

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054175.D
 Acq On : 30 Jun 2022 18:45
 Operator : CG/JU
 Sample : N3548-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 V-1MSD

Quant Time: Jul 01 04:05:01 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	8.067	152	18741	20.000	ng	0.00
21) Naphthalene-d8	10.875	136	75415	20.000	ng	0.00
39) Acenaphthene-d10	14.695	164	60067	20.000	ng	0.00
64) Phenanthrene-d10	17.438	188	157094	20.000	ng	# 0.00
76) Chrysene-d12	21.716	240	173202	20.000	ng	# 0.00
86) Perylene-d12	24.965	264	180588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	103328	105.413	ng	0.00
7) Phenol-d6	7.233	99	143562	107.962	ng	0.00
23) Nitrobenzene-d5	9.224	82	95572	71.216	ng	0.00
42) 2,4,6-Tribromophenol	16.181	330	105073	108.875	ng	0.00
45) 2-Fluorobiphenyl	13.314	172	275426	66.677	ng	0.00
79) Terphenyl-d14	20.041	244	635077	73.850	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.513	88	16142	37.671	ng	90
3) Pyridine	3.913	79	42706	37.348	ng	# 88
4) n-Nitrosodimethylamine	3.831	42	27052	53.785	ng	# 80
6) Aniline	7.385	93	57152	36.251	ng	98
8) 2-Chlorophenol	7.632	128	56642	54.119	ng	93
9) Benzaldehyde	7.197	77	33908	43.206	ng	# 77
10) Phenol	7.256	94	70505	52.318	ng	97
11) bis(2-Chloroethyl)ether	7.479	93	47255	45.685	ng	93
12) 1,3-Dichlorobenzene	7.955	146	63627	48.516	ng	93
13) 1,4-Dichlorobenzene	8.102	146	63205	47.977	ng	95
14) 1,2-Dichlorobenzene	8.419	146	62546	49.457	ng	98
15) Benzyl Alcohol	8.302	79	54444	54.781	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.590	45	72250	46.725	ng	97
17) 2-Methylphenol	8.508	107	48398	51.698	ng	93
18) Hexachloroethane	9.154	117	21783	49.843	ng	# 77
19) n-Nitroso-di-n-propyla...	8.866	70	41647	46.618	ng	89
20) 3+4-Methylphenols	8.837	107	66168	50.399	ng	95
22) Acetophenone	8.884	105	84494	46.093	ng	# 98
24) Nitrobenzene	9.271	77	63219	47.838	ng	# 86
25) Isophorone	9.794	82	117218	46.769	ng	95
26) 2-Nitrophenol	9.982	139	32455	55.603	ng	# 84
27) 2,4-Dimethylphenol	10.041	122	53011	56.111	ng	90
28) bis(2-Chloroethoxy)met...	10.270	93	66154	48.996	ng	99
29) 2,4-Dichlorophenol	10.523	162	67642	53.401	ng	90
30) 1,2,4-Trichlorobenzene	10.740	180	73831	47.073	ng	97
31) Naphthalene	10.928	128	172227	45.238	ng	99
32) Benzoic acid	10.194	122	30000	67.036	ng	# 84
33) 4-Chloroaniline	11.028	127	38919	24.641	ng	# 91
34) Hexachlorobutadiene	11.210	225	58814	48.774	ng	95
35) Caprolactam	11.798	113	10828	31.052	ng	# 83
36) 4-Chloro-3-methylphenol	12.150	107	64875	52.686	ng	87
37) 2-Methylnaphthalene	12.526	142	129497	45.974	ng	97
38) 1-Methylnaphthalene	12.744	142	125156	45.633	ng	96
40) 1,2,4,5-Tetrachloroben...	12.897	216	108867	47.036	ng	# 96
41) Hexachlorocyclopentadiene	12.873	237	94902	88.056	ng	98
43) 2,4,6-Trichlorophenol	13.132	196	66277	50.978	ng	95

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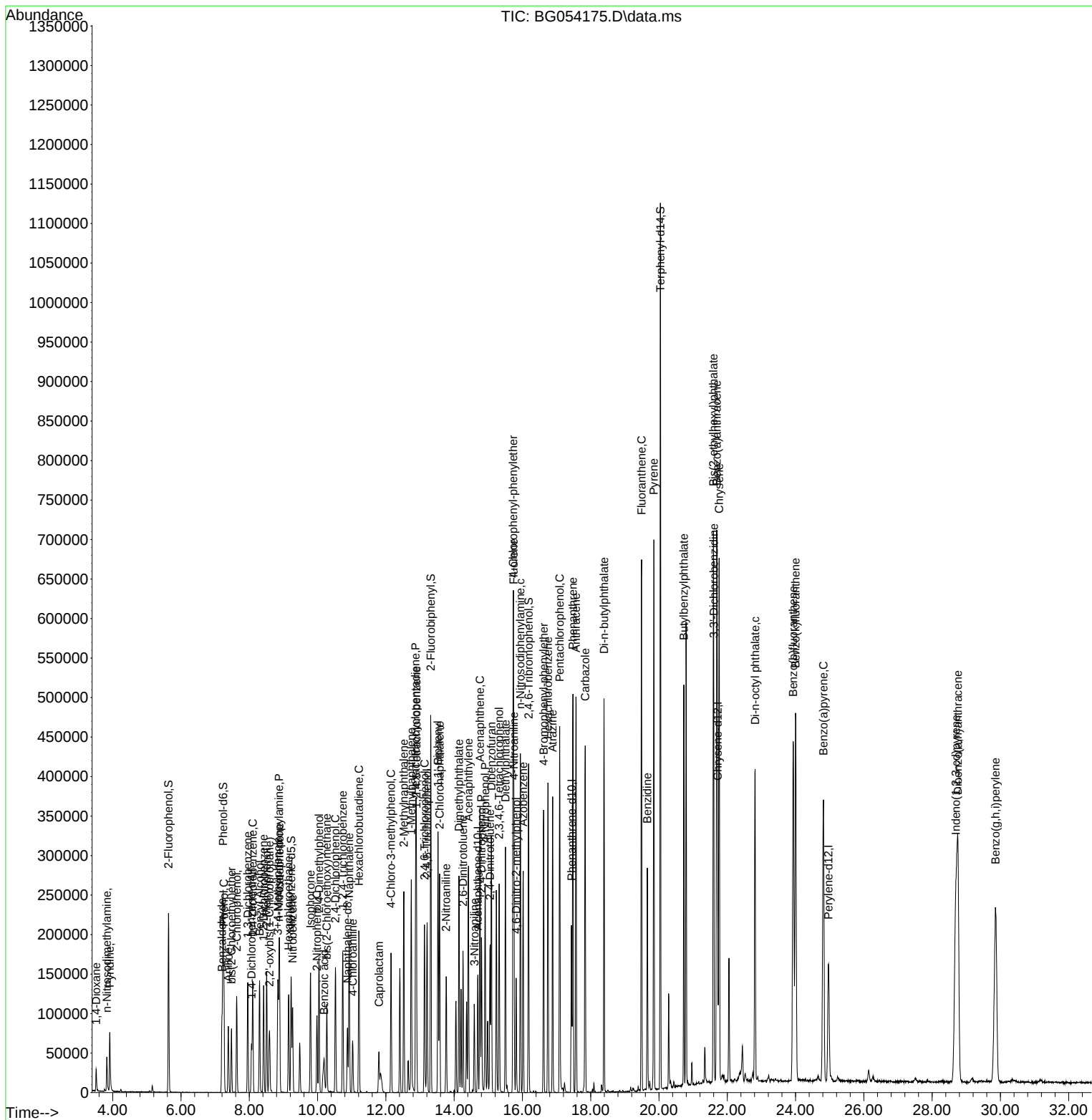
Instrument :
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Quant Time: Jul 01 04:05:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.208	196	73225	50.442	ng	# 93
46) 1,1'-Biphenyl	13.525	154	188670	45.093	ng	98
47) 2-Chloronaphthalene	13.572	162	153954	45.466	ng	97
48) 2-Nitroaniline	13.766	65	44557	49.467	ng	92
49) Acenaphthylene	14.418	152	236631	44.941	ng	99
50) Dimethylphthalate	14.142	163	200047	43.730	ng	# 98
51) 2,6-Dinitrotoluene	14.260	165	46217	50.004	ng	# 78
52) Acenaphthene	14.759	154	140867	41.971	ng	99
53) 3-Nitroaniline	14.595	138	30596	34.169	ng	80
54) 2,4-Dinitrophenol	14.800	184	54148	103.867	ng	# 80
55) Dibenzofuran	15.088	168	244927	45.293	ng	95
56) 4-Nitrophenol	14.912	139	67858	106.740	ng	90
57) 2,4-Dinitrotoluene	15.053	165	67264	51.530	ng	# 83
58) Fluorene	15.740	166	204670	46.098	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.317	232	72451	51.035	ng	# 89
60) Diethylphthalate	15.505	149	198910	44.899	ng	97
61) 4-Chlorophenyl-phenyle...	15.729	204	126769	47.692	ng	# 89
62) 4-Nitroaniline	15.752	138	42949	45.993	ng	# 81
63) Azobenzene	16.022	77	163572	45.869	ng	89
65) 4,6-Dinitro-2-methylph...	15.817	198	41850	53.397	ng	85
66) n-Nitrosodiphenylamine	15.940	169	185648	45.344	ng	96
67) 4-Bromophenyl-phenylether	16.622	248	93282	47.544	ng	# 90
68) Hexachlorobenzene	16.751	284	108412	48.305	ng	# 91
69) Atrazine	16.886	200	89754	52.920	ng	95
70) Pentachlorophenol	17.092	266	112963	108.354	ng	96
71) Phenanthrene	17.479	178	366533	45.413	ng	98
72) Anthracene	17.568	178	369473	46.878	ng	100
73) Carbazole	17.838	167	318490	47.079	ng	98
74) Di-n-butylphthalate	18.390	149	363719	46.500	ng	98
75) Fluoranthene	19.489	202	482026	45.495	ng	96
77) Benzidine	19.659	184	186317	51.945	ng	97
78) Pyrene	19.847	202	488099	46.659	ng	99
80) Butylbenzylphthalate	20.729	149	160439	47.849	ng	87
81) Benzo(a)anthracene	21.692	228	511790	45.636	ng	98
82) 3,3'-Dichlorobenzidine	21.604	252	122839	36.662	ng	# 98
83) Chrysene	21.763	228	475913	44.521	ng	97
84) Bis(2-ethylhexyl)phtha...	21.592	149	227913	47.526	ng	# 96
85) Di-n-octyl phthalate	22.814	149	390698	47.401	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.696	276	615873	45.192	ng	# 96
88) Benzo(b)fluoranthene	23.931	252	529239	48.199	ng	99
89) Benzo(k)fluoranthene	24.001	252	510877	46.993	ng	98
90) Benzo(a)pyrene	24.818	252	473905	51.154	ng	100
91) Dibenzo(a,h)anthracene	28.754	278	529469	46.983	ng	97
92) Benzo(g,h,i)perylene	29.859	276	527549	47.436	ng	95

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

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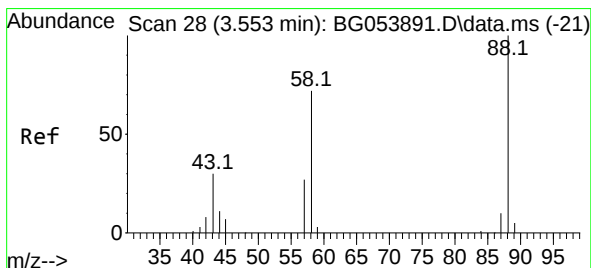
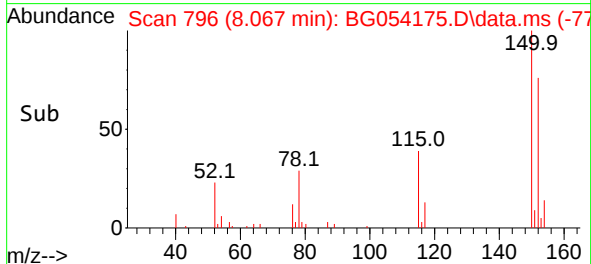
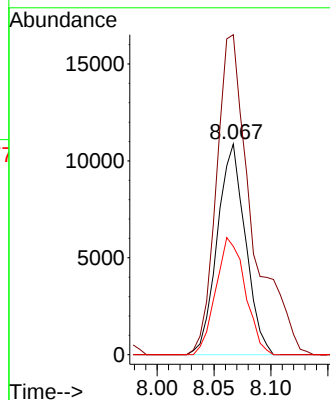
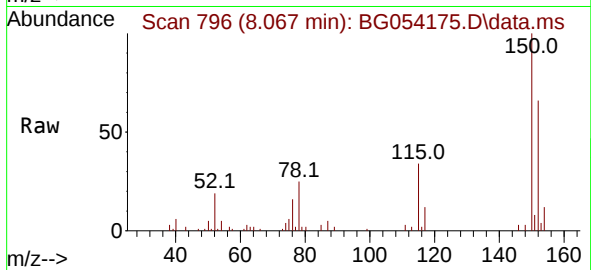




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.067 min Scan# 79
 Delta R.T. -0.003 min
 Lab File: BG054175.D
 Acq: 30 Jun 2022 18:45

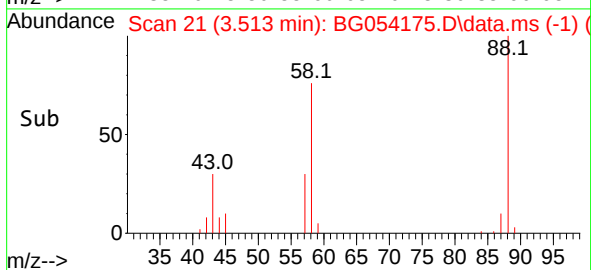
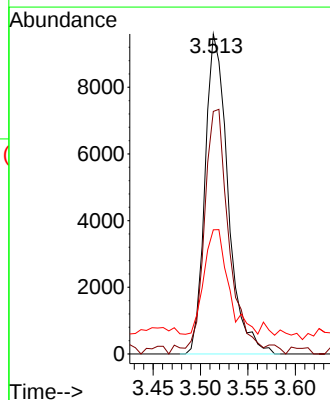
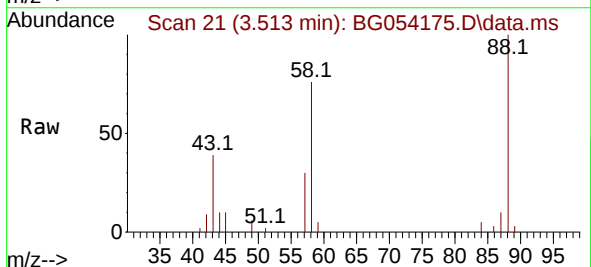
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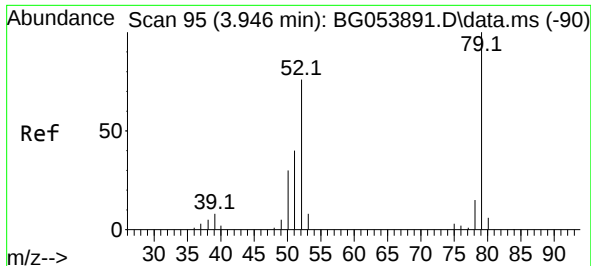
Tgt Ion:152 Resp: 18741
 Ion Ratio Lower Upper
 152 100
 150 151.8 131.6 197.4
 115 51.4 50.9 76.3



#2
 1,4-Dioxane
 Concen: 37.671 ng
 RT: 3.513 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG054175.D
 Acq: 30 Jun 2022 18:45

Tgt Ion: 88 Resp: 16142
 Ion Ratio Lower Upper
 88 100
 58 83.9 59.2 88.8
 43 34.1 24.3 36.5

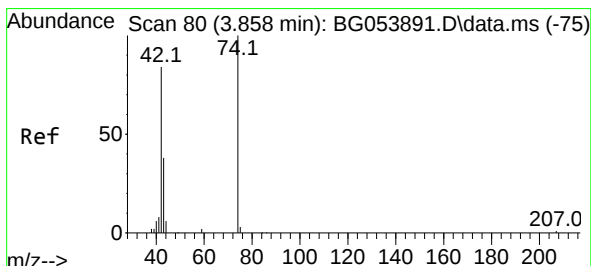
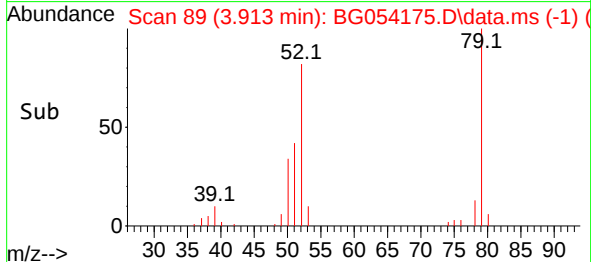
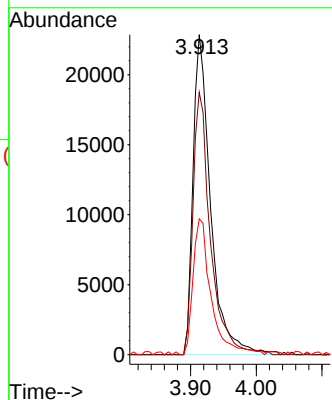
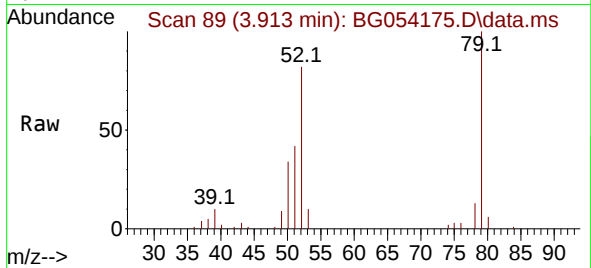




#3
 Pyridine
 Concen: 37.348 ng
 RT: 3.913 min Scan# 89
 Delta R.T. -0.015 min
 Lab File: BG054175.D
 Acq: 30 Jun 2022 18:45

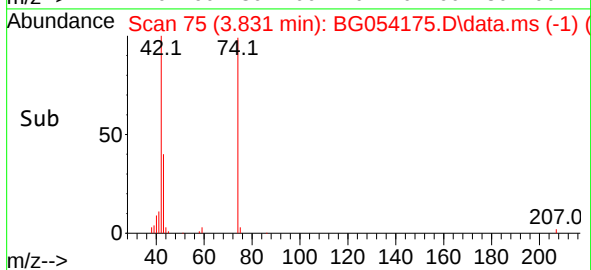
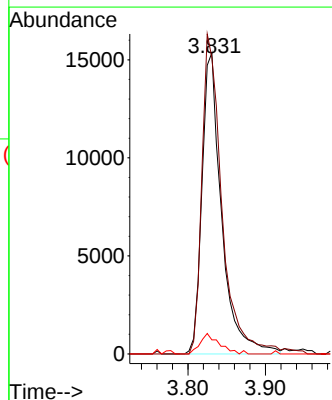
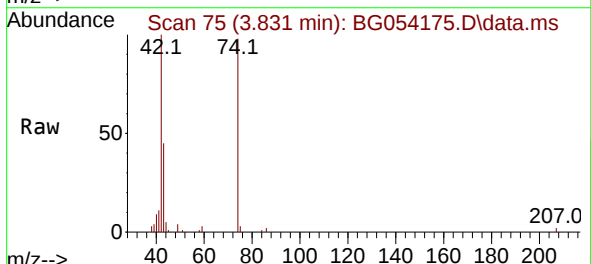
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 ClientSampleId :
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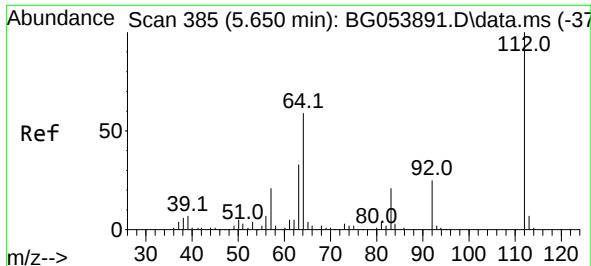
Tgt Ion: 79 Resp: 42706
 Ion Ratio Lower Upper
 79 100
 52 82.0 54.6 81.8#
 51 42.5 32.5 48.7



#4
 n-Nitrosodimethylamine
 Concen: 53.785 ng
 RT: 3.831 min Scan# 75
 Delta R.T. -0.009 min
 Lab File: BG054175.D
 Acq: 30 Jun 2022 18:45

Tgt Ion: 42 Resp: 27052
 Ion Ratio Lower Upper
 42 100
 74 98.3 97.0 145.4
 44 4.7 7.0 10.4#

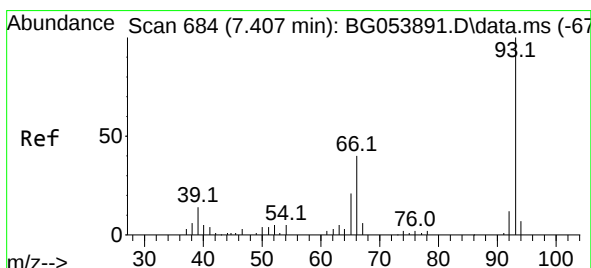
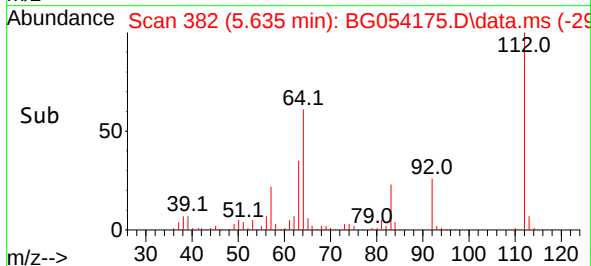
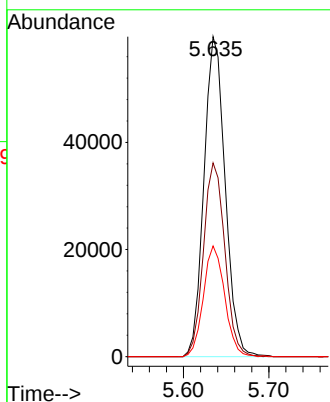
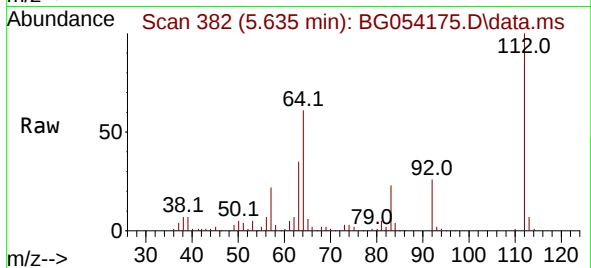




#5
2-Fluorophenol
Concen: 105.413 ng
RT: 5.635 min Scan# 311
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

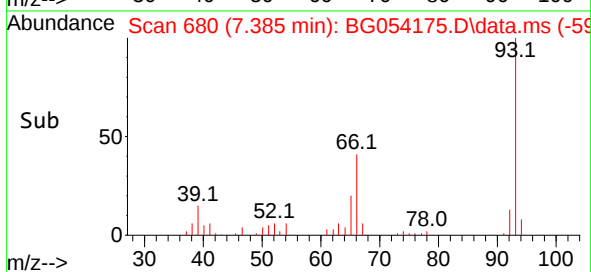
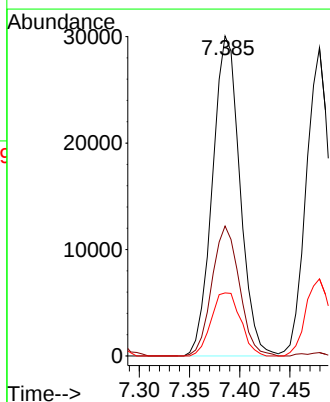
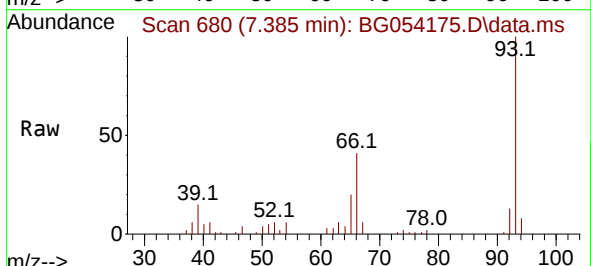
Instrument :
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Tgt Ion:112 Resp: 103328
Ion Ratio Lower Upper
112 100
64 60.6 55.1 82.7
63 34.6 30.4 45.6



#6
Aniline
Concen: 36.251 ng
RT: 7.385 min Scan# 680
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion: 93 Resp: 57152
Ion Ratio Lower Upper
93 100
66 40.6 32.9 49.3
65 19.7 17.8 26.8

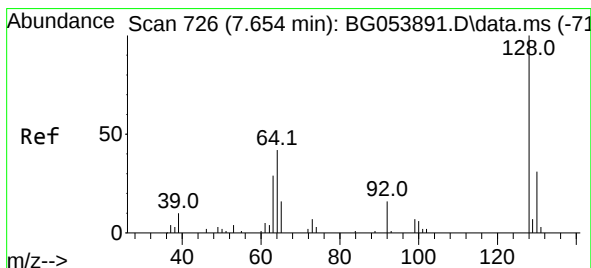
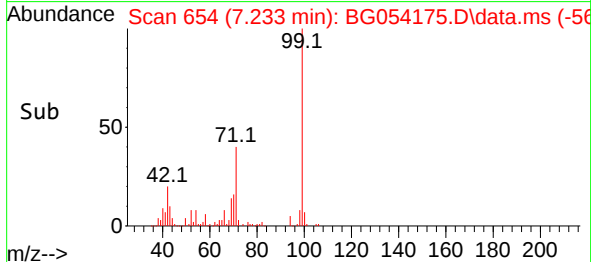
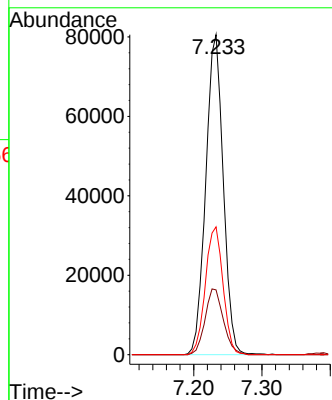
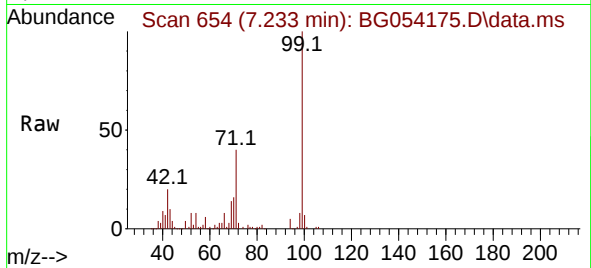




