

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012624\
 Data File : BG060429.D
 Acq On : 25 Jan 2024 18:56
 Operator : MA/JU
 Sample : SSTD01074
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD010449

Quant Time: Jan 26 05:40:22 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	139510	20.000	ng/u1	0.00
20) Naphthalene-d8	10.726	136	644457	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	497712	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.307	188	1291194	20.000	ng/u1	0.00
79) Chrysene-d12	21.572	240	1238520	20.000	ng/u1	0.00
88) Perylene-d12	24.727	264	1374115	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	10364	3.723	ng/uL	0.00
4) Pyridine-d5	3.775	84	81545	9.259	ng/u1	0.00
7) Phenol-d5	7.089	99	120038	9.060	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	77261	9.279	ng/u1	0.00
11) 2-Chlorophenol-d4	7.459	132	87625	9.903	ng/u1	0.00
15) 4-Methylphenol-d8	8.629	113	99174	9.087	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	471	0.099	ng/u1	0.05
24) 2-Nitrophenol-d4	9.809	143	50743	9.136	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.350	165	107806	9.333	ng/u1	0.00
31) 4-Chloroaniline-d4	10.861	131	143893	9.496	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	418187	10.268	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	446498	9.774	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	46197	7.920	ng/u1	0.00
60) Fluorene-d10	15.550	176	356586	9.992	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.673	200	61418	7.682	ng/u1	0.00
73) Anthracene-d10	17.406	188	631404	10.316	ng/u1	0.00
81) Pyrene-d10	19.698	212	771530	10.394	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.510	264	699816	9.708	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	10902	3.637	ng/uL#	82
5) Pyridine	3.793	79	83609	9.338	ng/u1	99
6) Benzaldehyde	7.066	77	56101	11.139	ng/u1	94
8) Phenol	7.113	94	128709	9.293	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.342	93	101171	9.171	ng/u1	97
12) 2-Chlorophenol	7.489	128	88448	9.691	ng/u1	99
13) 2-Methylphenol	8.364	108	97041	9.067	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.446	45	141695	9.733	ng/u1	98
16) Acetophenone	8.746	105	164573	9.462	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.723	70	92488	9.861	ng/u1#	98
18) 4-Methylphenol	8.693	108	101058	8.781	ng/u1	99
19) Hexachloroethane	9.005	117	39920	9.893	ng/u1	93
22) Nitrobenzene	9.128	77	120893	9.296	ng/u1	95
23) Isophorone	9.645	82	283996	10.073	ng/u1	97
25) 2-Nitrophenol	9.839	139	49265	8.725	ng/u1	96
26) 2,4-Dimethylphenol	9.898	107	110652	9.497	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.133	93	151953	9.468	ng/u1	98
29) 2,4-Dichlorophenol	10.374	162	105496	9.501	ng/u1	97
30) Naphthalene	10.779	128	337215	9.697	ng/u1	98
32) 4-Chloroaniline	10.885	127	142328	9.573	ng/u1	96
33) Hexachlorobutadiene	11.061	225	88104	9.556	ng/u1	93
34) Caprolactam	11.637	113	38547	10.463	ng/u1	91
35) 4-Chloro-3-methylphenol	12.013	107	104540	9.391	ng/u1	99
36) 2-Methylnaphthalene	12.383	142	241784	9.891	ng/u1	93

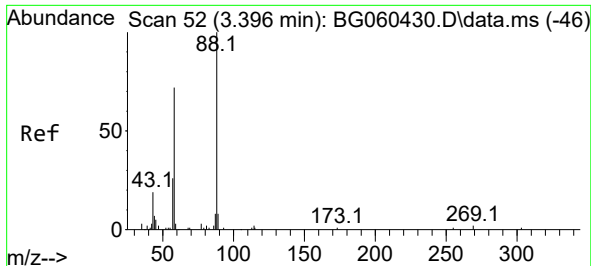
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012624\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.606	142	242532	9.816	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.753	216	167189	9.230	ng/ul	97
40) Hexachlorocyclopentadiene	12.730	237	80442	7.344	ng/ul	95
41) 2,4,6-Trichlorophenol	12.994	196	102398	9.273	ng/ul	94
42) 2,4,5-Trichlorophenol	13.065	196	112777	9.665	ng/ul	95
43) 1,1'-Biphenyl	13.394	154	359105	9.740	ng/ul	98
44) 2-Chloronaphthalene	13.435	162	299296	9.615	ng/ul	96
45) 2-Nitroaniline	13.646	65	69635	8.888	ng/ul	96
47) Dimethylphthalate	14.010	163	417360	10.266	ng/ul	98
48) 2,6-Dinitrotoluene	14.134	165	68735	8.965	ng/ul	97
50) Acenaphthylene	14.281	152	498752	9.896	ng/ul	99
51) 3-Nitroaniline	14.469	138	59345	9.208	ng/ul	93
52) Acenaphthene	14.627	153	333800	9.929	ng/ul	97
53) 2,4-Dinitrophenol	14.674	184	20626	4.929	ng/ul	94
55) 4-Nitrophenol	14.774	109	34282	8.632	ng/ul	95
56) Dibenzofuran	14.956	168	483799	10.193	ng/ul	98
57) 2,4-Dinitrotoluene	14.921	165	109110	9.712	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.186	232	104592	9.645	ng/ul#	96
59) Diethylphthalate	15.374	149	407693	10.430	ng/ul	99
61) Fluorene	15.609	166	395001	10.144	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.603	204	215915	10.046	ng/ul	97
63) 4-Nitroaniline	15.626	138	56706	8.981	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.685	198	63874	7.638	ng/ul	94
67) N-Nitrosodiphenylamine	15.814	169	338759	9.673	ng/ul	96
68) 4-Bromophenyl-phenylether	16.496	248	144469	9.631	ng/ul	97
69) Hexachlorobenzene	16.613	284	171556	9.859	ng/ul	97
70) Atrazine	16.760	200	149629	10.393	ng/ul	96
71) Pentachlorophenol	16.960	266	71508	7.462	ng/ul	96
72) Phenanthrene	17.354	178	698844	10.294	ng/ul	98
74) Anthracene	17.442	178	703851	10.175	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.358	216	171950	9.100	ng/uL	99
76) Pentachlorobenzene	14.880	250	185782	9.444	ng/uL	94
77) Carbazole	17.712	167	624819	10.936	ng/ul	99
78) Di-n-butylphthalate	18.270	149	711299	10.560	ng/ul	98
80) Fluoranthene	19.363	202	877245	10.590	ng/ul	99
82) Pyrene	19.727	202	927420	10.758	ng/ul	99
83) Butylbenzylphthalate	20.614	149	303287	9.870	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.472	252	299948	10.418	ng/ul	98
85) Benzo(a)anthracene	21.549	228	879781	10.302	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.455	149	456373	9.950	ng/ul	97
87) Chrysene	21.613	228	822593	10.254	ng/ul	96
89) Di-n-octyl phthalate	22.642	149	768150	10.475	ng/ul	100
90) Benzo(b)fluoranthene	23.723	252	828413	9.715	ng/ul	99
91) Benzo(k)fluoranthene	23.787	252	879628	10.105	ng/ul	99
93) Benzo(a)pyrene	24.580	252	800527	9.759	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.317	276	972022	9.667	ng/ul	97
95) Dibenzo(a,h)anthracene	28.382	278	790415	9.635	ng/ul	99
96) Benzo(g,h,i)perylene	29.445	276	770902	9.469	ng/ul	97

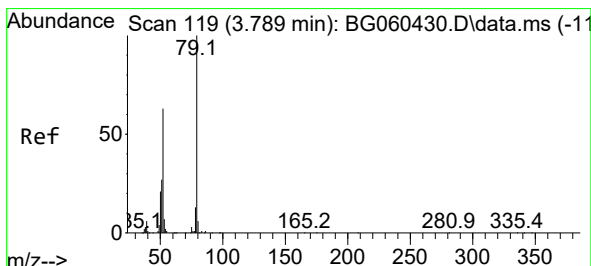
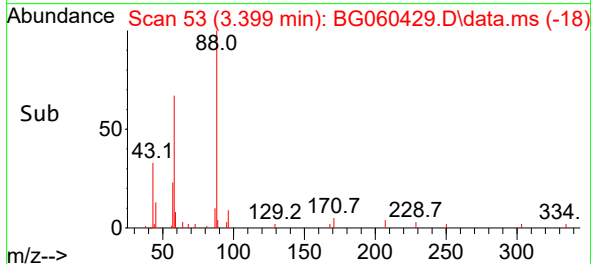
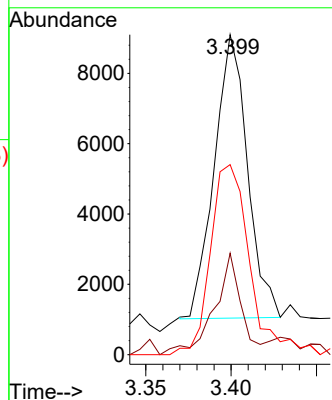
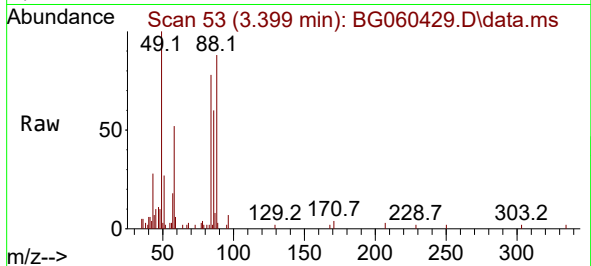
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#2
1,4-Dioxane
Concen: 3.637 ng/uL
RT: 3.399 min Scan# 51
Delta R.T. 0.004 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

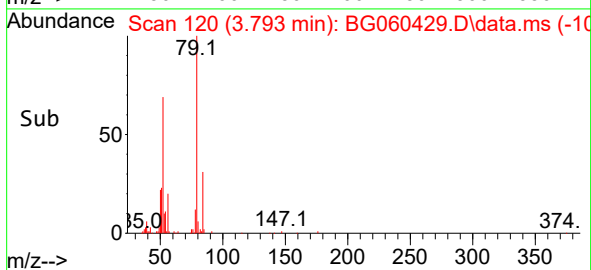
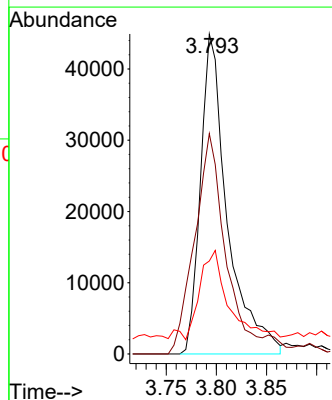
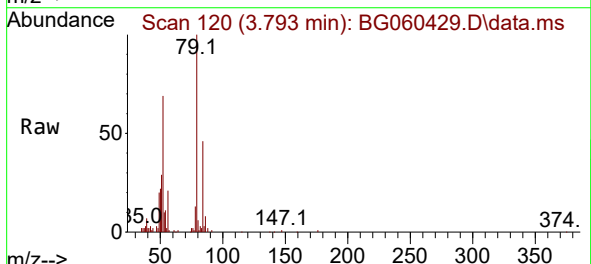
Instrument :
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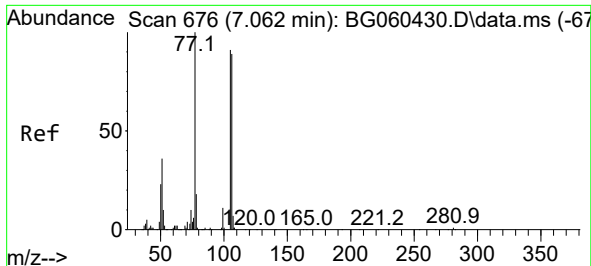
Tgt Ion: 88 Resp: 10902
Ion Ratio Lower Upper
88 100
43 31.7 15.4 23.0#
58 59.4 57.8 86.8



#5
Pyridine
Concen: 9.338 ng/uL
RT: 3.793 min Scan# 120
Delta R.T. 0.004 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion: 79 Resp: 83609
Ion Ratio Lower Upper
79 100
52 68.9 55.8 83.6
51 29.0 23.1 34.7

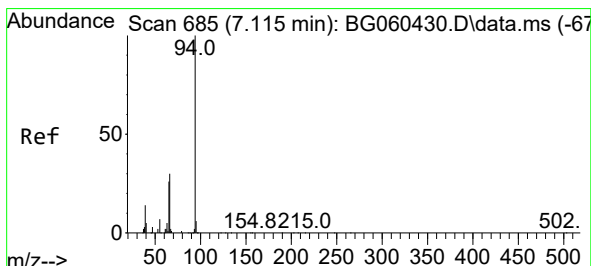
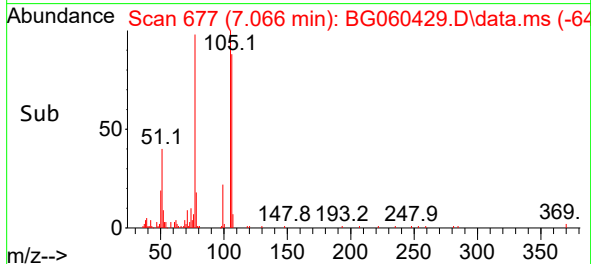
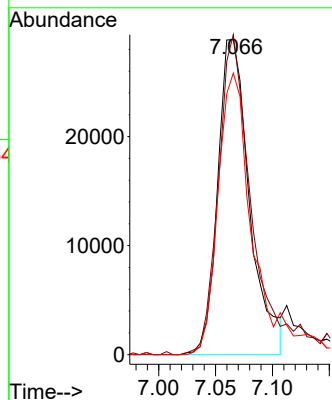
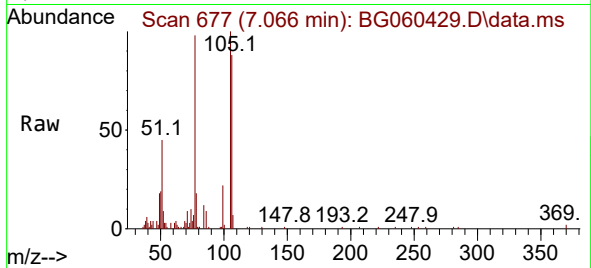




#6
Benzaldehyde
Concen: 11.139 ng/ul
RT: 7.066 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

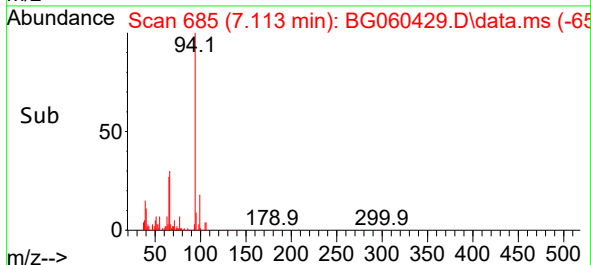
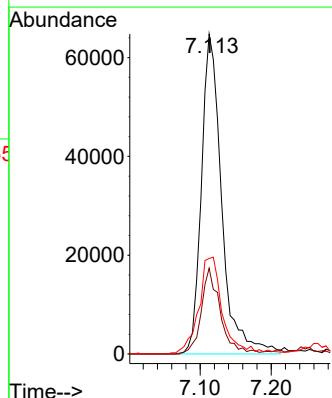
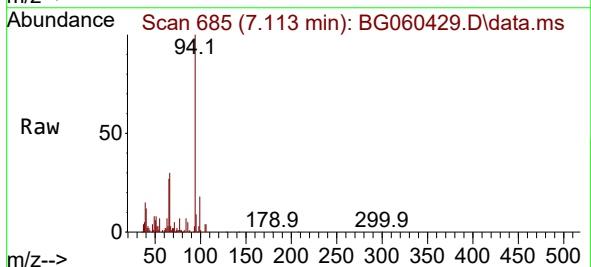
Instrument :
BNA_G
ClientSampleId :
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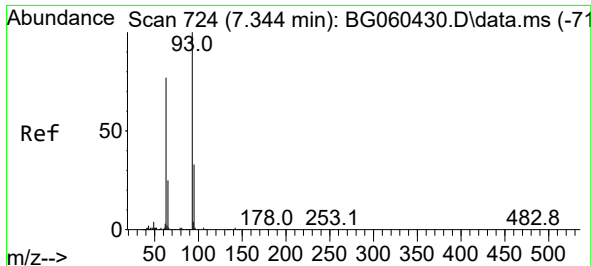
Tgt Ion: 77 Resp: 56101
Ion Ratio Lower Upper
77 100
105 101.6 73.1 109.7
106 89.3 71.1 106.7



#8
Phenol
Concen: 9.293 ng/ul
RT: 7.113 min Scan# 685
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion: 94 Resp: 128709
Ion Ratio Lower Upper
94 100
65 26.8 20.8 31.2
66 29.9 26.3 39.5

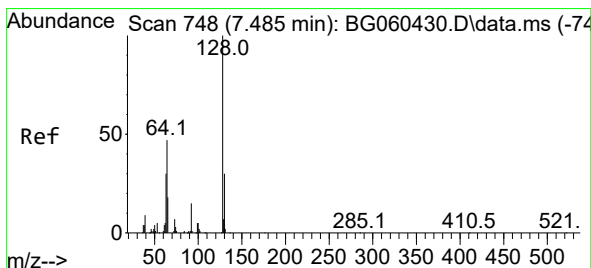
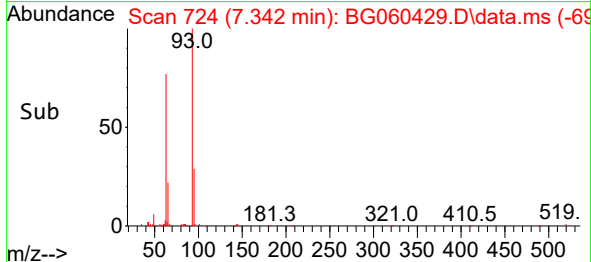
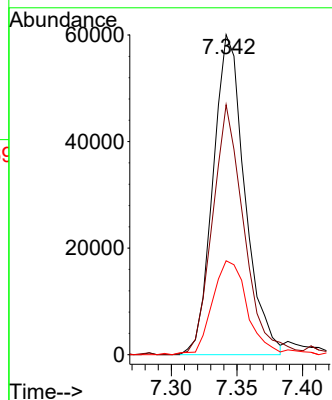
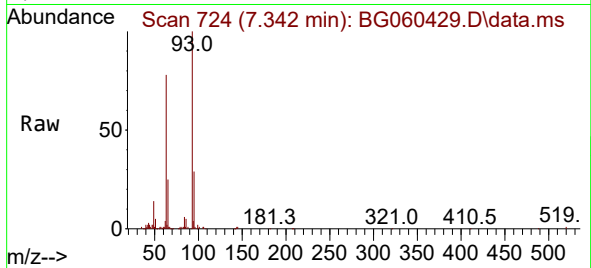




#10
Bis(2-Chloroethyl)ether
Concen: 9.171 ng/ul
RT: 7.342 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

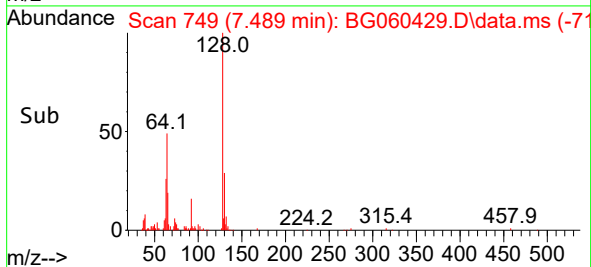
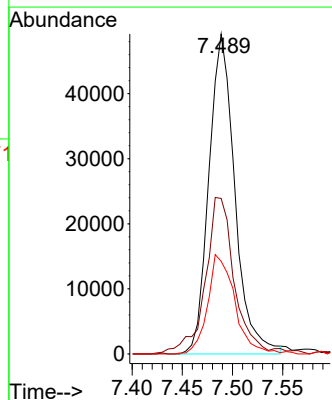
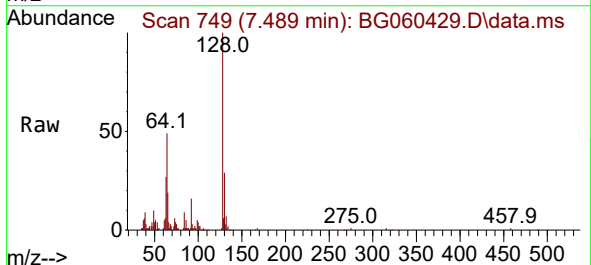
Instrument :
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ClientSampleId :
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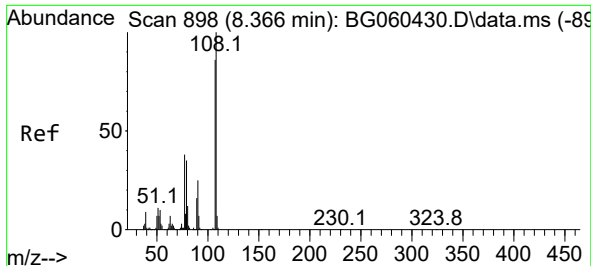
Tgt Ion: 93 Resp: 101171
Ion Ratio Lower Upper
93 100
63 78.1 61.4 92.0
95 29.4 26.2 39.2



#12
2-Chlorophenol
Concen: 9.691 ng/ul
RT: 7.489 min Scan# 749
Delta R.T. 0.004 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:128 Resp: 88448
Ion Ratio Lower Upper
128 100
64 48.6 39.6 59.4
130 28.9 23.8 35.8





#13

2-Methylphenol

Concen: 9.067 ng/ul

RT: 8.364 min Scan# 898

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Instrument :

BNA_G

ClientSampleId :

