

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053331.D
 Acq On : 26 Apr 2022 22:06
 Operator : CG/JU
 Sample : N2481-12MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-30MSD

Quant Time: Apr 27 03:38:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	23391	20.000	ng	0.00
21) Naphthalene-d8	10.918	136	94131	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	75977	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	191888	20.000	ng	0.00
76) Chrysene-d12	21.763	240	197843	20.000	ng	0.00
86) Perylene-d12	25.052	264	205301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	109123	79.970	ng	0.00
7) Phenol-d6	7.270	99	109428	52.002	ng	0.00
23) Nitrobenzene-d5	9.268	82	188981	81.517	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	151102	125.005	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	445546	80.862	ng	0.00
79) Terphenyl-d14	20.077	244	935413	79.852	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.552	88	16159	24.797	ng	# 88
3) Pyridine	3.957	79	25904	15.072	ng	# 88
4) n-Nitrosodimethylamine	3.863	42	23128	27.174	ng	90
6) Aniline	7.423	93	54673	22.419	ng	93
8) 2-Chlorophenol	7.670	128	60949	41.373	ng	96
9) Benzaldehyde	7.241	77	63067	50.139	ng	92
10) Phenol	7.294	94	43651	20.840	ng	91
11) bis(2-Chloroethyl)ether	7.517	93	68218	45.180	ng	96
12) 1,3-Dichlorobenzene	7.999	146	74765	43.675	ng	97
13) 1,4-Dichlorobenzene	8.140	146	76555	43.866	ng	97
14) 1,2-Dichlorobenzene	8.463	146	72903	43.319	ng	98
15) Benzyl Alcohol	8.340	79	66918	35.777	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.627	45	105998	42.049	ng	99
17) 2-Methylphenol	8.545	107	53013	37.401	ng	95
18) Hexachloroethane	9.191	117	27463	41.964	ng	93
19) n-Nitroso-di-n-propyla...	8.903	70	67995	44.136	ng	# 97
20) 3+4-Methylphenols	8.874	107	67209	33.589	ng	99
22) Acetophenone	8.927	105	115086	44.070	ng	# 96
24) Nitrobenzene	9.309	77	100667	44.643	ng	# 89
25) Isophorone	9.832	82	189464	48.082	ng	97
26) 2-Nitrophenol	10.025	139	40939	43.417	ng	95
27) 2,4-Dimethylphenol	10.084	122	65952	48.838	ng	94
28) bis(2-Chloroethoxy)met...	10.307	93	97029	43.830	ng	98
29) 2,4-Dichlorophenol	10.566	162	78367	46.161	ng	95
30) 1,2,4-Trichlorobenzene	10.777	180	81680	42.510	ng	98
31) Naphthalene	10.965	128	220728	43.952	ng	99
32) Benzoic acid	10.225	122	14581	18.965	ng	90
33) 4-Chloroaniline	11.071	127	46469	21.607	ng	96
34) Hexachlorobutadiene	11.253	225	57857	40.536	ng	97
35) Caprolactam	11.841	113	9524	15.916	ng	# 89
36) 4-Chloro-3-methylphenol	12.193	107	89119	45.090	ng	92
37) 2-Methylnaphthalene	12.563	142	167058	44.955	ng	95
38) 1-Methylnaphthalene	12.786	142	163004	44.938	ng	92
40) 1,2,4,5-Tetrachloroben...	12.933	216	106920	41.434	ng	98
41) Hexachlorocyclopentadiene	12.916	237	98365	73.843	ng	94
43) 2,4,6-Trichlorophenol	13.168	196	74608	41.935	ng	98

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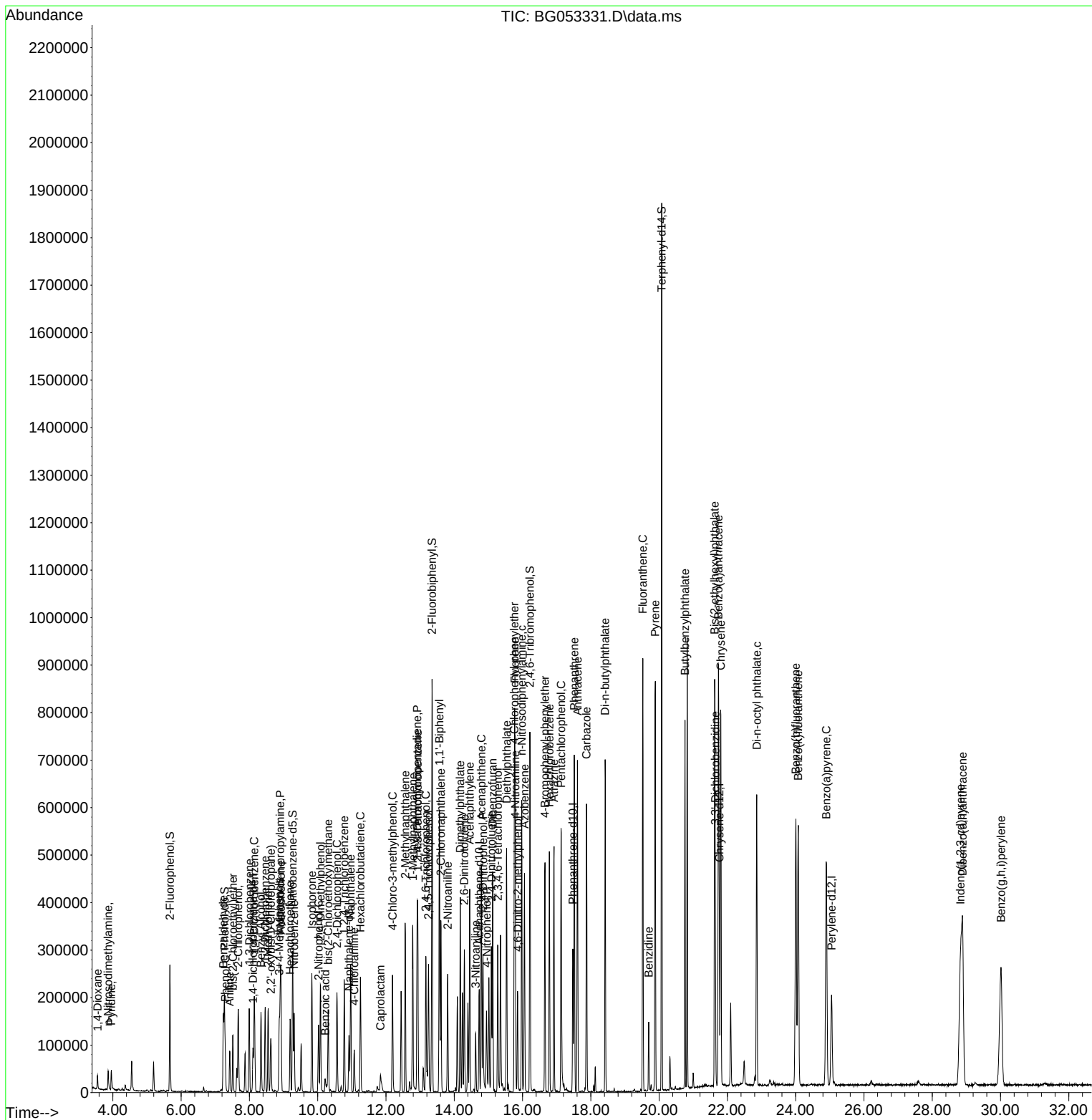
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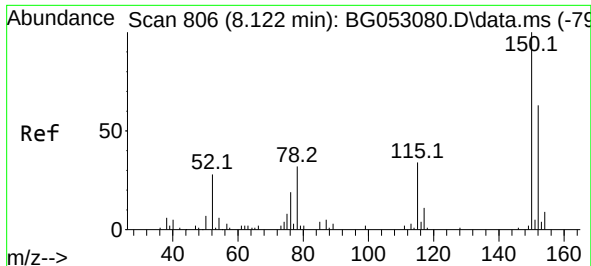
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	79726	42.052	ng	94
46) 1,1'-Biphenyl	13.568	154	235105	42.970	ng	97
47) 2-Chloronaphthalene	13.609	162	179024	41.012	ng	93
48) 2-Nitroaniline	13.809	65	74782	45.142	ng	94
49) Acenaphthylene	14.455	152	316318	46.291	ng	98
50) Dimethylphthalate	14.179	163	268243	44.141	ng	98
51) 2,6-Dinitrotoluene	14.296	165	58869	46.435	ng	# 83
52) Acenaphthene	14.796	154	176268	38.038	ng	94
53) 3-Nitroaniline	14.631	138	29671	22.134	ng	92
54) 2,4-Dinitrophenol	14.842	184	68302	84.673	ng	90
55) Dibenzofuran	15.124	168	309717	42.684	ng	96
56) 4-Nitrophenol	14.948	139	42355	41.428	ng	83
57) 2,4-Dinitrotoluene	15.089	165	84357	46.738	ng	93
58) Fluorene	15.777	166	255480	43.594	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.277	232	78774	42.785	ng	92
60) Diethylphthalate	15.536	149	293189	46.048	ng	98
61) 4-Chlorophenyl-phenyle...	15.759	204	141901	42.714	ng	96
62) 4-Nitroaniline	15.788	138	59205	41.854	ng	# 80
63) Azobenzene	16.058	77	278061	43.316	ng	98
65) 4,6-Dinitro-2-methylph...	15.859	198	51602	38.545	ng	98
66) n-Nitrosodiphenylamine	15.976	169	232156	42.072	ng	97
67) 4-Bromophenyl-phenylether	16.658	248	101805	41.405	ng	97
68) Hexachlorobenzene	16.787	284	111821	41.995	ng	# 92
69) Atrazine	16.922	200	103183	47.870	ng	97
70) Pentachlorophenol	17.134	266	126373	86.840	ng	92
71) Phenanthrene	17.515	178	456071	43.513	ng	98
72) Anthracene	17.609	178	450927	43.426	ng	98
73) Carbazole	17.874	167	424222	42.029	ng	99
74) Di-n-butylphthalate	18.420	149	497192	43.432	ng	99
75) Fluoranthene	19.524	202	596404	44.391	ng	99
77) Benzidine	19.695	184	90308	15.999	ng	98
78) Pyrene	19.889	202	600018	42.583	ng	98
80) Butylbenzylphthalate	20.758	149	222650	42.384	ng	99
81) Benzo(a)anthracene	21.739	228	583990	43.172	ng	99
82) 3,3'-Dichlorobenzidine	21.645	252	129567	26.045	ng	95
83) Chrysene	21.810	228	531336	42.324	ng	99
84) Bis(2-ethylhexyl)phtha...	21.627	149	310894	43.784	ng	98
85) Di-n-octyl phthalate	22.861	149	528993	44.545	ng	97
87) Indeno(1,2,3-cd)pyrene	28.829	276	645391	42.313	ng	99
88) Benzo(b)fluoranthene	24.007	252	615968	47.553	ng	99
89) Benzo(k)fluoranthene	24.077	252	563009	44.225	ng	98
90) Benzo(a)pyrene	24.899	252	573902	52.007	ng	98
91) Dibenzo(a,h)anthracene	28.888	278	560525	44.650	ng	97
92) Benzo(g,h,i)perylene	30.016	276	562181	45.434	ng	97

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

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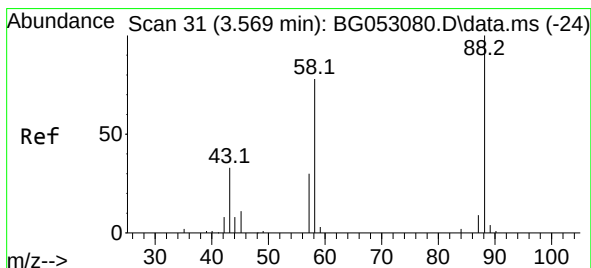
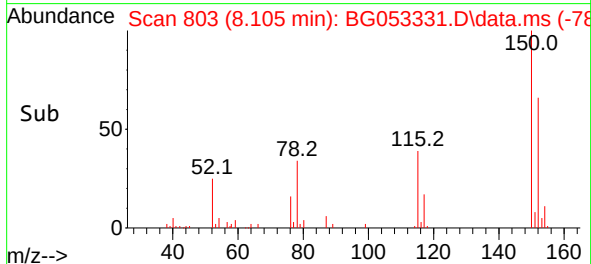
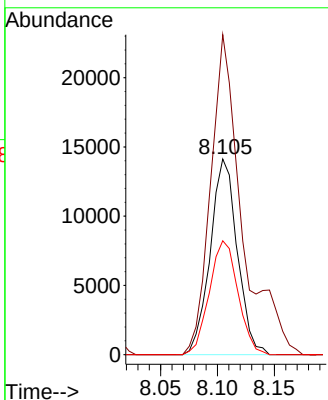
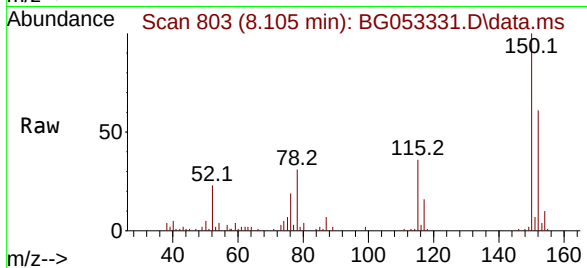




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.105 min Scan# 80
 Delta R.T. -0.008 min
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 Acq: 26 Apr 2022 22:06

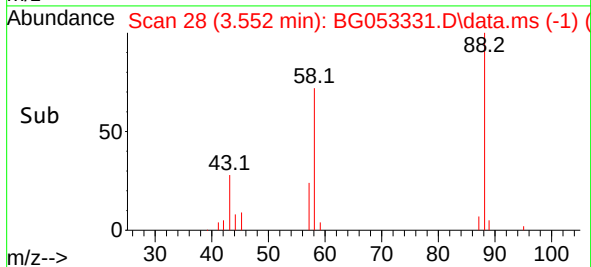
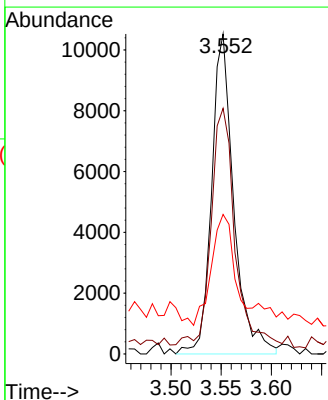
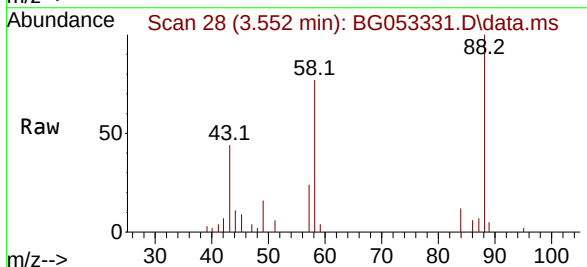
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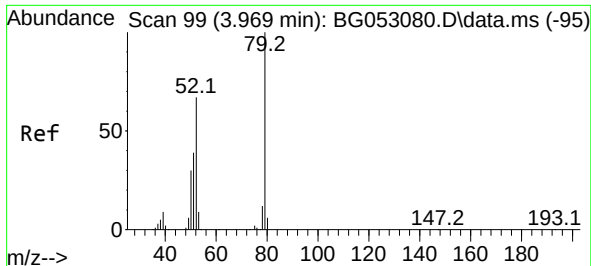
Tgt Ion:152 Resp: 23391
 Ion Ratio Lower Upper
 152 100
 150 163.5 114.6 172.0
 115 58.2 45.9 68.9



#2
 1,4-Dioxane
 Concen: 24.797 ng
 RT: 3.552 min Scan# 28
 Delta R.T. -0.003 min
 Lab File: BG053331.D
 Acq: 26 Apr 2022 22:06

Tgt Ion: 88 Resp: 16159
 Ion Ratio Lower Upper
 88 100
 58 82.6 58.2 87.2
 43 36.7 23.4 35.0#

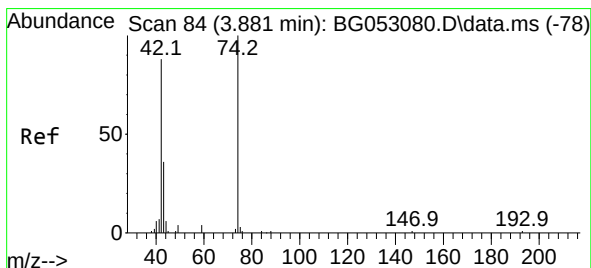
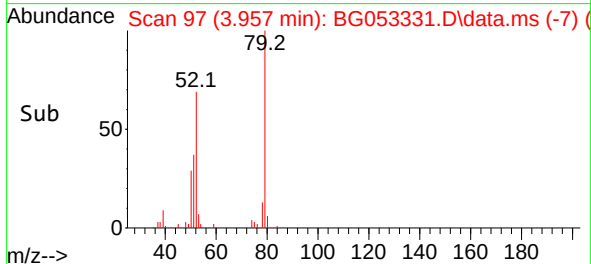
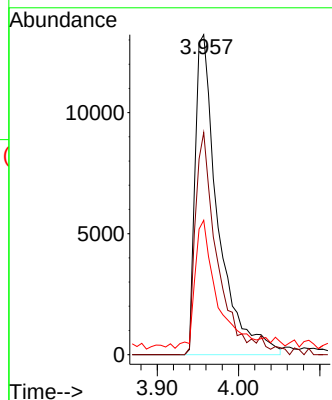
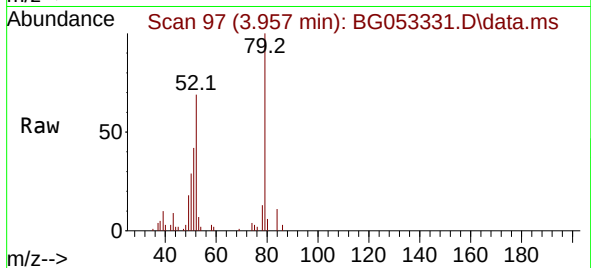




#3
 Pyridine
 Concen: 15.072 ng
 RT: 3.957 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: BG053331.D
 Acq: 26 Apr 2022 22:06

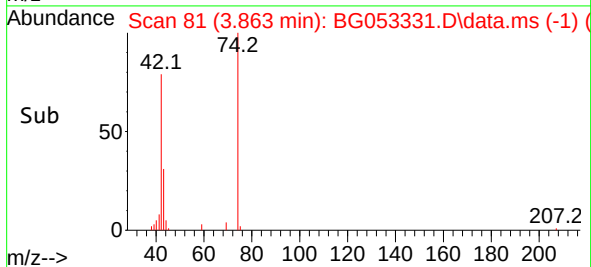
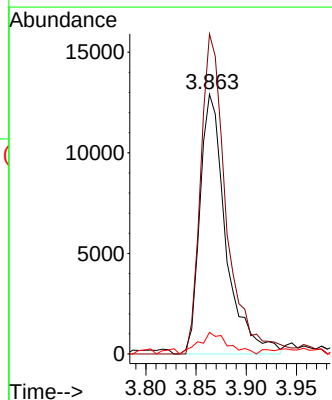
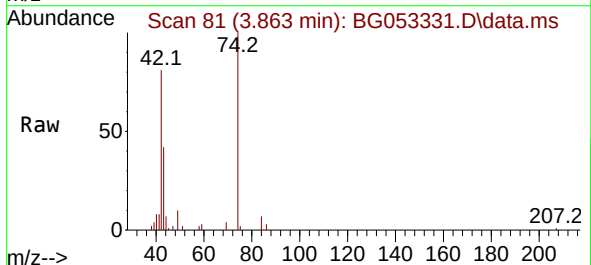
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 ClientSampleId :
 MW-30MSD

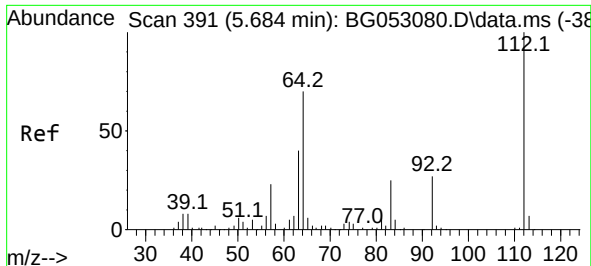
Tgt Ion: 79 Resp: 25904
 Ion Ratio Lower Upper
 79 100
 52 69.4 50.9 76.3
 51 42.0 24.4 36.6#



#4
 n-Nitrosodimethylamine
 Concen: 27.174 ng
 RT: 3.863 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG053331.D
 Acq: 26 Apr 2022 22:06

Tgt Ion: 42 Resp: 23128
 Ion Ratio Lower Upper
 42 100
 74 123.2 108.9 163.3
 44 8.3 5.7 8.5

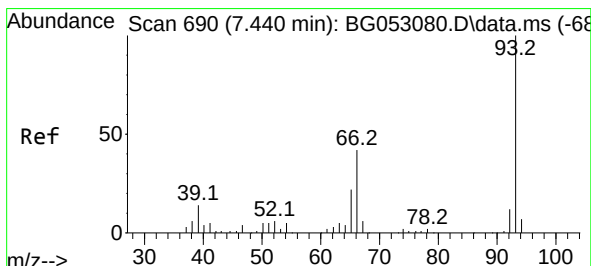
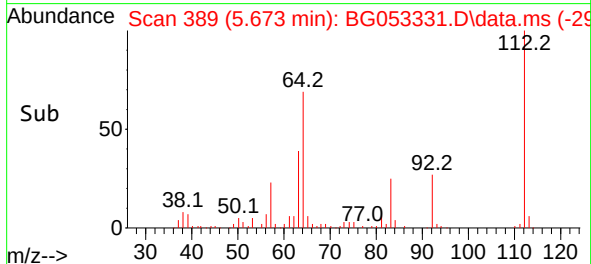
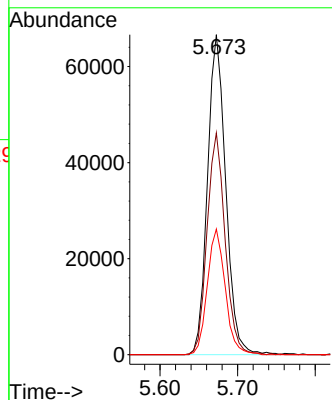
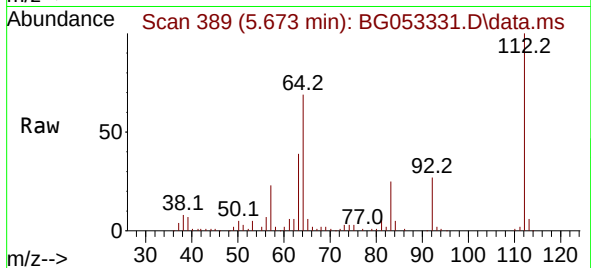




#5
2-Fluorophenol
Concen: 79.970 ng
RT: 5.673 min Scan# 311
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

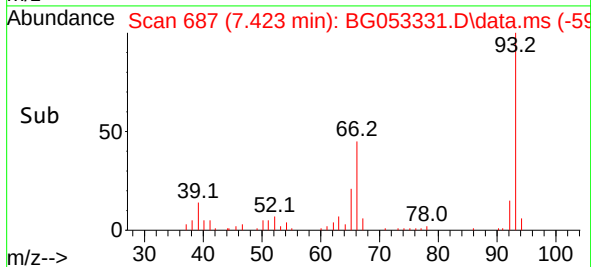
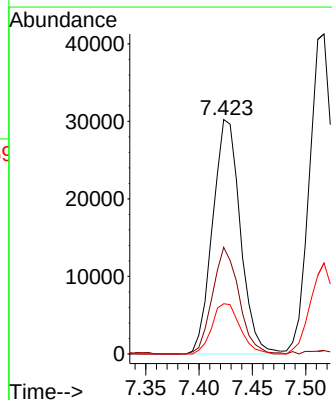
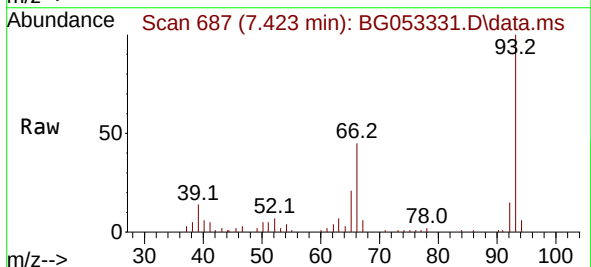
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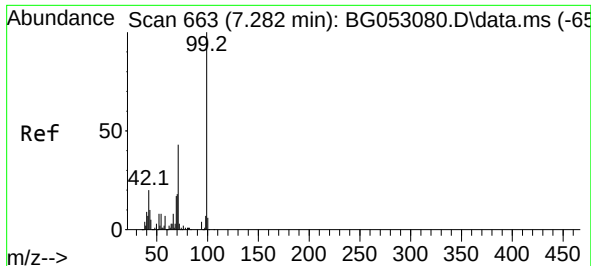
Tgt Ion:112 Resp: 109123
Ion Ratio Lower Upper
112 100
64 69.3 48.0 72.0
63 39.3 26.5 39.7



#6
Aniline
Concen: 22.419 ng
RT: 7.423 min Scan# 687
Delta R.T. -0.009 min
Lab File: BG053331.D
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Tgt Ion: 93 Resp: 54673
Ion Ratio Lower Upper
93 100
66 45.4 31.3 46.9
65 21.4 16.7 25.1

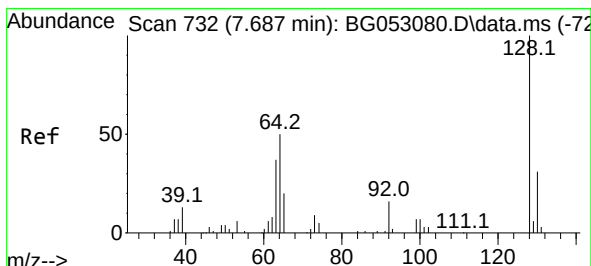
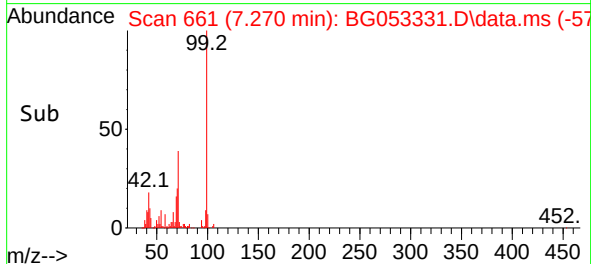
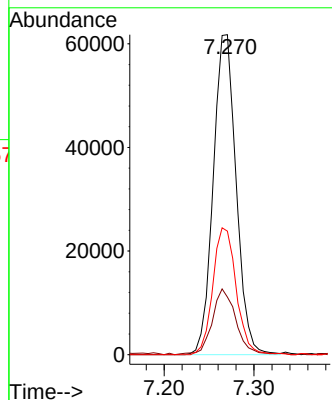
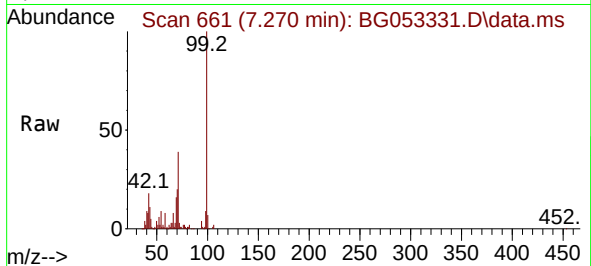




#7
Phenol-d6
Concen: 52.002 ng
RT: 7.270 min Scan# 610
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

