

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012624\
 Data File : BG060431.D
 Acq On : 25 Jan 2024 20:17
 Operator : MA/JU
 Sample : SST04076
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST040402

Quant Time: Jan 26 05:41:31 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	7.926	152	157800	20.000	ng/u1	0.00
20) Naphthalene-d8	10.729	136	709964	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.560	164	512786	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.309	188	1218209	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	1154040	20.000	ng/u1	0.00
88) Perylene-d12	24.730	264	1267962	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	54052	17.164	ng/uL	0.00
4) Pyridine-d5	3.772	84	420037	42.166	ng/u1	0.00
7) Phenol-d5	7.086	99	623818	41.625	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.250	67	394153	41.853	ng/u1	0.00
11) 2-Chlorophenol-d4	7.456	132	431900	43.156	ng/u1	0.00
15) 4-Methylphenol-d8	8.631	113	524654	42.500	ng/u1	0.00
21) Nitrobenzene-d5	9.084	128	233791	44.629	ng/u1	0.00
24) 2-Nitrophenol-d4	9.806	143	277041	45.277	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.347	165	561687	44.140	ng/u1	0.00
31) 4-Chloroaniline-d4	10.864	131	700723	41.976	ng/u1	0.00
46) Dimethylphthalate-d6	13.966	166	1730697	41.246	ng/u1	0.00
49) Acenaphthylene-d8	14.254	160	2017697	42.868	ng/u1	0.00
54) 4-Nitrophenol-d4	14.765	143	260561	43.355	ng/u1	0.00
60) Fluorene-d10	15.552	176	1533948	41.722	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.676	200	313637	41.578	ng/u1	0.00
73) Anthracene-d10	17.409	188	2453905	42.493	ng/u1	0.00
81) Pyrene-d10	19.701	212	2869621	41.488	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.513	264	2888482	43.426	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.396	88	56303	16.608	ng/uL	98
5) Pyridine	3.790	79	423630	41.829	ng/u1	97
6) Benzaldehyde	7.062	77	252014	44.239	ng/u1	97
8) Phenol	7.115	94	662613	42.298	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.344	93	527100	42.244	ng/u1	99
12) 2-Chlorophenol	7.491	128	444962	43.102	ng/u1	99
13) 2-Methylphenol	8.367	108	498719	41.196	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.449	45	691285	41.980	ng/u1	99
16) Acetophenone	8.749	105	839701	42.683	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.731	70	461111	43.466	ng/u1	98
18) 4-Methylphenol	8.696	108	560603	43.068	ng/u1	96
19) Hexachloroethane	9.001	117	193444	42.382	ng/u1	95
22) Nitrobenzene	9.131	77	628321	43.858	ng/u1	97
23) Isophorone	9.648	82	1300796	41.880	ng/u1	99
25) 2-Nitrophenol	9.842	139	290555	46.712	ng/u1	96
26) 2,4-Dimethylphenol	9.900	107	554828	43.227	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.129	93	778084	44.006	ng/u1	99
29) 2,4-Dichlorophenol	10.376	162	542282	44.333	ng/u1	97
30) Naphthalene	10.776	128	1639864	42.807	ng/u1	98
32) 4-Chloroaniline	10.887	127	695628	42.473	ng/u1	96
33) Hexachlorobutadiene	11.058	225	436048	42.931	ng/u1	96
34) Caprolactam	11.651	113	66892	16.482	ng/u1	96
35) 4-Chloro-3-methylphenol	12.010	107	544861	44.429	ng/u1	98
36) 2-Methylnaphthalene	12.386	142	1150335	42.715	ng/u1	98

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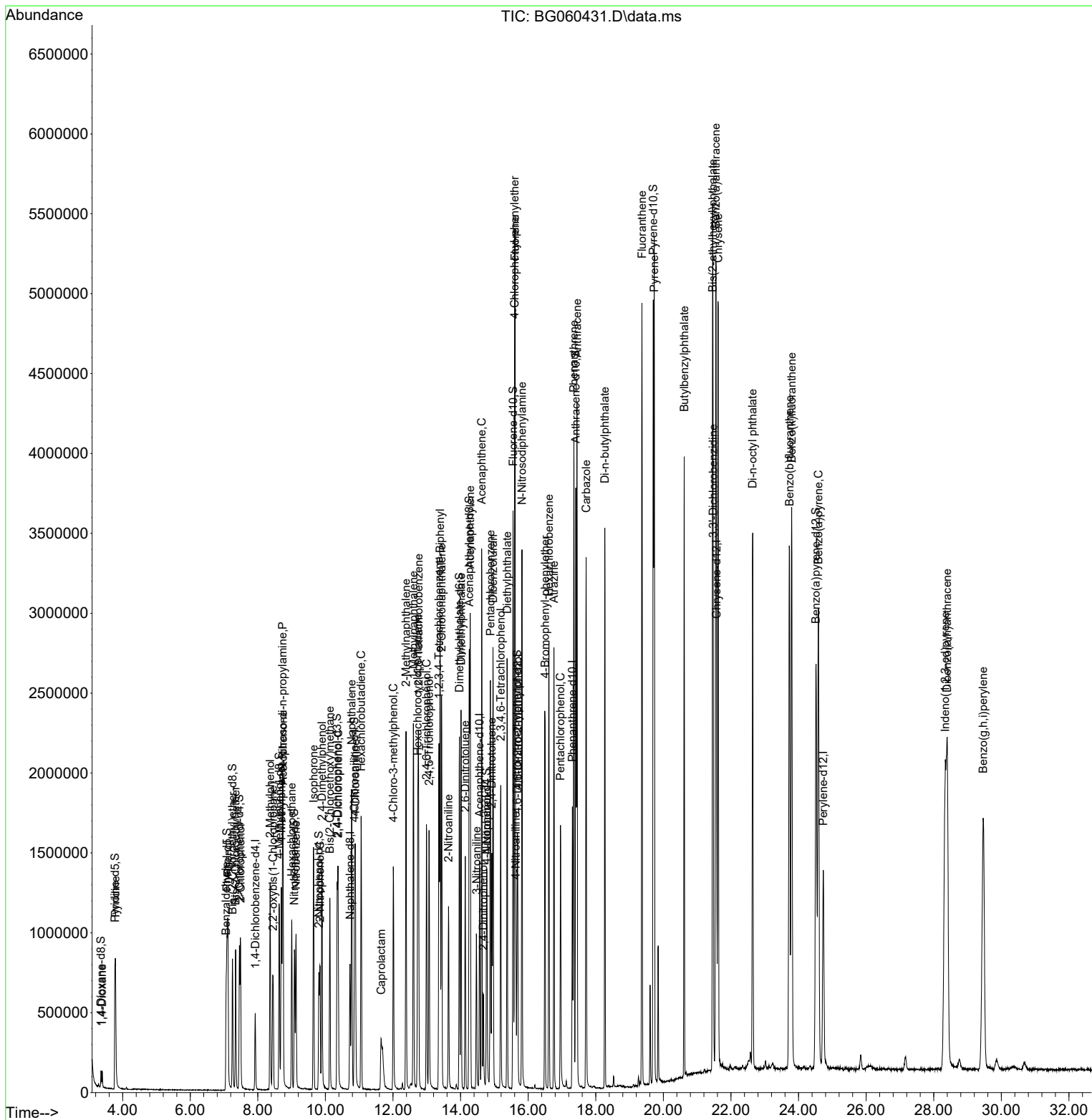
Instrument :
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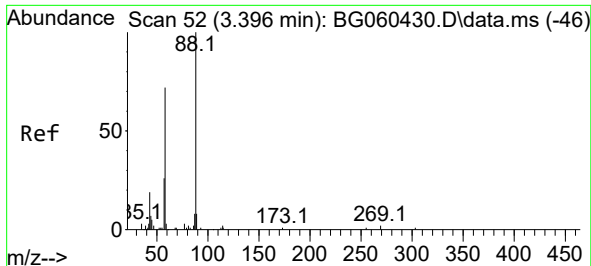
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.603	142	1144249	42.040	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.756	216	815626	43.703	ng/ul	98
40) Hexachlorocyclopentadiene	12.732	237	481316	42.650	ng/ul	98
41) 2,4,6-Trichlorophenol	12.991	196	510046	44.833	ng/ul	98
42) 2,4,5-Trichlorophenol	13.067	196	539255	44.858	ng/ul	99
43) 1,1'-Biphenyl	13.396	154	1657303	43.629	ng/ul	99
44) 2-Chloronaphthalene	13.437	162	1393561	43.452	ng/ul	99
45) 2-Nitroaniline	13.643	65	355537	44.044	ng/ul	97
47) Dimethylphthalate	14.013	163	1750908	41.804	ng/ul	99
48) 2,6-Dinitrotoluene	14.136	165	350006	44.311	ng/ul	98
50) Acenaphthylene	14.283	152	2214062	42.638	ng/ul	98
51) 3-Nitroaniline	14.471	138	278897	42.003	ng/ul#	99
52) Acenaphthene	14.624	153	1468727	42.403	ng/ul	99
53) 2,4-Dinitrophenol	14.677	184	183274	42.510	ng/ul	94
55) 4-Nitrophenol	14.783	109	171925	42.017	ng/ul	93
56) Dibenzofuran	14.959	168	2051768	41.958	ng/ul	95
57) 2,4-Dinitrotoluene	14.924	165	505485	43.671	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.188	232	491072	43.955	ng/ul#	95
59) Diethylphthalate	15.376	149	1628570	40.439	ng/ul	99
61) Fluorene	15.611	166	1663641	41.469	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.599	204	920862	41.585	ng/ul	99
63) 4-Nitroaniline	15.635	138	272665	41.917	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.688	198	336260	42.617	ng/ul#	93
67) N-Nitrosodiphenylamine	15.817	169	1443090	43.674	ng/ul	98
68) 4-Bromophenyl-phenylether	16.498	248	615615	43.499	ng/ul	99
69) Hexachlorobenzene	16.616	284	707800	43.115	ng/ul	98
70) Atrazine	16.763	200	576607	42.449	ng/ul	99
71) Pentachlorophenol	16.957	266	377010	41.697	ng/ul	91
72) Phenanthrene	17.350	178	2732493	42.662	ng/ul	98
74) Anthracene	17.444	178	2800515	42.908	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.361	216	799598	44.853	ng/ul	97
76) Pentachlorobenzene	14.883	250	823846	44.390	ng/ul	97
77) Carbazole	17.715	167	2368973	43.947	ng/ul	97
78) Di-n-butylphthalate	18.267	149	2691060	42.347	ng/ul	98
80) Fluoranthene	19.366	202	3190313	41.333	ng/ul	96
82) Pyrene	19.730	202	3284878	40.892	ng/ul	98
83) Butylbenzylphthalate	20.617	149	1243360	43.425	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.475	252	1192872	44.466	ng/ul	98
85) Benzo(a)anthracene	21.551	228	3370038	42.349	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.457	149	1830179	42.823	ng/ul	99
87) Chrysene	21.622	228	3141737	42.029	ng/ul	97
89) Di-n-octyl phthalate	22.644	149	3113491	46.013	ng/ul	100
90) Benzo(b)fluoranthene	23.731	252	3391469	43.104	ng/ul	99
91) Benzo(k)fluoranthene	23.796	252	3475672	43.269	ng/ul	98
93) Benzo(a)pyrene	24.589	252	3309398	43.721	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.337	276	4026249	43.392	ng/ul	100
95) Dibenzo(a,h)anthracene	28.396	278	3208060	42.377	ng/ul	100
96) Benzo(g,h,i)perylene	29.460	276	3236711	43.083	ng/ul	97

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

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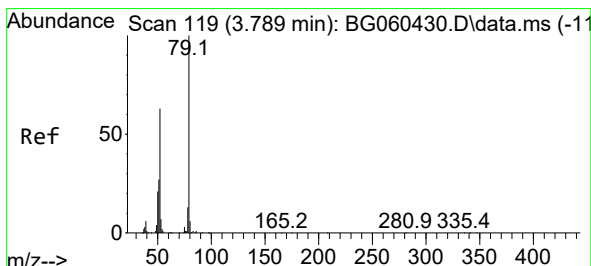
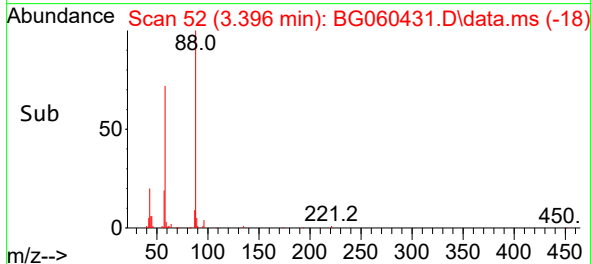
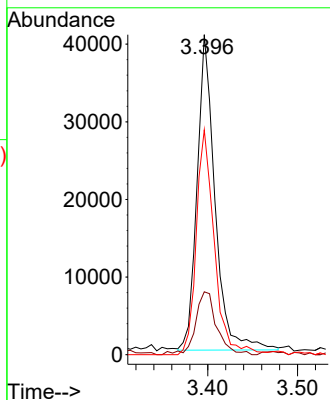
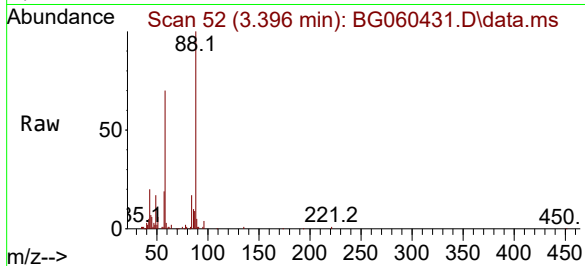




#2
1,4-Dioxane
Concen: 16.608 ng/uL
RT: 3.396 min Scan# 51
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

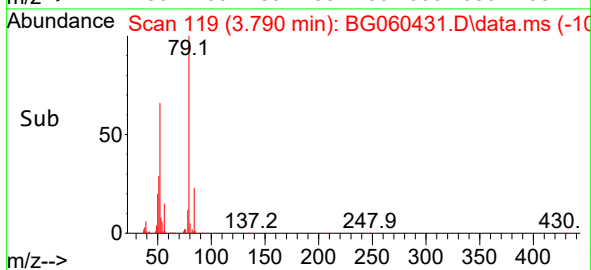
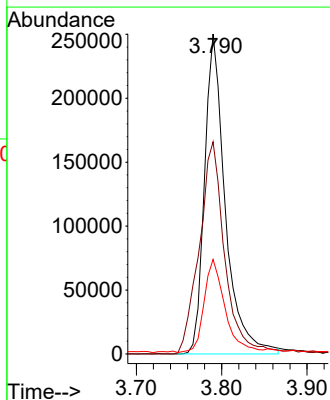
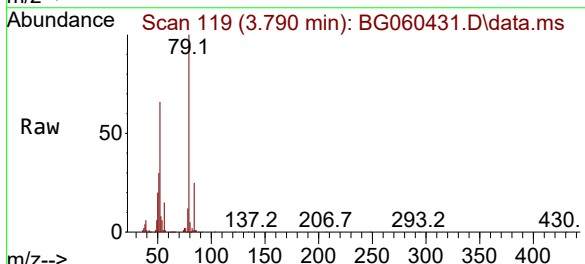
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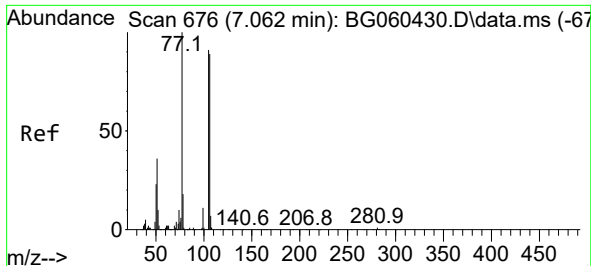
Tgt Ion: 88 Resp: 56303
Ion Ratio Lower Upper
88 100
43 19.7 15.4 23.0
58 70.2 57.8 86.8



#5
Pyridine
Concen: 41.829 ng/uL
RT: 3.790 min Scan# 119
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion: 79 Resp: 423630
Ion Ratio Lower Upper
79 100
52 66.3 55.8 83.6
51 29.6 23.1 34.7

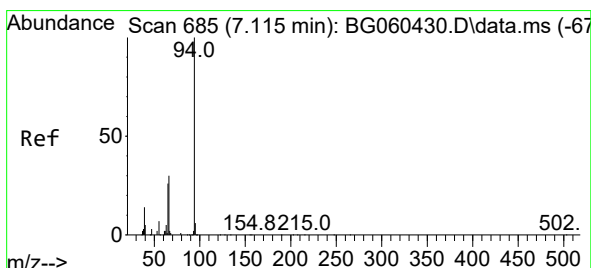
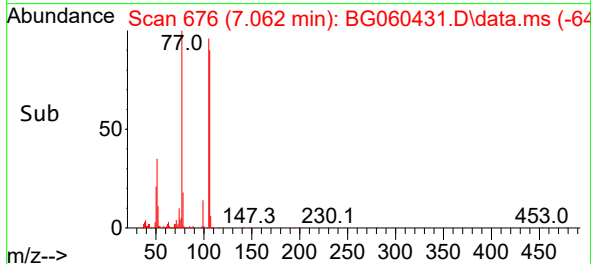
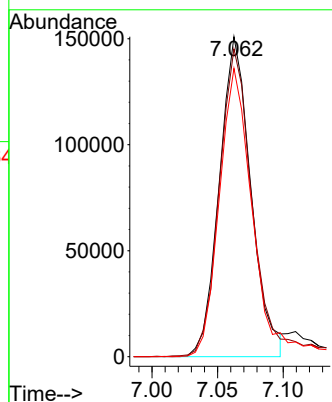
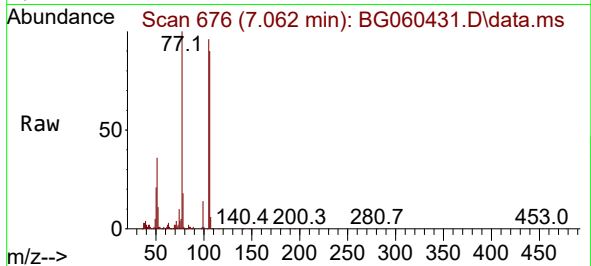




#6
Benzaldehyde
Concen: 44.239 ng/ul
RT: 7.062 min Scan# 676
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

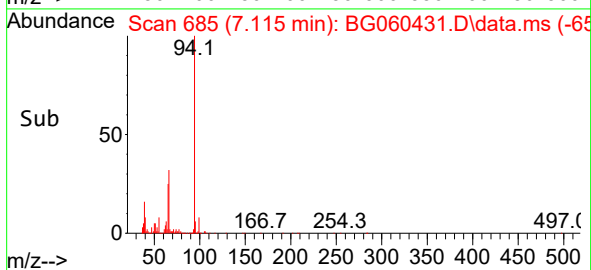
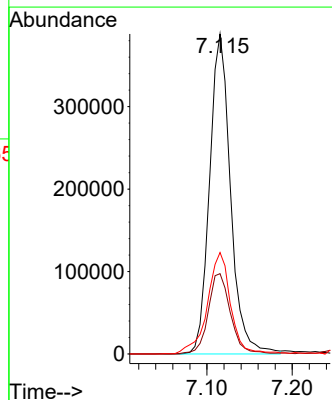
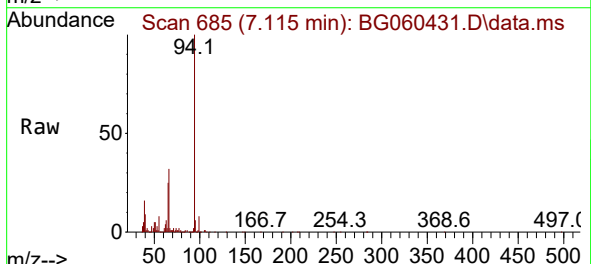
Instrument :
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ClientSampleId :
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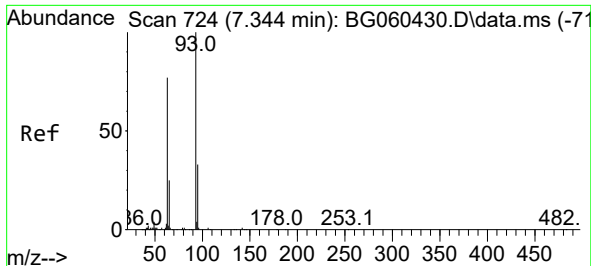
Tgt Ion: 77 Resp: 252014
Ion Ratio Lower Upper
77 100
105 96.2 73.1 109.7
106 90.1 71.1 106.7



#8
Phenol
Concen: 42.298 ng/ul
RT: 7.115 min Scan# 685
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion: 94 Resp: 662613
Ion Ratio Lower Upper
94 100
65 25.1 20.8 31.2
66 31.7 26.3 39.5

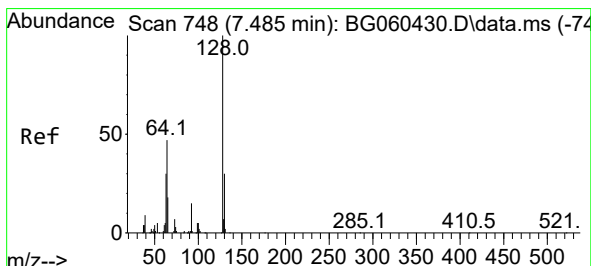
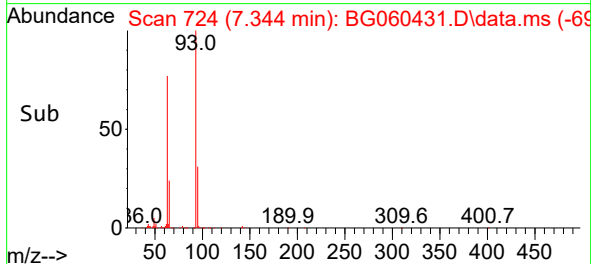
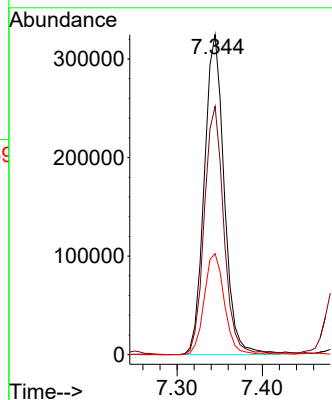
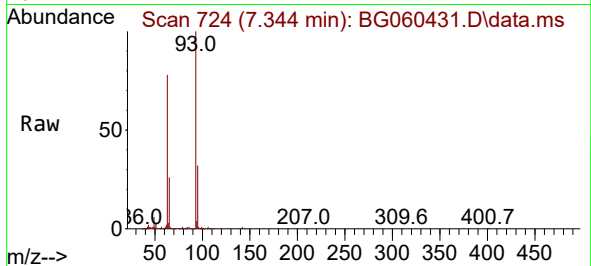




