

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG058989.D
 Acq On : 11 Sep 2023 18:54
 Operator : MA/JU
 Sample : PB155374BS
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS374

Quant Time: Sep 12 00:52:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 00:07:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	92862	20.000	ng/u1	0.00
20) Naphthalene-d8	11.166	136	465523	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.950	164	331830	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.700	188	820910	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.024	240	747982	20.000	ng/u1	0.00
88) Perylene-d12	25.591	264	846644	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.634	96	12723	5.824	ng/uL	0.00
4) Pyridine-d5	4.069	84	162294	23.463	ng/u1	0.00
7) Phenol-d5	7.435	99	255657	27.301	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.641	67	140758	25.634	ng/u1	0.00
11) 2-Chlorophenol-d4	7.841	132	163514	27.226	ng/u1	0.00
15) 4-Methylphenol-d8	9.004	113	190619	26.348	ng/u1	0.00
21) Nitrobenzene-d5	9.521	128	87118	25.800	ng/u1	0.00
24) 2-Nitrophenol-d4	10.238	143	105348	28.433	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.761	165	201410	25.577	ng/u1	0.00
31) 4-Chloroaniline-d4	11.307	131	238826	22.553	ng/u1	0.00
46) Dimethylphthalate-d6	14.345	166	609764	23.690	ng/u1	0.00
49) Acenaphthylene-d8	14.651	160	681527	23.777	ng/u1	0.00
54) 4-Nitrophenol-d4	15.121	143	112677	26.354	ng/u1	0.00
60) Fluorene-d10	15.937	176	557412	24.402	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.043	200	105658	26.221	ng/u1	0.00
73) Anthracene-d10	17.800	188	848428	23.281	ng/u1	0.00
81) Pyrene-d10	20.068	212	995637	25.128	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.338	264	1044896	25.177	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.675	88	27645	9.821	ng/uL#	88
5) Pyridine	4.092	79	175997	23.830	ng/u1	97
6) Benzaldehyde	7.471	77	132290	23.101	ng/u1#	81
8) Phenol	7.465	94	278198	27.937	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.741	93	194489	26.722	ng/u1	96
12) 2-Chlorophenol	7.876	128	176130	28.372	ng/u1	96
13) 2-Methylphenol	8.740	108	210569	28.083	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.834	45	223889	25.618	ng/u1	97
16) Acetophenone	9.169	105	331524	27.640	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.133	70	175728	26.136	ng/u1#	98
18) 4-Methylphenol	9.075	108	220367	26.911	ng/u1	96
19) Hexachloroethane	9.410	117	71390	27.439	ng/u1	90
22) Nitrobenzene	9.568	77	256109	25.335	ng/u1	99
23) Isophorone	10.074	82	524329	24.418	ng/u1	98
25) 2-Nitrophenol	10.273	139	106335	28.146	ng/u1	93
26) 2,4-Dimethylphenol	10.291	107	204272	21.817	ng/u1	88
27) Bis(2-Chloroethoxy)met...	10.555	93	285539	24.811	ng/u1	92
29) 2,4-Dichlorophenol	10.790	162	197902	26.529	ng/u1	98
30) Naphthalene	11.219	128	617224	25.153	ng/u1	99
32) 4-Chloroaniline	11.337	127	209255	20.582	ng/u1	99
33) Hexachlorobutadiene	11.454	225	141853	24.303	ng/u1	95
35) 4-Chloro-3-methylphenol	12.400	107	232007	25.313	ng/u1	90
36) 2-Methylnaphthalene	12.800	142	440476	24.056	ng/u1	94
37) 1-Methylnaphthalene	13.017	142	435204	24.096	ng/u1	96

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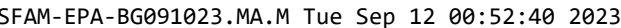
Instrument :
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 ClientSampleId :
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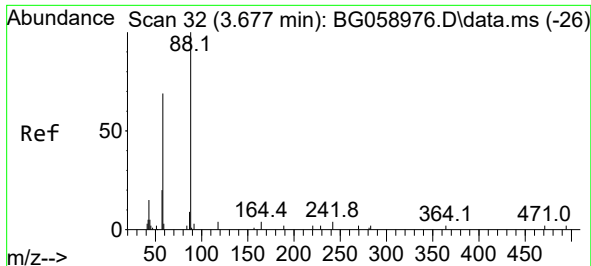
Quant Time: Sep 12 00:52:28 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.141	216	260126	24.015	ng/ul#	94
40) Hexachlorocyclopentadiene	13.094	237	139246	17.471	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.381	196	166163	24.164	ng/ul	99
42) 2,4,5-Trichlorophenol	13.446	196	183861	24.697	ng/ul	94
43) 1,1'-Biphenyl	13.787	154	615125	24.799	ng/ul	98
44) 2-Chloronaphthalene	13.840	162	476403	25.147	ng/ul	98
45) 2-Nitroaniline	14.051	65	153817	26.474	ng/ul	94
47) Dimethylphthalate	14.392	163	615794	25.303	ng/ul	98
48) 2,6-Dinitrotoluene	14.533	165	125067	27.015	ng/ul	89
50) Acenaphthylene	14.680	152	758060	24.258	ng/ul	99
51) 3-Nitroaniline	14.868	138	127495	28.698	ng/ul#	82
52) Acenaphthene	15.015	153	529304	25.241	ng/ul	98
53) 2,4-Dinitrophenol	15.062	184	77631	26.016	ng/ul	98
55) 4-Nitrophenol	15.132	109	127493	25.273	ng/ul	88
56) Dibenzofuran	15.350	168	772363	25.429	ng/ul	98
57) 2,4-Dinitrotoluene	15.309	165	184406	28.867	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.550	232	161949	22.775	ng/ul#	91
59) Diethylphthalate	15.738	149	601676	25.076	ng/ul	95
61) Fluorene	15.996	166	629387	25.212	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.978	204	317131	24.008	ng/ul	98
63) 4-Nitroaniline	16.037	138	127639	30.314	ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.055	198	115471	26.256	ng/ul#	96
67) N-Nitrosodiphenylamine	16.196	169	528693	24.433	ng/ul	97
68) 4-Bromophenyl-phenylether	16.877	248	214877	23.861	ng/ul	97
69) Hexachlorobenzene	16.960	284	243104	23.515	ng/ul	94
70) Atrazine	17.124	200	88172	10.412	ng/ul	98
71) Pentachlorophenol	17.312	266	134114	21.045	ng/ul	91
72) Phenanthrene	17.741	178	1024171	24.582	ng/ul	99
74) Anthracene	17.835	178	1018932	24.062	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.740	216	28414	2.399	ng/uL	89
76) Pentachlorobenzene	15.238	250	280771	24.527	ng/uL	98
77) Carbazole	18.105	167	925868	26.110	ng/ul	98
78) Di-n-butylphthalate	18.616	149	1025439	26.086	ng/ul	98
80) Fluoranthene	19.733	202	1221960	26.557	ng/ul#	98
82) Pyrene	20.097	202	1228617	25.685	ng/ul#	96
83) Butylbenzylphthalate	20.961	149	446263	29.523	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.913	252	452301	27.255	ng/ul	93
85) Benzo(a)anthracene	22.001	228	1259510	25.109	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.842	149	649510	28.691	ng/ul#	99
87) Chrysene	22.071	228	1193756	25.600	ng/ul	98
89) Di-n-octyl phthalate	23.176	149	1104105	28.349	ng/ul	100
90) Benzo(b)fluoranthene	24.433	252	1324769	26.267	ng/ul	98
91) Benzo(k)fluoranthene	24.510	252	1273208	24.703	ng/ul	95
93) Benzo(a)pyrene	25.414	252	1162729	24.710	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.715	276	1299896	21.863	ng/ul	96
95) Dibenzo(a,h)anthracene	29.803	278	1263313	25.642	ng/ul	97

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

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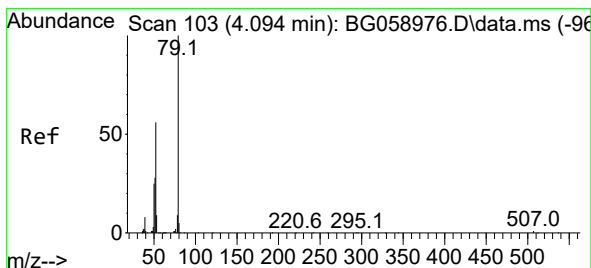
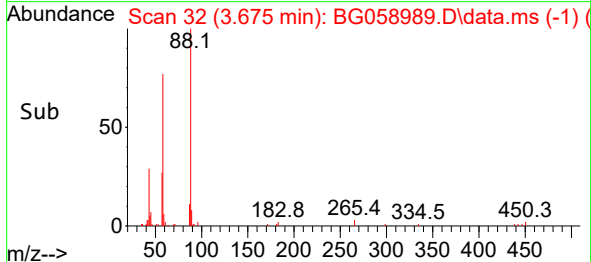
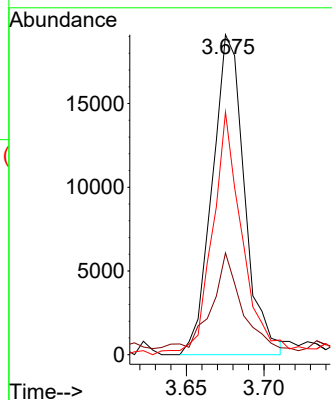
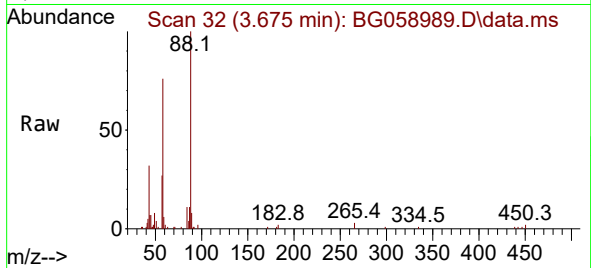




#2
1,4-Dioxane
Concen: 9.821 ng/uL
RT: 3.675 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG058989.D
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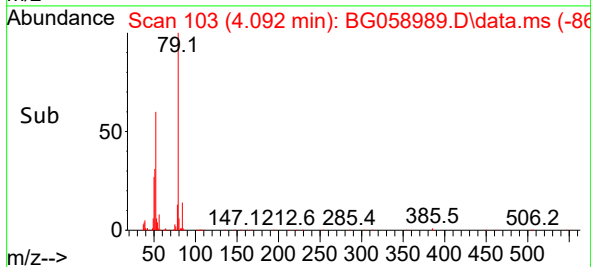
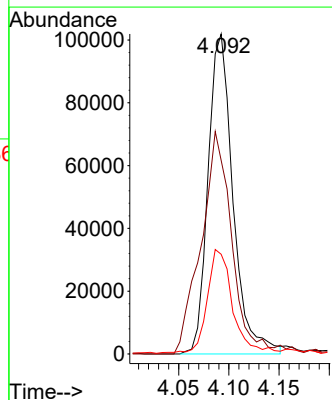
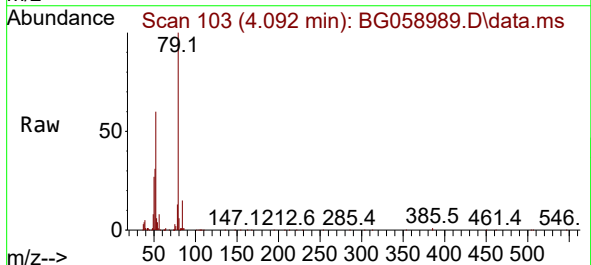
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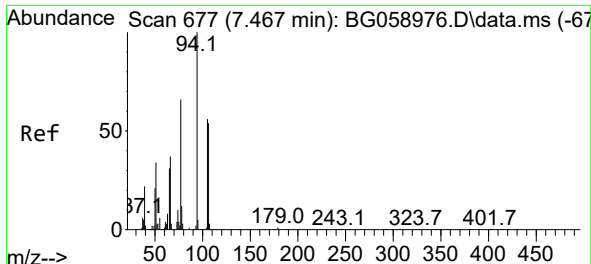
Tgt Ion: 88 Resp: 27645
Ion Ratio Lower Upper
88 100
43 31.8 18.6 28.0#
58 75.8 53.8 80.8



#5
Pyridine
Concen: 23.830 ng/uL
RT: 4.092 min Scan# 103
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion: 79 Resp: 175997
Ion Ratio Lower Upper
79 100
52 60.5 51.4 77.0
51 31.1 25.2 37.8

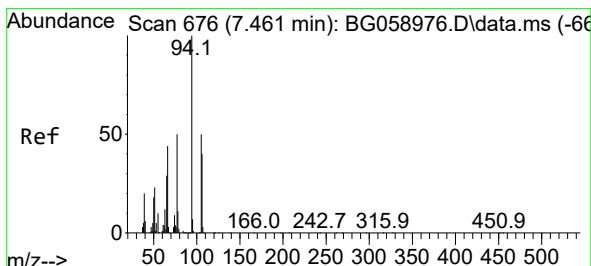
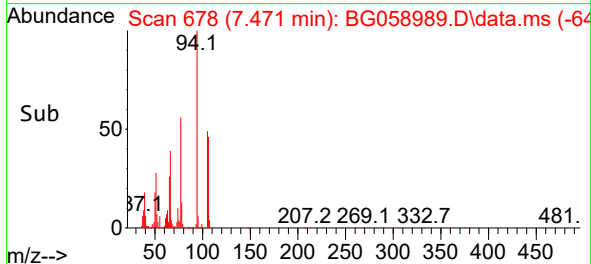
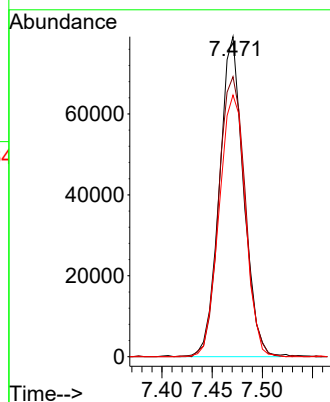
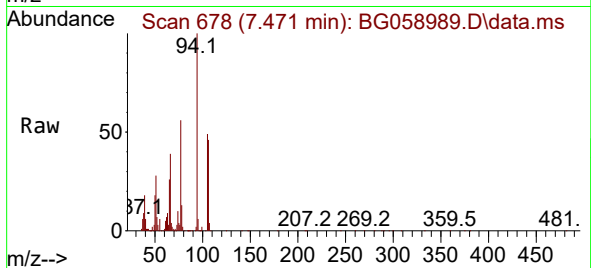




#6
Benzaldehyde
Concen: 23.101 ng/ul
RT: 7.471 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

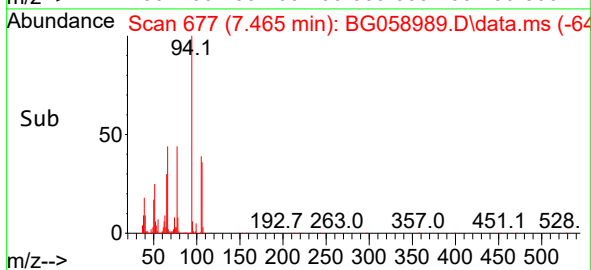
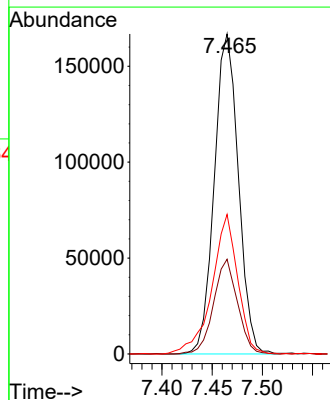
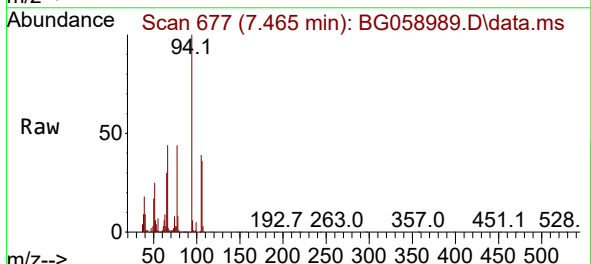
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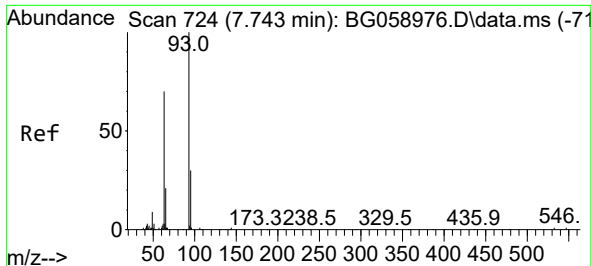
Tgt Ion: 77 Resp: 132290
Ion Ratio Lower Upper
77 100
105 87.5 81.6 122.4
106 81.8 84.5 126.7#



#8
Phenol
Concen: 27.937 ng/ul
RT: 7.465 min Scan# 677
Delta R.T. 0.005 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion: 94 Resp: 278198
Ion Ratio Lower Upper
94 100
65 29.6 22.4 33.6
66 43.6 35.0 52.6



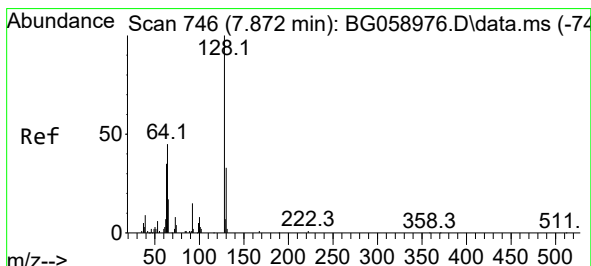
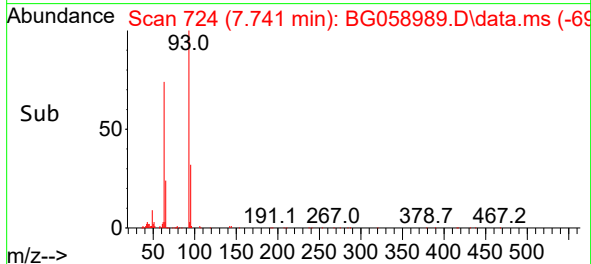
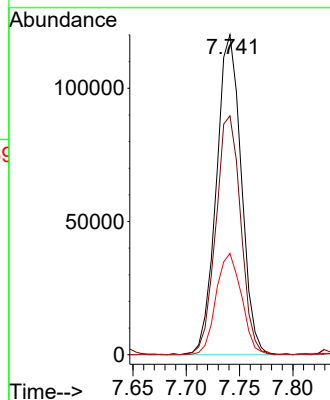
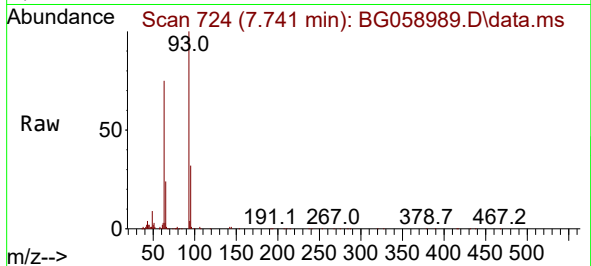


#10
 Bis(2-Chloroethyl)ether
 Concen: 26.722 ng/ul
 RT: 7.741 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BG058989.D
 Acq: 11 Sep 2023 18:54

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion: 93 Resp: 194489

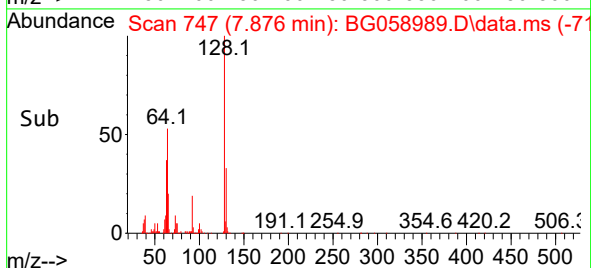
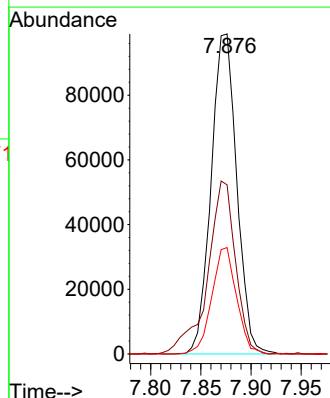
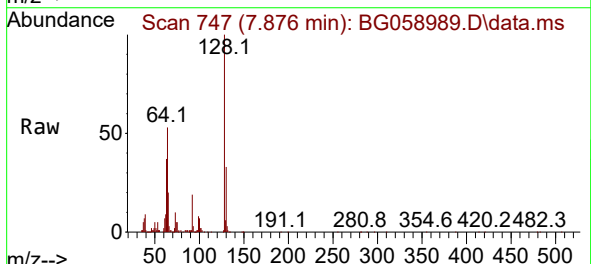
Ion	Ratio	Lower	Upper
93	100		
63	74.6	56.2	84.4
95	31.7	26.4	39.6

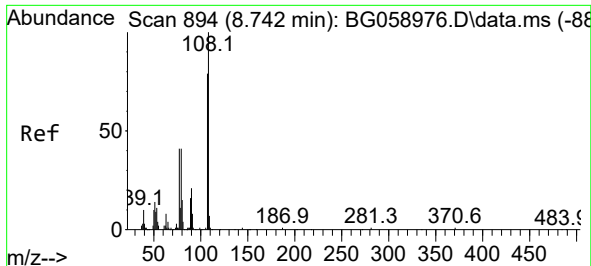


#12
 2-Chlorophenol
 Concen: 28.372 ng/ul
 RT: 7.876 min Scan# 747
 Delta R.T. 0.005 min
 Lab File: BG058989.D
 Acq: 11 Sep 2023 18:54

