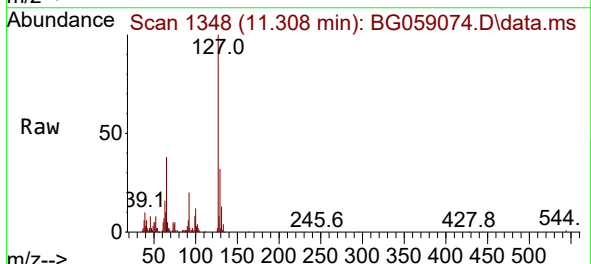
Instrument :
BNA_G
ClientSampleId :
SICV427

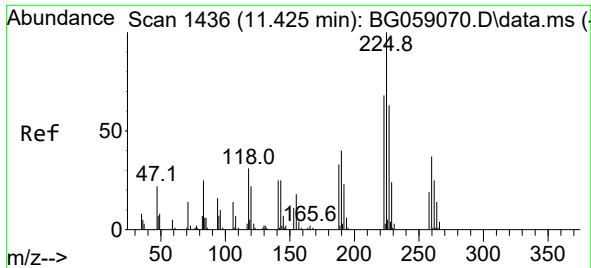
Tgt Ion:128 Resp: 231366
Ion Ratio Lower Upper
128 100
129 10.5 9.8 14.8
127 11.0 9.8 14.6



#32
4-Chloroaniline
Concen: 17.321 ng/ul
RT: 11.308 min Scan# 1348
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:127 Resp: 102588
Ion Ratio Lower Upper
127 100
129 31.7 24.9 37.3

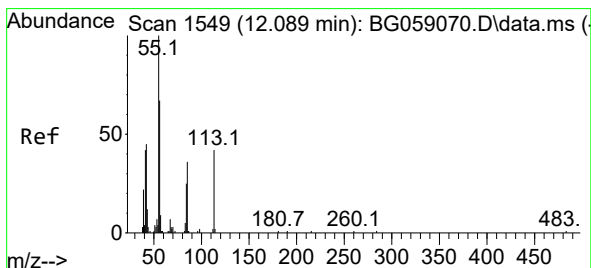
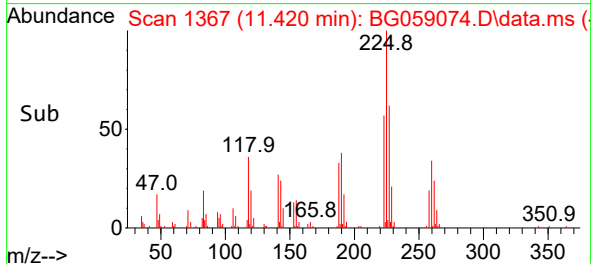
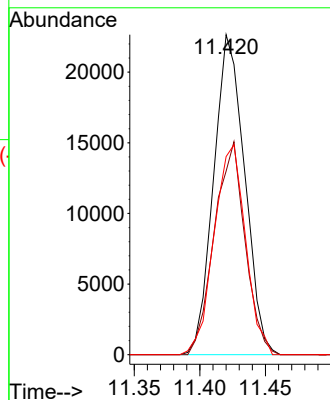
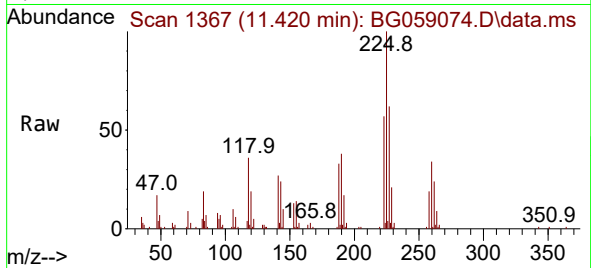




#33
Hexachlorobutadiene
Concen: 16.567 ng/ul
RT: 11.420 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

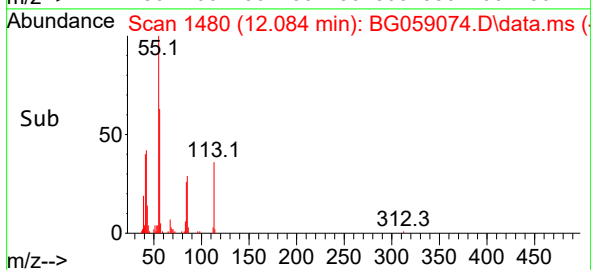
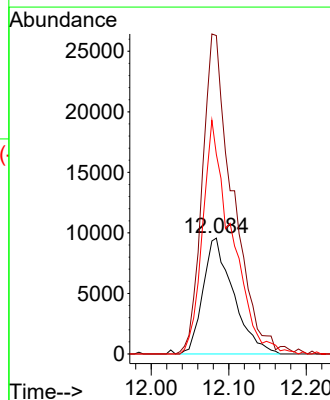
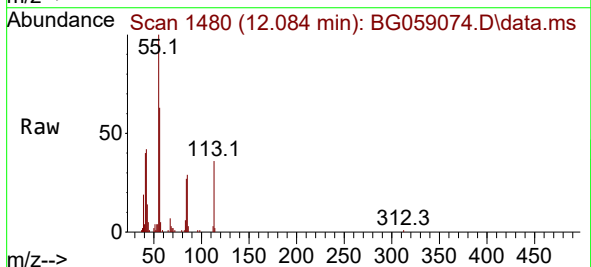
Instrument :
BNA_G
ClientSampleId :
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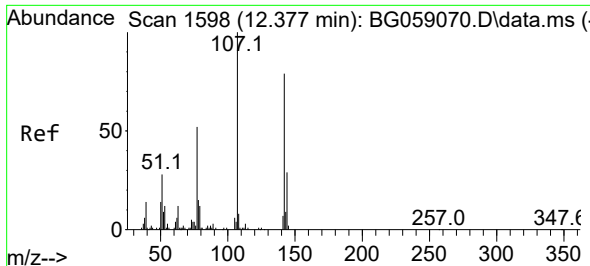
Tgt Ion:225 Resp: 37207
Ion Ratio Lower Upper
225 100
223 57.4 53.1 79.7
227 61.9 47.8 71.8



#34
Caprolactam
Concen: 17.067 ng/ul
RT: 12.084 min Scan# 1480
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:113 Resp: 26110
Ion Ratio Lower Upper
113 100
55 274.8 191.4 287.0
56 172.2 128.8 193.2

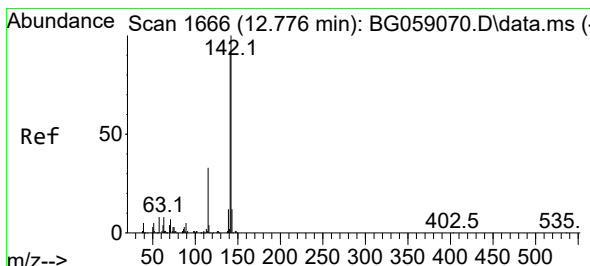
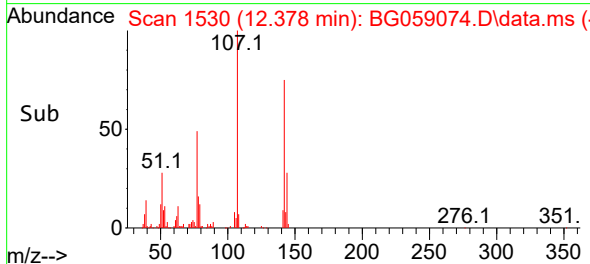
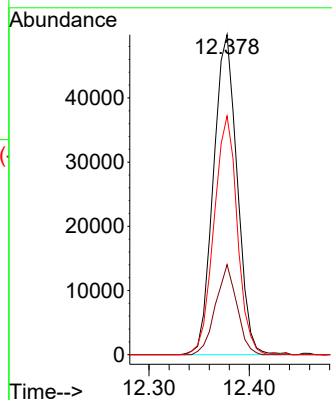
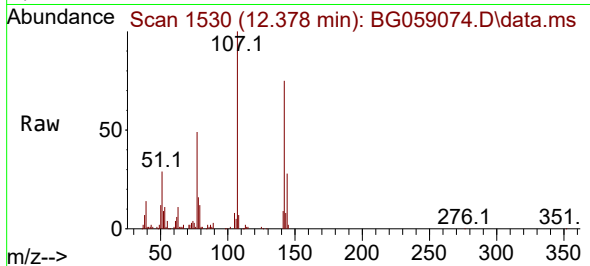




#35
 4-Chloro-3-methylphenol
 Concen: 17.157 ng/ul
 RT: 12.378 min Scan# 1598
 Delta R.T. 0.001 min
 Lab File: BG059074.D
 Acq: 15 Sep 2023 18:59

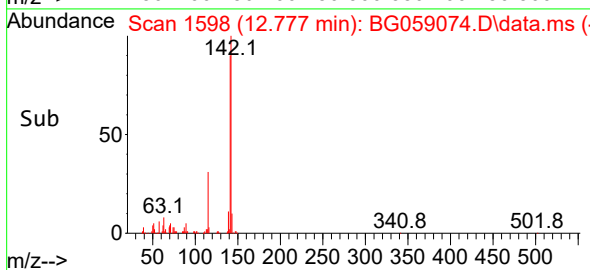
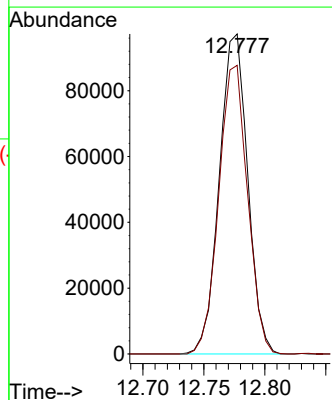
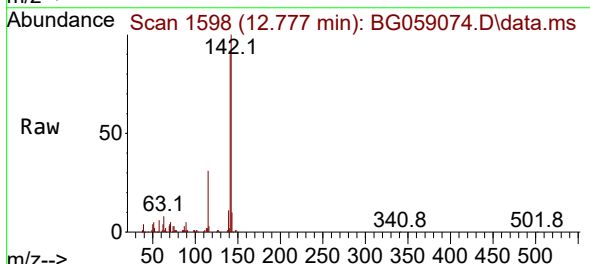
Instrument :
 BNA_G
 ClientSampleId :
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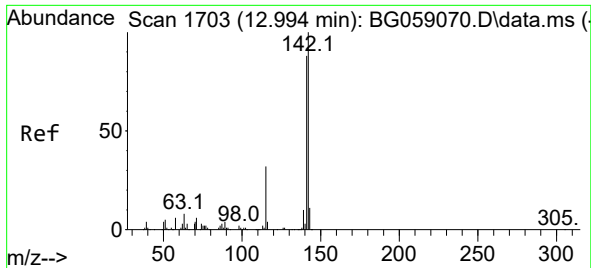
Tgt Ion:107 Resp: 82004
 Ion Ratio Lower Upper
 107 100
 144 28.1 23.1 34.7
 142 74.6 63.1 94.7



#36
 2-Methylnaphthalene
 Concen: 16.981 ng/ul
 RT: 12.777 min Scan# 1598
 Delta R.T. 0.001 min
 Lab File: BG059074.D
 Acq: 15 Sep 2023 18:59

Tgt Ion:142 Resp: 157633
 Ion Ratio Lower Upper
 142 100
 141 90.2 73.7 110.5

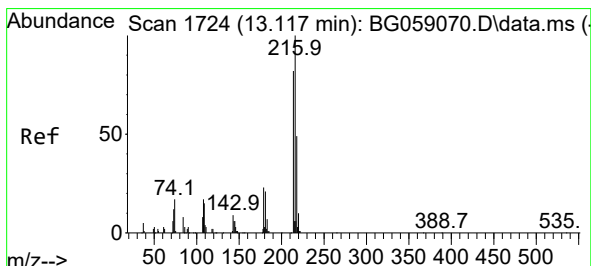
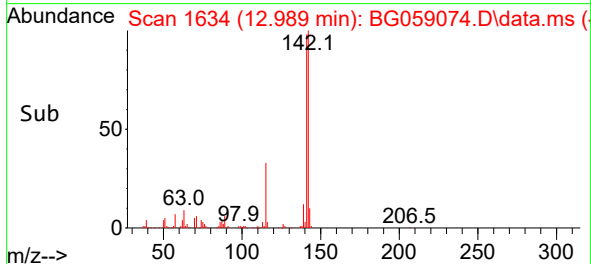
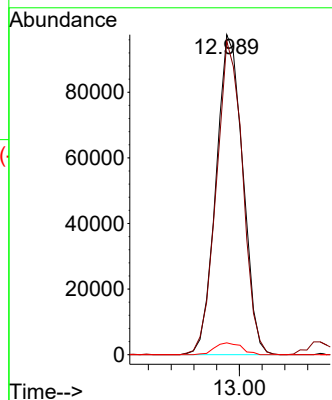
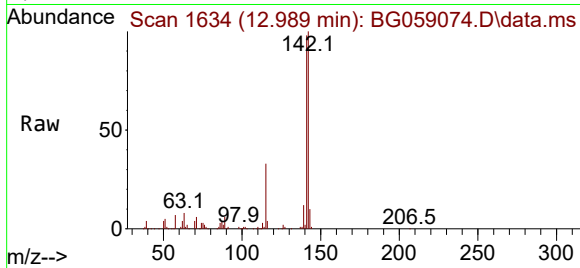




#37
1-Methylnaphthalene
Concen: 16.804 ng/ul
RT: 12.989 min Scan# 1655
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

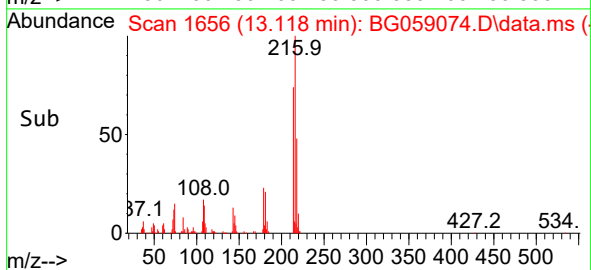
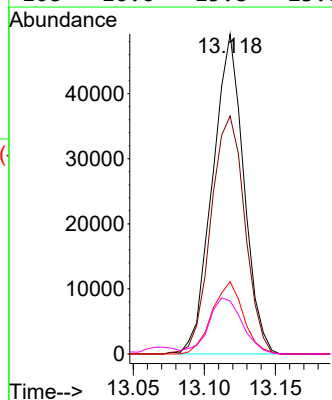
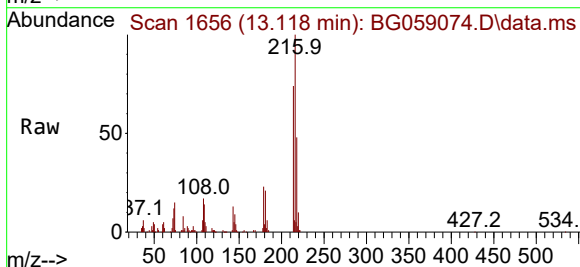
Instrument :
BNA_G
ClientSampleId :
SICV427

