

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
 Data File : BG054479.D
 Acq On : 2 Aug 2022 11:57
 Operator : CG/JU
 Sample : PB146540BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146540BS

Quant Time: Aug 03 04:13:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	18657	20.000	ng	0.00
21) Naphthalene-d8	10.794	136	69173	20.000	ng	# 0.00
39) Acenaphthene-d10	14.624	164	52783	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	143681	20.000	ng	# 0.00
76) Chrysene-d12	21.640	240	177669	20.000	ng	# 0.00
86) Perylene-d12	24.848	264	180800	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	115557	129.319	ng	0.00
7) Phenol-d6	7.180	99	147012	120.066	ng	0.00
23) Nitrobenzene-d5	9.148	82	95683	75.327	ng	0.00
42) 2,4,6-Tribromophenol	16.123	330	126582	114.218	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	285945	76.423	ng	0.00
79) Terphenyl-d14	19.977	244	738940	82.508	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	9704	27.297	ng	# 94
3) Pyridine	3.808	79	27159	30.115	ng	98
4) n-Nitrosodimethylamine	3.725	42	21361	42.361	ng	# 77
6) Aniline	7.309	93	52834	37.382	ng	98
8) 2-Chlorophenol	7.562	128	44312	43.151	ng	92
9) Benzaldehyde	7.115	77	21956	33.987	ng	78
10) Phenol	7.209	94	52690	43.312	ng	96
11) bis(2-Chloroethyl)ether	7.397	93	37363	42.123	ng	90
12) 1,3-Dichlorobenzene	7.873	146	51724	41.339	ng	90
13) 1,4-Dichlorobenzene	8.020	146	52458	40.599	ng	96
14) 1,2-Dichlorobenzene	8.338	146	51171	41.997	ng	98
15) Benzyl Alcohol	8.232	79	42866	42.566	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.508	45	48068	43.029	ng	93
17) 2-Methylphenol	8.455	107	37101	42.312	ng	95
18) Hexachloroethane	9.066	117	18086	42.273	ng	# 66
19) n-Nitroso-di-n-propyla...	8.790	70	32032	39.176	ng	98
20) 3+4-Methylphenols	8.784	107	48717	39.432	ng	94
22) Acetophenone	8.808	105	67079	40.319	ng	# 98
24) Nitrobenzene	9.195	77	49407	39.800	ng	# 84
25) Isophorone	9.718	82	88899	40.242	ng	# 92
26) 2-Nitrophenol	9.906	139	25871	41.345	ng	# 86
27) 2,4-Dimethylphenol	9.983	122	40346	46.675	ng	95
28) bis(2-Chloroethoxy)met...	10.194	93	50038	44.910	ng	97
29) 2,4-Dichlorophenol	10.464	162	52912	40.553	ng	88
30) 1,2,4-Trichlorobenzene	10.658	180	61365	37.976	ng	92
31) Naphthalene	10.846	128	132170	38.064	ng	97
32) Benzoic acid	10.153	122	9578	31.125	ng	# 82
33) 4-Chloroaniline	10.958	127	52073	36.877	ng	94
34) Hexachlorobutadiene	11.123	225	55528	38.883	ng	96
35) Caprolactam	11.734	113	7037	21.420	ng	# 78
36) 4-Chloro-3-methylphenol	12.110	107	47800	40.270	ng	# 84
37) 2-Methylnaphthalene	12.450	142	101688	38.135	ng	98
38) 1-Methylnaphthalene	12.674	142	97001	37.332	ng	98
40) 1,2,4,5-Tetrachloroben...	12.826	216	92978	40.207	ng	# 96
41) Hexachlorocyclopentadiene	12.797	237	42210	58.731	ng	95
43) 2,4,6-Trichlorophenol	13.073	196	50366	40.001	ng	95

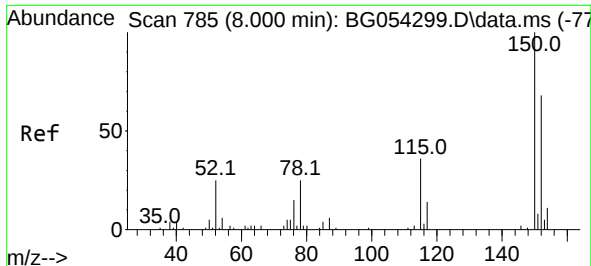
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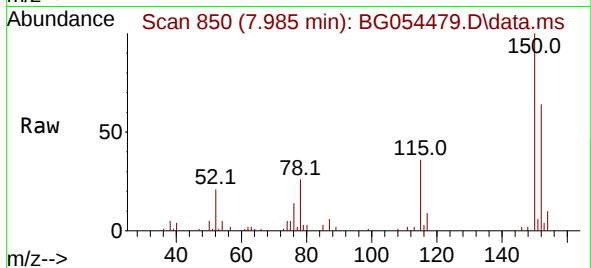
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.161	196	52097	36.619	ng	# 91
46) 1,1'-Biphenyl	13.455	154	147216	40.768	ng	96
47) 2-Chloronaphthalene	13.502	162	120704	39.942	ng	96
48) 2-Nitroaniline	13.708	65	33805	42.863	ng	93
49) Acenaphthylene	14.348	152	177456	39.519	ng	99
50) Dimethylphthalate	14.078	163	166763	40.448	ng	# 99
51) 2,6-Dinitrotoluene	14.201	165	37590	41.568	ng	# 76
52) Acenaphthene	14.689	154	108530	39.913	ng	98
53) 3-Nitroaniline	14.536	138	28397	37.547	ng	91
54) 2,4-Dinitrophenol	14.759	184	38005	73.033	ng	# 78
55) Dibenzofuran	15.024	168	193460	39.986	ng	95
56) 4-Nitrophenol	14.895	139	32998	65.396	ng	97
57) 2,4-Dinitrotoluene	15.000	165	54573	42.096	ng	# 85
58) Fluorene	15.670	166	158934	39.954	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.265	232	48656	35.128	ng	# 87
60) Diethylphthalate	15.435	149	162667	41.128	ng	95
61) 4-Chlorophenyl-phenylether	15.658	204	107982	41.354	ng	# 87
62) 4-Nitroaniline	15.700	138	33643	42.340	ng	# 82
63) Azobenzene	15.952	77	117669	41.175	ng	85
65) 4,6-Dinitro-2-methylph...	15.770	198	32345	36.438	ng	78
66) n-Nitrosodiphenylamine	15.876	169	145243	40.489	ng	96
67) 4-Bromophenyl-phenylether	16.551	248	81009	40.145	ng	# 90
68) Hexachlorobenzene	16.687	284	93595	40.558	ng	# 88
69) Atrazine	16.828	200	77215	48.371	ng	95
70) Pentachlorophenol	17.039	266	46573	48.112	ng	99
71) Phenanthrene	17.415	178	287284	40.150	ng	99
72) Anthracene	17.503	178	291773	41.554	ng	99
73) Carbazole	17.779	167	253755	43.896	ng	98
74) Di-n-butylphthalate	18.320	149	299100	43.845	ng	98
75) Fluoranthene	19.425	202	405866	41.611	ng	95
77) Benzidine	19.601	184	202266	62.860	ng	97
78) Pyrene	19.789	202	412909	40.503	ng	99
80) Butylbenzylphthalate	20.664	149	134561	42.356	ng	# 82
81) Benzo(a)anthracene	21.622	228	447448	39.673	ng	100
82) 3,3'-Dichlorobenzidine	21.528	252	141996	40.483	ng	# 97
83) Chrysene	21.687	228	415702	39.013	ng	97
84) Bis(2-ethylhexyl)phtha...	21.510	149	188022	41.826	ng	# 92
85) Di-n-octyl phthalate	22.703	149	314953	41.068	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.537	276	547840	39.831	ng	# 98
88) Benzo(b)fluoranthene	23.825	252	469053	43.868	ng	# 97
89) Benzo(k)fluoranthene	23.896	252	459022	43.136	ng	# 98
90) Benzo(a)pyrene	24.701	252	418352	45.815	ng	# 99
91) Dibenzo(a,h)anthracene	28.584	278	481031	42.532	ng	# 98
92) Benzo(g,h,i)perylene	29.689	276	471857	42.271	ng	# 93

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

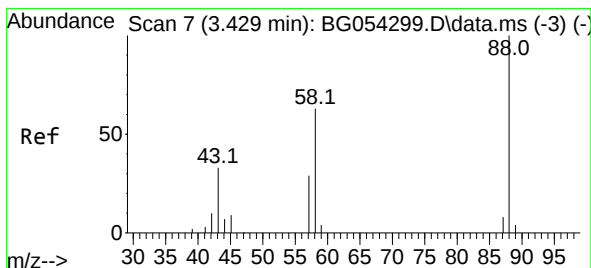
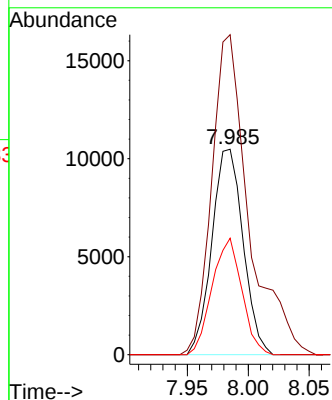
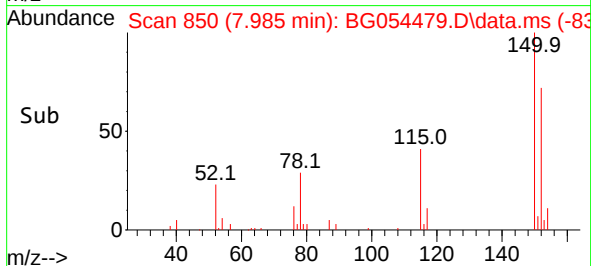


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.985 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG054479.D
 Acq: 2 Aug 2022 11:57

Instrument :
 BNA_G
 ClientSampleId :
 PB146540BS

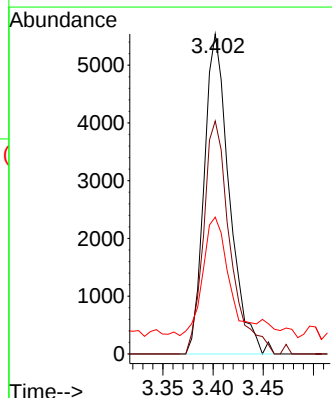
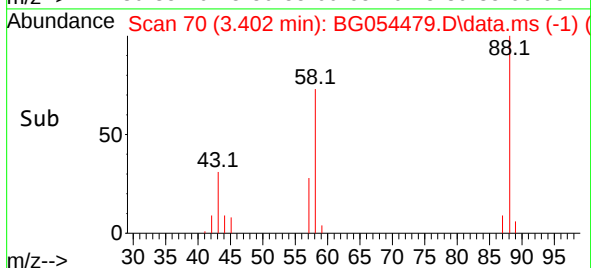
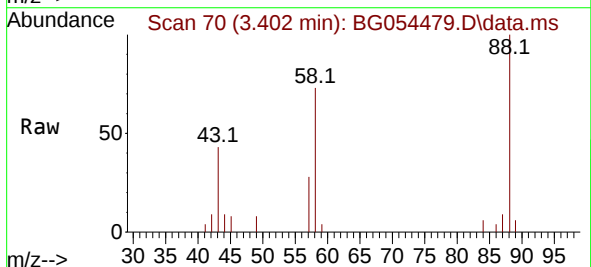


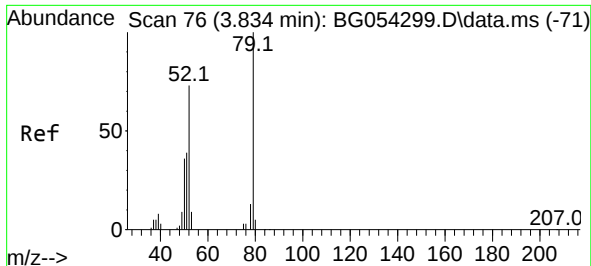
Tgt Ion:152 Resp: 18657
 Ion Ratio Lower Upper
 152 100
 150 155.8 131.6 197.4
 115 56.7 50.9 76.3



#2
 1,4-Dioxane
 Concen: 27.297 ng
 RT: 3.402 min Scan# 70
 Delta R.T. -0.015 min
 Lab File: BG054479.D
 Acq: 2 Aug 2022 11:57

Tgt Ion: 88 Resp: 9704
 Ion Ratio Lower Upper
 88 100
 58 76.5 59.2 88.8
 43 37.8 24.3 36.5#



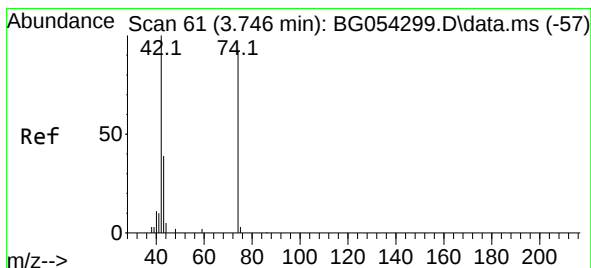
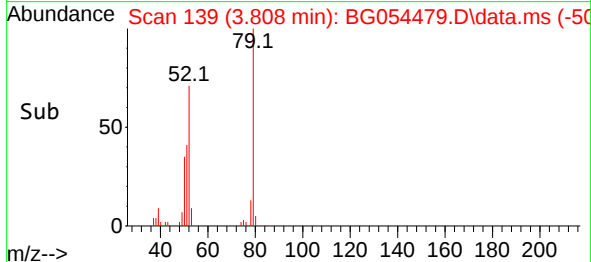
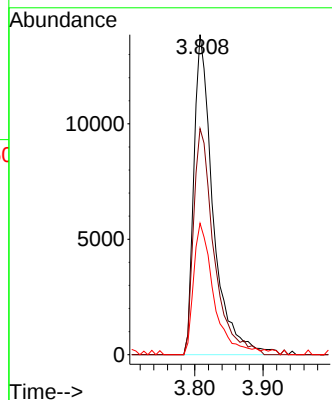
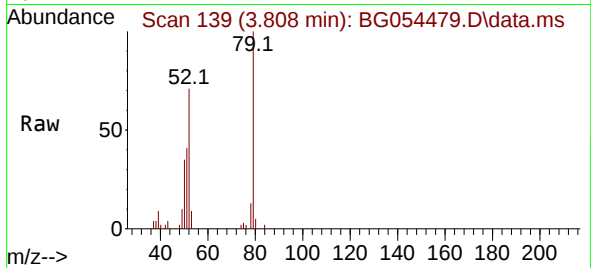


#3
 Pyridine
 Concen: 30.115 ng
 RT: 3.808 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BG054479.D
 Acq: 2 Aug 2022 11:57

Instrument :
 BNA_G
 ClientSampleId :
 PB146540BS

Tgt Ion: 79 Resp: 27159

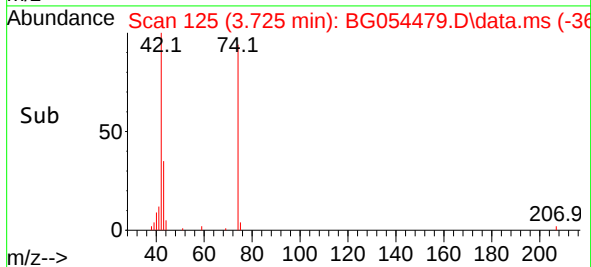
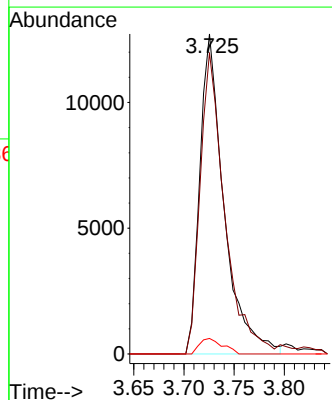
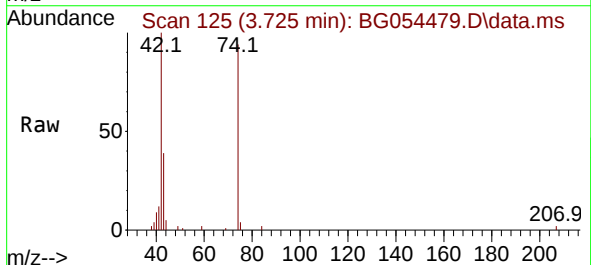
Ion	Ratio	Lower	Upper
79	100		
52	70.7	54.6	81.8
51	41.1	32.5	48.7

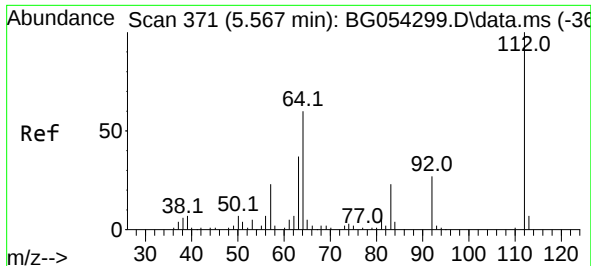


#4
 n-Nitrosodimethylamine
 Concen: 42.361 ng
 RT: 3.725 min Scan# 125
 Delta R.T. -0.009 min
 Lab File: BG054479.D
 Acq: 2 Aug 2022 11:57

Tgt Ion: 42 Resp: 21361

Ion	Ratio	Lower	Upper
42	100		
74	94.2	97.0	145.4#
44	4.8	7.0	10.4#

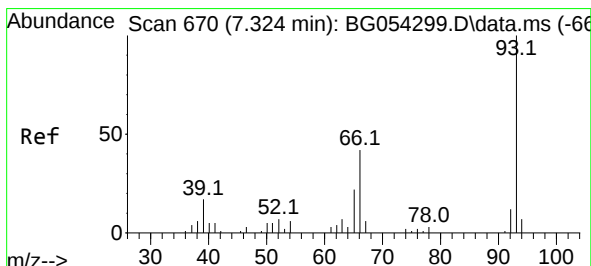
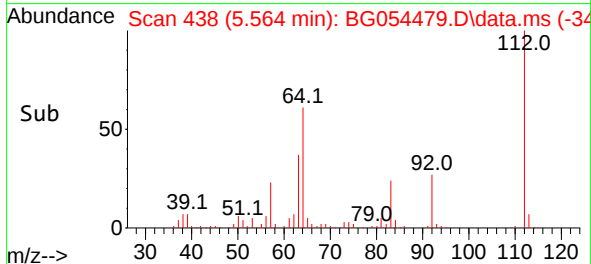
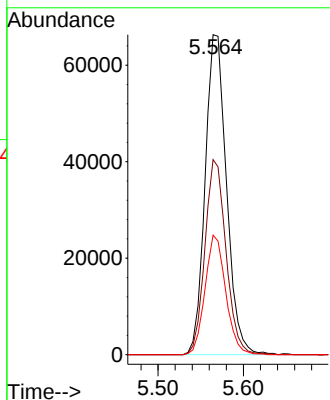
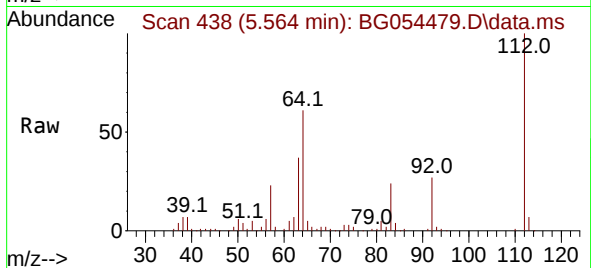




#5
2-Fluorophenol
Concen: 129.319 ng
RT: 5.564 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

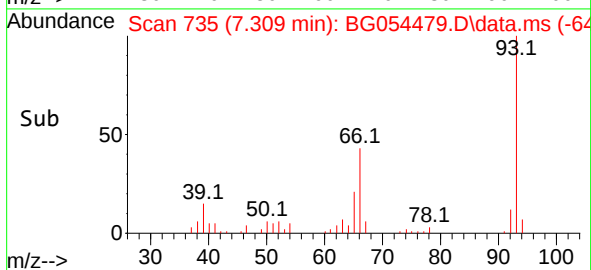
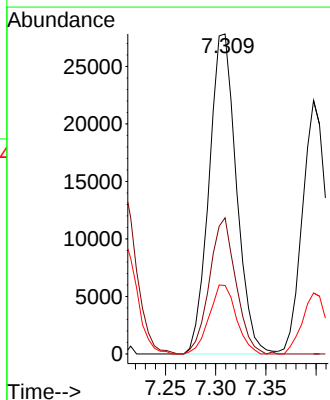
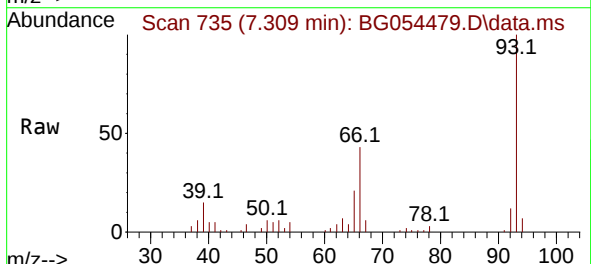
Instrument :
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ClientSampleId :
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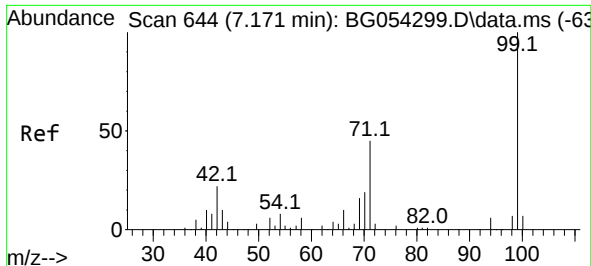
Tgt Ion:112 Resp: 115557
Ion Ratio Lower Upper
112 100
64 61.0 55.1 82.7
63 37.4 30.4 45.6



#6
Aniline
Concen: 37.382 ng
RT: 7.309 min Scan# 735
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion: 93 Resp: 52834
Ion Ratio Lower Upper
93 100
66 42.5 32.9 49.3
65 21.4 17.8 26.8

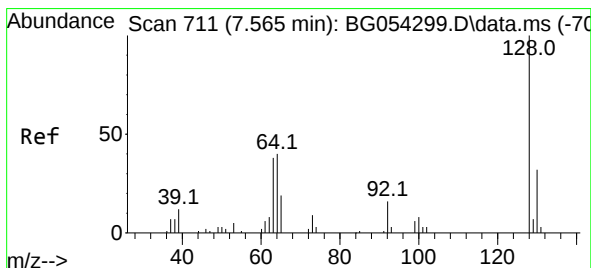
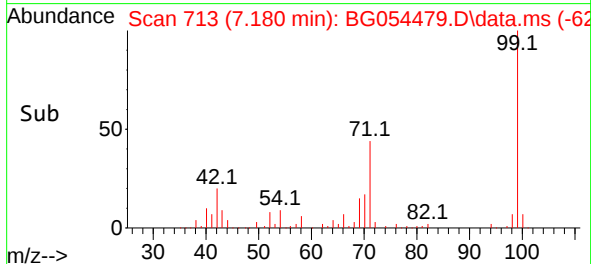
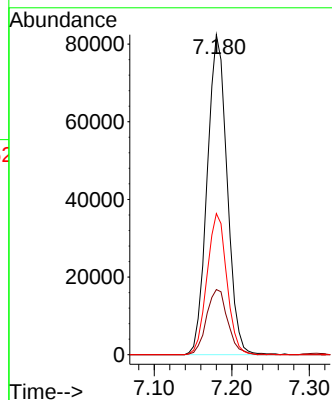
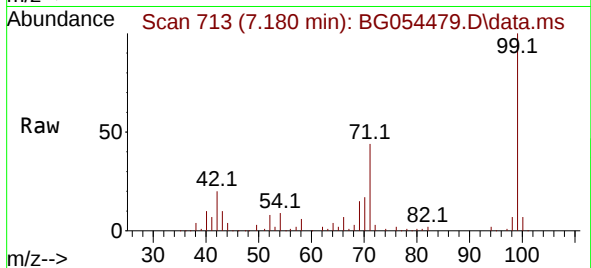




#7
Phenol-d6
Concen: 120.066 ng
RT: 7.180 min Scan# 713
Delta R.T. 0.008 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

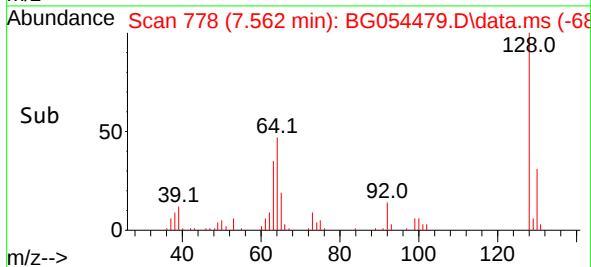
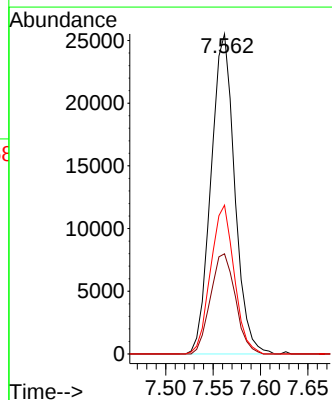
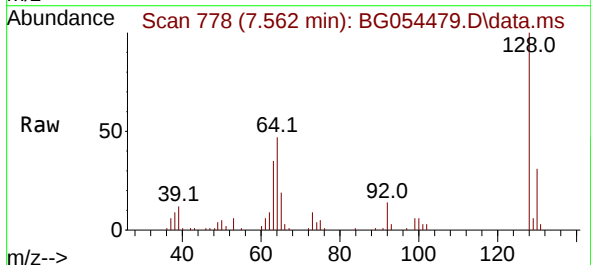
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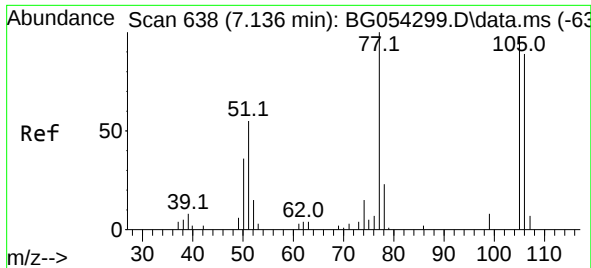
Tgt Ion: 99 Resp: 147012
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 44.1 33.8 50.8



#8
2-Chlorophenol
Concen: 43.151 ng
RT: 7.562 min Scan# 778
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion: 128 Resp: 44312
Ion Ratio Lower Upper
128 100
130 31.3 10.5 50.5
64 46.5 35.1 75.1

