

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060228.D
 Acq On : 3 Jan 2024 15:33
 Operator : MA/JU
 Sample : PB158126BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 16:11:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	238569	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	1049329	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	841471	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	2023540	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1754784	20.000	ng	0.00
86) Perylene-d12	24.763	264	1890084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1683191	106.489	ng	0.00
7) Phenol-d6	7.101	99	2934640	125.046	ng	0.00
23) Nitrobenzene-d5	9.099	82	1731533	76.220	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1377551	122.297	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	4119211	70.356	ng	0.00
79) Terphenyl-d14	19.945	244	5535226	60.642	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	209212	29.750	ng	96
3) Pyridine	3.799	79	526158	26.382	ng	99
4) n-Nitrosodimethylamine	3.717	42	249690	33.560	ng	98
6) Aniline	7.260	93	922228	39.221	ng	96
8) 2-Chlorophenol	7.501	128	675506	44.468	ng	96
9) Benzaldehyde	7.072	77	345788	24.507	ng	95
10) Phenol	7.131	94	1088801	46.006	ng	95
11) bis(2-Chloroethyl)ether	7.354	93	745083	38.906	ng	95
12) 1,3-Dichlorobenzene	7.824	146	673231	35.901	ng	97
13) 1,4-Dichlorobenzene	7.971	146	689536	36.372	ng	96
14) 1,2-Dichlorobenzene	8.288	146	702881	37.925	ng	99
15) Benzyl Alcohol	8.176	79	685953	47.090	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.458	45	955875	38.892	ng	99
17) 2-Methylphenol	8.376	107	696818	47.022	ng	98
18) Hexachloroethane	9.017	117	238229	39.900	ng	93
19) n-Nitroso-di-n-propyla...	8.740	70	657148	40.988	ng	97
20) 3+4-Methylphenols	8.705	107	953410	45.395	ng	99
22) Acetophenone	8.758	105	1173854	37.757	ng	# 96
24) Nitrobenzene	9.140	77	897136	38.597	ng	99
25) Isophorone	9.657	82	1797326	37.814	ng	99
26) 2-Nitrophenol	9.851	139	370384	45.665	ng	94
27) 2,4-Dimethylphenol	9.910	122	717906	62.486	ng	100
28) bis(2-Chloroethoxy)met...	10.145	93	1105205	39.701	ng	99
29) 2,4-Dichlorophenol	10.386	162	824908	45.431	ng	93
30) 1,2,4-Trichlorobenzene	10.603	180	811657	36.726	ng	98
31) Naphthalene	10.791	128	2098991	37.889	ng	99
32) Benzoic acid	10.057	122	452792	44.935	ng	88
33) 4-Chloroaniline	10.897	127	548174	25.337	ng	97
34) Hexachlorobutadiene	11.073	225	469671	35.733	ng	97
35) Caprolactam	11.672	113	168688	27.928	ng	91
36) 4-Chloro-3-methylphenol	12.025	107	848749	45.420	ng	99
37) 2-Methylnaphthalene	12.401	142	1589829	39.732	ng	99
38) 1-Methylnaphthalene	12.618	142	1528616	37.784	ng	94
40) 1,2,4,5-Tetrachloroben...	12.765	216	1026455	38.082	ng	98
41) Hexachlorocyclopentadiene	12.748	237	1039278	119.289	ng	98
43) 2,4,6-Trichlorophenol	13.006	196	757714	42.778	ng	96

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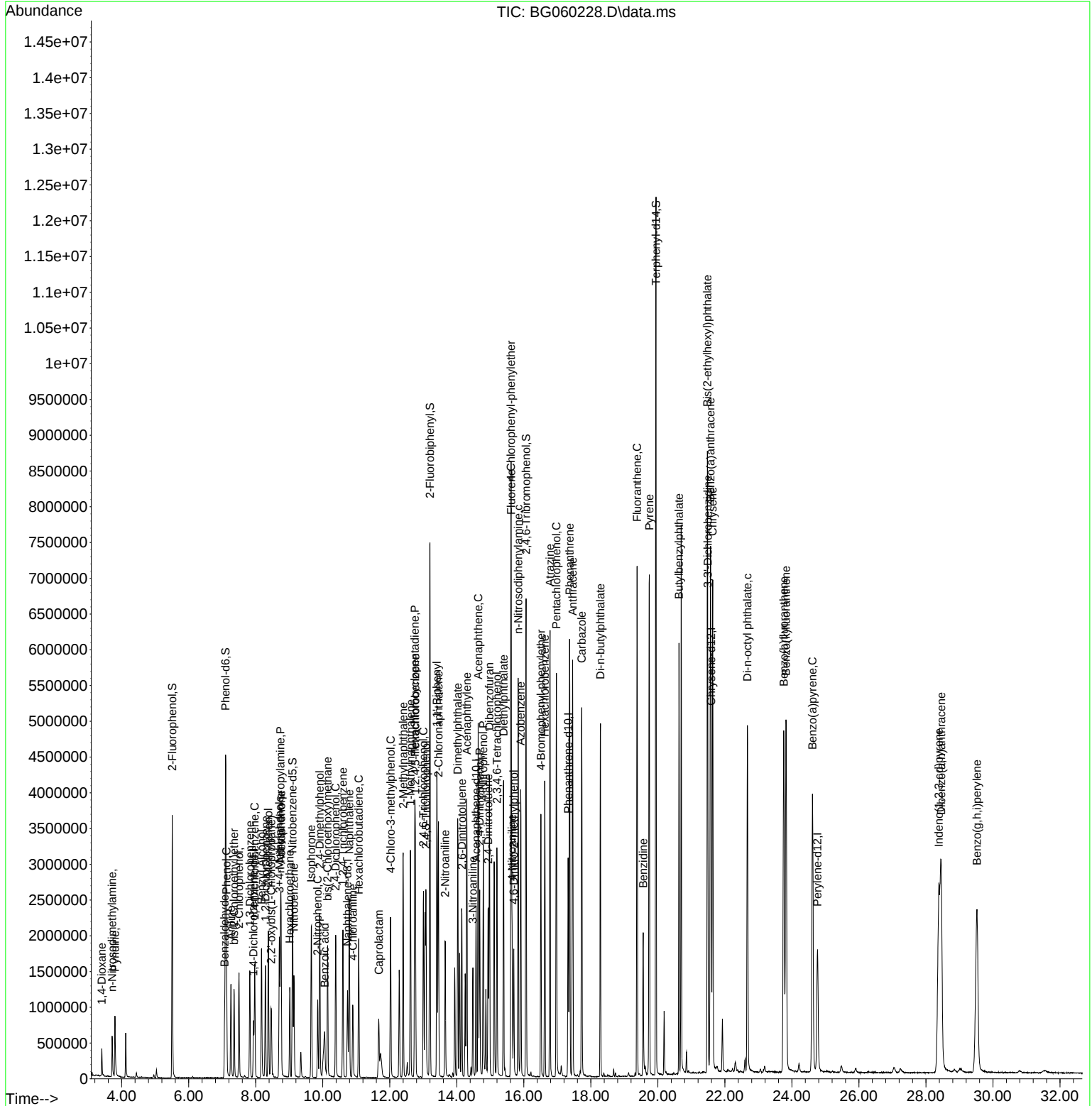
Instrument :
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 ClientSampleId :

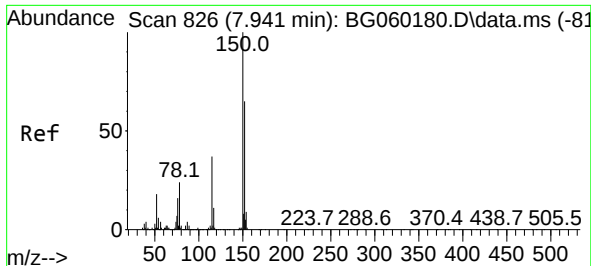
Quant Time: Jan 03 16:11:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	831719	41.975	ng	100
46) 1,1'-Biphenyl	13.406	154	2391882	38.635	ng	97
47) 2-Chloronaphthalene	13.453	162	1962450	37.206	ng	99
48) 2-Nitroaniline	13.652	65	637803	46.270	ng	96
49) Acenaphthylene	14.299	152	3046081	40.081	ng	98
50) Dimethylphthalate	14.028	163	2577121	39.668	ng	98
51) 2,6-Dinitrotoluene	14.152	165	580398	42.951	ng	99
52) Acenaphthene	14.639	154	1828579	38.558	ng	99
53) 3-Nitroaniline	14.481	138	405433	31.841	ng	98
54) 2,4-Dinitrophenol	14.686	184	684374	86.251	ng	99
55) Dibenzofuran	14.974	168	3061886	38.544	ng	98
56) 4-Nitrophenol	14.792	139	899921	93.501	ng	98
57) 2,4-Dinitrotoluene	14.939	165	804111	43.762	ng	99
58) Fluorene	15.627	166	2516124	38.618	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	785266	45.468	ng	99
60) Diethylphthalate	15.397	149	2496268	40.291	ng	98
61) 4-Chlorophenyl-phenyle...	15.615	204	1304563	38.454	ng	98
62) 4-Nitroaniline	15.650	138	569721	42.453	ng	99
63) Azobenzene	15.909	77	2537480	39.504	ng	99
65) 4,6-Dinitro-2-methylph...	15.703	198	489164	48.311	ng	98
66) n-Nitrosodiphenylamine	15.832	169	2278310	41.782	ng	98
67) 4-Bromophenyl-phenylether	16.514	248	854957	39.851	ng	96
68) Hexachlorobenzene	16.625	284	971331	38.615	ng	96
69) Atrazine	16.784	200	1289551	64.346	ng	100
70) Pentachlorophenol	16.972	266	1147140	83.016	ng	98
71) Phenanthrene	17.366	178	3976443	39.756	ng	97
72) Anthracene	17.460	178	3953371	39.792	ng	96
73) Carbazole	17.730	167	3695785	39.220	ng	96
74) Di-n-butylphthalate	18.288	149	3765736	41.238	ng	98
75) Fluoranthene	19.381	202	4322778	36.845	ng	95
77) Benzidine	19.563	184	1430507	29.455	ng	99
78) Pyrene	19.745	202	4499173	38.142	ng	95
80) Butylbenzylphthalate	20.632	149	1796059	51.638	ng	97
81) Benzo(a)anthracene	21.572	228	4447010	39.858	ng	95
82) 3,3'-Dichlorobenzidine	21.490	252	1455721	35.880	ng	100
83) Chrysene	21.637	228	4264294	39.341	ng	96
84) Bis(2-ethylhexyl)phtha...	21.478	149	2692340	51.044	ng	97
85) Di-n-octyl phthalate	22.671	149	4456525	51.616	ng	100
87) Indeno(1,2,3-cd)pyrene	28.382	276	5848089	43.886	ng	# 92
88) Benzo(b)fluoranthene	23.758	252	4934581	43.445	ng	98
89) Benzo(k)fluoranthene	23.823	252	4811066	42.084	ng	98
90) Benzo(a)pyrene	24.616	252	4393108	42.751	ng	99
91) Dibenzo(a,h)anthracene	28.453	278	4842736	44.230	ng	98
92) Benzo(g,h,i)perylene	29.522	276	4738288	42.725	ng	99

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

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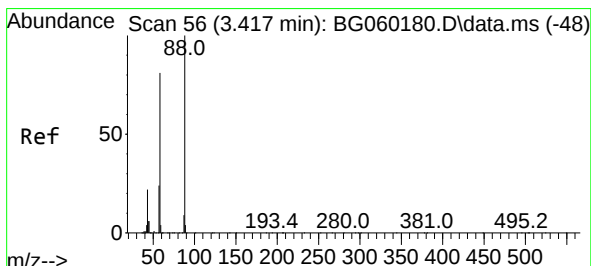
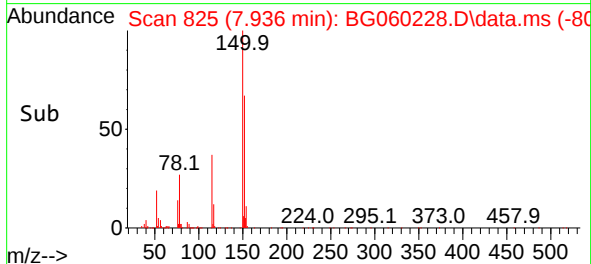
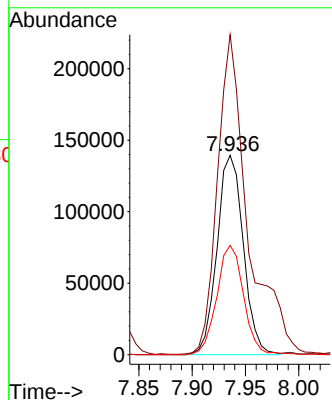
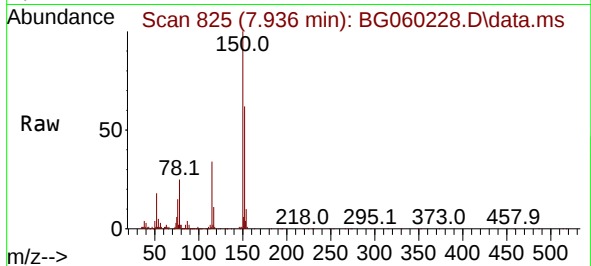




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

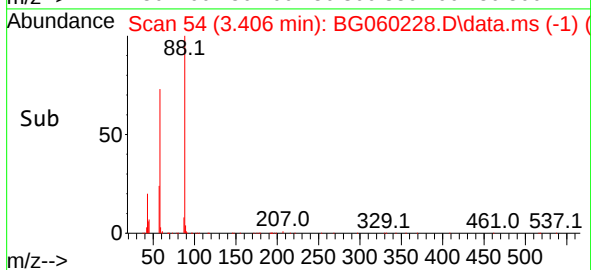
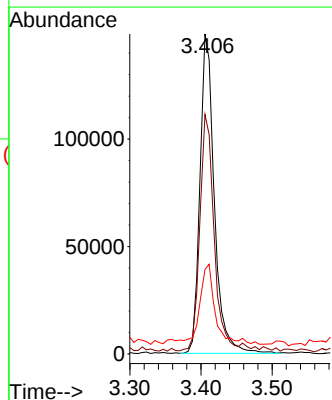
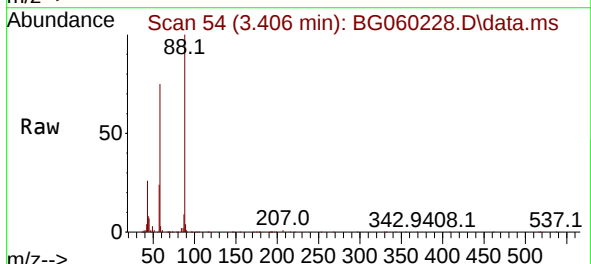
Instrument :
BNA_G
ClientSampleId :

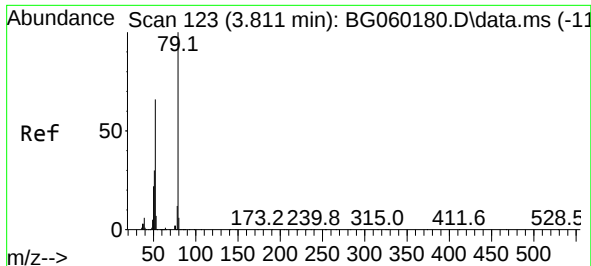
Tgt Ion:152 Resp: 238569
Ion Ratio Lower Upper
152 100
150 160.6 123.4 185.0
115 54.8 45.4 68.0



#2
1,4-Dioxane
Concen: 29.750 ng
RT: 3.406 min Scan# 54
Delta R.T. -0.011 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

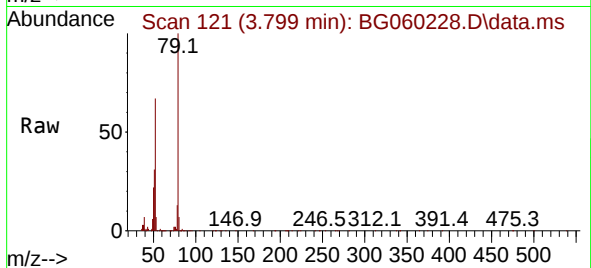
Tgt Ion: 88 Resp: 209212
Ion Ratio Lower Upper
88 100
58 72.8 60.5 90.7
43 26.6 18.9 28.3



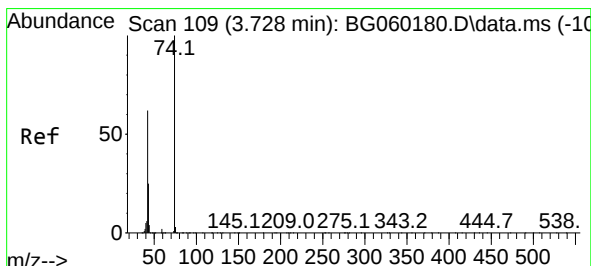
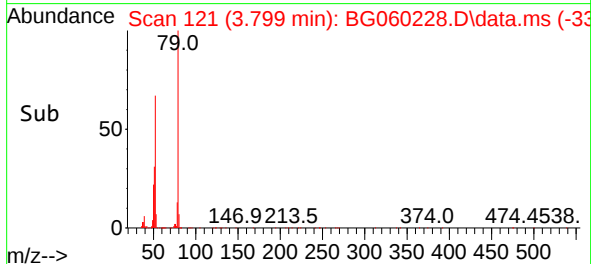
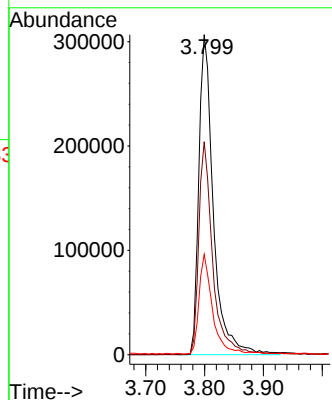


#3
Pyridine
Concen: 26.382 ng
RT: 3.799 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Instrument :
BNA_G
ClientSampleId :

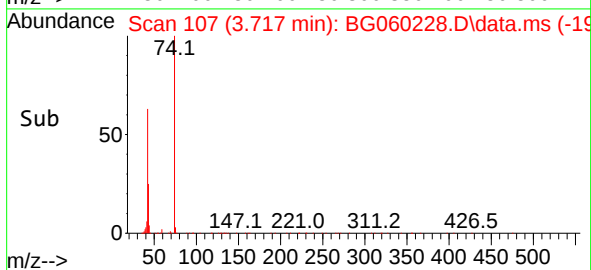
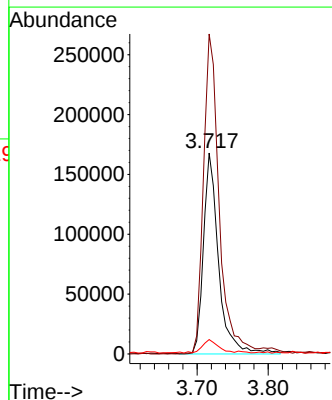
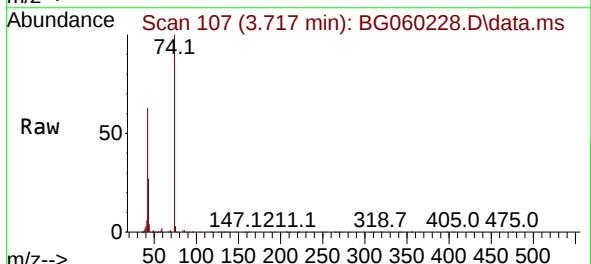


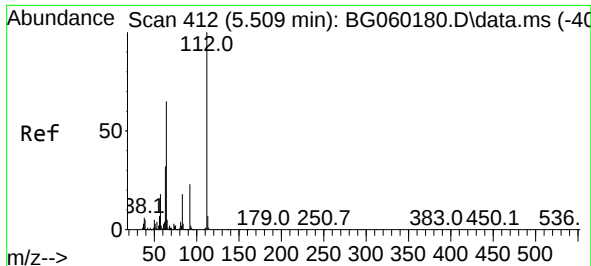
Tgt Ion: 79 Resp: 526158
Ion Ratio Lower Upper
79 100
52 66.6 52.9 79.3
51 31.4 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 33.560 ng
RT: 3.717 min Scan# 107
Delta R.T. -0.011 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion: 42 Resp: 249690
Ion Ratio Lower Upper
42 100
74 159.2 129.5 194.3
44 7.1 5.9 8.9

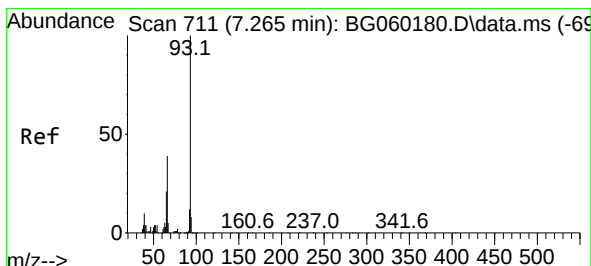
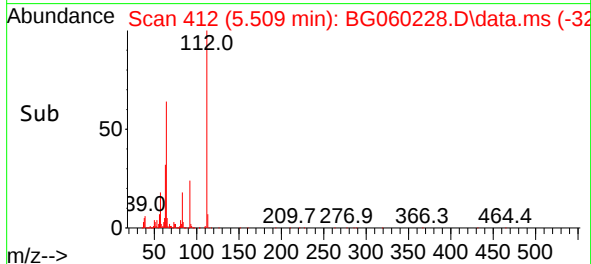
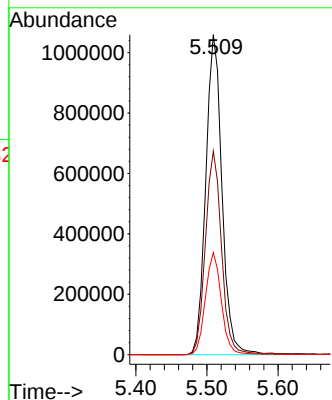
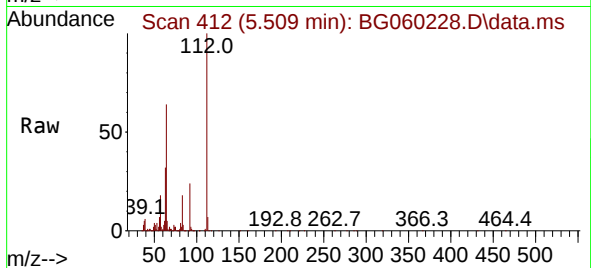




#5
2-Fluorophenol
Concen: 106.489 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

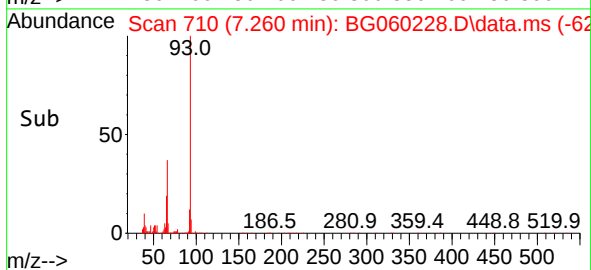
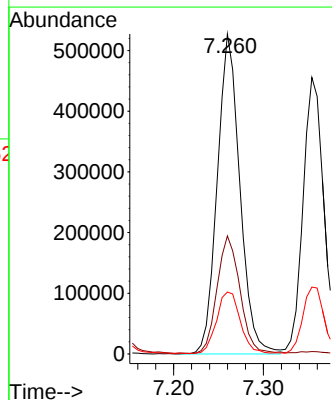
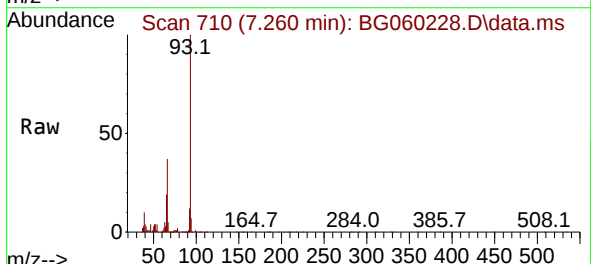
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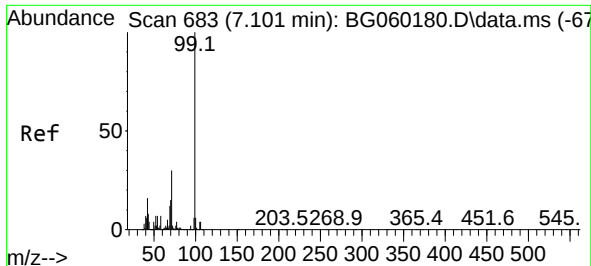
Tgt Ion:112 Resp: 1683191
Ion Ratio Lower Upper
112 100
64 63.6 52.2 78.4
63 31.9 25.4 38.0



#6
Aniline
Concen: 39.221 ng
RT: 7.260 min Scan# 710
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion: 93 Resp: 922228
Ion Ratio Lower Upper
93 100
66 36.9 31.7 47.5
65 19.3 16.7 25.1

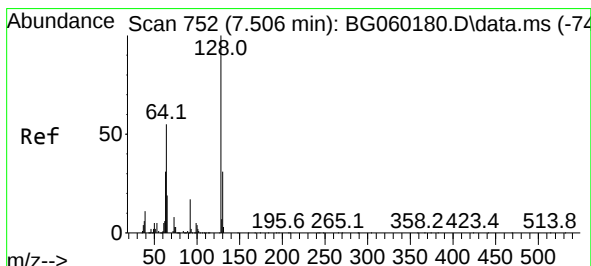
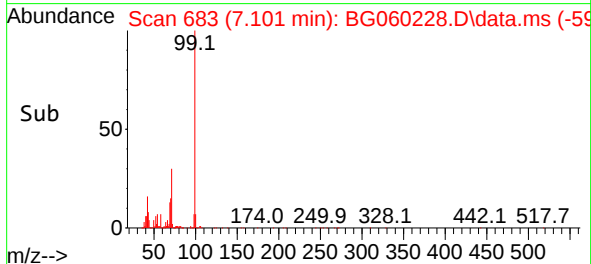
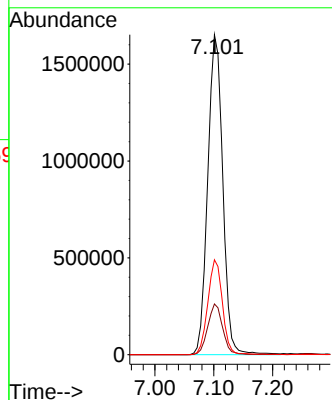
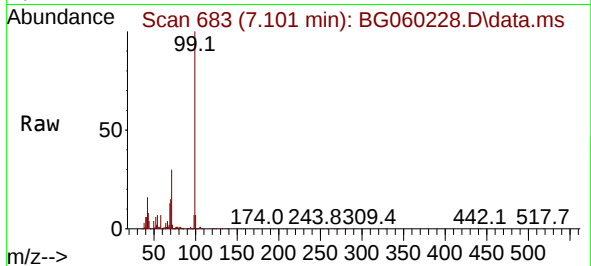




#7
Phenol-d6
Concen: 125.046 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

