

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054174.D
 Acq On : 30 Jun 2022 18:05
 Operator : CG/JU
 Sample : N3548-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 V-1MS

Quant Time: Jul 01 04:04:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	19083	20.000	ng	0.00
21) Naphthalene-d8	10.874	136	77706	20.000	ng	0.00
39) Acenaphthene-d10	14.693	164	61667	20.000	ng	0.00
64) Phenanthrene-d10	17.437	188	158459	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	175881	20.000	ng	0.00
86) Perylene-d12	24.963	264	186264	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	105019	105.218	ng	0.00
7) Phenol-d6	7.231	99	148916	109.981	ng	0.00
23) Nitrobenzene-d5	9.229	82	97271	70.345	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	106729	107.721	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	284711	67.136	ng	0.00
79) Terphenyl-d14	20.039	244	643693	73.712	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.512	88	16652	38.165	ng	# 88
3) Pyridine	3.917	79	45671	39.225	ng	97
4) n-Nitrosodimethylamine	3.829	42	27870	54.418	ng	# 86
6) Aniline	7.384	93	56929	35.462	ng	99
8) 2-Chlorophenol	7.630	128	57977	54.401	ng	94
9) Benzaldehyde	7.196	77	35432	44.339	ng	85
10) Phenol	7.254	94	72480	52.820	ng	98
11) bis(2-Chloroethyl)ether	7.478	93	49613	47.105	ng	96
12) 1,3-Dichlorobenzene	7.954	146	64767	48.500	ng	91
13) 1,4-Dichlorobenzene	8.101	146	65475	48.810	ng	96
14) 1,2-Dichlorobenzene	8.418	146	62656	48.656	ng	97
15) Benzyl Alcohol	8.300	79	55115	54.462	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.588	45	74368	47.233	ng	95
17) 2-Methylphenol	8.512	107	50172	52.633	ng	96
18) Hexachloroethane	9.152	117	22527	50.622	ng	# 78
19) n-Nitroso-di-n-propyla...	8.870	70	43111	47.392	ng	95
20) 3+4-Methylphenols	8.835	107	66994	50.114	ng	95
22) Acetophenone	8.888	105	86738	45.922	ng	# 99
24) Nitrobenzene	9.270	77	64476	47.351	ng	# 83
25) Isophorone	9.793	82	118762	45.988	ng	# 93
26) 2-Nitrophenol	9.987	139	32922	54.740	ng	88
27) 2,4-Dimethylphenol	10.039	122	55629	57.146	ng	89
28) bis(2-Chloroethoxy)met...	10.269	93	68143	48.981	ng	99
29) 2,4-Dichlorophenol	10.521	162	70095	53.706	ng	89
30) 1,2,4-Trichlorobenzene	10.739	180	76489	47.330	ng	# 95
31) Naphthalene	10.927	128	175948	44.853	ng	99
32) Benzoic acid	10.192	122	31312	67.759	ng	# 77
33) 4-Chloroaniline	11.032	127	36820	22.625	ng	93
34) Hexachlorobutadiene	11.209	225	60428	48.635	ng	96
35) Caprolactam	11.796	113	10999	30.612	ng	91
36) 4-Chloro-3-methylphenol	12.155	107	67519	53.216	ng	# 88
37) 2-Methylnaphthalene	12.525	142	134469	46.331	ng	97
38) 1-Methylnaphthalene	12.742	142	126674	44.824	ng	99
40) 1,2,4,5-Tetrachloroben...	12.895	216	110722	46.597	ng	# 96
41) Hexachlorocyclopentadiene	12.877	237	100152	90.517	ng	97
43) 2,4,6-Trichlorophenol	13.130	196	67706	50.726	ng	95

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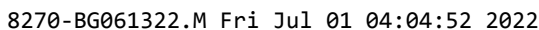
Instrument :
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Quant Time: Jul 01 04:04:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	75485	50.650	ng	# 93
46) 1,1'-Biphenyl	13.529	154	195428	45.496	ng	97
47) 2-Chloronaphthalene	13.571	162	158606	45.625	ng	95
48) 2-Nitroaniline	13.770	65	45860	49.593	ng	# 88
49) Acenaphthylene	14.417	152	244281	45.191	ng	99
50) Dimethylphthalate	14.140	163	209328	44.571	ng	100
51) 2,6-Dinitrotoluene	14.258	165	47969	50.553	ng	# 77
52) Acenaphthene	14.757	154	147770	42.886	ng	100
53) 3-Nitroaniline	14.593	138	29445	32.030	ng	87
54) 2,4-Dinitrophenol	14.804	184	55653	103.976	ng	# 74
55) Dibenzofuran	15.092	168	252718	45.522	ng	93
56) 4-Nitrophenol	14.910	139	68124	104.378	ng	92
57) 2,4-Dinitrotoluene	15.051	165	70004	52.238	ng	# 82
58) Fluorene	15.739	166	210080	46.089	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.316	232	73462	50.404	ng	# 90
60) Diethylphthalate	15.504	149	205655	45.217	ng	96
61) 4-Chlorophenyl-phenyle...	15.727	204	129243	47.361	ng	89
62) 4-Nitroaniline	15.756	138	43488	45.362	ng	# 82
63) Azobenzene	16.021	77	168606	46.054	ng	89
65) 4,6-Dinitro-2-methylph...	15.815	198	43324	54.802	ng	83
66) n-Nitrosodiphenylamine	15.938	169	189327	45.845	ng	96
67) 4-Bromophenyl-phenylether	16.620	248	95319	48.163	ng	92
68) Hexachlorobenzene	16.749	284	108937	48.120	ng	# 91
69) Atrazine	16.884	200	90101	52.667	ng	91
70) Pentachlorophenol	17.090	266	113269	107.711	ng	98
71) Phenanthrene	17.478	178	367456	45.136	ng	98
72) Anthracene	17.572	178	371860	46.775	ng	98
73) Carbazole	17.836	167	318361	46.654	ng	99
74) Di-n-butylphthalate	18.388	149	363992	46.134	ng	98
75) Fluoranthene	19.487	202	481696	45.072	ng	96
77) Benzidine	19.658	184	192216	52.773	ng	98
78) Pyrene	19.851	202	484020	45.564	ng	98
80) Butylbenzylphthalate	20.727	149	159476	46.837	ng	90
81) Benzo(a)anthracene	21.690	228	517587	45.450	ng	99
82) 3,3'-Dichlorobenzidine	21.602	252	114812	33.745	ng	97
83) Chrysene	21.761	228	479308	44.155	ng	97
84) Bis(2-ethylhexyl)phtha...	21.591	149	230874	47.410	ng	# 94
85) Di-n-octyl phthalate	22.813	149	391583	46.784	ng	95
87) Indeno(1,2,3-cd)pyrene	28.700	276	621635	44.225	ng	99
88) Benzo(b)fluoranthene	23.935	252	535668	47.298	ng	98
89) Benzo(k)fluoranthene	24.000	252	518458	46.237	ng	98
90) Benzo(a)pyrene	24.810	252	475024	49.712	ng	99
91) Dibenzo(a,h)anthracene	28.747	278	534489	45.983	ng	# 98
92) Benzo(g,h,i)perylene	29.851	276	532385	46.412	ng	95

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

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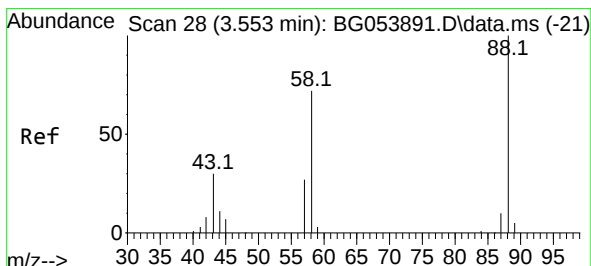
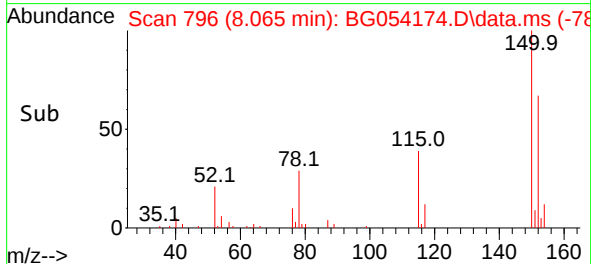
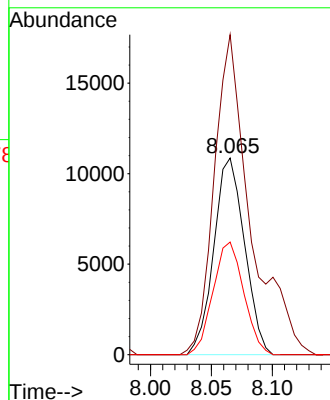
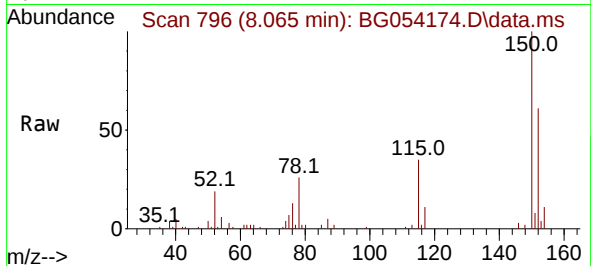




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.065 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BG054174.D
 Acq: 30 Jun 2022 18:05

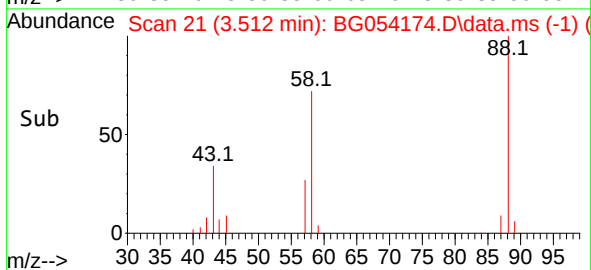
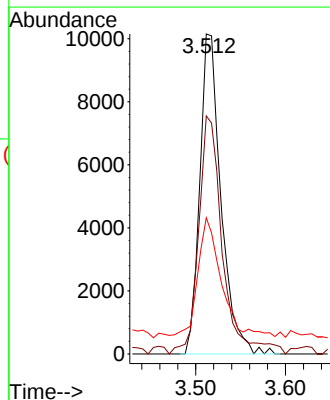
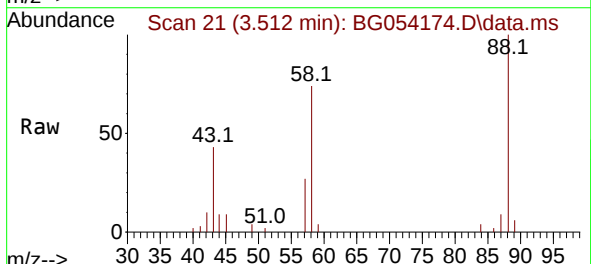
Instrument :
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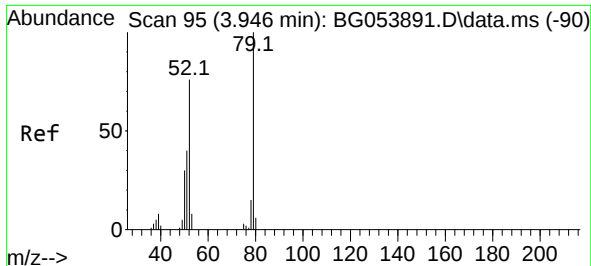
Tgt Ion:152 Resp: 19083
 Ion Ratio Lower Upper
 152 100
 150 162.7 131.6 197.4
 115 57.3 50.9 76.3



#2
 1,4-Dioxane
 Concen: 38.165 ng
 RT: 3.512 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG054174.D
 Acq: 30 Jun 2022 18:05

Tgt Ion: 88 Resp: 16652
 Ion Ratio Lower Upper
 88 100
 58 83.1 59.2 88.8
 43 37.9 24.3 36.5#





#3

Pyridine

Concen: 39.225 ng

RT: 3.917 min Scan# 90

Delta R.T. -0.011 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

Instrument :

BNA_G

ClientSampleId :

V-1MS

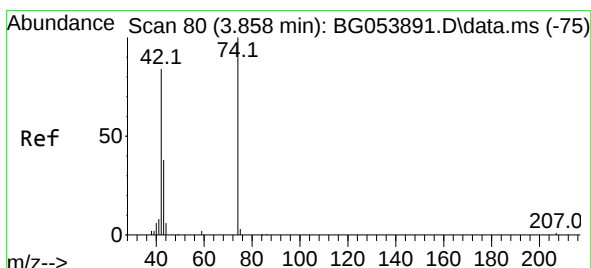
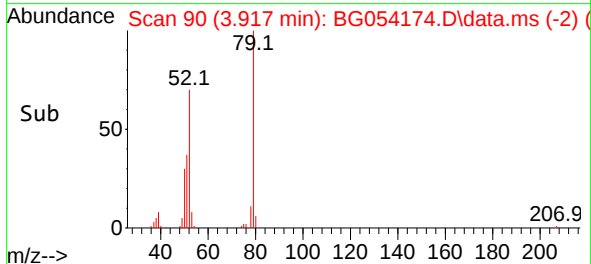
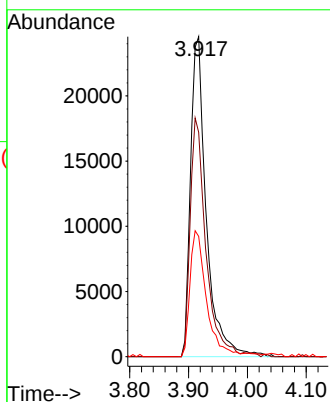
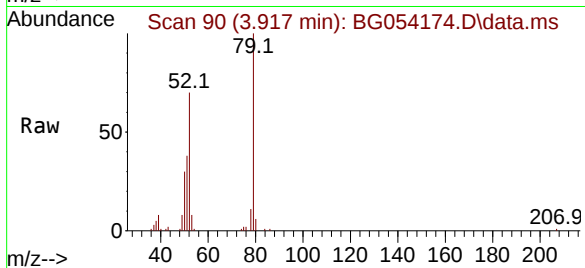
Tgt Ion: 79 Resp: 45671

Ion Ratio Lower Upper

79 100

52 70.1 54.6 81.8

51 37.6 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 54.418 ng

RT: 3.829 min Scan# 75

Delta R.T. -0.011 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

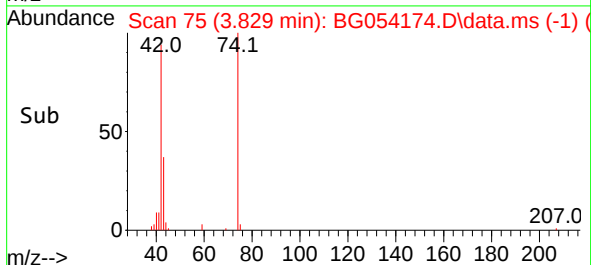
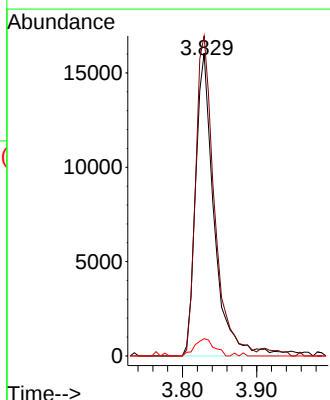
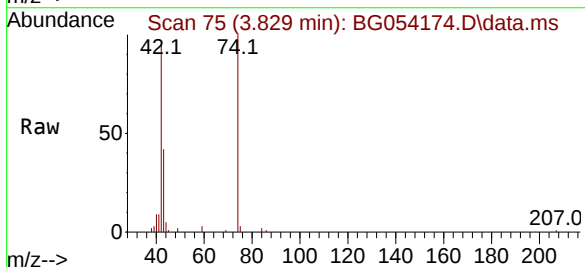
Tgt Ion: 42 Resp: 27870

Ion Ratio Lower Upper

42 100

74 105.7 97.0 145.4

44 5.7 7.0 10.4

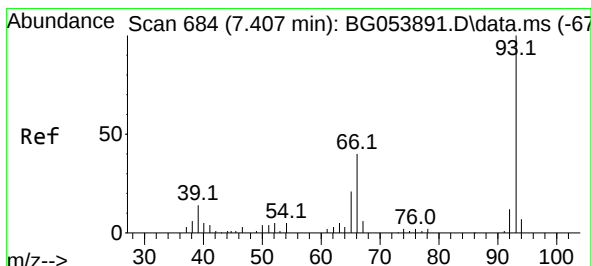
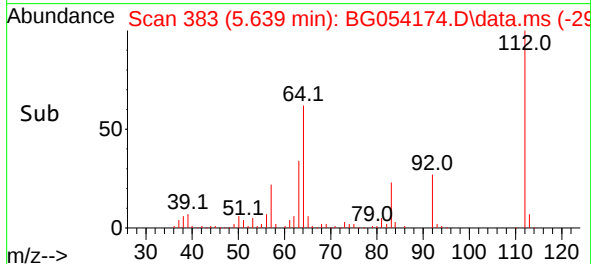
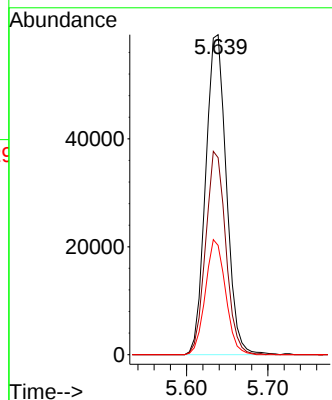
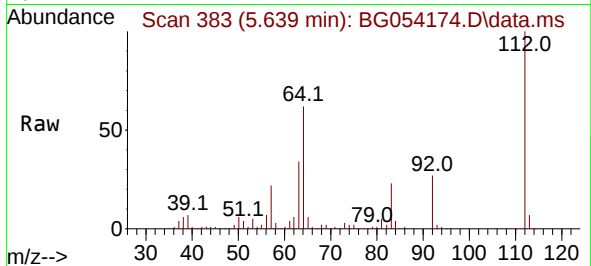




#5
2-Fluorophenol
Concen: 105.218 ng
RT: 5.639 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

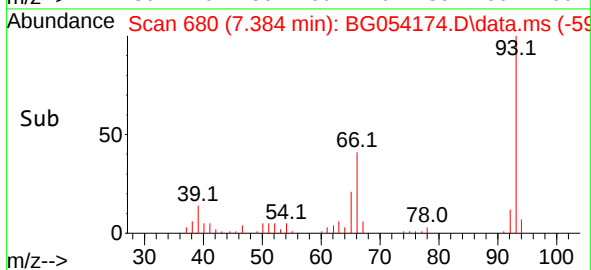
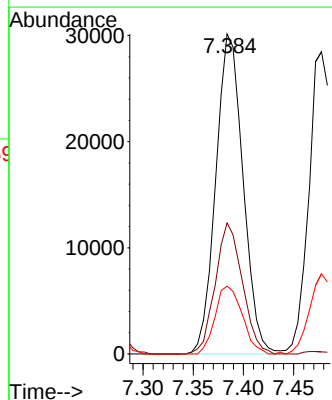
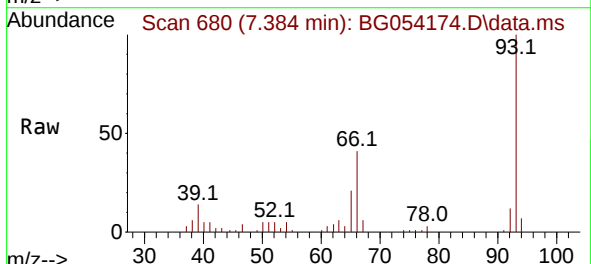
Instrument :
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Tgt Ion:112 Resp: 105019
Ion Ratio Lower Upper
112 100
64 61.6 55.1 82.7
63 34.2 30.4 45.6



#6
Aniline
Concen: 35.462 ng
RT: 7.384 min Scan# 680
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion: 93 Resp: 56929
Ion Ratio Lower Upper
93 100
66 41.0 32.9 49.3
65 21.2 17.8 26.8

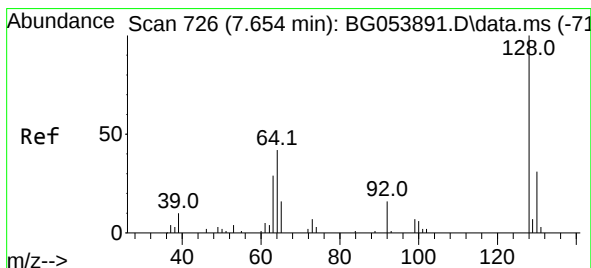
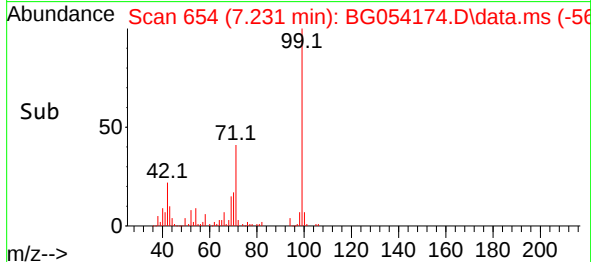
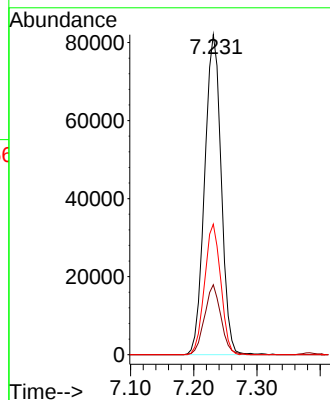
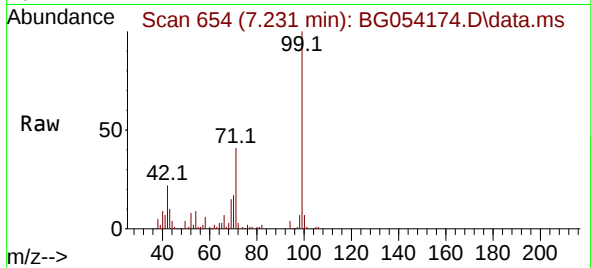




#7
Phenol-d6
Concen: 109.981 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

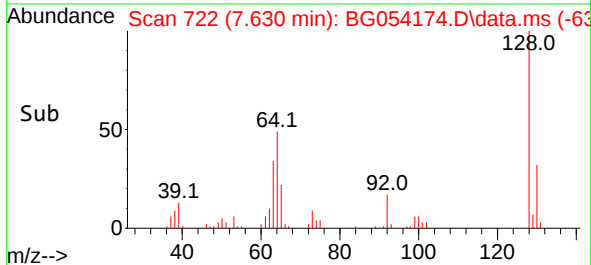
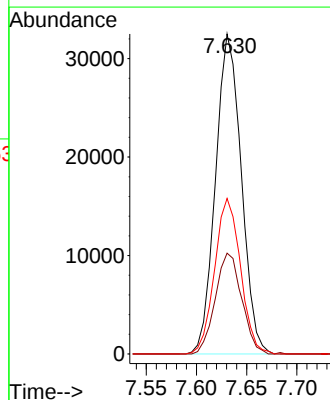
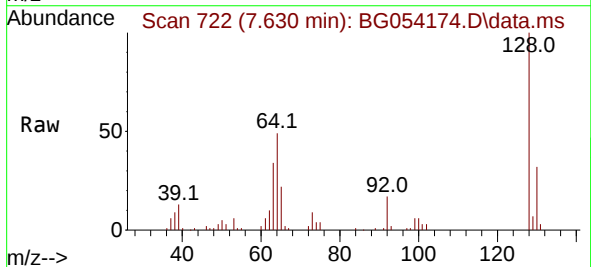
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ClientSampleId :
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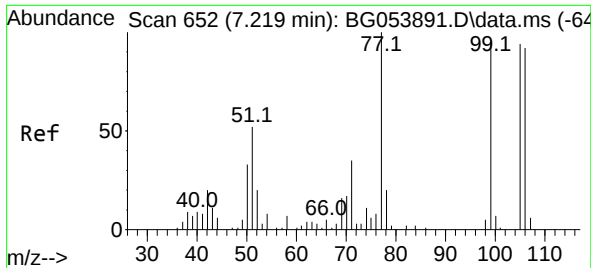
Tgt Ion: 99 Resp: 148916
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 40.8 33.8 50.8



#8
2-Chlorophenol
Concen: 54.401 ng
RT: 7.630 min Scan# 722
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:128 Resp: 57977
Ion Ratio Lower Upper
128 100
130 31.5 10.5 50.5
64 48.6 35.1 75.1

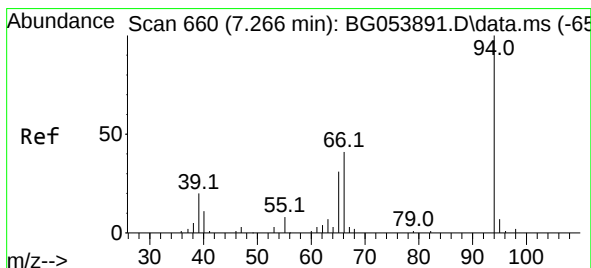
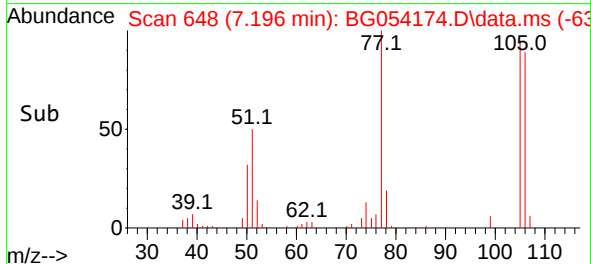
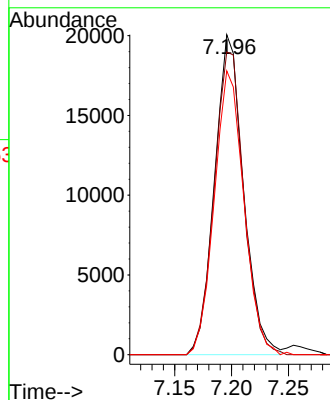
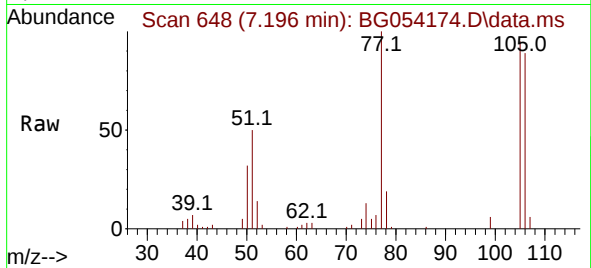




