

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
 Data File : BG053421.D
 Acq On : 3 May 2022 17:31
 Operator : CG/JU
 Sample : N2641-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-21MSD

Quant Time: May 04 06:07:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 06:03:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	18537	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	74772	20.000	ng	0.00
39) Acenaphthene-d10	14.726	164	61394	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	164973	20.000	ng	0.00
76) Chrysene-d12	21.758	240	166118	20.000	ng	0.00
86) Perylene-d12	25.047	264	175856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	170751	157.900	ng	0.00
7) Phenol-d6	7.265	99	233457	139.995	ng	0.00
23) Nitrobenzene-d5	9.263	82	198107	107.578	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	172218	176.317	ng	0.00
45) 2-Fluorobiphenyl	13.345	172	460021	103.320	ng	0.00
79) Terphenyl-d14	20.072	244	1041864	105.925	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.553	88	25596	49.564	ng	# 1
3) Pyridine	3.958	79	57528	42.236	ng	# 84
4) n-Nitrosodimethylamine	3.858	42	38894	57.664	ng	84
6) Aniline	7.418	93	77004	39.844	ng	96
8) 2-Chlorophenol	7.671	128	72361	61.982	ng	98
9) Benzaldehyde	7.230	77	47259	47.410	ng	93
10) Phenol	7.289	94	85231	51.346	ng	90
11) bis(2-Chloroethyl)ether	7.512	93	72180	60.322	ng	92
12) 1,3-Dichlorobenzene	7.988	146	76773	56.592	ng	97
13) 1,4-Dichlorobenzene	8.135	146	77604	56.112	ng	97
14) 1,2-Dichlorobenzene	8.458	146	76425	57.304	ng	98
15) Benzyl Alcohol	8.335	79	88720	59.854	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.628	45	116563	58.348	ng	98
17) 2-Methylphenol	8.546	107	66793	59.462	ng	93
18) Hexachloroethane	9.186	117	28758	55.450	ng	95
19) n-Nitroso-di-n-propyla...	8.904	70	71304	58.404	ng	# 96
20) 3+4-Methylphenols	8.875	107	91219	57.526	ng	88
22) Acetophenone	8.922	105	121669	58.653	ng	# 97
24) Nitrobenzene	9.304	77	106908	59.685	ng	90
25) Isophorone	9.827	82	199259	63.660	ng	99
26) 2-Nitrophenol	10.021	139	43716	58.366	ng	# 87
27) 2,4-Dimethylphenol	10.079	122	76528	71.341	ng	93
28) bis(2-Chloroethoxy)met...	10.303	93	103581	58.904	ng	# 98
29) 2,4-Dichlorophenol	10.561	162	85278	63.237	ng	97
30) 1,2,4-Trichlorobenzene	10.772	180	84486	55.354	ng	99
31) Naphthalene	10.966	128	234480	58.778	ng	100
32) Benzoic acid	10.226	122	26101	38.189	ng	90
33) 4-Chloroaniline	11.072	127	33734	19.747	ng	# 92
34) Hexachlorobutadiene	11.248	225	61592	54.325	ng	98
35) Caprolactam	11.842	113	15848	33.340	ng	# 86
36) 4-Chloro-3-methylphenol	12.188	107	102522	65.302	ng	93
37) 2-Methylnaphthalene	12.558	142	174677	59.176	ng	95
38) 1-Methylnaphthalene	12.781	142	167798	58.236	ng	95
40) 1,2,4,5-Tetrachloroben...	12.928	216	112233	53.824	ng	98
41) Hexachlorocyclopentadiene	12.911	237	103486	96.141	ng	94
43) 2,4,6-Trichlorophenol	13.163	196	82296	57.244	ng	96

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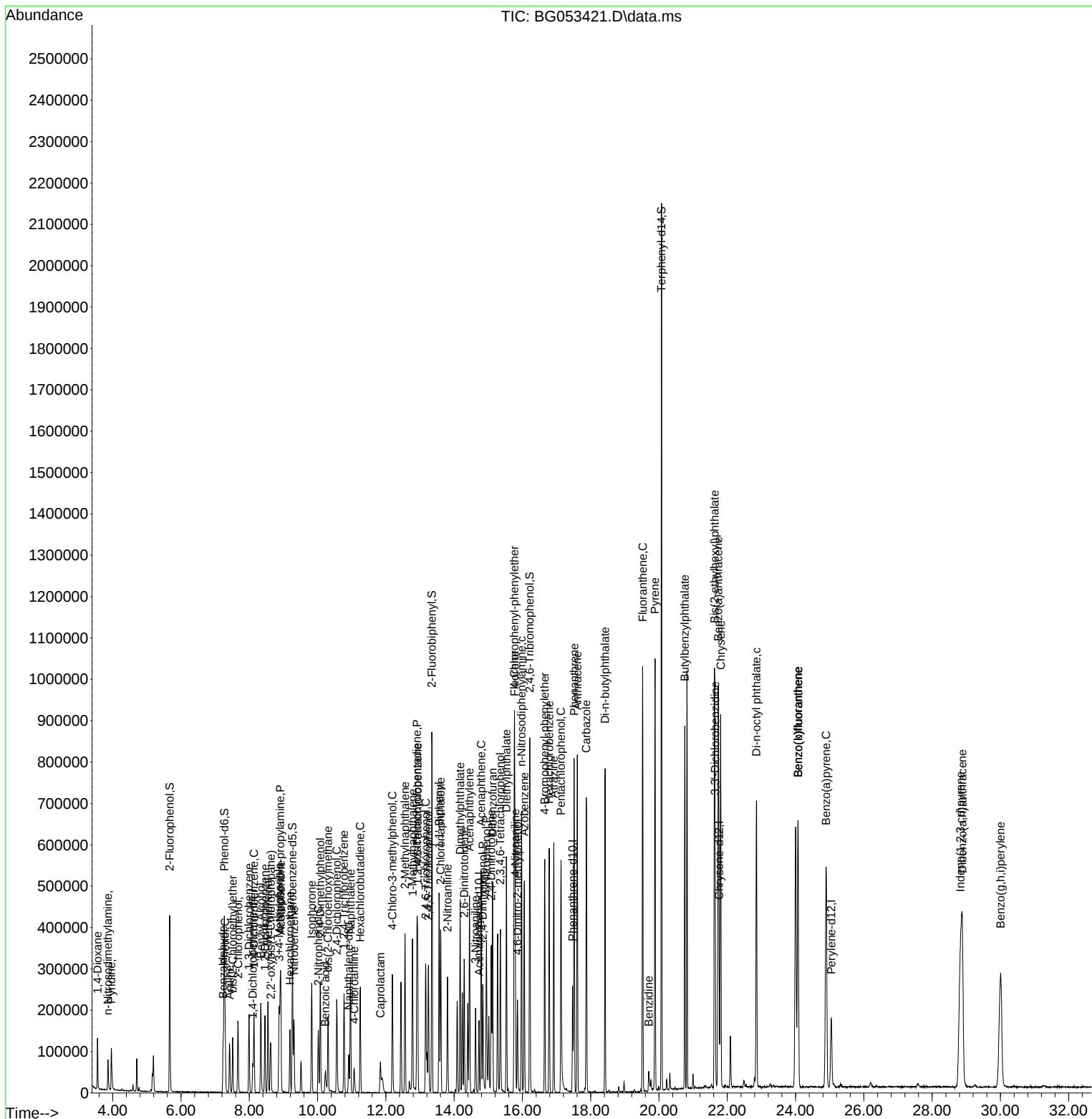
Instrument :
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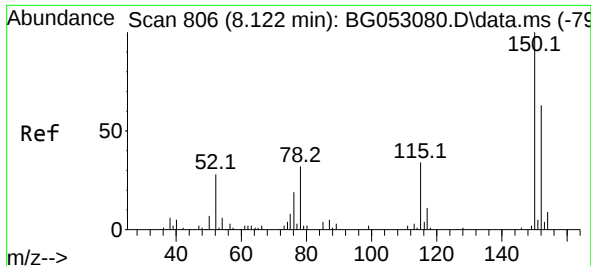
Quant Time: May 04 06:07:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 06:03:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	88606	57.837	ng	97
46) 1,1'-Biphenyl	13.557	154	250686	56.701	ng	98
47) 2-Chloronaphthalene	13.604	162	196123	55.601	ng	97
48) 2-Nitroaniline	13.804	65	85826	64.115	ng	92
49) Acenaphthylene	14.450	152	346694	62.788	ng	98
50) Dimethylphthalate	14.174	163	292055	59.475	ng	99
51) 2,6-Dinitrotoluene	14.297	165	65870	64.299	ng	# 85
52) Acenaphthene	14.791	154	197534	52.753	ng	95
53) 3-Nitroaniline	14.626	138	48350	44.635	ng	# 86
54) 2,4-Dinitrophenol	14.838	184	62444	95.799	ng	# 82
55) Dibenzofuran	15.125	168	341273	58.205	ng	97
56) 4-Nitrophenol	14.943	139	93727	113.450	ng	# 78
57) 2,4-Dinitrotoluene	15.084	165	97871	67.105	ng	91
58) Fluorene	15.772	166	293405	61.957	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.354	232	92604	62.244	ng	99
60) Diethylphthalate	15.531	149	317227	61.657	ng	99
61) 4-Chlorophenyl-phenyle...	15.760	204	157896	58.818	ng	95
62) 4-Nitroaniline	15.789	138	71037	62.147	ng	# 80
63) Azobenzene	16.054	77	309740	59.711	ng	98
65) 4,6-Dinitro-2-methylph...	15.854	198	55746	48.434	ng	94
66) n-Nitrosodiphenylamine	15.971	169	264092	55.668	ng	97
67) 4-Bromophenyl-phenylether	16.653	248	114674	54.248	ng	98
68) Hexachlorobenzene	16.782	284	130407	56.965	ng	92
69) Atrazine	16.917	200	118496	63.944	ng	99
70) Pentachlorophenol	17.129	266	130273	104.125	ng	92
71) Phenanthrene	17.516	178	531929	59.030	ng	99
72) Anthracene	17.604	178	530952	59.475	ng	99
73) Carbazole	17.869	167	483062	55.666	ng	99
74) Di-n-butylphthalate	18.421	149	568038	57.716	ng	100
75) Fluoranthene	19.519	202	673483	58.306	ng	99
77) Benzidine	19.696	184	60464	12.757	ng	98
78) Pyrene	19.884	202	681948	57.641	ng	98
80) Butylbenzylphthalate	20.753	149	255371	57.897	ng	98
81) Benzo(a)anthracene	21.734	228	672239	59.187	ng	98
82) 3,3'-Dichlorobenzidine	21.640	252	186837	44.729	ng	99
83) Chrysene	21.805	228	610784	57.944	ng	99
84) Bis(2-ethylhexyl)phtha...	21.622	149	361637	60.656	ng	99
85) Di-n-octyl phthalate	22.850	149	620315	62.210	ng	97
87) Indeno(1,2,3-cd)pyrene	28.830	276	765886	58.621	ng	# 97
88) Benzo(b)fluoranthene	24.072	252	650196	58.600	ng	98
89) Benzo(k)fluoranthene	24.072	252	650196	59.625	ng	98
90) Benzo(a)pyrene	24.889	252	671130	71.001	ng	97
91) Dibenzo(a,h)anthracene	28.883	278	657456	61.140	ng	97
92) Benzo(g,h,i)perylene	30.005	276	657570	62.042	ng	97

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

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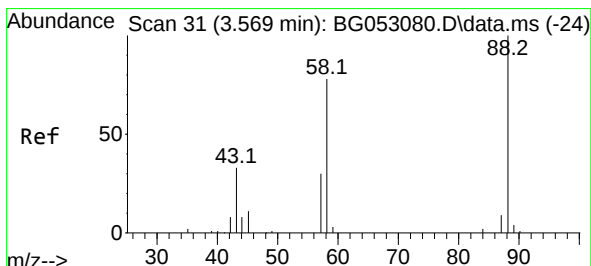
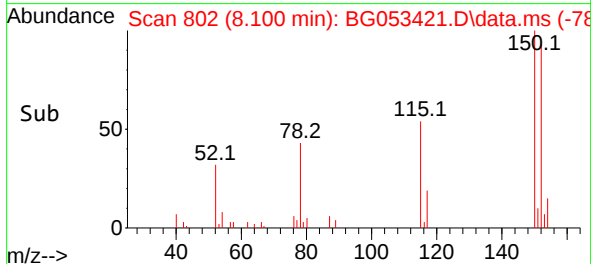
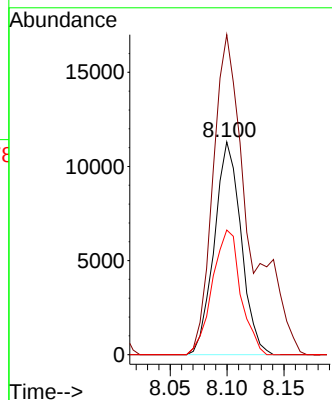
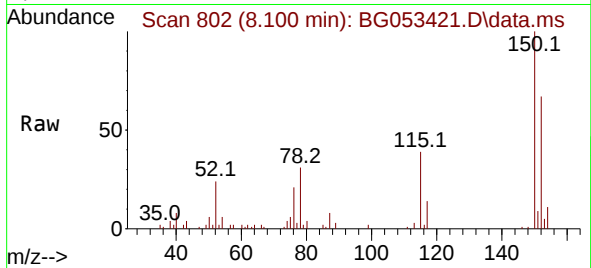




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.100 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

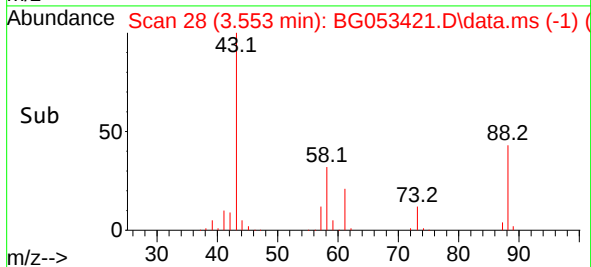
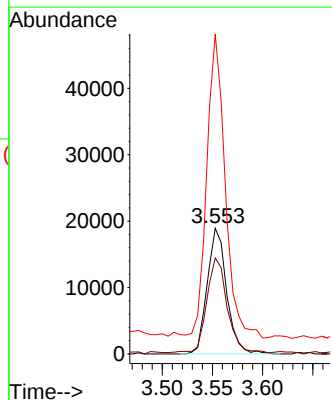
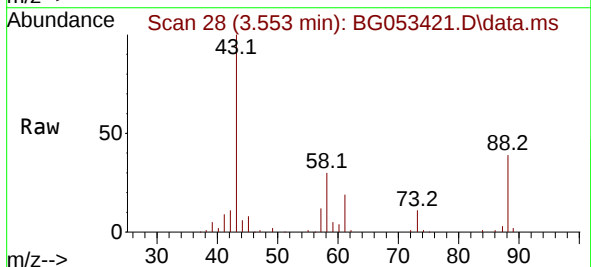
Instrument :
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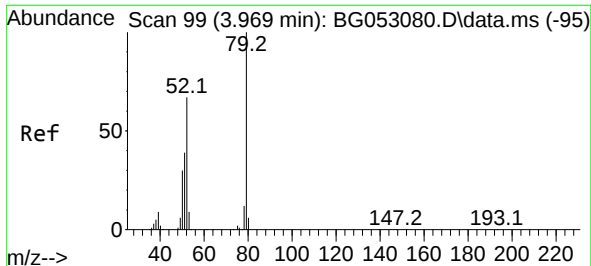
Tgt Ion:152 Resp: 18537
Ion Ratio Lower Upper
152 100
150 150.3 114.6 172.0
115 58.6 45.9 68.9



#2
1,4-Dioxane
Concen: 49.564 ng
RT: 3.553 min Scan# 28
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion: 88 Resp: 25596
Ion Ratio Lower Upper
88 100
58 79.6 58.2 87.2
43 228.0 23.4 35.0#

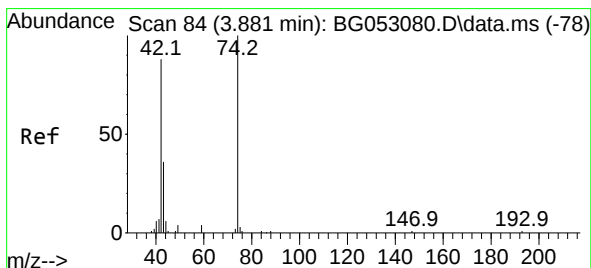
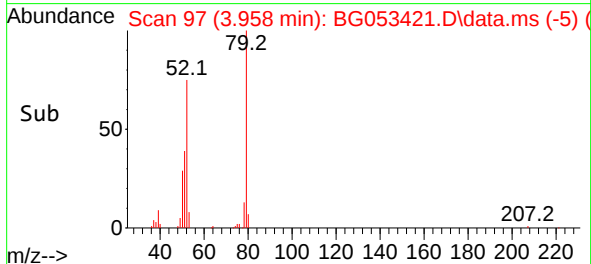
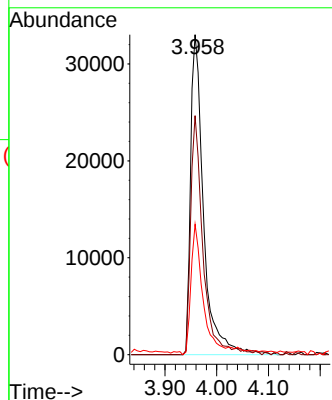
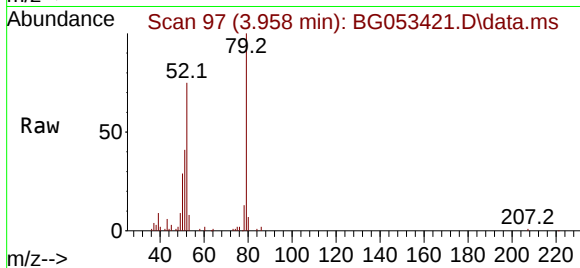




#3
Pyridine
Concen: 42.236 ng
RT: 3.958 min Scan# 91
Delta R.T. 0.010 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

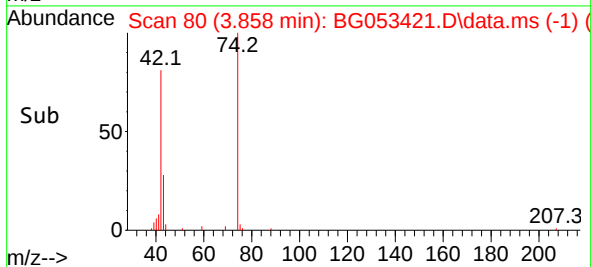
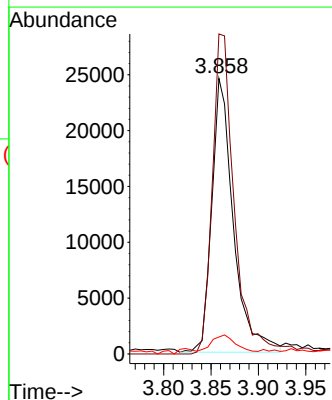
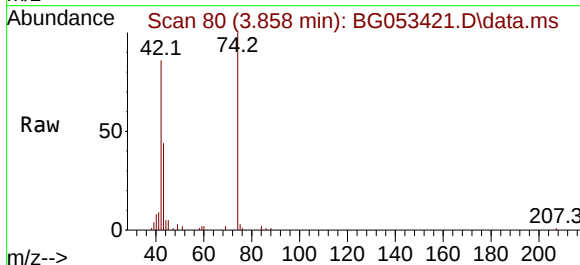
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ClientSampleId :
TP-21MSD

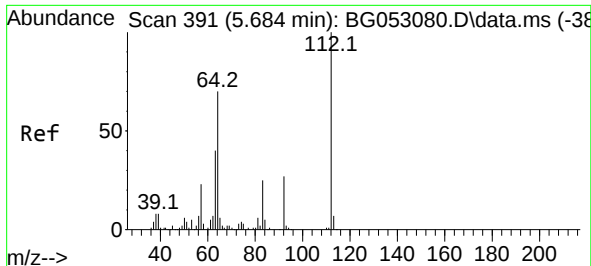
Tgt Ion: 79 Resp: 57528
Ion Ratio Lower Upper
79 100
52 74.7 50.9 76.3
51 40.8 24.4 36.6#



#4
n-Nitrosodimethylamine
Concen: 57.664 ng
RT: 3.858 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion: 42 Resp: 38894
Ion Ratio Lower Upper
42 100
74 116.1 108.9 163.3
44 6.1 5.7 8.5

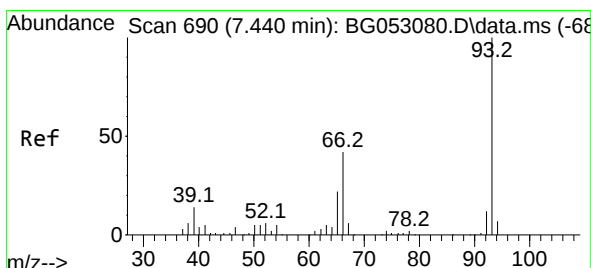
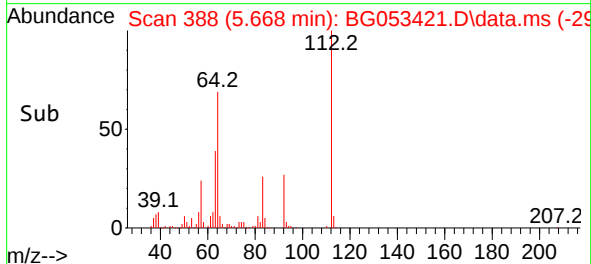
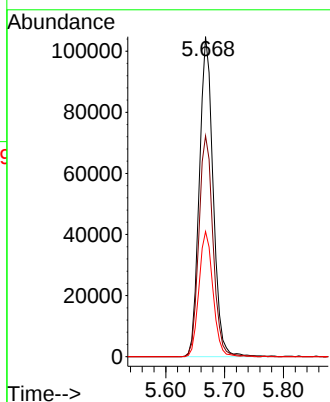
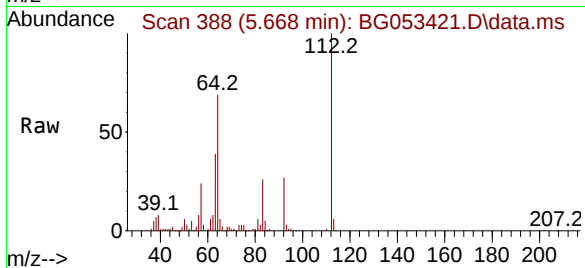




#5
2-Fluorophenol
Concen: 157.900 ng
RT: 5.668 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

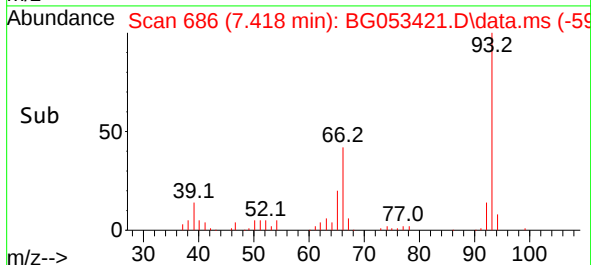
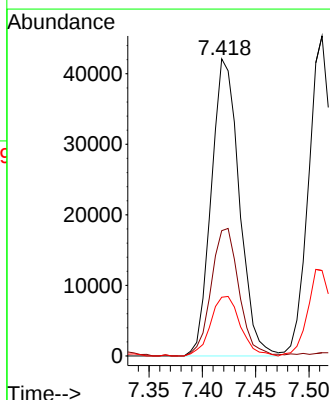
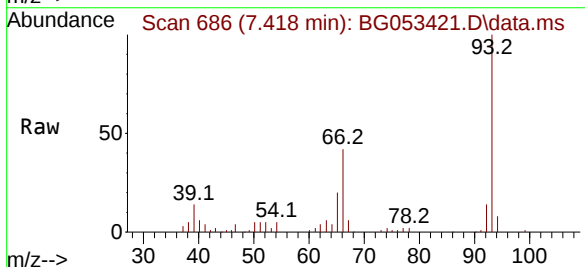
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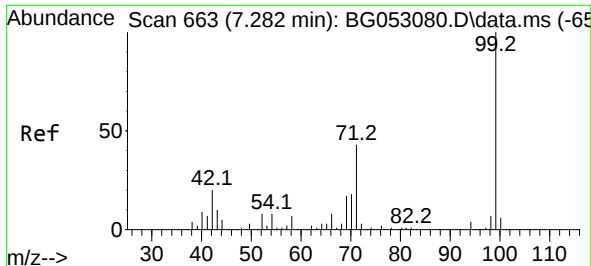
Tgt Ion:112 Resp: 170751
Ion Ratio Lower Upper
112 100
64 69.0 48.0 72.0
63 39.1 26.5 39.7



#6
Aniline
Concen: 39.844 ng
RT: 7.418 min Scan# 686
Delta R.T. -0.008 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion: 93 Resp: 77004
Ion Ratio Lower Upper
93 100
66 42.2 31.3 46.9
65 19.8 16.7 25.1

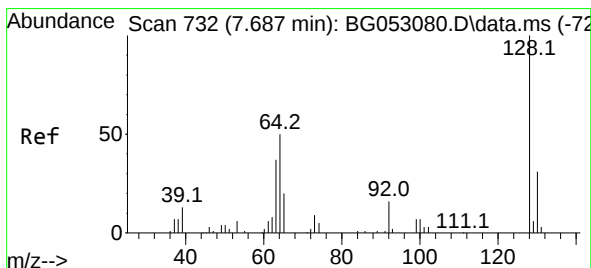
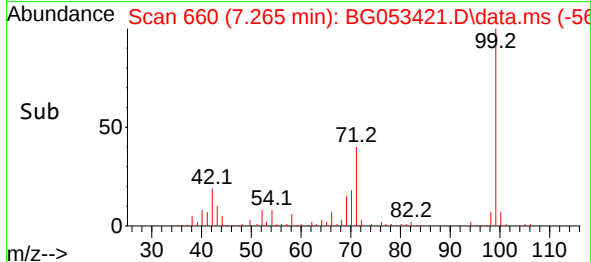
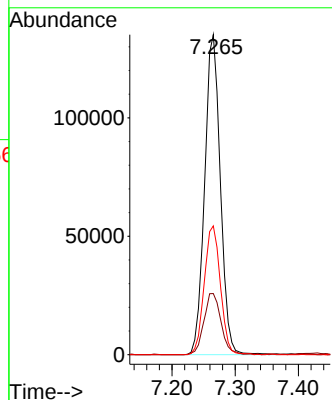
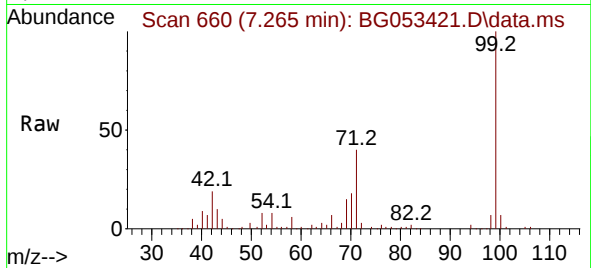




