

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053315.D
 Acq On : 26 Apr 2022 11:19
 Operator : CG/JU
 Sample : PB144297BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144297BS

Quant Time: Apr 27 03:36:26 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	28870	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	123686	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	96436	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	231405	20.000	ng	0.00
76) Chrysene-d12	21.763	240	226104	20.000	ng	0.00
86) Perylene-d12	25.052	264	222387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	231463	137.433	ng	0.00
7) Phenol-d6	7.271	99	340072	130.939	ng	0.00
23) Nitrobenzene-d5	9.268	82	232684	76.385	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	180411	117.588	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	530699	75.883	ng	0.00
79) Terphenyl-d14	20.077	244	1072866	80.139	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	22034	27.395	ng	90
3) Pyridine	3.946	79	60134	28.348	ng	# 90
4) n-Nitrosodimethylamine	3.858	42	41370	39.382	ng	87
6) Aniline	7.423	93	107952	35.865	ng	97
8) 2-Chlorophenol	7.676	128	85647	47.105	ng	99
9) Benzaldehyde	7.235	77	42928	27.651	ng	92
10) Phenol	7.300	94	119887	46.374	ng	89
11) bis(2-Chloroethyl)ether	7.517	93	82078	44.043	ng	90
12) 1,3-Dichlorobenzene	7.993	146	86173	40.786	ng	95
13) 1,4-Dichlorobenzene	8.140	146	87563	40.652	ng	94
14) 1,2-Dichlorobenzene	8.463	146	85331	41.081	ng	95
15) Benzyl Alcohol	8.340	79	101253	43.861	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.628	45	128117	41.178	ng	98
17) 2-Methylphenol	8.551	107	81467	46.568	ng	96
18) Hexachloroethane	9.192	117	33322	41.254	ng	97
19) n-Nitroso-di-n-propyla...	8.910	70	79212	41.659	ng	93
20) 3+4-Methylphenols	8.880	107	113528	45.970	ng	94
22) Acetophenone	8.927	105	138478	40.356	ng	96
24) Nitrobenzene	9.309	77	122103	41.210	ng	91
25) Isophorone	9.832	82	220190	42.527	ng	96
26) 2-Nitrophenol	10.026	139	49564	40.004	ng	# 88
27) 2,4-Dimethylphenol	10.084	122	88624	49.945	ng	90
28) bis(2-Chloroethoxy)met...	10.314	93	115360	39.659	ng	99
29) 2,4-Dichlorophenol	10.572	162	95170	42.663	ng	94
30) 1,2,4-Trichlorobenzene	10.784	180	99189	39.287	ng	99
31) Naphthalene	10.971	128	268734	40.724	ng	99
32) Benzoic acid	10.249	122	41050	36.488	ng	# 90
33) 4-Chloroaniline	11.071	127	75279	26.639	ng	95
34) Hexachlorobutadiene	11.253	225	72575	38.698	ng	97
35) Caprolactam	11.841	113	18761	23.860	ng	92
36) 4-Chloro-3-methylphenol	12.193	107	109435	42.139	ng	93
37) 2-Methylnaphthalene	12.569	142	196136	40.168	ng	95
38) 1-Methylnaphthalene	12.787	142	187992	39.443	ng	96
40) 1,2,4,5-Tetrachloroben...	12.934	216	125576	38.340	ng	98
41) Hexachlorocyclopentadiene	12.916	237	134472	79.533	ng	93
43) 2,4,6-Trichlorophenol	13.174	196	87298	38.658	ng	99

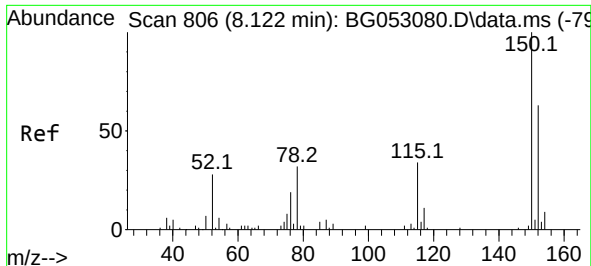
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	93710	38.942	ng	96
46) 1,1'-Biphenyl	13.568	154	271442	39.086	ng	100
47) 2-Chloronaphthalene	13.615	162	216881	39.144	ng	97
48) 2-Nitroaniline	13.809	65	82917	39.434	ng	90
49) Acenaphthylene	14.455	152	362762	41.825	ng	98
50) Dimethylphthalate	14.179	163	297197	38.530	ng	100
51) 2,6-Dinitrotoluene	14.302	165	63981	39.761	ng	87
52) Acenaphthene	14.796	154	206006	35.024	ng	97
53) 3-Nitroaniline	14.631	138	50061	29.421	ng	# 87
54) 2,4-Dinitrophenol	14.843	184	81879	79.970	ng	# 88
55) Dibenzofuran	15.131	168	350348	38.040	ng	96
56) 4-Nitrophenol	14.948	139	104410	80.458	ng	# 83
57) 2,4-Dinitrotoluene	15.089	165	93134	40.654	ng	# 84
58) Fluorene	15.777	166	287225	38.613	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.360	232	88878	38.032	ng	100
60) Diethylphthalate	15.536	149	304653	37.697	ng	99
61) 4-Chlorophenyl-phenyle...	15.765	204	158724	37.641	ng	97
62) 4-Nitroaniline	15.794	138	69190	38.536	ng	# 84
63) Azobenzene	16.059	77	305901	37.543	ng	99
65) 4,6-Dinitro-2-methylph...	15.859	198	59479	36.842	ng	95
66) n-Nitrosodiphenylamine	15.976	169	262104	39.388	ng	98
67) 4-Bromophenyl-phenylether	16.658	248	116368	39.246	ng	98
68) Hexachlorobenzene	16.787	284	125873	39.200	ng	95
69) Atrazine	16.922	200	113229	43.560	ng	97
70) Pentachlorophenol	17.134	266	141233	80.478	ng	94
71) Phenanthrene	17.521	178	498209	39.416	ng	98
72) Anthracene	17.610	178	501510	40.050	ng	99
73) Carbazole	17.874	167	469321	38.557	ng	100
74) Di-n-butylphthalate	18.426	149	547573	39.665	ng	98
75) Fluoranthene	19.525	202	651542	40.214	ng	100
77) Benzidine	19.695	184	235178	36.455	ng	99
78) Pyrene	19.889	202	642556	39.903	ng	99
80) Butylbenzylphthalate	20.758	149	234675	39.090	ng	97
81) Benzo(a)anthracene	21.739	228	613609	39.692	ng	99
82) 3,3'-Dichlorobenzidine	21.645	252	159488	28.052	ng	98
83) Chrysene	21.810	228	566171	39.462	ng	99
84) Bis(2-ethylhexyl)phtha...	21.628	149	322379	39.726	ng	100
85) Di-n-octyl phthalate	22.861	149	536084	39.500	ng	96
87) Indeno(1,2,3-cd)pyrene	28.836	276	656825	39.754	ng	# 97
88) Benzo(b)fluoranthene	24.007	252	610245	43.492	ng	99
89) Benzo(k)fluoranthene	24.077	252	589545	42.751	ng	97
90) Benzo(a)pyrene	24.906	252	580961	48.602	ng	99
91) Dibenzo(a,h)anthracene	28.894	278	573529	42.176	ng	99
92) Benzo(g,h,i)perylene	30.016	276	573732	42.806	ng	98

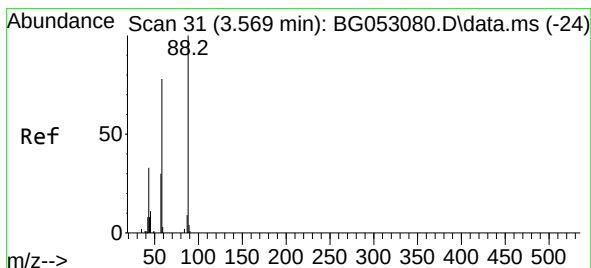
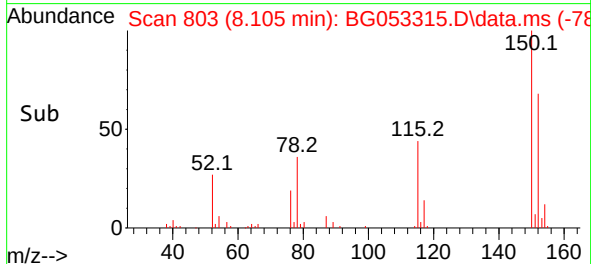
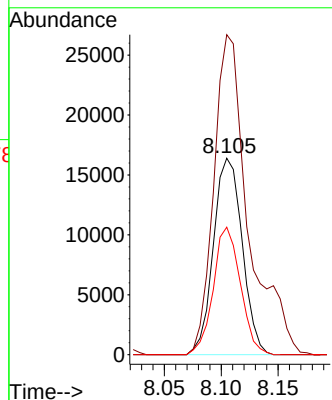
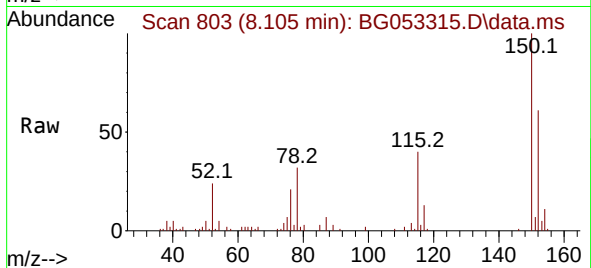
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.105 min Scan# 80
 Delta R.T. -0.008 min
 Lab File: BG053315.D
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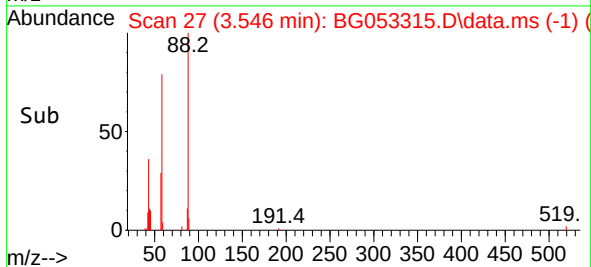
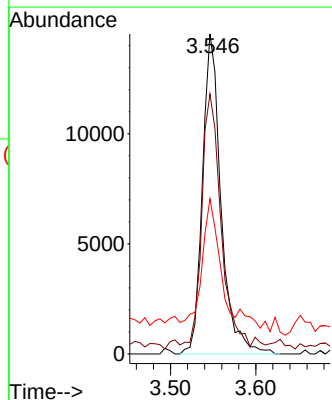
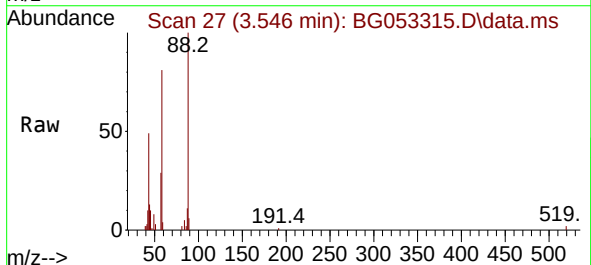
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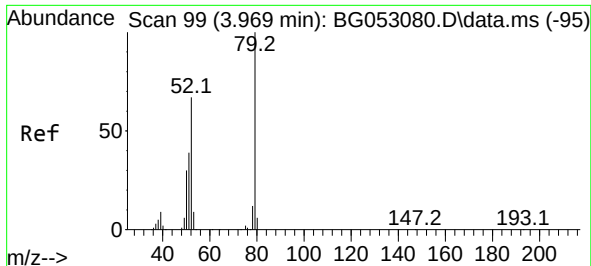
Tgt Ion:152 Resp: 28870
 Ion Ratio Lower Upper
 152 100
 150 162.8 114.6 172.0
 115 64.9 45.9 68.9



#2
 1,4-Dioxane
 Concen: 27.395 ng
 RT: 3.546 min Scan# 27
 Delta R.T. -0.009 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

Tgt Ion: 88 Resp: 22034
 Ion Ratio Lower Upper
 88 100
 58 81.4 58.2 87.2
 43 33.6 23.4 35.0

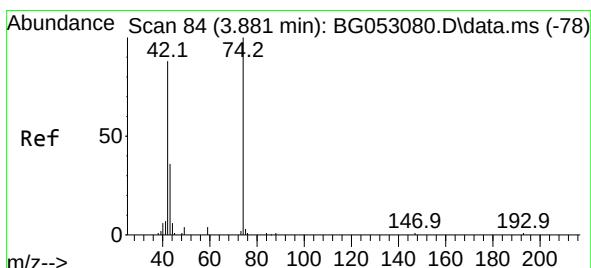
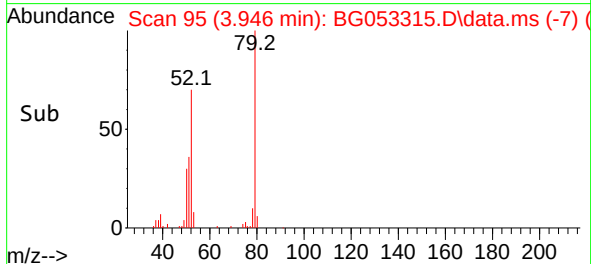
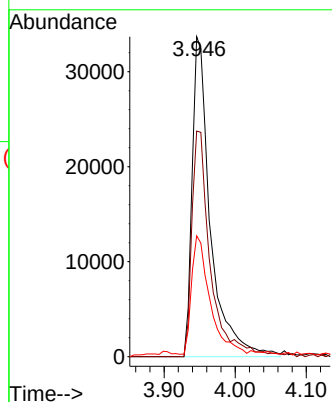
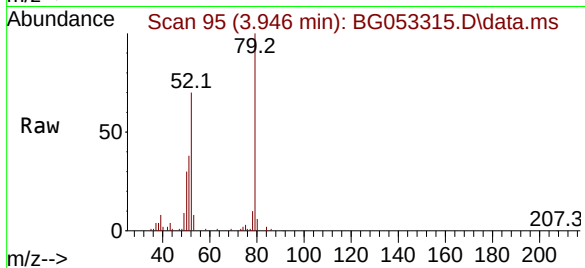