#10
Bis(2-Chloroethyl)ether
Concen: 42.244 ng/ul
RT: 7.344 min Scan# 724
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

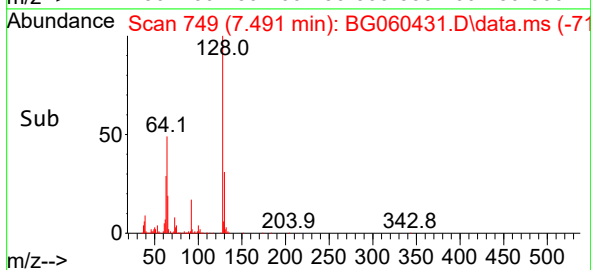
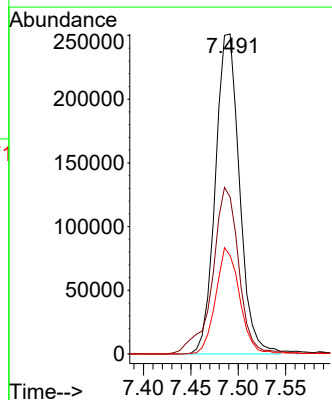
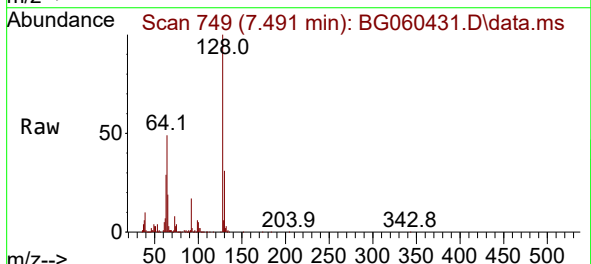
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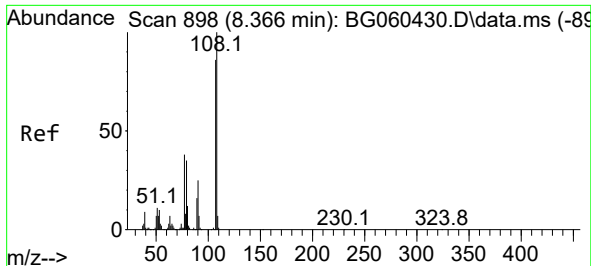
Tgt Ion: 93 Resp: 527100
Ion Ratio Lower Upper
93 100
63 77.6 61.4 92.0
95 31.6 26.2 39.2



#12
2-Chlorophenol
Concen: 43.102 ng/ul
RT: 7.491 min Scan# 749
Delta R.T. 0.006 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion:128 Resp: 444962
Ion Ratio Lower Upper
128 100
64 49.0 39.6 59.4
130 30.7 23.8 35.8

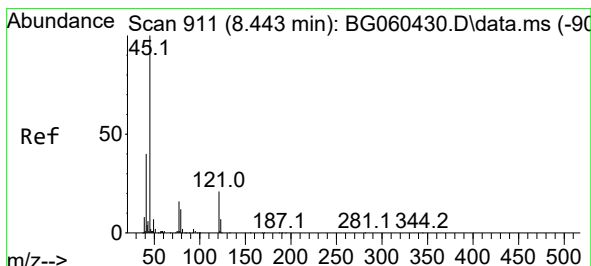
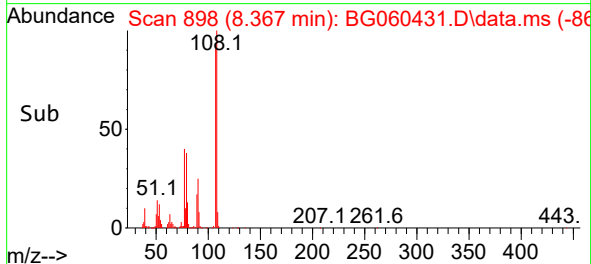
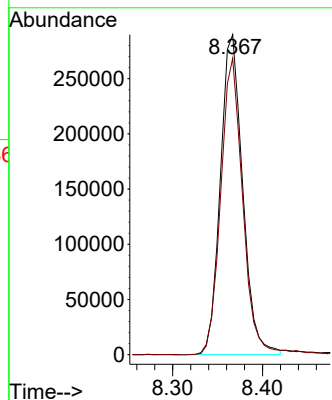
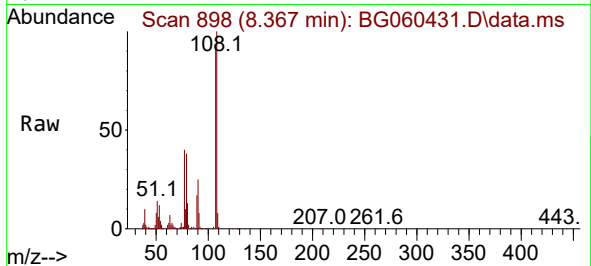




#13
2-Methylphenol
Concen: 41.196 ng/ul
RT: 8.367 min Scan# 898
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

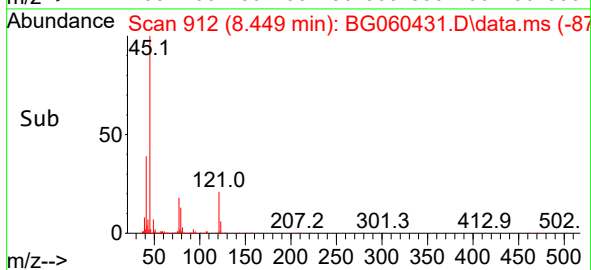
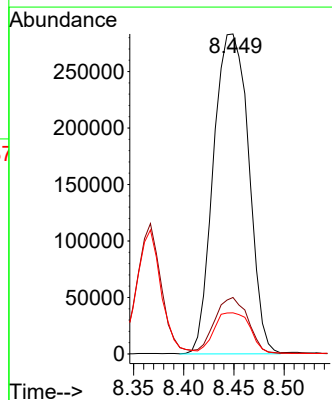
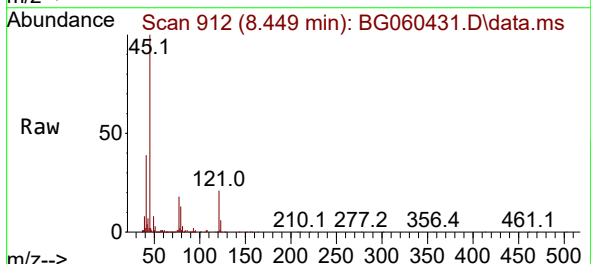
Instrument :
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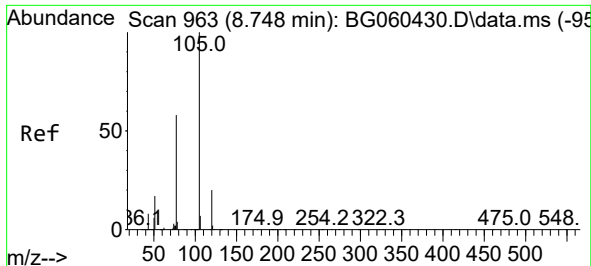
Tgt Ion:108 Resp: 498719
Ion Ratio Lower Upper
108 100
107 92.6 68.9 103.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 41.980 ng/ul
RT: 8.449 min Scan# 912
Delta R.T. 0.006 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion: 45 Resp: 691285
Ion Ratio Lower Upper
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77 17.6 14.2 21.4
79 12.8 10.9 16.3

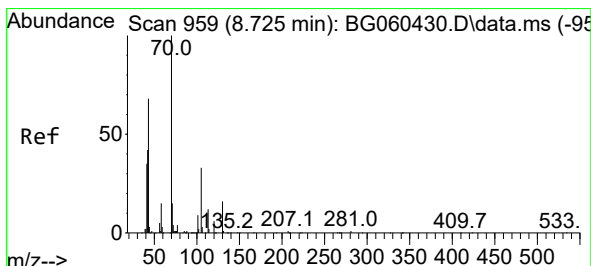
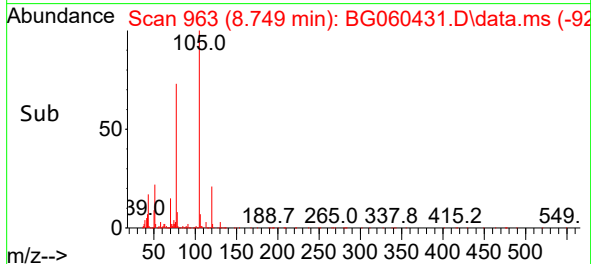
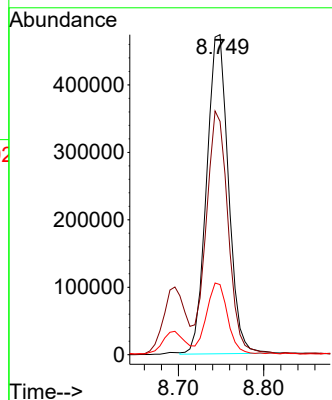
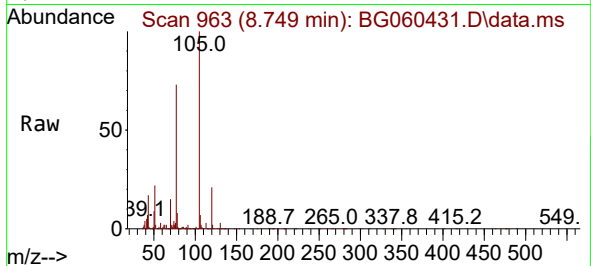




#16
Acetophenone
Concen: 42.683 ng/ul
RT: 8.749 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

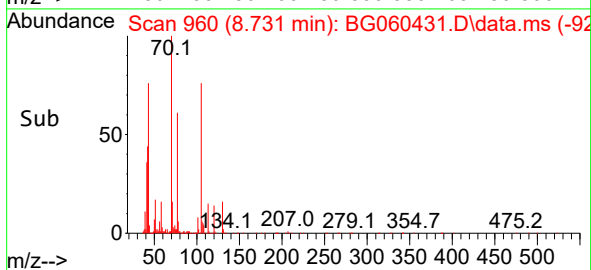
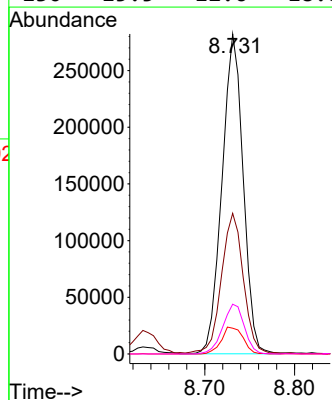
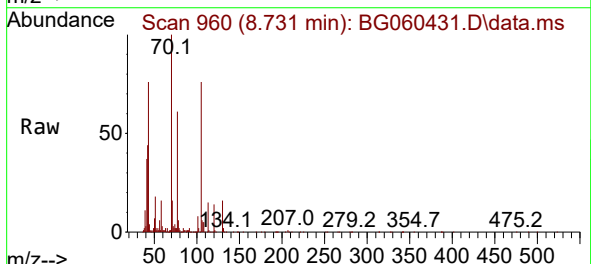
Instrument :
BNA_G
ClientSampleId :
SSTD040402

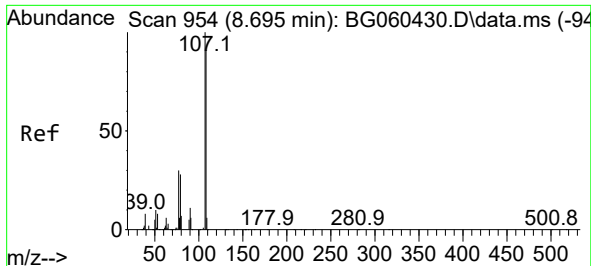
Tgt Ion:105 Resp: 839701
Ion Ratio Lower Upper
105 100
77 72.9 59.1 88.7
51 21.9 18.2 27.2



#17
N-Nitroso-di-n-propylamine
Concen: 43.466 ng/ul
RT: 8.731 min Scan# 960
Delta R.T. 0.006 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

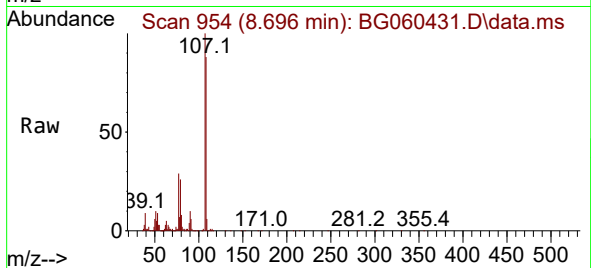
Tgt Ion: 70 Resp: 461111
Ion Ratio Lower Upper
70 100
42 43.9 33.8 50.8
101 8.1 6.9 10.3
130 15.5 12.6 18.8



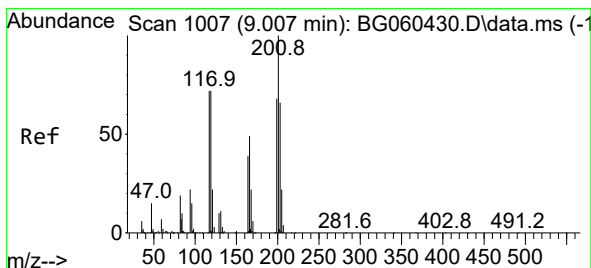
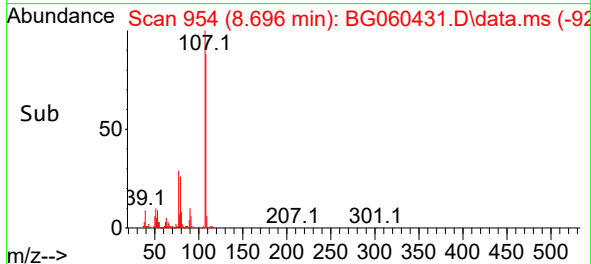
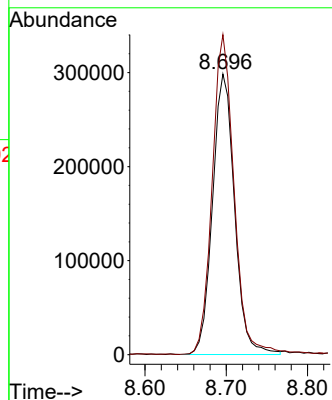


#18
4-Methylphenol
Concen: 43.068 ng/ul
RT: 8.696 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Instrument :
BNA_G
ClientSampleId :
SSTD040402

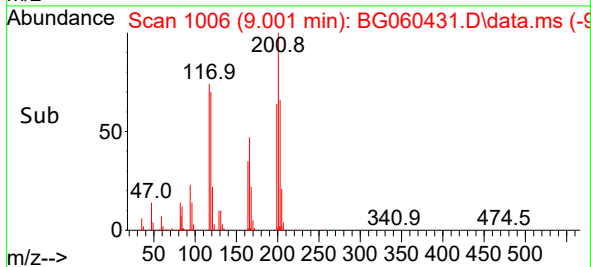
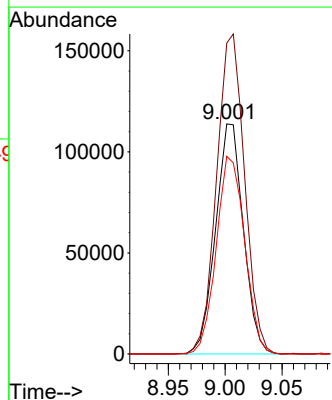
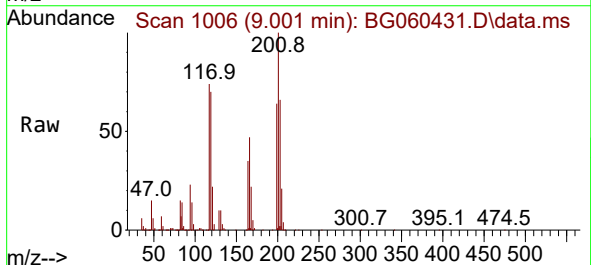


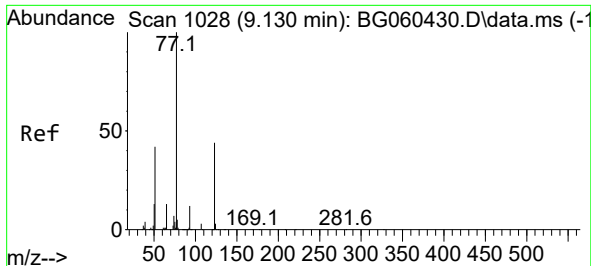
Tgt Ion:108 Resp: 560603
Ion Ratio Lower Upper
108 100
107 114.0 88.2 132.4



#19
Hexachloroethane
Concen: 42.382 ng/ul
RT: 9.001 min Scan# 1006
Delta R.T. -0.005 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion:117 Resp: 193444
Ion Ratio Lower Upper
117 100
201 135.1 110.8 166.2
199 85.9 75.7 113.5

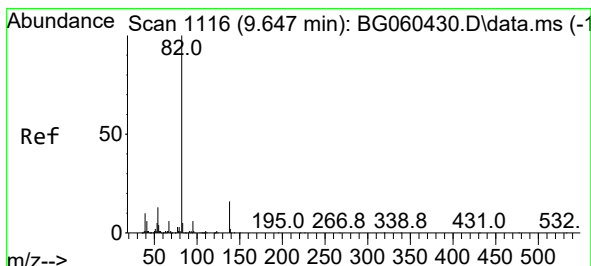
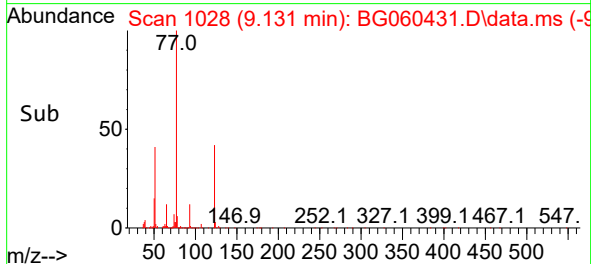
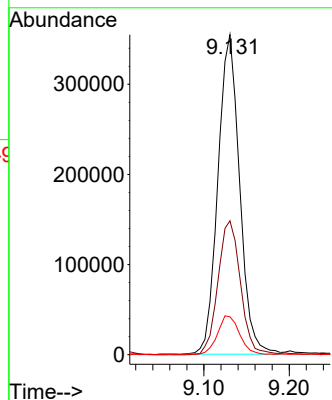
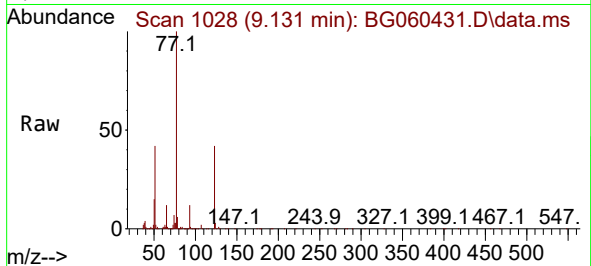




#22
Nitrobenzene
Concen: 43.858 ng/ul
RT: 9.131 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

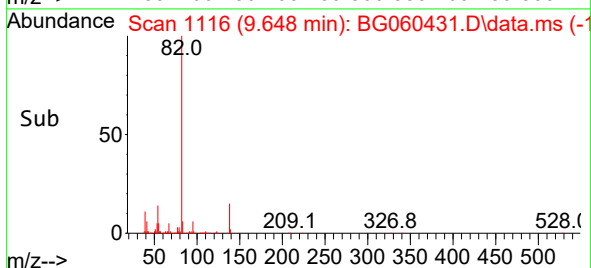
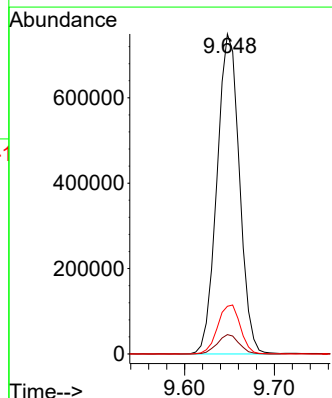
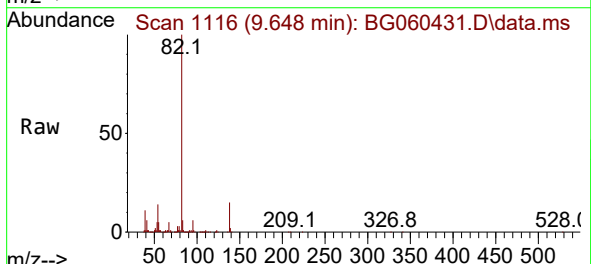
Instrument :
BNA_G
ClientSampleId :
SSTD040402

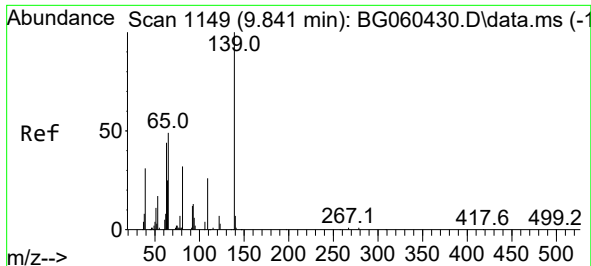
Tgt Ion: 77 Resp: 628321
Ion Ratio Lower Upper
77 100
123 41.8 35.0 52.6
65 11.8 10.5 15.7



#23
Isophorone
Concen: 41.880 ng/ul
RT: 9.648 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion: 82 Resp: 1300796
Ion Ratio Lower Upper
82 100
95 6.1 4.9 7.3
138 14.9 12.5 18.7