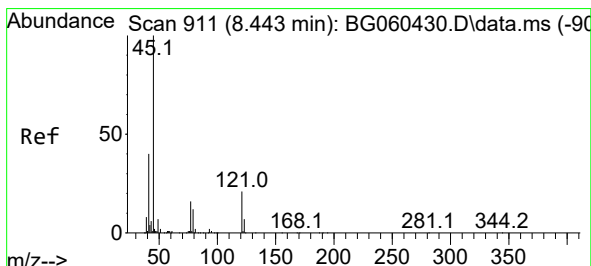
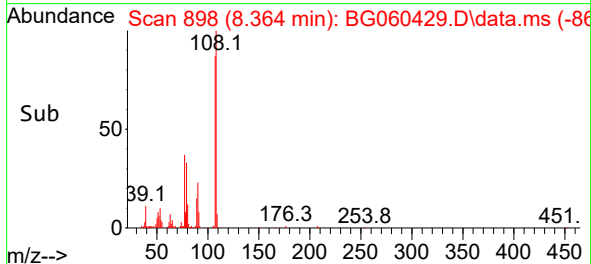
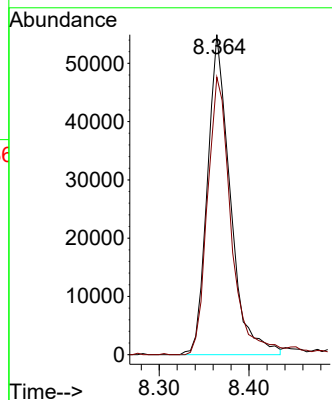
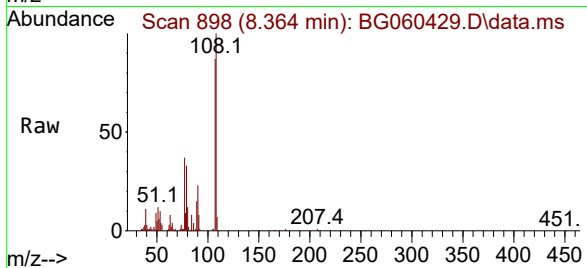
SSTD010449

Tgt Ion:108 Resp: 97041

Ion Ratio Lower Upper

108 100

107 86.8 68.9 103.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 9.733 ng/ul

RT: 8.446 min Scan# 912

Delta R.T. 0.004 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

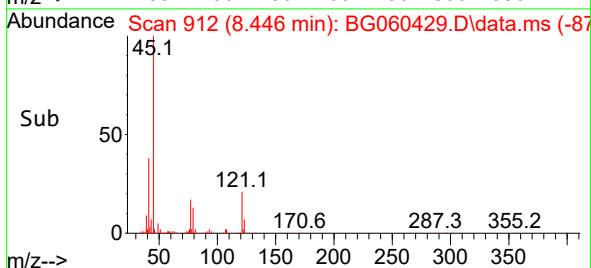
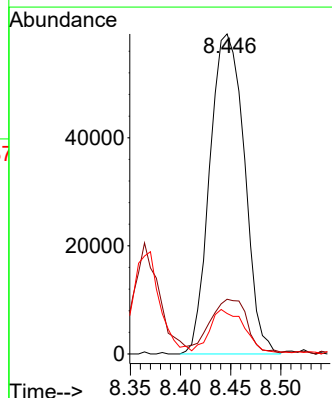
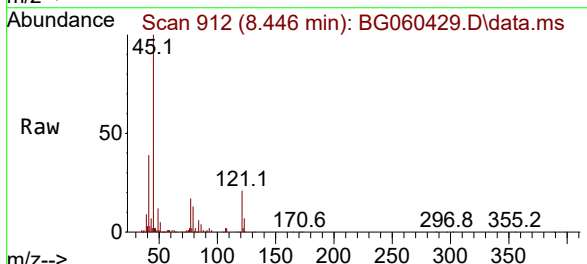
Tgt Ion: 45 Resp: 141695

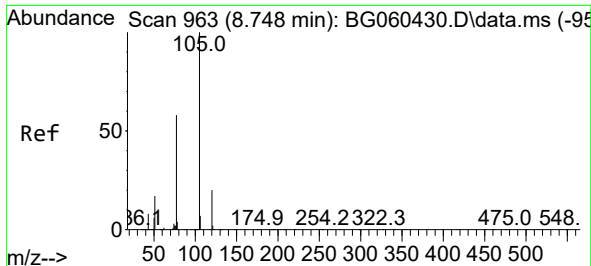
Ion Ratio Lower Upper

45 100

77 17.1 14.2 21.4

79 12.7 10.9 16.3

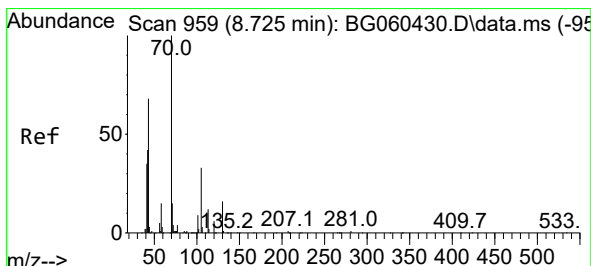
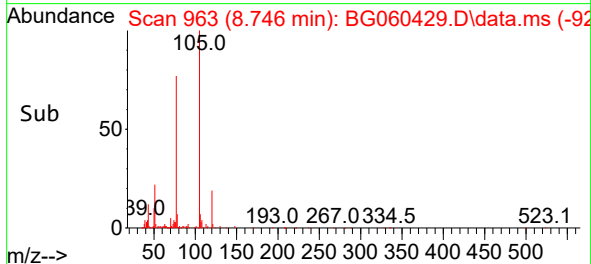
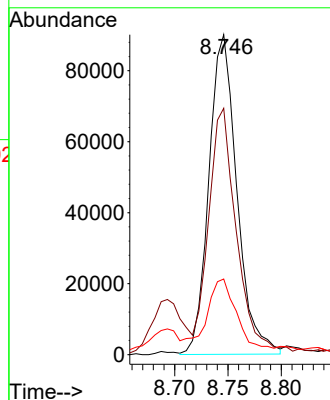
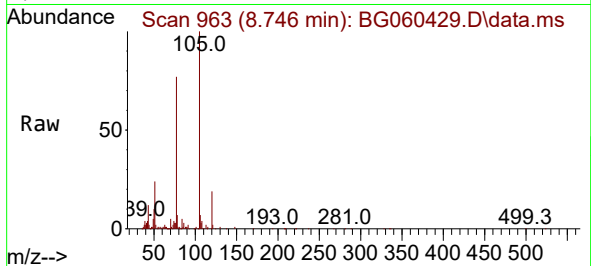




#16
Acetophenone
Concen: 9.462 ng/ul
RT: 8.746 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

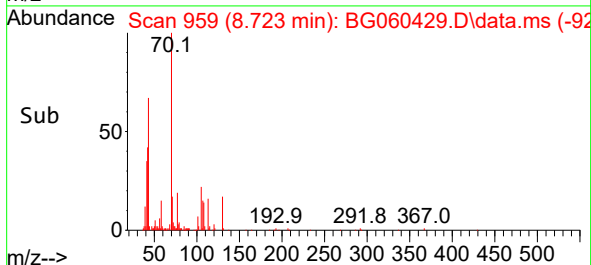
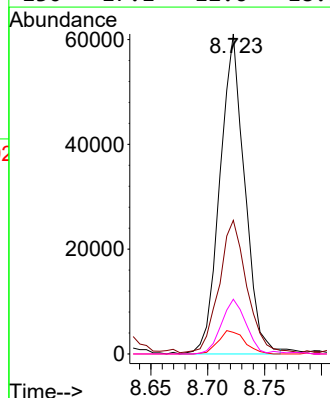
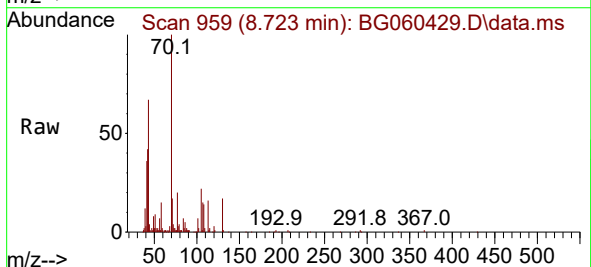
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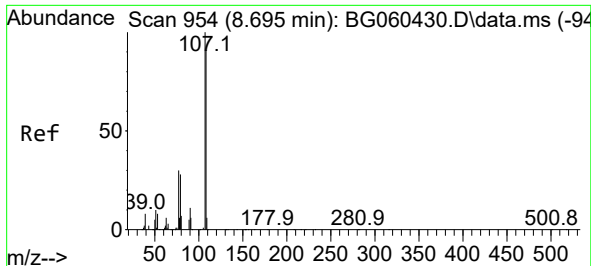
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Ion Ratio Lower Upper
105 100
77 77.0 59.1 88.7
51 23.7 18.2 27.2



#17
N-Nitroso-di-n-propylamine
Concen: 9.861 ng/ul
RT: 8.723 min Scan# 959
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion: 70 Resp: 92488
Ion Ratio Lower Upper
70 100
42 41.8 33.8 50.8
101 6.8 6.9 10.3#
130 17.1 12.6 18.8

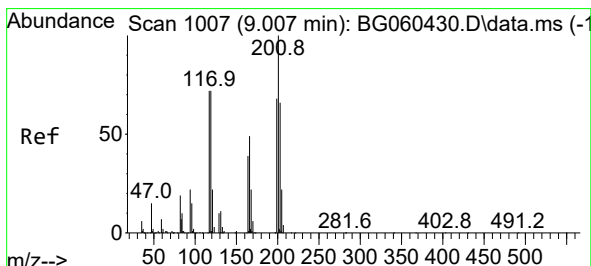
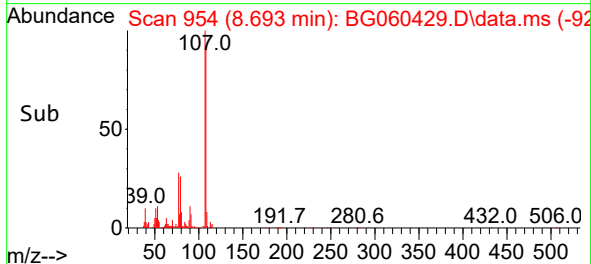
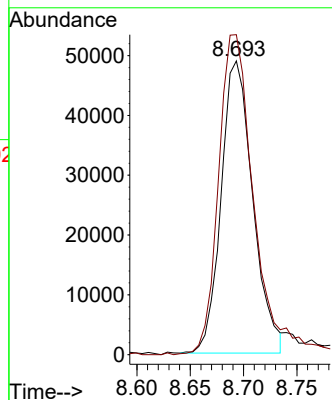
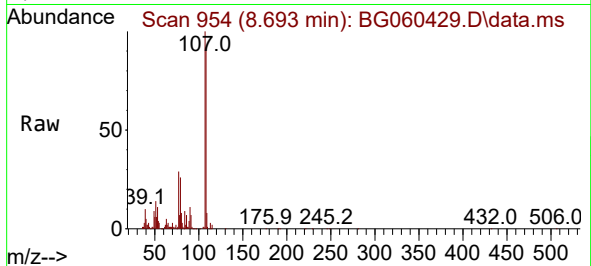




#18
4-Methylphenol
Concen: 8.781 ng/ul
RT: 8.693 min Scan# 910
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

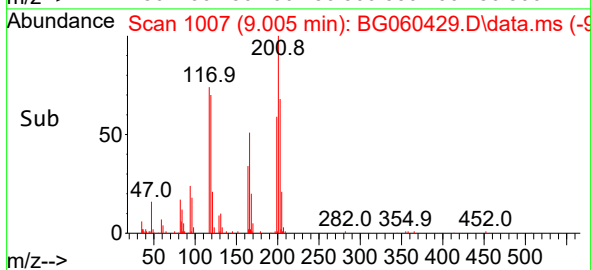
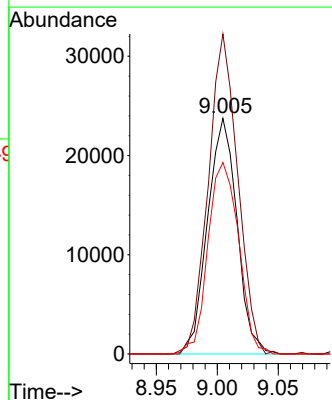
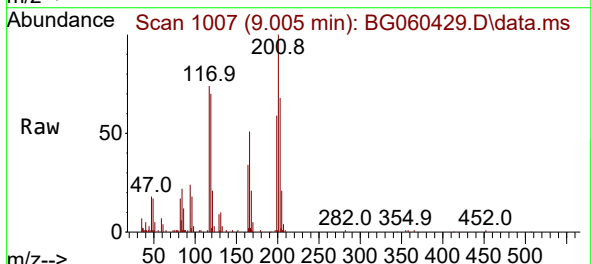
Instrument :
BNA_G
ClientSampleId :
SSTD010449

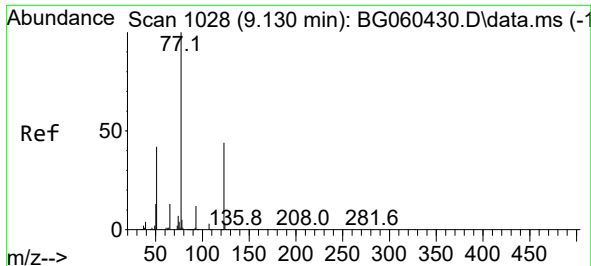
Tgt Ion:108 Resp: 101058
Ion Ratio Lower Upper
108 100
107 108.9 88.2 132.4



#19
Hexachloroethane
Concen: 9.893 ng/ul
RT: 9.005 min Scan# 1007
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:117 Resp: 39920
Ion Ratio Lower Upper
117 100
201 135.9 110.8 166.2
199 81.3 75.7 113.5

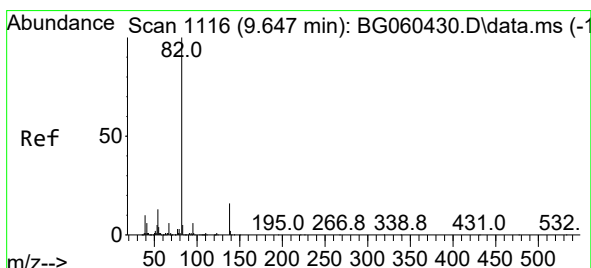
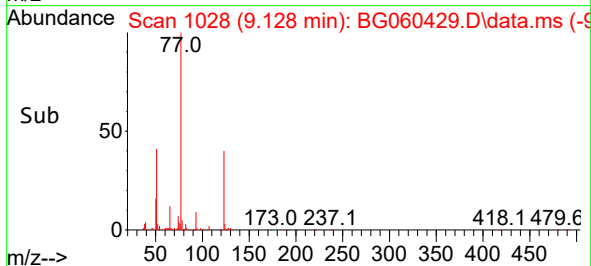
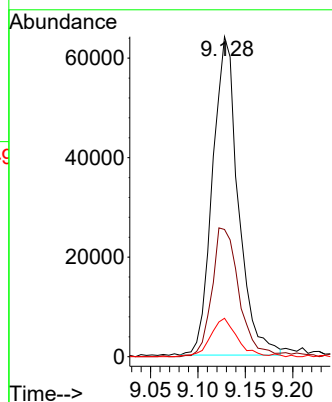
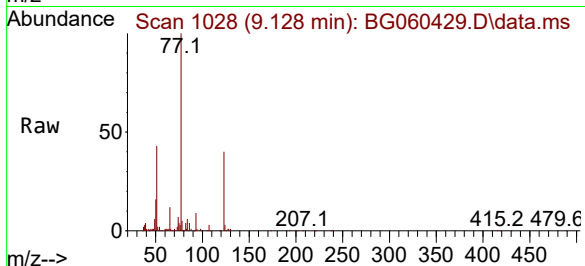




#22
Nitrobenzene
Concen: 9.296 ng/ul
RT: 9.128 min Scan# 1028
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

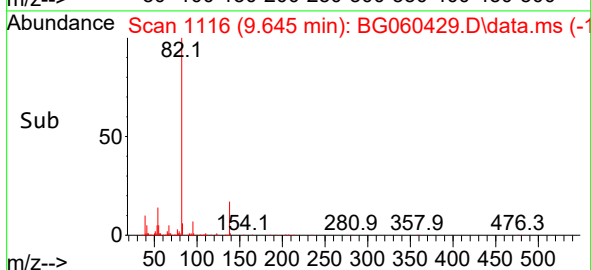
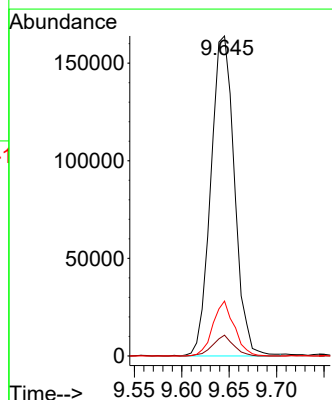
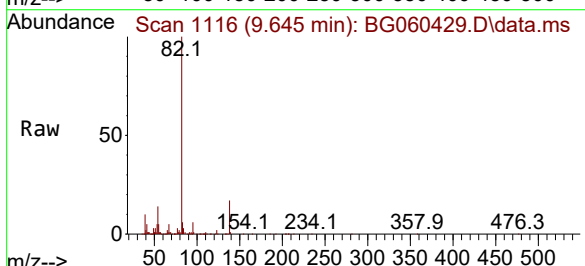
Instrument :
BNA_G
ClientSampleId :
SSTD010449

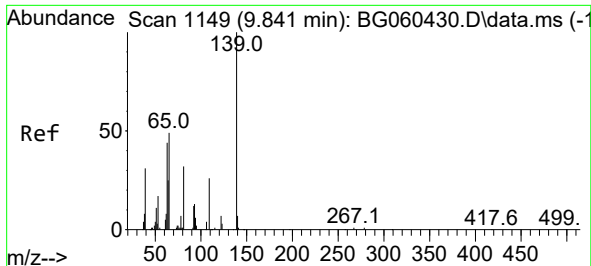
Tgt Ion: 77 Resp: 120893
Ion Ratio Lower Upper
77 100
123 39.8 35.0 52.6
65 12.0 10.5 15.7



#23
Isophorone
Concen: 10.073 ng/ul
RT: 9.645 min Scan# 1116
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion: 82 Resp: 283996
Ion Ratio Lower Upper
82 100
95 6.5 4.9 7.3
138 17.2 12.5 18.7

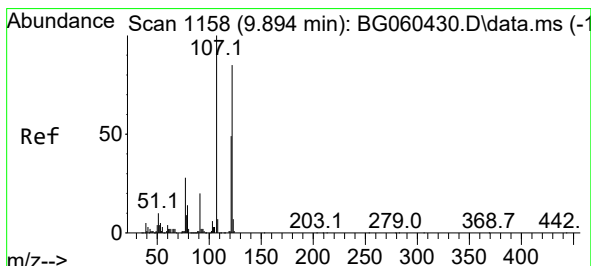
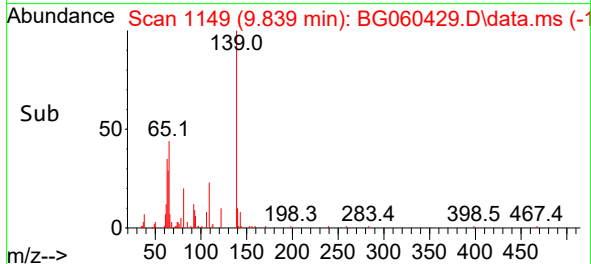
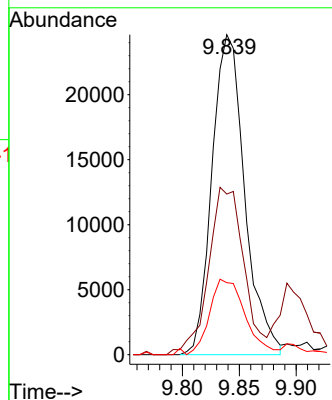
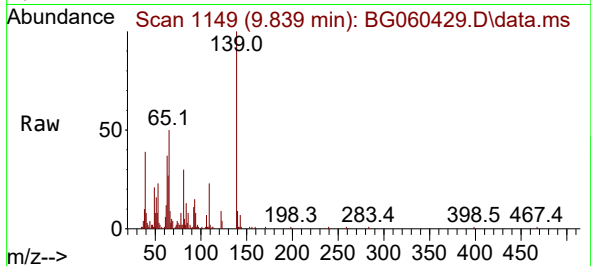




#25
2-Nitrophenol
Concen: 8.725 ng/ul
RT: 9.839 min Scan# 1149
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

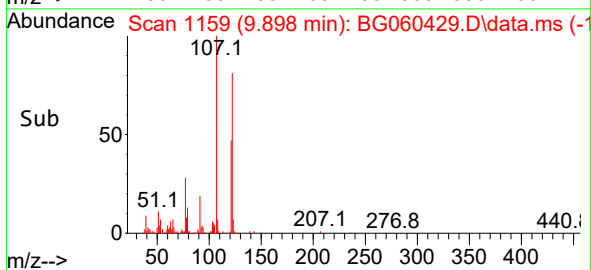
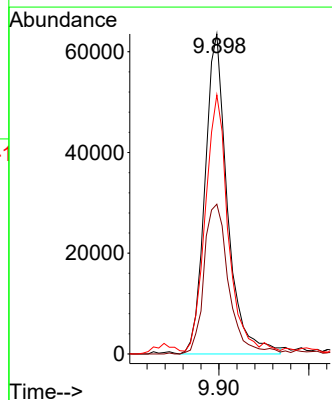
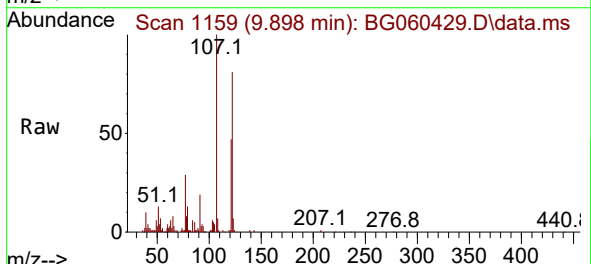
Instrument :
BNA_G
ClientSampleId :
SSTD010449