#3
 Pyridine
 Concen: 28.348 ng
 RT: 3.946 min Scan# 91
 Delta R.T. -0.015 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

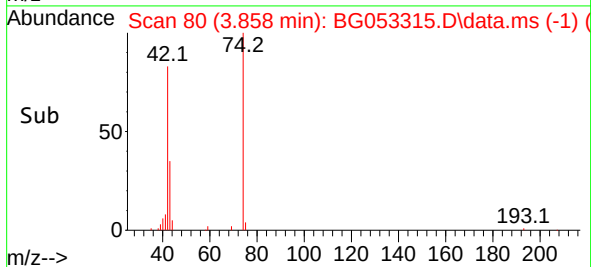
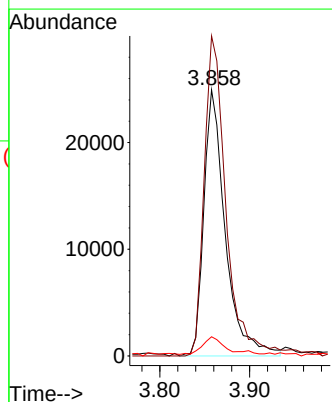
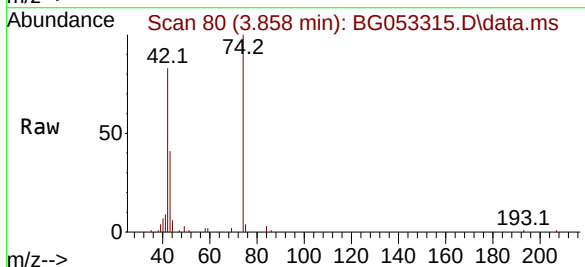
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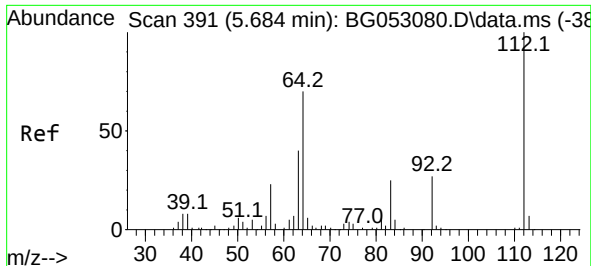
Tgt Ion: 79 Resp: 60134
 Ion Ratio Lower Upper
 79 100
 52 70.5 50.9 76.3
 51 37.8 24.4 36.6#



#4
 n-Nitrosodimethylamine
 Concen: 39.382 ng
 RT: 3.858 min Scan# 80
 Delta R.T. -0.009 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

Tgt Ion: 42 Resp: 41370
 Ion Ratio Lower Upper
 42 100
 74 120.3 108.9 163.3
 44 7.2 5.7 8.5

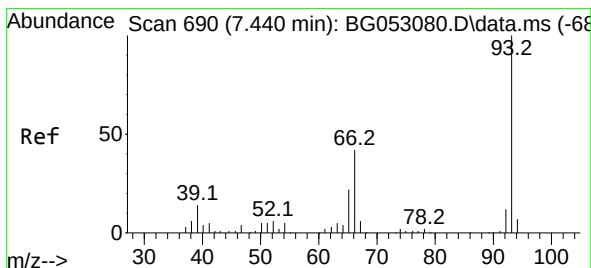
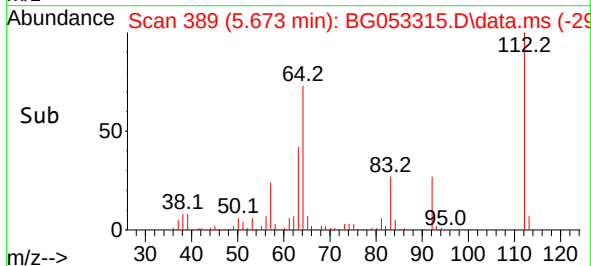
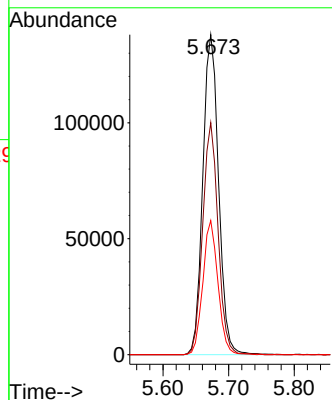
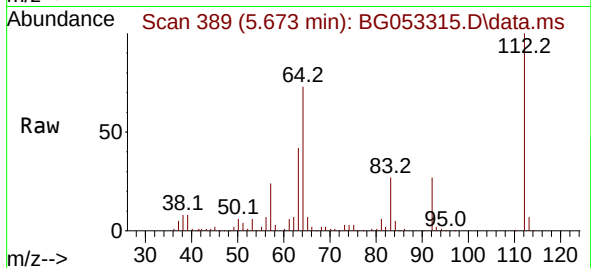




#5
2-Fluorophenol
Concen: 137.433 ng
RT: 5.673 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

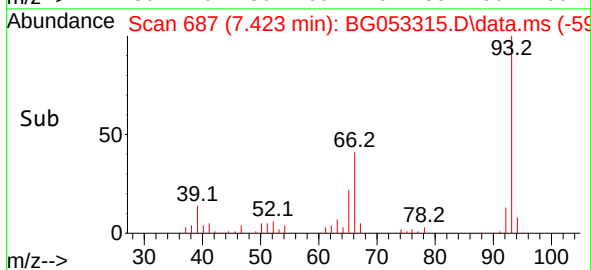
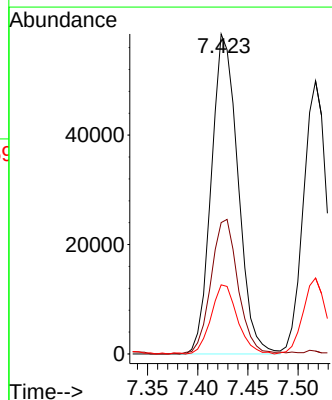
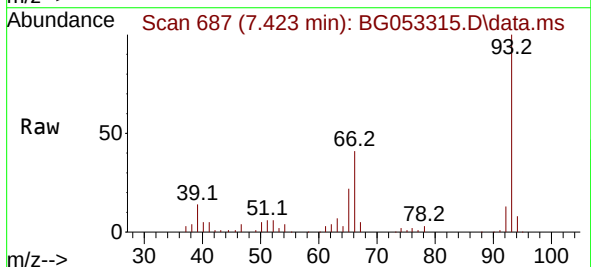
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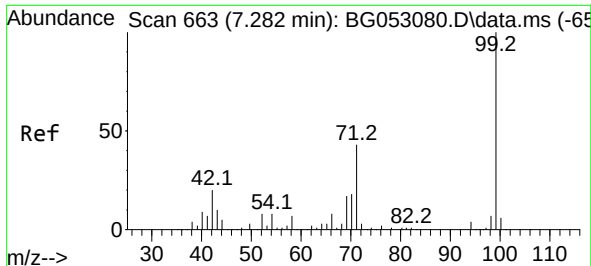
Tgt Ion:112 Resp: 231463
Ion Ratio Lower Upper
112 100
64 72.5 48.0 72.0#
63 41.9 26.5 39.7#



#6
Aniline
Concen: 35.865 ng
RT: 7.423 min Scan# 687
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion: 93 Resp: 107952
Ion Ratio Lower Upper
93 100
66 41.0 31.3 46.9
65 21.6 16.7 25.1

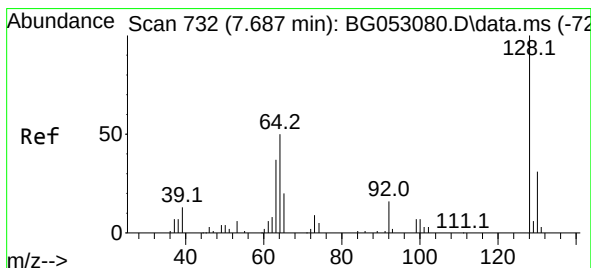
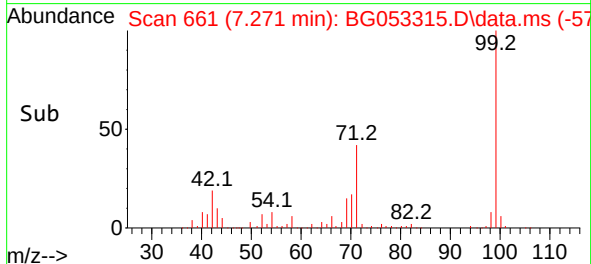
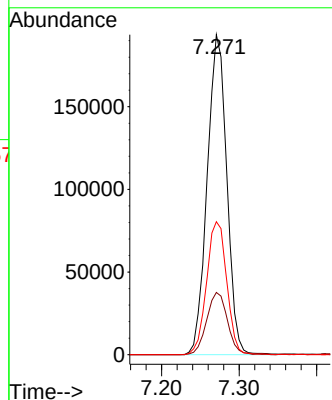
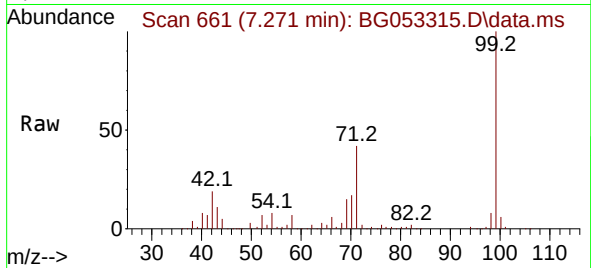




#7
Phenol-d6
Concen: 130.939 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

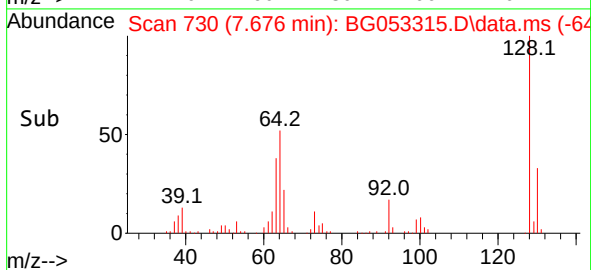
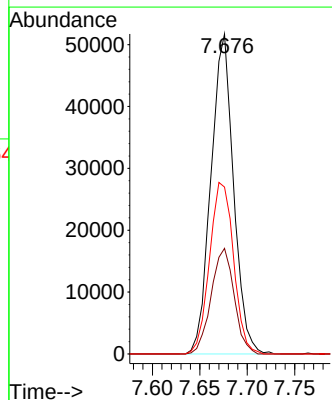
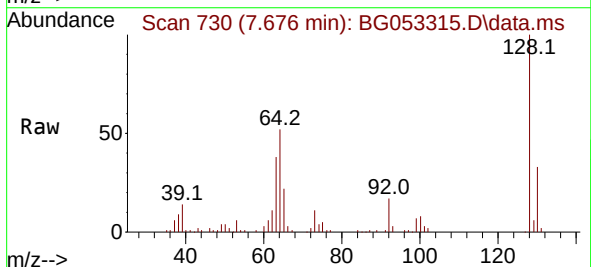
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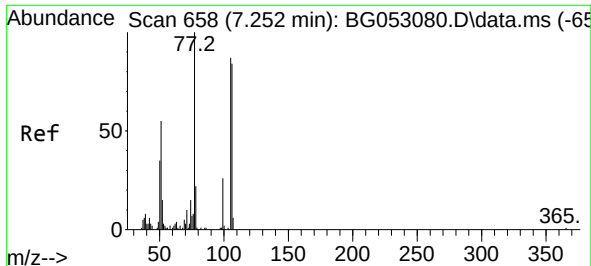
Tgt Ion: 99 Resp: 340072
Ion Ratio Lower Upper
99 100
42 19.5 14.7 22.1
71 41.6 29.2 43.8



#8
2-Chlorophenol
Concen: 47.105 ng
RT: 7.676 min Scan# 730
Delta R.T. -0.003 min
Lab File: BG053315.D
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Tgt Ion:128 Resp: 85647
Ion Ratio Lower Upper
128 100
130 33.0 13.4 53.4
64 52.1 30.9 70.9

