

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060409.D
 Acq On : 23 Jan 2024 18:38
 Operator : MA/JU
 Sample : P1219-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 222177MSD

Quant Time: Jan 24 03:17:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	146878	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	671508	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	573563	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1490240	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1357644	20.000	ng	0.00
86) Perylene-d12	24.735	264	1563827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1424752	159.548	ng	0.00
7) Phenol-d6	7.097	99	1852331	140.083	ng	0.00
23) Nitrobenzene-d5	9.089	82	1083836	76.215	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1163021	137.819	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	2872351	69.626	ng	0.00
79) Terphenyl-d14	19.929	244	4405719	80.088	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.396	88	153630	37.663	ng	99
3) Pyridine	3.789	79	434800	37.779	ng	94
4) n-Nitrosodimethylamine	3.707	42	162136	45.014	ng	# 96
6) Aniline	7.250	93	320039	24.214	ng	96
8) 2-Chlorophenol	7.491	128	476197	53.808	ng	95
9) Benzaldehyde	7.062	77	266363	35.094	ng	94
10) Phenol	7.121	94	720958	54.380	ng	99
11) bis(2-Chloroethyl)ether	7.344	93	488507	45.218	ng	97
12) 1,3-Dichlorobenzene	7.814	146	485711	43.725	ng	99
13) 1,4-Dichlorobenzene	7.961	146	478189	42.428	ng	100
14) 1,2-Dichlorobenzene	8.278	146	497289	42.909	ng	97
15) Benzyl Alcohol	8.167	79	470440	54.961	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.443	45	568549	43.360	ng	97
17) 2-Methylphenol	8.372	107	480613	52.779	ng	98
18) Hexachloroethane	9.007	117	171088	43.295	ng	93
19) n-Nitroso-di-n-propyla...	8.725	70	424162	46.347	ng	96
20) 3+4-Methylphenols	8.695	107	674185	54.911	ng	95
22) Acetophenone	8.748	105	813530	44.073	ng	# 98
24) Nitrobenzene	9.130	77	598003	40.565	ng	94
25) Isophorone	9.647	82	1240376	43.432	ng	97
26) 2-Nitrophenol	9.841	139	286964	52.943	ng	97
27) 2,4-Dimethylphenol	9.900	122	421402	58.837	ng	99
28) bis(2-Chloroethoxy)met...	10.135	93	729402	41.801	ng	99
29) 2,4-Dichlorophenol	10.376	162	618137	53.259	ng	99
30) 1,2,4-Trichlorobenzene	10.593	180	623174	43.158	ng	97
31) Naphthalene	10.781	128	1558109	44.265	ng	99
32) Benzoic acid	10.023	122	211273	36.505	ng	96
33) 4-Chloroaniline	10.887	127	237830	17.535	ng	98
34) Hexachlorobutadiene	11.063	225	375609	39.932	ng	96
35) Caprolactam	11.668	113	152191	40.712	ng	90
36) 4-Chloro-3-methylphenol	12.021	107	701995	59.537	ng	98
37) 2-Methylnaphthalene	12.391	142	1215745	46.569	ng	97
38) 1-Methylnaphthalene	12.608	142	1195851	45.617	ng	98
40) 1,2,4,5-Tetrachloroben...	12.755	216	836785	41.079	ng	99
41) Hexachlorocyclopentadiene	12.732	237	716637	105.963	ng	99
43) 2,4,6-Trichlorophenol	12.996	196	659751	50.893	ng	99

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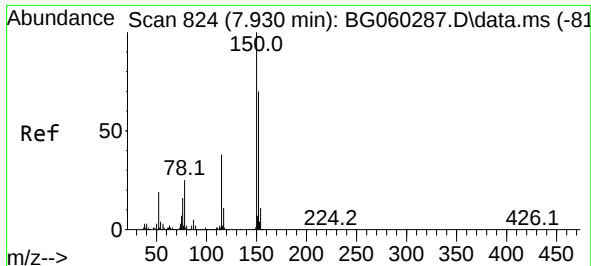
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.073	196	740274	51.773	ng	98
46) 1,1'-Biphenyl	13.396	154	1824725	42.147	ng	99
47) 2-Chloronaphthalene	13.443	162	1527561	41.185	ng	98
48) 2-Nitroaniline	13.648	65	478047	51.754	ng	92
49) Acenaphthylene	14.289	152	2537842	49.688	ng	99
50) Dimethylphthalate	14.019	163	2036273	46.458	ng	99
51) 2,6-Dinitrotoluene	14.142	165	465789	49.803	ng	99
52) Acenaphthene	14.630	154	1435513	45.137	ng	100
53) 3-Nitroaniline	14.471	138	204378	23.982	ng	95
54) 2,4-Dinitrophenol	14.677	184	511615	89.125	ng	98
55) Dibenzofuran	14.965	168	2512659	47.327	ng	97
56) 4-Nitrophenol	14.788	139	745239	117.897	ng	95
57) 2,4-Dinitrotoluene	14.929	165	683946	53.329	ng	93
58) Fluorene	15.617	166	2055968	46.763	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.194	232	678532	55.884	ng	98
60) Diethylphthalate	15.382	149	2034835	48.358	ng	97
61) 4-Chlorophenyl-phenyle...	15.605	204	1099623	45.402	ng	97
62) 4-Nitroaniline	15.640	138	475834	52.462	ng	95
63) Azobenzene	15.899	77	1980149	46.526	ng	98
65) 4,6-Dinitro-2-methylph...	15.693	198	418642	50.780	ng	95
66) n-Nitrosodiphenylamine	15.822	169	1891004	47.789	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	737127	45.016	ng	96
68) Hexachlorobenzene	16.616	284	843010	43.492	ng	99
69) Atrazine	16.768	200	744092	49.870	ng	98
70) Pentachlorophenol	16.962	266	1037411	99.294	ng	93
71) Phenanthrene	17.356	178	3350113	46.509	ng	99
72) Anthracene	17.450	178	3436977	47.792	ng	99
73) Carbazole	17.720	167	3075969	45.369	ng	98
74) Di-n-butylphthalate	18.272	149	3304330	47.367	ng	99
75) Fluoranthene	19.371	202	3773788	43.619	ng	95
77) Benzidine	19.547	184	1301490	44.126	ng	98
78) Pyrene	19.735	202	3895196	44.928	ng	94
80) Butylbenzylphthalate	20.617	149	1574938	52.800	ng	98
81) Benzo(a)anthracene	21.557	228	3958224	47.095	ng	99
82) 3,3'-Dichlorobenzidine	21.475	252	768379	23.872	ng	98
83) Chrysene	21.621	228	3791097	45.863	ng	97
84) Bis(2-ethylhexyl)phtha...	21.457	149	2342110	51.962	ng	97
85) Di-n-octyl phthalate	22.650	149	3831587	52.458	ng	100
87) Indeno(1,2,3-cd)pyrene	28.349	276	5180148	47.640	ng	# 95
88) Benzo(b)fluoranthene	23.737	252	4180916	45.256	ng	98
89) Benzo(k)fluoranthene	23.801	252	4157406	45.603	ng	99
90) Benzo(a)pyrene	24.594	252	3944534	47.265	ng	100
91) Dibenzo(a,h)anthracene	28.413	278	4237821	47.723	ng	99
92) Benzo(g,h,i)perylene	29.489	276	4111263	45.173	ng	98

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

222177MSD

Response via : Initial Calibration

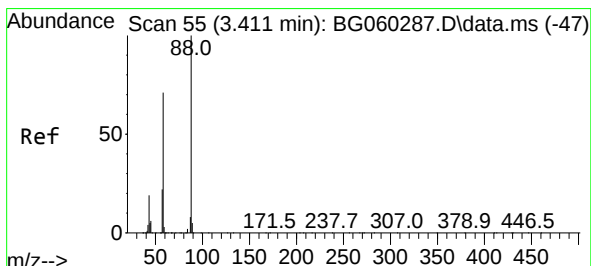
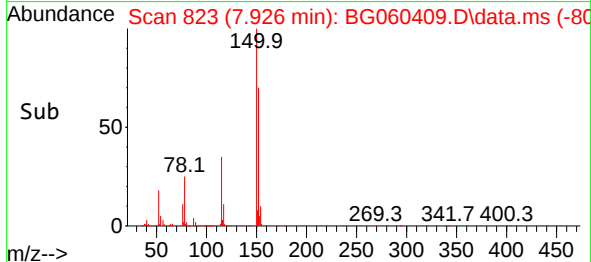
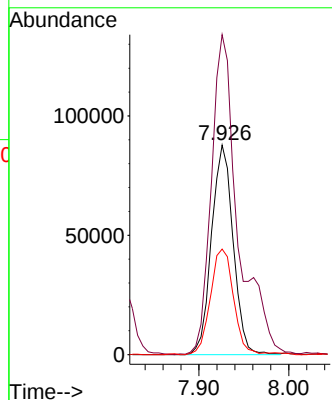
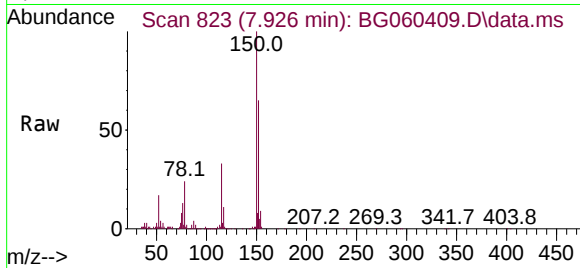




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

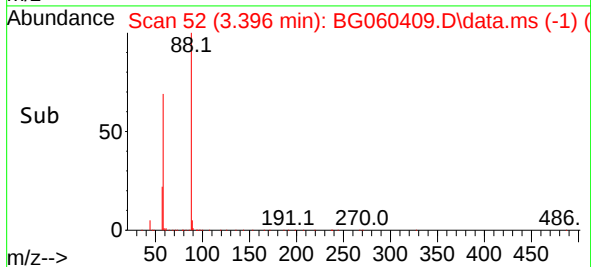
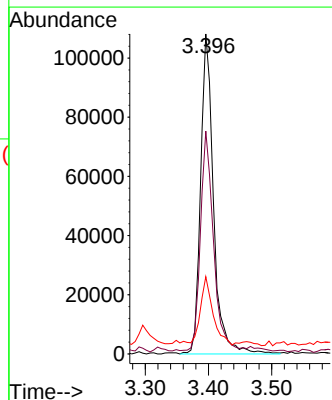
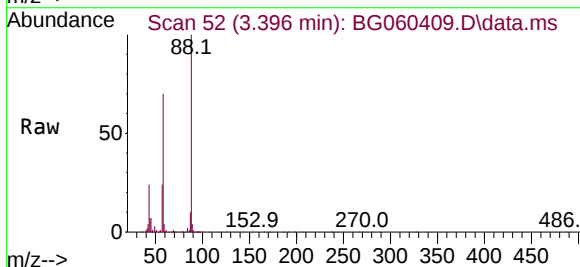
Instrument :
BNA_G
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222177MSD

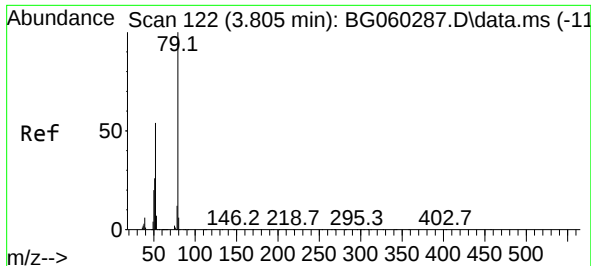
Tgt Ion:152 Resp: 146878
Ion Ratio Lower Upper
152 100
150 152.7 114.5 171.7
115 50.4 43.0 64.6



#2
1,4-Dioxane
Concen: 37.663 ng
RT: 3.396 min Scan# 52
Delta R.T. -0.016 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion: 88 Resp: 153630
Ion Ratio Lower Upper
88 100
58 68.4 55.9 83.9
43 20.6 16.6 24.8

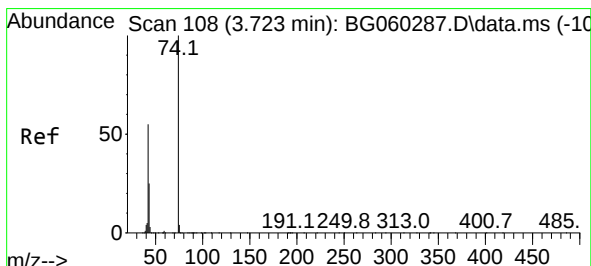
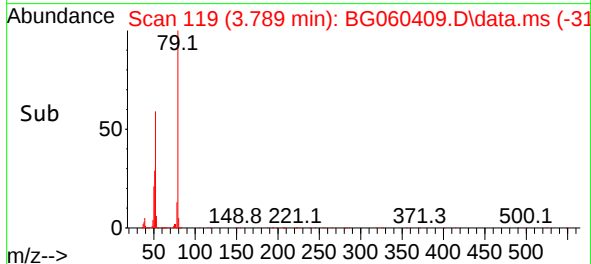
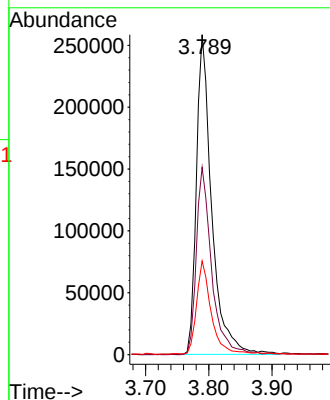
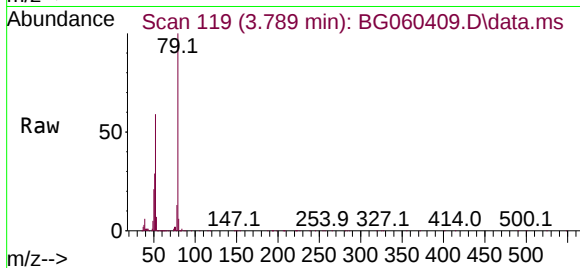




#3
Pyridine
Concen: 37.779 ng
RT: 3.789 min Scan# 111
Delta R.T. -0.016 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

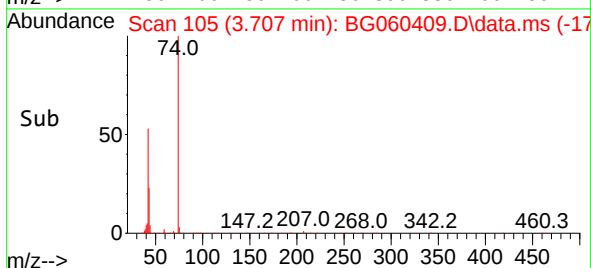
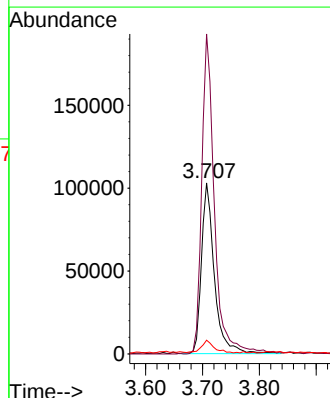
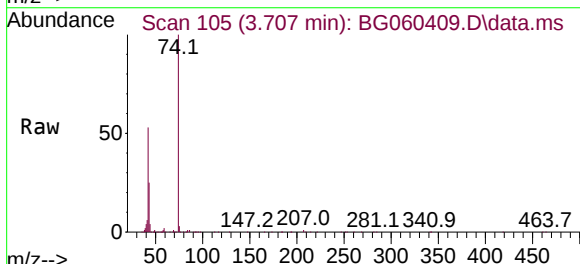
Instrument :
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ClientSampleId :
222177MSD

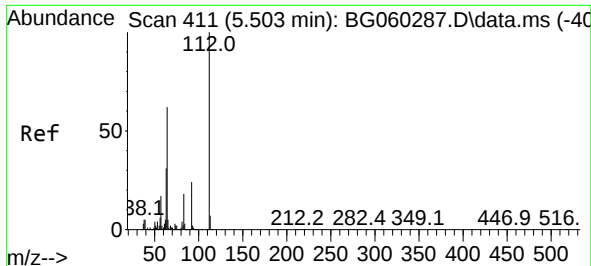
Tgt Ion: 79 Resp: 434800
Ion Ratio Lower Upper
79 100
52 58.5 43.2 64.8
51 29.3 21.4 32.2



#4
n-Nitrosodimethylamine
Concen: 45.014 ng
RT: 3.707 min Scan# 105
Delta R.T. -0.016 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion: 42 Resp: 162136
Ion Ratio Lower Upper
42 100
74 187.2 145.1 217.7
44 8.0 5.2 7.8#

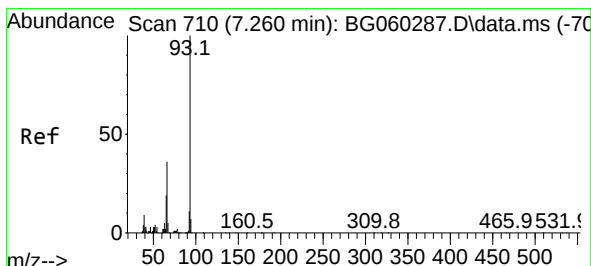
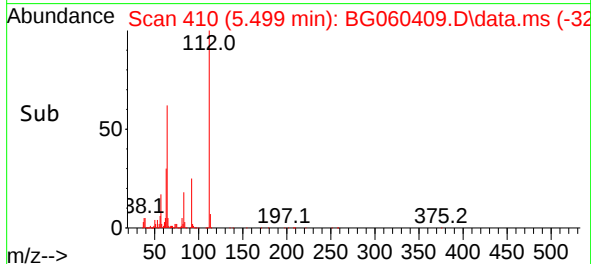
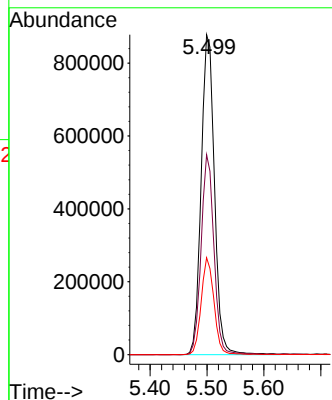
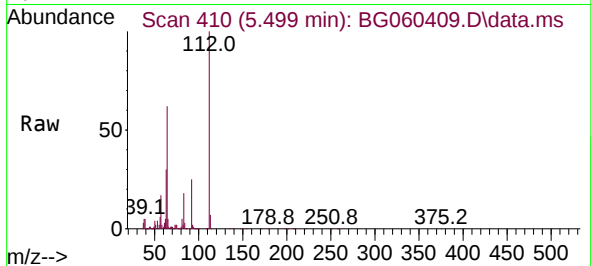




#5
2-Fluorophenol
Concen: 159.548 ng
RT: 5.499 min Scan# 411
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

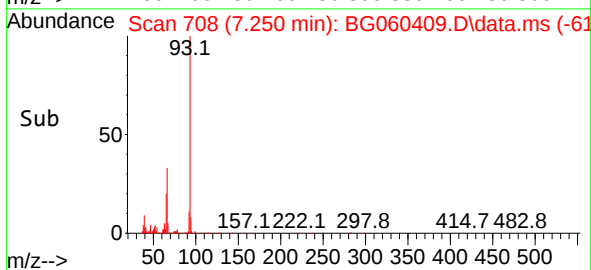
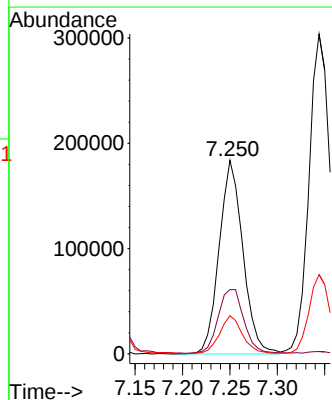
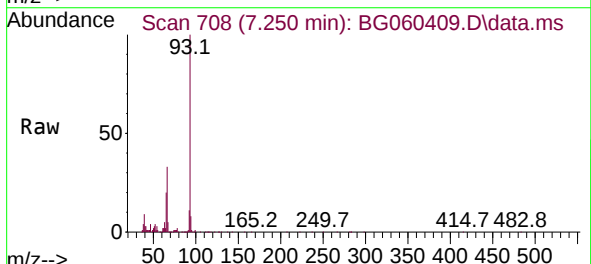
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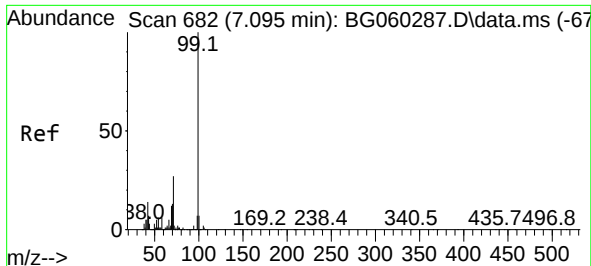
Tgt Ion:112 Resp: 1424752
Ion Ratio Lower Upper
112 100
64 62.5 49.8 74.6
63 30.3 24.4 36.6



#6
Aniline
Concen: 24.214 ng
RT: 7.250 min Scan# 708
Delta R.T. -0.010 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion: 93 Resp: 320039
Ion Ratio Lower Upper
93 100
66 33.2 29.0 43.4
65 19.7 15.1 22.7



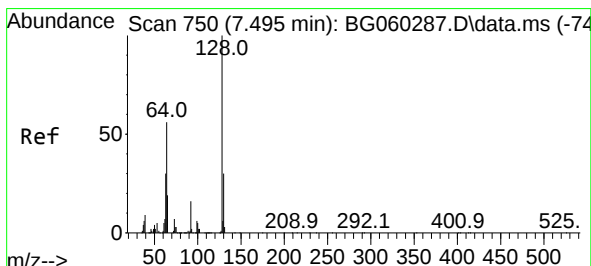
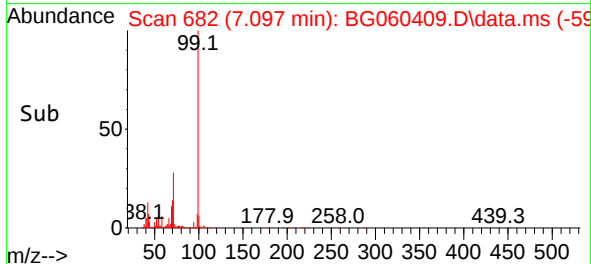
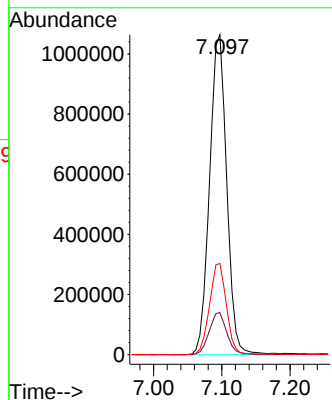
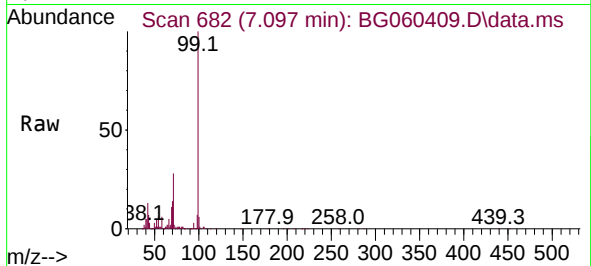


#7
Phenol-d6
Concen: 140.083 ng
RT: 7.097 min Scan# 682
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 1852331

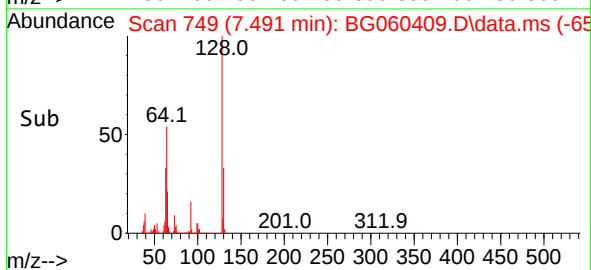
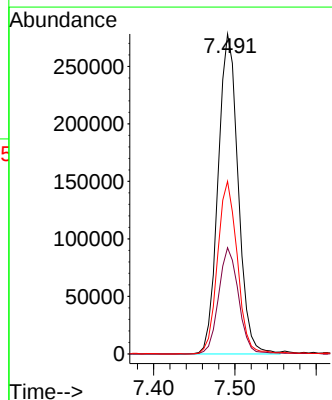
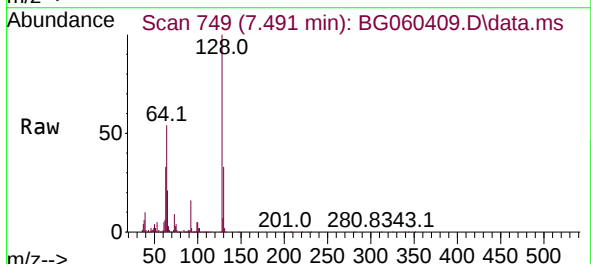
Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.9	16.3
71	28.5	21.5	32.3

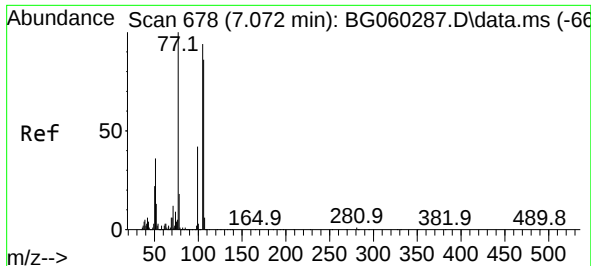


#8
2-Chlorophenol
Concen: 53.808 ng
RT: 7.491 min Scan# 749
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion: 128 Resp: 476197

Ion	Ratio	Lower	Upper
128	100		
130	33.2	9.9	49.9
64	53.9	37.8	77.8

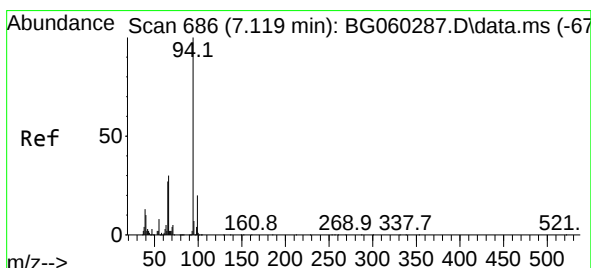
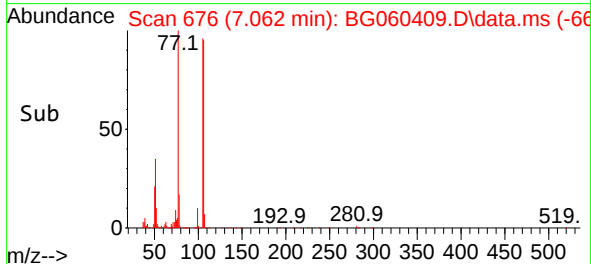
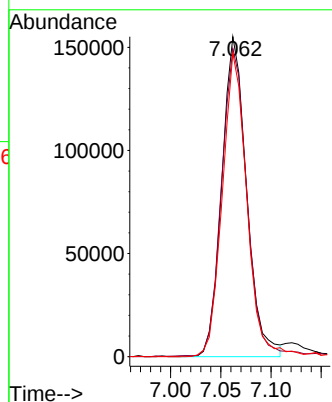
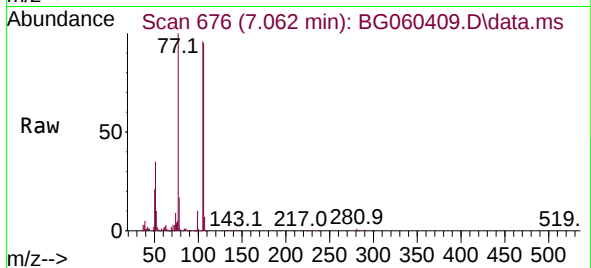