#7
Phenol-d6
Concen: 139.995 ng
RT: 7.265 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

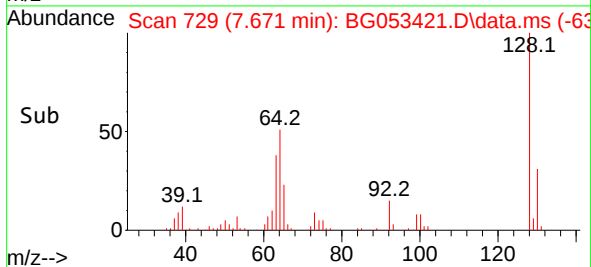
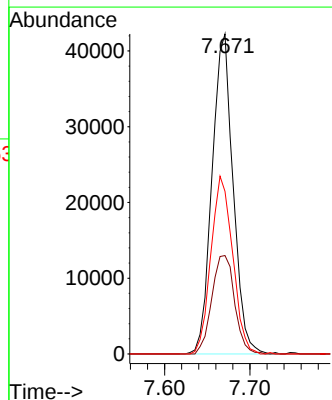
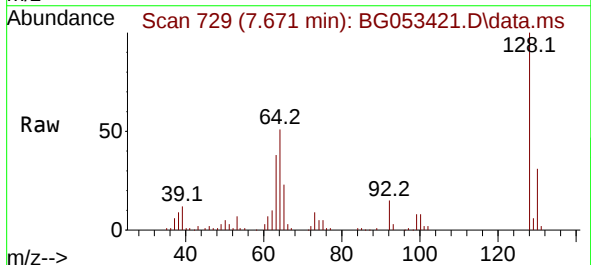
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Tgt Ion: 99 Resp: 233457
Ion Ratio Lower Upper
99 100
42 19.1 14.7 22.1
71 40.2 29.2 43.8



#8
2-Chlorophenol
Concen: 61.982 ng
RT: 7.671 min Scan# 729
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion: 128 Resp: 72361
Ion Ratio Lower Upper
128 100
130 30.7 13.4 53.4
64 50.8 30.9 70.9

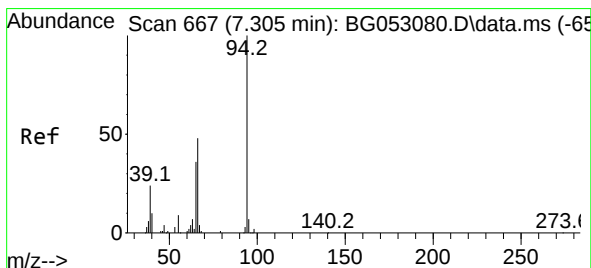
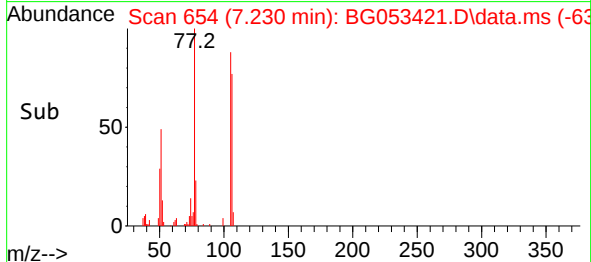
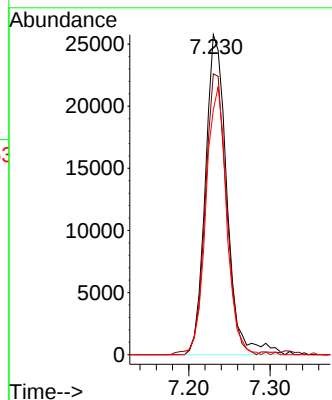
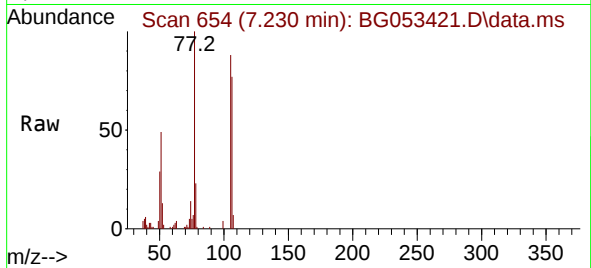




#9
Benzaldehyde
Concen: 47.410 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

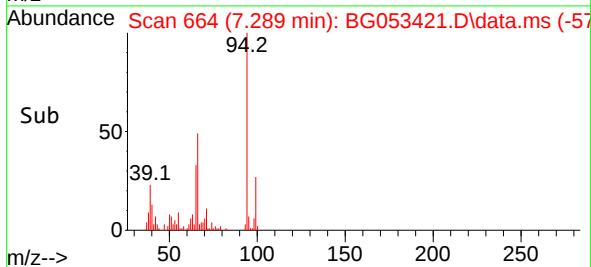
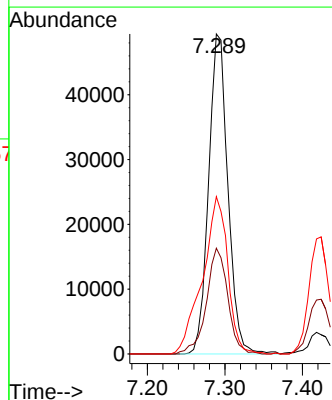
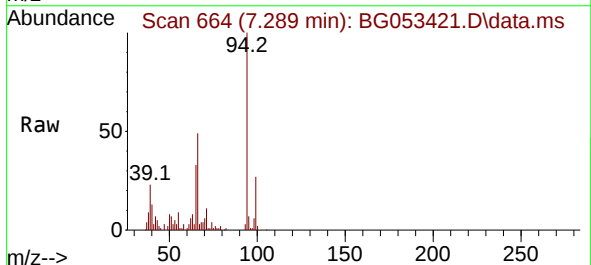
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BNA_G
ClientSampleId :
TP-21MSD

Tgt Ion: 77 Resp: 47259
Ion Ratio Lower Upper
77 100
105 87.8 70.6 110.6
106 76.5 67.6 107.6



#10
Phenol
Concen: 51.346 ng
RT: 7.289 min Scan# 664
Delta R.T. -0.002 min
Lab File: BG053421.D
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Tgt Ion: 94 Resp: 85231
Ion Ratio Lower Upper
94 100
65 33.0 11.1 51.1
66 49.2 20.0 60.0

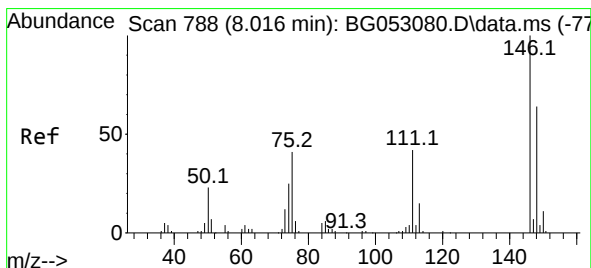
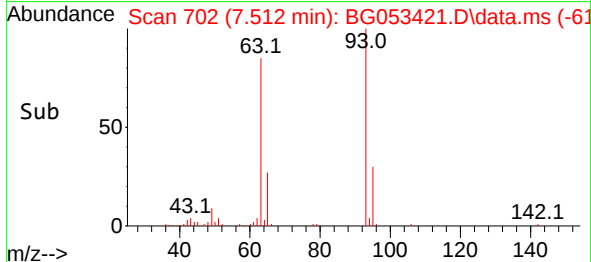
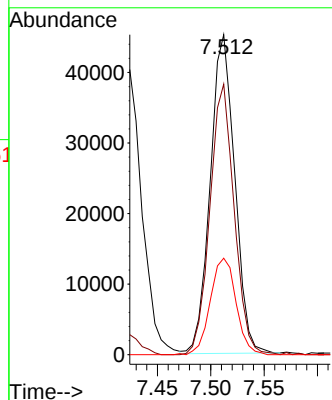
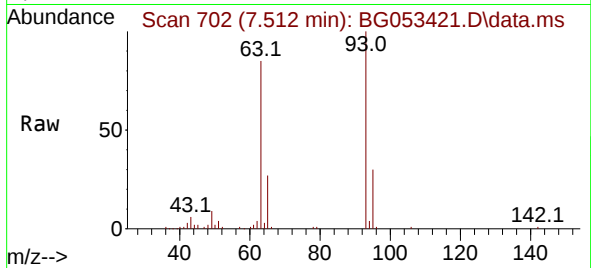




#11
bis(2-Chloroethyl)ether
Concen: 60.322 ng
RT: 7.512 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

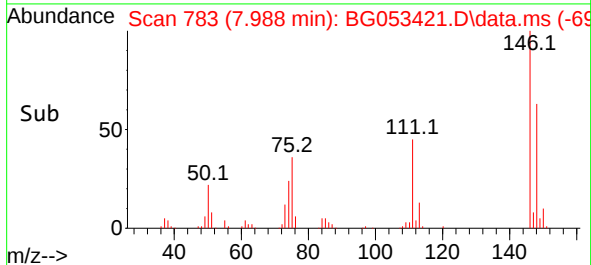
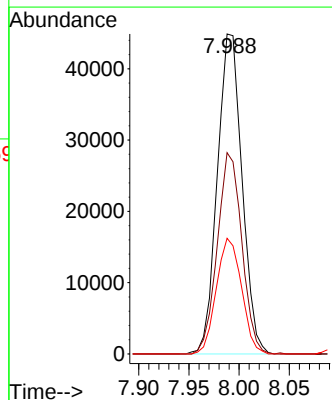
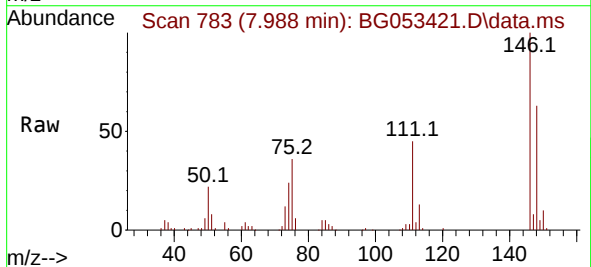
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

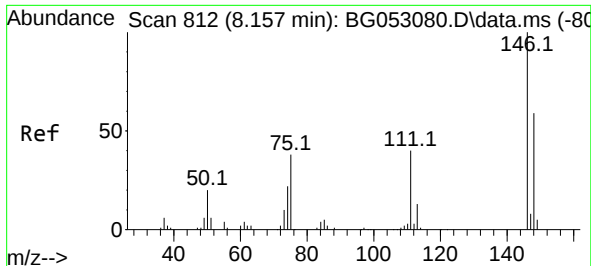
Tgt Ion: 93 Resp: 72180
Ion Ratio Lower Upper
93 100
63 84.6 56.9 96.9
95 30.1 14.5 54.5



#12
1,3-Dichlorobenzene
Concen: 56.592 ng
RT: 7.988 min Scan# 783
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:146 Resp: 76773
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
75 36.1 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 56.112 ng

RT: 8.135 min Scan# 80

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

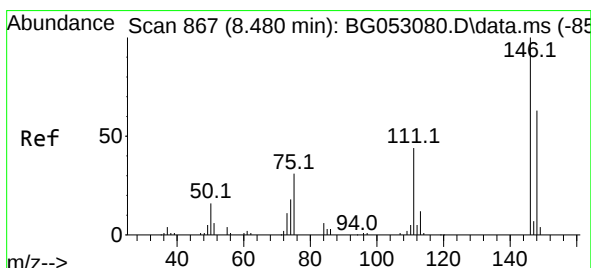
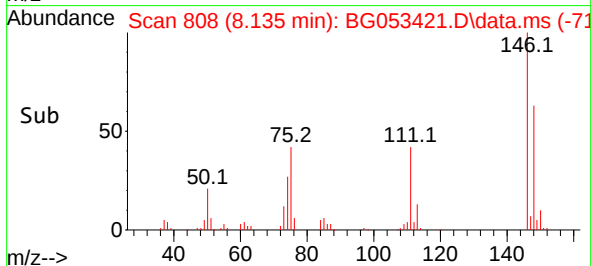
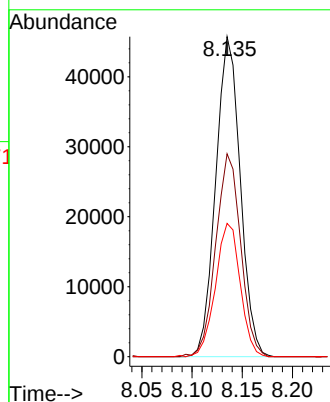
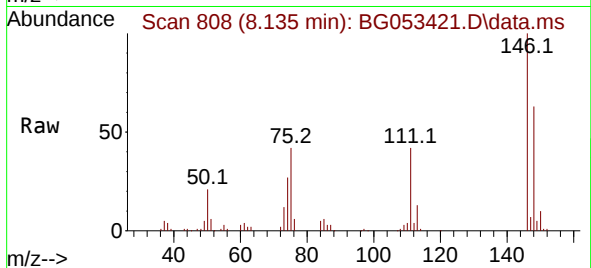
Tgt Ion:146 Resp: 77604

Ion Ratio Lower Upper

146 100

148 63.4 50.0 75.0

111 41.7 31.0 46.4



#14

1,2-Dichlorobenzene

Concen: 57.304 ng

RT: 8.458 min Scan# 863

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

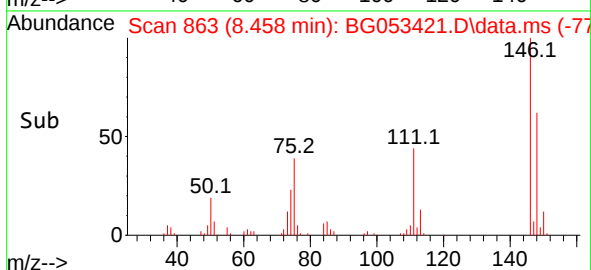
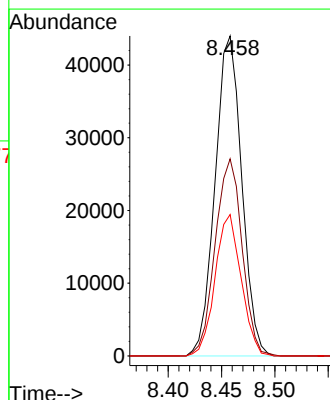
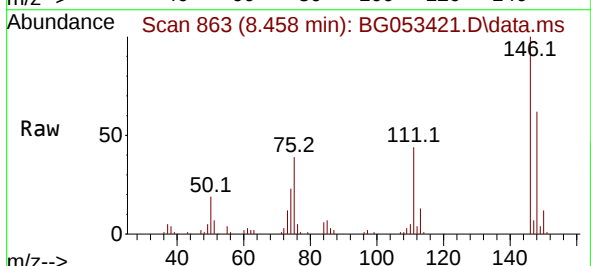
Tgt Ion:146 Resp: 76425

Ion Ratio Lower Upper

146 100

148 61.6 51.0 76.6

111 44.2 34.7 52.1

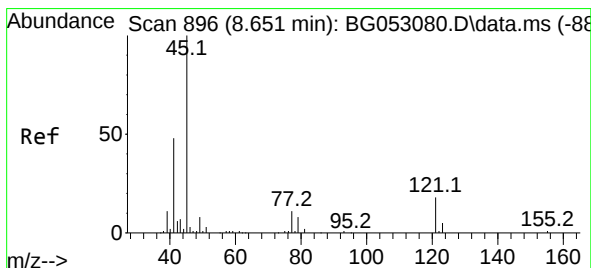
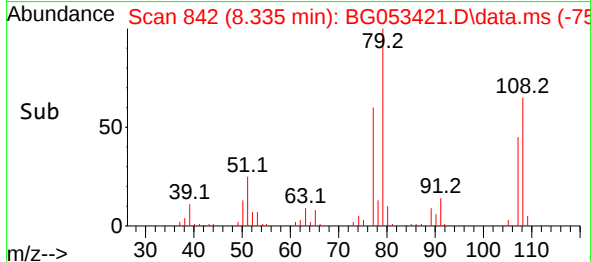
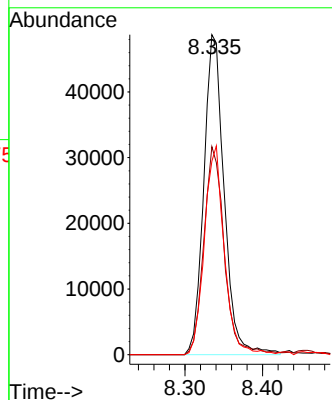
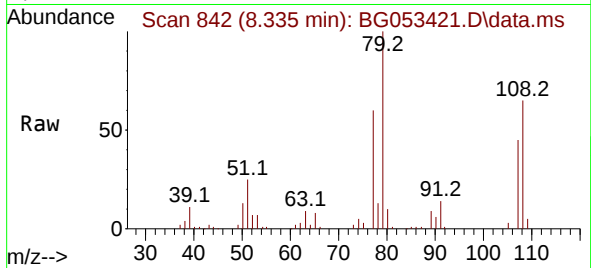




#15
Benzyl Alcohol
Concen: 59.854 ng
RT: 8.335 min Scan# 846
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

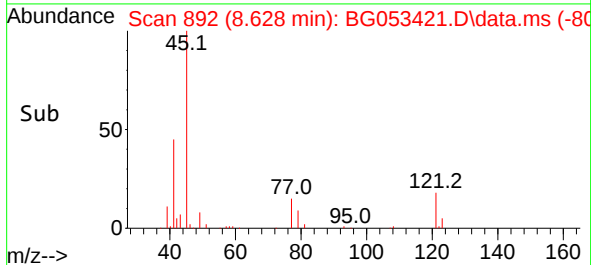
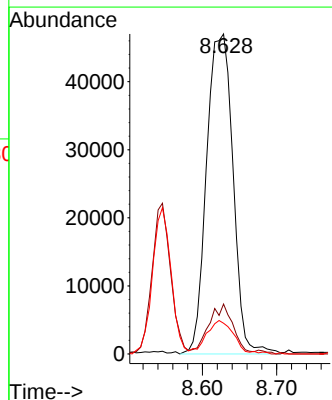
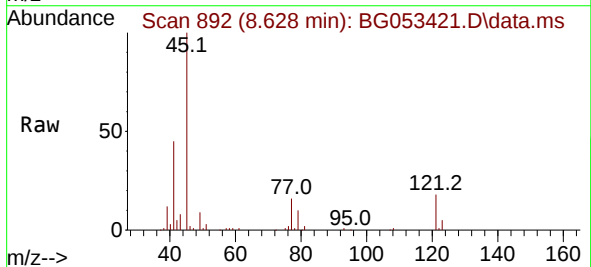
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

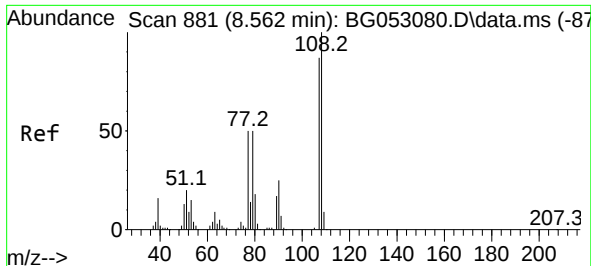
Tgt Ion: 79 Resp: 88720
Ion Ratio Lower Upper
79 100
108 65.0 55.1 82.7
77 60.4 52.4 78.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 58.348 ng
RT: 8.628 min Scan# 892
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion: 45 Resp: 116563
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.9
79 9.6 0.0 30.7

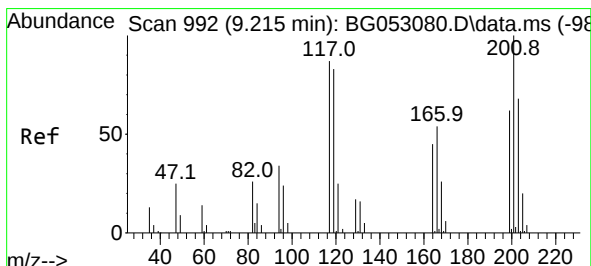
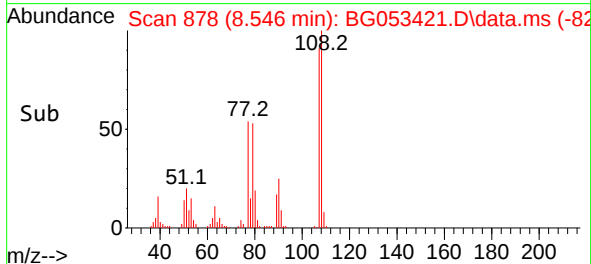
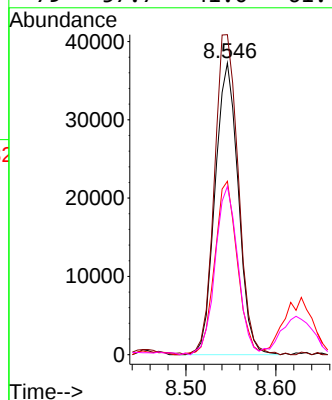
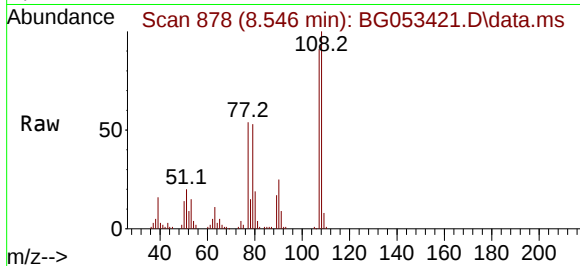




#17
2-Methylphenol
Concen: 59.462 ng
RT: 8.546 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

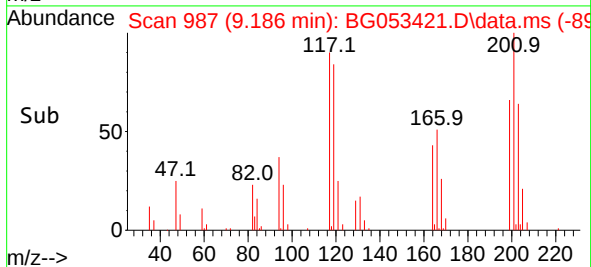
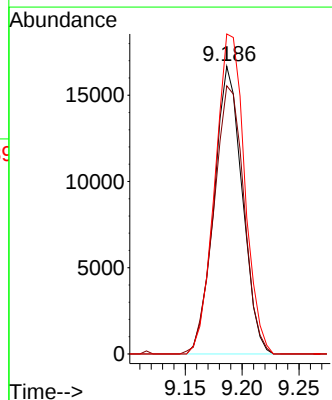
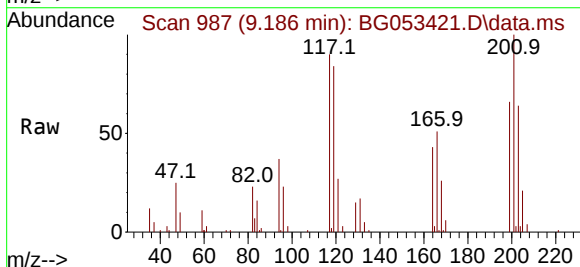
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

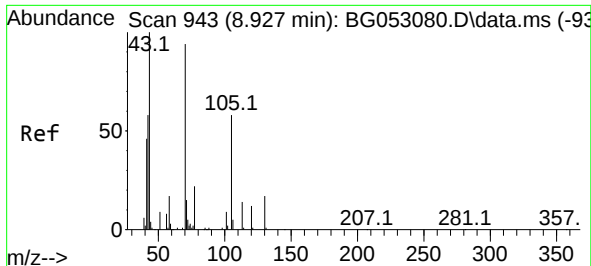
Tgt Ion:	107	Resp:	66793
Ion Ratio	Lower	Upper	
107	100		
108	109.7	91.5	137.3
77	59.5	42.5	63.7
79	57.7	41.0	61.4



#18
Hexachloroethane
Concen: 55.450 ng
RT: 9.186 min Scan# 987
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:	117	Resp:	28758
Ion Ratio	Lower	Upper	
117	100		
119	93.2	75.1	112.7
201	111.2	96.6	145.0

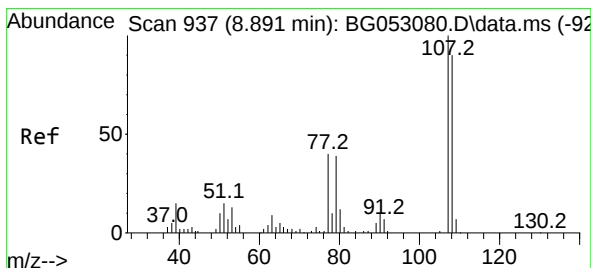
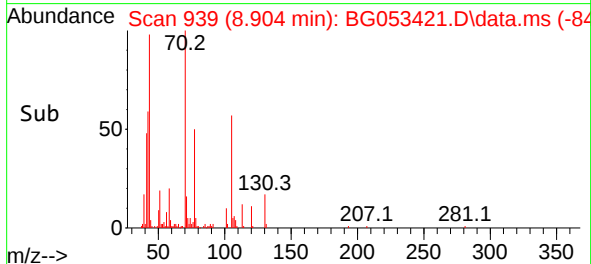
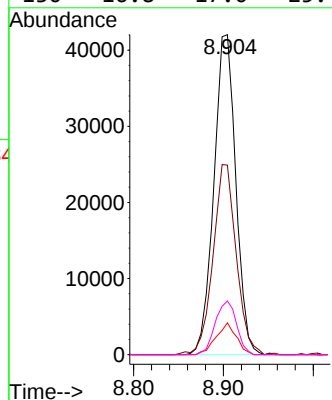
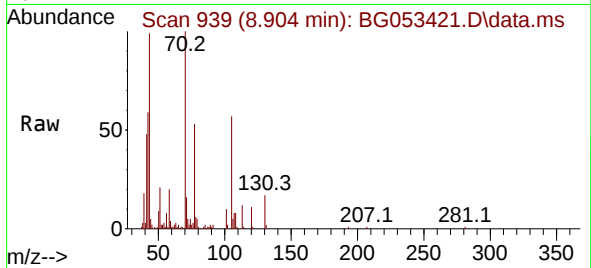




#19
n-Nitroso-di-n-propylamine
Concen: 58.404 ng
RT: 8.904 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