#7
Phenol-d6
Concen: 107.962 ng
RT: 7.233 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

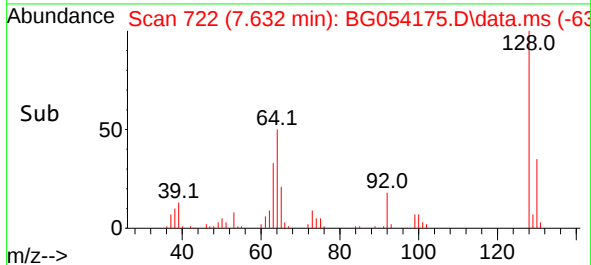
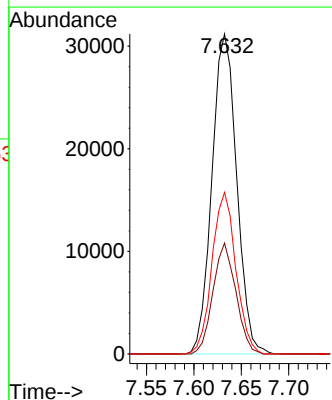
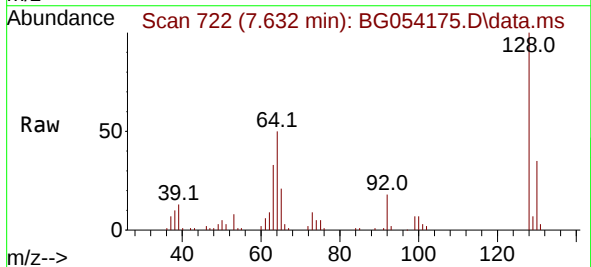
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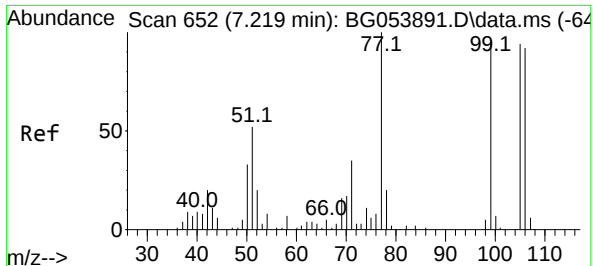
Tgt Ion: 99 Resp: 143562
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 39.9 33.8 50.8



#8
2-Chlorophenol
Concen: 54.119 ng
RT: 7.632 min Scan# 722
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:128 Resp: 56642
Ion Ratio Lower Upper
128 100
130 34.6 10.5 50.5
64 50.5 35.1 75.1

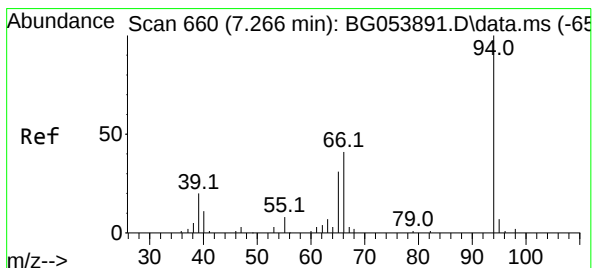
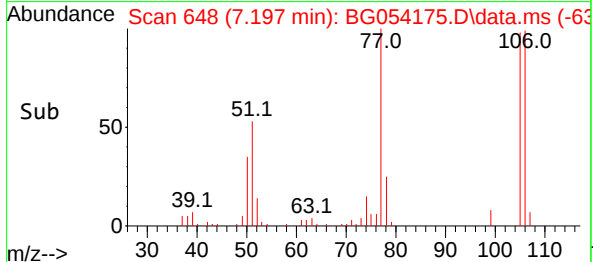
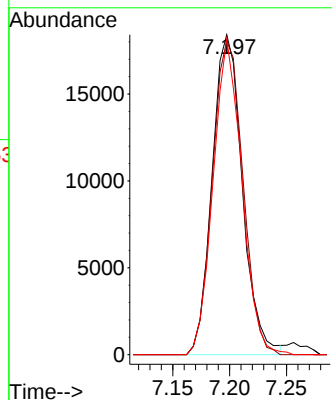
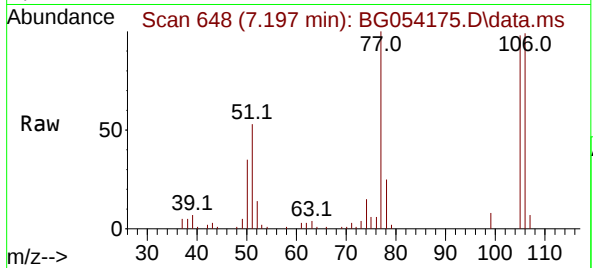




#9
Benzaldehyde
Concen: 43.206 ng
RT: 7.197 min Scan# 64
Delta R.T. -0.009 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

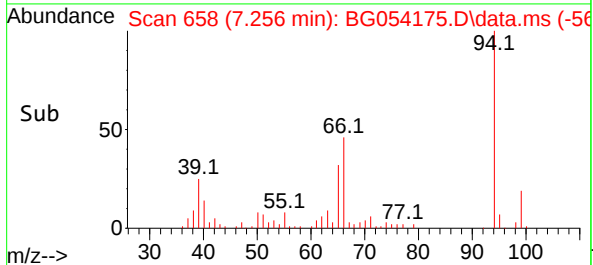
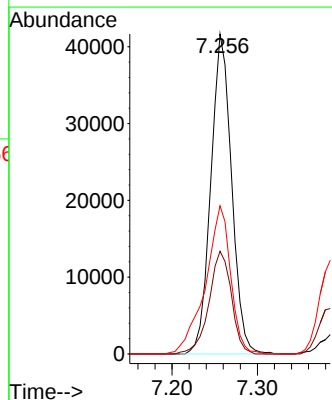
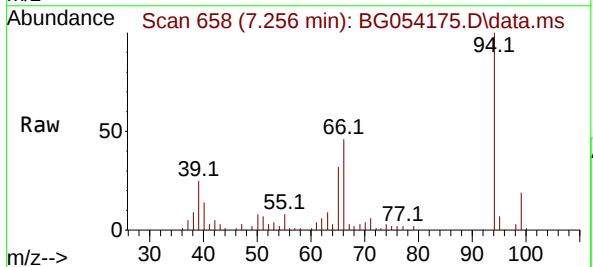
Instrument :
BNA_G
ClientSampleId :
V-1MSD

Tgt Ion: 77 Resp: 33908
Ion Ratio Lower Upper
77 100
105 98.2 59.6 99.6
106 98.7 56.8 96.8#



#10
Phenol
Concen: 52.318 ng
RT: 7.256 min Scan# 658
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion: 94 Resp: 70505
Ion Ratio Lower Upper
94 100
65 32.1 14.8 54.8
66 46.3 25.2 65.2

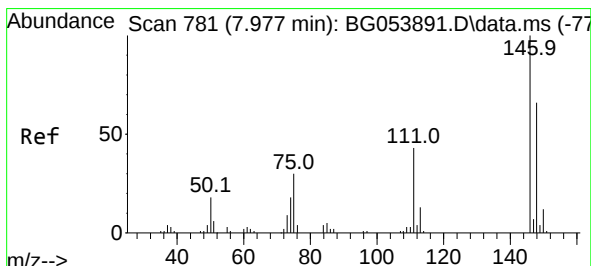
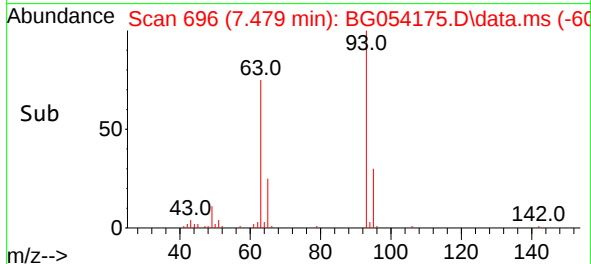
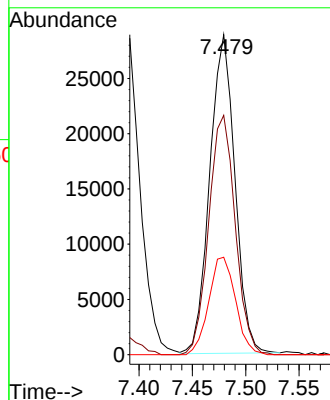
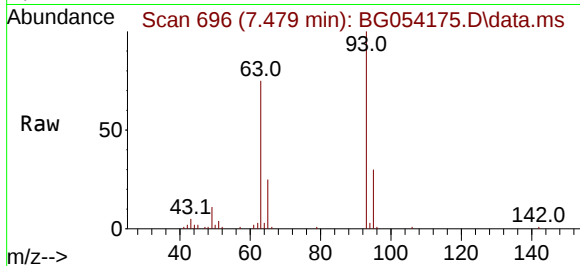




#11
bis(2-Chloroethyl)ether
Concen: 45.685 ng
RT: 7.479 min Scan# 696
Delta R.T. -0.009 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

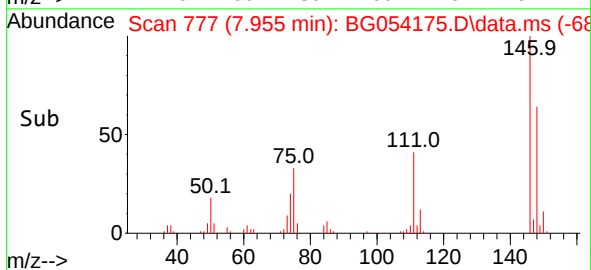
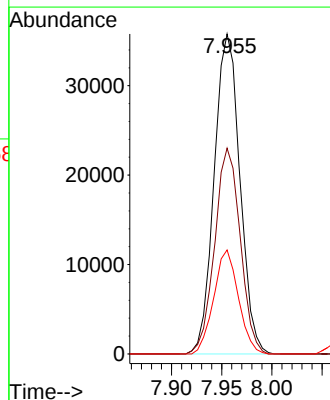
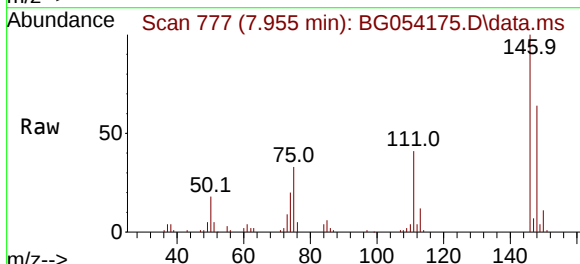
Instrument :
BNA_G
ClientSampleId :
V-1MSD

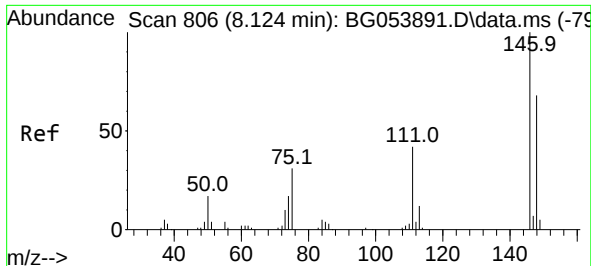
Tgt Ion: 93 Resp: 47255
Ion Ratio Lower Upper
93 100
63 74.8 63.6 103.6
95 30.4 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 48.516 ng
RT: 7.955 min Scan# 777
Delta R.T. -0.009 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion: 146 Resp: 63627
Ion Ratio Lower Upper
146 100
148 64.3 46.1 69.1
75 32.5 27.6 41.4

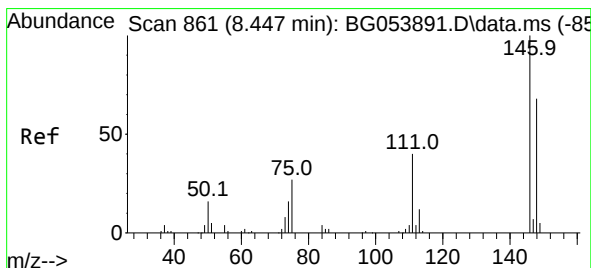
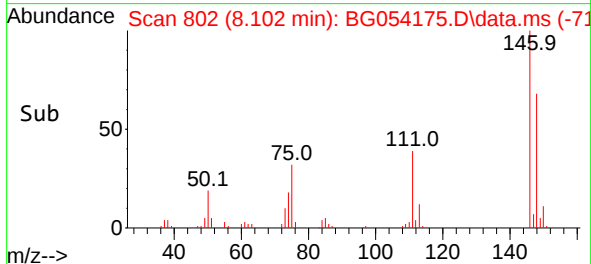
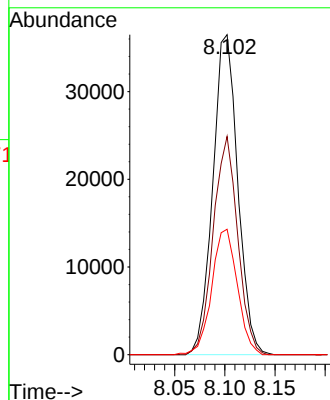
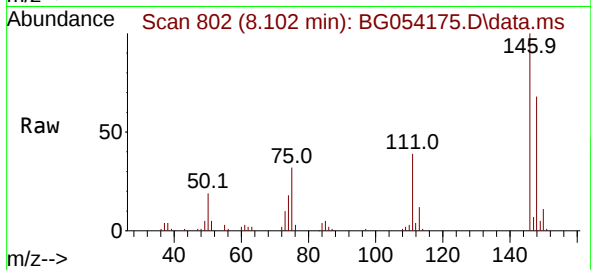




#13
1,4-Dichlorobenzene
Concen: 47.977 ng
RT: 8.102 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

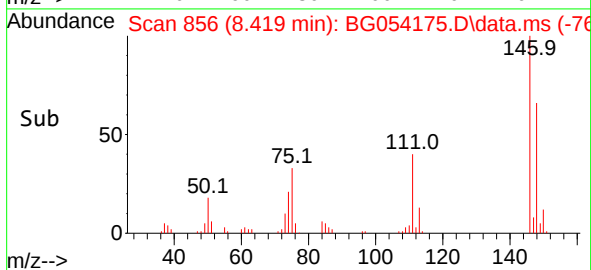
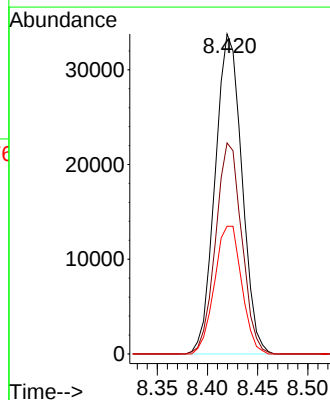
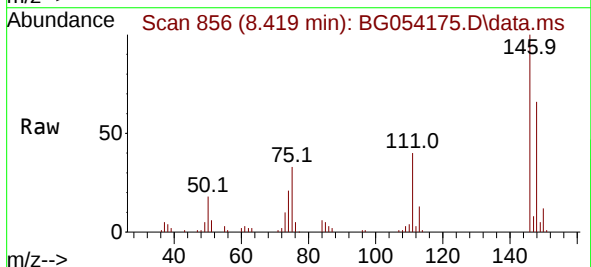
Instrument :
BNA_G
ClientSampleId :
V-1MSD

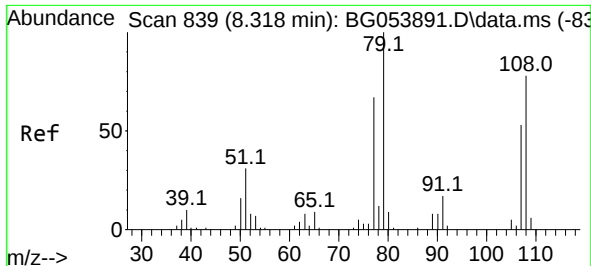
Tgt Ion:146 Resp: 63205
Ion Ratio Lower Upper
146 100
148 68.2 51.5 77.3
111 39.2 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 49.457 ng
RT: 8.419 min Scan# 856
Delta R.T. -0.009 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:146 Resp: 62546
Ion Ratio Lower Upper
146 100
148 65.9 52.6 78.8
111 39.9 34.5 51.7

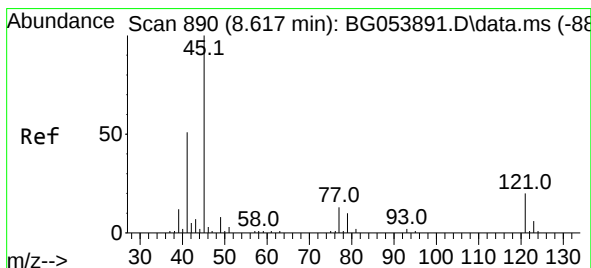
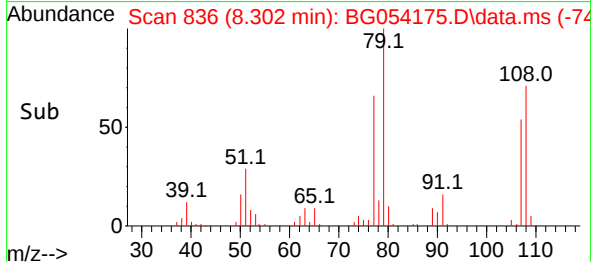
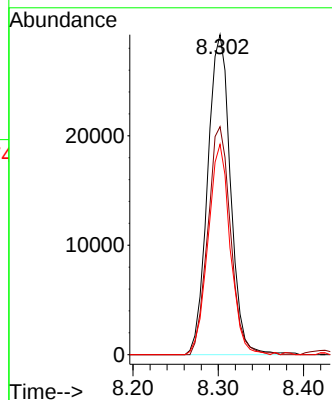
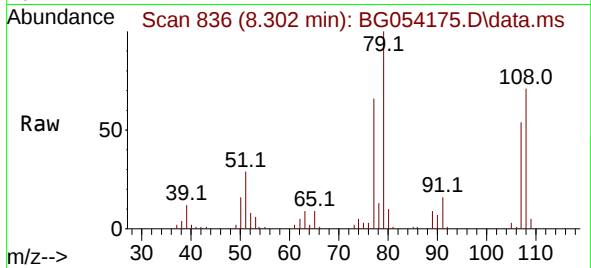




#15
Benzyl Alcohol
Concen: 54.781 ng
RT: 8.302 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

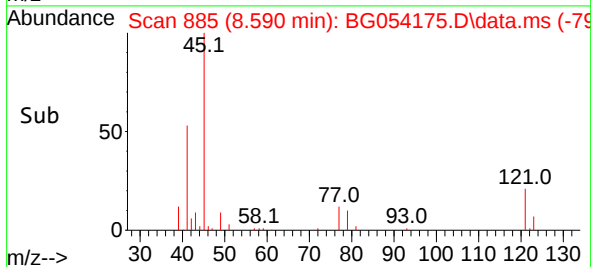
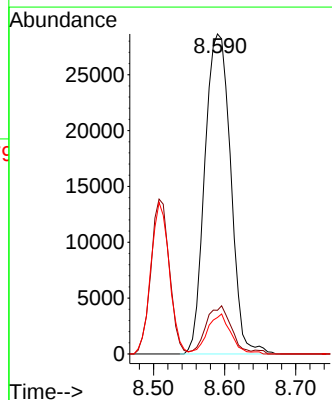
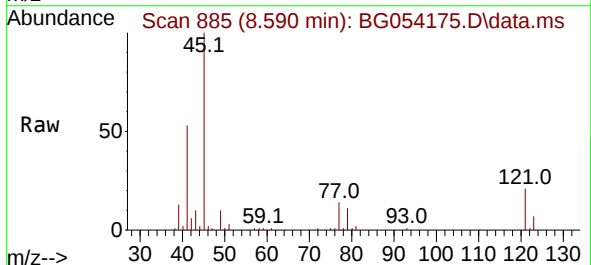
Instrument :
BNA_G
ClientSampleId :
V-1MSD

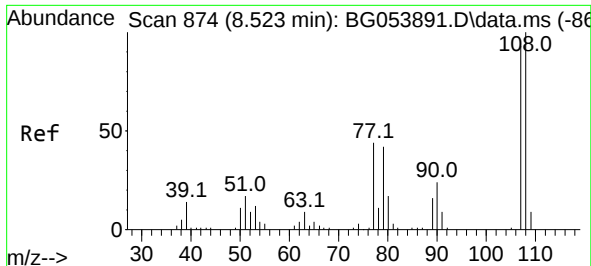
Tgt Ion: 79 Resp: 54444
Ion Ratio Lower Upper
79 100
108 71.2 53.7 80.5
77 65.7 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.725 ng
RT: 8.590 min Scan# 885
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion: 45 Resp: 72250
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.7
79 11.4 0.0 29.7

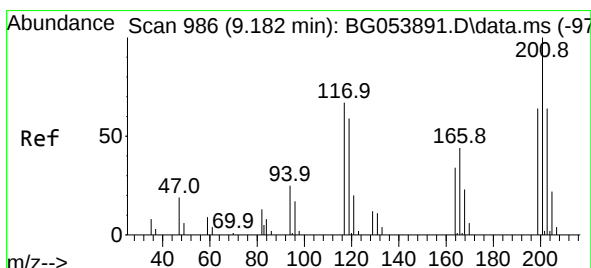
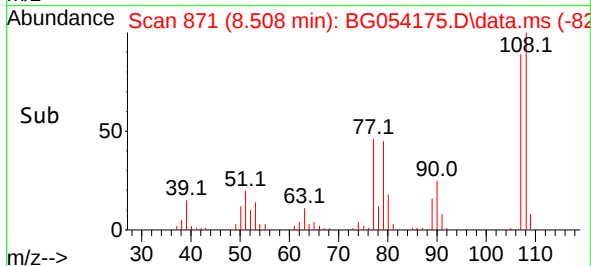
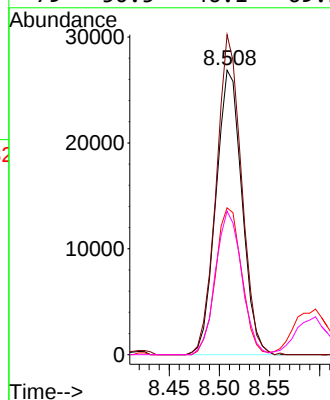
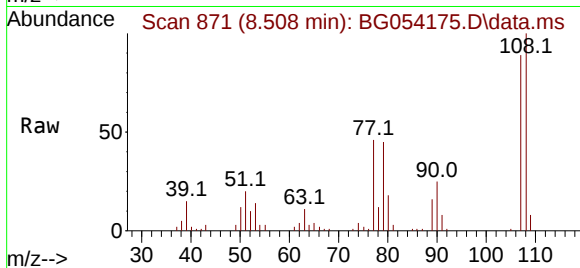




#17
2-Methylphenol
Concen: 51.698 ng
RT: 8.508 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

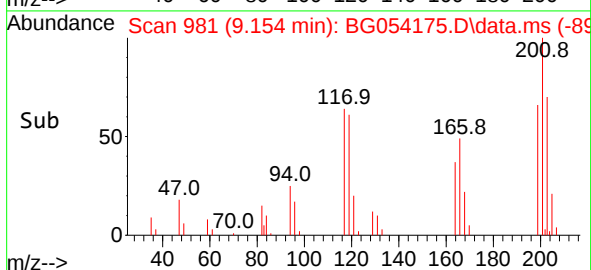
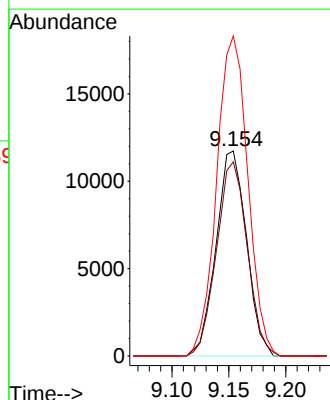
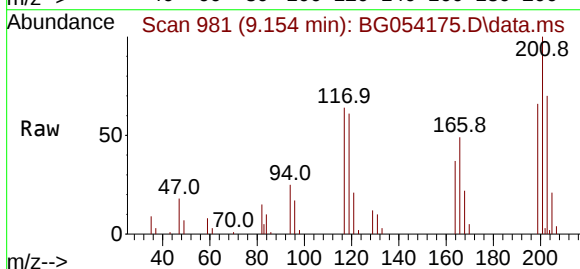
Instrument :
BNA_G
ClientSampleId :
V-1MSD

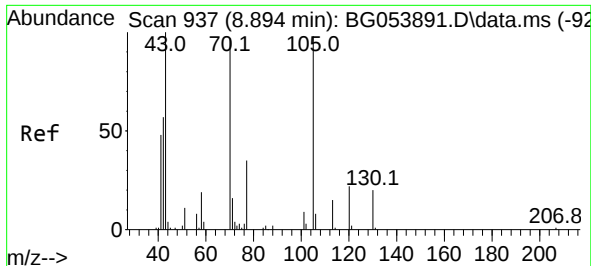
Tgt Ion:	107	Resp:	48398
Ion	Ratio	Lower	Upper
107	100		
108	112.5	85.4	128.0
77	51.6	46.2	69.2
79	50.5	46.1	69.1



#18
Hexachloroethane
Concen: 49.843 ng
RT: 9.154 min Scan# 981
Delta R.T. -0.009 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:	117	Resp:	21783
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.0	112.6
201	156.2	89.0	133.6#

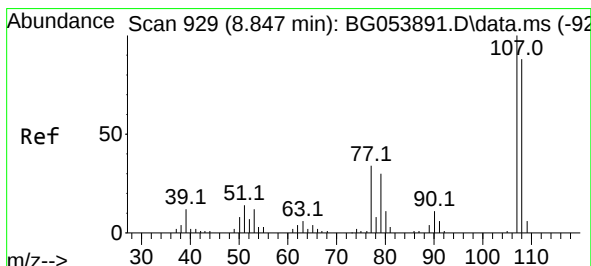
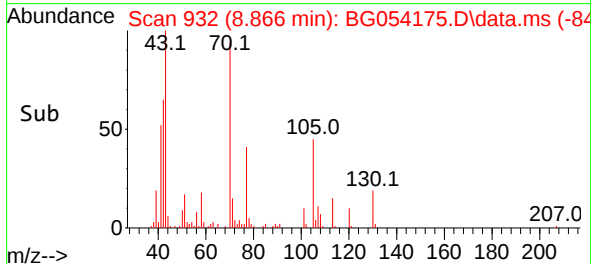
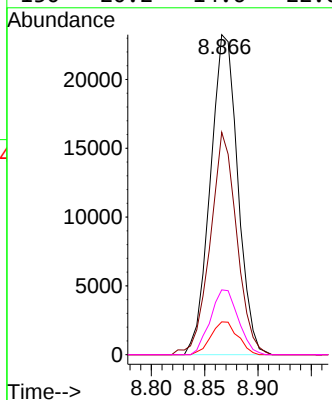
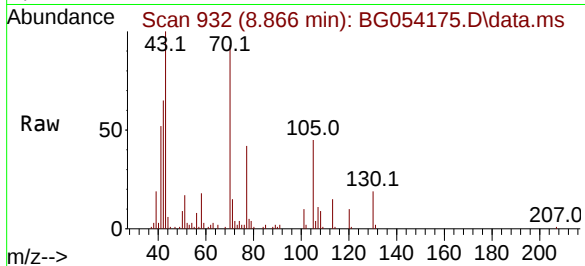




