

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054160.D
 Acq On : 30 Jun 2022 00:52
 Operator : CG/JU
 Sample : N3516-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-1MSD

Quant Time: Jun 30 05:34:11 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	8.071	152	19915	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	81128	20.000	ng	# 0.00
39) Acenaphthene-d10	14.698	164	63399	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	167245	20.000	ng	# 0.00
76) Chrysene-d12	21.719	240	177386	20.000	ng	0.00
86) Perylene-d12	24.974	264	185776	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	141698	136.035	ng	0.00
7) Phenol-d6	7.236	99	193162	136.699	ng	0.00
23) Nitrobenzene-d5	9.228	82	122907	85.136	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	145331	142.675	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	336754	77.239	ng	0.00
79) Terphenyl-d14	20.045	244	693583	78.751	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	16778	36.847	ng	90
3) Pyridine	3.917	79	46217	38.036	ng	94
4) n-Nitrosodimethylamine	3.828	42	27739	51.900	ng	93
6) Aniline	7.389	93	56737	33.866	ng	97
8) 2-Chlorophenol	7.636	128	61535	55.328	ng	92
9) Benzaldehyde	7.201	77	37854	45.391	ng	# 78
10) Phenol	7.260	94	76425	53.368	ng	98
11) bis(2-Chloroethyl)ether	7.483	93	52136	47.432	ng	95
12) 1,3-Dichlorobenzene	7.959	146	66068	47.407	ng	92
13) 1,4-Dichlorobenzene	8.100	146	67710	48.367	ng	98
14) 1,2-Dichlorobenzene	8.423	146	67441	50.184	ng	98
15) Benzyl Alcohol	8.300	79	57703	54.637	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.588	45	79037	48.101	ng	99
17) 2-Methylphenol	8.511	107	52794	53.070	ng	94
18) Hexachloroethane	9.157	117	23160	49.870	ng	# 79
19) n-Nitroso-di-n-propyla...	8.870	70	45431	47.856	ng	94
20) 3+4-Methylphenols	8.840	107	72028	51.629	ng	97
22) Acetophenone	8.887	105	90060	45.669	ng	# 97
24) Nitrobenzene	9.269	77	68830	48.417	ng	# 86
25) Isophorone	9.792	82	127943	47.453	ng	# 94
26) 2-Nitrophenol	9.986	139	35059	55.834	ng	# 84
27) 2,4-Dimethylphenol	10.045	122	58922	57.976	ng	92
28) bis(2-Chloroethoxy)met...	10.274	93	73370	50.513	ng	97
29) 2,4-Dichlorophenol	10.526	162	73074	53.626	ng	90
30) 1,2,4-Trichlorobenzene	10.738	180	79083	46.871	ng	# 97
31) Naphthalene	10.926	128	188408	46.003	ng	98
32) Benzoic acid	10.192	122	31052	64.927	ng	# 79
33) 4-Chloroaniline	11.032	127	43224	25.440	ng	# 91
34) Hexachlorobutadiene	11.214	225	60781	46.855	ng	95
35) Caprolactam	11.801	113	14021	37.377	ng	93
36) 4-Chloro-3-methylphenol	12.154	107	70670	53.350	ng	88
37) 2-Methylnaphthalene	12.530	142	142526	47.036	ng	95
38) 1-Methylnaphthalene	12.747	142	135431	45.902	ng	100
40) 1,2,4,5-Tetrachloroben...	12.900	216	114037	46.681	ng	96
41) Hexachlorocyclopentadiene	12.877	237	95343	83.816	ng	97
43) 2,4,6-Trichlorophenol	13.135	196	71210	51.893	ng	97

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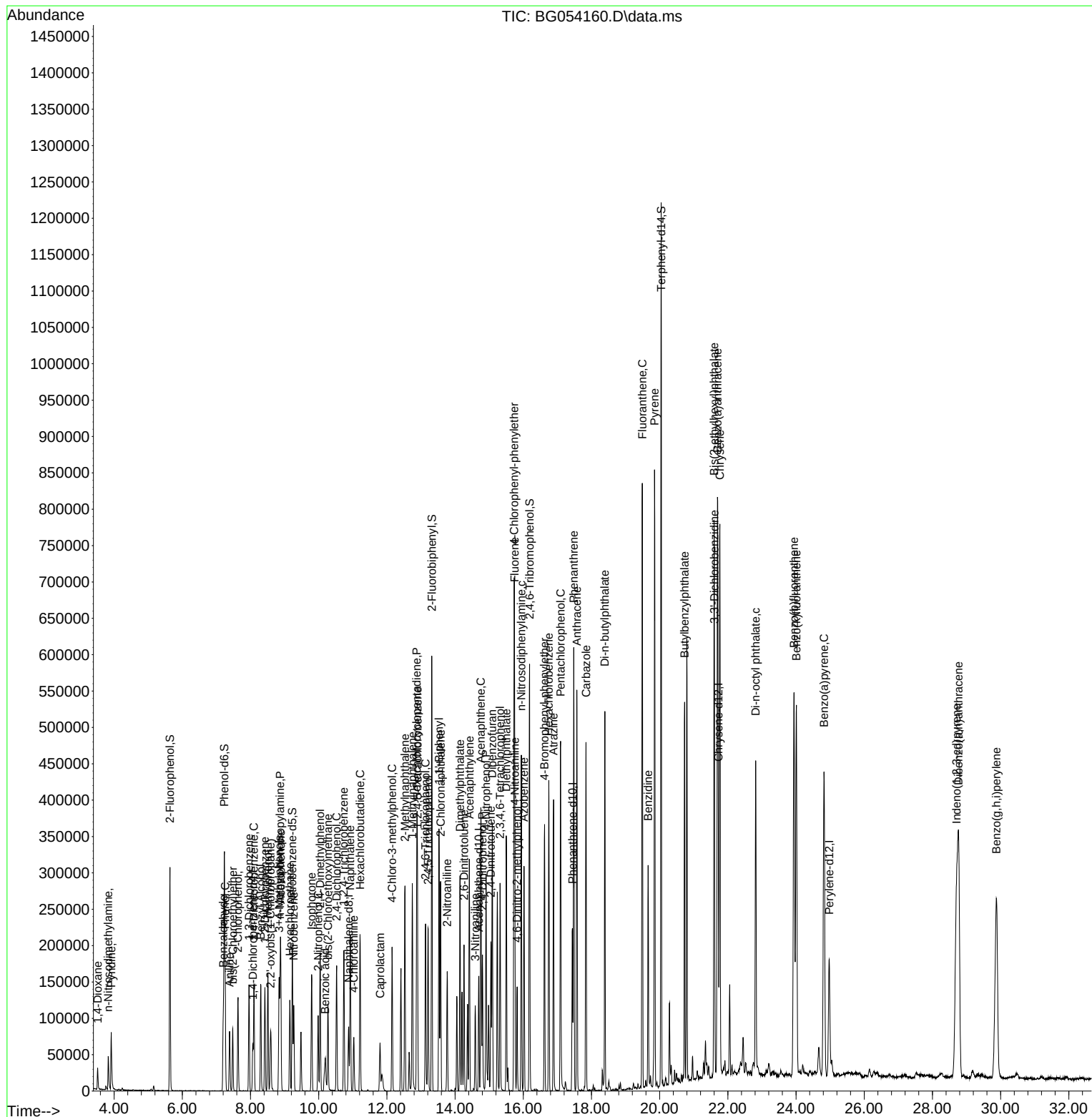
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	78778	51.415	ng	# 94
46) 1,1'-Biphenyl	13.529	154	207477	46.982	ng	98
47) 2-Chloronaphthalene	13.576	162	167832	46.960	ng	97
48) 2-Nitroaniline	13.770	65	49961	52.552	ng	# 86
49) Acenaphthylene	14.422	152	263141	47.350	ng	99
50) Dimethylphthalate	14.146	163	221275	45.828	ng	99
51) 2,6-Dinitrotoluene	14.263	165	50473	51.739	ng	# 77
52) Acenaphthene	14.757	154	157739	44.528	ng	98
53) 3-Nitroaniline	14.592	138	31507	33.337	ng	91
54) 2,4-Dinitrophenol	14.804	184	54344	99.111	ng	# 78
55) Dibenzofuran	15.092	168	271873	47.634	ng	96
56) 4-Nitrophenol	14.910	139	74757	111.412	ng	90
57) 2,4-Dinitrotoluene	15.051	165	73909	53.645	ng	# 82
58) Fluorene	15.744	166	224720	47.954	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.321	232	78874	52.639	ng	# 89
60) Diethylphthalate	15.503	149	218831	46.799	ng	97
61) 4-Chlorophenyl-phenyle...	15.732	204	136792	48.758	ng	# 89
62) 4-Nitroaniline	15.756	138	44343	44.990	ng	# 76
63) Azobenzene	16.020	77	180651	47.996	ng	91
65) 4,6-Dinitro-2-methylph...	15.820	198	41939	50.263	ng	81
66) n-Nitrosodiphenylamine	15.944	169	202197	46.389	ng	98
67) 4-Bromophenyl-phenylether	16.625	248	100838	48.275	ng	92
68) Hexachlorobenzene	16.749	284	113711	47.590	ng	# 93
69) Atrazine	16.890	200	96537	53.465	ng	96
70) Pentachlorophenol	17.095	266	118422	106.696	ng	96
71) Phenanthrene	17.483	178	417013	48.532	ng	97
72) Anthracene	17.571	178	400088	47.682	ng	99
73) Carbazole	17.841	167	345146	47.922	ng	99
74) Di-n-butylphthalate	18.394	149	392851	47.176	ng	# 97
75) Fluoranthene	19.492	202	601999	53.370	ng	97
77) Benzidine	19.663	184	201852	54.949	ng	97
78) Pyrene	19.851	202	592876	55.338	ng	97
80) Butylbenzylphthalate	20.732	149	170555	49.666	ng	# 89
81) Benzo(a)anthracene	21.696	228	592466	51.584	ng	98
82) 3,3'-Dichlorobenzidine	21.608	252	133188	38.813	ng	96
83) Chrysene	21.766	228	547435	50.003	ng	97
84) Bis(2-ethylhexyl)phtha...	21.596	149	248127	50.520	ng	# 95
85) Di-n-octyl phthalate	22.818	149	419370	49.679	ng	95
87) Indeno(1,2,3-cd)pyrene	28.711	276	696407	49.674	ng	# 96
88) Benzo(b)fluoranthene	23.940	252	635393	56.251	ng	99
89) Benzo(k)fluoranthene	24.011	252	566070	50.615	ng	99
90) Benzo(a)pyrene	24.821	252	548805	57.584	ng	100
91) Dibenzo(a,h)anthracene	28.764	278	560134	48.316	ng	97
92) Benzo(g,h,i)perylene	29.874	276	599178	52.372	ng	95

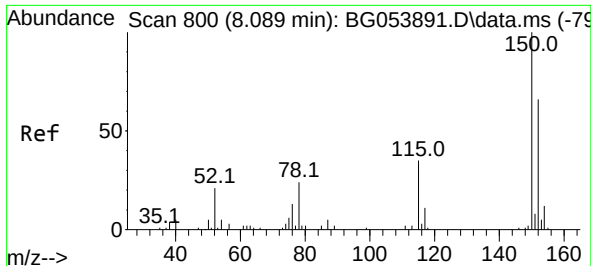
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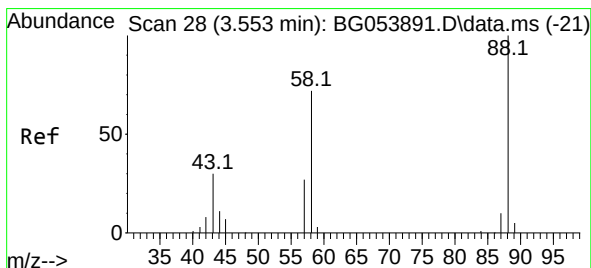
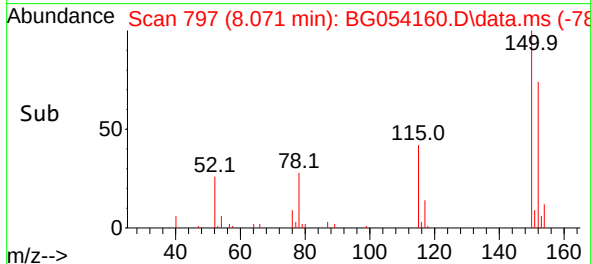
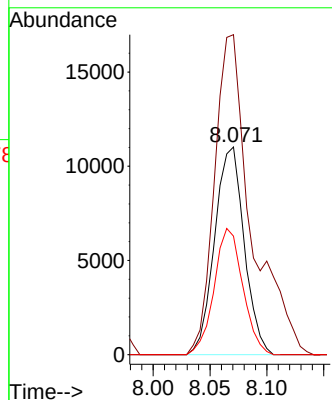
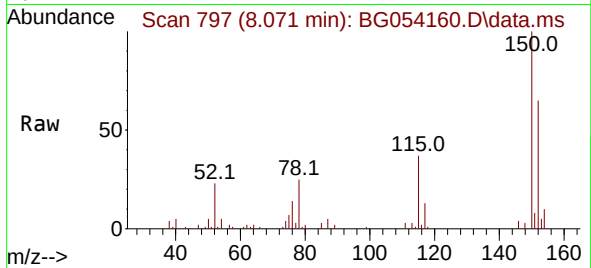




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.071 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: BG054160.D
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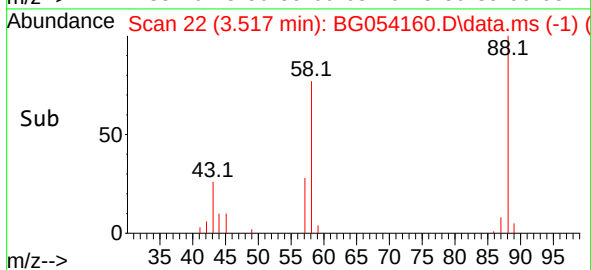
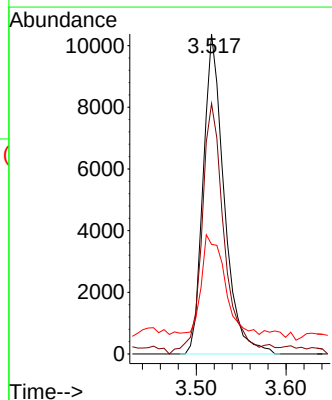
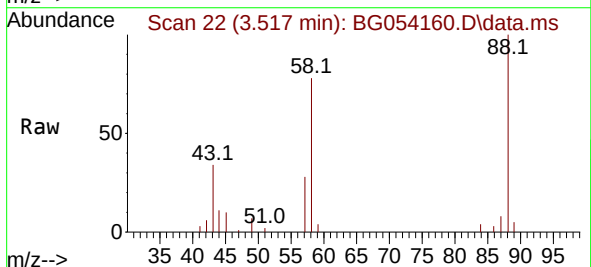
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 BNA_G
 ClientSampleId :
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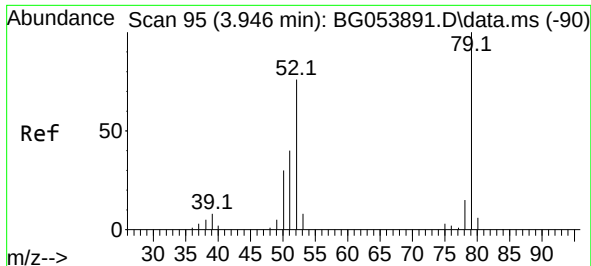
Tgt Ion:152 Resp: 19915
 Ion Ratio Lower Upper
 152 100
 150 154.1 131.6 197.4
 115 57.1 50.9 76.3



#2
 1,4-Dioxane
 Concen: 36.847 ng
 RT: 3.517 min Scan# 22
 Delta R.T. -0.012 min
 Lab File: BG054160.D
 Acq: 30 Jun 2022 00:52

Tgt Ion: 88 Resp: 16778
 Ion Ratio Lower Upper
 88 100
 58 83.0 59.2 88.8
 43 34.8 24.3 36.5

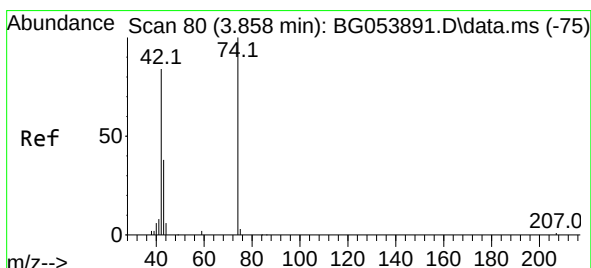
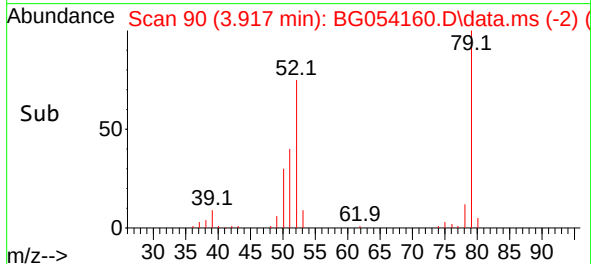
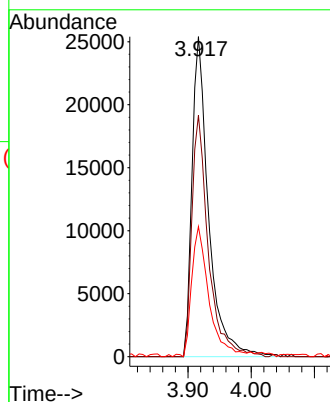
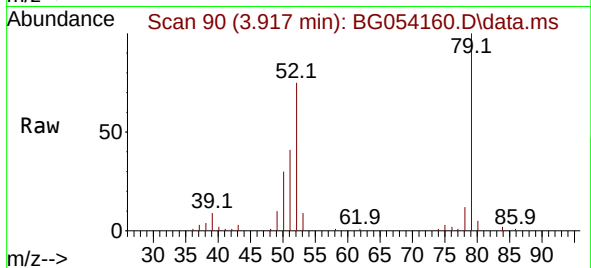




#3
 Pyridine
 Concen: 38.036 ng
 RT: 3.917 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: BG054160.D
 Acq: 30 Jun 2022 00:52

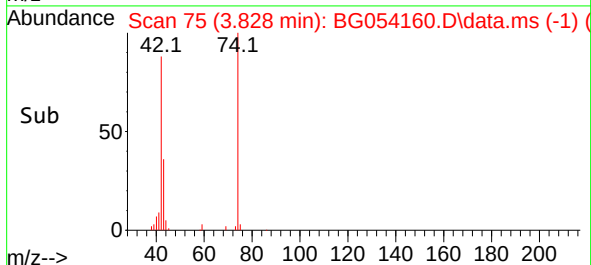
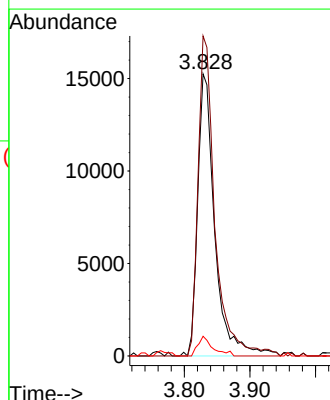
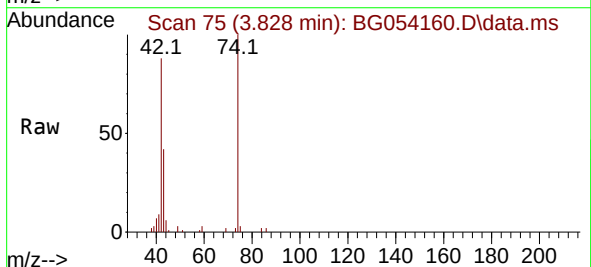
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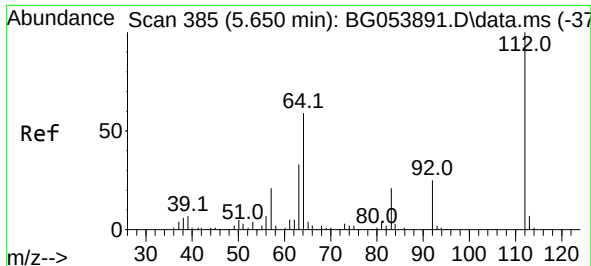
Tgt Ion: 79	Resp: 46217
Ion Ratio	Lower Upper
79	100
52	75.4 54.6 81.8
51	40.7 32.5 48.7



#4
 n-Nitrosodimethylamine
 Concen: 51.900 ng
 RT: 3.828 min Scan# 75
 Delta R.T. -0.012 min
 Lab File: BG054160.D
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Tgt Ion: 42	Resp: 27739
Ion Ratio	Lower Upper
42	100
74	113.4 97.0 145.4
44	7.0 7.0 10.4

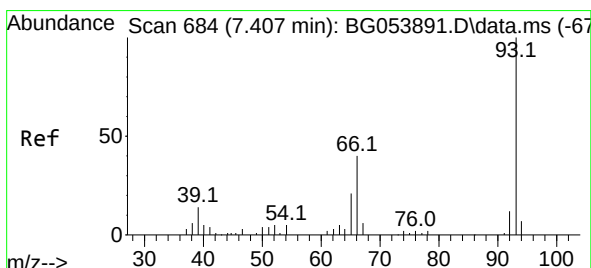
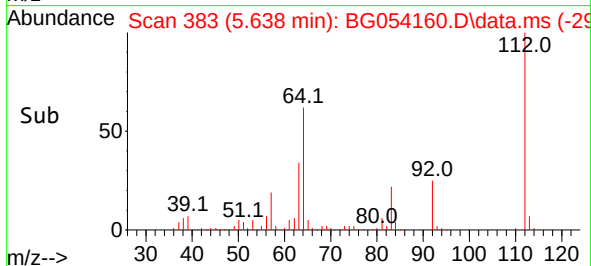
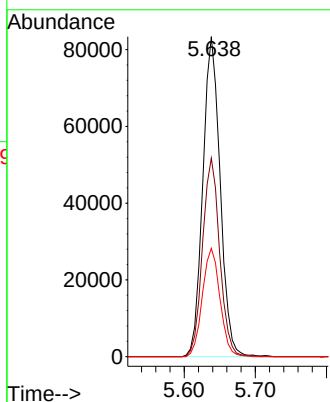
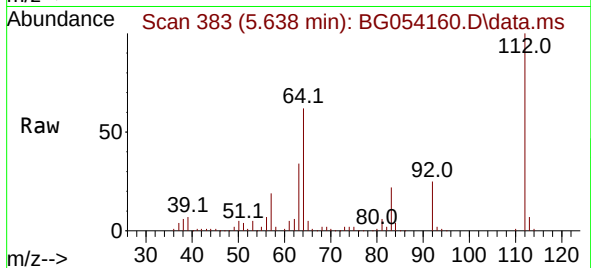




#5
2-Fluorophenol
Concen: 136.035 ng
RT: 5.638 min Scan# 383
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

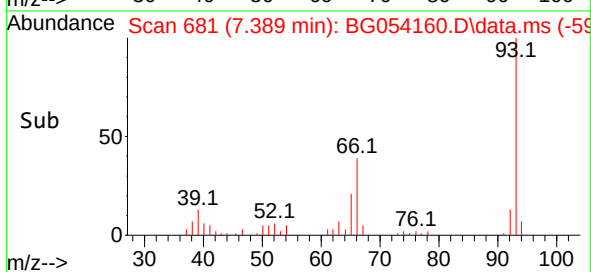
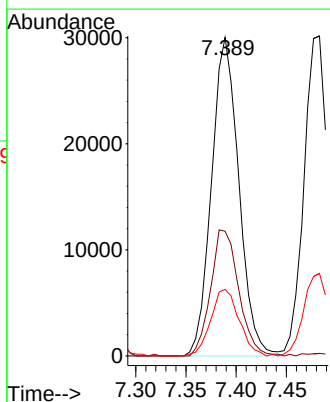
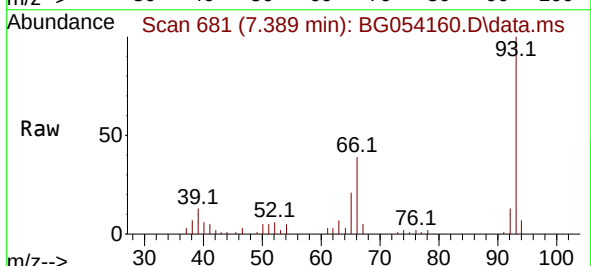
Instrument :
BNA_G
ClientSampleId :
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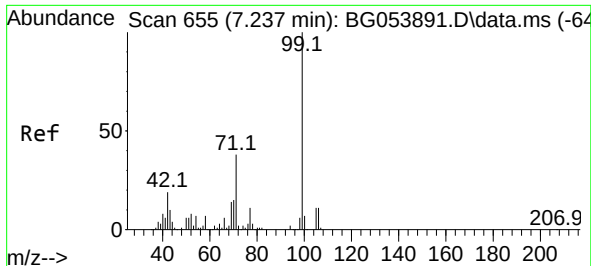
Tgt Ion:112 Resp: 141698
Ion Ratio Lower Upper
112 100
64 62.1 55.1 82.7
63 33.9 30.4 45.6



#6
Aniline
Concen: 33.866 ng
RT: 7.389 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion: 93 Resp: 56737
Ion Ratio Lower Upper
93 100
66 39.2 32.9 49.3
65 20.9 17.8 26.8

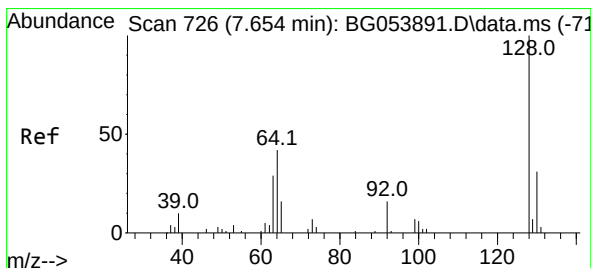
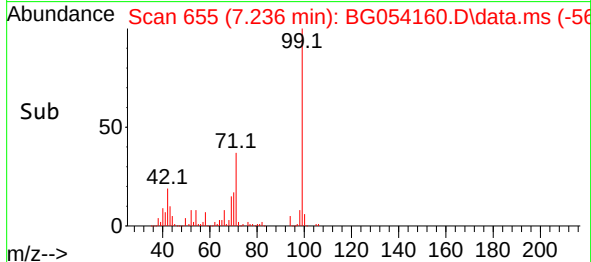
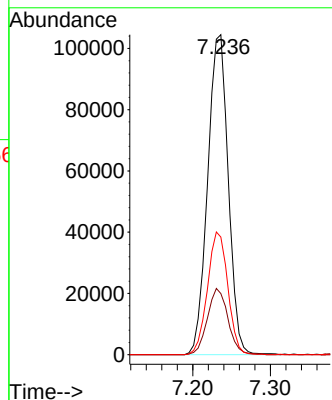
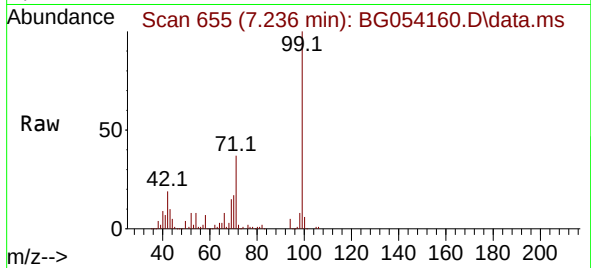




#7
Phenol-d6
Concen: 136.699 ng
RT: 7.236 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