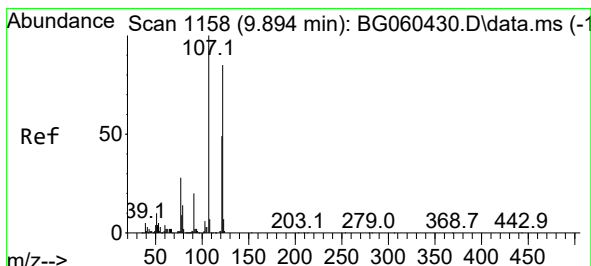
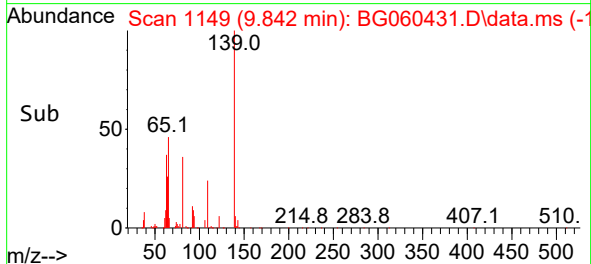
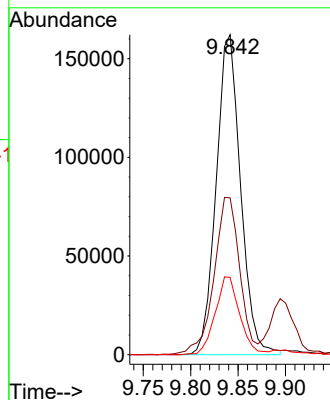
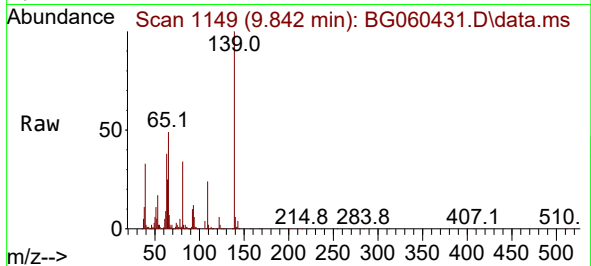




#25
2-Nitrophenol
Concen: 46.712 ng/ul
RT: 9.842 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

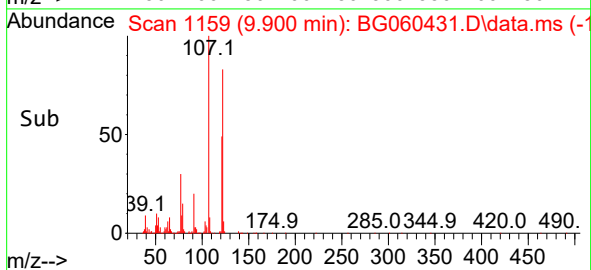
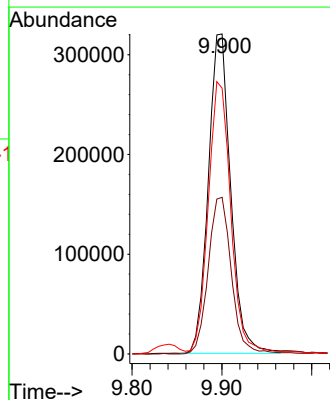
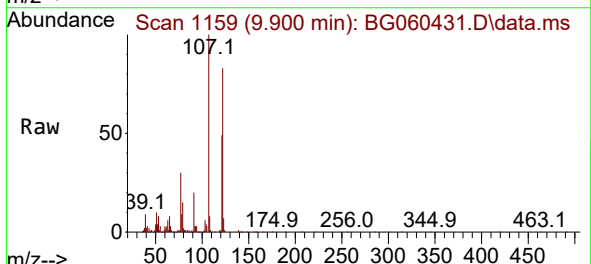
Instrument :
BNA_G
ClientSampleId :
SSTD040402

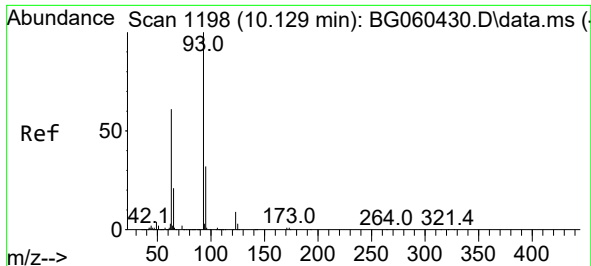
Tgt Ion:139 Resp: 290555
Ion Ratio Lower Upper
139 100
65 49.0 41.0 61.4
109 24.2 21.4 32.0



#26
2,4-Dimethylphenol
Concen: 43.227 ng/ul
RT: 9.900 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion:107 Resp: 554828
Ion Ratio Lower Upper
107 100
121 49.0 39.2 58.8
122 83.0 68.6 102.8



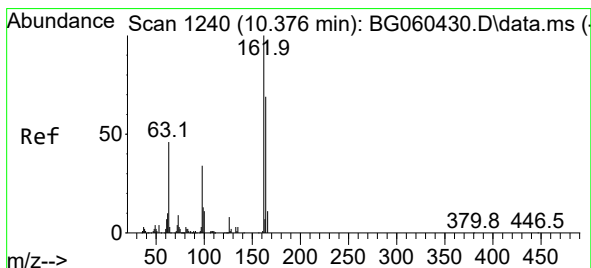
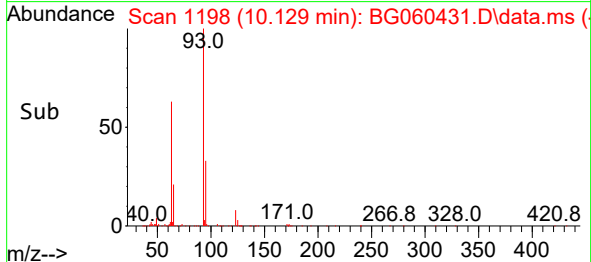
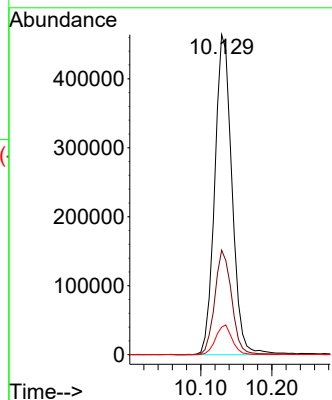
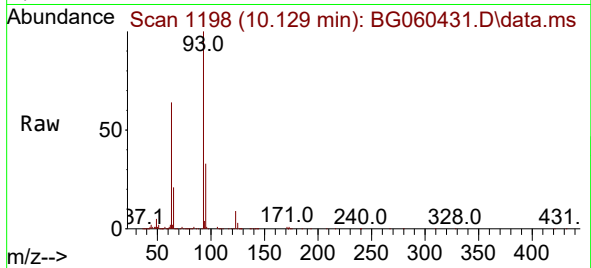


#27
 Bis(2-Chloroethoxy)methane
 Concen: 44.006 ng/ul
 RT: 10.129 min Scan# 1198
 Delta R.T. 0.000 min
 Lab File: BG060431.D
 Acq: 25 Jan 2024 20:17

Instrument :
 BNA_G
 ClientSampleId :
 SST040402

Tgt Ion: 93 Resp: 778084

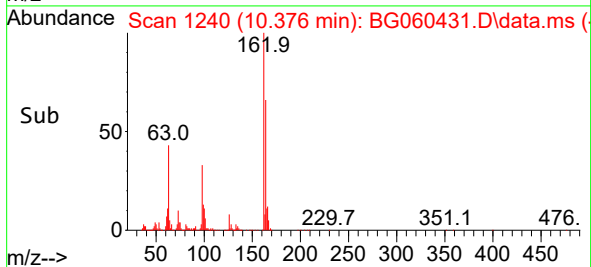
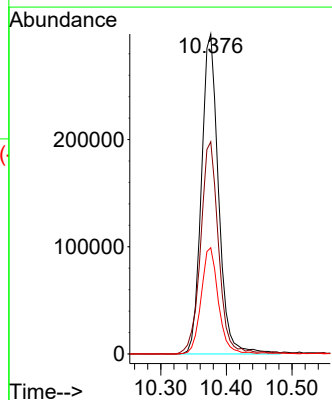
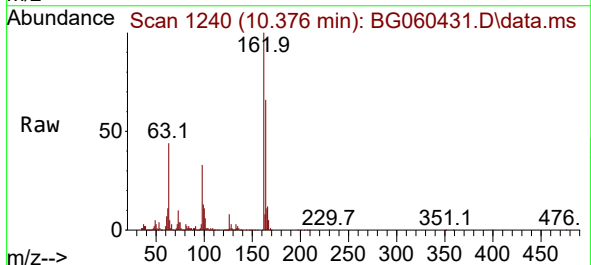
Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.5	38.3
123	8.6	7.0	10.6

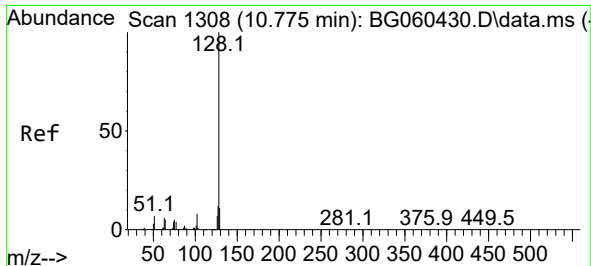


#29
 2,4-Dichlorophenol
 Concen: 44.333 ng/ul
 RT: 10.376 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: BG060431.D
 Acq: 25 Jan 2024 20:17

Tgt Ion:162 Resp: 542282

Ion	Ratio	Lower	Upper
162	100		
164	66.3	55.2	82.8
98	33.2	27.0	40.6

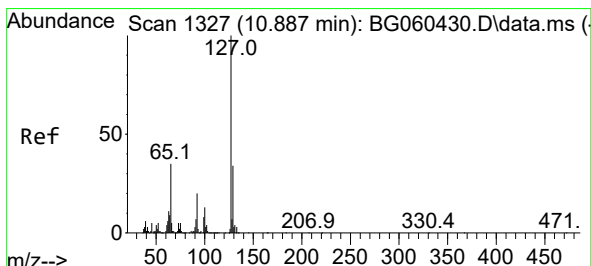
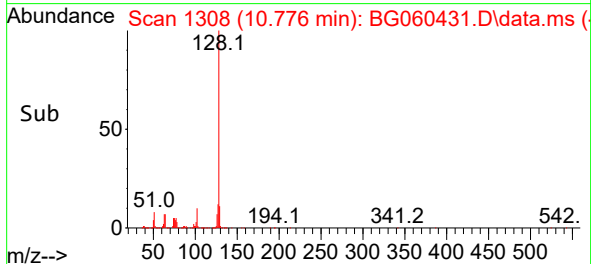
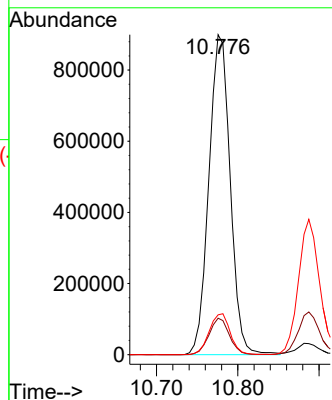
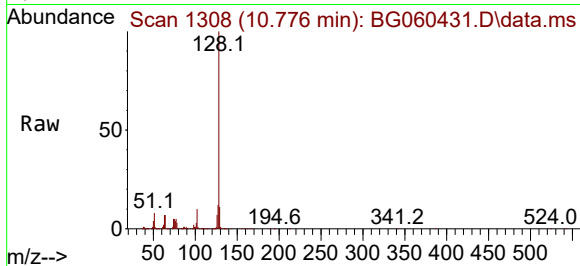




#30
Naphthalene
Concen: 42.807 ng/ul
RT: 10.776 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

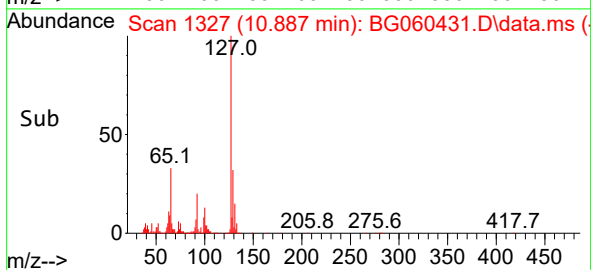
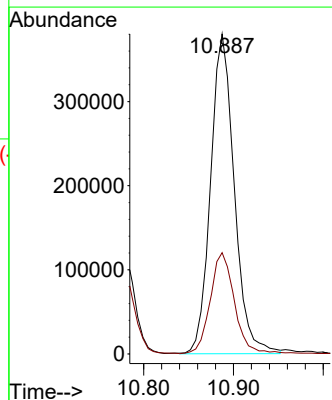
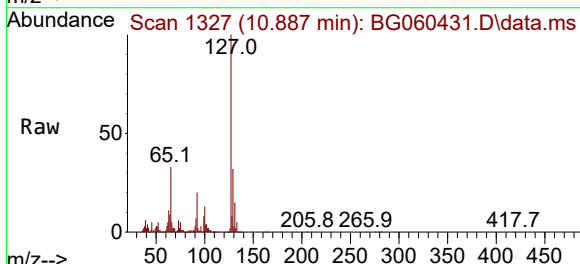
Instrument :
BNA_G
ClientSampleId :
SSTD040402

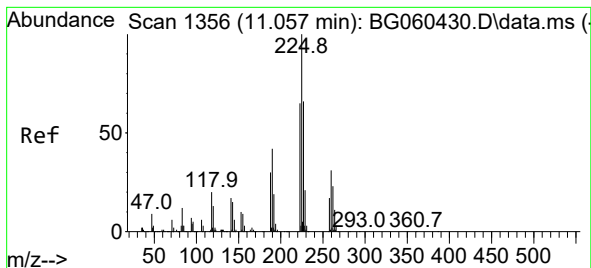
Tgt Ion:128 Resp: 1639864
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 12.4 9.5 14.3



#32
4-Chloroaniline
Concen: 42.473 ng/ul
RT: 10.887 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion:127 Resp: 695628
Ion Ratio Lower Upper
127 100
129 31.6 27.2 40.8





#33

Hexachlorobutadiene

Concen: 42.931 ng/ul

RT: 11.058 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD040402

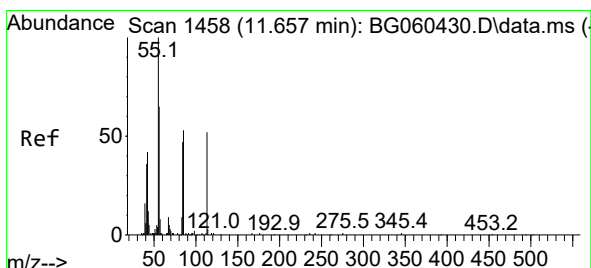
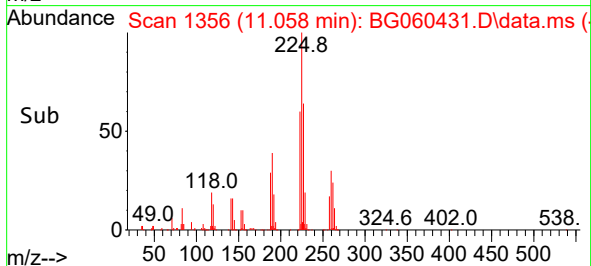
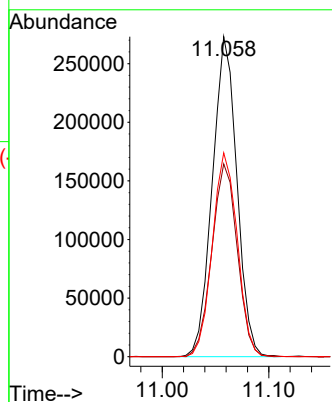
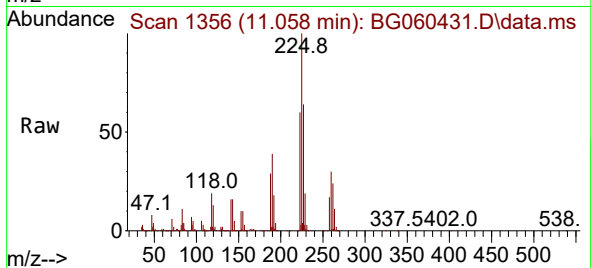
Tgt Ion:225 Resp: 436048

Ion Ratio Lower Upper

225 100

223 60.2 52.0 78.0

227 63.7 52.8 79.2



#34

Caprolactam

Concen: 16.482 ng/ul

RT: 11.651 min Scan# 1457

Delta R.T. -0.005 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

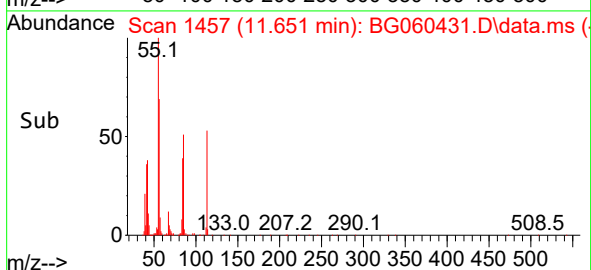
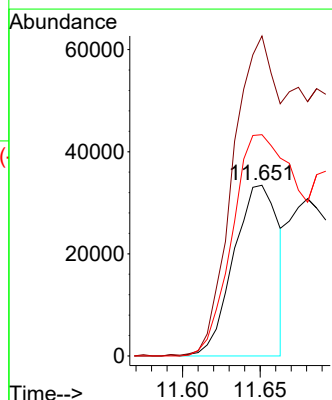
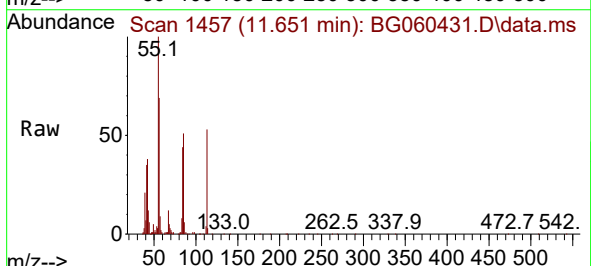
Tgt Ion:113 Resp: 66892

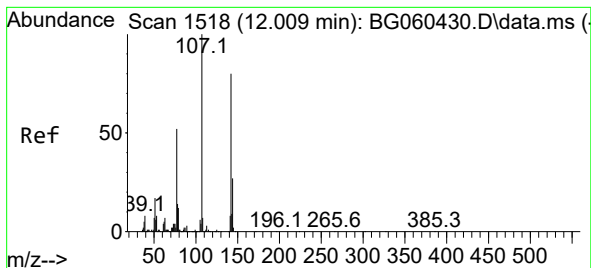
Ion Ratio Lower Upper

113 100

55 187.5 154.2 231.4

56 129.6 100.6 150.8

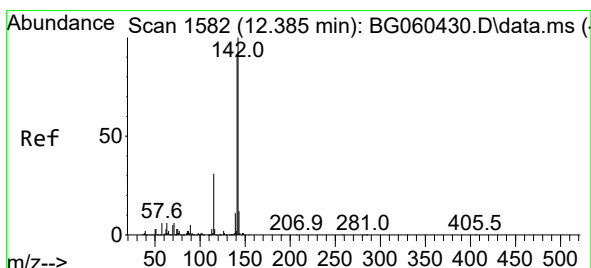
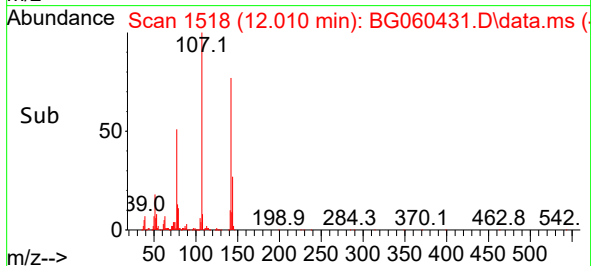
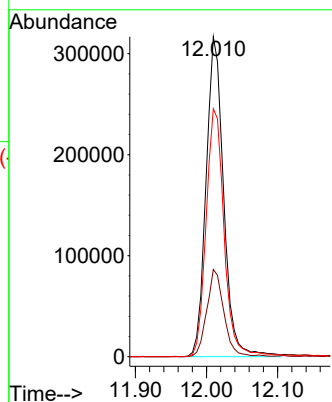
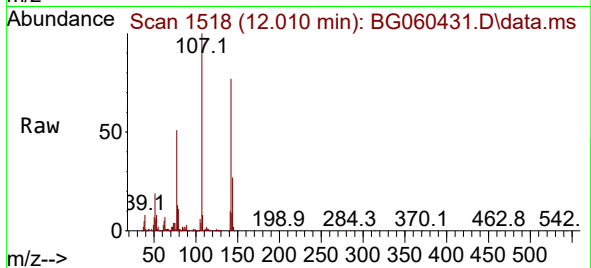




#35
4-Chloro-3-methylphenol
Concen: 44.429 ng/ul
RT: 12.010 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

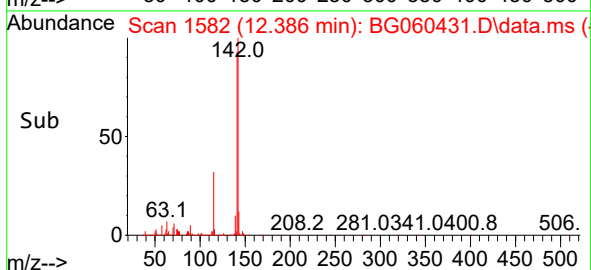
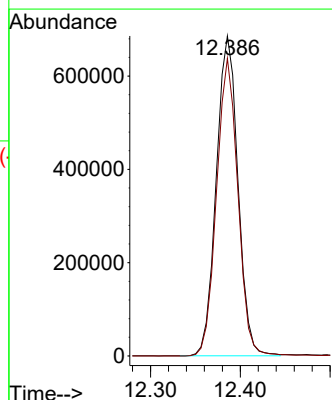
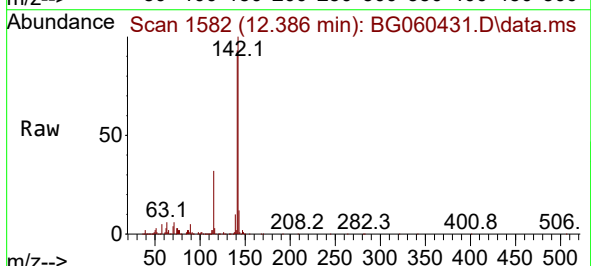
Instrument :
BNA_G
ClientSampleId :
SSTD040402