#19
n-Nitroso-di-n-propylamine
Concen: 46.618 ng
RT: 8.866 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

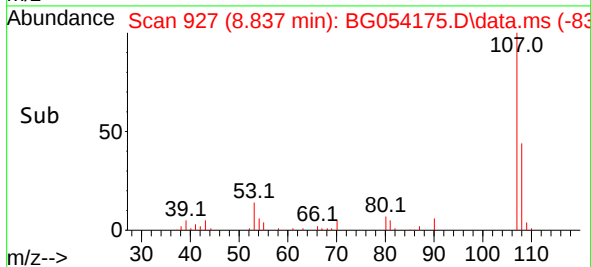
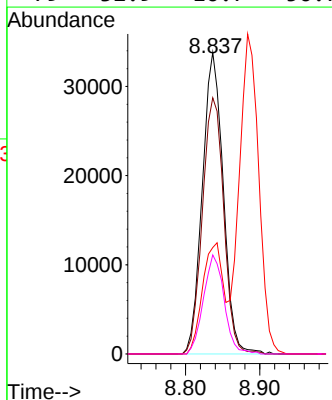
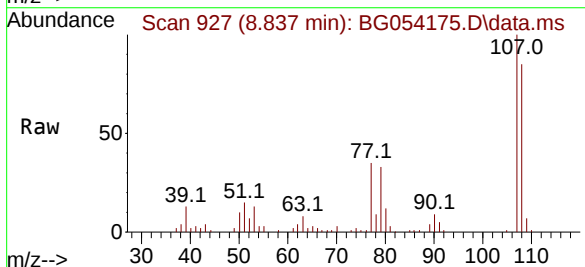
Instrument :
BNA_G
ClientSampleId :
V-1MSD

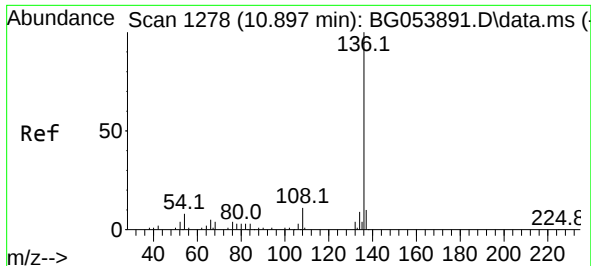
Tgt Ion:	70	Resp:	41647
Ion	Ratio	Lower	Upper
70	100		
42	69.5	47.3	70.9
101	10.2	7.0	10.4
130	20.2	14.6	22.0



#20
3+4-Methylphenols
Concen: 50.399 ng
RT: 8.837 min Scan# 927
Delta R.T. 0.002 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:	107	Resp:	66168
Ion	Ratio	Lower	Upper
107	100		
108	84.9	67.5	107.5
77	35.3	20.3	60.3
79	32.9	16.7	56.7

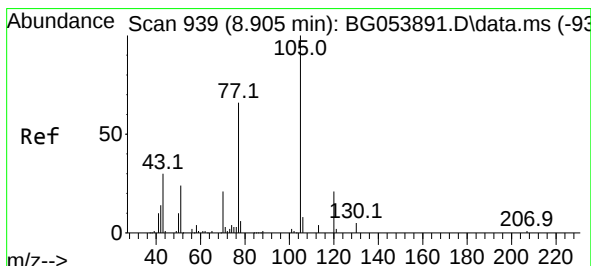
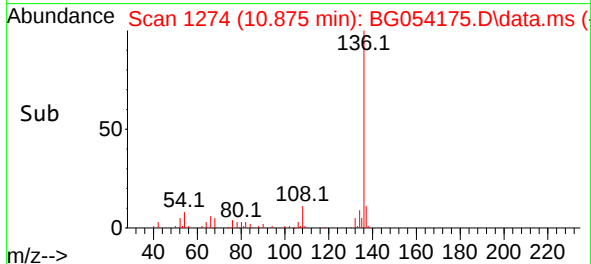
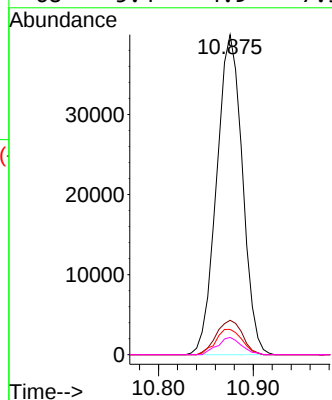
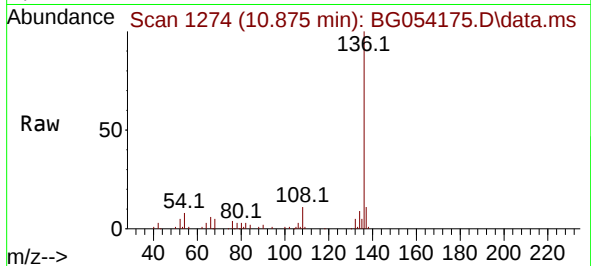




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

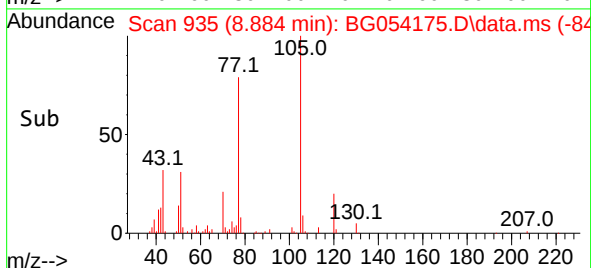
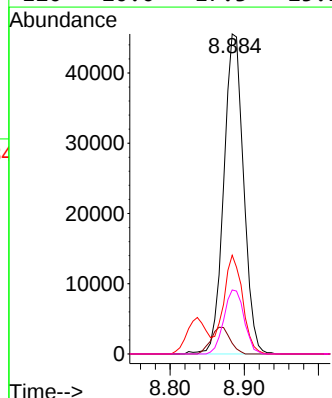
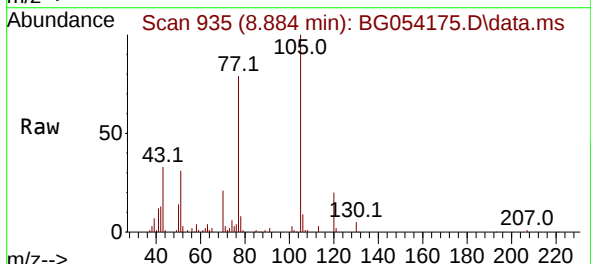
Instrument :
BNA_G
ClientSampleId :
V-1MSD

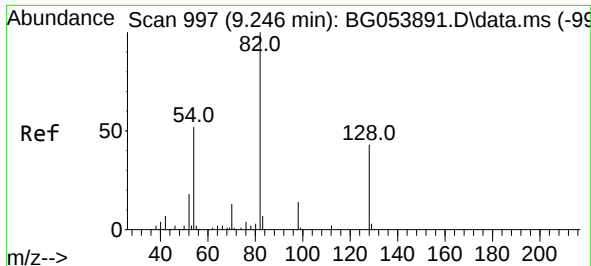
Tgt Ion:	136	Resp:	75415
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	7.9	7.4	11.2
68	5.4	4.9	7.3



#22
Acetophenone
Concen: 46.093 ng
RT: 8.884 min Scan# 935
Delta R.T. -0.009 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:	105	Resp:	84494
Ion Ratio	Lower	Upper	
105	100		
71	3.3	1.1	1.7#
51	30.9	25.4	38.0
120	20.0	17.3	25.9

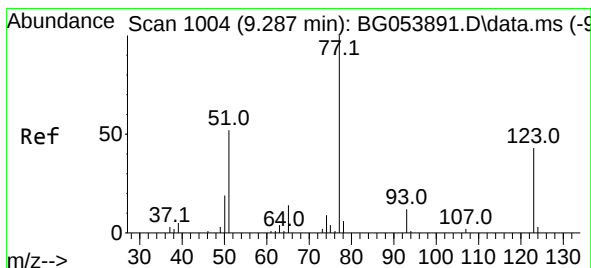
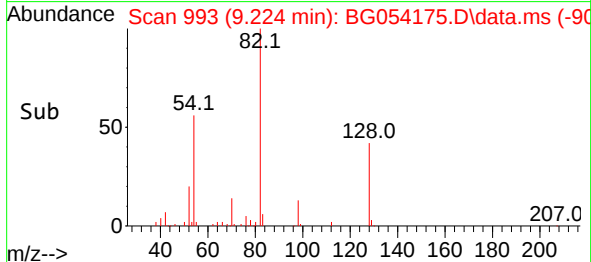
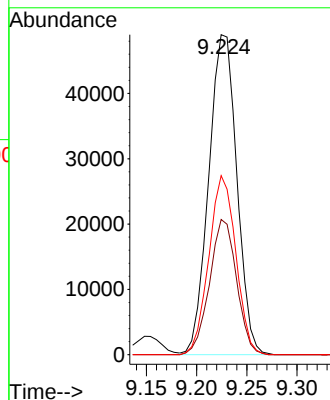
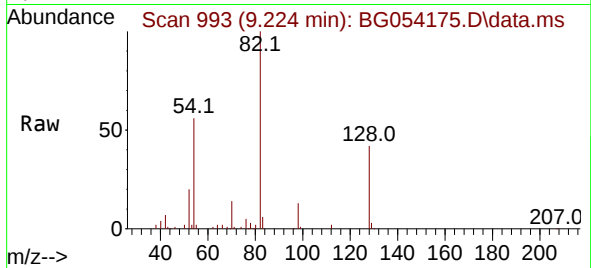




#23
Nitrobenzene-d5
Concen: 71.216 ng
RT: 9.224 min Scan# 997
Delta R.T. -0.009 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

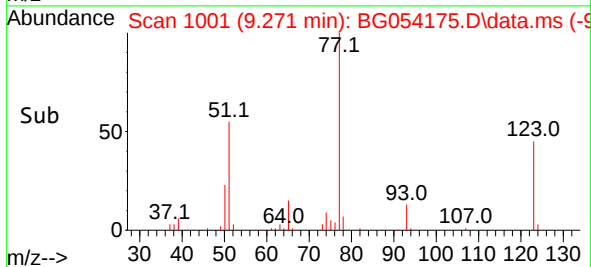
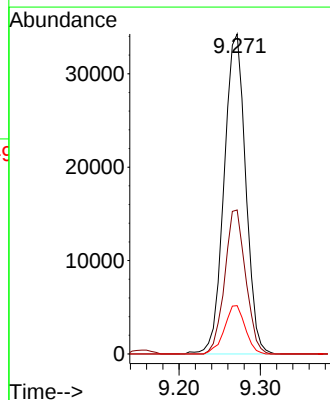
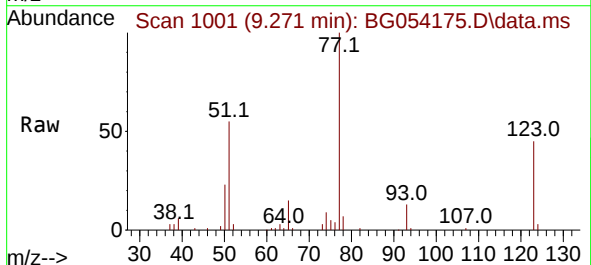
Instrument :
BNA_G
ClientSampleId :
V-1MSD

Tgt Ion: 82 Resp: 95572
Ion Ratio Lower Upper
82 100
128 42.2 27.9 41.9#
54 56.0 41.2 61.8



#24
Nitrobenzene
Concen: 47.838 ng
RT: 9.271 min Scan# 1001
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion: 77 Resp: 63219
Ion Ratio Lower Upper
77 100
123 45.0 27.4 41.0#
65 15.1 11.4 17.0

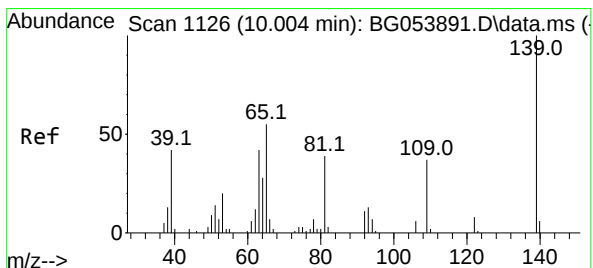
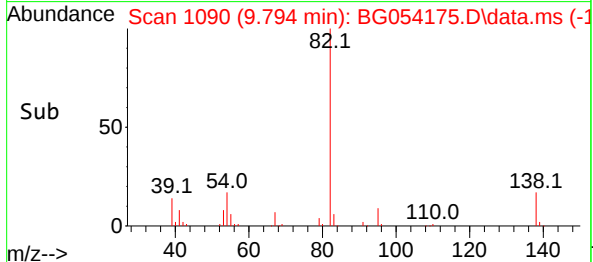
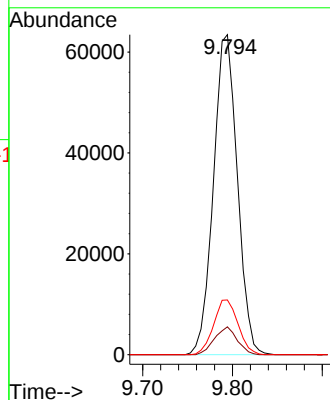
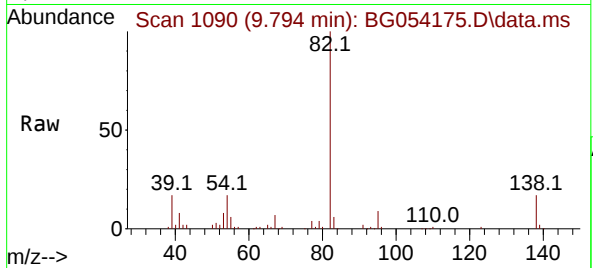




#25
Isophorone
Concen: 46.769 ng
RT: 9.794 min Scan# 1109
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

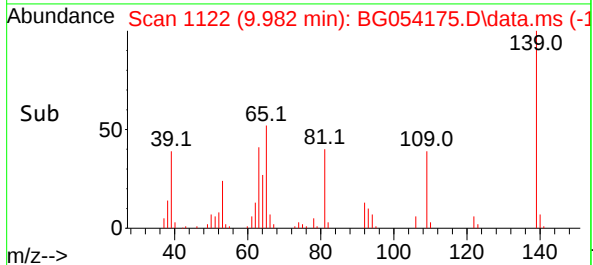
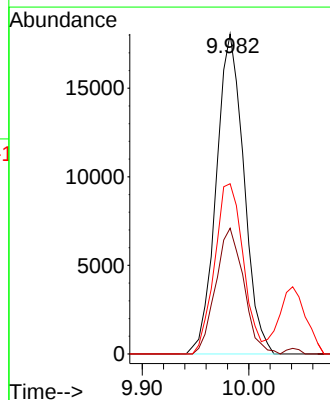
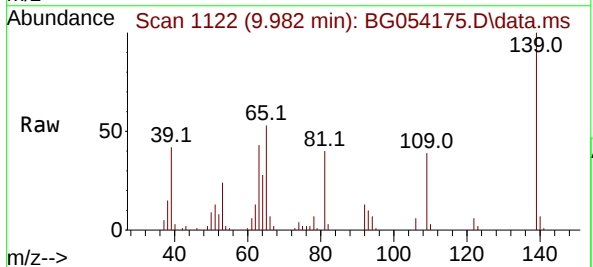
Instrument :
BNA_G
ClientSampleId :
V-1MSD

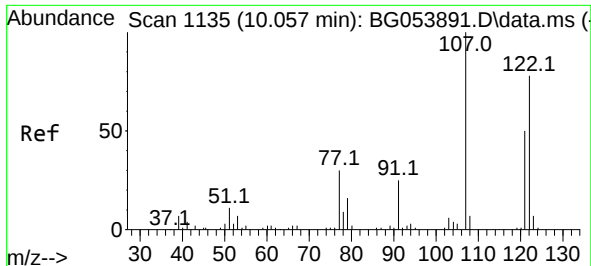
Tgt Ion: 82 Resp: 117218
Ion Ratio Lower Upper
82 100
95 8.7 6.2 9.4
138 17.1 11.6 17.4



#26
2-Nitrophenol
Concen: 55.603 ng
RT: 9.982 min Scan# 1122
Delta R.T. -0.009 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:139 Resp: 32455
Ion Ratio Lower Upper
139 100
109 39.3 36.1 54.1
65 53.2 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 56.111 ng

RT: 10.041 min Scan# 1132

Delta R.T. -0.003 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

Instrument :

BNA_G

ClientSampleId :

V-1MSD

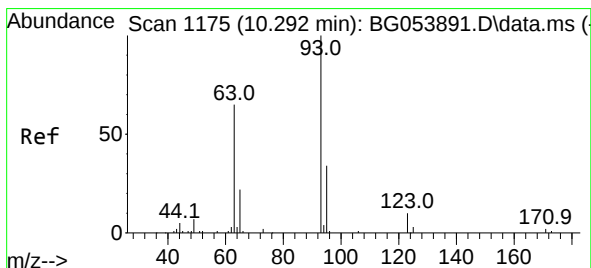
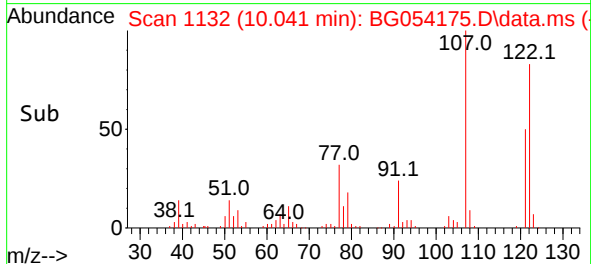
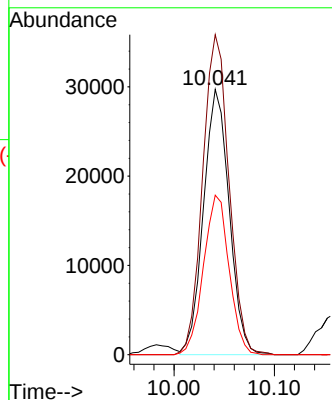
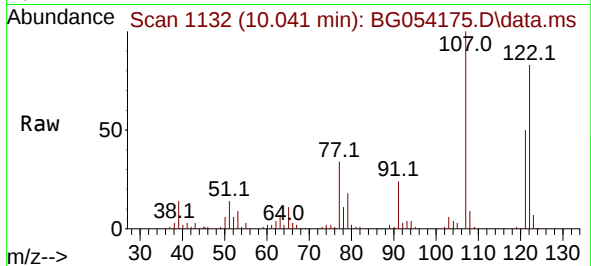
Tgt Ion:122 Resp: 53011

Ion Ratio Lower Upper

122 100

107 120.7 109.4 164.0

121 60.2 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.996 ng

RT: 10.270 min Scan# 1171

Delta R.T. -0.009 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

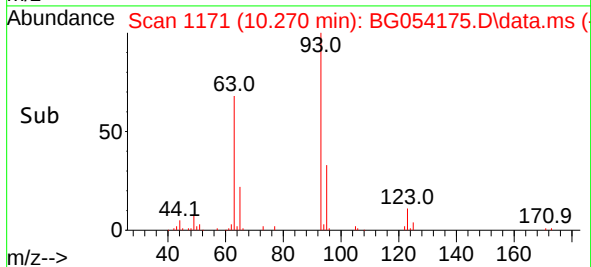
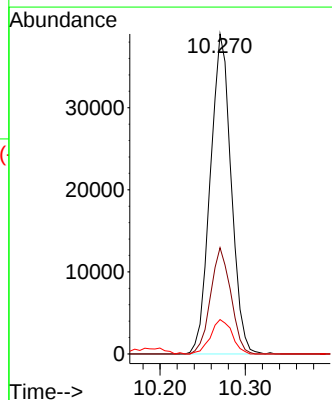
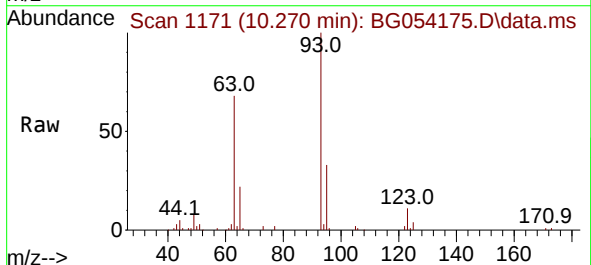
Tgt Ion: 93 Resp: 66154

Ion Ratio Lower Upper

93 100

95 33.2 26.9 40.3

123 10.8 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 53.401 ng

RT: 10.523 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

Instrument :

BNA_G

ClientSampleId :

V-1MSD

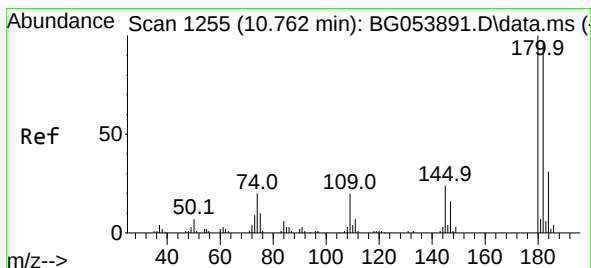
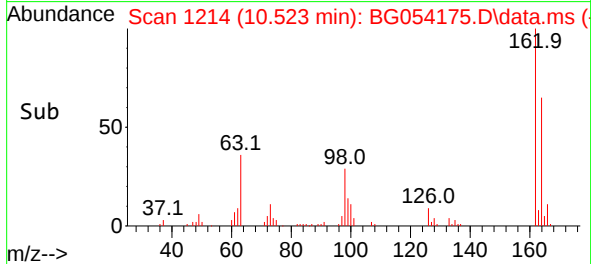
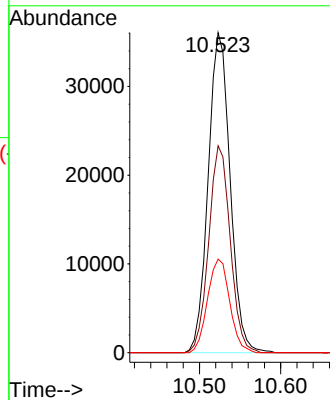
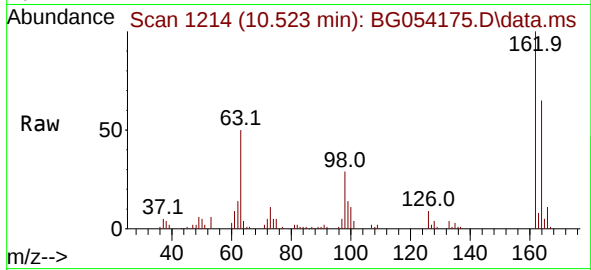
Tgt Ion:162 Resp: 67642

Ion Ratio Lower Upper

162 100

164 64.7 46.6 86.6

98 29.2 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 47.073 ng

RT: 10.740 min Scan# 1251

Delta R.T. -0.003 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

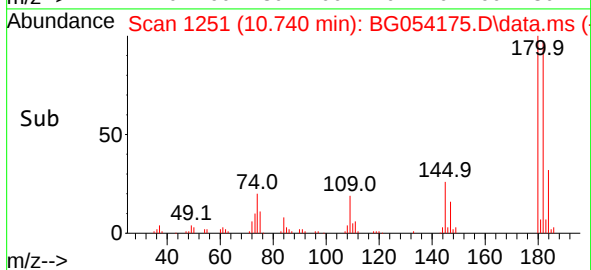
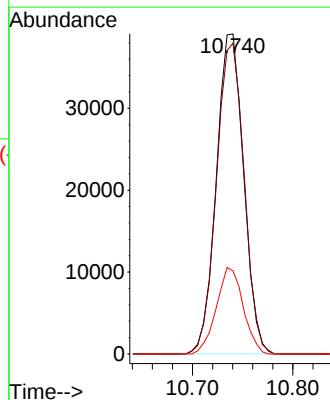
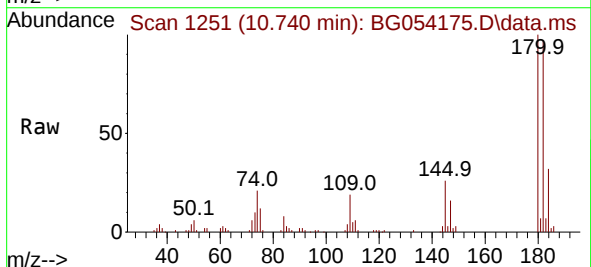
Tgt Ion:180 Resp: 73831

Ion Ratio Lower Upper

180 100

182 97.2 76.6 115.0

145 26.0 25.0 37.4

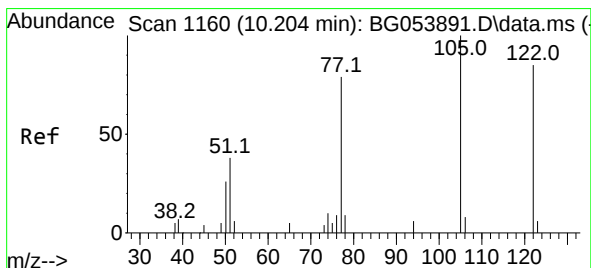
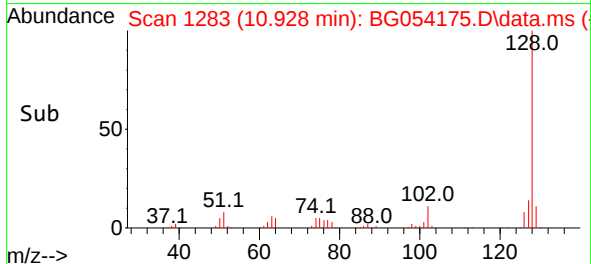
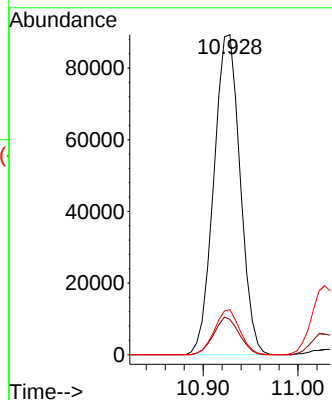
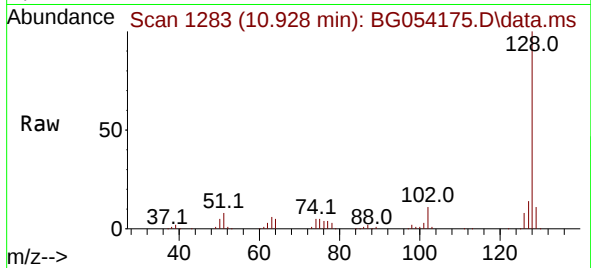




