

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054090.D
 Acq On : 27 Jun 2022 12:57
 Operator : CG/JU
 Sample : PB145813BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145813BS

Quant Time: Jun 28 04:53:03 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	8.073	152	22745	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	103242	20.000	ng	0.00
39) Acenaphthene-d10	14.700	164	82927	20.000	ng	0.00
64) Phenanthrene-d10	17.444	188	199784	20.000	ng	0.00
76) Chrysene-d12	21.721	240	203095	20.000	ng	0.00
86) Perylene-d12	24.976	264	209117	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	166129	139.646	ng	0.00
7) Phenol-d6	7.232	99	233393	144.619	ng	0.00
23) Nitrobenzene-d5	9.236	82	149415	81.329	ng	0.00
42) 2,4,6-Tribromophenol	16.187	330	143216	107.490	ng	0.00
45) 2-Fluorobiphenyl	13.325	172	425018	74.527	ng	0.00
79) Terphenyl-d14	20.047	244	847080	84.004	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.525	88	16216	31.182	ng	94
3) Pyridine	3.919	79	43977	31.689	ng	92
4) n-Nitrosodimethylamine	3.836	42	28089	46.015	ng	# 90
6) Aniline	7.391	93	71683	37.464	ng	99
8) 2-Chlorophenol	7.638	128	66410	52.281	ng	97
9) Benzaldehyde	7.203	77	11930	12.525	ng	91
10) Phenol	7.262	94	88383	54.039	ng	94
11) bis(2-Chloroethyl)ether	7.485	93	56843	45.280	ng	97
12) 1,3-Dichlorobenzene	7.961	146	66062	41.505	ng	91
13) 1,4-Dichlorobenzene	8.108	146	67366	42.134	ng	95
14) 1,2-Dichlorobenzene	8.431	146	67498	43.977	ng	98
15) Benzyl Alcohol	8.308	79	64013	53.071	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.601	45	92382	49.227	ng	98
17) 2-Methylphenol	8.513	107	61802	54.395	ng	# 91
18) Hexachloroethane	9.165	117	22900	43.175	ng	# 85
19) n-Nitroso-di-n-propyla...	8.878	70	53133	49.005	ng	94
20) 3+4-Methylphenols	8.842	107	83721	52.543	ng	94
22) Acetophenone	8.889	105	101438	40.421	ng	# 96
24) Nitrobenzene	9.277	77	75313	41.629	ng	# 88
25) Isophorone	9.800	82	147254	42.917	ng	# 94
26) 2-Nitrophenol	9.994	139	38201	47.807	ng	# 79
27) 2,4-Dimethylphenol	10.047	122	69886	54.035	ng	88
28) bis(2-Chloroethoxy)met...	10.282	93	87799	47.500	ng	97
29) 2,4-Dichlorophenol	10.529	162	82168	47.384	ng	90
30) 1,2,4-Trichlorobenzene	10.746	180	79967	37.243	ng	96
31) Naphthalene	10.934	128	208712	40.045	ng	99
32) Benzoic acid	10.200	122	28191	49.554	ng	# 83
33) 4-Chloroaniline	11.034	127	56435	26.101	ng	# 91
34) Hexachlorobutadiene	11.222	225	55669	33.723	ng	99
35) Caprolactam	11.856	113	5239	10.975	ng	96
36) 4-Chloro-3-methylphenol	12.156	107	82398	48.880	ng	86
37) 2-Methylnaphthalene	12.532	142	161234	41.812	ng	95
38) 1-Methylnaphthalene	12.749	142	155764	41.485	ng	99
40) 1,2,4,5-Tetrachloroben...	12.902	216	112952	35.348	ng	98
41) Hexachlorocyclopentadiene	12.885	237	111245	74.766	ng	99
43) 2,4,6-Trichlorophenol	13.137	196	73683	41.051	ng	100

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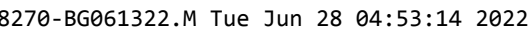
Instrument :
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Quant Time: Jun 28 04:53:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.214	196	80906	40.369	ng	96
46) 1,1'-Biphenyl	13.537	154	234436	40.585	ng	99
47) 2-Chloronaphthalene	13.578	162	183454	39.243	ng	96
48) 2-Nitroaniline	13.772	65	58311	46.891	ng	91
49) Acenaphthylene	14.424	152	309908	42.633	ng	99
50) Dimethylphthalate	14.148	163	252917	40.046	ng	99
51) 2,6-Dinitrotoluene	14.265	165	55998	43.885	ng	# 80
52) Acenaphthene	14.765	154	180836	39.027	ng	97
53) 3-Nitroaniline	14.594	138	41316	33.421	ng	89
54) 2,4-Dinitrophenol	14.806	184	58988	83.447	ng	# 80
55) Dibenzofuran	15.100	168	301572	40.395	ng	94
56) 4-Nitrophenol	14.906	139	79855	90.985	ng	# 86
57) 2,4-Dinitrotoluene	15.059	165	79362	44.039	ng	# 84
58) Fluorene	15.746	166	246343	40.189	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.323	232	75502	38.523	ng	# 95
60) Diethylphthalate	15.511	149	251161	41.065	ng	97
61) 4-Chlorophenyl-phenyle...	15.734	204	142690	38.884	ng	92
62) 4-Nitroaniline	15.758	138	53719	41.668	ng	# 74
63) Azobenzene	16.028	77	212395	43.142	ng	90
65) 4,6-Dinitro-2-methylph...	15.822	198	46222	46.374	ng	84
66) n-Nitrosodiphenylamine	15.946	169	223778	42.978	ng	97
67) 4-Bromophenyl-phenylether	16.627	248	99835	40.011	ng	94
68) Hexachlorobenzene	16.757	284	108395	37.977	ng	96
69) Atrazine	16.892	200	92525	42.897	ng	96
70) Pentachlorophenol	17.097	266	111628	84.194	ng	97
71) Phenanthrene	17.485	178	420825	40.999	ng	97
72) Anthracene	17.579	178	424322	42.333	ng	100
73) Carbazole	17.844	167	372527	43.300	ng	99
74) Di-n-butylphthalate	18.402	149	437279	43.959	ng	# 97
75) Fluoranthene	19.495	202	521169	38.679	ng	97
77) Benzidine	19.665	184	168910	40.160	ng	99
78) Pyrene	19.853	202	530864	43.278	ng	98
80) Butylbenzylphthalate	20.734	149	189592	48.221	ng	93
81) Benzo(a)anthracene	21.698	228	544056	41.373	ng	98
82) 3,3'-Dichlorobenzidine	21.610	252	143124	36.429	ng	95
83) Chrysene	21.768	228	499226	39.828	ng	98
84) Bis(2-ethylhexyl)phtha...	21.604	149	276187	49.115	ng	96
85) Di-n-octyl phthalate	22.826	149	470620	48.693	ng	97
87) Indeno(1,2,3-cd)pyrene	28.707	276	602484	38.178	ng	99
88) Benzo(b)fluoranthene	23.942	252	548577	43.145	ng	99
89) Benzo(k)fluoranthene	24.013	252	529750	42.081	ng	98
90) Benzo(a)pyrene	24.829	252	525298	48.966	ng	# 98
91) Dibenzo(a,h)anthracene	28.772	278	539847	41.369	ng	99
92) Benzo(g,h,i)perylene	29.871	276	523494	40.650	ng	96

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

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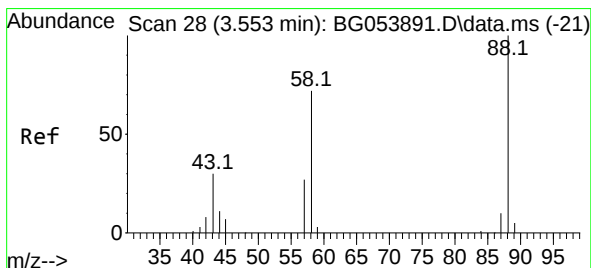
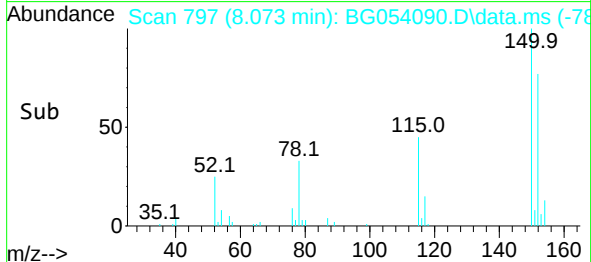
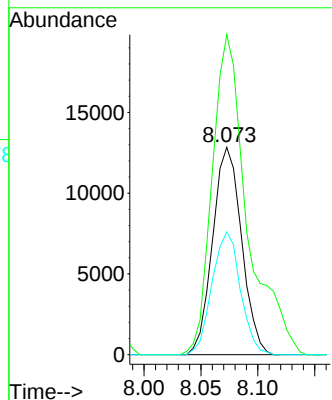
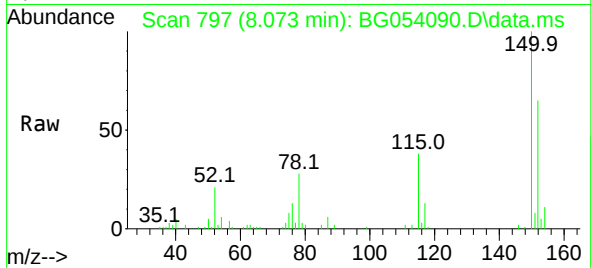




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.073 min Scan# 79
 Delta R.T. 0.003 min
 Lab File: BG054090.D
 Acq: 27 Jun 2022 12:57

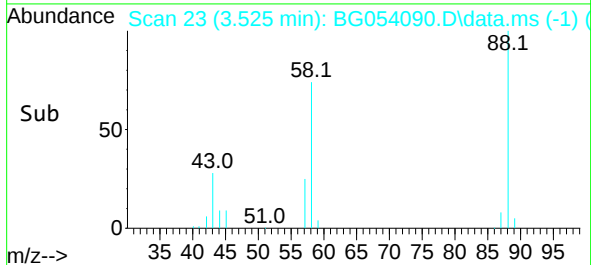
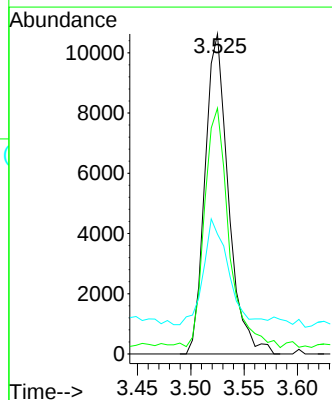
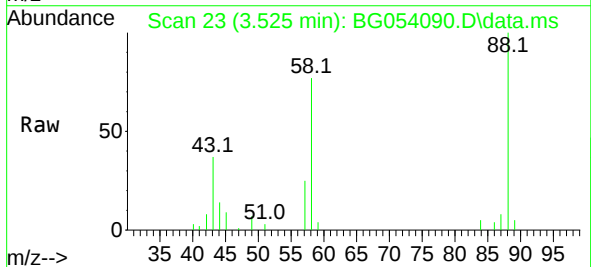
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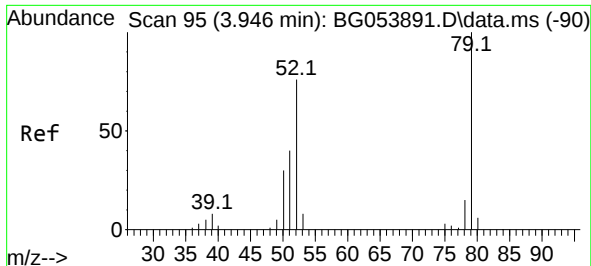
Tgt Ion:152 Resp: 22745
 Ion Ratio Lower Upper
 152 100
 150 154.3 131.6 197.4
 115 59.2 50.9 76.3



#2
 1,4-Dioxane
 Concen: 31.182 ng
 RT: 3.525 min Scan# 23
 Delta R.T. -0.004 min
 Lab File: BG054090.D
 Acq: 27 Jun 2022 12:57

Tgt Ion: 88 Resp: 16216
 Ion Ratio Lower Upper
 88 100
 58 78.0 59.2 88.8
 43 34.5 24.3 36.5

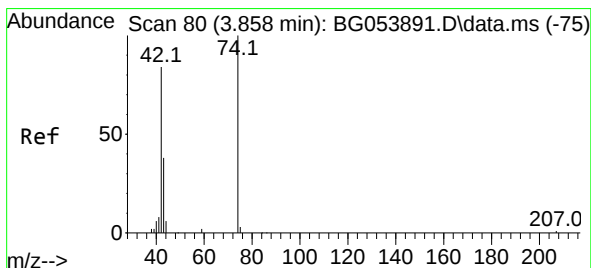
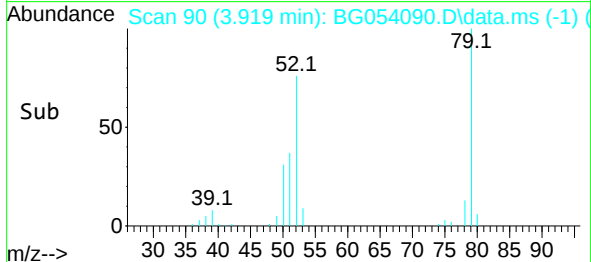
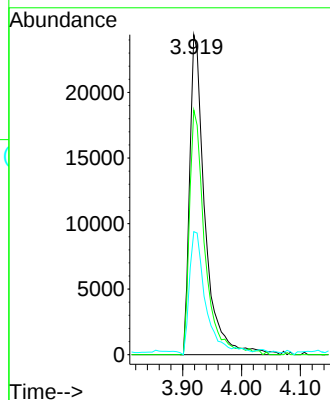
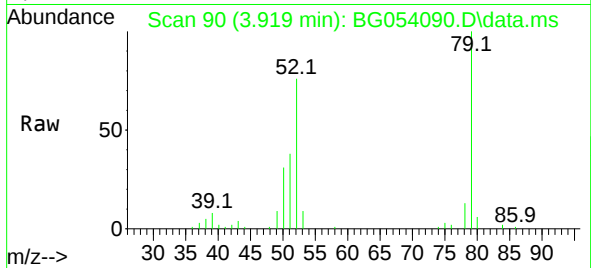




#3
 Pyridine
 Concen: 31.689 ng
 RT: 3.919 min Scan# 90
 Delta R.T. -0.010 min
 Lab File: BG054090.D
 Acq: 27 Jun 2022 12:57

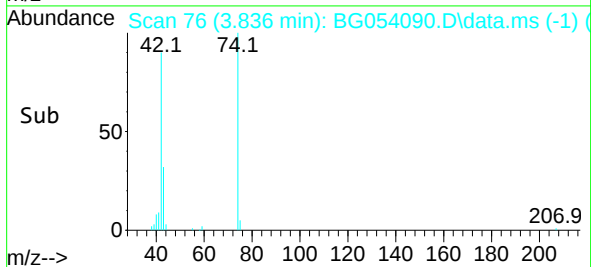
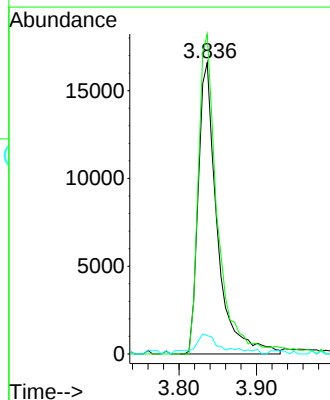
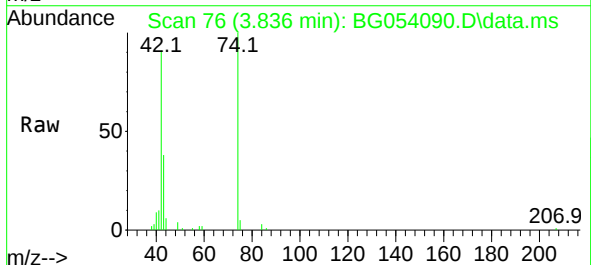
Instrument :
 BNA_G
 ClientSampleId :
 PB145813BS

Tgt Ion: 79	Resp: 43977
Ion Ratio	Lower Upper
79	100
52	76.5 54.6 81.8
51	38.4 32.5 48.7



#4
 n-Nitrosodimethylamine
 Concen: 46.015 ng
 RT: 3.836 min Scan# 76
 Delta R.T. -0.004 min
 Lab File: BG054090.D
 Acq: 27 Jun 2022 12:57

Tgt Ion: 42	Resp: 28089
Ion Ratio	Lower Upper
42	100
74	109.8 97.0 145.4
44	6.3 7.0 10.4

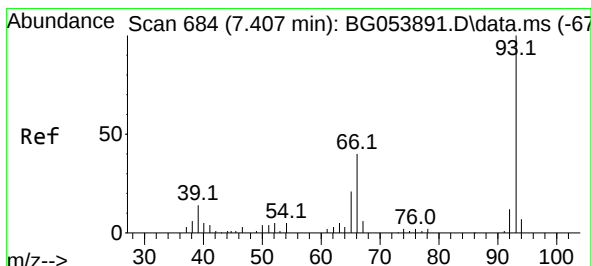
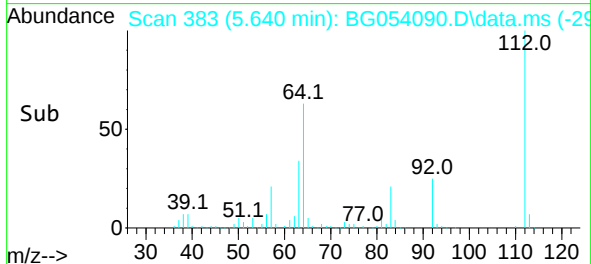
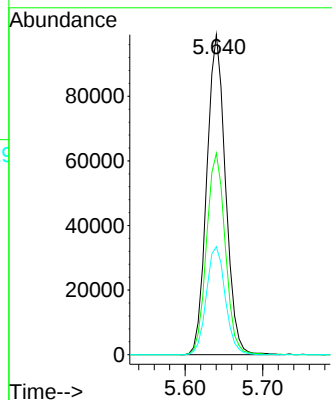
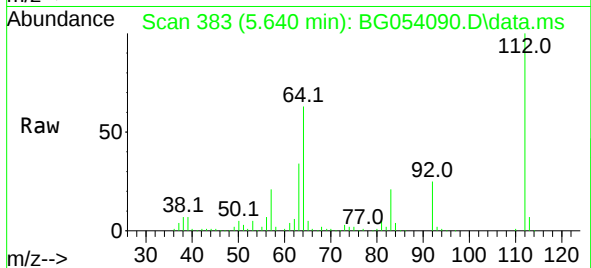




#5
2-Fluorophenol
Concen: 139.646 ng
RT: 5.640 min Scan# 381
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

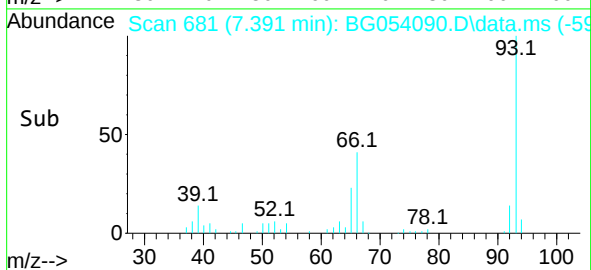
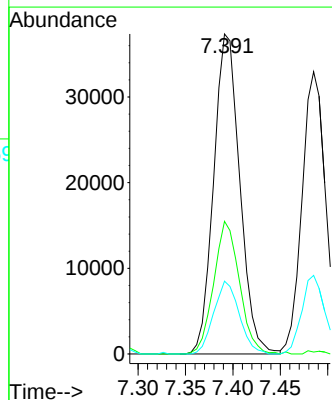
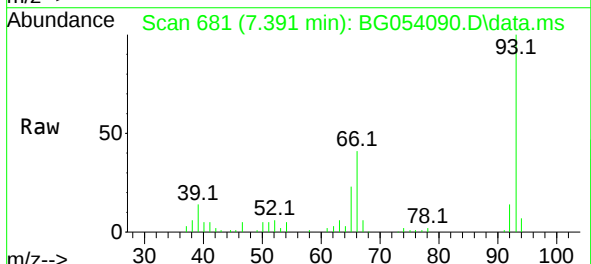
Instrument :
BNA_G
ClientSampleId :
PB145813BS

Tgt Ion:112 Resp: 166129
Ion Ratio Lower Upper
112 100
64 62.9 55.1 82.7
63 33.7 30.4 45.6



#6
Aniline
Concen: 37.464 ng
RT: 7.391 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion: 93 Resp: 71683
Ion Ratio Lower Upper
93 100
66 41.5 32.9 49.3
65 22.7 17.8 26.8

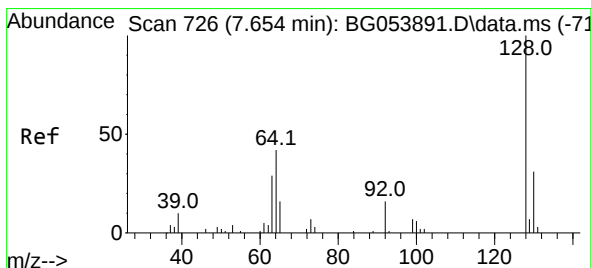
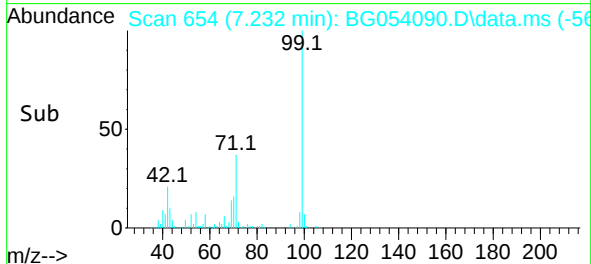
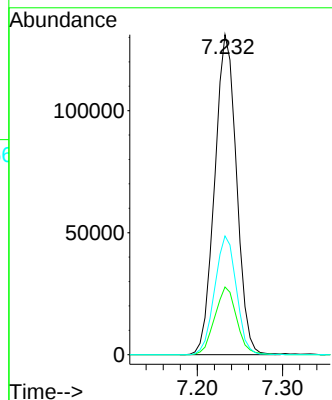
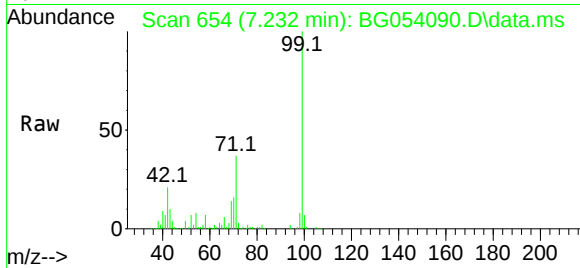




#7
Phenol-d6
Concen: 144.619 ng
RT: 7.232 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

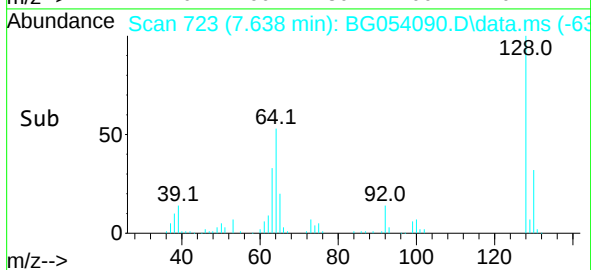
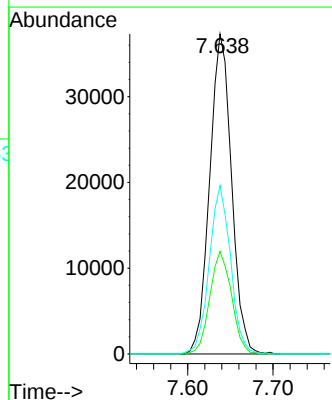
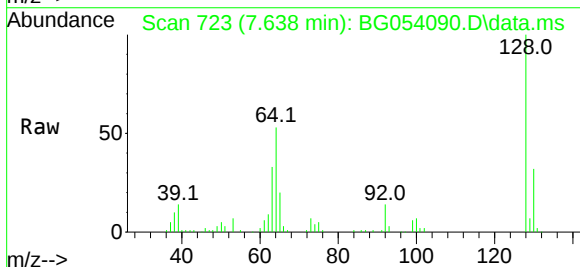
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 233393
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 37.1 33.8 50.8



#8
2-Chlorophenol
Concen: 52.281 ng
RT: 7.638 min Scan# 723
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion: 128 Resp: 66410
Ion Ratio Lower Upper
128 100
130 32.1 10.5 50.5
64 52.7 35.1 75.1

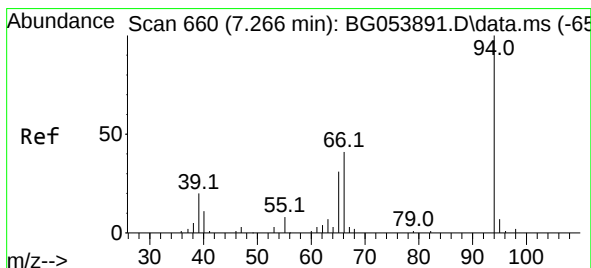
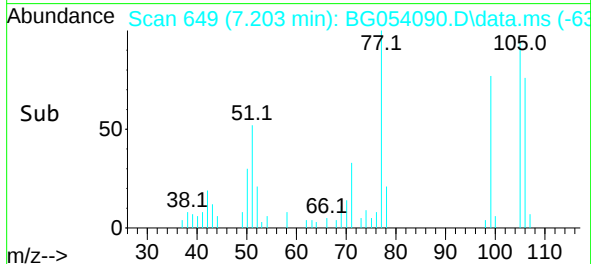
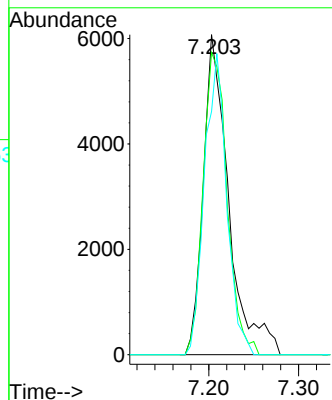
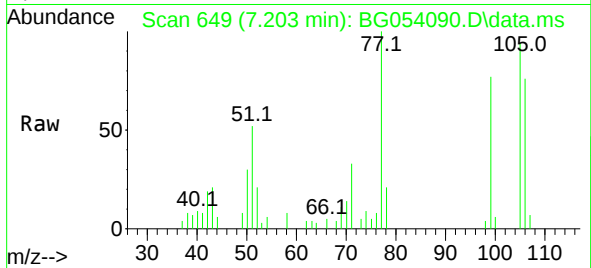