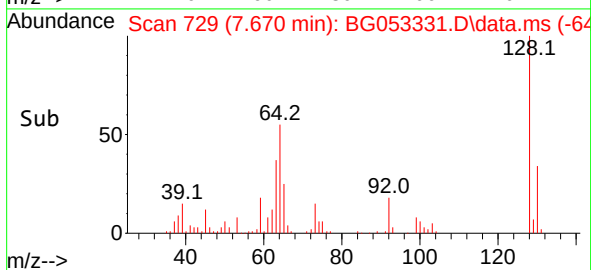
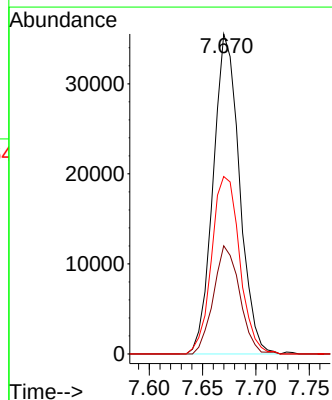
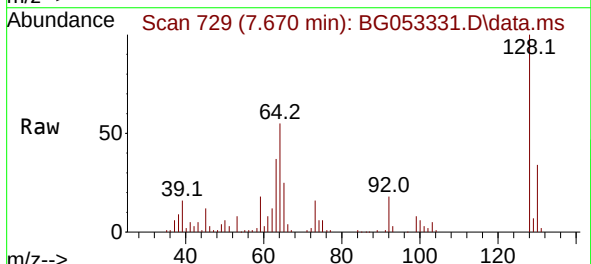
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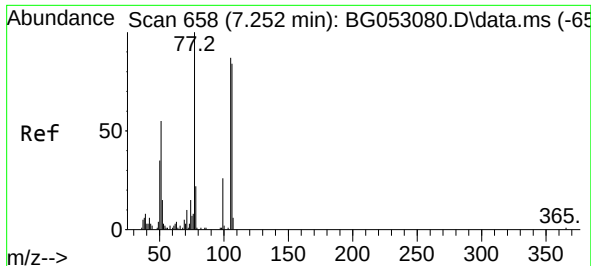
Tgt Ion: 99 Resp: 109428
Ion Ratio Lower Upper
99 100
42 18.0 14.7 22.1
71 38.6 29.2 43.8



#8
2-Chlorophenol
Concen: 41.373 ng
RT: 7.670 min Scan# 729
Delta R.T. -0.009 min
Lab File: BG053331.D
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Tgt Ion: 128 Resp: 60949
Ion Ratio Lower Upper
128 100
130 33.8 13.4 53.4
64 55.4 30.9 70.9

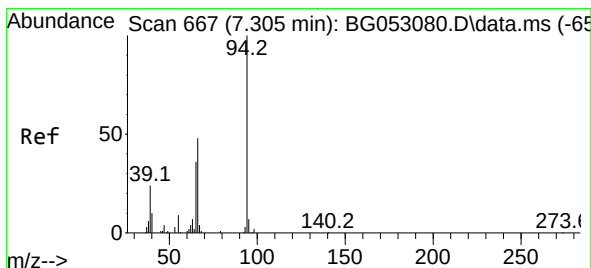
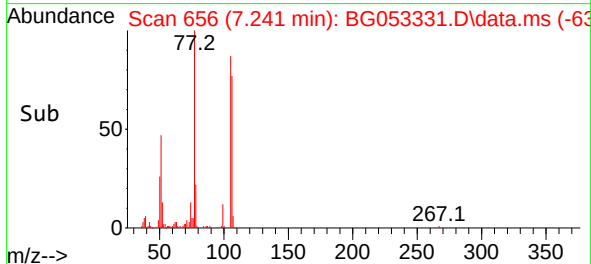
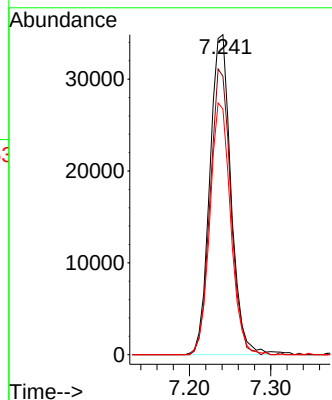
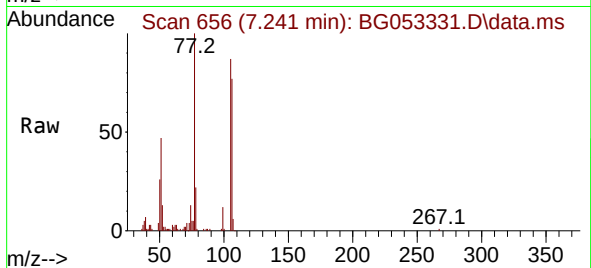




#9
Benzaldehyde
Concen: 50.139 ng
RT: 7.241 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053331.D
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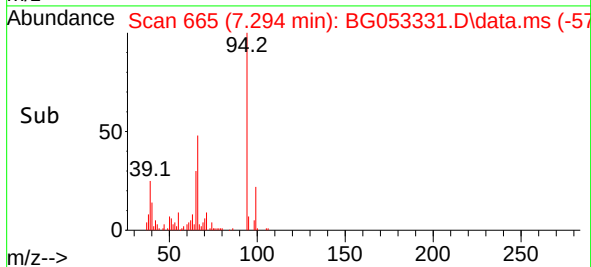
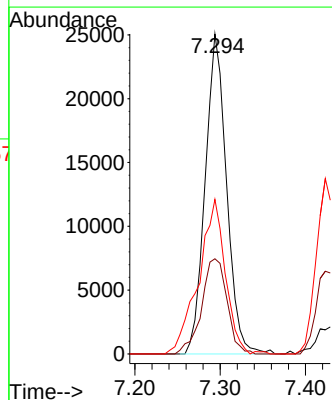
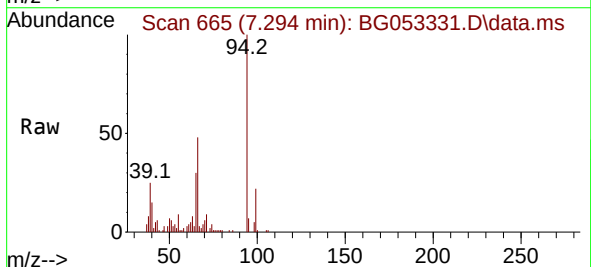
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ClientSampleId :
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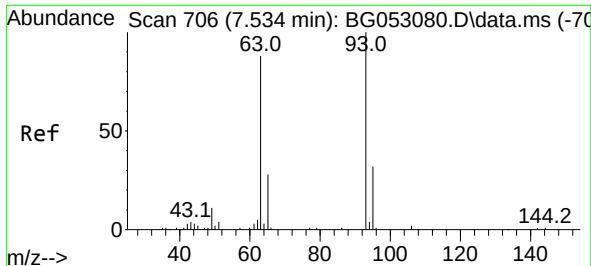
Tgt Ion: 77 Resp: 63067
Ion Ratio Lower Upper
77 100
105 87.0 70.6 110.6
106 76.7 67.6 107.6



#10
Phenol
Concen: 20.840 ng
RT: 7.294 min Scan# 665
Delta R.T. -0.003 min
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Tgt Ion: 94 Resp: 43651
Ion Ratio Lower Upper
94 100
65 29.7 11.1 51.1
66 48.3 20.0 60.0

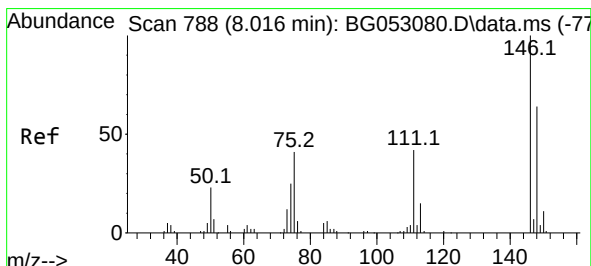
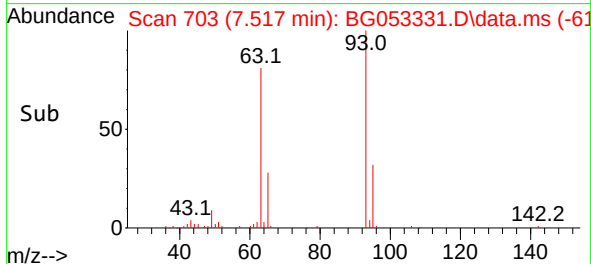
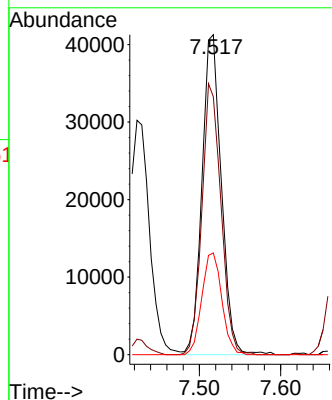
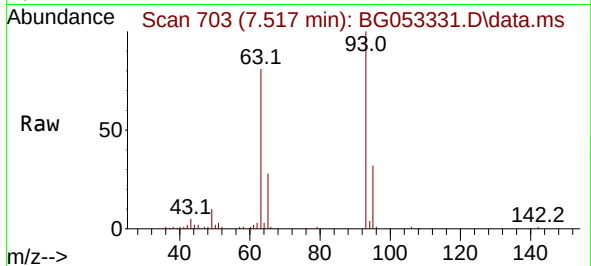




#11
bis(2-Chloroethyl)ether
Concen: 45.180 ng
RT: 7.517 min Scan# 706
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

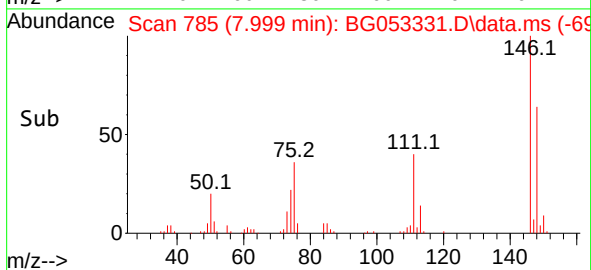
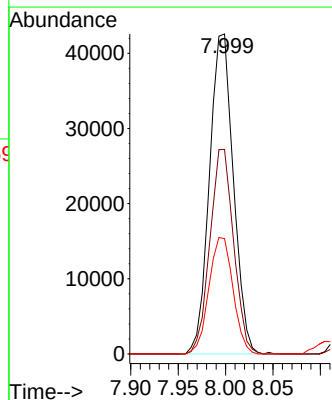
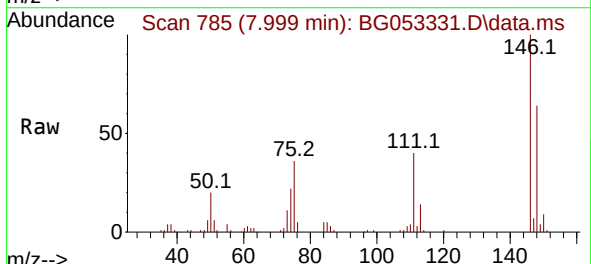
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

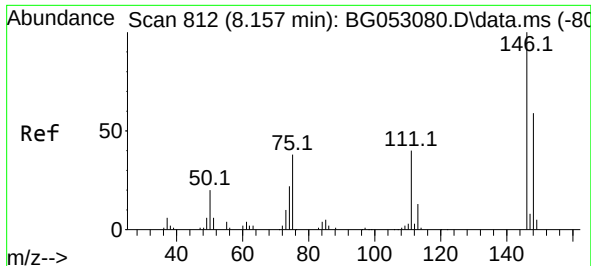
Tgt Ion: 93 Resp: 68218
Ion Ratio Lower Upper
93 100
63 80.6 56.9 96.9
95 31.8 14.5 54.5



#12
1,3-Dichlorobenzene
Concen: 43.675 ng
RT: 7.999 min Scan# 785
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion: 146 Resp: 74765
Ion Ratio Lower Upper
146 100
148 63.9 50.6 76.0
75 36.1 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 43.866 ng

RT: 8.140 min Scan# 809

Delta R.T. -0.009 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

Instrument :

BNA_G

ClientSampleId :

MW-30MSD

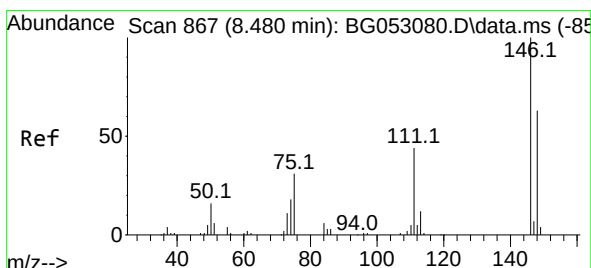
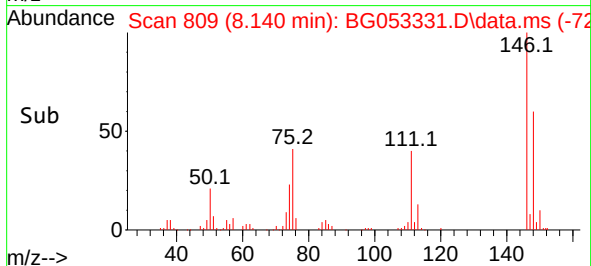
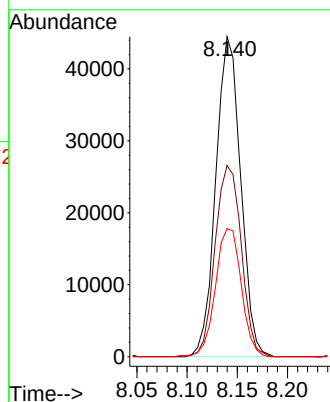
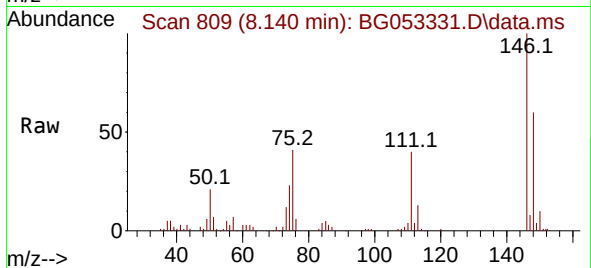
Tgt Ion:146 Resp: 76555

Ion Ratio Lower Upper

146 100

148 59.7 50.0 75.0

111 40.1 31.0 46.4



#14

1,2-Dichlorobenzene

Concen: 43.319 ng

RT: 8.463 min Scan# 864

Delta R.T. -0.009 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

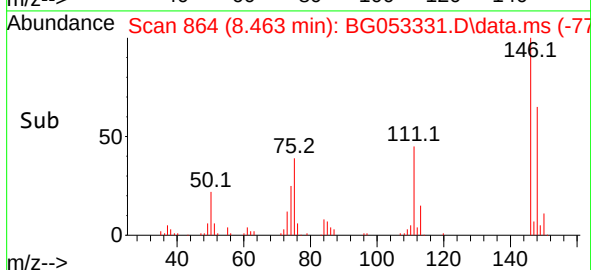
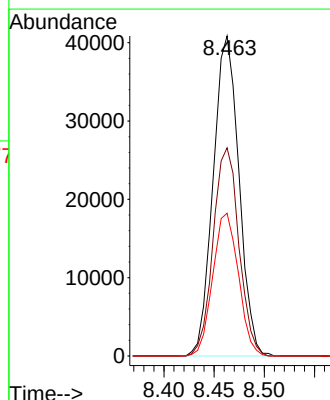
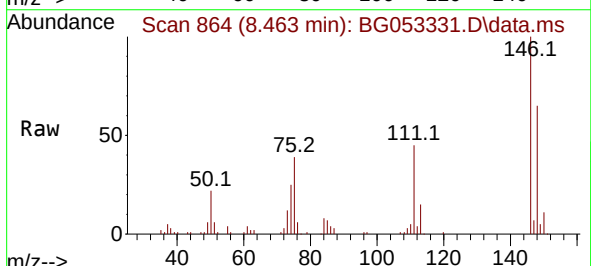
Tgt Ion:146 Resp: 72903

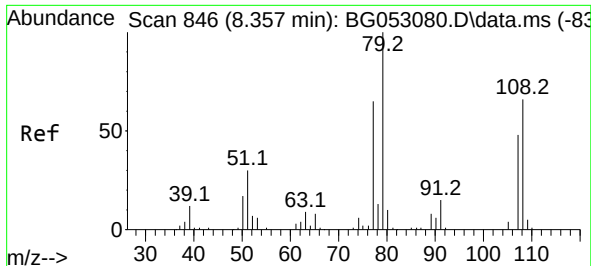
Ion Ratio Lower Upper

146 100

148 65.1 51.0 76.6

111 44.6 34.7 52.1

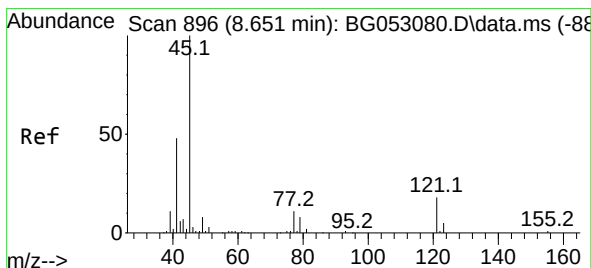
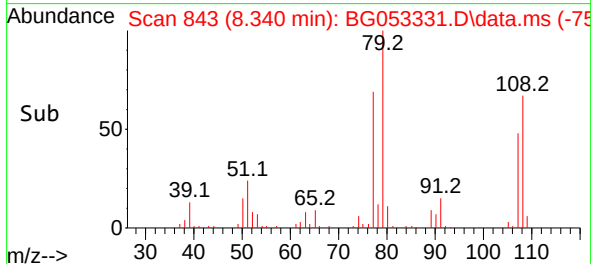
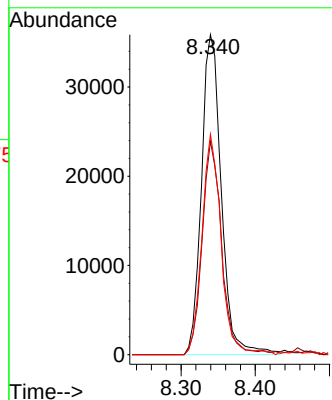
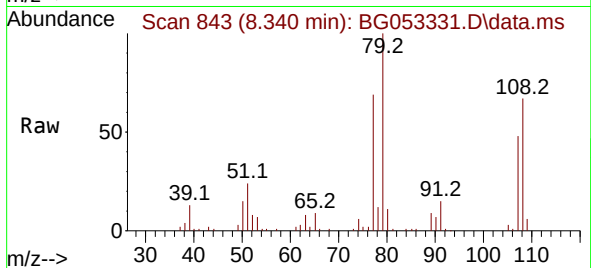




#15
Benzyl Alcohol
Concen: 35.777 ng
RT: 8.340 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

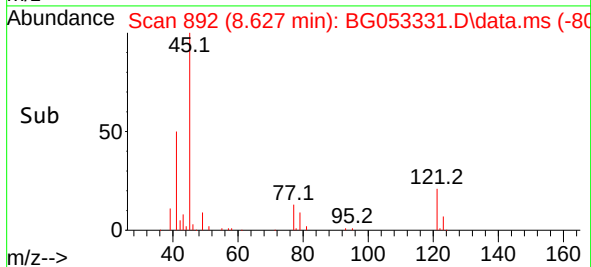
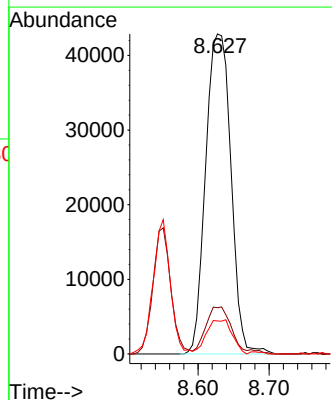
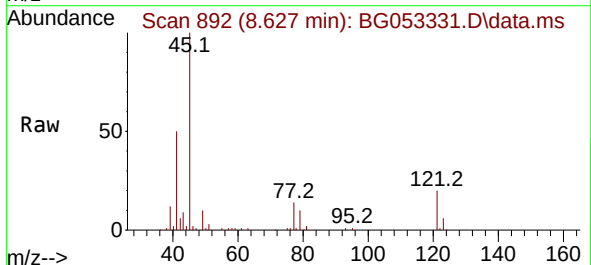
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

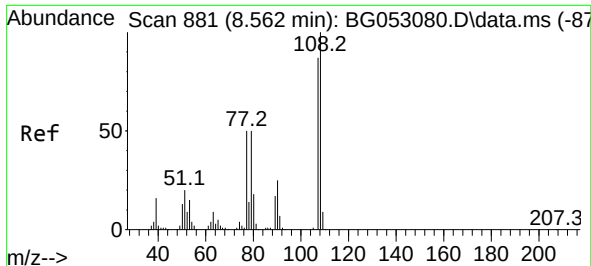
Tgt Ion: 79 Resp: 66918
Ion Ratio Lower Upper
79 100
108 66.6 55.1 82.7
77 68.9 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.049 ng
RT: 8.627 min Scan# 892
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion: 45 Resp: 105998
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.9
79 10.3 0.0 30.7

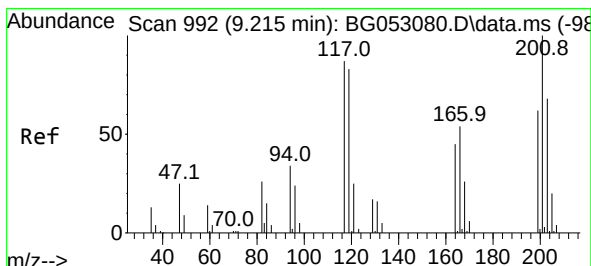
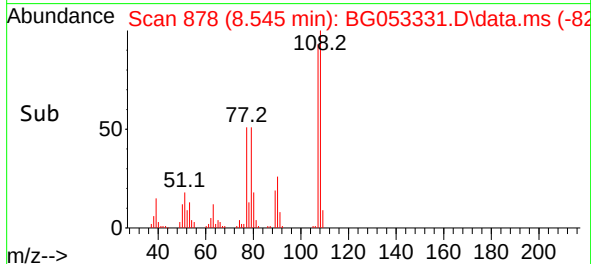
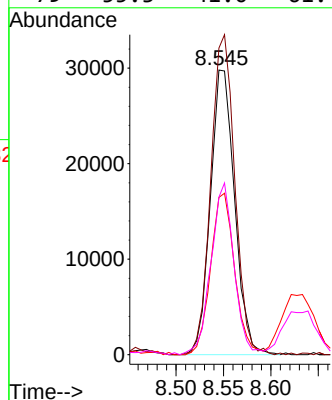
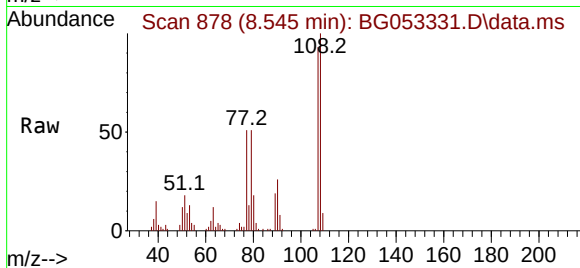




#17
2-Methylphenol
Concen: 37.401 ng
RT: 8.545 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

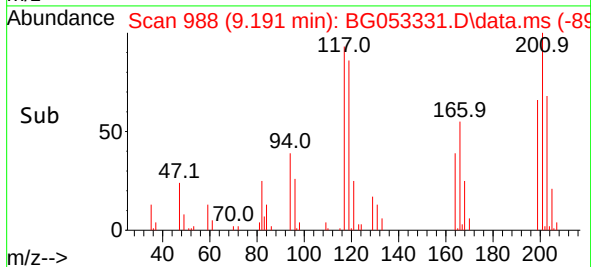
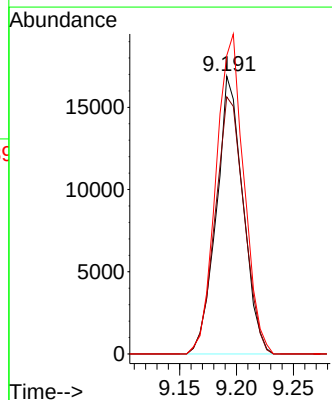
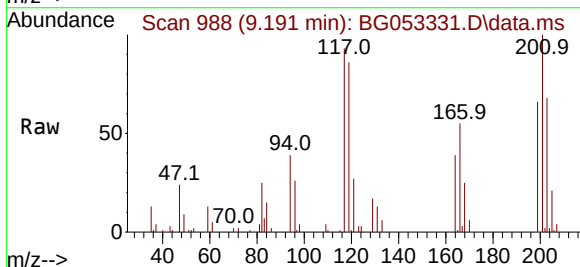
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

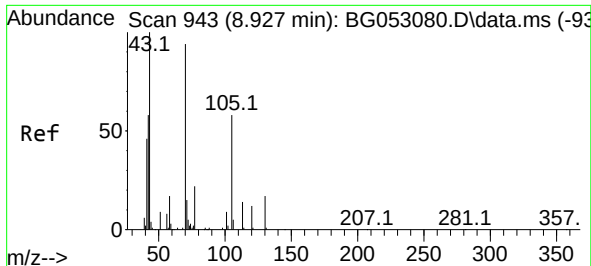
Tgt Ion:	107	Resp:	53013
Ion	Ratio	Lower	Upper
107	100		
108	107.7	91.5	137.3
77	55.2	42.5	63.7
79	55.3	41.0	61.4



#18
Hexachloroethane
Concen: 41.964 ng
RT: 9.191 min Scan# 988
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:	117	Resp:	27463
Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.1	112.7
201	107.4	96.6	145.0

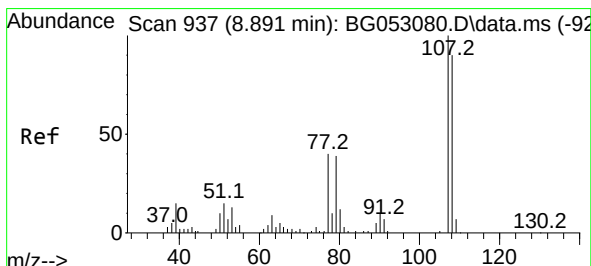
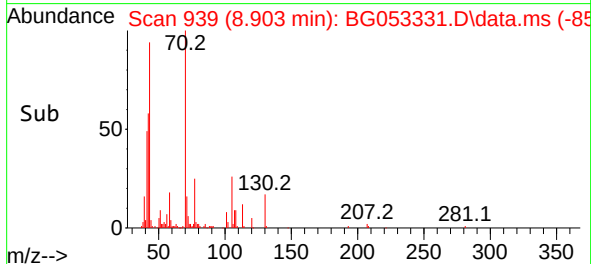
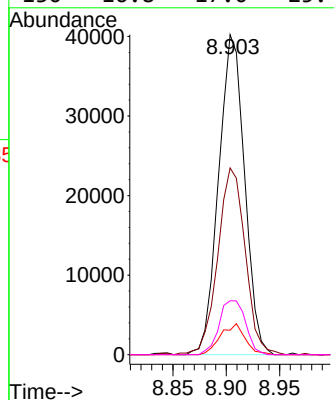
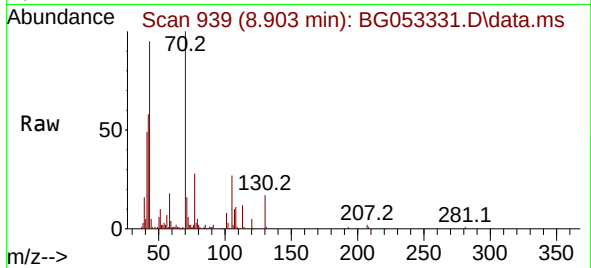