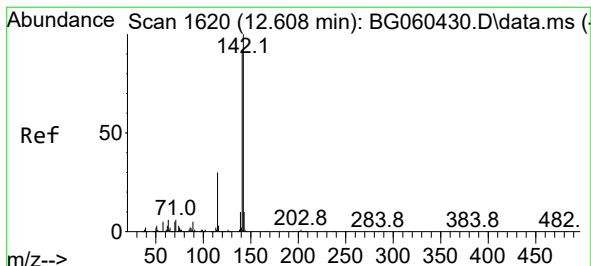
Tgt Ion:107 Resp: 544861
Ion Ratio Lower Upper
107 100
144 27.2 21.4 32.2
142 77.5 64.1 96.1



#36
2-Methylnaphthalene
Concen: 42.715 ng/ul
RT: 12.386 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion:142 Resp: 1150335
Ion Ratio Lower Upper
142 100
141 93.0 72.6 108.8





#37

1-Methylnaphthalene

Concen: 42.040 ng/ul

RT: 12.603 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD040402

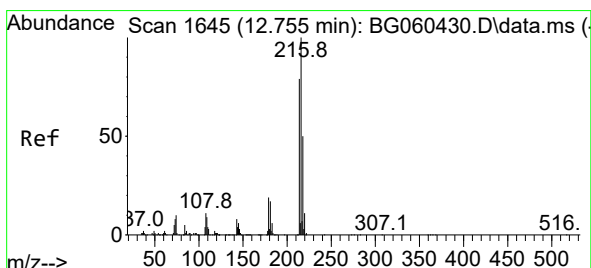
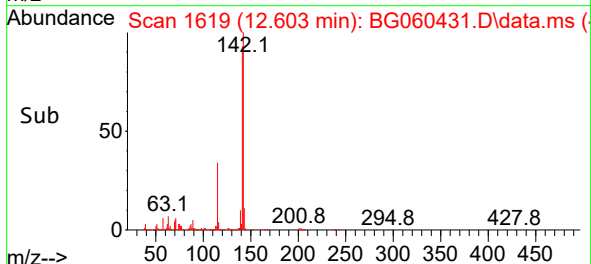
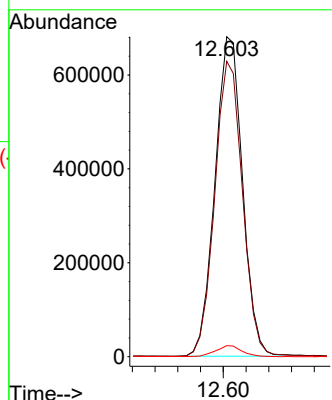
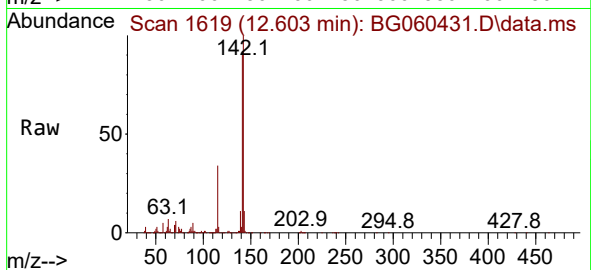
Tgt Ion:142 Resp: 1144249

Ion Ratio Lower Upper

142 100

141 92.3 73.6 110.4

116 3.4 2.3 3.5



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.703 ng/ul

RT: 12.756 min Scan# 1645

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Tgt Ion:216 Resp: 815626

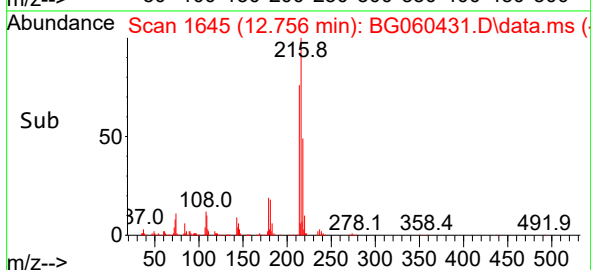
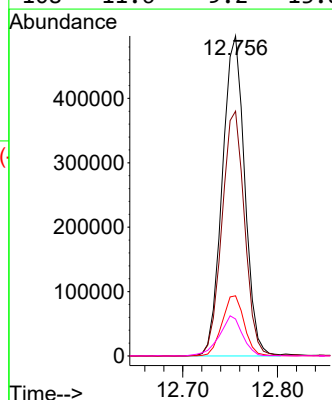
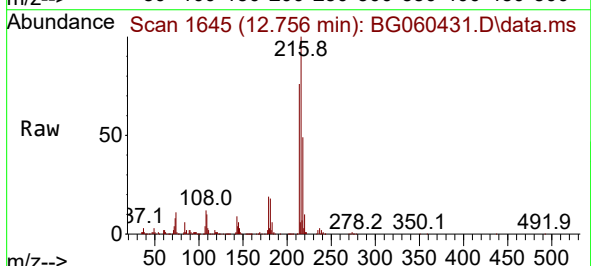
Ion Ratio Lower Upper

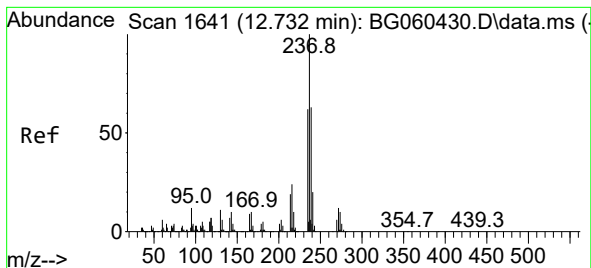
216 100

214 76.5 63.0 94.4

179 18.8 15.2 22.8

108 11.6 9.2 13.8





#40

Hexachlorocyclopentadiene

Concen: 42.650 ng/ul

RT: 12.732 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD040402

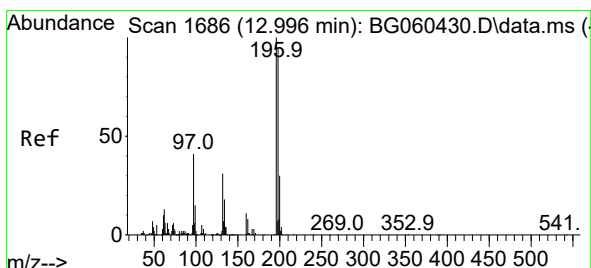
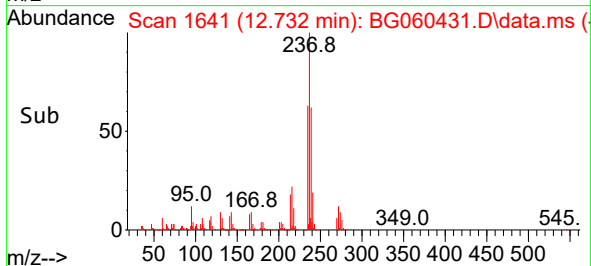
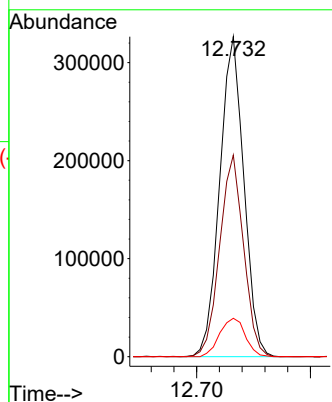
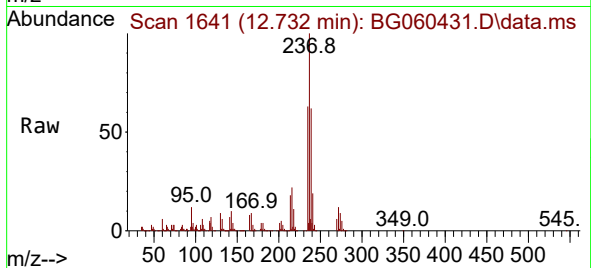
Tgt Ion:237 Resp: 481316

Ion Ratio Lower Upper

237 100

235 63.0 49.4 74.0

272 12.0 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 44.833 ng/ul

RT: 12.991 min Scan# 1685

Delta R.T. -0.005 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

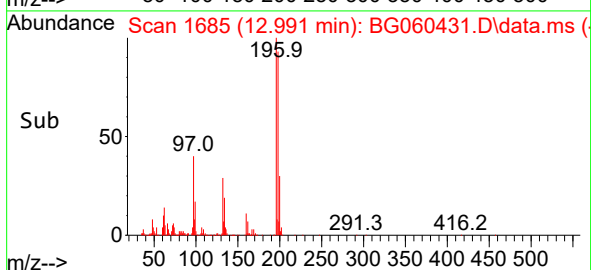
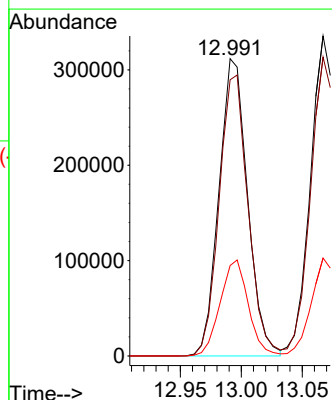
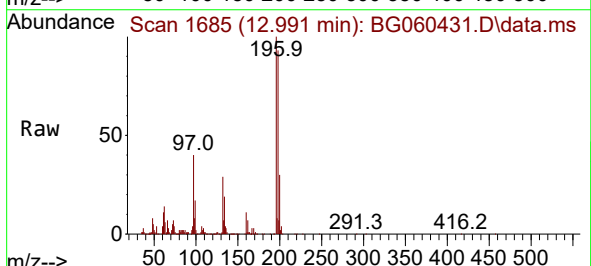
Tgt Ion:196 Resp: 510046

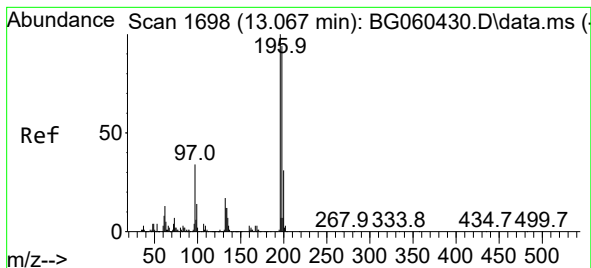
Ion Ratio Lower Upper

196 100

198 92.9 76.3 114.5

200 30.4 24.4 36.6





#42

2,4,5-Trichlorophenol

Concen: 44.858 ng/ul

RT: 13.067 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD040402

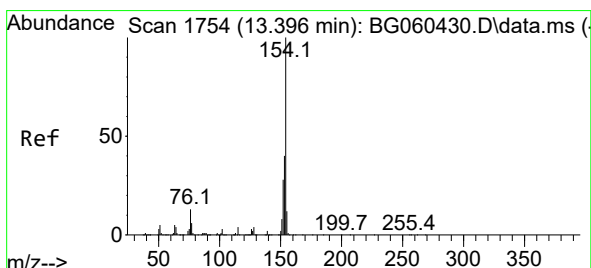
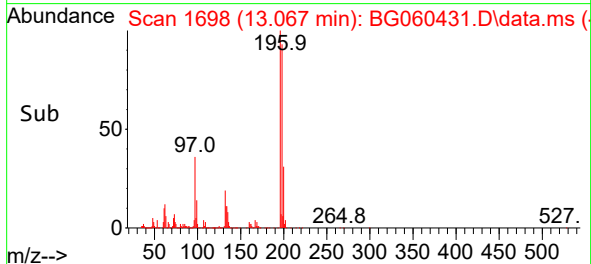
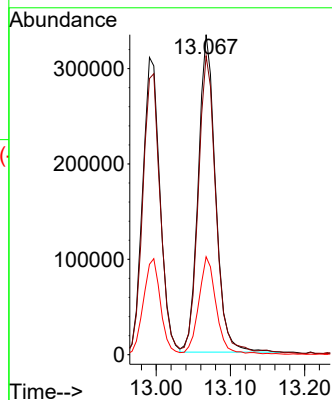
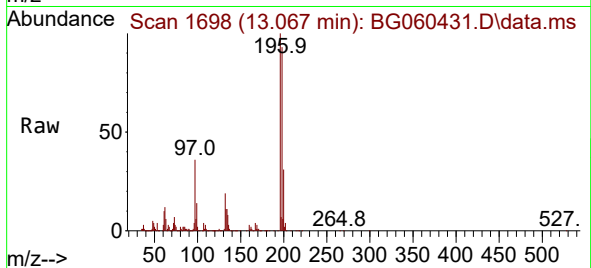
Tgt Ion:196 Resp: 539255

Ion Ratio Lower Upper

196 100

198 93.4 75.7 113.5

200 30.6 24.9 37.3



#43

1,1'-Biphenyl

Concen: 43.629 ng/ul

RT: 13.396 min Scan# 1754

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

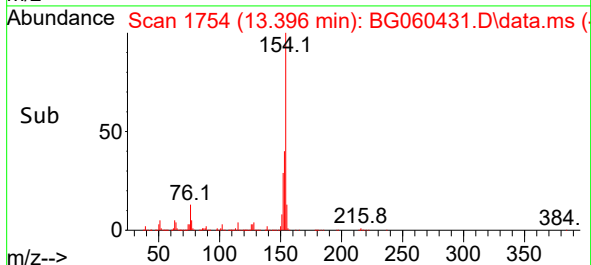
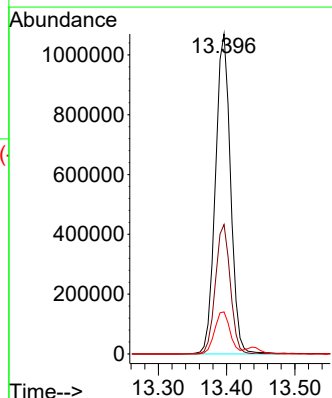
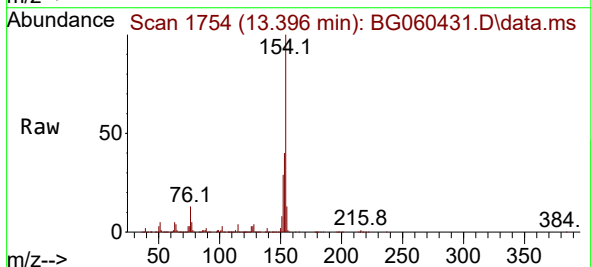
Tgt Ion:154 Resp: 1657303

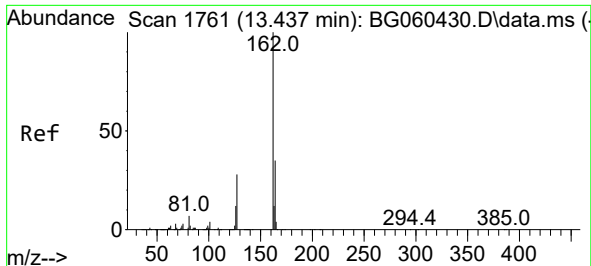
Ion Ratio Lower Upper

154 100

153 40.5 31.8 47.8

76 13.2 10.4 15.6

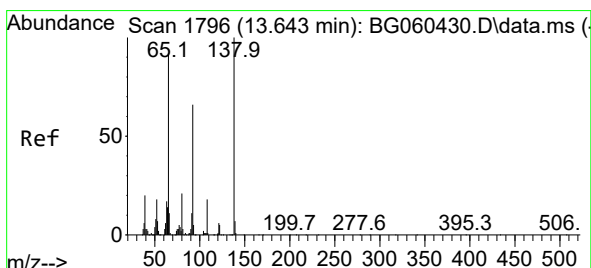
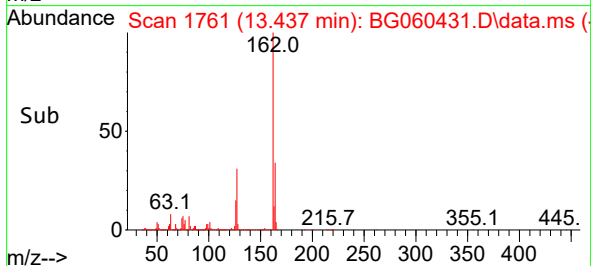
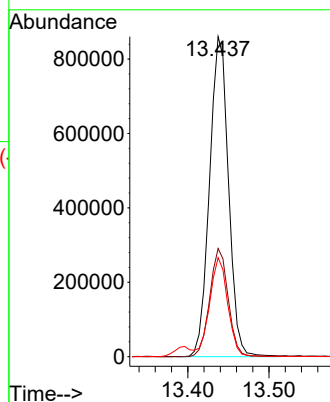
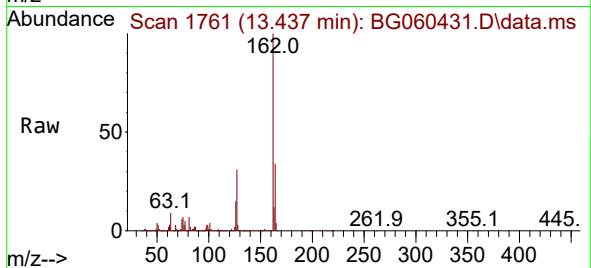




#44
2-Chloronaphthalene
Concen: 43.452 ng/ul
RT: 13.437 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

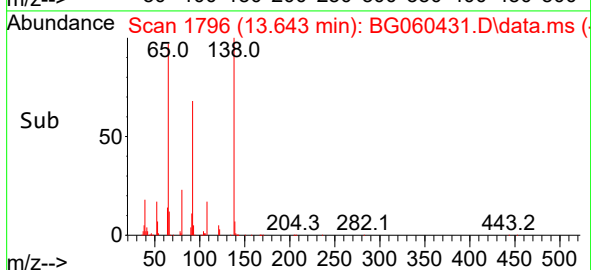
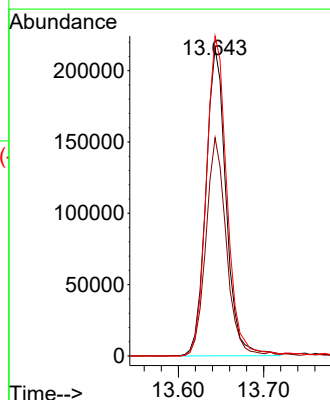
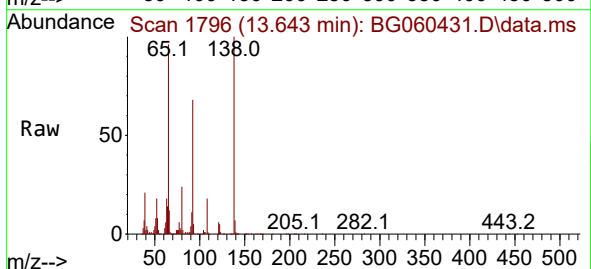
Instrument :
BNA_G
ClientSampleId :
SSTD040402

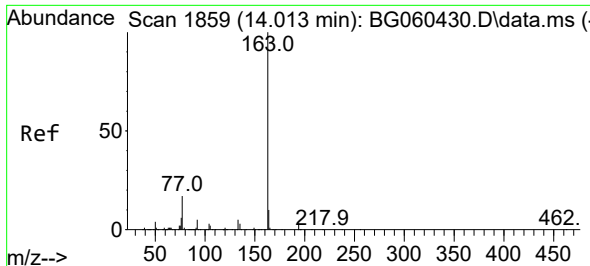
Tgt Ion:162 Resp: 1393561
Ion Ratio Lower Upper
162 100
164 33.8 27.7 41.5
127 30.9 24.5 36.7



#45
2-Nitroaniline
Concen: 44.044 ng/ul
RT: 13.643 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion: 65 Resp: 355537
Ion Ratio Lower Upper
65 100
92 70.8 57.7 86.5
138 103.8 87.0 130.6

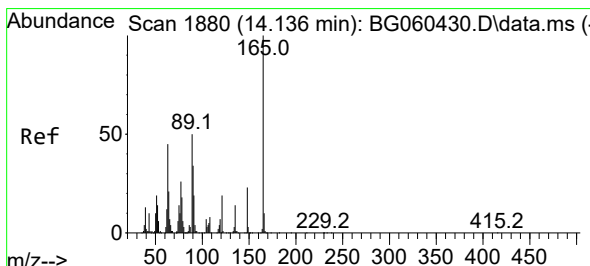
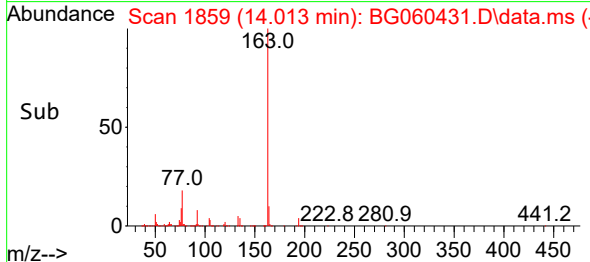
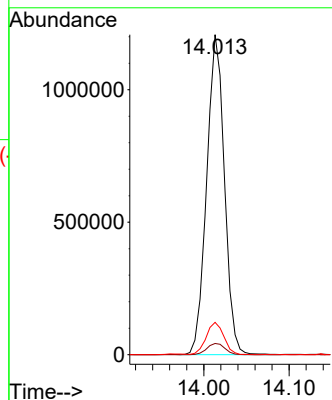
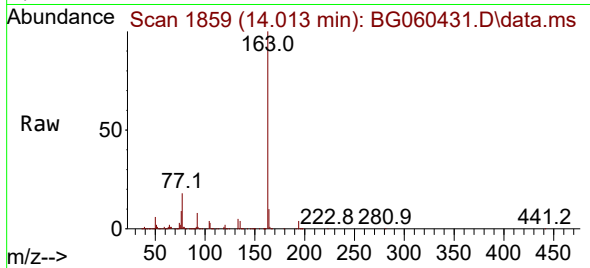




#47
Dimethylphthalate
Concen: 41.804 ng/ul
RT: 14.013 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