#9
Benzaldehyde
Concen: 12.525 ng
RT: 7.203 min Scan# 64
Delta R.T. -0.004 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

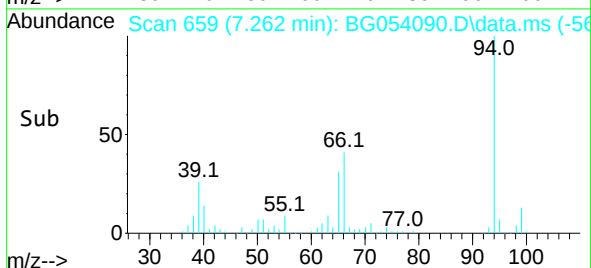
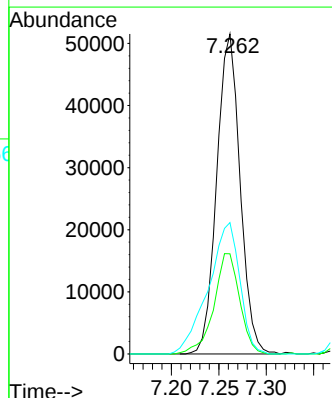
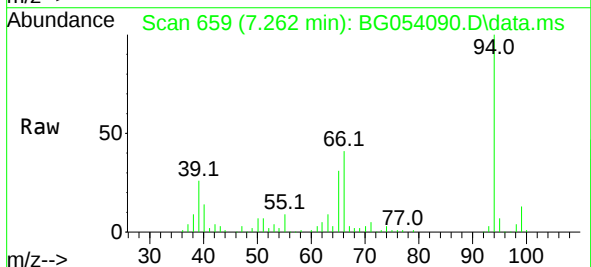
Instrument :
BNA_G
ClientSampleId :
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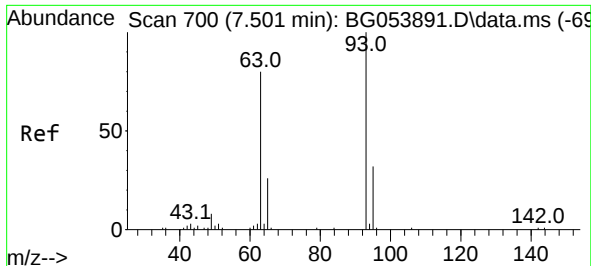
Tgt Ion: 77 Resp: 11930
Ion Ratio Lower Upper
77 100
105 94.4 59.6 99.6
106 76.0 56.8 96.8



#10
Phenol
Concen: 54.039 ng
RT: 7.262 min Scan# 659
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion: 94 Resp: 88383
Ion Ratio Lower Upper
94 100
65 31.3 14.8 54.8
66 41.0 25.2 65.2

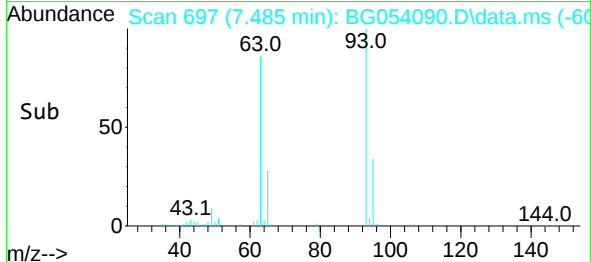
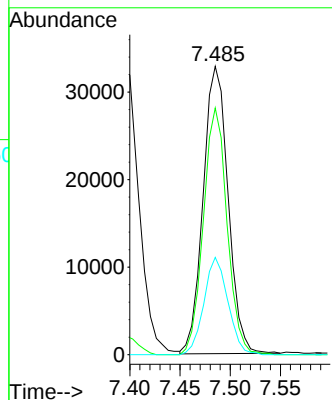
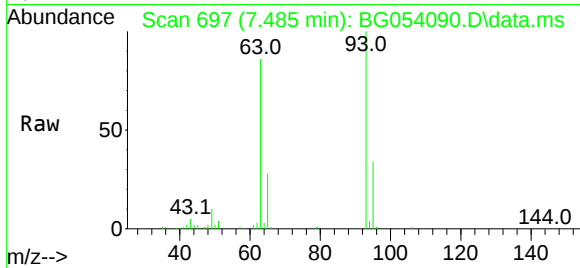




#11
bis(2-Chloroethyl)ether
Concen: 45.280 ng
RT: 7.485 min Scan# 697
Delta R.T. -0.004 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

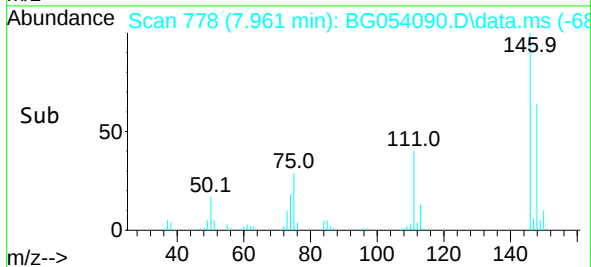
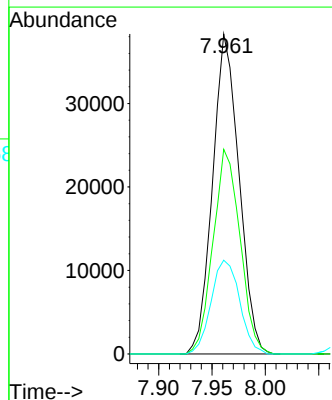
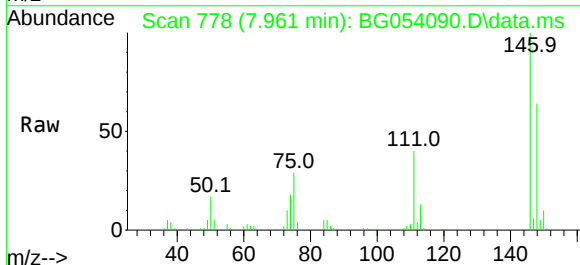
Instrument :
BNA_G
ClientSampleId :
PB145813BS

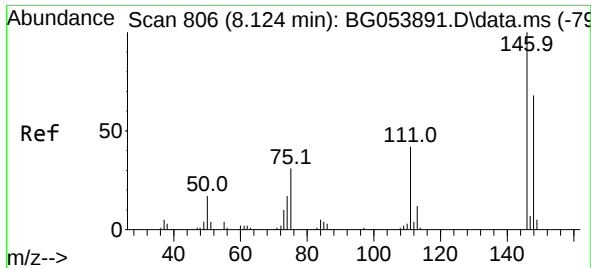
Tgt Ion: 93 Resp: 56843
Ion Ratio Lower Upper
93 100
63 85.6 63.6 103.6
95 33.8 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 41.505 ng
RT: 7.961 min Scan# 778
Delta R.T. -0.004 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion: 146 Resp: 66062
Ion Ratio Lower Upper
146 100
148 63.9 46.1 69.1
75 29.3 27.6 41.4

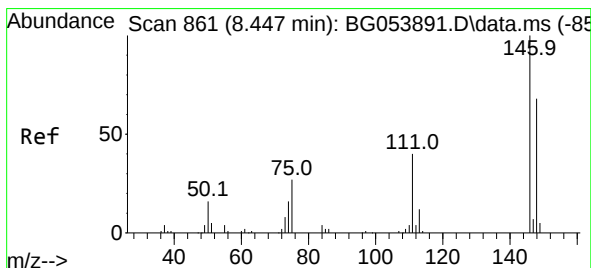
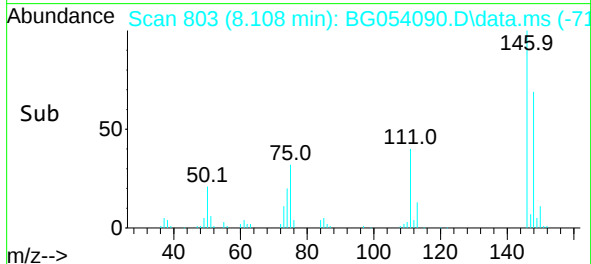
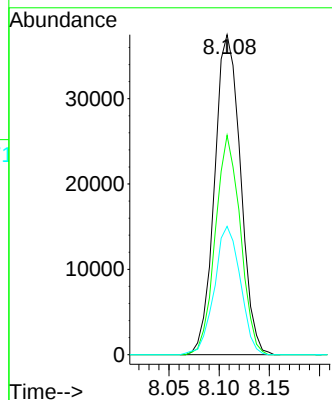
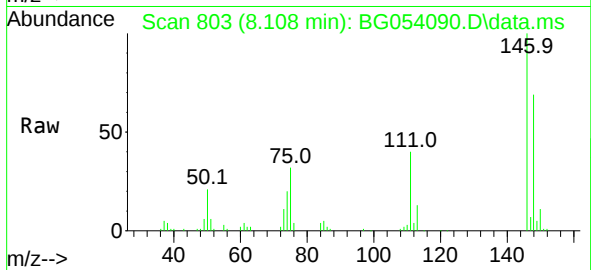




#13
1,4-Dichlorobenzene
Concen: 42.134 ng
RT: 8.108 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

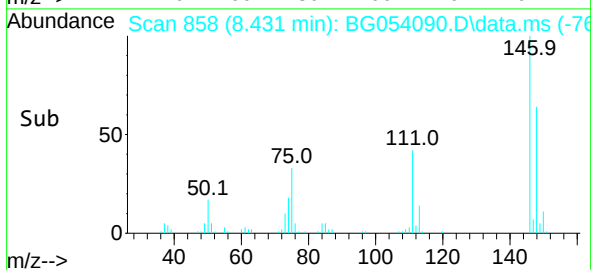
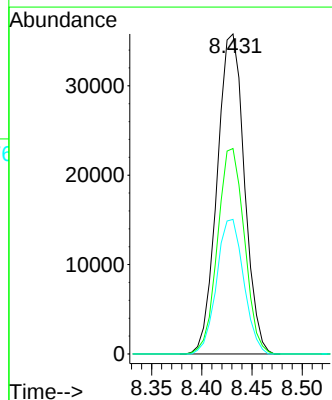
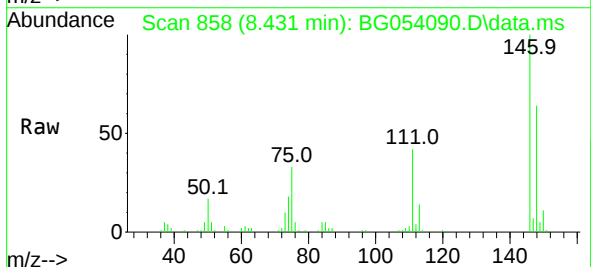
Instrument :
BNA_G
ClientSampleId :
PB145813BS

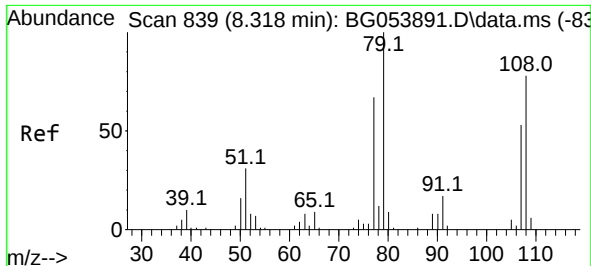
Tgt Ion:146 Resp: 67366
Ion Ratio Lower Upper
146 100
148 68.5 51.5 77.3
111 40.1 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 43.977 ng
RT: 8.431 min Scan# 858
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:146 Resp: 67498
Ion Ratio Lower Upper
146 100
148 64.2 52.6 78.8
111 42.1 34.5 51.7

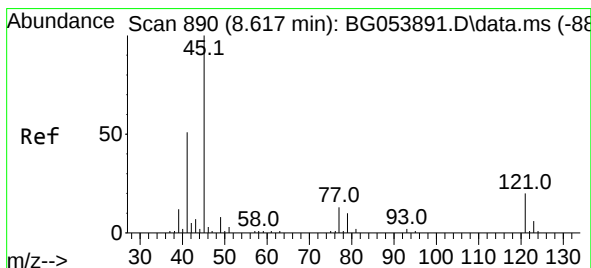
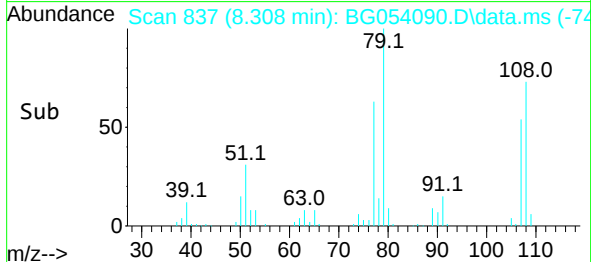
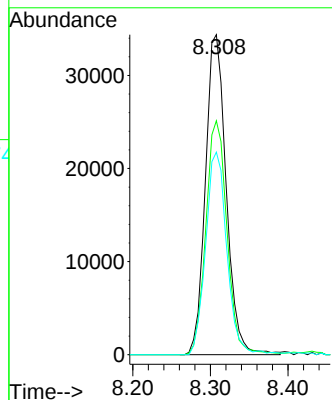
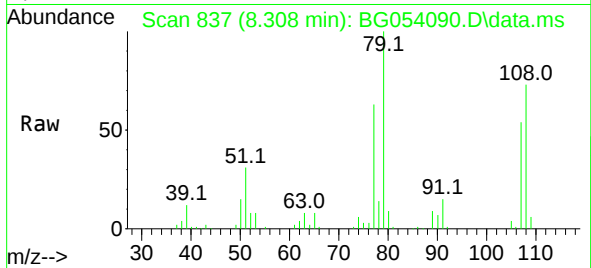




#15
Benzyl Alcohol
Concen: 53.071 ng
RT: 8.308 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

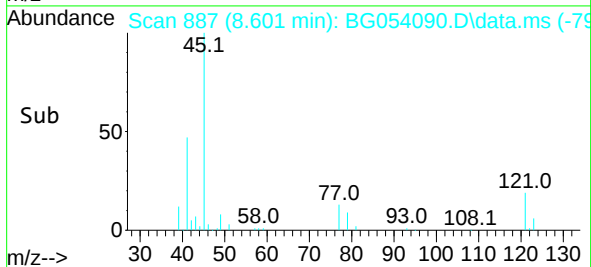
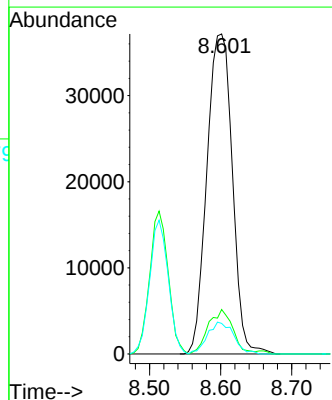
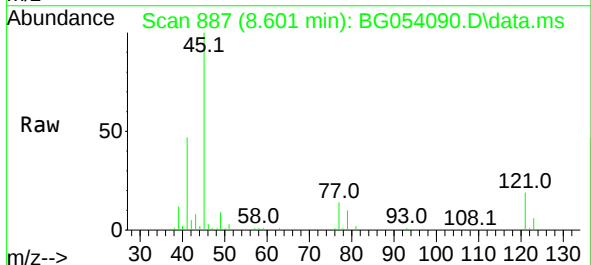
Instrument :
BNA_G
ClientSampleId :
PB145813BS

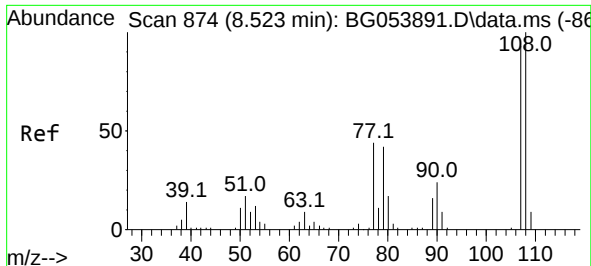
Tgt Ion: 79 Resp: 64013
Ion Ratio Lower Upper
79 100
108 73.1 53.7 80.5
77 63.3 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.227 ng
RT: 8.601 min Scan# 887
Delta R.T. 0.008 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

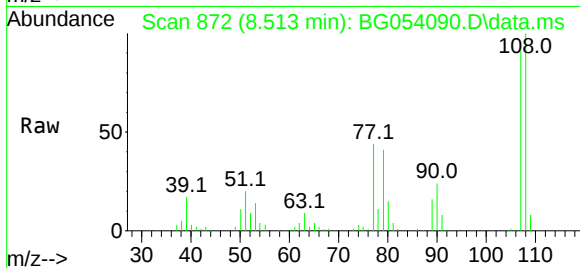
Tgt Ion: 45 Resp: 92382
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.7
79 9.5 0.0 29.7



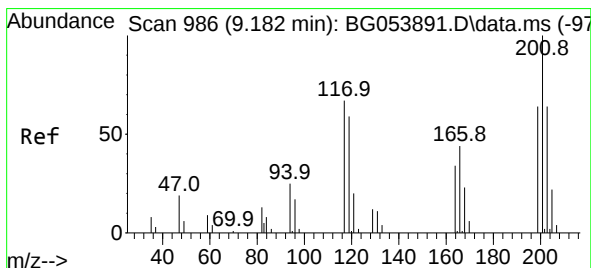
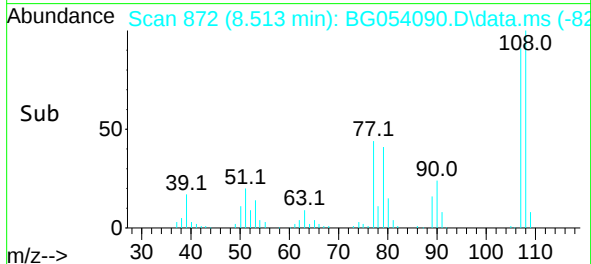
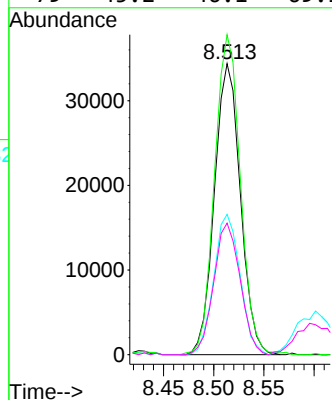


#17
2-Methylphenol
Concen: 54.395 ng
RT: 8.513 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Instrument :
BNA_G
ClientSampleId :
PB145813BS

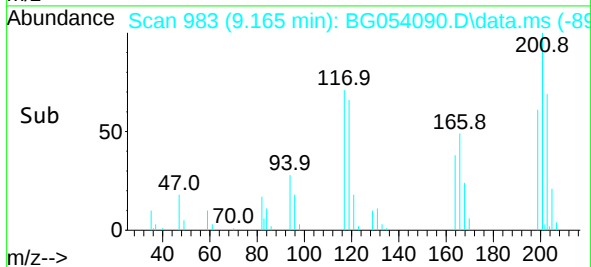
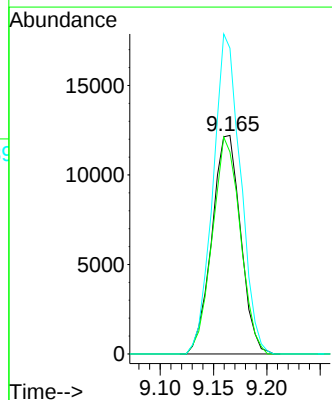
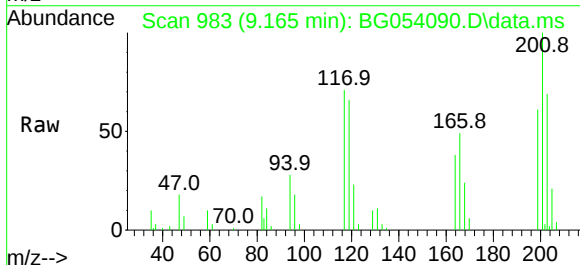


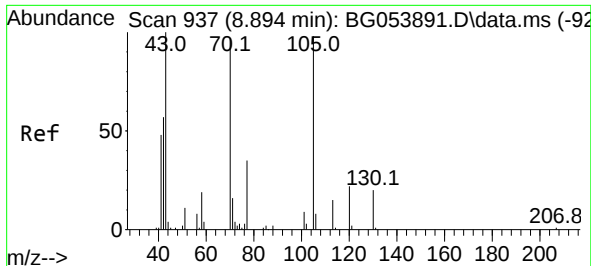
Tgt Ion:107 Resp: 61802
Ion Ratio Lower Upper
107 100
108 109.9 85.4 128.0
77 48.2 46.2 69.2
79 45.2 46.1 69.1#



#18
Hexachloroethane
Concen: 43.175 ng
RT: 9.165 min Scan# 983
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:117 Resp: 22900
Ion Ratio Lower Upper
117 100
119 92.4 75.0 112.6
201 139.9 89.0 133.6#





#19

n-Nitroso-di-n-propylamine

Concen: 49.005 ng

RT: 8.878 min Scan# 91

Delta R.T. 0.002 min

Lab File: BG054090.D

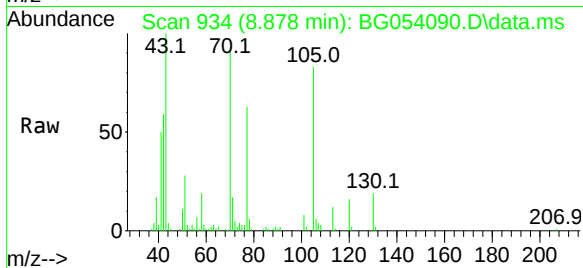
Acq: 27 Jun 2022 12:57

Instrument :

BNA_G

ClientSampleId :

PB145813BS



Tgt Ion: 70 Resp: 53133

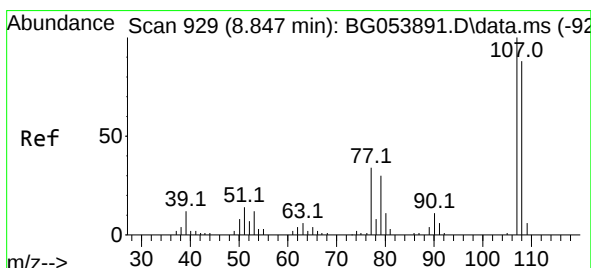
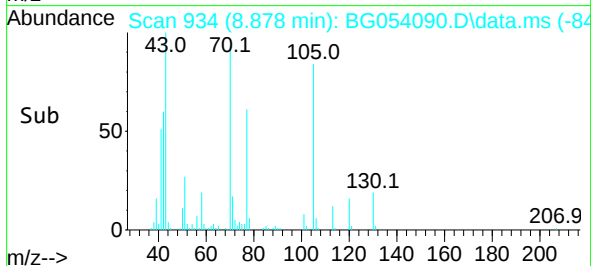
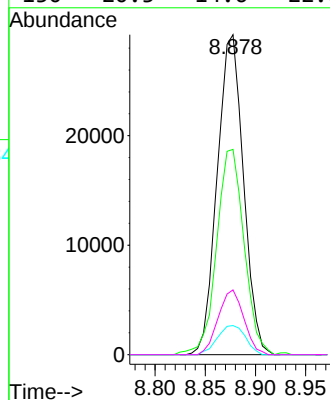
Ion Ratio Lower Upper

70 100

42 64.2 47.3 70.9

101 9.1 7.0 10.4

130 20.3 14.6 22.0



#20

3+4-Methylphenols

Concen: 52.543 ng

RT: 8.842 min Scan# 928

Delta R.T. 0.008 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

Tgt Ion: 107 Resp: 83721

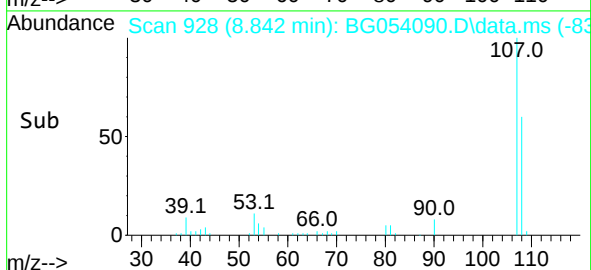
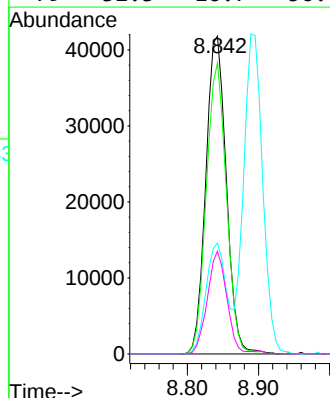
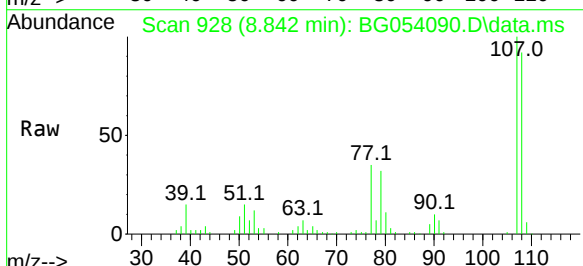
Ion Ratio Lower Upper