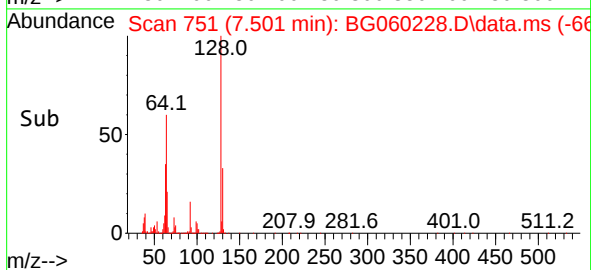
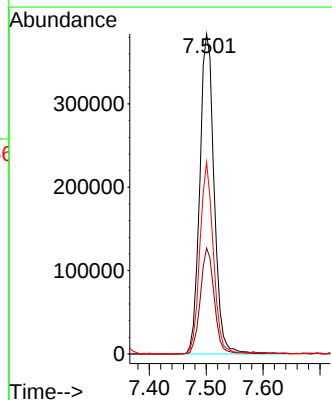
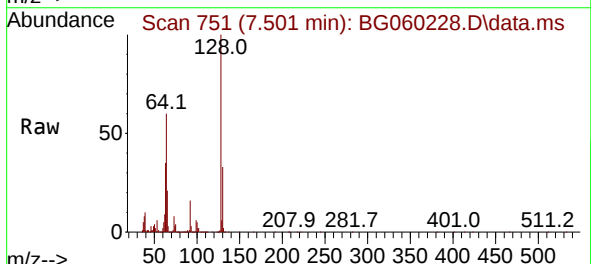
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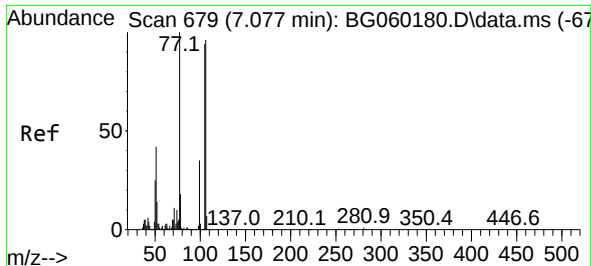
Tgt Ion: 99 Resp: 2934640
Ion Ratio Lower Upper
99 100
42 15.8 12.5 18.7
71 29.7 24.1 36.1



#8
2-Chlorophenol
Concen: 44.468 ng
RT: 7.501 min Scan# 751
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion: 128 Resp: 675506
Ion Ratio Lower Upper
128 100
130 33.1 11.3 51.3
64 59.9 36.4 76.4

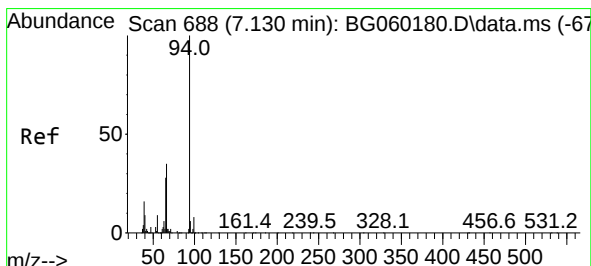
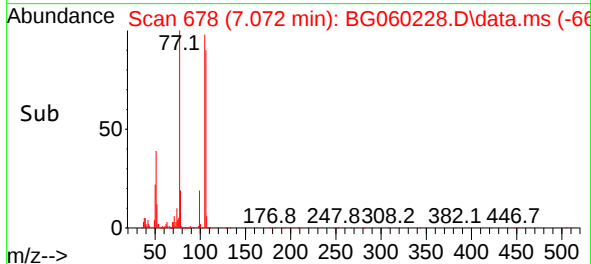
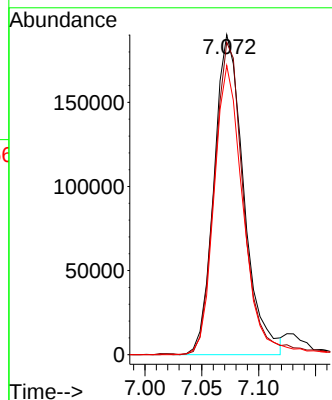
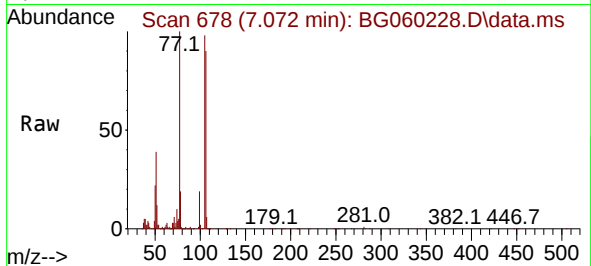




#9
Benzaldehyde
Concen: 24.507 ng
RT: 7.072 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

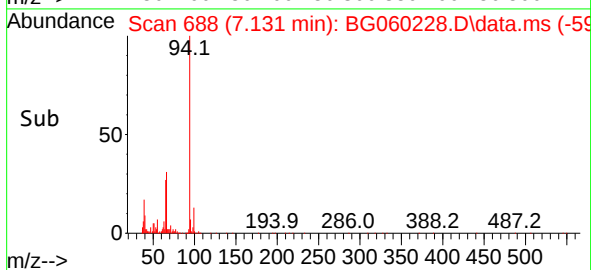
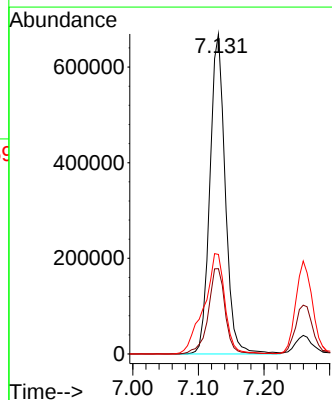
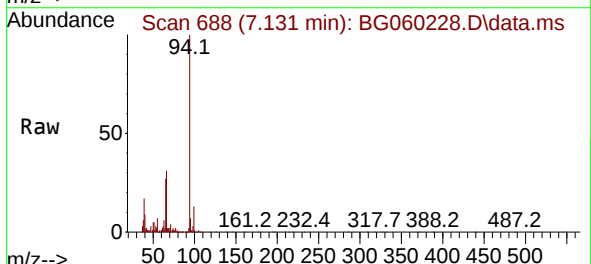
Instrument :
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ClientSampleId :

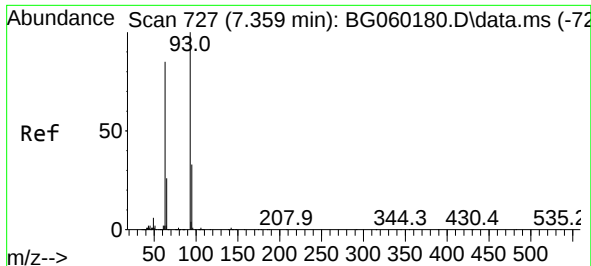
Tgt Ion: 77 Resp: 345788
Ion Ratio Lower Upper
77 100
105 97.6 73.8 113.8
106 90.3 76.2 116.2



#10
Phenol
Concen: 46.006 ng
RT: 7.131 min Scan# 688
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion: 94 Resp: 1088801
Ion Ratio Lower Upper
94 100
65 26.7 8.4 48.4
66 31.1 15.0 55.0

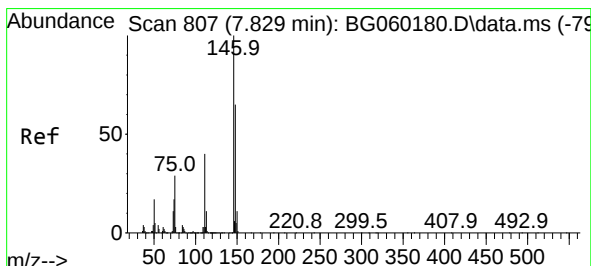
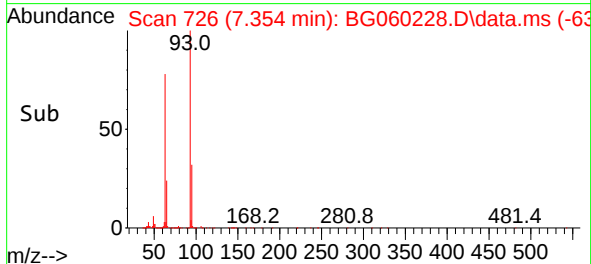
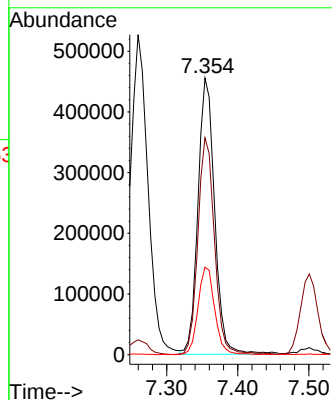
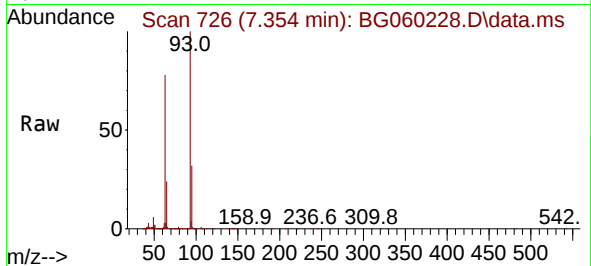




#11
bis(2-Chloroethyl)ether
Concen: 38.906 ng
RT: 7.354 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

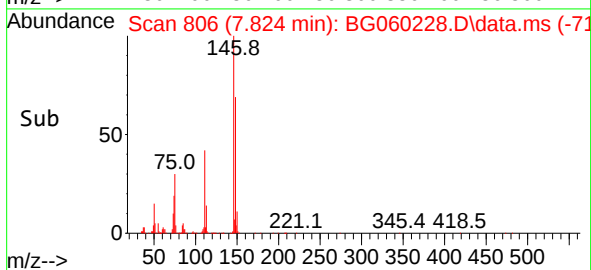
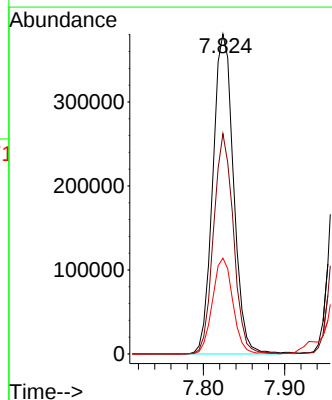
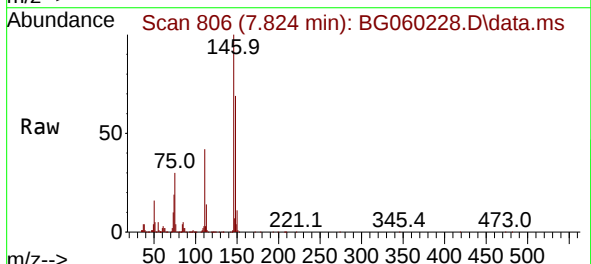
Instrument :
BNA_G
ClientSampleId :

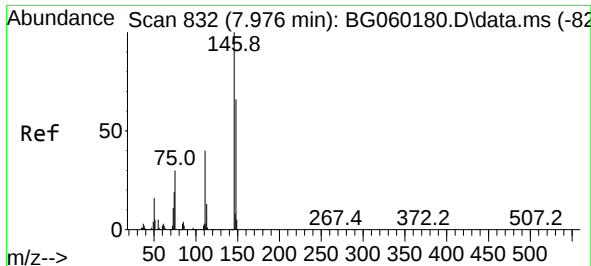
Tgt Ion: 93 Resp: 745083
Ion Ratio Lower Upper
93 100
63 78.4 63.8 103.8
95 31.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 35.901 ng
RT: 7.824 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:146 Resp: 673231
Ion Ratio Lower Upper
146 100
148 68.8 52.2 78.4
75 29.9 23.4 35.2

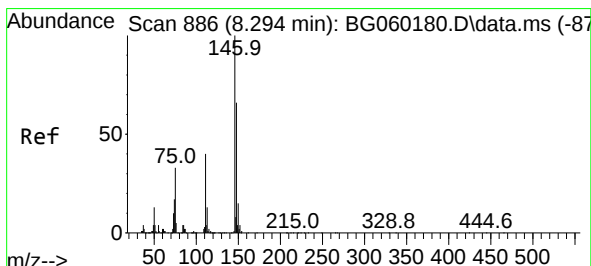
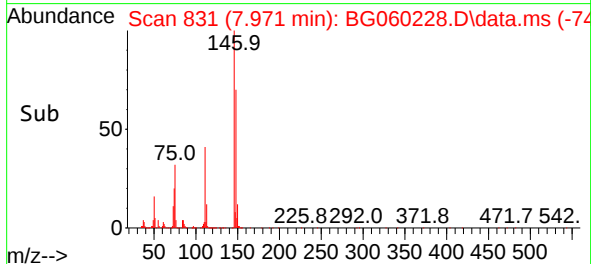
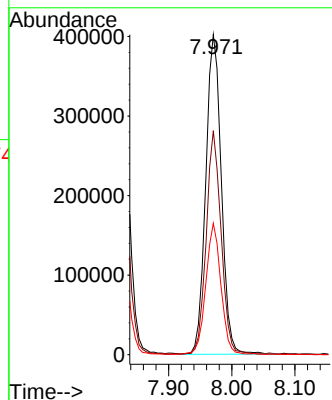
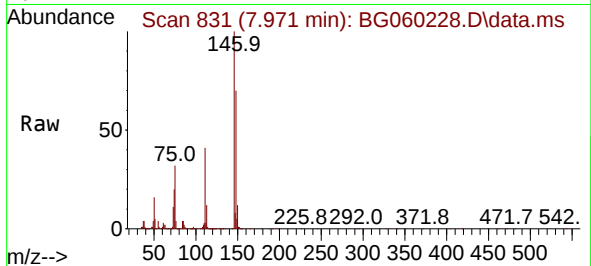




#13
1,4-Dichlorobenzene
Concen: 36.372 ng
RT: 7.971 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

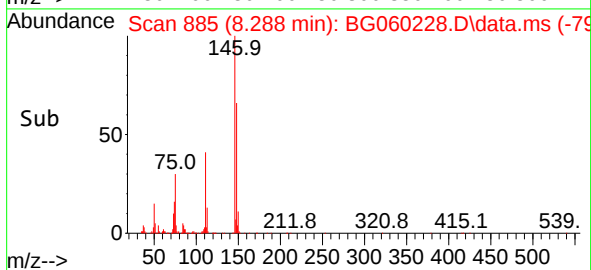
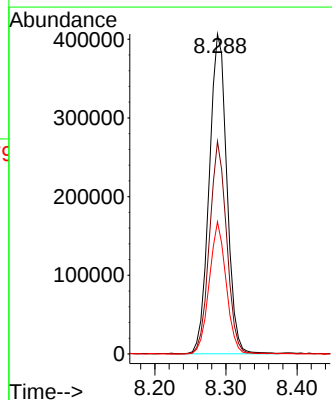
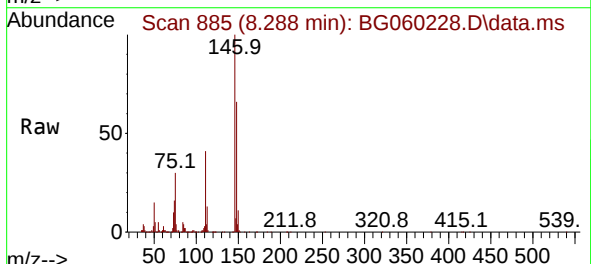
Instrument :
BNA_G
ClientSampleId :

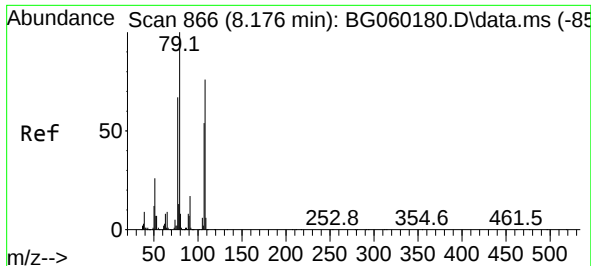
Tgt Ion:146 Resp: 689536
Ion Ratio Lower Upper
146 100
148 70.0 53.0 79.4
111 41.0 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 37.925 ng
RT: 8.288 min Scan# 885
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:146 Resp: 702881
Ion Ratio Lower Upper
146 100
148 66.5 52.9 79.3
111 41.3 31.8 47.8

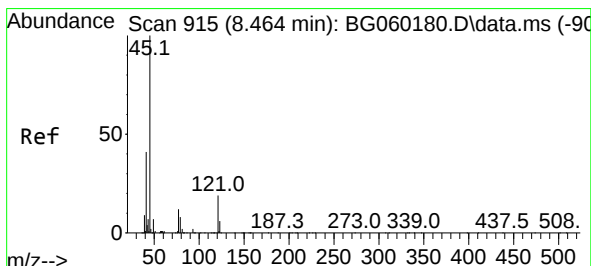
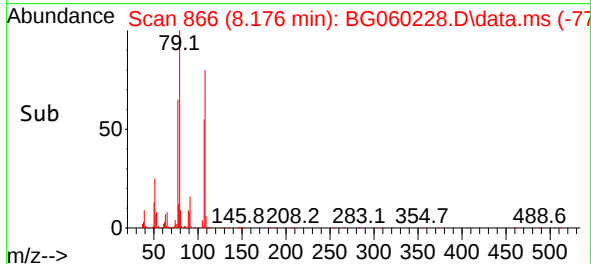
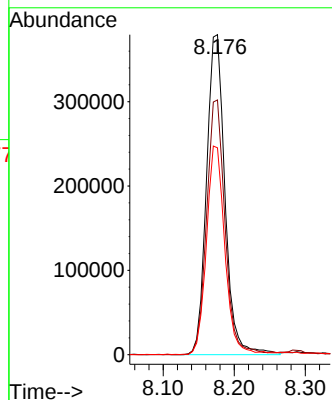
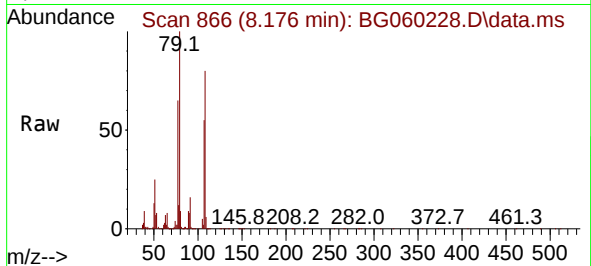




#15
Benzyl Alcohol
Concen: 47.090 ng
RT: 8.176 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

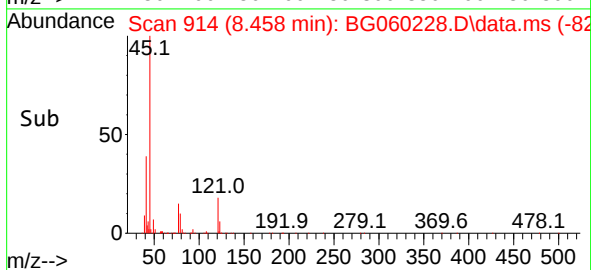
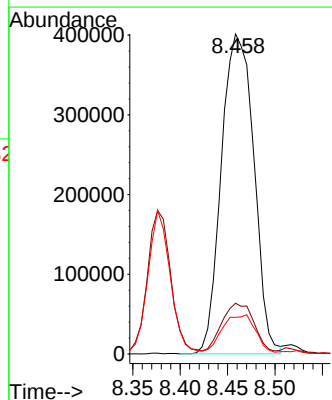
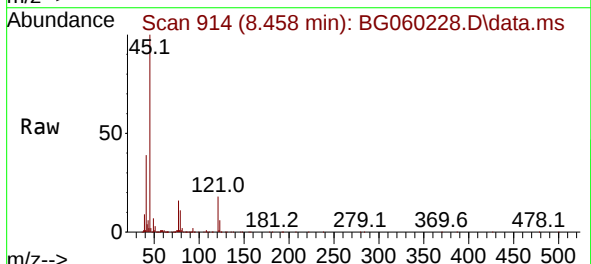
Instrument :
BNA_G
ClientSampleId :

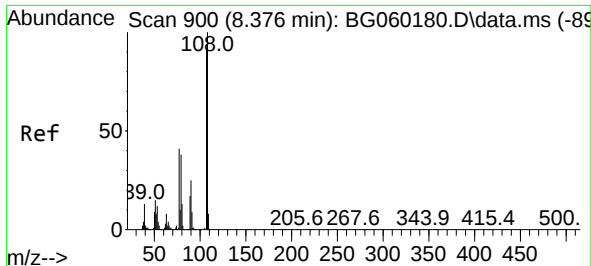
Tgt Ion: 79 Resp: 685953
Ion Ratio Lower Upper
79 100
108 79.6 60.6 91.0
77 64.7 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.892 ng
RT: 8.458 min Scan# 914
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion: 45 Resp: 955875
Ion Ratio Lower Upper
45 100
77 15.8 0.0 35.5
79 11.4 0.0 31.5





#17

2-Methylphenol

Concen: 47.022 ng

RT: 8.376 min Scan# 900

Delta R.T. 0.000 min

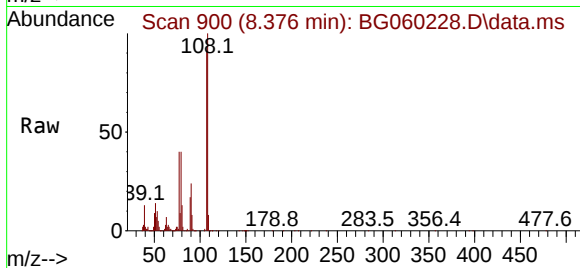
Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:107 Resp: 696818

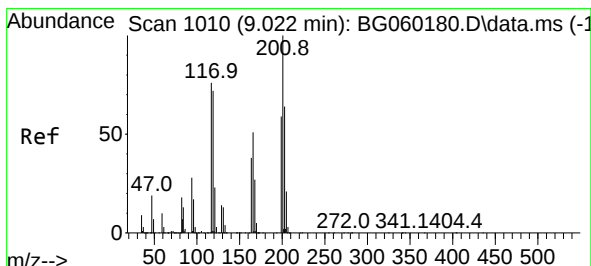
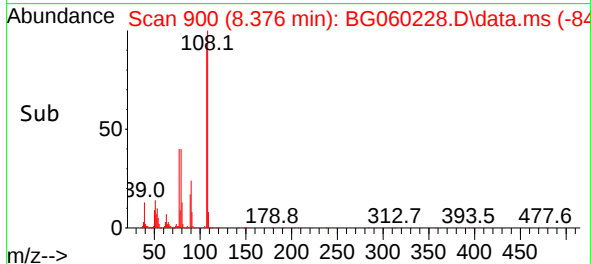
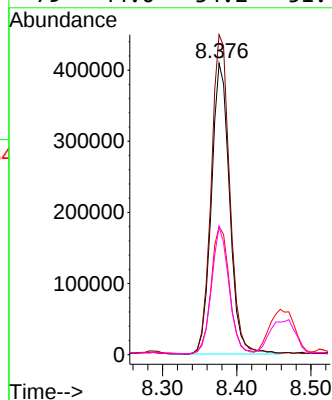
Ion Ratio Lower Upper

107 100

108 109.8 88.7 133.1

77 44.0 36.4 54.6

79 44.0 34.2 51.4



#18

Hexachloroethane

Concen: 39.900 ng

RT: 9.017 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

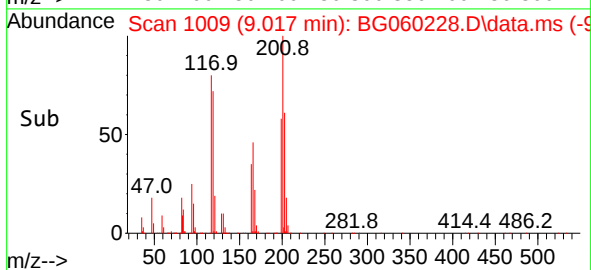
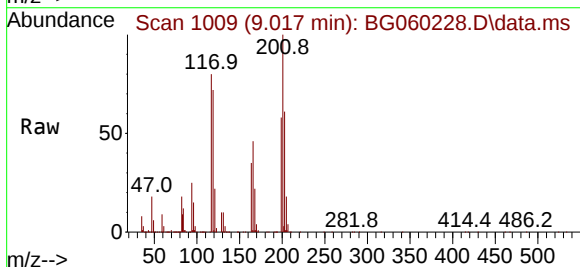
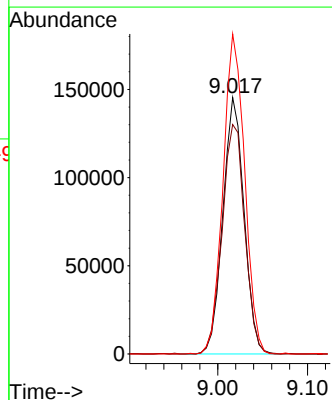
Tgt Ion:117 Resp: 238229

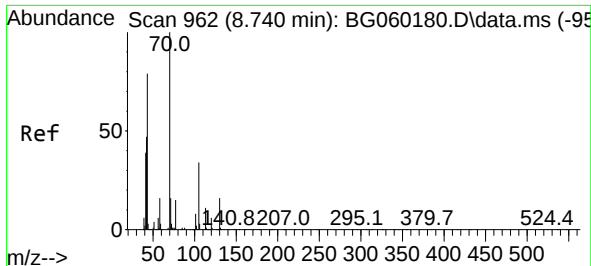
Ion Ratio Lower Upper

117 100

119 89.5 76.0 114.0

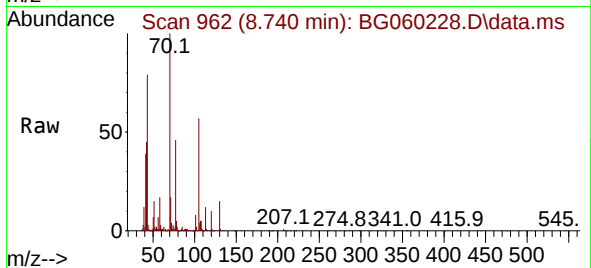
201 124.8 107.5 161.3





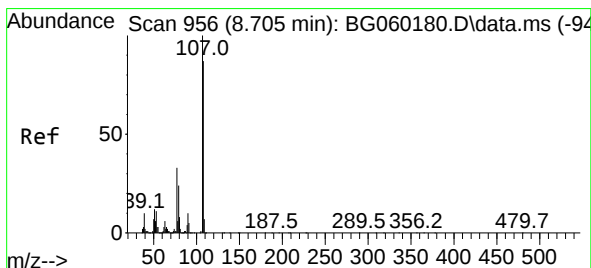
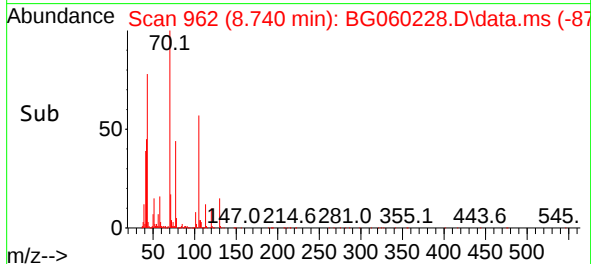
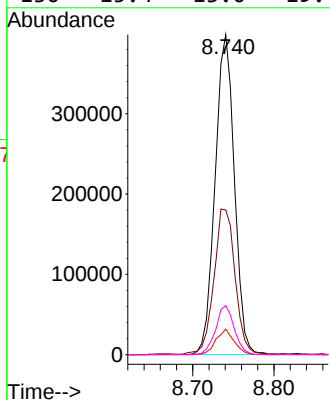
#19
n-Nitroso-di-n-propylamine
Concen: 40.988 ng
RT: 8.740 min Scan# 962
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 70 Resp: 657148