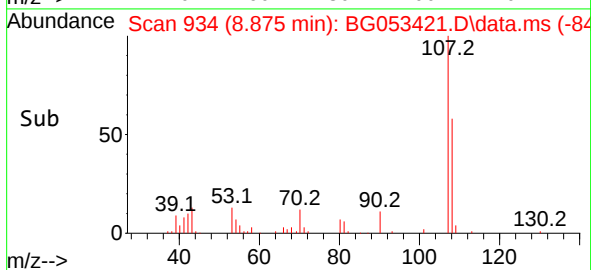
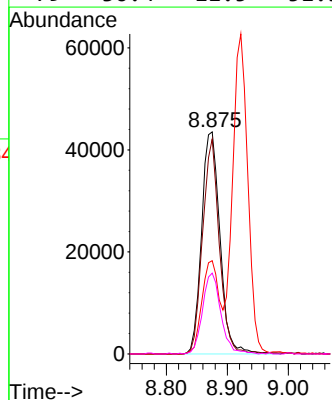
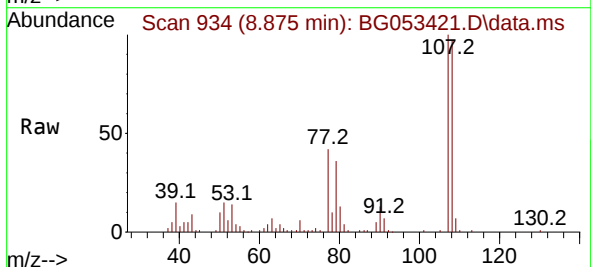
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

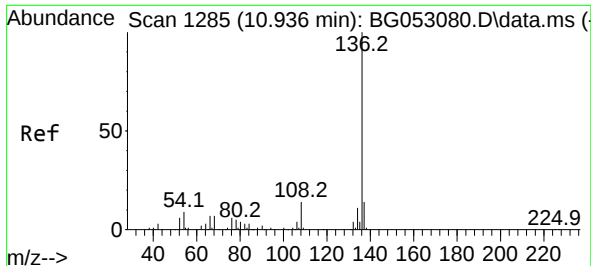
Tgt Ion: 70 Resp: 71304
Ion Ratio Lower Upper
70 100
42 59.3 46.0 69.0
101 9.9 6.2 9.4#
130 16.8 17.0 25.4#



#20
3+4-Methylphenols
Concen: 57.526 ng
RT: 8.875 min Scan# 934
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion: 107 Resp: 91219
Ion Ratio Lower Upper
107 100
108 96.8 64.8 104.8
77 42.0 15.9 55.9
79 36.4 11.5 51.5

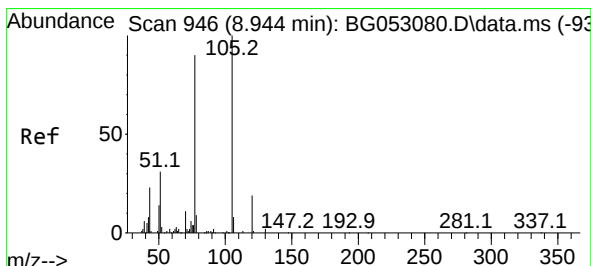
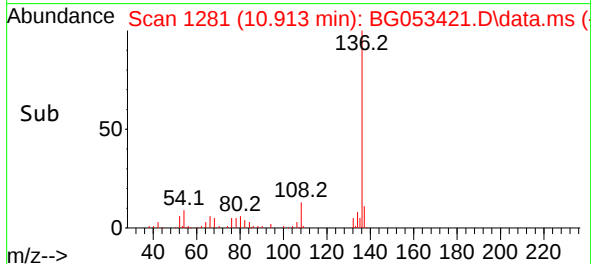
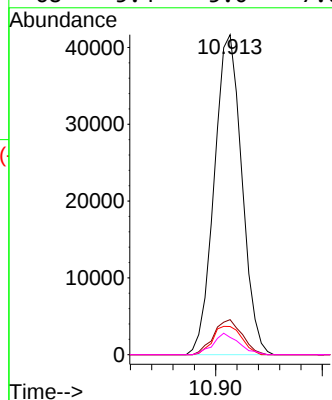
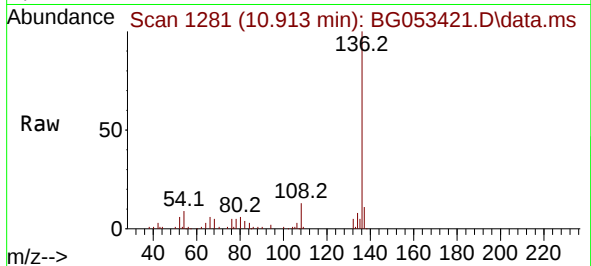




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

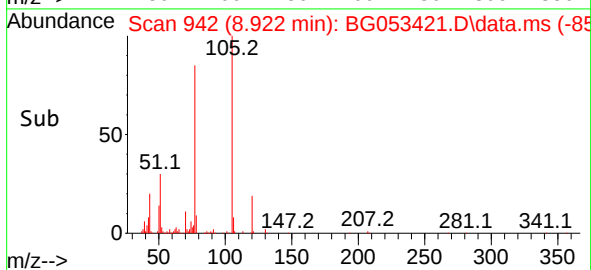
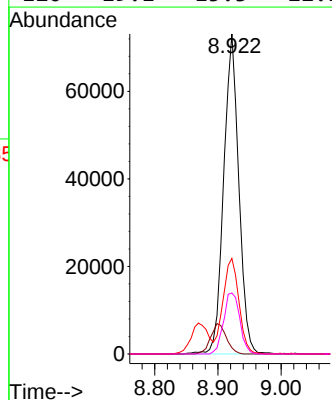
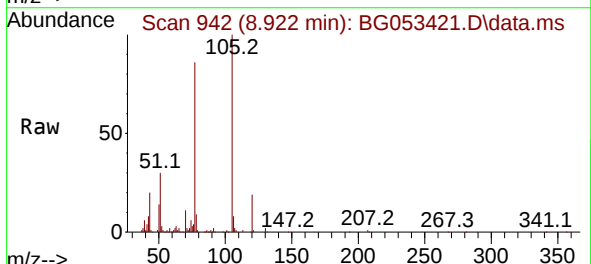
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

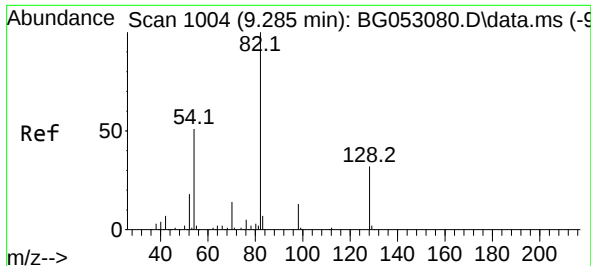
Tgt Ion:	136	Resp:	74772
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.4	14.2
54	8.8	6.4	9.6
68	5.4	5.0	7.6



#22
Acetophenone
Concen: 58.653 ng
RT: 8.922 min Scan# 942
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:	105	Resp:	121669
Ion Ratio	Lower	Upper	
105	100		
71	1.9	2.1	3.1#
51	29.8	21.9	32.9
120	19.1	15.3	22.9

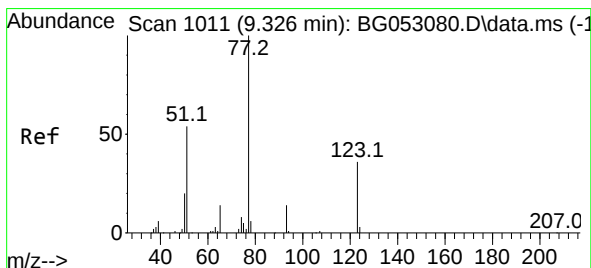
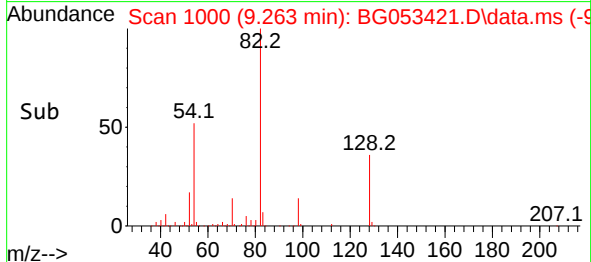
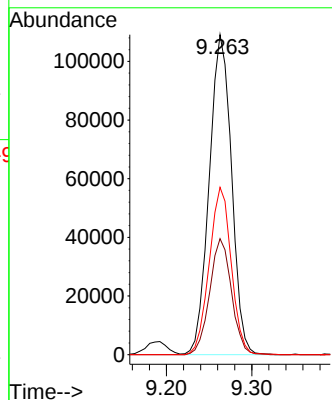
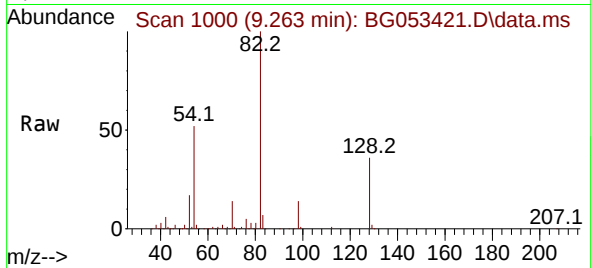




#23
Nitrobenzene-d5
Concen: 107.578 ng
RT: 9.263 min Scan# 1000
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

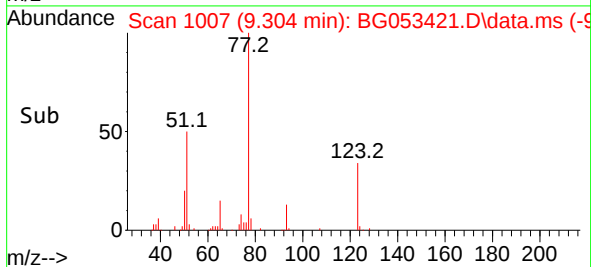
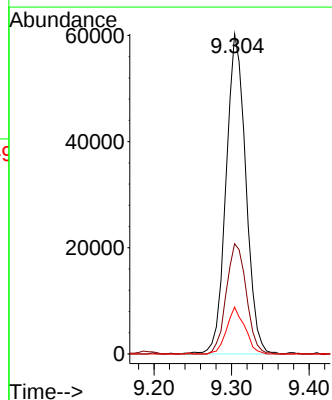
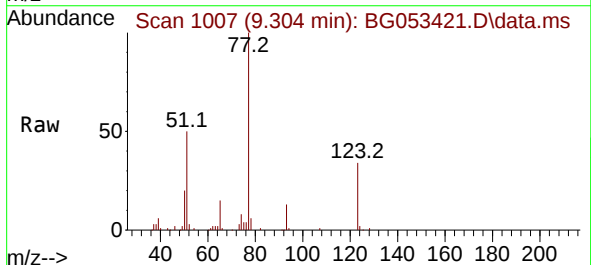
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

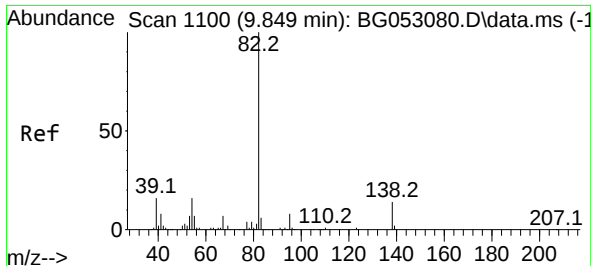
Tgt Ion: 82 Resp: 198107
Ion Ratio Lower Upper
82 100
128 36.2 31.3 46.9
54 52.3 37.8 56.8



#24
Nitrobenzene
Concen: 59.685 ng
RT: 9.304 min Scan# 1007
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion: 77 Resp: 106908
Ion Ratio Lower Upper
77 100
123 34.4 34.4 51.6
65 14.6 11.2 16.8

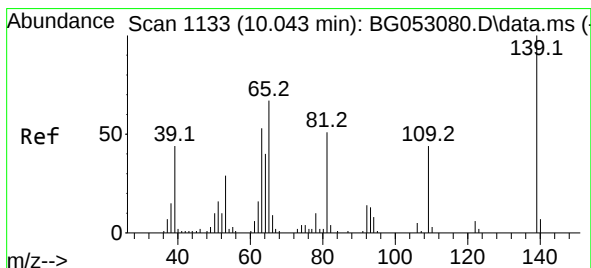
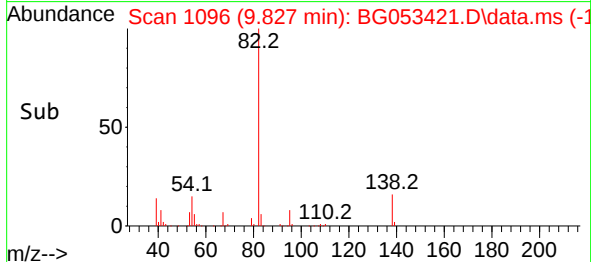
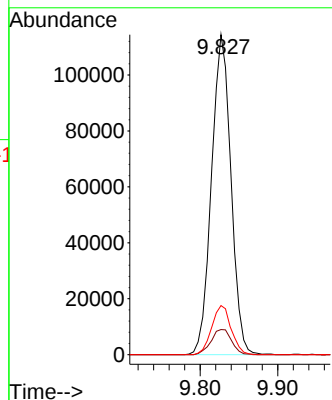
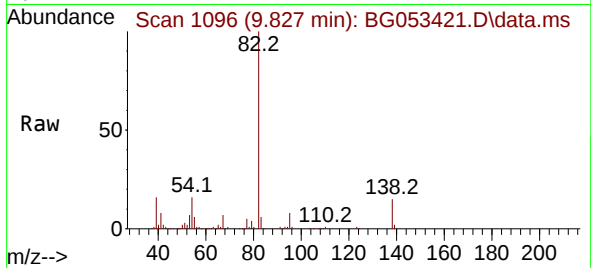




#25
Isophorone
Concen: 63.660 ng
RT: 9.827 min Scan# 1100
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

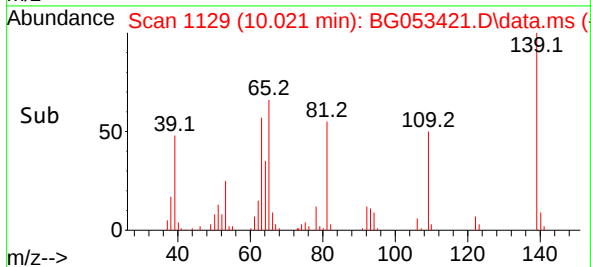
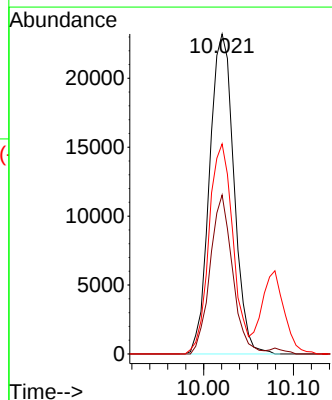
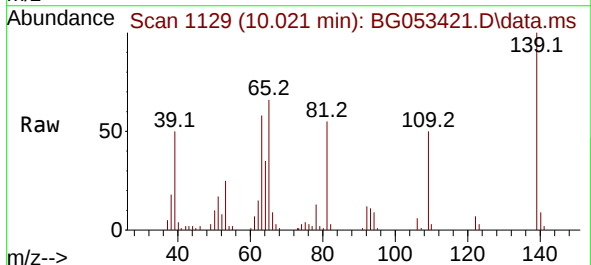
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

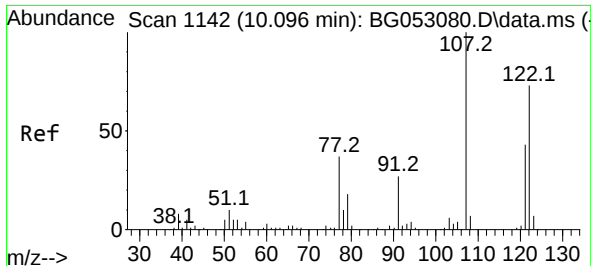
Tgt Ion: 82 Resp: 199259
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.6
138 15.4 12.6 18.8



#26
2-Nitrophenol
Concen: 58.366 ng
RT: 10.021 min Scan# 1129
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion: 139 Resp: 43716
Ion Ratio Lower Upper
139 100
109 49.7 29.4 44.0#
65 65.6 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 71.341 ng

RT: 10.079 min Scan# 1142

Delta R.T. 0.004 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

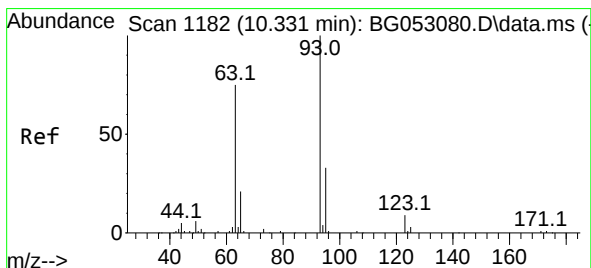
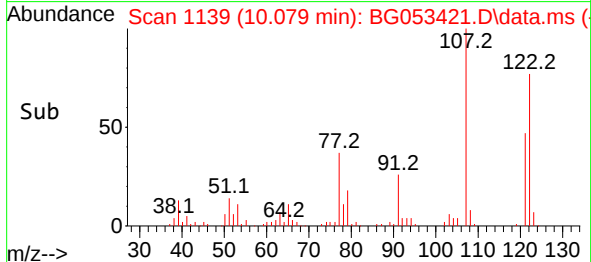
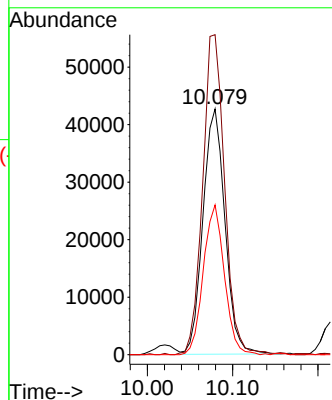
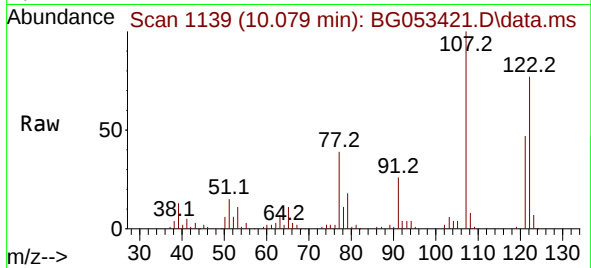
Tgt Ion:122 Resp: 76528

Ion Ratio Lower Upper

122 100

107 130.2 96.7 145.1

121 60.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 58.904 ng

RT: 10.303 min Scan# 1177

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

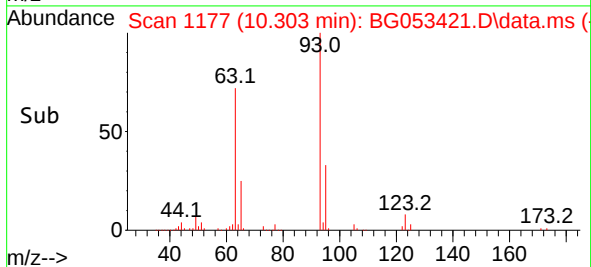
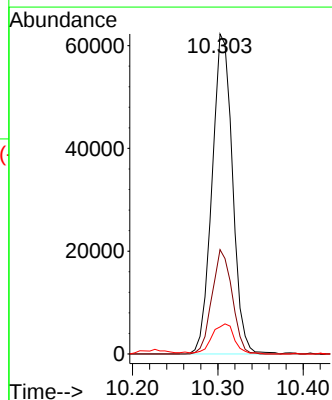
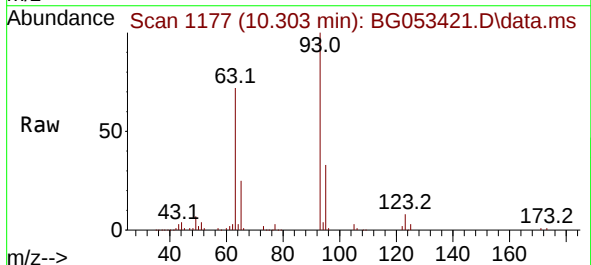
Tgt Ion: 93 Resp: 103581

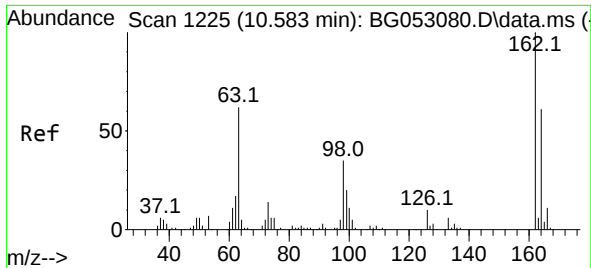
Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 8.4 8.6 12.8#





#29

2,4-Dichlorophenol

Concen: 63.237 ng

RT: 10.561 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

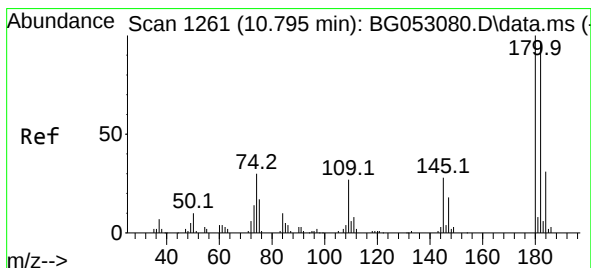
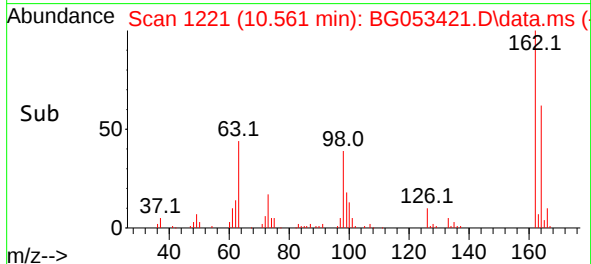
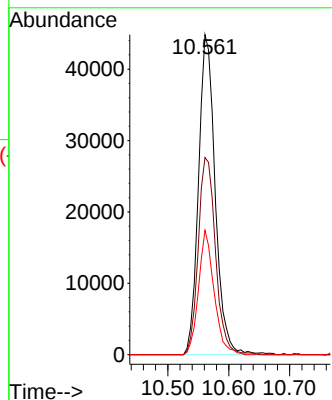
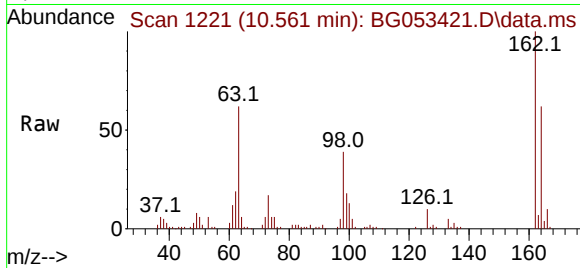
Tgt Ion:162 Resp: 85278

Ion Ratio Lower Upper

162 100

164 61.6 44.0 84.0

98 38.8 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 55.354 ng

RT: 10.772 min Scan# 1257

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

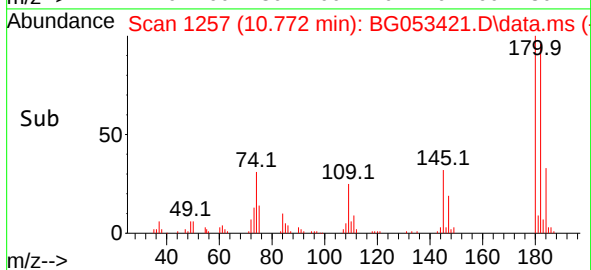
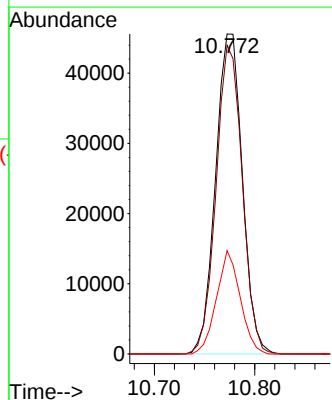
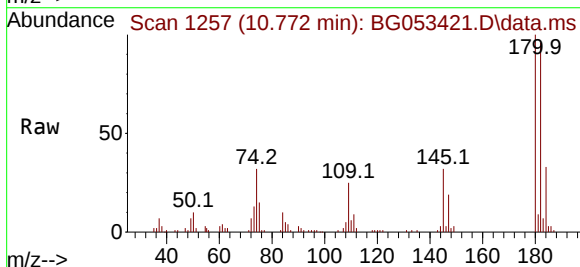
Tgt Ion:180 Resp: 84486

Ion Ratio Lower Upper

180 100

182 96.4 77.8 116.6

145 32.3 24.4 36.6

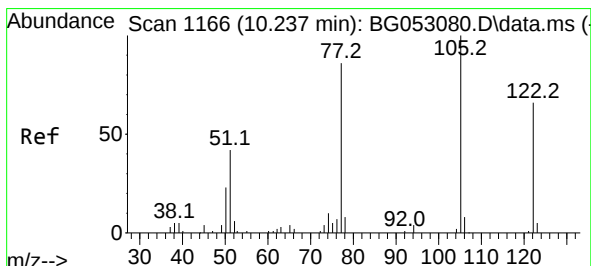
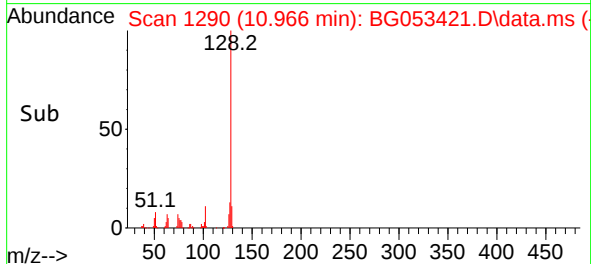
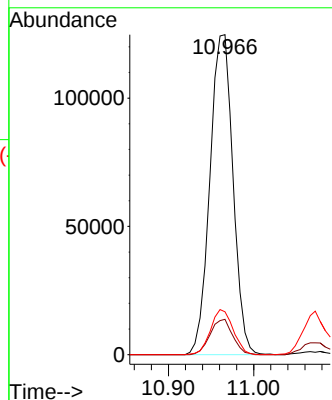
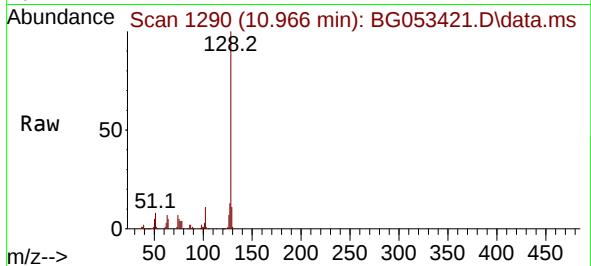