107 100

108 91.7 67.5 107.5

77 34.9 20.3 60.3

79 32.3 16.7 56.7

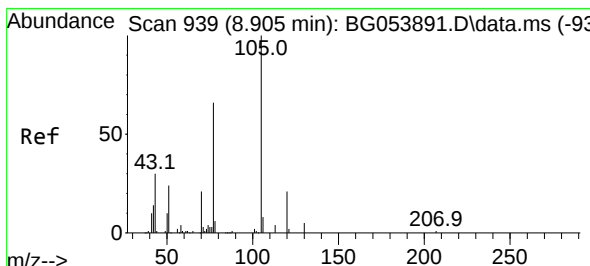
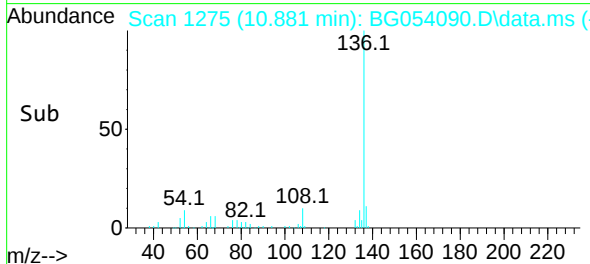
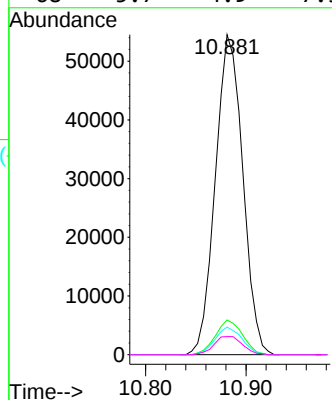
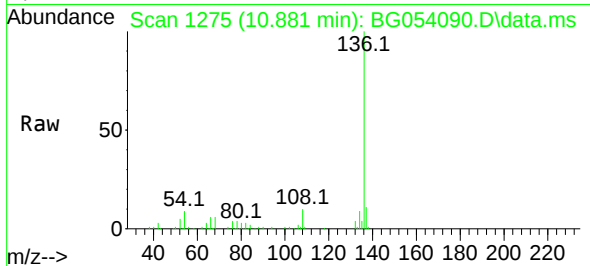




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

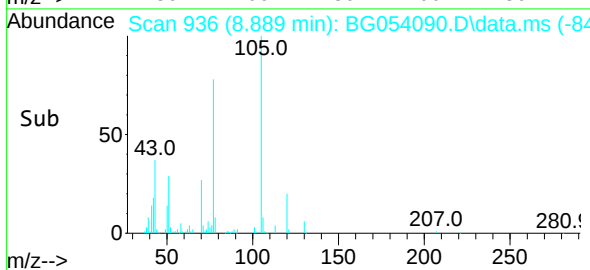
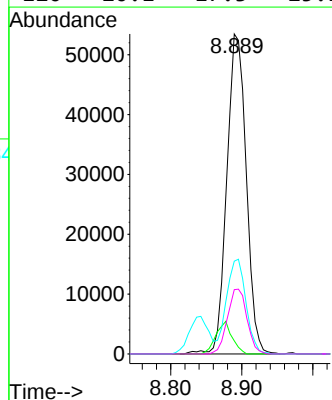
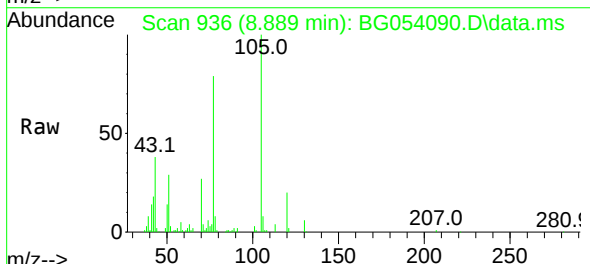
Instrument :
BNA_G
ClientSampleId :
PB145813BS

Tgt Ion:	136	Resp:	103242
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	8.6	7.4	11.2
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 40.421 ng
RT: 8.889 min Scan# 936
Delta R.T. -0.004 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:	105	Resp:	101438
Ion Ratio	Lower	Upper	
105	100		
71	4.1	1.1	1.7#
51	29.0	25.4	38.0
120	20.1	17.3	25.9

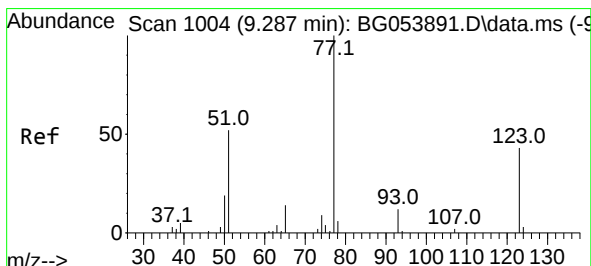
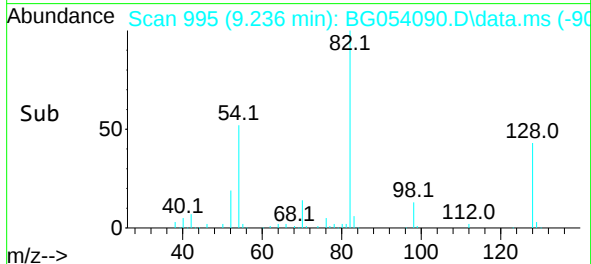
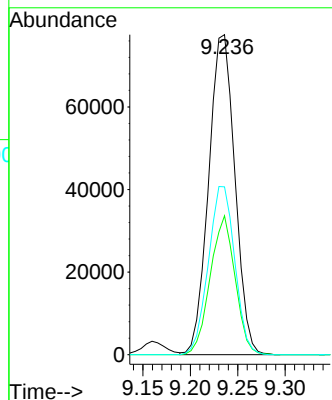
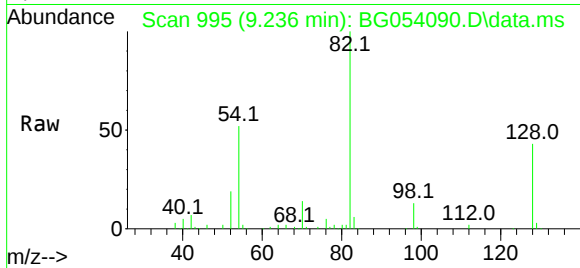




#23
Nitrobenzene-d5
Concen: 81.329 ng
RT: 9.236 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

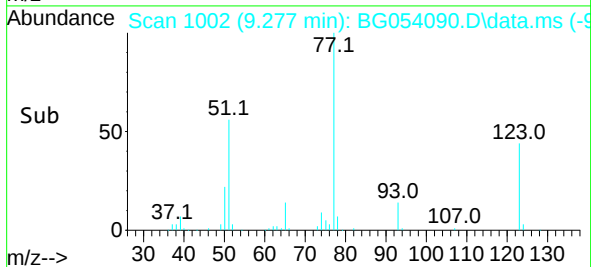
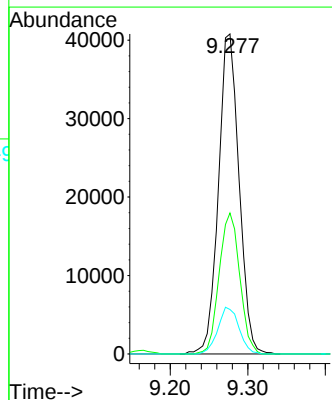
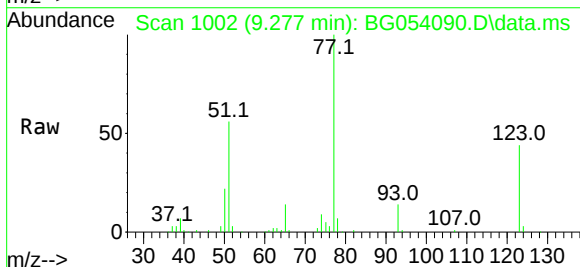
Instrument :
BNA_G
ClientSampleId :
PB145813BS

Tgt Ion: 82 Resp: 149415
Ion Ratio Lower Upper
82 100
128 43.4 27.9 41.9#
54 52.5 41.2 61.8



#24
Nitrobenzene
Concen: 41.629 ng
RT: 9.277 min Scan# 1002
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion: 77 Resp: 75313
Ion Ratio Lower Upper
77 100
123 44.1 27.4 41.0#
65 13.9 11.4 17.0

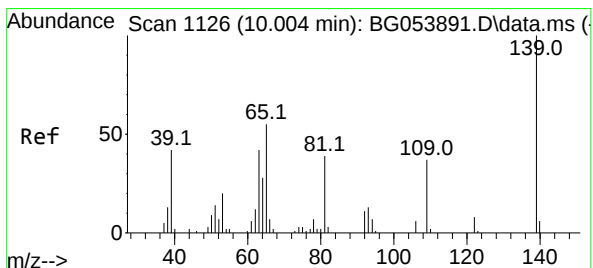
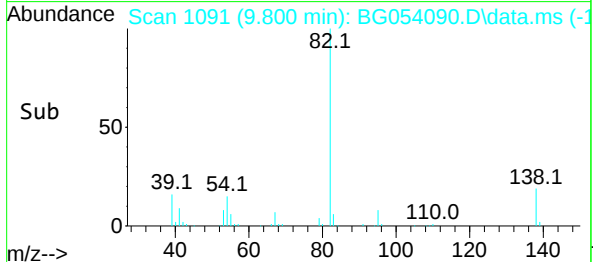
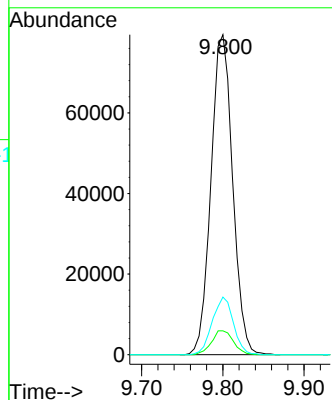
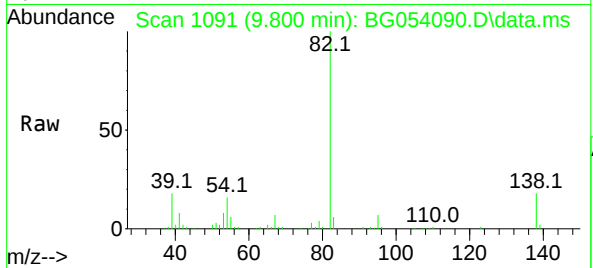




#25
Isophorone
Concen: 42.917 ng
RT: 9.800 min Scan# 1093
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

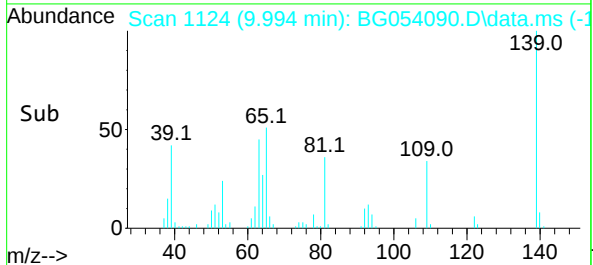
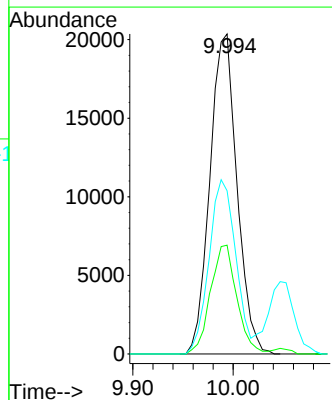
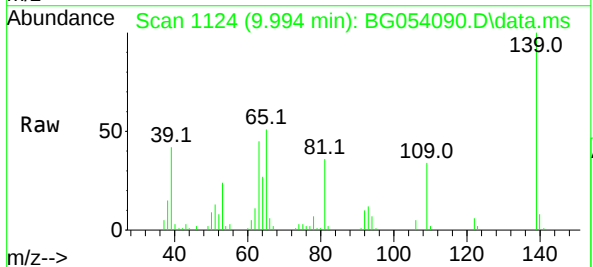
Instrument :
BNA_G
ClientSampleId :
PB145813BS

Tgt Ion: 82 Resp: 147254
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.4
138 18.0 11.6 17.4#



#26
2-Nitrophenol
Concen: 47.807 ng
RT: 9.994 min Scan# 1124
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion: 139 Resp: 38201
Ion Ratio Lower Upper
139 100
109 34.0 36.1 54.1#
65 51.0 55.8 83.6#

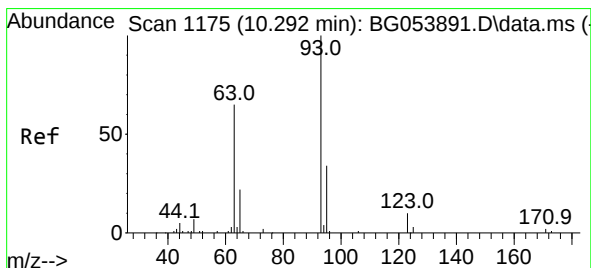
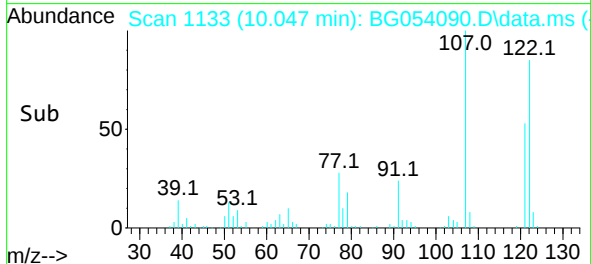
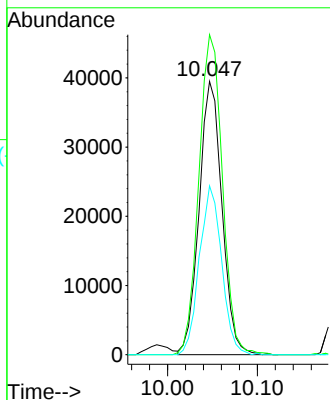
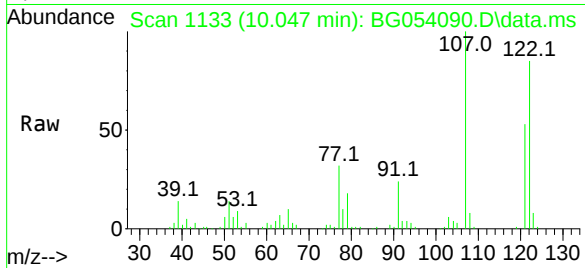




#27
2,4-Dimethylphenol
Concen: 54.035 ng
RT: 10.047 min Scan# 1135
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

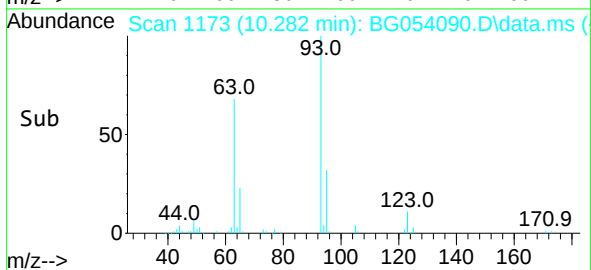
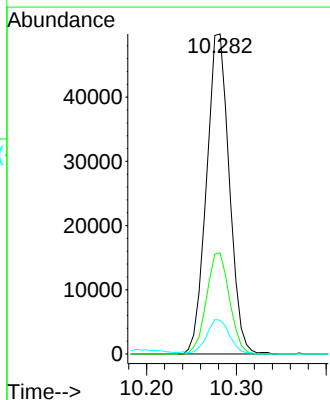
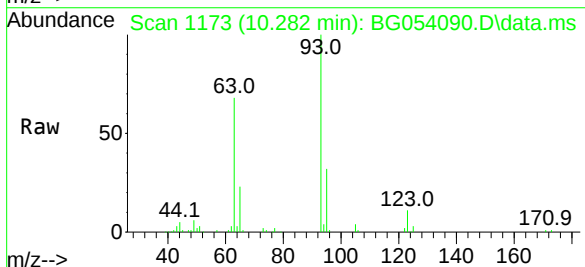
Instrument :
BNA_G
ClientSampleId :
PB145813BS

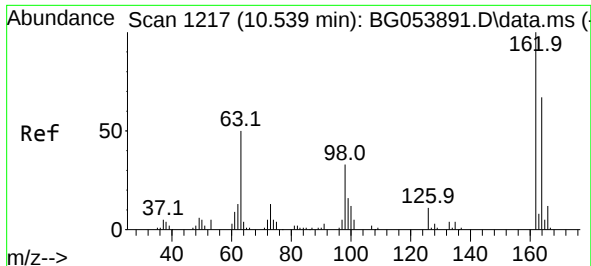
Tgt Ion:122 Resp: 69886
Ion Ratio Lower Upper
122 100
107 117.1 109.4 164.0
121 61.8 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 47.500 ng
RT: 10.282 min Scan# 1173
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion: 93 Resp: 87799
Ion Ratio Lower Upper
93 100
95 31.6 26.9 40.3
123 10.6 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 47.384 ng

RT: 10.529 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

Instrument :

BNA_G

ClientSampleId :

PB145813BS

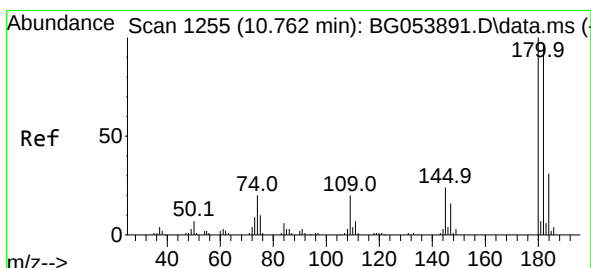
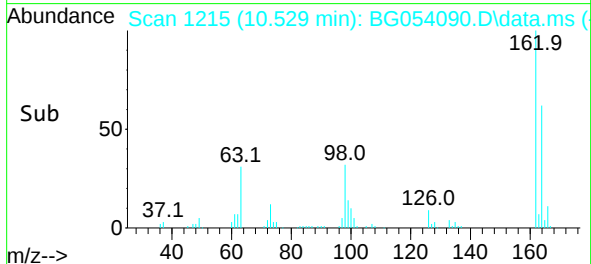
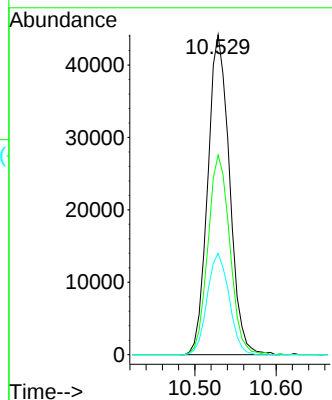
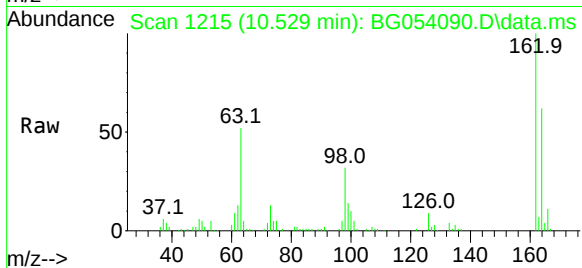
Tgt Ion:162 Resp: 82168

Ion Ratio Lower Upper

162 100

164 62.4 46.6 86.6

98 31.6 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 37.243 ng

RT: 10.746 min Scan# 1252

Delta R.T. 0.002 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

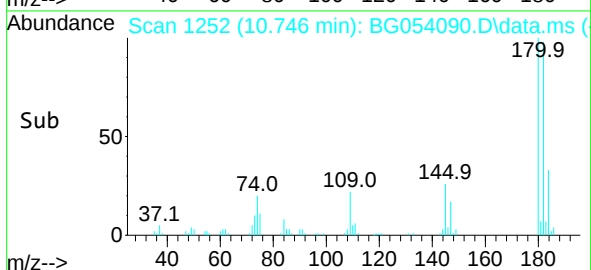
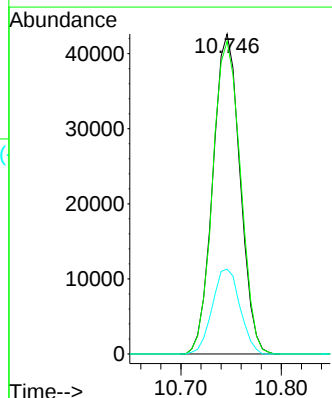
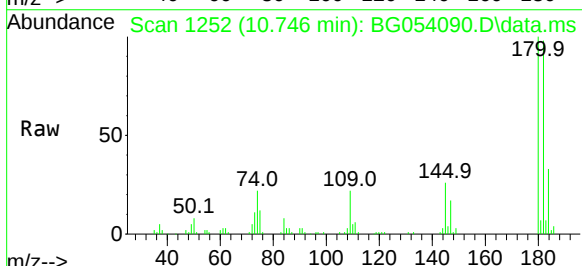
Tgt Ion:180 Resp: 79967

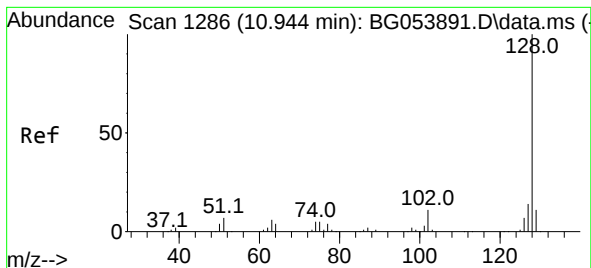
Ion Ratio Lower Upper

180 100

182 97.7 76.6 115.0

145 26.5 25.0 37.4





#31

Naphthalene

Concen: 40.045 ng

RT: 10.934 min Scan# 1159

Delta R.T. 0.002 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

Instrument :

BNA_G

ClientSampleId :

PB145813BS

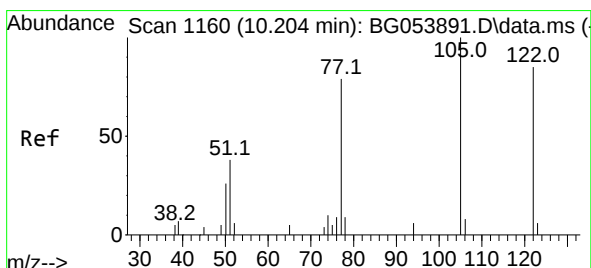
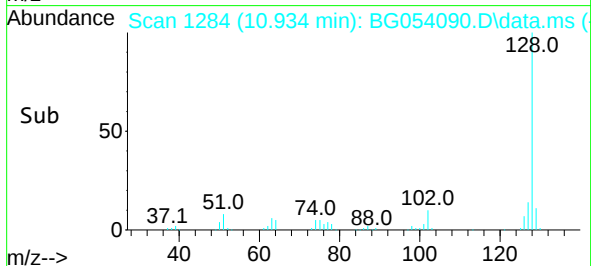
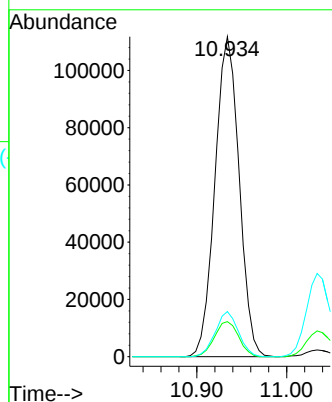
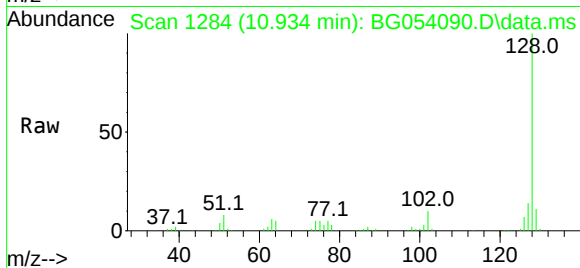
Tgt Ion:128 Resp: 208712

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

127 14.1 11.1 16.7



#32

Benzoic acid

Concen: 49.554 ng

RT: 10.200 min Scan# 1159

Delta R.T. 0.002 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

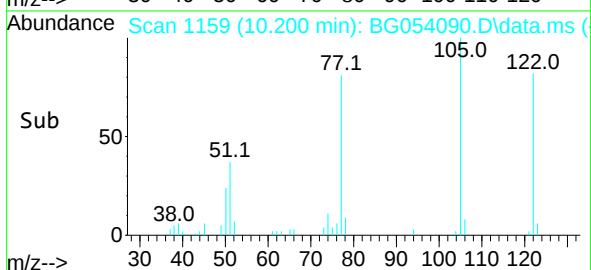
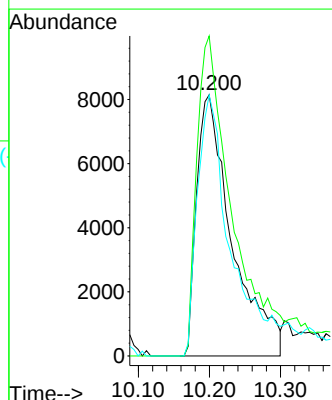
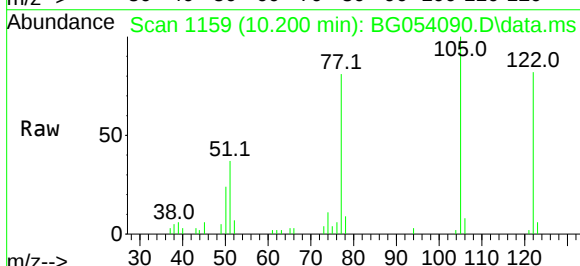
Tgt Ion:122 Resp: 28191

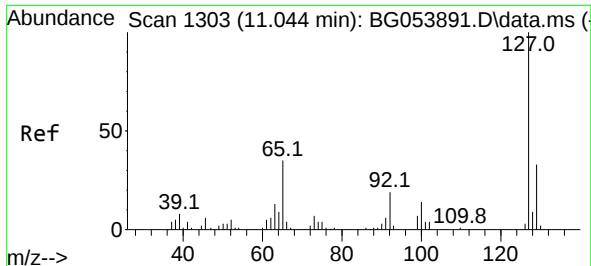
Ion Ratio Lower Upper

122 100

105 122.6 111.8 151.8

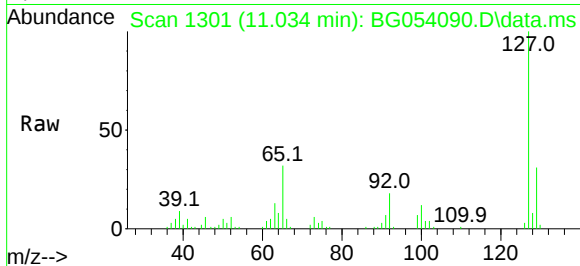
77 99.9 109.4 149.4#



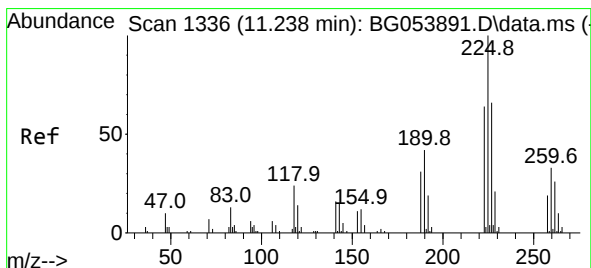
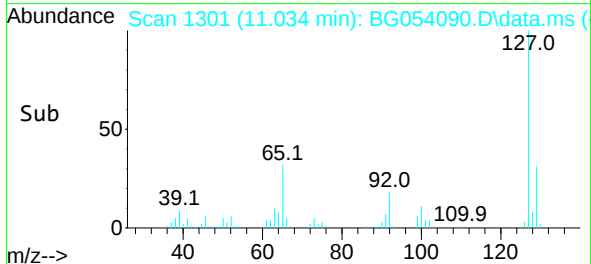
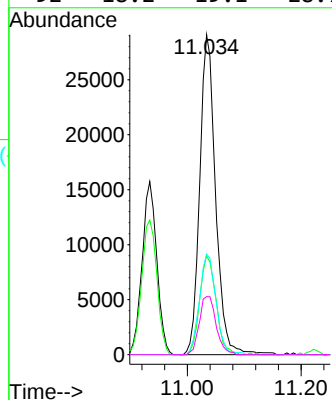