#19
n-Nitroso-di-n-propylamine
Concen: 44.136 ng
RT: 8.903 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

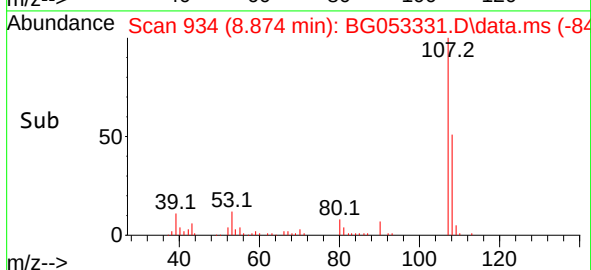
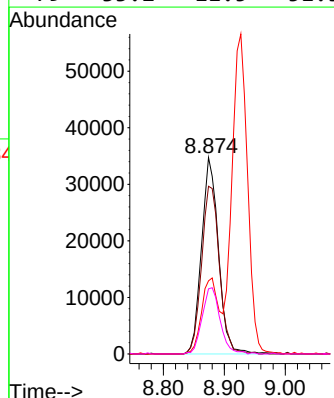
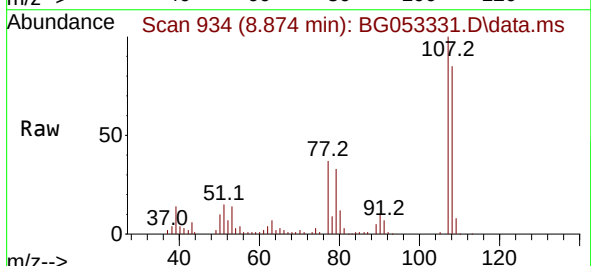
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

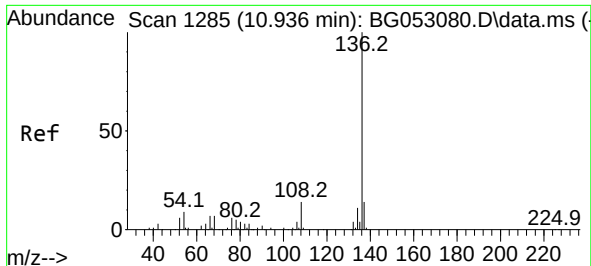
Tgt Ion: 70 Resp: 67995
Ion Ratio Lower Upper
70 100
42 58.4 46.0 69.0
101 7.6 6.2 9.4
130 16.8 17.0 25.4#



#20
3+4-Methylphenols
Concen: 33.589 ng
RT: 8.874 min Scan# 934
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion: 107 Resp: 67209
Ion Ratio Lower Upper
107 100
108 85.4 64.8 104.8
77 37.2 15.9 55.9
79 33.2 11.5 51.5

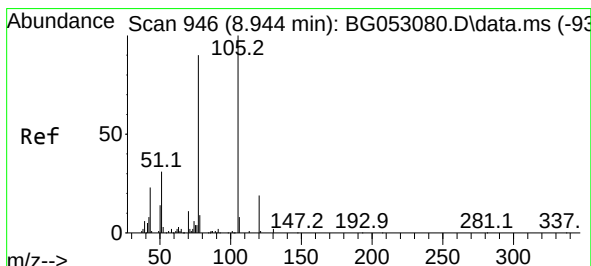
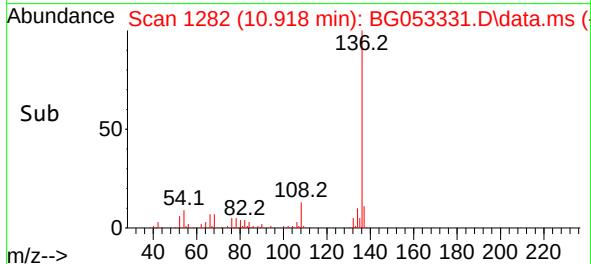
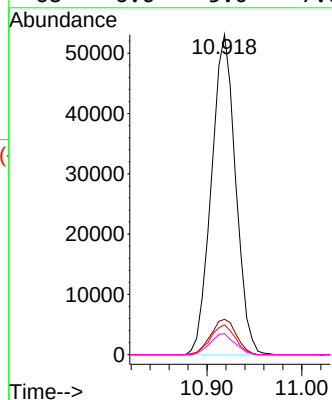
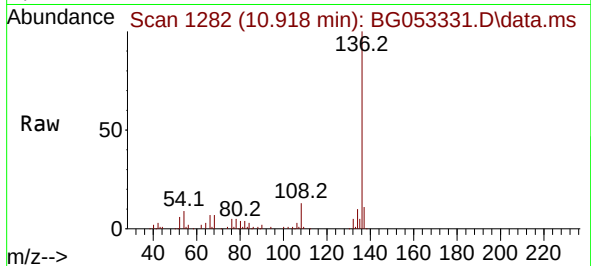




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.918 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

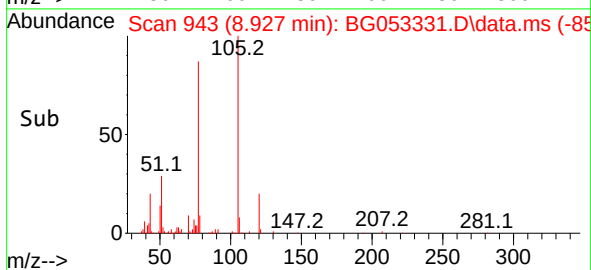
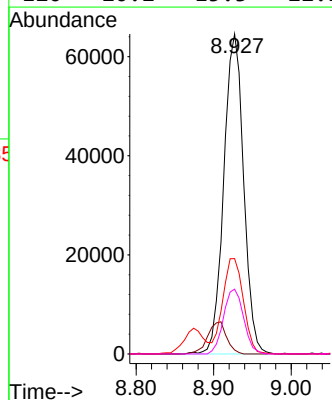
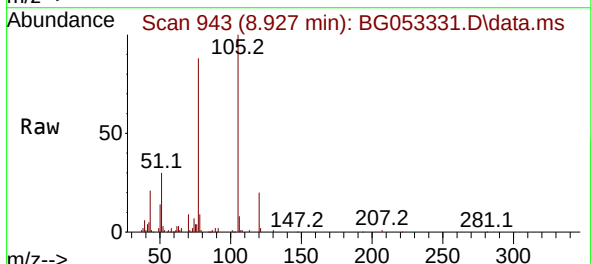
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

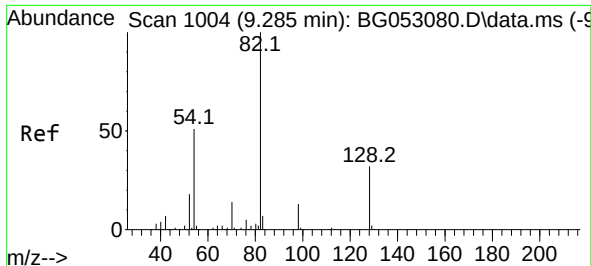
Tgt Ion:	136	Resp:	94131
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.4	14.2
54	9.3	6.4	9.6
68	6.6	5.0	7.6



#22
Acetophenone
Concen: 44.070 ng
RT: 8.927 min Scan# 943
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:	105	Resp:	115086
Ion Ratio	Lower	Upper	
105	100		
71	1.2	2.1	3.1#
51	29.8	21.9	32.9
120	20.2	15.3	22.9

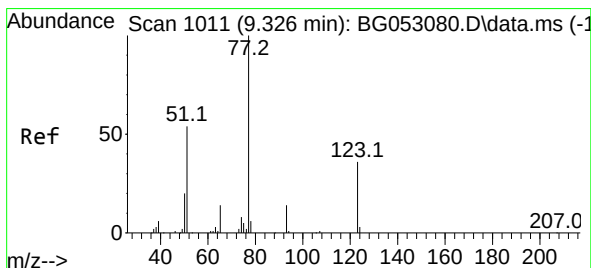
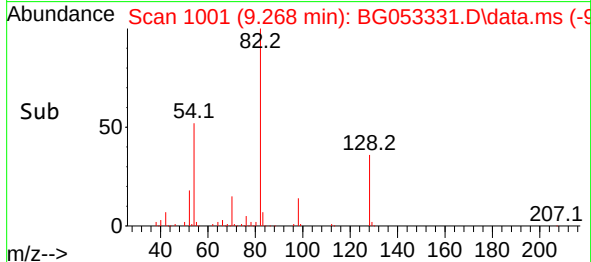
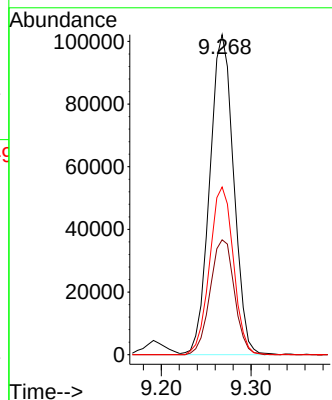
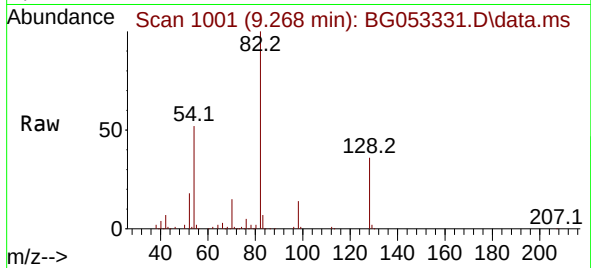




#23
Nitrobenzene-d5
Concen: 81.517 ng
RT: 9.268 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

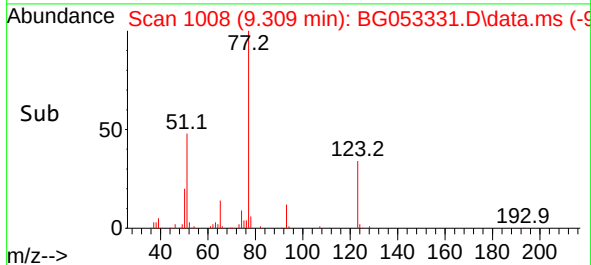
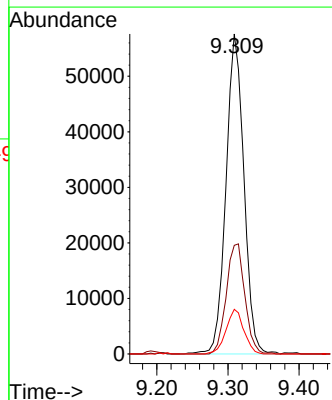
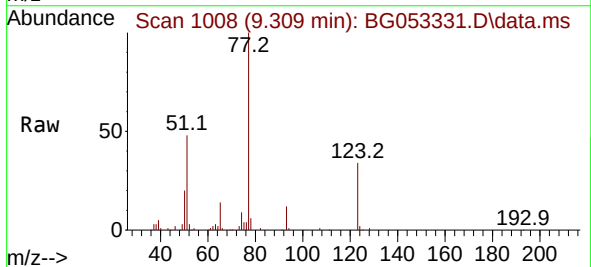
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

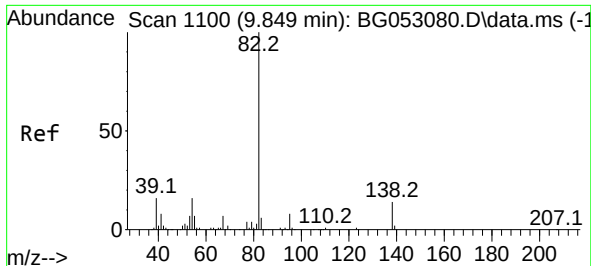
Tgt Ion: 82 Resp: 188981
Ion Ratio Lower Upper
82 100
128 35.9 31.3 46.9
54 52.4 37.8 56.8



#24
Nitrobenzene
Concen: 44.643 ng
RT: 9.309 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion: 77 Resp: 100667
Ion Ratio Lower Upper
77 100
123 34.0 34.4 51.6#
65 14.0 11.2 16.8

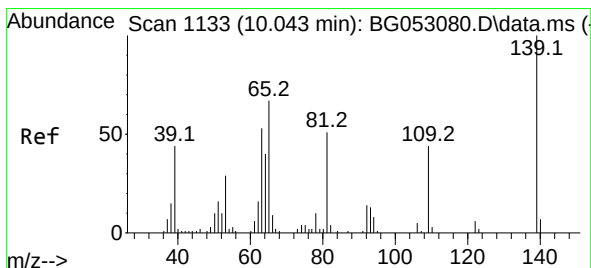
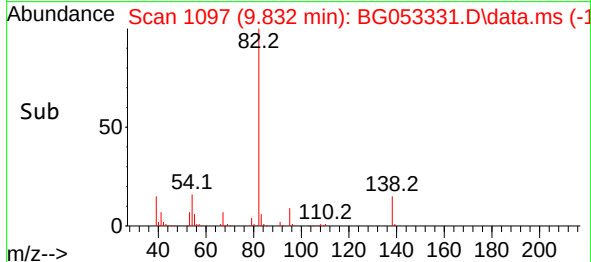
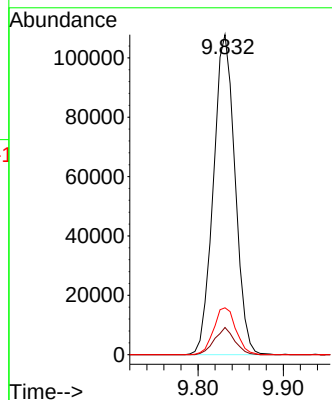
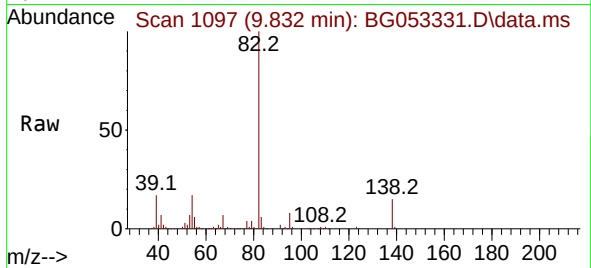




#25
Isophorone
Concen: 48.082 ng
RT: 9.832 min Scan# 1097
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

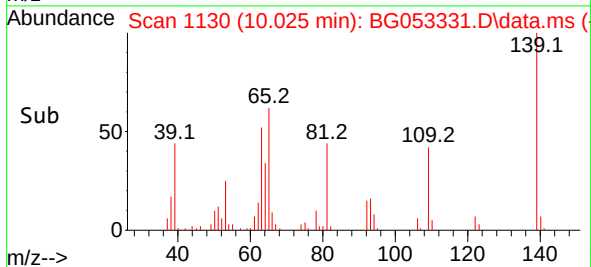
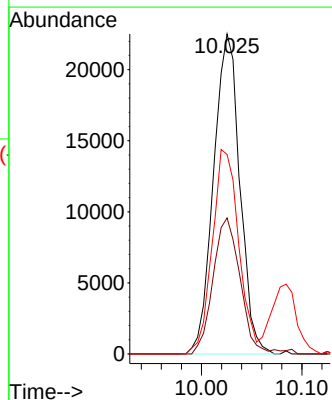
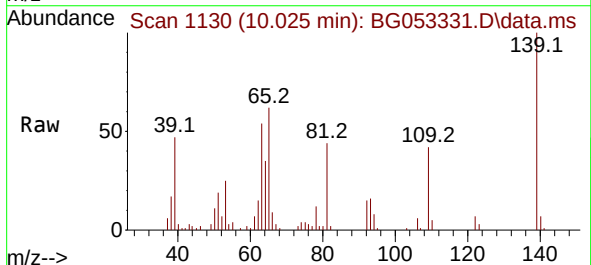
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

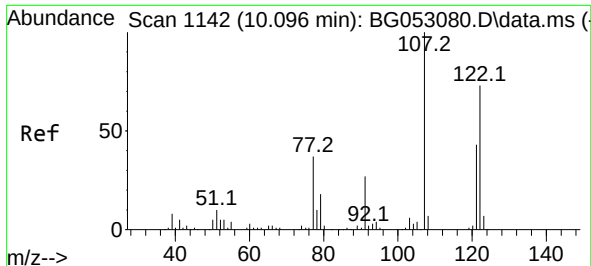
Tgt Ion: 82 Resp: 189464
Ion Ratio Lower Upper
82 100
95 8.5 5.8 8.6
138 14.7 12.6 18.8



#26
2-Nitrophenol
Concen: 43.417 ng
RT: 10.025 min Scan# 1130
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion: 139 Resp: 40939
Ion Ratio Lower Upper
139 100
109 42.5 29.4 44.0
65 62.3 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 48.838 ng

RT: 10.084 min Scan# 1142

Delta R.T. -0.003 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

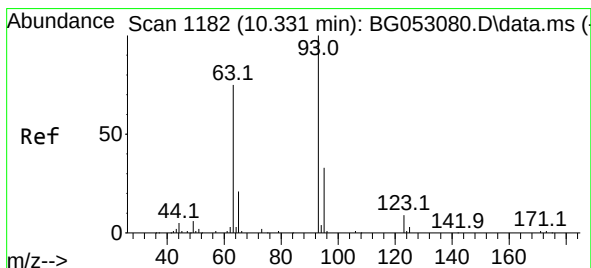
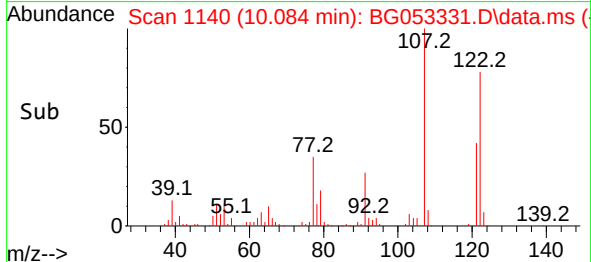
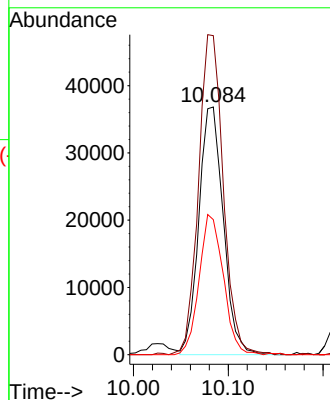
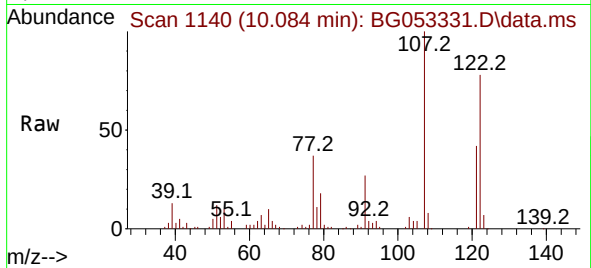
Instrument :

BNA_G

ClientSampleId :

MW-30MSD

Tgt Ion:122	Resp:	65952
Ion	Ratio	Lower Upper
122	100	
107	128.8	96.7 145.1
121	54.5	46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.830 ng

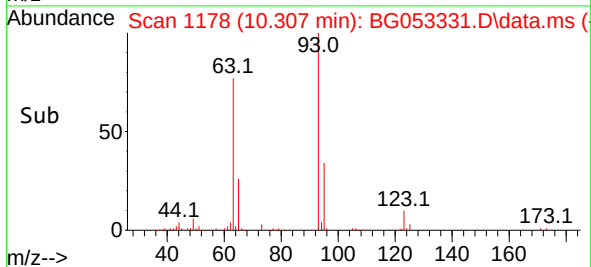
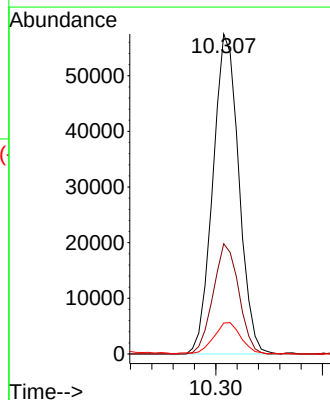
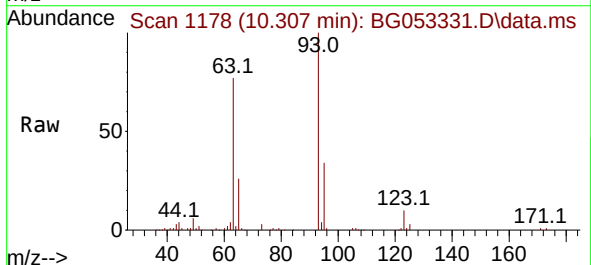
RT: 10.307 min Scan# 1178

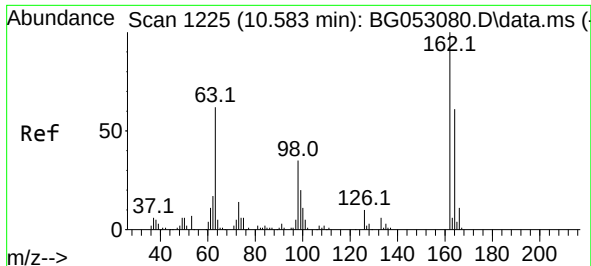
Delta R.T. -0.009 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

Tgt Ion: 93	Resp:	97029
Ion	Ratio	Lower Upper
93	100	
95	34.5	26.5 39.7
123	9.6	8.6 12.8





#29

2,4-Dichlorophenol

Concen: 46.161 ng

RT: 10.566 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

Instrument :

BNA_G

ClientSampleId :

MW-30MSD

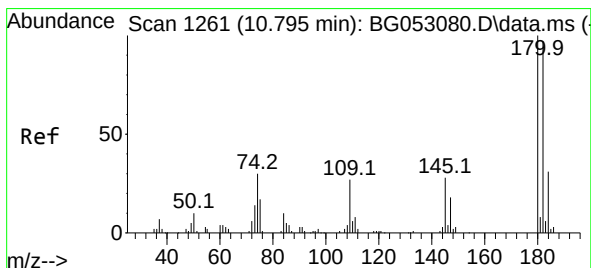
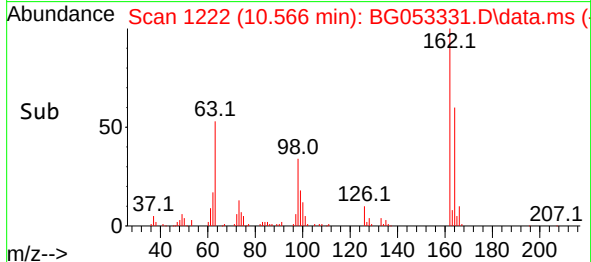
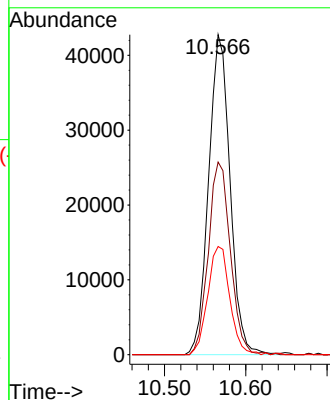
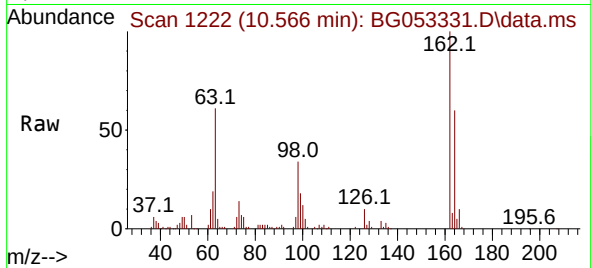
Tgt Ion:162 Resp: 78367

Ion Ratio Lower Upper

162 100

164 60.2 44.0 84.0

98 33.8 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 42.510 ng

RT: 10.777 min Scan# 1258

Delta R.T. -0.009 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

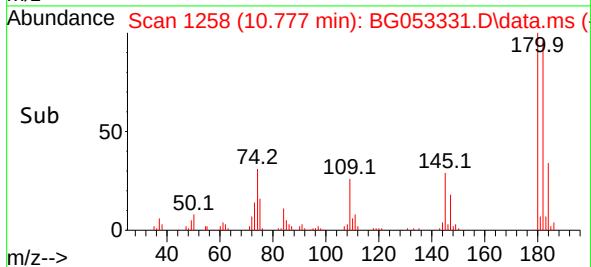
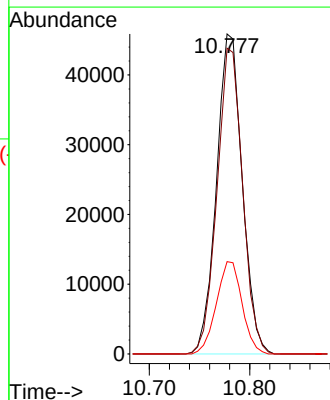
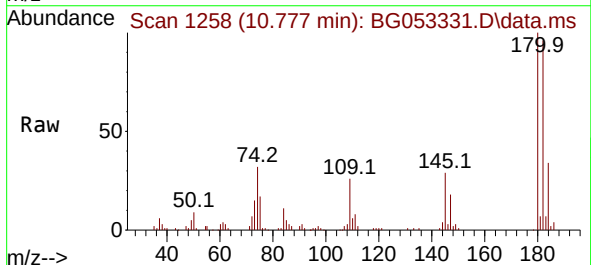
Tgt Ion:180 Resp: 81680

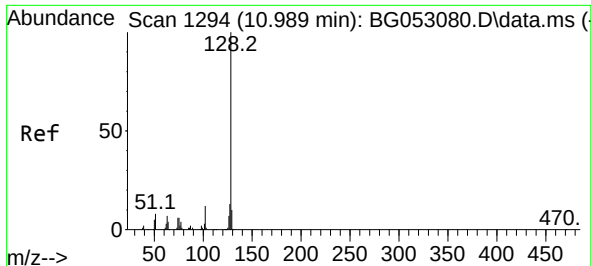
Ion Ratio Lower Upper

180 100

182 95.6 77.8 116.6

145 28.9 24.4 36.6

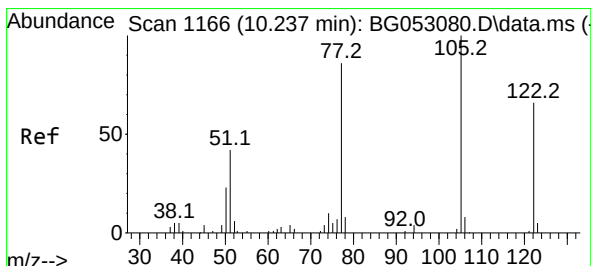
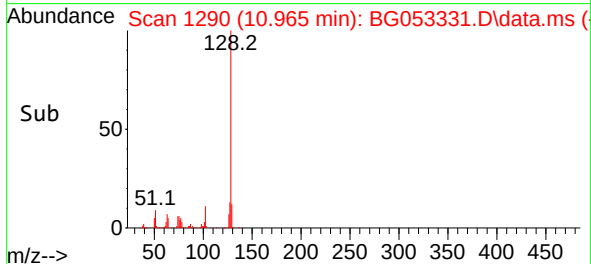
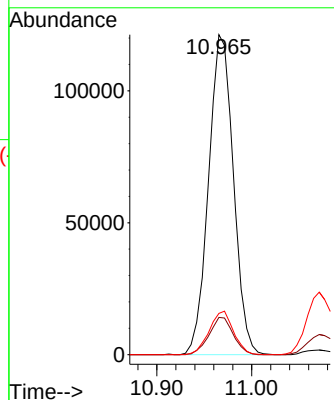
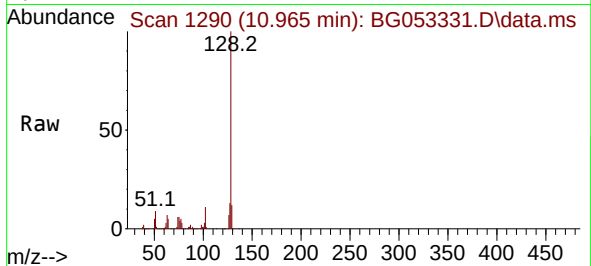