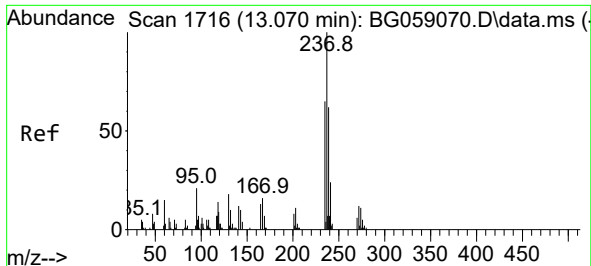
Tgt Ion:142 Resp: 159925
Ion Ratio Lower Upper
142 100
141 98.0 70.2 105.4
116 3.7 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 15.994 ng/ul
RT: 13.118 min Scan# 1656
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:216 Resp: 75013
Ion Ratio Lower Upper
216 100
214 74.3 65.5 98.3
179 22.6 18.7 28.1
108 16.6 15.8 23.8

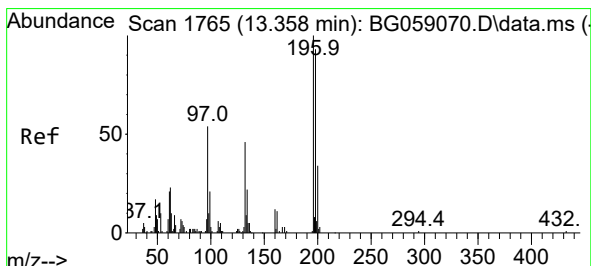
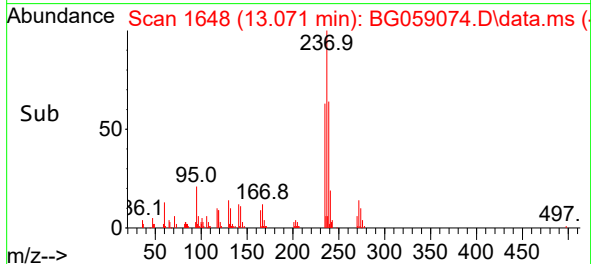
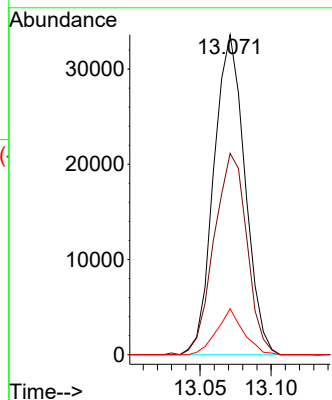
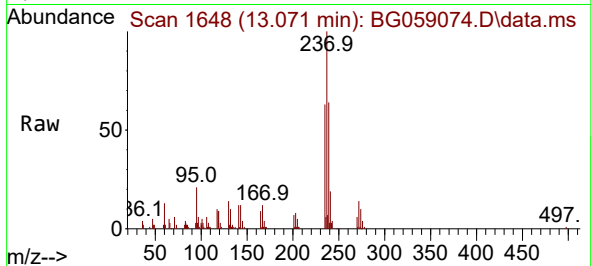




#40
Hexachlorocyclopentadiene
Concen: 17.880 ng/ul
RT: 13.071 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

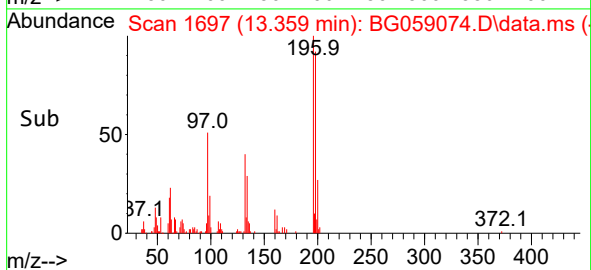
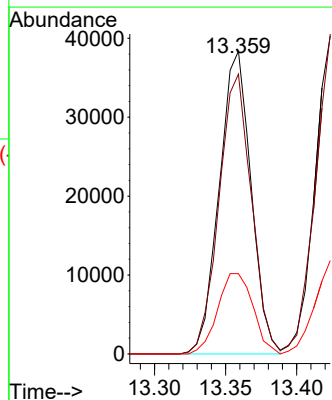
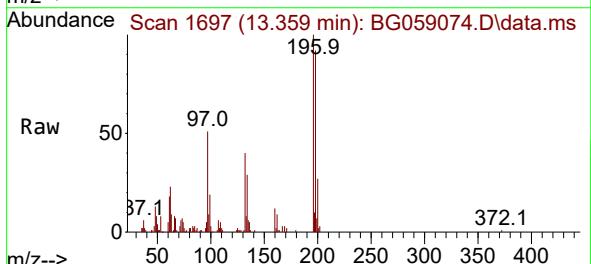
Instrument :
BNA_G
ClientSampleId :
SICV427

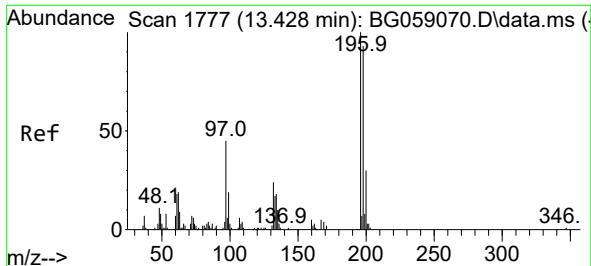
Tgt Ion:237 Resp: 51174
Ion Ratio Lower Upper
237 100
235 62.9 51.7 77.5
272 14.3 11.3 16.9



#41
2,4,6-Trichlorophenol
Concen: 17.012 ng/ul
RT: 13.359 min Scan# 1697
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:196 Resp: 59799
Ion Ratio Lower Upper
196 100
198 92.4 74.6 112.0
200 26.5 27.0 40.6#

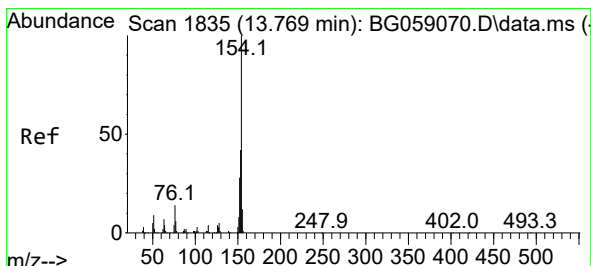
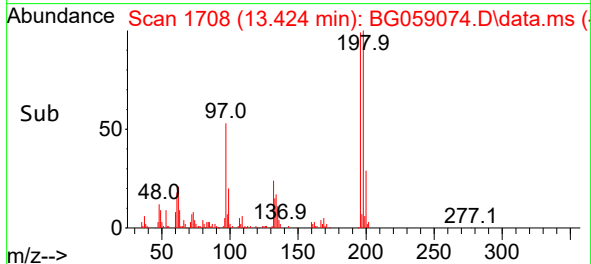
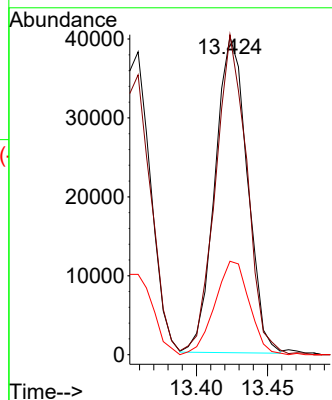
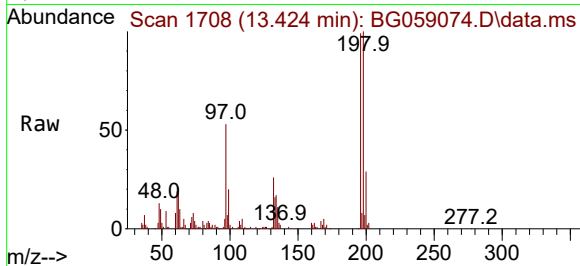




#42
2,4,5-Trichlorophenol
Concen: 16.425 ng/ul
RT: 13.424 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

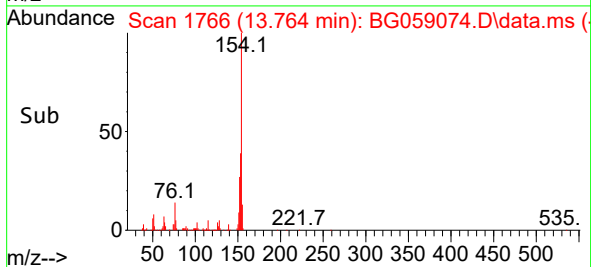
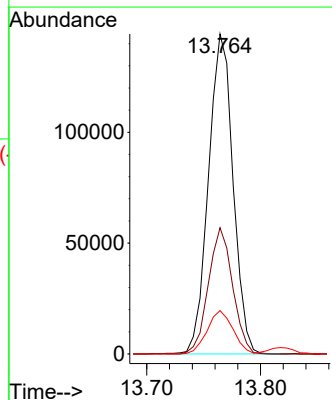
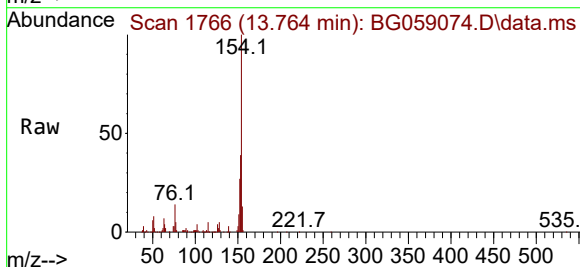
Instrument :
BNA_G
ClientSampleId :
SICV427

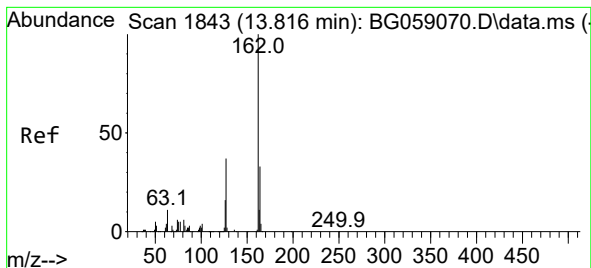
Tgt Ion:196 Resp: 63222
Ion Ratio Lower Upper
196 100
198 100.6 74.0 111.0
200 29.4 23.6 35.4



#43
1,1'-Biphenyl
Concen: 16.707 ng/ul
RT: 13.764 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:154 Resp: 216451
Ion Ratio Lower Upper
154 100
153 39.5 33.4 50.2
76 13.5 11.3 16.9





#44

2-Chloronaphthalene

Concen: 16.653 ng/ul

RT: 13.817 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

Instrument :

BNA_G

ClientSampleId :

SICV427

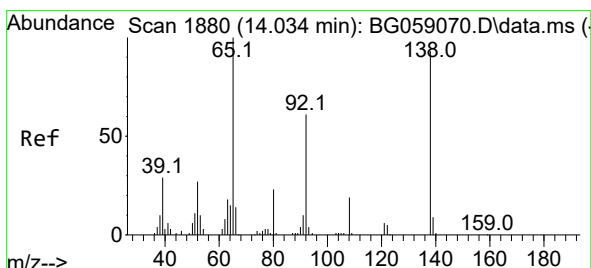
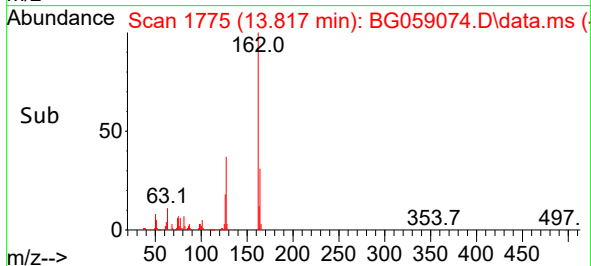
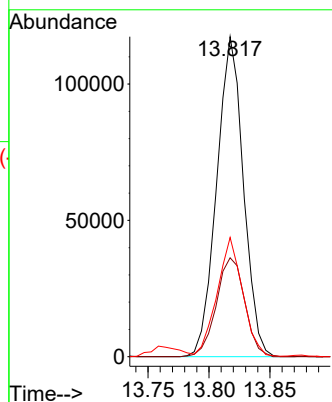
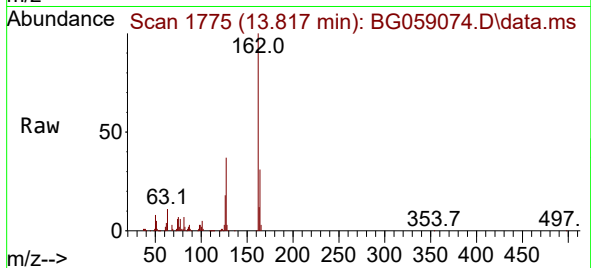
Tgt Ion:162 Resp: 179058

Ion Ratio Lower Upper

162 100

164 30.9 26.1 39.1

127 37.3 31.0 46.4



#45

2-Nitroaniline

Concen: 16.876 ng/ul

RT: 14.035 min Scan# 1812

Delta R.T. 0.001 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

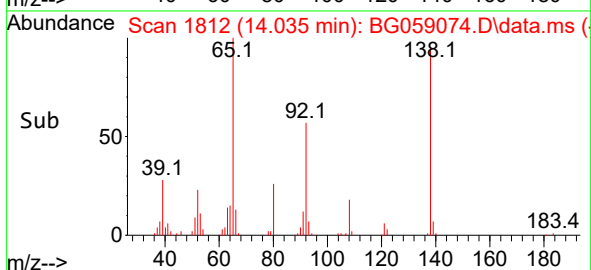
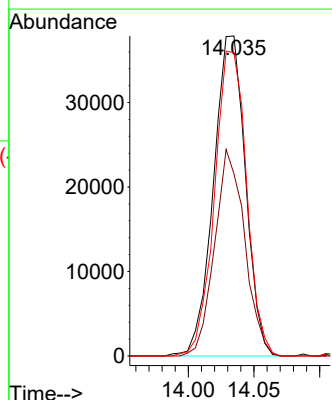
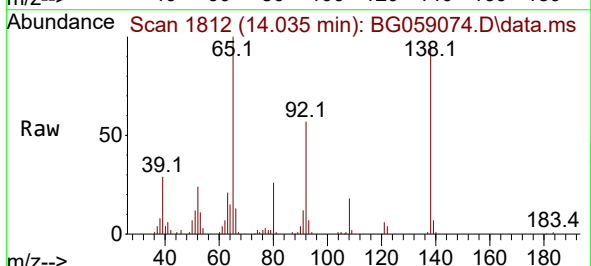
Tgt Ion: 65 Resp: 63981

