

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
 Data File : BG061046.D
 Acq On : 29 Apr 2024 12:22
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 29 19:33:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	24162	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	97690	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	82142	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	211437	20.000	ng	0.00
76) Chrysene-d12	21.577	240	206680	20.000	ng	0.00
86) Perylene-d12	24.697	264	249729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	84354	70.618	ng	0.00
7) Phenol-d6	7.118	99	133733	75.456	ng	0.00
23) Nitrobenzene-d5	9.098	82	156326	71.897	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	135684	75.222	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	481329	81.099	ng	0.00
79) Terphenyl-d14	19.938	244	1043774	78.391	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.451	88	13606	32.912	ng	# 91
3) Pyridine	3.839	79	43236	33.834	ng	95
4) n-Nitrosodimethylamine	3.751	42	40658	35.376	ng	89
6) Aniline	7.270	93	68468	32.143	ng	97
8) 2-Chlorophenol	7.511	128	55117	37.032	ng	93
9) Benzaldehyde	7.082	77	35414	38.847	ng	95
10) Phenol	7.141	94	66225	37.610	ng	96
11) bis(2-Chloroethyl)ether	7.364	93	47453	37.667	ng	96
12) 1,3-Dichlorobenzene	7.834	146	62998	38.169	ng	96
13) 1,4-Dichlorobenzene	7.975	146	64580	37.986	ng	95
14) 1,2-Dichlorobenzene	8.299	146	63404	38.161	ng	95
15) Benzyl Alcohol	8.181	79	63485	37.938	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.469	45	103146	37.611	ng	95
17) 2-Methylphenol	8.387	107	52798	37.135	ng	97
18) Hexachloroethane	9.027	117	22281	36.371	ng	88
19) n-Nitroso-di-n-propyla...	8.745	70	48451	36.682	ng	95
20) 3+4-Methylphenols	8.716	107	73217	36.821	ng	96
22) Acetophenone	8.763	105	97870	35.878	ng	96
24) Nitrobenzene	9.139	77	74081	35.457	ng	# 97
25) Isophorone	9.668	82	132729	36.476	ng	# 96
26) 2-Nitrophenol	9.850	139	37350	38.036	ng	94
27) 2,4-Dimethylphenol	9.914	122	57403	36.471	ng	97
28) bis(2-Chloroethoxy)met...	10.149	93	70872	37.025	ng	95
29) 2,4-Dichlorophenol	10.390	162	69745	38.394	ng	97
30) 1,2,4-Trichlorobenzene	10.602	180	77991	38.912	ng	92
31) Naphthalene	10.790	128	199114	37.229	ng	98
32) Benzoic acid	10.073	122	49738	41.475	ng	89
33) 4-Chloroaniline	10.901	127	76159	31.347	ng	97
34) Hexachlorobutadiene	11.078	225	67777	38.452	ng	98
35) Caprolactam	11.689	113	22223	38.408	ng	# 83
36) 4-Chloro-3-methylphenol	12.030	107	77513	36.586	ng	96
37) 2-Methylnaphthalene	12.394	142	158504	37.693	ng	98
38) 1-Methylnaphthalene	12.611	142	147294	37.536	ng	100
40) 1,2,4,5-Tetrachloroben...	12.764	216	120065	41.131	ng	98
41) Hexachlorocyclopentadiene	12.746	237	71771	41.785	ng	98
43) 2,4,6-Trichlorophenol	13.005	196	76052	39.633	ng	97

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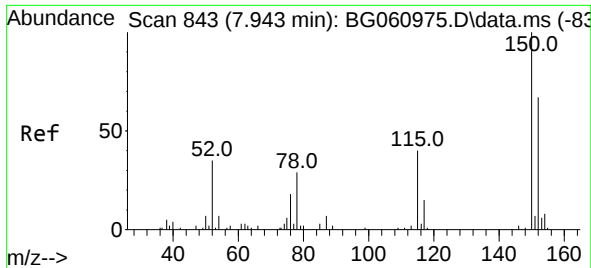
Quant Time: Apr 29 19:33:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	90839	40.020	ng	96
46) 1,1'-Biphenyl	13.404	154	220428	39.839	ng	96
47) 2-Chloronaphthalene	13.446	162	170211	40.122	ng	95
48) 2-Nitroaniline	13.645	65	67758	39.575	ng	90
49) Acenaphthylene	14.292	152	279312	39.093	ng	98
50) Dimethylphthalate	14.033	163	256697	37.897	ng	98
51) 2,6-Dinitrotoluene	14.145	165	52864	37.404	ng	96
52) Acenaphthene	14.638	154	166135	38.268	ng	96
53) 3-Nitroaniline	14.480	138	40594	29.129	ng	93
54) 2,4-Dinitrophenol	14.685	184	34063	39.985	ng	97
55) Dibenzofuran	14.973	168	285692	38.109	ng	98
56) 4-Nitrophenol	14.797	139	41752	41.818	ng	99
57) 2,4-Dinitrotoluene	14.938	165	79434	39.024	ng	96
58) Fluorene	15.619	166	242663	38.350	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.202	232	84093	36.707	ng	99
60) Diethylphthalate	15.396	149	252998	37.927	ng	98
61) 4-Chlorophenyl-phenyle...	15.614	204	146460	37.530	ng	97
62) 4-Nitroaniline	15.637	138	45572	30.327	ng	96
63) Azobenzene	15.907	77	204450	37.682	ng	97
65) 4,6-Dinitro-2-methylph...	15.702	198	52252	40.023	ng	95
66) n-Nitrosodiphenylamine	15.831	169	222803	38.248	ng	99
67) 4-Bromophenyl-phenylether	16.507	248	108996	39.060	ng	100
68) Hexachlorobenzene	16.630	284	117318	38.063	ng	98
69) Atrazine	16.783	200	80287	36.826	ng	98
70) Pentachlorophenol	16.971	266	65856	32.584	ng	98
71) Phenanthrene	17.359	178	406505	37.666	ng	100
72) Anthracene	17.453	178	419941	37.781	ng	99
73) Carbazole	17.723	167	345046	37.378	ng	98
74) Di-n-butylphthalate	18.287	149	428724	38.253	ng	100
75) Fluoranthene	19.374	202	538224	37.578	ng	97
77) Benzidine	19.603	184	10995	2.871	ng	# 91
78) Pyrene	19.732	202	548919	39.006	ng	98
80) Butylbenzylphthalate	20.631	149	181698	38.737	ng	99
81) Benzo(a)anthracene	21.560	228	559673	38.516	ng	97
82) 3,3'-Dichlorobenzidine	21.471	252	165428	31.502	ng	# 99
83) Chrysene	21.624	228	527109	38.101	ng	100
84) Bis(2-ethylhexyl)phtha...	21.483	149	255266	37.432	ng	# 98
85) Di-n-octyl phthalate	22.664	149	427945	37.798	ng	98
87) Indeno(1,2,3-cd)pyrene	28.258	276	682211	39.380	ng	# 99
88) Benzo(b)fluoranthene	23.716	252	535441	37.835	ng	99
89) Benzo(k)fluoranthene	23.786	252	544597	38.120	ng	99
90) Benzo(a)pyrene	24.562	252	519366	37.915	ng	99
91) Dibenzo(a,h)anthracene	28.316	278	574450	40.586	ng	98
92) Benzo(g,h,i)perylene	29.368	276	555502	39.583	ng	99

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

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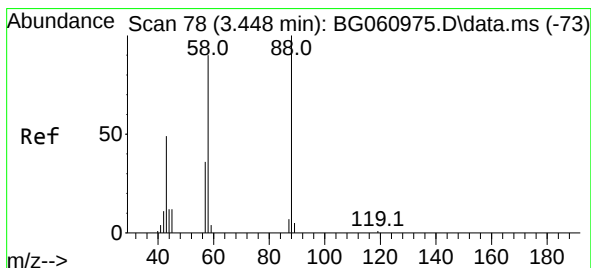
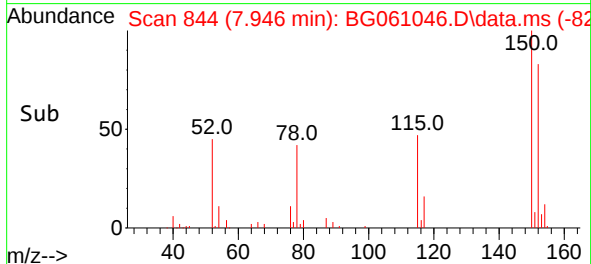
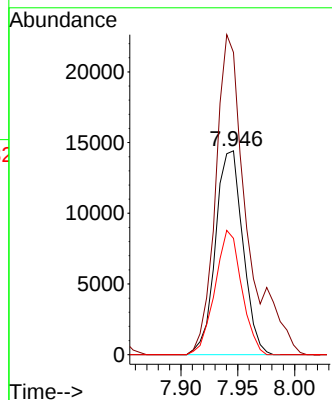
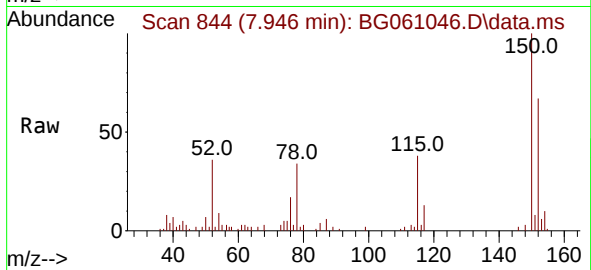




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.946 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: BG061046.D
 Acq: 29 Apr 2024 12:22

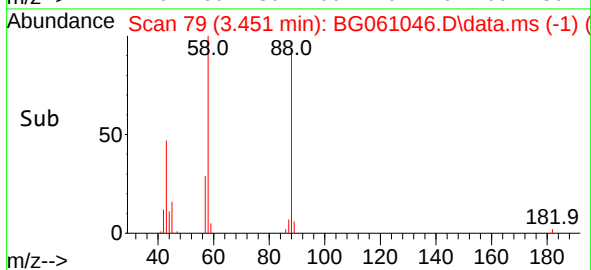
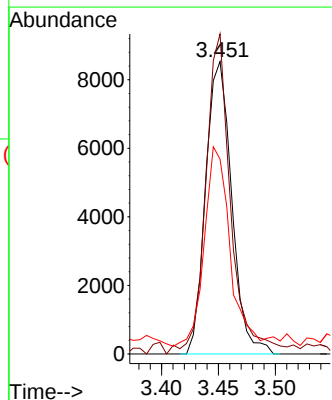
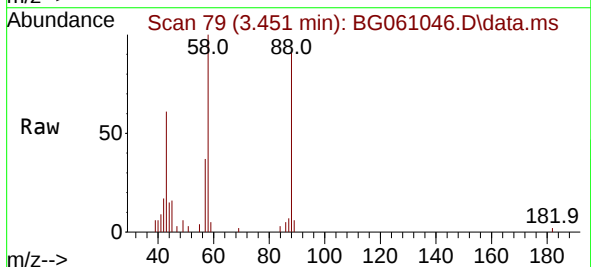
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 BNA_G
 ClientSampleId :

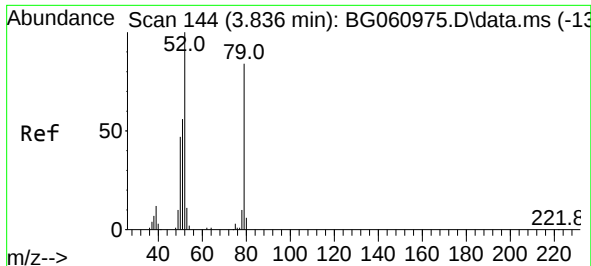
Tgt Ion:152 Resp: 24162
 Ion Ratio Lower Upper
 152 100
 150 148.3 118.6 178.0
 115 57.0 47.4 71.0



#2
 1,4-Dioxane
 Concen: 32.912 ng
 RT: 3.451 min Scan# 79
 Delta R.T. 0.003 min
 Lab File: BG061046.D
 Acq: 29 Apr 2024 12:22

Tgt Ion: 88 Resp: 13606
 Ion Ratio Lower Upper
 88 100
 58 105.2 80.2 120.2
 43 66.8 43.4 65.0#

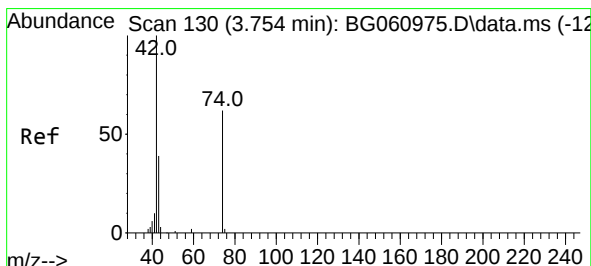
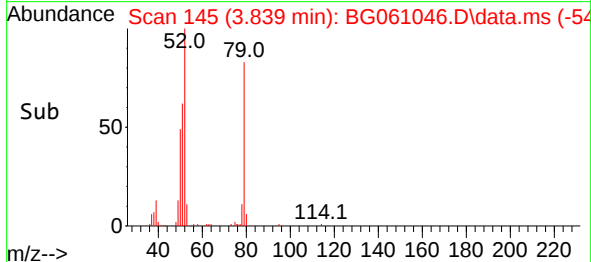
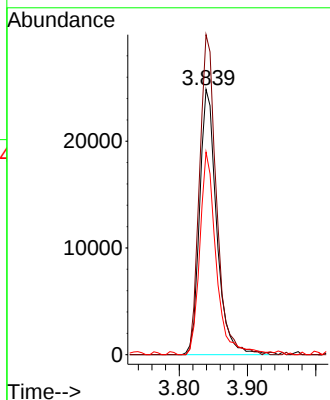
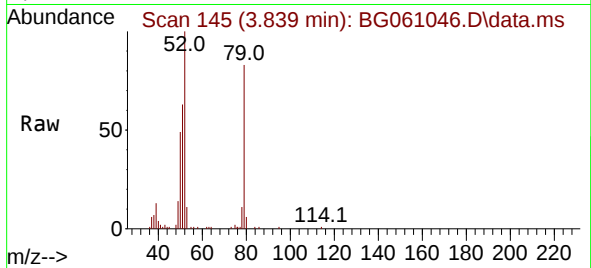




#3
 Pyridine
 Concen: 33.834 ng
 RT: 3.839 min Scan# 14
 Delta R.T. 0.003 min
 Lab File: BG061046.D
 Acq: 29 Apr 2024 12:22

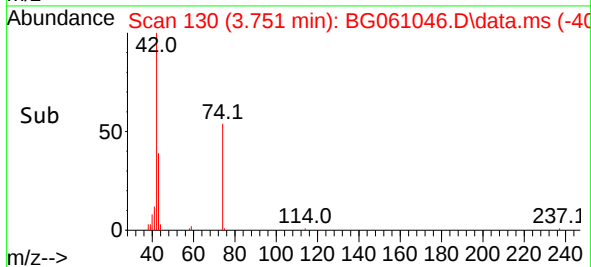
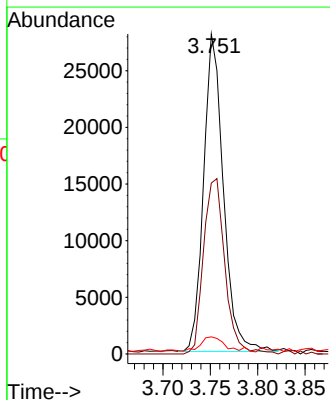
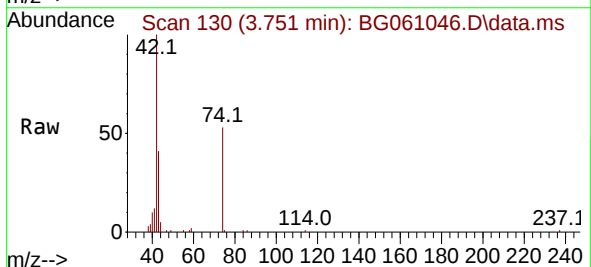
Instrument :
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 ClientSampleId :

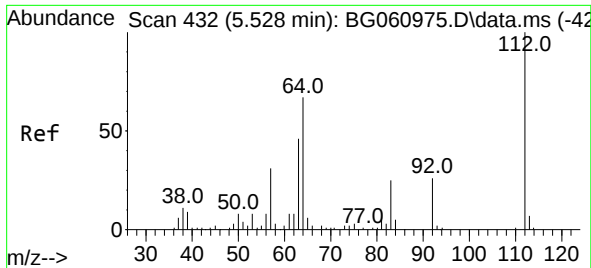
Tgt Ion: 79 Resp: 43236
 Ion Ratio Lower Upper
 79 100
 52 120.6 95.0 142.6
 51 76.3 53.3 79.9



#4
 n-Nitrosodimethylamine
 Concen: 35.376 ng
 RT: 3.751 min Scan# 130
 Delta R.T. -0.003 min
 Lab File: BG061046.D
 Acq: 29 Apr 2024 12:22

Tgt Ion: 42 Resp: 40658
 Ion Ratio Lower Upper
 42 100
 74 53.4 49.8 74.6
 44 5.3 3.8 5.6

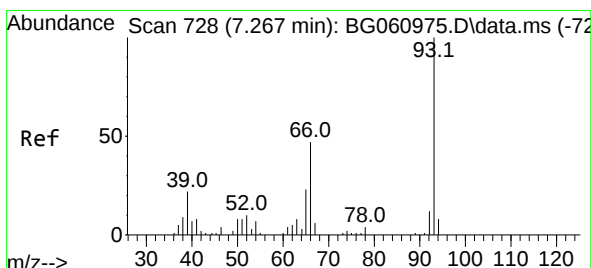
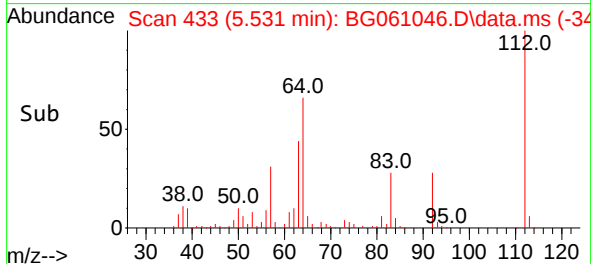
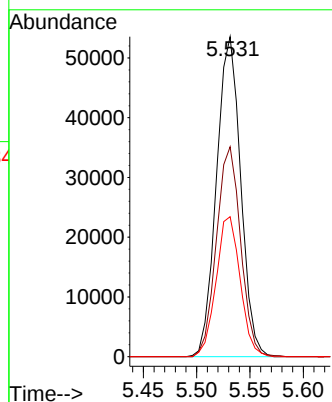
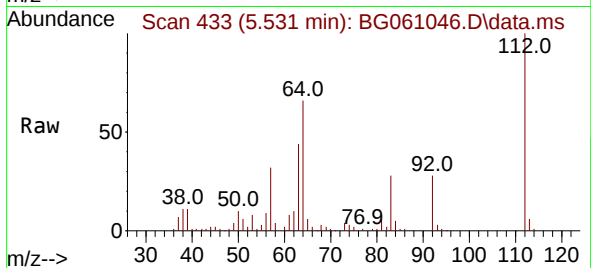




#5
2-Fluorophenol
Concen: 70.618 ng
RT: 5.531 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

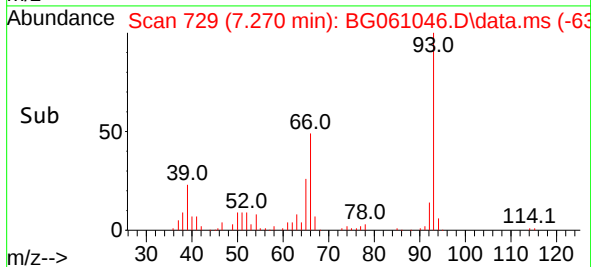
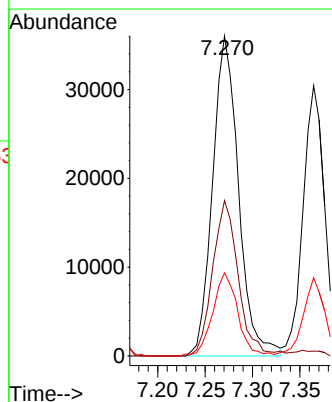
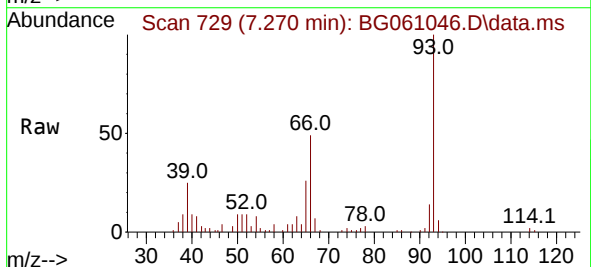
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BNA_G
ClientSampleId :

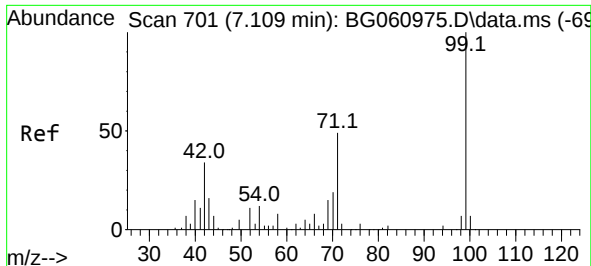
Tgt Ion:112 Resp: 84354
Ion Ratio Lower Upper
112 100
64 65.6 53.7 80.5
63 43.8 37.0 55.6



#6
Aniline
Concen: 32.143 ng
RT: 7.270 min Scan# 729
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

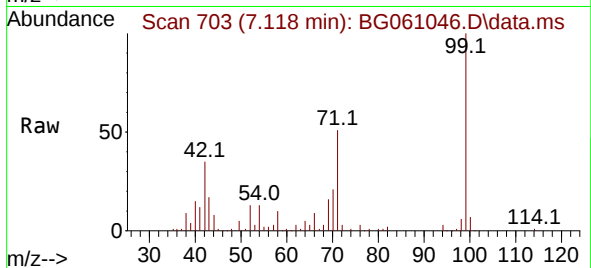
Tgt Ion: 93 Resp: 68468
Ion Ratio Lower Upper
93 100
66 48.6 37.9 56.9
65 26.0 18.2 27.4



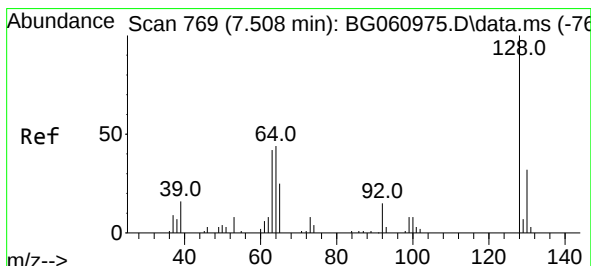
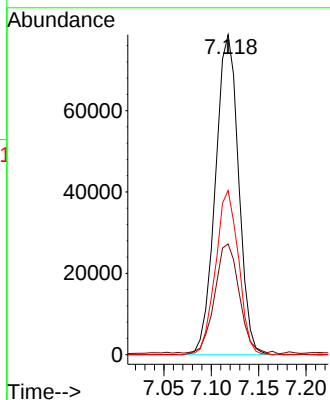
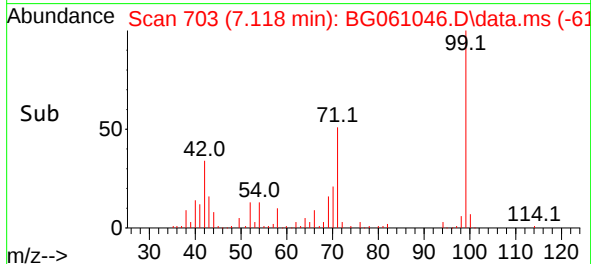


#7
Phenol-d6
Concen: 75.456 ng
RT: 7.118 min Scan# 701
Delta R.T. 0.009 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

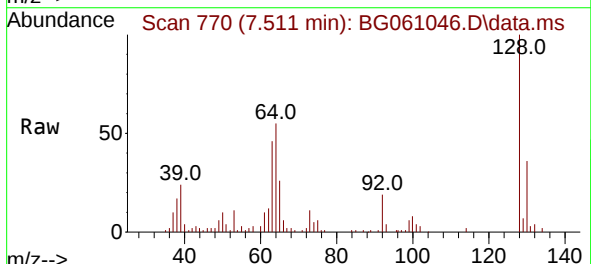
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ClientSampleId :



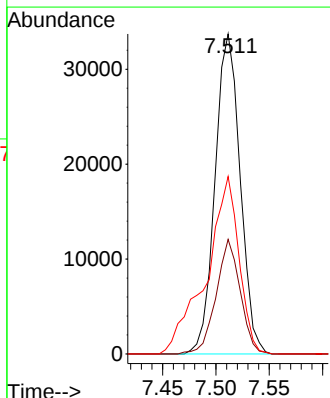
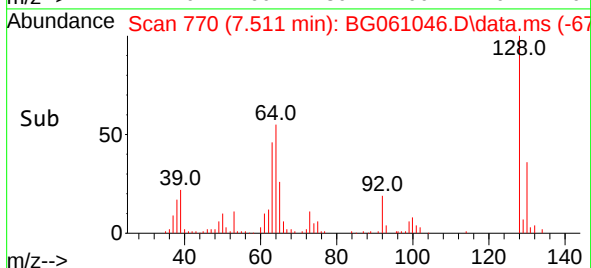
Tgt Ion: 99 Resp: 133733
Ion Ratio Lower Upper
99 100
42 34.6 27.2 40.8
71 51.3 38.8 58.2

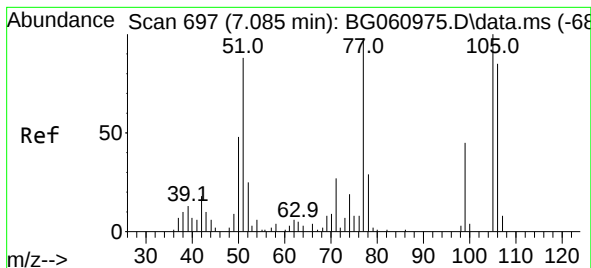


#8
2-Chlorophenol
Concen: 37.032 ng
RT: 7.511 min Scan# 770
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22



Tgt Ion:128 Resp: 55117
Ion Ratio Lower Upper
128 100
130 35.8 12.2 52.2
64 55.5 30.8 70.8





#9

Benzaldehyde

Concen: 38.847 ng

RT: 7.082 min Scan# 697

Delta R.T. -0.003 min

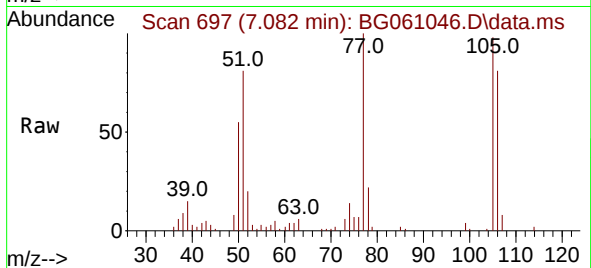
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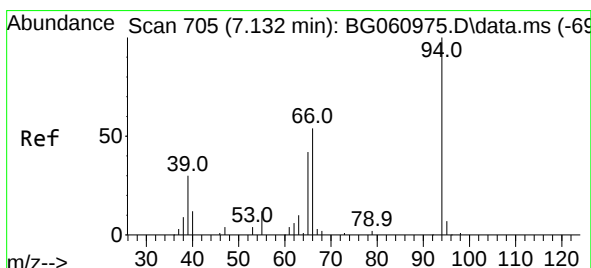
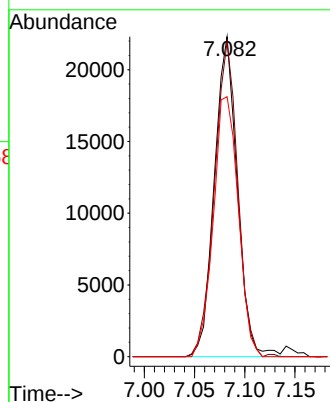
BNA_G