#9
Benzaldehyde
Concen: 35.094 ng
RT: 7.062 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

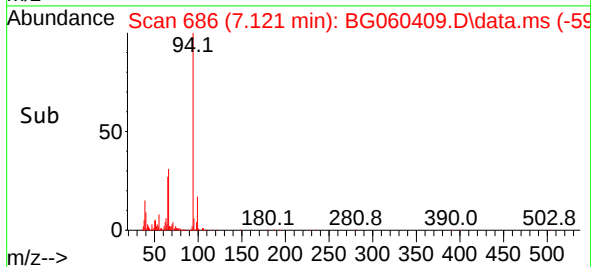
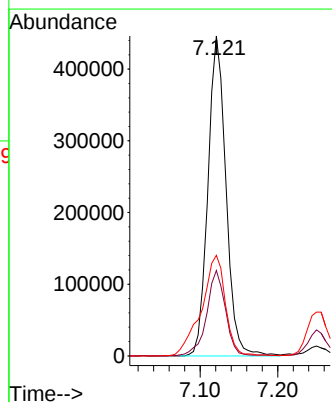
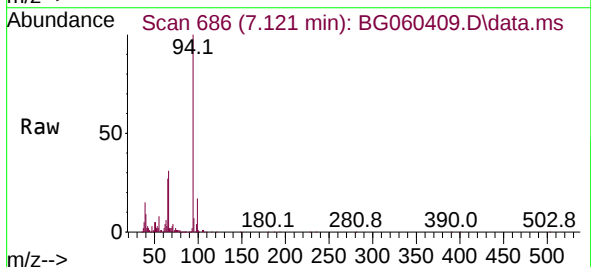
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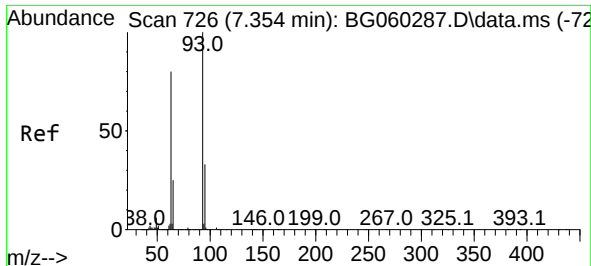
Tgt Ion: 77 Resp: 266363
Ion Ratio Lower Upper
77 100
105 96.3 73.6 113.6
106 94.8 66.2 106.2



#10
Phenol
Concen: 54.380 ng
RT: 7.121 min Scan# 686
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion: 94 Resp: 720958
Ion Ratio Lower Upper
94 100
65 26.7 6.7 46.7
66 31.4 10.6 50.6

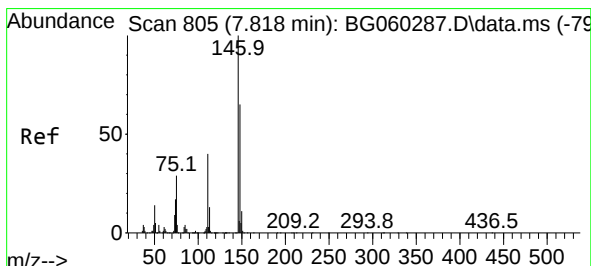
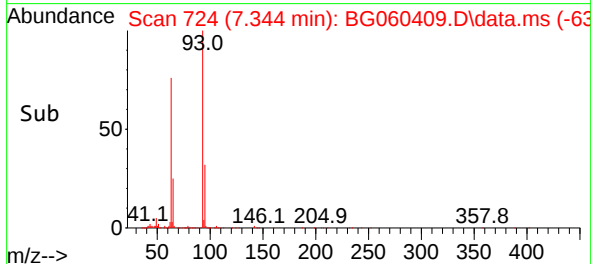
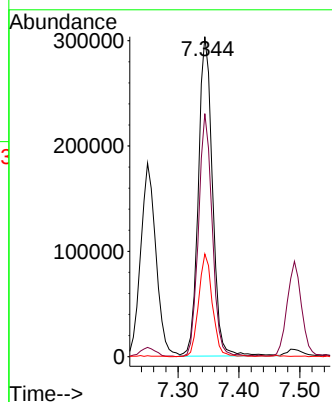
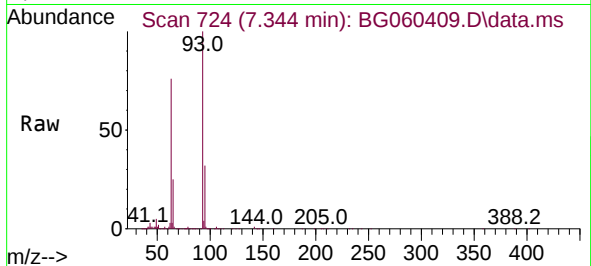




#11
bis(2-Chloroethyl)ether
Concen: 45.218 ng
RT: 7.344 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

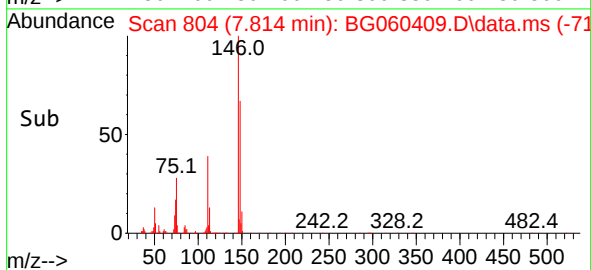
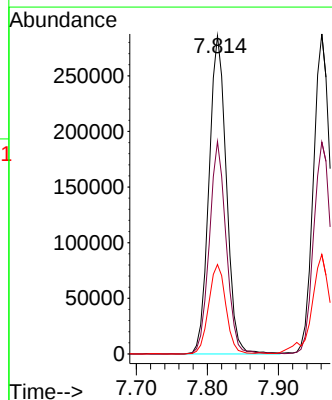
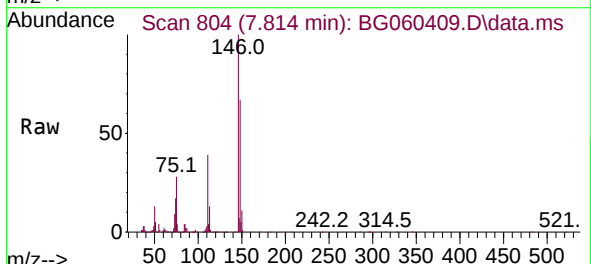
Instrument :
BNA_G
ClientSampleId :
222177MSD

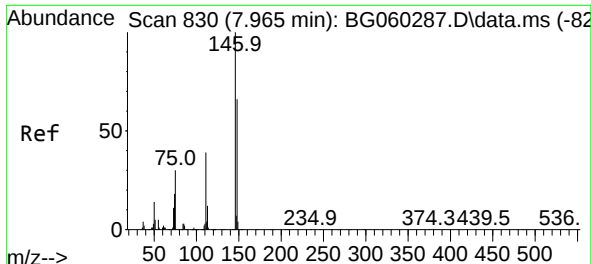
Tgt Ion: 93 Resp: 488507
Ion Ratio Lower Upper
93 100
63 75.9 59.3 99.3
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.725 ng
RT: 7.814 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion: 146 Resp: 485711
Ion Ratio Lower Upper
146 100
148 66.8 52.3 78.5
75 28.1 22.9 34.3

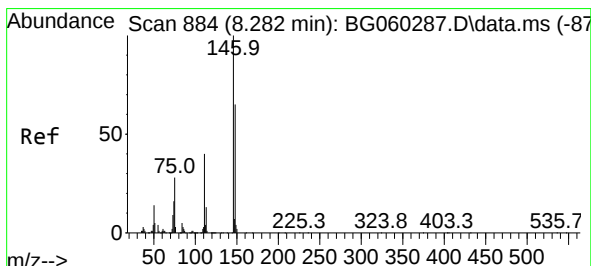
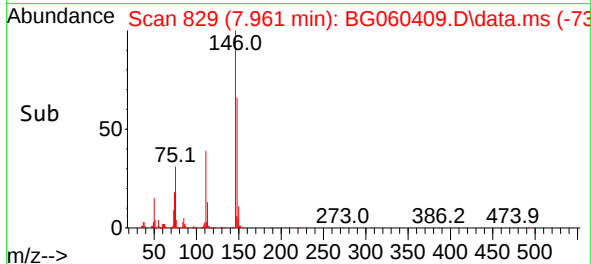
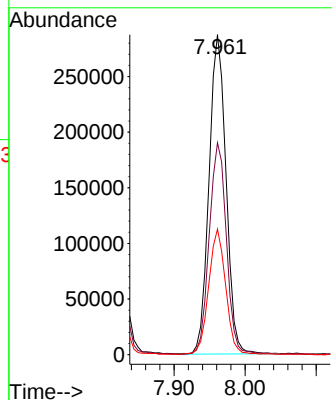
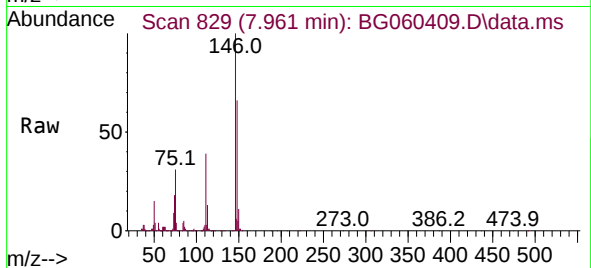




#13
1,4-Dichlorobenzene
Concen: 42.428 ng
RT: 7.961 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

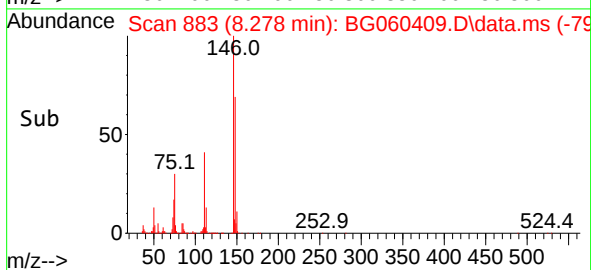
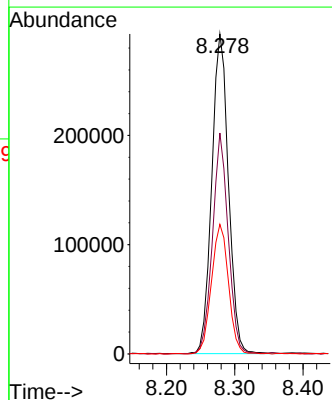
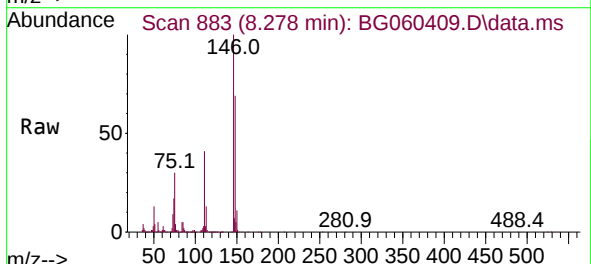
Instrument :
BNA_G
ClientSampleId :
222177MSD

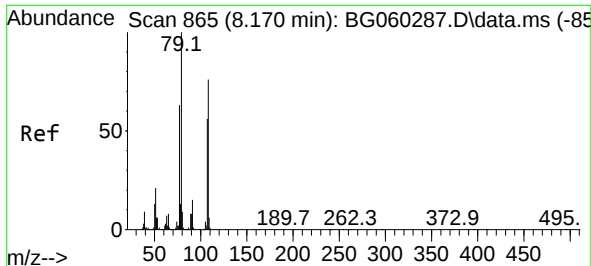
Tgt Ion:146 Resp: 478189
Ion Ratio Lower Upper
146 100
148 66.2 52.7 79.1
111 39.2 31.4 47.0



#14
1,2-Dichlorobenzene
Concen: 42.909 ng
RT: 8.278 min Scan# 883
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:146 Resp: 497289
Ion Ratio Lower Upper
146 100
148 69.0 51.8 77.8
111 40.5 32.6 48.8

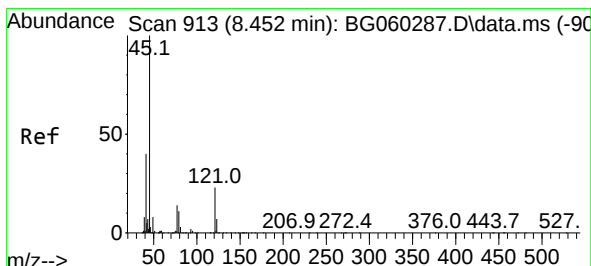
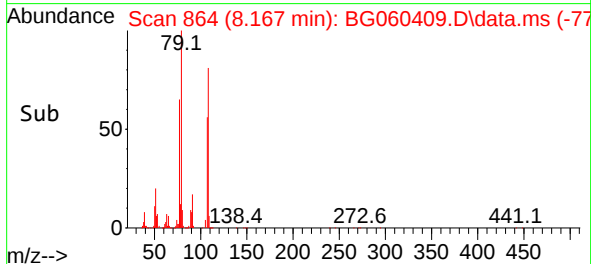
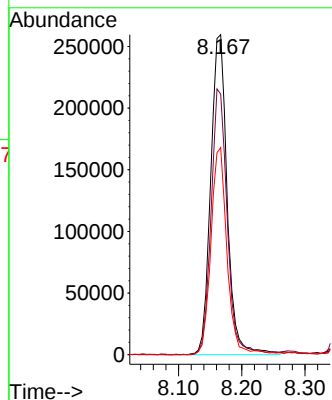
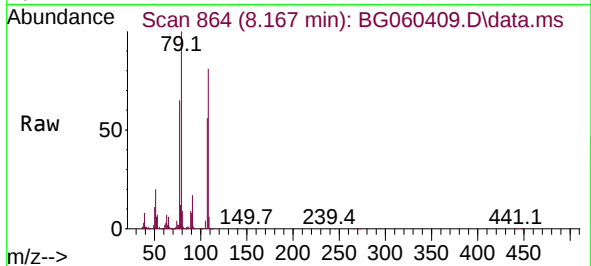




#15
Benzyl Alcohol
Concen: 54.961 ng
RT: 8.167 min Scan# 864
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

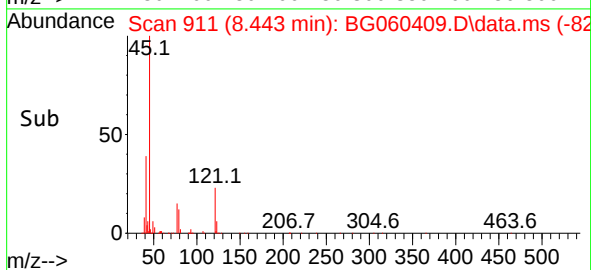
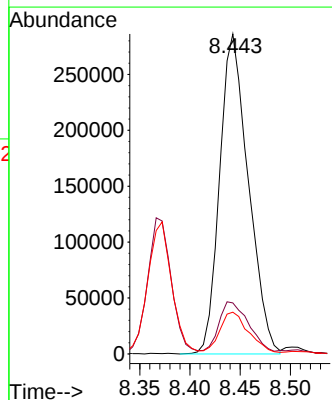
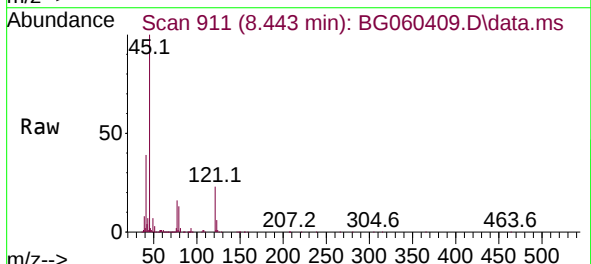
Instrument :
BNA_G
ClientSampleId :
222177MSD

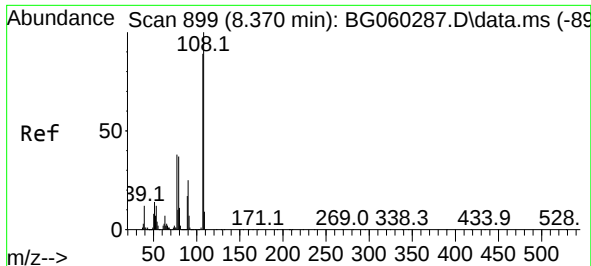
Tgt Ion: 79 Resp: 470440
Ion Ratio Lower Upper
79 100
108 81.4 61.2 91.8
77 64.7 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.360 ng
RT: 8.443 min Scan# 911
Delta R.T. -0.010 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion: 45 Resp: 568549
Ion Ratio Lower Upper
45 100
77 15.9 0.0 37.3
79 13.0 0.0 34.0

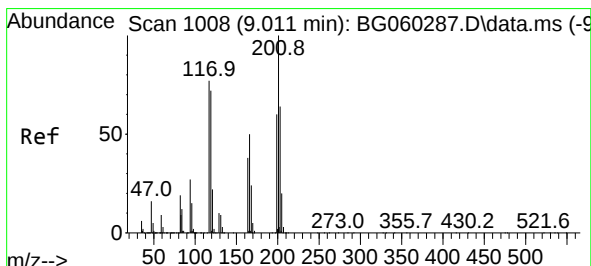
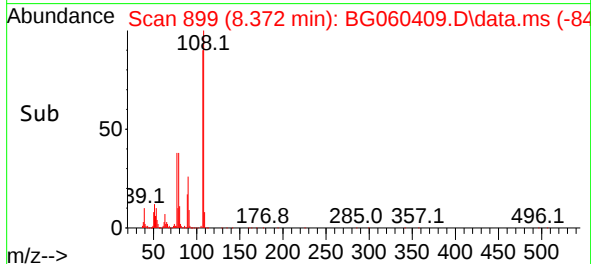
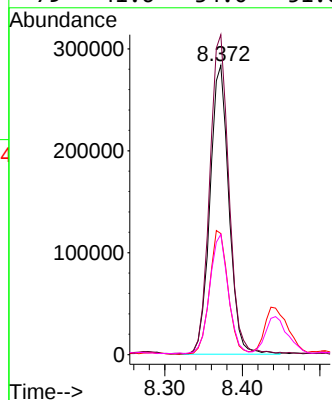
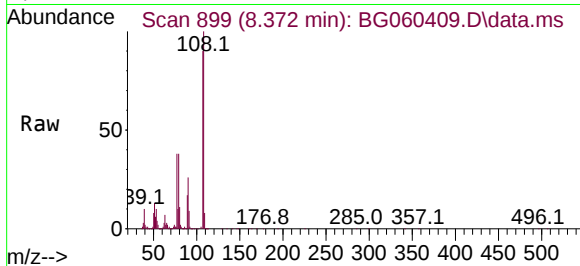




#17
2-Methylphenol
Concen: 52.779 ng
RT: 8.372 min Scan# 899
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

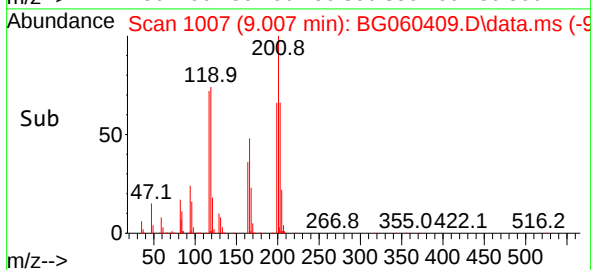
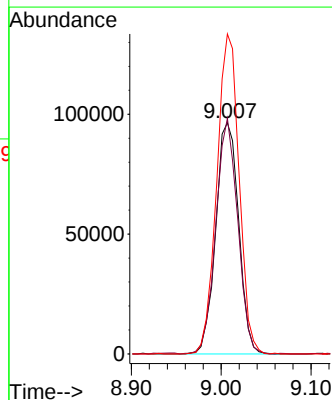
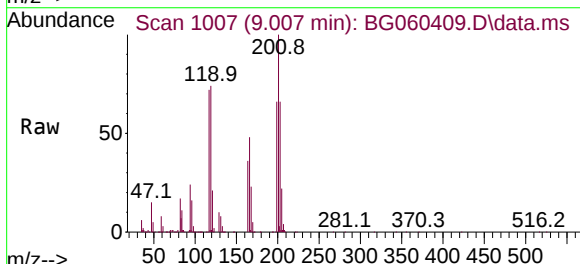
Instrument :
BNA_G
ClientSampleId :
222177MSD

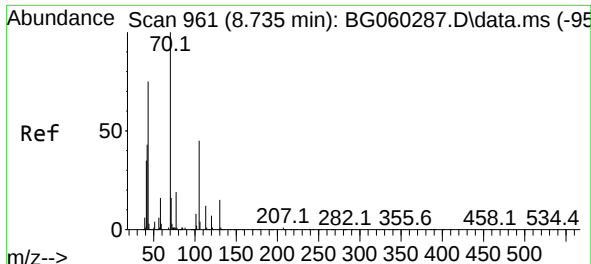
Tgt Ion:	107	Resp:	480613
Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.5	135.7
77	41.9	35.0	52.6
79	41.6	34.0	51.0



#18
Hexachloroethane
Concen: 43.295 ng
RT: 9.007 min Scan# 1007
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:	117	Resp:	171088
Ion	Ratio	Lower	Upper
117	100		
119	101.9	74.5	111.7
201	138.5	106.3	159.5





#19

n-Nitroso-di-n-propylamine

Concen: 46.347 ng

RT: 8.725 min Scan# 91

Delta R.T. -0.010 min

Lab File: BG060409.D

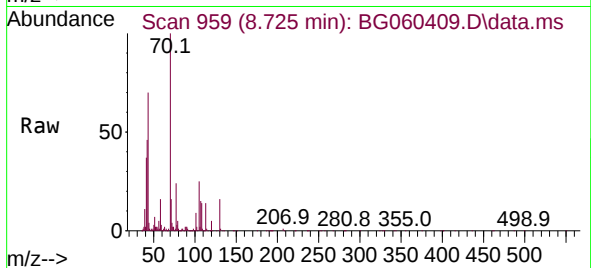
Acq: 23 Jan 2024 18:38

Instrument :

BNA_G

ClientSampleId :

222177MSD



Tgt Ion: 70 Resp: 424162

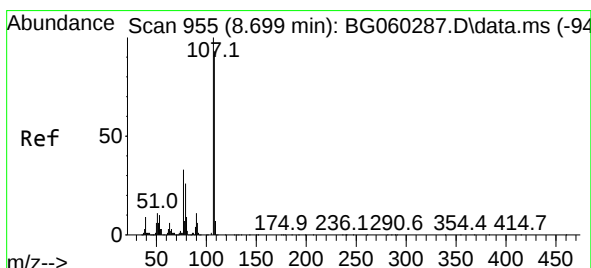
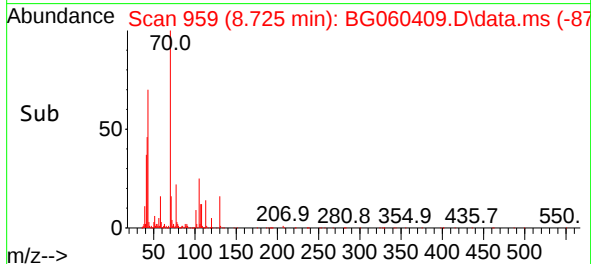
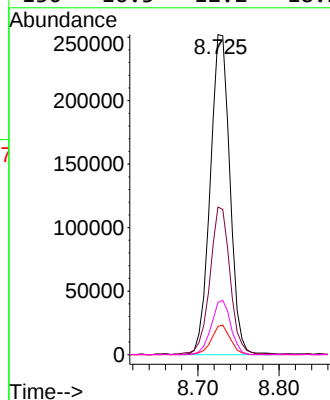
Ion Ratio Lower Upper

70 100

42 46.1 34.3 51.5

101 8.8 6.2 9.2

130 16.3 12.2 18.2



#20

3+4-Methylphenols

Concen: 54.911 ng

RT: 8.695 min Scan# 954

Delta R.T. -0.004 min

Lab File: BG060409.D

Acq: 23 Jan 2024 18:38

Tgt Ion: 107 Resp: 674185

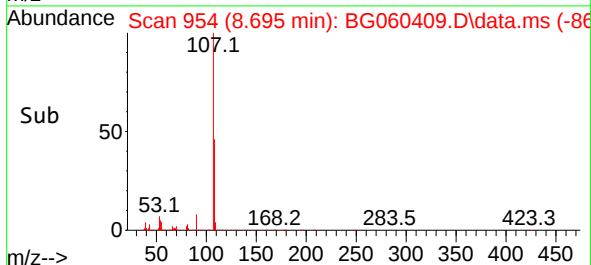
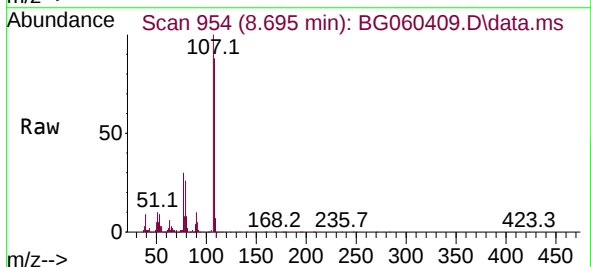
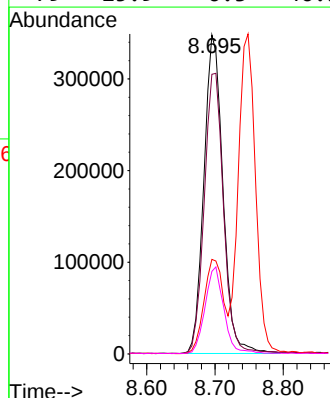
Ion Ratio Lower Upper

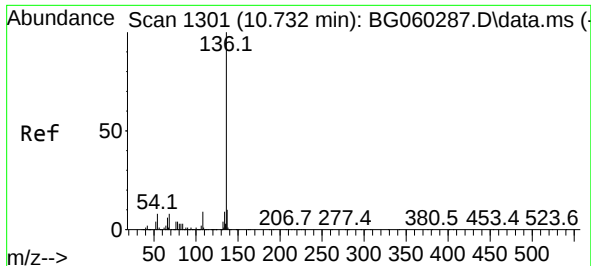
107 100

108 87.7 72.5 112.5

77 29.6 13.0 53.0

79 25.9 6.3 46.3

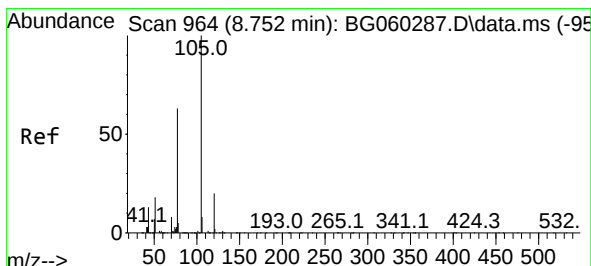
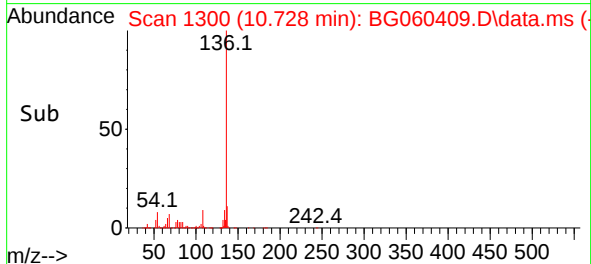
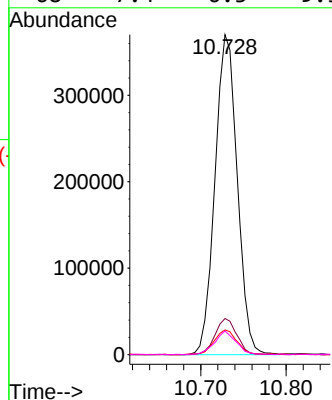
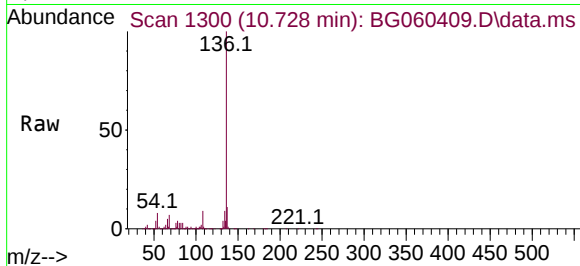