#31
Naphthalene
Concen: 43.952 ng
RT: 10.965 min Scan# 1164
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

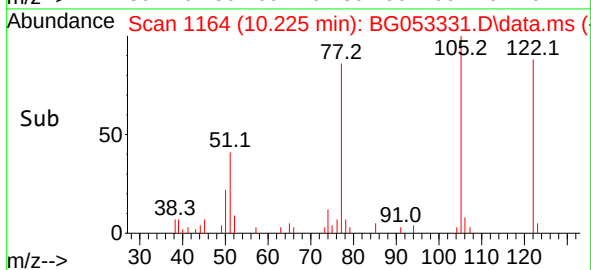
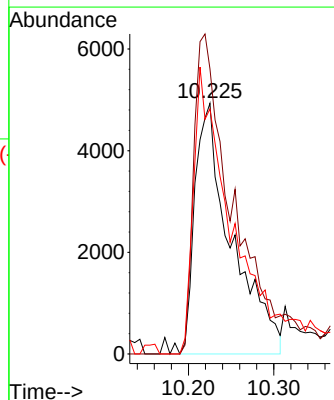
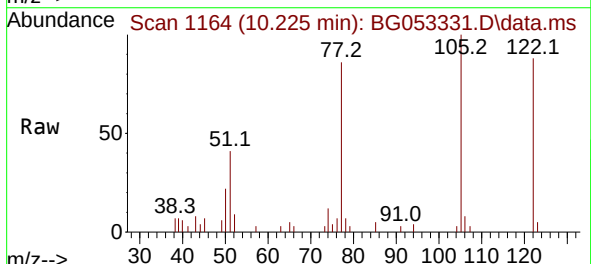
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

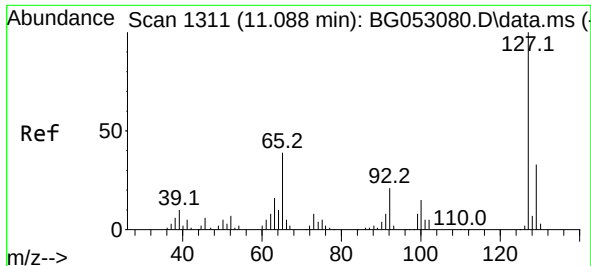
Tgt Ion:128 Resp: 220728
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 18.965 ng
RT: 10.225 min Scan# 1164
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:122 Resp: 14581
Ion Ratio Lower Upper
122 100
105 113.7 112.8 152.8
77 97.8 78.4 118.4

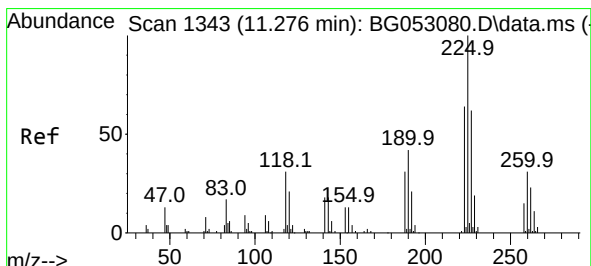
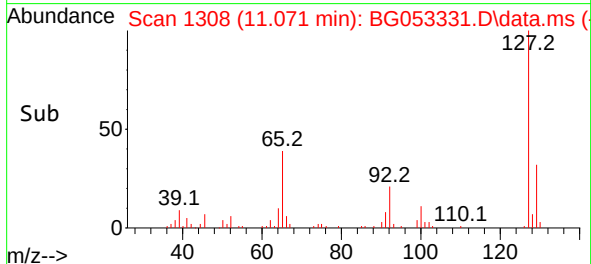
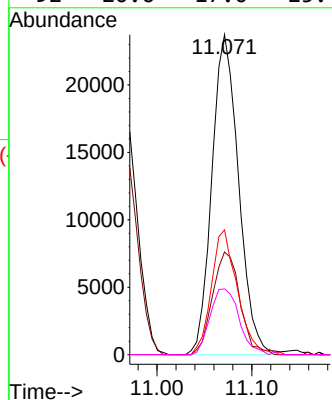
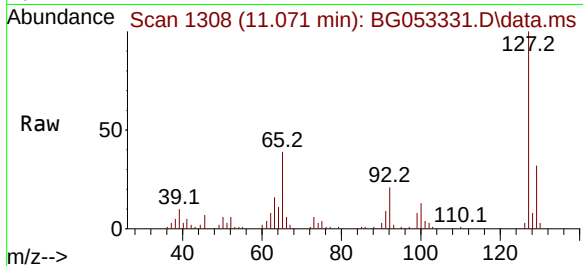




#33
4-Chloroaniline
Concen: 21.607 ng
RT: 11.071 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

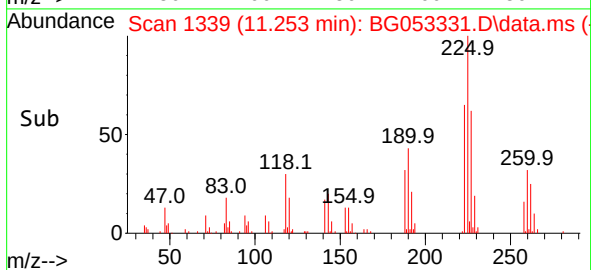
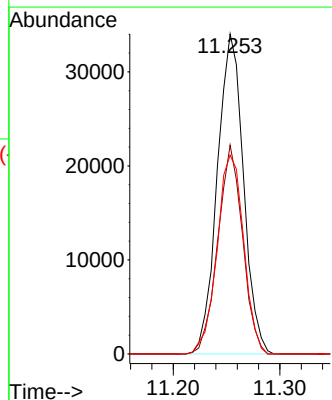
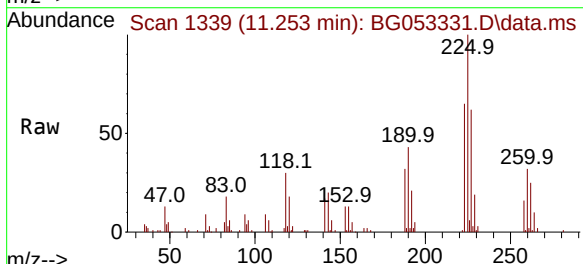
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

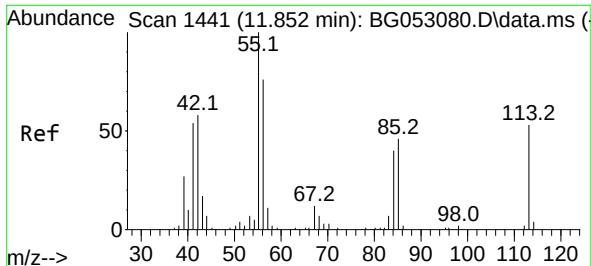
Tgt Ion:	127	Resp:	46469
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.6	41.4
65	39.0	28.2	42.4
92	20.6	17.0	25.4



#34
Hexachlorobutadiene
Concen: 40.536 ng
RT: 11.253 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:	225	Resp:	57857
Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.2	75.2
227	62.2	52.0	78.0

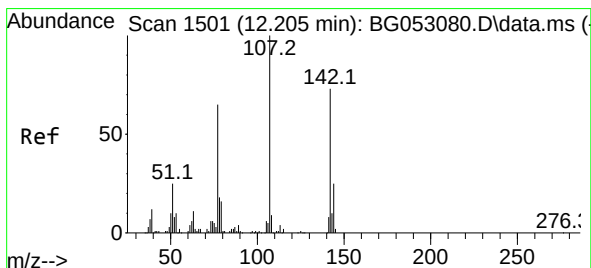
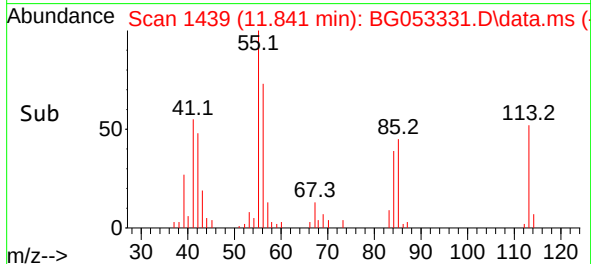
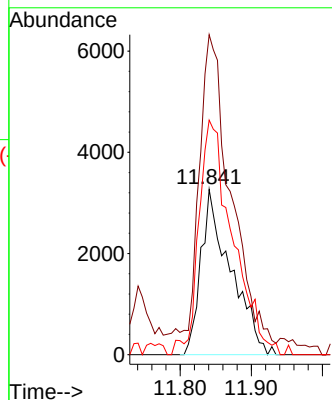
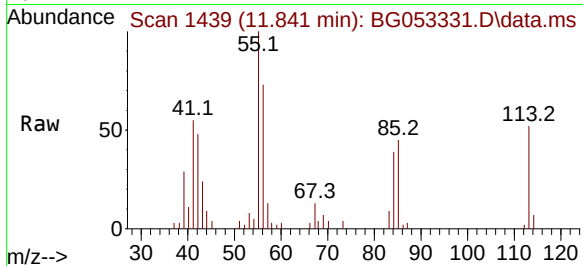




#35
 Caprolactam
 Concen: 15.916 ng
 RT: 11.841 min Scan# 1441
 Delta R.T. -0.009 min
 Lab File: BG053331.D
 Acq: 26 Apr 2022 22:06

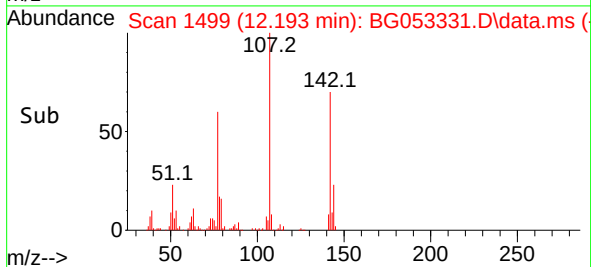
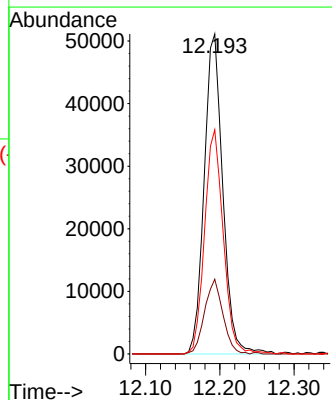
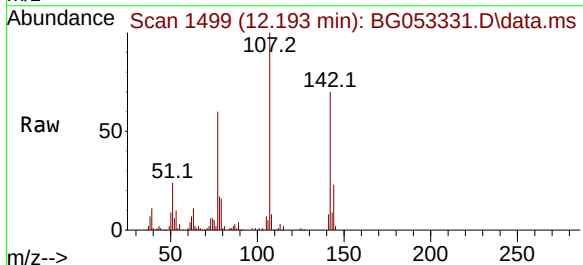
Instrument :
 BNA_G
 ClientSampleId :
 MW-30MSD

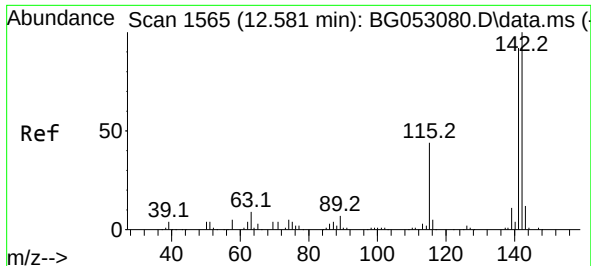
Tgt Ion:113 Resp: 9524
 Ion Ratio Lower Upper
 113 100
 55 193.5 151.3 191.3#
 56 141.8 128.5 168.5



#36
 4-Chloro-3-methylphenol
 Concen: 45.090 ng
 RT: 12.193 min Scan# 1499
 Delta R.T. -0.003 min
 Lab File: BG053331.D
 Acq: 26 Apr 2022 22:06

Tgt Ion:107 Resp: 89119
 Ion Ratio Lower Upper
 107 100
 144 23.3 21.4 32.0
 142 70.0 61.7 92.5

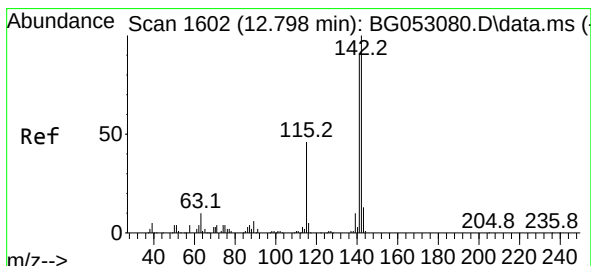
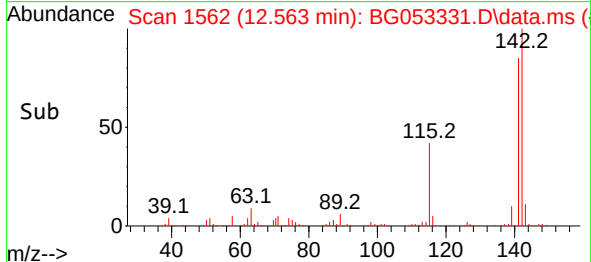
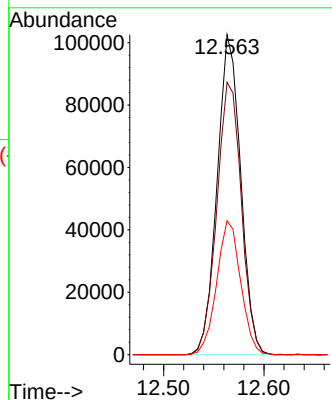
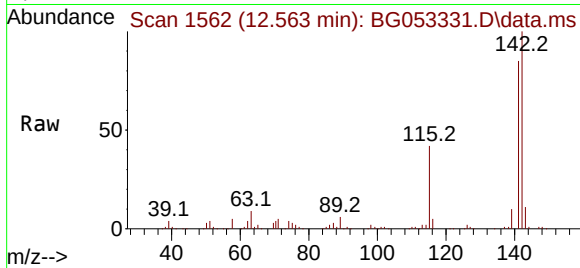




#37
2-Methylnaphthalene
Concen: 44.955 ng
RT: 12.563 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

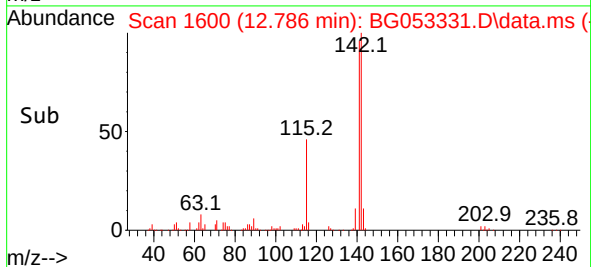
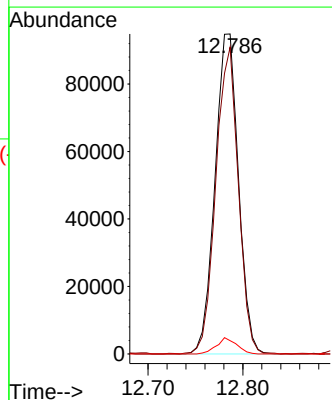
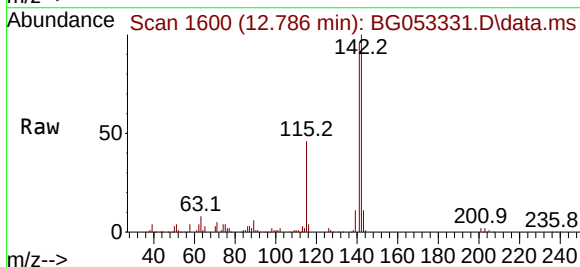
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

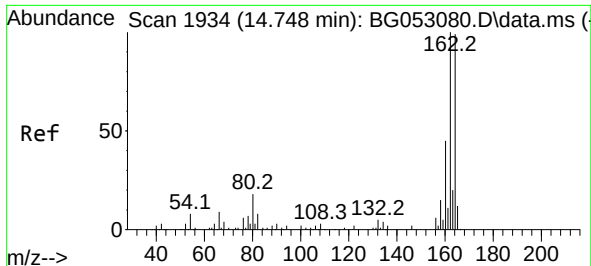
Tgt Ion:142 Resp: 167058
Ion Ratio Lower Upper
142 100
141 85.1 71.3 106.9
115 41.8 29.5 44.3



#38
1-Methylnaphthalene
Concen: 44.938 ng
RT: 12.786 min Scan# 1600
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:142 Resp: 163004
Ion Ratio Lower Upper
142 100
141 95.9 70.5 105.7
116 4.1 3.1 4.7

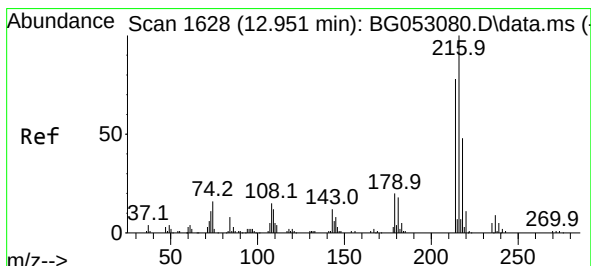
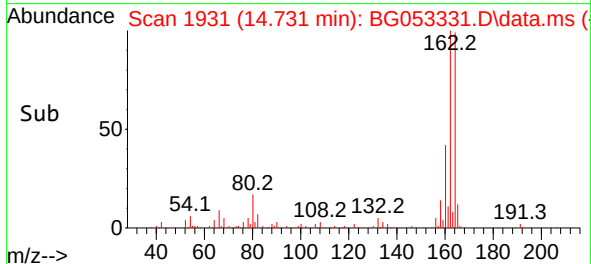
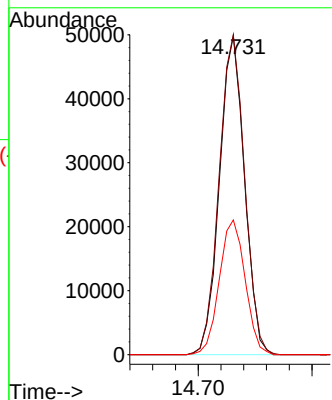
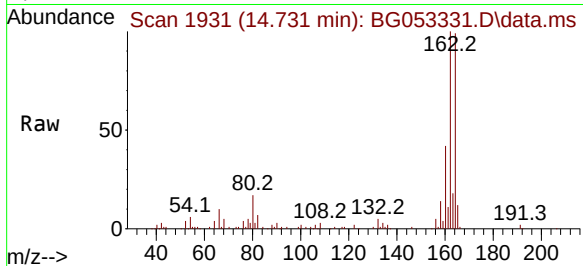




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

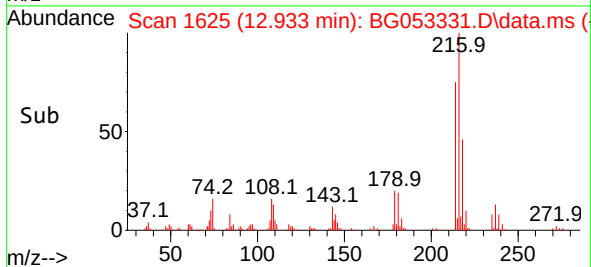
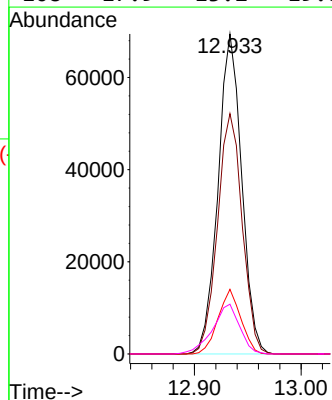
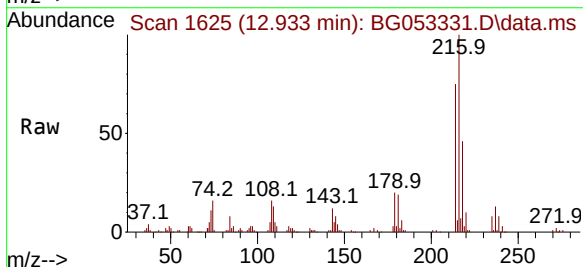
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

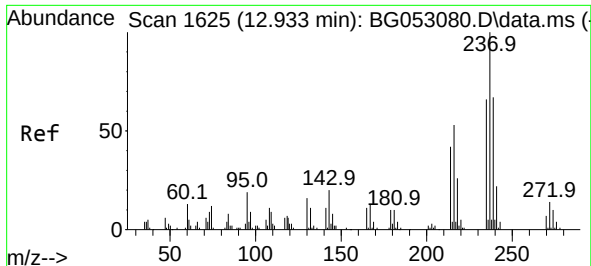
Tgt Ion:164 Resp: 75977
Ion Ratio Lower Upper
164 100
162 100.5 80.0 120.0
160 42.3 38.8 58.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.434 ng
RT: 12.933 min Scan# 1625
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:216 Resp: 106920
Ion Ratio Lower Upper
216 100
214 78.3 63.8 95.6
179 19.4 15.7 23.5
108 17.9 13.2 19.8

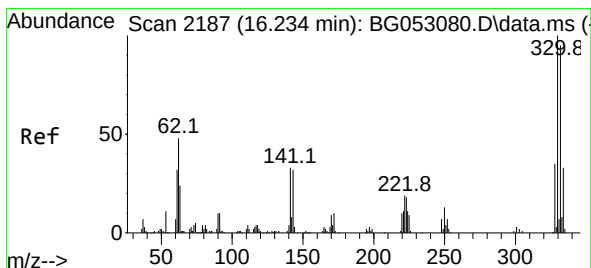
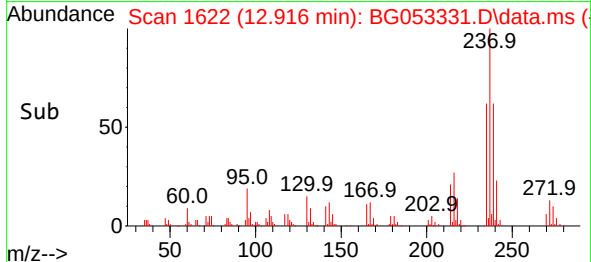
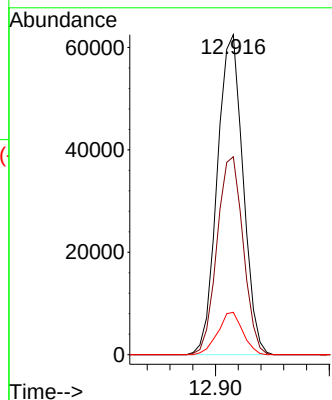
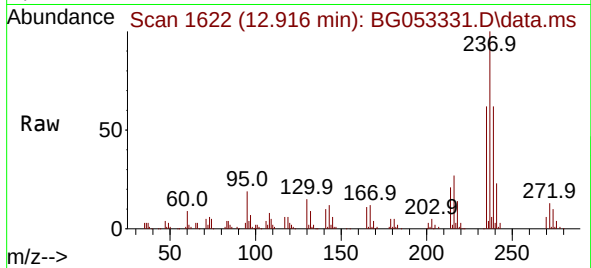




#41
Hexachlorocyclopentadiene
Concen: 73.843 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

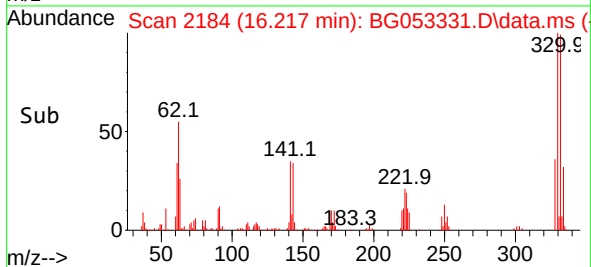
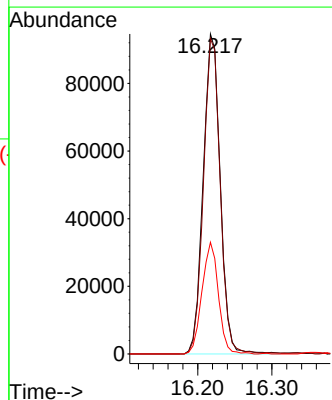
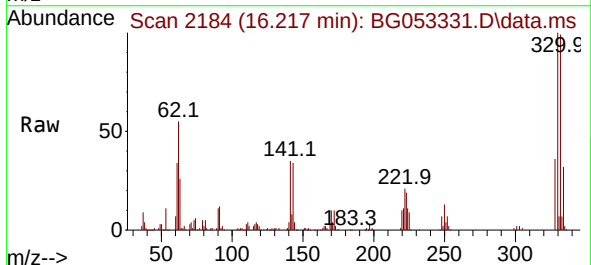
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

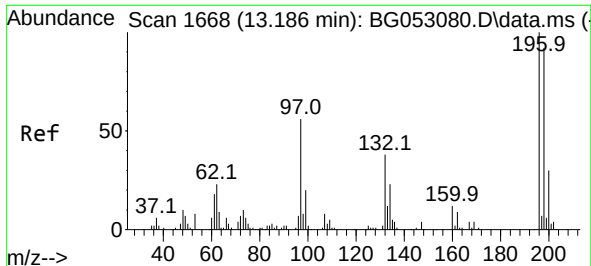
Tgt Ion:237 Resp: 98365
Ion Ratio Lower Upper
237 100
235 61.8 37.7 77.7
272 13.3 0.0 30.7



#42
2,4,6-Tribromophenol
Concen: 125.005 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:330 Resp: 151102
Ion Ratio Lower Upper
330 100
332 96.6 75.8 113.6
141 33.5 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 41.935 ng

RT: 13.168 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

Instrument :

BNA_G

ClientSampleId :

MW-30MSD

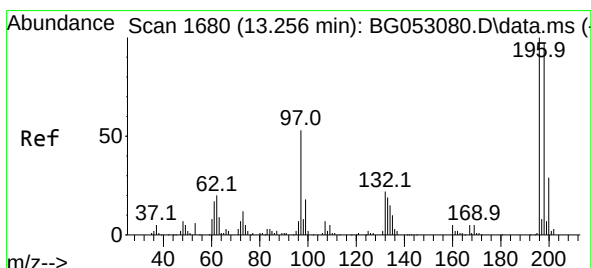
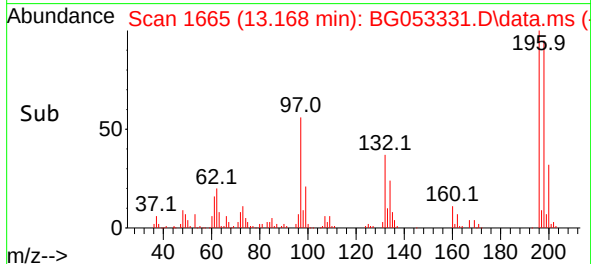
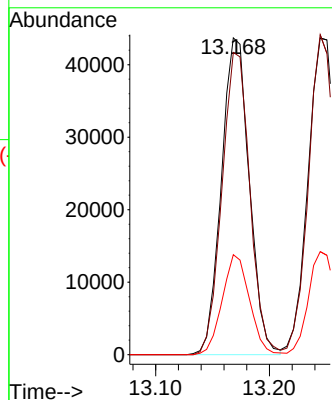
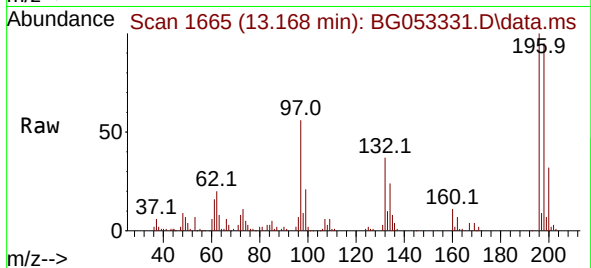
Tgt Ion:196 Resp: 74608