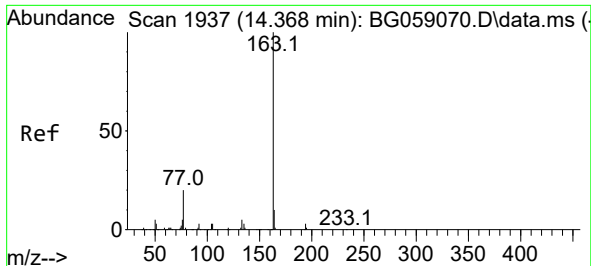
Ion Ratio Lower Upper

65 100

92 56.9 48.4 72.6

138 94.8 74.3 111.5

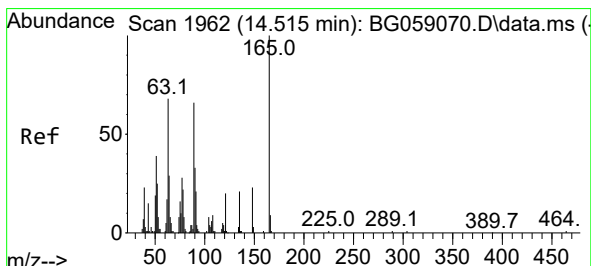
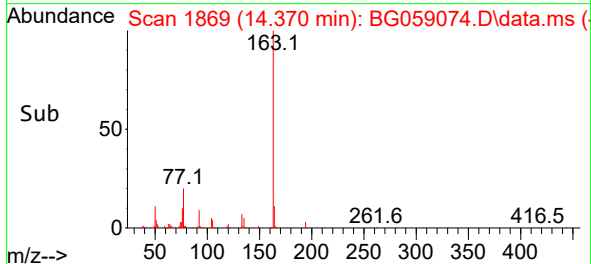
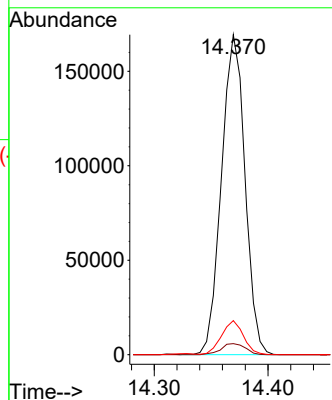
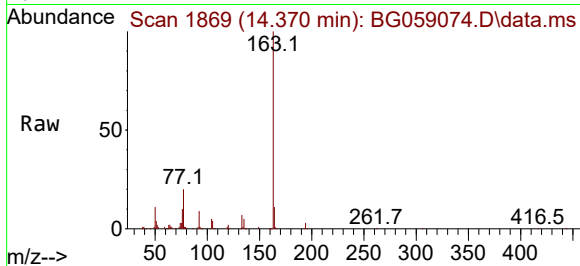




#47
Dimethylphthalate
Concen: 17.147 ng/ul
RT: 14.370 min Scan# 1869
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

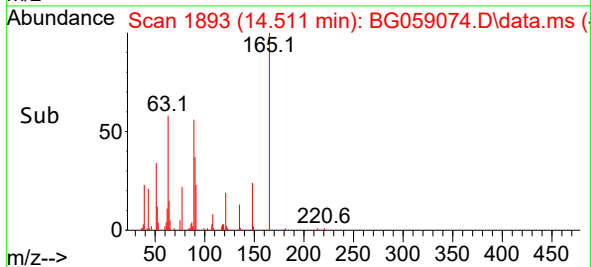
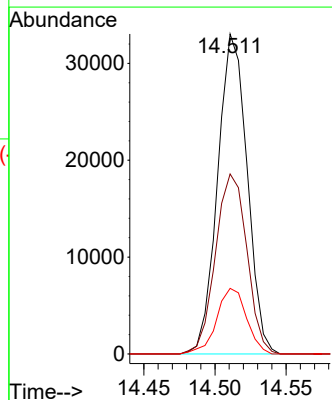
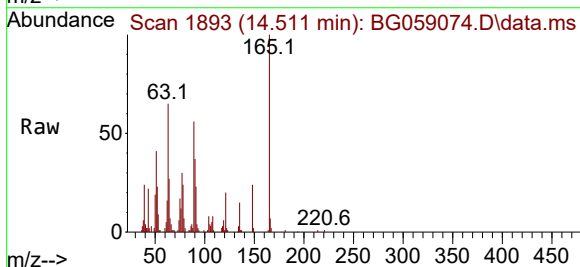
Instrument :
BNA_G
ClientSampleId :
SICV427

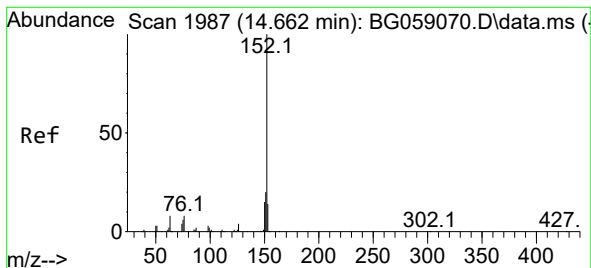
Tgt Ion:163 Resp: 243587
Ion Ratio Lower Upper
163 100
194 3.4 2.5 3.7
164 10.6 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 16.980 ng/ul
RT: 14.511 min Scan# 1893
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:165 Resp: 47713
Ion Ratio Lower Upper
165 100
89 56.3 52.8 79.2
121 20.5 16.2 24.2





#50

Acenaphthylene

Concen: 16.625 ng/ul

RT: 14.657 min Scan# 1918

Delta R.T. -0.005 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

Instrument :

BNA_G

ClientSampleId :

SICV427

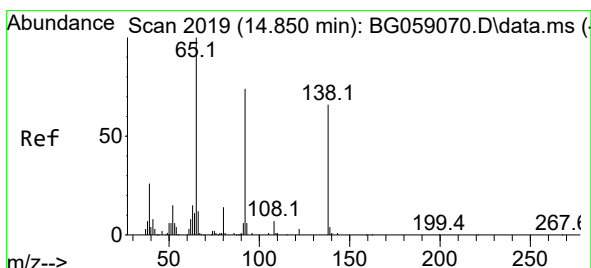
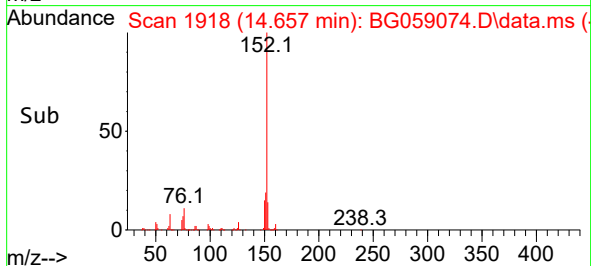
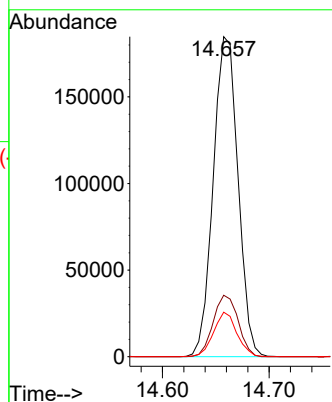
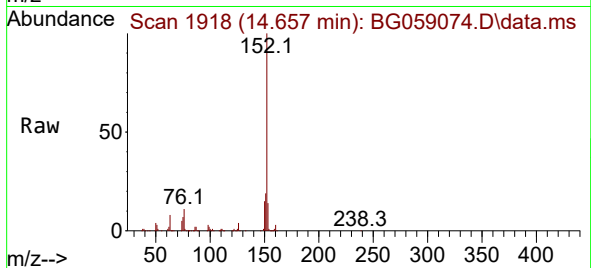
Tgt Ion:152 Resp: 297852

Ion Ratio Lower Upper

152 100

151 19.2 15.7 23.5

153 13.9 11.3 16.9



#51

3-Nitroaniline

Concen: 17.833 ng/ul

RT: 14.851 min Scan# 1951

Delta R.T. 0.001 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

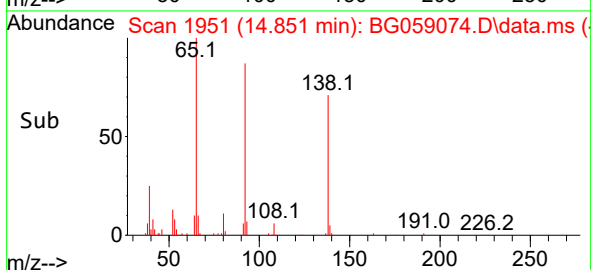
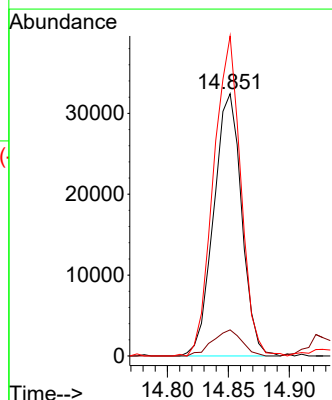
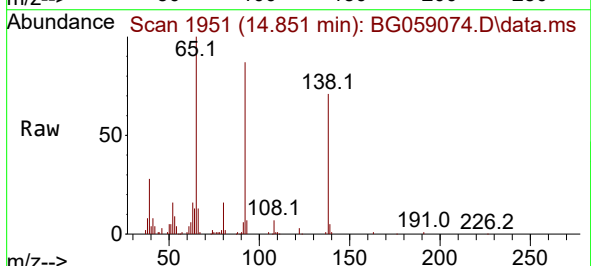
Tgt Ion:138 Resp: 51904

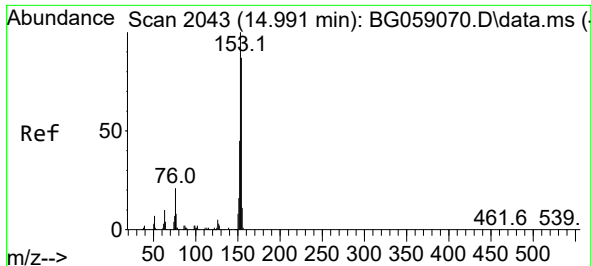
Ion Ratio Lower Upper

138 100

108 10.0 8.4 12.6

92 122.0 90.2 135.2

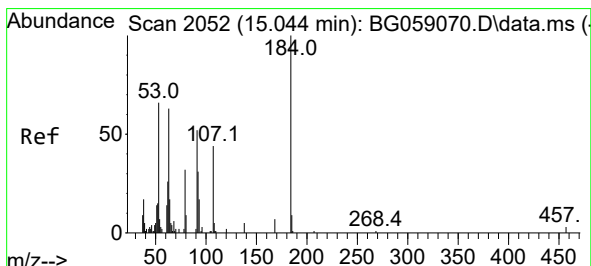
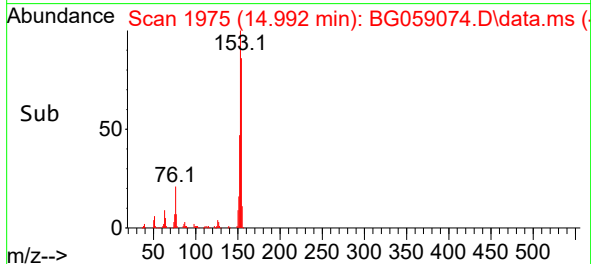
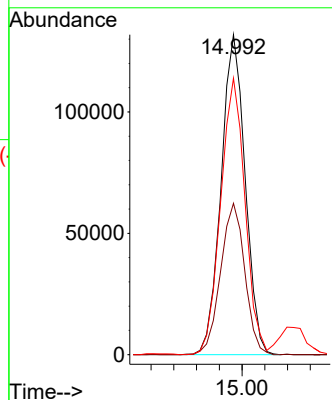
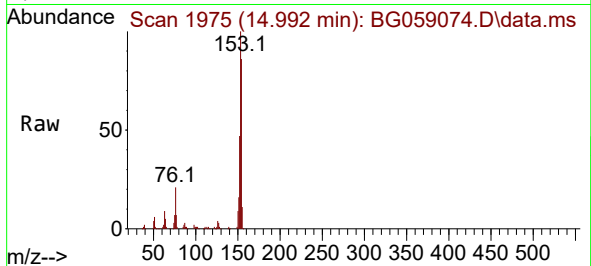




#52
Acenaphthene
Concen: 16.634 ng/ul
RT: 14.992 min Scan# 1975
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

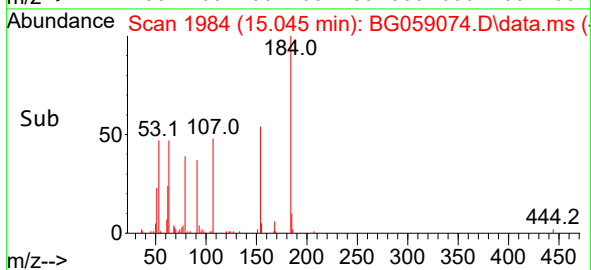
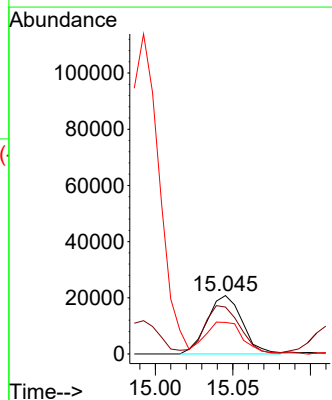
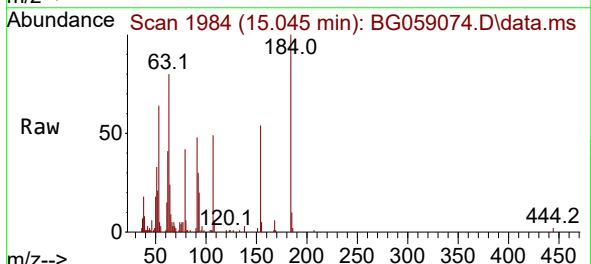
Instrument :
BNA_G
ClientSampleId :
SICV427

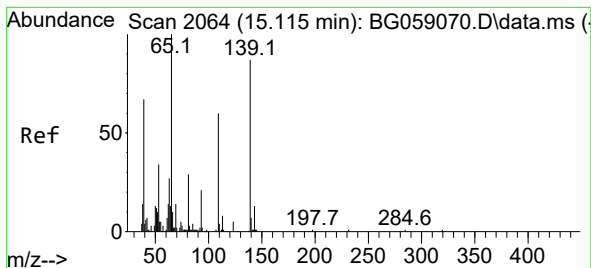
Tgt Ion:153 Resp: 193619
Ion Ratio Lower Upper
153 100
152 47.3 35.6 53.4
154 86.4 70.0 105.0



#53
2,4-Dinitrophenol
Concen: 21.248 ng/ul
RT: 15.045 min Scan# 1984
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:184 Resp: 32833
Ion Ratio Lower Upper
184 100
63 80.3 66.3 99.5
154 53.9 40.7 61.1

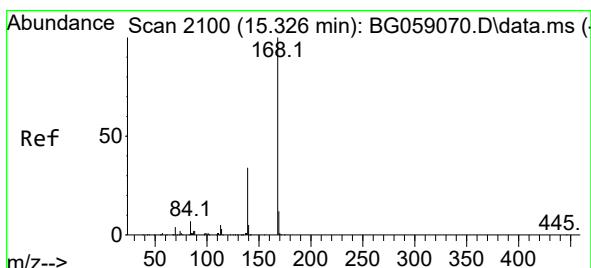
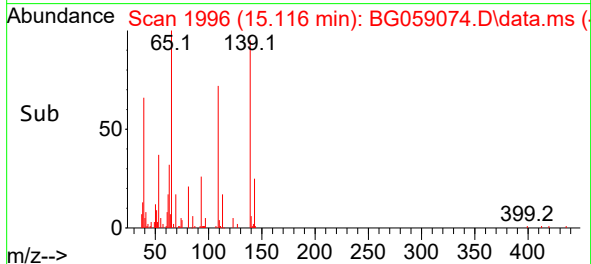
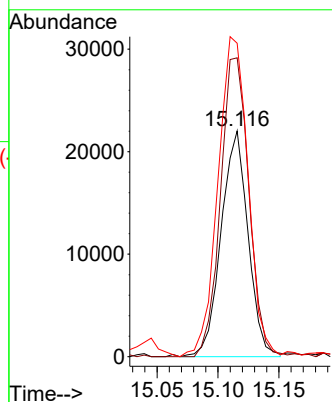
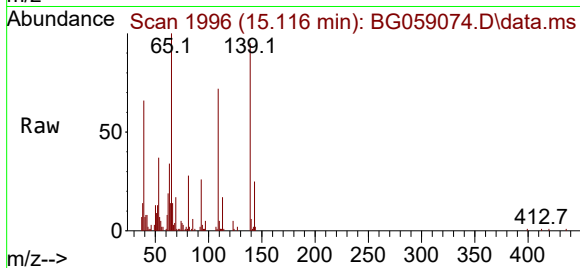