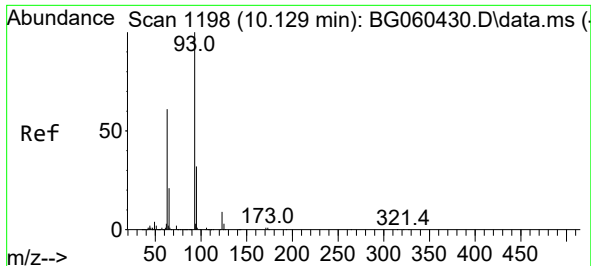
Tgt Ion:139 Resp: 49265
Ion Ratio Lower Upper
139 100
65 50.2 41.0 61.4
109 22.5 21.4 32.0



#26
2,4-Dimethylphenol
Concen: 9.497 ng/ul
RT: 9.898 min Scan# 1159
Delta R.T. 0.004 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:107 Resp: 110652
Ion Ratio Lower Upper
107 100
121 46.8 39.2 58.8
122 81.0 68.6 102.8

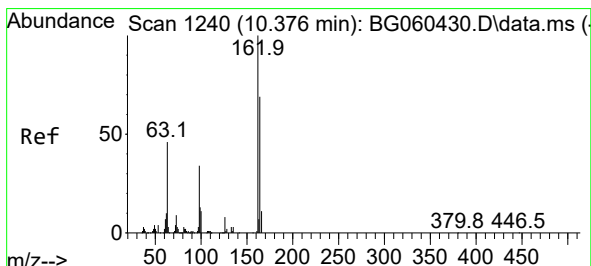
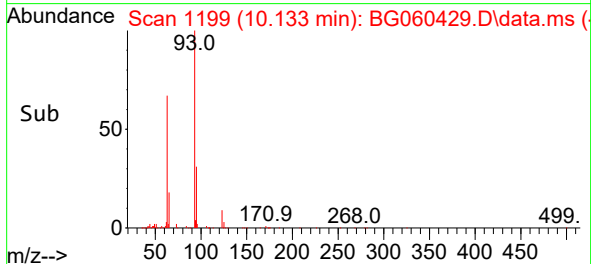
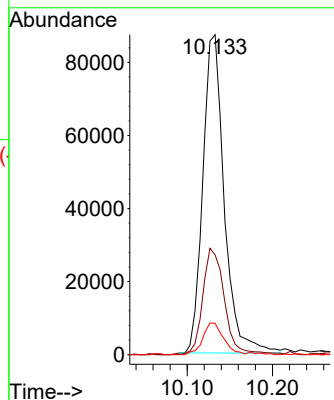
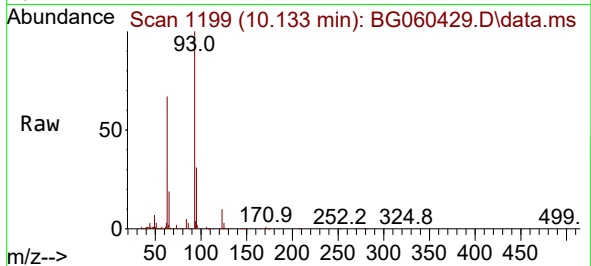




#27
 Bis(2-Chloroethoxy)methane
 Concen: 9.468 ng/ul
 RT: 10.133 min Scan# 1199
 Delta R.T. 0.004 min
 Lab File: BG060429.D
 Acq: 25 Jan 2024 18:56

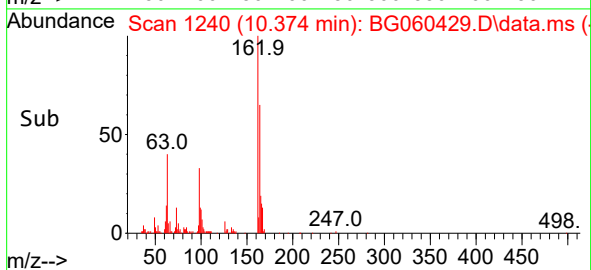
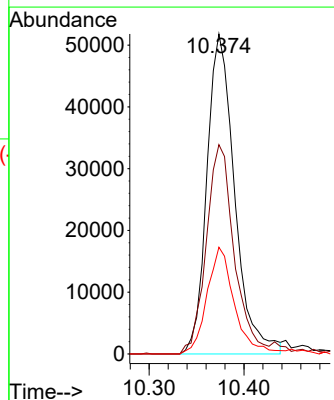
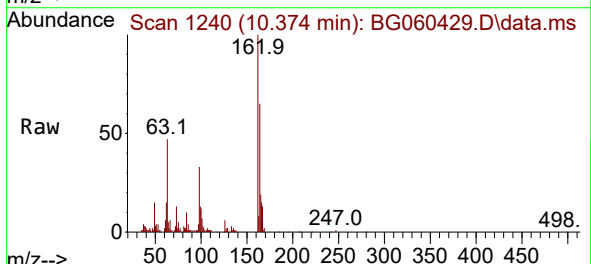
Instrument :
 BNA_G
 ClientSampleId :
 SST010449

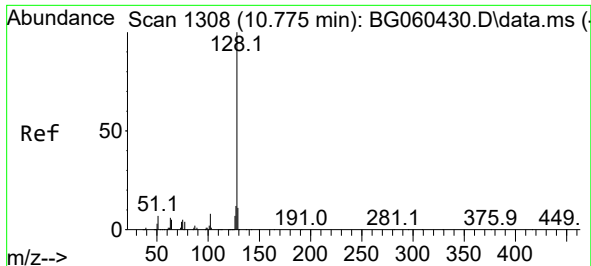
Tgt Ion: 93 Resp: 151953
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.5 38.3
 123 9.8 7.0 10.6



#29
 2,4-Dichlorophenol
 Concen: 9.501 ng/ul
 RT: 10.374 min Scan# 1240
 Delta R.T. -0.002 min
 Lab File: BG060429.D
 Acq: 25 Jan 2024 18:56

Tgt Ion:162 Resp: 105496
 Ion Ratio Lower Upper
 162 100
 164 65.4 55.2 82.8
 98 33.4 27.0 40.6

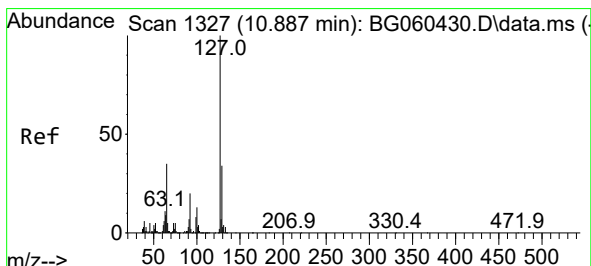
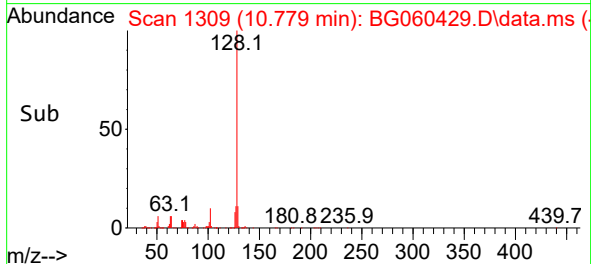
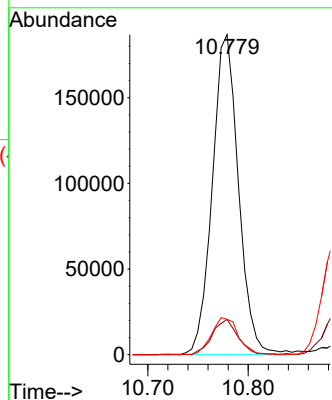
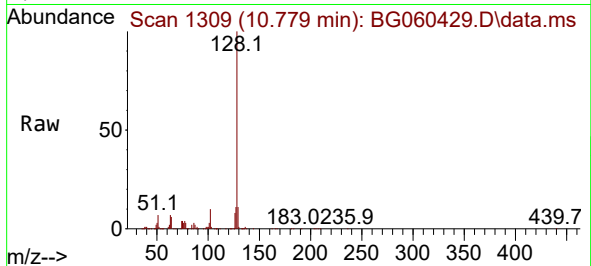




#30
Naphthalene
Concen: 9.697 ng/ul
RT: 10.779 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

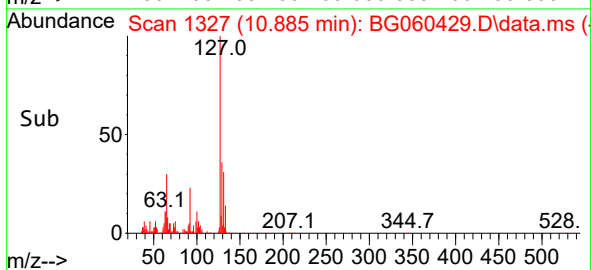
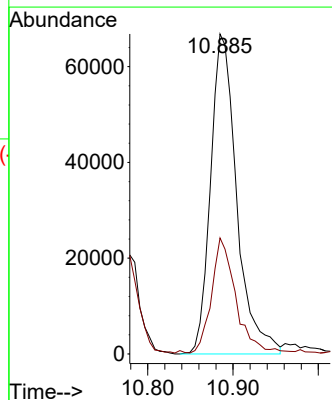
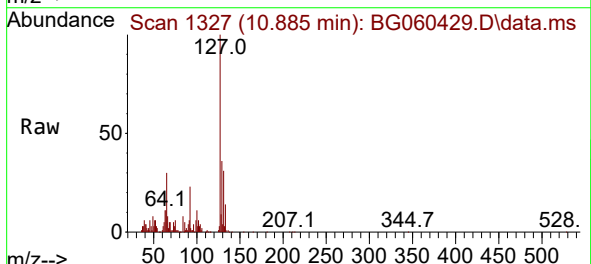
Instrument :
BNA_G
ClientSampleId :
SSTD010449

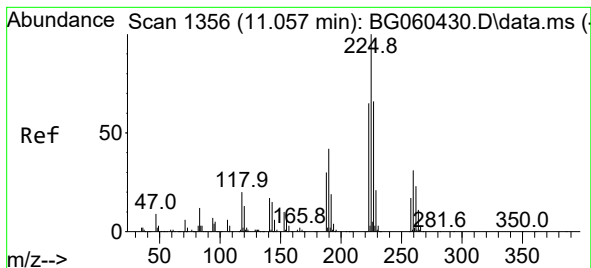
Tgt Ion:128 Resp: 337215
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 11.1 9.5 14.3



#32
4-Chloroaniline
Concen: 9.573 ng/ul
RT: 10.885 min Scan# 1327
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:127 Resp: 142328
Ion Ratio Lower Upper
127 100
129 36.3 27.2 40.8





#33

Hexachlorobutadiene

Concen: 9.556 ng/ul

RT: 11.061 min Scan# 11

Delta R.T. 0.004 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Instrument :

BNA_G

ClientSampleId :

SSTD010449

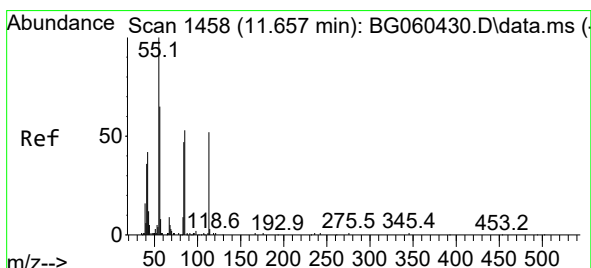
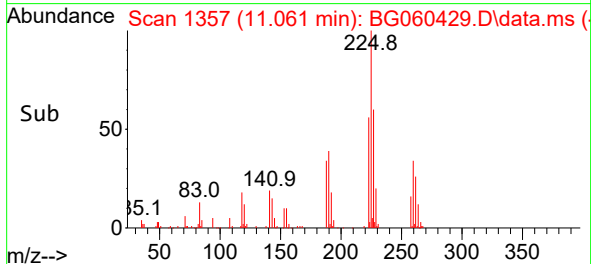
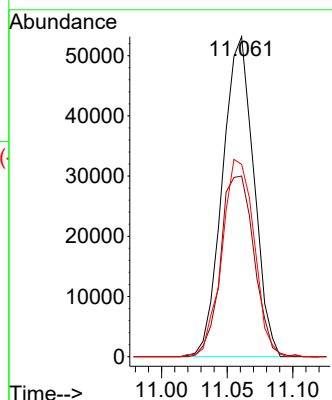
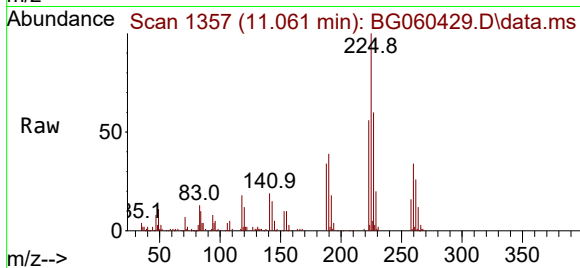
Tgt Ion:225 Resp: 88104

Ion Ratio Lower Upper

225 100

223 59.3 52.0 78.0

227 60.1 52.8 79.2



#34

Caprolactam

Concen: 10.463 ng/ul

RT: 11.637 min Scan# 1455

Delta R.T. -0.020 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

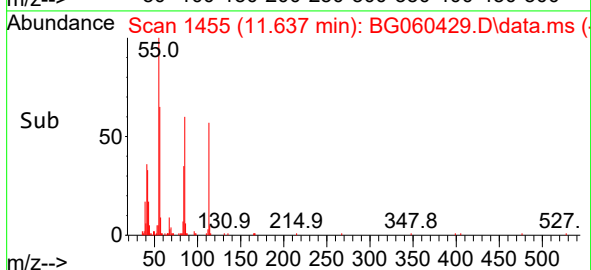
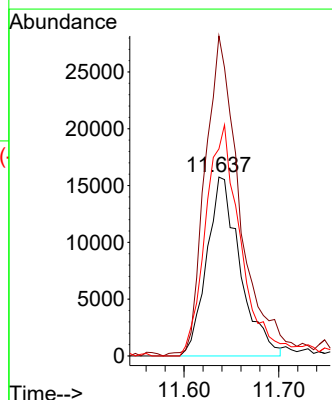
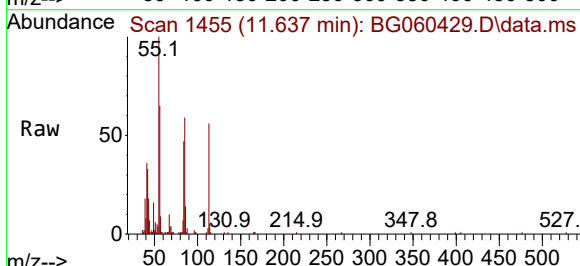
Tgt Ion:113 Resp: 38547

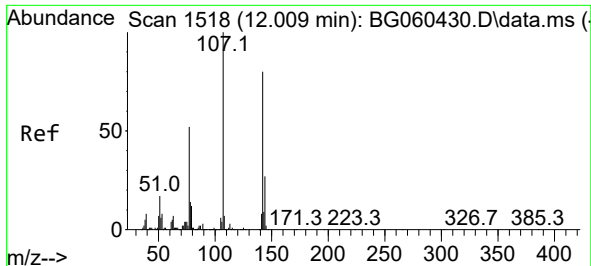
Ion Ratio Lower Upper

113 100

55 179.0 154.2 231.4

56 115.8 100.6 150.8

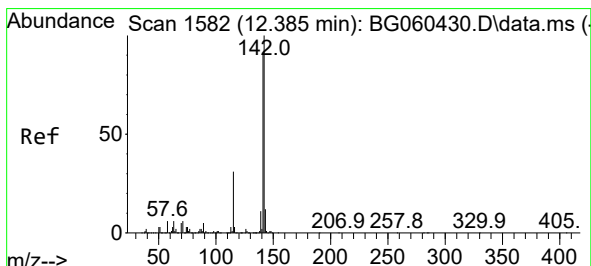
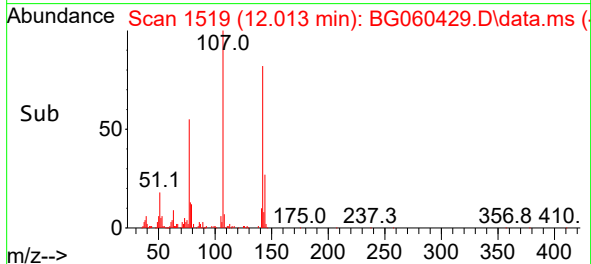
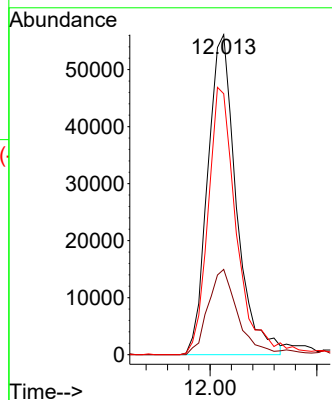
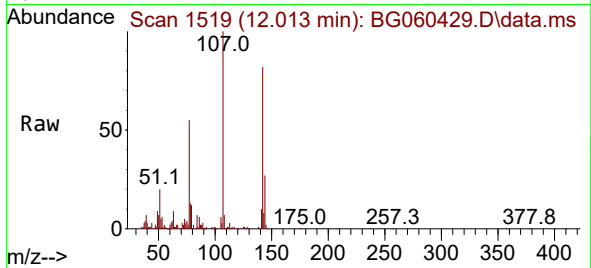




#35
4-Chloro-3-methylphenol
Concen: 9.391 ng/ul
RT: 12.013 min Scan# 1519
Delta R.T. 0.004 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

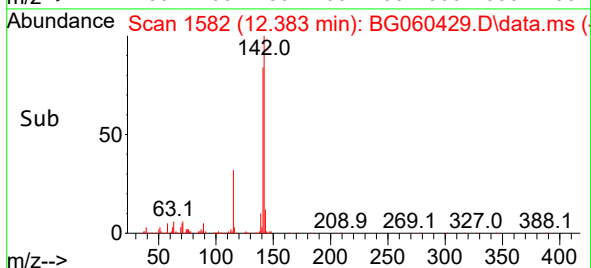
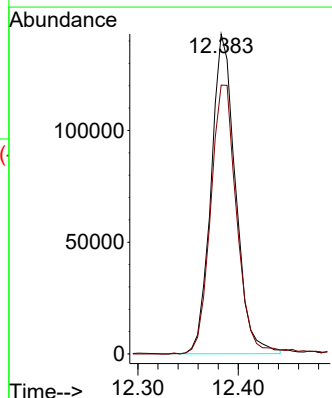
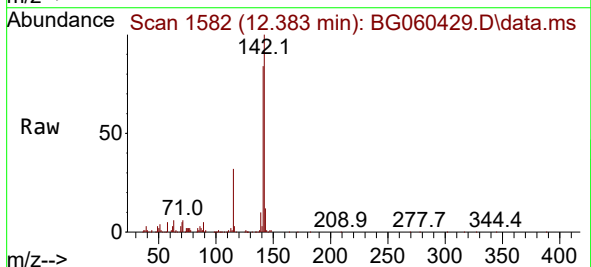
Instrument :
BNA_G
ClientSampleId :
SSTD010449

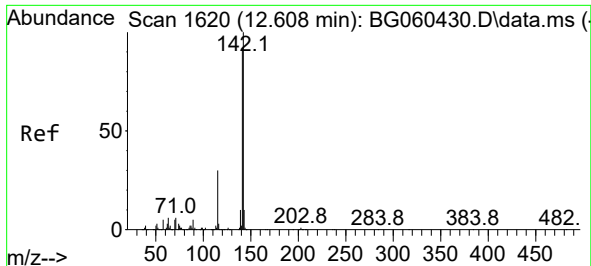
Tgt Ion:107 Resp: 104540
Ion Ratio Lower Upper
107 100
144 26.6 21.4 32.2
142 81.6 64.1 96.1



#36
2-Methylnaphthalene
Concen: 9.891 ng/ul
RT: 12.383 min Scan# 1582
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:142 Resp: 241784
Ion Ratio Lower Upper
142 100
141 84.0 72.6 108.8





#37

1-Methylnaphthalene

Concen: 9.816 ng/ul

RT: 12.606 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Instrument :

BNA_G

ClientSampleId :

SSTD010449

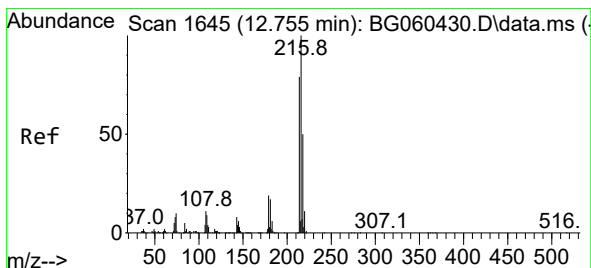
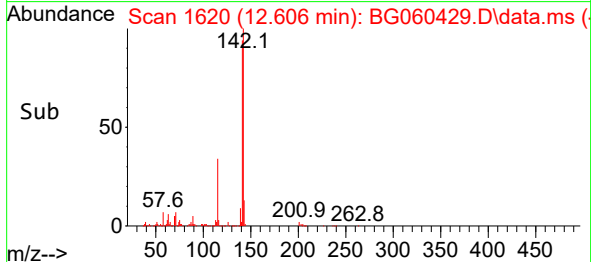
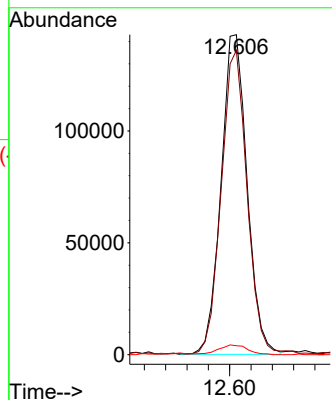
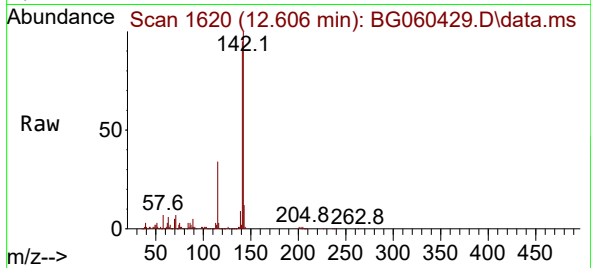
Tgt Ion:142 Resp: 242532