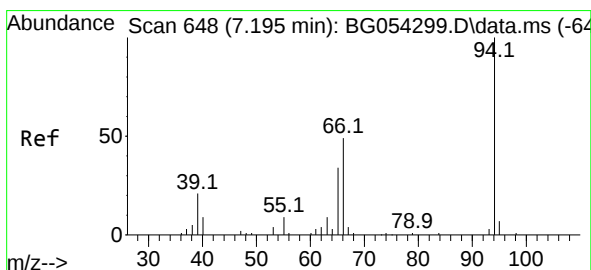
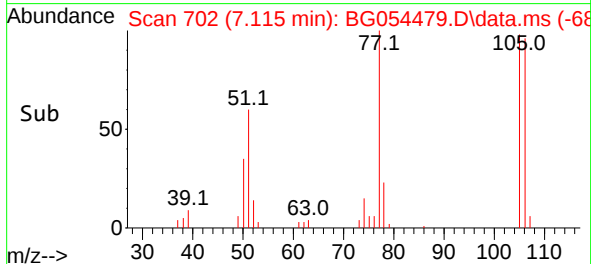
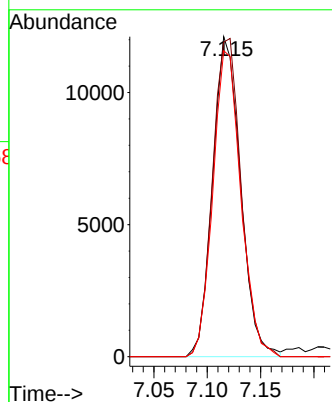
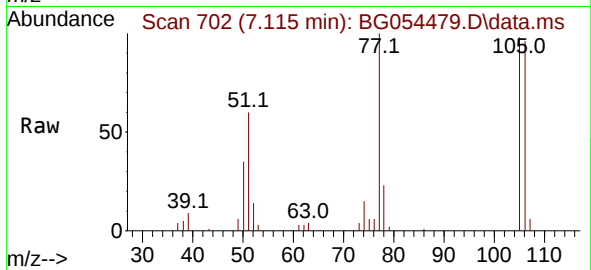




#9
Benzaldehyde
Concen: 33.987 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

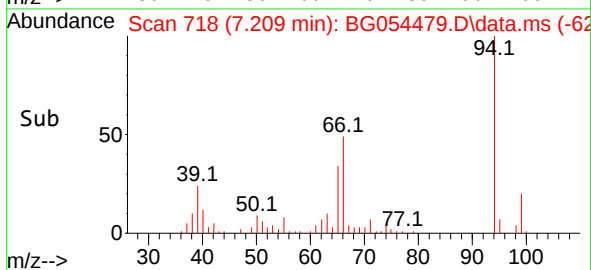
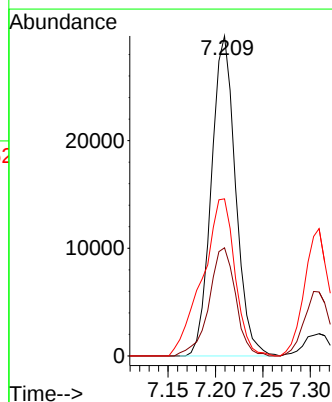
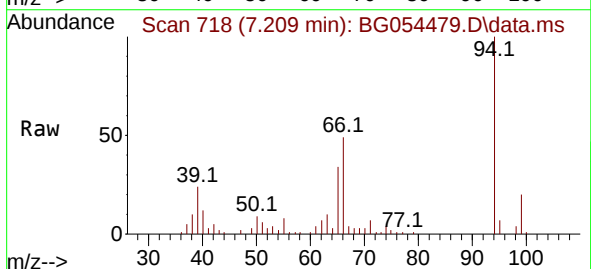
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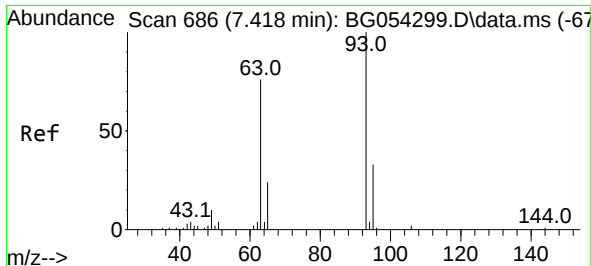
Tgt Ion: 77 Resp: 21956
Ion Ratio Lower Upper
77 100
105 98.3 59.6 99.6
106 95.6 56.8 96.8



#10
Phenol
Concen: 43.312 ng
RT: 7.209 min Scan# 718
Delta R.T. 0.014 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion: 94 Resp: 52690
Ion Ratio Lower Upper
94 100
65 33.8 14.8 54.8
66 49.1 25.2 65.2

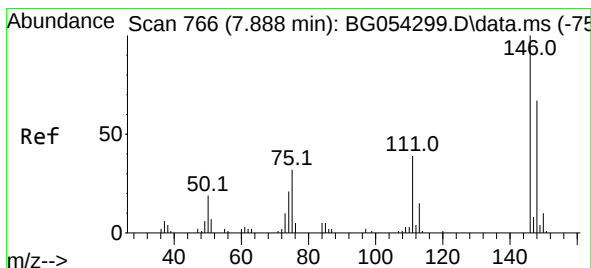
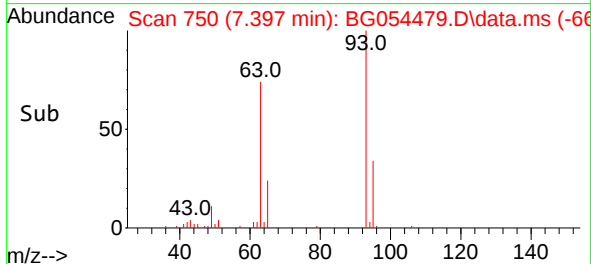
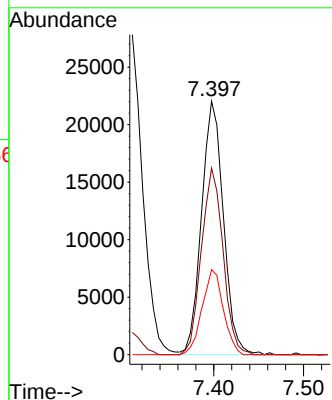
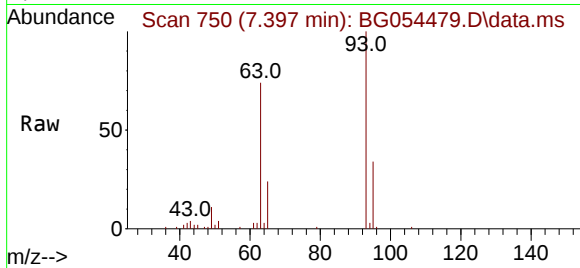




#11
bis(2-Chloroethyl)ether
Concen: 42.123 ng
RT: 7.397 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

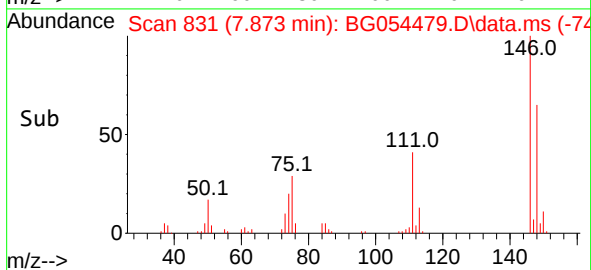
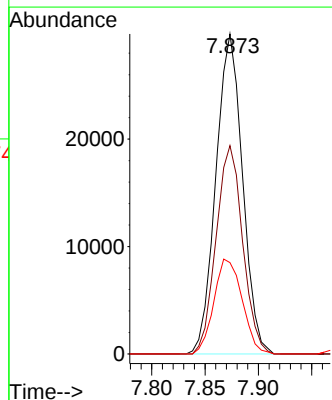
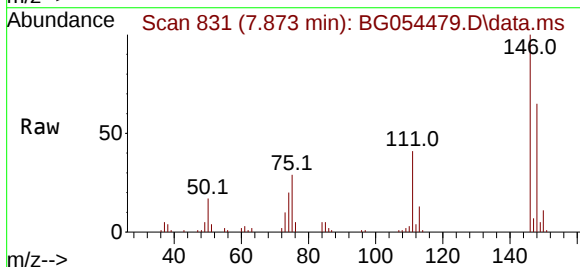
Instrument :
BNA_G
ClientSampleId :
PB146540BS

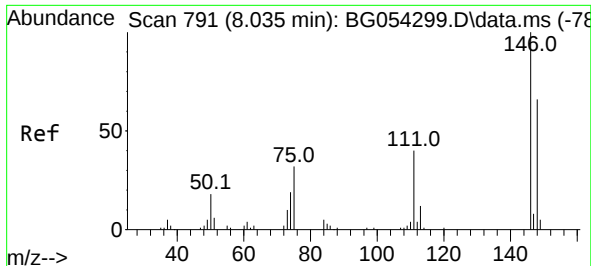
Tgt Ion:	93	Resp:	37363
Ion	Ratio	Lower	Upper
93	100		
63	73.6	63.6	103.6
95	33.5	10.1	50.1



#12
1,3-Dichlorobenzene
Concen: 41.339 ng
RT: 7.873 min Scan# 831
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:	146	Resp:	51724
Ion	Ratio	Lower	Upper
146	100		
148	65.1	46.1	69.1
75	28.5	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 40.599 ng

RT: 8.020 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB146540BS

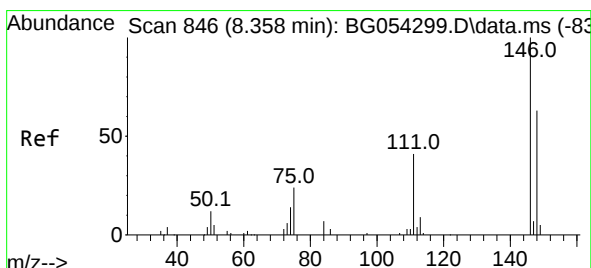
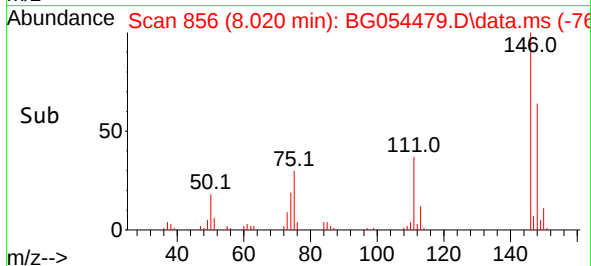
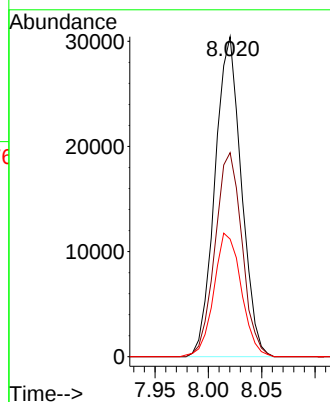
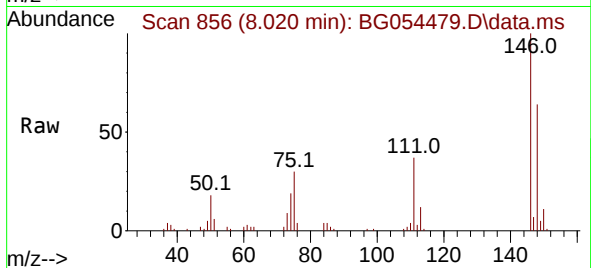
Tgt Ion:146 Resp: 52458

Ion Ratio Lower Upper

146 100

148 63.7 51.5 77.3

111 36.7 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 41.997 ng

RT: 8.338 min Scan# 910

Delta R.T. -0.003 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

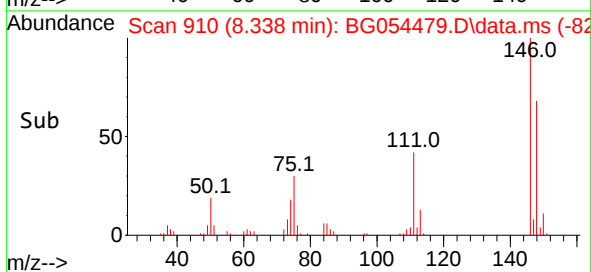
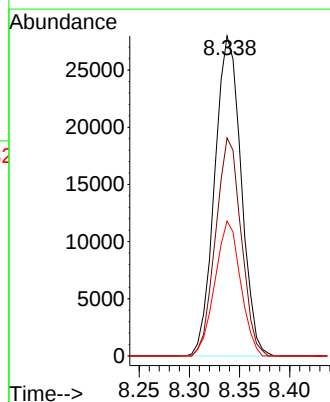
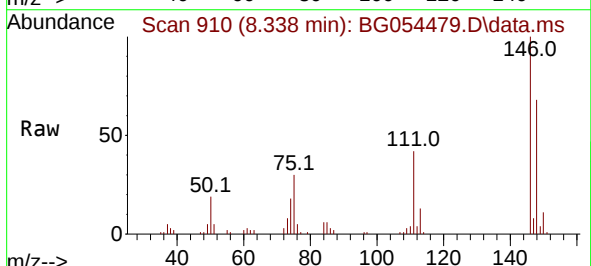
Tgt Ion:146 Resp: 51171

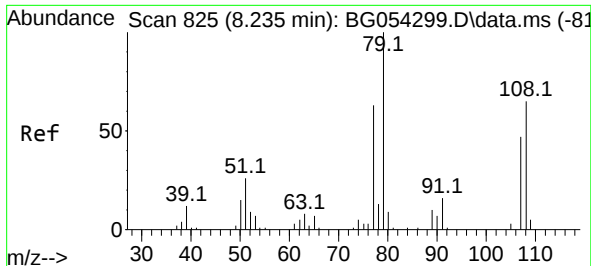
Ion Ratio Lower Upper

146 100

148 68.2 52.6 78.8

111 42.1 34.5 51.7

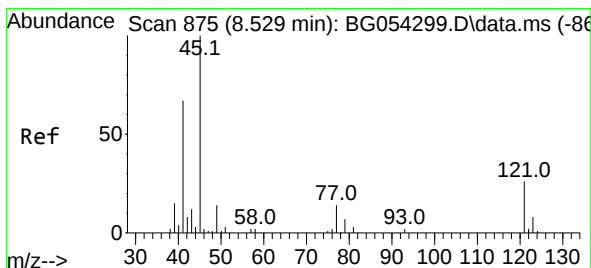
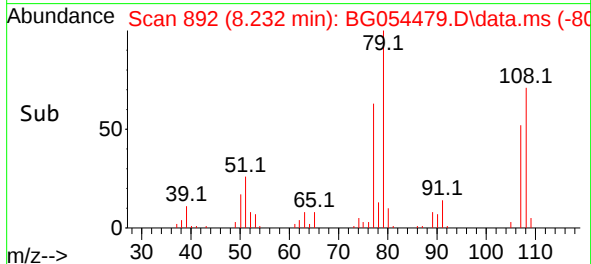
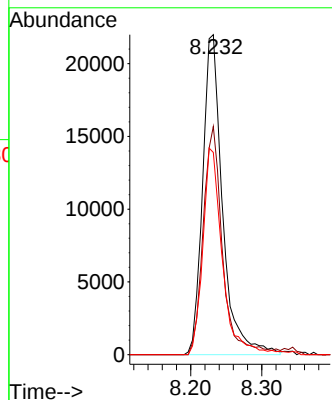
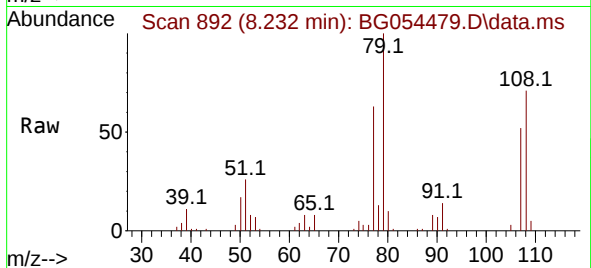




#15
Benzyl Alcohol
Concen: 42.566 ng
RT: 8.232 min Scan# 892
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

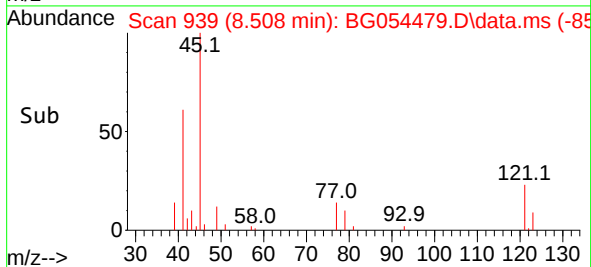
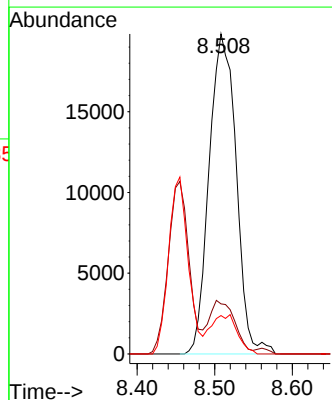
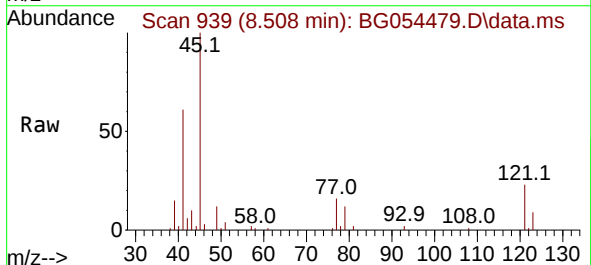
Instrument :
BNA_G
ClientSampleId :
PB146540BS

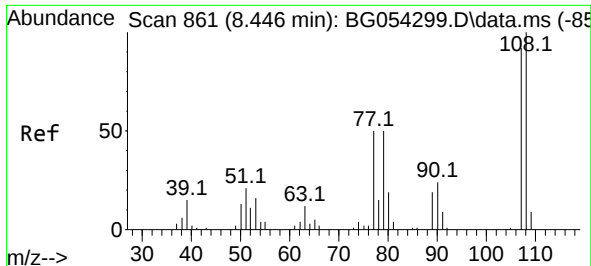
Tgt Ion: 79 Resp: 42866
Ion Ratio Lower Upper
79 100
108 71.3 53.7 80.5
77 63.2 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.029 ng
RT: 8.508 min Scan# 939
Delta R.T. -0.009 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion: 45 Resp: 48068
Ion Ratio Lower Upper
45 100
77 15.6 0.0 32.7
79 12.0 0.0 29.7

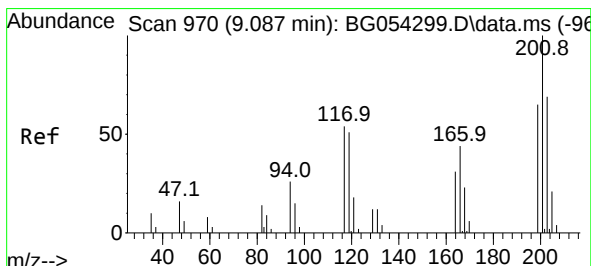
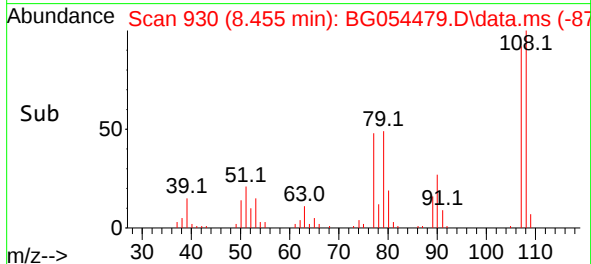
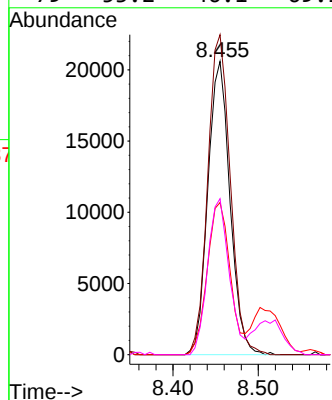
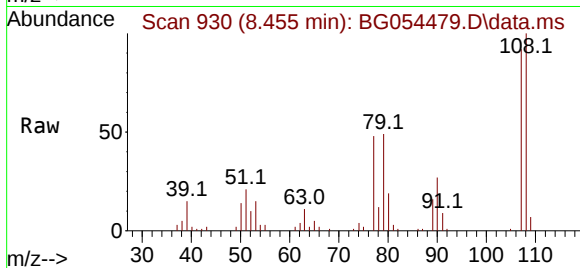




#17
2-Methylphenol
Concen: 42.312 ng
RT: 8.455 min Scan# 91
Delta R.T. 0.008 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

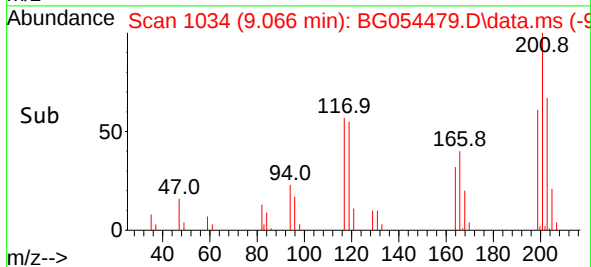
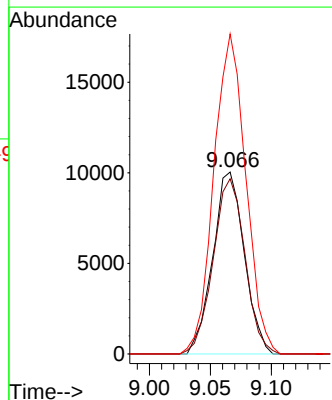
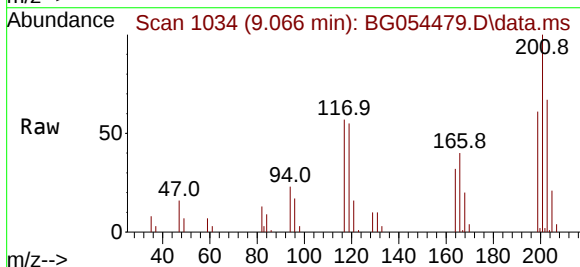
Instrument :
BNA_G
ClientSampleId :
PB146540BS

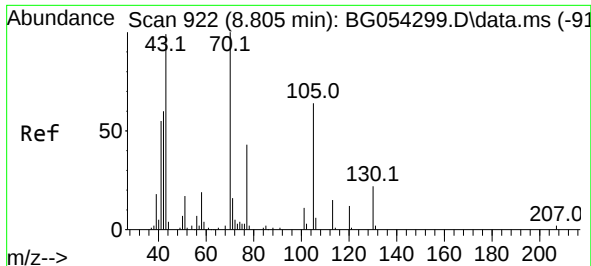
Tgt Ion:	107	Resp:	37101
Ion	Ratio	Lower	Upper
107	100		
108	109.1	85.4	128.0
77	51.9	46.2	69.2
79	53.2	46.1	69.1



#18
Hexachloroethane
Concen: 42.273 ng
RT: 9.066 min Scan# 1034
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:	117	Resp:	18086
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.0	112.6
201	175.8	89.0	133.6#

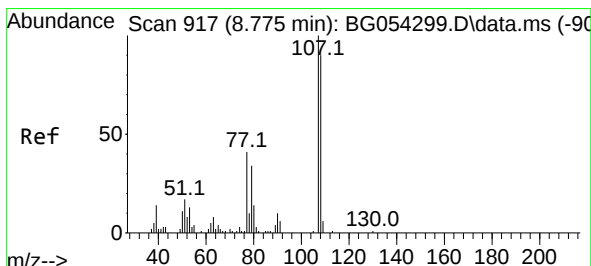
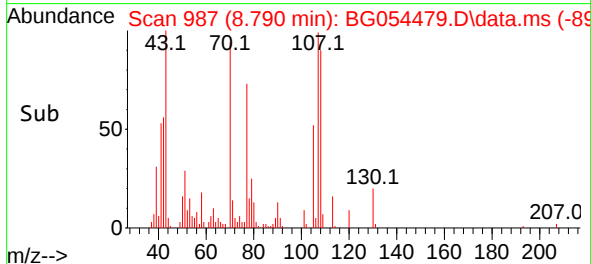
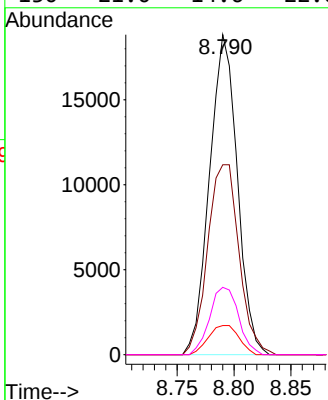
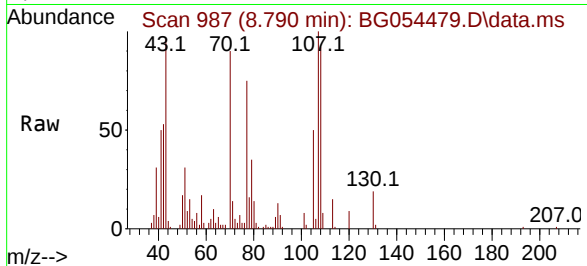




#19
n-Nitroso-di-n-propylamine
Concen: 39.176 ng
RT: 8.790 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

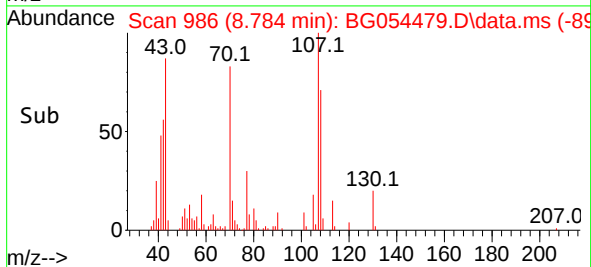
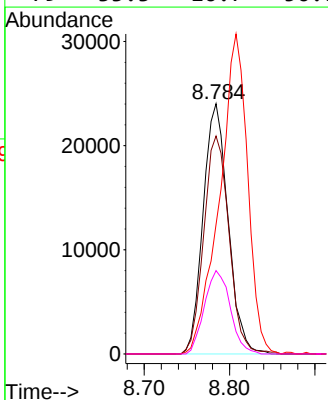
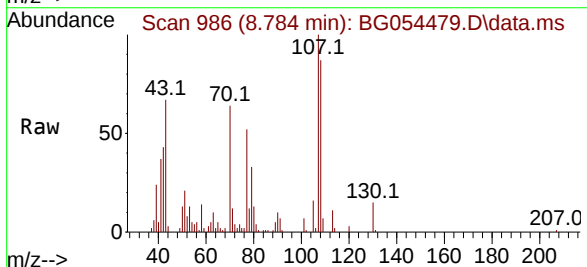
Instrument :
BNA_G
ClientSampleId :
PB146540BS

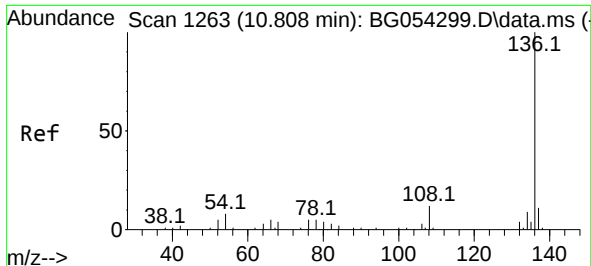
Tgt Ion:	70	Resp:	32032
Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.3	70.9
101	9.1	7.0	10.4
130	21.0	14.6	22.0



#20
3+4-Methylphenols
Concen: 39.432 ng
RT: 8.784 min Scan# 986
Delta R.T. 0.008 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:	107	Resp:	48717
Ion	Ratio	Lower	Upper
107	100		
108	87.1	67.5	107.5
77	51.7	20.3	60.3
79	33.3	16.7	56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.794 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