ClientSampleId :



Tgt Ion: 77 Resp: 35414

Ion	Ratio	Lower	Upper
77	100		
105	98.3	81.7	121.7
106	81.2	66.7	106.7



#10

Phenol

Concen: 37.610 ng

RT: 7.141 min Scan# 707

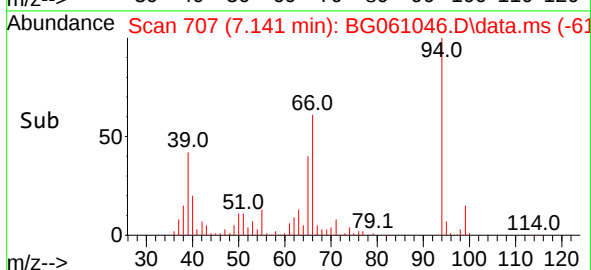
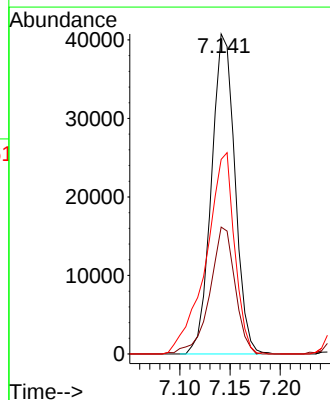
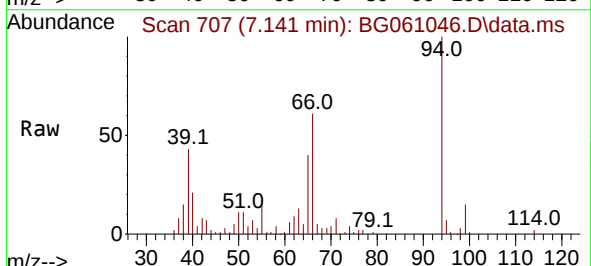
Delta R.T. 0.009 min

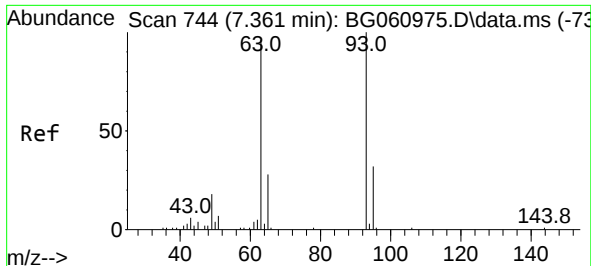
Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Tgt Ion: 94 Resp: 66225

Ion	Ratio	Lower	Upper
94	100		
65	39.6	23.1	63.1
66	60.8	38.0	78.0

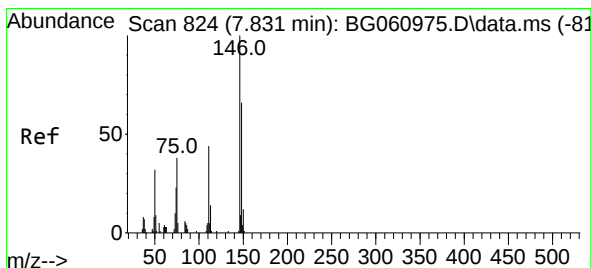
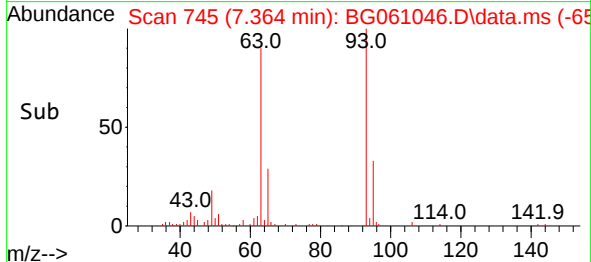
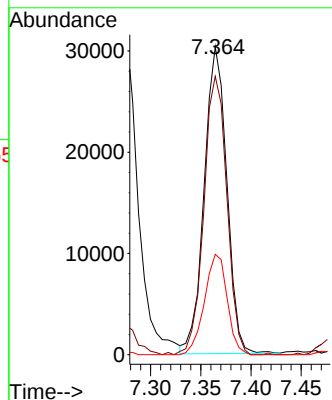
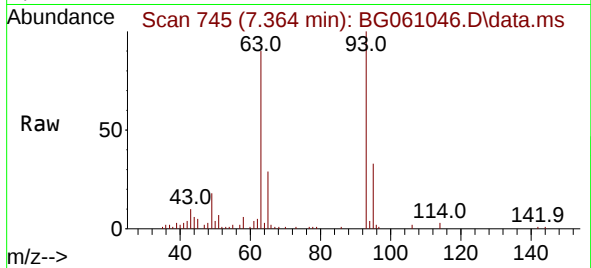




#11
bis(2-Chloroethyl)ether
Concen: 37.667 ng
RT: 7.364 min Scan# 744
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

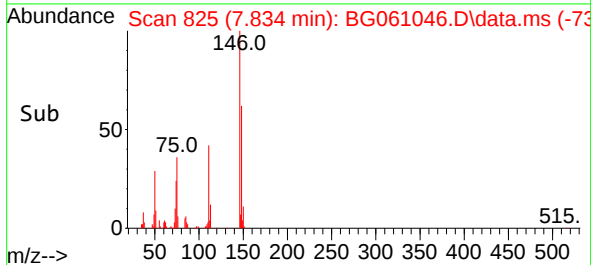
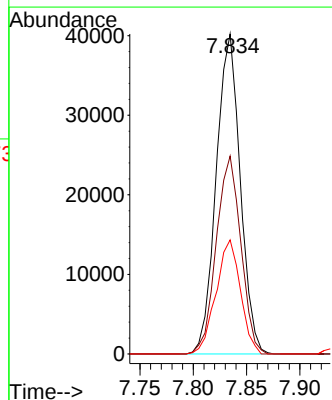
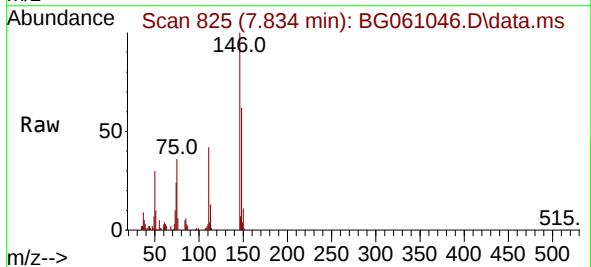
Instrument :
BNA_G
ClientSampleId :

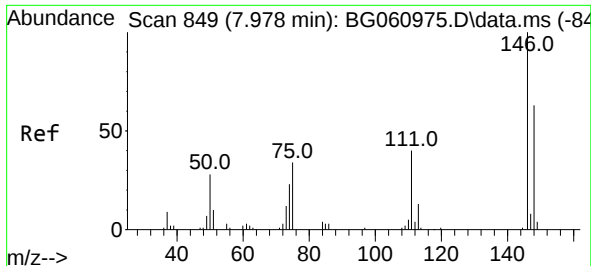
Tgt Ion: 93 Resp: 47453
Ion Ratio Lower Upper
93 100
63 90.4 75.6 115.6
95 32.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 38.169 ng
RT: 7.834 min Scan# 825
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

Tgt Ion:146 Resp: 62998
Ion Ratio Lower Upper
146 100
148 61.8 52.7 79.1
75 35.7 30.1 45.1





#13

1,4-Dichlorobenzene

Concen: 37.986 ng

RT: 7.975 min Scan# 849

Delta R.T. -0.003 min

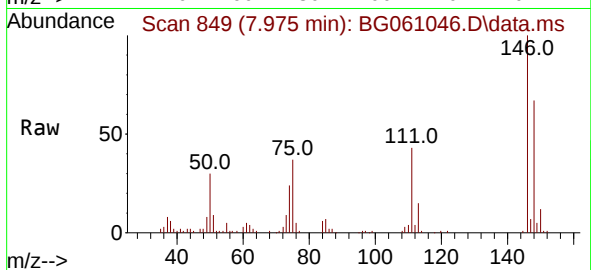
Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :



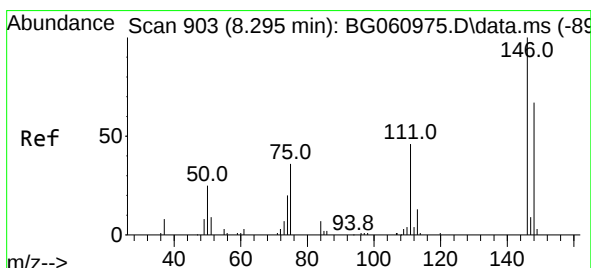
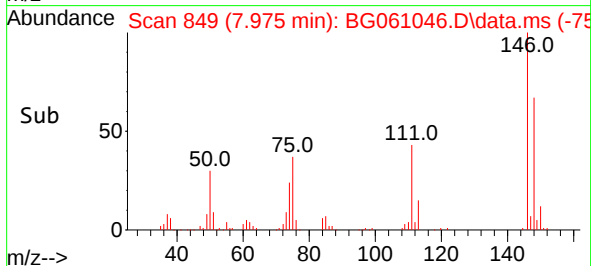
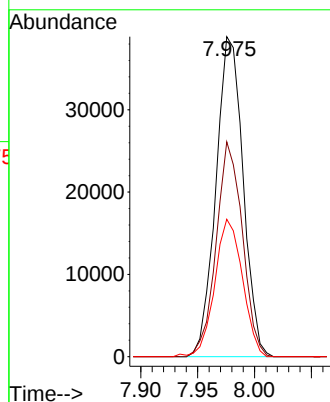
Tgt Ion:146 Resp: 64580

Ion Ratio Lower Upper

146 100

148 67.1 50.4 75.6

111 42.9 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 38.161 ng

RT: 8.299 min Scan# 904

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

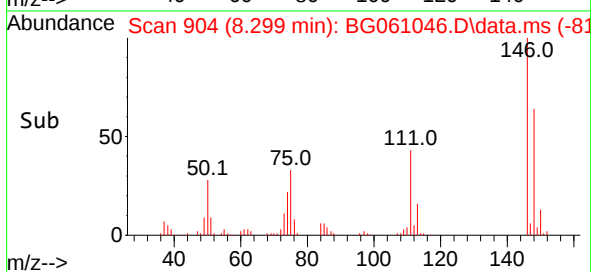
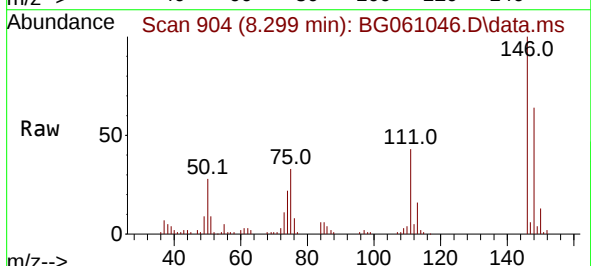
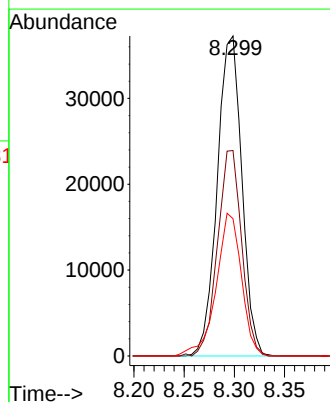
Tgt Ion:146 Resp: 63404

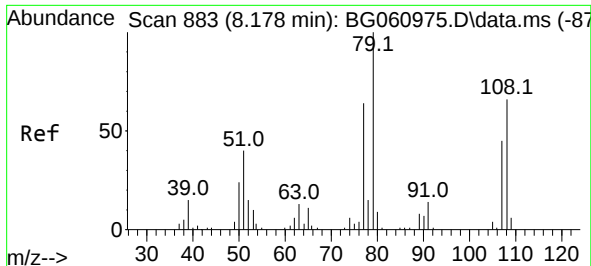
Ion Ratio Lower Upper

146 100

148 64.2 53.8 80.8

111 42.9 38.2 57.2

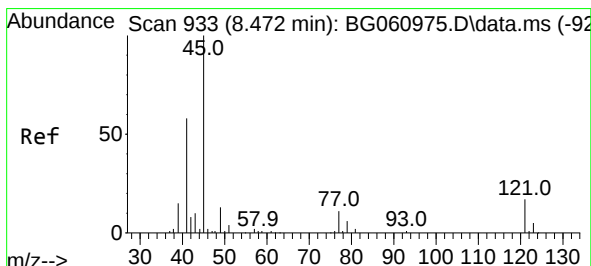
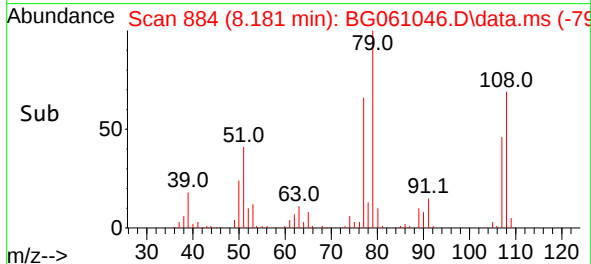
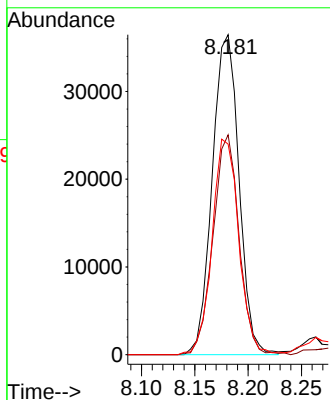
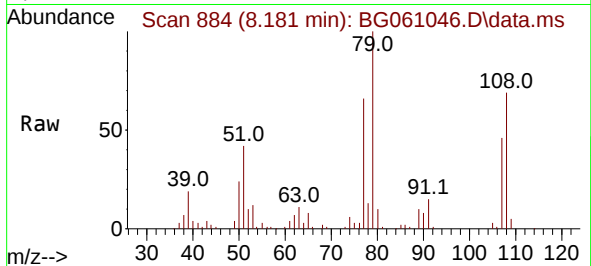




#15
Benzyl Alcohol
Concen: 37.938 ng
RT: 8.181 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

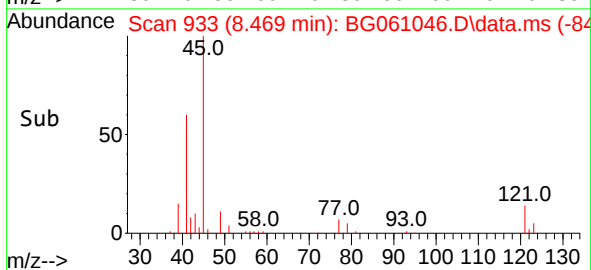
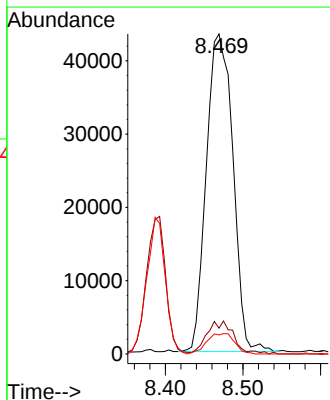
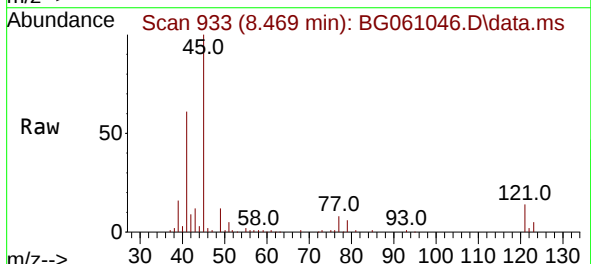
Instrument :
BNA_G
ClientSampleId :

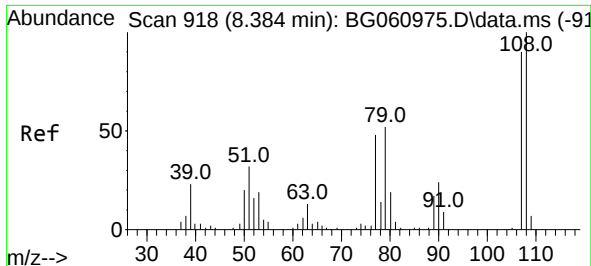
Tgt Ion: 79 Resp: 63485
Ion Ratio Lower Upper
79 100
108 68.7 53.0 79.6
77 65.8 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.611 ng
RT: 8.469 min Scan# 933
Delta R.T. -0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

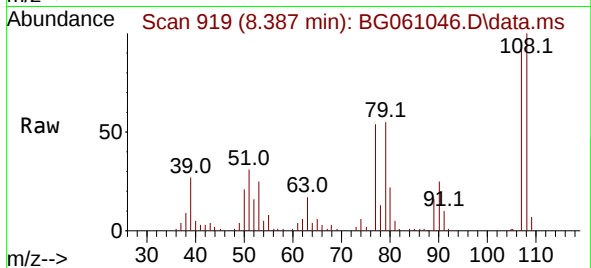
Tgt Ion: 45 Resp: 103146
Ion Ratio Lower Upper
45 100
77 8.1 0.0 30.6
79 6.0 0.0 26.6



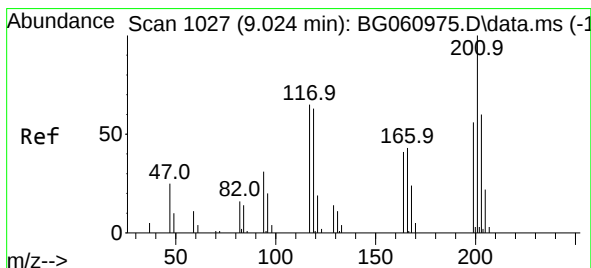
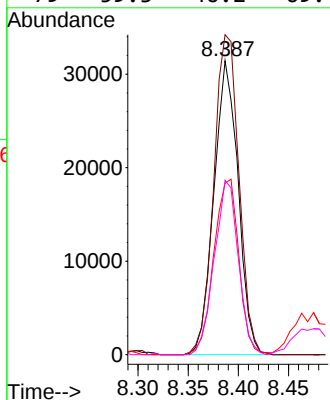
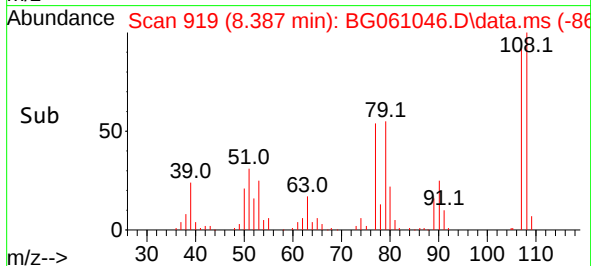


#17
2-Methylphenol
Concen: 37.135 ng
RT: 8.387 min Scan# 918
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

Instrument :
BNA_G
ClientSampleId :

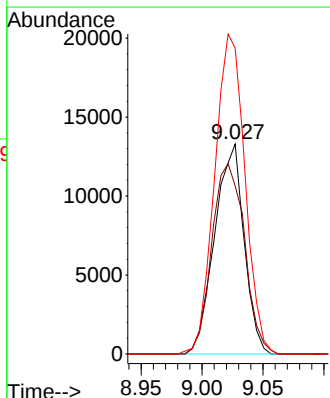
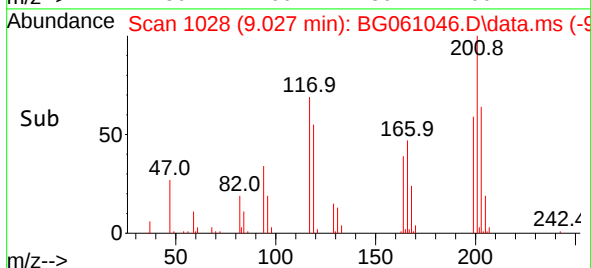
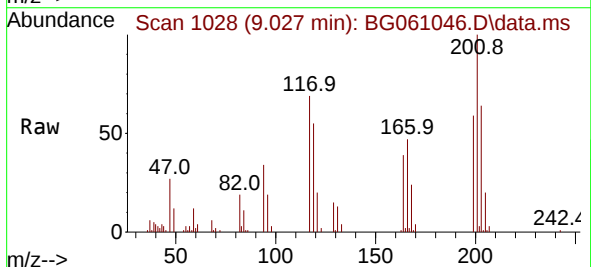


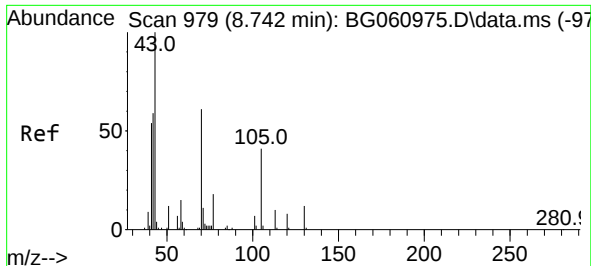
Tgt Ion:	107	Resp:	52798
Ion	Ratio	Lower	Upper
107	100		
108	108.9	89.2	133.8
77	58.4	43.0	64.6
79	59.3	46.2	69.4



#18
Hexachloroethane
Concen: 36.371 ng
RT: 9.027 min Scan# 1028
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

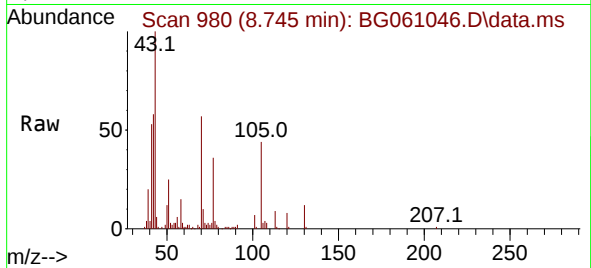
Tgt Ion:	117	Resp:	22281
Ion	Ratio	Lower	Upper
117	100		
119	80.0	79.8	119.8
201	145.7	124.0	186.0



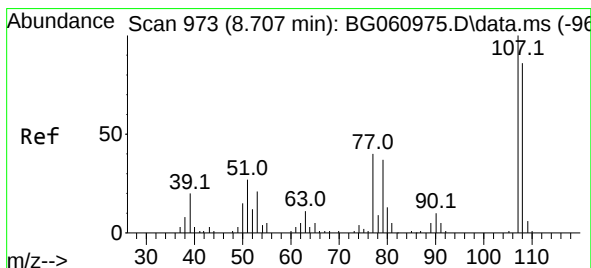
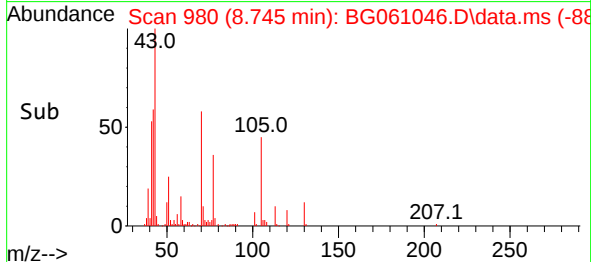
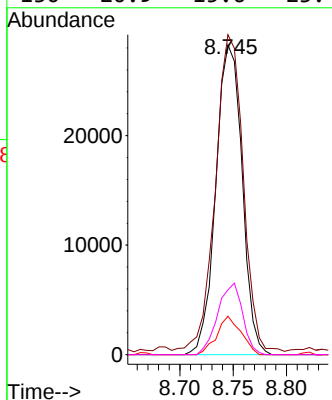


#19
n-Nitroso-di-n-propylamine
Concen: 36.682 ng
RT: 8.745 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

Instrument :
BNA_G
ClientSampleId :

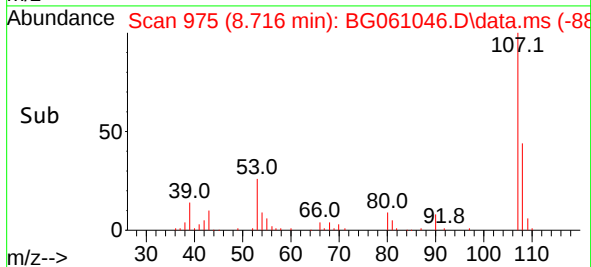
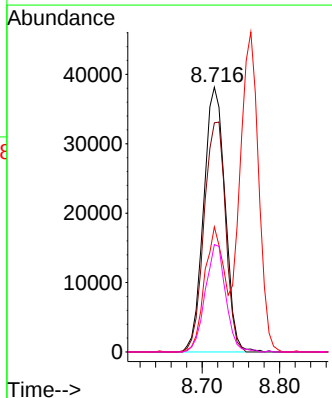
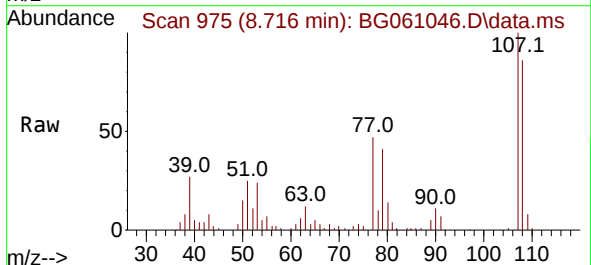


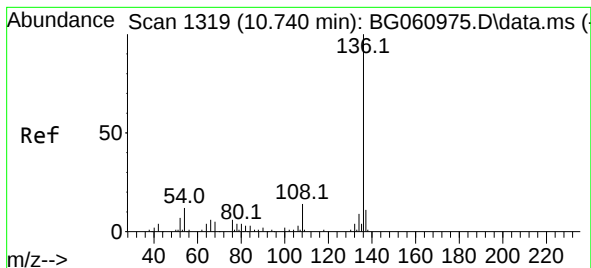
Tgt Ion: 70 Resp: 48451
Ion Ratio Lower Upper
70 100
42 103.3 78.0 117.0
101 12.4 8.6 13.0
130 20.9 15.6 23.4



#20
3+4-Methylphenols
Concen: 36.821 ng
RT: 8.716 min Scan# 975
Delta R.T. 0.009 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

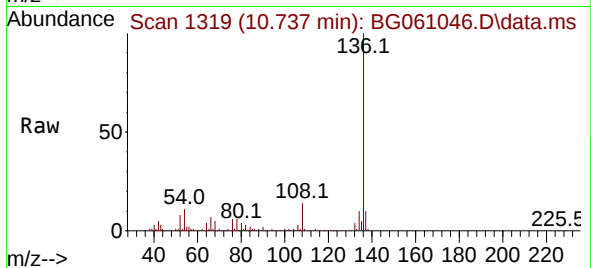
Tgt Ion: 107 Resp: 73217
Ion Ratio Lower Upper
107 100
108 86.5 66.5 106.5
77 47.2 19.9 59.9
79 40.5 16.9 56.9