#31
Naphthalene
Concen: 45.238 ng
RT: 10.928 min Scan# 1157
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

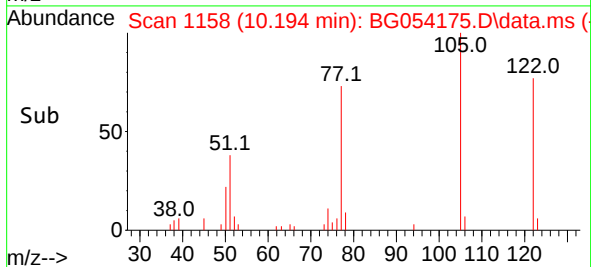
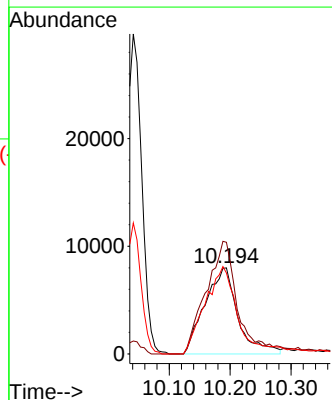
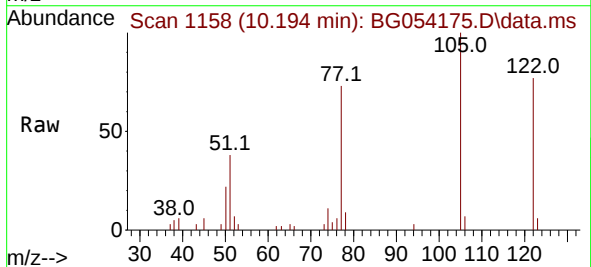
Instrument :
BNA_G
ClientSampleId :
V-1MSD

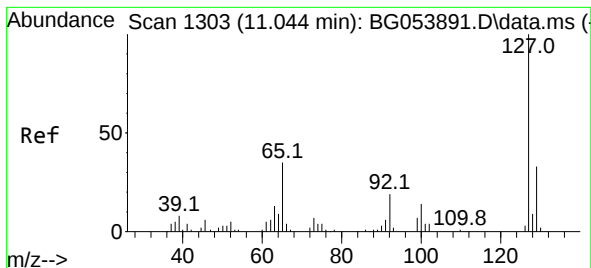
Tgt Ion:128 Resp: 172227
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 14.1 11.1 16.7



#32
Benzoic acid
Concen: 67.036 ng
RT: 10.194 min Scan# 1158
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:122 Resp: 30000
Ion Ratio Lower Upper
122 100
105 129.8 111.8 151.8
77 94.1 109.4 149.4#

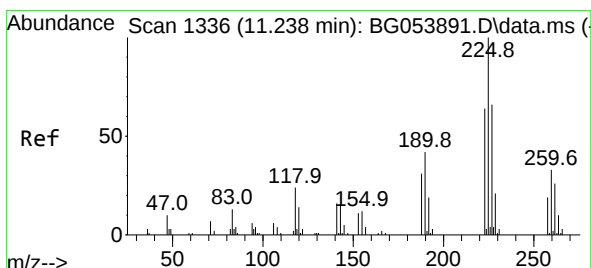
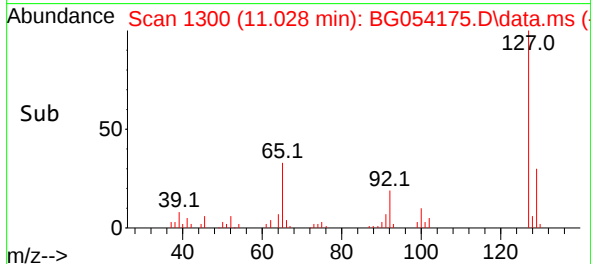
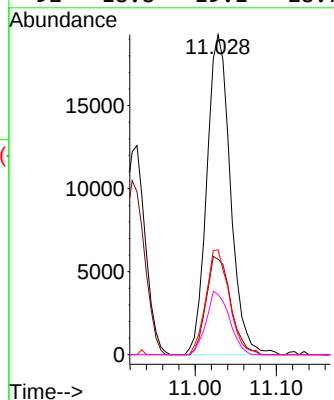
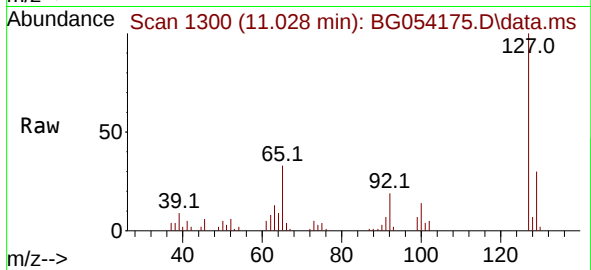




#33
4-Chloroaniline
Concen: 24.641 ng
RT: 11.028 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

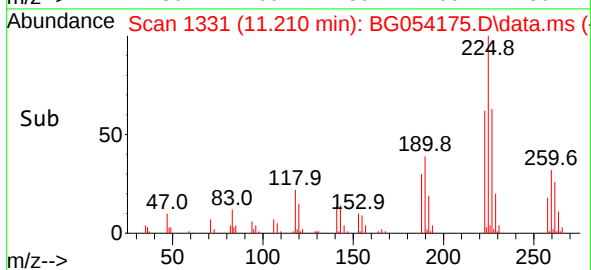
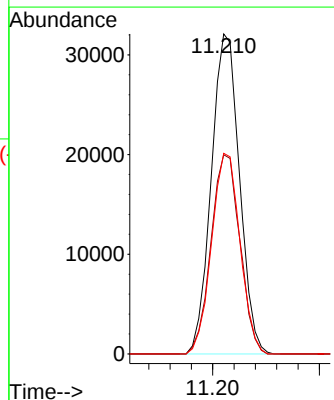
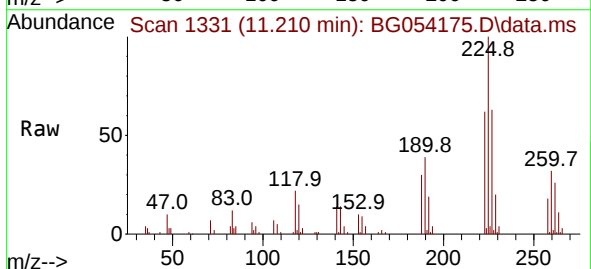
Instrument :
BNA_G
ClientSampleId :
V-1MSD

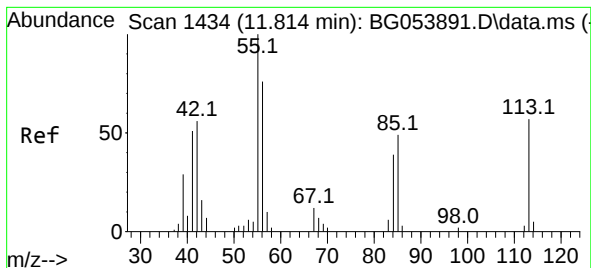
Tgt Ion:127	Resp:	38919
Ion Ratio	Lower	Upper
127	100	
129	29.8	26.3 39.5
65	32.8	31.1 46.7
92	18.8	19.1 28.7



#34
Hexachlorobutadiene
Concen: 48.774 ng
RT: 11.210 min Scan# 1331
Delta R.T. -0.009 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:225	Resp:	58814
Ion Ratio	Lower	Upper
225	100	
223	62.9	48.9 73.3
227	60.2	52.8 79.2





#35

Caprolactam

Concen: 31.052 ng

RT: 11.798 min Scan# 1431

Delta R.T. 0.008 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

Instrument :

BNA_G

ClientSampleId :

V-1MSD

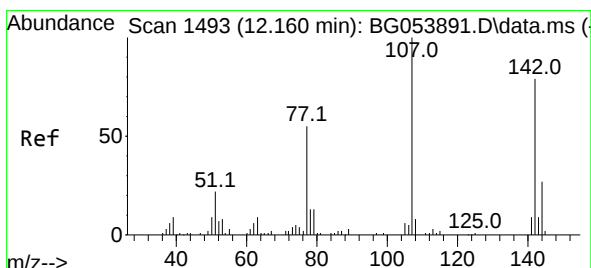
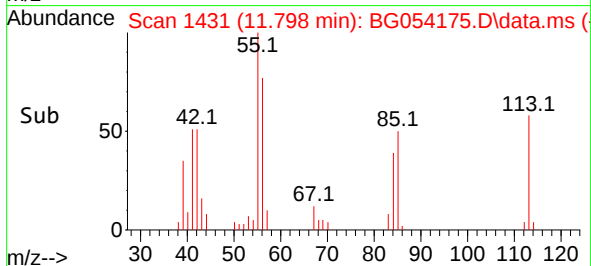
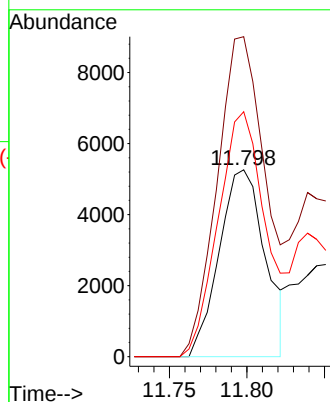
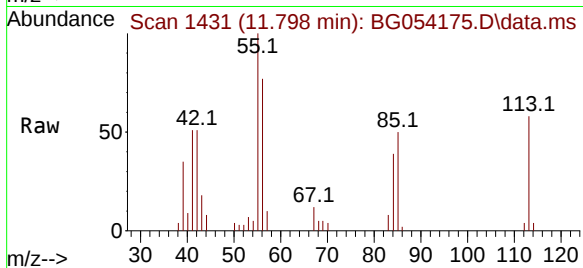
Tgt Ion:113 Resp: 10828

Ion Ratio Lower Upper

113 100

55 171.3 169.8 209.8

56 131.1 141.2 181.2#



#36

4-Chloro-3-methylphenol

Concen: 52.686 ng

RT: 12.150 min Scan# 1491

Delta R.T. -0.003 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

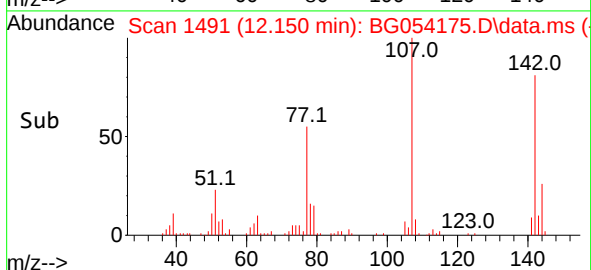
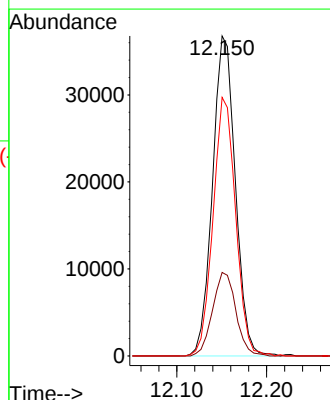
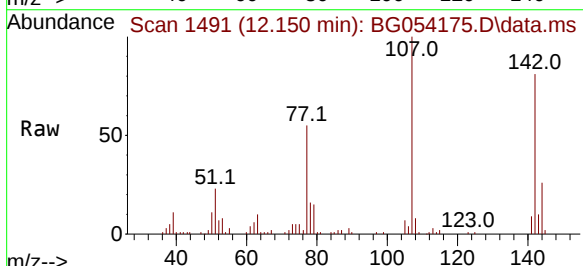
Tgt Ion:107 Resp: 64875

Ion Ratio Lower Upper

107 100

144 26.1 18.5 27.7

142 80.8 55.0 82.4





#37

2-Methylnaphthalene

Concen: 45.974 ng

RT: 12.526 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

Instrument :

BNA_G

ClientSampleId :

V-1MSD

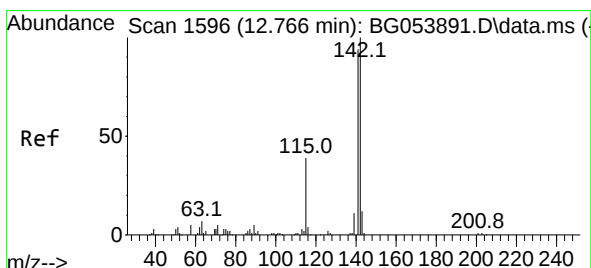
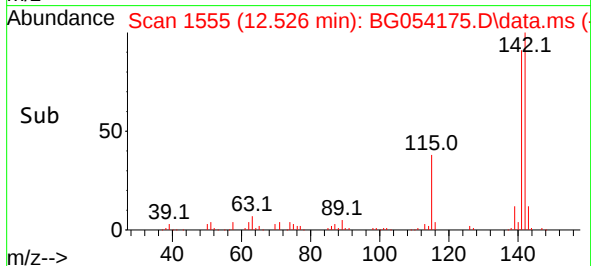
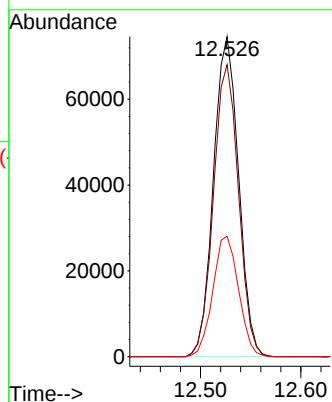
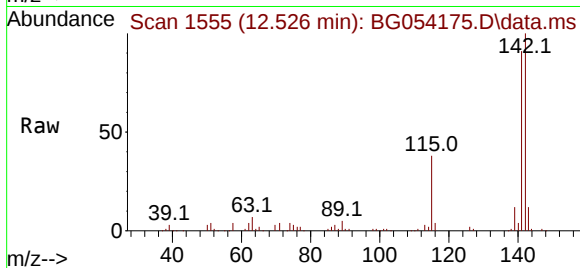
Tgt Ion:142 Resp: 129497

Ion Ratio Lower Upper

142 100

141 91.2 72.3 108.5

115 37.7 33.7 50.5



#38

1-Methylnaphthalene

Concen: 45.633 ng

RT: 12.744 min Scan# 1592

Delta R.T. -0.003 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

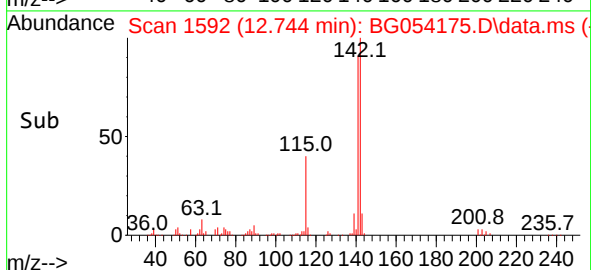
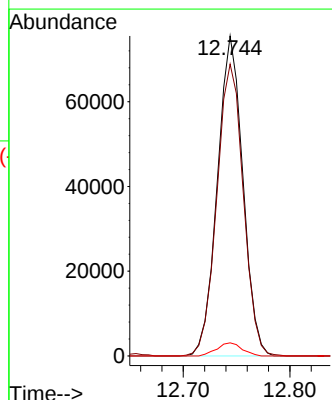
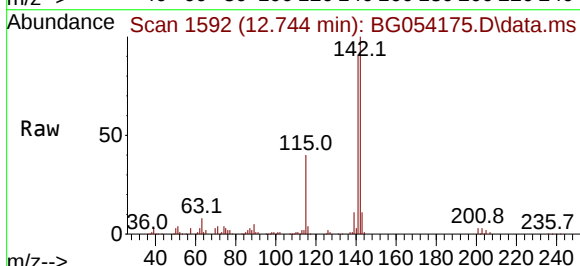
Tgt Ion:142 Resp: 125156

Ion Ratio Lower Upper

142 100

141 91.2 76.4 114.6

116 4.1 3.3 4.9

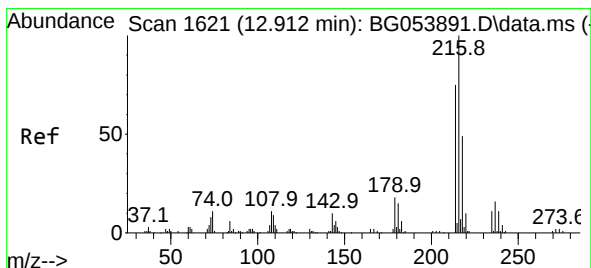
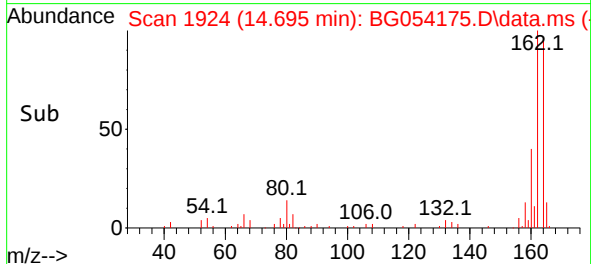
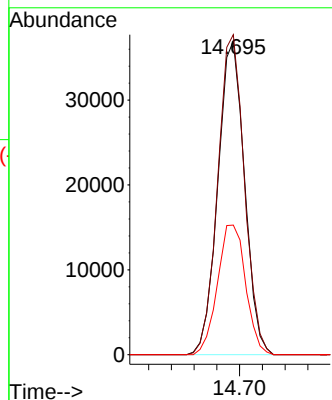
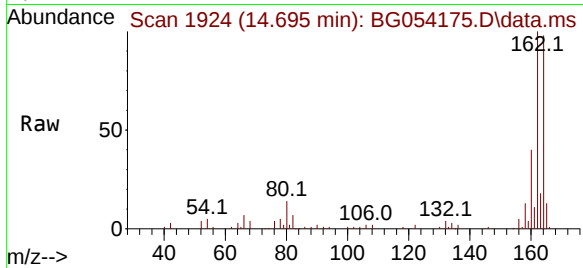




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.695 min Scan# 1924
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

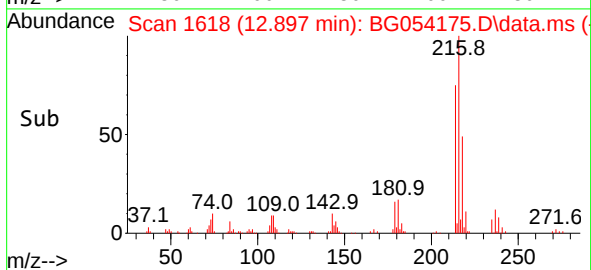
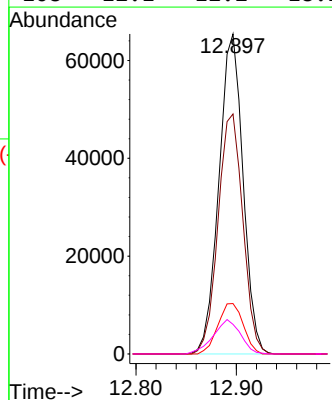
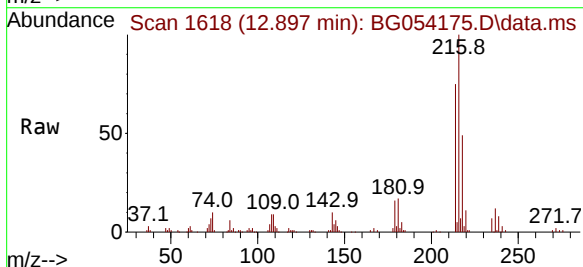
Instrument :
BNA_G
ClientSampleId :
V-1MSD

Tgt Ion:164 Resp: 60067
Ion Ratio Lower Upper
164 100
162 102.1 82.3 123.5
160 41.3 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.036 ng
RT: 12.897 min Scan# 1618
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:216 Resp: 108867
Ion Ratio Lower Upper
216 100
214 77.0 62.9 94.3
179 16.7 16.1 24.1
108 12.1 12.2 18.2#

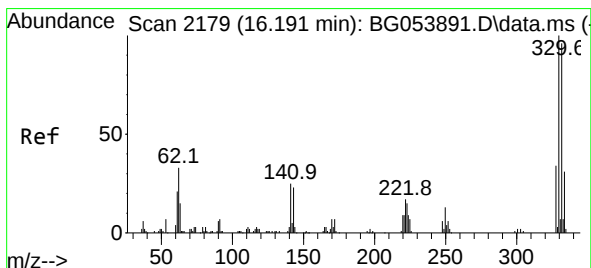
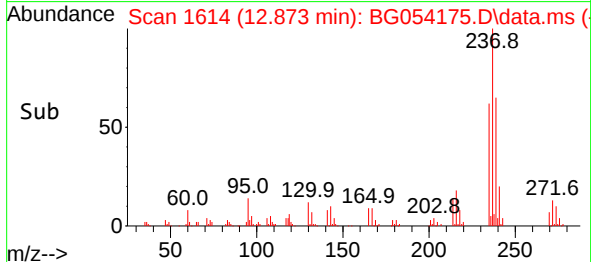
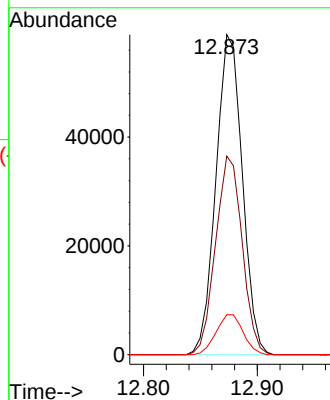
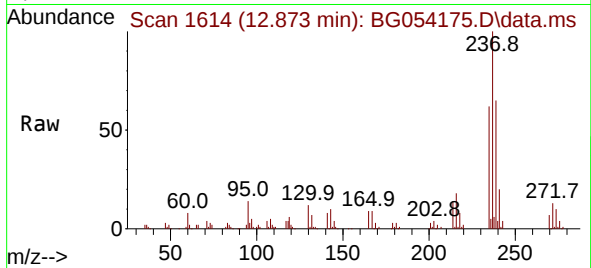




#41
Hexachlorocyclopentadiene
Concen: 88.056 ng
RT: 12.873 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

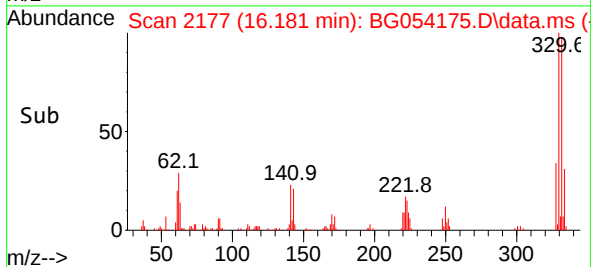
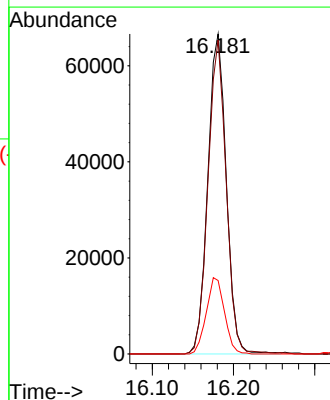
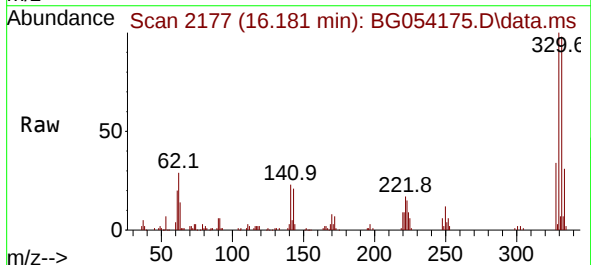
Instrument :
BNA_G
ClientSampleId :
V-1MSD

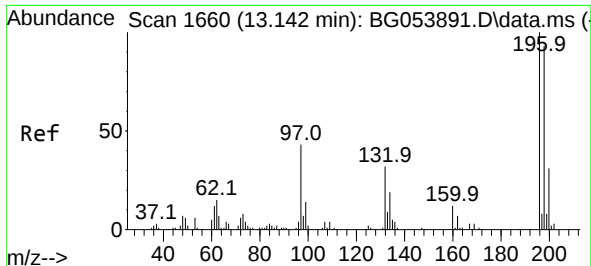
Tgt Ion:237 Resp: 94902
Ion Ratio Lower Upper
237 100
235 62.1 43.5 83.5
272 12.5 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 108.875 ng
RT: 16.181 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:330 Resp: 105073
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 23.5 27.1 40.7#

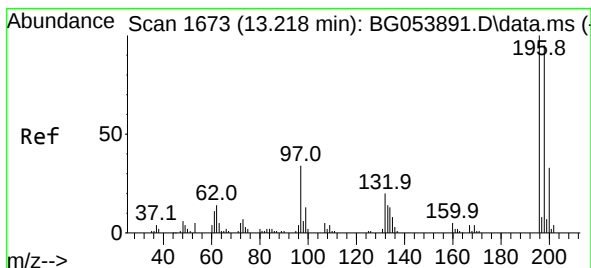
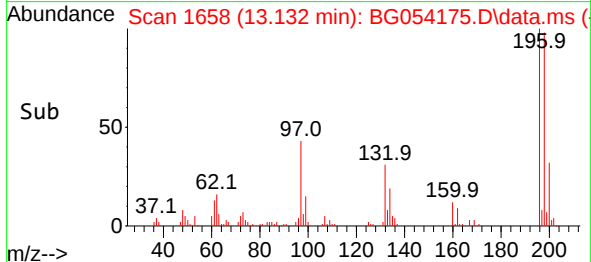
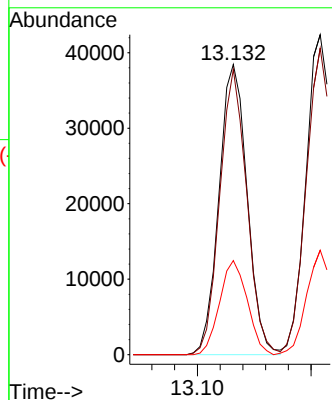
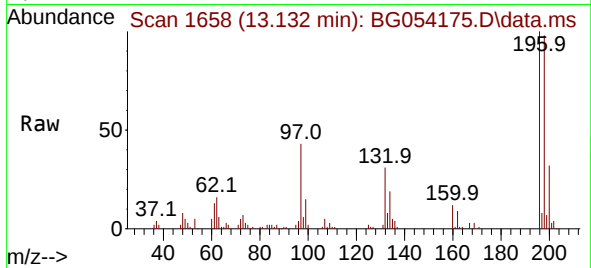




#43
2,4,6-Trichlorophenol
Concen: 50.978 ng
RT: 13.132 min Scan# 1658
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