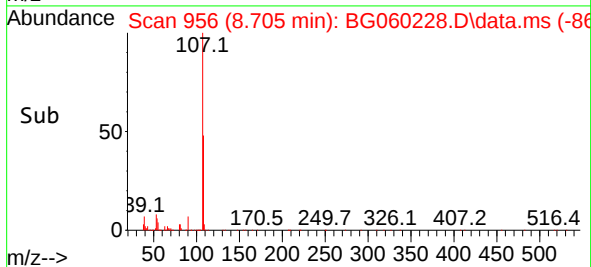
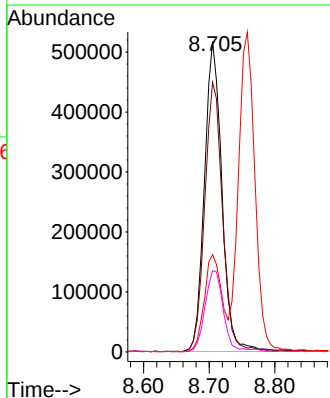
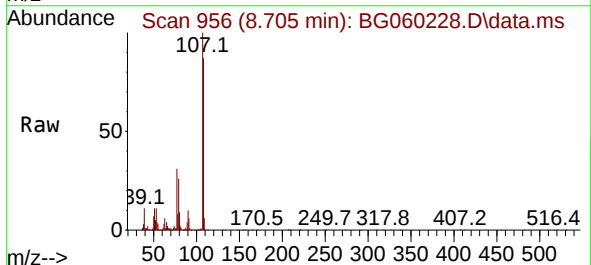
Ion	Ratio	Lower	Upper
70	100		
42	45.3	37.9	56.9
101	8.0	6.2	9.2
130	15.4	13.0	19.4

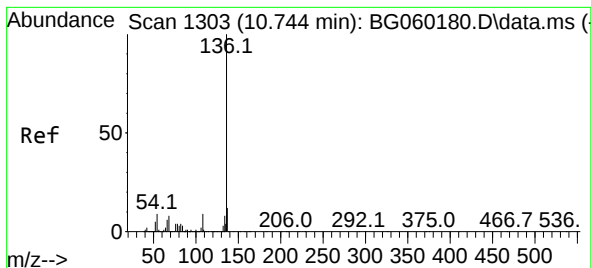


#20
3+4-Methylphenols
Concen: 45.395 ng
RT: 8.705 min Scan# 956
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion: 107 Resp: 953410

Ion	Ratio	Lower	Upper
107	100		
108	86.9	67.4	107.4
77	31.4	12.8	52.8
79	26.2	4.5	44.5

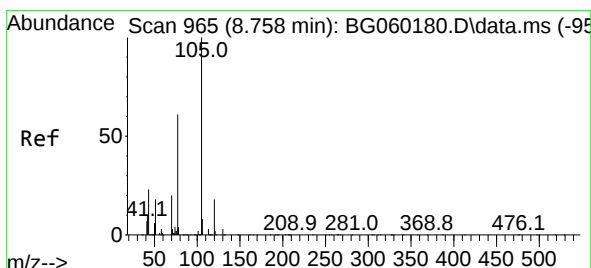
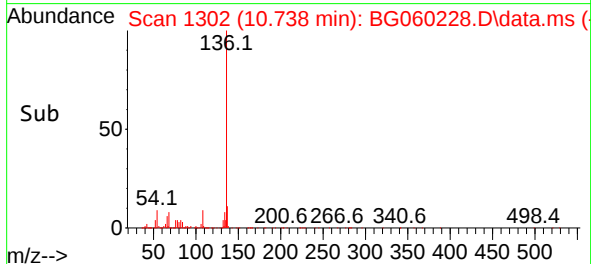
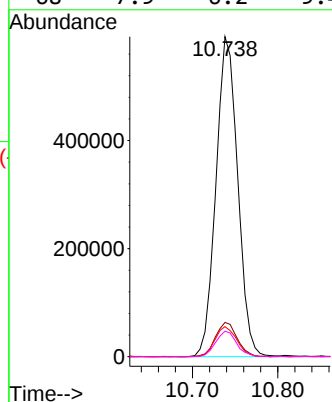
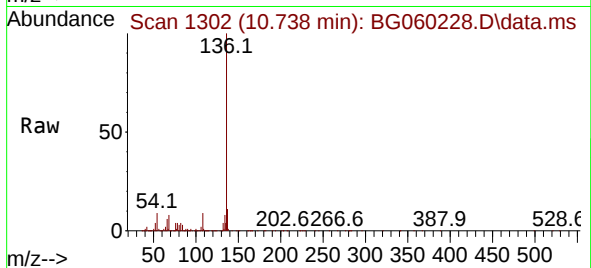




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

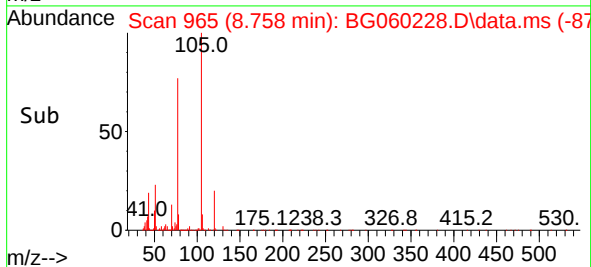
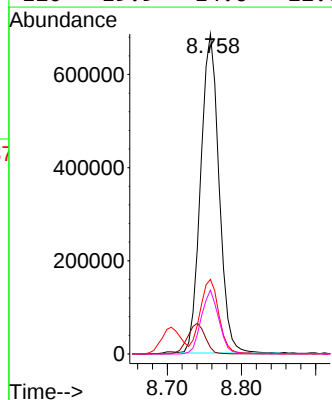
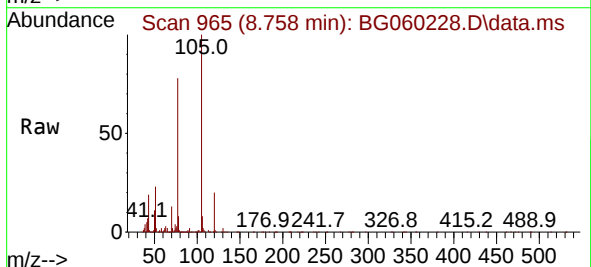
Instrument :
BNA_G
ClientSampleId :

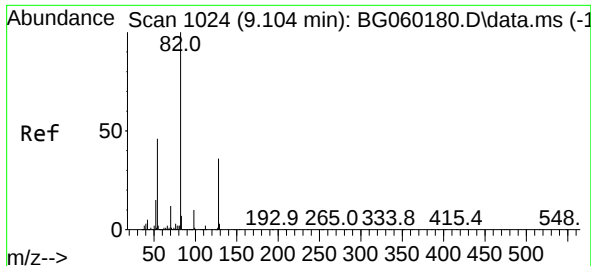
Tgt Ion:136 Resp: 1049329
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.0
54 9.4 7.4 11.2
68 7.9 6.2 9.4



#22
Acetophenone
Concen: 37.757 ng
RT: 8.758 min Scan# 965
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:105 Resp: 1173854
Ion Ratio Lower Upper
105 100
71 2.0 2.6 3.8#
51 23.3 20.0 30.0
120 19.9 14.6 22.0

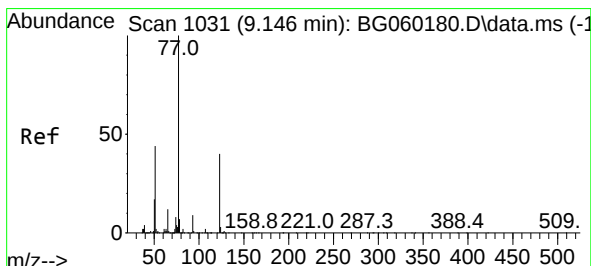
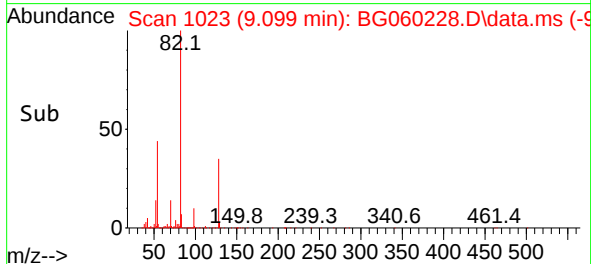
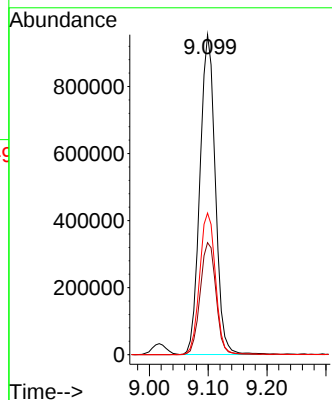
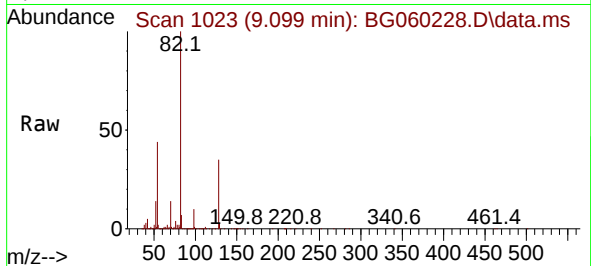




#23
Nitrobenzene-d5
Concen: 76.220 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

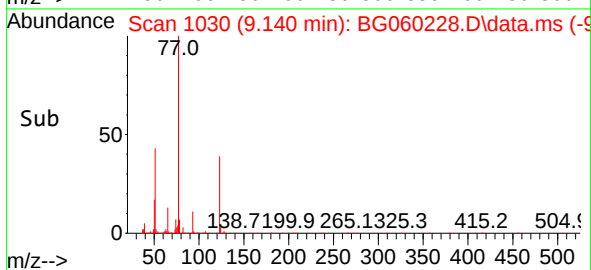
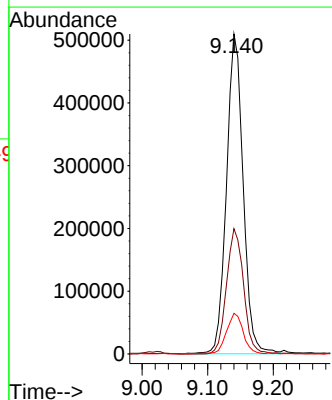
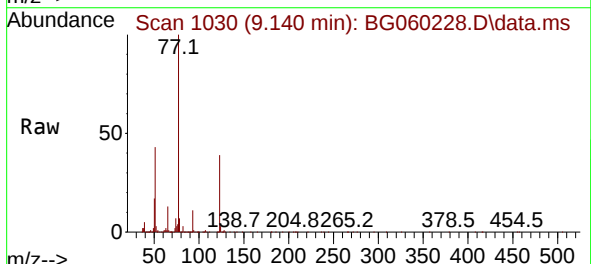
Instrument :
BNA_G
ClientSampleId :

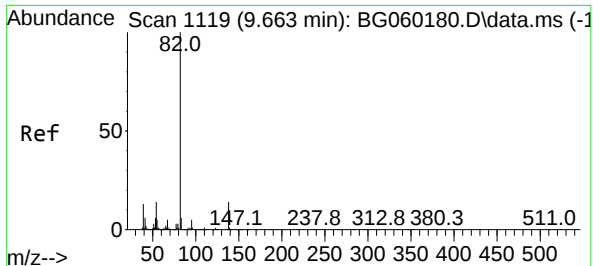
Tgt Ion: 82 Resp: 1731533
Ion Ratio Lower Upper
82 100
128 35.0 28.7 43.1
54 44.2 36.9 55.3



#24
Nitrobenzene
Concen: 38.597 ng
RT: 9.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

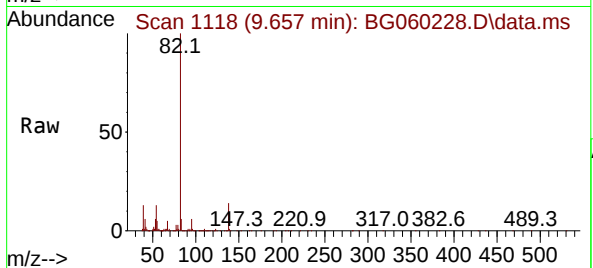
Tgt Ion: 77 Resp: 897136
Ion Ratio Lower Upper
77 100
123 39.2 31.9 47.9
65 12.7 9.9 14.9



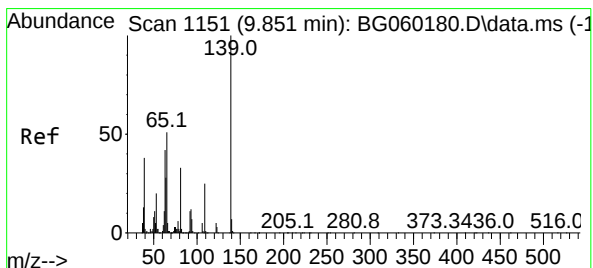
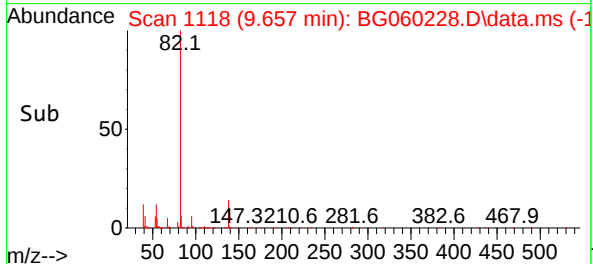
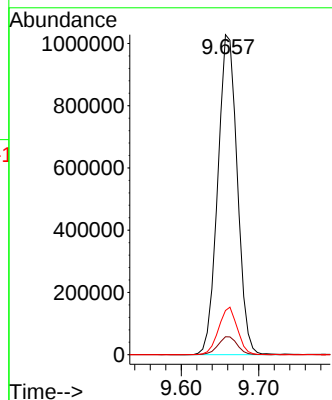


#25
Isophorone
Concen: 37.814 ng
RT: 9.657 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Instrument :
BNA_G
ClientSampleId :

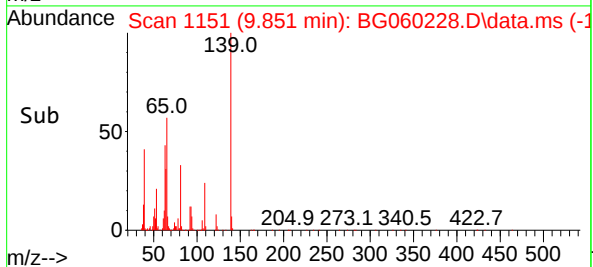
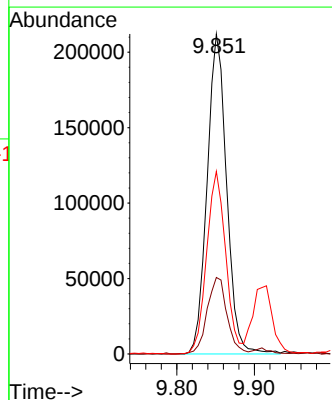
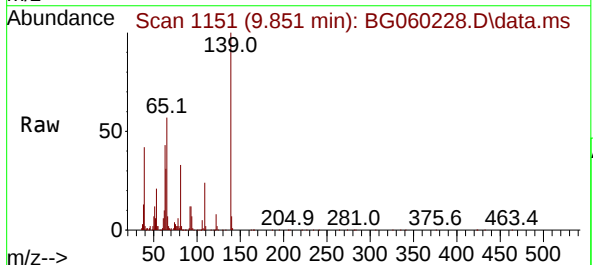


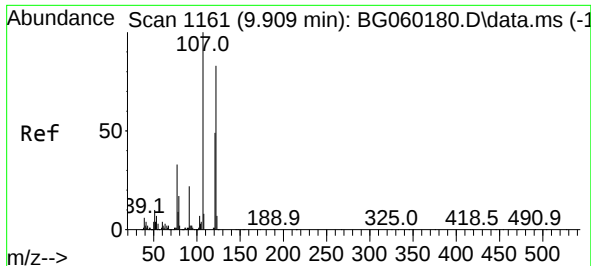
Tgt Ion: 82 Resp: 1797326
Ion Ratio Lower Upper
82 100
95 5.6 4.4 6.6
138 13.8 11.5 17.3



#26
2-Nitrophenol
Concen: 45.665 ng
RT: 9.851 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:139 Resp: 370384
Ion Ratio Lower Upper
139 100
109 23.9 19.8 29.8
65 57.0 40.8 61.2

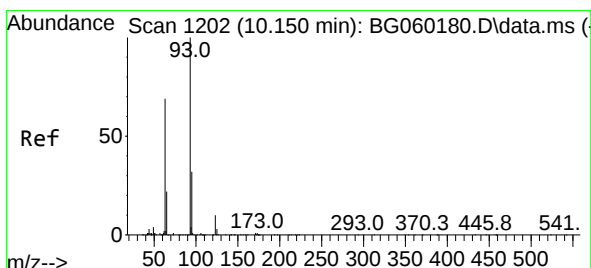
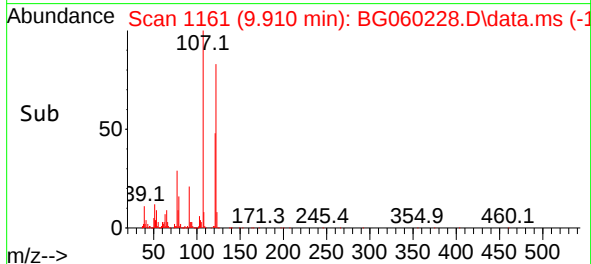
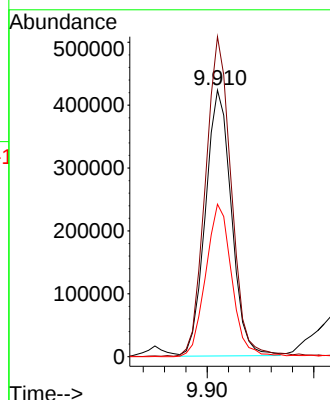
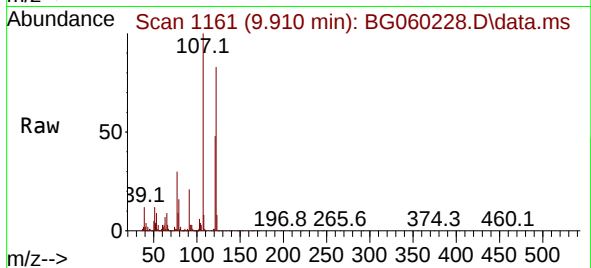




#27
2,4-Dimethylphenol
Concen: 62.486 ng
RT: 9.910 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

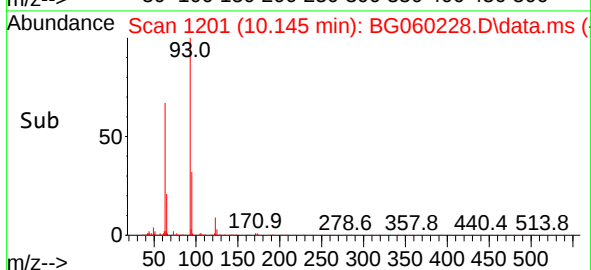
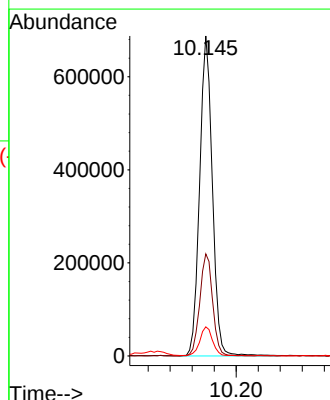
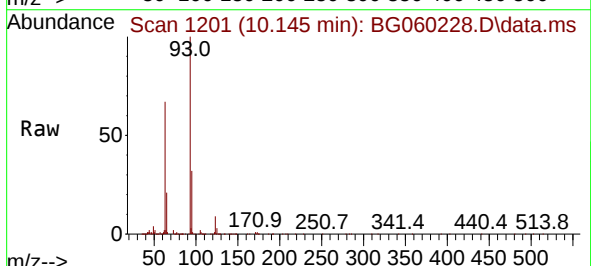
Instrument :
BNA_G
ClientSampleId :

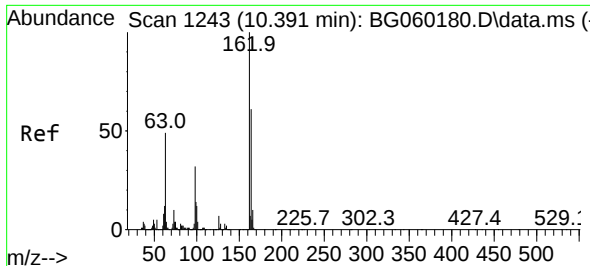
Tgt Ion:122 Resp: 717906
Ion Ratio Lower Upper
122 100
107 120.0 95.8 143.6
121 57.2 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.701 ng
RT: 10.145 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion: 93 Resp: 1105205
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.6
123 9.1 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 45.431 ng

RT: 10.386 min Scan# 1242

Delta R.T. -0.006 min

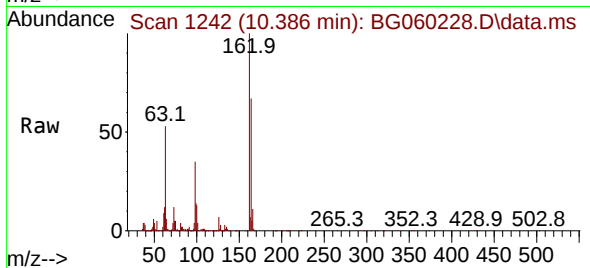
Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Instrument :

BNA_G

ClientSampleId :



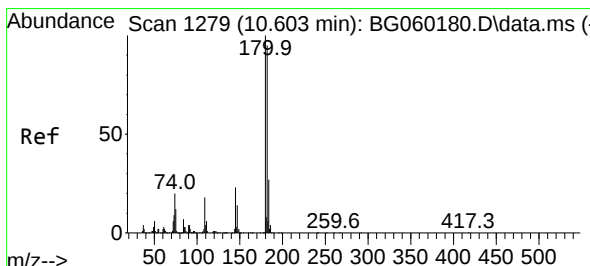
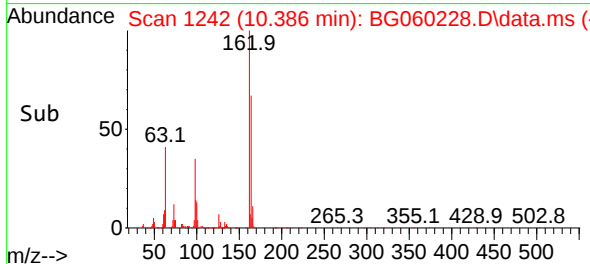
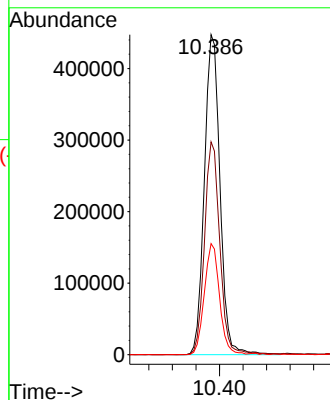
Tgt Ion:162 Resp: 824908

Ion Ratio Lower Upper

162 100

164 66.5 40.7 80.7

98 34.7 11.7 51.7



#30

1,2,4-Trichlorobenzene

Concen: 36.726 ng

RT: 10.603 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

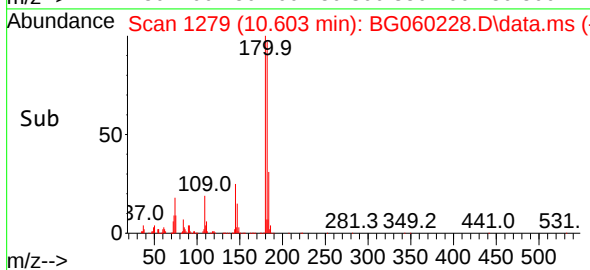
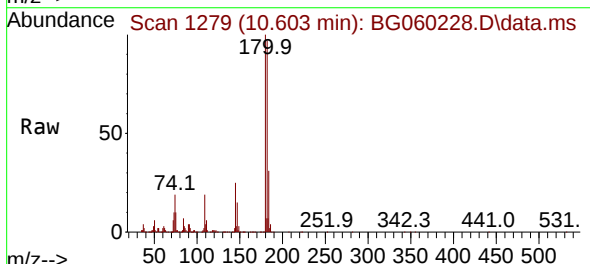
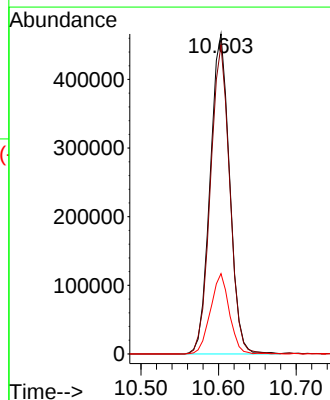
Tgt Ion:180 Resp: 811657

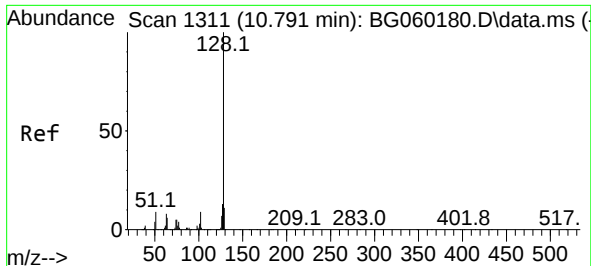
Ion Ratio Lower Upper

180 100

182 96.6 75.7 113.5

145 25.1 18.4 27.6

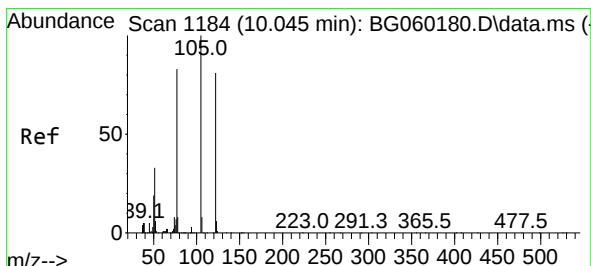
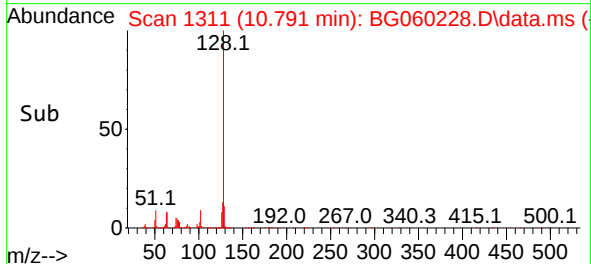
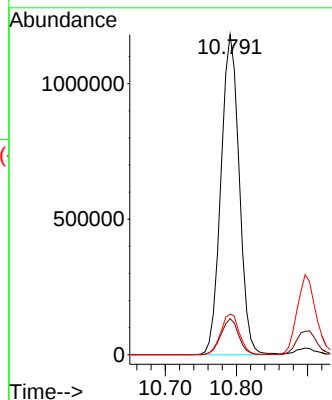
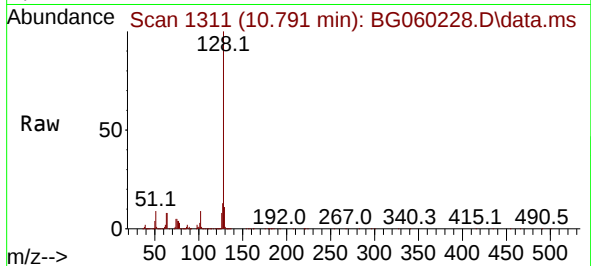




#31
Naphthalene
Concen: 37.889 ng
RT: 10.791 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

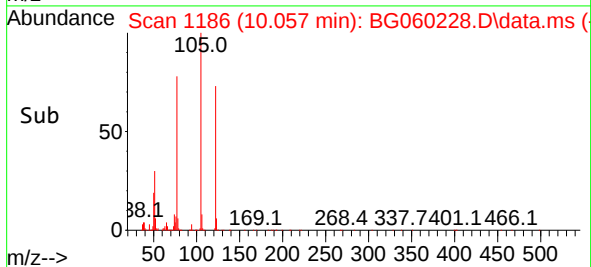
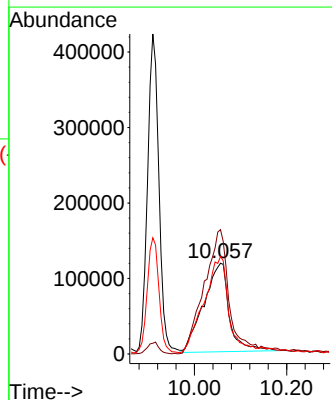
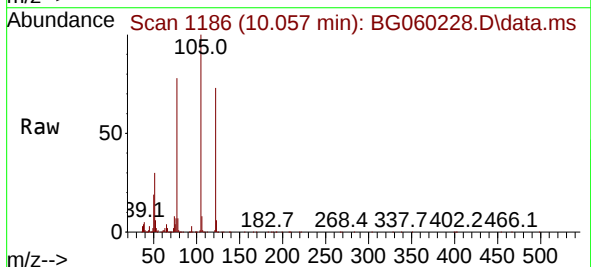
Instrument :
BNA_G
ClientSampleId :

