

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
 Data File : BG054241.D
 Acq On : 8 Jul 2022 11:04
 Operator : CG/JU
 Sample : PB146064BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146064BS

Quant Time: Jul 08 13:52:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 13:46:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	20034	20.000	ng	0.00
21) Naphthalene-d8	10.868	136	80155	20.000	ng	# 0.00
39) Acenaphthene-d10	14.687	164	67891	20.000	ng	0.00
64) Phenanthrene-d10	17.431	188	189034	20.000	ng	# 0.00
76) Chrysene-d12	21.708	240	208702	20.000	ng	# 0.00
86) Perylene-d12	24.963	264	219648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.633	112	138925	132.581	ng	0.00
7) Phenol-d6	7.231	99	187142	131.652	ng	0.00
23) Nitrobenzene-d5	9.223	82	121277	85.027	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	173800	159.334	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	378746	81.122	ng	0.00
79) Terphenyl-d14	20.040	244	945578	91.253	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.512	88	10758	23.486	ng	96
3) Pyridine	3.911	79	31872	26.075	ng	92
4) n-Nitrosodimethylamine	3.823	42	20932	38.931	ng	99
6) Aniline	7.384	93	67435	40.013	ng	100
8) 2-Chlorophenol	7.631	128	51506	46.035	ng	91
9) Benzaldehyde	7.196	77	28620	34.114	ng	81
10) Phenol	7.260	94	64673	44.893	ng	97
11) bis(2-Chloroethyl)ether	7.478	93	41374	37.418	ng	92
12) 1,3-Dichlorobenzene	7.954	146	53780	38.361	ng	93
13) 1,4-Dichlorobenzene	8.095	146	54778	38.897	ng	98
14) 1,2-Dichlorobenzene	8.418	146	54518	40.327	ng	100
15) Benzyl Alcohol	8.300	79	50338	47.380	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.582	45	59298	35.874	ng	96
17) 2-Methylphenol	8.506	107	44481	44.448	ng	94
18) Hexachloroethane	9.152	117	18428	39.445	ng	# 63
19) n-Nitroso-di-n-propyla...	8.864	70	39357	41.212	ng	# 90
20) 3+4-Methylphenols	8.835	107	62695	44.672	ng	97
22) Acetophenone	8.882	105	77399	39.725	ng	# 97
24) Nitrobenzene	9.264	77	57210	40.731	ng	# 90
25) Isophorone	9.793	82	110646	41.536	ng	# 92
26) 2-Nitrophenol	9.981	139	30927	49.852	ng	# 87
27) 2,4-Dimethylphenol	10.040	122	52263	52.048	ng	92
28) bis(2-Chloroethoxy)met...	10.269	93	61162	42.620	ng	99
29) 2,4-Dichlorophenol	10.521	162	65668	48.776	ng	89
30) 1,2,4-Trichlorobenzene	10.733	180	70020	42.003	ng	# 96
31) Naphthalene	10.921	128	155196	38.354	ng	98
32) Benzoic acid	10.204	122	21324	48.569	ng	# 82
33) 4-Chloroaniline	11.027	127	61546	36.663	ng	# 91
34) Hexachlorobutadiene	11.209	225	55383	43.212	ng	98
35) Caprolactam	11.802	113	12208	32.939	ng	# 83
36) 4-Chloro-3-methylphenol	12.155	107	66520	50.827	ng	# 86
37) 2-Methylnaphthalene	12.525	142	124599	41.619	ng	98
38) 1-Methylnaphthalene	12.742	142	120586	41.366	ng	97
40) 1,2,4,5-Tetrachloroben...	12.889	216	107298	41.016	ng	# 95
41) Hexachlorocyclopentadiene	12.872	237	81369	66.799	ng	96
43) 2,4,6-Trichlorophenol	13.130	196	66355	45.156	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 13:46:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	72706	44.312	ng	# 92
46) 1,1'-Biphenyl	13.524	154	185294	39.182	ng	97
47) 2-Chloronaphthalene	13.571	162	152938	39.961	ng	96
48) 2-Nitroaniline	13.770	65	46795	45.965	ng	91
49) Acenaphthylene	14.411	152	237003	39.825	ng	98
50) Dimethylphthalate	14.141	163	218140	42.189	ng	99
51) 2,6-Dinitrotoluene	14.258	165	49338	47.229	ng	# 76
52) Acenaphthene	14.752	154	141224	37.228	ng	99
53) 3-Nitroaniline	14.593	138	37512	37.064	ng	87
54) 2,4-Dinitrophenol	14.805	184	53446	91.599	ng	# 79
55) Dibenzofuran	15.087	168	253721	41.513	ng	95
56) 4-Nitrophenol	14.910	139	62349	86.772	ng	93
57) 2,4-Dinitrotoluene	15.051	165	74154	50.262	ng	# 82
58) Fluorene	15.733	166	211639	42.174	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.316	232	75303	46.931	ng	# 84
60) Diethylphthalate	15.498	149	217262	43.390	ng	96
61) 4-Chlorophenyl-phenyle...	15.721	204	137281	45.695	ng	# 88
62) 4-Nitroaniline	15.756	138	45249	42.872	ng	88
63) Azobenzene	16.015	77	164890	40.910	ng	87
65) 4,6-Dinitro-2-methylph...	15.815	198	46498	49.304	ng	81
66) n-Nitrosodiphenylamine	15.939	169	199653	40.526	ng	95
67) 4-Bromophenyl-phenylether	16.614	248	104329	44.189	ng	92
68) Hexachlorobenzene	16.743	284	117591	43.542	ng	# 92
69) Atrazine	16.884	200	98680	48.352	ng	93
70) Pentachlorophenol	17.090	266	102948	82.063	ng	93
71) Phenanthrene	17.478	178	385736	39.717	ng	98
72) Anthracene	17.566	178	393817	41.524	ng	99
73) Carbazole	17.836	167	337714	41.486	ng	99
74) Di-n-butylphthalate	18.383	149	394437	41.907	ng	# 98
75) Fluoranthene	19.481	202	522119	40.953	ng	96
77) Benzidine	19.658	184	263895	61.059	ng	98
78) Pyrene	19.846	202	521180	41.347	ng	97
80) Butylbenzylphthalate	20.721	149	170407	42.177	ng	87
81) Benzo(a)anthracene	21.691	228	561612	41.561	ng	99
82) 3,3'-Dichlorobenzidine	21.597	252	178771	44.280	ng	# 93
83) Chrysene	21.761	228	514999	39.982	ng	98
84) Bis(2-ethylhexyl)phtha...	21.585	149	244720	42.350	ng	# 95
85) Di-n-octyl phthalate	22.801	149	415218	41.807	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.700	276	680468	41.052	ng	# 99
88) Benzo(b)fluoranthene	23.929	252	592014	44.329	ng	99
89) Benzo(k)fluoranthene	24.000	252	563898	42.646	ng	# 98
90) Benzo(a)pyrene	24.810	252	522817	46.398	ng	99
91) Dibenzo(a,h)anthracene	28.759	278	583588	42.577	ng	# 97
92) Benzo(g,h,i)perylene	29.869	276	569590	42.108	ng	# 93

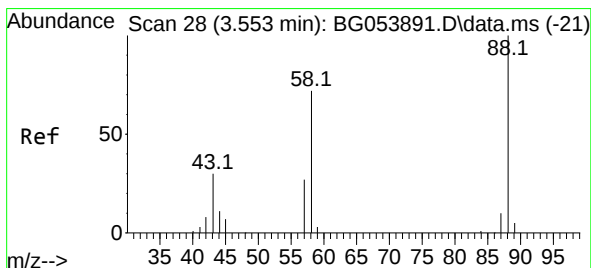
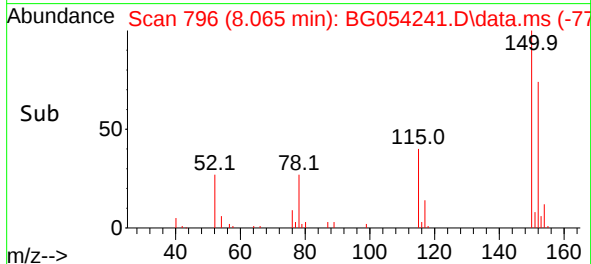
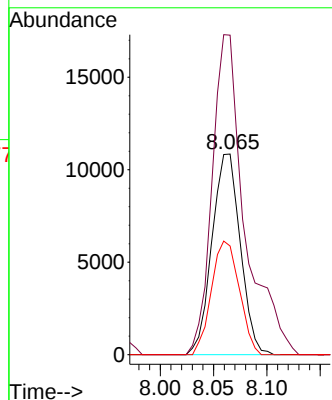
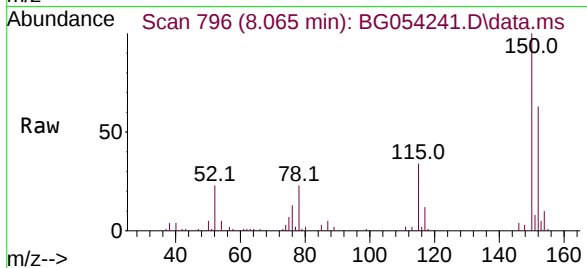
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.065 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BG054241.D
 Acq: 8 Jul 2022 11:04

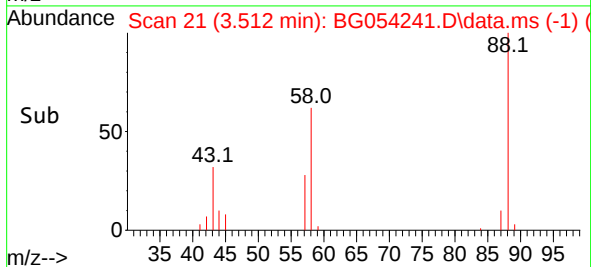
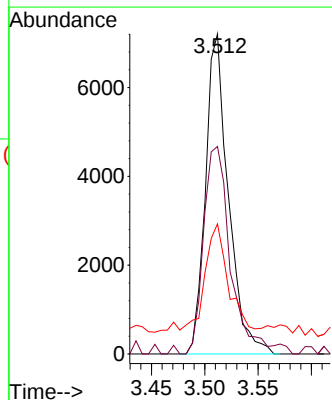
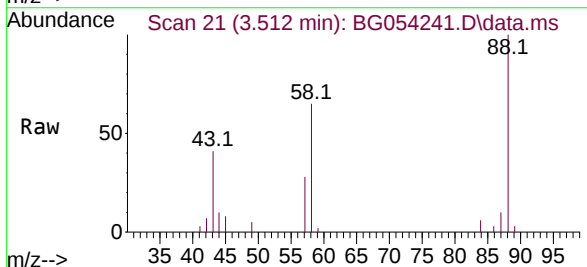
Instrument :
 BNA_G
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 PB146064BS

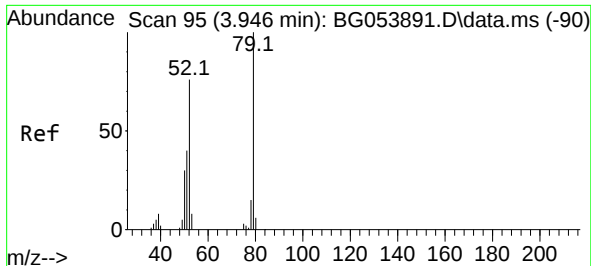
Tgt Ion:152 Resp: 20034
 Ion Ratio Lower Upper
 152 100
 150 159.2 131.6 197.4
 115 54.2 50.9 76.3



#2
 1,4-Dioxane
 Concen: 23.486 ng
 RT: 3.512 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054241.D
 Acq: 8 Jul 2022 11:04

Tgt Ion: 88 Resp: 10758
 Ion Ratio Lower Upper
 88 100
 58 77.0 59.2 88.8
 43 32.5 24.3 36.5

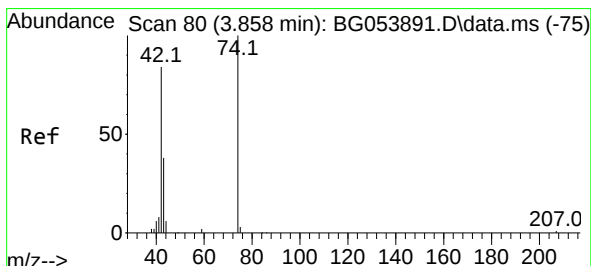
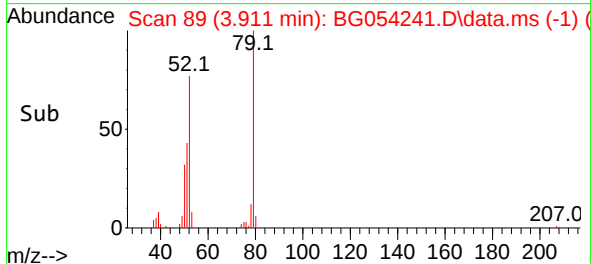
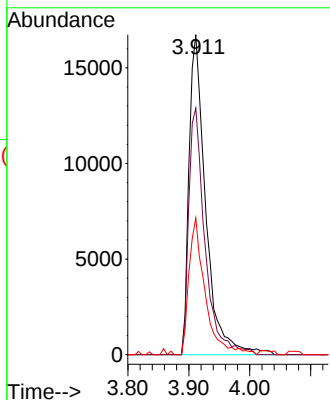
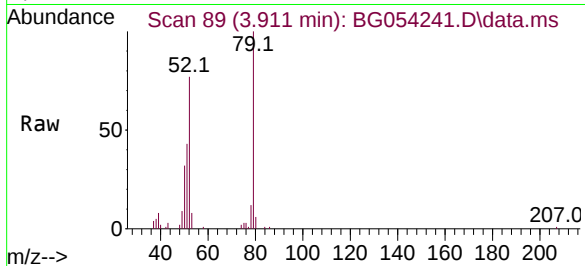




#3
Pyridine
Concen: 26.075 ng
RT: 3.911 min Scan# 89
Delta R.T. -0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

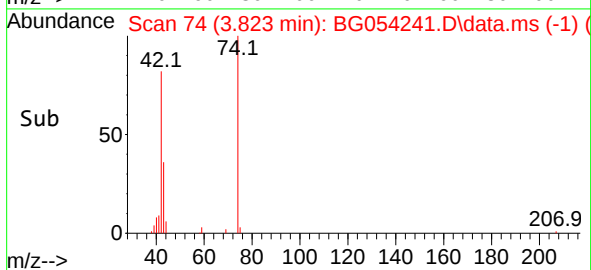
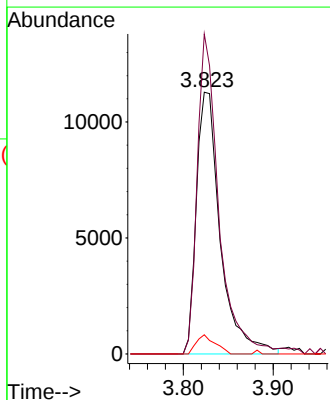
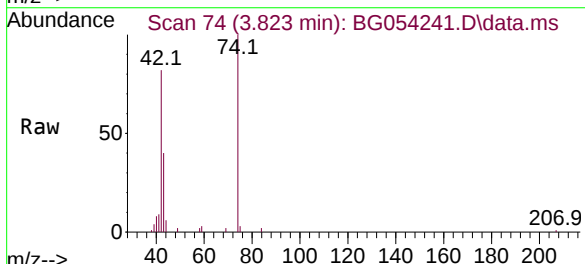
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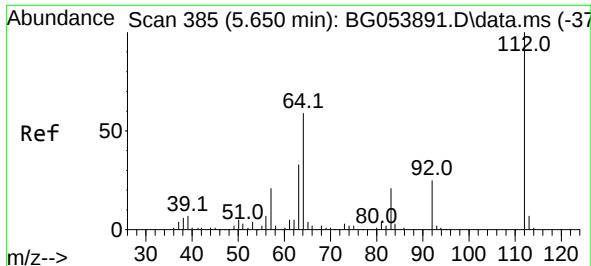
Tgt Ion: 79 Resp: 31872
Ion Ratio Lower Upper
79 100
52 77.0 54.6 81.8
51 42.7 32.5 48.7



#4
n-Nitrosodimethylamine
Concen: 38.931 ng
RT: 3.823 min Scan# 74
Delta R.T. -0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion: 42 Resp: 20932
Ion Ratio Lower Upper
42 100
74 122.3 97.0 145.4
44 7.4 7.0 10.4

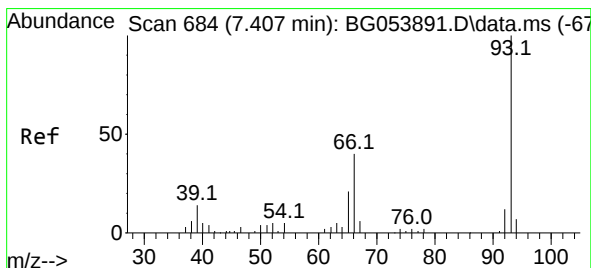
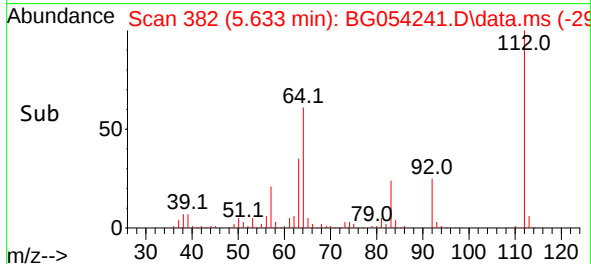
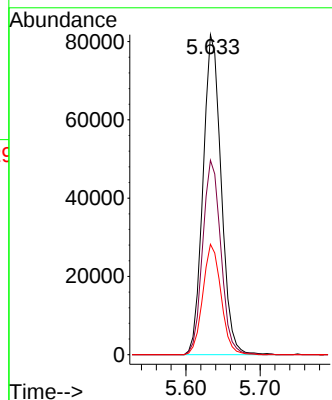
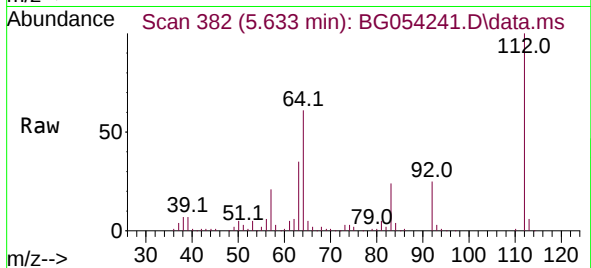




#5
2-Fluorophenol
Concen: 132.581 ng
RT: 5.633 min Scan# 381
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

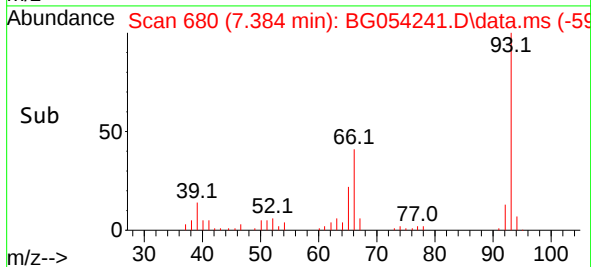
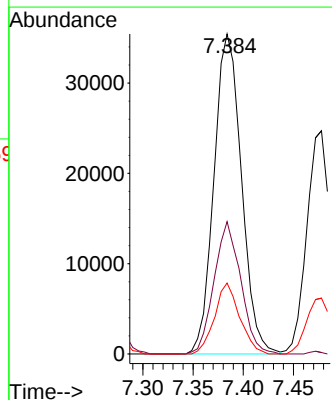
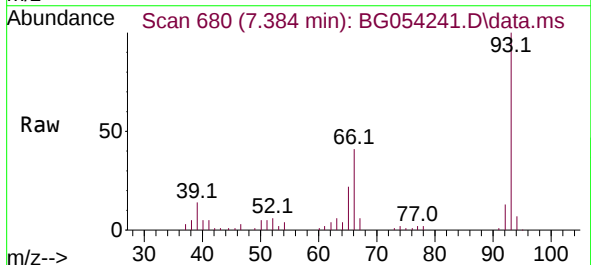
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Tgt Ion:112 Resp: 138925
Ion Ratio Lower Upper
112 100
64 60.8 55.1 82.7
63 34.5 30.4 45.6



#6
Aniline
Concen: 40.013 ng
RT: 7.384 min Scan# 680
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion: 93 Resp: 67435
Ion Ratio Lower Upper
93 100
66 41.3 32.9 49.3
65 22.1 17.8 26.8

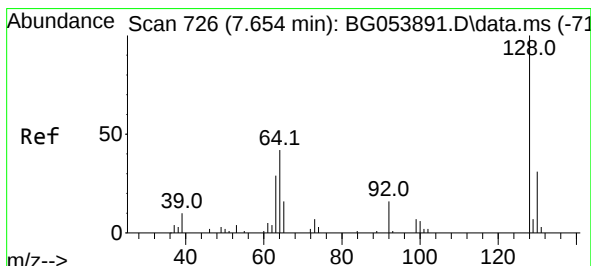
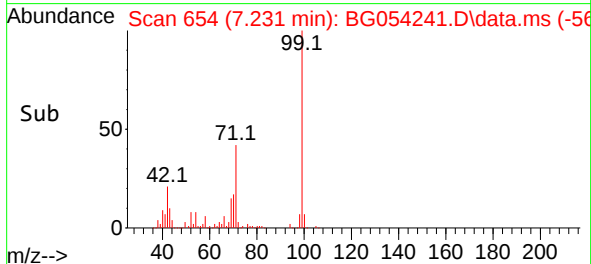
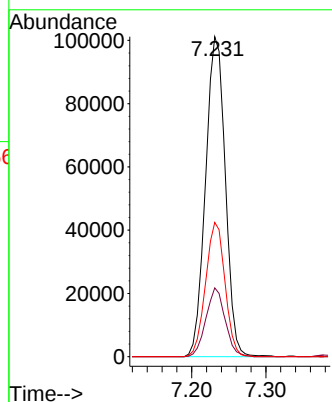
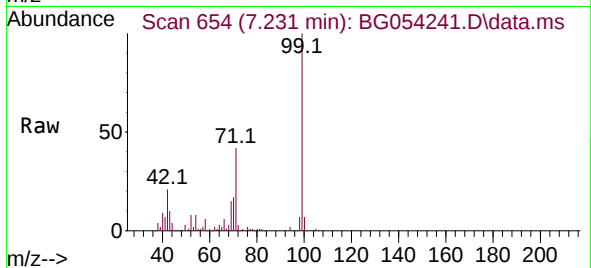




#7
Phenol-d6
Concen: 131.652 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

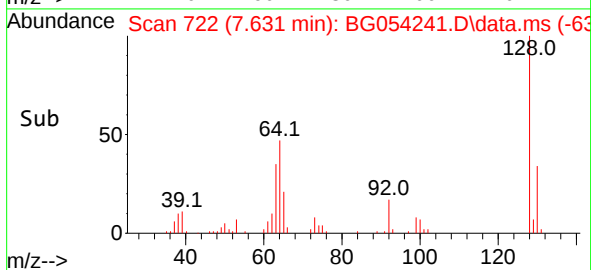
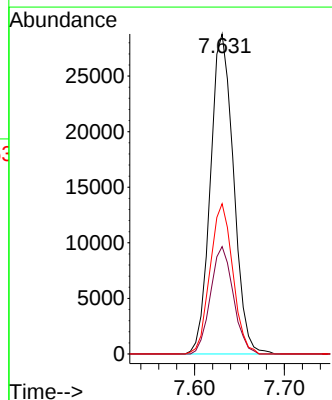
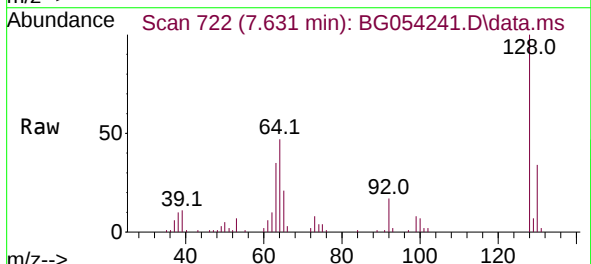
Instrument :
BNA_G
ClientSampleId :
PB146064BS

Tgt Ion: 99 Resp: 187142
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 42.0 33.8 50.8



#8
2-Chlorophenol
Concen: 46.035 ng
RT: 7.631 min Scan# 722
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion: 128 Resp: 51506
Ion Ratio Lower Upper
128 100
130 33.6 10.5 50.5
64 46.9 35.1 75.1

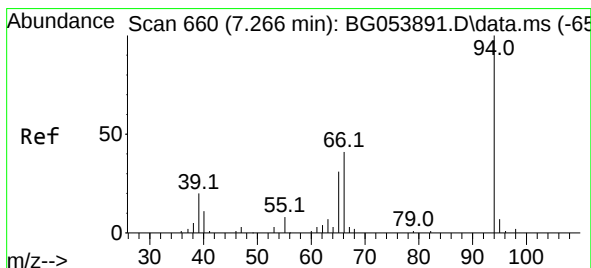
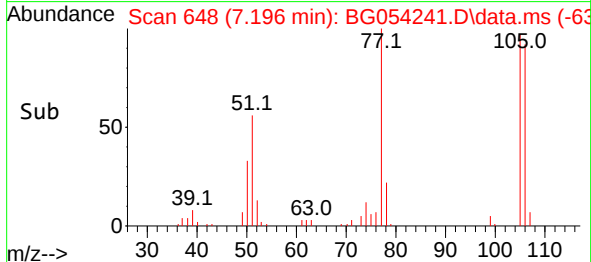
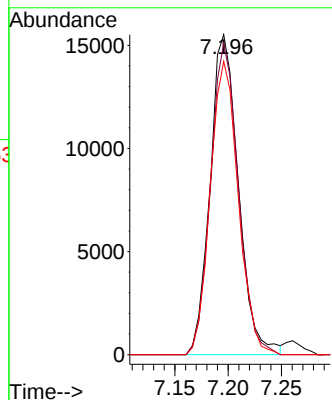
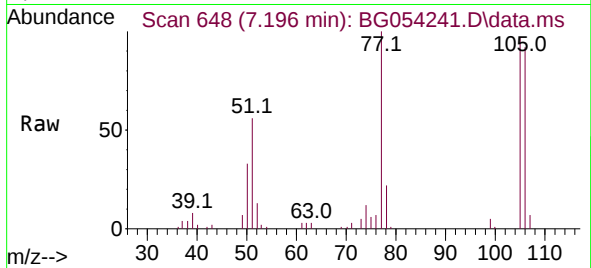