#33
4-Chloroaniline
Concen: 26.101 ng
RT: 11.034 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Instrument :
BNA_G
ClientSampleId :
PB145813BS

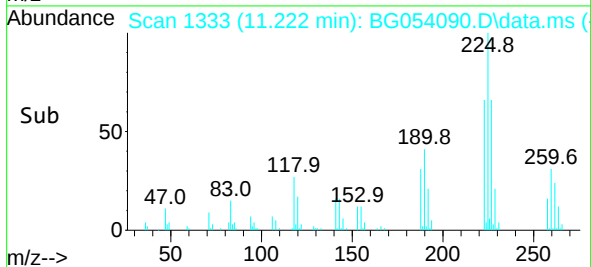
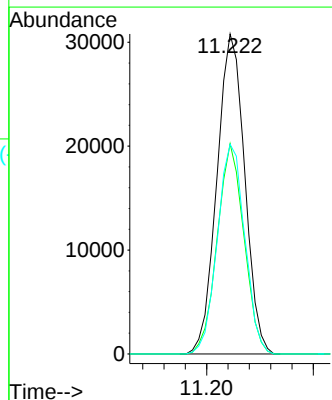
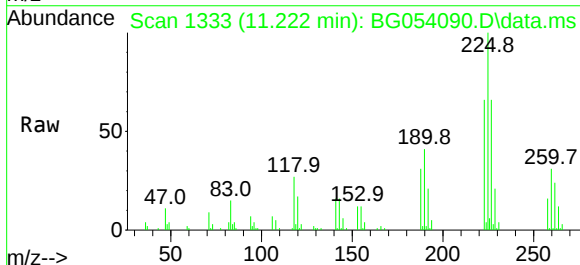


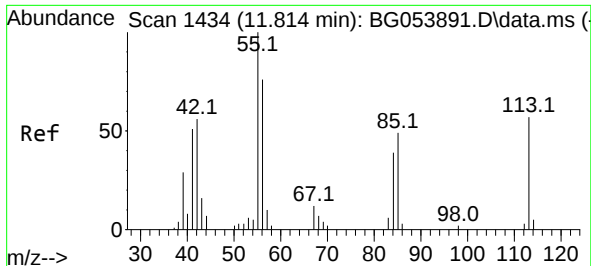
Tgt Ion:	127	Resp:	56435
Ion Ratio	Lower	Upper	
127	100		
129	30.9	26.3	39.5
65	31.5	31.1	46.7
92	18.2	19.1	28.7



#34
Hexachlorobutadiene
Concen: 33.723 ng
RT: 11.222 min Scan# 1333
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:	225	Resp:	55669
Ion Ratio	Lower	Upper	
225	100		
223	62.2	48.9	73.3
227	65.0	52.8	79.2

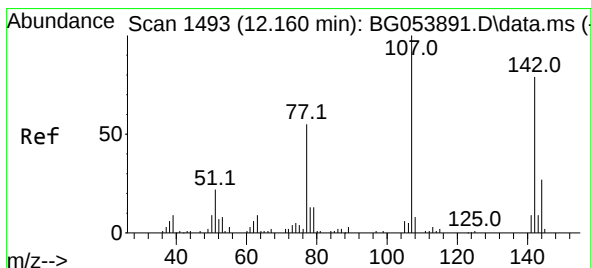
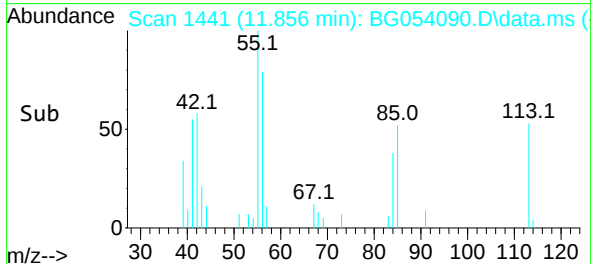
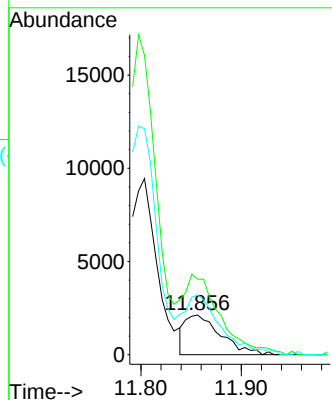
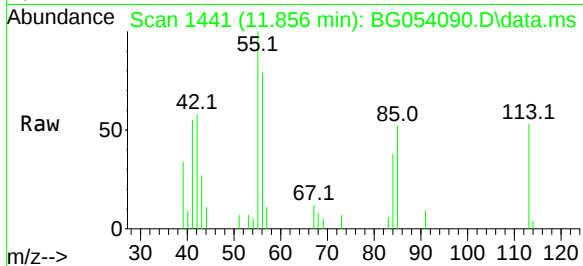




#35
Caprolactam
Concen: 10.975 ng
RT: 11.856 min Scan# 1434
Delta R.T. 0.067 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

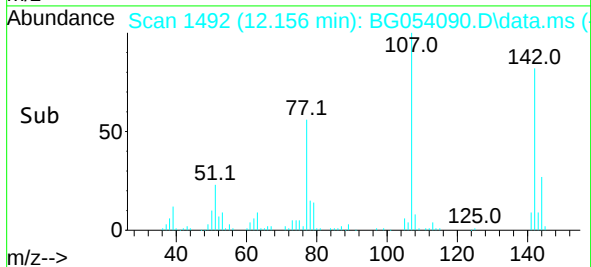
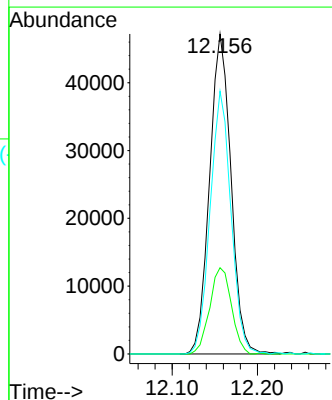
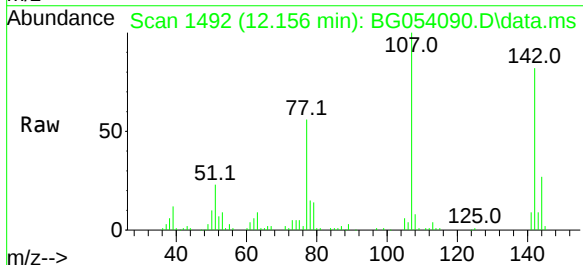
Instrument :
BNA_G
ClientSampleId :
PB145813BS

Tgt Ion:113 Resp: 5239
Ion Ratio Lower Upper
113 100
55 190.1 169.8 209.8
56 150.5 141.2 181.2



#36
4-Chloro-3-methylphenol
Concen: 48.880 ng
RT: 12.156 min Scan# 1492
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:107 Resp: 82398
Ion Ratio Lower Upper
107 100
144 27.0 18.5 27.7
142 82.1 55.0 82.4

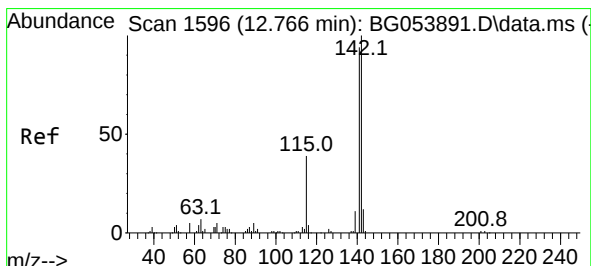
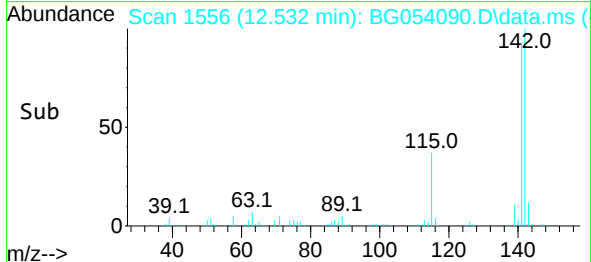
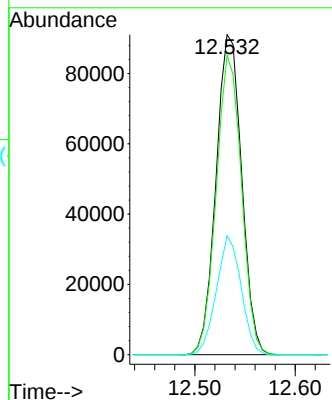
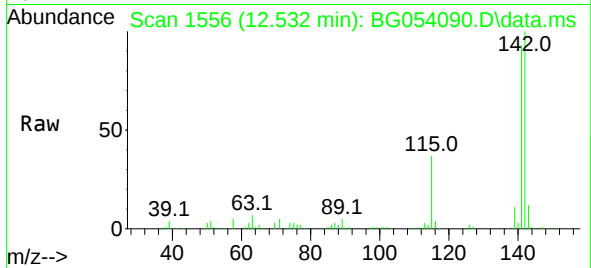




#37
2-Methylnaphthalene
Concen: 41.812 ng
RT: 12.532 min Scan# 1556
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

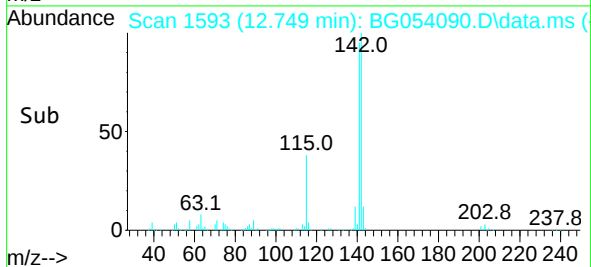
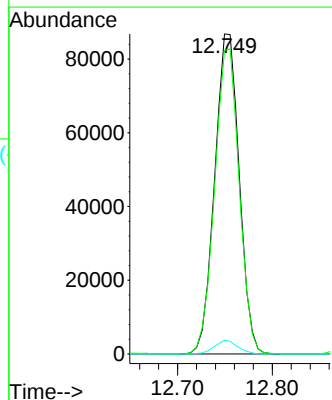
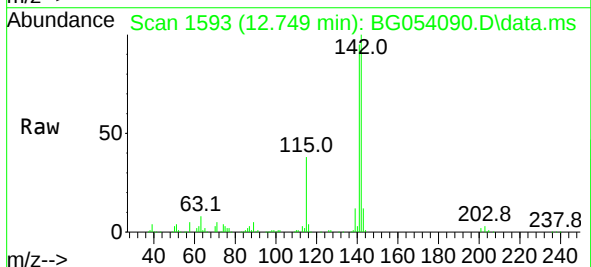
Instrument :
BNA_G
ClientSampleId :
PB145813BS

Tgt Ion:142 Resp: 161234
Ion Ratio Lower Upper
142 100
141 93.5 72.3 108.5
115 37.2 33.7 50.5



#38
1-Methylnaphthalene
Concen: 41.485 ng
RT: 12.749 min Scan# 1593
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:142 Resp: 155764
Ion Ratio Lower Upper
142 100
141 94.9 76.4 114.6
116 4.3 3.3 4.9

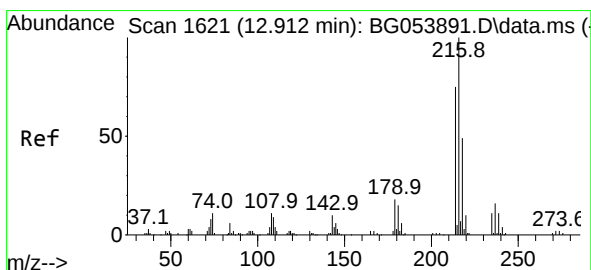
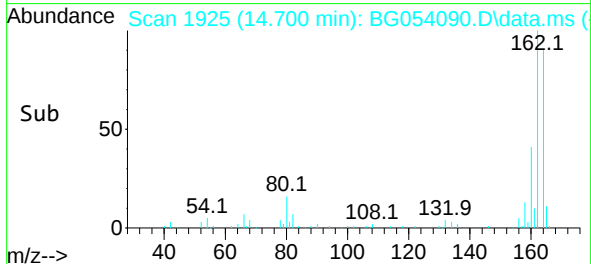
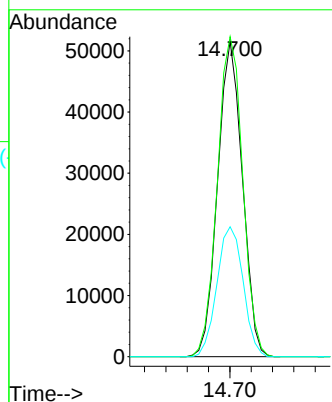
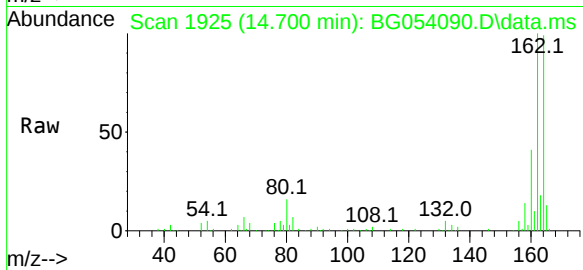




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.700 min Scan# 1619
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

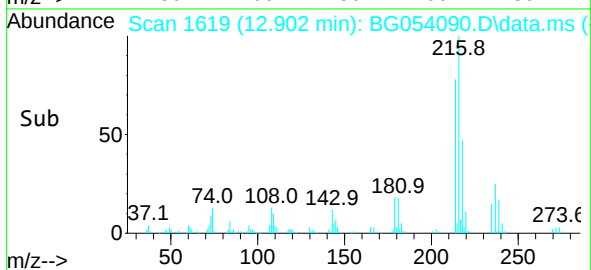
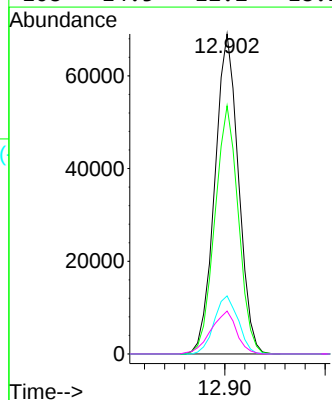
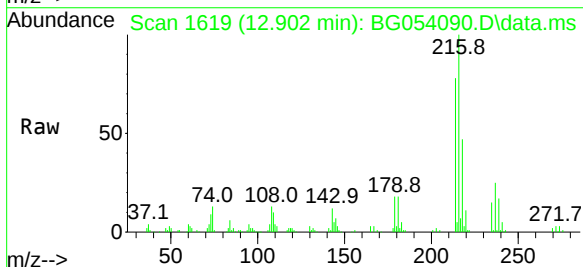
Instrument :
BNA_G
ClientSampleId :
PB145813BS

Tgt Ion:164 Resp: 82927
Ion Ratio Lower Upper
164 100
162 101.5 82.3 123.5
160 41.2 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.348 ng
RT: 12.902 min Scan# 1619
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:216 Resp: 112952
Ion Ratio Lower Upper
216 100
214 77.0 62.9 94.3
179 18.4 16.1 24.1
108 14.5 12.2 18.2

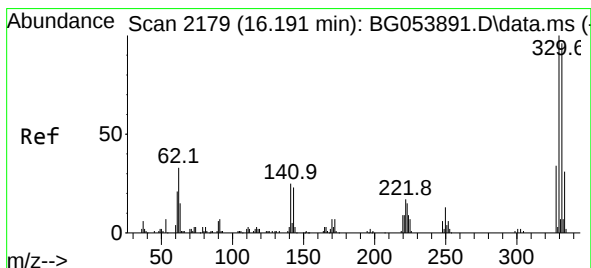
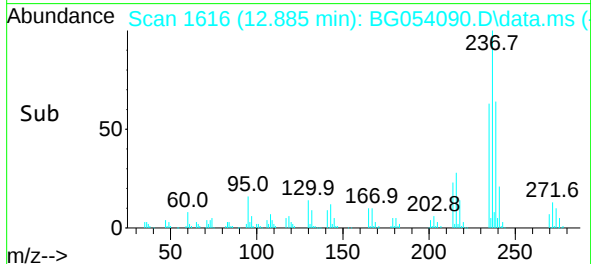
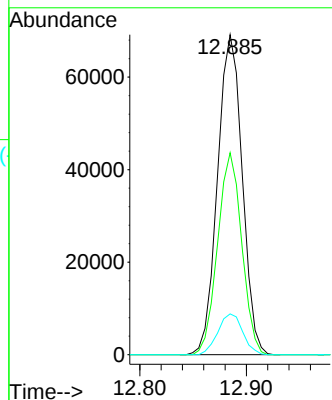
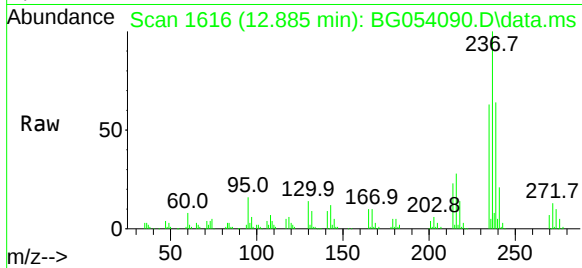




#41
Hexachlorocyclopentadiene
Concen: 74.766 ng
RT: 12.885 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

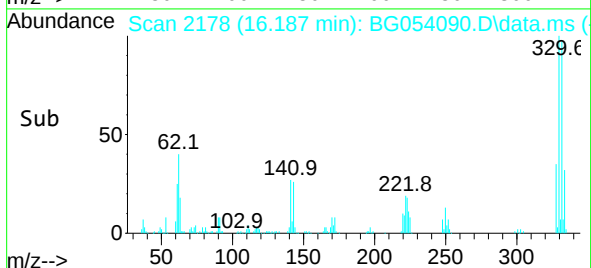
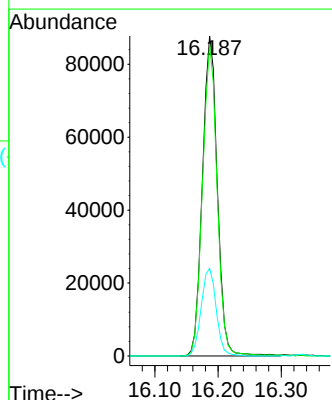
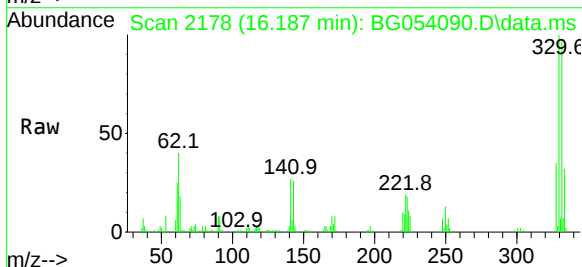
Instrument :
BNA_G
ClientSampleId :
PB145813BS

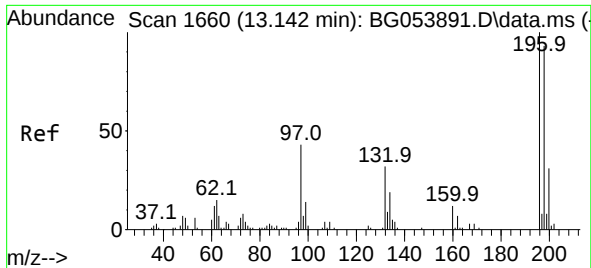
Tgt Ion:237 Resp: 111245
Ion Ratio Lower Upper
237 100
235 63.1 43.5 83.5
272 12.8 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 107.490 ng
RT: 16.187 min Scan# 2178
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:330 Resp: 143216
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 27.5 27.1 40.7

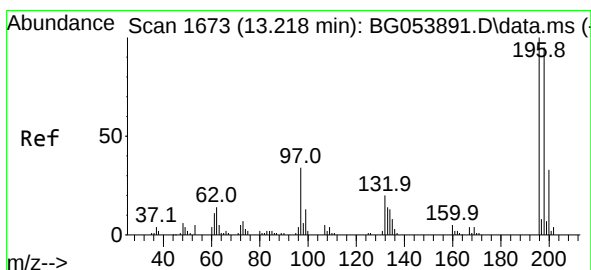
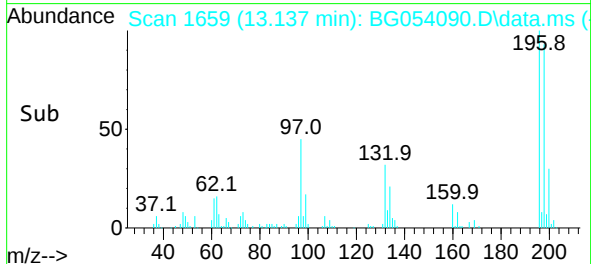
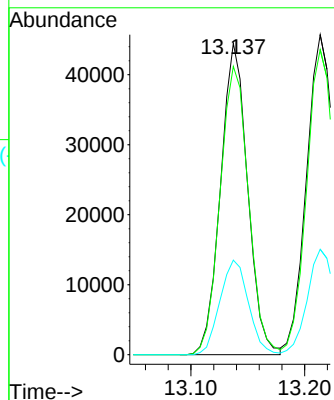
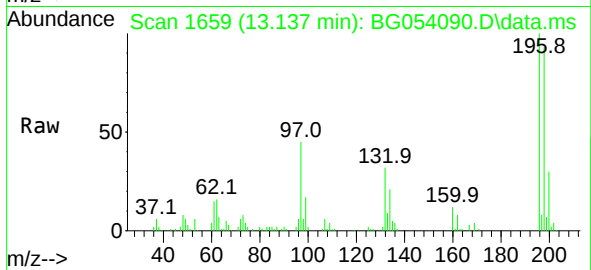




#43
2,4,6-Trichlorophenol
Concen: 41.051 ng
RT: 13.137 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

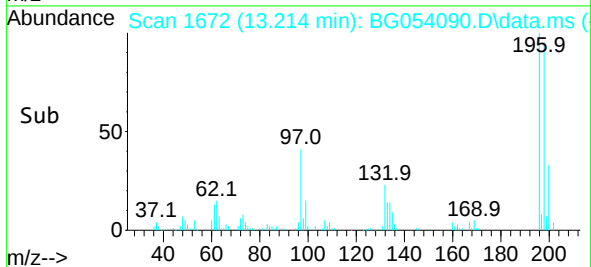
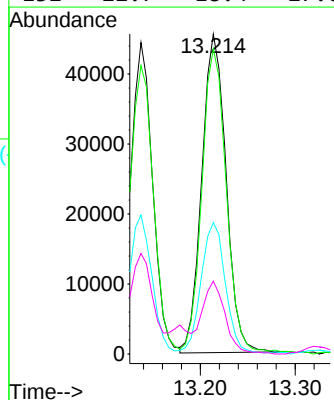
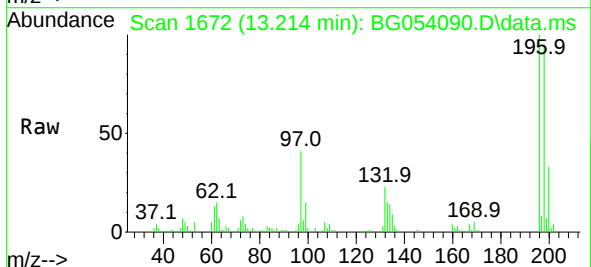
Instrument :
BNA_G
ClientSampleId :
PB145813BS

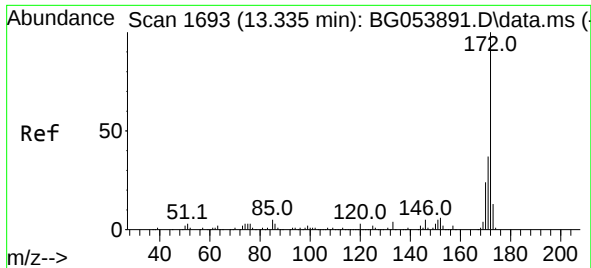
Tgt Ion:196 Resp: 73683
Ion Ratio Lower Upper
196 100
198 92.6 74.1 111.1
200 30.4 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 40.369 ng
RT: 13.214 min Scan# 1672
Delta R.T. 0.008 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:196 Resp: 80906
Ion Ratio Lower Upper
196 100
198 95.3 76.8 115.2
97 41.0 39.8 59.6
132 22.7 18.4 27.6