#9
Benzaldehyde
Concen: 44.339 ng
RT: 7.196 min Scan# 64
Delta R.T. -0.011 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

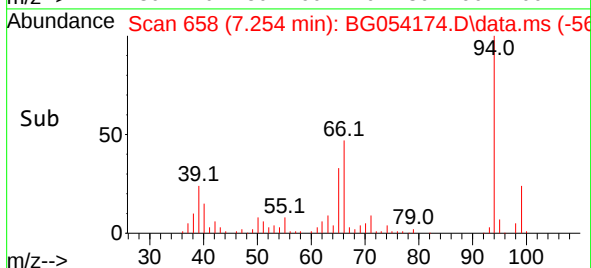
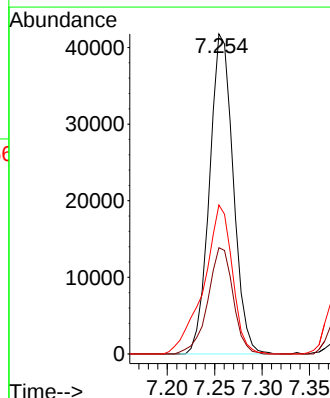
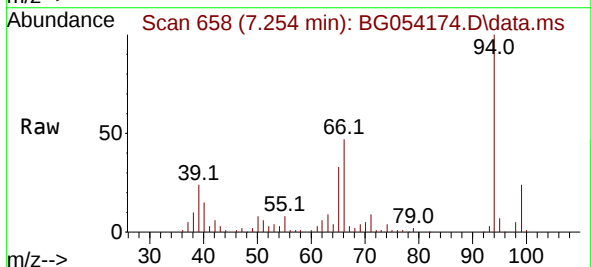
Instrument :
BNA_G
ClientSampleId :
V-1MS

Tgt Ion: 77 Resp: 35432
Ion Ratio Lower Upper
77 100
105 94.6 59.6 99.6
106 88.7 56.8 96.8



#10
Phenol
Concen: 52.820 ng
RT: 7.254 min Scan# 658
Delta R.T. -0.005 min
Lab File: BG054174.D
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Tgt Ion: 94 Resp: 72480
Ion Ratio Lower Upper
94 100
65 33.2 14.8 54.8
66 46.6 25.2 65.2

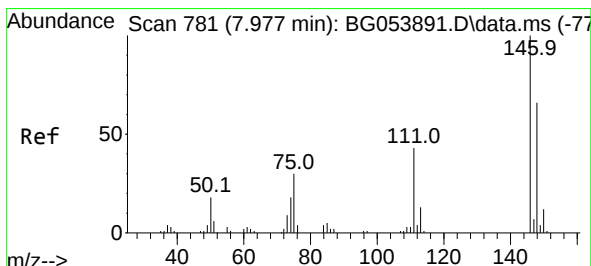
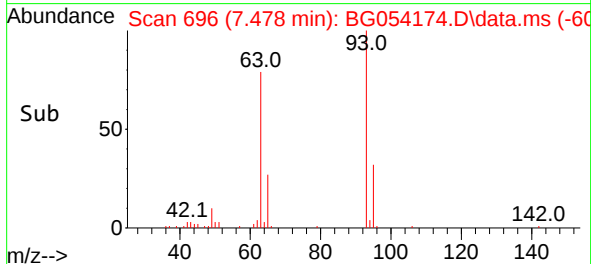
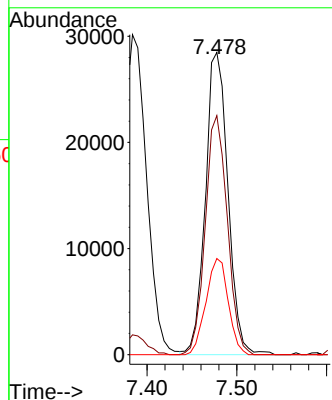
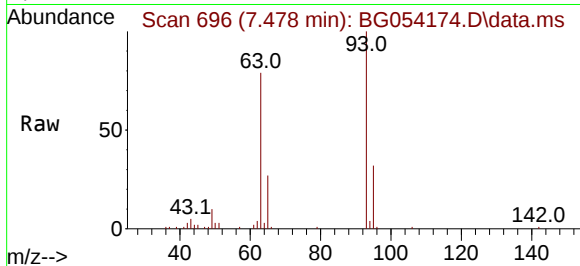




#11
bis(2-Chloroethyl)ether
Concen: 47.105 ng
RT: 7.478 min Scan# 696
Delta R.T. -0.011 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

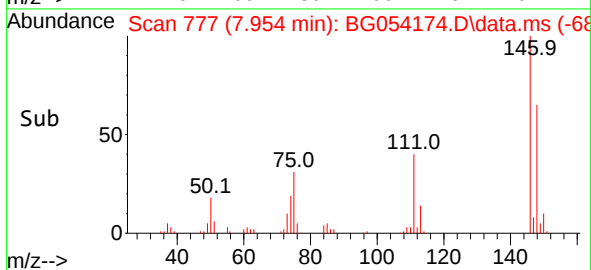
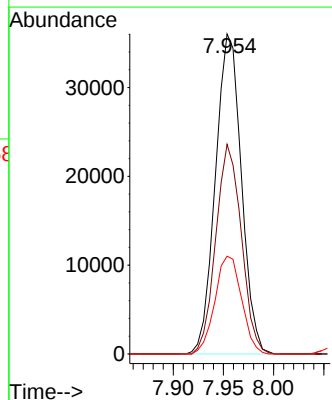
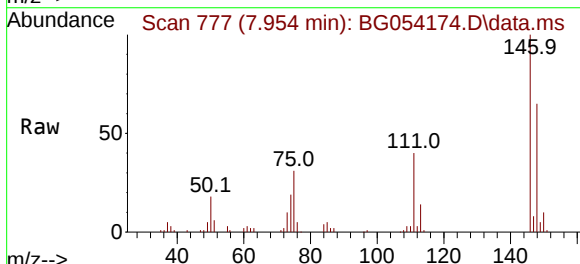
Instrument :
BNA_G
ClientSampleId :
V-1MS

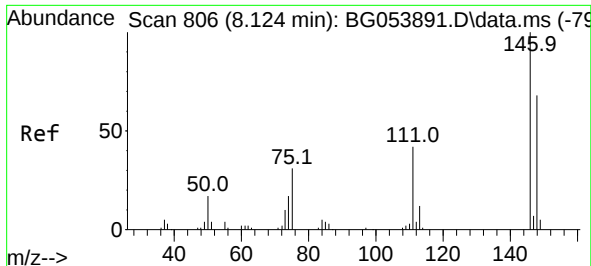
Tgt Ion:	93	Resp:	49613
Ion	Ratio	Lower	Upper
93	100		
63	79.1	63.6	103.6
95	31.8	10.1	50.1



#12
1,3-Dichlorobenzene
Concen: 48.500 ng
RT: 7.954 min Scan# 777
Delta R.T. -0.011 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:	146	Resp:	64767
Ion	Ratio	Lower	Upper
146	100		
148	65.5	46.1	69.1
75	30.5	27.6	41.4

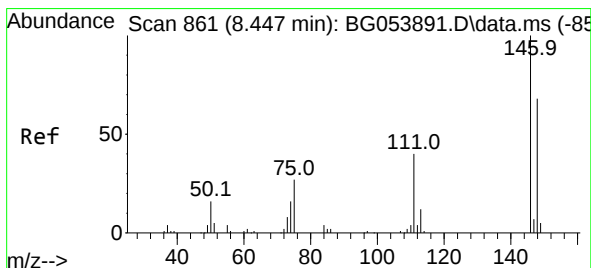
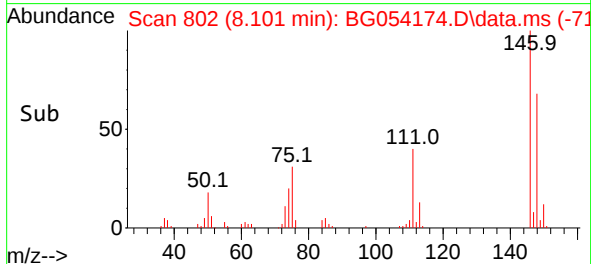
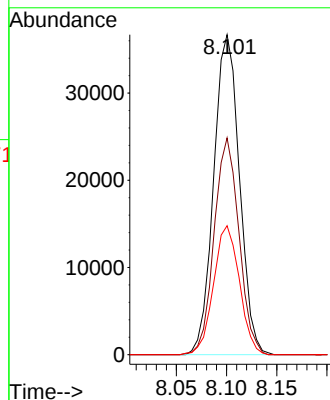
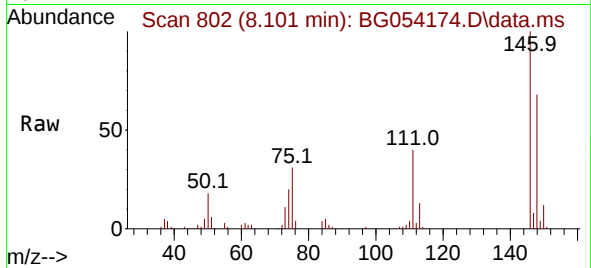




#13
1,4-Dichlorobenzene
Concen: 48.810 ng
RT: 8.101 min Scan# 801
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

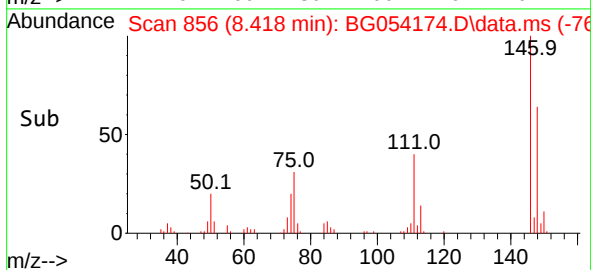
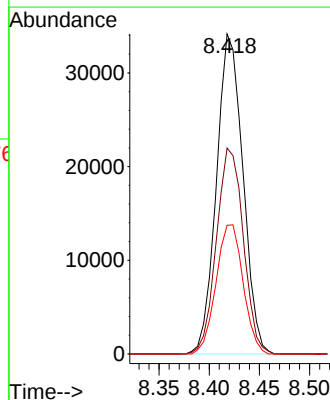
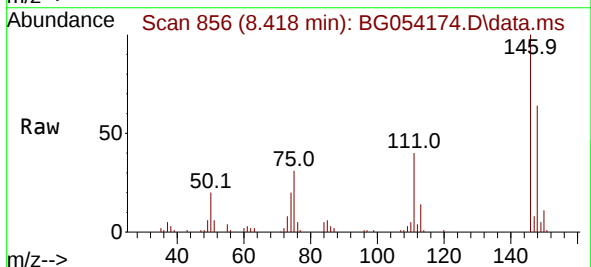
Instrument :
BNA_G
ClientSampleId :
V-1MS

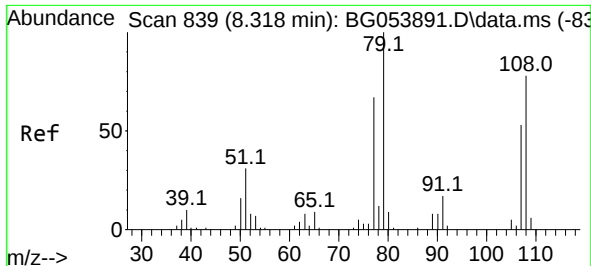
Tgt Ion:146 Resp: 65475
Ion Ratio Lower Upper
146 100
148 67.8 51.5 77.3
111 40.3 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 48.656 ng
RT: 8.418 min Scan# 856
Delta R.T. -0.011 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:146 Resp: 62656
Ion Ratio Lower Upper
146 100
148 64.4 52.6 78.8
111 40.2 34.5 51.7

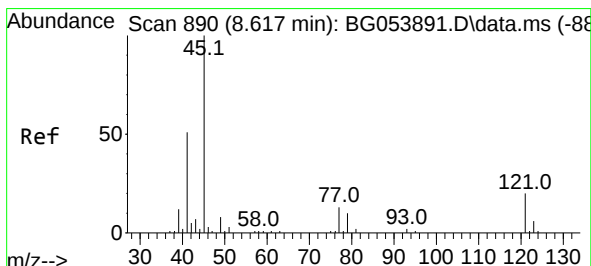
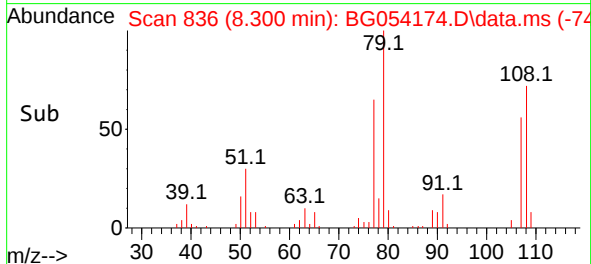
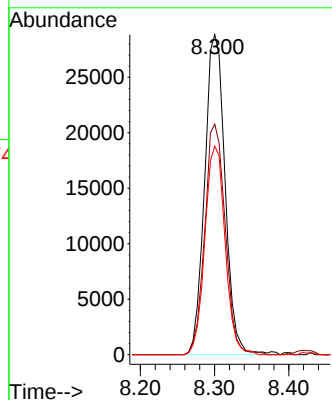
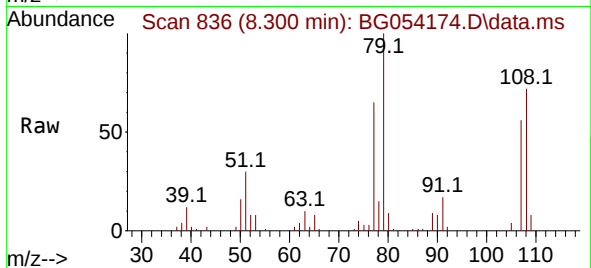




#15
Benzyl Alcohol
Concen: 54.462 ng
RT: 8.300 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

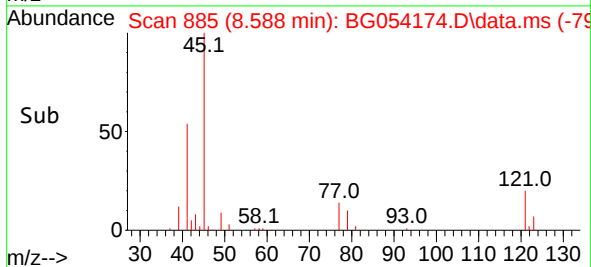
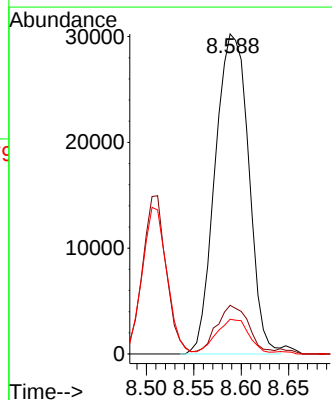
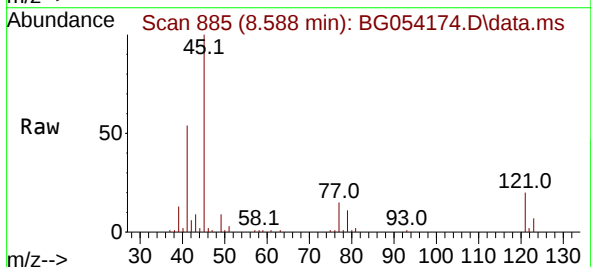
Instrument :
BNA_G
ClientSampleId :
V-1MS

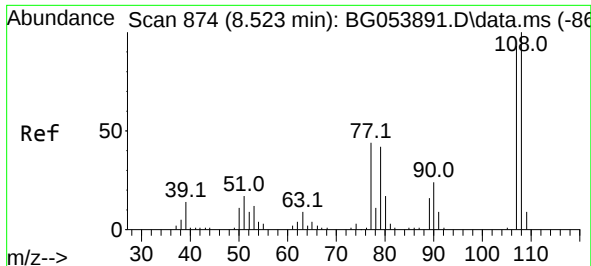
Tgt Ion: 79 Resp: 55115
Ion Ratio Lower Upper
79 100
108 72.1 53.7 80.5
77 65.1 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.233 ng
RT: 8.588 min Scan# 885
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion: 45 Resp: 74368
Ion Ratio Lower Upper
45 100
77 15.2 0.0 32.7
79 10.8 0.0 29.7

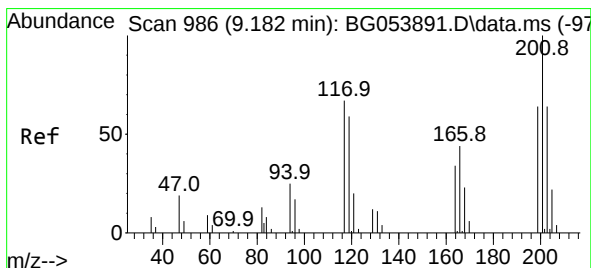
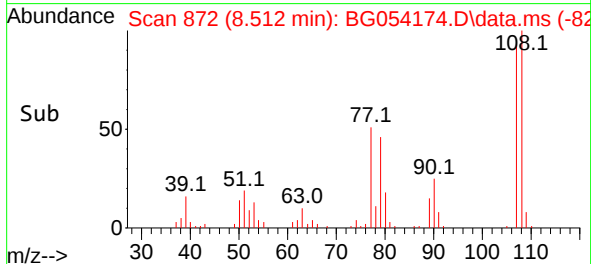
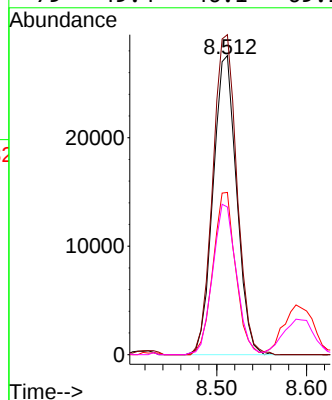
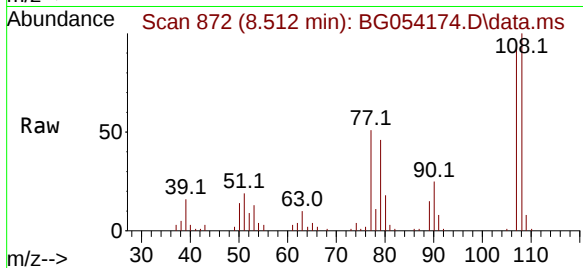




#17
2-Methylphenol
Concen: 52.633 ng
RT: 8.512 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

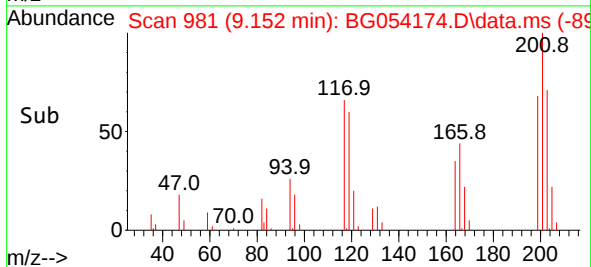
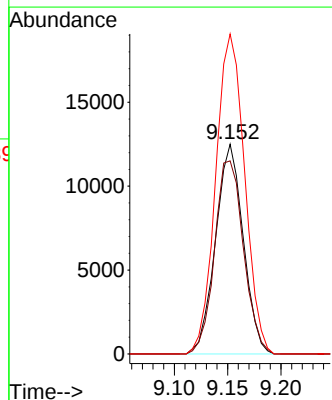
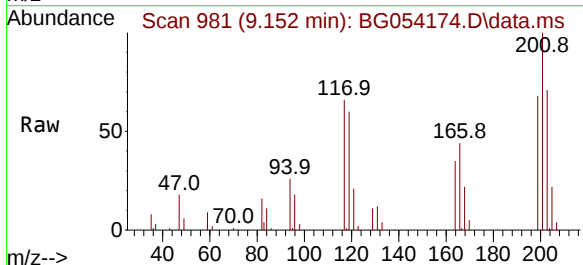
Instrument :
BNA_G
ClientSampleId :
V-1MS

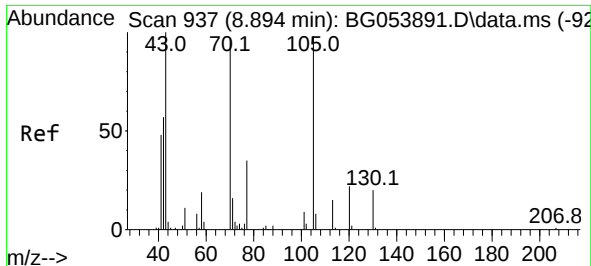
Tgt Ion:	107	Resp:	50172
Ion	Ratio	Lower	Upper
107	100		
108	107.0	85.4	128.0
77	54.3	46.2	69.2
79	49.4	46.1	69.1



#18
Hexachloroethane
Concen: 50.622 ng
RT: 9.152 min Scan# 981
Delta R.T. -0.011 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:	117	Resp:	22527
Ion	Ratio	Lower	Upper
117	100		
119	92.1	75.0	112.6
201	152.6	89.0	133.6#



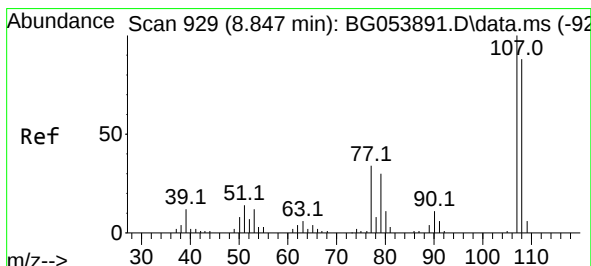
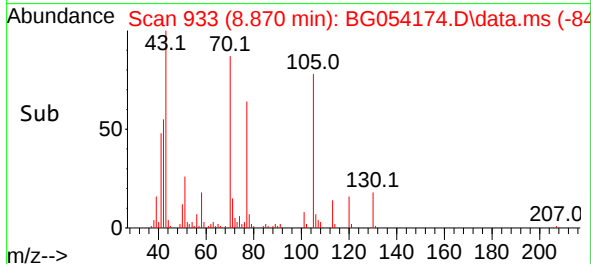
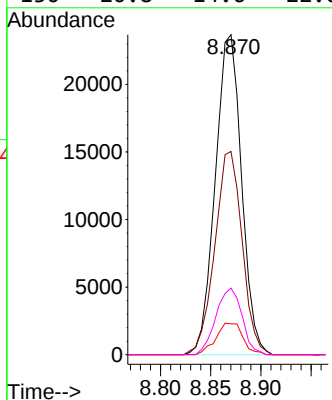
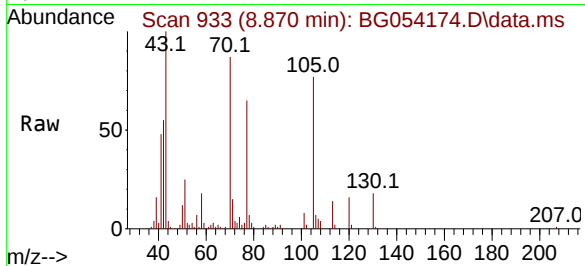


#19
n-Nitroso-di-n-propylamine
Concen: 47.392 ng
RT: 8.870 min Scan# 911
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Instrument :
BNA_G
ClientSampleId :
V-1MS

Tgt Ion: 70 Resp: 43111

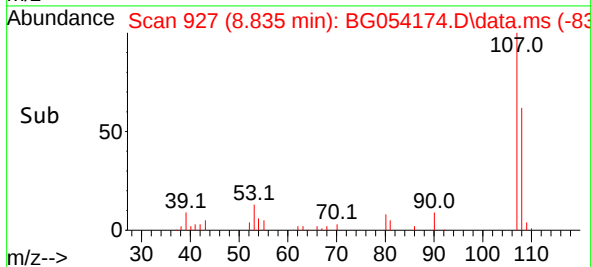
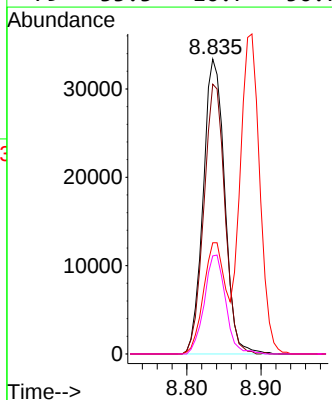
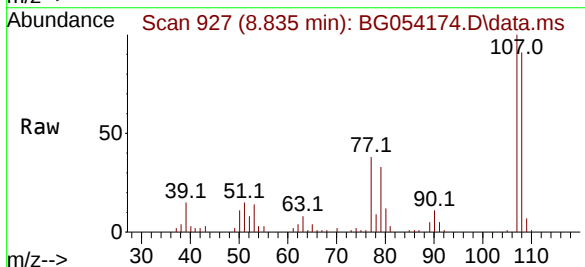
Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.3	70.9
101	9.7	7.0	10.4
130	20.8	14.6	22.0



#20
3+4-Methylphenols
Concen: 50.114 ng
RT: 8.835 min Scan# 927
Delta R.T. 0.001 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion: 107 Resp: 66994

Ion	Ratio	Lower	Upper
107	100		
108	91.5	67.5	107.5
77	37.7	20.3	60.3
79	33.3	16.7	56.7