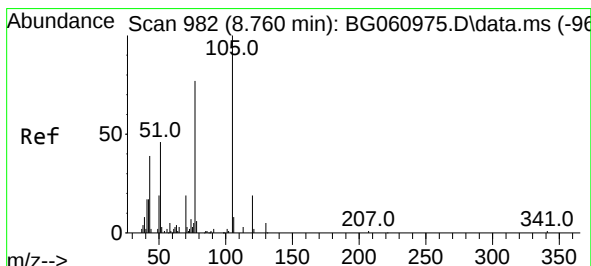
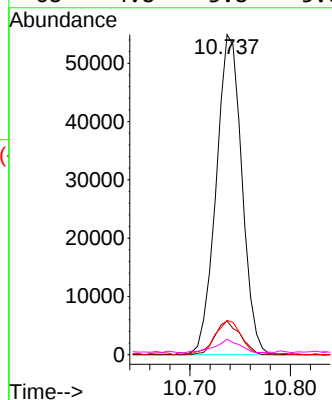
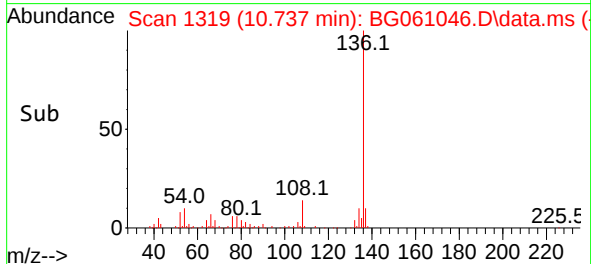


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

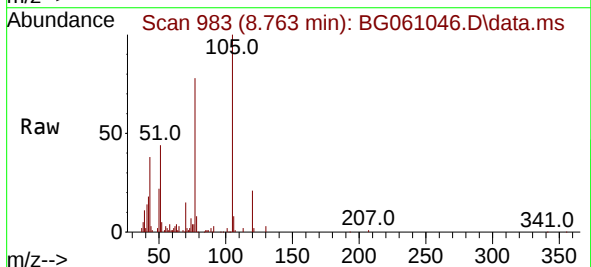
Instrument :
BNA_G
ClientSampleId :



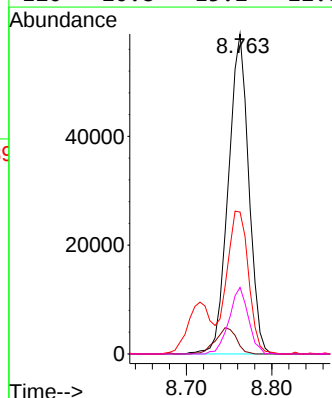
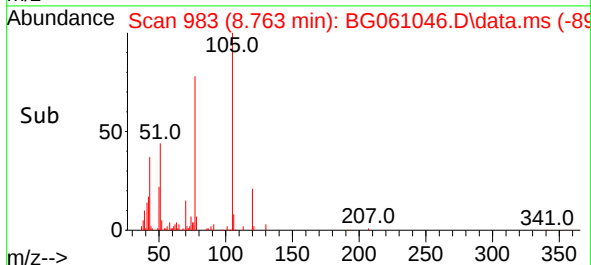
Tgt Ion:	136	Resp:	97690
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	10.7	9.4	14.0
68	4.8	3.8	5.6

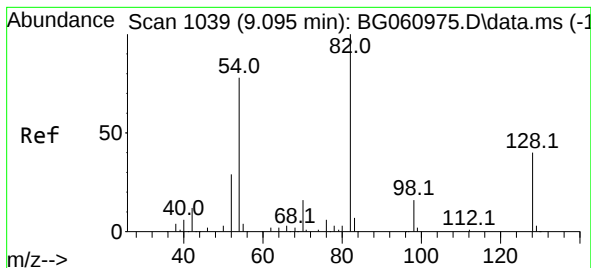


#22
Acetophenone
Concen: 35.878 ng
RT: 8.763 min Scan# 983
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22



Tgt Ion:	105	Resp:	97870
Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.5	3.7
51	44.3	37.8	56.6
120	20.8	15.2	22.8





#23

Nitrobenzene-d5

Concen: 71.897 ng

RT: 9.098 min Scan# 1039

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

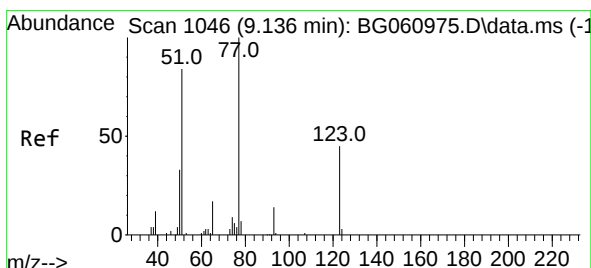
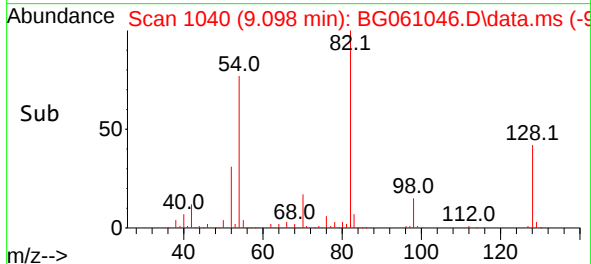
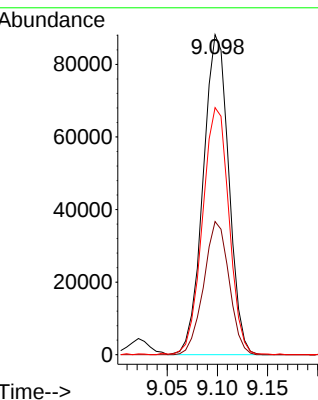
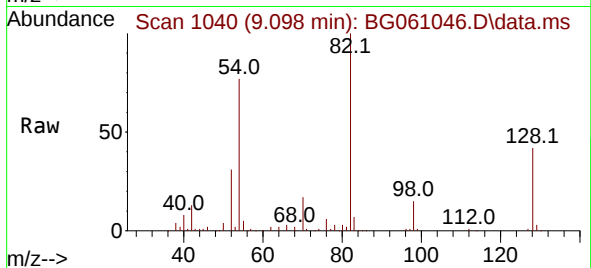
Tgt Ion: 82 Resp: 156326

Ion Ratio Lower Upper

82 100

128 41.6 32.1 48.1

54 77.2 62.3 93.5



#24

Nitrobenzene

Concen: 35.457 ng

RT: 9.139 min Scan# 1047

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

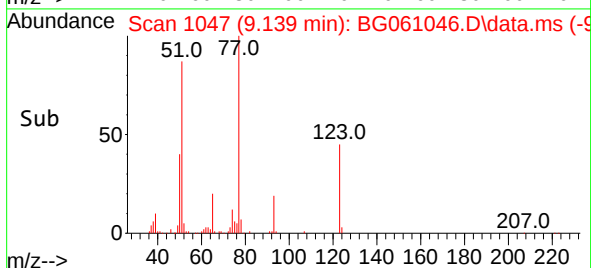
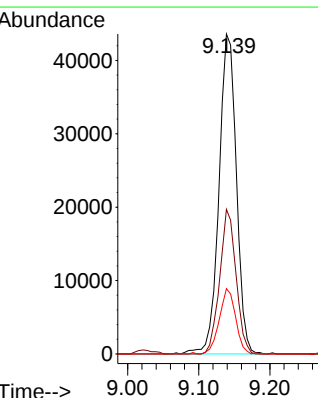
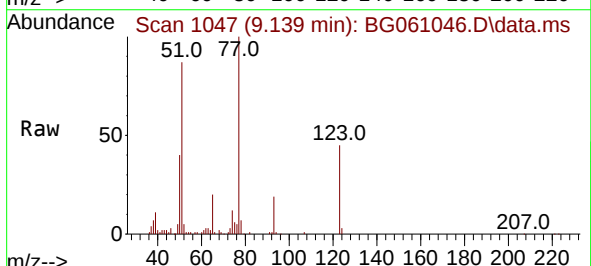
Tgt Ion: 77 Resp: 74081

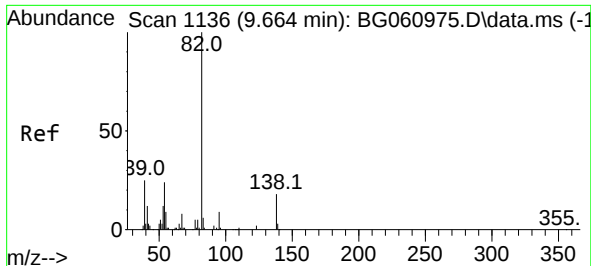
Ion Ratio Lower Upper

77 100

123 45.2 35.9 53.9

65 20.4 13.3 19.9#

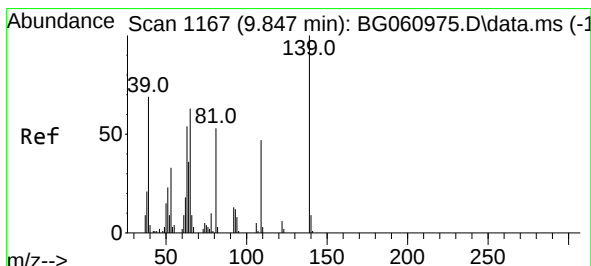
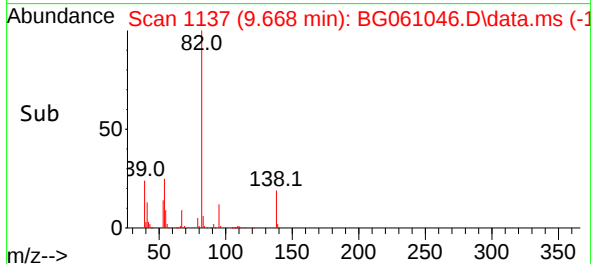
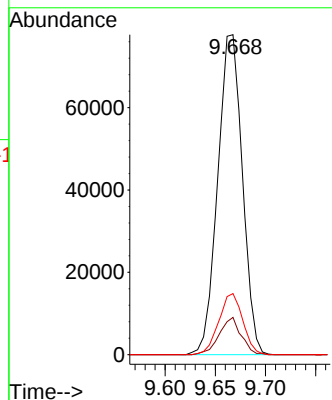
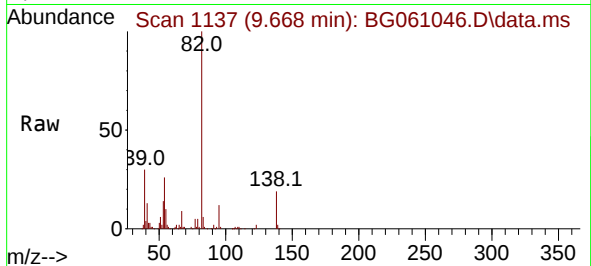




#25
Isophorone
Concen: 36.476 ng
RT: 9.668 min Scan# 1136
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

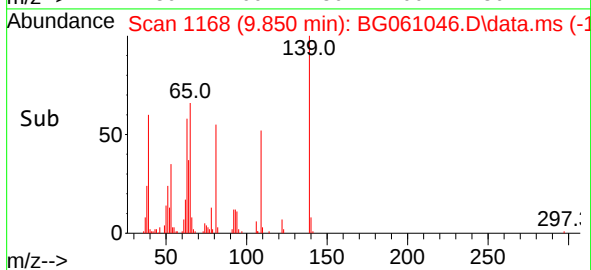
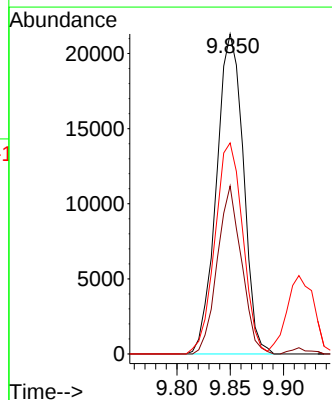
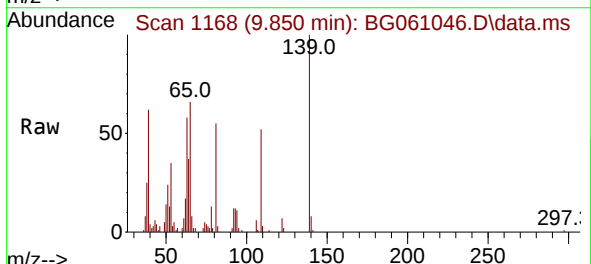
Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 132729
Ion Ratio Lower Upper
82 100
95 11.6 7.6 11.4#
138 19.1 14.2 21.2



#26
2-Nitrophenol
Concen: 38.036 ng
RT: 9.850 min Scan# 1168
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

Tgt Ion:139 Resp: 37350
Ion Ratio Lower Upper
139 100
109 52.5 37.4 56.2
65 66.0 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 36.471 ng

RT: 9.914 min Scan# 1179

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

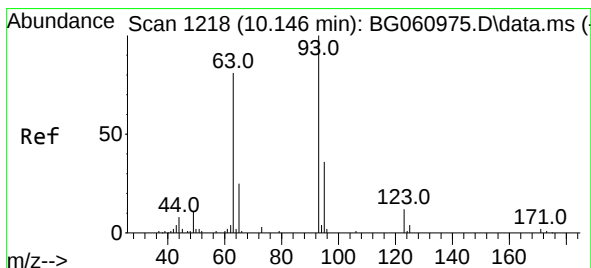
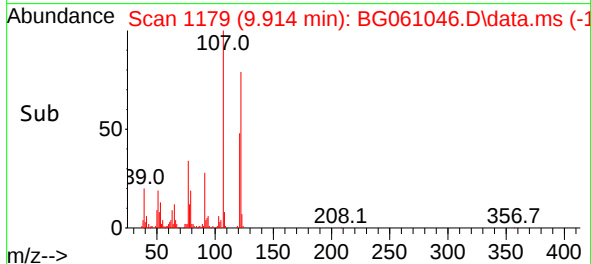
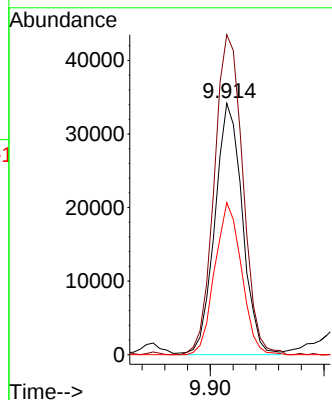
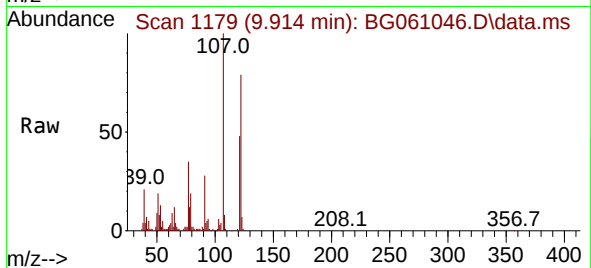
Tgt Ion:122 Resp: 57403

Ion Ratio Lower Upper

122 100

107 127.3 98.7 148.1

121 60.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 37.025 ng

RT: 10.149 min Scan# 1219

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

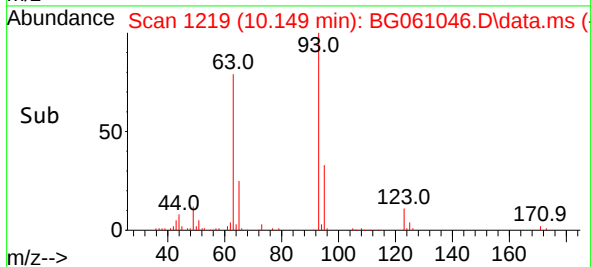
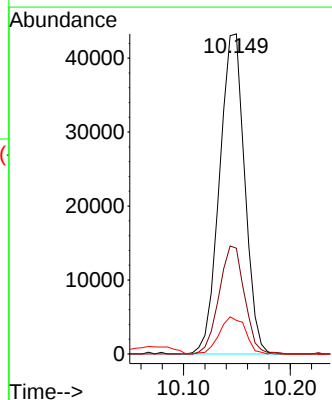
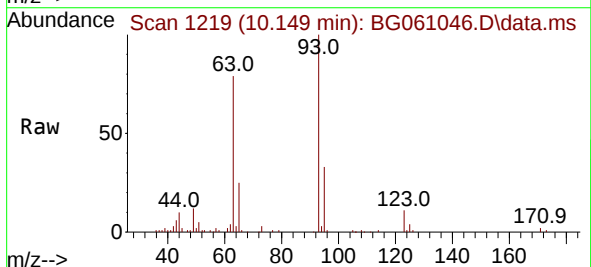
Tgt Ion: 93 Resp: 70872

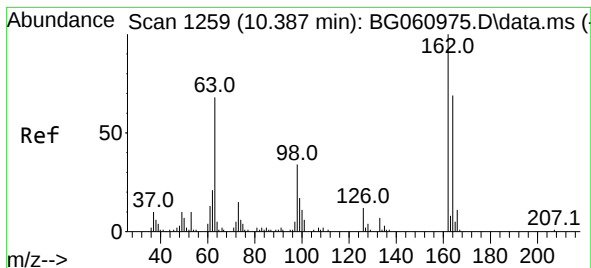
Ion Ratio Lower Upper

93 100

95 33.1 28.8 43.2

123 10.5 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 38.394 ng

RT: 10.390 min Scan# 1260

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

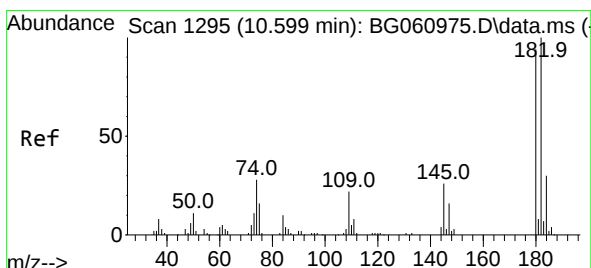
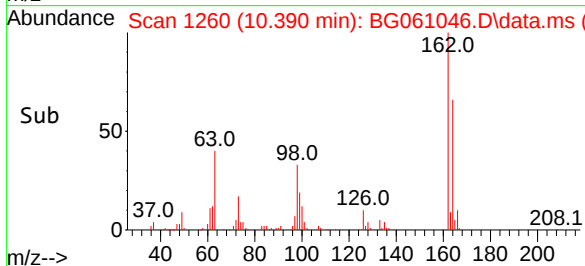
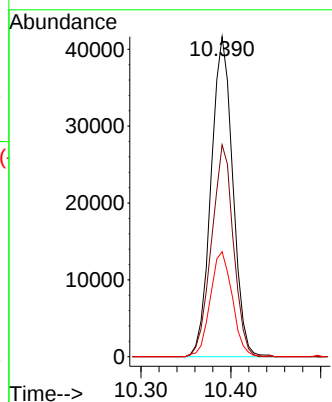
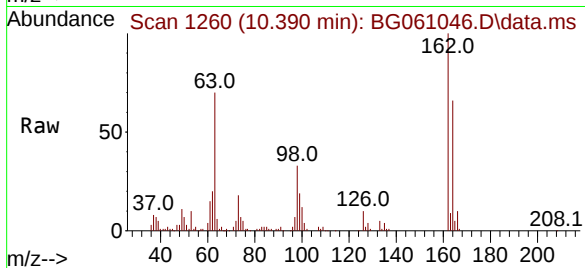
Tgt Ion:162 Resp: 69745

Ion Ratio Lower Upper

162 100

164 66.2 49.0 89.0

98 32.8 14.3 54.3



#30

1,2,4-Trichlorobenzene

Concen: 38.912 ng

RT: 10.602 min Scan# 1296

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

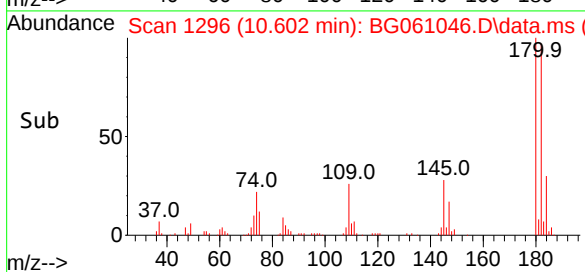
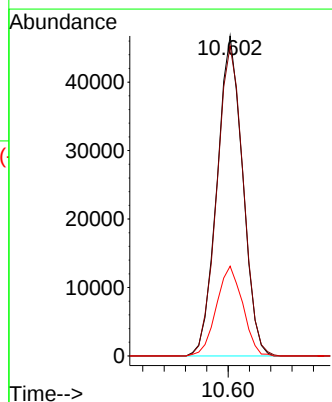
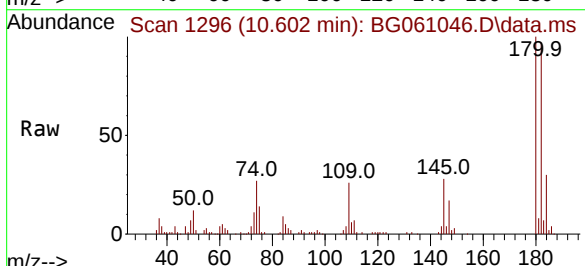
Tgt Ion:180 Resp: 77991

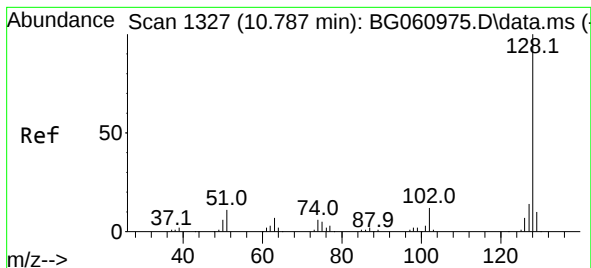
Ion Ratio Lower Upper

180 100

182 96.9 85.4 128.2

145 28.1 22.6 33.8





#31

Naphthalene

Concen: 37.229 ng

RT: 10.790 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

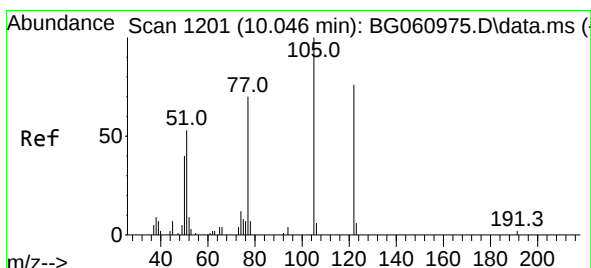
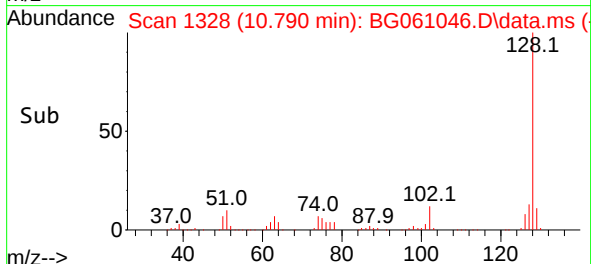
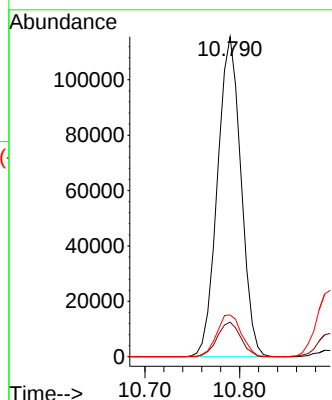
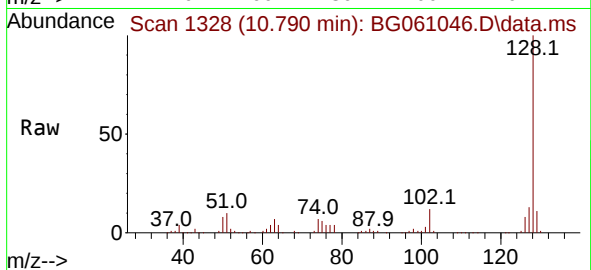
Tgt Ion:128 Resp: 199114

Ion Ratio Lower Upper

128 100

129 10.8 8.2 12.4

127 13.1 11.4 17.2



#32

Benzoic acid

Concen: 41.475 ng

RT: 10.073 min Scan# 1206

Delta R.T. 0.027 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

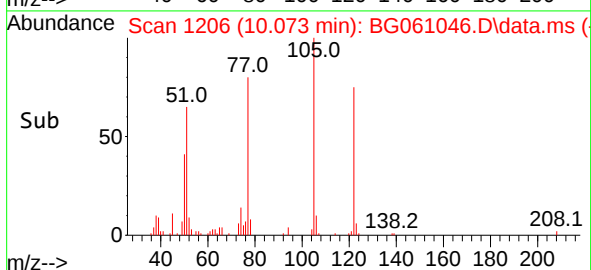
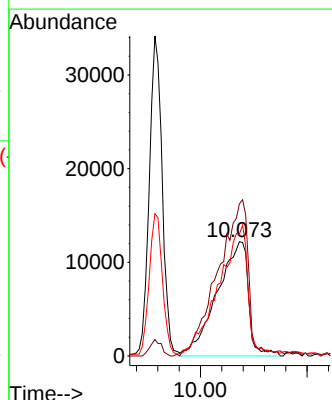
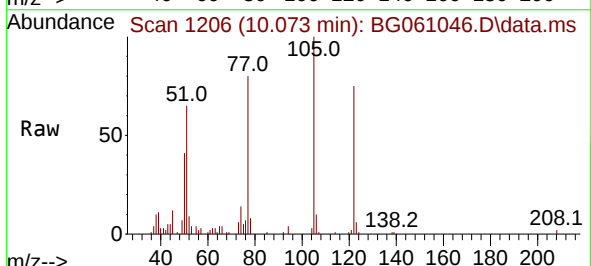
Tgt Ion:122 Resp: 49738

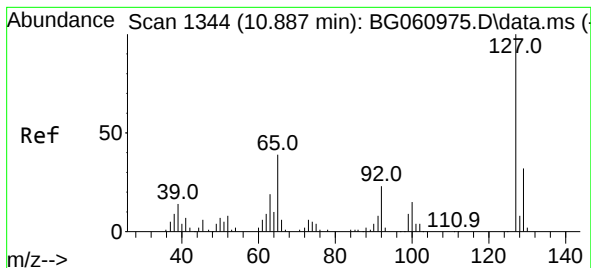
Ion Ratio Lower Upper

122 100

105 133.3 106.2 146.2

77 106.8 70.1 110.1

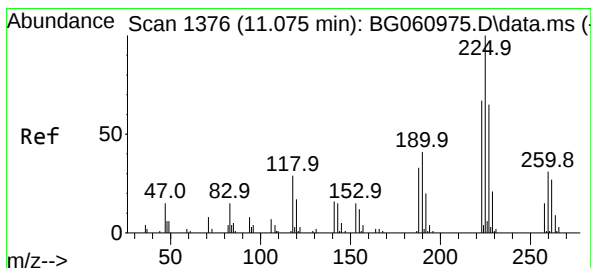
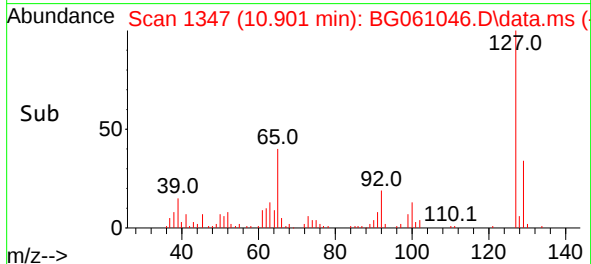
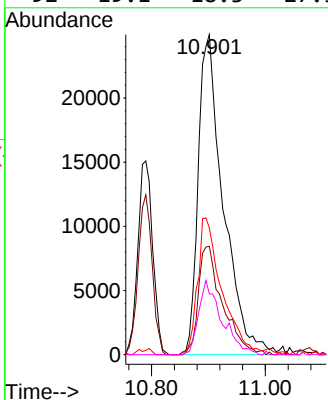
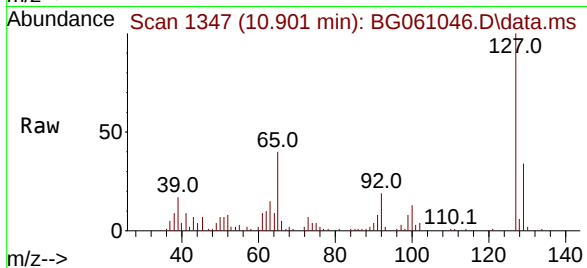