Ion Ratio Lower Upper

142 100

141 95.1 73.6 110.4

116 2.8 2.3 3.5



#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.230 ng/ul

RT: 12.753 min Scan# 1645

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Tgt Ion:216 Resp: 167189

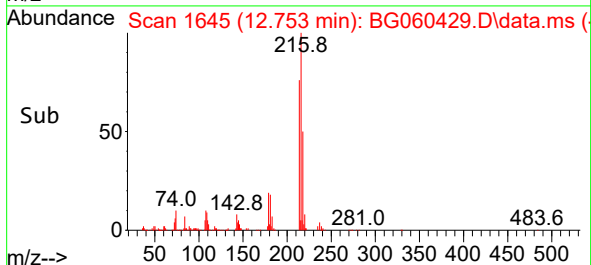
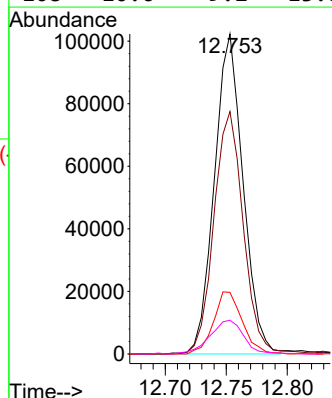
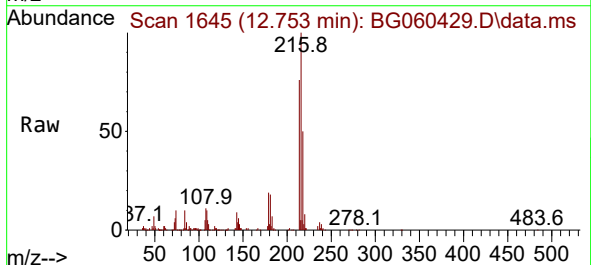
Ion Ratio Lower Upper

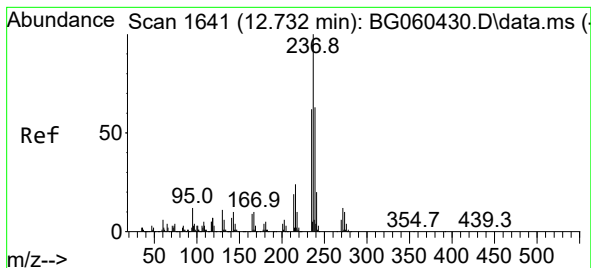
216 100

214 75.8 63.0 94.4

179 19.3 15.2 22.8

108 10.6 9.2 13.8

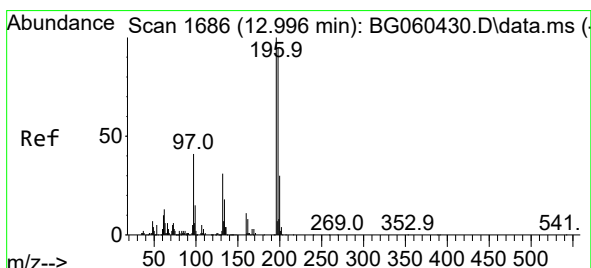
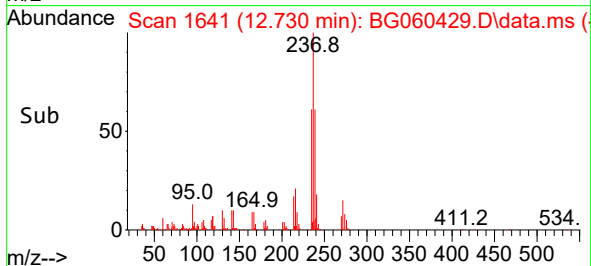
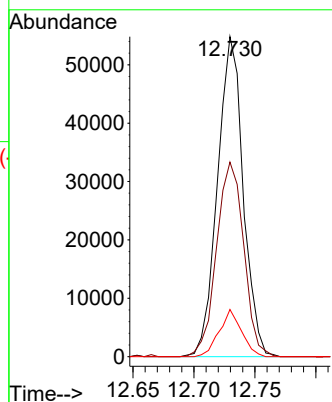
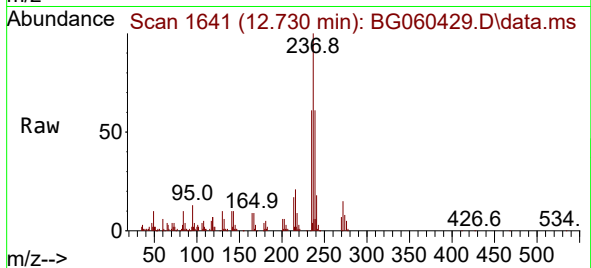




#40
Hexachlorocyclopentadiene
Concen: 7.344 ng/ul
RT: 12.730 min Scan# 1641
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

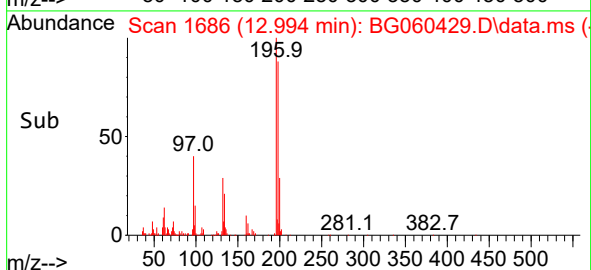
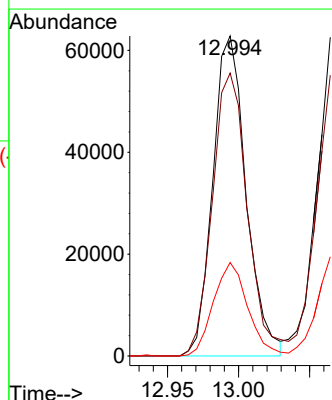
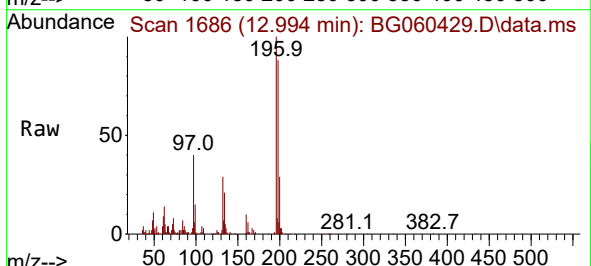
Instrument :
BNA_G
ClientSampleId :
SSTD010449

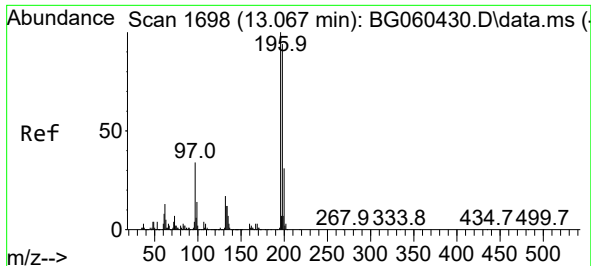
Tgt Ion:237 Resp: 80442
Ion Ratio Lower Upper
237 100
235 57.5 49.4 74.0
272 13.9 10.0 15.0



#41
2,4,6-Trichlorophenol
Concen: 9.273 ng/ul
RT: 12.994 min Scan# 1686
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:196 Resp: 102398
Ion Ratio Lower Upper
196 100
198 88.4 76.3 114.5
200 29.2 24.4 36.6

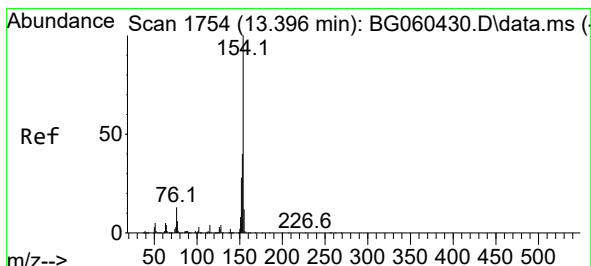
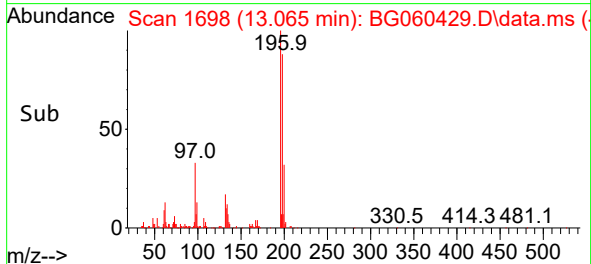
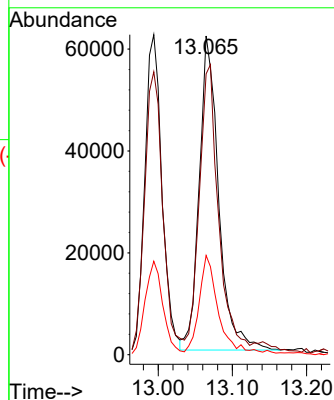
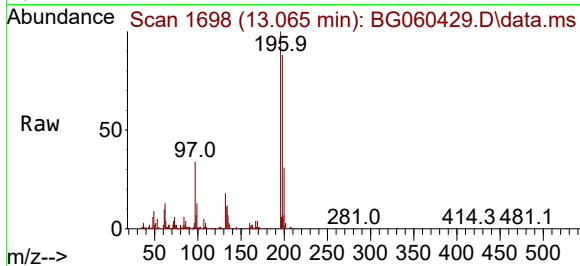




#42
2,4,5-Trichlorophenol
Concen: 9.665 ng/ul
RT: 13.065 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

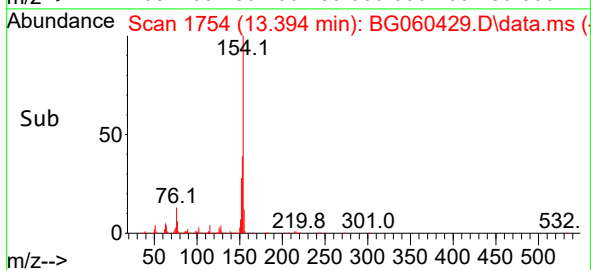
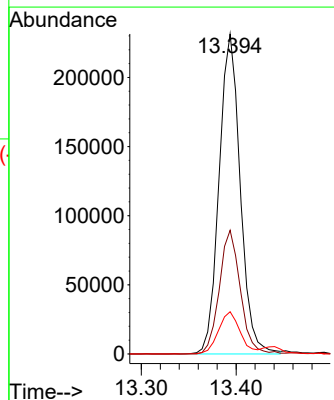
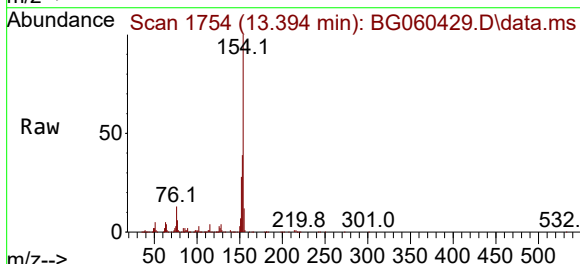
Instrument :
BNA_G
ClientSampleId :
SSTD010449

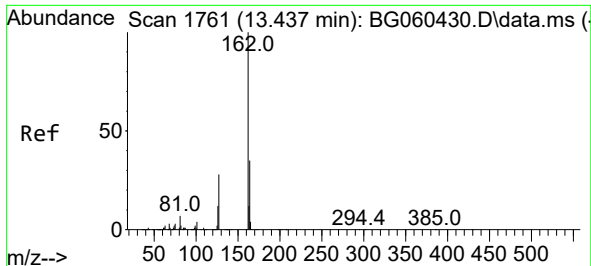
Tgt Ion:196 Resp: 112777
Ion Ratio Lower Upper
196 100
198 88.1 75.7 113.5
200 31.2 24.9 37.3



#43
1,1'-Biphenyl
Concen: 9.740 ng/ul
RT: 13.394 min Scan# 1754
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:154 Resp: 359105
Ion Ratio Lower Upper
154 100
153 38.7 31.8 47.8
76 13.2 10.4 15.6

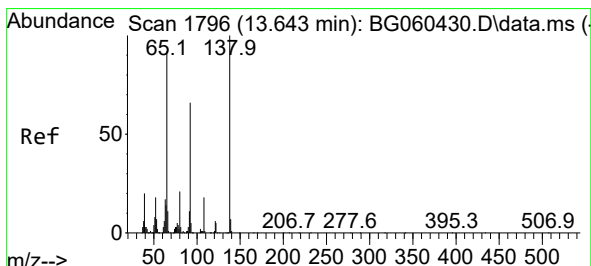
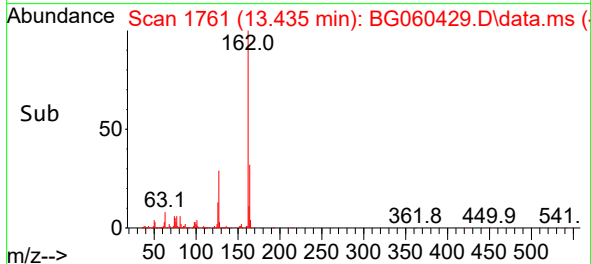
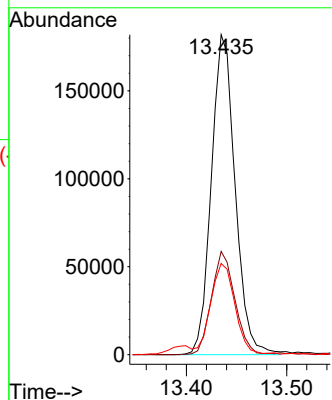
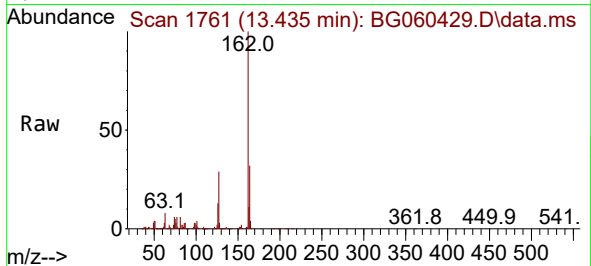




#44
2-Chloronaphthalene
Concen: 9.615 ng/ul
RT: 13.435 min Scan# 1761
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

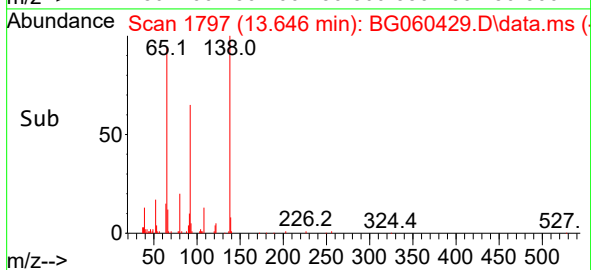
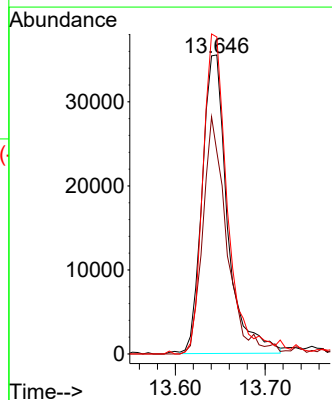
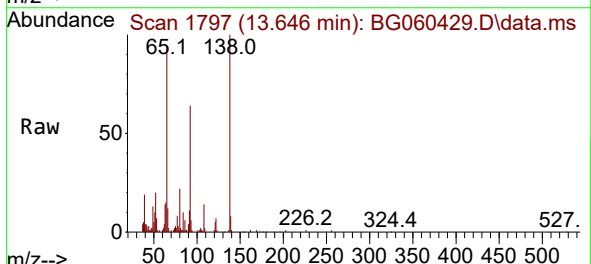
Instrument :
BNA_G
ClientSampleId :
SSTD010449

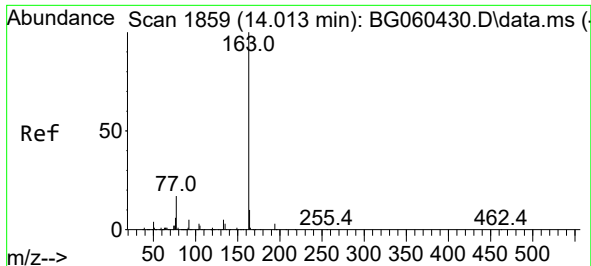
Tgt Ion:162 Resp: 299296
Ion Ratio Lower Upper
162 100
164 32.3 27.7 41.5
127 28.5 24.5 36.7



#45
2-Nitroaniline
Concen: 8.888 ng/ul
RT: 13.646 min Scan# 1797
Delta R.T. 0.004 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion: 65 Resp: 69635
Ion Ratio Lower Upper
65 100
92 67.6 57.7 86.5
138 106.0 87.0 130.6

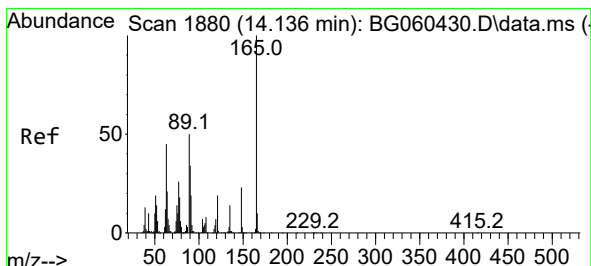
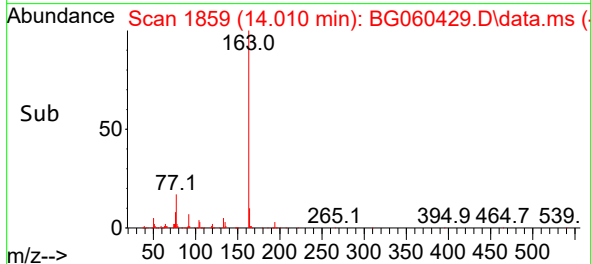
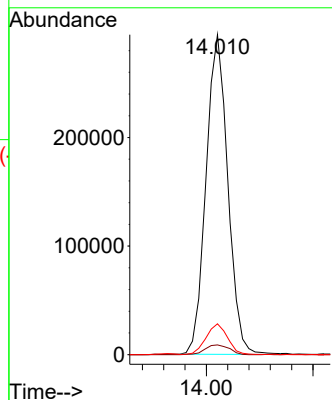
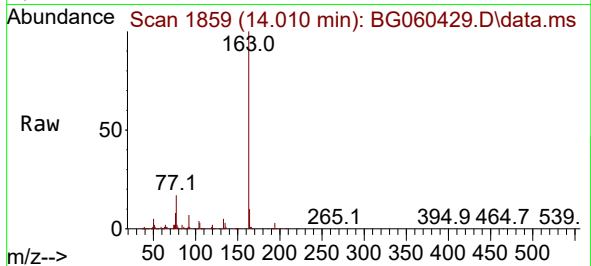




#47
Dimethylphthalate
Concen: 10.266 ng/ul
RT: 14.010 min Scan# 1859
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

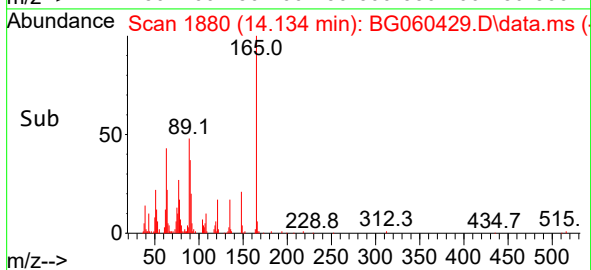
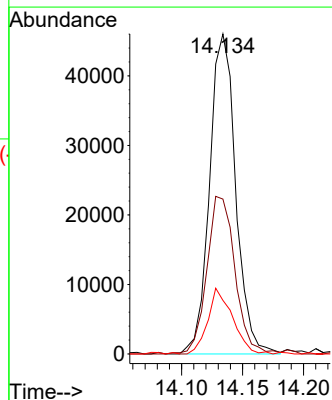
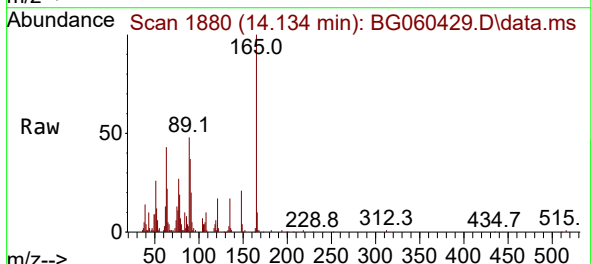
Instrument :
BNA_G
ClientSampleId :
SSTD010449

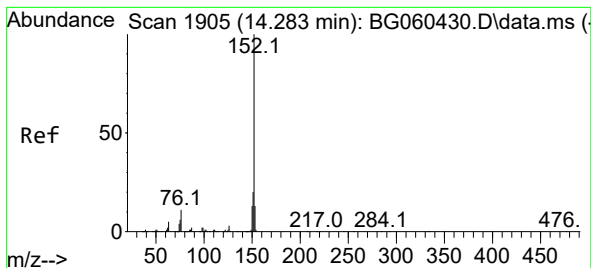
Tgt Ion:163 Resp: 417360
Ion Ratio Lower Upper
163 100
194 3.0 2.6 3.8
164 9.6 8.4 12.6