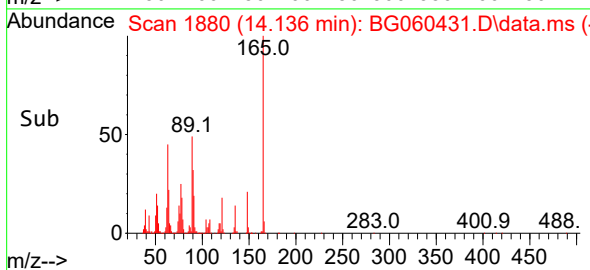
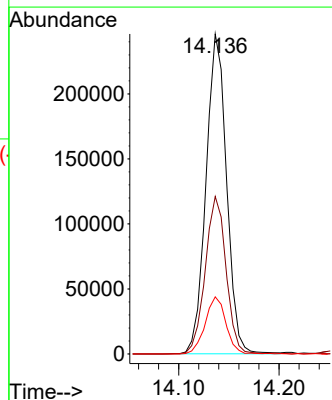
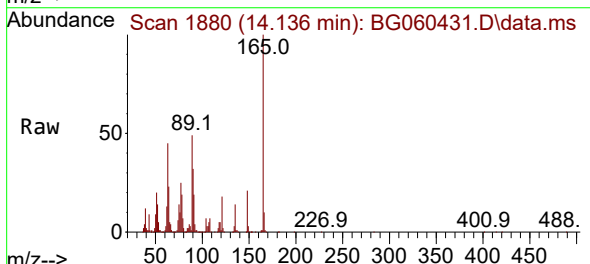
Instrument :
BNA_G
ClientSampleId :
SSTD040402

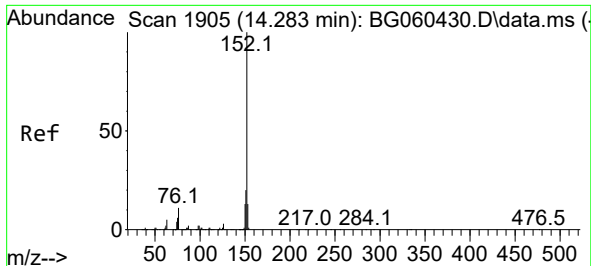
Tgt Ion:163 Resp: 1750908
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 10.1 8.4 12.6



#48
2,6-Dinitrotoluene
Concen: 44.311 ng/ul
RT: 14.136 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion:165 Resp: 350006
Ion Ratio Lower Upper
165 100
89 49.2 40.2 60.2
121 17.9 15.0 22.6

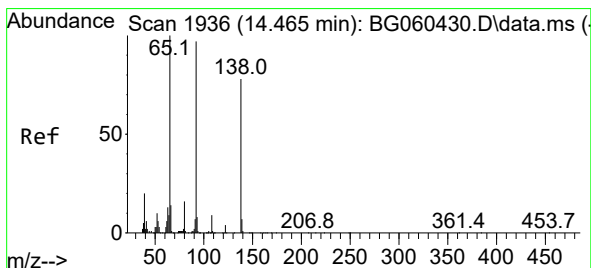
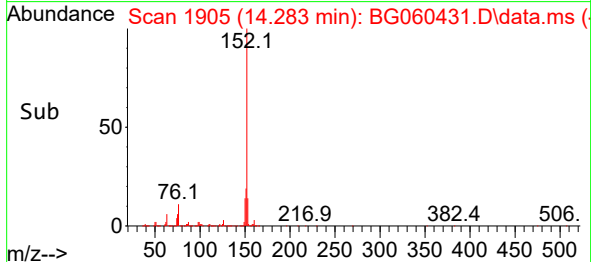
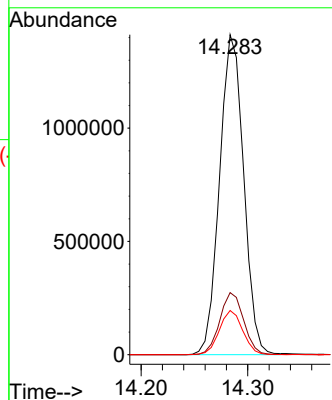
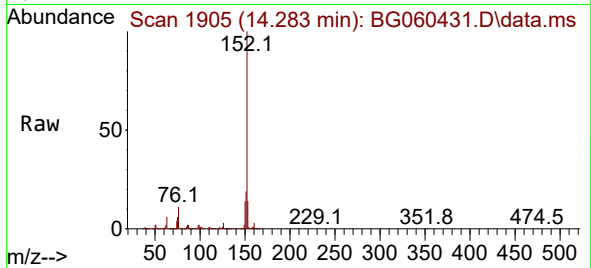




#50
Acenaphthylene
Concen: 42.638 ng/ul
RT: 14.283 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

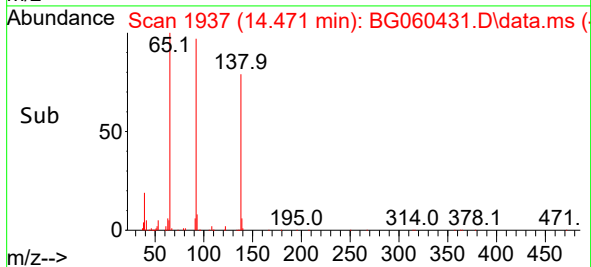
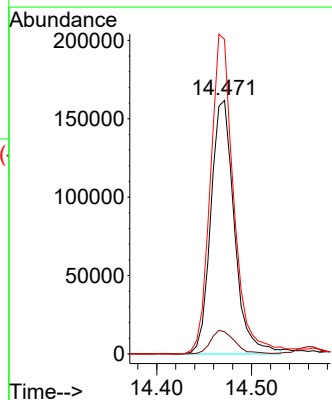
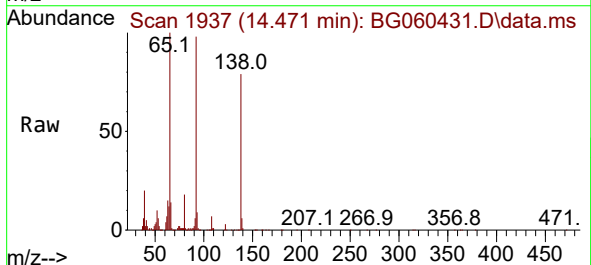
Instrument :
BNA_G
ClientSampleId :
SSTD040402

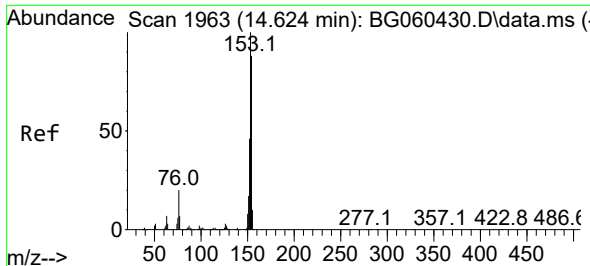
Tgt Ion:152 Resp: 2214062
Ion Ratio Lower Upper
152 100
151 19.4 16.3 24.5
153 13.8 10.4 15.6



#51
3-Nitroaniline
Concen: 42.003 ng/ul
RT: 14.471 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion:138 Resp: 278897
Ion Ratio Lower Upper
138 100
108 8.8 9.5 14.3#
92 124.0 98.9 148.3

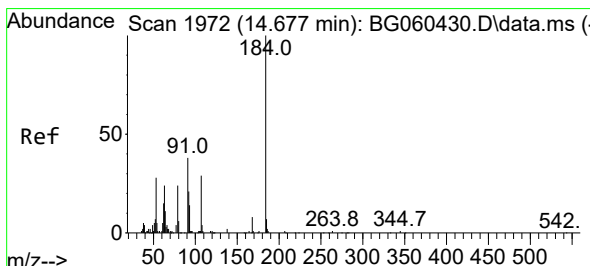
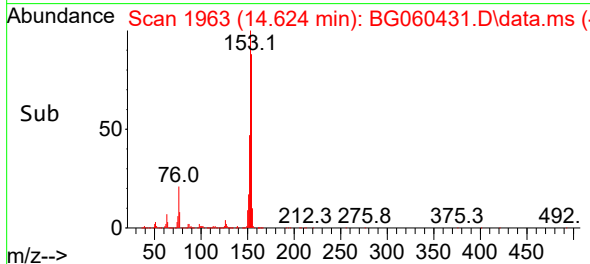
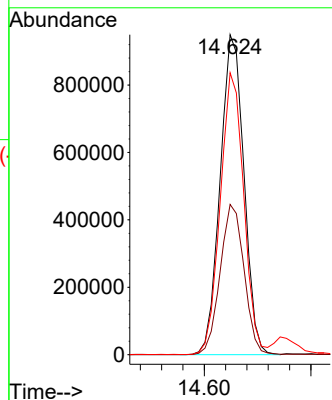
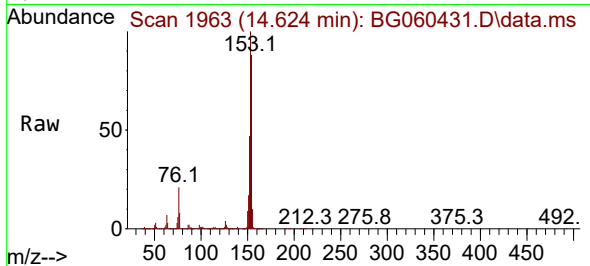




#52
Acenaphthene
Concen: 42.403 ng/ul
RT: 14.624 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

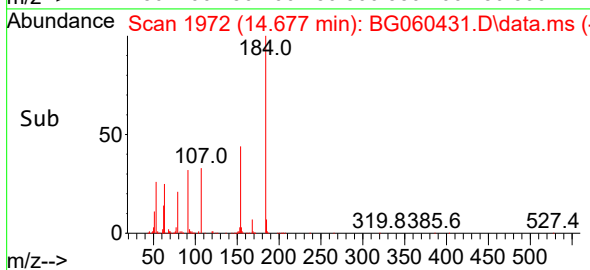
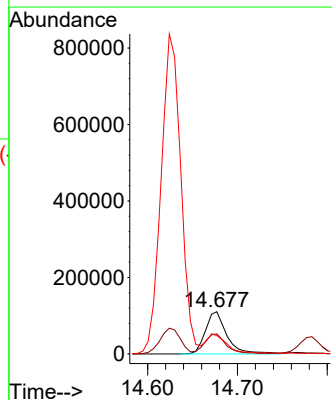
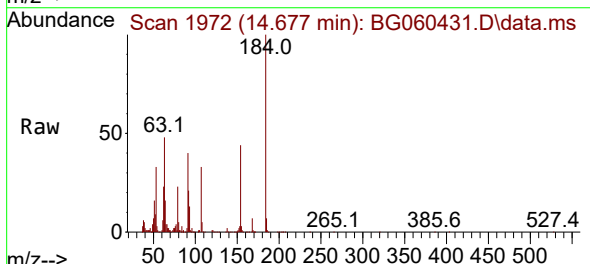
Instrument :
BNA_G
ClientSampleId :
SSTD040402

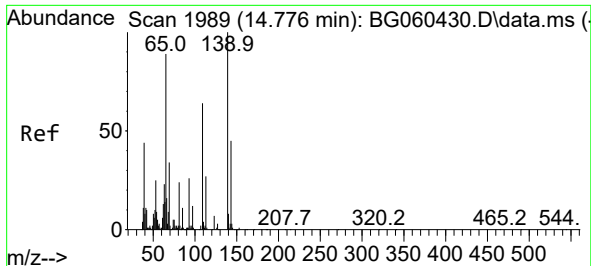
Tgt Ion:153 Resp: 1468727
Ion Ratio Lower Upper
153 100
152 46.9 37.0 55.6
154 88.1 70.0 105.0



#53
2,4-Dinitrophenol
Concen: 42.510 ng/ul
RT: 14.677 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion:184 Resp: 183274
Ion Ratio Lower Upper
184 100
63 47.7 39.2 58.8
154 43.7 40.3 60.5

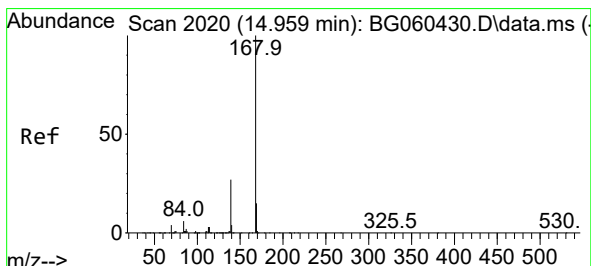
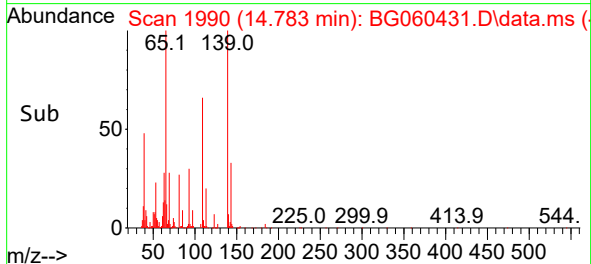
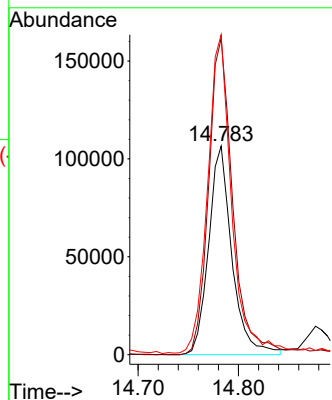
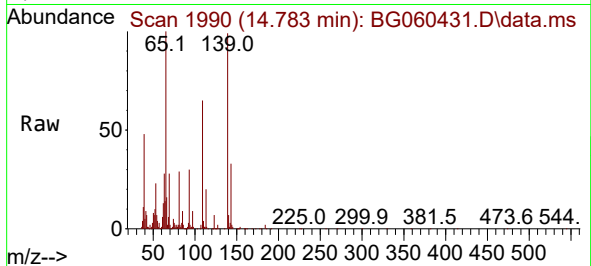




#55
4-Nitrophenol
Concen: 42.017 ng/ul
RT: 14.783 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

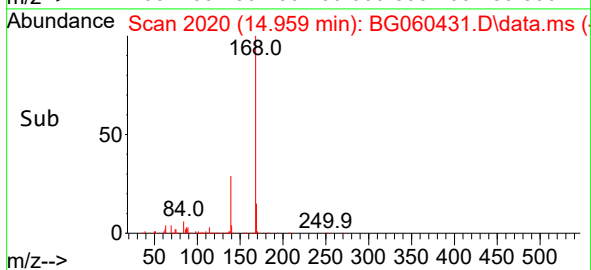
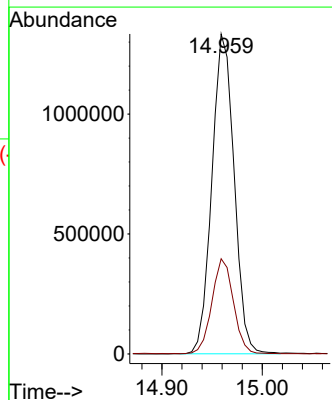
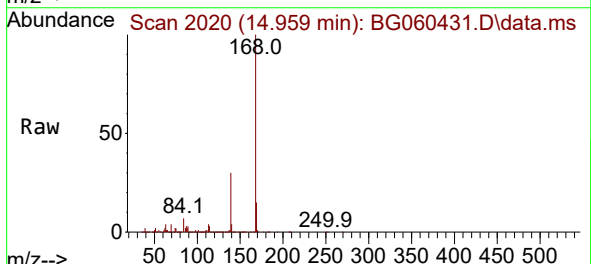
Instrument :
BNA_G
ClientSampleId :
SSTD040402

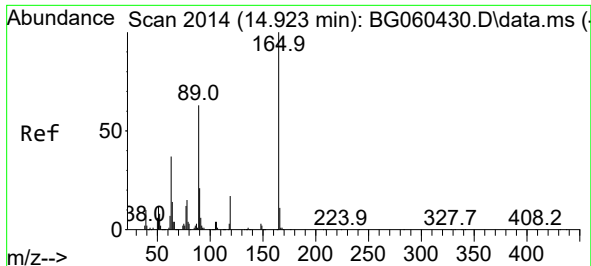
Tgt Ion:109 Resp: 171925
Ion Ratio Lower Upper
109 100
139 151.5 124.5 186.7
65 153.4 112.4 168.6



#56
Dibenzofuran
Concen: 41.958 ng/ul
RT: 14.959 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion:168 Resp: 2051768
Ion Ratio Lower Upper
168 100
139 29.8 21.6 32.4





#57

2,4-Dinitrotoluene

Concen: 43.671 ng/ul

RT: 14.924 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD040402

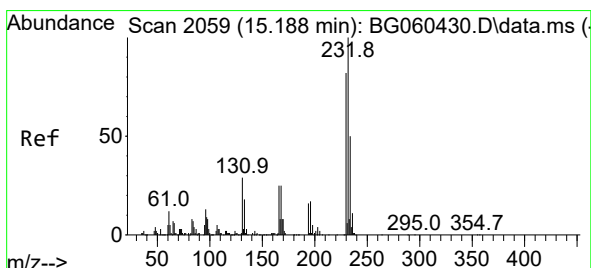
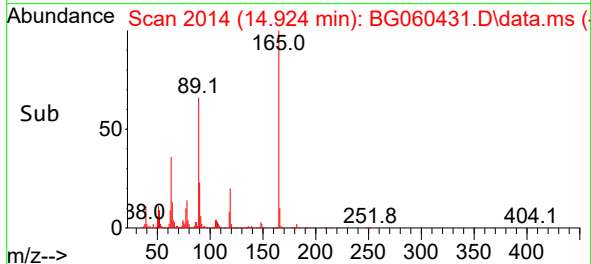
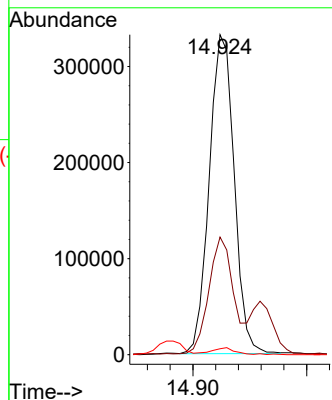
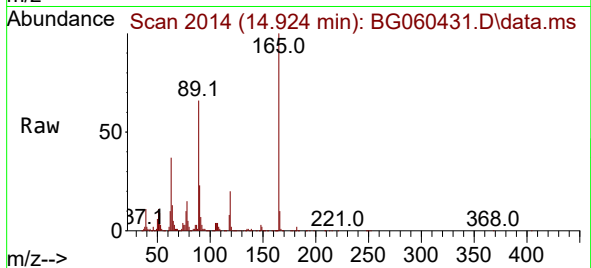
Tgt Ion:165 Resp: 505485

Ion Ratio Lower Upper

165 100

63 36.7 29.9 44.9

182 1.9 1.8 2.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.955 ng/ul

RT: 15.188 min Scan# 2059

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Tgt Ion:232 Resp: 491072

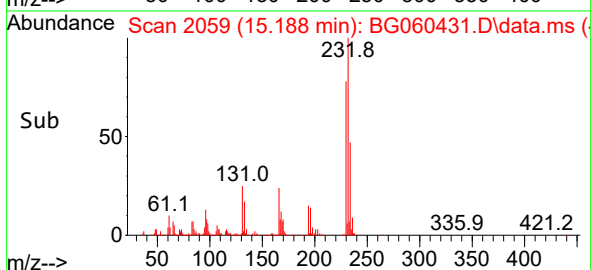
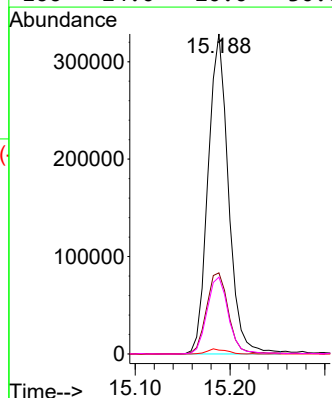
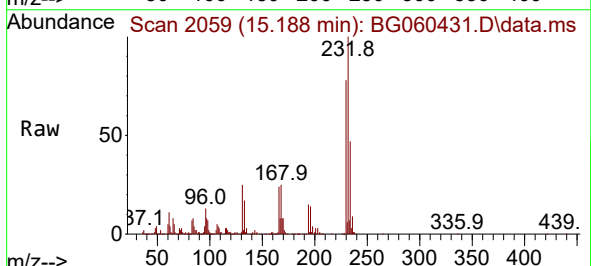
Ion Ratio Lower Upper

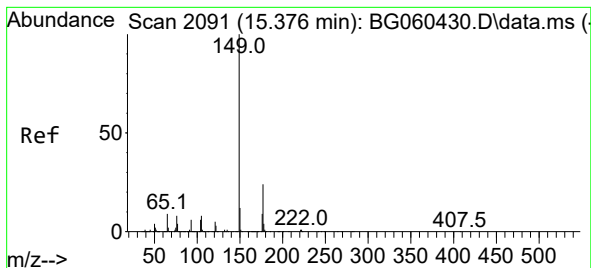
232 100

131 25.4 23.4 35.0

130 1.2 0.8 1.2#

166 24.0 20.0 30.0





#59

Diethylphthalate

Concen: 40.439 ng/ul

RT: 15.376 min Scan# 2091

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD040402

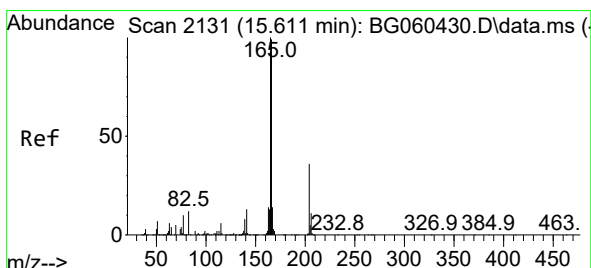
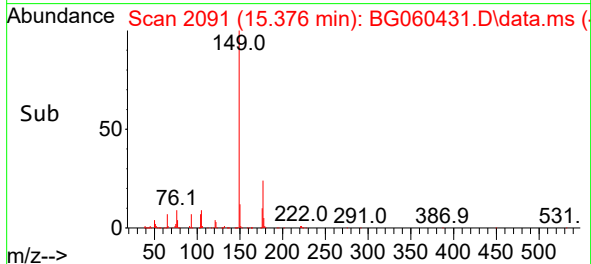
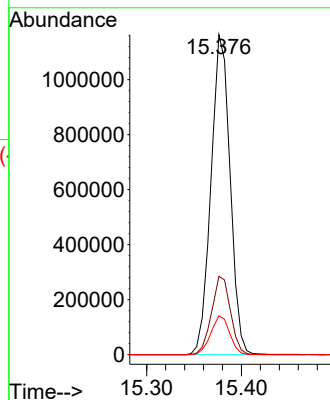
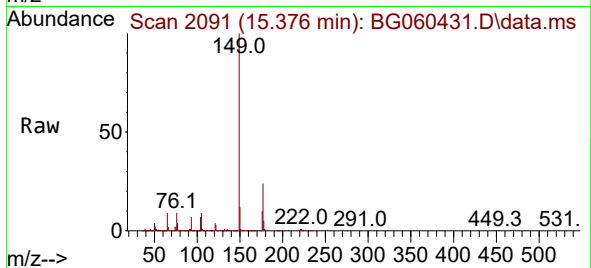
Tgt Ion:149 Resp: 1628570