#33
4-Chloroaniline
Concen: 31.347 ng
RT: 10.901 min Scan# 11
Delta R.T. 0.015 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

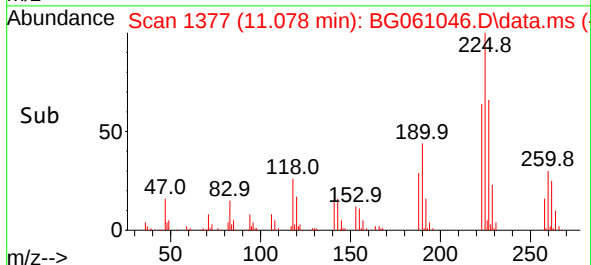
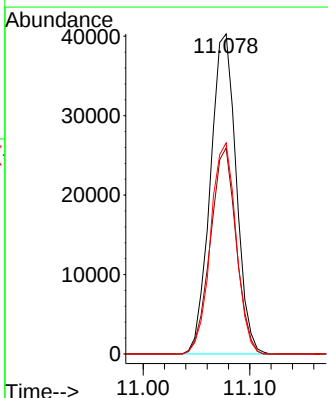
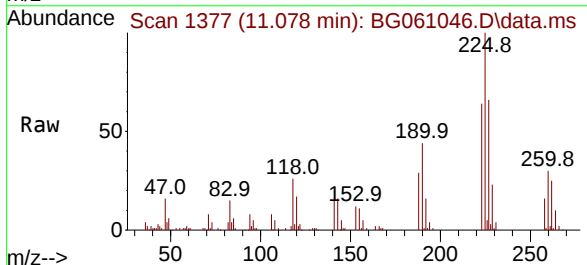
Instrument :
BNA_G
ClientSampleId :

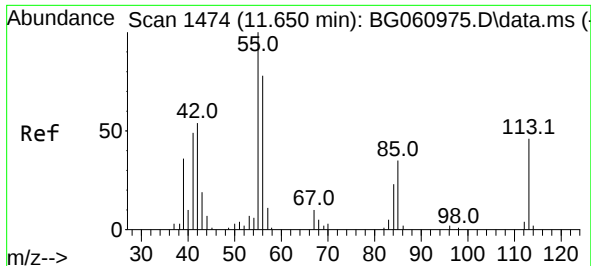
Tgt Ion:	127	Resp:	76159
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.7	38.5
65	39.6	31.4	47.0
92	19.1	18.3	27.5



#34
Hexachlorobutadiene
Concen: 38.452 ng
RT: 11.078 min Scan# 1377
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

Tgt Ion:	225	Resp:	67777
Ion	Ratio	Lower	Upper
225	100		
223	64.3	53.2	79.8
227	65.9	51.9	77.9

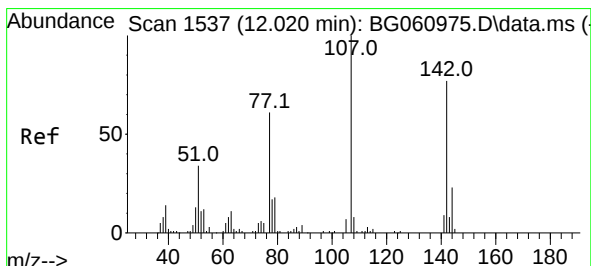
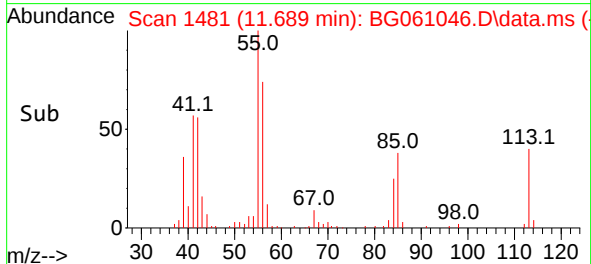
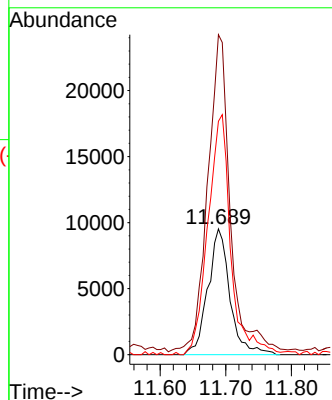
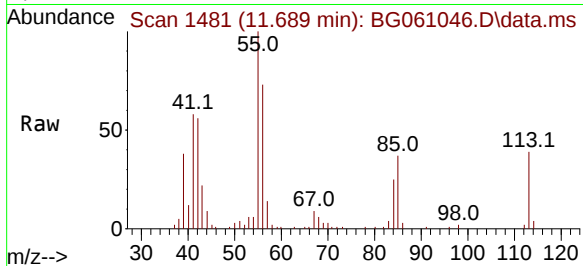




#35
 Caprolactam
 Concen: 38.408 ng
 RT: 11.689 min Scan# 1474
 Delta R.T. 0.038 min
 Lab File: BG061046.D
 Acq: 29 Apr 2024 12:22

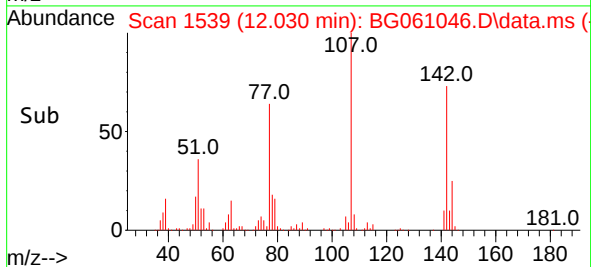
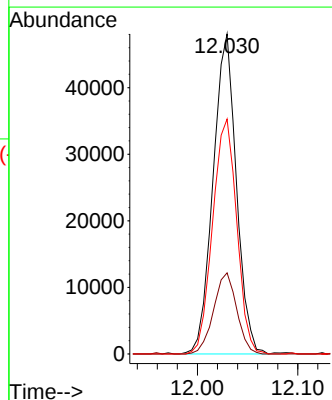
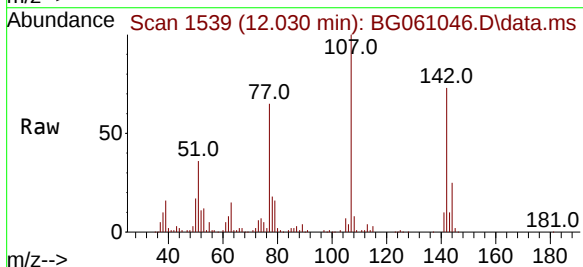
Instrument :
 BNA_G
 ClientSampleId :

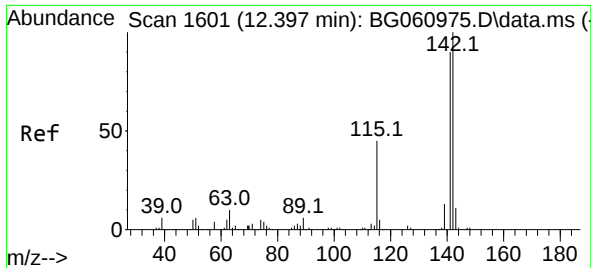
Tgt Ion:113 Resp: 22223
 Ion Ratio Lower Upper
 113 100
 55 254.4 197.9 237.9#
 56 185.6 151.1 191.1



#36
 4-Chloro-3-methylphenol
 Concen: 36.586 ng
 RT: 12.030 min Scan# 1539
 Delta R.T. 0.009 min
 Lab File: BG061046.D
 Acq: 29 Apr 2024 12:22

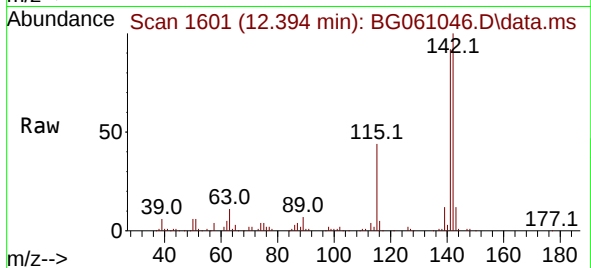
Tgt Ion:107 Resp: 77513
 Ion Ratio Lower Upper
 107 100
 144 25.4 18.5 27.7
 142 73.4 61.4 92.0



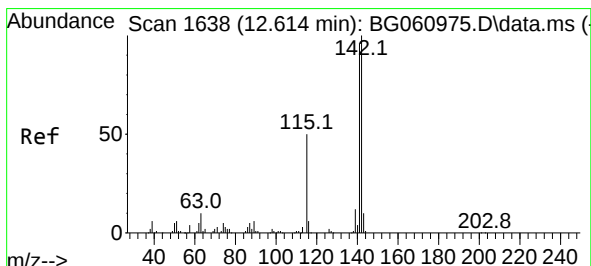
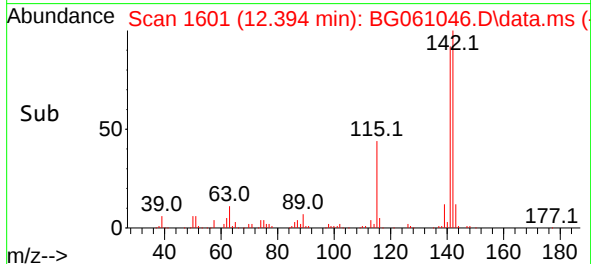
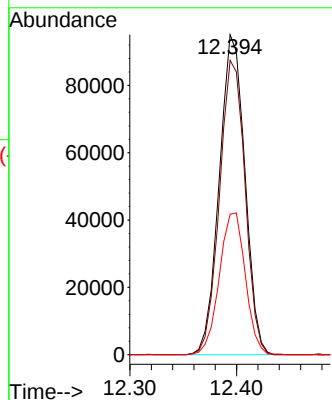


#37
2-Methylnaphthalene
Concen: 37.693 ng
RT: 12.394 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

Instrument :
BNA_G
ClientSampleId :

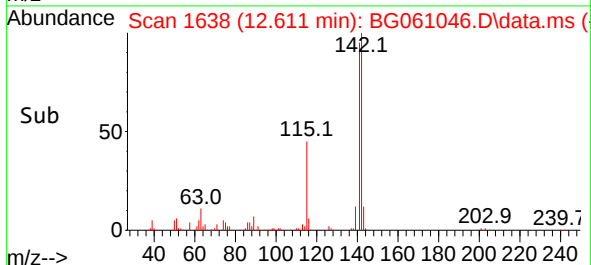
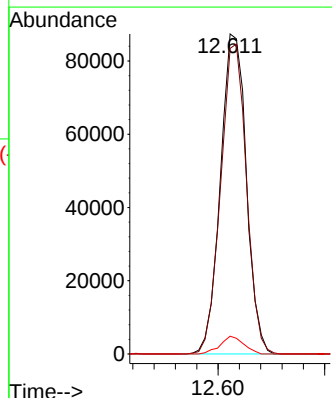
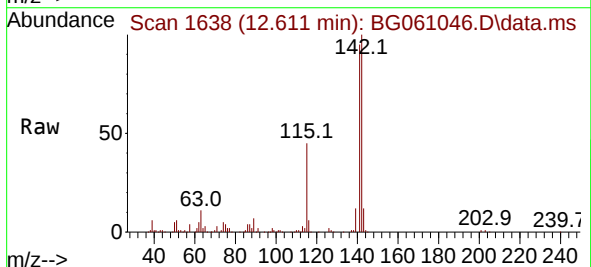


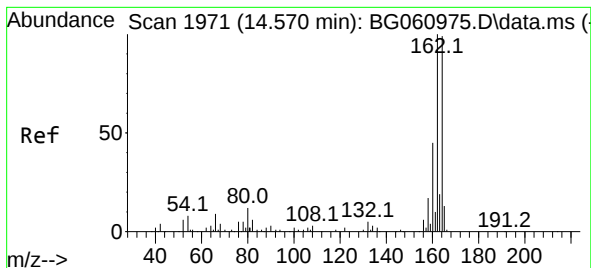
Tgt Ion:142 Resp: 158504
Ion Ratio Lower Upper
142 100
141 92.0 72.2 108.4
115 43.9 35.9 53.9



#38
1-Methylnaphthalene
Concen: 37.536 ng
RT: 12.611 min Scan# 1638
Delta R.T. -0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

Tgt Ion:142 Resp: 147294
Ion Ratio Lower Upper
142 100
141 95.5 76.8 115.2
116 5.5 4.4 6.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1971

Delta R.T. 0.003 min

Lab File: BG061046.D

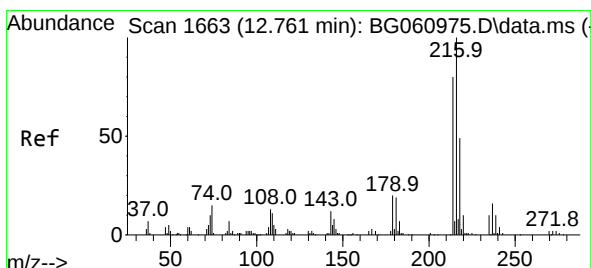
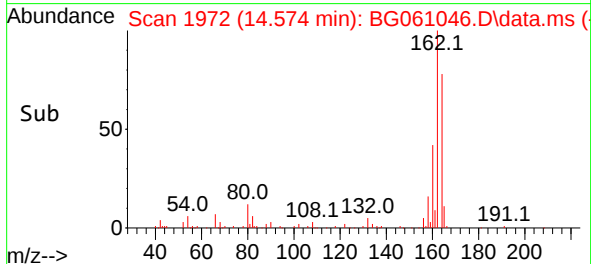
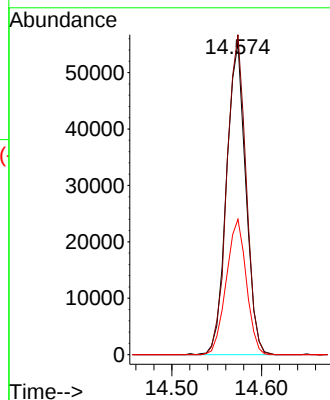
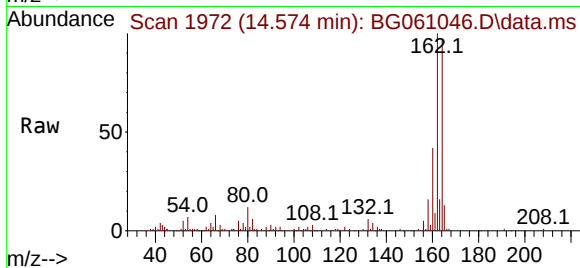
Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:164	Resp:	82142
Ion Ratio	Lower	Upper
164	100	
162	102.6	81.2 121.8
160	43.4	36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.131 ng

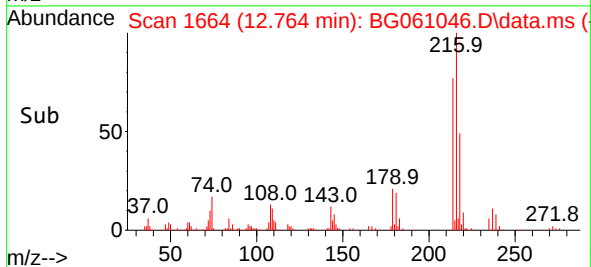
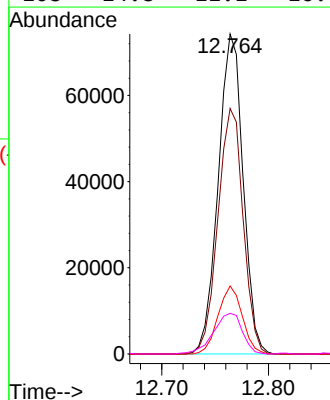
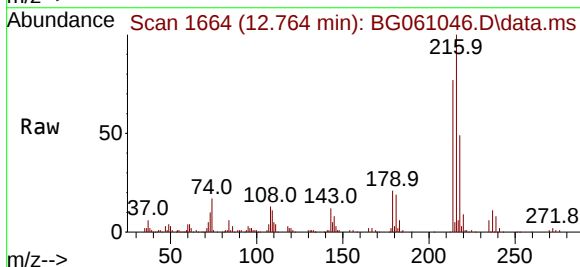
RT: 12.764 min Scan# 1664

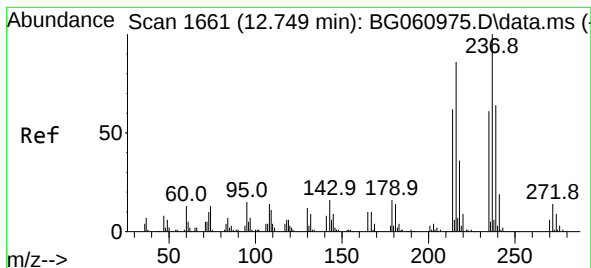
Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Tgt Ion:216	Resp:	120065
Ion Ratio	Lower	Upper
216	100	
214	77.8	63.3 94.9
179	20.7	15.2 22.8
108	14.8	11.1 16.7





#41

Hexachlorocyclopentadiene

Concen: 41.785 ng

RT: 12.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

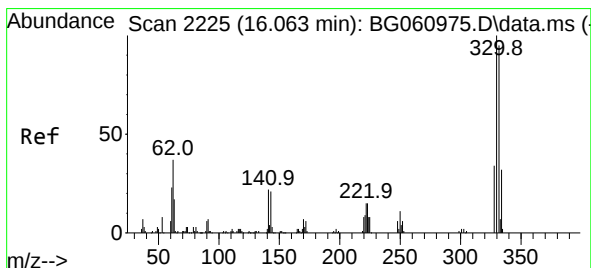
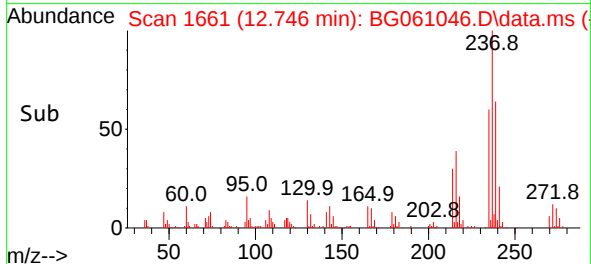
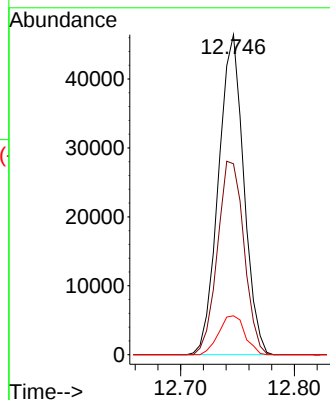
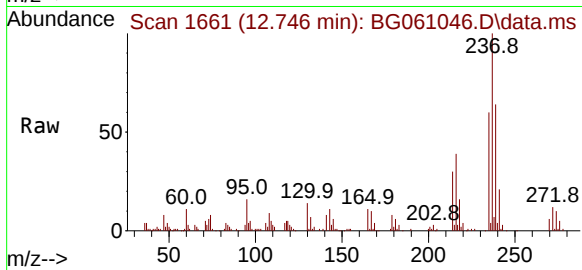
Tgt Ion:237 Resp: 71771

Ion Ratio Lower Upper

237 100

235 59.6 40.7 80.7

272 12.2 0.0 34.5



#42

2,4,6-Tribromophenol

Concen: 75.222 ng

RT: 16.060 min Scan# 2225

Delta R.T. -0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

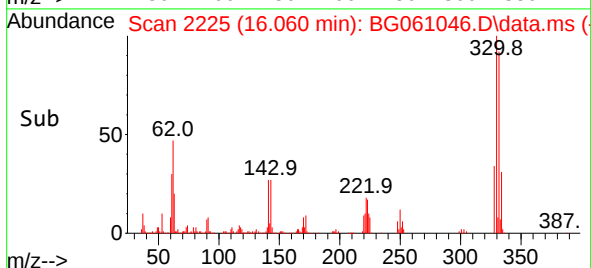
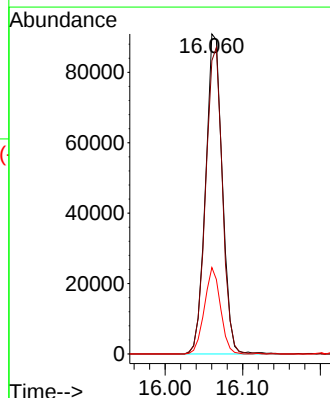
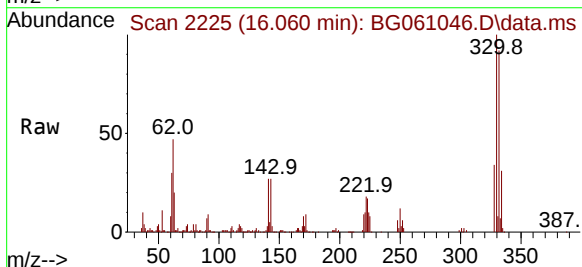
Tgt Ion:330 Resp: 135684

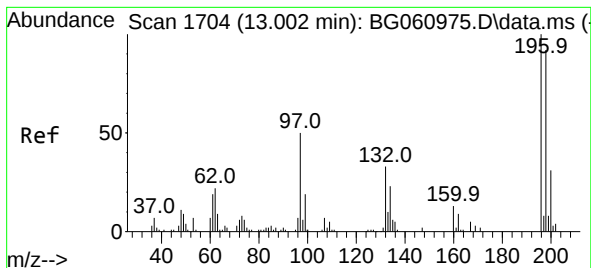
Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 25.9 20.6 31.0





#43

2,4,6-Trichlorophenol

Concen: 39.633 ng

RT: 13.005 min Scan# 1

Delta R.T. 0.003 min

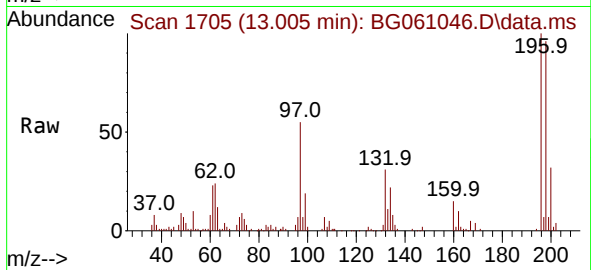
Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :



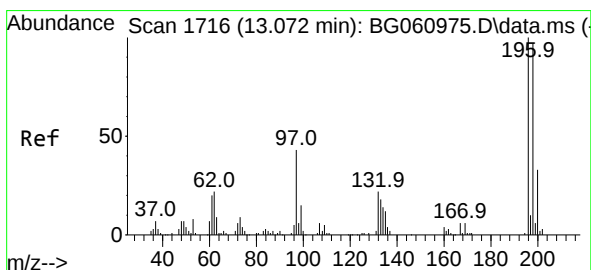
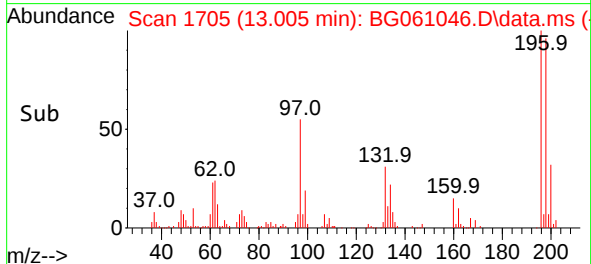
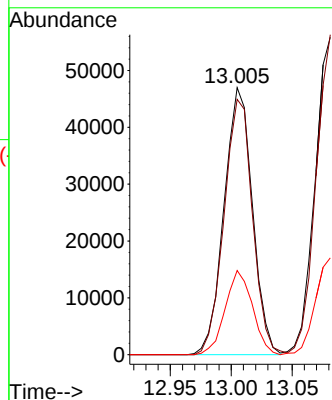
Tgt Ion:196 Resp: 76052

Ion Ratio Lower Upper

196 100

198 95.6 73.5 110.3

200 31.5 24.8 37.2



#44

2,4,5-Trichlorophenol

Concen: 40.020 ng

RT: 13.081 min Scan# 1718

Delta R.T. 0.009 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Tgt Ion:196 Resp: 90839

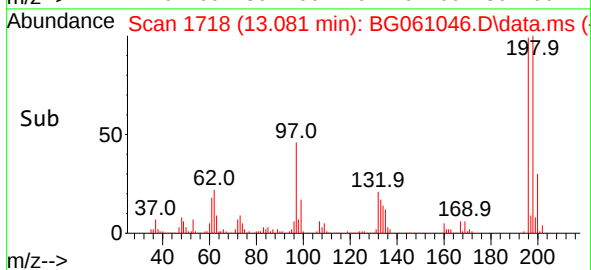
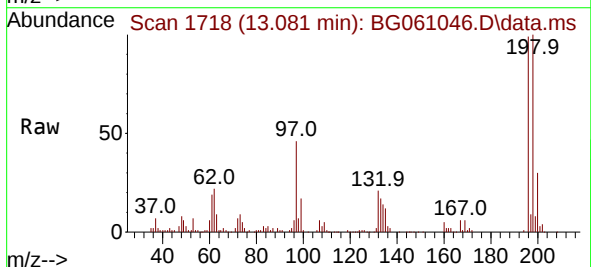
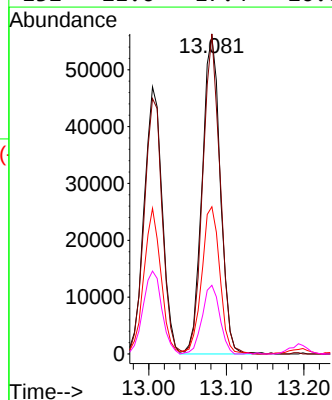
Ion Ratio Lower Upper