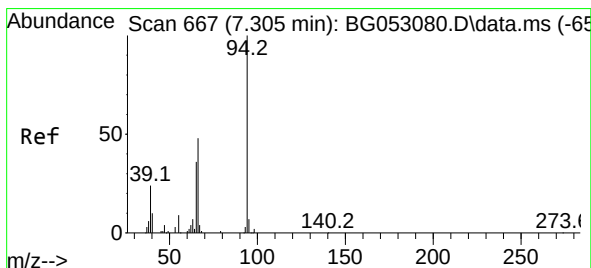
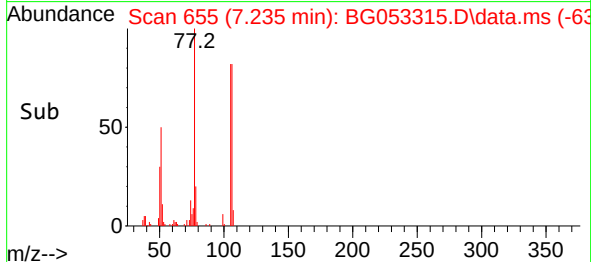
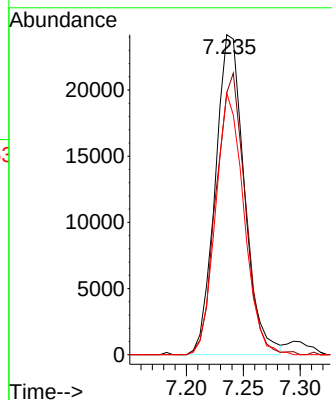
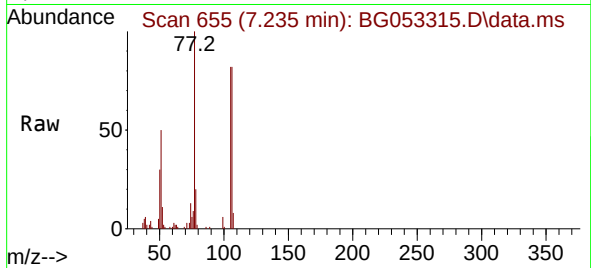




#9
Benzaldehyde
Concen: 27.651 ng
RT: 7.235 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

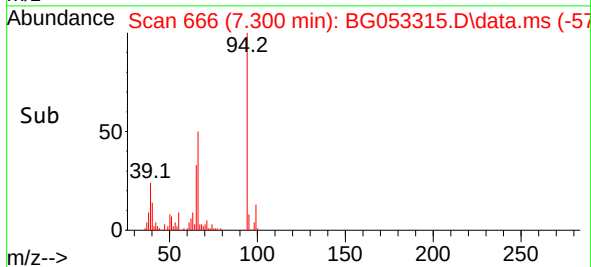
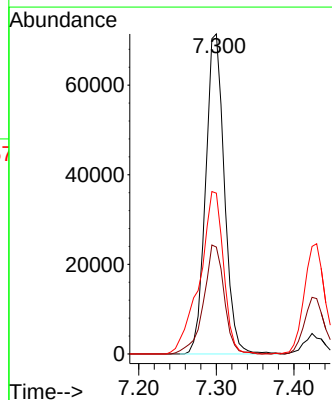
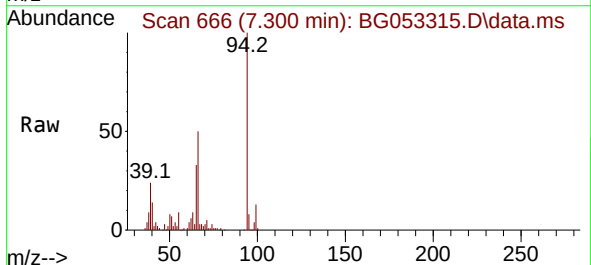
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BNA_G
ClientSampleId :
PB144297BS

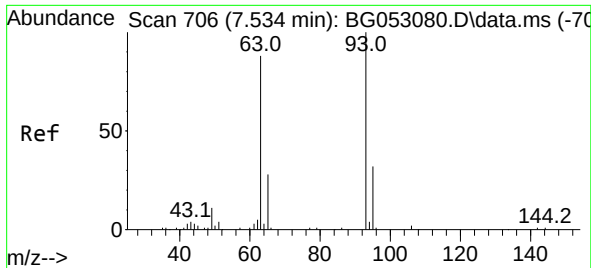
Tgt Ion: 77 Resp: 42928
Ion Ratio Lower Upper
77 100
105 81.9 70.6 110.6
106 81.7 67.6 107.6



#10
Phenol
Concen: 46.374 ng
RT: 7.300 min Scan# 666
Delta R.T. 0.003 min
Lab File: BG053315.D
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Tgt Ion: 94 Resp: 119887
Ion Ratio Lower Upper
94 100
65 33.4 11.1 51.1
66 50.3 20.0 60.0

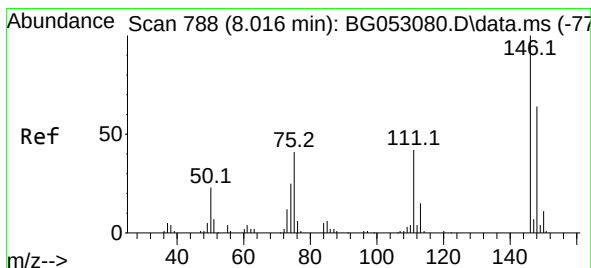
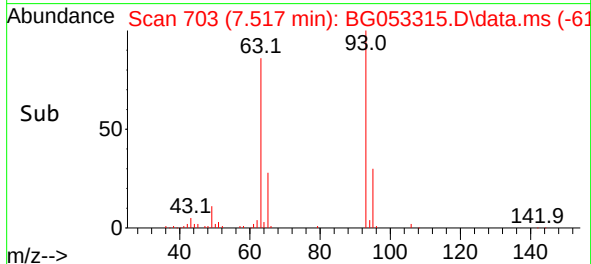
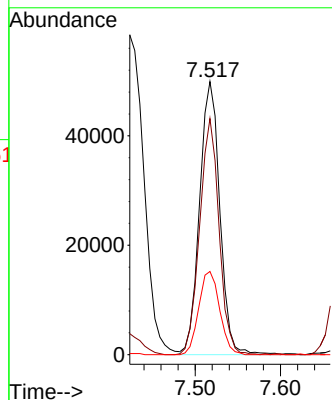
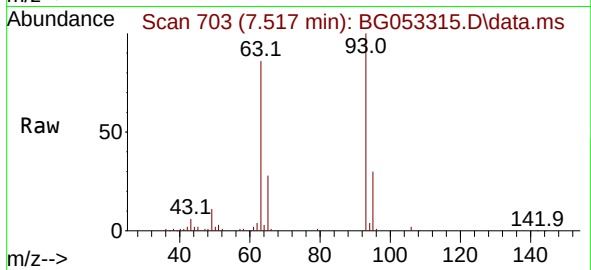




#11
bis(2-Chloroethyl)ether
Concen: 44.043 ng
RT: 7.517 min Scan# 706
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

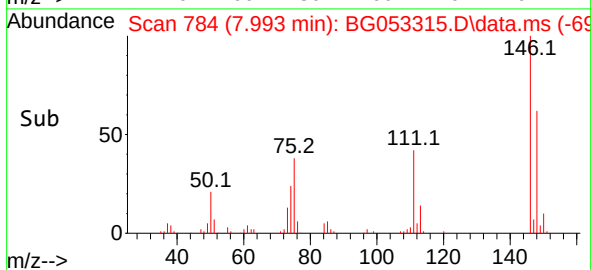
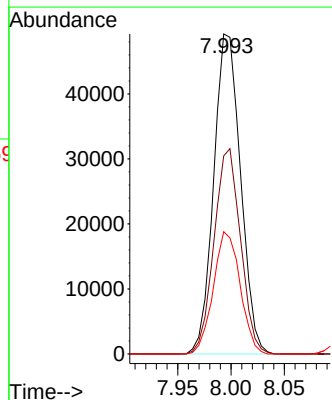
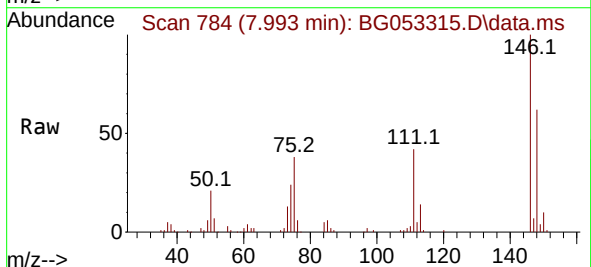
Instrument :
BNA_G
ClientSampleId :
PB144297BS

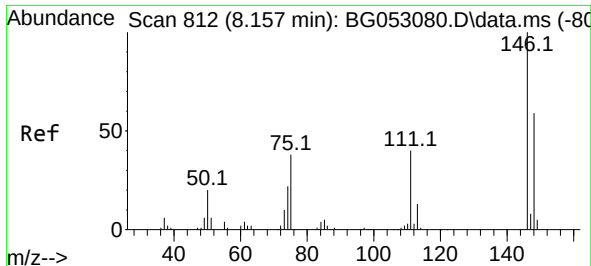
Tgt Ion: 93 Resp: 82078
Ion Ratio Lower Upper
93 100
63 86.5 56.9 96.9
95 30.5 14.5 54.5



#12
1,3-Dichlorobenzene
Concen: 40.786 ng
RT: 7.993 min Scan# 784
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion: 146 Resp: 86173
Ion Ratio Lower Upper
146 100
148 61.9 50.6 76.0
75 38.2 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 40.652 ng

RT: 8.140 min Scan# 809

Delta R.T. -0.009 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

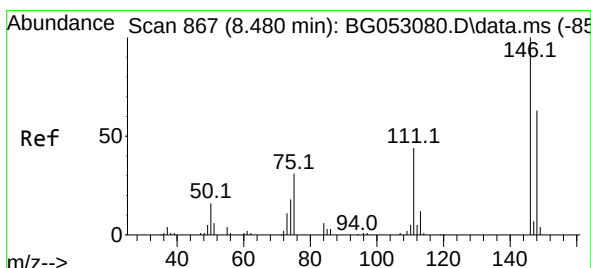
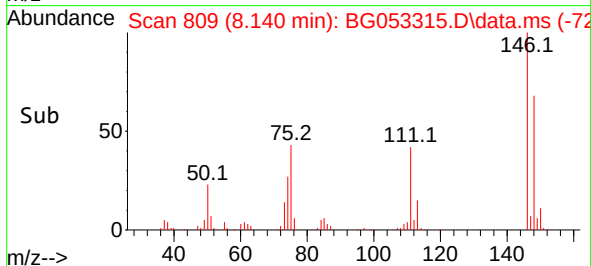
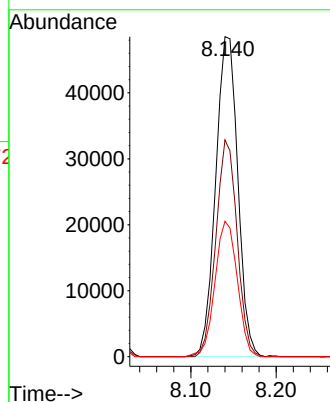
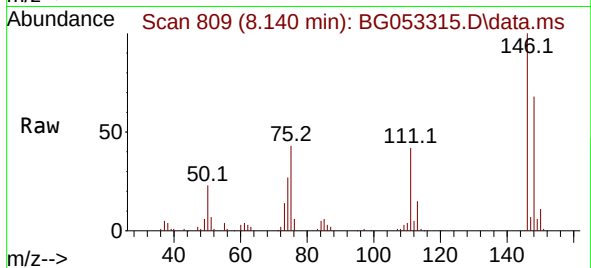
Tgt Ion:146 Resp: 87563

Ion Ratio Lower Upper

146 100

148 67.8 50.0 75.0

111 42.3 31.0 46.4



#14

1,2-Dichlorobenzene

Concen: 41.081 ng

RT: 8.463 min Scan# 864

Delta R.T. -0.009 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

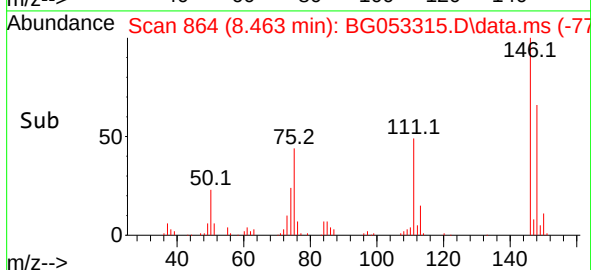
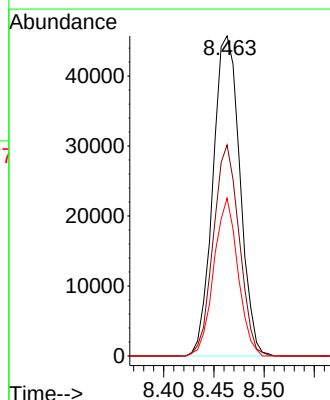
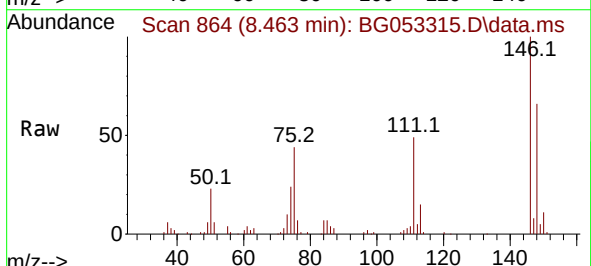
Tgt Ion:146 Resp: 85331