#31
Naphthalene
Concen: 58.778 ng
RT: 10.966 min Scan# 1164
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

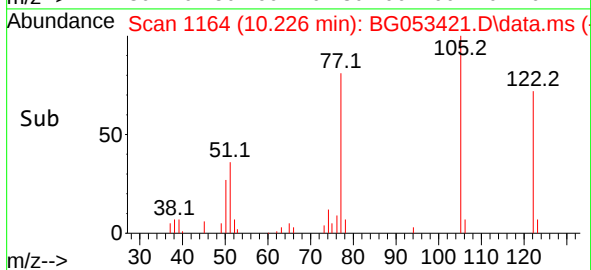
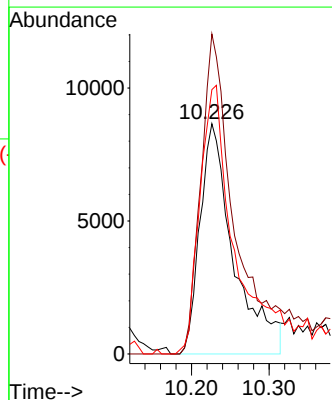
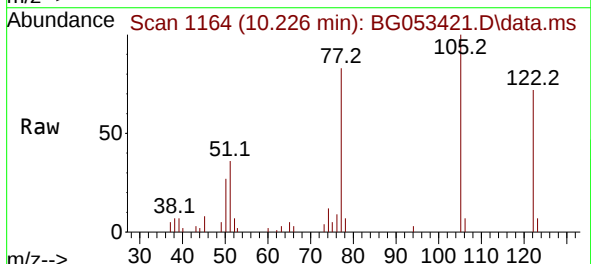
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

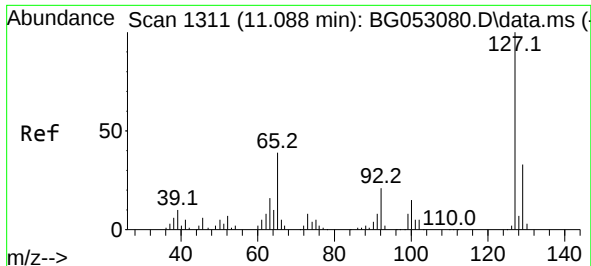
Tgt Ion:128 Resp: 234480
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 38.189 ng
RT: 10.226 min Scan# 1164
Delta R.T. -0.020 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:122 Resp: 26101
Ion Ratio Lower Upper
122 100
105 139.0 112.8 152.8
77 114.8 78.4 118.4

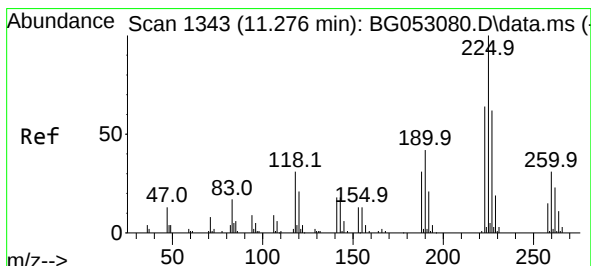
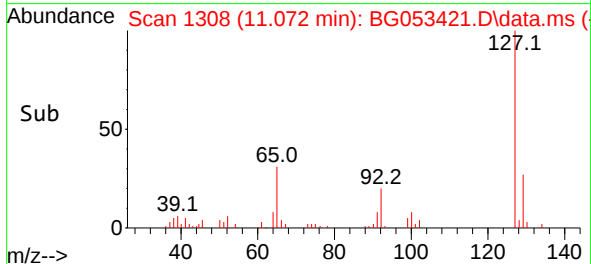
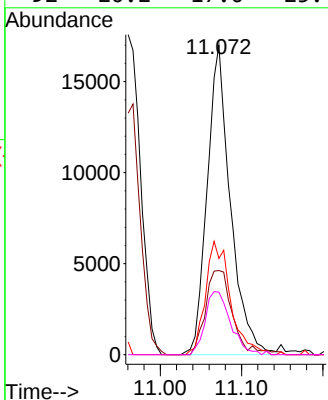
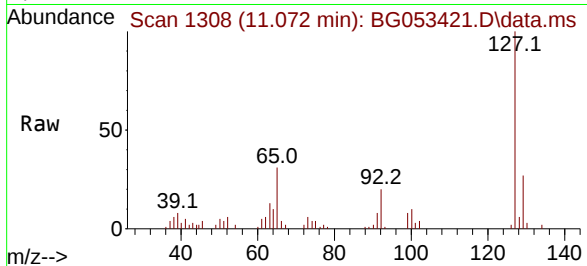




#33
4-Chloroaniline
Concen: 19.747 ng
RT: 11.072 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

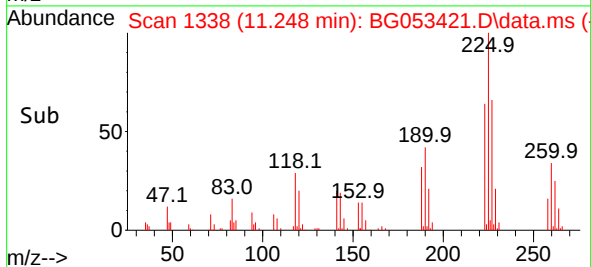
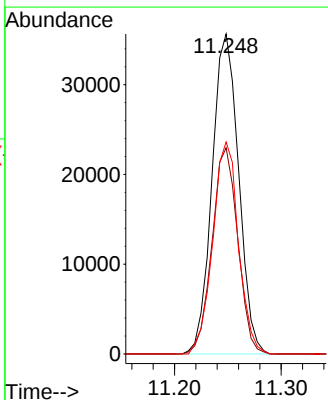
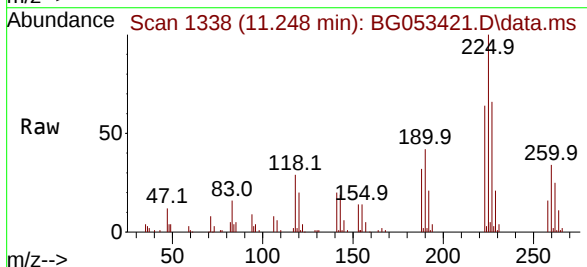
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

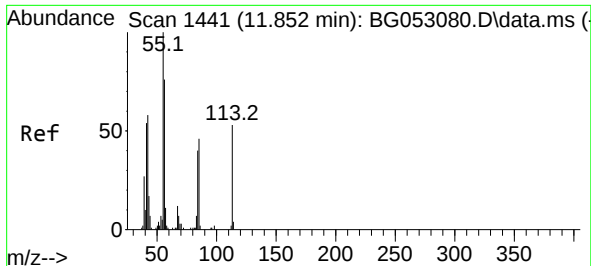
Tgt Ion:	127	Resp:	33734
Ion Ratio	Lower	Upper	
127	100		
129	27.2	27.6	41.4#
65	31.1	28.2	42.4
92	20.2	17.0	25.4



#34
Hexachlorobutadiene
Concen: 54.325 ng
RT: 11.248 min Scan# 1338
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:	225	Resp:	61592
Ion Ratio	Lower	Upper	
225	100		
223	64.4	50.2	75.2
227	66.3	52.0	78.0

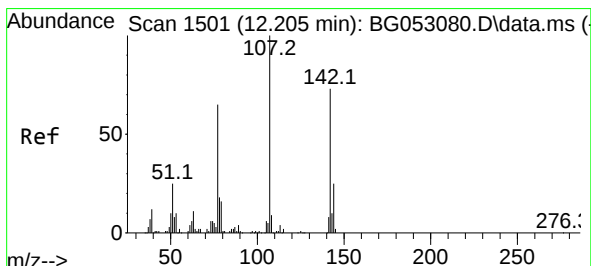
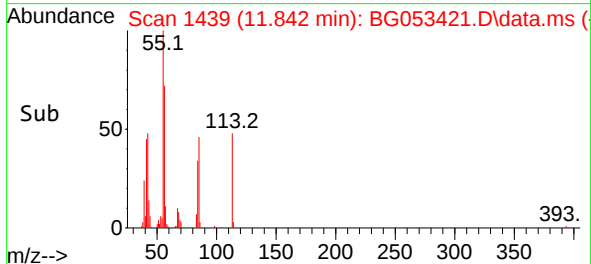
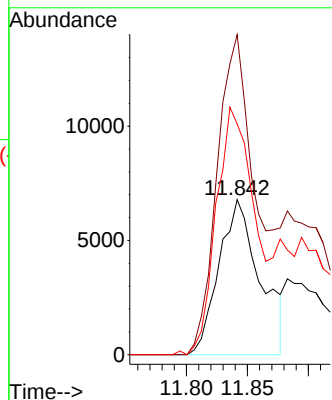
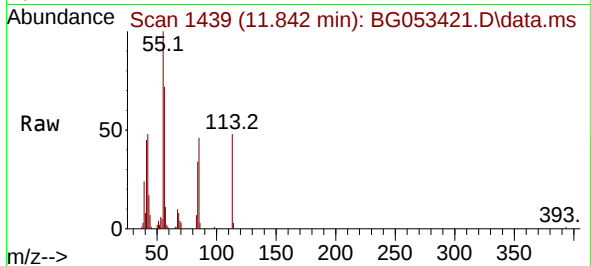




#35
Caprolactam
Concen: 33.340 ng
RT: 11.842 min Scan# 1441
Delta R.T. -0.008 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

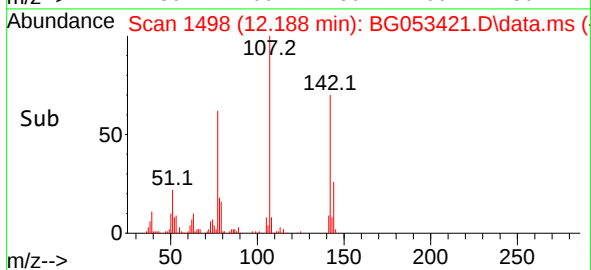
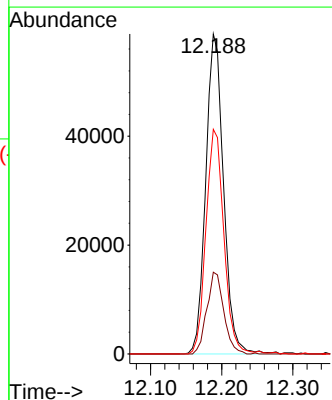
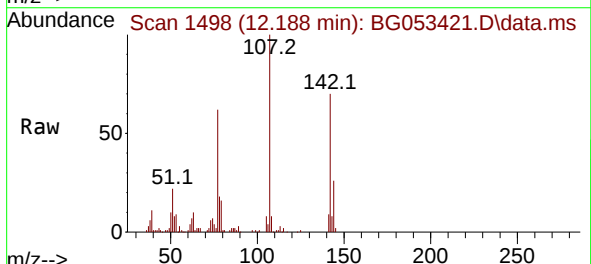
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

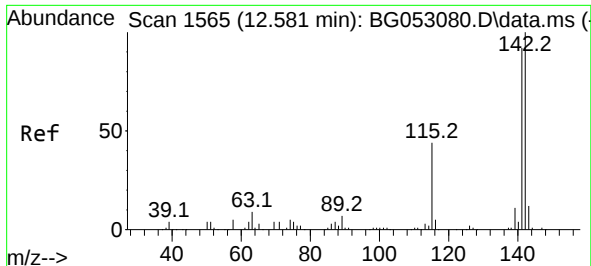
Tgt Ion:113 Resp: 15848
Ion Ratio Lower Upper
113 100
55 206.4 151.3 191.3#
56 148.8 128.5 168.5



#36
4-Chloro-3-methylphenol
Concen: 65.302 ng
RT: 12.188 min Scan# 1498
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:107 Resp: 102522
Ion Ratio Lower Upper
107 100
144 25.6 21.4 32.0
142 70.2 61.7 92.5

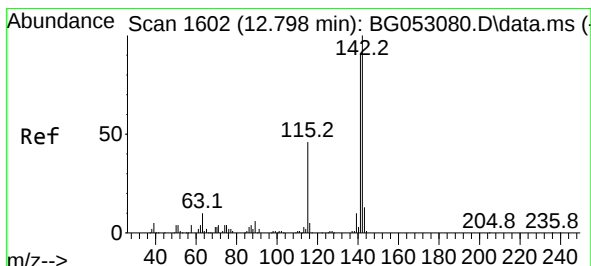
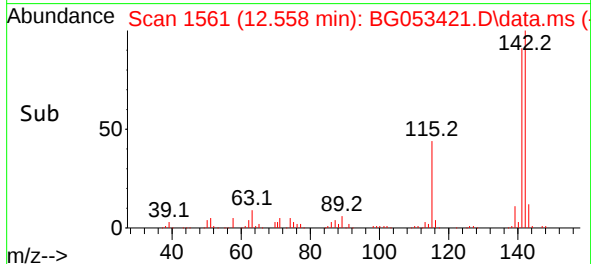
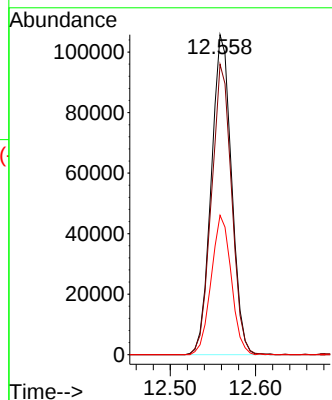
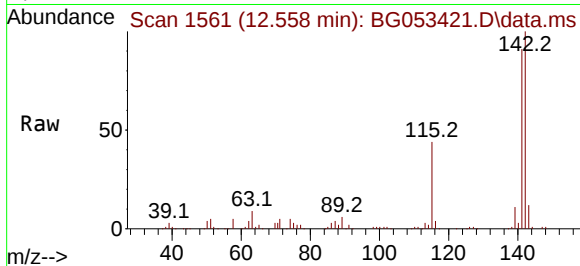




#37
2-Methylnaphthalene
Concen: 59.176 ng
RT: 12.558 min Scan# 1561
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

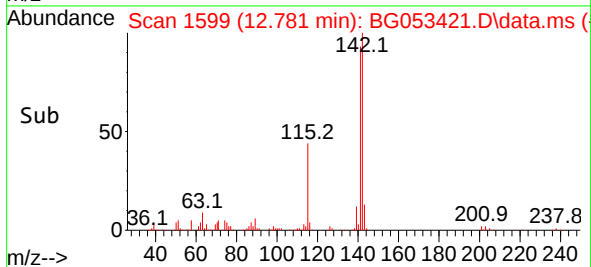
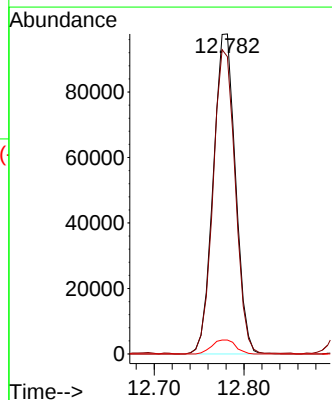
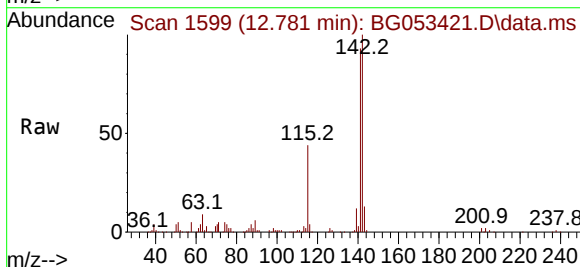
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

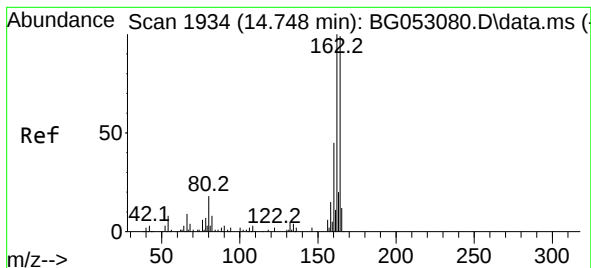
Tgt Ion:142 Resp: 174677
Ion Ratio Lower Upper
142 100
141 90.8 71.3 106.9
115 43.6 29.5 44.3



#38
1-Methylnaphthalene
Concen: 58.236 ng
RT: 12.781 min Scan# 1599
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:142 Resp: 167798
Ion Ratio Lower Upper
142 100
141 92.9 70.5 105.7
116 4.4 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.726 min Scan# 1930

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

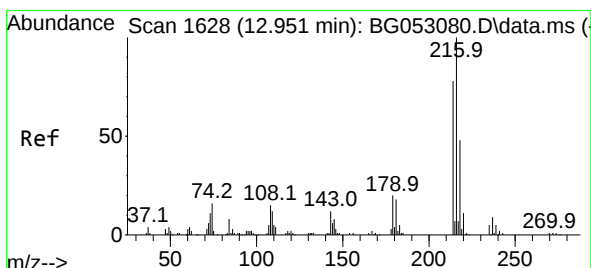
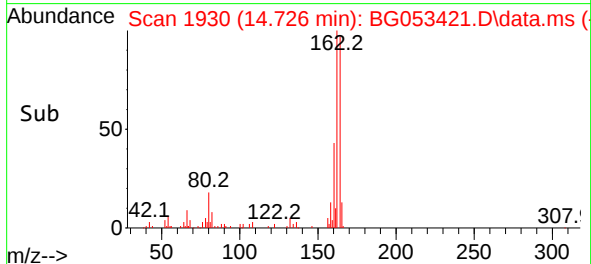
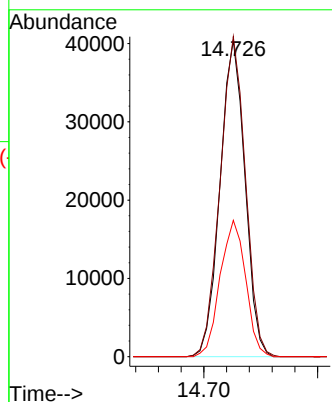
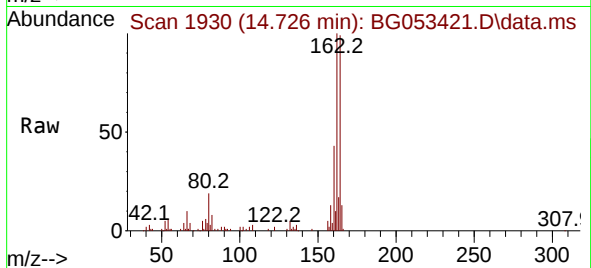
Tgt Ion:164 Resp: 61394

Ion Ratio Lower Upper

164 100

162 101.2 80.0 120.0

160 43.1 38.8 58.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.824 ng

RT: 12.928 min Scan# 1624

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

Tgt Ion:216 Resp: 112233

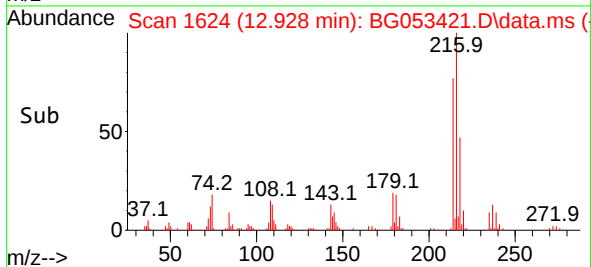
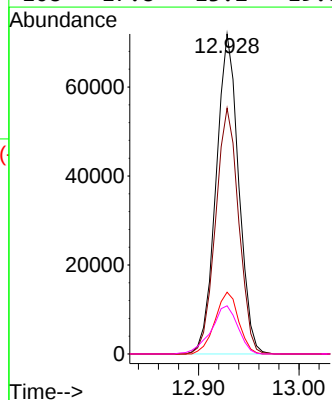
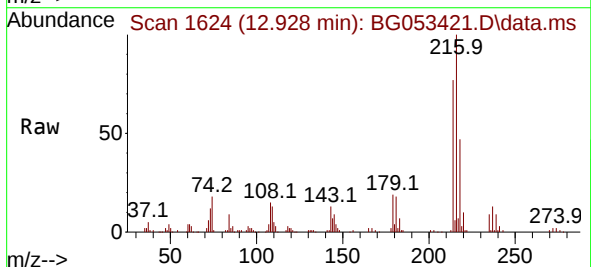
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.6

179 20.1 15.7 23.5

108 17.8 13.2 19.8

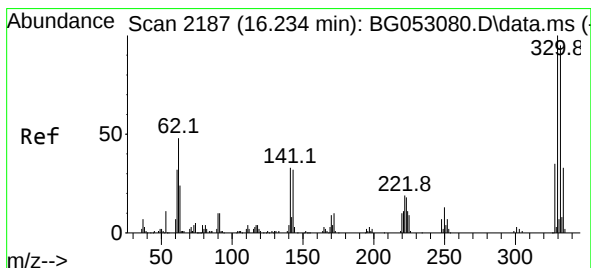
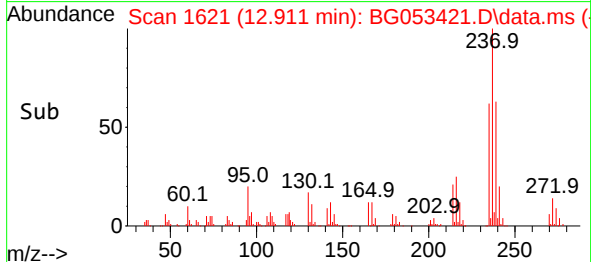
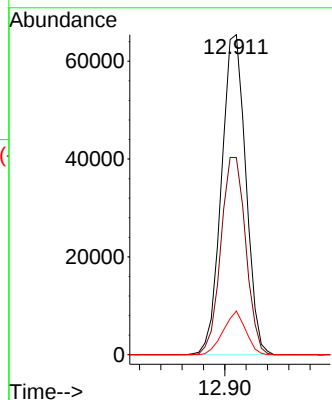
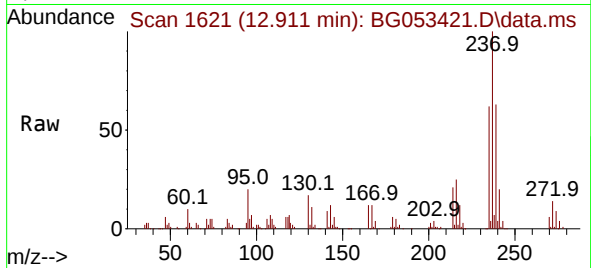




#41
Hexachlorocyclopentadiene
Concen: 96.141 ng
RT: 12.911 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

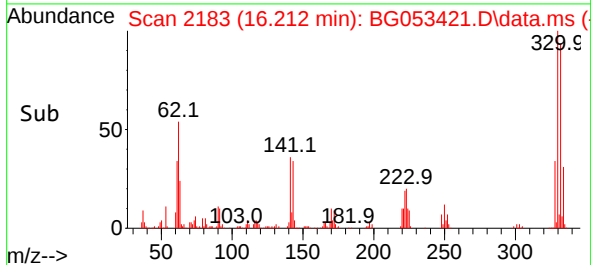
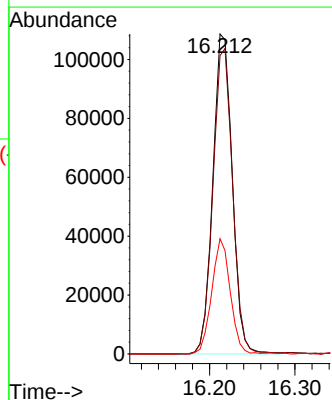
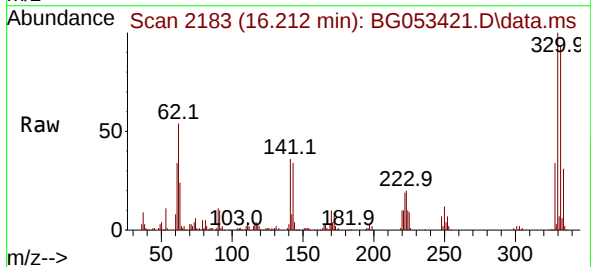
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

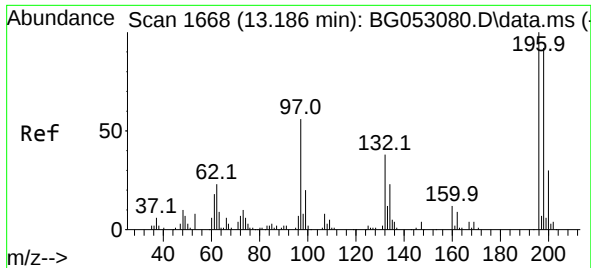
Tgt Ion:237 Resp: 103486
Ion Ratio Lower Upper
237 100
235 61.6 37.7 77.7
272 13.6 0.0 30.7



#42
2,4,6-Tribromophenol
Concen: 176.317 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:330 Resp: 172218
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.6
141 34.3 24.6 36.8

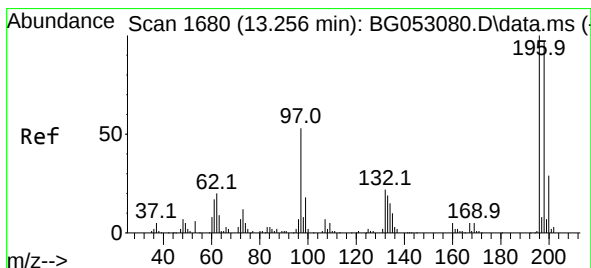
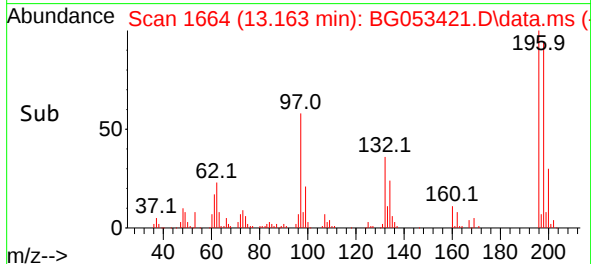
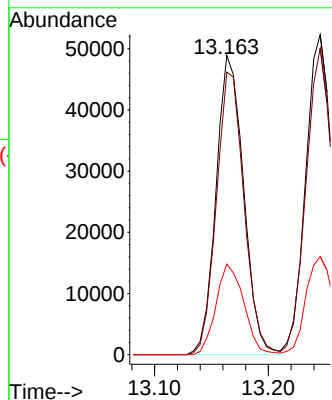
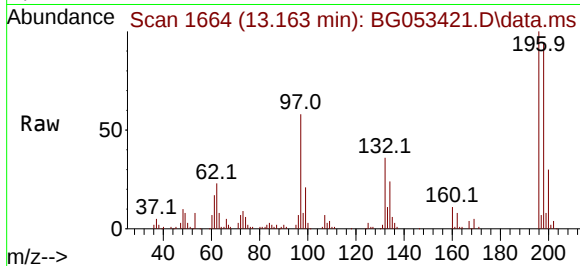