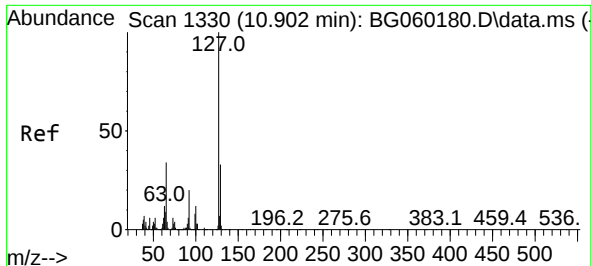
Tgt Ion:128 Resp: 2098991
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 12.7 10.6 16.0



#32
Benzoic acid
Concen: 44.935 ng
RT: 10.057 min Scan# 1186
Delta R.T. 0.012 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:122 Resp: 452792
Ion Ratio Lower Upper
122 100
105 137.0 99.2 139.2
77 107.3 81.0 121.0

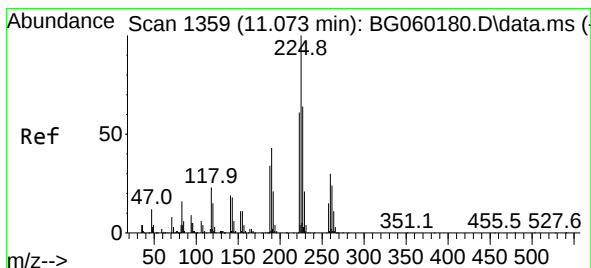
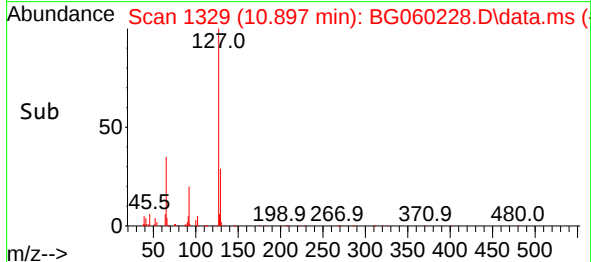
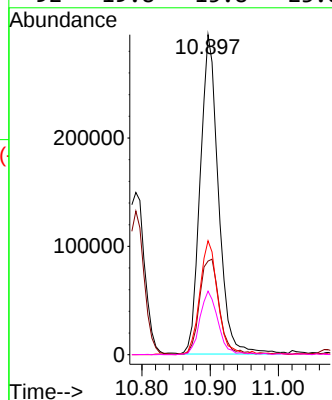
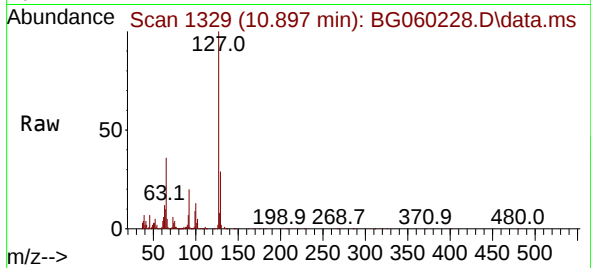




#33
4-Chloroaniline
Concen: 25.337 ng
RT: 10.897 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

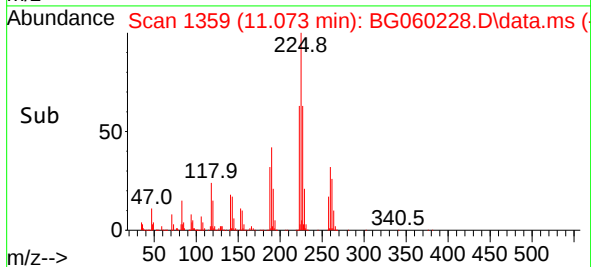
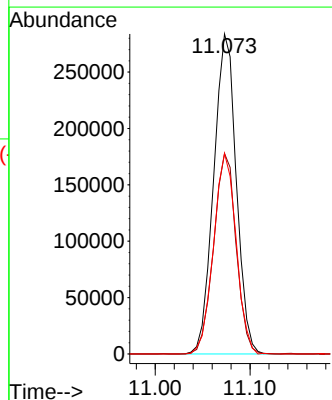
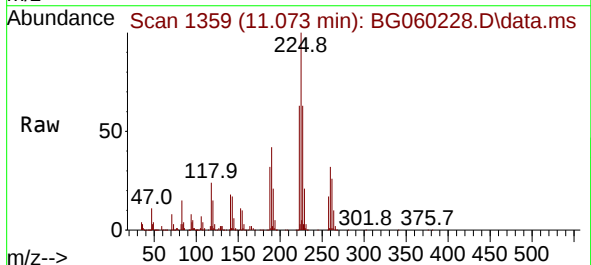
Instrument :
BNA_G
ClientSampleId :

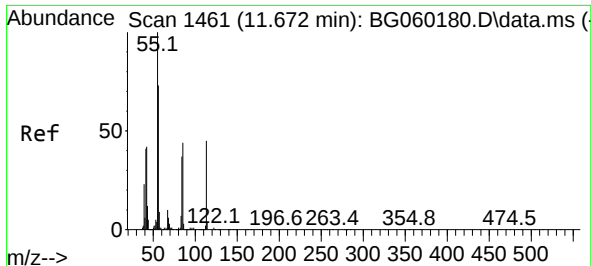
Tgt	Ion:127	Resp:	548174
Ion	Ratio	Lower	Upper
127	100		
129	29.3	26.0	39.0
65	35.6	27.4	41.0
92	19.8	15.8	23.8



#34
Hexachlorobutadiene
Concen: 35.733 ng
RT: 11.073 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt	Ion:225	Resp:	469671
Ion	Ratio	Lower	Upper
225	100		
223	59.8	49.0	73.6
227	59.9	51.0	76.4

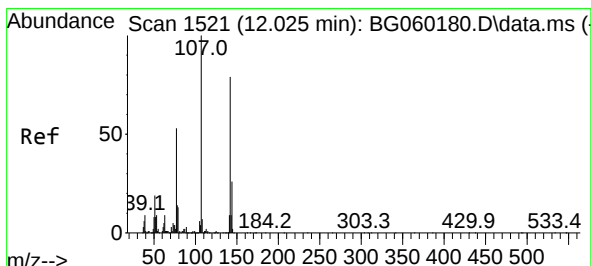
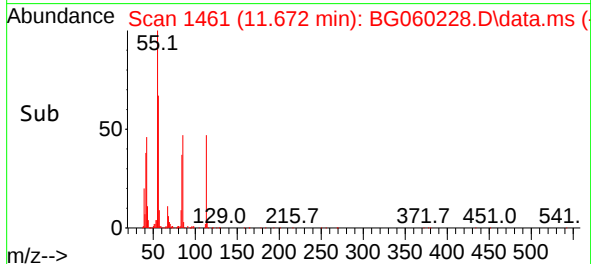
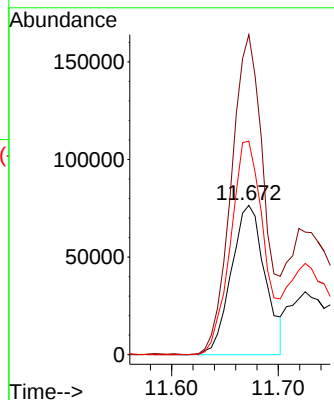
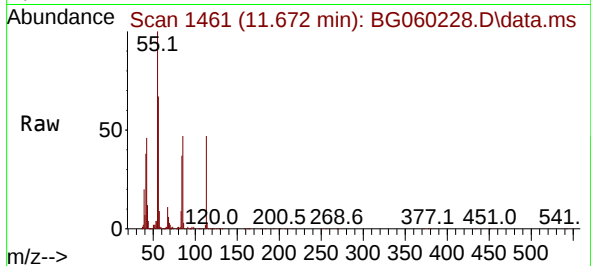




#35
Caprolactam
Concen: 27.928 ng
RT: 11.672 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

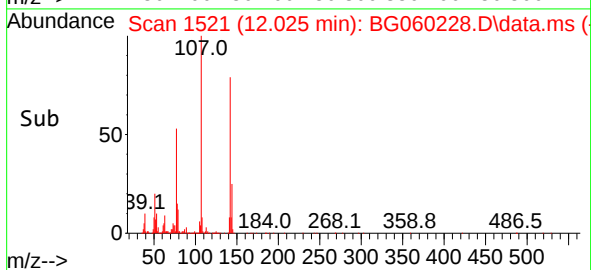
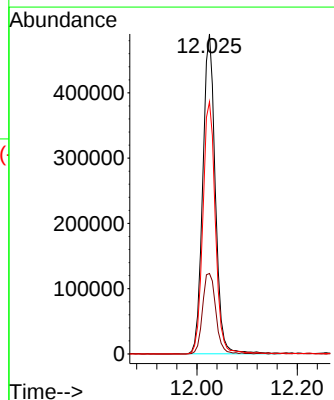
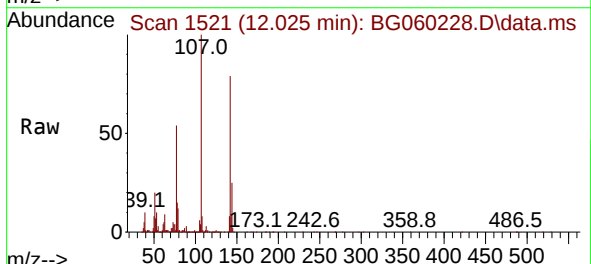
Instrument :
BNA_G
ClientSampleId :

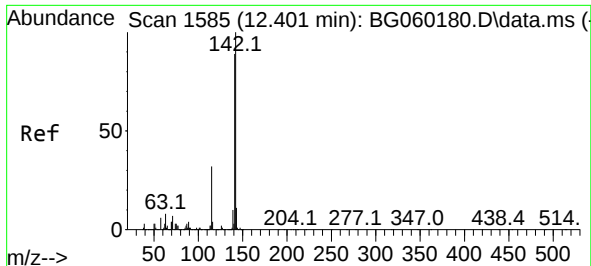
Tgt Ion:113 Resp: 168688
Ion Ratio Lower Upper
113 100
55 214.2 202.1 242.1
56 143.0 142.4 182.4



#36
4-Chloro-3-methylphenol
Concen: 45.420 ng
RT: 12.025 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:107 Resp: 848749
Ion Ratio Lower Upper
107 100
144 25.2 20.8 31.2
142 78.8 63.4 95.2

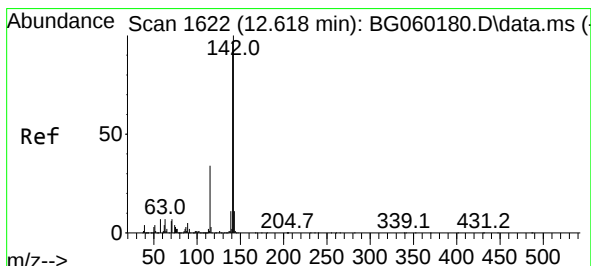
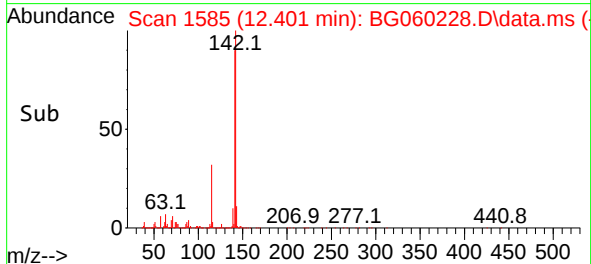
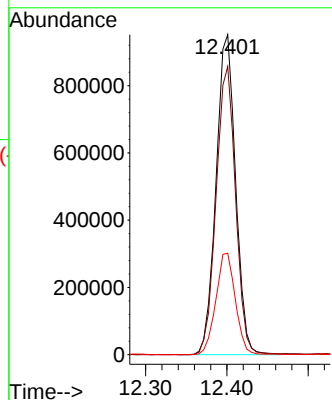
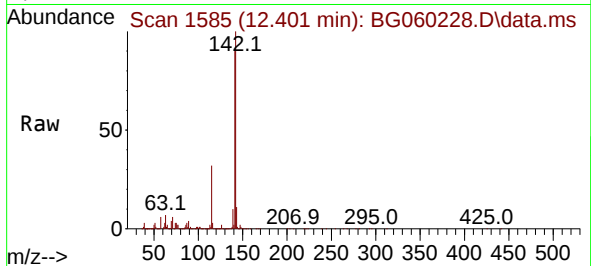




#37
2-Methylnaphthalene
Concen: 39.732 ng
RT: 12.401 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

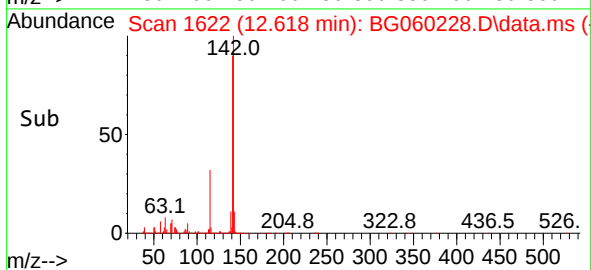
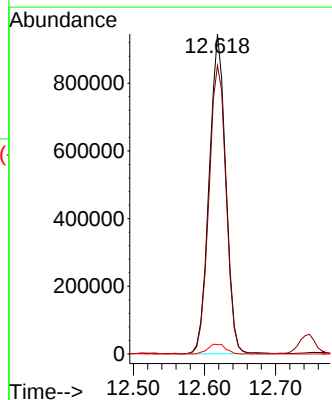
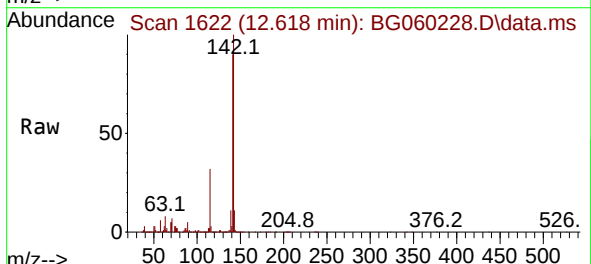
Instrument :
BNA_G
ClientSampleId :

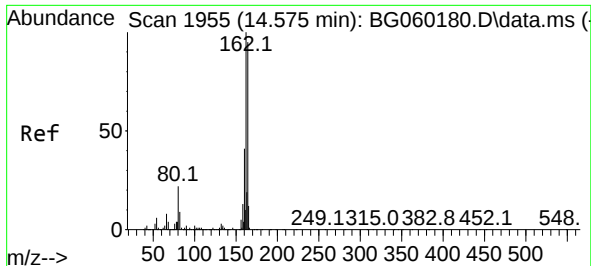
Tgt Ion:142 Resp: 1589829
Ion Ratio Lower Upper
142 100
141 90.1 71.1 106.7
115 31.7 25.5 38.3



#38
1-Methylnaphthalene
Concen: 37.784 ng
RT: 12.618 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:142 Resp: 1528616
Ion Ratio Lower Upper
142 100
141 90.2 76.6 114.8
116 2.9 2.6 3.8

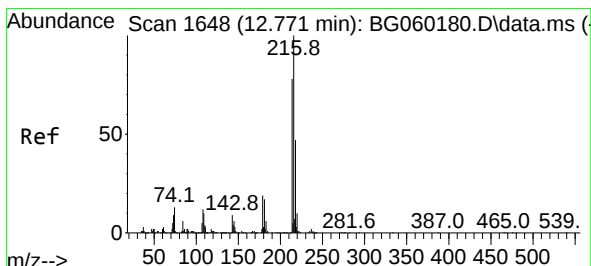
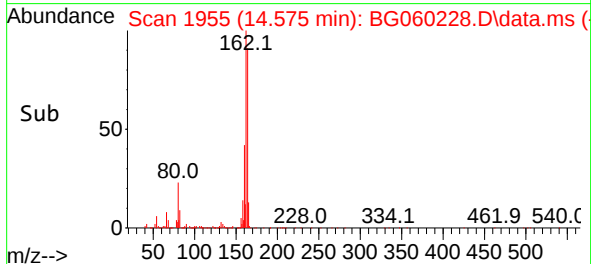
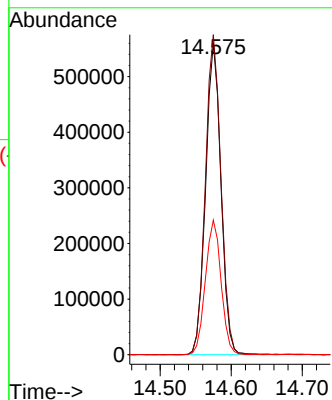
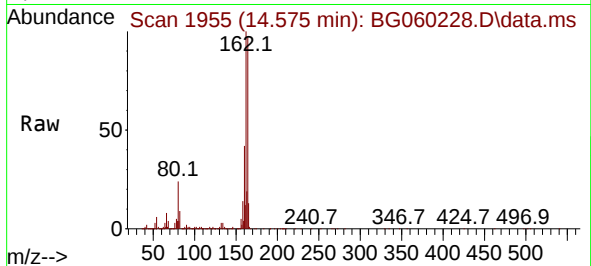




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

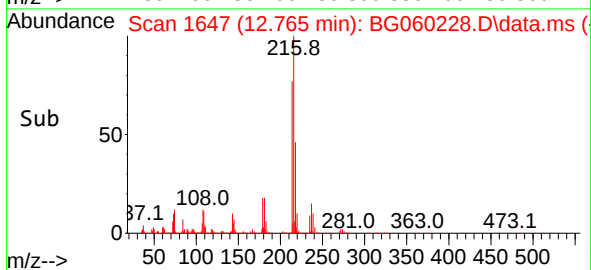
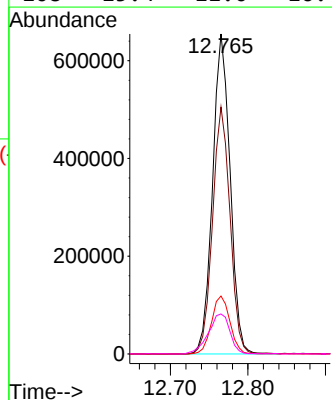
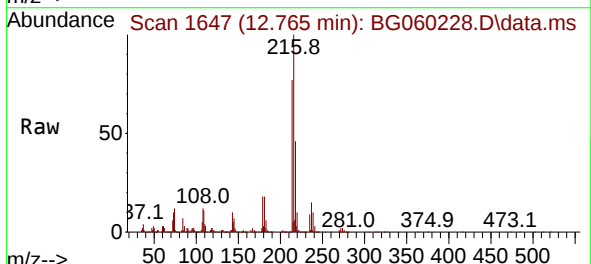
Instrument :
BNA_G
ClientSampleId :

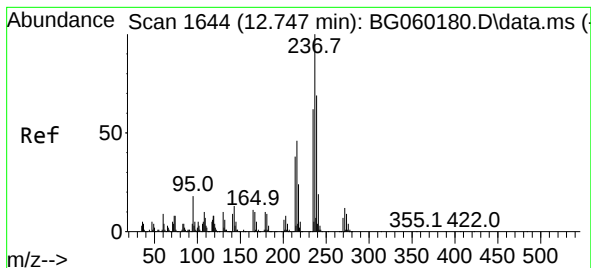
Tgt Ion:164 Resp: 841471
Ion Ratio Lower Upper
164 100
162 102.7 83.9 125.9
160 43.2 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.082 ng
RT: 12.765 min Scan# 1647
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:216 Resp: 1026455
Ion Ratio Lower Upper
216 100
214 77.0 63.4 95.0
179 19.1 15.2 22.8
108 15.4 11.0 16.4

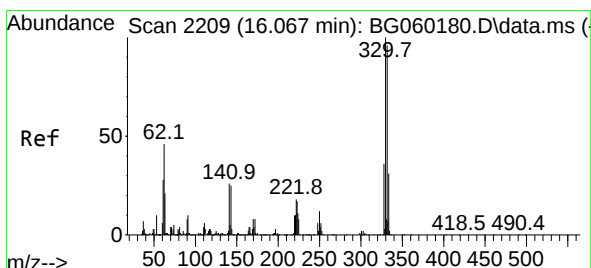
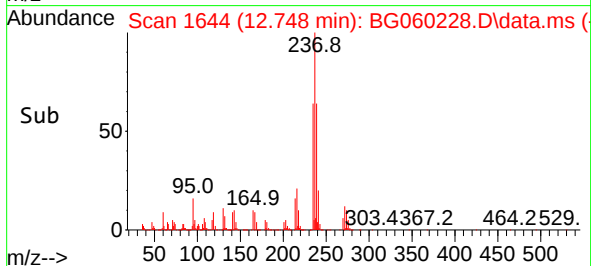
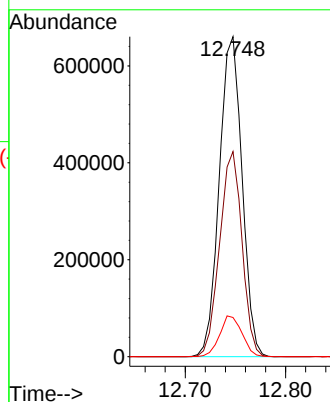
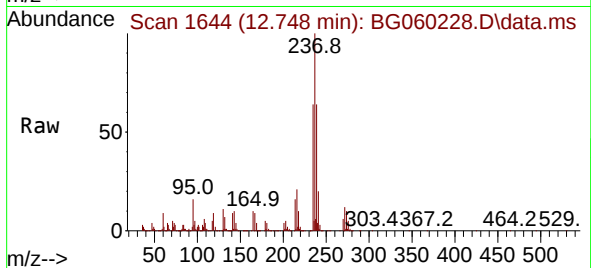




#41
Hexachlorocyclopentadiene
Concen: 119.289 ng
RT: 12.748 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

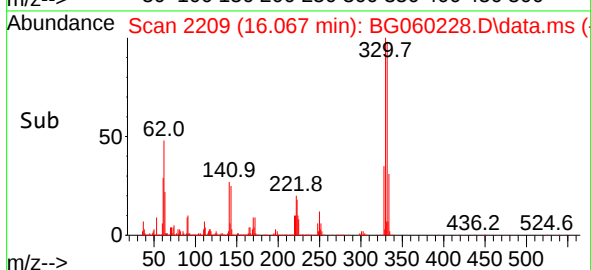
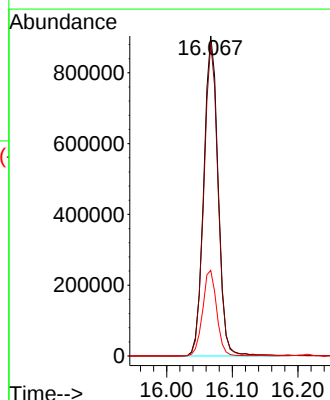
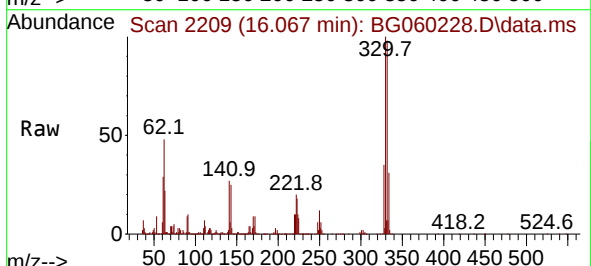
Instrument :
BNA_G
ClientSampleId :

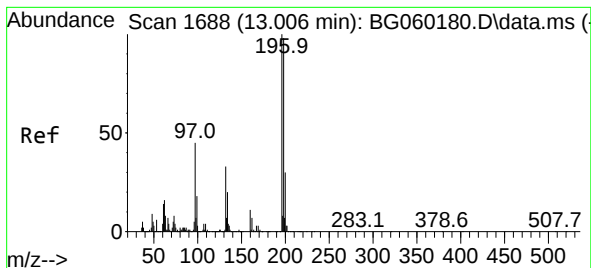
Tgt Ion:237 Resp: 1039278
Ion Ratio Lower Upper
237 100
235 64.1 42.2 82.2
272 12.3 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 122.297 ng
RT: 16.067 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:330 Resp: 1377551
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 26.3 21.0 31.4





#43

2,4,6-Trichlorophenol

Concen: 42.778 ng

RT: 13.006 min Scan# 1

Delta R.T. 0.000 min

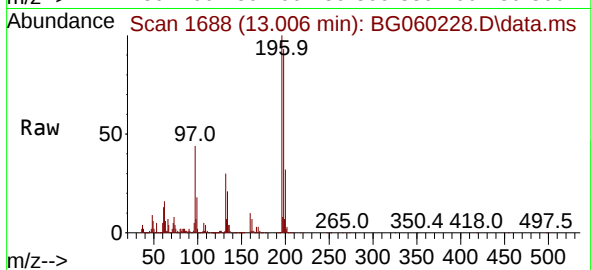
Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Instrument :

BNA_G

ClientSampleId :



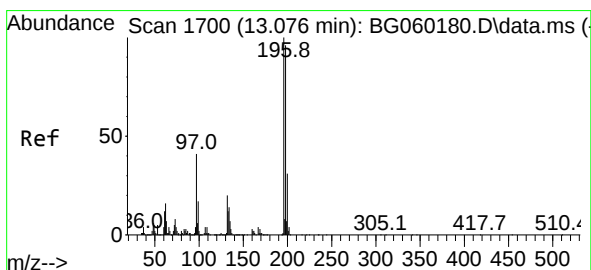
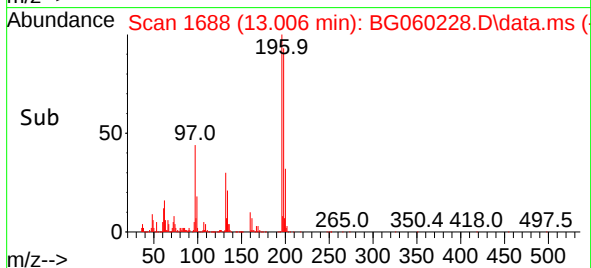
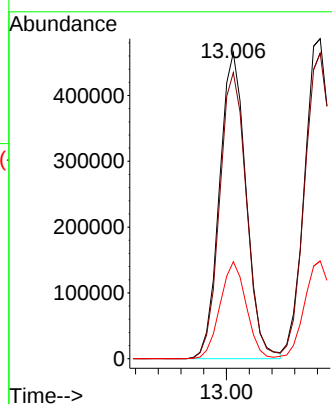
Tgt Ion:196 Resp: 757714

Ion Ratio Lower Upper

196 100

198 93.5 78.3 117.5

200 31.7 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 41.975 ng

RT: 13.082 min Scan# 1701

Delta R.T. 0.006 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Tgt Ion:196 Resp: 831719