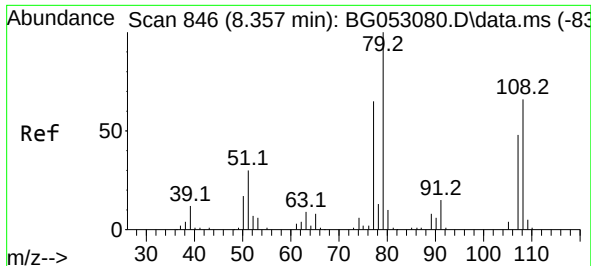
Ion Ratio Lower Upper

146 100

148 65.9 51.0 76.6

111 49.3 34.7 52.1

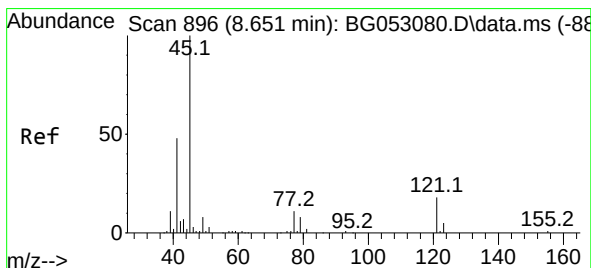
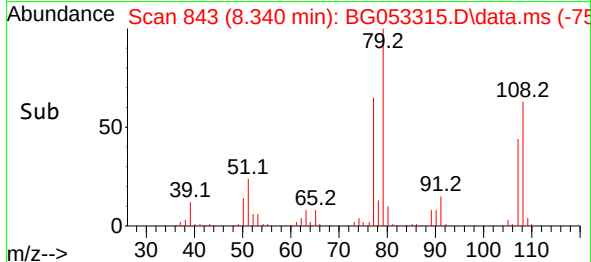
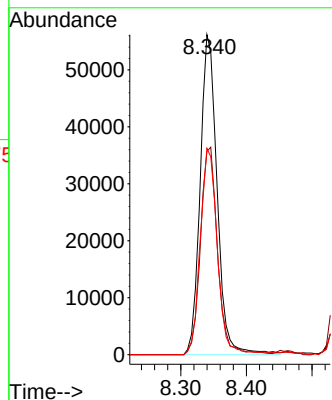
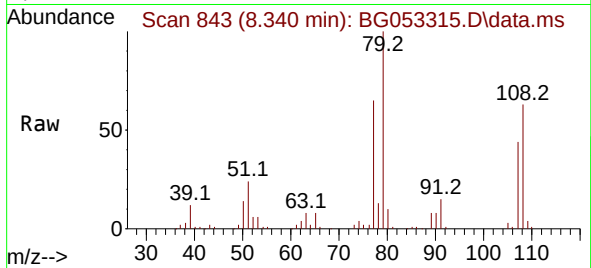




#15
Benzyl Alcohol
Concen: 43.861 ng
RT: 8.340 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

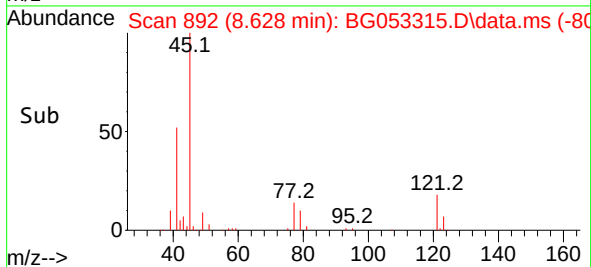
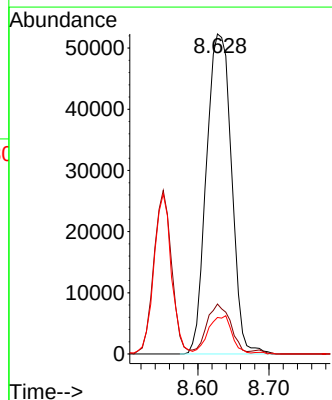
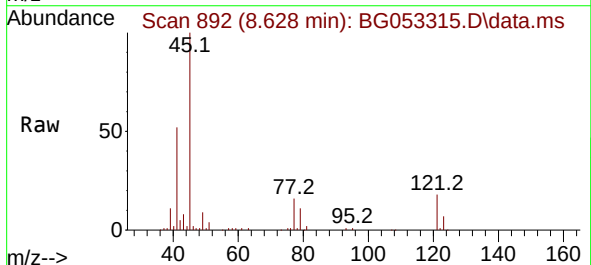
Instrument :
BNA_G
ClientSampleId :
PB144297BS

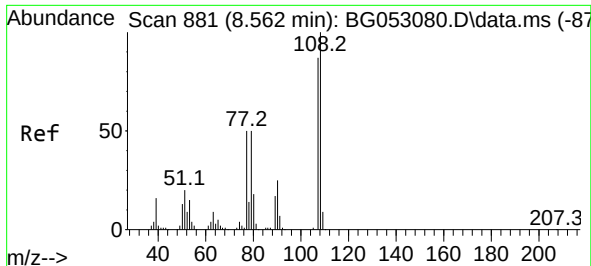
Tgt Ion: 79 Resp: 101253
Ion Ratio Lower Upper
79 100
108 63.5 55.1 82.7
77 64.5 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.178 ng
RT: 8.628 min Scan# 892
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion: 45 Resp: 128117
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.9
79 11.4 0.0 30.7

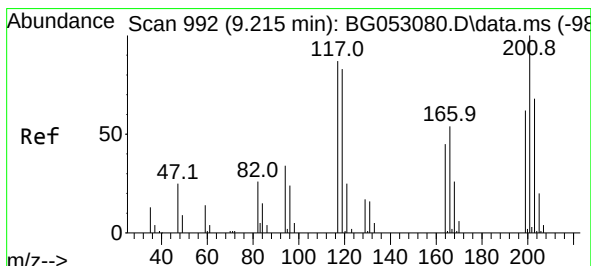
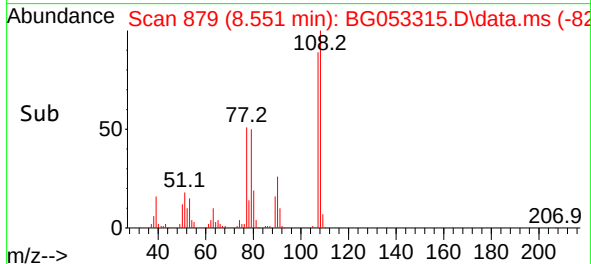
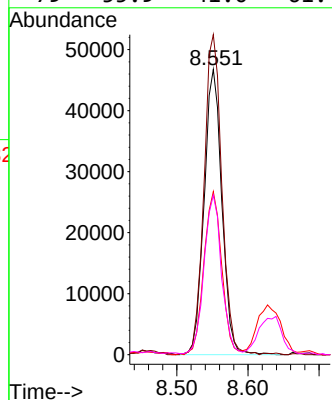
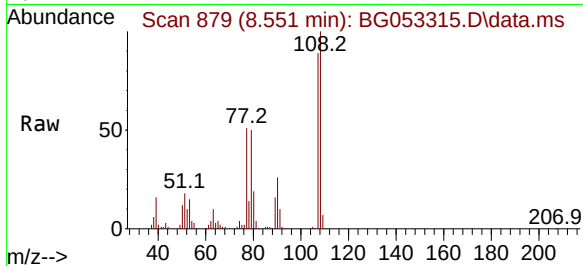




#17
2-Methylphenol
Concen: 46.568 ng
RT: 8.551 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

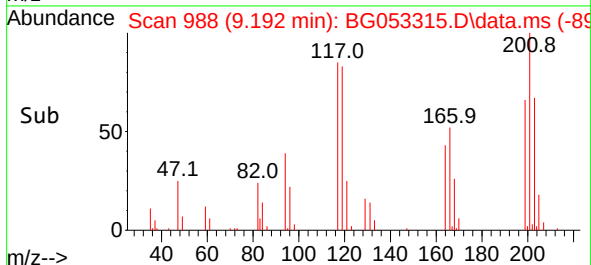
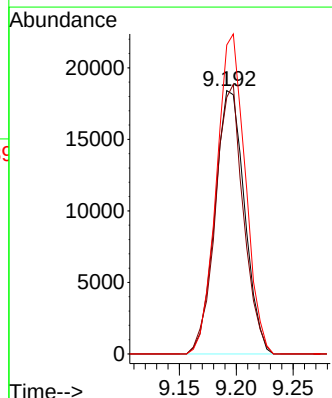
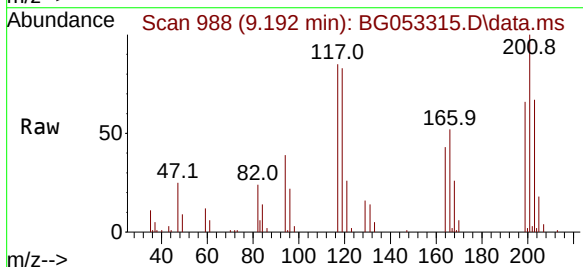
Instrument :
BNA_G
ClientSampleId :
PB144297BS

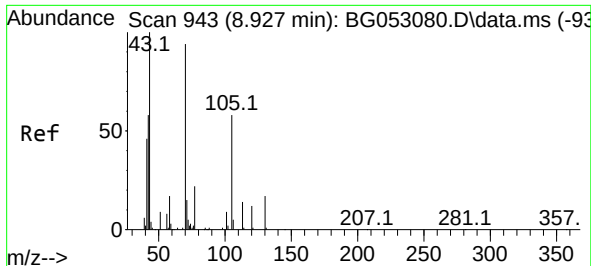
Tgt Ion:	107	Resp:	81467
Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.5	137.3
77	57.2	42.5	63.7
79	55.9	41.0	61.4



#18
Hexachloroethane
Concen: 41.254 ng
RT: 9.192 min Scan# 988
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:	117	Resp:	33322
Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.1	112.7
201	117.3	96.6	145.0

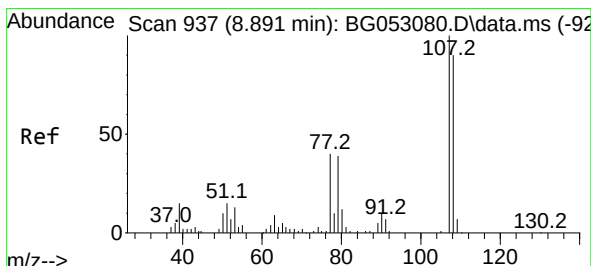
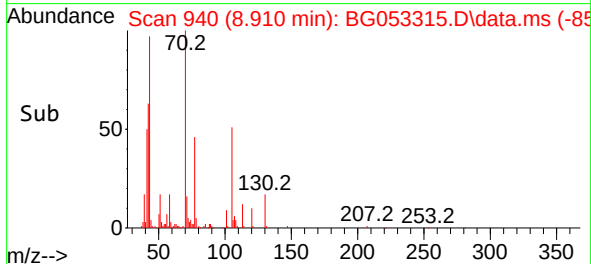
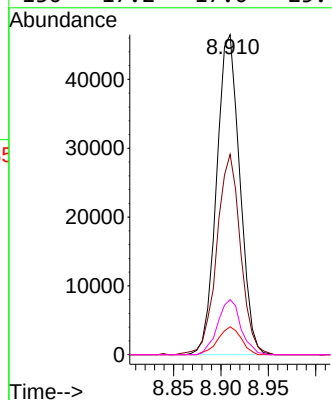
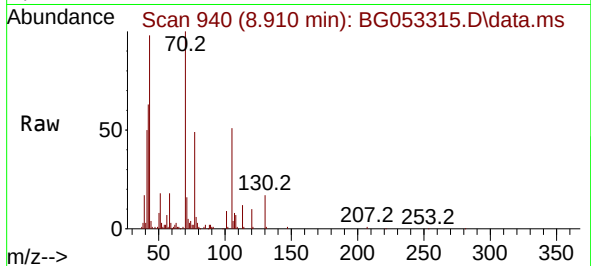




#19
n-Nitroso-di-n-propylamine
Concen: 41.659 ng
RT: 8.910 min Scan# 943
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

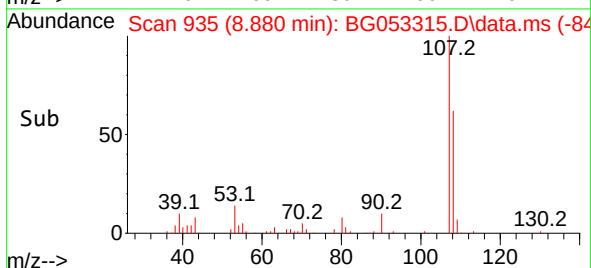
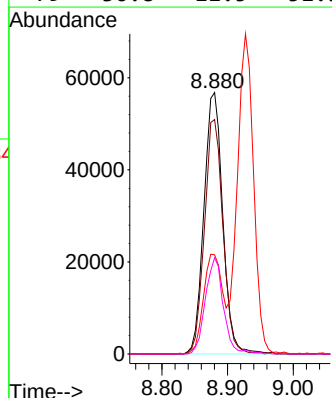
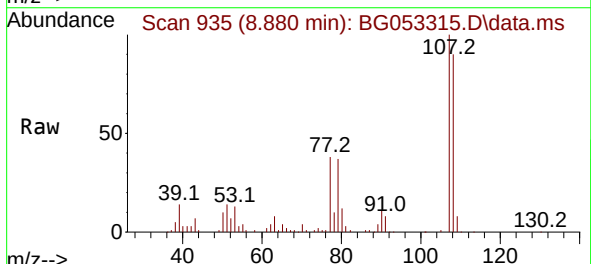
Instrument :
BNA_G
ClientSampleId :
PB144297BS