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1301
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

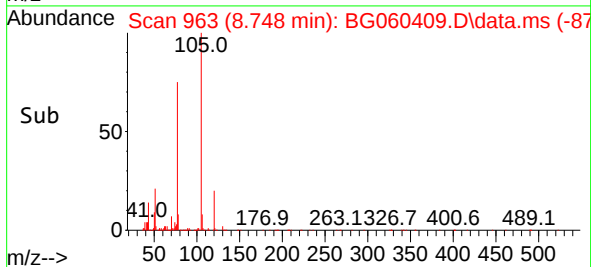
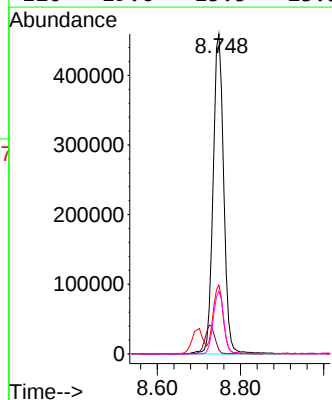
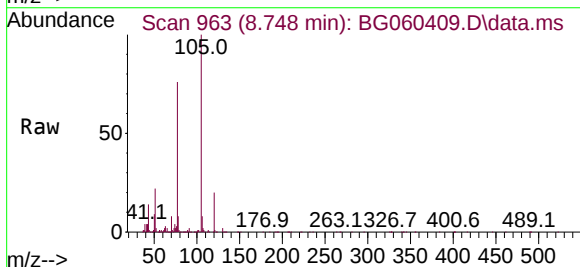
Instrument :
BNA_G
ClientSampleId :
222177MSD

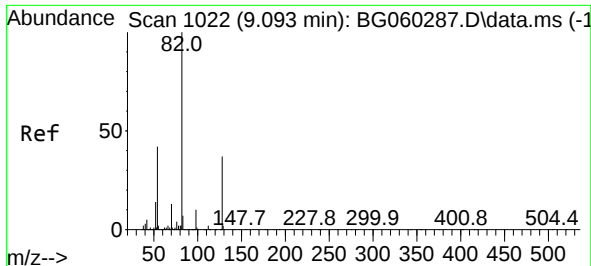
Tgt Ion:136	Resp: 671508
Ion Ratio	Lower Upper
136 100	
137 11.3	8.2 12.4
54 7.7	6.2 9.2
68 7.4	6.3 9.5



#22
Acetophenone
Concen: 44.073 ng
RT: 8.748 min Scan# 963
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:105	Resp: 813530
Ion Ratio	Lower Upper
105 100	
71 1.3	1.7 2.5#
51 21.5	18.2 27.2
120 19.6	15.5 23.3

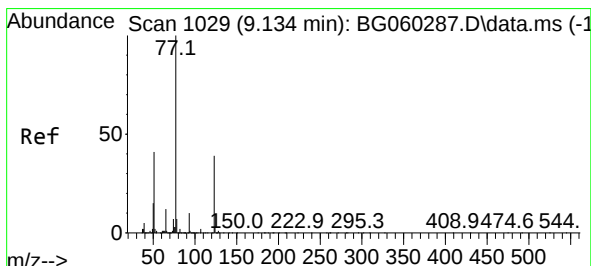
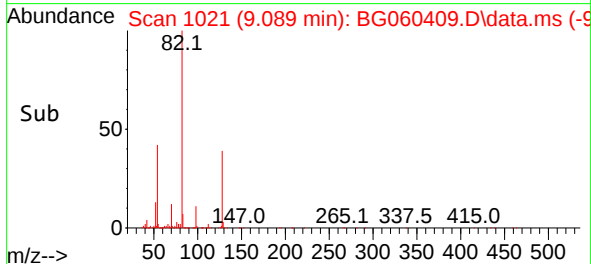
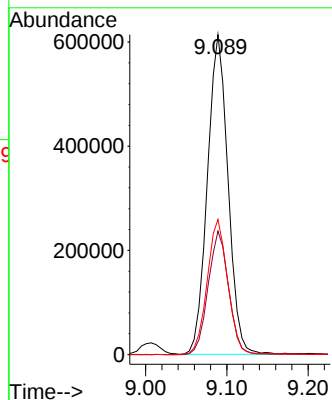
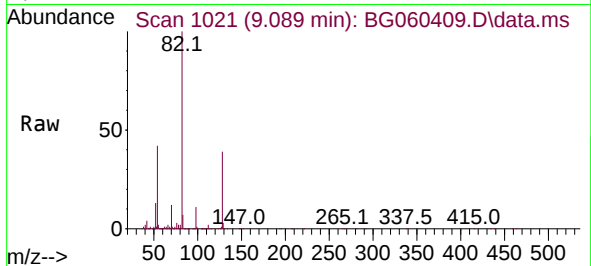




#23
Nitrobenzene-d5
Concen: 76.215 ng
RT: 9.089 min Scan# 1021
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

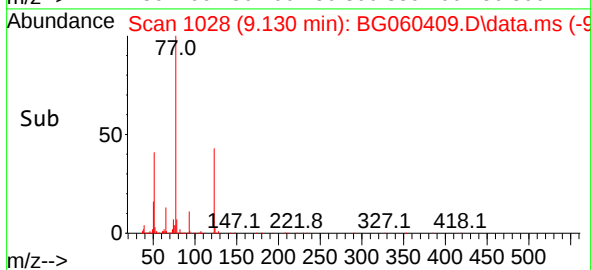
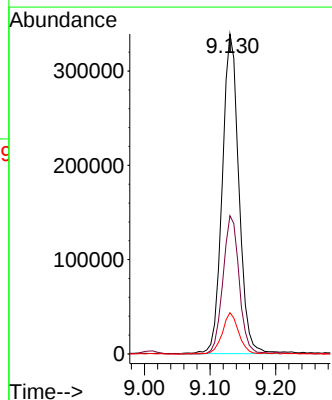
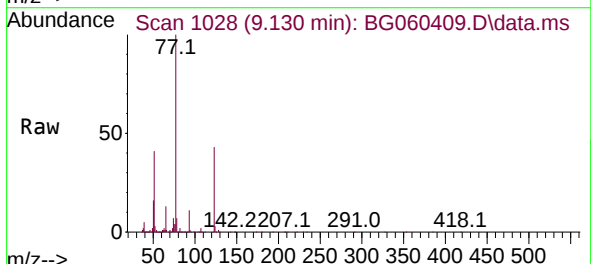
Instrument :
BNA_G
ClientSampleId :
222177MSD

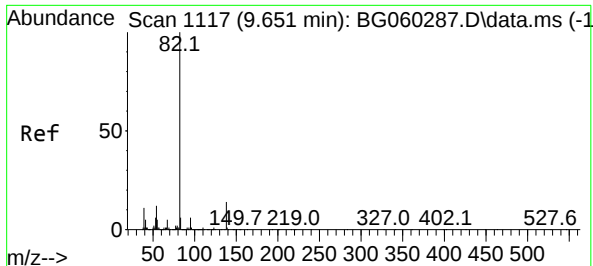
Tgt Ion: 82 Resp: 1083836
Ion Ratio Lower Upper
82 100
128 38.6 29.6 44.4
54 42.2 33.6 50.4



#24
Nitrobenzene
Concen: 40.565 ng
RT: 9.130 min Scan# 1028
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion: 77 Resp: 598003
Ion Ratio Lower Upper
77 100
123 43.2 31.4 47.0
65 12.9 9.6 14.4

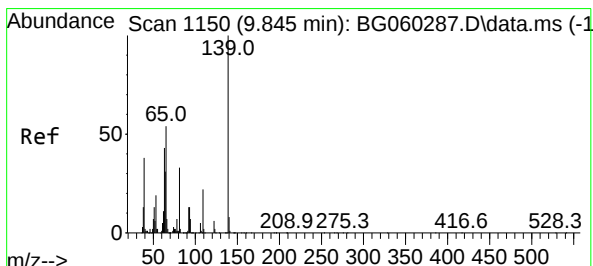
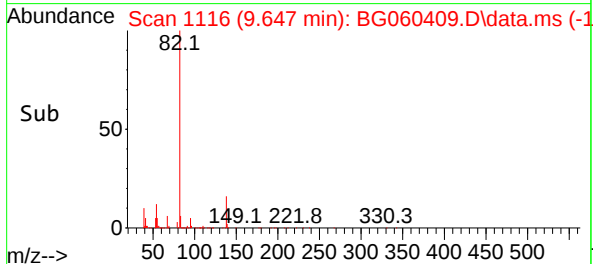
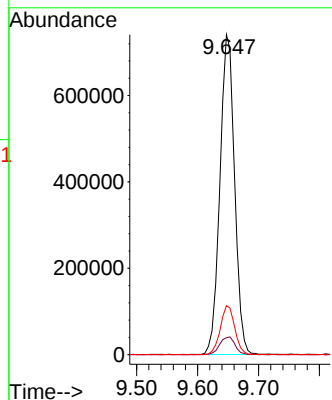
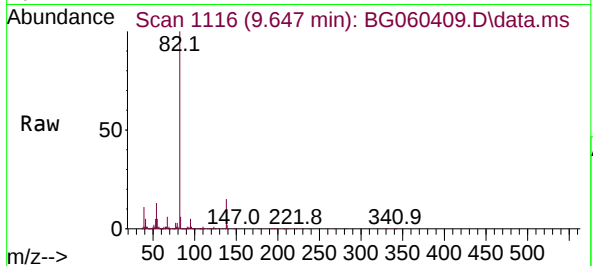




#25
Isophorone
Concen: 43.432 ng
RT: 9.647 min Scan# 1117
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

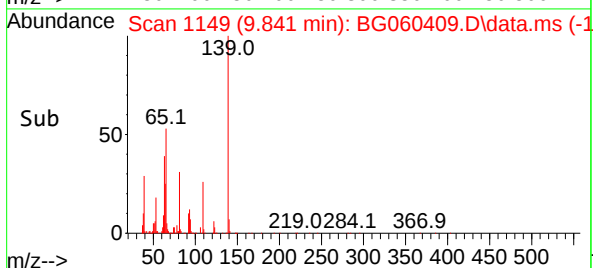
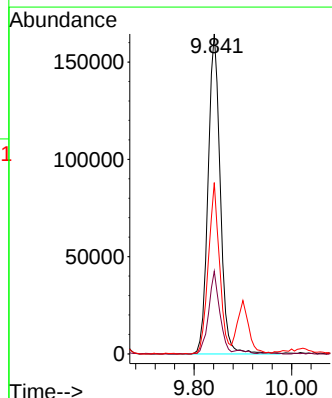
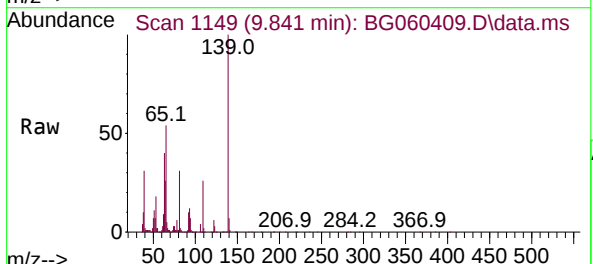
Instrument :
BNA_G
ClientSampleId :
222177MSD

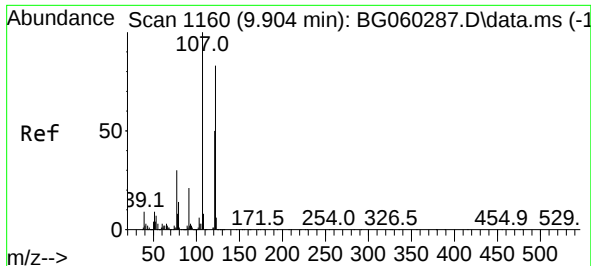
Tgt Ion: 82 Resp: 1240376
Ion Ratio Lower Upper
82 100
95 5.3 4.7 7.1
138 15.3 11.1 16.7



#26
2-Nitrophenol
Concen: 52.943 ng
RT: 9.841 min Scan# 1149
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:139 Resp: 286964
Ion Ratio Lower Upper
139 100
109 25.8 17.6 26.4
65 53.5 43.6 65.4

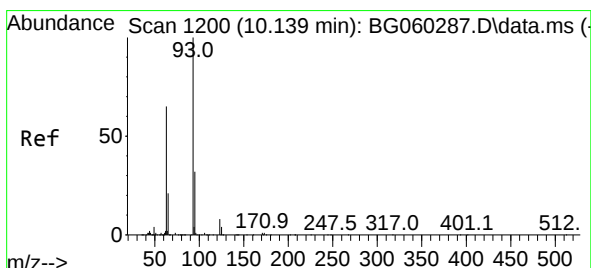
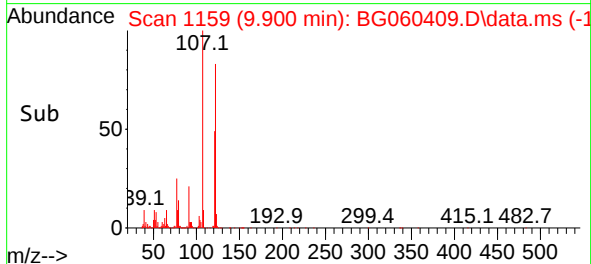
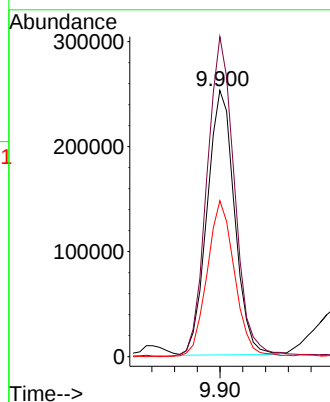
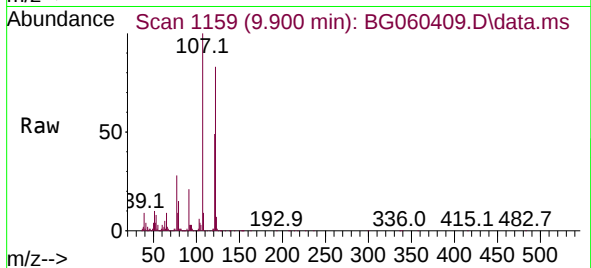




#27
2,4-Dimethylphenol
Concen: 58.837 ng
RT: 9.900 min Scan# 1160
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

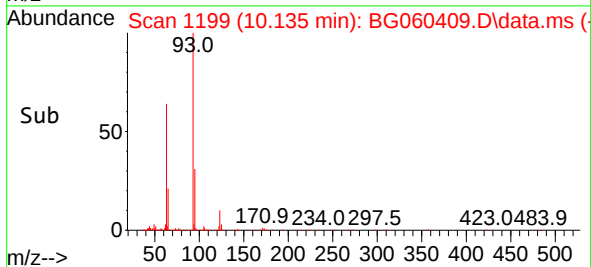
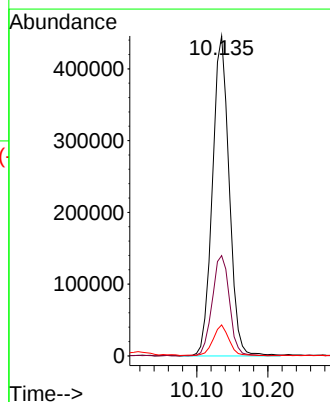
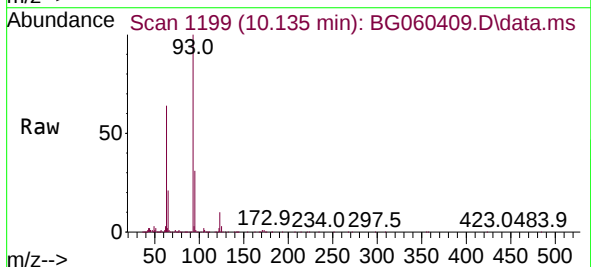
Instrument :
BNA_G
ClientSampleId :
222177MSD

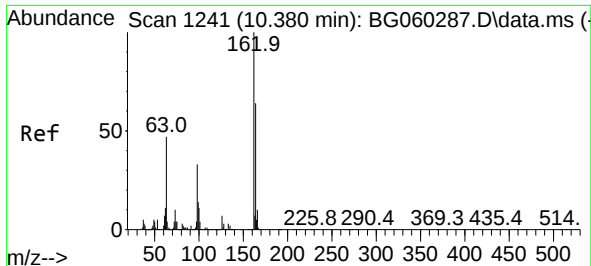
Tgt Ion:122 Resp: 421402
Ion Ratio Lower Upper
122 100
107 120.2 95.4 143.0
121 58.6 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 41.801 ng
RT: 10.135 min Scan# 1199
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion: 93 Resp: 729402
Ion Ratio Lower Upper
93 100
95 31.3 25.4 38.0
123 9.7 6.7 10.1





#29

2,4-Dichlorophenol

Concen: 53.259 ng

RT: 10.376 min Scan# 1240

Delta R.T. -0.004 min

Lab File: BG060409.D

Acq: 23 Jan 2024 18:38

Instrument :

BNA_G

ClientSampleId :

222177MSD

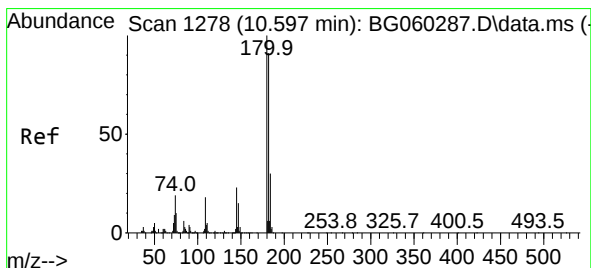
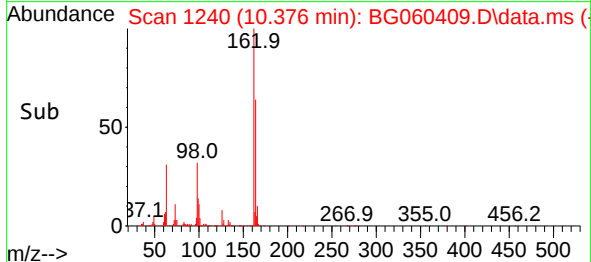
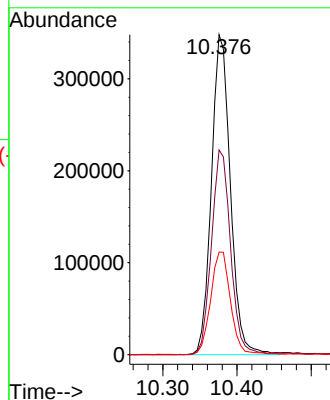
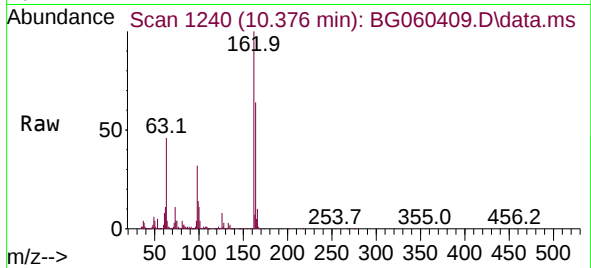
Tgt Ion:162 Resp: 618137

Ion Ratio Lower Upper

162 100

164 63.9 44.3 84.3

98 32.0 13.4 53.4



#30

1,2,4-Trichlorobenzene

Concen: 43.158 ng

RT: 10.593 min Scan# 1277

Delta R.T. -0.004 min

Lab File: BG060409.D

Acq: 23 Jan 2024 18:38

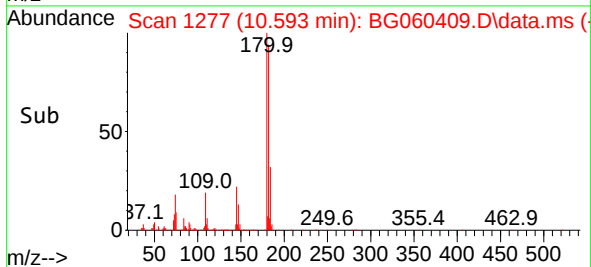
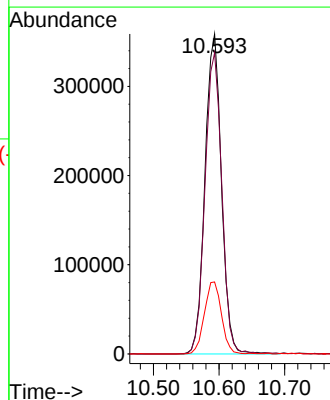
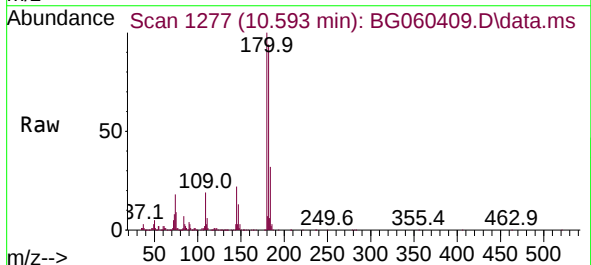
Tgt Ion:180 Resp: 623174

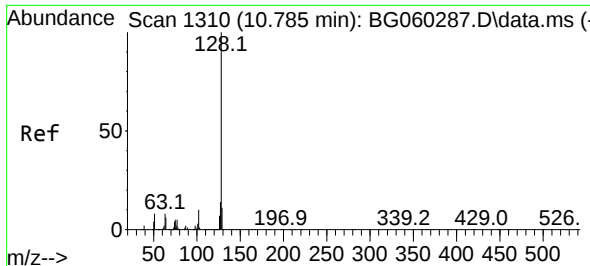
Ion Ratio Lower Upper

180 100

182 94.1 72.7 109.1

145 22.5 18.2 27.2

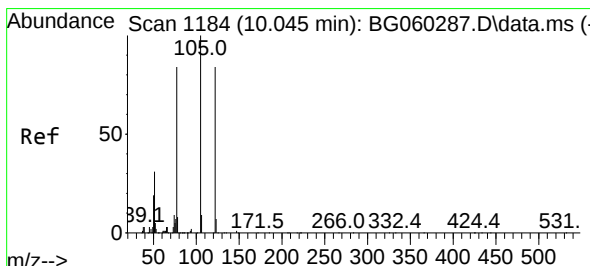
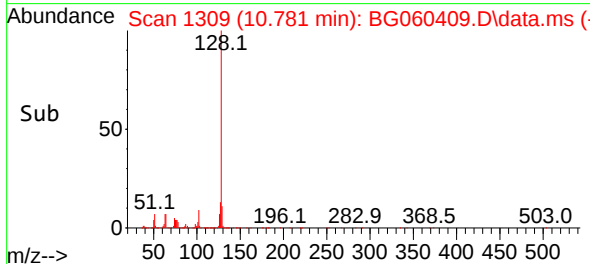
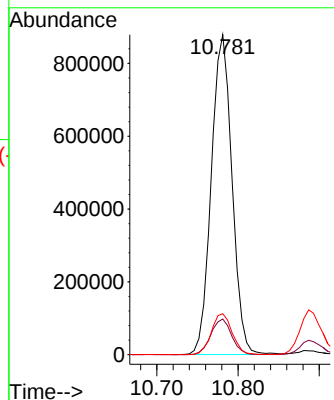
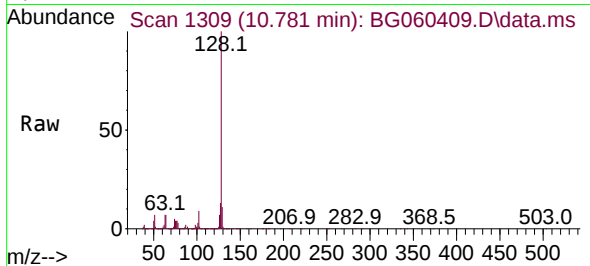




#31
Naphthalene
Concen: 44.265 ng
RT: 10.781 min Scan# 1310
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

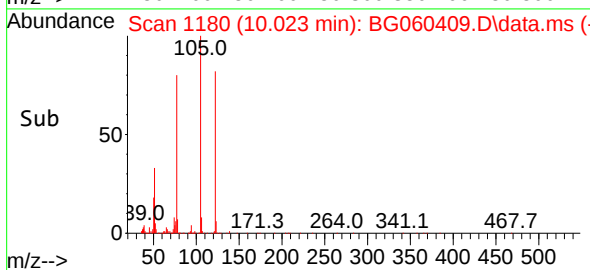
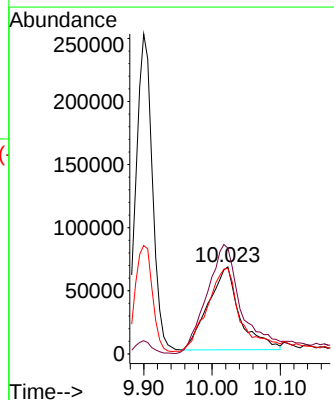
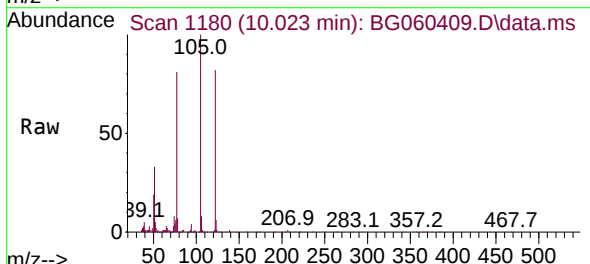
Instrument :
BNA_G
ClientSampleId :
222177MSD

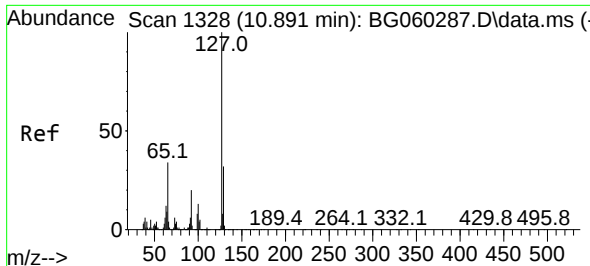
Tgt Ion:128 Resp: 1558109
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.8 10.9 16.3



#32
Benzoic acid
Concen: 36.505 ng
RT: 10.023 min Scan# 1180
Delta R.T. -0.022 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:122 Resp: 211273
Ion Ratio Lower Upper
122 100
105 121.6 96.0 136.0
77 98.3 80.1 120.1