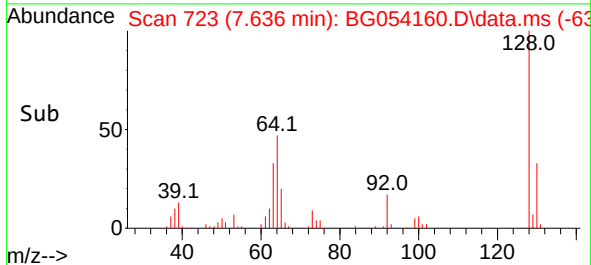
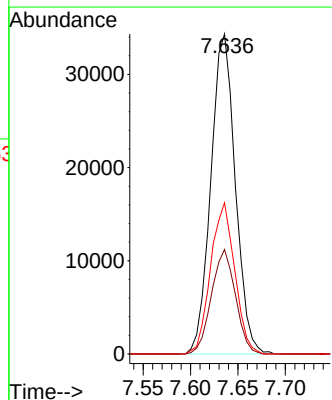
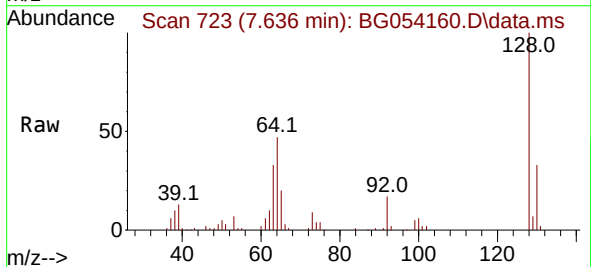
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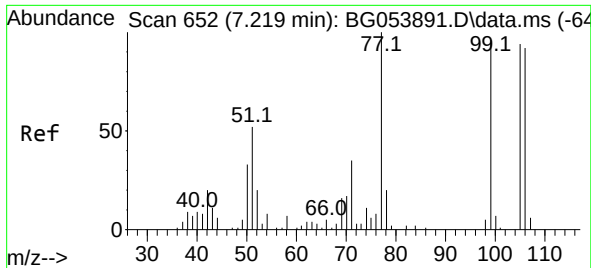
Tgt Ion: 99 Resp: 193162
Ion Ratio Lower Upper
99 100
42 19.1 17.0 25.6
71 36.7 33.8 50.8



#8
2-Chlorophenol
Concen: 55.328 ng
RT: 7.636 min Scan# 723
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:128 Resp: 61535
Ion Ratio Lower Upper
128 100
130 32.7 10.5 50.5
64 47.3 35.1 75.1

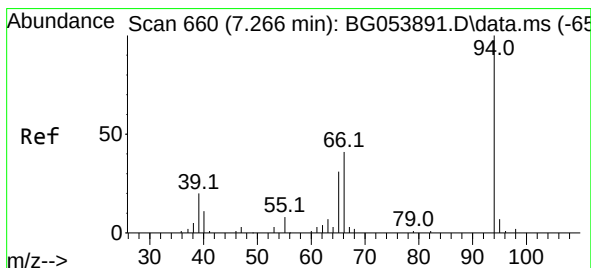
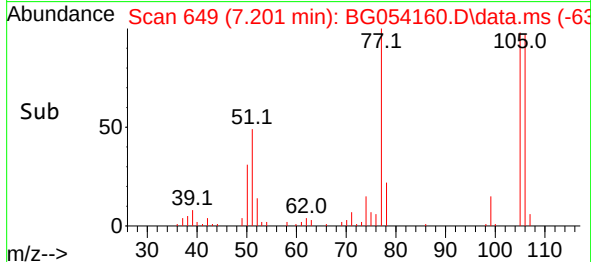
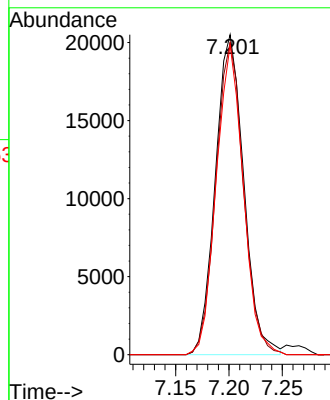
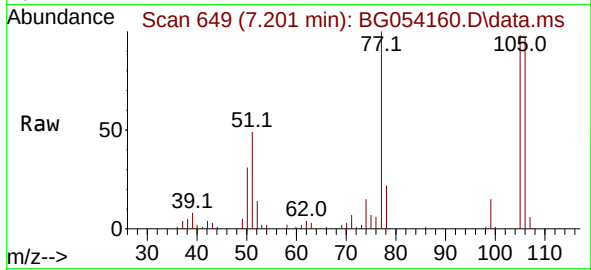




#9
Benzaldehyde
Concen: 45.391 ng
RT: 7.201 min Scan# 649
Delta R.T. -0.006 min
Lab File: BG054160.D
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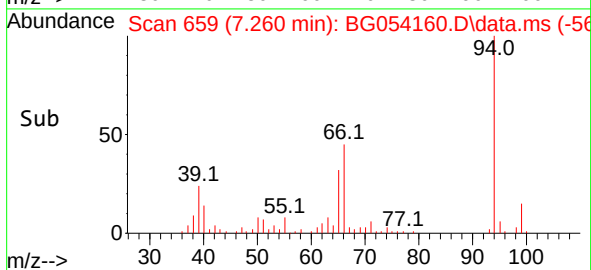
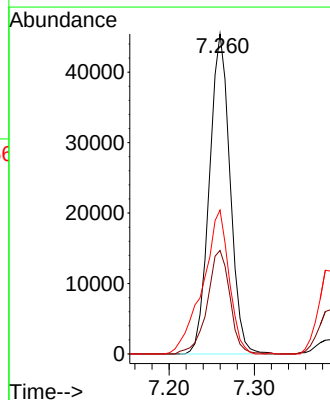
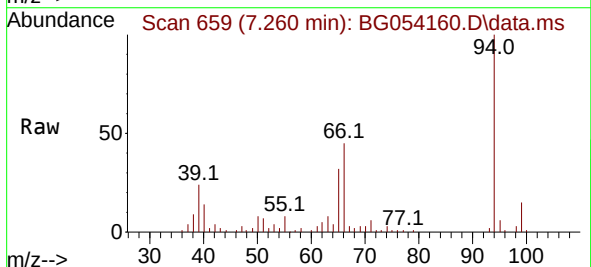
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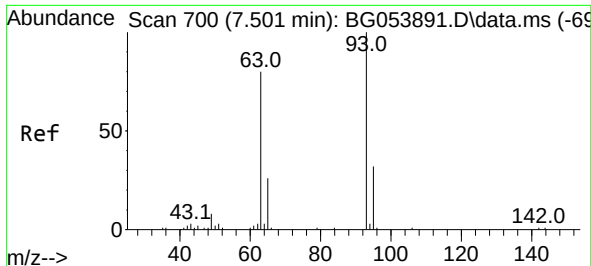
Tgt Ion: 77 Resp: 37854
Ion Ratio Lower Upper
77 100
105 97.6 59.6 99.6
106 96.8 56.8 96.8#



#10
Phenol
Concen: 53.368 ng
RT: 7.260 min Scan# 659
Delta R.T. 0.000 min
Lab File: BG054160.D
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Tgt Ion: 94 Resp: 76425
Ion Ratio Lower Upper
94 100
65 32.4 14.8 54.8
66 44.9 25.2 65.2

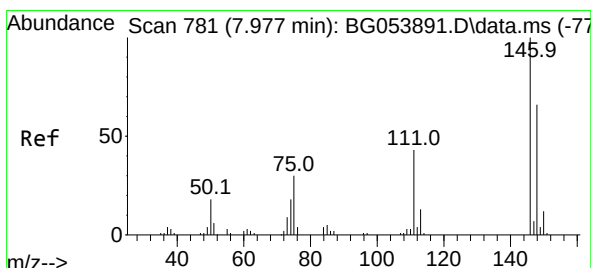
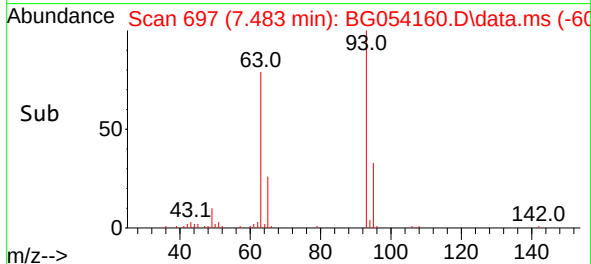
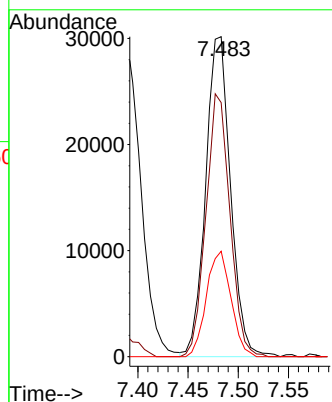
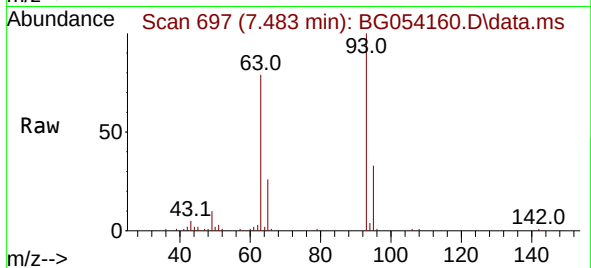




#11
bis(2-Chloroethyl)ether
Concen: 47.432 ng
RT: 7.483 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

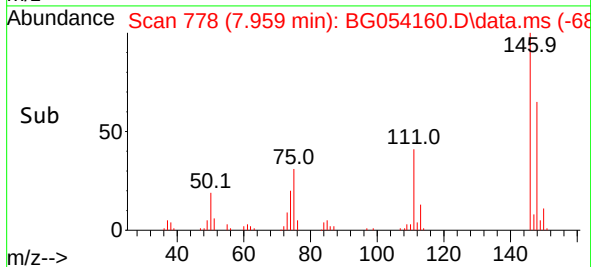
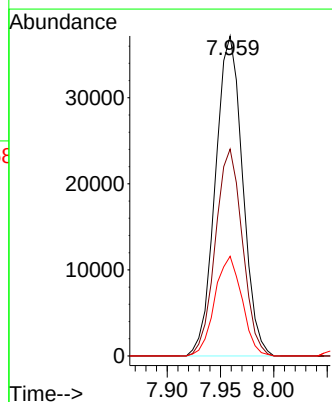
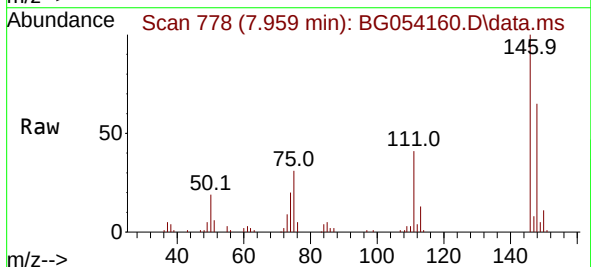
Instrument :
BNA_G
ClientSampleId :
R-1MSD

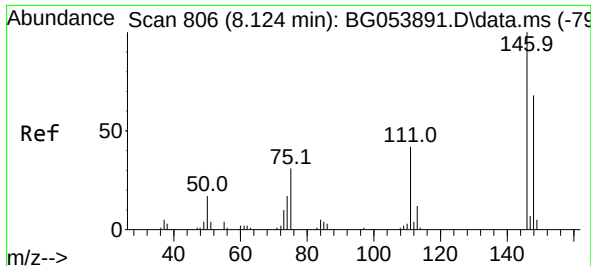
Tgt Ion: 93 Resp: 52136
Ion Ratio Lower Upper
93 100
63 79.4 63.6 103.6
95 32.9 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 47.407 ng
RT: 7.959 min Scan# 778
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion: 146 Resp: 66068
Ion Ratio Lower Upper
146 100
148 64.6 46.1 69.1
75 31.2 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 48.367 ng

RT: 8.100 min Scan# 80

Delta R.T. -0.006 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

Instrument :

BNA_G

ClientSampleId :

R-1MSD

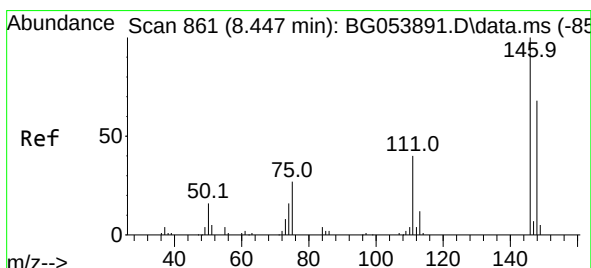
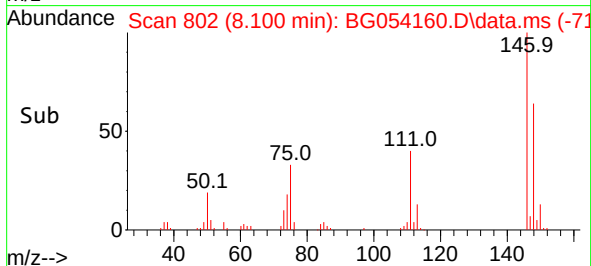
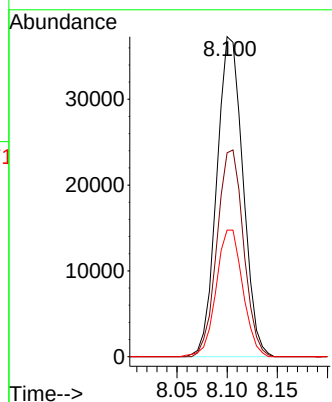
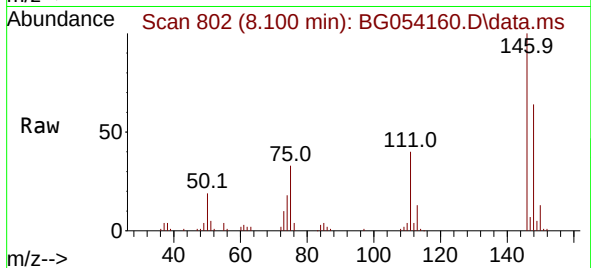
Tgt Ion:146 Resp: 67710

Ion Ratio Lower Upper

146 100

148 63.7 51.5 77.3

111 39.6 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 50.184 ng

RT: 8.423 min Scan# 857

Delta R.T. -0.006 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

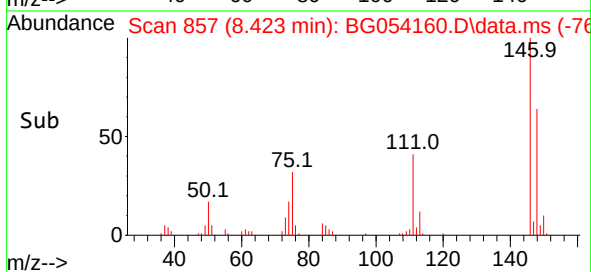
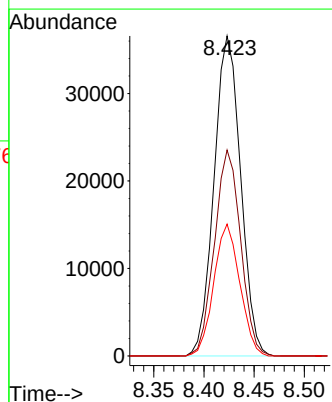
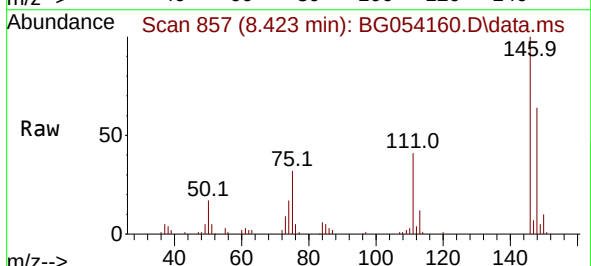
Tgt Ion:146 Resp: 67441

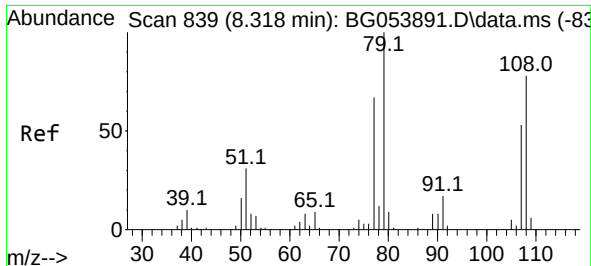
Ion Ratio Lower Upper

146 100

148 64.4 52.6 78.8

111 41.2 34.5 51.7

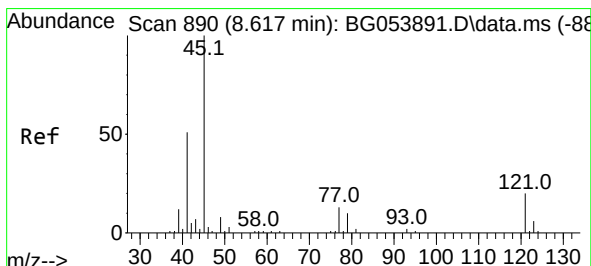
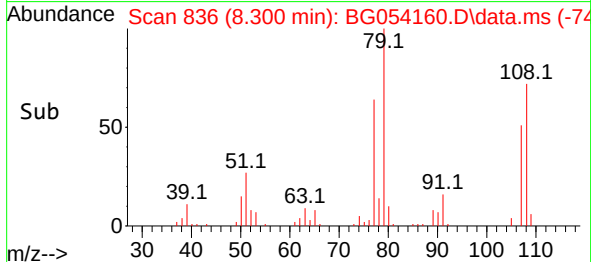
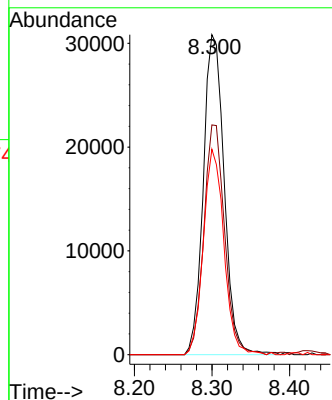
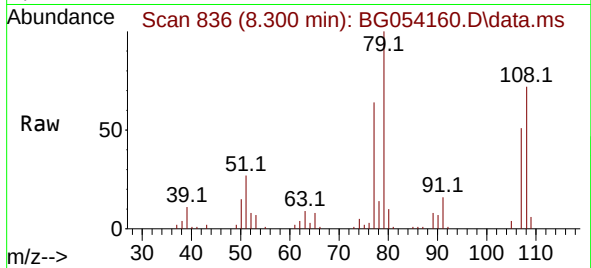




#15
Benzyl Alcohol
Concen: 54.637 ng
RT: 8.300 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

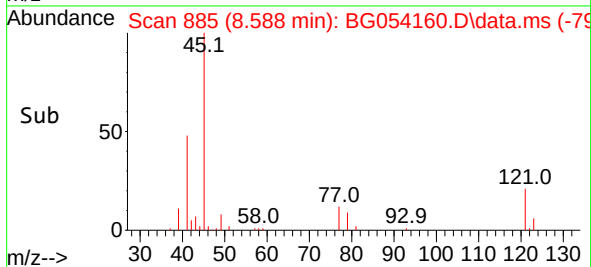
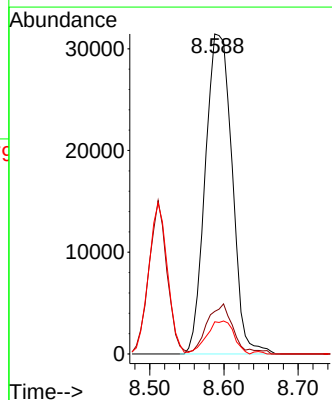
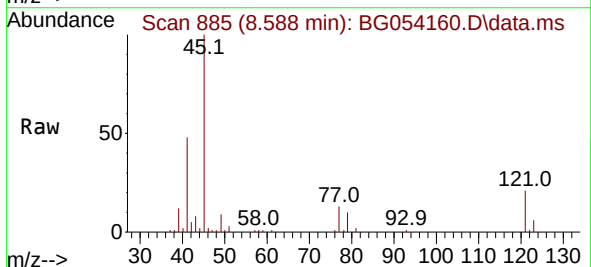
Instrument :
BNA_G
ClientSampleId :
R-1MSD

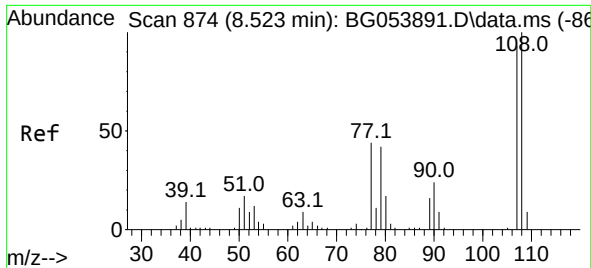
Tgt Ion: 79 Resp: 57703
Ion Ratio Lower Upper
79 100
108 71.8 53.7 80.5
77 64.2 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.101 ng
RT: 8.588 min Scan# 885
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion: 45 Resp: 79037
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.7
79 10.1 0.0 29.7

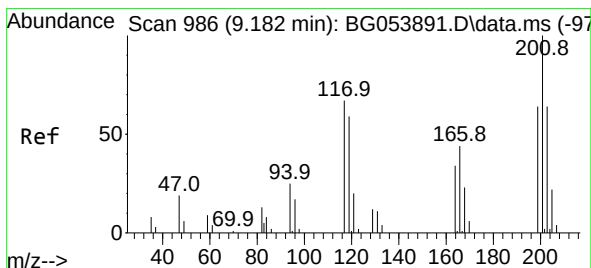
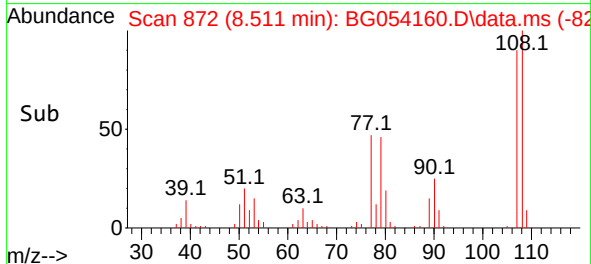
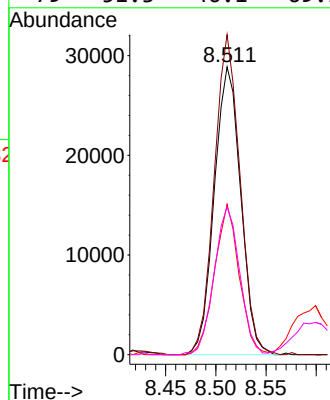
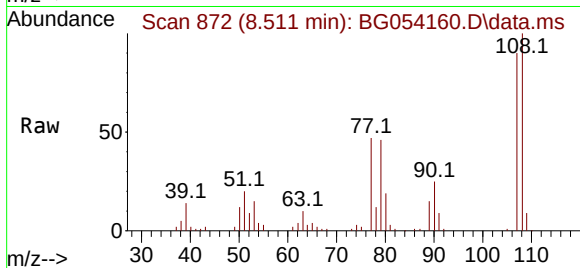




#17
2-Methylphenol
Concen: 53.070 ng
RT: 8.511 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

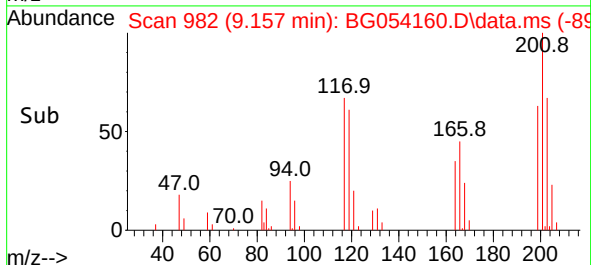
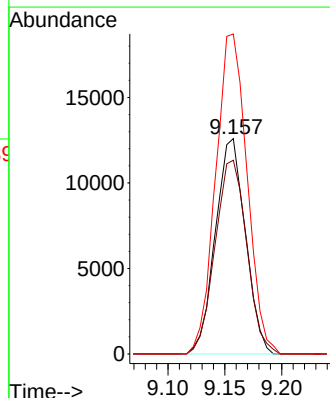
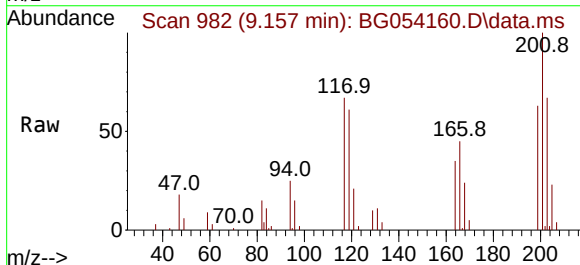
Instrument :
BNA_G
ClientSampleId :
R-1MSD

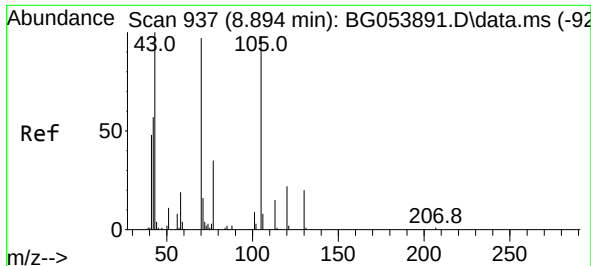
Tgt Ion:107	Resp:	52794
Ion	Ratio	Lower Upper
107	100	
108	111.2	85.4 128.0
77	52.2	46.2 69.2
79	51.3	46.1 69.1



#18
Hexachloroethane
Concen: 49.870 ng
RT: 9.157 min Scan# 982
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:117	Resp:	23160
Ion	Ratio	Lower Upper
117	100	
119	89.9	75.0 112.6
201	148.6	89.0 133.6#

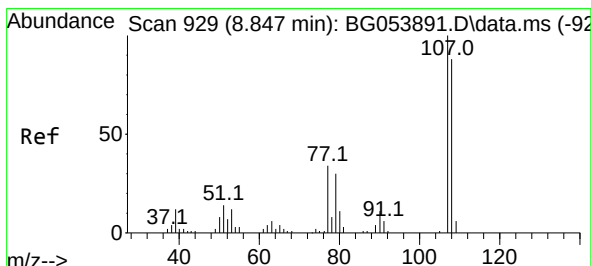
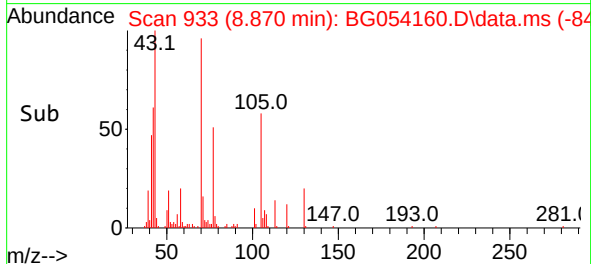
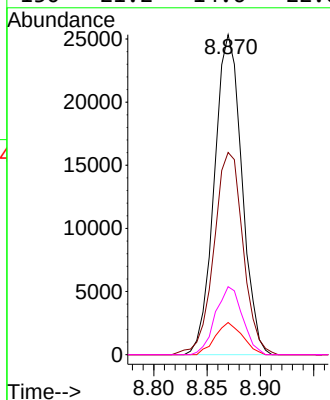
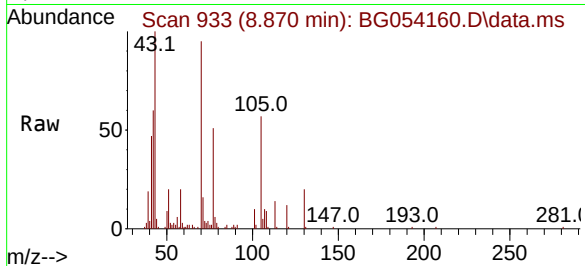




#19
n-Nitroso-di-n-propylamine
Concen: 47.856 ng
RT: 8.870 min Scan# 911
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