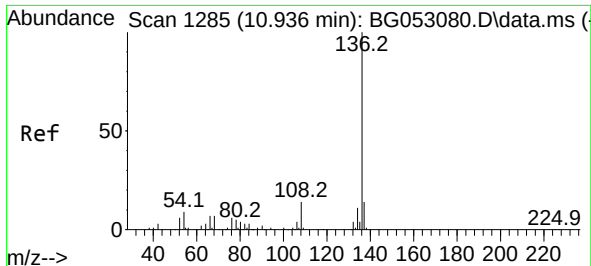
Tgt Ion: 70 Resp: 79212
Ion Ratio Lower Upper
70 100
42 62.6 46.0 69.0
101 8.7 6.2 9.4
130 17.2 17.0 25.4



#20
3+4-Methylphenols
Concen: 45.970 ng
RT: 8.880 min Scan# 935
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion: 107 Resp: 113528
Ion Ratio Lower Upper
107 100
108 89.7 64.8 104.8
77 38.0 15.9 55.9
79 36.8 11.5 51.5

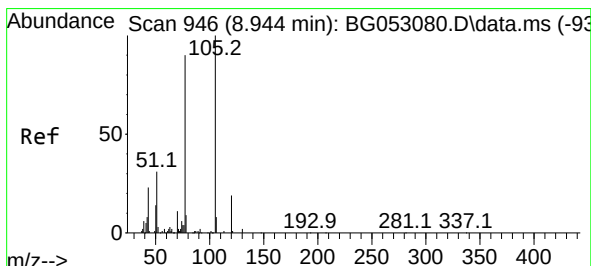
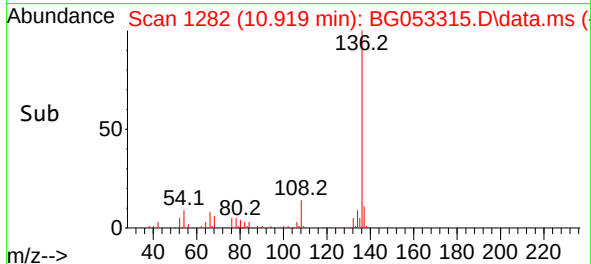
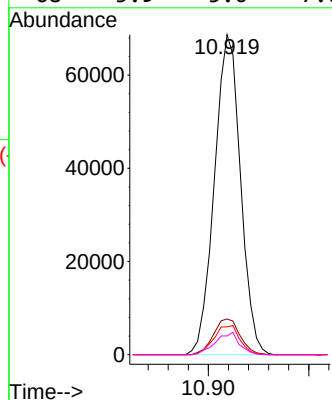
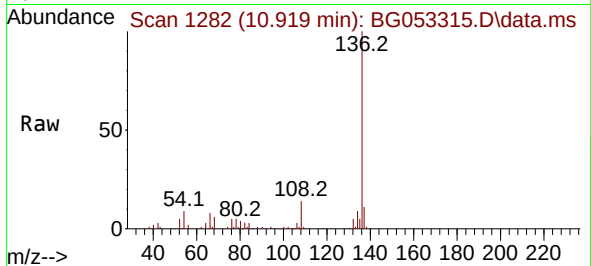




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

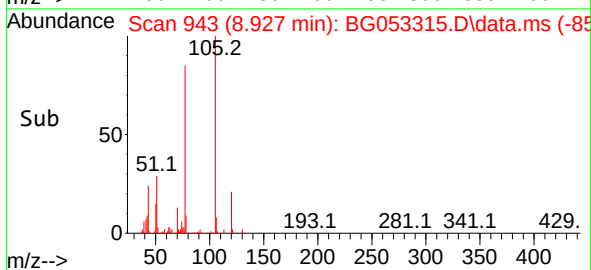
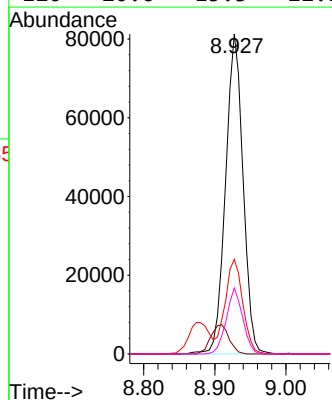
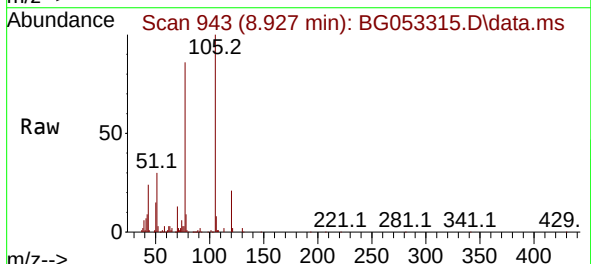
Instrument :
BNA_G
ClientSampleId :
PB144297BS

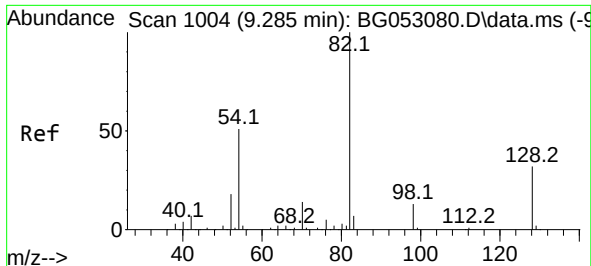
Tgt Ion:	136	Resp:	123686
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.4	14.2
54	8.7	6.4	9.6
68	5.9	5.0	7.6



#22
Acetophenone
Concen: 40.356 ng
RT: 8.927 min Scan# 943
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:	105	Resp:	138478
Ion Ratio	Lower	Upper	
105	100		
71	2.2	2.1	3.1
51	29.6	21.9	32.9
120	20.6	15.3	22.9





#23

Nitrobenzene-d5

Concen: 76.385 ng

RT: 9.268 min Scan# 1000

Delta R.T. -0.009 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

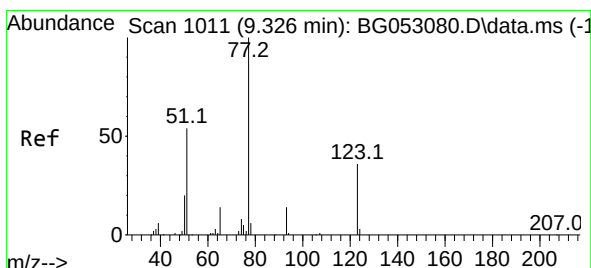
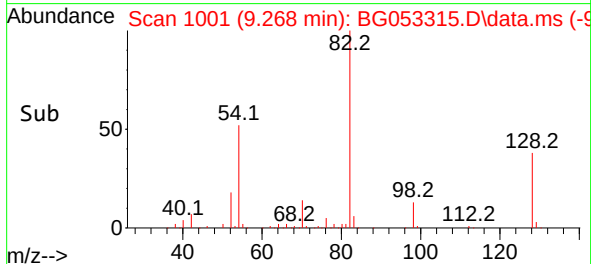
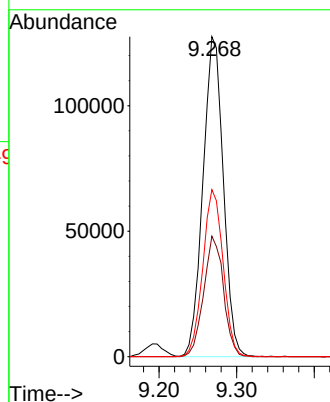
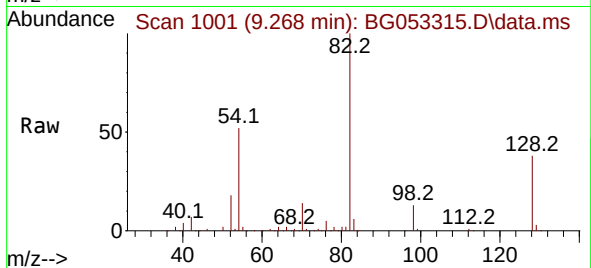
Tgt Ion: 82 Resp: 232684

Ion Ratio Lower Upper

82 100

128 37.7 31.3 46.9

54 52.2 37.8 56.8



#24

Nitrobenzene

Concen: 41.210 ng

RT: 9.309 min Scan# 1008

Delta R.T. -0.009 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

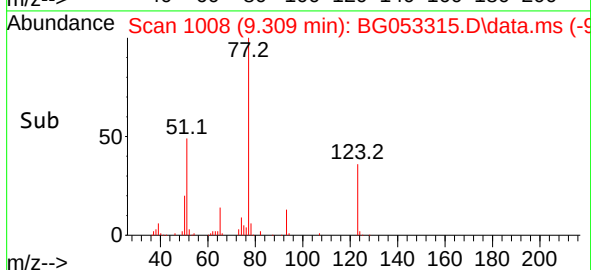
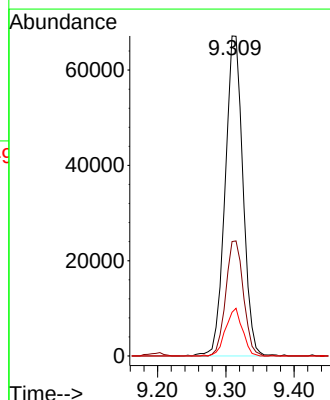
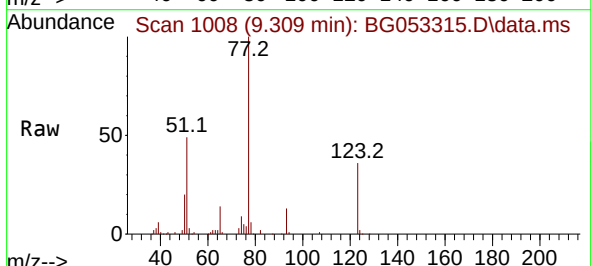
Tgt Ion: 77 Resp: 122103

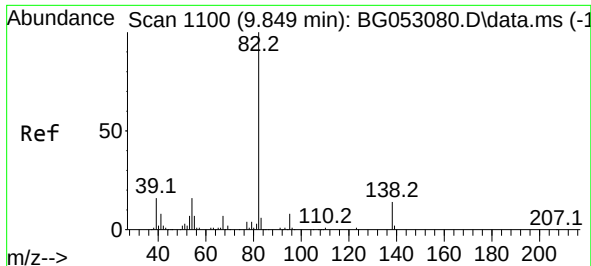
Ion Ratio Lower Upper

77 100

123 35.8 34.4 51.6

65 13.7 11.2 16.8

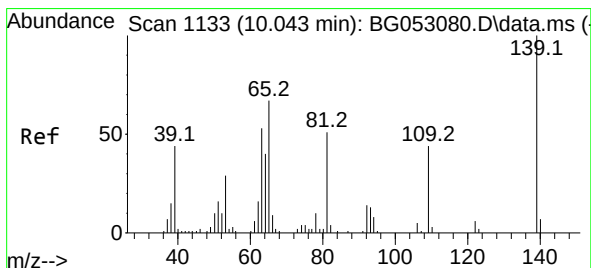
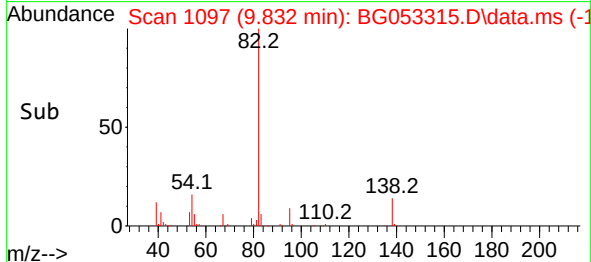
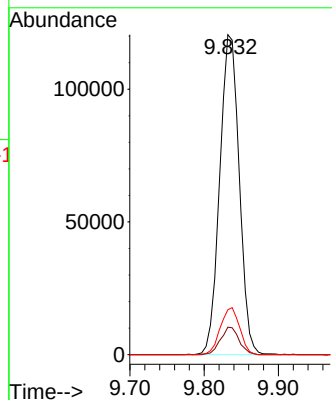
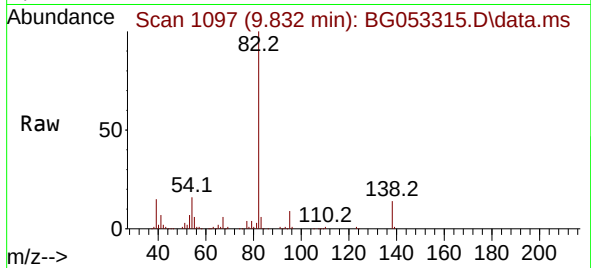




#25
Isophorone
Concen: 42.527 ng
RT: 9.832 min Scan# 1100
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

