

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042524\
 Data File : BG061041.D
 Acq On : 25 Apr 2024 17:21
 Operator : MA/JU
 Sample : P2261-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-RBR200059MSD

Quant Time: Apr 25 18:07:48 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	7.944	152	25730	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	104986	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	79363	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	181870	20.000	ng	0.00
76) Chrysene-d12	21.586	240	183305	20.000	ng	0.00
86) Perylene-d12	24.706	264	170402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	179504	141.116	ng	0.00
7) Phenol-d6	7.121	99	210316	111.435	ng	0.01
23) Nitrobenzene-d5	9.101	82	151152	64.686	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	188782	108.324	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	394941	68.874	ng	0.00
79) Terphenyl-d14	19.941	244	703153	59.543	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.455	88	19263	43.756	ng	94
3) Pyridine	3.842	79	50897	37.402	ng	98
4) n-Nitrosodimethylamine	3.760	42	58374	47.695	ng	# 98
6) Aniline	7.268	93	39161	17.264	ng	98
8) 2-Chlorophenol	7.515	128	73163	46.161	ng	99
9) Benzaldehyde	7.086	77	3157	3.252	ng	# 84
10) Phenol	7.144	94	88942	47.433	ng	93
11) bis(2-Chloroethyl)ether	7.368	93	56747	42.299	ng	96
12) 1,3-Dichlorobenzene	7.838	146	82865	47.146	ng	98
13) 1,4-Dichlorobenzene	7.979	146	85835	47.411	ng	99
14) 1,2-Dichlorobenzene	8.296	146	82949	46.882	ng	95
15) Benzyl Alcohol	8.179	79	71767	40.274	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.461	45	119439	40.898	ng	97
17) 2-Methylphenol	8.390	107	61313	40.496	ng	93
18) Hexachloroethane	9.025	117	29498	45.218	ng	93
19) n-Nitroso-di-n-propyla...	8.743	70	53407	37.971	ng	93
20) 3+4-Methylphenols	8.713	107	84279	39.802	ng	95
22) Acetophenone	8.760	105	115086	39.257	ng	# 96
24) Nitrobenzene	9.142	77	87071	38.778	ng	98
25) Isophorone	9.665	82	146459	37.452	ng	97
26) 2-Nitrophenol	9.853	139	42968	40.717	ng	98
27) 2,4-Dimethylphenol	9.918	122	56240	33.249	ng	99
28) bis(2-Chloroethoxy)met...	10.147	93	79731	38.758	ng	97
29) 2,4-Dichlorophenol	10.394	162	83292	42.666	ng	97
30) 1,2,4-Trichlorobenzene	10.605	180	97959	45.478	ng	95
31) Naphthalene	10.793	128	245706	42.748	ng	99
32) Benzoic acid	10.065	122	48053	37.285	ng	89
33) 4-Chloroaniline	10.899	127	38070	14.581	ng	95
34) Hexachlorobutadiene	11.075	225	85548	45.161	ng	97
35) Caprolactam	11.680	113	23241	37.376	ng	92
36) 4-Chloro-3-methylphenol	12.027	107	89677	39.386	ng	96
37) 2-Methylnaphthalene	12.397	142	177203	39.211	ng	98
38) 1-Methylnaphthalene	12.615	142	165122	39.154	ng	95
40) 1,2,4,5-Tetrachloroben...	12.767	216	145437	51.567	ng	99
41) Hexachlorocyclopentadiene	12.744	237	63578	38.311	ng	95
43) 2,4,6-Trichlorophenol	13.008	196	88331	47.644	ng	95

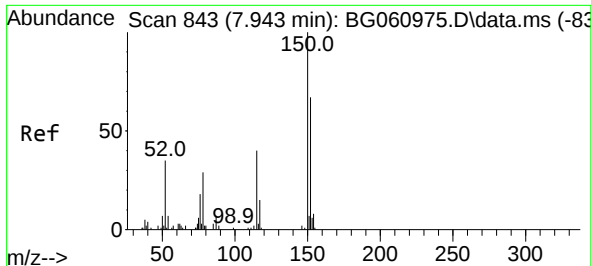
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042524\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	96460	43.984	ng	97
46) 1,1'-Biphenyl	13.408	154	249482	46.669	ng	96
47) 2-Chloronaphthalene	13.449	162	195906	47.796	ng	97
48) 2-Nitroaniline	13.649	65	69711	42.141	ng	93
49) Acenaphthylene	14.295	152	326597	47.312	ng	98
50) Dimethylphthalate	14.031	163	270038	41.263	ng	98
51) 2,6-Dinitrotoluene	14.148	165	55934	40.962	ng	94
52) Acenaphthene	14.636	154	181207	43.201	ng	99
53) 3-Nitroaniline	14.471	138	40481	30.065	ng	94
54) 2,4-Dinitrophenol	14.683	184	25710	32.454	ng	96
55) Dibenzofuran	14.976	168	315928	43.618	ng	99
56) 4-Nitrophenol	14.800	139	85624	88.763	ng	98
57) 2,4-Dinitrotoluene	14.941	165	80595	40.980	ng	90
58) Fluorene	15.623	166	257140	42.061	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.200	232	97058	43.850	ng	# 99
60) Diethylphthalate	15.400	149	260271	40.384	ng	99
61) 4-Chlorophenyl-phenyle...	15.617	204	154200	40.897	ng	99
62) 4-Nitroaniline	15.640	138	55409	38.164	ng	95
63) Azobenzene	15.911	77	212269	40.493	ng	98
65) 4,6-Dinitro-2-methylph...	15.705	198	20059	17.862	ng	97
66) n-Nitrosodiphenylamine	15.828	169	230622	46.027	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	112574	46.901	ng	95
68) Hexachlorobenzene	16.633	284	133182	50.234	ng	98
69) Atrazine	16.786	200	96156	51.275	ng	92
70) Pentachlorophenol	16.974	266	161201	92.725	ng	97
71) Phenanthrene	17.362	178	430628	46.388	ng	98
72) Anthracene	17.456	178	433524	45.343	ng	98
73) Carbazole	17.726	167	350826	44.182	ng	97
74) Di-n-butylphthalate	18.290	149	404711	41.981	ng	99
75) Fluoranthene	19.377	202	612442	49.711	ng	98
77) Benzidine	19.553	184	220376	64.884	ng	99
78) Pyrene	19.741	202	643627	51.568	ng	99
80) Butylbenzylphthalate	20.635	149	173382	41.678	ng	98
81) Benzo(a)anthracene	21.563	228	646159	50.139	ng	98
82) 3,3'-Dichlorobenzidine	21.481	252	169885	36.476	ng	99
83) Chrysene	21.627	228	620619	50.581	ng	98
84) Bis(2-ethylhexyl)phtha...	21.486	149	251454	41.575	ng	99
85) Di-n-octyl phthalate	22.673	149	432211	43.043	ng	98
87) Indeno(1,2,3-cd)pyrene	28.267	276	440044	37.226	ng	# 82
88) Benzo(b)fluoranthene	23.725	252	551257	57.086	ng	99
89) Benzo(k)fluoranthene	23.790	252	621495	63.755	ng	97
90) Benzo(a)pyrene	24.565	252	512439	54.825	ng	99
91) Dibenzo(a,h)anthracene	28.326	278	338658	35.066	ng	99
92) Benzo(g,h,i)perylene	29.365	276	288881	30.167	ng	97

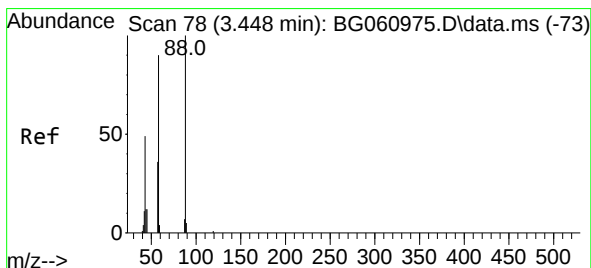
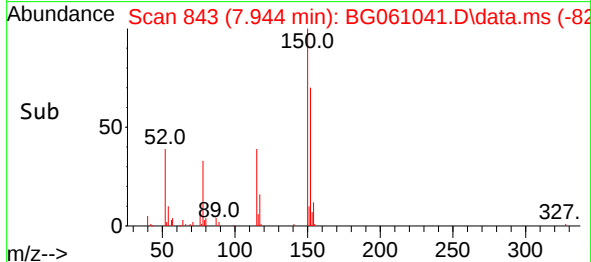
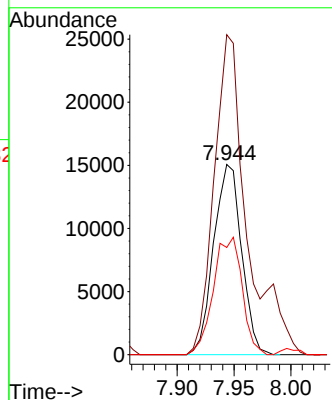
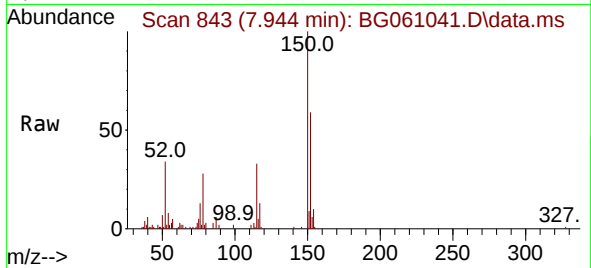
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.944 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BG061041.D
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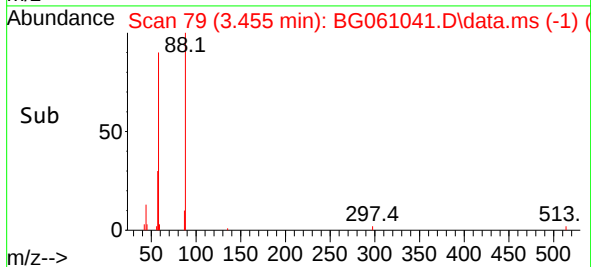
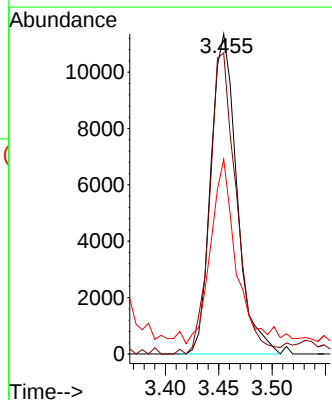
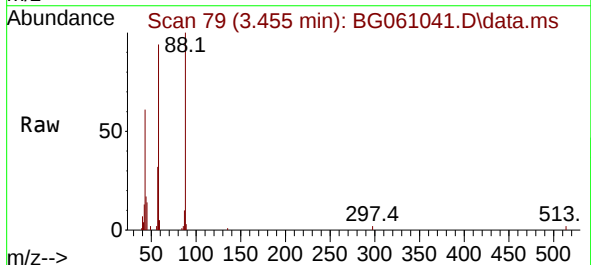
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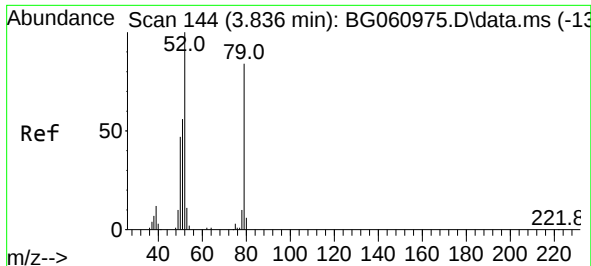
Tgt Ion:152 Resp: 25730
 Ion Ratio Lower Upper
 152 100
 150 168.2 118.6 178.0
 115 56.3 47.4 71.0



#2
 1,4-Dioxane
 Concen: 43.756 ng
 RT: 3.455 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BG061041.D
 Acq: 25 Apr 2024 17:21

Tgt Ion: 88 Resp: 19263
 Ion Ratio Lower Upper
 88 100
 58 95.9 80.2 120.2
 43 60.1 43.4 65.0

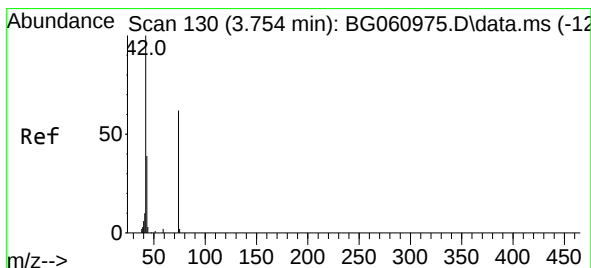
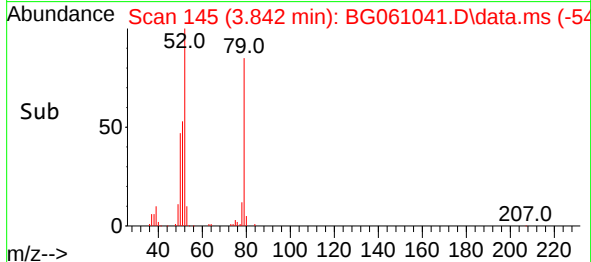
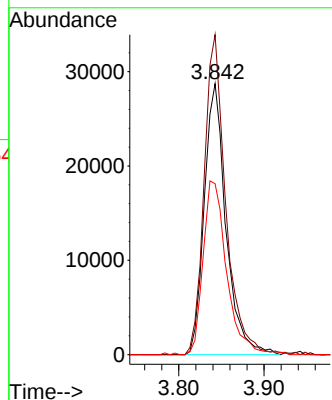
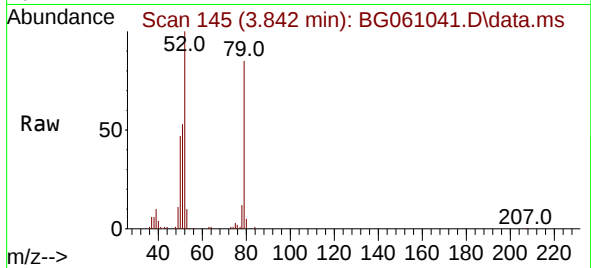




#3
Pyridine
Concen: 37.402 ng
RT: 3.842 min Scan# 144
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

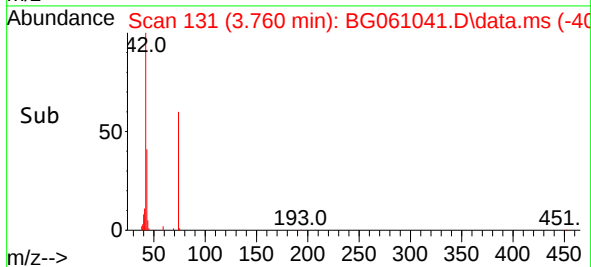
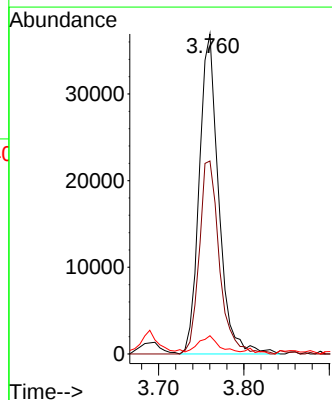
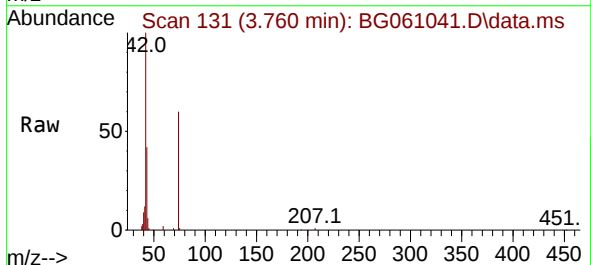
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ClientSampleId :
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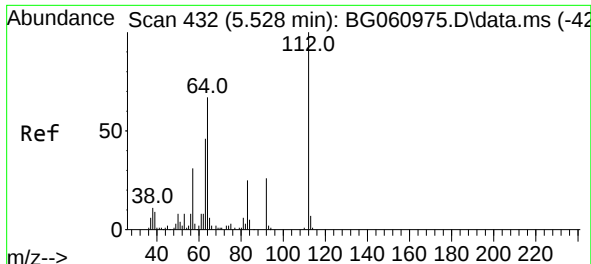
Tgt Ion: 79 Resp: 50897
Ion Ratio Lower Upper
79 100
52 118.0 95.0 142.6
51 63.1 53.3 79.9



#4
n-Nitrosodimethylamine
Concen: 47.695 ng
RT: 3.760 min Scan# 131
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion: 42 Resp: 58374
Ion Ratio Lower Upper
42 100
74 60.3 49.8 74.6
44 5.7 3.8 5.6#

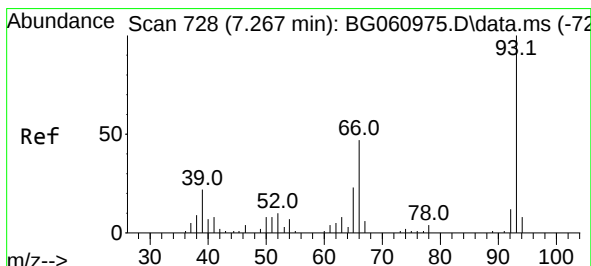
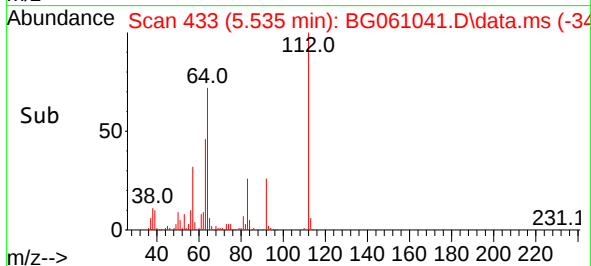
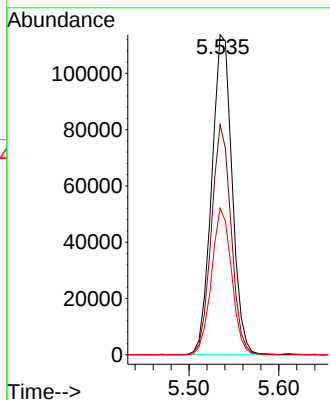
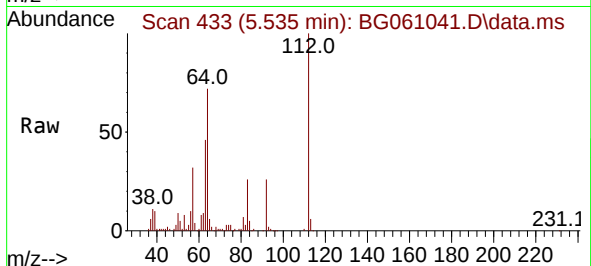




#5
2-Fluorophenol
Concen: 141.116 ng
RT: 5.535 min Scan# 411
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

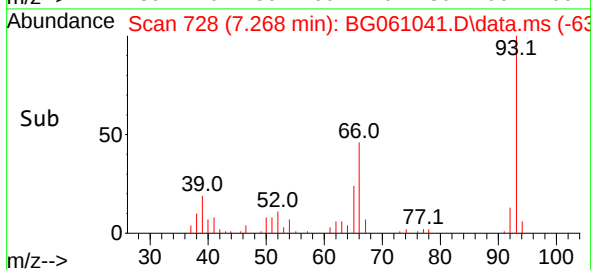
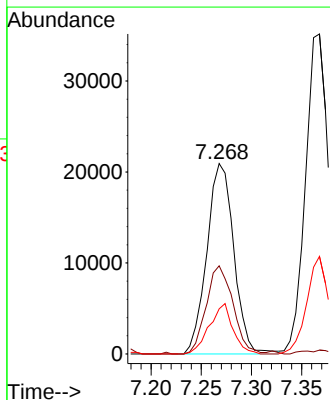
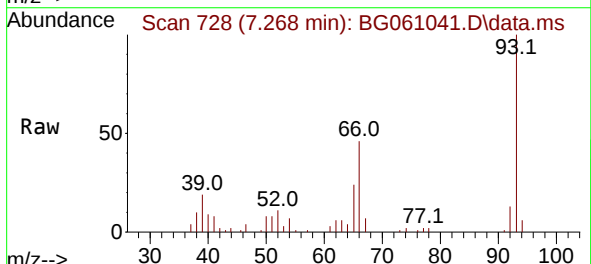
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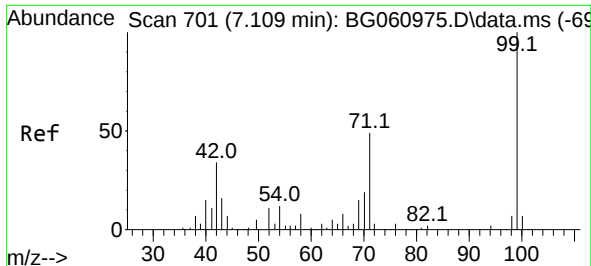
Tgt Ion:112 Resp: 179504
Ion Ratio Lower Upper
112 100
64 71.9 53.7 80.5
63 45.7 37.0 55.6



#6
Aniline
Concen: 17.264 ng
RT: 7.268 min Scan# 728
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion: 93 Resp: 39161
Ion Ratio Lower Upper
93 100
66 46.3 37.9 56.9
65 23.7 18.2 27.4

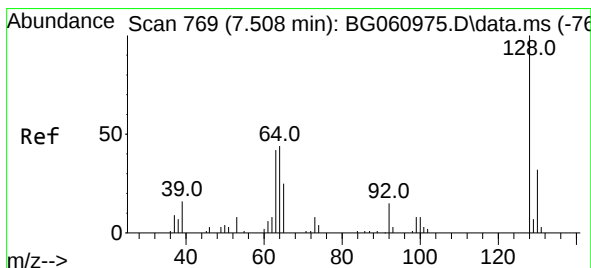
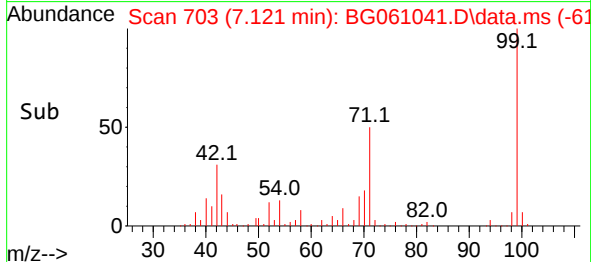
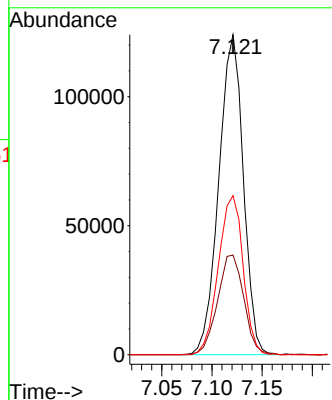
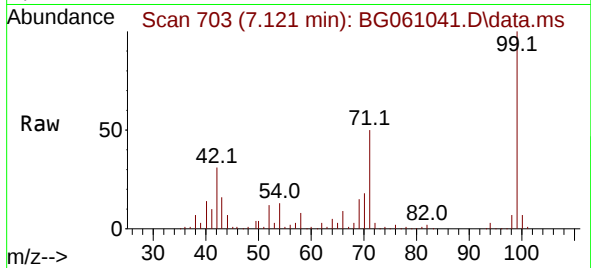




#7
Phenol-d6
Concen: 111.435 ng
RT: 7.121 min Scan# 701
Delta R.T. 0.012 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

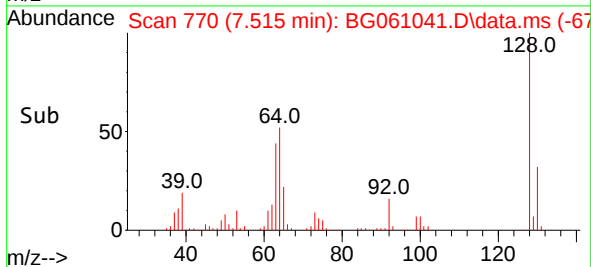
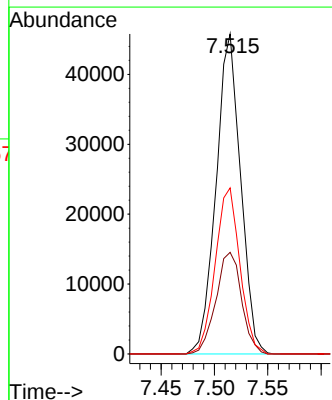
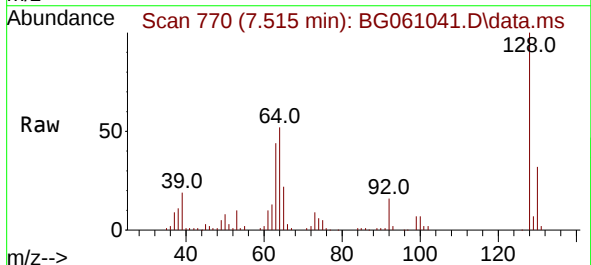
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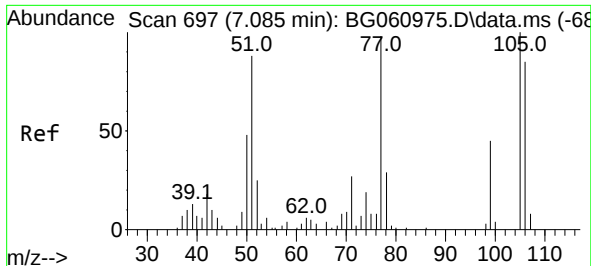
Tgt Ion: 99 Resp: 210316
Ion Ratio Lower Upper
99 100
42 31.2 27.2 40.8
71 49.7 38.8 58.2



#8
2-Chlorophenol
Concen: 46.161 ng
RT: 7.515 min Scan# 770
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:128 Resp: 73163
Ion Ratio Lower Upper
128 100
130 31.8 12.2 52.2
64 51.9 30.8 70.8

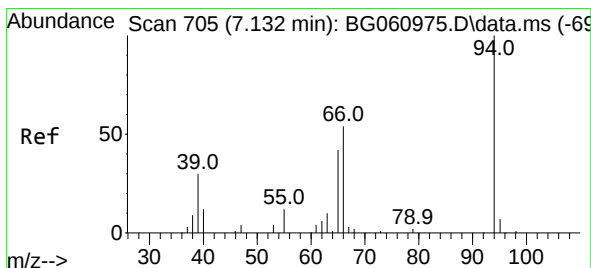
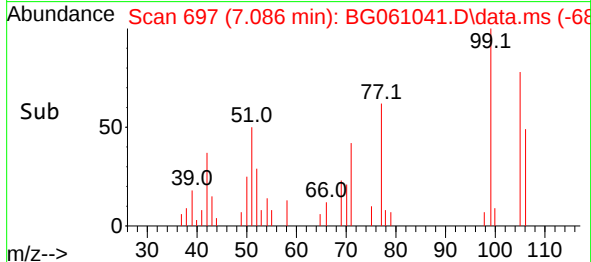
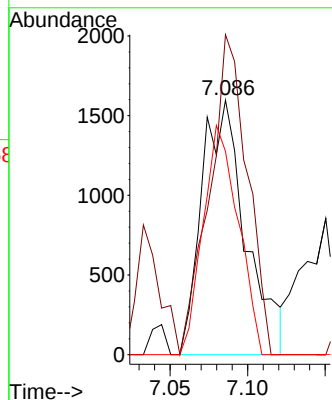
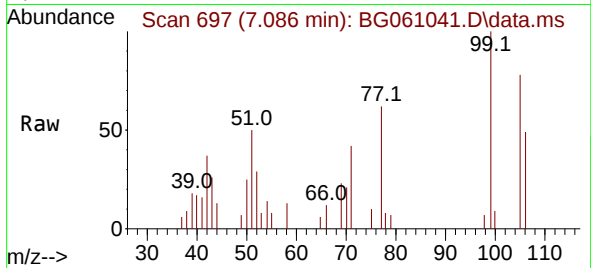