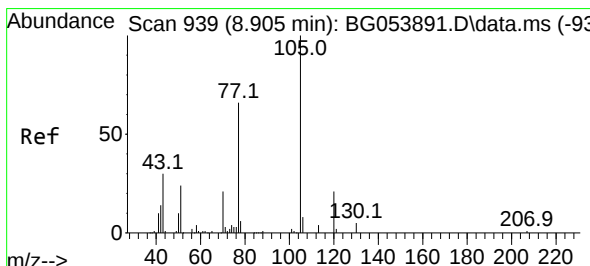
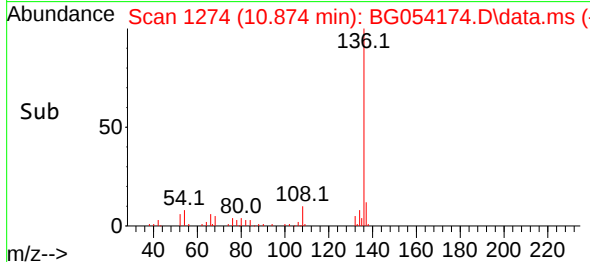
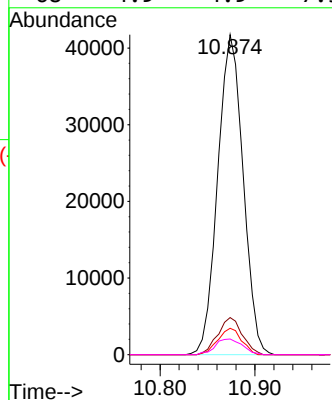
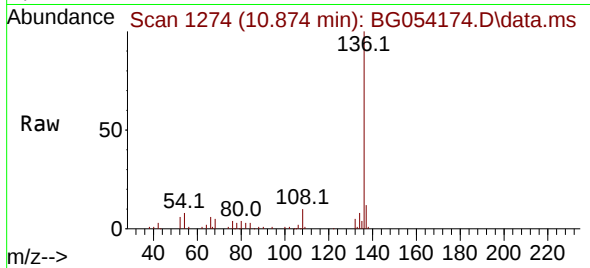




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.874 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

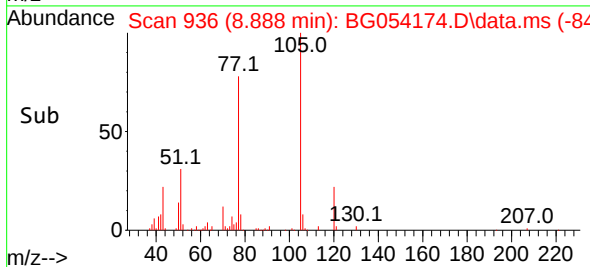
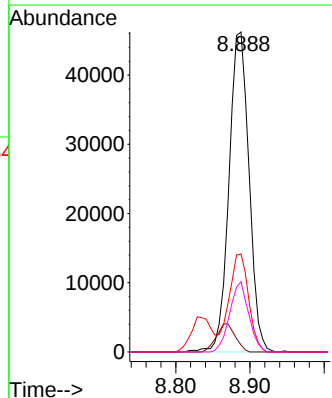
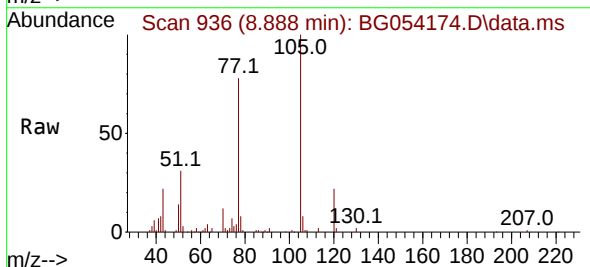
Instrument :
BNA_G
ClientSampleId :
V-1MS

Tgt Ion:	136	Resp:	77706
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	8.3	7.4	11.2
68	4.9	4.9	7.3



#22
Acetophenone
Concen: 45.922 ng
RT: 8.888 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:	105	Resp:	86738
Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.1	1.7#
51	30.6	25.4	38.0
120	21.9	17.3	25.9

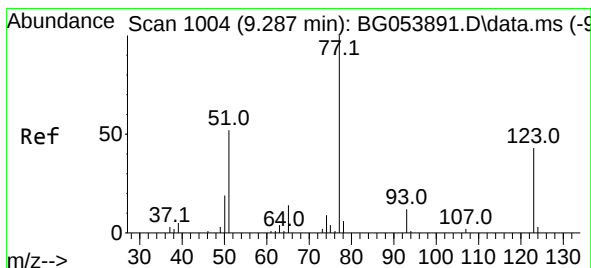
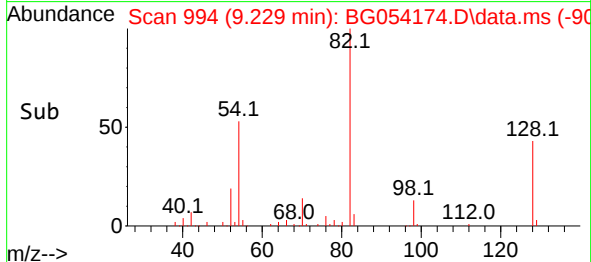
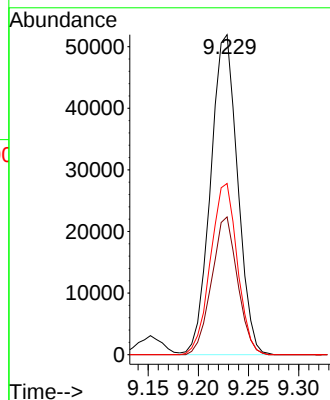
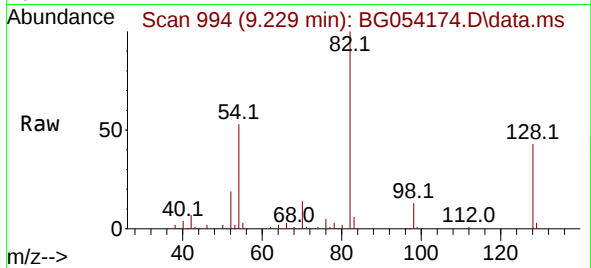




#23
Nitrobenzene-d5
Concen: 70.345 ng
RT: 9.229 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

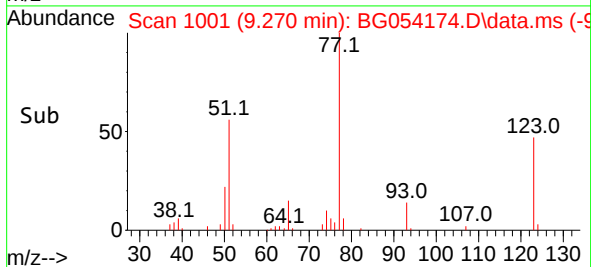
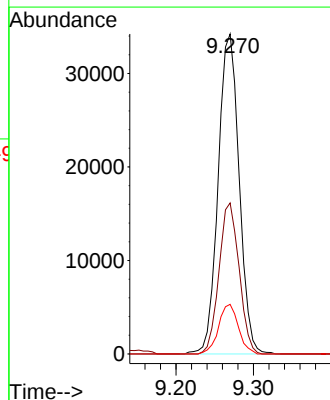
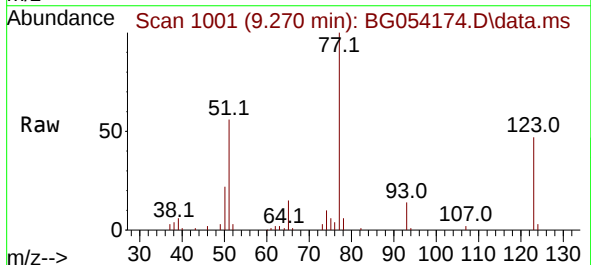
Instrument :
BNA_G
ClientSampleId :
V-1MS

Tgt Ion: 82 Resp: 97271
Ion Ratio Lower Upper
82 100
128 43.0 27.9 41.9#
54 53.5 41.2 61.8



#24
Nitrobenzene
Concen: 47.351 ng
RT: 9.270 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion: 77 Resp: 64476
Ion Ratio Lower Upper
77 100
123 47.2 27.4 41.0#
65 15.5 11.4 17.0

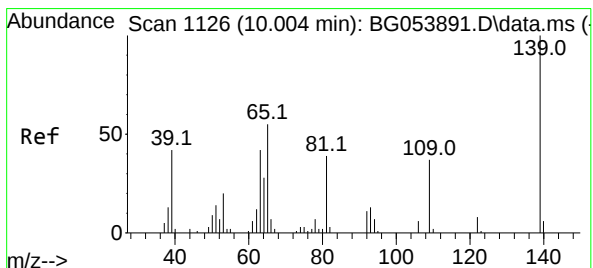
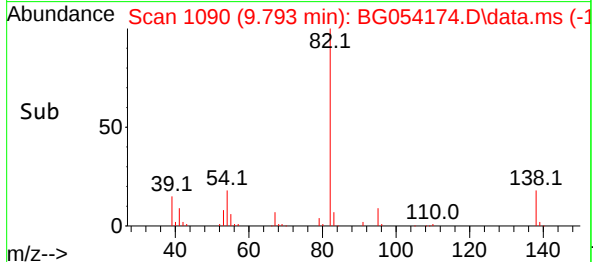
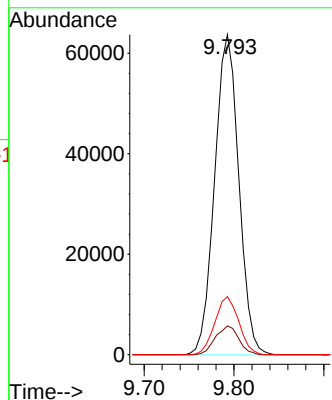
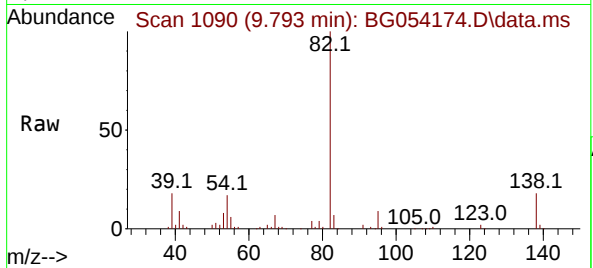




#25
Isophorone
Concen: 45.988 ng
RT: 9.793 min Scan# 110
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

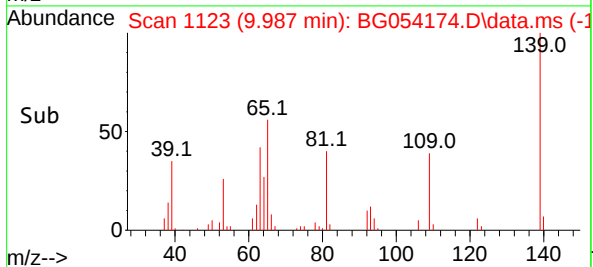
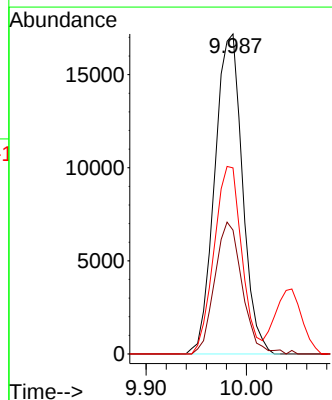
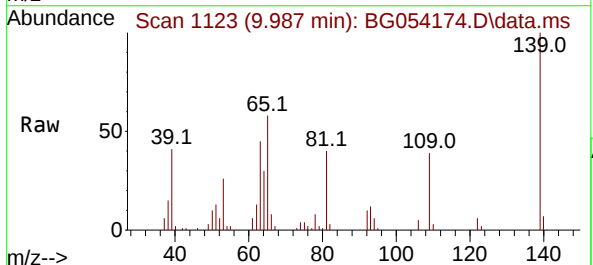
Instrument :
BNA_G
ClientSampleId :
V-1MS

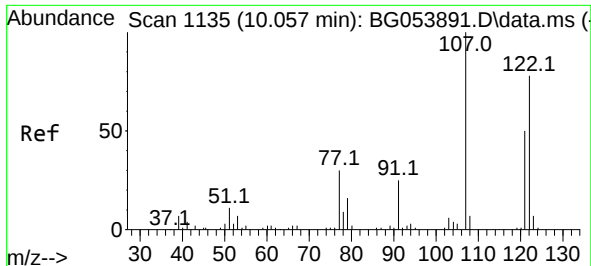
Tgt Ion: 82 Resp: 118762
Ion Ratio Lower Upper
82 100
95 9.0 6.2 9.4
138 18.2 11.6 17.4#



#26
2-Nitrophenol
Concen: 54.740 ng
RT: 9.987 min Scan# 1123
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion: 139 Resp: 32922
Ion Ratio Lower Upper
139 100
109 38.7 36.1 54.1
65 58.1 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 57.146 ng

RT: 10.039 min Scan# 1132

Delta R.T. -0.005 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

Instrument :

BNA_G

ClientSampleId :

V-1MS

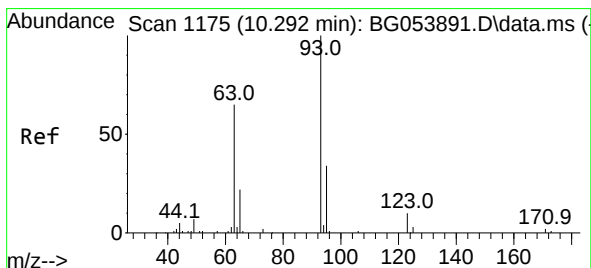
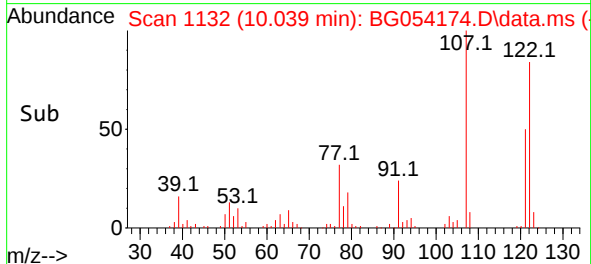
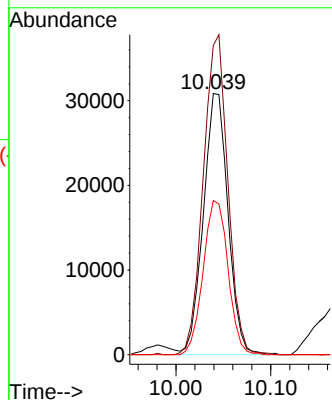
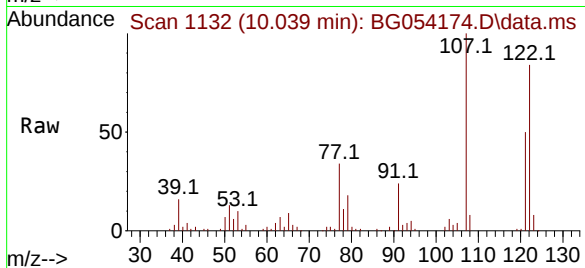
Tgt Ion:122 Resp: 55629

Ion Ratio Lower Upper

122 100

107 118.4 109.4 164.0

121 59.0 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.981 ng

RT: 10.269 min Scan# 1171

Delta R.T. -0.011 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

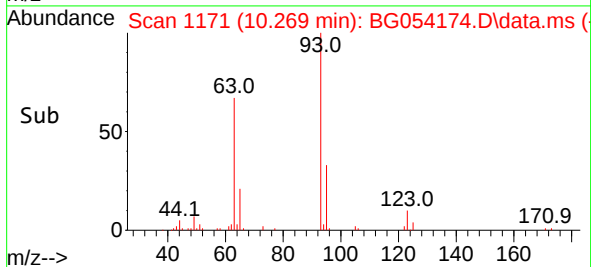
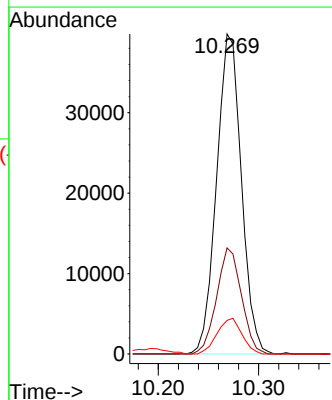
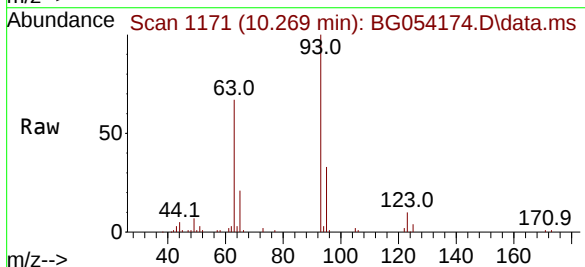
Tgt Ion: 93 Resp: 68143

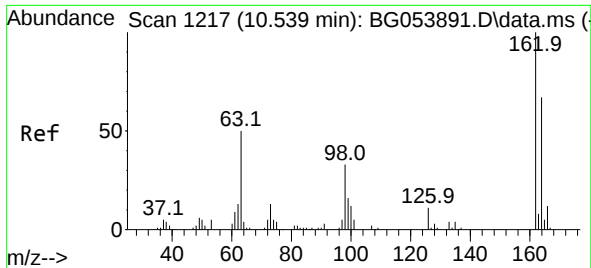
Ion Ratio Lower Upper

93 100

95 33.1 26.9 40.3

123 10.5 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 53.706 ng

RT: 10.521 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

Instrument :

BNA_G

ClientSampleId :

V-1MS

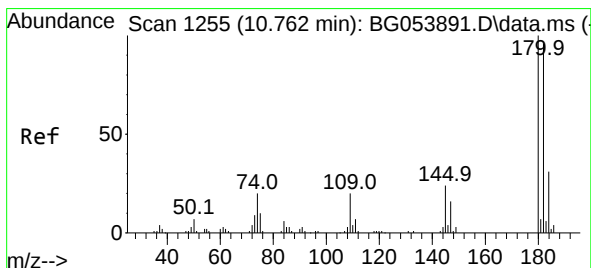
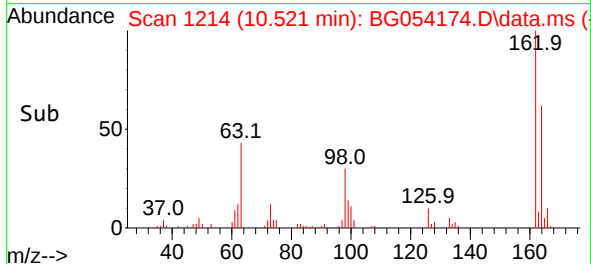
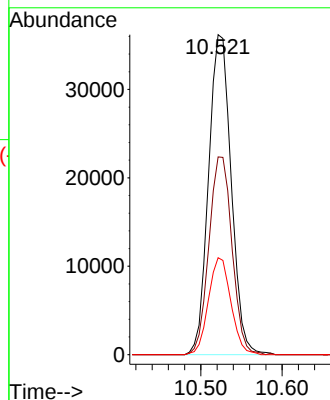
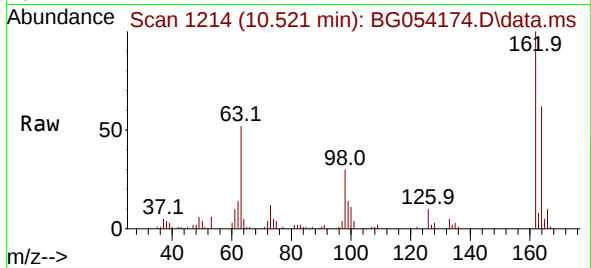
Tgt Ion:162 Resp: 70095

Ion Ratio Lower Upper

162 100

164 61.8 46.6 86.6

98 30.3 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 47.330 ng

RT: 10.739 min Scan# 1251

Delta R.T. -0.005 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

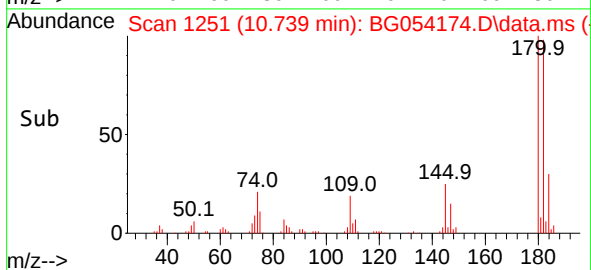
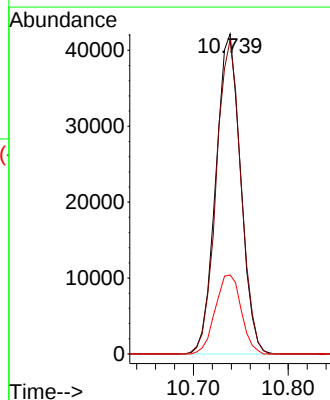
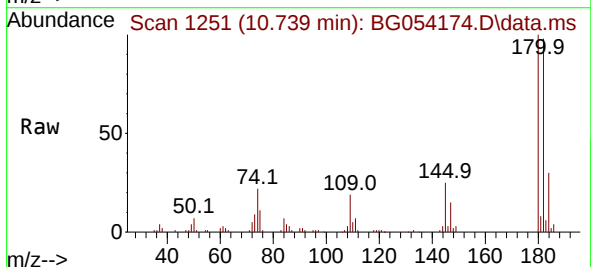
Tgt Ion:180 Resp: 76489

Ion Ratio Lower Upper

180 100

182 98.1 76.6 115.0

145 24.7 25.0 37.4#

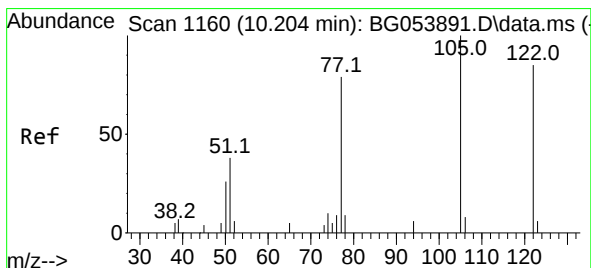
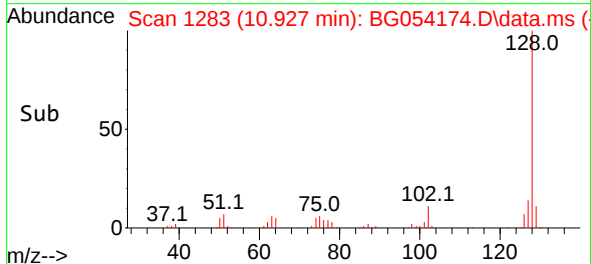
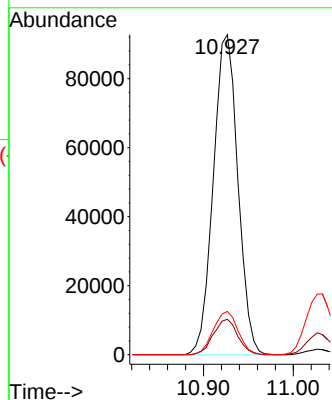
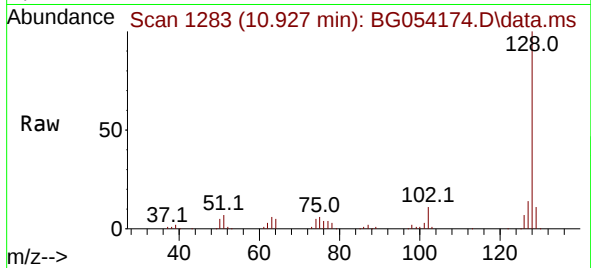




#31
Naphthalene
Concen: 44.853 ng
RT: 10.927 min Scan# 1158
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

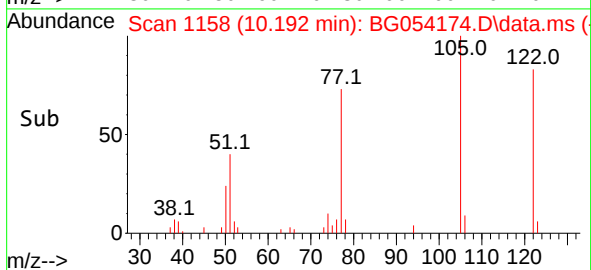
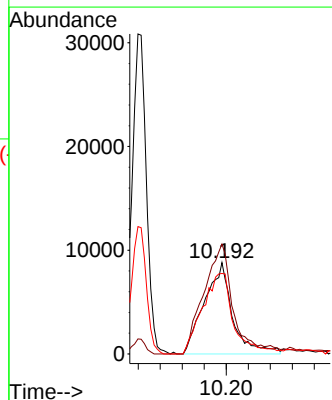
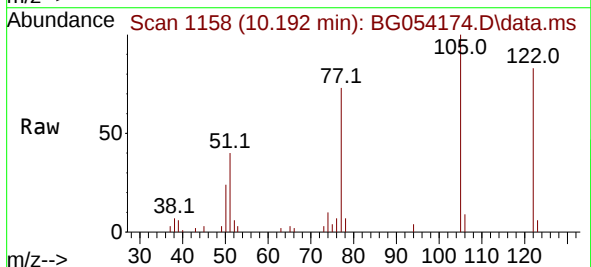
Instrument :
BNA_G
ClientSampleId :
V-1MS

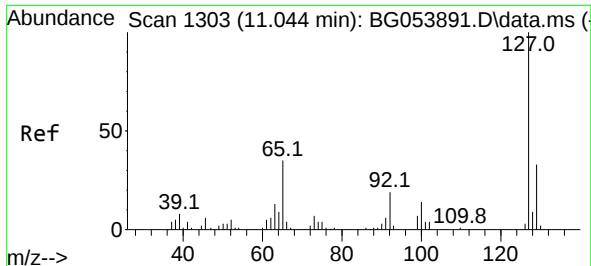
Tgt Ion:128 Resp: 175948
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 67.759 ng
RT: 10.192 min Scan# 1158
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:122 Resp: 31312
Ion Ratio Lower Upper
122 100
105 120.3 111.8 151.8
77 88.2 109.4 149.4#