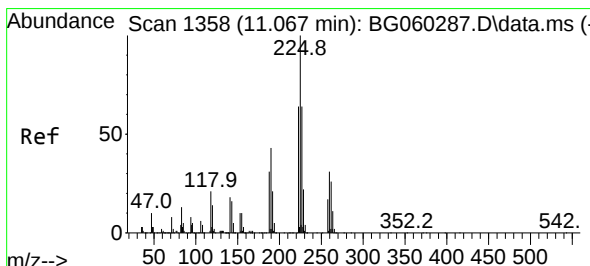
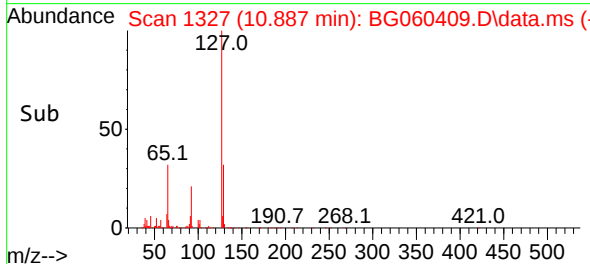
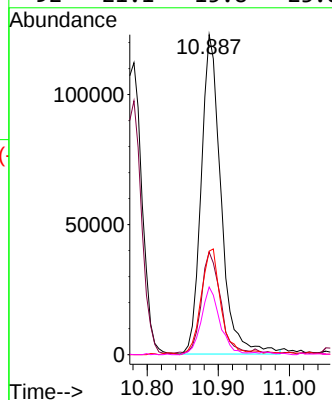
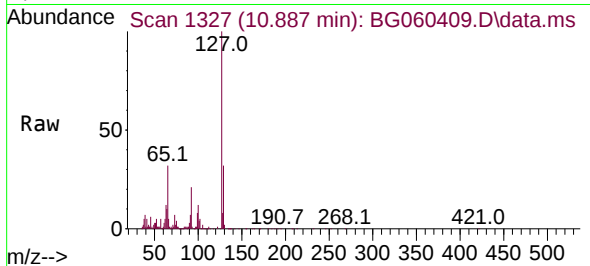




#33
4-Chloroaniline
Concen: 17.535 ng
RT: 10.887 min Scan# 1327
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

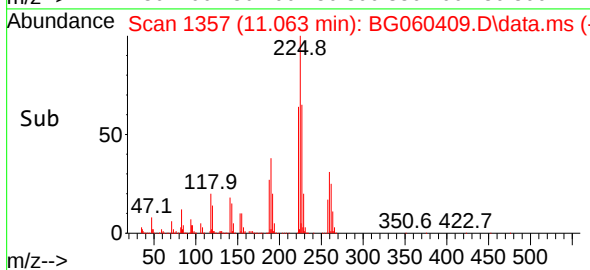
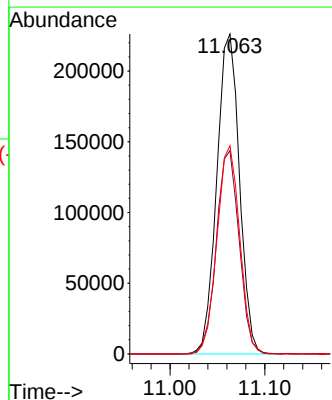
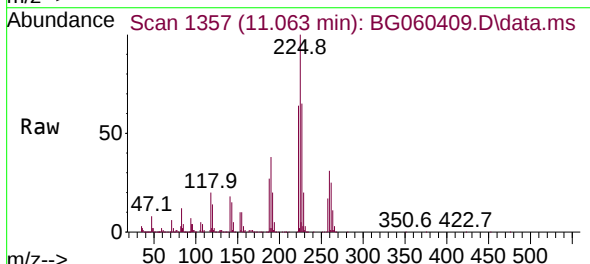
Instrument :
BNA_G
ClientSampleId :
222177MSD

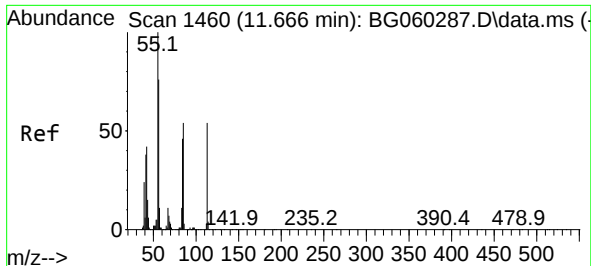
Tgt Ion:	127	Resp:	237830
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	32.3	27.5	41.3
92	21.1	15.8	23.8



#34
Hexachlorobutadiene
Concen: 39.932 ng
RT: 11.063 min Scan# 1357
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:	225	Resp:	375609
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.7	73.1
227	65.0	48.7	73.1

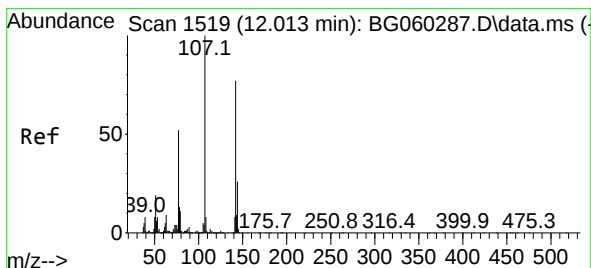
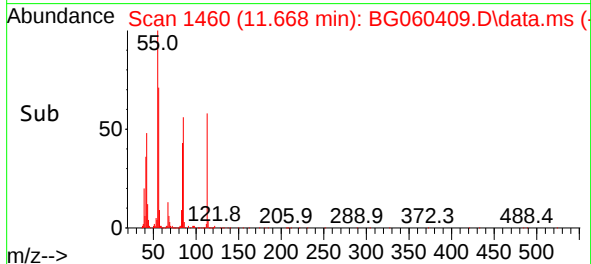
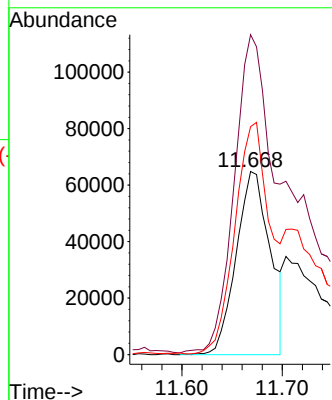
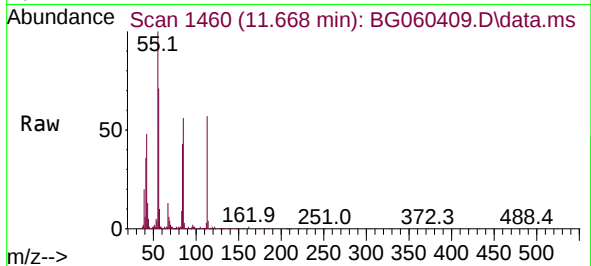




#35
Caprolactam
Concen: 40.712 ng
RT: 11.668 min Scan# 14
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

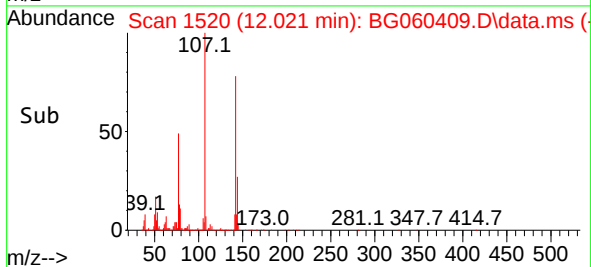
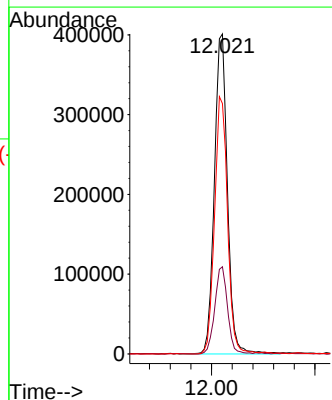
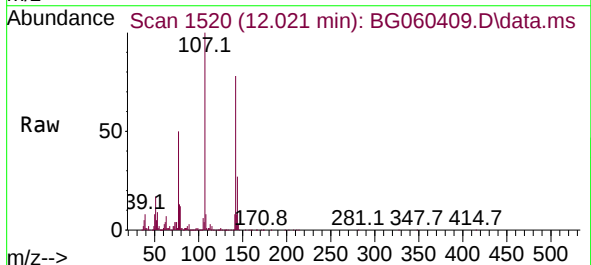
Instrument :
BNA_G
ClientSampleId :
222177MSD

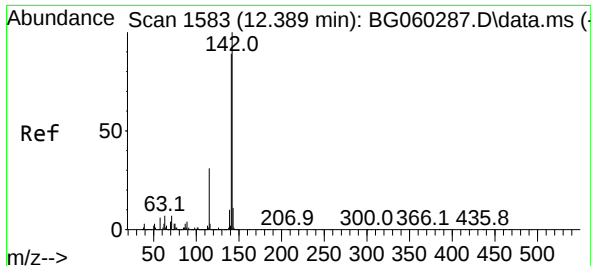
Tgt Ion:113 Resp: 152191
Ion Ratio Lower Upper
113 100
55 174.8 166.4 206.4
56 124.5 121.0 161.0



#36
4-Chloro-3-methylphenol
Concen: 59.537 ng
RT: 12.021 min Scan# 1520
Delta R.T. 0.008 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:107 Resp: 701995
Ion Ratio Lower Upper
107 100
144 27.2 20.6 31.0
142 78.2 61.5 92.3

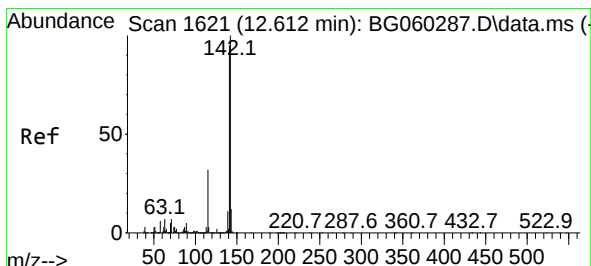
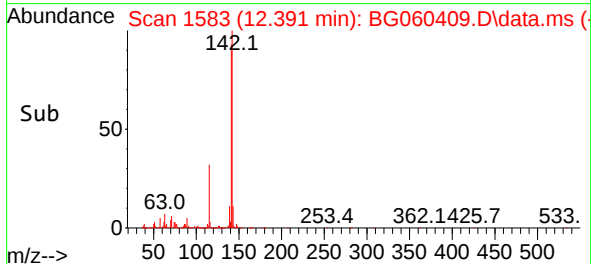
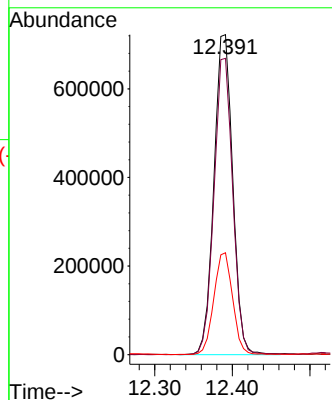
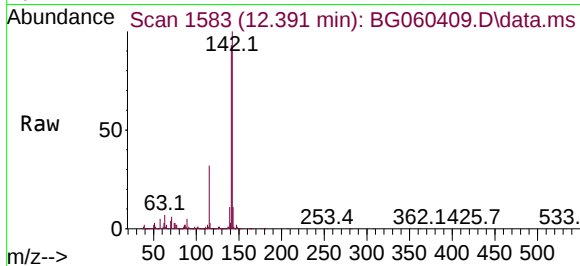




#37
2-Methylnaphthalene
Concen: 46.569 ng
RT: 12.391 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

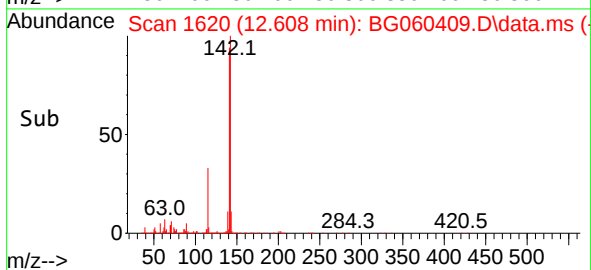
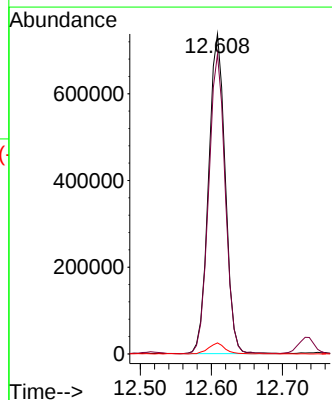
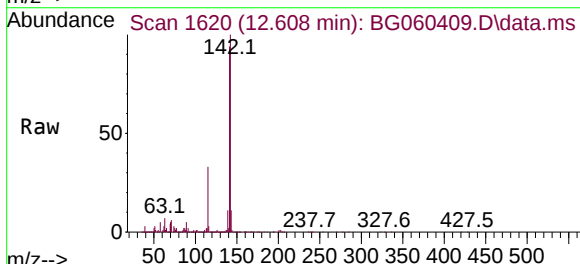
Instrument :
BNA_G
ClientSampleId :
222177MSD

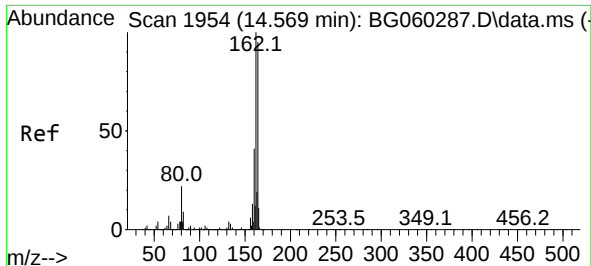
Tgt Ion:142 Resp: 1215745
Ion Ratio Lower Upper
142 100
141 92.6 71.0 106.4
115 31.8 24.7 37.1



#38
1-Methylnaphthalene
Concen: 45.617 ng
RT: 12.608 min Scan# 1620
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:142 Resp: 1195851
Ion Ratio Lower Upper
142 100
141 93.7 76.2 114.2
116 3.4 2.6 3.8

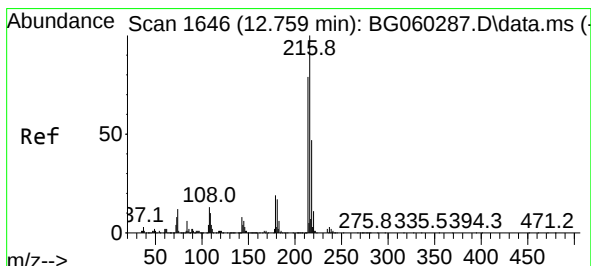
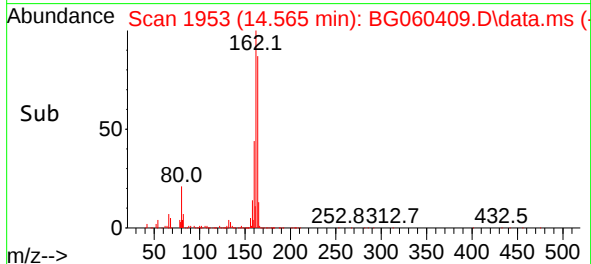
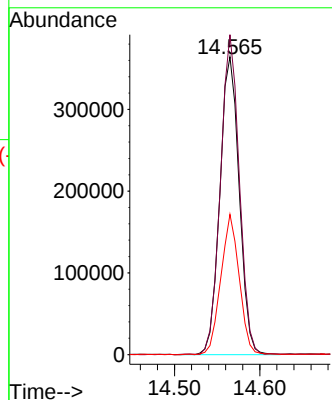
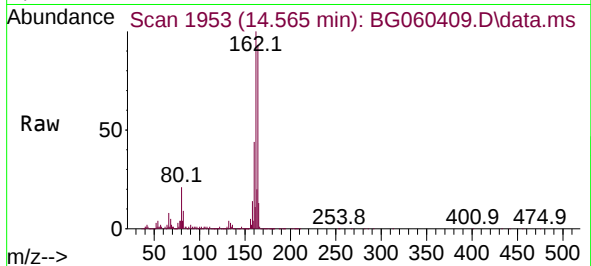




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

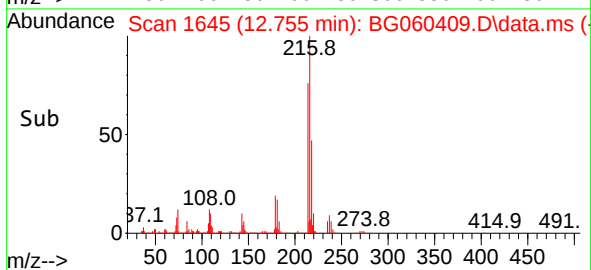
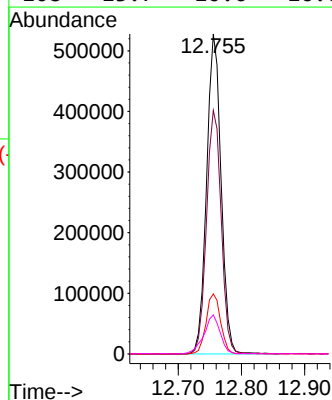
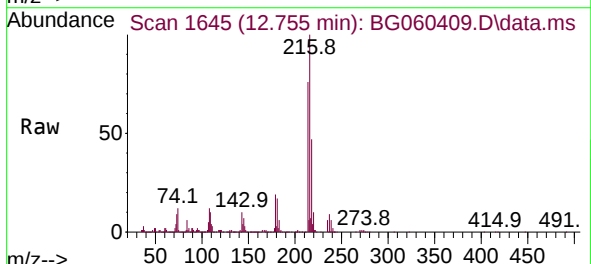
Instrument :
BNA_G
ClientSampleId :
222177MSD

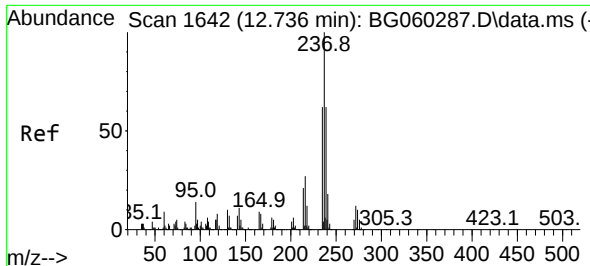
Tgt Ion:164 Resp: 573563
Ion Ratio Lower Upper
164 100
162 107.4 84.4 126.6
160 47.1 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.079 ng
RT: 12.755 min Scan# 1645
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:216 Resp: 836785
Ion Ratio Lower Upper
216 100
214 77.3 62.6 93.8
179 18.8 14.8 22.2
108 13.7 10.6 16.0

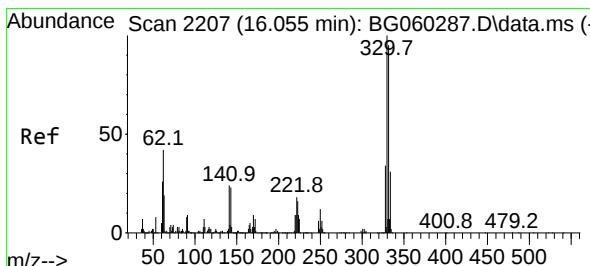
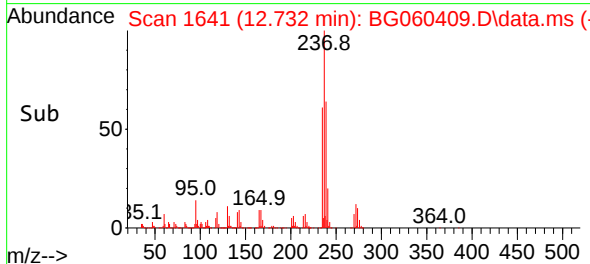
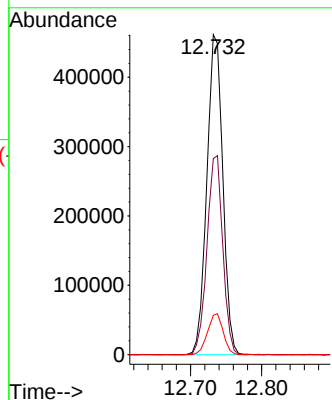
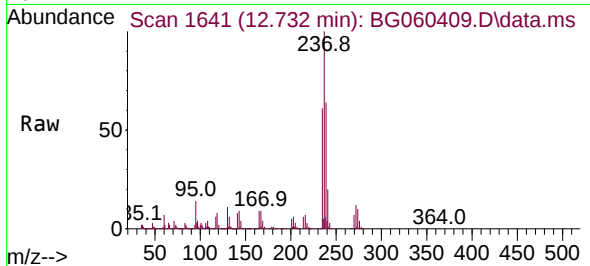




#41
Hexachlorocyclopentadiene
Concen: 105.963 ng
RT: 12.732 min Scan# 1642
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

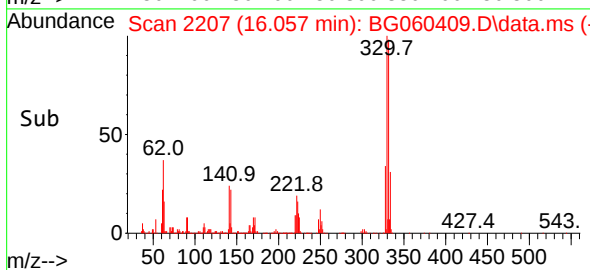
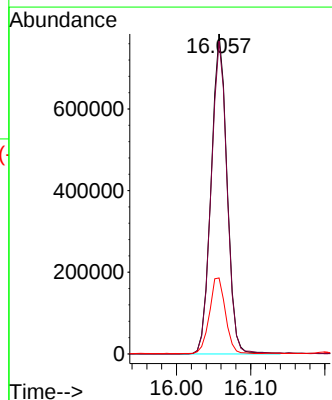
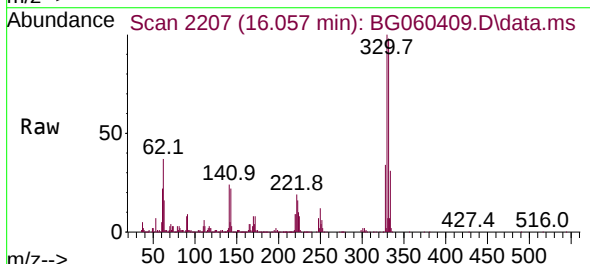
Instrument :
BNA_G
ClientSampleId :
222177MSD

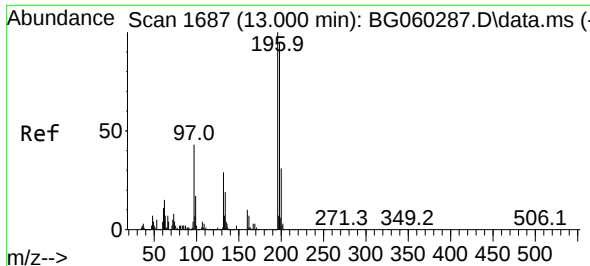
Tgt Ion:237 Resp: 716637
Ion Ratio Lower Upper
237 100
235 61.3 41.6 81.6
272 12.3 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 137.819 ng
RT: 16.057 min Scan# 2207
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:330 Resp: 1163021
Ion Ratio Lower Upper
330 100
332 97.8 76.7 115.1
141 23.9 18.6 28.0

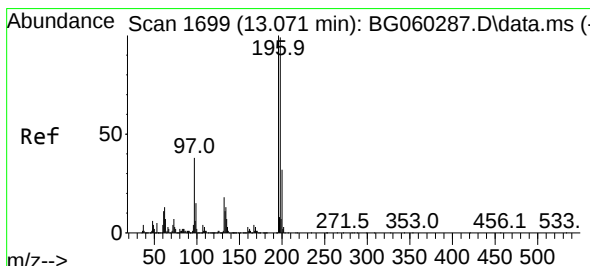
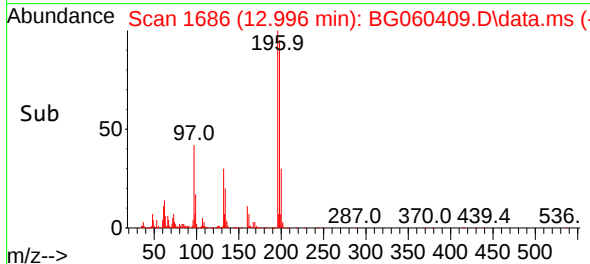
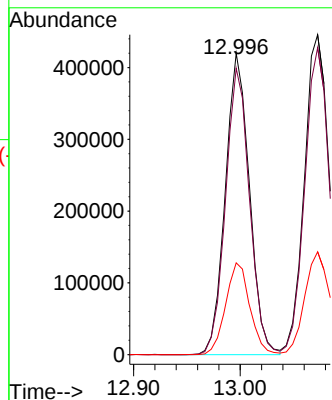
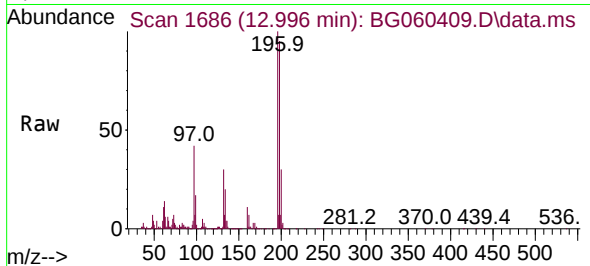




#43
2,4,6-Trichlorophenol
Concen: 50.893 ng
RT: 12.996 min Scan# 1686
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

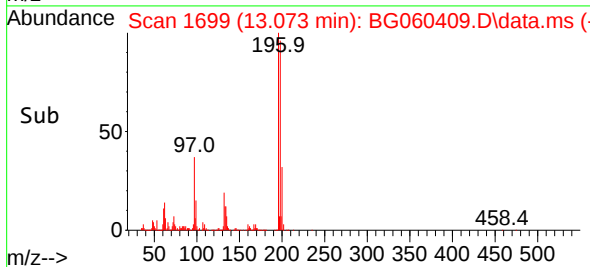
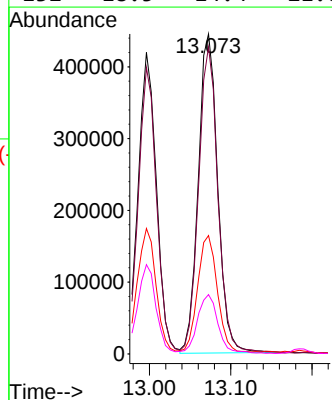
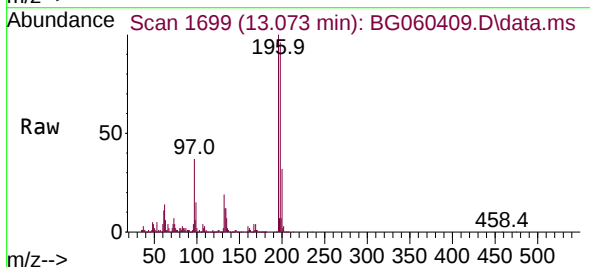
Instrument :
BNA_G
ClientSampleId :
222177MSD

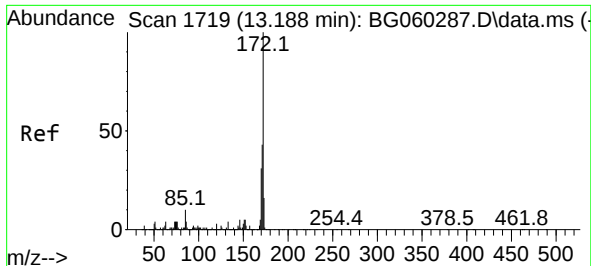
Tgt Ion:196 Resp: 659751
Ion Ratio Lower Upper
196 100
198 95.0 75.7 113.5
200 30.5 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 51.773 ng
RT: 13.073 min Scan# 1699
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:196 Resp: 740274
Ion Ratio Lower Upper
196 100
198 95.9 78.6 118.0
97 37.0 30.6 46.0
132 18.5 14.4 21.6