#55
4-Nitrophenol
Concen: 16.857 ng/ul
RT: 15.116 min Scan# 1996
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

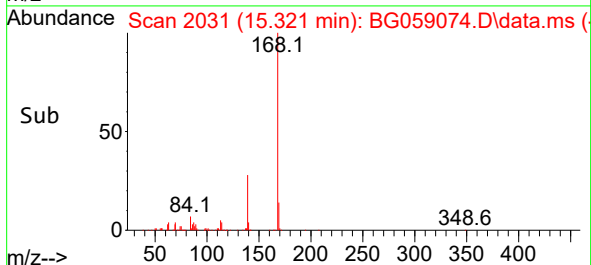
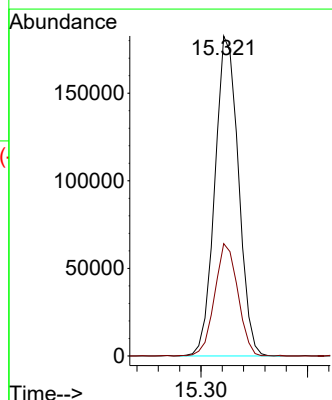
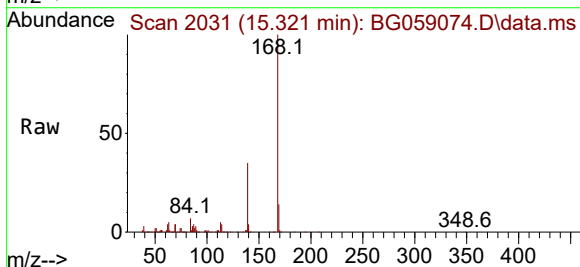
Instrument :
BNA_G
ClientSampleId :
SICV427

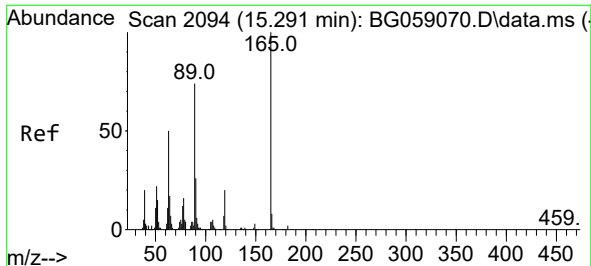
Tgt Ion:109 Resp: 33890
Ion Ratio Lower Upper
109 100
139 132.4 116.6 174.8
65 138.9 135.5 203.3



#56
Dibenzofuran
Concen: 16.696 ng/ul
RT: 15.321 min Scan# 2031
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:168 Resp: 280263
Ion Ratio Lower Upper
168 100
139 35.1 27.1 40.7

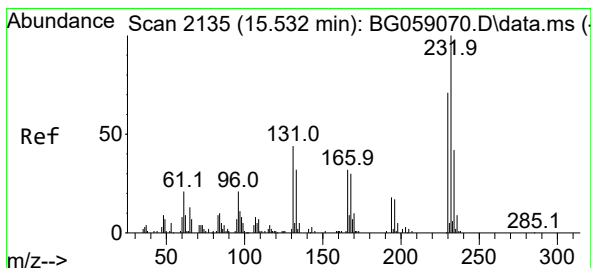
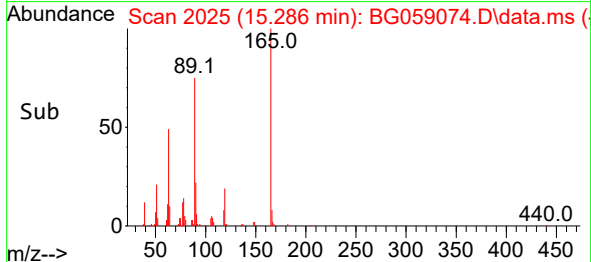
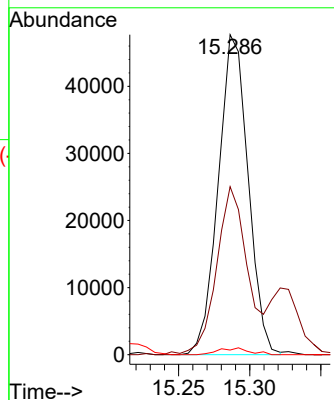
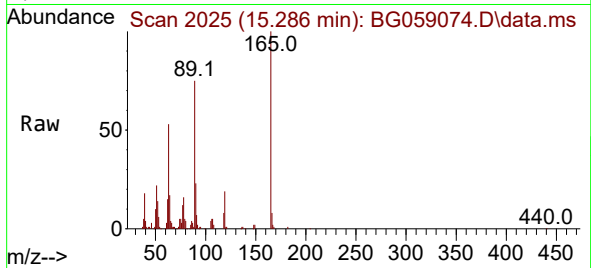




#57
2,4-Dinitrotoluene
Concen: 17.202 ng/ul
RT: 15.286 min Scan# 2065
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

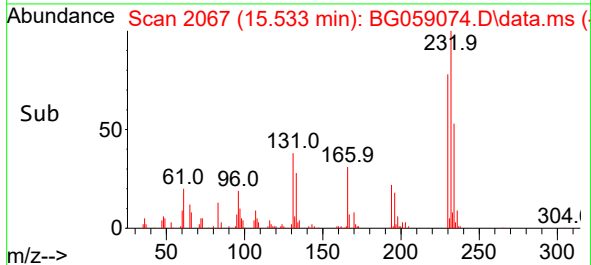
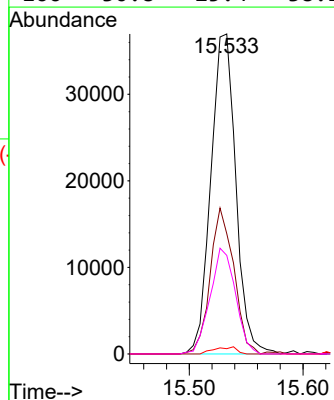
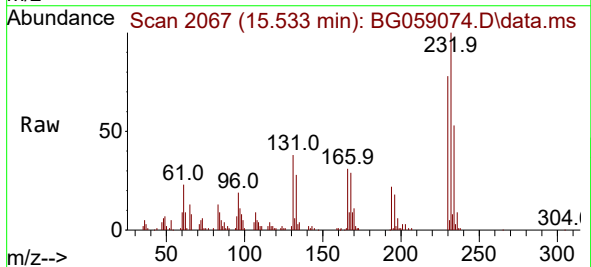
Instrument :
BNA_G
ClientSampleId :
SICV427

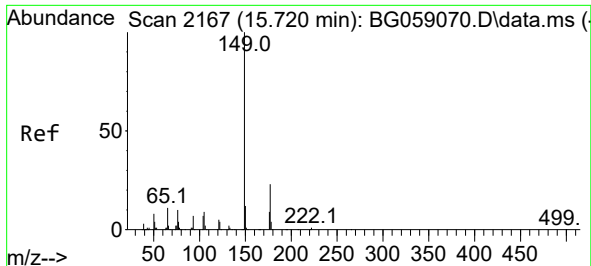
Tgt Ion:165 Resp: 69749
Ion Ratio Lower Upper
165 100
63 52.5 40.4 60.6
182 1.4 1.8 2.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 16.578 ng/ul
RT: 15.533 min Scan# 2067
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:232 Resp: 56400
Ion Ratio Lower Upper
232 100
131 37.6 35.2 52.8
130 1.7 1.7 2.5#
166 30.8 25.4 38.2

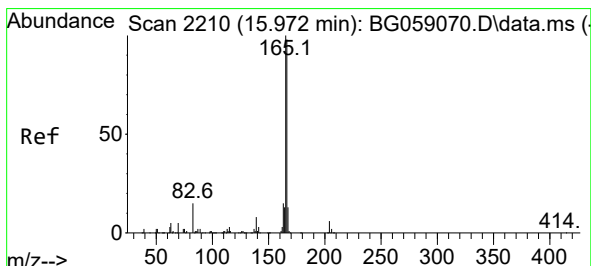
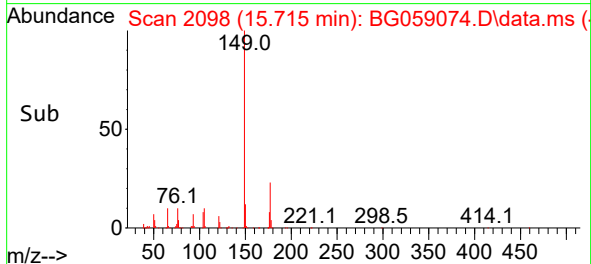
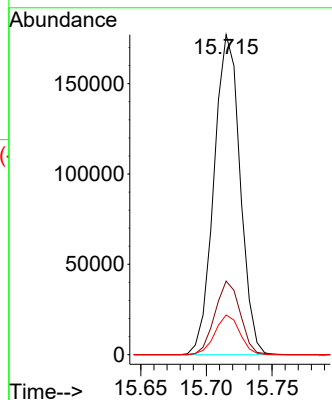
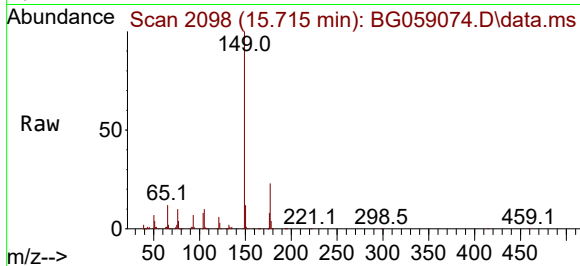




#59
Diethylphthalate
Concen: 17.034 ng/ul
RT: 15.715 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

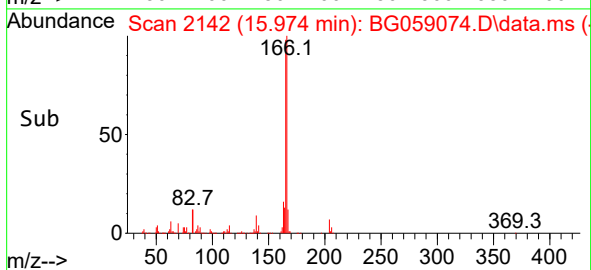
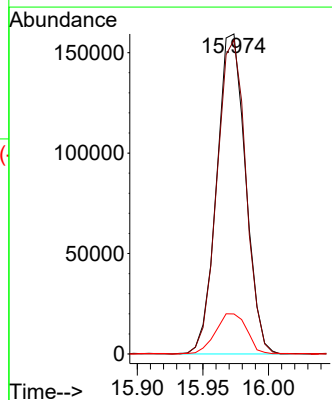
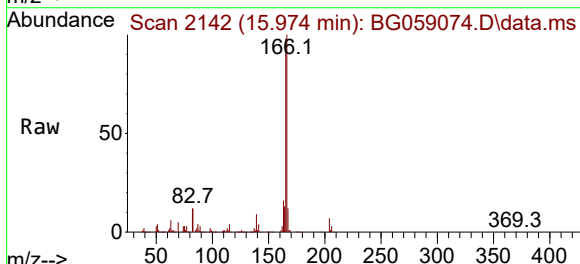
Instrument :
BNA_G
ClientSampleId :
SICV427

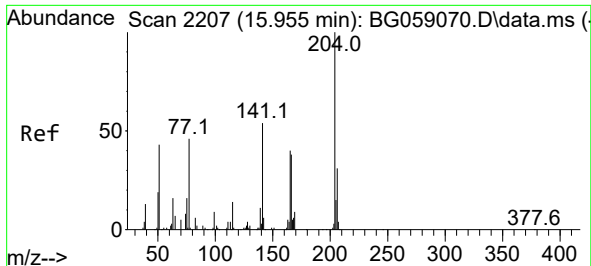
Tgt Ion:149 Resp: 245363
Ion Ratio Lower Upper
149 100
177 23.0 18.5 27.7
150 12.4 10.0 15.0



#61
Fluorene
Concen: 17.087 ng/ul
RT: 15.974 min Scan# 2142
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:166 Resp: 243249
Ion Ratio Lower Upper
166 100
165 98.1 81.7 122.5
167 12.5 10.3 15.5

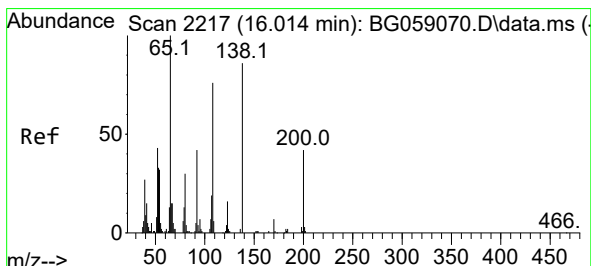
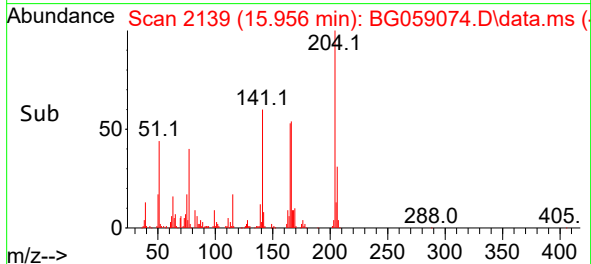
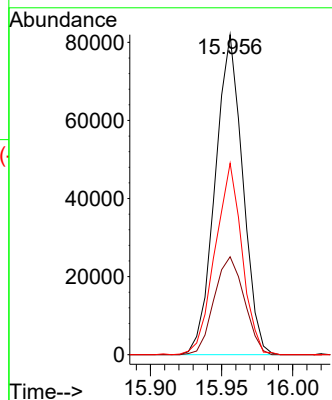
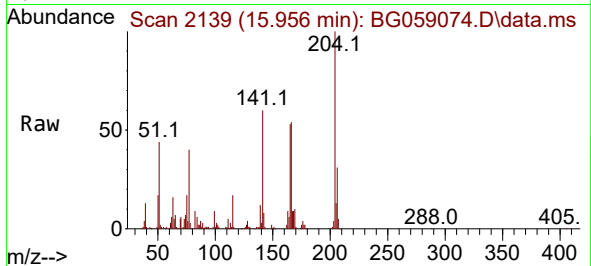




#62
4-Chlorophenyl-phenylether
Concen: 16.992 ng/ul
RT: 15.956 min Scan# 2148
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

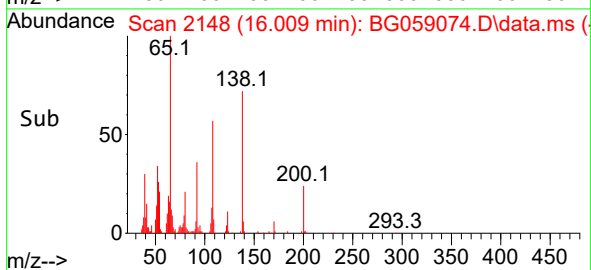
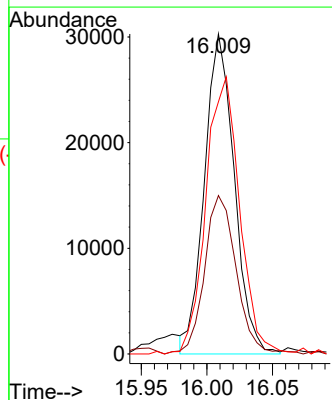
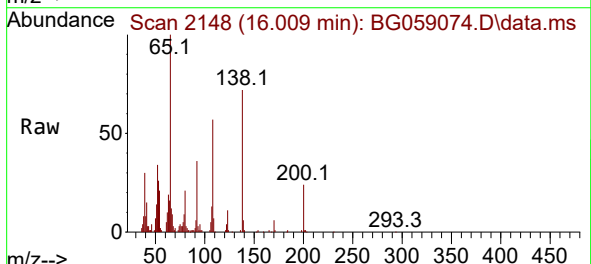
Instrument :
BNA_G
ClientSampleId :
SICV427

