

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012624\
 Data File : BG060428.D
 Acq On : 25 Jan 2024 18:15
 Operator : MA/JU
 Sample : SSTD00573
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005448

Quant Time: Jan 26 05:39:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 05:39:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	160271	20.000	ng/u1	0.00
20) Naphthalene-d8	10.726	136	699494	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	516250	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.306	188	1322215	20.000	ng/u1	0.00
79) Chrysene-d12	21.572	240	1261006	20.000	ng/u1	0.00
88) Perylene-d12	24.733	264	1402033	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	6328	1.978	ng/uL	0.00
4) Pyridine-d5	3.775	84	39380	3.892	ng/u1	0.00
7) Phenol-d5	7.089	99	60603	3.981	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.254	67	40570	4.241	ng/u1	0.00
11) 2-Chlorophenol-d4	7.459	132	42575	4.189	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	51257	4.088	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	22073	4.277	ng/u1	0.00
24) 2-Nitrophenol-d4	9.809	143	25063	4.157	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.350	165	54393	4.338	ng/u1	0.00
31) 4-Chloroaniline-d4	10.867	131	69039	4.198	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	207703	4.917	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	228994	4.833	ng/u1	0.00
54) 4-Nitrophenol-d4	14.768	143	17630	2.914	ng/u1	0.00
60) Fluorene-d10	15.550	176	180221	4.869	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.673	200	24346	2.974	ng/u1	0.00
73) Anthracene-d10	17.406	188	304905	4.865	ng/u1	0.00
81) Pyrene-d10	19.698	212	373231	4.938	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.510	264	336666	4.578	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	7119	2.068	ng/uL#	78
5) Pyridine	3.799	79	40743	3.961	ng/u1#	94
6) Benzaldehyde	7.066	77	32694	5.651	ng/u1	95
8) Phenol	7.113	94	62131	3.905	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.342	93	54284	4.283	ng/u1	97
12) 2-Chlorophenol	7.489	128	45202	4.311	ng/u1	99
13) 2-Methylphenol	8.370	108	47016	3.824	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.440	45	39872	2.384	ng/u1	98
16) Acetophenone	8.746	105	88113	4.410	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.722	70	46999	4.362	ng/u1	97
18) 4-Methylphenol	8.699	108	50305	3.805	ng/u1	91
19) Hexachloroethane	9.004	117	21631	4.666	ng/u1	99
22) Nitrobenzene	9.128	77	62577	4.433	ng/u1	93
23) Isophorone	9.645	82	144766	4.731	ng/u1	99
25) 2-Nitrophenol	9.839	139	24618	4.017	ng/u1	99
26) 2,4-Dimethylphenol	9.898	107	57377	4.537	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.133	93	77041	4.422	ng/u1	98
29) 2,4-Dichlorophenol	10.373	162	50086	4.156	ng/u1	96
30) Naphthalene	10.779	128	181464	4.808	ng/u1	97
32) 4-Chloroaniline	10.890	127	68673	4.256	ng/u1	89
33) Hexachlorobutadiene	11.061	225	46977	4.694	ng/u1	93
34) Caprolactam	11.637	113	16382	4.097	ng/u1	86
35) 4-Chloro-3-methylphenol	12.013	107	49920	4.132	ng/u1	99
36) 2-Methylnaphthalene	12.383	142	121483	4.579	ng/u1	95

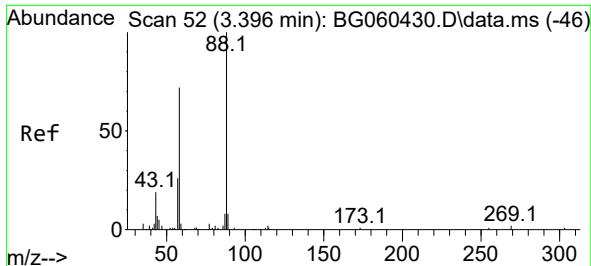
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012624\
 Data File : BG060428.D
 Acq On : 25 Jan 2024 18:15
 Operator : MA/JU
 Sample : SST00573
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005448

Quant Time: Jan 26 05:39:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 05:39:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.606	142	127435	4.752	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.753	216	89031	4.738	ng/ul	95
40) Hexachlorocyclopentadiene	12.730	237	36581	3.220	ng/ul	98
41) 2,4,6-Trichlorophenol	13.000	196	49187	4.295	ng/ul	86
42) 2,4,5-Trichlorophenol	13.064	196	49770	4.112	ng/ul	88
43) 1,1'-Biphenyl	13.393	154	179181	4.685	ng/ul	99
44) 2-Chloronaphthalene	13.435	162	152558	4.725	ng/ul	96
47) Dimethylphthalate	14.010	163	207839	4.929	ng/ul	99
48) 2,6-Dinitrotoluene	14.134	165	34476	4.335	ng/ul	96
50) Acenaphthylene	14.281	152	256054	4.898	ng/ul	97
51) 3-Nitroaniline	14.469	138	29237	4.374	ng/ul	95
52) Acenaphthene	14.627	153	164060	4.705	ng/ul	97
53) 2,4-Dinitrophenol	14.674	184	6967	1.605	ng/ul#	70
55) 4-Nitrophenol	14.780	109	9434	2.290	ng/ul	91
56) Dibenzofuran	14.962	168	239191	4.859	ng/ul	96
57) 2,4-Dinitrotoluene	14.921	165	46710	4.008	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.185	232	48302	4.294	ng/ul#	99
59) Diethylphthalate	15.373	149	201783	4.977	ng/ul	98
61) Fluorene	15.608	166	201143	4.980	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.597	204	107473	4.821	ng/ul	96
63) 4-Nitroaniline	15.632	138	20922	3.195	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.685	198	27921	3.260	ng/ul#	93
67) N-Nitrosodiphenylamine	15.814	169	171198	4.774	ng/ul	92
68) 4-Bromophenyl-phenylether	16.496	248	71254	4.639	ng/ul	98
69) Hexachlorobenzene	16.613	284	82969	4.656	ng/ul	98
70) Atrazine	16.760	200	68499	4.646	ng/ul	97
71) Pentachlorophenol	16.960	266	30614	3.120	ng/ul#	89
72) Phenanthrene	17.348	178	345945	4.976	ng/ul	99
74) Anthracene	17.442	178	353176	4.986	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.358	216	86997	4.496	ng/uL	96
76) Pentachlorobenzene	14.880	250	92592	4.597	ng/uL	96
77) Carbazole	17.712	167	292159	4.994	ng/ul	98
78) Di-n-butylphthalate	18.270	149	348227	5.049	ng/ul	99
80) Fluoranthene	19.363	202	427934	5.074	ng/ul	99
82) Pyrene	19.727	202	454685	5.180	ng/ul	98
83) Butylbenzylphthalate	20.614	149	142884	4.567	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.472	252	140412	4.790	ng/ul	97
85) Benzo(a)anthracene	21.549	228	429627	4.941	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.455	149	228586	4.895	ng/ul	99
87) Chrysene	21.613	228	407178	4.985	ng/ul	98
89) Di-n-octyl phthalate	22.636	149	372880	4.984	ng/ul	100
90) Benzo(b)fluoranthene	23.717	252	408991	4.701	ng/ul	96
91) Benzo(k)fluoranthene	23.787	252	424168	4.776	ng/ul	97
93) Benzo(a)pyrene	24.580	252	391761	4.681	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.317	276	470183	4.583	ng/ul	99
95) Dibenzo(a,h)anthracene	28.376	278	392706	4.691	ng/ul#	97
96) Benzo(g,h,i)perylene	29.445	276	388149	4.672	ng/ul	98

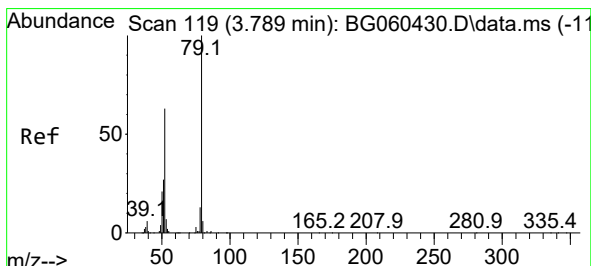
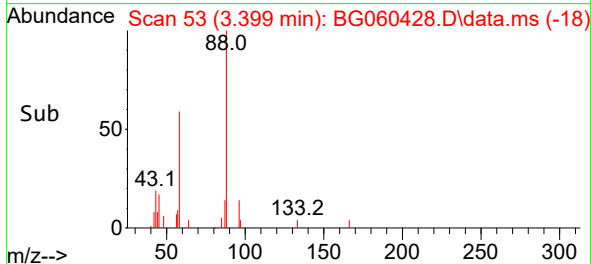
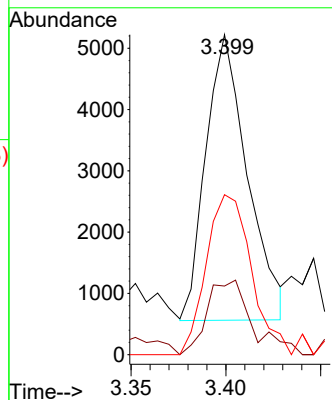
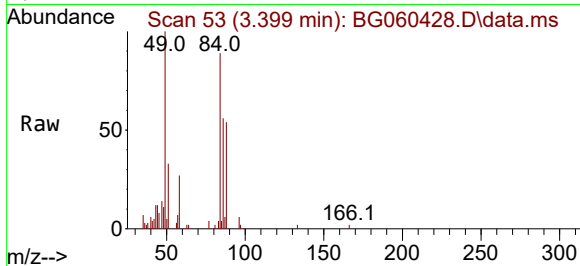
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 2.068 ng/uL
RT: 3.399 min Scan# 51
Delta R.T. 0.004 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

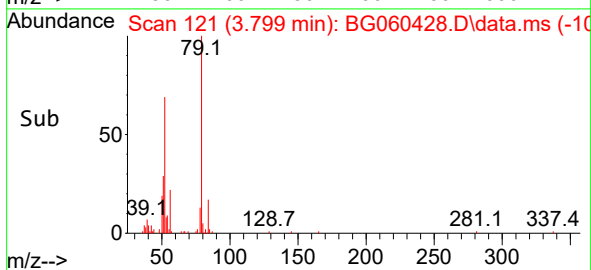
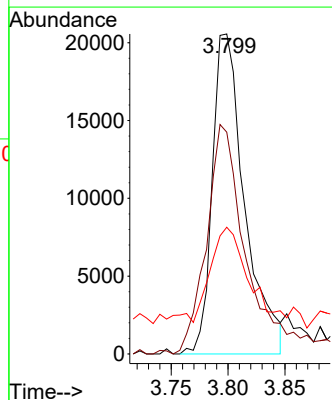
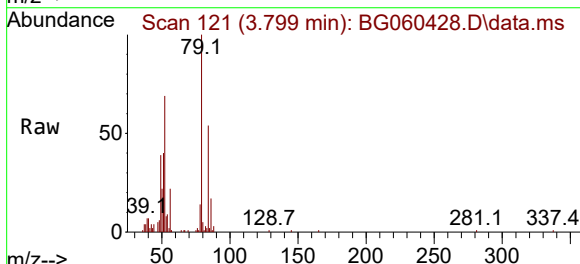
Instrument :
BNA_G
ClientSampleId :
SSTD005448

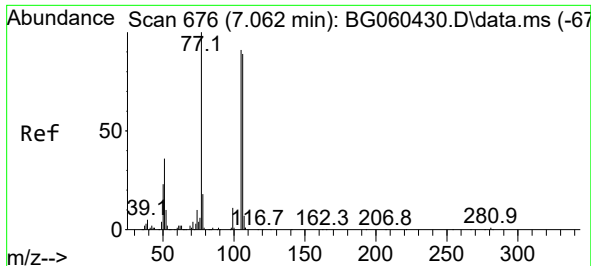
Tgt Ion: 88 Resp: 7119
Ion Ratio Lower Upper
88 100
43 21.4 15.4 23.0
58 50.0 57.8 86.8#



#5
Pyridine
Concen: 3.961 ng/uL
RT: 3.799 min Scan# 121
Delta R.T. 0.009 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

Tgt Ion: 79 Resp: 40743
Ion Ratio Lower Upper
79 100
52 69.3 55.8 83.6
51 39.6 23.1 34.7#

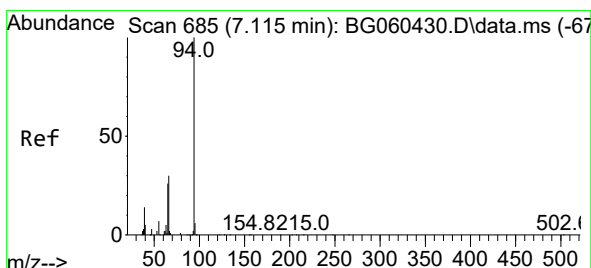
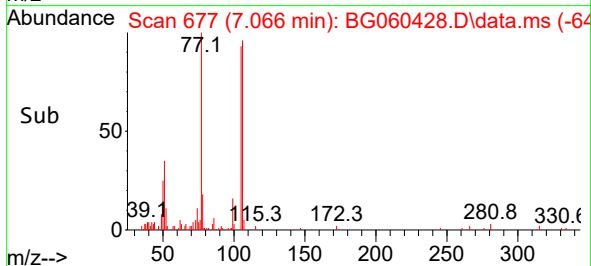
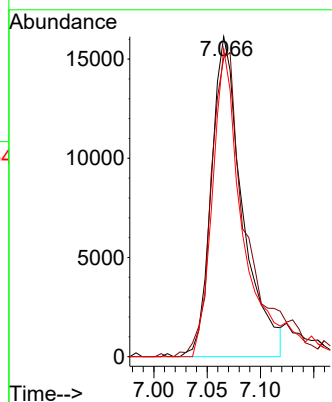
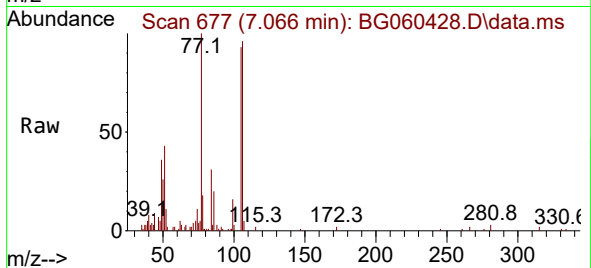




#6
Benzaldehyde
Concen: 5.651 ng/ul
RT: 7.066 min Scan# 611
Delta R.T. 0.004 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

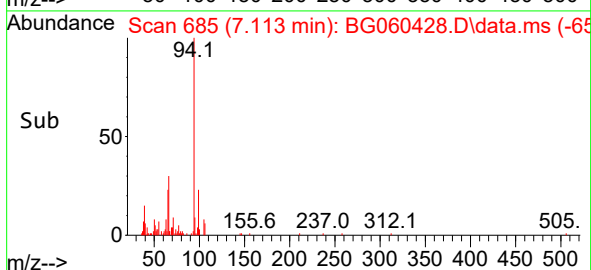
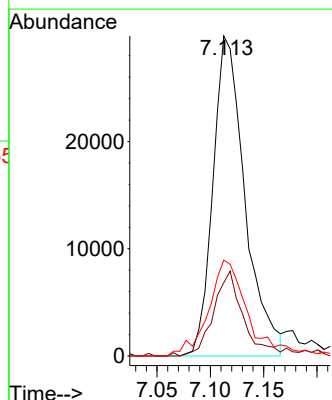
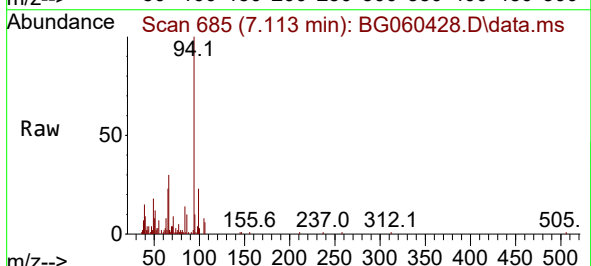
Instrument :
BNA_G
ClientSampleId :
SSTD005448

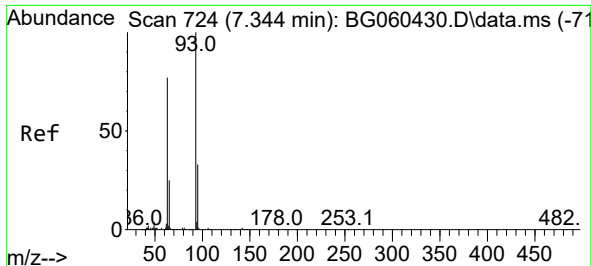
Tgt Ion: 77 Resp: 32694
Ion Ratio Lower Upper
77 100
105 93.4 73.1 109.7
106 96.2 71.1 106.7



#8
Phenol
Concen: 3.905 ng/ul
RT: 7.113 min Scan# 685
Delta R.T. -0.002 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

Tgt Ion: 94 Resp: 62131
Ion Ratio Lower Upper
94 100
65 22.8 20.8 31.2
66 29.9 26.3 39.5

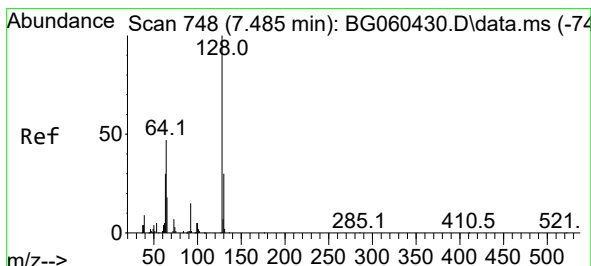
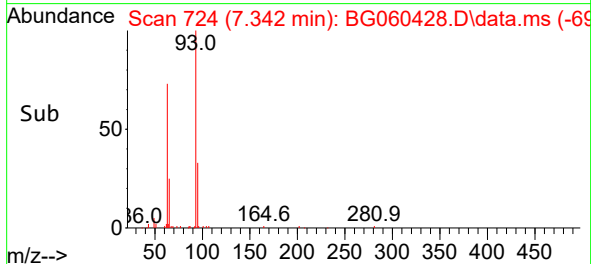
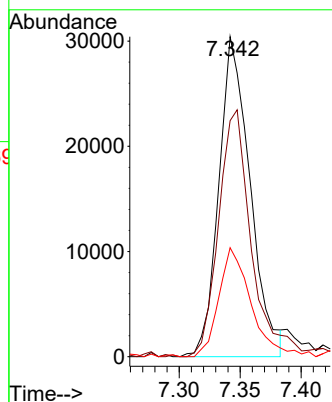
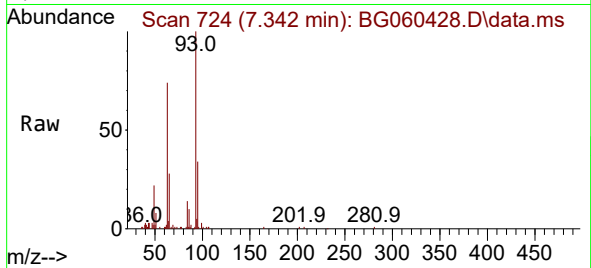




#10
 Bis(2-Chloroethyl)ether
 Concen: 4.283 ng/ul
 RT: 7.342 min Scan# 71
 Delta R.T. -0.002 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

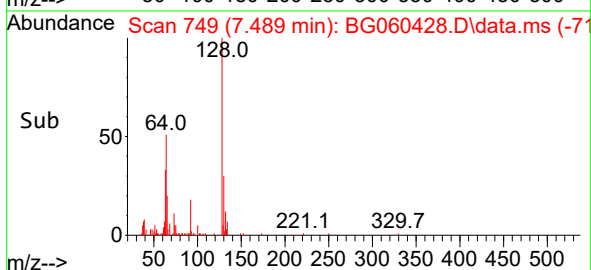
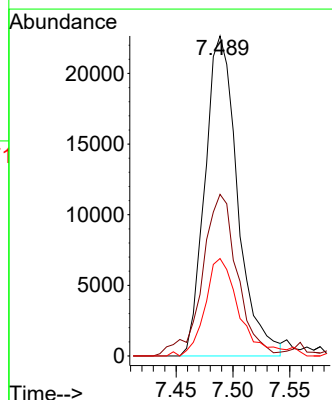
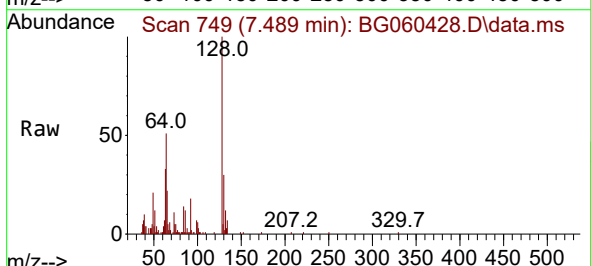
Instrument :
 BNA_G
 ClientSampleId :
 SSTD005448

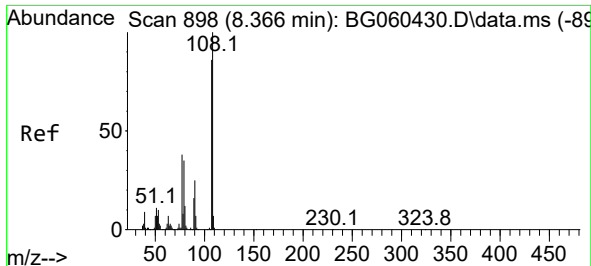
Tgt Ion: 93 Resp: 54284
 Ion Ratio Lower Upper
 93 100
 63 73.7 61.4 92.0
 95 34.1 26.2 39.2



#12
 2-Chlorophenol
 Concen: 4.311 ng/ul
 RT: 7.489 min Scan# 749
 Delta R.T. 0.004 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

Tgt Ion:128 Resp: 45202
 Ion Ratio Lower Upper
 128 100
 64 50.5 39.6 59.4
 130 30.5 23.8 35.8