#9
Benzaldehyde
Concen: 3.252 ng
RT: 7.086 min Scan# 697
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

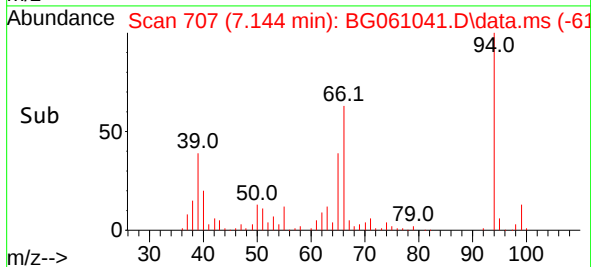
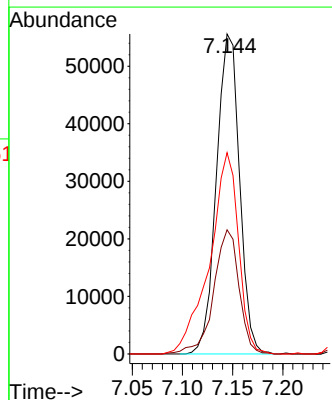
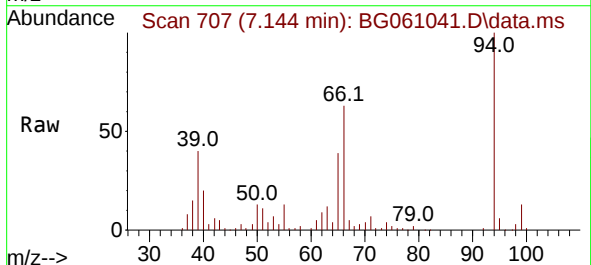
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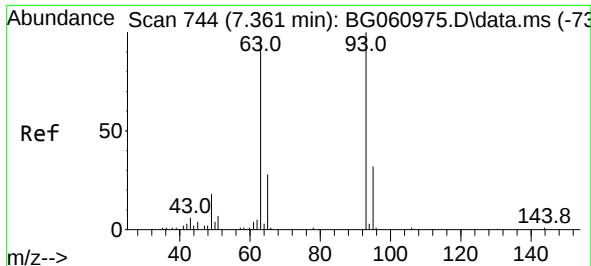
Tgt Ion: 77 Resp: 3157
Ion Ratio Lower Upper
77 100
105 125.7 81.7 121.7#
106 79.9 66.7 106.7



#10
Phenol
Concen: 47.433 ng
RT: 7.144 min Scan# 707
Delta R.T. 0.012 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion: 94 Resp: 88942
Ion Ratio Lower Upper
94 100
65 38.8 23.1 63.1
66 62.9 38.0 78.0

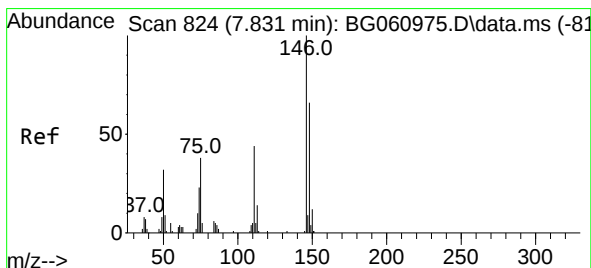
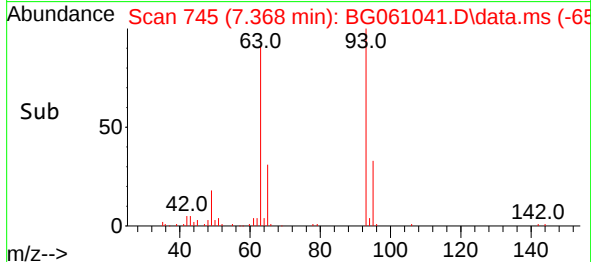
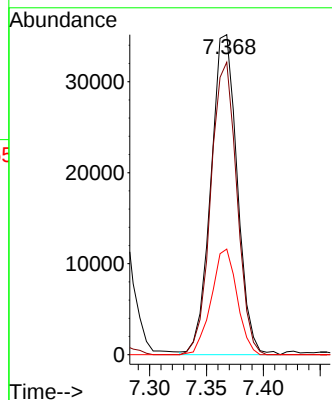
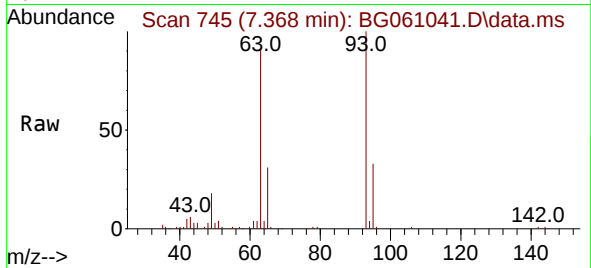




#11
bis(2-Chloroethyl)ether
Concen: 42.299 ng
RT: 7.368 min Scan# 744
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

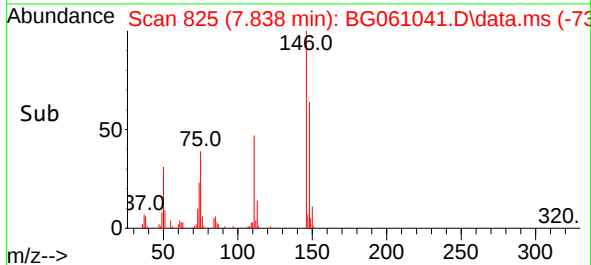
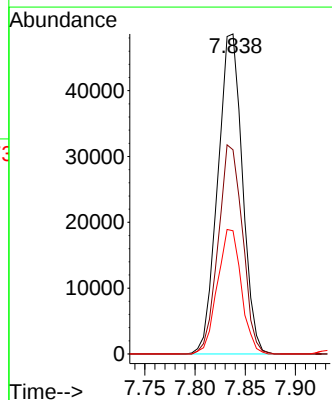
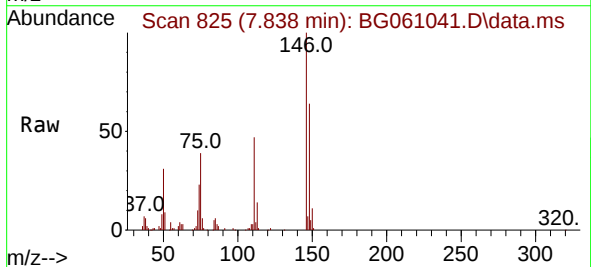
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

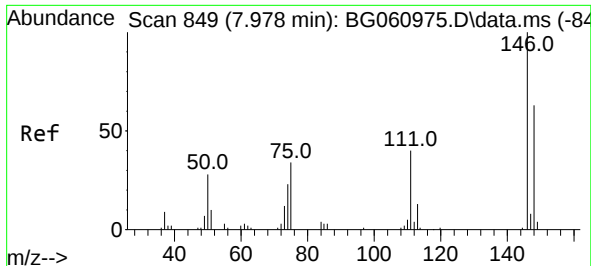
Tgt Ion: 93 Resp: 56747
Ion Ratio Lower Upper
93 100
63 91.4 75.6 115.6
95 33.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 47.146 ng
RT: 7.838 min Scan# 825
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion: 146 Resp: 82865
Ion Ratio Lower Upper
146 100
148 63.8 52.7 79.1
75 38.5 30.1 45.1

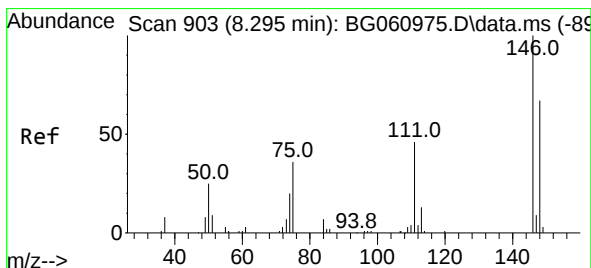
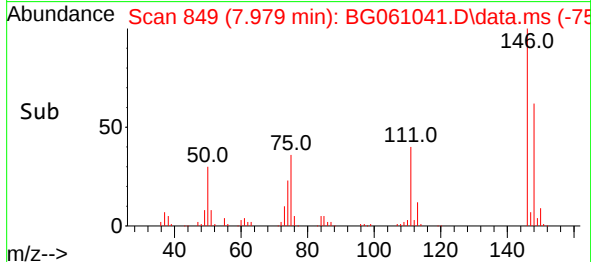
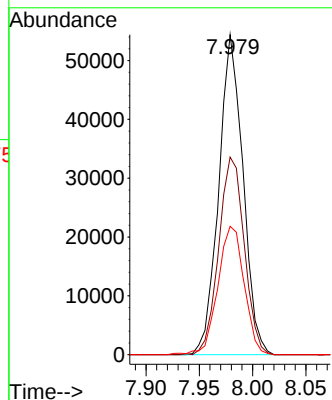
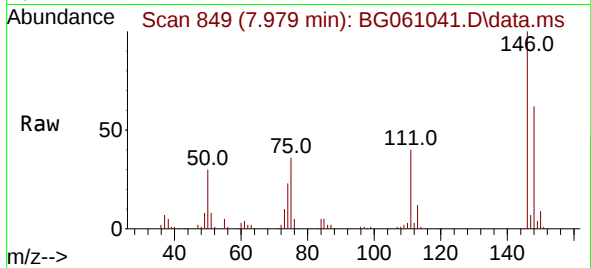




#13
1,4-Dichlorobenzene
Concen: 47.411 ng
RT: 7.979 min Scan# 849
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

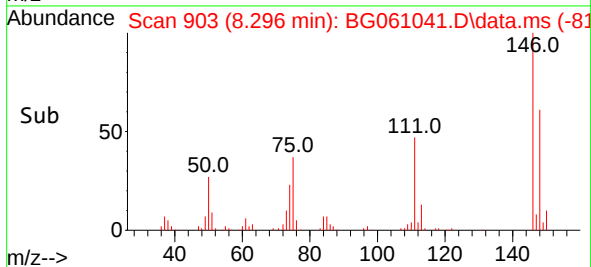
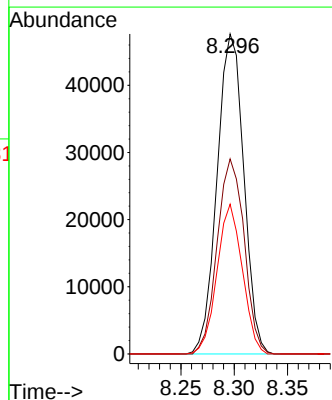
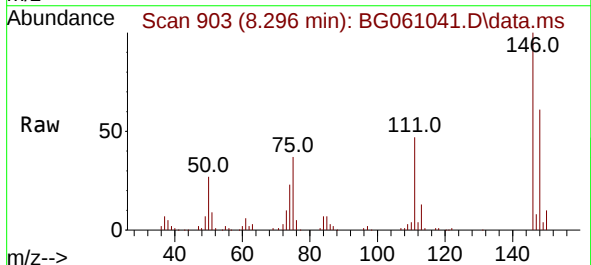
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

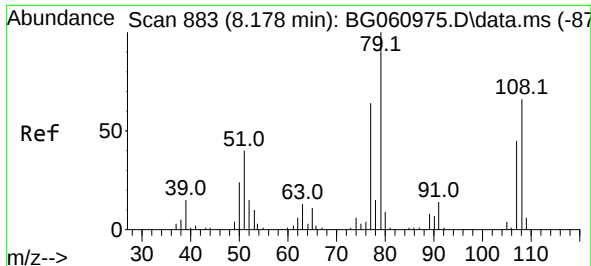
Tgt Ion:146 Resp: 85835
Ion Ratio Lower Upper
146 100
148 61.8 50.4 75.6
111 40.1 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 46.882 ng
RT: 8.296 min Scan# 903
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:146 Resp: 82949
Ion Ratio Lower Upper
146 100
148 61.0 53.8 80.8
111 46.8 38.2 57.2

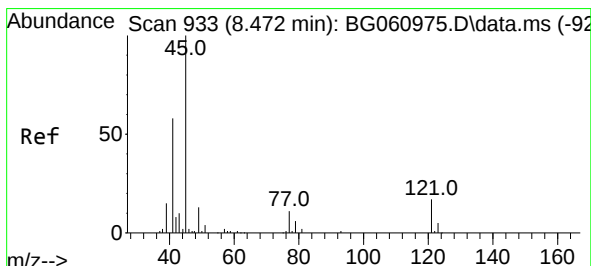
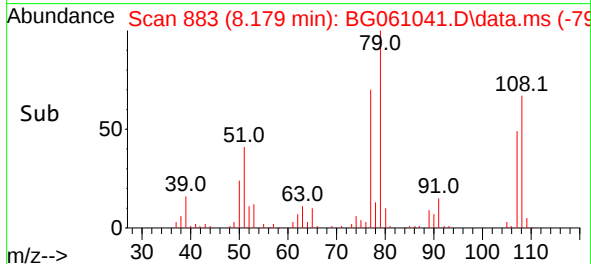
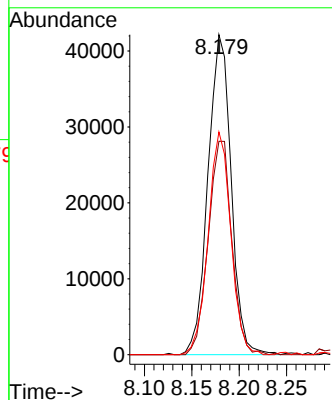
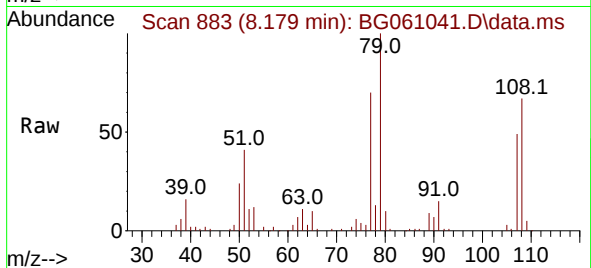




#15
Benzyl Alcohol
Concen: 40.274 ng
RT: 8.179 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

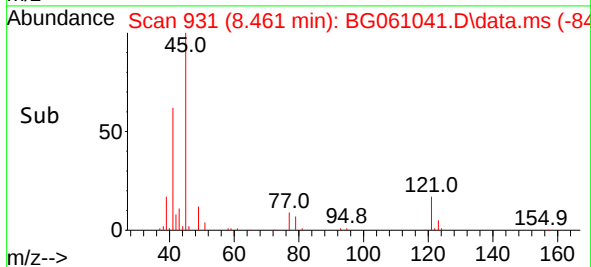
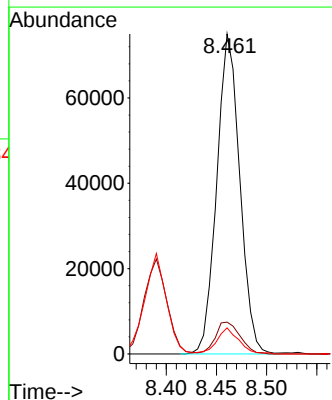
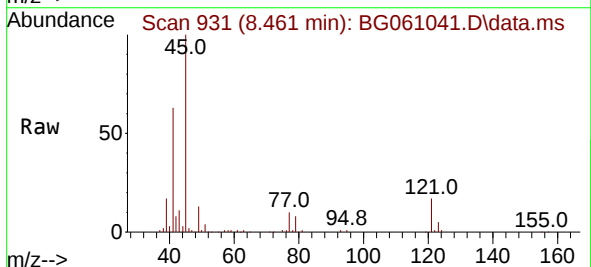
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

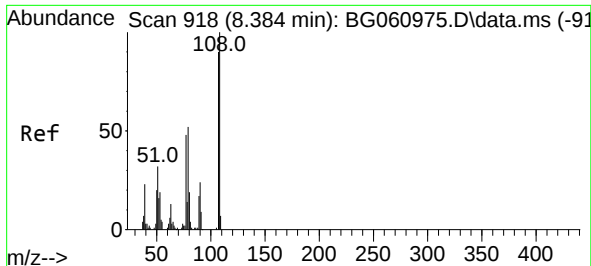
Tgt Ion: 79 Resp: 71767
Ion Ratio Lower Upper
79 100
108 66.7 53.0 79.6
77 69.6 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.898 ng
RT: 8.461 min Scan# 931
Delta R.T. -0.011 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion: 45 Resp: 119439
Ion Ratio Lower Upper
45 100
77 10.0 0.0 30.6
79 8.2 0.0 26.6

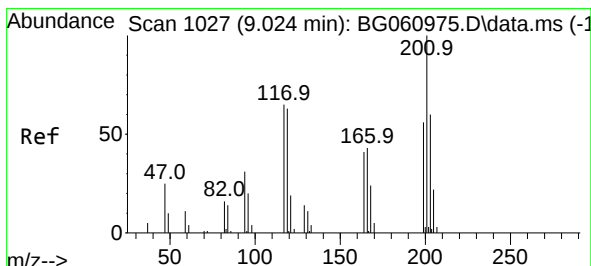
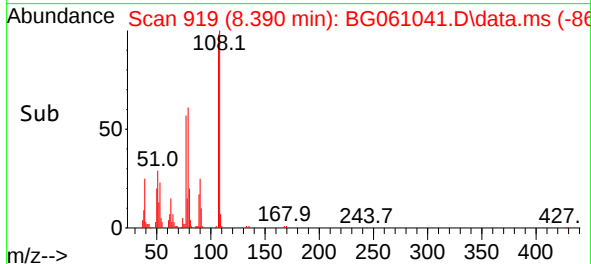
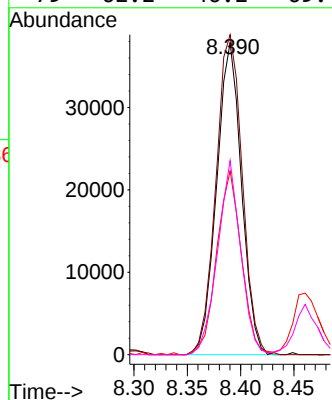
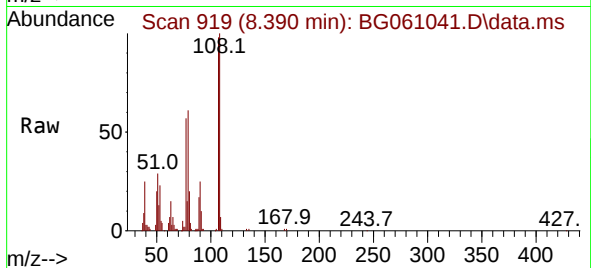




#17
2-Methylphenol
Concen: 40.496 ng
RT: 8.390 min Scan# 918
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

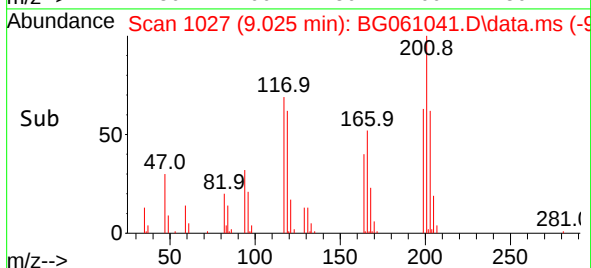
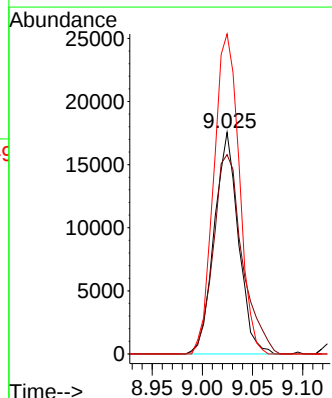
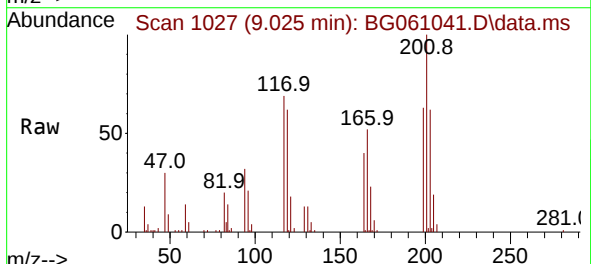
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

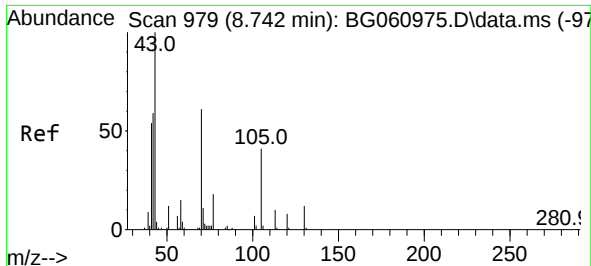
Tgt Ion:	107	Resp:	61313
Ion	Ratio	Lower	Upper
107	100		
108	102.5	89.2	133.8
77	58.8	43.0	64.6
79	62.2	46.2	69.4



#18
Hexachloroethane
Concen: 45.218 ng
RT: 9.025 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:	117	Resp:	29498
Ion	Ratio	Lower	Upper
117	100		
119	90.9	79.8	119.8
201	147.8	124.0	186.0

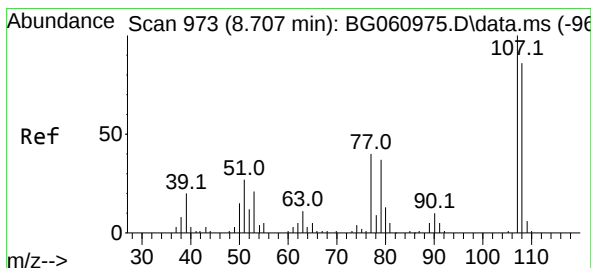
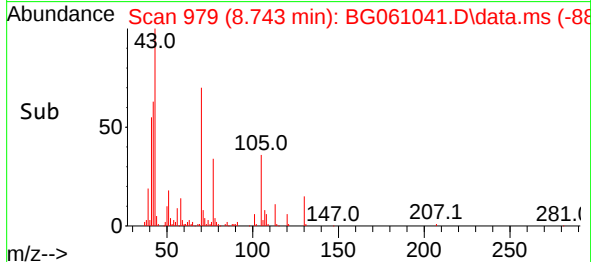
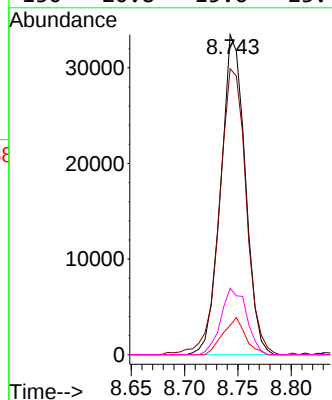
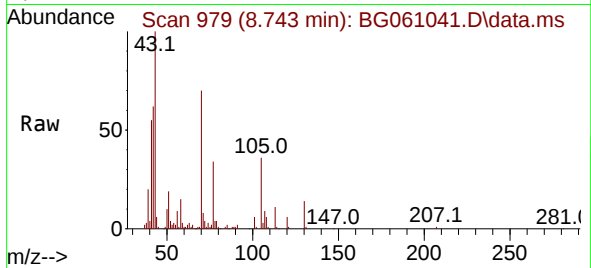




#19
n-Nitroso-di-n-propylamine
Concen: 37.971 ng
RT: 8.743 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

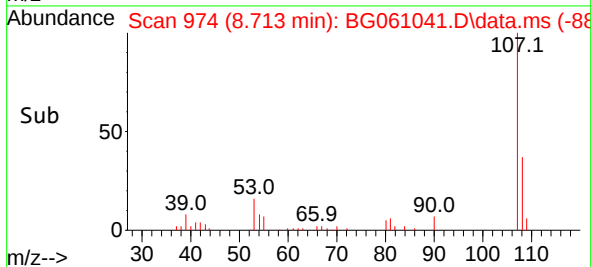
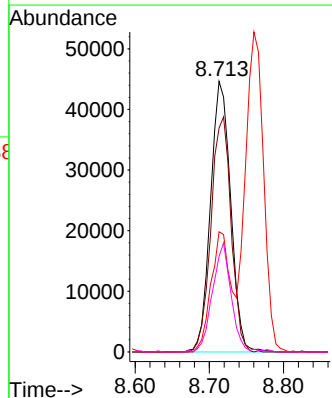
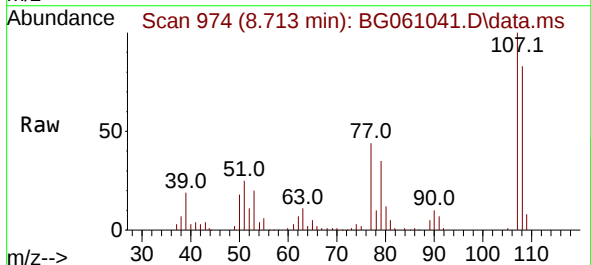
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

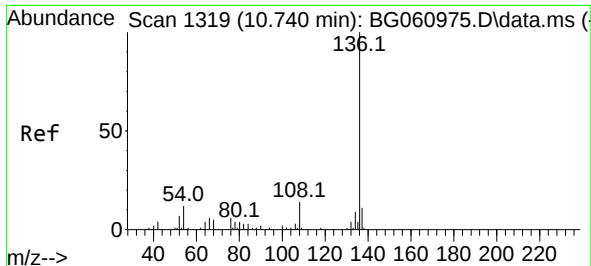
Tgt Ion:	70	Resp:	53407
Ion	Ratio	Lower	Upper
70	100		
42	89.3	78.0	117.0
101	9.2	8.6	13.0
130	20.8	15.6	23.4



#20
3+4-Methylphenols
Concen: 39.802 ng
RT: 8.713 min Scan# 974
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:	107	Resp:	84279
Ion	Ratio	Lower	Upper
107	100		
108	82.8	66.5	106.5
77	44.4	19.9	59.9
79	35.4	16.9	56.9