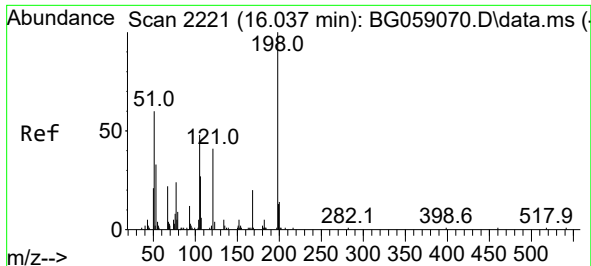
Tgt Ion:204 Resp: 110545
Ion Ratio Lower Upper
204 100
206 30.6 25.0 37.6
141 59.8 43.5 65.3



#63
4-Nitroaniline
Concen: 17.399 ng/ul
RT: 16.009 min Scan# 2148
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:138 Resp: 47909
Ion Ratio Lower Upper
138 100
92 49.5 37.8 56.8
108 78.8 68.2 102.2

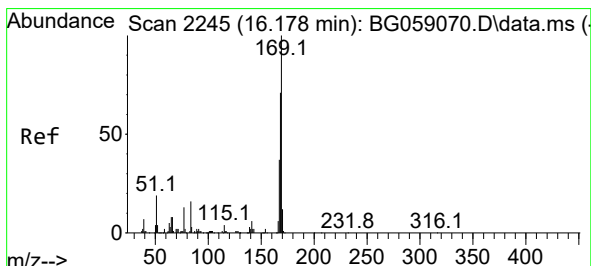
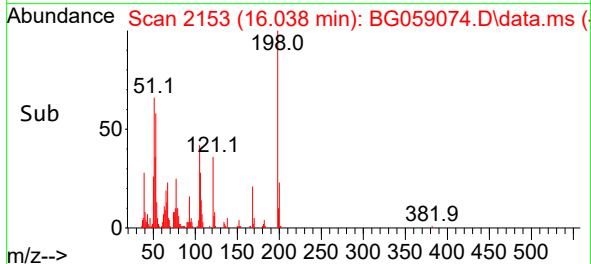
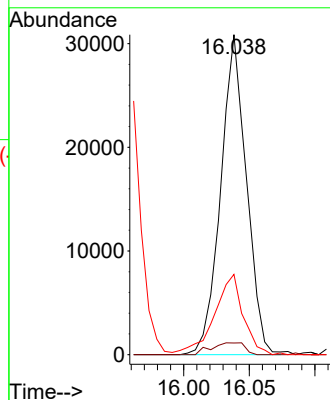
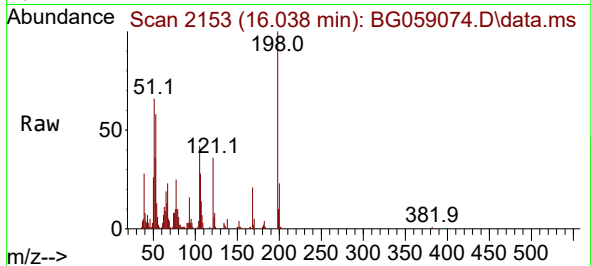




#66
4,6-Dinitro-2-methylphenol
Concen: 17.022 ng/ul
RT: 16.038 min Scan# 2175
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

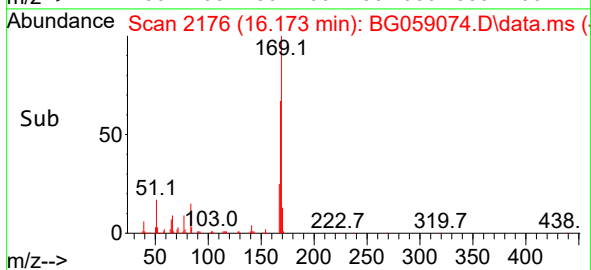
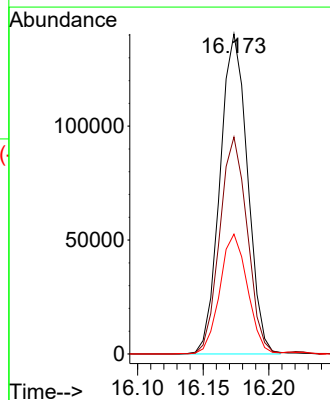
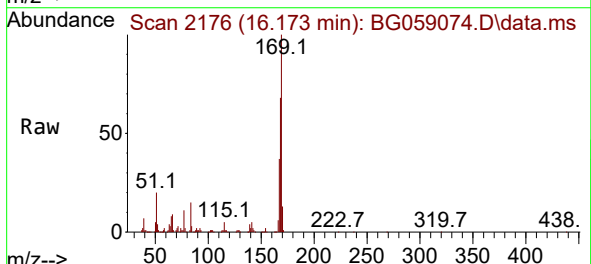
Instrument :
BNA_G
ClientSampleId :
SICV427

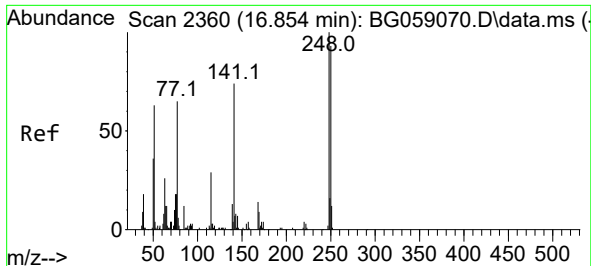
Tgt Ion:198 Resp: 42105
Ion Ratio Lower Upper
198 100
182 3.6 3.8 5.6#
77 25.1 22.7 34.1



#67
N-Nitrosodiphenylamine
Concen: 17.267 ng/ul
RT: 16.173 min Scan# 2176
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:169 Resp: 204720
Ion Ratio Lower Upper
169 100
168 67.8 56.5 84.7
167 37.4 29.5 44.3

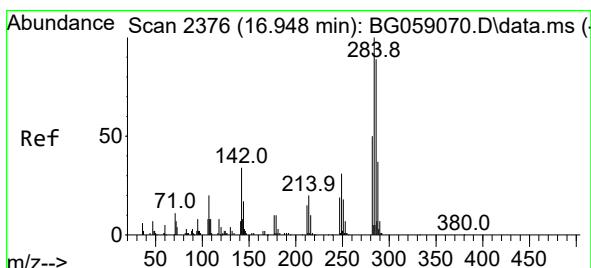
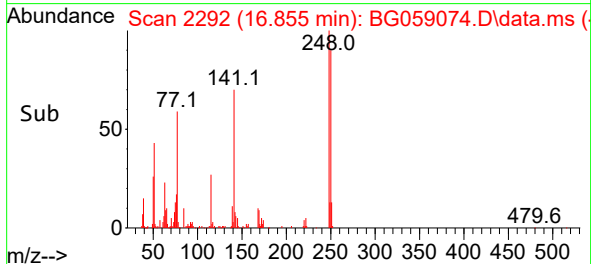
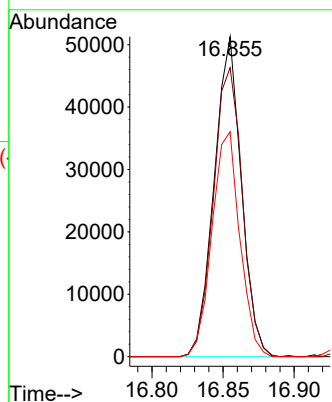
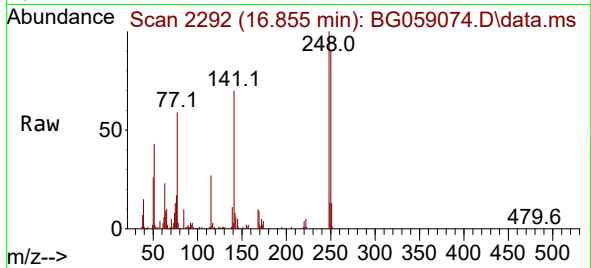




#68
4-Bromophenyl-phenylether
Concen: 17.209 ng/ul
RT: 16.855 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

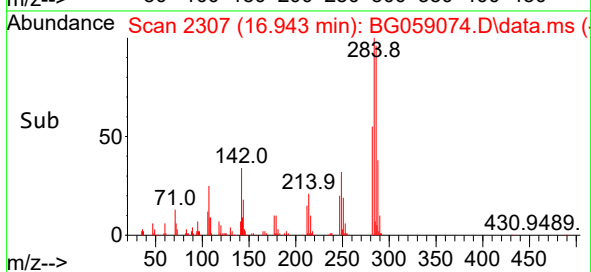
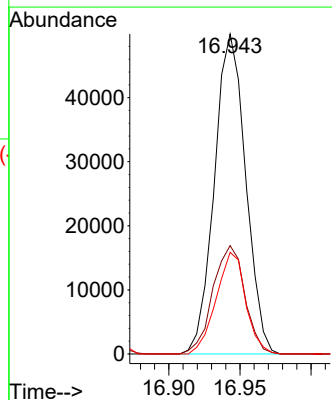
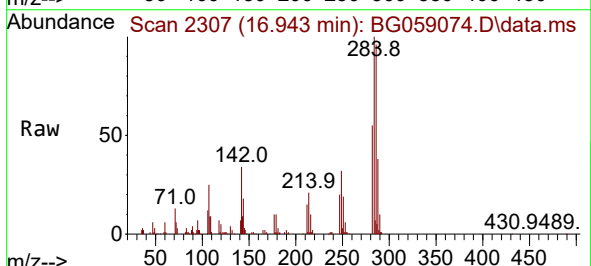
Instrument :
BNA_G
ClientSampleId :
SICV427

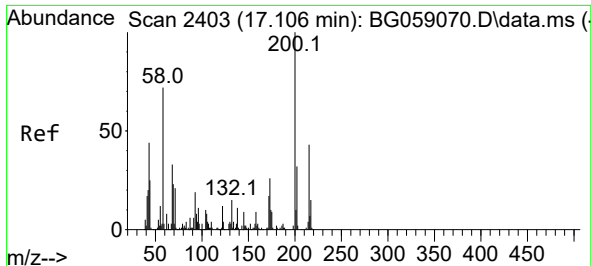
Tgt Ion:248 Resp: 68191
Ion Ratio Lower Upper
248 100
250 90.3 74.6 111.8
141 70.3 58.8 88.2



#69
Hexachlorobenzene
Concen: 17.062 ng/ul
RT: 16.943 min Scan# 2307
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:284 Resp: 76410
Ion Ratio Lower Upper
284 100
142 33.9 25.9 38.9
249 31.7 23.8 35.6

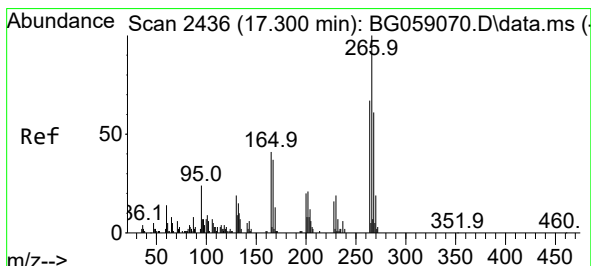
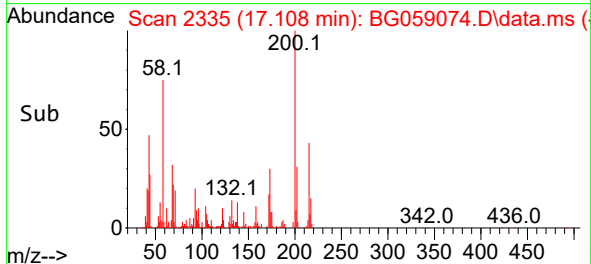
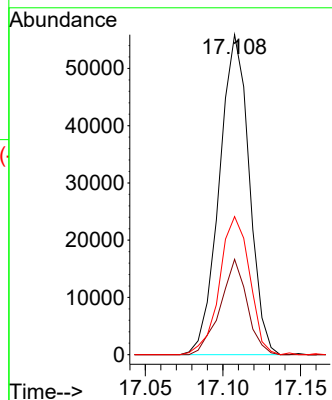
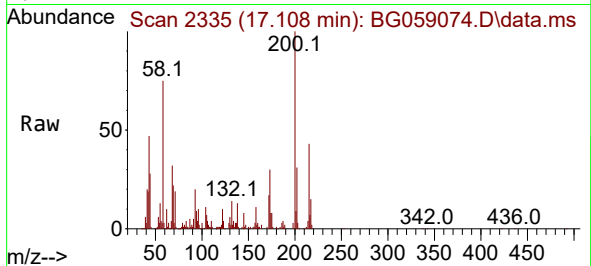




#70
Atrazine
Concen: 17.744 ng/ul
RT: 17.108 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

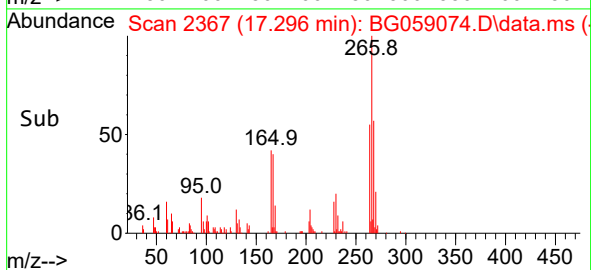
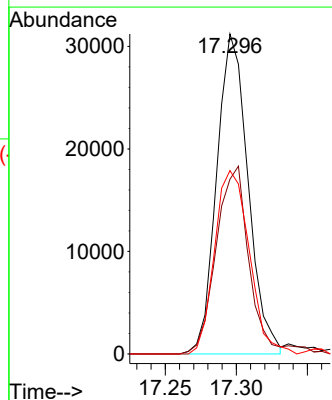
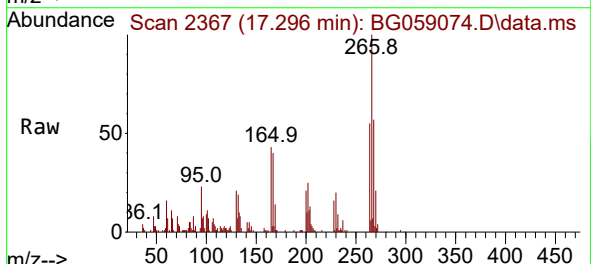
Instrument :
BNA_G
ClientSampleId :
SICV427