#13

2-Methylphenol

Concen: 3.824 ng/ul

RT: 8.370 min Scan# 898

Delta R.T. 0.004 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

Instrument :

BNA_G

ClientSampleId :

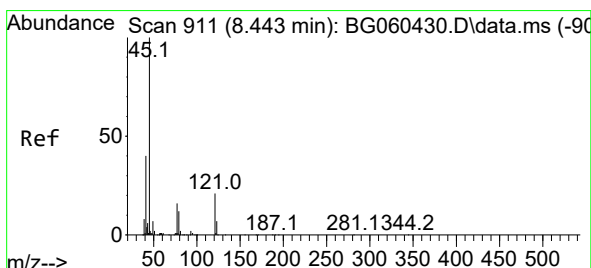
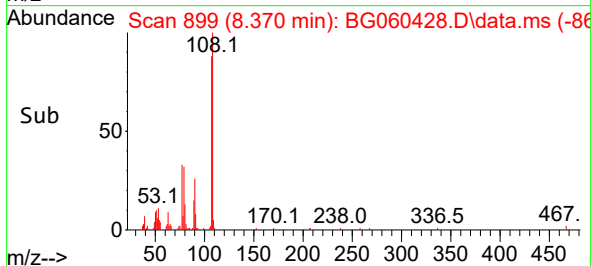
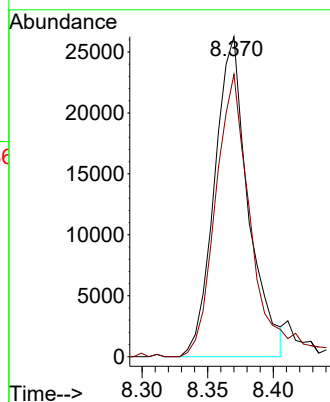
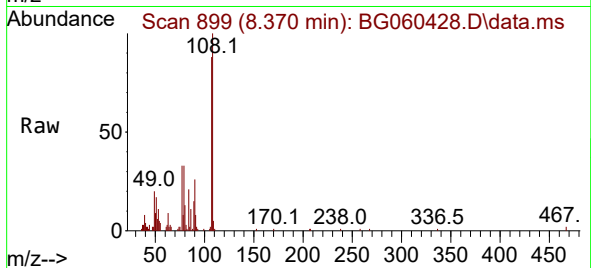
SSTD005448

Tgt Ion:108 Resp: 47016

Ion Ratio Lower Upper

108 100

107 88.2 68.9 103.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 2.384 ng/ul

RT: 8.440 min Scan# 911

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

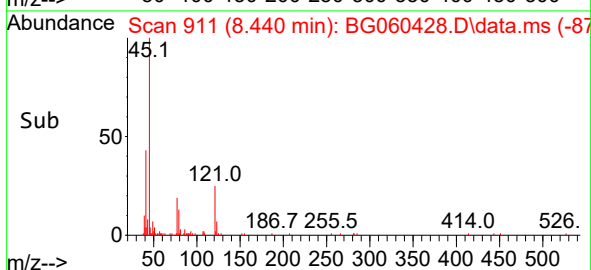
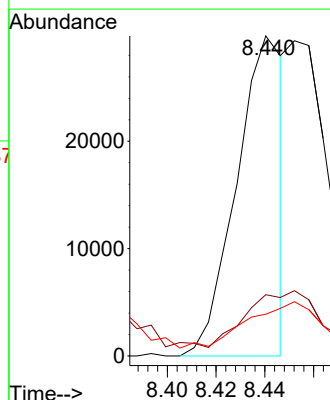
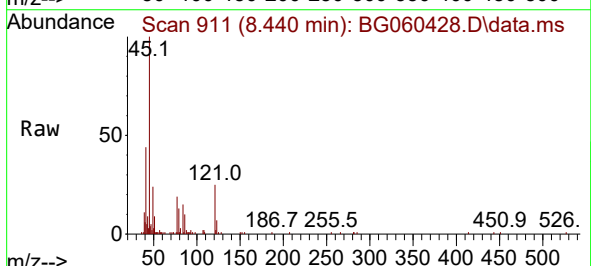
Tgt Ion: 45 Resp: 39872

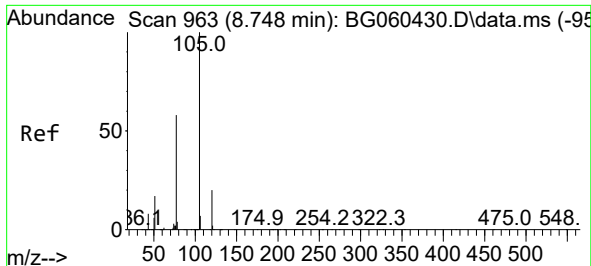
Ion Ratio Lower Upper

45 100

77 19.1 14.2 21.4

79 13.1 10.9 16.3

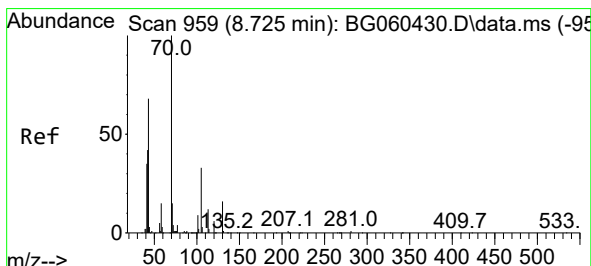
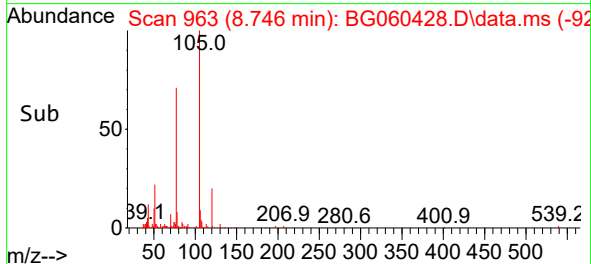
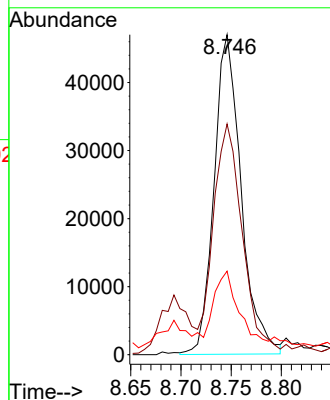
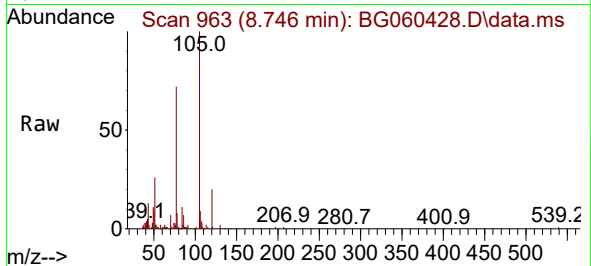




#16
Acetophenone
Concen: 4.410 ng/ul
RT: 8.746 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

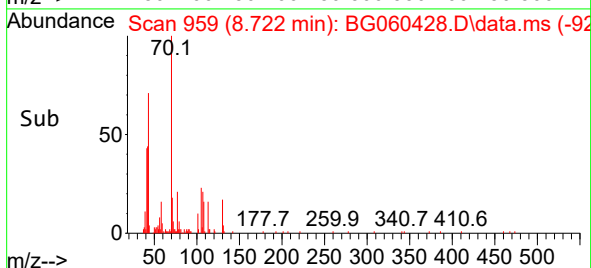
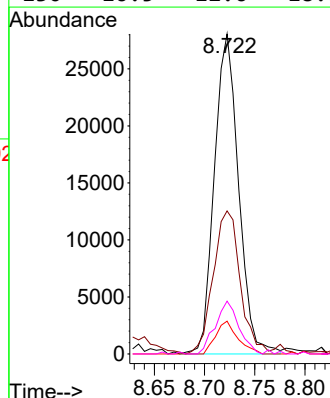
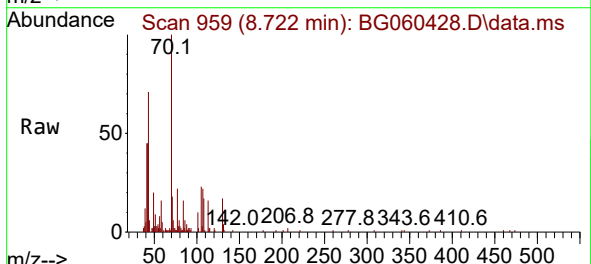
Instrument :
BNA_G
ClientSampleId :
SSTD005448

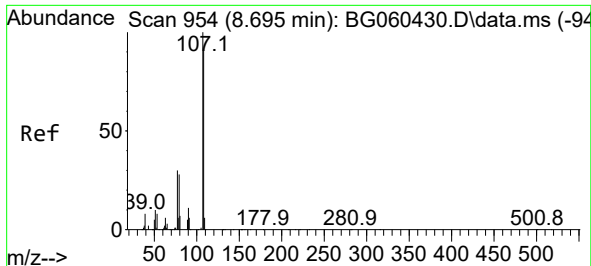
Tgt Ion:105 Resp: 88113
Ion Ratio Lower Upper
105 100
77 72.1 59.1 88.7
51 26.1 18.2 27.2



#17
N-Nitroso-di-n-propylamine
Concen: 4.362 ng/ul
RT: 8.722 min Scan# 959
Delta R.T. -0.002 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

Tgt Ion: 70 Resp: 46999
Ion Ratio Lower Upper
70 100
42 44.7 33.8 50.8
101 10.2 6.9 10.3
130 16.5 12.6 18.8

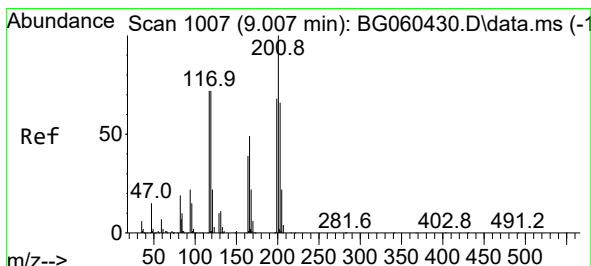
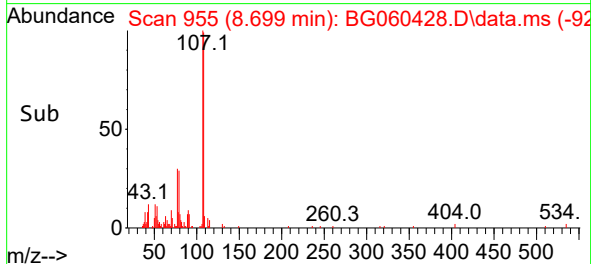
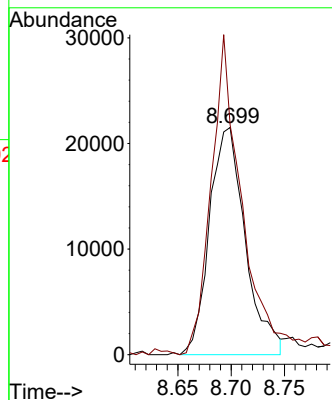
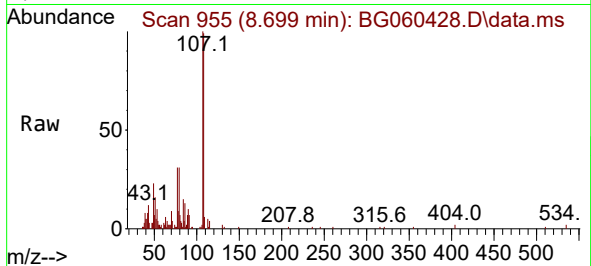




#18
4-Methylphenol
Concen: 3.805 ng/ul
RT: 8.699 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

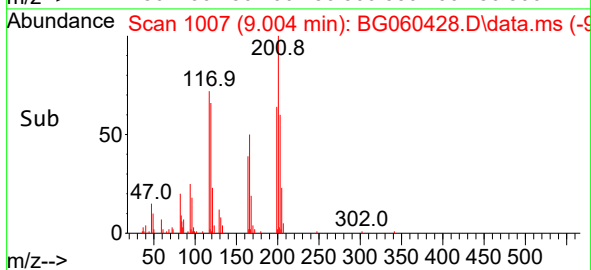
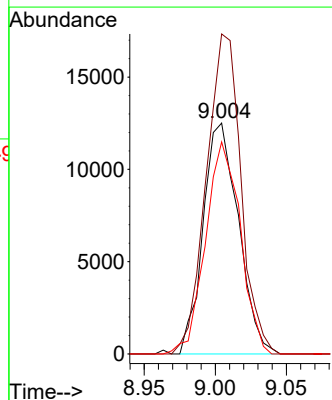
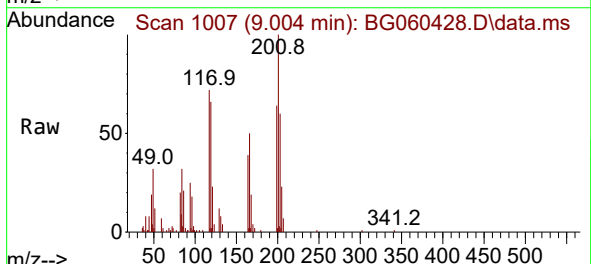
Instrument :
BNA_G
ClientSampleId :
SSTD005448

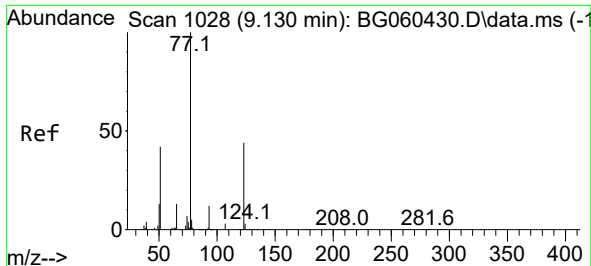
Tgt Ion:108 Resp: 50305
Ion Ratio Lower Upper
108 100
107 101.2 88.2 132.4



#19
Hexachloroethane
Concen: 4.666 ng/ul
RT: 9.004 min Scan# 1007
Delta R.T. -0.002 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

Tgt Ion:117 Resp: 21631
Ion Ratio Lower Upper
117 100
201 138.6 110.8 166.2
199 91.8 75.7 113.5

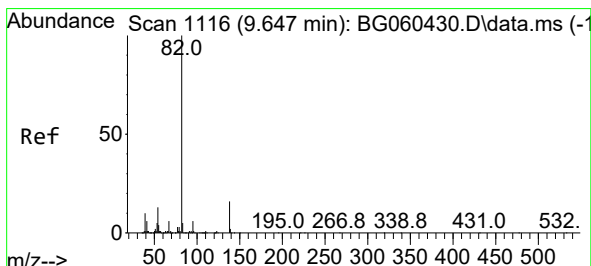
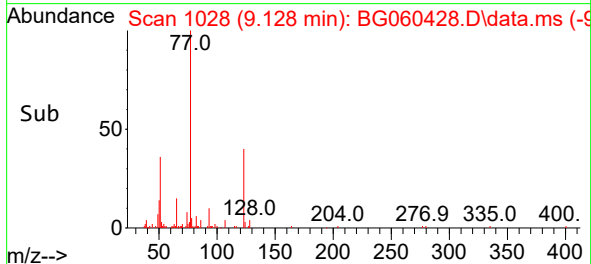
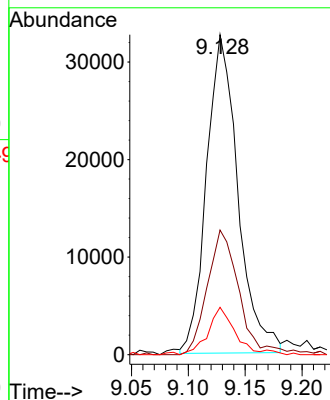
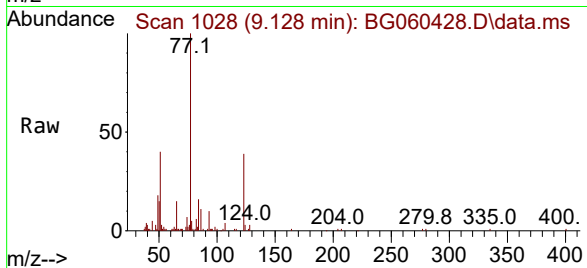




#22
Nitrobenzene
Concen: 4.433 ng/ul
RT: 9.128 min Scan# 1028
Delta R.T. -0.002 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

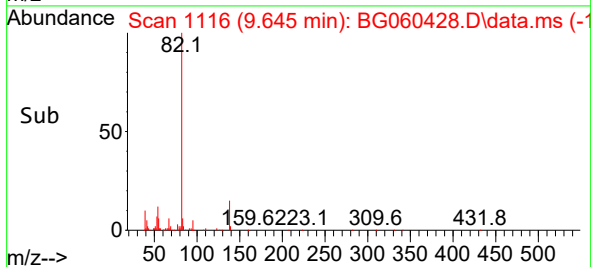
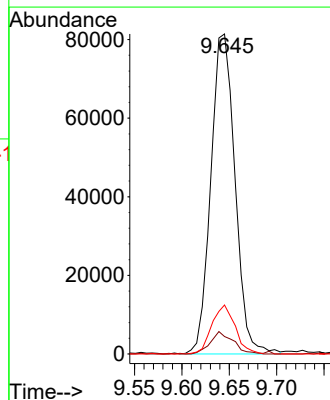
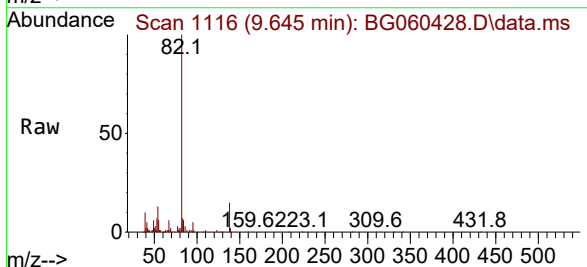
Instrument :
BNA_G
ClientSampleId :
SSTD005448

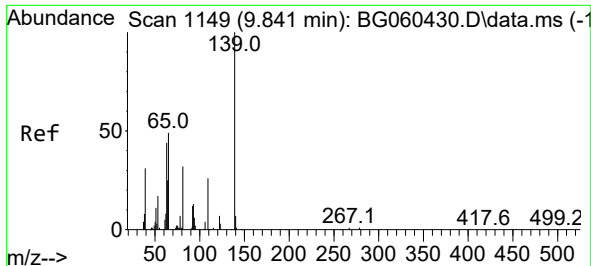
Tgt Ion: 77 Resp: 62577
Ion Ratio Lower Upper
77 100
123 39.0 35.0 52.6
65 14.8 10.5 15.7



#23
Isophorone
Concen: 4.731 ng/ul
RT: 9.645 min Scan# 1116
Delta R.T. -0.002 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

Tgt Ion: 82 Resp: 144766
Ion Ratio Lower Upper
82 100
95 5.5 4.9 7.3
138 15.3 12.5 18.7

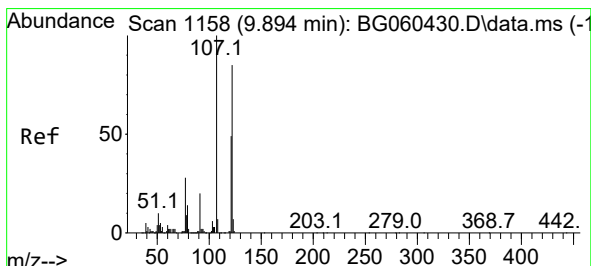
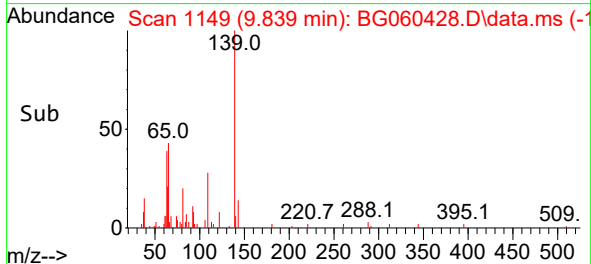
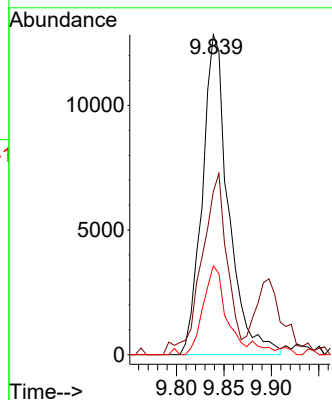
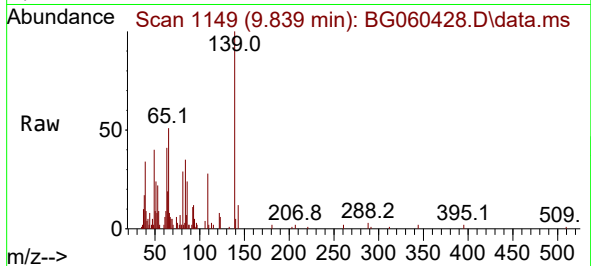




#25
2-Nitrophenol
Concen: 4.017 ng/ul
RT: 9.839 min Scan# 1149
Delta R.T. -0.002 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