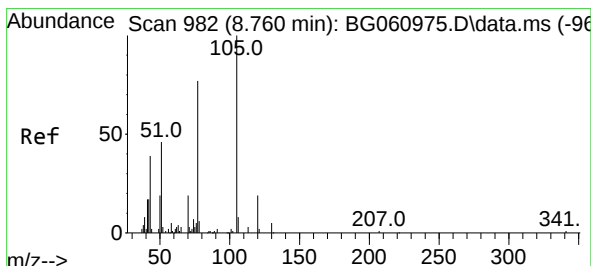
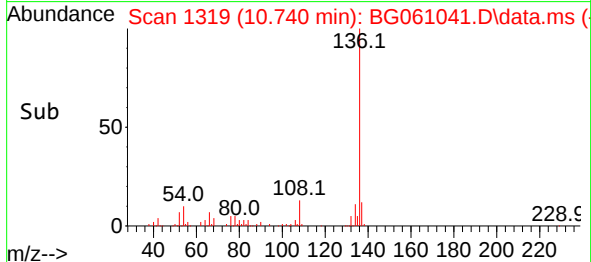
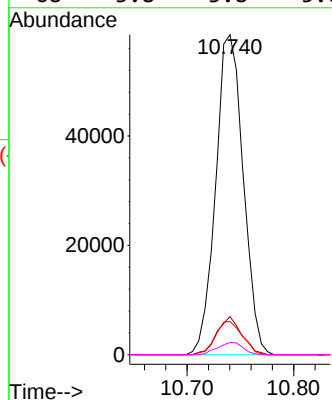
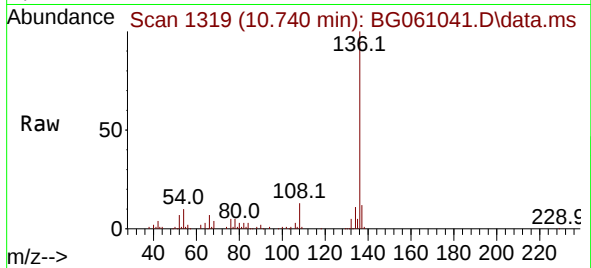




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

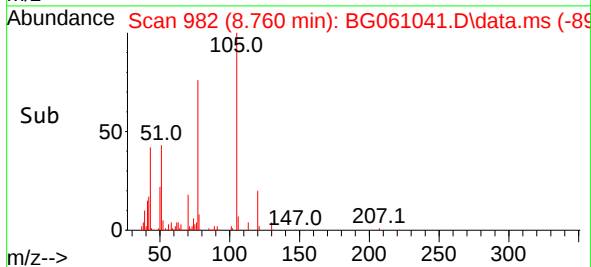
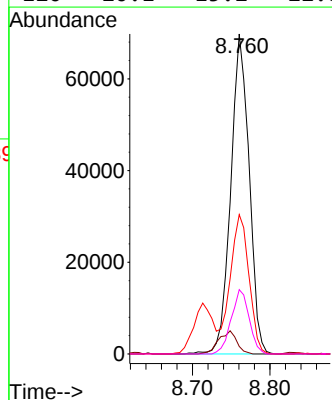
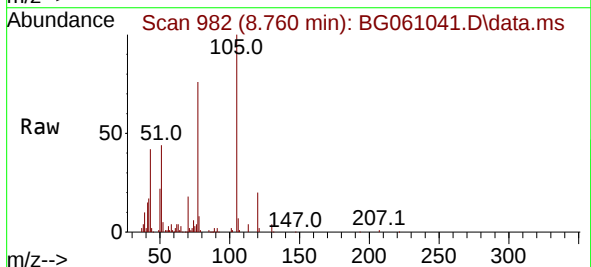
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

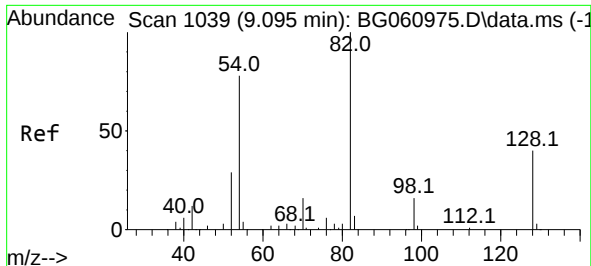
Tgt Ion:	136	Resp:	104986
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.5	12.7
54	10.4	9.4	14.0
68	3.8	3.8	5.6



#22
Acetophenone
Concen: 39.257 ng
RT: 8.760 min Scan# 982
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:	105	Resp:	115086
Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.5	3.7#
51	43.5	37.8	56.6
120	20.1	15.2	22.8





#23

Nitrobenzene-d5

Concen: 64.686 ng

RT: 9.101 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

Instrument :

BNA_G

ClientSampleId :

RO-RBR200059MSD

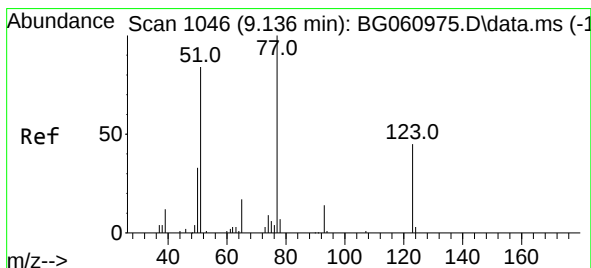
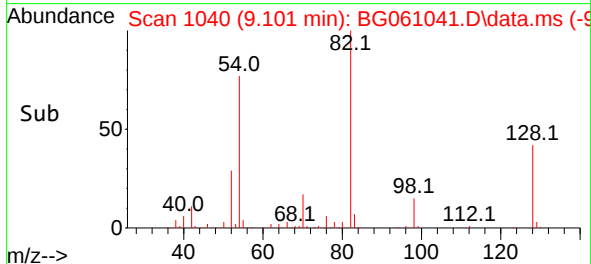
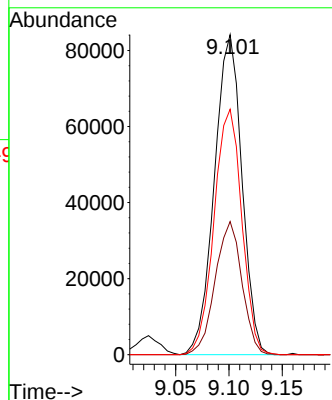
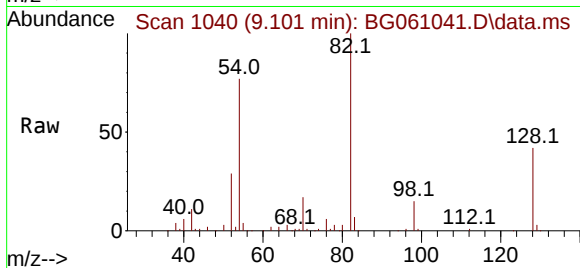
Tgt Ion: 82 Resp: 151152

Ion Ratio Lower Upper

82 100

128 41.6 32.1 48.1

54 76.7 62.3 93.5



#24

Nitrobenzene

Concen: 38.778 ng

RT: 9.142 min Scan# 1047

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

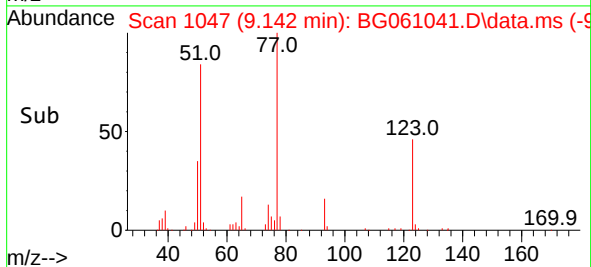
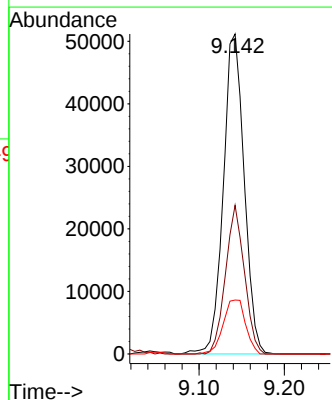
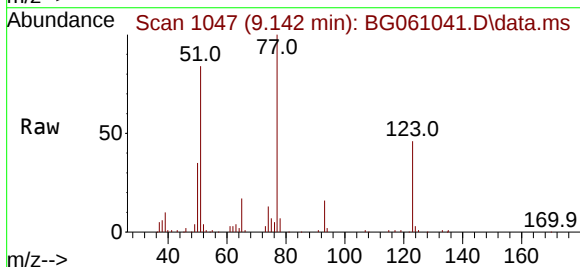
Tgt Ion: 77 Resp: 87071

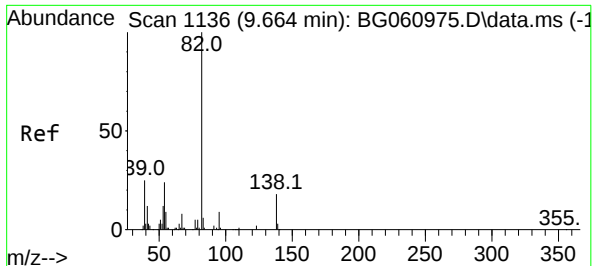
Ion Ratio Lower Upper

77 100

123 46.5 35.9 53.9

65 16.9 13.3 19.9

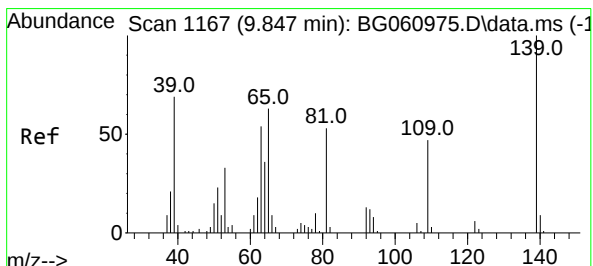
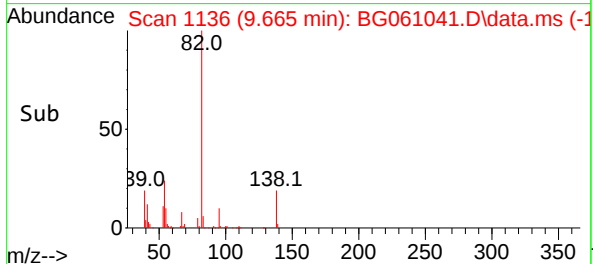
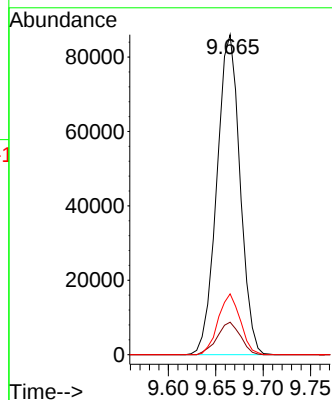
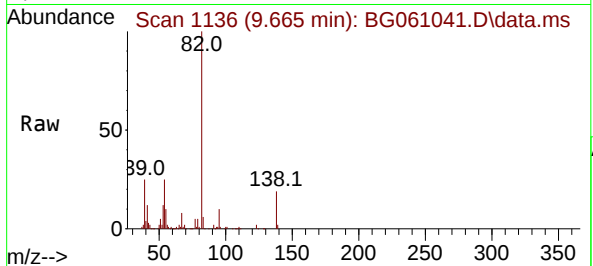




#25
Isophorone
Concen: 37.452 ng
RT: 9.665 min Scan# 1136
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

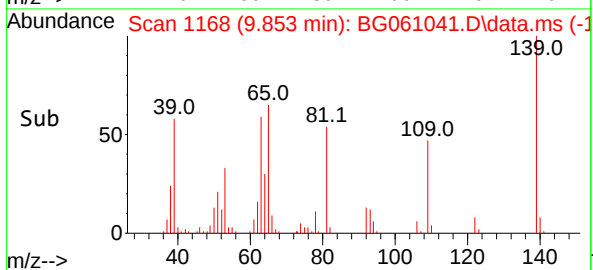
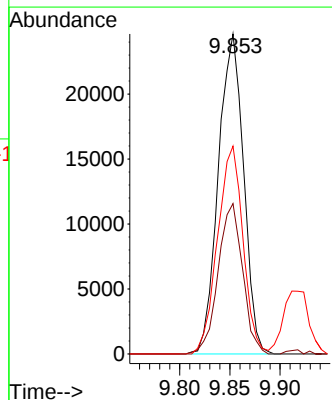
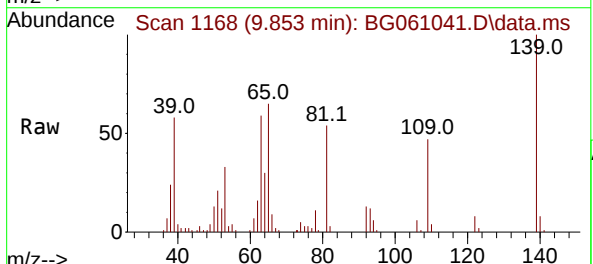
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

Tgt Ion: 82 Resp: 146459
Ion Ratio Lower Upper
82 100
95 10.2 7.6 11.4
138 19.0 14.2 21.2



#26
2-Nitrophenol
Concen: 40.717 ng
RT: 9.853 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion: 139 Resp: 42968
Ion Ratio Lower Upper
139 100
109 47.0 37.4 56.2
65 64.9 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 33.249 ng

RT: 9.918 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

Instrument :

BNA_G

ClientSampleId :

RO-RBR200059MSD

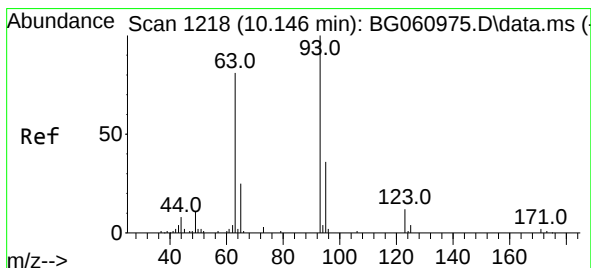
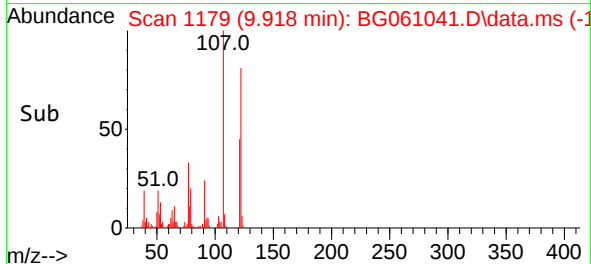
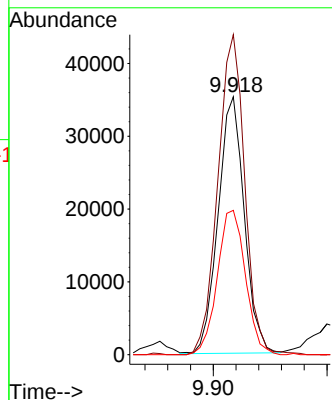
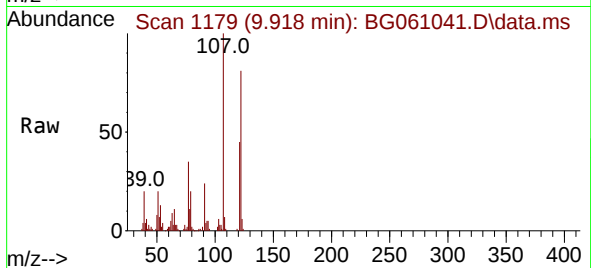
Tgt Ion:122 Resp: 56240

Ion Ratio Lower Upper

122 100

107 124.1 98.7 148.1

121 55.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 38.758 ng

RT: 10.147 min Scan# 1218

Delta R.T. 0.001 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

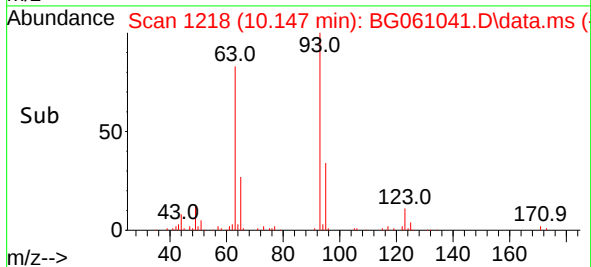
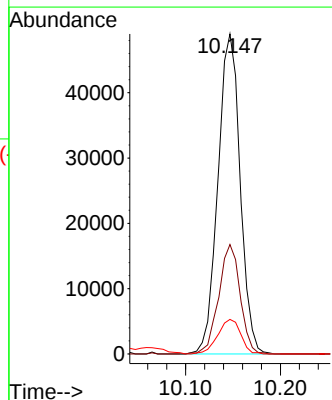
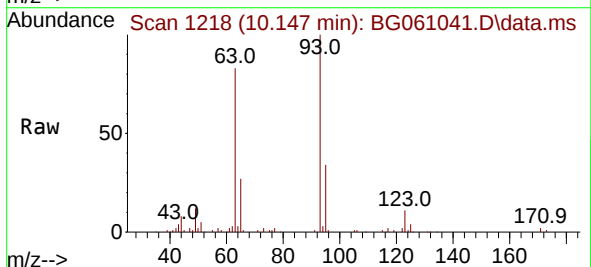
Tgt Ion: 93 Resp: 79731

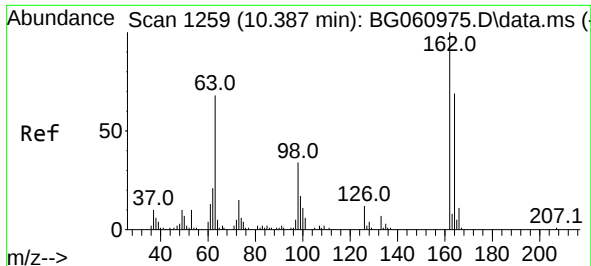
Ion Ratio Lower Upper

93 100

95 34.2 28.8 43.2

123 10.8 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 42.666 ng

RT: 10.394 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

Instrument :

BNA_G

ClientSampleId :

RO-RBR200059MSD

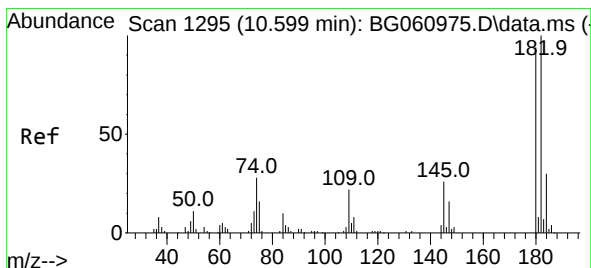
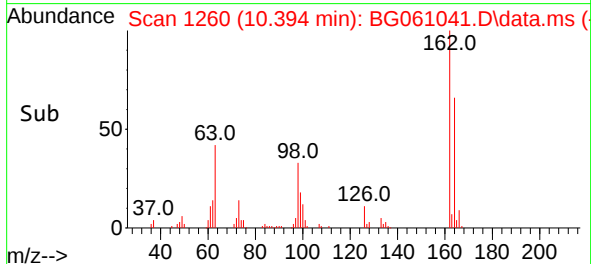
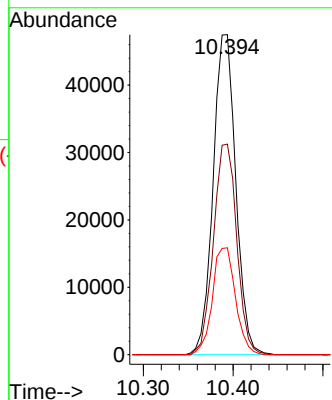
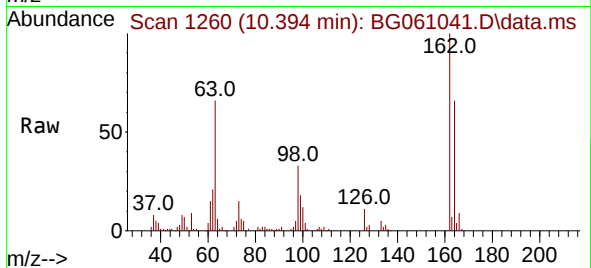
Tgt Ion:162 Resp: 83292

Ion Ratio Lower Upper

162 100

164 65.8 49.0 89.0

98 33.4 14.3 54.3



#30

1,2,4-Trichlorobenzene

Concen: 45.478 ng

RT: 10.605 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

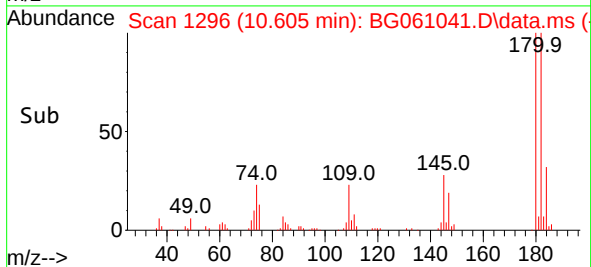
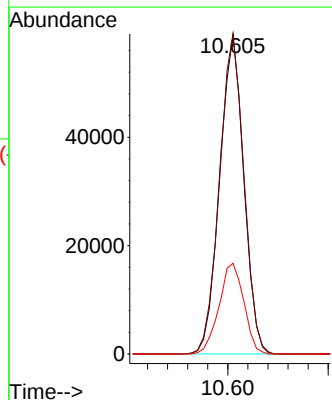
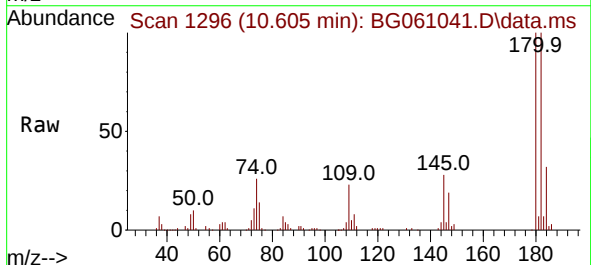
Tgt Ion:180 Resp: 97959

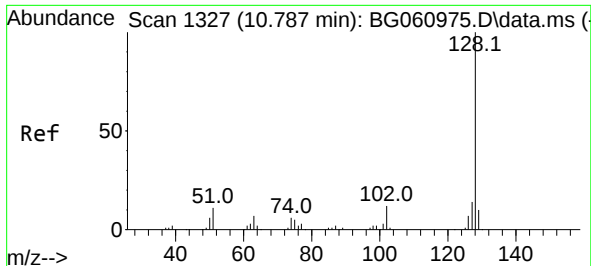
Ion Ratio Lower Upper

180 100

182 100.2 85.4 128.2

145 28.4 22.6 33.8

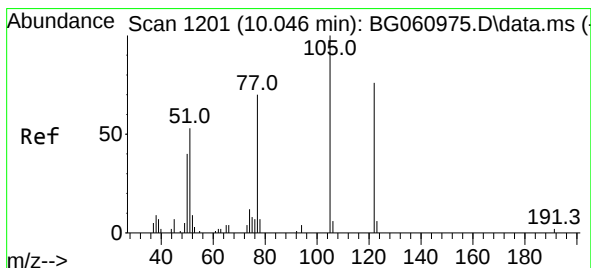
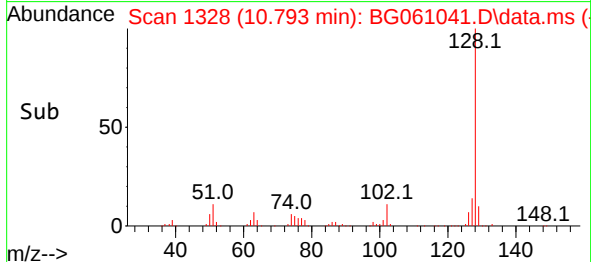
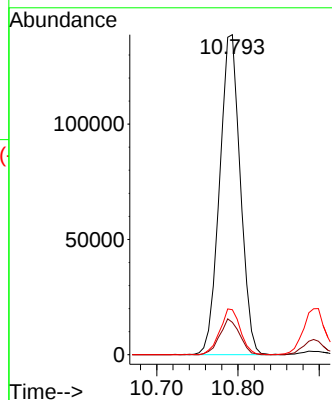
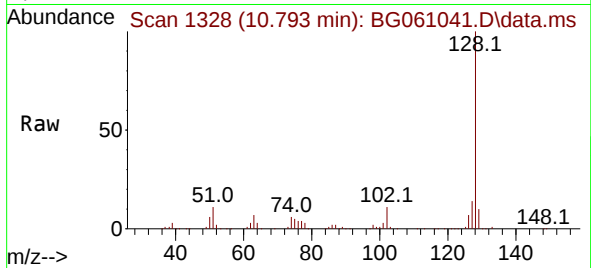




#31
Naphthalene
Concen: 42.748 ng
RT: 10.793 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

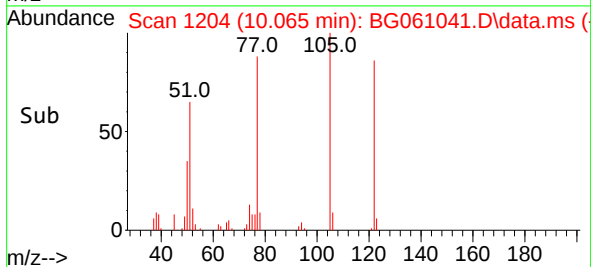
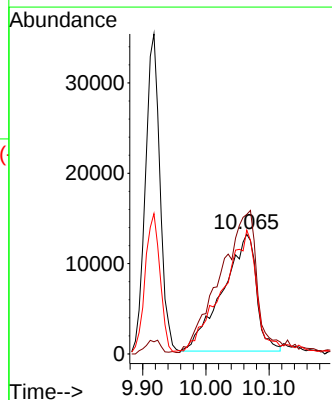
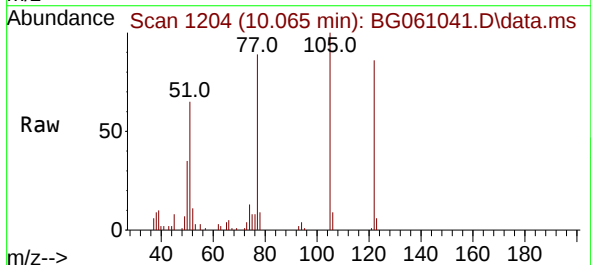
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

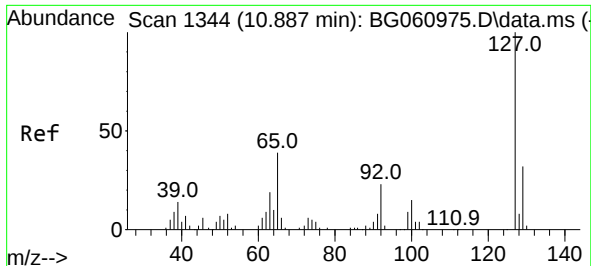
Tgt Ion:128 Resp: 245706
Ion Ratio Lower Upper
128 100
129 10.1 8.2 12.4
127 14.0 11.4 17.2



#32
Benzoic acid
Concen: 37.285 ng
RT: 10.065 min Scan# 1204
Delta R.T. 0.018 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:122 Resp: 48053
Ion Ratio Lower Upper
122 100
105 116.5 106.2 146.2
77 103.4 70.1 110.1