#9
Benzaldehyde
Concen: 34.114 ng
RT: 7.196 min Scan# 64
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

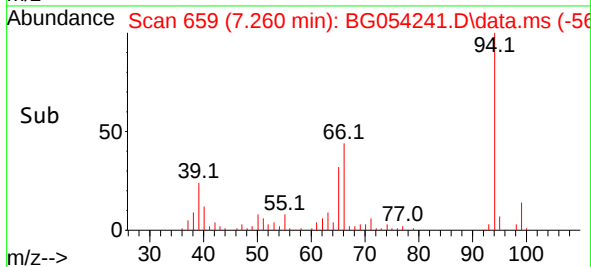
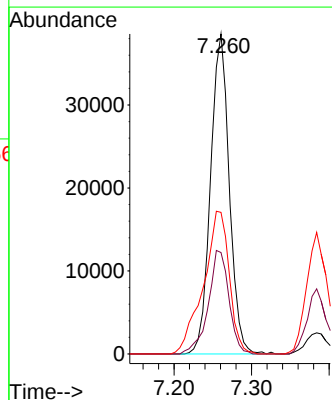
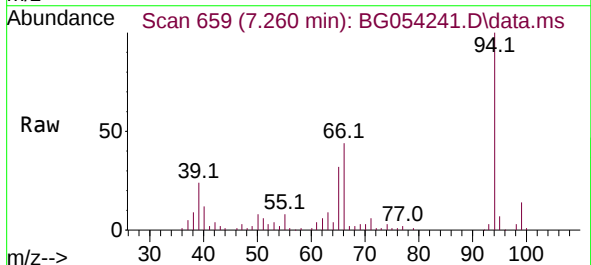
Instrument :
BNA_G
ClientSampleId :
PB146064BS

Tgt Ion: 77 Resp: 28620
Ion Ratio Lower Upper
77 100
105 97.3 59.6 99.6
106 91.6 56.8 96.8



#10
Phenol
Concen: 44.893 ng
RT: 7.260 min Scan# 659
Delta R.T. 0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion: 94 Resp: 64673
Ion Ratio Lower Upper
94 100
65 31.7 14.8 54.8
66 44.3 25.2 65.2

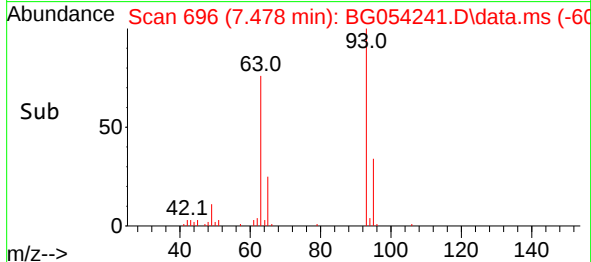
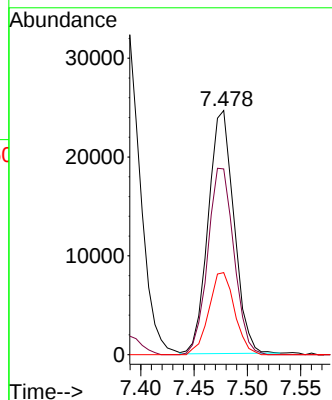
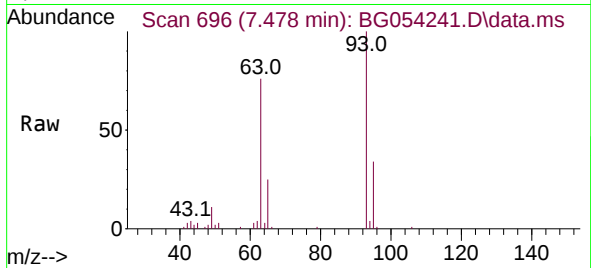




#11
bis(2-Chloroethyl)ether
Concen: 37.418 ng
RT: 7.478 min Scan# 696
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

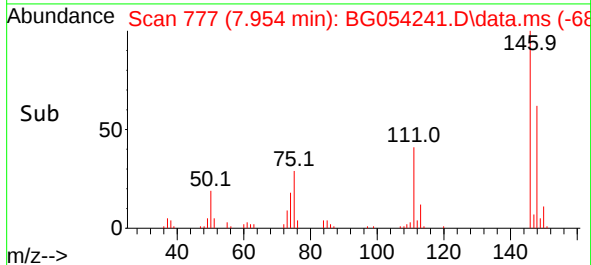
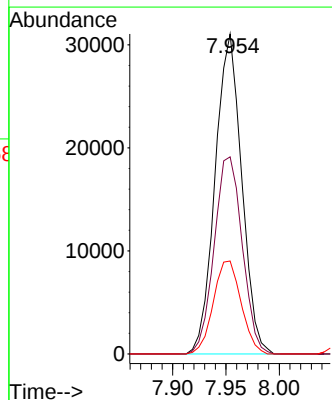
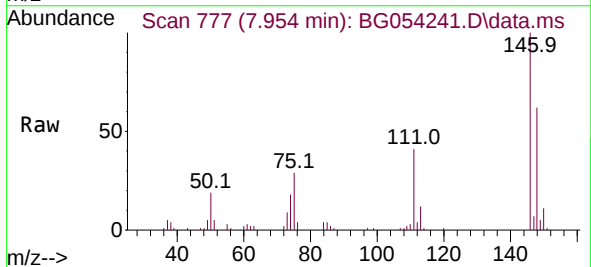
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ClientSampleId :
PB146064BS

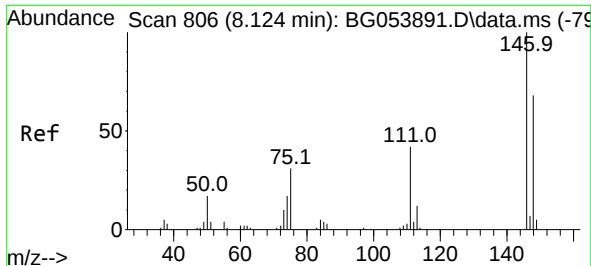
Tgt Ion: 93 Resp: 41374
Ion Ratio Lower Upper
93 100
63 76.0 63.6 103.6
95 33.6 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 38.361 ng
RT: 7.954 min Scan# 777
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:146 Resp: 53780
Ion Ratio Lower Upper
146 100
148 61.6 46.1 69.1
75 29.1 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 38.897 ng

RT: 8.095 min Scan# 80

Delta R.T. 0.000 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

Instrument :

BNA_G

ClientSampleId :

PB146064BS

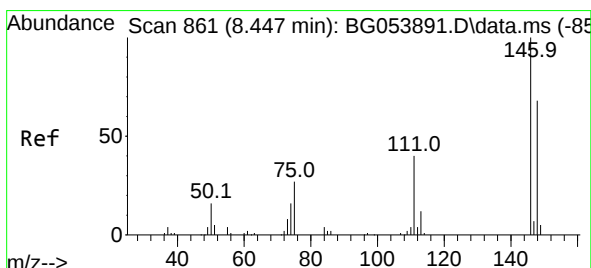
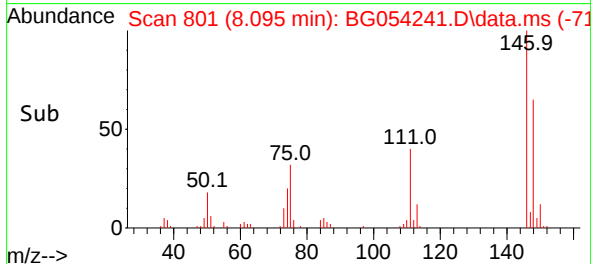
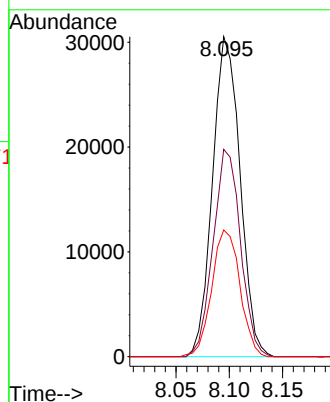
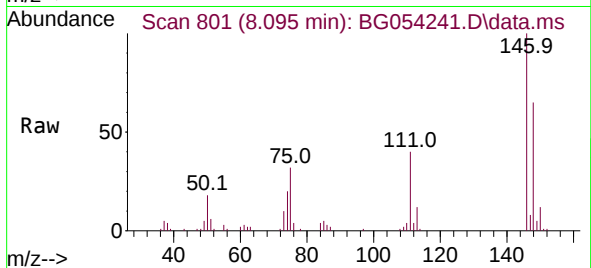
Tgt Ion:146 Resp: 54778

Ion Ratio Lower Upper

146 100

148 64.8 51.5 77.3

111 39.6 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 40.327 ng

RT: 8.418 min Scan# 856

Delta R.T. 0.000 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

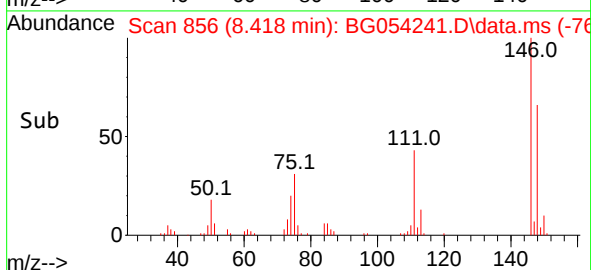
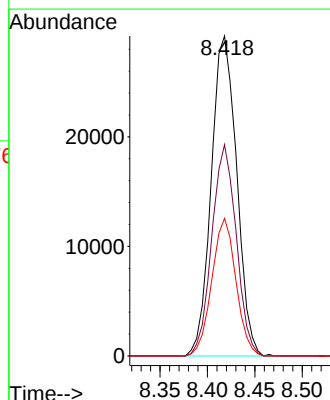
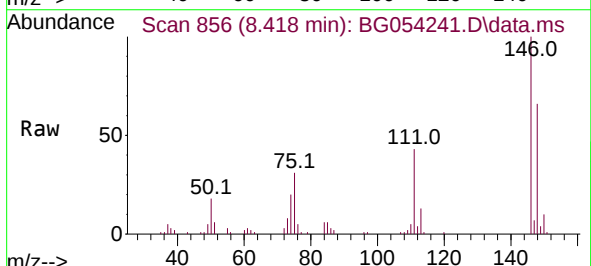
Tgt Ion:146 Resp: 54518

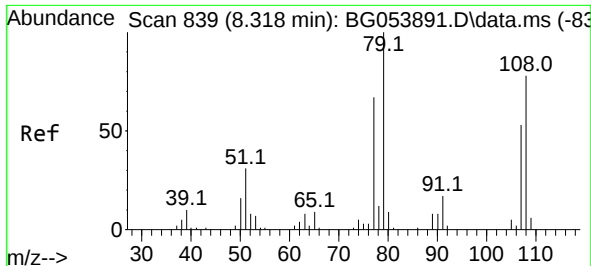
Ion Ratio Lower Upper

146 100

148 66.1 52.6 78.8

111 43.0 34.5 51.7

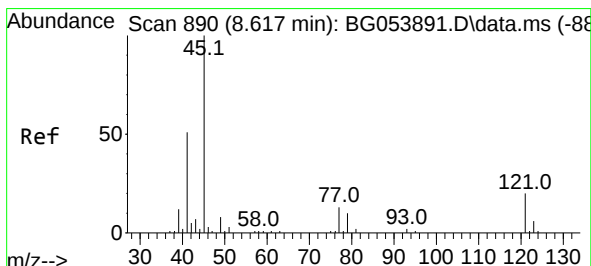
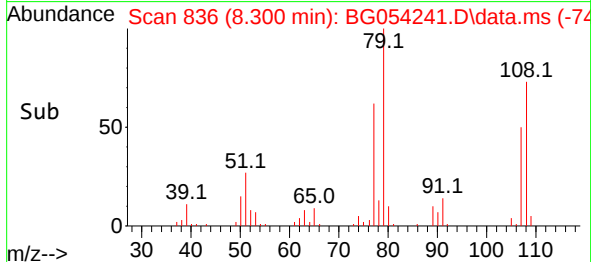
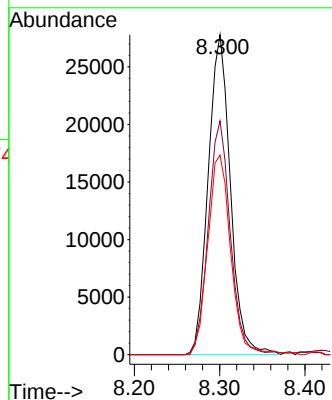
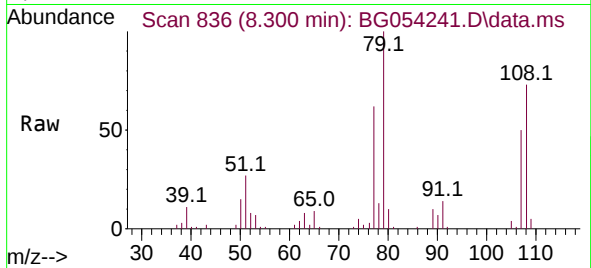




#15
Benzyl Alcohol
Concen: 47.380 ng
RT: 8.300 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

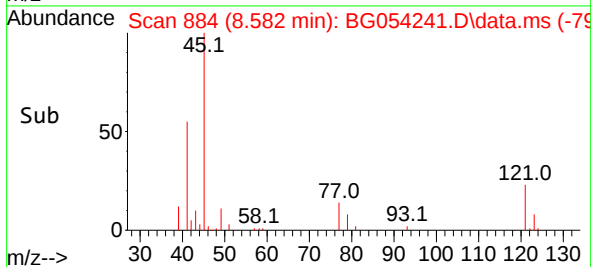
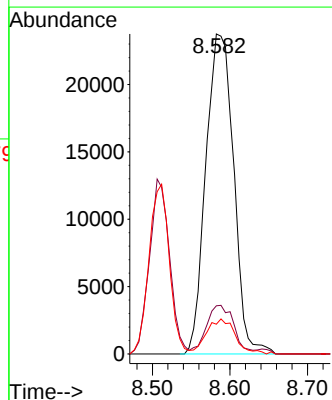
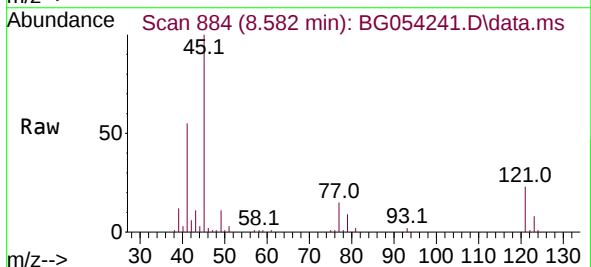
Instrument :
BNA_G
ClientSampleId :
PB146064BS

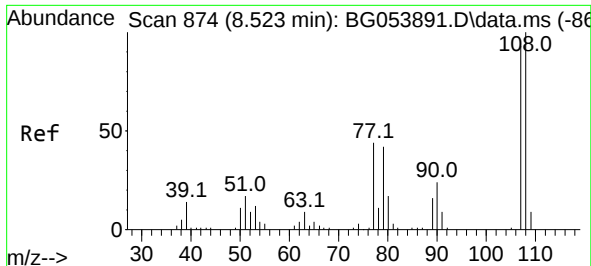
Tgt Ion: 79 Resp: 50338
Ion Ratio Lower Upper
79 100
108 73.1 53.7 80.5
77 62.3 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.874 ng
RT: 8.582 min Scan# 884
Delta R.T. -0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

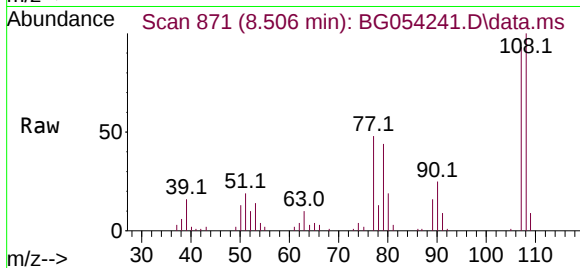
Tgt Ion: 45 Resp: 59298
Ion Ratio Lower Upper
45 100
77 15.1 0.0 32.7
79 9.3 0.0 29.7



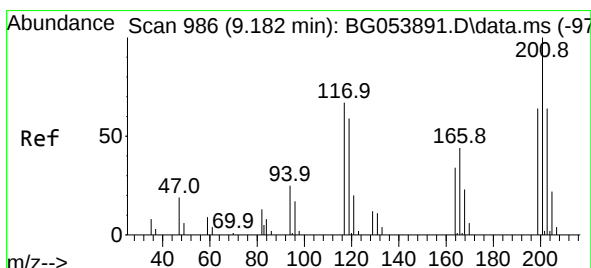
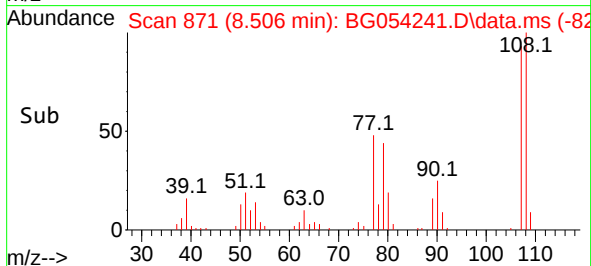
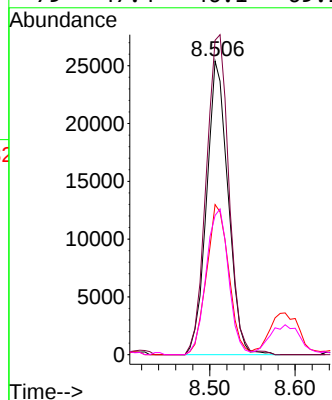


#17
2-Methylphenol
Concen: 44.448 ng
RT: 8.506 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Instrument :
BNA_G
ClientSampleId :
PB146064BS

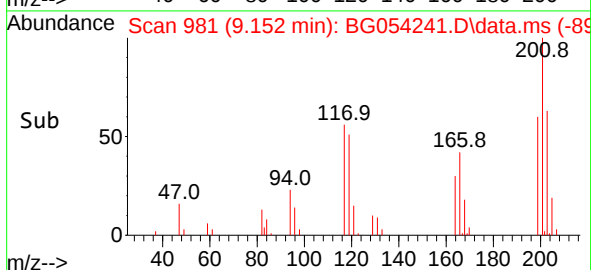
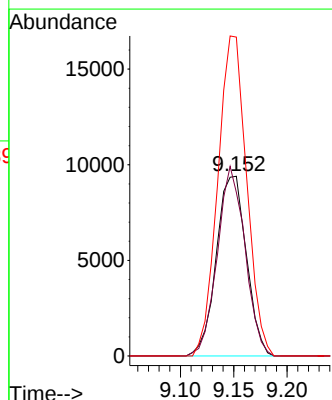
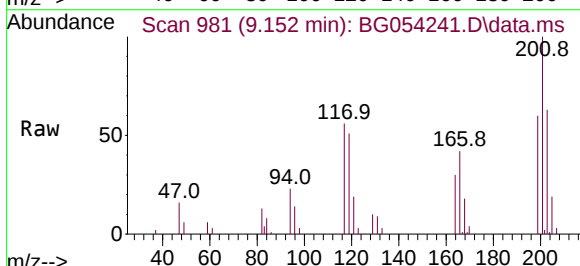


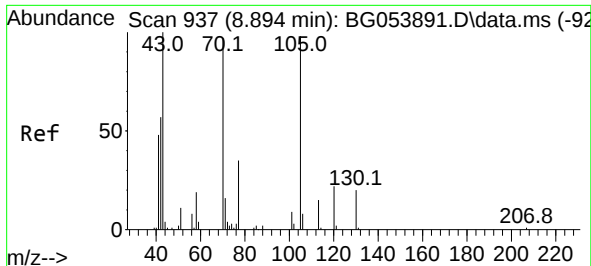
Tgt Ion:	107	Resp:	44481
Ion	Ratio	Lower	Upper
107	100		
108	107.1	85.4	128.0
77	51.1	46.2	69.2
79	47.4	46.1	69.1



#18
Hexachloroethane
Concen: 39.445 ng
RT: 9.152 min Scan# 981
Delta R.T. 0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:	117	Resp:	18428
Ion	Ratio	Lower	Upper
117	100		
119	91.0	75.0	112.6
201	180.7	89.0	133.6#

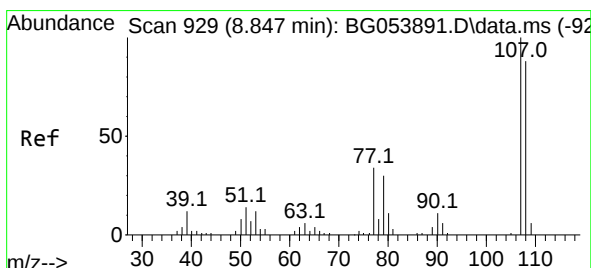
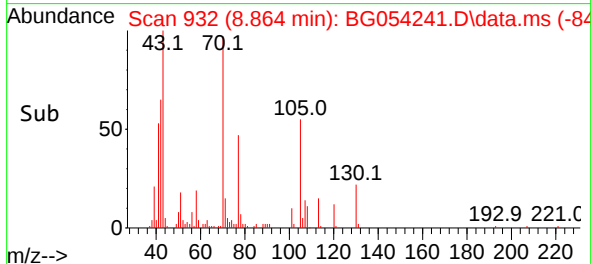
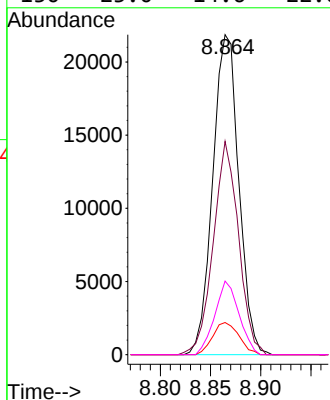
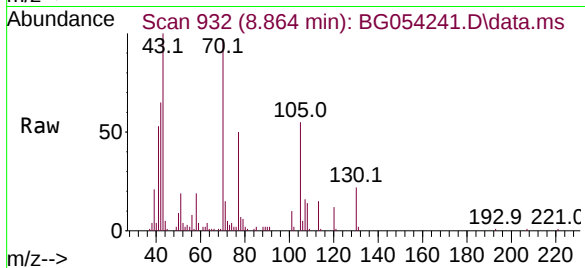




#19
n-Nitroso-di-n-propylamine
Concen: 41.212 ng
RT: 8.864 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

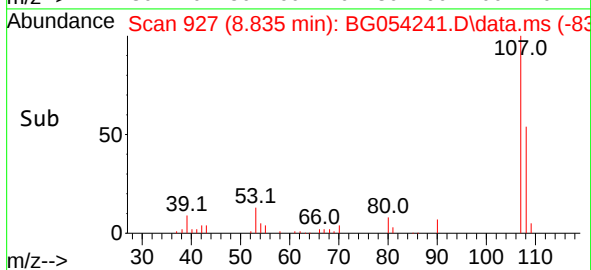
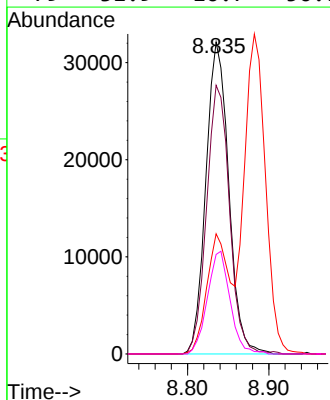
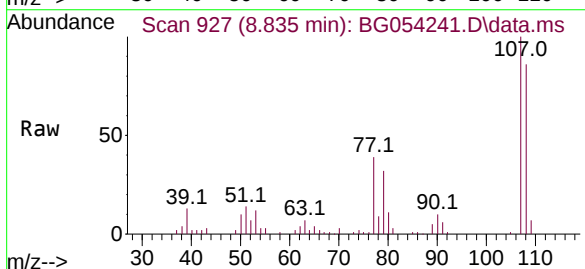
Instrument :
BNA_G
ClientSampleId :
PB146064BS

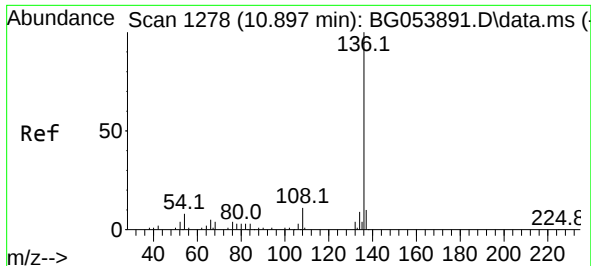
Tgt Ion: 70 Resp: 39357
Ion Ratio Lower Upper
70 100
42 66.7 47.3 70.9
101 10.0 7.0 10.4
130 23.0 14.6 22.0#



#20
3+4-Methylphenols
Concen: 44.672 ng
RT: 8.835 min Scan# 927
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion: 107 Resp: 62695
Ion Ratio Lower Upper
107 100
108 86.1 67.5 107.5
77 38.5 20.3 60.3
79 31.9 16.7 56.7