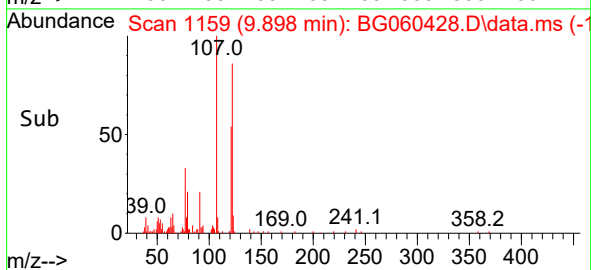
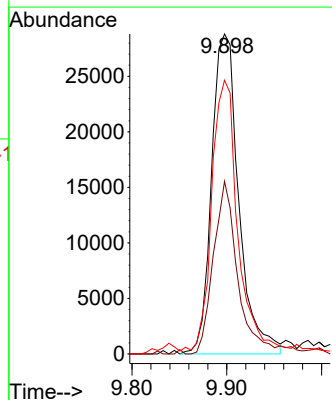
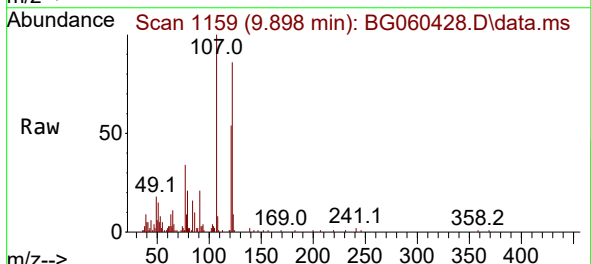
Instrument :
BNA_G
ClientSampleId :
SSTD005448

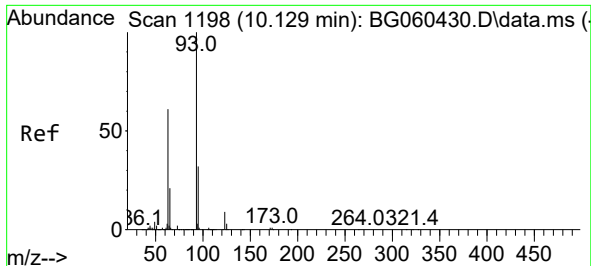
Tgt Ion:139 Resp: 24618
Ion Ratio Lower Upper
139 100
65 51.0 41.0 61.4
109 27.8 21.4 32.0



#26
2,4-Dimethylphenol
Concen: 4.537 ng/ul
RT: 9.898 min Scan# 1159
Delta R.T. 0.004 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

Tgt Ion:107 Resp: 57377
Ion Ratio Lower Upper
107 100
121 53.9 39.2 58.8
122 85.6 68.6 102.8

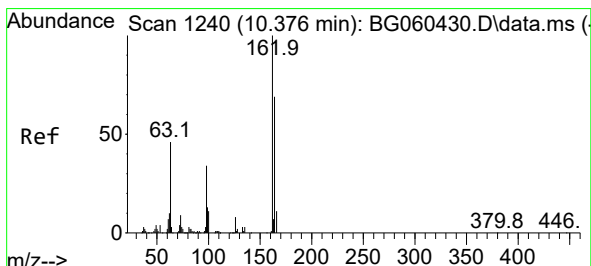
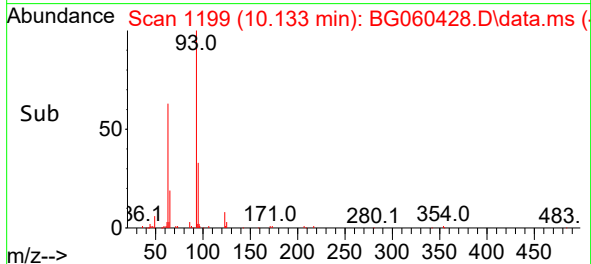
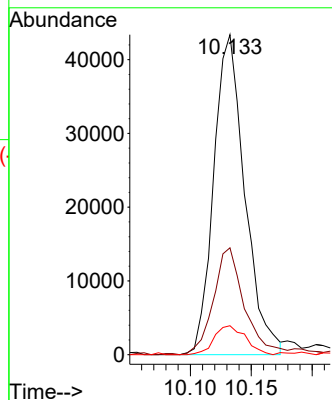
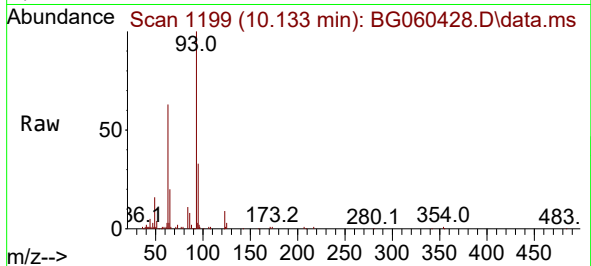




#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.422 ng/ul
 RT: 10.133 min Scan# 1199
 Delta R.T. 0.004 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

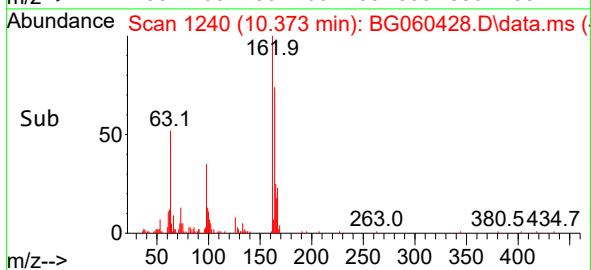
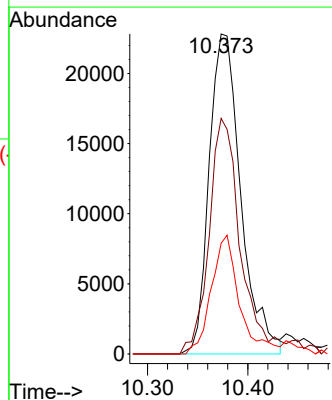
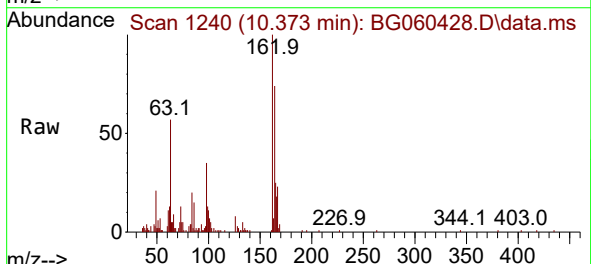
Instrument :
 BNA_G
 ClientSampleId :
 SSTD005448

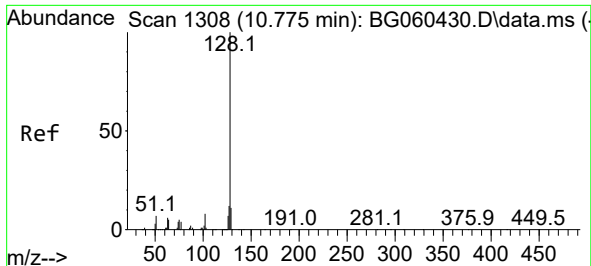
Tgt Ion: 93 Resp: 77041
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.5 38.3
 123 9.0 7.0 10.6



#29
 2,4-Dichlorophenol
 Concen: 4.156 ng/ul
 RT: 10.373 min Scan# 1240
 Delta R.T. -0.002 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

Tgt Ion:162 Resp: 50086
 Ion Ratio Lower Upper
 162 100
 164 73.6 55.2 82.8
 98 34.6 27.0 40.6

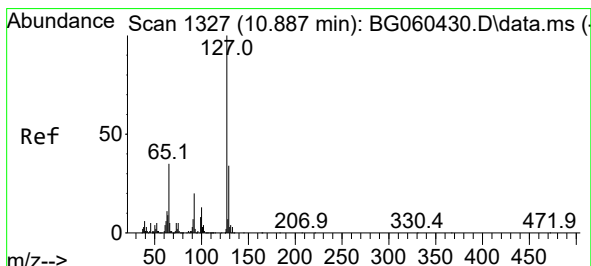
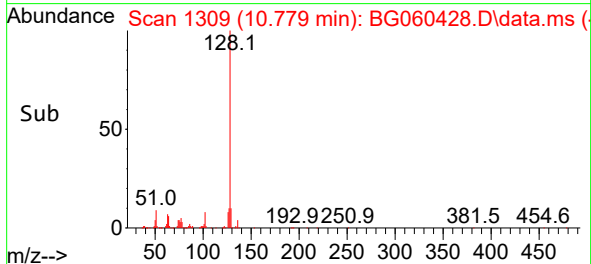
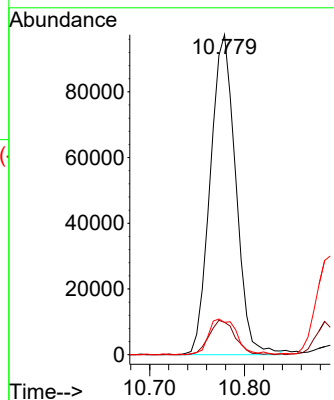
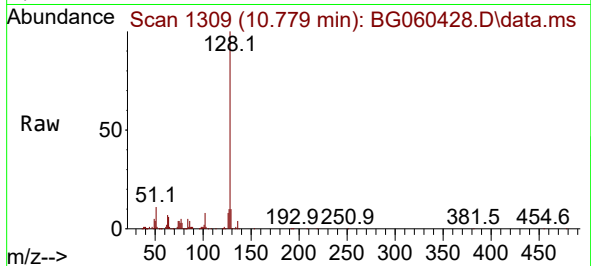




#30
Naphthalene
Concen: 4.808 ng/ul
RT: 10.779 min Scan# 1308
Delta R.T. 0.004 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

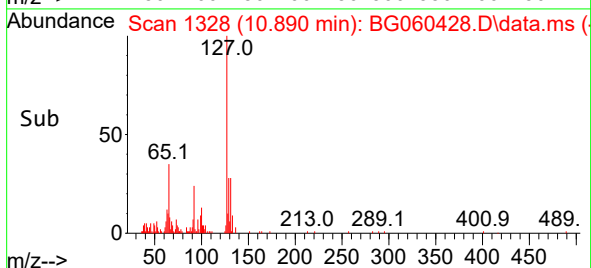
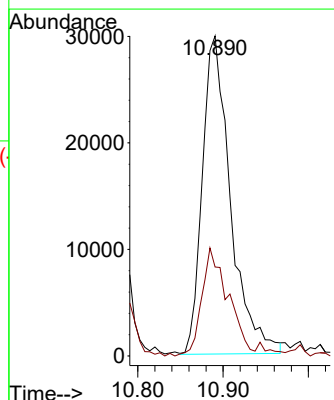
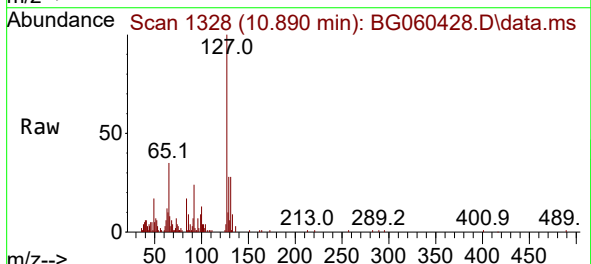
Instrument :
BNA_G
ClientSampleId :
SSTD005448

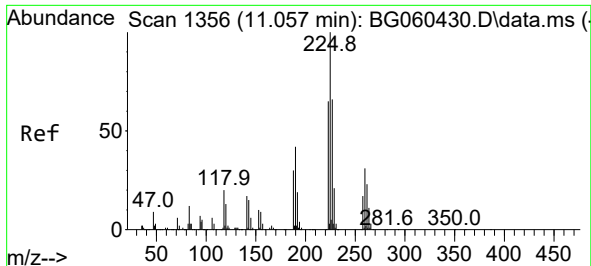
Tgt Ion:128 Resp: 181464
Ion Ratio Lower Upper
128 100
129 10.1 8.5 12.7
127 10.1 9.5 14.3



#32
4-Chloroaniline
Concen: 4.256 ng/ul
RT: 10.890 min Scan# 1328
Delta R.T. 0.004 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

Tgt Ion:127 Resp: 68673
Ion Ratio Lower Upper
127 100
129 27.8 27.2 40.8

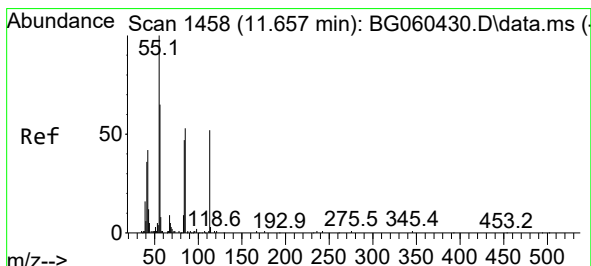
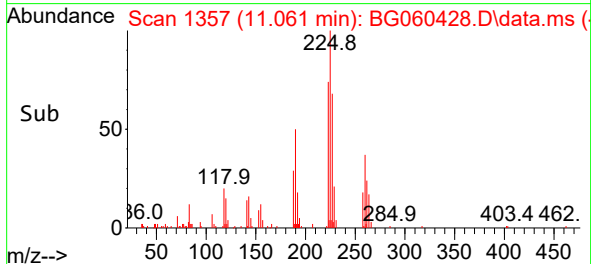
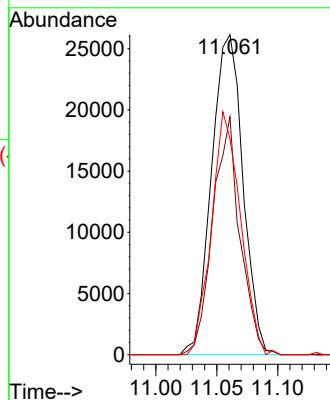
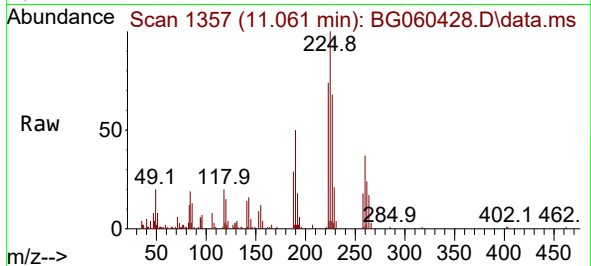




#33
Hexachlorobutadiene
Concen: 4.694 ng/ul
RT: 11.061 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

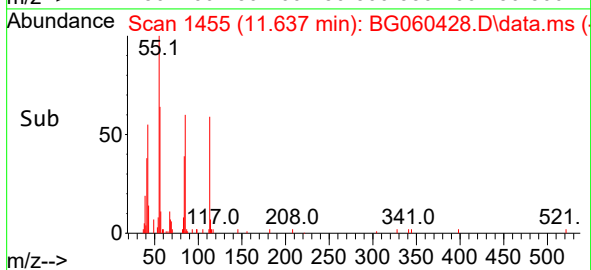
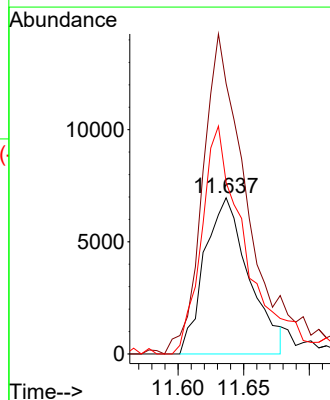
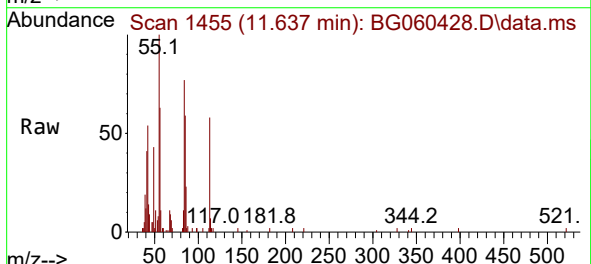
Instrument :
BNA_G
ClientSampleId :
SSTD005448

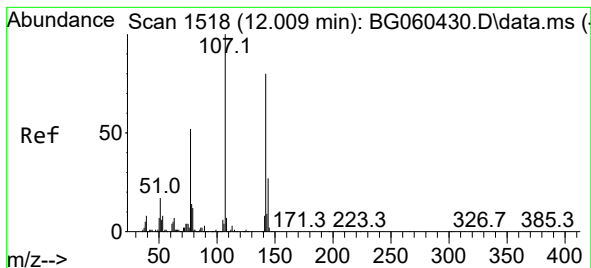
Tgt Ion:225 Resp: 46977
Ion Ratio Lower Upper
225 100
223 74.9 52.0 78.0
227 64.7 52.8 79.2



#34
Caprolactam
Concen: 4.097 ng/ul
RT: 11.637 min Scan# 1455
Delta R.T. -0.020 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

Tgt Ion:113 Resp: 16382
Ion Ratio Lower Upper
113 100
55 173.1 154.2 231.4
56 109.8 100.6 150.8

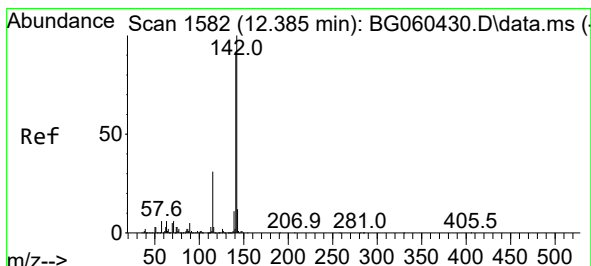
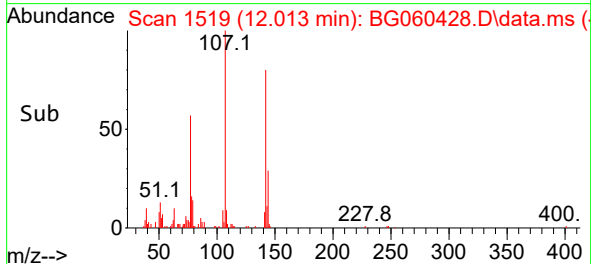
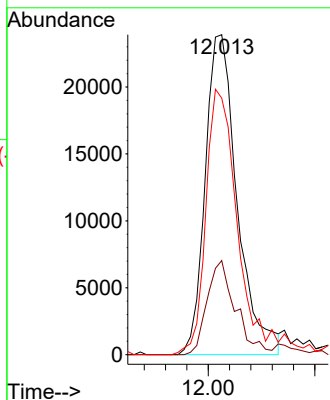
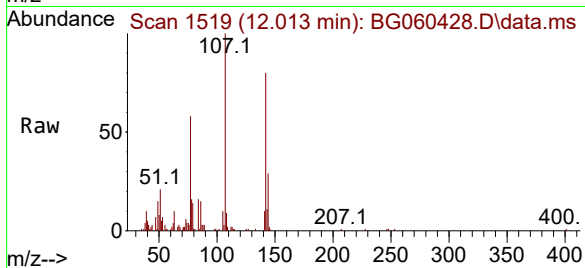




#35
 4-Chloro-3-methylphenol
 Concen: 4.132 ng/ul
 RT: 12.013 min Scan# 1519
 Delta R.T. 0.004 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

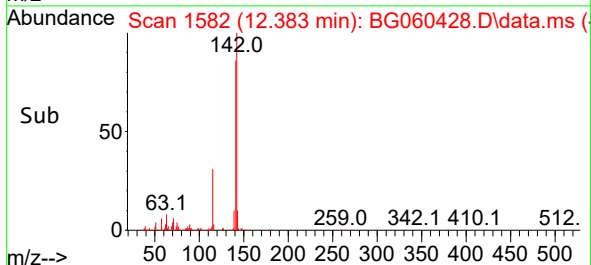
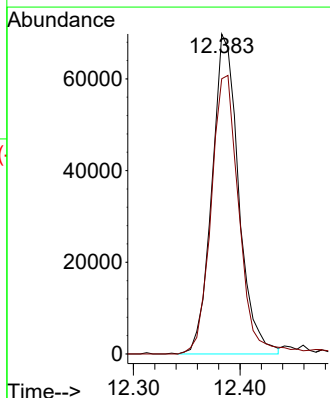
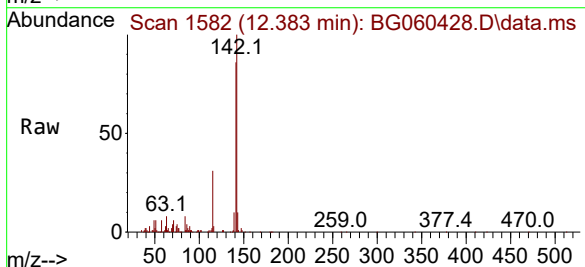
Instrument :
 BNA_G
 ClientSampleId :
 SSTD005448

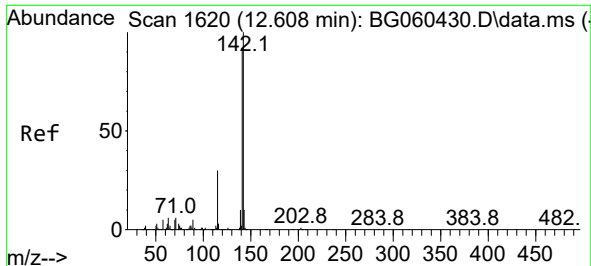
Tgt Ion:107 Resp: 49920
 Ion Ratio Lower Upper
 107 100
 144 29.4 21.4 32.2
 142 80.1 64.1 96.1



#36
 2-Methylnaphthalene
 Concen: 4.579 ng/ul
 RT: 12.383 min Scan# 1582
 Delta R.T. -0.002 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

Tgt Ion:142 Resp: 121483
 Ion Ratio Lower Upper
 142 100
 141 86.0 72.6 108.8





#37

1-Methylnaphthalene

Concen: 4.752 ng/ul

RT: 12.606 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

Instrument :

BNA_G

ClientSampleId :