Ion Ratio Lower Upper

196 100

198 95.4 78.8 118.2

200 31.6 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 42.052 ng

RT: 13.245 min Scan# 1678

Delta R.T. -0.009 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

Tgt Ion:196 Resp: 79726

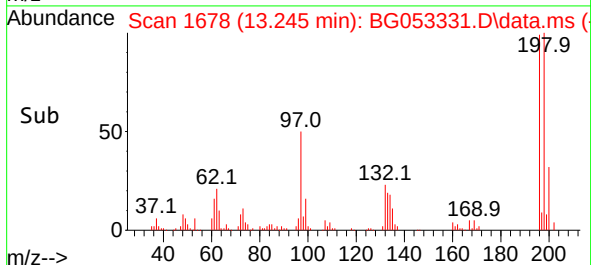
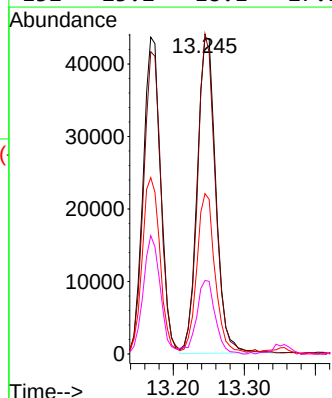
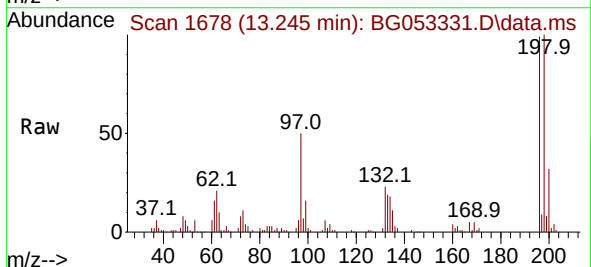
Ion Ratio Lower Upper

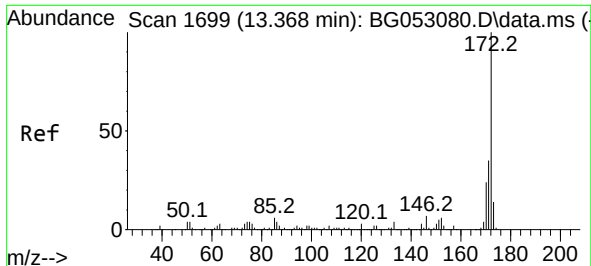
196 100

198 101.1 75.8 113.6

97 50.7 36.5 54.7

132 23.2 18.1 27.1

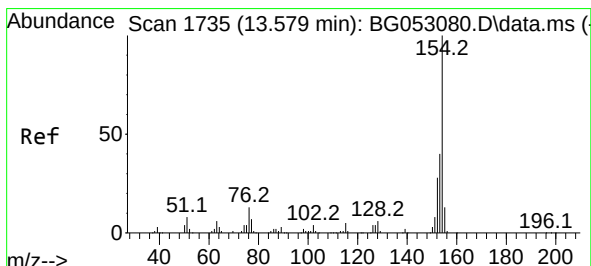
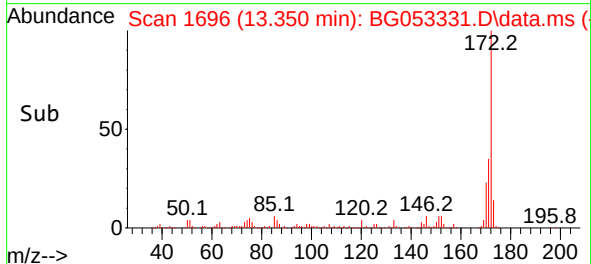
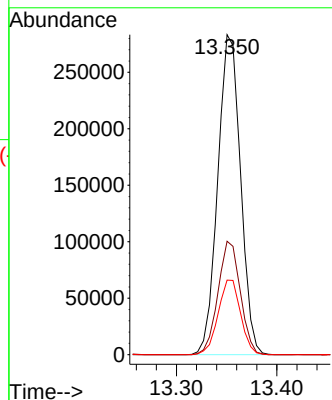
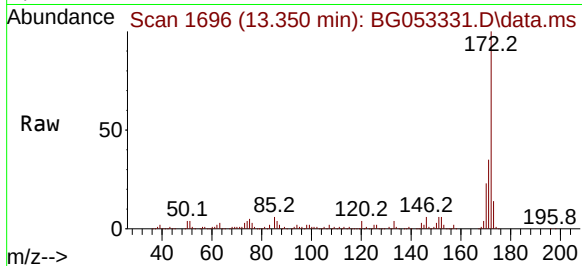




#45
2-Fluorobiphenyl
Concen: 80.862 ng
RT: 13.350 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

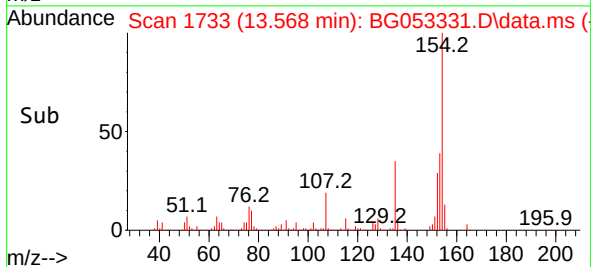
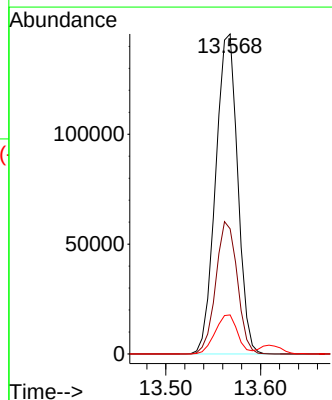
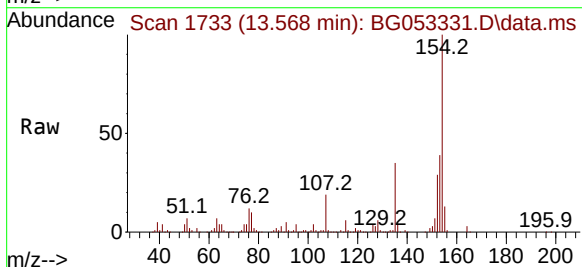
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

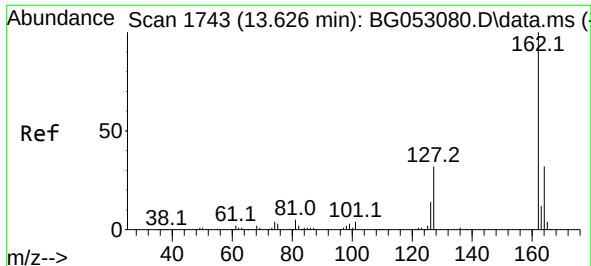
Tgt Ion:172 Resp: 445546
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 18.0 27.0



#46
1,1'-Biphenyl
Concen: 42.970 ng
RT: 13.568 min Scan# 1733
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:154 Resp: 235105
Ion Ratio Lower Upper
154 100
153 39.1 21.6 61.6
76 12.2 0.0 31.5

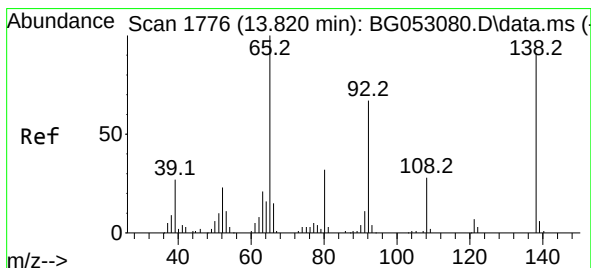
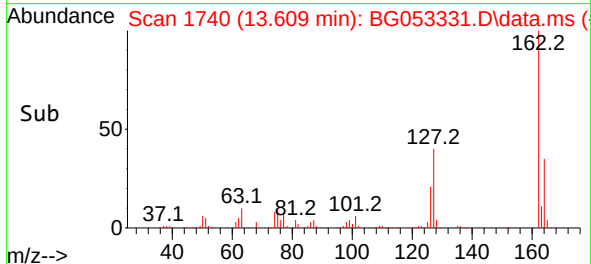
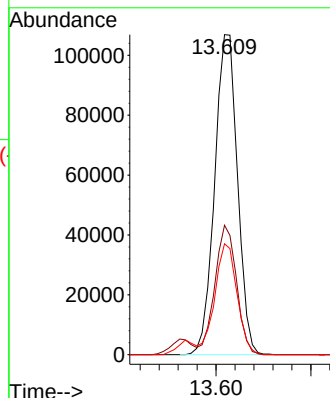
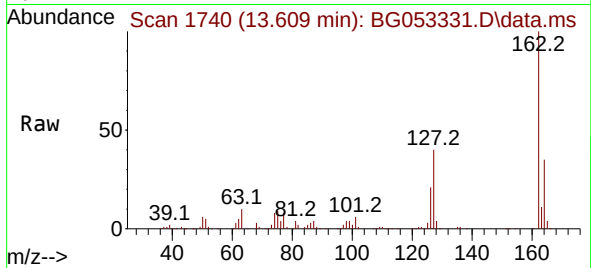




#47
2-Chloronaphthalene
Concen: 41.012 ng
RT: 13.609 min Scan# 1743
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

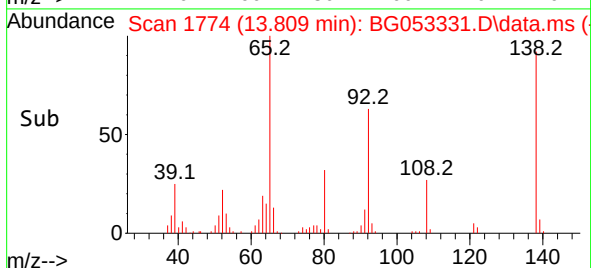
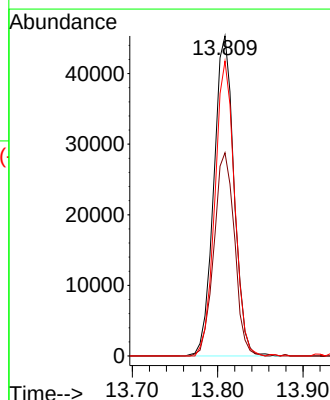
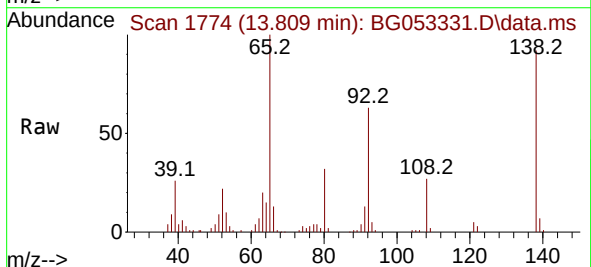
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

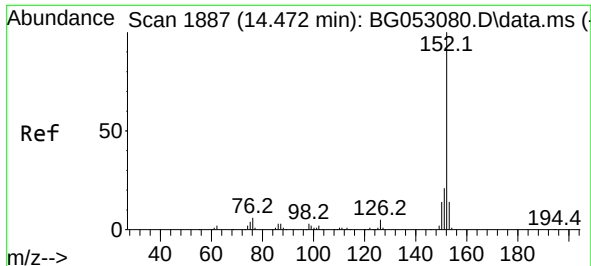
Tgt Ion:162 Resp: 179024
Ion Ratio Lower Upper
162 100
127 40.4 28.1 42.1
164 34.7 26.0 39.0



#48
2-Nitroaniline
Concen: 45.142 ng
RT: 13.809 min Scan# 1774
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion: 65 Resp: 74782
Ion Ratio Lower Upper
65 100
92 63.5 52.1 78.1
138 92.1 80.1 120.1

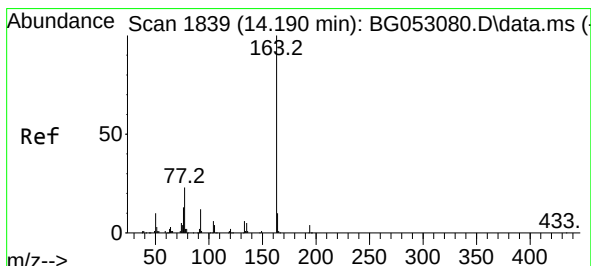
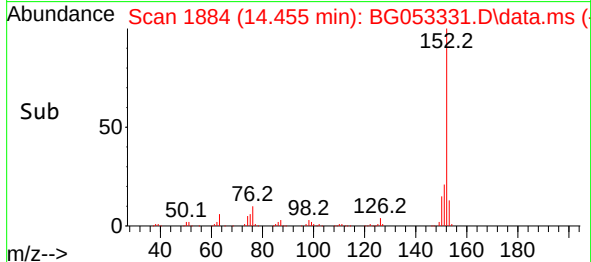
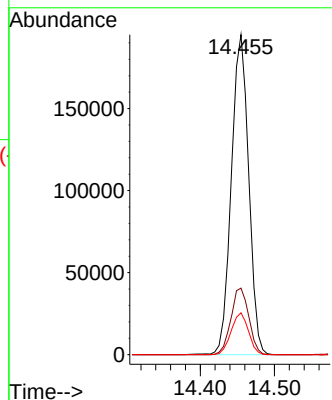
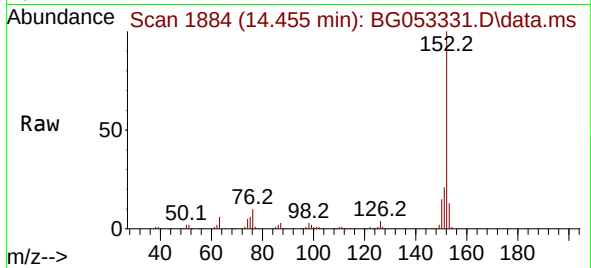




#49
Acenaphthylene
Concen: 46.291 ng
RT: 14.455 min Scan# 1884
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

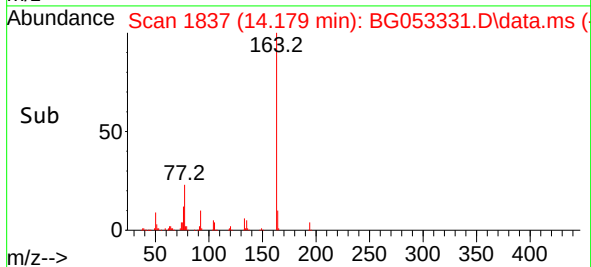
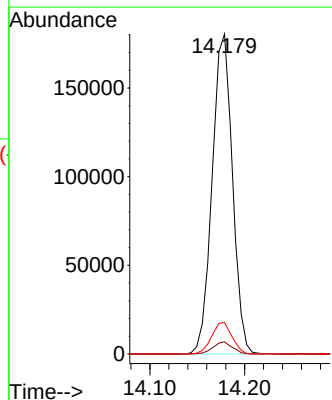
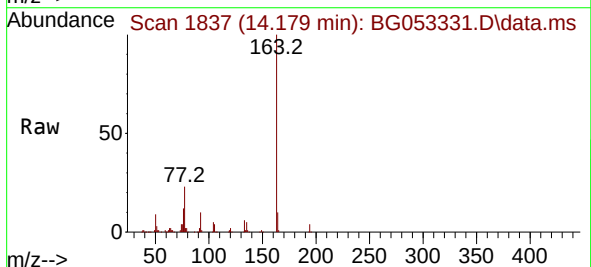
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

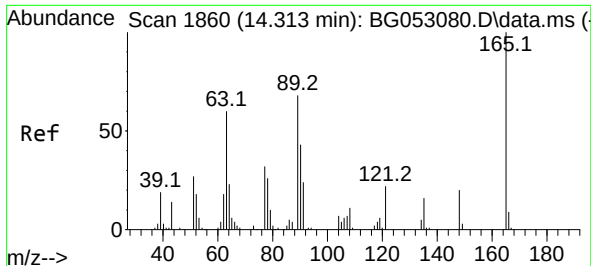
Tgt Ion:152 Resp: 316318
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.6
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 44.141 ng
RT: 14.179 min Scan# 1837
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:163 Resp: 268243
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.8 8.5 12.7

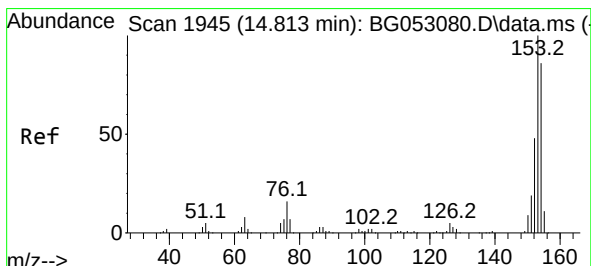
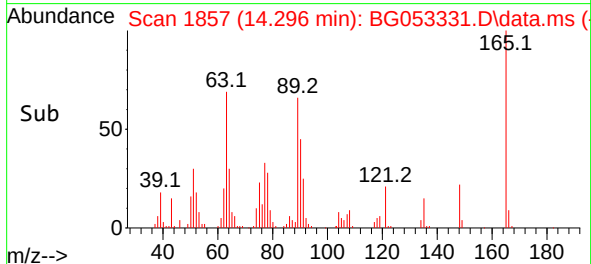
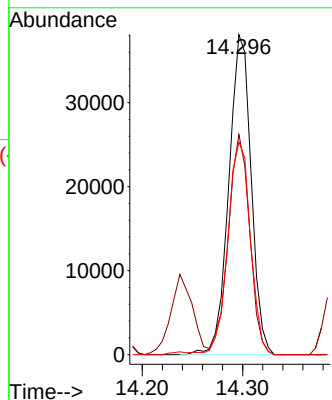
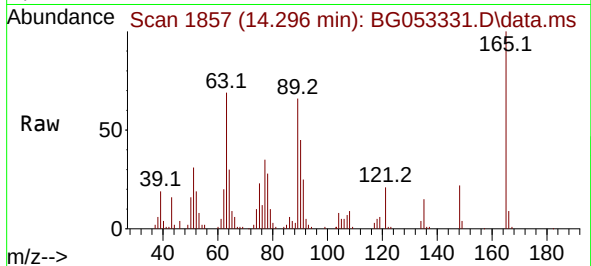




#51
2,6-Dinitrotoluene
Concen: 46.435 ng
RT: 14.296 min Scan# 1857
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

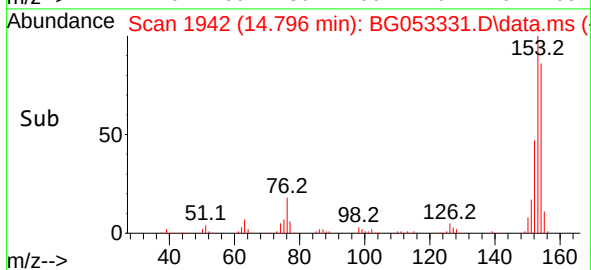
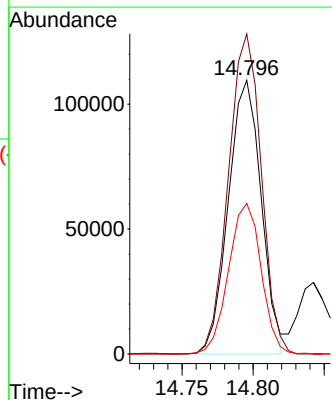
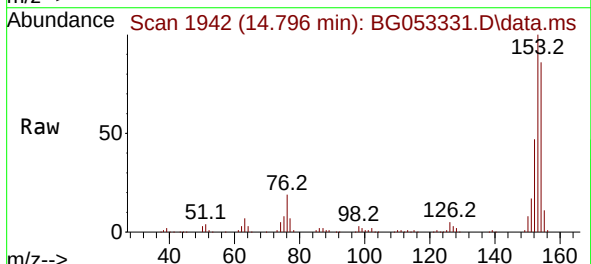
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

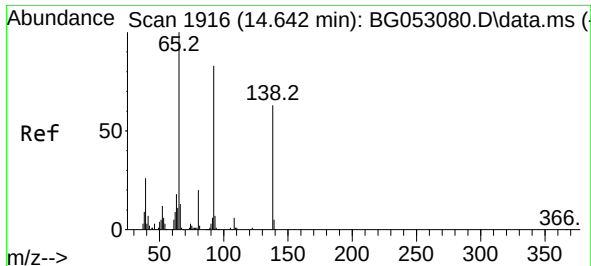
Tgt Ion:165 Resp: 58869
Ion Ratio Lower Upper
165 100
63 68.8 43.7 65.5#
89 66.4 45.0 67.4



#52
Acenaphthene
Concen: 38.038 ng
RT: 14.796 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:154 Resp: 176268
Ion Ratio Lower Upper
154 100
153 117.0 89.0 133.4
152 55.1 40.5 60.7

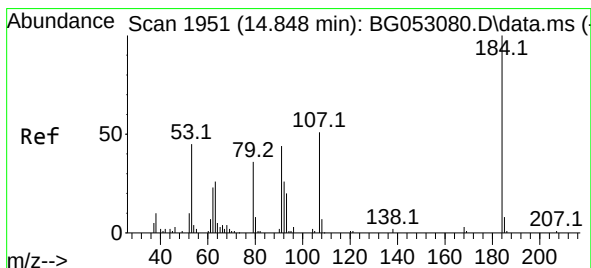
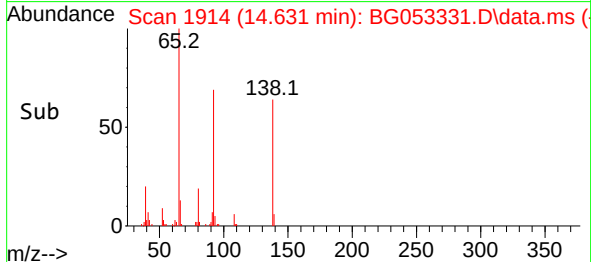
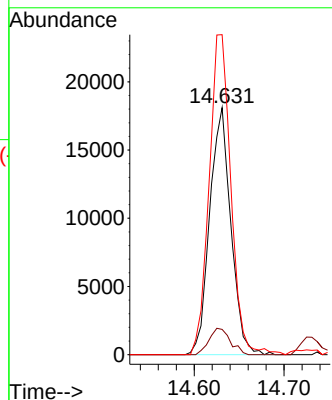
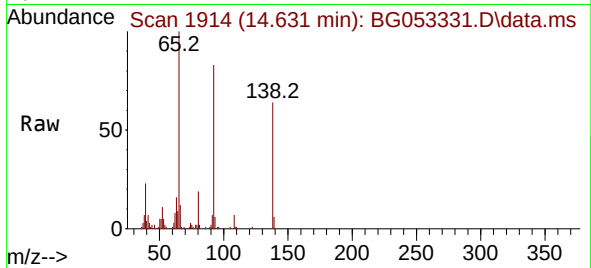




#53
3-Nitroaniline
Concen: 22.134 ng
RT: 14.631 min Scan# 1916
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

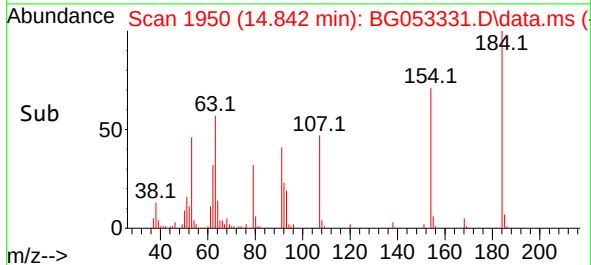
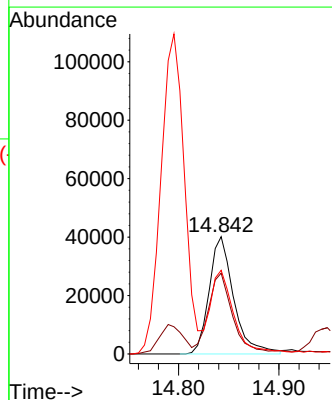
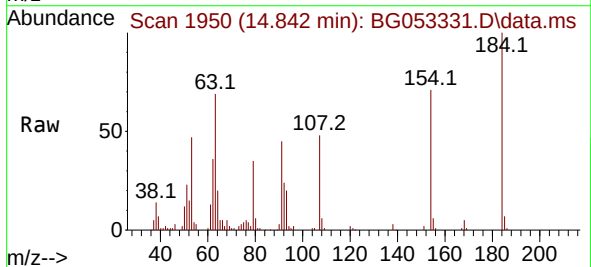
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

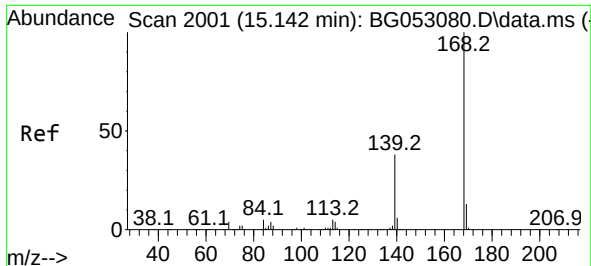
Tgt Ion:138 Resp: 29671
Ion Ratio Lower Upper
138 100
108 10.3 8.0 12.0
92 129.5 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 84.673 ng
RT: 14.842 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:184 Resp: 68302
Ion Ratio Lower Upper
184 100
63 69.0 51.8 77.6
154 71.4 47.8 71.6

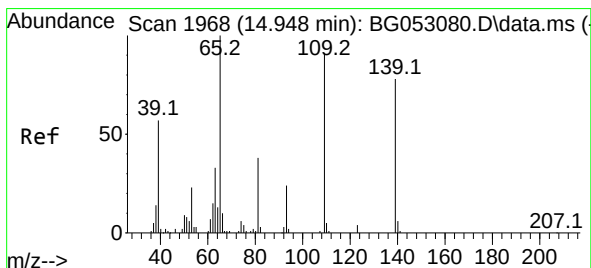
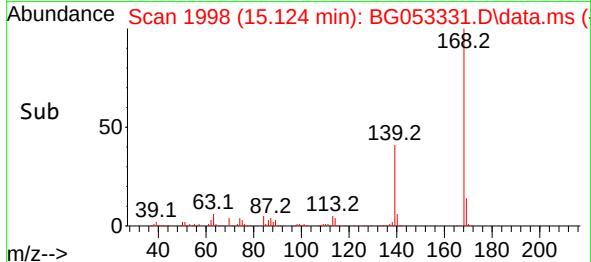
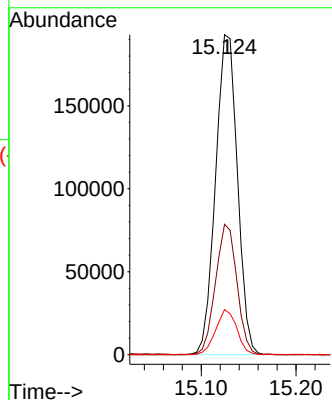
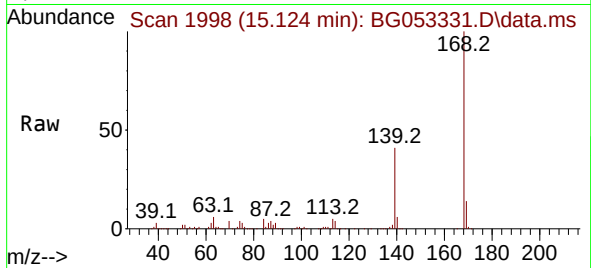




#55
Dibenzenofuran
Concen: 42.684 ng
RT: 15.124 min Scan# 1998
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