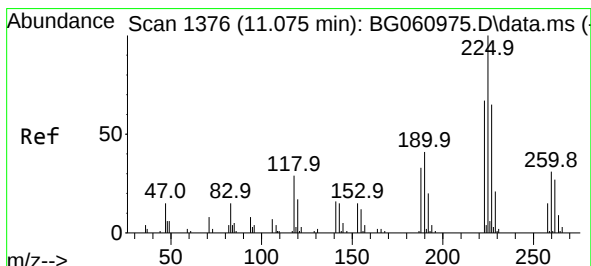
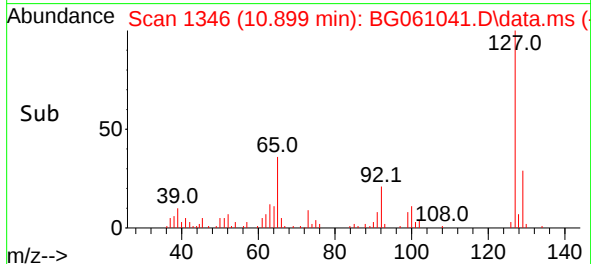
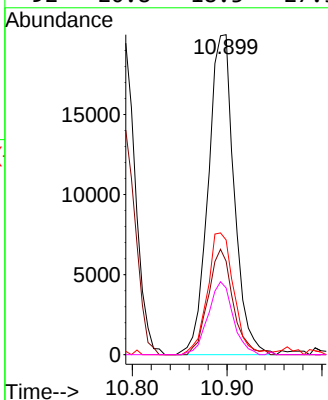
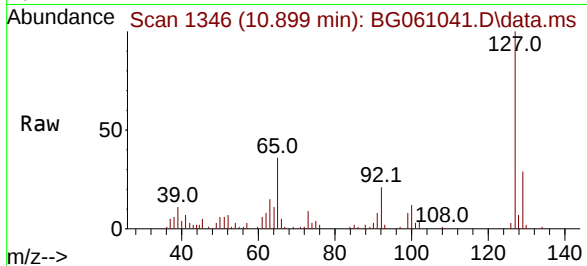




#33
4-Chloroaniline
Concen: 14.581 ng
RT: 10.899 min Scan# 1346
Delta R.T. 0.012 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

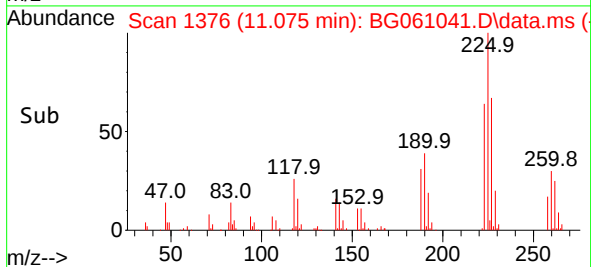
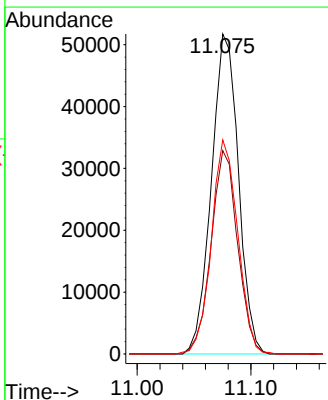
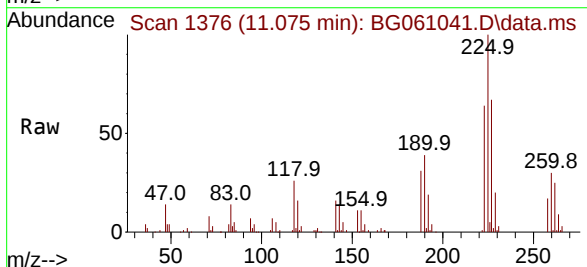
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

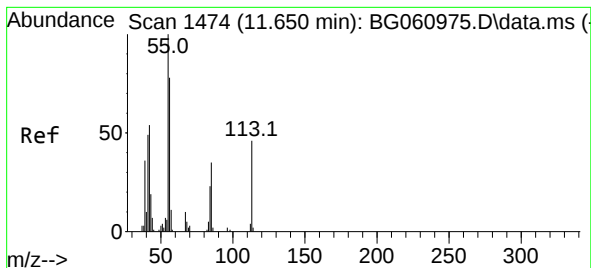
Tgt Ion:127	Resp:	38070
Ion Ratio	Lower	Upper
127	100	
129	29.2	25.7 38.5
65	35.8	31.4 47.0
92	20.8	18.3 27.5



#34
Hexachlorobutadiene
Concen: 45.161 ng
RT: 11.075 min Scan# 1376
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:225	Resp:	85548
Ion Ratio	Lower	Upper
225	100	
223	63.6	53.2 79.8
227	66.9	51.9 77.9





#35

Caprolactam

Concen: 37.376 ng

RT: 11.680 min Scan# 1474

Delta R.T. 0.030 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

Instrument :

BNA_G

ClientSampleId :

RO-RBR200059MSD

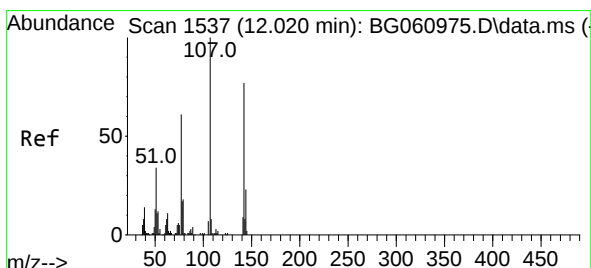
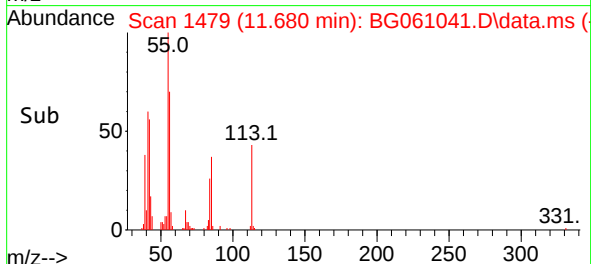
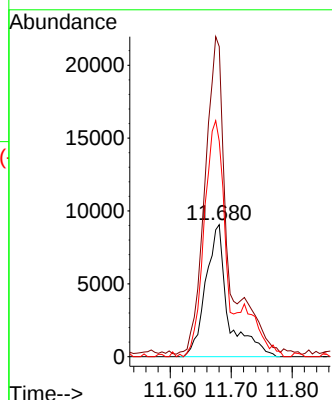
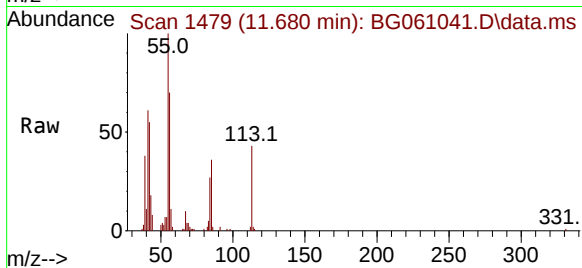
Tgt Ion:113 Resp: 23241

Ion Ratio Lower Upper

113 100

55 234.9 197.9 237.9

56 163.3 151.1 191.1



#36

4-Chloro-3-methylphenol

Concen: 39.386 ng

RT: 12.027 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

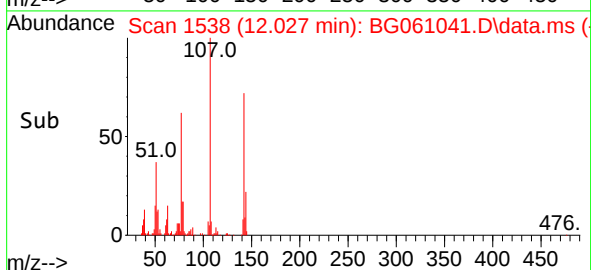
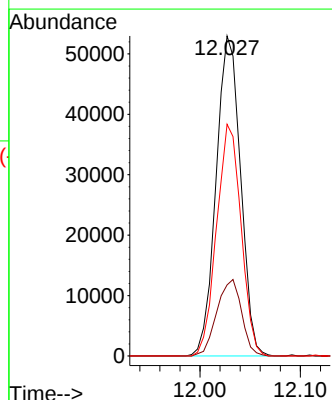
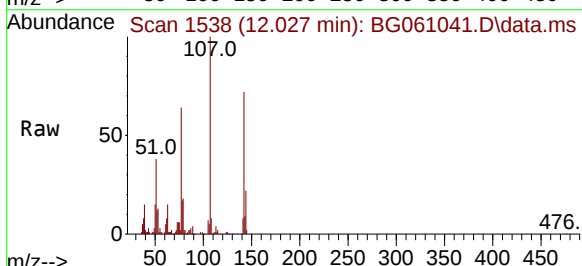
Tgt Ion:107 Resp: 89677

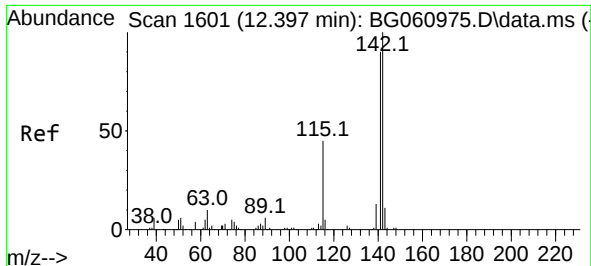
Ion Ratio Lower Upper

107 100

144 22.2 18.5 27.7

142 72.4 61.4 92.0

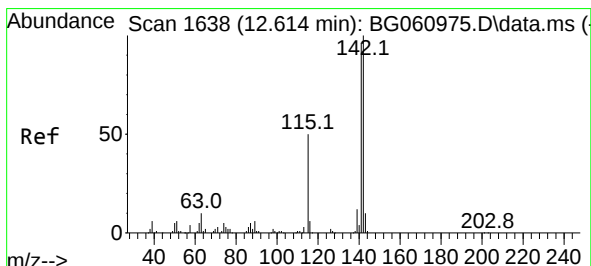
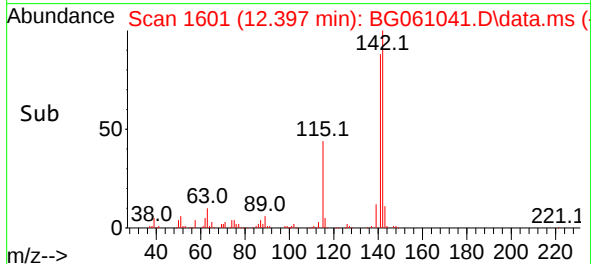
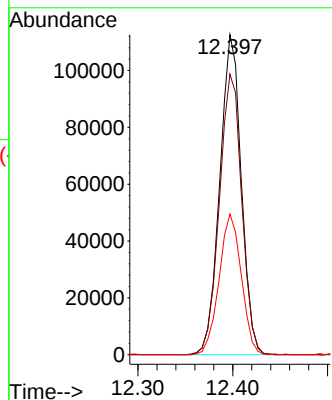
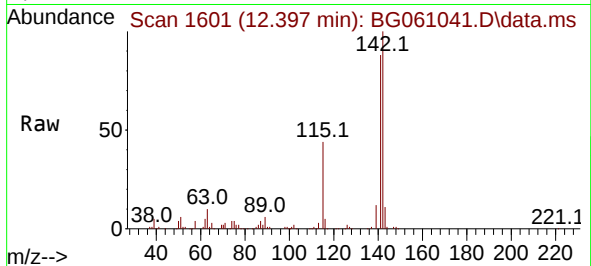




#37
2-Methylnaphthalene
Concen: 39.211 ng
RT: 12.397 min Scan# 1601
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

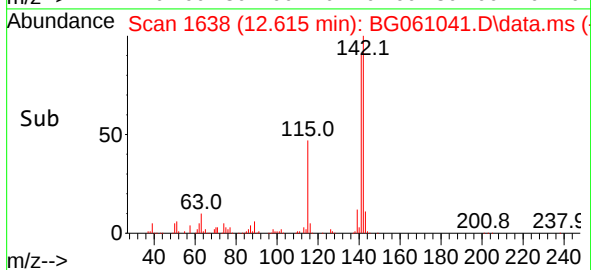
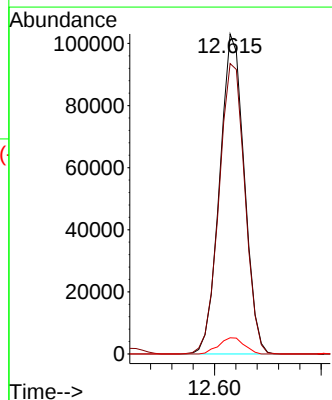
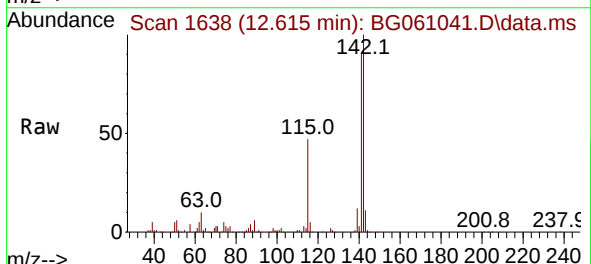
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

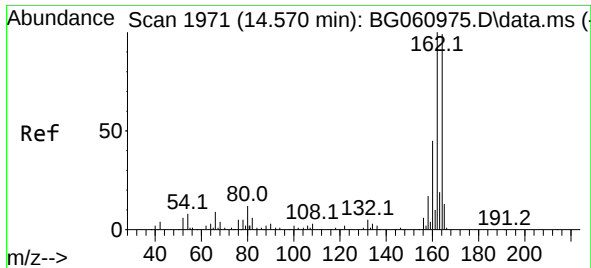
Tgt Ion:142 Resp: 177203
Ion Ratio Lower Upper
142 100
141 87.6 72.2 108.4
115 44.0 35.9 53.9



#38
1-Methylnaphthalene
Concen: 39.154 ng
RT: 12.615 min Scan# 1638
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:142 Resp: 165122
Ion Ratio Lower Upper
142 100
141 90.8 76.8 115.2
116 5.1 4.4 6.6

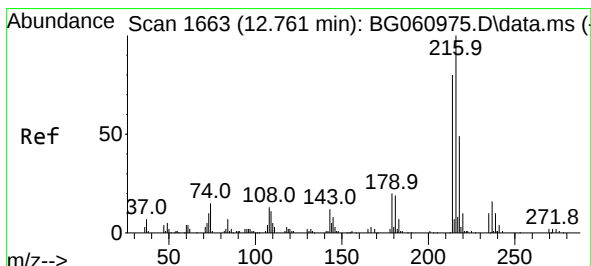
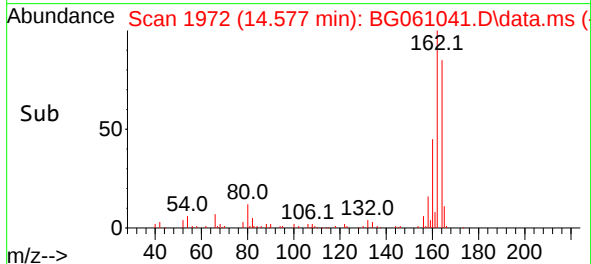
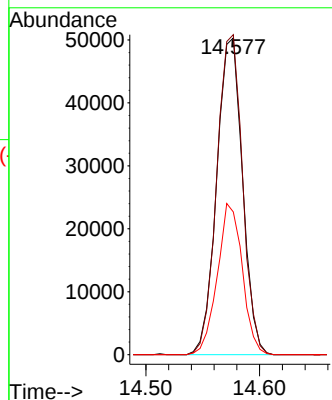
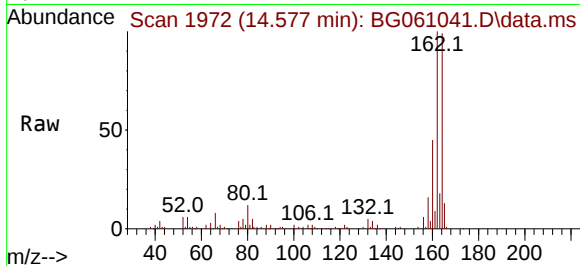




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

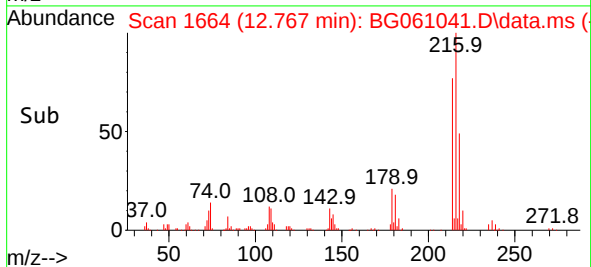
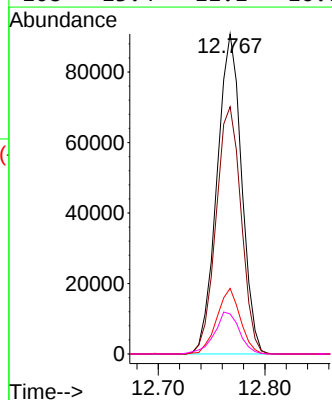
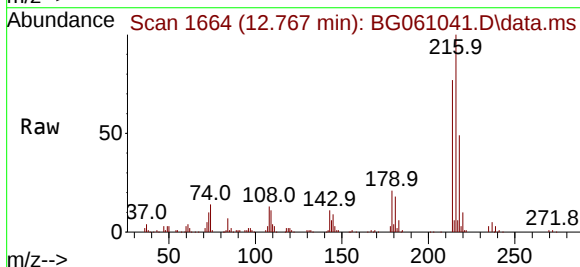
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

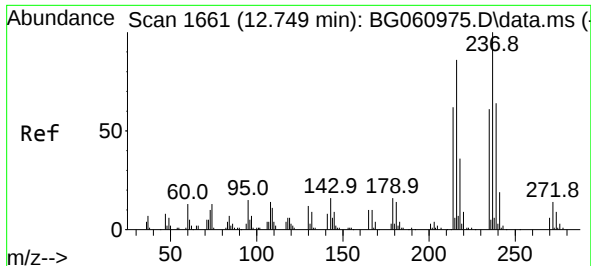
Tgt Ion:164 Resp: 79363
Ion Ratio Lower Upper
164 100
162 101.0 81.2 121.8
160 45.0 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.567 ng
RT: 12.767 min Scan# 1664
Delta R.T. 0.007 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

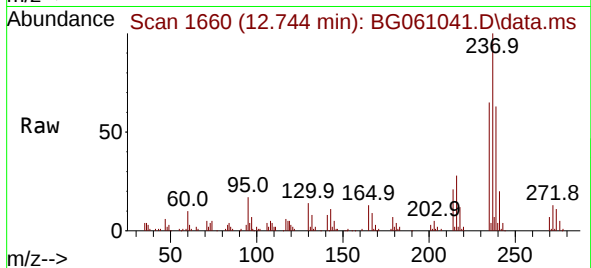
Tgt Ion:216 Resp: 145437
Ion Ratio Lower Upper
216 100
214 78.7 63.3 94.9
179 19.6 15.2 22.8
108 13.4 11.1 16.7



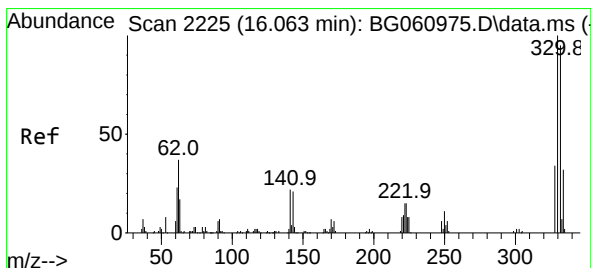
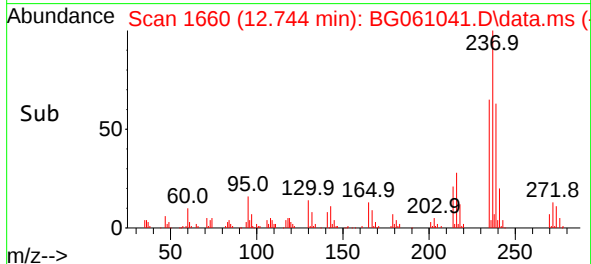
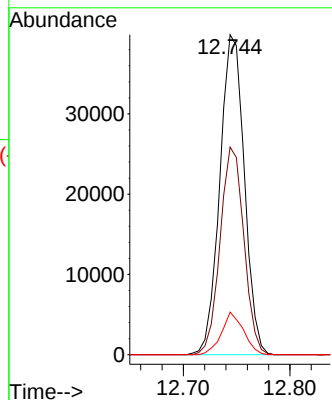


#41
Hexachlorocyclopentadiene
Concen: 38.311 ng
RT: 12.744 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

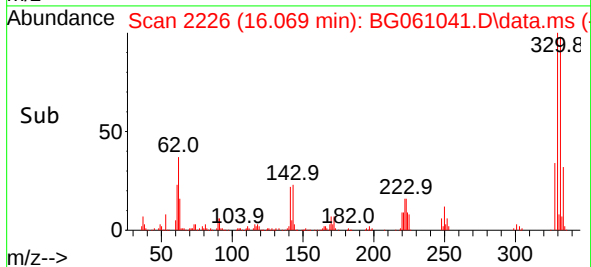
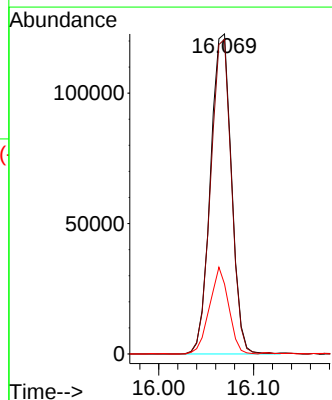
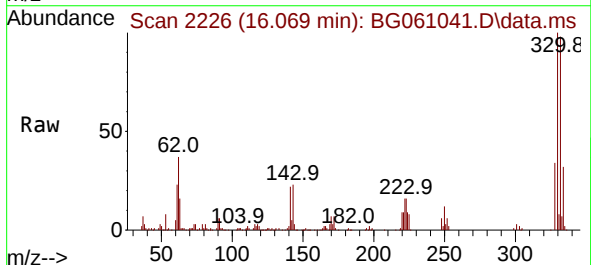


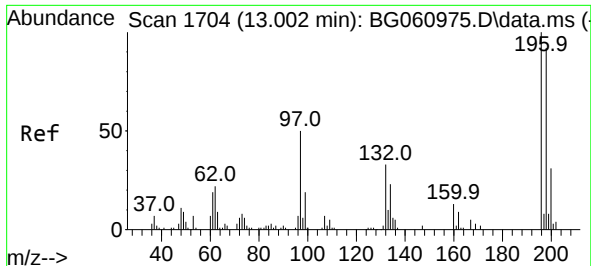
Tgt Ion:237 Resp: 63578
Ion Ratio Lower Upper
237 100
235 64.9 40.7 80.7
272 13.3 0.0 34.5



#42
2,4,6-Tribromophenol
Concen: 108.324 ng
RT: 16.069 min Scan# 2226
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

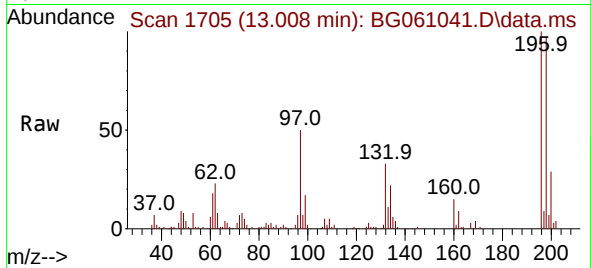
Tgt Ion:330 Resp: 188782
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 24.7 20.6 31.0



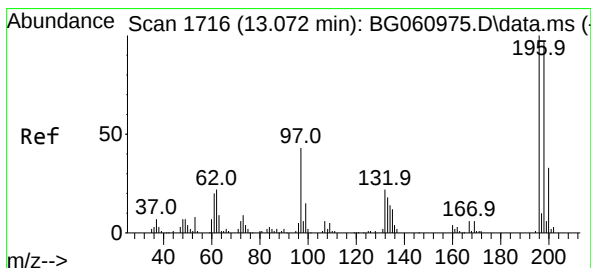
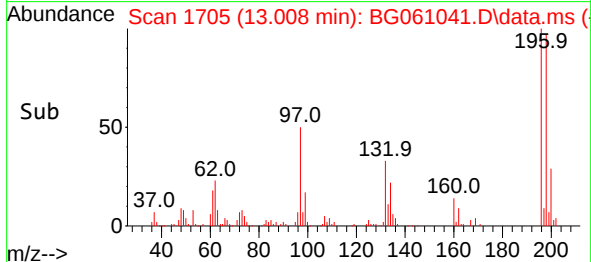
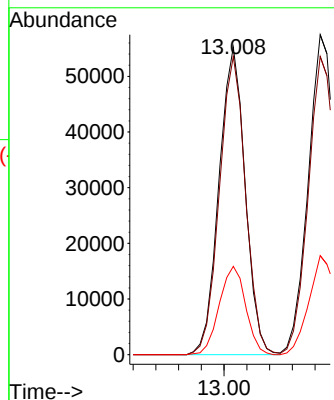


#43
2,4,6-Trichlorophenol
Concen: 47.644 ng
RT: 13.008 min Scan# 1718
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

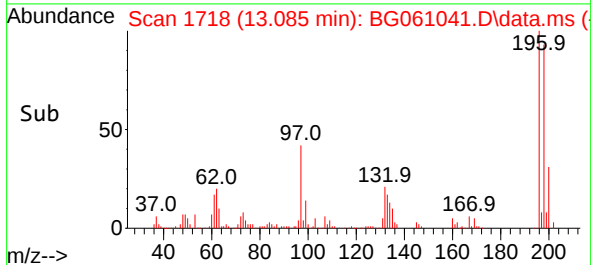
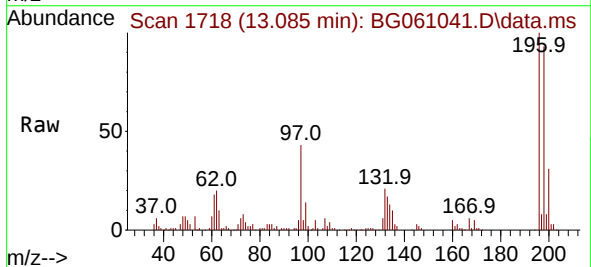
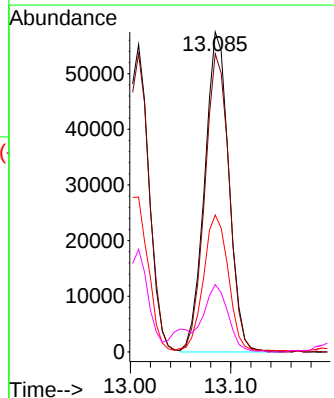


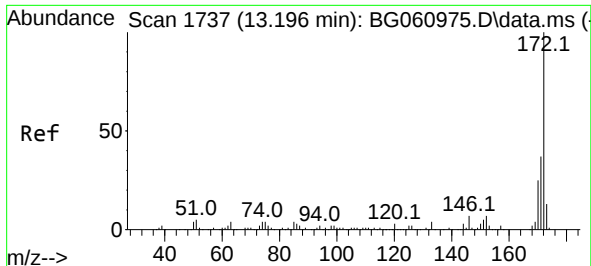
Tgt Ion:196 Resp: 88331
Ion Ratio Lower Upper
196 100
198 96.9 73.5 110.3
200 28.7 24.8 37.2



#44
2,4,5-Trichlorophenol
Concen: 43.984 ng
RT: 13.085 min Scan# 1718
Delta R.T. 0.012 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:196 Resp: 96460
Ion Ratio Lower Upper
196 100
198 93.2 77.7 116.5
97 42.8 34.2 51.4
132 21.0 17.4 26.0