SSTD005448

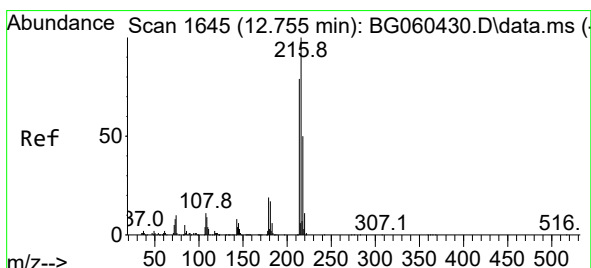
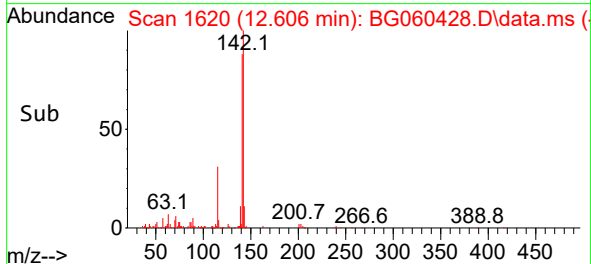
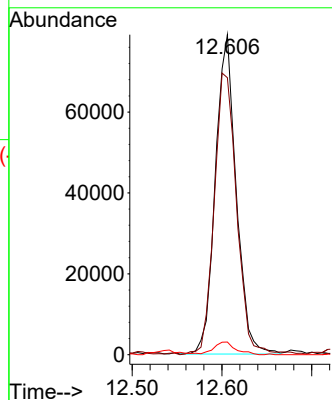
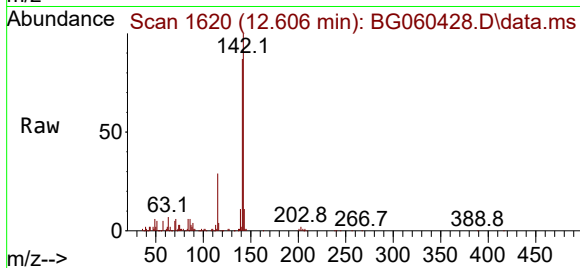
Tgt Ion:142 Resp: 127435

Ion Ratio Lower Upper

142 100

141 86.6 73.6 110.4

116 4.0 2.3 3.5#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.738 ng/ul

RT: 12.753 min Scan# 1645

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

Tgt Ion:216 Resp: 89031

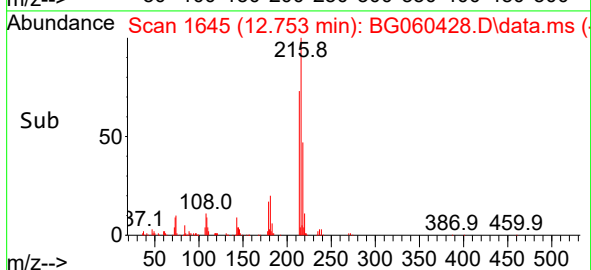
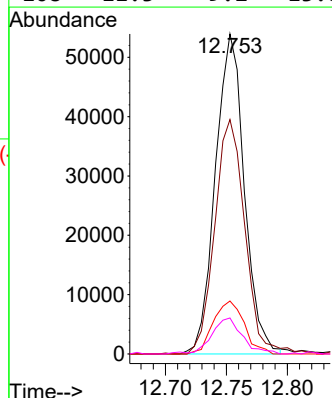
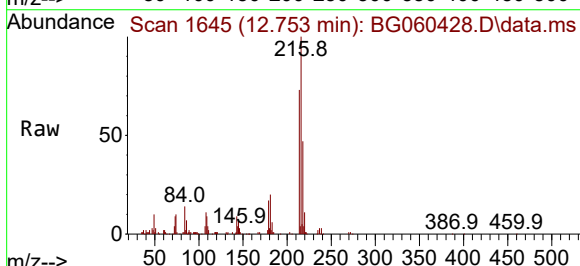
Ion Ratio Lower Upper

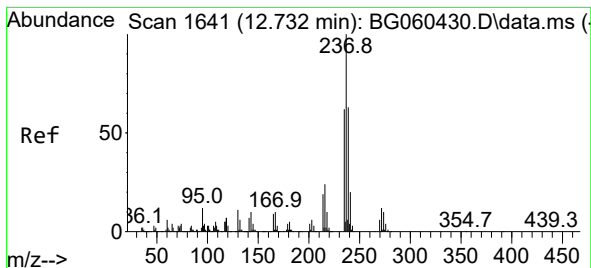
216 100

214 73.3 63.0 94.4

179 16.6 15.2 22.8

108 11.3 9.2 13.8





#40

Hexachlorocyclopentadiene

Concen: 3.220 ng/ul

RT: 12.730 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

Instrument :

BNA_G

ClientSampleId :

SSTD005448

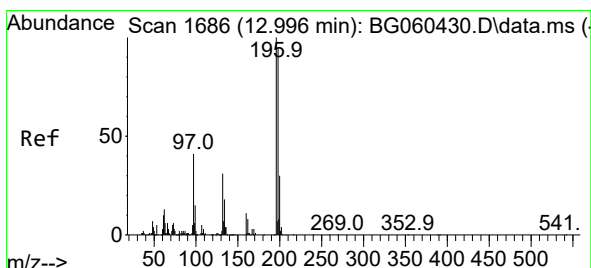
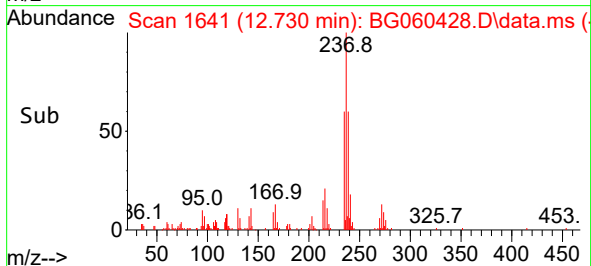
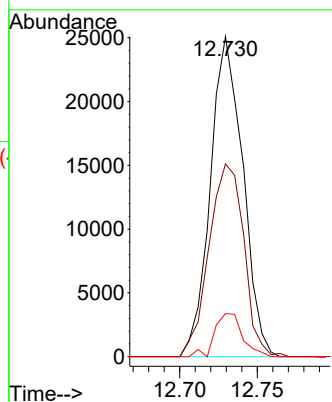
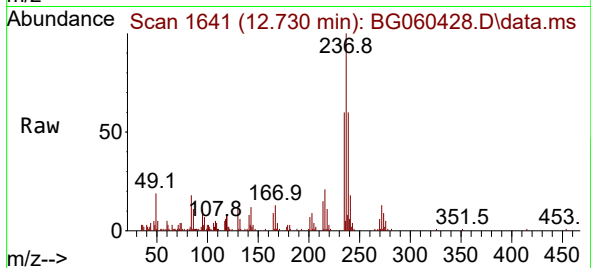
Tgt Ion:237 Resp: 36581

Ion Ratio Lower Upper

237 100

235 60.2 49.4 74.0

272 13.5 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 4.295 ng/ul

RT: 13.000 min Scan# 1687

Delta R.T. 0.004 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

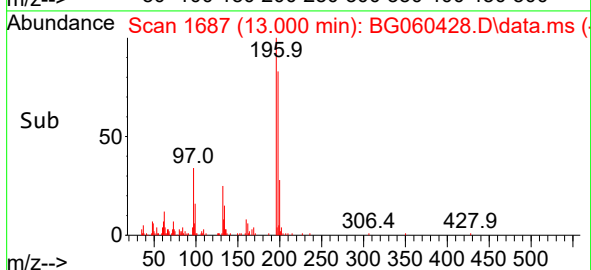
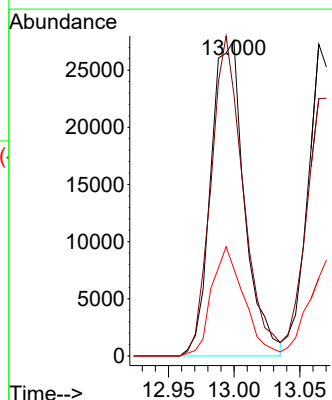
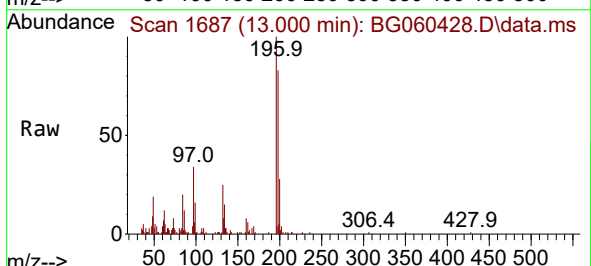
Tgt Ion:196 Resp: 49187

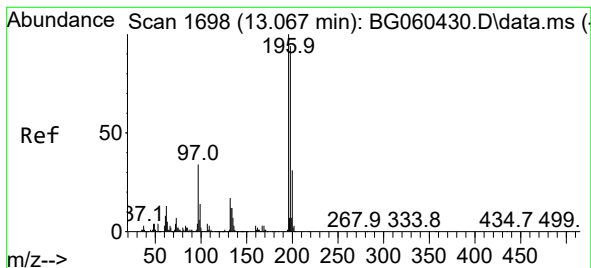
Ion Ratio Lower Upper

196 100

198 79.2 76.3 114.5

200 26.4 24.4 36.6





#42

2,4,5-Trichlorophenol

Concen: 4.112 ng/ul

RT: 13.064 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

Instrument :

BNA_G

ClientSampleId :

SSTD005448

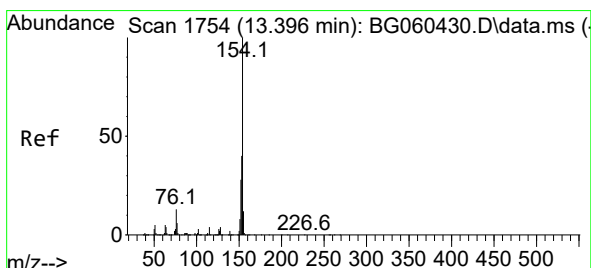
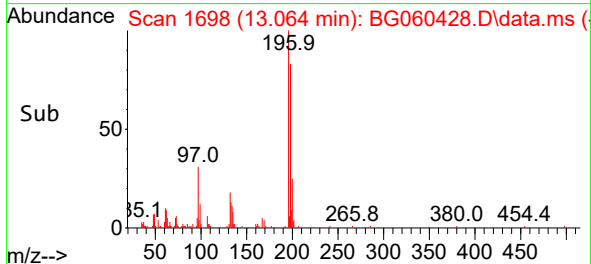
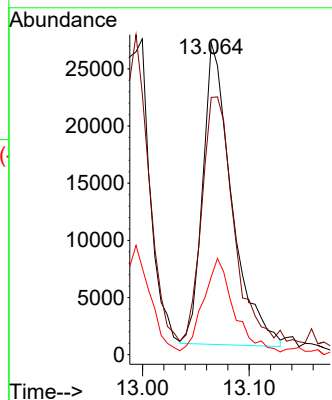
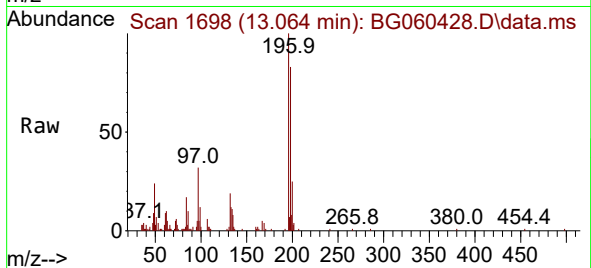
Tgt Ion:196 Resp: 49770

Ion Ratio Lower Upper

196 100

198 82.5 75.7 113.5

200 25.0 24.9 37.3



#43

1,1'-Biphenyl

Concen: 4.685 ng/ul

RT: 13.393 min Scan# 1754

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

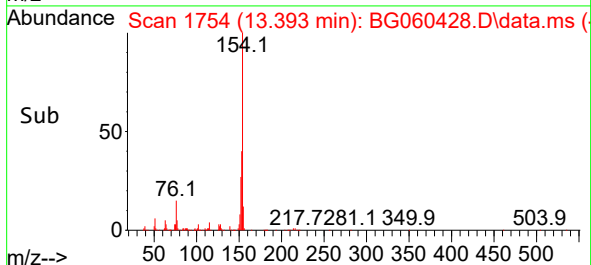
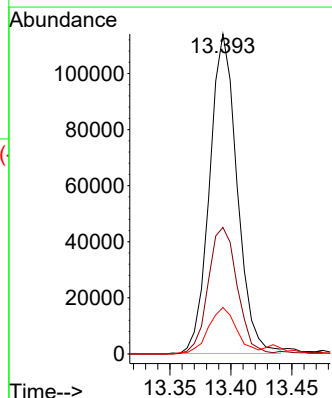
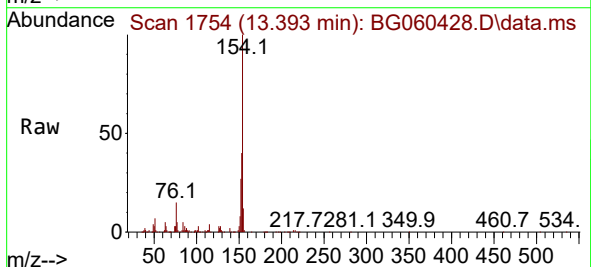
Tgt Ion:154 Resp: 179181

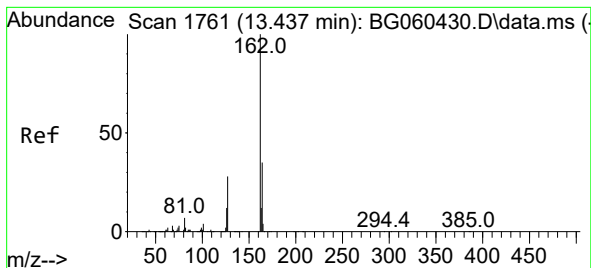
Ion Ratio Lower Upper

154 100

153 39.6 31.8 47.8

76 14.6 10.4 15.6





#44

2-Chloronaphthalene

Concen: 4.725 ng/ul

RT: 13.435 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

Instrument :

BNA_G

ClientSampleId :

SSTD005448

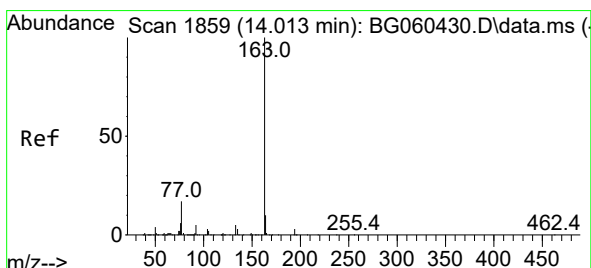
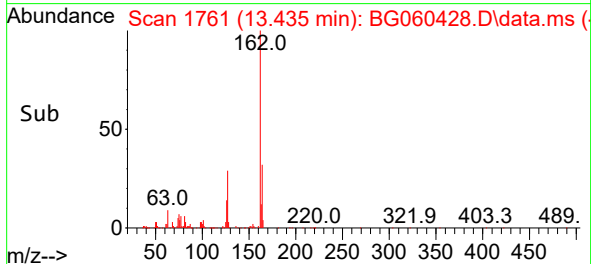
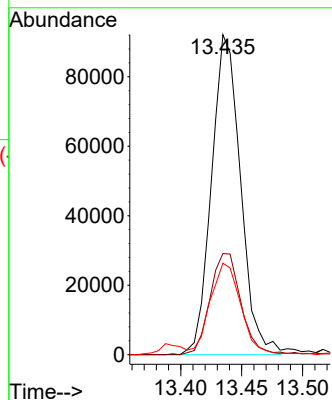
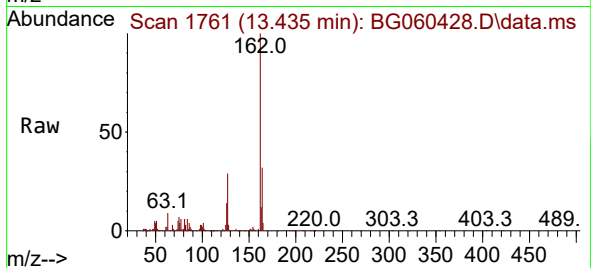
Tgt Ion:162 Resp: 152558

Ion Ratio Lower Upper

162 100

164 31.6 27.7 41.5

127 28.6 24.5 36.7



#47

Dimethylphthalate

Concen: 4.929 ng/ul

RT: 14.010 min Scan# 1859

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

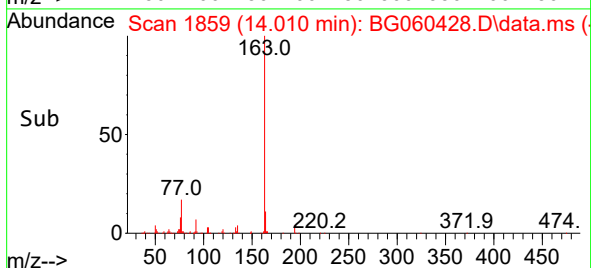
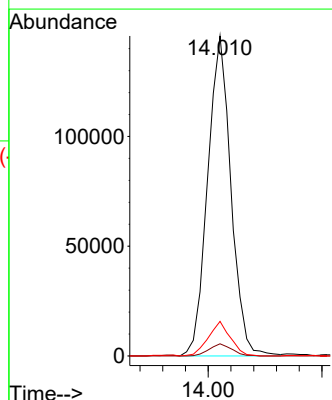
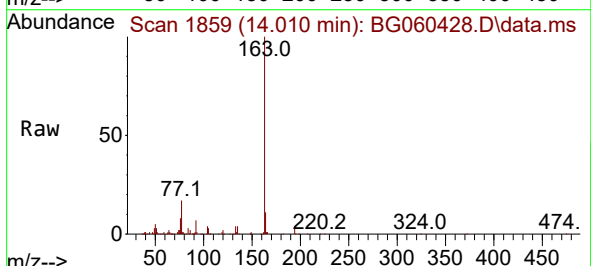
Tgt Ion:163 Resp: 207839

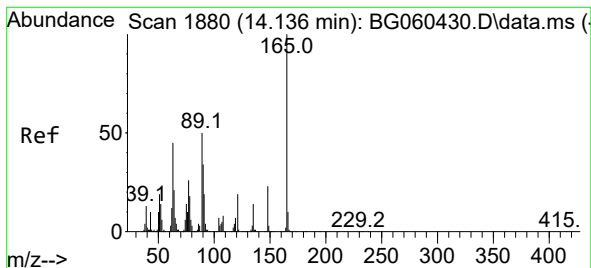
Ion Ratio Lower Upper

163 100

194 3.8 2.6 3.8

164 10.8 8.4 12.6





#48

2,6-Dinitrotoluene

Concen: 4.335 ng/ul

RT: 14.134 min Scan# 1880

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

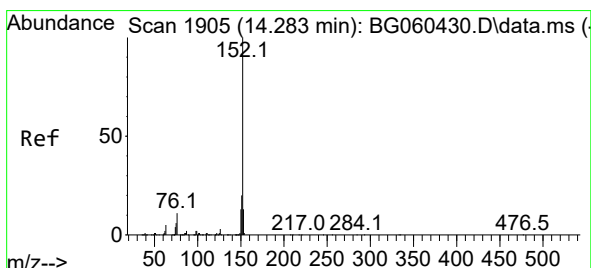
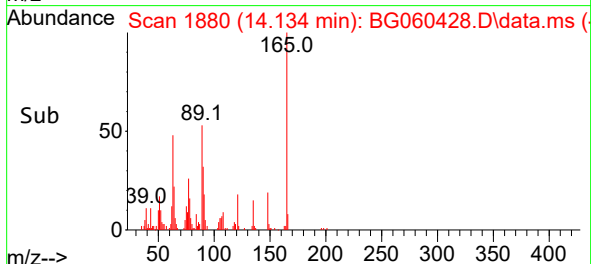
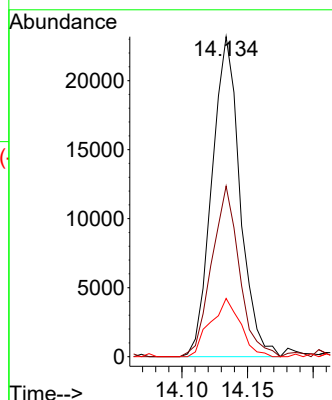
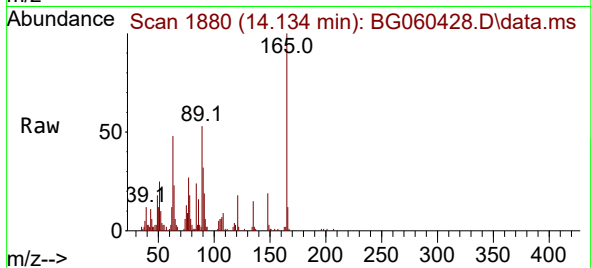
Instrument :

BNA_G

ClientSampleId :

SSTD005448

Tgt Ion:165	Resp:	34476
Ion Ratio	Lower	Upper
165	100	
89	53.3	40.2 60.2
121	18.2	15.0 22.6



#50

Acenaphthylene

Concen: 4.898 ng/ul

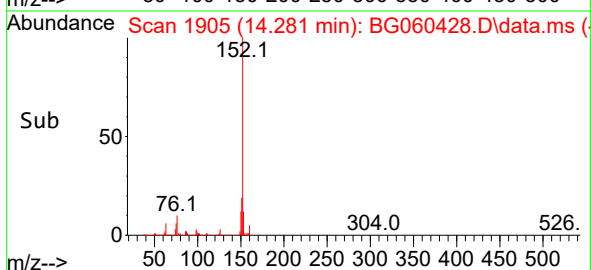
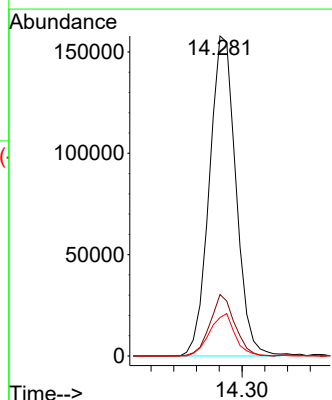
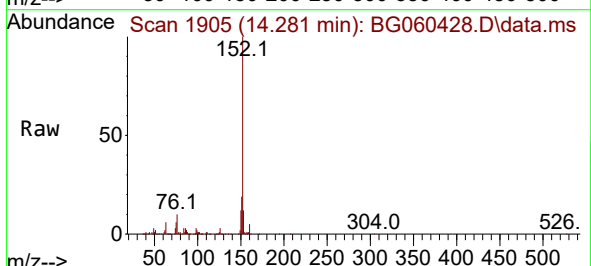
RT: 14.281 min Scan# 1905