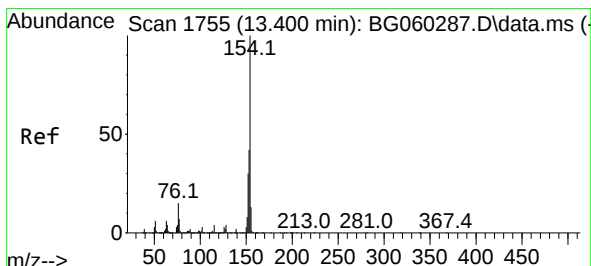
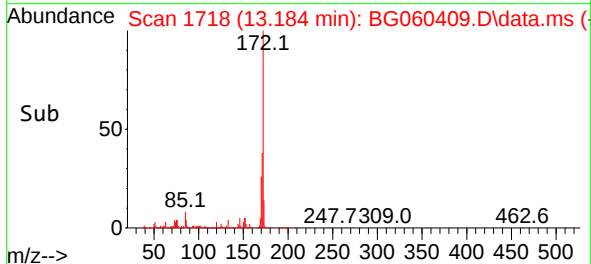
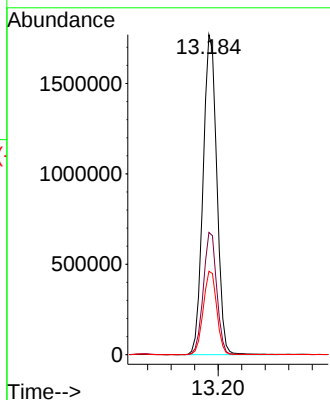
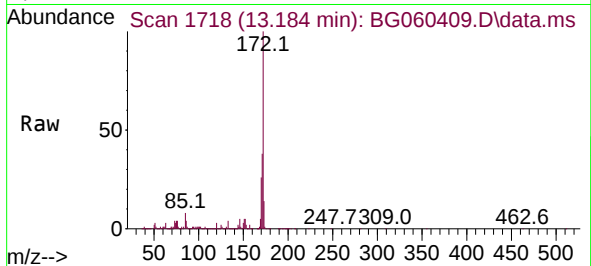




#45
2-Fluorobiphenyl
Concen: 69.626 ng
RT: 13.184 min Scan# 1719
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

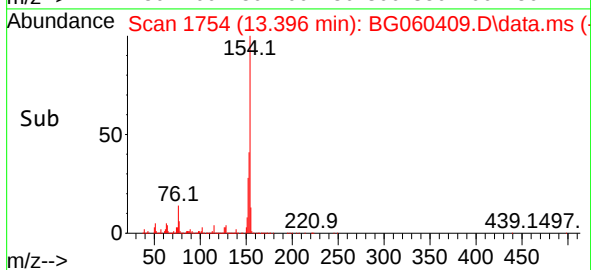
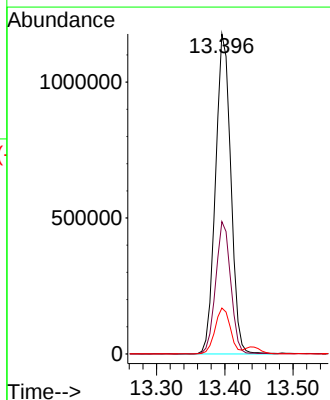
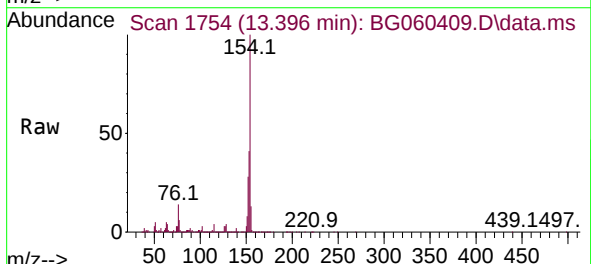
Instrument :
BNA_G
ClientSampleId :
222177MSD

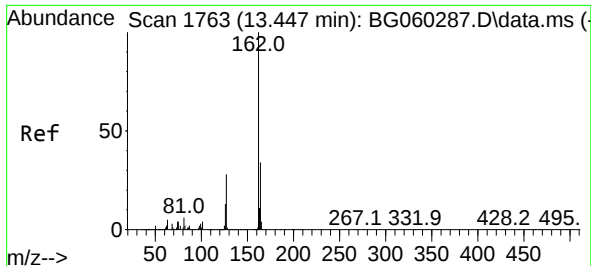
Tgt Ion:172 Resp: 2872351
Ion Ratio Lower Upper
172 100
171 38.2 34.6 51.8
170 26.0 24.4 36.6



#46
1,1'-Biphenyl
Concen: 42.147 ng
RT: 13.396 min Scan# 1754
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:154 Resp: 1824725
Ion Ratio Lower Upper
154 100
153 41.3 22.0 62.0
76 14.3 0.0 35.2

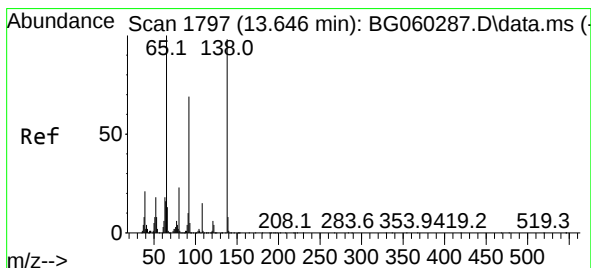
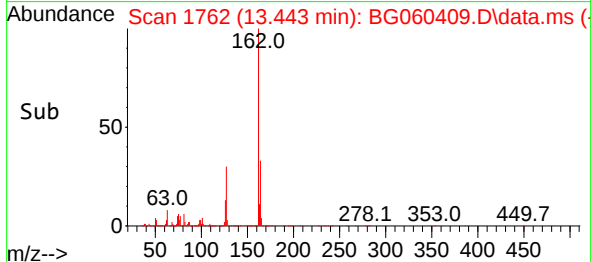
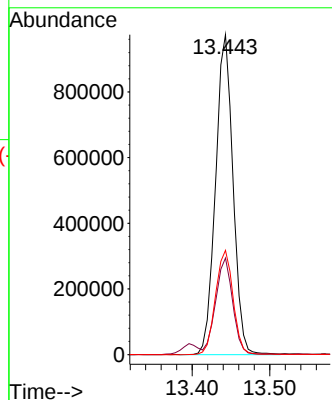
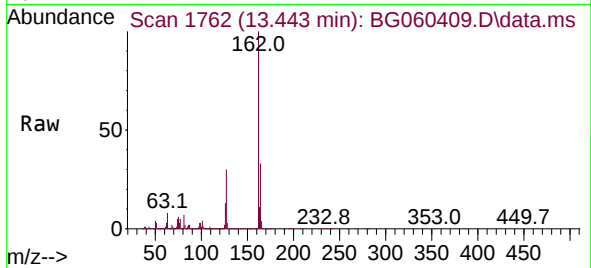




#47
2-Chloronaphthalene
Concen: 41.185 ng
RT: 13.443 min Scan# 1762
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

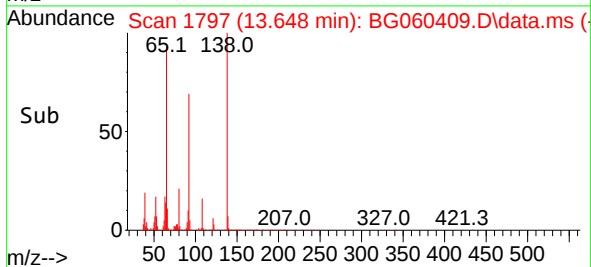
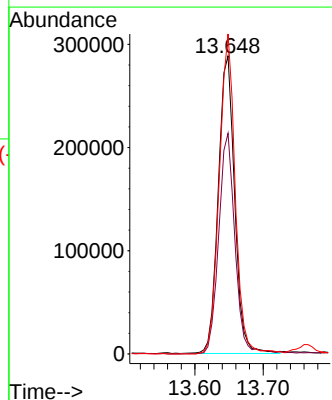
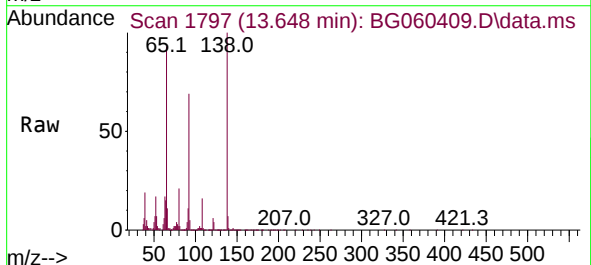
Instrument :
BNA_G
ClientSampleId :
222177MSD

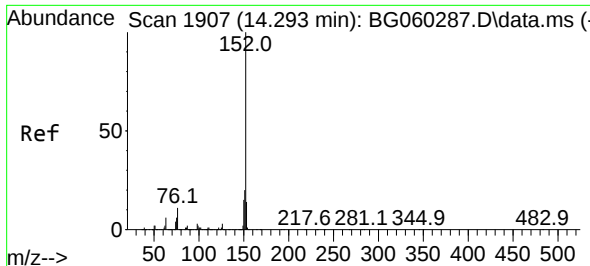
Tgt Ion:162 Resp: 1527561
Ion Ratio Lower Upper
162 100
127 30.2 23.5 35.3
164 32.6 26.9 40.3



#48
2-Nitroaniline
Concen: 51.754 ng
RT: 13.648 min Scan# 1797
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion: 65 Resp: 478047
Ion Ratio Lower Upper
65 100
92 74.0 55.0 82.6
138 107.4 78.1 117.1

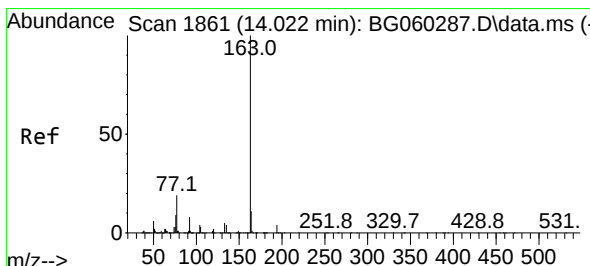
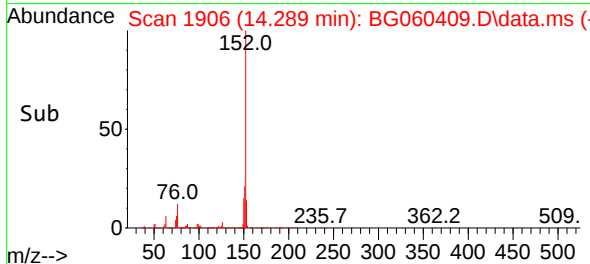
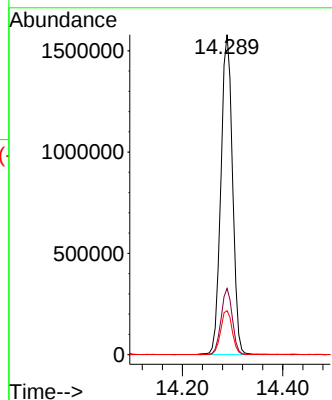
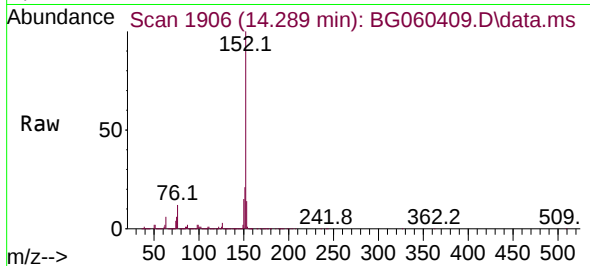




#49
Acenaphthylene
Concen: 49.688 ng
RT: 14.289 min Scan# 1906
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

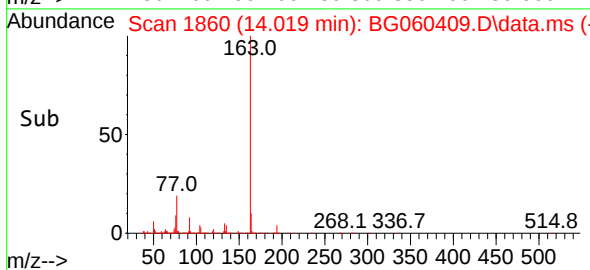
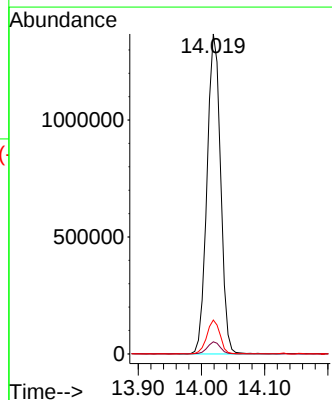
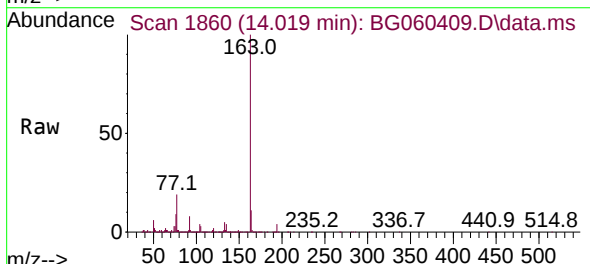
Instrument :
BNA_G
ClientSampleId :
222177MSD

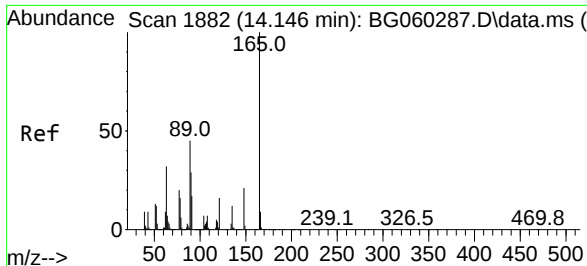
Tgt Ion:152 Resp: 2537842
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 13.8 11.5 17.3



#50
Dimethylphthalate
Concen: 46.458 ng
RT: 14.019 min Scan# 1860
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:163 Resp: 2036273
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.6 8.8 13.2

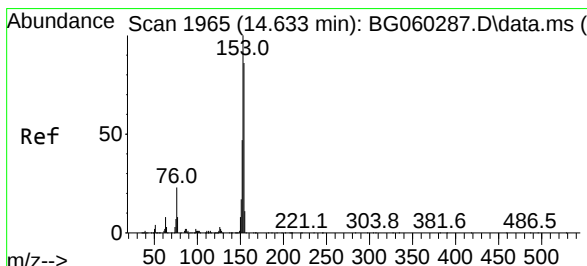
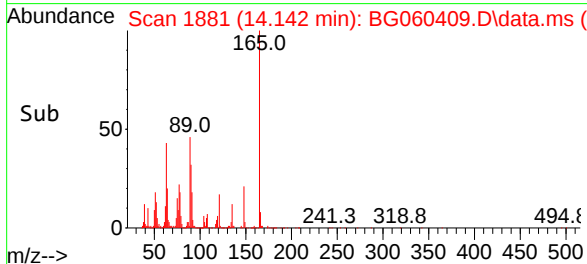
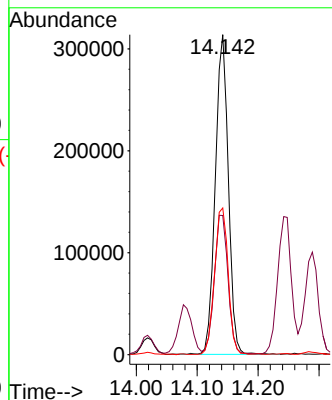
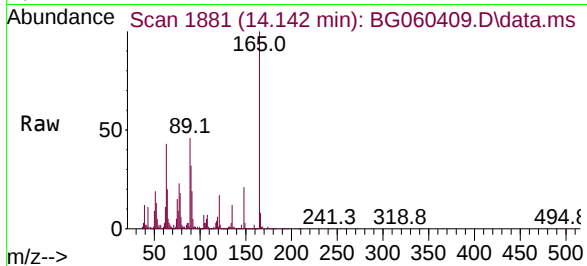




#51
2,6-Dinitrotoluene
Concen: 49.803 ng
RT: 14.142 min Scan# 1882
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

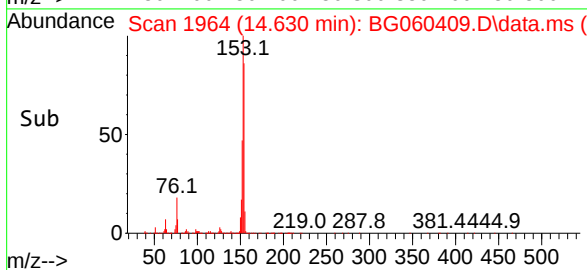
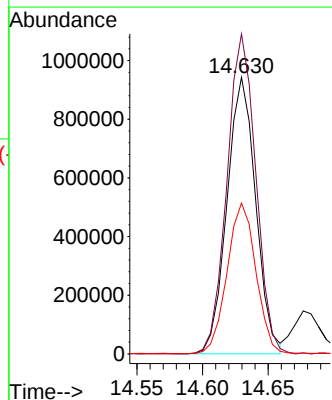
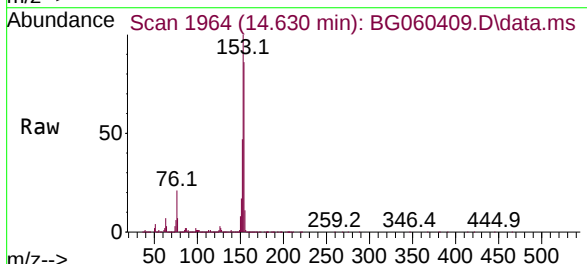
Instrument :
BNA_G
ClientSampleId :
222177MSD

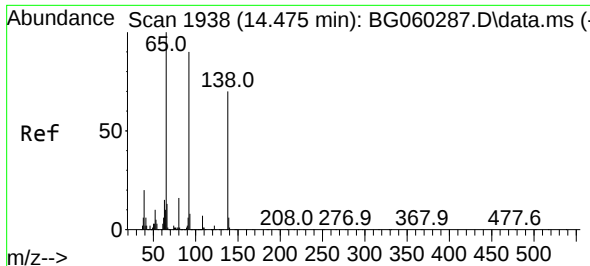
Tgt Ion:165 Resp: 465789
Ion Ratio Lower Upper
165 100
63 43.5 35.0 52.4
89 45.9 36.2 54.2



#52
Acenaphthene
Concen: 45.137 ng
RT: 14.630 min Scan# 1964
Delta R.T. -0.003 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:154 Resp: 1435513
Ion Ratio Lower Upper
154 100
153 115.7 92.6 138.8
152 54.5 43.8 65.8

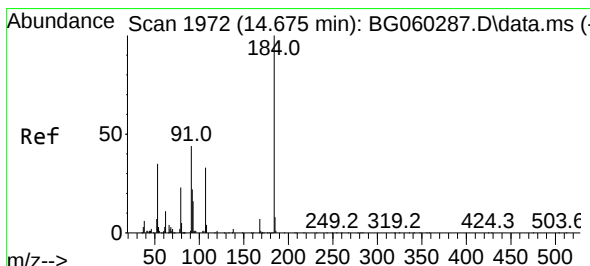
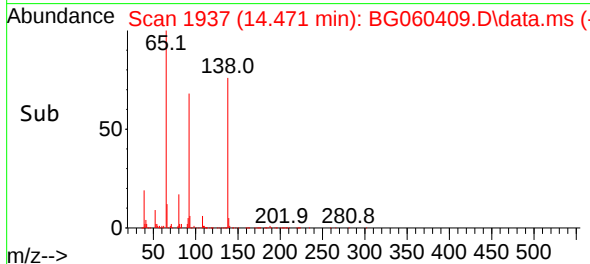
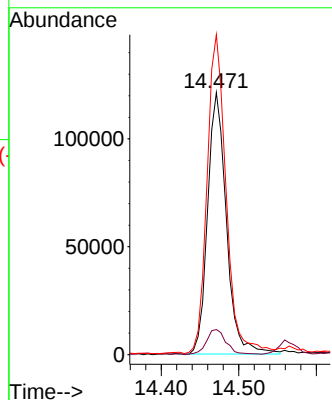
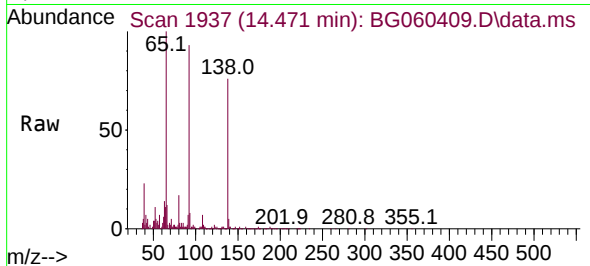




#53
3-Nitroaniline
Concen: 23.982 ng
RT: 14.471 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

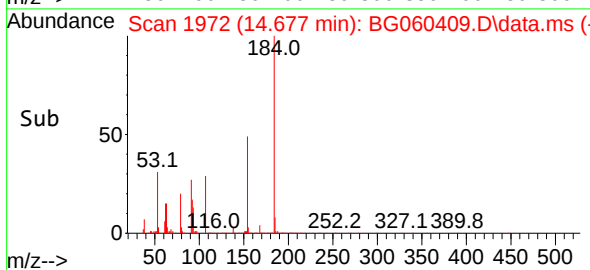
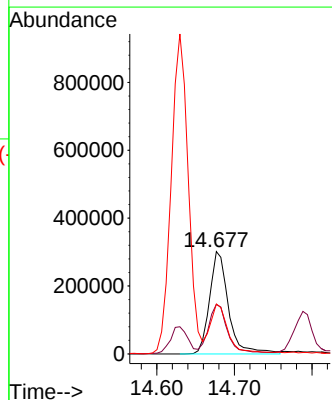
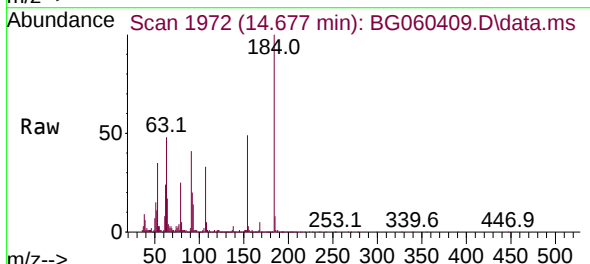
Instrument :
BNA_G
ClientSampleId :
222177MSD

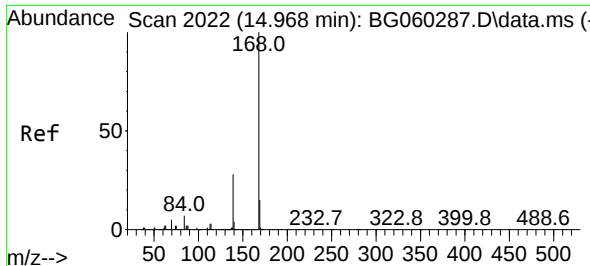
Tgt Ion:138 Resp: 204378
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.8
92 122.1 102.4 153.6



#54
2,4-Dinitrophenol
Concen: 89.125 ng
RT: 14.677 min Scan# 1972
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:184 Resp: 511615
Ion Ratio Lower Upper
184 100
63 48.3 41.0 61.4
154 48.6 39.2 58.8

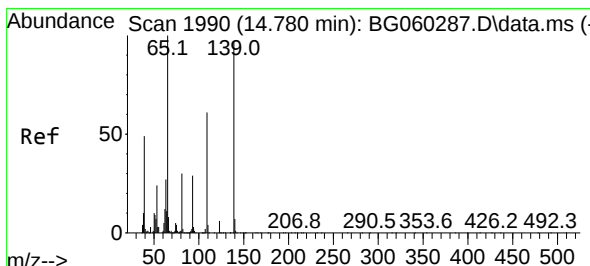
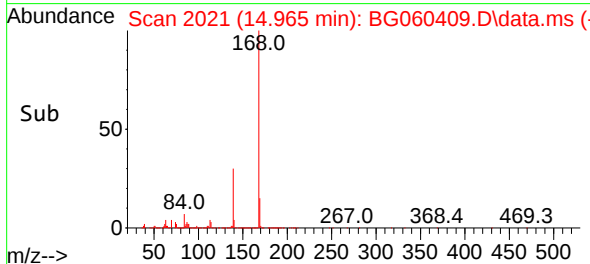
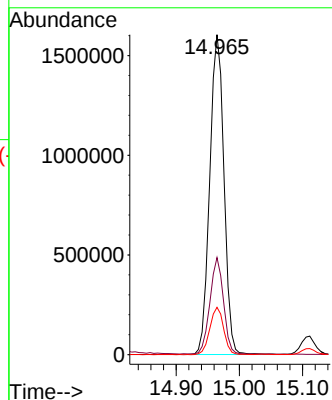
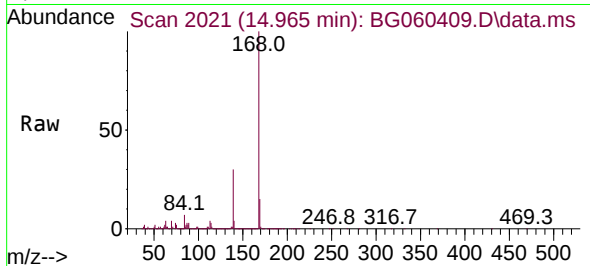




#55
Dibenzenofuran
Concen: 47.327 ng
RT: 14.965 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

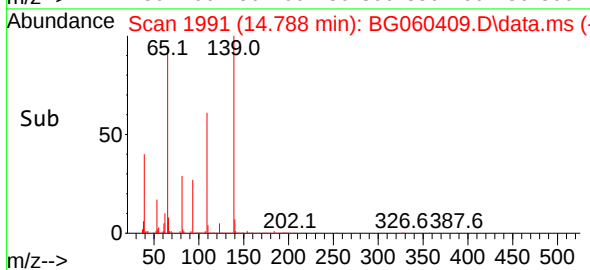
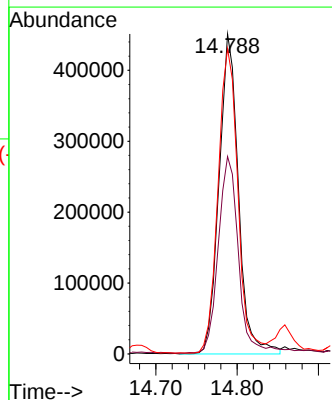
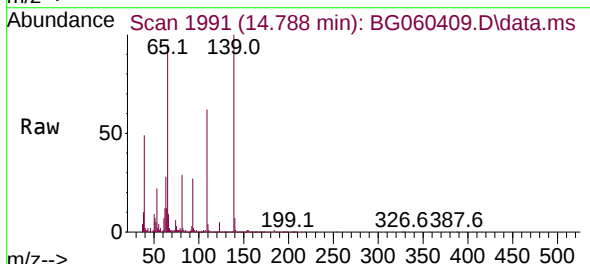
Instrument :
BNA_G
ClientSampleId :
222177MSD

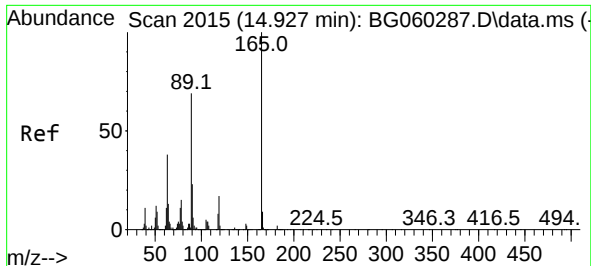
Tgt Ion:168 Resp: 2512659
Ion Ratio Lower Upper
168 100
139 30.3 22.6 34.0
169 14.8 12.1 18.1