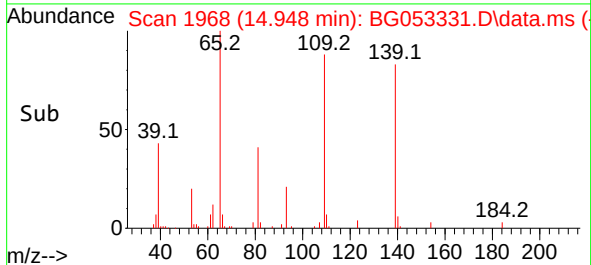
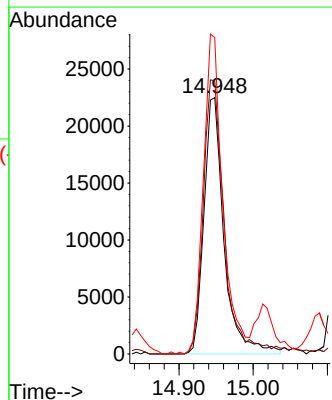
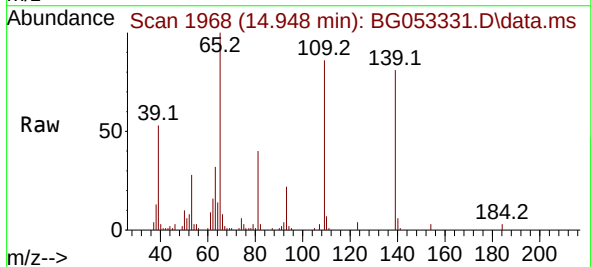
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

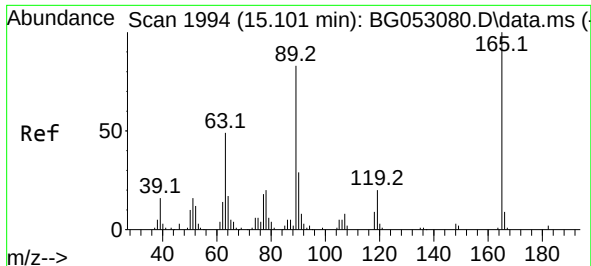
Tgt Ion:168 Resp: 309717
Ion Ratio Lower Upper
168 100
139 40.7 30.2 45.4
169 14.1 10.7 16.1



#56
4-Nitrophenol
Concen: 41.428 ng
RT: 14.948 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:139 Resp: 42355
Ion Ratio Lower Upper
139 100
109 106.5 67.1 107.1
65 123.5 88.2 128.2

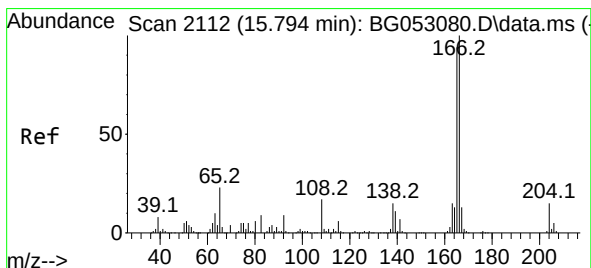
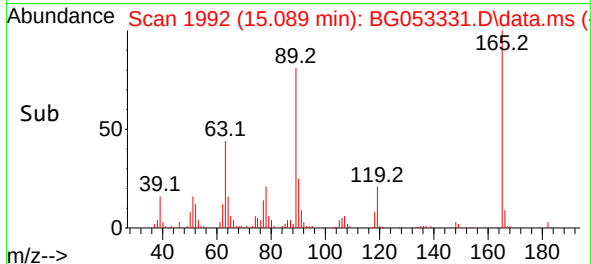
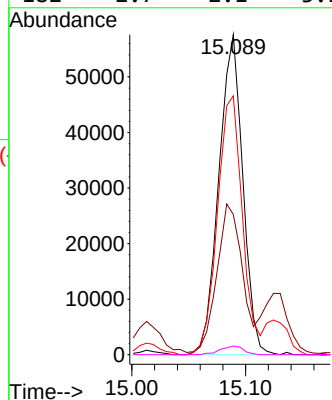
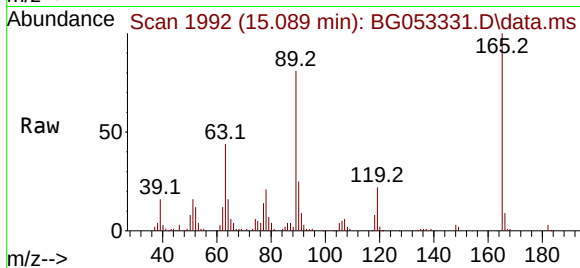




#57
2,4-Dinitrotoluene
Concen: 46.738 ng
RT: 15.089 min Scan# 1992
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

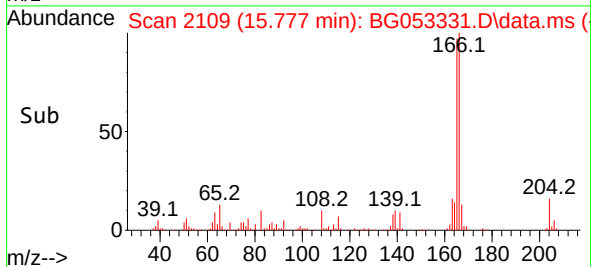
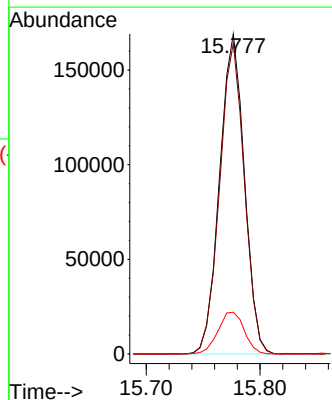
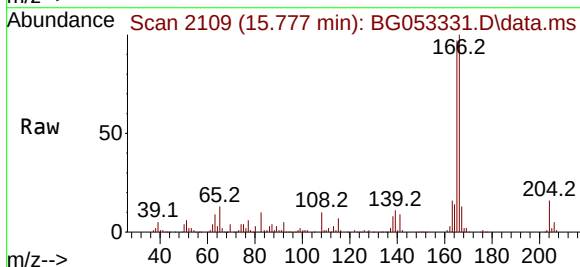
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

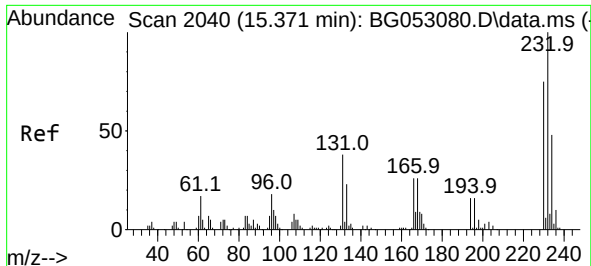
Tgt Ion:165 Resp: 84357
Ion Ratio Lower Upper
165 100
63 43.8 34.8 52.2
89 80.9 57.4 86.0
182 2.7 2.1 3.1



#58
Fluorene
Concen: 43.594 ng
RT: 15.777 min Scan# 2109
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:166 Resp: 255480
Ion Ratio Lower Upper
166 100
165 97.1 78.6 117.8
167 13.0 10.9 16.3

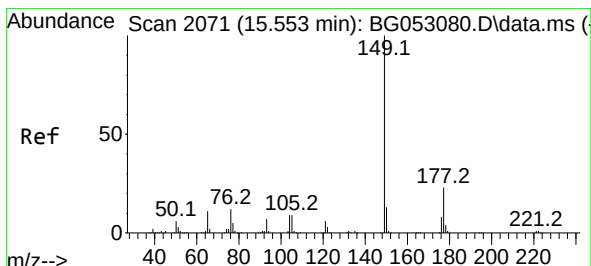
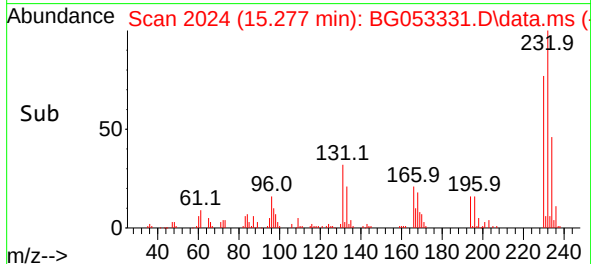
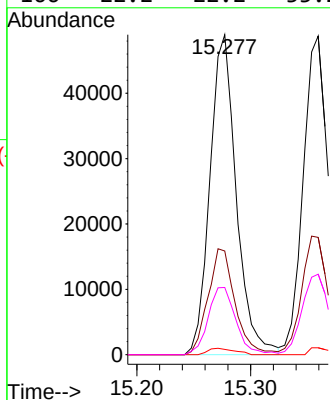
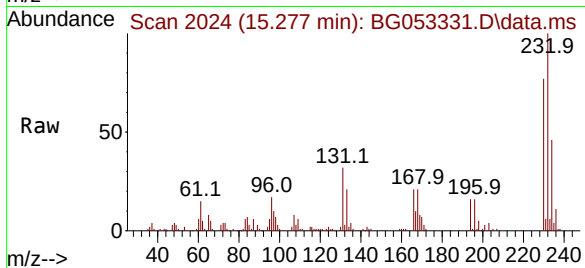




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.785 ng
RT: 15.277 min Scan# 2040
Delta R.T. -0.085 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

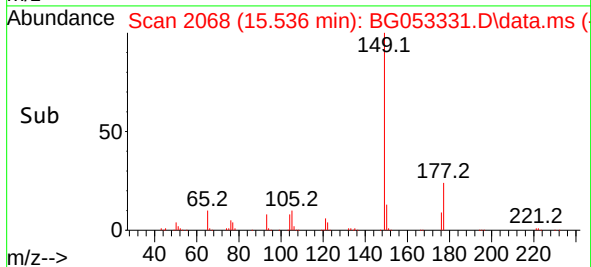
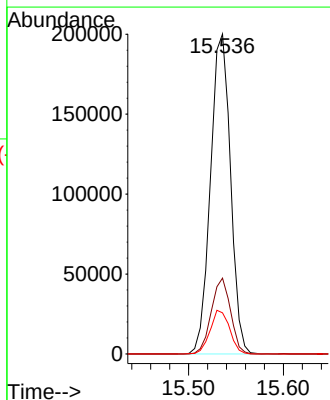
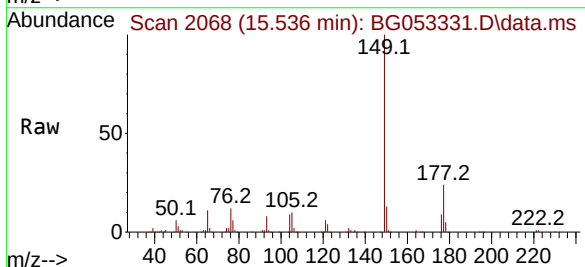
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

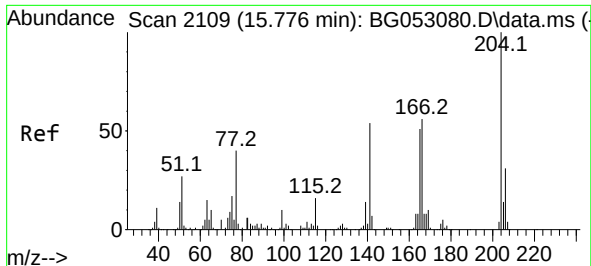
Tgt Ion:232 Resp: 78774
Ion Ratio Lower Upper
232 100
131 34.1 30.1 45.1
130 2.0 1.8 2.8
166 22.2 22.2 33.2



#60
Diethylphthalate
Concen: 46.048 ng
RT: 15.536 min Scan# 2068
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:149 Resp: 293189
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.2
150 12.8 9.9 14.9

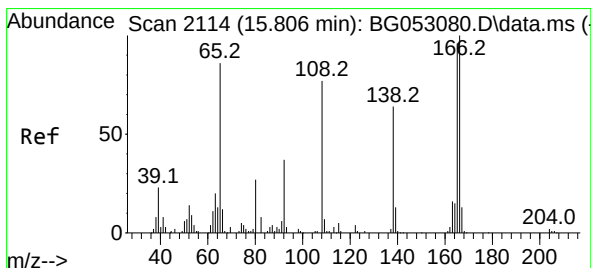
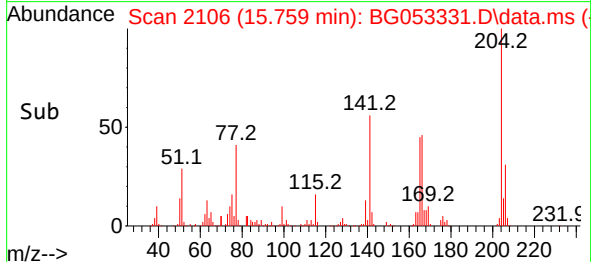
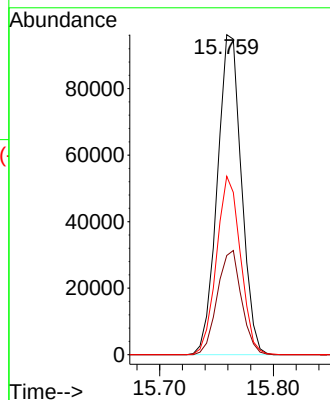
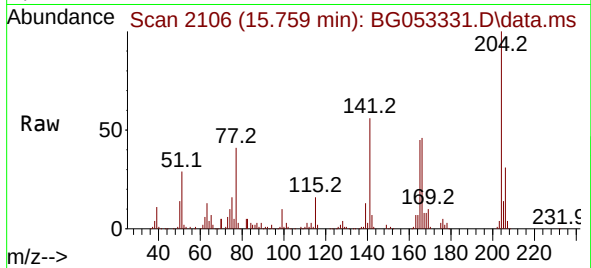




#61
4-Chlorophenyl-phenylether
Concen: 42.714 ng
RT: 15.759 min Scan# 2106
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

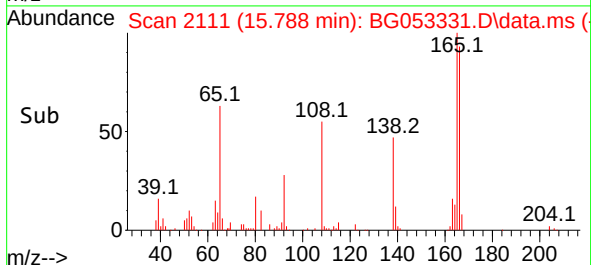
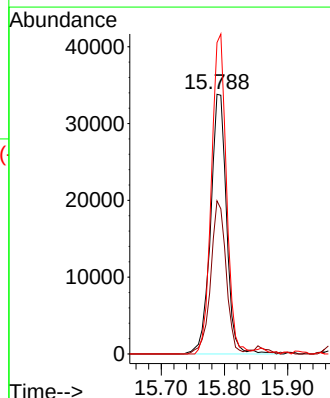
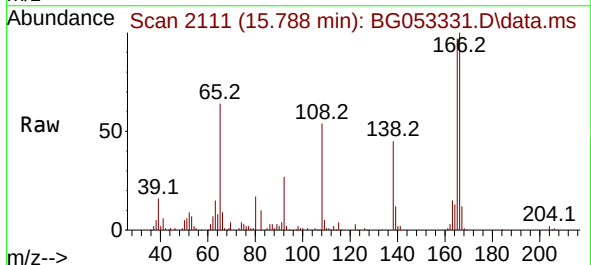
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

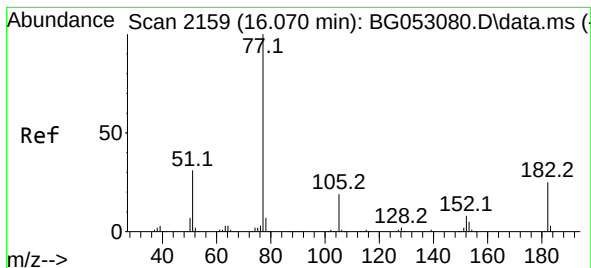
Tgt Ion:204 Resp: 141901
Ion Ratio Lower Upper
204 100
206 31.0 28.3 42.5
141 55.7 45.8 68.8



#62
4-Nitroaniline
Concen: 41.854 ng
RT: 15.788 min Scan# 2111
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:138 Resp: 59205
Ion Ratio Lower Upper
138 100
92 58.9 33.3 73.3
108 119.9 74.2 114.2#





#63

Azobenzene

Concen: 43.316 ng

RT: 16.058 min Scan# 2157

Delta R.T. -0.003 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

Instrument :

BNA_G

ClientSampleId :

MW-30MSD

Tgt Ion: 77 Resp: 278061

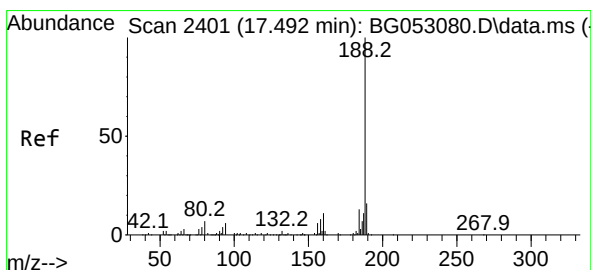
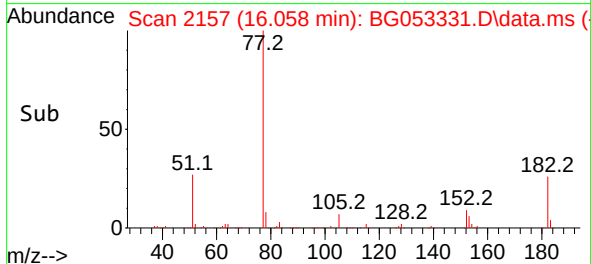
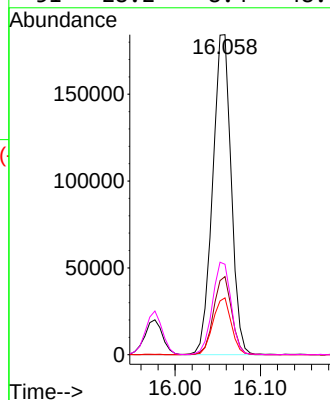
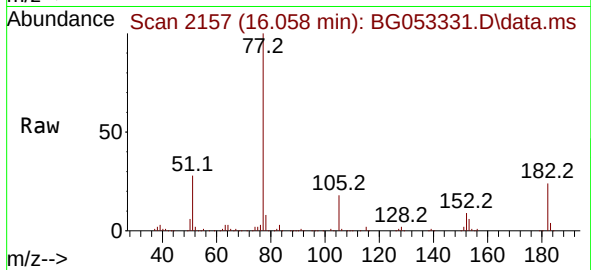
Ion Ratio Lower Upper

77 100

182 24.4 5.6 45.6

105 17.8 0.0 38.8

51 28.2 8.4 48.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.474 min Scan# 2398

Delta R.T. -0.009 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

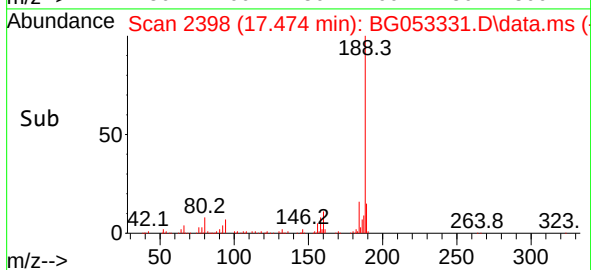
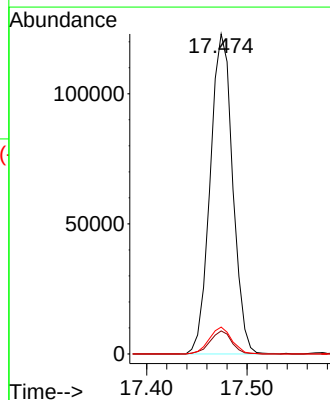
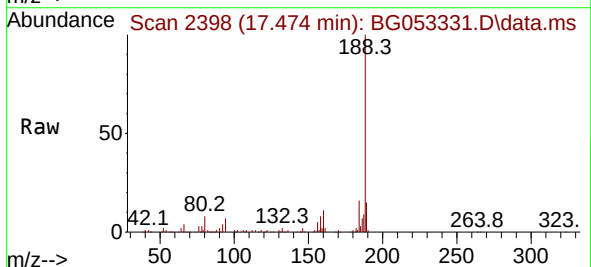
Tgt Ion:188 Resp: 191888

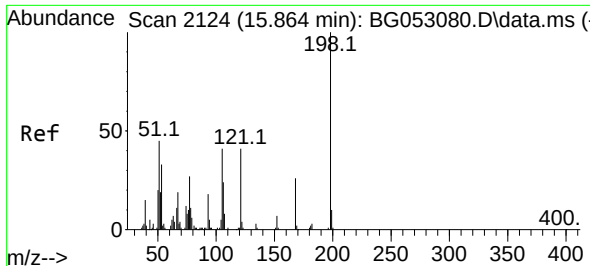
Ion Ratio Lower Upper

188 100

94 7.2 5.7 8.5

80 8.4 7.2 10.8

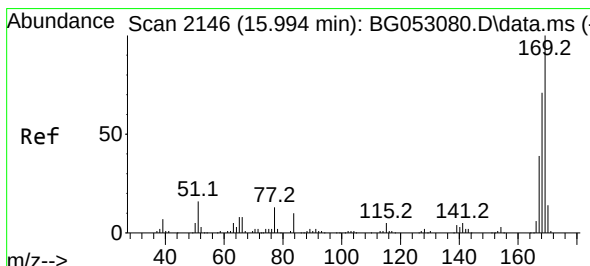
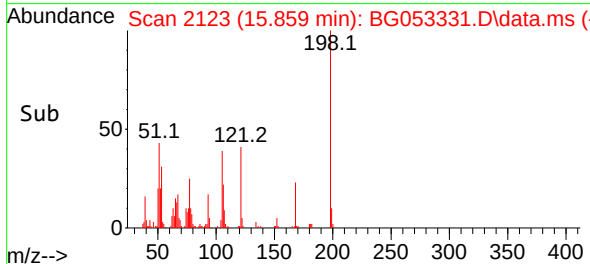
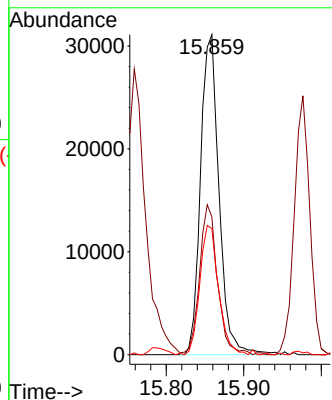
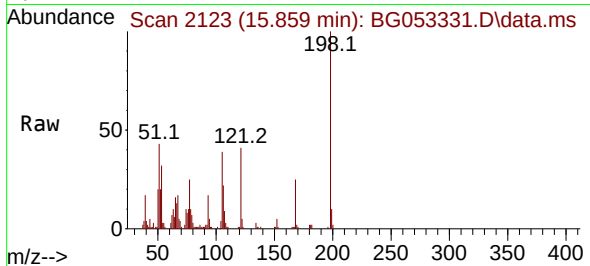




#65
4,6-Dinitro-2-methylphenol
Concen: 38.545 ng
RT: 15.859 min Scan# 2124
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

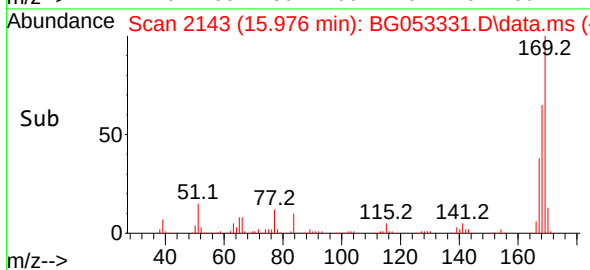
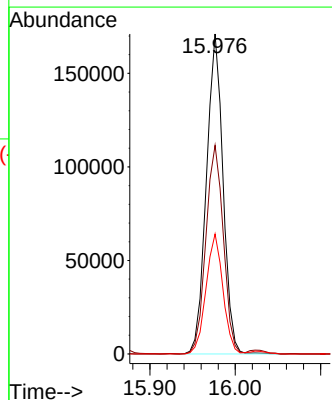
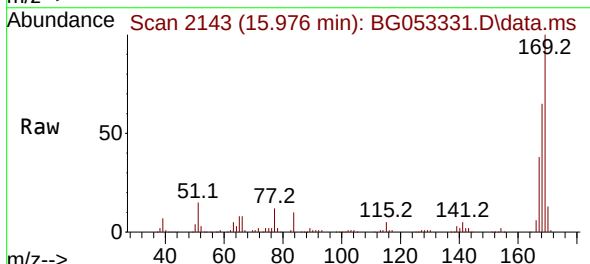
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

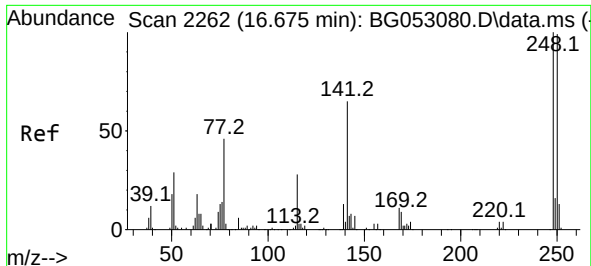
Tgt Ion:198 Resp: 51602
Ion Ratio Lower Upper
198 100
51 43.1 21.7 61.7
105 39.4 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 42.072 ng
RT: 15.976 min Scan# 2143
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:169 Resp: 232156
Ion Ratio Lower Upper
169 100
168 65.2 54.5 81.7
167 37.5 29.6 44.4

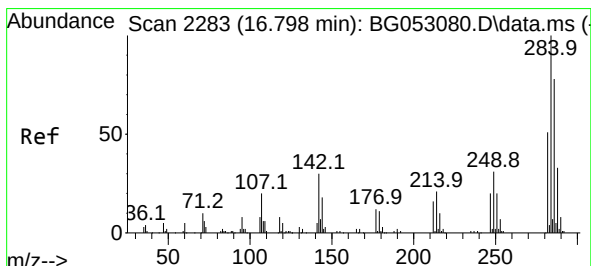
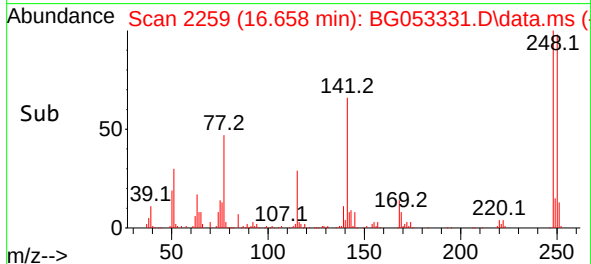
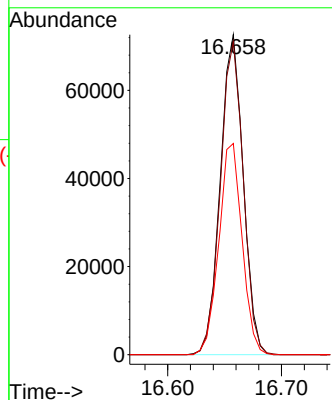
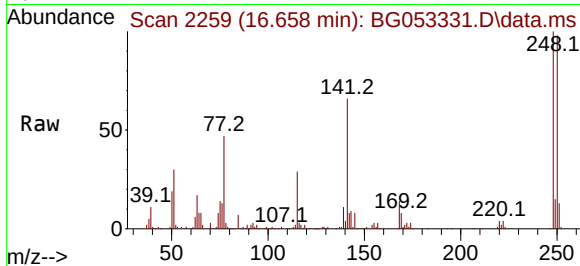




#67
4-Bromophenyl-phenylether
Concen: 41.405 ng
RT: 16.658 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