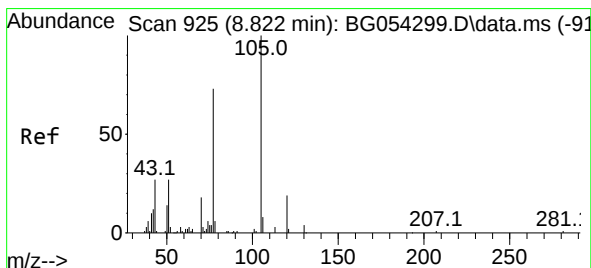
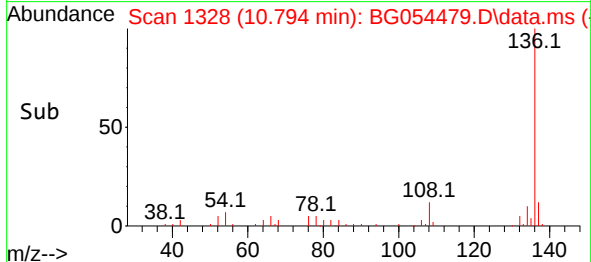
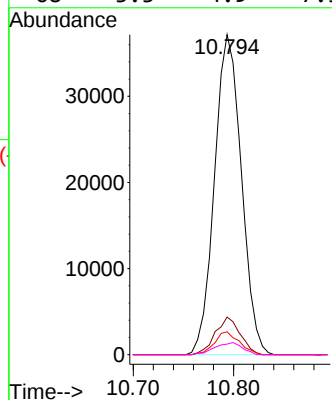
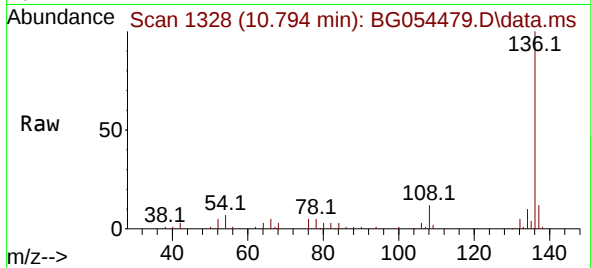
Instrument :

BNA_G

ClientSampleId :

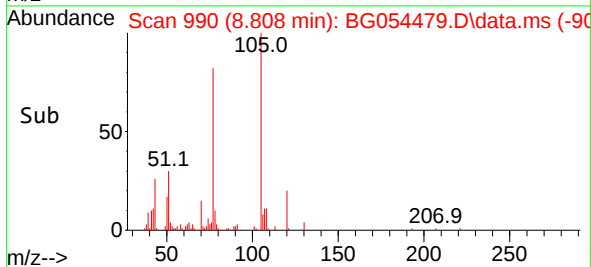
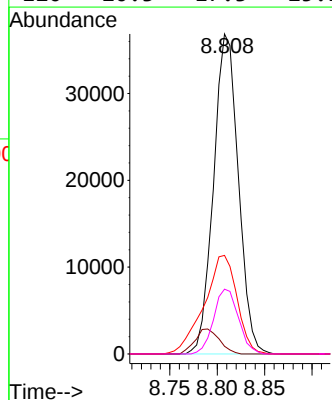
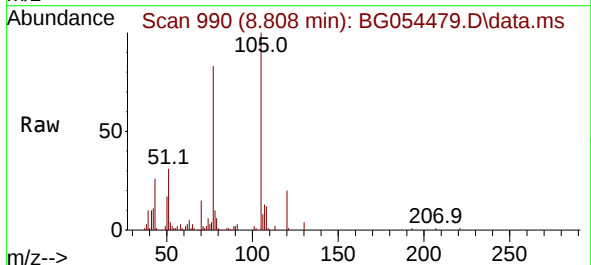
PB146540BS

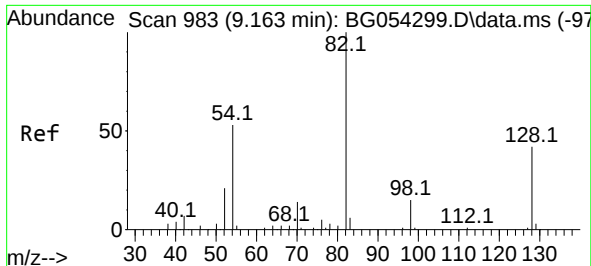
Tgt Ion:136 Resp: 69173
Ion Ratio Lower Upper
136 100
137 11.8 8.5 12.7
54 7.2 7.4 11.2#
68 3.3 4.9 7.3#



#22
Acetophenone
Concen: 40.319 ng
RT: 8.808 min Scan# 990
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:105 Resp: 67079
Ion Ratio Lower Upper
105 100
71 2.4 1.1 1.7#
51 30.8 25.4 38.0
120 20.3 17.3 25.9





#23
Nitrobenzene-d5
Concen: 75.327 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

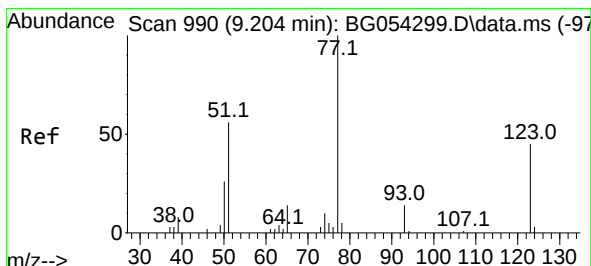
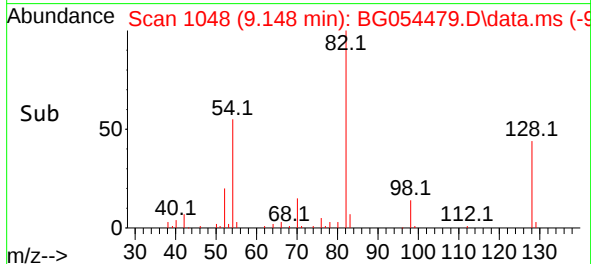
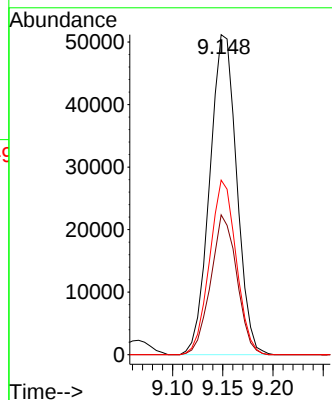
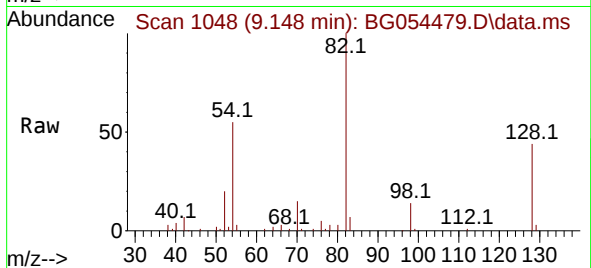
Instrument :

BNA_G

ClientSampleId :

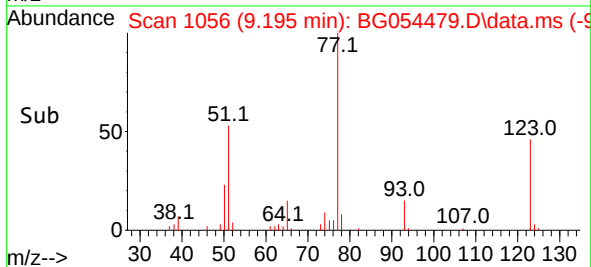
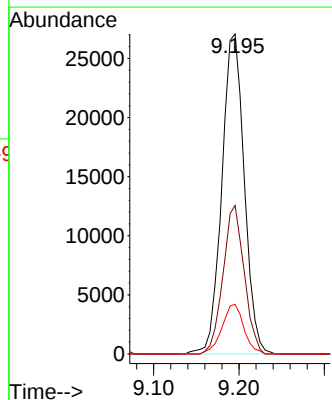
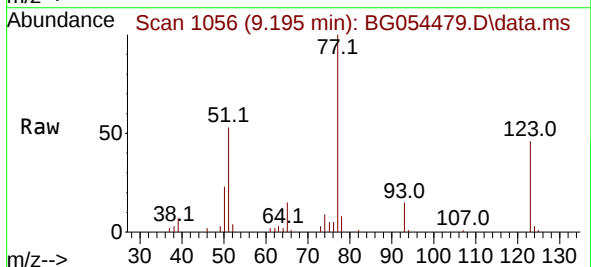
PB146540BS

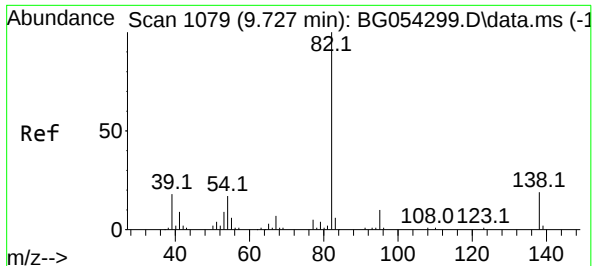
Tgt Ion: 82 Resp: 95683
Ion Ratio Lower Upper
82 100
128 43.7 27.9 41.9#
54 54.5 41.2 61.8



#24
Nitrobenzene
Concen: 39.800 ng
RT: 9.195 min Scan# 1056
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion: 77 Resp: 49407
Ion Ratio Lower Upper
77 100
123 46.4 27.4 41.0#
65 15.5 11.4 17.0

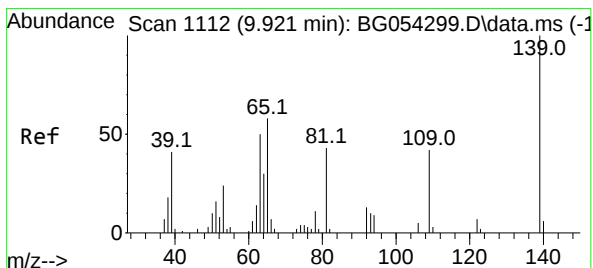
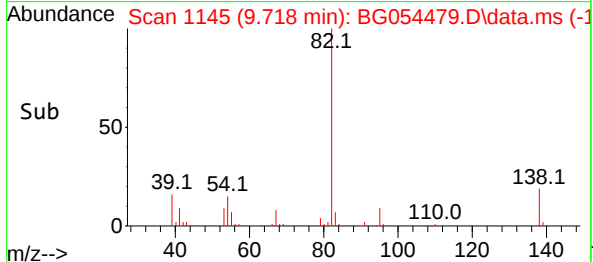
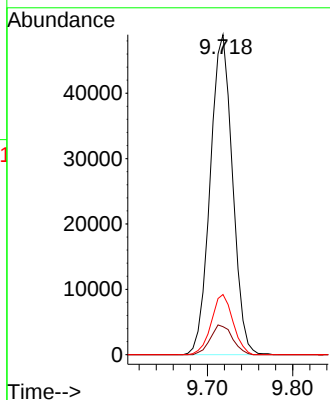
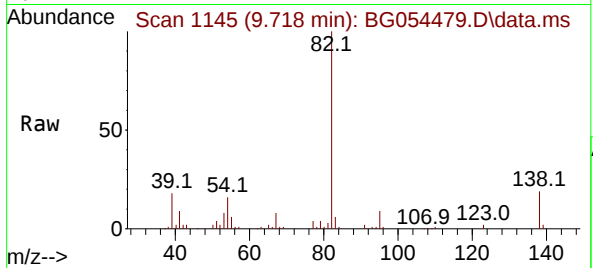




#25
Isophorone
Concen: 40.242 ng
RT: 9.718 min Scan# 1145
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

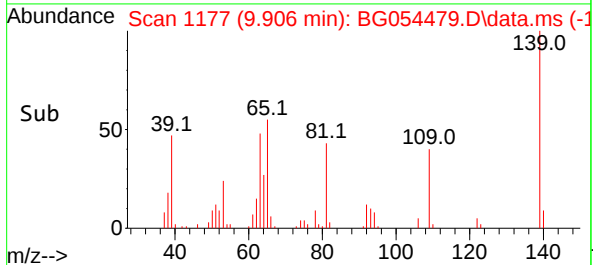
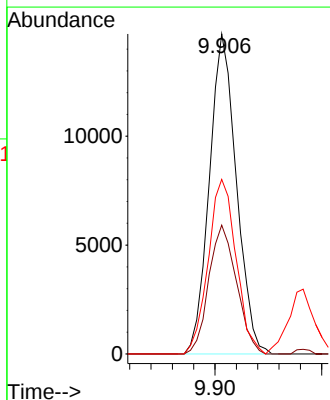
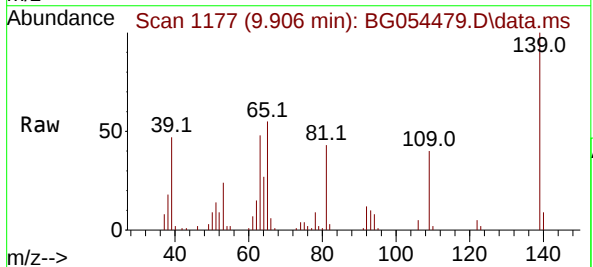
Instrument :
BNA_G
ClientSampleId :
PB146540BS

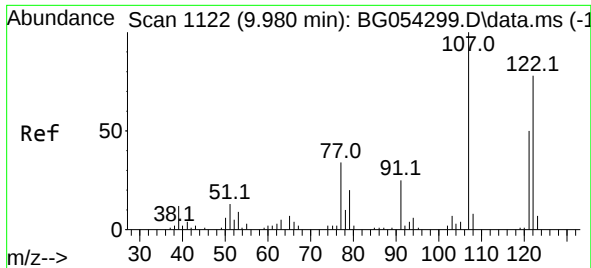
Tgt Ion: 82 Resp: 88899
Ion Ratio Lower Upper
82 100
95 8.7 6.2 9.4
138 18.8 11.6 17.4#



#26
2-Nitrophenol
Concen: 41.345 ng
RT: 9.906 min Scan# 1177
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:139 Resp: 25871
Ion Ratio Lower Upper
139 100
109 40.2 36.1 54.1
65 54.5 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 46.675 ng

RT: 9.983 min Scan# 1122

Delta R.T. 0.008 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB146540BS

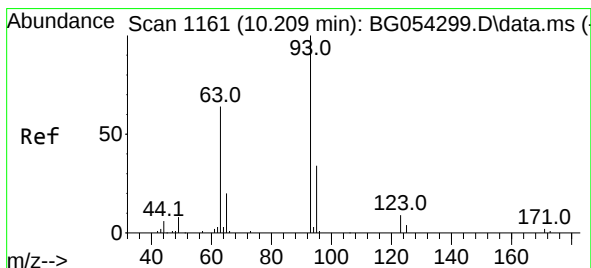
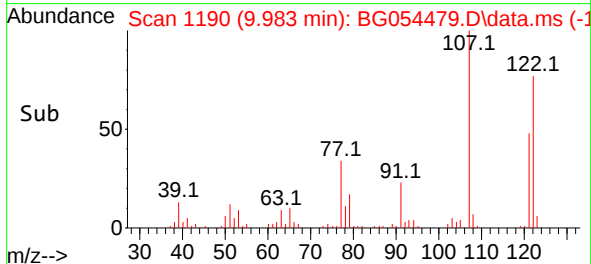
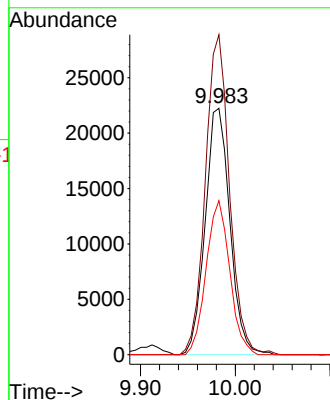
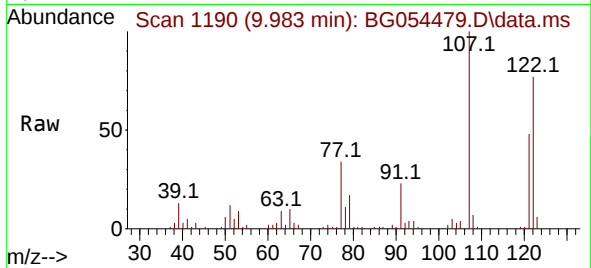
Tgt Ion:122 Resp: 40346

Ion Ratio Lower Upper

122 100

107 129.8 109.4 164.0

121 62.5 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.910 ng

RT: 10.194 min Scan# 1226

Delta R.T. -0.003 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

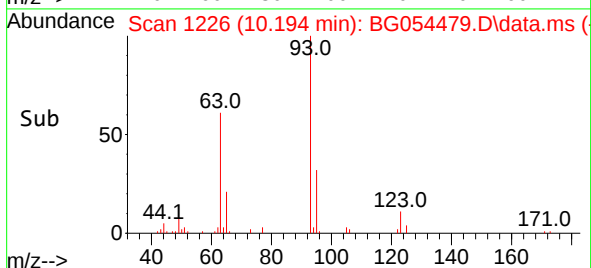
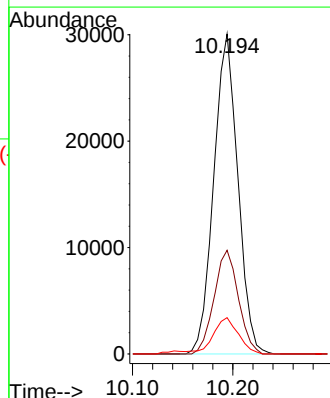
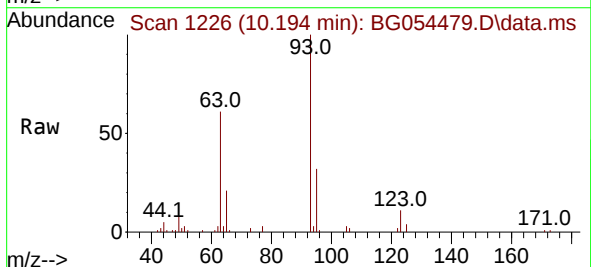
Tgt Ion: 93 Resp: 50038

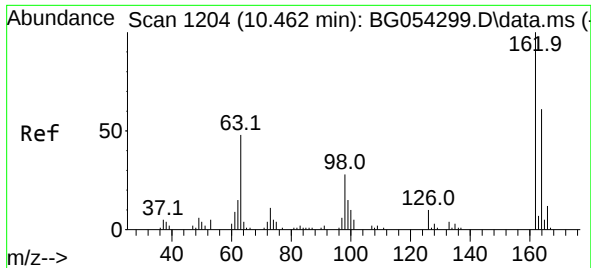
Ion Ratio Lower Upper

93 100

95 32.4 26.9 40.3

123 11.4 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 40.553 ng

RT: 10.464 min Scan# 1

Delta R.T. 0.008 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB146540BS

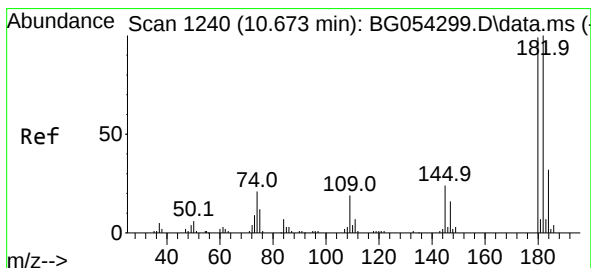
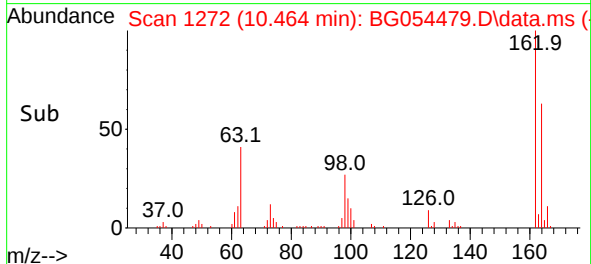
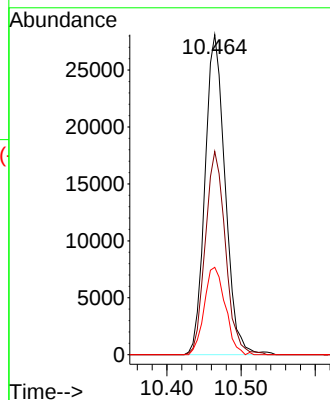
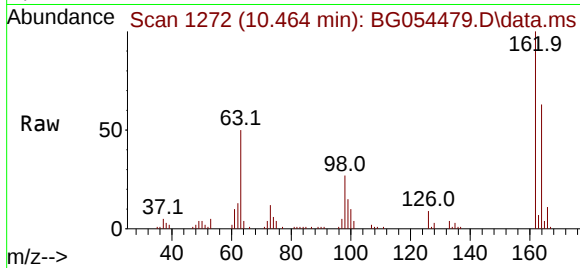
Tgt Ion:162 Resp: 52912

Ion Ratio Lower Upper

162 100

164 63.5 46.6 86.6

98 27.3 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 37.976 ng

RT: 10.658 min Scan# 1305

Delta R.T. -0.003 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

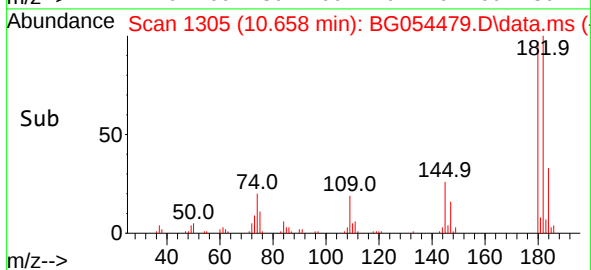
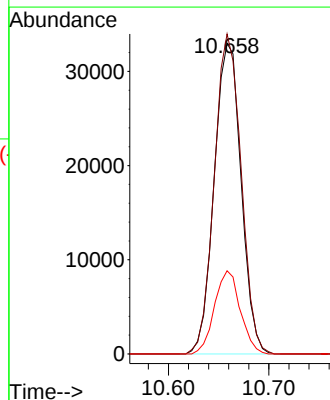
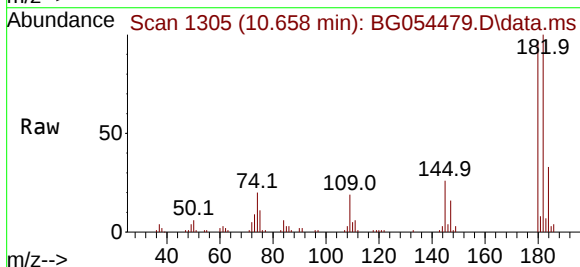
Tgt Ion:180 Resp: 61365

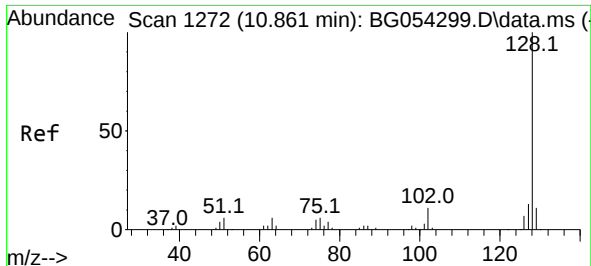
Ion Ratio Lower Upper

180 100

182 103.0 76.6 115.0

145 26.8 25.0 37.4

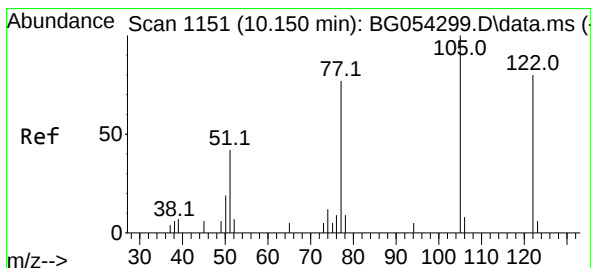
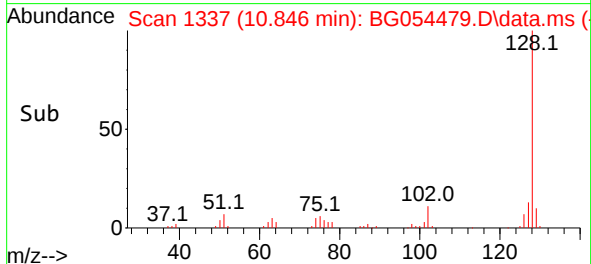
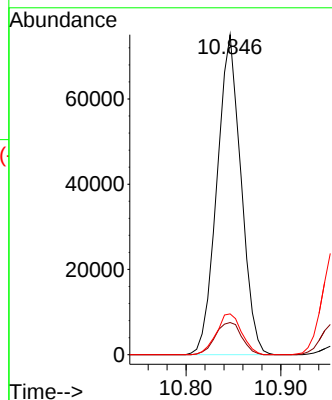
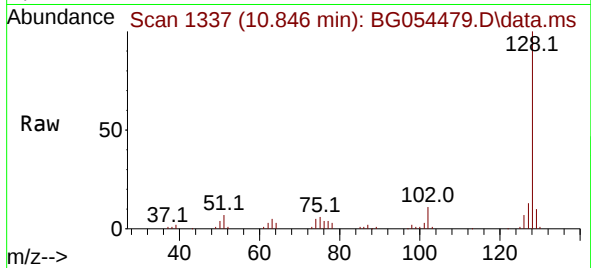




#31
Naphthalene
Concen: 38.064 ng
RT: 10.846 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

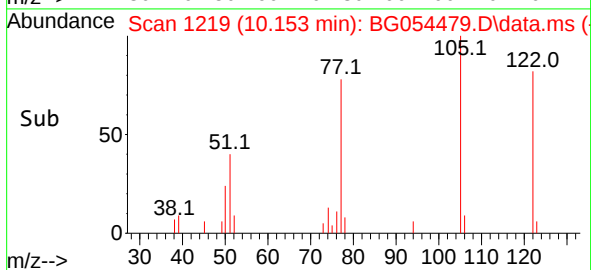
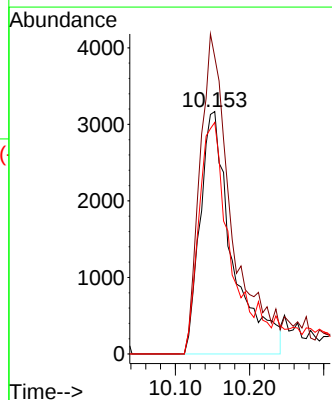
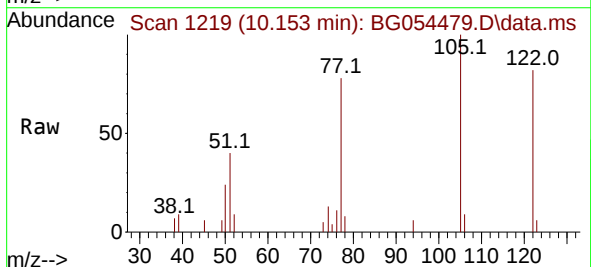
Instrument :
BNA_G
ClientSampleId :
PB146540BS

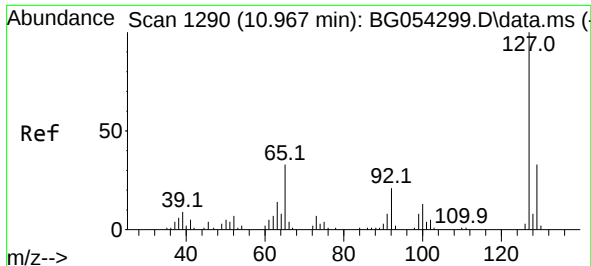
Tgt Ion:128 Resp: 132170
Ion Ratio Lower Upper
128 100
129 10.1 9.0 13.6
127 12.8 11.1 16.7



#32
Benzoic acid
Concen: 31.125 ng
RT: 10.153 min Scan# 1219
Delta R.T. 0.014 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

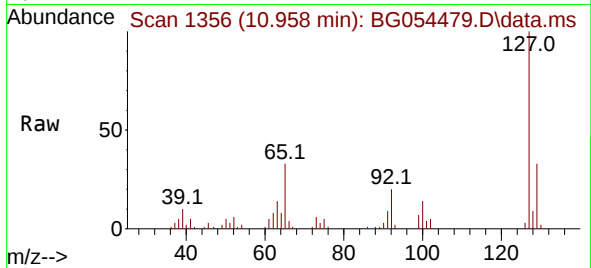
Tgt Ion:122 Resp: 9578
Ion Ratio Lower Upper
122 100
105 122.4 111.8 151.8
77 95.5 109.4 149.4#