#56
4-Nitrophenol
Concen: 117.897 ng
RT: 14.788 min Scan# 1991
Delta R.T. 0.008 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:139 Resp: 745239
Ion Ratio Lower Upper
139 100
109 61.7 42.2 82.2
65 95.4 83.3 123.3

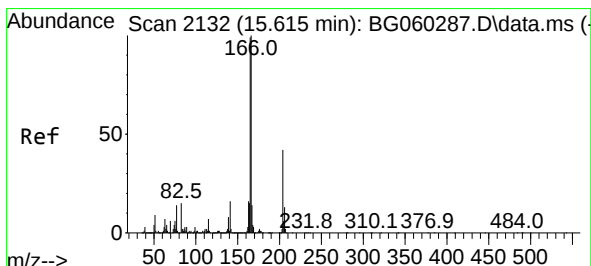
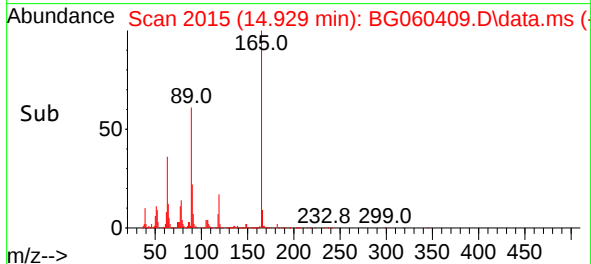
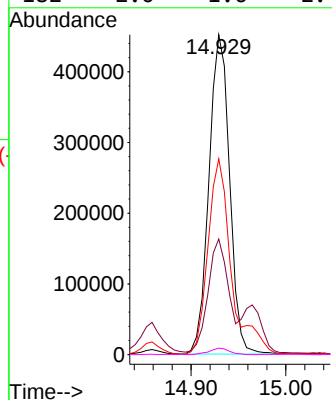
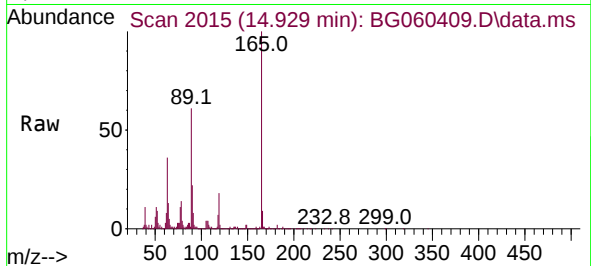




#57
2,4-Dinitrotoluene
Concen: 53.329 ng
RT: 14.929 min Scan# 2015
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

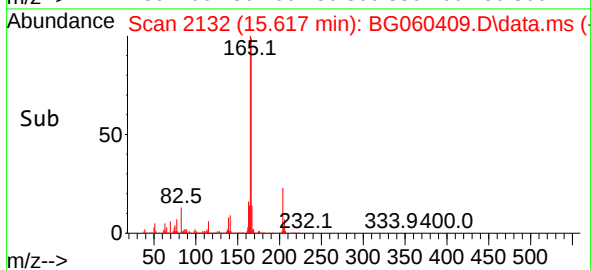
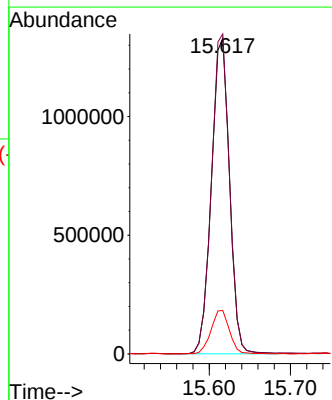
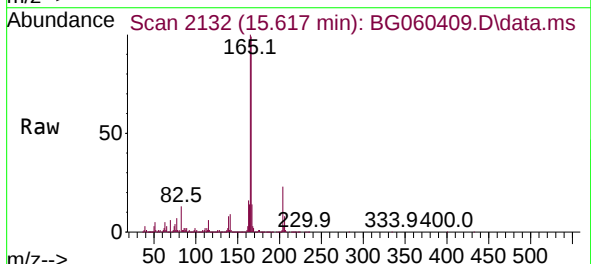
Instrument :
BNA_G
ClientSampleId :
222177MSD

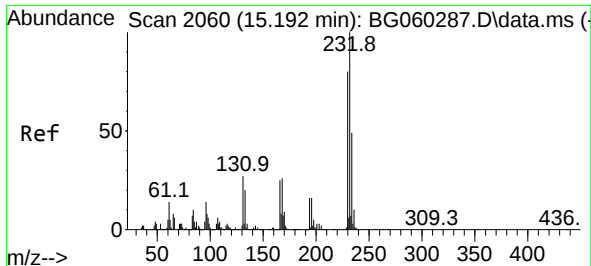
Tgt Ion:165 Resp: 683946
Ion Ratio Lower Upper
165 100
63 36.1 30.4 45.6
89 61.2 55.4 83.0
182 2.0 1.6 2.4



#58
Fluorene
Concen: 46.763 ng
RT: 15.617 min Scan# 2132
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:166 Resp: 2055968
Ion Ratio Lower Upper
166 100
165 101.4 79.0 118.6
167 13.8 11.4 17.0



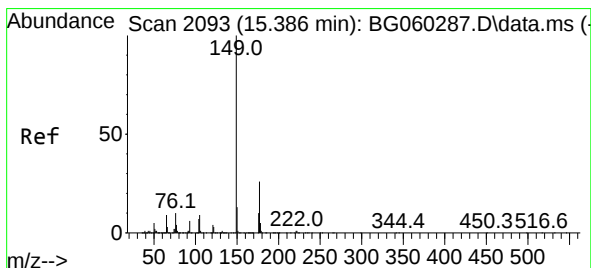
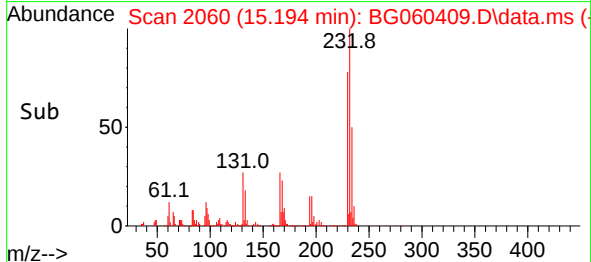
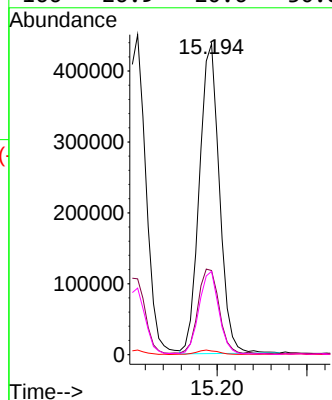
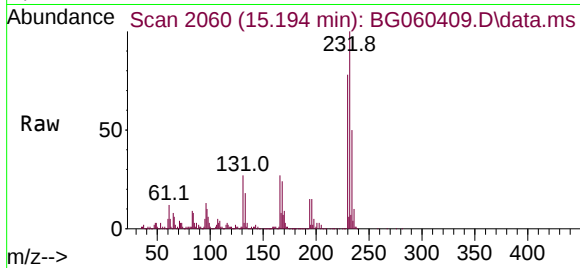


#59
2,3,4,6-Tetrachlorophenol
Concen: 55.884 ng
RT: 15.194 min Scan# 2060
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Instrument :
BNA_G
ClientSampleId :
222177MSD

Tgt Ion:232 Resp: 678532

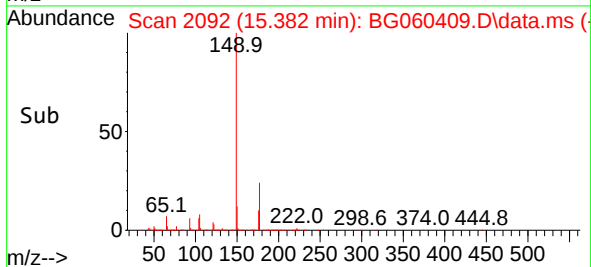
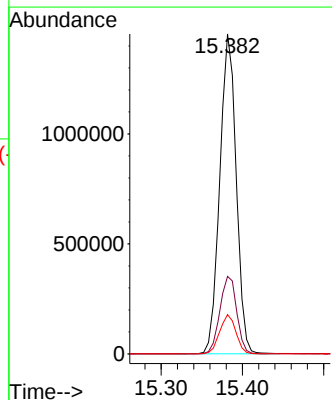
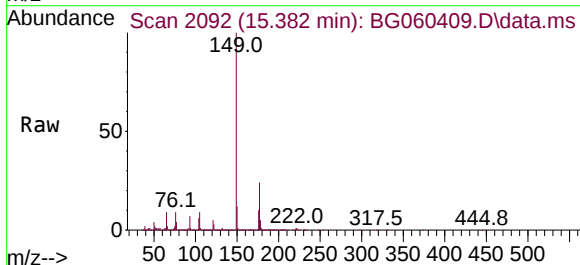
Ion	Ratio	Lower	Upper
232	100		
131	29.2	22.7	34.1
130	1.5	1.1	1.7
166	26.9	20.6	30.8

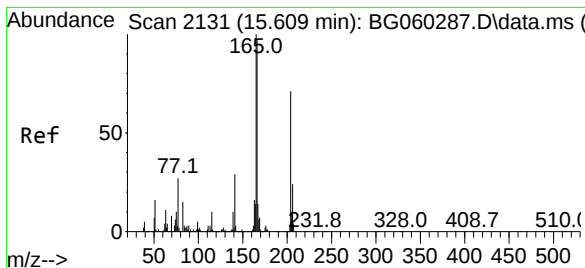


#60
Diethylphthalate
Concen: 48.358 ng
RT: 15.382 min Scan# 2092
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:149 Resp: 2034835

Ion	Ratio	Lower	Upper
149	100		
177	24.3	20.9	31.3
150	12.3	10.2	15.2

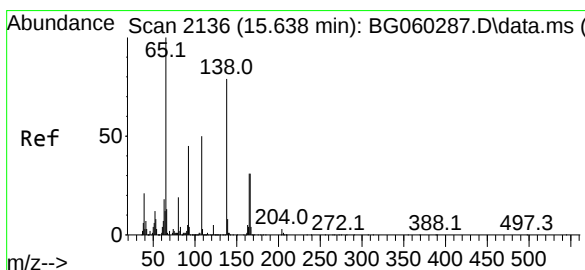
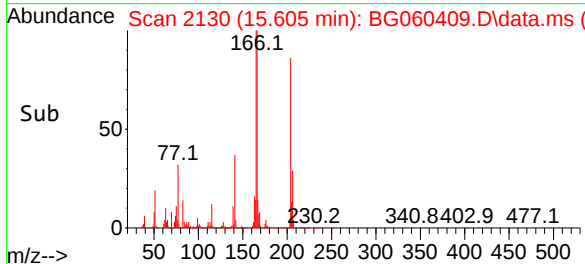
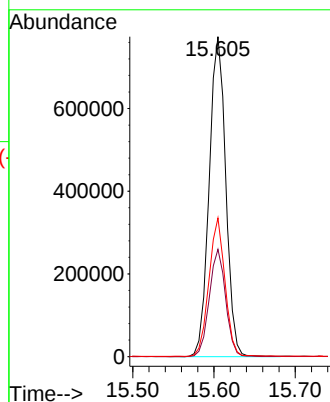
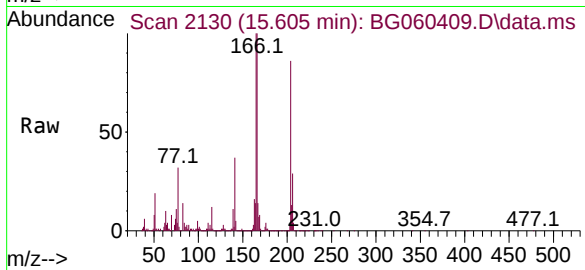




#61
4-Chlorophenyl-phenylether
Concen: 45.402 ng
RT: 15.605 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

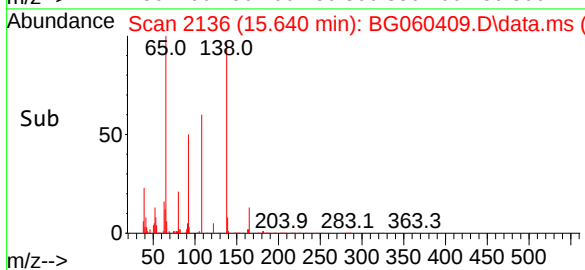
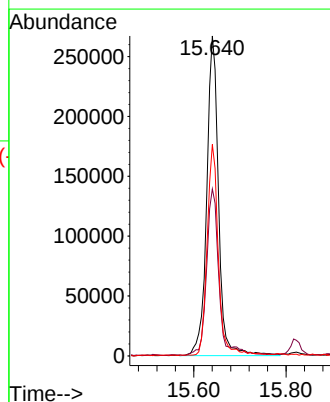
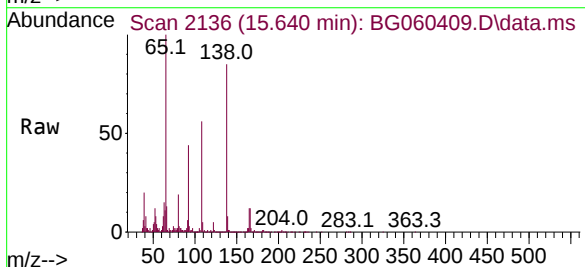
Instrument :
BNA_G
ClientSampleId :
222177MSD

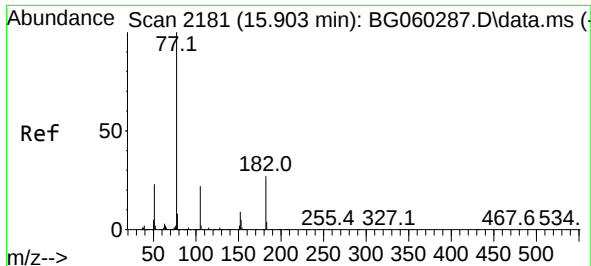
Tgt Ion:204 Resp: 1099623
Ion Ratio Lower Upper
204 100
206 33.5 27.1 40.7
141 43.3 32.2 48.2



#62
4-Nitroaniline
Concen: 52.462 ng
RT: 15.640 min Scan# 2136
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:138 Resp: 475834
Ion Ratio Lower Upper
138 100
92 52.2 37.0 77.0
108 66.1 43.1 83.1

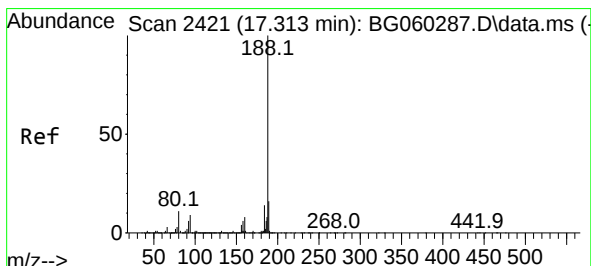
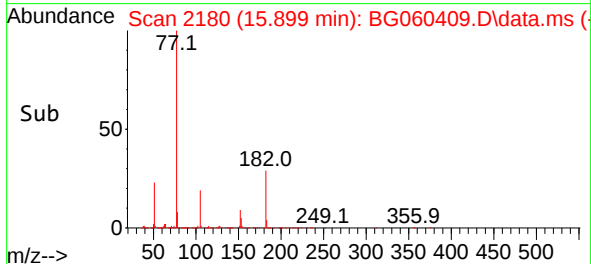
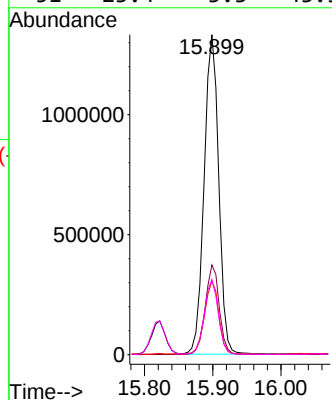
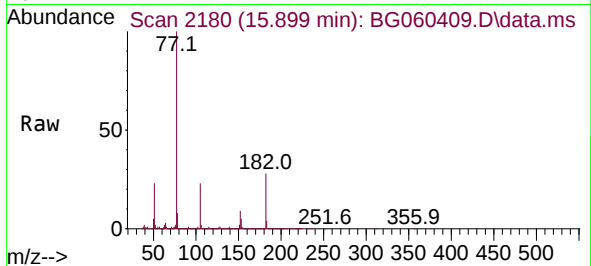




#63
Azobenzene
Concen: 46.526 ng
RT: 15.899 min Scan# 2181
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

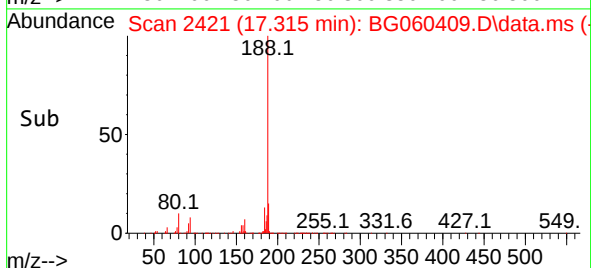
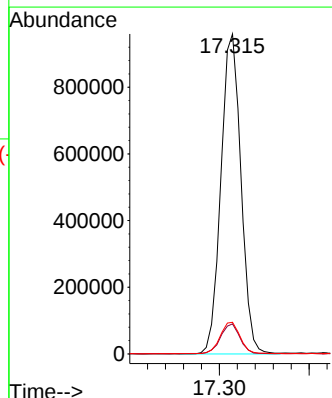
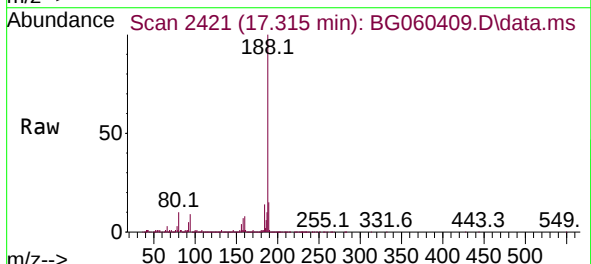
Instrument :
BNA_G
ClientSampleId :
222177MSD

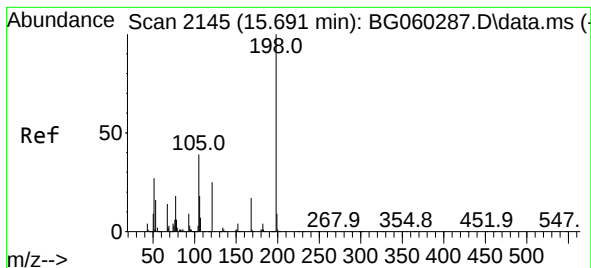
Tgt Ion: 77 Resp: 1980149
Ion Ratio Lower Upper
77 100
182 28.0 6.5 46.5
105 23.0 1.8 41.8
51 23.4 3.3 43.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2421
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:188 Resp: 1490240
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 9.9 8.5 12.7

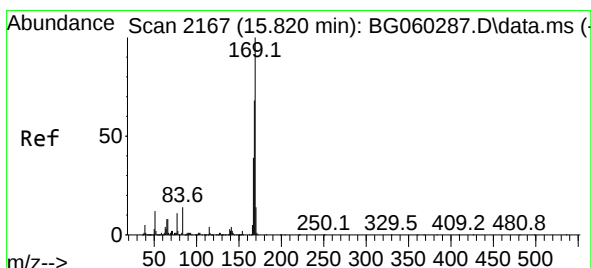
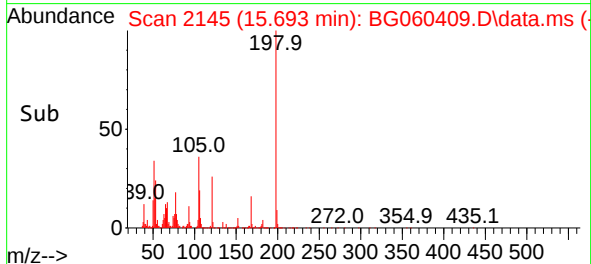
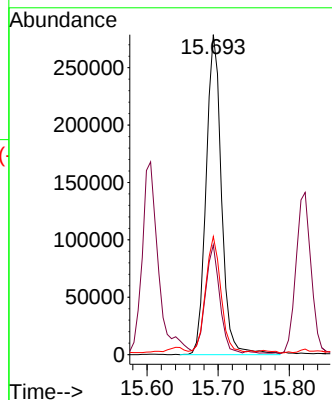
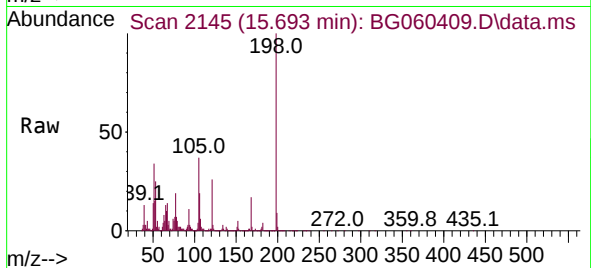




#65
4,6-Dinitro-2-methylphenol
Concen: 50.780 ng
RT: 15.693 min Scan# 2145
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

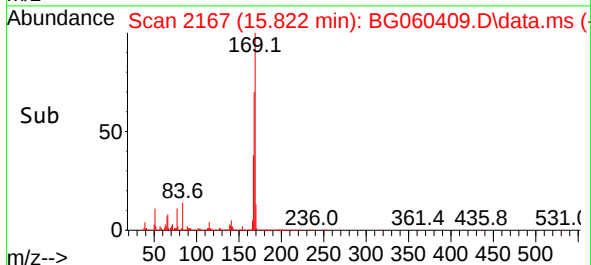
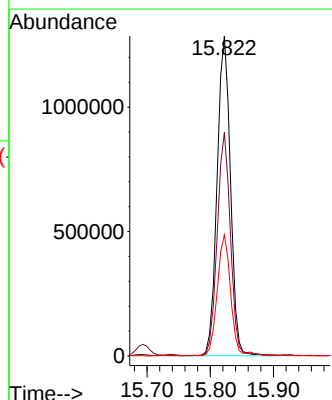
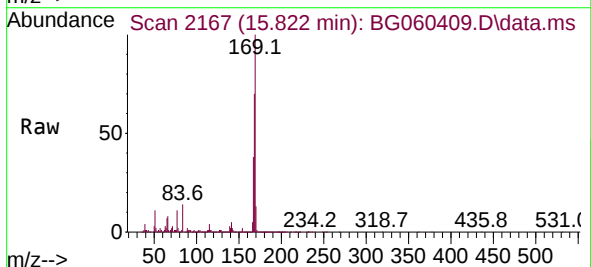
Instrument :
BNA_G
ClientSampleId :
222177MSD

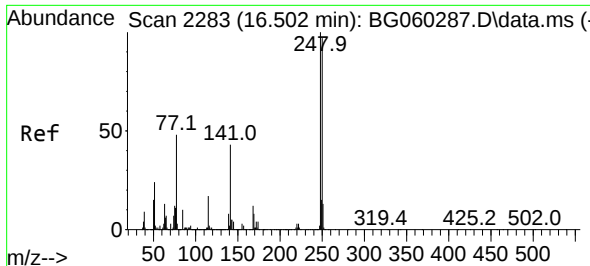
Tgt Ion:198 Resp: 418642
Ion Ratio Lower Upper
198 100
51 34.3 11.8 51.8
105 36.9 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 47.789 ng
RT: 15.822 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:169 Resp: 1891004
Ion Ratio Lower Upper
169 100
168 69.8 54.4 81.6
167 37.8 31.2 46.8

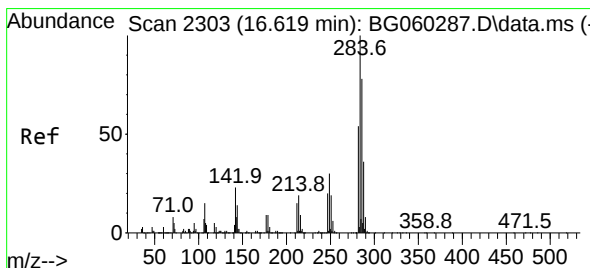
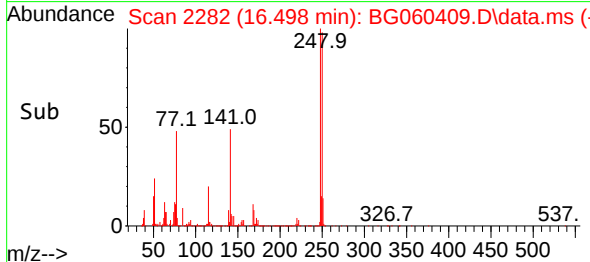
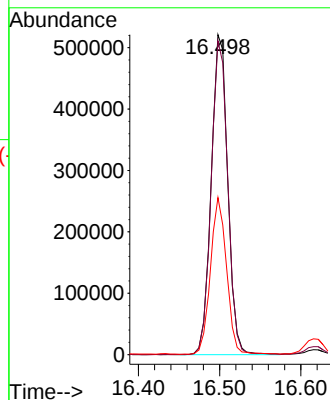
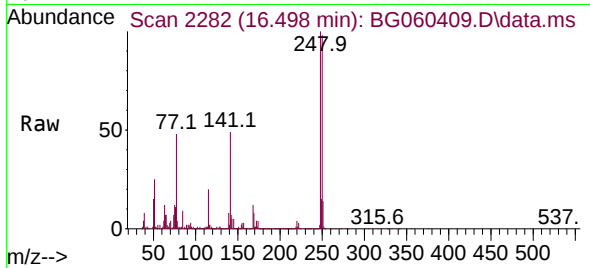




#67
4-Bromophenyl-phenylether
Concen: 45.016 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

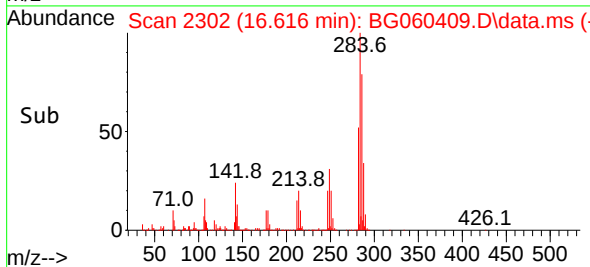
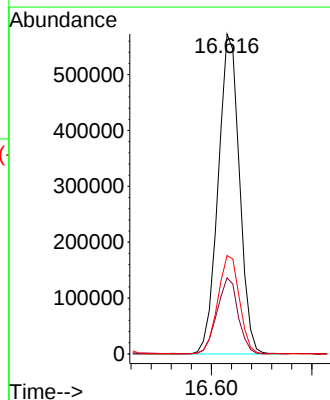
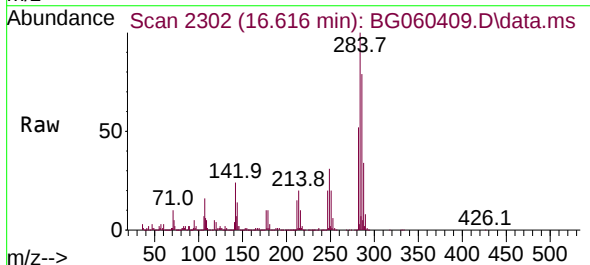
Instrument :
BNA_G
ClientSampleId :
222177MSD

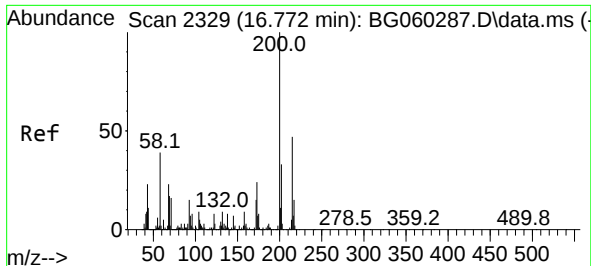
Tgt Ion:248 Resp: 737127
Ion Ratio Lower Upper
248 100
250 98.0 77.6 116.4
141 49.1 34.2 51.4