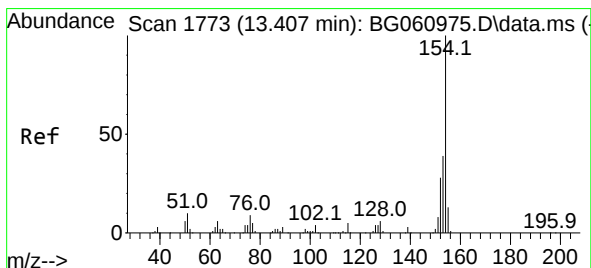
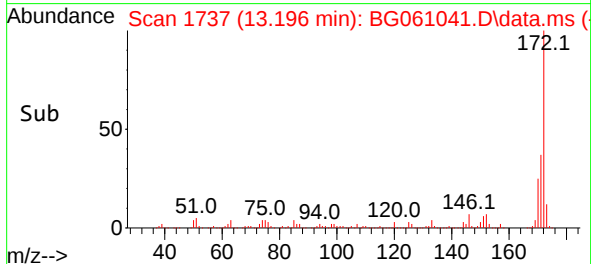
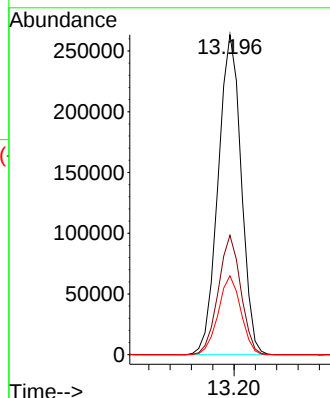
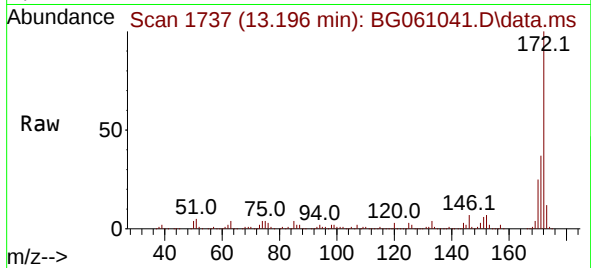




#45
2-Fluorobiphenyl
Concen: 68.874 ng
RT: 13.196 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

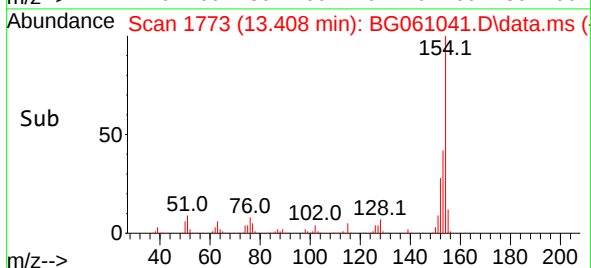
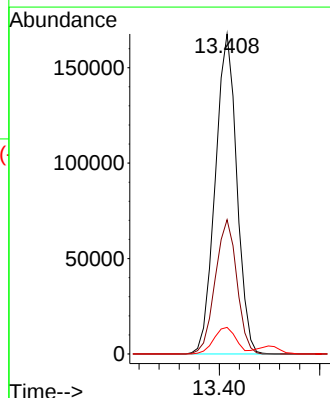
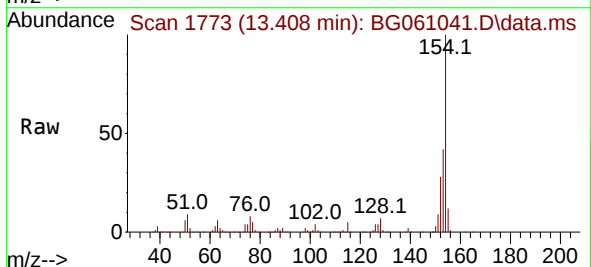
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

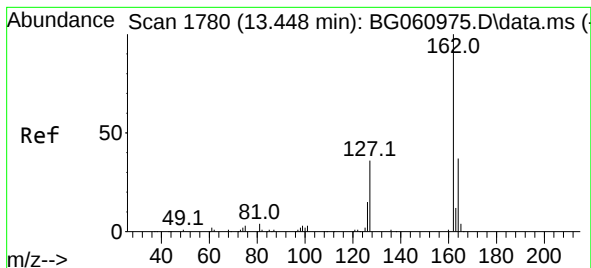
Tgt Ion:172 Resp: 394941
Ion Ratio Lower Upper
172 100
171 37.3 29.3 43.9
170 24.6 20.1 30.1



#46
1,1'-Biphenyl
Concen: 46.669 ng
RT: 13.408 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:154 Resp: 249482
Ion Ratio Lower Upper
154 100
153 42.0 19.4 59.4
76 8.3 0.0 28.6

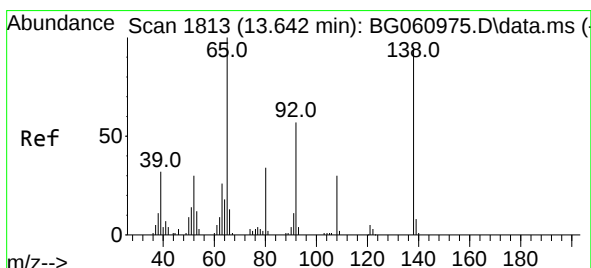
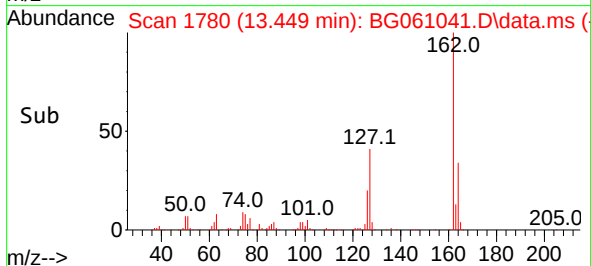
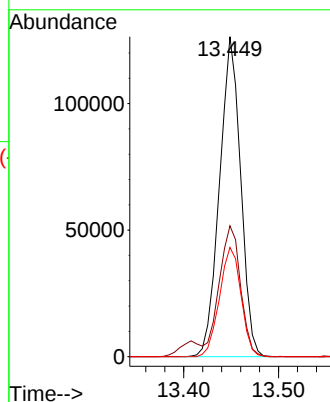
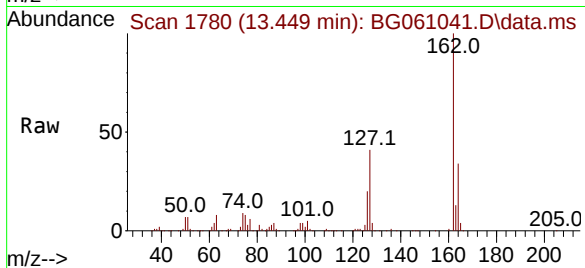




#47
2-Chloronaphthalene
Concen: 47.796 ng
RT: 13.449 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

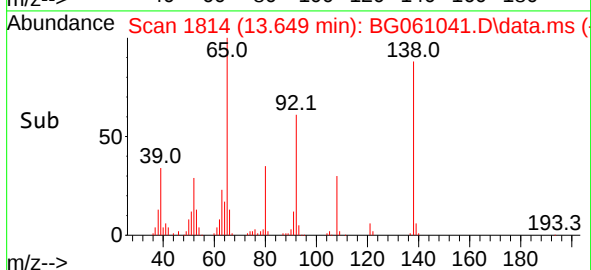
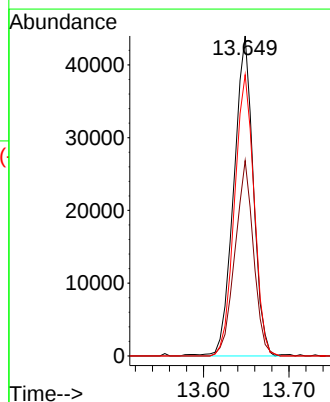
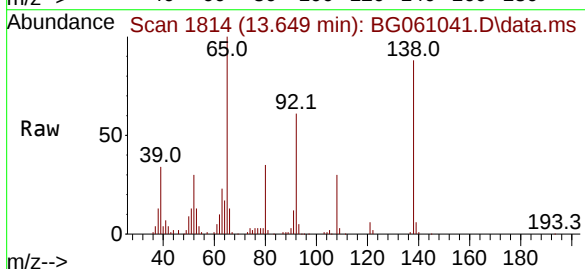
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

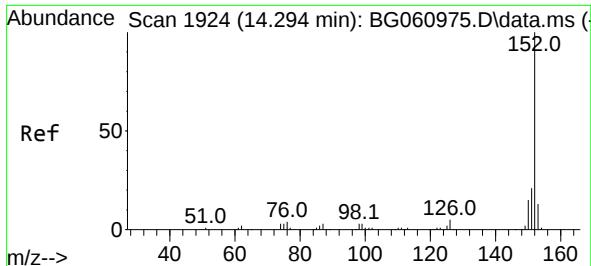
Tgt Ion:162 Resp: 195906
Ion Ratio Lower Upper
162 100
127 40.9 32.6 49.0
164 34.1 29.9 44.9



#48
2-Nitroaniline
Concen: 42.141 ng
RT: 13.649 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion: 65 Resp: 69711
Ion Ratio Lower Upper
65 100
92 61.1 45.4 68.2
138 87.9 75.8 113.6

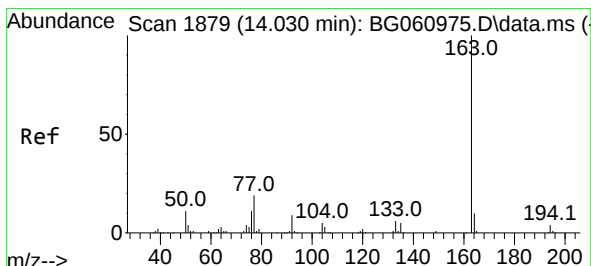
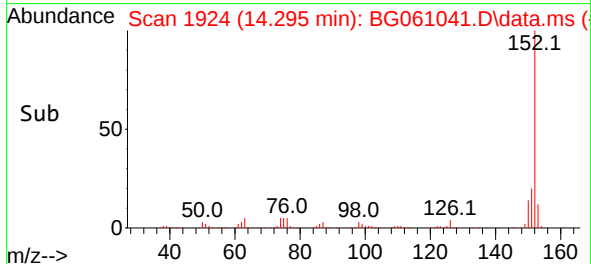
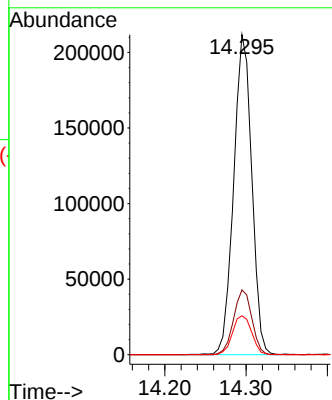
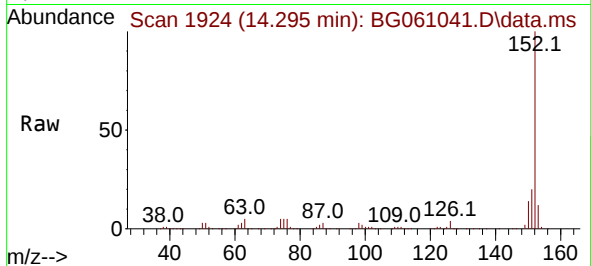




#49
Acenaphthylene
Concen: 47.312 ng
RT: 14.295 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

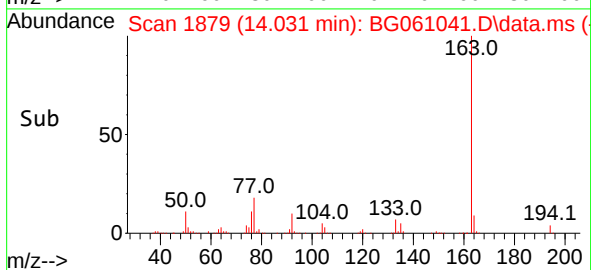
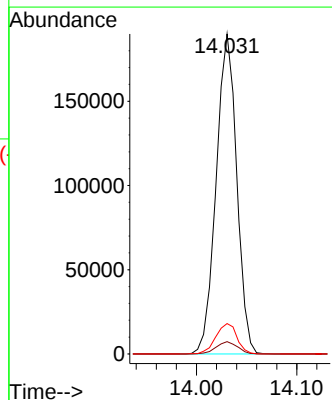
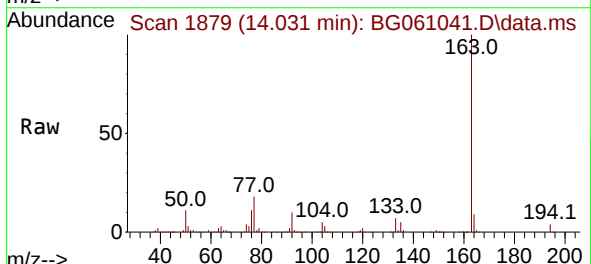
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

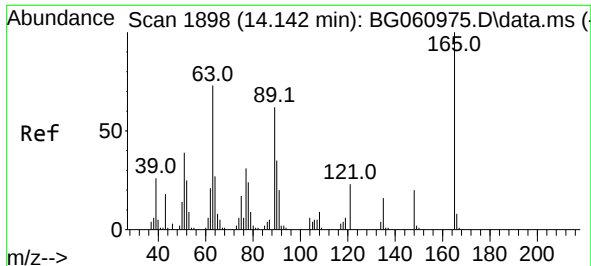
Tgt Ion:152 Resp: 326597
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0
153 12.1 10.7 16.1



#50
Dimethylphthalate
Concen: 41.263 ng
RT: 14.031 min Scan# 1879
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:163 Resp: 270038
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.5 8.4 12.6

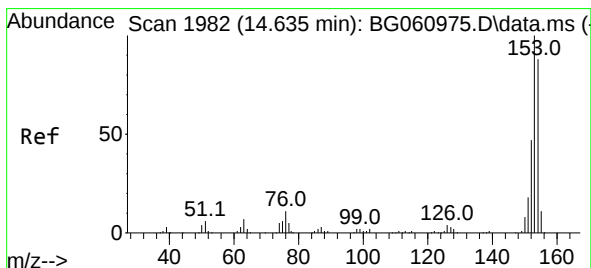
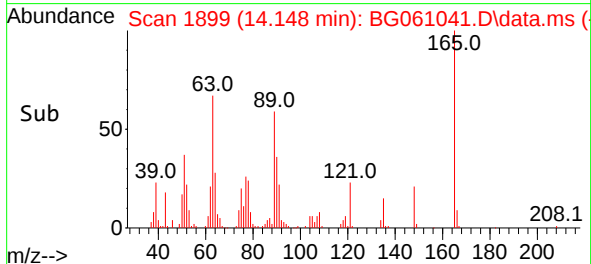
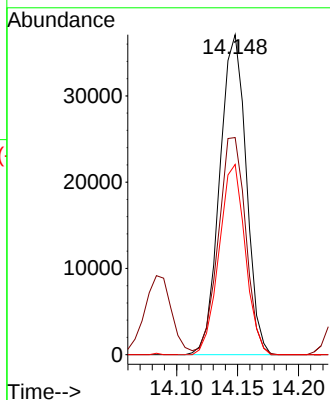
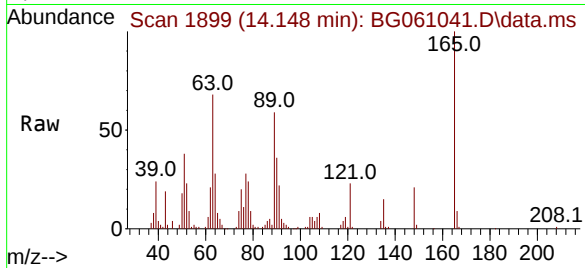




#51
2,6-Dinitrotoluene
Concen: 40.962 ng
RT: 14.148 min Scan# 1898
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

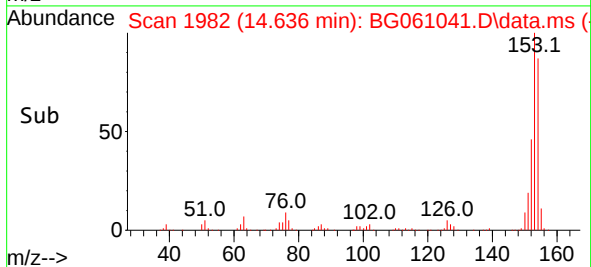
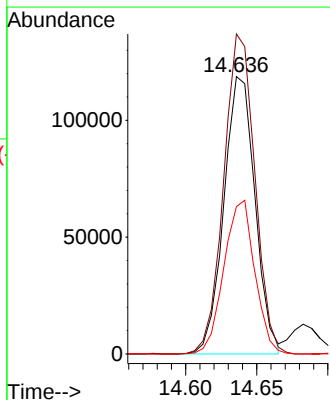
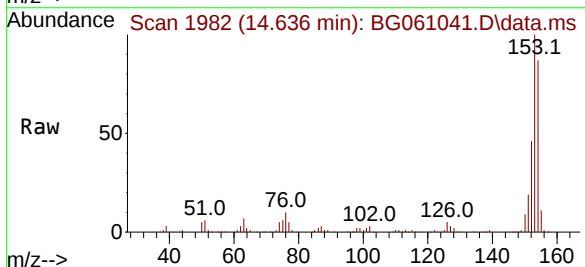
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

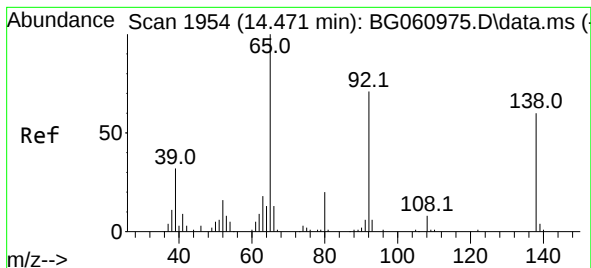
Tgt Ion:165 Resp: 55934
Ion Ratio Lower Upper
165 100
63 67.8 59.6 89.4
89 59.5 49.4 74.0



#52
Acenaphthene
Concen: 43.201 ng
RT: 14.636 min Scan# 1982
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:154 Resp: 181207
Ion Ratio Lower Upper
154 100
153 115.3 91.2 136.8
152 53.1 42.7 64.1

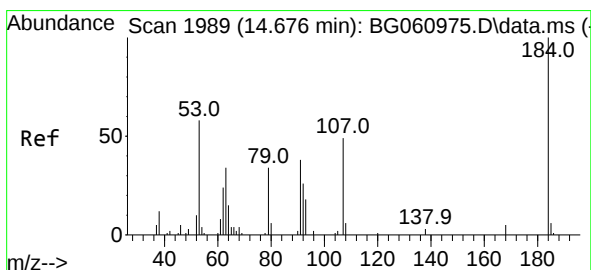
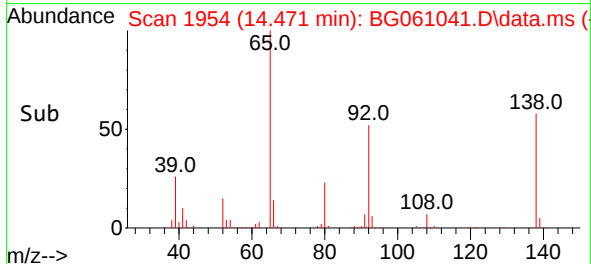
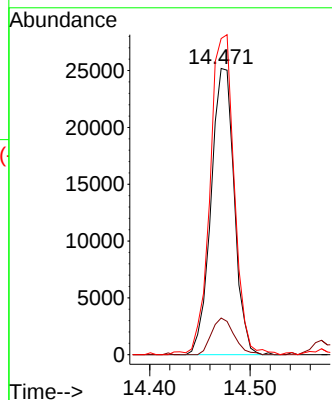
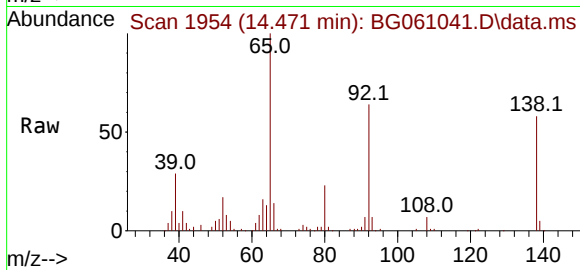




#53
3-Nitroaniline
Concen: 30.065 ng
RT: 14.471 min Scan# 1954
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

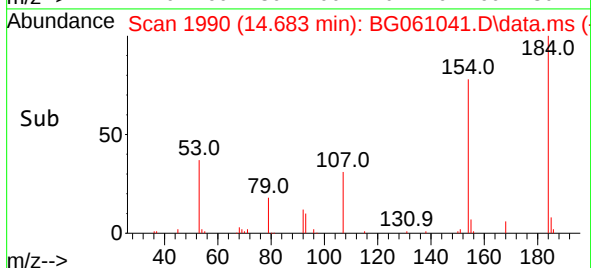
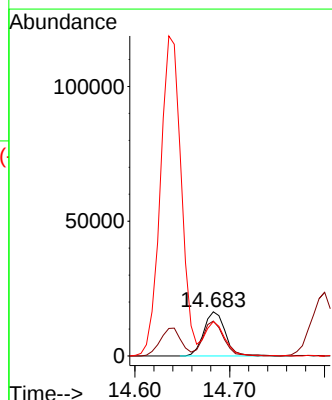
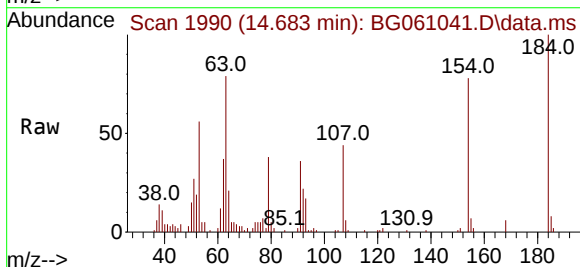
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

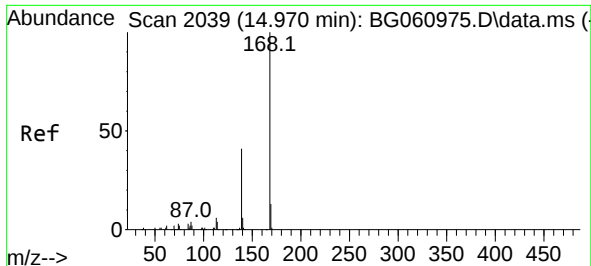
Tgt Ion:138 Resp: 40481
Ion Ratio Lower Upper
138 100
108 12.8 10.1 15.1
92 110.5 94.6 141.8



#54
2,4-Dinitrophenol
Concen: 32.454 ng
RT: 14.683 min Scan# 1990
Delta R.T. 0.007 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

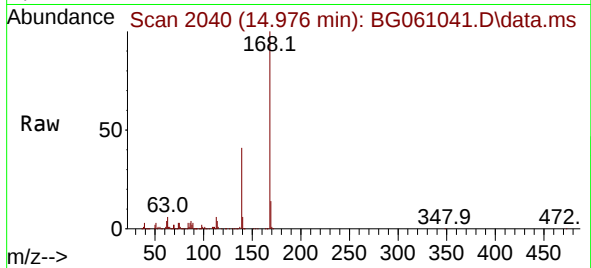
Tgt Ion:184 Resp: 25710
Ion Ratio Lower Upper
184 100
63 79.0 59.0 88.6
154 77.7 61.2 91.8



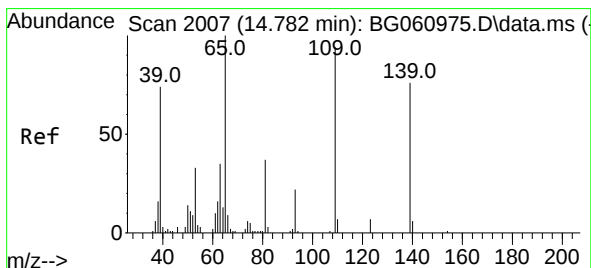
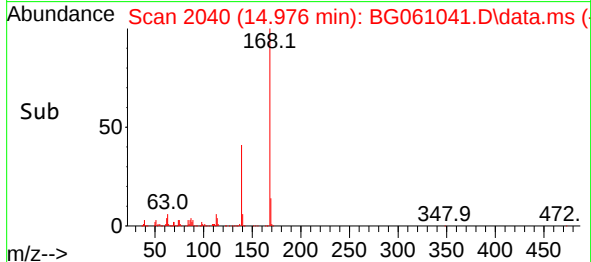
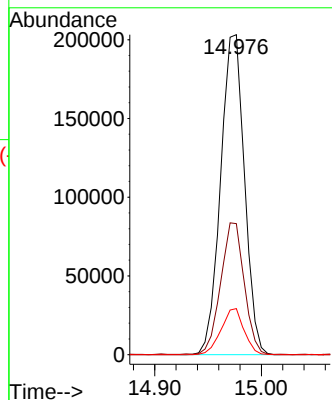


#55
Dibenzenofuran
Concen: 43.618 ng
RT: 14.976 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

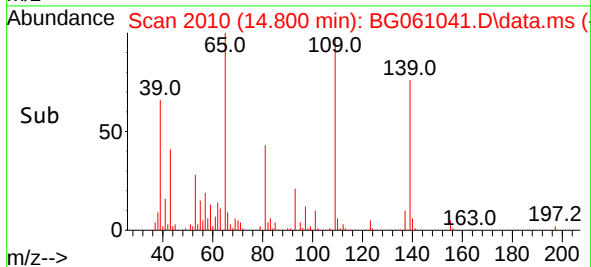
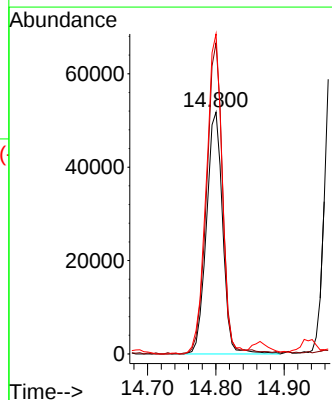
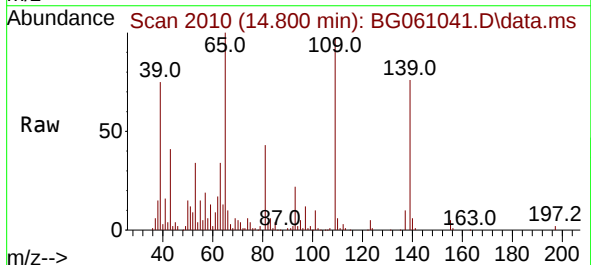


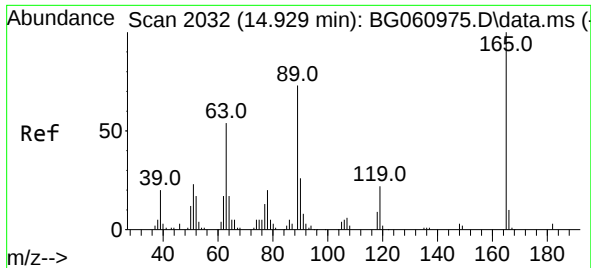
Tgt Ion:168 Resp: 315928
Ion Ratio Lower Upper
168 100
139 41.0 32.4 48.6
169 14.4 10.6 15.8



#56
4-Nitrophenol
Concen: 88.763 ng
RT: 14.800 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:139 Resp: 85624
Ion Ratio Lower Upper
139 100
109 128.7 104.1 144.1
65 132.3 112.0 152.0