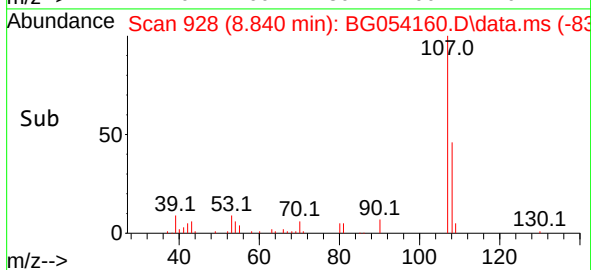
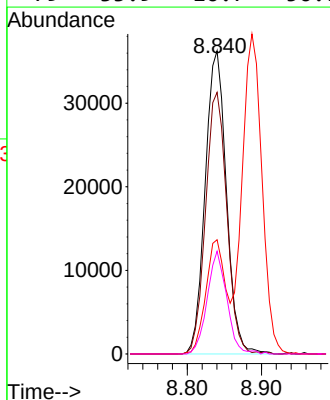
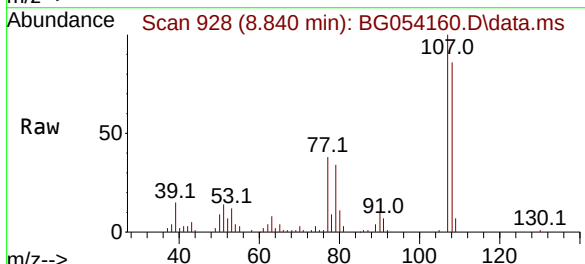
Instrument :
BNA_G
ClientSampleId :
R-1MSD

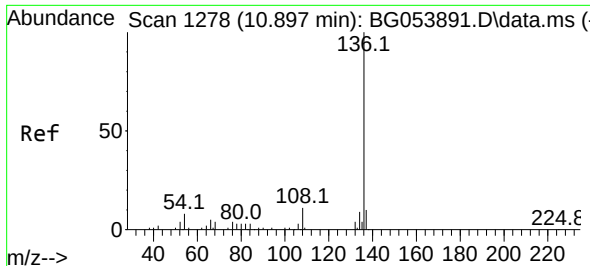
Tgt Ion: 70 Resp: 45431
Ion Ratio Lower Upper
70 100
42 63.2 47.3 70.9
101 10.1 7.0 10.4
130 21.2 14.6 22.0



#20
3+4-Methylphenols
Concen: 51.629 ng
RT: 8.840 min Scan# 928
Delta R.T. 0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion: 107 Resp: 72028
Ion Ratio Lower Upper
107 100
108 86.3 67.5 107.5
77 37.7 20.3 60.3
79 33.9 16.7 56.7

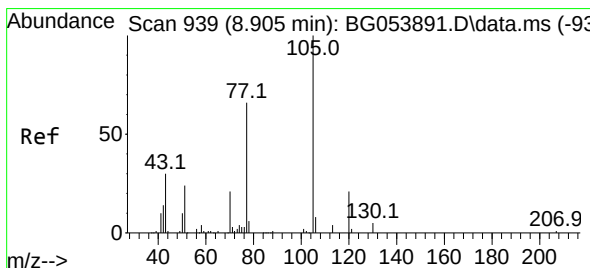
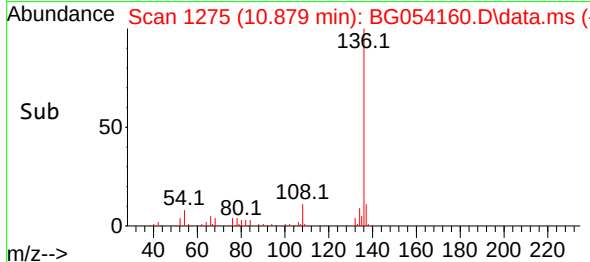
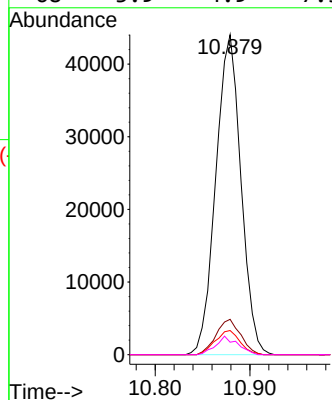
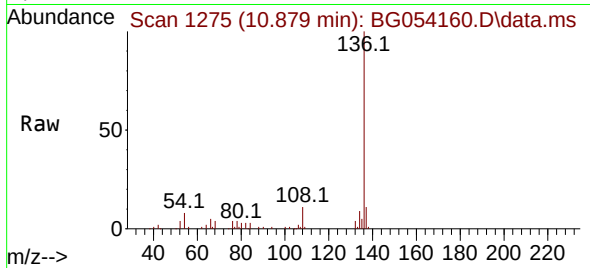




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

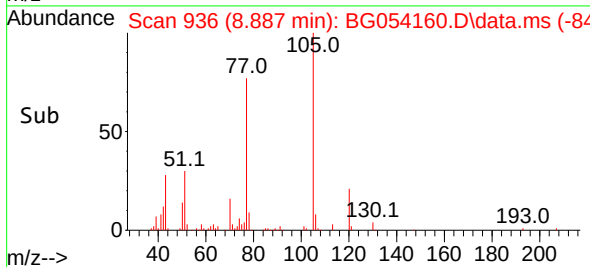
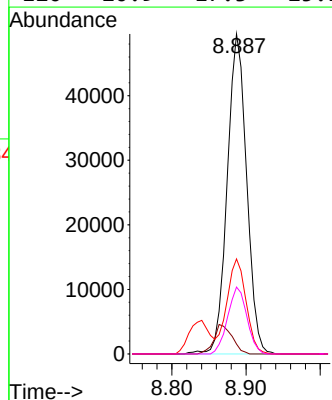
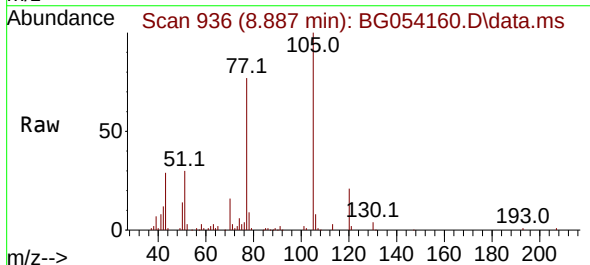
Instrument :
BNA_G
ClientSampleId :
R-1MSD

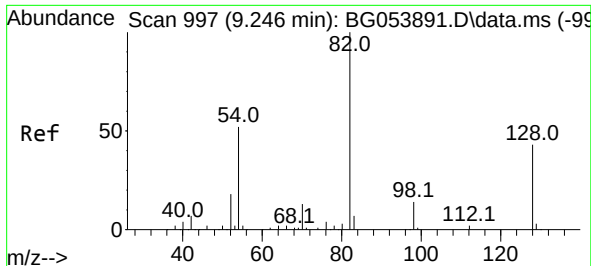
Tgt Ion:	136	Resp:	81128
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	7.5	7.4	11.2
68	3.9	4.9	7.3



#22
Acetophenone
Concen: 45.669 ng
RT: 8.887 min Scan# 936
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:	105	Resp:	90060
Ion Ratio	Lower	Upper	
105	100		
71	3.1	1.1	1.7
51	29.7	25.4	38.0
120	20.9	17.3	25.9

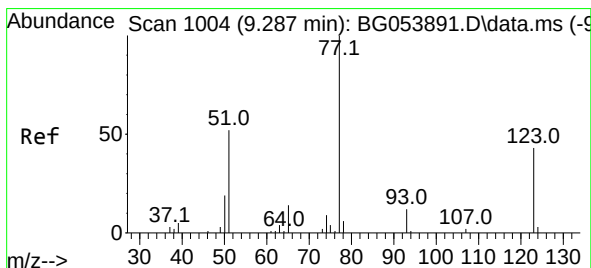
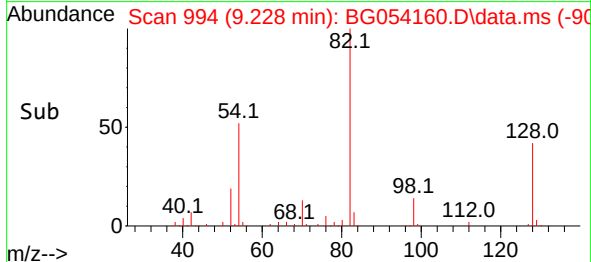
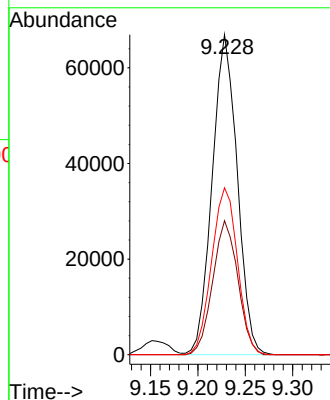
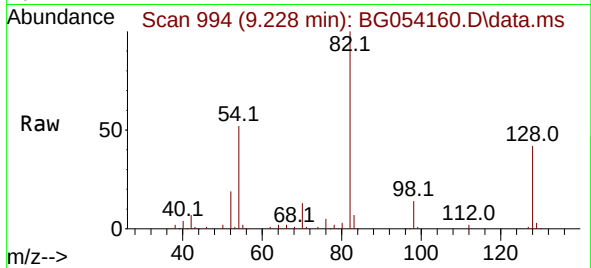




#23
Nitrobenzene-d5
Concen: 85.136 ng
RT: 9.228 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

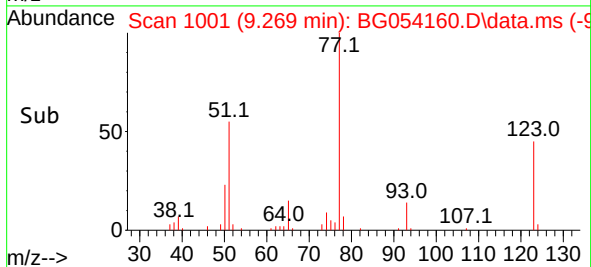
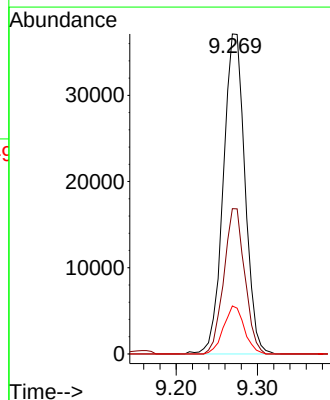
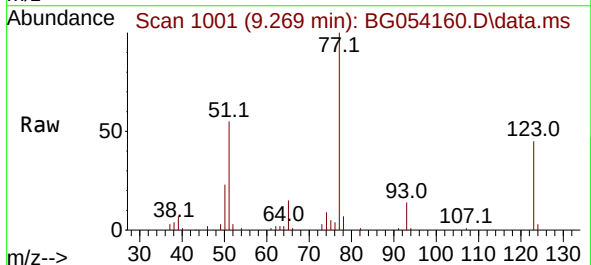
Instrument :
BNA_G
ClientSampleId :
R-1MSD

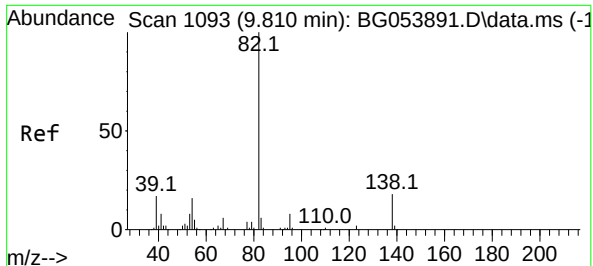
Tgt Ion: 82 Resp: 122907
Ion Ratio Lower Upper
82 100
128 41.9 27.9 41.9
54 52.2 41.2 61.8



#24
Nitrobenzene
Concen: 48.417 ng
RT: 9.269 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion: 77 Resp: 68830
Ion Ratio Lower Upper
77 100
123 45.4 27.4 41.0#
65 15.0 11.4 17.0

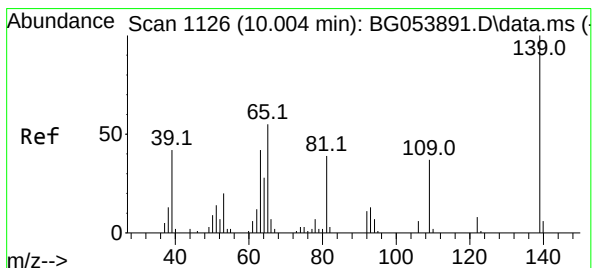
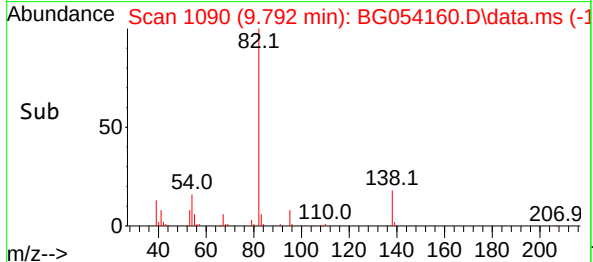
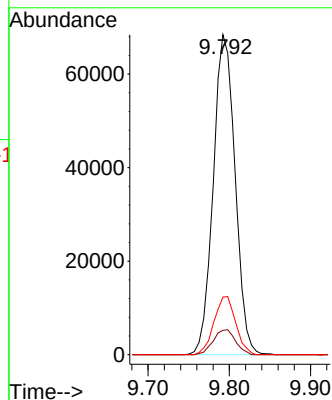
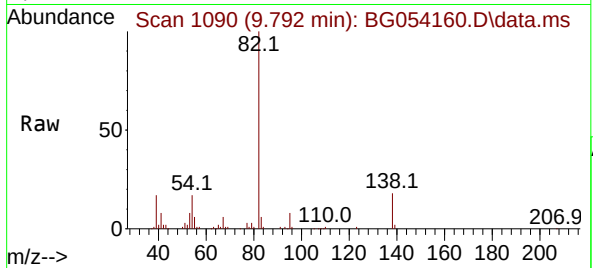




#25
Isophorone
Concen: 47.453 ng
RT: 9.792 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

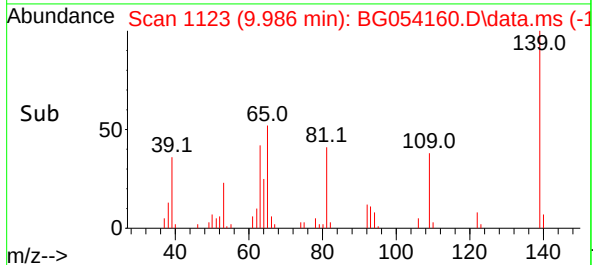
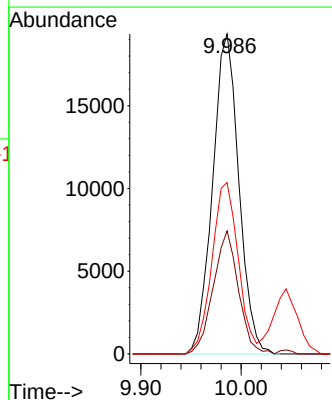
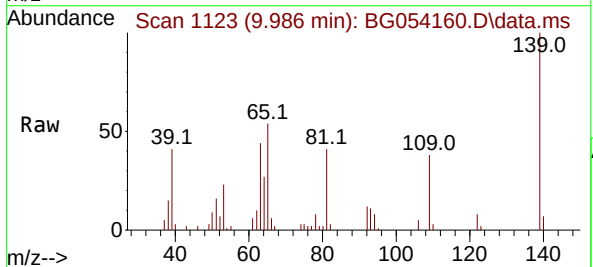
Instrument :
BNA_G
ClientSampleId :
R-1MSD

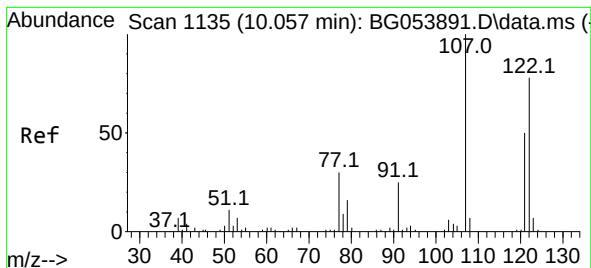
Tgt Ion: 82 Resp: 127943
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.4
138 18.0 11.6 17.4#



#26
2-Nitrophenol
Concen: 55.834 ng
RT: 9.986 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:139 Resp: 35059
Ion Ratio Lower Upper
139 100
109 38.5 36.1 54.1
65 53.6 55.8 83.6#

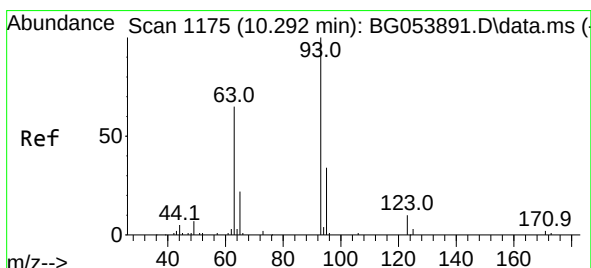
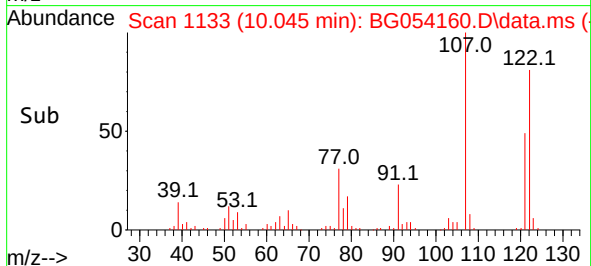
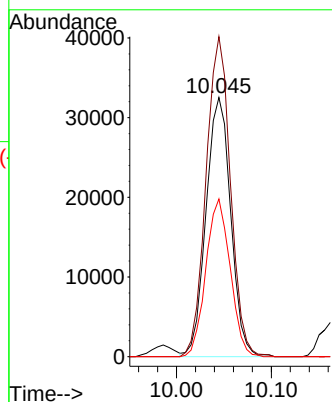
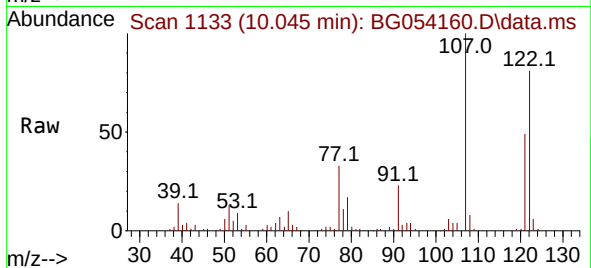




#27
2,4-Dimethylphenol
Concen: 57.976 ng
RT: 10.045 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

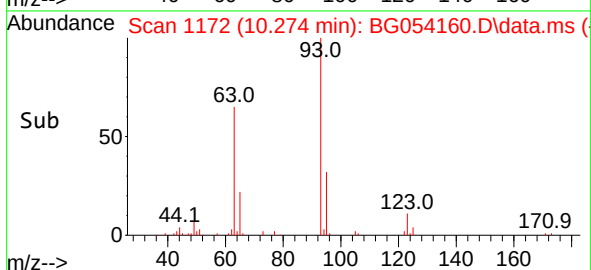
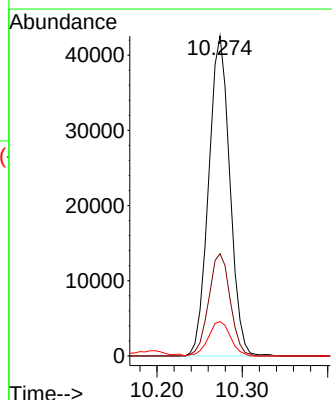
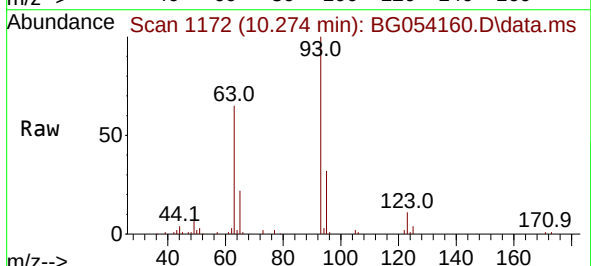
Instrument :
BNA_G
ClientSampleId :
R-1MSD

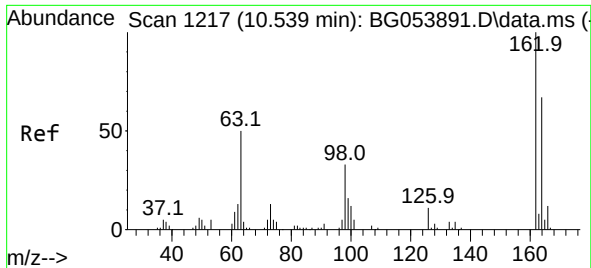
Tgt Ion:122 Resp: 58922
Ion Ratio Lower Upper
122 100
107 123.5 109.4 164.0
121 60.9 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 50.513 ng
RT: 10.274 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion: 93 Resp: 73370
Ion Ratio Lower Upper
93 100
95 32.0 26.9 40.3
123 10.7 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 53.626 ng

RT: 10.526 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

Instrument :

BNA_G

ClientSampleId :

R-1MSD

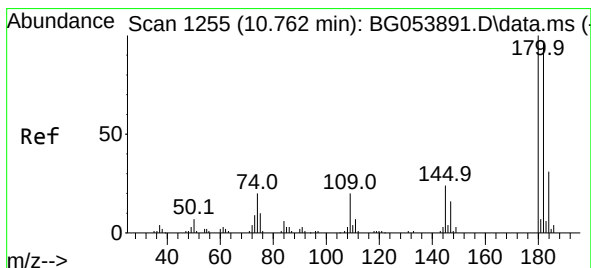
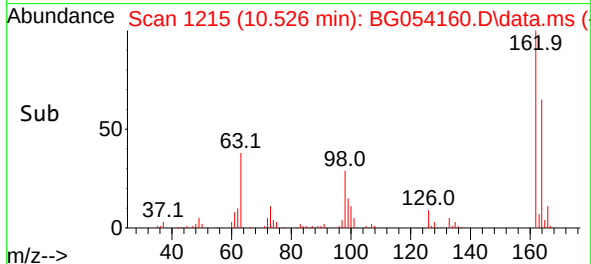
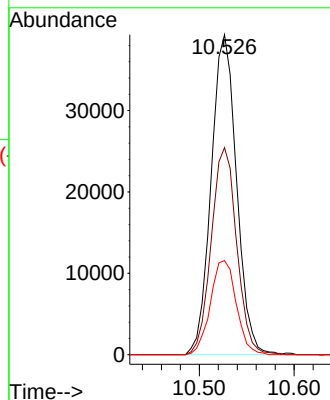
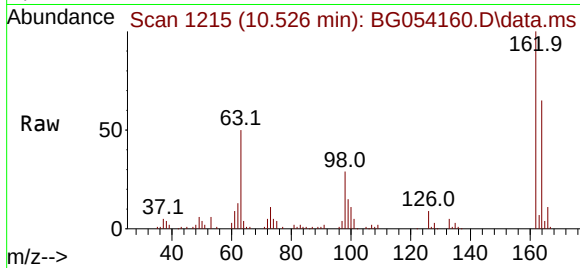
Tgt Ion:162 Resp: 73074

Ion Ratio Lower Upper

162 100

164 64.7 46.6 86.6

98 29.4 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 46.871 ng

RT: 10.738 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

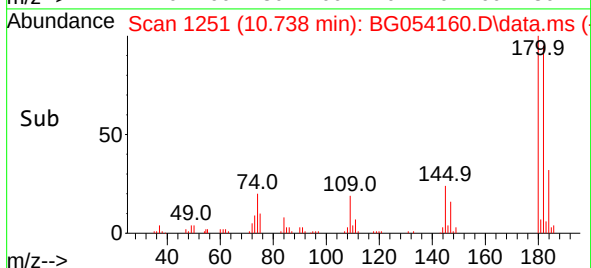
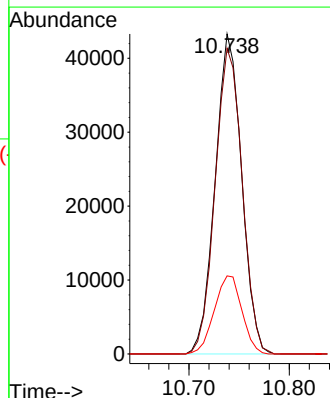
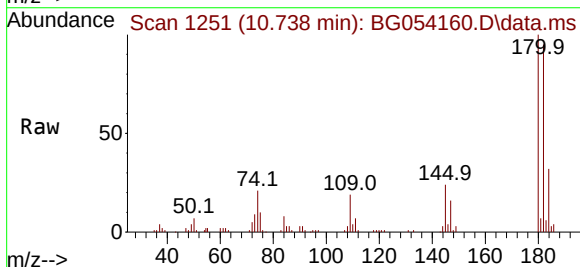
Tgt Ion:180 Resp: 79083

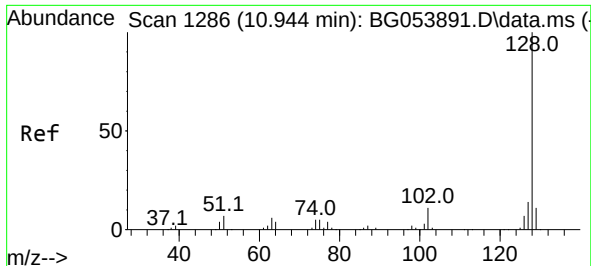
Ion Ratio Lower Upper

180 100

182 95.5 76.6 115.0

145 24.4 25.0 37.4#

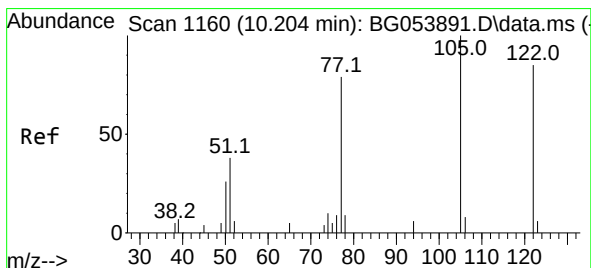
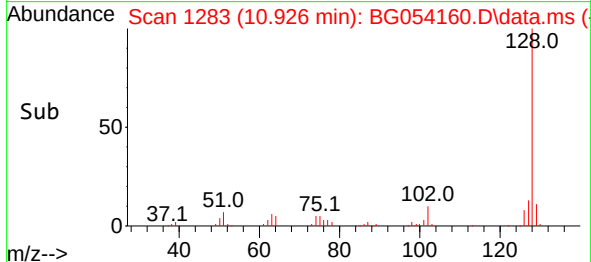
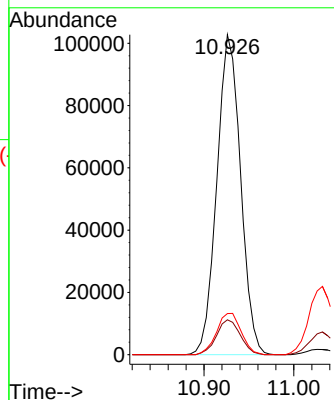
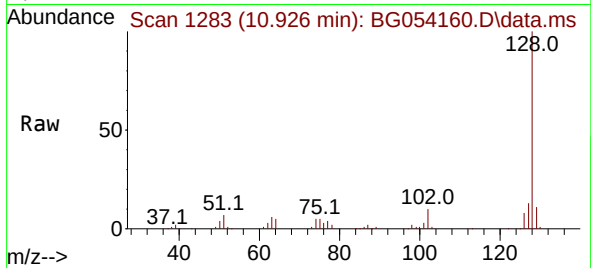




#31
Naphthalene
Concen: 46.003 ng
RT: 10.926 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