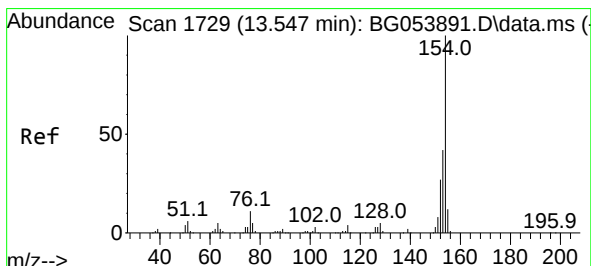
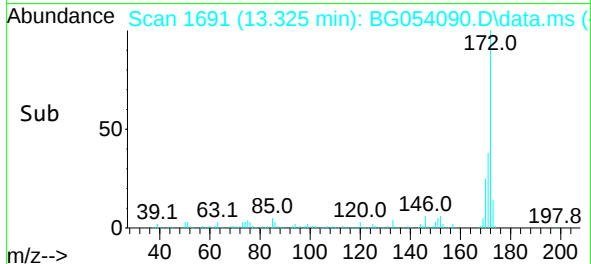
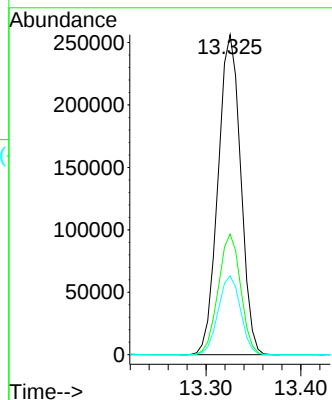
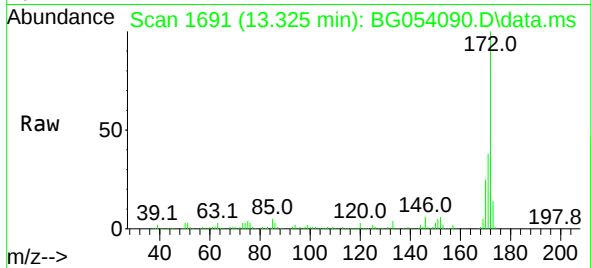




#45
2-Fluorobiphenyl
Concen: 74.527 ng
RT: 13.325 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

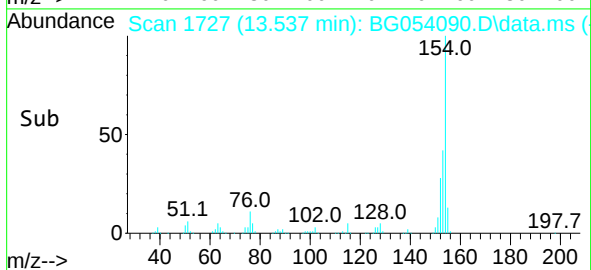
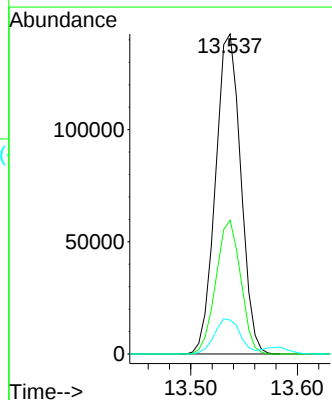
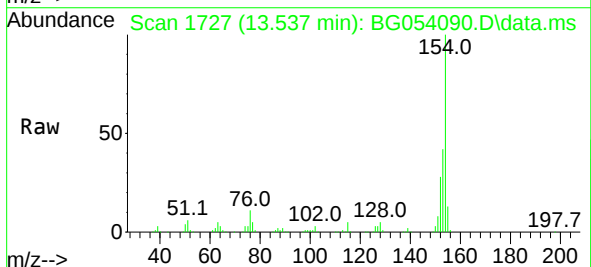
Instrument :
BNA_G
ClientSampleId :
PB145813BS

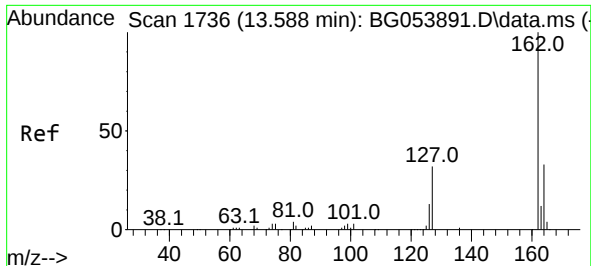
Tgt Ion:172 Resp: 425018
Ion Ratio Lower Upper
172 100
171 37.7 28.5 42.7
170 24.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.585 ng
RT: 13.537 min Scan# 1727
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:154 Resp: 234436
Ion Ratio Lower Upper
154 100
153 41.8 21.6 61.6
76 10.6 0.0 32.6

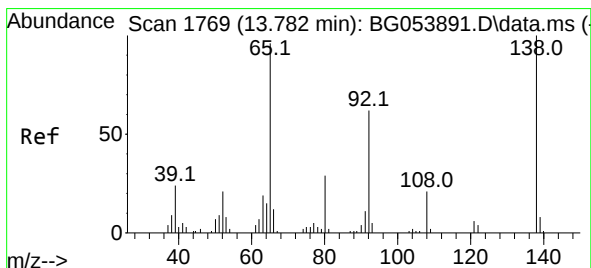
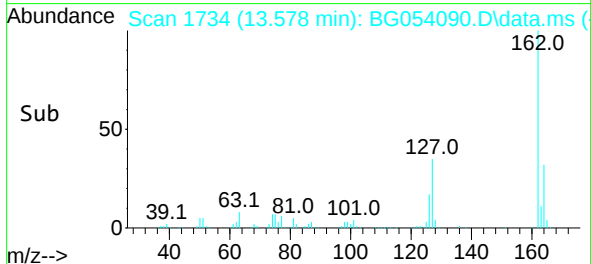
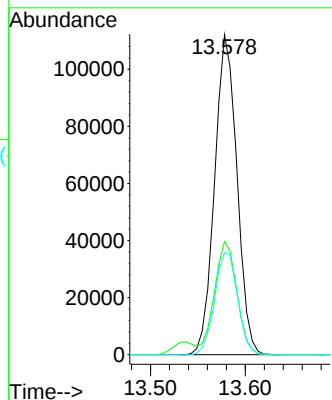
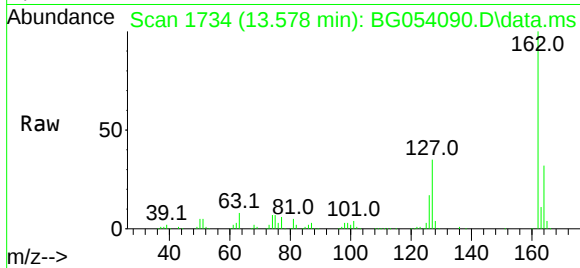




#47
2-Chloronaphthalene
Concen: 39.243 ng
RT: 13.578 min Scan# 1734
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

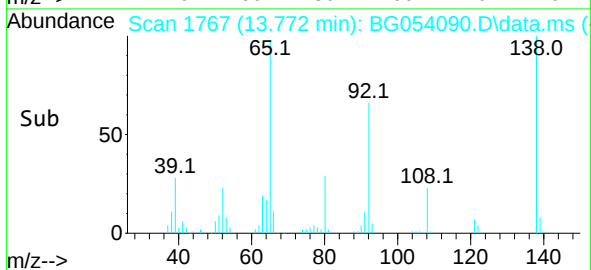
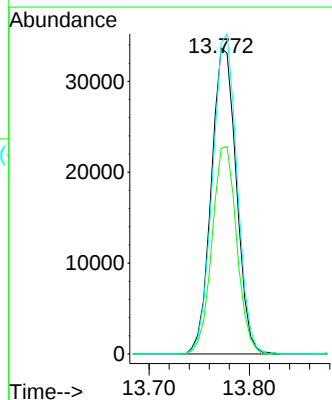
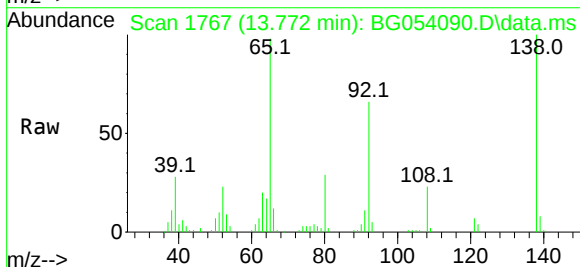
Instrument :
BNA_G
ClientSampleId :
PB145813BS

Tgt Ion:162 Resp: 183454
Ion Ratio Lower Upper
162 100
127 35.3 30.6 45.8
164 31.9 26.5 39.7



#48
2-Nitroaniline
Concen: 46.891 ng
RT: 13.772 min Scan# 1767
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion: 65 Resp: 58311
Ion Ratio Lower Upper
65 100
92 67.2 51.5 77.3
138 101.9 71.3 106.9

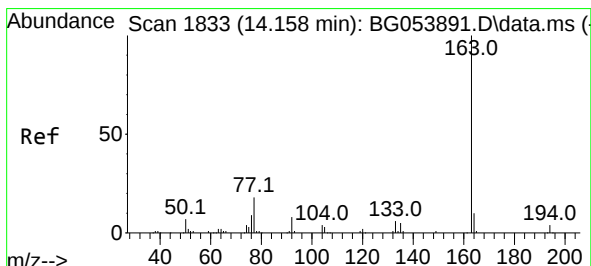
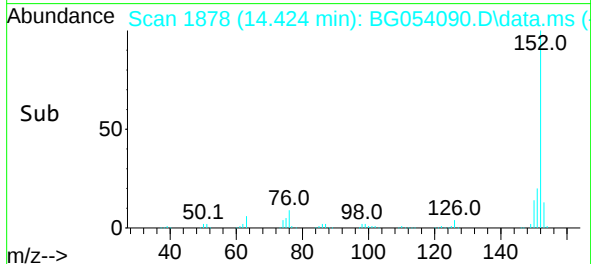
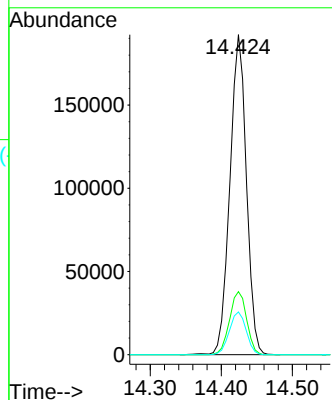
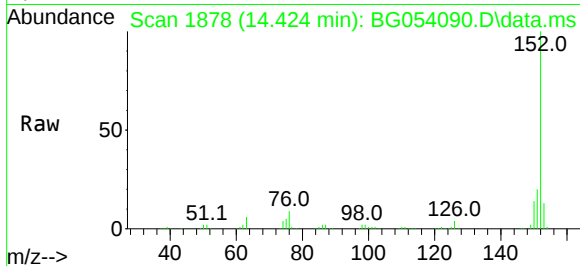




#49
Acenaphthylene
Concen: 42.633 ng
RT: 14.424 min Scan# 1878
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

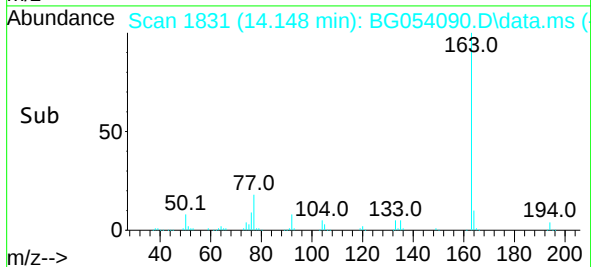
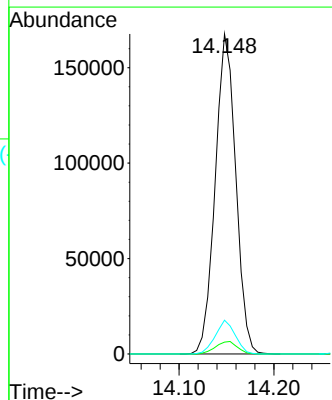
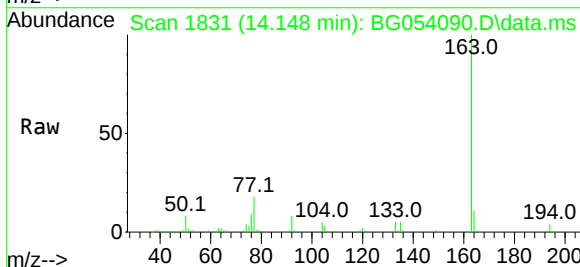
Instrument :
BNA_G
ClientSampleId :
PB145813BS

Tgt Ion:152 Resp: 309908
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6
153 13.4 10.8 16.2



#50
Dimethylphthalate
Concen: 40.046 ng
RT: 14.148 min Scan# 1831
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:163 Resp: 252917
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.6 8.0 12.0

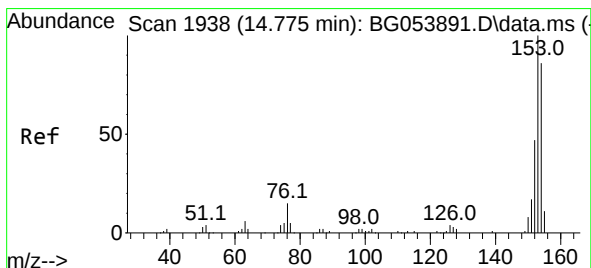
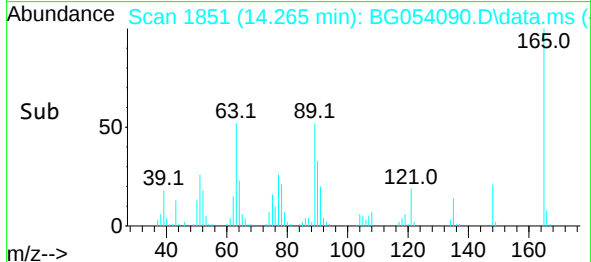
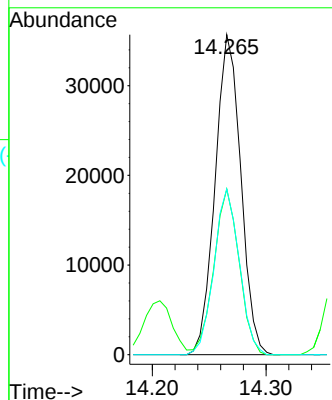
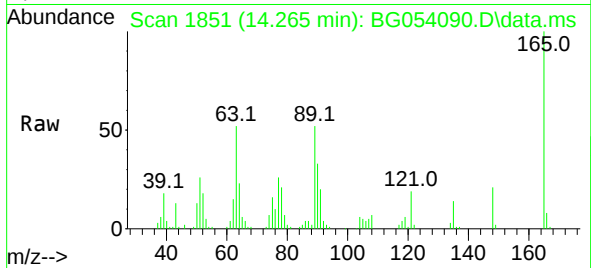




#51
2,6-Dinitrotoluene
Concen: 43.885 ng
RT: 14.265 min Scan# 1851
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

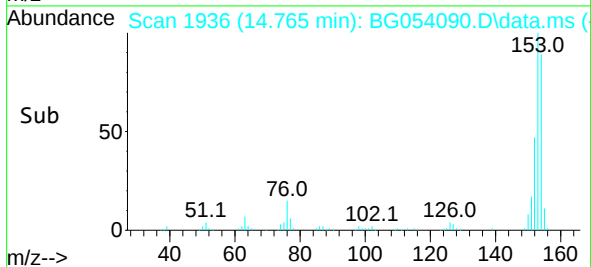
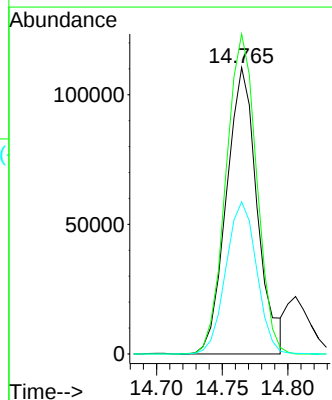
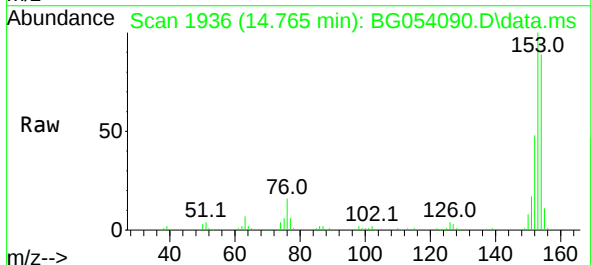
Instrument :
BNA_G
ClientSampleId :
PB145813BS

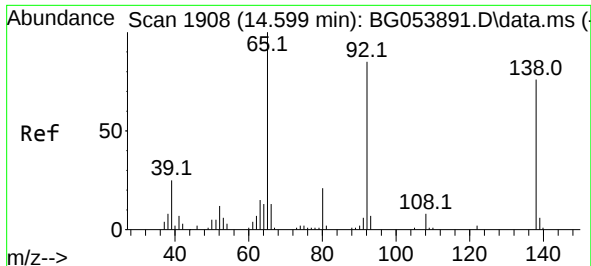
Tgt Ion:165 Resp: 55998
Ion Ratio Lower Upper
165 100
63 51.7 54.1 81.1#
89 51.8 54.8 82.2#



#52
Acenaphthene
Concen: 39.027 ng
RT: 14.765 min Scan# 1936
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:154 Resp: 180836
Ion Ratio Lower Upper
154 100
153 111.8 92.7 139.1
152 53.1 42.6 64.0

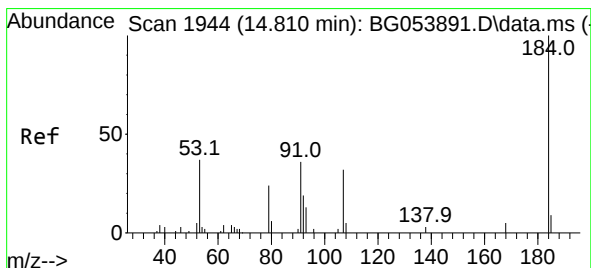
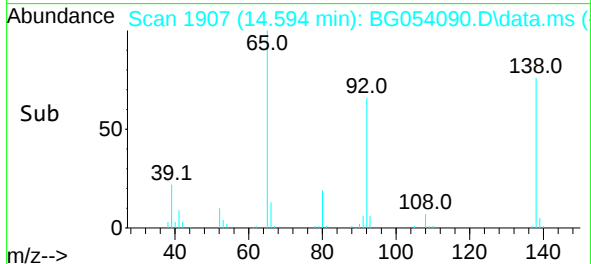
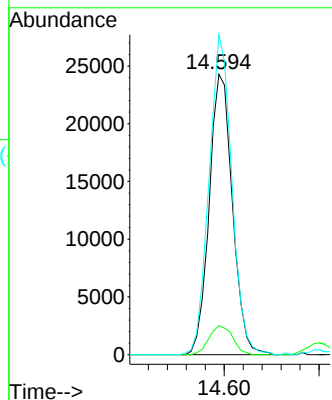
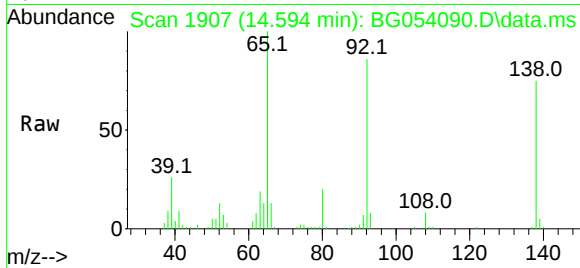




#53
3-Nitroaniline
Concen: 33.421 ng
RT: 14.594 min Scan# 1908
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

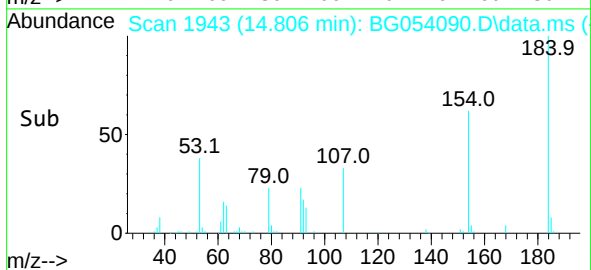
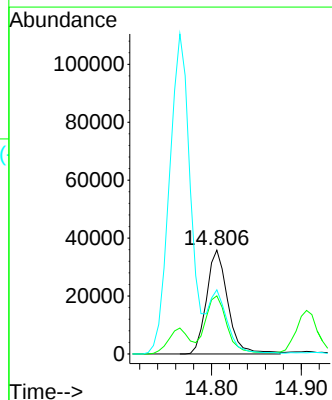
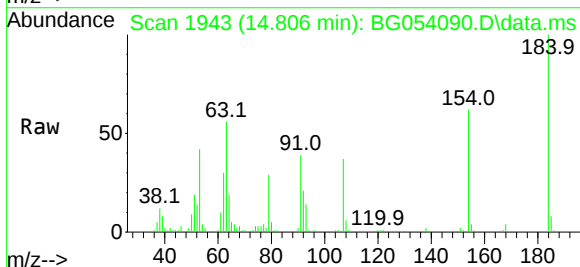
Instrument :
BNA_G
ClientSampleId :
PB145813BS

Tgt Ion:138 Resp: 41316
Ion Ratio Lower Upper
138 100
108 10.4 9.2 13.8
92 114.1 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 83.447 ng
RT: 14.806 min Scan# 1943
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:184 Resp: 58988
Ion Ratio Lower Upper
184 100
63 56.0 61.1 91.7#
154 61.8 60.6 91.0

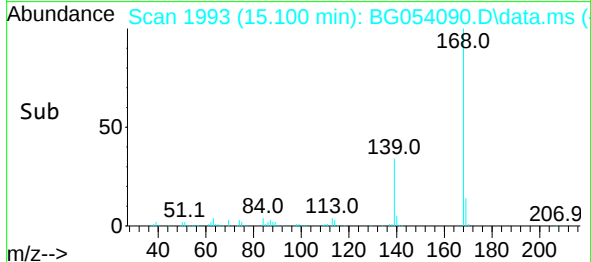
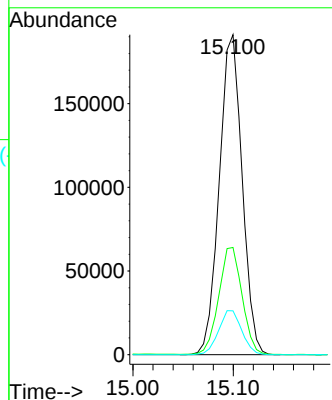
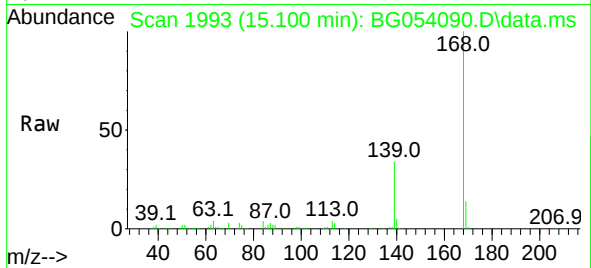




#55
Dibenzofuran
Concen: 40.395 ng
RT: 15.100 min Scan# 1995
Delta R.T. 0.008 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

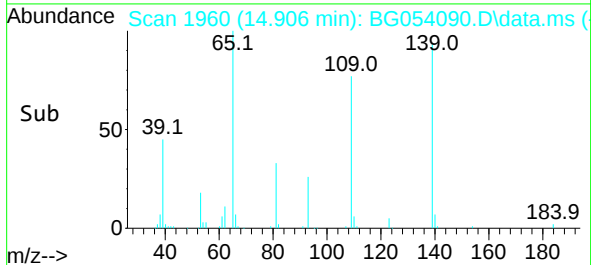
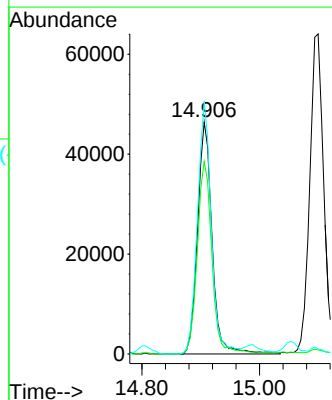
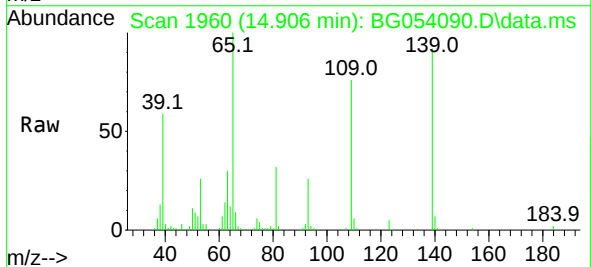
Instrument :
BNA_G
ClientSampleId :
PB145813BS

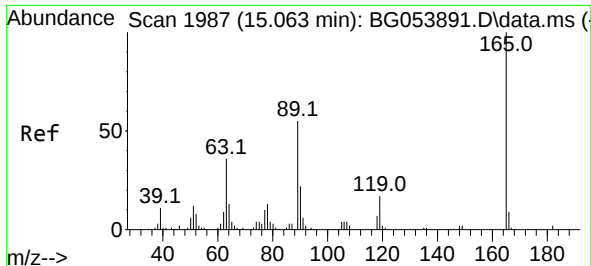
Tgt Ion:168 Resp: 301572
Ion Ratio Lower Upper
168 100
139 33.5 30.5 45.7
169 13.7 10.3 15.5



#56
4-Nitrophenol
Concen: 90.985 ng
RT: 14.906 min Scan# 1960
Delta R.T. 0.008 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:139 Resp: 79855
Ion Ratio Lower Upper
139 100
109 83.0 88.5 128.5#
65 108.9 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 44.039 ng

RT: 15.059 min Scan# 1986

Delta R.T. 0.008 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

Instrument :

BNA_G

ClientSampleId :

PB145813BS

Tgt Ion:165 Resp: 79362

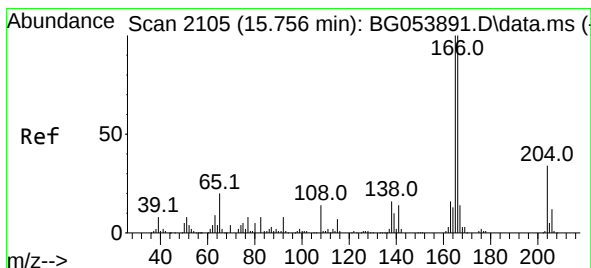
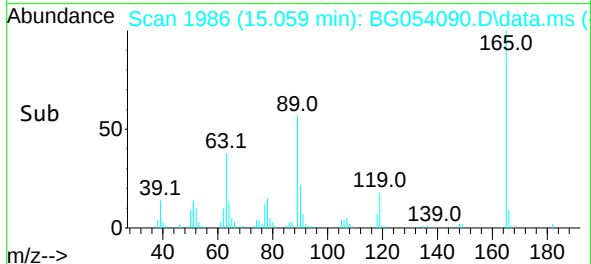
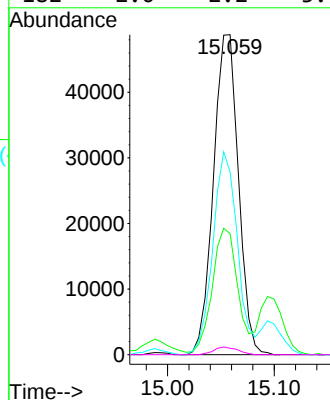
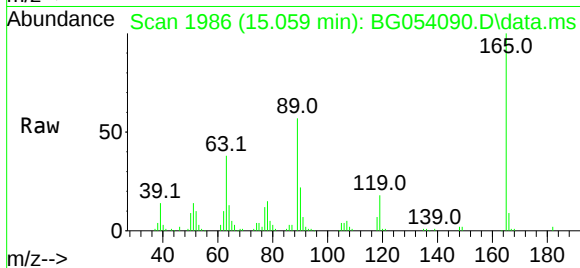
Ion Ratio Lower Upper