Ion Ratio Lower Upper

149 100

177 24.5 19.4 29.0

150 12.1 9.8 14.8



#61

Fluorene

Concen: 41.469 ng/ul

RT: 15.611 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

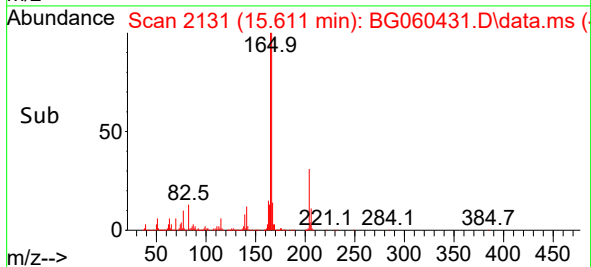
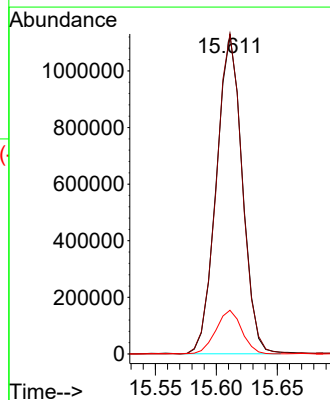
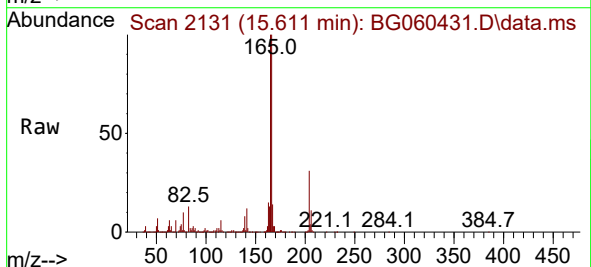
Tgt Ion:166 Resp: 1663641

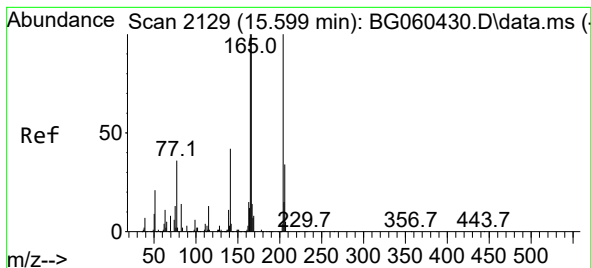
Ion Ratio Lower Upper

166 100

165 100.2 81.0 121.6

167 13.7 11.3 16.9

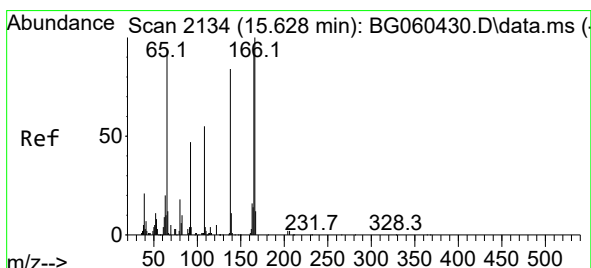
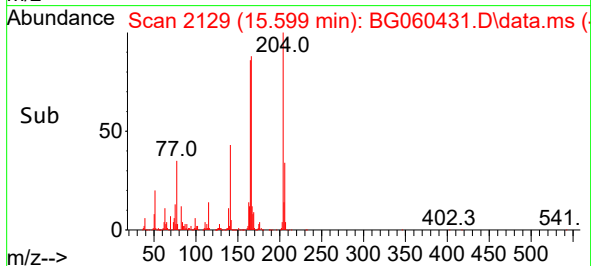
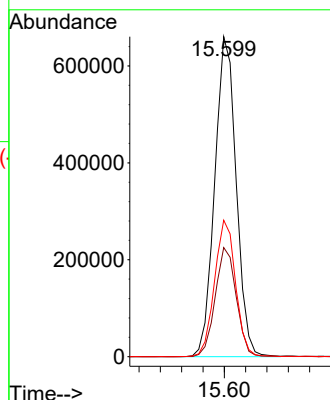
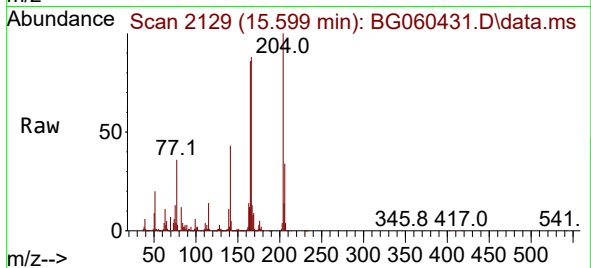




#62
4-Chlorophenyl-phenylether
Concen: 41.585 ng/ul
RT: 15.599 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

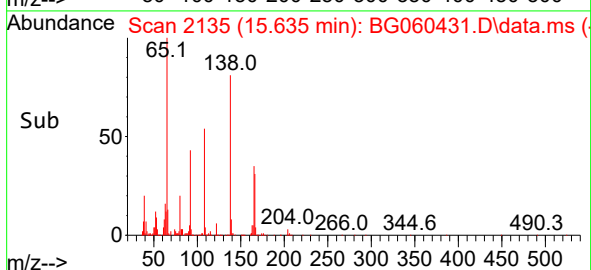
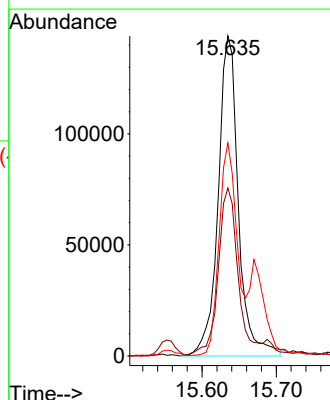
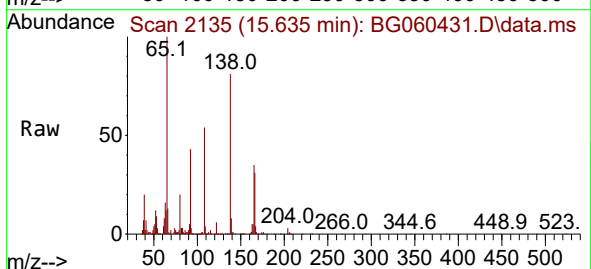
Instrument :
BNA_G
ClientSampleId :
SSTD040402

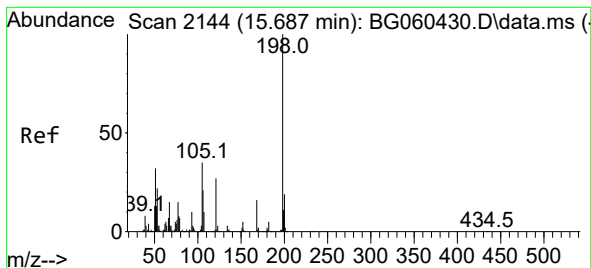
Tgt Ion:204 Resp: 920862
Ion Ratio Lower Upper
204 100
206 34.1 27.5 41.3
141 42.6 33.4 50.0



#63
4-Nitroaniline
Concen: 41.917 ng/ul
RT: 15.635 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion:138 Resp: 272665
Ion Ratio Lower Upper
138 100
92 52.5 45.5 68.3
108 66.5 51.8 77.6

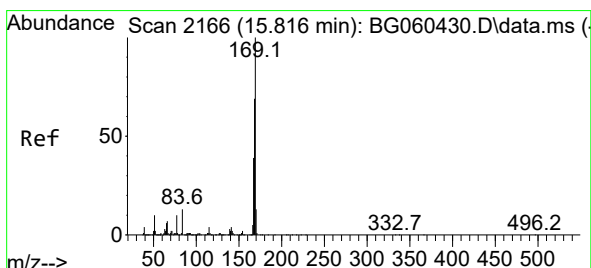
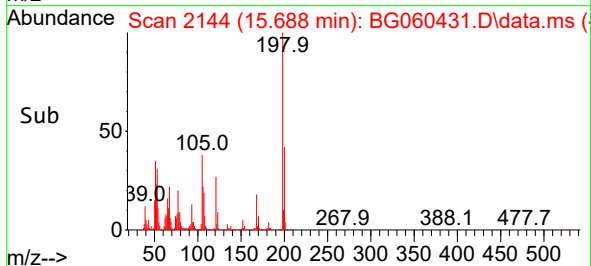
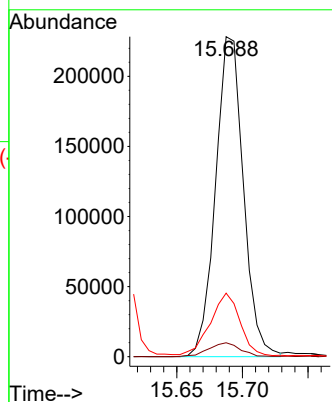
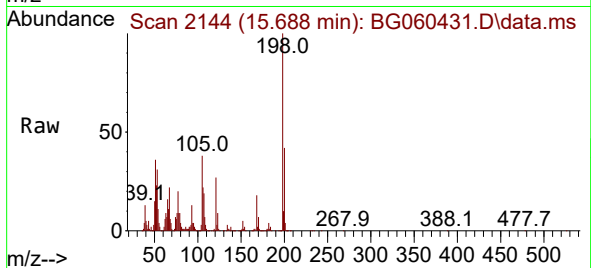




#66
4,6-Dinitro-2-methylphenol
Concen: 42.617 ng/ul
RT: 15.688 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

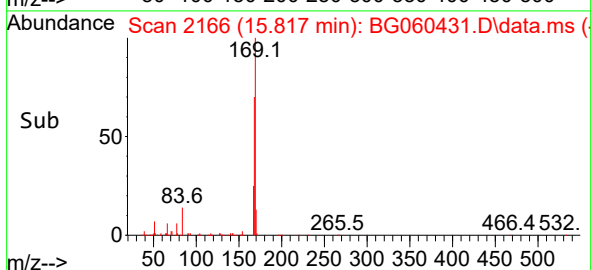
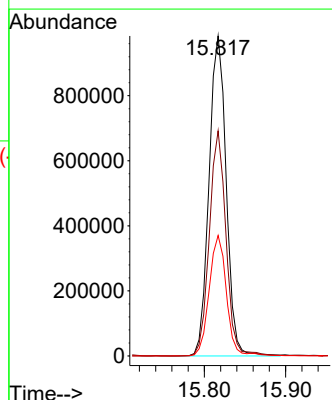
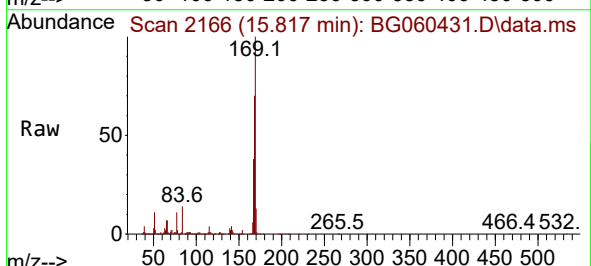
Instrument :
BNA_G
ClientSampleId :
SSTD040402

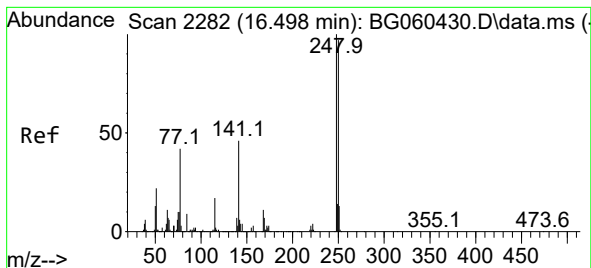
Tgt Ion:198 Resp: 336260
Ion Ratio Lower Upper
198 100
182 4.4 4.1 6.1
77 19.8 13.0 19.6#



#67
N-Nitrosodiphenylamine
Concen: 43.674 ng/ul
RT: 15.817 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion:169 Resp: 1443090
Ion Ratio Lower Upper
169 100
168 70.4 55.4 83.0
167 37.7 31.0 46.4

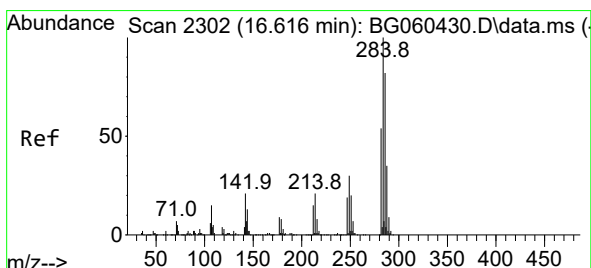
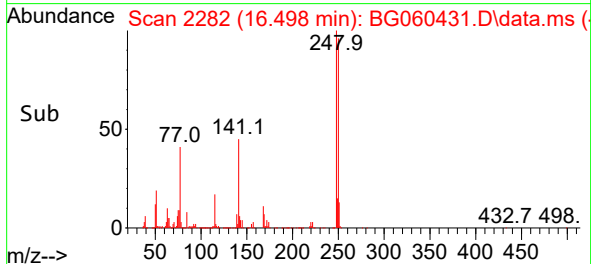
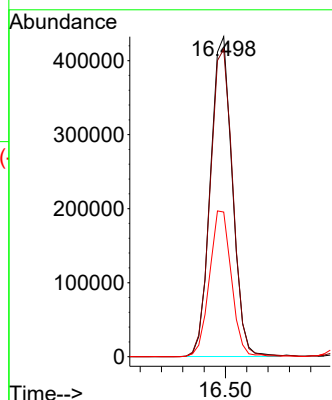
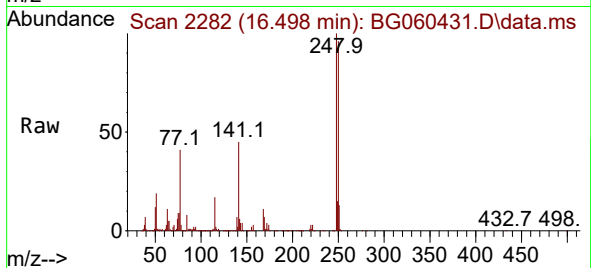




#68
4-Bromophenyl-phenylether
Concen: 43.499 ng/ul
RT: 16.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

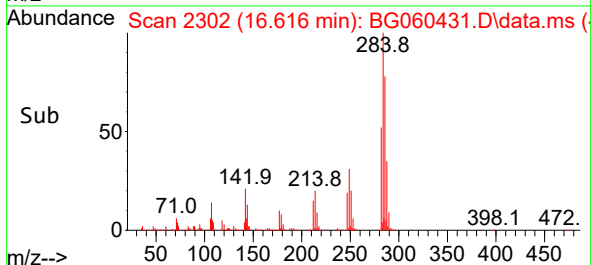
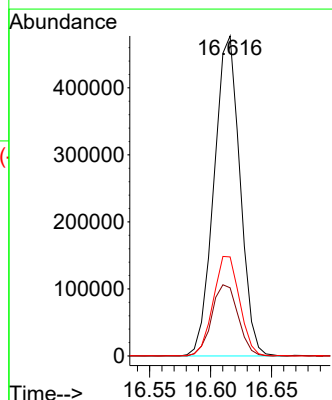
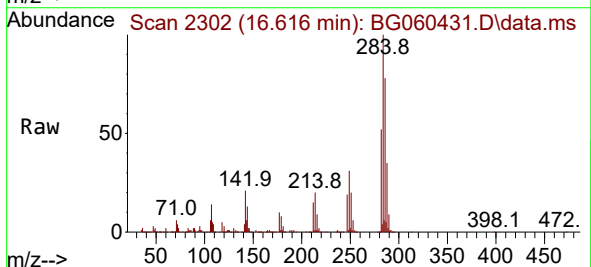
Instrument :
BNA_G
ClientSampleId :
SSTD040402

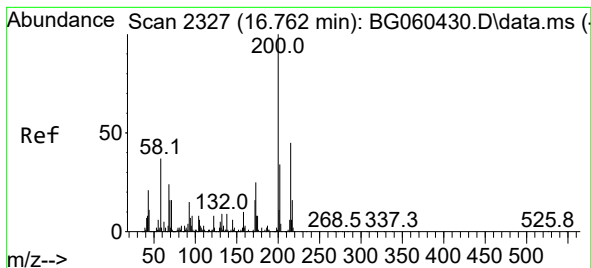
Tgt Ion:248 Resp: 615615
Ion Ratio Lower Upper
248 100
250 96.1 77.3 115.9
141 45.2 36.5 54.7



#69
Hexachlorobenzene
Concen: 43.115 ng/ul
RT: 16.616 min Scan# 2302
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion:284 Resp: 707800
Ion Ratio Lower Upper
284 100
142 20.0 17.1 25.7
249 29.1 24.1 36.1





#70

Atrazine

Concen: 42.449 ng/ul

RT: 16.763 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD040402

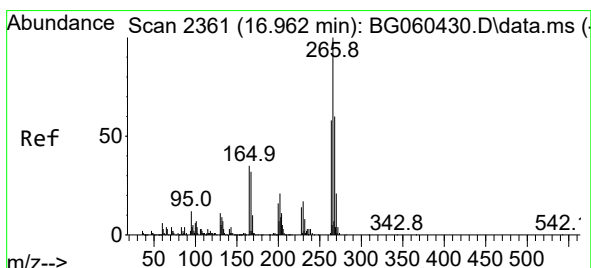
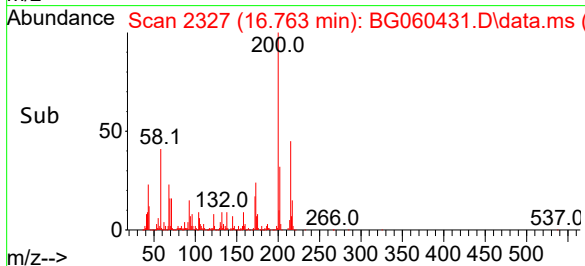
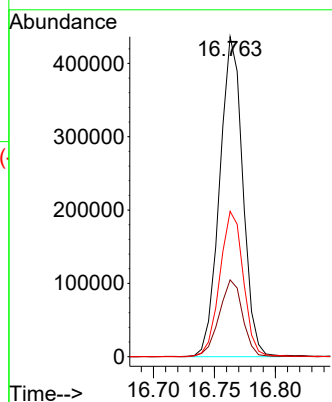
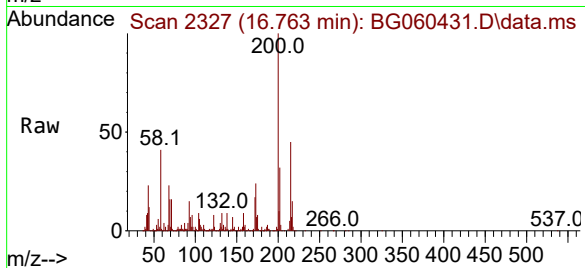
Tgt Ion:200 Resp: 576607

Ion Ratio Lower Upper

200 100

173 24.0 20.3 30.5

215 45.4 36.3 54.5



#71

Pentachlorophenol

Concen: 41.697 ng/ul

RT: 16.957 min Scan# 2360

Delta R.T. -0.005 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

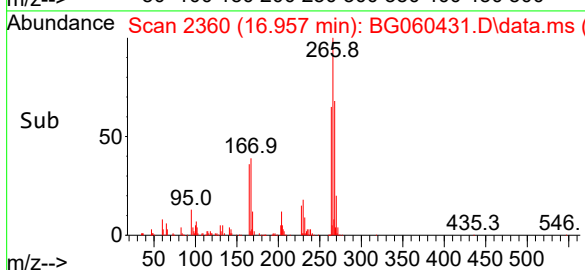
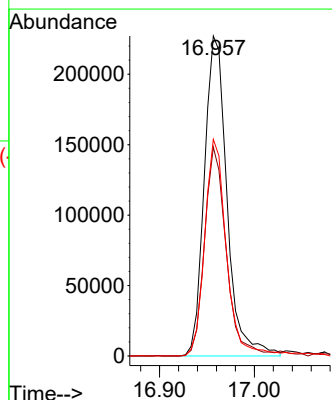
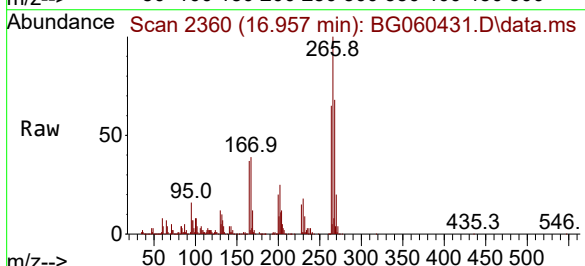
Tgt Ion:266 Resp: 377010