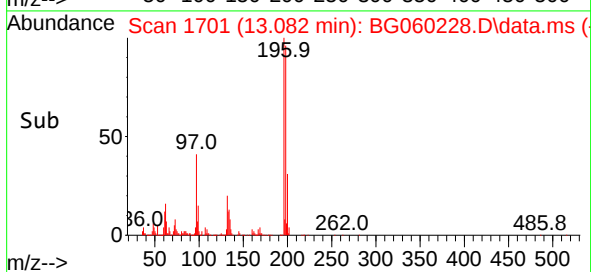
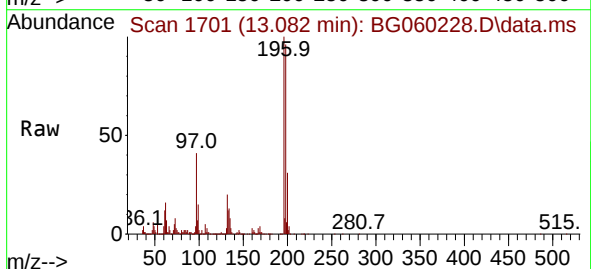
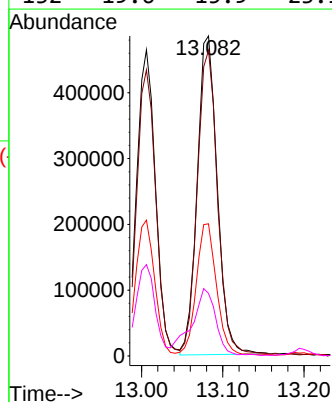
Ion Ratio Lower Upper

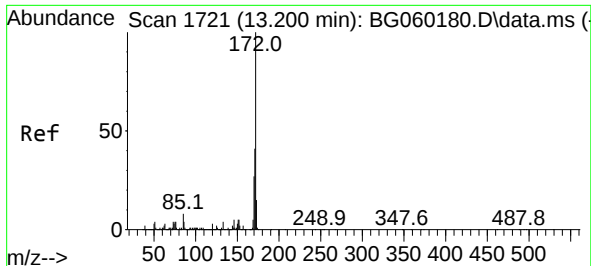
196 100

198 95.5 76.6 115.0

97 41.3 32.9 49.3

132 19.6 15.9 23.9

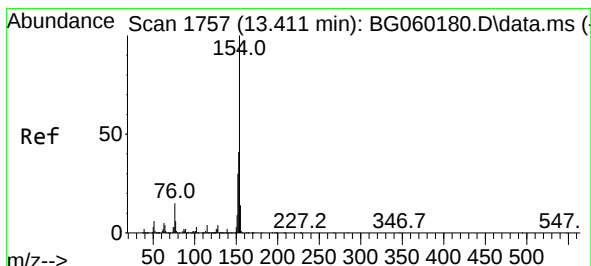
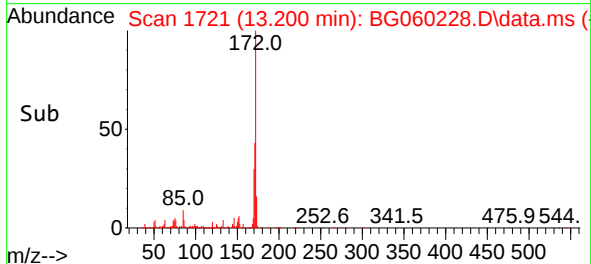
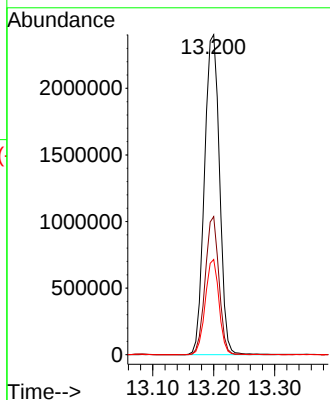
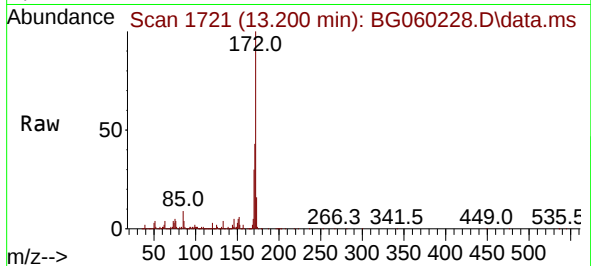




#45
2-Fluorobiphenyl
Concen: 70.356 ng
RT: 13.200 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

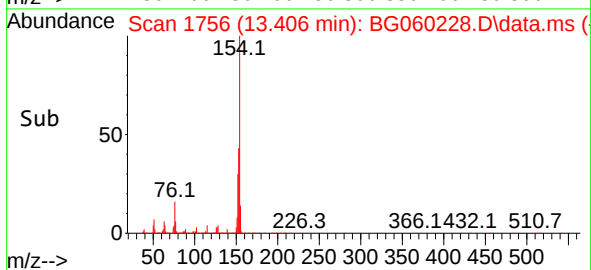
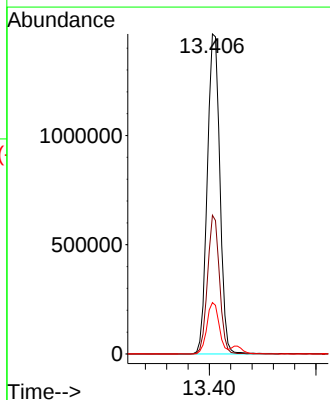
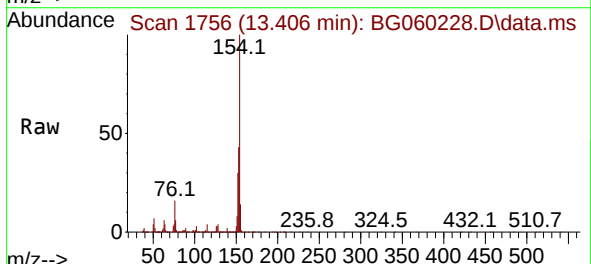
Instrument :
BNA_G
ClientSampleId :

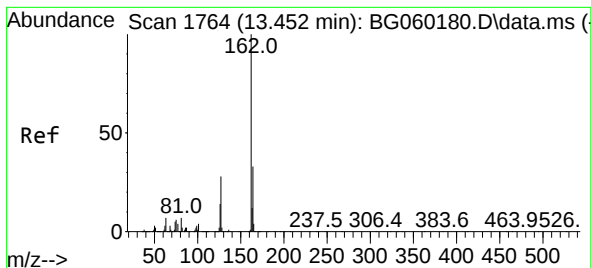
Tgt Ion:172 Resp: 4119211
Ion Ratio Lower Upper
172 100
171 43.2 32.6 48.8
170 29.8 21.8 32.6



#46
1,1'-Biphenyl
Concen: 38.635 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:154 Resp: 2391882
Ion Ratio Lower Upper
154 100
153 43.4 20.9 60.9
76 16.0 0.0 35.4

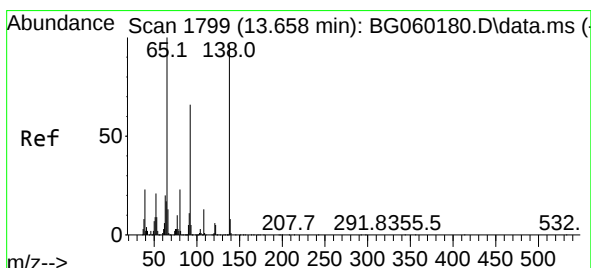
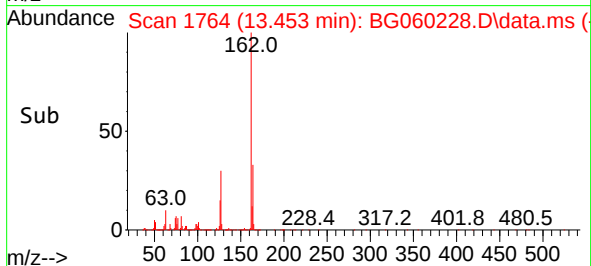
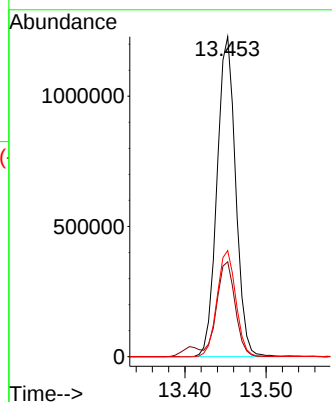
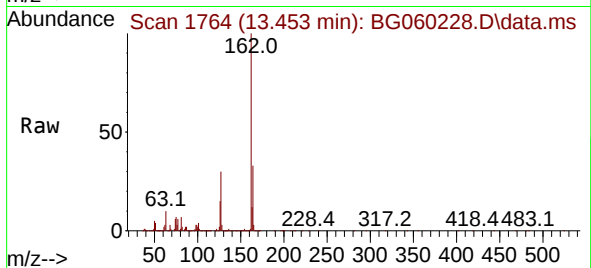




#47
2-Chloronaphthalene
Concen: 37.206 ng
RT: 13.453 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

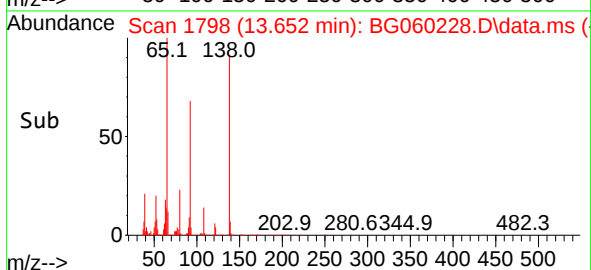
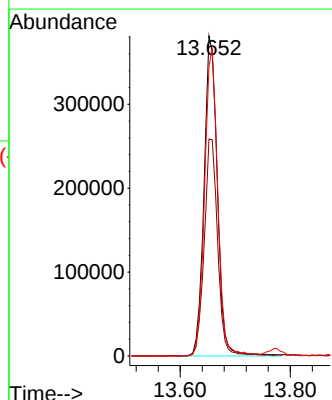
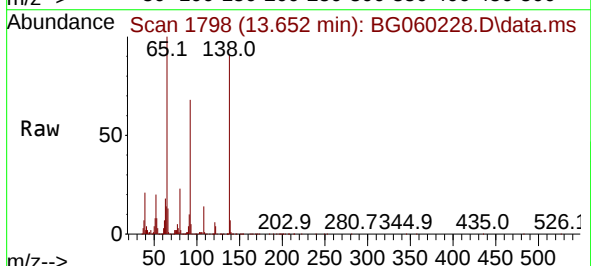
Instrument :
BNA_G
ClientSampleId :

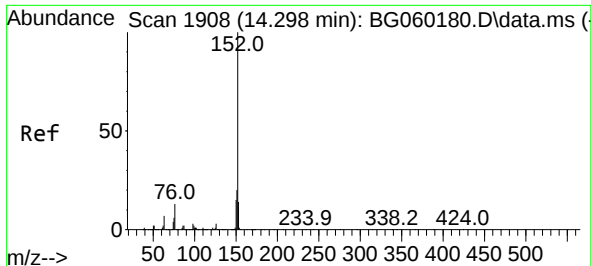
Tgt Ion:162 Resp: 1962450
Ion Ratio Lower Upper
162 100
127 29.7 23.0 34.6
164 33.1 26.7 40.1



#48
2-Nitroaniline
Concen: 46.270 ng
RT: 13.652 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion: 65 Resp: 637803
Ion Ratio Lower Upper
65 100
92 67.8 52.9 79.3
138 90.6 76.4 114.6

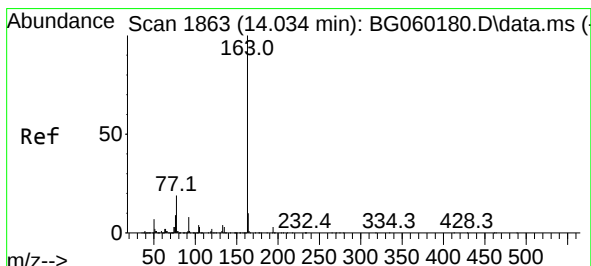
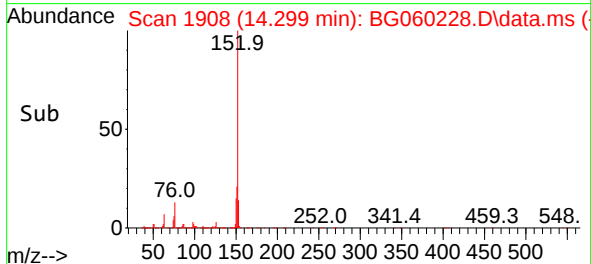
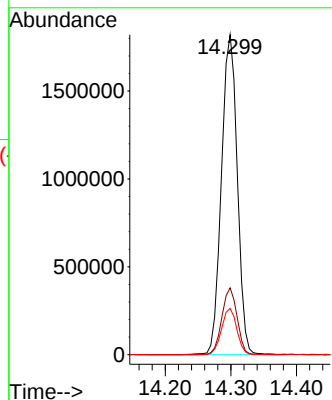
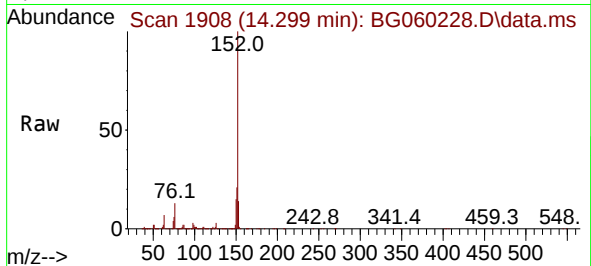




#49
Acenaphthylene
Concen: 40.081 ng
RT: 14.299 min Scan# 1908
Delta R.T. 0.001 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

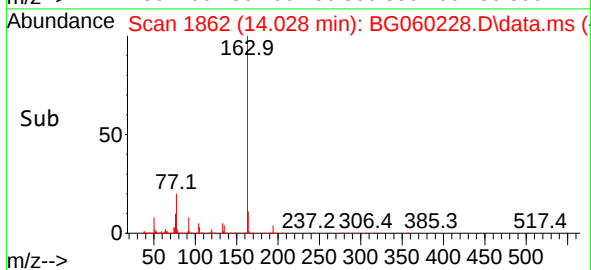
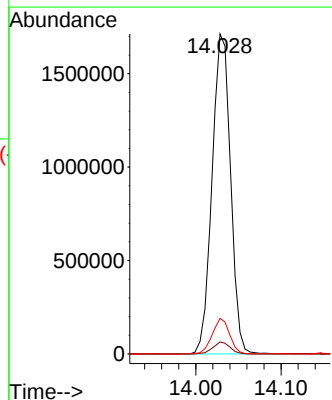
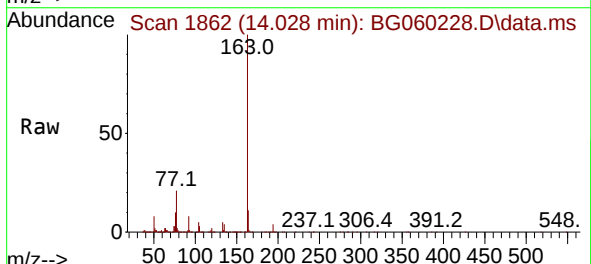
Instrument :
BNA_G
ClientSampleId :

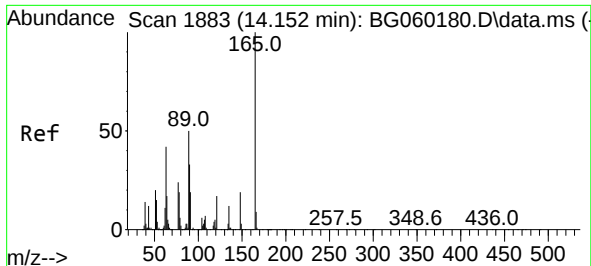
Tgt Ion:152 Resp: 3046081
Ion Ratio Lower Upper
152 100
151 20.9 15.8 23.6
153 14.5 11.0 16.6



#50
Dimethylphthalate
Concen: 39.668 ng
RT: 14.028 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:163 Resp: 2577121
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 11.1 8.3 12.5

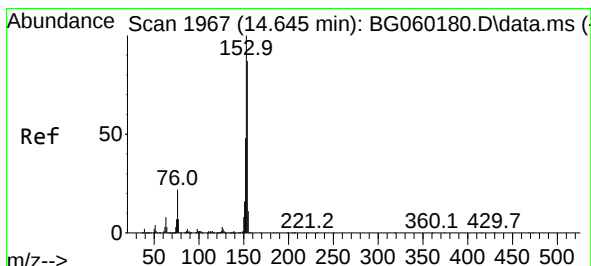
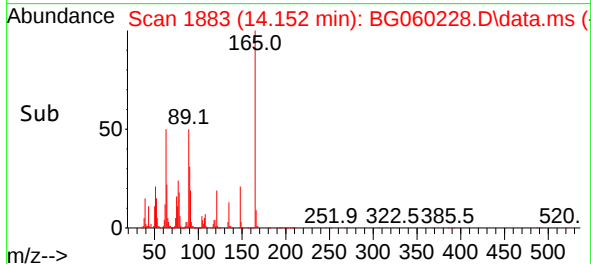
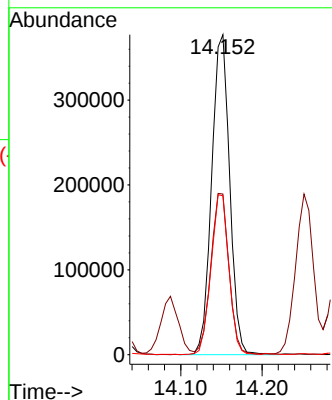
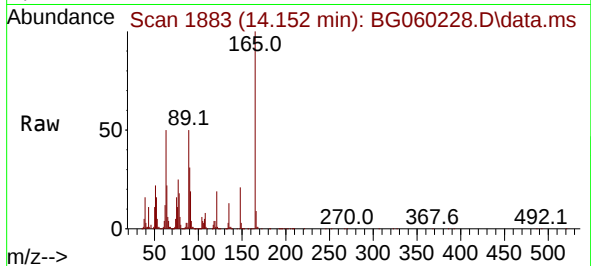




#51
2,6-Dinitrotoluene
Concen: 42.951 ng
RT: 14.152 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

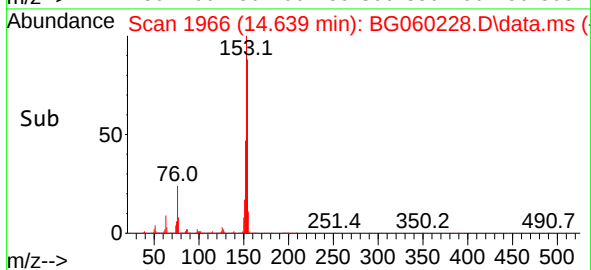
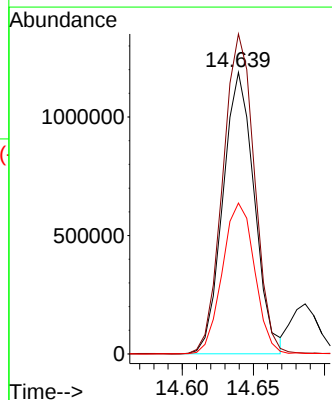
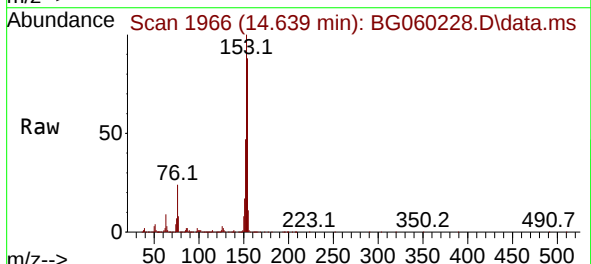
Instrument :
BNA_G
ClientSampleId :

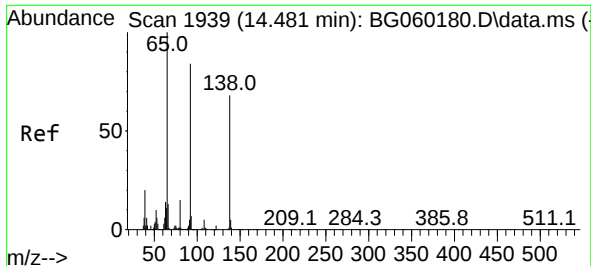
Tgt Ion:165 Resp: 580398
Ion Ratio Lower Upper
165 100
63 50.2 39.3 58.9
89 49.7 39.8 59.8



#52
Acenaphthene
Concen: 38.558 ng
RT: 14.639 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:154 Resp: 1828579
Ion Ratio Lower Upper
154 100
153 113.6 91.5 137.3
152 53.6 43.8 65.8

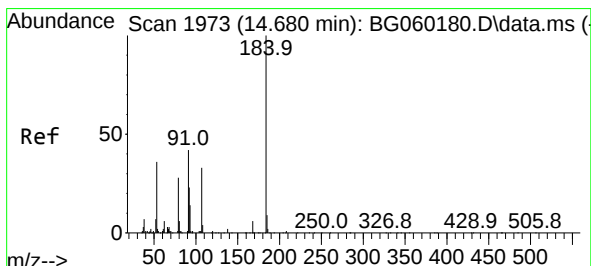
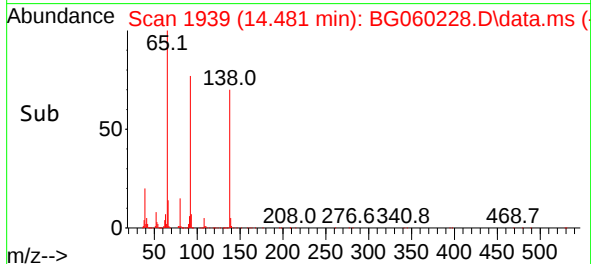
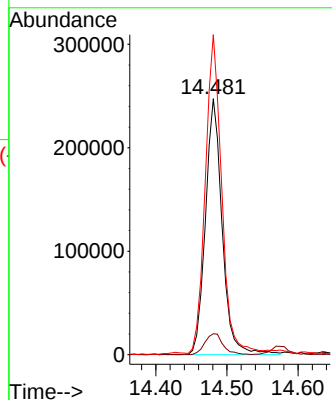
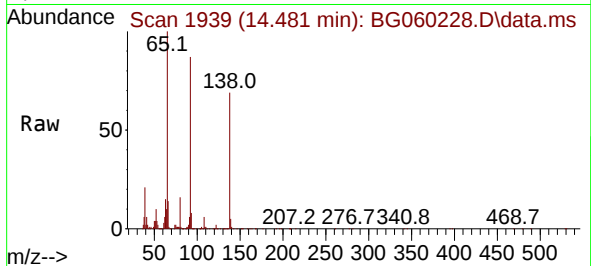




#53
3-Nitroaniline
Concen: 31.841 ng
RT: 14.481 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

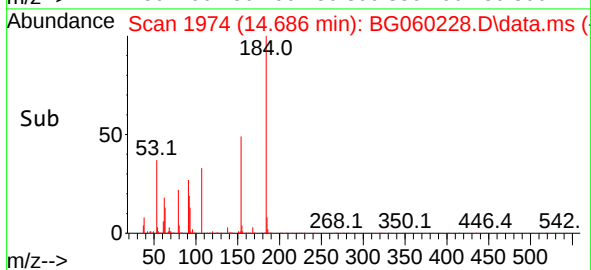
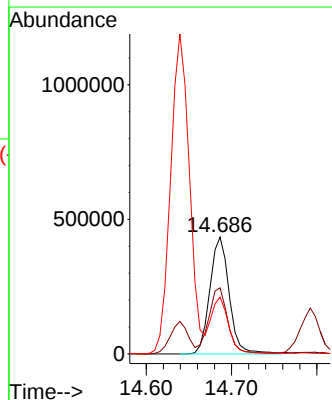
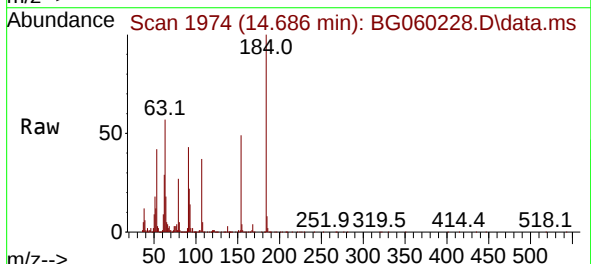
Instrument :
BNA_G
ClientSampleId :

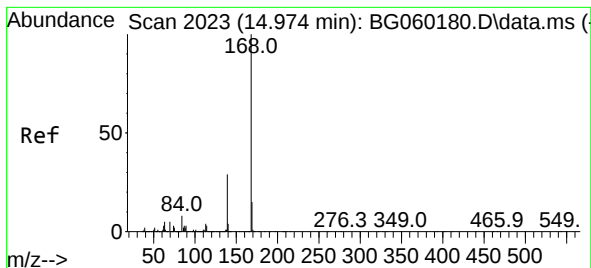
Tgt Ion:138 Resp: 405433
Ion Ratio Lower Upper
138 100
108 8.2 6.2 9.4
92 125.0 98.5 147.7



#54
2,4-Dinitrophenol
Concen: 86.251 ng
RT: 14.686 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:184 Resp: 684374
Ion Ratio Lower Upper
184 100
63 56.6 45.4 68.2
154 48.7 40.0 60.0





#55

Dibenzofuran

Concen: 38.544 ng

RT: 14.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Instrument :

BNA_G

ClientSampleId :

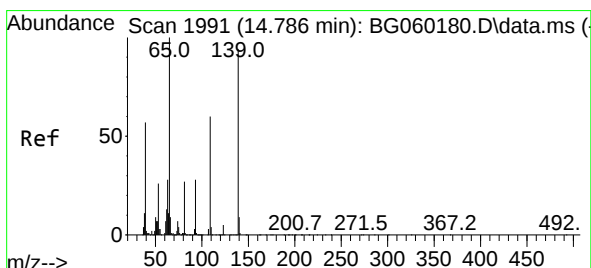
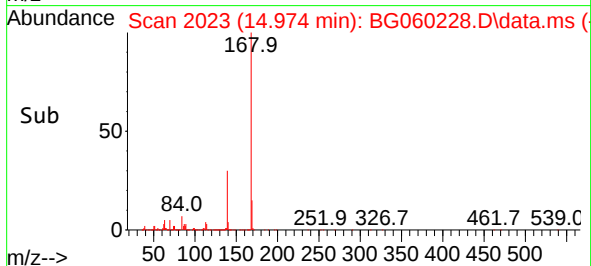
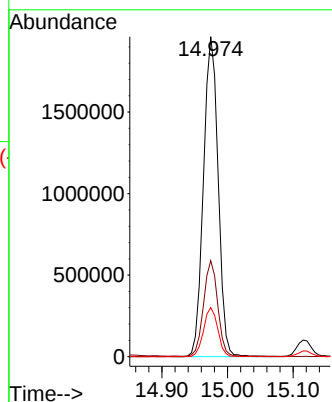
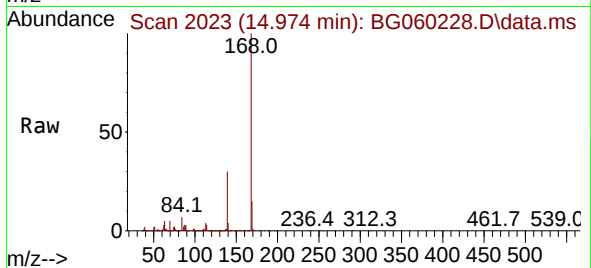
Tgt Ion:168 Resp: 3061886