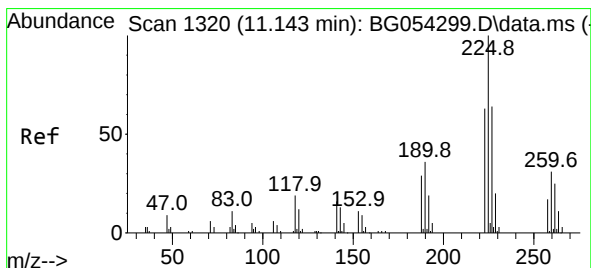
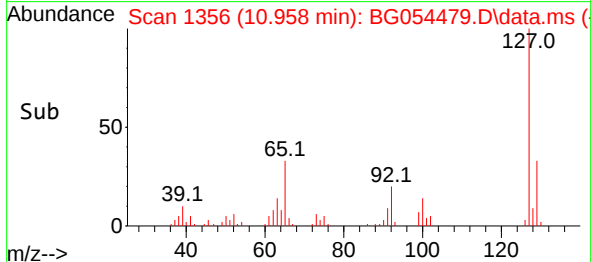
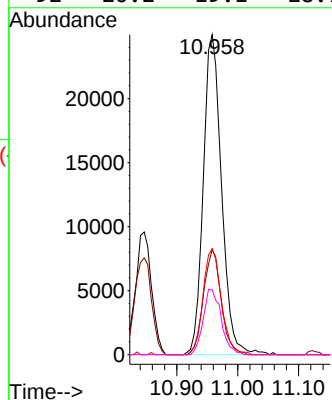


#33
4-Chloroaniline
Concen: 36.877 ng
RT: 10.958 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Instrument :
BNA_G
ClientSampleId :
PB146540BS

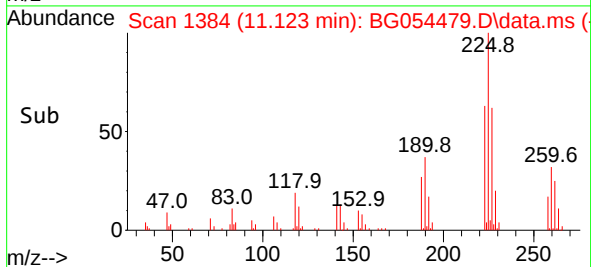
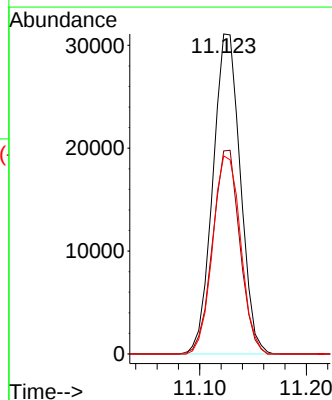
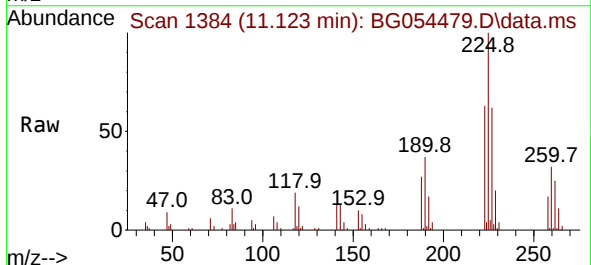


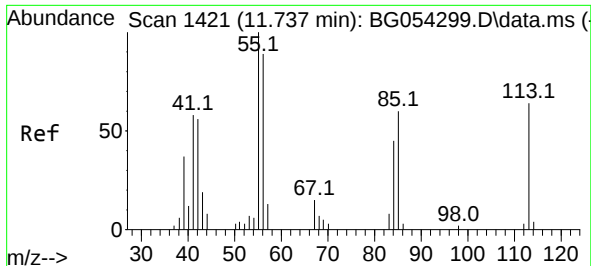
Tgt Ion:	127	Resp:	52073
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.3	39.5
65	33.1	31.1	46.7
92	20.2	19.1	28.7



#34
Hexachlorobutadiene
Concen: 38.883 ng
RT: 11.123 min Scan# 1384
Delta R.T. -0.009 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:	225	Resp:	55528
Ion Ratio	Lower	Upper	
225	100		
223	63.5	48.9	73.3
227	61.9	52.8	79.2

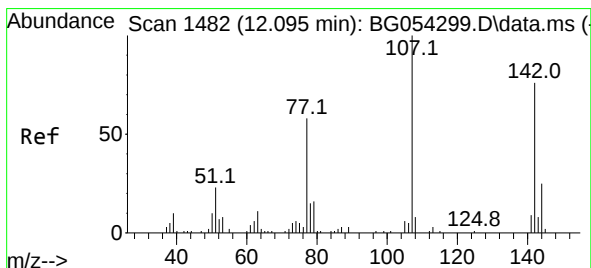
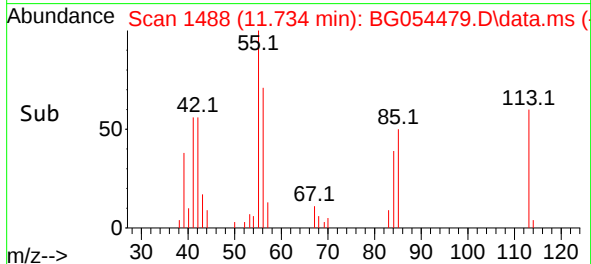
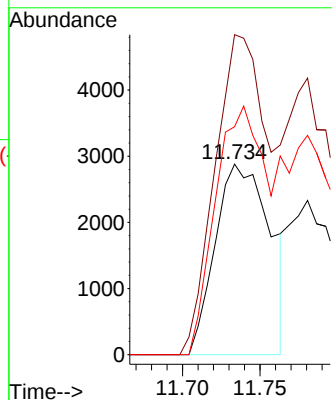
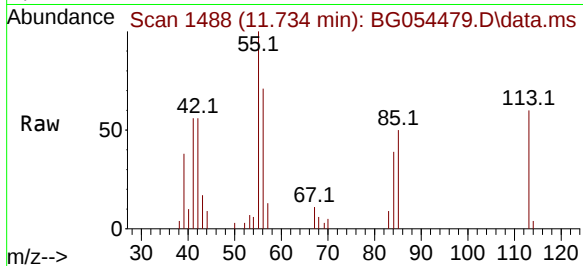




#35
 Caprolactam
 Concen: 21.420 ng
 RT: 11.734 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: BG054479.D
 Acq: 2 Aug 2022 11:57

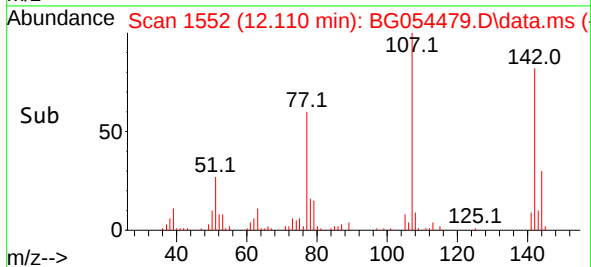
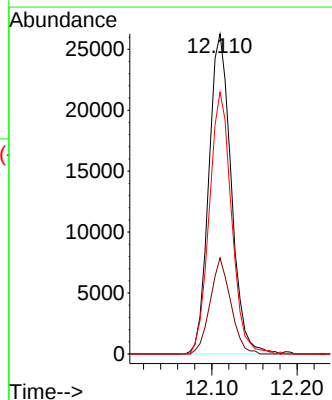
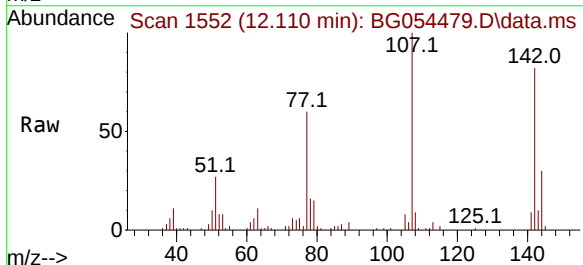
Instrument :
 BNA_G
 ClientSampleId :
 PB146540BS

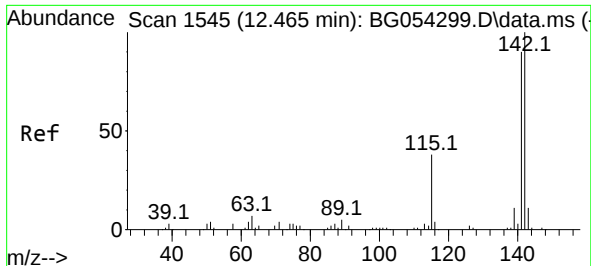
Tgt Ion:113 Resp: 7037
 Ion Ratio Lower Upper
 113 100
 55 167.9 169.8 209.8#
 56 119.7 141.2 181.2#



#36
 4-Chloro-3-methylphenol
 Concen: 40.270 ng
 RT: 12.110 min Scan# 1552
 Delta R.T. 0.014 min
 Lab File: BG054479.D
 Acq: 2 Aug 2022 11:57

Tgt Ion:107 Resp: 47800
 Ion Ratio Lower Upper
 107 100
 144 30.0 18.5 27.7#
 142 81.8 55.0 82.4

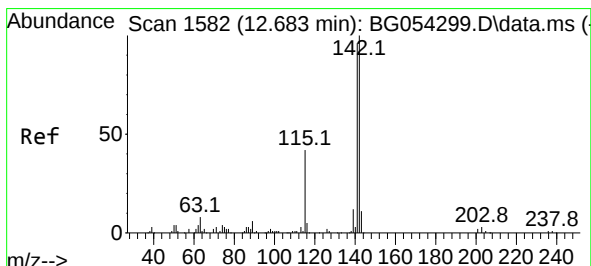
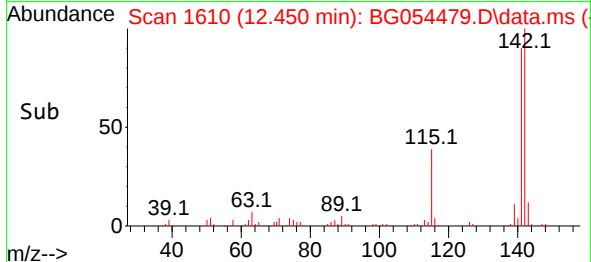
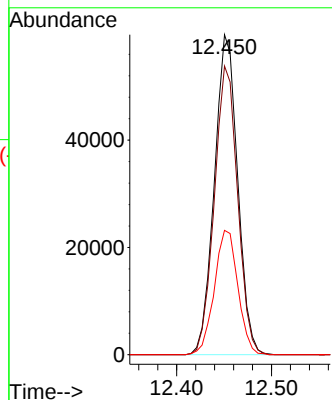
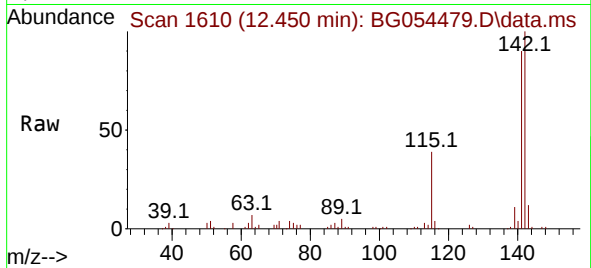




#37
2-Methylnaphthalene
Concen: 38.135 ng
RT: 12.450 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

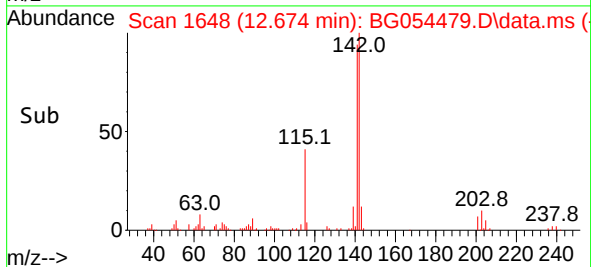
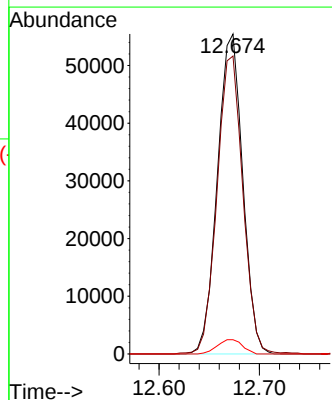
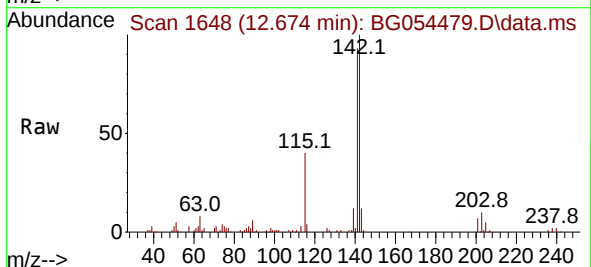
Instrument :
BNA_G
ClientSampleId :
PB146540BS

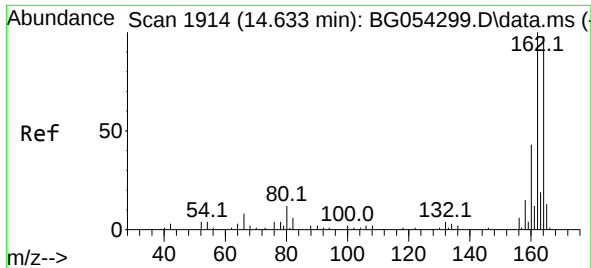
Tgt Ion:142 Resp: 101688
Ion Ratio Lower Upper
142 100
141 90.2 72.3 108.5
115 38.8 33.7 50.5



#38
1-Methylnaphthalene
Concen: 37.332 ng
RT: 12.674 min Scan# 1648
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:142 Resp: 97001
Ion Ratio Lower Upper
142 100
141 93.1 76.4 114.6
116 4.5 3.3 4.9

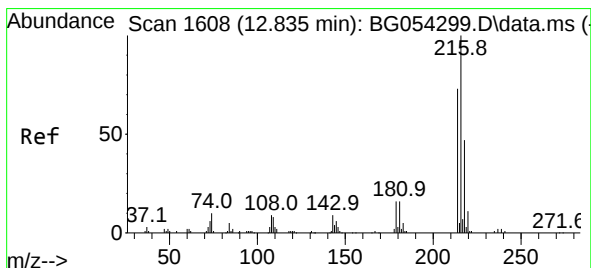
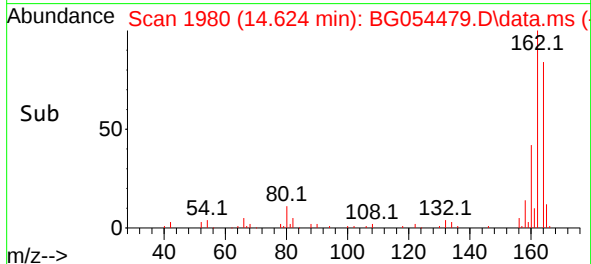
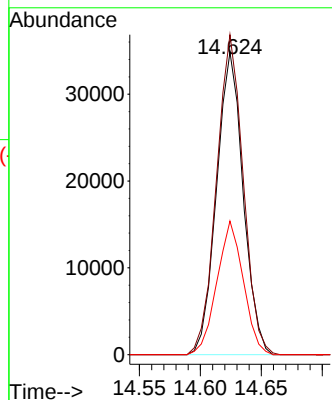
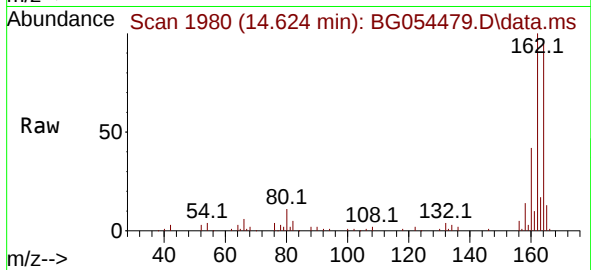




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.624 min Scan# 1674
 Delta R.T. 0.003 min
 Lab File: BG054479.D
 Acq: 2 Aug 2022 11:57

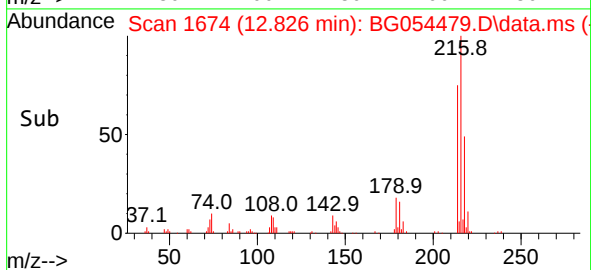
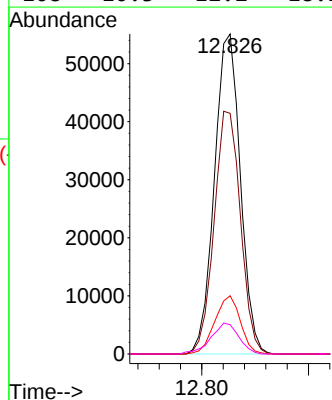
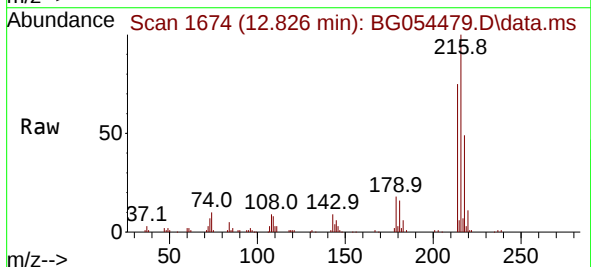
Instrument :
 BNA_G
 ClientSampleId :
 PB146540BS

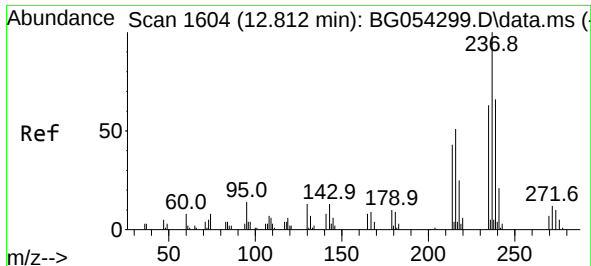
Tgt Ion:164 Resp: 52783
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.3 123.5
 160 44.2 34.2 51.2



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.207 ng
 RT: 12.826 min Scan# 1674
 Delta R.T. 0.003 min
 Lab File: BG054479.D
 Acq: 2 Aug 2022 11:57

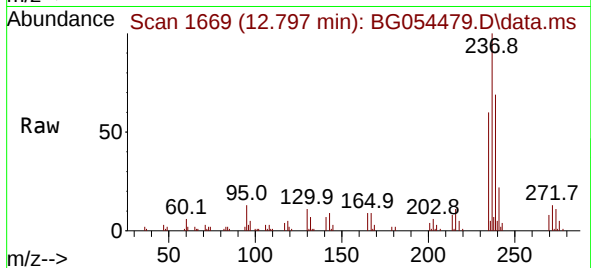
Tgt Ion:216 Resp: 92978
 Ion Ratio Lower Upper
 216 100
 214 76.8 62.9 94.3
 179 17.8 16.1 24.1
 108 10.3 12.2 18.2#



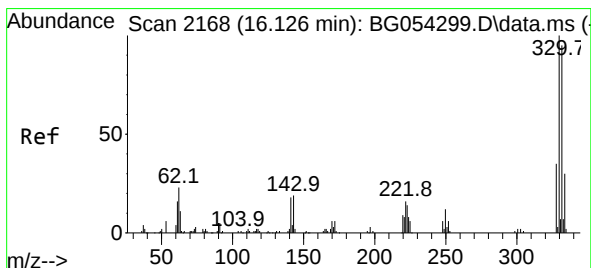
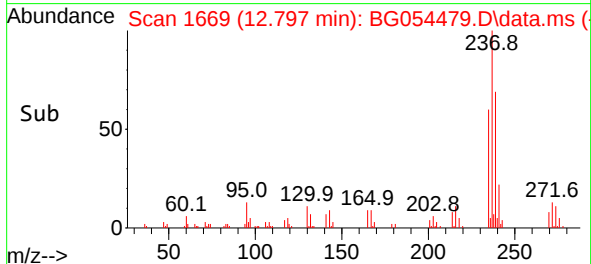
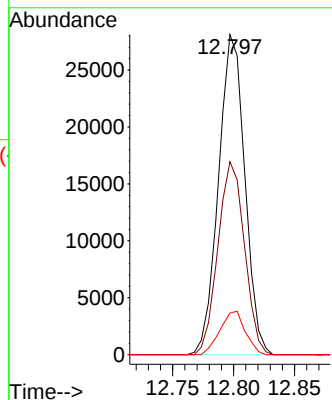


#41
Hexachlorocyclopentadiene
Concen: 58.731 ng
RT: 12.797 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Instrument :
BNA_G
ClientSampleId :
PB146540BS

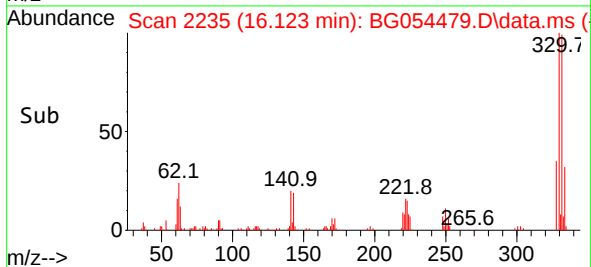
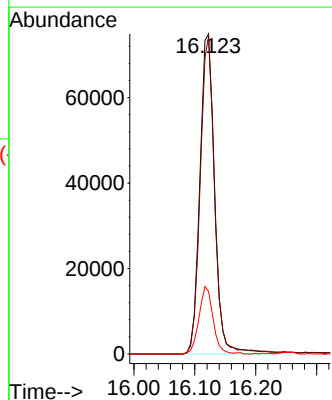
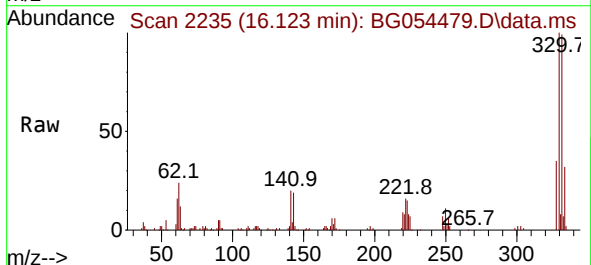


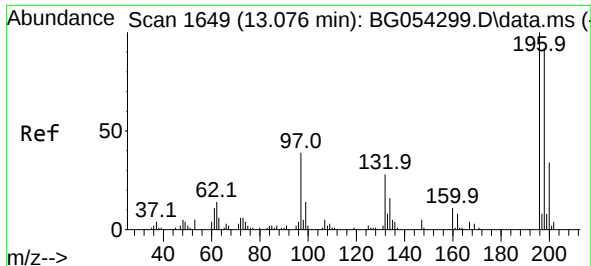
Tgt Ion:237 Resp: 42210
Ion Ratio Lower Upper
237 100
235 60.3 43.5 83.5
272 13.0 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 114.218 ng
RT: 16.123 min Scan# 2235
Delta R.T. 0.008 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:330 Resp: 126582
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 20.1 27.1 40.7#

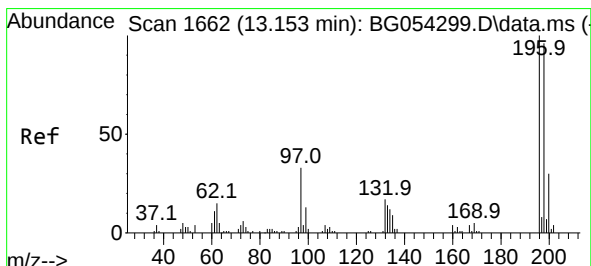
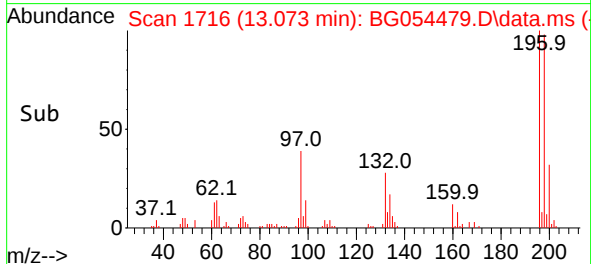
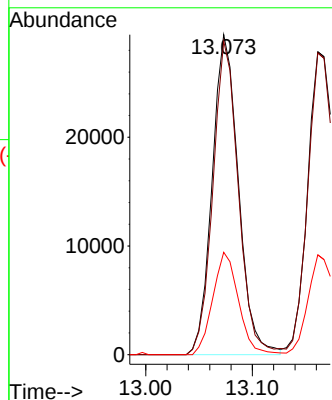
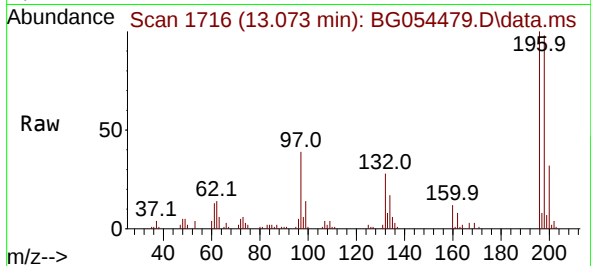




#43
2,4,6-Trichlorophenol
Concen: 40.001 ng
RT: 13.073 min Scan# 1716
Delta R.T. 0.008 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

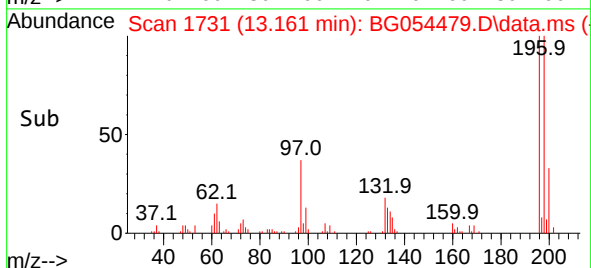
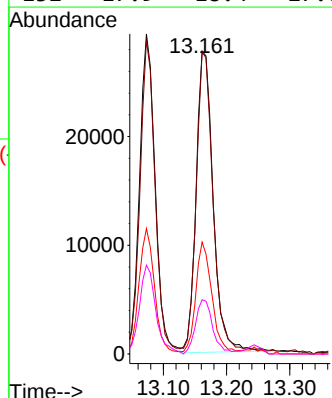
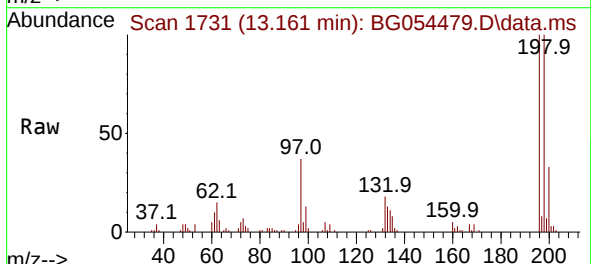
Instrument :
BNA_G
ClientSampleId :
PB146540BS