#48
2,6-Dinitrotoluene
Concen: 8.965 ng/ul
RT: 14.134 min Scan# 1880
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:165 Resp: 68735
Ion Ratio Lower Upper
165 100
89 48.4 40.2 60.2
121 16.8 15.0 22.6





#50

Acenaphthylene

Concen: 9.896 ng/ul

RT: 14.281 min Scan# 1905

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Instrument :

BNA_G

ClientSampleId :

SSTD010449

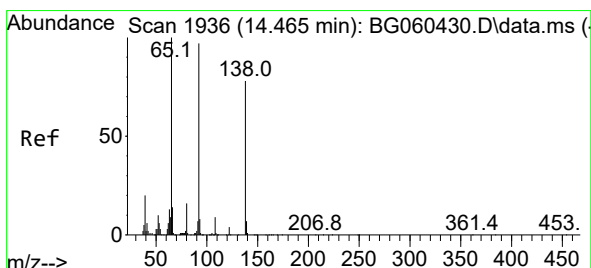
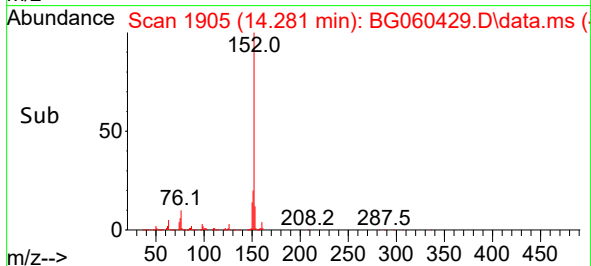
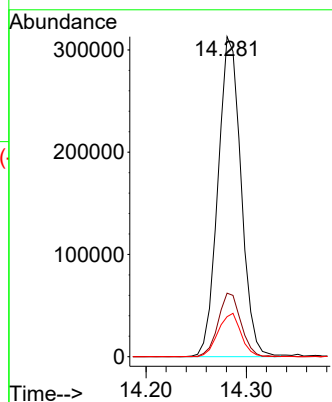
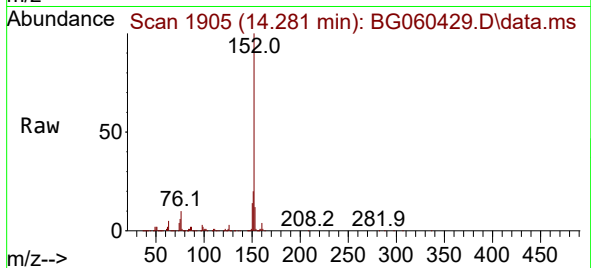
Tgt Ion:152 Resp: 498752

Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

153 12.5 10.4 15.6



#51

3-Nitroaniline

Concen: 9.208 ng/ul

RT: 14.469 min Scan# 1937

Delta R.T. 0.004 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

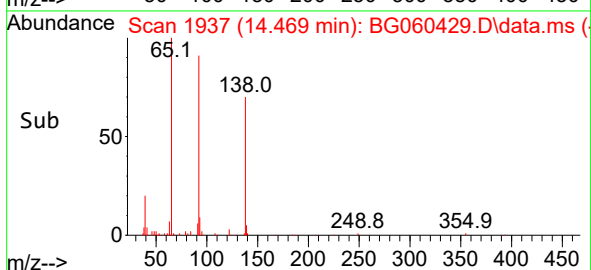
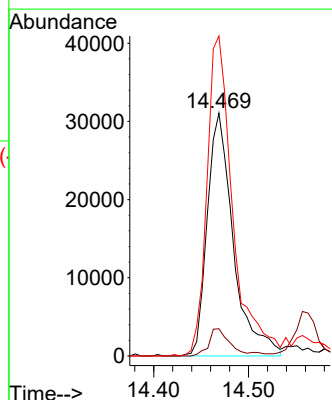
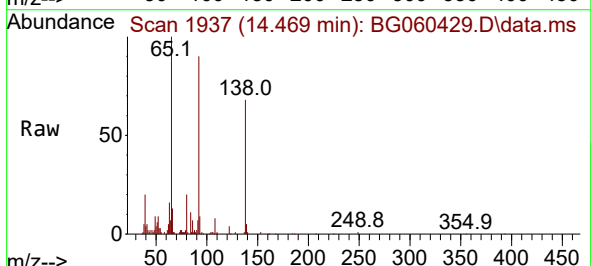
Tgt Ion:138 Resp: 59345

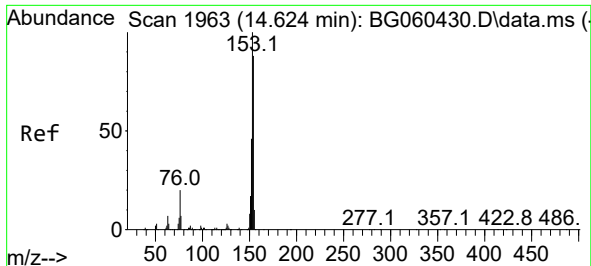
Ion Ratio Lower Upper

138 100

108 11.2 9.5 14.3

92 131.7 98.9 148.3

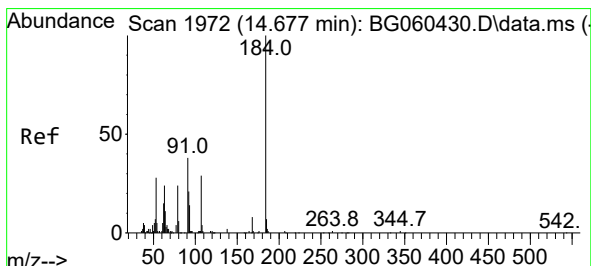
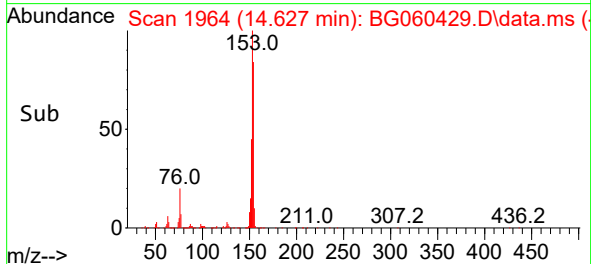
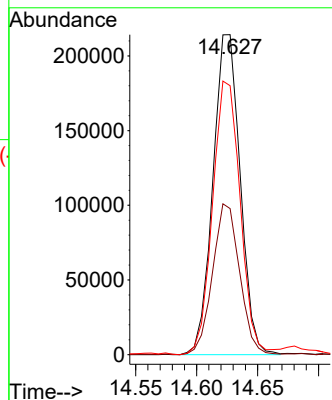
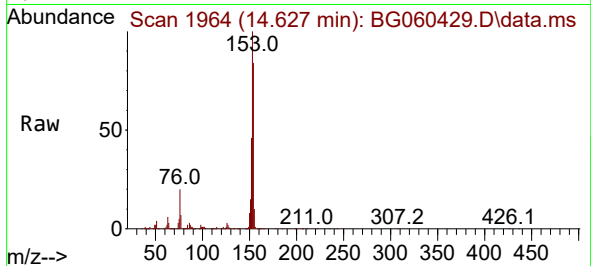




#52
Acenaphthene
Concen: 9.929 ng/ul
RT: 14.627 min Scan# 1964
Delta R.T. 0.004 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

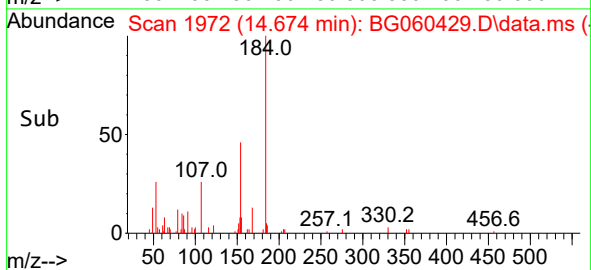
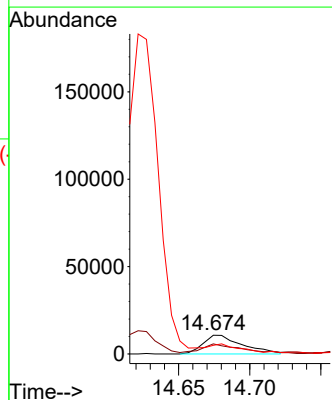
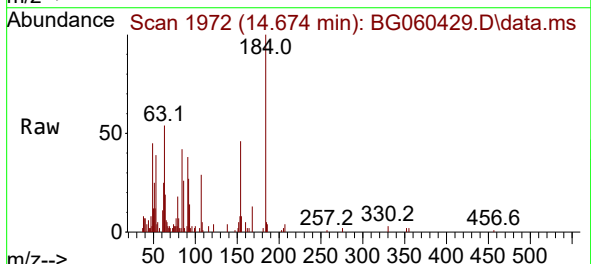
Instrument :
BNA_G
ClientSampleId :
SSTD010449

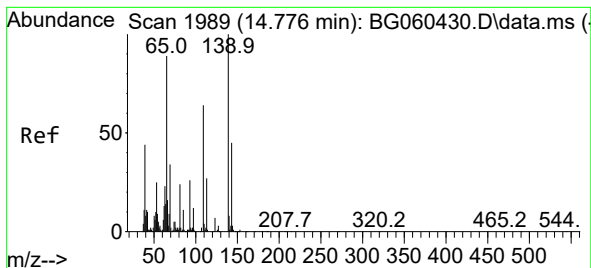
Tgt Ion:153 Resp: 333800
Ion Ratio Lower Upper
153 100
152 45.7 37.0 55.6
154 84.0 70.0 105.0



#53
2,4-Dinitrophenol
Concen: 4.929 ng/ul
RT: 14.674 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:184 Resp: 20626
Ion Ratio Lower Upper
184 100
63 53.8 39.2 58.8
154 46.3 40.3 60.5

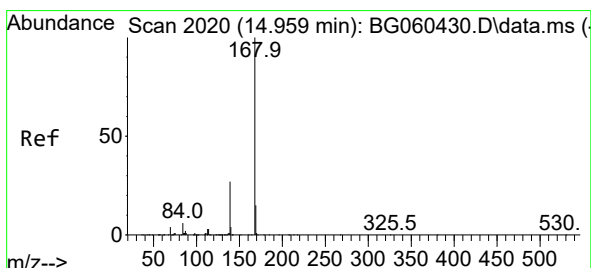
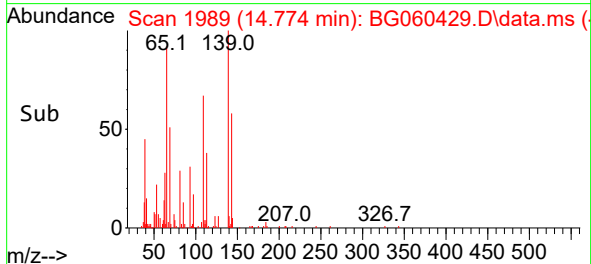
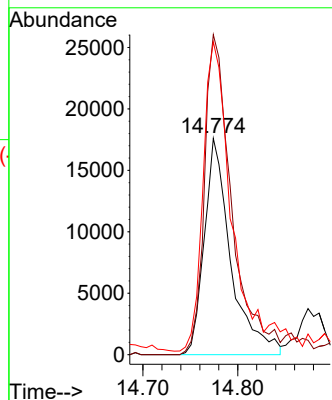
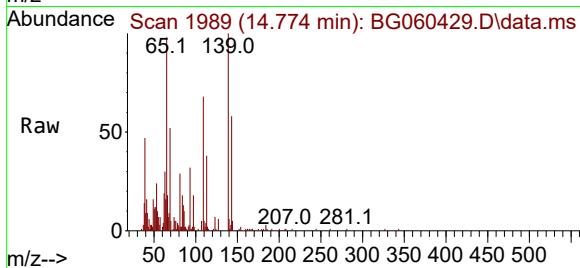




#55
4-Nitrophenol
Concen: 8.632 ng/ul
RT: 14.774 min Scan# 1989
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

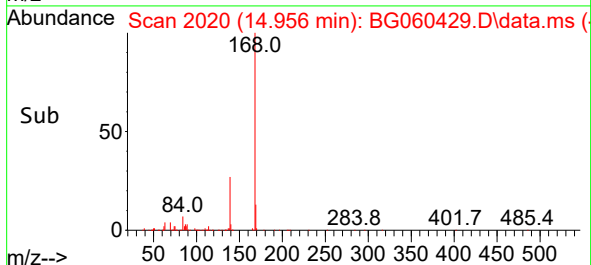
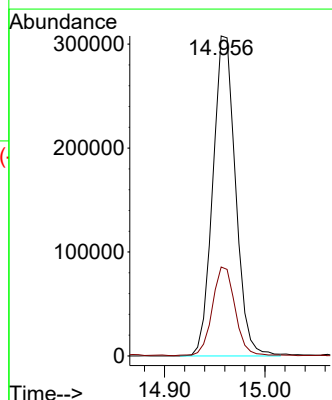
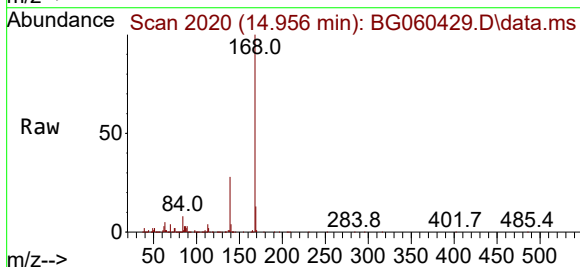
Instrument :
BNA_G
ClientSampleId :
SSTD010449

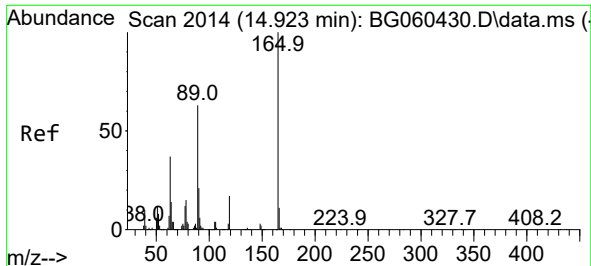
Tgt Ion:109 Resp: 34282
Ion Ratio Lower Upper
109 100
139 147.9 124.5 186.7
65 144.6 112.4 168.6



#56
Dibenzofuran
Concen: 10.193 ng/ul
RT: 14.956 min Scan# 2020
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:168 Resp: 483799
Ion Ratio Lower Upper
168 100
139 27.8 21.6 32.4

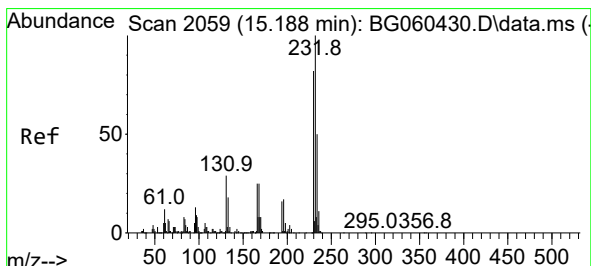
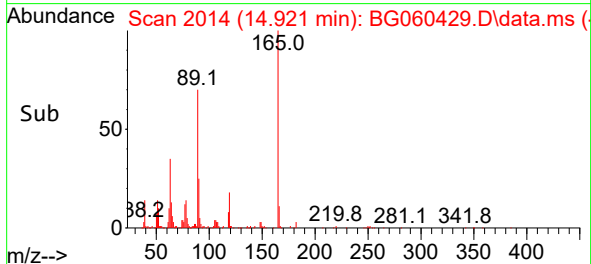
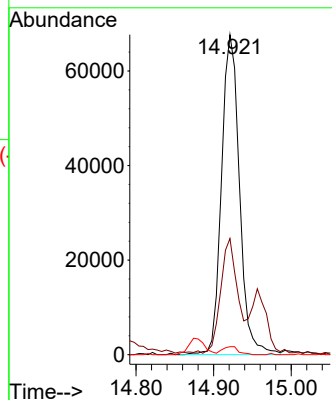
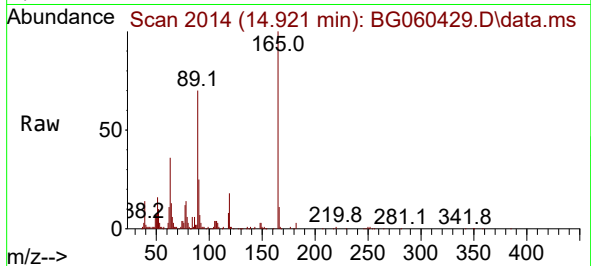




#57
2,4-Dinitrotoluene
Concen: 9.712 ng/ul
RT: 14.921 min Scan# 2014
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

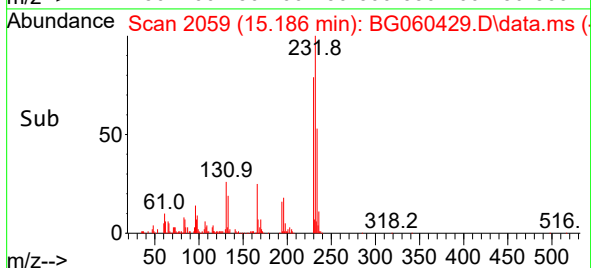
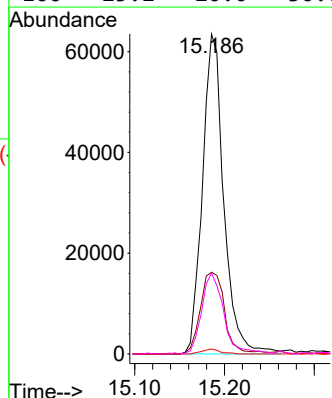
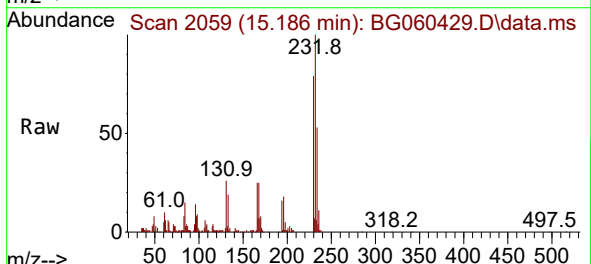
Instrument :
BNA_G
ClientSampleId :
SSTD010449

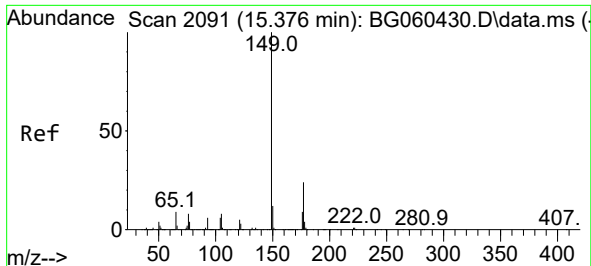
Tgt Ion:165 Resp: 109110
Ion Ratio Lower Upper
165 100
63 36.3 29.9 44.9
182 2.5 1.8 2.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 9.645 ng/ul
RT: 15.186 min Scan# 2059
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:232 Resp: 104592
Ion Ratio Lower Upper
232 100
131 25.5 23.4 35.0
130 1.6 0.8 1.2#
166 25.2 20.0 30.0

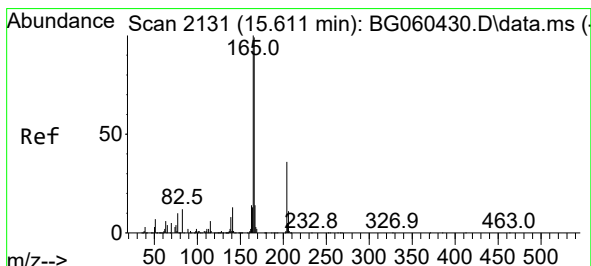
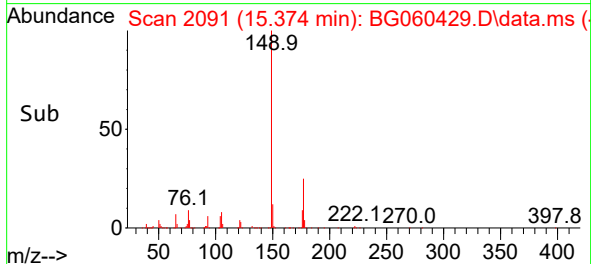
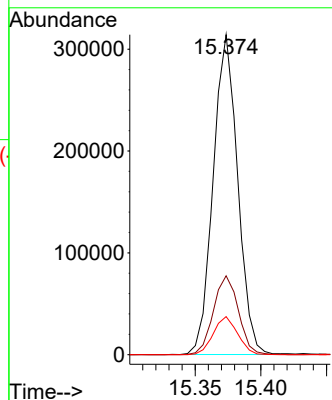
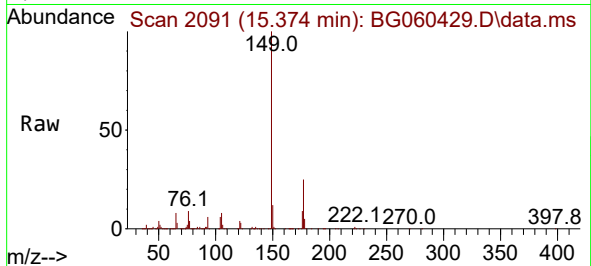




#59
Diethylphthalate
Concen: 10.430 ng/ul
RT: 15.374 min Scan# 2091
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