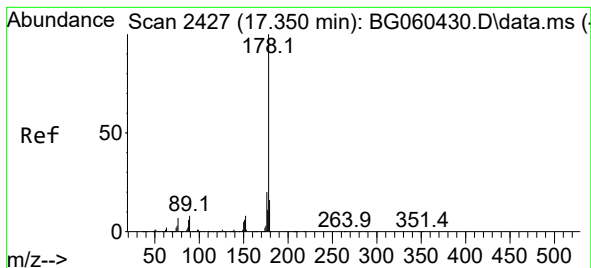
Ion Ratio Lower Upper

266 100

264 65.3 47.0 70.6

268 67.7 48.2 72.2





#72

Phenanthrene

Concen: 42.662 ng/ul

RT: 17.350 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD040402

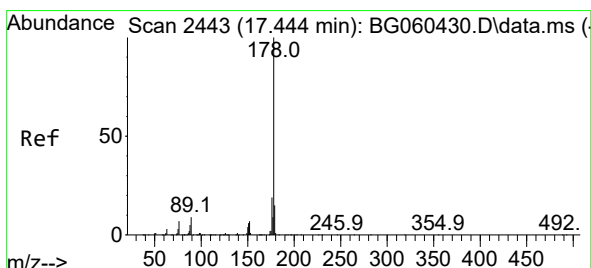
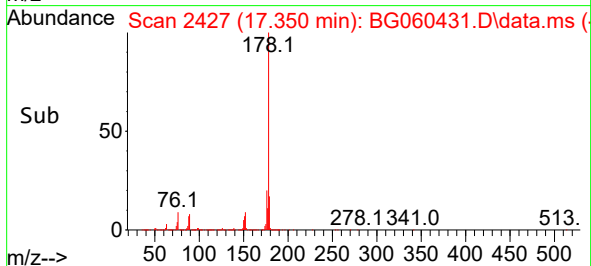
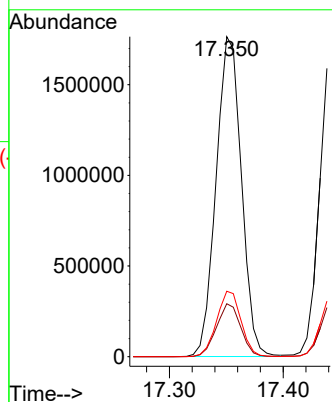
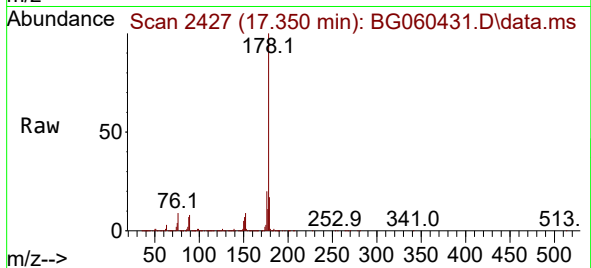
Tgt Ion:178 Resp: 2732493

Ion Ratio Lower Upper

178 100

179 16.6 12.7 19.1

176 20.5 15.7 23.5



#74

Anthracene

Concen: 42.908 ng/ul

RT: 17.444 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

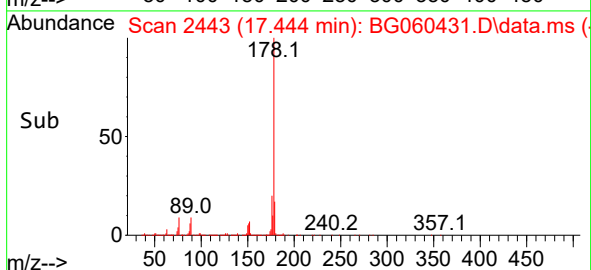
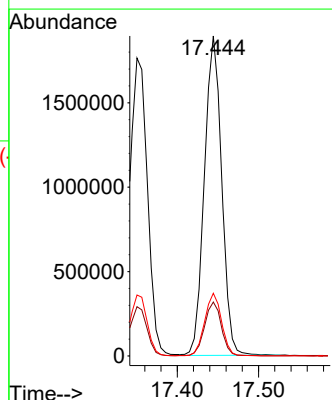
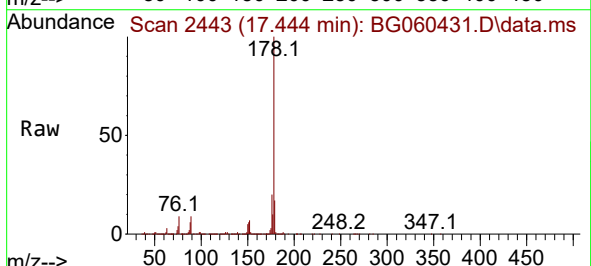
Tgt Ion:178 Resp: 2800515

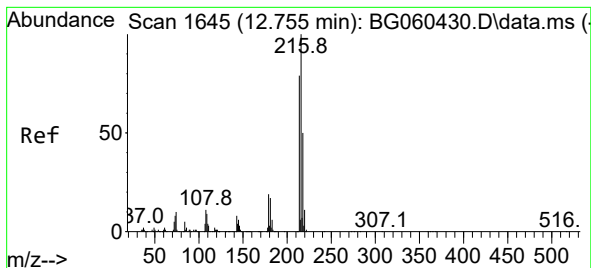
Ion Ratio Lower Upper

178 100

179 16.9 12.2 18.2

176 19.6 15.5 23.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 44.853 ng/uL

RT: 13.361 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD040402

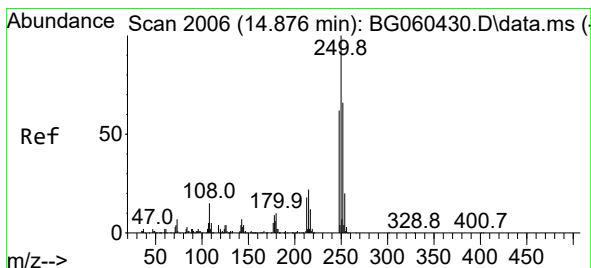
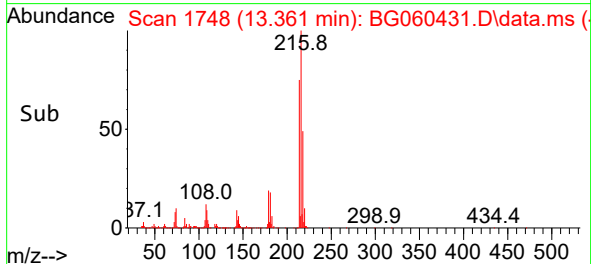
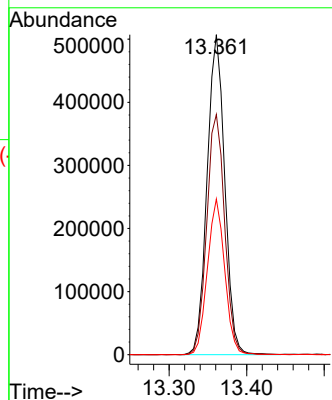
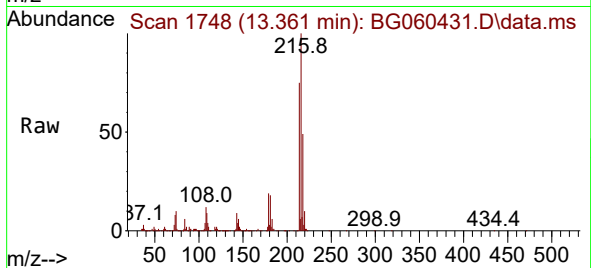
Tgt Ion:216 Resp: 799598

Ion Ratio Lower Upper

216 100

214 75.0 63.0 94.4

218 48.7 39.8 59.6



#76

Pentachlorobenzene

Concen: 44.390 ng/uL

RT: 14.883 min Scan# 2007

Delta R.T. 0.006 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

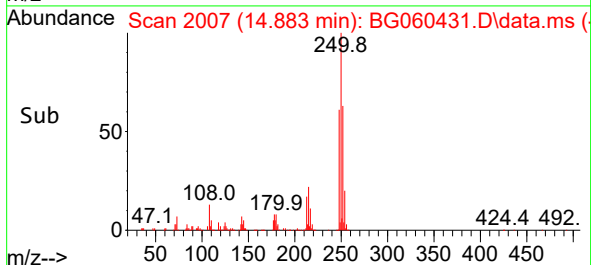
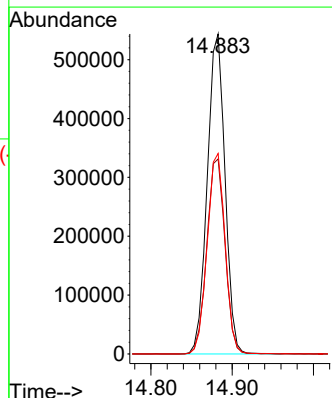
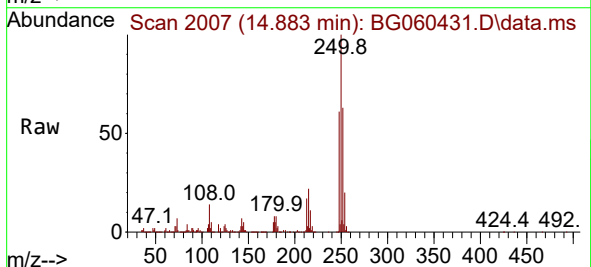
Tgt Ion:250 Resp: 823846

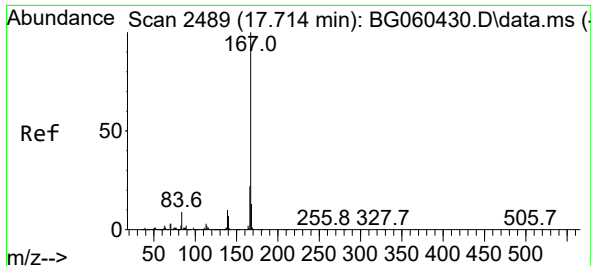
Ion Ratio Lower Upper

250 100

248 61.0 49.8 74.6

252 62.7 52.6 79.0



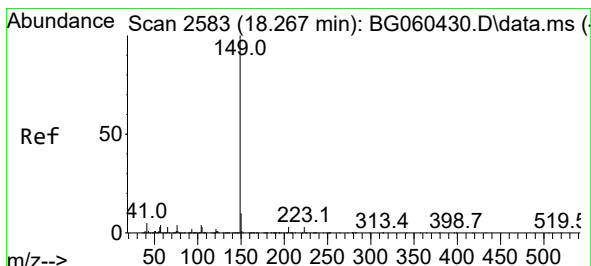
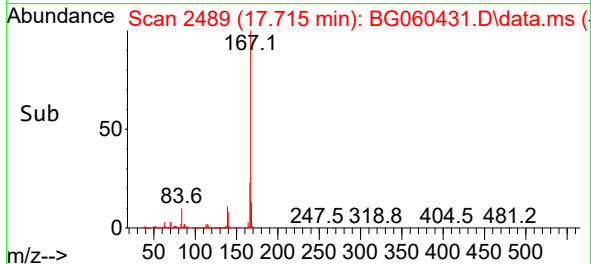
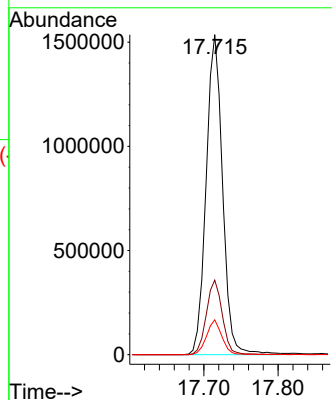
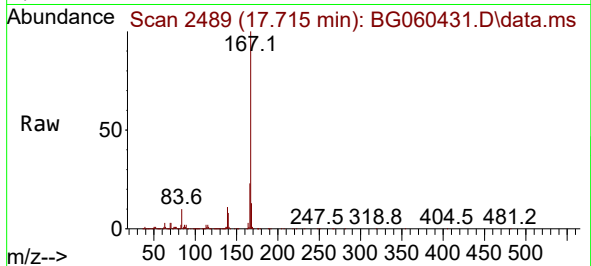


#77
 Carbazole
 Concen: 43.947 ng/ul
 RT: 17.715 min Scan# 2489
 Delta R.T. 0.000 min
 Lab File: BG060431.D
 Acq: 25 Jan 2024 20:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040402

Tgt Ion:167 Resp: 2368973

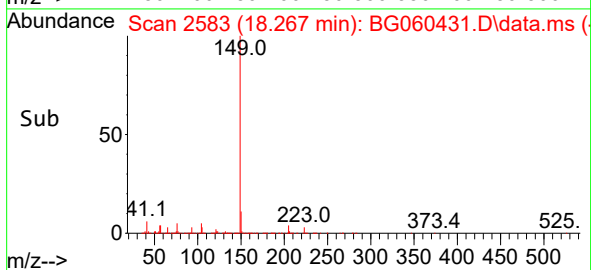
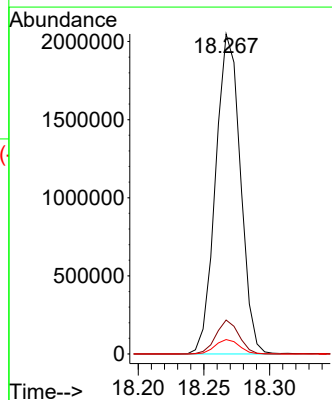
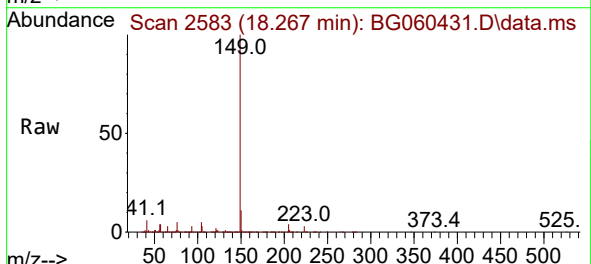
Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.6	26.4
139	10.9	8.0	12.0

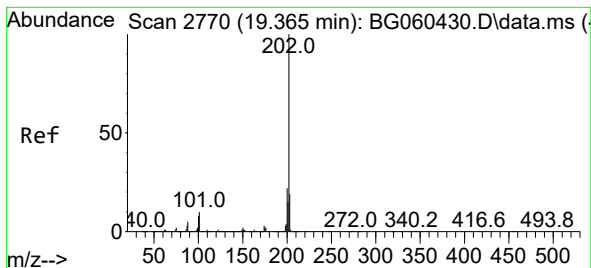


#78
 Di-n-butylphthalate
 Concen: 42.347 ng/ul
 RT: 18.267 min Scan# 2583
 Delta R.T. 0.000 min
 Lab File: BG060431.D
 Acq: 25 Jan 2024 20:17

Tgt Ion:149 Resp: 2691060

Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.7	11.5
104	4.5	3.4	5.0





#80

Fluoranthene

Concen: 41.333 ng/ul

RT: 19.366 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD040402

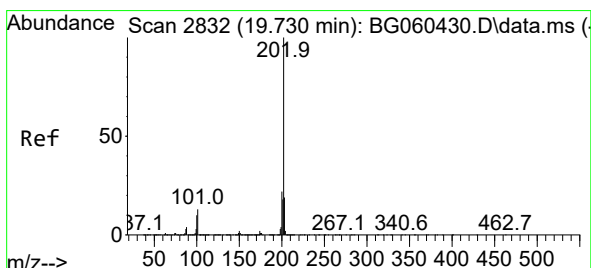
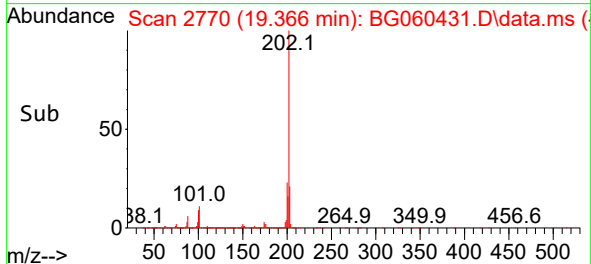
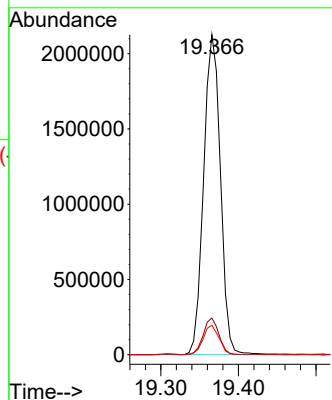
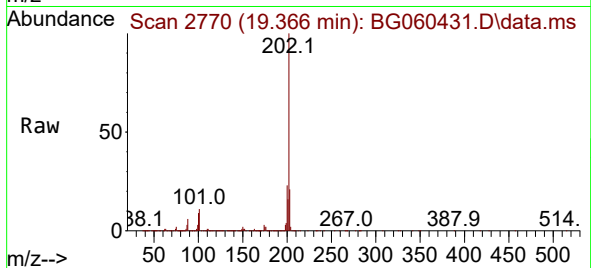
Tgt Ion:202 Resp: 3190313

Ion Ratio Lower Upper

202 100

101 11.5 7.9 11.9

100 9.2 6.4 9.6



#82

Pyrene

Concen: 40.892 ng/ul

RT: 19.730 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

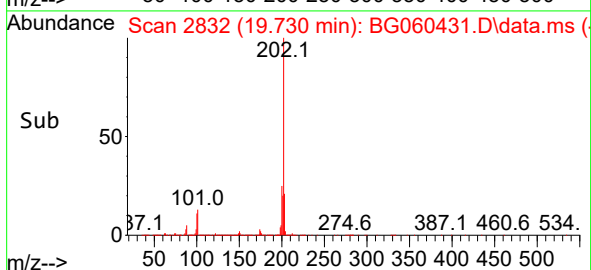
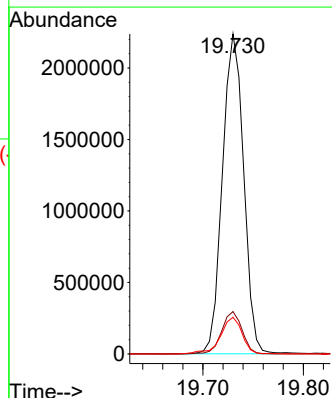
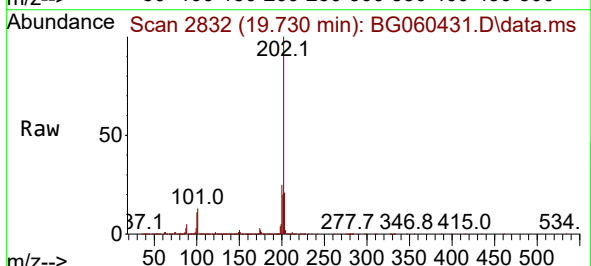
Tgt Ion:202 Resp: 3284878

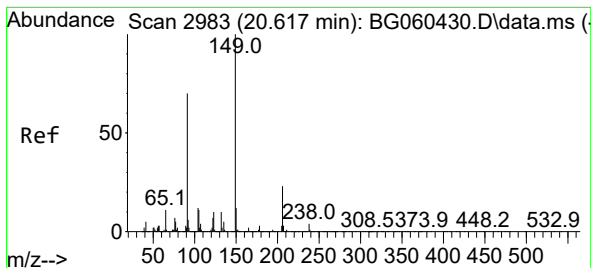
Ion Ratio Lower Upper

202 100

101 13.2 10.0 15.0

100 11.4 8.4 12.6





#83

Butylbenzylphthalate

Concen: 43.425 ng/ul

RT: 20.617 min Scan# 2983

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD040402

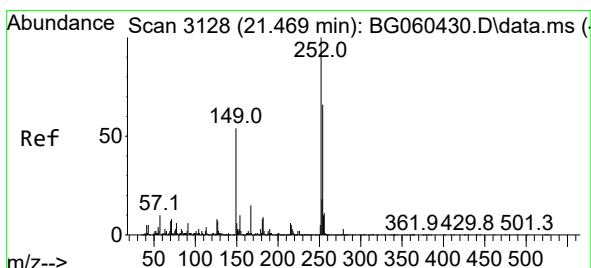
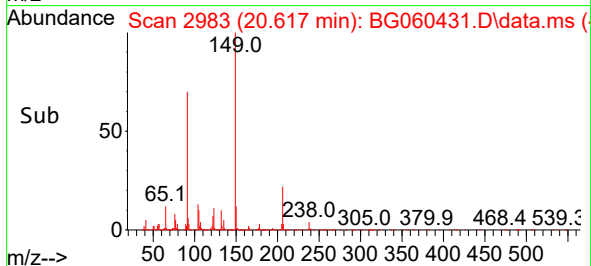
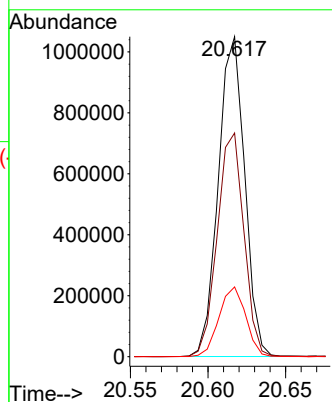
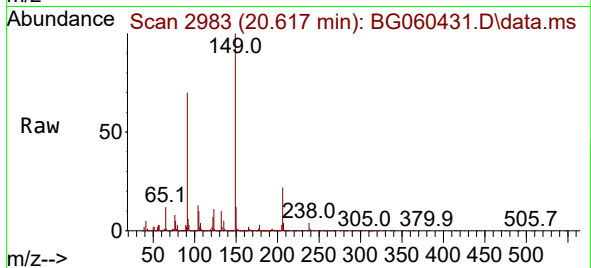
Tgt Ion:149 Resp: 1243360

Ion Ratio Lower Upper

149 100

91 69.9 56.3 84.5

206 21.8 18.1 27.1



#84

3,3'-Dichlorobenzidine

Concen: 44.466 ng/ul

RT: 21.475 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

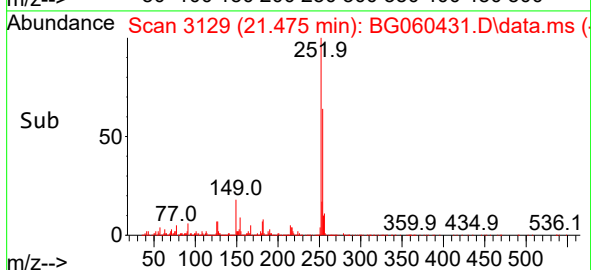
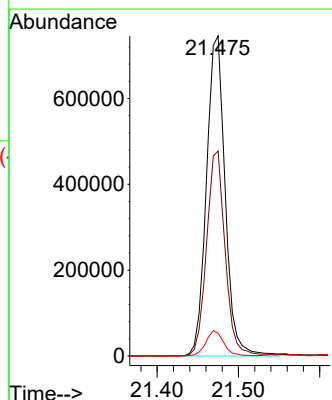
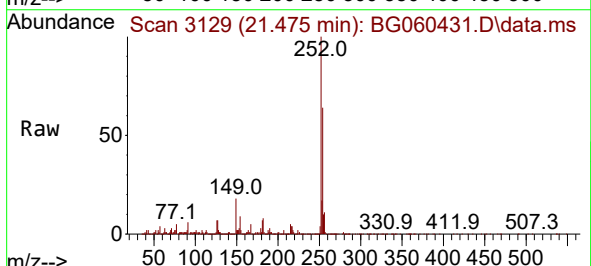
Tgt Ion:252 Resp: 1192872