Tgt Ion:128 Resp: 176130

Ion	Ratio	Lower	Upper
128	100		
64	52.9	43.1	64.7
130	33.2	23.2	34.8

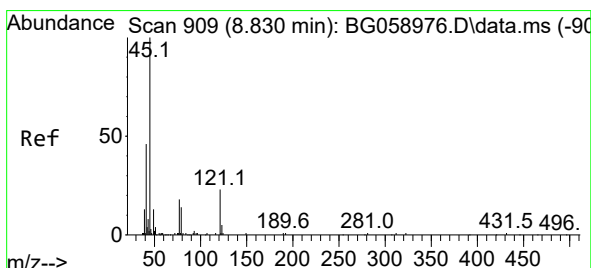
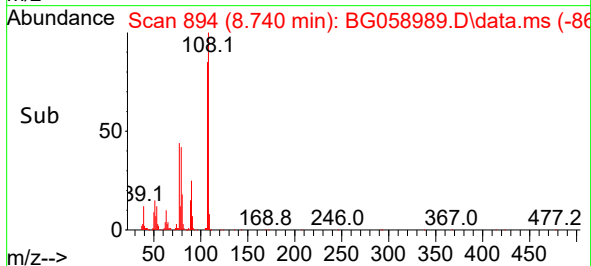
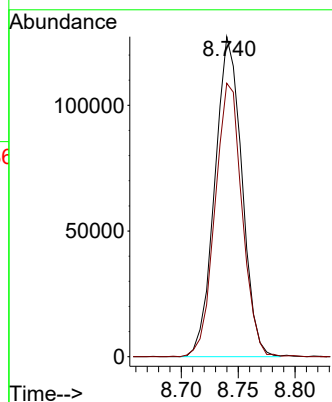
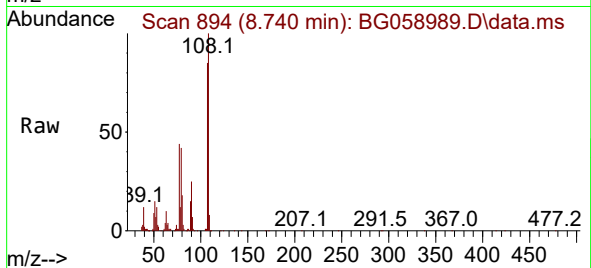




#13
2-Methylphenol
Concen: 28.083 ng/ul
RT: 8.740 min Scan# 894
Delta R.T. -0.001 min
Lab File: BG058989.D
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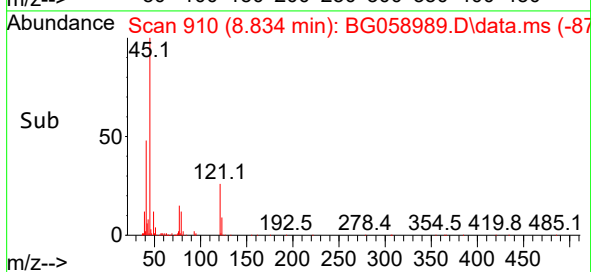
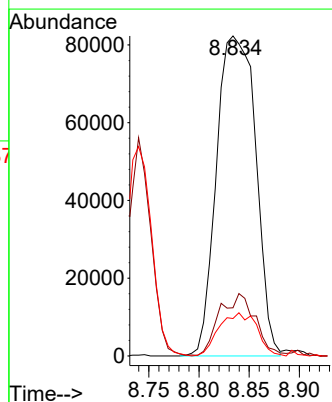
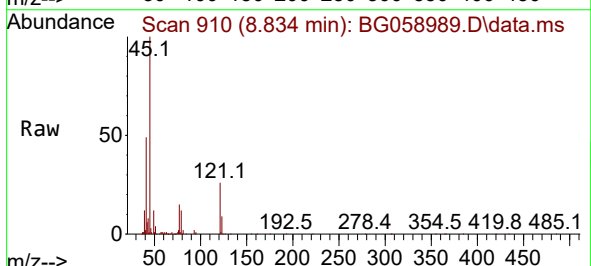
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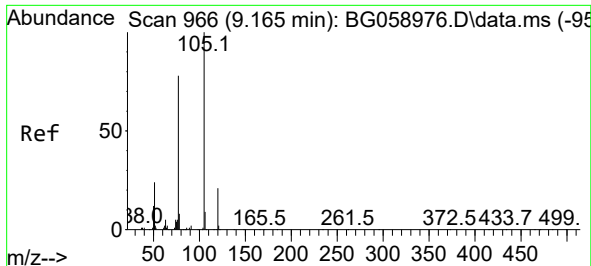
Tgt Ion:108 Resp: 210569
Ion Ratio Lower Upper
108 100
107 85.5 71.2 106.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 25.618 ng/ul
RT: 8.834 min Scan# 910
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion: 45 Resp: 223889
Ion Ratio Lower Upper
45 100
77 15.0 13.2 19.8
79 11.7 9.8 14.6

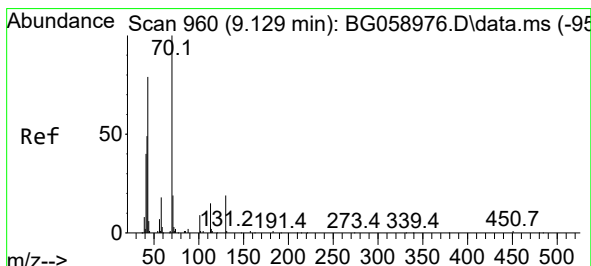
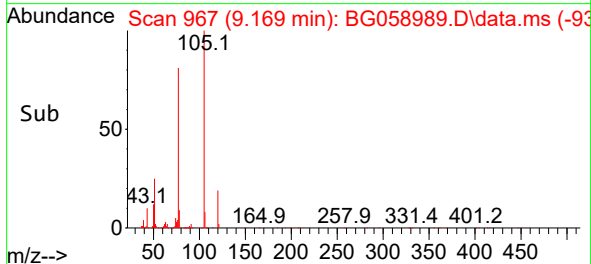
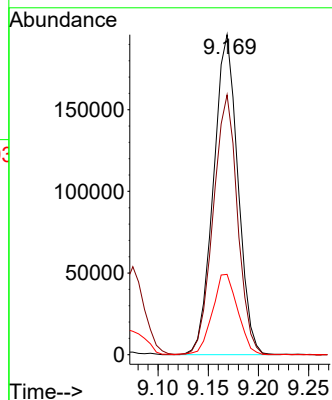
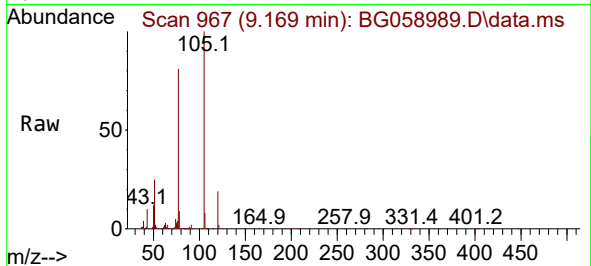




#16
Acetophenone
Concen: 27.640 ng/ul
RT: 9.169 min Scan# 901
Delta R.T. -0.001 min
Lab File: BG058989.D
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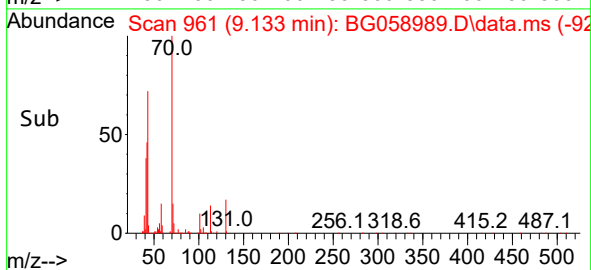
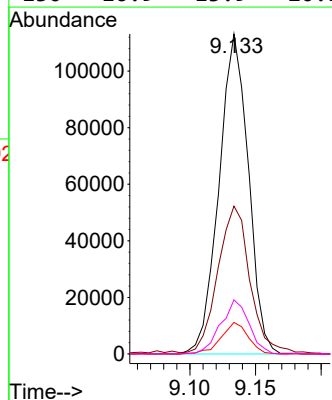
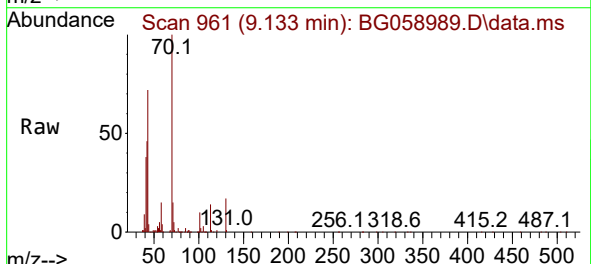
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ClientSampleId :
SLCS374

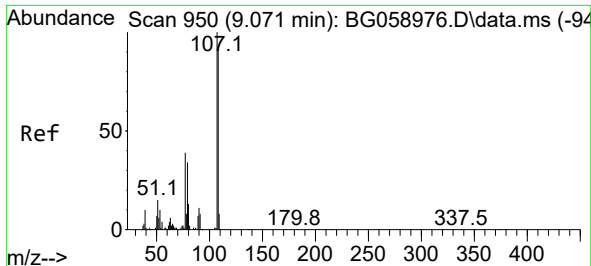
Tgt Ion:105 Resp: 331524
Ion Ratio Lower Upper
105 100
77 81.2 67.3 100.9
51 25.1 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 26.136 ng/ul
RT: 9.133 min Scan# 961
Delta R.T. 0.005 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion: 70 Resp: 175728
Ion Ratio Lower Upper
70 100
42 46.2 37.5 56.3
101 9.9 5.0 7.6#
130 16.9 13.9 20.9

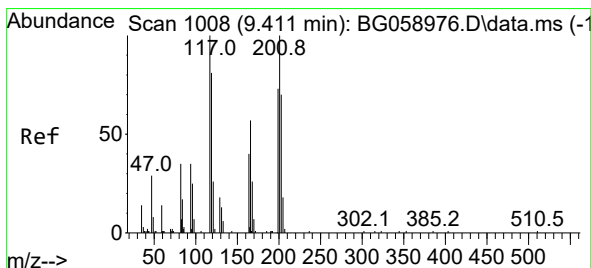
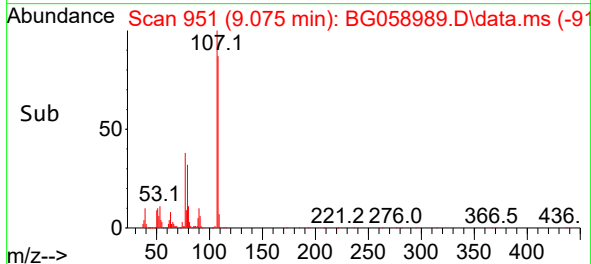
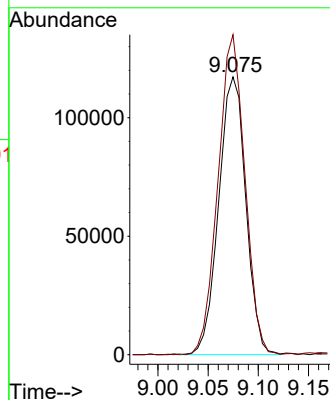
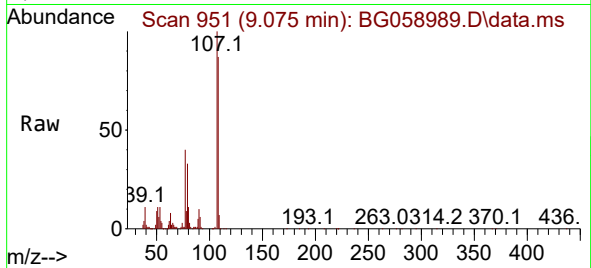




#18
4-Methylphenol
Concen: 26.911 ng/ul
RT: 9.075 min Scan# 91
Delta R.T. 0.005 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

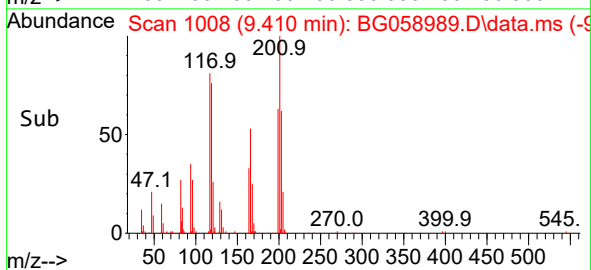
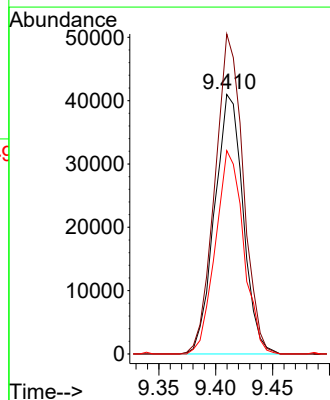
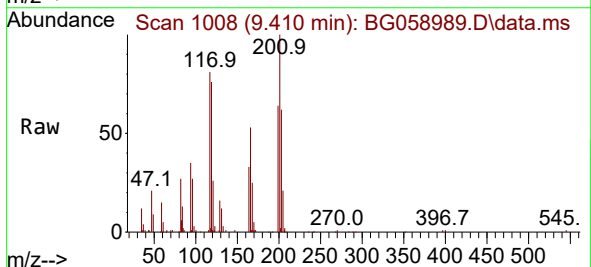
Instrument :
BNA_G
ClientSampleId :
SLCS374

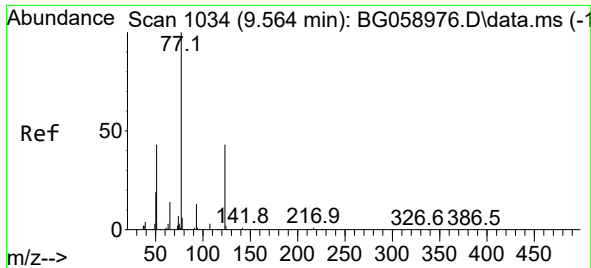
Tgt Ion:108 Resp: 220367
Ion Ratio Lower Upper
108 100
107 115.2 88.9 133.3



#19
Hexachloroethane
Concen: 27.439 ng/ul
RT: 9.410 min Scan# 1008
Delta R.T. -0.007 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:117 Resp: 71390
Ion Ratio Lower Upper
117 100
201 123.3 108.2 162.4
199 78.3 56.0 84.0

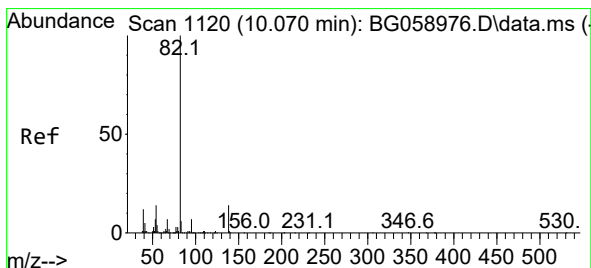
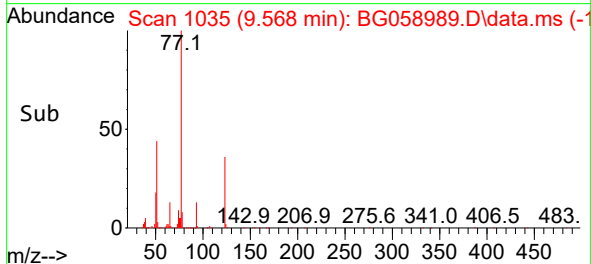
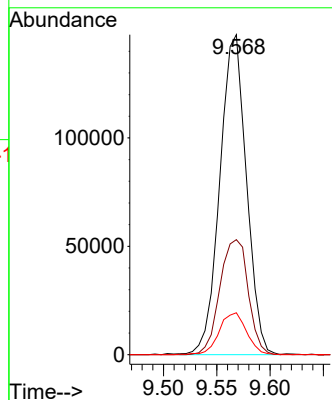
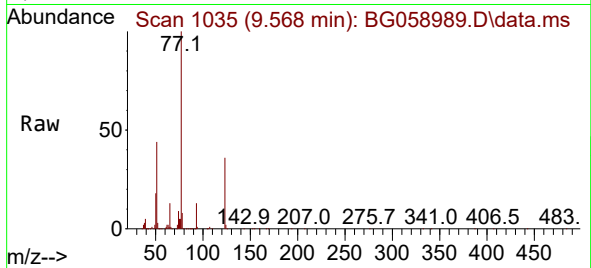




#22
Nitrobenzene
Concen: 25.335 ng/ul
RT: 9.568 min Scan# 1034
Delta R.T. 0.005 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

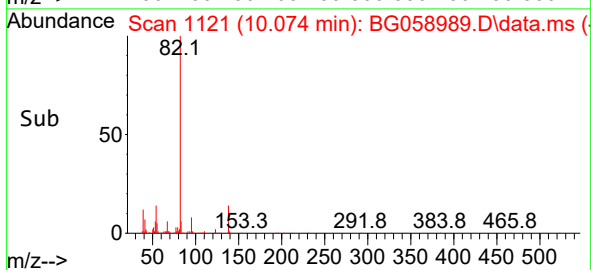
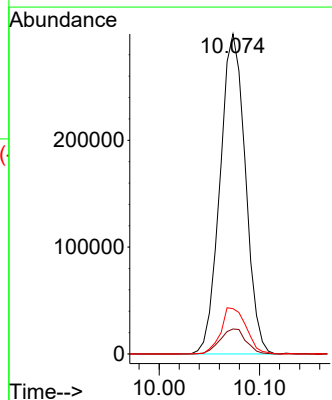
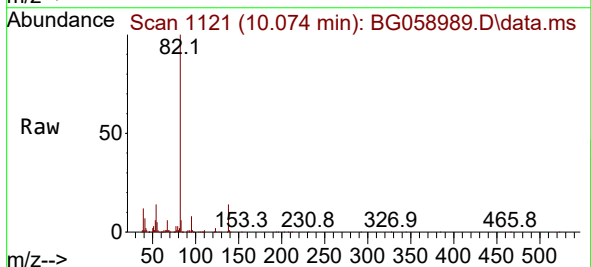
Instrument :
BNA_G
ClientSampleId :
SLCS374

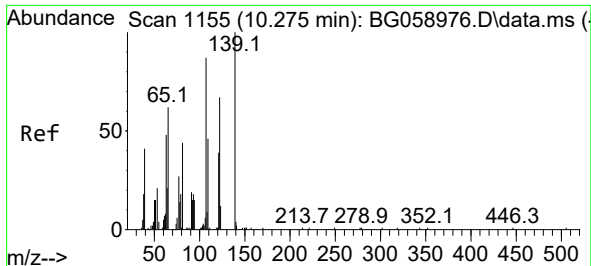
Tgt Ion: 77 Resp: 256109
Ion Ratio Lower Upper
77 100
123 36.0 28.5 42.7
65 13.1 11.5 17.3



#23
Isophorone
Concen: 24.418 ng/ul
RT: 10.074 min Scan# 1121
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion: 82 Resp: 524329
Ion Ratio Lower Upper
82 100
95 7.8 6.6 9.8
138 14.2 10.4 15.6

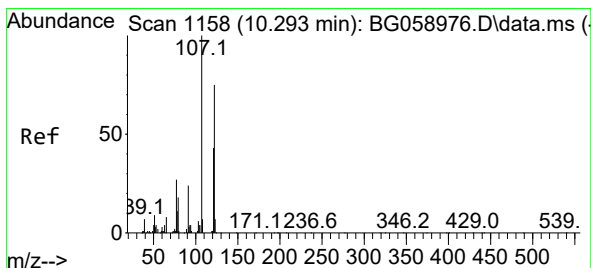
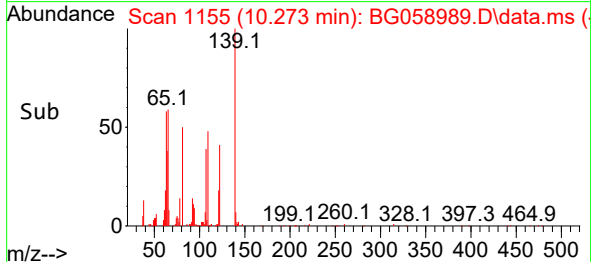
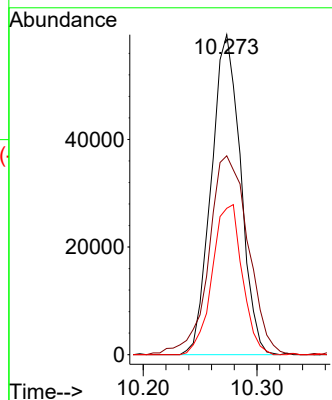
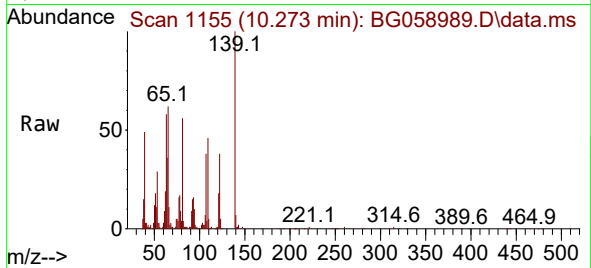