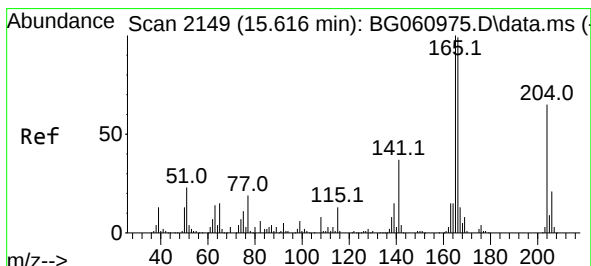
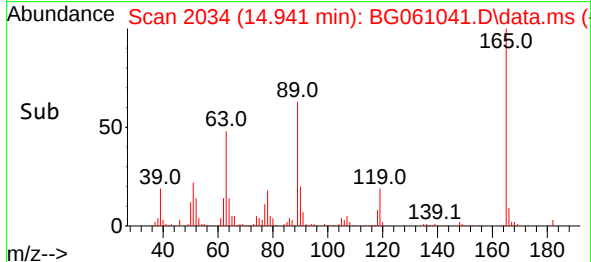
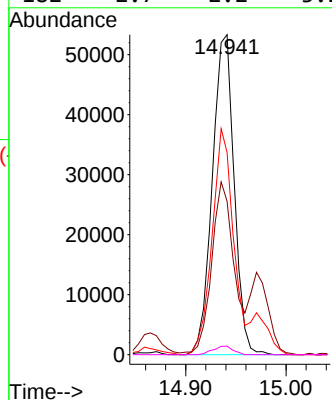
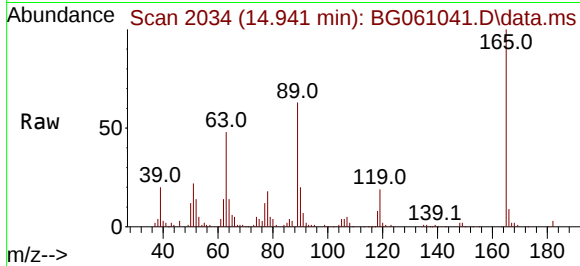




#57
2,4-Dinitrotoluene
Concen: 40.980 ng
RT: 14.941 min Scan# 2034
Delta R.T. 0.012 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

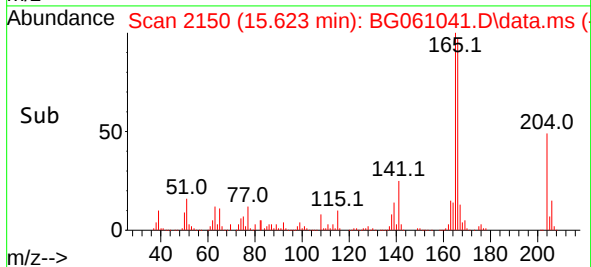
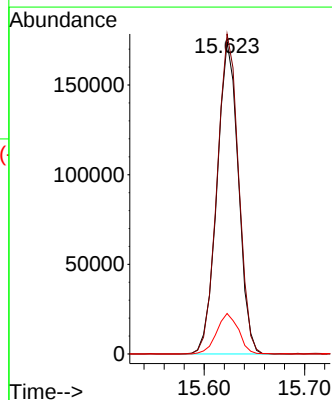
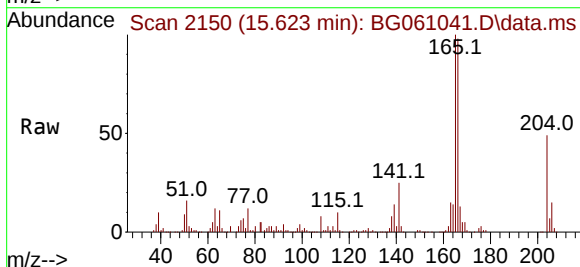
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

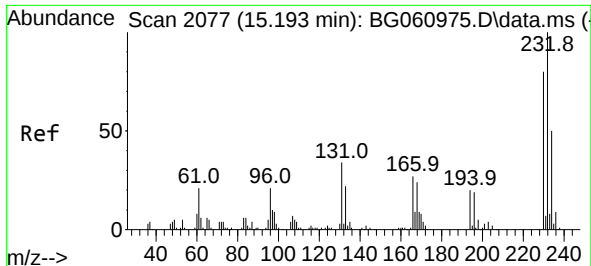
Tgt Ion:165	Resp:	80595
Ion Ratio	Lower	Upper
165	100	
63	48.0	43.4 65.2
89	63.2	58.4 87.6
182	2.7	2.2 3.2



#58
Fluorene
Concen: 42.061 ng
RT: 15.623 min Scan# 2150
Delta R.T. 0.007 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:166	Resp:	257140
Ion Ratio	Lower	Upper
166	100	
165	102.5	80.9 121.3
167	13.0	10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.850 ng

RT: 15.200 min Scan# 2077

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

Instrument :

BNA_G

ClientSampleId :

RO-RBR200059MSD

Tgt Ion:232 Resp: 97058

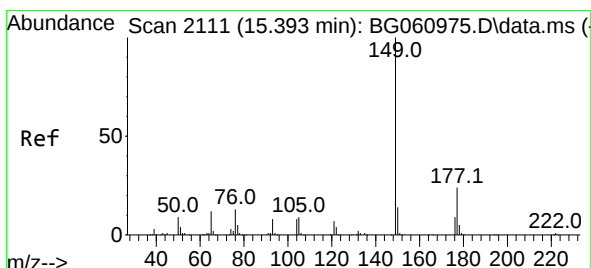
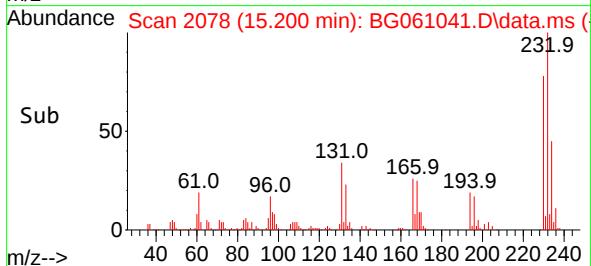
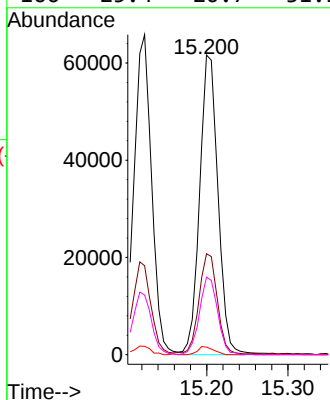
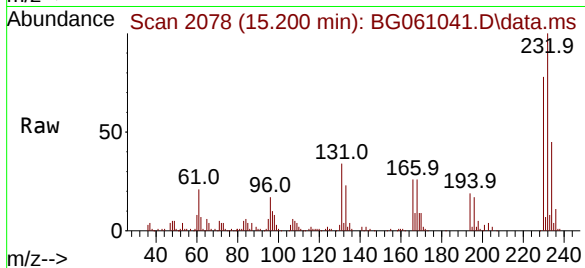
Ion Ratio Lower Upper

232 100

131 33.1 27.4 41.0

130 2.3 1.5 2.3#

166 25.4 20.7 31.1



#60

Diethylphthalate

Concen: 40.384 ng

RT: 15.400 min Scan# 2112

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

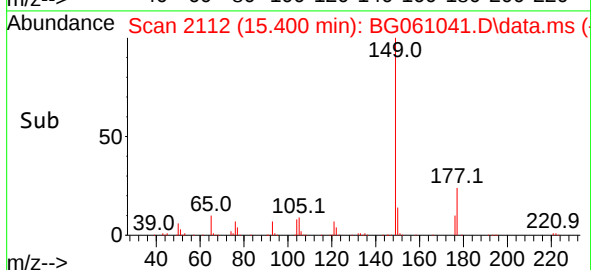
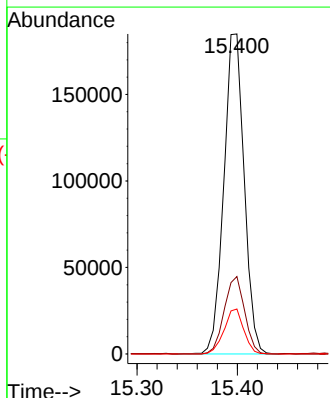
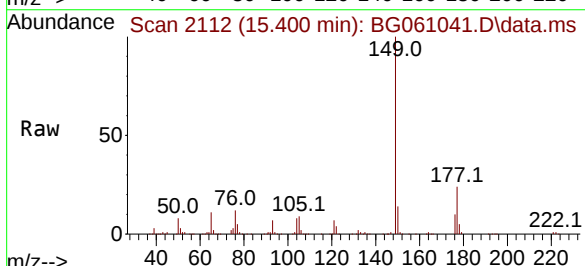
Tgt Ion:149 Resp: 260271

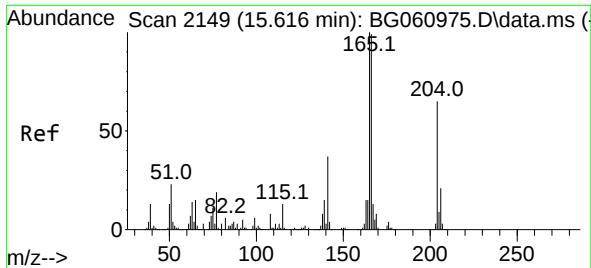
Ion Ratio Lower Upper

149 100

177 24.2 18.8 28.2

150 14.1 11.2 16.8

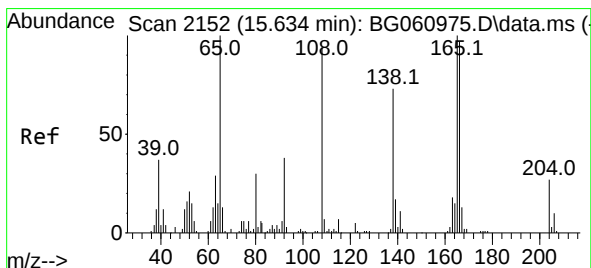
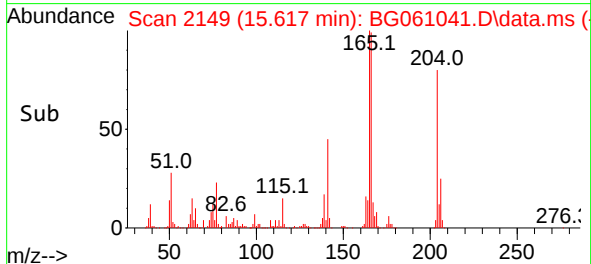
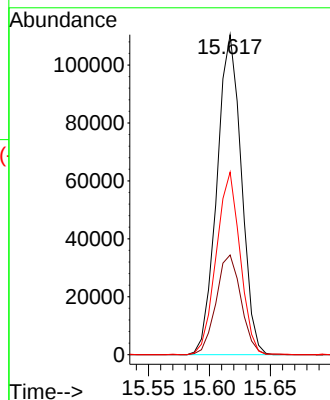
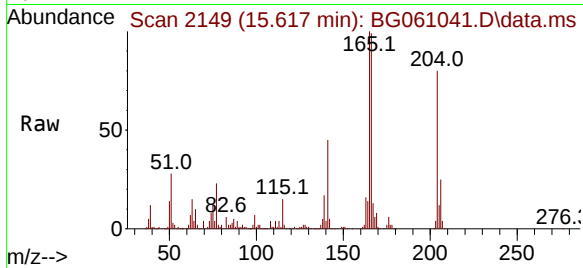




#61
4-Chlorophenyl-phenylether
Concen: 40.897 ng
RT: 15.617 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

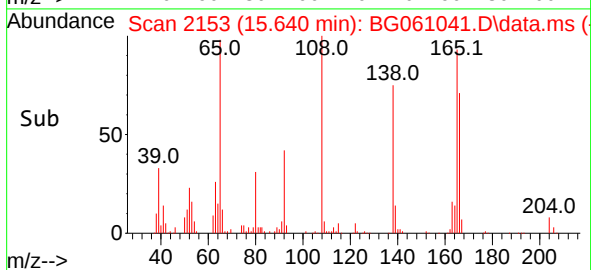
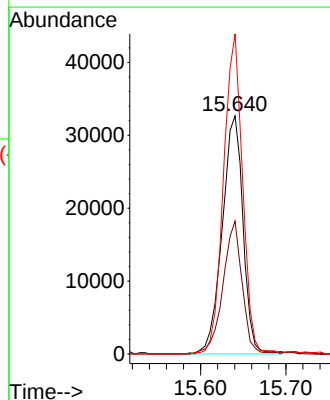
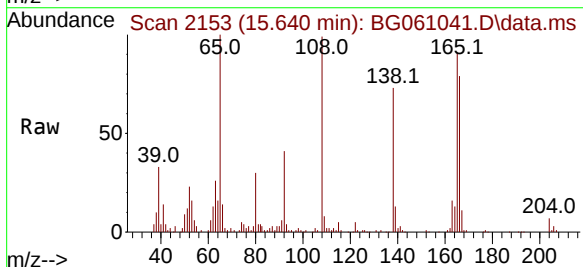
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

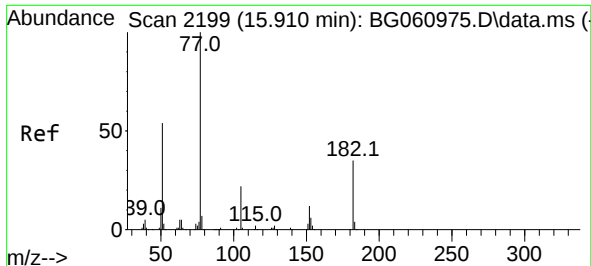
Tgt Ion:204 Resp: 154200
Ion Ratio Lower Upper
204 100
206 31.2 25.6 38.4
141 57.0 45.4 68.0



#62
4-Nitroaniline
Concen: 38.164 ng
RT: 15.640 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:138 Resp: 55409
Ion Ratio Lower Upper
138 100
92 55.8 32.2 72.2
108 134.4 109.0 149.0

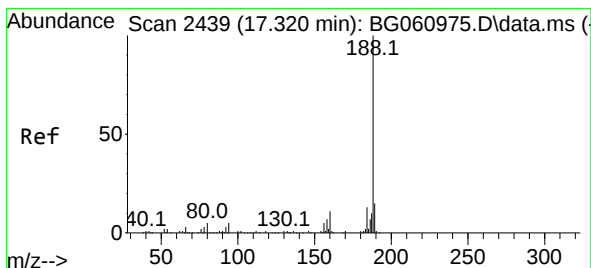
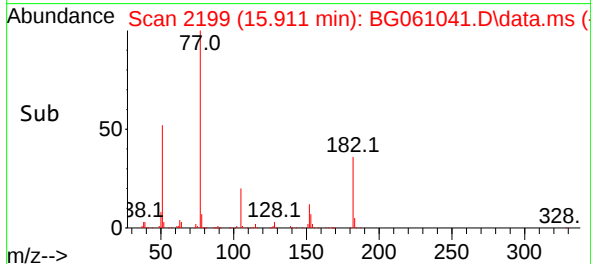
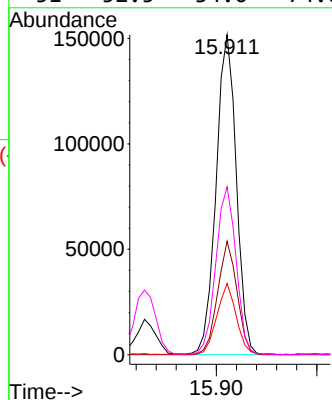
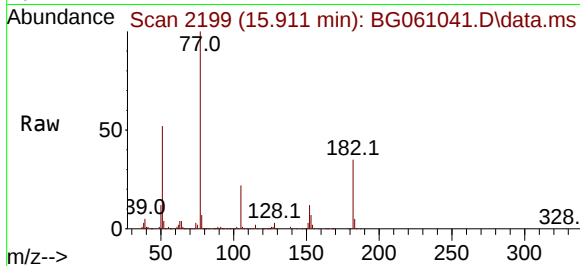




#63
Azobenzene
Concen: 40.493 ng
RT: 15.911 min Scan# 2199
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

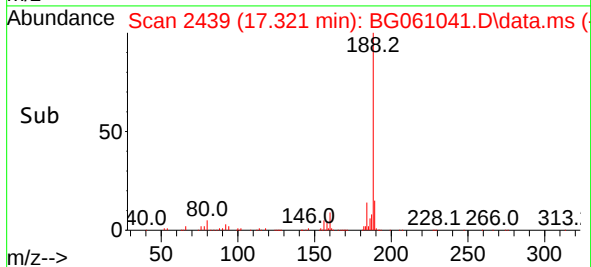
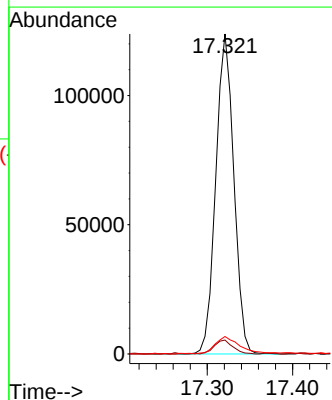
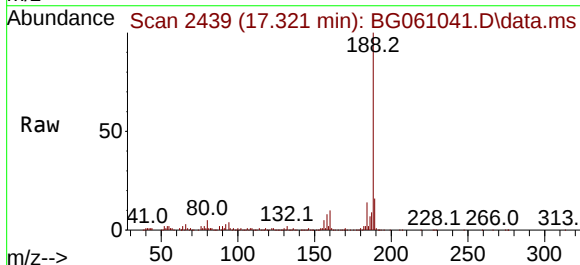
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

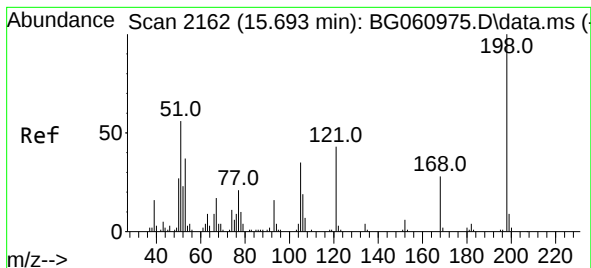
Tgt Ion: 77	Resp: 212269
Ion Ratio	Lower Upper
77 100	
182 35.5	14.5 54.5
105 22.2	1.9 41.9
51 52.5	34.0 74.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:188	Resp: 181870
Ion Ratio	Lower Upper
188 100	
94 4.3	4.1 6.1
80 5.5	4.0 6.0

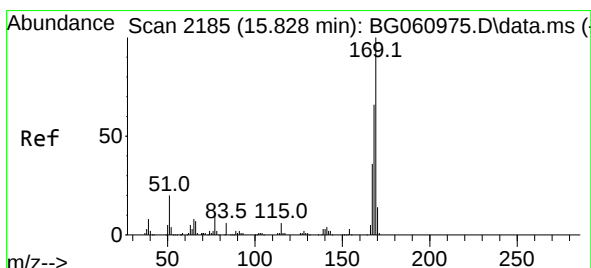
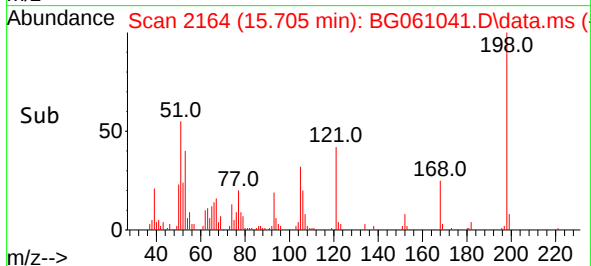
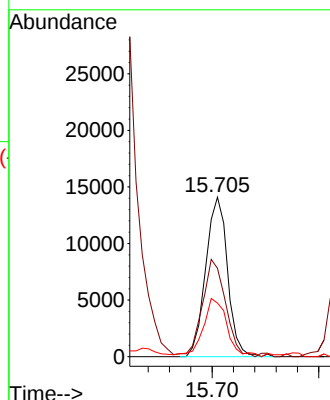
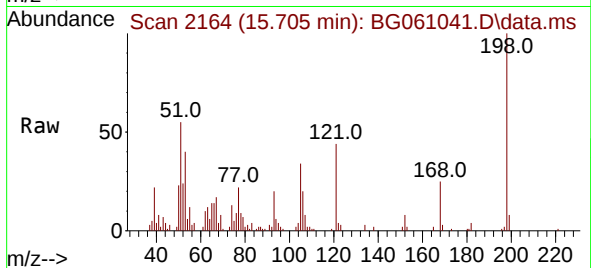




#65
4,6-Dinitro-2-methylphenol
Concen: 17.862 ng
RT: 15.705 min Scan# 2164
Delta R.T. 0.012 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

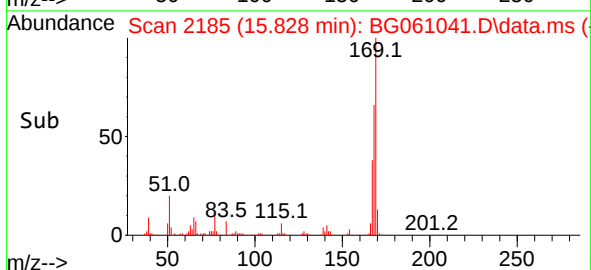
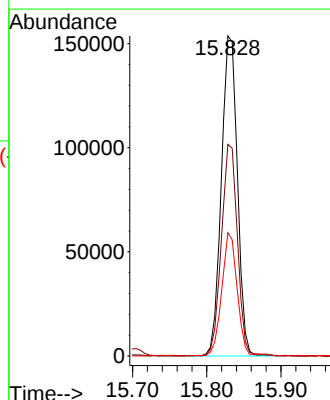
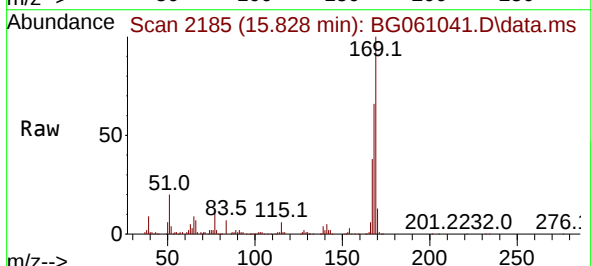
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

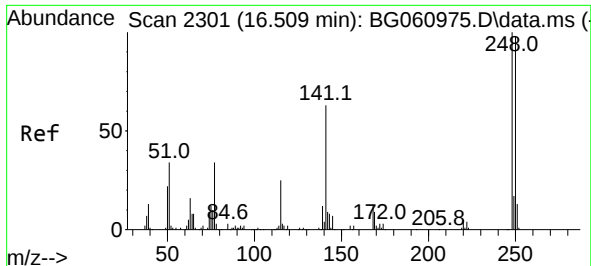
Tgt Ion:198 Resp: 20059
Ion Ratio Lower Upper
198 100
51 55.4 38.6 78.6
105 33.6 14.5 54.5



#66
n-Nitrosodiphenylamine
Concen: 46.027 ng
RT: 15.828 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:169 Resp: 230622
Ion Ratio Lower Upper
169 100
168 66.1 52.5 78.7
167 38.5 28.8 43.2

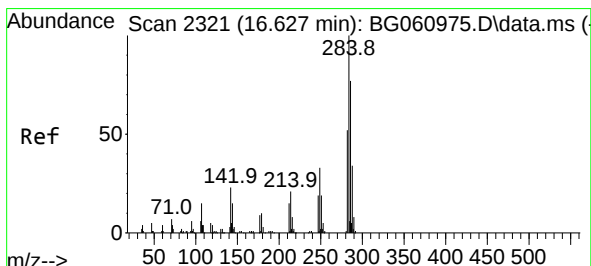
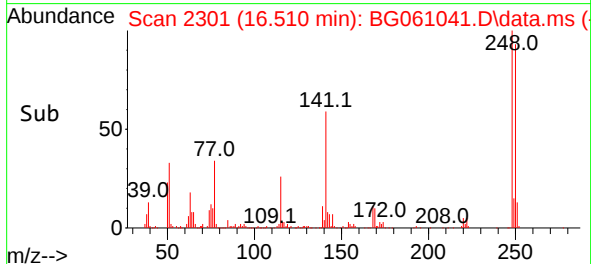
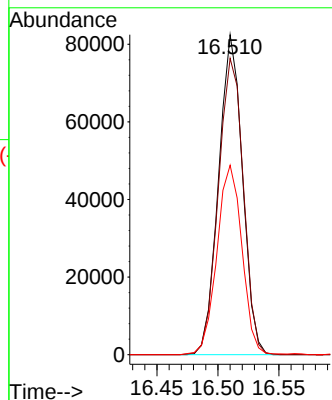
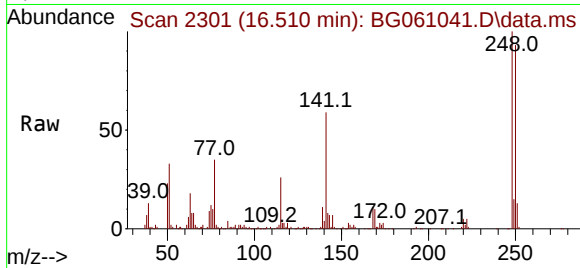




#67
4-Bromophenyl-phenylether
Concen: 46.901 ng
RT: 16.510 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

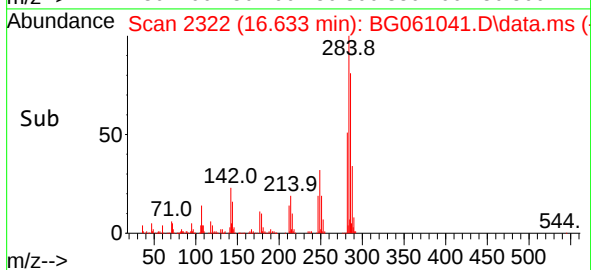
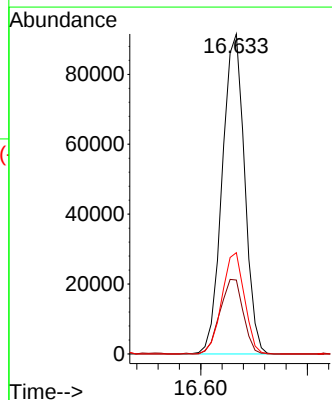
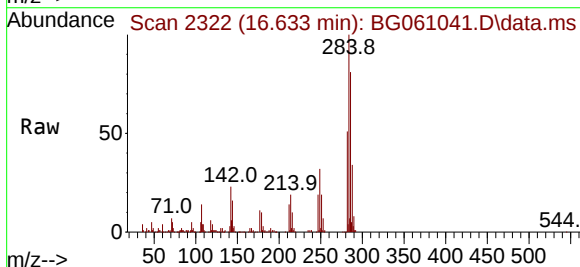
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

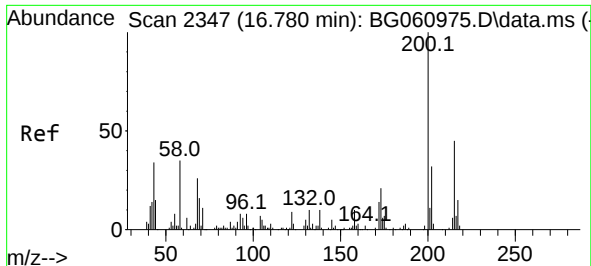
Tgt Ion:248 Resp: 112574
Ion Ratio Lower Upper
248 100
250 92.6 78.7 118.1
141 59.2 50.4 75.6