Ion Ratio Lower Upper

168 100

139 30.0 23.1 34.7

169 15.3 11.9 17.9



#56

4-Nitrophenol

Concen: 93.501 ng

RT: 14.792 min Scan# 1992

Delta R.T. 0.006 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

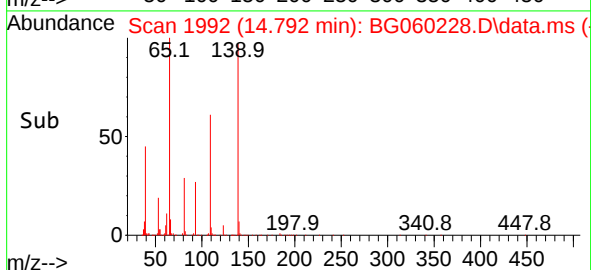
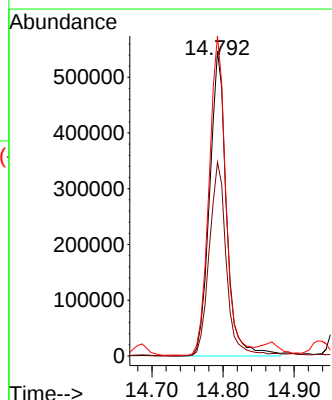
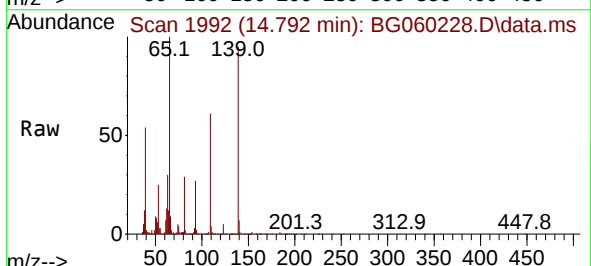
Tgt Ion:139 Resp: 899921

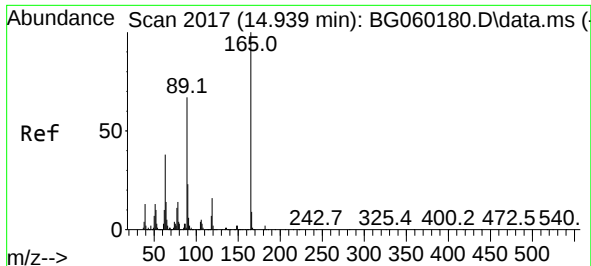
Ion Ratio Lower Upper

139 100

109 63.6 44.4 84.4

65 105.0 87.4 127.4

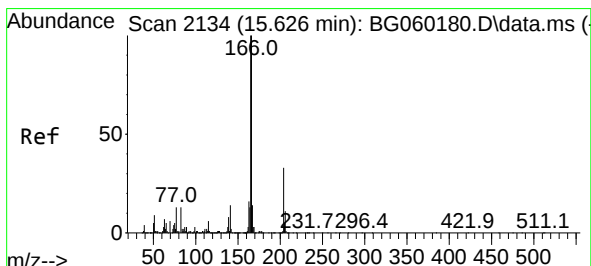
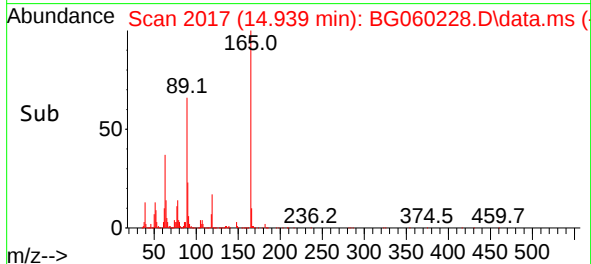
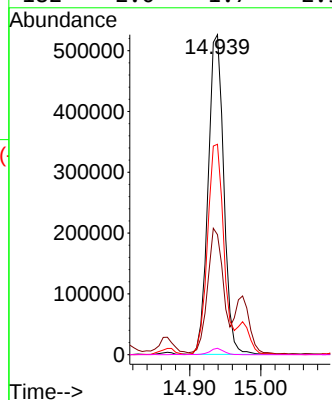
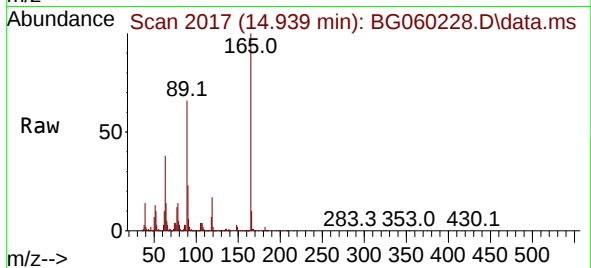




#57
2,4-Dinitrotoluene
Concen: 43.762 ng
RT: 14.939 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

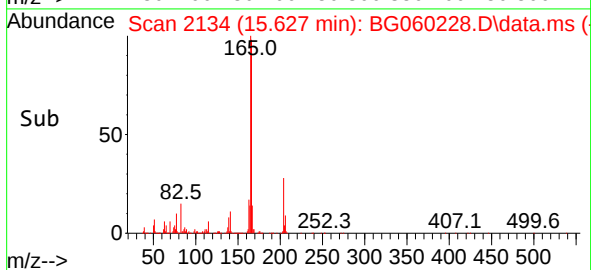
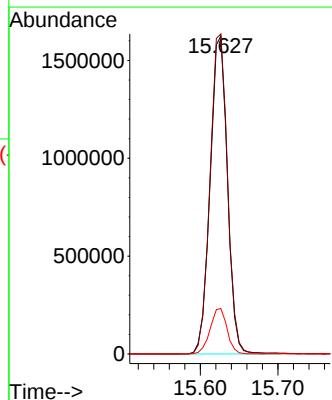
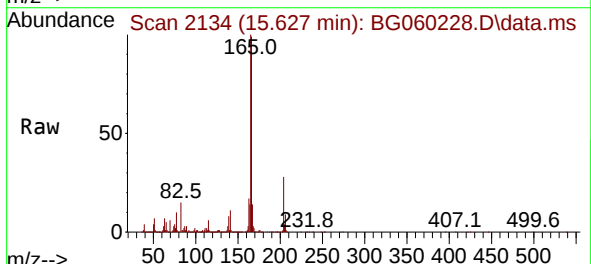
Instrument :
BNA_G
ClientSampleId :

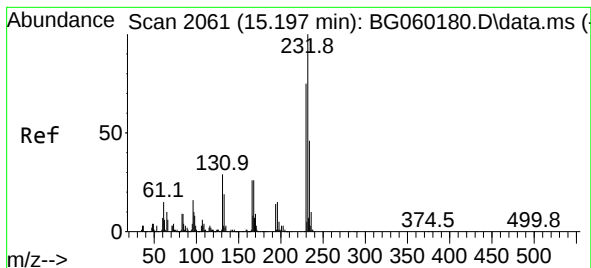
Tgt Ion:165 Resp: 804111
Ion Ratio Lower Upper
165 100
63 37.5 31.0 46.6
89 65.8 53.3 79.9
182 2.0 1.7 2.5



#58
Fluorene
Concen: 38.618 ng
RT: 15.627 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:166 Resp: 2516124
Ion Ratio Lower Upper
166 100
165 100.7 80.4 120.6
167 14.3 11.3 16.9

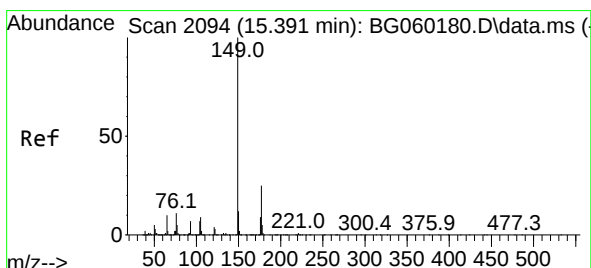
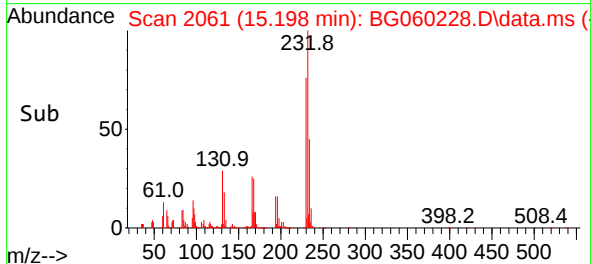
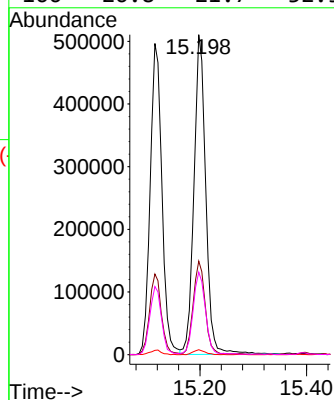
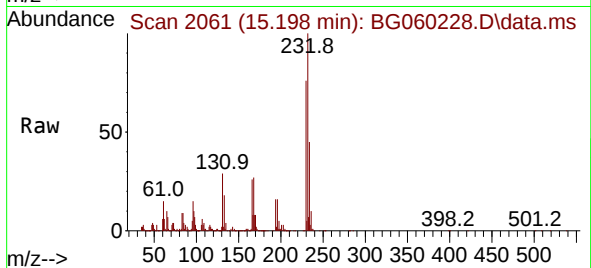




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.468 ng
RT: 15.198 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

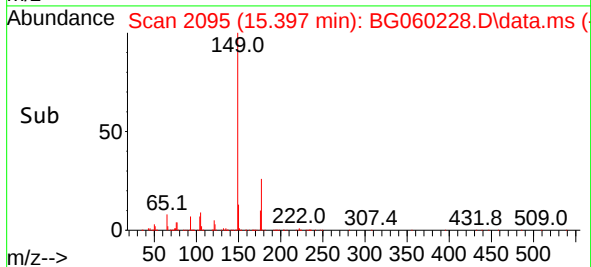
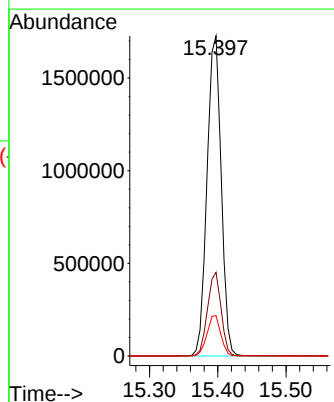
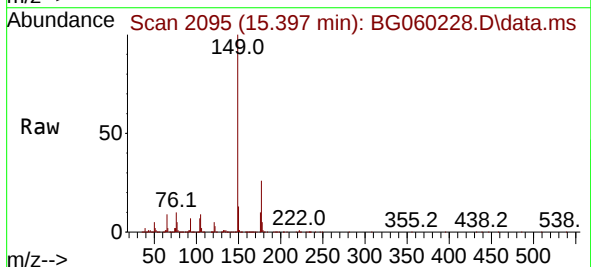
Instrument :
BNA_G
ClientSampleId :

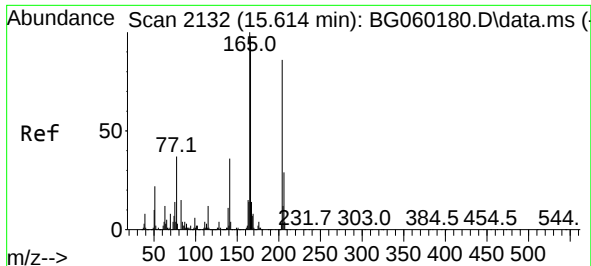
Tgt Ion:232 Resp: 785266
Ion Ratio Lower Upper
232 100
131 29.1 23.8 35.6
130 1.5 1.2 1.8
166 26.8 21.7 32.5



#60
Diethylphthalate
Concen: 40.291 ng
RT: 15.397 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:149 Resp: 2496268
Ion Ratio Lower Upper
149 100
177 26.2 20.2 30.2
150 12.6 9.6 14.4

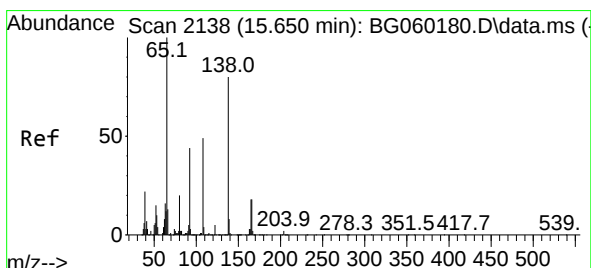
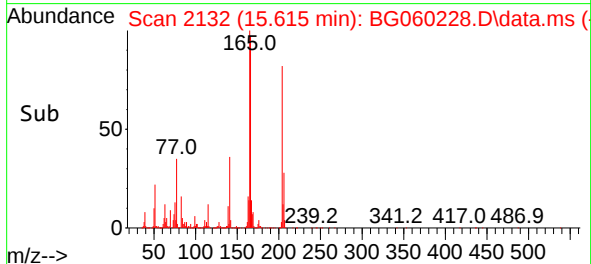
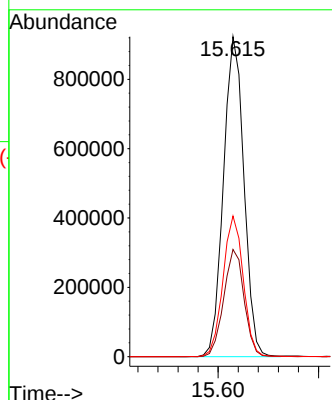
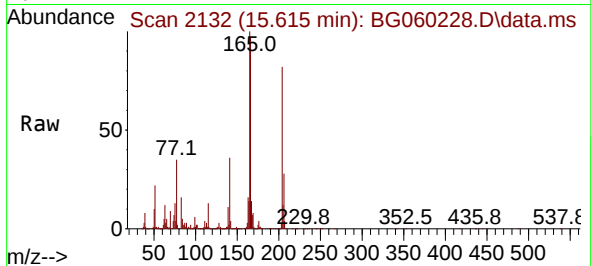




#61
4-Chlorophenyl-phenylether
Concen: 38.454 ng
RT: 15.615 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

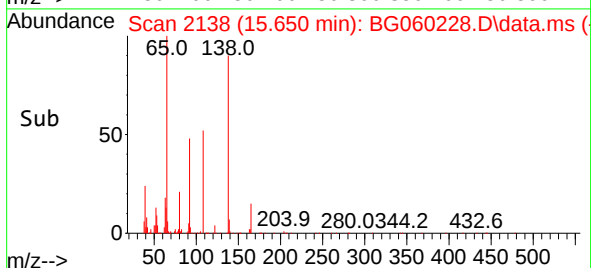
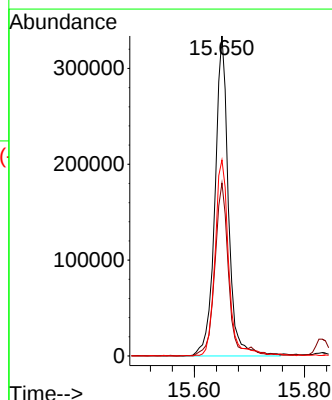
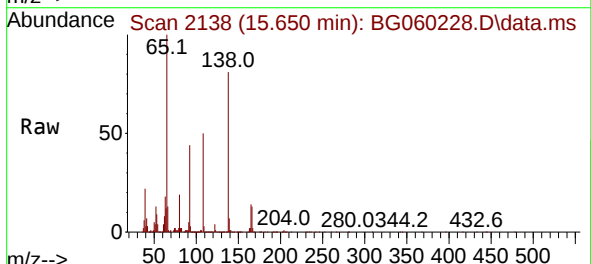
Instrument :
BNA_G
ClientSampleId :

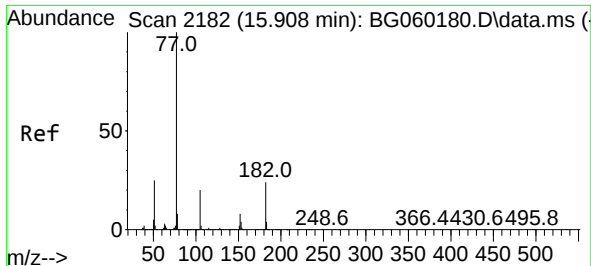
Tgt Ion:204 Resp: 1304563
Ion Ratio Lower Upper
204 100
206 33.5 26.9 40.3
141 44.0 33.2 49.8



#62
4-Nitroaniline
Concen: 42.453 ng
RT: 15.650 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:138 Resp: 569721
Ion Ratio Lower Upper
138 100
92 54.0 35.1 75.1
108 61.3 40.9 80.9

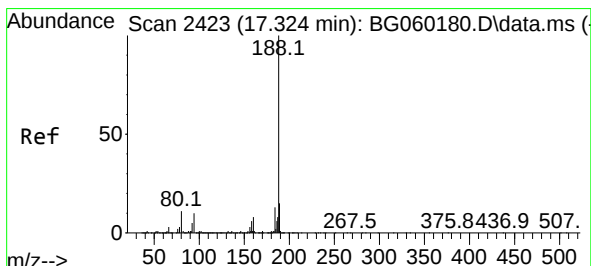
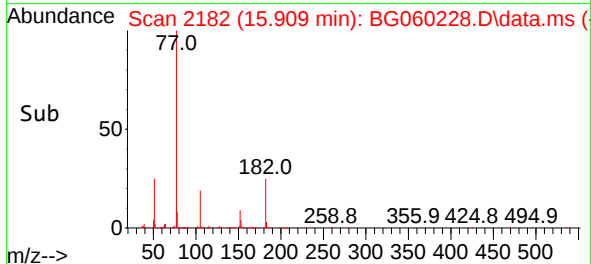
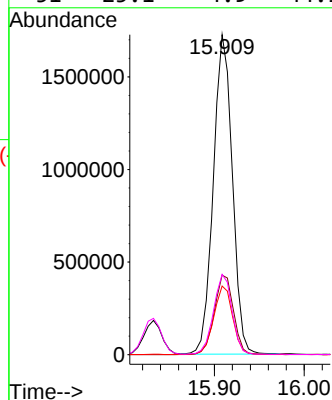
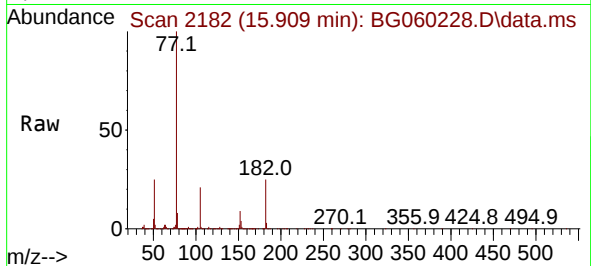




#63
Azobenzene
Concen: 39.504 ng
RT: 15.909 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

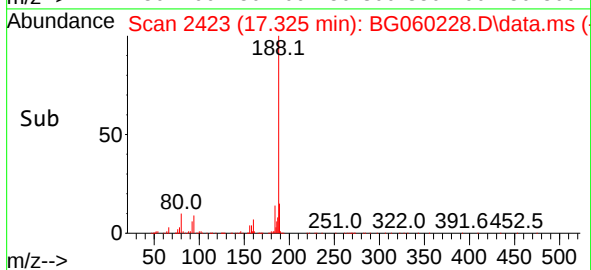
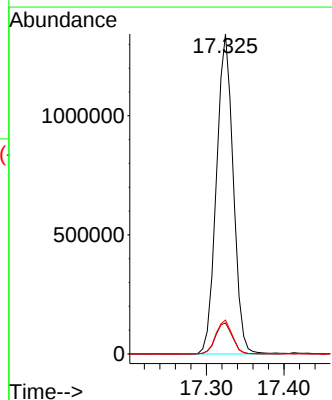
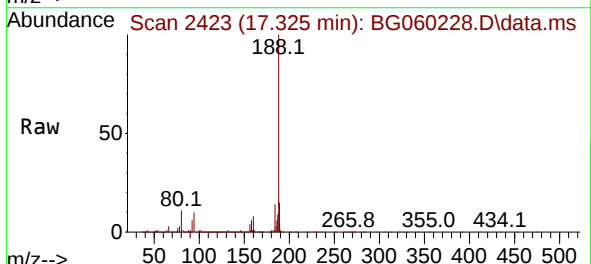
Instrument :
BNA_G
ClientSampleId :

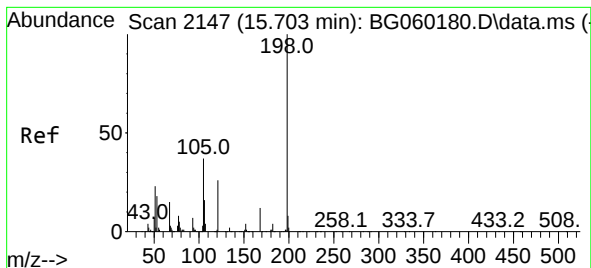
Tgt Ion: 77 Resp: 2537480
Ion Ratio Lower Upper
77 100
182 24.8 4.3 44.3
105 21.5 0.3 40.3
51 25.1 4.9 44.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:188 Resp: 2023540
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.6 8.6 13.0





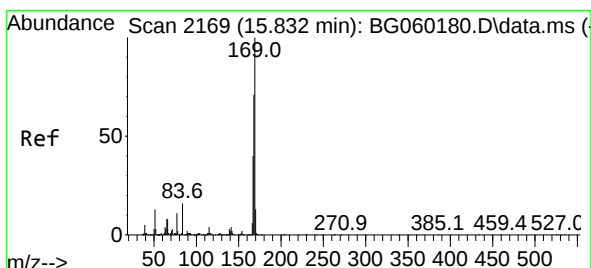
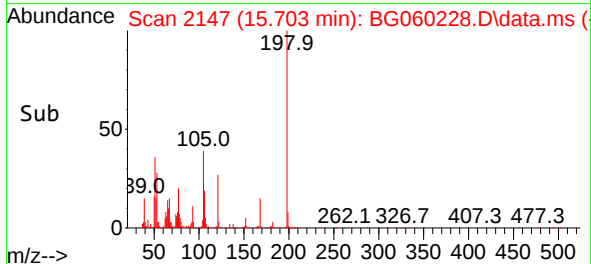
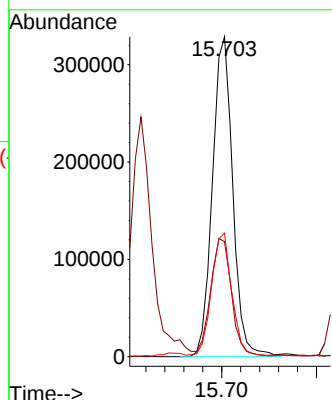
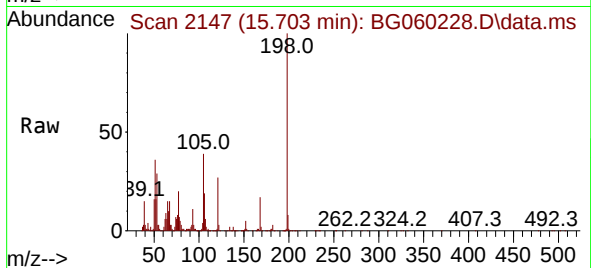
#65
4,6-Dinitro-2-methylphenol
Concen: 48.311 ng
RT: 15.703 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Instrument :

BNA_G

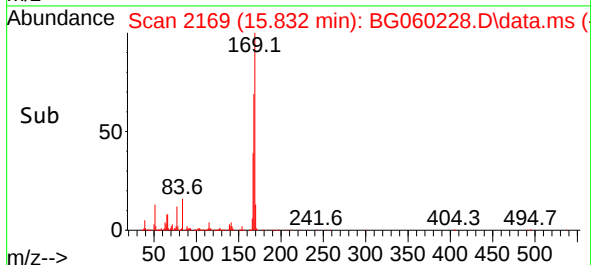
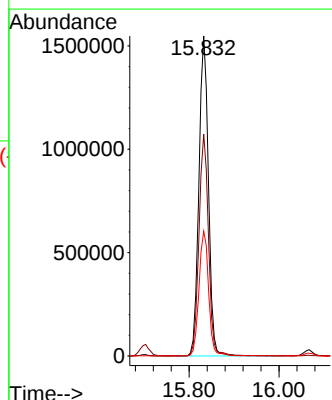
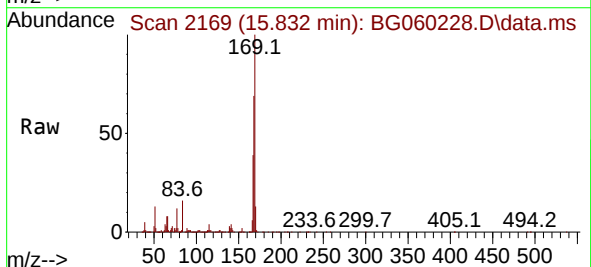
ClientSampleId :

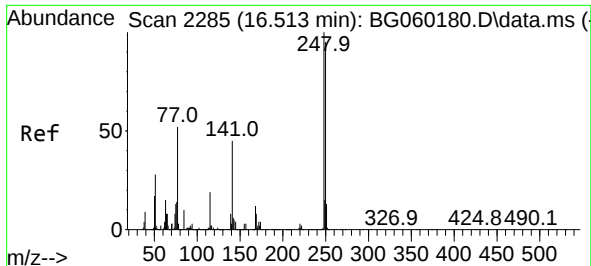
Tgt Ion:198 Resp: 489164
Ion Ratio Lower Upper
198 100
51 35.9 14.8 54.8
105 38.6 17.5 57.5



#66
n-Nitrosodiphenylamine
Concen: 41.782 ng
RT: 15.832 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:169 Resp: 2278310
Ion Ratio Lower Upper
169 100
168 69.3 56.6 84.8
167 39.0 32.1 48.1

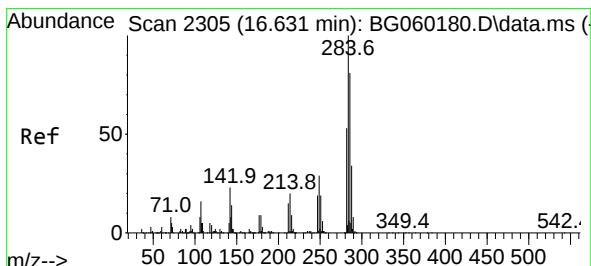
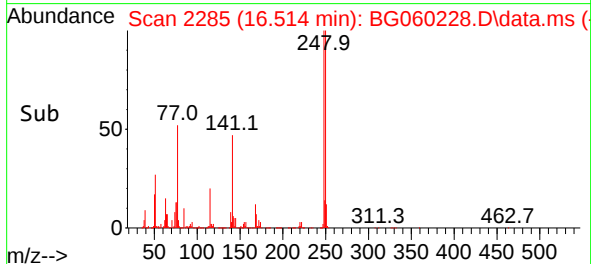
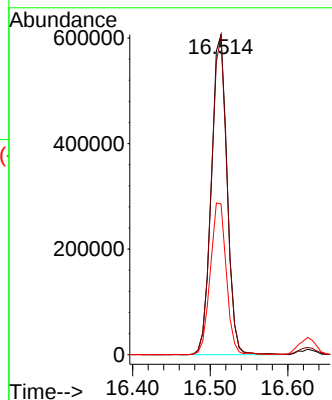
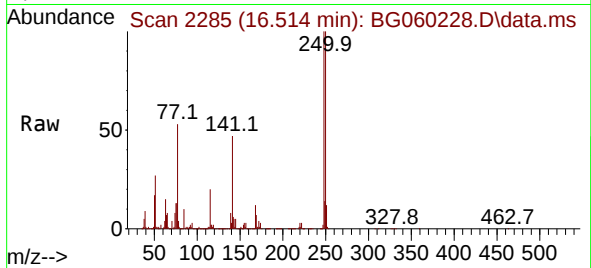




#67
4-Bromophenyl-phenylether
Concen: 39.851 ng
RT: 16.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

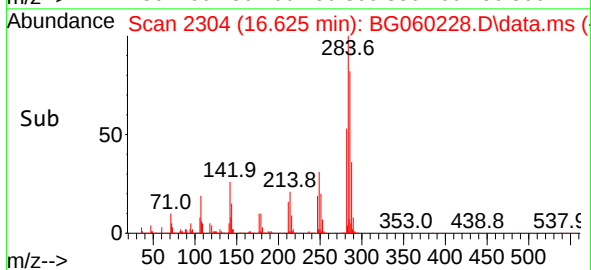
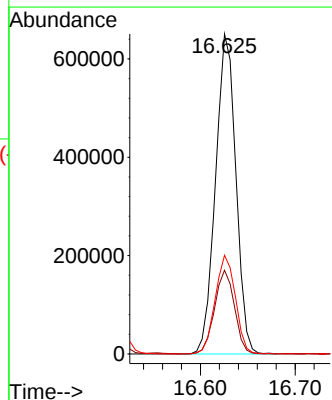
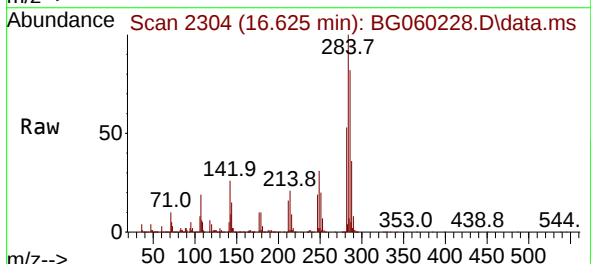
Instrument :
BNA_G
ClientSampleId :