#25
2-Nitrophenol
Concen: 28.146 ng/ul
RT: 10.273 min Scan# 1155
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

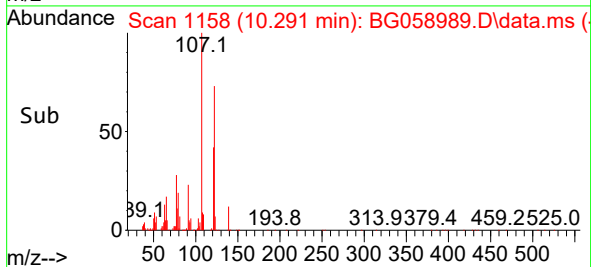
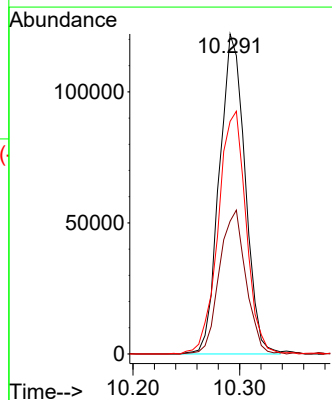
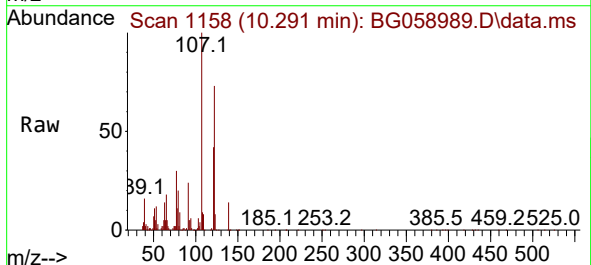
Instrument :
BNA_G
ClientSampleId :
SLCS374

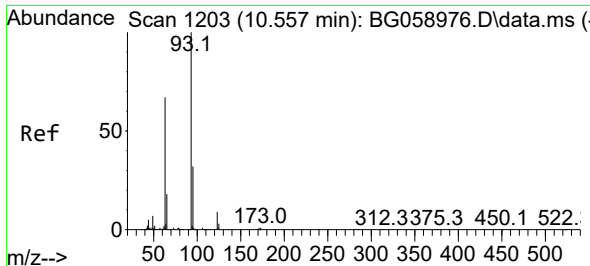
Tgt Ion:139 Resp: 106335
Ion Ratio Lower Upper
139 100
65 62.1 53.5 80.3
109 45.7 32.0 48.0



#26
2,4-Dimethylphenol
Concen: 21.817 ng/ul
RT: 10.291 min Scan# 1158
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:107 Resp: 204272
Ion Ratio Lower Upper
107 100
121 41.5 36.4 54.6
122 72.7 69.4 104.0

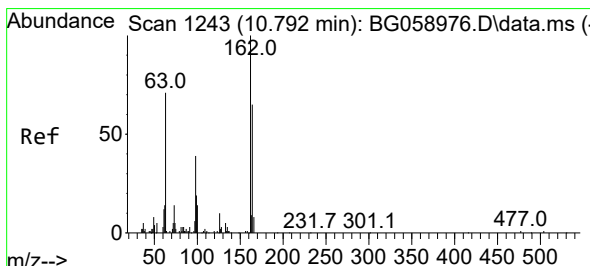
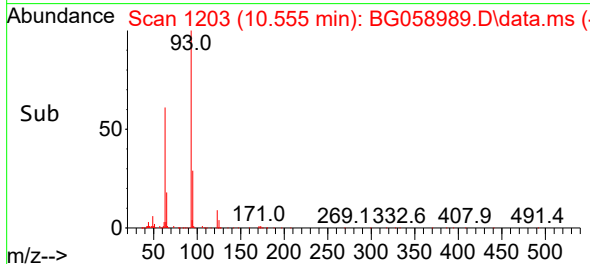
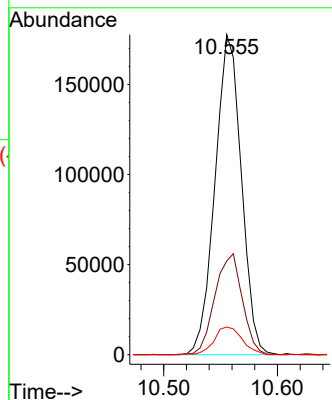
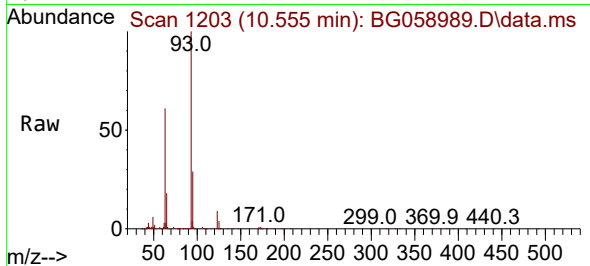




#27
 Bis(2-Chloroethoxy)methane
 Concen: 24.811 ng/ul
 RT: 10.555 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BG058989.D
 Acq: 11 Sep 2023 18:54

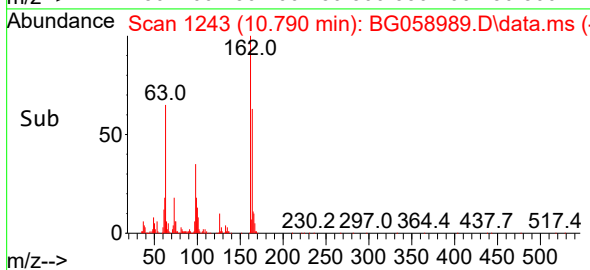
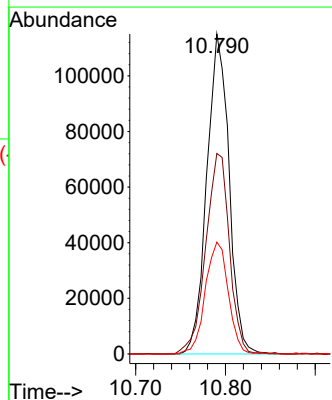
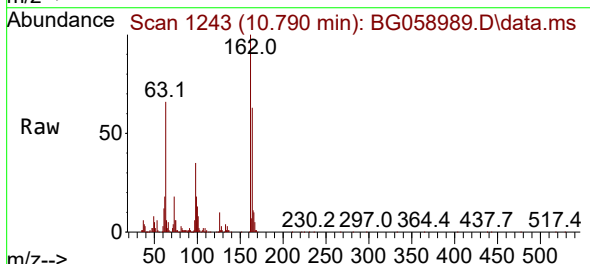
Instrument :
 BNA_G
 ClientSampleId :
 SLCS374

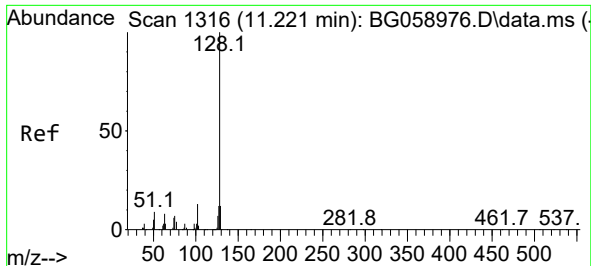
Tgt Ion:	93	Resp:	285539
Ion	Ratio	Lower	Upper
93	100		
95	29.3	27.8	41.6
123	8.7	7.3	10.9



#29
 2,4-Dichlorophenol
 Concen: 26.529 ng/ul
 RT: 10.790 min Scan# 1243
 Delta R.T. -0.001 min
 Lab File: BG058989.D
 Acq: 11 Sep 2023 18:54

Tgt Ion:	162	Resp:	197902
Ion	Ratio	Lower	Upper
162	100		
164	62.7	51.4	77.0
98	34.9	27.2	40.8

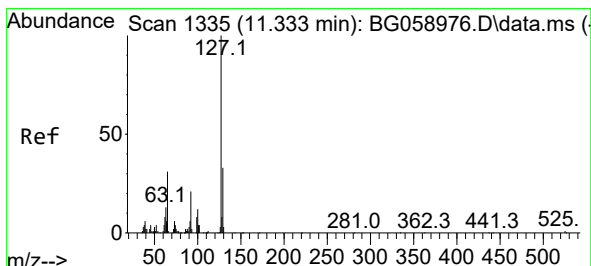
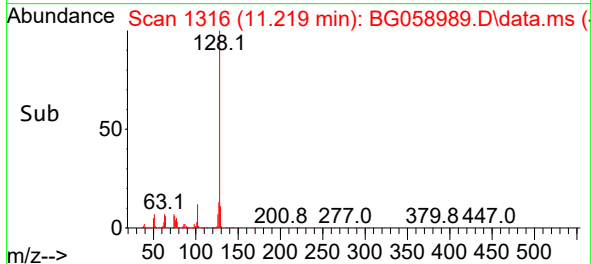
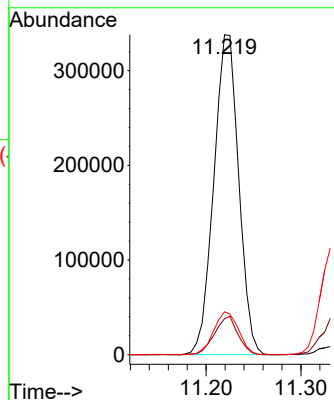
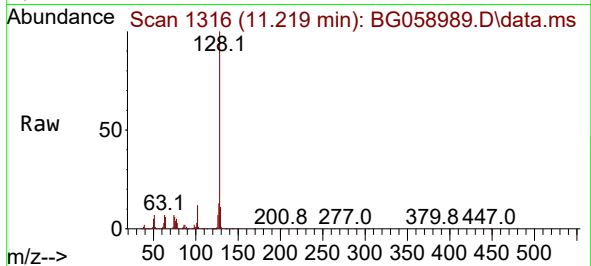




#30
Naphthalene
Concen: 25.153 ng/ul
RT: 11.219 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

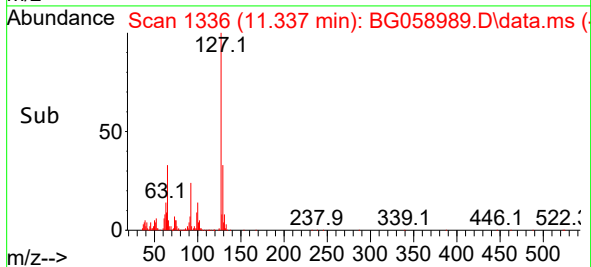
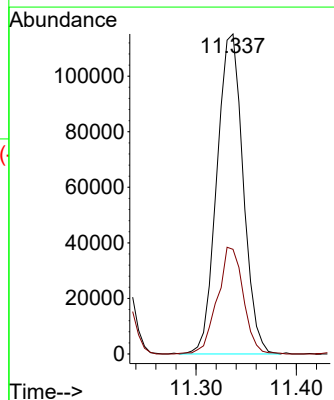
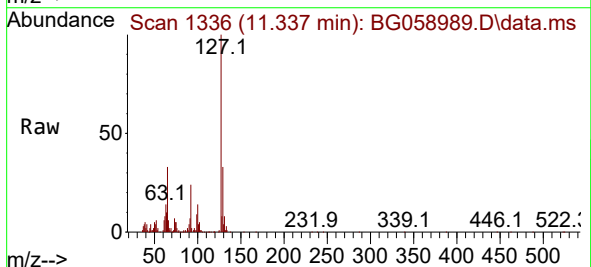
Instrument :
BNA_G
ClientSampleId :
SLCS374

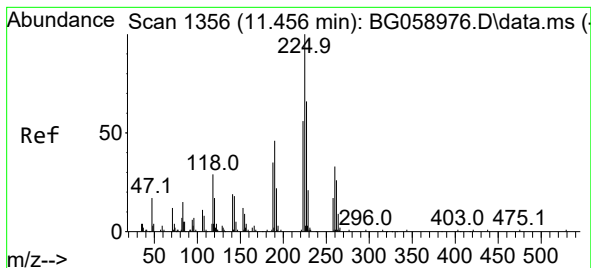
Tgt Ion:128 Resp: 617224
Ion Ratio Lower Upper
128 100
129 11.2 8.2 12.2
127 13.4 10.9 16.3



#32
4-Chloroaniline
Concen: 20.582 ng/ul
RT: 11.337 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:127 Resp: 209255
Ion Ratio Lower Upper
127 100
129 32.7 26.6 39.8





#33

Hexachlorobutadiene

Concen: 24.303 ng/ul

RT: 11.454 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

SLCS374

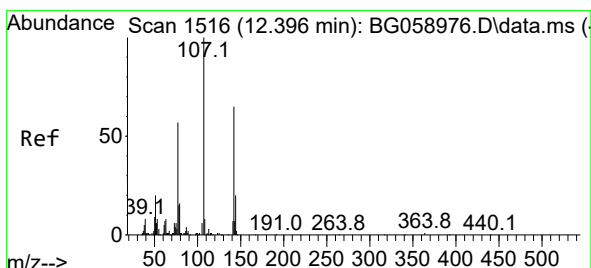
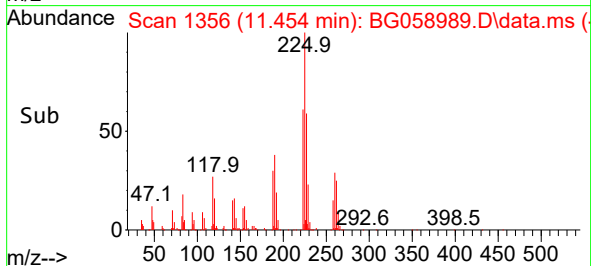
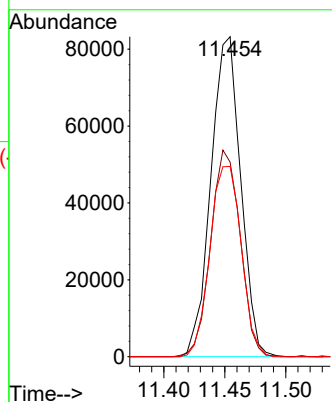
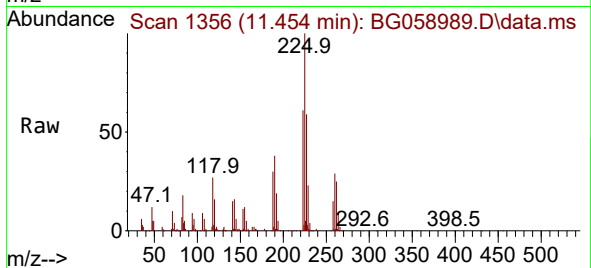
Tgt Ion:225 Resp: 141853

Ion Ratio Lower Upper

225 100

223 60.8 45.5 68.3

227 59.5 50.2 75.4



#35

4-Chloro-3-methylphenol

Concen: 25.313 ng/ul

RT: 12.400 min Scan# 1517

Delta R.T. -0.001 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

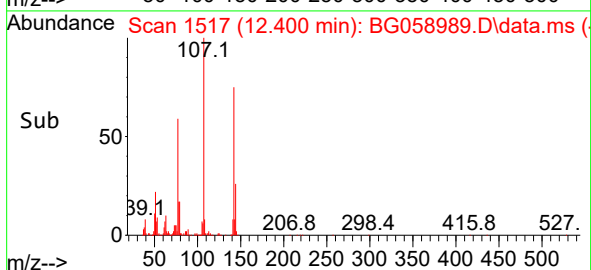
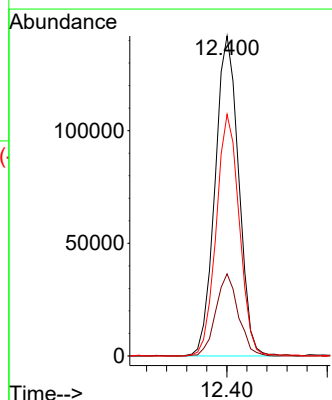
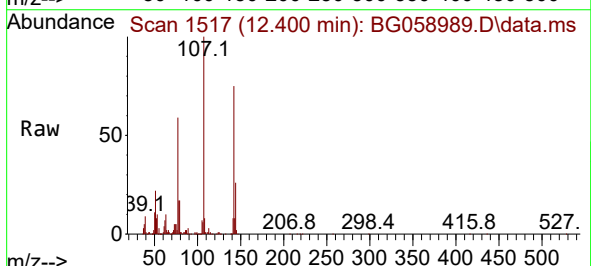
Tgt Ion:107 Resp: 232007

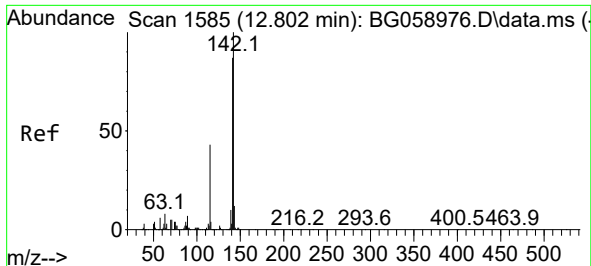
Ion Ratio Lower Upper

107 100

144 25.6 20.2 30.2

142 75.5 51.6 77.4

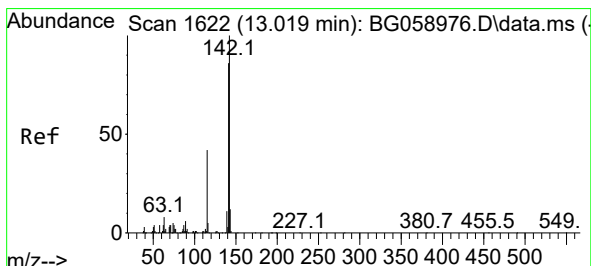
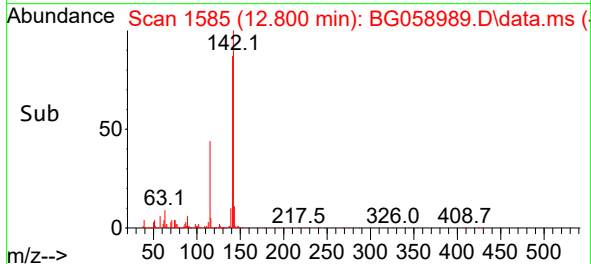
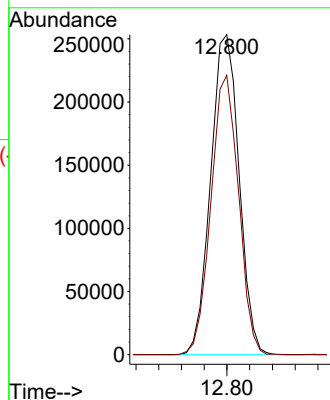
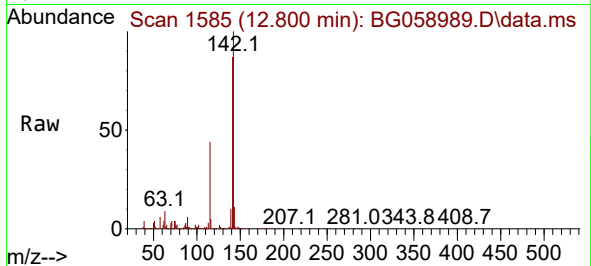




#36
2-Methylnaphthalene
Concen: 24.056 ng/ul
RT: 12.800 min Scan# 1585
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

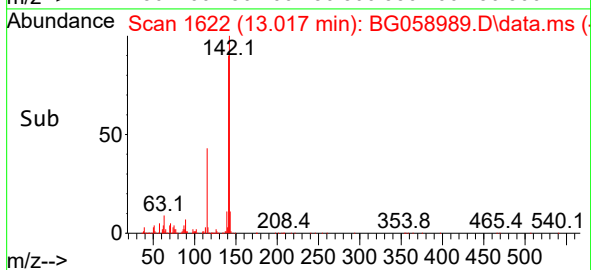
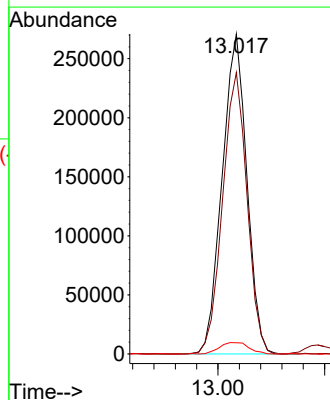
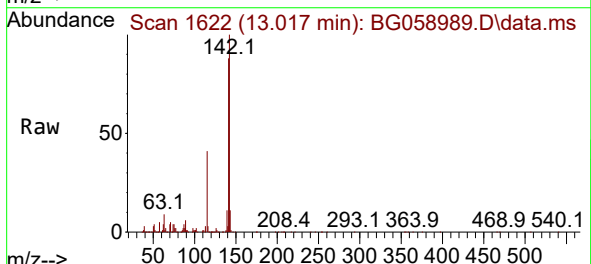
Instrument :
BNA_G
ClientSampleId :
SLCS374

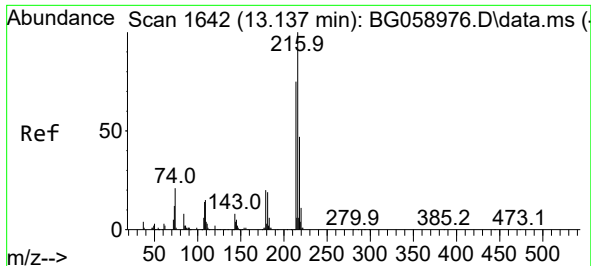
Tgt Ion:142 Resp: 440476
Ion Ratio Lower Upper
142 100
141 87.3 65.7 98.5