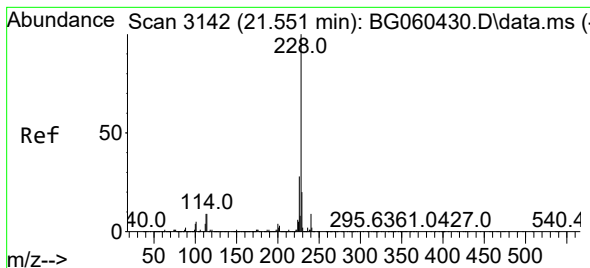
Ion Ratio Lower Upper

252 100

254 64.0 52.8 79.2

126 7.1 6.2 9.4





#85

Benzo(a)anthracene

Concen: 42.349 ng/ul

RT: 21.551 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD040402

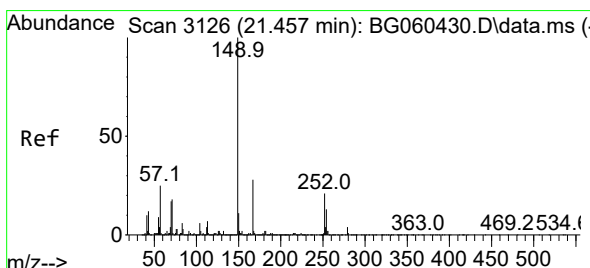
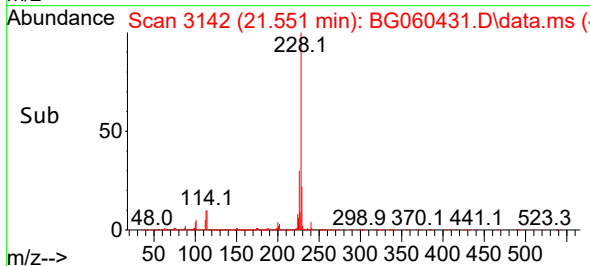
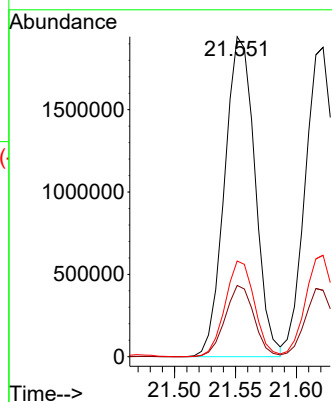
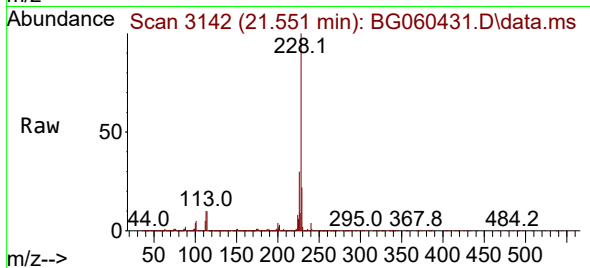
Tgt Ion:228 Resp: 3370038

Ion Ratio Lower Upper

228 100

229 22.2 16.2 24.2

226 29.9 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 42.823 ng/ul

RT: 21.457 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

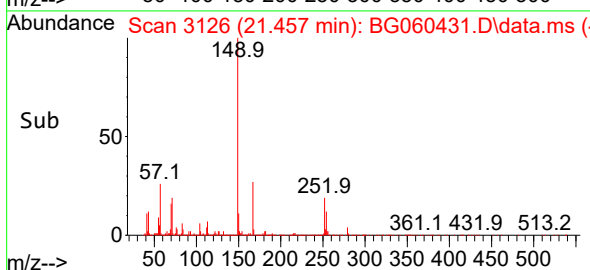
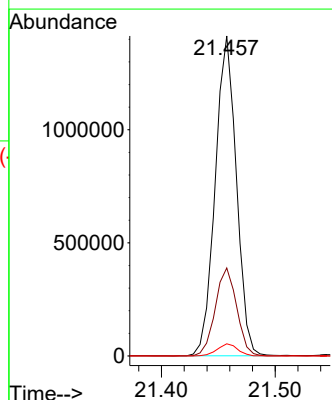
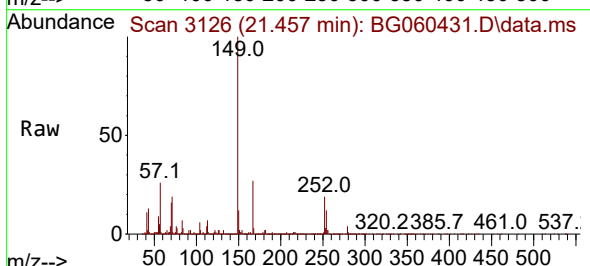
Tgt Ion:149 Resp: 1830179

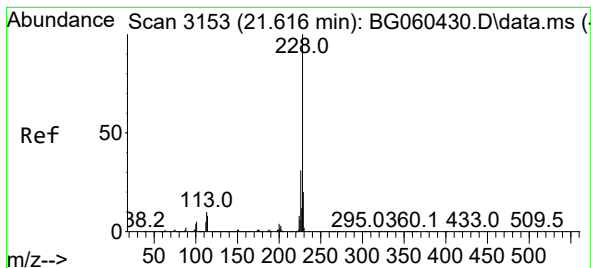
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

279 3.8 3.0 4.4





#87

Chrysene

Concen: 42.029 ng/ul

RT: 21.622 min Scan# 3153

Delta R.T. 0.006 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD040402

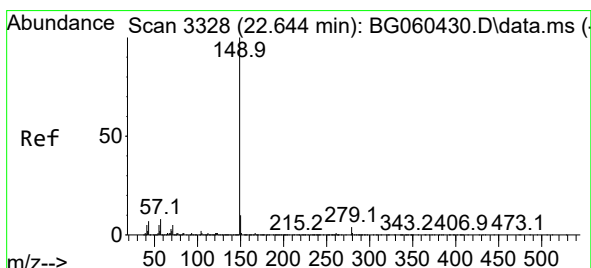
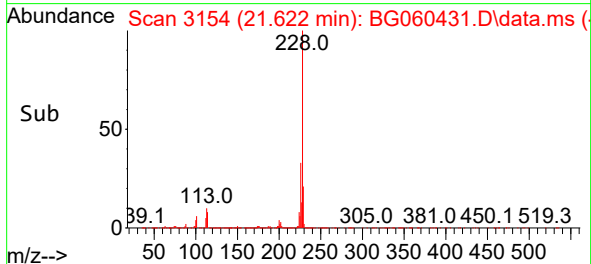
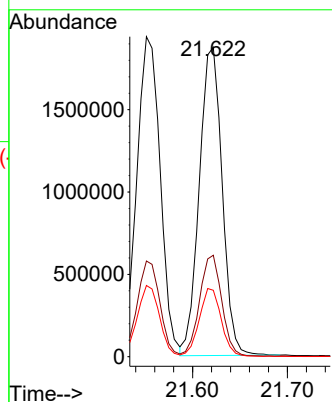
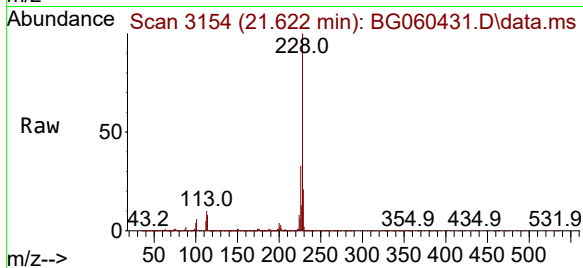
Tgt Ion:228 Resp: 3141737

Ion Ratio Lower Upper

228 100

226 32.8 25.0 37.6

229 21.5 16.2 24.4



#89

Di-n-octyl phthalate

Concen: 46.013 ng/ul

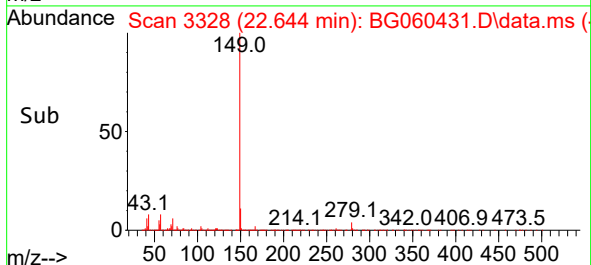
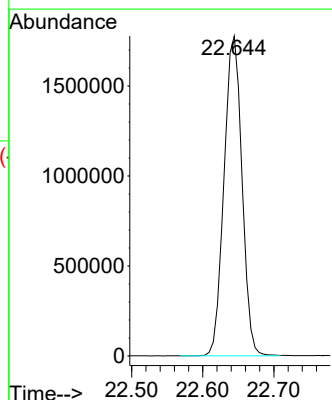
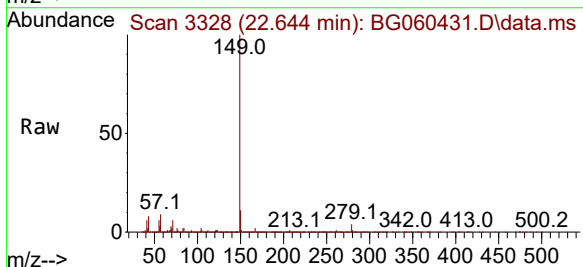
RT: 22.644 min Scan# 3328

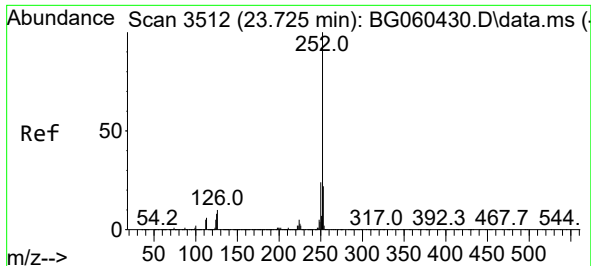
Delta R.T. 0.000 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Tgt Ion:149 Resp: 3113491

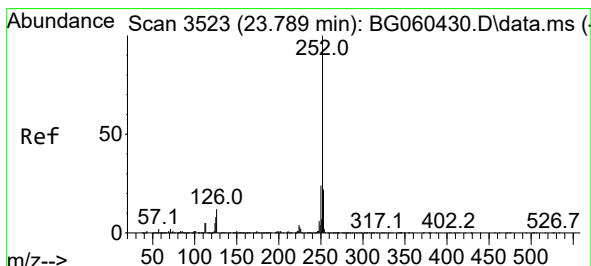
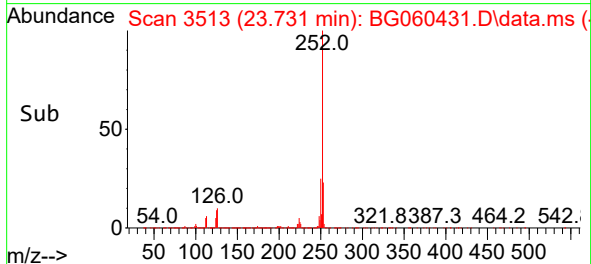
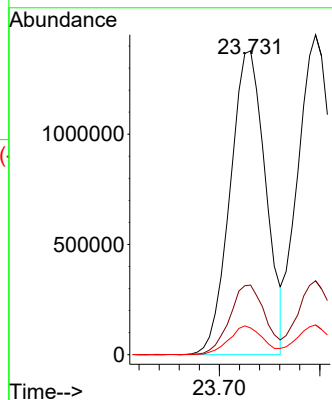
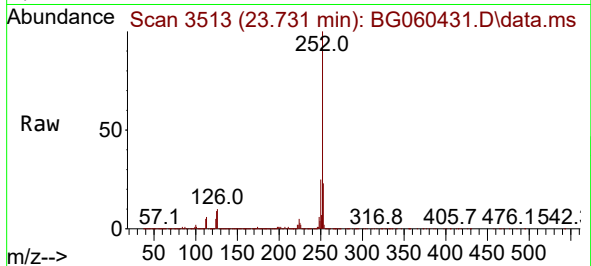




#90
Benzo(b)fluoranthene
Concen: 43.104 ng/ul
RT: 23.731 min Scan# 3513
Delta R.T. 0.006 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

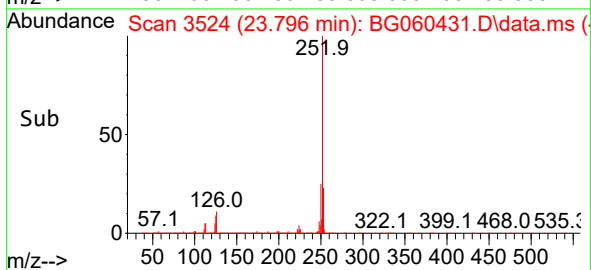
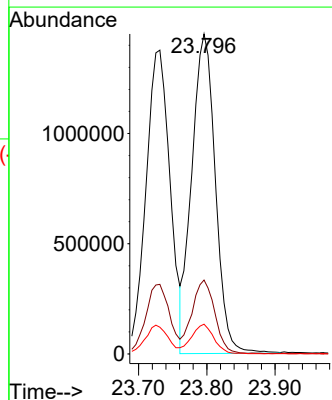
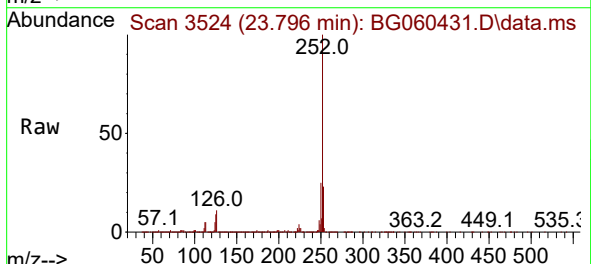
Instrument :
BNA_G
ClientSampleId :
SSTD040402

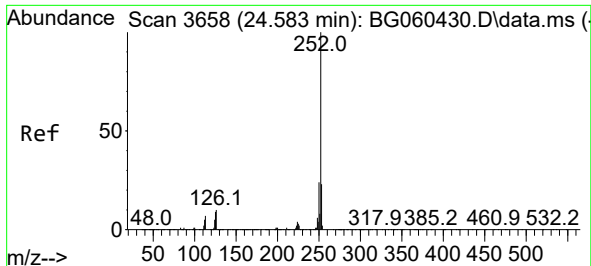
Tgt Ion:252 Resp: 3391469
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 8.8 6.2 9.4



#91
Benzo(k)fluoranthene
Concen: 43.269 ng/ul
RT: 23.796 min Scan# 3524
Delta R.T. 0.006 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion:252 Resp: 3475672
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 9.3 6.8 10.2

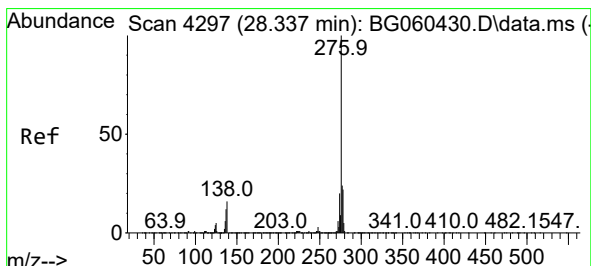
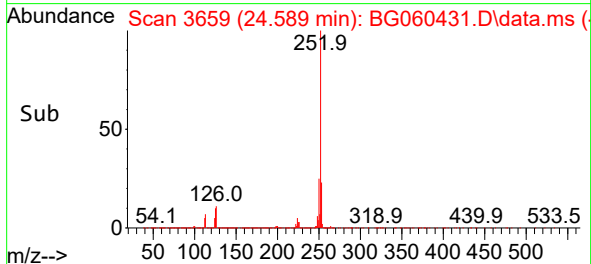
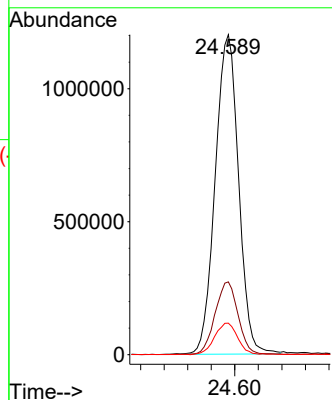
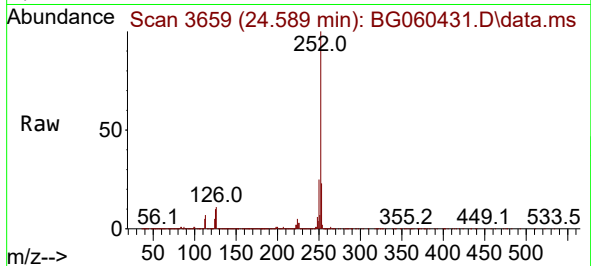




#93
Benzo(a)pyrene
Concen: 43.721 ng/ul
RT: 24.589 min Scan# 3659
Delta R.T. 0.006 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

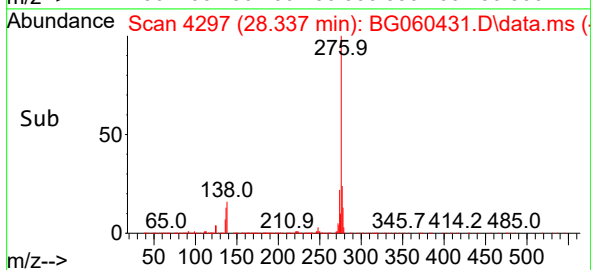
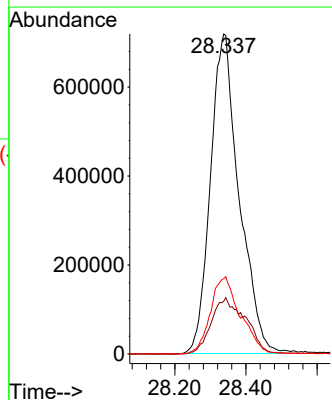
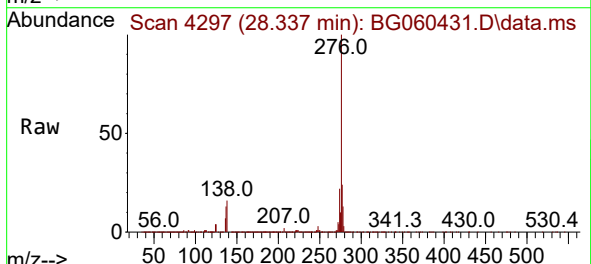
Instrument :
BNA_G
ClientSampleId :
SSTD040402

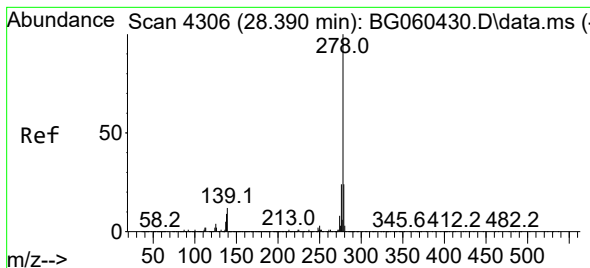
Tgt Ion:252 Resp: 3309398
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 9.9 7.4 11.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 43.392 ng/ul
RT: 28.337 min Scan# 4297
Delta R.T. 0.000 min
Lab File: BG060431.D
Acq: 25 Jan 2024 20:17

Tgt Ion:276 Resp: 4026249
Ion Ratio Lower Upper
276 100
138 16.4 13.0 19.4
277 23.5 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 42.377 ng/ul

RT: 28.396 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD040402

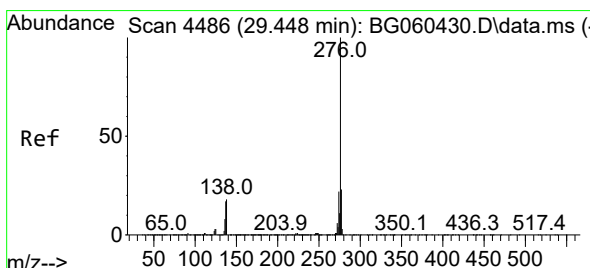
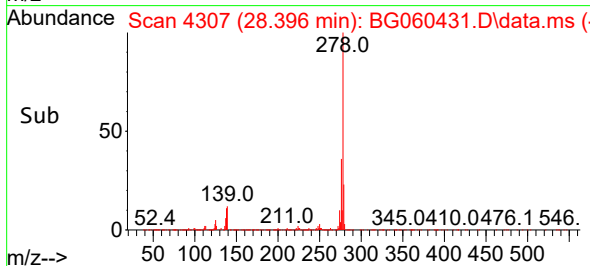
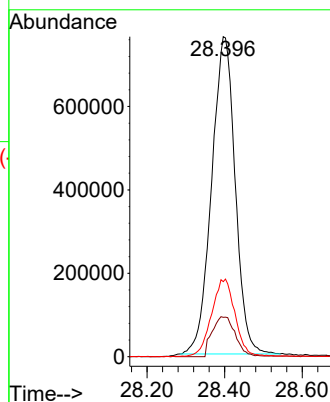
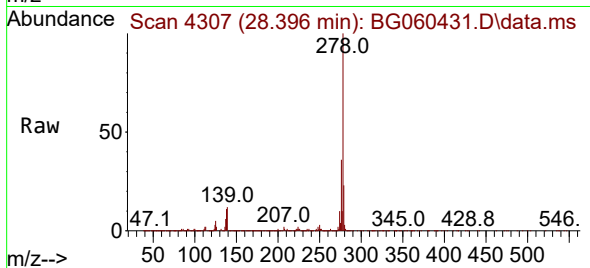
Tgt Ion:278 Resp: 3208060

Ion Ratio Lower Upper

278 100

139 12.3 9.9 14.9

279 23.5 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 43.083 ng/ul

RT: 29.460 min Scan# 4488

Delta R.T. 0.012 min

Lab File: BG060431.D

Acq: 25 Jan 2024 20:17

Tgt Ion:276 Resp: 3236711

Ion Ratio Lower Upper

276 100

138 18.0 14.6 22.0

277 25.3 18.3 27.5