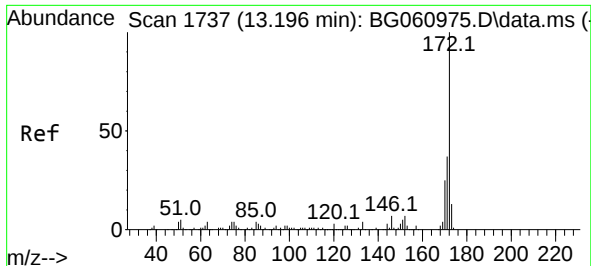
196 100

198 100.8 77.7 116.5

97 46.4 34.2 51.4

132 21.6 17.4 26.0

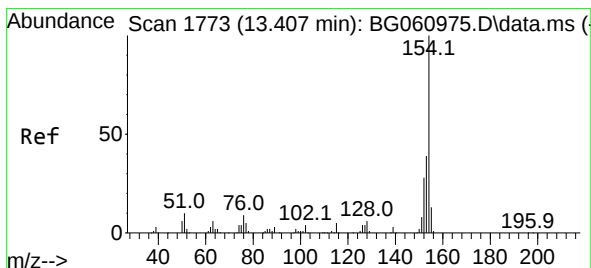
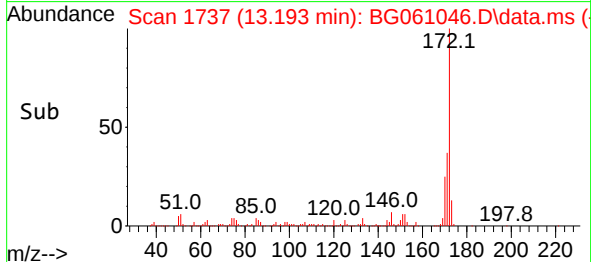
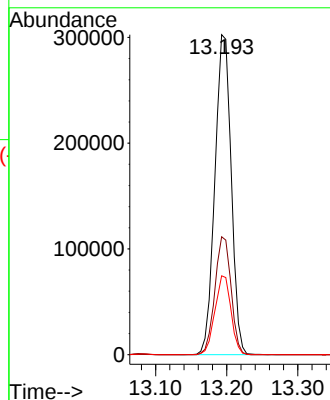
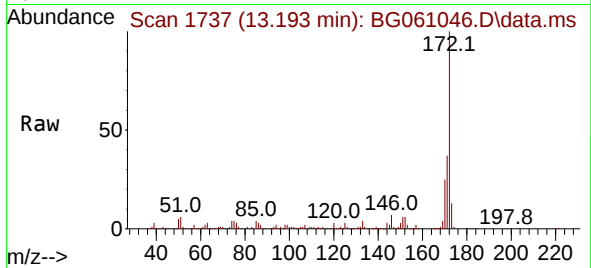




#45
2-Fluorobiphenyl
Concen: 81.099 ng
RT: 13.193 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

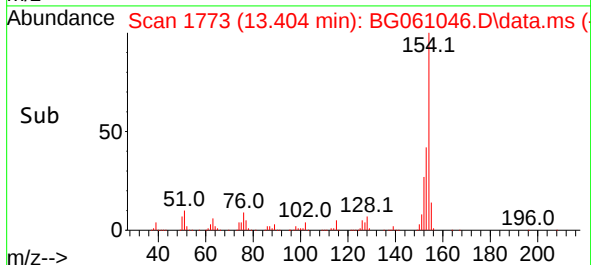
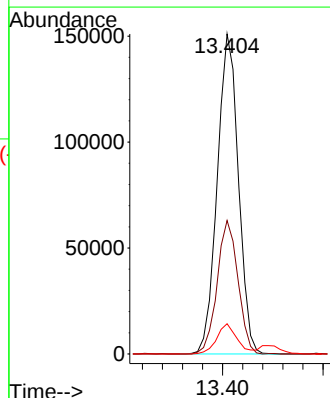
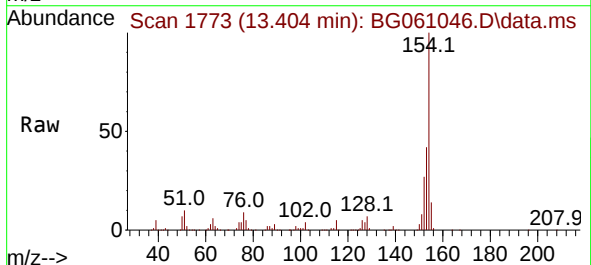
Instrument :
BNA_G
ClientSampleId :

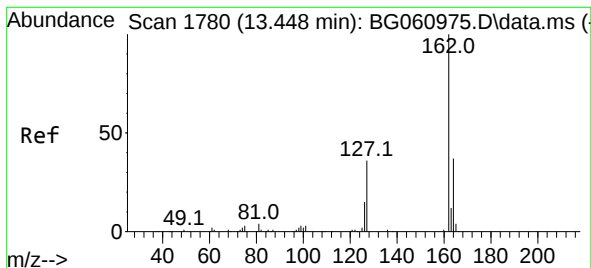
Tgt Ion:172 Resp: 481329
Ion Ratio Lower Upper
172 100
171 36.9 29.3 43.9
170 24.7 20.1 30.1



#46
1,1'-Biphenyl
Concen: 39.839 ng
RT: 13.404 min Scan# 1773
Delta R.T. -0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

Tgt Ion:154 Resp: 220428
Ion Ratio Lower Upper
154 100
153 41.7 19.4 59.4
76 9.4 0.0 28.6





#47

2-Chloronaphthalene

Concen: 40.122 ng

RT: 13.446 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

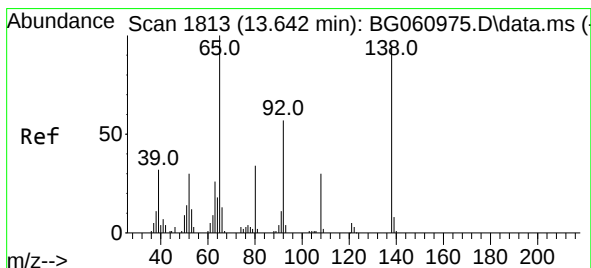
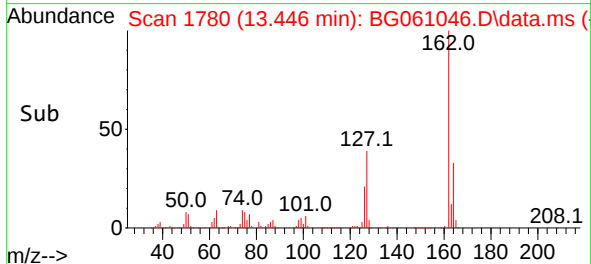
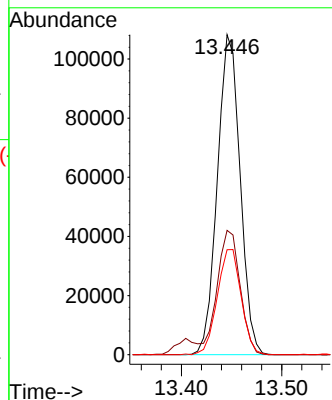
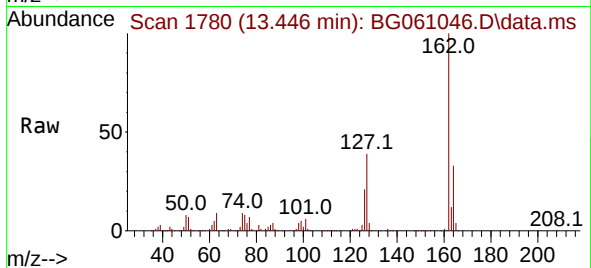
Tgt Ion:162 Resp: 170211

Ion Ratio Lower Upper

162 100

127 38.9 32.6 49.0

164 32.8 29.9 44.9



#48

2-Nitroaniline

Concen: 39.575 ng

RT: 13.645 min Scan# 1814

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

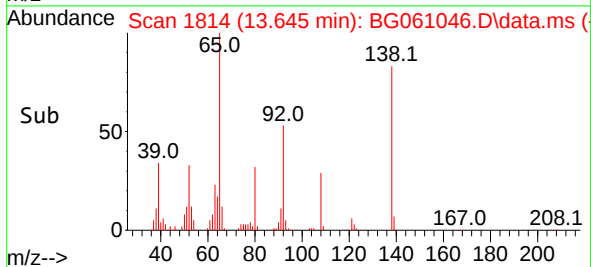
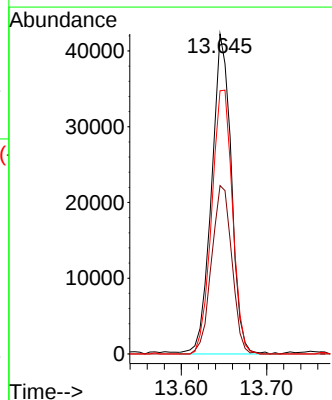
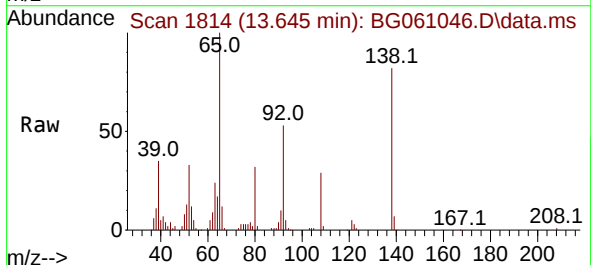
Tgt Ion: 65 Resp: 67758

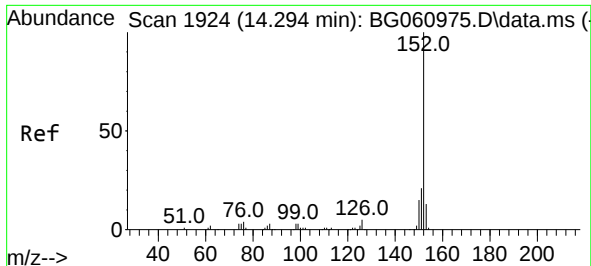
Ion Ratio Lower Upper

65 100

92 52.6 45.4 68.2

138 82.3 75.8 113.6

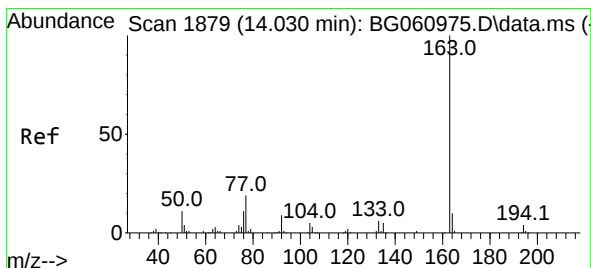
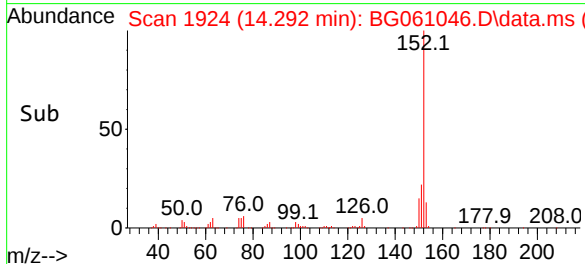
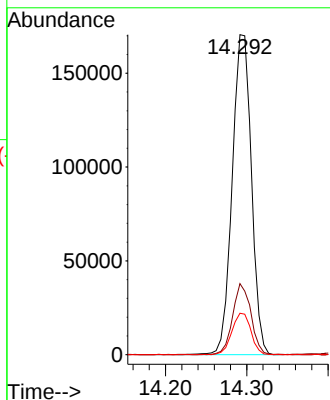
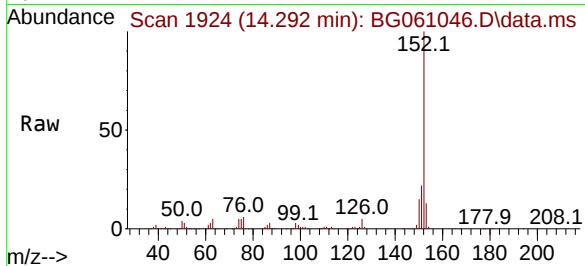




#49
Acenaphthylene
Concen: 39.093 ng
RT: 14.292 min Scan# 1924
Delta R.T. -0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

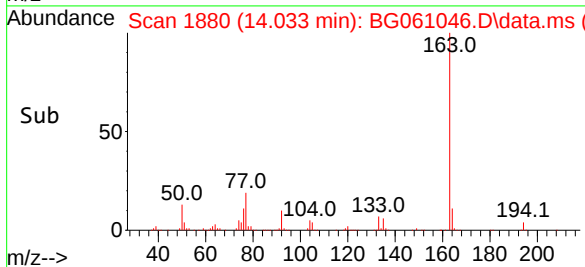
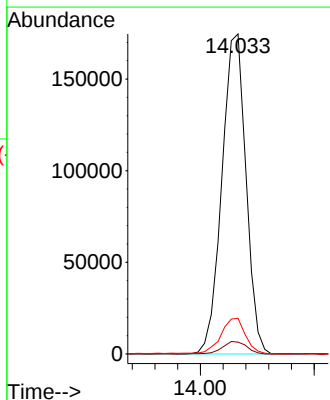
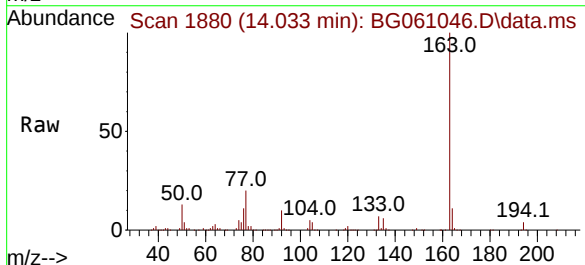
Instrument :
BNA_G
ClientSampleId :

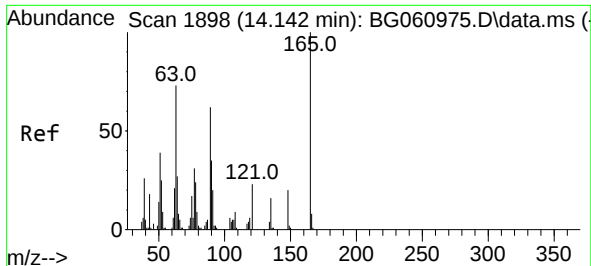
Tgt Ion:152 Resp: 279312
Ion Ratio Lower Upper
152 100
151 22.2 16.6 25.0
153 13.0 10.7 16.1



#50
Dimethylphthalate
Concen: 37.897 ng
RT: 14.033 min Scan# 1880
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

Tgt Ion:163 Resp: 256697
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 11.2 8.4 12.6

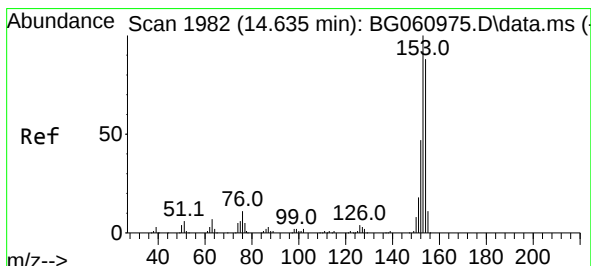
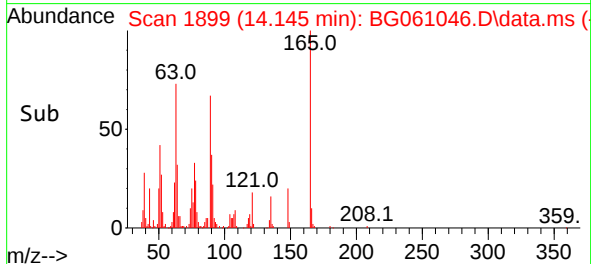
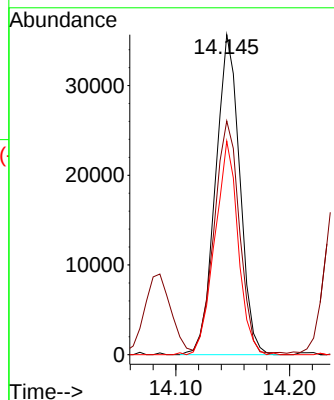
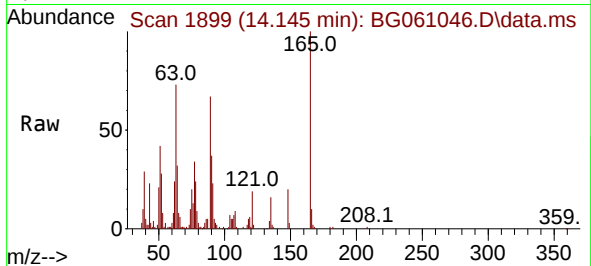




#51
2,6-Dinitrotoluene
Concen: 37.404 ng
RT: 14.145 min Scan# 1898
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

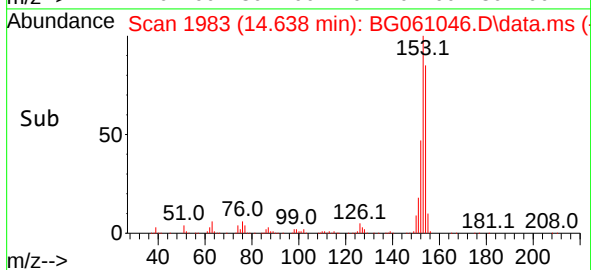
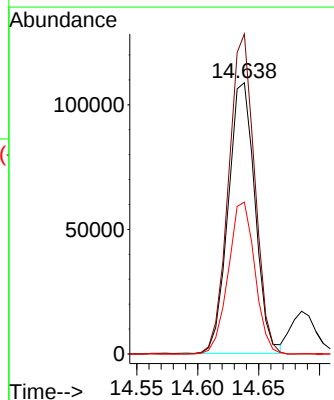
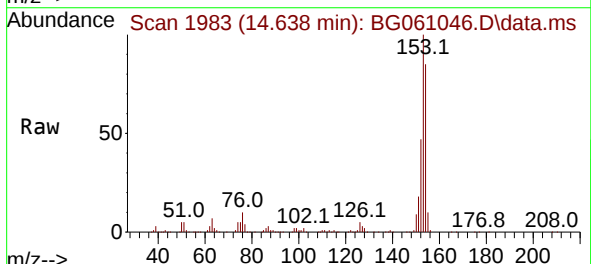
Instrument :
BNA_G
ClientSampleId :

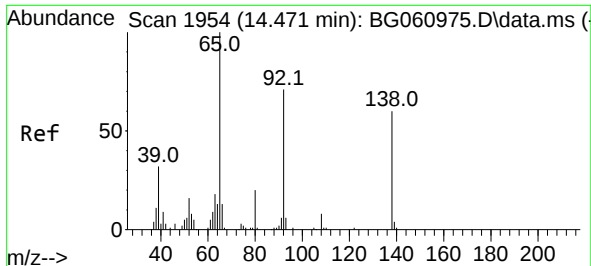
Tgt Ion:165 Resp: 52864
Ion Ratio Lower Upper
165 100
63 73.1 59.6 89.4
89 66.8 49.4 74.0



#52
Acenaphthene
Concen: 38.268 ng
RT: 14.638 min Scan# 1983
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

Tgt Ion:154 Resp: 166135
Ion Ratio Lower Upper
154 100
153 118.0 91.2 136.8
152 56.0 42.7 64.1

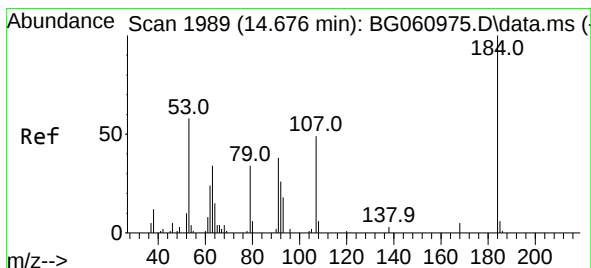
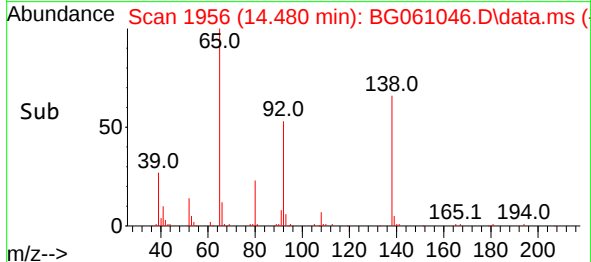
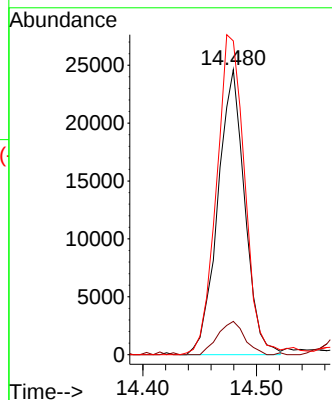
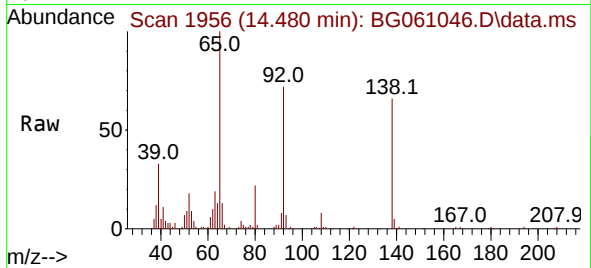




#53
3-Nitroaniline
Concen: 29.129 ng
RT: 14.480 min Scan# 1954
Delta R.T. 0.009 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

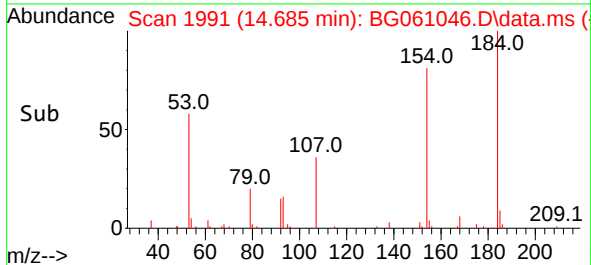
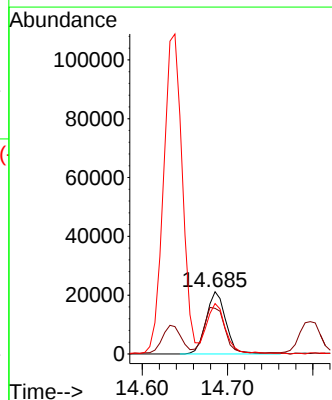
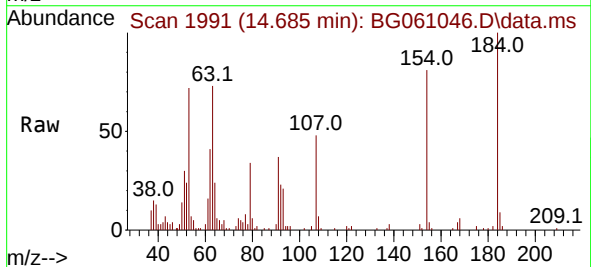
Instrument :
BNA_G
ClientSampleId :

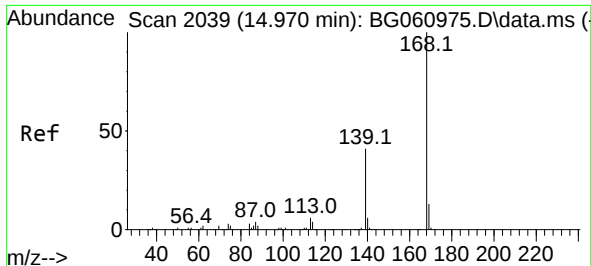
Tgt Ion:138 Resp: 40594
Ion Ratio Lower Upper
138 100
108 11.7 10.1 15.1
92 110.1 94.6 141.8



#54
2,4-Dinitrophenol
Concen: 39.985 ng
RT: 14.685 min Scan# 1991
Delta R.T. 0.009 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

Tgt Ion:184 Resp: 34063
Ion Ratio Lower Upper
184 100
63 73.3 59.0 88.6
154 81.0 61.2 91.8

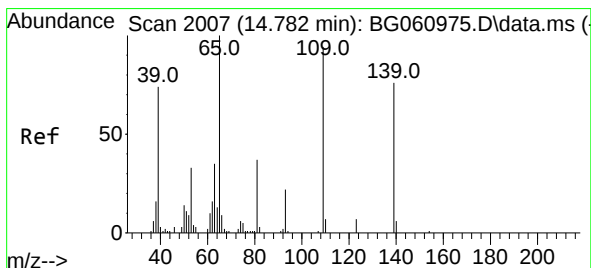
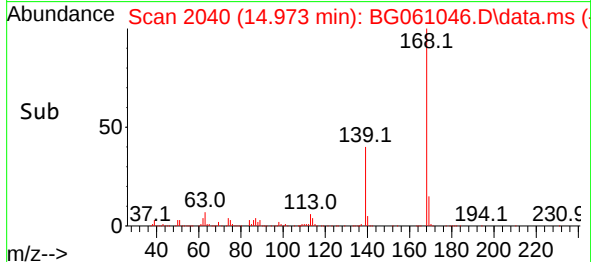
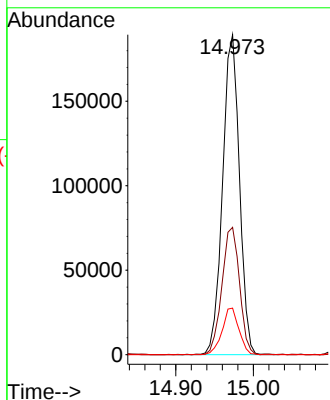
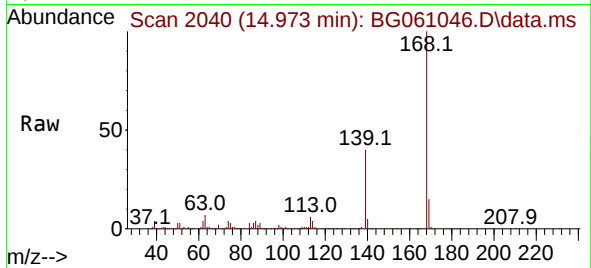




#55
Dibenzofuran
Concen: 38.109 ng
RT: 14.973 min Scan# 2039
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

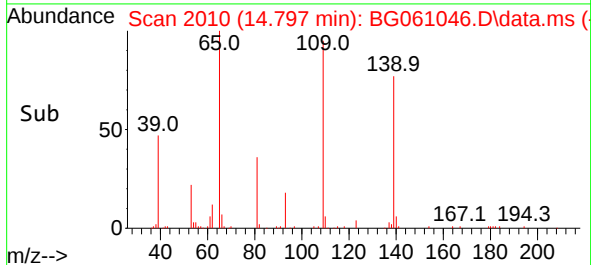
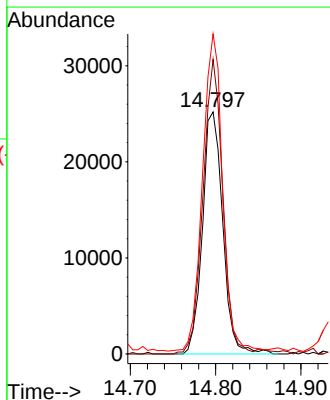
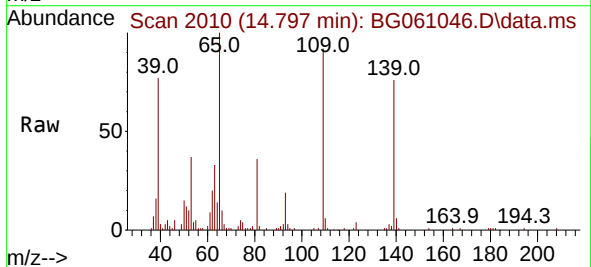
Instrument :
BNA_G
ClientSampleId :

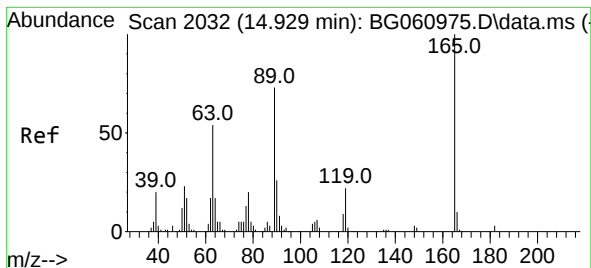
Tgt Ion:168 Resp: 285692
Ion Ratio Lower Upper
168 100
139 39.8 32.4 48.6
169 14.6 10.6 15.8