#37
1-Methylnaphthalene
Concen: 24.096 ng/ul
RT: 13.017 min Scan# 1622
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:142 Resp: 435204
Ion Ratio Lower Upper
142 100
141 88.0 73.1 109.7
116 3.5 3.4 5.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.015 ng/ul

RT: 13.141 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

SLCS374

Tgt Ion:216 Resp: 260126

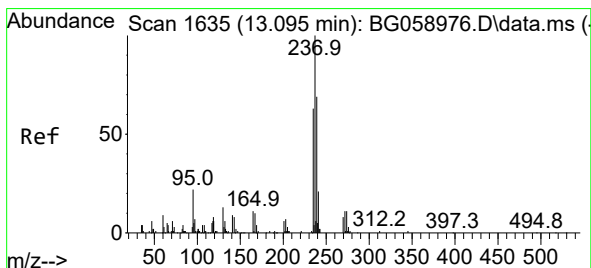
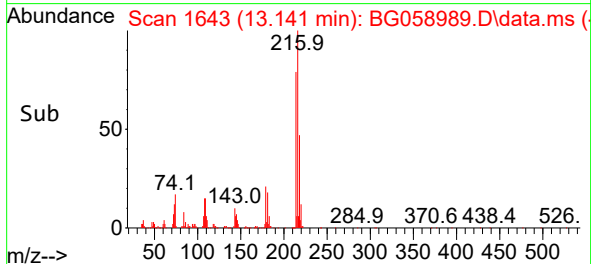
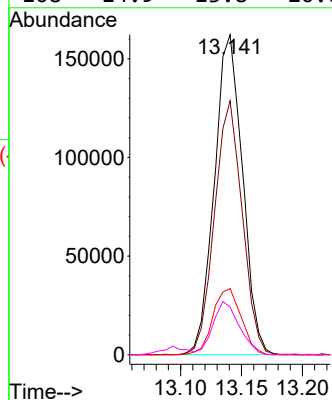
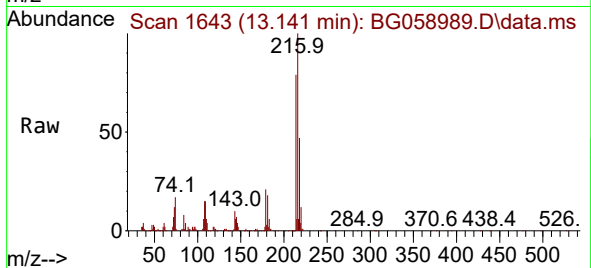
Ion Ratio Lower Upper

216 100

214 79.3 59.6 89.4

179 20.6 13.6 20.4#

108 14.9 13.8 20.6



#40

Hexachlorocyclopentadiene

Concen: 17.471 ng/ul

RT: 13.094 min Scan# 1635

Delta R.T. -0.001 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

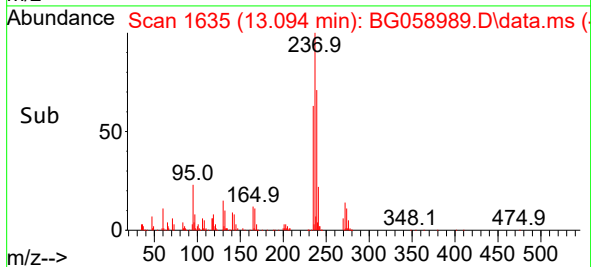
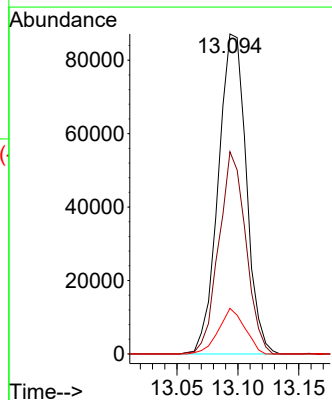
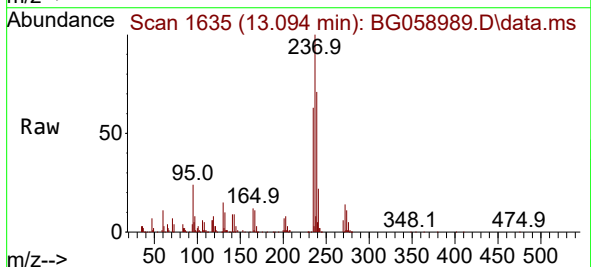
Tgt Ion:237 Resp: 139246

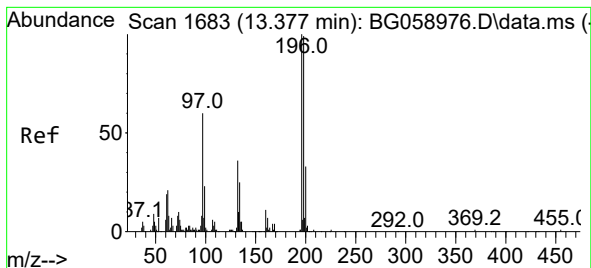
Ion Ratio Lower Upper

237 100

235 63.2 52.6 78.8

272 14.3 8.6 13.0#





#41

2,4,6-Trichlorophenol

Concen: 24.164 ng/ul

RT: 13.381 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

SLCS374

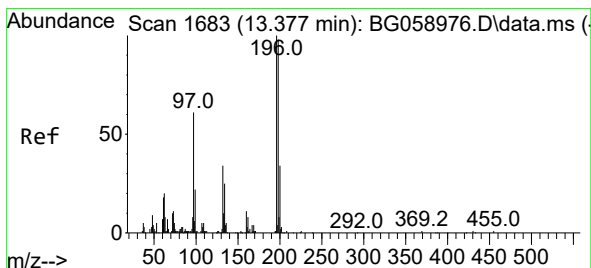
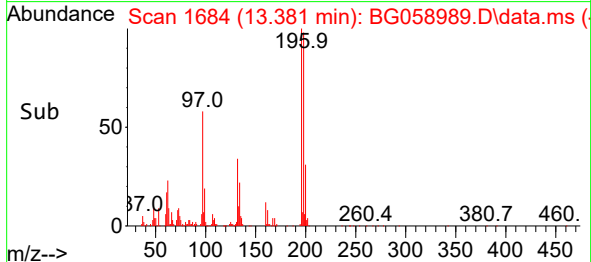
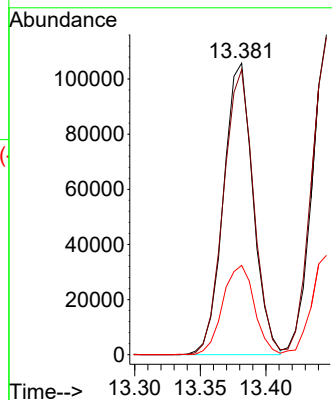
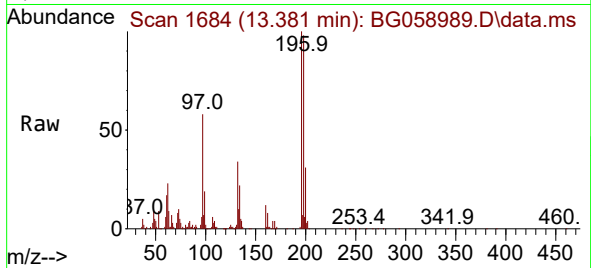
Tgt Ion:196 Resp: 166163

Ion Ratio Lower Upper

196 100

198 97.7 78.3 117.5

200 30.6 23.7 35.5



#42

2,4,5-Trichlorophenol

Concen: 24.697 ng/ul

RT: 13.446 min Scan# 1695

Delta R.T. -0.001 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

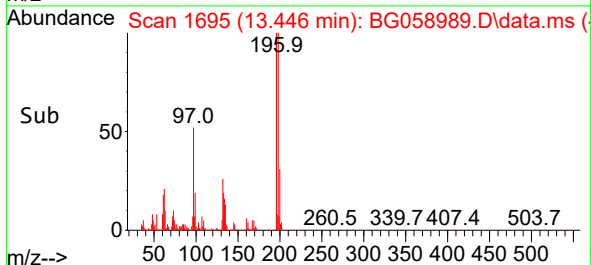
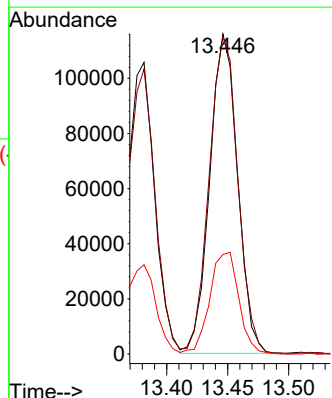
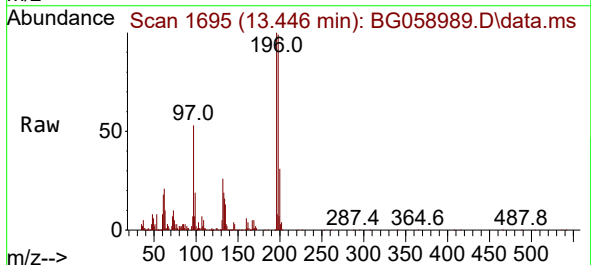
Tgt Ion:196 Resp: 183861

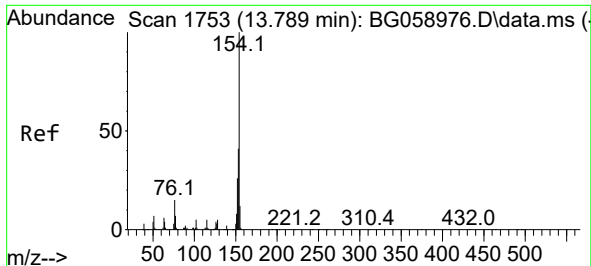
Ion Ratio Lower Upper

196 100

198 99.2 84.8 127.2

200 31.1 27.7 41.5

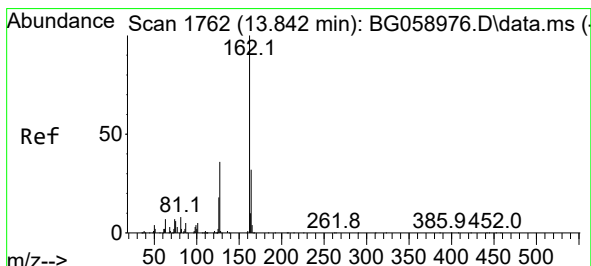
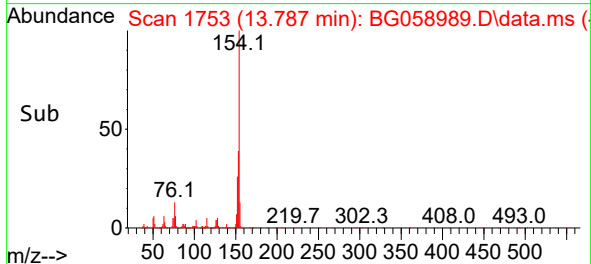
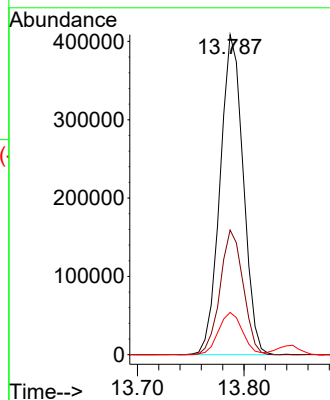
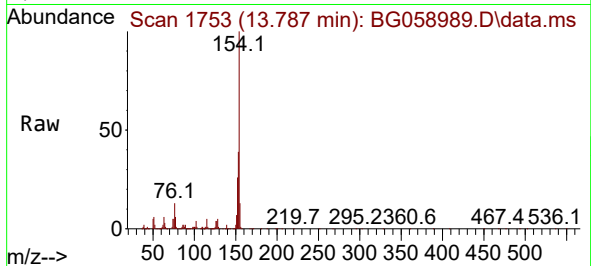




#43
1,1'-Biphenyl
Concen: 24.799 ng/ul
RT: 13.787 min Scan# 1753
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

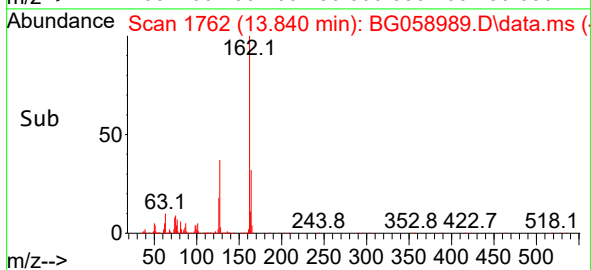
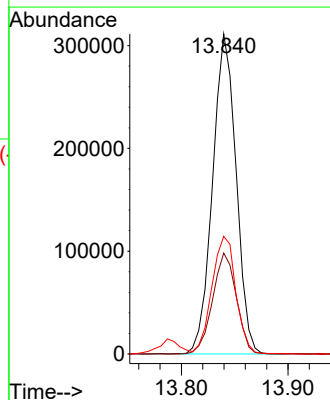
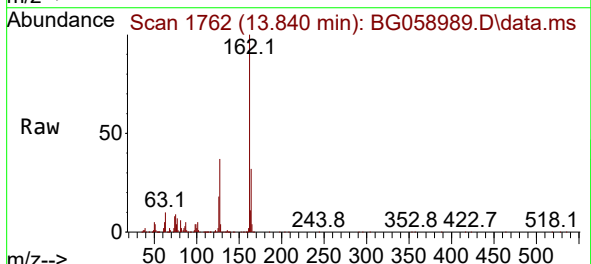
Instrument :
BNA_G
ClientSampleId :
SLCS374

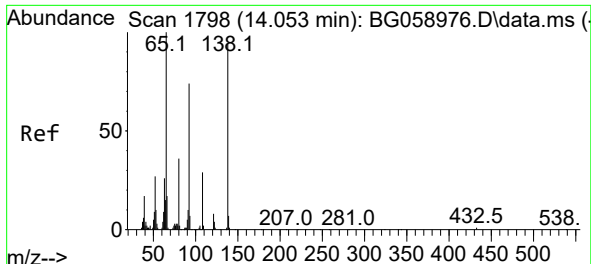
Tgt Ion:154 Resp: 615125
Ion Ratio Lower Upper
154 100
153 38.9 31.6 47.4
76 13.2 9.0 13.4



#44
2-Chloronaphthalene
Concen: 25.147 ng/ul
RT: 13.840 min Scan# 1762
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:162 Resp: 476403
Ion Ratio Lower Upper
162 100
164 31.6 27.6 41.4
127 36.7 29.4 44.0

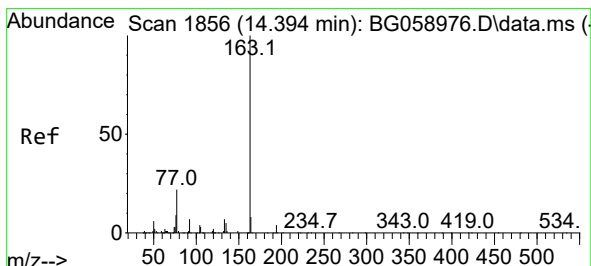
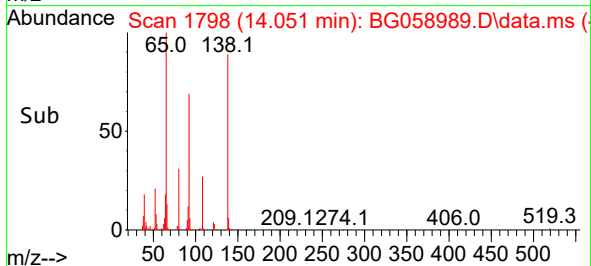
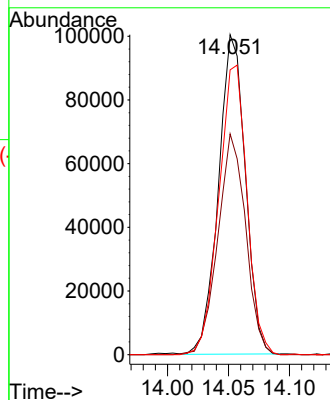
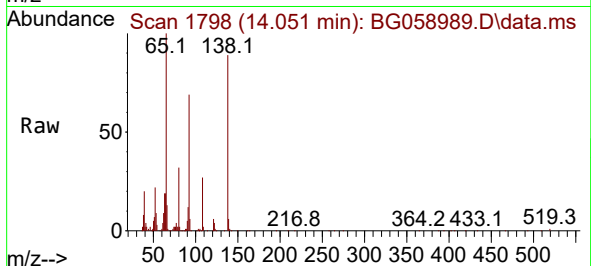




#45
2-Nitroaniline
Concen: 26.474 ng/ul
RT: 14.051 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

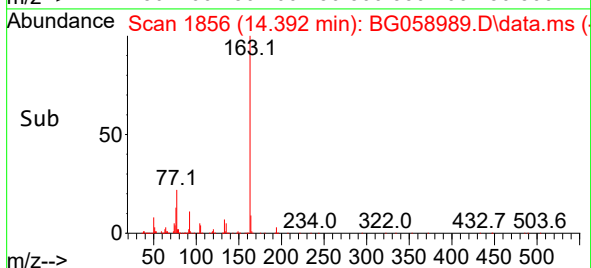
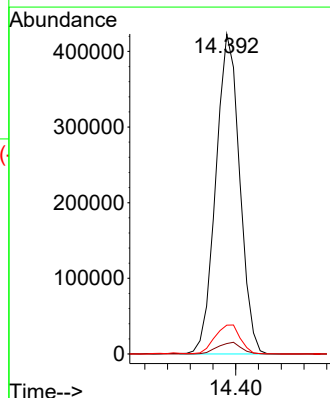
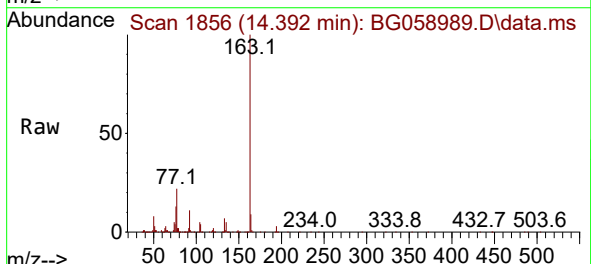
Instrument :
BNA_G
ClientSampleId :
SLCS374

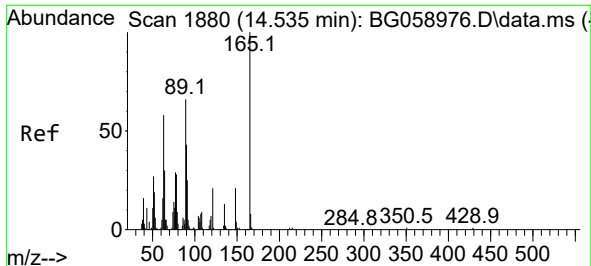
Tgt Ion: 65 Resp: 153817
Ion Ratio Lower Upper
65 100
92 69.0 54.0 81.0
138 89.0 64.8 97.2



#47
Dimethylphthalate
Concen: 25.303 ng/ul
RT: 14.392 min Scan# 1856
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:163 Resp: 615794
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.0 7.9 11.9

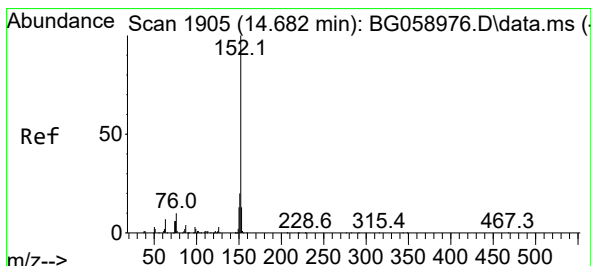
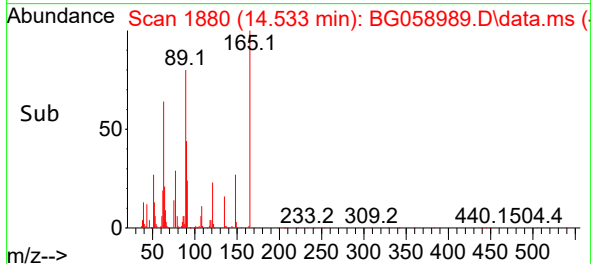
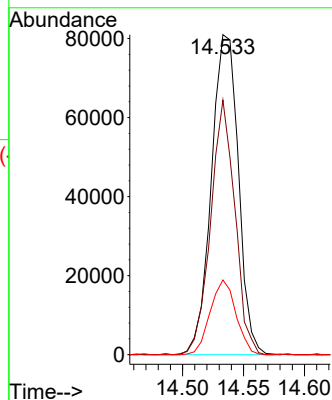
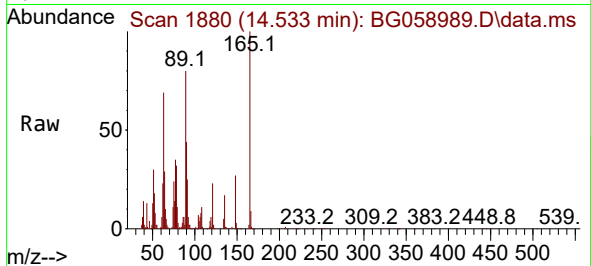




#48
2,6-Dinitrotoluene
Concen: 27.015 ng/ul
RT: 14.533 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