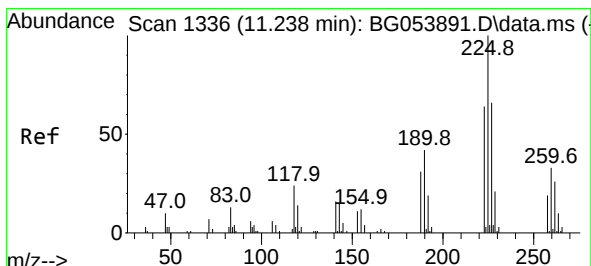
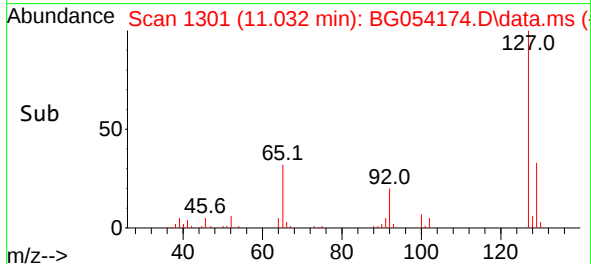
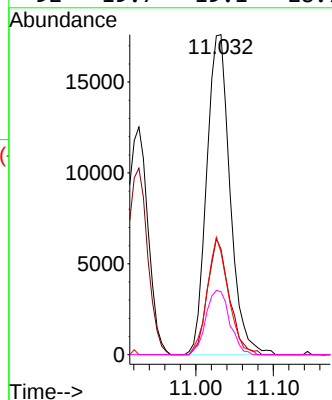
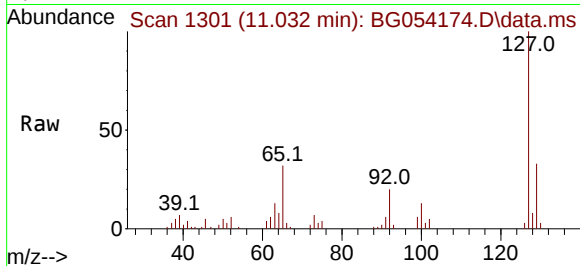




#33
4-Chloroaniline
Concen: 22.625 ng
RT: 11.032 min Scan# 11032
Delta R.T. 0.001 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

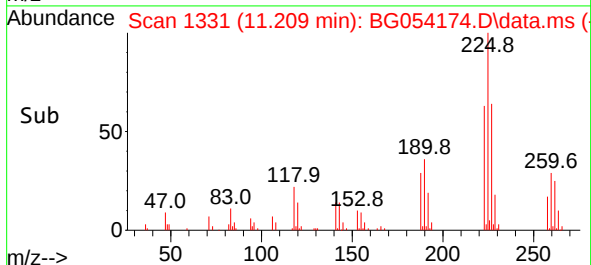
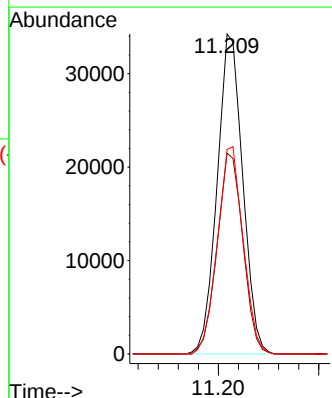
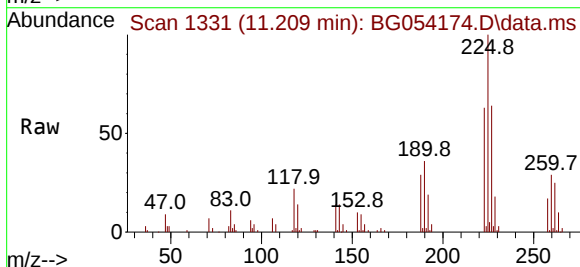
Instrument :
BNA_G
ClientSampleId :
V-1MS

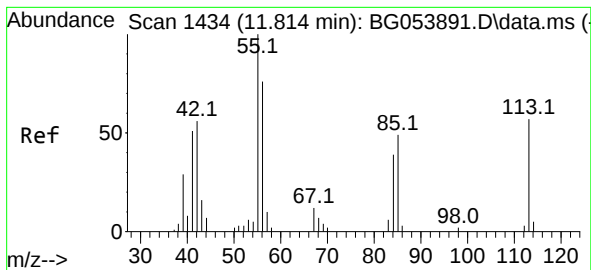
Tgt Ion:127	Resp:	36820
Ion Ratio	Lower	Upper
127	100	
129	33.0	26.3 39.5
65	32.1	31.1 46.7
92	19.7	19.1 28.7



#34
Hexachlorobutadiene
Concen: 48.635 ng
RT: 11.209 min Scan# 1331
Delta R.T. -0.011 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:225	Resp:	60428
Ion Ratio	Lower	Upper
225	100	
223	59.7	48.9 73.3
227	60.8	52.8 79.2





#35

Caprolactam

Concen: 30.612 ng

RT: 11.796 min Scan# 1431

Delta R.T. 0.007 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

Instrument :

BNA_G

ClientSampleId :

V-1MS

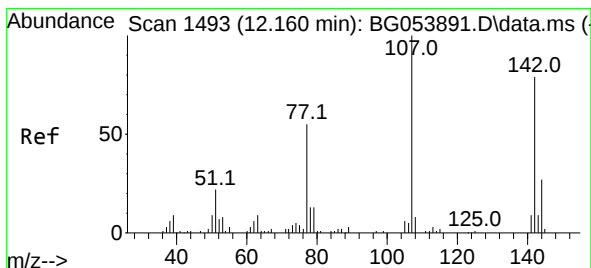
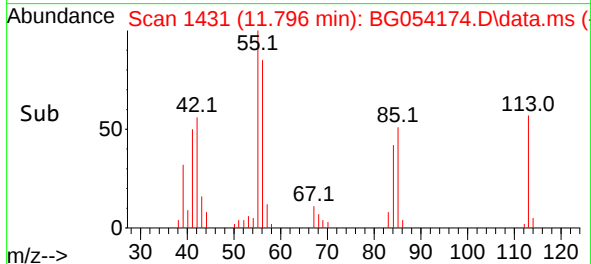
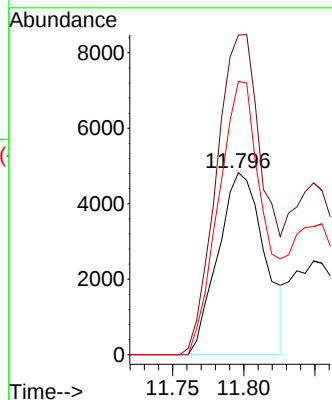
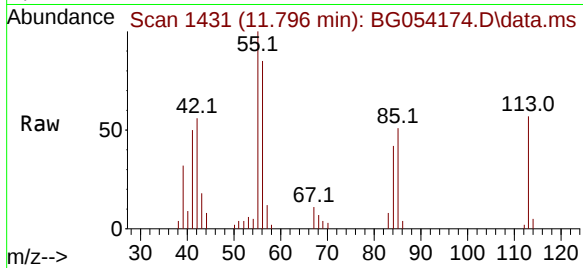
Tgt Ion:113 Resp: 10999

Ion Ratio Lower Upper

113 100

55 175.5 169.8 209.8

56 150.0 141.2 181.2



#36

4-Chloro-3-methylphenol

Concen: 53.216 ng

RT: 12.155 min Scan# 1492

Delta R.T. 0.001 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

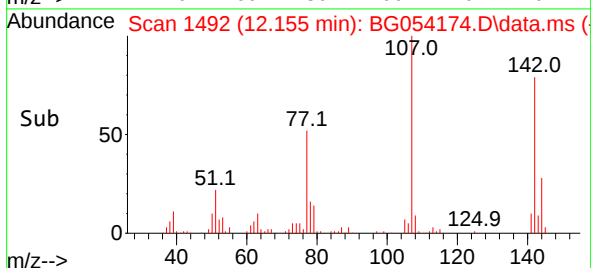
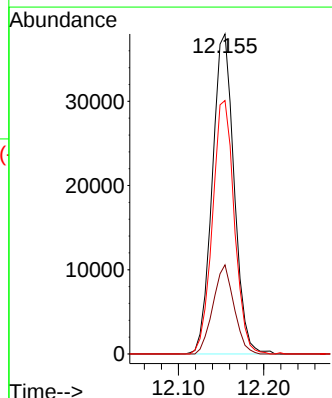
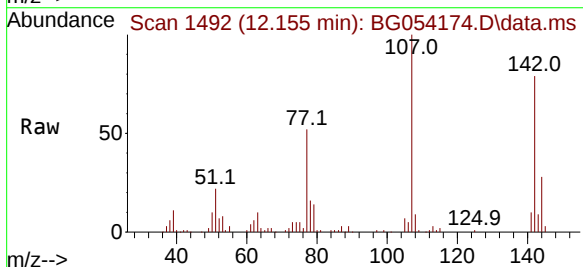
Tgt Ion:107 Resp: 67519

Ion Ratio Lower Upper

107 100

144 27.8 18.5 27.7#

142 79.2 55.0 82.4





#37

2-Methylnaphthalene

Concen: 46.331 ng

RT: 12.525 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

Instrument :

BNA_G

ClientSampleId :

V-1MS

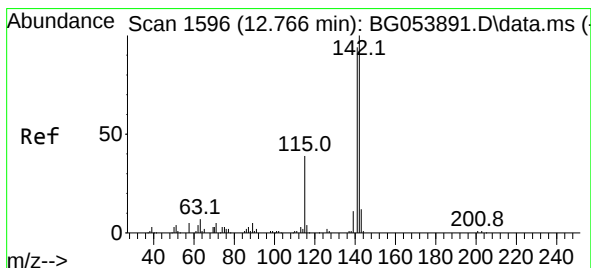
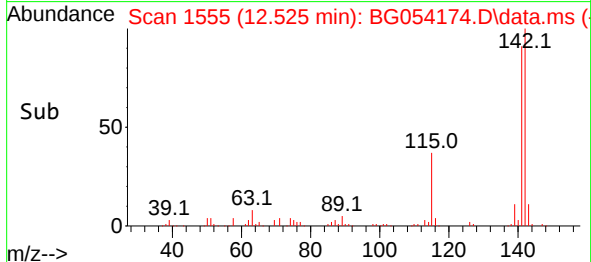
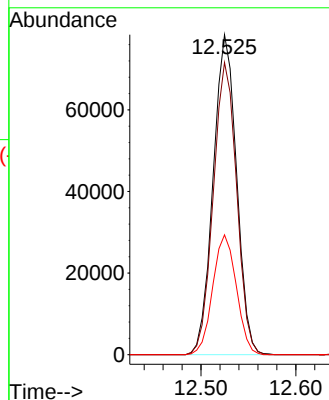
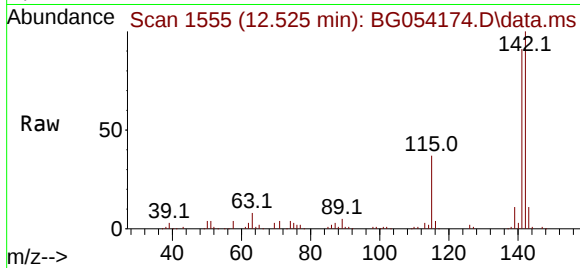
Tgt Ion:142 Resp: 134469

Ion Ratio Lower Upper

142 100

141 91.3 72.3 108.5

115 37.4 33.7 50.5



#38

1-Methylnaphthalene

Concen: 44.824 ng

RT: 12.742 min Scan# 1592

Delta R.T. -0.005 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

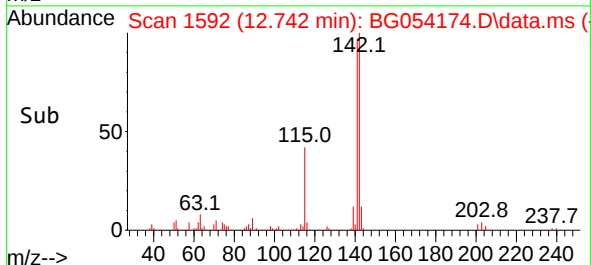
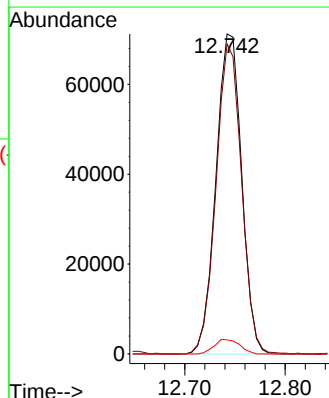
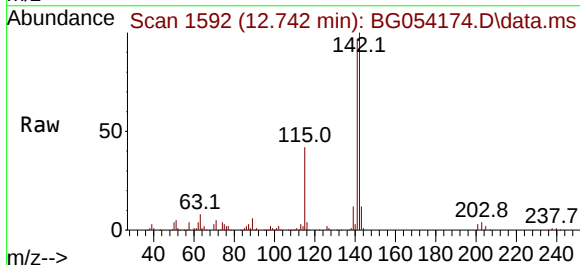
Tgt Ion:142 Resp: 126674

Ion Ratio Lower Upper

142 100

141 96.9 76.4 114.6

116 4.4 3.3 4.9

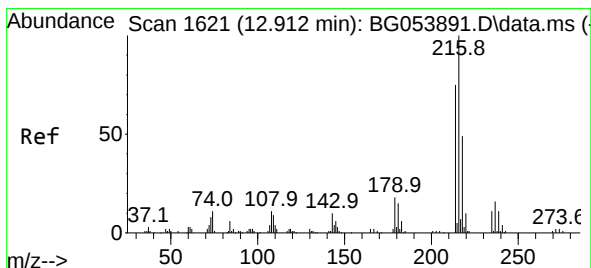
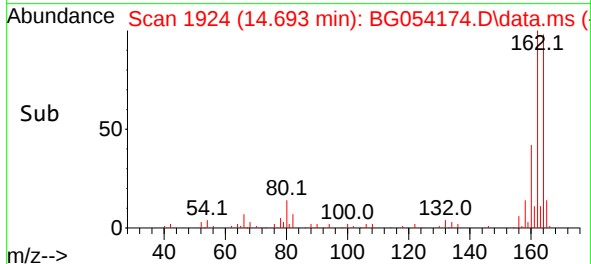
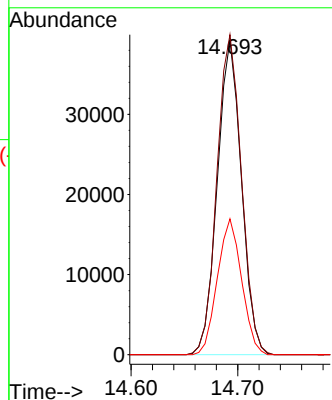
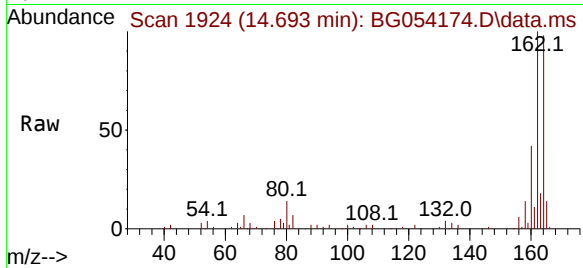




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.693 min Scan# 1924
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

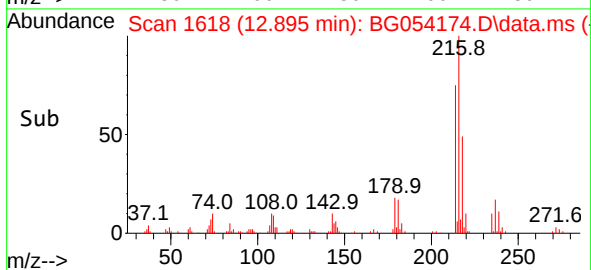
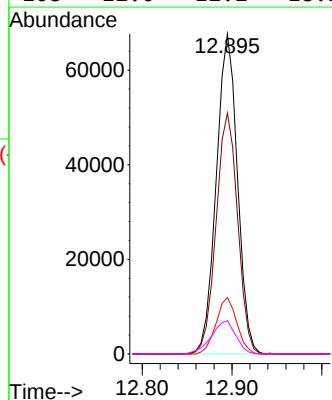
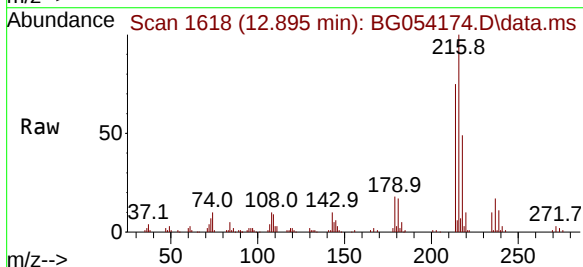
Instrument :
BNA_G
ClientSampleId :
V-1MS

Tgt Ion:164 Resp: 61667
Ion Ratio Lower Upper
164 100
162 101.6 82.3 123.5
160 43.1 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.597 ng
RT: 12.895 min Scan# 1618
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:216 Resp: 110722
Ion Ratio Lower Upper
216 100
214 76.3 62.9 94.3
179 17.3 16.1 24.1
108 12.0 12.2 18.2#

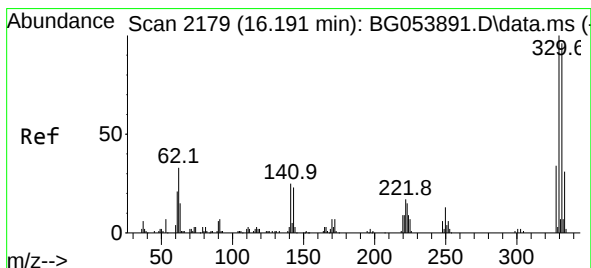
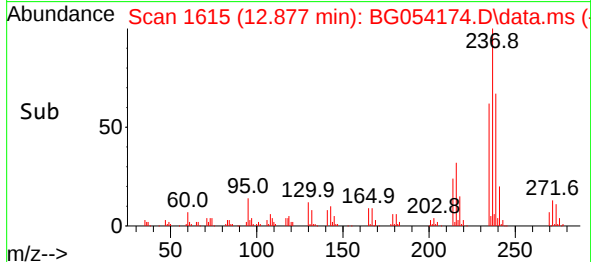
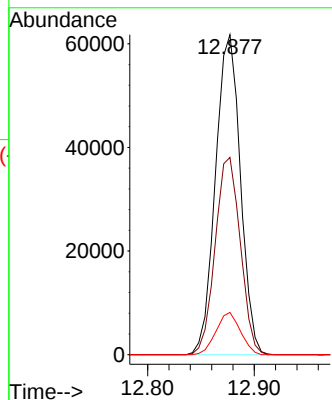
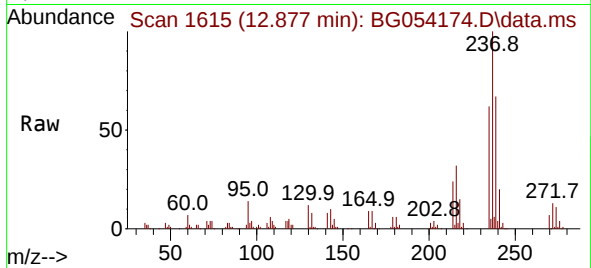




#41
Hexachlorocyclopentadiene
Concen: 90.517 ng
RT: 12.877 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

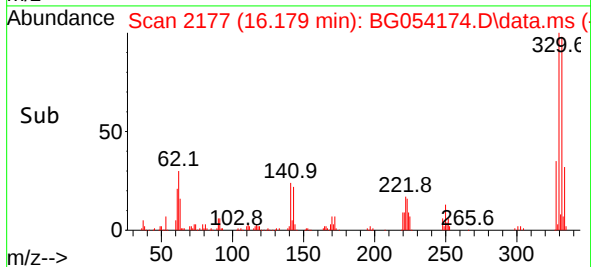
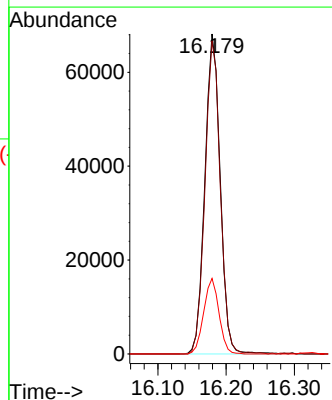
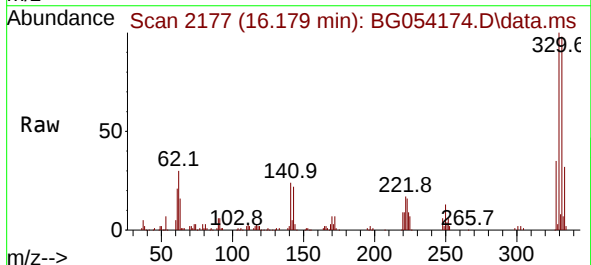
Instrument :
BNA_G
ClientSampleId :
V-1MS

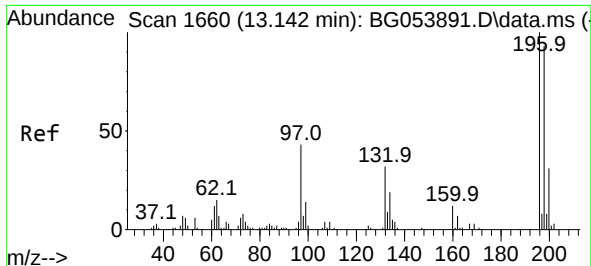
Tgt Ion:237 Resp: 100152
Ion Ratio Lower Upper
237 100
235 61.7 43.5 83.5
272 13.2 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 107.721 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:330 Resp: 106729
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 23.4 27.1 40.7#

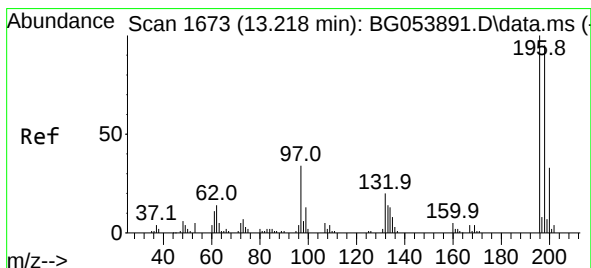
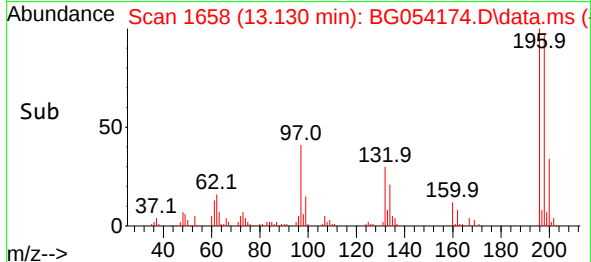
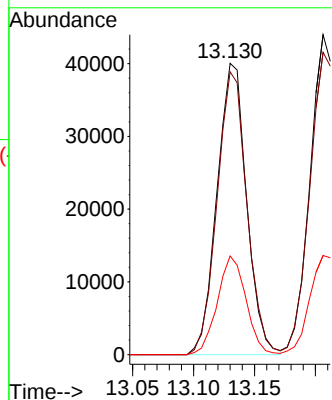
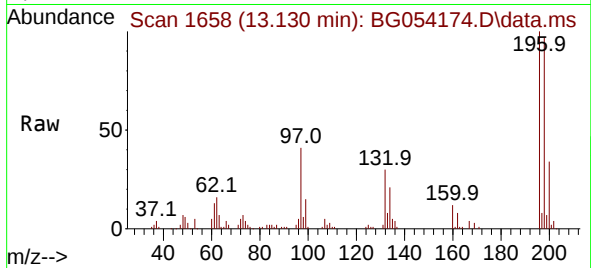




#43
2,4,6-Trichlorophenol
Concen: 50.726 ng
RT: 13.130 min Scan# 1658
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

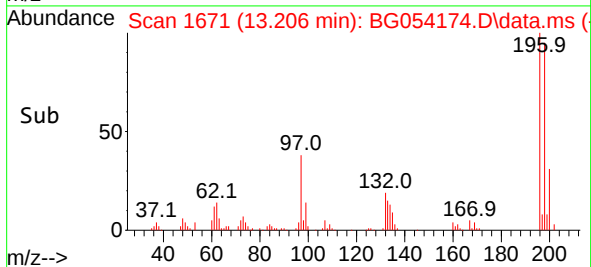
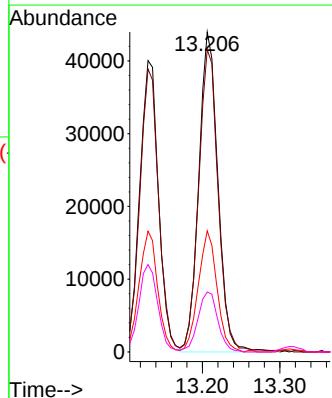
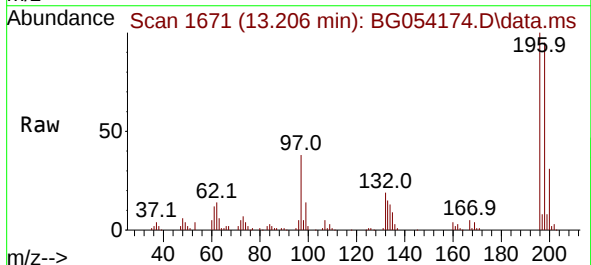
Instrument :
BNA_G
ClientSampleId :
V-1MS

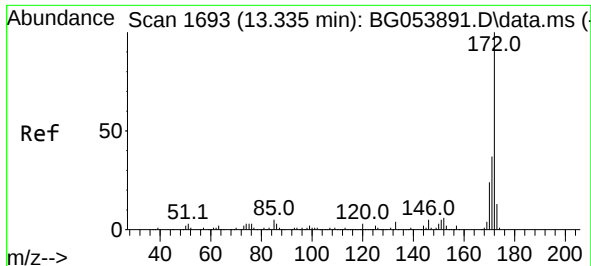
Tgt Ion:196 Resp: 67706
Ion Ratio Lower Upper
196 100
198 97.1 74.1 111.1
200 33.9 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 50.650 ng
RT: 13.206 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:196 Resp: 75485
Ion Ratio Lower Upper
196 100
198 94.5 76.8 115.2
97 37.8 39.8 59.6#
132 18.8 18.4 27.6