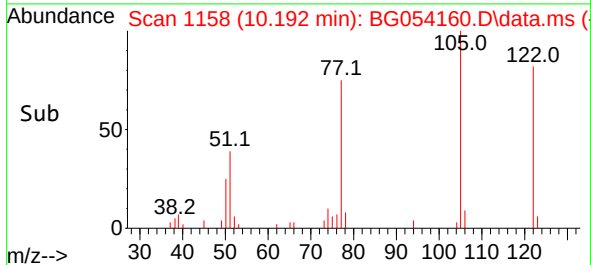
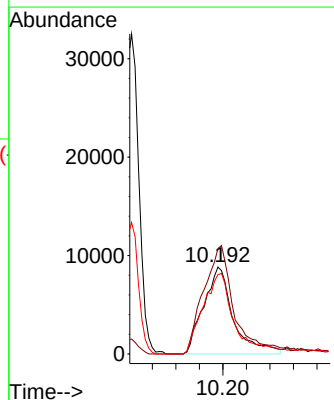
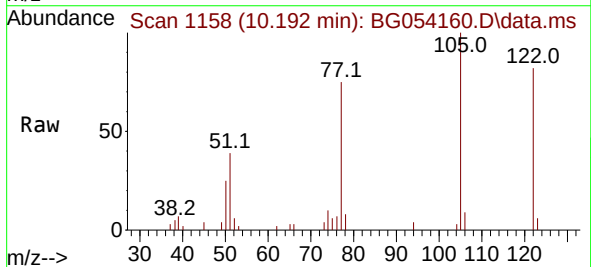
Instrument :
BNA_G
ClientSampleId :
R-1MSD

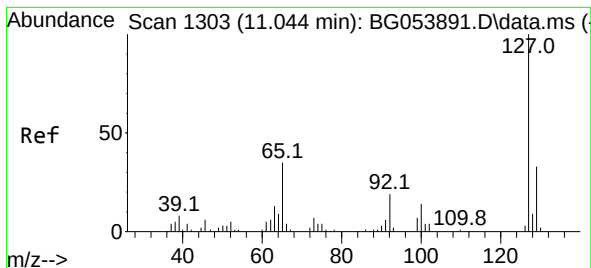
Tgt Ion:128 Resp: 188408
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.9 11.1 16.7



#32
Benzoic acid
Concen: 64.927 ng
RT: 10.192 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:122 Resp: 31052
Ion Ratio Lower Upper
122 100
105 121.5 111.8 151.8
77 91.3 109.4 149.4#

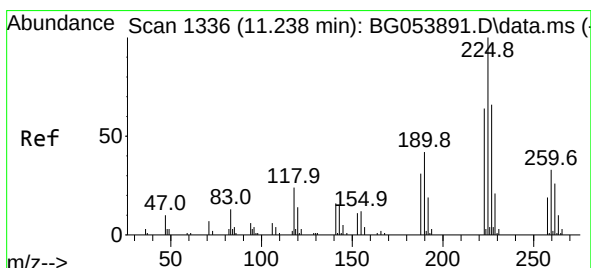
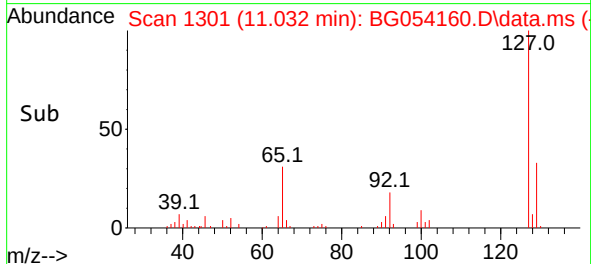
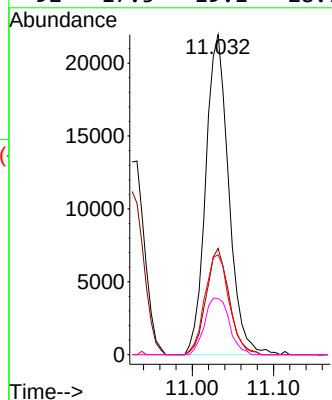
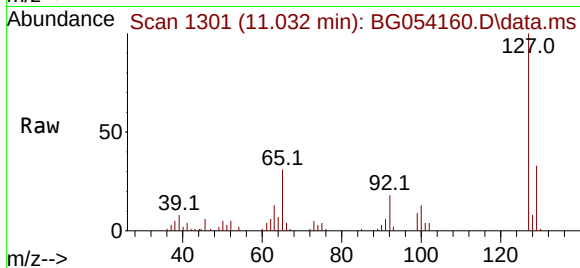




#33
4-Chloroaniline
Concen: 25.440 ng
RT: 11.032 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

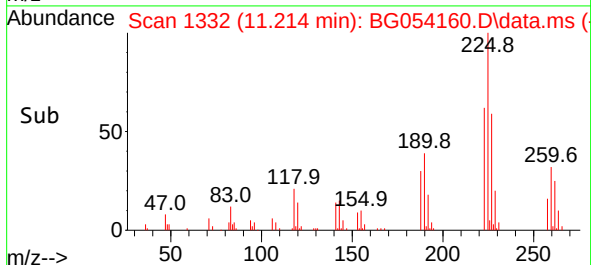
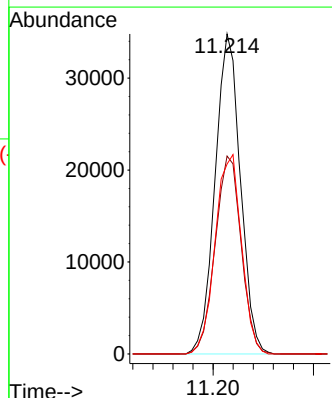
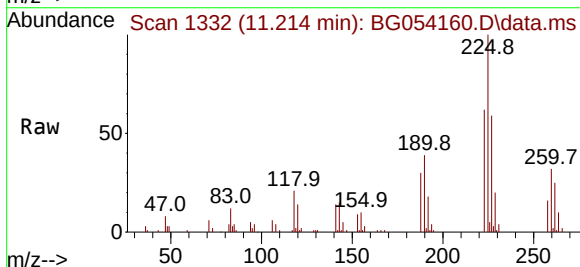
Instrument :
BNA_G
ClientSampleId :
R-1MSD

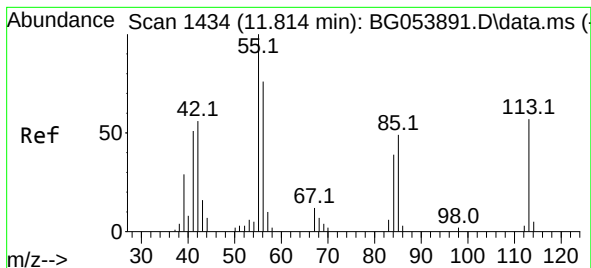
Tgt Ion:	127	Resp:	43224
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	31.2	31.1	46.7
92	17.5	19.1	28.7



#34
Hexachlorobutadiene
Concen: 46.855 ng
RT: 11.214 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:	225	Resp:	60781
Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.9	73.3
227	59.4	52.8	79.2





#35

Caprolactam

Concen: 37.377 ng

RT: 11.801 min Scan# 1432

Delta R.T. 0.012 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

Instrument :

BNA_G

ClientSampleId :

R-1MSD

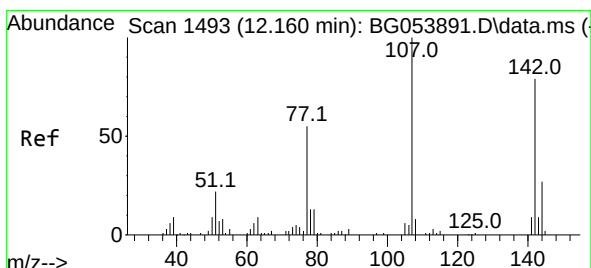
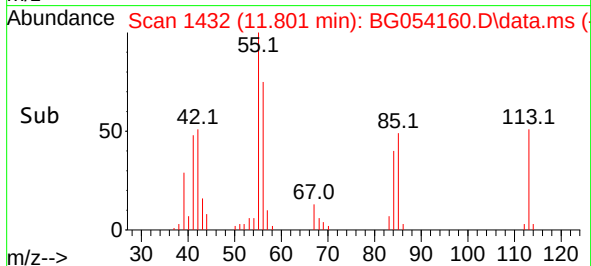
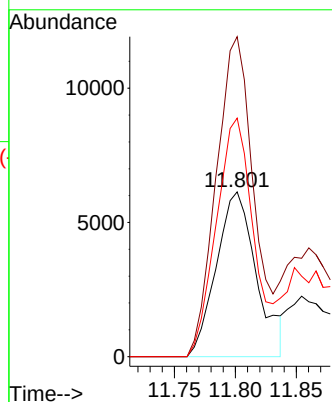
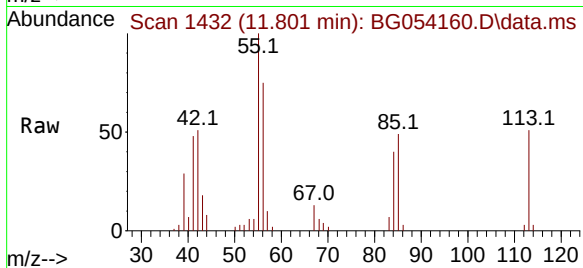
Tgt Ion:113 Resp: 14021

Ion Ratio Lower Upper

113 100

55 194.3 169.8 209.8

56 144.8 141.2 181.2



#36

4-Chloro-3-methylphenol

Concen: 53.350 ng

RT: 12.154 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

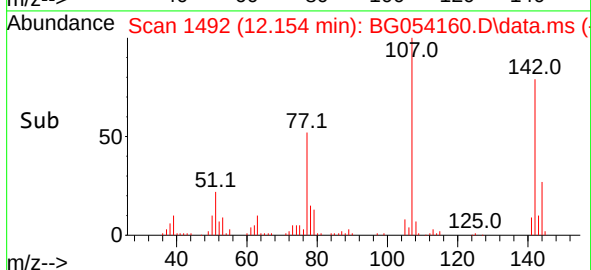
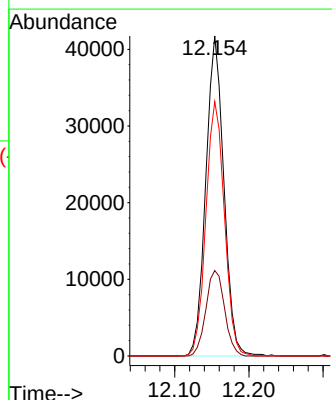
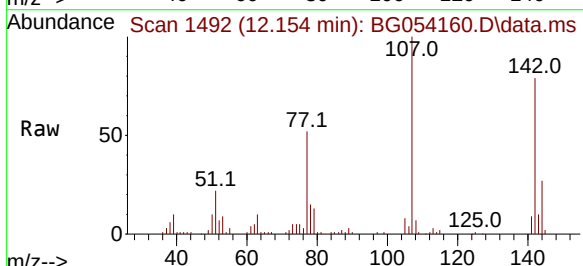
Tgt Ion:107 Resp: 70670

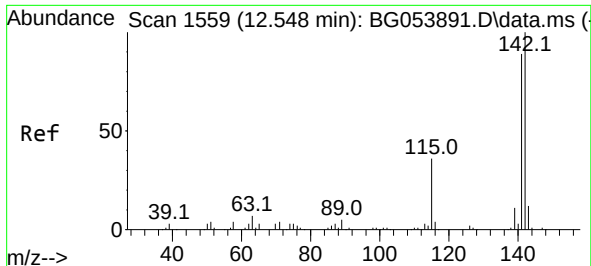
Ion Ratio Lower Upper

107 100

144 26.7 18.5 27.7

142 79.5 55.0 82.4





#37

2-Methylnaphthalene

Concen: 47.036 ng

RT: 12.530 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

Instrument :

BNA_G

ClientSampleId :

R-1MSD

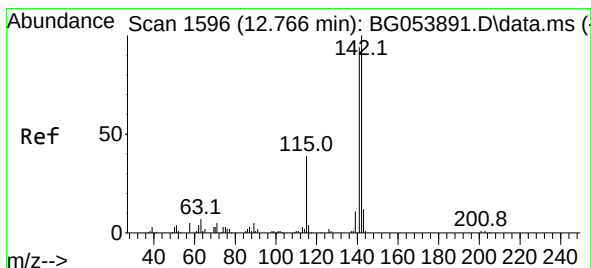
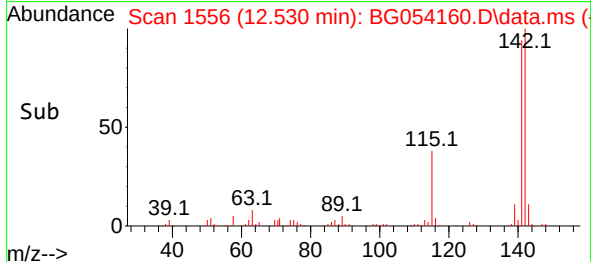
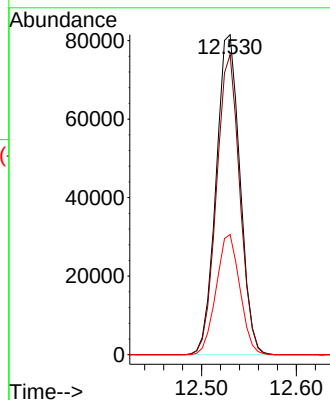
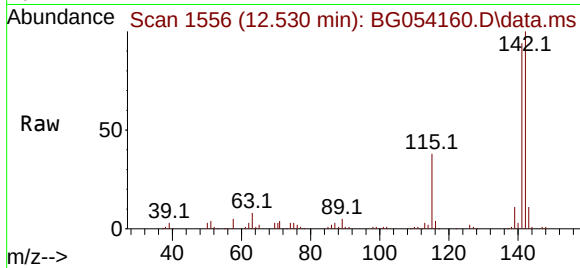
Tgt Ion:142 Resp: 142526

Ion Ratio Lower Upper

142 100

141 93.7 72.3 108.5

115 37.6 33.7 50.5



#38

1-Methylnaphthalene

Concen: 45.902 ng

RT: 12.747 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

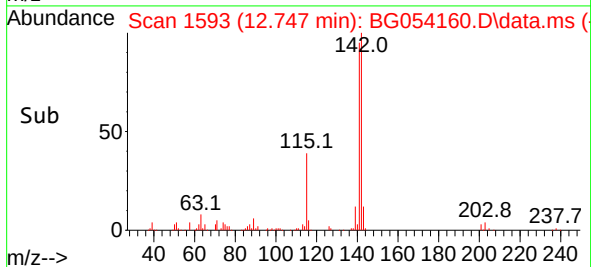
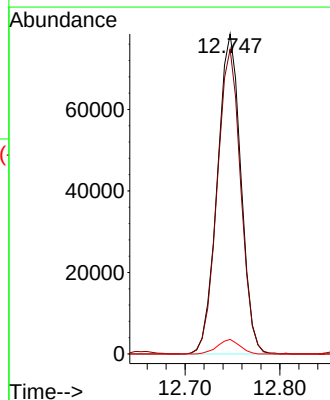
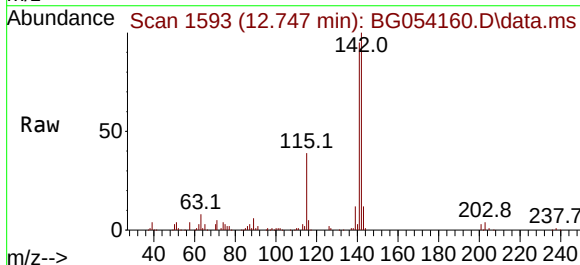
Tgt Ion:142 Resp: 135431

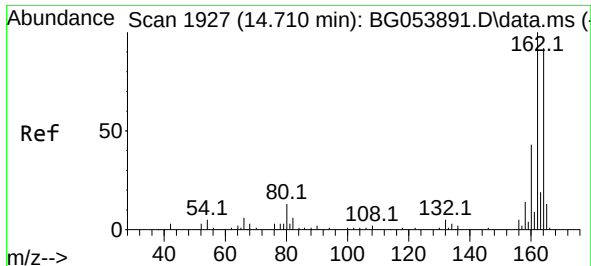
Ion Ratio Lower Upper

142 100

141 95.3 76.4 114.6

116 4.5 3.3 4.9

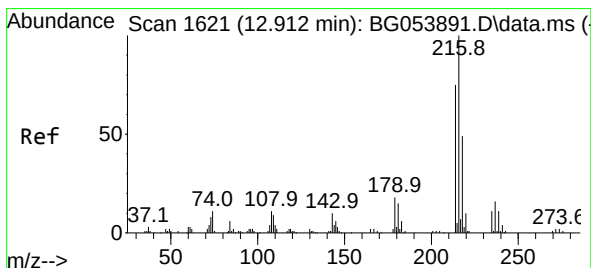
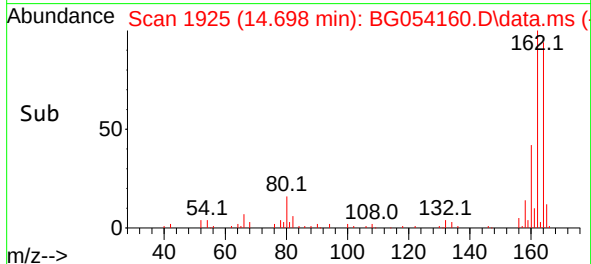
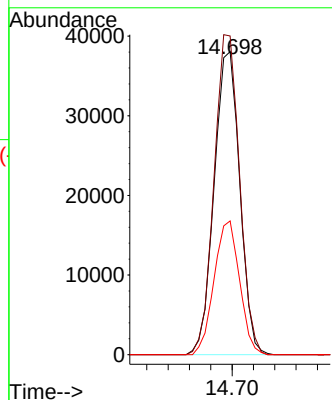
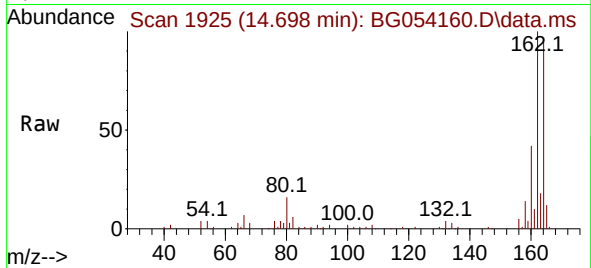




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

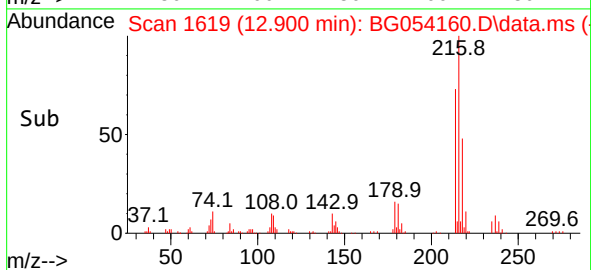
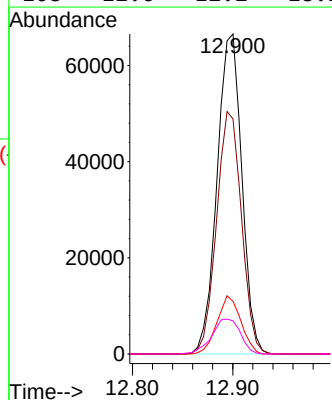
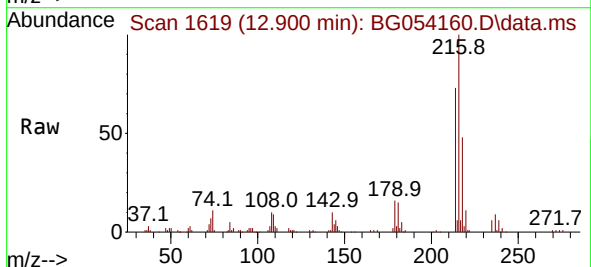
Instrument :
BNA_G
ClientSampleId :
R-1MSD

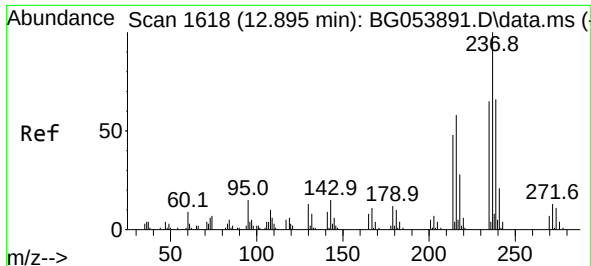
Tgt Ion:164 Resp: 63399
Ion Ratio Lower Upper
164 100
162 105.1 82.3 123.5
160 44.1 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.681 ng
RT: 12.900 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:216 Resp: 114037
Ion Ratio Lower Upper
216 100
214 76.1 62.9 94.3
179 17.5 16.1 24.1
108 12.6 12.2 18.2

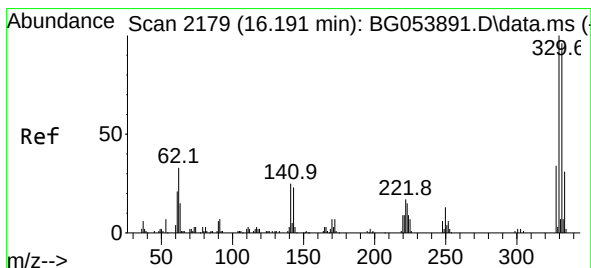
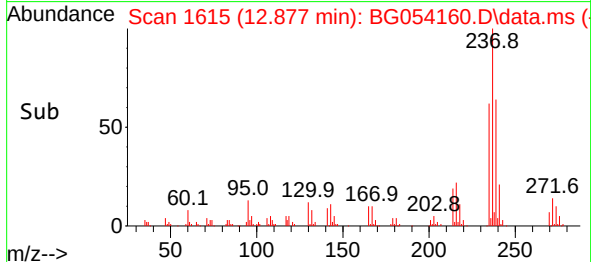
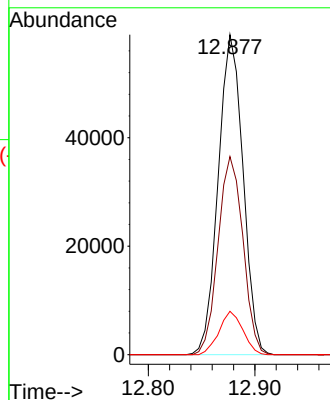
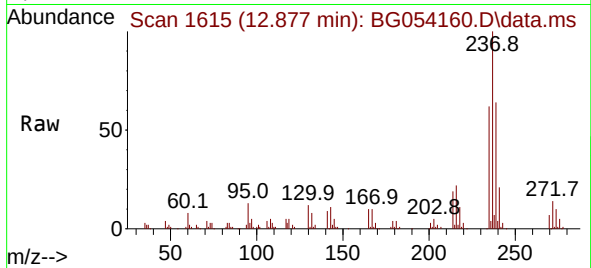




#41
Hexachlorocyclopentadiene
Concen: 83.816 ng
RT: 12.877 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

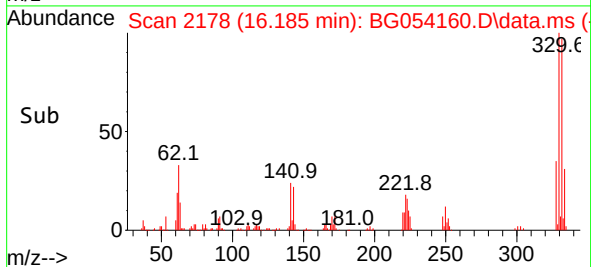
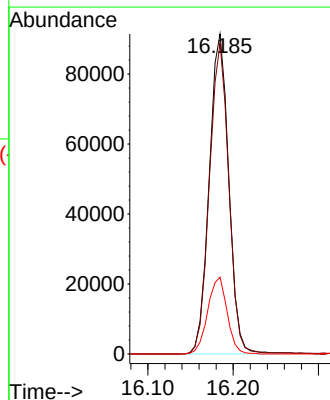
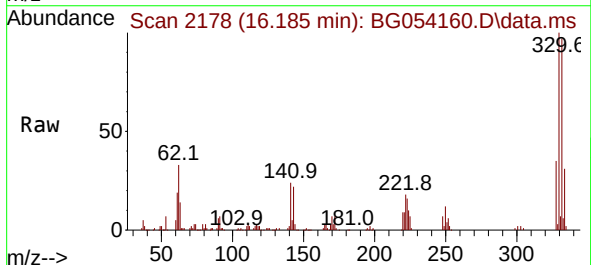
Instrument :
BNA_G
ClientSampleId :
R-1MSD

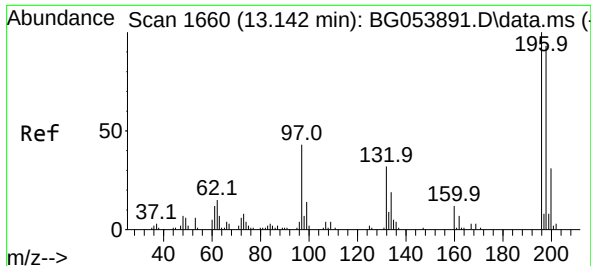
Tgt Ion:237 Resp: 95343
Ion Ratio Lower Upper
237 100
235 61.9 43.5 83.5
272 13.5 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 142.675 ng
RT: 16.185 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:330 Resp: 145331
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 23.8 27.1 40.7#

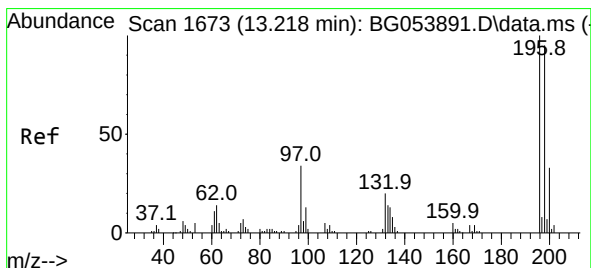
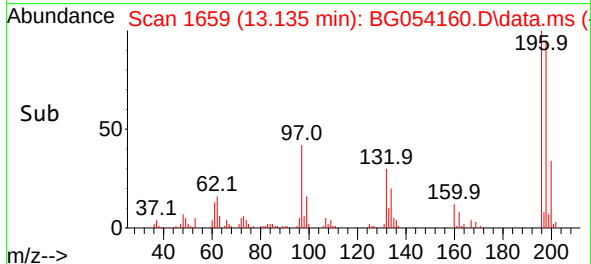
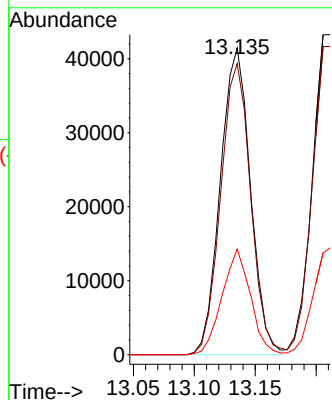
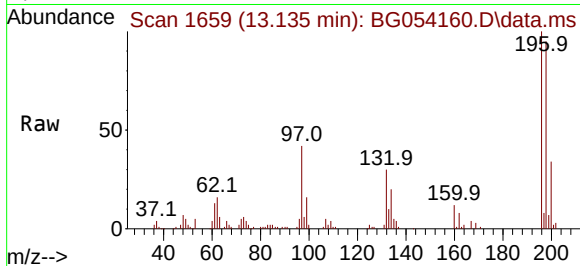




#43
 2,4,6-Trichlorophenol
 Concen: 51.893 ng
 RT: 13.135 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BG054160.D
 Acq: 30 Jun 2022 00:52