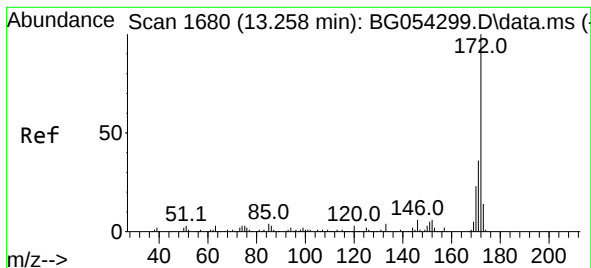
Tgt Ion:196 Resp: 50366
Ion Ratio Lower Upper
196 100
198 98.0 74.1 111.1
200 32.0 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 36.619 ng
RT: 13.161 min Scan# 1731
Delta R.T. 0.008 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:196 Resp: 52097
Ion Ratio Lower Upper
196 100
198 99.6 76.8 115.2
97 36.9 39.8 59.6#
132 17.9 18.4 27.6#

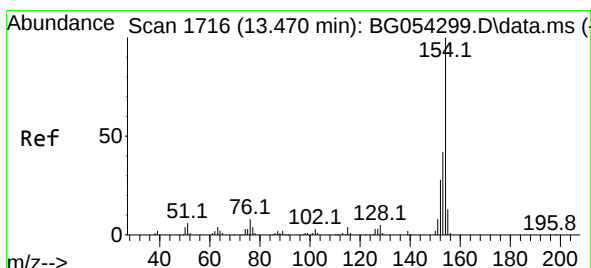
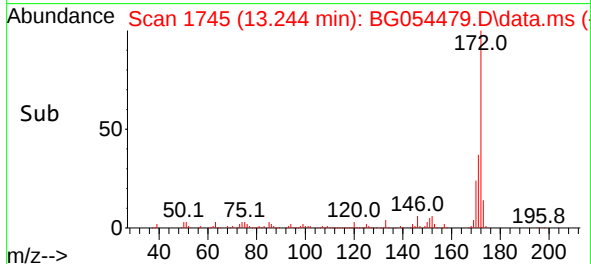
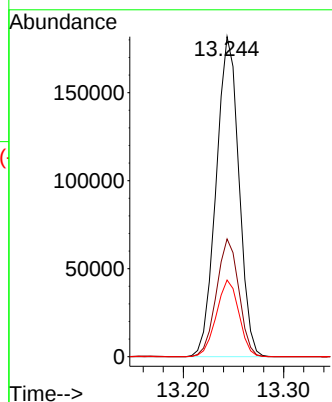
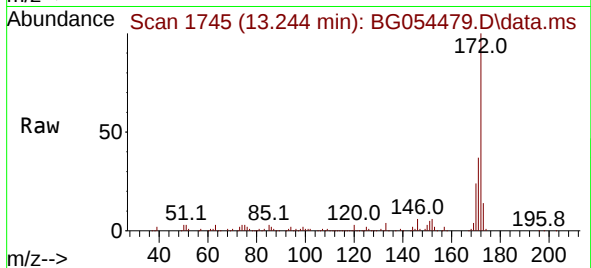




#45
2-Fluorobiphenyl
Concen: 76.423 ng
RT: 13.244 min Scan# 1781
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

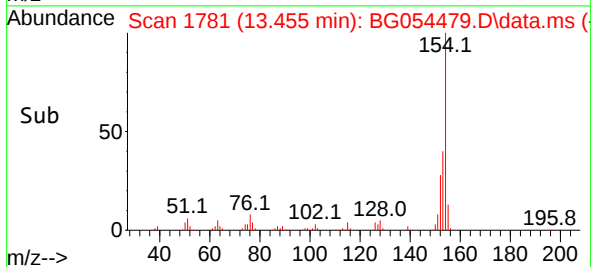
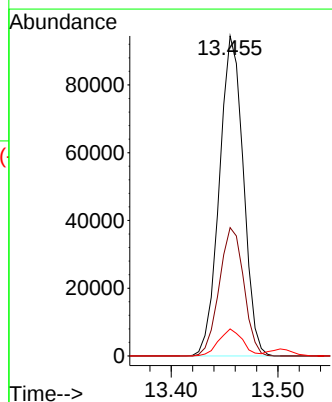
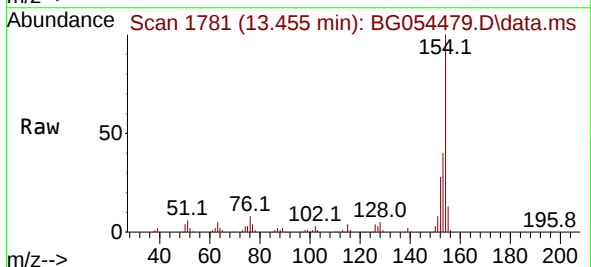
Instrument :
BNA_G
ClientSampleId :
PB146540BS

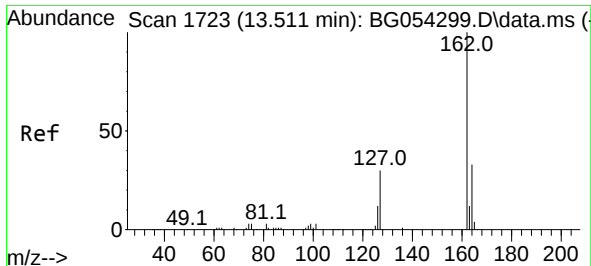
Tgt Ion:172 Resp: 285945
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 23.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.768 ng
RT: 13.455 min Scan# 1781
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:154 Resp: 147216
Ion Ratio Lower Upper
154 100
153 40.1 21.6 61.6
76 8.4 0.0 32.6

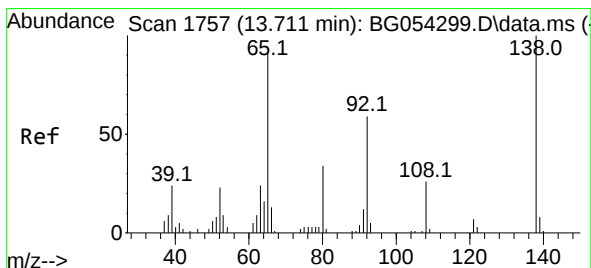
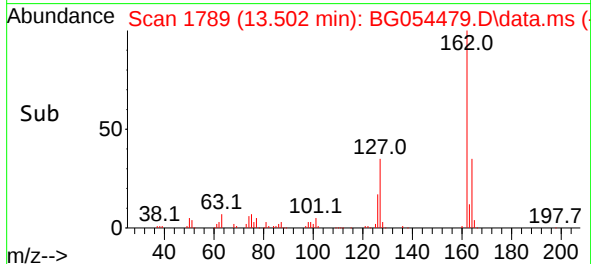
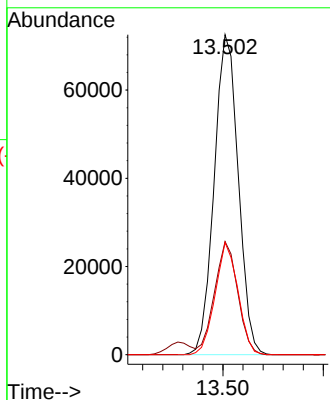
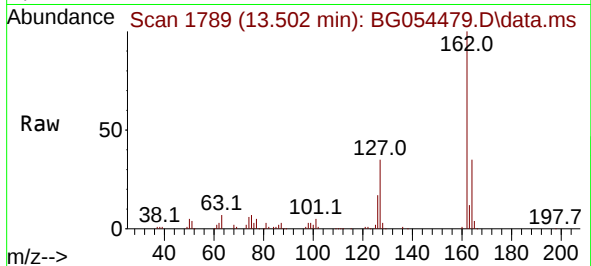




#47
2-Chloronaphthalene
Concen: 39.942 ng
RT: 13.502 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

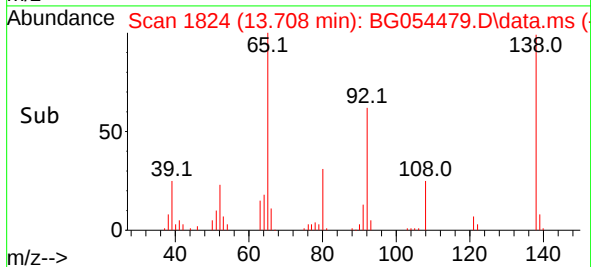
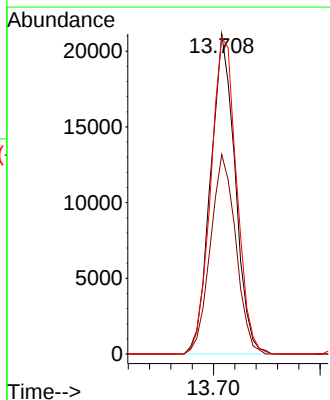
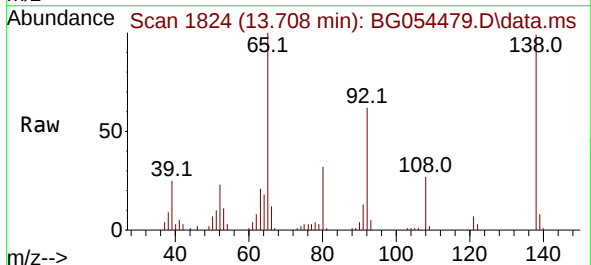
Instrument :
BNA_G
ClientSampleId :
PB146540BS

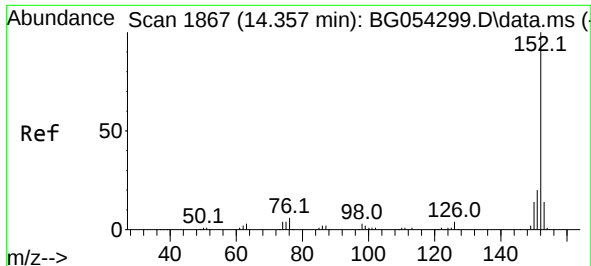
Tgt Ion:162 Resp: 120704
Ion Ratio Lower Upper
162 100
127 35.3 30.6 45.8
164 35.1 26.5 39.7



#48
2-Nitroaniline
Concen: 42.863 ng
RT: 13.708 min Scan# 1824
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion: 65 Resp: 33805
Ion Ratio Lower Upper
65 100
92 62.3 51.5 77.3
138 98.9 71.3 106.9





#49

Acenaphthylene

Concen: 39.519 ng

RT: 14.348 min Scan# 1887

Delta R.T. 0.003 min

Lab File: BG054479.D

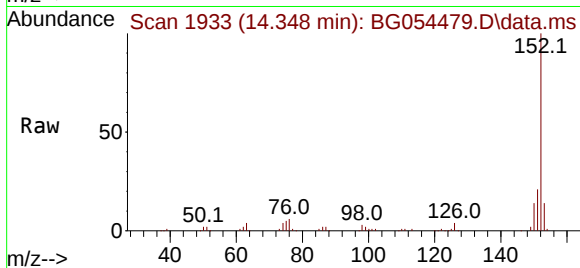
Acq: 2 Aug 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB146540BS



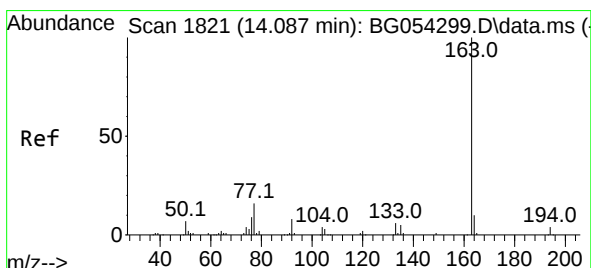
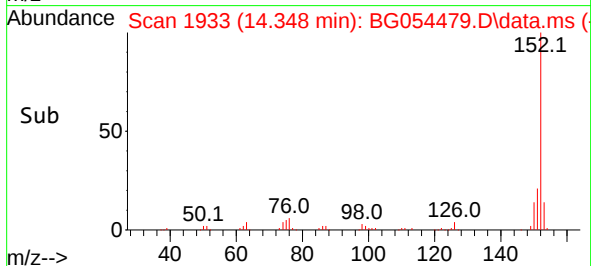
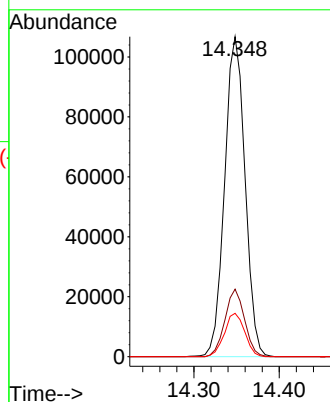
Tgt Ion:152 Resp: 177456

Ion Ratio Lower Upper

152 100

151 21.1 16.4 24.6

153 13.6 10.8 16.2



#50

Dimethylphthalate

Concen: 40.448 ng

RT: 14.078 min Scan# 1887

Delta R.T. 0.003 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

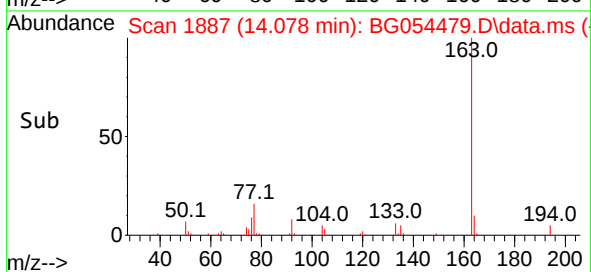
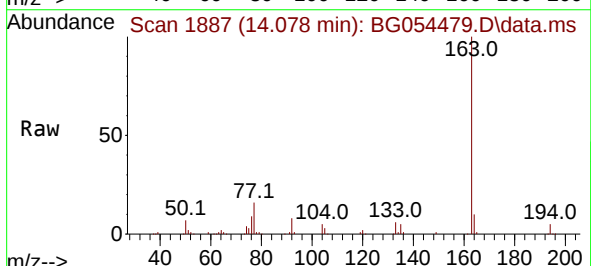
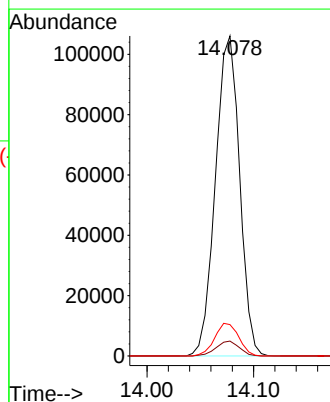
Tgt Ion:163 Resp: 166763

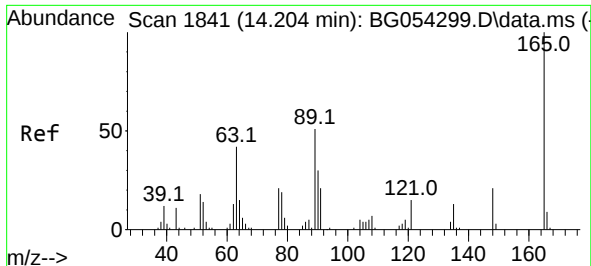
Ion Ratio Lower Upper

163 100

194 4.6 3.0 4.6#

164 9.8 8.0 12.0

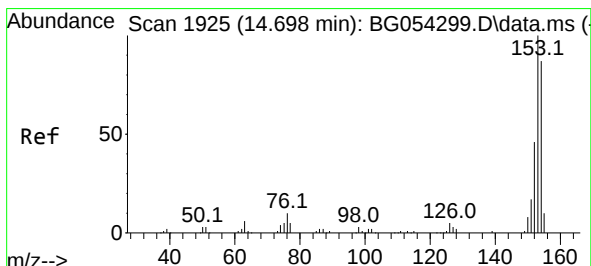
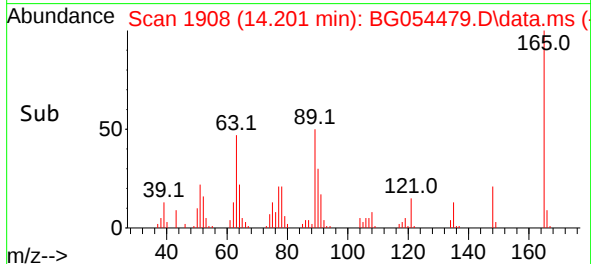
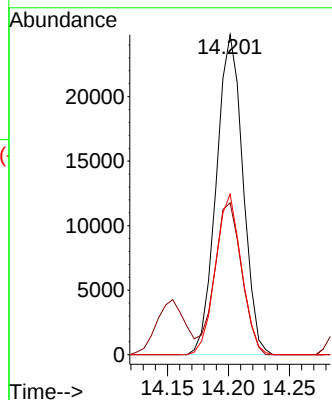
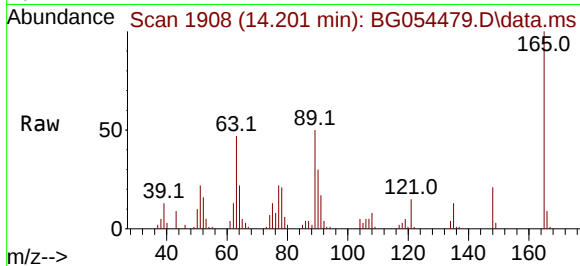




#51
2,6-Dinitrotoluene
Concen: 41.568 ng
RT: 14.201 min Scan# 1908
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

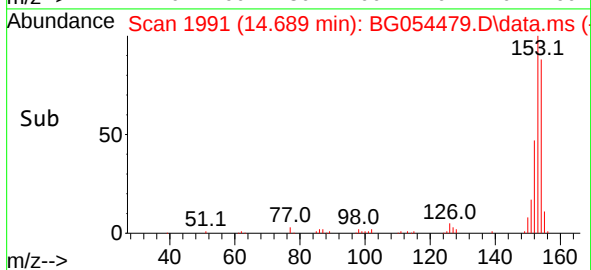
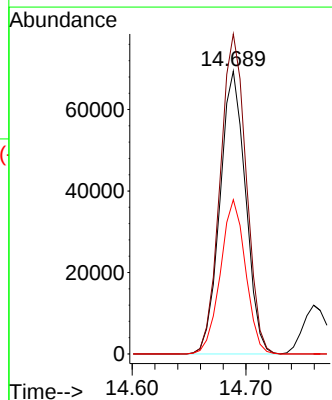
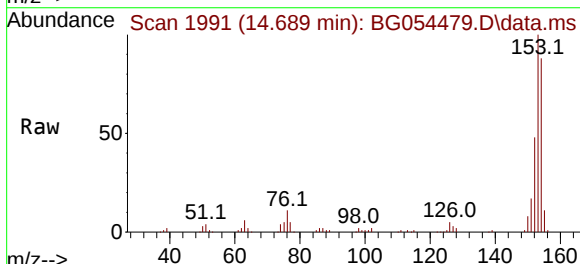
Instrument :
BNA_G
ClientSampleId :
PB146540BS

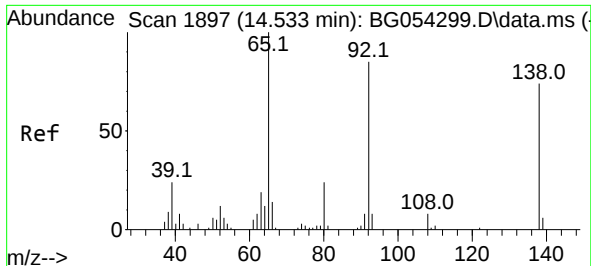
Tgt Ion:165 Resp: 37590
Ion Ratio Lower Upper
165 100
63 47.4 54.1 81.1#
89 50.1 54.8 82.2#



#52
Acenaphthene
Concen: 39.913 ng
RT: 14.689 min Scan# 1991
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:154 Resp: 108530
Ion Ratio Lower Upper
154 100
153 113.1 92.7 139.1
152 54.5 42.6 64.0

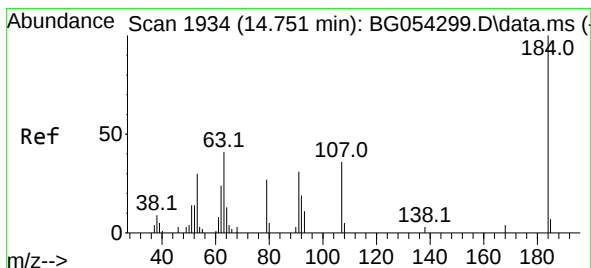
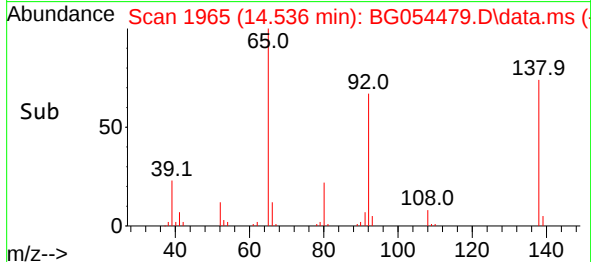
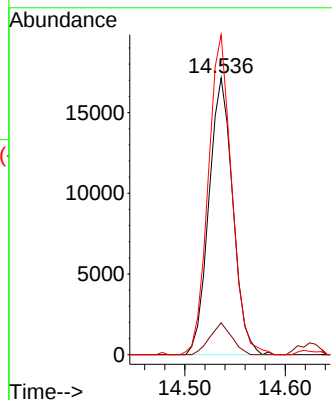
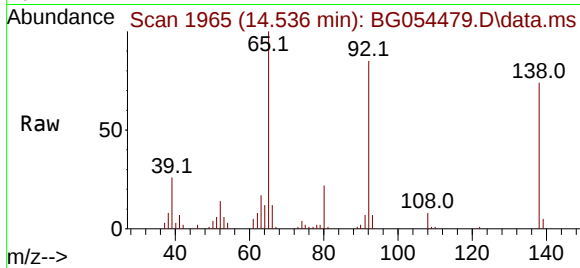




#53
3-Nitroaniline
Concen: 37.547 ng
RT: 14.536 min Scan# 1965
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

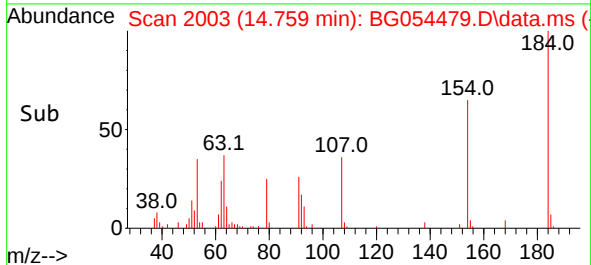
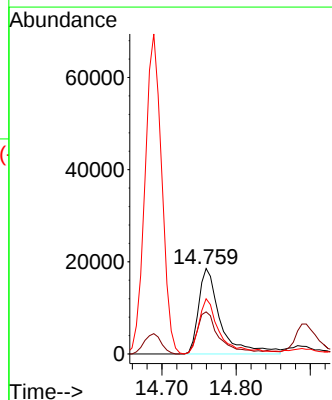
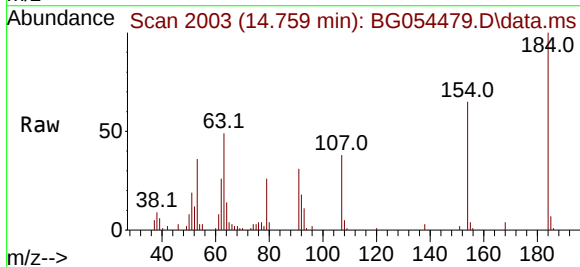
Instrument :
BNA_G
ClientSampleId :
PB146540BS

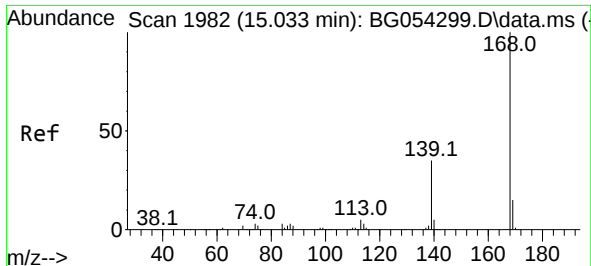
Tgt Ion:138 Resp: 28397
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 115.6 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 73.033 ng
RT: 14.759 min Scan# 2003
Delta R.T. 0.008 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:184 Resp: 38005
Ion Ratio Lower Upper
184 100
63 49.4 61.1 91.7#
154 64.7 60.6 91.0

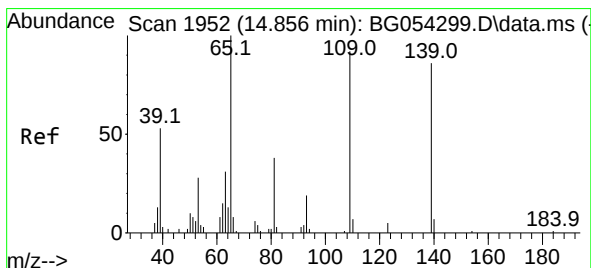
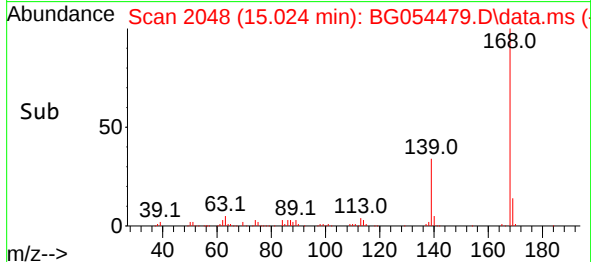
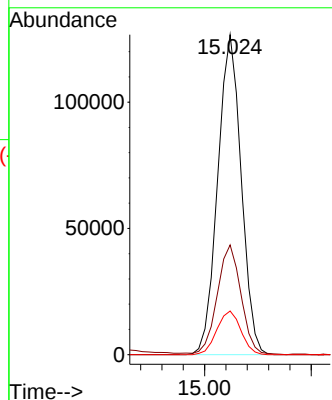
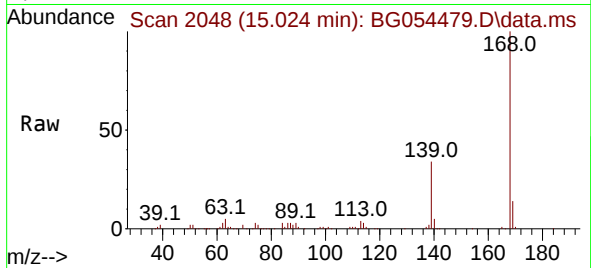




#55
Dibenzofuran
Concen: 39.986 ng
RT: 15.024 min Scan# 2048
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

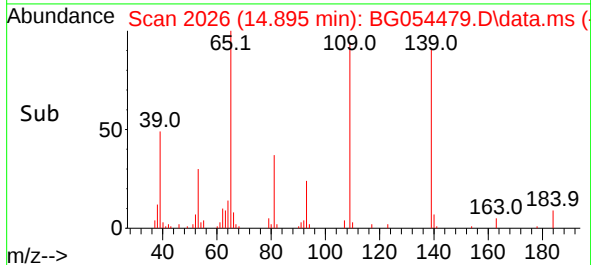
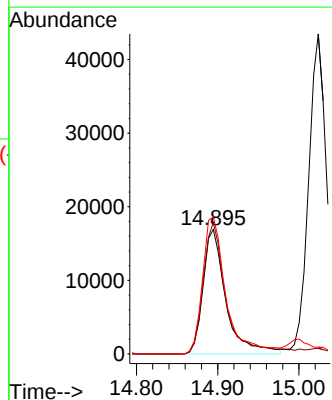
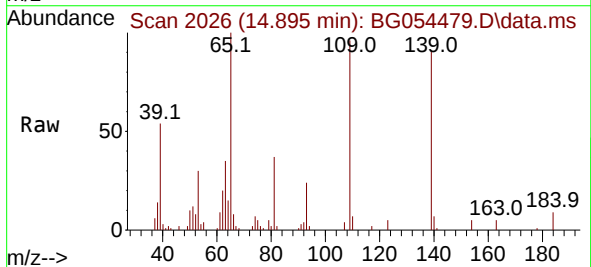
Instrument :
BNA_G
ClientSampleId :
PB146540BS