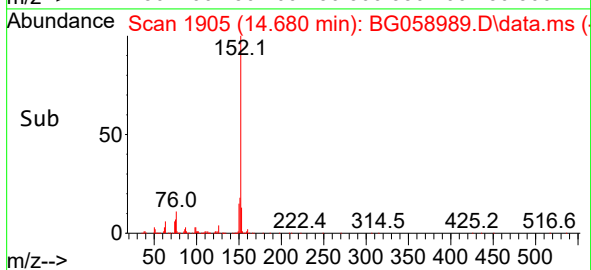
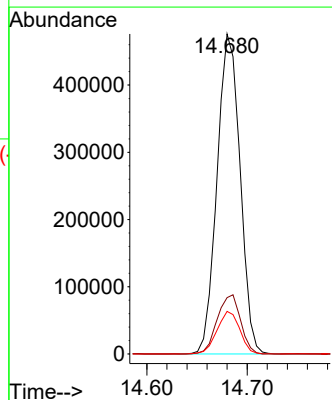
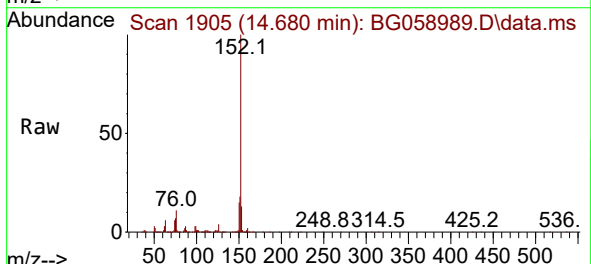
Instrument :
BNA_G
ClientSampleId :
SLCS374

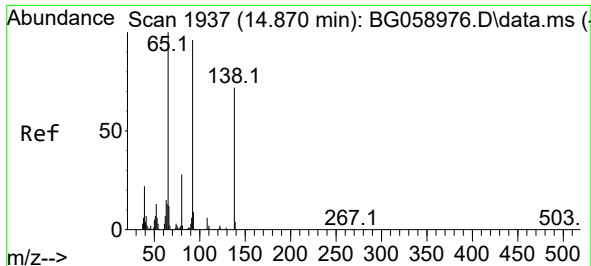
Tgt Ion:165 Resp: 125067
Ion Ratio Lower Upper
165 100
89 79.6 55.8 83.6
121 23.3 16.3 24.5



#50
Acenaphthylene
Concen: 24.258 ng/ul
RT: 14.680 min Scan# 1905
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:152 Resp: 758060
Ion Ratio Lower Upper
152 100
151 17.6 14.6 21.8
153 13.3 10.4 15.6

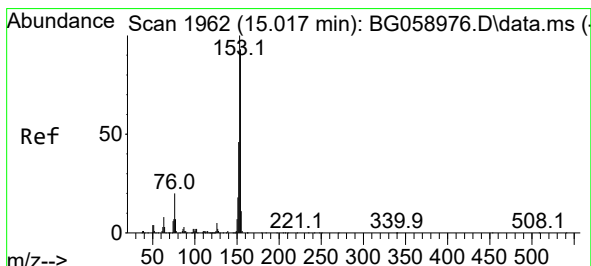
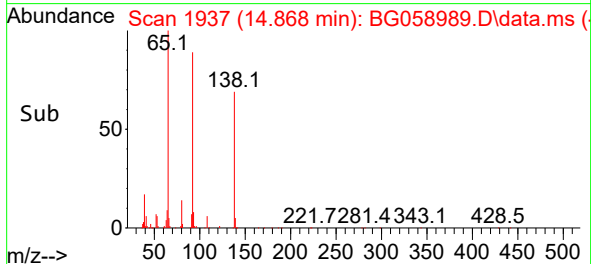
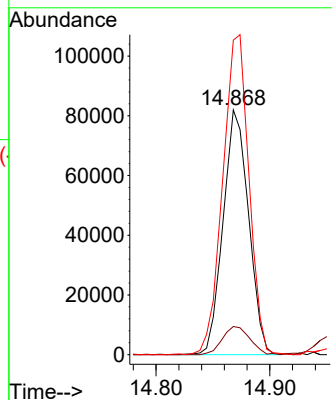
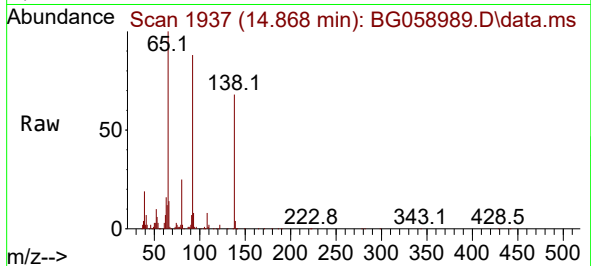




#51
3-Nitroaniline
Concen: 28.698 ng/ul
RT: 14.868 min Scan# 1937
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

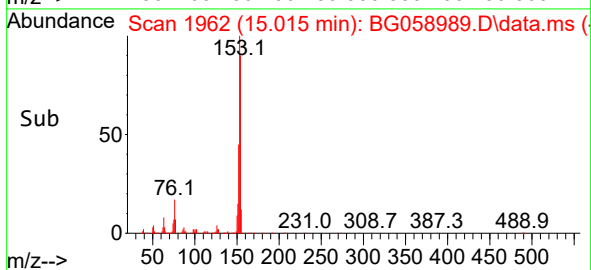
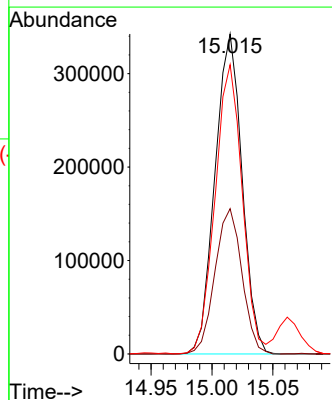
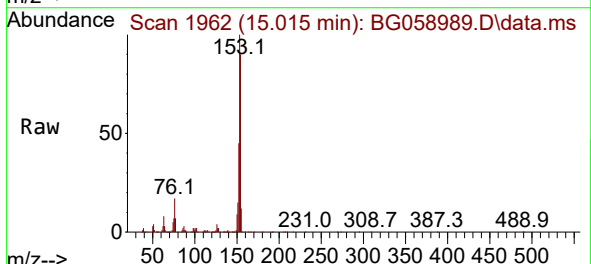
Instrument :
BNA_G
ClientSampleId :
SLCS374

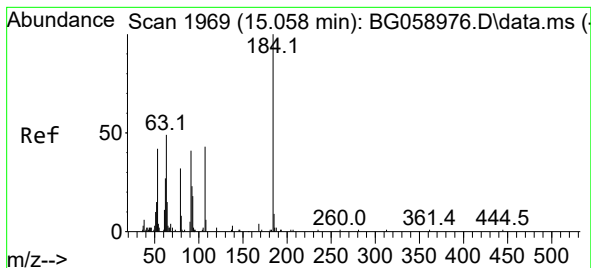
Tgt Ion:138 Resp: 127495
Ion Ratio Lower Upper
138 100
108 11.5 11.8 17.6#
92 128.5 122.2 183.2



#52
Acenaphthene
Concen: 25.241 ng/ul
RT: 15.015 min Scan# 1962
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:153 Resp: 529304
Ion Ratio Lower Upper
153 100
152 45.4 36.5 54.7
154 90.4 74.1 111.1

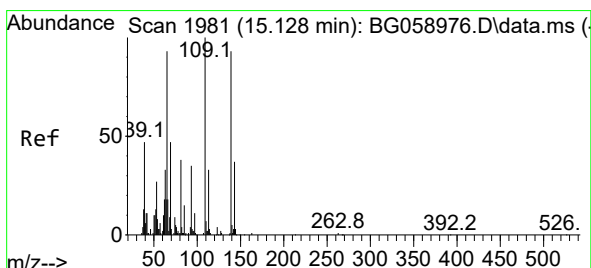
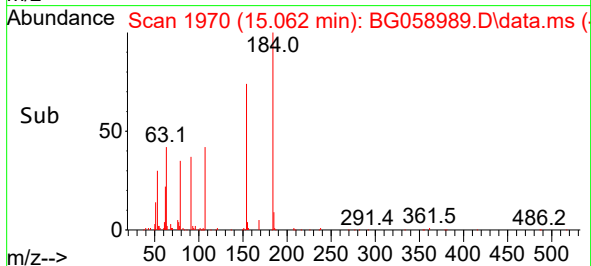
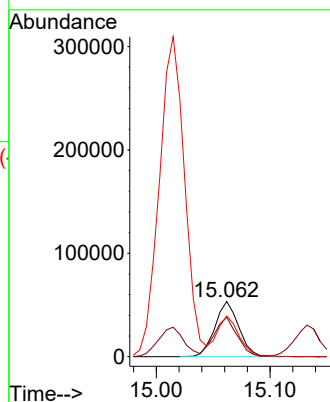
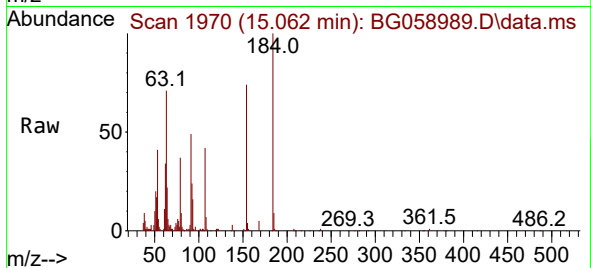




#53
2,4-Dinitrophenol
Concen: 26.016 ng/ul
RT: 15.062 min Scan# 1970
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

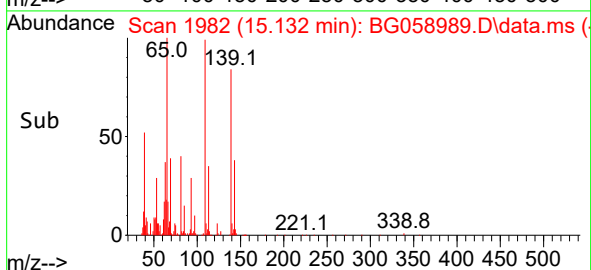
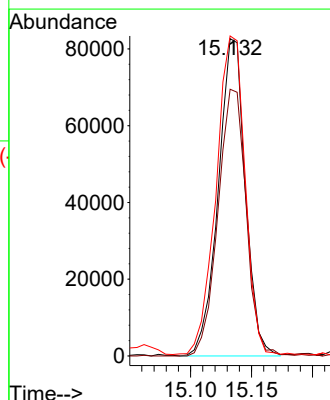
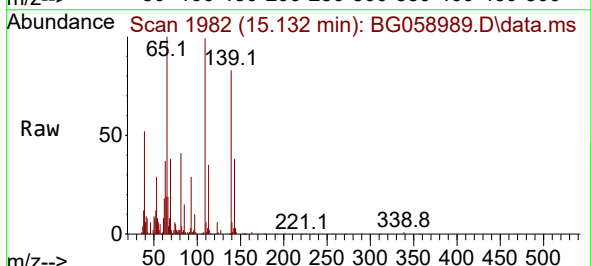
Instrument :
BNA_G
ClientSampleId :
SLCS374

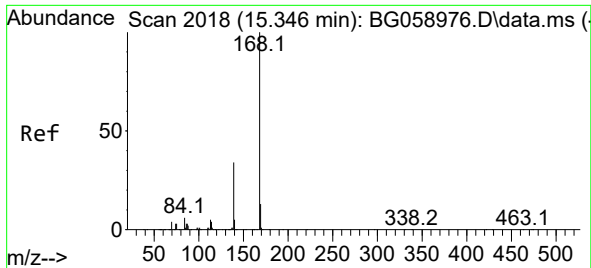
Tgt Ion:184 Resp: 77631
Ion Ratio Lower Upper
184 100
63 71.5 57.7 86.5
154 73.6 60.7 91.1



#55
4-Nitrophenol
Concen: 25.273 ng/ul
RT: 15.132 min Scan# 1982
Delta R.T. 0.005 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:109 Resp: 127493
Ion Ratio Lower Upper
109 100
139 84.1 74.3 111.5
65 100.9 93.4 140.0

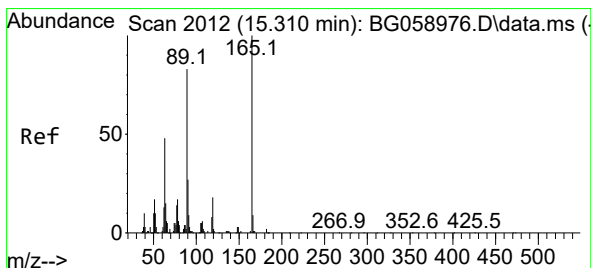
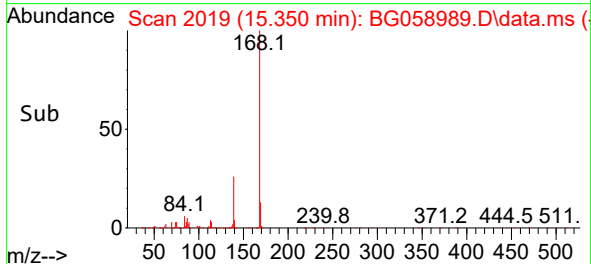
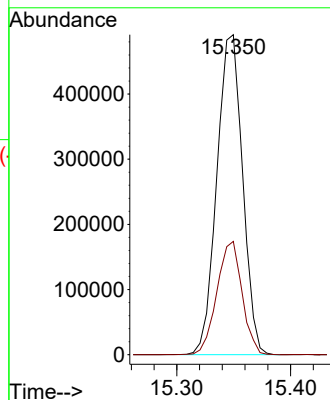
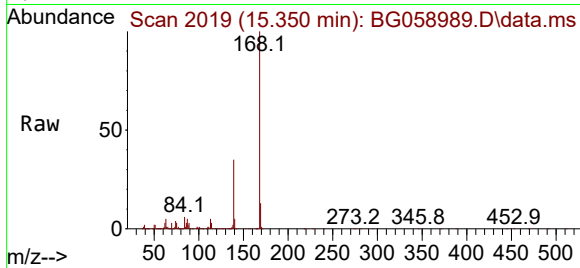




#56
Dibenzofuran
Concen: 25.429 ng/ul
RT: 15.350 min Scan# 2019
Delta R.T. 0.005 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

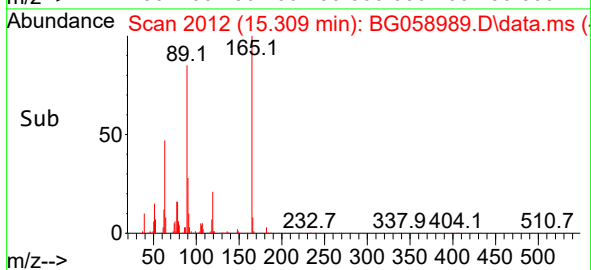
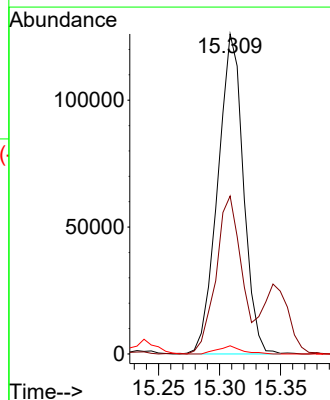
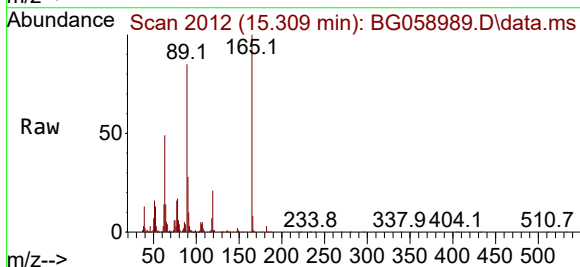
Instrument :
BNA_G
ClientSampleId :
SLCS374

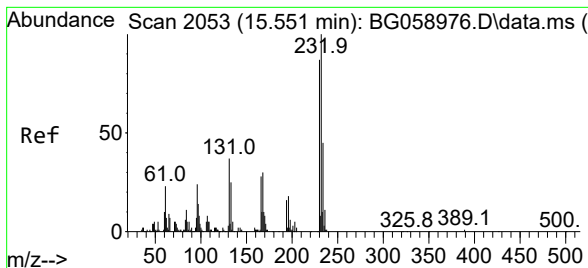
Tgt Ion:168 Resp: 772363
Ion Ratio Lower Upper
168 100
139 35.4 27.4 41.2



#57
2,4-Dinitrotoluene
Concen: 28.867 ng/ul
RT: 15.309 min Scan# 2012
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:165 Resp: 184406
Ion Ratio Lower Upper
165 100
63 49.4 33.3 49.9
182 2.6 1.4 2.0#

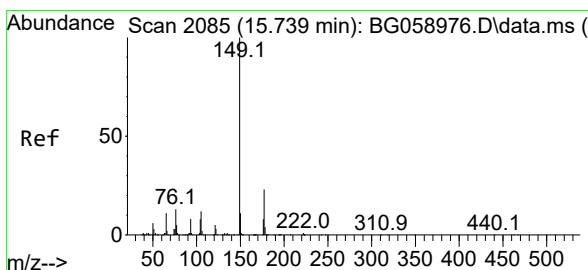
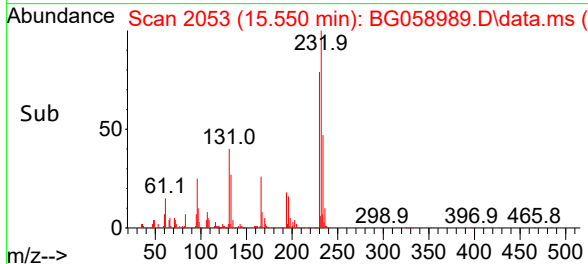
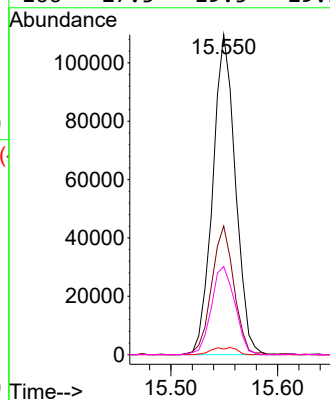
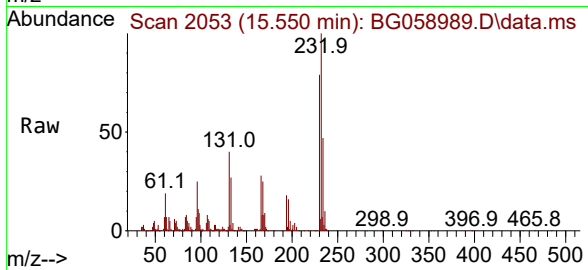




#58
2,3,4,6-Tetrachlorophenol
Concen: 22.775 ng/ul
RT: 15.550 min Scan# 2053
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

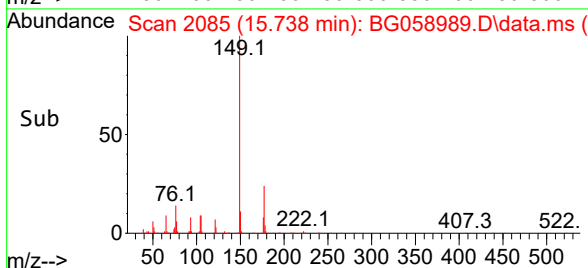
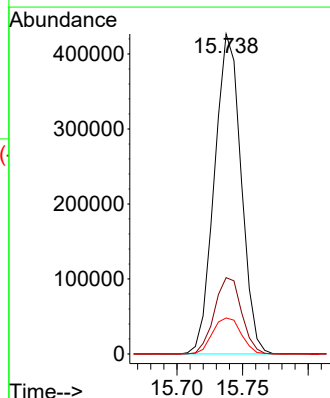
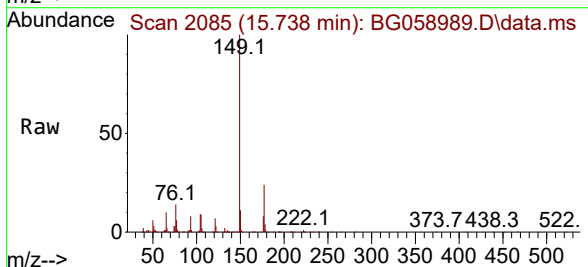
Instrument :
BNA_G
ClientSampleId :
SLCS374

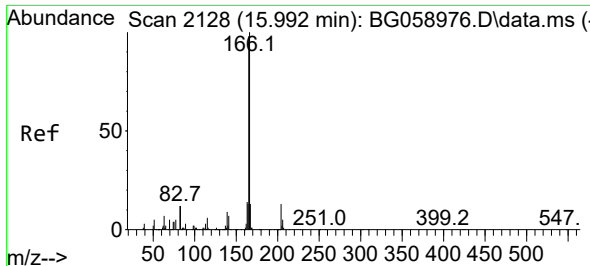
Tgt Ion:232 Resp: 161949
Ion Ratio Lower Upper
232 100
131 40.2 27.1 40.7
130 1.8 0.7 1.1#
166 27.5 19.5 29.3



#59
Diethylphthalate
Concen: 25.076 ng/ul
RT: 15.738 min Scan# 2085
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:149 Resp: 601676
Ion Ratio Lower Upper
149 100
177 23.9 16.9 25.3
150 11.2 9.7 14.5