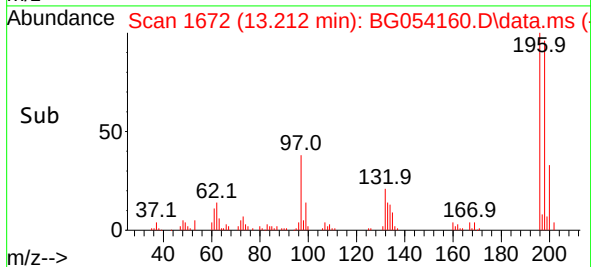
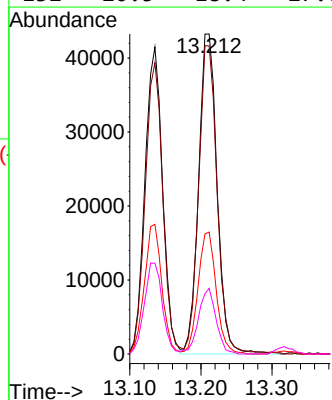
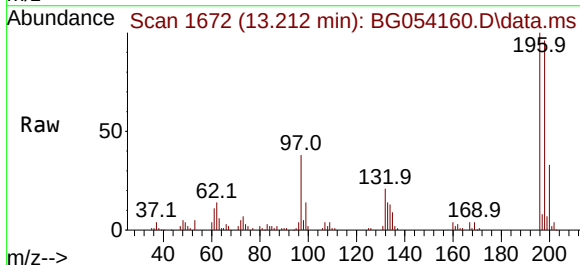
Instrument :
 BNA_G
 ClientSampleId :
 R-1MSD

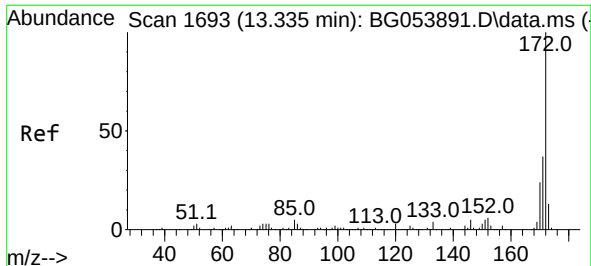
Tgt Ion:196 Resp: 71210
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.1 111.1
 200 34.4 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 51.415 ng
 RT: 13.212 min Scan# 1672
 Delta R.T. 0.006 min
 Lab File: BG054160.D
 Acq: 30 Jun 2022 00:52

Tgt Ion:196 Resp: 78778
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.8 115.2
 97 38.1 39.8 59.6#
 132 20.5 18.4 27.6

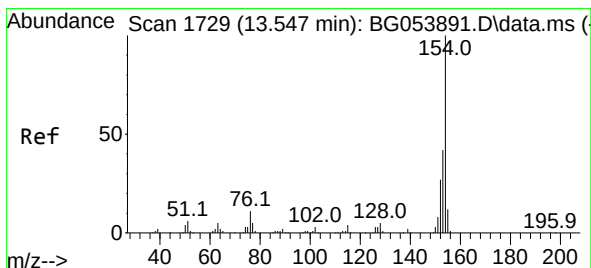
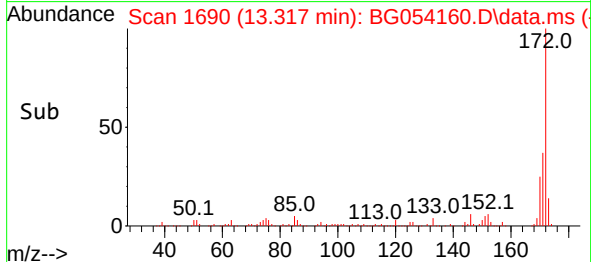
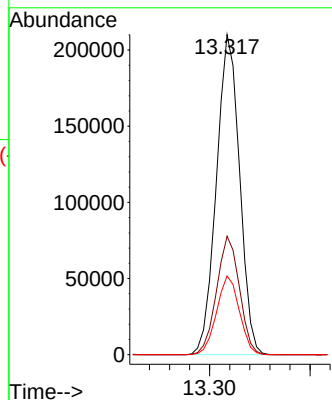
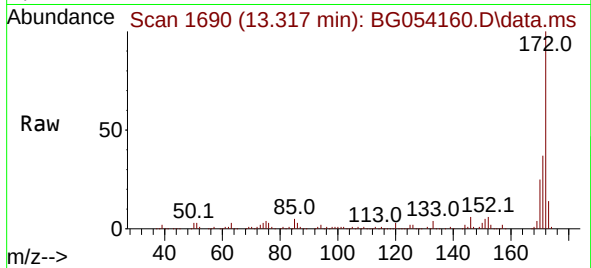




#45
2-Fluorobiphenyl
Concen: 77.239 ng
RT: 13.317 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

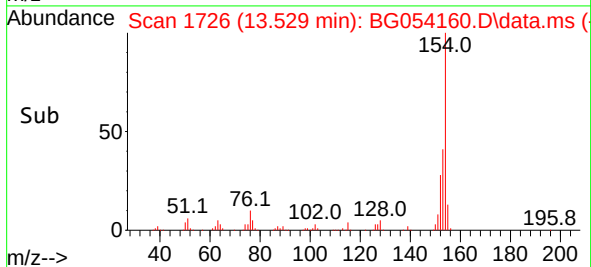
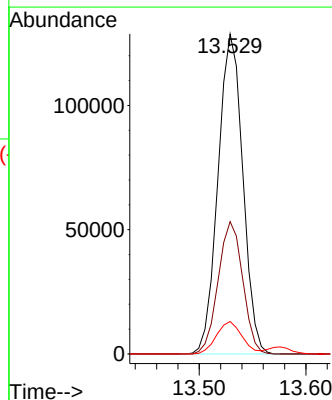
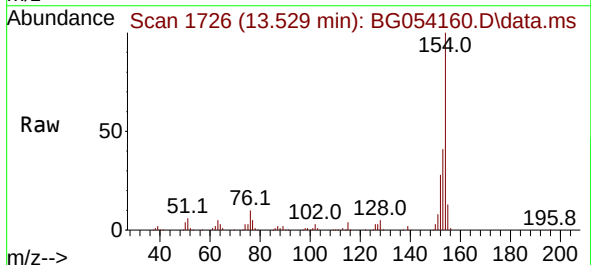
Instrument :
BNA_G
ClientSampleId :
R-1MSD

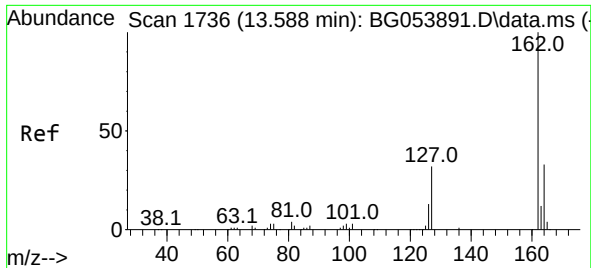
Tgt Ion:172 Resp: 336754
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 46.982 ng
RT: 13.529 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:154 Resp: 207477
Ion Ratio Lower Upper
154 100
153 41.3 21.6 61.6
76 10.1 0.0 32.6

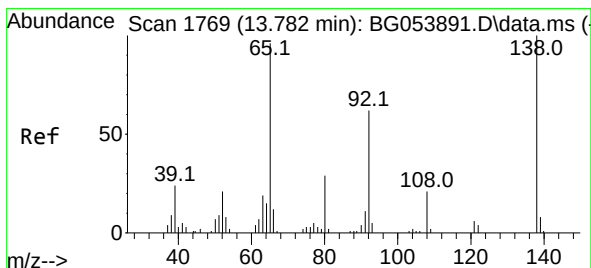
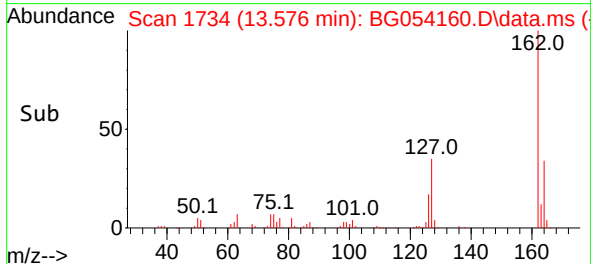
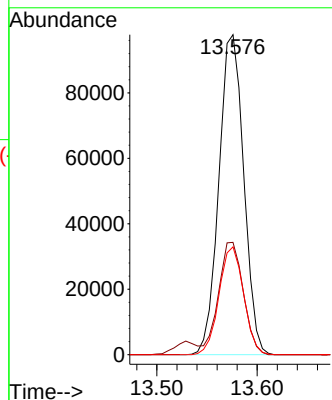
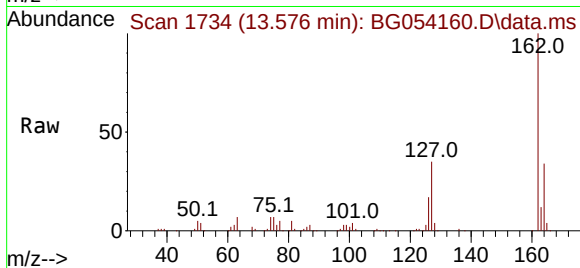




#47
2-Chloronaphthalene
Concen: 46.960 ng
RT: 13.576 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

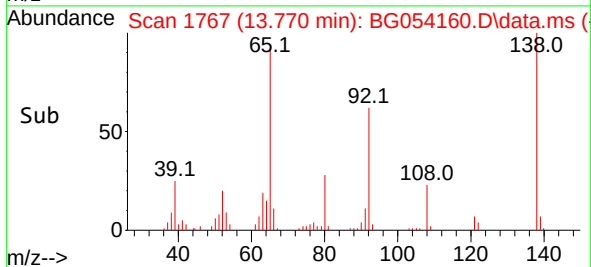
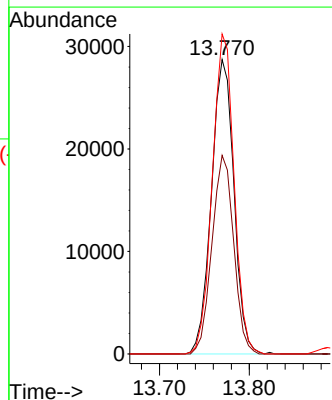
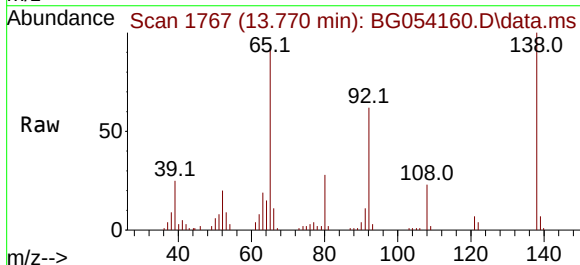
Instrument :
BNA_G
ClientSampleId :
R-1MSD

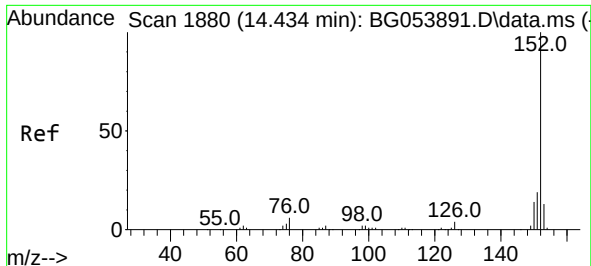
Tgt Ion:162 Resp: 167832
Ion Ratio Lower Upper
162 100
127 35.1 30.6 45.8
164 33.7 26.5 39.7



#48
2-Nitroaniline
Concen: 52.552 ng
RT: 13.770 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion: 65 Resp: 49961
Ion Ratio Lower Upper
65 100
92 67.4 51.5 77.3
138 108.7 71.3 106.9#

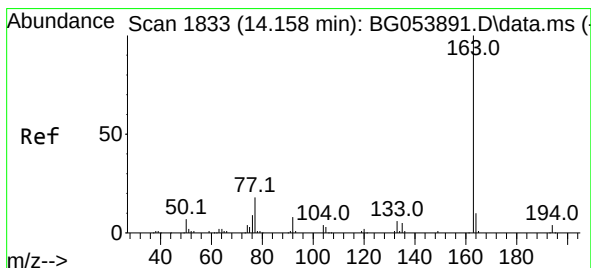
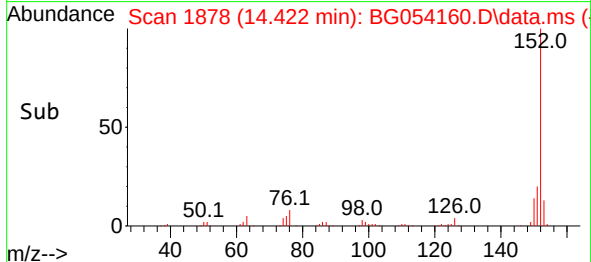
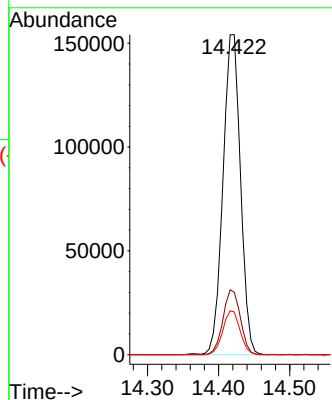
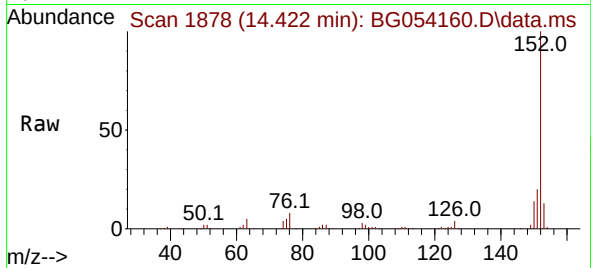




#49
Acenaphthylene
Concen: 47.350 ng
RT: 14.422 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

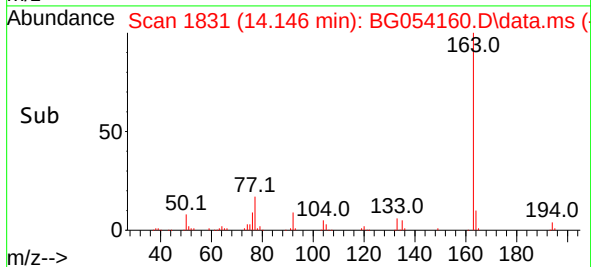
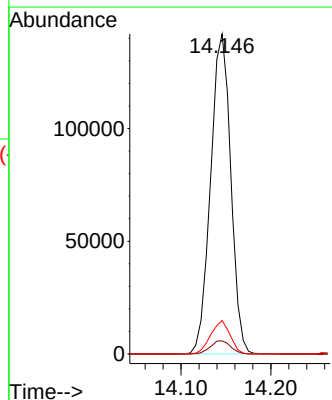
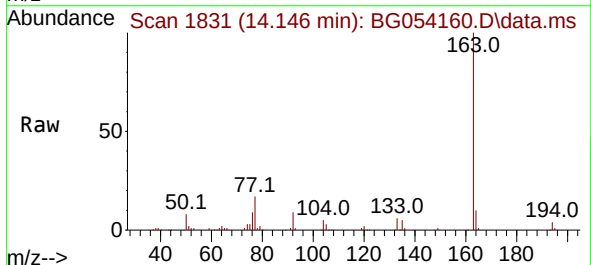
Instrument :
BNA_G
ClientSampleId :
R-1MSD

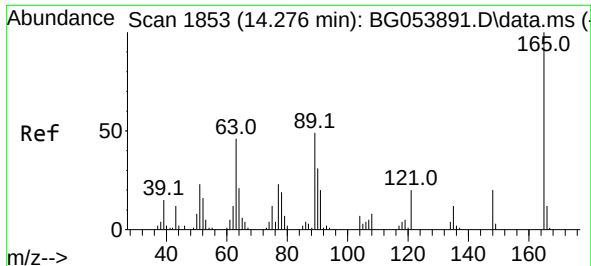
Tgt Ion:152 Resp: 263141
Ion Ratio Lower Upper
152 100
151 19.5 16.4 24.6
153 13.4 10.8 16.2



#50
Dimethylphthalate
Concen: 45.828 ng
RT: 14.146 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:163 Resp: 221275
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.5 8.0 12.0

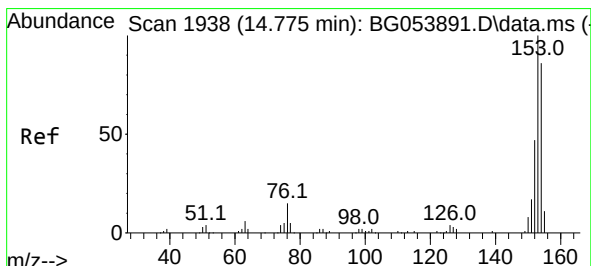
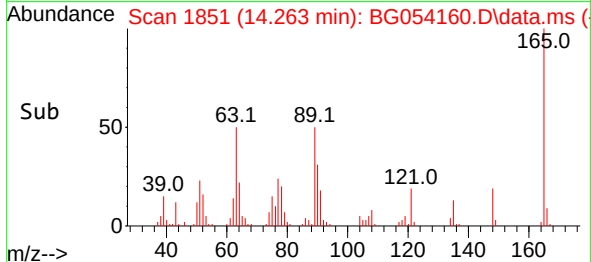
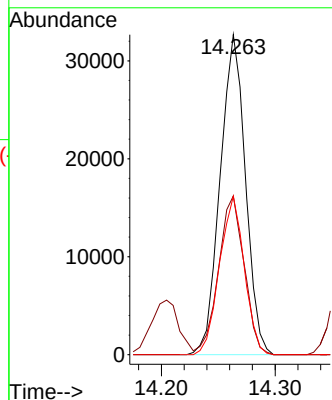
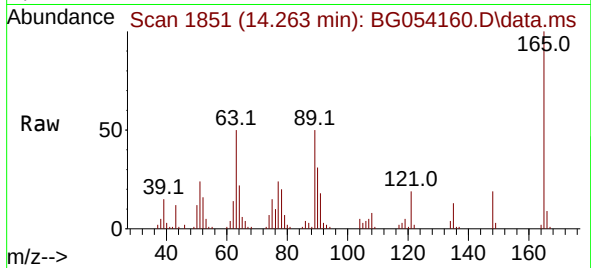




#51
2,6-Dinitrotoluene
Concen: 51.739 ng
RT: 14.263 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

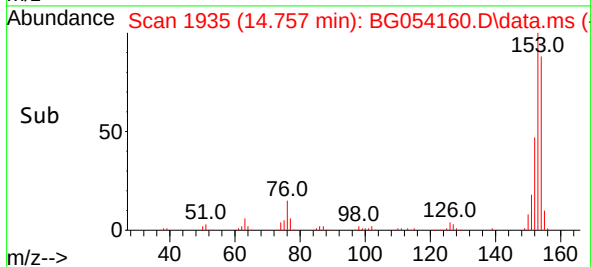
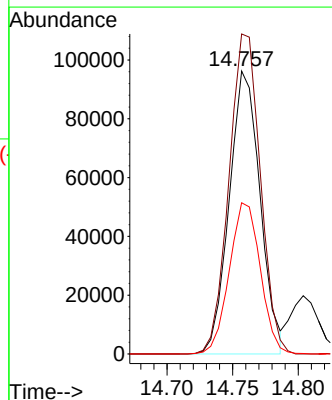
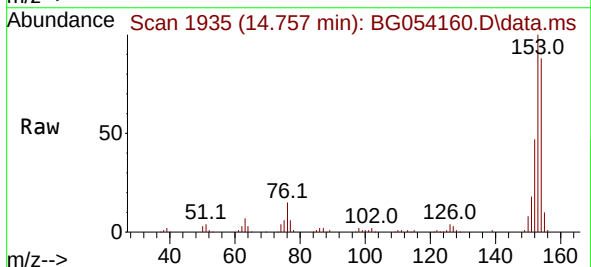
Instrument :
BNA_G
ClientSampleId :
R-1MSD

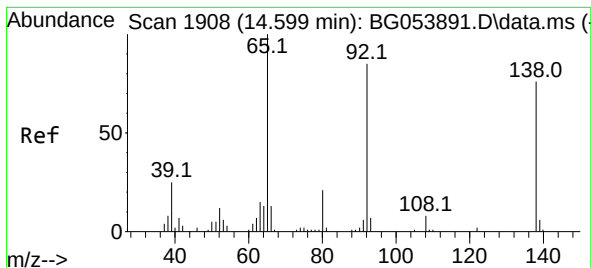
Tgt Ion:165 Resp: 50473
Ion Ratio Lower Upper
165 100
63 49.6 54.1 81.1#
89 49.5 54.8 82.2#



#52
Acenaphthene
Concen: 44.528 ng
RT: 14.757 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:154 Resp: 157739
Ion Ratio Lower Upper
154 100
153 113.1 92.7 139.1
152 53.4 42.6 64.0





#53

3-Nitroaniline

Concen: 33.337 ng

RT: 14.592 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

Instrument :

BNA_G

ClientSampleId :

R-1MSD

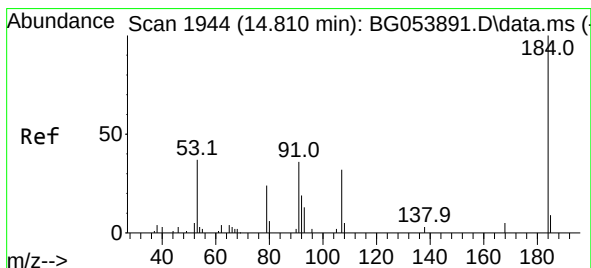
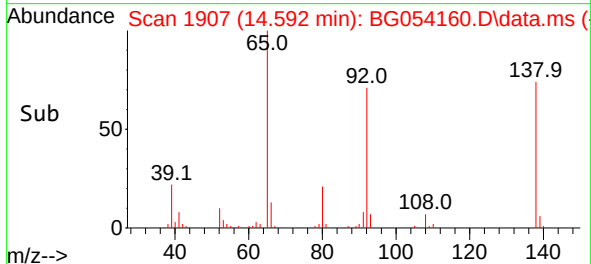
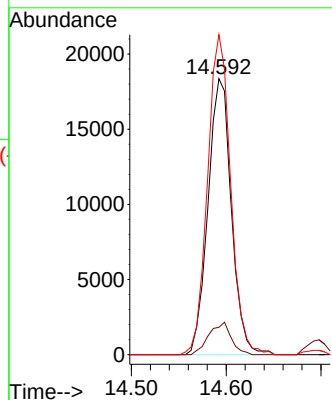
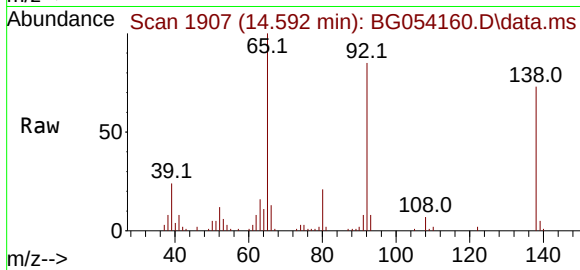
Tgt Ion:138 Resp: 31507

Ion Ratio Lower Upper

138 100

108 9.9 9.2 13.8

92 115.9 101.9 152.9



#54

2,4-Dinitrophenol

Concen: 99.111 ng

RT: 14.804 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

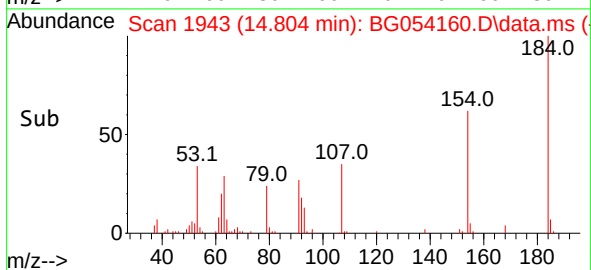
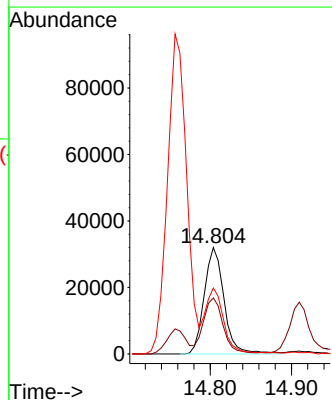
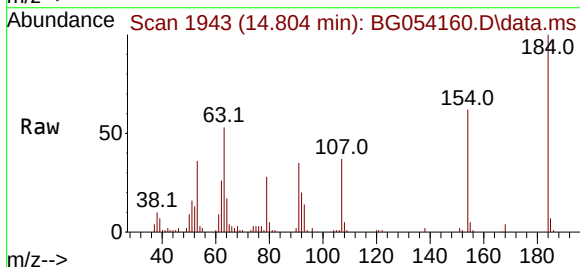
Tgt Ion:184 Resp: 54344

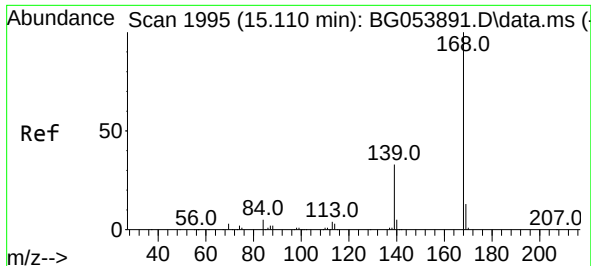
Ion Ratio Lower Upper

184 100

63 52.7 61.1 91.7#

154 62.0 60.6 91.0

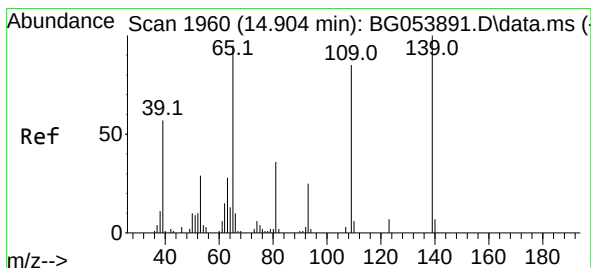
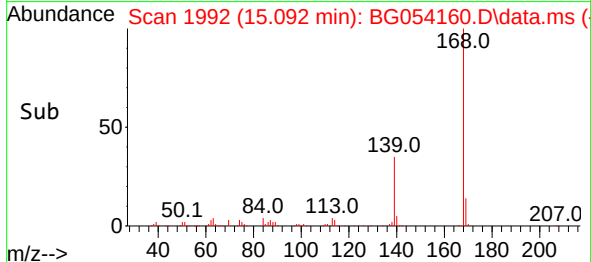
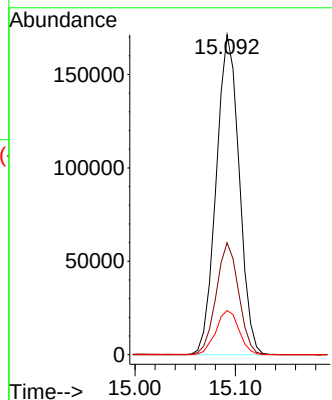
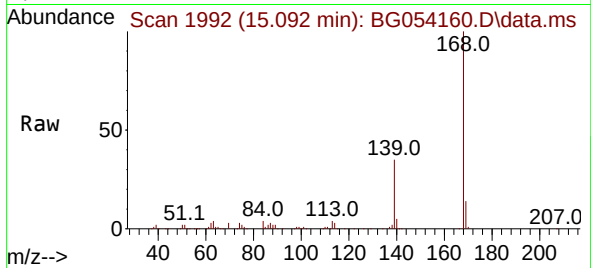




#55
Dibenzenofuran
Concen: 47.634 ng
RT: 15.092 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