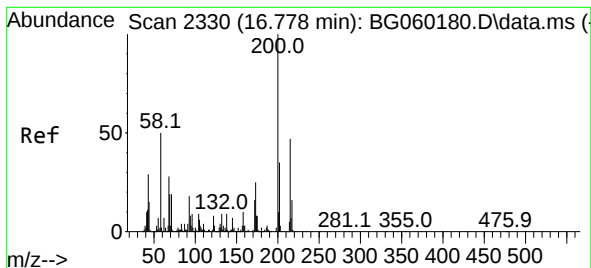
Tgt Ion:248 Resp: 854957
Ion Ratio Lower Upper
248 100
250 99.7 76.2 114.4
141 47.2 36.0 54.0



#68
Hexachlorobenzene
Concen: 38.615 ng
RT: 16.625 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:284 Resp: 971331
Ion Ratio Lower Upper
284 100
142 26.2 18.7 28.1
249 30.9 23.5 35.3





#69

Atrazine

Concen: 64.346 ng

RT: 16.784 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Instrument :

BNA_G

ClientSampleId :

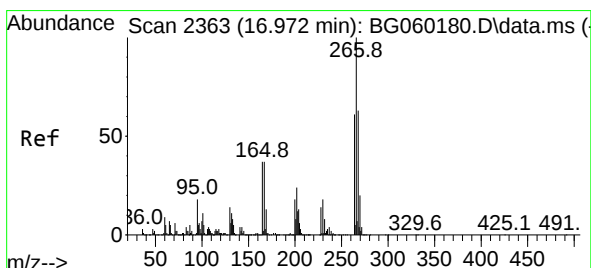
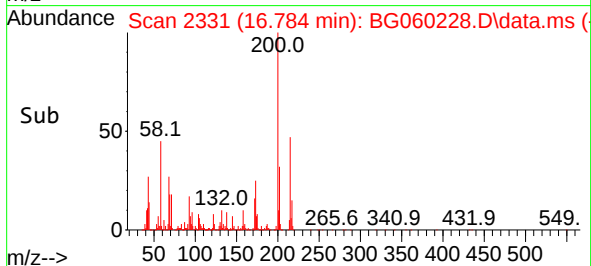
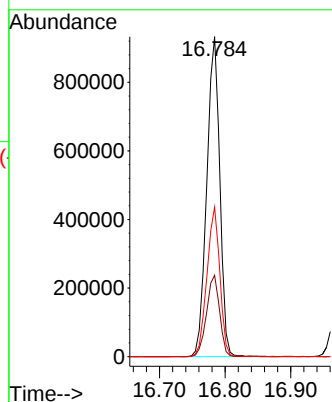
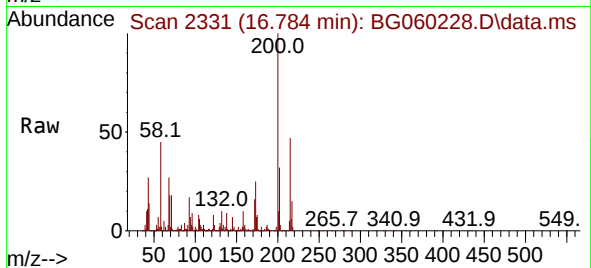
Tgt Ion:200 Resp: 1289551

Ion Ratio Lower Upper

200 100

173 25.5 5.2 45.2

215 46.8 26.9 66.9



#70

Pentachlorophenol

Concen: 83.016 ng

RT: 16.972 min Scan# 2363

Delta R.T. 0.000 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

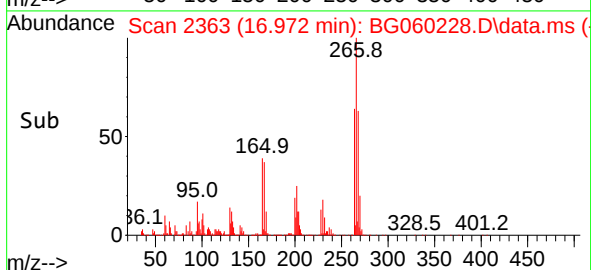
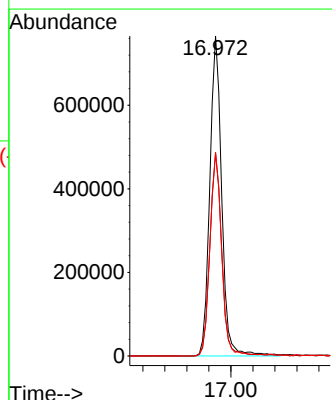
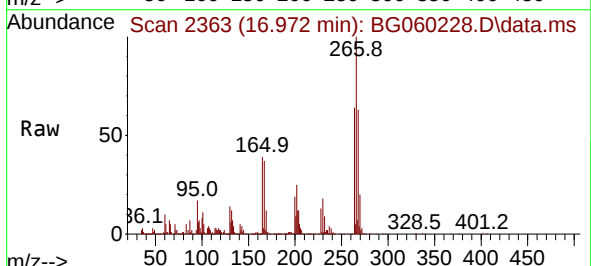
Tgt Ion:266 Resp: 1147140

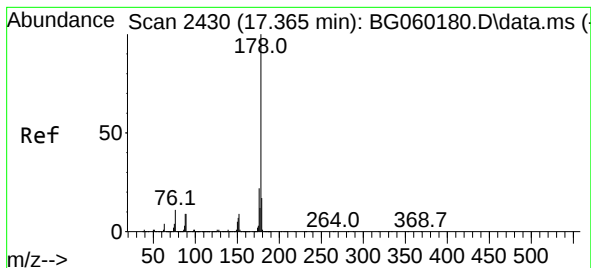
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

264 63.7 52.6 79.0





#71

Phenanthrene

Concen: 39.756 ng

RT: 17.366 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Instrument :

BNA_G

ClientSampleId :

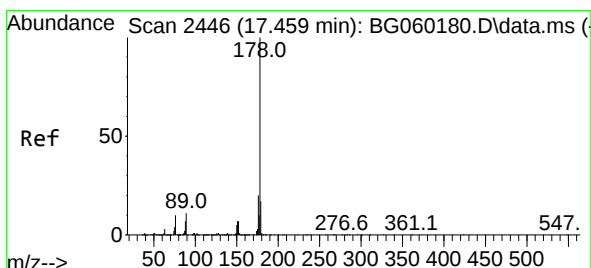
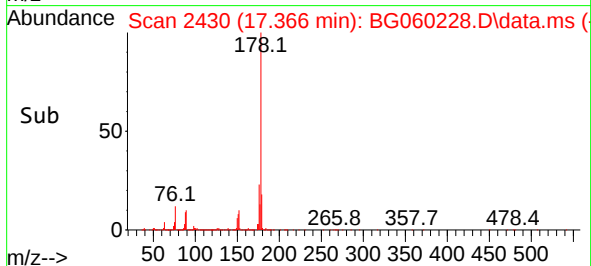
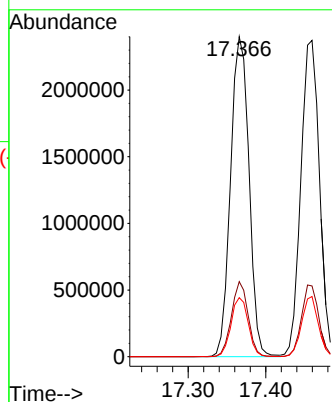
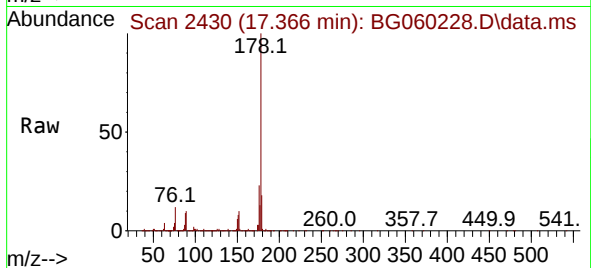
Tgt Ion:178 Resp: 3976443

Ion Ratio Lower Upper

178 100

176 23.5 17.5 26.3

179 18.4 13.8 20.8



#72

Anthracene

Concen: 39.792 ng

RT: 17.460 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

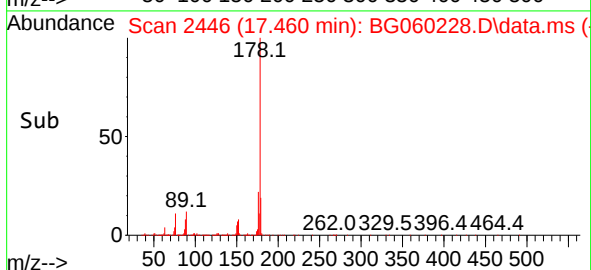
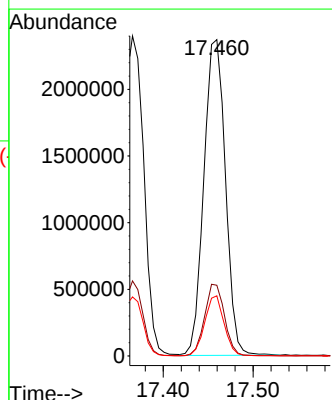
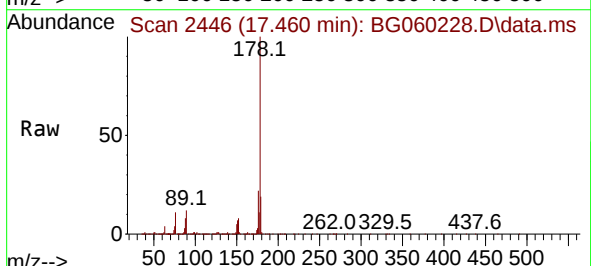
Tgt Ion:178 Resp: 3953371

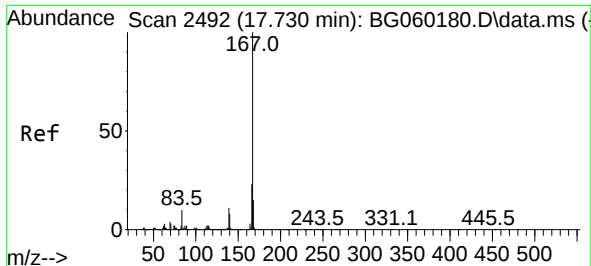
Ion Ratio Lower Upper

178 100

176 22.4 16.2 24.2

179 19.0 14.0 21.0



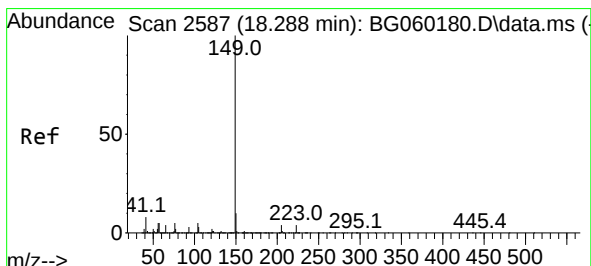
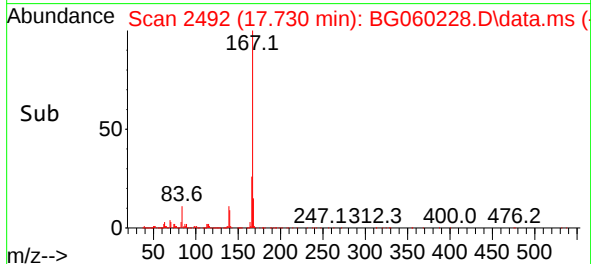
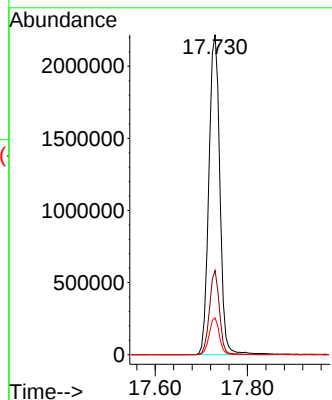
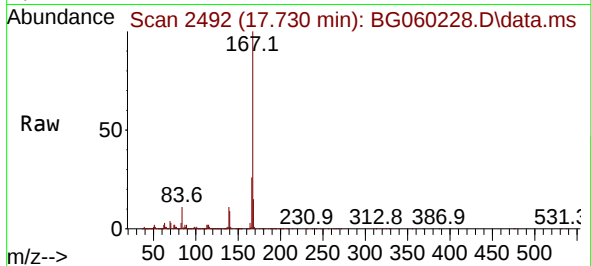


#73
 Carbazole
 Concen: 39.220 ng
 RT: 17.730 min Scan# 2492
 Delta R.T. 0.000 min
 Lab File: BG060228.D
 Acq: 3 Jan 2024 15:33

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:167 Resp: 3695785

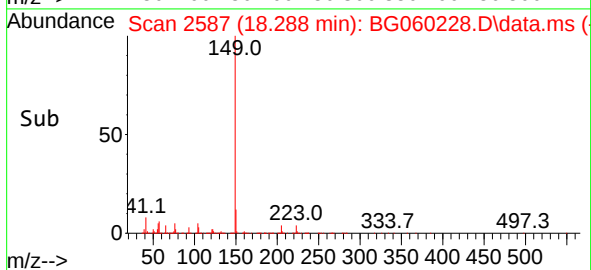
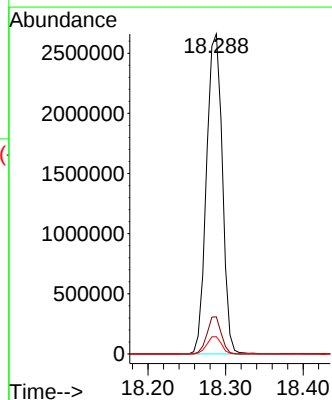
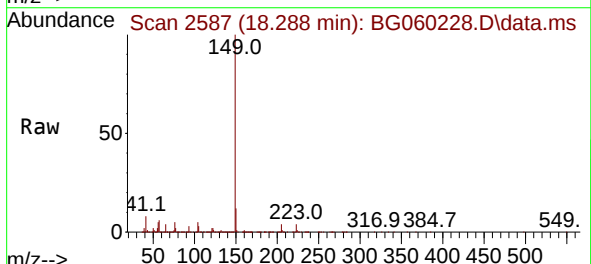
Ion	Ratio	Lower	Upper
167	100		
166	26.3	18.8	28.2
139	11.5	8.8	13.2

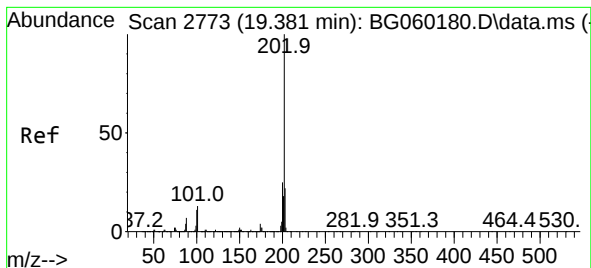


#74
 Di-n-butylphthalate
 Concen: 41.238 ng
 RT: 18.288 min Scan# 2587
 Delta R.T. 0.000 min
 Lab File: BG060228.D
 Acq: 3 Jan 2024 15:33

Tgt Ion:149 Resp: 3765736

Ion	Ratio	Lower	Upper
149	100		
150	11.6	8.3	12.5
104	5.4	4.2	6.4





#75

Fluoranthene

Concen: 36.845 ng

RT: 19.381 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Instrument :

BNA_G

ClientSampleId :

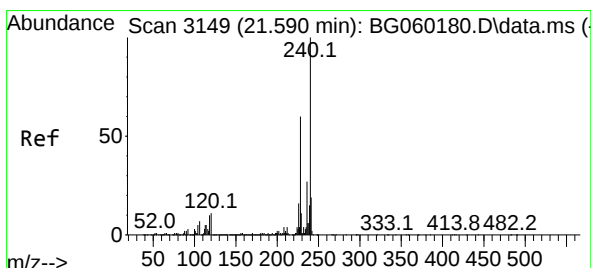
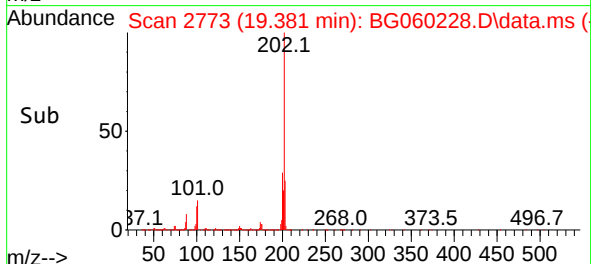
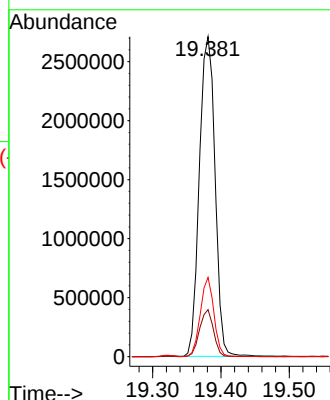
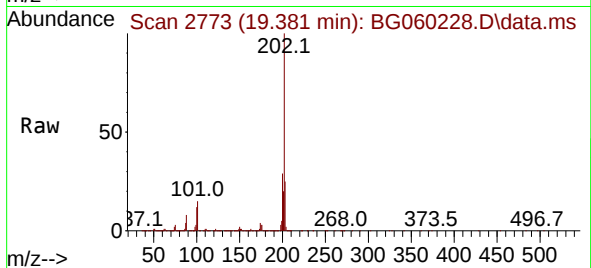
Tgt Ion:202 Resp: 4322778

Ion Ratio Lower Upper

202 100

101 14.7 0.0 32.8

203 24.7 2.0 42.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 3149

Delta R.T. 0.000 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

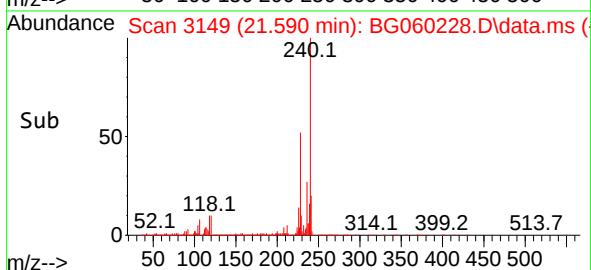
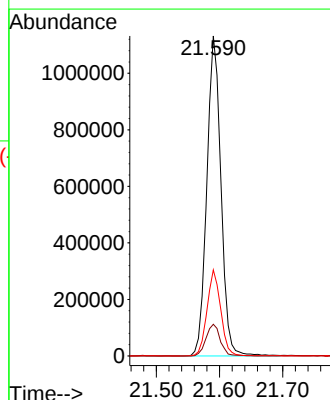
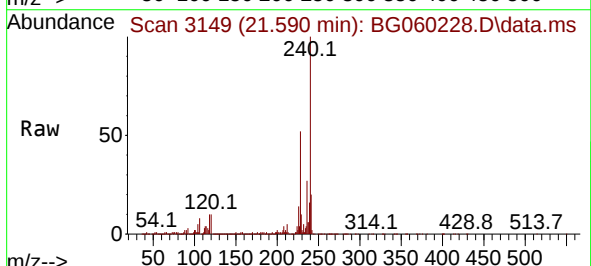
Tgt Ion:240 Resp: 1754784

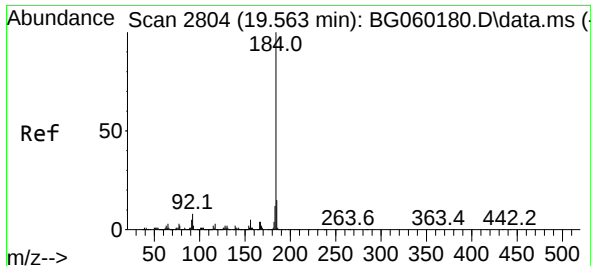
Ion Ratio Lower Upper

240 100

120 9.9 8.5 12.7

236 26.9 21.4 32.2

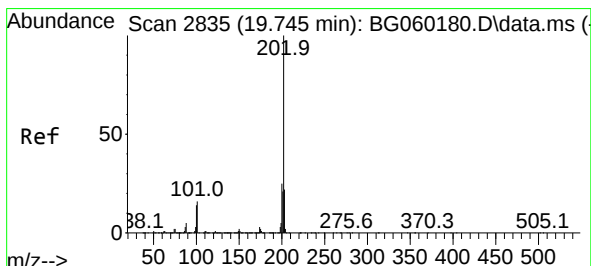
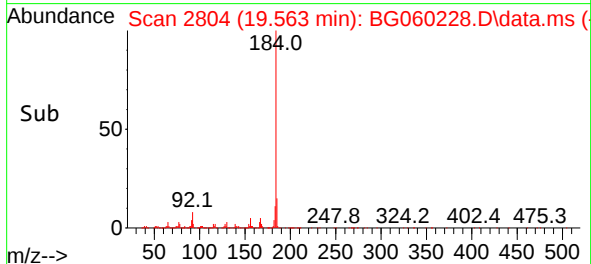
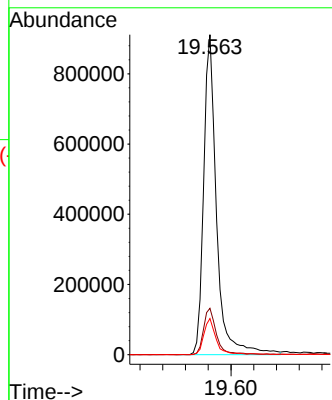
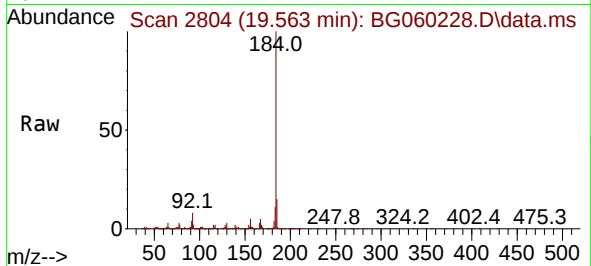




#77
Benzidine
Concen: 29.455 ng
RT: 19.563 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

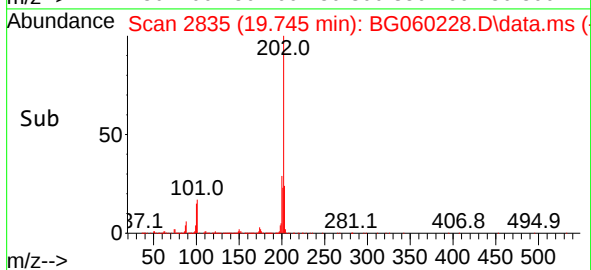
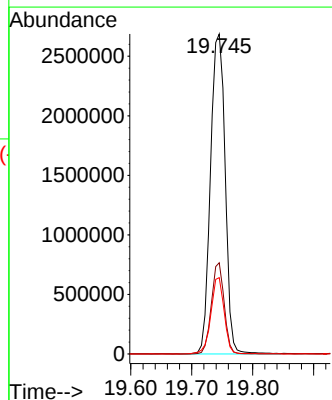
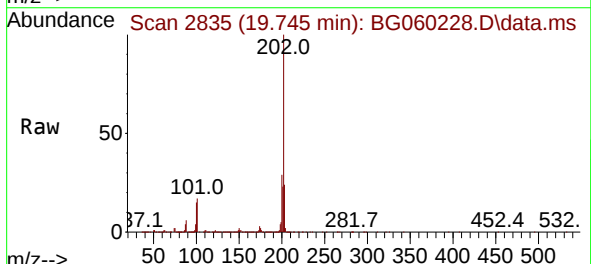
Instrument :
BNA_G
ClientSampleId :

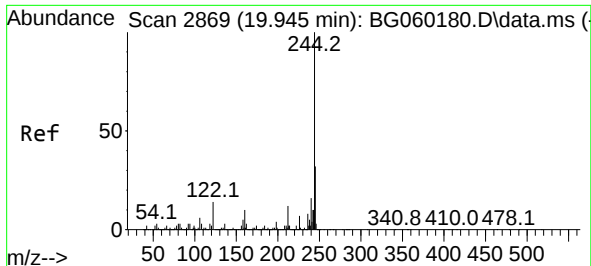
Tgt Ion:184 Resp: 1430507
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 11.3 9.4 14.2



#78
Pyrene
Concen: 38.142 ng
RT: 19.745 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BG060228.D
Acq: 3 Jan 2024 15:33

Tgt Ion:202 Resp: 4499173
Ion Ratio Lower Upper
202 100
200 28.5 20.3 30.5
203 23.9 17.8 26.6

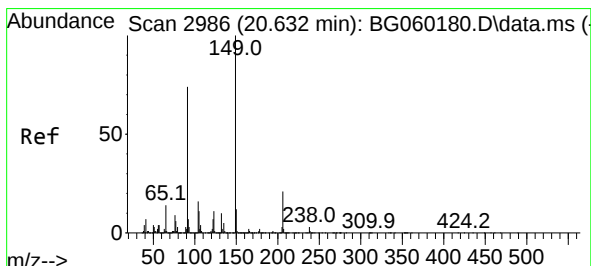
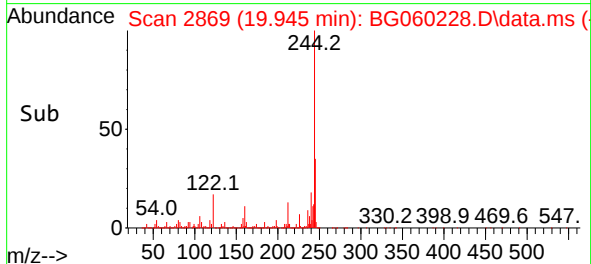
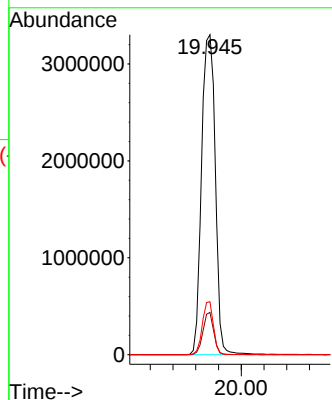
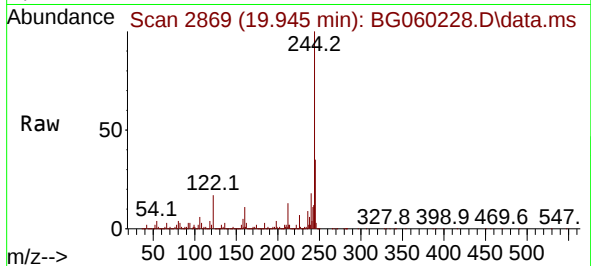




#79
 Terphenyl-d14
 Concen: 60.642 ng
 RT: 19.945 min Scan# 2869
 Delta R.T. -0.000 min
 Lab File: BG060228.D
 Acq: 3 Jan 2024 15:33