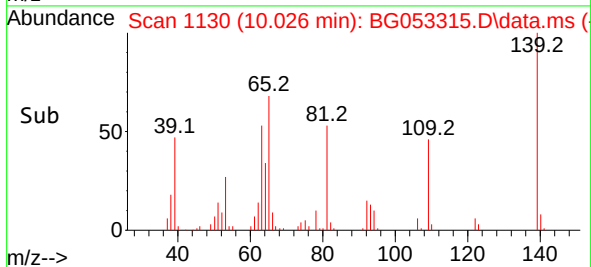
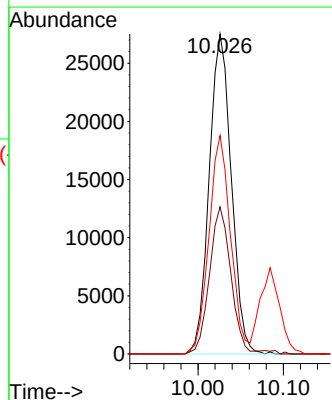
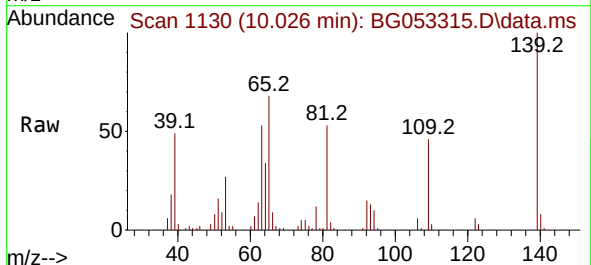
Instrument :
BNA_G
ClientSampleId :
PB144297BS

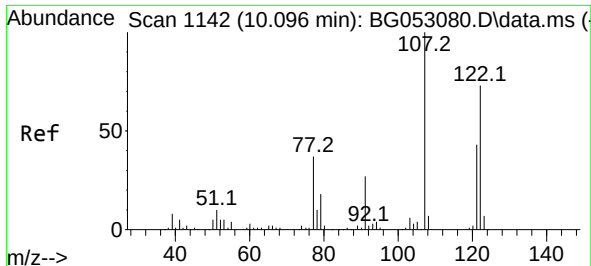
Tgt Ion: 82 Resp: 220190
Ion Ratio Lower Upper
82 100
95 8.6 5.8 8.6
138 14.1 12.6 18.8



#26
2-Nitrophenol
Concen: 40.004 ng
RT: 10.026 min Scan# 1130
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion: 139 Resp: 49564
Ion Ratio Lower Upper
139 100
109 45.9 29.4 44.0#
65 68.2 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 49.945 ng

RT: 10.084 min Scan# 1142

Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

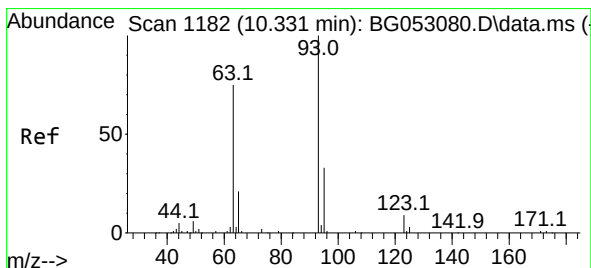
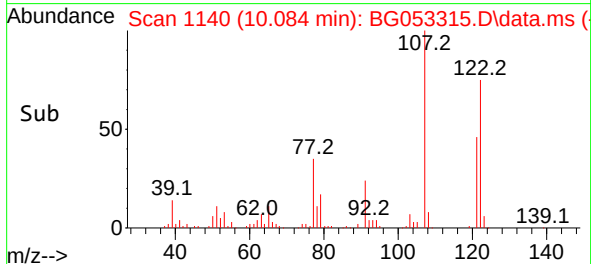
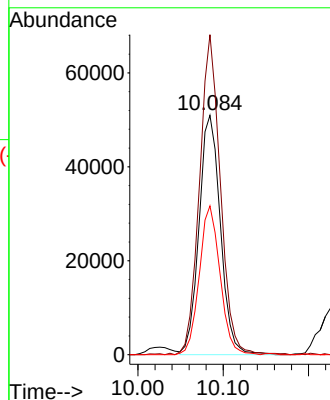
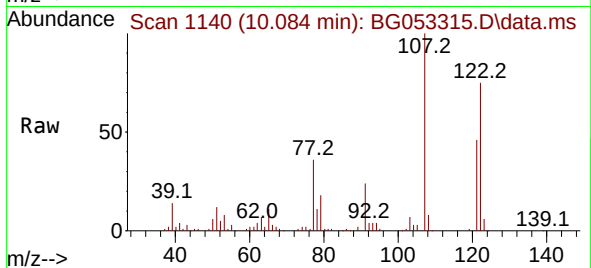
Tgt Ion:122 Resp: 88624

Ion Ratio Lower Upper

122 100

107 133.7 96.7 145.1

121 62.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.659 ng

RT: 10.314 min Scan# 1179

Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

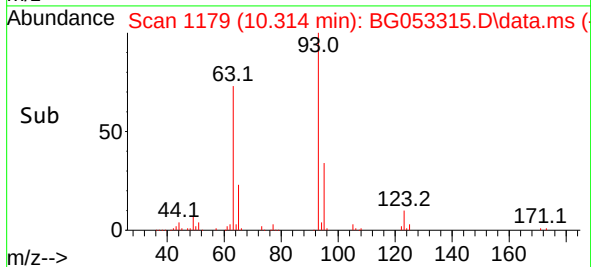
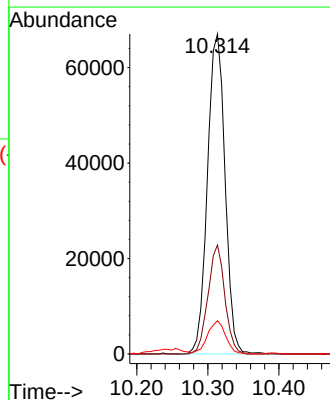
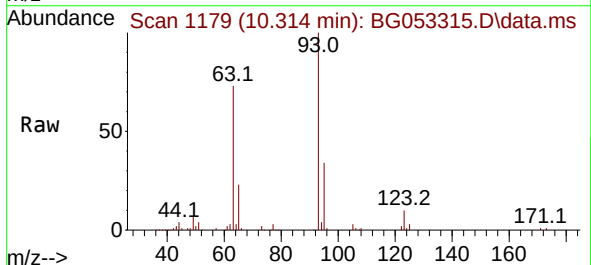
Tgt Ion: 93 Resp: 115360

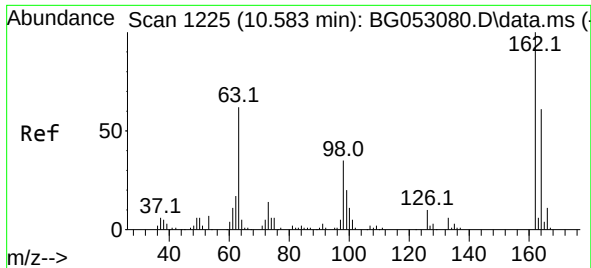
Ion Ratio Lower Upper

93 100

95 34.1 26.5 39.7

123 10.4 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 42.663 ng

RT: 10.572 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

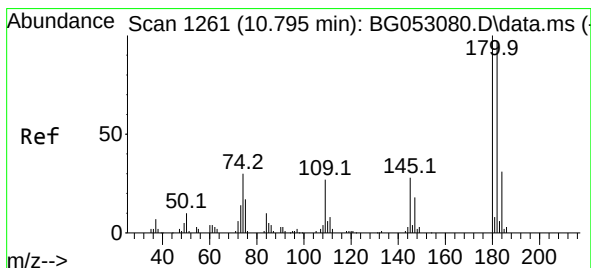
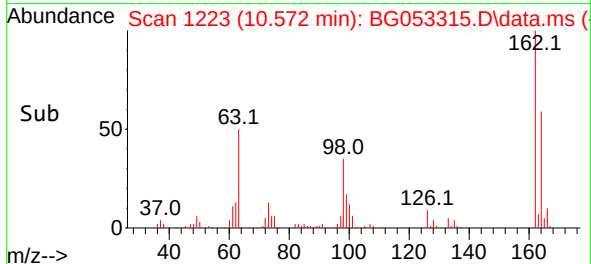
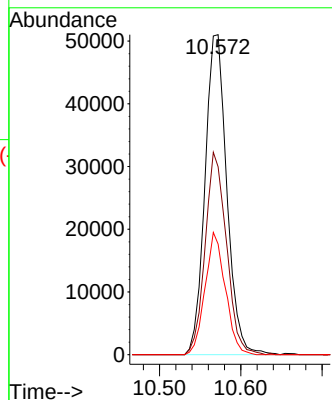
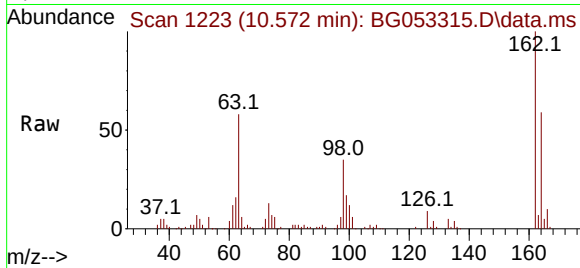
Tgt Ion:162 Resp: 95170

Ion Ratio Lower Upper

162 100

164 58.7 44.0 84.0

98 34.6 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 39.287 ng

RT: 10.784 min Scan# 1259

Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

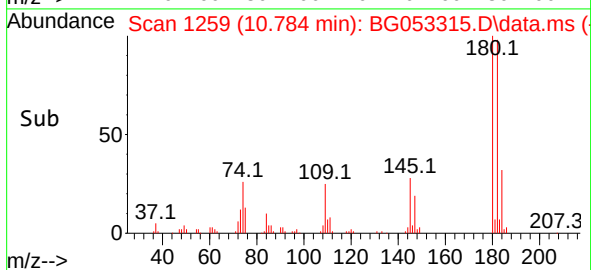
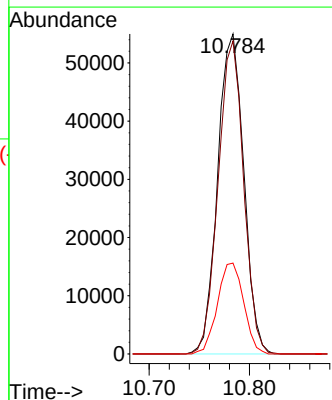
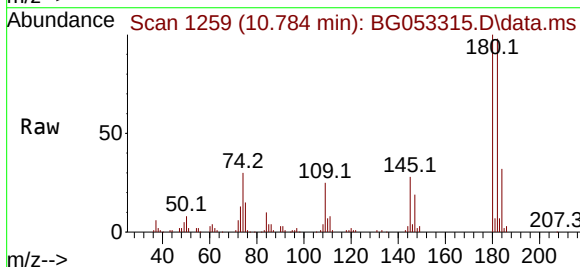
Tgt Ion:180 Resp: 99189

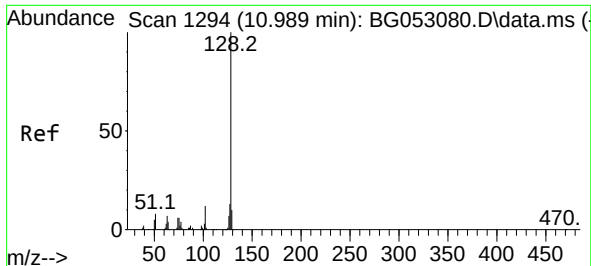
Ion Ratio Lower Upper

180 100

182 97.8 77.8 116.6

145 28.4 24.4 36.6

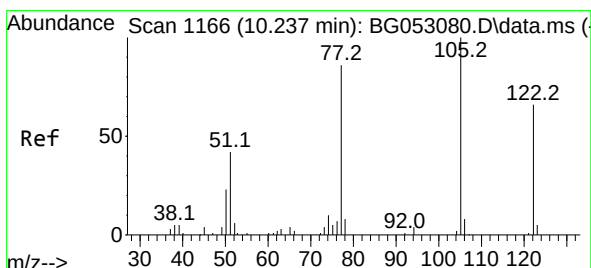
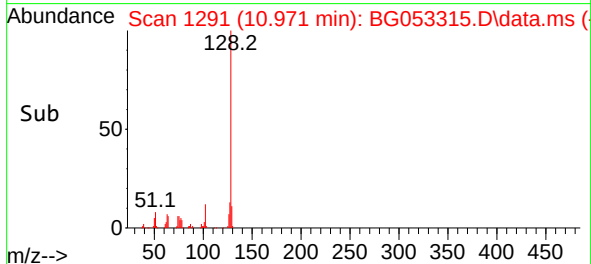
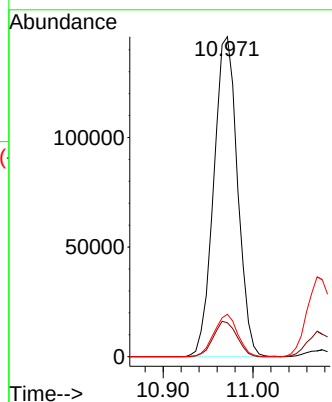
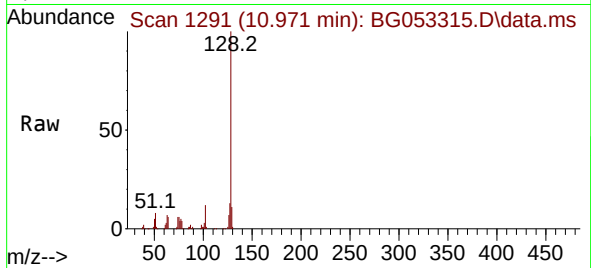