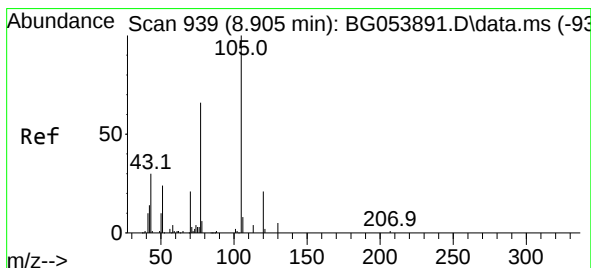
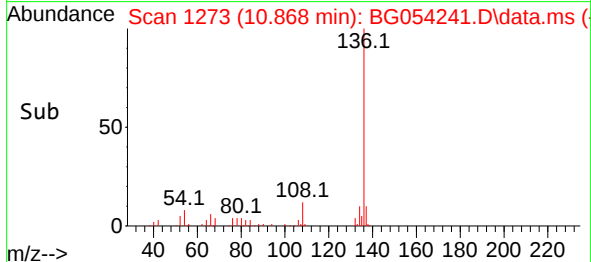
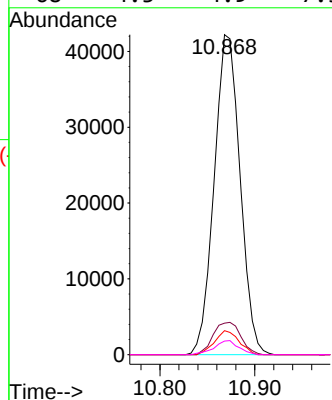
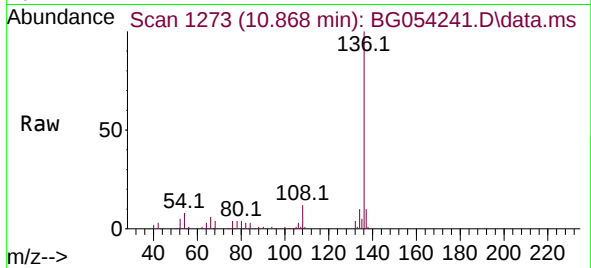




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.868 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

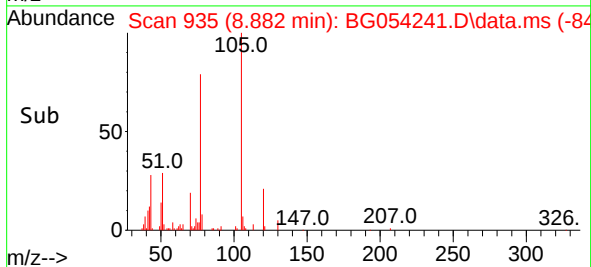
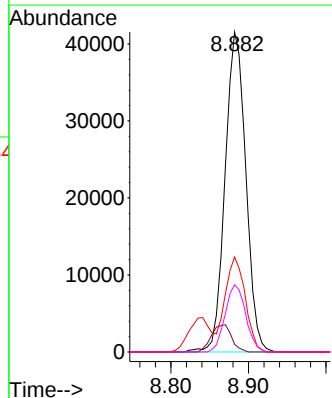
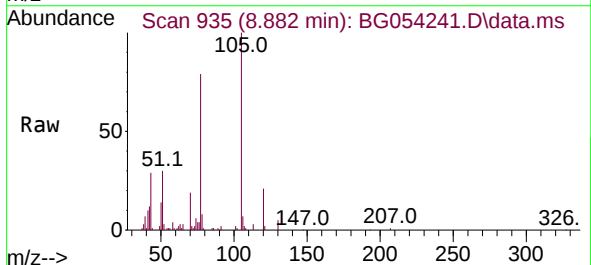
Instrument :
BNA_G
ClientSampleId :
PB146064BS

Tgt Ion:136 Resp: 80155
Ion Ratio Lower Upper
136 100
137 9.9 8.5 12.7
54 7.5 7.4 11.2
68 4.3 4.9 7.3#



#22
Acetophenone
Concen: 39.725 ng
RT: 8.882 min Scan# 935
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:105 Resp: 77399
Ion Ratio Lower Upper
105 100
71 2.4 1.1 1.7#
51 29.7 25.4 38.0
120 21.0 17.3 25.9

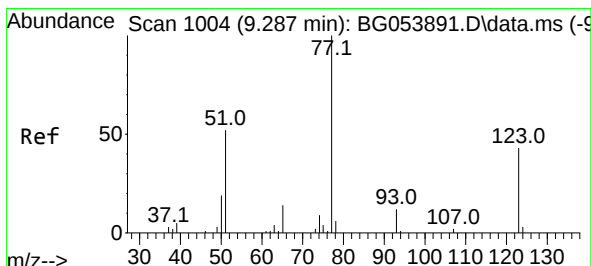
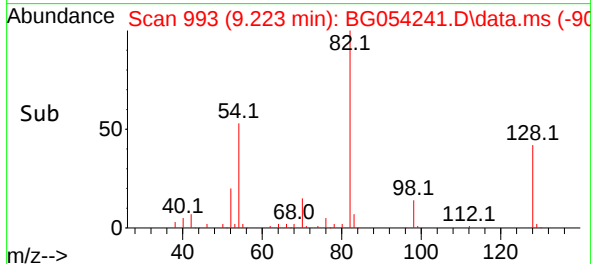
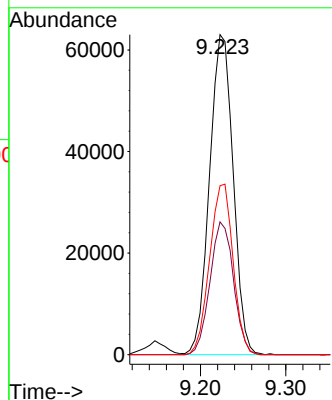
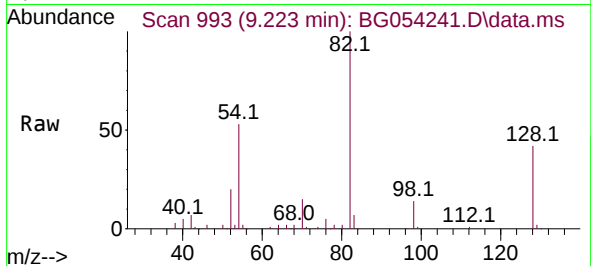




#23
Nitrobenzene-d5
Concen: 85.027 ng
RT: 9.223 min Scan# 991
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

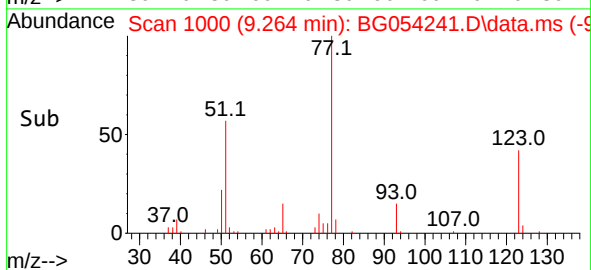
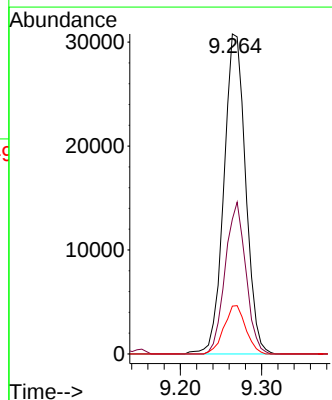
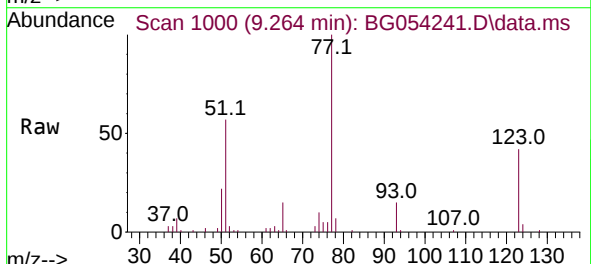
Instrument :
BNA_G
ClientSampleId :
PB146064BS

Tgt Ion: 82 Resp: 121277
Ion Ratio Lower Upper
82 100
128 41.5 27.9 41.9
54 52.8 41.2 61.8



#24
Nitrobenzene
Concen: 40.731 ng
RT: 9.264 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion: 77 Resp: 57210
Ion Ratio Lower Upper
77 100
123 42.1 27.4 41.0#
65 14.9 11.4 17.0

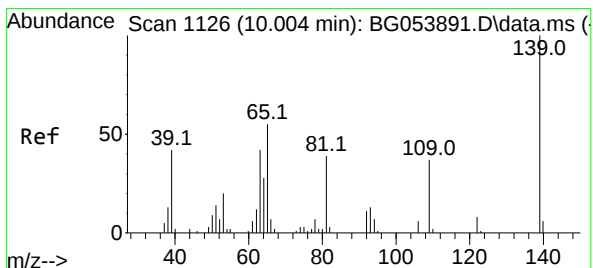
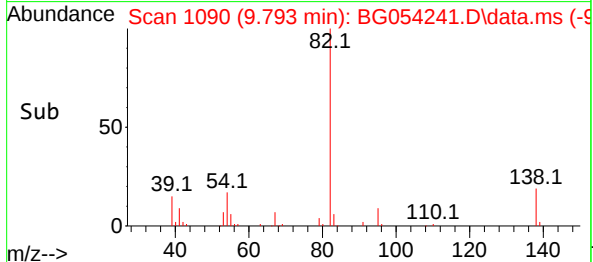
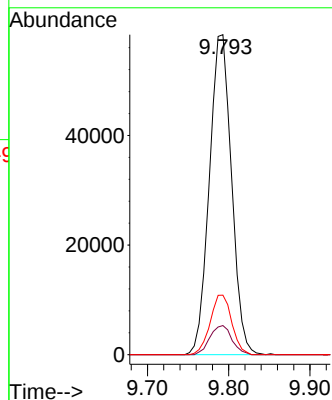
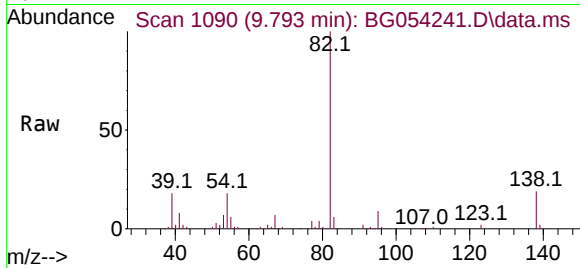




#25
Isophorone
Concen: 41.536 ng
RT: 9.793 min Scan# 110646
Delta R.T. 0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

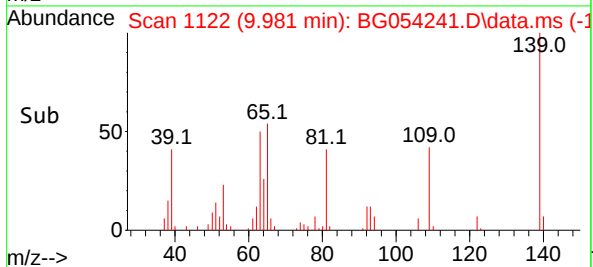
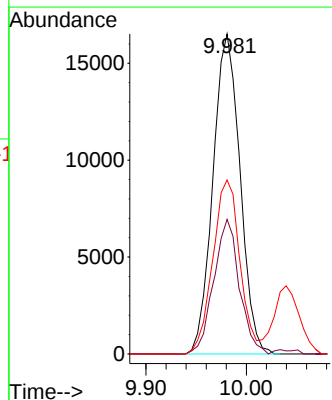
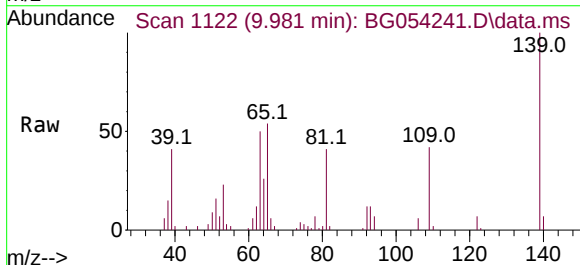
Instrument :
BNA_G
ClientSampleId :
PB146064BS

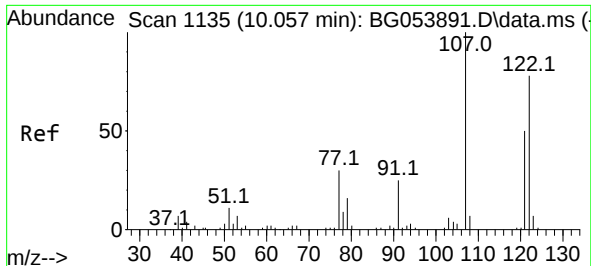
Tgt Ion: 82 Resp: 110646
Ion Ratio Lower Upper
82 100
95 9.1 6.2 9.4
138 18.6 11.6 17.4#



#26
2-Nitrophenol
Concen: 49.852 ng
RT: 9.981 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:139 Resp: 30927
Ion Ratio Lower Upper
139 100
109 42.1 36.1 54.1
65 54.4 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 52.048 ng

RT: 10.040 min Scan# 1132

Delta R.T. 0.000 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

Instrument :

BNA_G

ClientSampleId :

PB146064BS

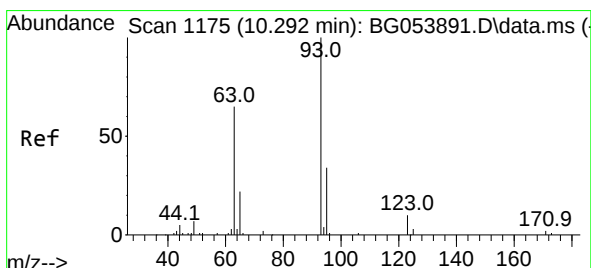
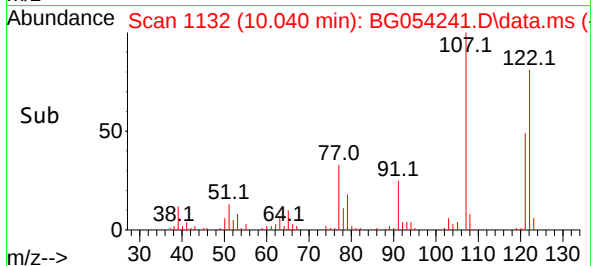
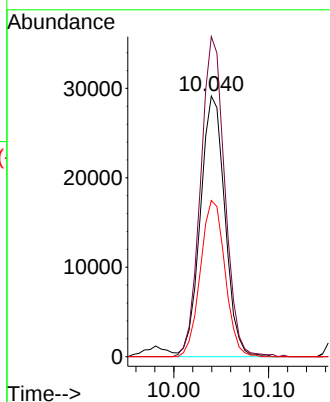
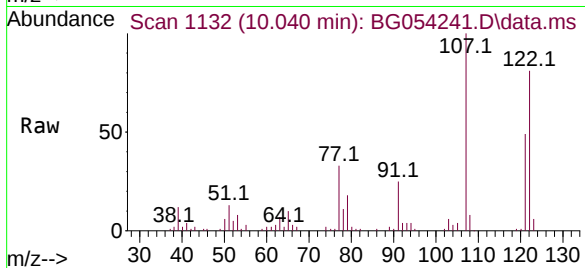
Tgt Ion:122 Resp: 52263

Ion Ratio Lower Upper

122 100

107 122.8 109.4 164.0

121 59.9 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.620 ng

RT: 10.269 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

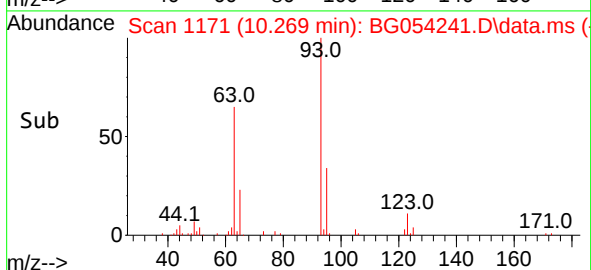
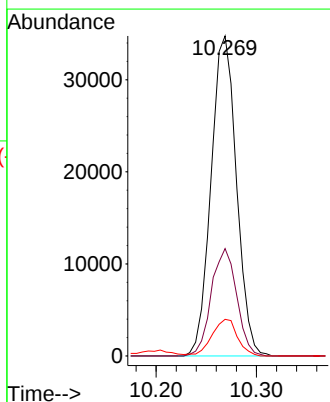
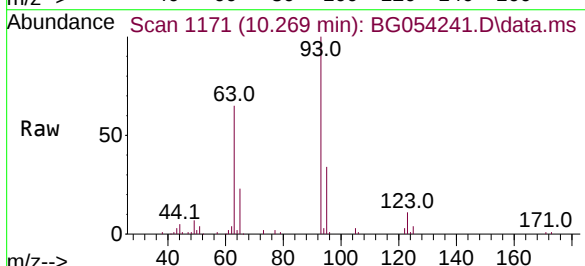
Tgt Ion: 93 Resp: 61162

Ion Ratio Lower Upper

93 100

95 33.6 26.9 40.3

123 11.5 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 48.776 ng

RT: 10.521 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

Instrument :

BNA_G

ClientSampleId :

PB146064BS

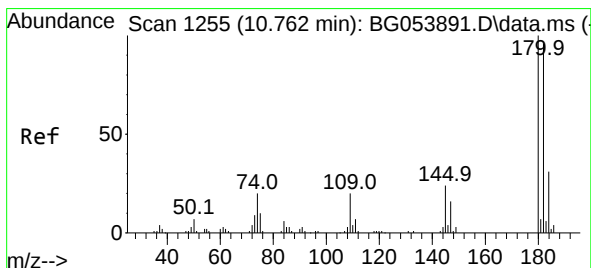
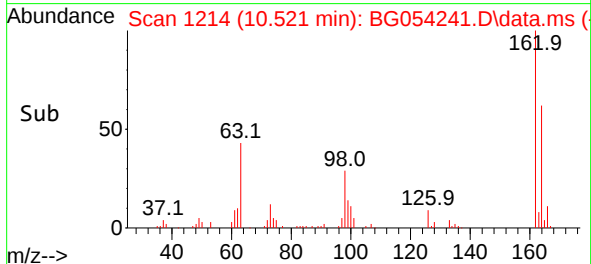
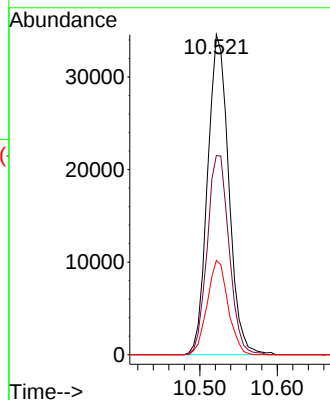
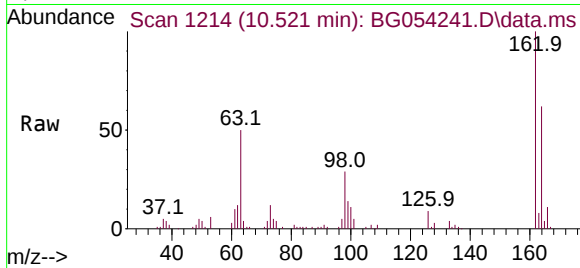
Tgt Ion:162 Resp: 65668

Ion Ratio Lower Upper

162 100

164 62.3 46.6 86.6

98 29.5 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 42.003 ng

RT: 10.733 min Scan# 1250

Delta R.T. 0.000 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

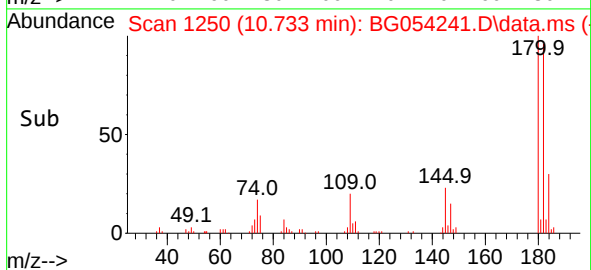
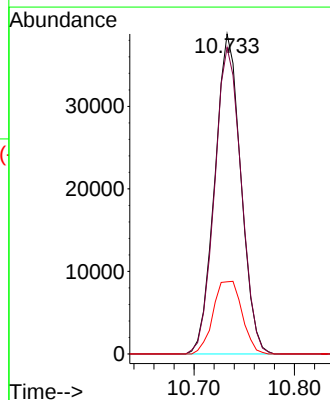
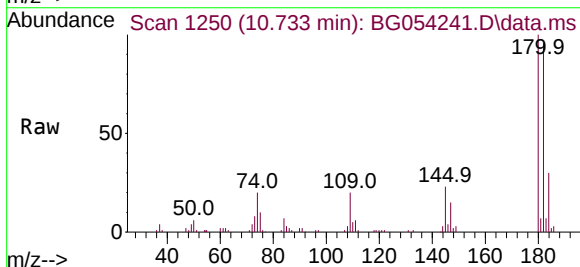
Tgt Ion:180 Resp: 70020

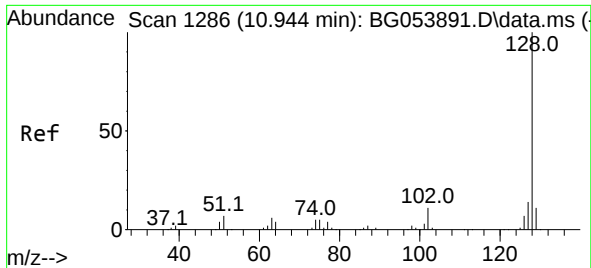
Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

145 22.6 25.0 37.4#

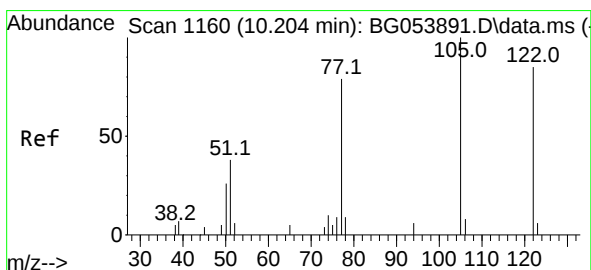
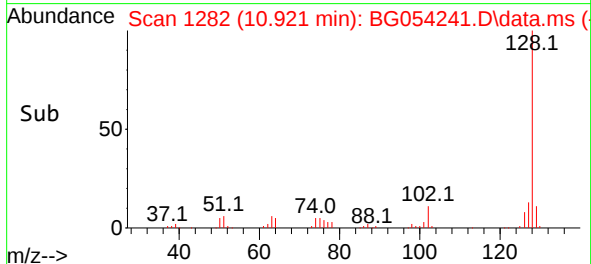
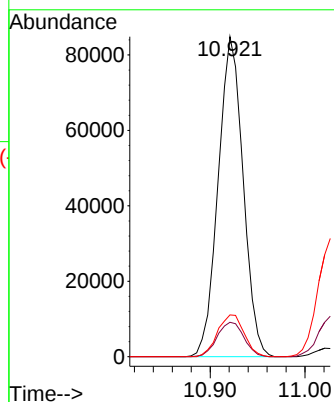
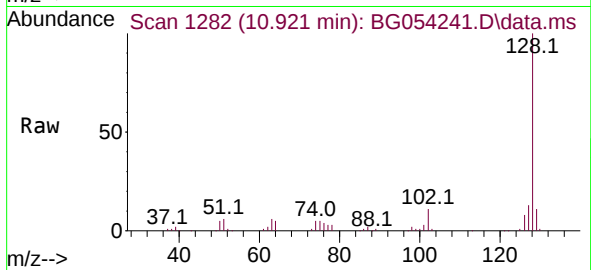




#31
Naphthalene
Concen: 38.354 ng
RT: 10.921 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

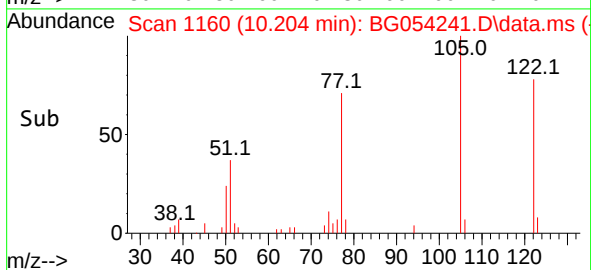
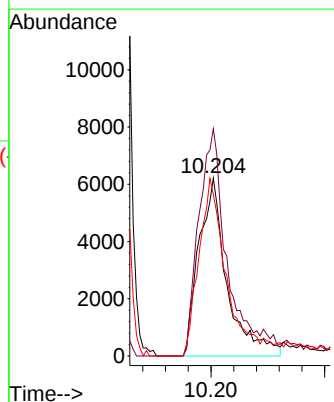
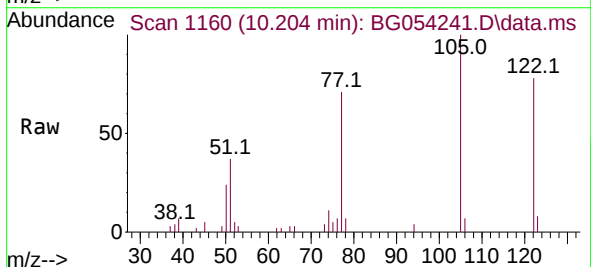
Instrument :
BNA_G
ClientSampleId :
PB146064BS

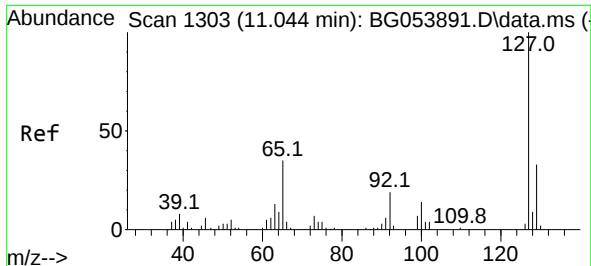
Tgt Ion:128 Resp: 155196
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.0 11.1 16.7



#32
Benzoic acid
Concen: 48.569 ng
RT: 10.204 min Scan# 1160
Delta R.T. 0.012 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:122 Resp: 21324
Ion Ratio Lower Upper
122 100
105 127.9 111.8 151.8
77 90.8 109.4 149.4#