#43
2,4,6-Trichlorophenol
Concen: 57.244 ng
RT: 13.163 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

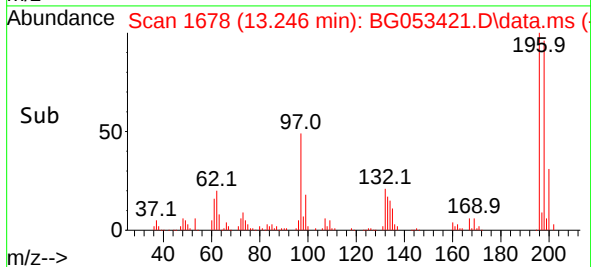
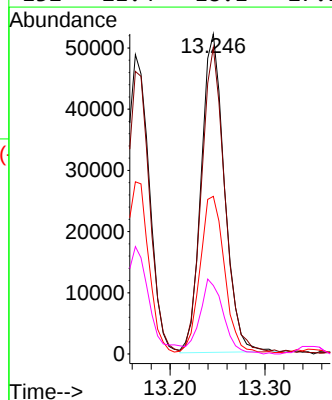
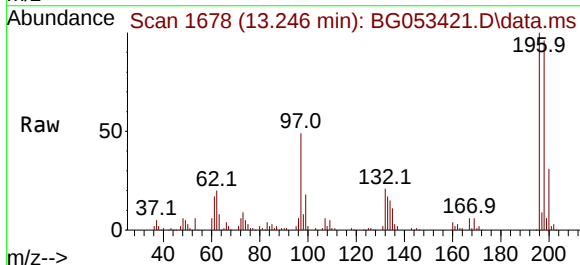
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

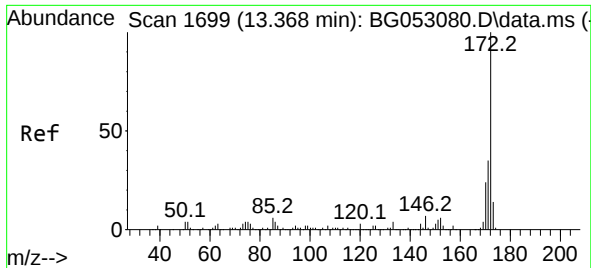
Tgt Ion:196 Resp: 82296
Ion Ratio Lower Upper
196 100
198 94.4 78.8 118.2
200 30.2 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 57.837 ng
RT: 13.246 min Scan# 1678
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:196 Resp: 88606
Ion Ratio Lower Upper
196 100
198 95.8 75.8 113.6
97 49.3 36.5 54.7
132 21.4 18.1 27.1

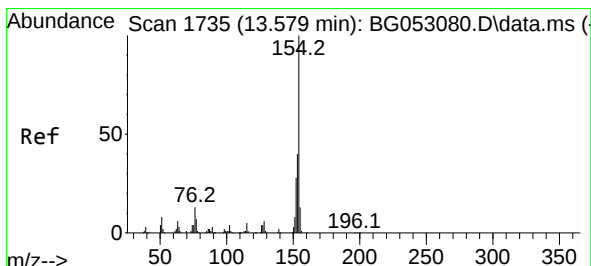
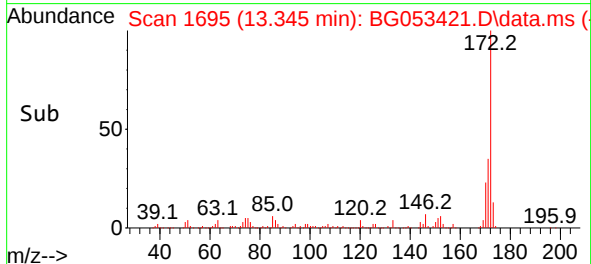
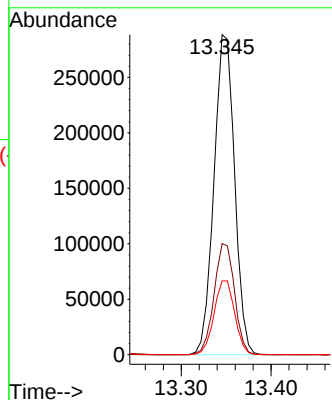
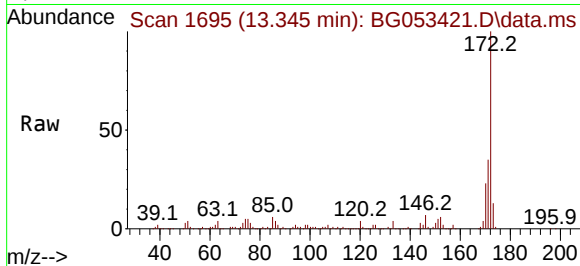




#45
2-Fluorobiphenyl
Concen: 103.320 ng
RT: 13.345 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

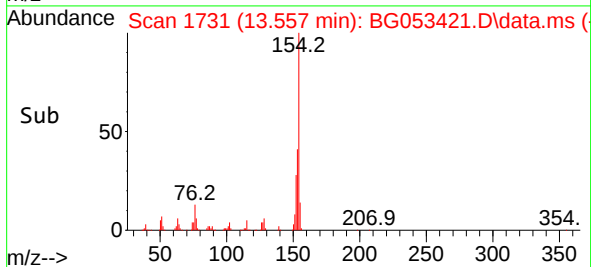
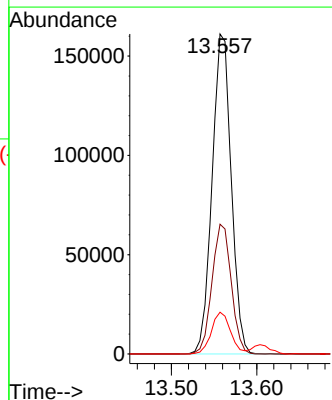
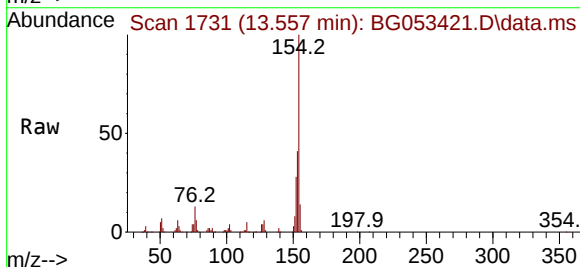
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

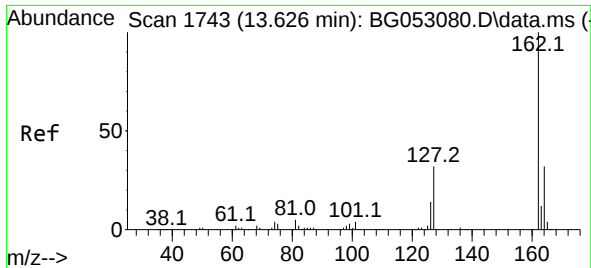
Tgt Ion:172 Resp: 460021
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.0 18.0 27.0



#46
1,1'-Biphenyl
Concen: 56.701 ng
RT: 13.557 min Scan# 1731
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:154 Resp: 250686
Ion Ratio Lower Upper
154 100
153 40.5 21.6 61.6
76 13.1 0.0 31.5

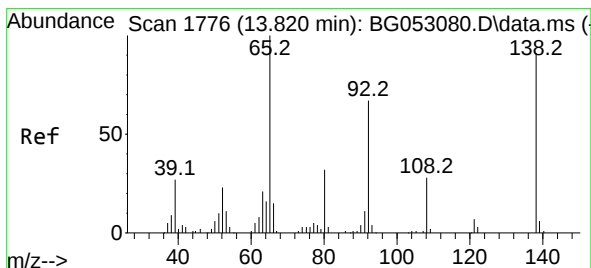
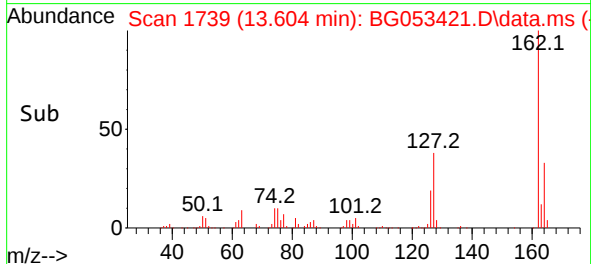
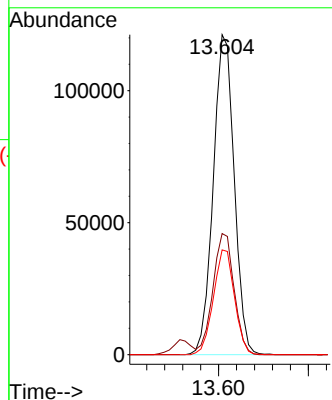
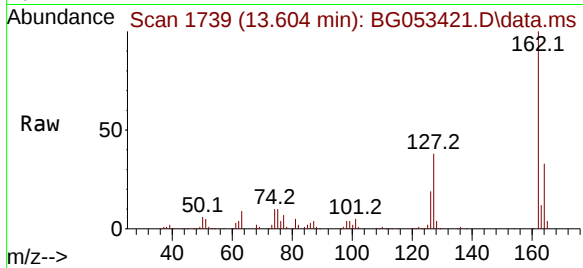




#47
2-Chloronaphthalene
Concen: 55.601 ng
RT: 13.604 min Scan# 1739
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

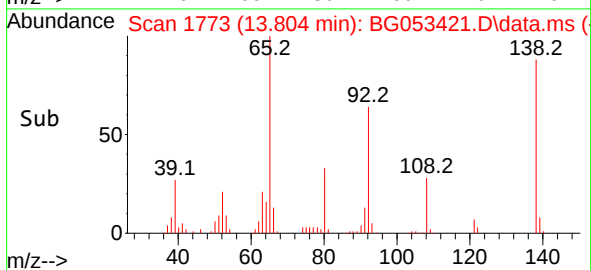
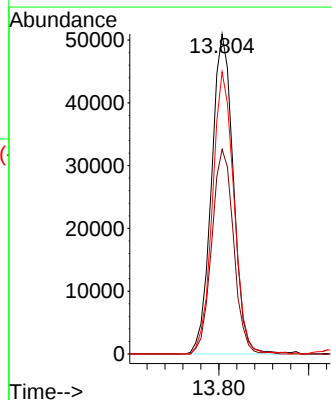
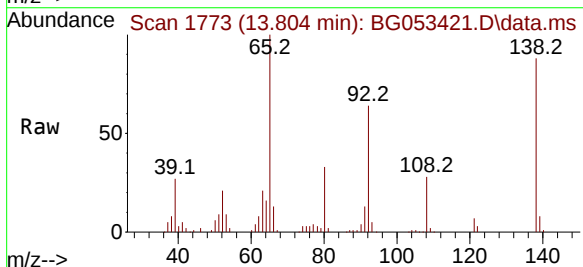
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

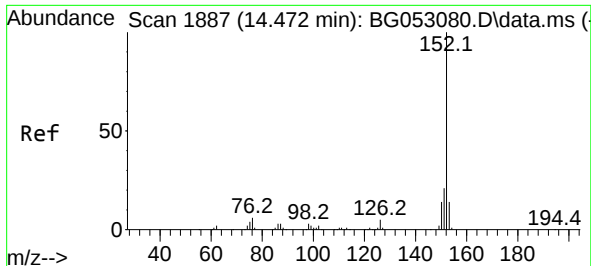
Tgt Ion:162 Resp: 196123
Ion Ratio Lower Upper
162 100
127 37.8 28.1 42.1
164 32.7 26.0 39.0



#48
2-Nitroaniline
Concen: 64.115 ng
RT: 13.804 min Scan# 1773
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion: 65 Resp: 85826
Ion Ratio Lower Upper
65 100
92 64.0 52.1 78.1
138 88.1 80.1 120.1

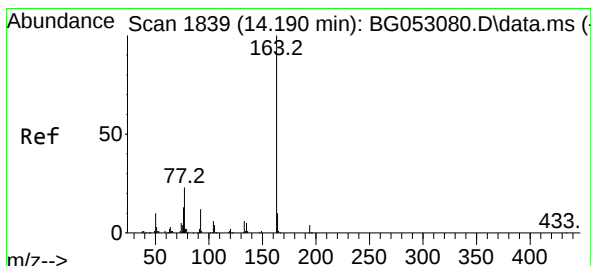
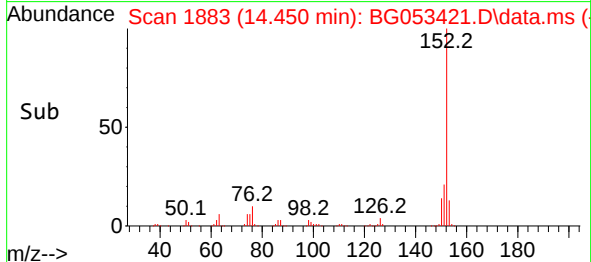
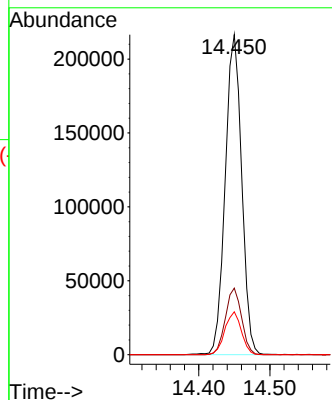
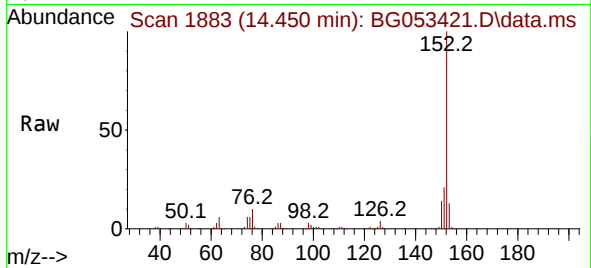




#49
Acenaphthylene
Concen: 62.788 ng
RT: 14.450 min Scan# 1883
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

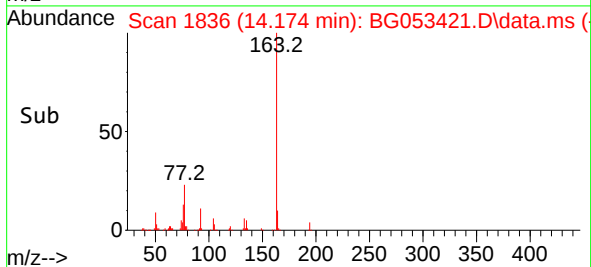
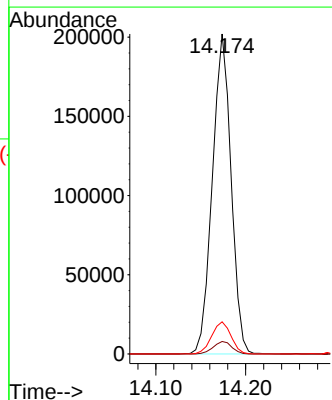
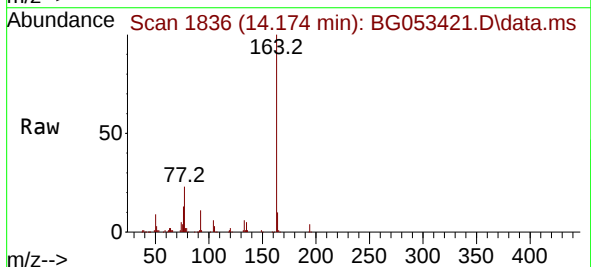
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

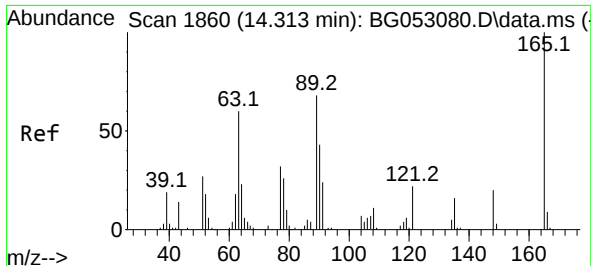
Tgt Ion:152 Resp: 346694
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.6
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 59.475 ng
RT: 14.174 min Scan# 1836
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:163 Resp: 292055
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.5 12.7

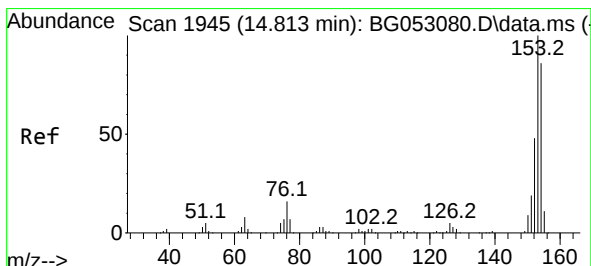
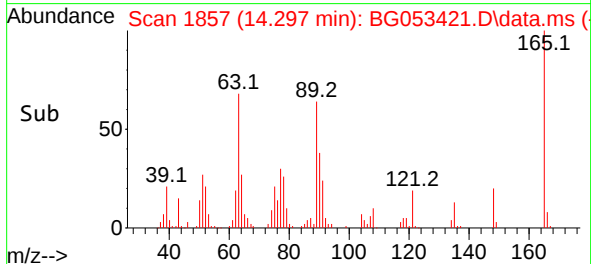
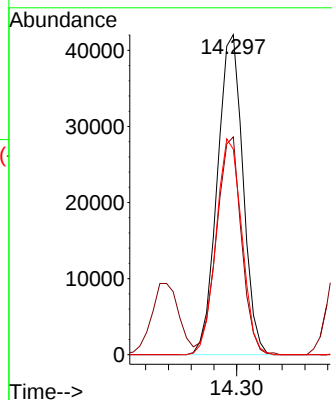
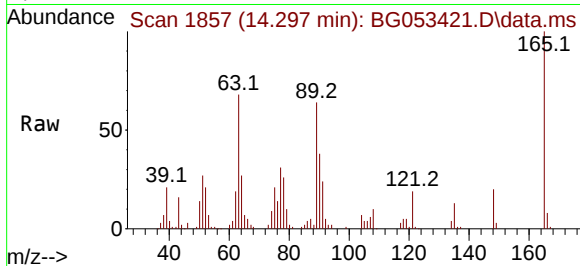




#51
2,6-Dinitrotoluene
Concen: 64.299 ng
RT: 14.297 min Scan# 1857
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

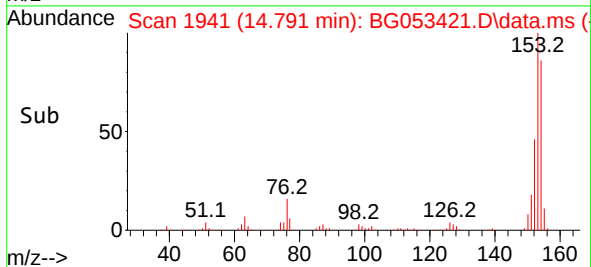
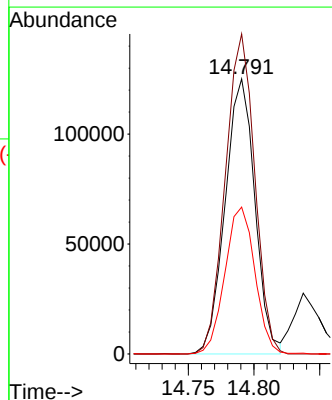
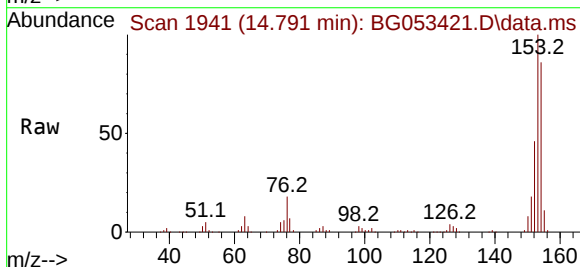
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

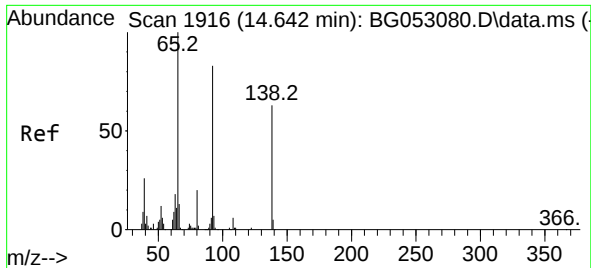
Tgt Ion:165 Resp: 65870
Ion Ratio Lower Upper
165 100
63 68.0 43.7 65.5#
89 64.2 45.0 67.4



#52
Acenaphthene
Concen: 52.753 ng
RT: 14.791 min Scan# 1941
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:154 Resp: 197534
Ion Ratio Lower Upper
154 100
153 116.4 89.0 133.4
152 53.4 40.5 60.7

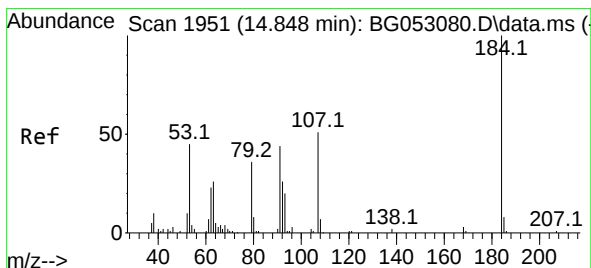
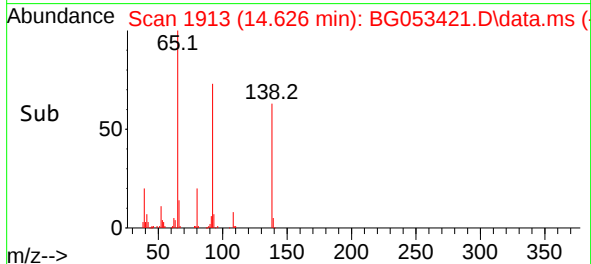
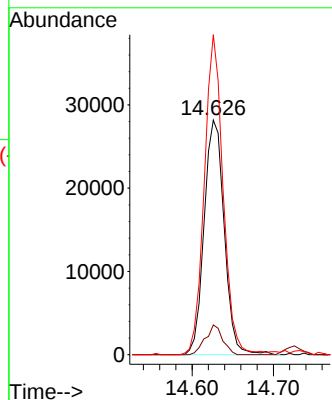
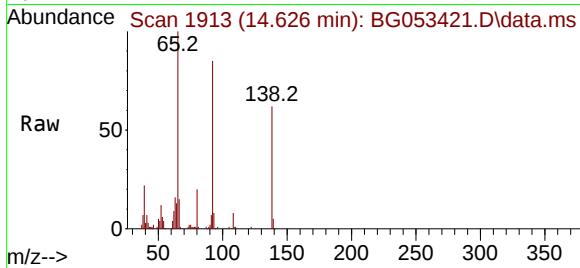




#53
3-Nitroaniline
Concen: 44.635 ng
RT: 14.626 min Scan# 1916
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

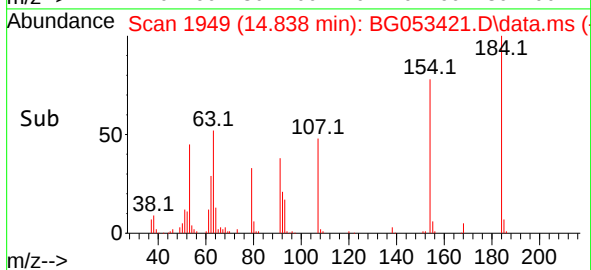
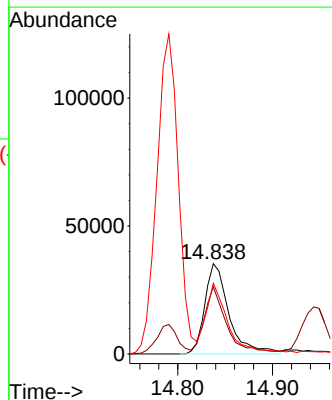
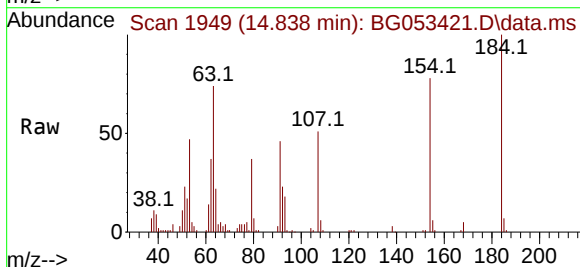
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

Tgt Ion:138 Resp: 48350
Ion Ratio Lower Upper
138 100
108 12.7 8.0 12.0#
92 136.4 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 95.799 ng
RT: 14.838 min Scan# 1949
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:184 Resp: 62444
Ion Ratio Lower Upper
184 100
63 74.4 51.8 77.6
154 78.4 47.8 71.6#

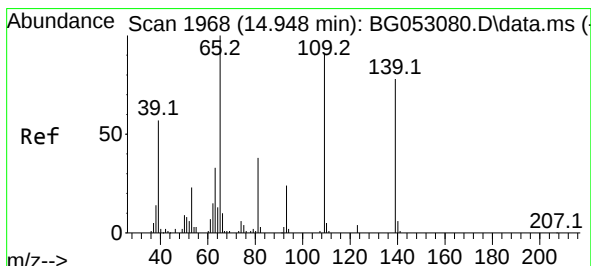
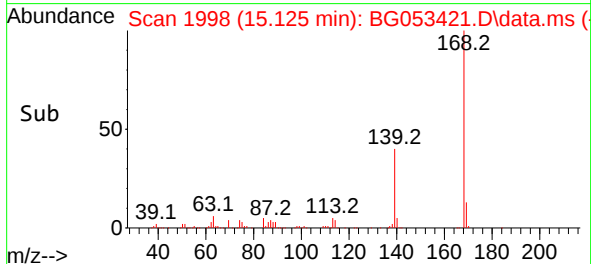
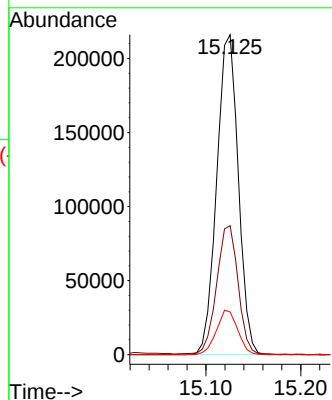
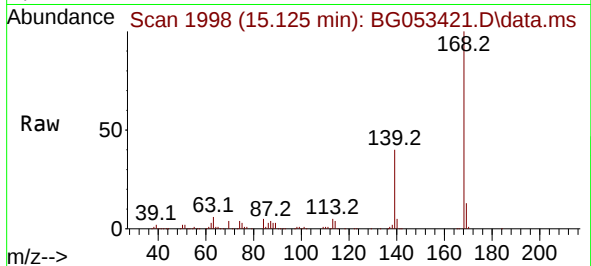