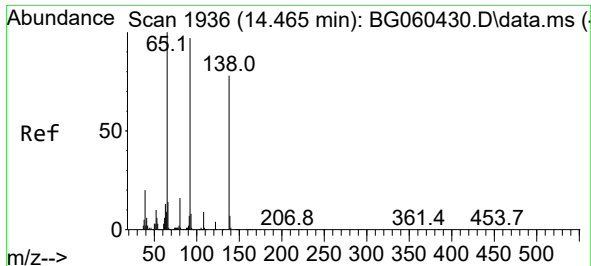
Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

Tgt Ion:152	Resp:	256054
Ion Ratio	Lower	Upper
152	100	
151	19.2	16.3 24.5
153	12.0	10.4 15.6

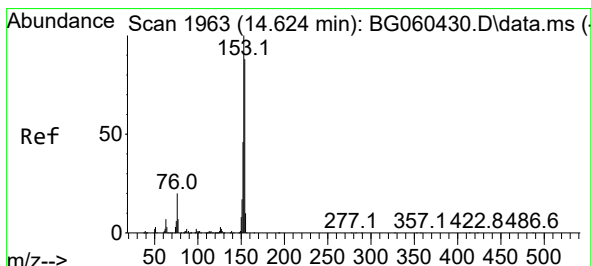
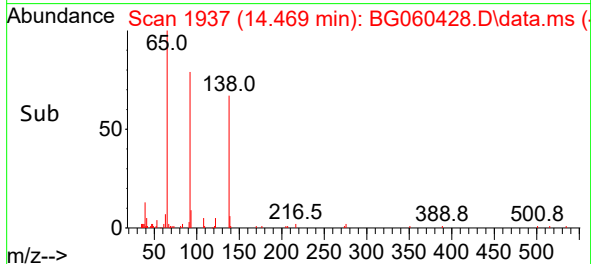
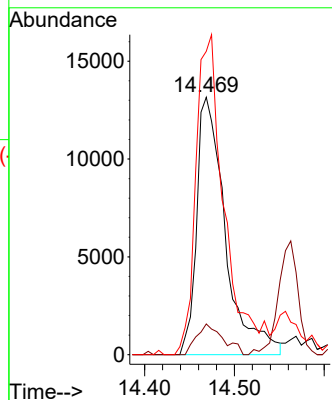
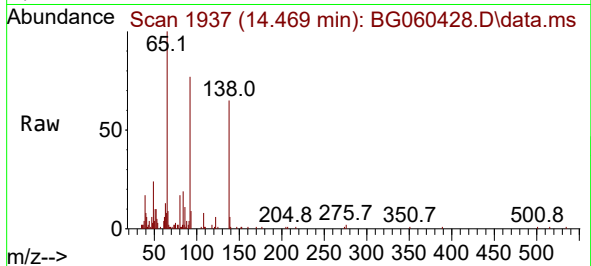




#51
3-Nitroaniline
Concen: 4.374 ng/ul
RT: 14.469 min Scan# 1937
Delta R.T. 0.004 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

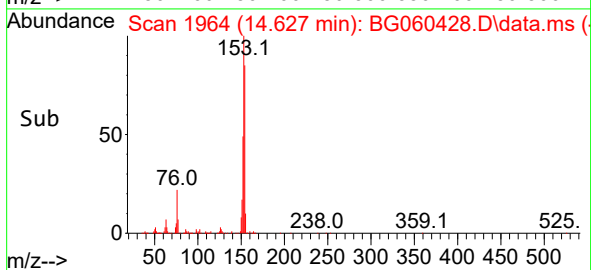
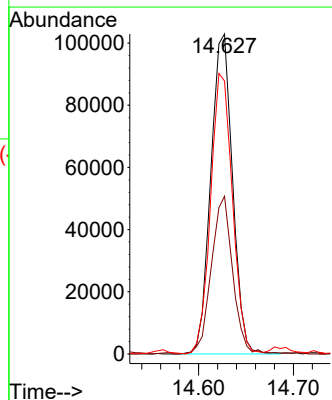
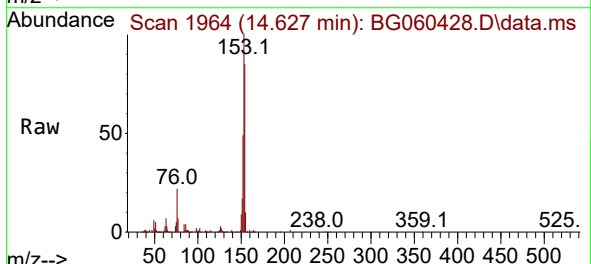
Instrument :
BNA_G
ClientSampleId :
SSTD005448

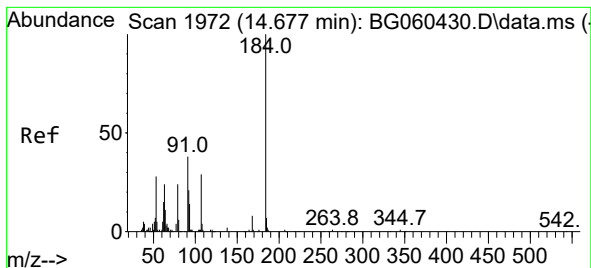
Tgt Ion:138 Resp: 29237
Ion Ratio Lower Upper
138 100
108 11.9 9.5 14.3
92 117.9 98.9 148.3



#52
Acenaphthene
Concen: 4.705 ng/ul
RT: 14.627 min Scan# 1964
Delta R.T. 0.004 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

Tgt Ion:153 Resp: 164060
Ion Ratio Lower Upper
153 100
152 49.3 37.0 55.6
154 85.3 70.0 105.0

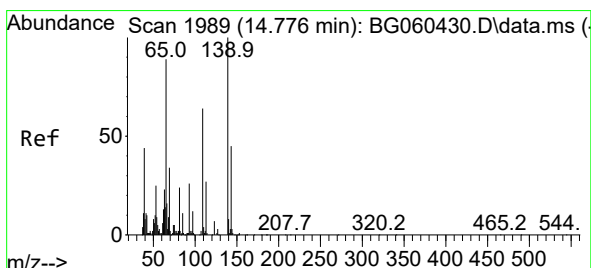
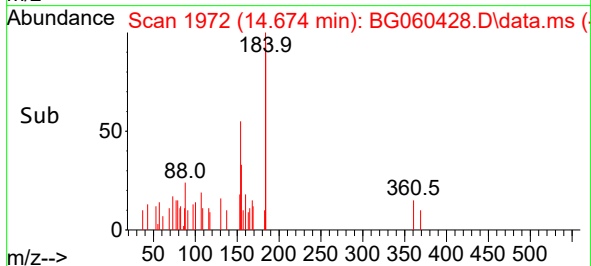
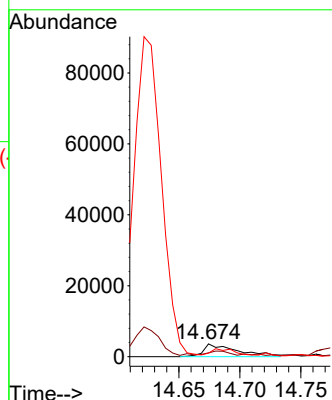
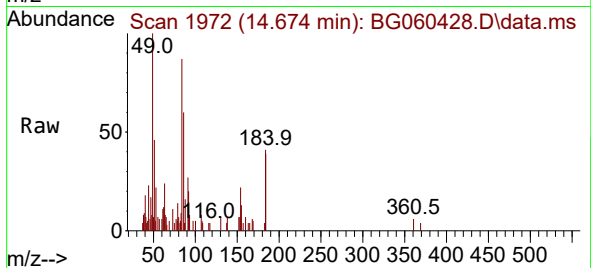




#53
2,4-Dinitrophenol
Concen: 1.605 ng/ul
RT: 14.674 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

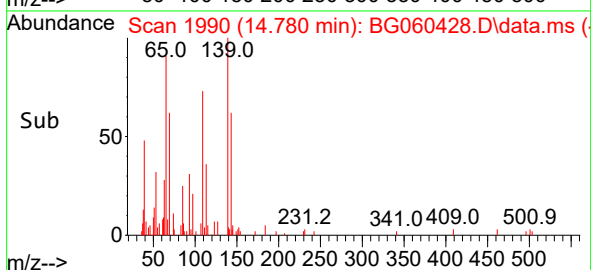
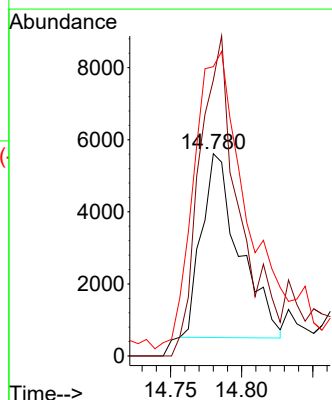
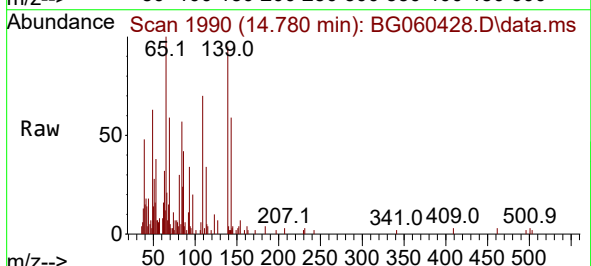
Instrument :
BNA_G
ClientSampleId :
SSTD005448

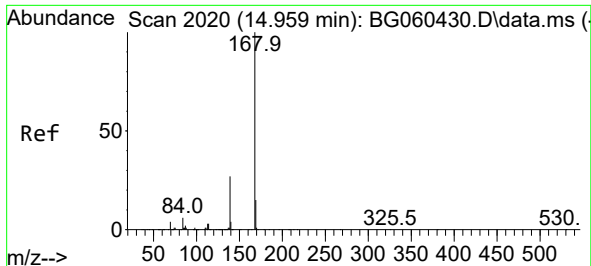
Tgt Ion:184 Resp: 6967
Ion Ratio Lower Upper
184 100
63 30.1 39.2 58.8#
154 28.3 40.3 60.5#



#55
4-Nitrophenol
Concen: 2.290 ng/ul
RT: 14.780 min Scan# 1990
Delta R.T. 0.004 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

Tgt Ion:109 Resp: 9434
Ion Ratio Lower Upper
109 100
139 136.4 124.5 186.7
65 143.0 112.4 168.6

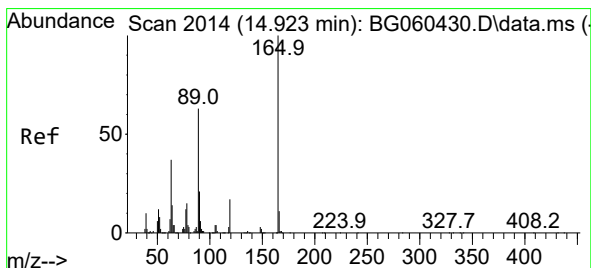
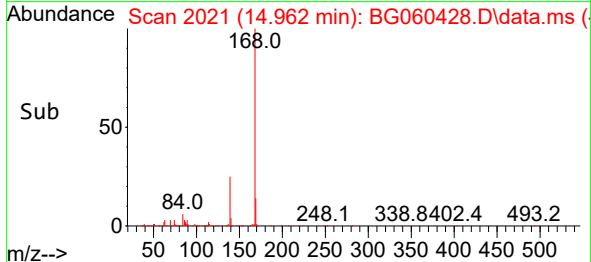
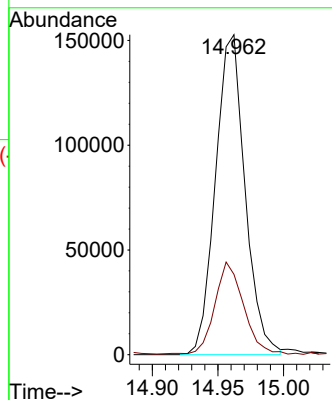
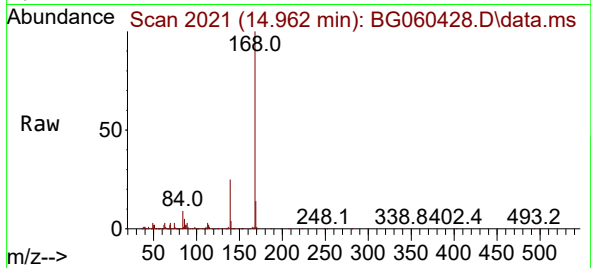




#56
Dibenzofuran
Concen: 4.859 ng/ul
RT: 14.962 min Scan# 2014
Delta R.T. 0.004 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

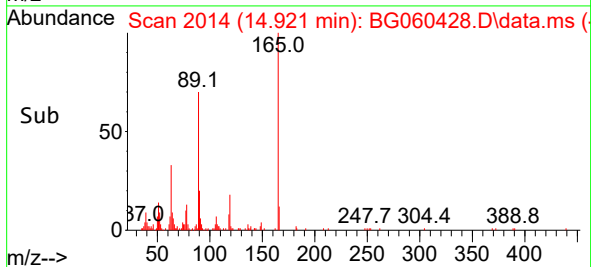
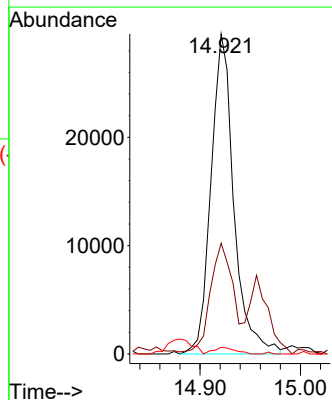
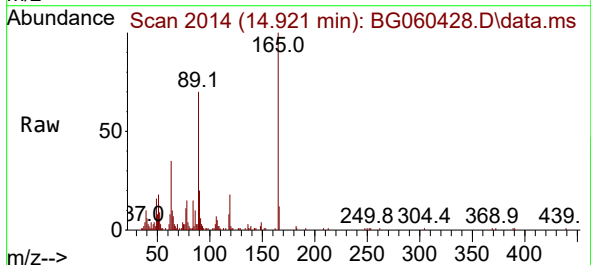
Instrument :
BNA_G
ClientSampleId :
SSTD005448

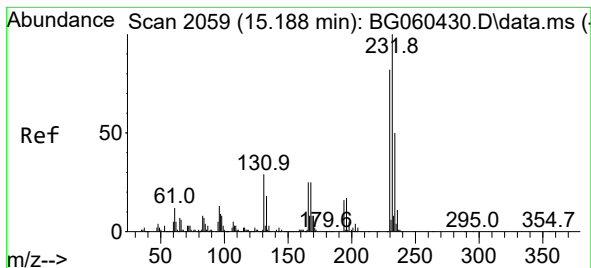
Tgt Ion:168 Resp: 239191
Ion Ratio Lower Upper
168 100
139 25.1 21.6 32.4



#57
2,4-Dinitrotoluene
Concen: 4.008 ng/ul
RT: 14.921 min Scan# 2014
Delta R.T. -0.002 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

Tgt Ion:165 Resp: 46710
Ion Ratio Lower Upper
165 100
63 34.6 29.9 44.9
182 2.8 1.8 2.6#

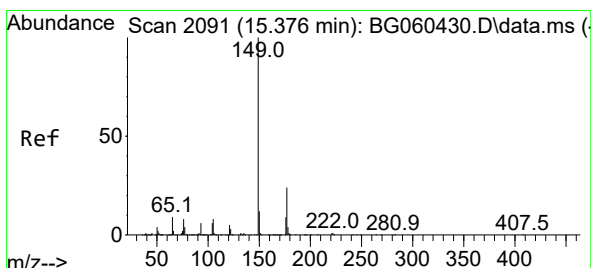
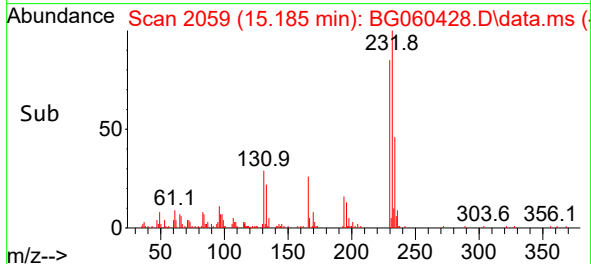
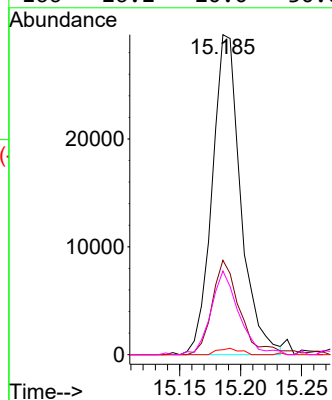
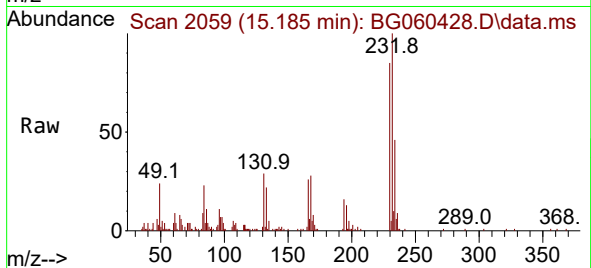




#58
2,3,4,6-Tetrachlorophenol
Concen: 4.294 ng/ul
RT: 15.185 min Scan# 2059
Delta R.T. -0.002 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

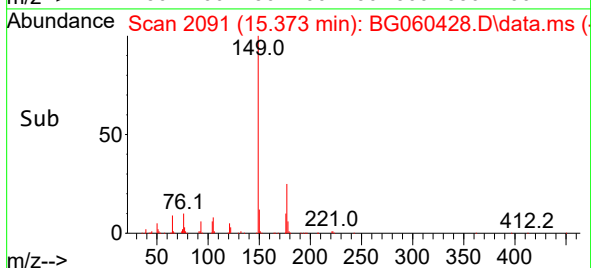
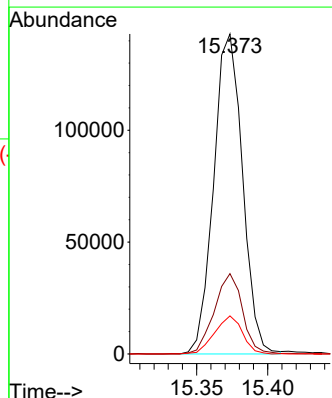
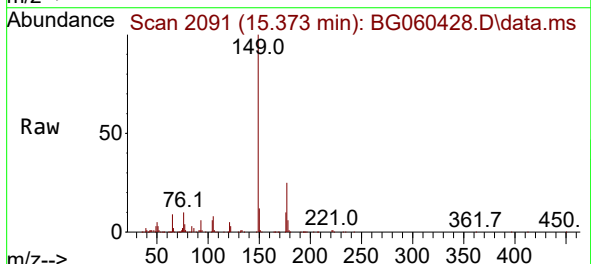
Instrument :
BNA_G
ClientSampleId :
SSTD005448

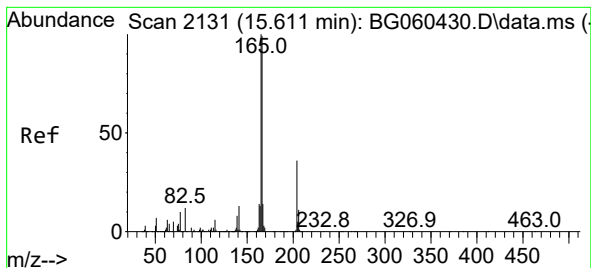
Tgt Ion:232 Resp: 48302
Ion Ratio Lower Upper
232 100
131 29.5 23.4 35.0
130 1.6 0.8 1.2#
166 26.2 20.0 30.0



#59
Diethylphthalate
Concen: 4.977 ng/ul
RT: 15.373 min Scan# 2091
Delta R.T. -0.002 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

Tgt Ion:149 Resp: 201783
Ion Ratio Lower Upper
149 100
177 25.1 19.4 29.0
150 11.9 9.8 14.8





#61

Fluorene

Concen: 4.980 ng/ul

RT: 15.608 min Scan# 2131

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

Instrument :

BNA_G

ClientSampleId :

SSTD005448

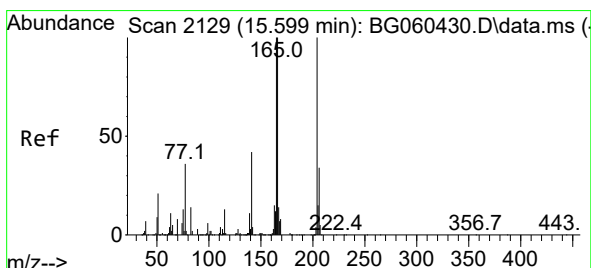
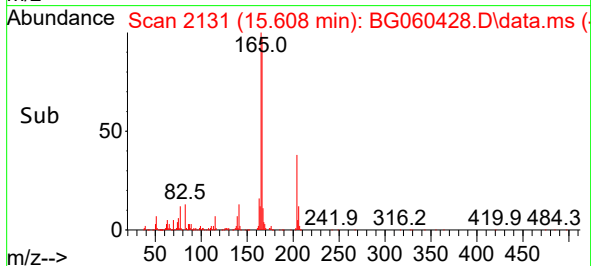
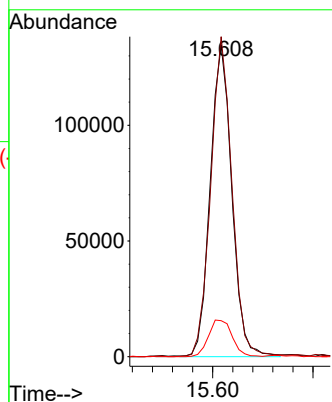
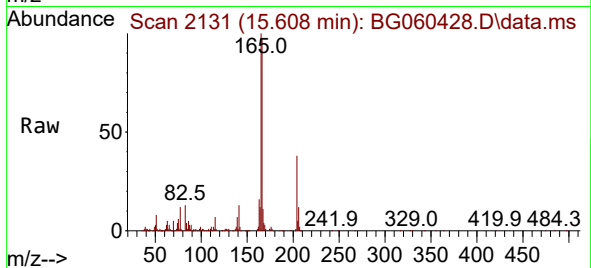
Tgt Ion:166 Resp: 201143