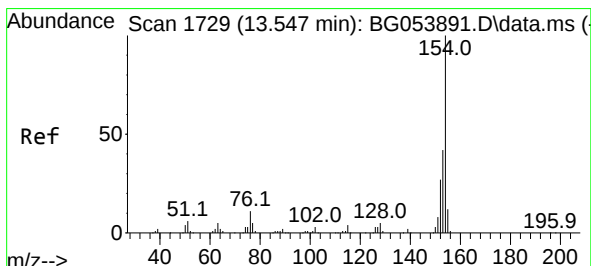
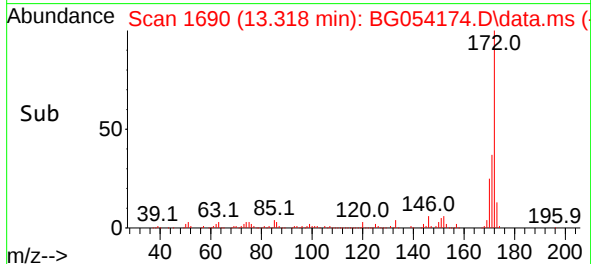
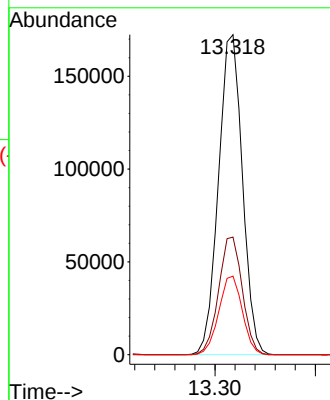
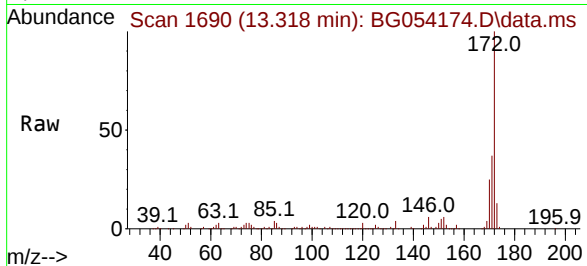




#45
2-Fluorobiphenyl
Concen: 67.136 ng
RT: 13.318 min Scan# 1690
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

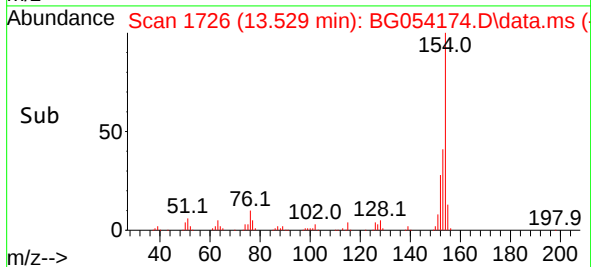
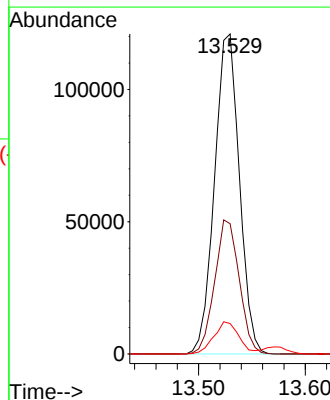
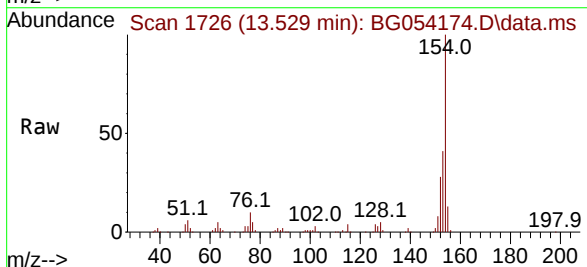
Instrument :
BNA_G
ClientSampleId :
V-1MS

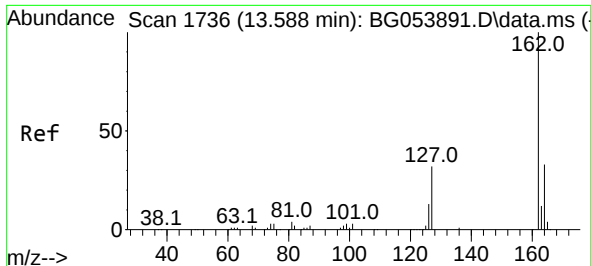
Tgt Ion:172 Resp: 284711
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 24.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.496 ng
RT: 13.529 min Scan# 1726
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:154 Resp: 195428
Ion Ratio Lower Upper
154 100
153 40.7 21.6 61.6
76 9.5 0.0 32.6





#47

2-Chloronaphthalene

Concen: 45.625 ng

RT: 13.571 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

Instrument :

BNA_G

ClientSampleId :

V-1MS

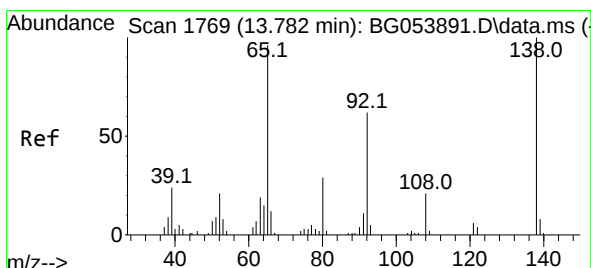
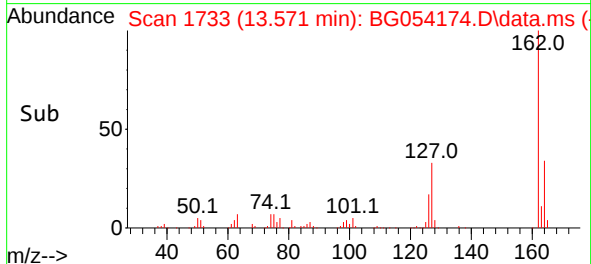
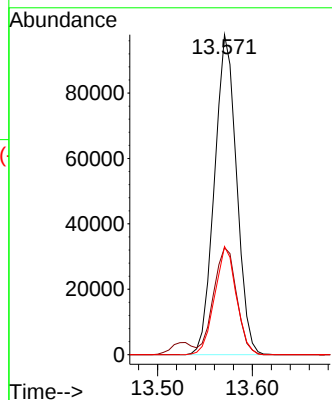
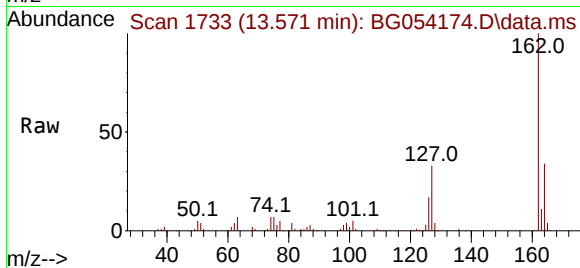
Tgt Ion:162 Resp: 158606

Ion Ratio Lower Upper

162 100

127 33.5 30.6 45.8

164 33.8 26.5 39.7



#48

2-Nitroaniline

Concen: 49.593 ng

RT: 13.770 min Scan# 1767

Delta R.T. 0.001 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

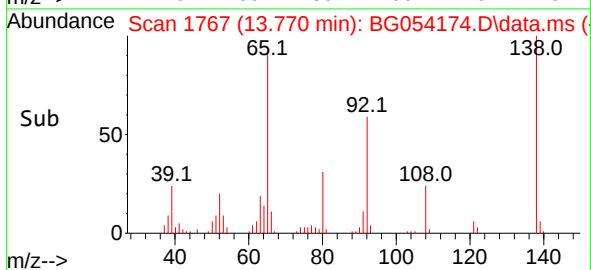
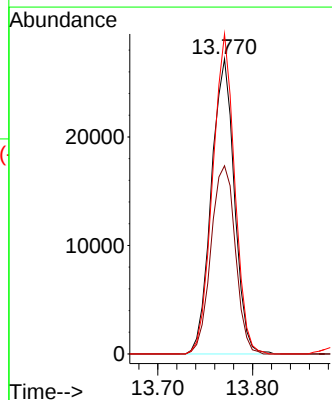
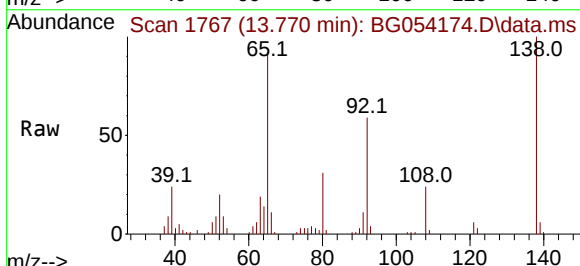
Tgt Ion: 65 Resp: 45860

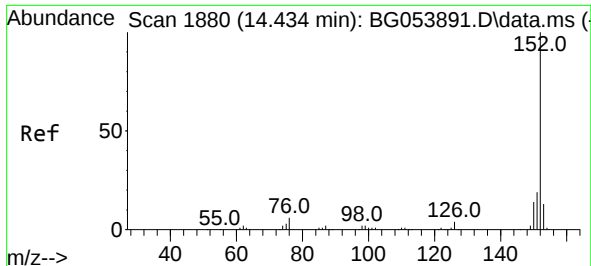
Ion Ratio Lower Upper

65 100

92 63.8 51.5 77.3

138 108.5 71.3 106.9#

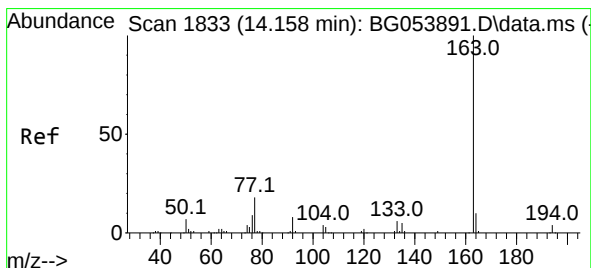
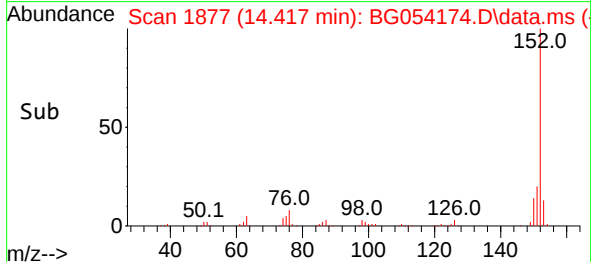
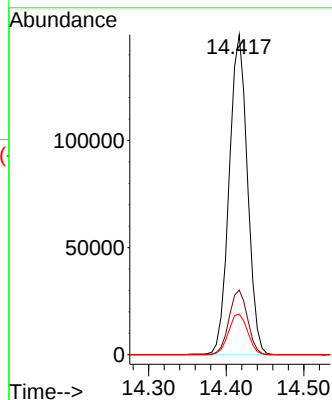
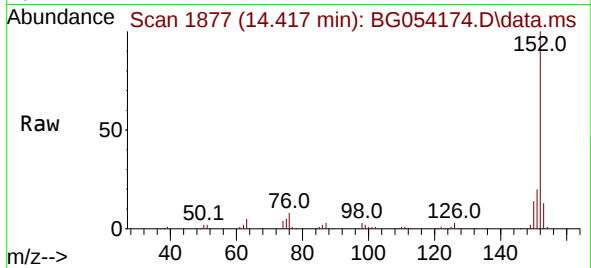




#49
Acenaphthylene
Concen: 45.191 ng
RT: 14.417 min Scan# 1877
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

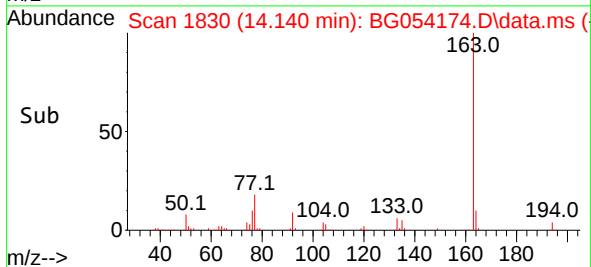
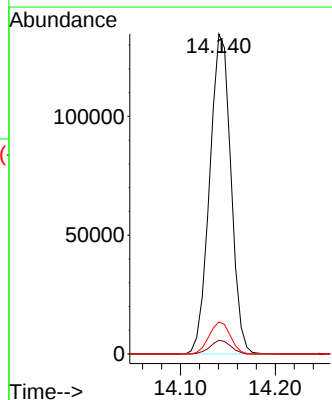
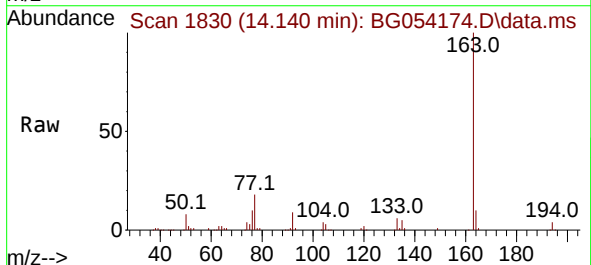
Instrument :
BNA_G
ClientSampleId :
V-1MS

Tgt Ion:152 Resp: 244281
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.7 10.8 16.2



#50
Dimethylphthalate
Concen: 44.571 ng
RT: 14.140 min Scan# 1830
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:163 Resp: 209328
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.0 8.0 12.0

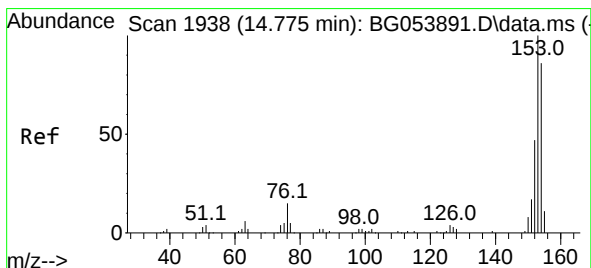
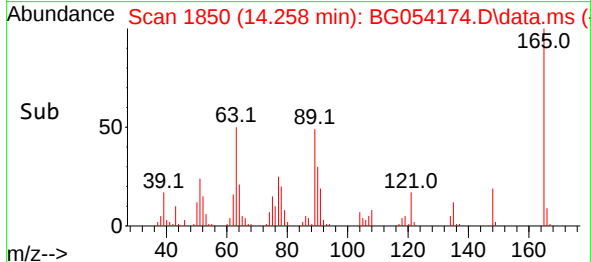
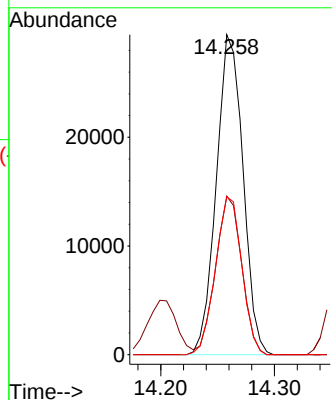
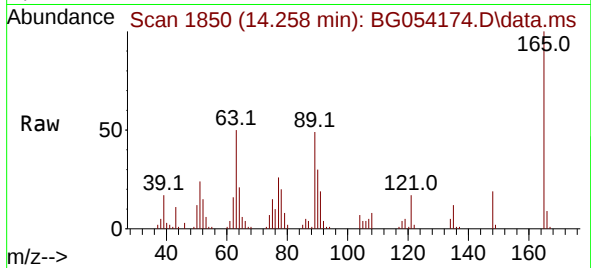




#51
2,6-Dinitrotoluene
Concen: 50.553 ng
RT: 14.258 min Scan# 1850
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

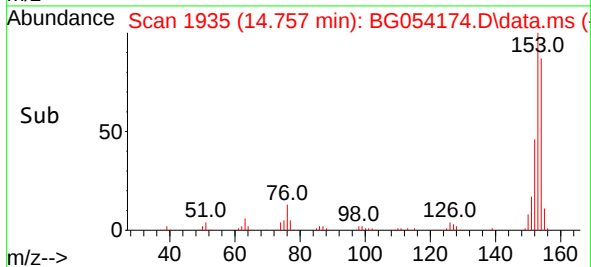
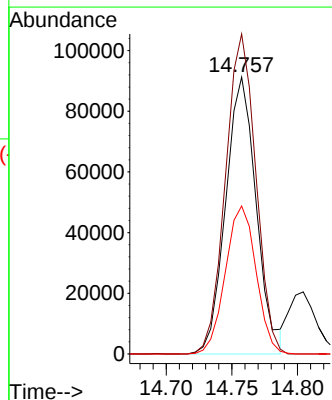
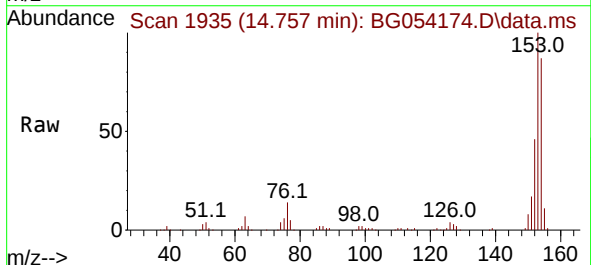
Instrument :
BNA_G
ClientSampleId :
V-1MS

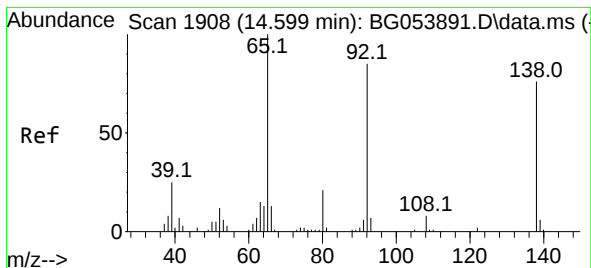
Tgt Ion:165 Resp: 47969
Ion Ratio Lower Upper
165 100
63 49.6 54.1 81.1#
89 49.3 54.8 82.2#



#52
Acenaphthene
Concen: 42.886 ng
RT: 14.757 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:154 Resp: 147770
Ion Ratio Lower Upper
154 100
153 115.6 92.7 139.1
152 53.5 42.6 64.0

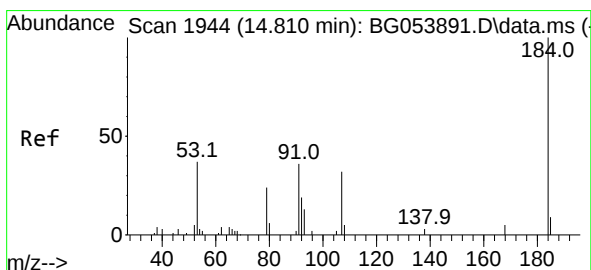
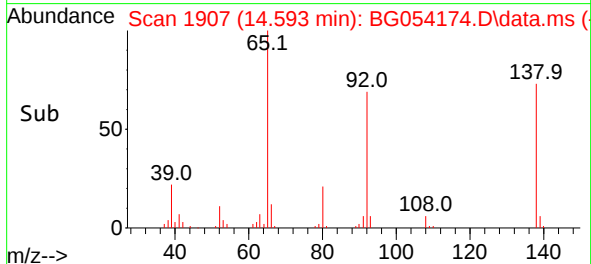
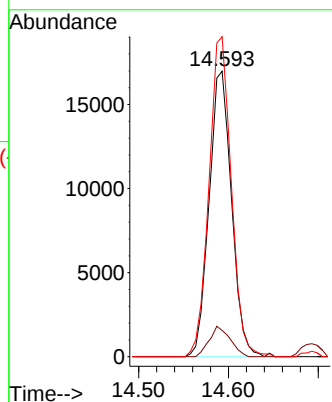
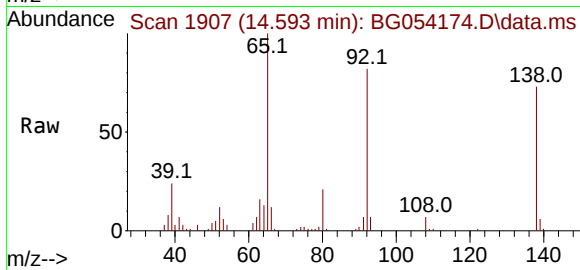




#53
3-Nitroaniline
Concen: 32.030 ng
RT: 14.593 min Scan# 1907
Delta R.T. 0.001 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

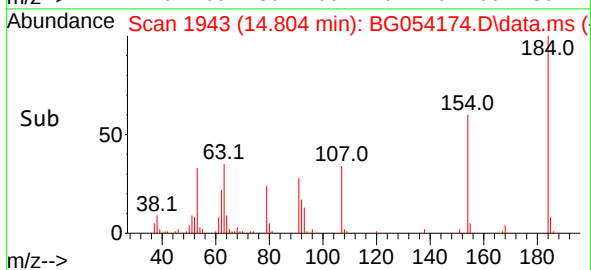
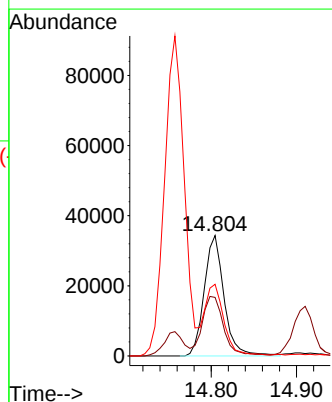
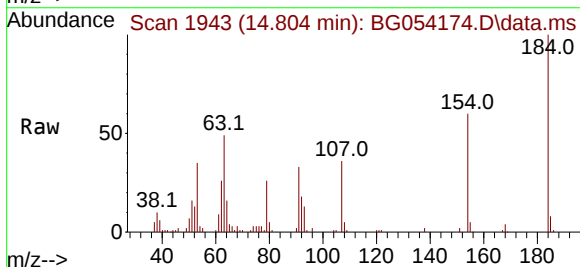
Instrument :
BNA_G
ClientSampleId :
V-1MS

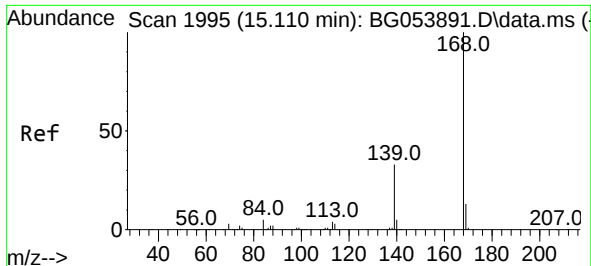
Tgt Ion:138 Resp: 29445
Ion Ratio Lower Upper
138 100
108 9.2 9.2 13.8
92 112.1 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 103.976 ng
RT: 14.804 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:184 Resp: 55653
Ion Ratio Lower Upper
184 100
63 48.6 61.1 91.7#
154 59.5 60.6 91.0#

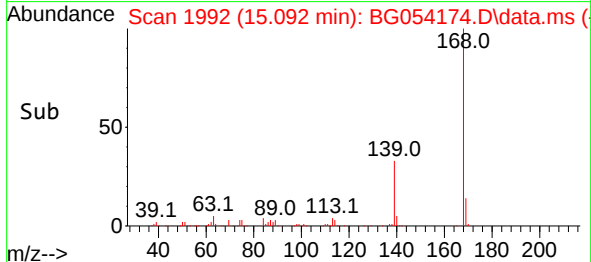
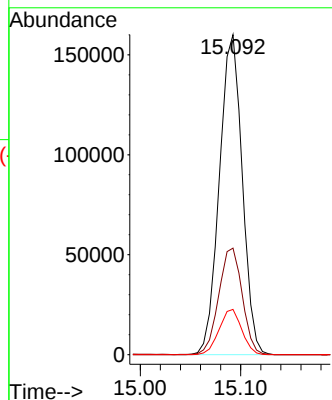
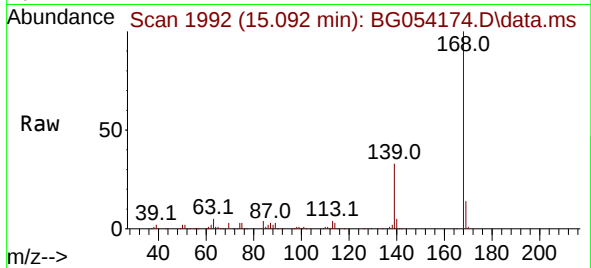




#55
Dibenzenofuran
Concen: 45.522 ng
RT: 15.092 min Scan# 1992
Delta R.T. 0.001 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

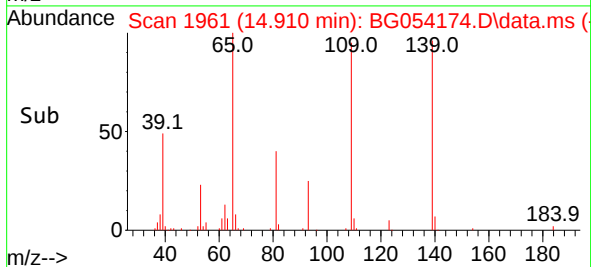
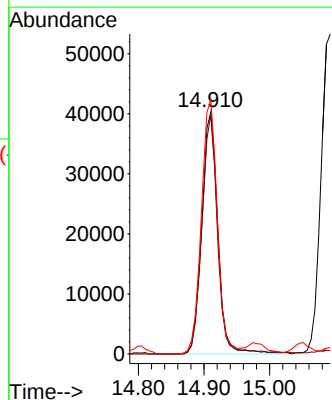
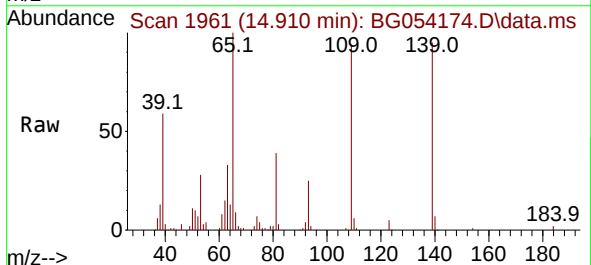
Instrument :
BNA_G
ClientSampleId :
V-1MS

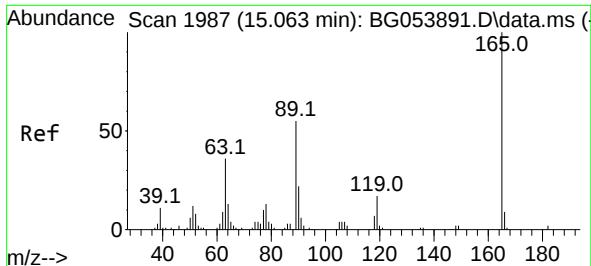
Tgt Ion:168 Resp: 252718
Ion Ratio Lower Upper
168 100
139 33.3 30.5 45.7
169 14.1 10.3 15.5



#56
4-Nitrophenol
Concen: 104.378 ng
RT: 14.910 min Scan# 1961
Delta R.T. 0.013 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:139 Resp: 68124
Ion Ratio Lower Upper
139 100
109 98.9 88.5 128.5
65 105.5 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 52.238 ng

RT: 15.051 min Scan# 1985

Delta R.T. 0.001 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

Instrument :

BNA_G

ClientSampleId :