#56
4-Nitrophenol
Concen: 41.818 ng
RT: 14.797 min Scan# 2010
Delta R.T. 0.015 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

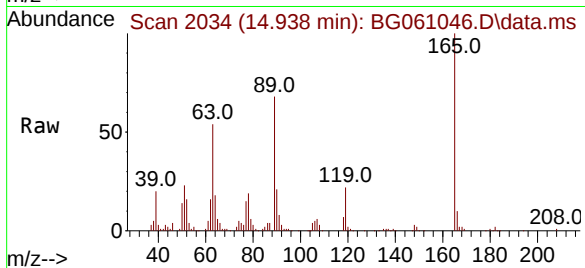
Tgt Ion:139 Resp: 41752
Ion Ratio Lower Upper
139 100
109 121.6 104.1 144.1
65 132.1 112.0 152.0



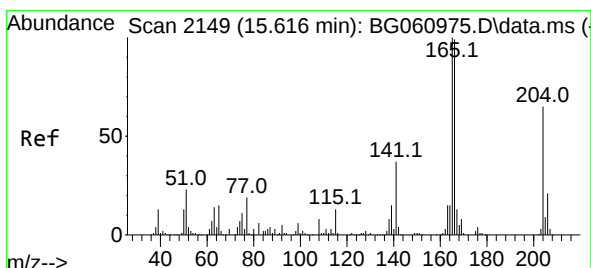
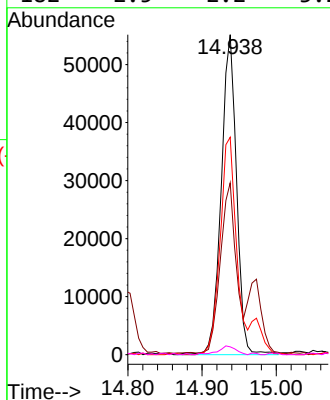
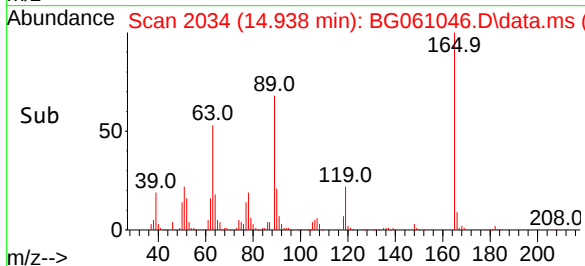


#57
2,4-Dinitrotoluene
Concen: 39.024 ng
RT: 14.938 min Scan# 2034
Delta R.T. 0.009 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

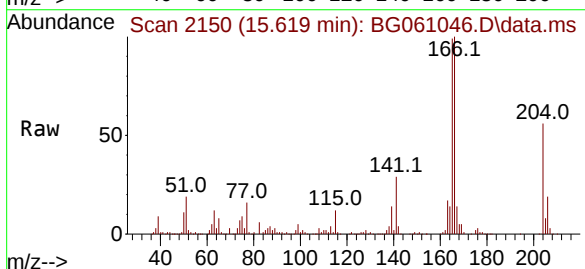
Instrument :
BNA_G
ClientSampleId :



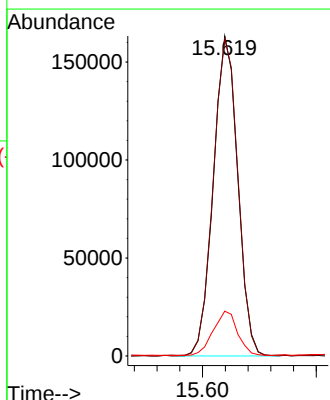
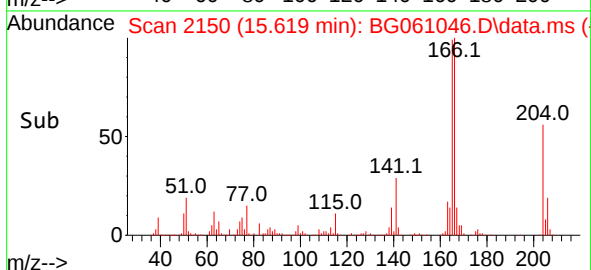
Tgt Ion:165 Resp: 79434
Ion Ratio Lower Upper
165 100
63 53.7 43.4 65.2
89 68.0 58.4 87.6
182 2.5 2.2 3.2

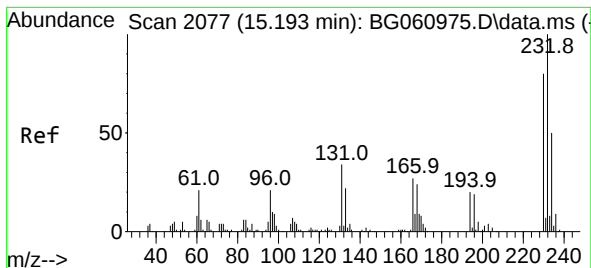


#58
Fluorene
Concen: 38.350 ng
RT: 15.619 min Scan# 2150
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22



Tgt Ion:166 Resp: 242663
Ion Ratio Lower Upper
166 100
165 99.1 80.9 121.3
167 14.0 10.5 15.7

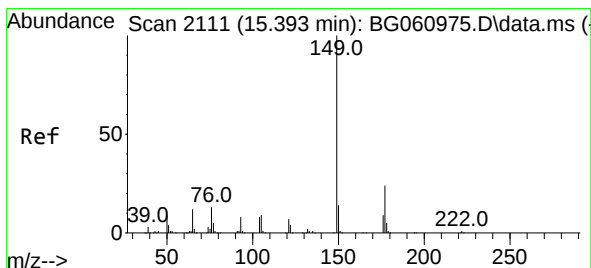
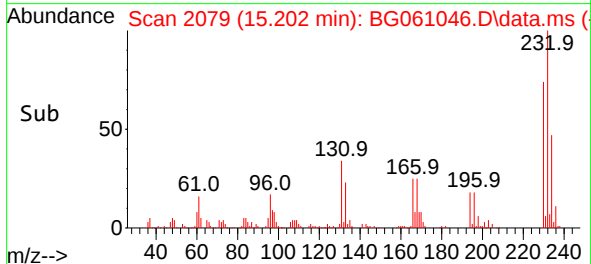
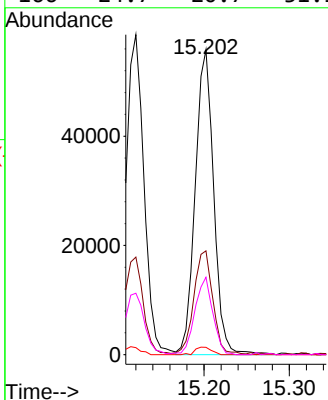
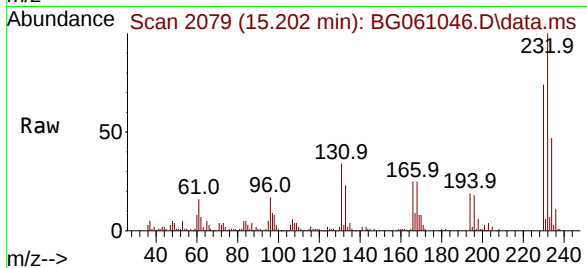




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.707 ng
RT: 15.202 min Scan# 2077
Delta R.T. 0.009 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

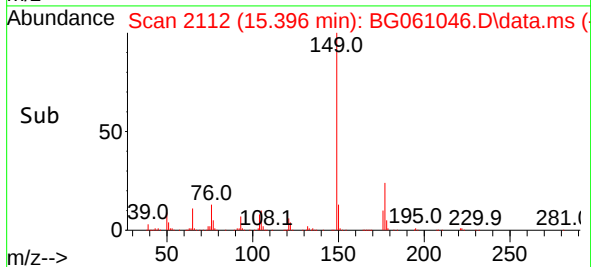
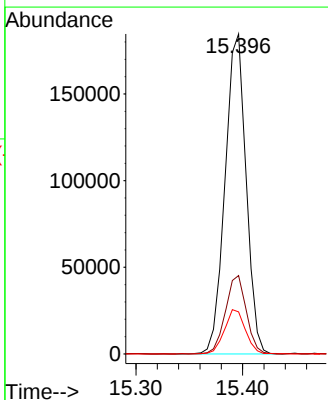
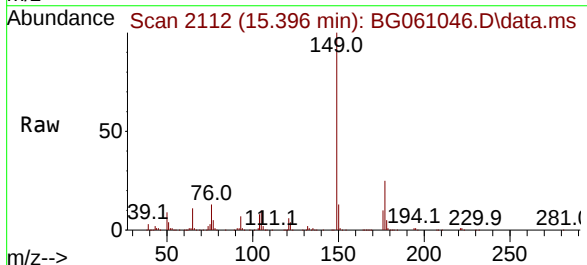
Instrument :
BNA_G
ClientSampleId :

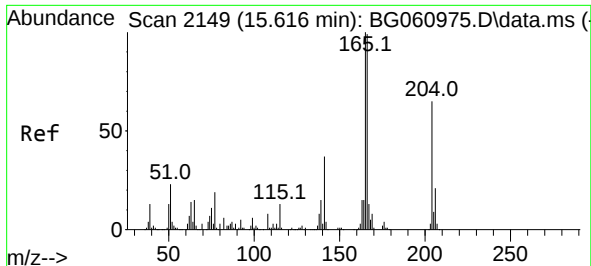
Tgt Ion:232	Resp:	84093
Ion Ratio	Lower	Upper
232	100	
131	34.4	27.4 41.0
130	2.2	1.5 2.3
166	24.7	20.7 31.1



#60
Diethylphthalate
Concen: 37.927 ng
RT: 15.396 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

Tgt Ion:149	Resp:	252998
Ion Ratio	Lower	Upper
149	100	
177	24.5	18.8 28.2
150	13.1	11.2 16.8

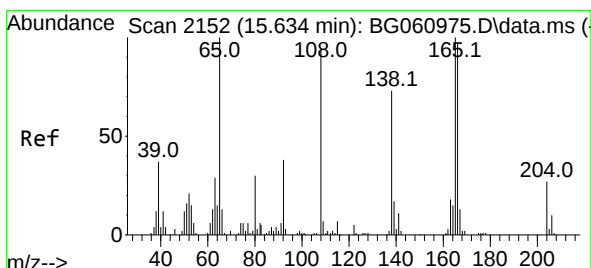
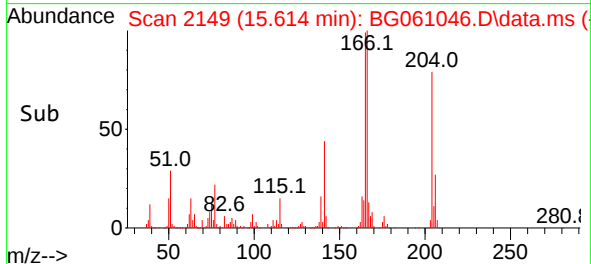
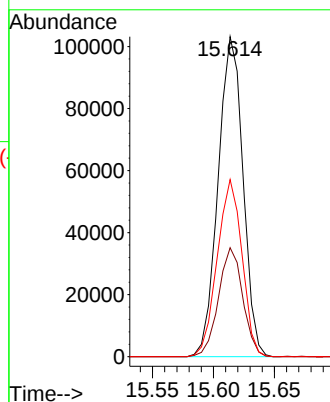
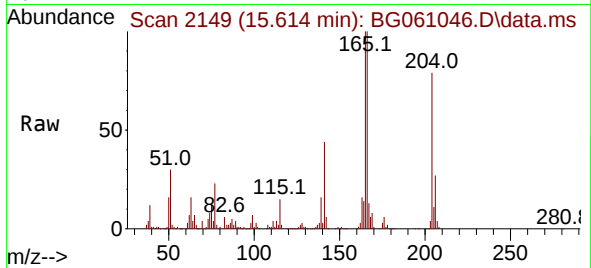




#61
4-Chlorophenyl-phenylether
Concen: 37.530 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

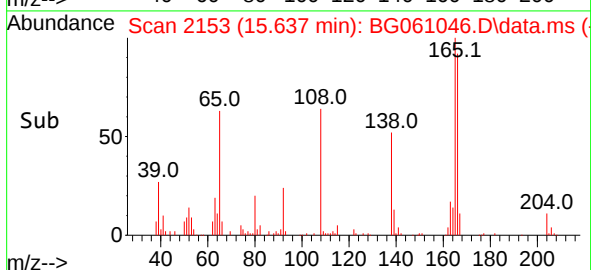
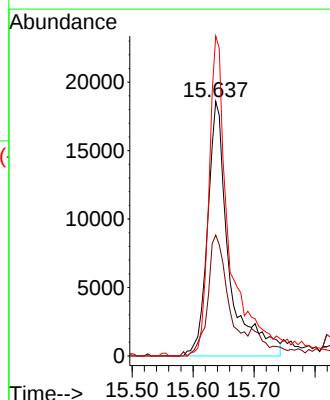
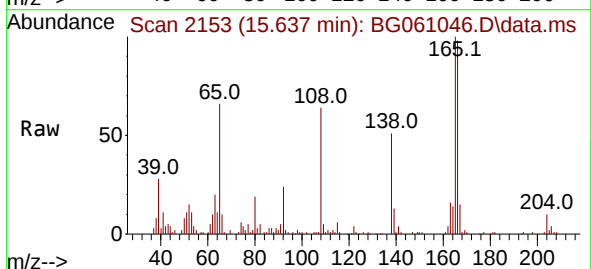
Instrument :
BNA_G
ClientSampleId :

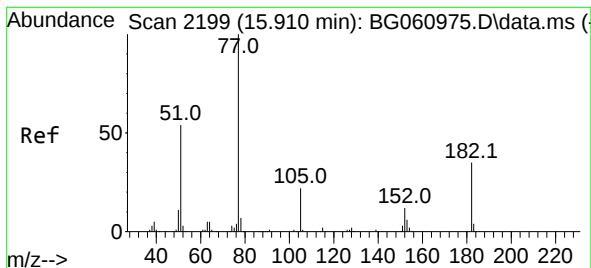
Tgt Ion:204 Resp: 146460
Ion Ratio Lower Upper
204 100
206 34.1 25.6 38.4
141 55.3 45.4 68.0



#62
4-Nitroaniline
Concen: 30.327 ng
RT: 15.637 min Scan# 2153
Delta R.T. 0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

Tgt Ion:138 Resp: 45572
Ion Ratio Lower Upper
138 100
92 47.5 32.2 72.2
108 125.7 109.0 149.0





#63

Azobenzene

Concen: 37.682 ng

RT: 15.907 min Scan# 2199

Delta R.T. -0.003 min

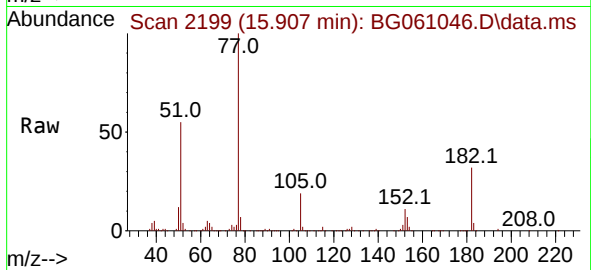
Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :



Tgt Ion: 77 Resp: 204450

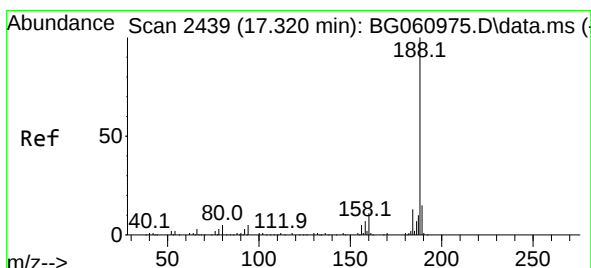
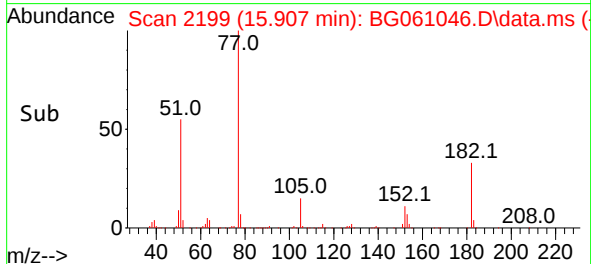
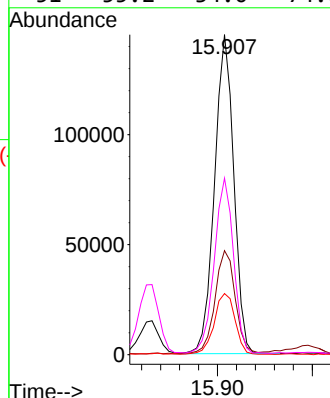
Ion Ratio Lower Upper

77 100

182 32.5 14.5 54.5

105 19.1 1.9 41.9

51 55.2 34.0 74.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.317 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

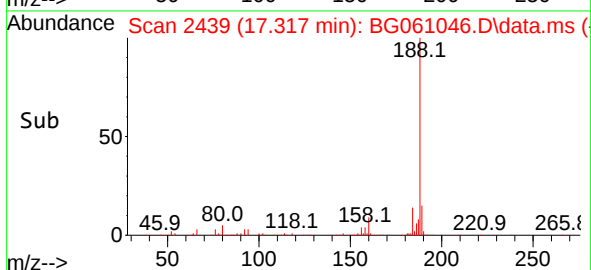
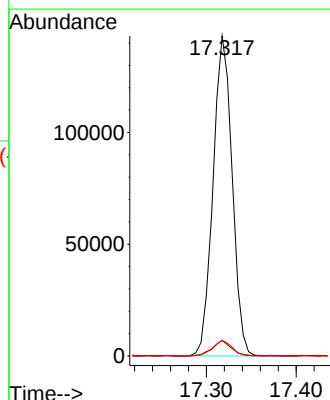
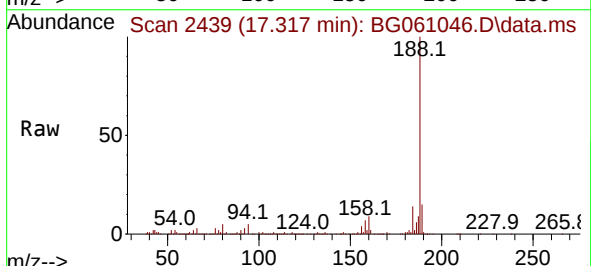
Tgt Ion:188 Resp: 211437

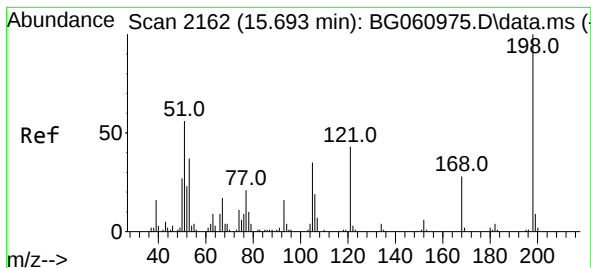
Ion Ratio Lower Upper

188 100

94 4.8 4.1 6.1

80 4.9 4.0 6.0

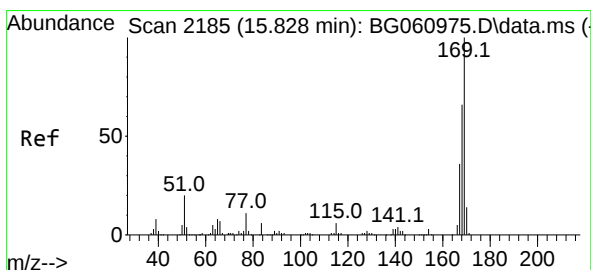
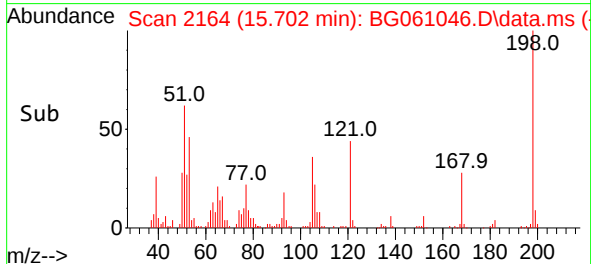
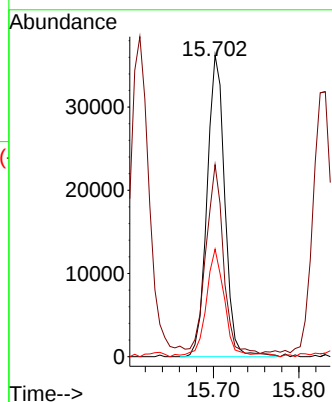
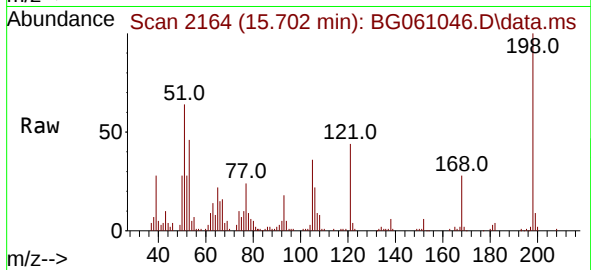




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.023 ng
 RT: 15.702 min Scan# 2164
 Delta R.T. 0.009 min
 Lab File: BG061046.D
 Acq: 29 Apr 2024 12:22

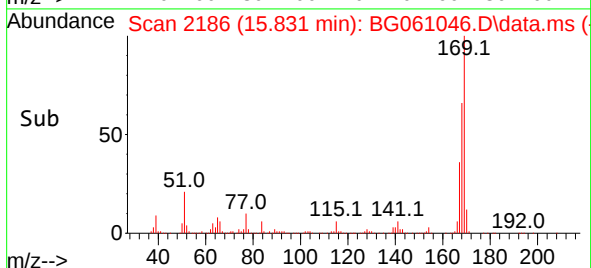
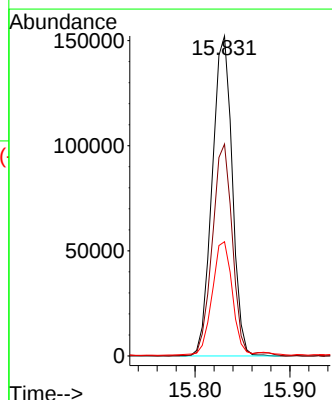
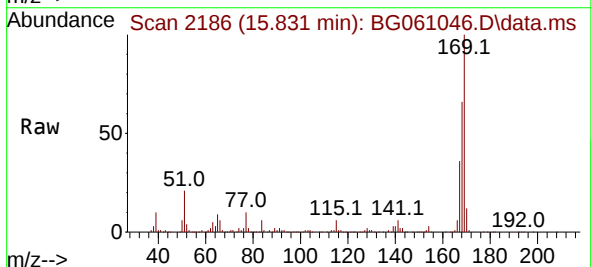
Instrument :
 BNA_G
 ClientSampleId :

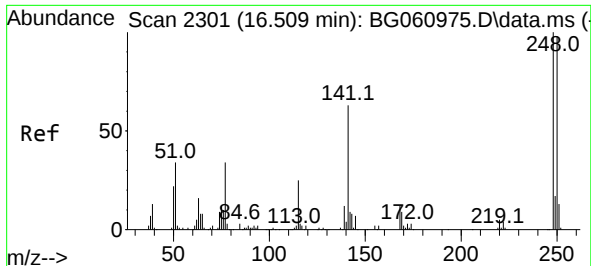
Tgt Ion:198 Resp: 52252
 Ion Ratio Lower Upper
 198 100
 51 63.7 38.6 78.6
 105 35.7 14.5 54.5



#66
 n-Nitrosodiphenylamine
 Concen: 38.248 ng
 RT: 15.831 min Scan# 2186
 Delta R.T. 0.003 min
 Lab File: BG061046.D
 Acq: 29 Apr 2024 12:22

Tgt Ion:169 Resp: 222803
 Ion Ratio Lower Upper
 169 100
 168 66.2 52.5 78.7
 167 35.7 28.8 43.2





#67

4-Bromophenyl-phenylether

Concen: 39.060 ng

RT: 16.507 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

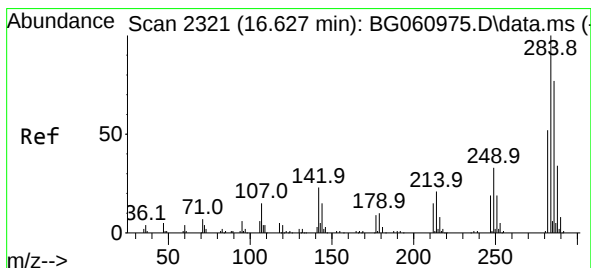
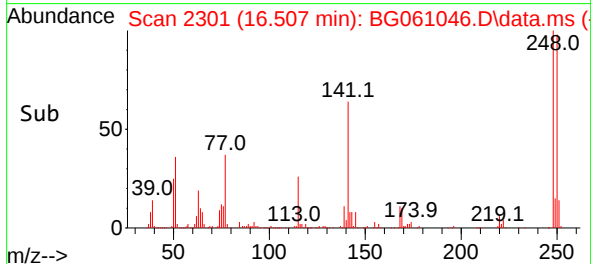
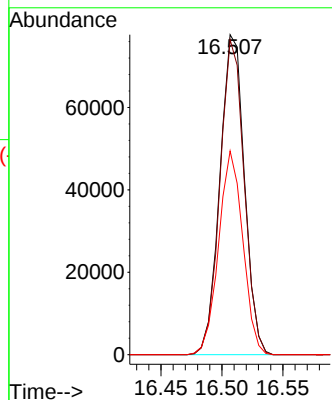
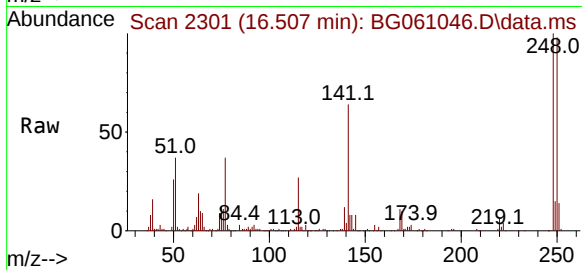
Tgt Ion:248 Resp: 108996

Ion Ratio Lower Upper

248 100

250 98.4 78.7 118.1

141 63.6 50.4 75.6



#68

Hexachlorobenzene

Concen: 38.063 ng

RT: 16.630 min Scan# 2322

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

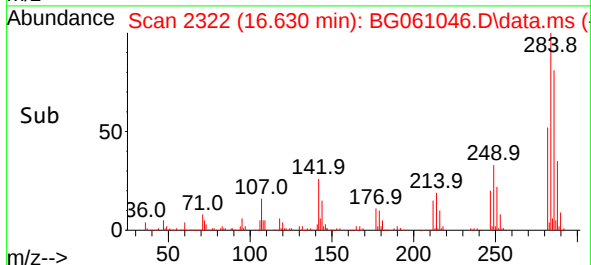
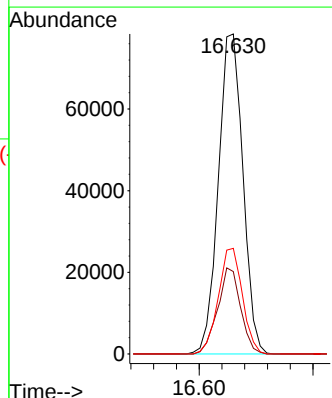
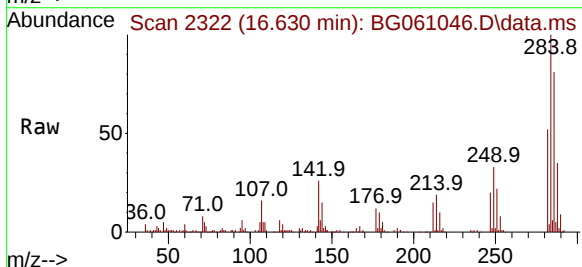
Tgt Ion:284 Resp: 117318