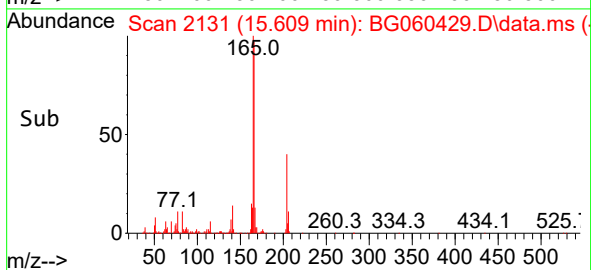
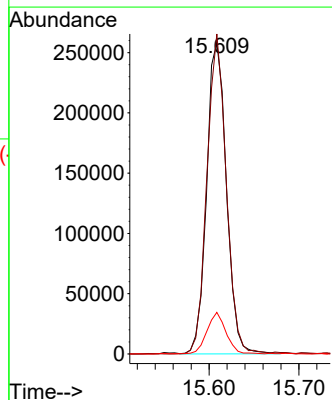
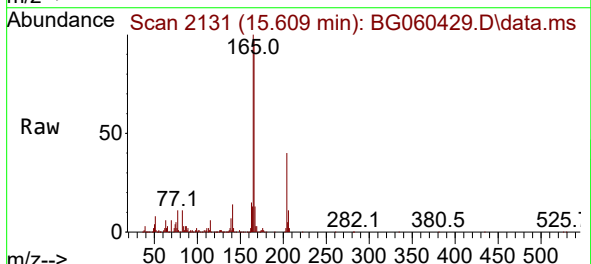
Instrument :
BNA_G
ClientSampleId :
SSTD010449

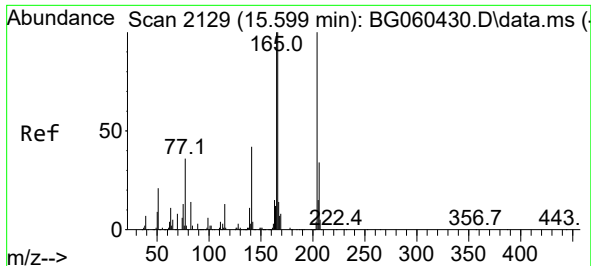
Tgt Ion:149 Resp: 407693
Ion Ratio Lower Upper
149 100
177 24.7 19.4 29.0
150 11.9 9.8 14.8



#61
Fluorene
Concen: 10.144 ng/ul
RT: 15.609 min Scan# 2131
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:166 Resp: 395001
Ion Ratio Lower Upper
166 100
165 102.7 81.0 121.6
167 13.3 11.3 16.9

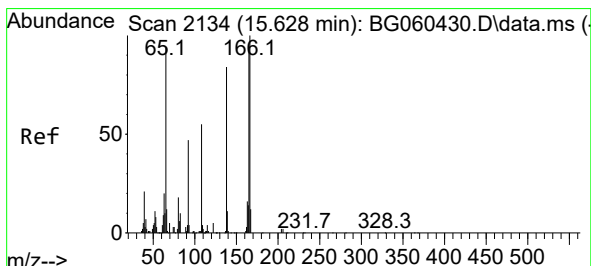
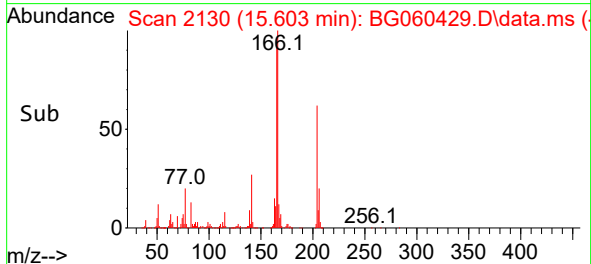
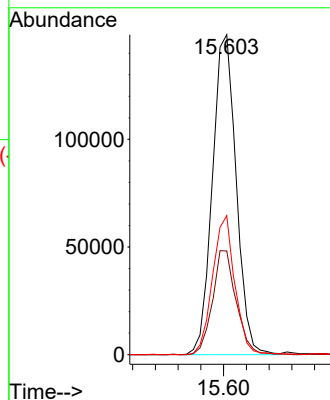
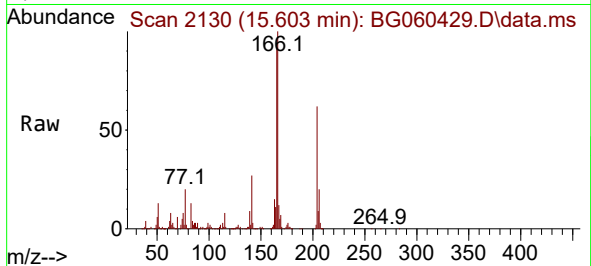




#62
4-Chlorophenyl-phenylether
Concen: 10.046 ng/ul
RT: 15.603 min Scan# 2113
Delta R.T. 0.004 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

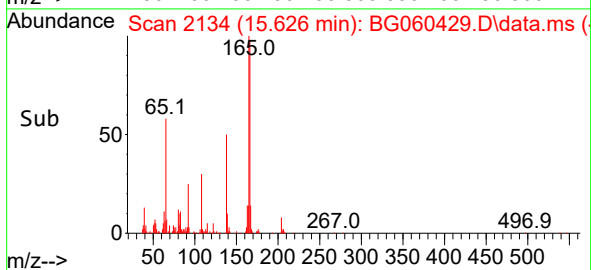
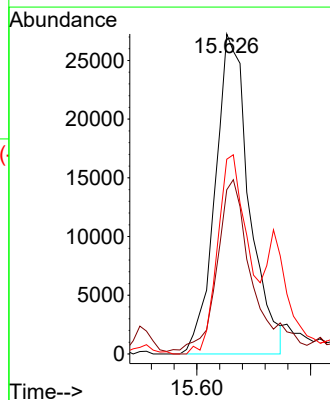
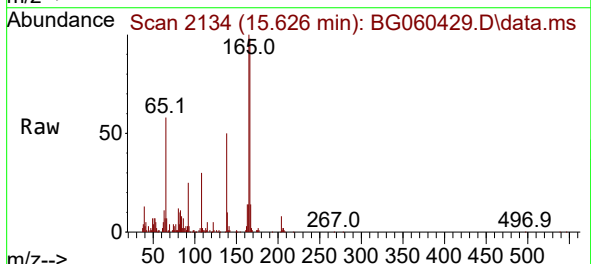
Instrument :
BNA_G
ClientSampleId :
SSTD010449

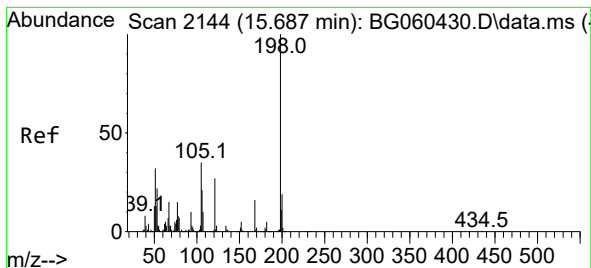
Tgt Ion:204 Resp: 215915
Ion Ratio Lower Upper
204 100
206 32.4 27.5 41.3
141 43.5 33.4 50.0



#63
4-Nitroaniline
Concen: 8.981 ng/ul
RT: 15.626 min Scan# 2134
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:138 Resp: 56706
Ion Ratio Lower Upper
138 100
92 51.3 45.5 68.3
108 60.9 51.8 77.6

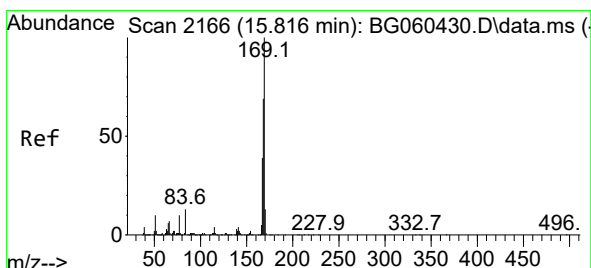
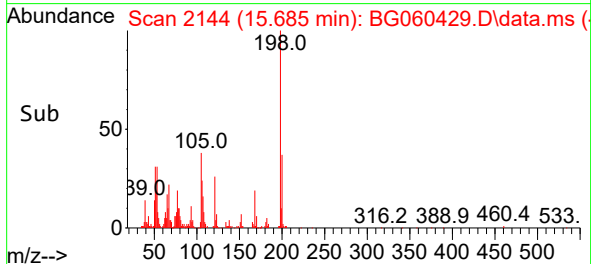
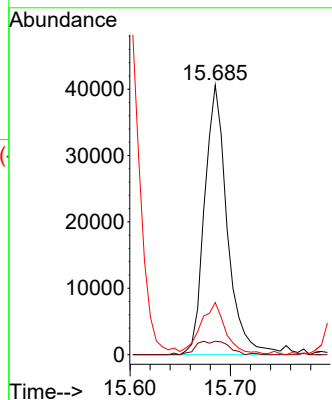
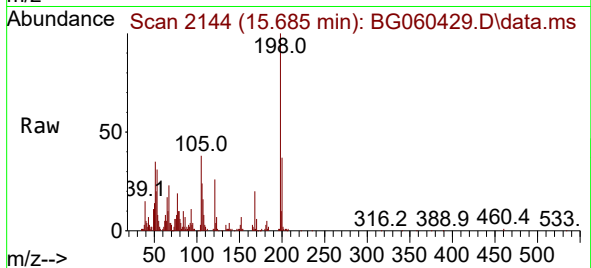




#66
4,6-Dinitro-2-methylphenol
Concen: 7.638 ng/ul
RT: 15.685 min Scan# 2144
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

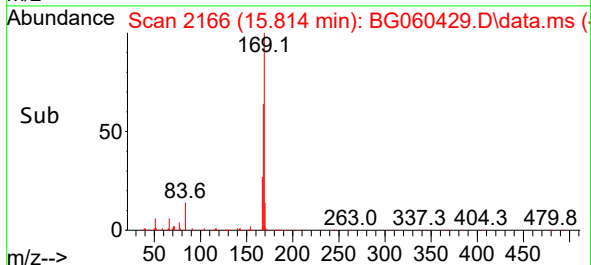
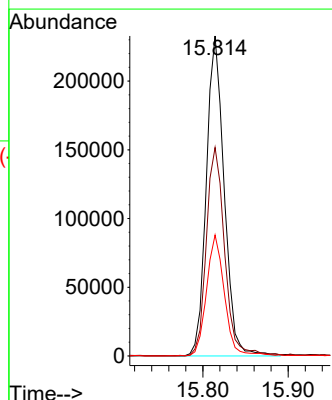
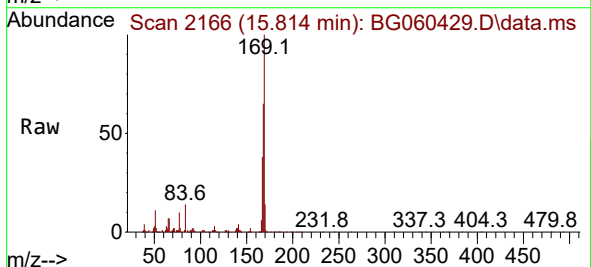
Instrument :
BNA_G
ClientSampleId :
SSTD010449

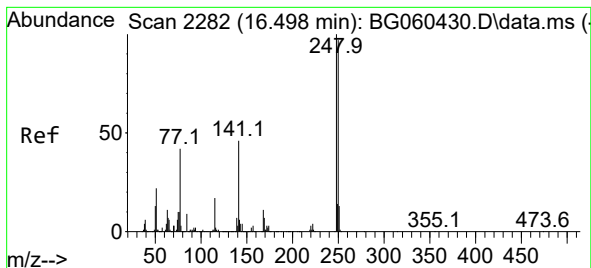
Tgt Ion:198 Resp: 63874
Ion Ratio Lower Upper
198 100
182 5.0 4.1 6.1
77 19.4 13.0 19.6



#67
N-Nitrosodiphenylamine
Concen: 9.673 ng/ul
RT: 15.814 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:169 Resp: 338759
Ion Ratio Lower Upper
169 100
168 65.1 55.4 83.0
167 37.8 31.0 46.4

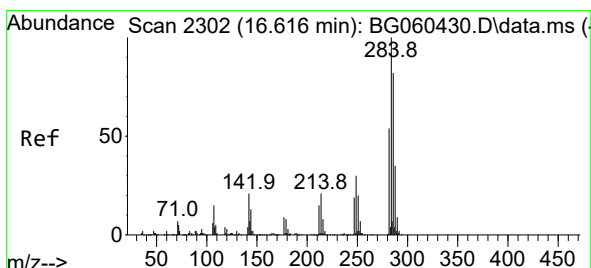
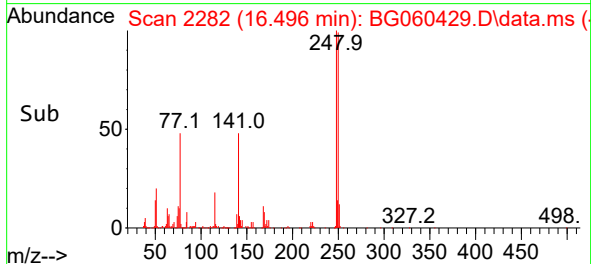
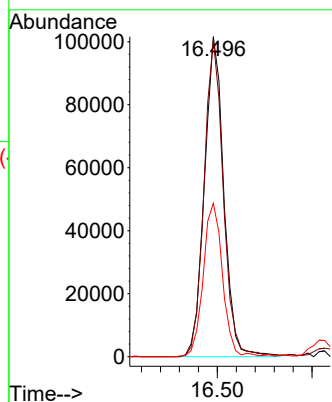
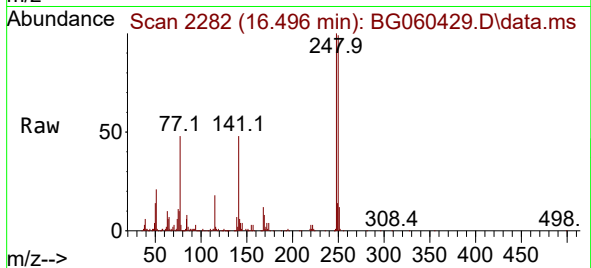




#68
4-Bromophenyl-phenylether
Concen: 9.631 ng/ul
RT: 16.496 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

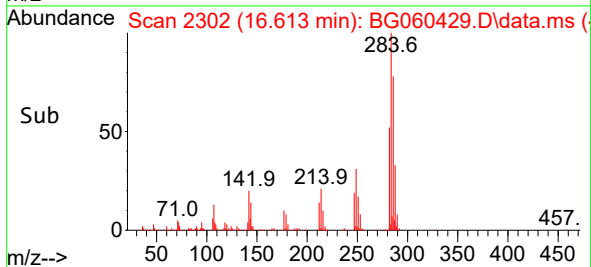
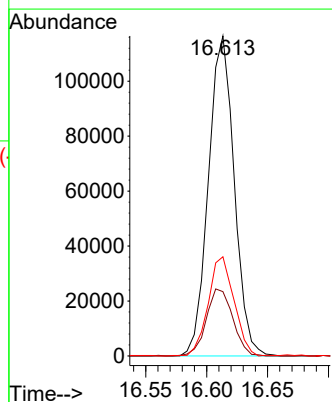
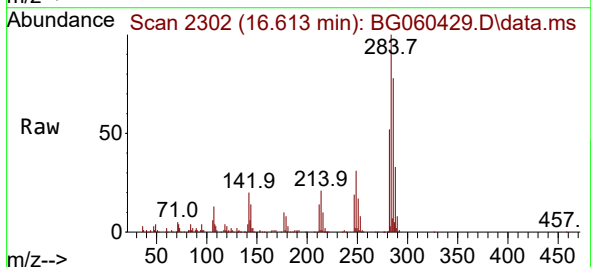
Instrument :
BNA_G
ClientSampleId :
SSTD010449

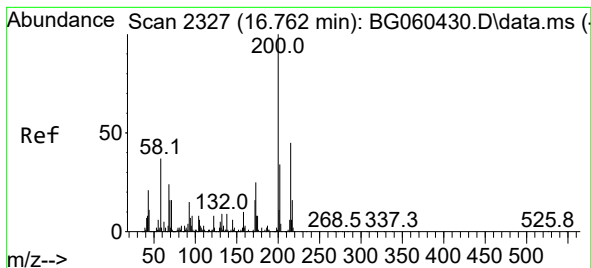
Tgt Ion:248 Resp: 144469
Ion Ratio Lower Upper
248 100
250 99.0 77.3 115.9
141 47.9 36.5 54.7



#69
Hexachlorobenzene
Concen: 9.859 ng/ul
RT: 16.613 min Scan# 2302
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:284 Resp: 171556
Ion Ratio Lower Upper
284 100
142 18.7 17.1 25.7
249 31.1 24.1 36.1





#70

Atrazine

Concen: 10.393 ng/ul

RT: 16.760 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Instrument :

BNA_G

ClientSampleId :

SSTD010449

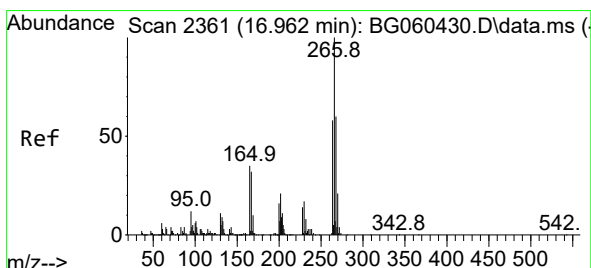
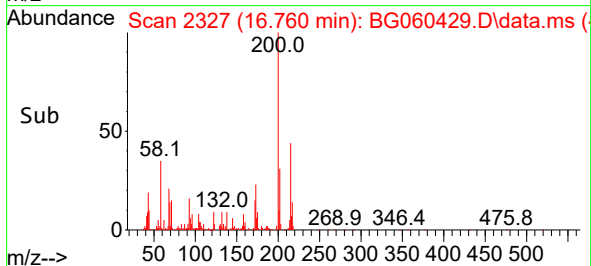
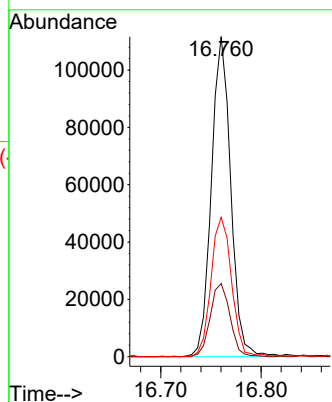
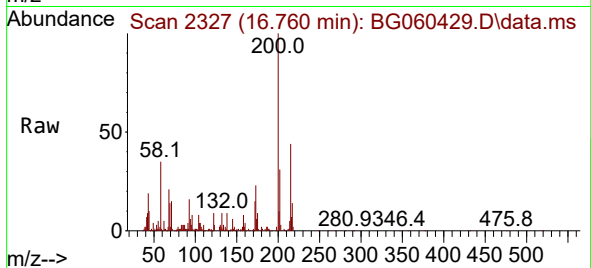
Tgt Ion:200 Resp: 149629

Ion Ratio Lower Upper

200 100

173 22.9 20.3 30.5

215 43.6 36.3 54.5



#71

Pentachlorophenol

Concen: 7.462 ng/ul

RT: 16.960 min Scan# 2361

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

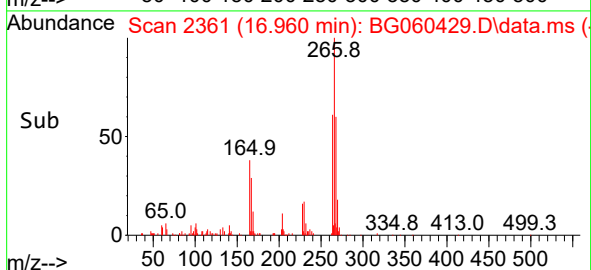
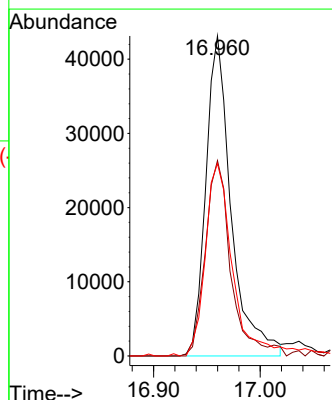
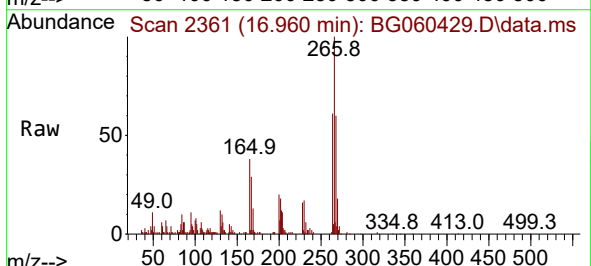
Tgt Ion:266 Resp: 71508

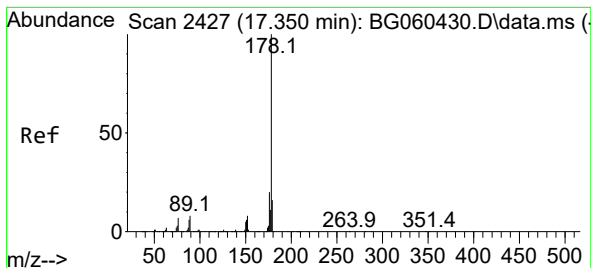
Ion Ratio Lower Upper

266 100

264 61.0 47.0 70.6

268 64.0 48.2 72.2





#72

Phenanthrene

Concen: 10.294 ng/ul

RT: 17.354 min Scan# 2427

Delta R.T. 0.004 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Instrument :

BNA_G

ClientSampleId :