Ion Ratio Lower Upper

166 100

165 102.8 81.0 121.6

167 11.6 11.3 16.9



#62

4-Chlorophenyl-phenylether

Concen: 4.821 ng/ul

RT: 15.597 min Scan# 2129

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

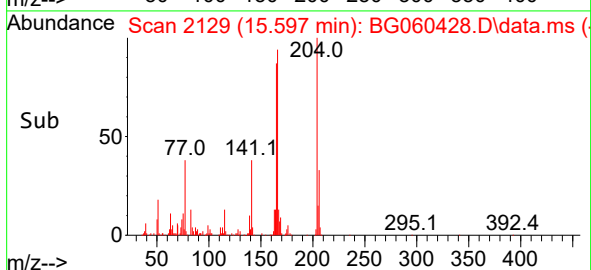
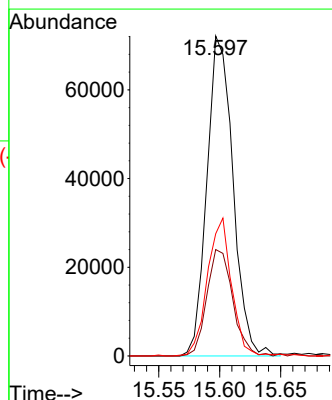
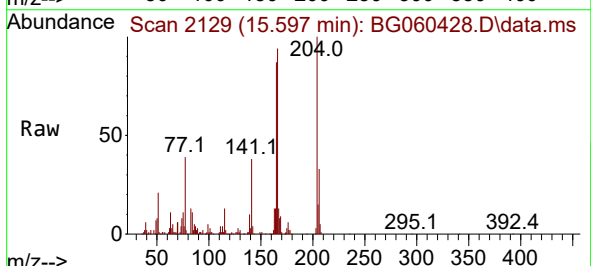
Tgt Ion:204 Resp: 107473

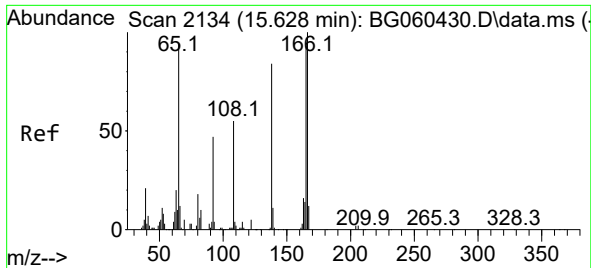
Ion Ratio Lower Upper

204 100

206 33.3 27.5 41.3

141 38.2 33.4 50.0

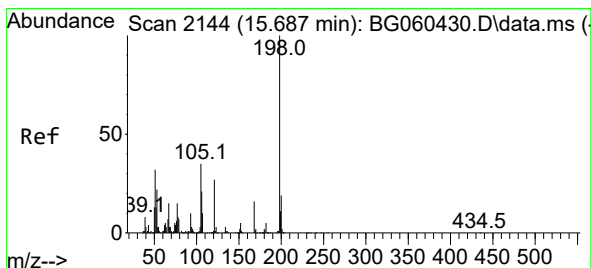
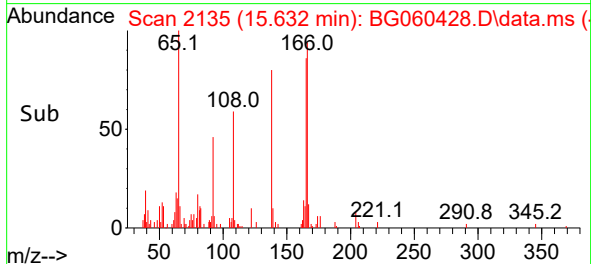
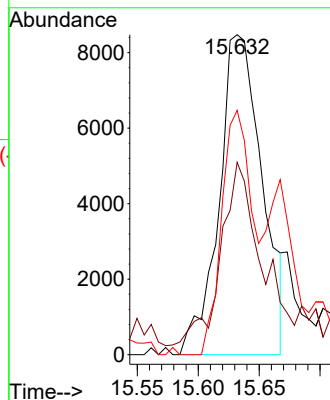
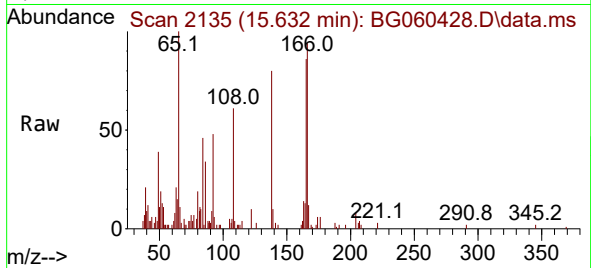




#63
4-Nitroaniline
Concen: 3.195 ng/ul
RT: 15.632 min Scan# 2134
Delta R.T. 0.004 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

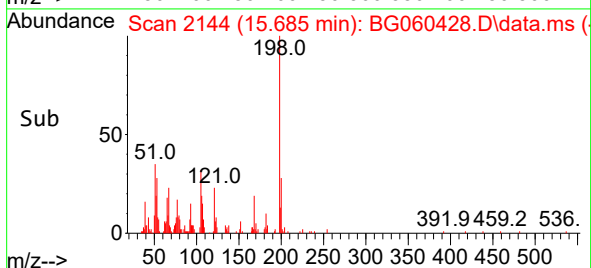
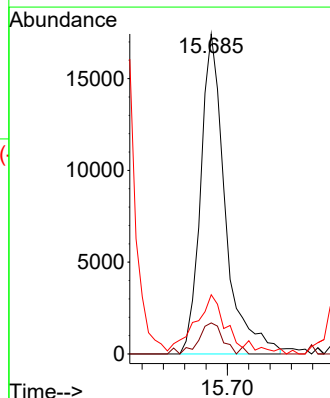
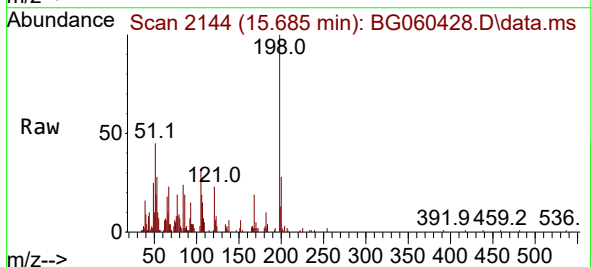
Instrument :
BNA_G
ClientSampleId :
SSTD005448

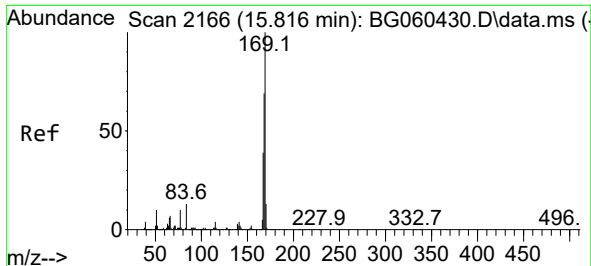
Tgt Ion:138 Resp: 20922
Ion Ratio Lower Upper
138 100
92 60.1 45.5 68.3
108 76.4 51.8 77.6



#66
4,6-Dinitro-2-methylphenol
Concen: 3.260 ng/ul
RT: 15.685 min Scan# 2144
Delta R.T. -0.002 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

Tgt Ion:198 Resp: 27921
Ion Ratio Lower Upper
198 100
182 9.7 4.1 6.1#
77 18.5 13.0 19.6

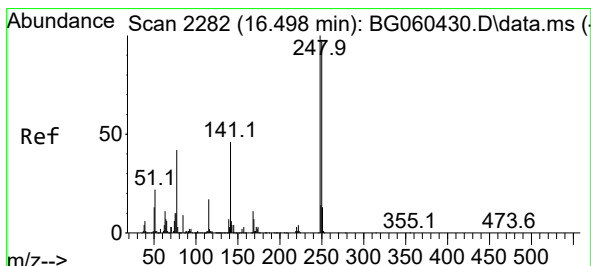
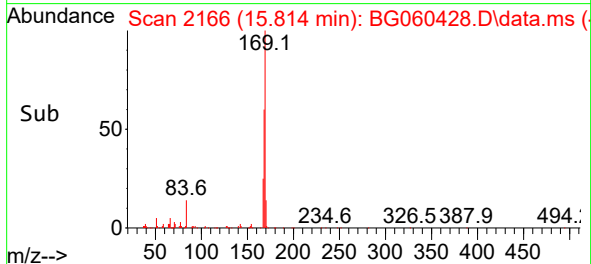
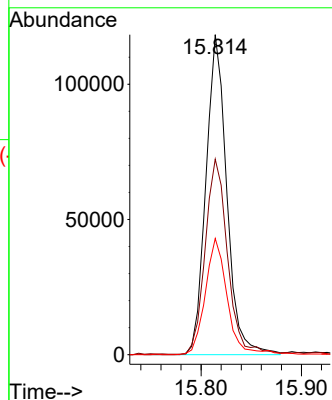
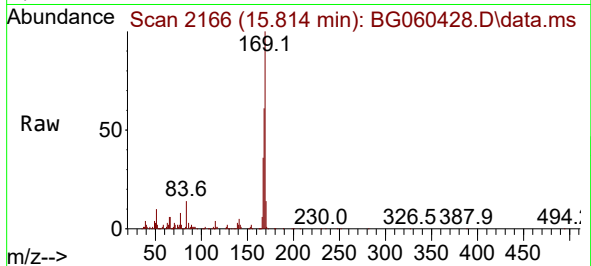




#67
N-Nitrosodiphenylamine
Concen: 4.774 ng/ul
RT: 15.814 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

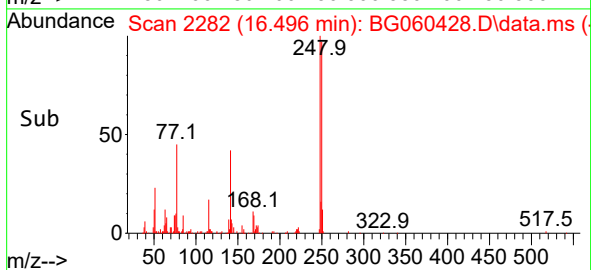
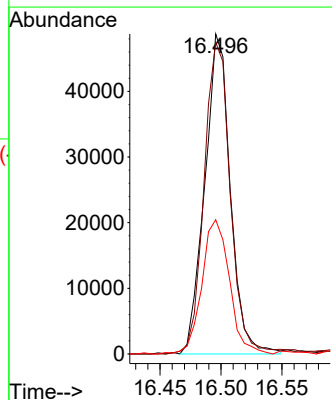
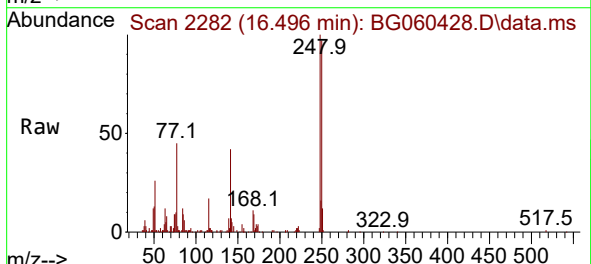
Instrument :
BNA_G
ClientSampleId :
SSTD005448

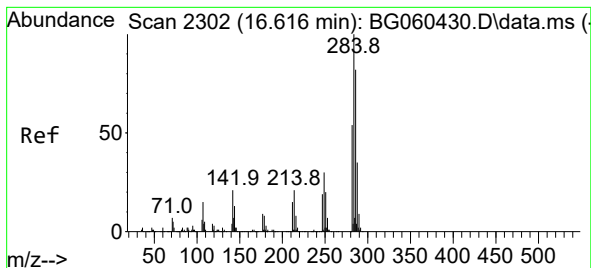
Tgt Ion:169 Resp: 171198
Ion Ratio Lower Upper
169 100
168 61.1 55.4 83.0
167 36.3 31.0 46.4



#68
4-Bromophenyl-phenylether
Concen: 4.639 ng/ul
RT: 16.496 min Scan# 2282
Delta R.T. -0.002 min
Lab File: BG060428.D
Acq: 25 Jan 2024 18:15

Tgt Ion:248 Resp: 71254
Ion Ratio Lower Upper
248 100
250 97.4 77.3 115.9
141 42.0 36.5 54.7





#69

Hexachlorobenzene

Concen: 4.656 ng/ul

RT: 16.613 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

Instrument :

BNA_G

ClientSampleId :

SSTD005448

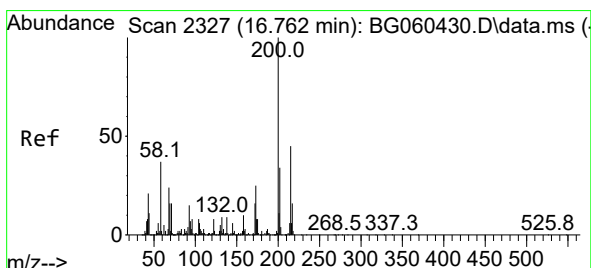
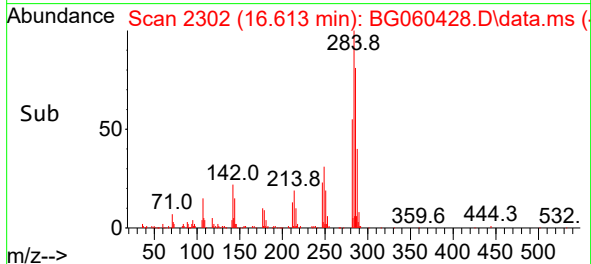
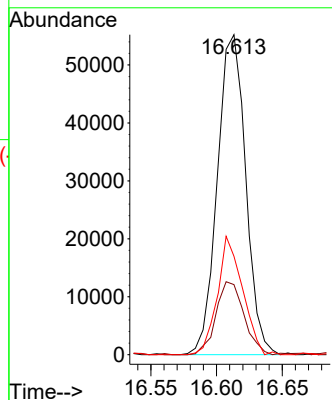
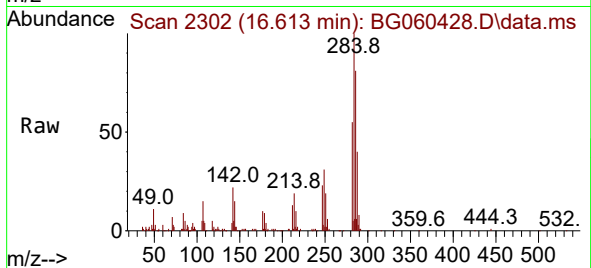
Tgt Ion:284 Resp: 82969

Ion Ratio Lower Upper

284 100

142 20.6 17.1 25.7

249 29.0 24.1 36.1



#70

Atrazine

Concen: 4.646 ng/ul

RT: 16.760 min Scan# 2327

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

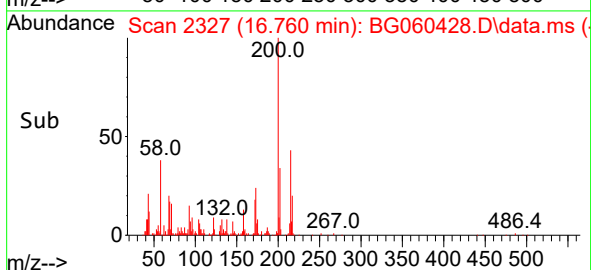
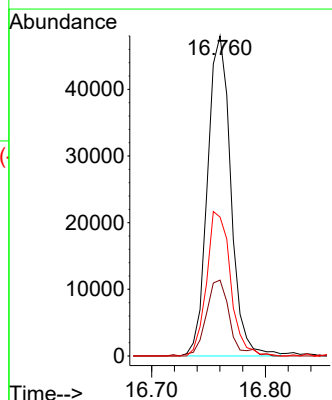
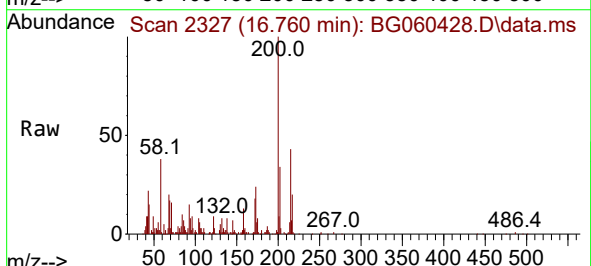
Tgt Ion:200 Resp: 68499

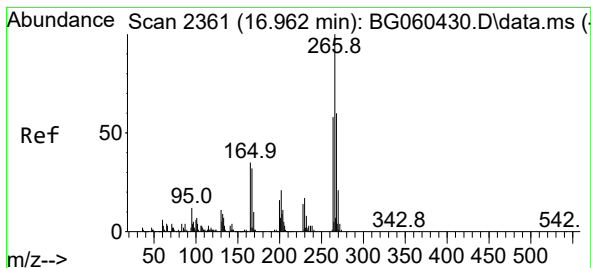
Ion Ratio Lower Upper

200 100

173 23.7 20.3 30.5

215 43.4 36.3 54.5





#71

Pentachlorophenol

Concen: 3.120 ng/ul

RT: 16.960 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

Instrument :

BNA_G

ClientSampleId :

SSTD005448

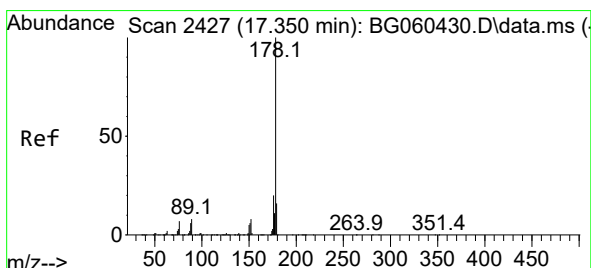
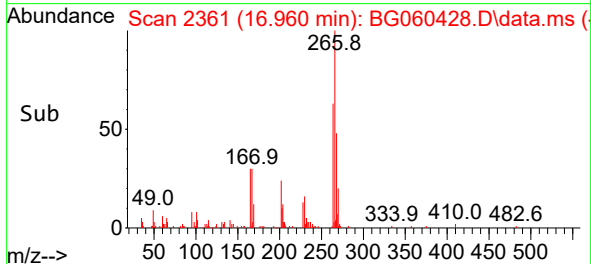
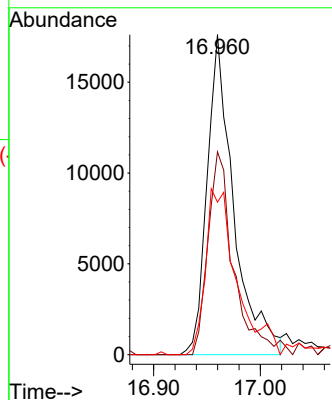
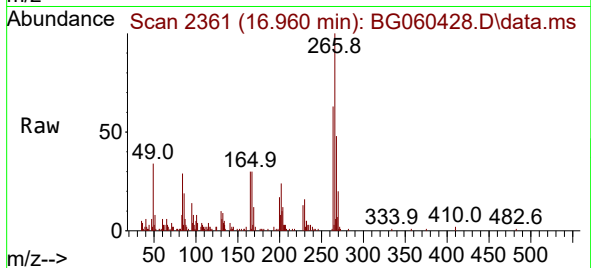
Tgt Ion:266 Resp: 30614

Ion Ratio Lower Upper

266 100

264 63.4 47.0 70.6

268 47.6 48.2 72.2#



#72

Phenanthrene

Concen: 4.976 ng/ul

RT: 17.348 min Scan# 2427

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

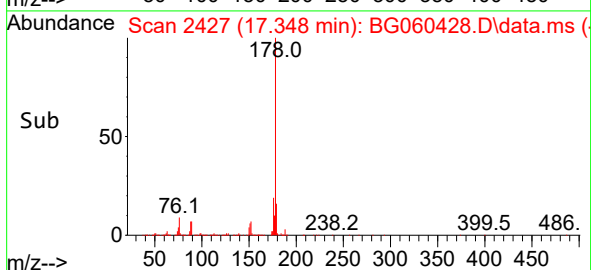
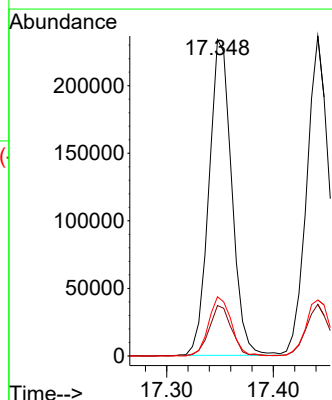
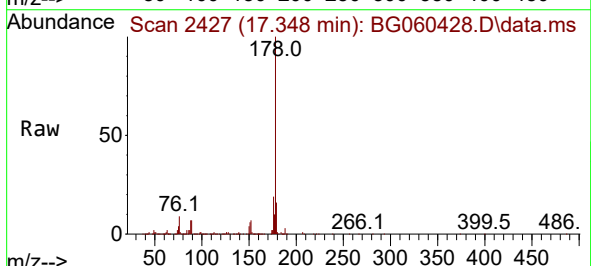
Tgt Ion:178 Resp: 345945