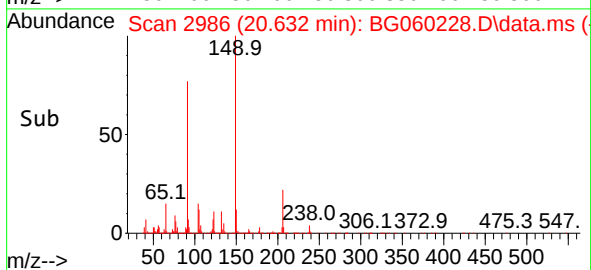
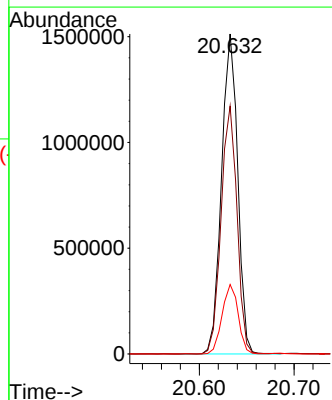
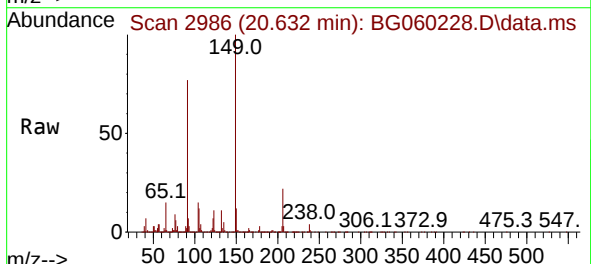
Instrument :
 BNA_G
 ClientSampleId :

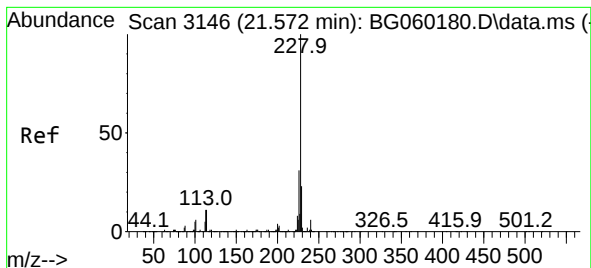
Tgt Ion:244 Resp: 5535226
 Ion Ratio Lower Upper
 244 100
 212 13.2 9.5 14.3
 122 16.6 11.4 17.2



#80
 Butylbenzylphthalate
 Concen: 51.638 ng
 RT: 20.632 min Scan# 2986
 Delta R.T. 0.000 min
 Lab File: BG060228.D
 Acq: 3 Jan 2024 15:33

Tgt Ion:149 Resp: 1796059
 Ion Ratio Lower Upper
 149 100
 91 77.4 59.4 89.2
 206 21.7 16.6 25.0





#81

Benzo(a)anthracene

Concen: 39.858 ng

RT: 21.572 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Instrument :

BNA_G

ClientSampleId :

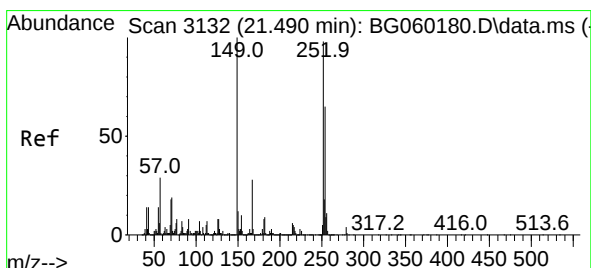
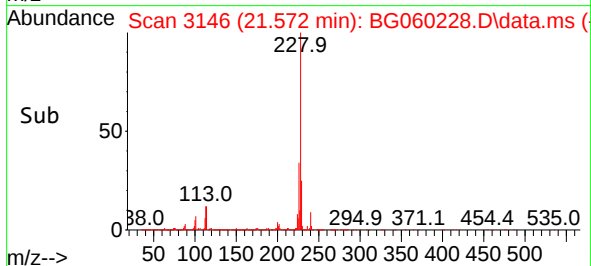
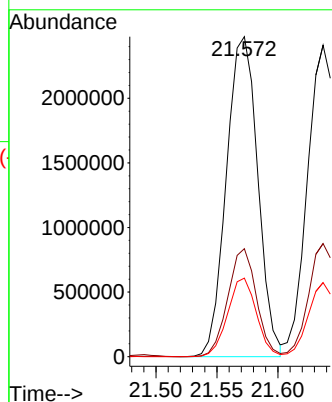
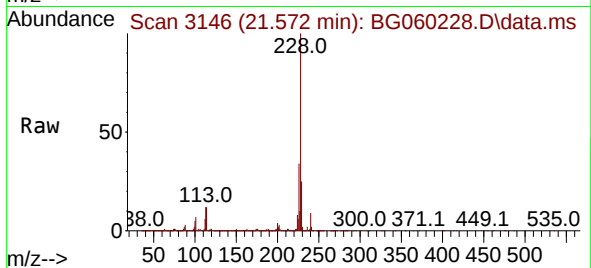
Tgt Ion:228 Resp: 4447010

Ion Ratio Lower Upper

228 100

226 33.8 24.6 36.8

229 24.5 18.4 27.6



#82

3,3'-Dichlorobenzidine

Concen: 35.880 ng

RT: 21.490 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

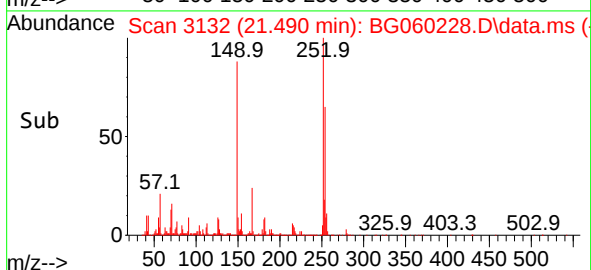
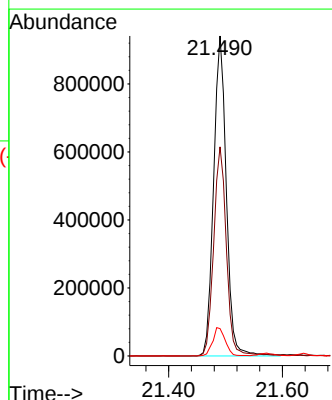
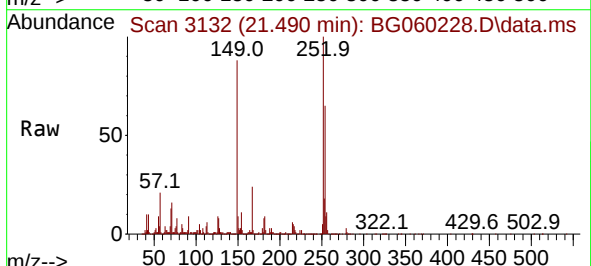
Tgt Ion:252 Resp: 1455721

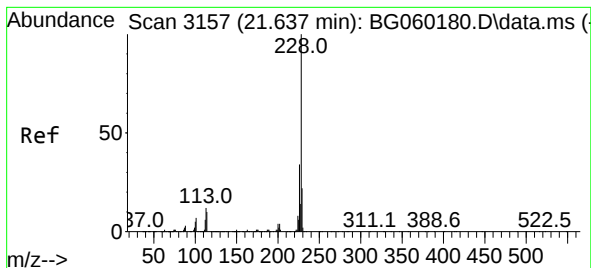
Ion Ratio Lower Upper

252 100

254 65.4 52.6 78.8

126 8.6 6.9 10.3





#83

Chrysene

Concen: 39.341 ng

RT: 21.637 min Scan# 3157

Delta R.T. 0.000 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Instrument :

BNA_G

ClientSampleId :

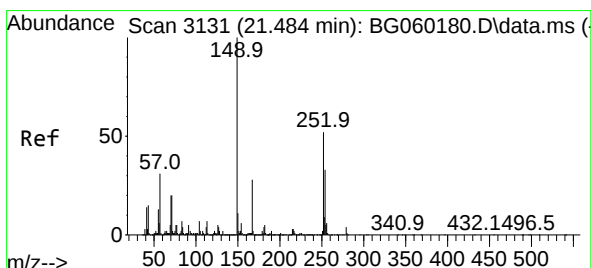
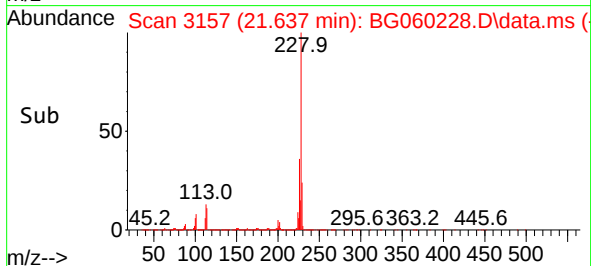
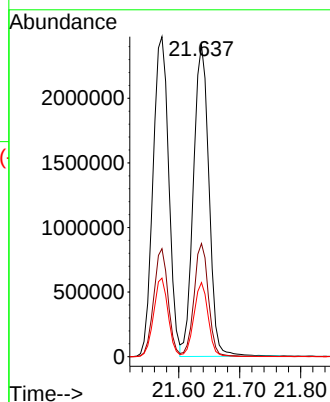
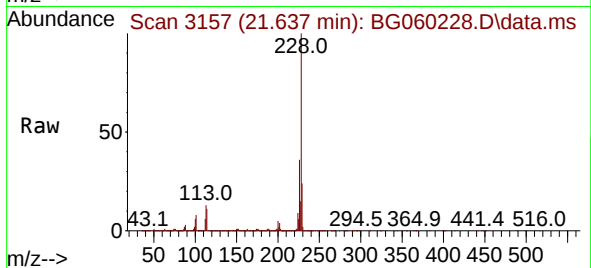
Tgt Ion:228 Resp: 4264294

Ion Ratio Lower Upper

228 100

226 36.3 26.8 40.2

229 23.8 17.7 26.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.044 ng

RT: 21.478 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

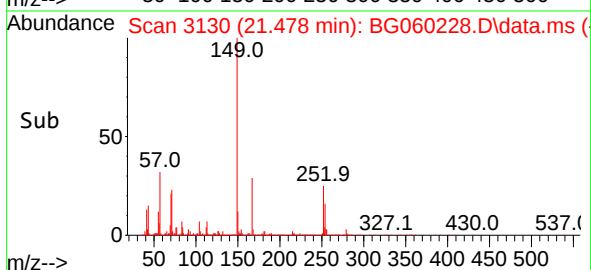
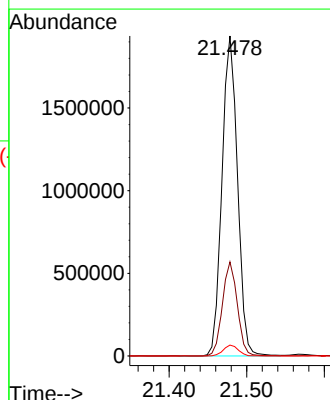
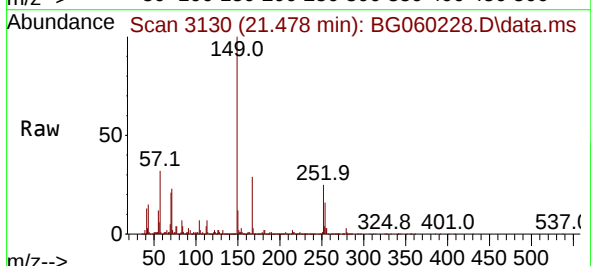
Tgt Ion:149 Resp: 2692340

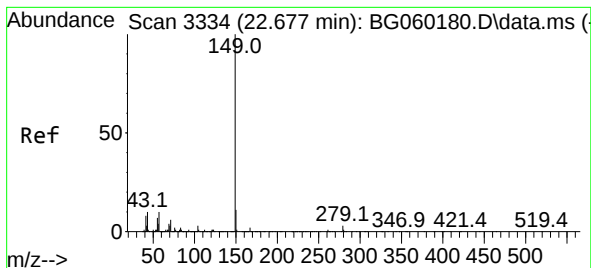
Ion Ratio Lower Upper

149 100

167 29.4 22.2 33.4

279 3.4 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 51.616 ng

RT: 22.671 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Instrument :

BNA_G

ClientSampleId :

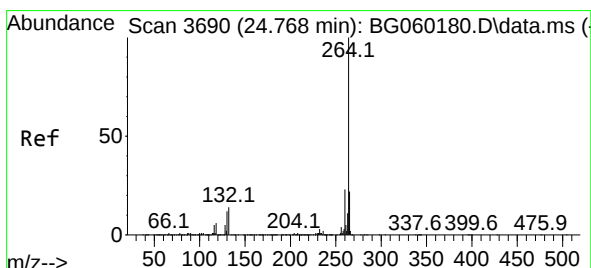
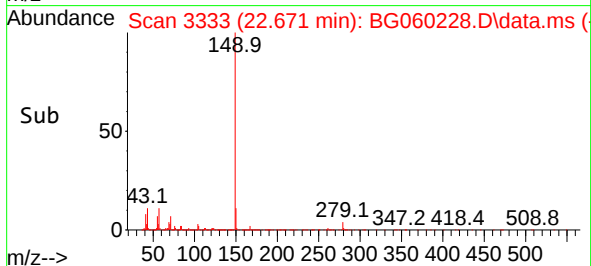
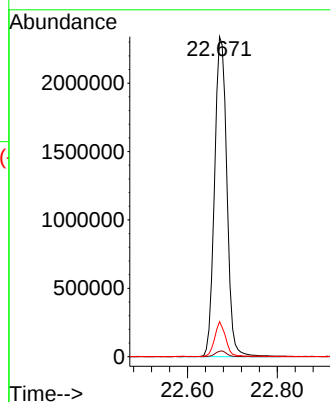
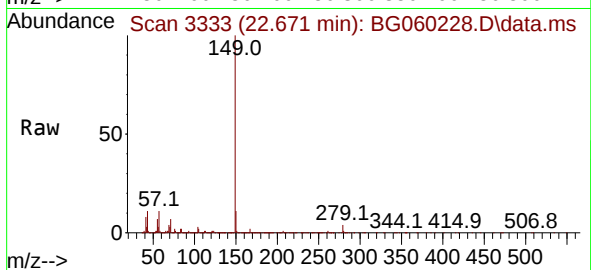
Tgt Ion:149 Resp: 4456525

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.7 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.763 min Scan# 3689

Delta R.T. -0.006 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

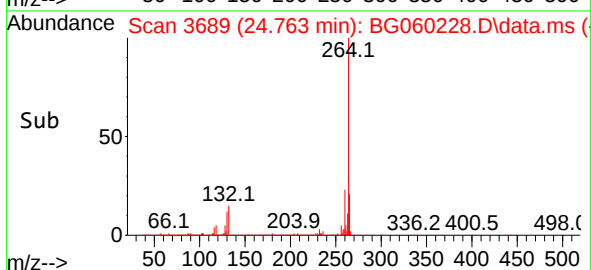
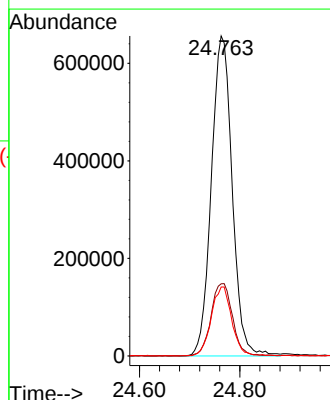
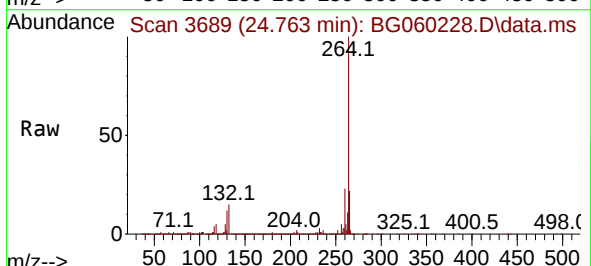
Tgt Ion:264 Resp: 1890084

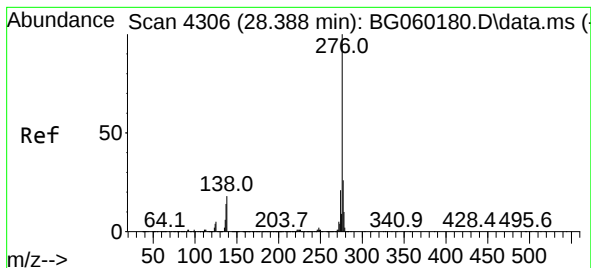
Ion Ratio Lower Upper

264 100

260 22.6 18.0 27.0

265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.886 ng

RT: 28.382 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Instrument :

BNA_G

ClientSampleId :

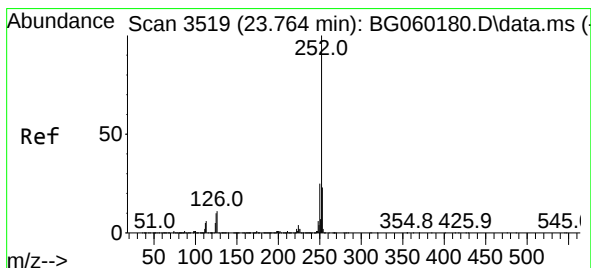
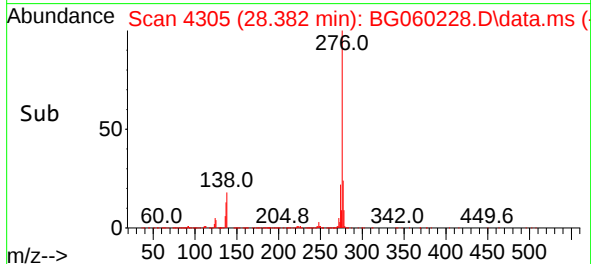
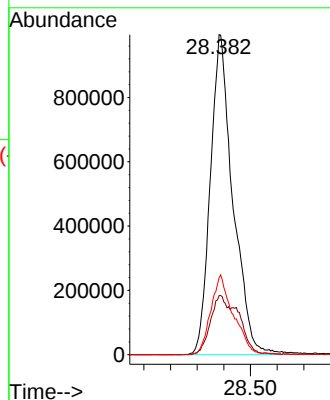
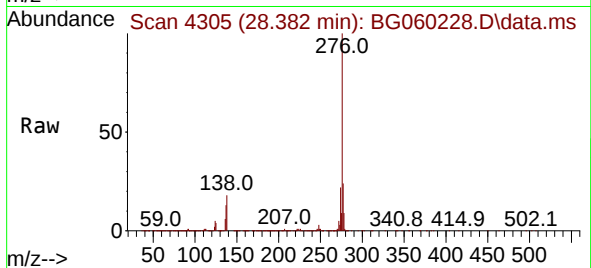
Tgt Ion:276 Resp: 5848089

Ion Ratio Lower Upper

276 100

138 14.5 18.0 27.0#

277 24.8 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 43.445 ng

RT: 23.758 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

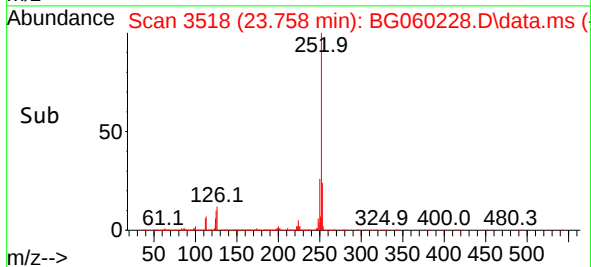
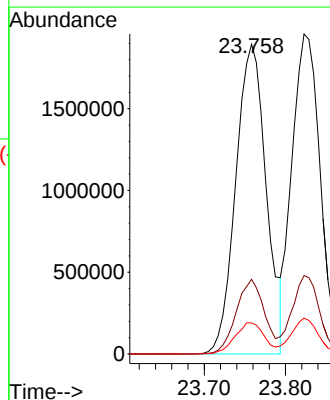
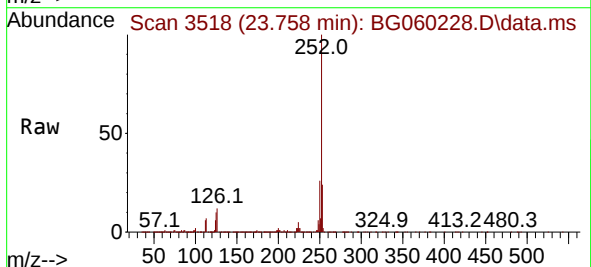
Tgt Ion:252 Resp: 4934581

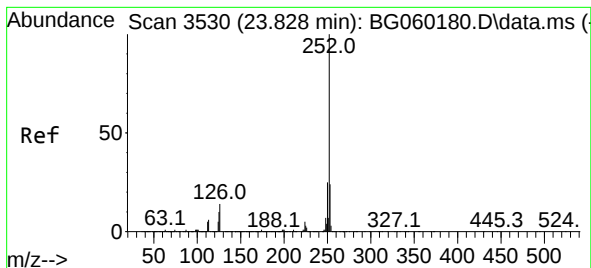
Ion Ratio Lower Upper

252 100

253 24.1 18.4 27.6

125 10.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 42.084 ng

RT: 23.823 min Scan# 3529

Delta R.T. -0.006 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Instrument :

BNA_G

ClientSampleId :

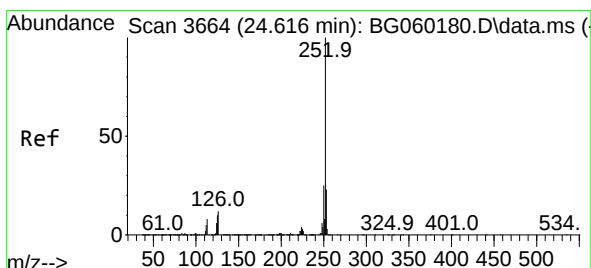
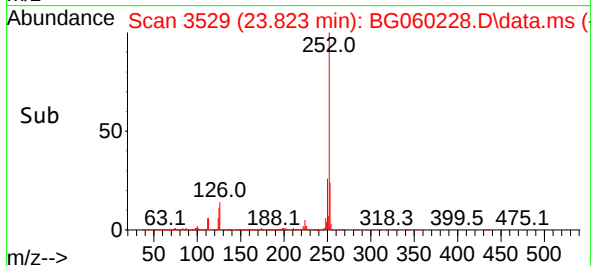
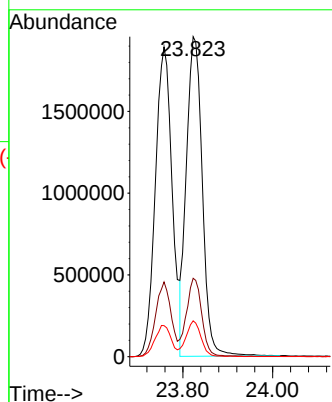
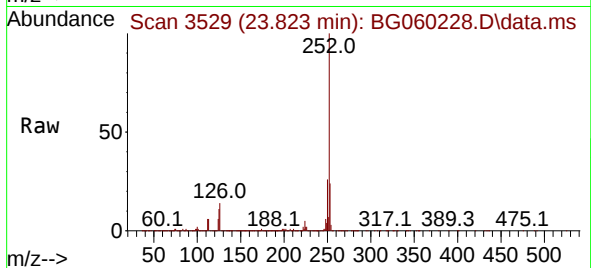
Tgt Ion:252 Resp: 4811066

Ion Ratio Lower Upper

252 100

253 24.5 19.1 28.7

125 11.2 7.7 11.5



#90

Benzo(a)pyrene

Concen: 42.751 ng

RT: 24.616 min Scan# 3664

Delta R.T. 0.000 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

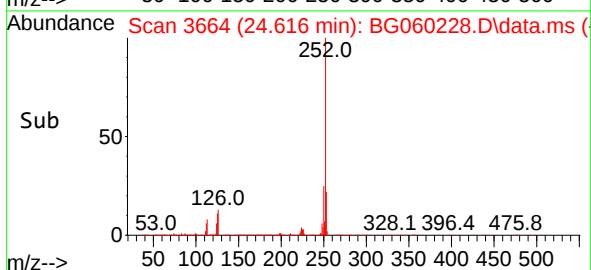
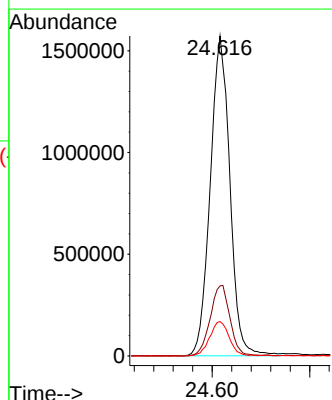
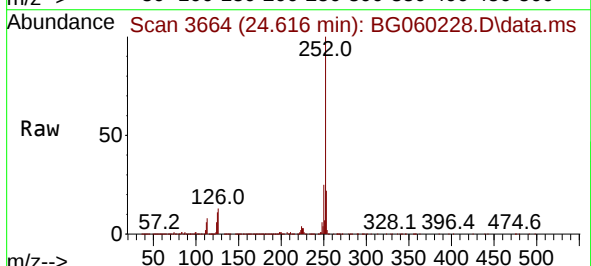
Tgt Ion:252 Resp: 4393108

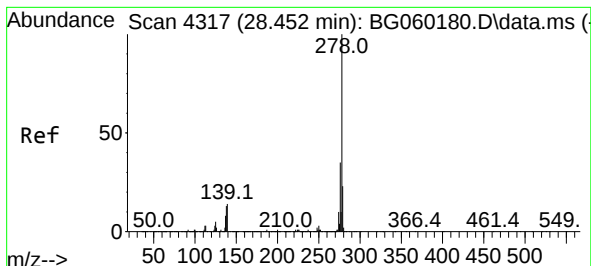
Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

125 10.8 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 44.230 ng

RT: 28.453 min Scan# 41

Delta R.T. 0.000 min

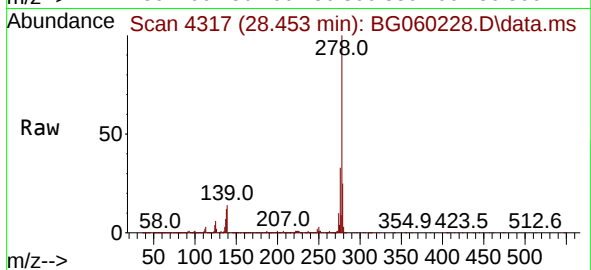
Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Instrument :

BNA_G

ClientSampleId :



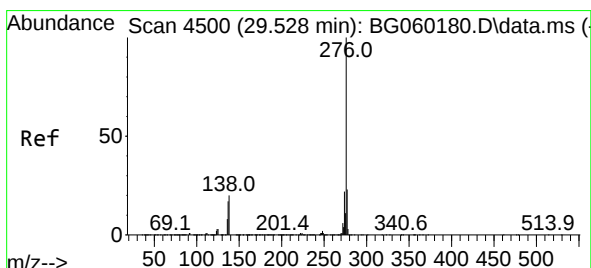
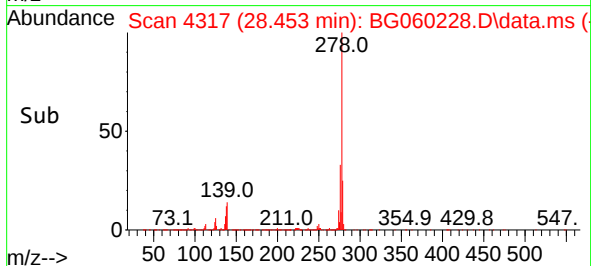
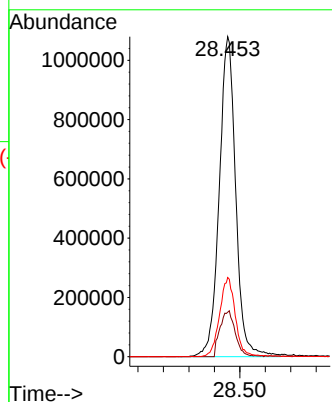
Tgt Ion:278 Resp: 4842736

Ion Ratio Lower Upper

278 100

139 13.9 11.0 16.4

279 24.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 42.725 ng

RT: 29.522 min Scan# 4499

Delta R.T. -0.006 min

Lab File: BG060228.D

Acq: 3 Jan 2024 15:33

Tgt Ion:276 Resp: 4738288

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 20.2 15.9 23.9