V-1MS

Tgt Ion:165 Resp: 70004

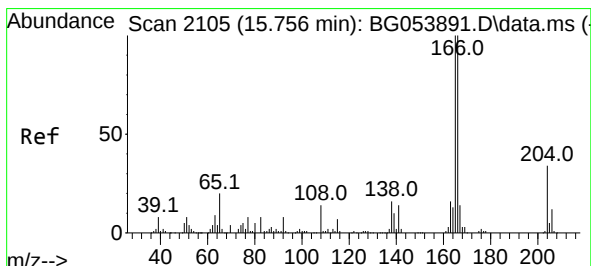
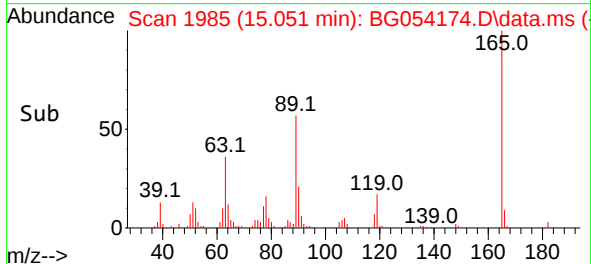
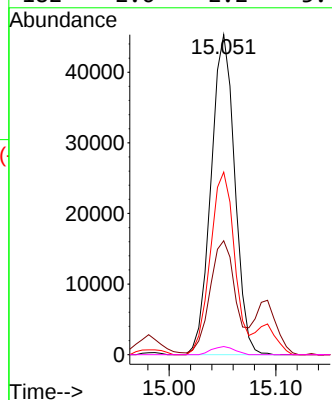
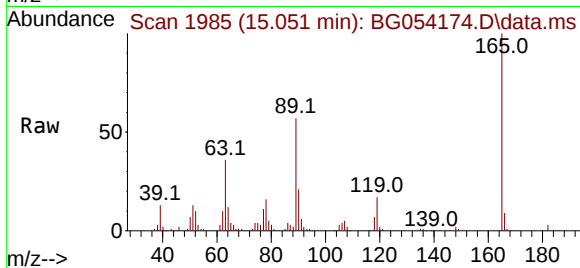
Ion Ratio Lower Upper

165 100

63 35.6 34.6 52.0

89 57.1 60.3 90.5#

182 2.6 2.2 3.4



#58

Fluorene

Concen: 46.089 ng

RT: 15.739 min Scan# 2102

Delta R.T. -0.005 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

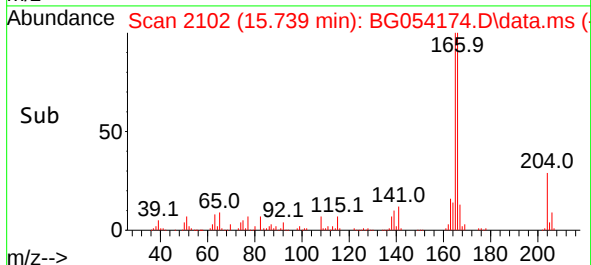
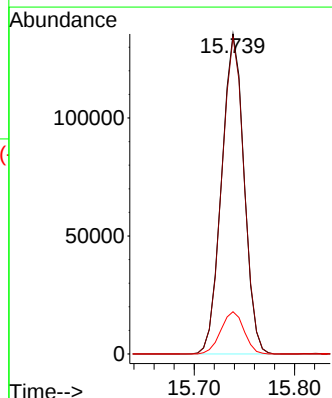
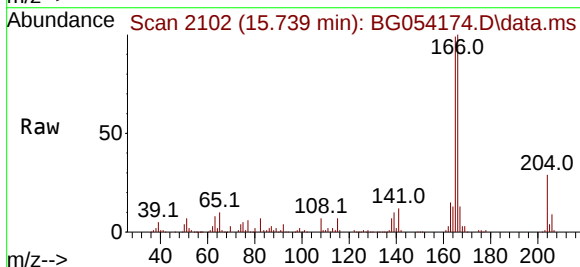
Tgt Ion:166 Resp: 210080

Ion Ratio Lower Upper

166 100

165 99.1 75.0 112.6

167 13.2 10.8 16.2

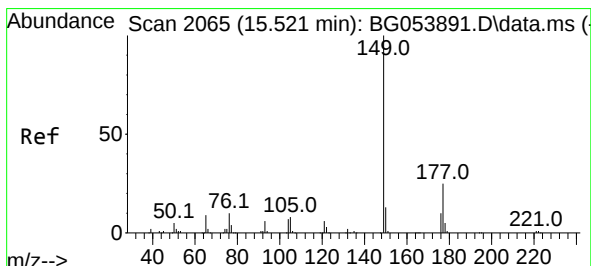
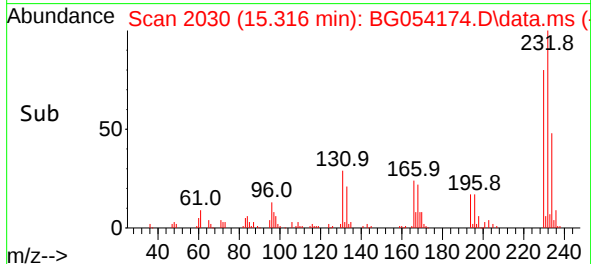
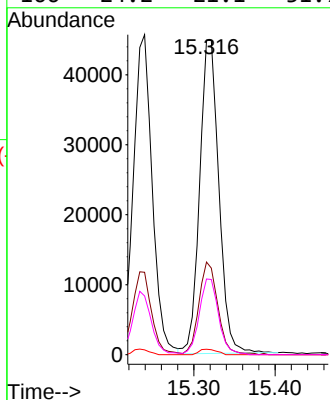
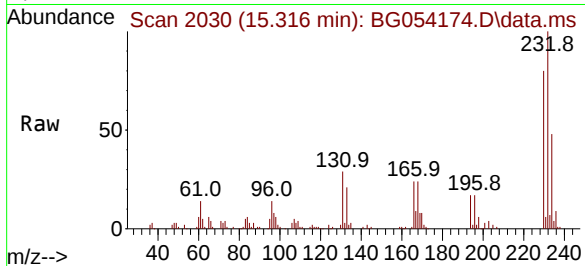




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.404 ng
RT: 15.316 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

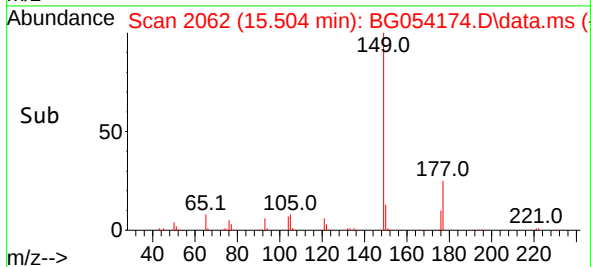
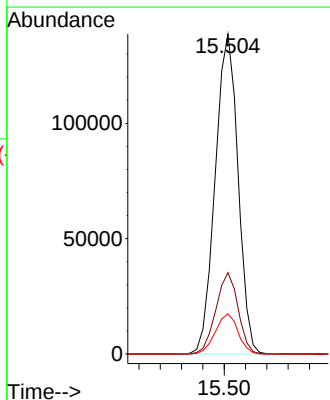
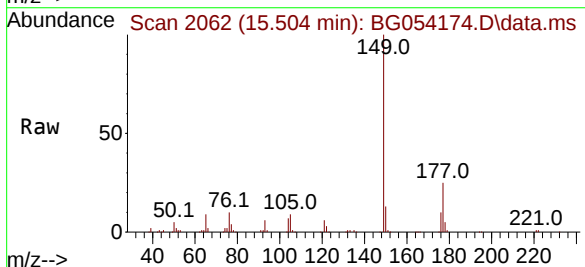
Instrument :
BNA_G
ClientSampleId :
V-1MS

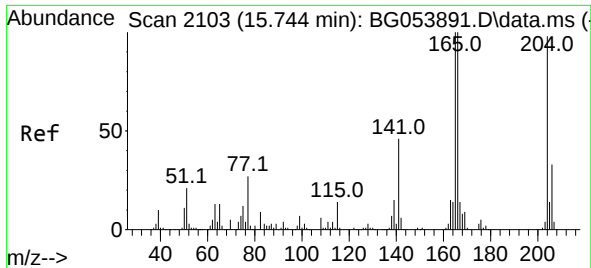
Tgt Ion:232 Resp: 73462
Ion Ratio Lower Upper
232 100
131 29.2 30.6 46.0#
130 1.6 1.8 2.8#
166 24.2 21.1 31.7



#60
Diethylphthalate
Concen: 45.217 ng
RT: 15.504 min Scan# 2062
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:149 Resp: 205655
Ion Ratio Lower Upper
149 100
177 25.4 18.4 27.6
150 12.5 11.2 16.8

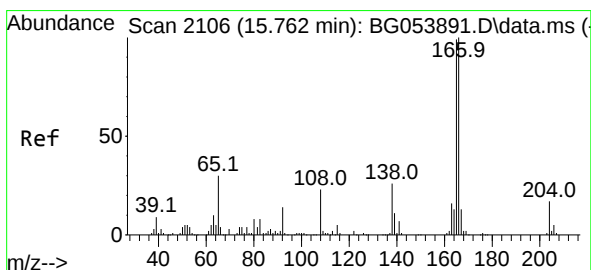
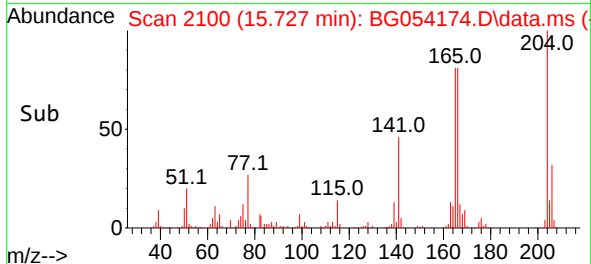
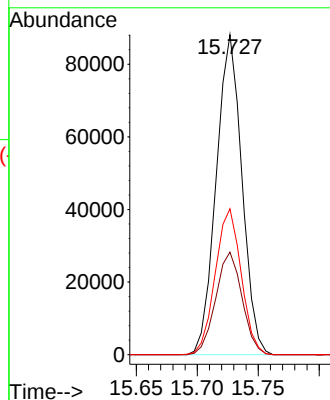
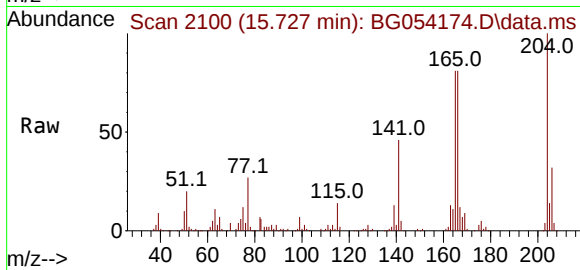




#61
4-Chlorophenyl-phenylether
Concen: 47.361 ng
RT: 15.727 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

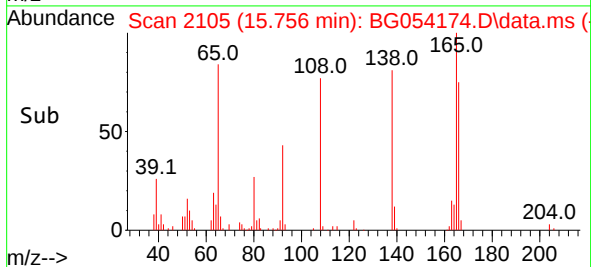
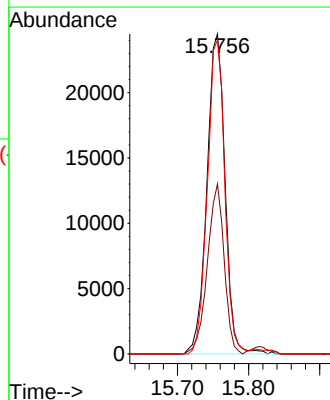
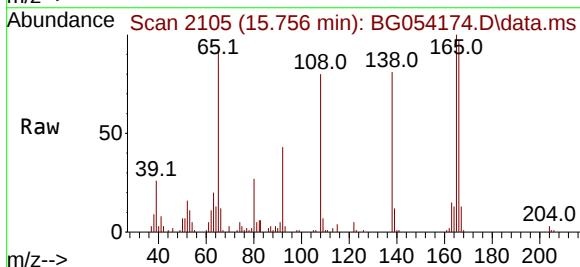
Instrument :
BNA_G
ClientSampleId :
V-1MS

Tgt Ion:204 Resp: 129243
Ion Ratio Lower Upper
204 100
206 32.1 27.5 41.3
141 45.6 45.3 67.9



#62
4-Nitroaniline
Concen: 45.362 ng
RT: 15.756 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:138 Resp: 43488
Ion Ratio Lower Upper
138 100
92 53.1 40.5 80.5
108 98.2 103.7 143.7#

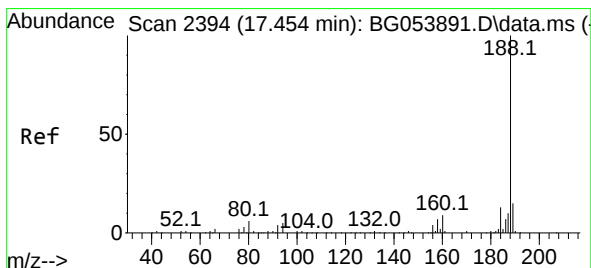
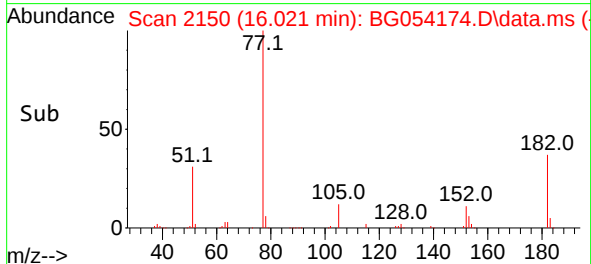
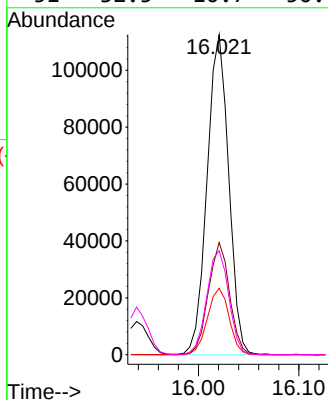
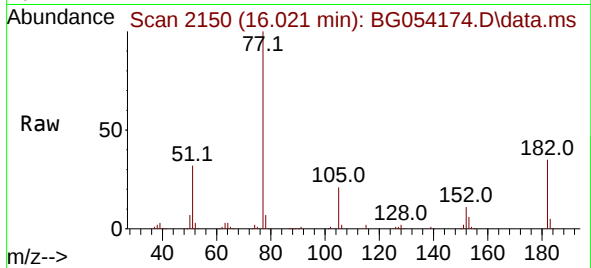




#63
Azobenzene
Concen: 46.054 ng
RT: 16.021 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

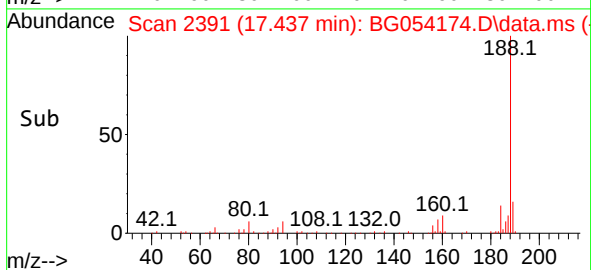
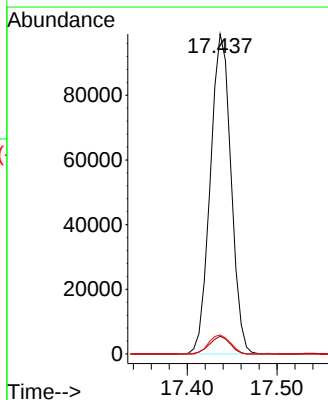
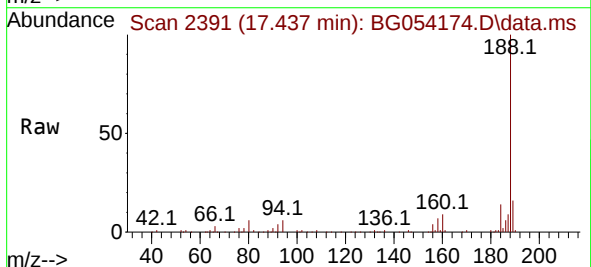
Instrument :
BNA_G
ClientSampleId :
V-1MS

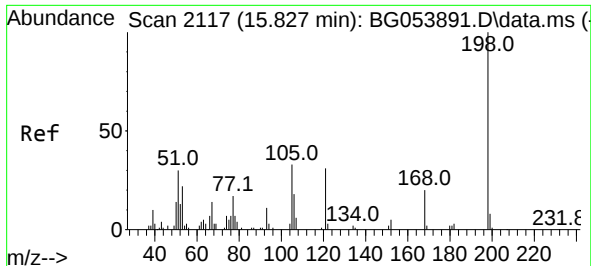
Tgt Ion: 77	Resp: 168606
Ion Ratio	Lower Upper
77 100	
182 35.1	3.8 43.8
105 20.8	0.0 37.8
51 32.5	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.437 min Scan# 2391
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:188	Resp: 158459
Ion Ratio	Lower Upper
188 100	
94 5.6	5.4 8.0
80 6.0	6.8 10.2#

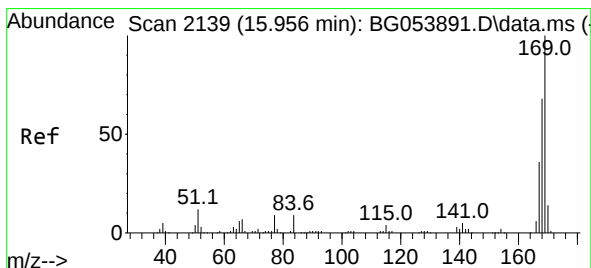
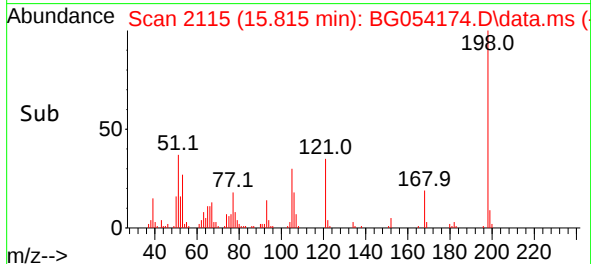
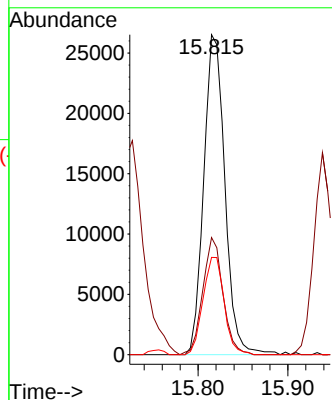
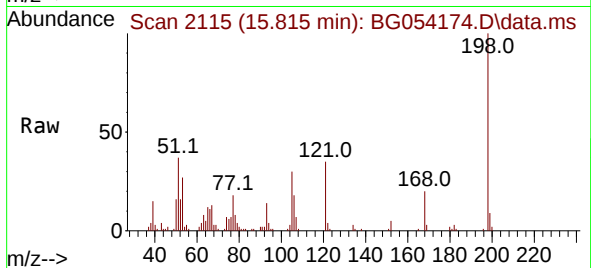




#65
4,6-Dinitro-2-methylphenol
Concen: 54.802 ng
RT: 15.815 min Scan# 2115
Delta R.T. 0.001 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

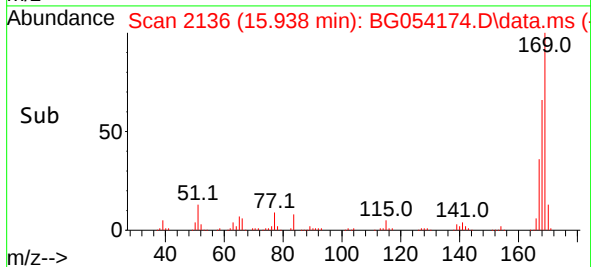
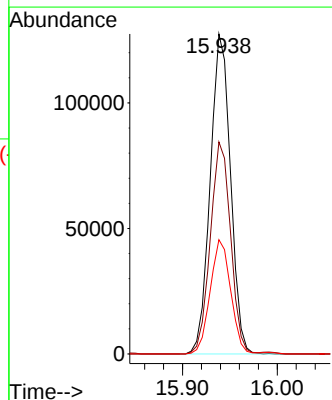
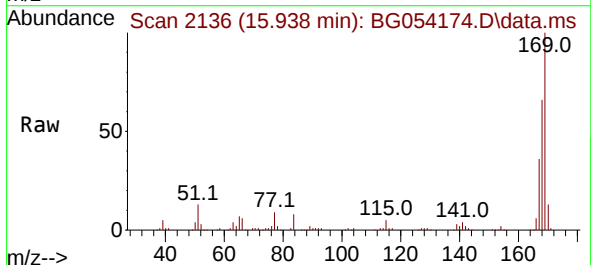
Instrument :
BNA_G
ClientSampleId :
V-1MS

Tgt Ion:198 Resp: 43324
Ion Ratio Lower Upper
198 100
51 36.6 28.1 68.1
105 30.4 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 45.845 ng
RT: 15.938 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:169 Resp: 189327
Ion Ratio Lower Upper
169 100
168 66.2 55.9 83.9
167 35.7 30.6 46.0

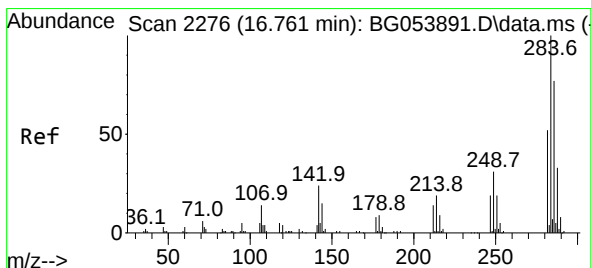
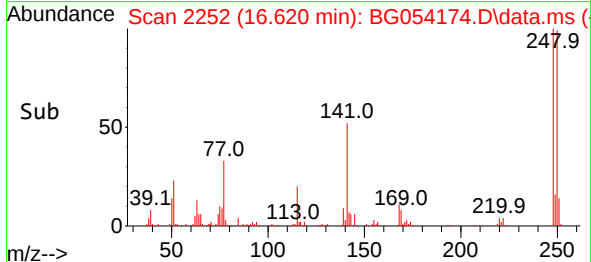
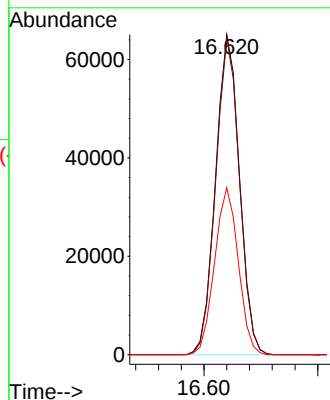
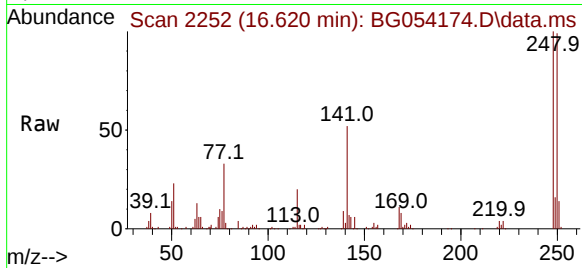




#67
4-Bromophenyl-phenylether
Concen: 48.163 ng
RT: 16.620 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

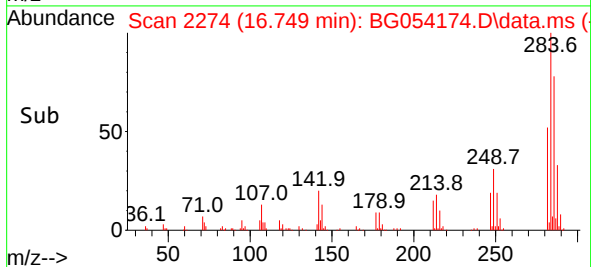
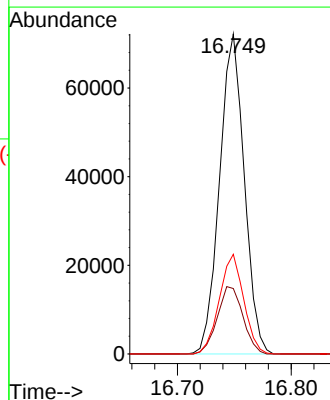
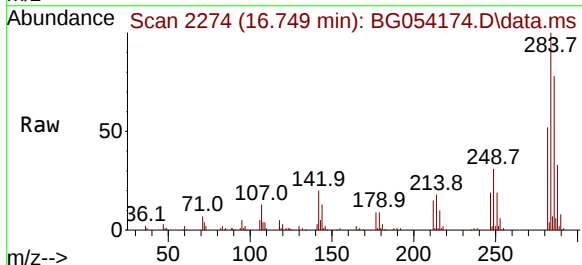
Instrument :
BNA_G
ClientSampleId :
V-1MS

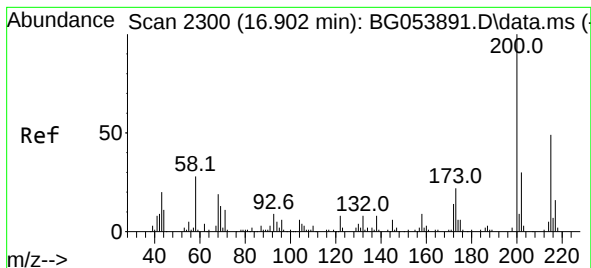
Tgt Ion:248 Resp: 95319
Ion Ratio Lower Upper
248 100
250 98.7 75.2 112.8
141 52.2 50.0 75.0



#68
Hexachlorobenzene
Concen: 48.120 ng
RT: 16.749 min Scan# 2274
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:284 Resp: 108937
Ion Ratio Lower Upper
284 100
142 20.4 23.6 35.4#
249 31.2 25.8 38.6





#69

Atrazine

Concen: 52.667 ng

RT: 16.884 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

Instrument :

BNA_G

ClientSampleId :