#55
Dibenzenofuran
Concen: 58.205 ng
RT: 15.125 min Scan# 1998
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

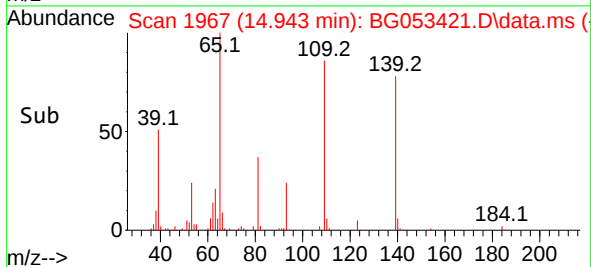
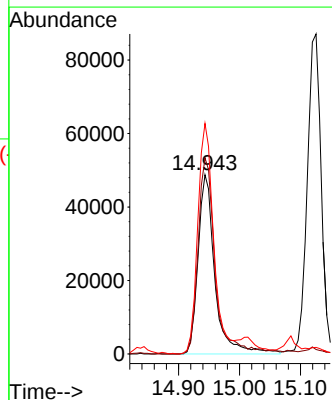
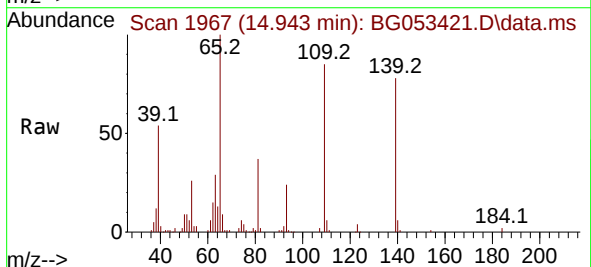
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

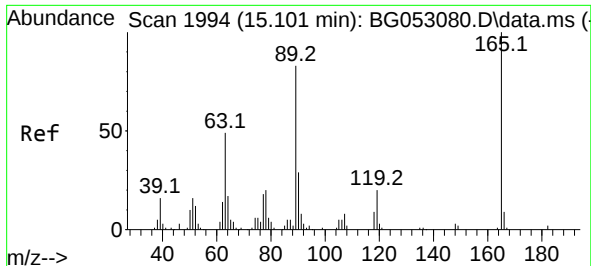
Tgt Ion:168 Resp: 341273
Ion Ratio Lower Upper
168 100
139 40.3 30.2 45.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 113.450 ng
RT: 14.943 min Scan# 1967
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:139 Resp: 93727
Ion Ratio Lower Upper
139 100
109 109.3 67.1 107.1#
65 128.7 88.2 128.2#

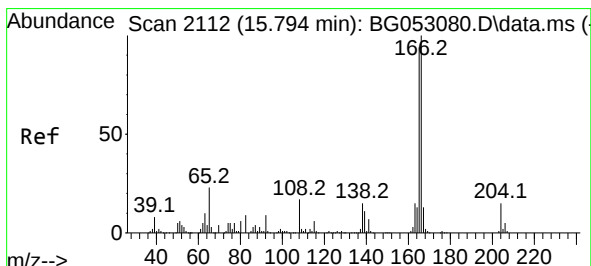
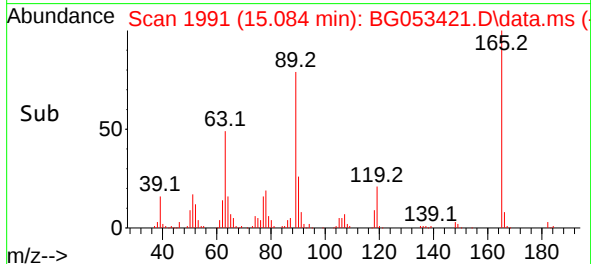
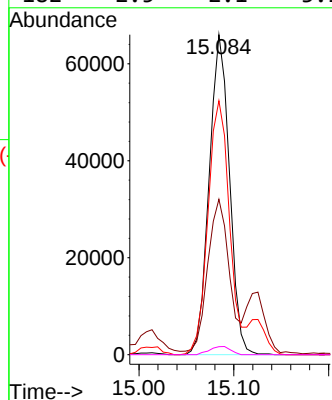
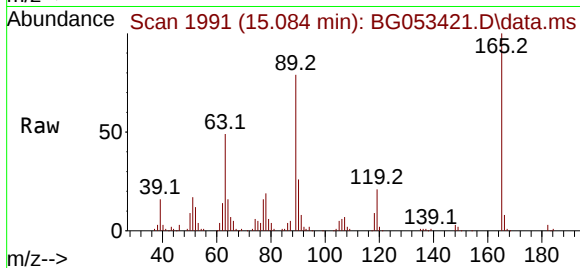




#57
2,4-Dinitrotoluene
Concen: 67.105 ng
RT: 15.084 min Scan# 1994
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

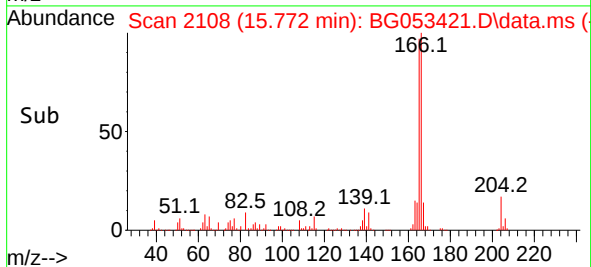
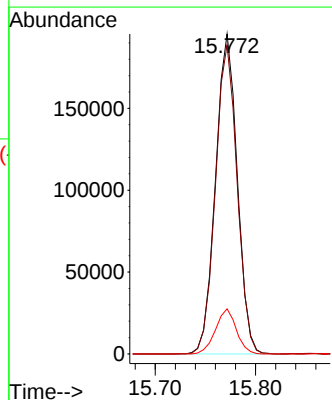
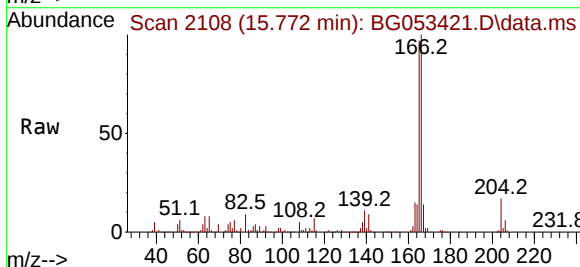
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

Tgt Ion:165 Resp: 97871
Ion Ratio Lower Upper
165 100
63 48.6 34.8 52.2
89 79.4 57.4 86.0
182 2.5 2.1 3.1



#58
Fluorene
Concen: 61.957 ng
RT: 15.772 min Scan# 2108
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:166 Resp: 293405
Ion Ratio Lower Upper
166 100
165 96.6 78.6 117.8
167 14.1 10.9 16.3

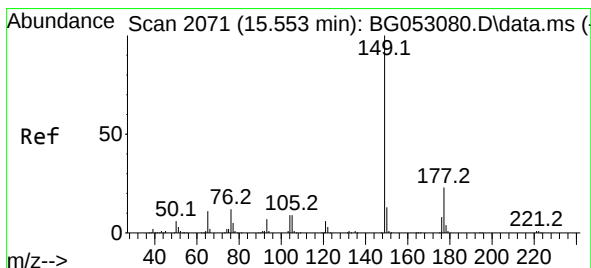
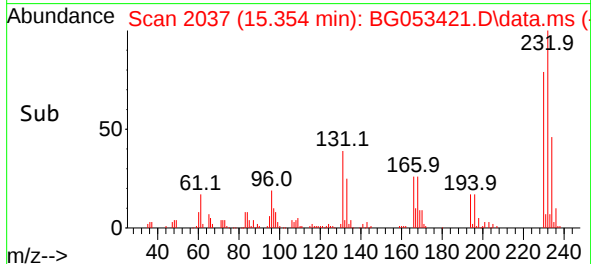
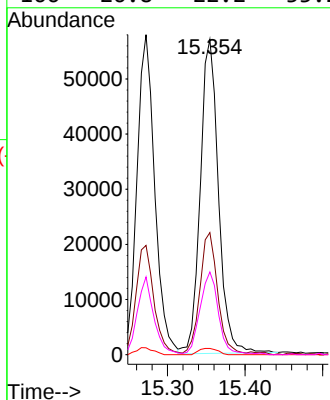
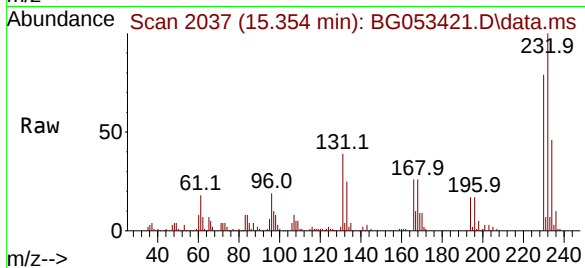




#59
2,3,4,6-Tetrachlorophenol
Concen: 62.244 ng
RT: 15.354 min Scan# 2040
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

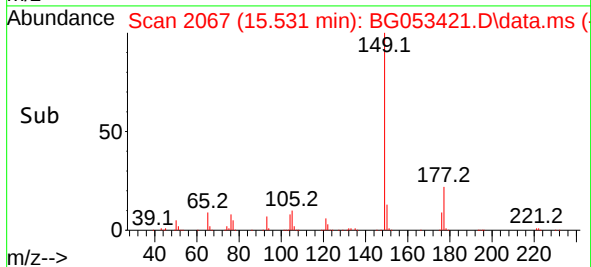
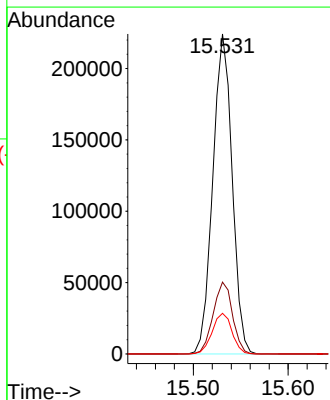
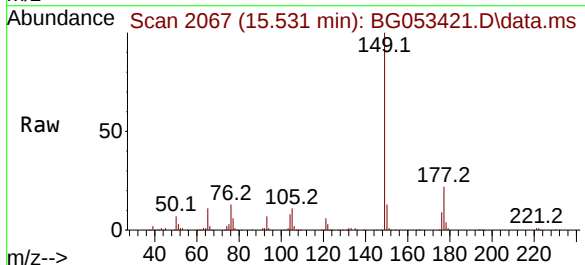
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

Tgt Ion:232 Resp: 92604
Ion Ratio Lower Upper
232 100
131 37.2 30.1 45.1
130 2.1 1.8 2.8
166 26.8 22.2 33.2



#60
Diethylphthalate
Concen: 61.657 ng
RT: 15.531 min Scan# 2067
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:149 Resp: 317227
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.7 9.9 14.9

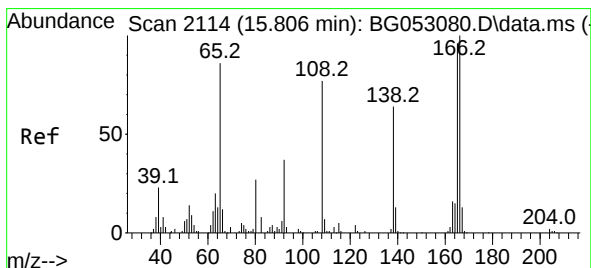
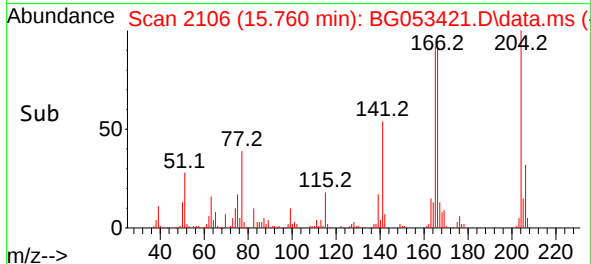
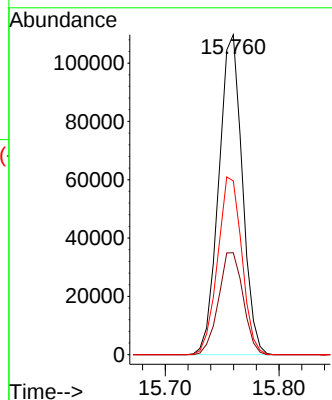
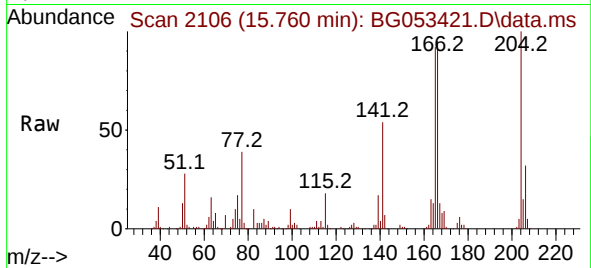




#61
4-Chlorophenyl-phenylether
Concen: 58.818 ng
RT: 15.760 min Scan# 2106
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

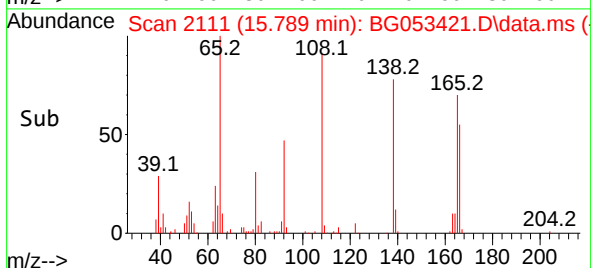
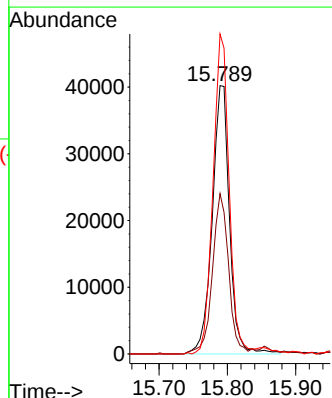
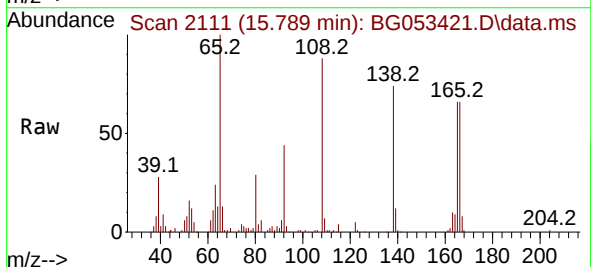
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

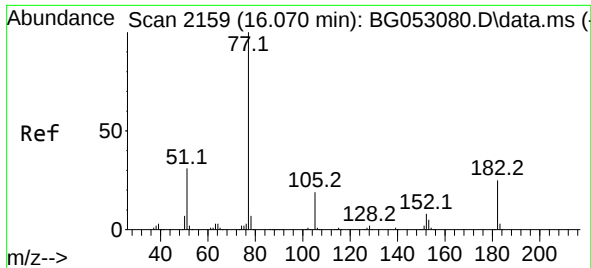
Tgt Ion:204 Resp: 157896
Ion Ratio Lower Upper
204 100
206 31.8 28.3 42.5
141 54.3 45.8 68.8



#62
4-Nitroaniline
Concen: 62.147 ng
RT: 15.789 min Scan# 2111
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:138 Resp: 71037
Ion Ratio Lower Upper
138 100
92 59.8 33.3 73.3
108 119.3 74.2 114.2#

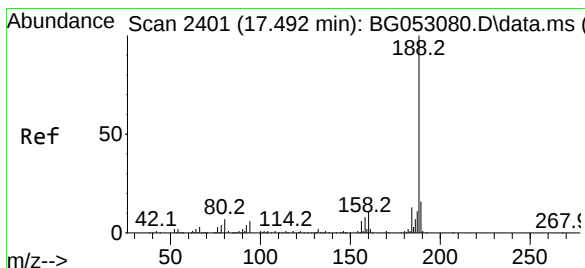
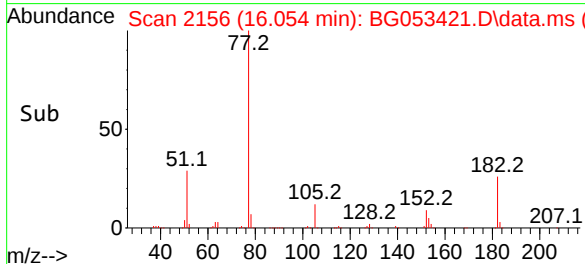
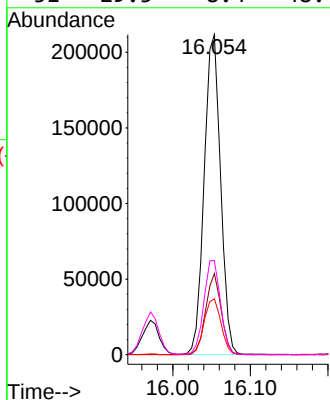
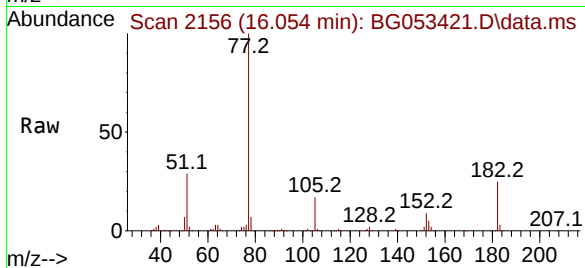




#63
Azobenzene
Concen: 59.711 ng
RT: 16.054 min Scan# 2159
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

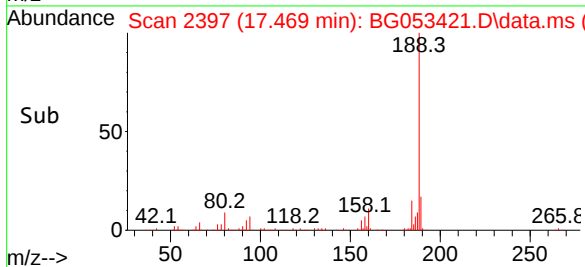
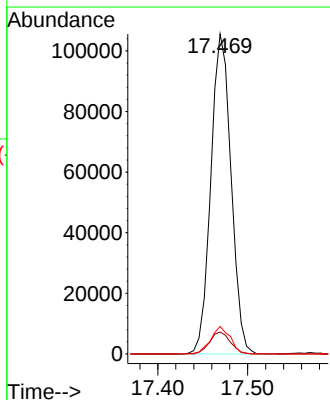
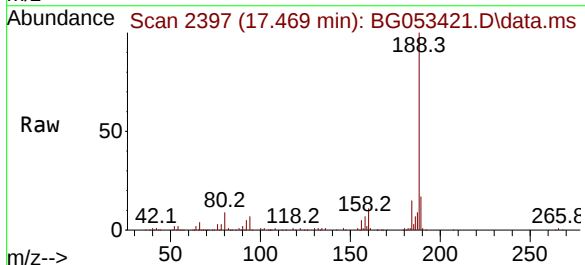
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

Tgt Ion: 77	Resp: 309740
Ion Ratio	Lower Upper
77 100	
182 25.4	5.6 45.6
105 17.5	0.0 38.8
51 29.5	8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2397
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:188	Resp: 164973
Ion Ratio	Lower Upper
188 100	
94 6.9	5.7 8.5
80 8.6	7.2 10.8

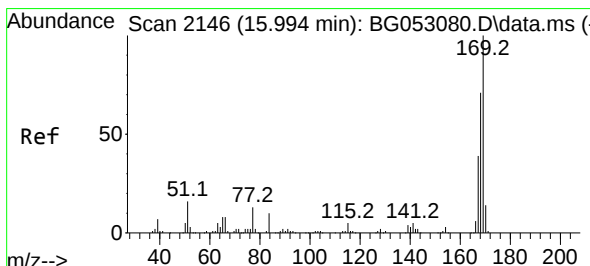
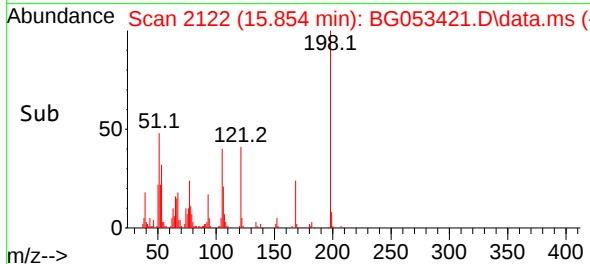
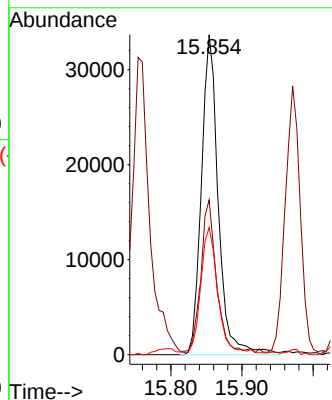
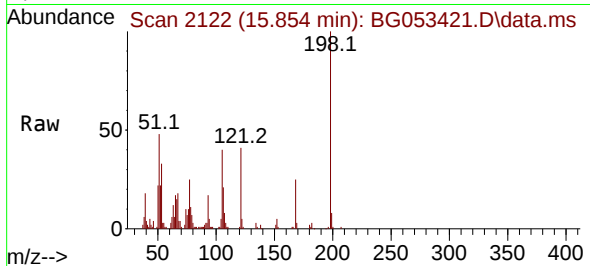




#65
4,6-Dinitro-2-methylphenol
Concen: 48.434 ng
RT: 15.854 min Scan# 2122
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

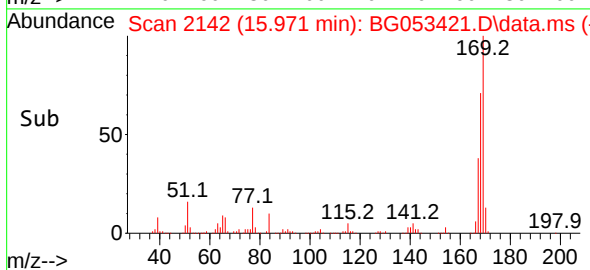
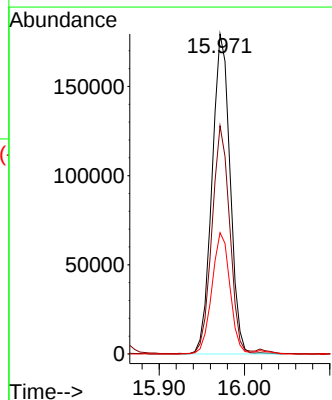
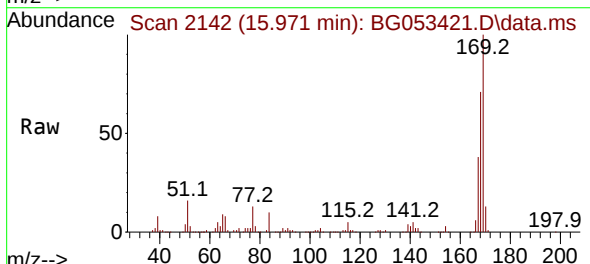
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

Tgt Ion:198 Resp: 55746
Ion Ratio Lower Upper
198 100
51 48.4 21.7 61.7
105 39.7 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 55.668 ng
RT: 15.971 min Scan# 2142
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:169 Resp: 264092
Ion Ratio Lower Upper
169 100
168 71.3 54.5 81.7
167 37.9 29.6 44.4

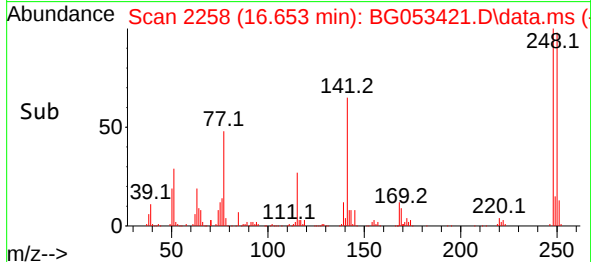
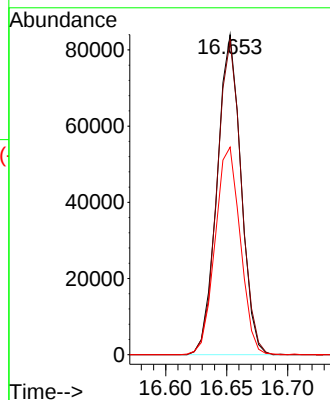
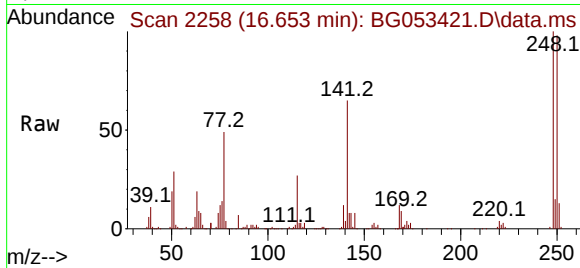




#67
4-Bromophenyl-phenylether
Concen: 54.248 ng
RT: 16.653 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

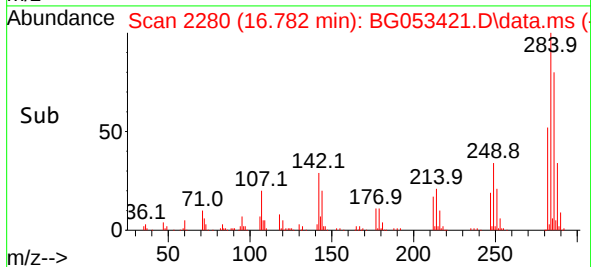
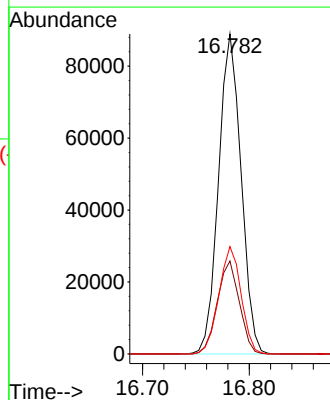
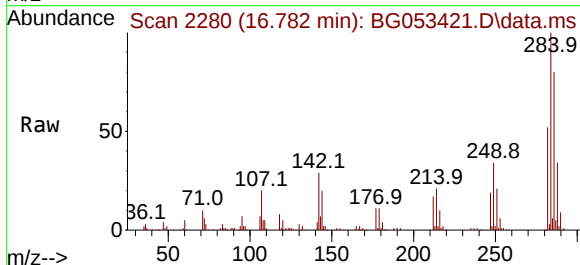
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