#68
Hexachlorobenzene
Concen: 50.234 ng
RT: 16.633 min Scan# 2322
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:284 Resp: 133182
Ion Ratio Lower Upper
284 100
142 23.1 18.7 28.1
249 31.6 26.4 39.6

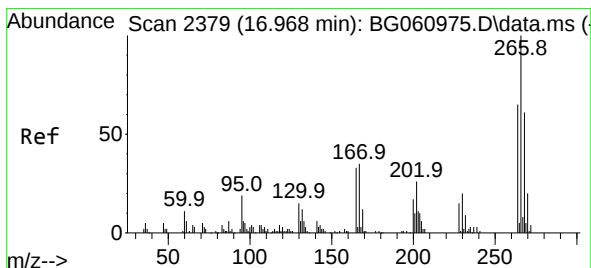
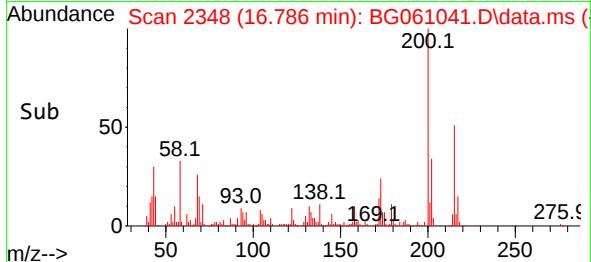
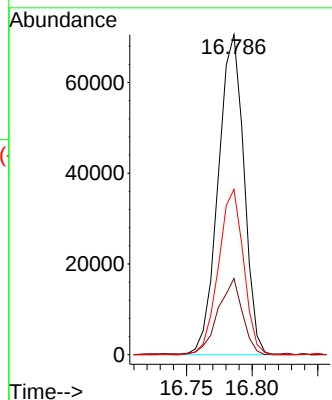
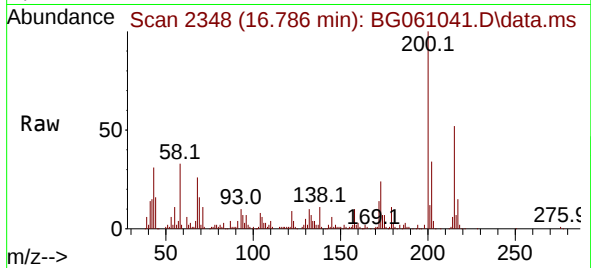




#69
 Atrazine
 Concen: 51.275 ng
 RT: 16.786 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: BG061041.D
 Acq: 25 Apr 2024 17:21

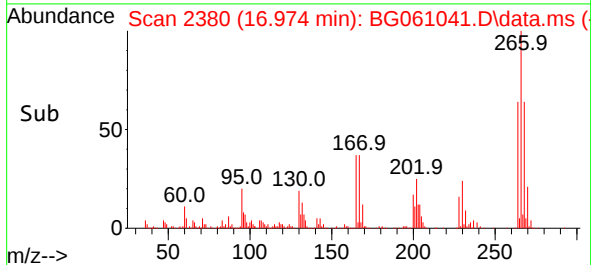
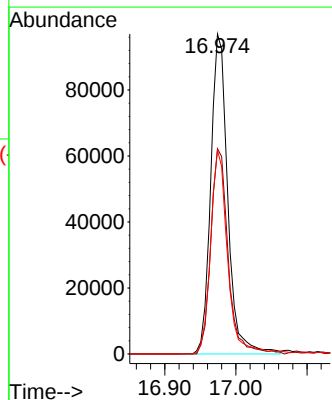
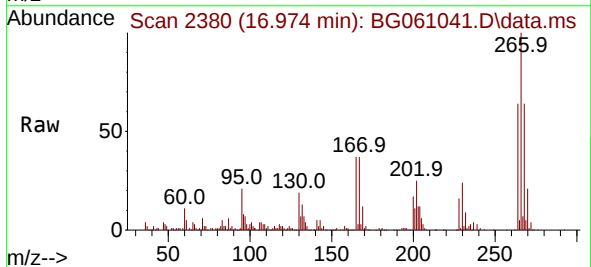
Instrument :
 BNA_G
 ClientSampleId :
 RO-RBR200059MSD

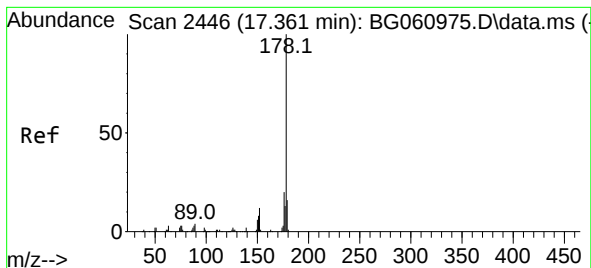
Tgt Ion:200 Resp: 96156
 Ion Ratio Lower Upper
 200 100
 173 23.8 1.4 41.4
 215 51.6 25.3 65.3



#70
 Pentachlorophenol
 Concen: 92.725 ng
 RT: 16.974 min Scan# 2380
 Delta R.T. 0.006 min
 Lab File: BG061041.D
 Acq: 25 Apr 2024 17:21

Tgt Ion:266 Resp: 161201
 Ion Ratio Lower Upper
 266 100
 268 64.2 49.1 73.7
 264 63.7 52.2 78.2

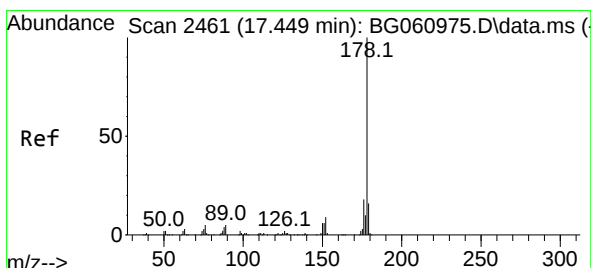
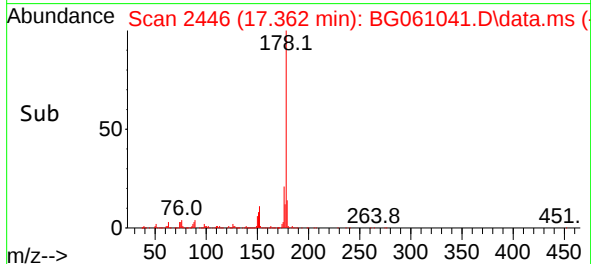
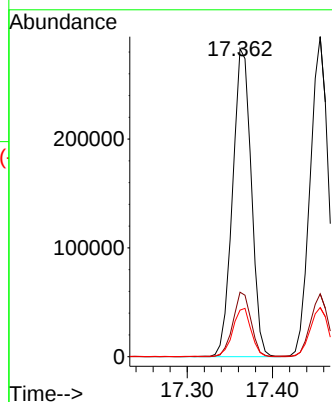
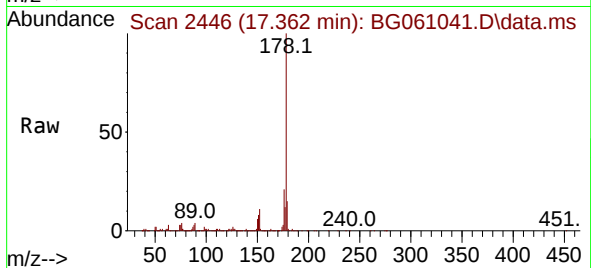




#71
Phenanthrene
Concen: 46.388 ng
RT: 17.362 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

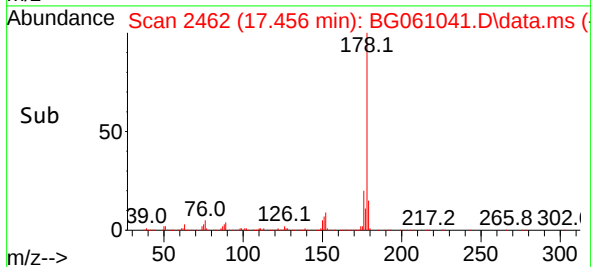
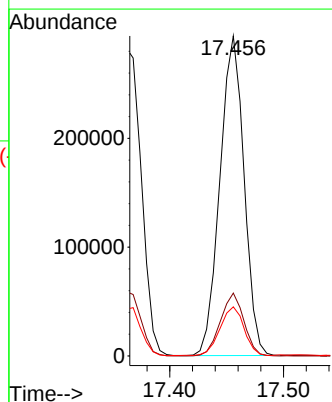
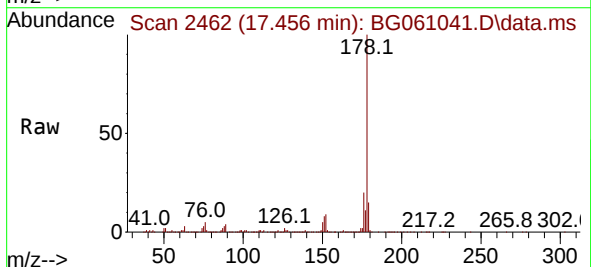
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

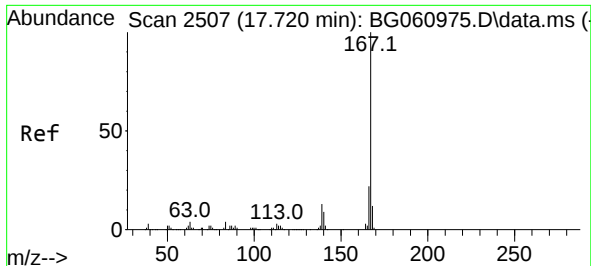
Tgt Ion:178 Resp: 430628
Ion Ratio Lower Upper
178 100
176 20.9 16.0 24.0
179 15.1 12.5 18.7



#72
Anthracene
Concen: 45.343 ng
RT: 17.456 min Scan# 2462
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:178 Resp: 433524
Ion Ratio Lower Upper
178 100
176 19.7 14.7 22.1
179 15.3 12.4 18.6

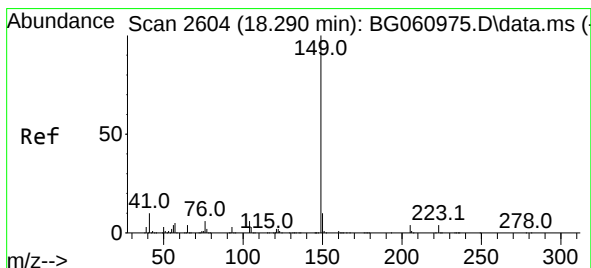
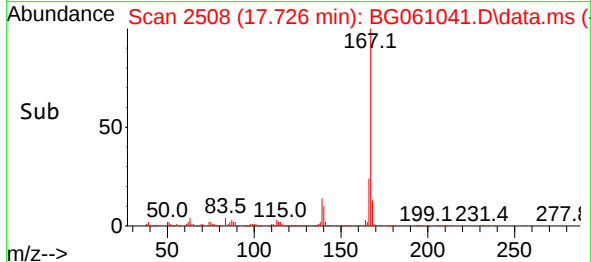
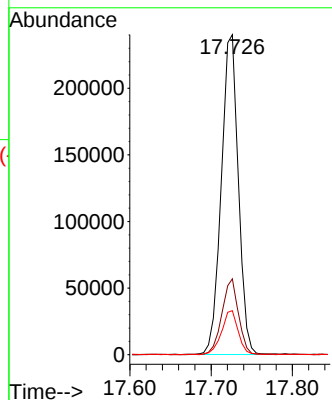
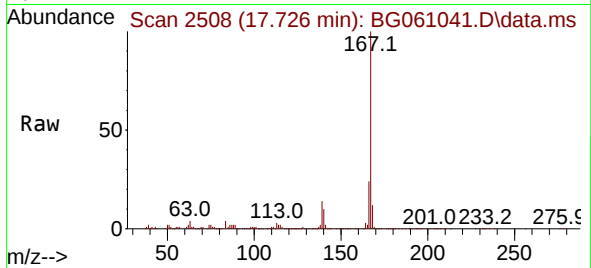




#73
Carbazole
Concen: 44.182 ng
RT: 17.726 min Scan# 2507
Delta R.T. 0.006 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

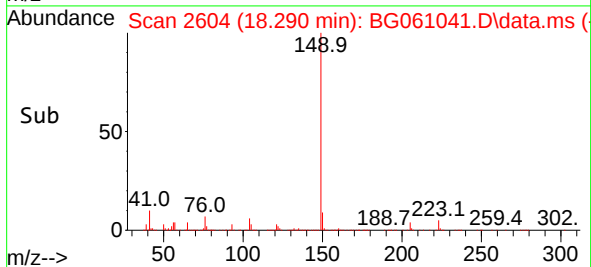
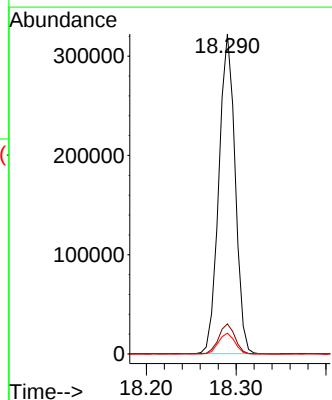
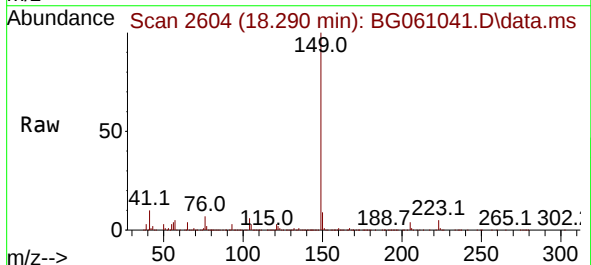
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

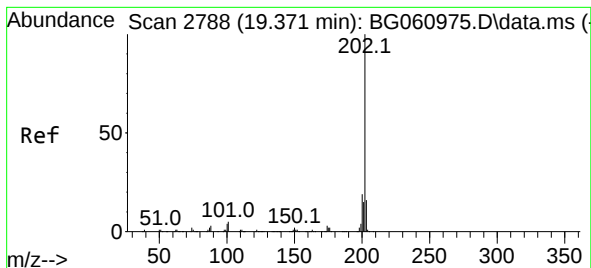
Tgt Ion:167 Resp: 350826
Ion Ratio Lower Upper
167 100
166 23.7 17.8 26.8
139 13.8 10.2 15.2



#74
Di-n-butylphthalate
Concen: 41.981 ng
RT: 18.290 min Scan# 2604
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:149 Resp: 404711
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 6.5 5.0 7.6





#75

Fluoranthene

Concen: 49.711 ng

RT: 19.377 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

Instrument :

BNA_G

ClientSampleId :

RO-RBR200059MSD

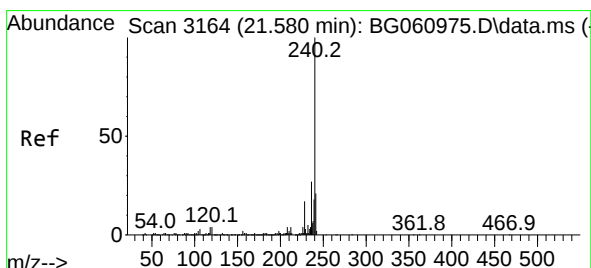
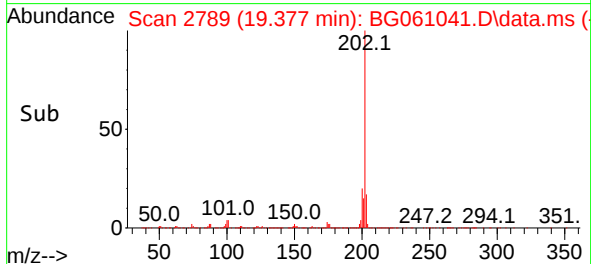
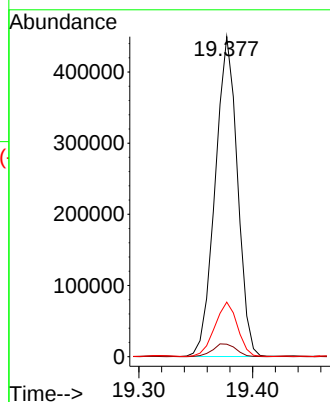
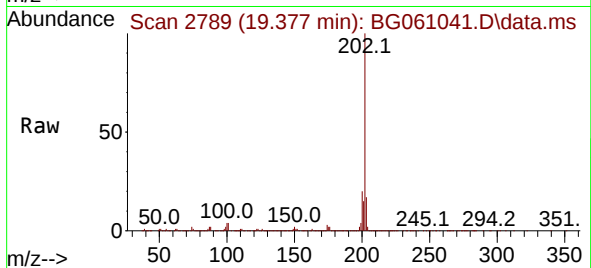
Tgt Ion:202 Resp: 612442

Ion Ratio Lower Upper

202 100

101 3.9 0.0 24.9

203 17.0 0.0 36.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3165

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

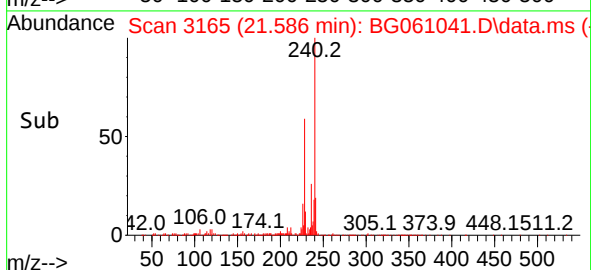
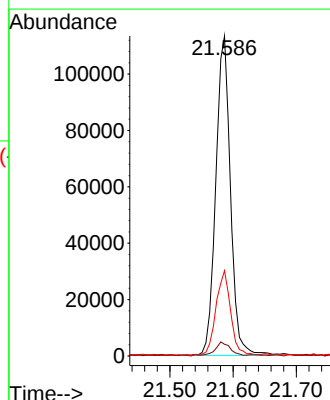
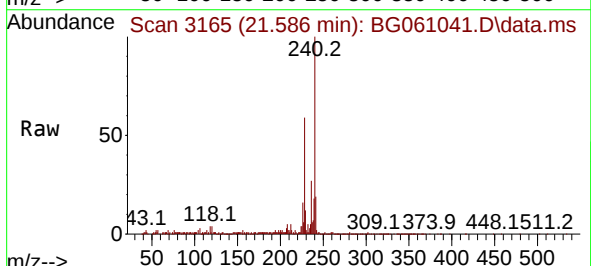
Tgt Ion:240 Resp: 183305

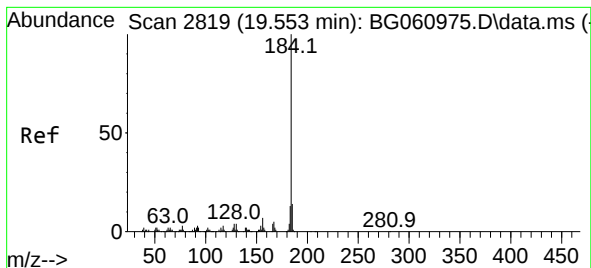
Ion Ratio Lower Upper

240 100

120 3.7 3.0 4.6

236 26.6 21.8 32.6





#77

Benzidine

Concen: 64.884 ng

RT: 19.553 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

Instrument :

BNA_G

ClientSampleId :

RO-RBR200059MSD

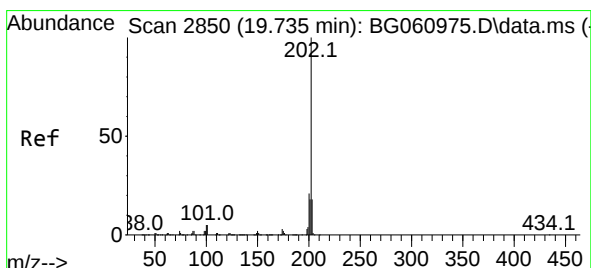
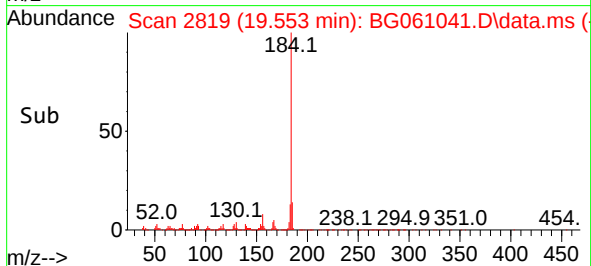
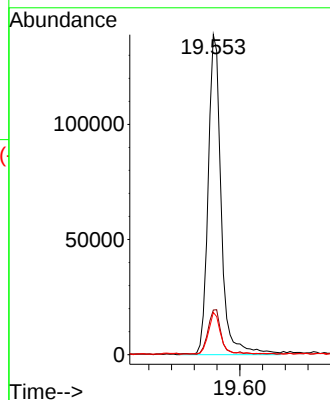
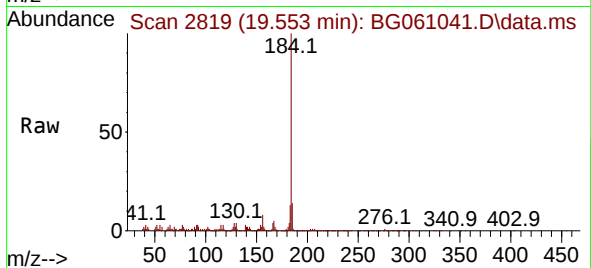
Tgt Ion:184 Resp: 220376

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

183 13.2 10.2 15.2



#78

Pyrene

Concen: 51.568 ng

RT: 19.741 min Scan# 2851

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

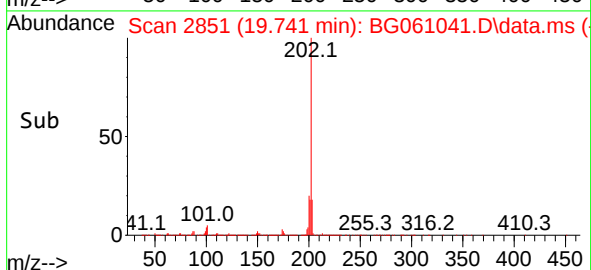
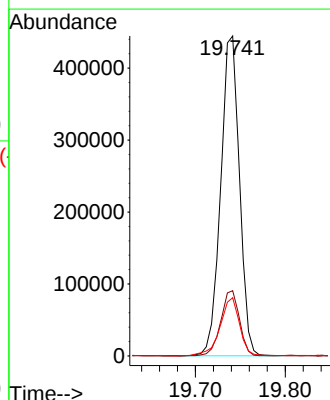
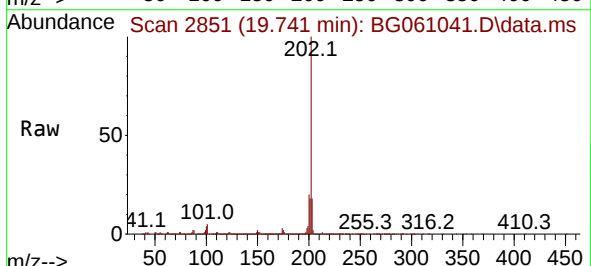
Tgt Ion:202 Resp: 643627

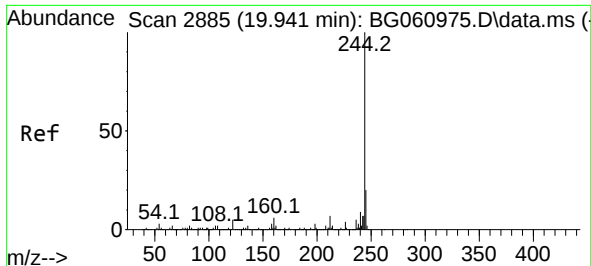
Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

203 18.2 14.2 21.2

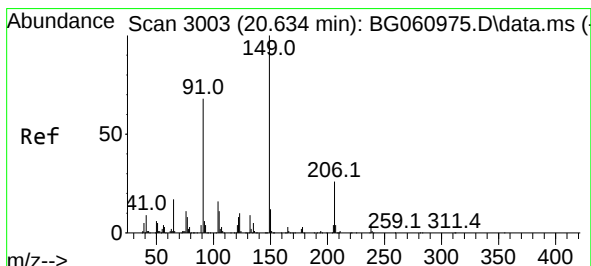
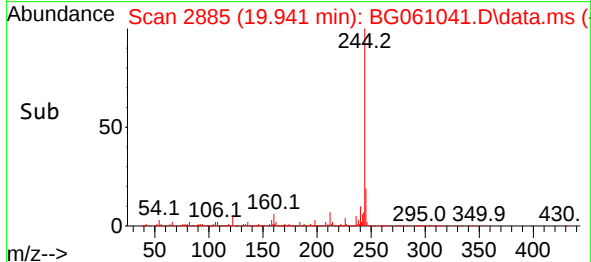
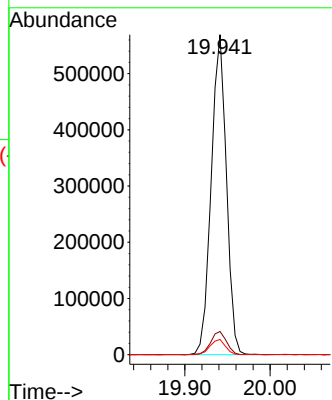
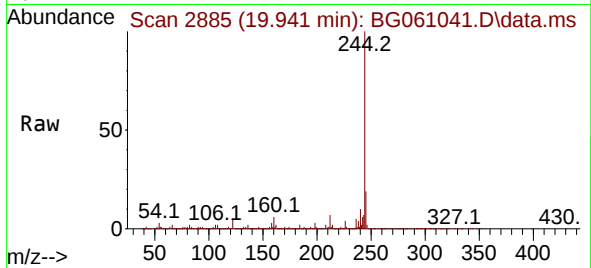




#79
 Terphenyl-d14
 Concen: 59.543 ng
 RT: 19.941 min Scan# 2885
 Delta R.T. 0.001 min
 Lab File: BG061041.D
 Acq: 25 Apr 2024 17:21

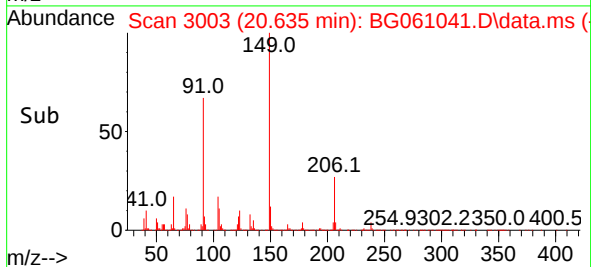
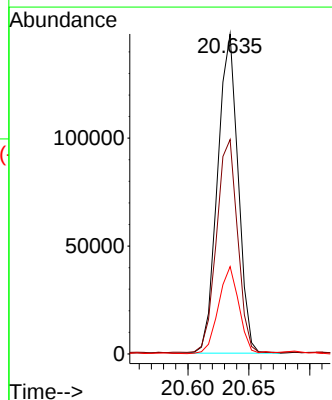
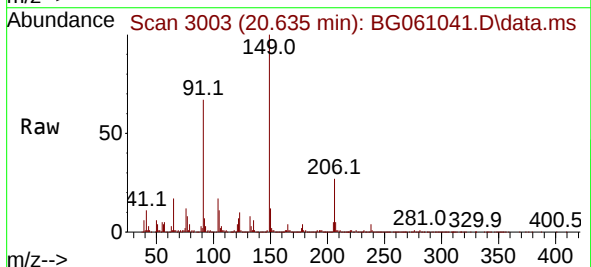
Instrument :
 BNA_G
 ClientSampleId :
 RO-RBR200059MSD