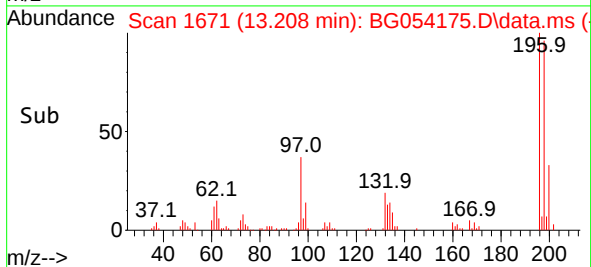
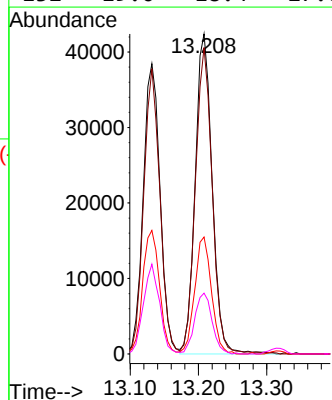
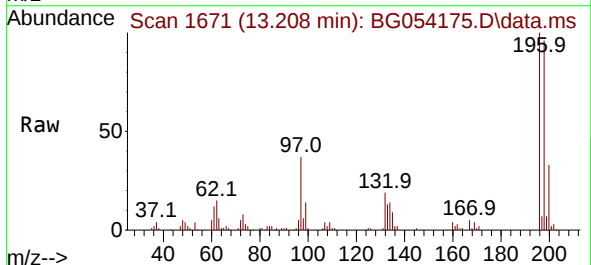
Instrument :
BNA_G
ClientSampleId :
V-1MSD

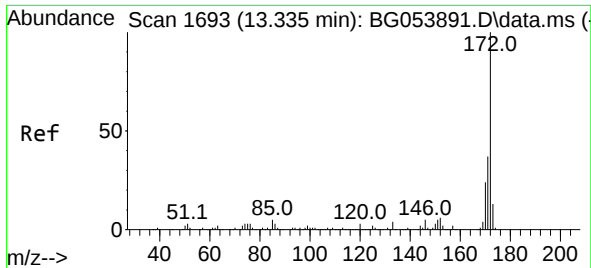
Tgt Ion:196 Resp: 66277
Ion Ratio Lower Upper
196 100
198 98.3 74.1 111.1
200 32.4 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 50.442 ng
RT: 13.208 min Scan# 1671
Delta R.T. 0.002 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:196 Resp: 73225
Ion Ratio Lower Upper
196 100
198 95.7 76.8 115.2
97 36.5 39.8 59.6#
132 19.0 18.4 27.6

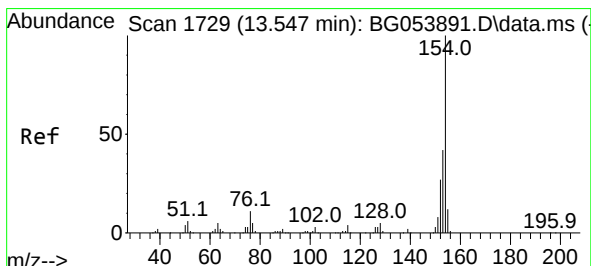
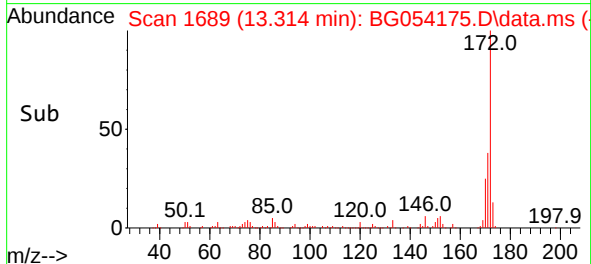
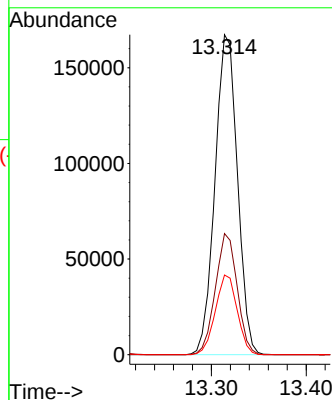
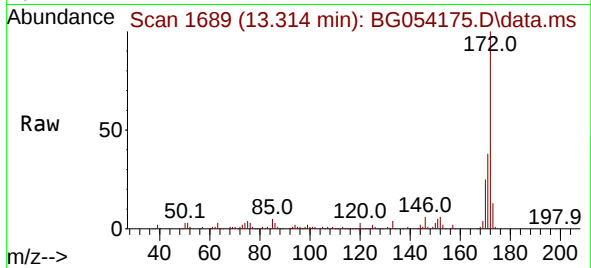




#45
2-Fluorobiphenyl
Concen: 66.677 ng
RT: 13.314 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

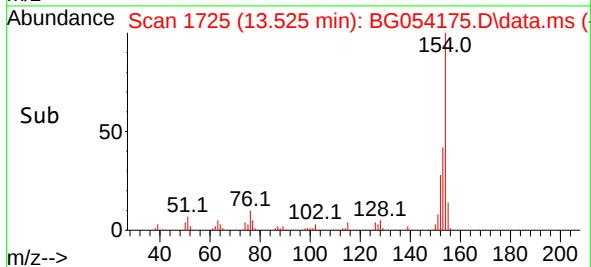
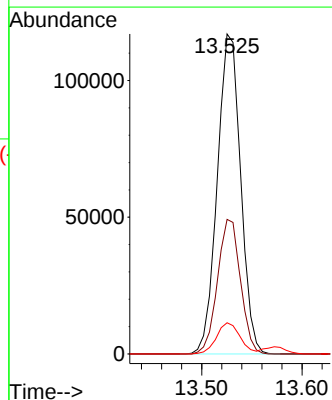
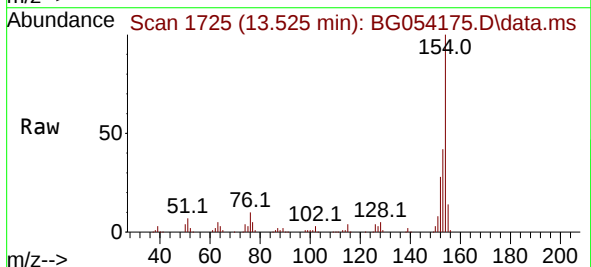
Instrument :
BNA_G
ClientSampleId :
V-1MSD

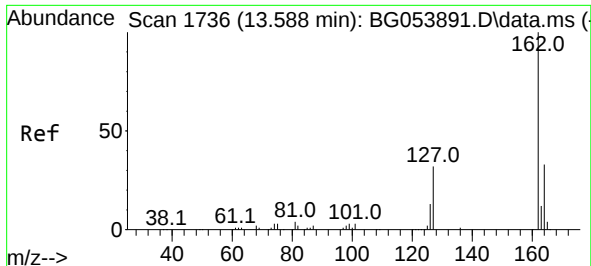
Tgt Ion:172 Resp: 275426
Ion Ratio Lower Upper
172 100
171 37.9 28.5 42.7
170 24.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.093 ng
RT: 13.525 min Scan# 1725
Delta R.T. -0.009 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:154 Resp: 188670
Ion Ratio Lower Upper
154 100
153 42.0 21.6 61.6
76 9.8 0.0 32.6





#47

2-Chloronaphthalene

Concen: 45.466 ng

RT: 13.572 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

Instrument :

BNA_G

ClientSampleId :

V-1MSD

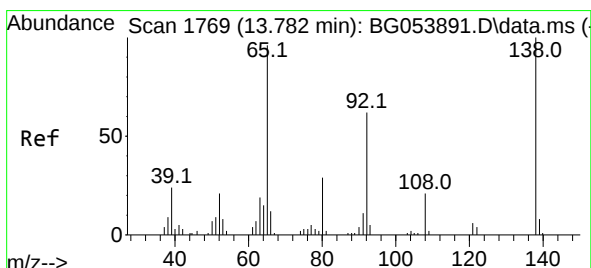
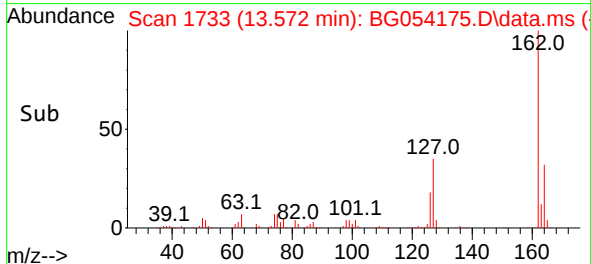
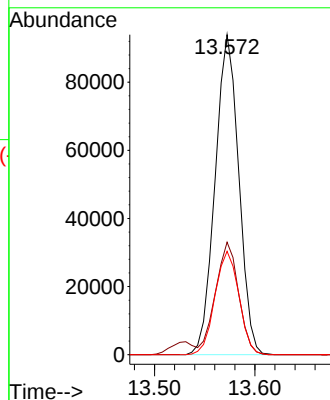
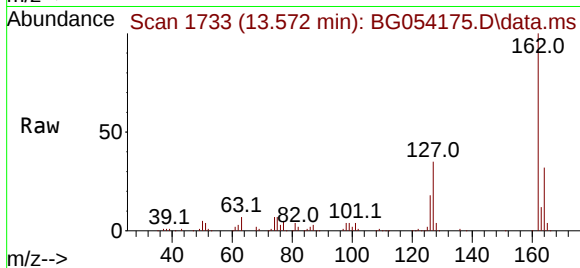
Tgt Ion:162 Resp: 153954

Ion Ratio Lower Upper

162 100

127 35.2 30.6 45.8

164 32.3 26.5 39.7



#48

2-Nitroaniline

Concen: 49.467 ng

RT: 13.766 min Scan# 1766

Delta R.T. -0.003 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

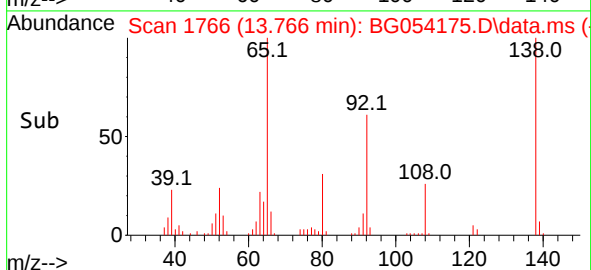
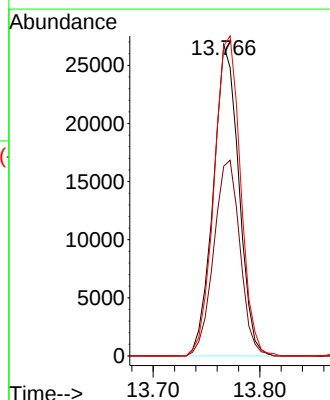
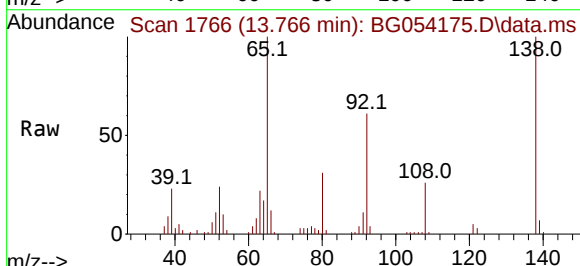
Tgt Ion: 65 Resp: 44557

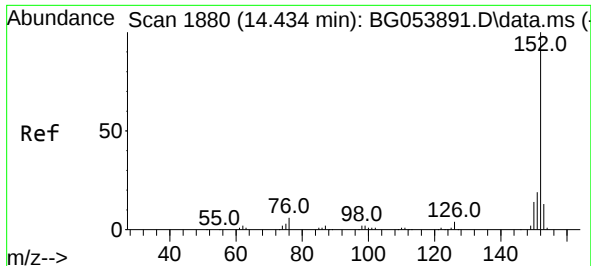
Ion Ratio Lower Upper

65 100

92 61.0 51.5 77.3

138 99.6 71.3 106.9

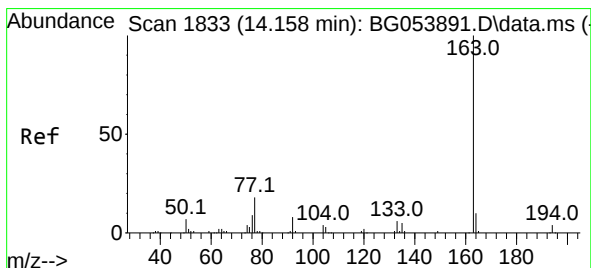
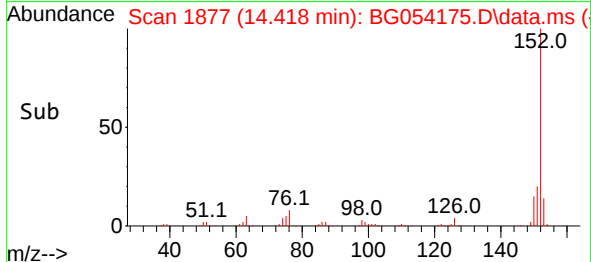
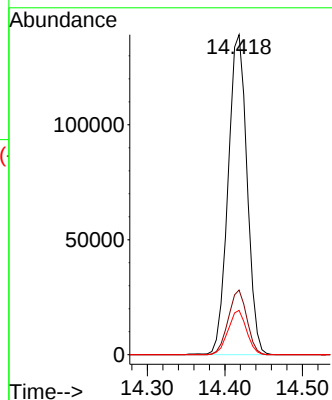
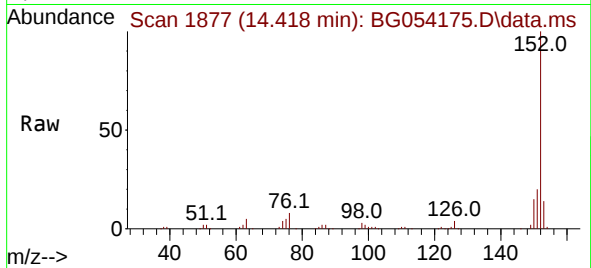




#49
Acenaphthylene
Concen: 44.941 ng
RT: 14.418 min Scan# 1877
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

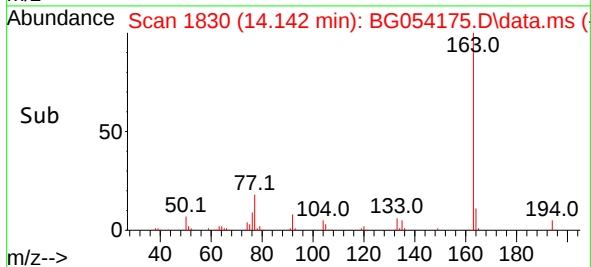
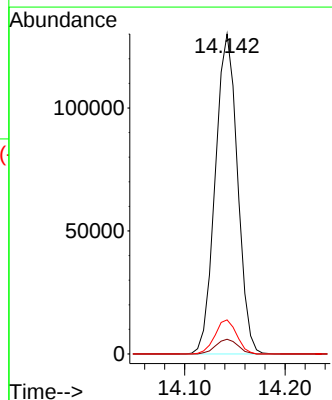
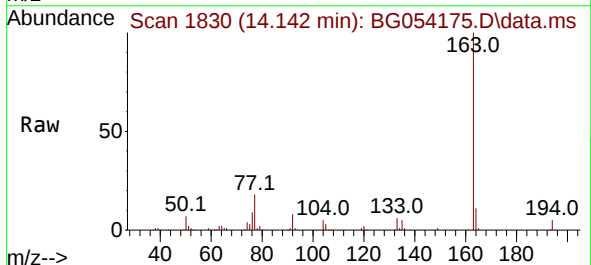
Instrument :
BNA_G
ClientSampleId :
V-1MSD

Tgt Ion:152 Resp: 236631
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.9 10.8 16.2



#50
Dimethylphthalate
Concen: 43.730 ng
RT: 14.142 min Scan# 1830
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:163 Resp: 200047
Ion Ratio Lower Upper
163 100
194 4.6 3.0 4.6#
164 10.6 8.0 12.0

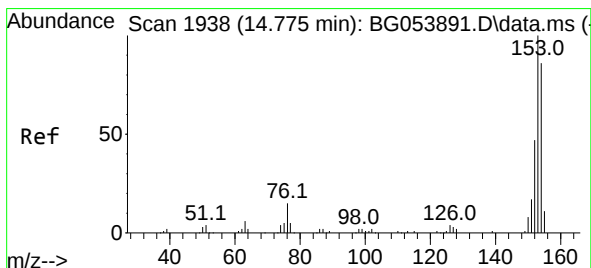
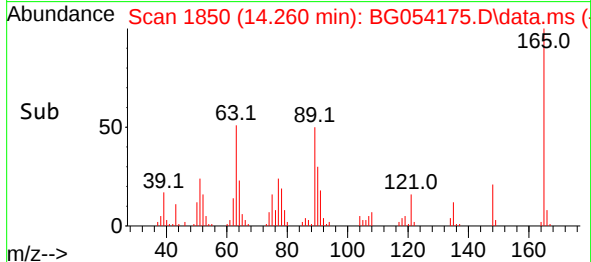
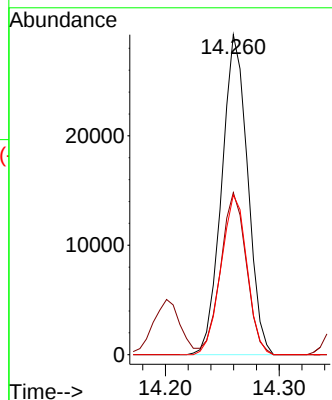
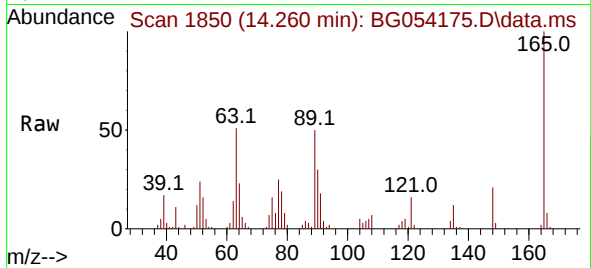




#51
2,6-Dinitrotoluene
Concen: 50.004 ng
RT: 14.260 min Scan# 1850
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

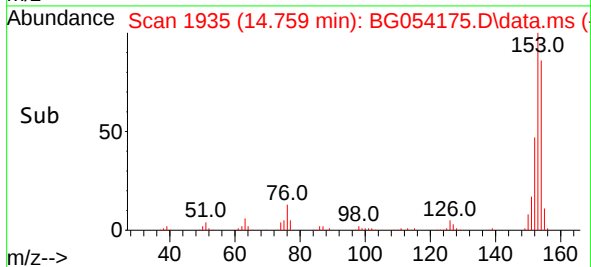
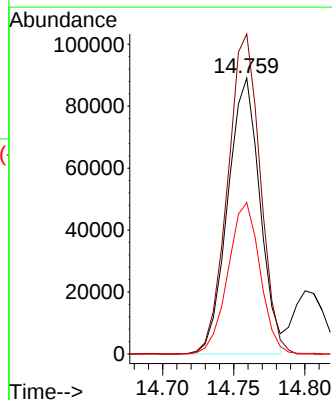
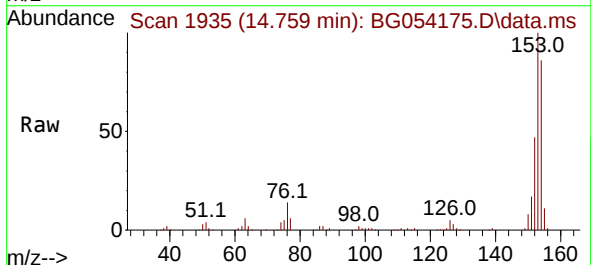
Instrument :
BNA_G
ClientSampleId :
V-1MSD

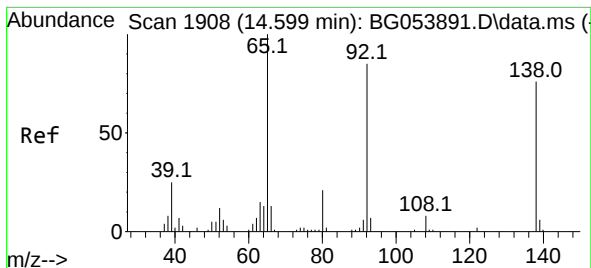
Tgt Ion:165 Resp: 46217
Ion Ratio Lower Upper
165 100
63 50.6 54.1 81.1#
89 49.9 54.8 82.2#



#52
Acenaphthene
Concen: 41.971 ng
RT: 14.759 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:154 Resp: 140867
Ion Ratio Lower Upper
154 100
153 116.0 92.7 139.1
152 54.9 42.6 64.0

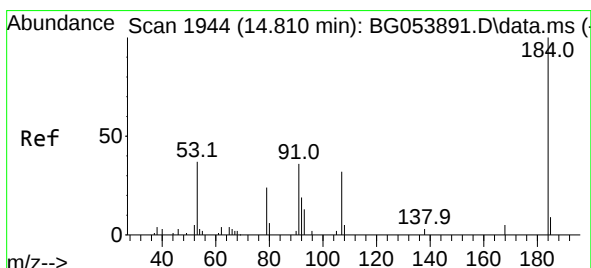
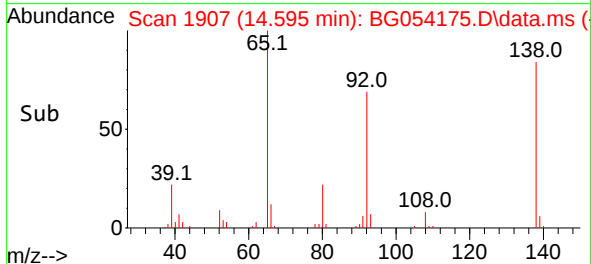
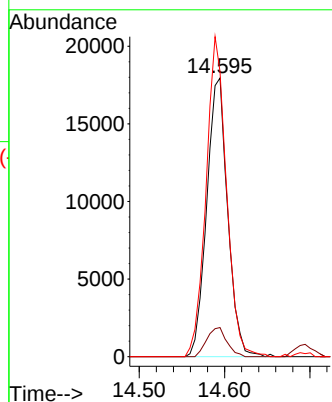
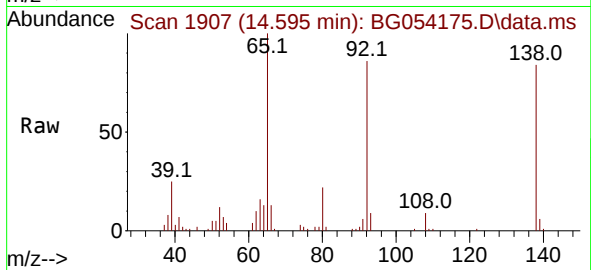




#53
3-Nitroaniline
Concen: 34.169 ng
RT: 14.595 min Scan# 1907
Delta R.T. 0.002 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

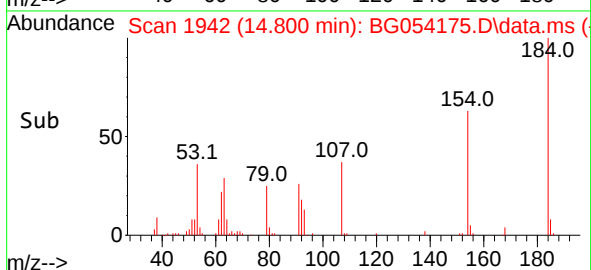
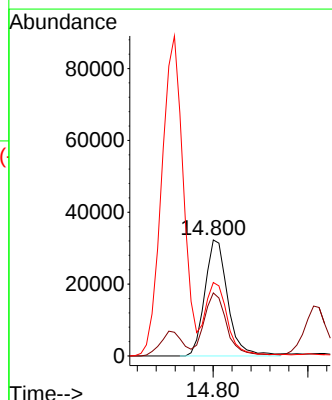
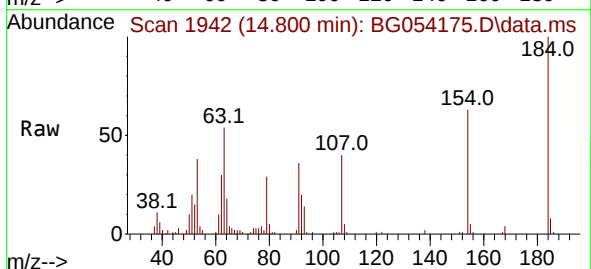
Instrument :
BNA_G
ClientSampleId :
V-1MSD

Tgt Ion:138 Resp: 30596
Ion Ratio Lower Upper
138 100
108 10.4 9.2 13.8
92 102.2 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 103.867 ng
RT: 14.800 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:184 Resp: 54148
Ion Ratio Lower Upper
184 100
63 54.4 61.1 91.7#
154 63.3 60.6 91.0

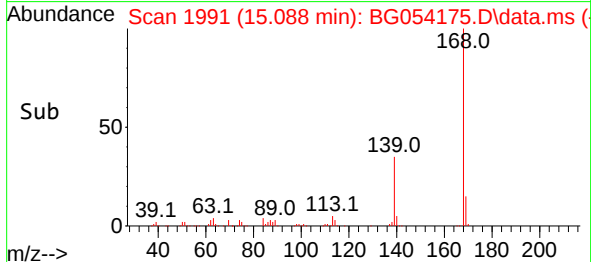
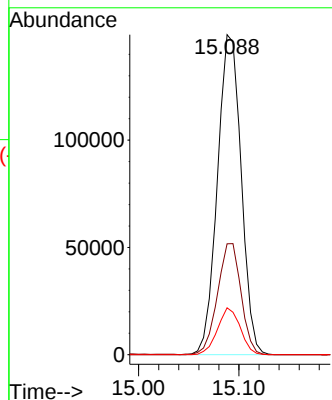
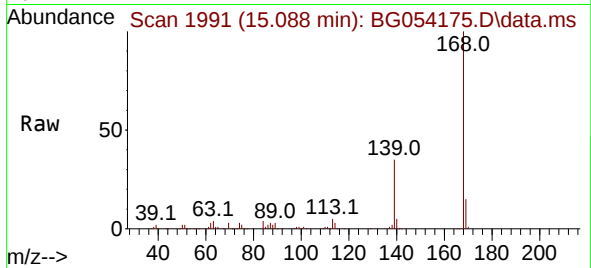




#55
Dibenzenofuran
Concen: 45.293 ng
RT: 15.088 min Scan# 1995
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