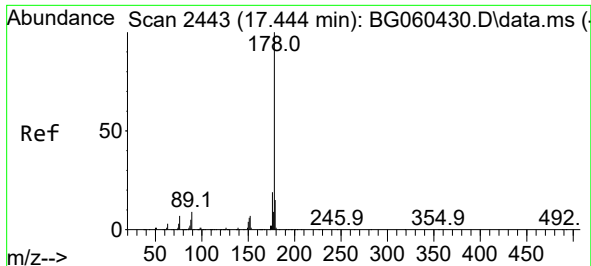
Ion Ratio Lower Upper

178 100

179 15.9 12.7 19.1

176 18.7 15.7 23.5

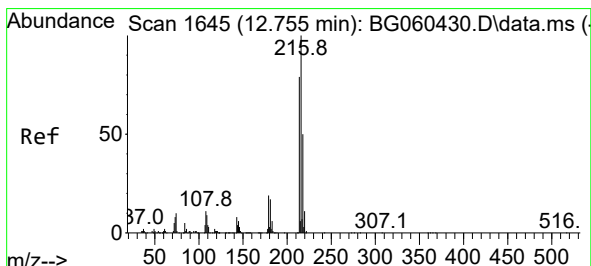
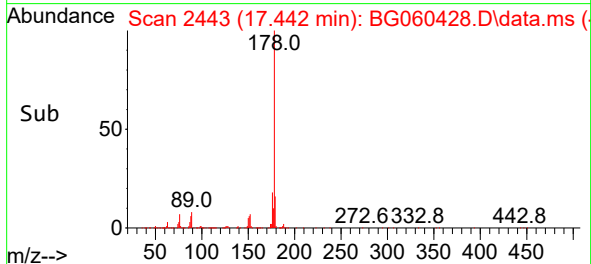
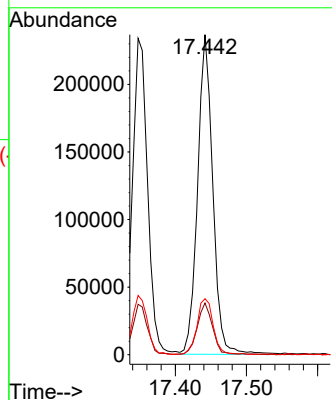
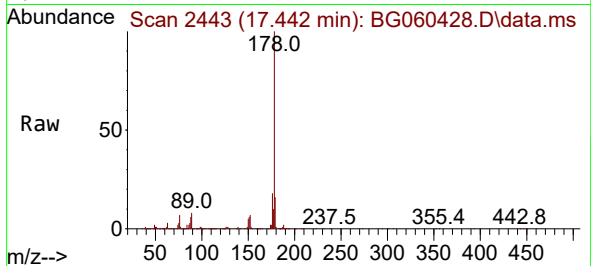




#74
 Anthracene
 Concen: 4.986 ng/uI
 RT: 17.442 min Scan# 2443
 Delta R.T. -0.002 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

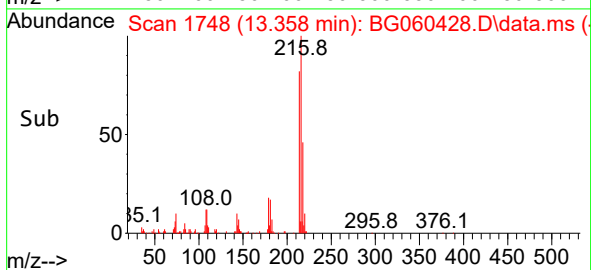
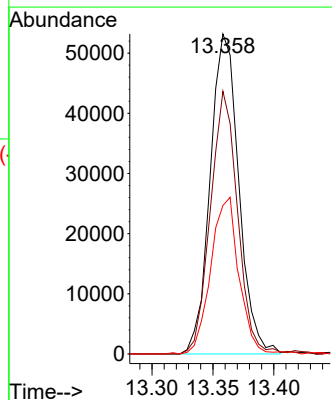
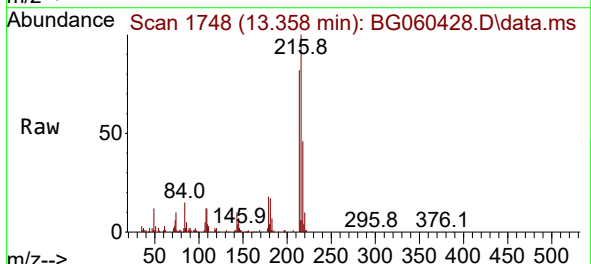
Instrument :
 BNA_G
 ClientSampleId :
 SSTD005448

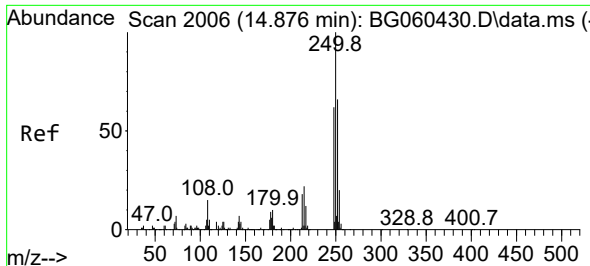
Tgt Ion:178 Resp: 353176
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.2 18.2
 176 17.5 15.5 23.3



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.496 ng/uL
 RT: 13.358 min Scan# 1748
 Delta R.T. -0.002 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

Tgt Ion:216 Resp: 86997
 Ion Ratio Lower Upper
 216 100
 214 82.1 63.0 94.4
 218 46.4 39.8 59.6

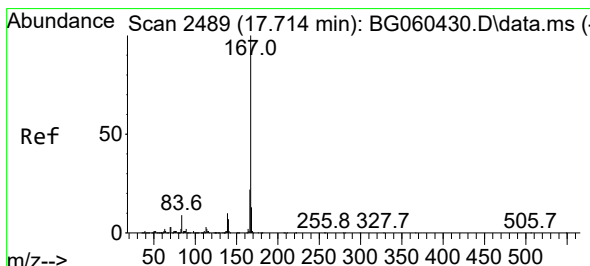
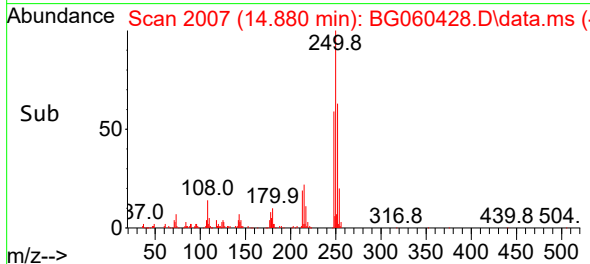
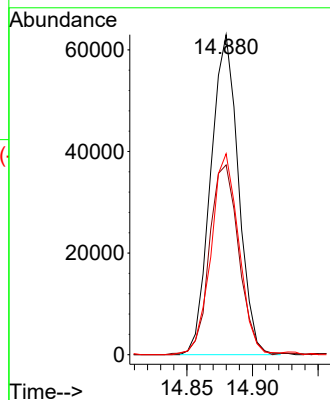
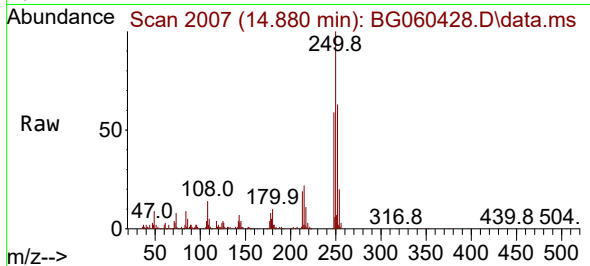




#76
 Pentachlorobenzene
 Concen: 4.597 ng/uL
 RT: 14.880 min Scan# 2006
 Delta R.T. 0.004 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

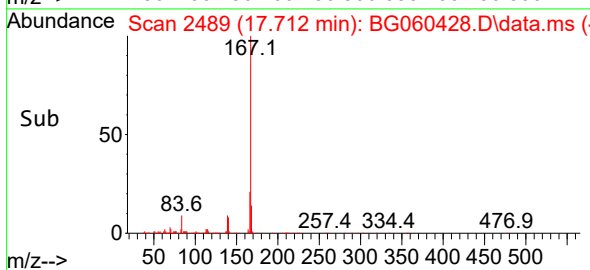
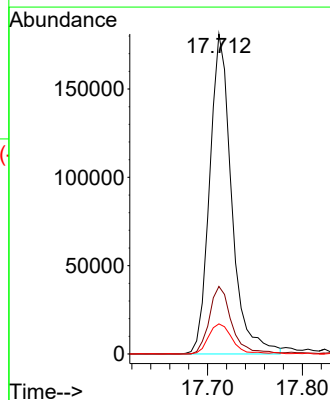
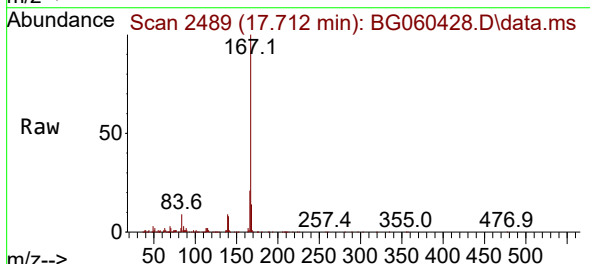
Instrument :
 BNA_G
 ClientSampleId :
 SSTD005448

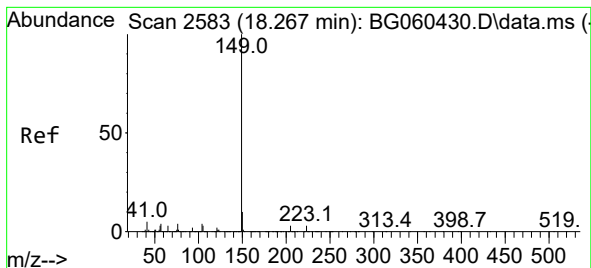
Tgt Ion:250 Resp: 92592
 Ion Ratio Lower Upper
 250 100
 248 59.3 49.8 74.6
 252 62.8 52.6 79.0



#77
 Carbazole
 Concen: 4.994 ng/uL
 RT: 17.712 min Scan# 2489
 Delta R.T. -0.002 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

Tgt Ion:167 Resp: 292159
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.6 26.4
 139 9.4 8.0 12.0





#78

Di-n-butylphthalate

Concen: 5.049 ng/ul

RT: 18.270 min Scan# 2583

Delta R.T. 0.004 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

Instrument :

BNA_G

ClientSampleId :

SSTD005448

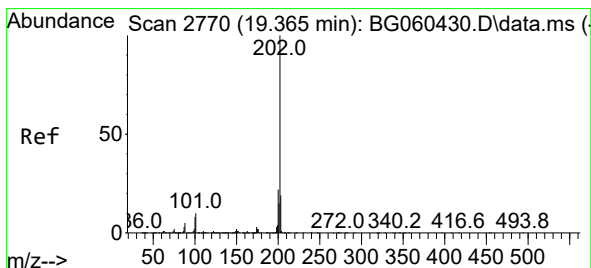
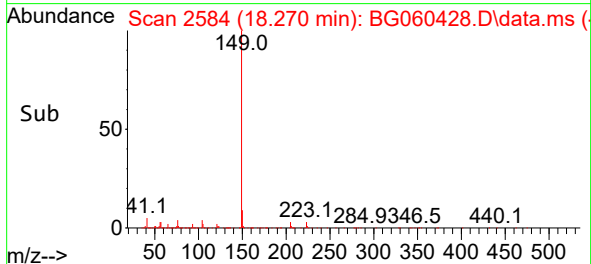
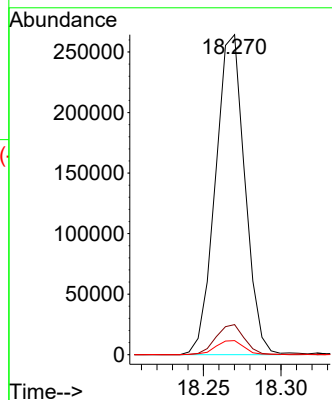
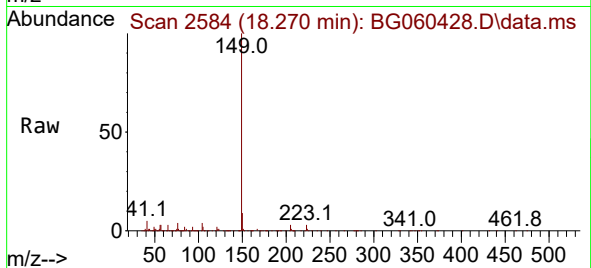
Tgt Ion:149 Resp: 348227

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 4.4 3.4 5.0



#80

Fluoranthene

Concen: 5.074 ng/ul

RT: 19.363 min Scan# 2770

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

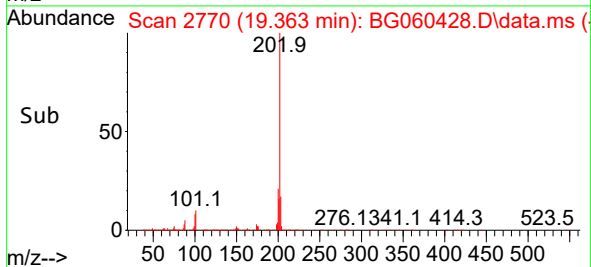
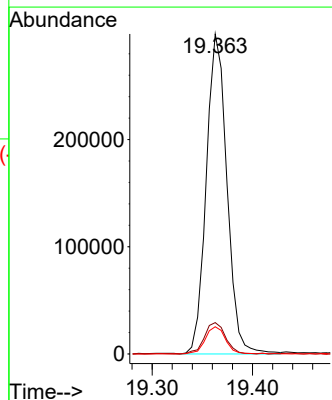
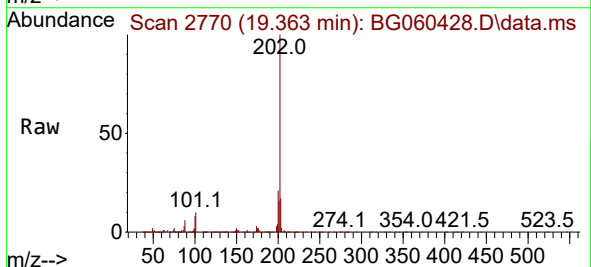
Tgt Ion:202 Resp: 427934

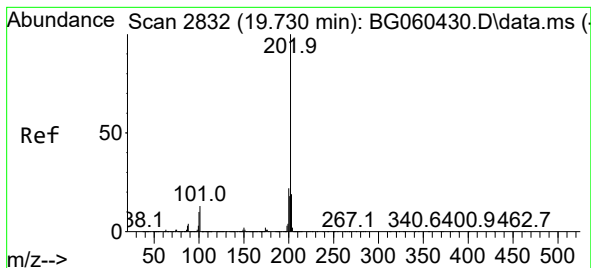
Ion Ratio Lower Upper

202 100

101 9.8 7.9 11.9

100 8.5 6.4 9.6





#82

Pyrene

Concen: 5.180 ng/ul

RT: 19.727 min Scan# 2832

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

Instrument :

BNA_G

ClientSampleId :

SSTD005448

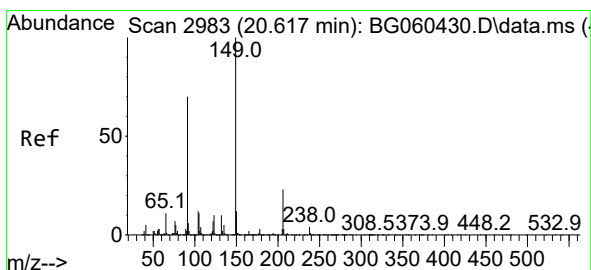
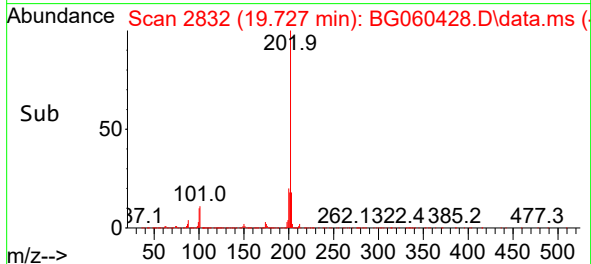
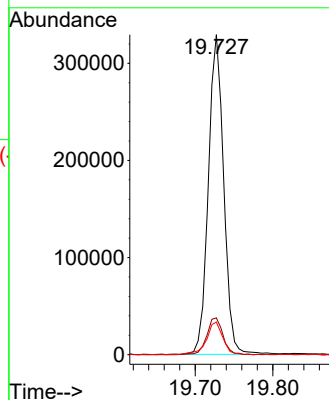
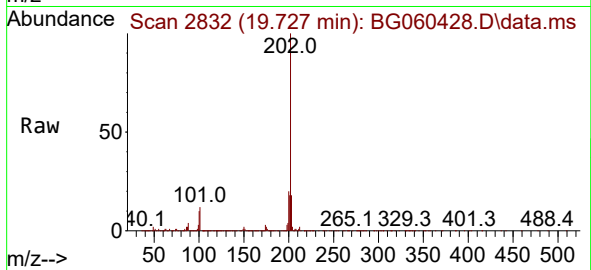
Tgt Ion:202 Resp: 454685

Ion Ratio Lower Upper

202 100

101 11.5 10.0 15.0

100 10.2 8.4 12.6



#83

Butylbenzylphthalate

Concen: 4.567 ng/ul

RT: 20.614 min Scan# 2983

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

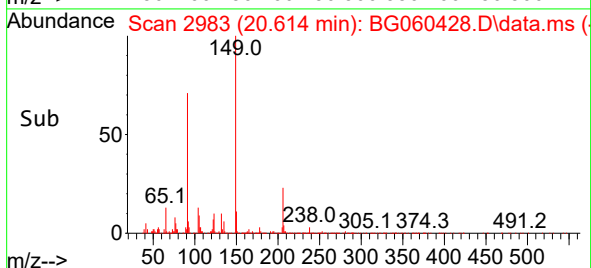
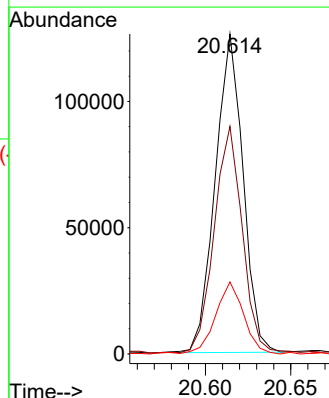
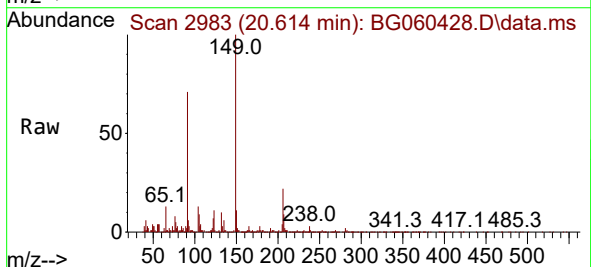
Tgt Ion:149 Resp: 142884

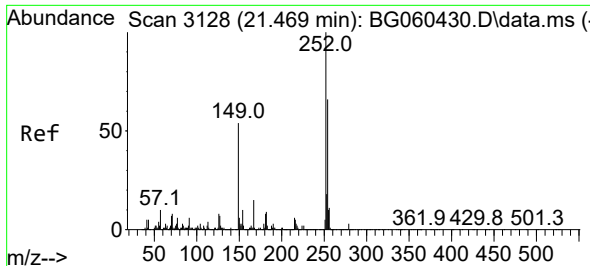
Ion Ratio Lower Upper

149 100

91 71.1 56.3 84.5

206 22.5 18.1 27.1

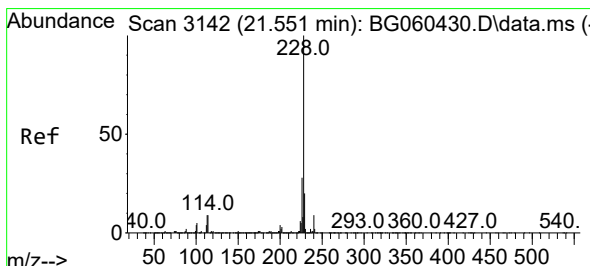
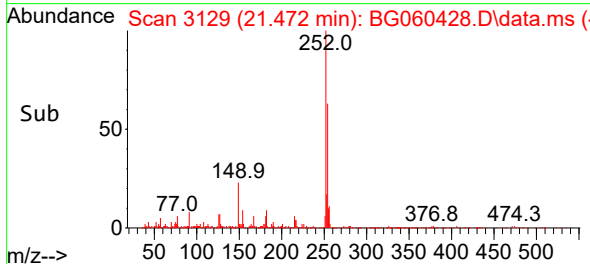
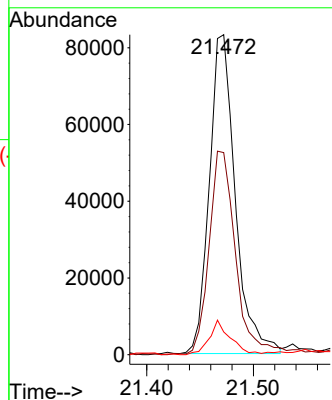
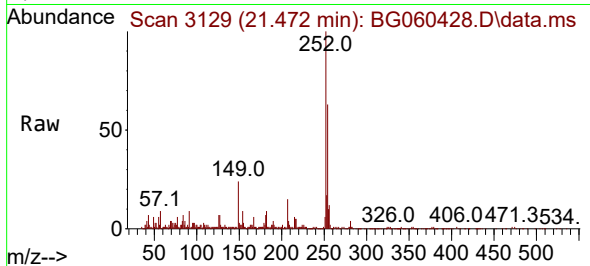




#84
 3,3'-Dichlorobenzidine
 Concen: 4.790 ng/ul
 RT: 21.472 min Scan# 3128
 Delta R.T. 0.004 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