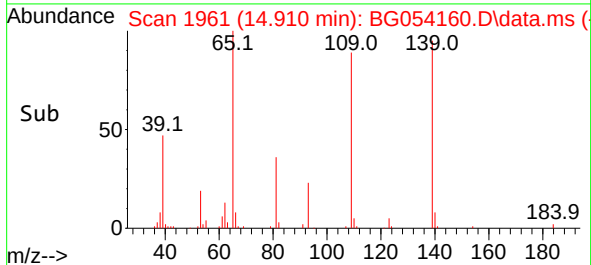
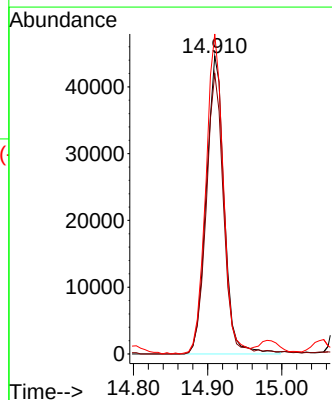
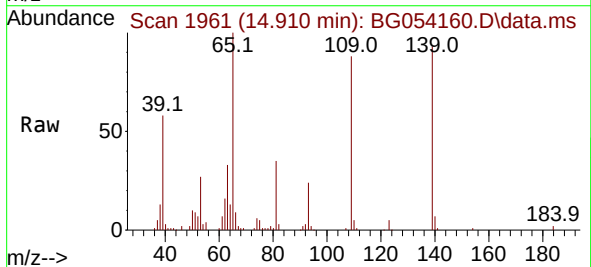
Instrument :
BNA_G
ClientSampleId :
R-1MSD

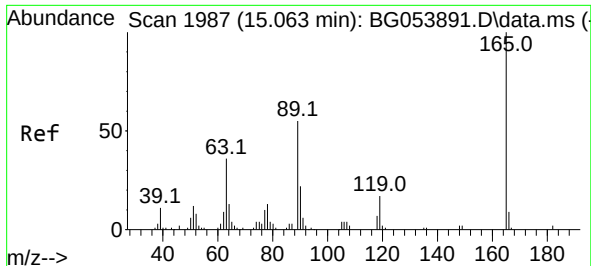
Tgt Ion:168 Resp: 271873
Ion Ratio Lower Upper
168 100
139 35.0 30.5 45.7
169 13.8 10.3 15.5



#56
4-Nitrophenol
Concen: 111.412 ng
RT: 14.910 min Scan# 1961
Delta R.T. 0.012 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:139 Resp: 74757
Ion Ratio Lower Upper
139 100
109 94.1 88.5 128.5
65 107.4 93.9 133.9

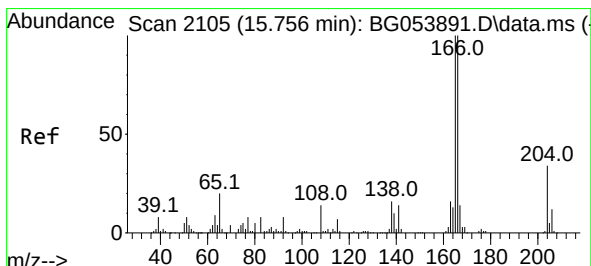
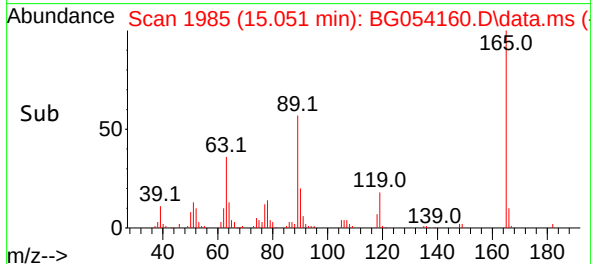
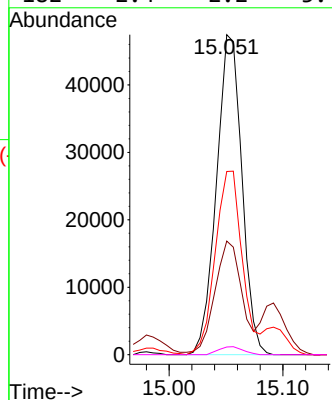
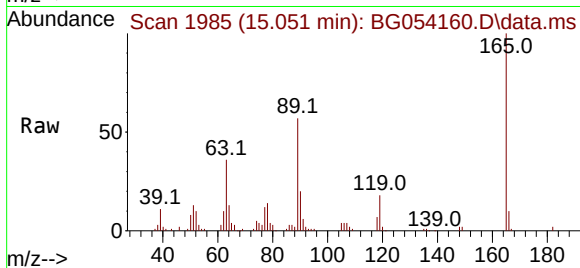




#57
2,4-Dinitrotoluene
Concen: 53.645 ng
RT: 15.051 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

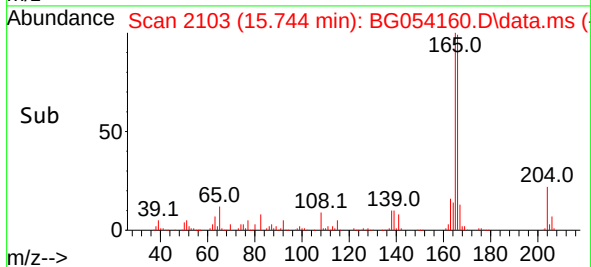
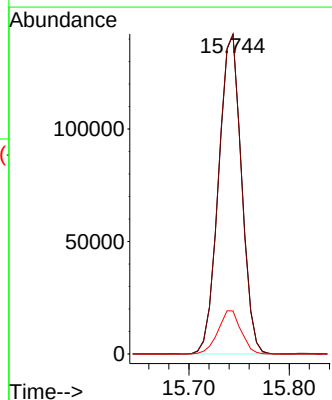
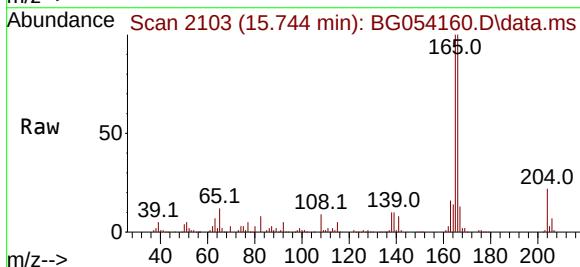
Instrument :
BNA_G
ClientSampleId :
R-1MSD

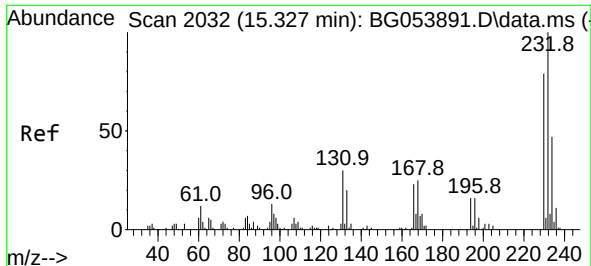
Tgt Ion:165 Resp: 73909
Ion Ratio Lower Upper
165 100
63 35.5 34.6 52.0
89 57.3 60.3 90.5#
182 2.4 2.2 3.4



#58
Fluorene
Concen: 47.954 ng
RT: 15.744 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:166 Resp: 224720
Ion Ratio Lower Upper
166 100
165 100.2 75.0 112.6
167 13.5 10.8 16.2

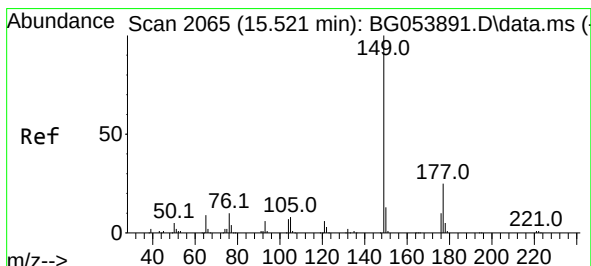
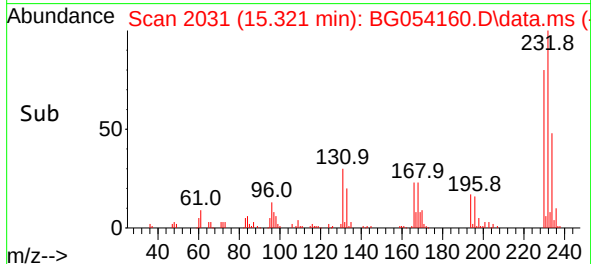
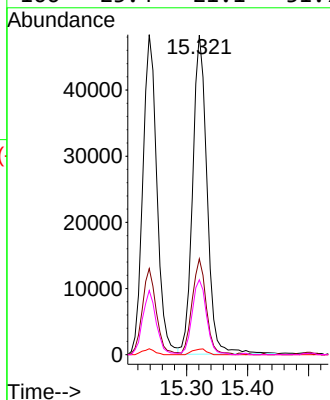
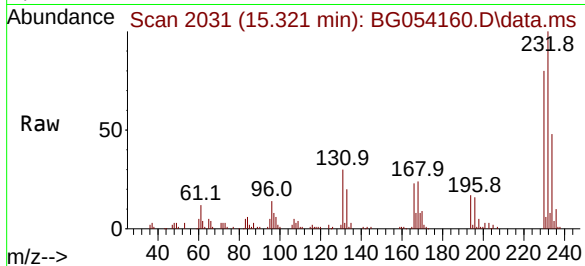




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.639 ng
RT: 15.321 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

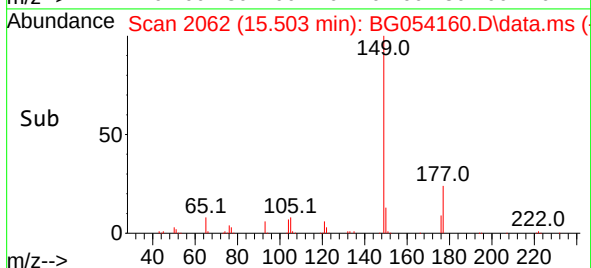
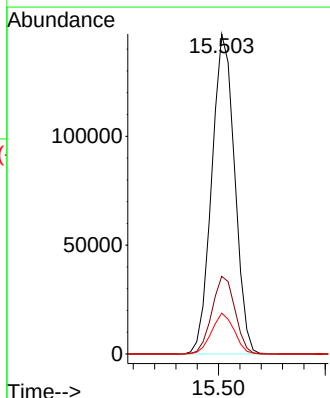
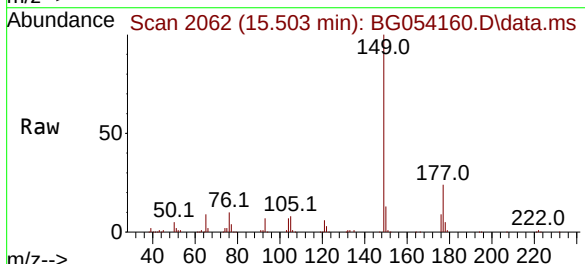
Instrument :
BNA_G
ClientSampleId :
R-1MSD

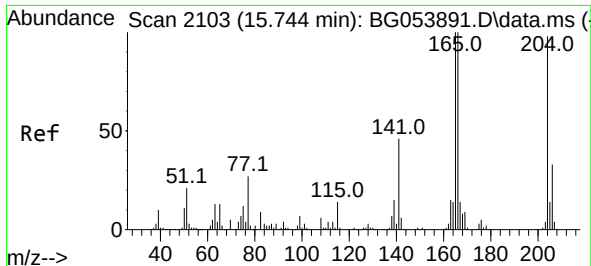
Tgt Ion:232 Resp: 78874
Ion Ratio Lower Upper
232 100
131 29.4 30.6 46.0#
130 1.7 1.8 2.8#
166 23.4 21.1 31.7



#60
Diethylphthalate
Concen: 46.799 ng
RT: 15.503 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:149 Resp: 218831
Ion Ratio Lower Upper
149 100
177 24.3 18.4 27.6
150 12.7 11.2 16.8

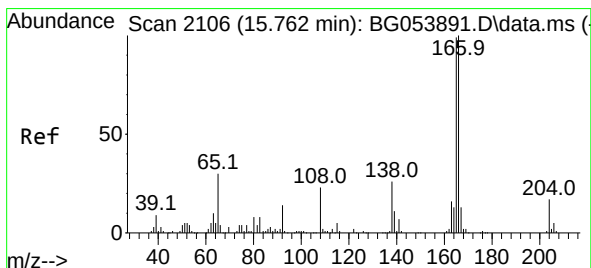
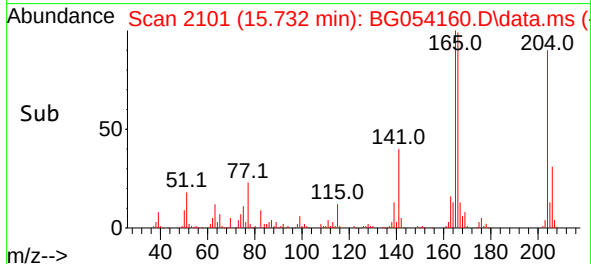
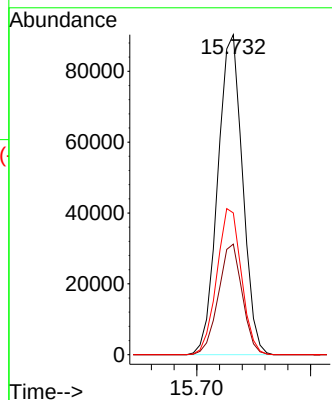
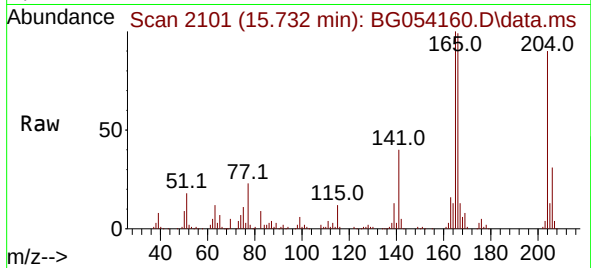




#61
4-Chlorophenyl-phenylether
Concen: 48.758 ng
RT: 15.732 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

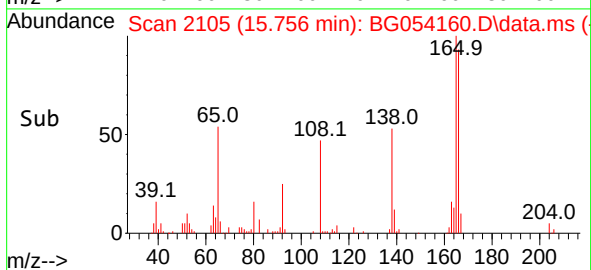
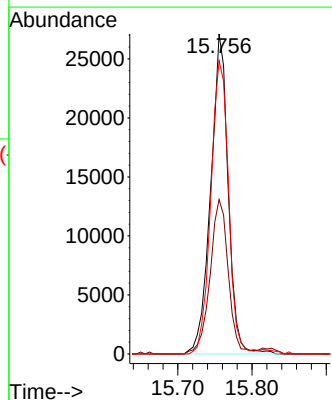
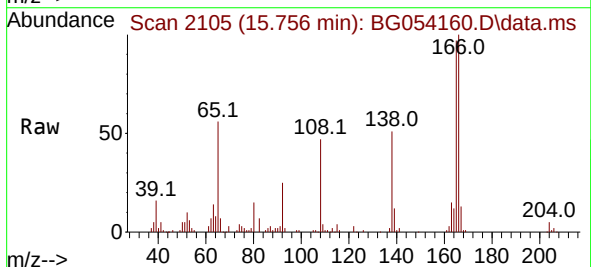
Instrument :
BNA_G
ClientSampleId :
R-1MSD

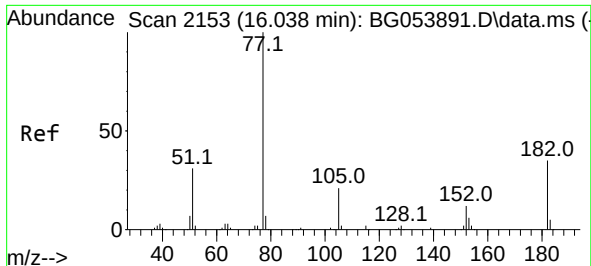
Tgt Ion:204 Resp: 136792
Ion Ratio Lower Upper
204 100
206 34.6 27.5 41.3
141 44.3 45.3 67.9#



#62
4-Nitroaniline
Concen: 44.990 ng
RT: 15.756 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:138 Resp: 44343
Ion Ratio Lower Upper
138 100
92 48.3 40.5 80.5
108 91.7 103.7 143.7#

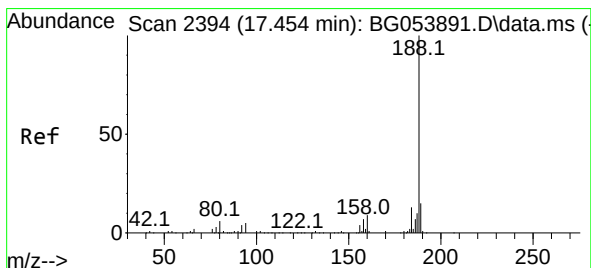
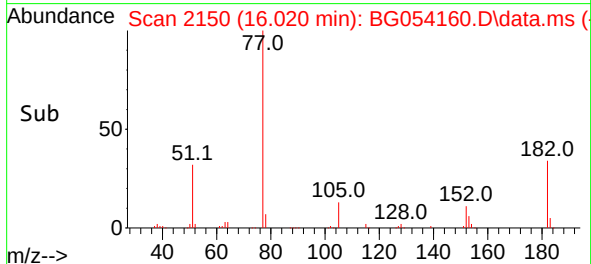
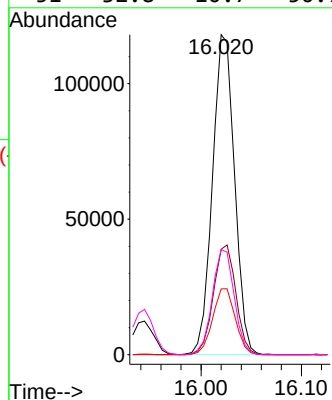
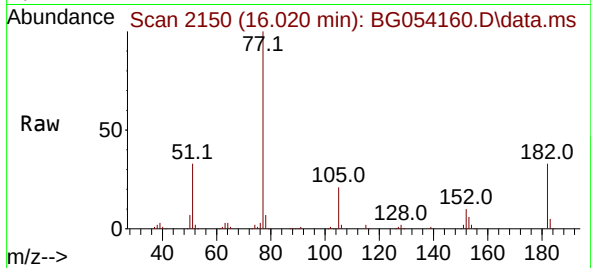




#63
Azobenzene
Concen: 47.996 ng
RT: 16.020 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

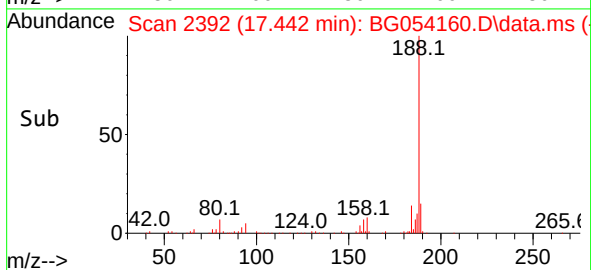
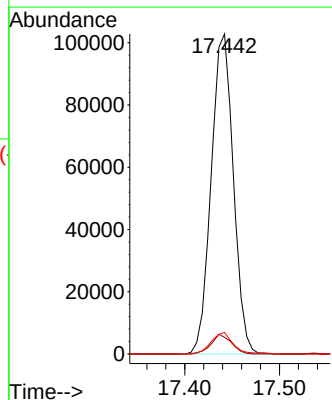
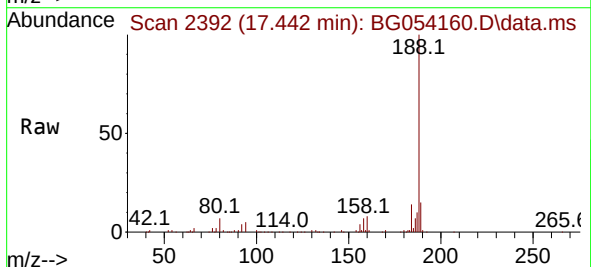
Instrument :
BNA_G
ClientSampleId :
R-1MSD

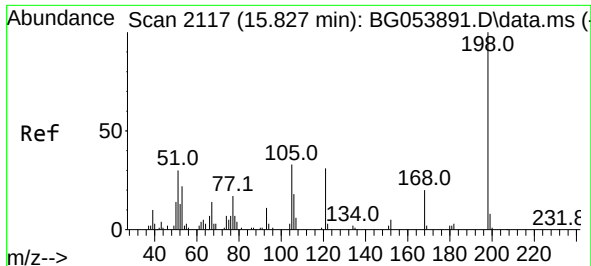
Tgt Ion: 77	Resp: 180651
Ion Ratio	Lower Upper
77 100	
182 32.9	3.8 43.8
105 20.6	0.0 37.8
51 32.8	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:188	Resp: 167245
Ion Ratio	Lower Upper
188 100	
94 5.2	5.4 8.0#
80 6.7	6.8 10.2#

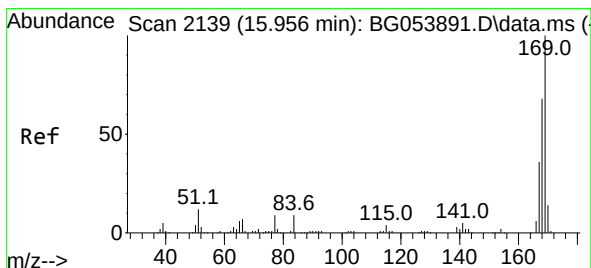
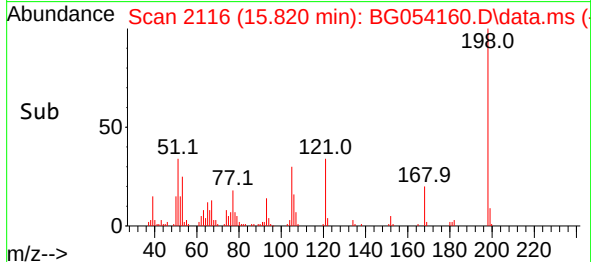
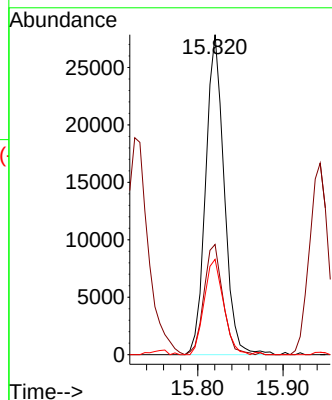
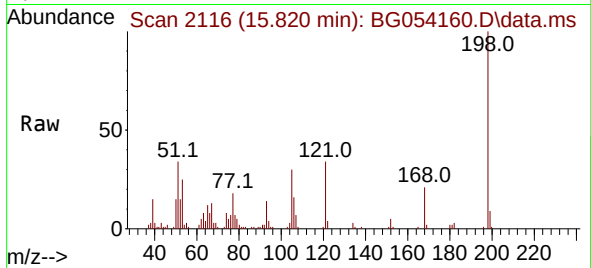




#65
4,6-Dinitro-2-methylphenol
Concen: 50.263 ng
RT: 15.820 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

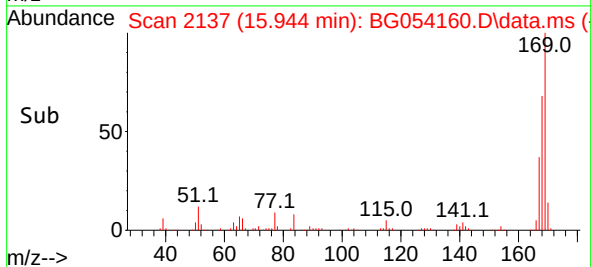
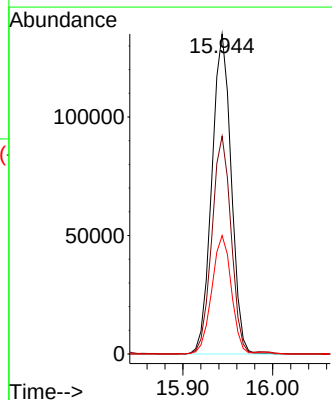
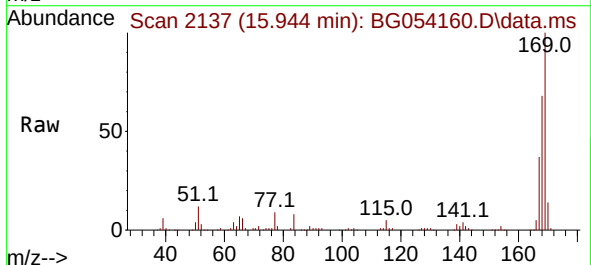
Instrument :
BNA_G
ClientSampleId :
R-1MSD

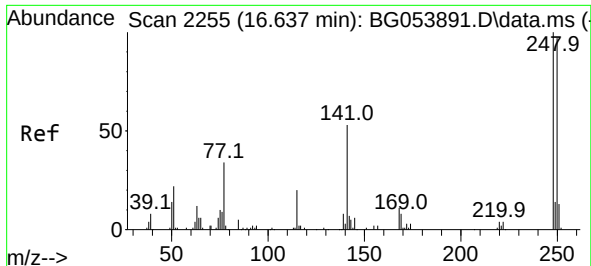
Tgt Ion:198 Resp: 41939
Ion Ratio Lower Upper
198 100
51 34.4 28.1 68.1
105 29.8 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 46.389 ng
RT: 15.944 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:169 Resp: 202197
Ion Ratio Lower Upper
169 100
168 68.0 55.9 83.9
167 37.0 30.6 46.0

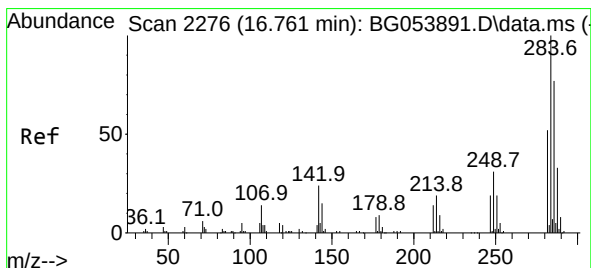
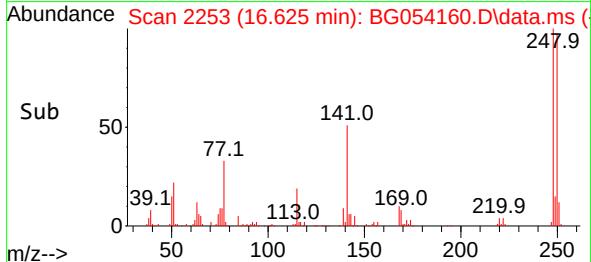
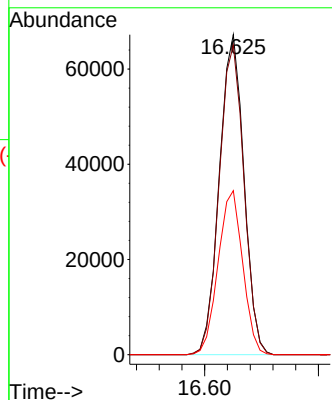
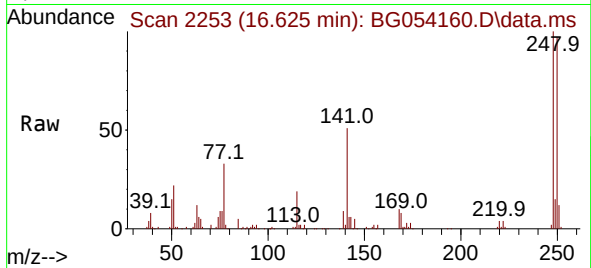




#67
4-Bromophenyl-phenylether
Concen: 48.275 ng
RT: 16.625 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