#31
Naphthalene
Concen: 40.724 ng
RT: 10.971 min Scan# 1168
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

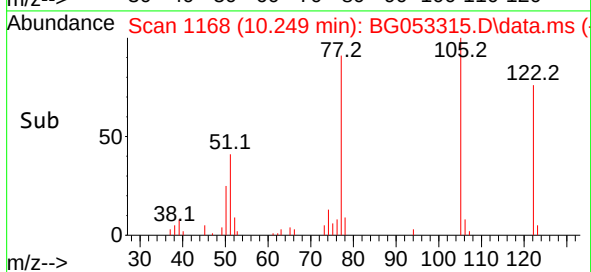
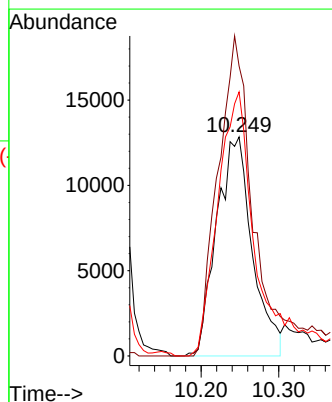
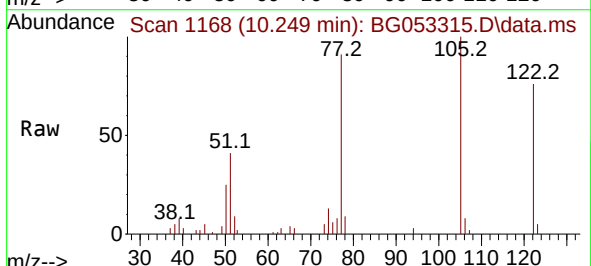
Instrument :
BNA_G
ClientSampleId :
PB144297BS

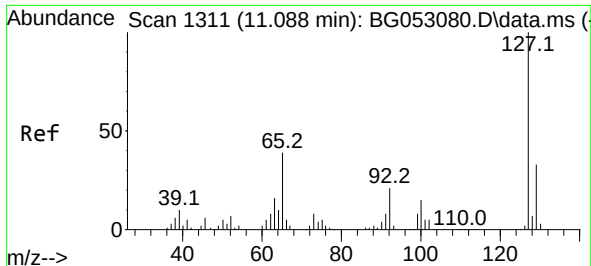
Tgt Ion:128 Resp: 268734
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 36.488 ng
RT: 10.249 min Scan# 1168
Delta R.T. 0.015 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:122 Resp: 41050
Ion Ratio Lower Upper
122 100
105 132.4 112.8 152.8
77 120.5 78.4 118.4#

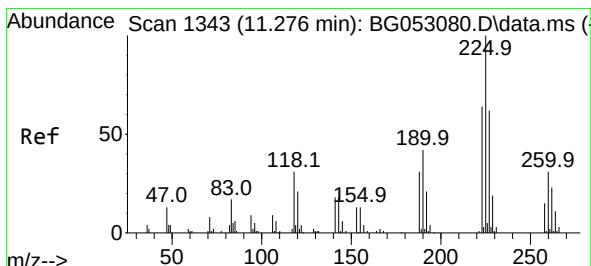
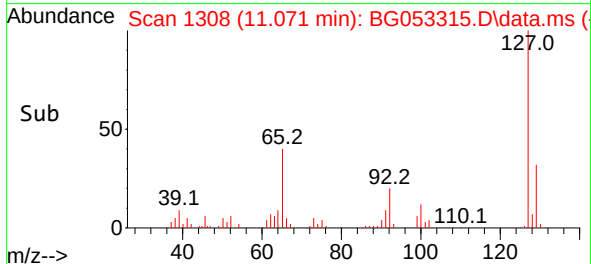
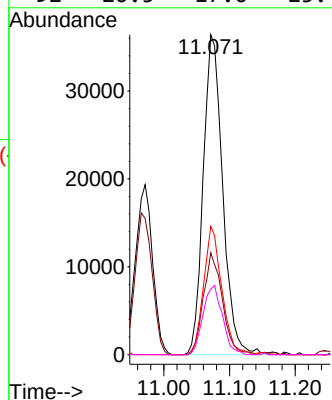
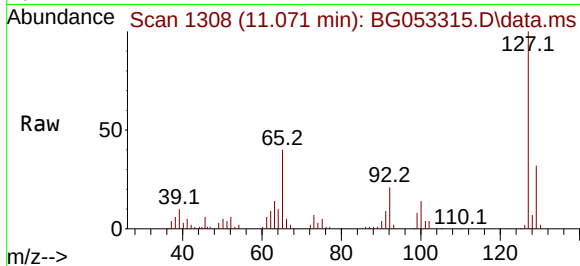




#33
4-Chloroaniline
Concen: 26.639 ng
RT: 11.071 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

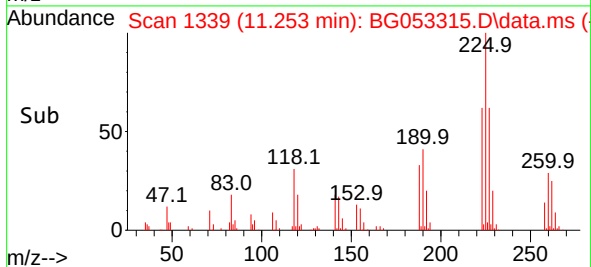
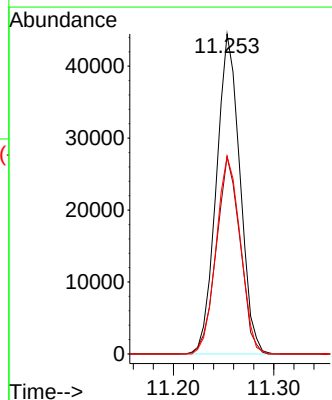
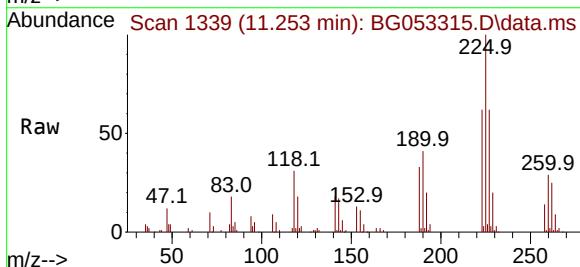
Instrument :
BNA_G
ClientSampleId :
PB144297BS

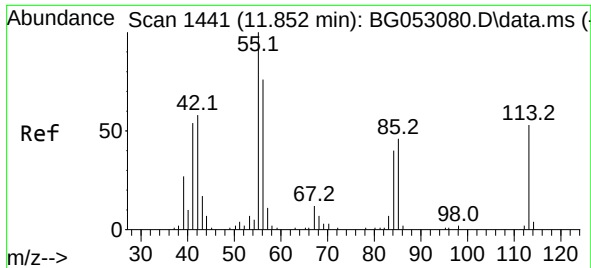
Tgt Ion:	127	Resp:	75279
Ion Ratio	Lower	Upper	
127	100		
129	31.9	27.6	41.4
65	40.1	28.2	42.4
92	20.5	17.0	25.4



#34
Hexachlorobutadiene
Concen: 38.698 ng
RT: 11.253 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:	225	Resp:	72575
Ion Ratio	Lower	Upper	
225	100		
223	61.6	50.2	75.2
227	61.7	52.0	78.0

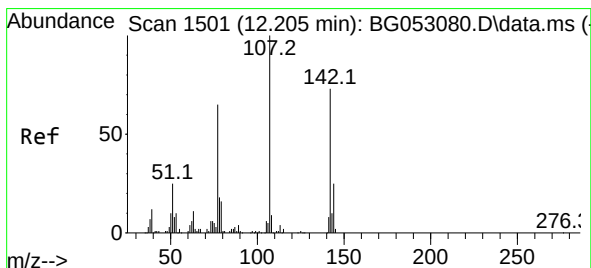
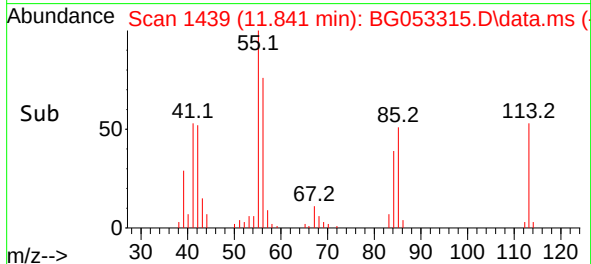
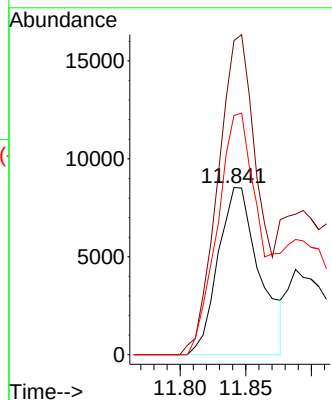
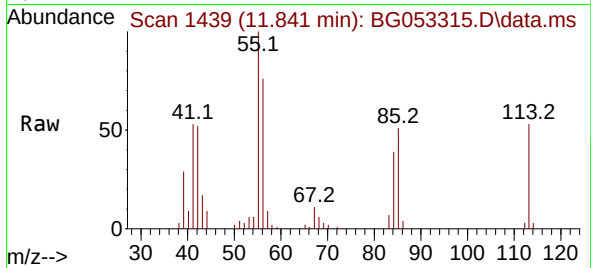




#35
 Caprolactam
 Concen: 23.860 ng
 RT: 11.841 min Scan# 1441
 Delta R.T. -0.009 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

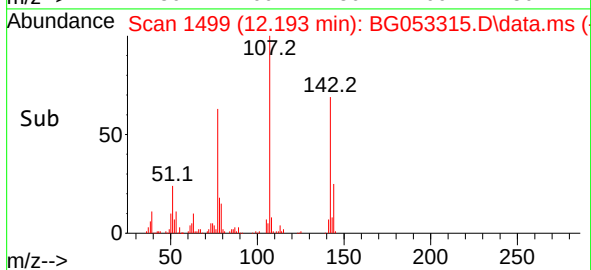
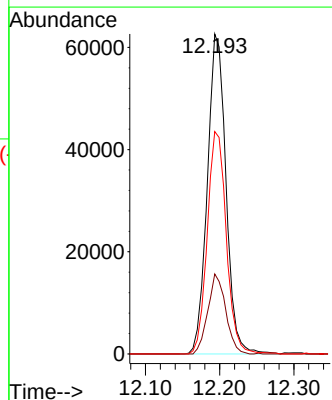
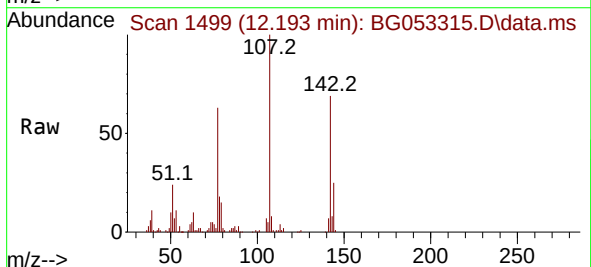
Instrument :
 BNA_G
 ClientSampleId :
 PB144297BS

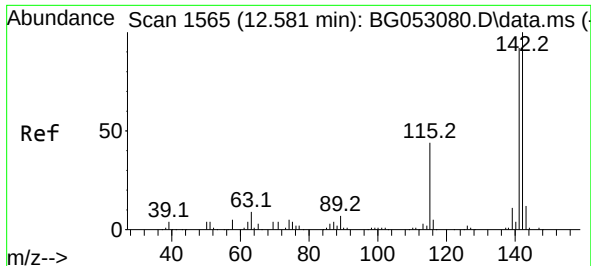
Tgt Ion:113 Resp: 18761
 Ion Ratio Lower Upper
 113 100
 55 187.8 151.3 191.3
 56 143.1 128.5 168.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.139 ng
 RT: 12.193 min Scan# 1499
 Delta R.T. -0.003 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

Tgt Ion:107 Resp: 109435
 Ion Ratio Lower Upper
 107 100
 144 25.0 21.4 32.0
 142 69.5 61.7 92.5

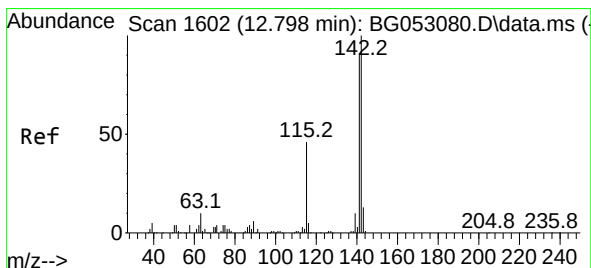
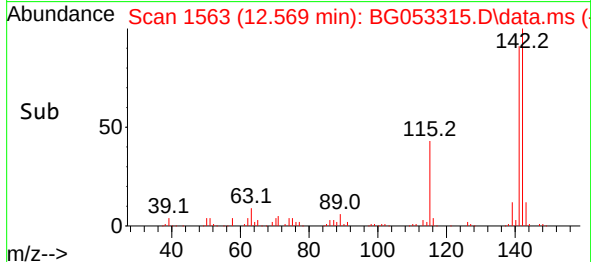
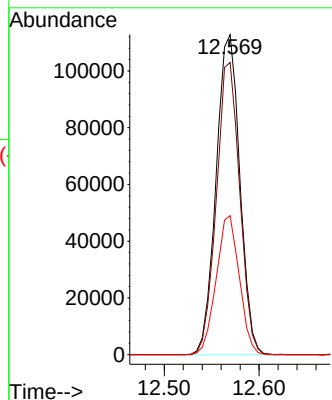
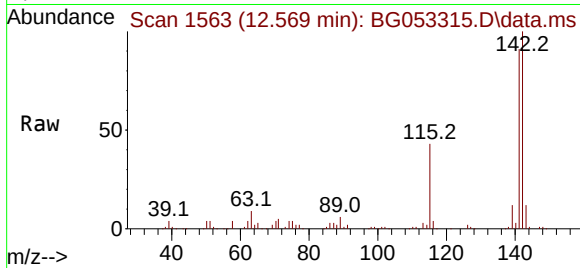