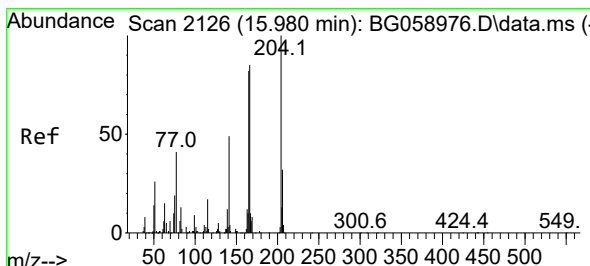
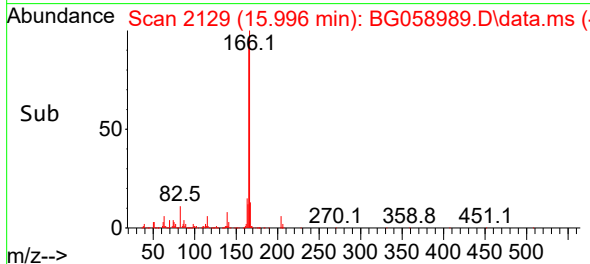
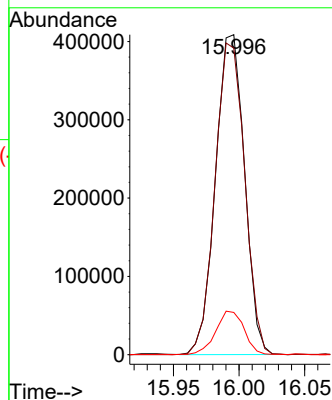
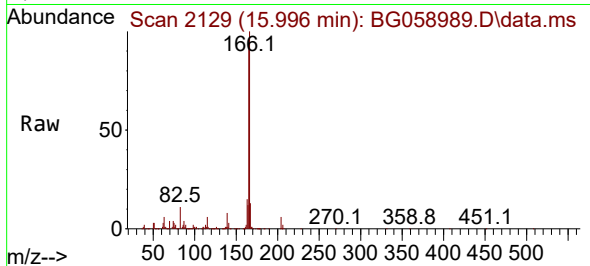




#61
Fluorene
Concen: 25.212 ng/ul
RT: 15.996 min Scan# 2128
Delta R.T. 0.005 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

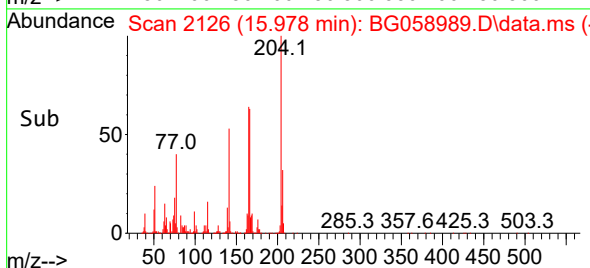
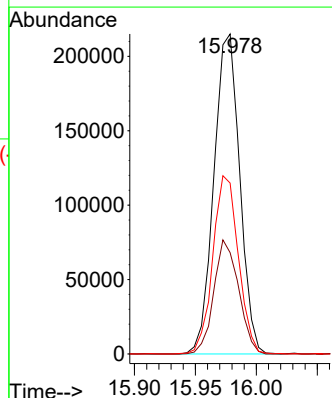
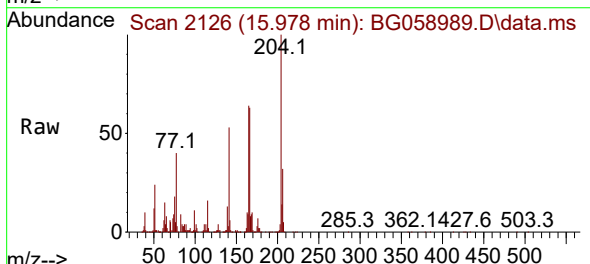
Instrument :
BNA_G
ClientSampleId :
SLCS374

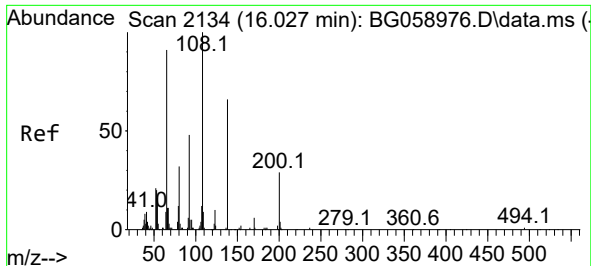
Tgt Ion:166 Resp: 629387
Ion Ratio Lower Upper
166 100
165 95.8 76.4 114.6
167 13.2 9.3 13.9



#62
4-Chlorophenyl-phenylether
Concen: 24.008 ng/ul
RT: 15.978 min Scan# 2126
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:204 Resp: 317131
Ion Ratio Lower Upper
204 100
206 31.7 27.7 41.5
141 53.4 43.2 64.8

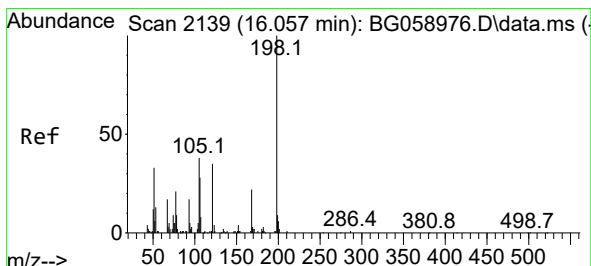
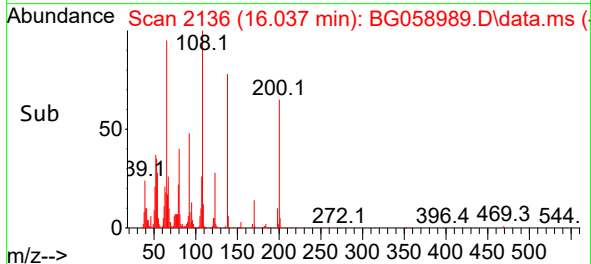
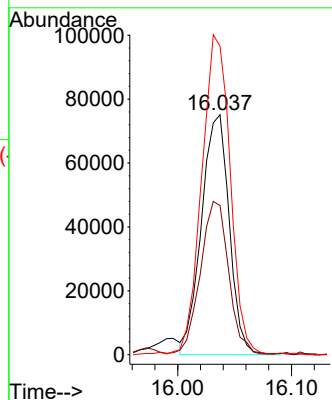
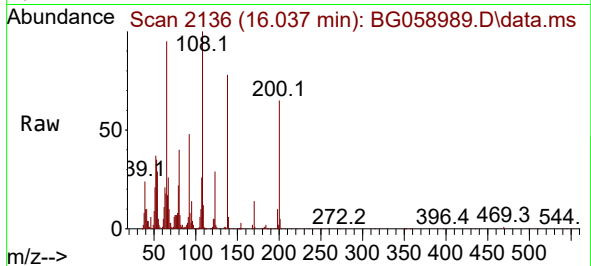




#63
4-Nitroaniline
Concen: 30.314 ng/ul
RT: 16.037 min Scan# 2134
Delta R.T. 0.005 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

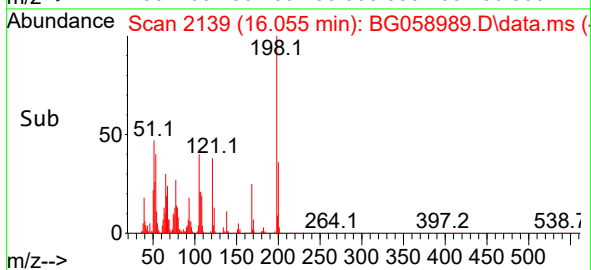
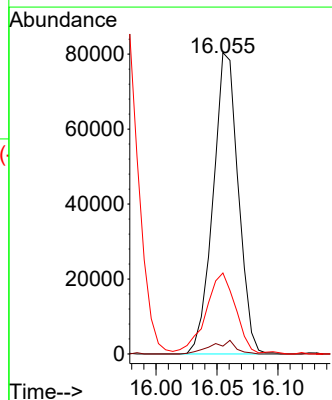
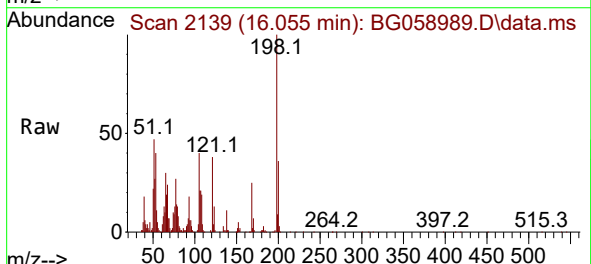
Instrument :
BNA_G
ClientSampleId :
SLCS374

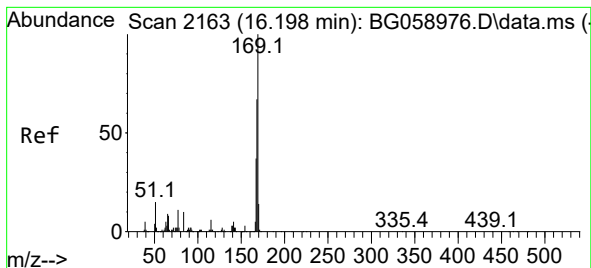
Tgt Ion:138 Resp: 127639
Ion Ratio Lower Upper
138 100
92 62.2 49.9 74.9
108 128.5 121.4 182.2



#66
4,6-Dinitro-2-methylphenol
Concen: 26.256 ng/ul
RT: 16.055 min Scan# 2139
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:198 Resp: 115471
Ion Ratio Lower Upper
198 100
182 2.6 3.0 4.6#
77 26.9 20.0 30.0





#67

N-Nitrosodiphenylamine

Concen: 24.433 ng/ul

RT: 16.196 min Scan# 2163

Delta R.T. 0.005 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

SLCS374

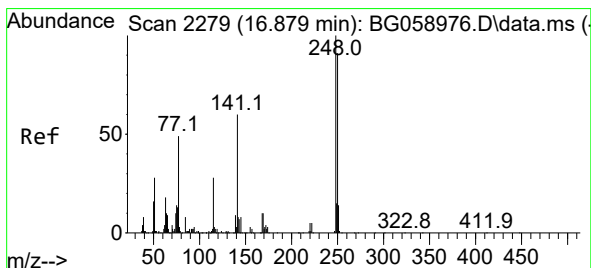
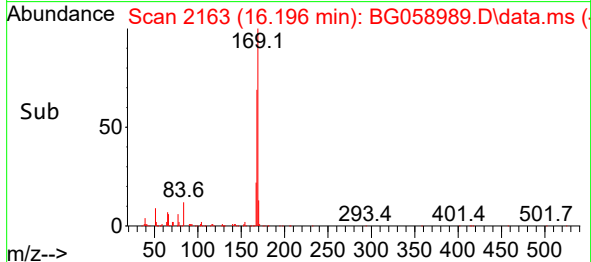
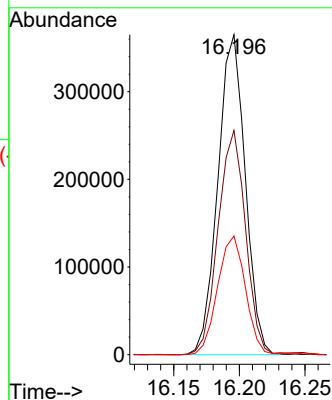
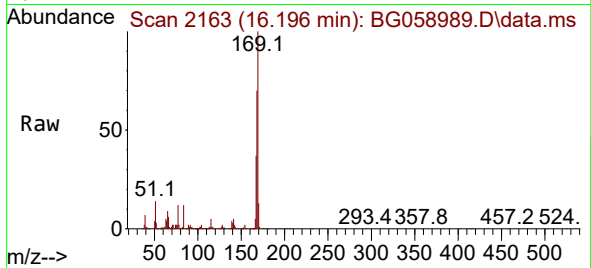
Tgt Ion:169 Resp: 528693

Ion Ratio Lower Upper

169 100

168 70.0 53.0 79.6

167 37.1 29.8 44.6



#68

4-Bromophenyl-phenylether

Concen: 23.861 ng/ul

RT: 16.877 min Scan# 2279

Delta R.T. 0.005 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

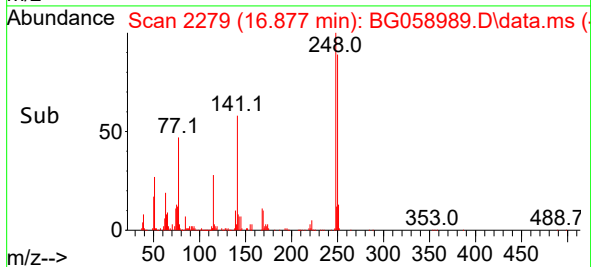
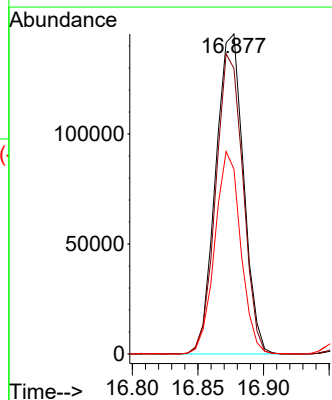
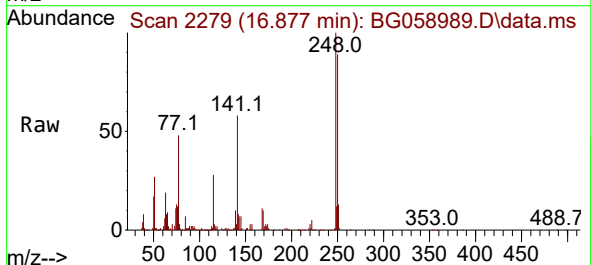
Tgt Ion:248 Resp: 214877

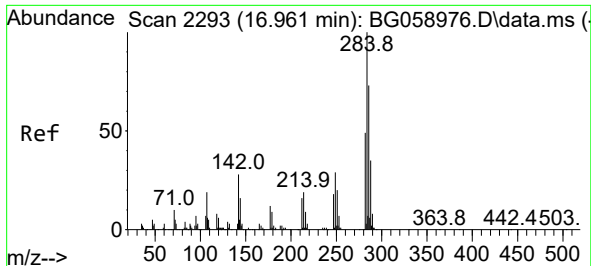
Ion Ratio Lower Upper

248 100

250 89.2 73.9 110.9

141 57.7 45.4 68.0

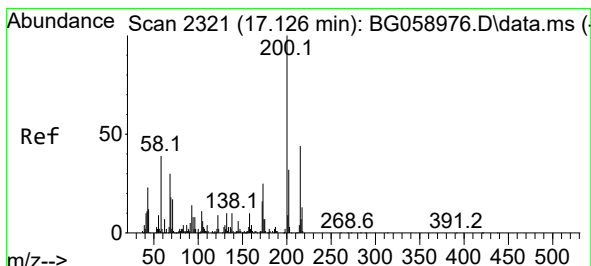
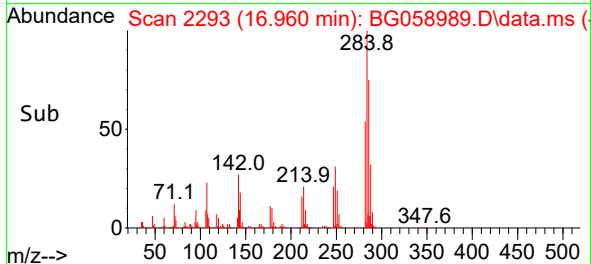
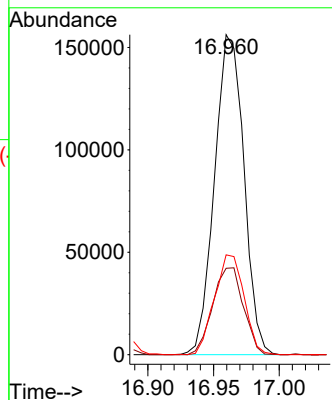
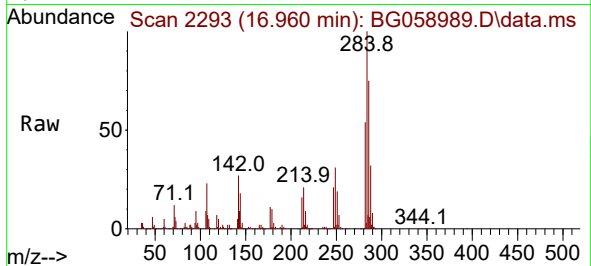




#69
Hexachlorobenzene
Concen: 23.515 ng/ul
RT: 16.960 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

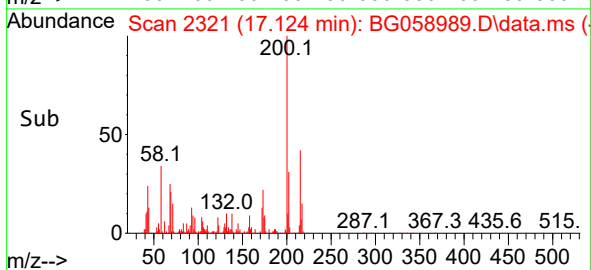
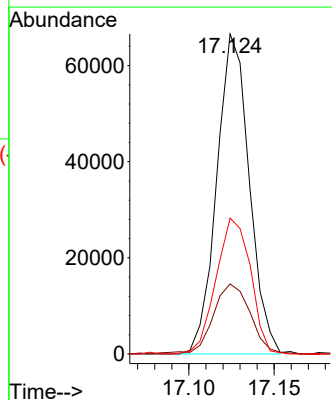
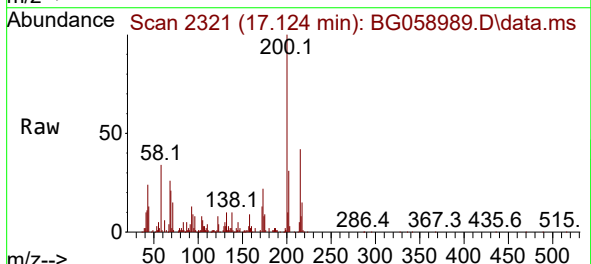
Instrument :
BNA_G
ClientSampleId :
SLCS374

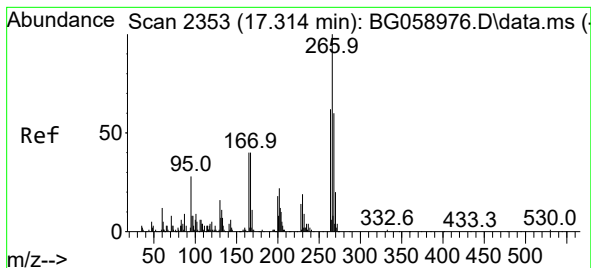
Tgt Ion:284 Resp: 243104
Ion Ratio Lower Upper
284 100
142 27.0 24.6 37.0
249 32.9 24.3 36.5



#70
Atrazine
Concen: 10.412 ng/ul
RT: 17.124 min Scan# 2321
Delta R.T. -0.007 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:200 Resp: 88172
Ion Ratio Lower Upper
200 100
173 21.9 17.4 26.2
215 42.5 35.4 53.0





#71

Pentachlorophenol

Concen: 21.045 ng/ul

RT: 17.312 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

SLCS374

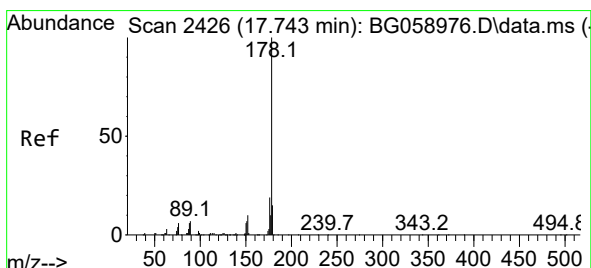
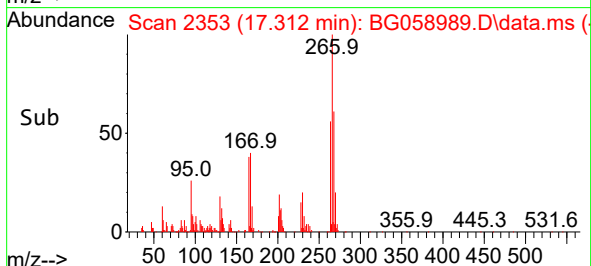
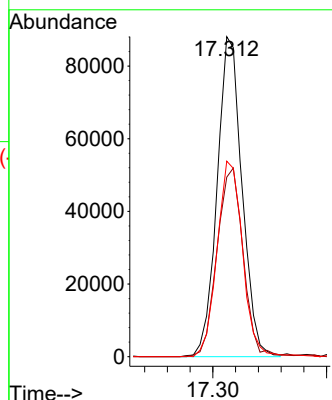
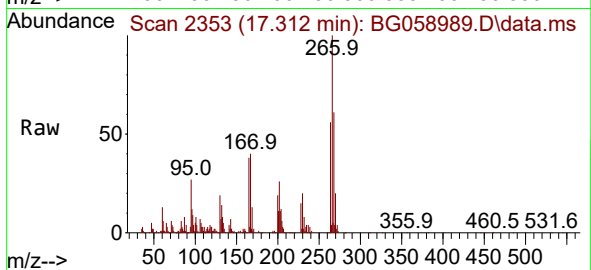
Tgt Ion:266 Resp: 134114