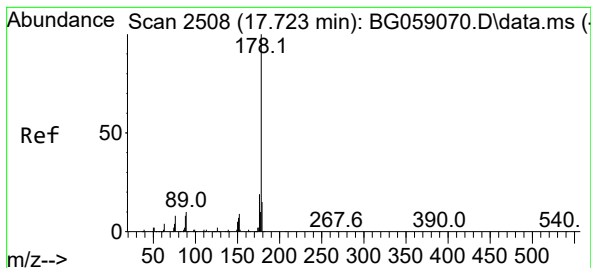
Tgt Ion:200 Resp: 74961
Ion Ratio Lower Upper
200 100
173 29.8 21.0 31.4
215 43.1 34.2 51.4



#71
Pentachlorophenol
Concen: 16.857 ng/ul
RT: 17.296 min Scan# 2367
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:266 Resp: 47925
Ion Ratio Lower Upper
266 100
264 54.6 53.8 80.8
268 57.3 48.8 73.2





#72

Phenanthrene

Concen: 16.988 ng/ul

RT: 17.724 min Scan# 2440

Delta R.T. 0.001 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

Instrument :

BNA_G

ClientSampleId :

SICV427

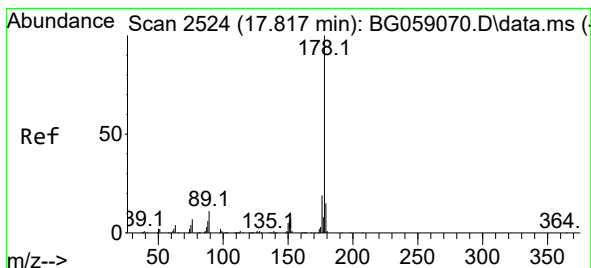
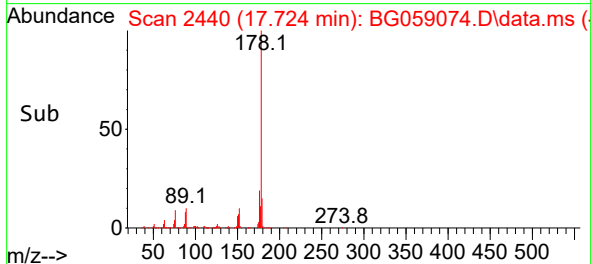
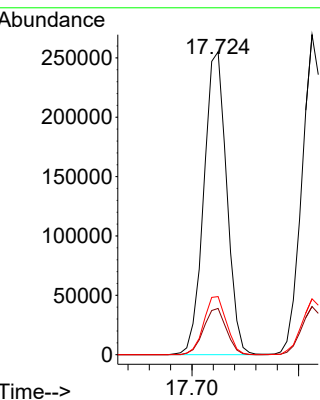
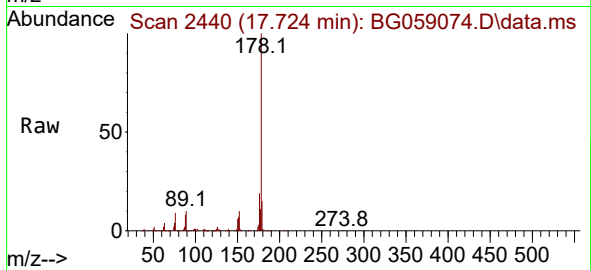
Tgt Ion:178 Resp: 378903

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 19.2 15.4 23.0



#74

Anthracene

Concen: 17.145 ng/ul

RT: 17.813 min Scan# 2455

Delta R.T. -0.005 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

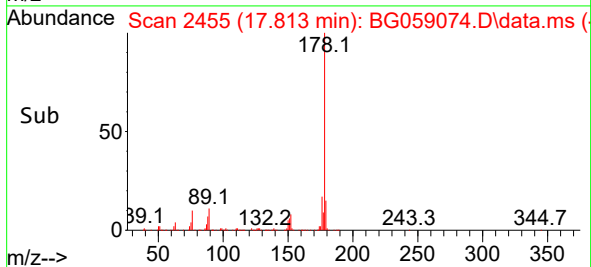
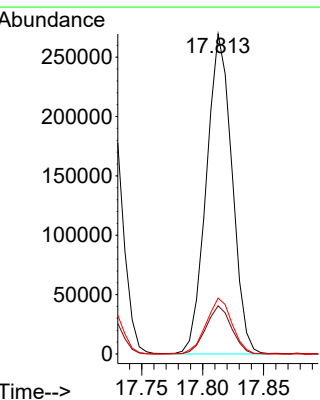
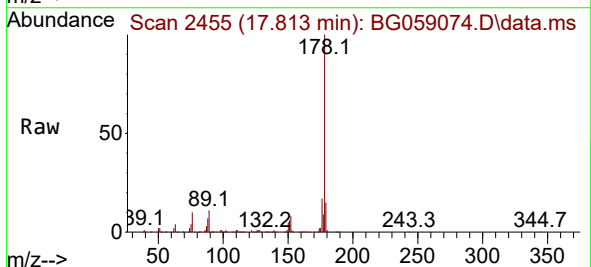
Tgt Ion:178 Resp: 395446

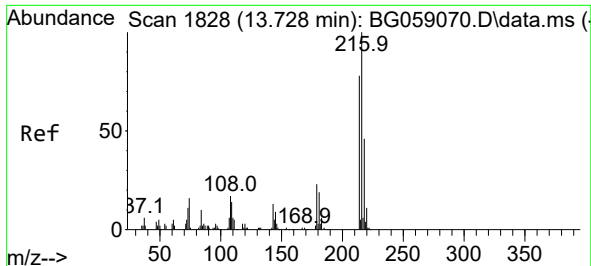
Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 17.5 15.4 23.0

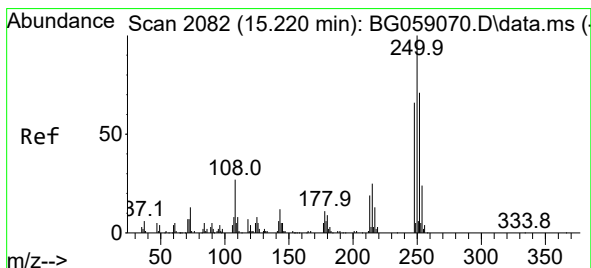
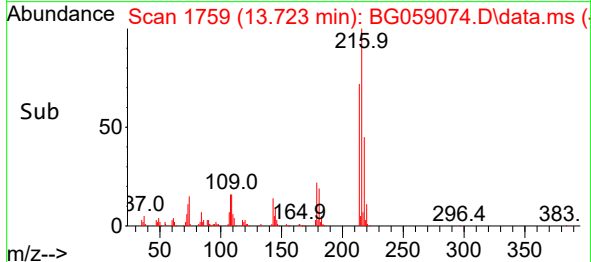
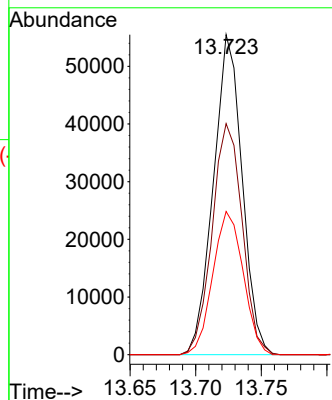
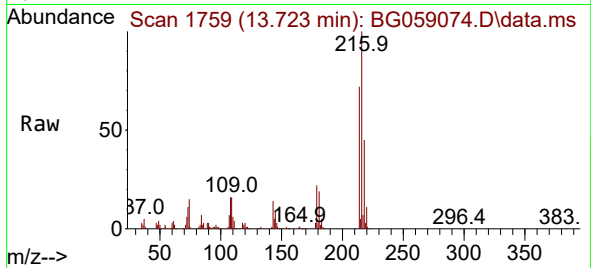




#75
1,2,3,4-Tetrachlorobenzene
Concen: 17.603 ng/uL
RT: 13.723 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

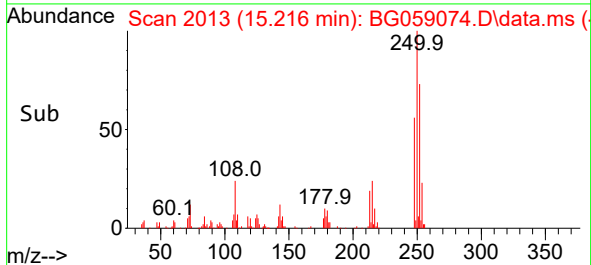
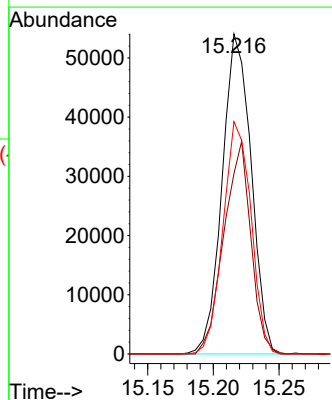
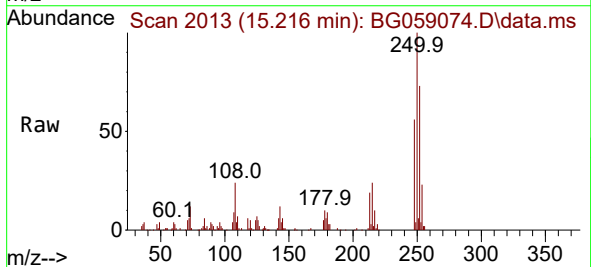
Instrument :
BNA_G
ClientSampleId :
SICV427

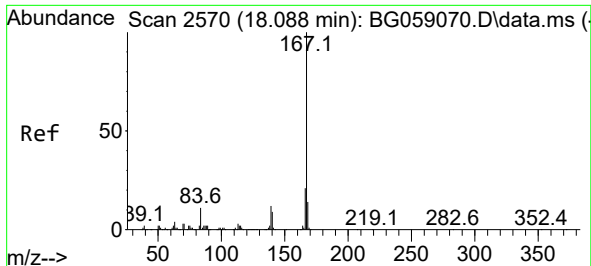
Tgt Ion:216 Resp: 84575
Ion Ratio Lower Upper
216 100
214 72.2 62.6 93.8
218 44.8 36.9 55.3



#76
Pentachlorobenzene
Concen: 17.846 ng/uL
RT: 15.216 min Scan# 2013
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:250 Resp: 82939
Ion Ratio Lower Upper
250 100
248 56.4 52.6 78.8
252 72.6 56.7 85.1

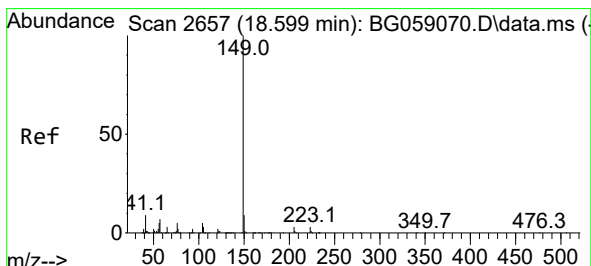
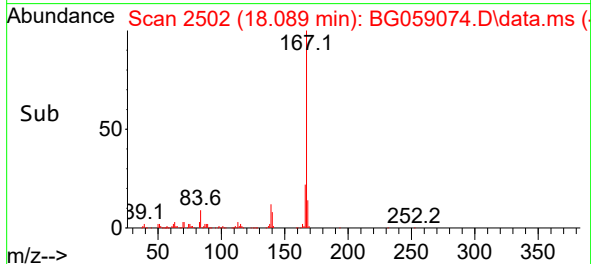
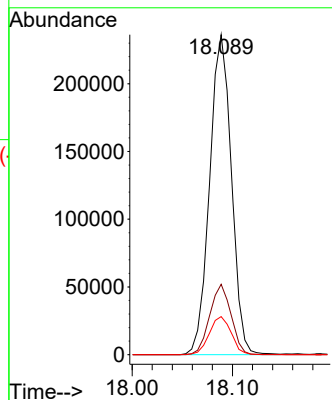
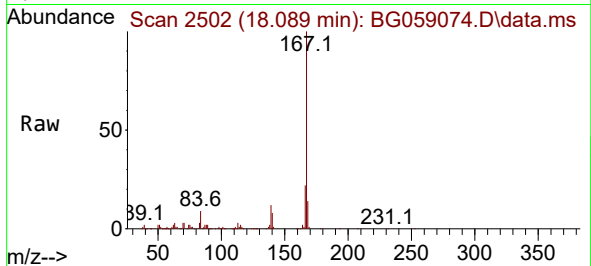




#77
 Carbazole
 Concen: 17.149 ng/ul
 RT: 18.089 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG059074.D
 Acq: 15 Sep 2023 18:59

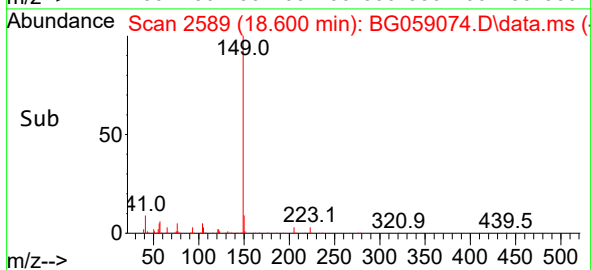
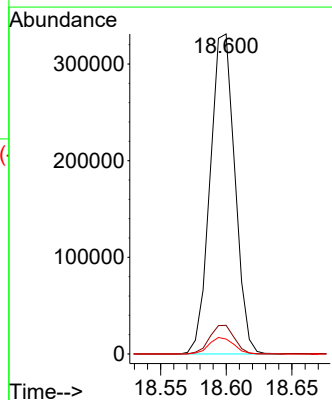
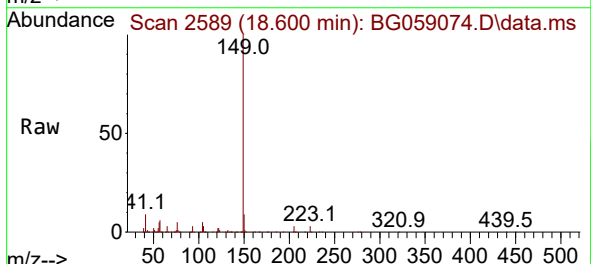
Instrument :
 BNA_G
 ClientSampleId :
 SICV427

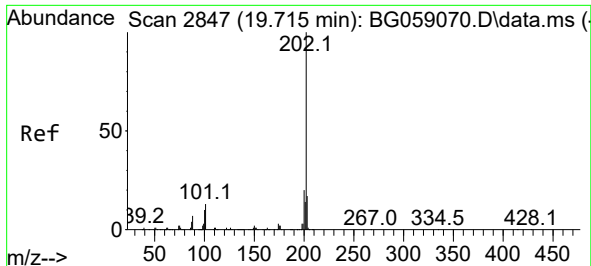
Tgt Ion:167 Resp: 356959
 Ion Ratio Lower Upper
 167 100
 166 22.0 16.5 24.7
 139 11.9 9.7 14.5



#78
 Di-n-butylphthalate
 Concen: 16.068 ng/ul
 RT: 18.600 min Scan# 2589
 Delta R.T. 0.001 min
 Lab File: BG059074.D
 Acq: 15 Sep 2023 18:59

Tgt Ion:149 Resp: 434232
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.6 11.4
 104 4.7 3.8 5.6