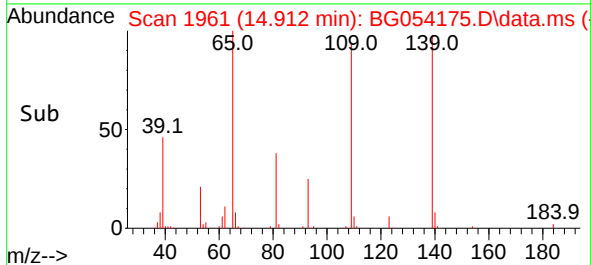
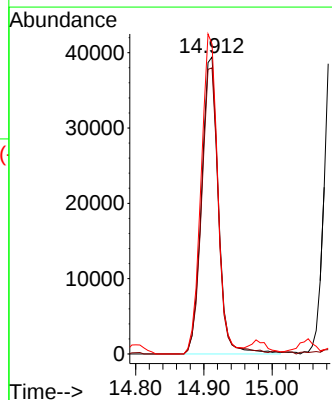
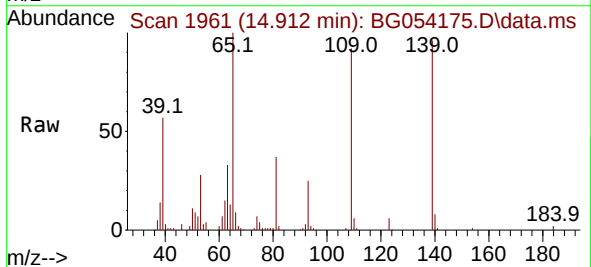
Instrument :
BNA_G
ClientSampleId :
V-1MSD

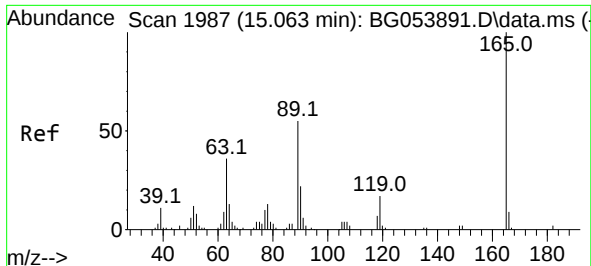
Tgt Ion:168 Resp: 244927
Ion Ratio Lower Upper
168 100
139 34.6 30.5 45.7
169 14.7 10.3 15.5



#56
4-Nitrophenol
Concen: 106.740 ng
RT: 14.912 min Scan# 1961
Delta R.T. 0.014 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:139 Resp: 67858
Ion Ratio Lower Upper
139 100
109 96.3 88.5 128.5
65 104.3 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 51.530 ng

RT: 15.053 min Scan# 1985

Delta R.T. 0.002 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

Instrument :

BNA_G

ClientSampleId :

V-1MSD

Tgt Ion:165 Resp: 67264

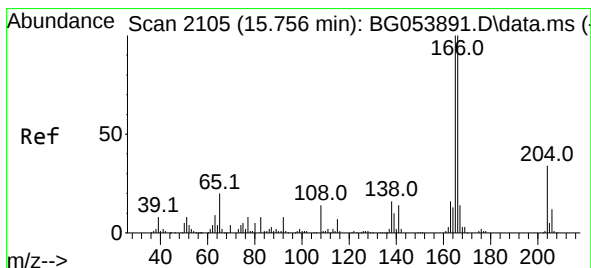
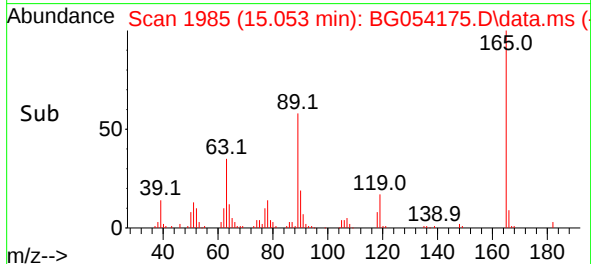
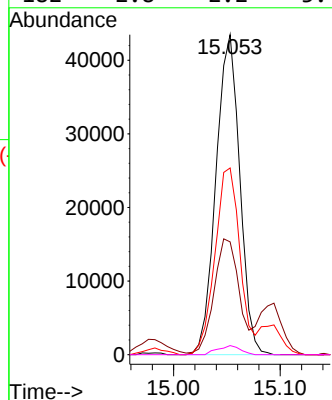
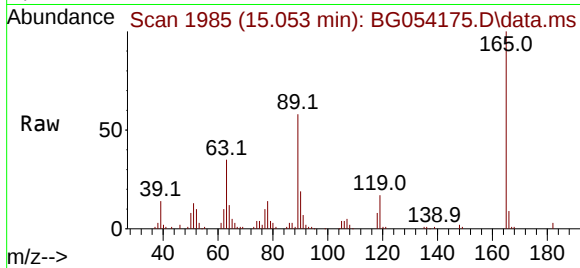
Ion Ratio Lower Upper

165 100

63 35.2 34.6 52.0

89 58.3 60.3 90.5#

182 2.8 2.2 3.4



#58

Fluorene

Concen: 46.098 ng

RT: 15.740 min Scan# 2102

Delta R.T. -0.003 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

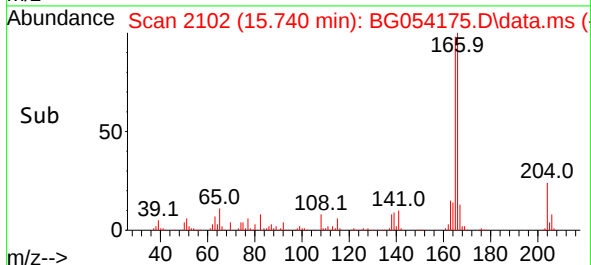
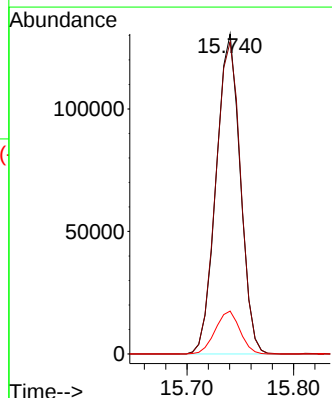
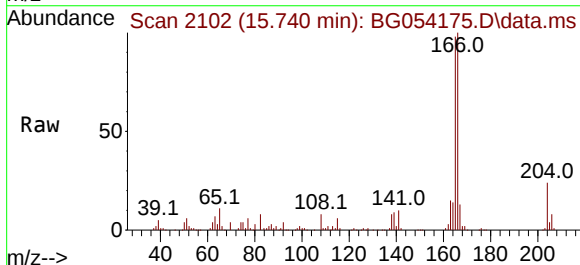
Tgt Ion:166 Resp: 204670

Ion Ratio Lower Upper

166 100

165 97.5 75.0 112.6

167 13.4 10.8 16.2

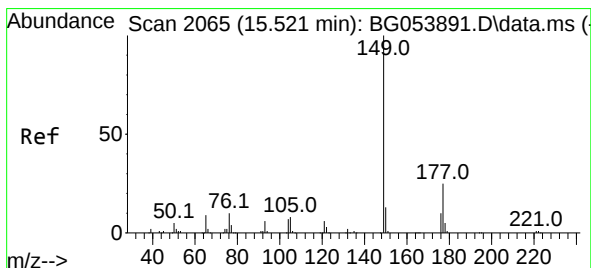
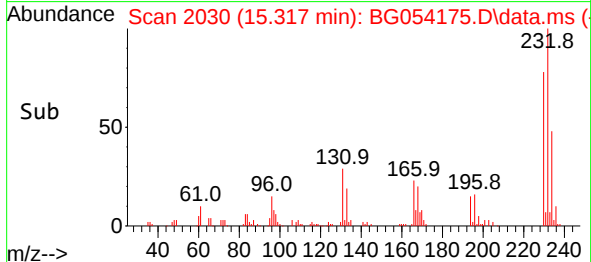
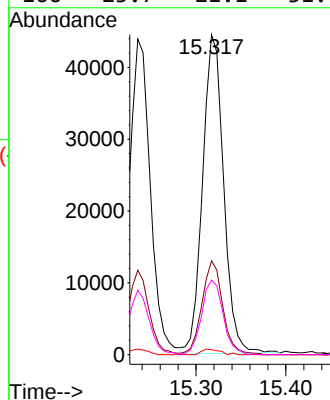
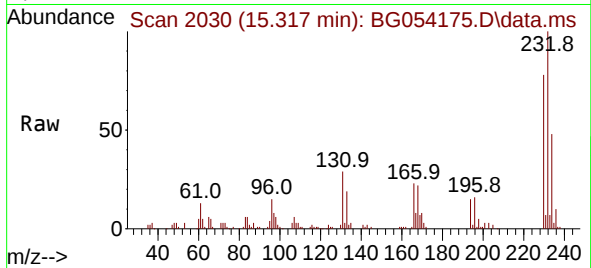




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.035 ng
RT: 15.317 min Scan# 2032
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

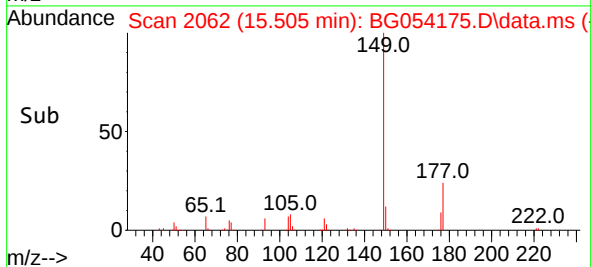
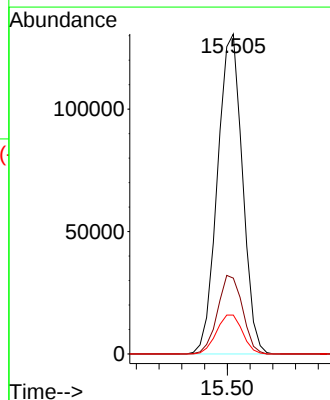
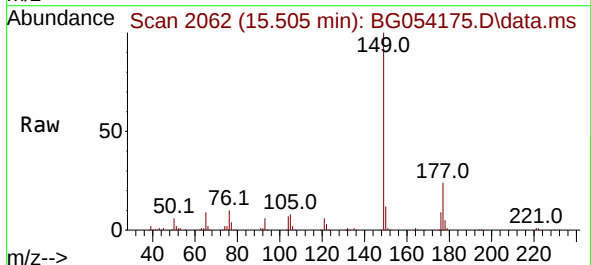
Instrument :
BNA_G
ClientSampleId :
V-1MSD

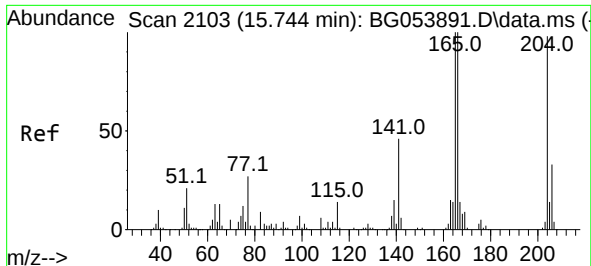
Tgt Ion:232 Resp: 72451
Ion Ratio Lower Upper
232 100
131 29.0 30.6 46.0#
130 1.5 1.8 2.8#
166 23.7 21.1 31.7



#60
Diethylphthalate
Concen: 44.899 ng
RT: 15.505 min Scan# 2062
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:149 Resp: 198910
Ion Ratio Lower Upper
149 100
177 23.7 18.4 27.6
150 12.1 11.2 16.8

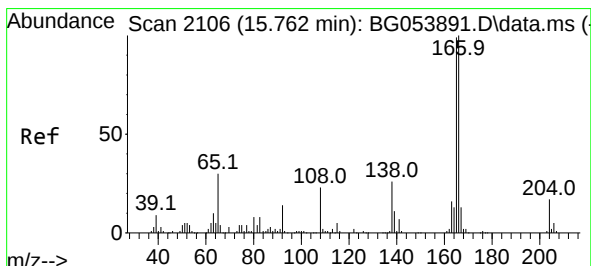
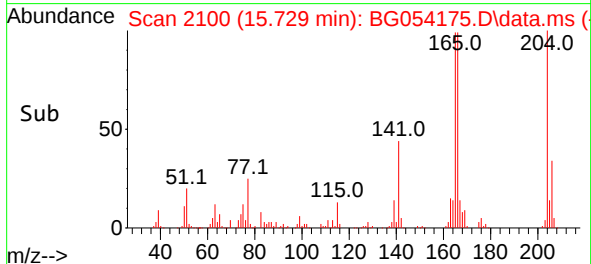
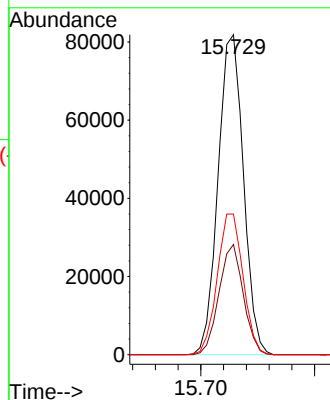
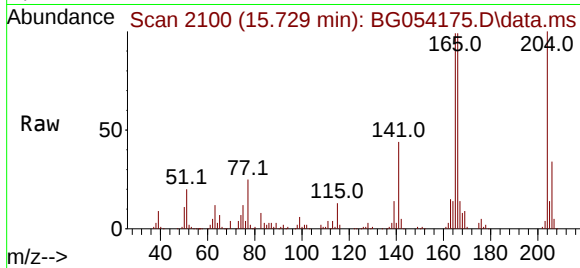




#61
4-Chlorophenyl-phenylether
Concen: 47.692 ng
RT: 15.729 min Scan# 2100
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

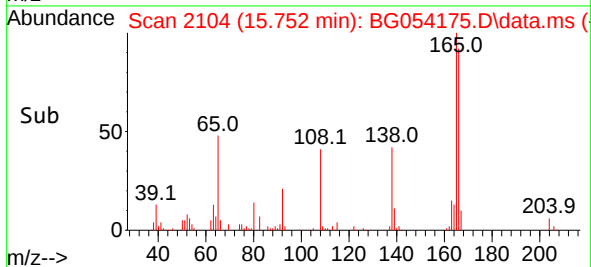
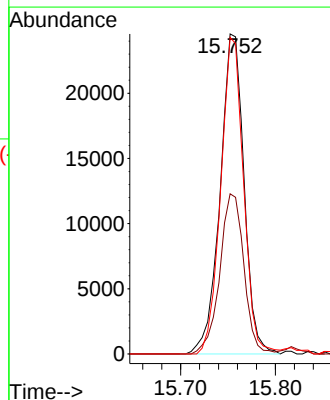
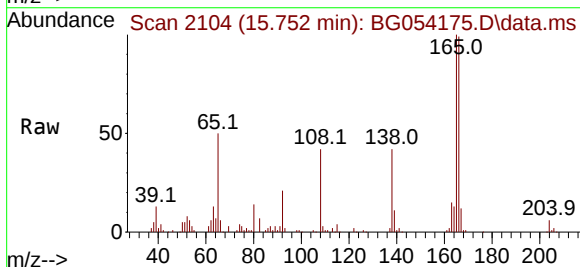
Instrument :
BNA_G
ClientSampleId :
V-1MSD

Tgt Ion:204 Resp: 126769
Ion Ratio Lower Upper
204 100
206 34.4 27.5 41.3
141 43.9 45.3 67.9#



#62
4-Nitroaniline
Concen: 45.993 ng
RT: 15.752 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:138 Resp: 42949
Ion Ratio Lower Upper
138 100
92 50.1 40.5 80.5
108 98.9 103.7 143.7#

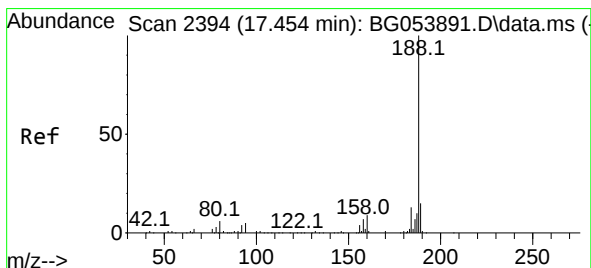
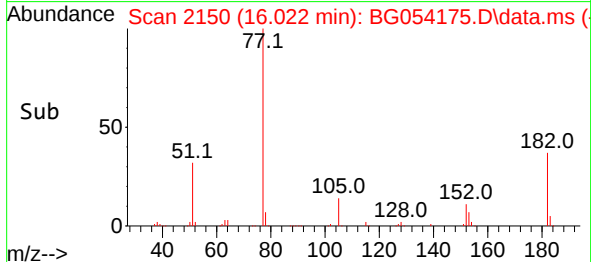
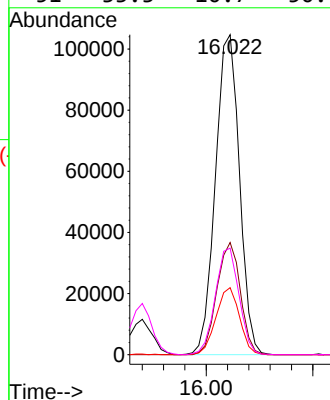
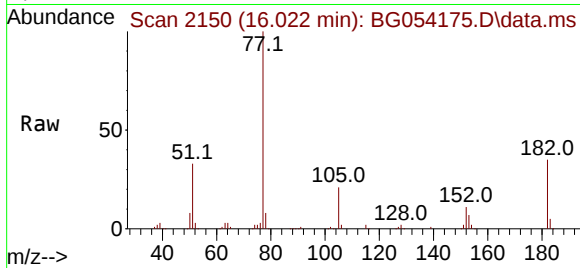




#63
Azobenzene
Concen: 45.869 ng
RT: 16.022 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

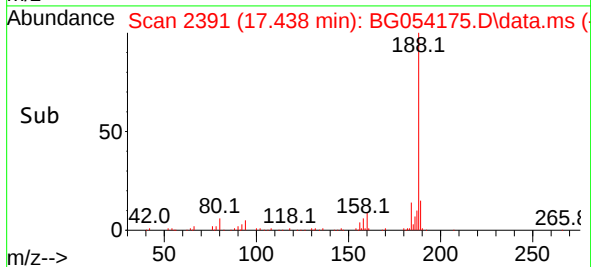
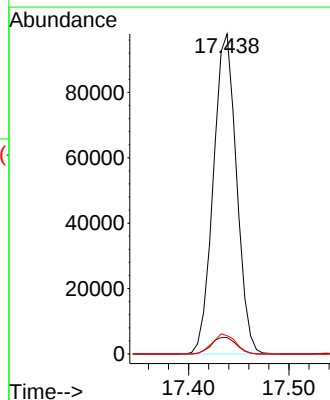
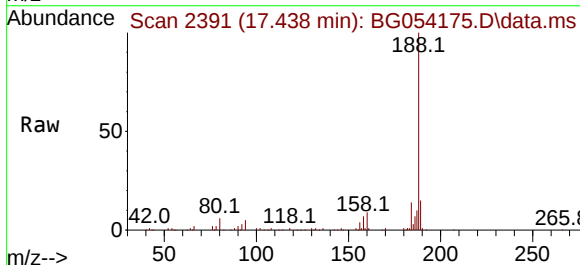
Instrument :
BNA_G
ClientSampleId :
V-1MSD

Tgt Ion: 77	Resp: 163572
Ion Ratio	Lower Upper
77 100	
182 35.1	3.8 43.8
105 21.0	0.0 37.8
51 33.3	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.438 min Scan# 2391
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:188	Resp: 157094
Ion Ratio	Lower Upper
188 100	
94 5.1	5.4 8.0#
80 5.7	6.8 10.2#

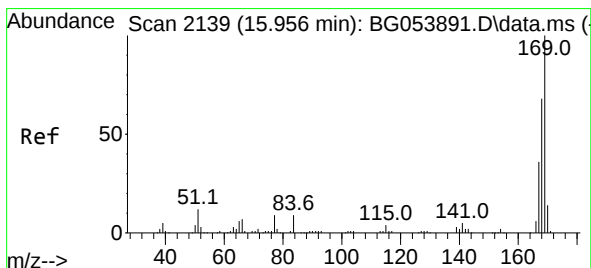
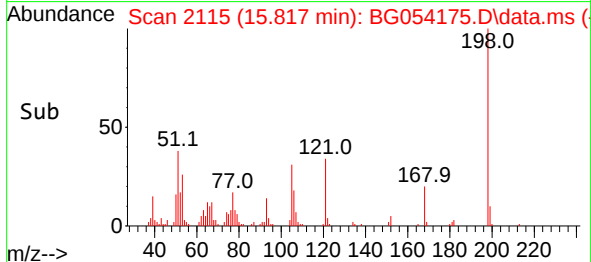
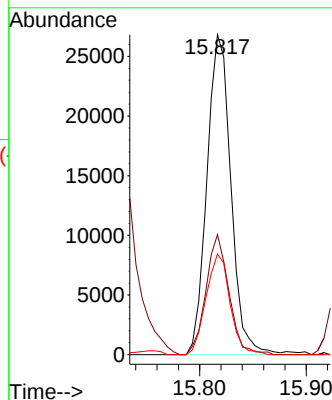
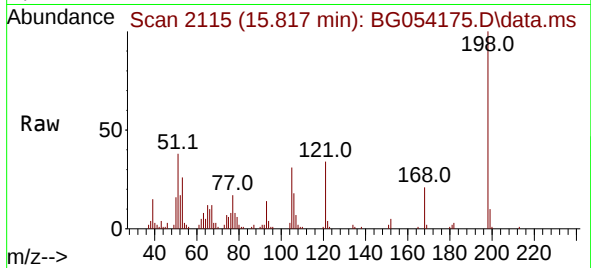




#65
4,6-Dinitro-2-methylphenol
Concen: 53.397 ng
RT: 15.817 min Scan# 2115
Delta R.T. 0.002 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

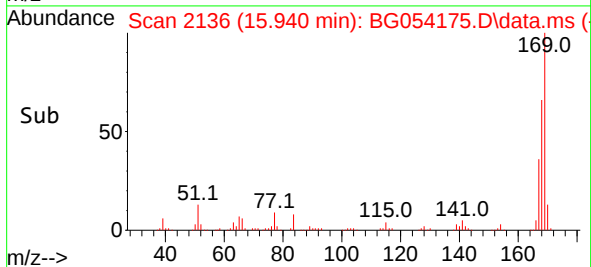
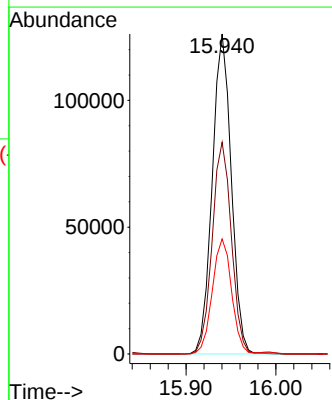
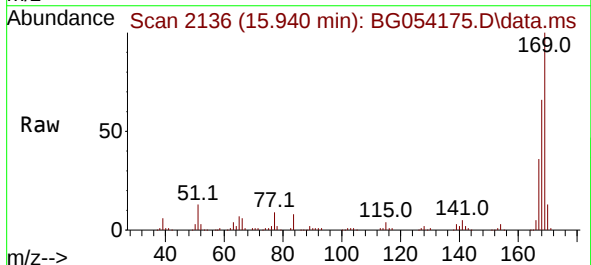
Instrument :
BNA_G
ClientSampleId :
V-1MSD

Tgt Ion:198 Resp: 41850
Ion Ratio Lower Upper
198 100
51 37.5 28.1 68.1
105 31.4 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 45.344 ng
RT: 15.940 min Scan# 2136
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:169 Resp: 185648
Ion Ratio Lower Upper
169 100
168 66.2 55.9 83.9
167 35.9 30.6 46.0

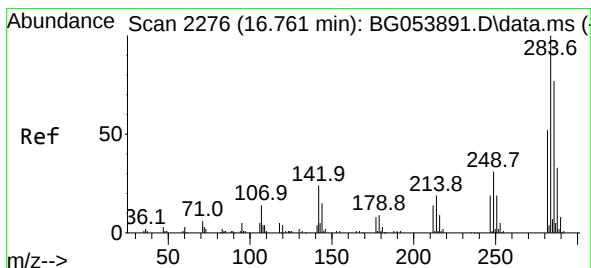
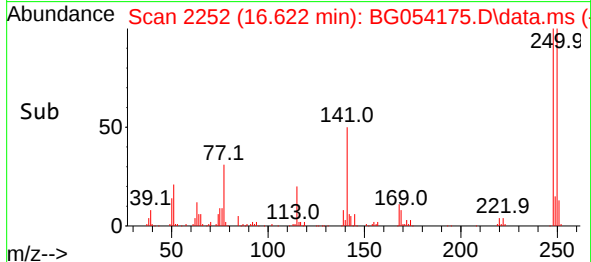
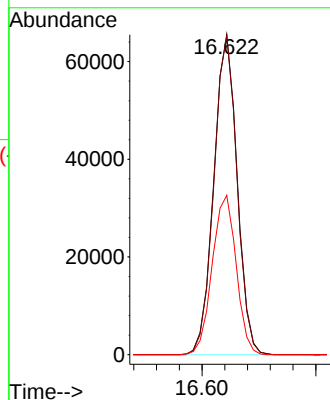
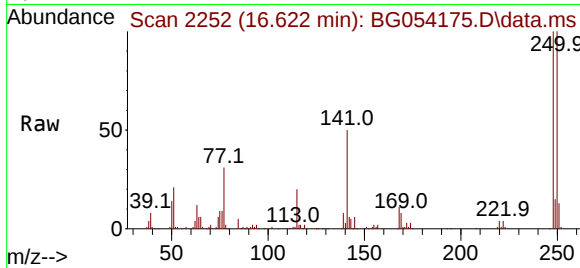




#67
4-Bromophenyl-phenylether
Concen: 47.544 ng
RT: 16.622 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

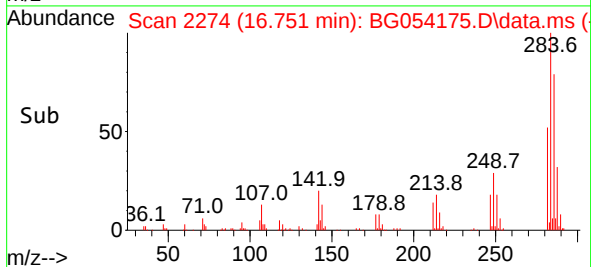
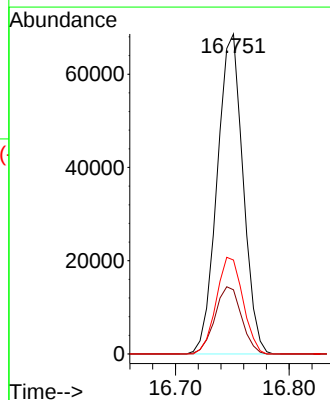
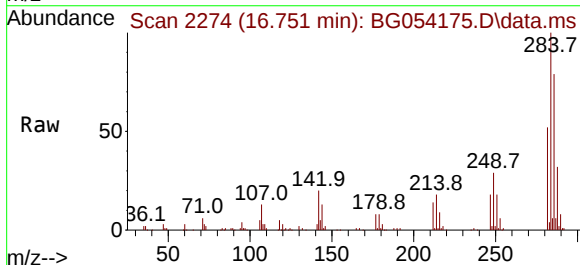
Instrument :
BNA_G
ClientSampleId :
V-1MSD