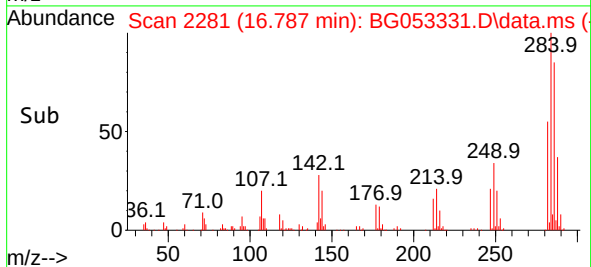
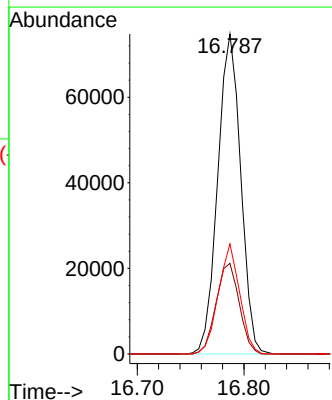
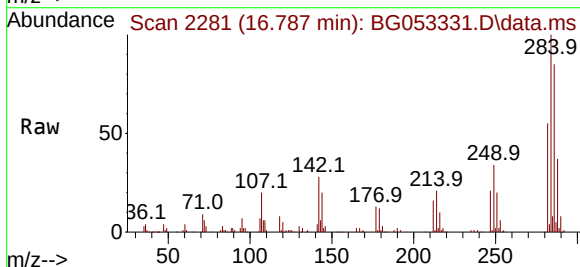
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

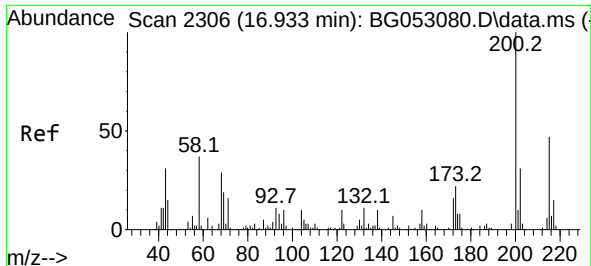
Tgt Ion:248 Resp: 101805
Ion Ratio Lower Upper
248 100
250 97.8 77.9 116.9
141 66.0 49.2 73.8



#68
Hexachlorobenzene
Concen: 41.995 ng
RT: 16.787 min Scan# 2281
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:284 Resp: 111821
Ion Ratio Lower Upper
284 100
142 28.3 21.0 31.4
249 34.4 22.7 34.1#

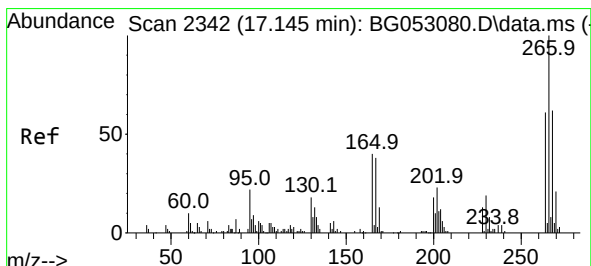
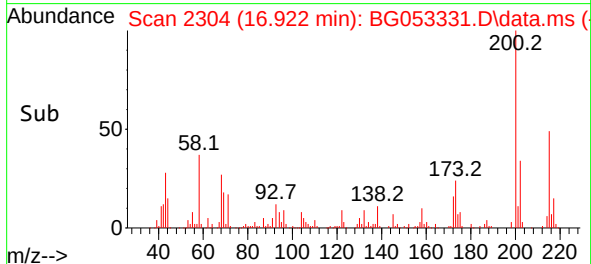
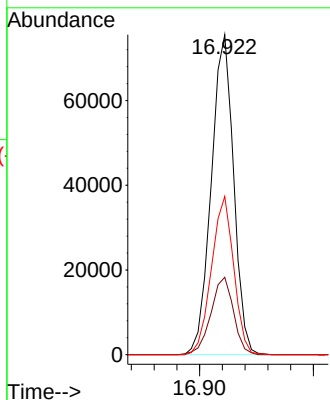
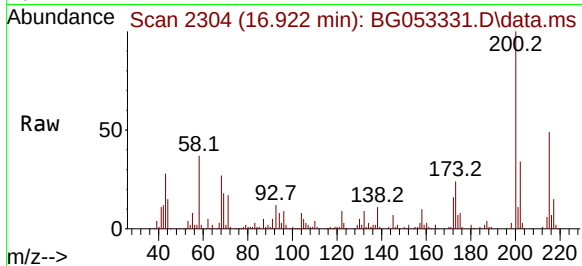




#69
 Atrazine
 Concen: 47.870 ng
 RT: 16.922 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053331.D
 Acq: 26 Apr 2022 22:06

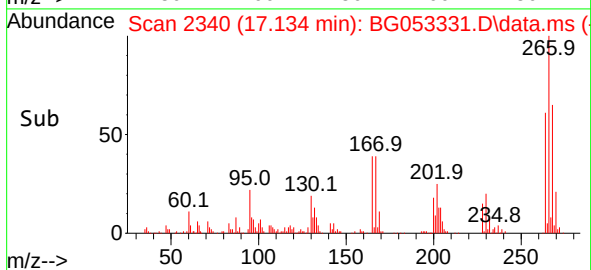
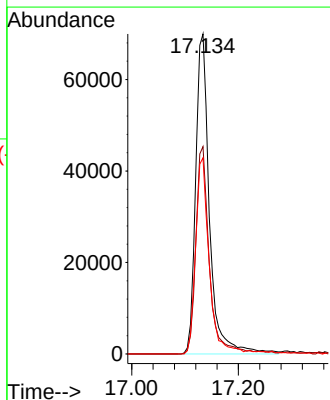
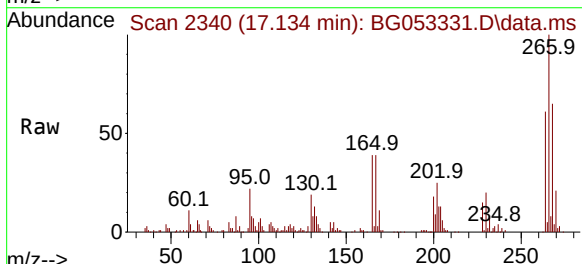
Instrument :
 BNA_G
 ClientSampleId :
 MW-30MSD

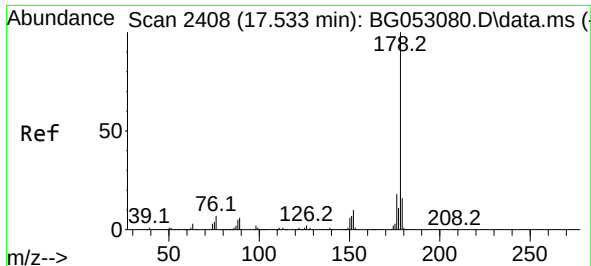
Tgt Ion:200 Resp: 103183
 Ion Ratio Lower Upper
 200 100
 173 24.2 3.8 43.8
 215 49.5 26.3 66.3



#70
 Pentachlorophenol
 Concen: 86.840 ng
 RT: 17.134 min Scan# 2340
 Delta R.T. -0.003 min
 Lab File: BG053331.D
 Acq: 26 Apr 2022 22:06

Tgt Ion:266 Resp: 126373
 Ion Ratio Lower Upper
 266 100
 268 64.8 45.9 68.9
 264 61.3 45.3 67.9

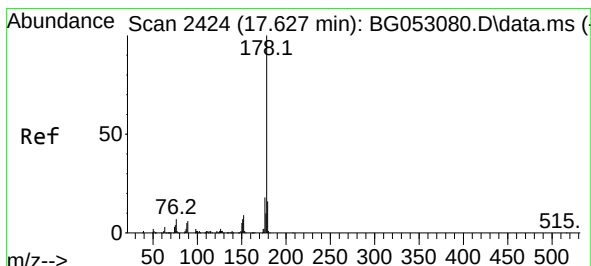
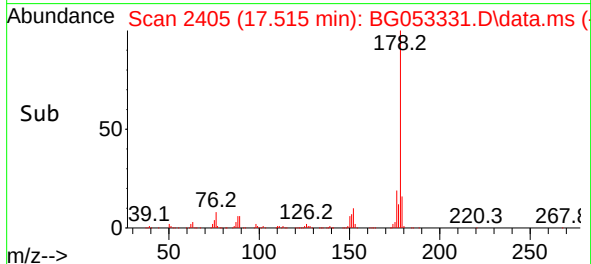
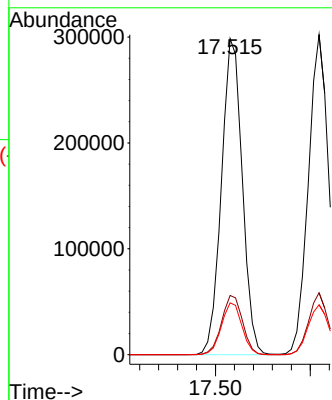
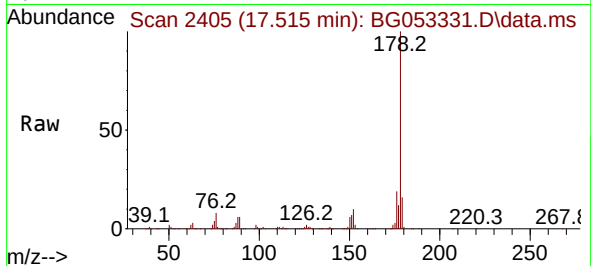




#71
Phenanthrene
Concen: 43.513 ng
RT: 17.515 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

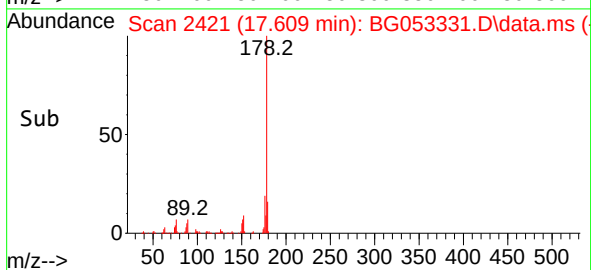
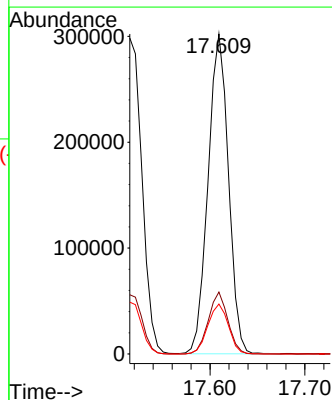
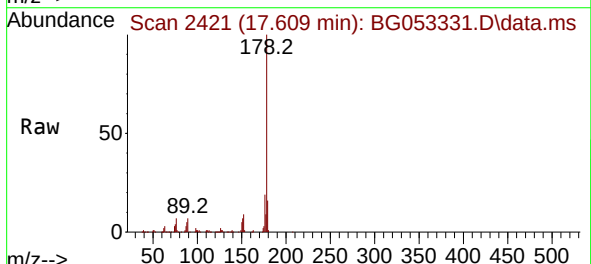
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

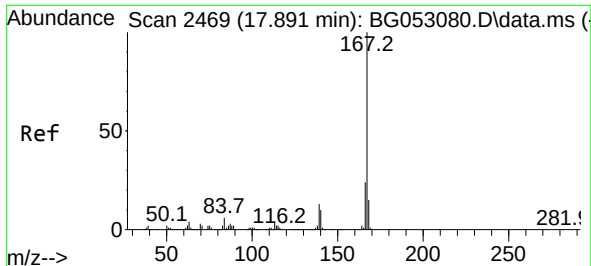
Tgt Ion:178 Resp: 456071
Ion Ratio Lower Upper
178 100
176 18.7 15.9 23.9
179 16.4 13.4 20.2



#72
Anthracene
Concen: 43.426 ng
RT: 17.609 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:178 Resp: 450927
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 15.6 13.2 19.8

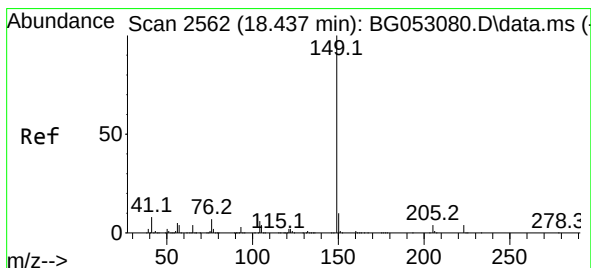
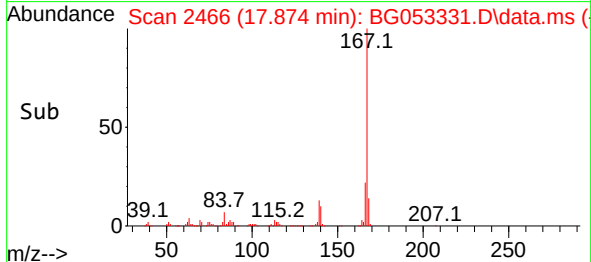
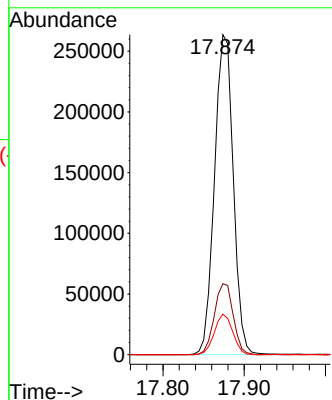
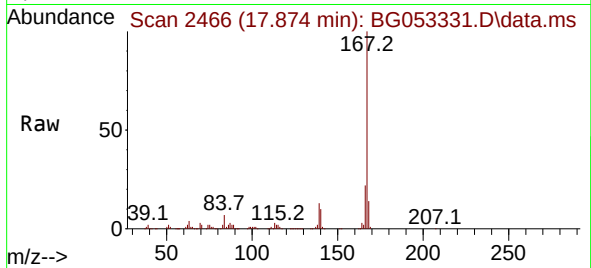




#73
Carbazole
Concen: 42.029 ng
RT: 17.874 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

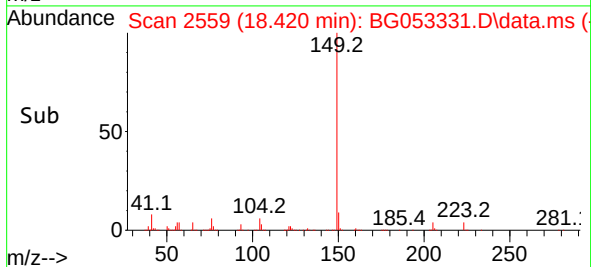
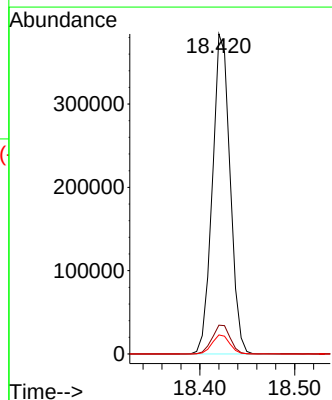
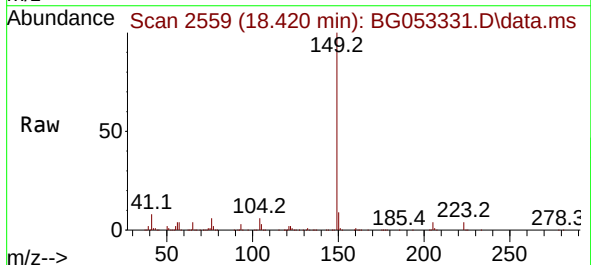
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

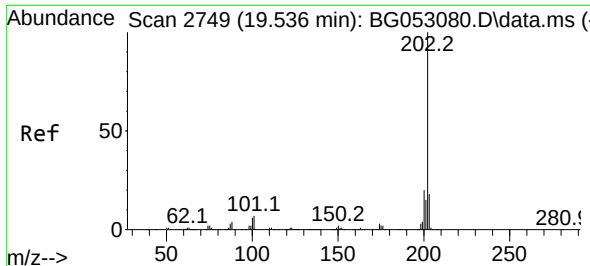
Tgt Ion:167 Resp: 424222
Ion Ratio Lower Upper
167 100
166 22.2 18.5 27.7
139 12.7 10.0 15.0



#74
Di-n-butylphthalate
Concen: 43.432 ng
RT: 18.420 min Scan# 2559
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:149 Resp: 497192
Ion Ratio Lower Upper
149 100
150 9.0 7.0 10.6
104 6.0 4.6 7.0

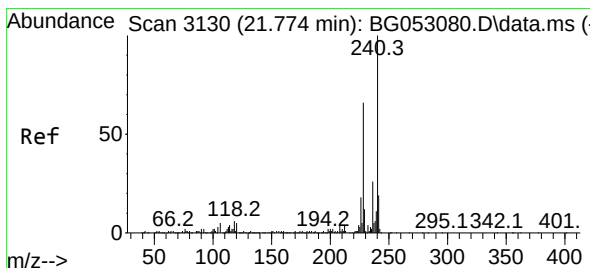
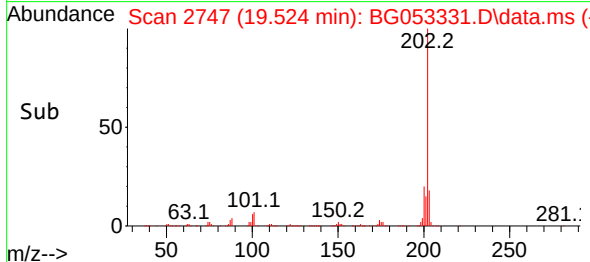
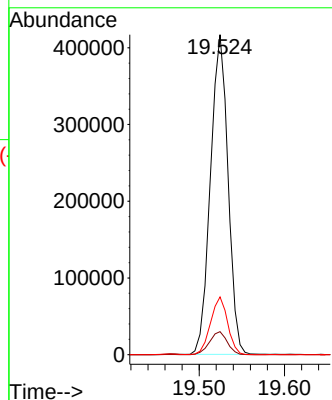
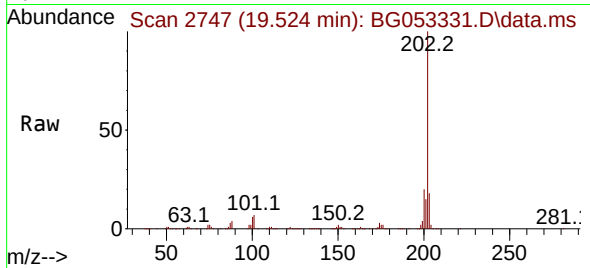




#75
Fluoranthene
Concen: 44.391 ng
RT: 19.524 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

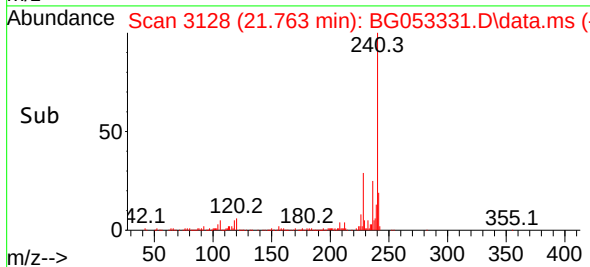
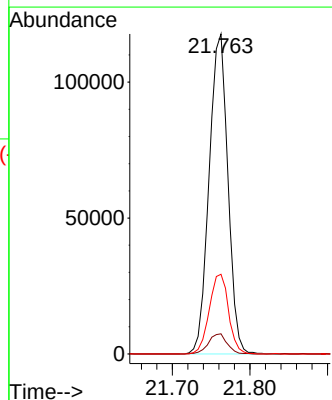
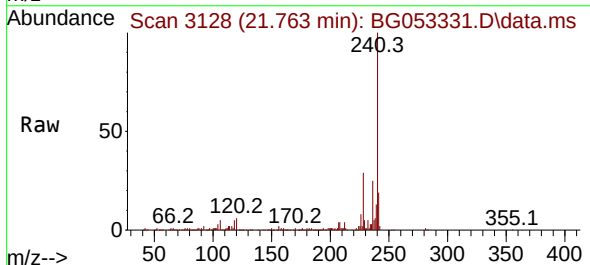
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

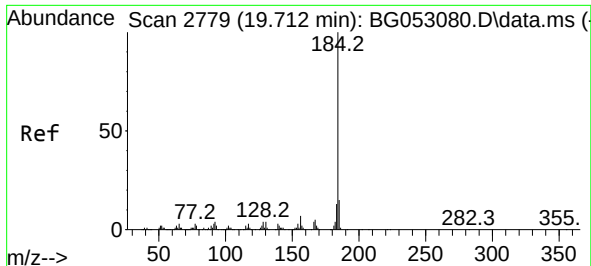
Tgt Ion:202 Resp: 596404
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.3
203 18.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:240 Resp: 197843
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 24.9 19.8 29.6

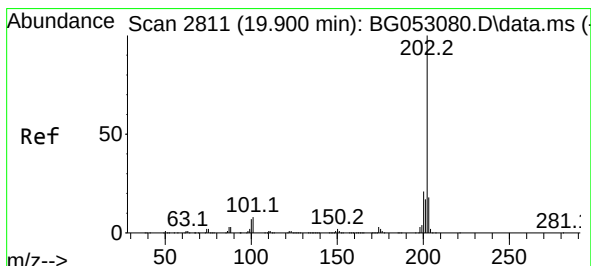
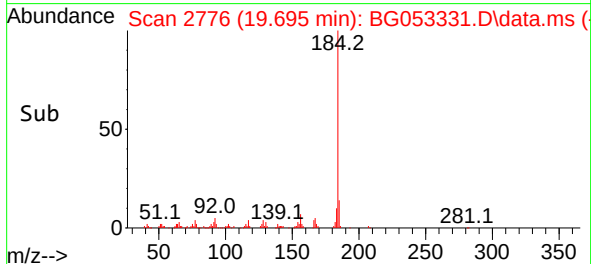
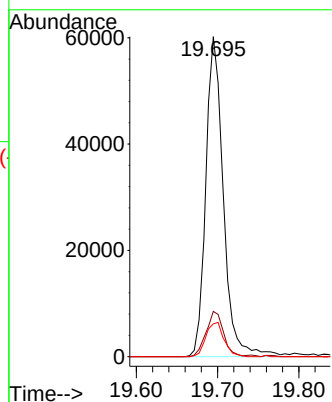
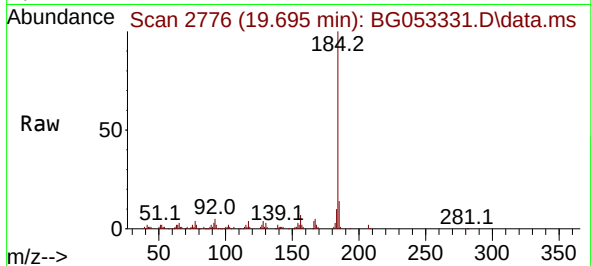




#77
Benzidine
Concen: 15.999 ng
RT: 19.695 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

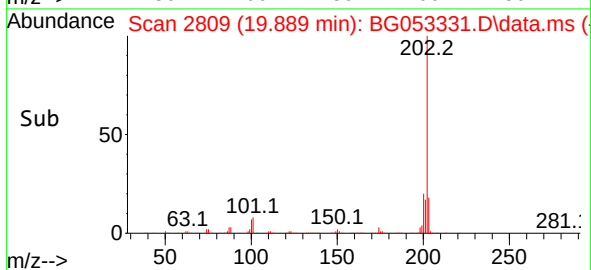
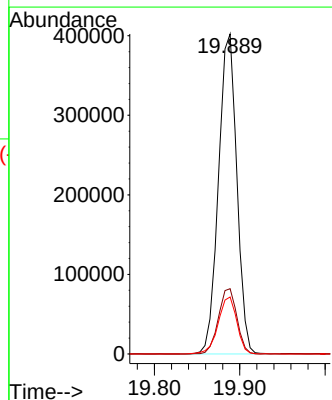
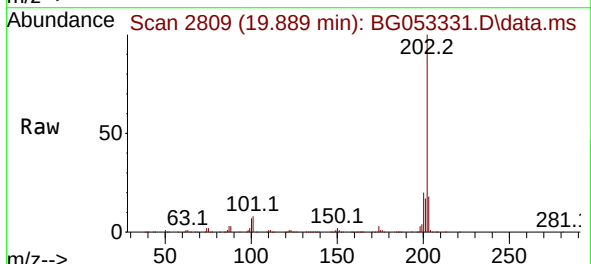
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

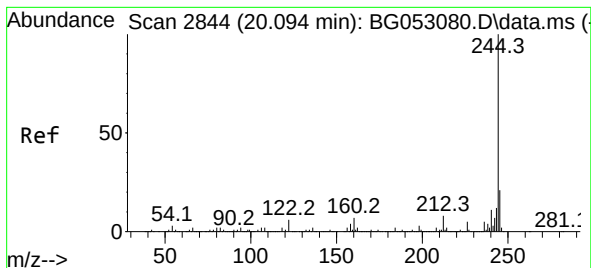
Tgt Ion:184 Resp: 90308
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 10.3 9.4 14.2



#78
Pyrene
Concen: 42.583 ng
RT: 19.889 min Scan# 2809
Delta R.T. -0.003 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:202 Resp: 600018
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.6
203 17.8 15.0 22.6





#79

Terphenyl-d14

Concen: 79.852 ng

RT: 20.077 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

Instrument :

BNA_G

ClientSampleId :

MW-30MSD

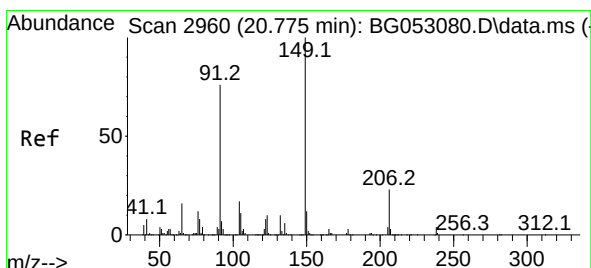
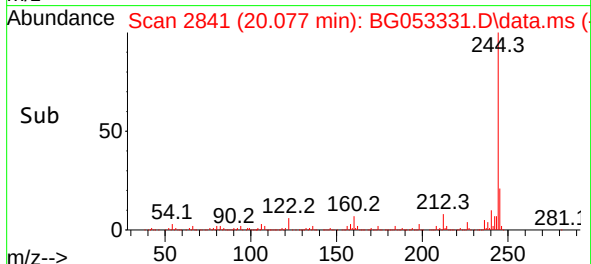
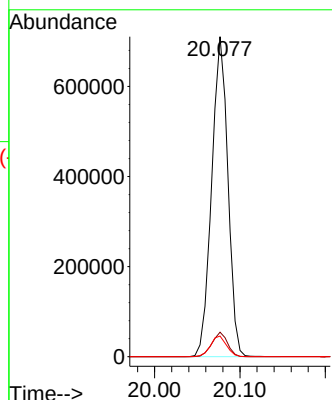
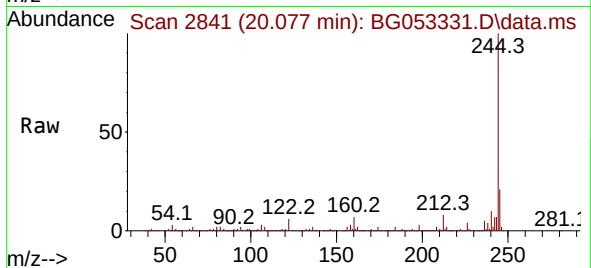
Tgt Ion:244 Resp: 935413