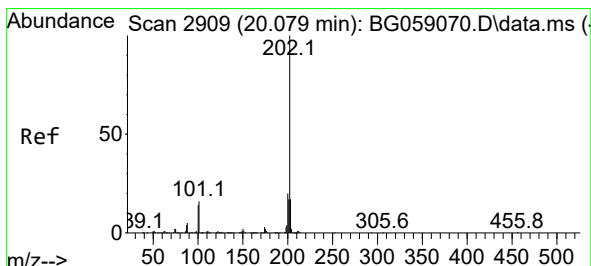
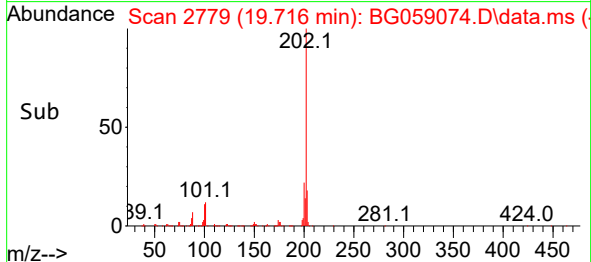
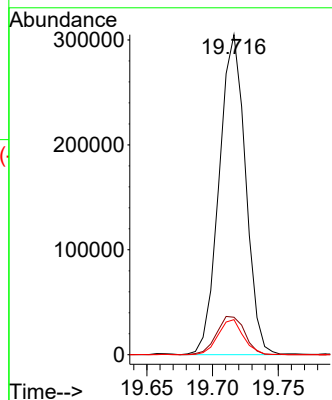
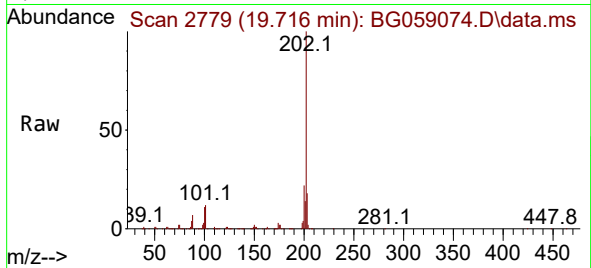




#80
Fluoranthene
Concen: 17.074 ng/ul
RT: 19.716 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

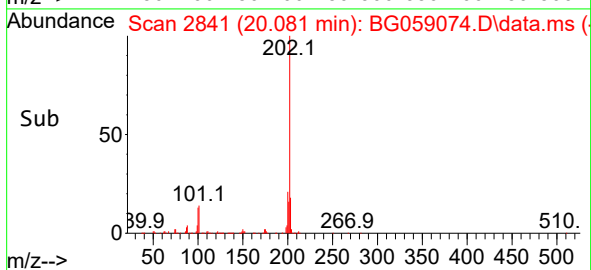
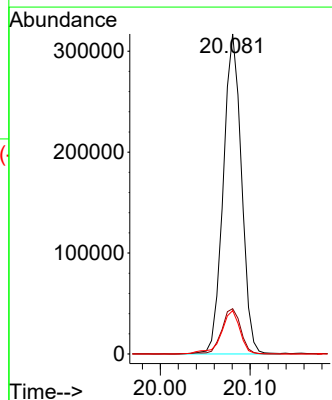
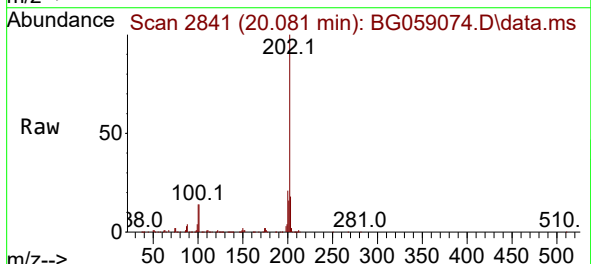
Instrument :
BNA_G
ClientSampleId :
SICV427

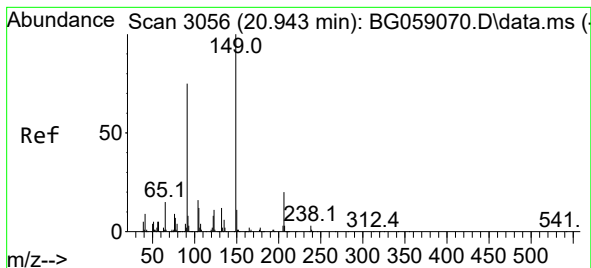
Tgt Ion:202 Resp: 426646
Ion Ratio Lower Upper
202 100
101 11.7 10.6 16.0
100 11.0 8.2 12.4



#82
Pyrene
Concen: 17.075 ng/ul
RT: 20.081 min Scan# 2841
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:202 Resp: 446098
Ion Ratio Lower Upper
202 100
101 14.1 12.6 19.0
100 13.6 11.3 16.9





#83

Butylbenzylphthalate

Concen: 17.015 ng/ul

RT: 20.938 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

Instrument :

BNA_G

ClientSampleId :

SICV427

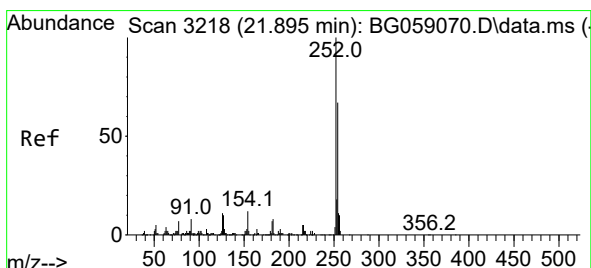
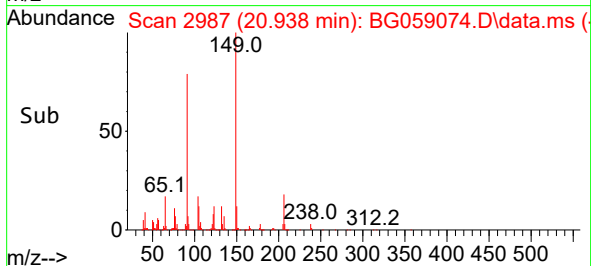
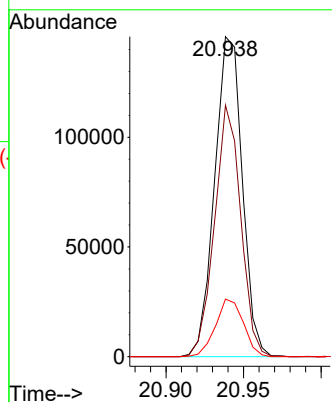
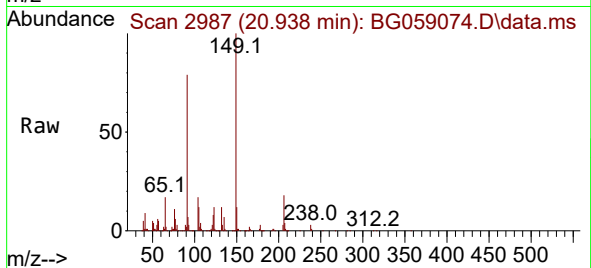
Tgt Ion:149 Resp: 181237

Ion Ratio Lower Upper

149 100

91 78.6 59.9 89.9

206 18.0 16.2 24.2



#84

3,3'-Dichlorobenzidine

Concen: 17.617 ng/ul

RT: 21.890 min Scan# 3149

Delta R.T. -0.005 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

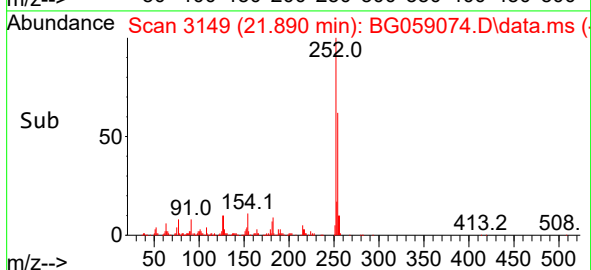
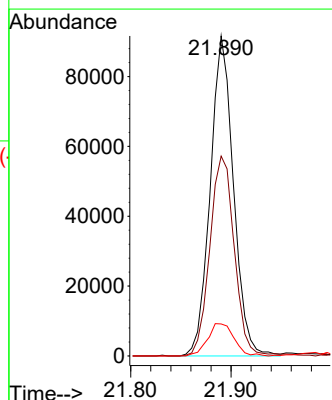
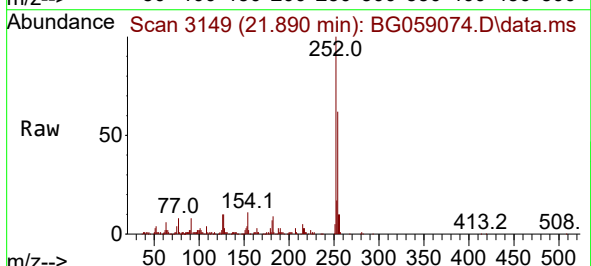
Tgt Ion:252 Resp: 147443

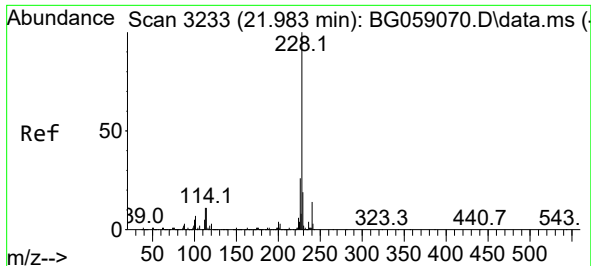
Ion Ratio Lower Upper

252 100

254 62.4 53.4 80.2

126 10.0 8.8 13.2

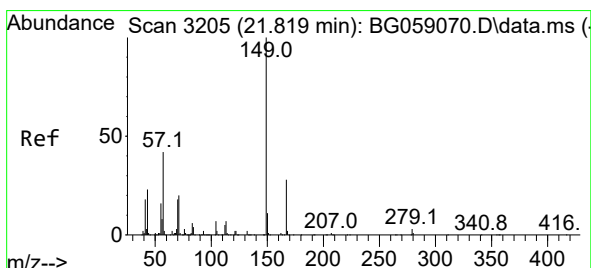
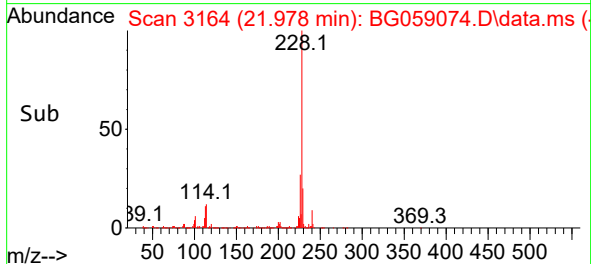
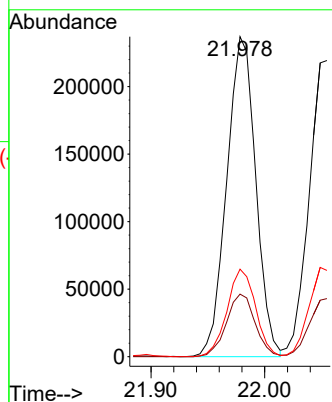
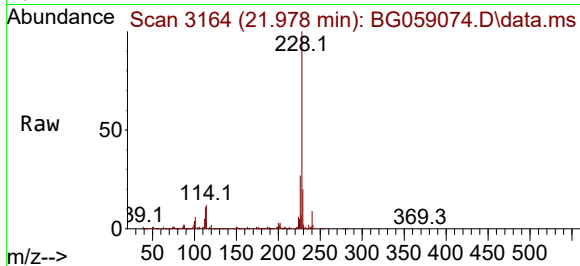




#85
Benzo(a)anthracene
Concen: 16.755 ng/ul
RT: 21.978 min Scan# 3164
Delta R.T. -0.005 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

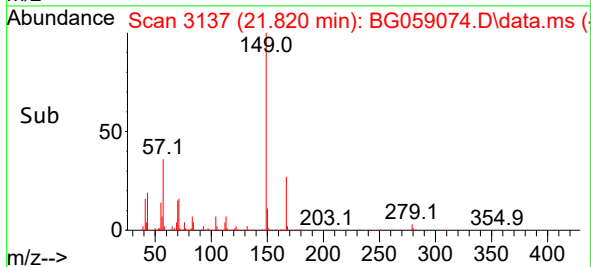
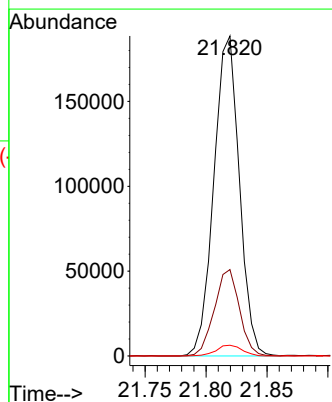
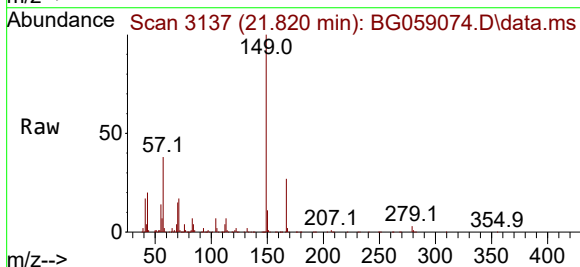
Instrument :
BNA_G
ClientSampleId :
SICV427

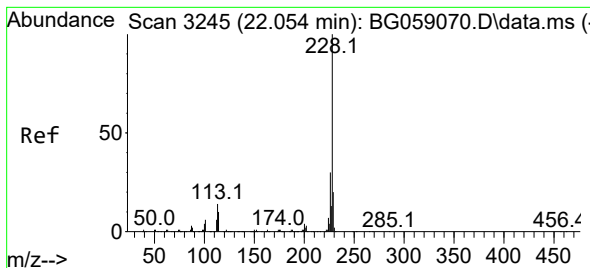
Tgt Ion:228 Resp: 420540
Ion Ratio Lower Upper
228 100
229 19.6 15.3 22.9
226 27.3 21.0 31.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 16.832 ng/ul
RT: 21.820 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG059074.D
Acq: 15 Sep 2023 18:59

Tgt Ion:149 Resp: 274336
Ion Ratio Lower Upper
149 100
167 27.0 22.1 33.1
279 3.4 2.7 4.1





#87

Chrysene

Concen: 16.987 ng/ul

RT: 22.055 min Scan# 3117

Delta R.T. 0.001 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

Instrument :

BNA_G

ClientSampleId :

SICV427

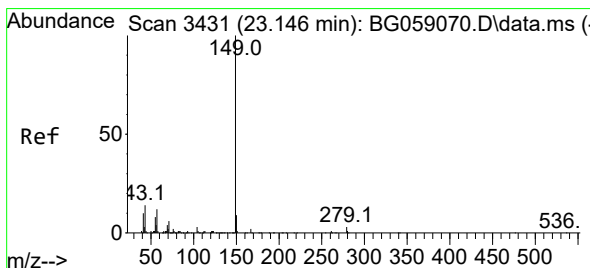
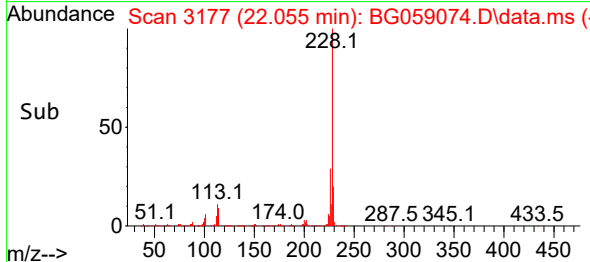
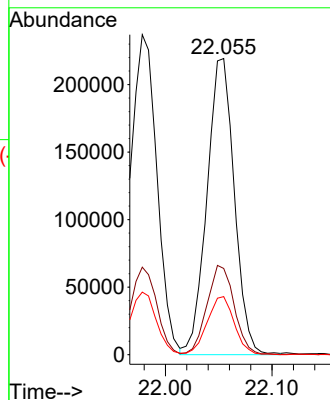
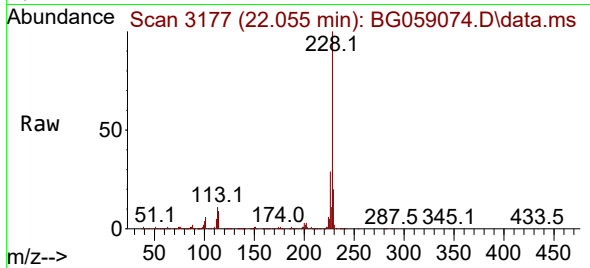
Tgt Ion:228 Resp: 391588