SSTD010449

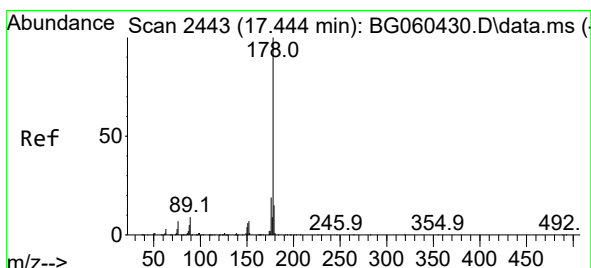
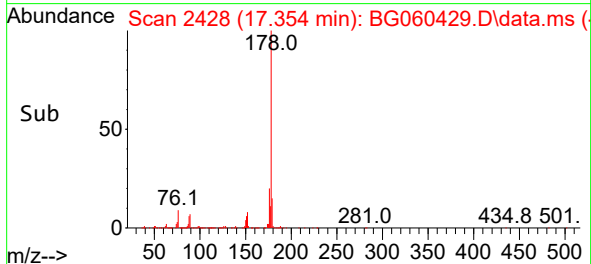
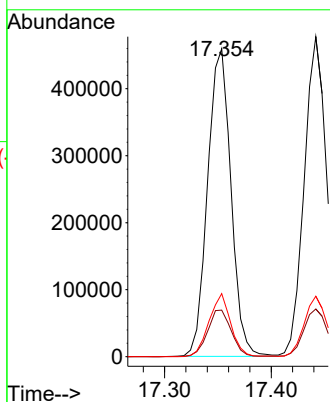
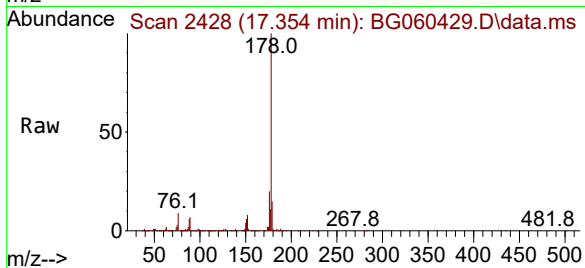
Tgt Ion:178 Resp: 698844

Ion Ratio Lower Upper

178 100

179 15.1 12.7 19.1

176 20.5 15.7 23.5



#74

Anthracene

Concen: 10.175 ng/ul

RT: 17.442 min Scan# 2443

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

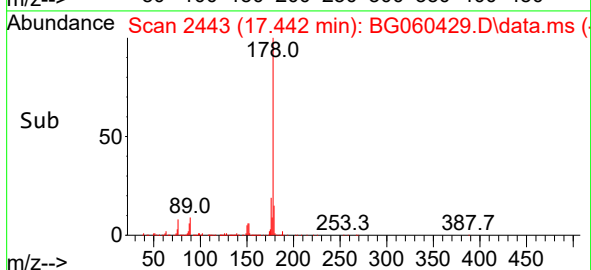
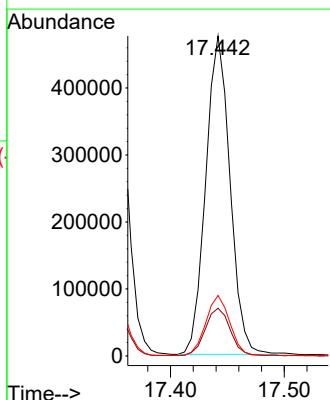
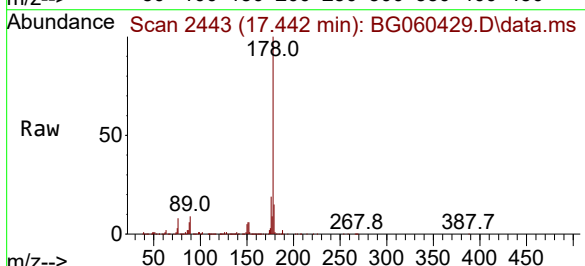
Tgt Ion:178 Resp: 703851

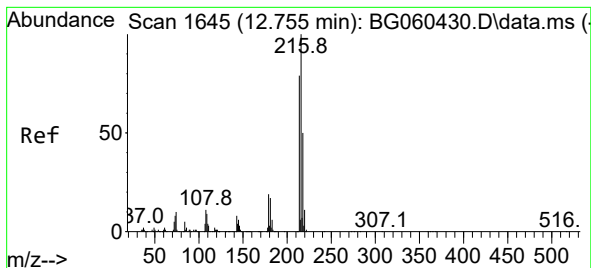
Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.2

176 18.9 15.5 23.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 9.100 ng/uL

RT: 13.358 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Instrument :

BNA_G

ClientSampleId :

SSTD010449

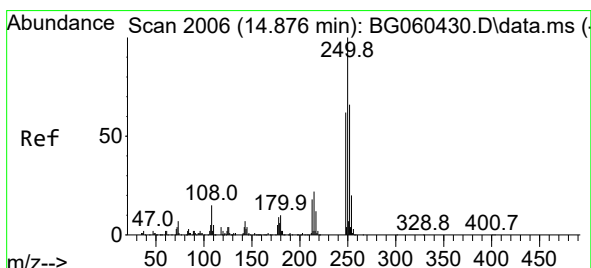
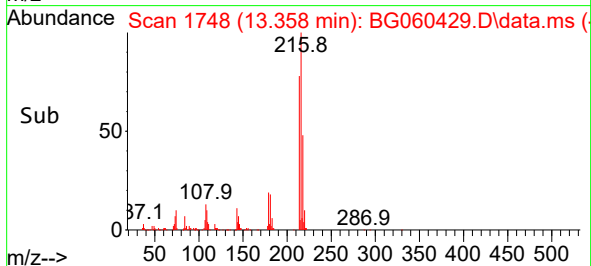
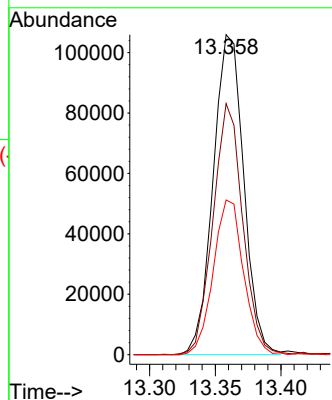
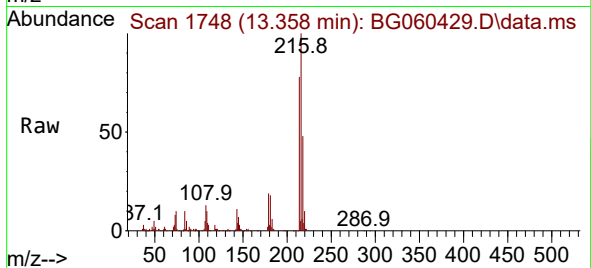
Tgt Ion:216 Resp: 171950

Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.4

218 48.3 39.8 59.6



#76

Pentachlorobenzene

Concen: 9.444 ng/uL

RT: 14.880 min Scan# 2007

Delta R.T. 0.004 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

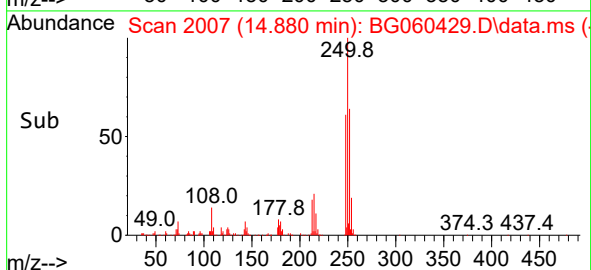
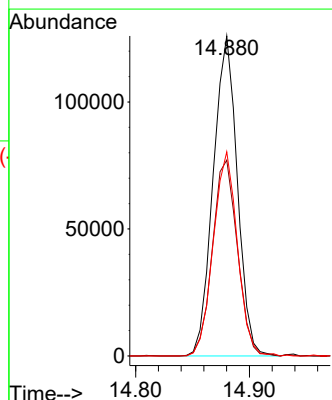
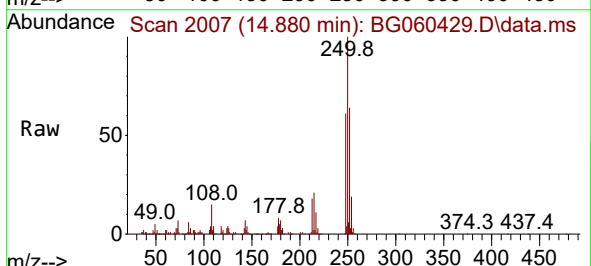
Tgt Ion:250 Resp: 185782

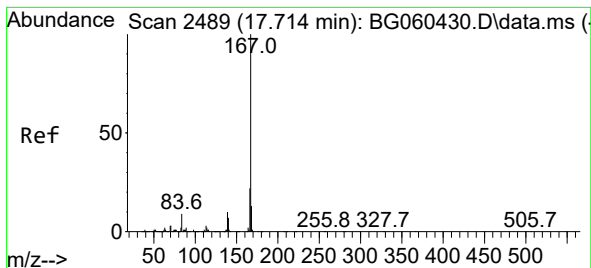
Ion Ratio Lower Upper

250 100

248 57.8 49.8 74.6

252 60.2 52.6 79.0





#77

Carbazole

Concen: 10.936 ng/ul

RT: 17.712 min Scan# 2489

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Instrument :

BNA_G

ClientSampleId :

SSTD010449

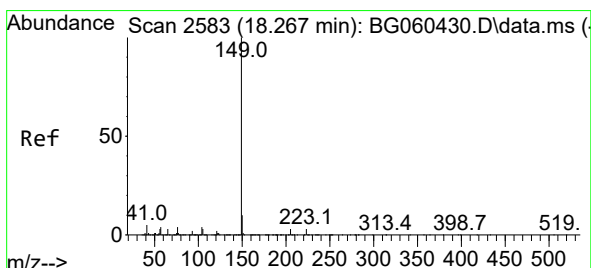
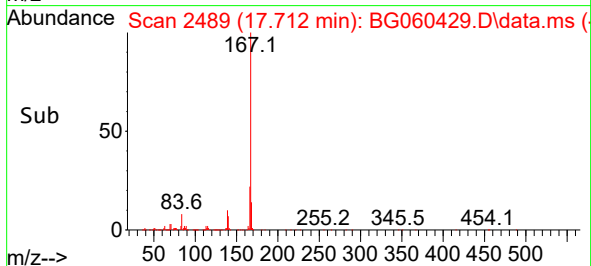
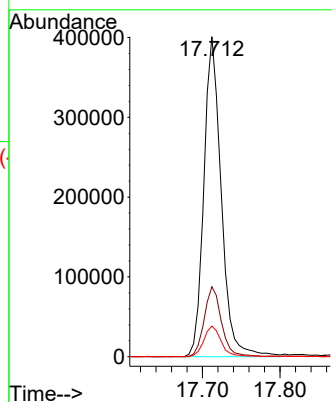
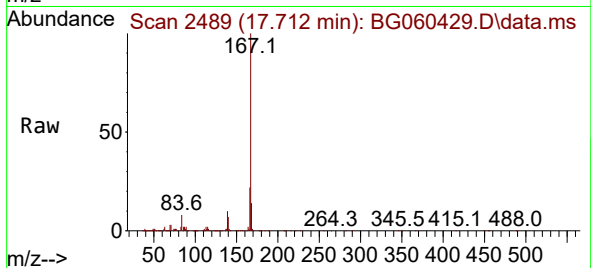
Tgt Ion:167 Resp: 624819

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

139 9.6 8.0 12.0



#78

Di-n-butylphthalate

Concen: 10.560 ng/ul

RT: 18.270 min Scan# 2584

Delta R.T. 0.004 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

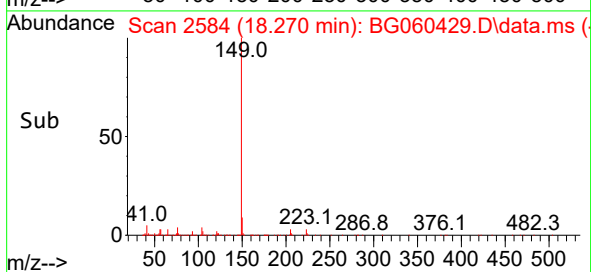
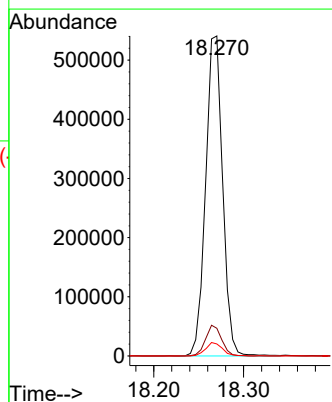
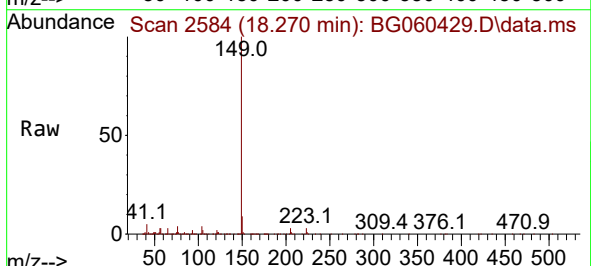
Tgt Ion:149 Resp: 711299

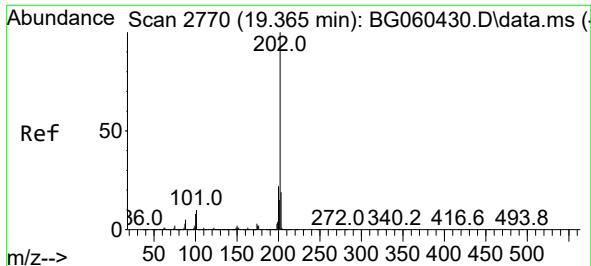
Ion Ratio Lower Upper

149 100

150 8.7 7.7 11.5

104 3.7 3.4 5.0

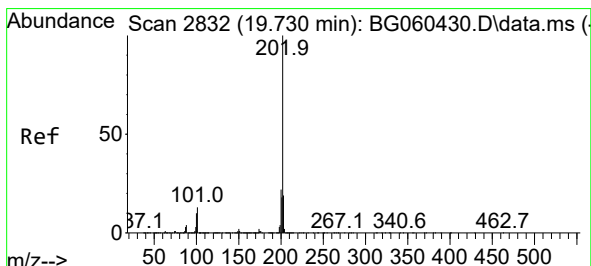
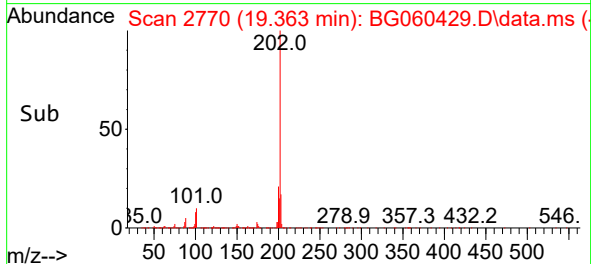
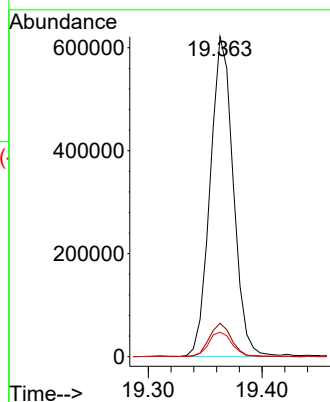
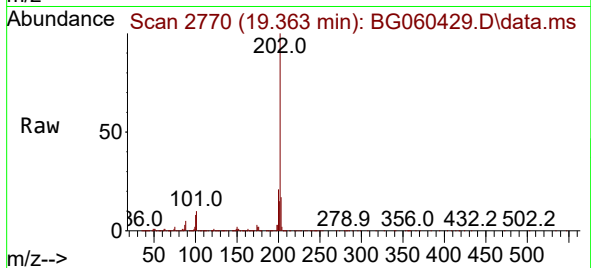




#80
Fluoranthene
Concen: 10.590 ng/ul
RT: 19.363 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

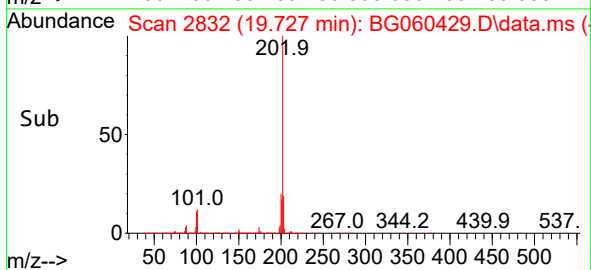
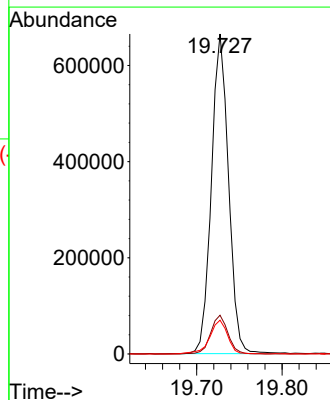
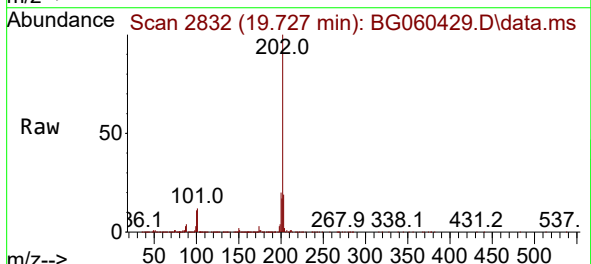
Instrument :
BNA_G
ClientSampleId :
SSTD010449

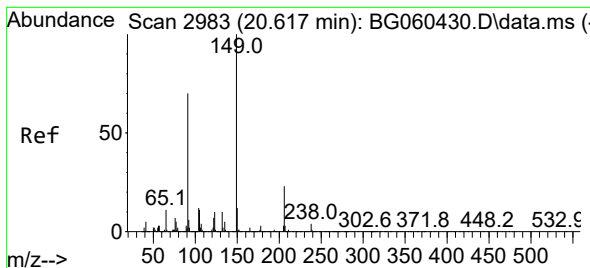
Tgt Ion:202 Resp: 877245
Ion Ratio Lower Upper
202 100
101 10.5 7.9 11.9
100 7.7 6.4 9.6



#82
Pyrene
Concen: 10.758 ng/ul
RT: 19.727 min Scan# 2832
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:202 Resp: 927420
Ion Ratio Lower Upper
202 100
101 12.1 10.0 15.0
100 10.5 8.4 12.6





#83

Butylbenzylphthalate

Concen: 9.870 ng/ul

RT: 20.614 min Scan# 2983

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Instrument :

BNA_G

ClientSampleId :

SSTD010449

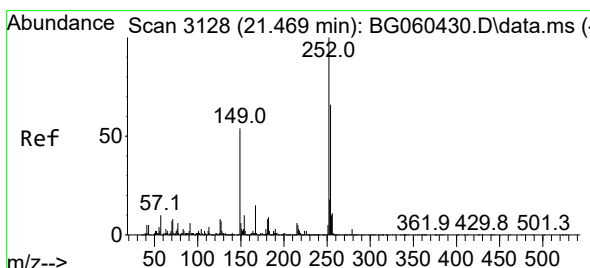
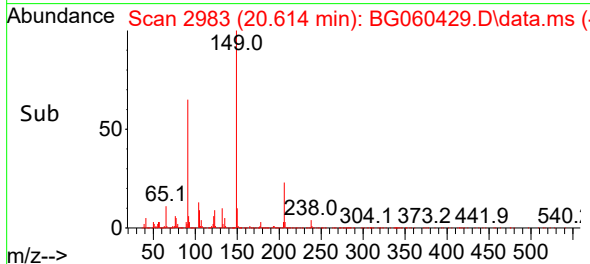
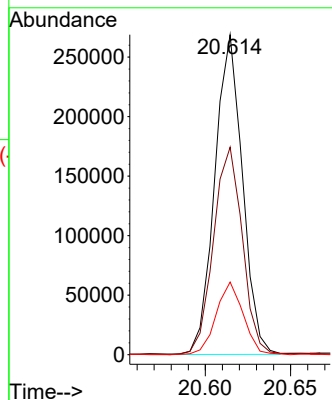
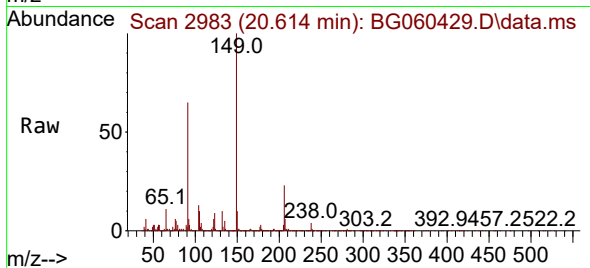
Tgt Ion:149 Resp: 303287

Ion Ratio Lower Upper

149 100

91 64.8 56.3 84.5

206 22.7 18.1 27.1



#84

3,3'-Dichlorobenzidine

Concen: 10.418 ng/ul

RT: 21.472 min Scan# 3129

Delta R.T. 0.004 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

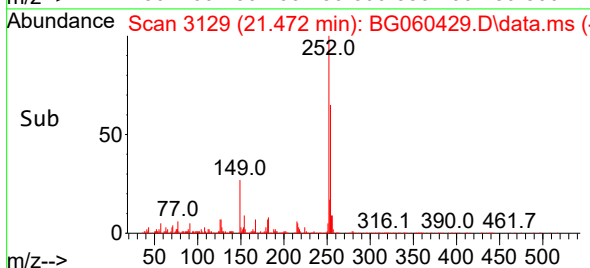
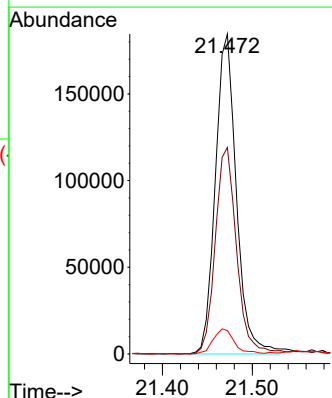
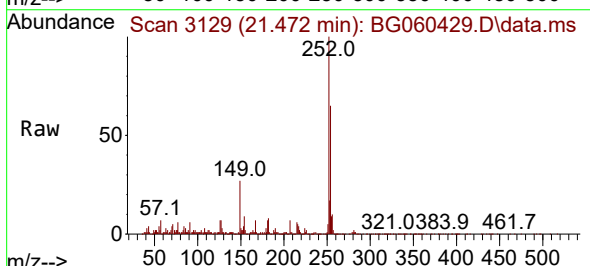
Tgt Ion:252 Resp: 299948