165 100

63 37.8 34.6 52.0

89 57.1 60.3 90.5#

182 2.0 2.2 3.4#



#58

Fluorene

Concen: 40.189 ng

RT: 15.746 min Scan# 2103

Delta R.T. 0.002 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

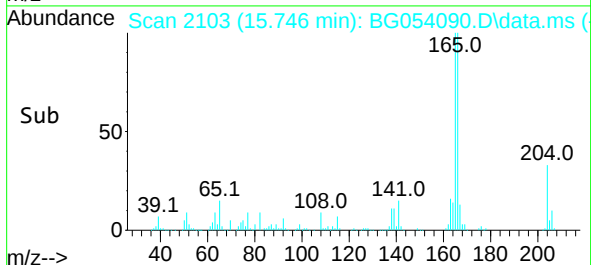
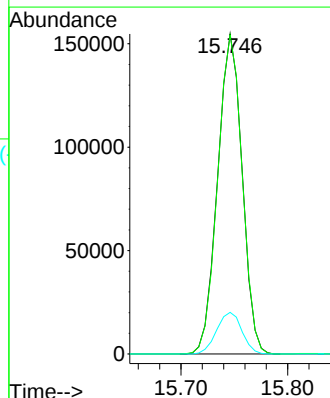
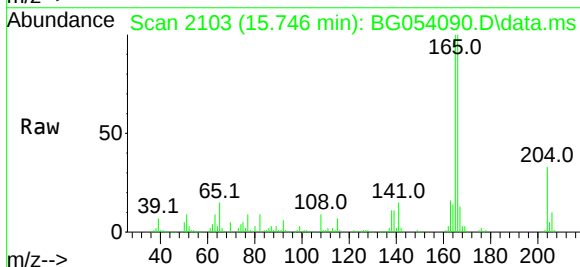
Tgt Ion:166 Resp: 246343

Ion Ratio Lower Upper

166 100

165 99.6 75.0 112.6

167 13.0 10.8 16.2

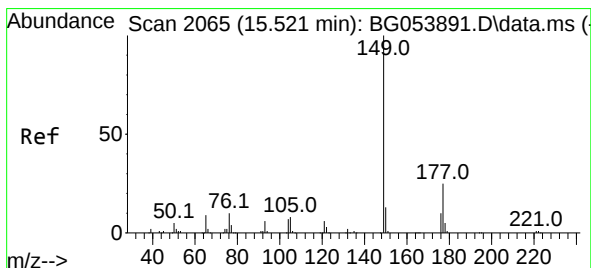
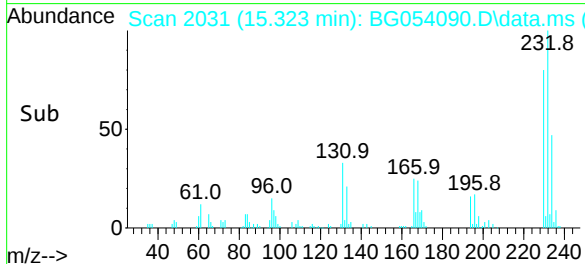
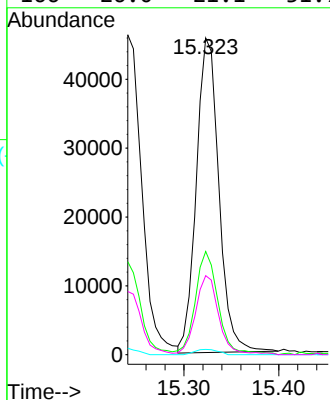
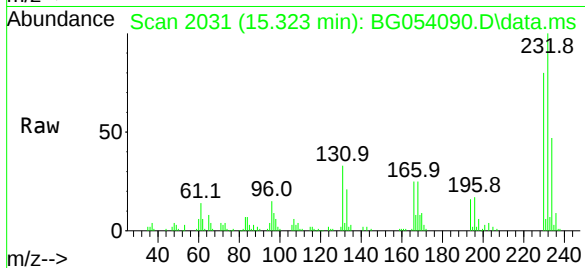




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.523 ng
RT: 15.323 min Scan# 2032
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

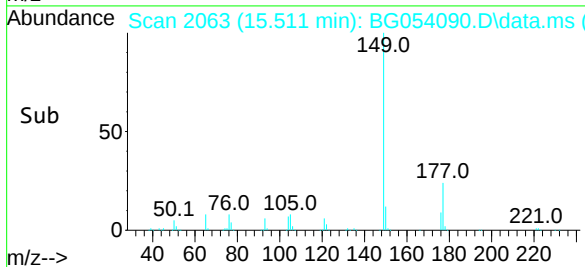
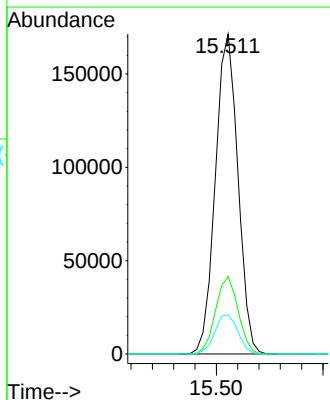
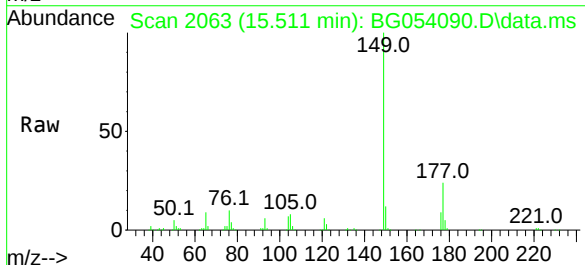
Instrument :
BNA_G
ClientSampleId :
PB145813BS

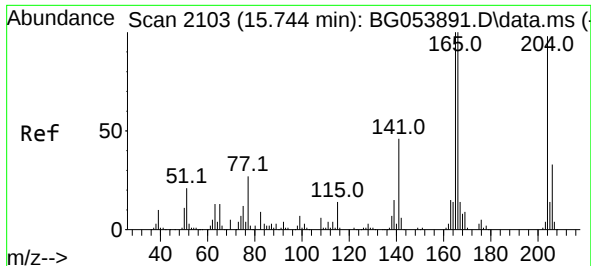
Tgt Ion:232 Resp: 75502
Ion Ratio Lower Upper
232 100
131 33.3 30.6 46.0
130 1.8 1.8 2.8#
166 26.0 21.1 31.7



#60
Diethylphthalate
Concen: 41.065 ng
RT: 15.511 min Scan# 2063
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:149 Resp: 251161
Ion Ratio Lower Upper
149 100
177 24.2 18.4 27.6
150 12.3 11.2 16.8

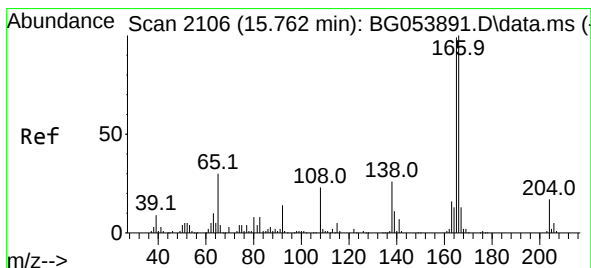
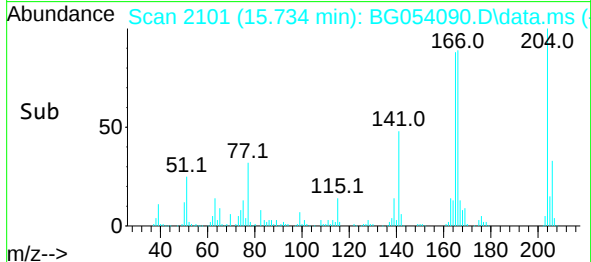
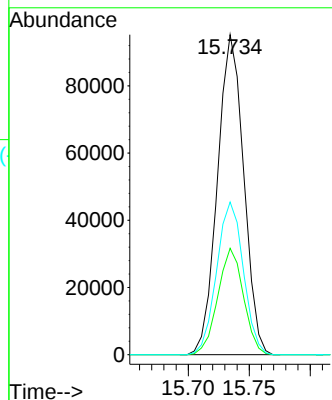
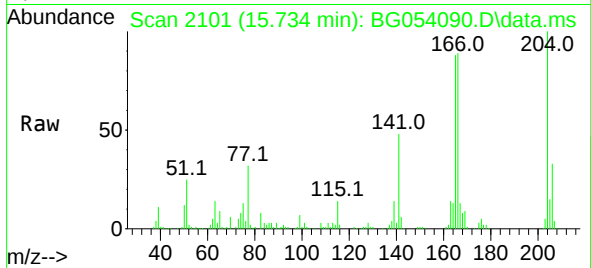




#61
4-Chlorophenyl-phenylether
Concen: 38.884 ng
RT: 15.734 min Scan# 2103
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

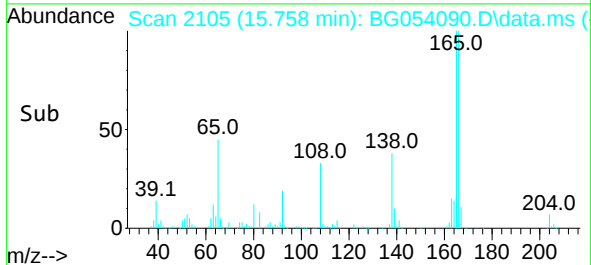
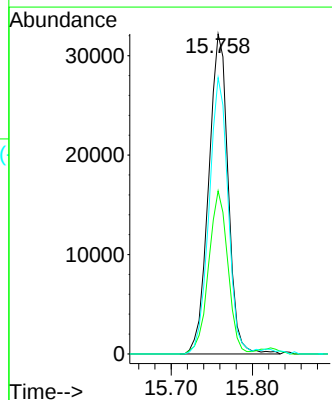
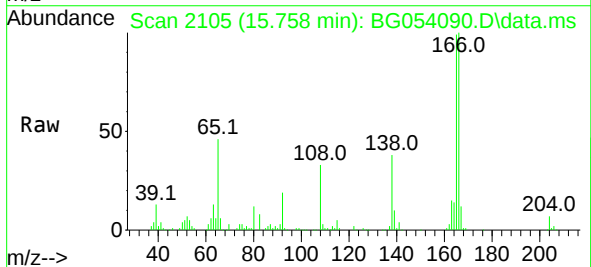
Instrument :
BNA_G
ClientSampleId :
PB145813BS

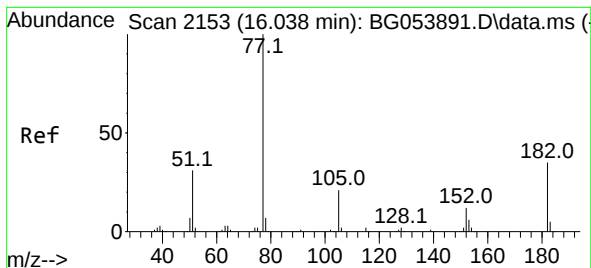
Tgt Ion:204 Resp: 142690
Ion Ratio Lower Upper
204 100
206 33.2 27.5 41.3
141 47.7 45.3 67.9



#62
4-Nitroaniline
Concen: 41.668 ng
RT: 15.758 min Scan# 2105
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:138 Resp: 53719
Ion Ratio Lower Upper
138 100
92 51.0 40.5 80.5
108 86.3 103.7 143.7#





#63

Azobenzene

Concen: 43.142 ng

RT: 16.028 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

Instrument :

BNA_G

ClientSampleId :

PB145813BS

Tgt Ion: 77 Resp: 212395

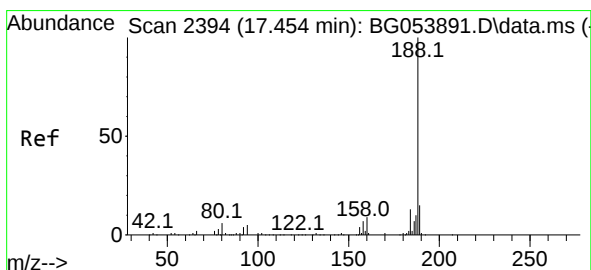
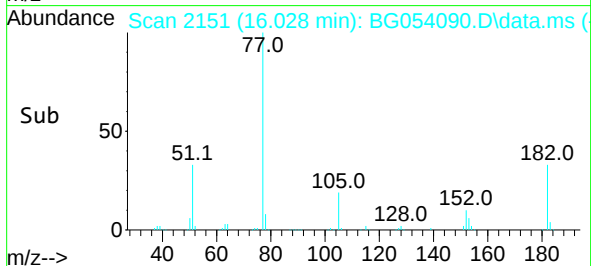
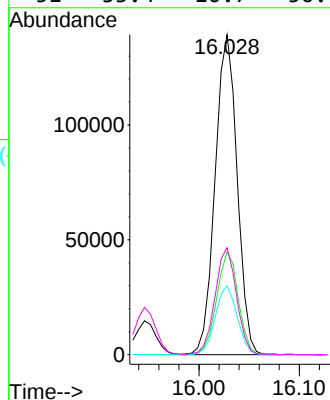
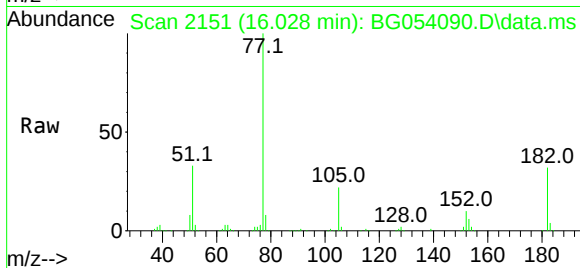
Ion Ratio Lower Upper

77 100

182 32.2 3.8 43.8

105 21.5 0.0 37.8

51 33.4 10.7 50.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.444 min Scan# 2392

Delta R.T. 0.002 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

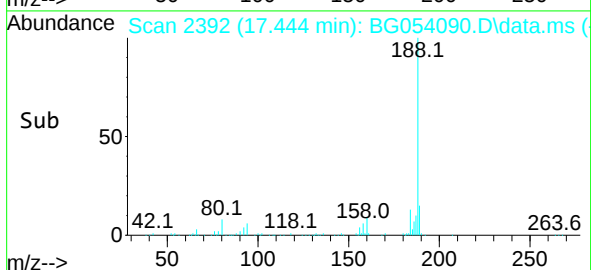
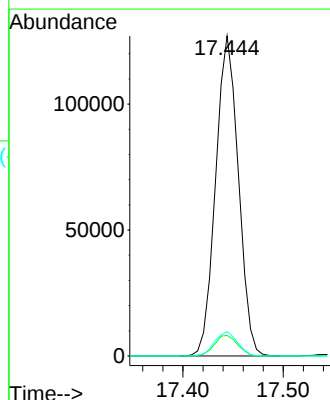
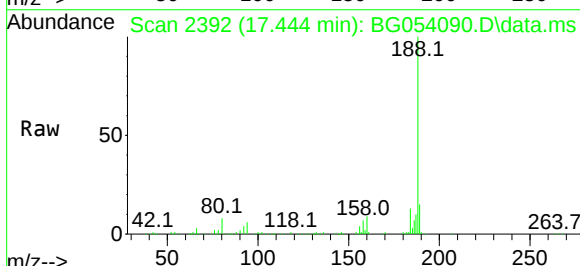
Tgt Ion:188 Resp: 199784

Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.0

80 7.6 6.8 10.2

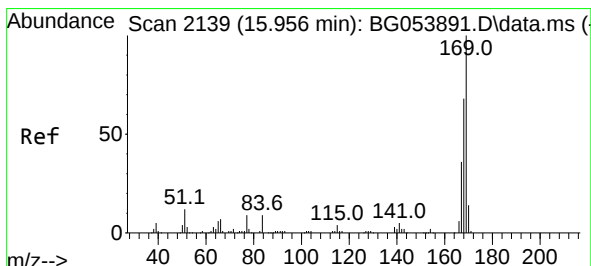
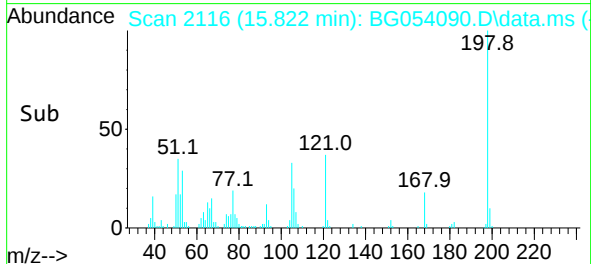
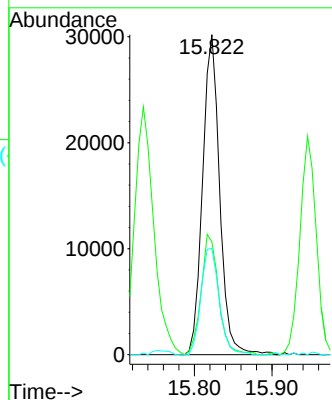
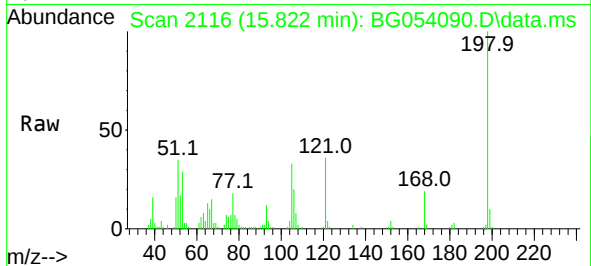




#65
4,6-Dinitro-2-methylphenol
Concen: 46.374 ng
RT: 15.822 min Scan# 2117
Delta R.T. 0.008 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

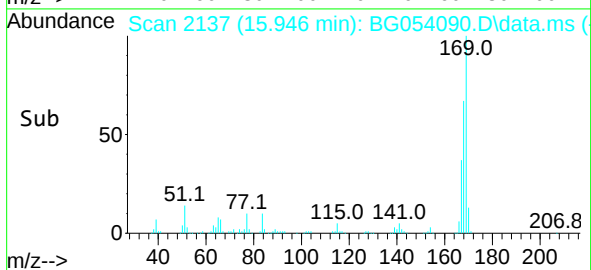
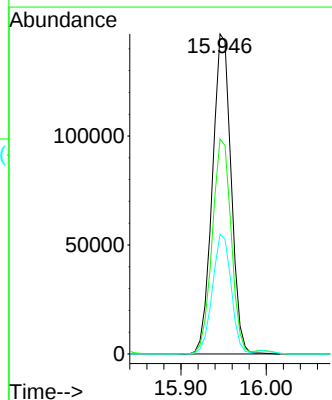
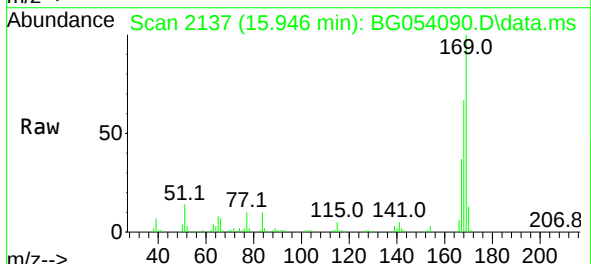
Instrument :
BNA_G
ClientSampleId :
PB145813BS

Tgt Ion:198 Resp: 46222
Ion Ratio Lower Upper
198 100
51 35.2 28.1 68.1
105 33.2 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 42.978 ng
RT: 15.946 min Scan# 2137
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:169 Resp: 223778
Ion Ratio Lower Upper
169 100
168 67.1 55.9 83.9
167 37.4 30.6 46.0

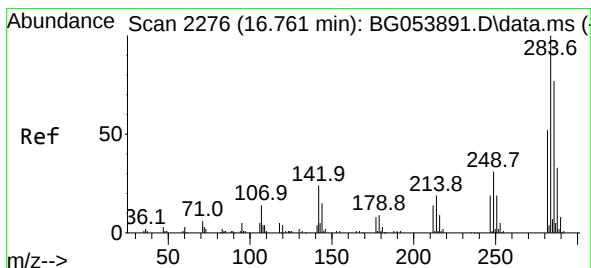
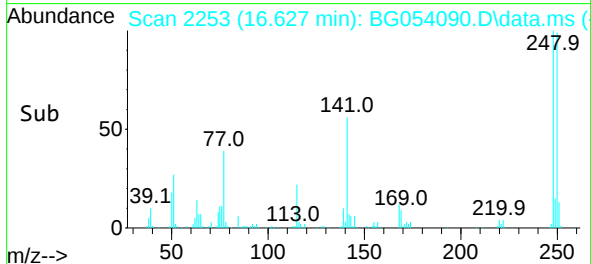
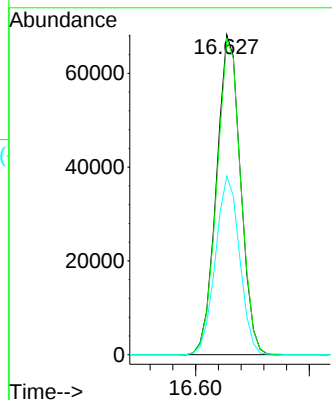
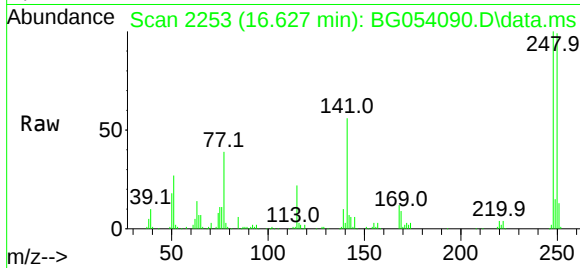




#67
4-Bromophenyl-phenylether
Concen: 40.011 ng
RT: 16.627 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

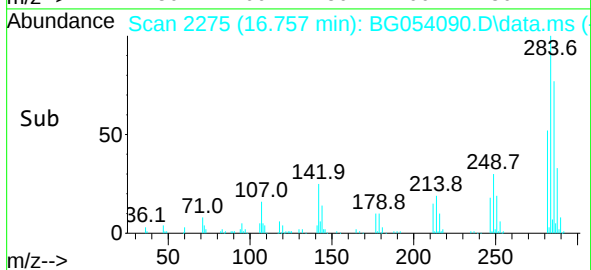
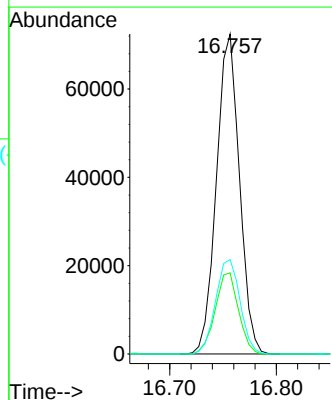
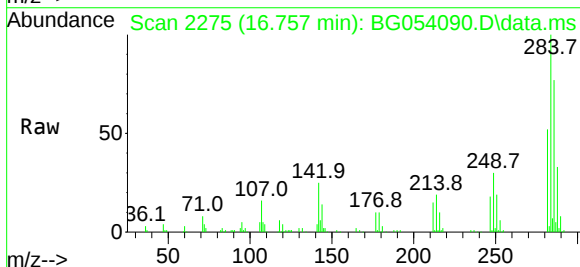
Instrument :
BNA_G
ClientSampleId :
PB145813BS

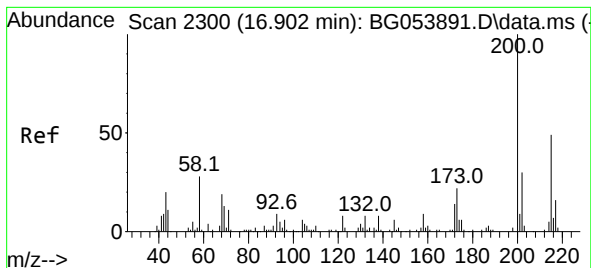
Tgt Ion:248 Resp: 99835
Ion Ratio Lower Upper
248 100
250 98.7 75.2 112.8
141 55.9 50.0 75.0



#68
Hexachlorobenzene
Concen: 37.977 ng
RT: 16.757 min Scan# 2275
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:284 Resp: 108395
Ion Ratio Lower Upper
284 100
142 25.4 23.6 35.4
249 31.7 25.8 38.6





#69

Atrazine

Concen: 42.897 ng

RT: 16.892 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

Instrument :

BNA_G

ClientSampleId :

PB145813BS

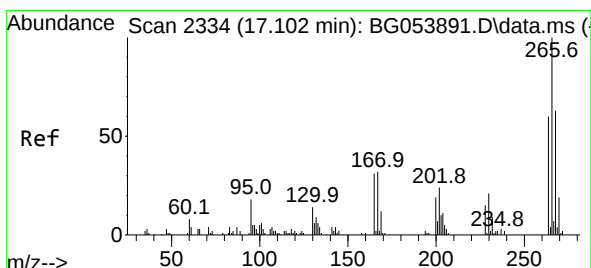
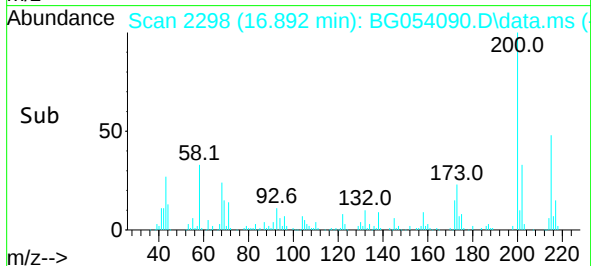
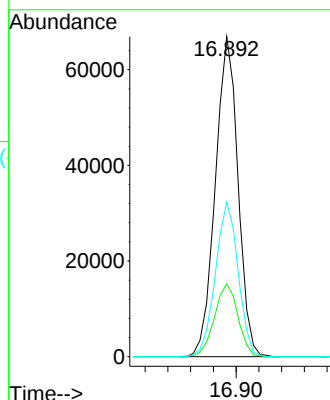
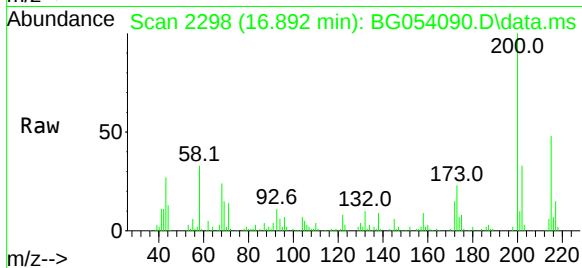
Tgt Ion:200 Resp: 92525