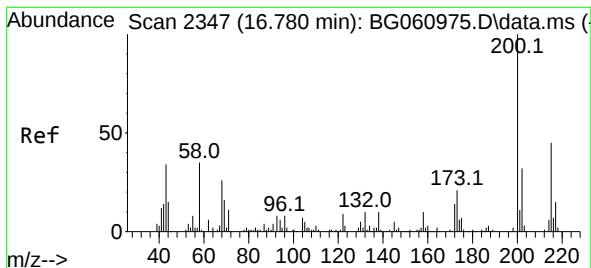
Ion Ratio Lower Upper

284 100

142 25.7 18.7 28.1

249 33.0 26.4 39.6





#69

Atrazine

Concen: 36.826 ng

RT: 16.783 min Scan# 21

Delta R.T. 0.003 min

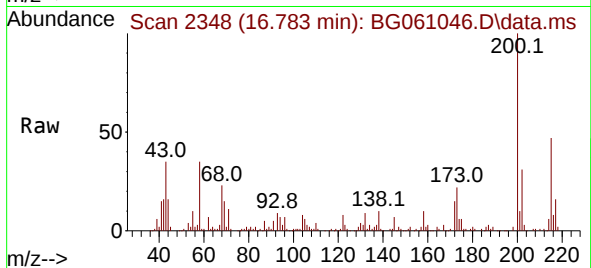
Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :



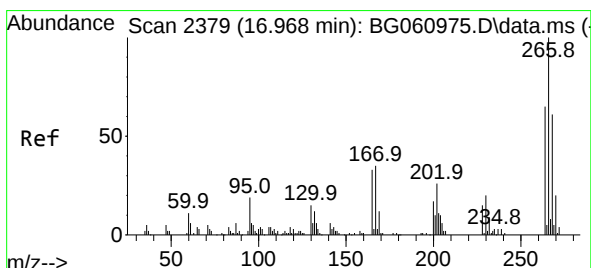
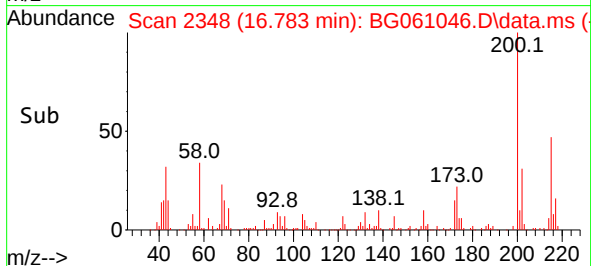
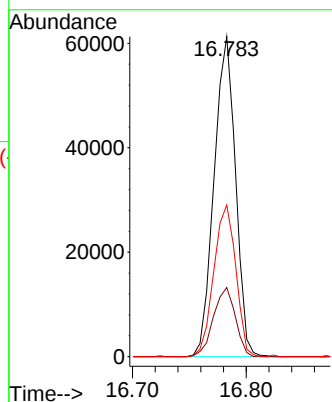
Tgt Ion:200 Resp: 80287

Ion	Ratio	Lower	Upper
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200	100		
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173	21.6	1.4	41.4
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215	47.4	25.3	65.3
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#70

Pentachlorophenol

Concen: 32.584 ng

RT: 16.971 min Scan# 2380

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

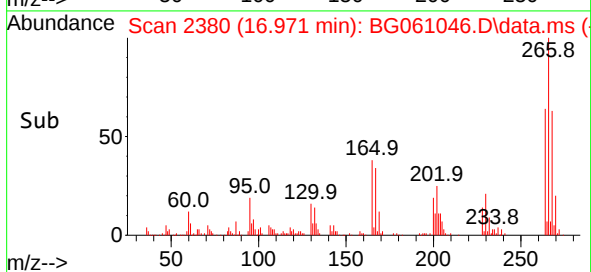
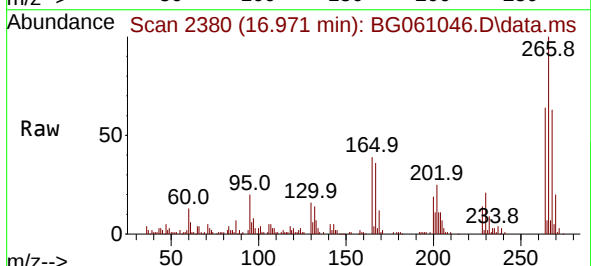
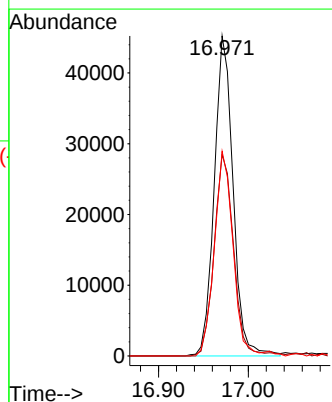
Tgt Ion:266 Resp: 65856

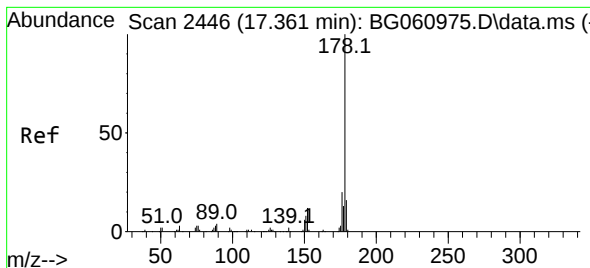
Ion	Ratio	Lower	Upper
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266	100		
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268	63.0	49.1	73.7
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264	63.9	52.2	78.2
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#71

Phenanthrene

Concen: 37.666 ng

RT: 17.359 min Scan# 2446

Delta R.T. -0.002 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

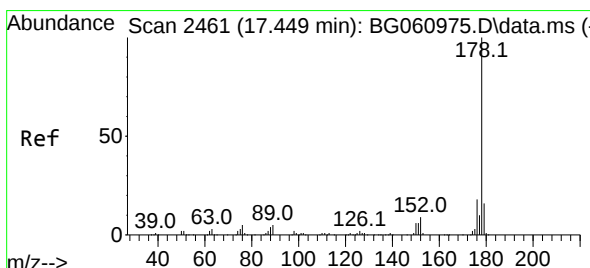
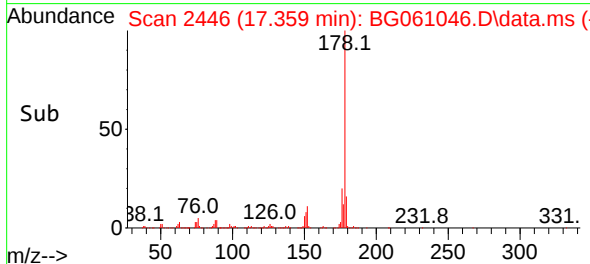
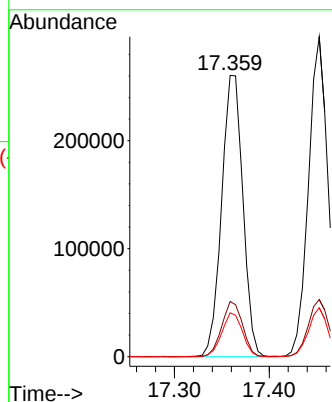
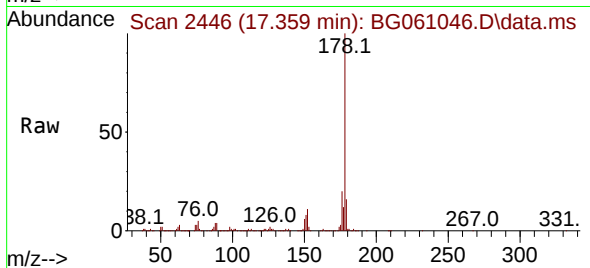
Tgt Ion:178 Resp: 406505

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

179 15.6 12.5 18.7



#72

Anthracene

Concen: 37.781 ng

RT: 17.453 min Scan# 2462

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

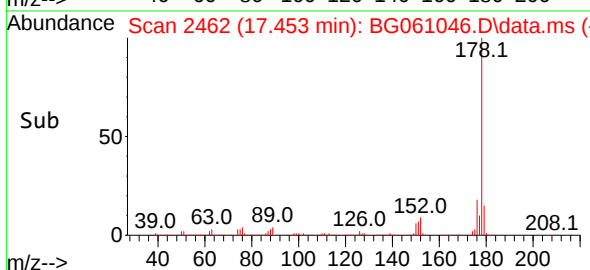
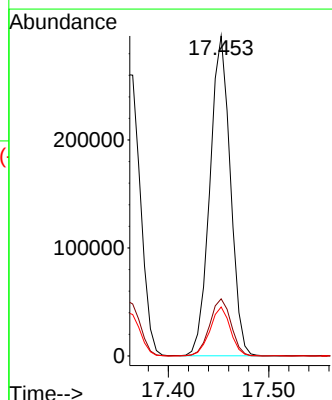
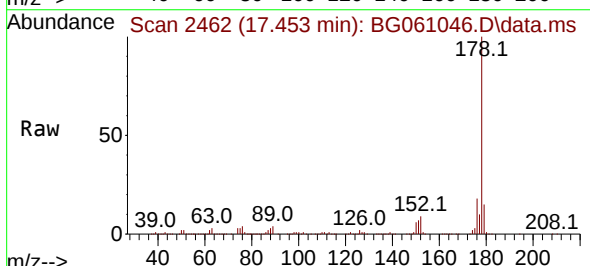
Tgt Ion:178 Resp: 419941

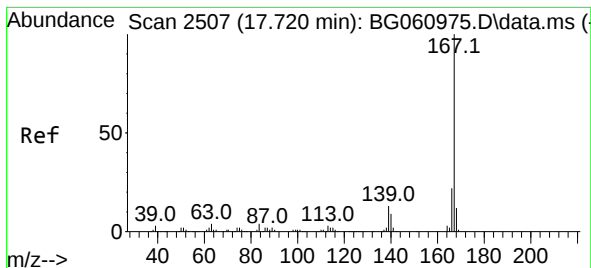
Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

179 15.3 12.4 18.6





#73

Carbazole

Concen: 37.378 ng

RT: 17.723 min Scan# 2

Delta R.T. 0.003 min

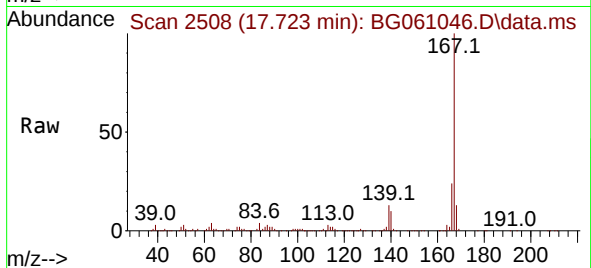
Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :



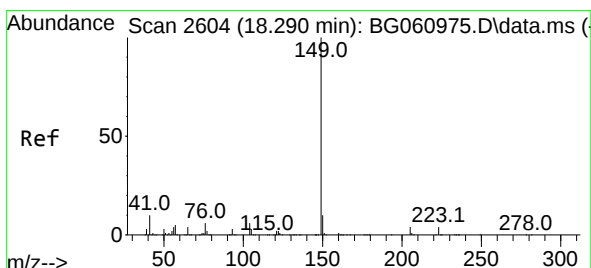
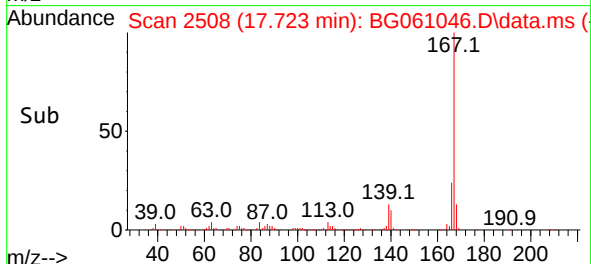
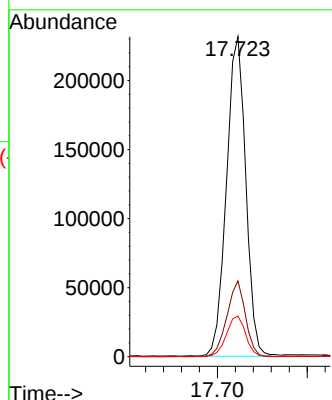
Tgt Ion:167 Resp: 345046

Ion Ratio Lower Upper

167 100

166 23.7 17.8 26.8

139 12.7 10.2 15.2



#74

Di-n-butylphthalate

Concen: 38.253 ng

RT: 18.287 min Scan# 2604

Delta R.T. -0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

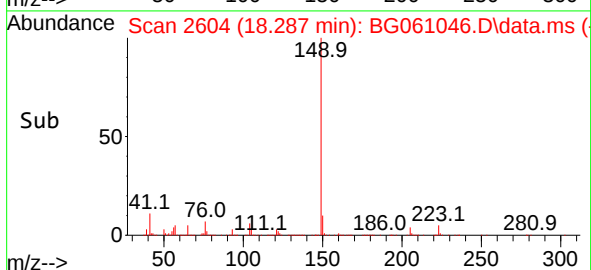
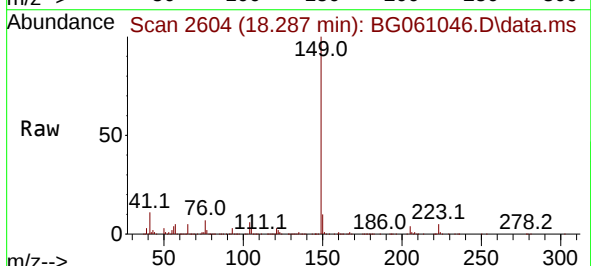
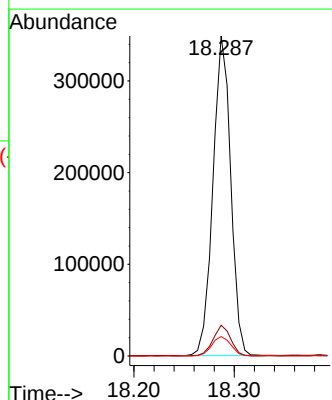
Tgt Ion:149 Resp: 428724

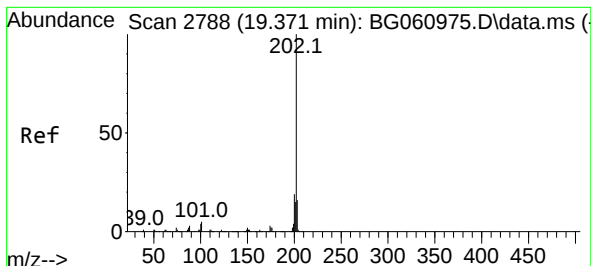
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 6.1 5.0 7.6





#75

Fluoranthene

Concen: 37.578 ng

RT: 19.374 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

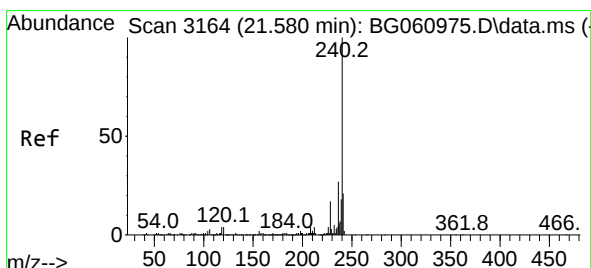
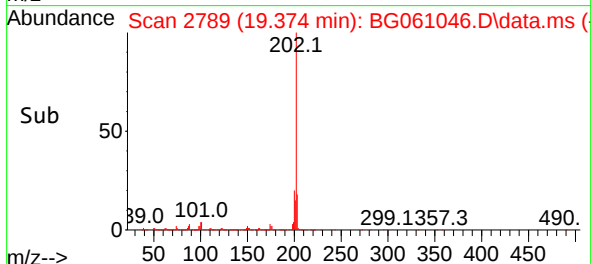
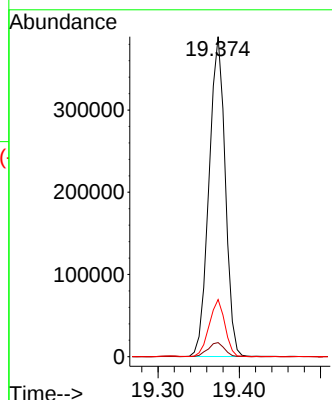
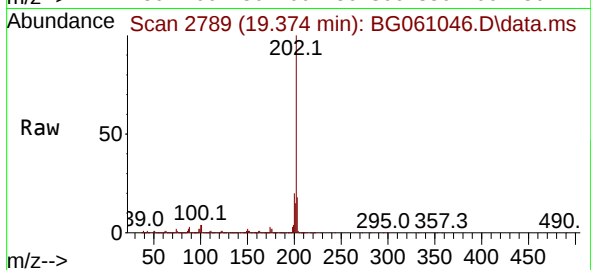
Tgt Ion:202 Resp: 538224

Ion Ratio Lower Upper

202 100

101 4.4 0.0 24.9

203 17.8 0.0 36.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3164

Delta R.T. -0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

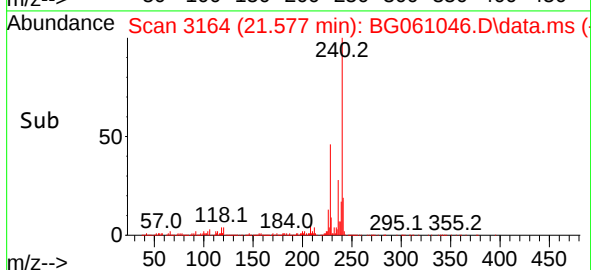
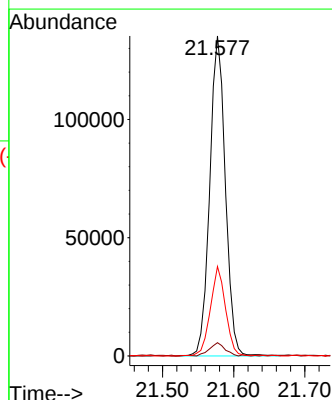
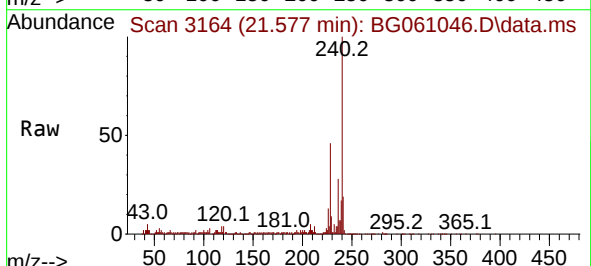
Tgt Ion:240 Resp: 206680

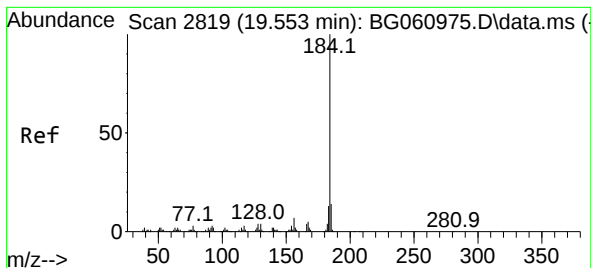
Ion Ratio Lower Upper

240 100

120 4.1 3.0 4.6

236 28.0 21.8 32.6





#77

Benzidine

Concen: 2.871 ng

RT: 19.603 min Scan# 21

Delta R.T. 0.050 min

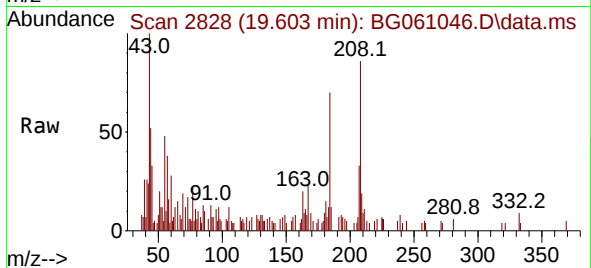
Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

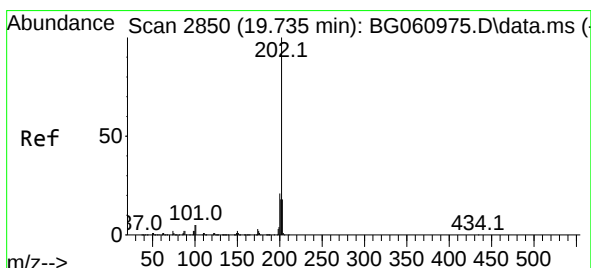
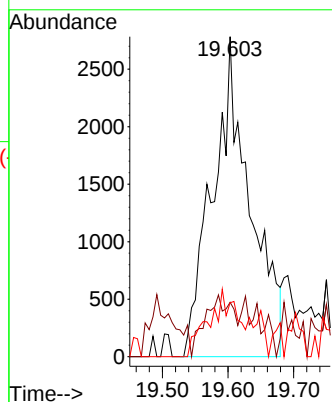
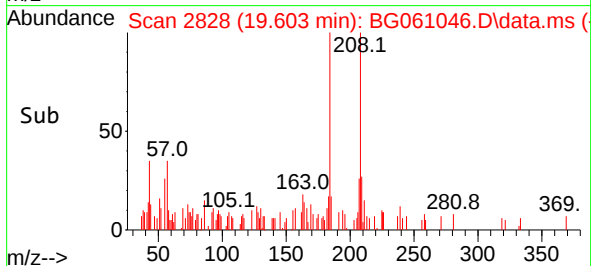
BNA_G

ClientSampleId :



Tgt Ion:184 Resp: 10995

Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.3	16.9#
183	16.9	10.2	15.2#



#78

Pyrene

Concen: 39.006 ng

RT: 19.732 min Scan# 2850

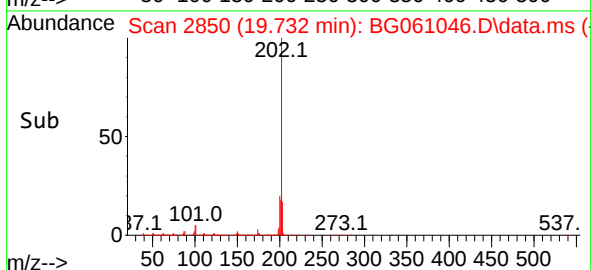
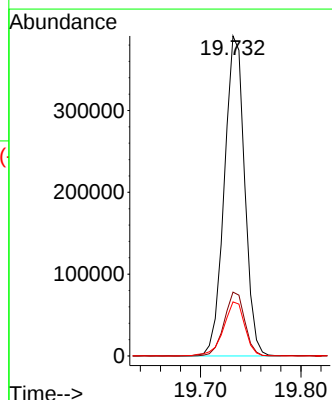
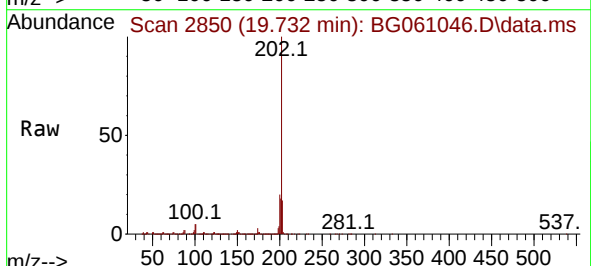
Delta R.T. -0.003 min

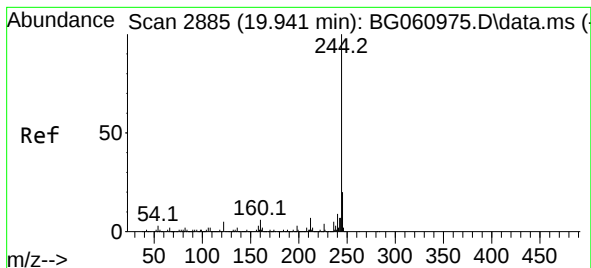
Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Tgt Ion:202 Resp: 548919

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.8	25.2
203	16.9	14.2	21.2





#79

Terphenyl-d14

Concen: 78.391 ng

RT: 19.938 min Scan# 2885

Delta R.T. -0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

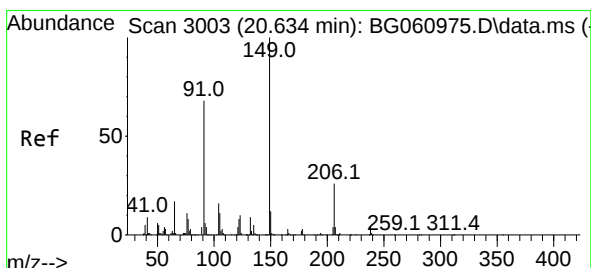
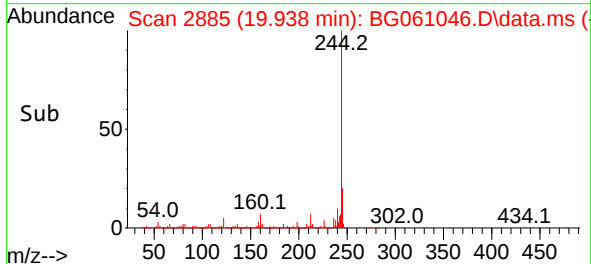
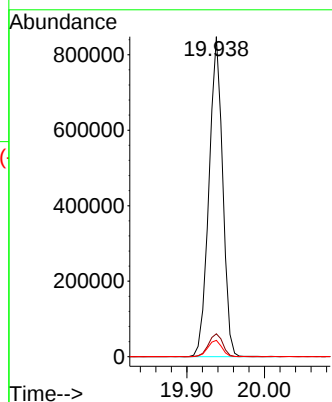
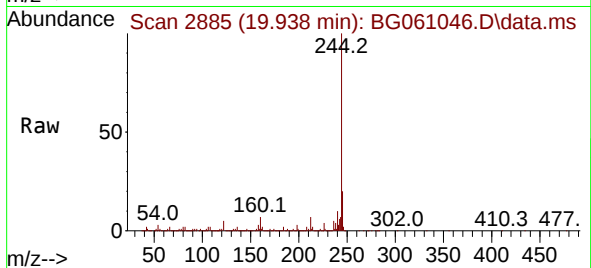
Tgt Ion:244 Resp: 1043774