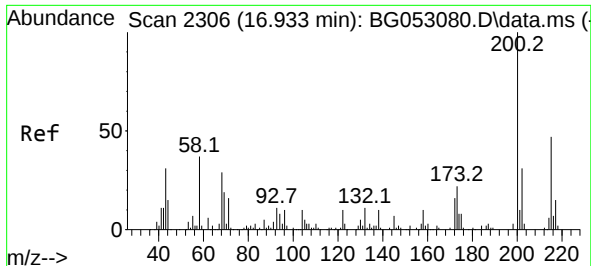
Tgt Ion:248 Resp: 114674
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 64.8 49.2 73.8



#68
Hexachlorobenzene
Concen: 56.965 ng
RT: 16.782 min Scan# 2280
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:284 Resp: 130407
Ion Ratio Lower Upper
284 100
142 29.0 21.0 31.4
249 33.5 22.7 34.1

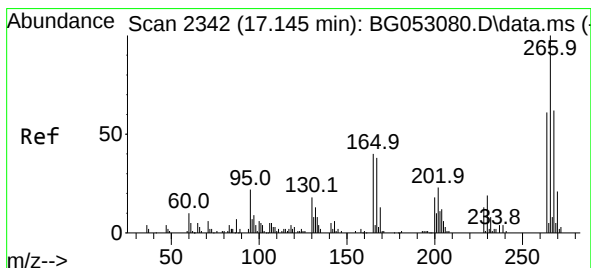
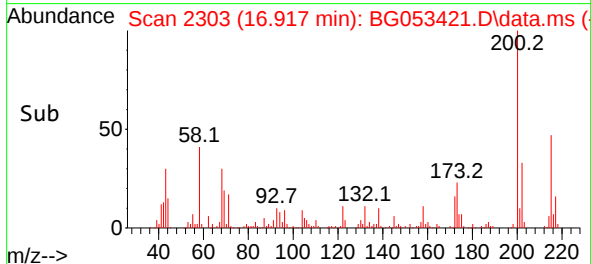
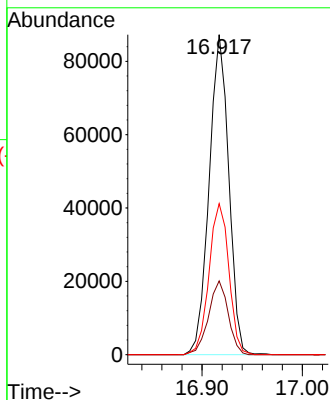
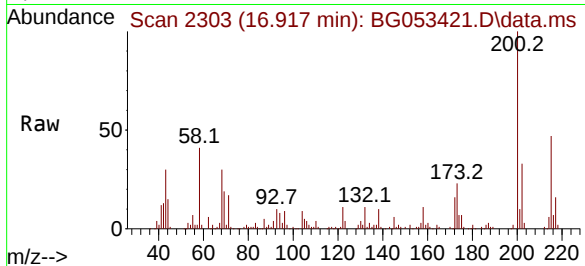




#69
 Atrazine
 Concen: 63.944 ng
 RT: 16.917 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG053421.D
 Acq: 3 May 2022 17:31

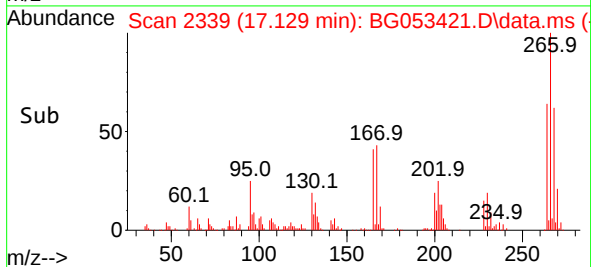
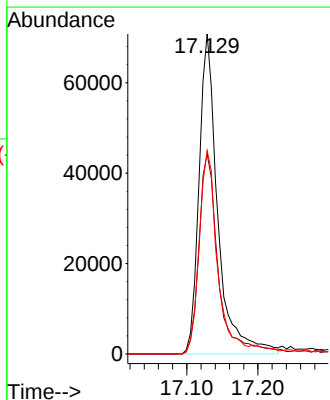
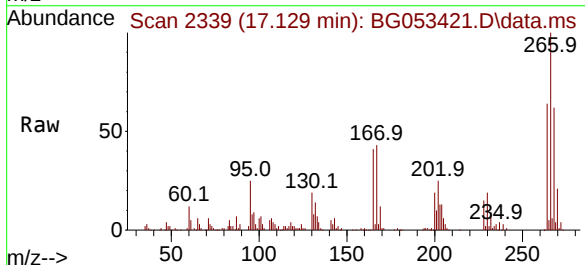
Instrument :
 BNA_G
 ClientSampleId :
 TP-21MSD

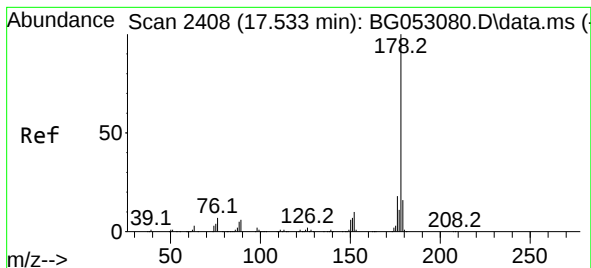
Tgt Ion:200 Resp: 118496
 Ion Ratio Lower Upper
 200 100
 173 23.0 3.8 43.8
 215 47.2 26.3 66.3



#70
 Pentachlorophenol
 Concen: 104.125 ng
 RT: 17.129 min Scan# 2339
 Delta R.T. -0.002 min
 Lab File: BG053421.D
 Acq: 3 May 2022 17:31

Tgt Ion:266 Resp: 130273
 Ion Ratio Lower Upper
 266 100
 268 62.5 45.9 68.9
 264 63.5 45.3 67.9





#71

Phenanthrene

Concen: 59.030 ng

RT: 17.516 min Scan# 2405

Delta R.T. 0.004 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

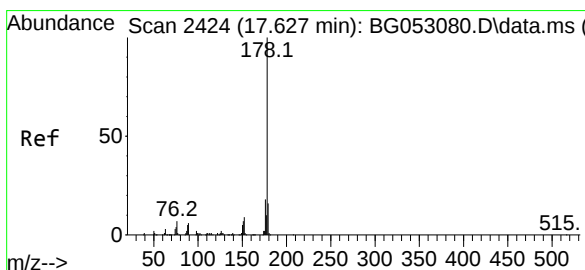
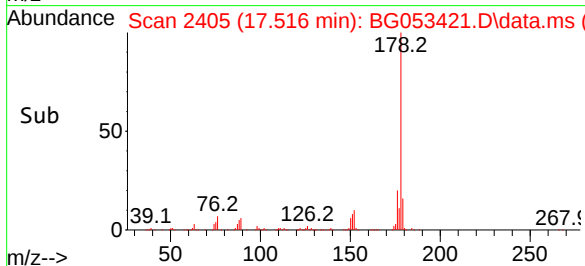
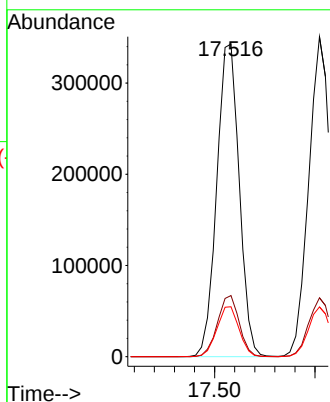
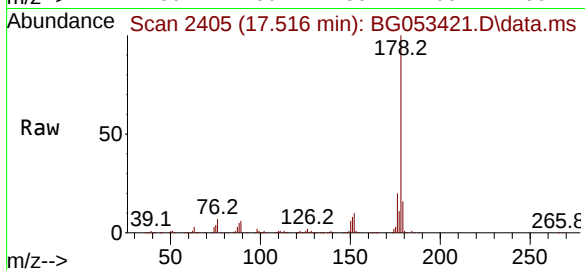
Tgt Ion:178 Resp: 531929

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

179 16.0 13.4 20.2



#72

Anthracene

Concen: 59.475 ng

RT: 17.604 min Scan# 2420

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

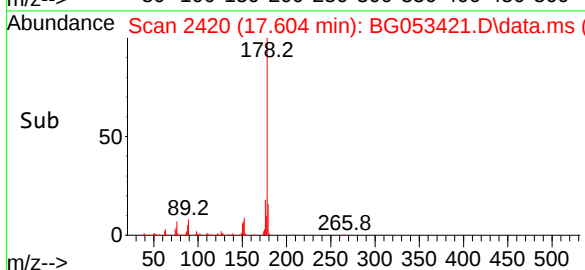
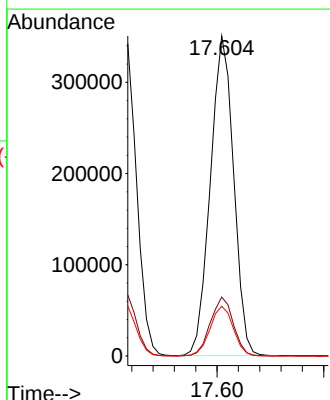
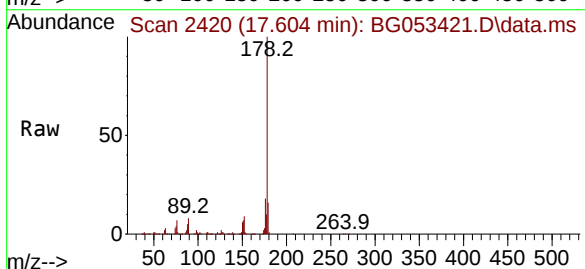
Tgt Ion:178 Resp: 530952

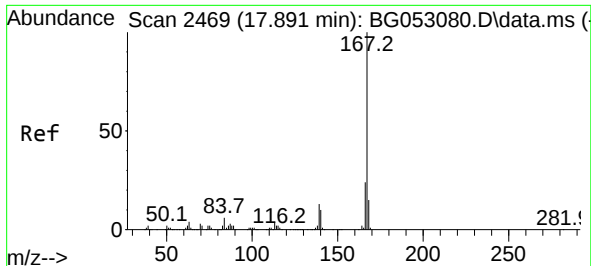
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.5 13.2 19.8

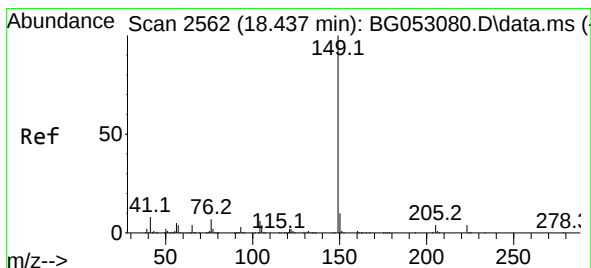
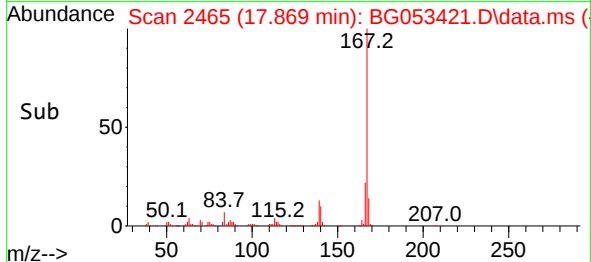
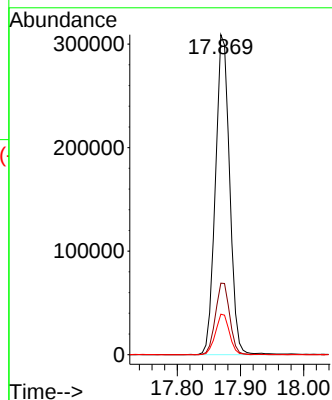
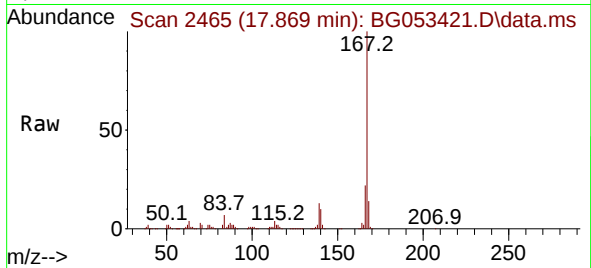




#73
 Carbazole
 Concen: 55.666 ng
 RT: 17.869 min Scan# 24
 Delta R.T. -0.002 min
 Lab File: BG053421.D
 Acq: 3 May 2022 17:31

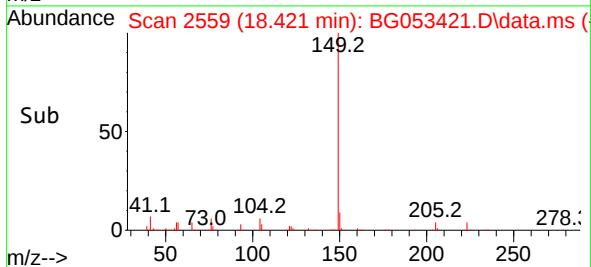
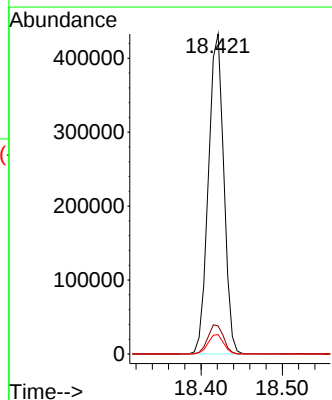
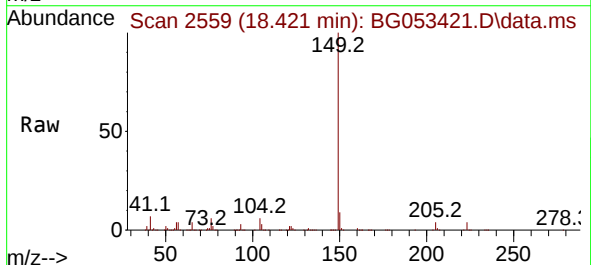
Instrument :
 BNA_G
 ClientSampleId :
 TP-21MSD

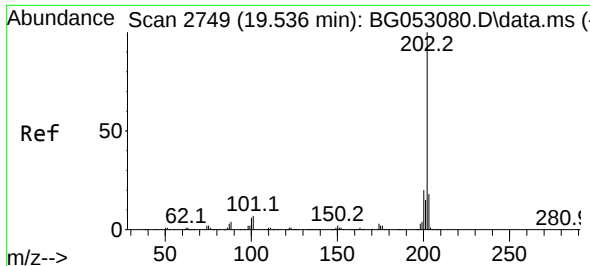
Tgt Ion:167 Resp: 483062
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.5 27.7
 139 12.6 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 57.716 ng
 RT: 18.421 min Scan# 2559
 Delta R.T. 0.004 min
 Lab File: BG053421.D
 Acq: 3 May 2022 17:31

Tgt Ion:149 Resp: 568038
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.0 10.6
 104 6.0 4.6 7.0

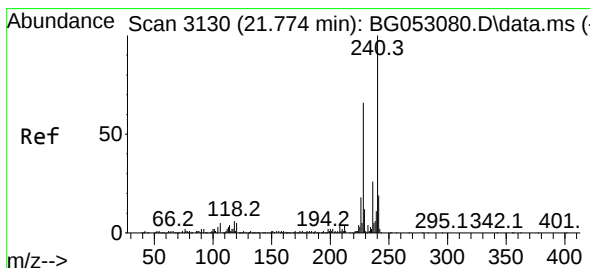
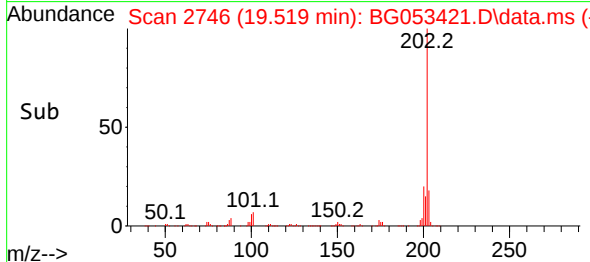
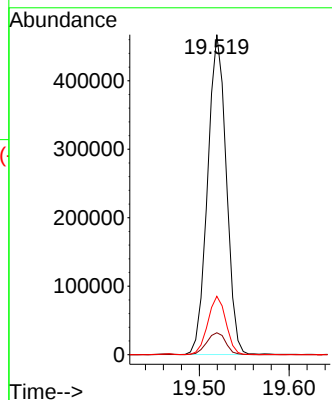
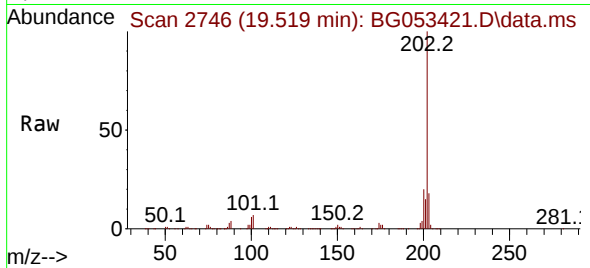




#75
Fluoranthene
Concen: 58.306 ng
RT: 19.519 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

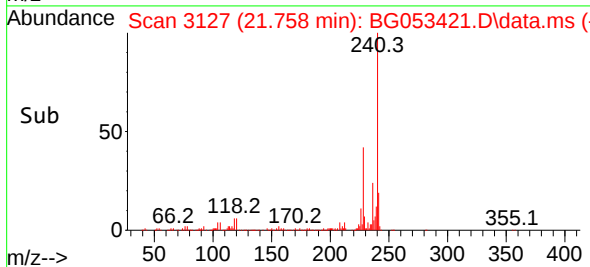
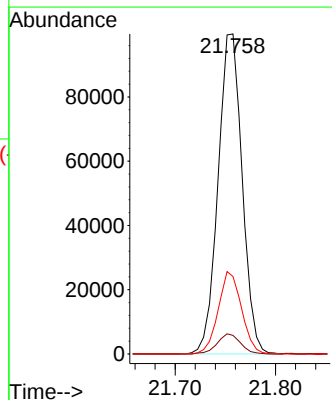
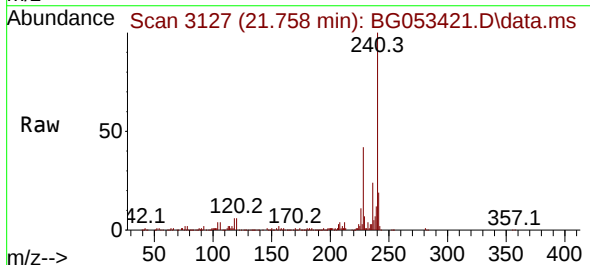
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

Tgt Ion:202 Resp: 673483
Ion Ratio Lower Upper
202 100
101 6.9 0.0 27.3
203 18.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.758 min Scan# 3127
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:240 Resp: 166118
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 24.2 19.8 29.6

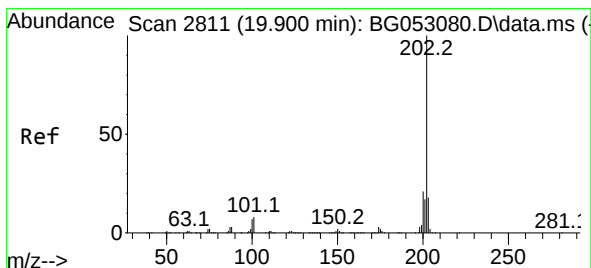
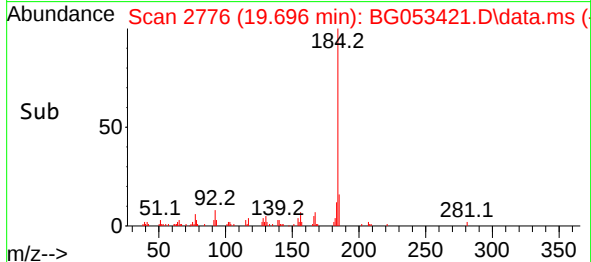
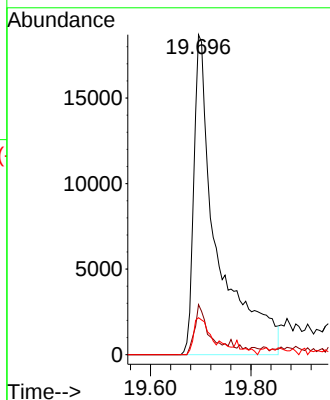
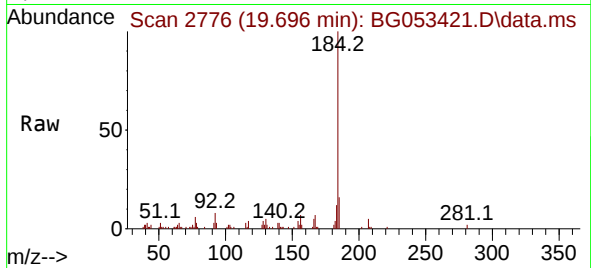




#77
Benzidine
Concen: 12.757 ng
RT: 19.696 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

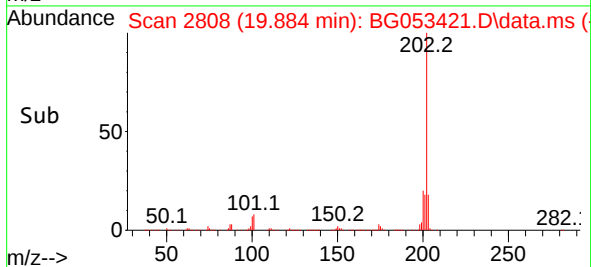
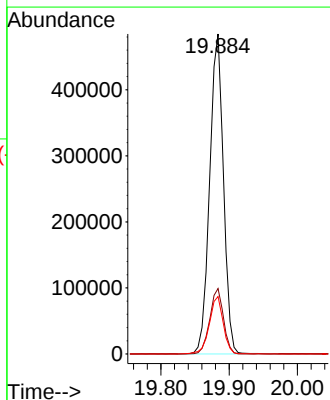
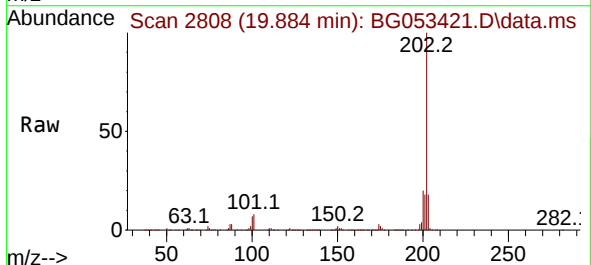
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

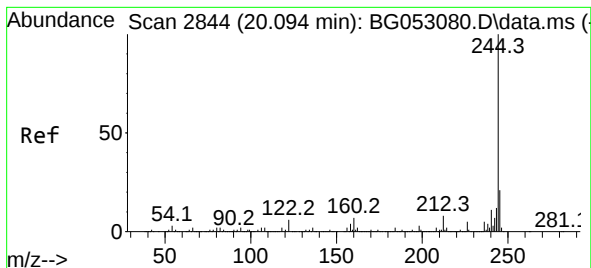
Tgt Ion:184 Resp: 60464
Ion Ratio Lower Upper
184 100
185 15.6 11.5 17.3
183 11.6 9.4 14.2



#78
Pyrene
Concen: 57.641 ng
RT: 19.884 min Scan# 2808
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:202 Resp: 681948
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.6
203 18.0 15.0 22.6





#79

Terphenyl-d14

Concen: 105.925 ng

RT: 20.072 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

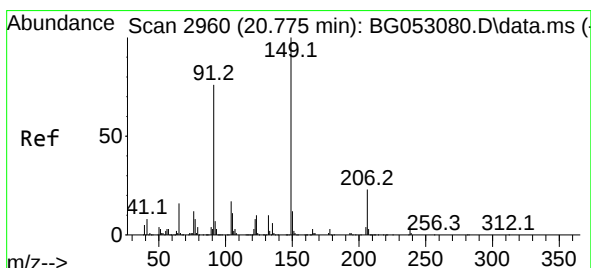
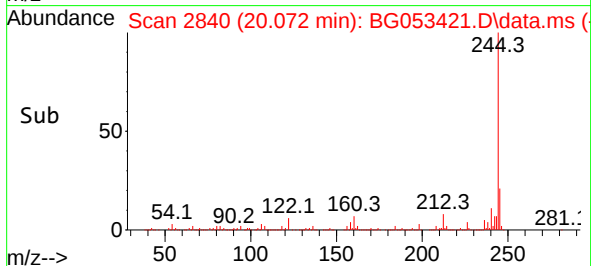
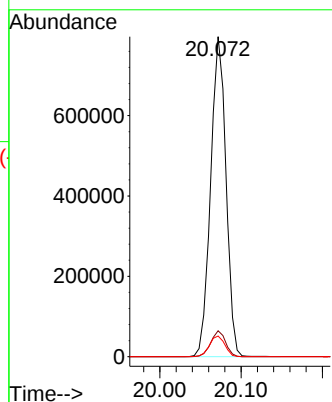
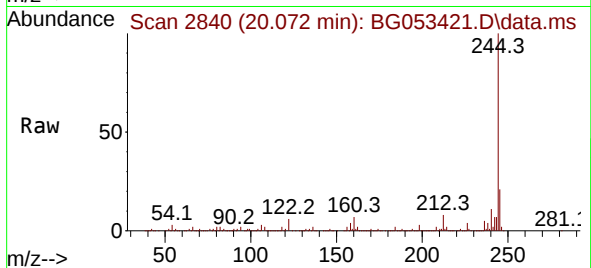
Tgt Ion:244 Resp: 1041864

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.2

122 6.5 5.8 8.6



#80

Butylbenzylphthalate

Concen: 57.897 ng

RT: 20.753 min Scan# 2956

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

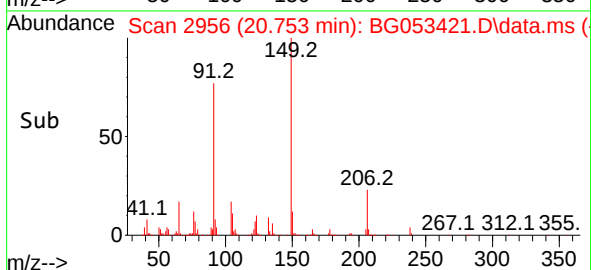
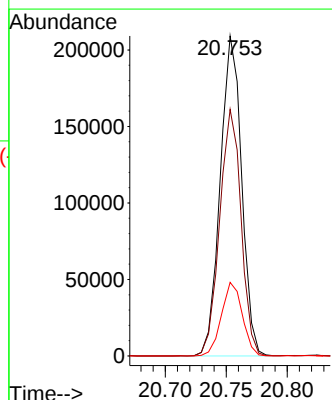
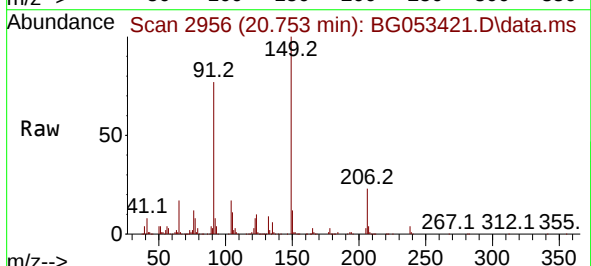
Tgt Ion:149 Resp: 255371