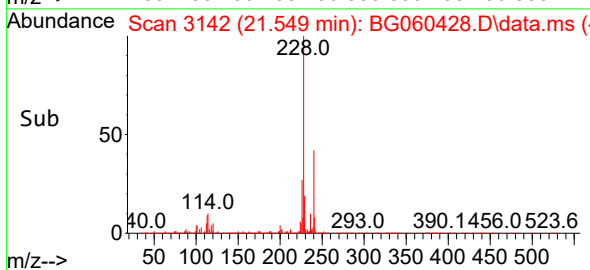
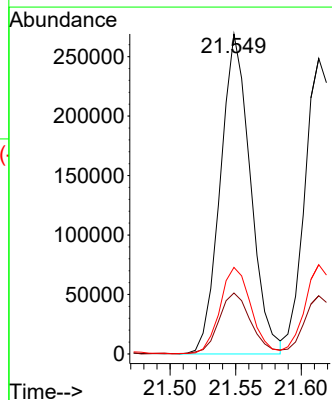
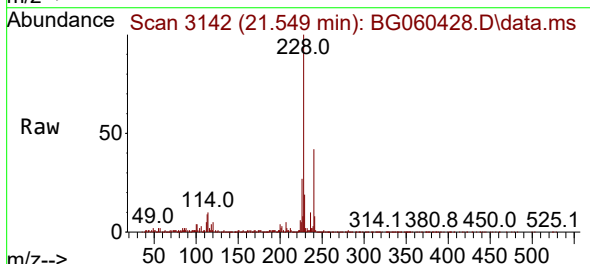
Instrument :
 BNA_G
 ClientSampleId :
 SSTD005448

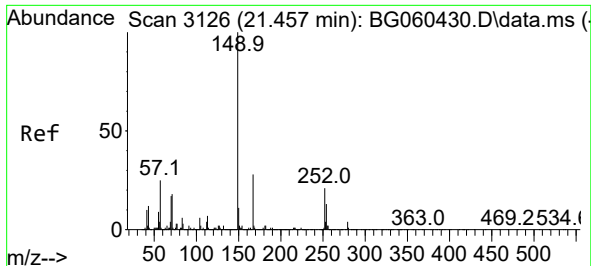
Tgt Ion:252 Resp: 140412
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.8 79.2
 126 7.1 6.2 9.4



#85
 Benzo(a)anthracene
 Concen: 4.941 ng/ul
 RT: 21.549 min Scan# 3142
 Delta R.T. -0.002 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

Tgt Ion:228 Resp: 429627
 Ion Ratio Lower Upper
 228 100
 229 19.0 16.2 24.2
 226 27.1 22.1 33.1

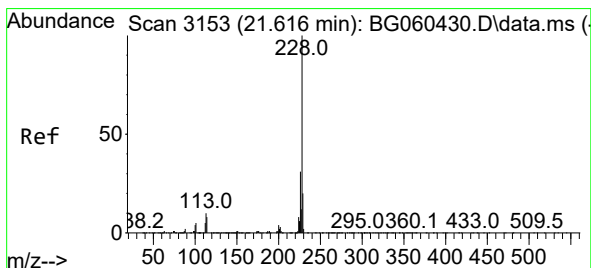
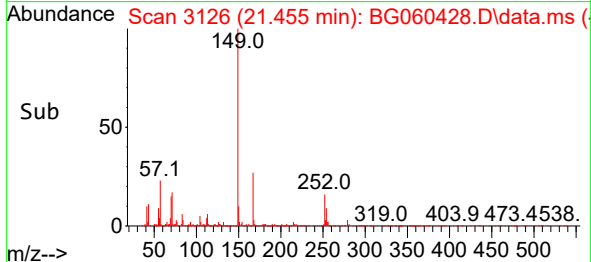
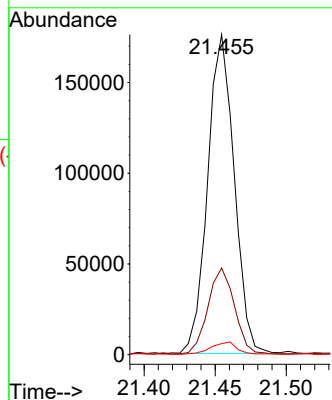
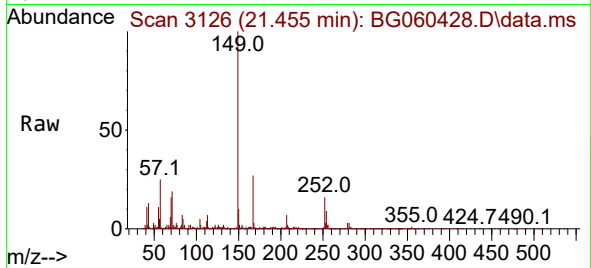




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.895 ng/ul
 RT: 21.455 min Scan# 3126
 Delta R.T. -0.002 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

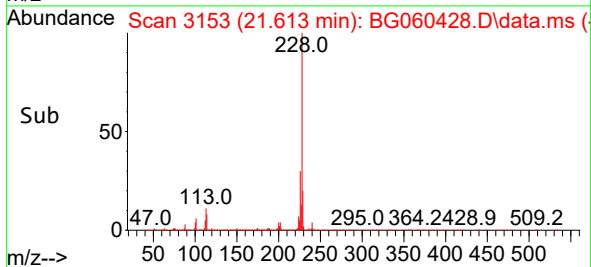
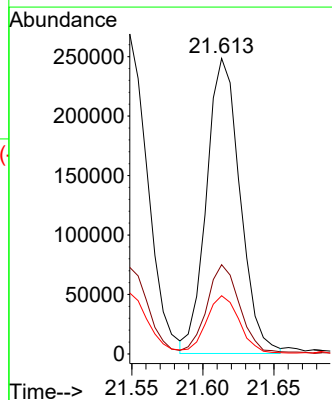
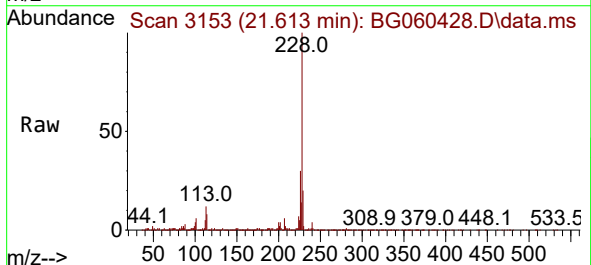
Instrument :
 BNA_G
 ClientSampleId :
 SST005448

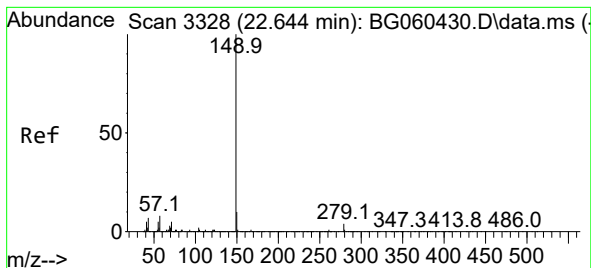
Tgt Ion:149 Resp: 228586
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.2 33.4
 279 3.4 3.0 4.4



#87
 Chrysene
 Concen: 4.985 ng/ul
 RT: 21.613 min Scan# 3153
 Delta R.T. -0.002 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

Tgt Ion:228 Resp: 407178
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 19.7 16.2 24.4





#89

Di-n-octyl phthalate

Concen: 4.984 ng/ul

RT: 22.636 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

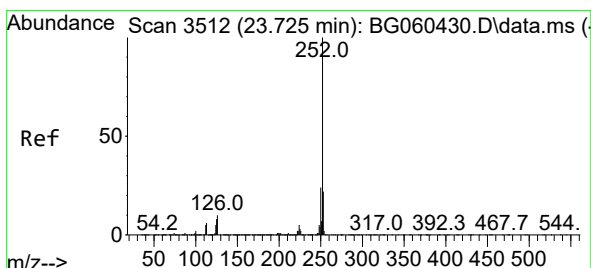
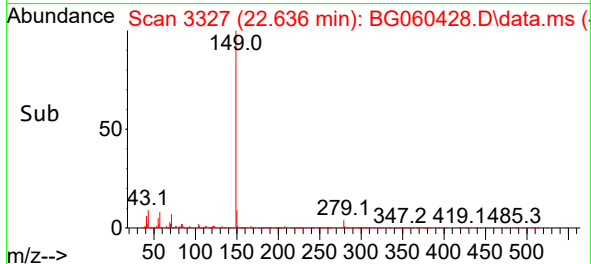
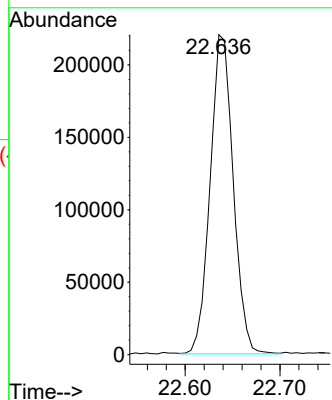
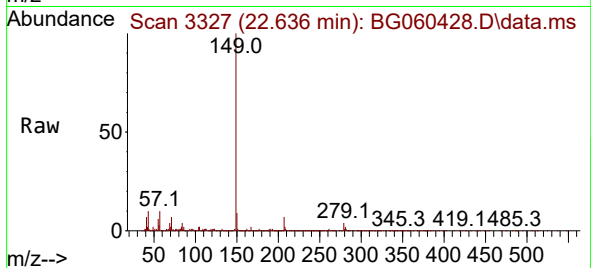
Instrument :

BNA_G

ClientSampleId :

SSTD005448

Tgt Ion:149 Resp: 372880



#90

Benzo(b)fluoranthene

Concen: 4.701 ng/ul

RT: 23.717 min Scan# 3511

Delta R.T. -0.008 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

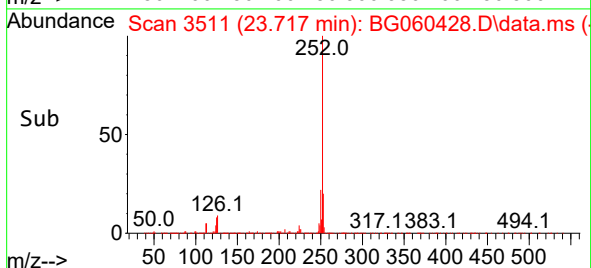
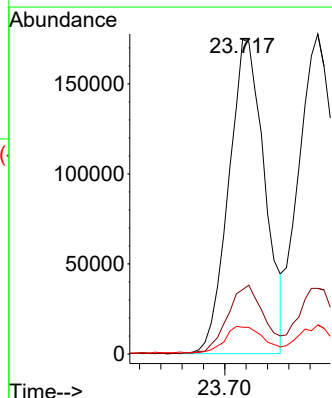
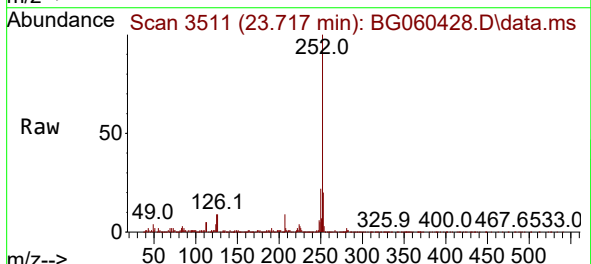
Tgt Ion:252 Resp: 408991

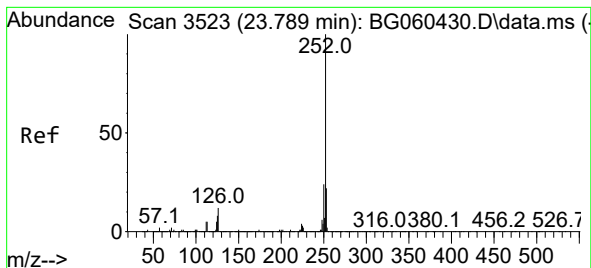
Ion Ratio Lower Upper

252 100

253 20.4 18.0 27.0

125 8.5 6.2 9.4





#91

Benzo(k)fluoranthene

Concen: 4.776 ng/ul

RT: 23.787 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

Instrument :

BNA_G

ClientSampleId :

SSTD005448

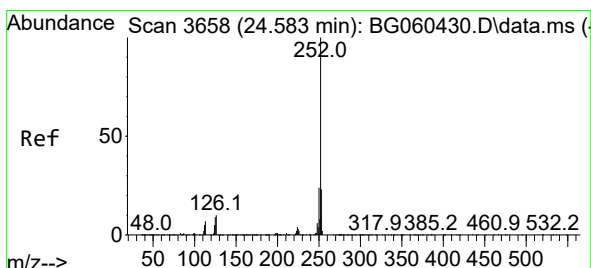
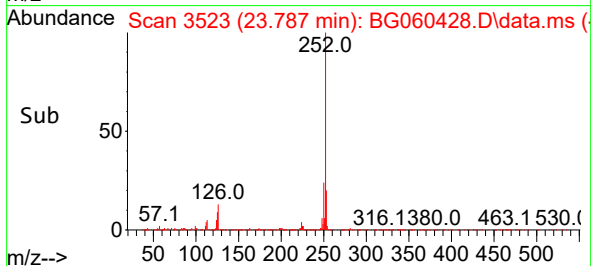
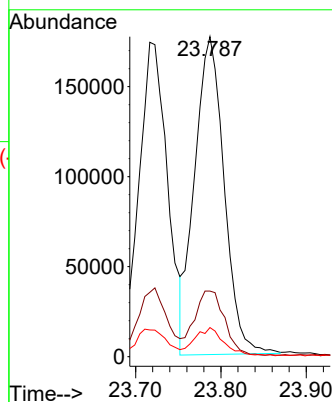
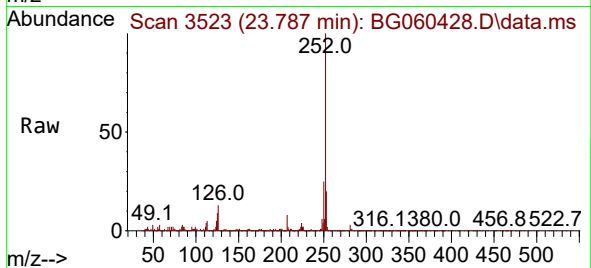
Tgt Ion:252 Resp: 424168

Ion Ratio Lower Upper

252 100

253 20.5 17.8 26.8

125 9.1 6.8 10.2



#93

Benzo(a)pyrene

Concen: 4.681 ng/ul

RT: 24.580 min Scan# 3658

Delta R.T. -0.002 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

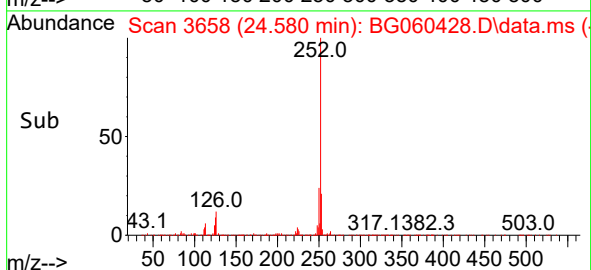
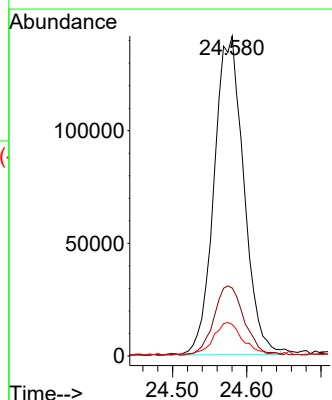
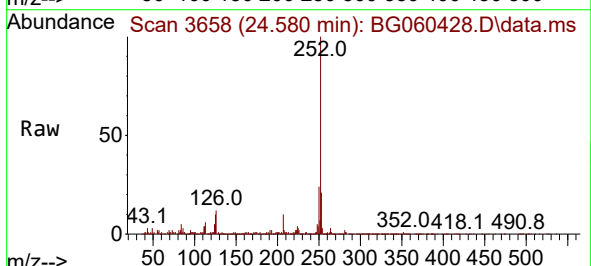
Tgt Ion:252 Resp: 391761

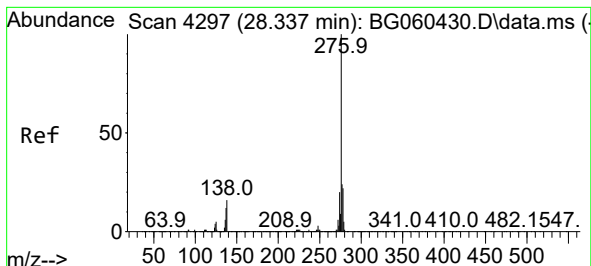
Ion Ratio Lower Upper

252 100

253 21.3 18.3 27.5

125 9.9 7.4 11.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.583 ng/ul

RT: 28.317 min Scan# 4304

Delta R.T. -0.020 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

Instrument :

BNA_G

ClientSampleId :

SSTD005448

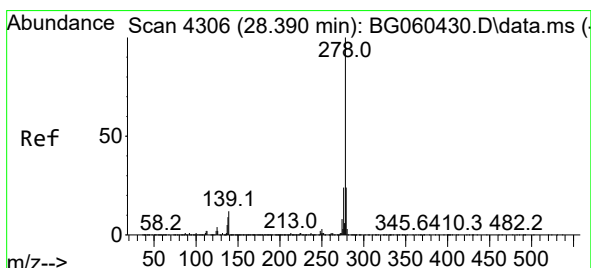
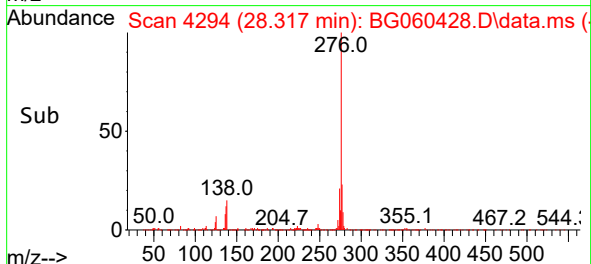
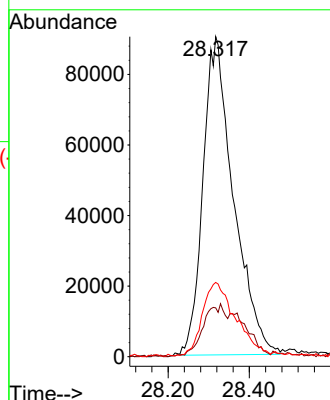
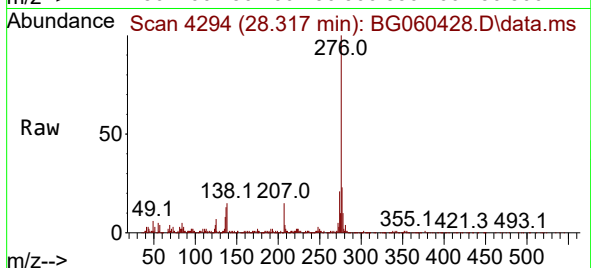
Tgt Ion:276 Resp: 470183

Ion Ratio Lower Upper

276 100

138 15.2 13.0 19.4

277 23.2 18.9 28.3



#95

Dibenzo(a,h)anthracene

Concen: 4.691 ng/ul

RT: 28.376 min Scan# 4304

Delta R.T. -0.014 min

Lab File: BG060428.D

Acq: 25 Jan 2024 18:15

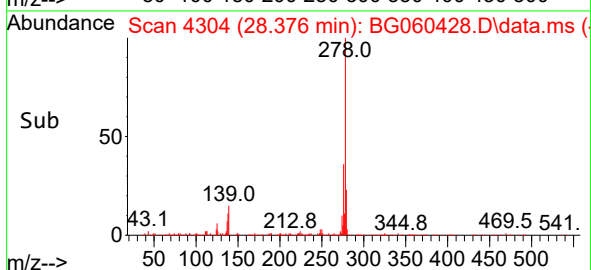
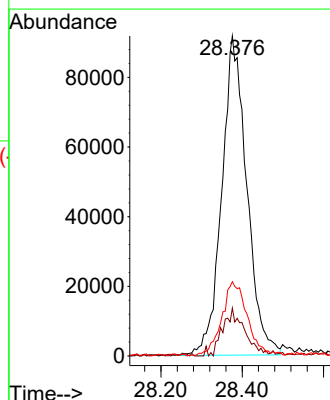
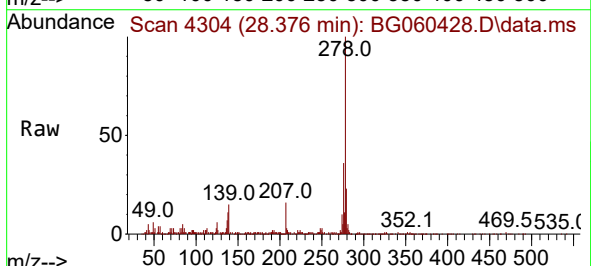
Tgt Ion:278 Resp: 392706

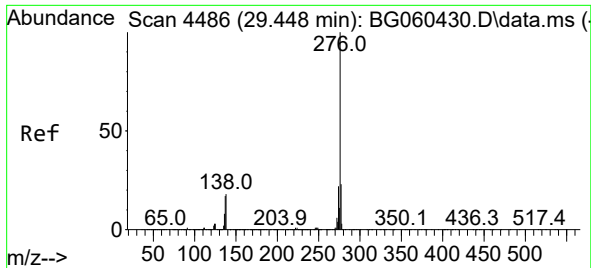
Ion Ratio Lower Upper

278 100

139 15.0 9.9 14.9#

279 23.2 18.9 28.3





#96
 Benzo(g,h,i)perylene
 Concen: 4.672 ng/ul
 RT: 29.445 min Scan# 44
 Delta R.T. -0.002 min
 Lab File: BG060428.D
 Acq: 25 Jan 2024 18:15

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005448

Tgt Ion:276 Resp: 388149
 Ion Ratio Lower Upper
 276 100
 138 16.1 14.6 22.0
 277 23.0 18.3 27.5