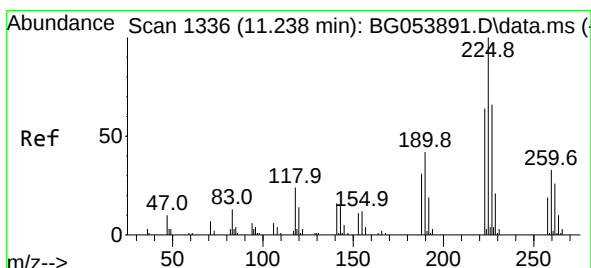
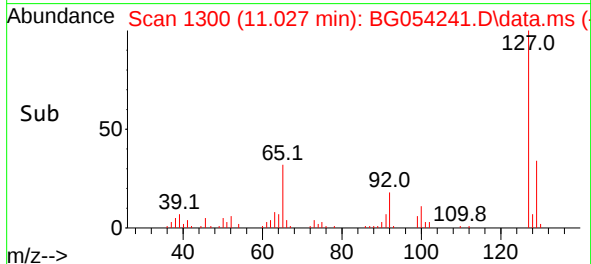
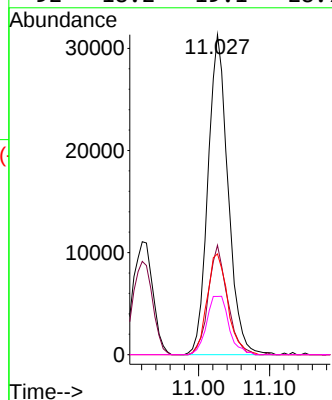
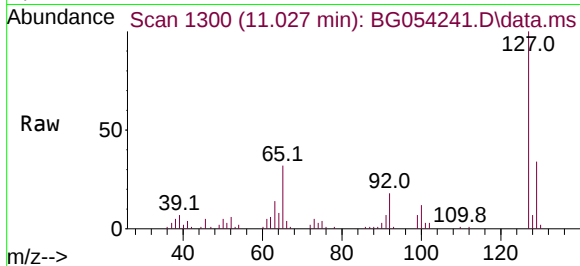




#33
4-Chloroaniline
Concen: 36.663 ng
RT: 11.027 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

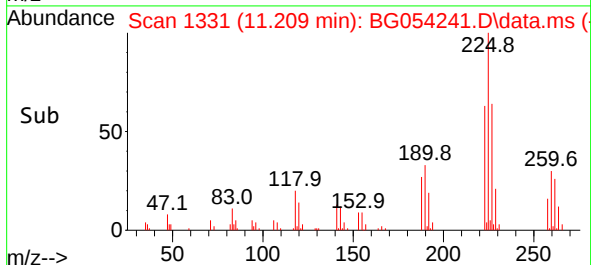
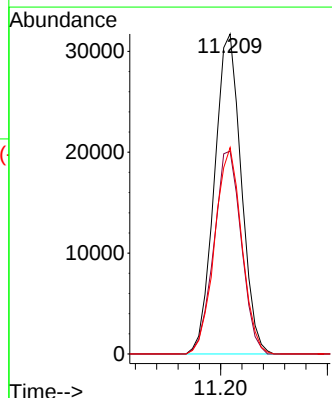
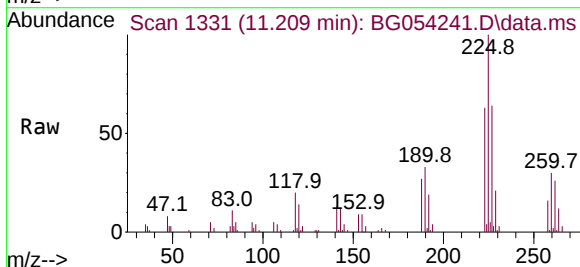
Instrument :
BNA_G
ClientSampleId :
PB146064BS

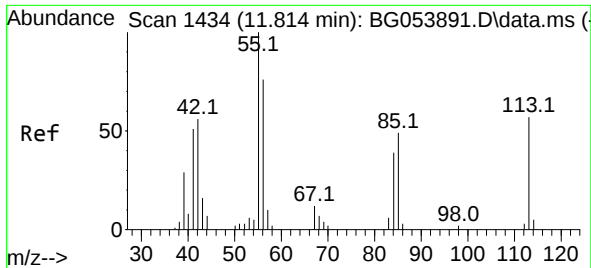
Tgt Ion:127	Resp:	61546
Ion Ratio	Lower	Upper
127	100	
129	34.2	26.3 39.5
65	31.5	31.1 46.7
92	18.2	19.1 28.7



#34
Hexachlorobutadiene
Concen: 43.212 ng
RT: 11.209 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:225	Resp:	55383
Ion Ratio	Lower	Upper
225	100	
223	63.4	48.9 73.3
227	67.1	52.8 79.2

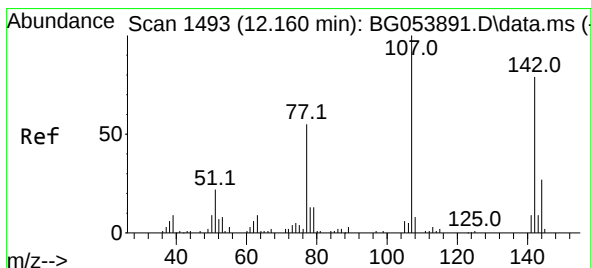
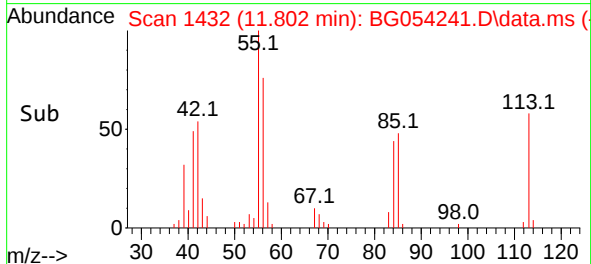
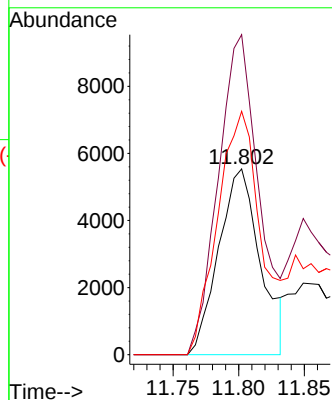
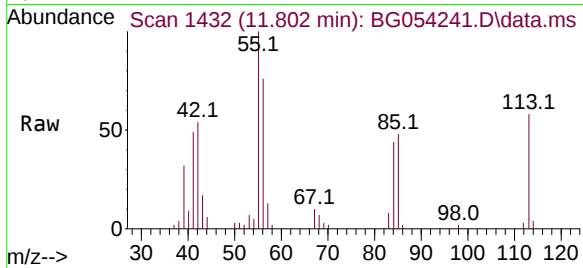




#35
 Caprolactam
 Concen: 32.939 ng
 RT: 11.802 min Scan# 1432
 Delta R.T. 0.006 min
 Lab File: BG054241.D
 Acq: 8 Jul 2022 11:04

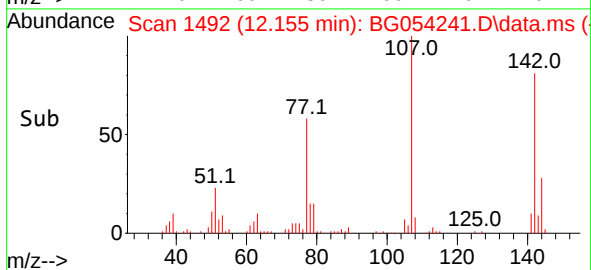
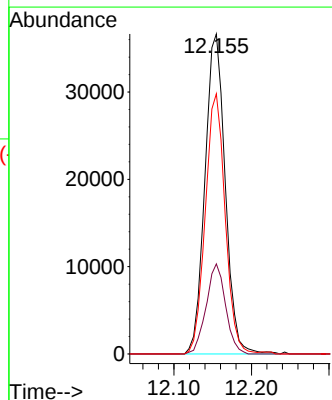
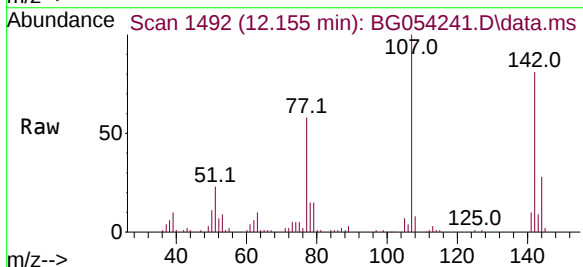
Instrument :
 BNA_G
 ClientSampleId :
 PB146064BS

Tgt Ion:113 Resp: 12208
 Ion Ratio Lower Upper
 113 100
 55 172.3 169.8 209.8
 56 131.0 141.2 181.2#



#36
 4-Chloro-3-methylphenol
 Concen: 50.827 ng
 RT: 12.155 min Scan# 1492
 Delta R.T. 0.006 min
 Lab File: BG054241.D
 Acq: 8 Jul 2022 11:04

Tgt Ion:107 Resp: 66520
 Ion Ratio Lower Upper
 107 100
 144 28.2 18.5 27.7#
 142 81.3 55.0 82.4





#37

2-Methylnaphthalene

Concen: 41.619 ng

RT: 12.525 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

Instrument :

BNA_G

ClientSampleId :

PB146064BS

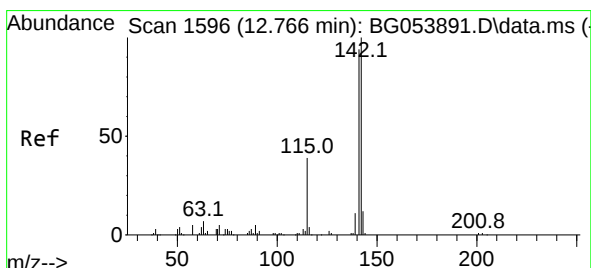
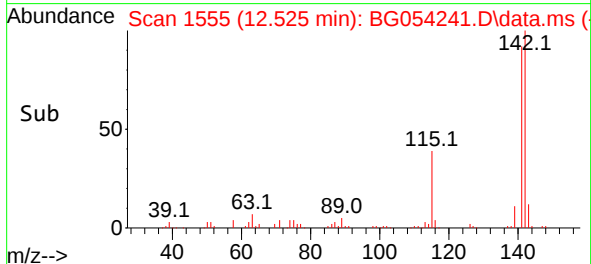
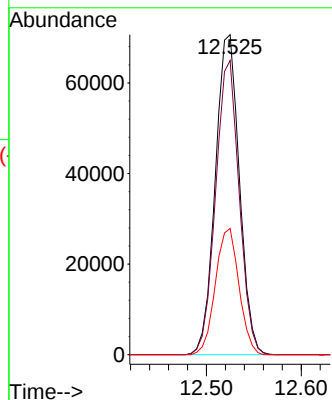
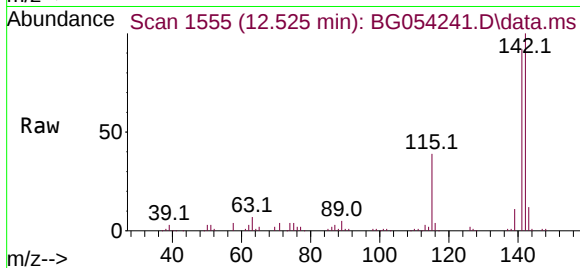
Tgt Ion:142 Resp: 124599

Ion Ratio Lower Upper

142 100

141 91.9 72.3 108.5

115 39.4 33.7 50.5



#38

1-Methylnaphthalene

Concen: 41.366 ng

RT: 12.742 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

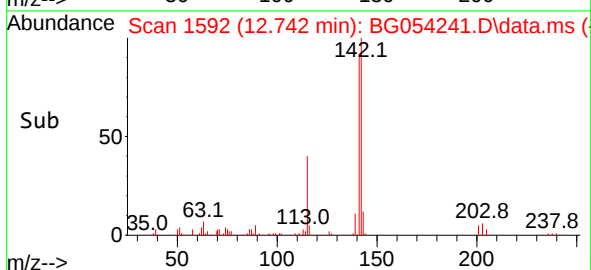
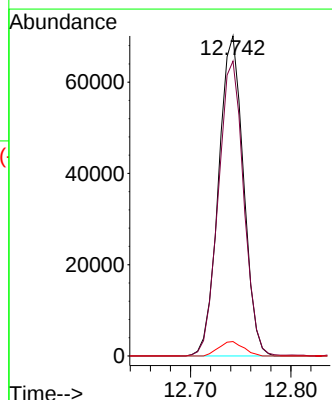
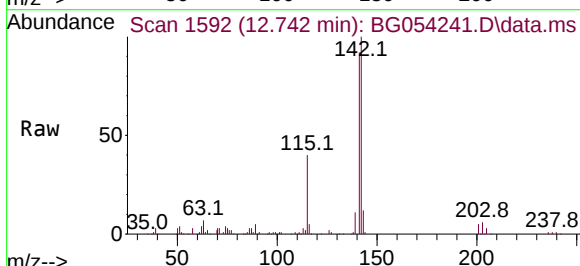
Tgt Ion:142 Resp: 120586

Ion Ratio Lower Upper

142 100

141 92.2 76.4 114.6

116 4.5 3.3 4.9

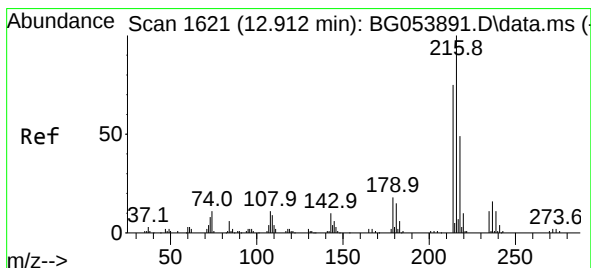
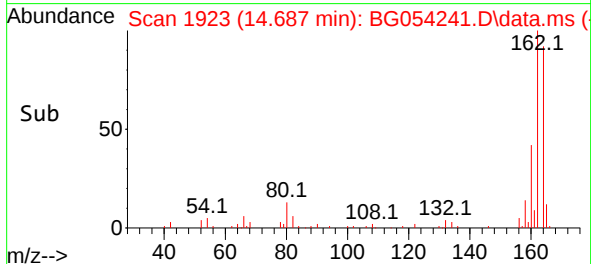
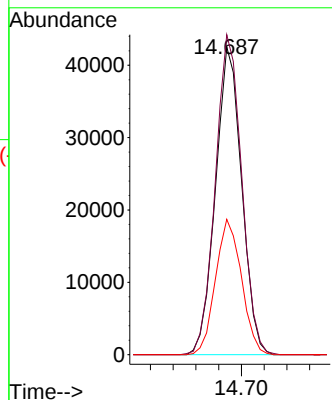
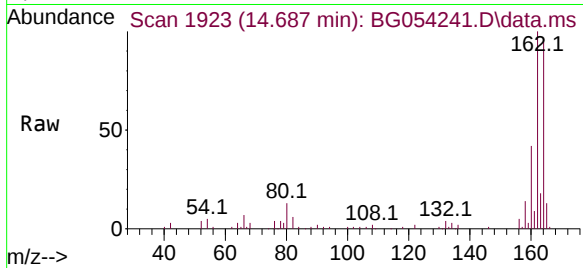




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

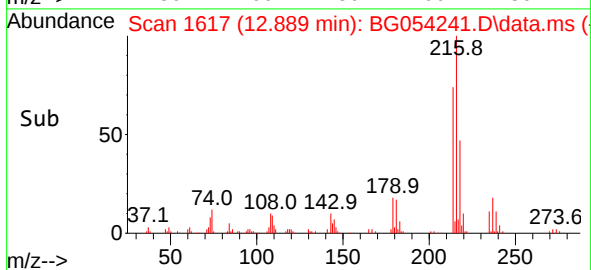
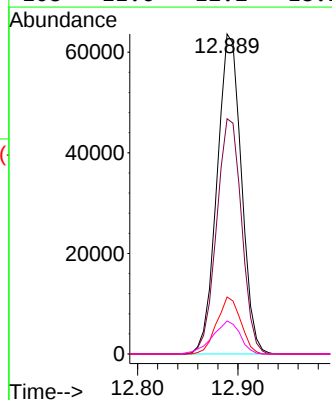
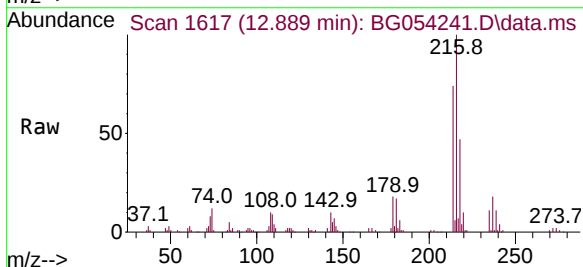
Instrument :
BNA_G
ClientSampleId :
PB146064BS

Tgt Ion:164 Resp: 67891
Ion Ratio Lower Upper
164 100
162 104.0 82.3 123.5
160 44.0 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.016 ng
RT: 12.889 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

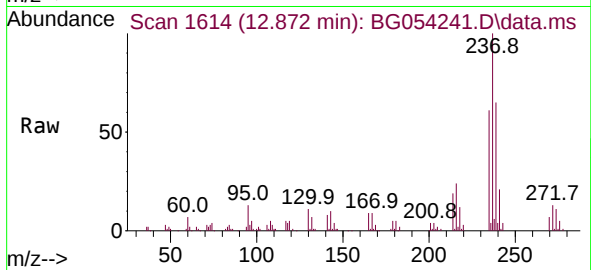
Tgt Ion:216 Resp: 107298
Ion Ratio Lower Upper
216 100
214 75.4 62.9 94.3
179 17.4 16.1 24.1
108 11.6 12.2 18.2#



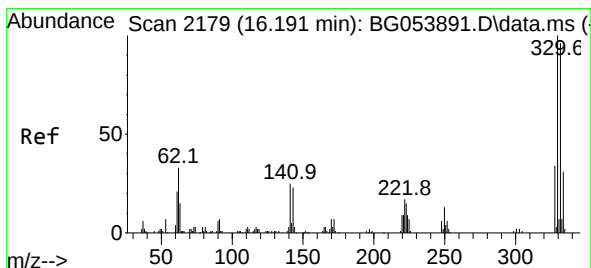
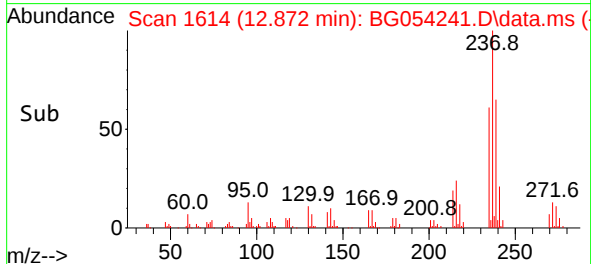
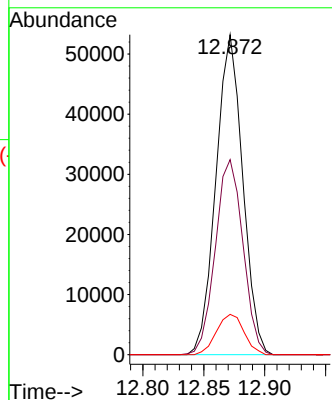


#41
Hexachlorocyclopentadiene
Concen: 66.799 ng
RT: 12.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Instrument :
BNA_G
ClientSampleId :
PB146064BS

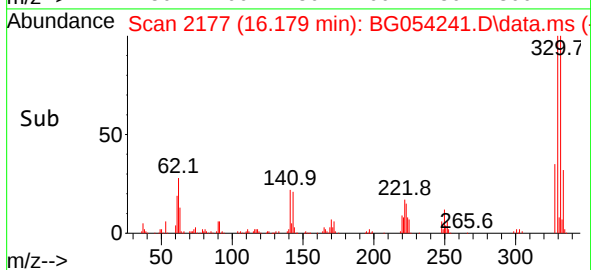
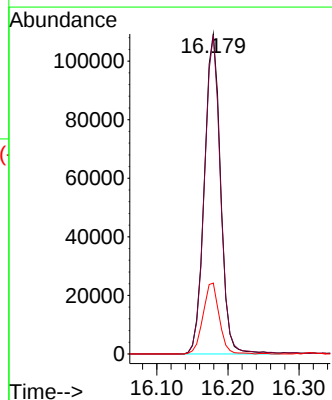
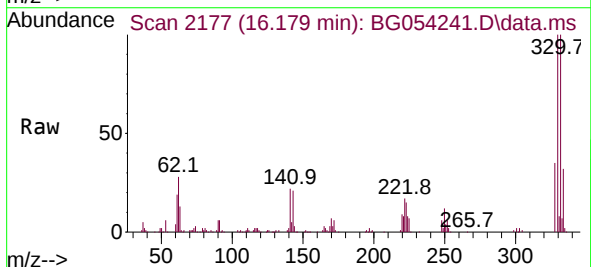


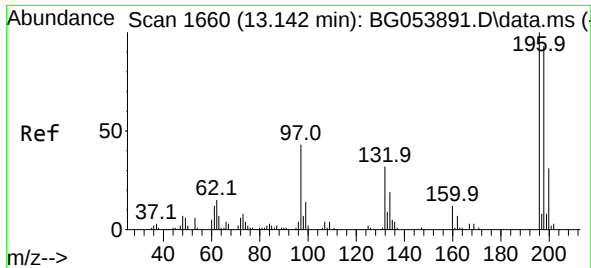
Tgt Ion:237 Resp: 81369
Ion Ratio Lower Upper
237 100
235 60.9 43.5 83.5
272 12.6 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 159.334 ng
RT: 16.179 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:330 Resp: 173800
Ion Ratio Lower Upper
330 100
332 98.4 76.0 114.0
141 22.1 27.1 40.7#

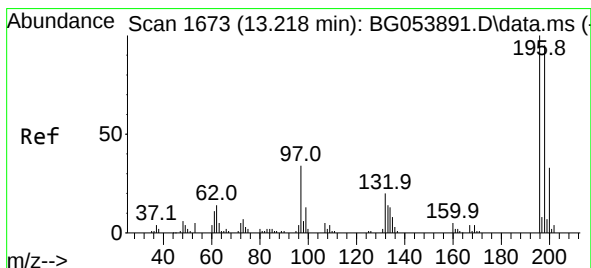
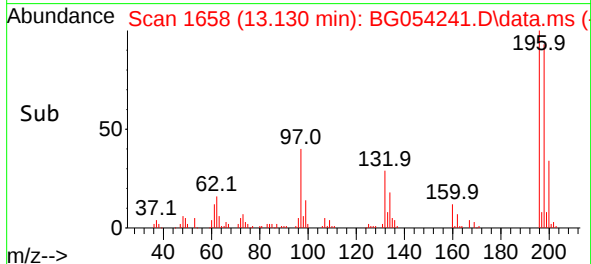
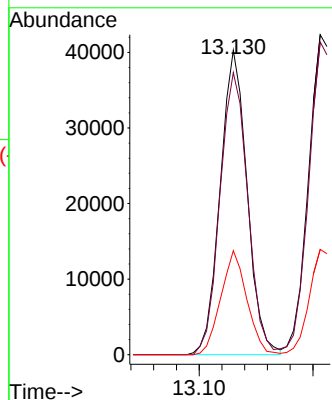
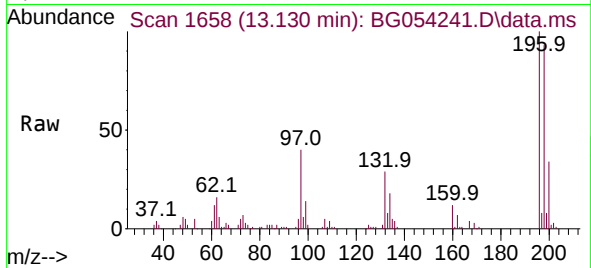




#43
2,4,6-Trichlorophenol
Concen: 45.156 ng
RT: 13.130 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

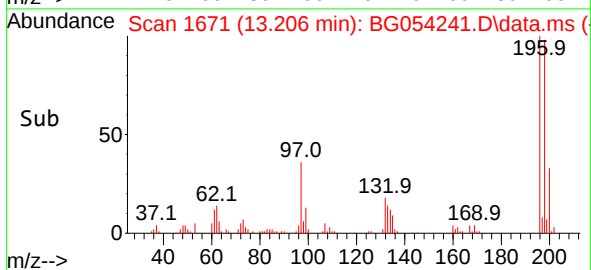
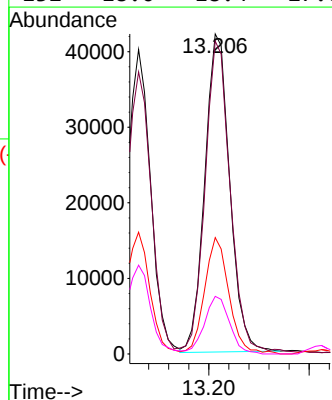
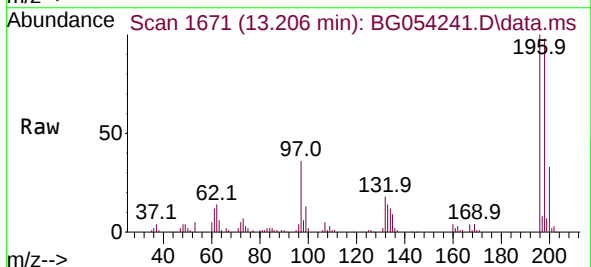
Instrument :
BNA_G
ClientSampleId :
PB146064BS

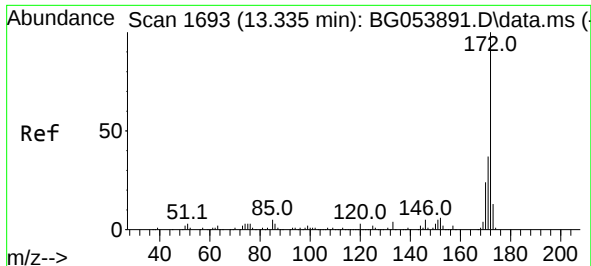
Tgt Ion:196 Resp: 66355
Ion Ratio Lower Upper
196 100
198 92.7 74.1 111.1
200 34.1 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 44.312 ng
RT: 13.206 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:196 Resp: 72706
Ion Ratio Lower Upper
196 100
198 97.8 76.8 115.2
97 36.4 39.8 59.6#
132 18.0 18.4 27.6#