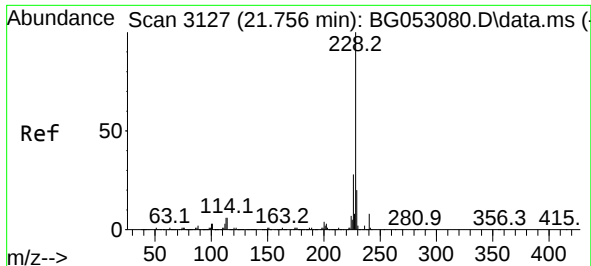
Ion Ratio Lower Upper

149 100

91 77.1 60.2 90.4

206 23.0 19.4 29.2

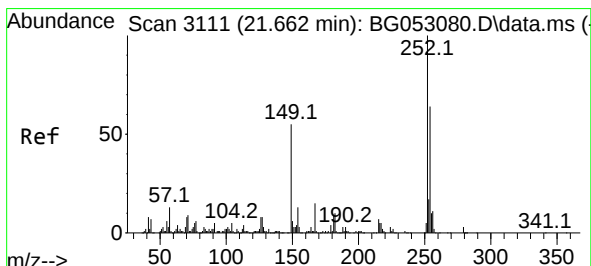
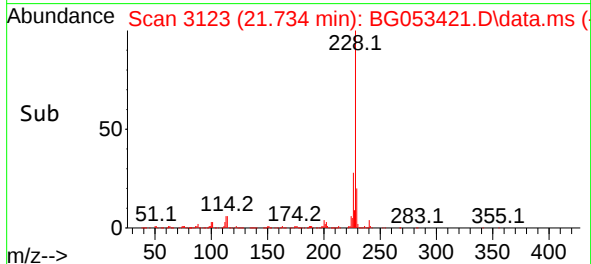
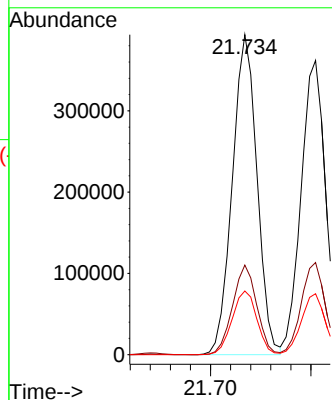
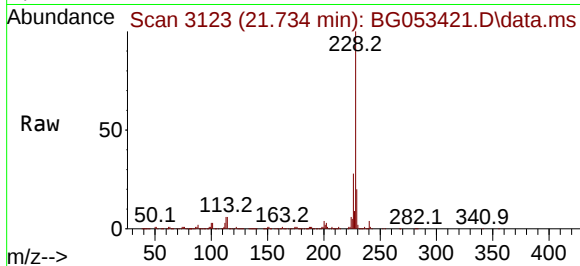




#81
Benzo(a)anthracene
Concen: 59.187 ng
RT: 21.734 min Scan# 3107
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

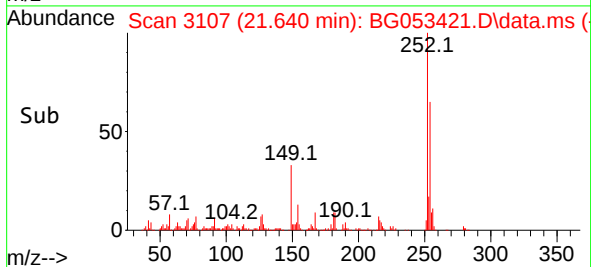
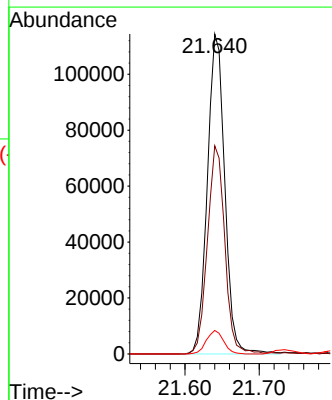
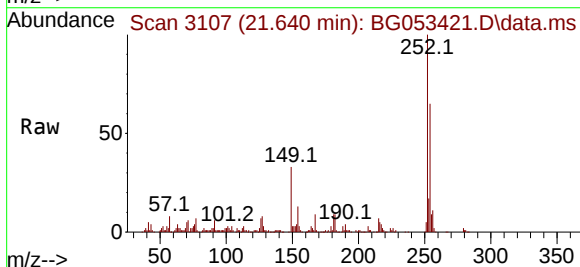
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

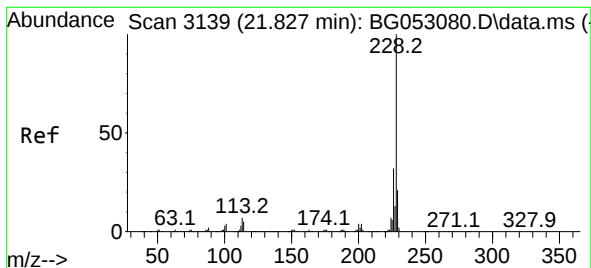
Tgt Ion:228 Resp: 672239
Ion Ratio Lower Upper
228 100
226 28.0 21.4 32.0
229 19.9 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 44.729 ng
RT: 21.640 min Scan# 3107
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:252 Resp: 186837
Ion Ratio Lower Upper
252 100
254 65.0 51.2 76.8
126 7.4 5.8 8.8





#83

Chrysene

Concen: 57.944 ng

RT: 21.805 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

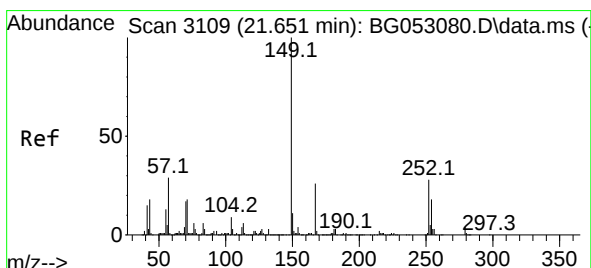
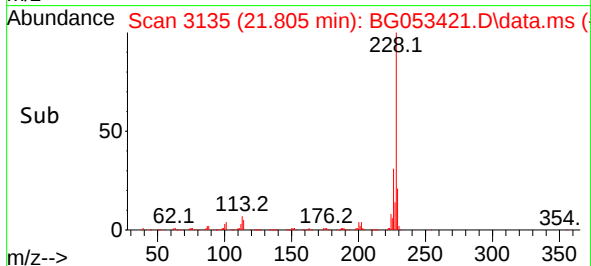
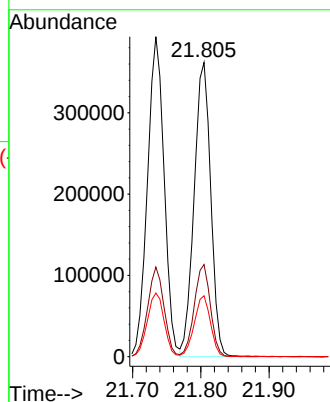
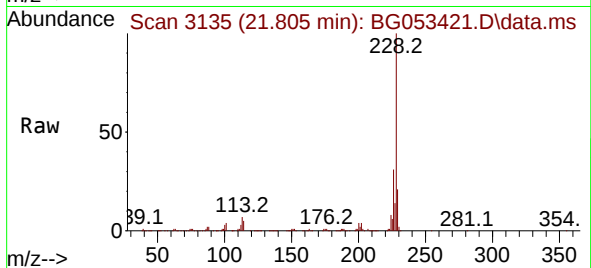
Tgt Ion:228 Resp: 610784

Ion Ratio Lower Upper

228 100

226 31.3 24.2 36.4

229 20.7 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.656 ng

RT: 21.622 min Scan# 3104

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

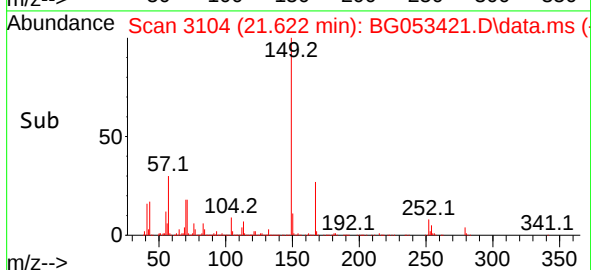
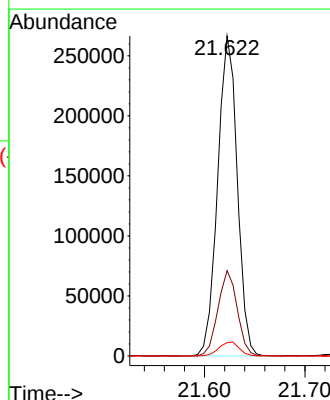
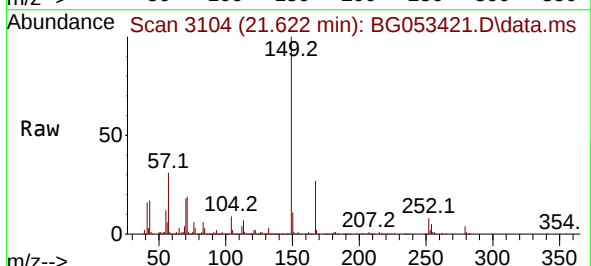
Tgt Ion:149 Resp: 361637

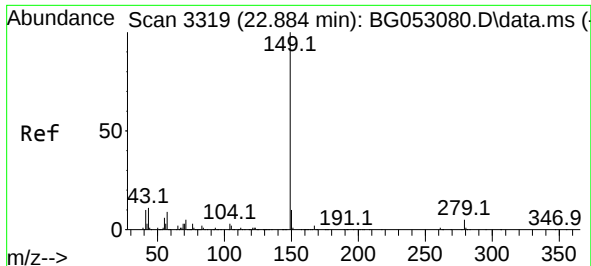
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.2

279 4.2 3.8 5.8

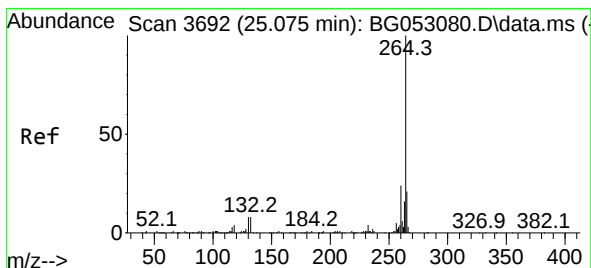
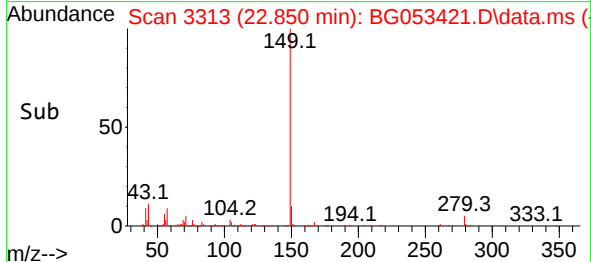
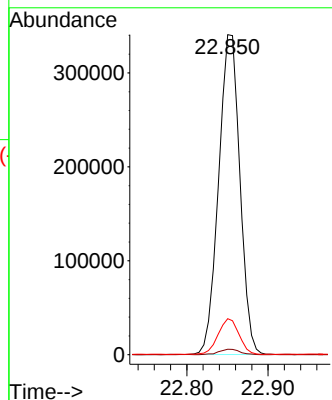
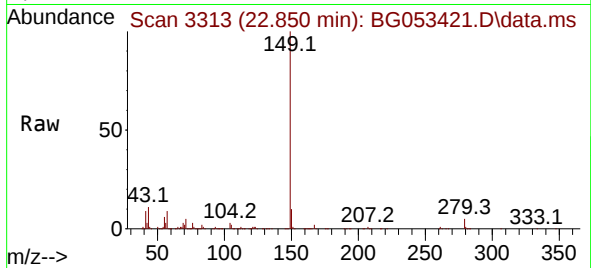




#85
Di-n-octyl phthalate
Concen: 62.210 ng
RT: 22.850 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

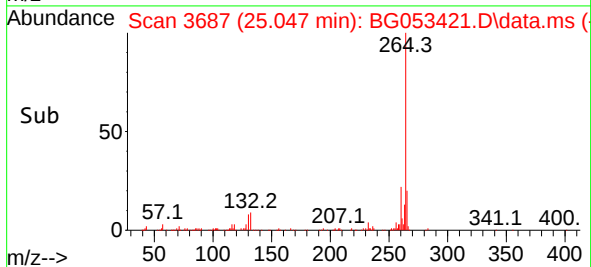
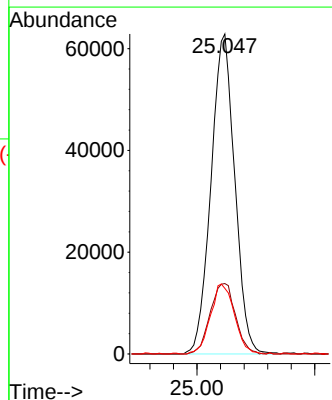
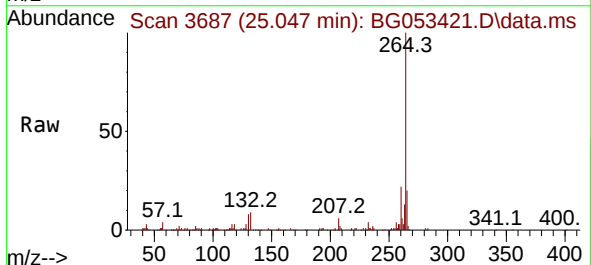
Instrument :
BNA_G
ClientSampleId :
TP-21MSD

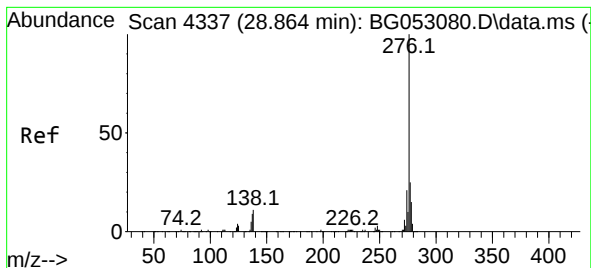
Tgt Ion:149 Resp: 620315
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.9 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.047 min Scan# 3687
Delta R.T. 0.004 min
Lab File: BG053421.D
Acq: 3 May 2022 17:31

Tgt Ion:264 Resp: 175856
Ion Ratio Lower Upper
264 100
260 22.0 18.2 27.2
265 20.5 15.1 22.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.621 ng

RT: 28.830 min Scan# 41

Delta R.T. 0.015 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

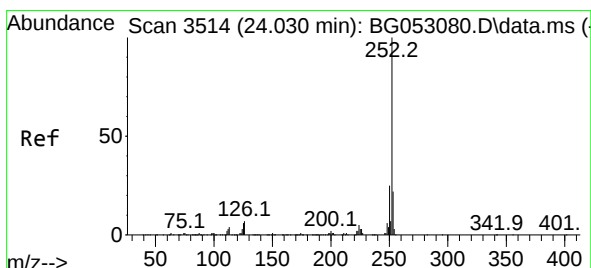
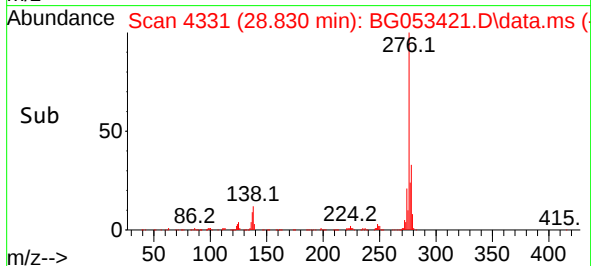
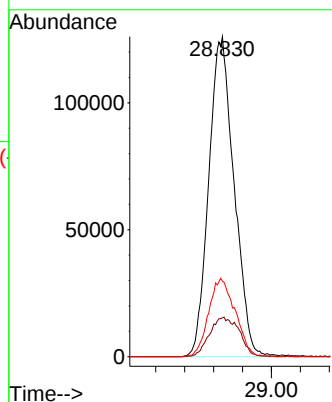
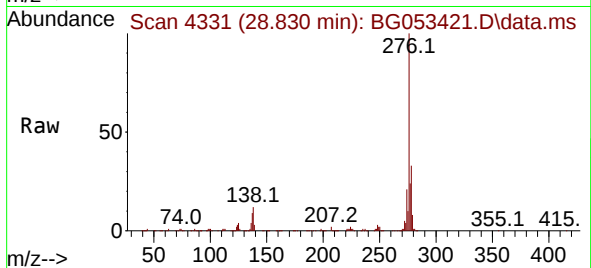
Tgt Ion:276 Resp: 765886

Ion Ratio Lower Upper

276 100

138 14.5 8.7 13.1#

277 25.6 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 58.600 ng

RT: 24.072 min Scan# 3521

Delta R.T. 0.068 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

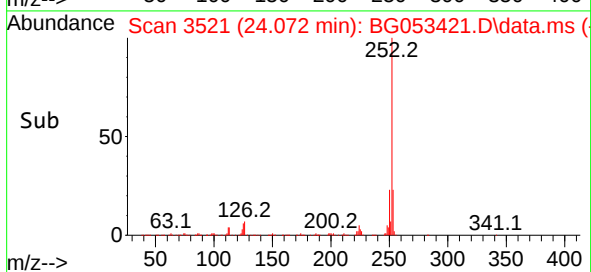
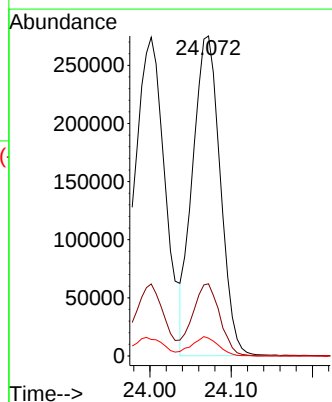
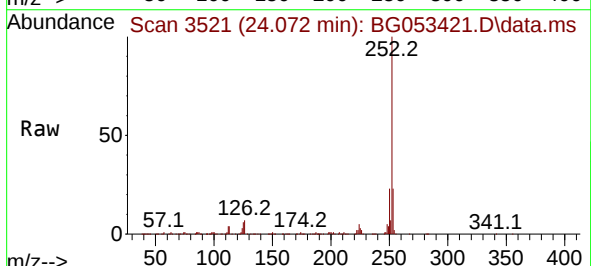
Tgt Ion:252 Resp: 650196

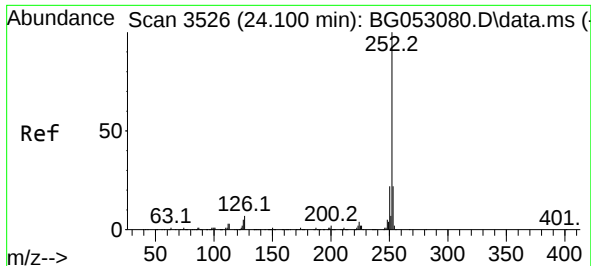
Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 5.6 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 59.625 ng

RT: 24.072 min Scan# 3

Delta R.T. 0.004 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

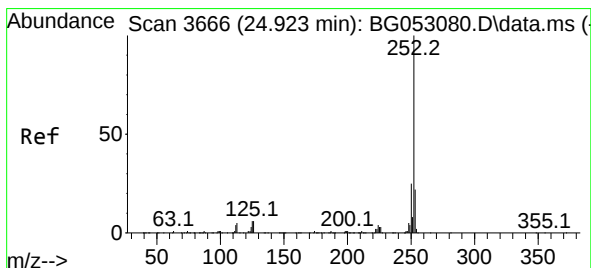
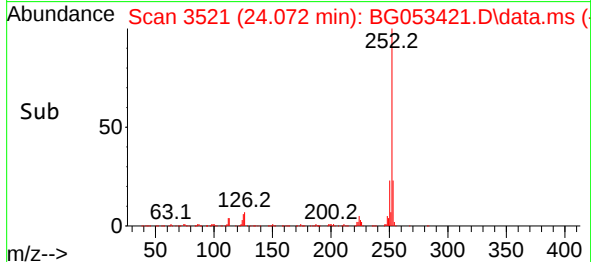
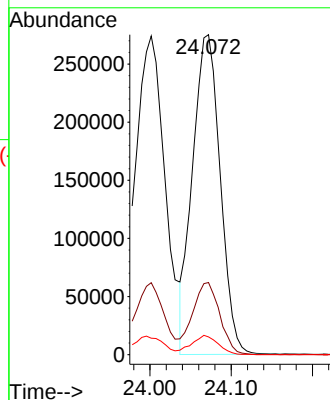
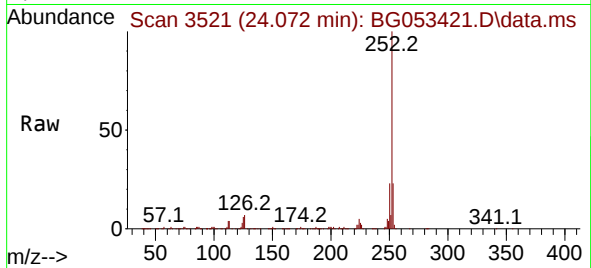
Tgt Ion:252 Resp: 650196

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 5.6 5.0 7.4



#90

Benzo(a)pyrene

Concen: 71.001 ng

RT: 24.889 min Scan# 3660

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

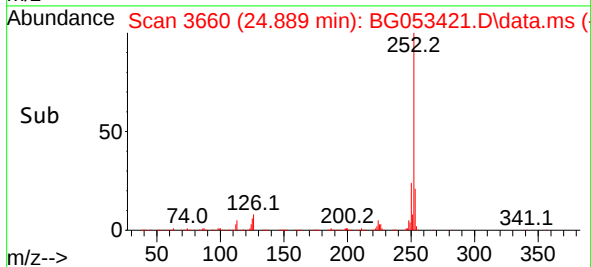
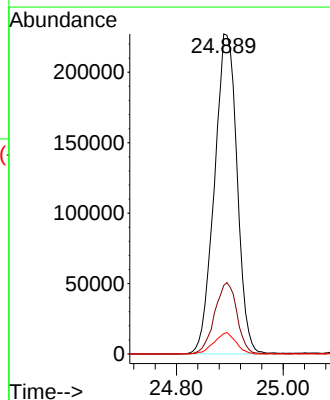
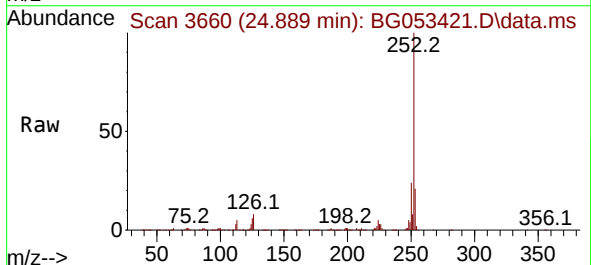
Tgt Ion:252 Resp: 671130

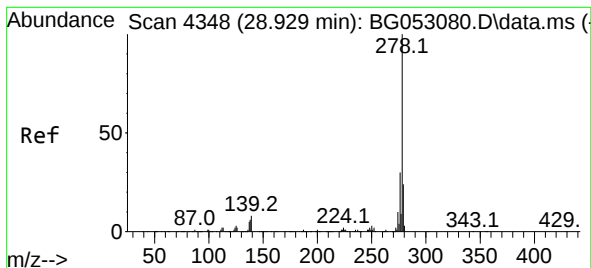
Ion Ratio Lower Upper

252 100

253 21.4 18.4 27.6

125 6.3 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 61.140 ng

RT: 28.883 min Scan# 41

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

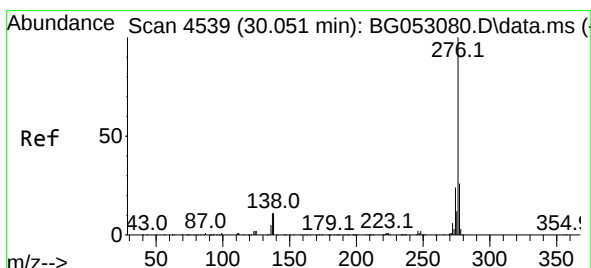
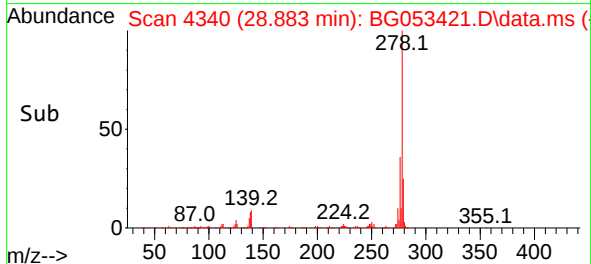
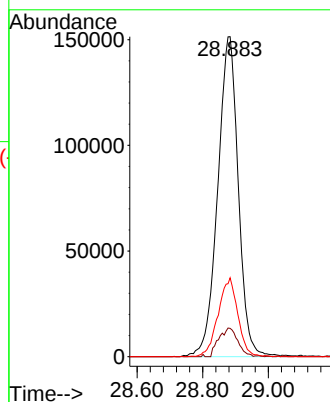
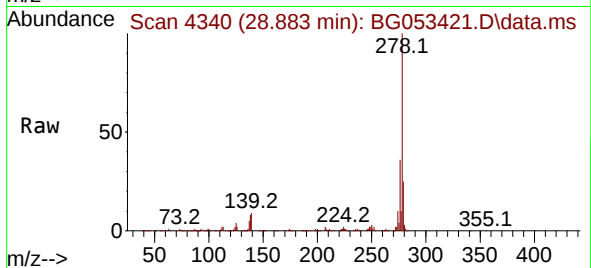
Tgt Ion:278 Resp: 657456

Ion Ratio Lower Upper

278 100

139 8.9 7.8 11.6

279 24.6 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 62.042 ng

RT: 30.005 min Scan# 4531

Delta R.T. -0.002 min

Lab File: BG053421.D

Acq: 3 May 2022 17:31

Tgt Ion:276 Resp: 657570

Ion Ratio Lower Upper

276 100

277 24.1 18.2 27.2

138 12.7 9.1 13.7