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 5.1 4.2 6.2



#80

Butylbenzylphthalate

Concen: 38.737 ng

RT: 20.631 min Scan# 3003

Delta R.T. -0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

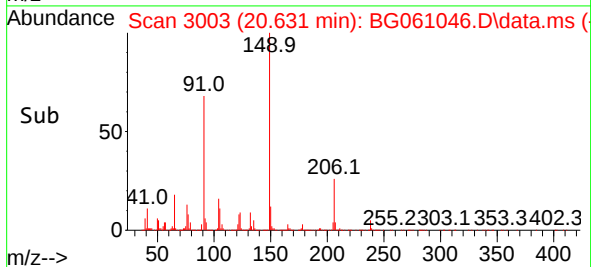
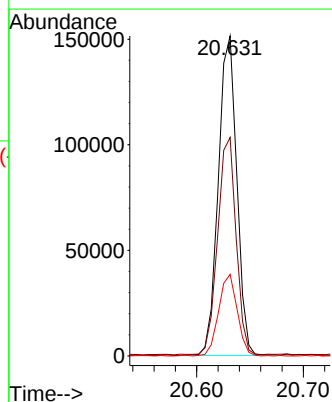
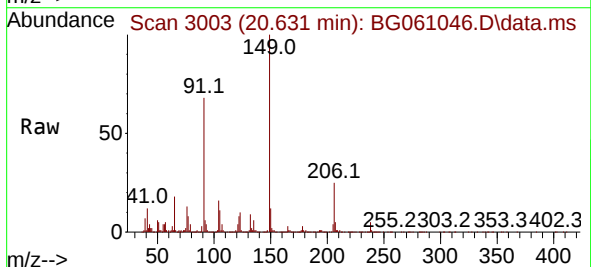
Tgt Ion:149 Resp: 181698

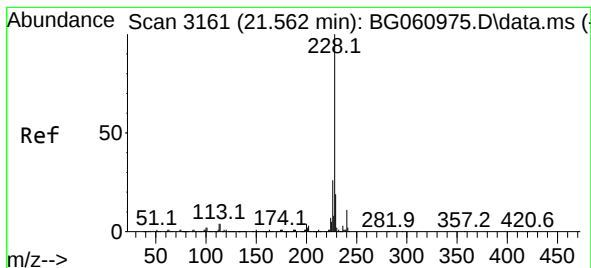
Ion Ratio Lower Upper

149 100

91 68.3 54.4 81.6

206 25.5 20.8 31.2





#81

Benzo(a)anthracene

Concen: 38.516 ng

RT: 21.560 min Scan# 3161

Delta R.T. -0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

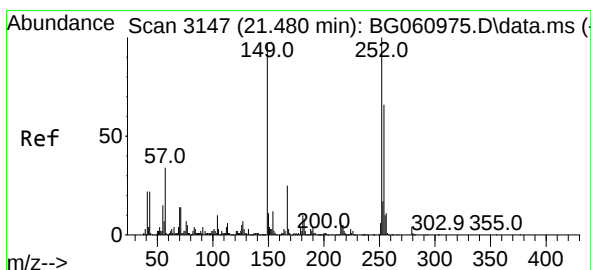
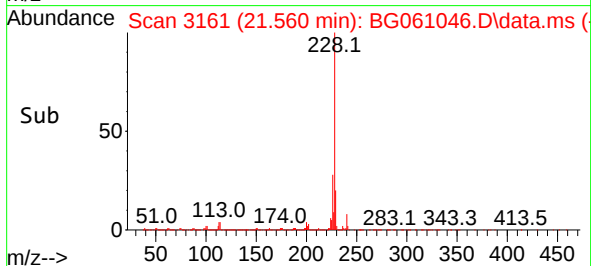
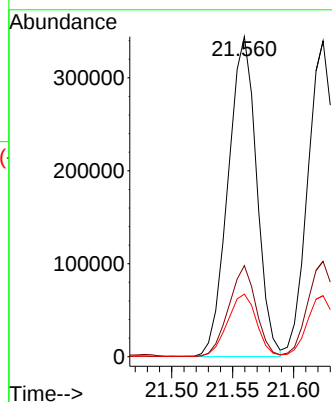
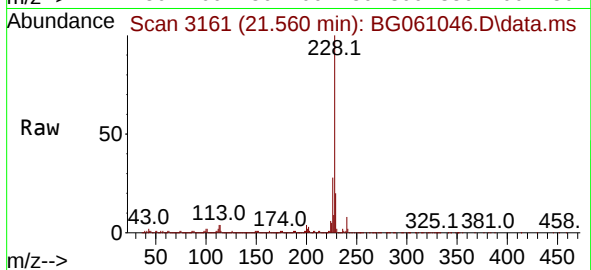
Tgt Ion:228 Resp: 559673

Ion Ratio Lower Upper

228 100

226 28.5 21.0 31.4

229 19.6 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 31.502 ng

RT: 21.471 min Scan# 3146

Delta R.T. -0.009 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

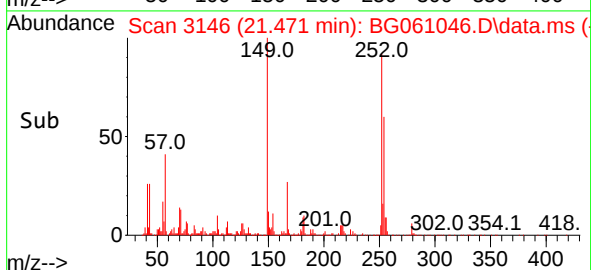
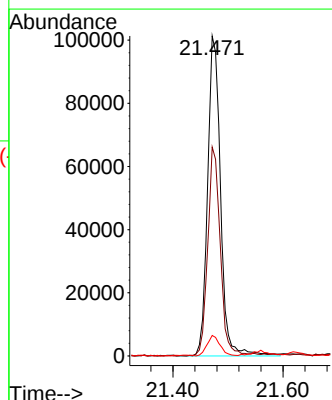
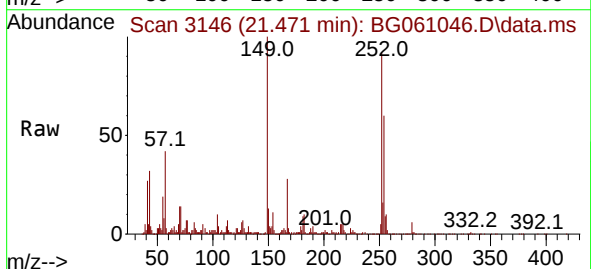
Tgt Ion:252 Resp: 165428

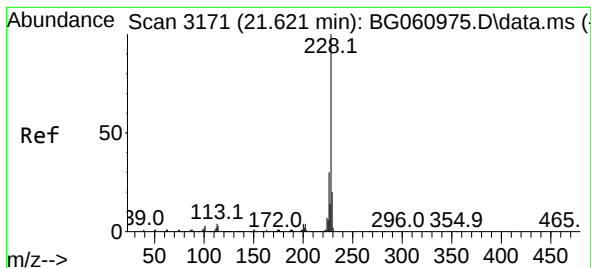
Ion Ratio Lower Upper

252 100

254 65.3 52.7 79.1

126 6.4 4.2 6.2#





#83

Chrysene

Concen: 38.101 ng

RT: 21.624 min Scan# 3171

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

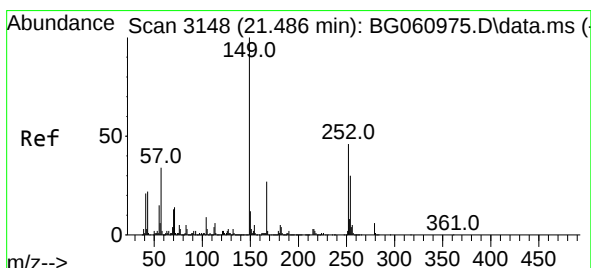
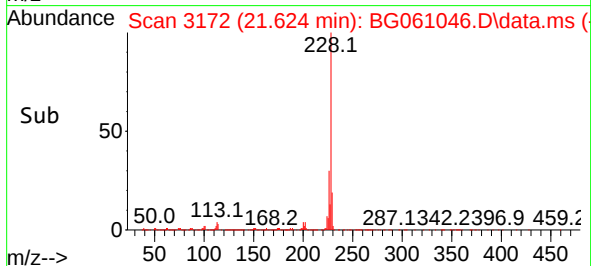
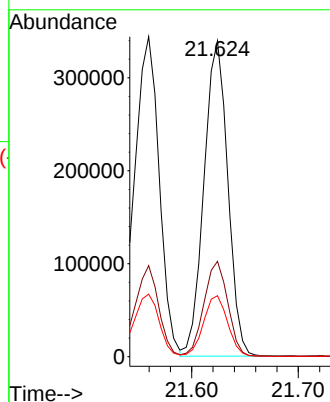
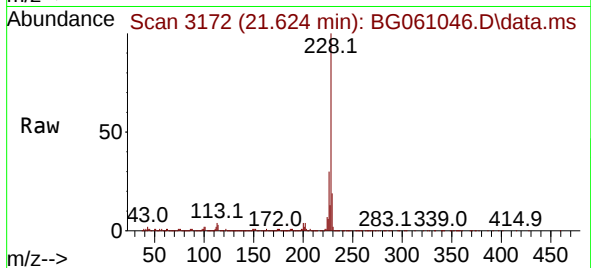
Tgt Ion:228 Resp: 527109

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.432 ng

RT: 21.483 min Scan# 3148

Delta R.T. -0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

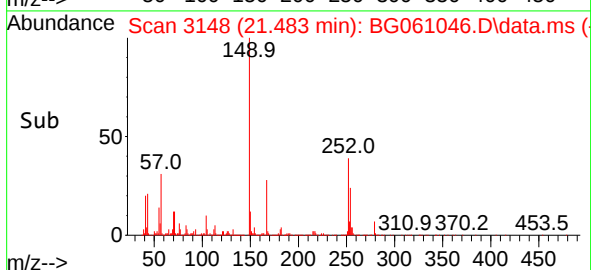
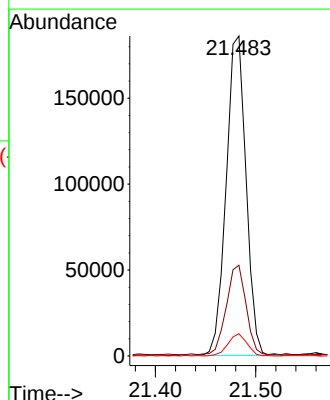
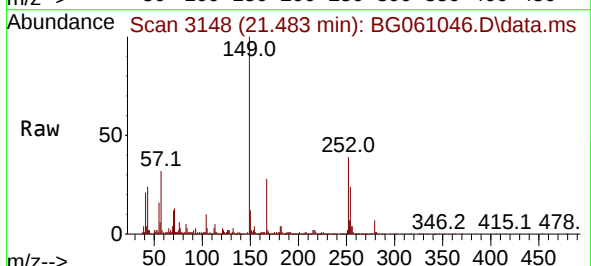
Tgt Ion:149 Resp: 255266

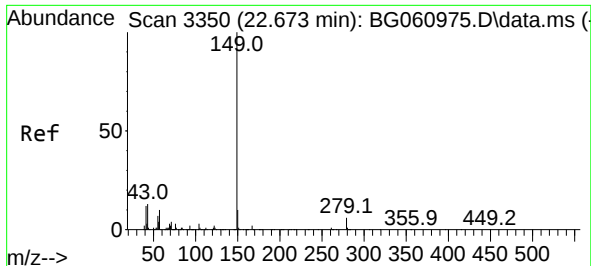
Ion Ratio Lower Upper

149 100

167 28.4 21.8 32.8

279 6.9 4.4 6.6#

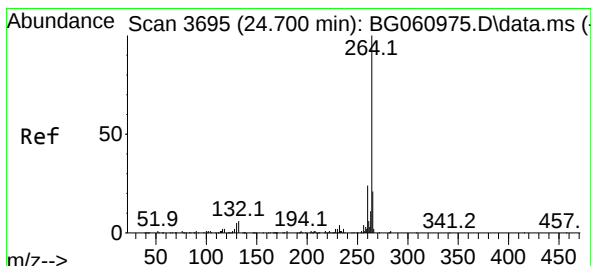
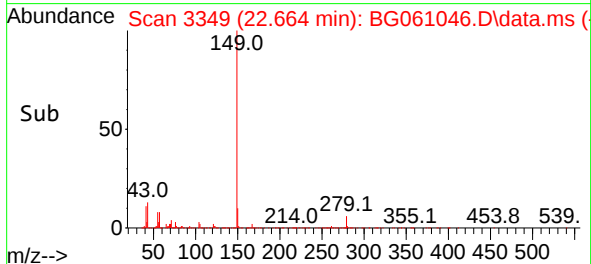
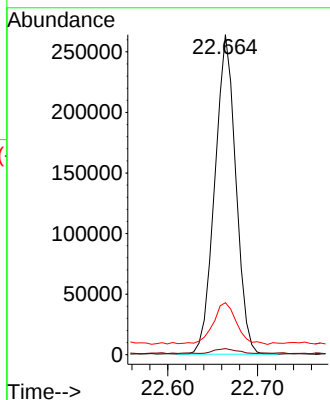
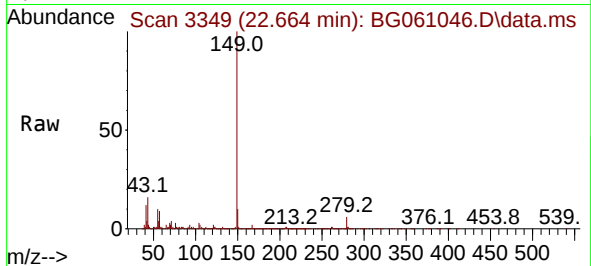




#85
Di-n-octyl phthalate
Concen: 37.798 ng
RT: 22.664 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

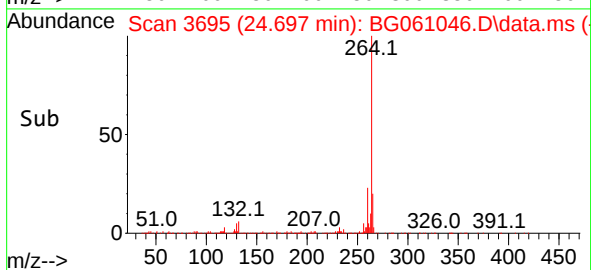
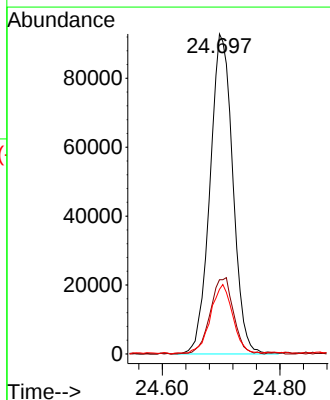
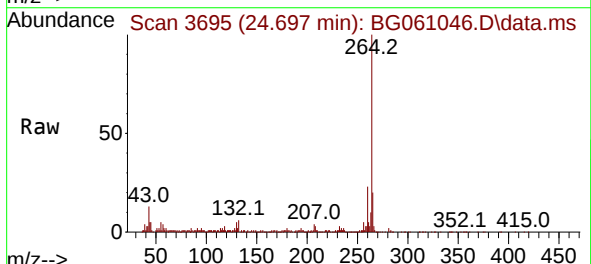
Instrument :
BNA_G
ClientSampleId :

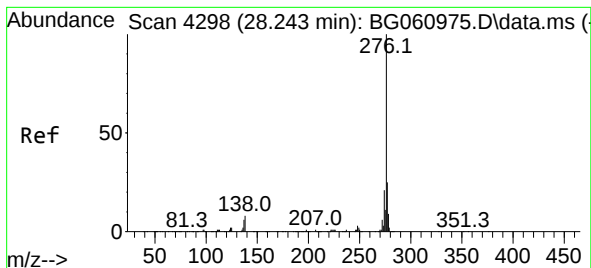
Tgt Ion:149 Resp: 427945
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.2
43 14.7 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.697 min Scan# 3695
Delta R.T. -0.003 min
Lab File: BG061046.D
Acq: 29 Apr 2024 12:22

Tgt Ion:264 Resp: 249729
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.2
265 20.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.380 ng

RT: 28.258 min Scan# 41

Delta R.T. 0.015 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

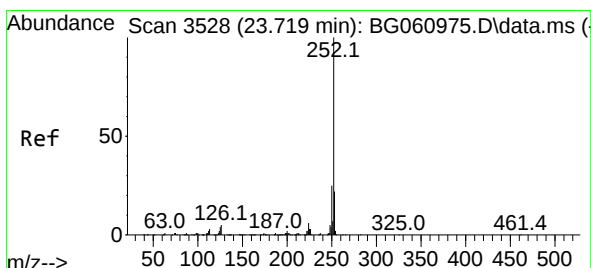
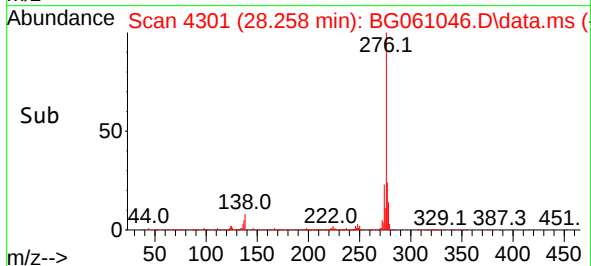
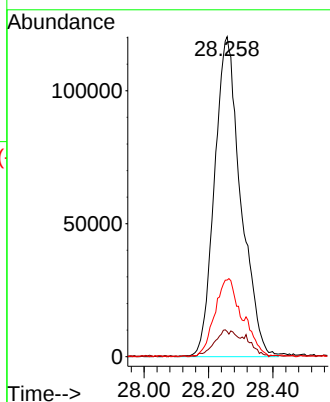
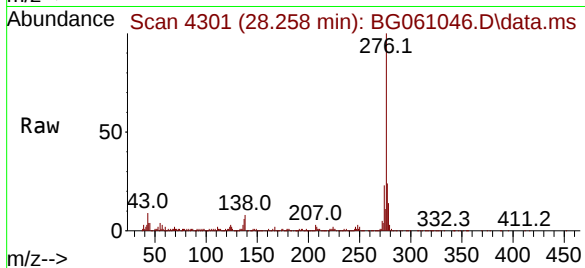
Tgt Ion:276 Resp: 682211

Ion Ratio Lower Upper

276 100

138 4.5 5.3 7.9#

277 25.7 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 37.835 ng

RT: 23.716 min Scan# 3528

Delta R.T. -0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

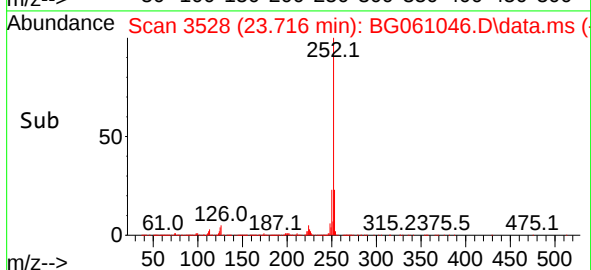
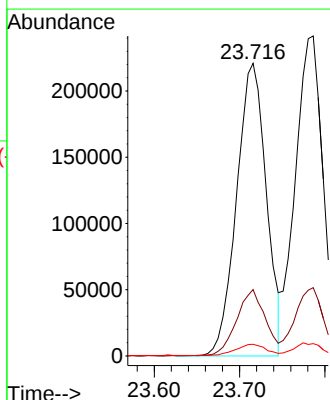
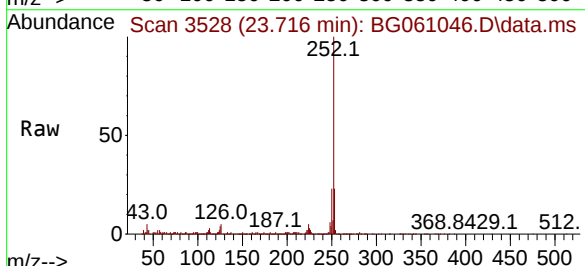
Tgt Ion:252 Resp: 535441

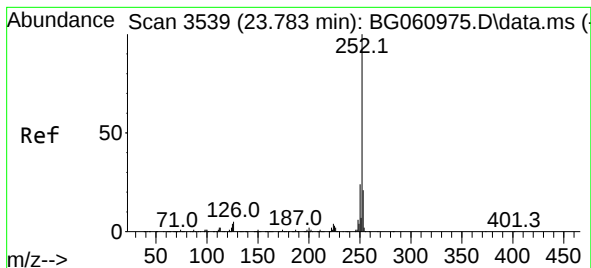
Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 4.0 3.3 4.9





#89

Benzo(k)fluoranthene

Concen: 38.120 ng

RT: 23.786 min Scan# 3540

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

BNA_G

ClientSampleId :

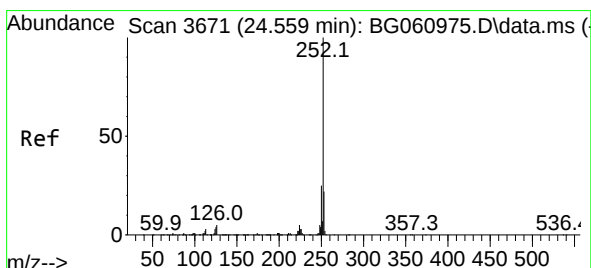
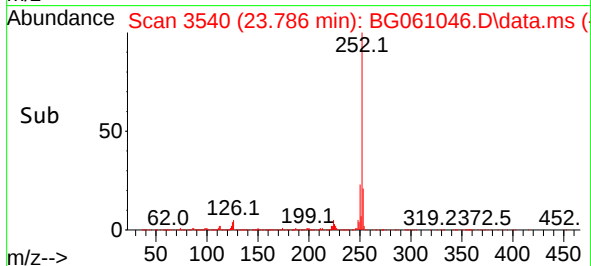
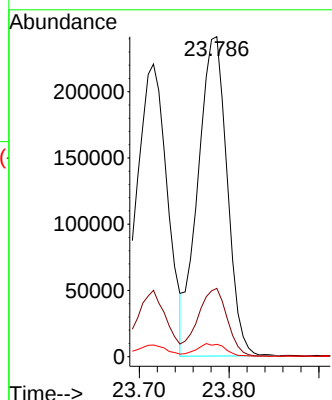
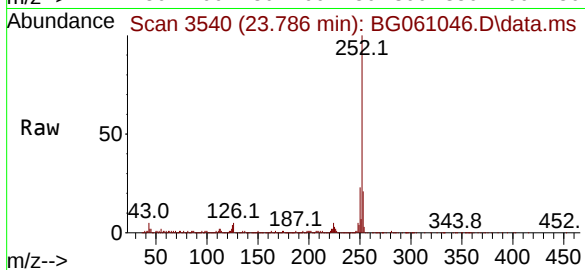
Tgt Ion:252 Resp: 544597

Ion Ratio Lower Upper

252 100

253 21.3 16.6 25.0

125 3.8 3.3 4.9



#90

Benzo(a)pyrene

Concen: 37.915 ng

RT: 24.562 min Scan# 3672

Delta R.T. 0.003 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

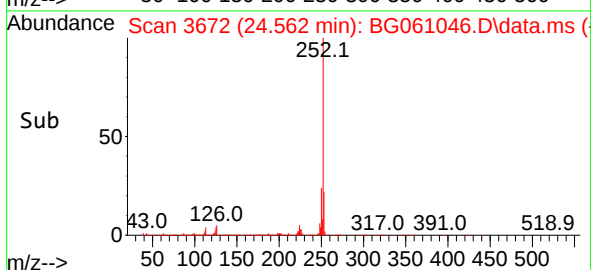
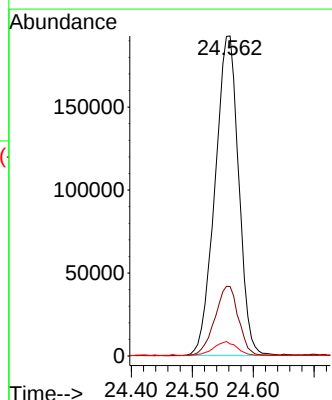
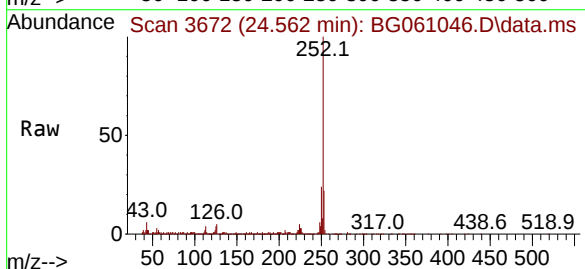
Tgt Ion:252 Resp: 519366

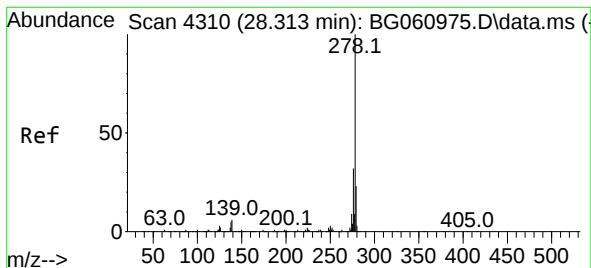
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 3.8 3.6 5.4





#91

Dibenzo(a,h)anthracene

Concen: 40.586 ng

RT: 28.316 min Scan# 41

Delta R.T. 0.003 min

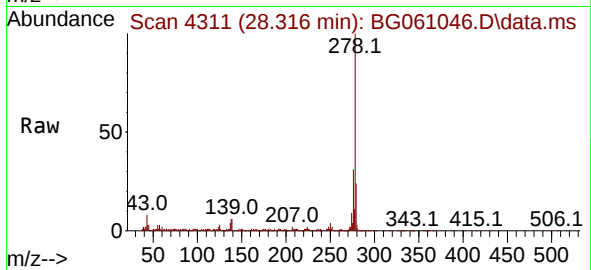
Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Instrument :

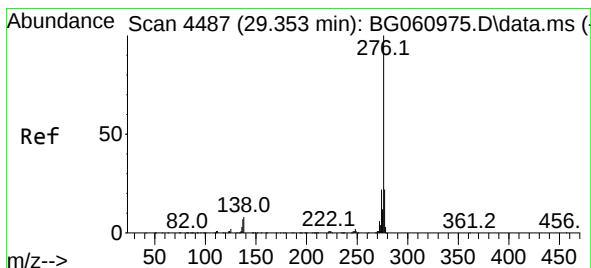
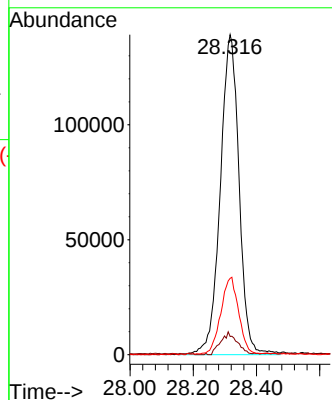
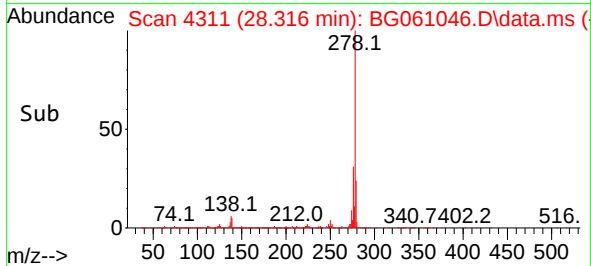
BNA_G

ClientSampleId :



Tgt Ion:278 Resp: 574450

Ion	Ratio	Lower	Upper
278	100		
139	5.7	4.7	7.1
279	23.9	18.2	27.4



#92

Benzo(g,h,i)perylene

Concen: 39.583 ng

RT: 29.368 min Scan# 4490

Delta R.T. 0.015 min

Lab File: BG061046.D

Acq: 29 Apr 2024 12:22

Tgt Ion:276 Resp: 555502

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.0	27.0
138	8.4	6.5	9.7