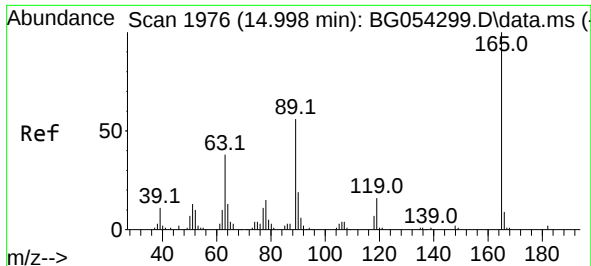
Tgt Ion:168 Resp: 193460
Ion Ratio Lower Upper
168 100
139 34.3 30.5 45.7
169 13.7 10.3 15.5



#56
4-Nitrophenol
Concen: 65.396 ng
RT: 14.895 min Scan# 2026
Delta R.T. 0.014 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

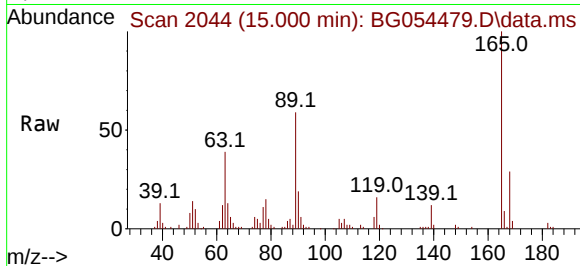
Tgt Ion:139 Resp: 32998
Ion Ratio Lower Upper
139 100
109 105.7 88.5 128.5
65 110.2 93.9 133.9



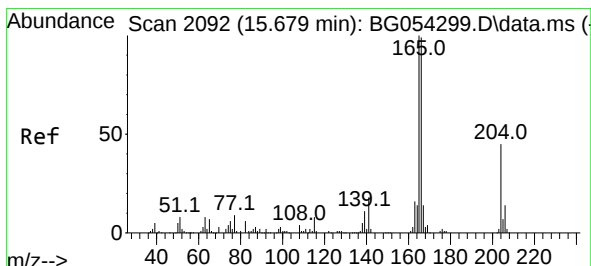
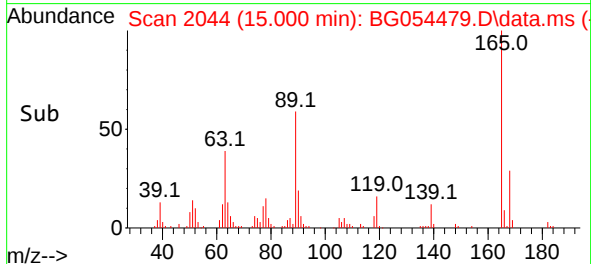
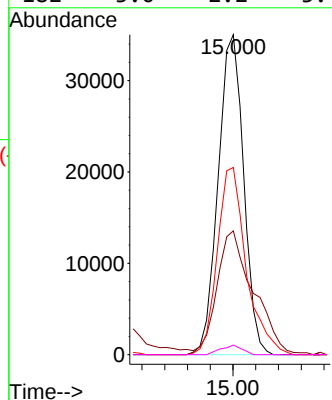


#57
2,4-Dinitrotoluene
Concen: 42.096 ng
RT: 15.000 min Scan# 2044
Delta R.T. 0.008 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Instrument :
BNA_G
ClientSampleId :
PB146540BS

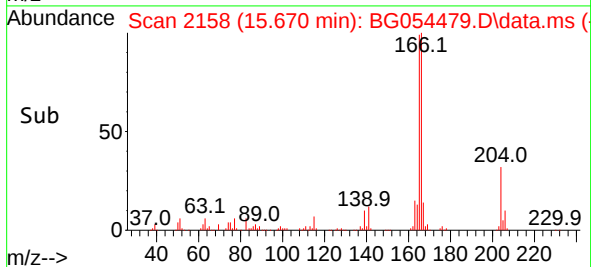
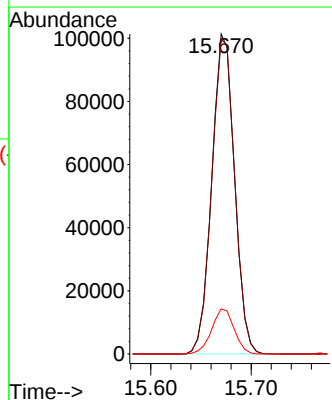
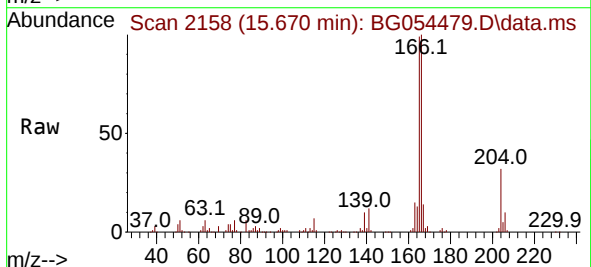


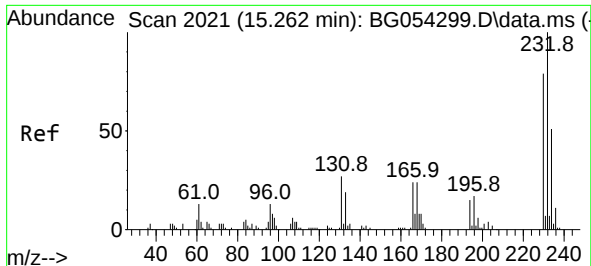
Tgt Ion:165 Resp: 54573
Ion Ratio Lower Upper
165 100
63 38.7 34.6 52.0
89 58.5 60.3 90.5#
182 3.0 2.2 3.4



#58
Fluorene
Concen: 39.954 ng
RT: 15.670 min Scan# 2158
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:166 Resp: 158934
Ion Ratio Lower Upper
166 100
165 98.6 75.0 112.6
167 14.1 10.8 16.2

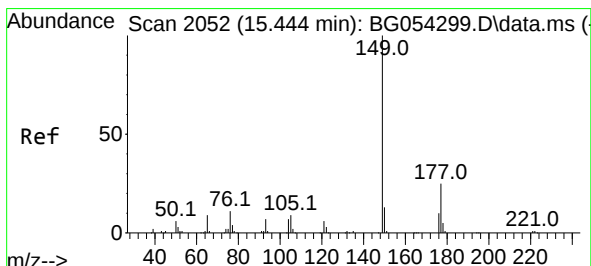
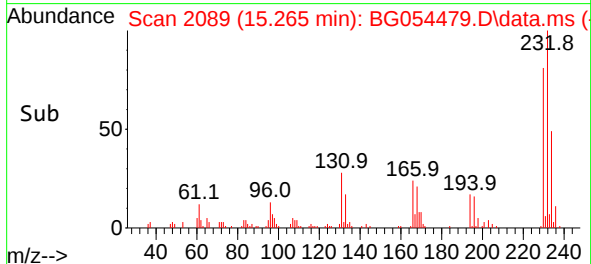
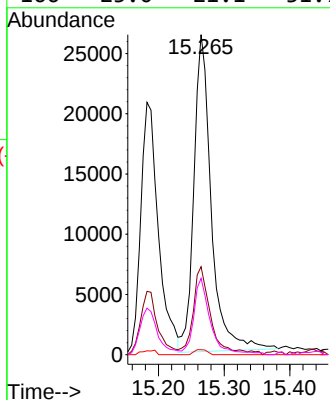
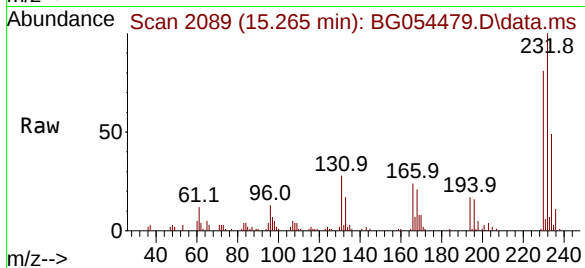




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.128 ng
RT: 15.265 min Scan# 20
Delta R.T. 0.008 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

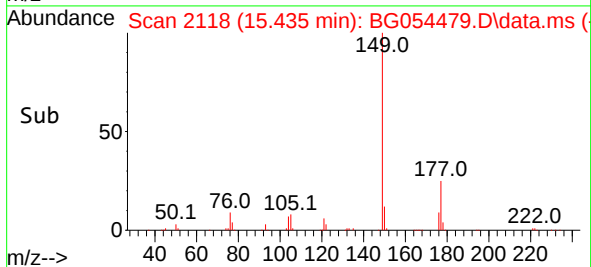
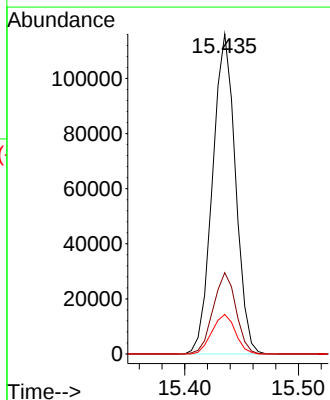
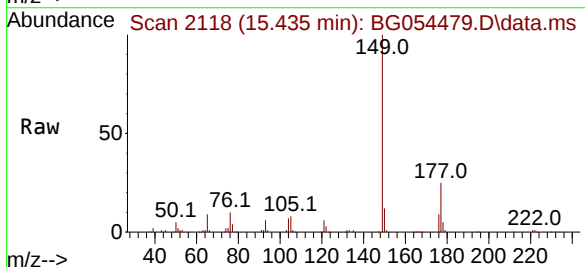
Instrument :
BNA_G
ClientSampleId :
PB146540BS

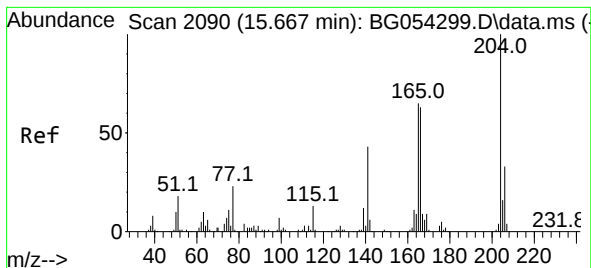
Tgt Ion:232 Resp: 48656
Ion Ratio Lower Upper
232 100
131 27.4 30.6 46.0#
130 1.2 1.8 2.8#
166 23.0 21.1 31.7



#60
Diethylphthalate
Concen: 41.128 ng
RT: 15.435 min Scan# 2118
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:149 Resp: 162667
Ion Ratio Lower Upper
149 100
177 25.4 18.4 27.6
150 12.4 11.2 16.8

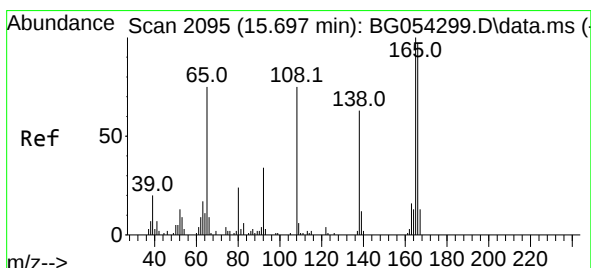
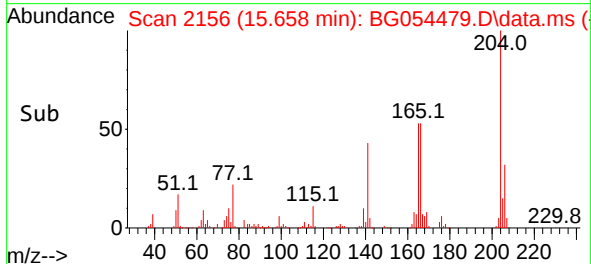
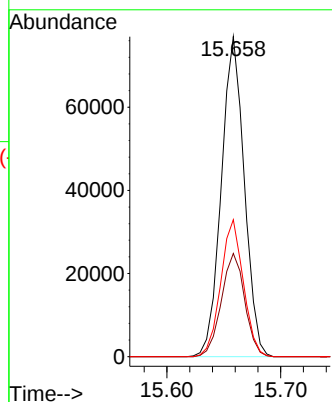
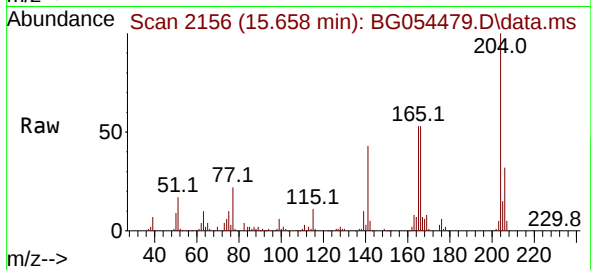




#61
4-Chlorophenyl-phenylether
Concen: 41.354 ng
RT: 15.658 min Scan# 2115
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

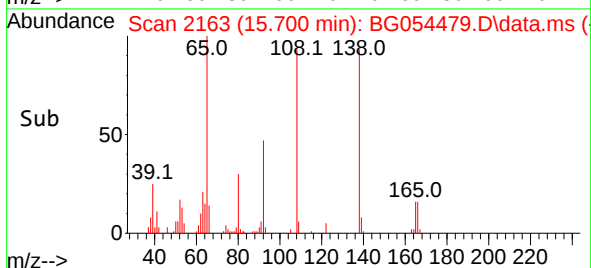
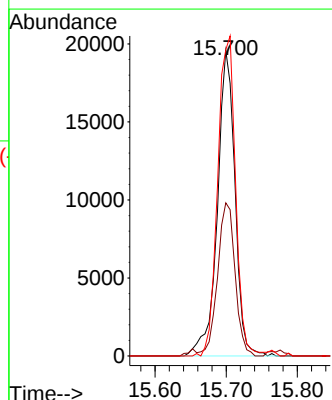
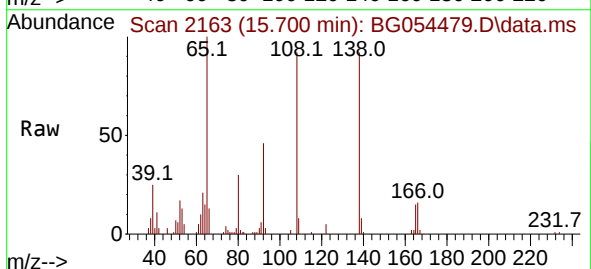
Instrument :
BNA_G
ClientSampleId :
PB146540BS

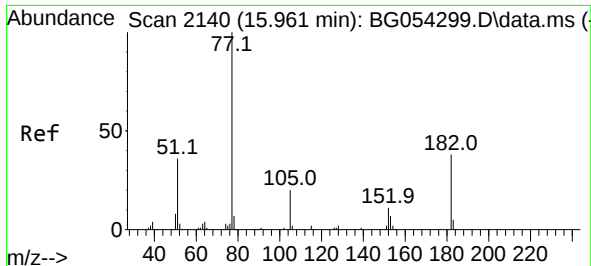
Tgt Ion:204 Resp: 107982
Ion Ratio Lower Upper
204 100
206 32.3 27.5 41.3
141 42.8 45.3 67.9#



#62
4-Nitroaniline
Concen: 42.340 ng
RT: 15.700 min Scan# 2163
Delta R.T. 0.008 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:138 Resp: 33643
Ion Ratio Lower Upper
138 100
92 50.1 40.5 80.5
108 100.2 103.7 143.7#

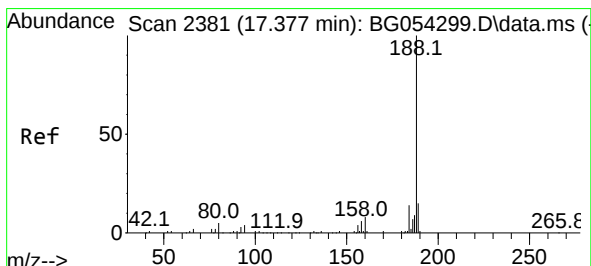
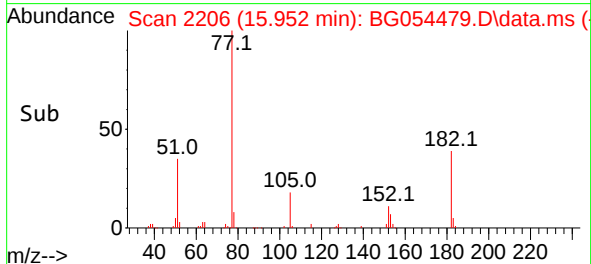
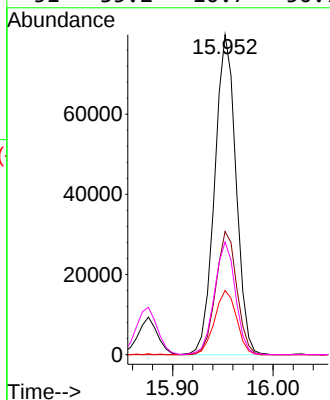
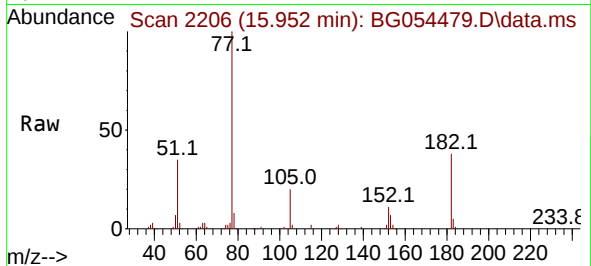




#63
 Azobenzene
 Concen: 41.175 ng
 RT: 15.952 min Scan# 2140
 Delta R.T. 0.003 min
 Lab File: BG054479.D
 Acq: 2 Aug 2022 11:57

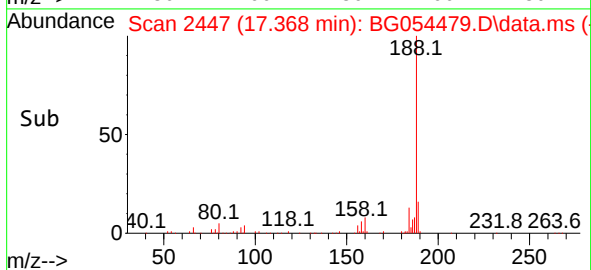
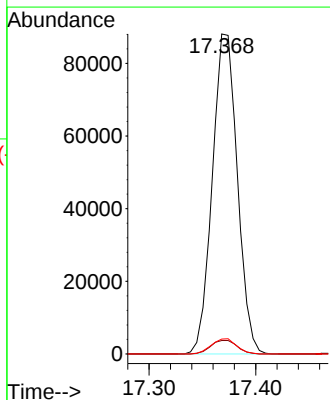
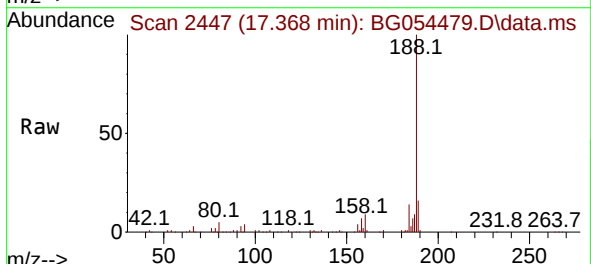
Instrument :
 BNA_G
 ClientSampleId :
 PB146540BS

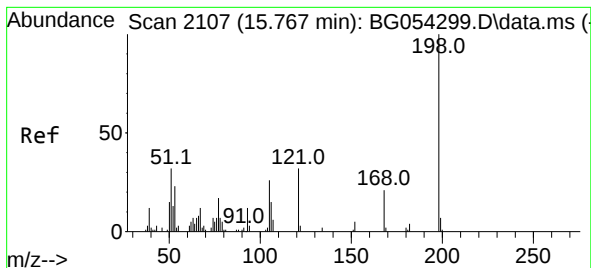
Tgt Ion: 77	Resp: 117669
Ion Ratio	Lower Upper
77 100	
182 38.5	3.8 43.8
105 20.1	0.0 37.8
51 35.2	10.7 50.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.368 min Scan# 2447
 Delta R.T. -0.003 min
 Lab File: BG054479.D
 Acq: 2 Aug 2022 11:57

Tgt	Ion:188	Resp:	143681
Ion	Ratio	Lower	Upper
188	100		
94	4.2	5.4	8.0#
80	4.7	6.8	10.2#

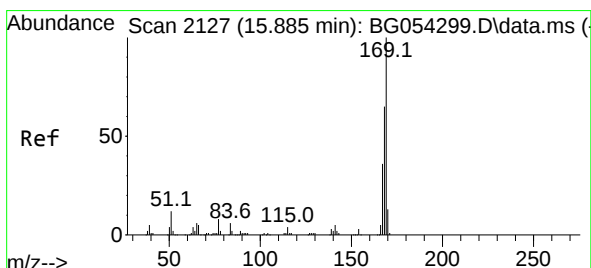
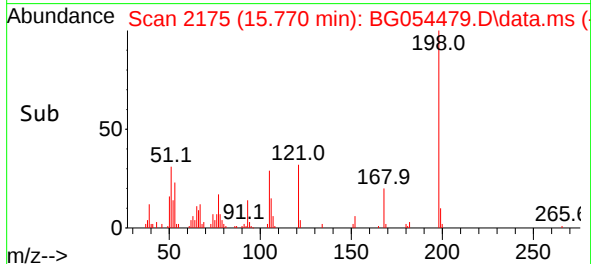
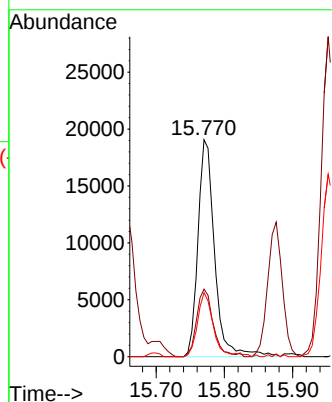
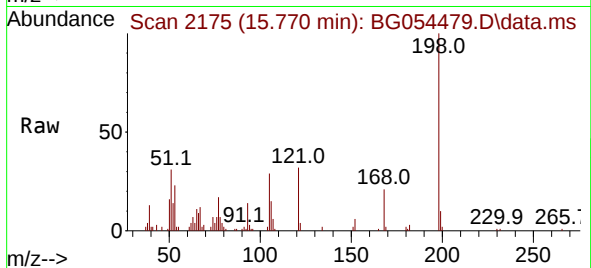




#65
4,6-Dinitro-2-methylphenol
Concen: 36.438 ng
RT: 15.770 min Scan# 2107
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

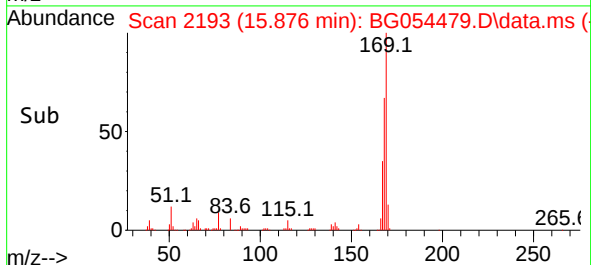
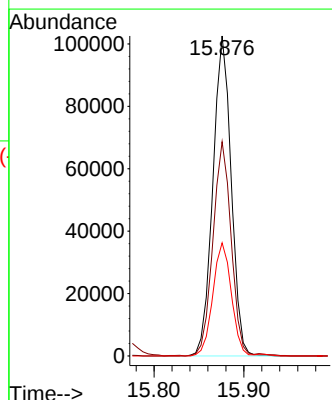
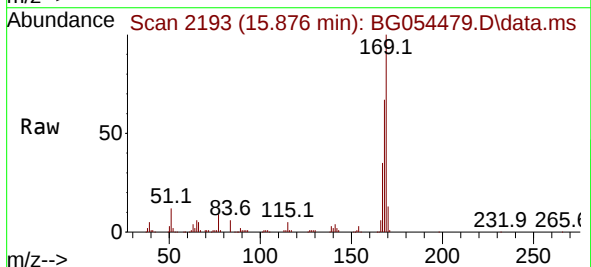
Instrument :
BNA_G
ClientSampleId :
PB146540BS

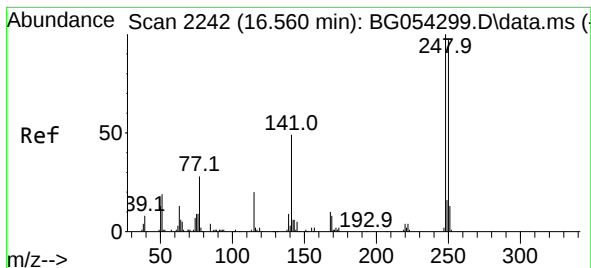
Tgt Ion:198 Resp: 32345
Ion Ratio Lower Upper
198 100
51 31.1 28.1 68.1
105 29.5 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 40.489 ng
RT: 15.876 min Scan# 2193
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:169 Resp: 145243
Ion Ratio Lower Upper
169 100
168 67.0 55.9 83.9
167 35.4 30.6 46.0

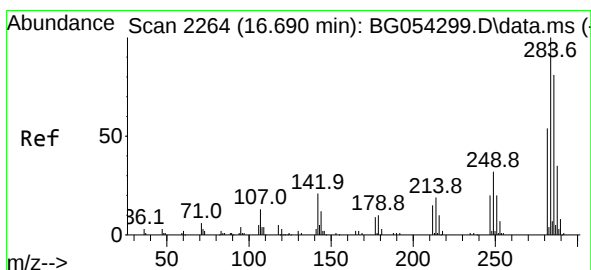
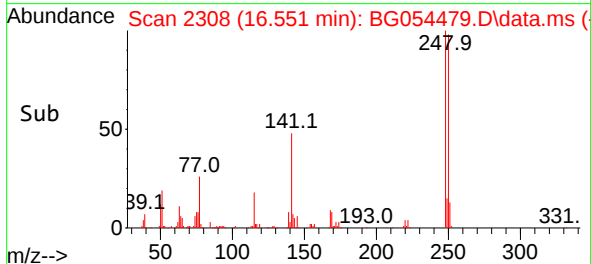
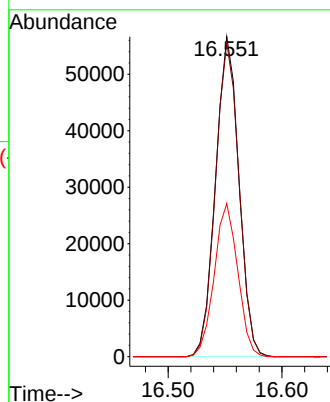
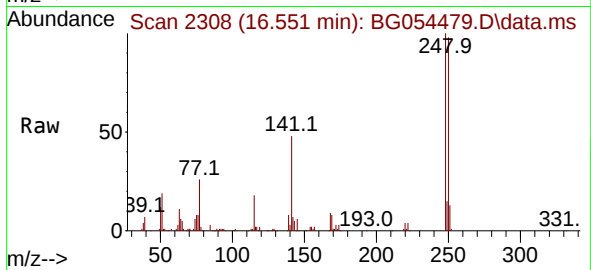




#67
4-Bromophenyl-phenylether
Concen: 40.145 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