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.2

122 6.5 5.8 8.6



#80

Butylbenzylphthalate

Concen: 42.384 ng

RT: 20.758 min Scan# 2957

Delta R.T. -0.009 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

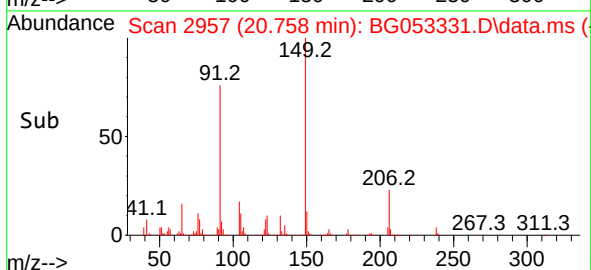
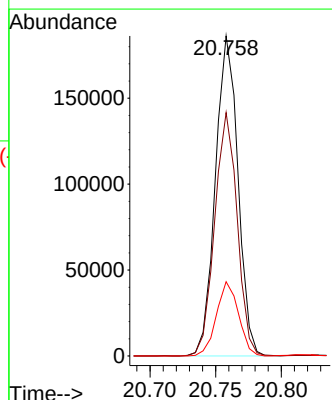
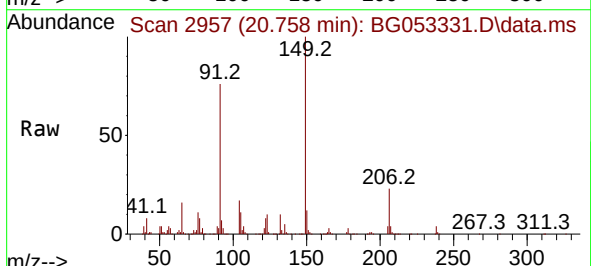
Tgt Ion:149 Resp: 222650

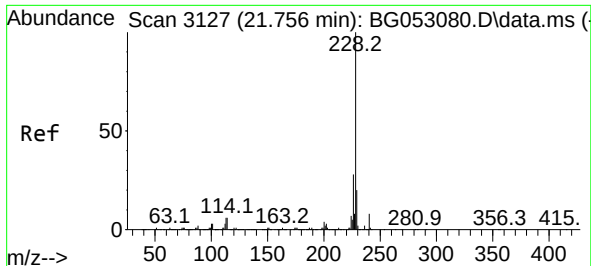
Ion Ratio Lower Upper

149 100

91 76.0 60.2 90.4

206 23.2 19.4 29.2

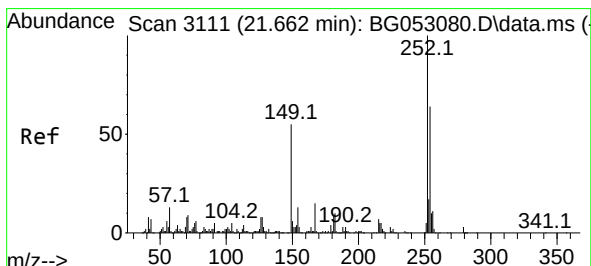
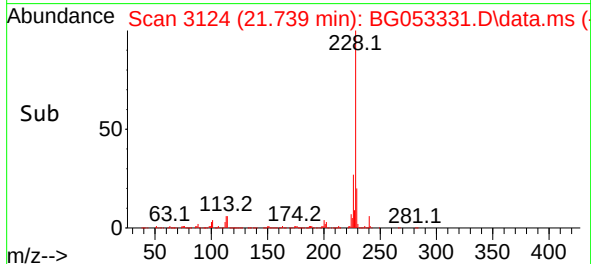
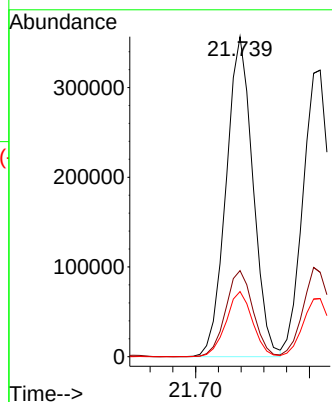
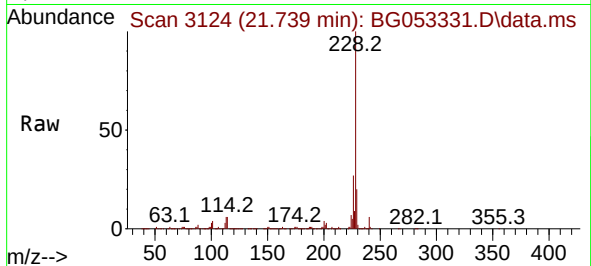




#81
Benzo(a)anthracene
Concen: 43.172 ng
RT: 21.739 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

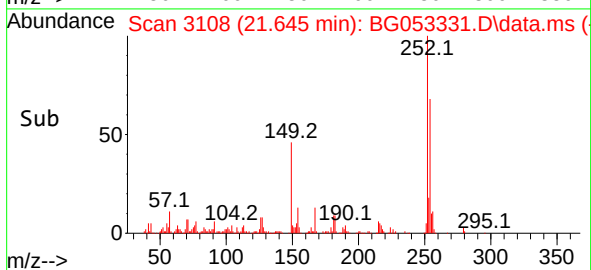
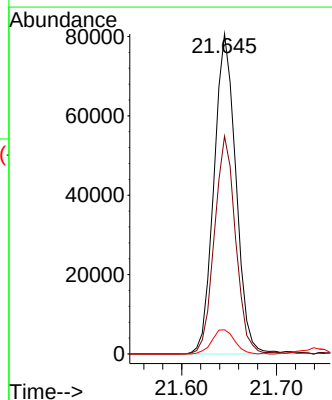
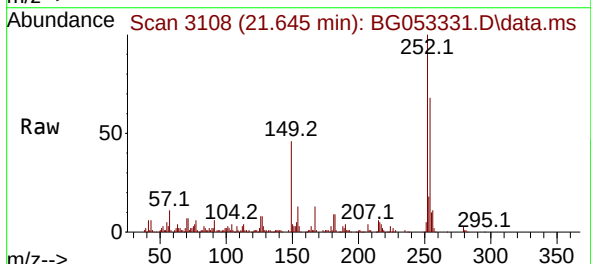
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

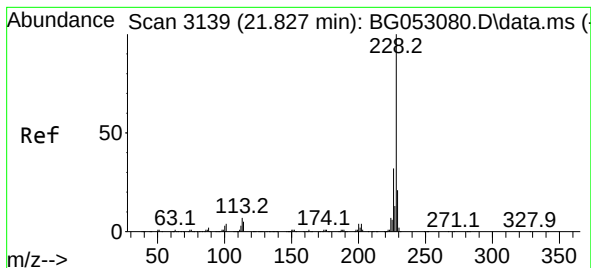
Tgt Ion:228 Resp: 583990
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 20.4 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 26.045 ng
RT: 21.645 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:252 Resp: 129567
Ion Ratio Lower Upper
252 100
254 68.0 51.2 76.8
126 7.5 5.8 8.8





#83

Chrysene

Concen: 42.324 ng

RT: 21.810 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

Instrument :

BNA_G

ClientSampleId :

MW-30MSD

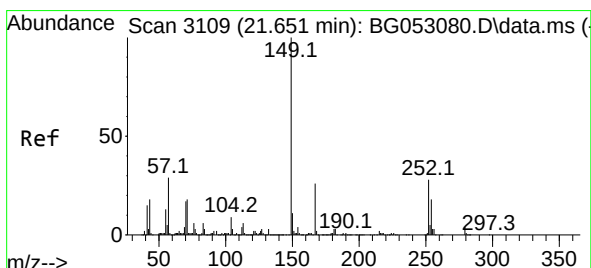
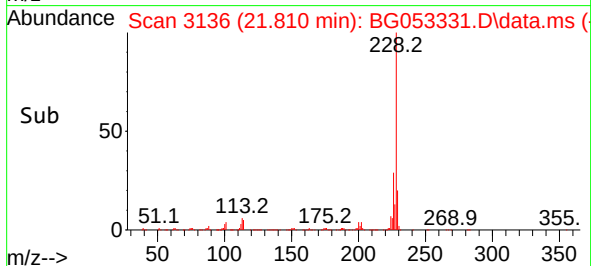
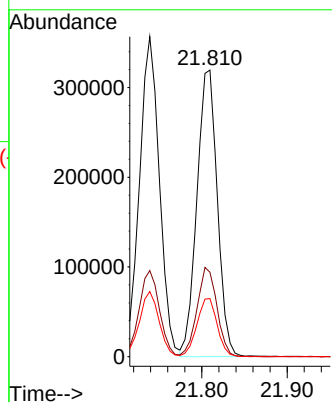
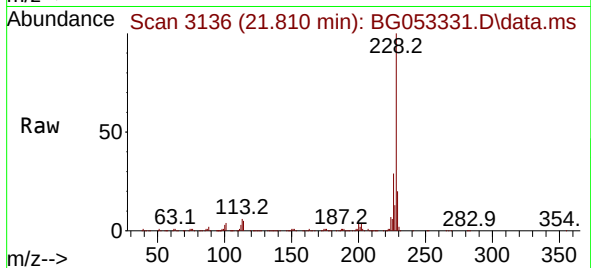
Tgt Ion:228 Resp: 531336

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.4

229 20.3 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.784 ng

RT: 21.627 min Scan# 3105

Delta R.T. -0.009 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

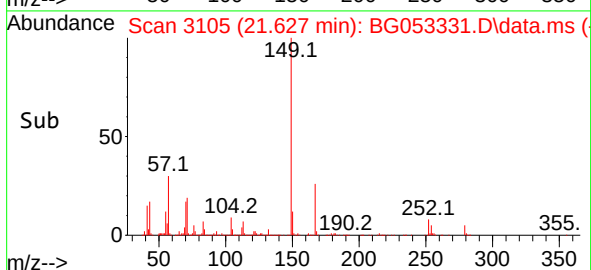
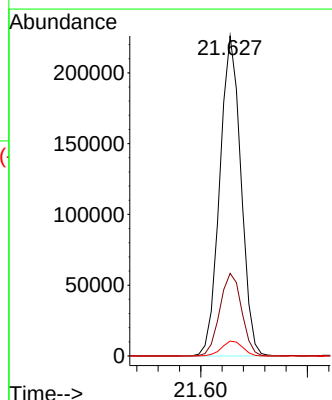
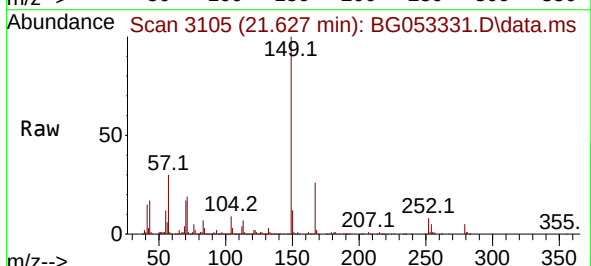
Tgt Ion:149 Resp: 310894

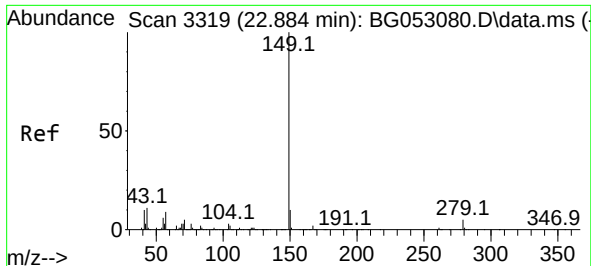
Ion Ratio Lower Upper

149 100

167 25.8 21.4 32.2

279 4.7 3.8 5.8

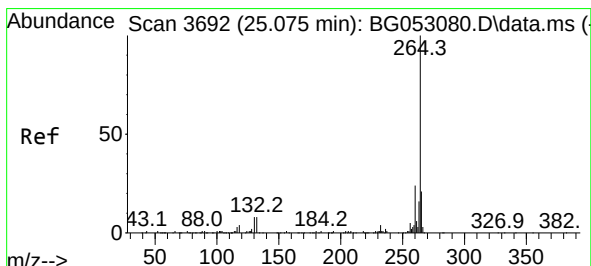
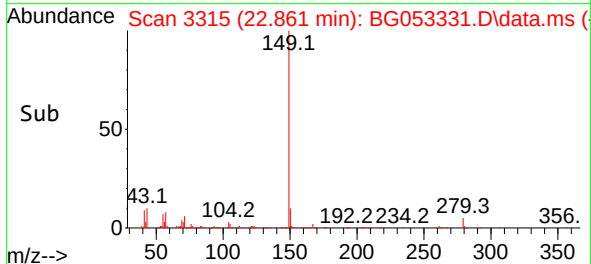
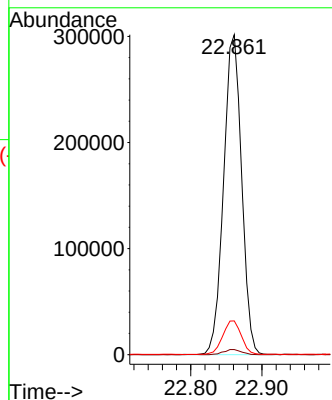
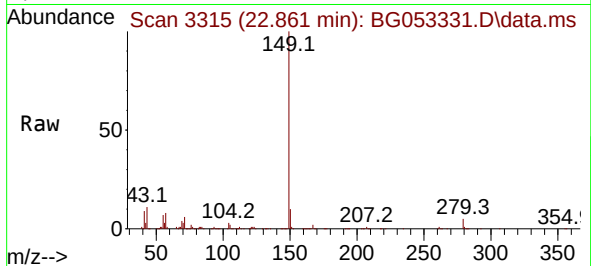




#85
Di-n-octyl phthalate
Concen: 44.545 ng
RT: 22.861 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

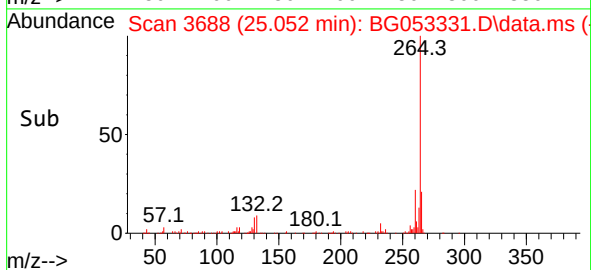
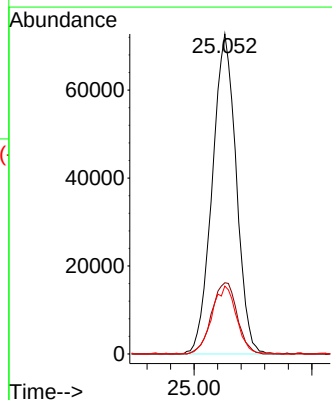
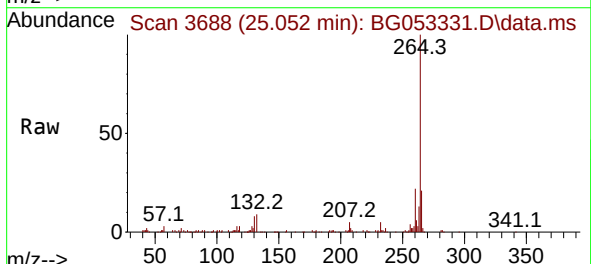
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

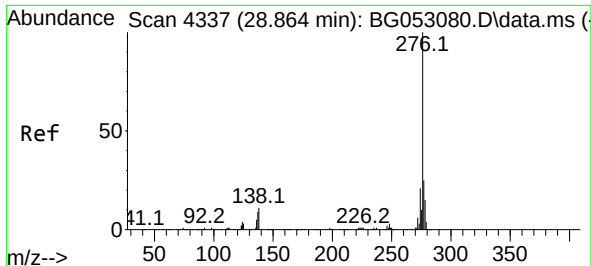
Tgt Ion:149 Resp: 528993
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.052 min Scan# 3688
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:264 Resp: 205301
Ion Ratio Lower Upper
264 100
260 22.3 18.2 27.2
265 21.2 15.1 22.7

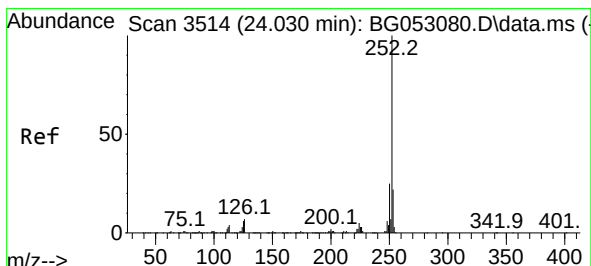
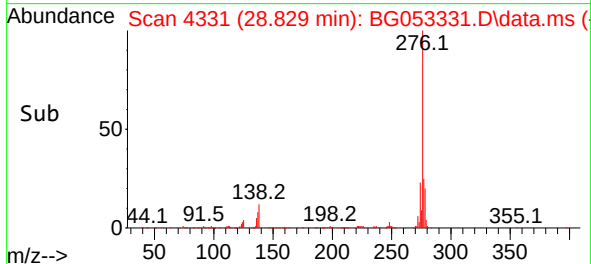
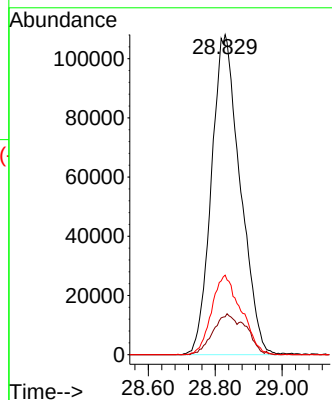
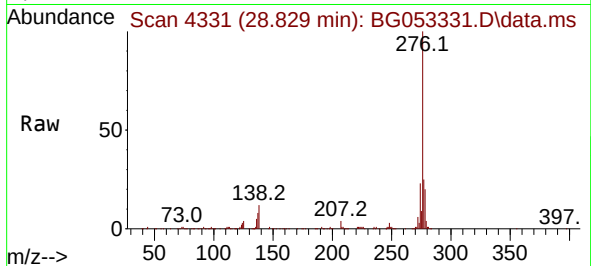




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.313 ng
 RT: 28.829 min Scan# 41
 Delta R.T. -0.021 min
 Lab File: BG053331.D
 Acq: 26 Apr 2022 22:06

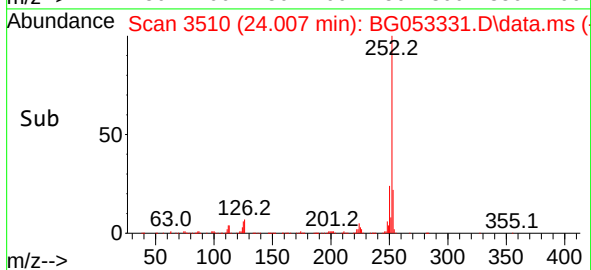
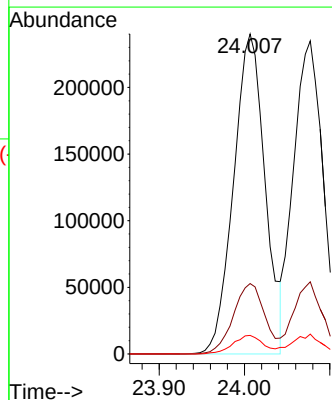
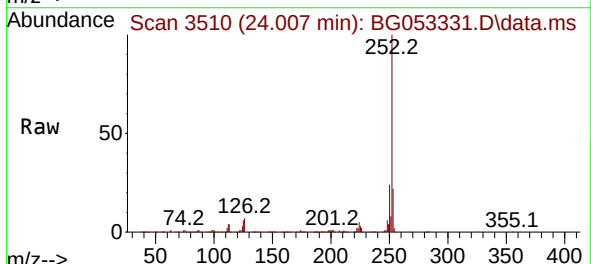
Instrument :
 BNA_G
 ClientSampleId :
 MW-30MSD

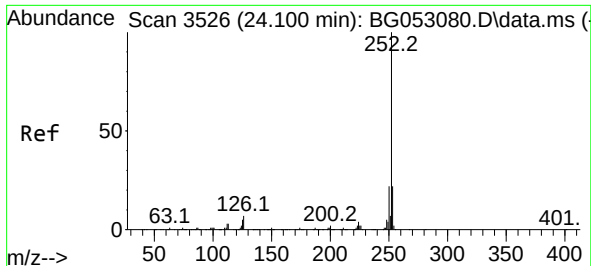
Tgt Ion:276 Resp: 645391
 Ion Ratio Lower Upper
 276 100
 138 9.9 8.7 13.1
 277 25.5 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 47.553 ng
 RT: 24.007 min Scan# 3510
 Delta R.T. -0.015 min
 Lab File: BG053331.D
 Acq: 26 Apr 2022 22:06

Tgt Ion:252 Resp: 615968
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.2 25.8
 125 5.8 5.2 7.8

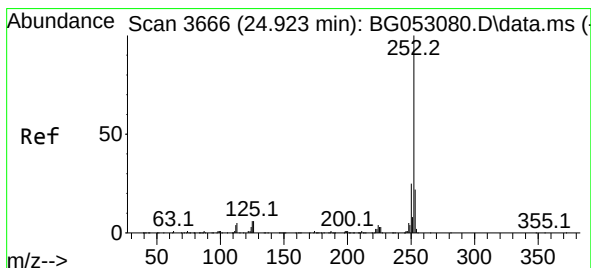
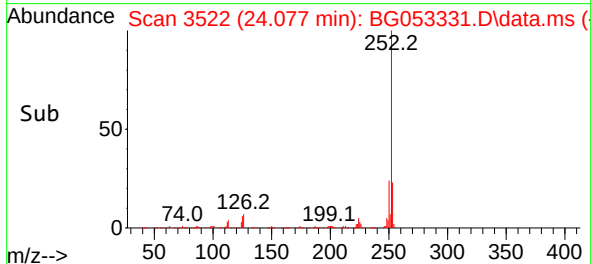
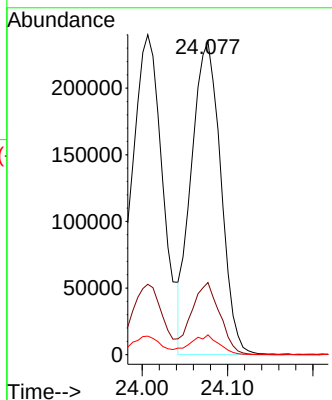
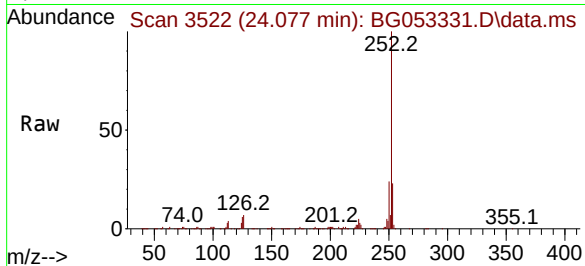




#89
Benzo(k)fluoranthene
Concen: 44.225 ng
RT: 24.077 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

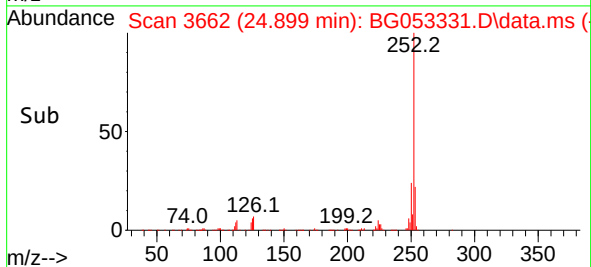
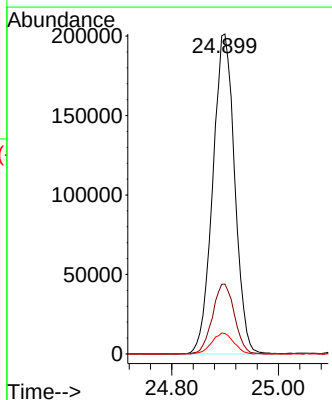
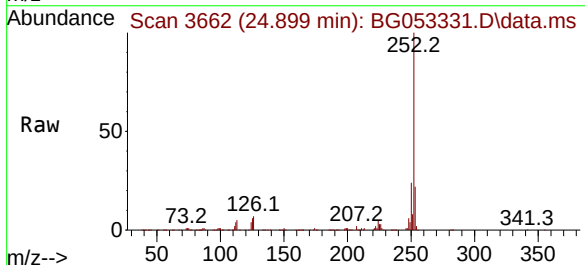
Instrument :
BNA_G
ClientSampleId :
MW-30MSD

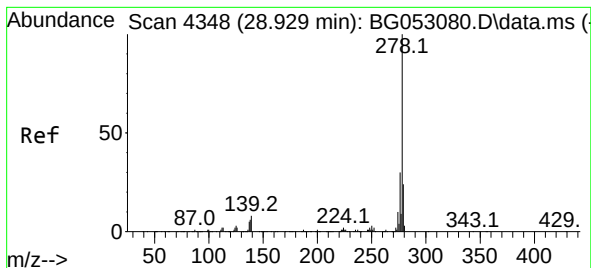
Tgt Ion:252 Resp: 563009
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 6.4 5.0 7.4



#90
Benzo(a)pyrene
Concen: 52.007 ng
RT: 24.899 min Scan# 3662
Delta R.T. -0.015 min
Lab File: BG053331.D
Acq: 26 Apr 2022 22:06

Tgt Ion:252 Resp: 573902
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 6.4 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 44.650 ng

RT: 28.888 min Scan# 41

Delta R.T. -0.015 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

Instrument :

BNA_G

ClientSampleId :

MW-30MSD

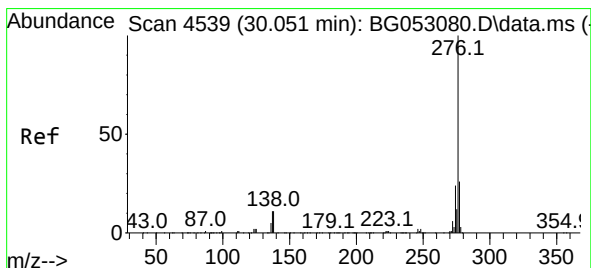
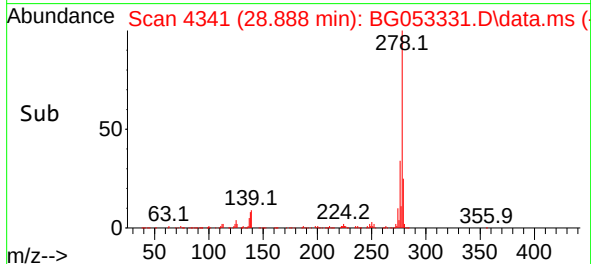
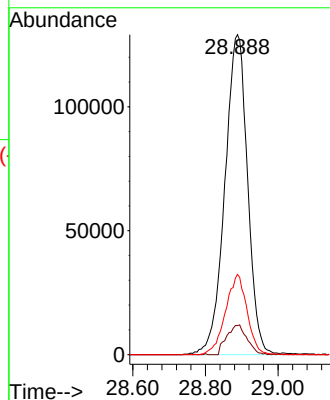
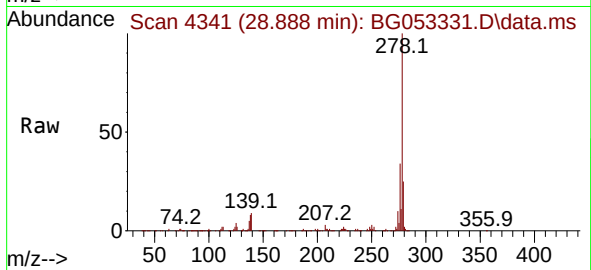
Tgt Ion:278 Resp: 560525

Ion Ratio Lower Upper

278 100

139 9.1 7.8 11.6

279 25.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 45.434 ng

RT: 30.016 min Scan# 4533

Delta R.T. -0.021 min

Lab File: BG053331.D

Acq: 26 Apr 2022 22:06

Tgt Ion:276 Resp: 562181

Ion Ratio Lower Upper

276 100

277 24.8 18.2 27.2

138 11.1 9.1 13.7