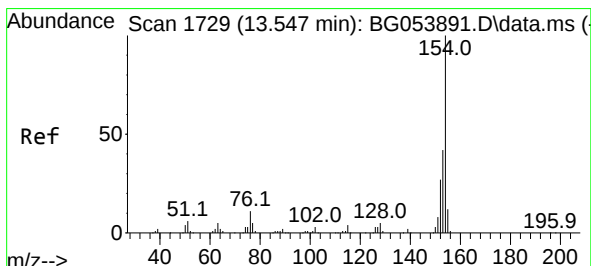
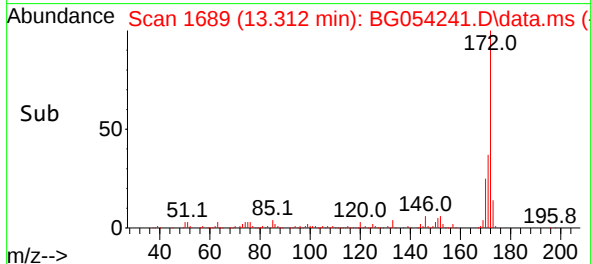
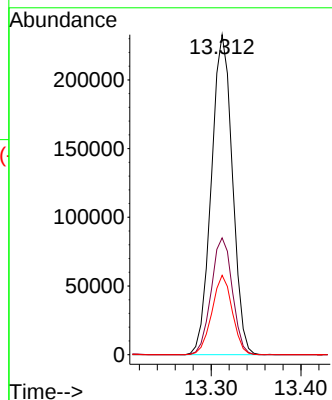
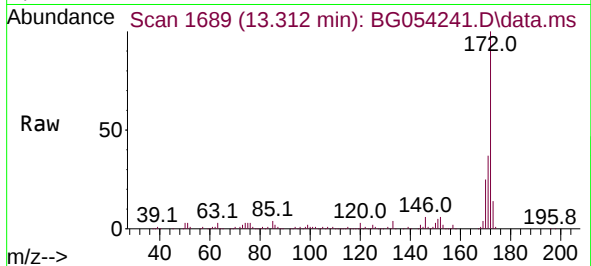




#45
2-Fluorobiphenyl
Concen: 81.122 ng
RT: 13.312 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

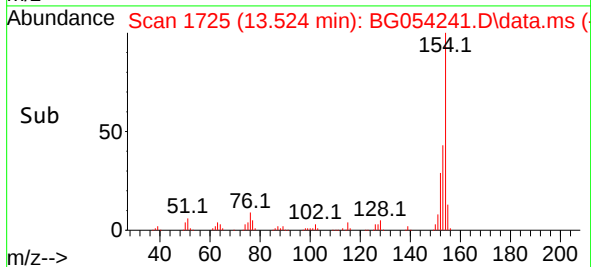
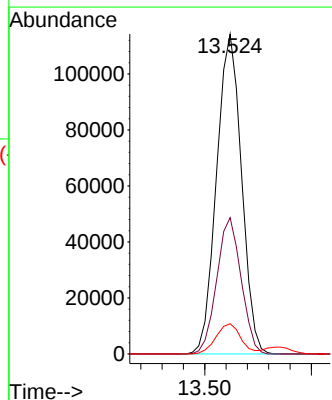
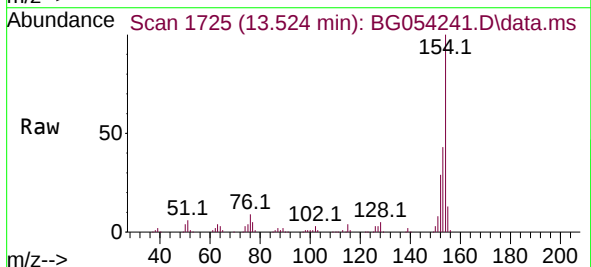
Instrument :
BNA_G
ClientSampleId :
PB146064BS

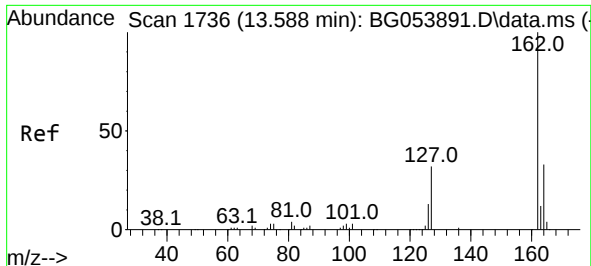
Tgt Ion:172 Resp: 378746
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 39.182 ng
RT: 13.524 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:154 Resp: 185294
Ion Ratio Lower Upper
154 100
153 42.6 21.6 61.6
76 9.5 0.0 32.6





#47

2-Chloronaphthalene

Concen: 39.961 ng

RT: 13.571 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

Instrument :

BNA_G

ClientSampleId :

PB146064BS

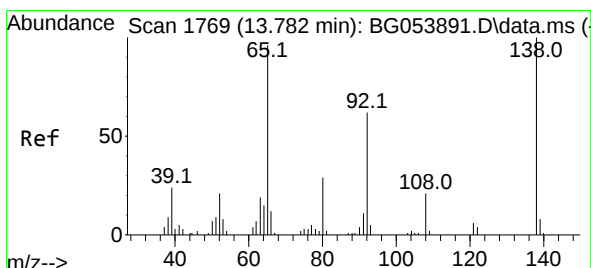
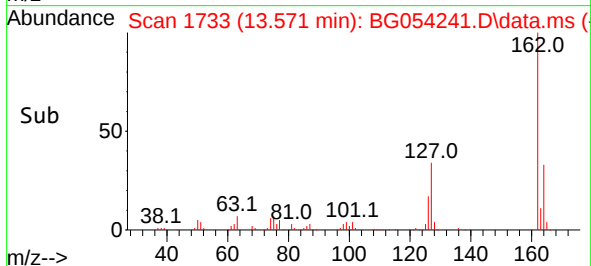
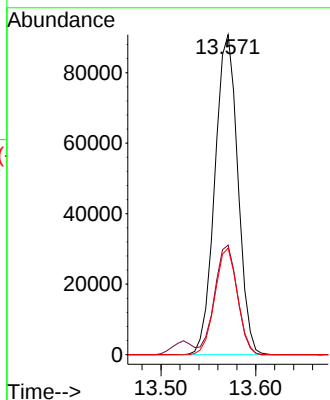
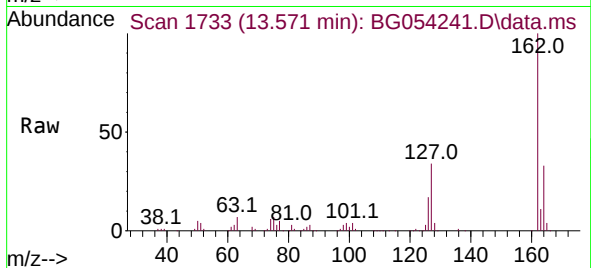
Tgt Ion:162 Resp: 152938

Ion Ratio Lower Upper

162 100

127 34.3 30.6 45.8

164 33.3 26.5 39.7



#48

2-Nitroaniline

Concen: 45.965 ng

RT: 13.770 min Scan# 1767

Delta R.T. 0.006 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

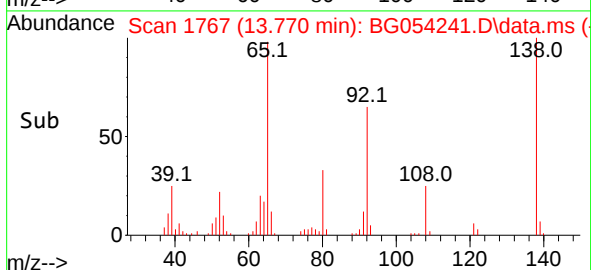
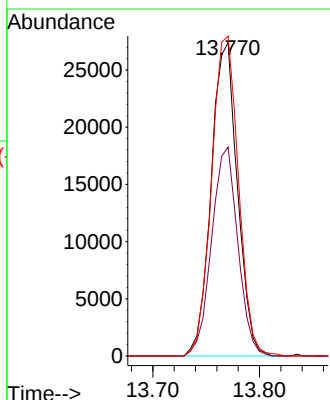
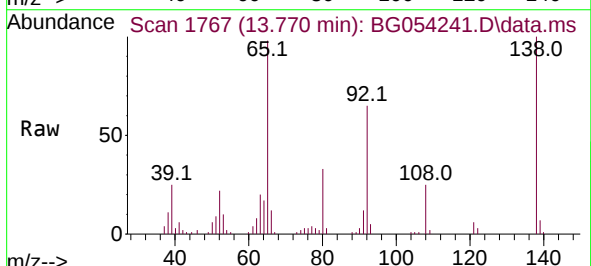
Tgt Ion: 65 Resp: 46795

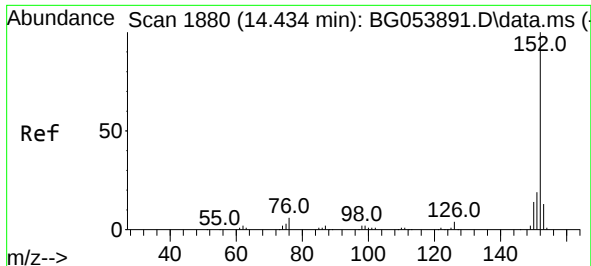
Ion Ratio Lower Upper

65 100

92 66.6 51.5 77.3

138 102.1 71.3 106.9

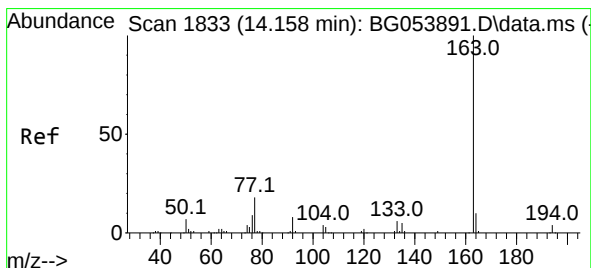
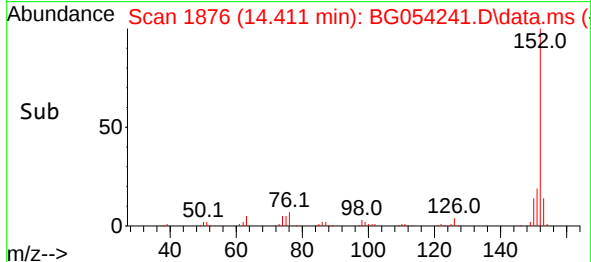
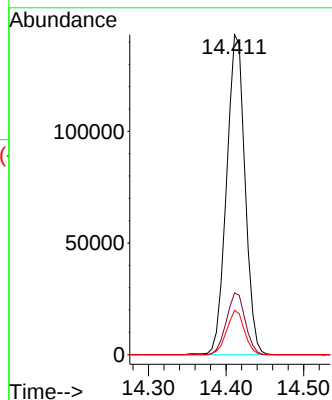
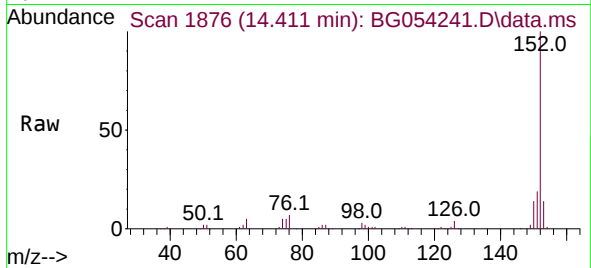




#49
Acenaphthylene
Concen: 39.825 ng
RT: 14.411 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

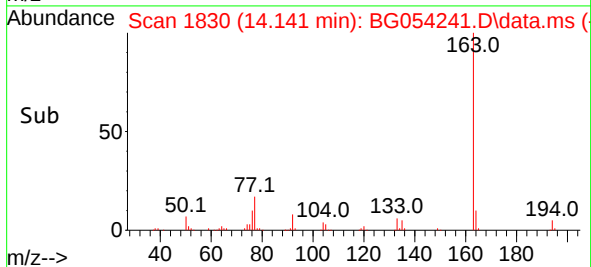
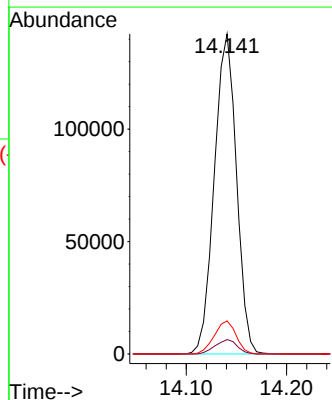
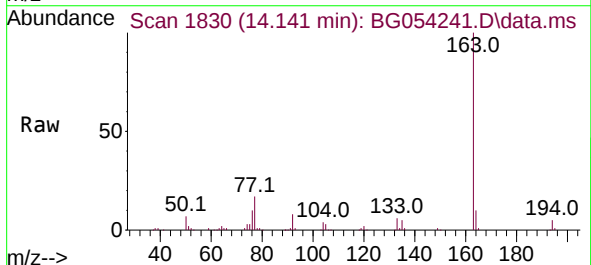
Instrument :
BNA_G
ClientSampleId :
PB146064BS

Tgt Ion:152 Resp: 237003
Ion Ratio Lower Upper
152 100
151 19.3 16.4 24.6
153 13.9 10.8 16.2



#50
Dimethylphthalate
Concen: 42.189 ng
RT: 14.141 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:163 Resp: 218140
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 10.3 8.0 12.0

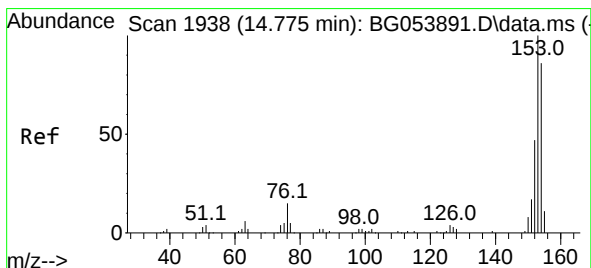
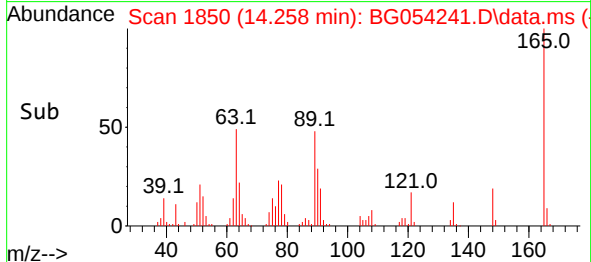
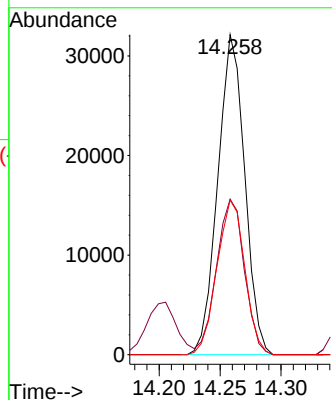
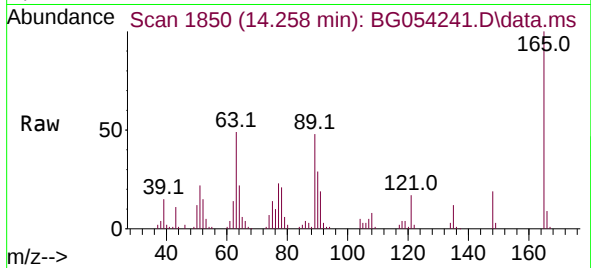




#51
2,6-Dinitrotoluene
Concen: 47.229 ng
RT: 14.258 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

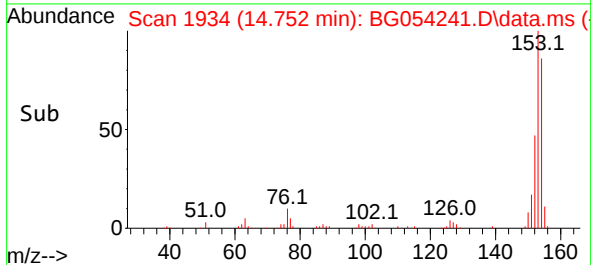
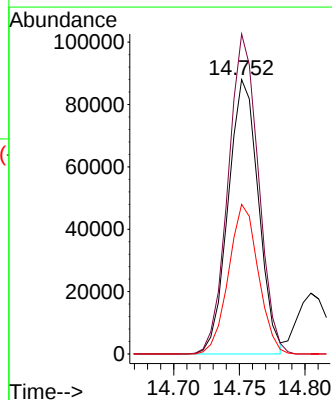
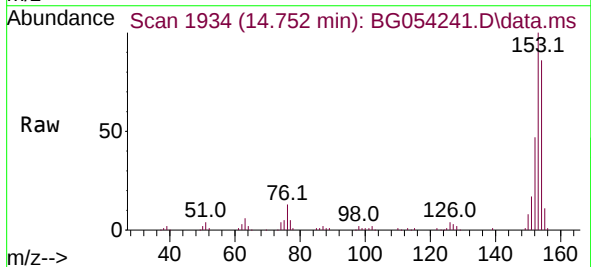
Instrument :
BNA_G
ClientSampleId :
PB146064BS

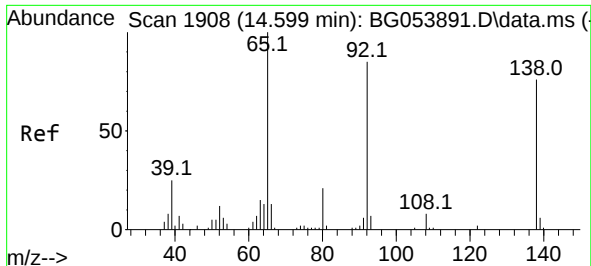
Tgt Ion:165 Resp: 49338
Ion Ratio Lower Upper
165 100
63 48.6 54.1 81.1#
89 48.3 54.8 82.2#



#52
Acenaphthene
Concen: 37.228 ng
RT: 14.752 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:154 Resp: 141224
Ion Ratio Lower Upper
154 100
153 116.6 92.7 139.1
152 54.5 42.6 64.0

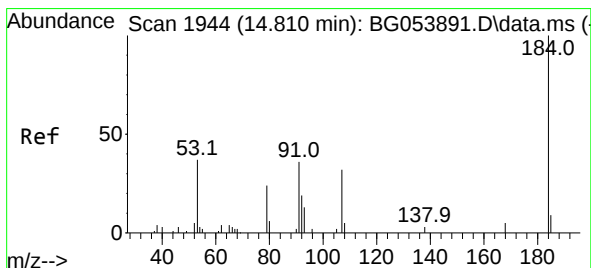
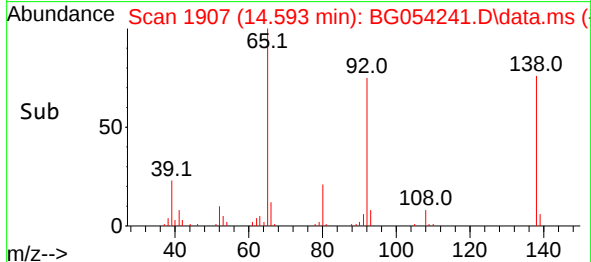
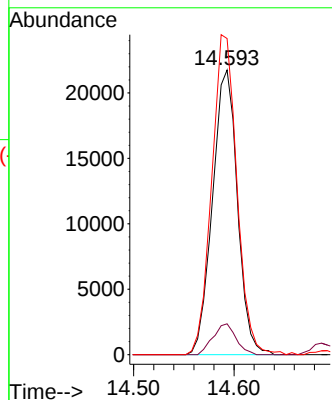
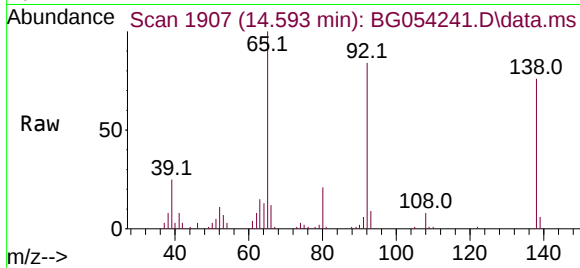




#53
3-Nitroaniline
Concen: 37.064 ng
RT: 14.593 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

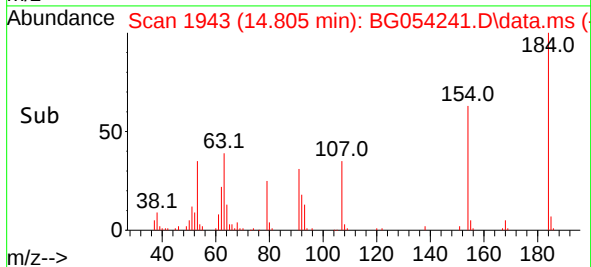
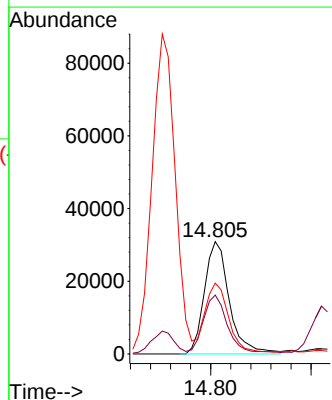
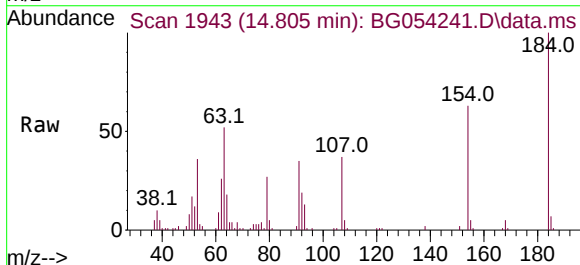
Instrument :
BNA_G
ClientSampleId :
PB146064BS

Tgt Ion:138 Resp: 37512
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 111.1 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 91.599 ng
RT: 14.805 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:184 Resp: 53446
Ion Ratio Lower Upper
184 100
63 52.4 61.1 91.7#
154 63.1 60.6 91.0

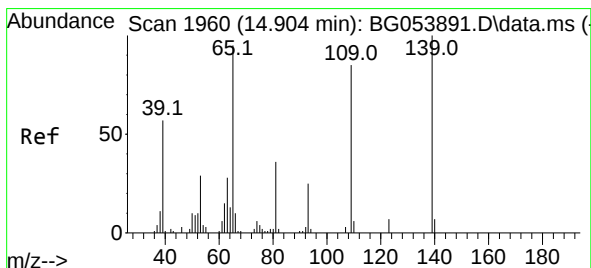
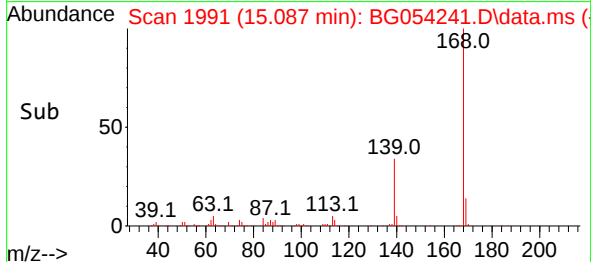
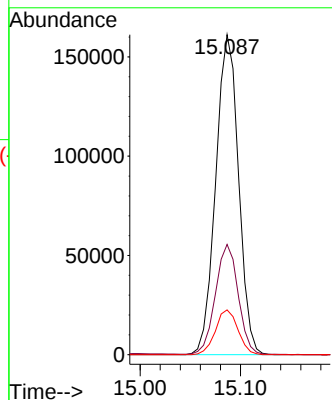
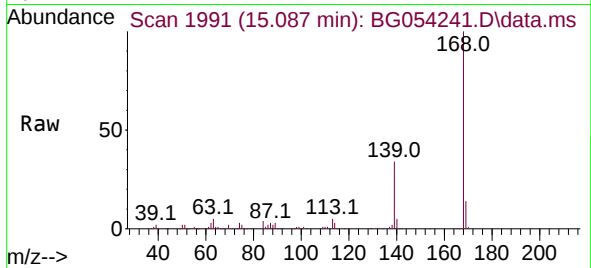




#55
Dibenzenofuran
Concen: 41.513 ng
RT: 15.087 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

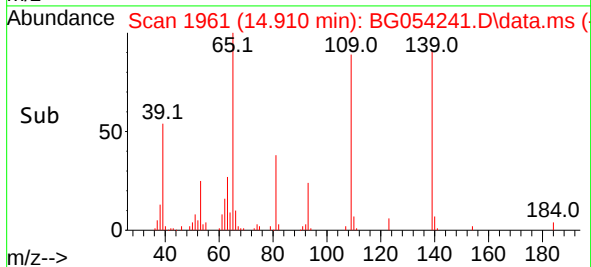
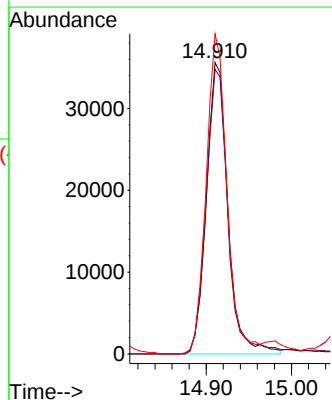
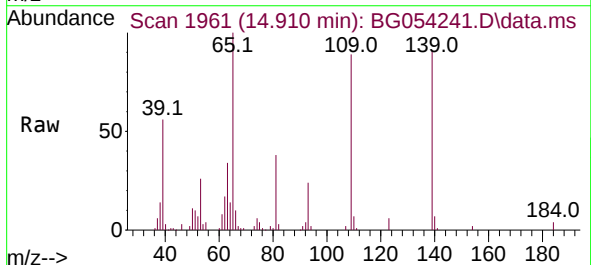
Instrument :
BNA_G
ClientSampleId :
PB146064BS

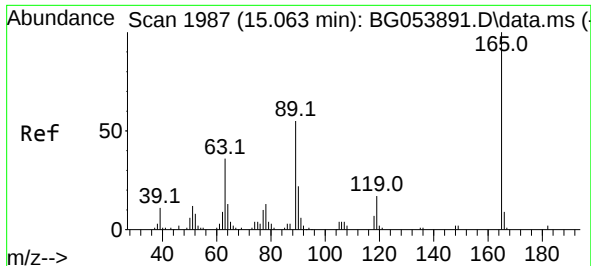
Tgt Ion:168 Resp: 253721
Ion Ratio Lower Upper
168 100
139 34.4 30.5 45.7
169 14.0 10.3 15.5



#56
4-Nitrophenol
Concen: 86.772 ng
RT: 14.910 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:139 Resp: 62349
Ion Ratio Lower Upper
139 100
109 97.7 88.5 128.5
65 109.8 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 50.262 ng

RT: 15.051 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

Instrument :

BNA_G

ClientSampleId :