Ion Ratio Lower Upper

266 100

264 56.1 53.1 79.7

268 61.1 51.6 77.4



#72

Phenanthrene

Concen: 24.582 ng/ul

RT: 17.741 min Scan# 2426

Delta R.T. -0.001 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

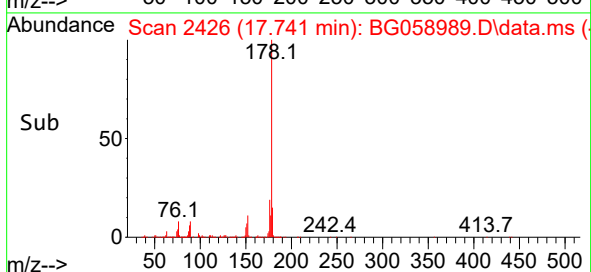
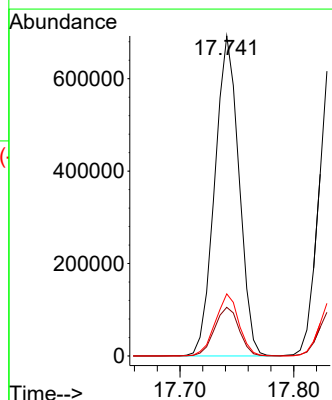
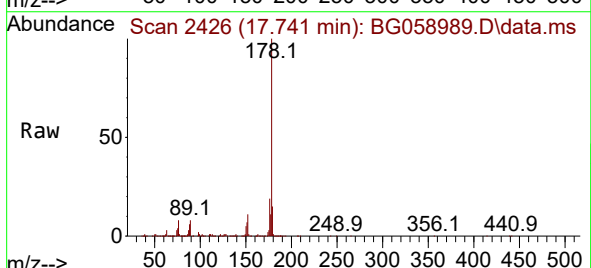
Tgt Ion:178 Resp: 1024171

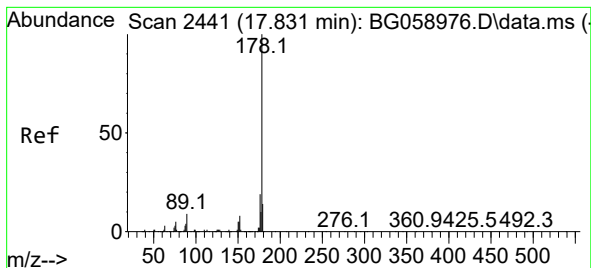
Ion Ratio Lower Upper

178 100

179 15.2 11.8 17.8

176 19.4 15.1 22.7





#74

Anthracene

Concen: 24.062 ng/uI

RT: 17.835 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

SLCS374

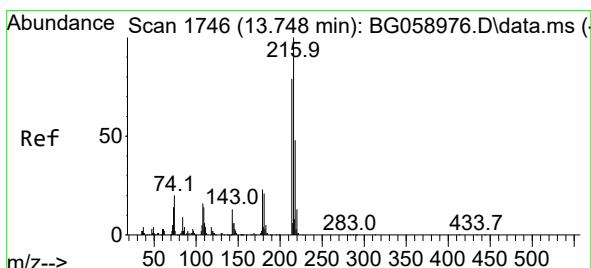
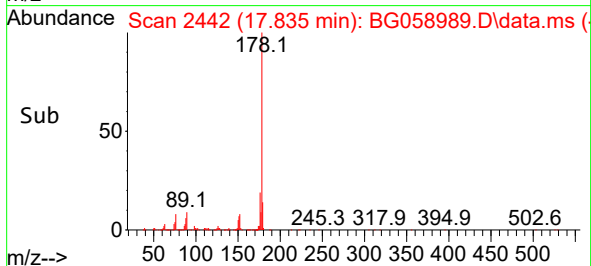
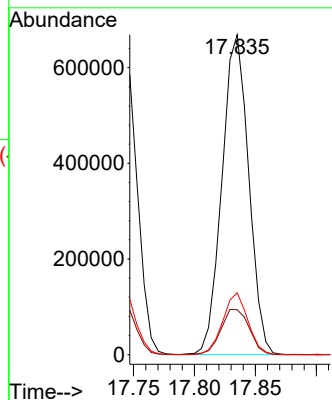
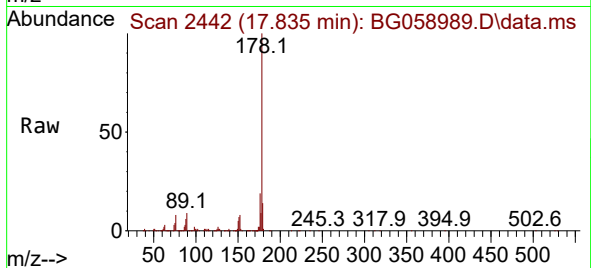
Tgt Ion:178 Resp: 1018932

Ion Ratio Lower Upper

178 100

179 14.0 12.2 18.4

176 19.4 14.4 21.6



#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.399 ng/uI

RT: 13.740 min Scan# 1745

Delta R.T. -0.007 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

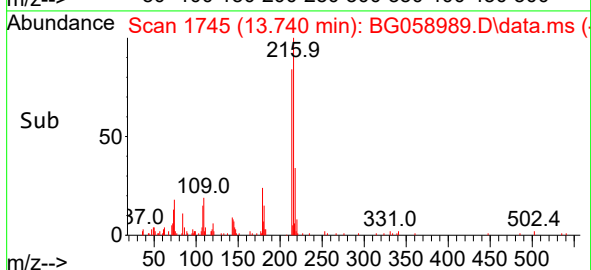
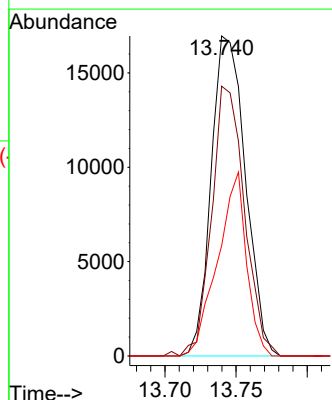
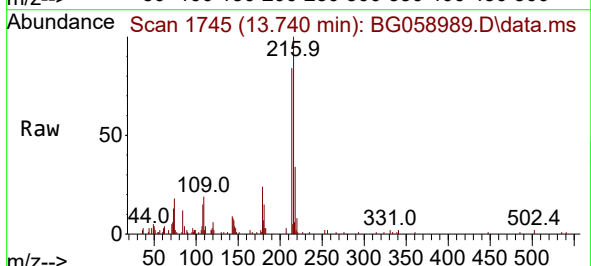
Tgt Ion:216 Resp: 28414

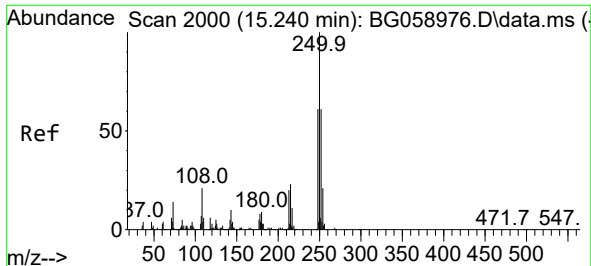
Ion Ratio Lower Upper

216 100

214 84.3 60.6 91.0

218 34.4 33.6 50.4

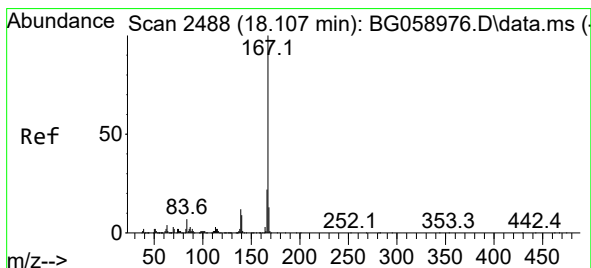
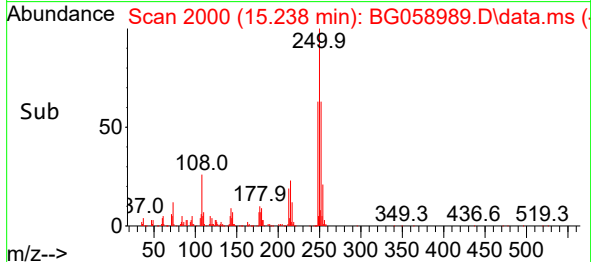
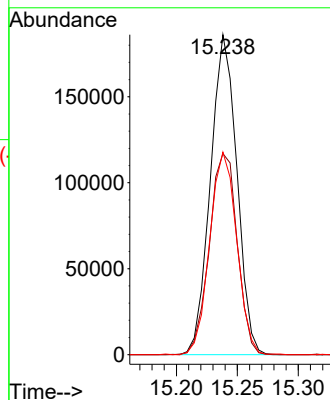
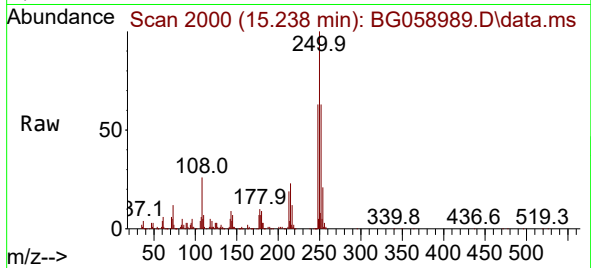




#76
 Pentachlorobenzene
 Concen: 24.527 ng/uL
 RT: 15.238 min Scan# 2000
 Delta R.T. -0.001 min
 Lab File: BG058989.D
 Acq: 11 Sep 2023 18:54

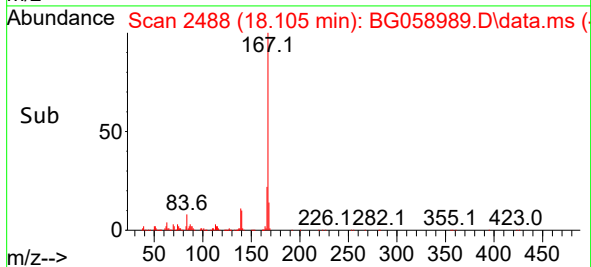
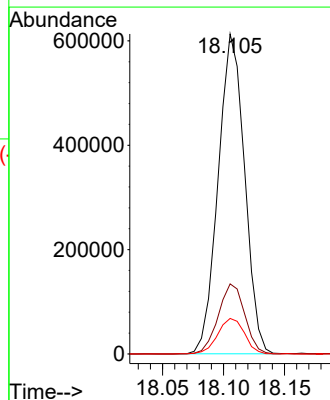
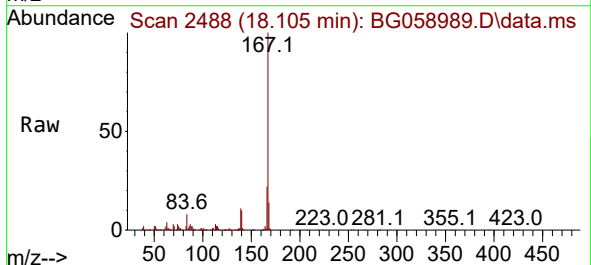
Instrument :
 BNA_G
 ClientSampleId :
 SLCS374

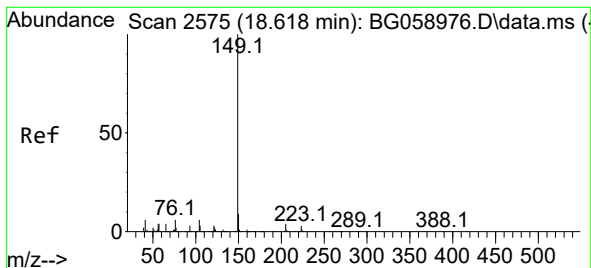
Tgt Ion:250 Resp: 280771
 Ion Ratio Lower Upper
 250 100
 248 62.8 50.3 75.5
 252 63.3 47.6 71.4



#77
 Carbazole
 Concen: 26.110 ng/uL
 RT: 18.105 min Scan# 2488
 Delta R.T. -0.001 min
 Lab File: BG058989.D
 Acq: 11 Sep 2023 18:54

Tgt Ion:167 Resp: 925868
 Ion Ratio Lower Upper
 167 100
 166 21.9 16.8 25.2
 139 11.1 9.4 14.2





#78

Di-n-butylphthalate

Concen: 26.086 ng/ul

RT: 18.616 min Scan# 2

Delta R.T. -0.007 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

SLCS374

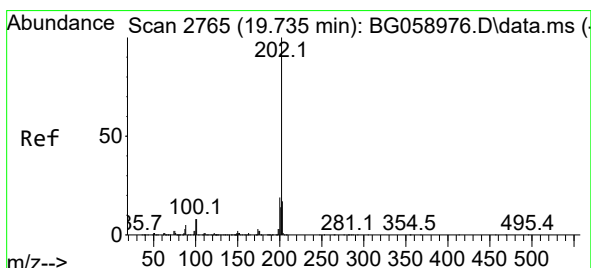
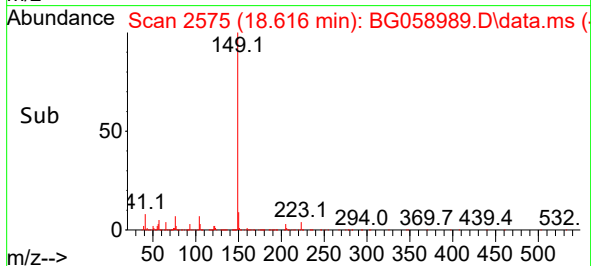
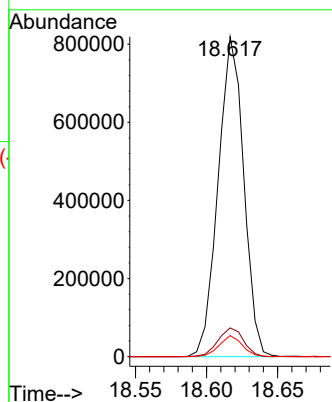
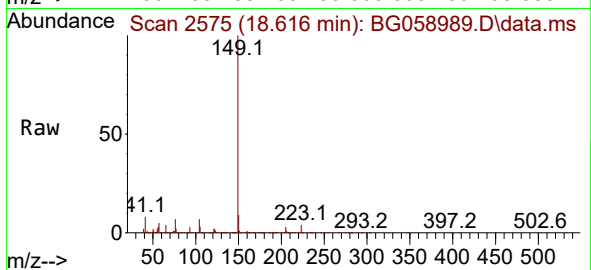
Tgt Ion:149 Resp: 1025439

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

104 6.6 4.6 6.8



#80

Fluoranthene

Concen: 26.557 ng/ul

RT: 19.733 min Scan# 2765

Delta R.T. -0.001 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

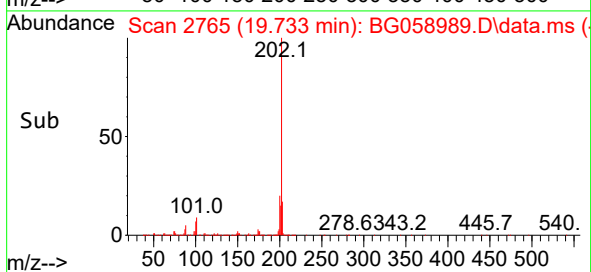
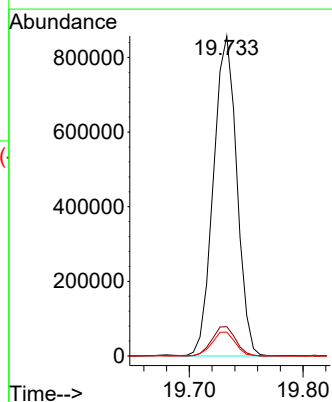
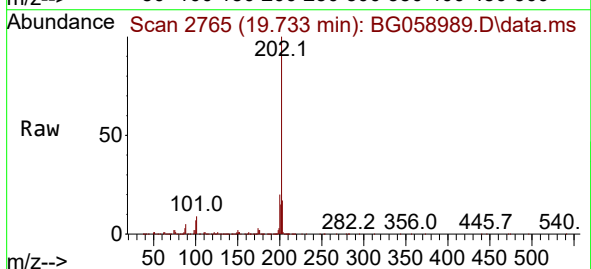
Tgt Ion:202 Resp: 1221960

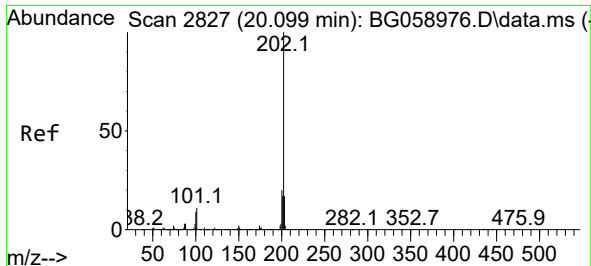
Ion Ratio Lower Upper

202 100

101 9.2 6.1 9.1#

100 7.5 5.9 8.9

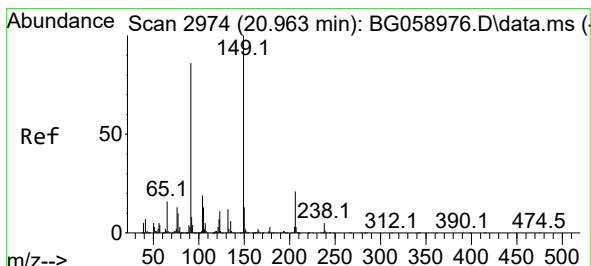
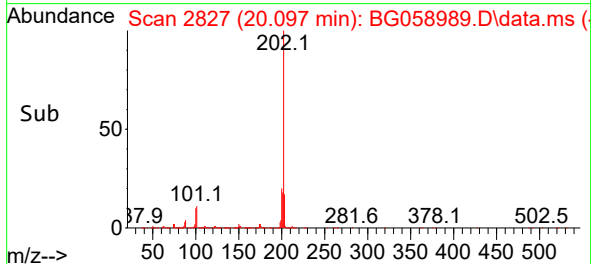
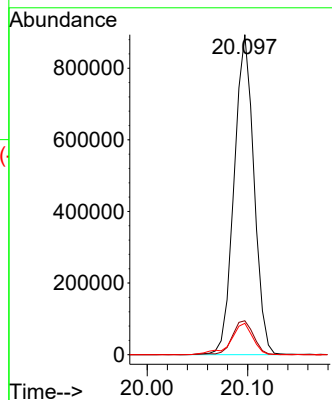
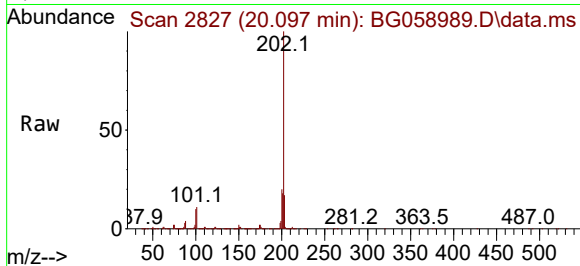




#82
 Pyrene
 Concen: 25.685 ng/ul
 RT: 20.097 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG058989.D
 Acq: 11 Sep 2023 18:54

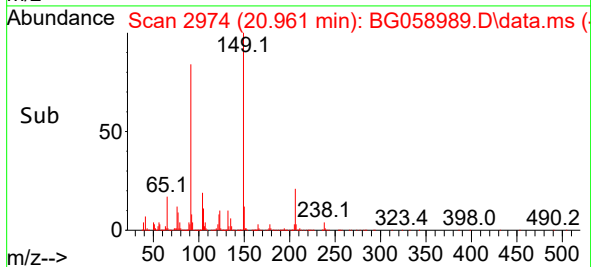
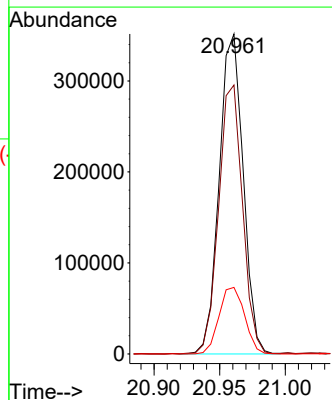
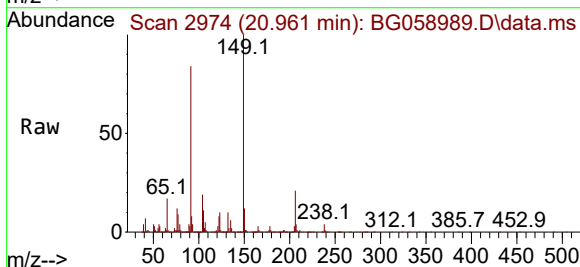
Instrument :
 BNA_G
 ClientSampleId :
 SLCS374

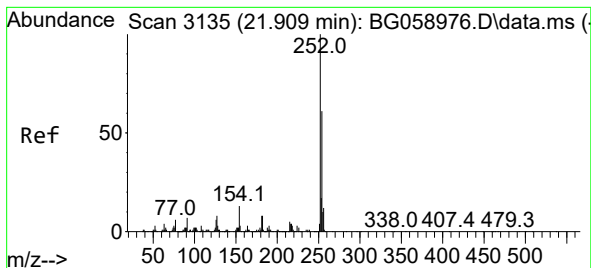
Tgt Ion:202 Resp: 1228617
 Ion Ratio Lower Upper
 202 100
 101 10.6 7.5 11.3
 100 9.8 6.3 9.5#



#83
 Butylbenzylphthalate
 Concen: 29.523 ng/ul
 RT: 20.961 min Scan# 2974
 Delta R.T. -0.001 min
 Lab File: BG058989.D
 Acq: 11 Sep 2023 18:54

Tgt Ion:149 Resp: 446263
 Ion Ratio Lower Upper
 149 100
 91 84.0 68.7 103.1
 206 20.8 17.3 25.9