V-1MS

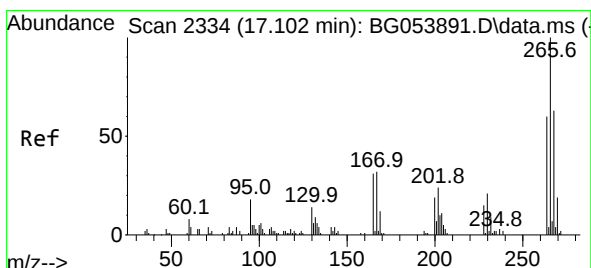
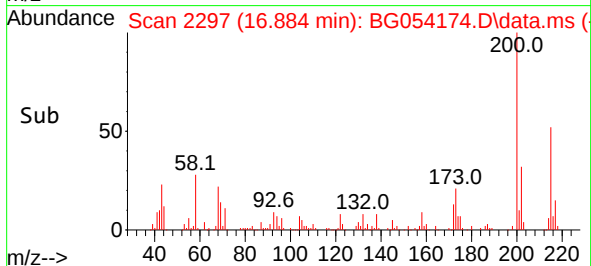
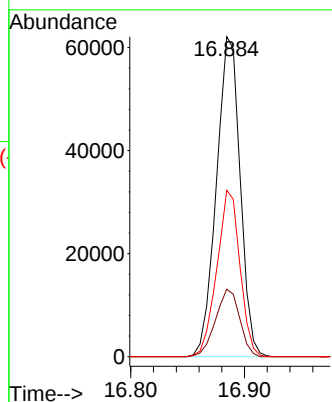
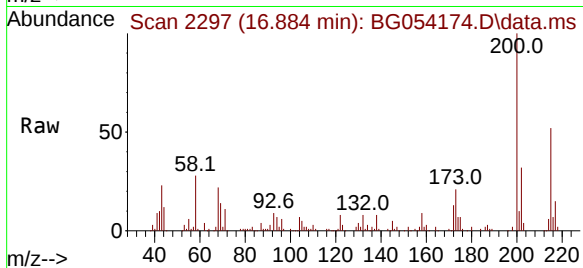
Tgt Ion:200 Resp: 90101

Ion Ratio Lower Upper

200 100

173 21.1 3.7 43.7

215 52.0 25.2 65.2



#70

Pentachlorophenol

Concen: 107.711 ng

RT: 17.090 min Scan# 2332

Delta R.T. -0.005 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

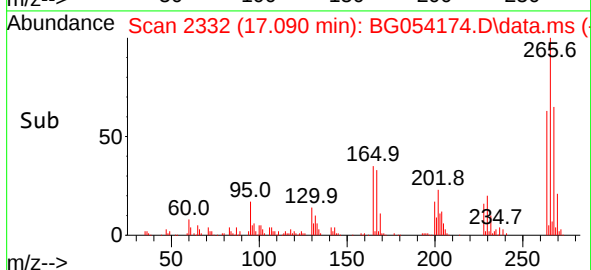
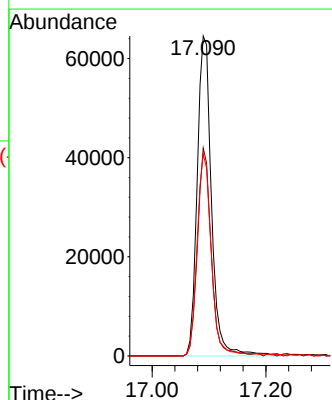
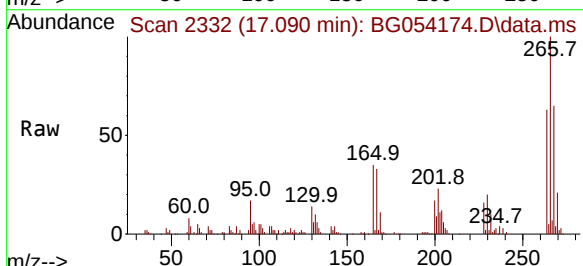
Tgt Ion:266 Resp: 113269

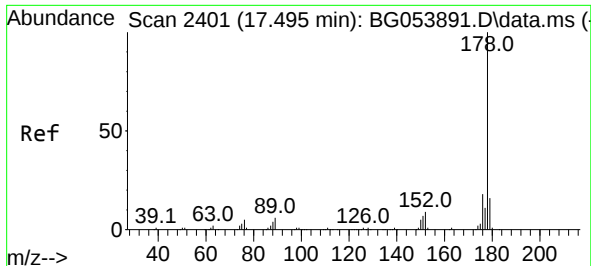
Ion Ratio Lower Upper

266 100

268 69.4 56.2 84.2

264 63.2 53.0 79.4

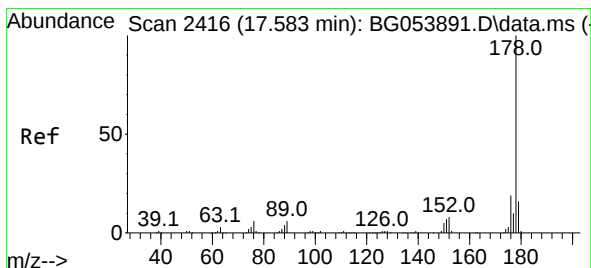
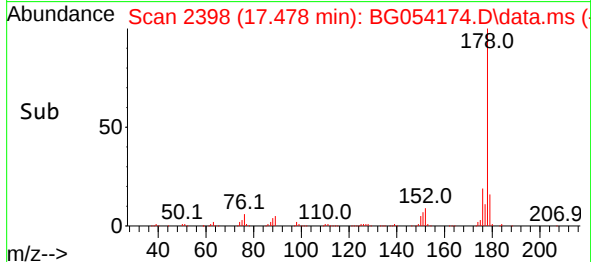
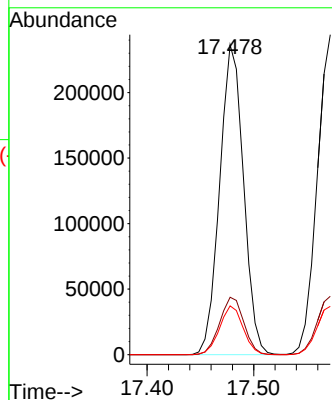
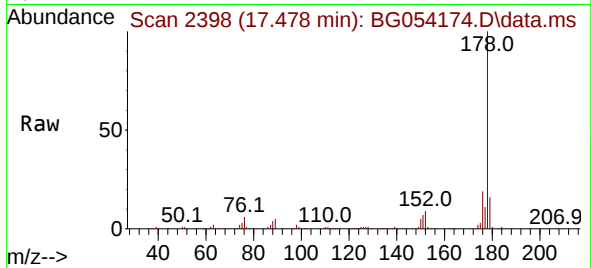




#71
 Phenanthrene
 Concen: 45.136 ng
 RT: 17.478 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054174.D
 Acq: 30 Jun 2022 18:05

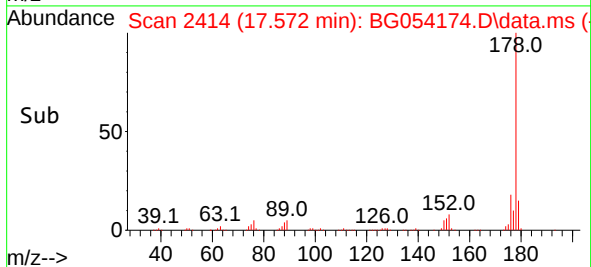
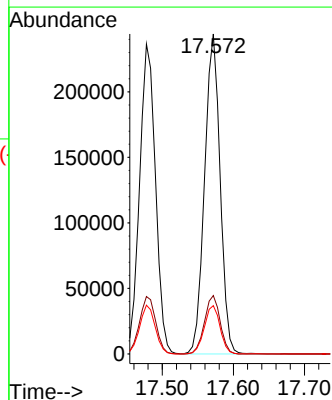
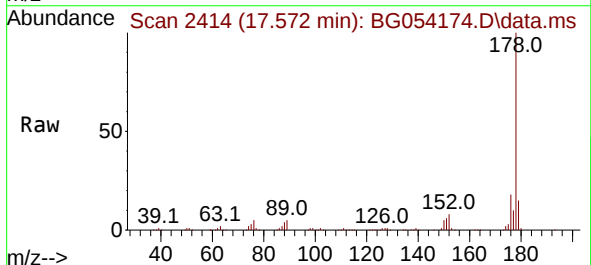
Instrument :
 BNA_G
 ClientSampleId :
 V-1MS

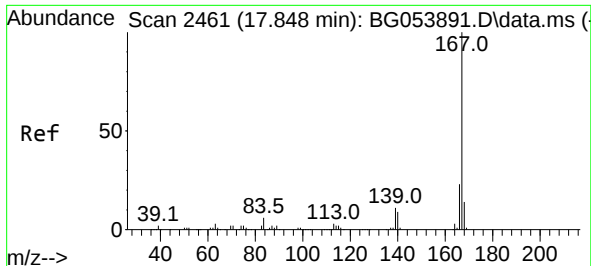
Tgt Ion:178 Resp: 367456
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.1 21.1
 179 15.7 12.1 18.1



#72
 Anthracene
 Concen: 46.775 ng
 RT: 17.572 min Scan# 2414
 Delta R.T. -0.005 min
 Lab File: BG054174.D
 Acq: 30 Jun 2022 18:05

Tgt Ion:178 Resp: 371860
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.2 22.8
 179 15.1 13.0 19.4

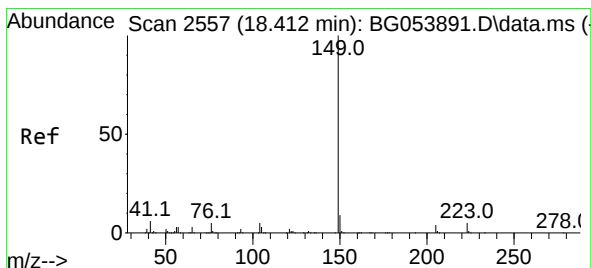
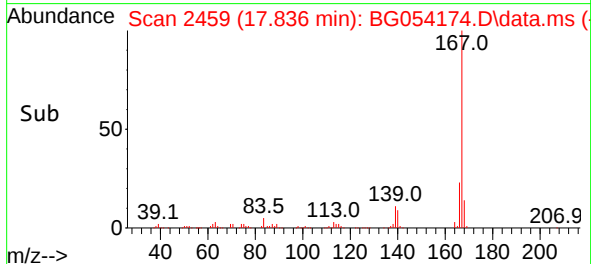
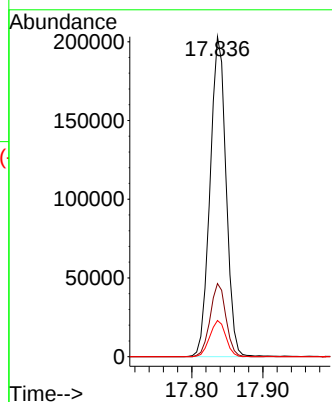
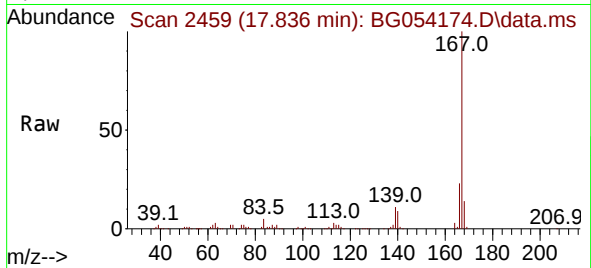




#73
 Carbazole
 Concen: 46.654 ng
 RT: 17.836 min Scan# 2461
 Delta R.T. -0.005 min
 Lab File: BG054174.D
 Acq: 30 Jun 2022 18:05

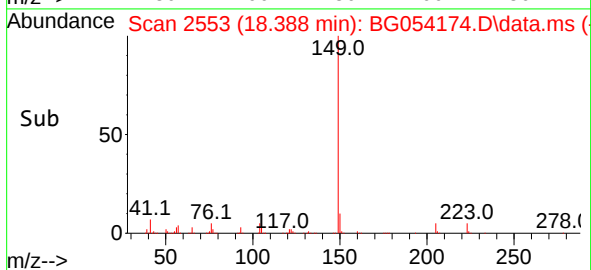
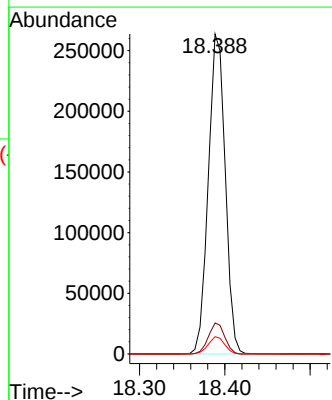
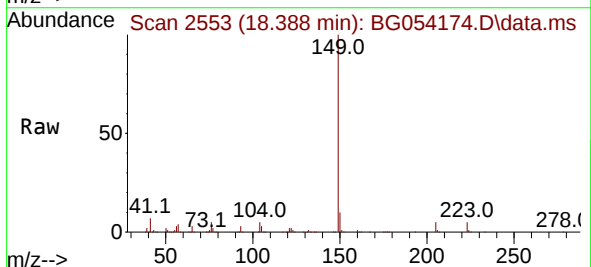
Instrument :
 BNA_G
 ClientSampleId :
 V-1MS

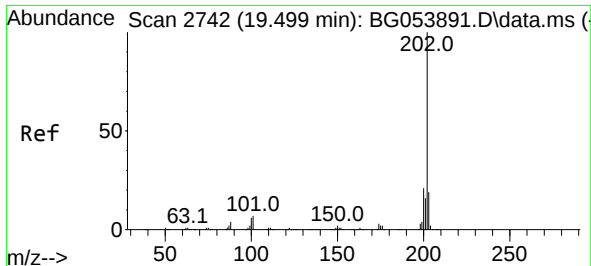
Tgt Ion:167 Resp: 318361
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 11.3 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 46.134 ng
 RT: 18.388 min Scan# 2553
 Delta R.T. -0.011 min
 Lab File: BG054174.D
 Acq: 30 Jun 2022 18:05

Tgt Ion:149 Resp: 363992
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.4 5.4 8.0

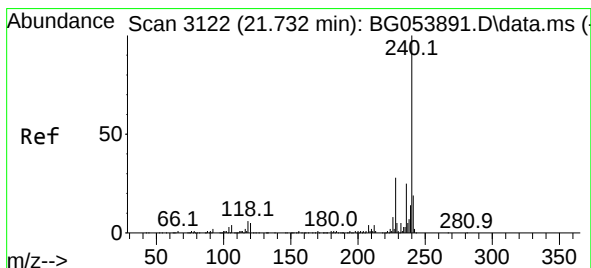
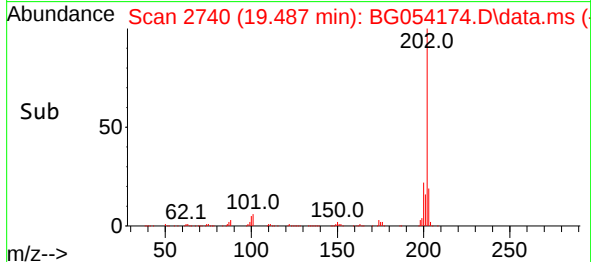
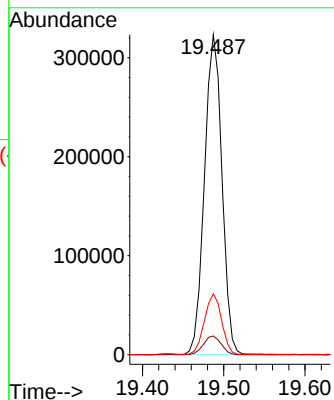
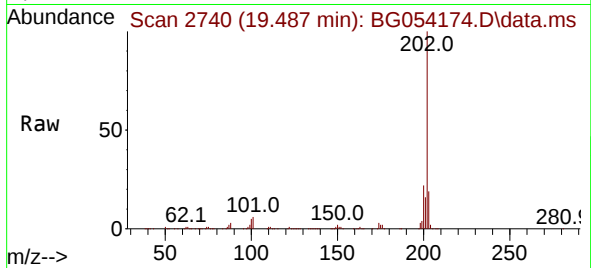




#75
Fluoranthene
Concen: 45.072 ng
RT: 19.487 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

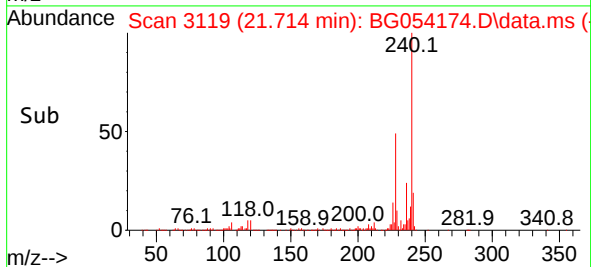
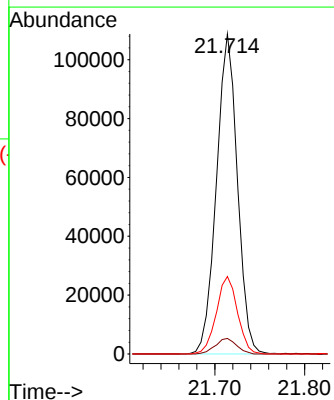
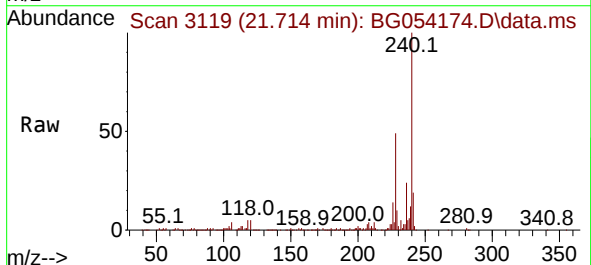
Instrument :
BNA_G
ClientSampleId :
V-1MS

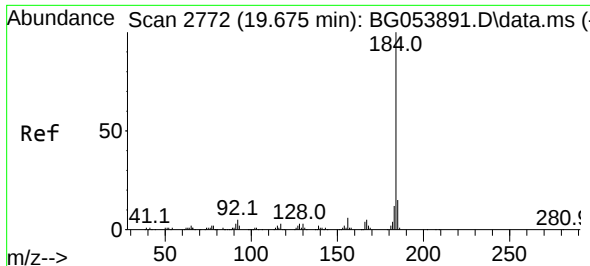
Tgt Ion:202 Resp: 481696
Ion Ratio Lower Upper
202 100
101 5.9 0.0 26.9
203 19.1 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:240 Resp: 175881
Ion Ratio Lower Upper
240 100
120 4.8 4.6 7.0
236 24.2 20.2 30.4

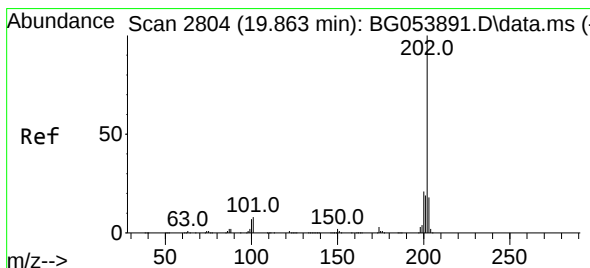
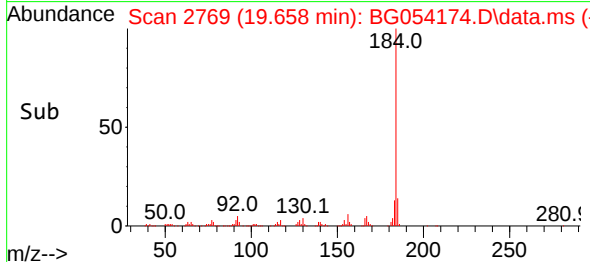
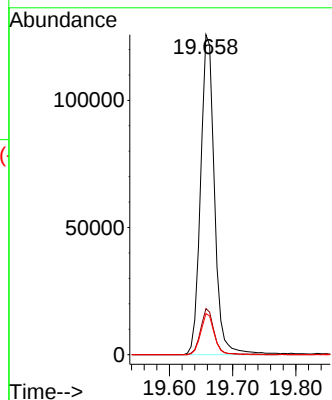
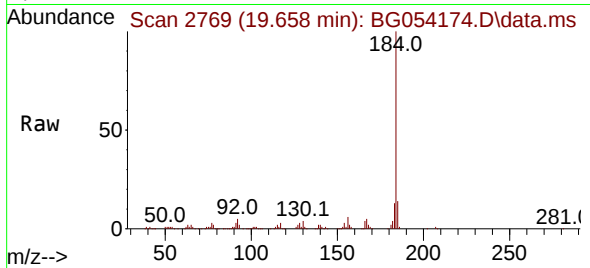




#77
Benzidine
Concen: 52.773 ng
RT: 19.658 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

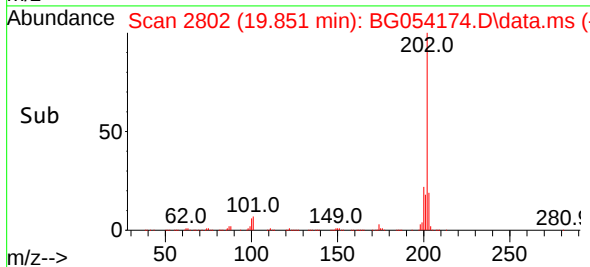
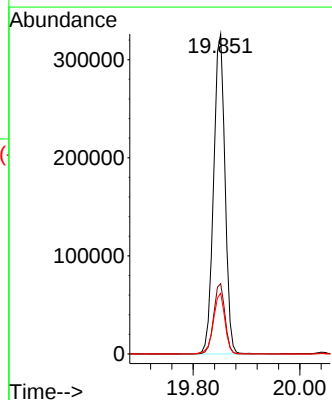
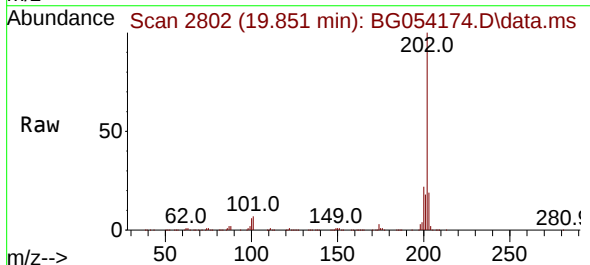
Instrument :
BNA_G
ClientSampleId :
V-1MS

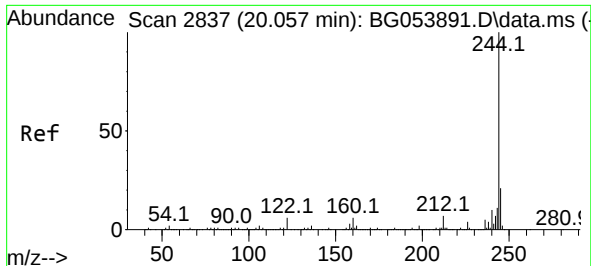
Tgt Ion:184 Resp: 192216
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 12.9 8.9 13.3



#78
Pyrene
Concen: 45.564 ng
RT: 19.851 min Scan# 2802
Delta R.T. 0.001 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:202 Resp: 484020
Ion Ratio Lower Upper
202 100
200 21.9 16.6 24.8
203 19.0 14.6 21.8

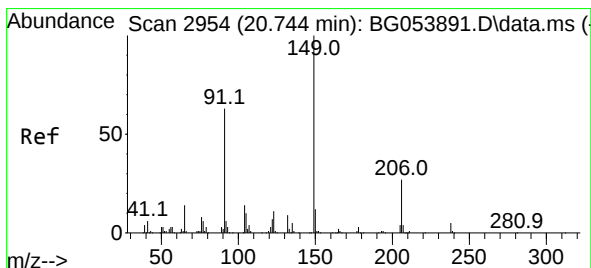
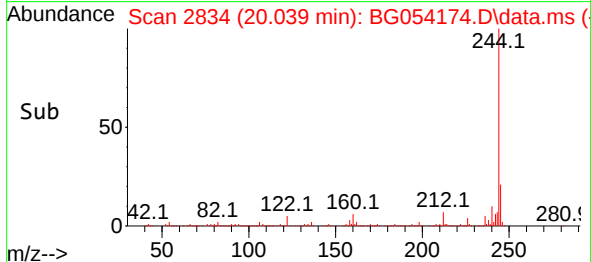
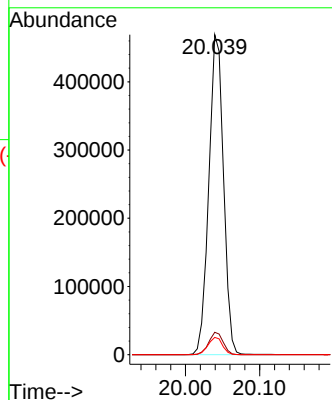
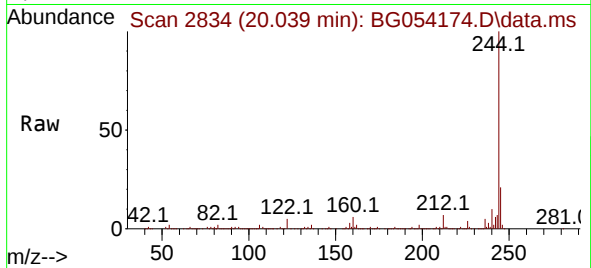




#79
 Terphenyl-d14
 Concen: 73.712 ng
 RT: 20.039 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054174.D
 Acq: 30 Jun 2022 18:05

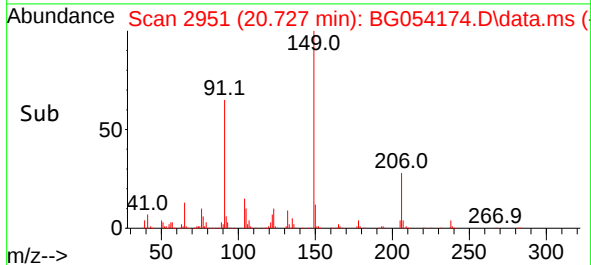
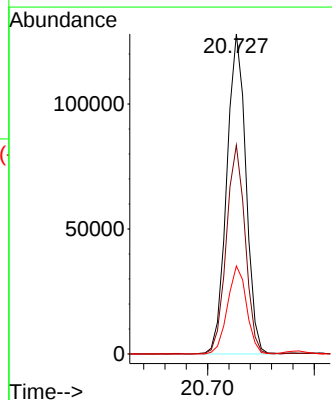
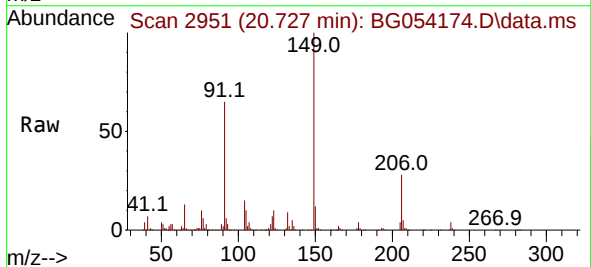
Instrument :
 BNA_G
 ClientSampleId :
 V-1MS