Ion Ratio Lower Upper

228 100

226 29.1 24.1 36.1

229 19.6 16.3 24.5



#89

Di-n-octyl phthalate

Concen: 17.013 ng/ul

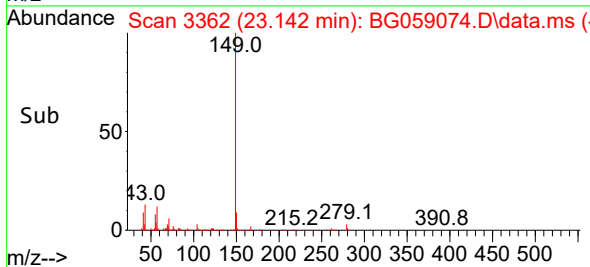
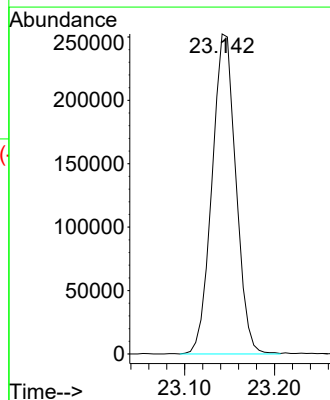
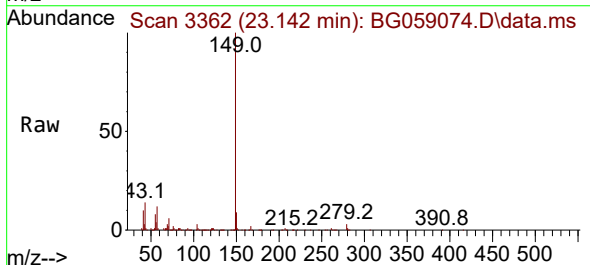
RT: 23.142 min Scan# 3362

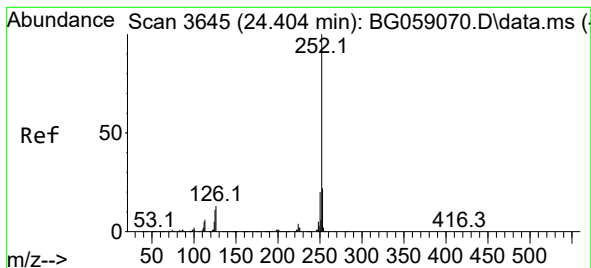
Delta R.T. -0.005 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

Tgt Ion:149 Resp: 466372





#90

Benzo(b)fluoranthene

Concen: 16.924 ng/ul

RT: 24.399 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

Instrument :

BNA_G

ClientSampleId :

SICV427

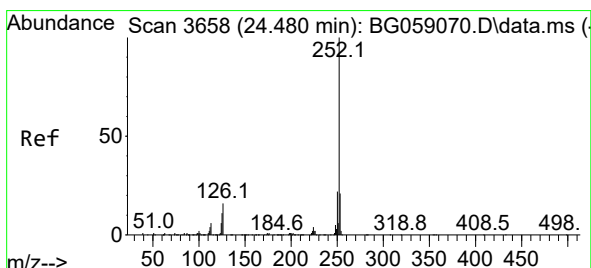
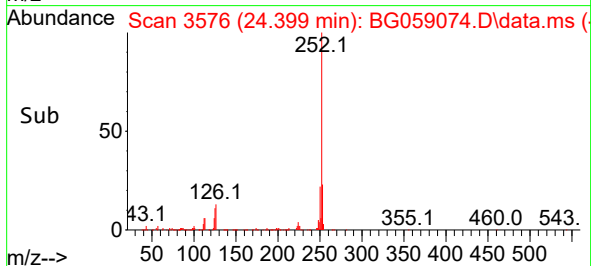
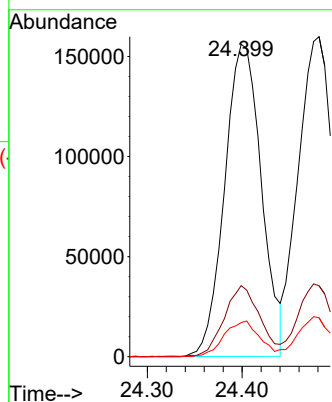
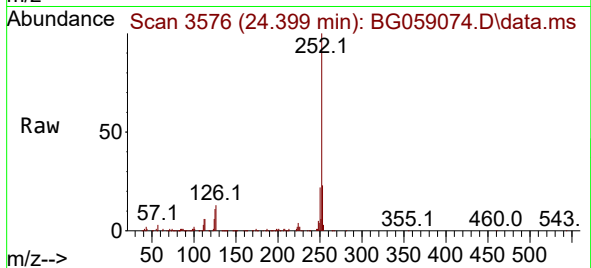
Tgt Ion:252 Resp: 420668

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

125 10.9 8.8 13.2



#91

Benzo(k)fluoranthene

Concen: 16.865 ng/ul

RT: 24.481 min Scan# 3590

Delta R.T. 0.001 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

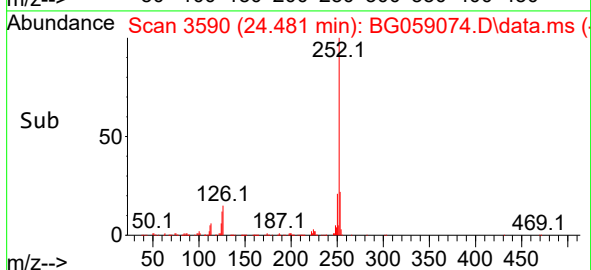
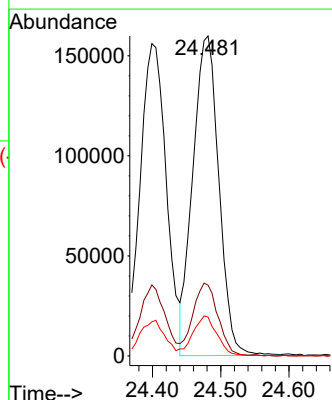
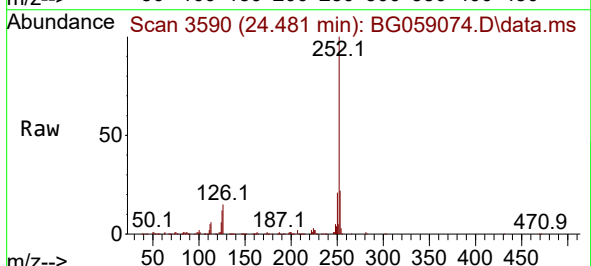
Tgt Ion:252 Resp: 422679

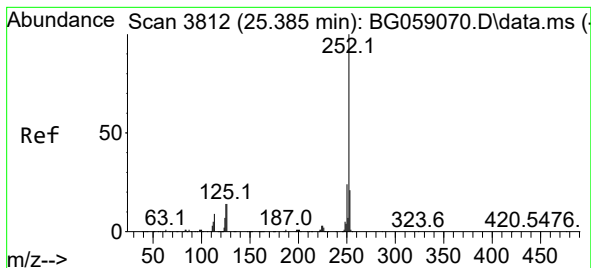
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.1 8.7 13.1





#93

Benzo(a)pyrene

Concen: 16.802 ng/ul

RT: 25.386 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

Instrument :

BNA_G

ClientSampleId :

SICV427

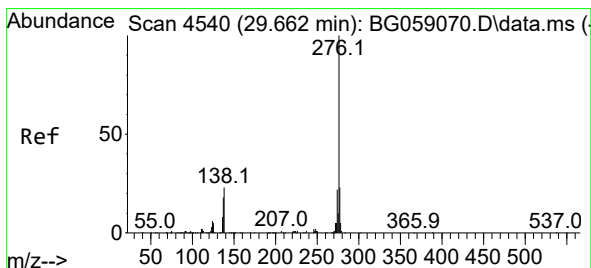
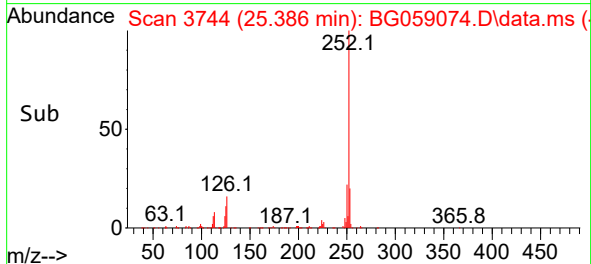
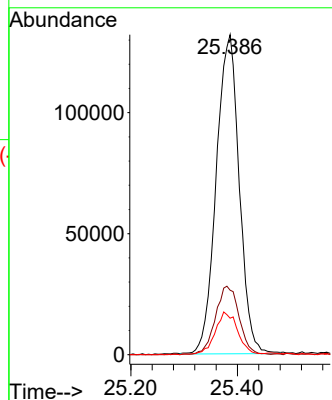
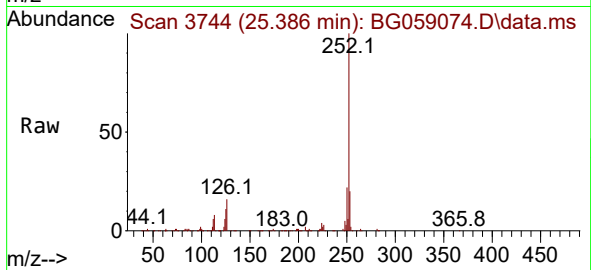
Tgt Ion:252 Resp: 395171

Ion Ratio Lower Upper

252 100

253 20.2 17.3 25.9

125 11.4 11.3 16.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 14.204 ng/ul

RT: 29.663 min Scan# 4472

Delta R.T. 0.001 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

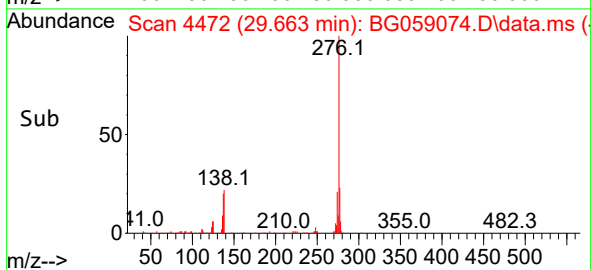
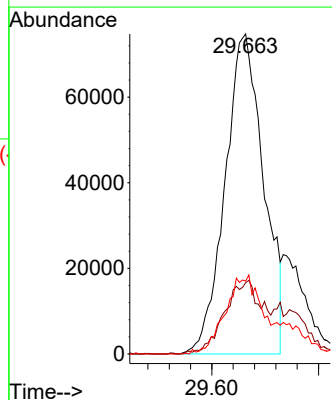
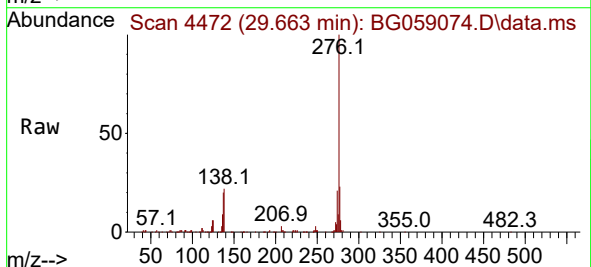
Tgt Ion:276 Resp: 375982

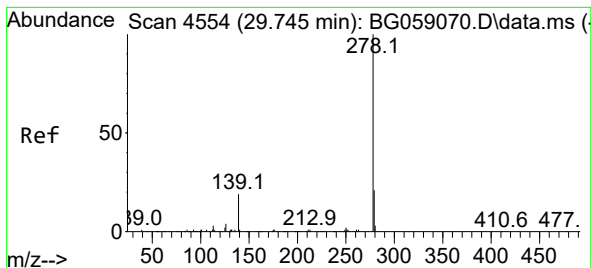
Ion Ratio Lower Upper

276 100

138 22.3 18.3 27.5

277 22.8 18.3 27.5





#95

Dibenzo(a,h)anthracene

Concen: 16.912 ng/ul

RT: 29.752 min Scan# 4487

Delta R.T. 0.007 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

Instrument :

BNA_G

ClientSampleId :

SICV427

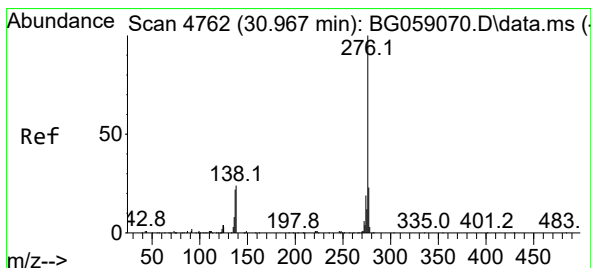
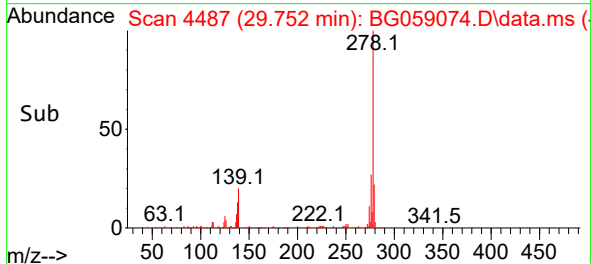
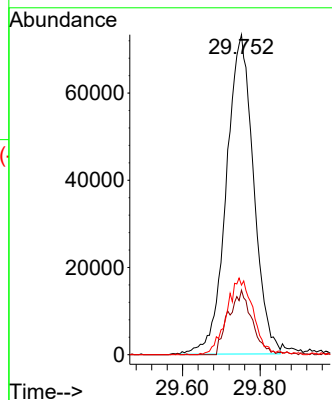
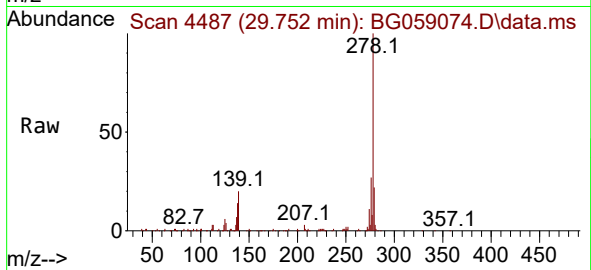
Tgt Ion:278 Resp: 356984

Ion Ratio Lower Upper

278 100

139 20.1 14.6 22.0

279 21.7 17.2 25.8



#96

Benzo(g,h,i)perylene

Concen: 10.966 ng/ul

RT: 30.962 min Scan# 4693

Delta R.T. -0.005 min

Lab File: BG059074.D

Acq: 15 Sep 2023 18:59

Tgt Ion:276 Resp: 236558

Ion Ratio Lower Upper

276 100

138 23.0 19.1 28.7

277 24.2 18.2 27.2