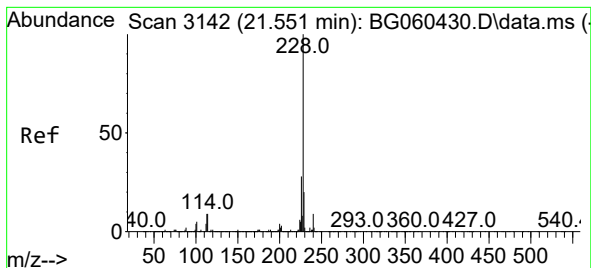
Ion Ratio Lower Upper

252 100

254 64.6 52.8 79.2

126 7.3 6.2 9.4





#85

Benzo(a)anthracene

Concen: 10.302 ng/ul

RT: 21.549 min Scan# 3142

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Instrument :

BNA_G

ClientSampleId :

SSTD010449

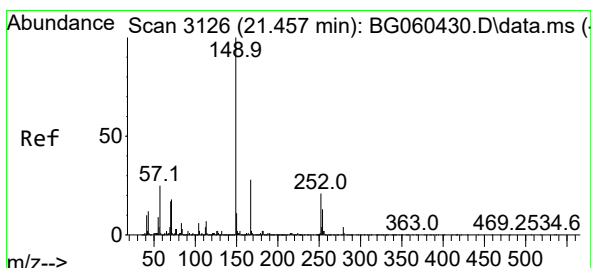
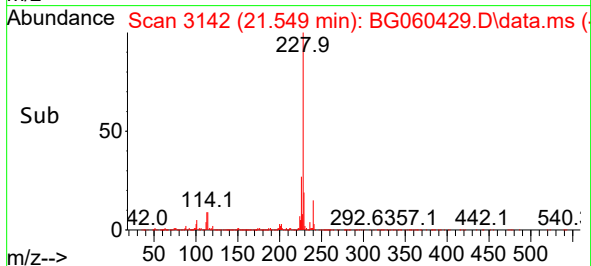
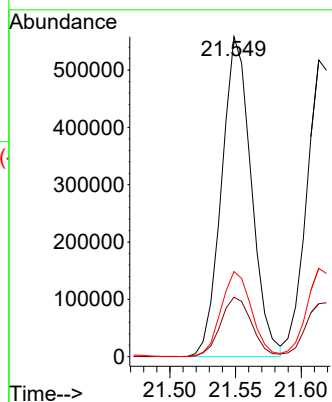
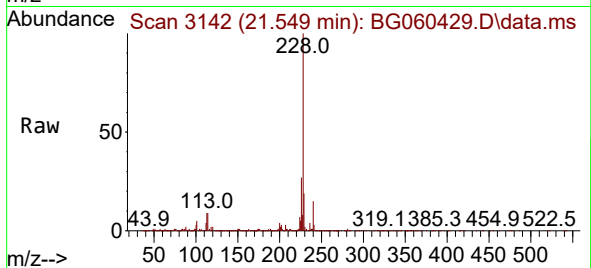
Tgt Ion:228 Resp: 879781

Ion Ratio Lower Upper

228 100

229 18.6 16.2 24.2

226 26.6 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 9.950 ng/ul

RT: 21.455 min Scan# 3126

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

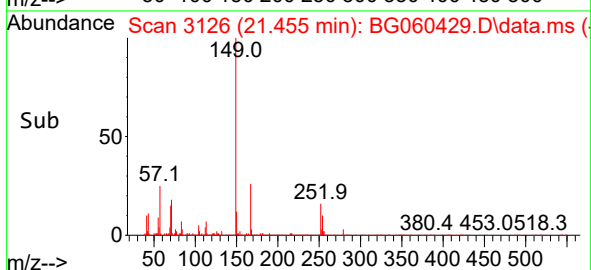
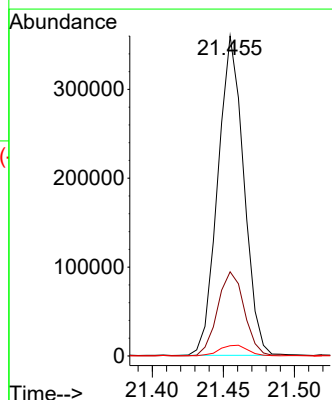
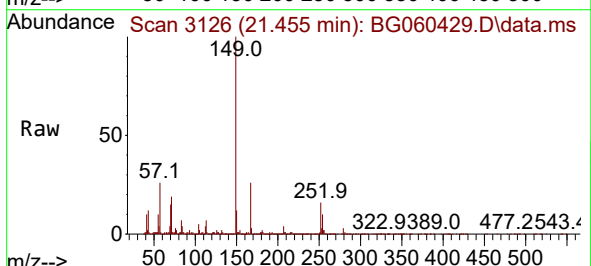
Tgt Ion:149 Resp: 456373

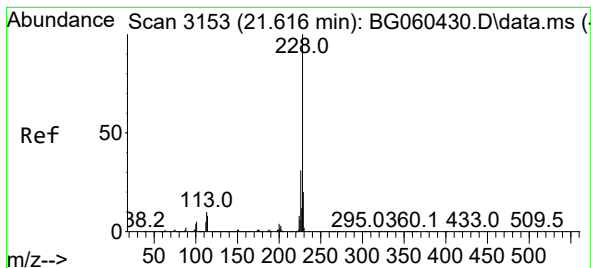
Ion Ratio Lower Upper

149 100

167 26.3 22.2 33.4

279 3.2 3.0 4.4





#87

Chrysene

Concen: 10.254 ng/ul

RT: 21.613 min Scan# 3153

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Instrument :

BNA_G

ClientSampleId :

SSTD010449

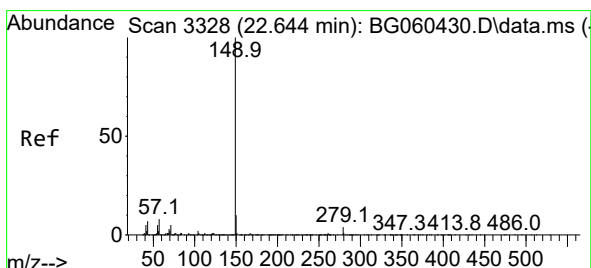
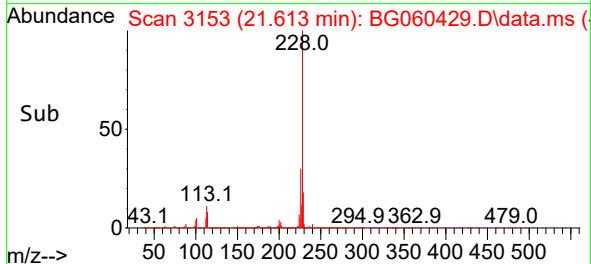
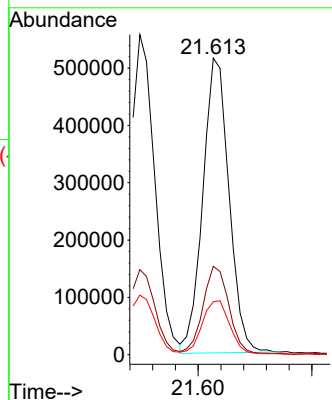
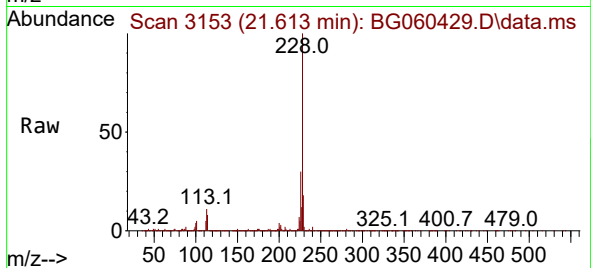
Tgt Ion:228 Resp: 822593

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

229 17.8 16.2 24.4



#89

Di-n-octyl phthalate

Concen: 10.475 ng/ul

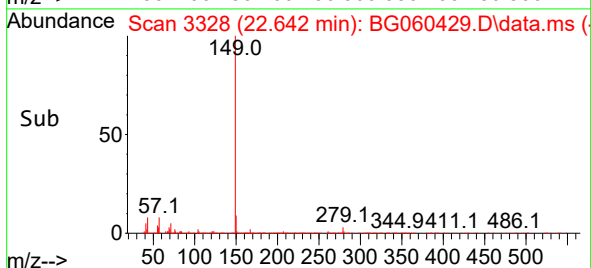
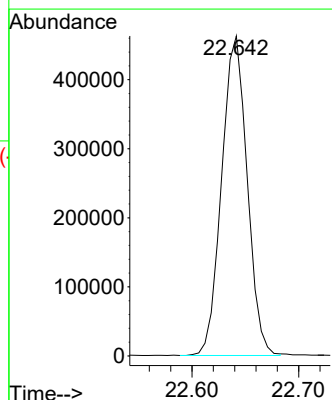
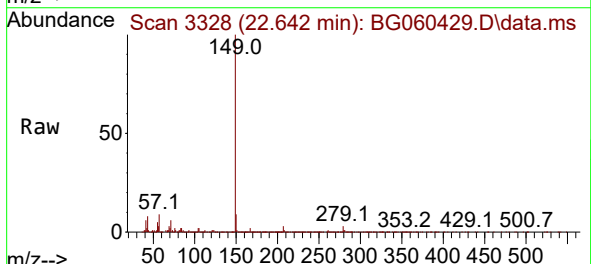
RT: 22.642 min Scan# 3328

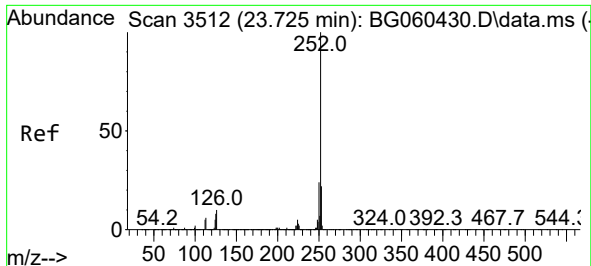
Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Tgt Ion:149 Resp: 768150

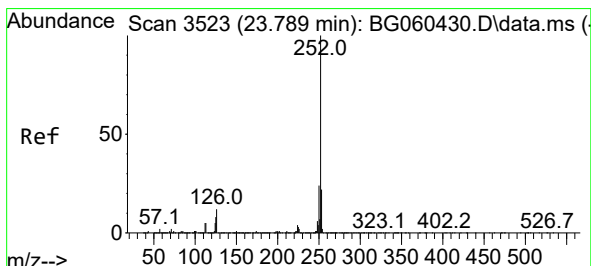
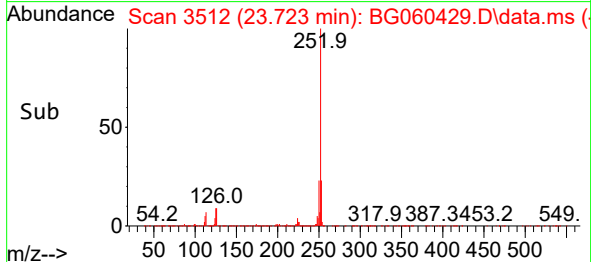
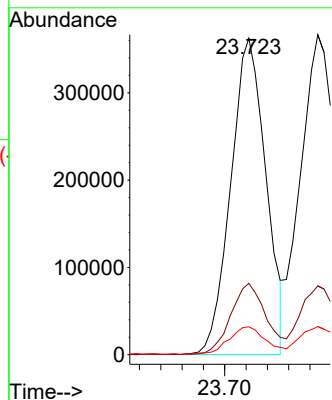
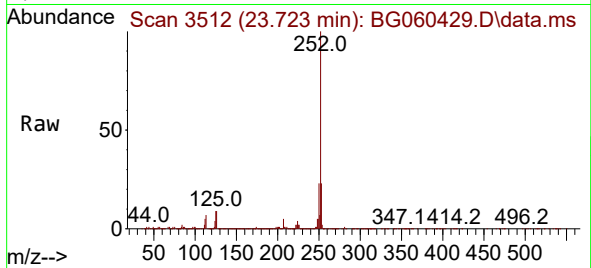




#90
Benzo(b)fluoranthene
Concen: 9.715 ng/ul
RT: 23.723 min Scan# 3512
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

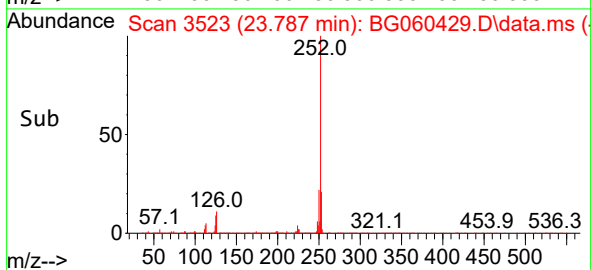
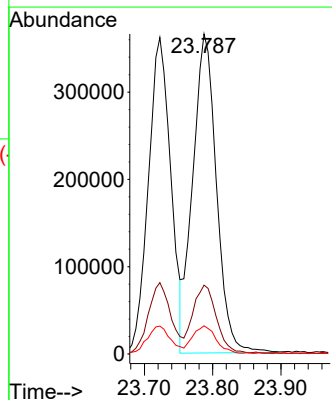
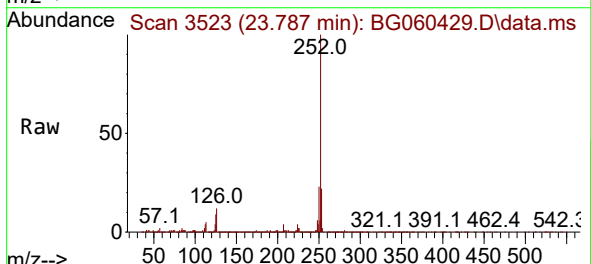
Instrument :
BNA_G
ClientSampleId :
SSTD010449

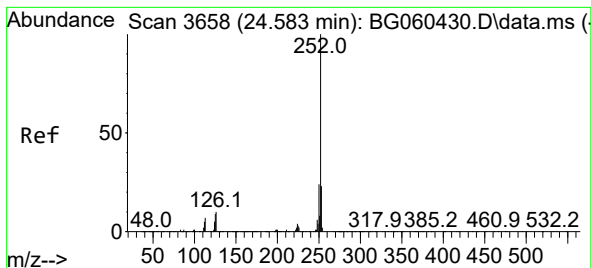
Tgt Ion:252 Resp: 828413
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 8.8 6.2 9.4



#91
Benzo(k)fluoranthene
Concen: 10.105 ng/ul
RT: 23.787 min Scan# 3523
Delta R.T. -0.002 min
Lab File: BG060429.D
Acq: 25 Jan 2024 18:56

Tgt Ion:252 Resp: 879628
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 8.8 6.8 10.2





#93

Benzo(a)pyrene

Concen: 9.759 ng/ul

RT: 24.580 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Instrument :

BNA_G

ClientSampleId :

SSTD010449

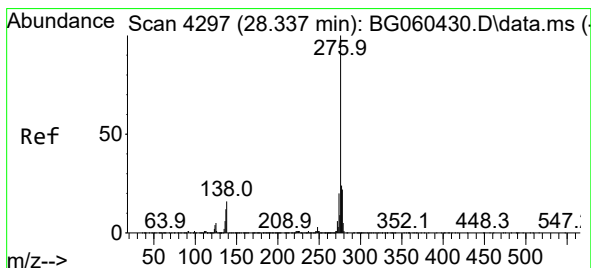
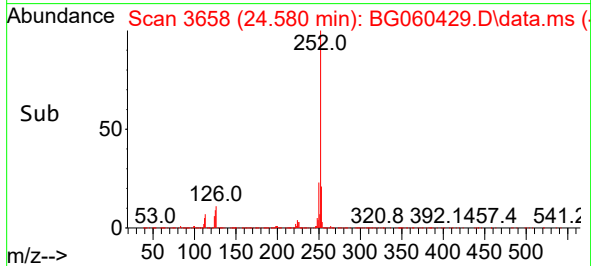
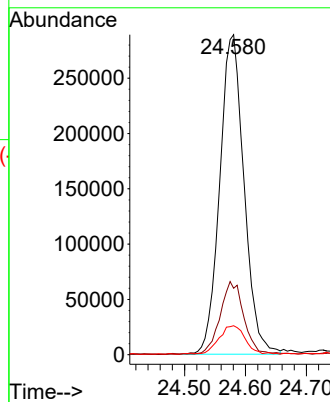
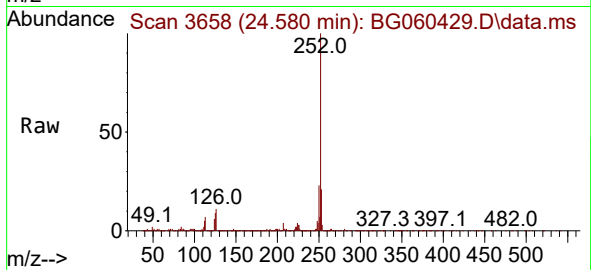
Tgt Ion:252 Resp: 800527

Ion Ratio Lower Upper

252 100

253 20.8 18.3 27.5

125 9.1 7.4 11.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.667 ng/ul

RT: 28.317 min Scan# 4294

Delta R.T. -0.020 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

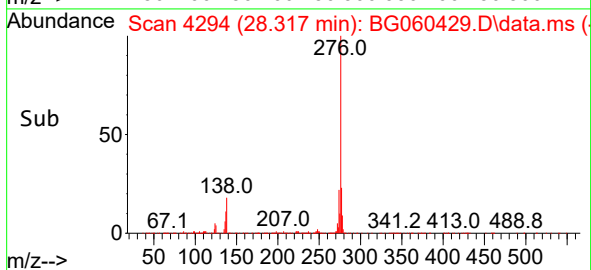
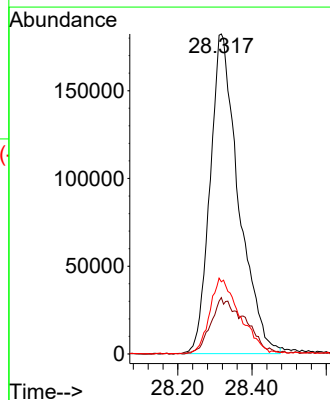
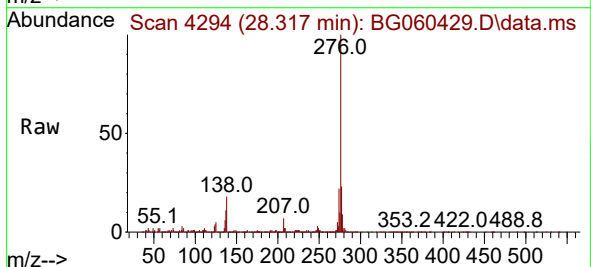
Tgt Ion:276 Resp: 972022

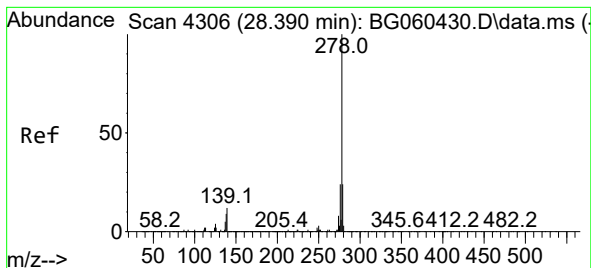
Ion Ratio Lower Upper

276 100

138 17.6 13.0 19.4

277 22.6 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 9.635 ng/ul

RT: 28.382 min Scan# 41

Delta R.T. -0.008 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Instrument :

BNA_G

ClientSampleId :

SSTD010449

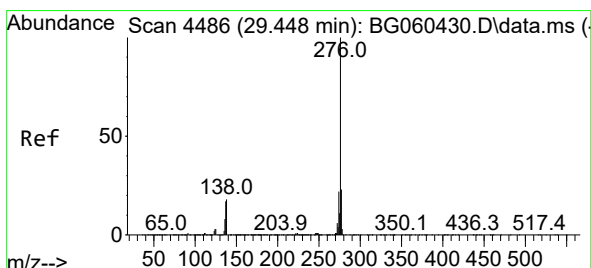
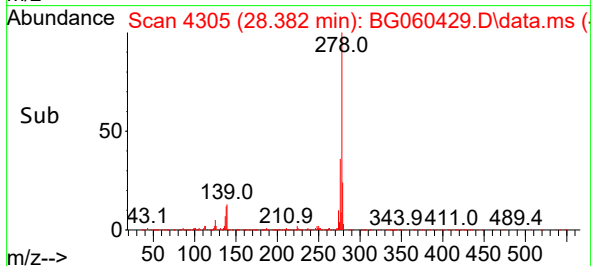
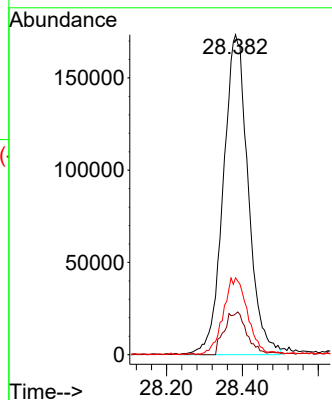
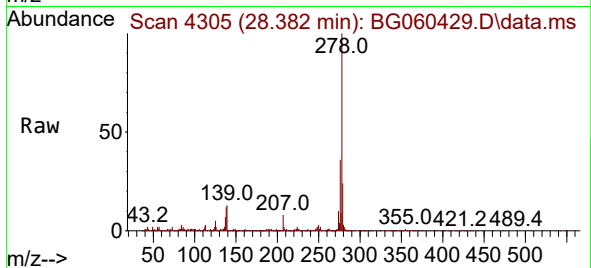
Tgt Ion:278 Resp: 790415

Ion Ratio Lower Upper

278 100

139 12.7 9.9 14.9

279 24.0 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 9.469 ng/ul

RT: 29.445 min Scan# 4486

Delta R.T. -0.002 min

Lab File: BG060429.D

Acq: 25 Jan 2024 18:56

Tgt Ion:276 Resp: 770902

Ion Ratio Lower Upper

276 100

138 16.4 14.6 22.0

277 24.2 18.3 27.5