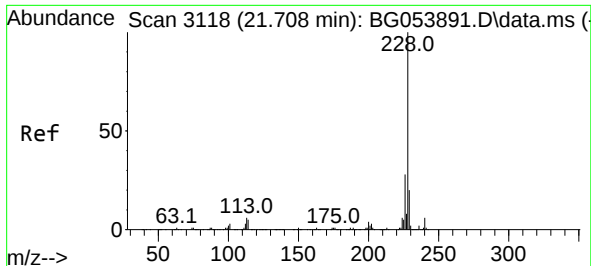
Tgt Ion:244 Resp: 643693
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 5.4 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 46.837 ng
 RT: 20.727 min Scan# 2951
 Delta R.T. -0.005 min
 Lab File: BG054174.D
 Acq: 30 Jun 2022 18:05

Tgt Ion:149 Resp: 159476
 Ion Ratio Lower Upper
 149 100
 91 65.2 59.6 89.4
 206 27.5 18.6 28.0

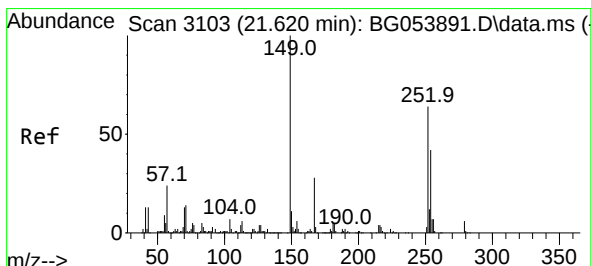
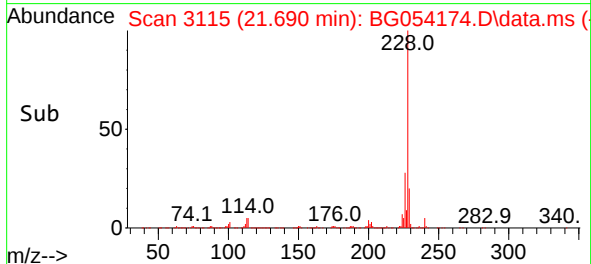
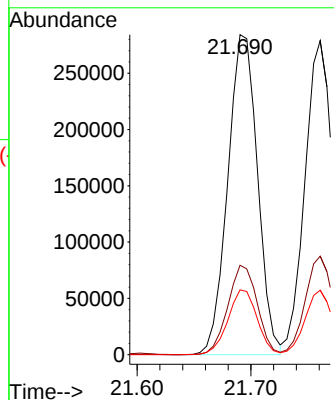
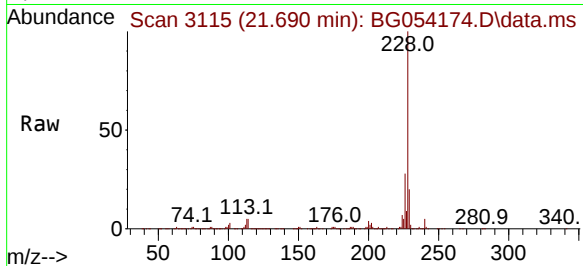




#81
Benzo(a)anthracene
Concen: 45.450 ng
RT: 21.690 min Scan# 3118
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

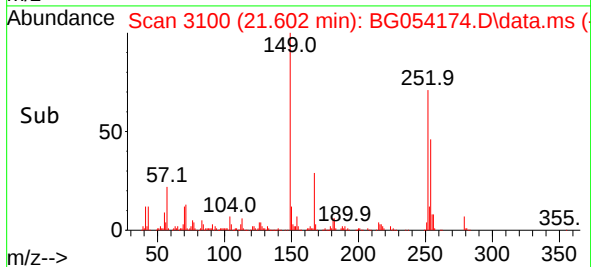
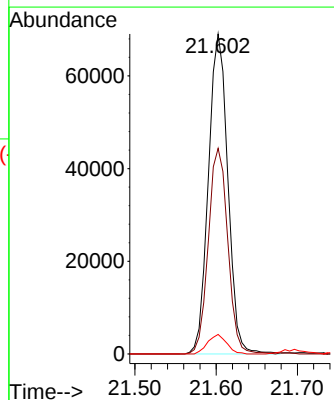
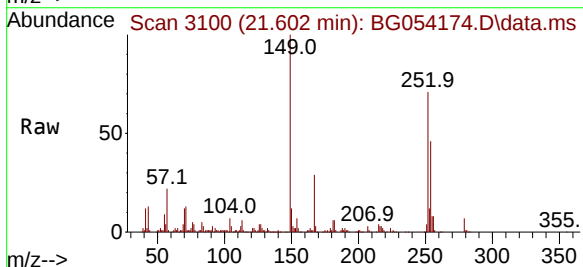
Instrument :
BNA_G
ClientSampleId :
V-1MS

Tgt Ion:228 Resp: 517587
Ion Ratio Lower Upper
228 100
226 28.0 21.6 32.4
229 20.3 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 33.745 ng
RT: 21.602 min Scan# 3100
Delta R.T. -0.005 min
Lab File: BG054174.D
Acq: 30 Jun 2022 18:05

Tgt Ion:252 Resp: 114812
Ion Ratio Lower Upper
252 100
254 64.3 49.8 74.8
126 6.1 6.0 9.0





#83

Chrysene

Concen: 44.155 ng

RT: 21.761 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

Instrument :

BNA_G

ClientSampleId :

V-1MS

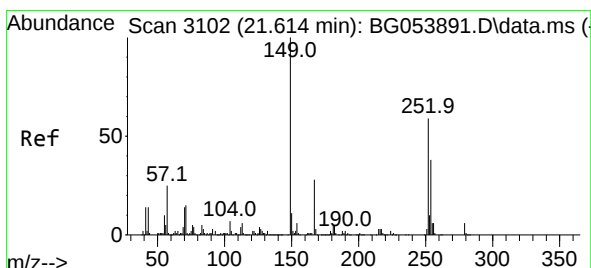
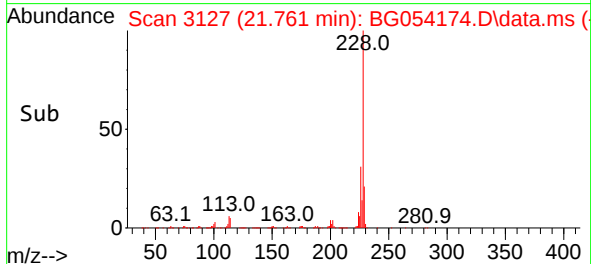
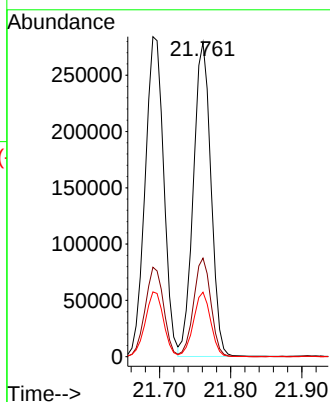
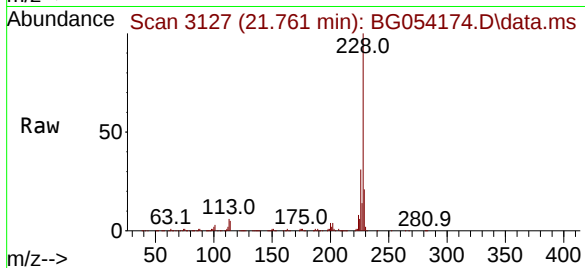
Tgt Ion:228 Resp: 479308

Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.2

229 20.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.410 ng

RT: 21.591 min Scan# 3098

Delta R.T. -0.011 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

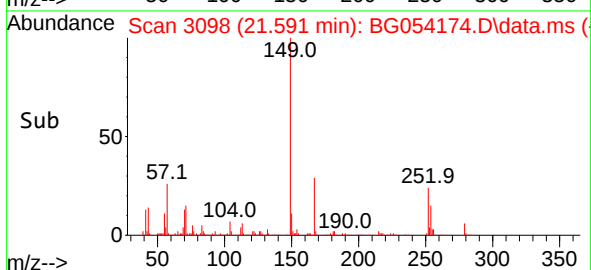
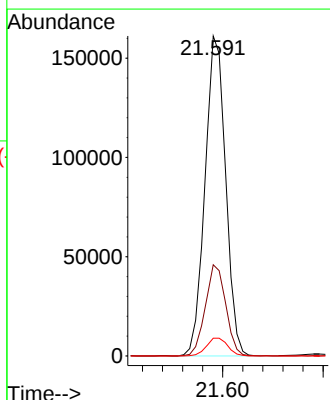
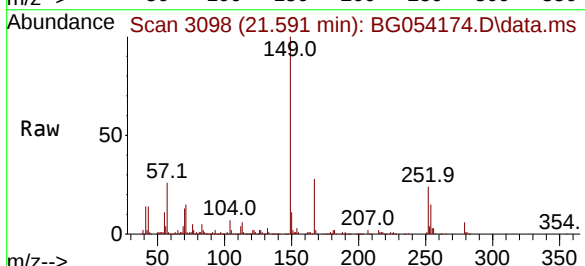
Tgt Ion:149 Resp: 230874

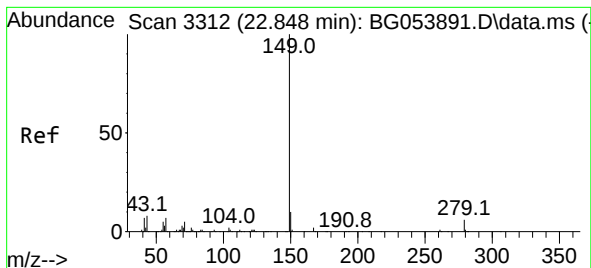
Ion Ratio Lower Upper

149 100

167 28.5 20.2 30.4

279 5.6 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 46.784 ng

RT: 22.813 min Scan# 3312

Delta R.T. -0.011 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

Instrument :

BNA_G

ClientSampleId :

V-1MS

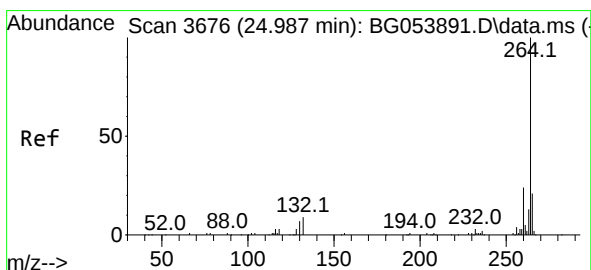
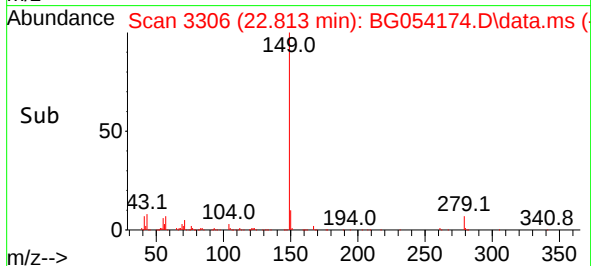
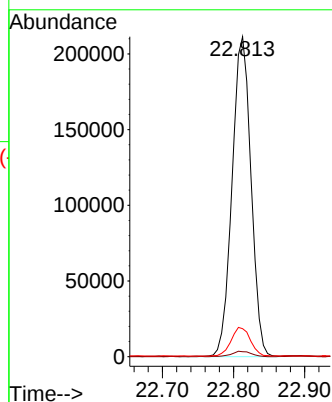
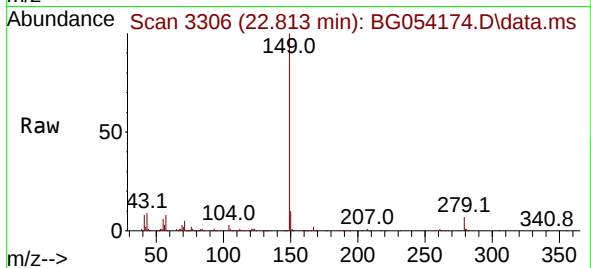
Tgt Ion:149 Resp: 391583

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 9.0 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.963 min Scan# 3672

Delta R.T. 0.001 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

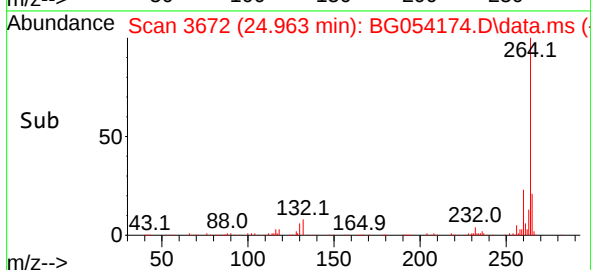
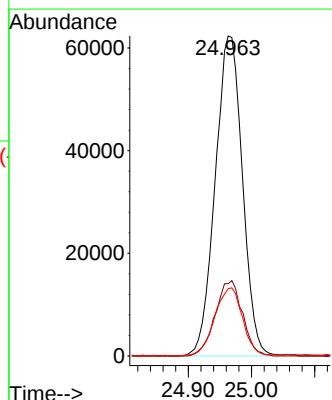
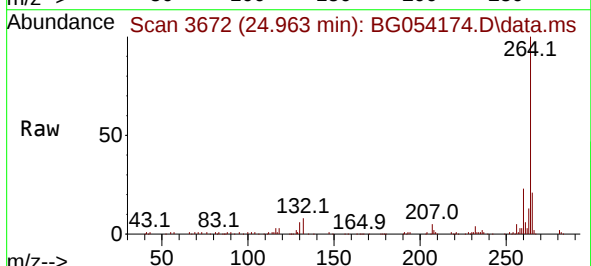
Tgt Ion:264 Resp: 186264

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.6

265 21.0 17.4 26.2

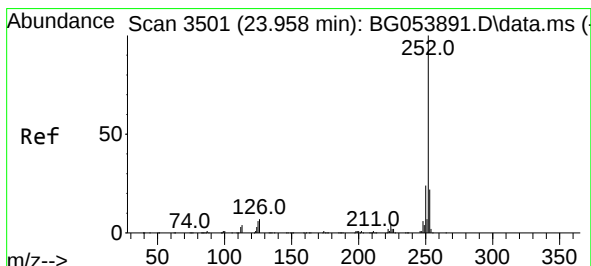
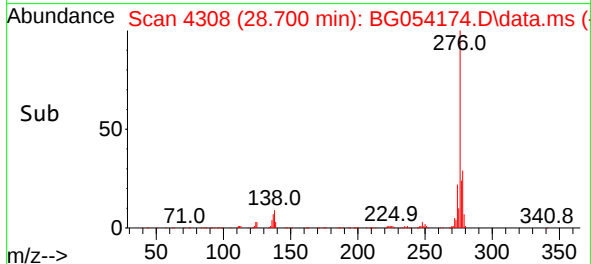
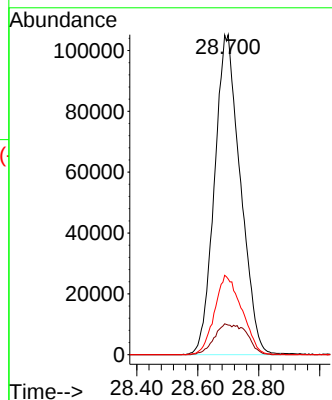
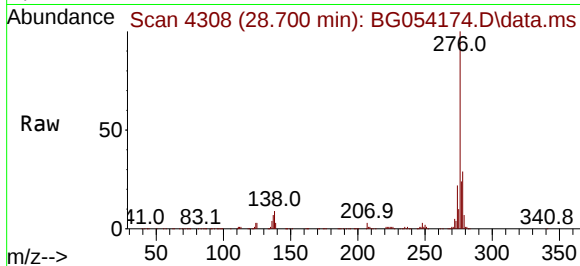




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.225 ng
 RT: 28.700 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BG054174.D
 Acq: 30 Jun 2022 18:05

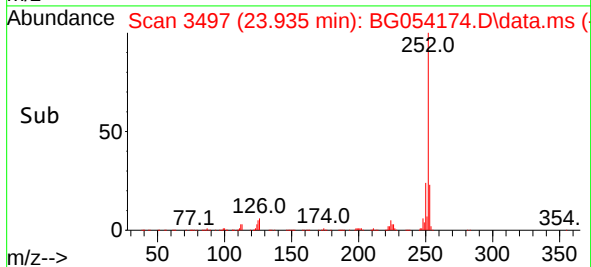
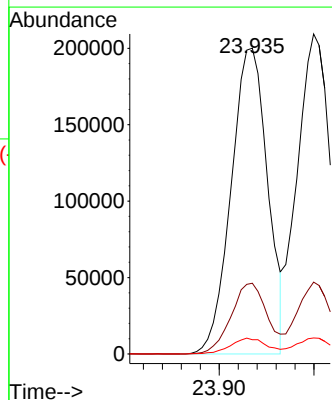
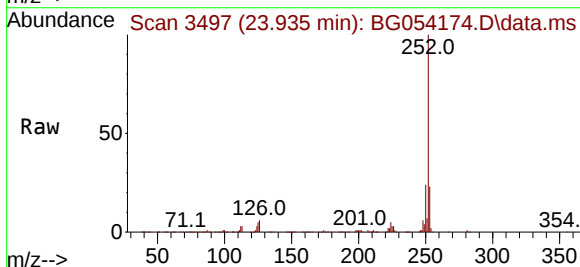
Instrument :
 BNA_G
 ClientSampleId :
 V-1MS

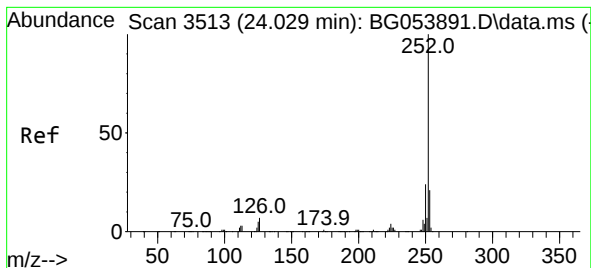
Tgt Ion:276 Resp: 621635
 Ion Ratio Lower Upper
 276 100
 138 6.4 5.0 7.4
 277 26.0 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 47.298 ng
 RT: 23.935 min Scan# 3497
 Delta R.T. 0.001 min
 Lab File: BG054174.D
 Acq: 30 Jun 2022 18:05

Tgt Ion:252 Resp: 535668
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.0 27.0
 125 4.7 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 46.237 ng

RT: 24.000 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

Instrument :

BNA_G

ClientSampleId :

V-1MS

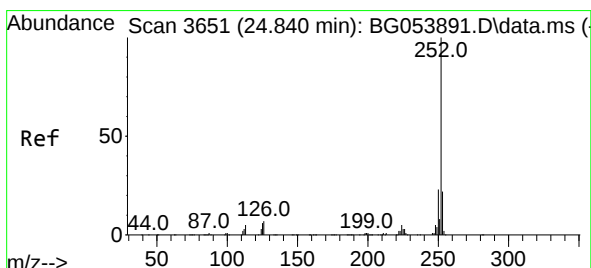
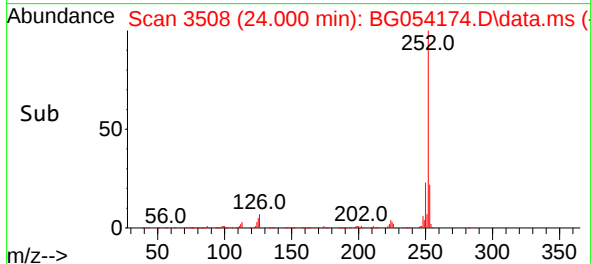
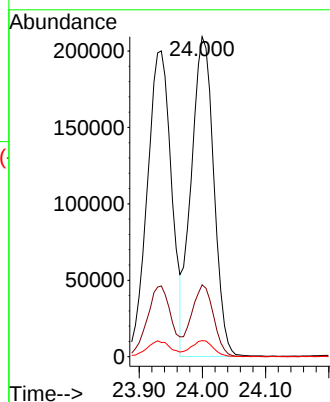
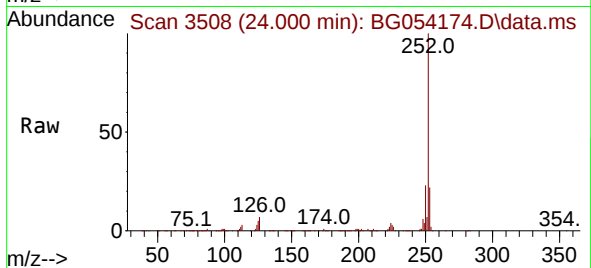
Tgt Ion:252 Resp: 518458

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

125 5.0 4.8 7.2



#90

Benzo(a)pyrene

Concen: 49.712 ng

RT: 24.810 min Scan# 3646

Delta R.T. -0.005 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

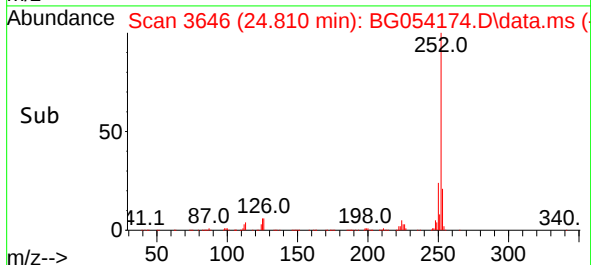
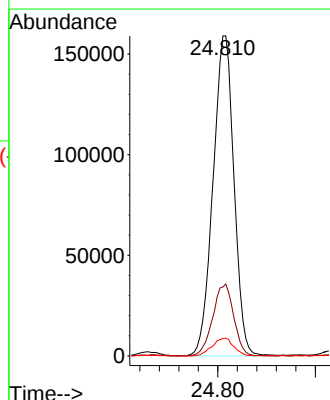
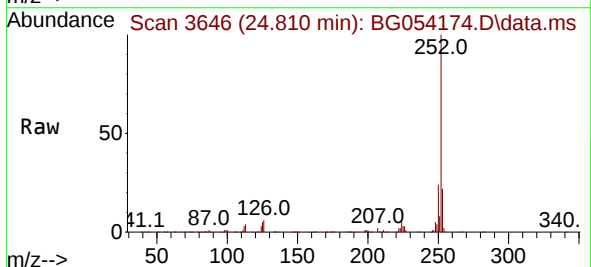
Tgt Ion:252 Resp: 475024

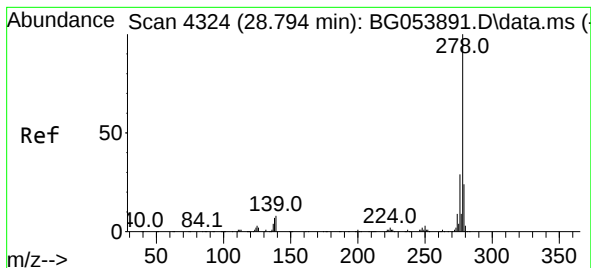
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 5.5 4.3 6.5





#91

Dibenzo(a,h)anthracene

Concen: 45.983 ng

RT: 28.747 min Scan# 41

Delta R.T. 0.001 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

Instrument :

BNA_G

ClientSampleId :

V-1MS

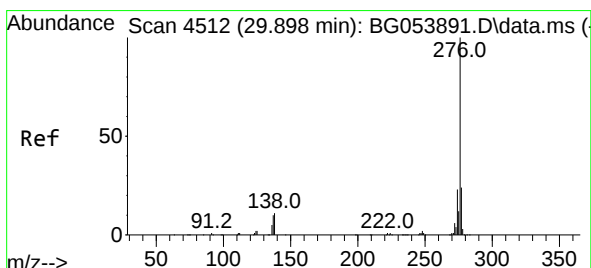
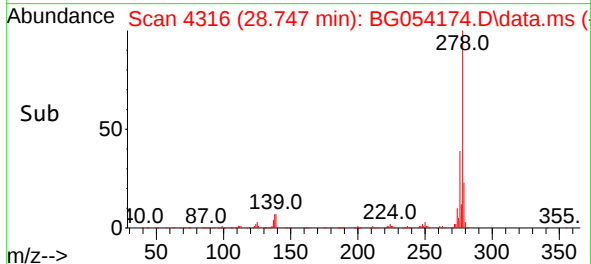
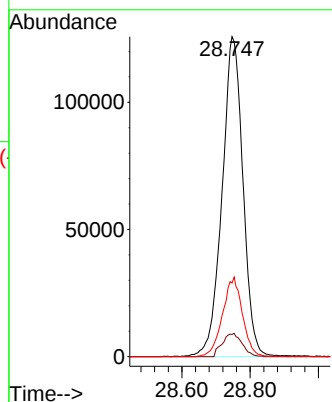
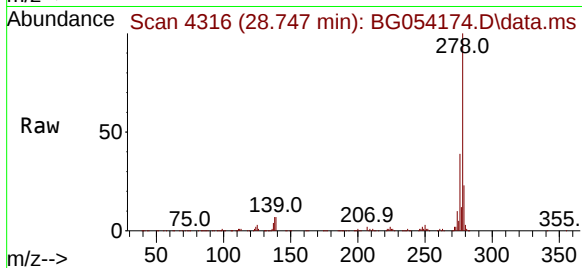
Tgt Ion:278 Resp: 534489

Ion Ratio Lower Upper

278 100

139 6.9 7.2 10.8#

279 23.0 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 46.412 ng

RT: 29.851 min Scan# 4504

Delta R.T. -0.011 min

Lab File: BG054174.D

Acq: 30 Jun 2022 18:05

Tgt Ion:276 Resp: 532385

Ion Ratio Lower Upper

276 100

277 23.9 17.3 25.9

138 9.8 9.6 14.4