PB146064BS

Tgt Ion:165 Resp: 74154

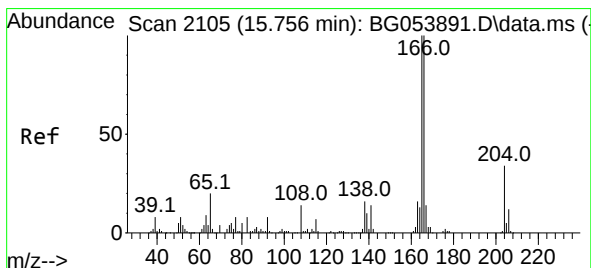
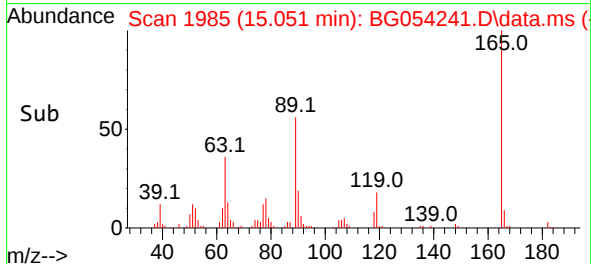
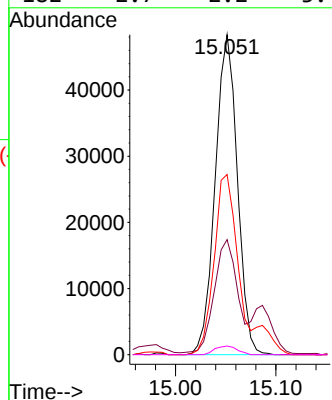
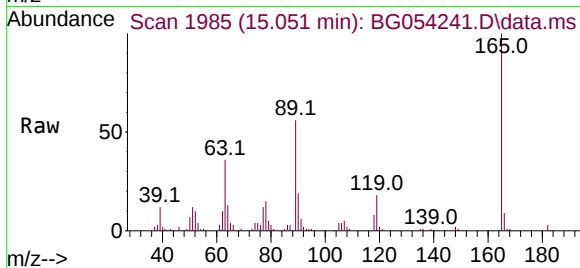
Ion Ratio Lower Upper

165 100

63 36.0 34.6 52.0

89 56.3 60.3 90.5#

182 2.7 2.2 3.4



#58

Fluorene

Concen: 42.174 ng

RT: 15.733 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

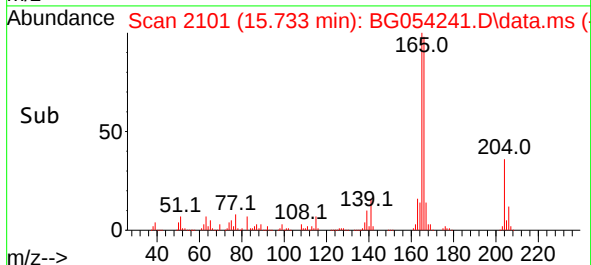
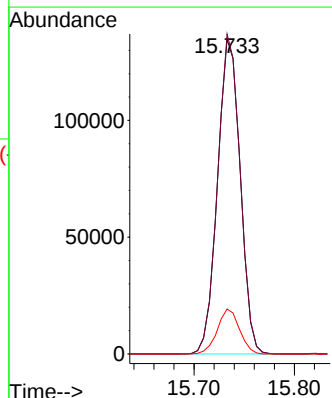
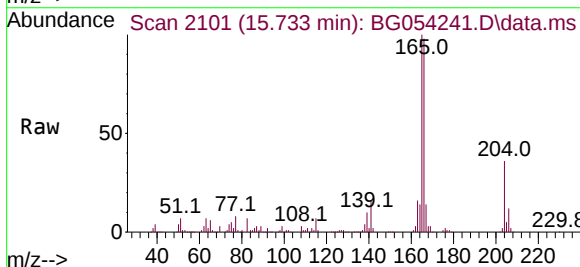
Tgt Ion:166 Resp: 211639

Ion Ratio Lower Upper

166 100

165 101.7 75.0 112.6

167 14.3 10.8 16.2

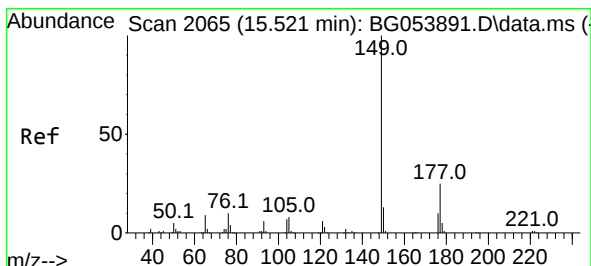
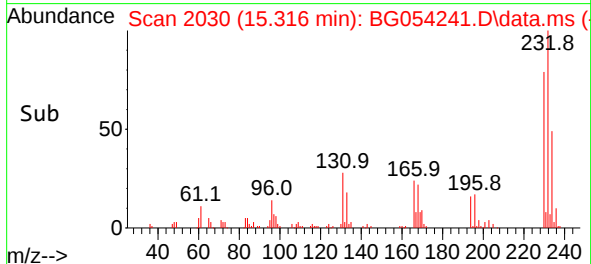
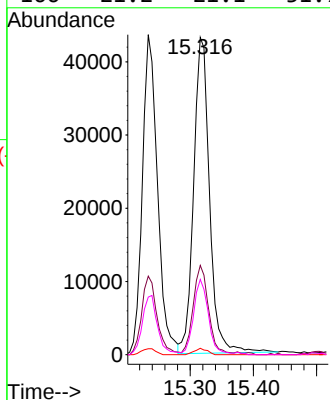
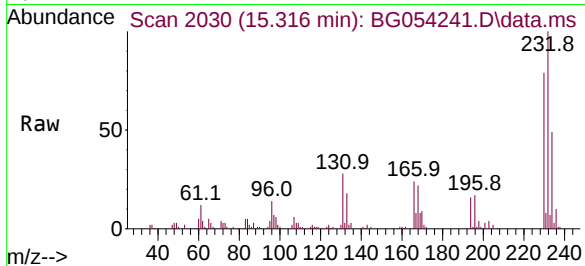




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.931 ng
RT: 15.316 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

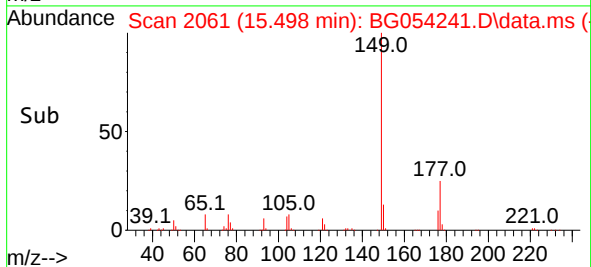
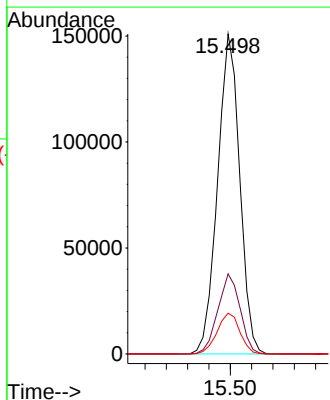
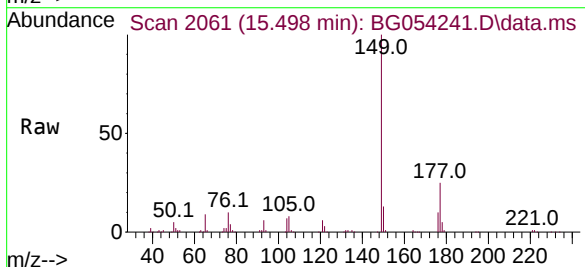
Instrument :
BNA_G
ClientSampleId :
PB146064BS

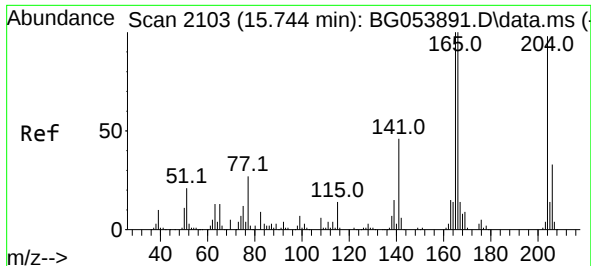
Tgt Ion:232 Resp: 75303
Ion Ratio Lower Upper
232 100
131 26.1 30.6 46.0#
130 1.6 1.8 2.8#
166 21.2 21.1 31.7



#60
Diethylphthalate
Concen: 43.390 ng
RT: 15.498 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:149 Resp: 217262
Ion Ratio Lower Upper
149 100
177 25.1 18.4 27.6
150 12.8 11.2 16.8

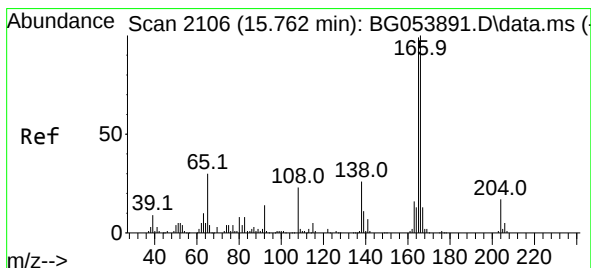
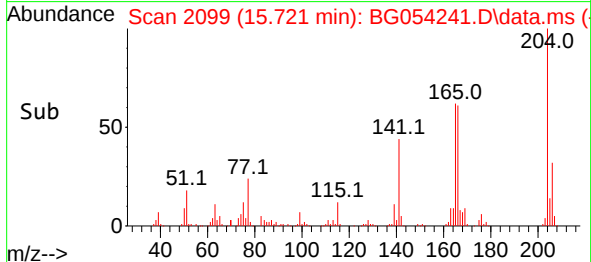
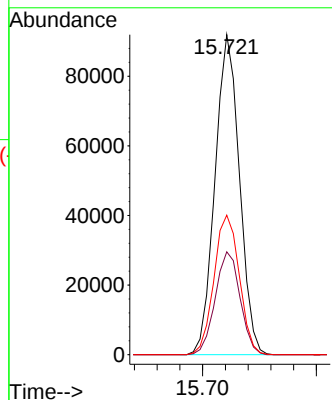
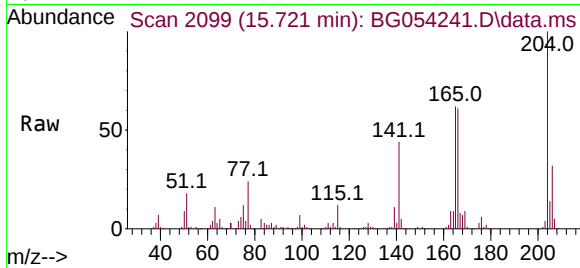




#61
4-Chlorophenyl-phenylether
Concen: 45.695 ng
RT: 15.721 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

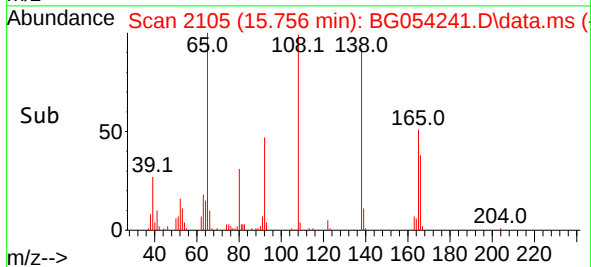
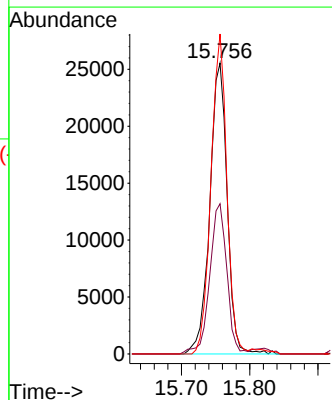
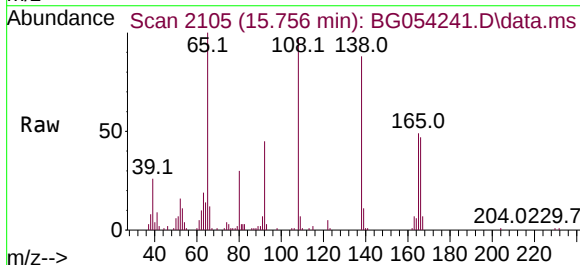
Instrument :
BNA_G
ClientSampleId :
PB146064BS

Tgt Ion:204 Resp: 137281
Ion Ratio Lower Upper
204 100
206 32.2 27.5 41.3
141 43.6 45.3 67.9#



#62
4-Nitroaniline
Concen: 42.872 ng
RT: 15.756 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:138 Resp: 45249
Ion Ratio Lower Upper
138 100
92 51.6 40.5 80.5
108 110.0 103.7 143.7

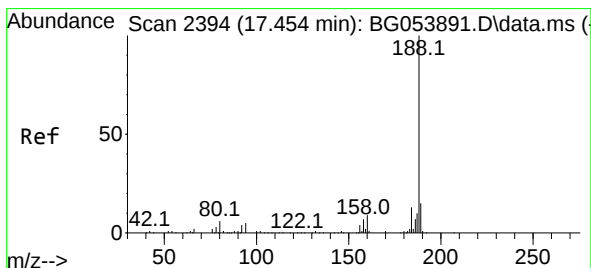
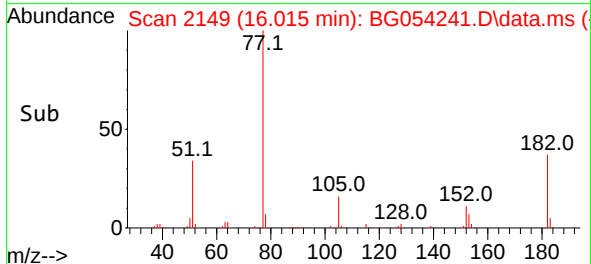
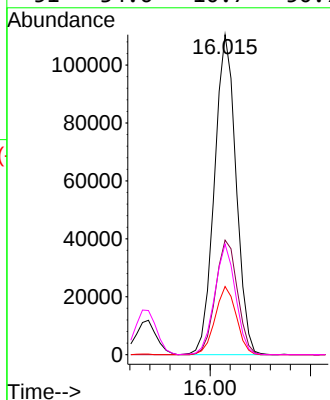
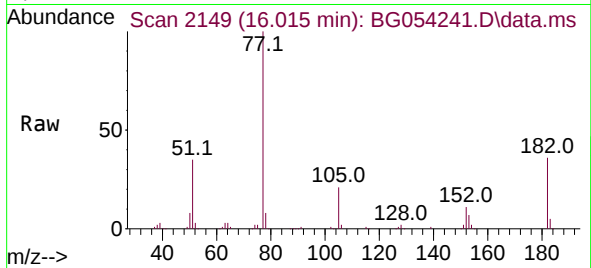




#63
Azobenzene
Concen: 40.910 ng
RT: 16.015 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

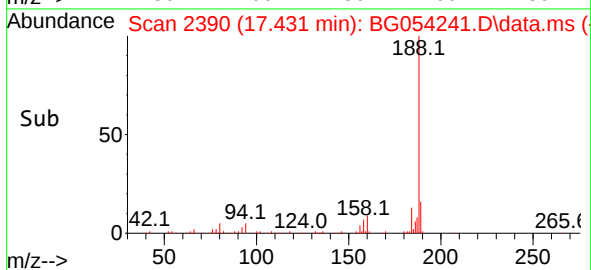
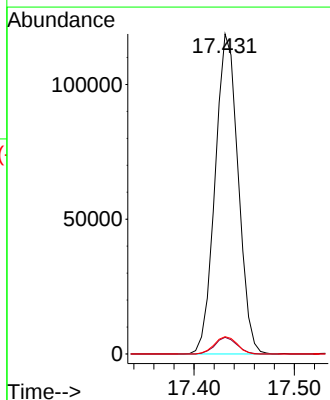
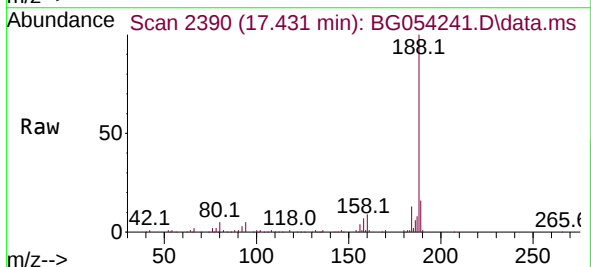
Instrument :
BNA_G
ClientSampleId :
PB146064BS

Tgt Ion: 77 Resp: 164890
Ion Ratio Lower Upper
77 100
182 35.8 3.8 43.8
105 21.3 0.0 37.8
51 34.6 10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.431 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:188 Resp: 189034
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 5.4 6.8 10.2#

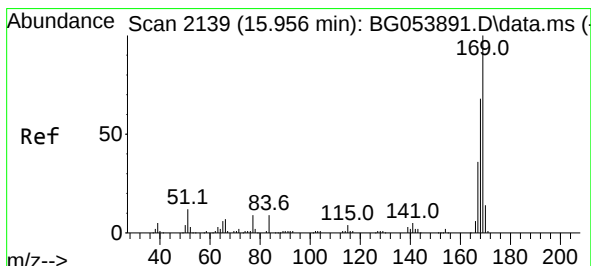
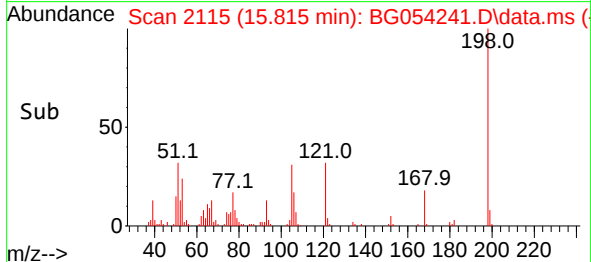
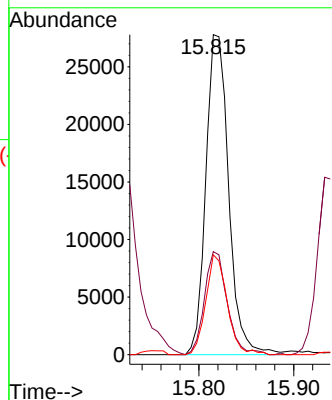
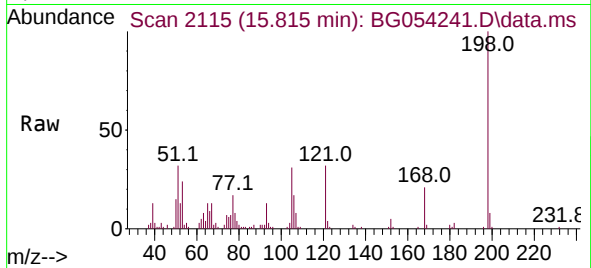




#65
4,6-Dinitro-2-methylphenol
Concen: 49.304 ng
RT: 15.815 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

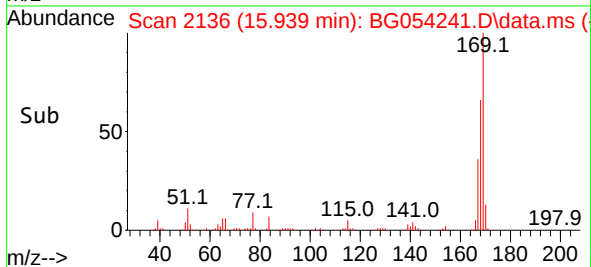
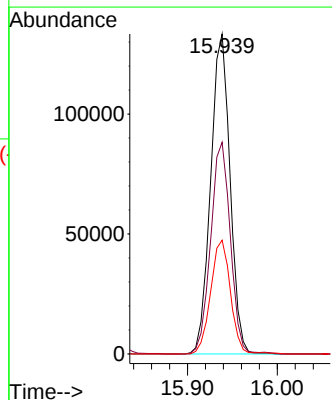
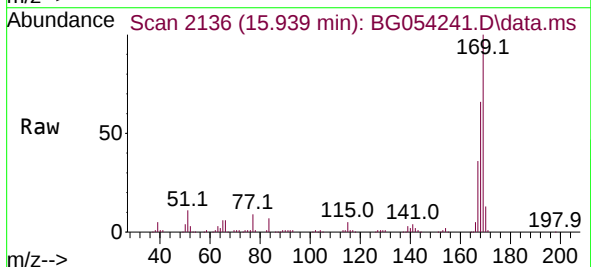
Instrument :
BNA_G
ClientSampleId :
PB146064BS

Tgt Ion:198 Resp: 46498
Ion Ratio Lower Upper
198 100
51 32.2 28.1 68.1
105 31.2 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 40.526 ng
RT: 15.939 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:169 Resp: 199653
Ion Ratio Lower Upper
169 100
168 66.2 55.9 83.9
167 35.6 30.6 46.0

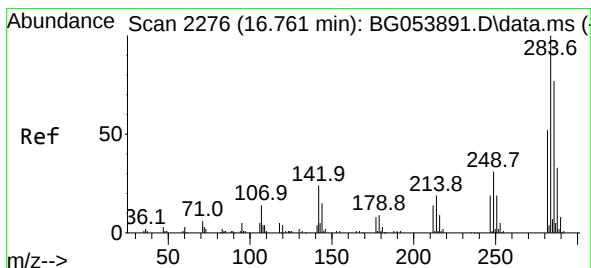
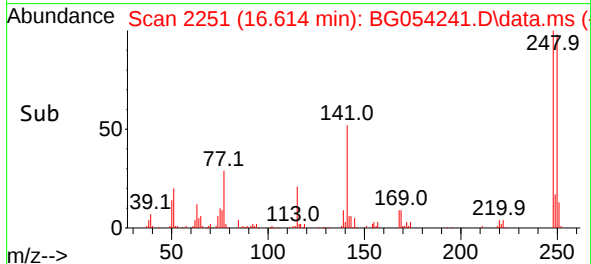
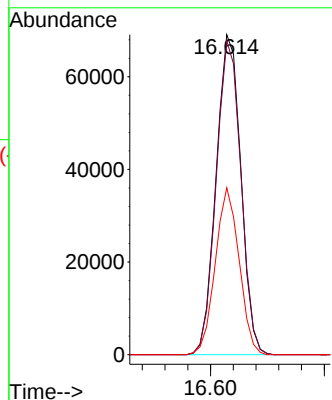
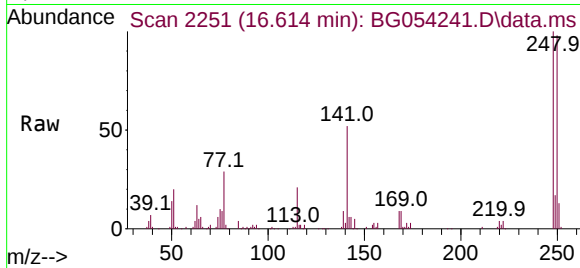




#67
4-Bromophenyl-phenylether
Concen: 44.189 ng
RT: 16.614 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

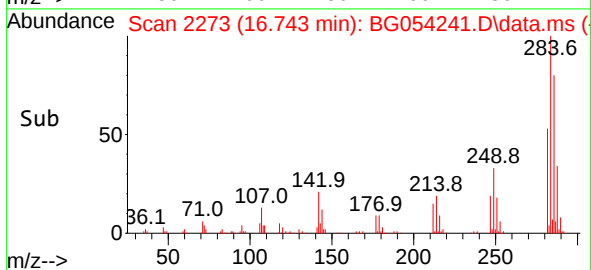
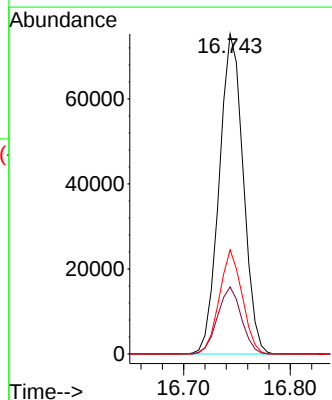
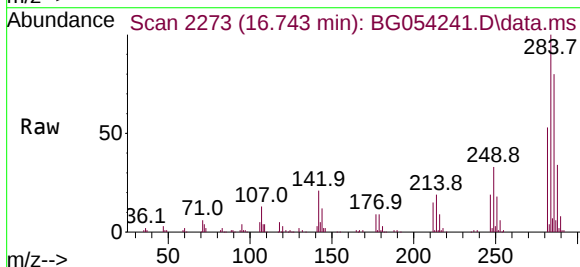
Instrument :
BNA_G
ClientSampleId :
PB146064BS

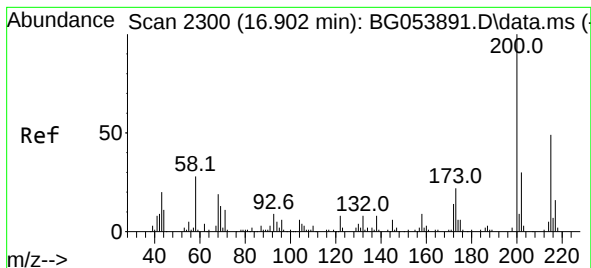
Tgt Ion:248 Resp: 104329
Ion Ratio Lower Upper
248 100
250 98.1 75.2 112.8
141 52.2 50.0 75.0



#68
Hexachlorobenzene
Concen: 43.542 ng
RT: 16.743 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:284 Resp: 117591
Ion Ratio Lower Upper
284 100
142 21.0 23.6 35.4#
249 32.6 25.8 38.6





#69

Atrazine

Concen: 48.352 ng

RT: 16.884 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

Instrument :

BNA_G

ClientSampleId :