#84

3,3'-Dichlorobenzidine

Concen: 27.255 ng/ul

RT: 21.913 min Scan# 3136

Delta R.T. -0.001 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

SLCS374

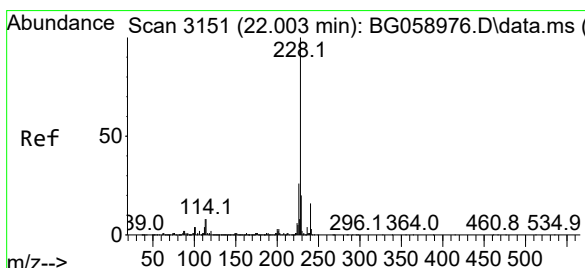
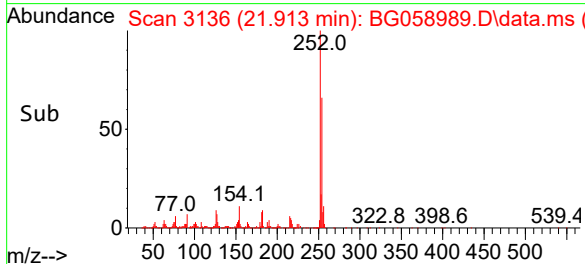
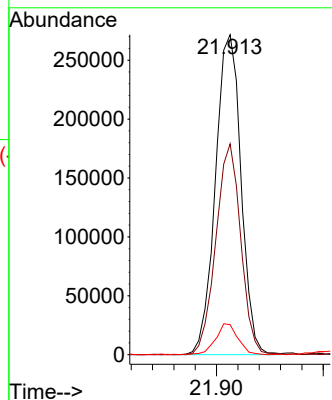
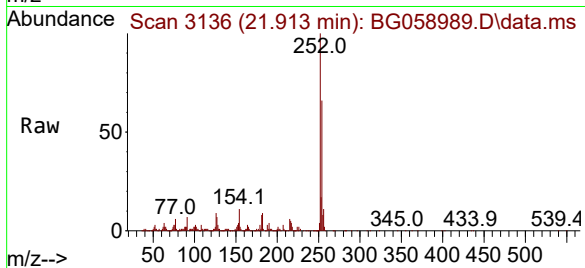
Tgt Ion:252 Resp: 452301

Ion Ratio Lower Upper

252 100

254 65.9 57.6 86.4

126 9.4 7.8 11.8



#85

Benzo(a)anthracene

Concen: 25.109 ng/ul

RT: 22.001 min Scan# 3151

Delta R.T. -0.001 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

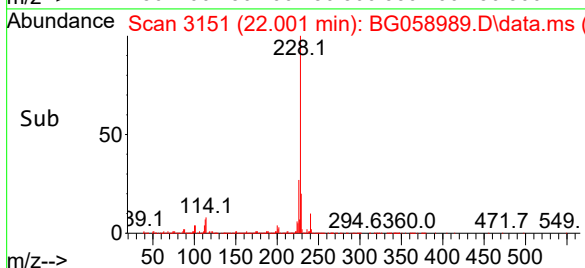
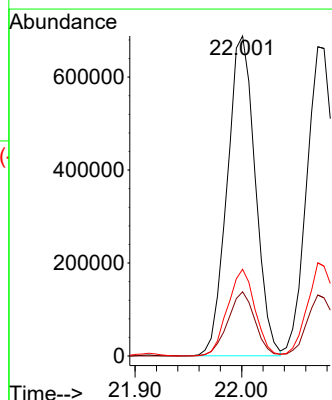
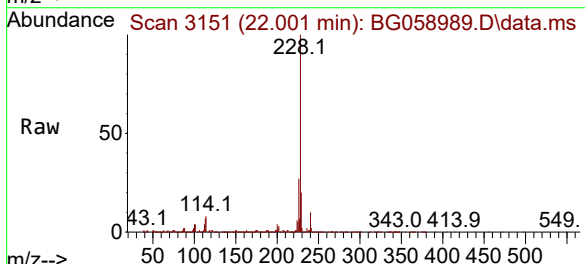
Tgt Ion:228 Resp: 1259510

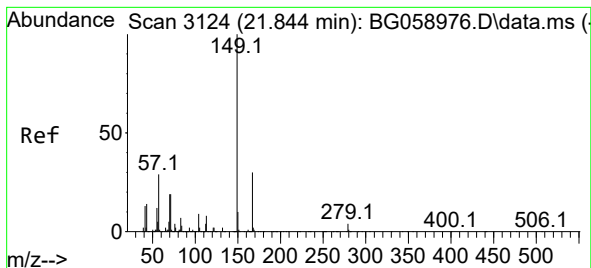
Ion Ratio Lower Upper

228 100

229 20.0 16.0 24.0

226 27.1 20.8 31.2

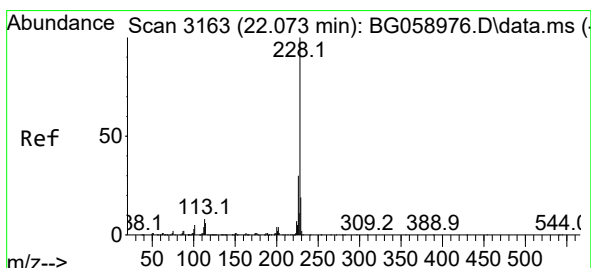
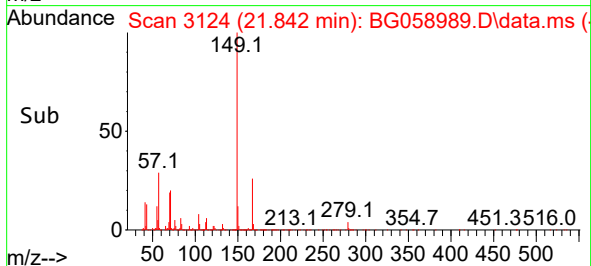
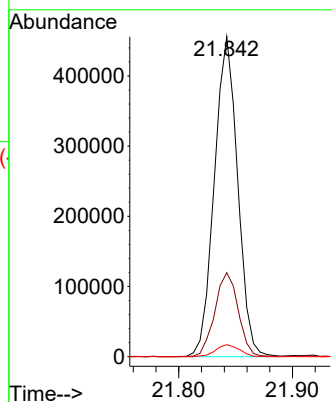
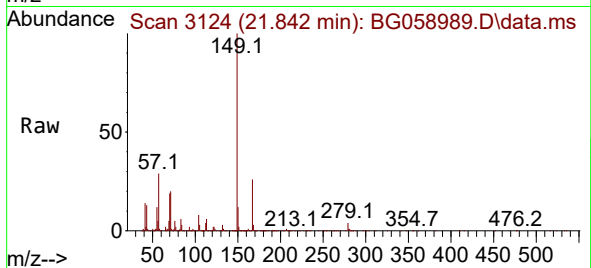




#86
Bis(2-ethylhexyl)phthalate
Concen: 28.691 ng/ul
RT: 21.842 min Scan# 3124
Delta R.T. -0.007 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

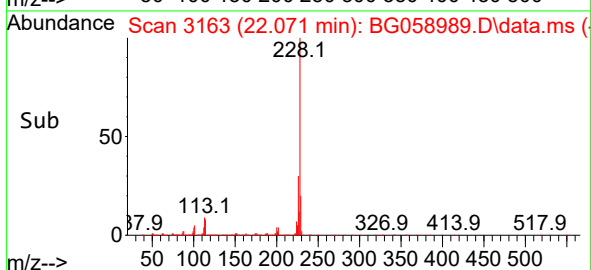
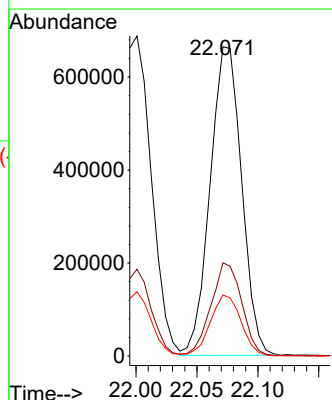
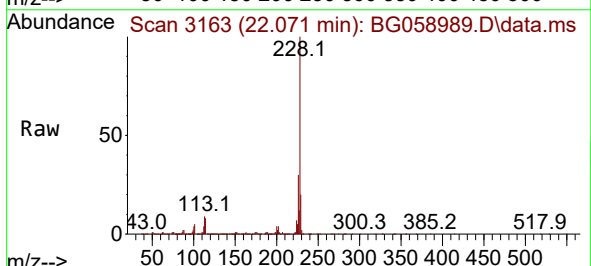
Instrument :
BNA_G
ClientSampleId :
SLCS374

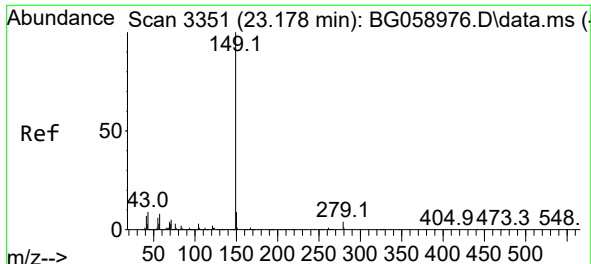
Tgt Ion:149 Resp: 649510
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.6
279 3.8 3.8 5.8#



#87
Chrysene
Concen: 25.600 ng/ul
RT: 22.071 min Scan# 3163
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:228 Resp: 1193756
Ion Ratio Lower Upper
228 100
226 30.1 23.2 34.8
229 19.7 15.3 22.9

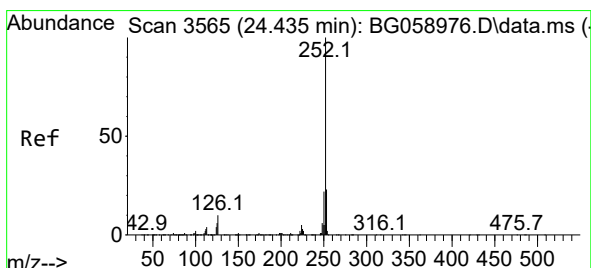
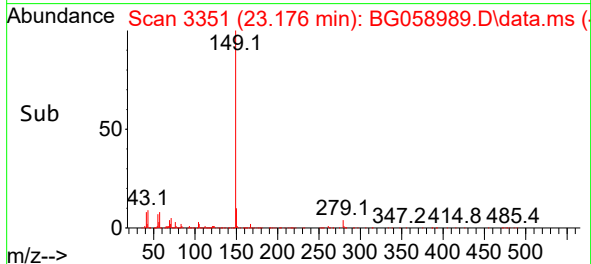
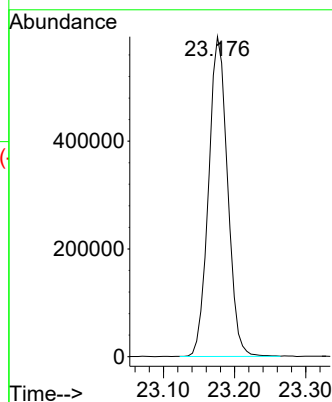
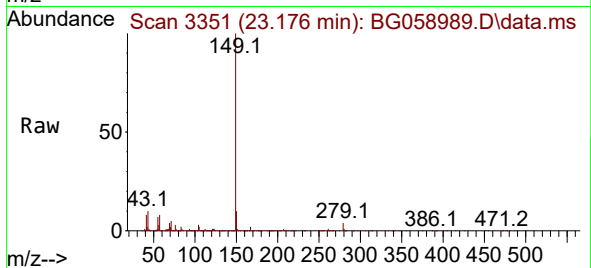




#89
Di-n-octyl phthalate
Concen: 28.349 ng/ul
RT: 23.176 min Scan# 3351
Delta R.T. -0.013 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

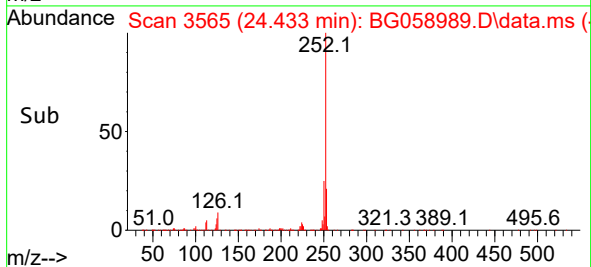
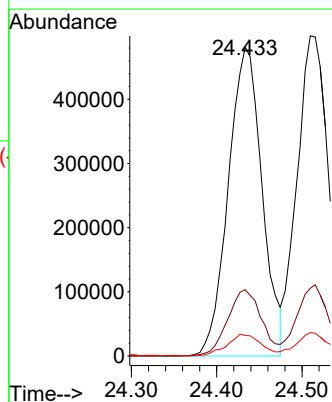
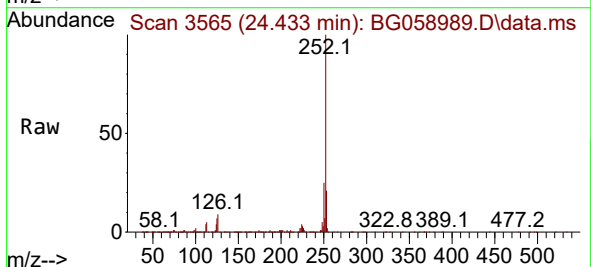
Instrument :
BNA_G
ClientSampleId :
SLCS374

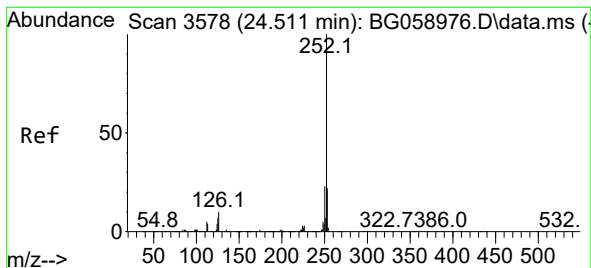
Tgt Ion:149 Resp: 1104105



#90
Benzo(b)fluoranthene
Concen: 26.267 ng/ul
RT: 24.433 min Scan# 3565
Delta R.T. -0.001 min
Lab File: BG058989.D
Acq: 11 Sep 2023 18:54

Tgt Ion:252 Resp: 1324769
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 6.6 6.2 9.2





#91

Benzo(k)fluoranthene

Concen: 24.703 ng/ul

RT: 24.510 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

SLCS374

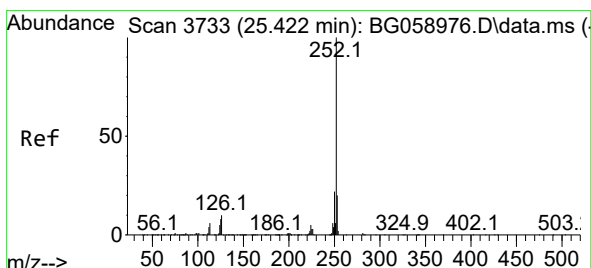
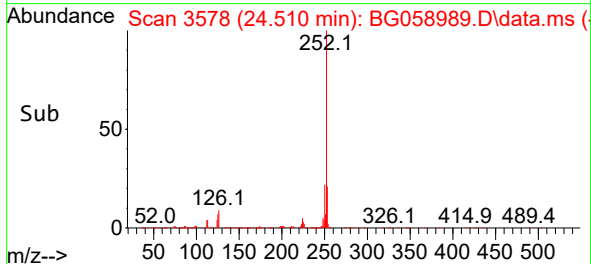
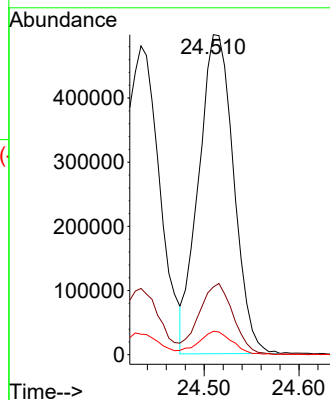
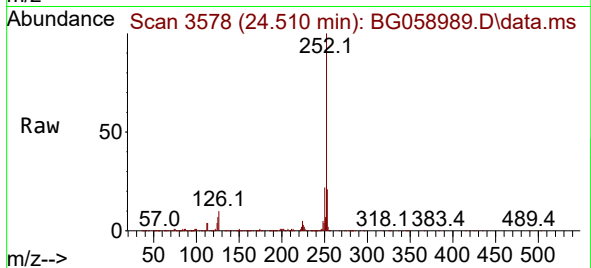
Tgt Ion:252 Resp: 1273208

Ion Ratio Lower Upper

252 100

253 21.2 19.1 28.7

125 7.3 5.0 7.4



#93

Benzo(a)pyrene

Concen: 24.710 ng/ul

RT: 25.414 min Scan# 3732

Delta R.T. -0.013 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

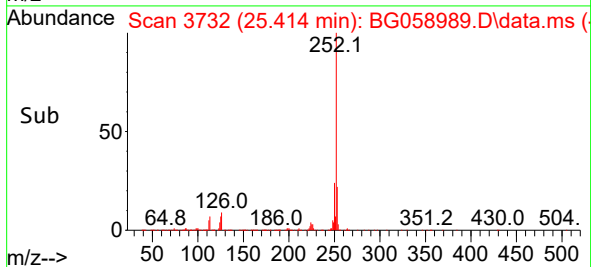
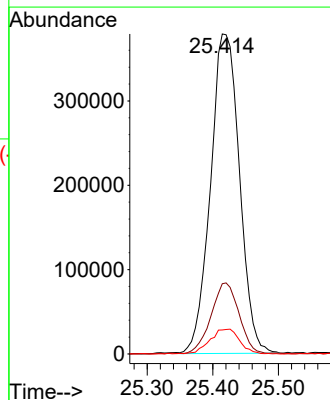
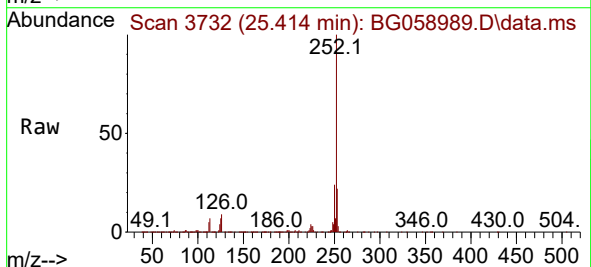
Tgt Ion:252 Resp: 1162729

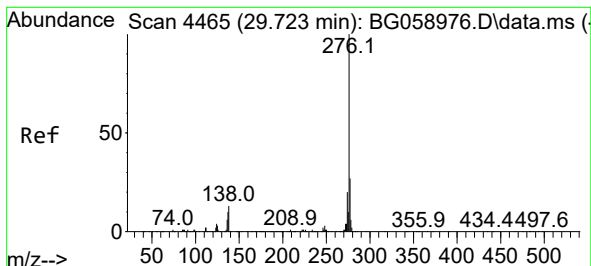
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 7.5 5.3 7.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 21.863 ng/ul

RT: 29.715 min Scan# 4464

Delta R.T. -0.001 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

SLCS374

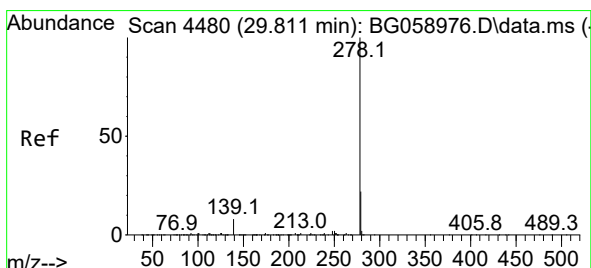
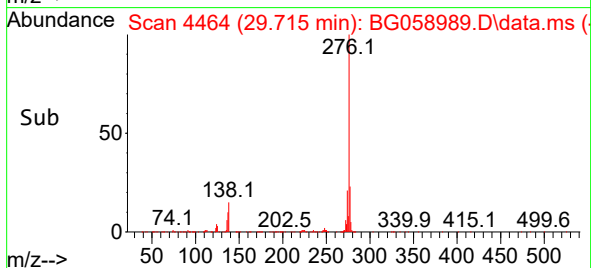
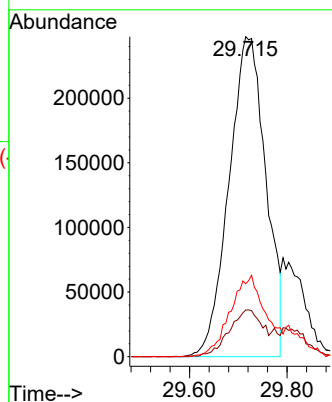
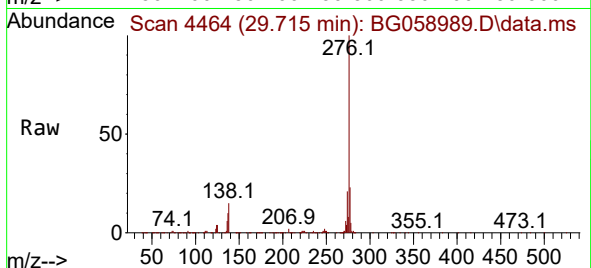
Tgt Ion:276 Resp: 1299896

Ion Ratio Lower Upper

276 100

138 14.6 11.8 17.8

277 22.8 20.7 31.1



#95

Dibenzo(a,h)anthracene

Concen: 25.642 ng/ul

RT: 29.803 min Scan# 4479

Delta R.T. -0.007 min

Lab File: BG058989.D

Acq: 11 Sep 2023 18:54

Tgt Ion:278 Resp: 1263313

Ion Ratio Lower Upper

278 100

139 10.7 9.8 14.8

279 24.3 18.5 27.7