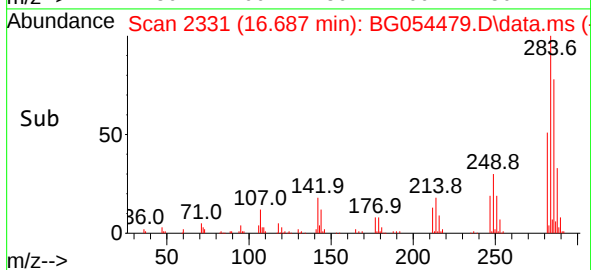
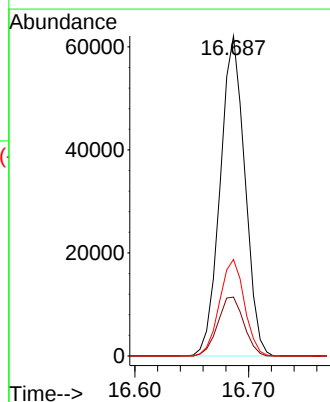
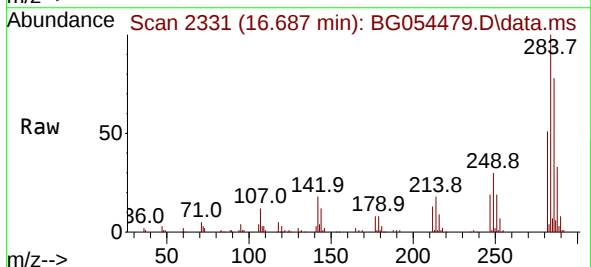
Instrument :
BNA_G
ClientSampleId :
PB146540BS

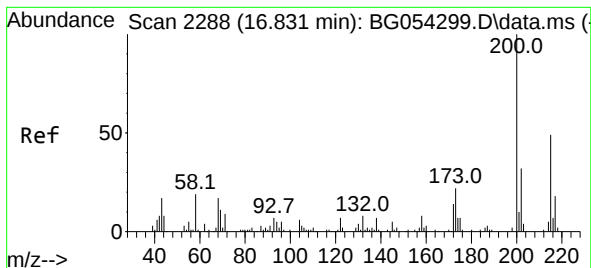
Tgt Ion:248 Resp: 81009
Ion Ratio Lower Upper
248 100
250 98.2 75.2 112.8
141 47.9 50.0 75.0#



#68
Hexachlorobenzene
Concen: 40.558 ng
RT: 16.687 min Scan# 2331
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:284 Resp: 93595
Ion Ratio Lower Upper
284 100
142 18.4 23.6 35.4#
249 30.2 25.8 38.6





#69

Atrazine

Concen: 48.371 ng

RT: 16.828 min Scan# 21

Delta R.T. 0.008 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB146540BS

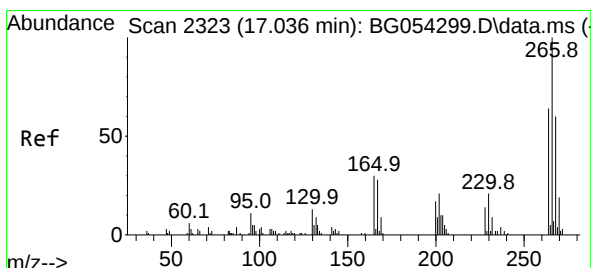
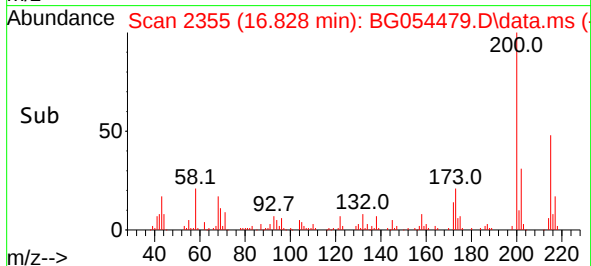
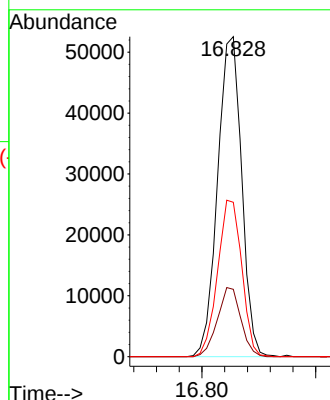
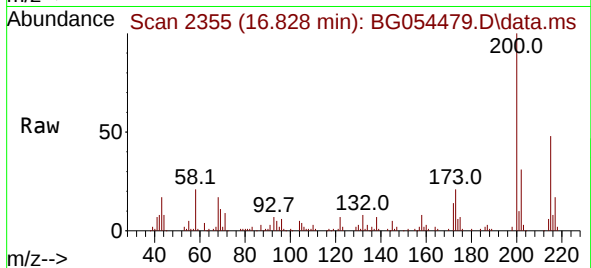
Tgt Ion:200 Resp: 77215

Ion Ratio Lower Upper

200 100

173 21.0 3.7 43.7

215 48.3 25.2 65.2



#70

Pentachlorophenol

Concen: 48.112 ng

RT: 17.039 min Scan# 2391

Delta R.T. 0.003 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

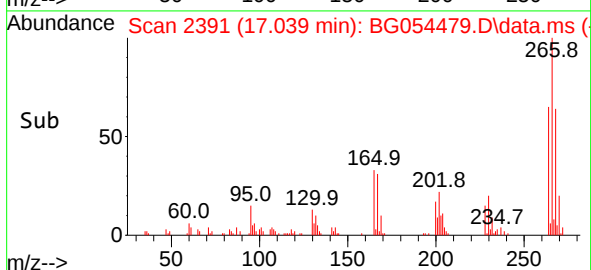
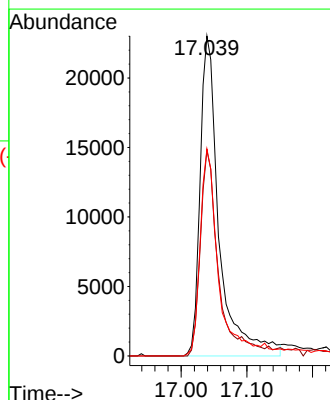
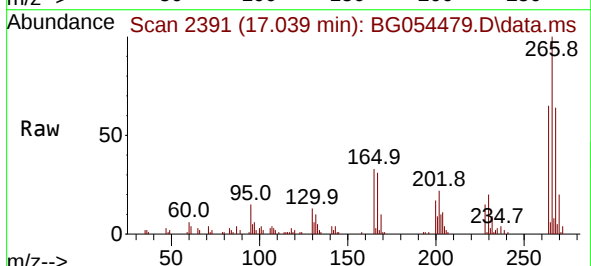
Tgt Ion:266 Resp: 46573

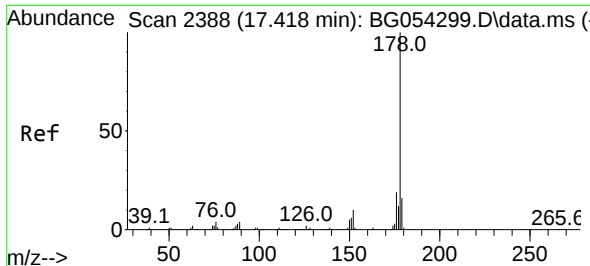
Ion Ratio Lower Upper

266 100

268 69.4 56.2 84.2

264 64.7 53.0 79.4

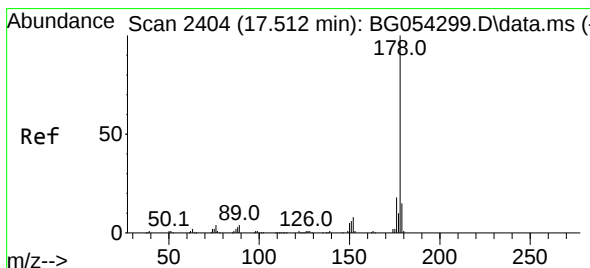
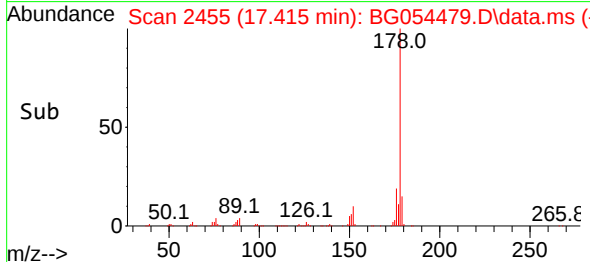
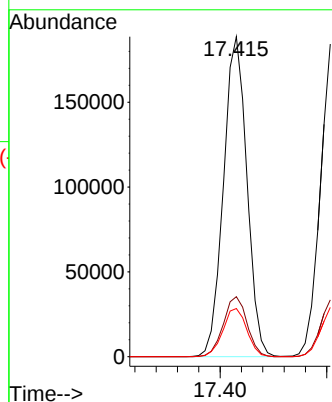
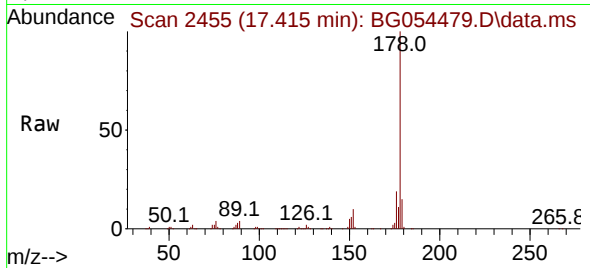




#71
Phenanthrene
Concen: 40.150 ng
RT: 17.415 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

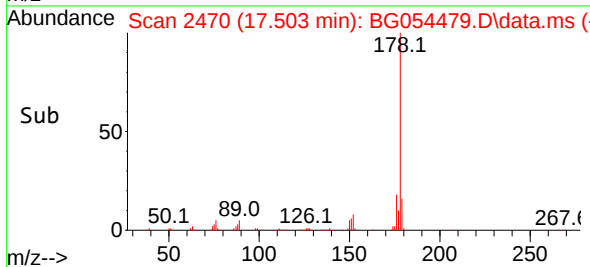
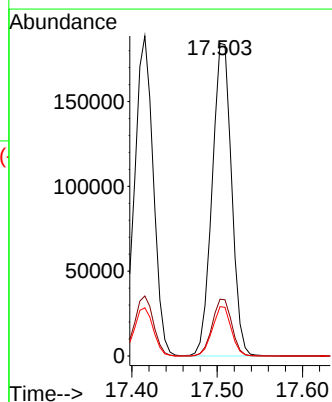
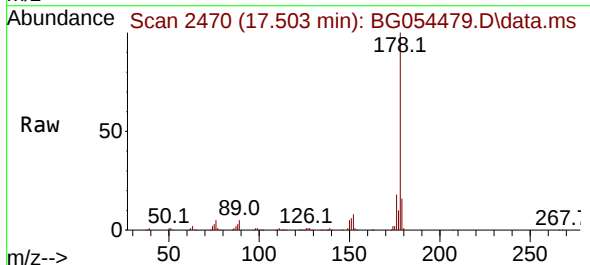
Instrument :
BNA_G
ClientSampleId :
PB146540BS

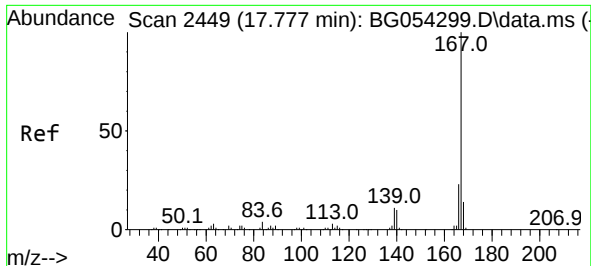
Tgt Ion:178 Resp: 287284
Ion Ratio Lower Upper
178 100
176 18.8 14.1 21.1
179 15.1 12.1 18.1



#72
Anthracene
Concen: 41.554 ng
RT: 17.503 min Scan# 2470
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:178 Resp: 291773
Ion Ratio Lower Upper
178 100
176 18.2 15.2 22.8
179 15.8 13.0 19.4

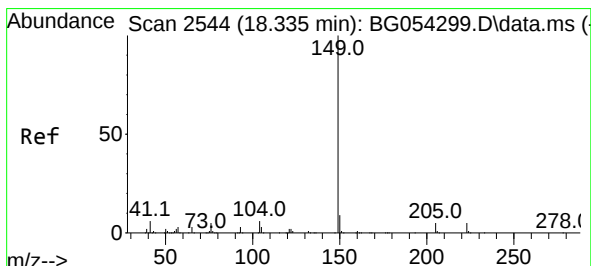
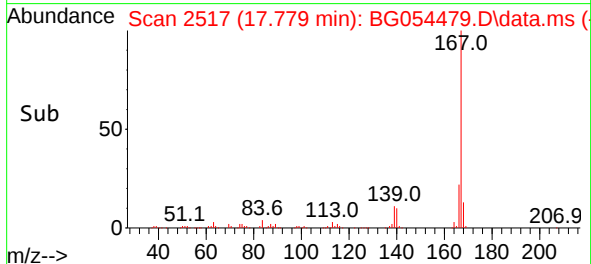
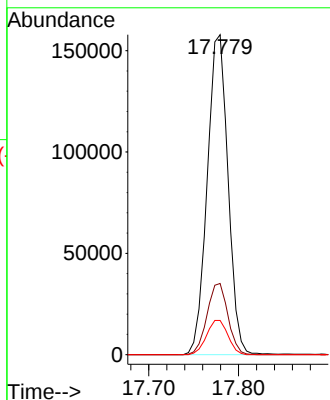
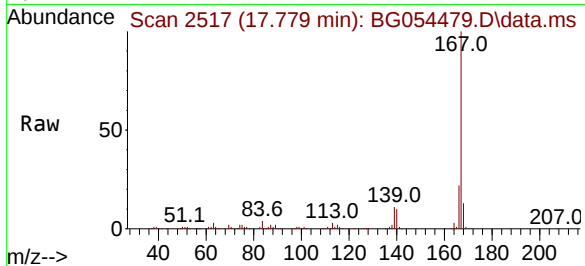




#73
 Carbazole
 Concen: 43.896 ng
 RT: 17.779 min Scan# 21
 Delta R.T. 0.008 min
 Lab File: BG054479.D
 Acq: 2 Aug 2022 11:57

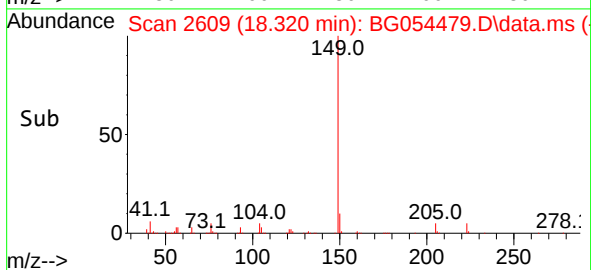
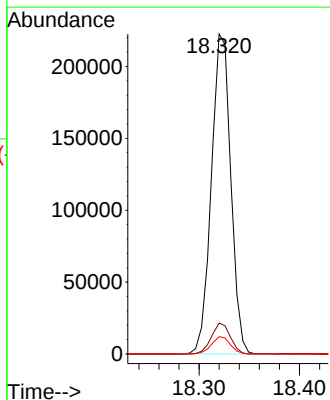
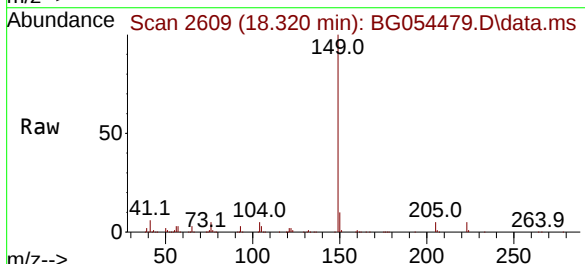
Instrument :
 BNA_G
 ClientSampleId :
 PB146540BS

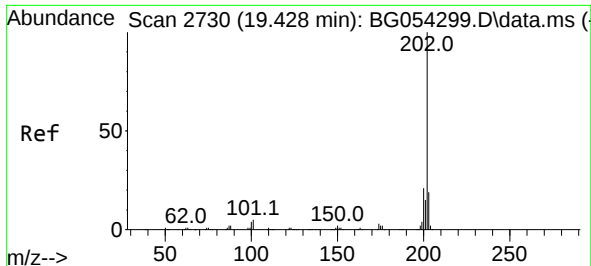
Tgt Ion:167 Resp: 253755
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 10.7 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 43.845 ng
 RT: 18.320 min Scan# 2609
 Delta R.T. -0.003 min
 Lab File: BG054479.D
 Acq: 2 Aug 2022 11:57

Tgt Ion:149 Resp: 299100
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.4 5.4 8.0

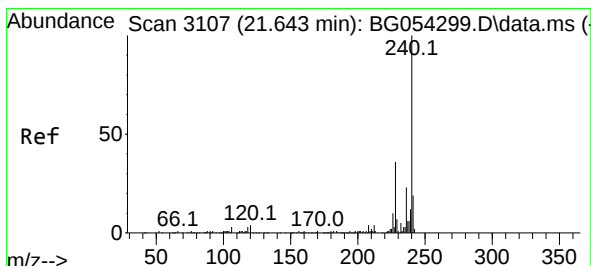
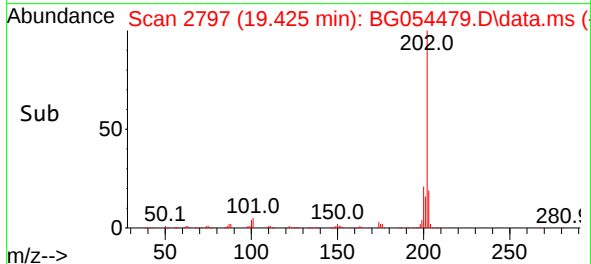
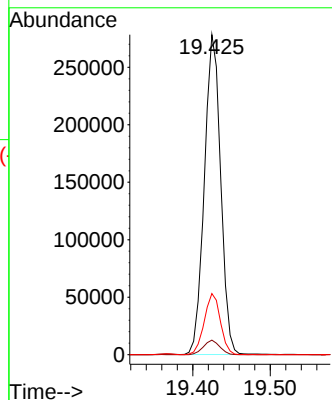
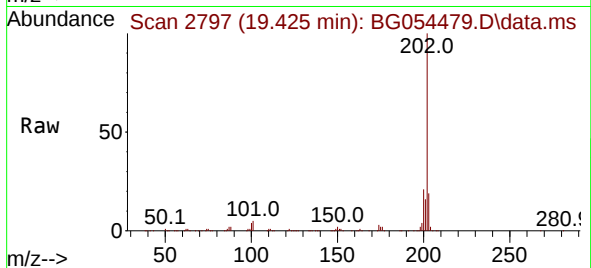




#75
Fluoranthene
Concen: 41.611 ng
RT: 19.425 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

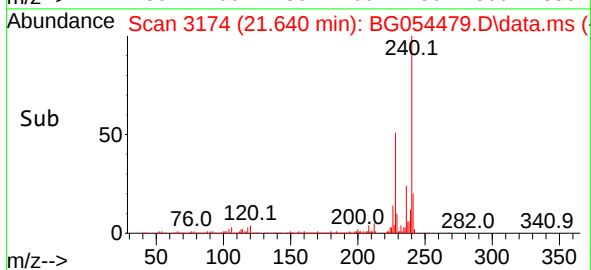
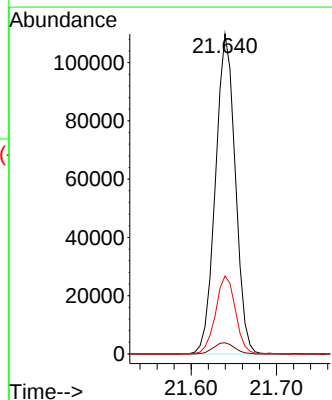
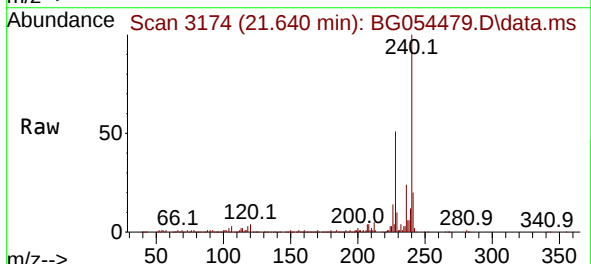
Instrument :
BNA_G
ClientSampleId :
PB146540BS

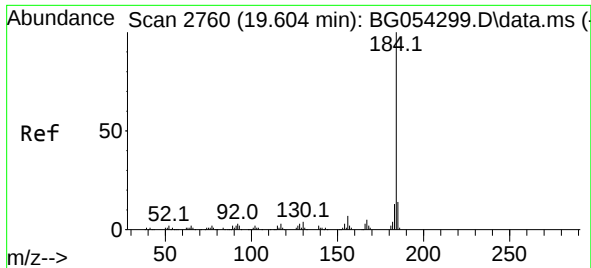
Tgt Ion:202 Resp: 405866
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.9
203 19.1 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.640 min Scan# 3174
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:240 Resp: 177669
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 24.3 20.2 30.4

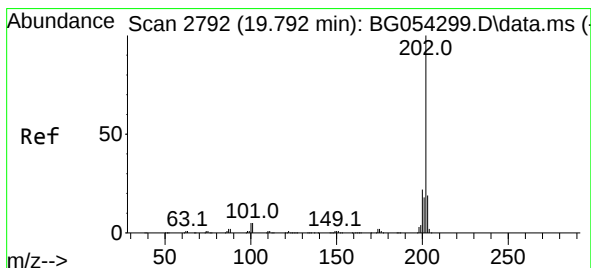
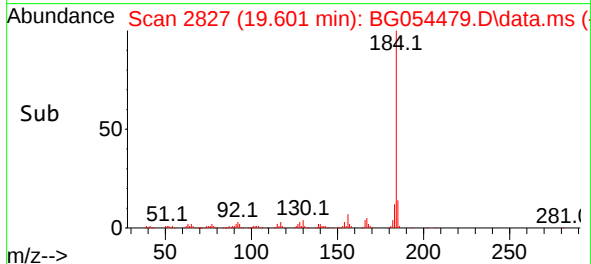
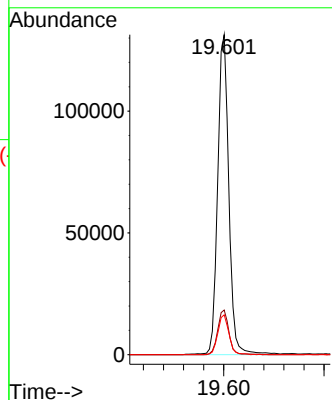
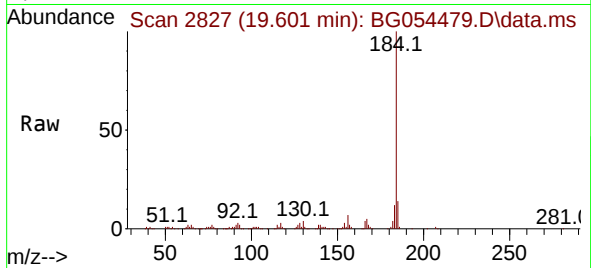




#77
Benzidine
Concen: 62.860 ng
RT: 19.601 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

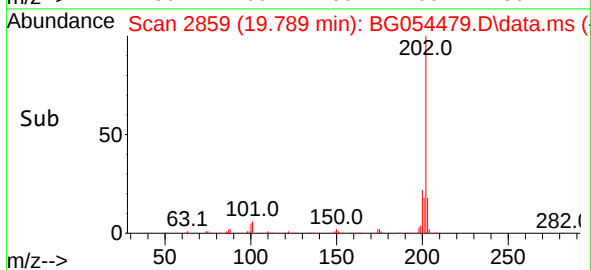
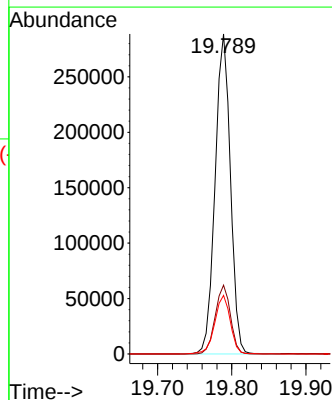
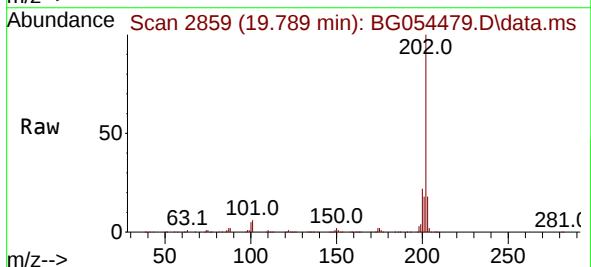
Instrument :
BNA_G
ClientSampleId :
PB146540BS

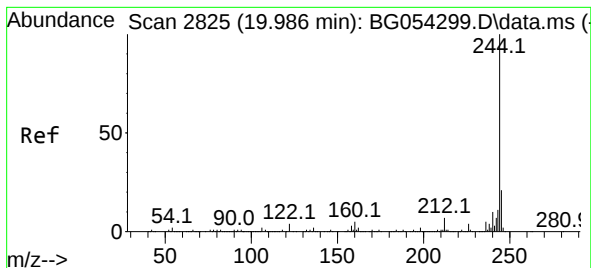
Tgt Ion:184 Resp: 202266
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 12.4 8.9 13.3



#78
Pyrene
Concen: 40.503 ng
RT: 19.789 min Scan# 2859
Delta R.T. 0.003 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:202 Resp: 412909
Ion Ratio Lower Upper
202 100
200 21.5 16.6 24.8
203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 82.508 ng

RT: 19.977 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB146540BS

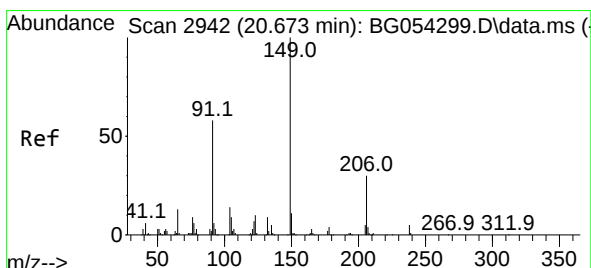
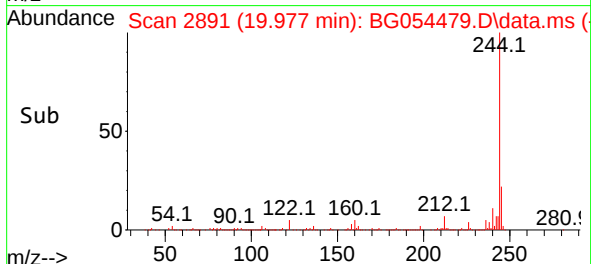
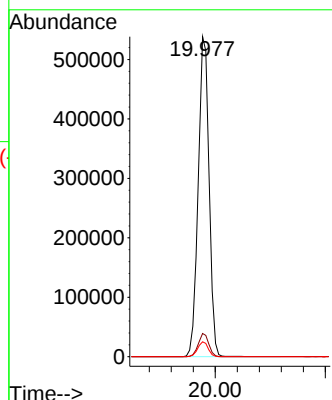
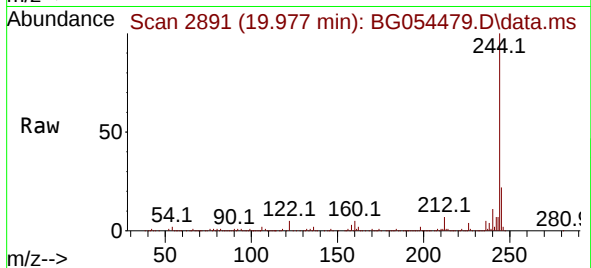
Tgt Ion:244 Resp: 738940