#68
Hexachlorobenzene
Concen: 43.492 ng
RT: 16.616 min Scan# 2302
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:284 Resp: 843010
Ion Ratio Lower Upper
284 100
142 23.8 18.2 27.4
249 30.7 24.3 36.5

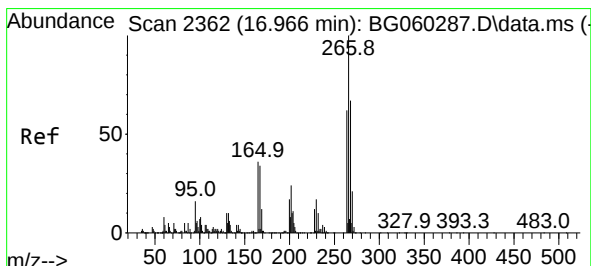
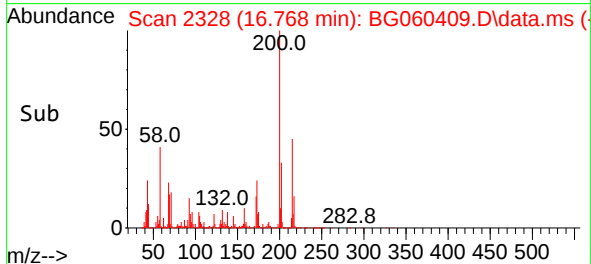
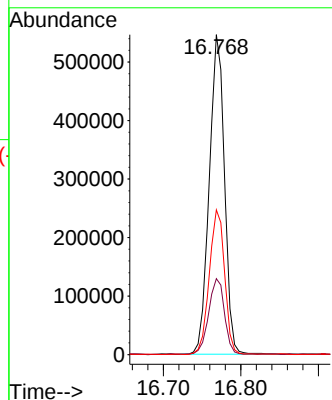
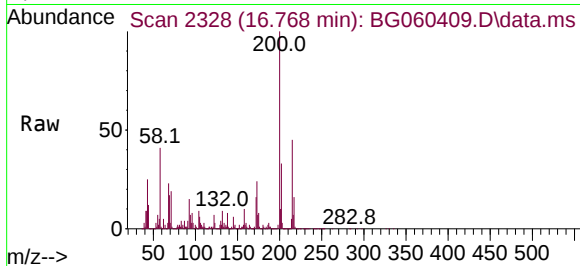




#69
 Atrazine
 Concen: 49.870 ng
 RT: 16.768 min Scan# 2328
 Delta R.T. -0.004 min
 Lab File: BG060409.D
 Acq: 23 Jan 2024 18:38

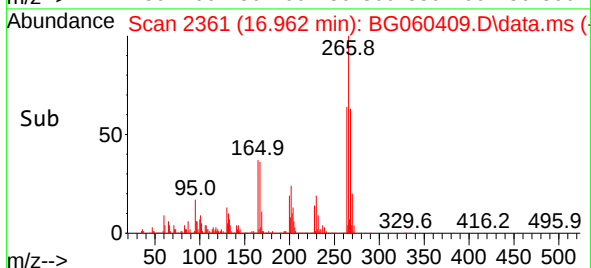
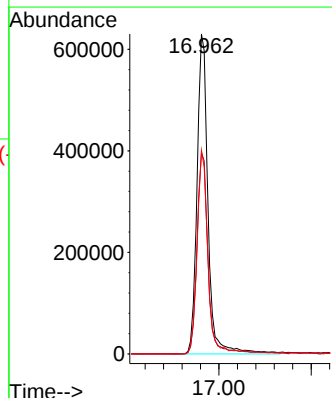
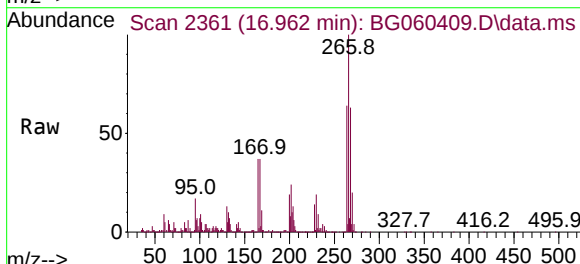
Instrument :
 BNA_G
 ClientSampleId :
 222177MSD

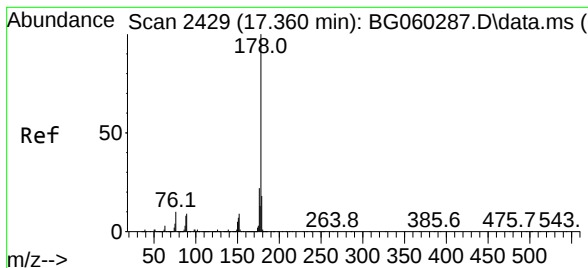
Tgt Ion:200 Resp: 744092
 Ion Ratio Lower Upper
 200 100
 173 23.7 4.1 44.1
 215 45.2 27.4 67.4



#70
 Pentachlorophenol
 Concen: 99.294 ng
 RT: 16.962 min Scan# 2361
 Delta R.T. -0.004 min
 Lab File: BG060409.D
 Acq: 23 Jan 2024 18:38

Tgt Ion:266 Resp: 1037411
 Ion Ratio Lower Upper
 266 100
 268 62.9 57.4 86.2
 264 63.6 49.8 74.8





#71

Phenanthrene

Concen: 46.509 ng

RT: 17.356 min Scan# 2429

Delta R.T. -0.004 min

Lab File: BG060409.D

Acq: 23 Jan 2024 18:38

Instrument :

BNA_G

ClientSampleId :

222177MSD

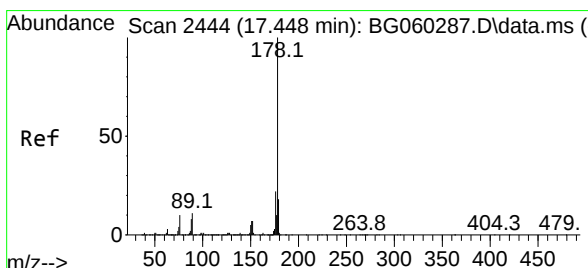
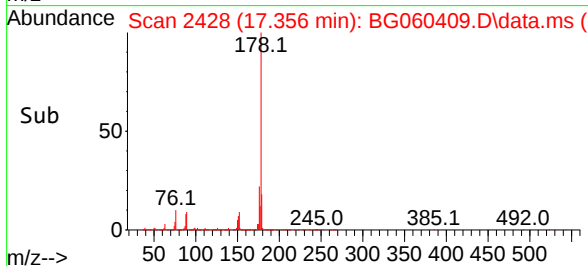
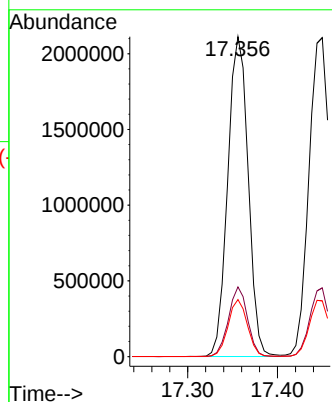
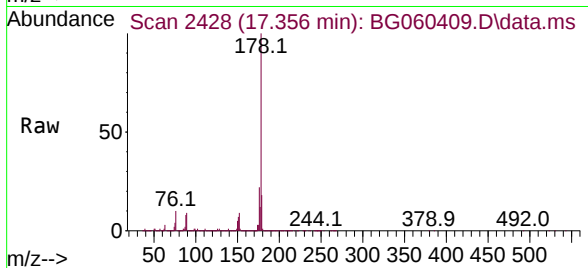
Tgt Ion:178 Resp: 3350113

Ion Ratio Lower Upper

178 100

176 21.8 17.4 26.2

179 17.8 14.7 22.1



#72

Anthracene

Concen: 47.792 ng

RT: 17.450 min Scan# 2444

Delta R.T. 0.002 min

Lab File: BG060409.D

Acq: 23 Jan 2024 18:38

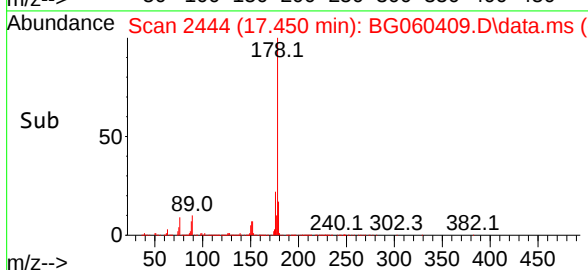
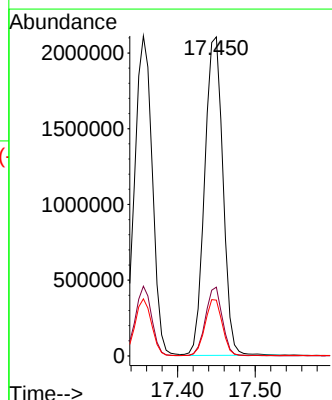
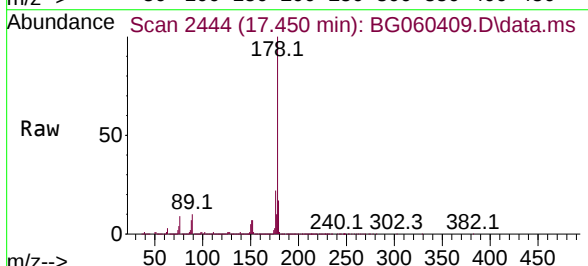
Tgt Ion:178 Resp: 3436977

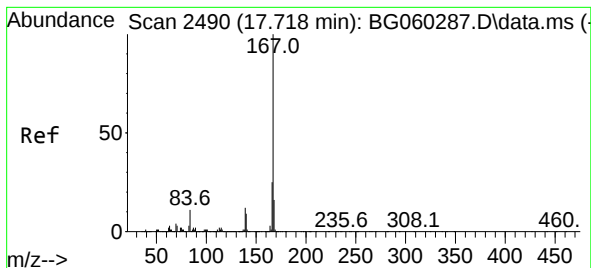
Ion Ratio Lower Upper

178 100

176 21.6 17.8 26.6

179 17.5 14.1 21.1





#73

Carbazole

Concen: 45.369 ng

RT: 17.720 min Scan# 2490

Delta R.T. 0.002 min

Lab File: BG060409.D

Acq: 23 Jan 2024 18:38

Instrument :

BNA_G

ClientSampleId :

222177MSD

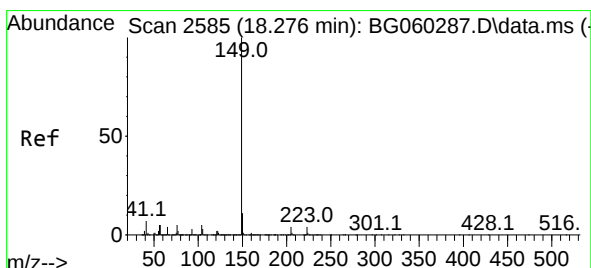
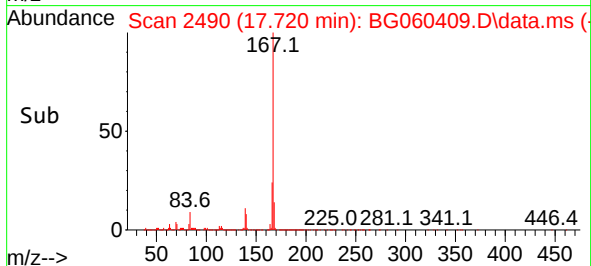
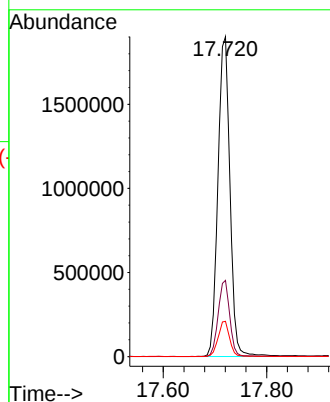
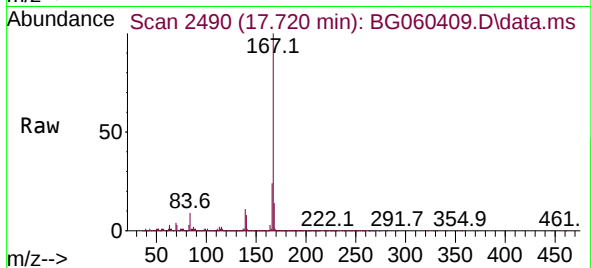
Tgt Ion:167 Resp: 3075969

Ion Ratio Lower Upper

167 100

166 23.8 19.8 29.8

139 11.0 9.3 13.9



#74

Di-n-butylphthalate

Concen: 47.367 ng

RT: 18.272 min Scan# 2584

Delta R.T. -0.004 min

Lab File: BG060409.D

Acq: 23 Jan 2024 18:38

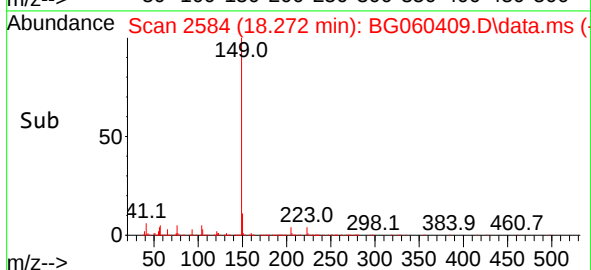
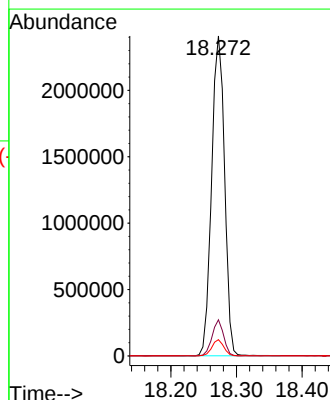
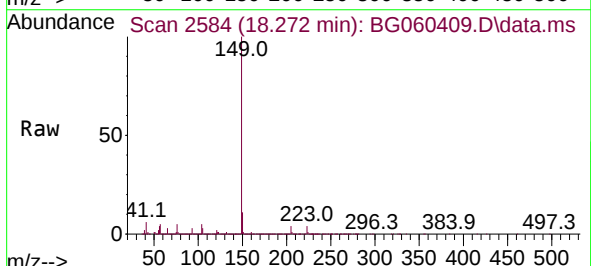
Tgt Ion:149 Resp: 3304330

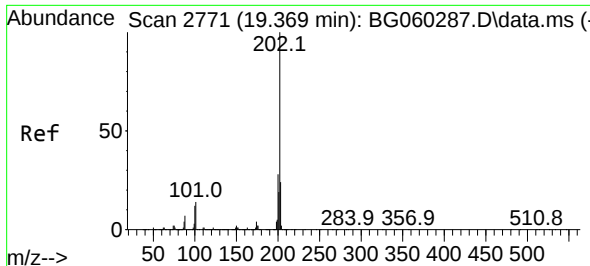
Ion Ratio Lower Upper

149 100

150 11.3 9.1 13.7

104 5.1 4.3 6.5

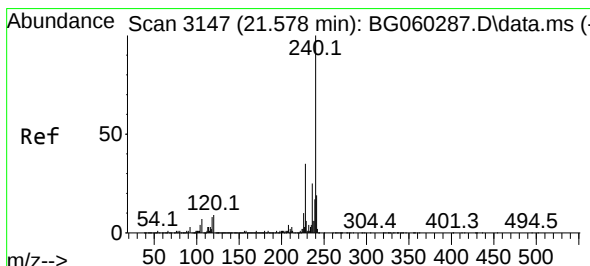
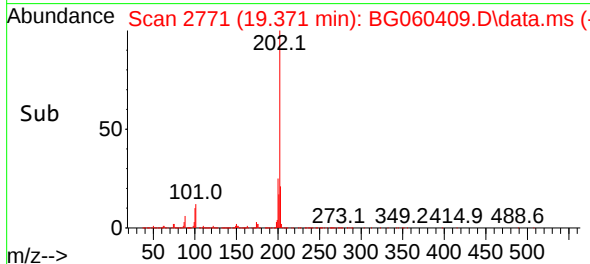
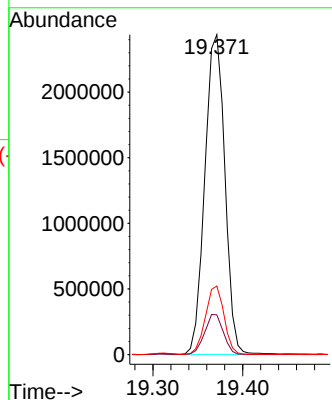
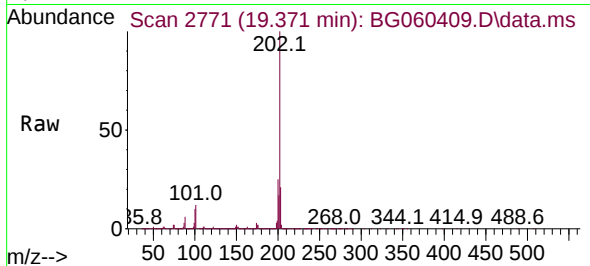




#75
Fluoranthene
Concen: 43.619 ng
RT: 19.371 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

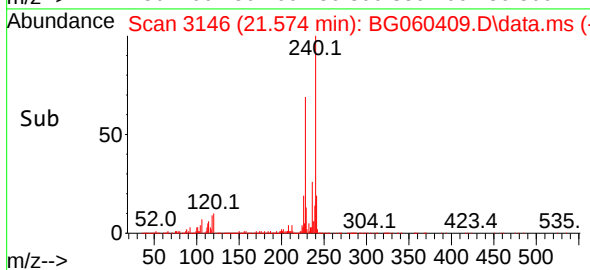
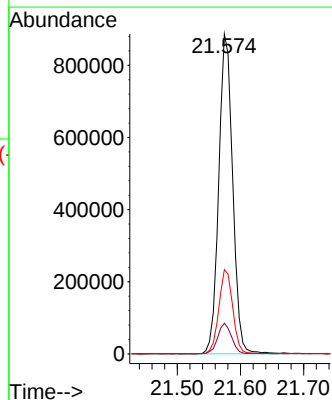
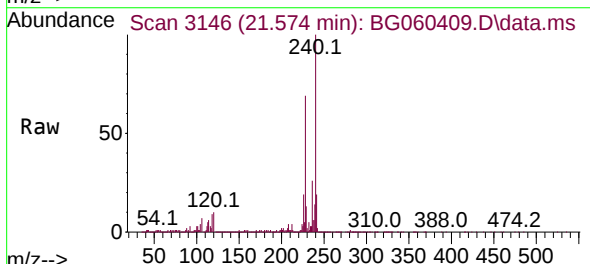
Instrument :
BNA_G
ClientSampleId :
222177MSD

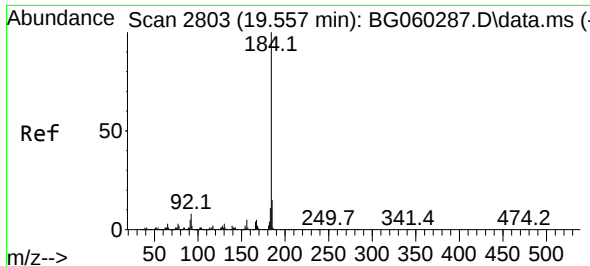
Tgt Ion:202 Resp: 3773788
Ion Ratio Lower Upper
202 100
101 12.4 0.0 34.4
203 21.5 4.0 44.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:240 Resp: 1357644
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.3 20.3 30.5

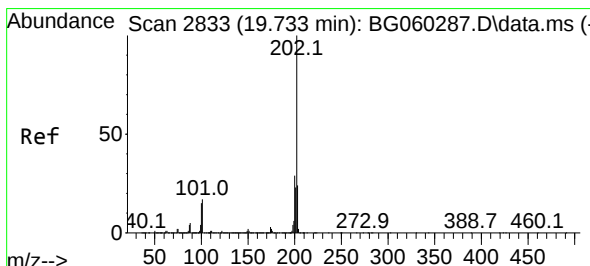
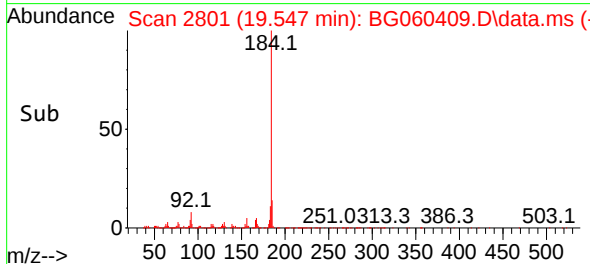
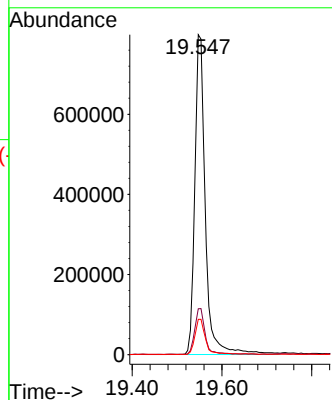
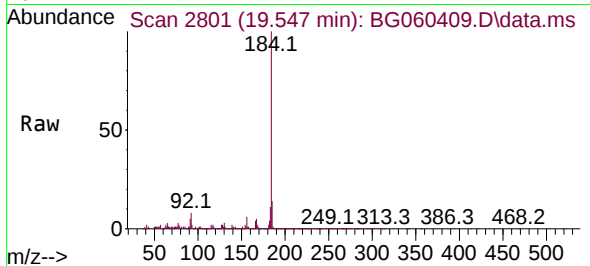




#77
Benzidine
Concen: 44.126 ng
RT: 19.547 min Scan# 2801
Delta R.T. -0.010 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

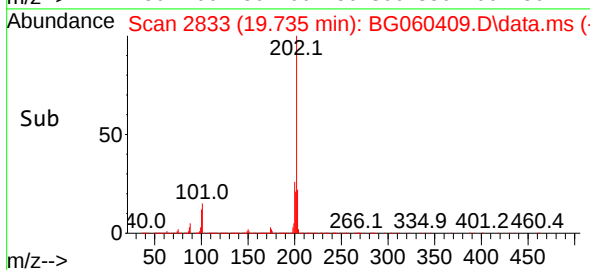
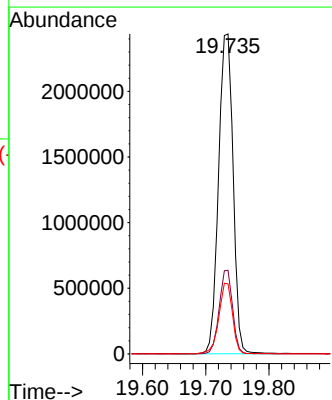
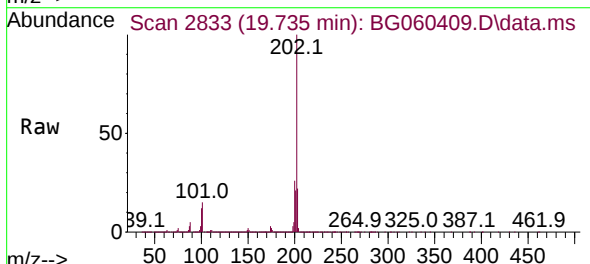
Instrument :
BNA_G
ClientSampleId :
222177MSD

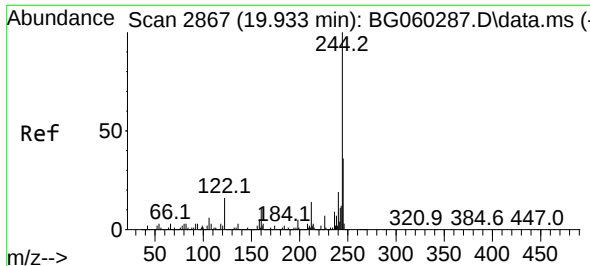
Tgt Ion:184 Resp: 1301490
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.4
183 11.0 9.0 13.4



#78
Pyrene
Concen: 44.928 ng
RT: 19.735 min Scan# 2833
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:202 Resp: 3895196
Ion Ratio Lower Upper
202 100
200 26.1 23.5 35.3
203 21.9 19.6 29.4

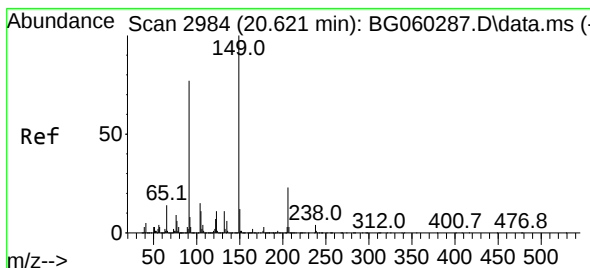
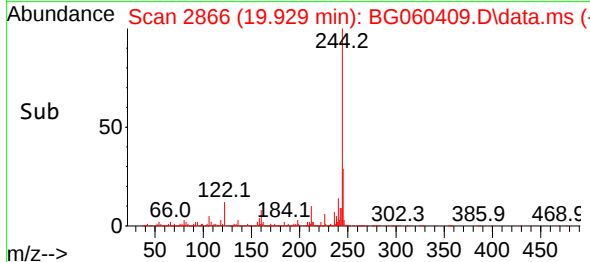
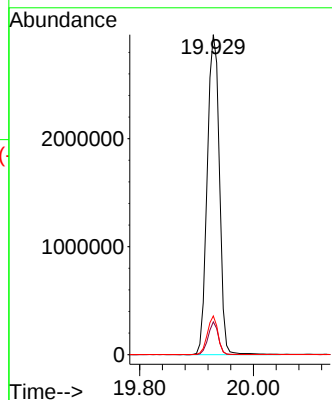
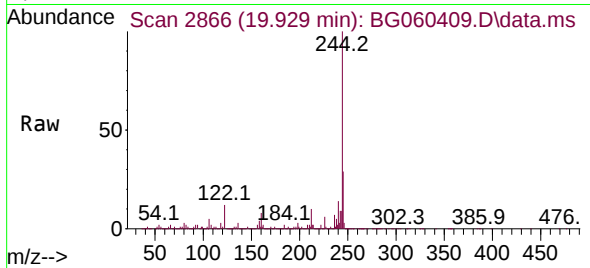




#79
 Terphenyl-d14
 Concen: 80.088 ng
 RT: 19.929 min Scan# 2866
 Delta R.T. -0.004 min
 Lab File: BG060409.D
 Acq: 23 Jan 2024 18:38

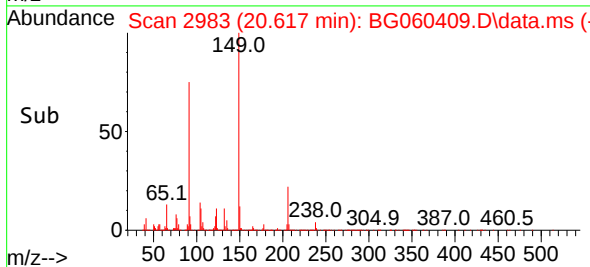
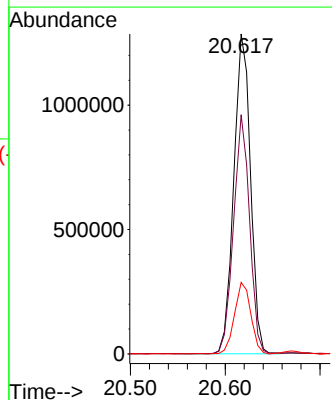
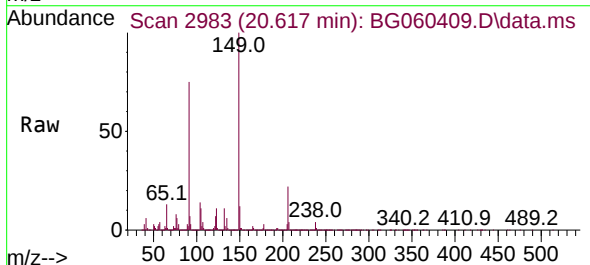
Instrument :
 BNA_G
 ClientSampleId :
 222177MSD