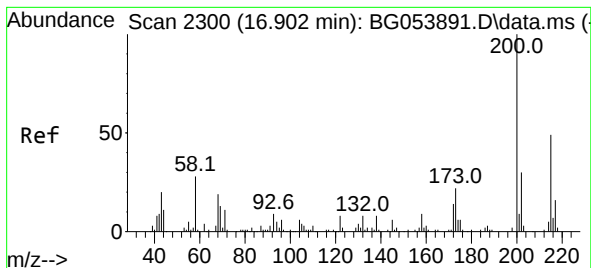
Tgt Ion:248 Resp: 93282
Ion Ratio Lower Upper
248 100
250 99.8 75.2 112.8
141 49.8 50.0 75.0#



#68
Hexachlorobenzene
Concen: 48.305 ng
RT: 16.751 min Scan# 2274
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:284 Resp: 108412
Ion Ratio Lower Upper
284 100
142 20.0 23.6 35.4#
249 31.6 25.8 38.6





#69

Atrazine

Concen: 52.920 ng

RT: 16.886 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

Instrument :

BNA_G

ClientSampleId :

V-1MSD

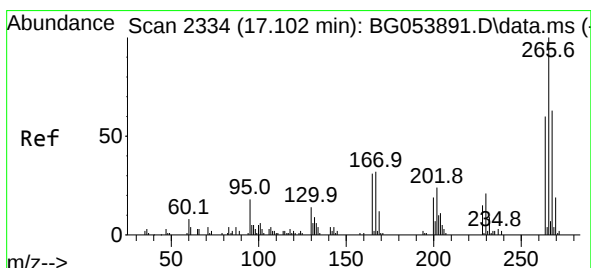
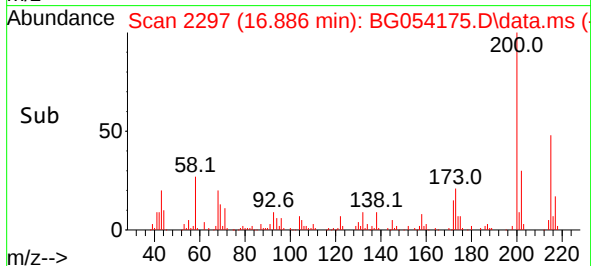
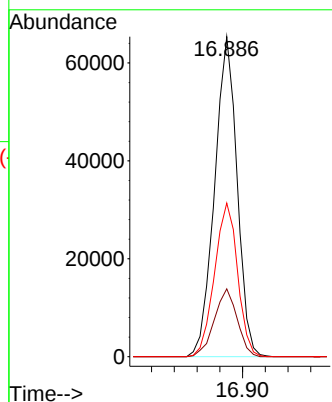
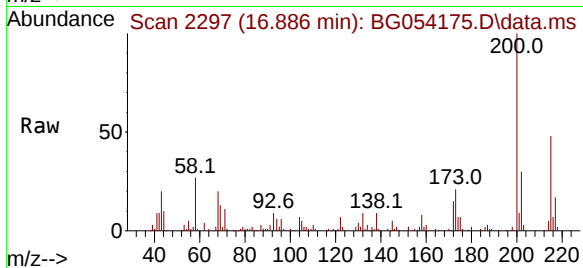
Tgt Ion:200 Resp: 89754

Ion Ratio Lower Upper

200 100

173 21.2 3.7 43.7

215 48.0 25.2 65.2



#70

Pentachlorophenol

Concen: 108.354 ng

RT: 17.092 min Scan# 2332

Delta R.T. -0.003 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

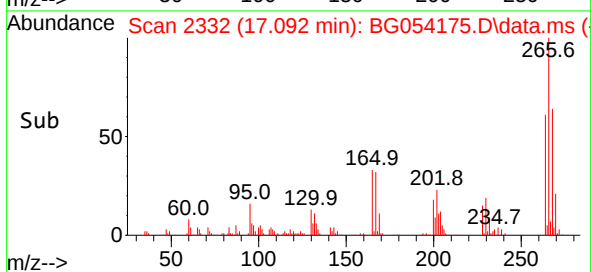
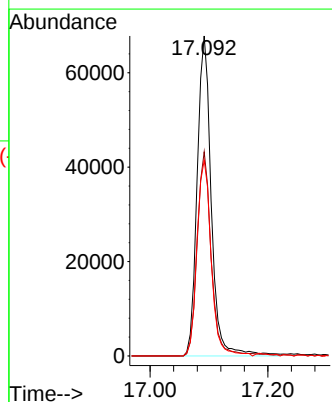
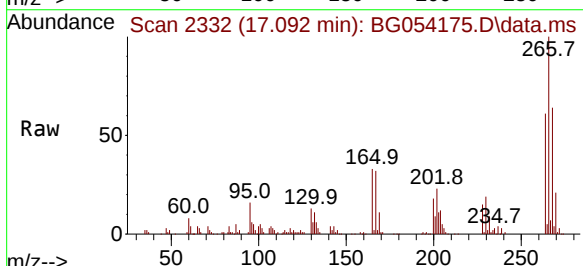
Tgt Ion:266 Resp: 112963

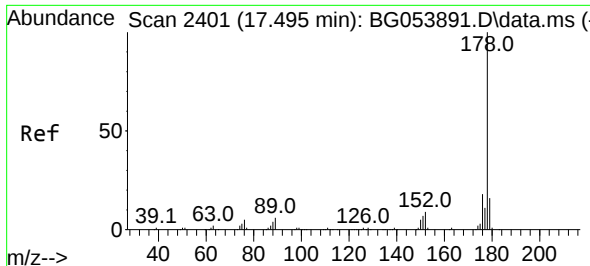
Ion Ratio Lower Upper

266 100

268 68.1 56.2 84.2

264 61.2 53.0 79.4

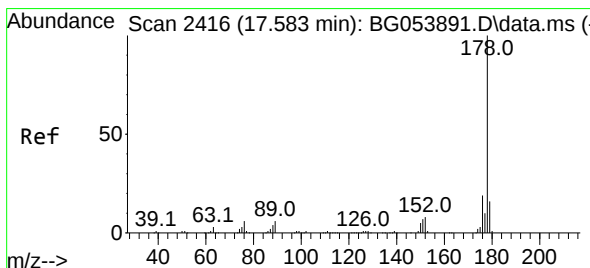
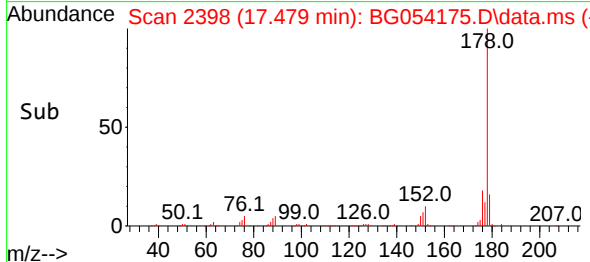
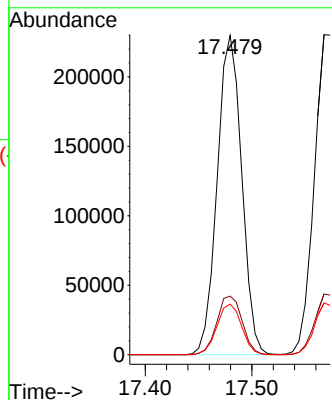
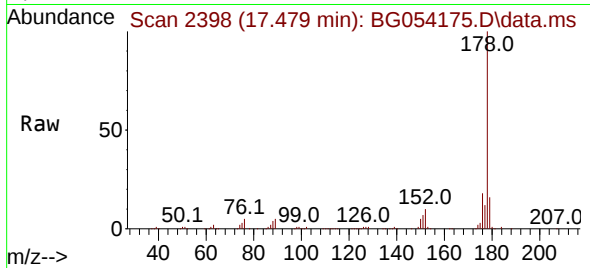




#71
Phenanthrene
Concen: 45.413 ng
RT: 17.479 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

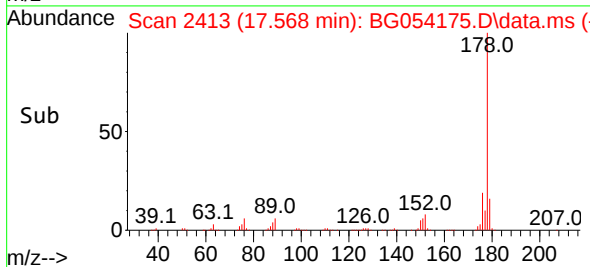
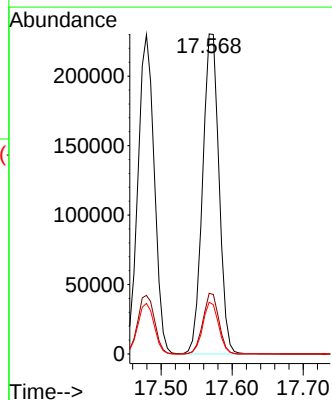
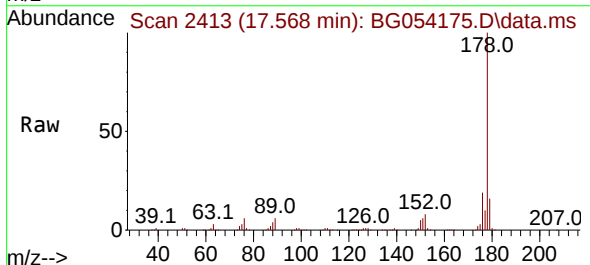
Instrument :
BNA_G
ClientSampleId :
V-1MSD

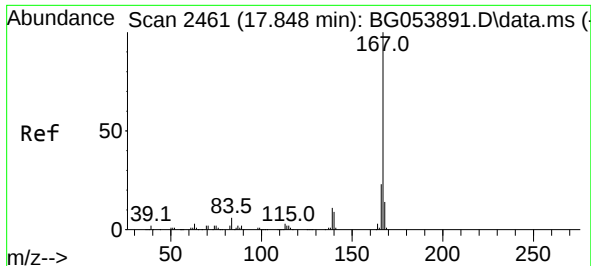
Tgt Ion:178 Resp: 366533
Ion Ratio Lower Upper
178 100
176 18.4 14.1 21.1
179 15.8 12.1 18.1



#72
Anthracene
Concen: 46.878 ng
RT: 17.568 min Scan# 2413
Delta R.T. -0.009 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:178 Resp: 369473
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 16.1 13.0 19.4

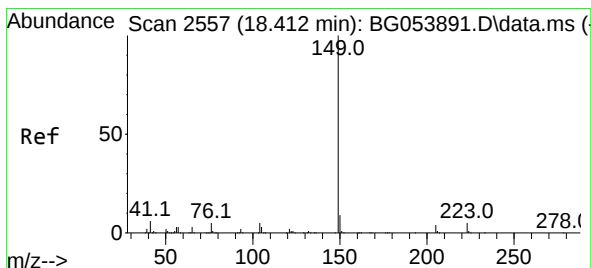
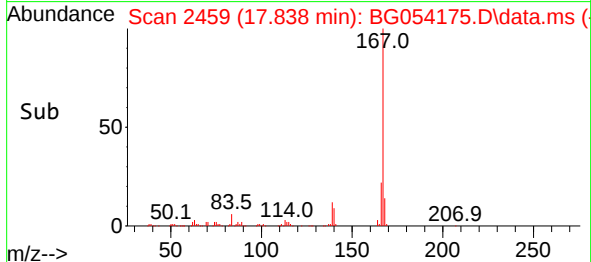
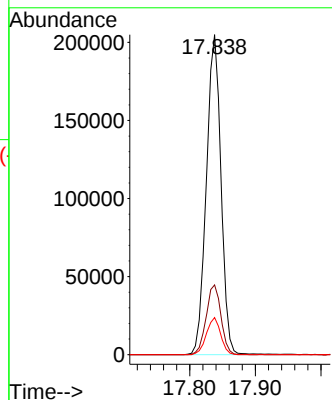
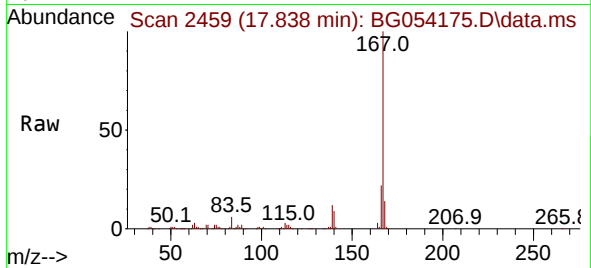




#73
 Carbazole
 Concen: 47.079 ng
 RT: 17.838 min Scan# 2461
 Delta R.T. -0.003 min
 Lab File: BG054175.D
 Acq: 30 Jun 2022 18:45

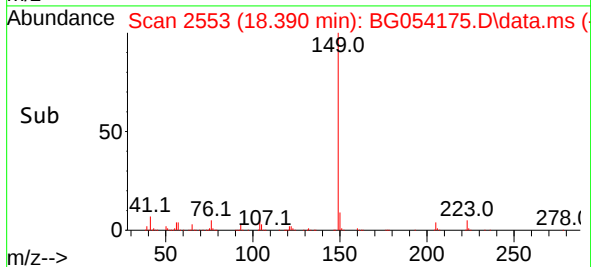
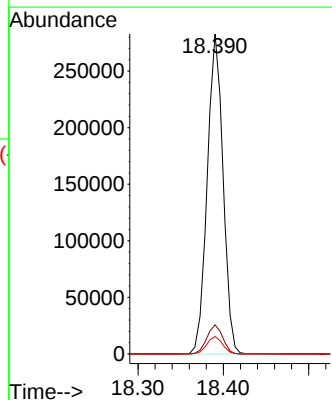
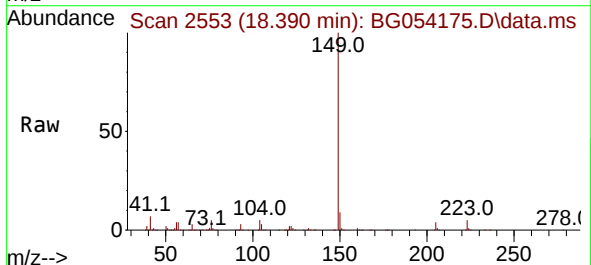
Instrument :
 BNA_G
 ClientSampleId :
 V-1MSD

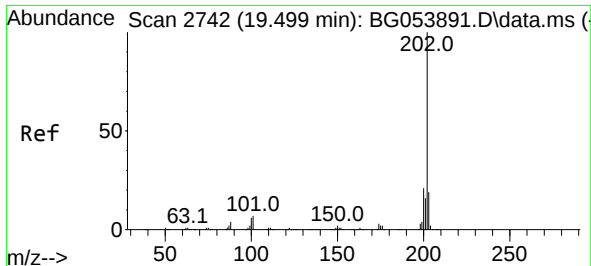
Tgt Ion:167	Resp:	318490	
Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.2
139	11.6	10.1	15.1



#74
 Di-n-butylphthalate
 Concen: 46.500 ng
 RT: 18.390 min Scan# 2553
 Delta R.T. -0.009 min
 Lab File: BG054175.D
 Acq: 30 Jun 2022 18:45

Tgt Ion:149	Resp:	363719	
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.5	5.4	8.0

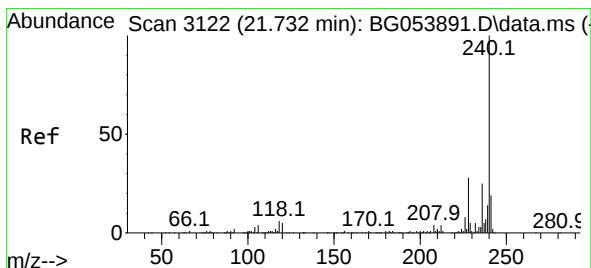
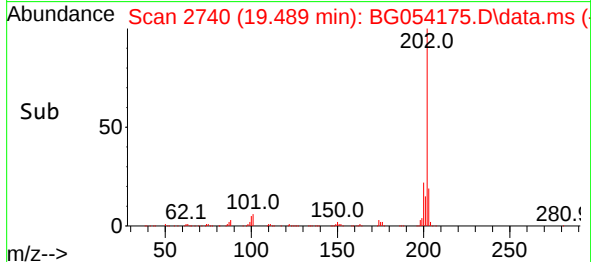
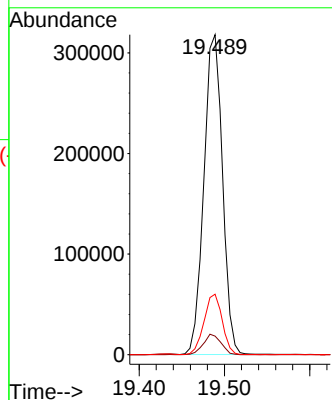
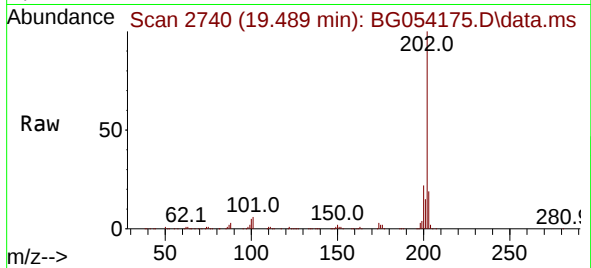




#75
Fluoranthene
Concen: 45.495 ng
RT: 19.489 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

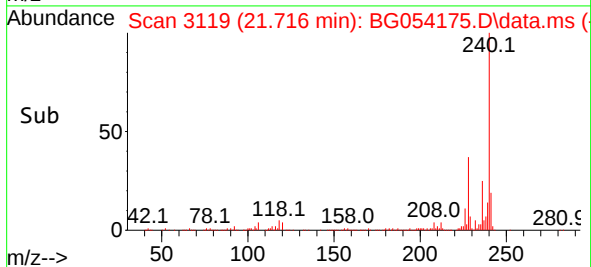
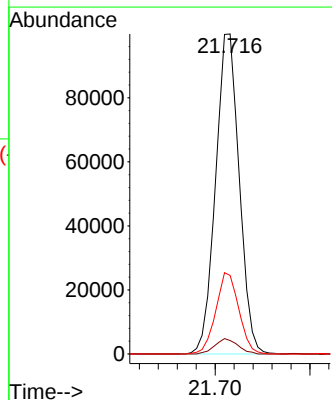
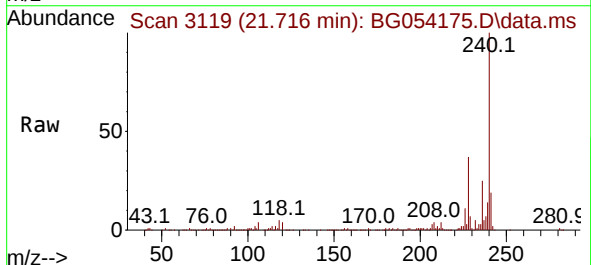
Instrument :
BNA_G
ClientSampleId :
V-1MSD

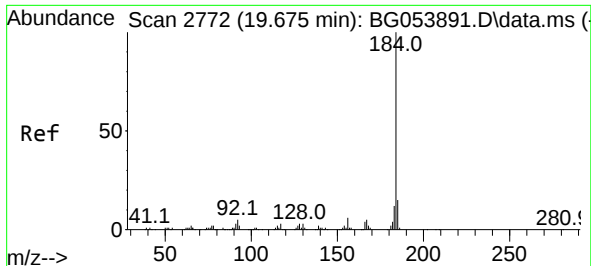
Tgt Ion:202 Resp: 482026
Ion Ratio Lower Upper
202 100
101 5.8 0.0 26.9
203 18.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:240 Resp: 173202
Ion Ratio Lower Upper
240 100
120 4.2 4.6 7.0#
236 24.6 20.2 30.4

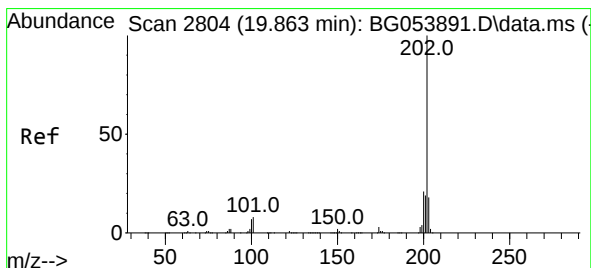
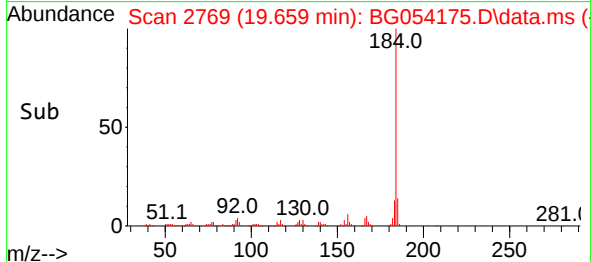
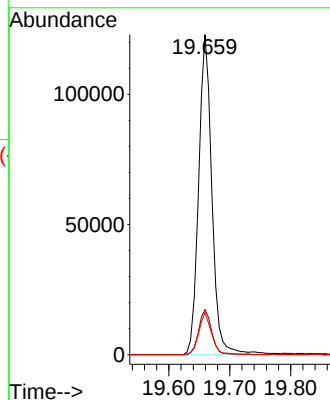
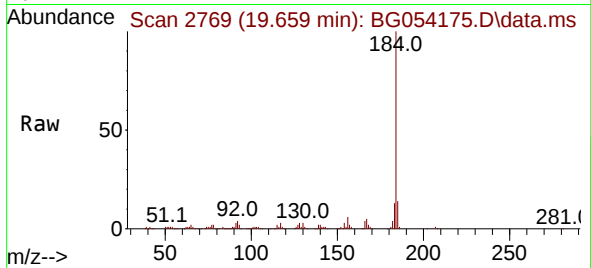




#77
Benzidine
Concen: 51.945 ng
RT: 19.659 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

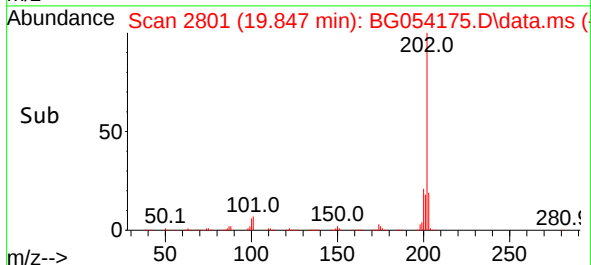
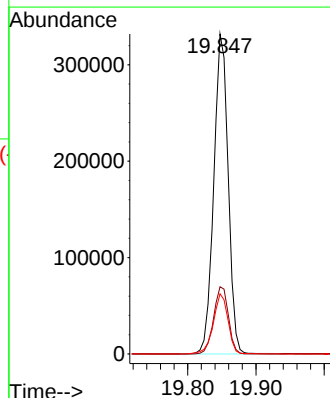
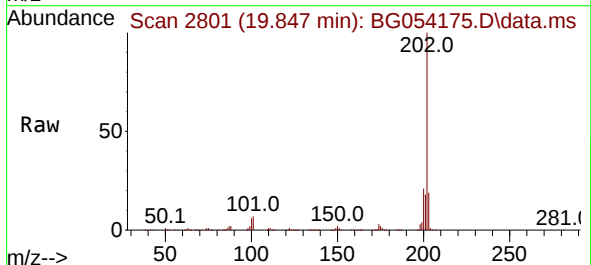
Instrument :
BNA_G
ClientSampleId :
V-1MSD

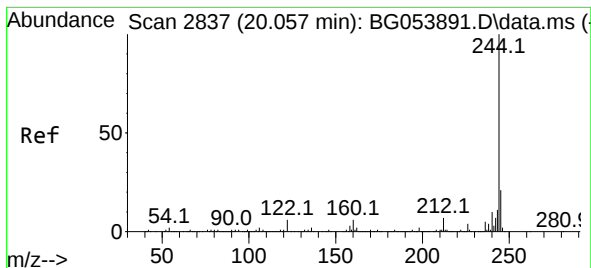
Tgt Ion:184 Resp: 186317
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 13.1 8.9 13.3



#78
Pyrene
Concen: 46.659 ng
RT: 19.847 min Scan# 2801
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:202 Resp: 488099
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 18.8 14.6 21.8





#79

Terphenyl-d14

Concen: 73.850 ng

RT: 20.041 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

Instrument :

BNA_G

ClientSampleId :

V-1MSD

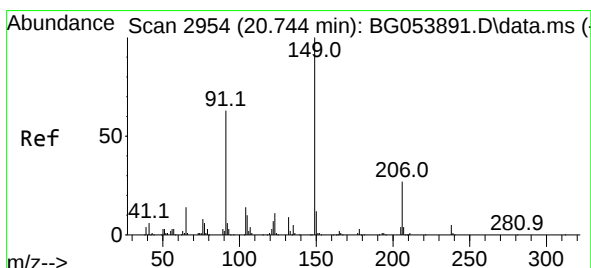
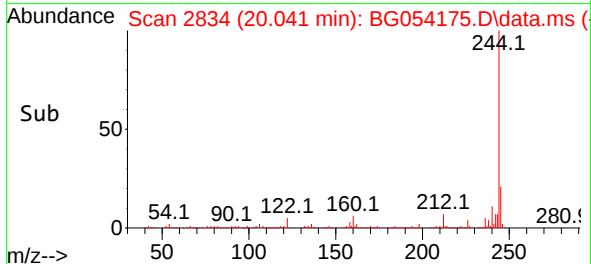
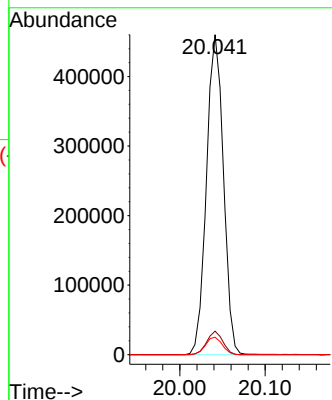
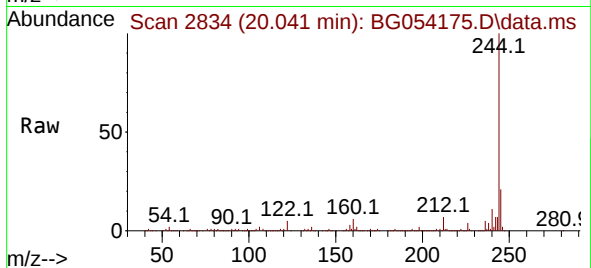
Tgt Ion:244 Resp: 635077