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 4.7 5.0 7.4#



#80

Butylbenzylphthalate

Concen: 42.356 ng

RT: 20.664 min Scan# 3008

Delta R.T. 0.003 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

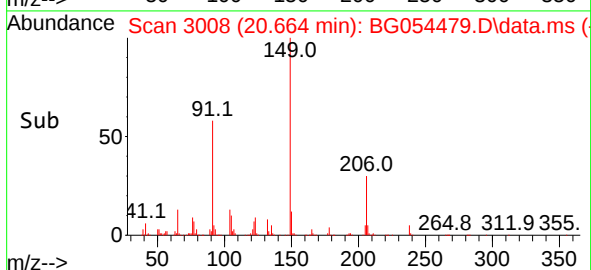
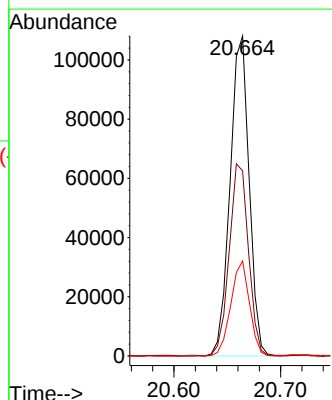
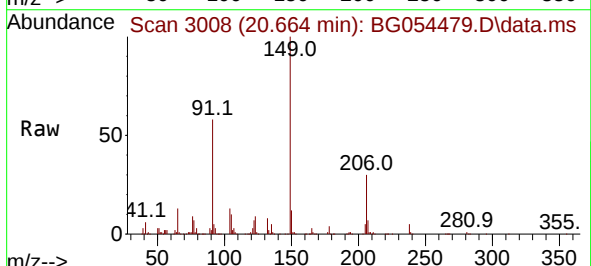
Tgt Ion:149 Resp: 134561

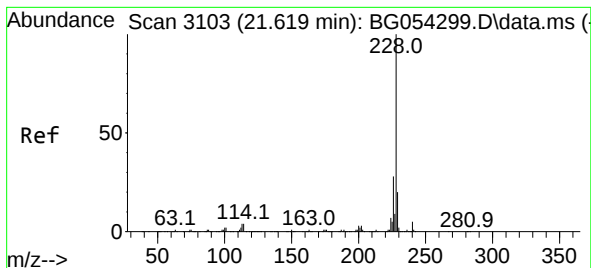
Ion Ratio Lower Upper

149 100

91 57.9 59.6 89.4#

206 29.7 18.6 28.0#





#81

Benzo(a)anthracene

Concen: 39.673 ng

RT: 21.622 min Scan# 3103

Delta R.T. 0.008 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB146540BS

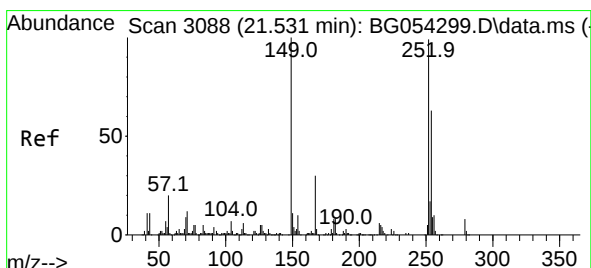
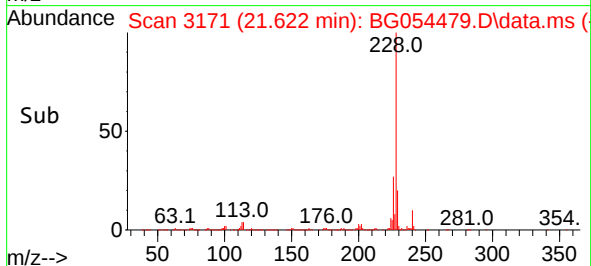
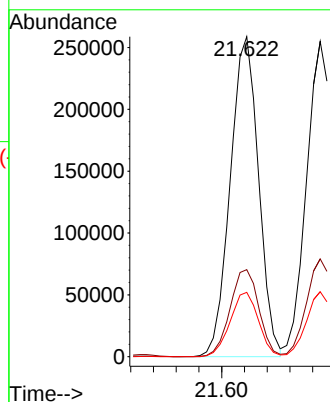
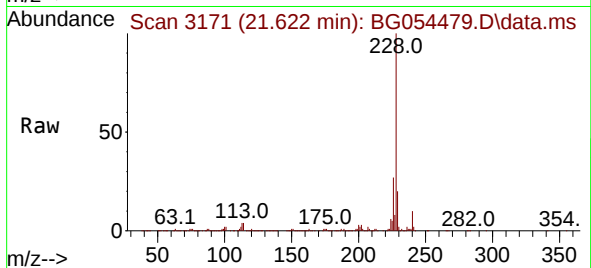
Tgt Ion:228 Resp: 447448

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

229 20.1 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 40.483 ng

RT: 21.528 min Scan# 3155

Delta R.T. 0.003 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

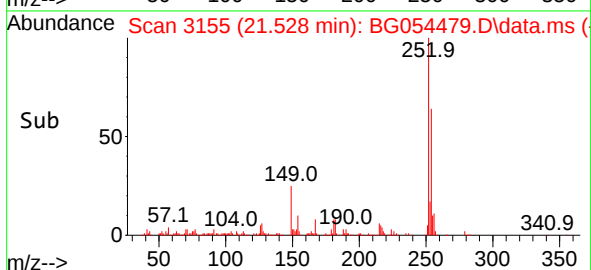
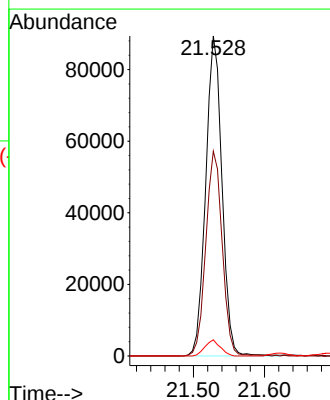
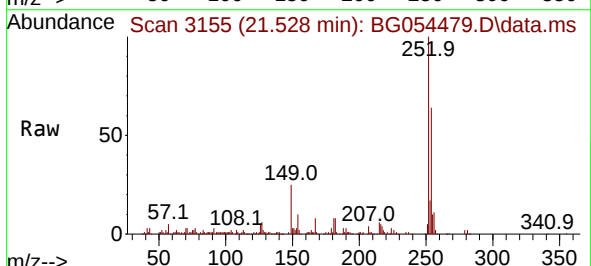
Tgt Ion:252 Resp: 141996

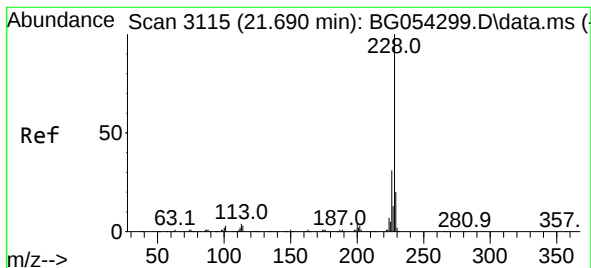
Ion Ratio Lower Upper

252 100

254 64.0 49.8 74.8

126 5.1 6.0 9.0#





#83

Chrysene

Concen: 39.013 ng

RT: 21.687 min Scan# 3115

Delta R.T. 0.003 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB146540BS

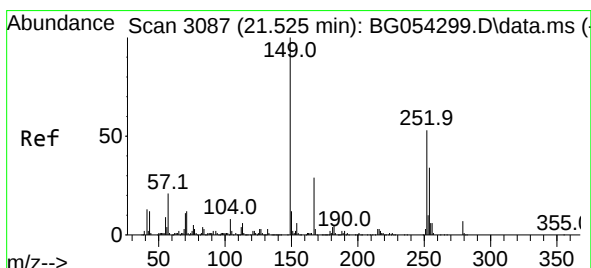
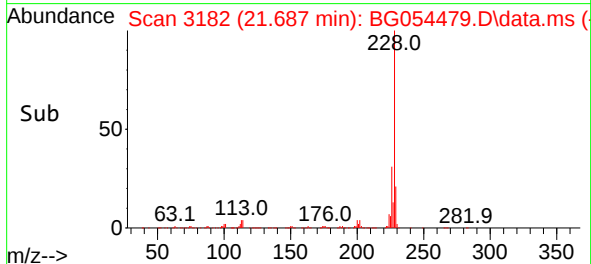
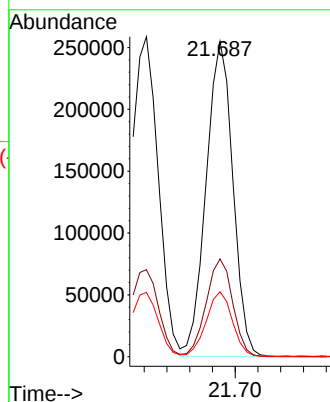
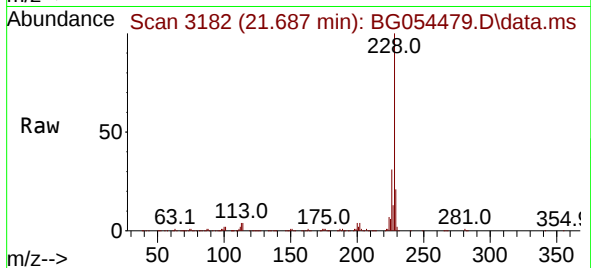
Tgt Ion:228 Resp: 415702

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.2

229 20.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.826 ng

RT: 21.510 min Scan# 3152

Delta R.T. -0.003 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

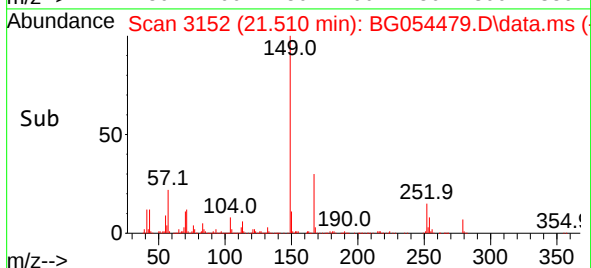
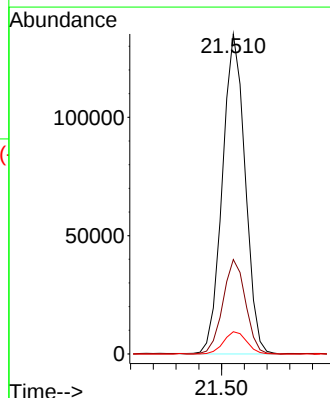
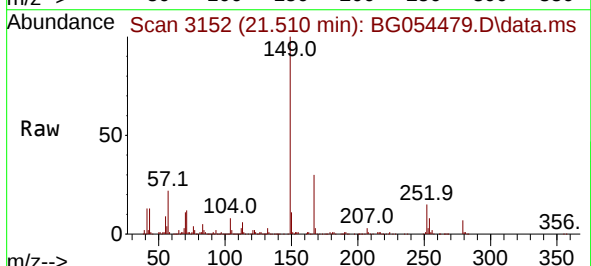
Tgt Ion:149 Resp: 188022

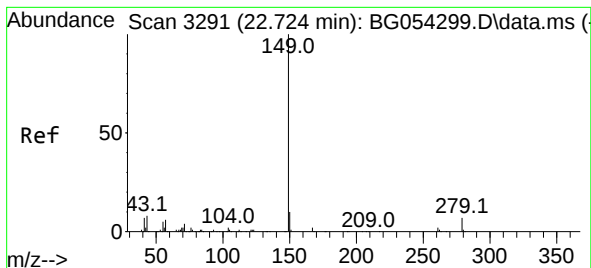
Ion Ratio Lower Upper

149 100

167 29.5 20.2 30.4

279 6.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 41.068 ng

RT: 22.703 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB146540BS

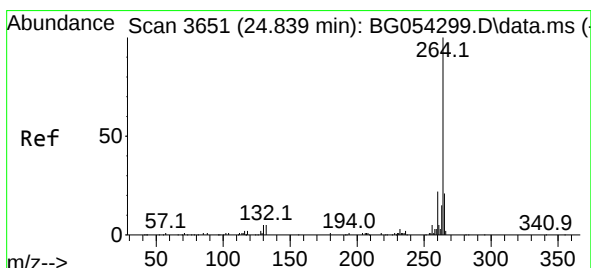
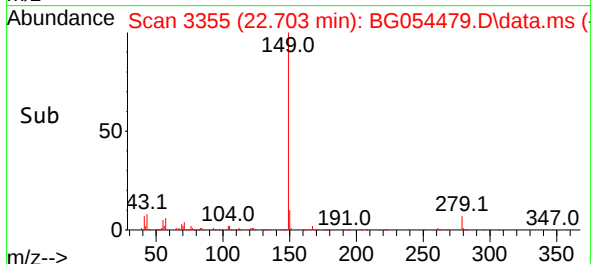
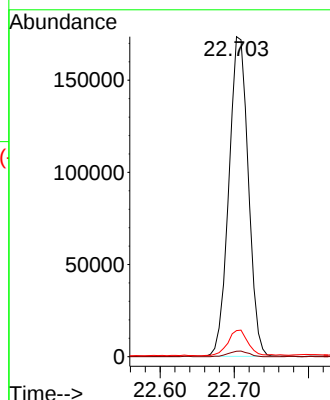
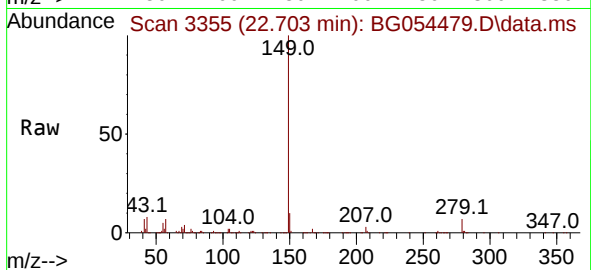
Tgt Ion:149 Resp: 314953

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 8.4 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.848 min Scan# 3720

Delta R.T. 0.014 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

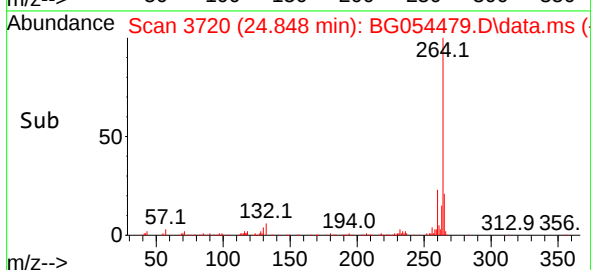
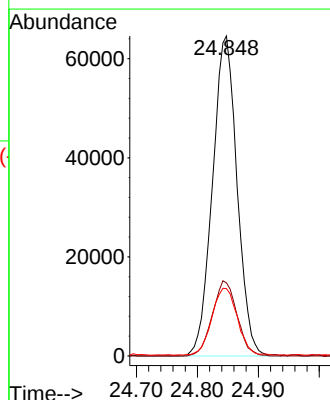
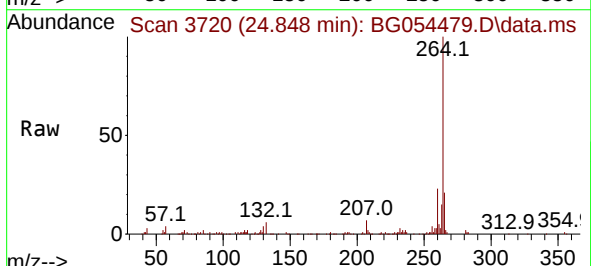
Tgt Ion:264 Resp: 180800

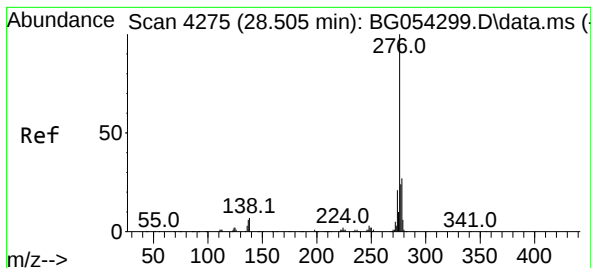
Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 21.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.831 ng

RT: 28.537 min Scan# 41

Delta R.T. 0.020 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB146540BS

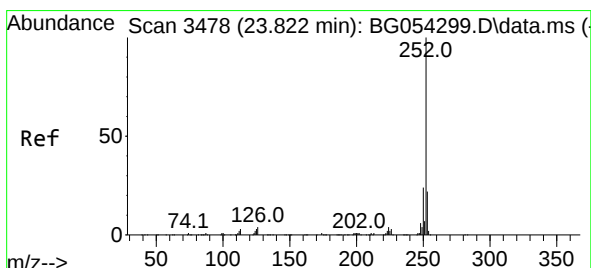
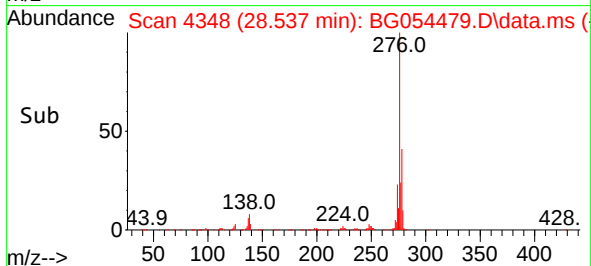
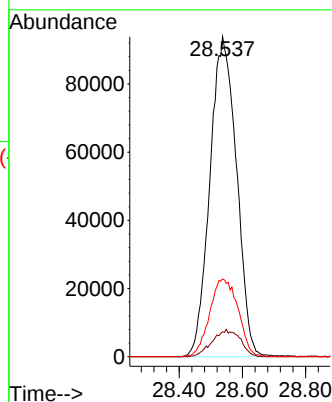
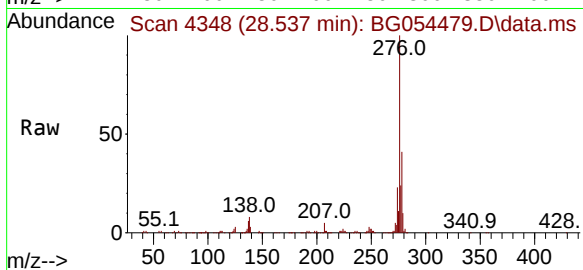
Tgt Ion:276 Resp: 547840

Ion Ratio Lower Upper

276 100

138 8.9 5.0 7.4#

277 26.0 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 43.868 ng

RT: 23.825 min Scan# 3546

Delta R.T. 0.003 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

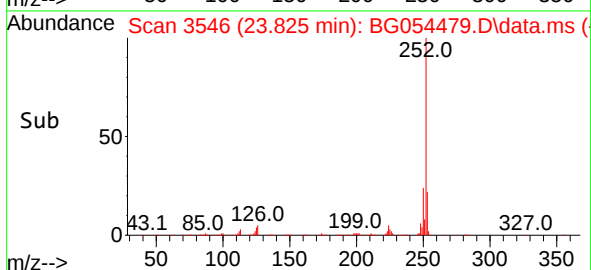
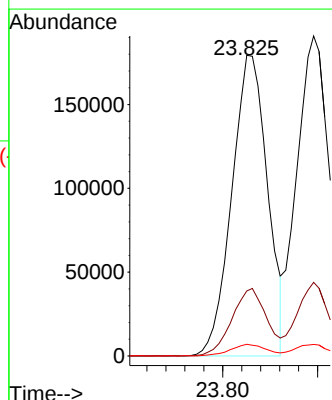
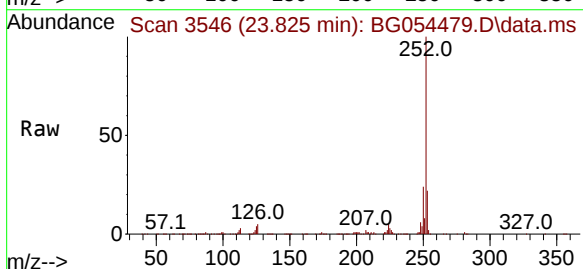
Tgt Ion:252 Resp: 469053

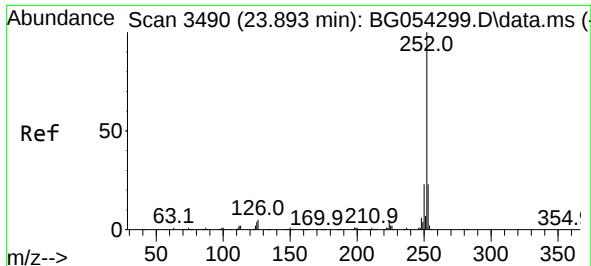
Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 3.9 4.6 6.8#

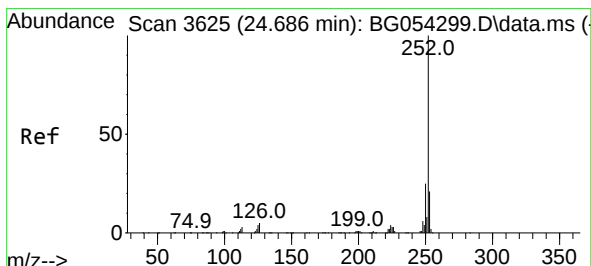
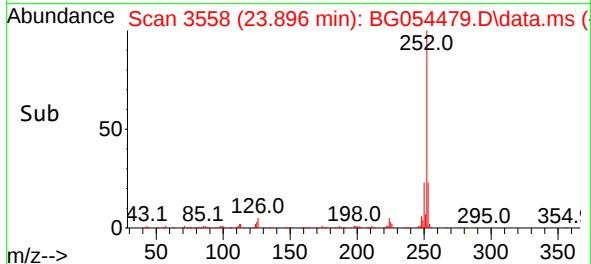
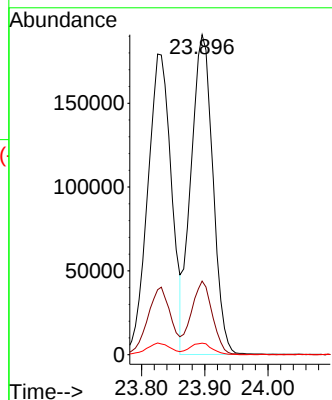
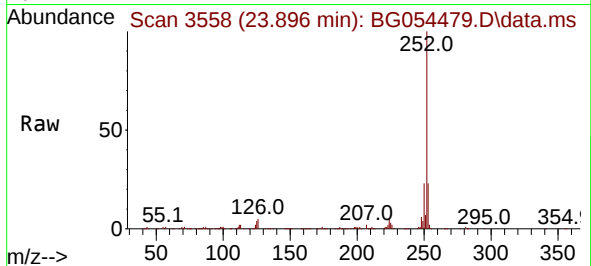




#89
Benzo(k)fluoranthene
Concen: 43.136 ng
RT: 23.896 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

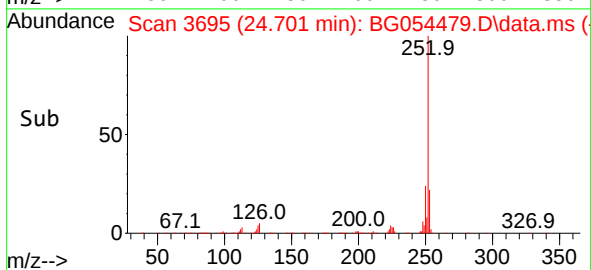
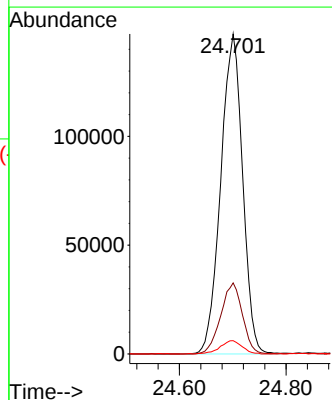
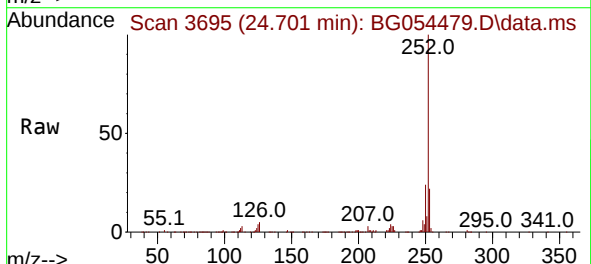
Instrument :
BNA_G
ClientSampleId :
PB146540BS

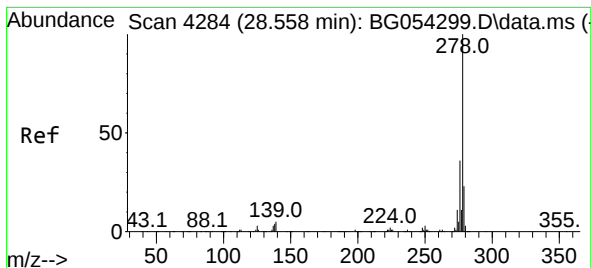
Tgt Ion:252 Resp: 459022
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 3.6 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 45.815 ng
RT: 24.701 min Scan# 3695
Delta R.T. 0.014 min
Lab File: BG054479.D
Acq: 2 Aug 2022 11:57

Tgt Ion:252 Resp: 418352
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 4.1 4.3 6.5#





#91

Dibenzo(a,h)anthracene

Concen: 42.532 ng

RT: 28.584 min Scan# 41

Delta R.T. 0.020 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB146540BS

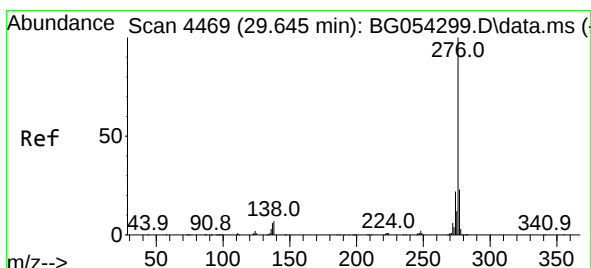
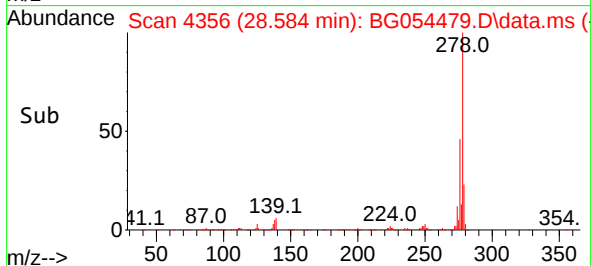
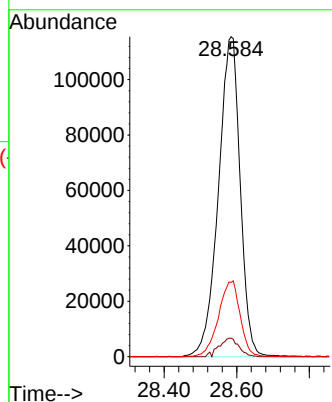
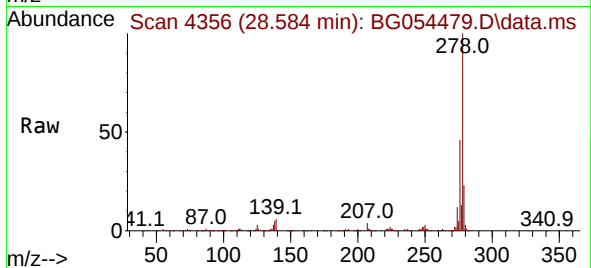
Tgt Ion:278 Resp: 481031

Ion Ratio Lower Upper

278 100

139 5.8 7.2 10.8#

279 23.2 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 42.271 ng

RT: 29.689 min Scan# 4544

Delta R.T. 0.026 min

Lab File: BG054479.D

Acq: 2 Aug 2022 11:57

Tgt Ion:276 Resp: 471857

Ion Ratio Lower Upper

276 100

277 23.6 17.3 25.9

138 7.2 9.6 14.4#