Ion Ratio Lower Upper

200 100

173 22.8 3.7 43.7

215 48.3 25.2 65.2



#70

Pentachlorophenol

Concen: 84.194 ng

RT: 17.097 min Scan# 2333

Delta R.T. 0.002 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

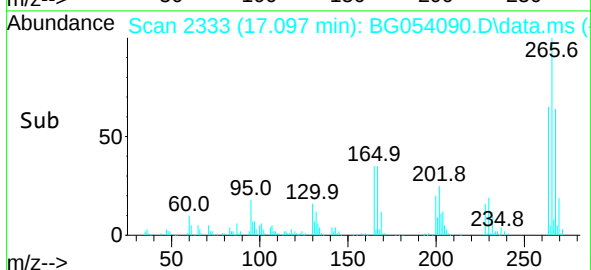
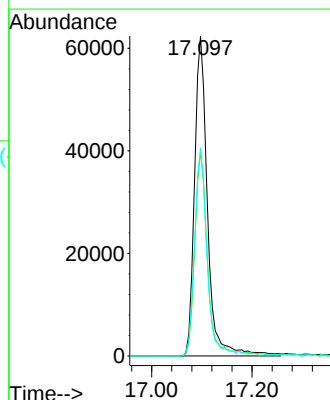
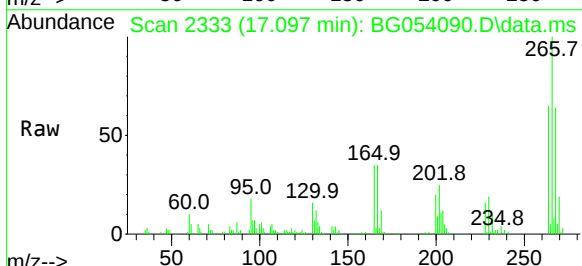
Tgt Ion:266 Resp: 111628

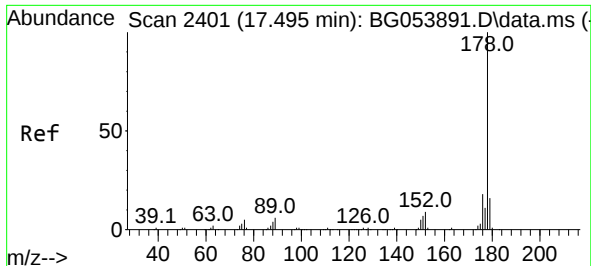
Ion Ratio Lower Upper

266 100

268 68.8 56.2 84.2

264 70.1 53.0 79.4

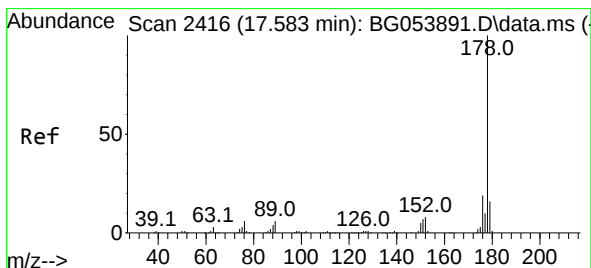
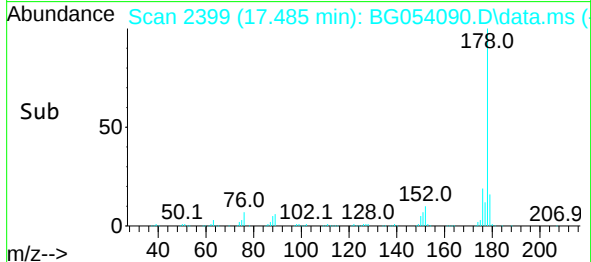
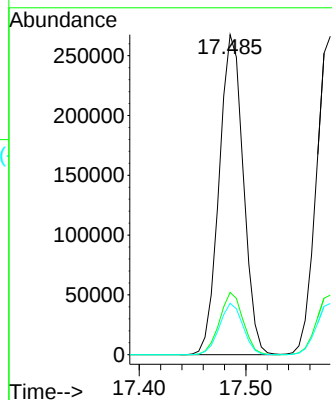
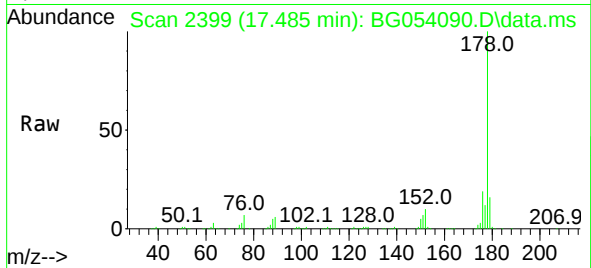




#71
Phenanthrene
Concen: 40.999 ng
RT: 17.485 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

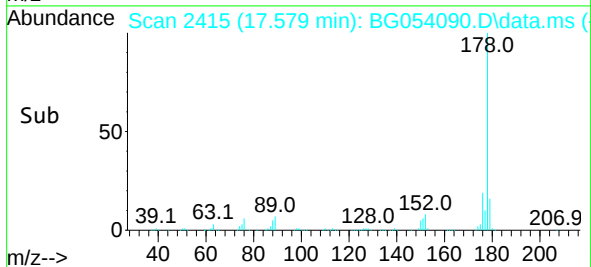
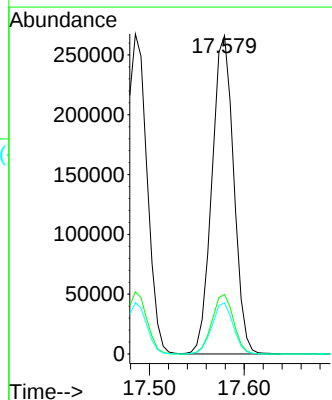
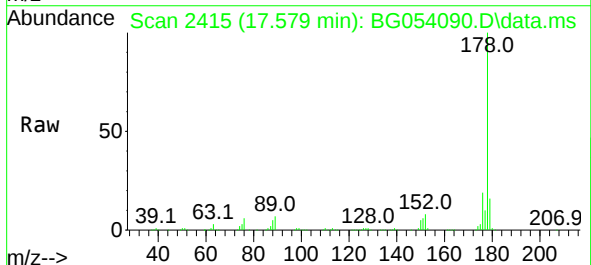
Instrument :
BNA_G
ClientSampleId :
PB145813BS

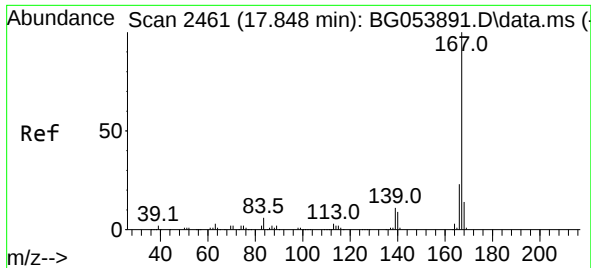
Tgt Ion:178 Resp: 420825
Ion Ratio Lower Upper
178 100
176 19.5 14.1 21.1
179 16.0 12.1 18.1



#72
Anthracene
Concen: 42.333 ng
RT: 17.579 min Scan# 2415
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:178 Resp: 424322
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 16.1 13.0 19.4

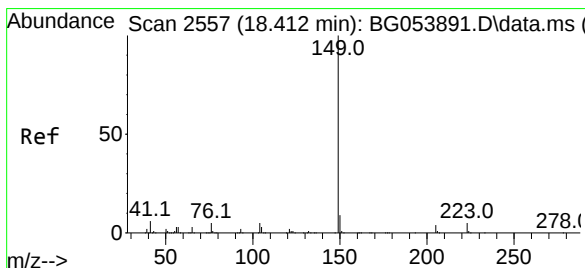
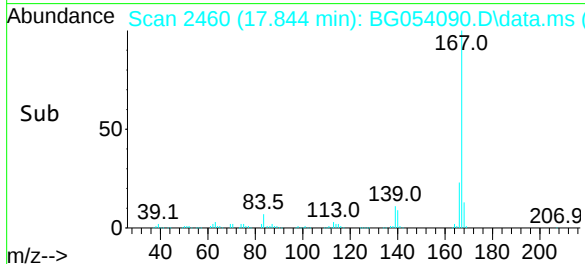
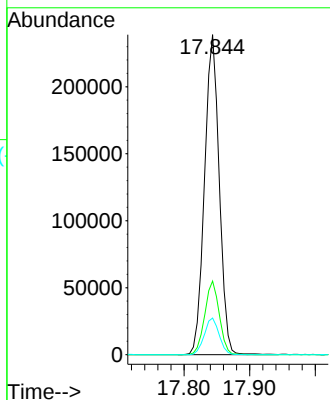
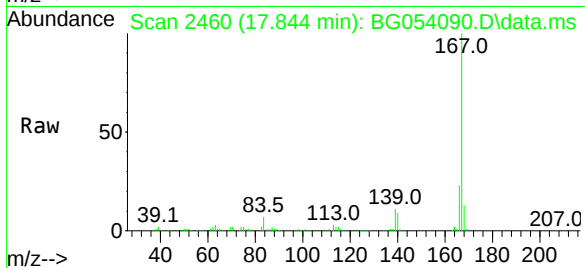




#73
 Carbazole
 Concen: 43.300 ng
 RT: 17.844 min Scan# 2461
 Delta R.T. 0.002 min
 Lab File: BG054090.D
 Acq: 27 Jun 2022 12:57

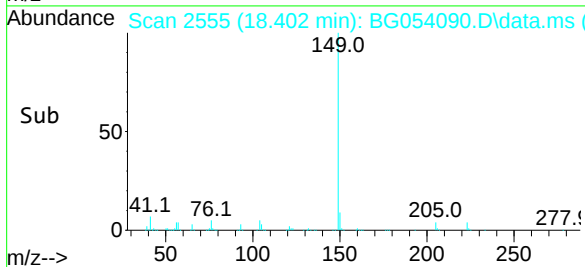
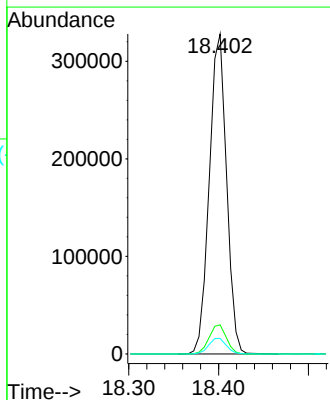
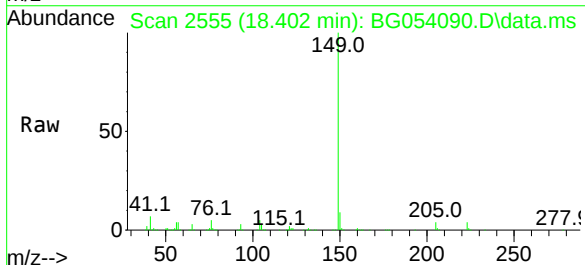
Instrument :
 BNA_G
 ClientSampleId :
 PB145813BS

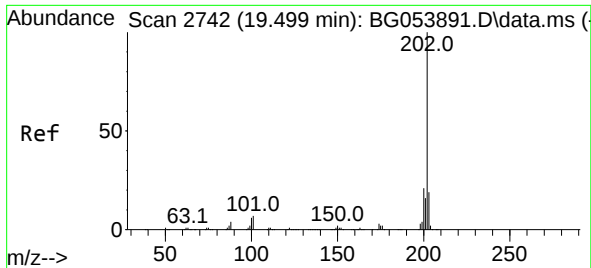
Tgt Ion:167 Resp: 372527
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.2
 139 11.5 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 43.959 ng
 RT: 18.402 min Scan# 2555
 Delta R.T. 0.002 min
 Lab File: BG054090.D
 Acq: 27 Jun 2022 12:57

Tgt Ion:149 Resp: 437279
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.8 5.4 8.0#

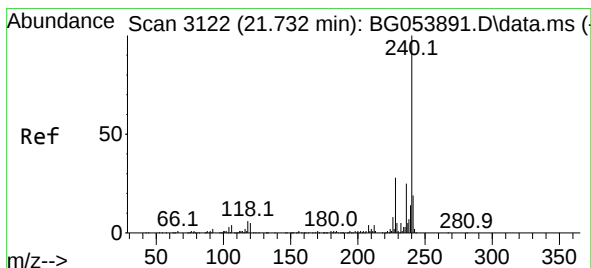
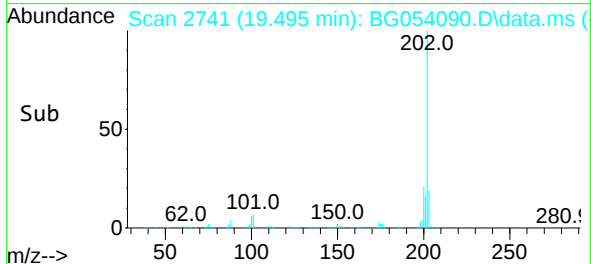
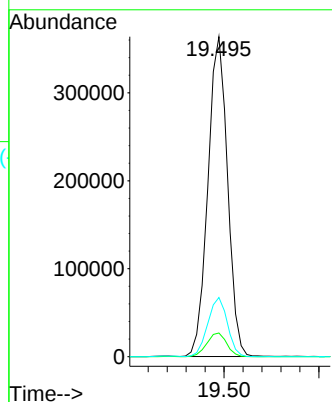
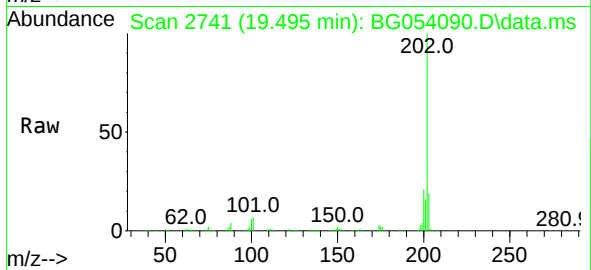




#75
Fluoranthene
Concen: 38.679 ng
RT: 19.495 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

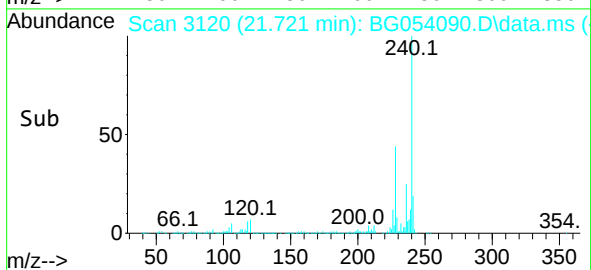
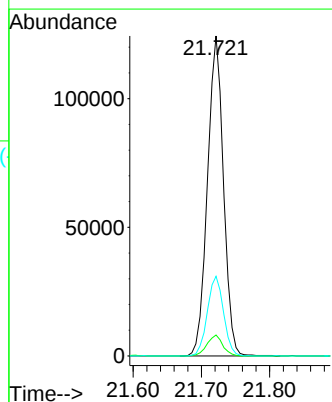
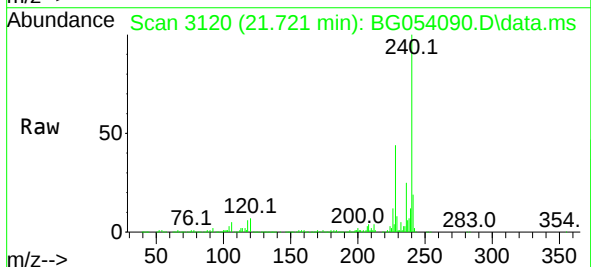
Instrument :
BNA_G
ClientSampleId :
PB145813BS

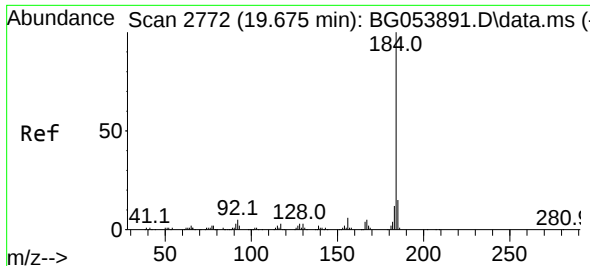
Tgt Ion:202 Resp: 521169
Ion Ratio Lower Upper
202 100
101 7.4 0.0 26.9
203 18.5 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3120
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:240 Resp: 203095
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 24.9 20.2 30.4

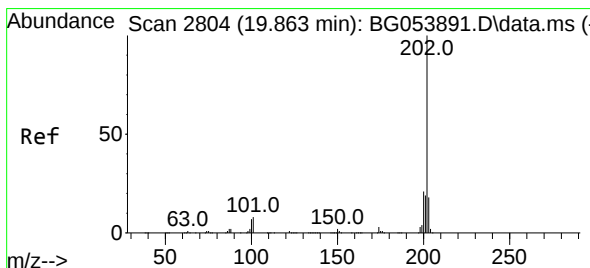
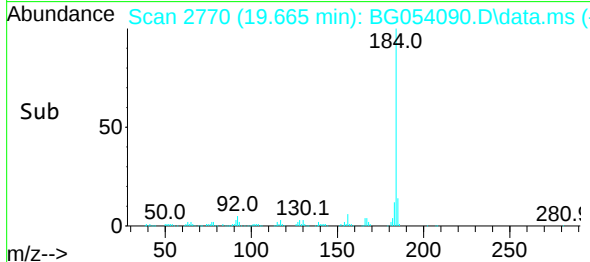
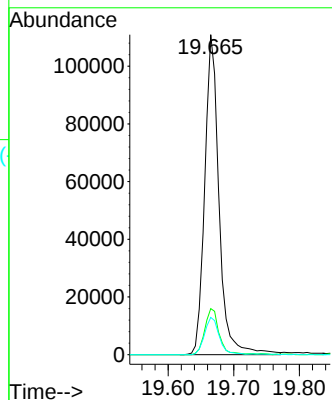
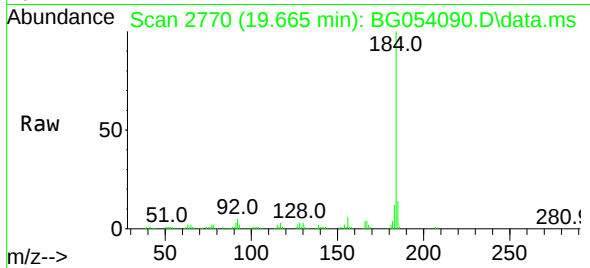




#77
Benzidine
Concen: 40.160 ng
RT: 19.665 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

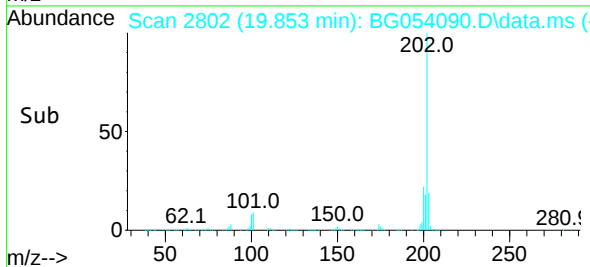
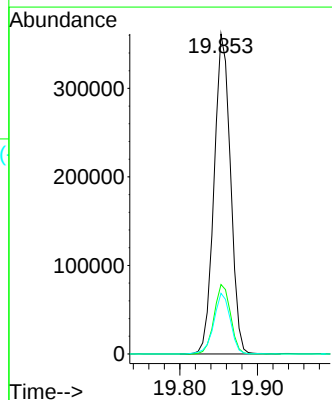
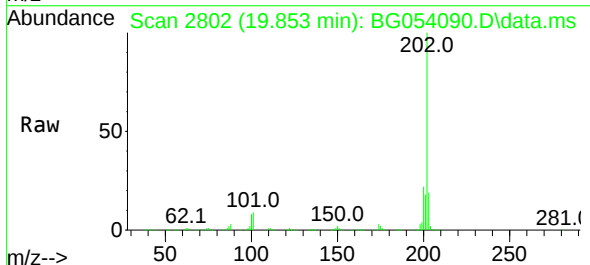
Instrument :
BNA_G
ClientSampleId :
PB145813BS

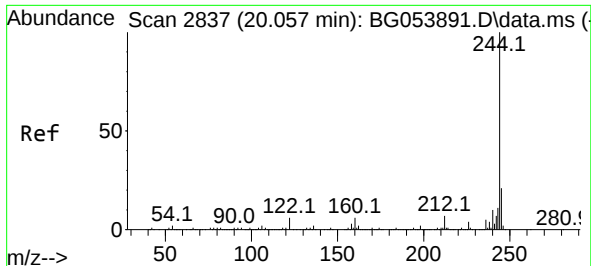
Tgt Ion:184 Resp: 168910
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 11.7 8.9 13.3



#78
Pyrene
Concen: 43.278 ng
RT: 19.853 min Scan# 2802
Delta R.T. 0.002 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:202 Resp: 530864
Ion Ratio Lower Upper
202 100
200 21.7 16.6 24.8
203 18.9 14.6 21.8

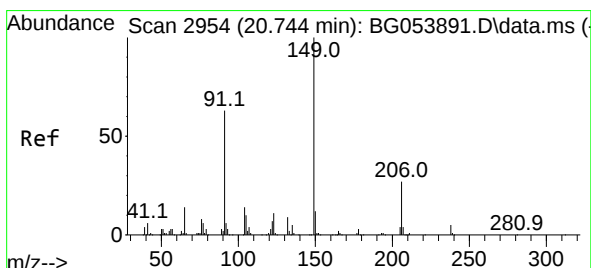
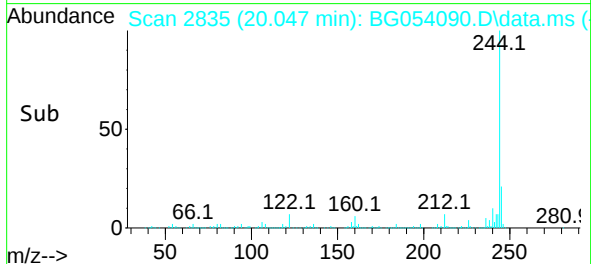
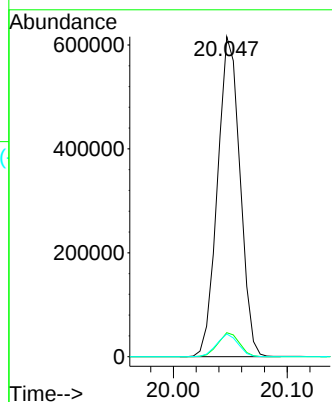
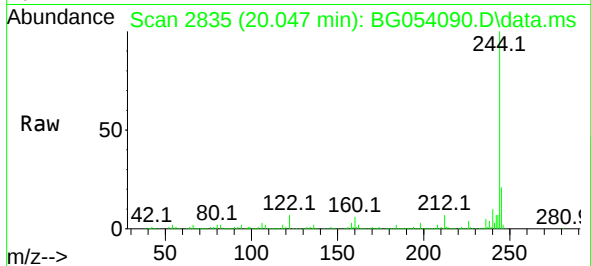




#79
 Terphenyl-d14
 Concen: 84.004 ng
 RT: 20.047 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG054090.D
 Acq: 27 Jun 2022 12:57

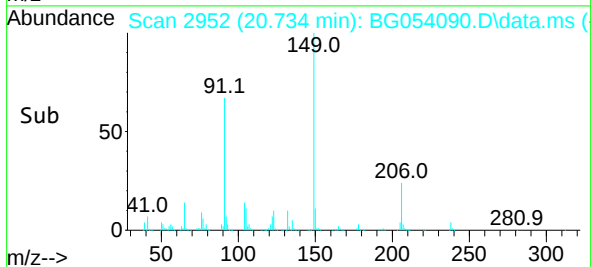
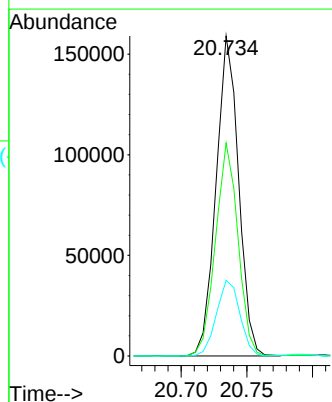
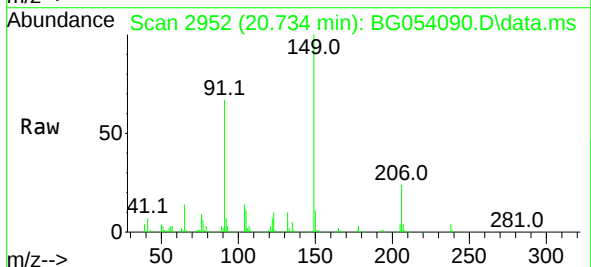
Instrument :
 BNA_G
 ClientSampleId :
 PB145813BS

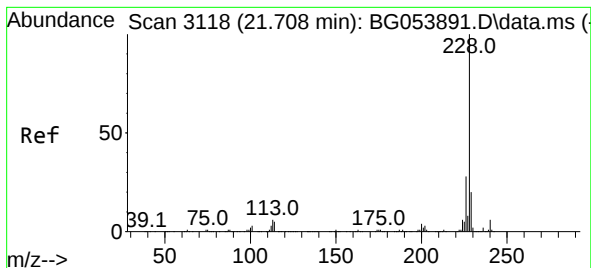
Tgt Ion:244 Resp: 847080
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.1 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 48.221 ng
 RT: 20.734 min Scan# 2952
 Delta R.T. 0.002 min
 Lab File: BG054090.D
 Acq: 27 Jun 2022 12:57