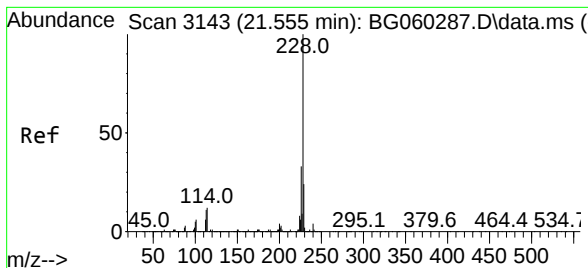
Tgt Ion:244 Resp: 4405719
 Ion Ratio Lower Upper
 244 100
 212 10.2 10.9 16.3#
 122 12.1 12.6 18.8#



#80
 Butylbenzylphthalate
 Concen: 52.800 ng
 RT: 20.617 min Scan# 2983
 Delta R.T. -0.004 min
 Lab File: BG060409.D
 Acq: 23 Jan 2024 18:38

Tgt Ion:149 Resp: 1574938
 Ion Ratio Lower Upper
 149 100
 91 74.7 61.4 92.2
 206 22.3 18.0 27.0





#81

Benzo(a)anthracene

Concen: 47.095 ng

RT: 21.557 min Scan# 3143

Delta R.T. 0.002 min

Lab File: BG060409.D

Acq: 23 Jan 2024 18:38

Instrument :

BNA_G

ClientSampleId :

222177MSD

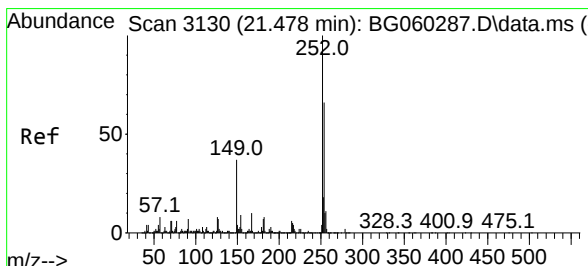
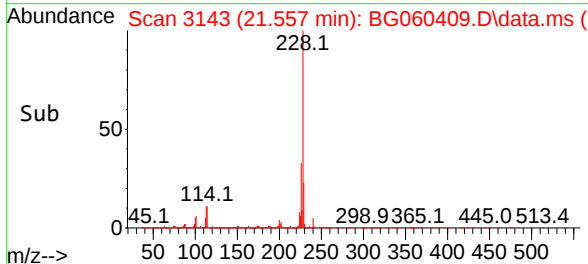
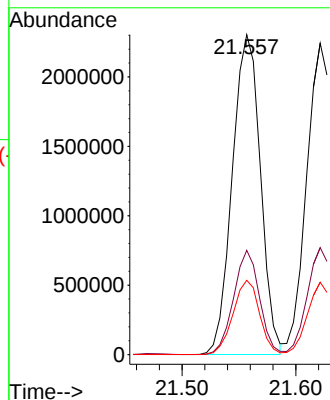
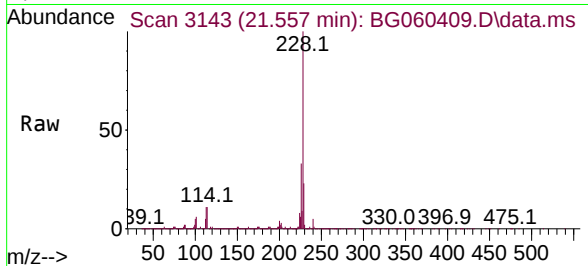
Tgt Ion:228 Resp: 3958224

Ion Ratio Lower Upper

228 100

226 32.6 26.2 39.2

229 23.2 19.4 29.2



#82

3,3'-Dichlorobenzidine

Concen: 23.872 ng

RT: 21.475 min Scan# 3129

Delta R.T. -0.004 min

Lab File: BG060409.D

Acq: 23 Jan 2024 18:38

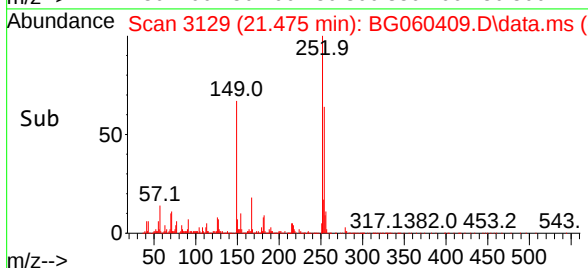
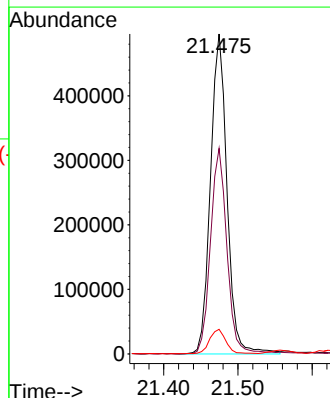
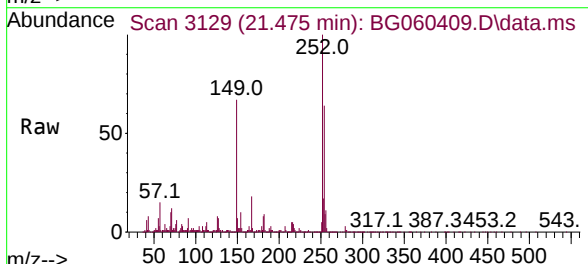
Tgt Ion:252 Resp: 768379

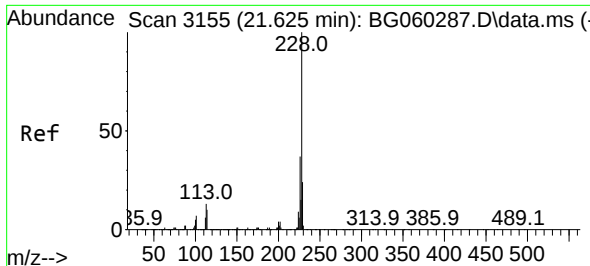
Ion Ratio Lower Upper

252 100

254 64.2 52.6 79.0

126 7.7 6.3 9.5

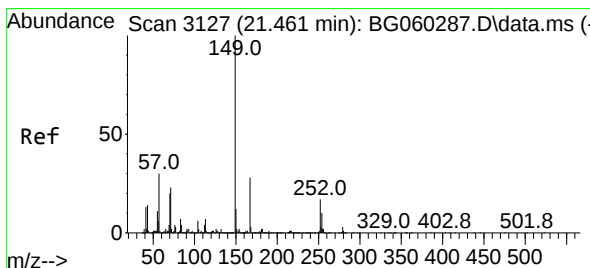
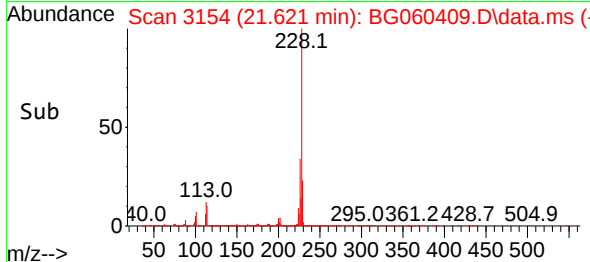
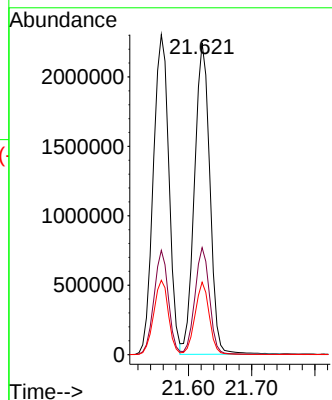
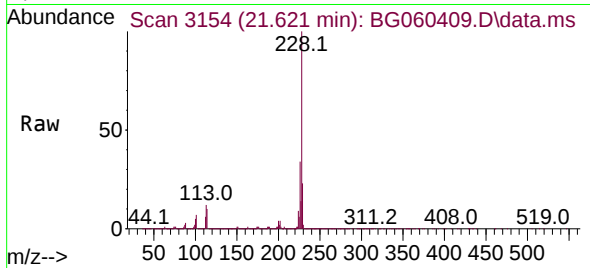




#83
Chrysene
Concen: 45.863 ng
RT: 21.621 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

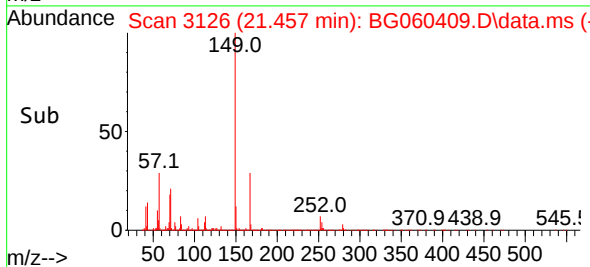
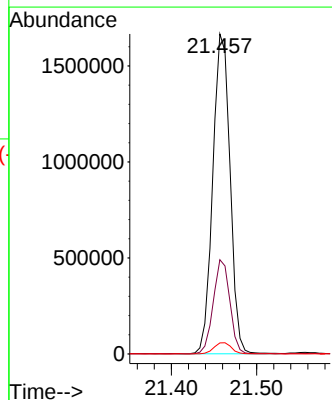
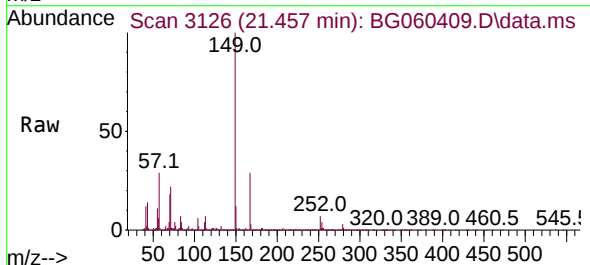
Instrument :
BNA_G
ClientSampleId :
222177MSD

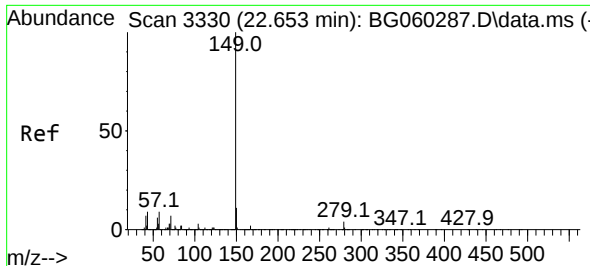
Tgt Ion:228 Resp: 3791097
Ion Ratio Lower Upper
228 100
226 34.3 29.4 44.2
229 23.3 19.2 28.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.962 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:149 Resp: 2342110
Ion Ratio Lower Upper
149 100
167 29.4 22.2 33.2
279 3.4 2.7 4.1

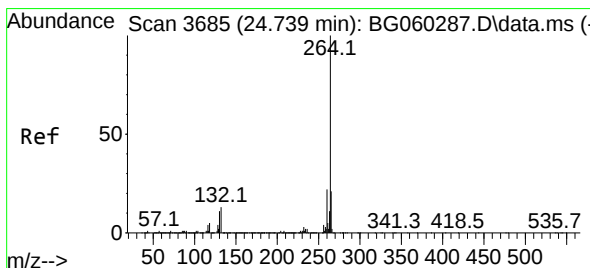
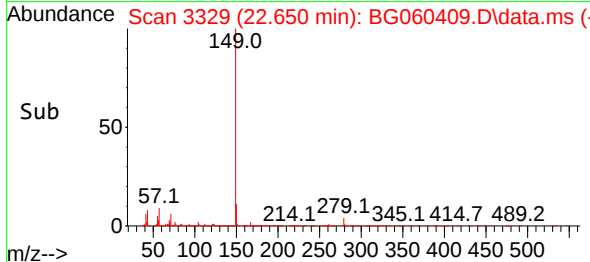
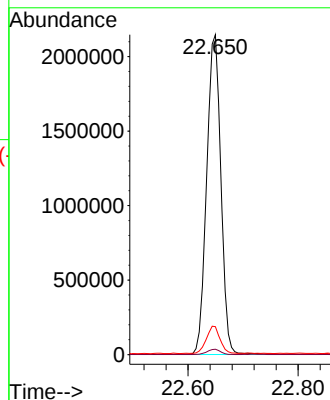
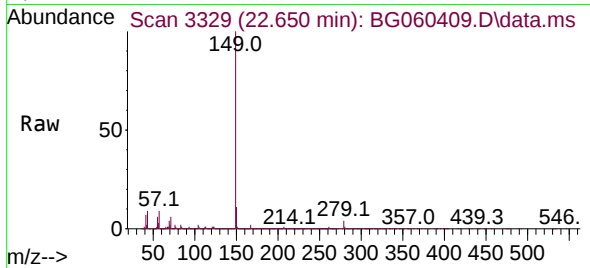




#85
Di-n-octyl phthalate
Concen: 52.458 ng
RT: 22.650 min Scan# 3330
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

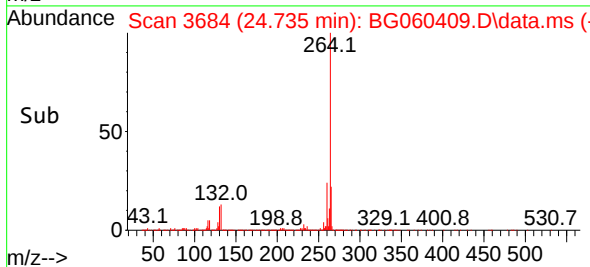
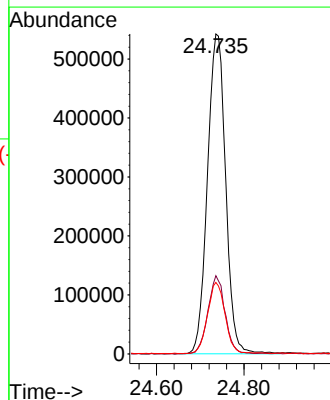
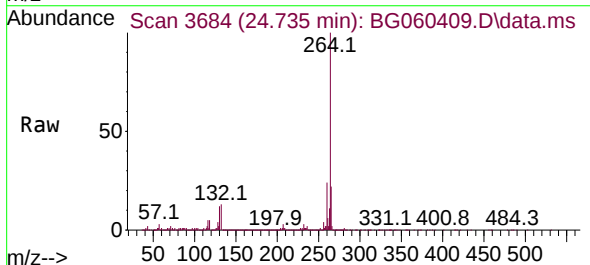
Instrument :
BNA_G
ClientSampleId :
222177MSD

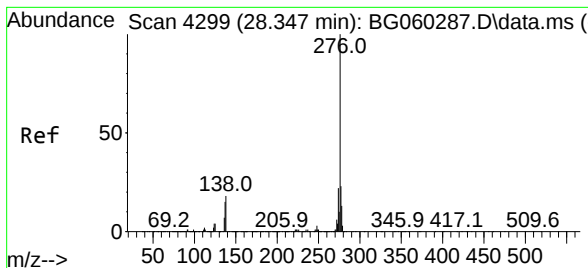
Tgt Ion:149 Resp: 3831587
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.735 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:264 Resp: 1563827
Ion Ratio Lower Upper
264 100
260 24.4 17.8 26.6
265 22.3 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.640 ng

RT: 28.349 min Scan# 4299

Delta R.T. 0.002 min

Lab File: BG060409.D

Acq: 23 Jan 2024 18:38

Instrument :

BNA_G

ClientSampleId :

222177MSD

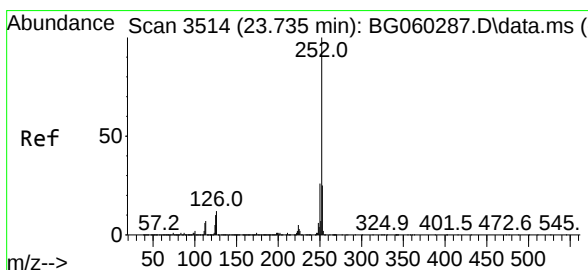
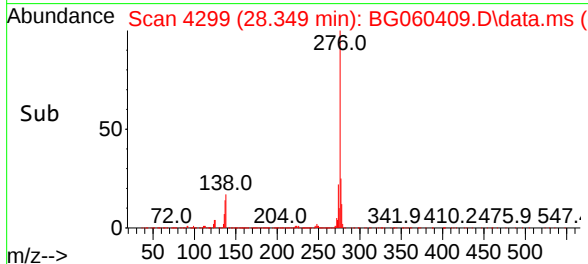
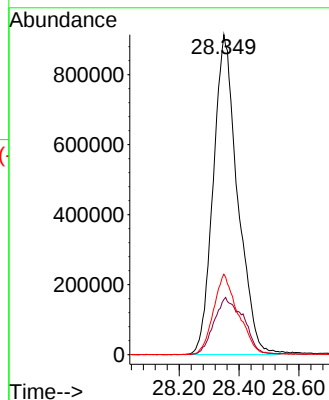
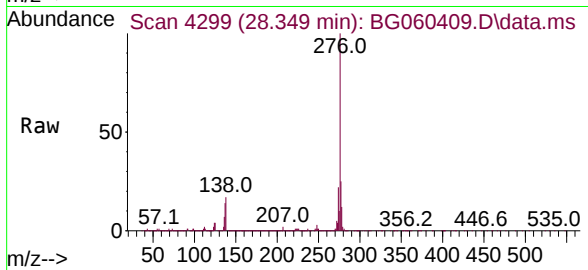
Tgt Ion:276 Resp: 5180148

Ion Ratio Lower Upper

276 100

138 21.5 12.5 18.7#

277 25.5 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 45.256 ng

RT: 23.737 min Scan# 3514

Delta R.T. 0.002 min

Lab File: BG060409.D

Acq: 23 Jan 2024 18:38

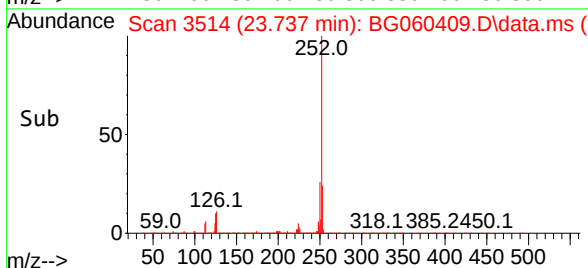
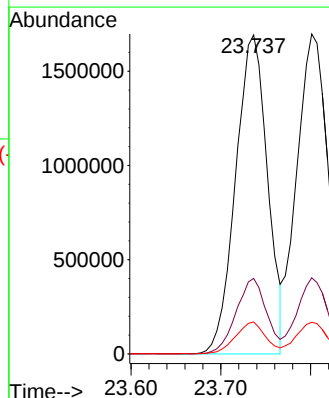
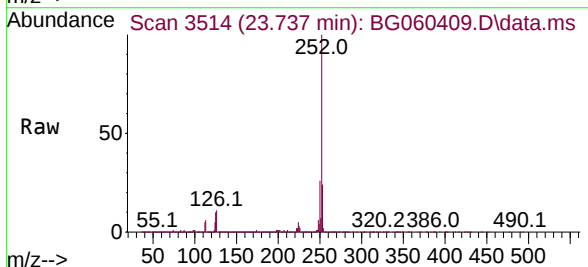
Tgt Ion:252 Resp: 4180916

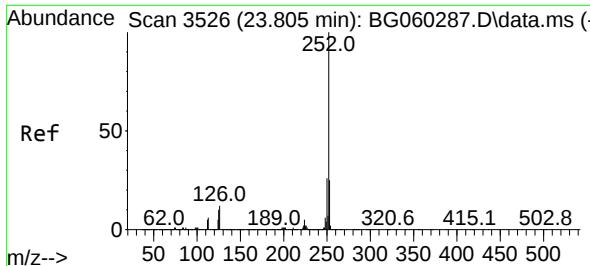
Ion Ratio Lower Upper

252 100

253 23.7 20.0 30.0

125 10.0 8.1 12.1

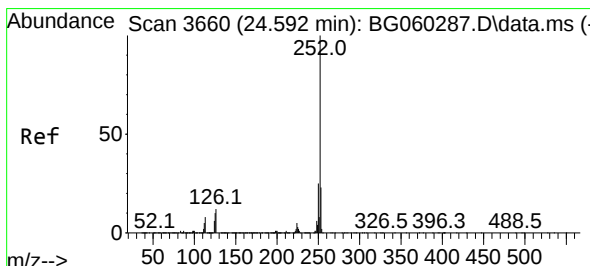
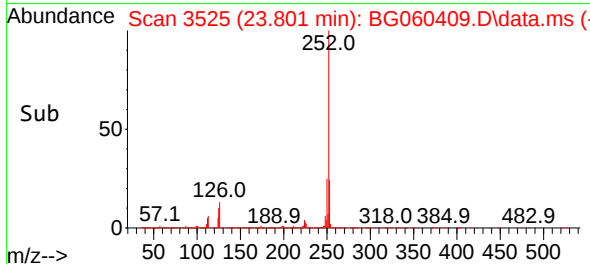
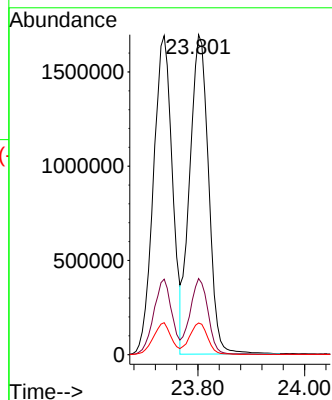
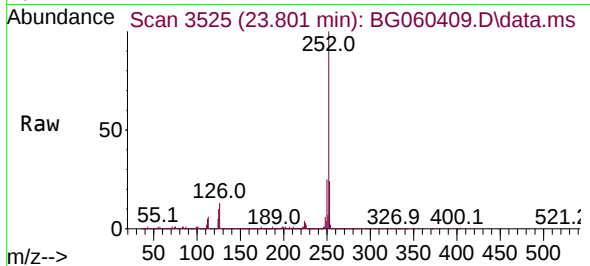




#89
Benzo(k)fluoranthene
Concen: 45.603 ng
RT: 23.801 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

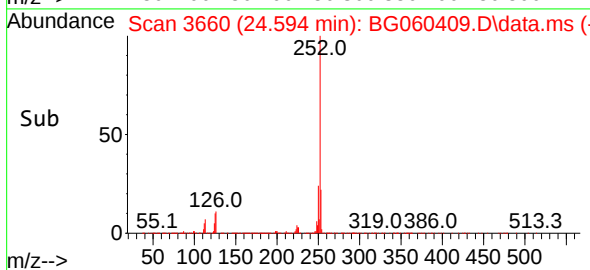
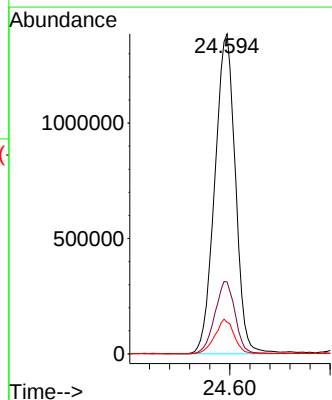
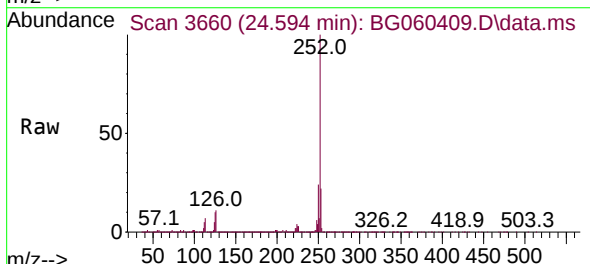
Instrument :
BNA_G
ClientSampleId :
222177MSD

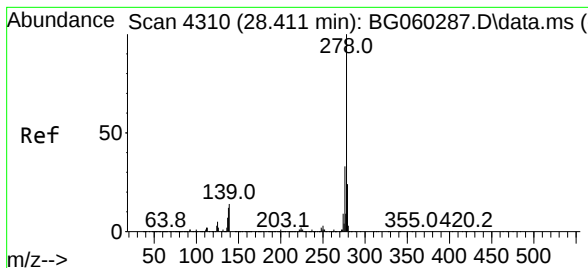
Tgt Ion:252 Resp: 4157406
Ion Ratio Lower Upper
252 100
253 23.8 19.6 29.4
125 9.9 8.2 12.2



#90
Benzo(a)pyrene
Concen: 47.265 ng
RT: 24.594 min Scan# 3660
Delta R.T. 0.002 min
Lab File: BG060409.D
Acq: 23 Jan 2024 18:38

Tgt Ion:252 Resp: 3944534
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 9.9 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 47.723 ng

RT: 28.413 min Scan# 4310

Delta R.T. 0.002 min

Lab File: BG060409.D

Acq: 23 Jan 2024 18:38

Instrument :

BNA_G

ClientSampleId :

222177MSD

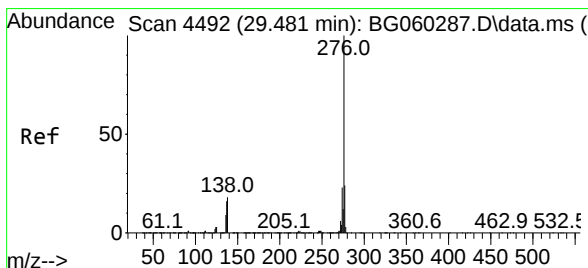
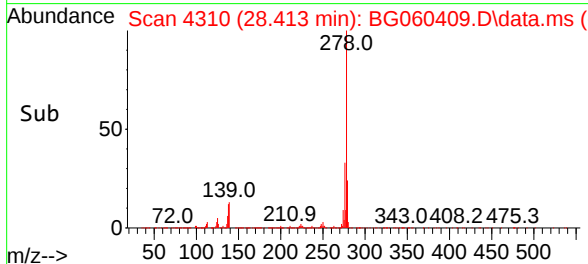
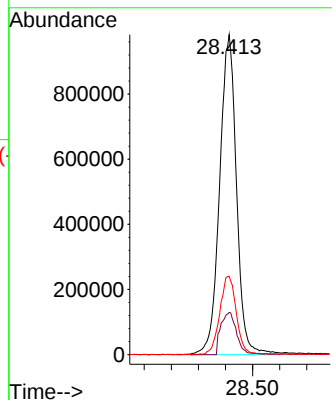
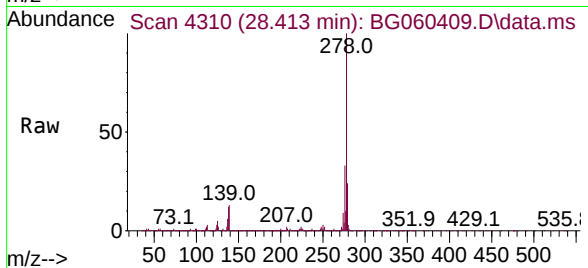
Tgt Ion:278 Resp: 4237821

Ion Ratio Lower Upper

278 100

139 13.2 10.9 16.3

279 24.5 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 45.173 ng

RT: 29.489 min Scan# 4493

Delta R.T. 0.008 min

Lab File: BG060409.D

Acq: 23 Jan 2024 18:38

Tgt Ion:276 Resp: 4111263

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 18.5 14.2 21.4