PB146064BS

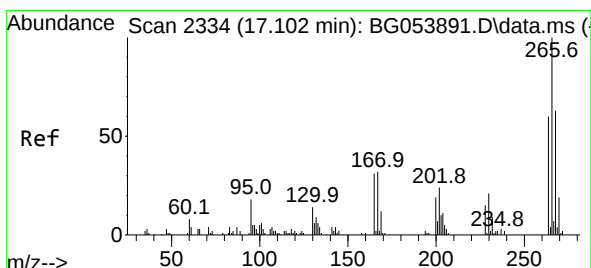
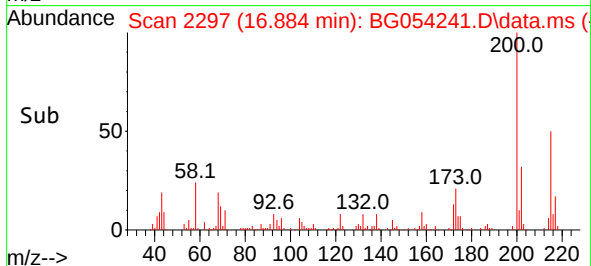
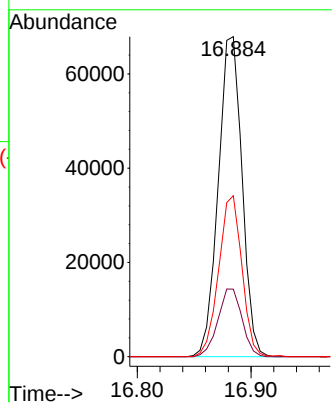
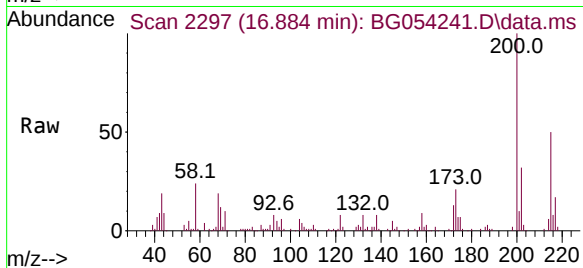
Tgt Ion:200 Resp: 98680

Ion Ratio Lower Upper

200 100

173 21.1 3.7 43.7

215 50.3 25.2 65.2



#70

Pentachlorophenol

Concen: 82.063 ng

RT: 17.090 min Scan# 2332

Delta R.T. 0.000 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

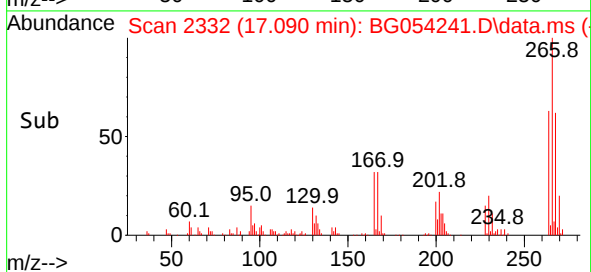
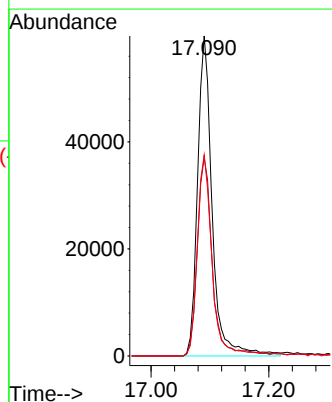
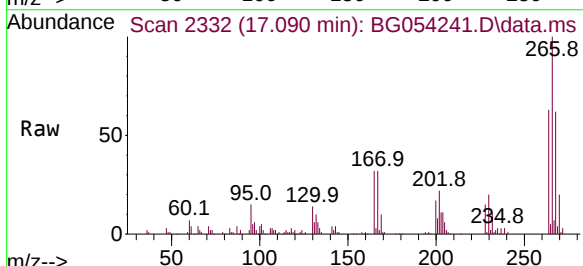
Tgt Ion:266 Resp: 102948

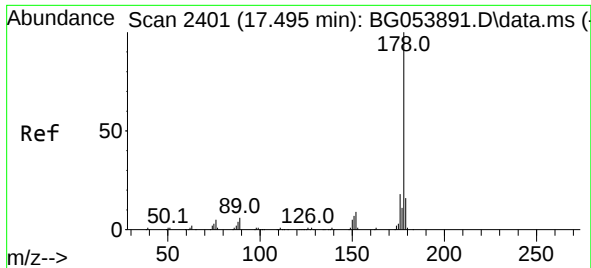
Ion Ratio Lower Upper

266 100

268 62.0 56.2 84.2

264 62.9 53.0 79.4

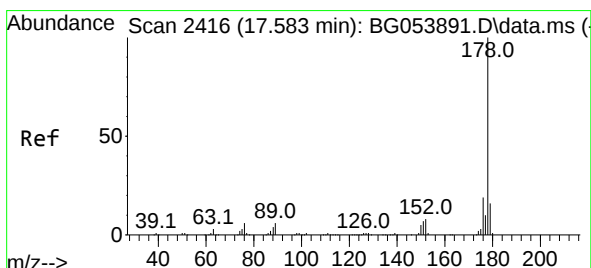
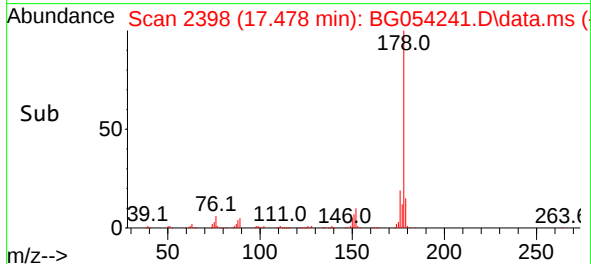
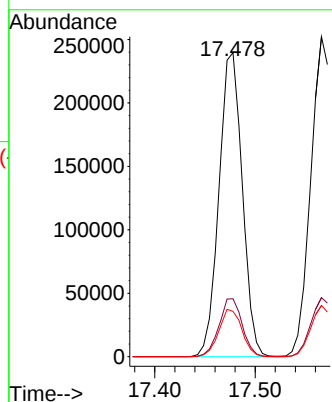
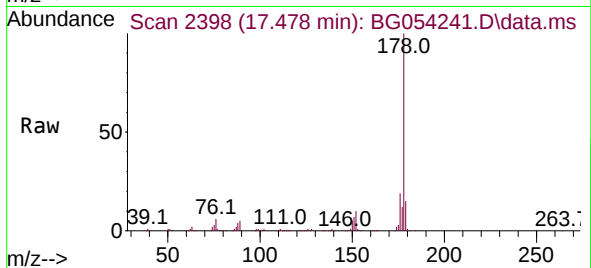




#71
Phenanthrene
Concen: 39.717 ng
RT: 17.478 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

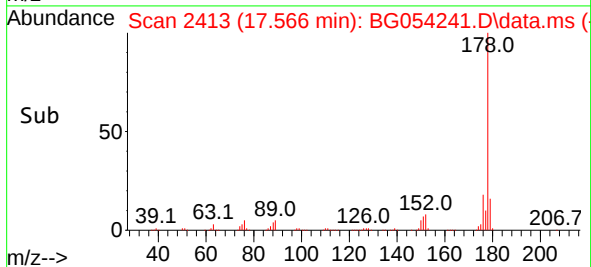
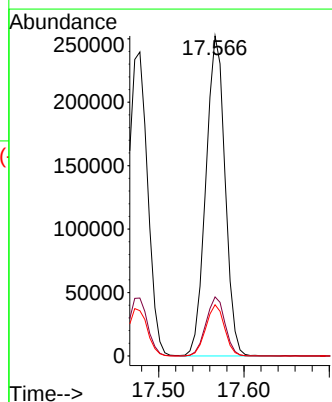
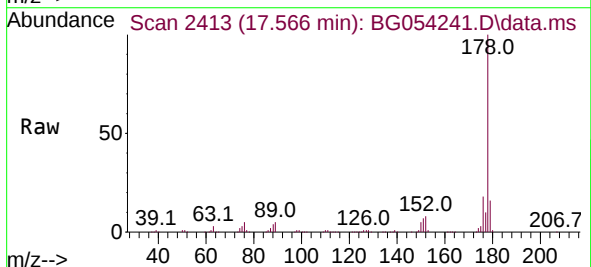
Instrument :
BNA_G
ClientSampleId :
PB146064BS

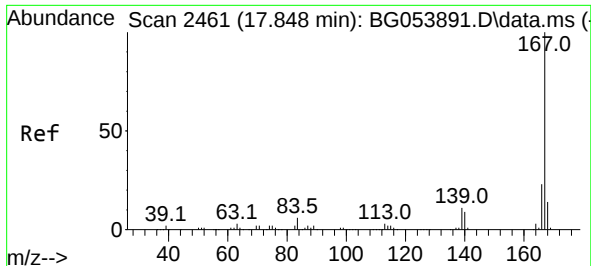
Tgt Ion:178 Resp: 385736
Ion Ratio Lower Upper
178 100
176 19.0 14.1 21.1
179 14.9 12.1 18.1



#72
Anthracene
Concen: 41.524 ng
RT: 17.566 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:178 Resp: 393817
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 16.0 13.0 19.4

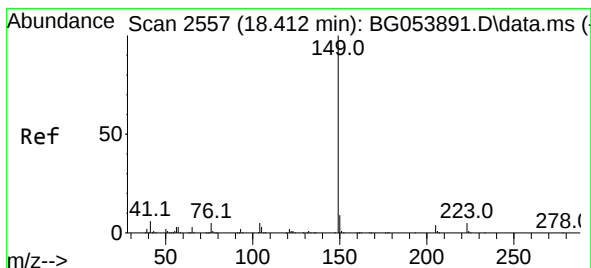
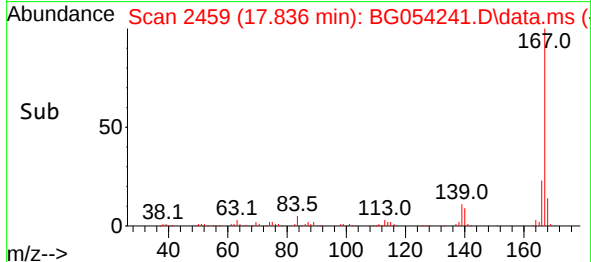
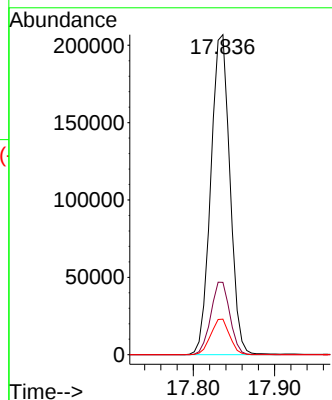
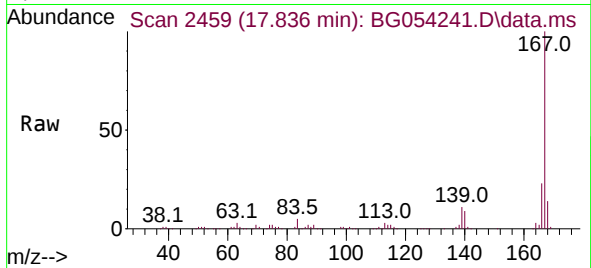




#73
Carbazole
Concen: 41.486 ng
RT: 17.836 min Scan# 2461
Delta R.T. 0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

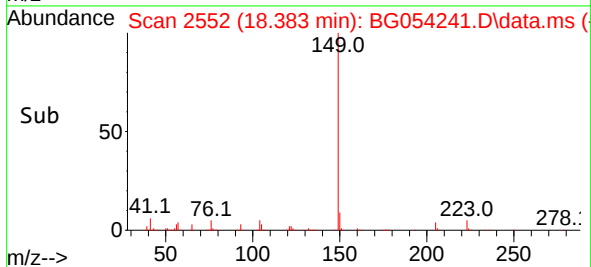
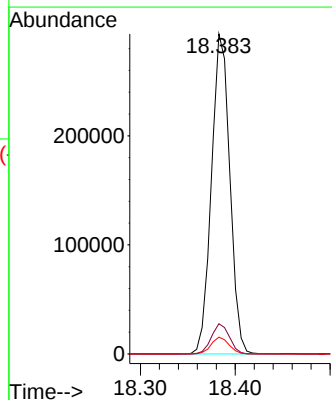
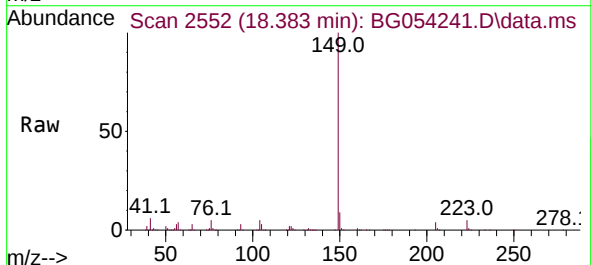
Instrument :
BNA_G
ClientSampleId :
PB146064BS

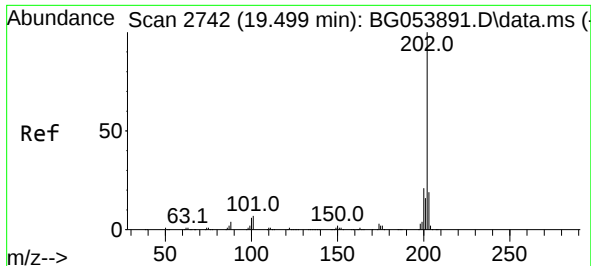
Tgt Ion:167 Resp: 337714
Ion Ratio Lower Upper
167 100
166 22.6 18.2 27.2
139 11.1 10.1 15.1



#74
Di-n-butylphthalate
Concen: 41.907 ng
RT: 18.383 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:149 Resp: 394437
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 5.3 5.4 8.0#

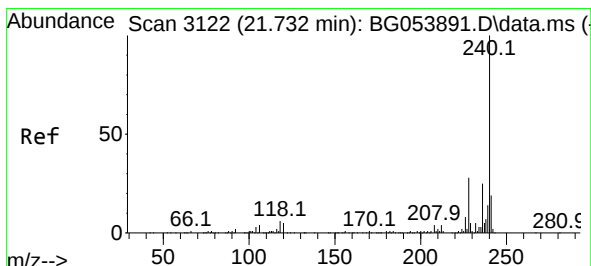
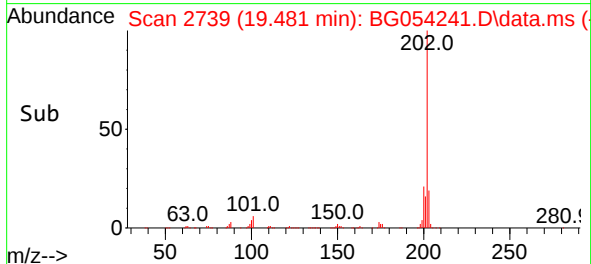
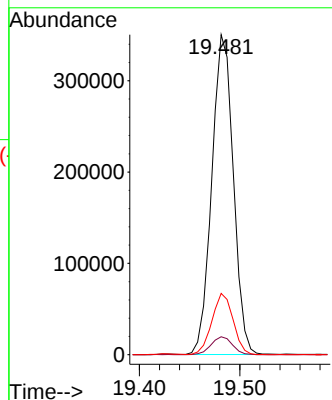
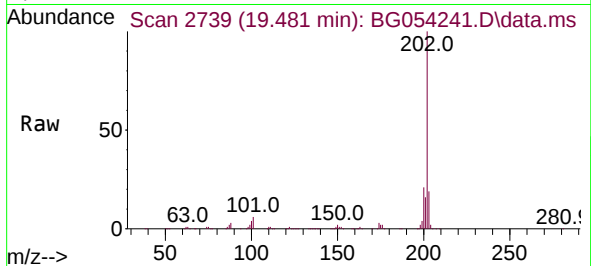




#75
Fluoranthene
Concen: 40.953 ng
RT: 19.481 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

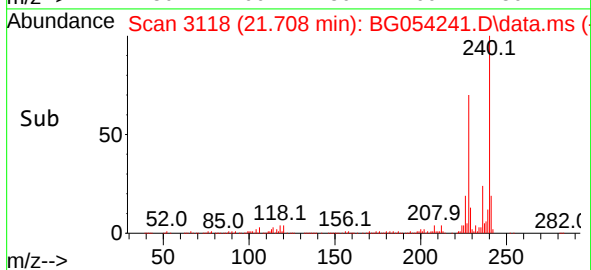
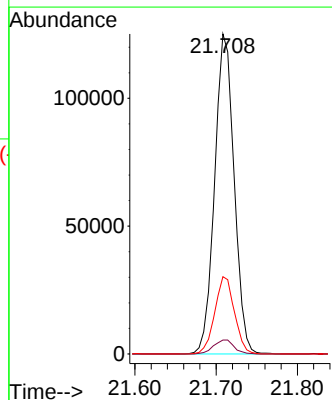
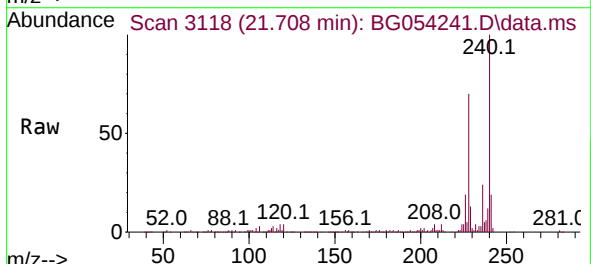
Instrument :
BNA_G
ClientSampleId :
PB146064BS

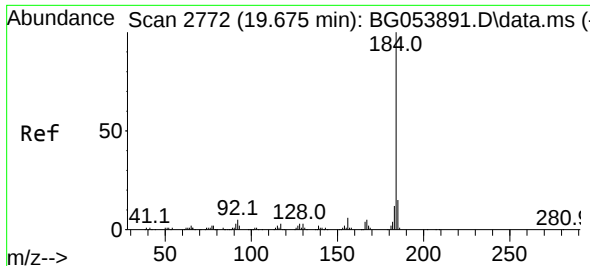
Tgt Ion:202 Resp: 522119
Ion Ratio Lower Upper
202 100
101 5.6 0.0 26.9
203 19.2 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.708 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:240 Resp: 208702
Ion Ratio Lower Upper
240 100
120 4.3 4.6 7.0#
236 24.2 20.2 30.4

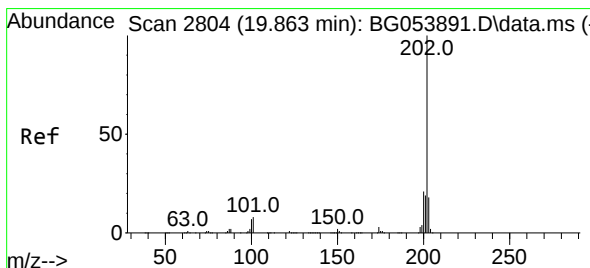
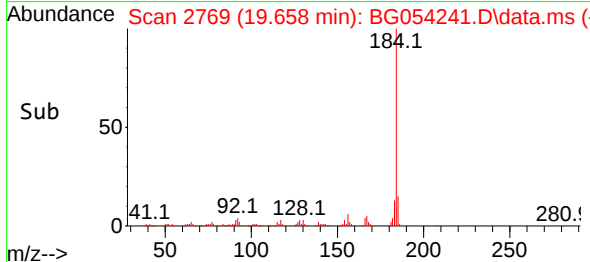
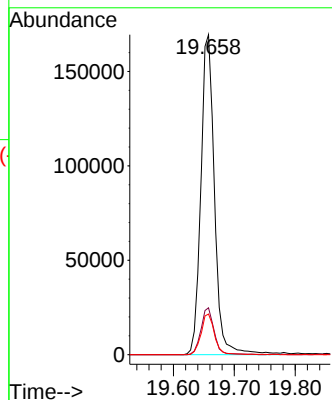
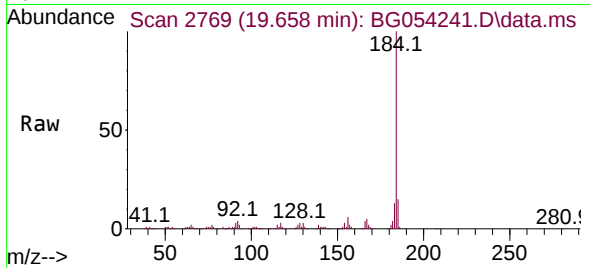




#77
Benzidine
Concen: 61.059 ng
RT: 19.658 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

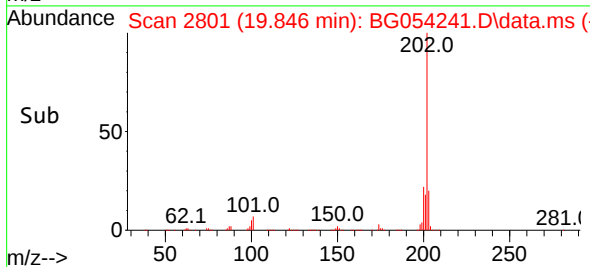
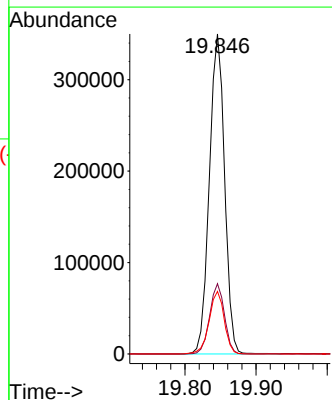
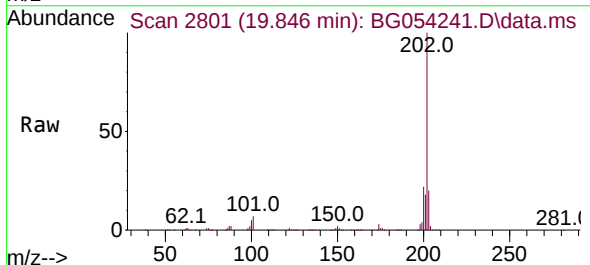
Instrument :
BNA_G
ClientSampleId :
PB146064BS

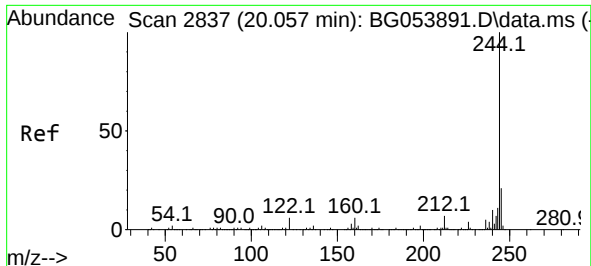
Tgt Ion:184 Resp: 263895
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 12.7 8.9 13.3



#78
Pyrene
Concen: 41.347 ng
RT: 19.846 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:202 Resp: 521180
Ion Ratio Lower Upper
202 100
200 21.9 16.6 24.8
203 19.6 14.6 21.8

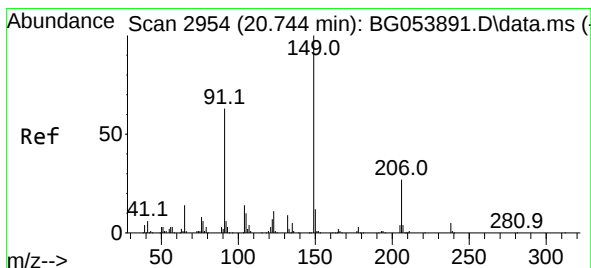
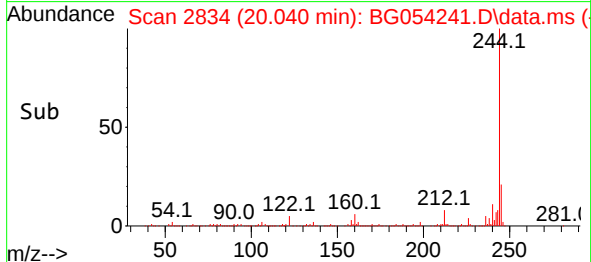
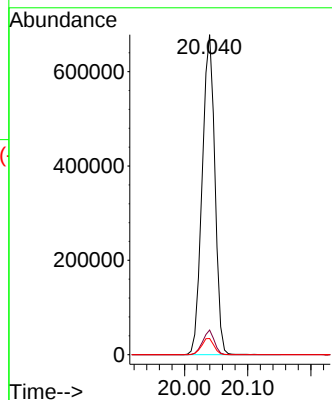
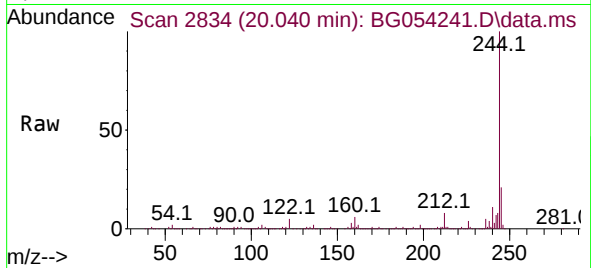




#79
 Terphenyl-d14
 Concen: 91.253 ng
 RT: 20.040 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054241.D
 Acq: 8 Jul 2022 11:04

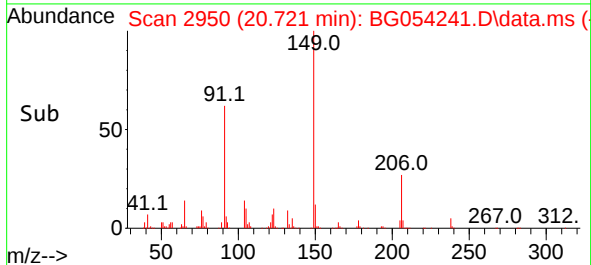
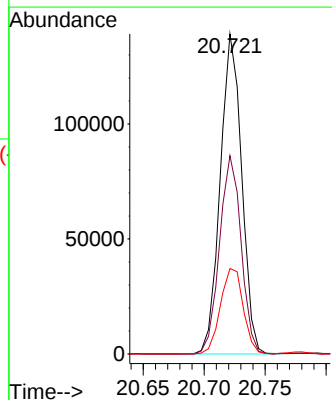
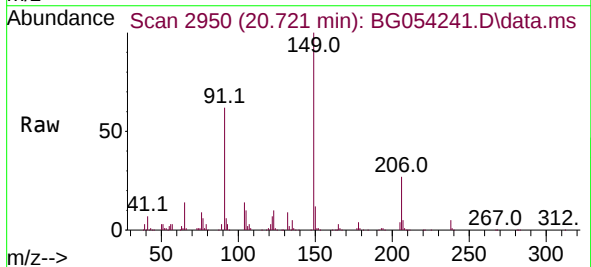
Instrument :
 BNA_G
 ClientSampleId :
 PB146064BS