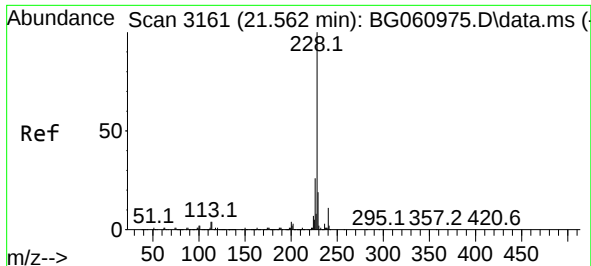
Tgt Ion:244 Resp: 703153
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 4.8 4.2 6.2



#80
 Butylbenzylphthalate
 Concen: 41.678 ng
 RT: 20.635 min Scan# 3003
 Delta R.T. 0.001 min
 Lab File: BG061041.D
 Acq: 25 Apr 2024 17:21

Tgt Ion:149 Resp: 173382
 Ion Ratio Lower Upper
 149 100
 91 67.0 54.4 81.6
 206 27.3 20.8 31.2

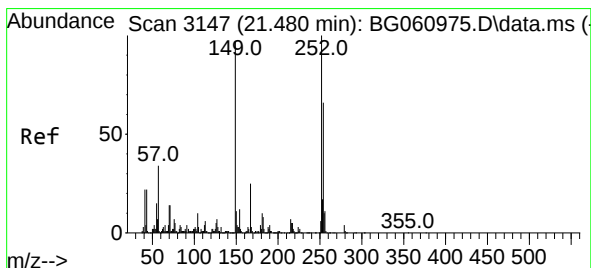
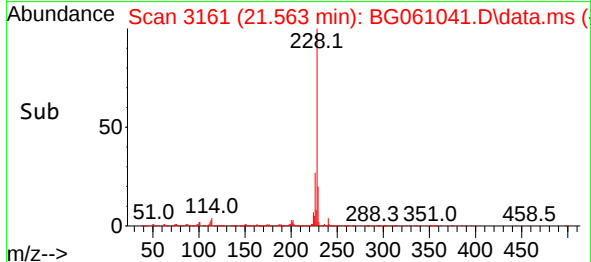
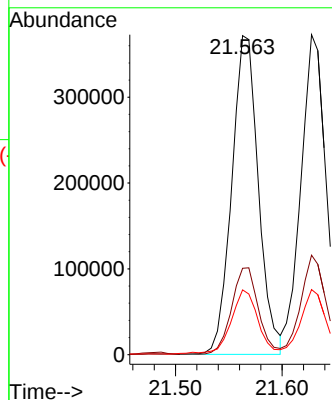
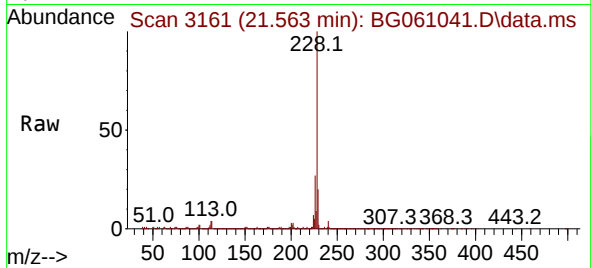




#81
Benzo(a)anthracene
Concen: 50.139 ng
RT: 21.563 min Scan# 3161
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

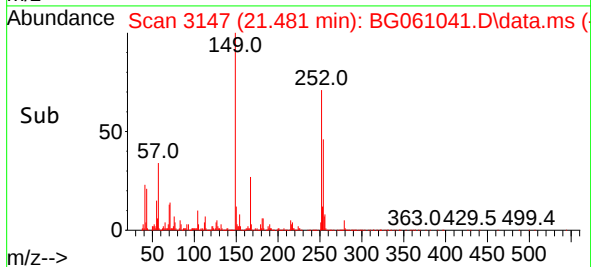
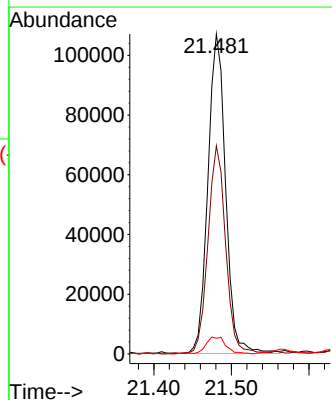
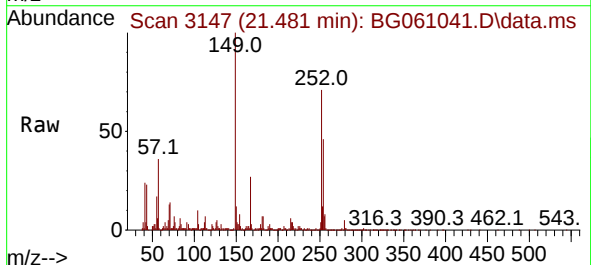
Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

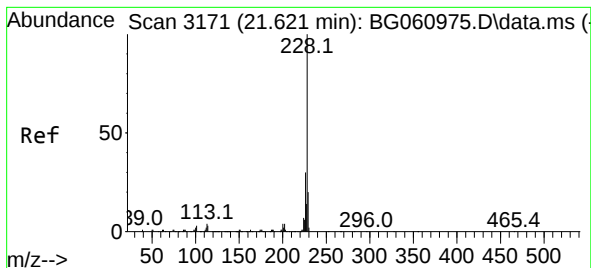
Tgt Ion:228 Resp: 646159
Ion Ratio Lower Upper
228 100
226 27.1 21.0 31.4
229 20.3 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 36.476 ng
RT: 21.481 min Scan# 3147
Delta R.T. 0.001 min
Lab File: BG061041.D
Acq: 25 Apr 2024 17:21

Tgt Ion:252 Resp: 169885
Ion Ratio Lower Upper
252 100
254 65.0 52.7 79.1
126 4.9 4.2 6.2





#83

Chrysene

Concen: 50.581 ng

RT: 21.627 min Scan# 3171

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

Instrument :

BNA_G

ClientSampleId :

RO-RBR200059MSD

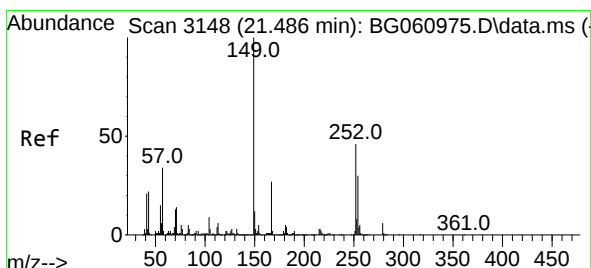
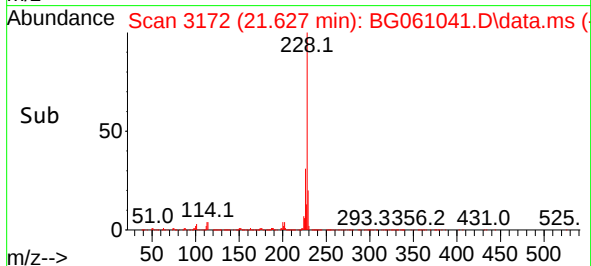
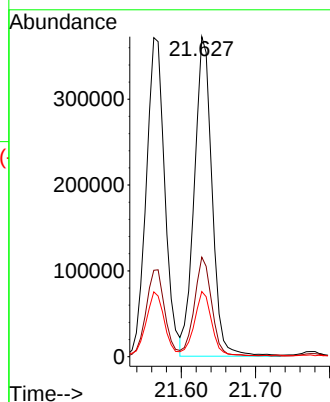
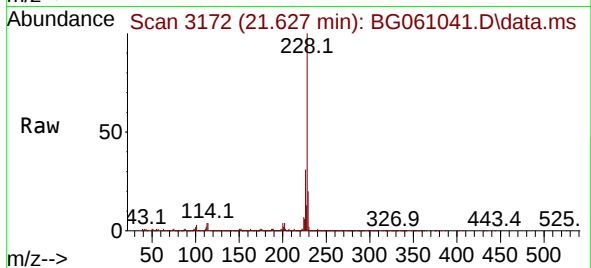
Tgt Ion:228 Resp: 620619

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.2

229 20.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.575 ng

RT: 21.486 min Scan# 3148

Delta R.T. 0.001 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

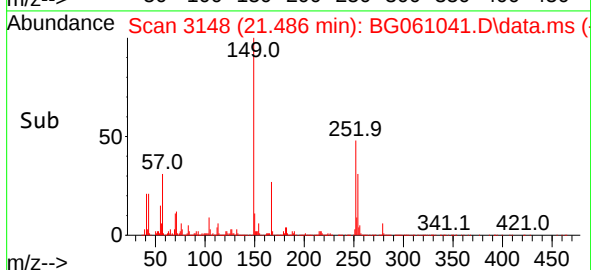
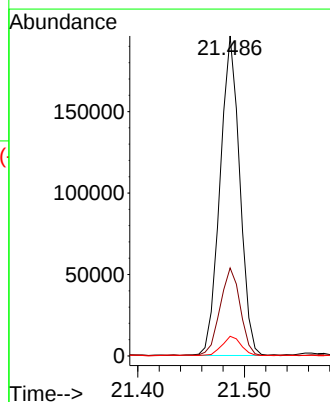
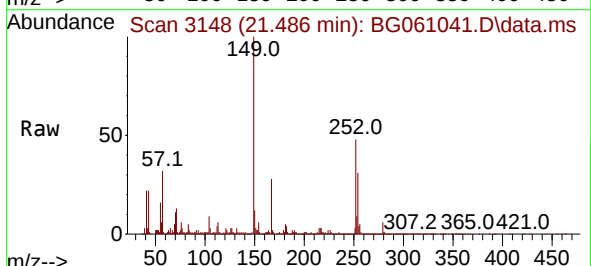
Tgt Ion:149 Resp: 251454

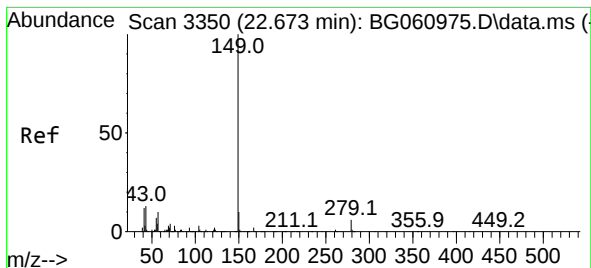
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 6.1 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 43.043 ng

RT: 22.673 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

Instrument :

BNA_G

ClientSampleId :

RO-RBR200059MSD

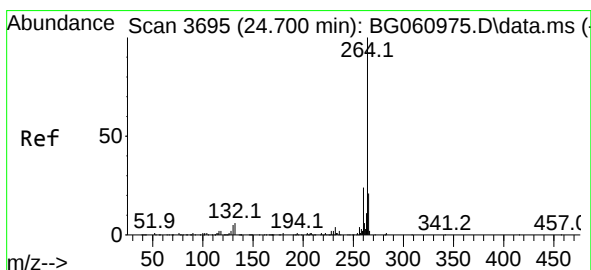
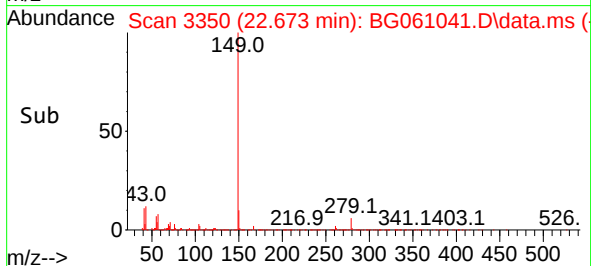
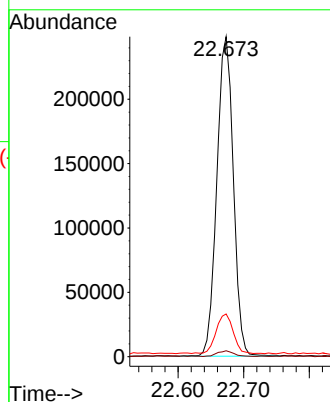
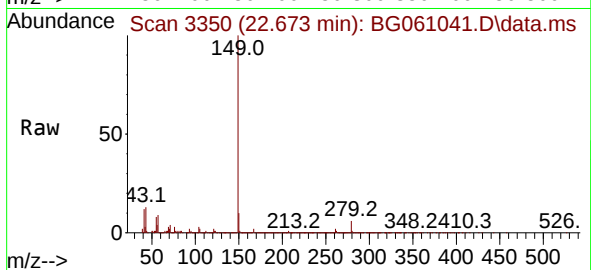
Tgt Ion:149 Resp: 432211

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

43 12.7 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.706 min Scan# 3696

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

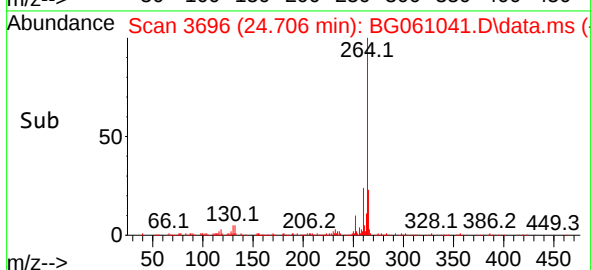
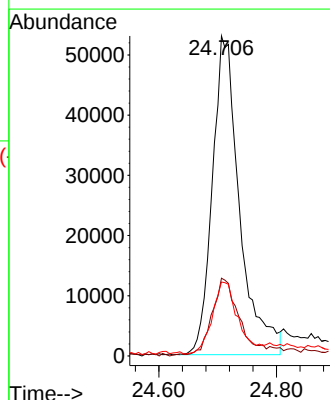
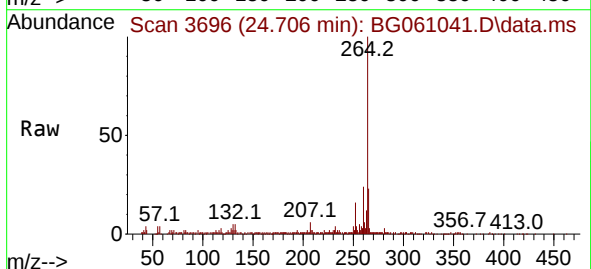
Tgt Ion:264 Resp: 170402

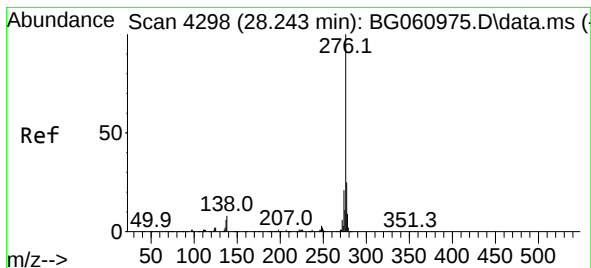
Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 23.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.226 ng

RT: 28.267 min Scan# 41

Delta R.T. 0.024 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

Instrument :

BNA_G

ClientSampleId :

RO-RBR200059MSD

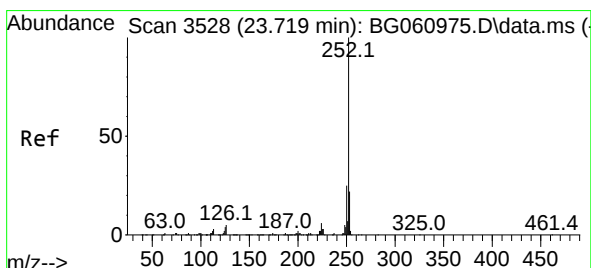
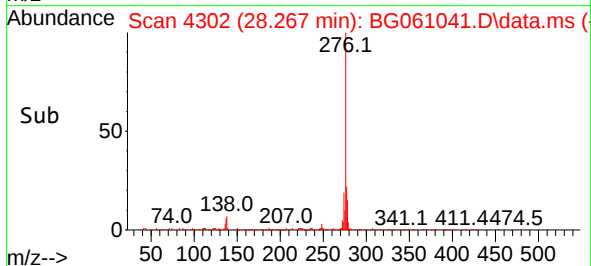
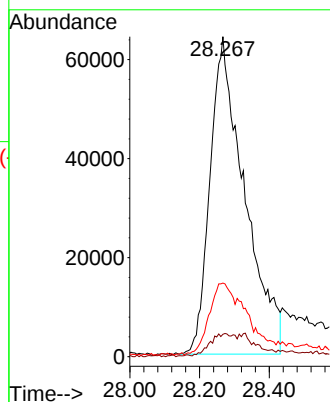
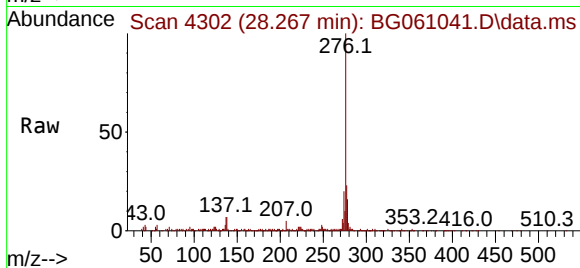
Tgt Ion:276 Resp: 440044

Ion Ratio Lower Upper

276 100

138 4.1 5.3 7.9#

277 15.5 20.6 30.8#



#88

Benzo(b)fluoranthene

Concen: 57.086 ng

RT: 23.725 min Scan# 3529

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

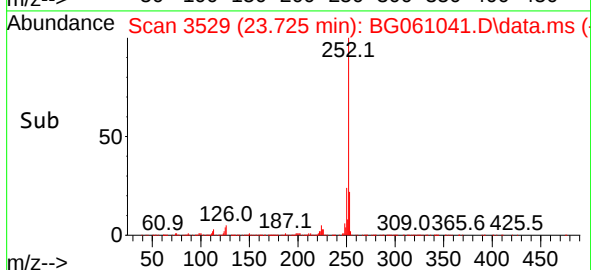
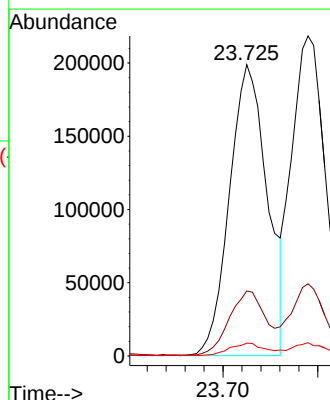
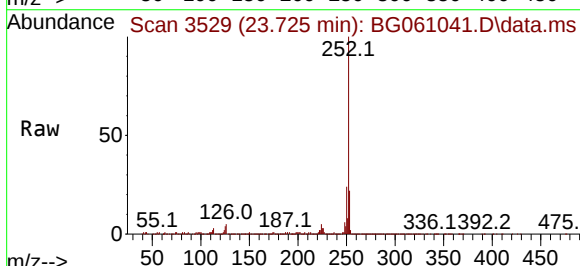
Tgt Ion:252 Resp: 551257

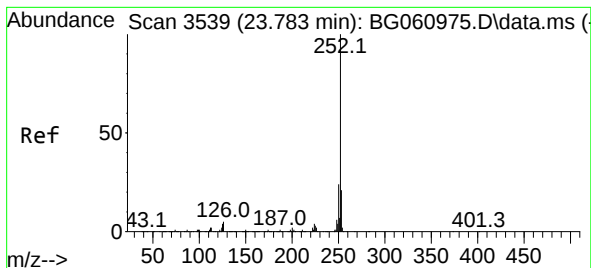
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 4.4 3.3 4.9





#89

Benzo(k)fluoranthene

Concen: 63.755 ng

RT: 23.790 min Scan# 3540

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

Instrument :

BNA_G

ClientSampleId :

RO-RBR200059MSD

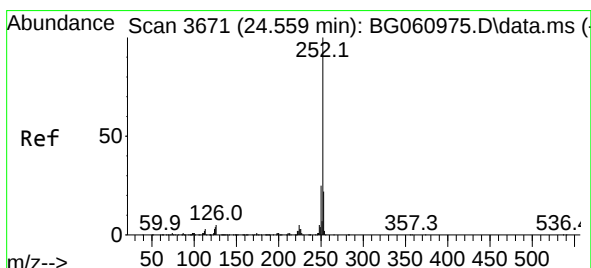
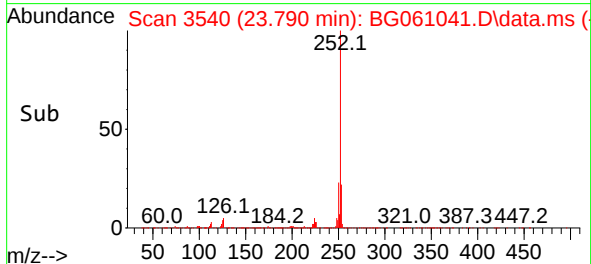
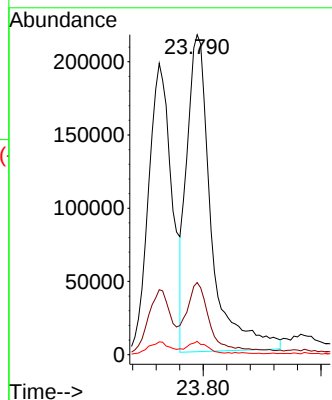
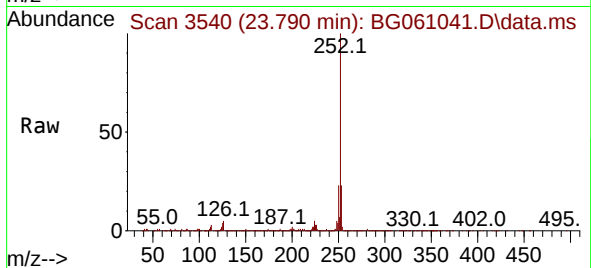
Tgt Ion:252 Resp: 621495

Ion Ratio Lower Upper

252 100

253 22.5 16.6 25.0

125 4.1 3.3 4.9



#90

Benzo(a)pyrene

Concen: 54.825 ng

RT: 24.565 min Scan# 3672

Delta R.T. 0.006 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

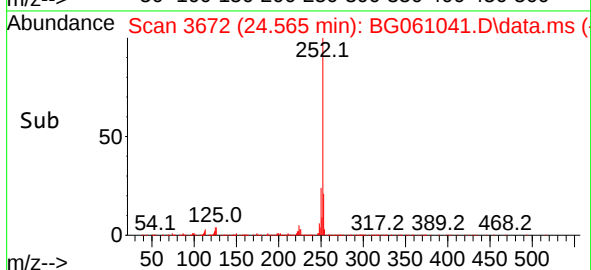
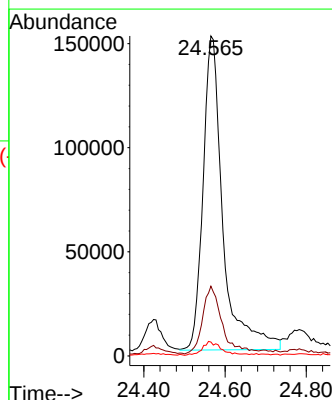
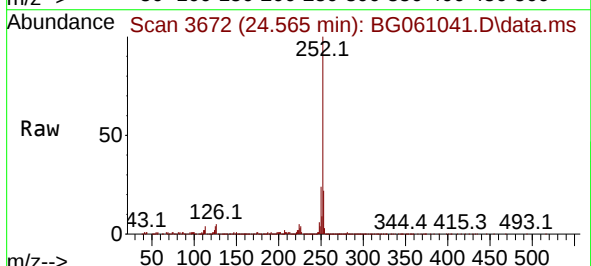
Tgt Ion:252 Resp: 512439

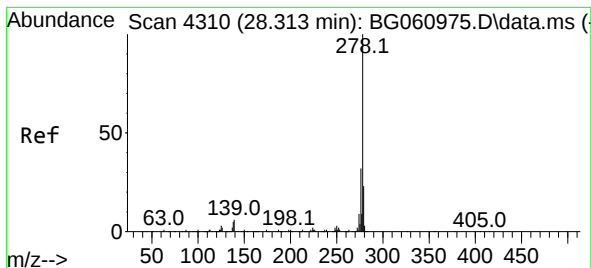
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 4.3 3.6 5.4





#91

Dibenzo(a,h)anthracene

Concen: 35.066 ng

RT: 28.326 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG061041.D

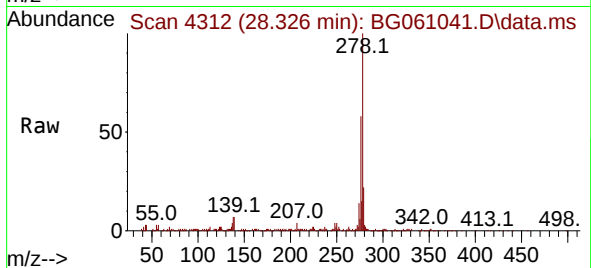
Acq: 25 Apr 2024 17:21

Instrument :

BNA_G

ClientSampleId :

RO-RBR200059MSD



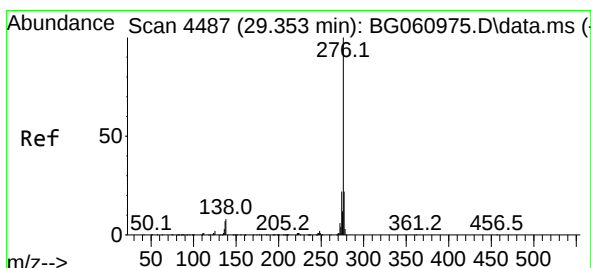
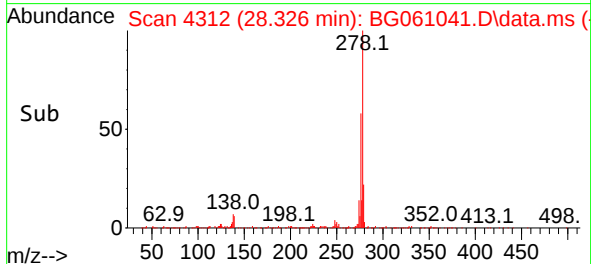
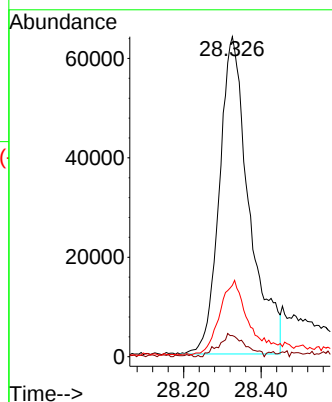
Tgt Ion:278 Resp: 338658

Ion Ratio Lower Upper

278 100

139 6.6 4.7 7.1

279 22.3 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 30.167 ng

RT: 29.365 min Scan# 4489

Delta R.T. 0.012 min

Lab File: BG061041.D

Acq: 25 Apr 2024 17:21

Tgt Ion:276 Resp: 288881

Ion Ratio Lower Upper

276 100

277 21.1 18.0 27.0

138 7.4 6.5 9.7