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 5.5 5.0 7.4



#80

Butylbenzylphthalate

Concen: 47.849 ng

RT: 20.729 min Scan# 2951

Delta R.T. -0.003 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

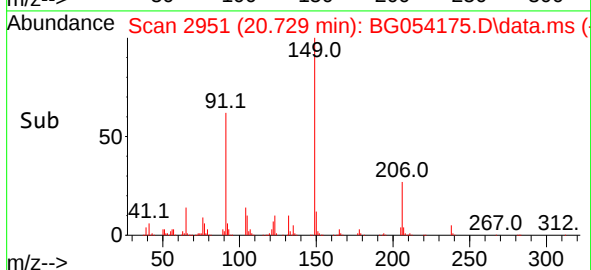
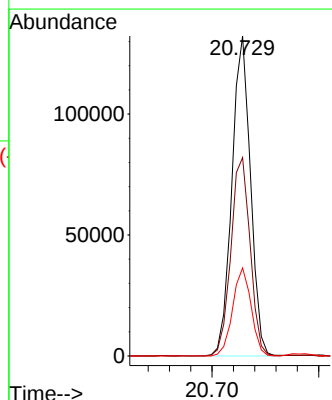
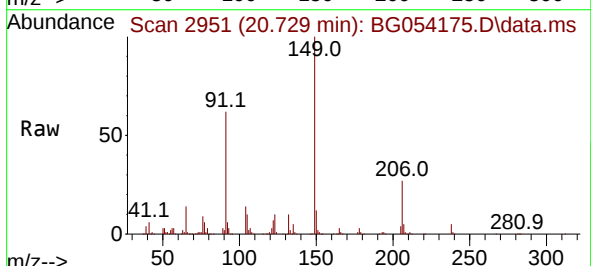
Tgt Ion:149 Resp: 160439

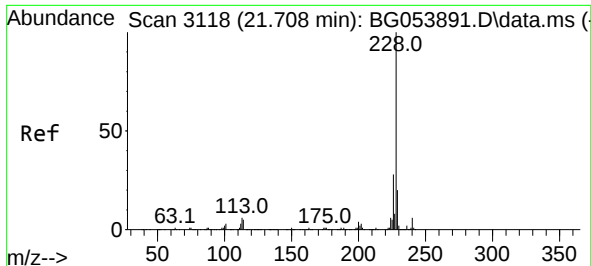
Ion Ratio Lower Upper

149 100

91 62.0 59.6 89.4

206 27.5 18.6 28.0

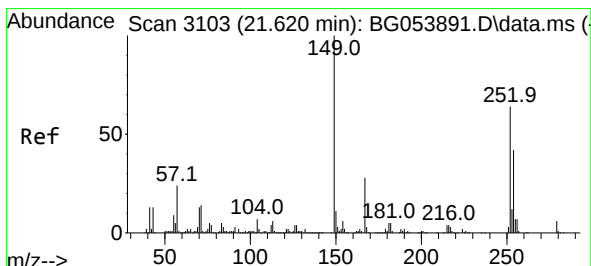
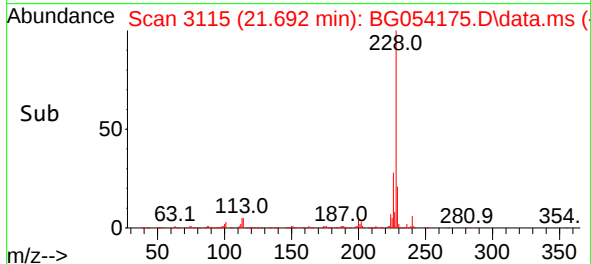
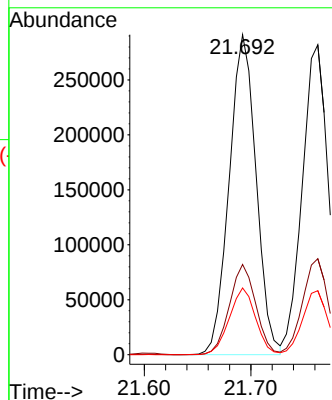
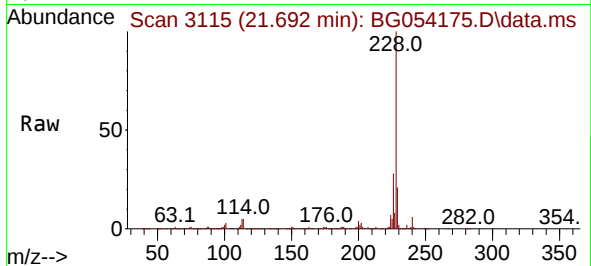




#81
Benzo(a)anthracene
Concen: 45.636 ng
RT: 21.692 min Scan# 3118
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

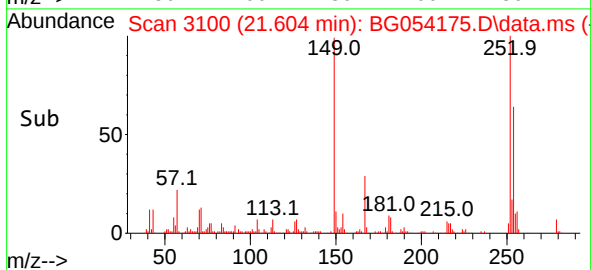
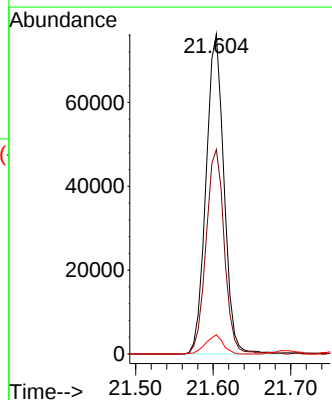
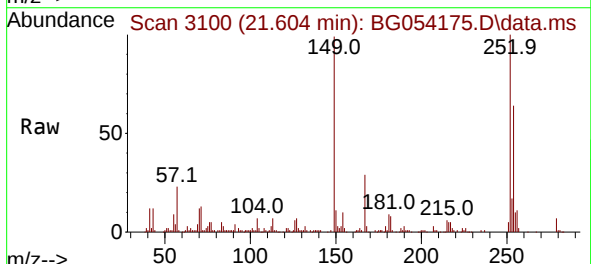
Instrument :
BNA_G
ClientSampleId :
V-1MSD

Tgt Ion:228 Resp: 511790
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 20.8 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 36.662 ng
RT: 21.604 min Scan# 3100
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:252 Resp: 122839
Ion Ratio Lower Upper
252 100
254 63.9 49.8 74.8
126 6.0 6.0 9.0#





#83

Chrysene

Concen: 44.521 ng

RT: 21.763 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

Instrument :

BNA_G

ClientSampleId :

V-1MSD

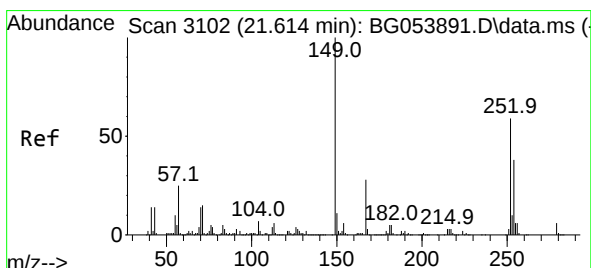
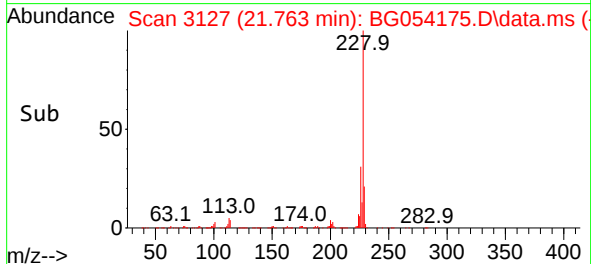
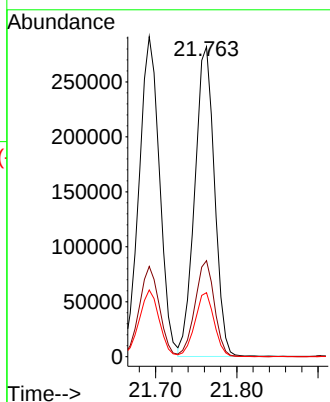
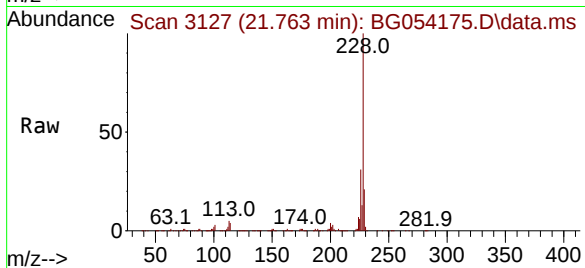
Tgt Ion:228 Resp: 475913

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.2

229 20.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.526 ng

RT: 21.592 min Scan# 3098

Delta R.T. -0.009 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

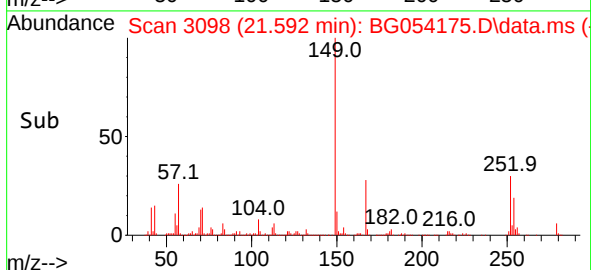
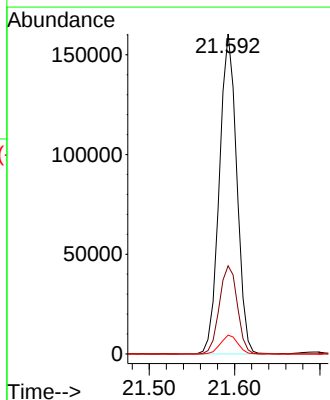
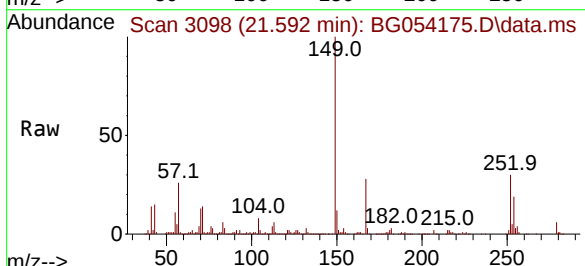
Tgt Ion:149 Resp: 227913

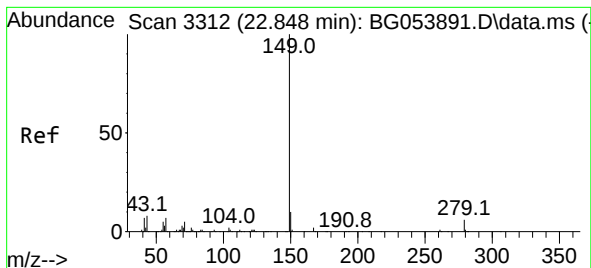
Ion Ratio Lower Upper

149 100

167 27.5 20.2 30.4

279 5.9 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 47.401 ng

RT: 22.814 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

Instrument :

BNA_G

ClientSampleId :

V-1MSD

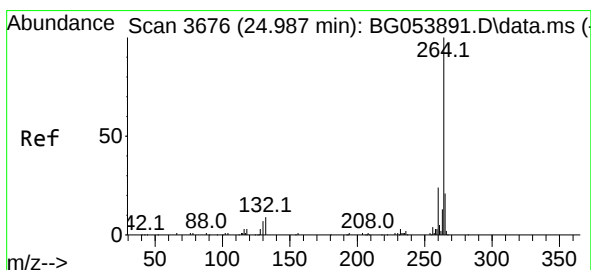
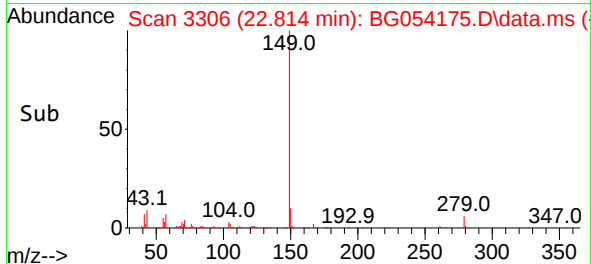
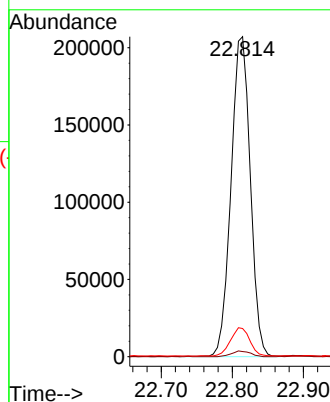
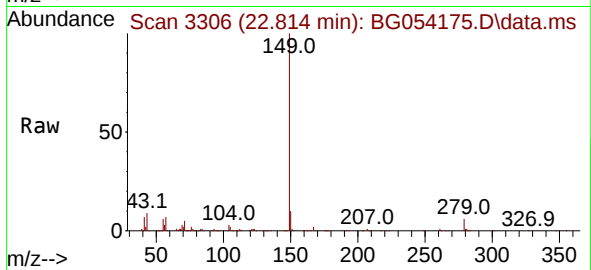
Tgt Ion:149 Resp: 390698

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.7 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.965 min Scan# 3672

Delta R.T. 0.002 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

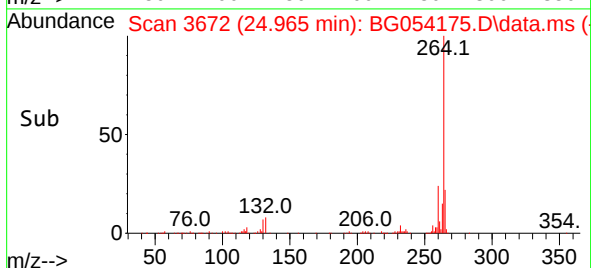
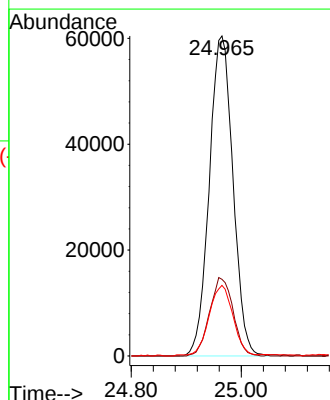
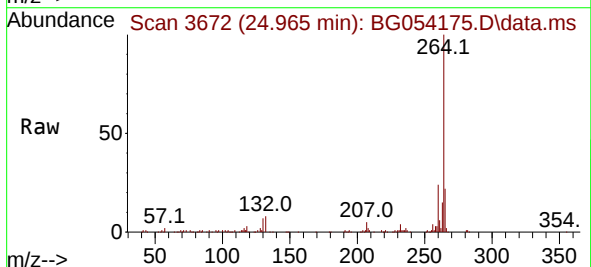
Tgt Ion:264 Resp: 180588

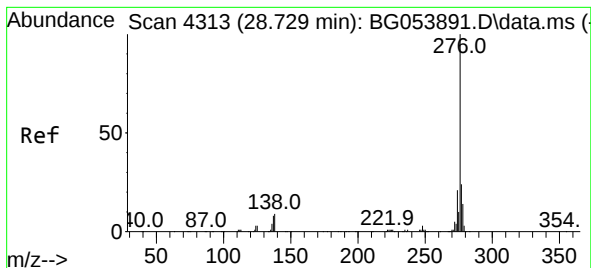
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.192 ng

RT: 28.696 min Scan# 41

Delta R.T. 0.008 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

Instrument :

BNA_G

ClientSampleId :

V-1MSD

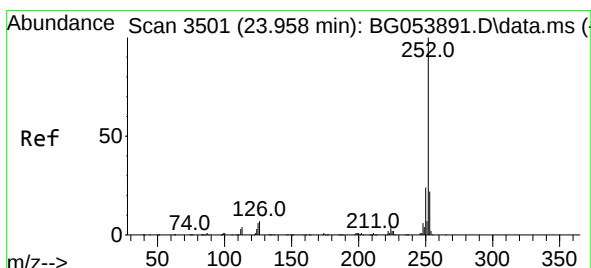
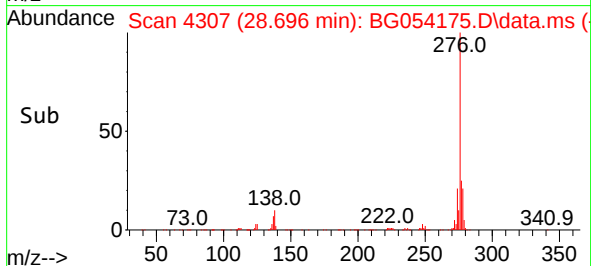
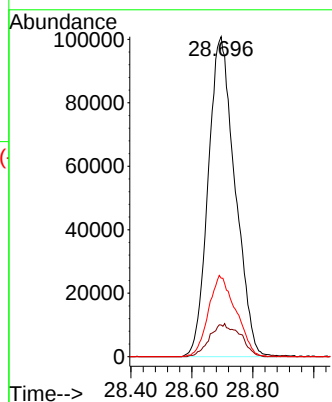
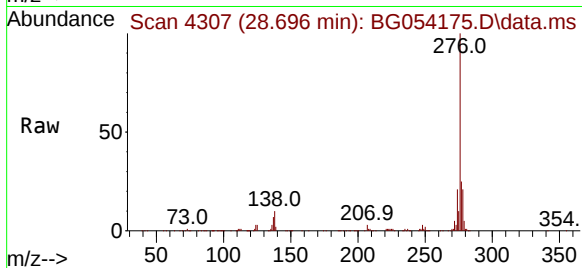
Tgt Ion:276 Resp: 615873

Ion Ratio Lower Upper

276 100

138 11.8 5.0 7.4#

277 26.0 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 48.199 ng

RT: 23.931 min Scan# 3496

Delta R.T. -0.003 min

Lab File: BG054175.D

Acq: 30 Jun 2022 18:45

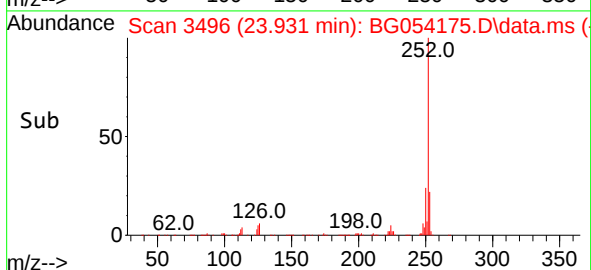
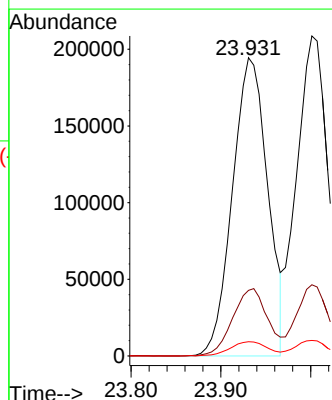
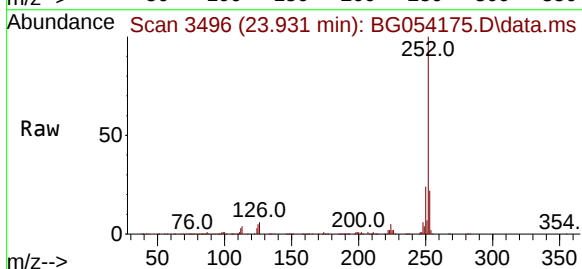
Tgt Ion:252 Resp: 529239

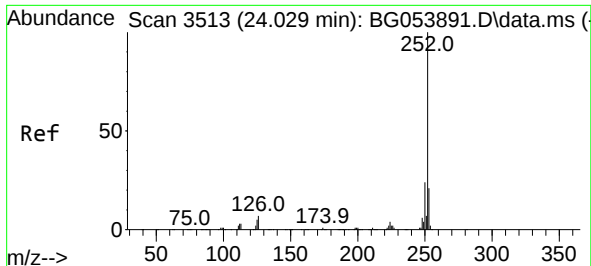
Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 4.8 4.6 6.8

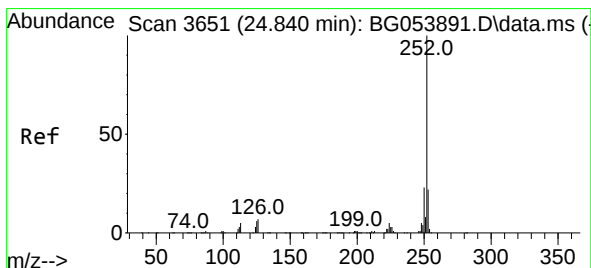
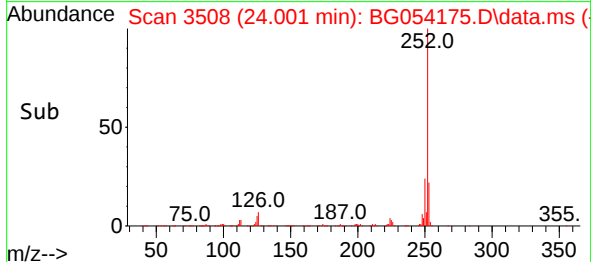
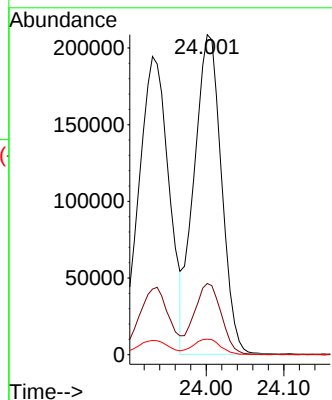
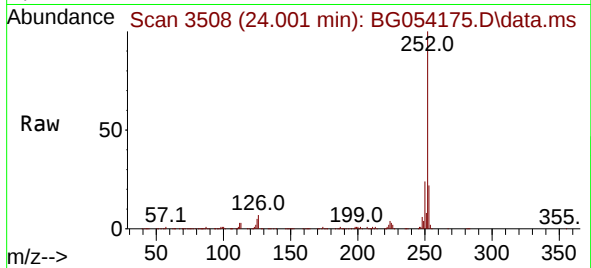




#89
Benzo(k)fluoranthene
Concen: 46.993 ng
RT: 24.001 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

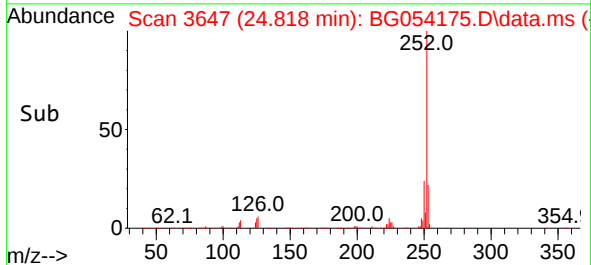
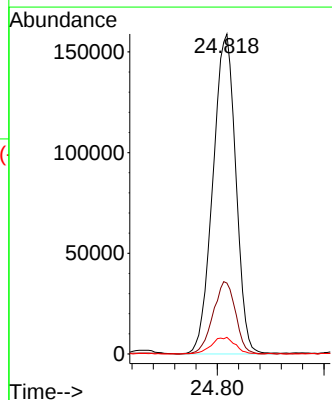
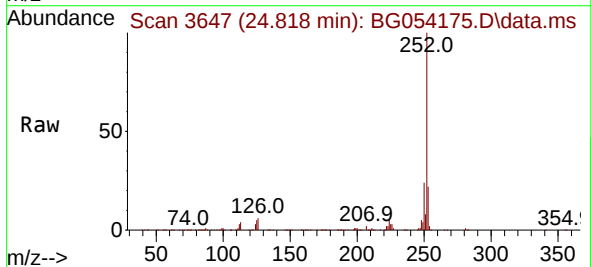
Instrument :
BNA_G
ClientSampleId :
V-1MSD

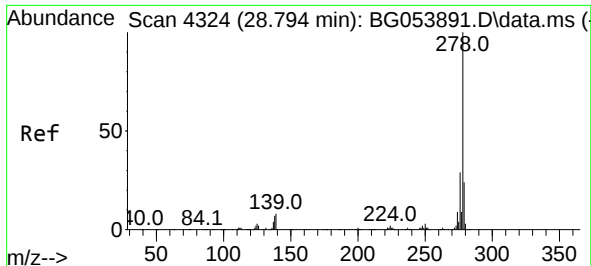
Tgt Ion:252 Resp: 510877
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 4.9 4.8 7.2



#90
Benzo(a)pyrene
Concen: 51.154 ng
RT: 24.818 min Scan# 3647
Delta R.T. 0.002 min
Lab File: BG054175.D
Acq: 30 Jun 2022 18:45

Tgt Ion:252 Resp: 473905
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 5.2 4.3 6.5

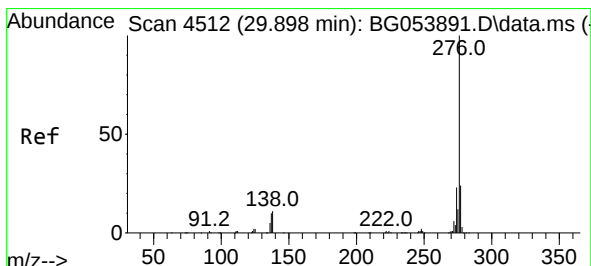
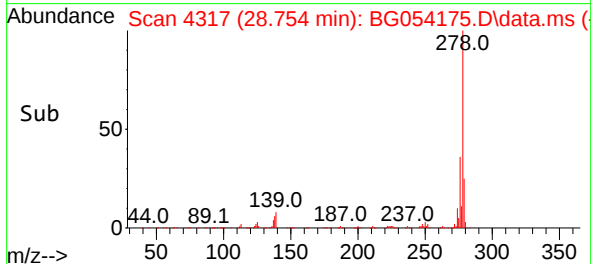
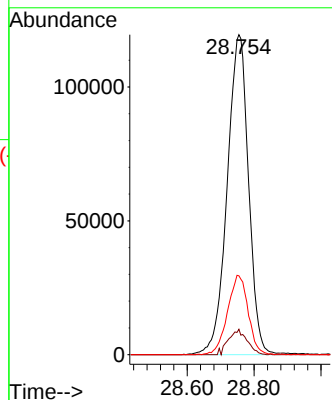
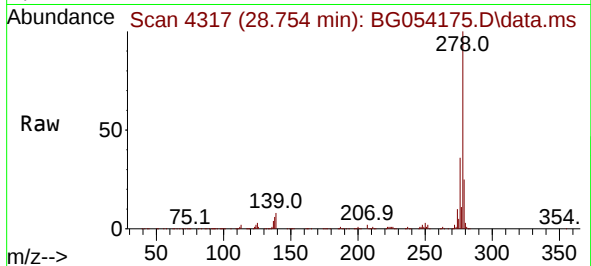




#91
 Dibenzo(a,h)anthracene
 Concen: 46.983 ng
 RT: 28.754 min Scan# 41
 Delta R.T. 0.008 min
 Lab File: BG054175.D
 Acq: 30 Jun 2022 18:45

Instrument :
 BNA_G
 ClientSampleId :
 V-1MSD

Tgt Ion:278 Resp: 529469
 Ion Ratio Lower Upper
 278 100
 139 8.0 7.2 10.8
 279 24.6 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 47.436 ng
 RT: 29.859 min Scan# 4505
 Delta R.T. -0.003 min
 Lab File: BG054175.D
 Acq: 30 Jun 2022 18:45

Tgt Ion:276 Resp: 527549
 Ion Ratio Lower Upper
 276 100
 277 23.8 17.3 25.9
 138 9.7 9.6 14.4