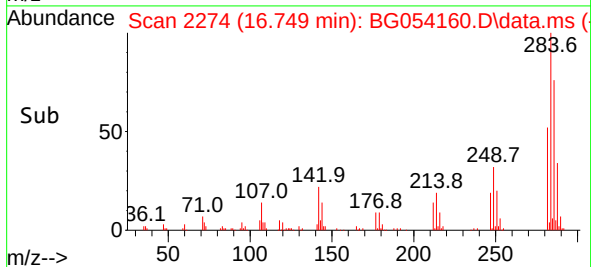
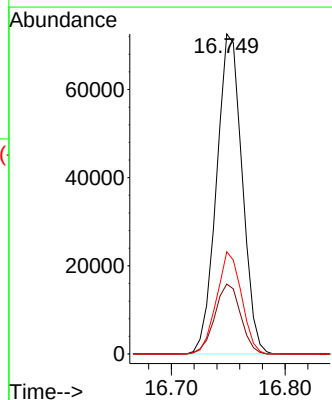
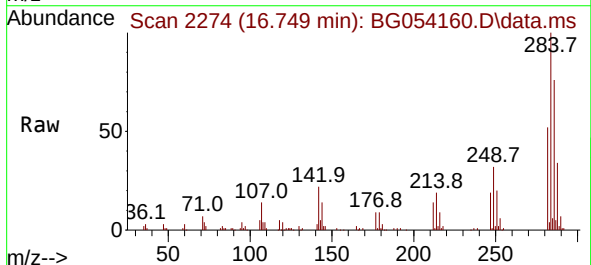
Instrument :
BNA_G
ClientSampleId :
R-1MSD

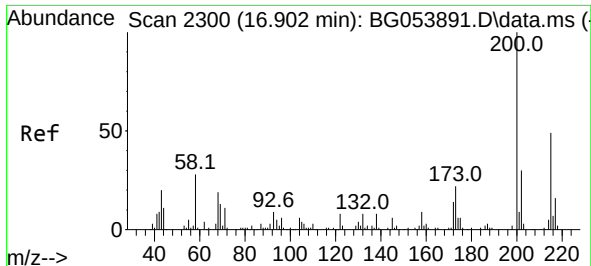
Tgt Ion:248 Resp: 100838
Ion Ratio Lower Upper
248 100
250 96.7 75.2 112.8
141 51.3 50.0 75.0



#68
Hexachlorobenzene
Concen: 47.590 ng
RT: 16.749 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:284 Resp: 113711
Ion Ratio Lower Upper
284 100
142 21.8 23.6 35.4#
249 32.0 25.8 38.6

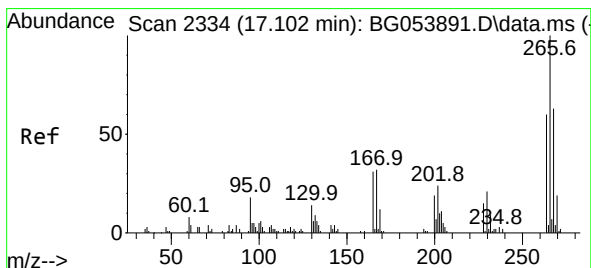
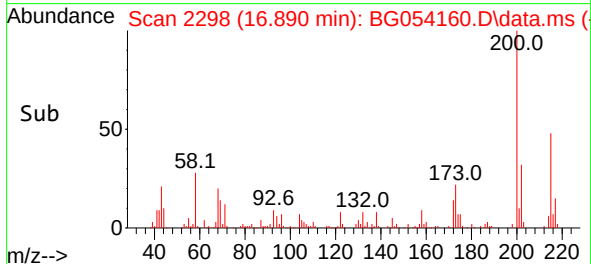
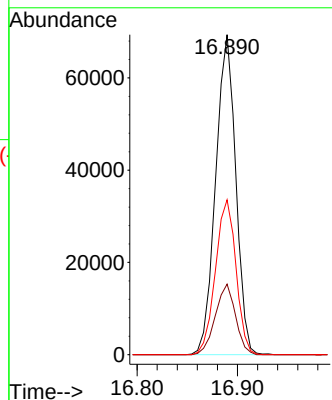
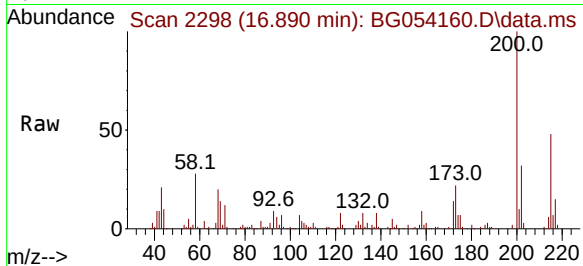




#69
 Atrazine
 Concen: 53.465 ng
 RT: 16.890 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054160.D
 Acq: 30 Jun 2022 00:52

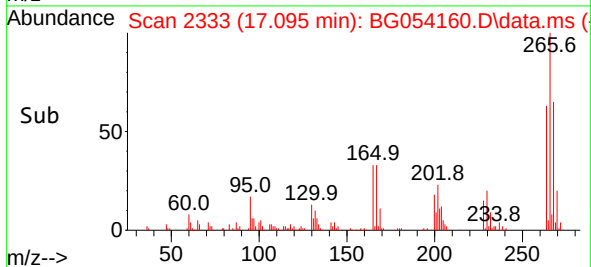
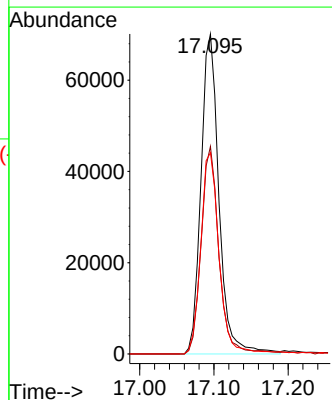
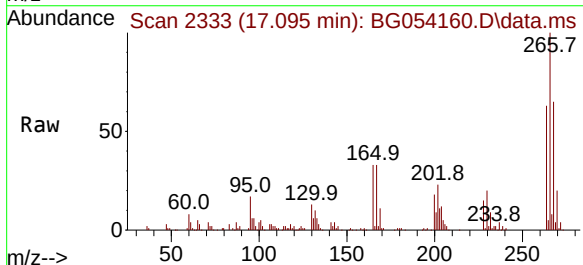
Instrument :
 BNA_G
 ClientSampleId :
 R-1MSD

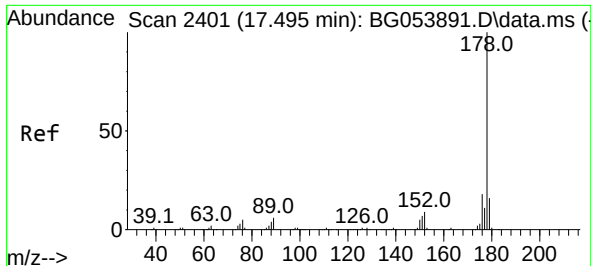
Tgt Ion:200 Resp: 96537
 Ion Ratio Lower Upper
 200 100
 173 22.0 3.7 43.7
 215 48.4 25.2 65.2



#70
 Pentachlorophenol
 Concen: 106.696 ng
 RT: 17.095 min Scan# 2333
 Delta R.T. 0.000 min
 Lab File: BG054160.D
 Acq: 30 Jun 2022 00:52

Tgt Ion:266 Resp: 118422
 Ion Ratio Lower Upper
 266 100
 268 64.9 56.2 84.2
 264 67.7 53.0 79.4

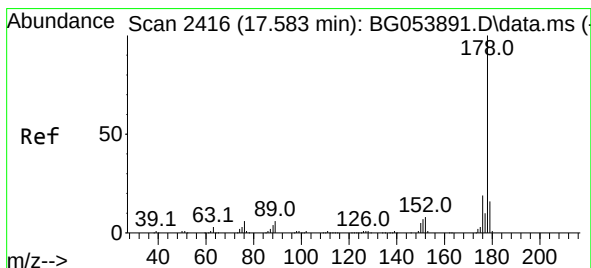
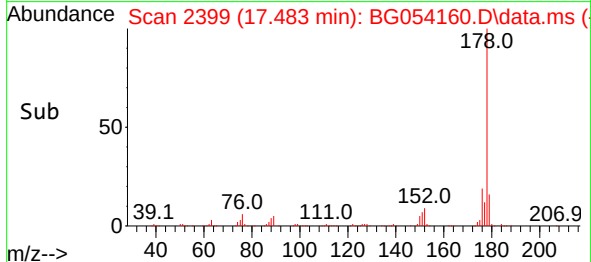
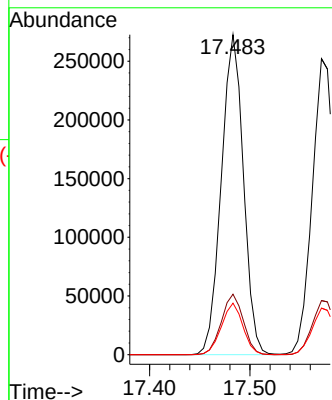
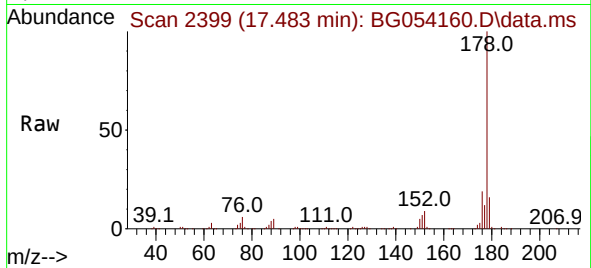




#71
Phenanthrene
Concen: 48.532 ng
RT: 17.483 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

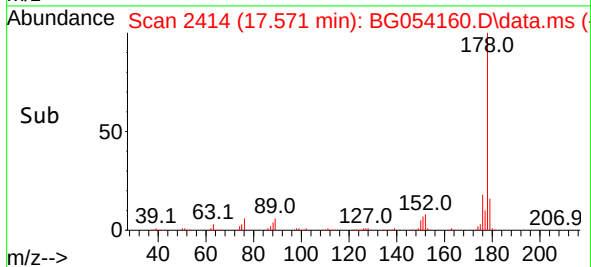
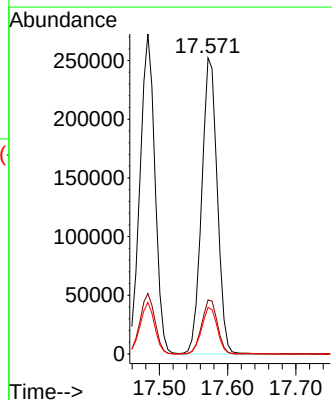
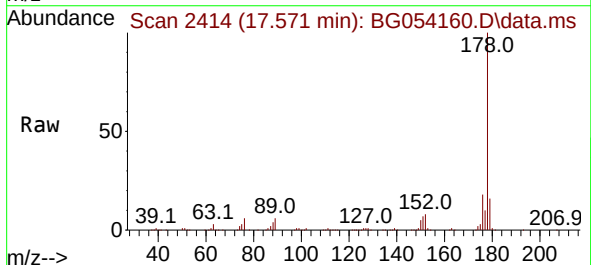
Instrument :
BNA_G
ClientSampleId :
R-1MSD

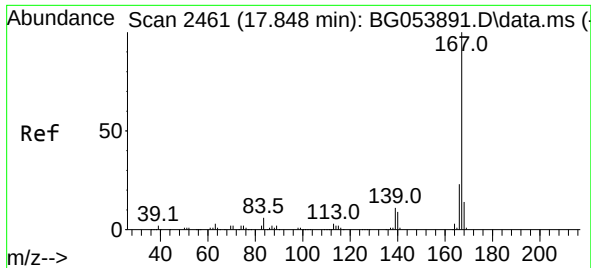
Tgt Ion:178 Resp: 417013
Ion Ratio Lower Upper
178 100
176 18.9 14.1 21.1
179 16.1 12.1 18.1



#72
Anthracene
Concen: 47.682 ng
RT: 17.571 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:178 Resp: 400088
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 15.7 13.0 19.4

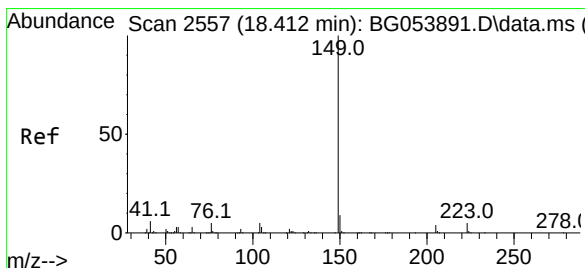
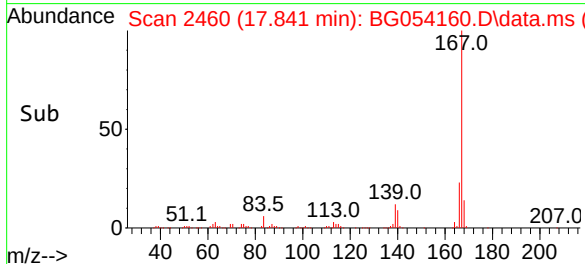
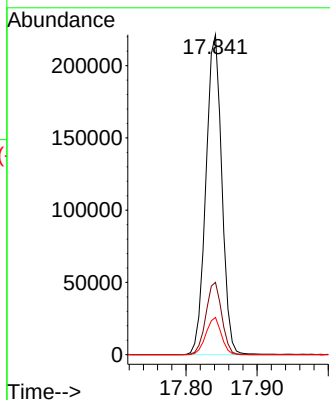
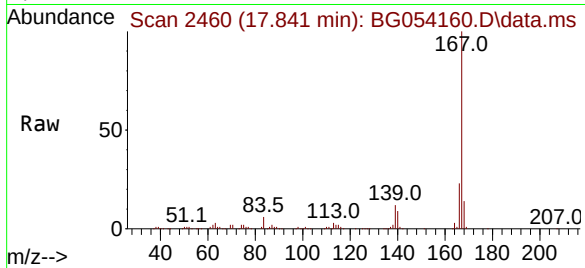




#73
 Carbazole
 Concen: 47.922 ng
 RT: 17.841 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BG054160.D
 Acq: 30 Jun 2022 00:52

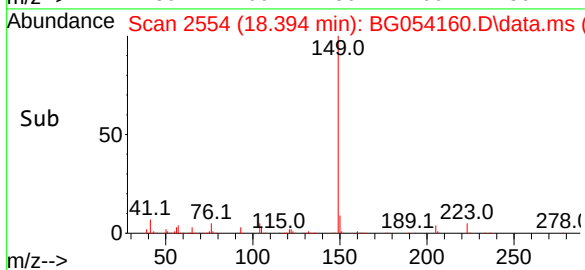
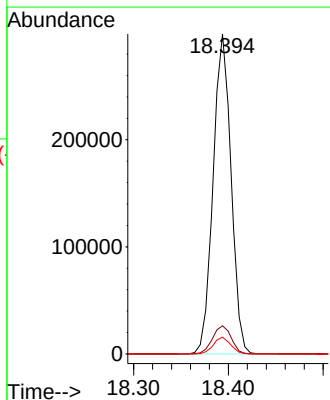
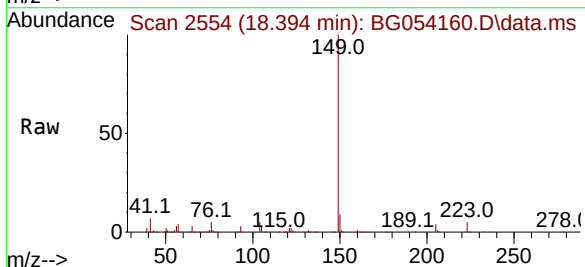
Instrument :
 BNA_G
 ClientSampleId :
 R-1MSD

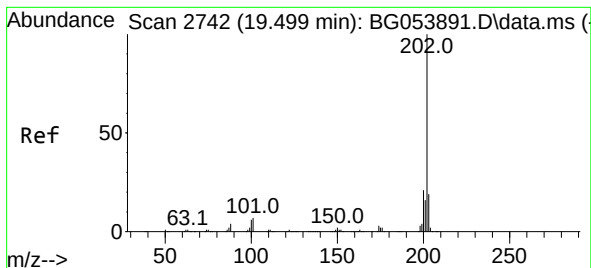
Tgt Ion:167 Resp: 345146
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 11.6 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 47.176 ng
 RT: 18.394 min Scan# 2554
 Delta R.T. -0.006 min
 Lab File: BG054160.D
 Acq: 30 Jun 2022 00:52

Tgt Ion:149 Resp: 392851
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.7 11.5
 104 5.3 5.4 8.0#





#75

Fluoranthene

Concen: 53.370 ng

RT: 19.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

Instrument :

BNA_G

ClientSampleId :

R-1MSD

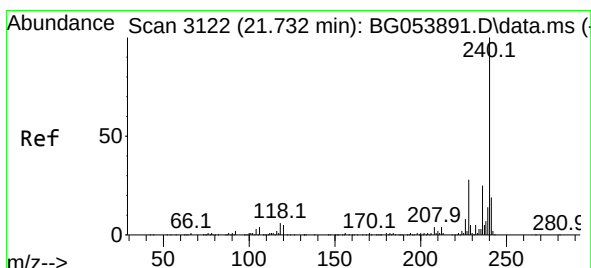
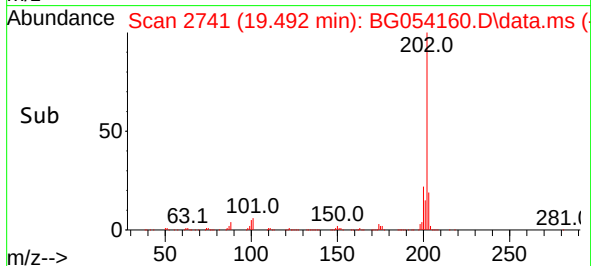
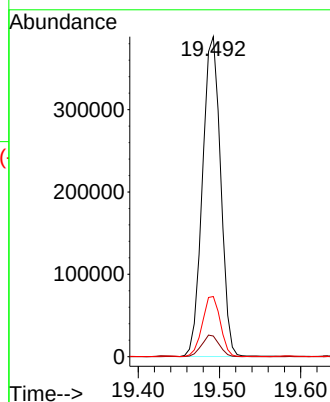
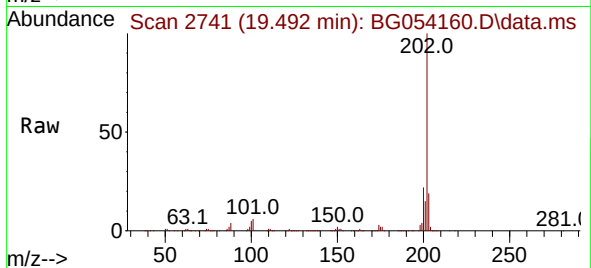
Tgt Ion:202 Resp: 601999

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.9

203 18.8 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.719 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

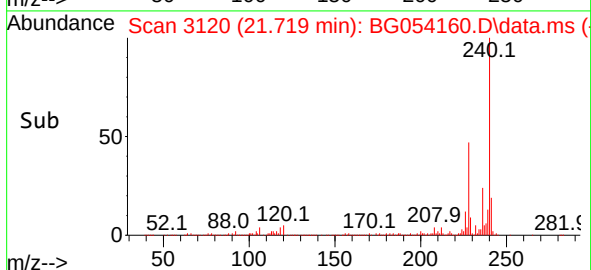
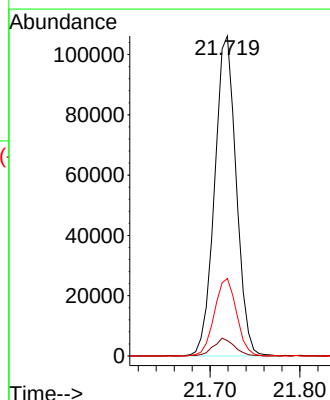
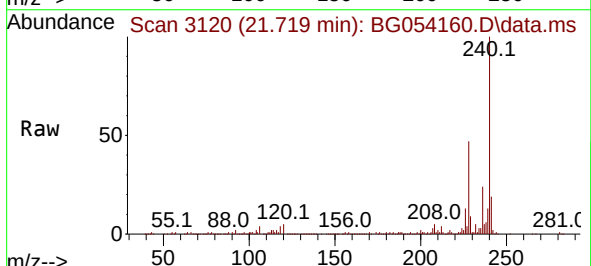
Tgt Ion:240 Resp: 177386

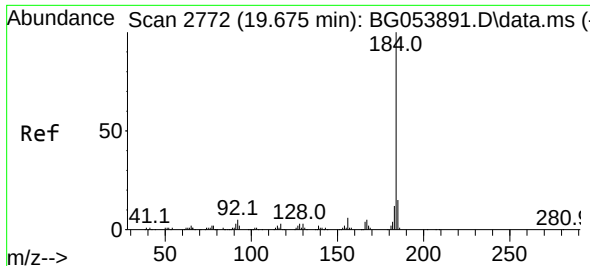
Ion Ratio Lower Upper

240 100

120 4.8 4.6 7.0

236 24.2 20.2 30.4

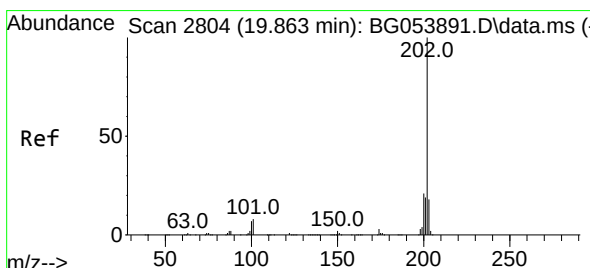
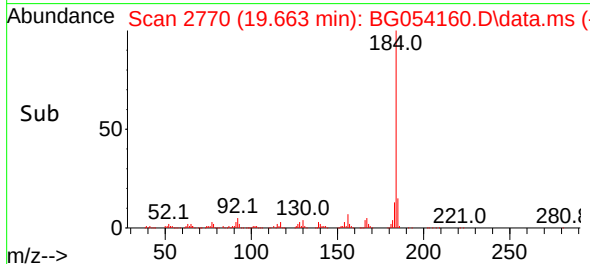
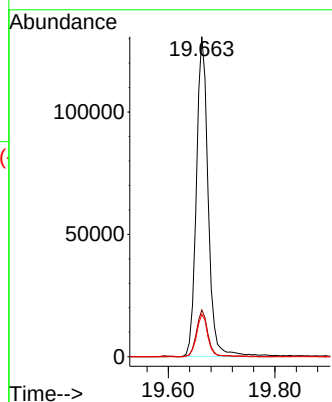
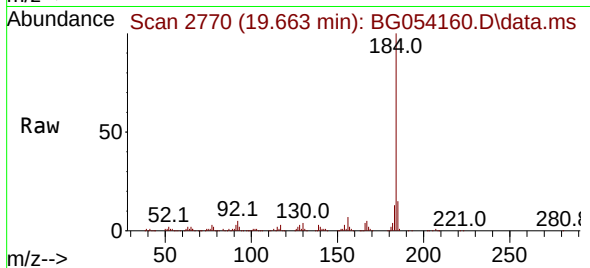




#77
Benzidine
Concen: 54.949 ng
RT: 19.663 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

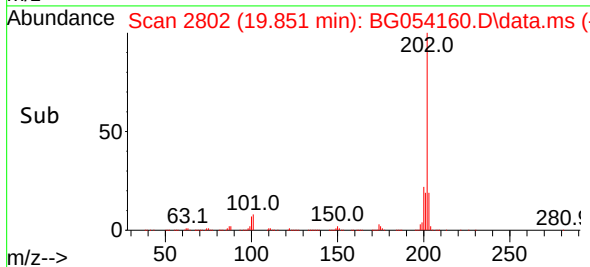
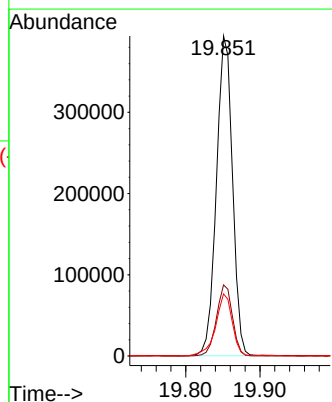
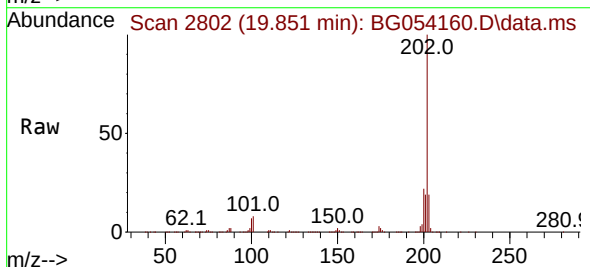
Instrument :
BNA_G
ClientSampleId :
R-1MSD

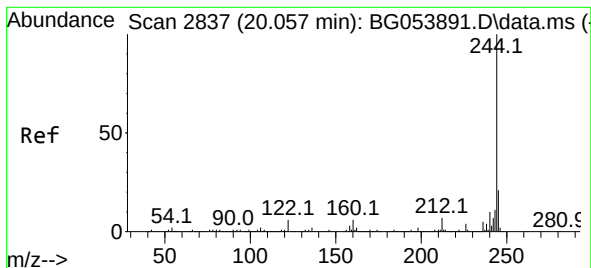
Tgt Ion:184 Resp: 201852
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 13.2 8.9 13.3



#78
Pyrene
Concen: 55.338 ng
RT: 19.851 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:202 Resp: 592876
Ion Ratio Lower Upper
202 100
200 22.2 16.6 24.8
203 19.4 14.6 21.8





#79

Terphenyl-d14

Concen: 78.751 ng

RT: 20.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

Instrument :

BNA_G

ClientSampleId :

R-1MSD

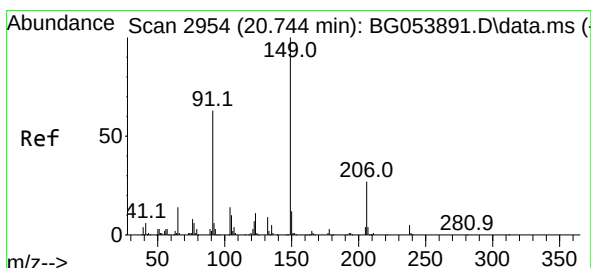
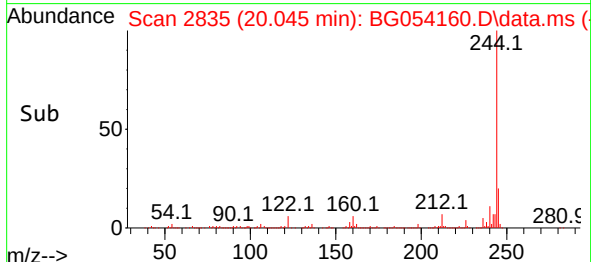
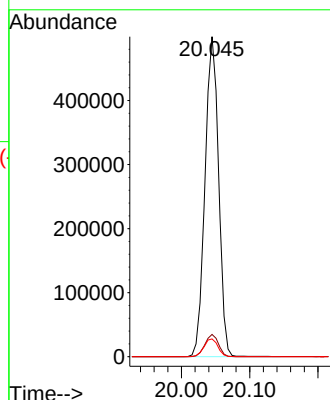
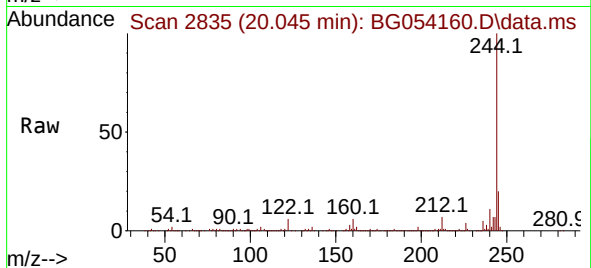
Tgt Ion:244 Resp: 693583

Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

122 5.6 5.0 7.4



#80

Butylbenzylphthalate

Concen: 49.666 ng

RT: 20.732 min Scan# 2952

Delta R.T. 0.000 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

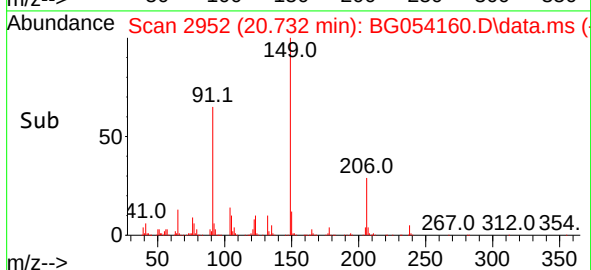
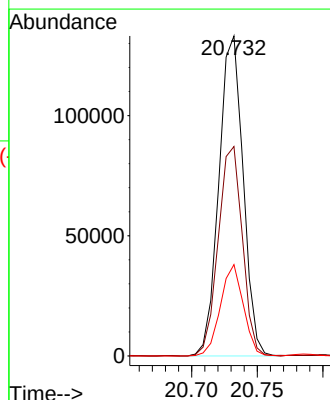
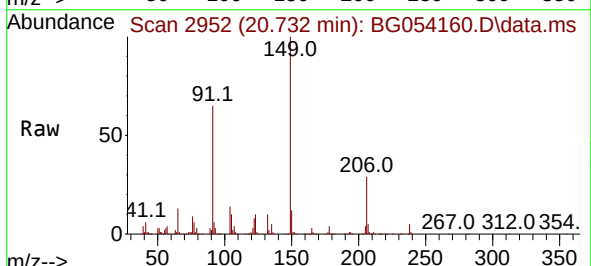
Tgt Ion:149 Resp: 170555

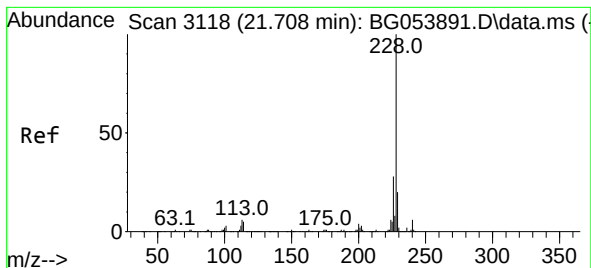
Ion Ratio Lower Upper

149 100

91 65.5 59.6 89.4

206 28.5 18.6 28.0#





#81

Benzo(a)anthracene

Concen: 51.584 ng

RT: 21.696 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

Instrument :

BNA_G

ClientSampleId :

R-1MSD

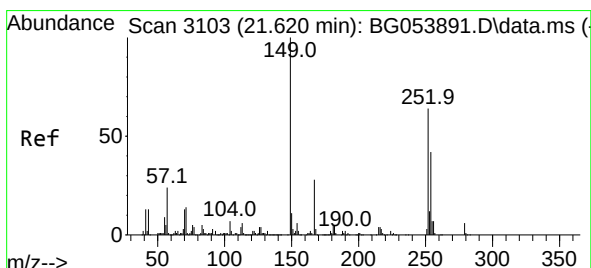
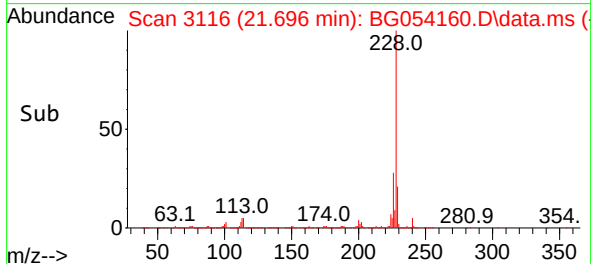
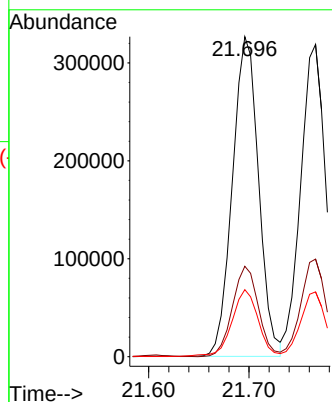
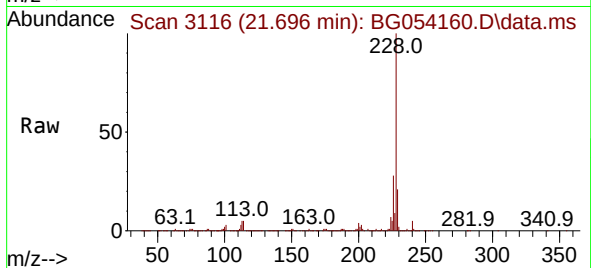
Tgt Ion:228 Resp: 592466

Ion Ratio Lower Upper

228 100

226 28.2 21.6 32.4

229 21.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 38.813 ng

RT: 21.608 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

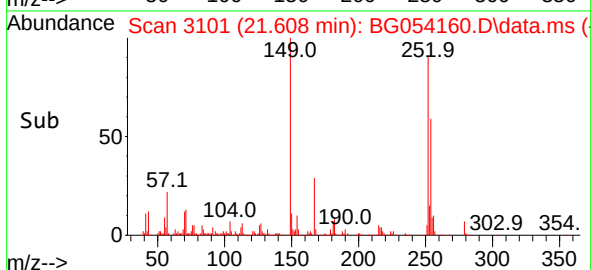
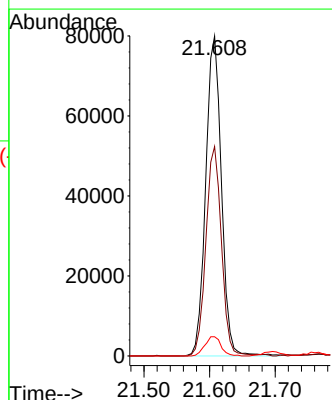
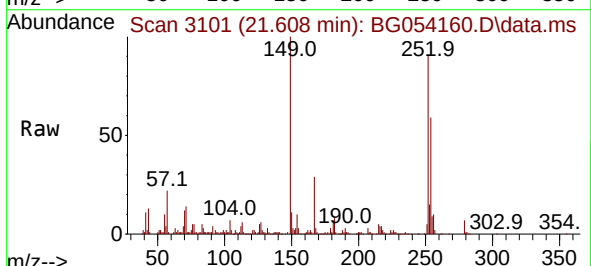
Tgt Ion:252 Resp: 133188

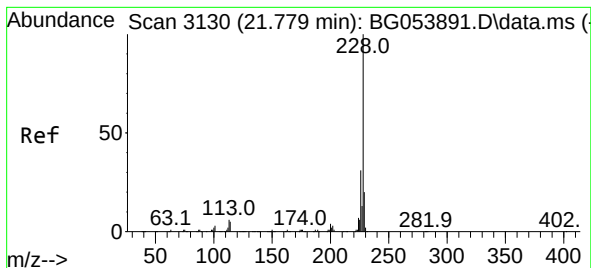
Ion Ratio Lower Upper

252 100

254 65.5 49.8 74.8

126 6.0 6.0 9.0





#83

Chrysene

Concen: 50.003 ng

RT: 21.766 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

Instrument :

BNA_G

ClientSampleId :

R-1MSD

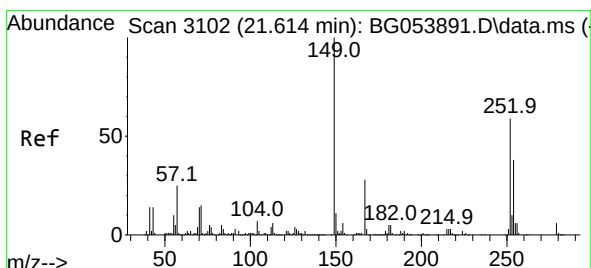
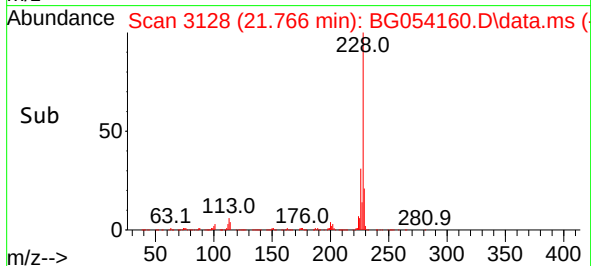
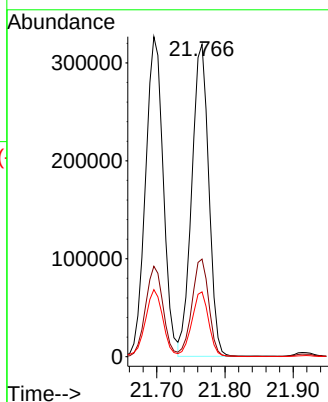
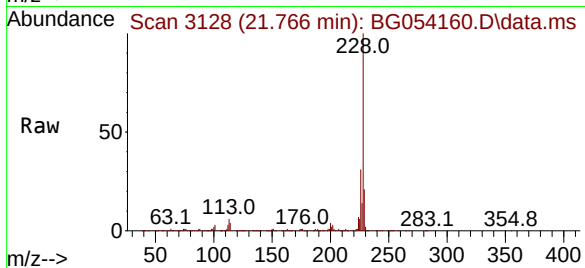
Tgt Ion:228 Resp: 547435

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.2

229 20.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.520 ng

RT: 21.596 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

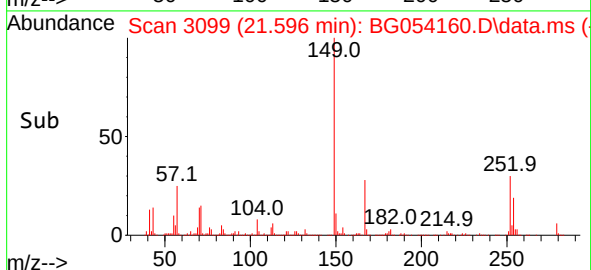
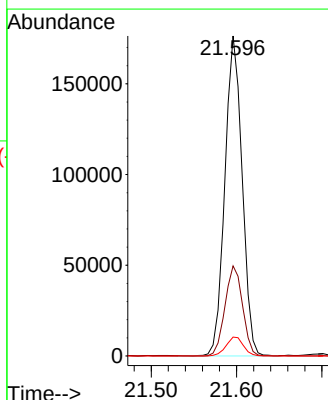
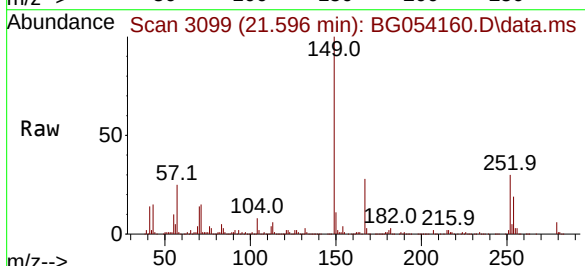
Tgt Ion:149 Resp: 248127

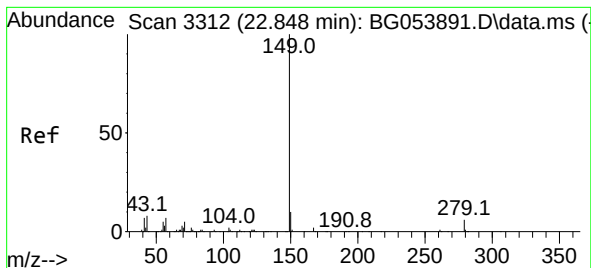
Ion Ratio Lower Upper

149 100

167 28.1 20.2 30.4

279 5.9 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 49.679 ng

RT: 22.818 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

Instrument :

BNA_G

ClientSampleId :

R-1MSD

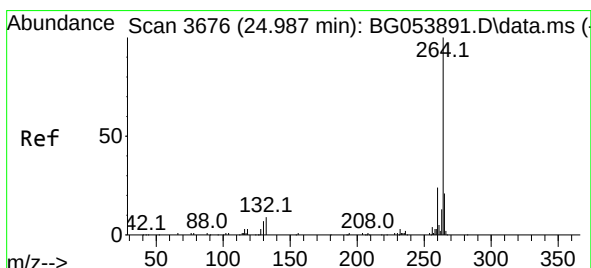
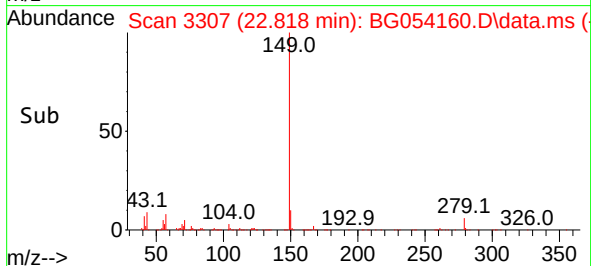
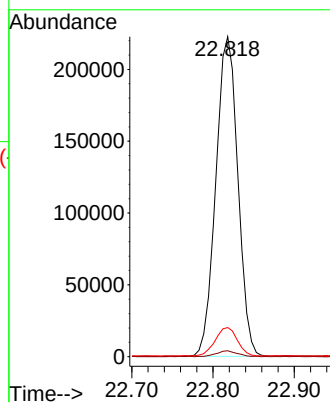
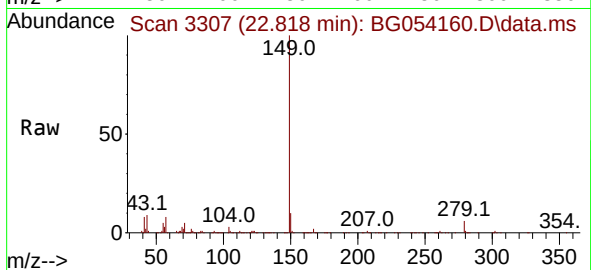
Tgt Ion:149 Resp: 419370

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 9.1 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.974 min Scan# 3674

Delta R.T. 0.012 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

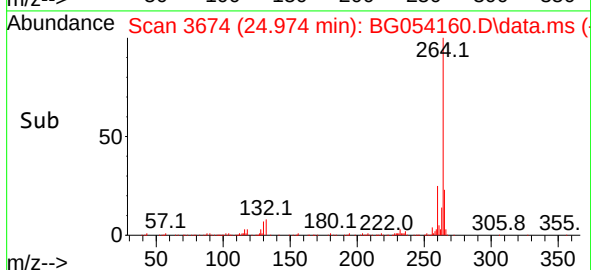
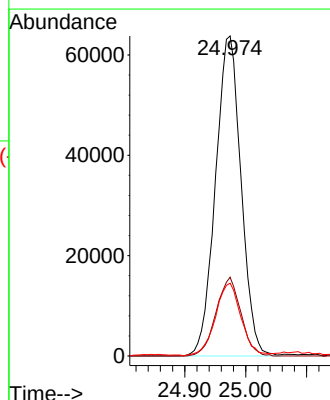
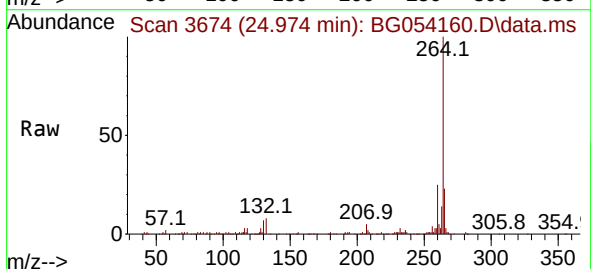
Tgt Ion:264 Resp: 185776

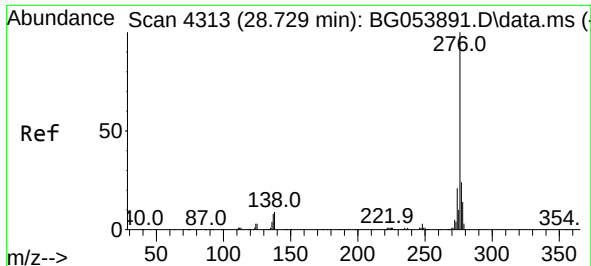
Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

265 22.8 17.4 26.2

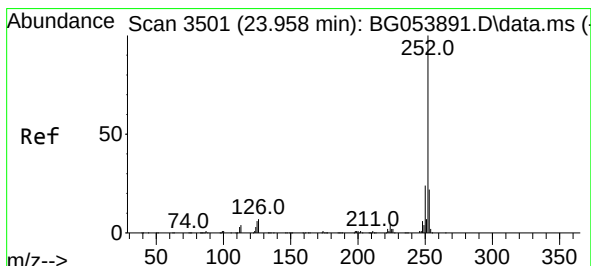
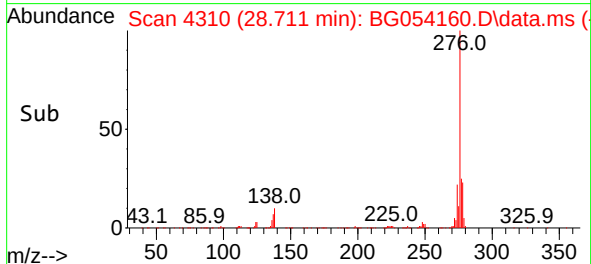
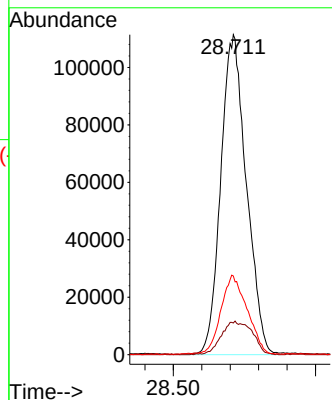
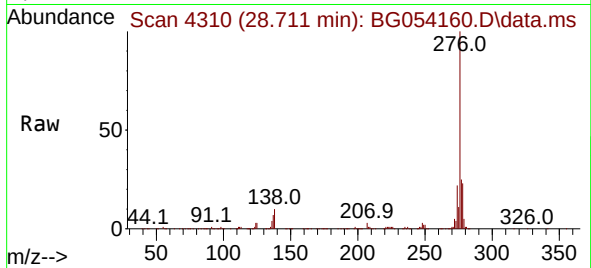




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.674 ng
 RT: 28.711 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: BG054160.D
 Acq: 30 Jun 2022 00:52

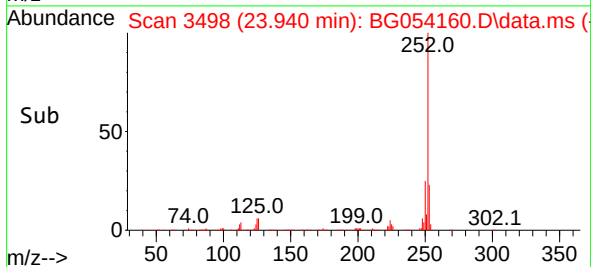
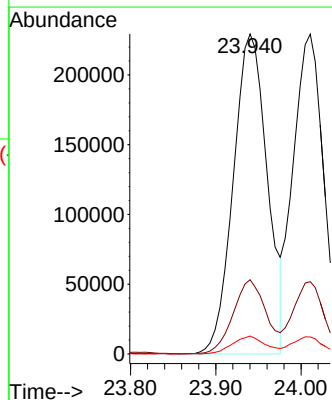
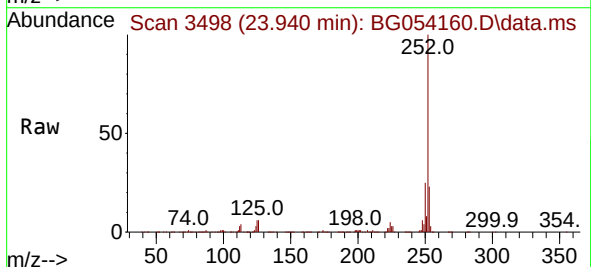
Instrument :
 BNA_G
 ClientSampleId :
 R-1MSD

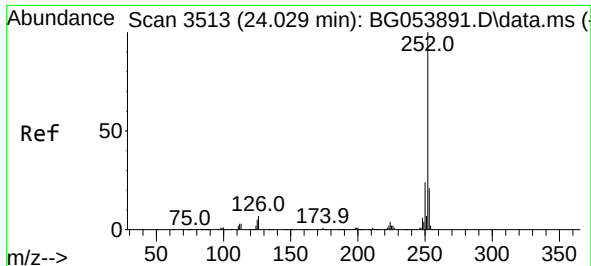
Tgt Ion:276 Resp: 696407
 Ion Ratio Lower Upper
 276 100
 138 12.6 5.0 7.4#
 277 25.1 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 56.251 ng
 RT: 23.940 min Scan# 3498
 Delta R.T. 0.006 min
 Lab File: BG054160.D
 Acq: 30 Jun 2022 00:52

Tgt Ion:252 Resp: 635393
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.0 27.0
 125 5.6 4.6 6.8

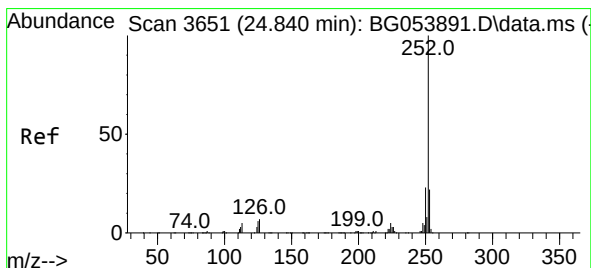
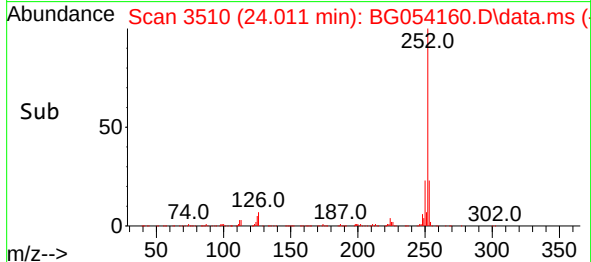
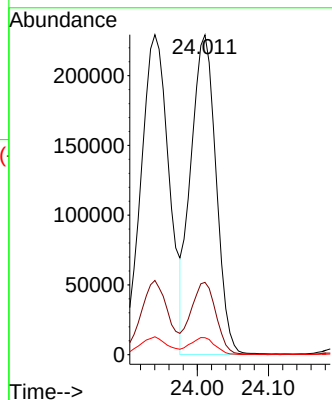
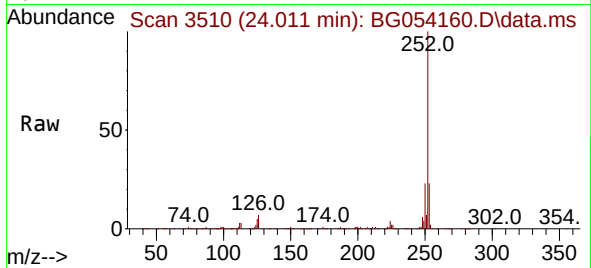




#89
Benzo(k)fluoranthene
Concen: 50.615 ng
RT: 24.011 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

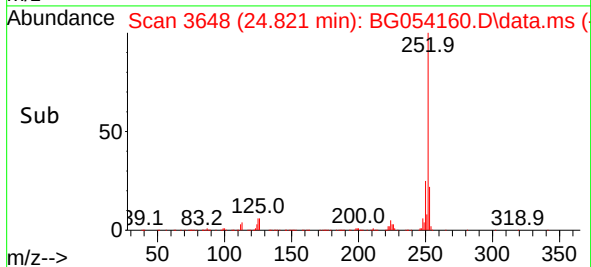
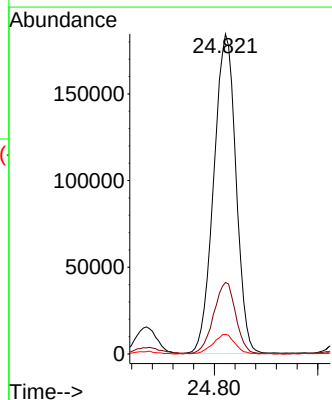
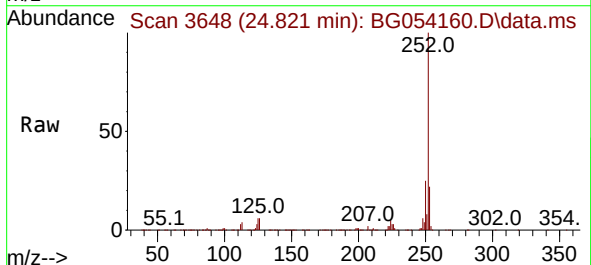
Instrument :
BNA_G
ClientSampleId :
R-1MSD

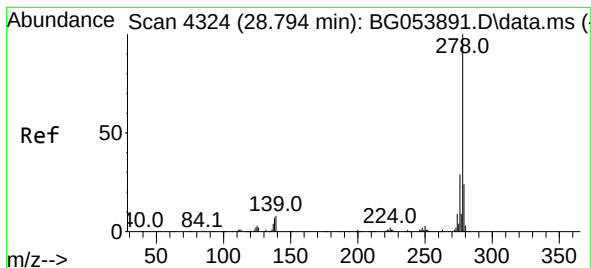
Tgt Ion:252 Resp: 566070
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 5.3 4.8 7.2



#90
Benzo(a)pyrene
Concen: 57.584 ng
RT: 24.821 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BG054160.D
Acq: 30 Jun 2022 00:52

Tgt Ion:252 Resp: 548805
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 6.1 4.3 6.5





#91

Dibenzo(a,h)anthracene

Concen: 48.316 ng

RT: 28.764 min Scan# 41

Delta R.T. 0.018 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

Instrument :

BNA_G

ClientSampleId :

R-1MSD

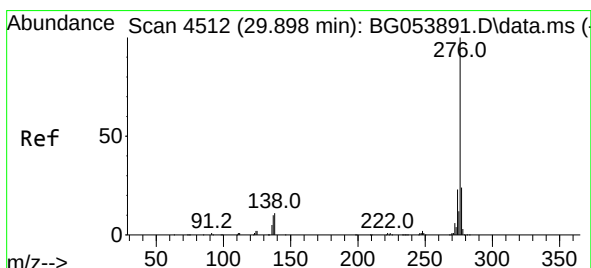
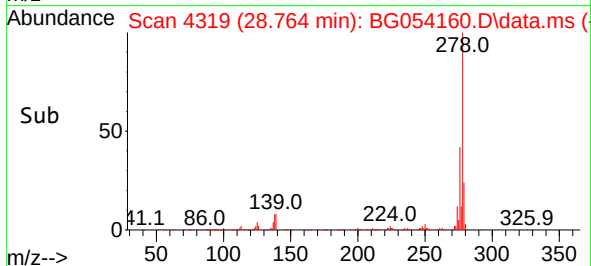
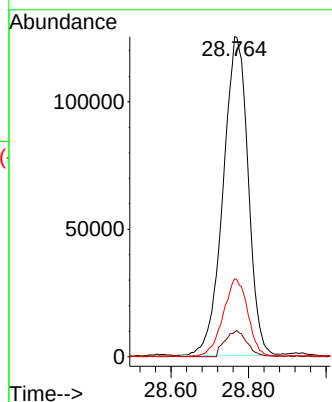
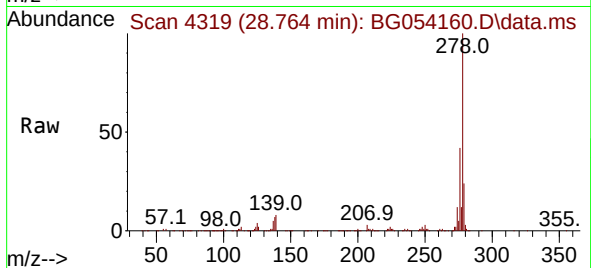
Tgt Ion:278 Resp: 560134

Ion Ratio Lower Upper

278 100

139 7.7 7.2 10.8

279 24.3 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 52.372 ng

RT: 29.874 min Scan# 4508

Delta R.T. 0.012 min

Lab File: BG054160.D

Acq: 30 Jun 2022 00:52

Tgt Ion:276 Resp: 599178

Ion Ratio Lower Upper

276 100

277 24.1 17.3 25.9

138 10.1 9.6 14.4