Tgt Ion:149 Resp: 189592
 Ion Ratio Lower Upper
 149 100
 91 66.5 59.6 89.4
 206 23.6 18.6 28.0





#81

Benzo(a)anthracene

Concen: 41.373 ng

RT: 21.698 min Scan# 3116

Delta R.T. 0.002 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

Instrument :

BNA_G

ClientSampleId :

PB145813BS

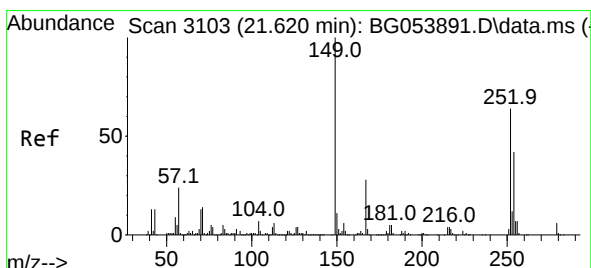
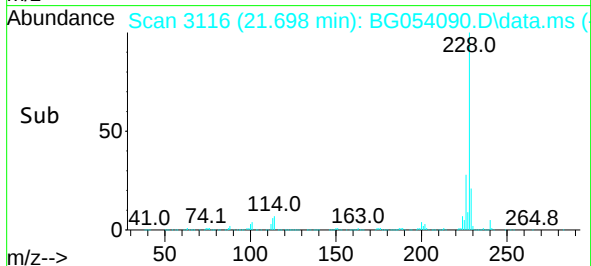
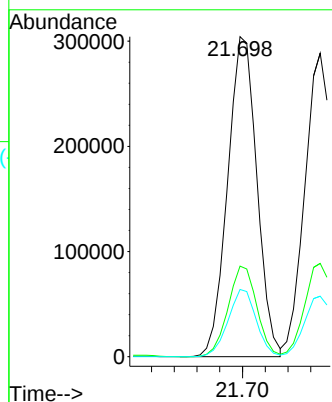
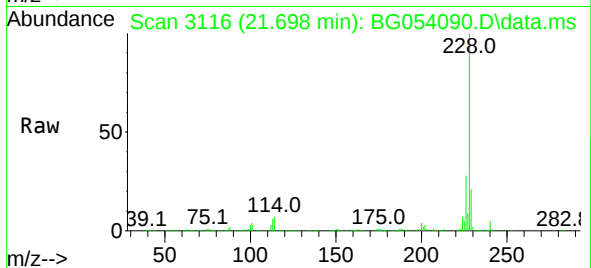
Tgt Ion:228 Resp: 544056

Ion Ratio Lower Upper

228 100

226 28.3 21.6 32.4

229 21.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 36.429 ng

RT: 21.610 min Scan# 3101

Delta R.T. 0.002 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

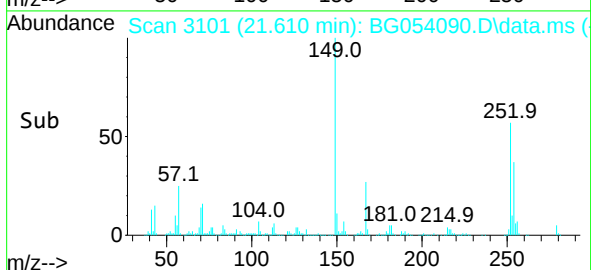
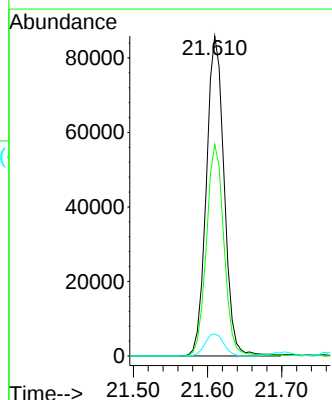
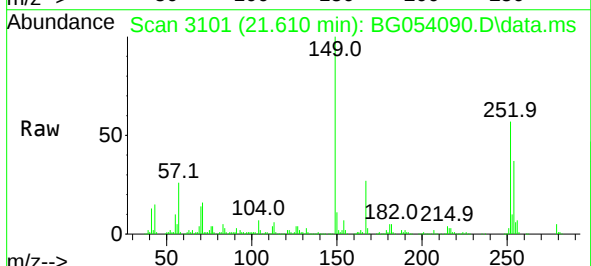
Tgt Ion:252 Resp: 143124

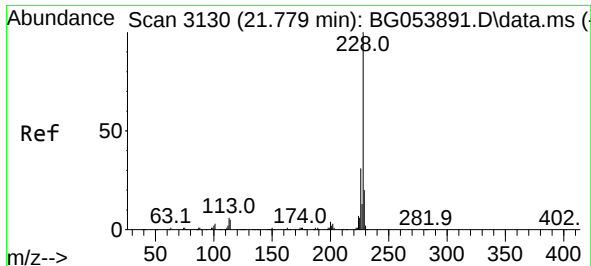
Ion Ratio Lower Upper

252 100

254 66.1 49.8 74.8

126 6.9 6.0 9.0

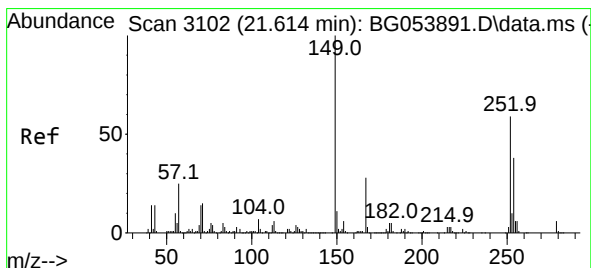
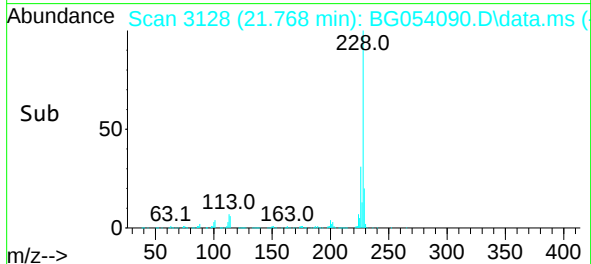
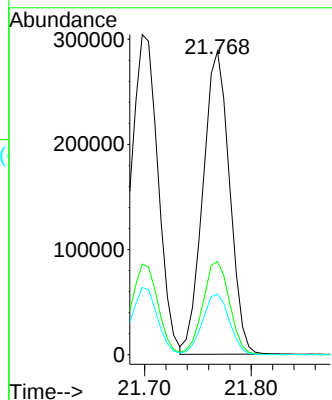
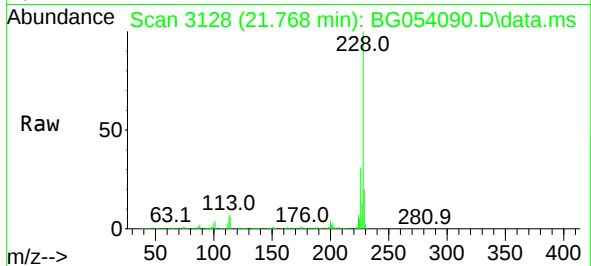




#83
 Chrysene
 Concen: 39.828 ng
 RT: 21.768 min Scan# 31
 Delta R.T. 0.008 min
 Lab File: BG054090.D
 Acq: 27 Jun 2022 12:57

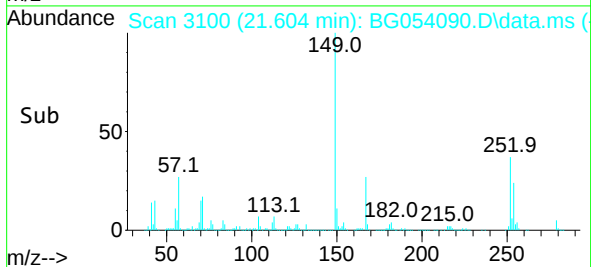
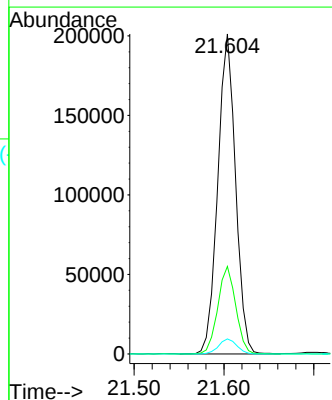
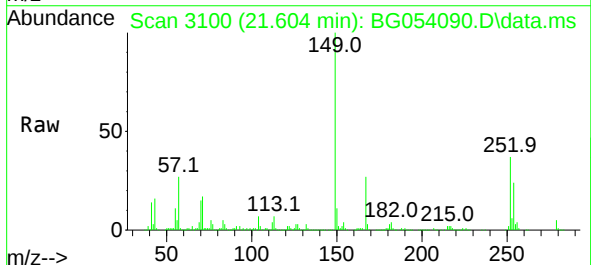
Instrument :
 BNA_G
 ClientSampleId :
 PB145813BS

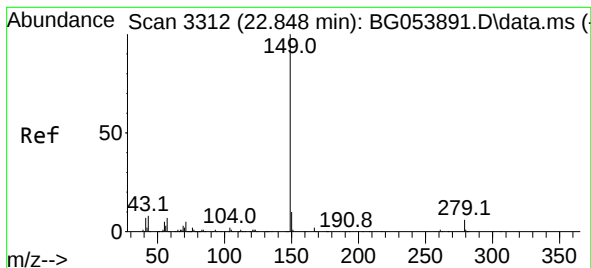
Tgt Ion:228 Resp: 499226
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.4 35.2
 229 19.9 15.5 23.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.115 ng
 RT: 21.604 min Scan# 3100
 Delta R.T. 0.002 min
 Lab File: BG054090.D
 Acq: 27 Jun 2022 12:57

Tgt Ion:149 Resp: 276187
 Ion Ratio Lower Upper
 149 100
 167 27.3 20.2 30.4
 279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 48.693 ng

RT: 22.826 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

Instrument :

BNA_G

ClientSampleId :

PB145813BS

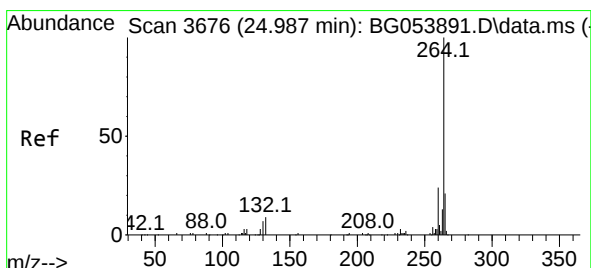
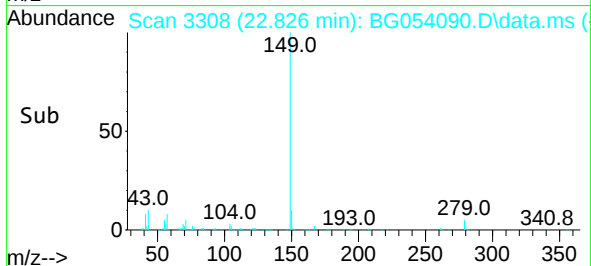
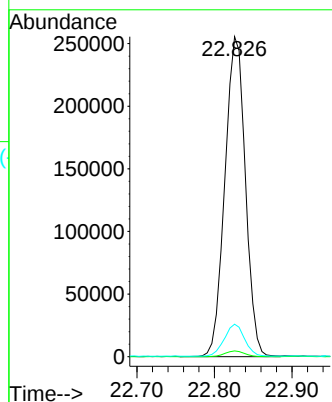
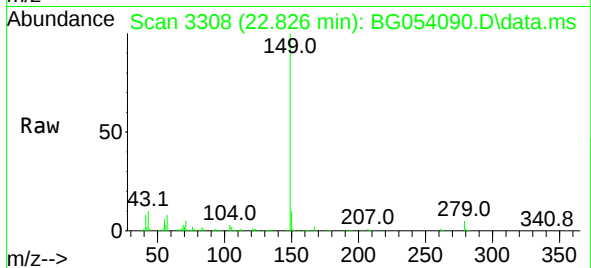
Tgt Ion:149 Resp: 470620

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.9 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.976 min Scan# 3674

Delta R.T. 0.014 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

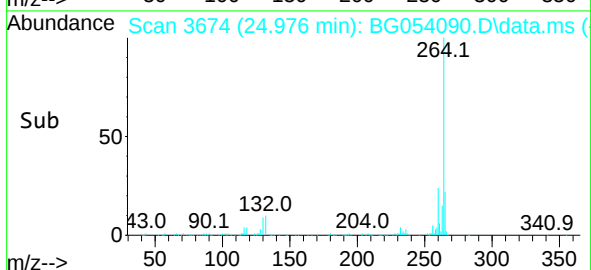
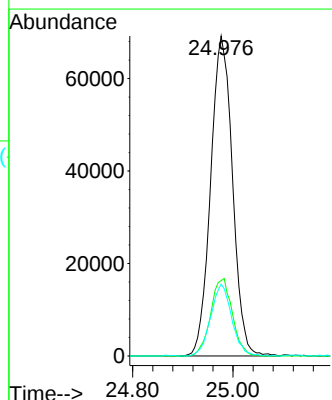
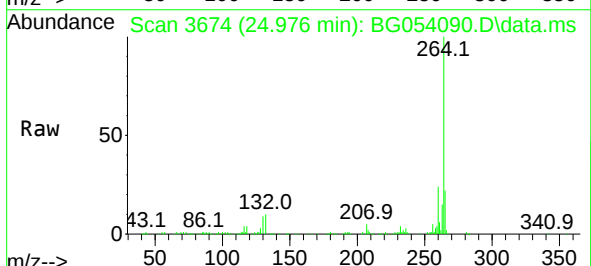
Tgt Ion:264 Resp: 209117

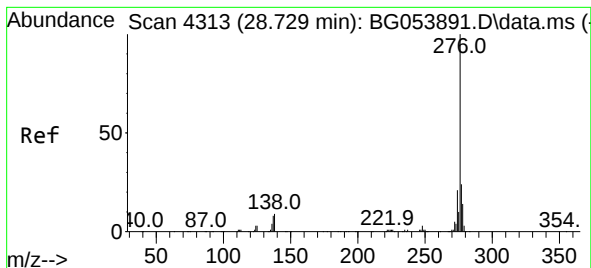
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 22.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.178 ng

RT: 28.707 min Scan# 41

Delta R.T. 0.020 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

Instrument :

BNA_G

ClientSampleId :

PB145813BS

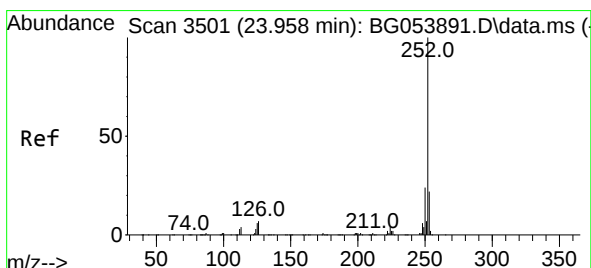
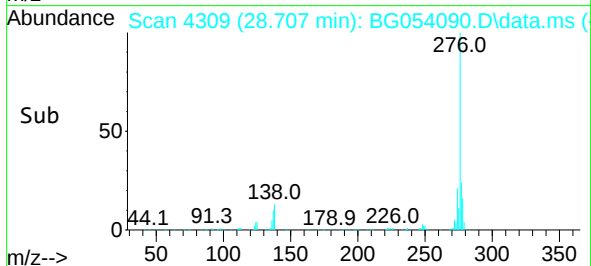
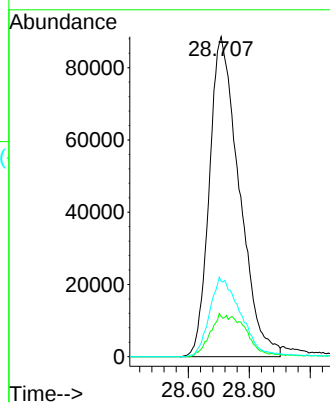
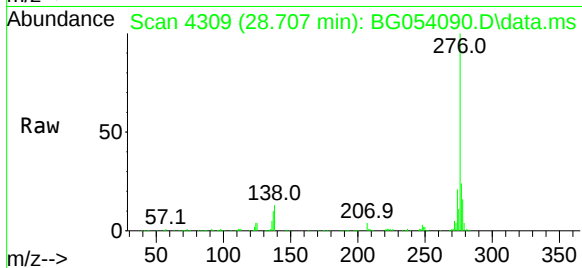
Tgt Ion:276 Resp: 602484

Ion Ratio Lower Upper

276 100

138 5.9 5.0 7.4

277 25.8 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 43.145 ng

RT: 23.942 min Scan# 3498

Delta R.T. 0.008 min

Lab File: BG054090.D

Acq: 27 Jun 2022 12:57

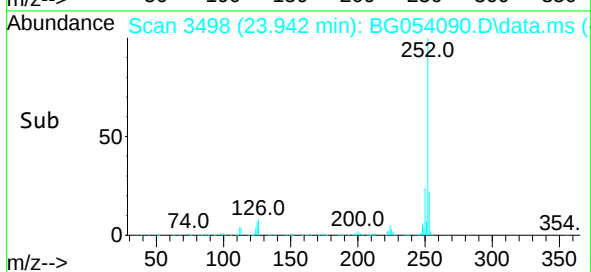
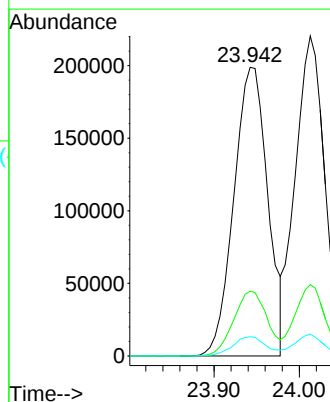
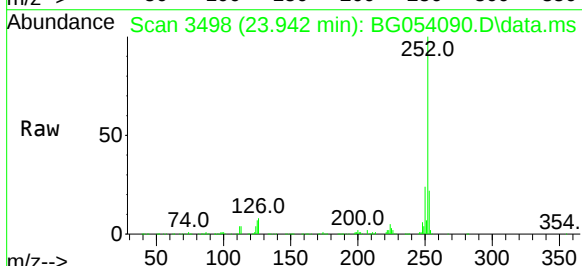
Tgt Ion:252 Resp: 548577

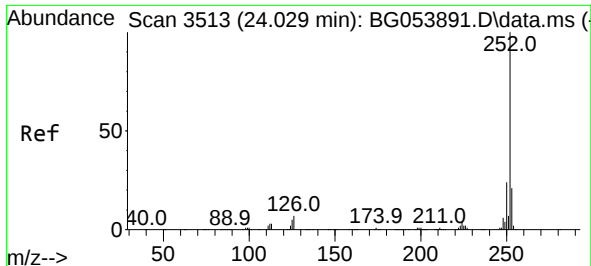
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 6.7 4.6 6.8

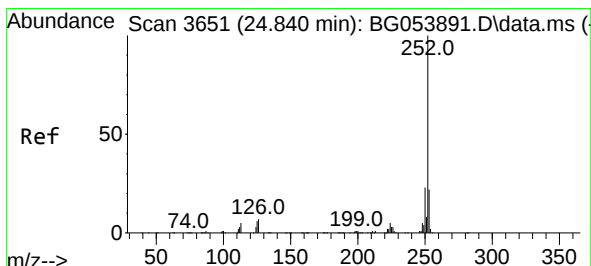
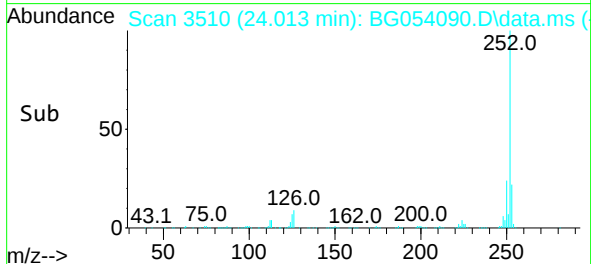
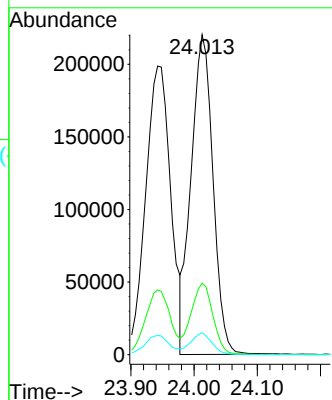
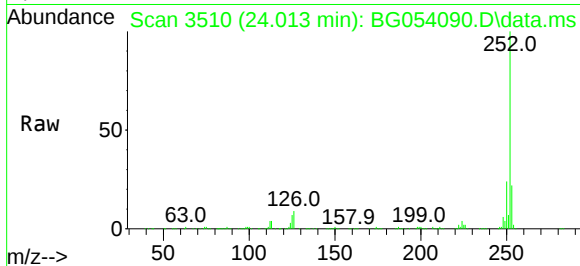




#89
Benzo(k)fluoranthene
Concen: 42.081 ng
RT: 24.013 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

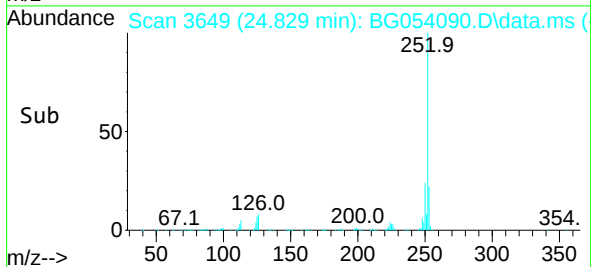
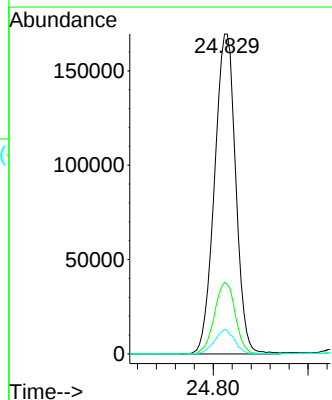
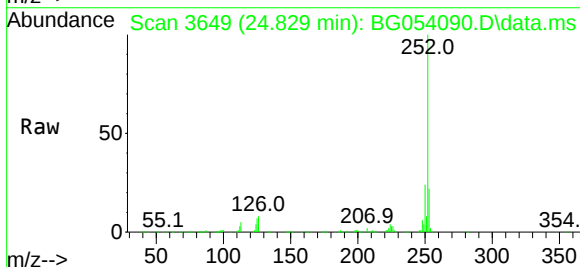
Instrument :
BNA_G
ClientSampleId :
PB145813BS

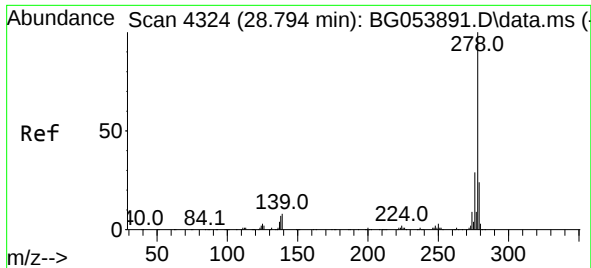
Tgt Ion:252 Resp: 529750
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 6.9 4.8 7.2



#90
Benzo(a)pyrene
Concen: 48.966 ng
RT: 24.829 min Scan# 3649
Delta R.T. 0.014 min
Lab File: BG054090.D
Acq: 27 Jun 2022 12:57

Tgt Ion:252 Resp: 525298
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 7.3 4.3 6.5#

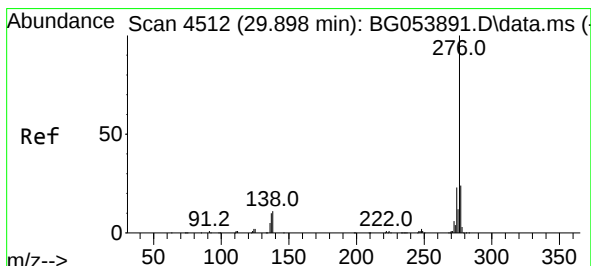
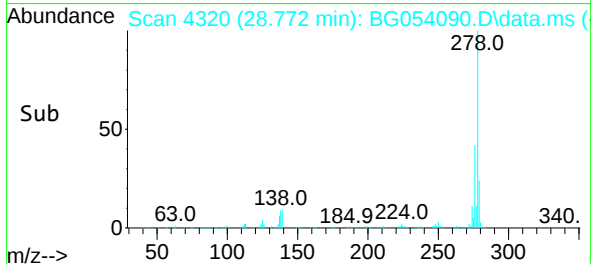
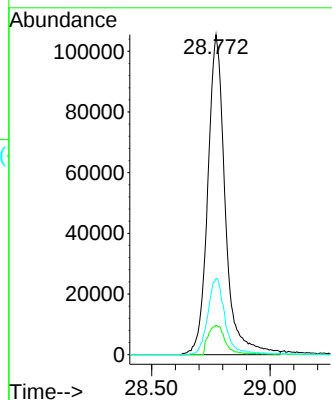
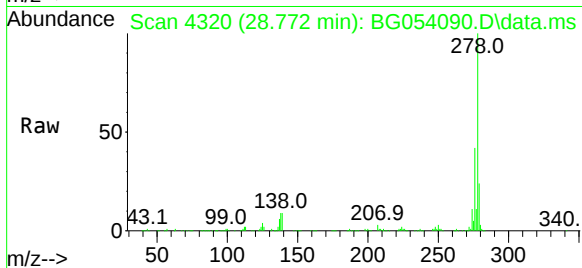




#91
 Dibenzo(a,h)anthracene
 Concen: 41.369 ng
 RT: 28.772 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: BG054090.D
 Acq: 27 Jun 2022 12:57

Instrument :
 BNA_G
 ClientSampleId :
 PB145813BS

Tgt Ion:278 Resp: 539847
 Ion Ratio Lower Upper
 278 100
 139 9.3 7.2 10.8
 279 23.8 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 40.650 ng
 RT: 29.871 min Scan# 4507
 Delta R.T. 0.008 min
 Lab File: BG054090.D
 Acq: 27 Jun 2022 12:57

Tgt Ion:276 Resp: 523494
 Ion Ratio Lower Upper
 276 100
 277 23.9 17.3 25.9
 138 13.0 9.6 14.4