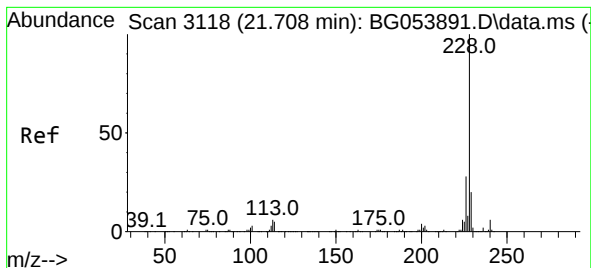
Tgt Ion:244 Resp: 945578
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 5.1 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 42.177 ng
 RT: 20.721 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: BG054241.D
 Acq: 8 Jul 2022 11:04

Tgt Ion:149 Resp: 170407
 Ion Ratio Lower Upper
 149 100
 91 62.0 59.6 89.4
 206 26.7 18.6 28.0





#81

Benzo(a)anthracene

Concen: 41.561 ng

RT: 21.691 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

Instrument :

BNA_G

ClientSampleId :

PB146064BS

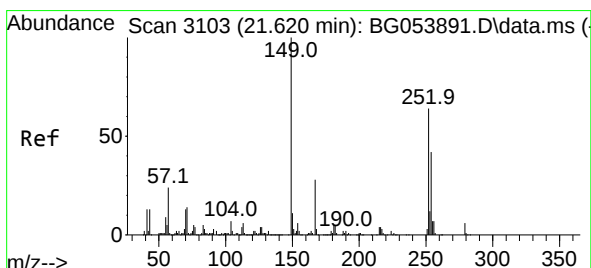
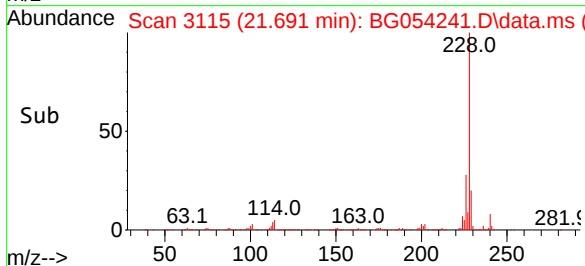
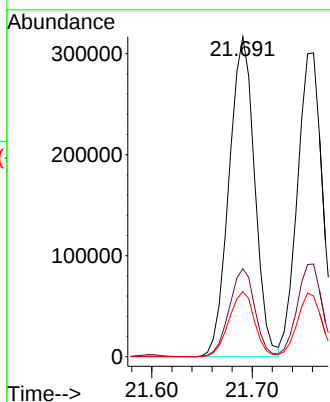
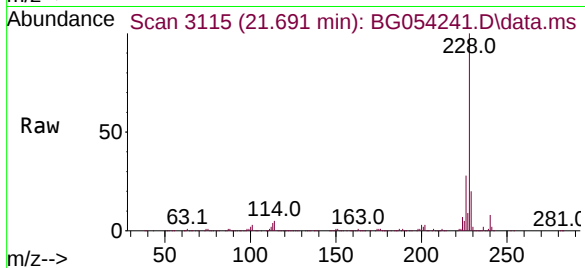
Tgt Ion:228 Resp: 561612

Ion Ratio Lower Upper

228 100

226 27.5 21.6 32.4

229 20.4 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 44.280 ng

RT: 21.597 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

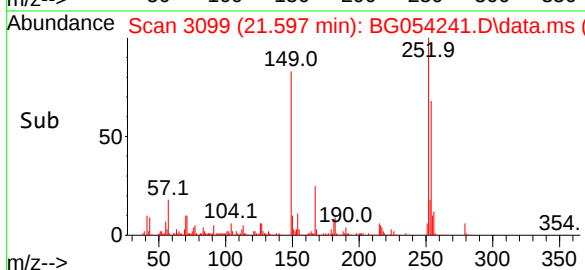
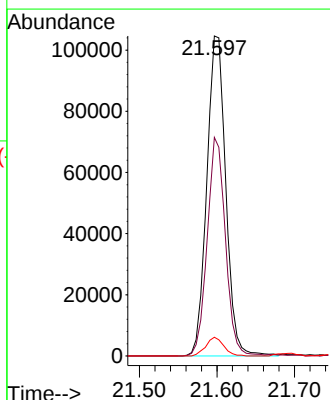
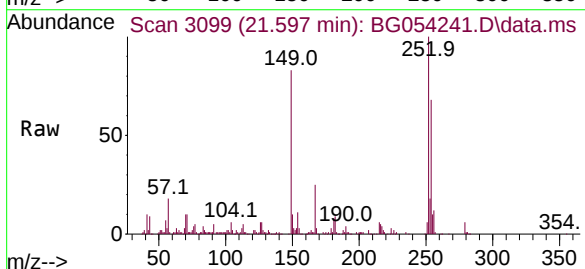
Tgt Ion:252 Resp: 178771

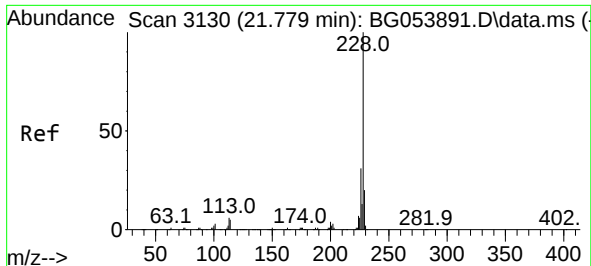
Ion Ratio Lower Upper

252 100

254 68.3 49.8 74.8

126 5.9 6.0 9.0#

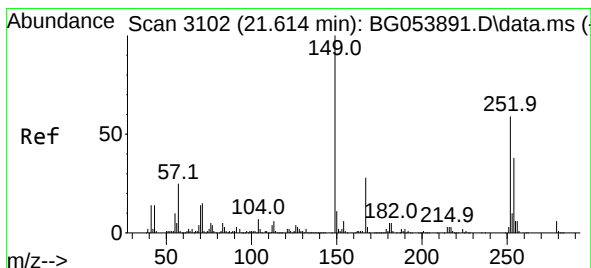
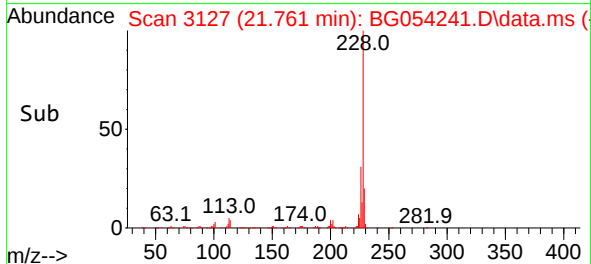
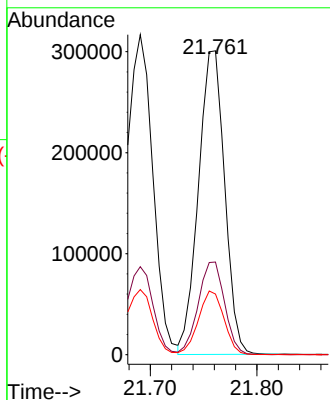
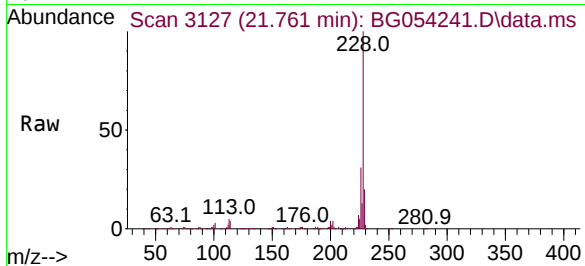




#83
Chrysene
Concen: 39.982 ng
RT: 21.761 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

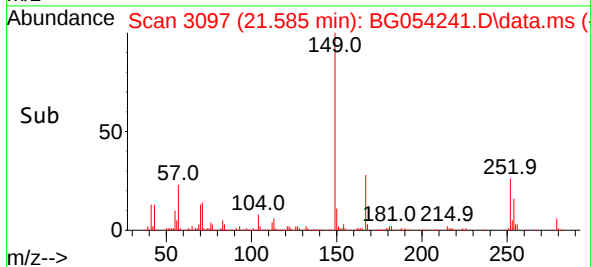
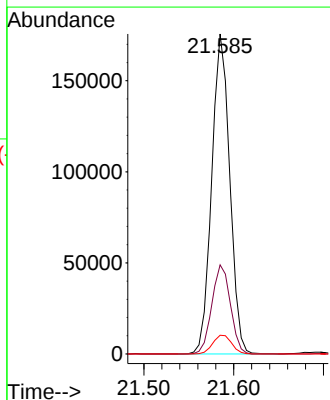
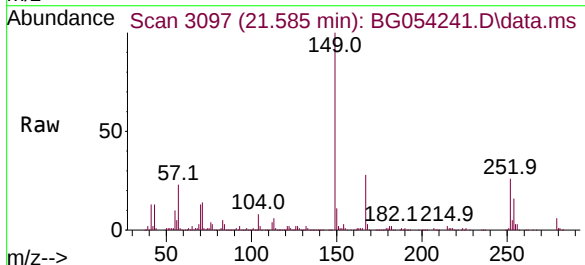
Instrument :
BNA_G
ClientSampleId :
PB146064BS

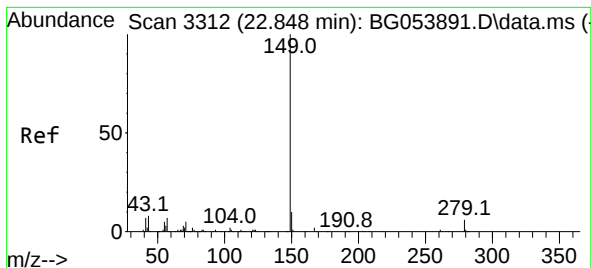
Tgt Ion:228 Resp: 514999
Ion Ratio Lower Upper
228 100
226 30.5 23.4 35.2
229 20.0 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.350 ng
RT: 21.585 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:149 Resp: 244720
Ion Ratio Lower Upper
149 100
167 27.8 20.2 30.4
279 5.9 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 41.807 ng

RT: 22.801 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

Instrument :

BNA_G

ClientSampleId :

PB146064BS

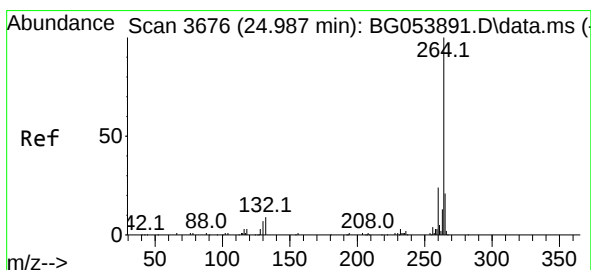
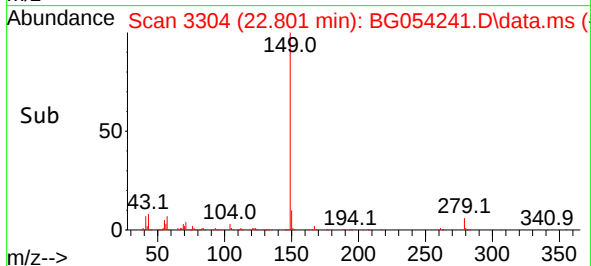
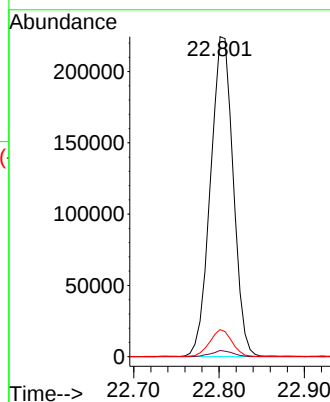
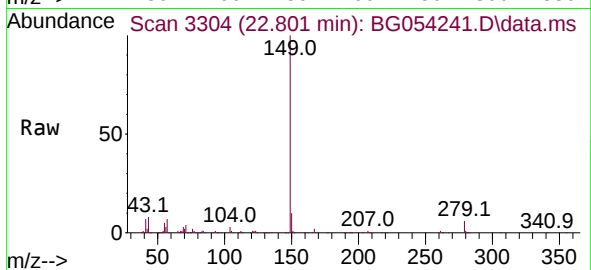
Tgt Ion:149 Resp: 415218

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 8.2 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.963 min Scan# 3672

Delta R.T. 0.006 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

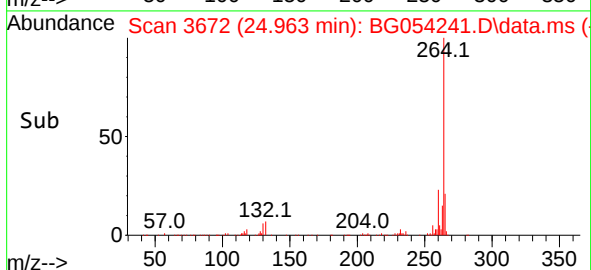
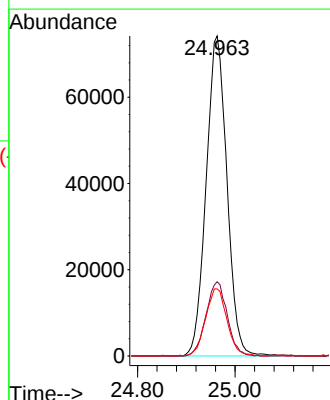
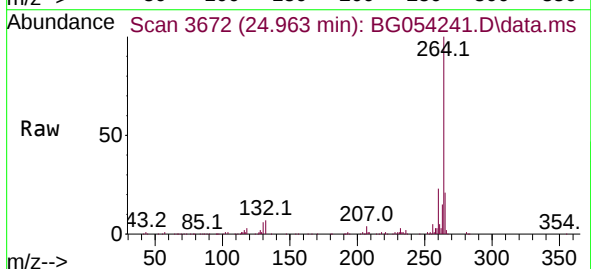
Tgt Ion:264 Resp: 219648

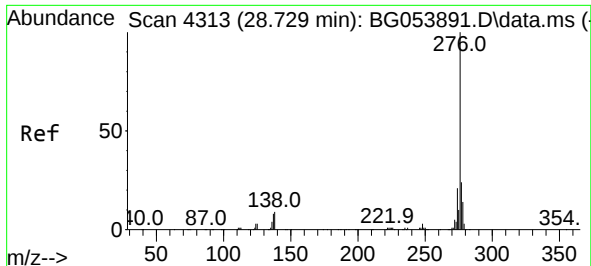
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.0 17.4 26.2

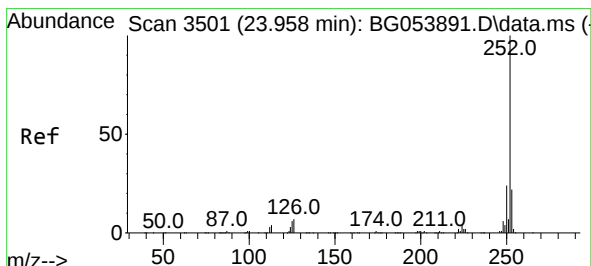
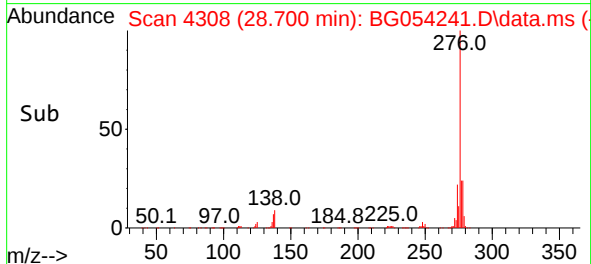
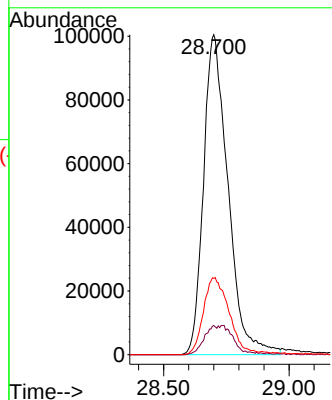
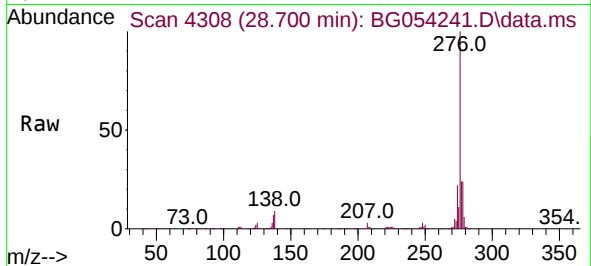




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.052 ng
 RT: 28.700 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BG054241.D
 Acq: 8 Jul 2022 11:04

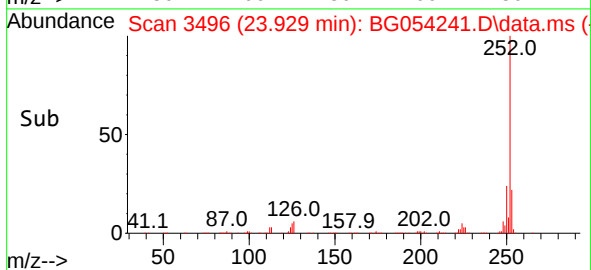
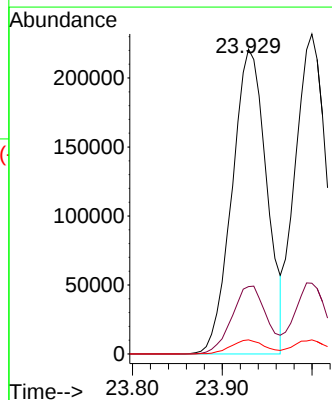
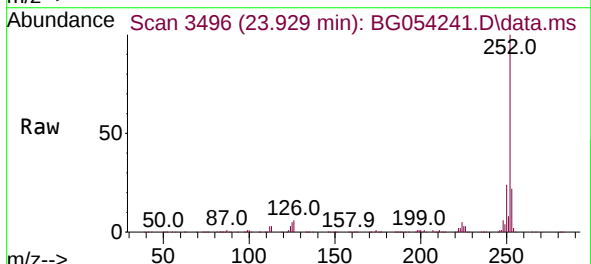
Instrument :
 BNA_G
 ClientSampleId :
 PB146064BS

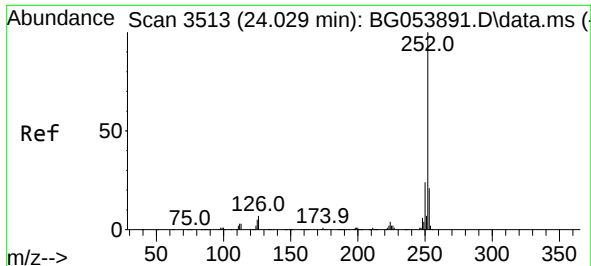
Tgt Ion:276 Resp: 680468
 Ion Ratio Lower Upper
 276 100
 138 4.7 5.0 7.4#
 277 25.2 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 44.329 ng
 RT: 23.929 min Scan# 3496
 Delta R.T. 0.000 min
 Lab File: BG054241.D
 Acq: 8 Jul 2022 11:04

Tgt Ion:252 Resp: 592014
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.0 27.0
 125 4.6 4.6 6.8

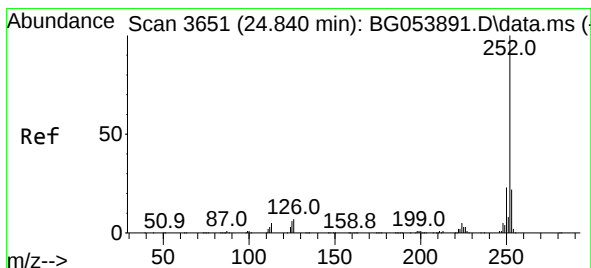
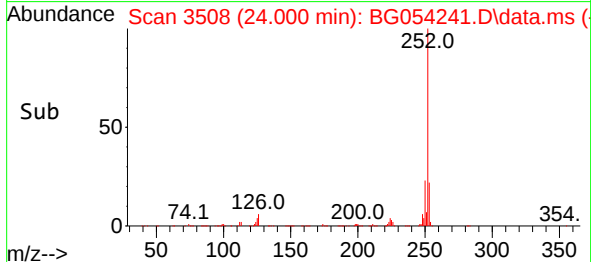
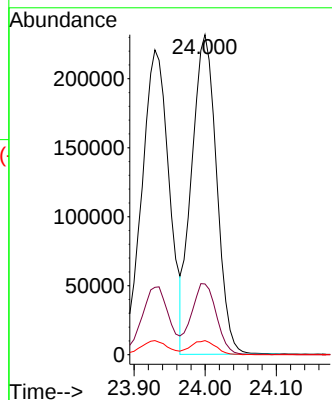
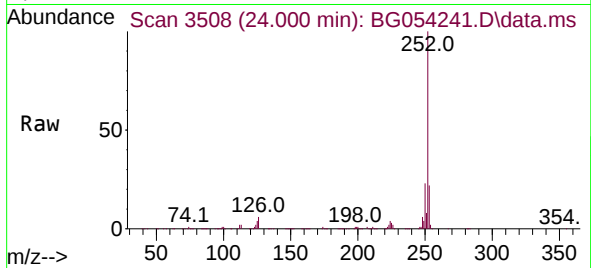




#89
Benzo(k)fluoranthene
Concen: 42.646 ng
RT: 24.000 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

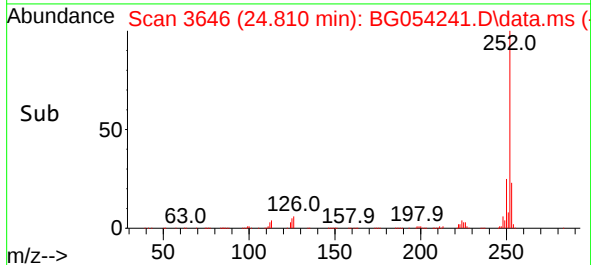
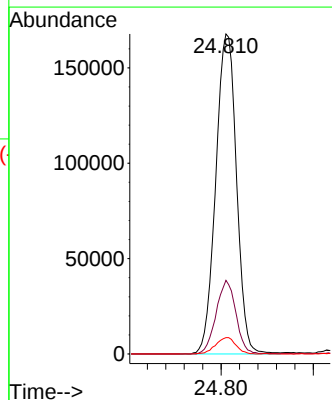
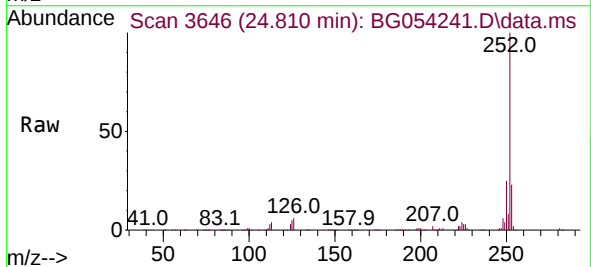
Instrument :
BNA_G
ClientSampleId :
PB146064BS

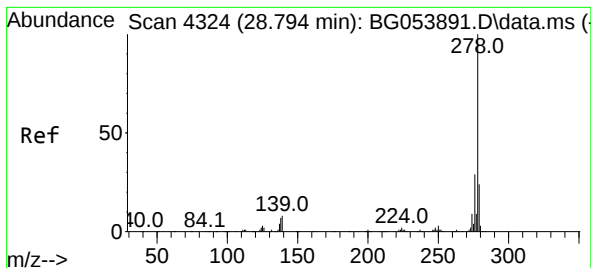
Tgt Ion:252 Resp: 563898
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 4.4 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 46.398 ng
RT: 24.810 min Scan# 3646
Delta R.T. 0.006 min
Lab File: BG054241.D
Acq: 8 Jul 2022 11:04

Tgt Ion:252 Resp: 522817
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 5.1 4.3 6.5





#91

Dibenzo(a,h)anthracene

Concen: 42.577 ng

RT: 28.759 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

Instrument :

BNA_G

ClientSampleId :

PB146064BS

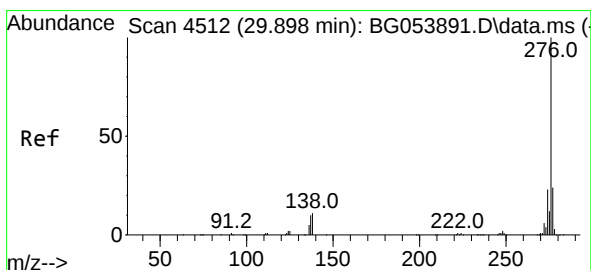
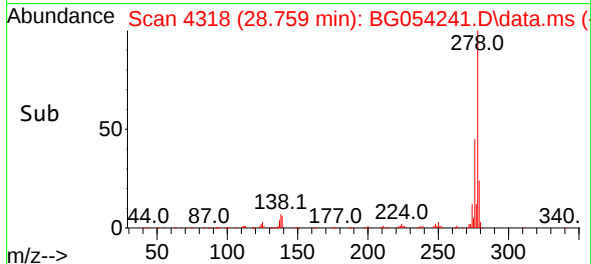
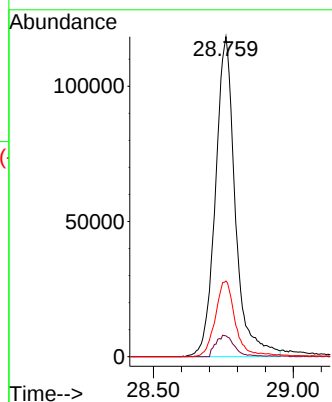
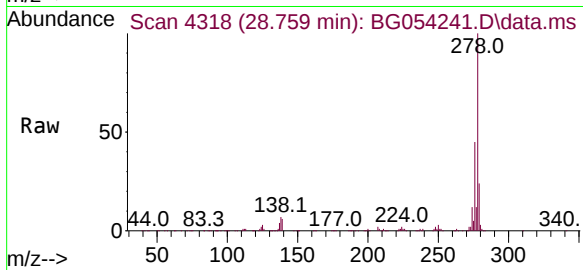
Tgt Ion:278 Resp: 583588

Ion Ratio Lower Upper

278 100

139 6.5 7.2 10.8#

279 23.7 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 42.108 ng

RT: 29.869 min Scan# 4507

Delta R.T. 0.012 min

Lab File: BG054241.D

Acq: 8 Jul 2022 11:04

Tgt Ion:276 Resp: 569590

Ion Ratio Lower Upper

276 100

277 24.5 17.3 25.9

138 8.9 9.6 14.4#