#37
2-Methylnaphthalene
Concen: 40.168 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

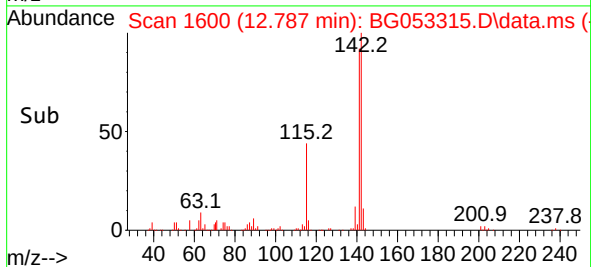
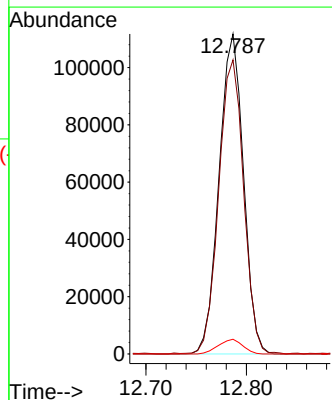
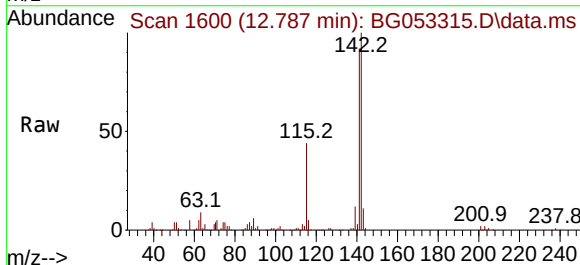
Instrument :
BNA_G
ClientSampleId :
PB144297BS

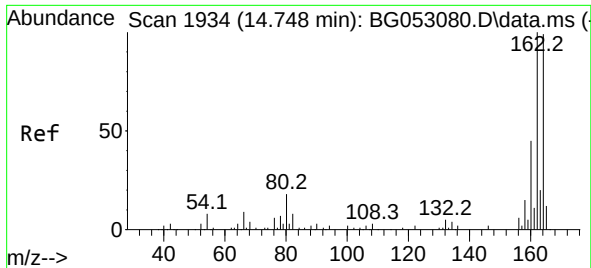
Tgt Ion:142 Resp: 196136
Ion Ratio Lower Upper
142 100
141 91.3 71.3 106.9
115 43.5 29.5 44.3



#38
1-Methylnaphthalene
Concen: 39.443 ng
RT: 12.787 min Scan# 1600
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:142 Resp: 187992
Ion Ratio Lower Upper
142 100
141 91.9 70.5 105.7
116 4.6 3.1 4.7

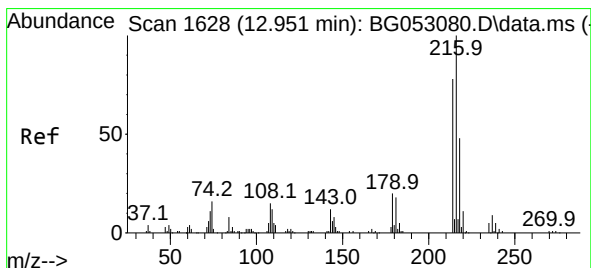
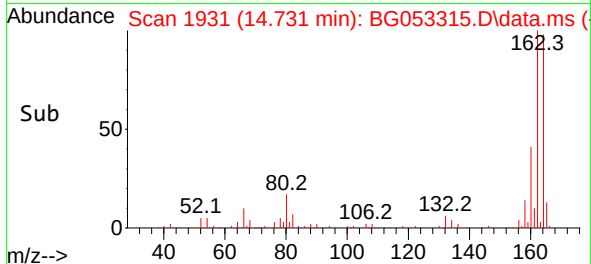
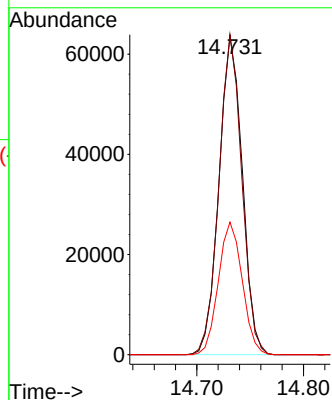
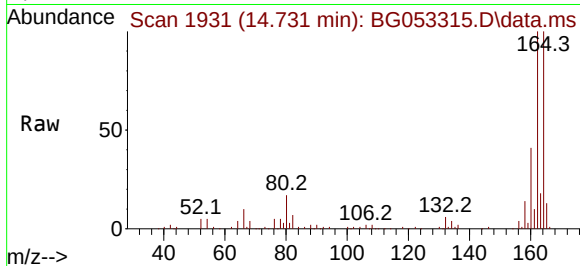




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

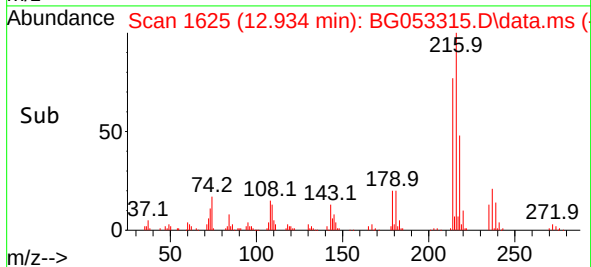
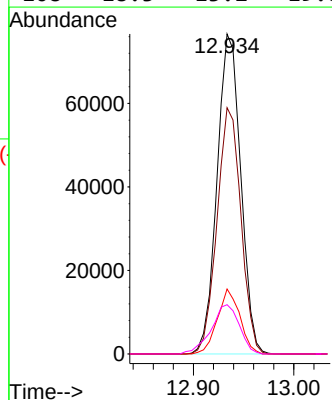
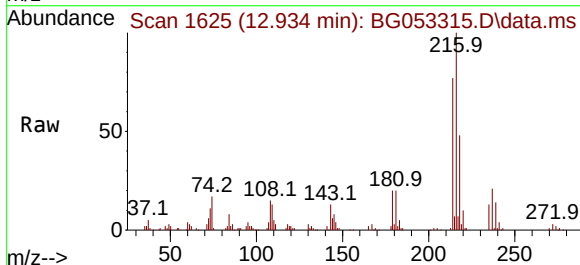
Instrument :
BNA_G
ClientSampleId :
PB144297BS

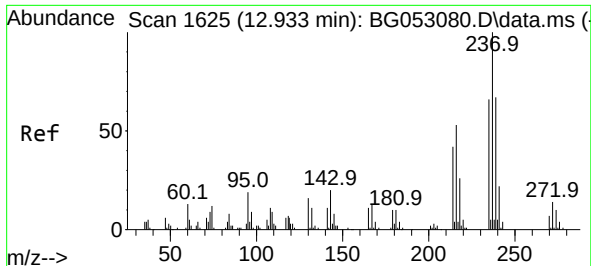
Tgt Ion:164 Resp: 96436
Ion Ratio Lower Upper
164 100
162 100.5 80.0 120.0
160 41.6 38.8 58.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.340 ng
RT: 12.934 min Scan# 1625
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:216 Resp: 125576
Ion Ratio Lower Upper
216 100
214 77.5 63.8 95.6
179 19.2 15.7 23.5
108 18.3 13.2 19.8

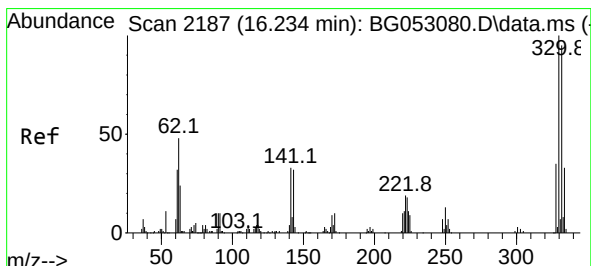
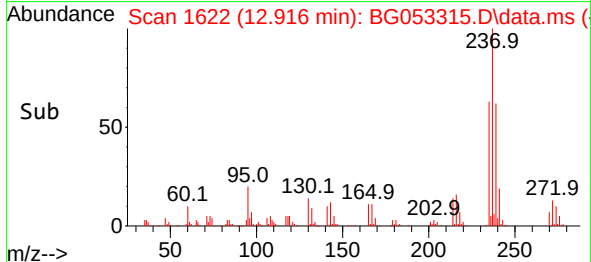
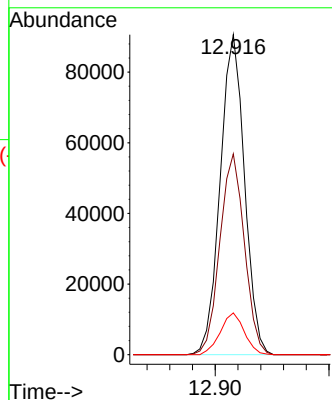
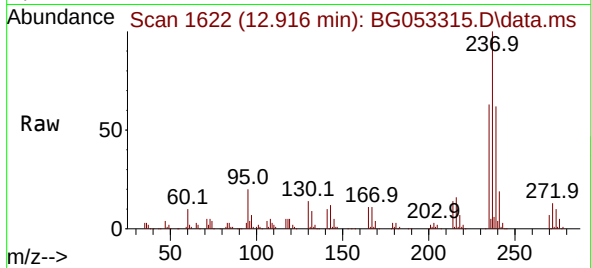




#41
Hexachlorocyclopentadiene
Concen: 79.533 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

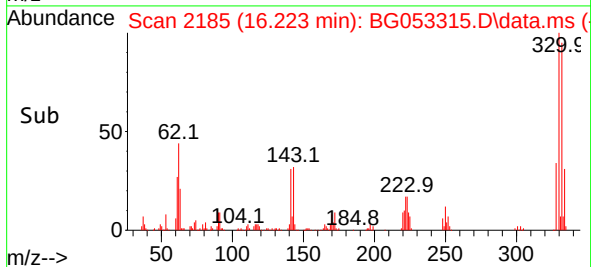
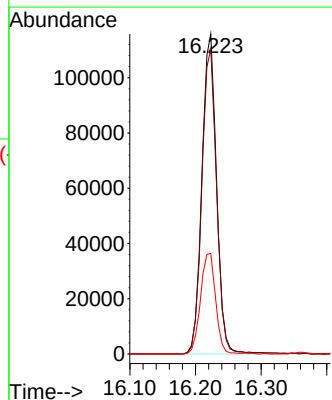
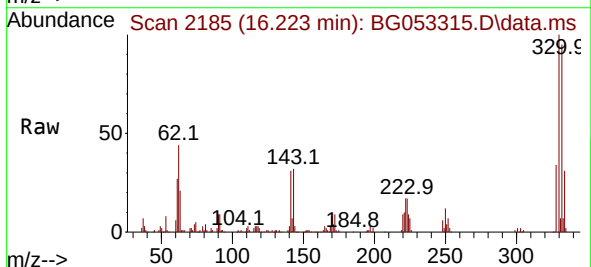
Instrument :
BNA_G
ClientSampleId :
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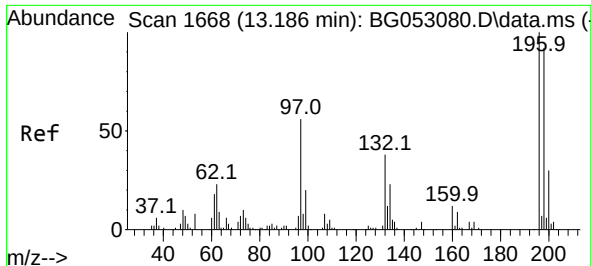
Tgt Ion:237 Resp: 134472
Ion Ratio Lower Upper
237 100
235 62.8 37.7 77.7
272 13.1 0.0 30.7



#42
2,4,6-Tribromophenol
Concen: 117.588 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:330 Resp: 180411
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.6
141 32.4 24.6 36.8

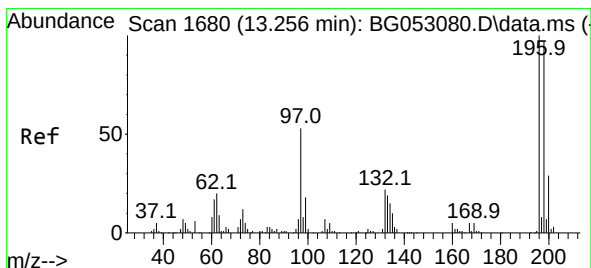
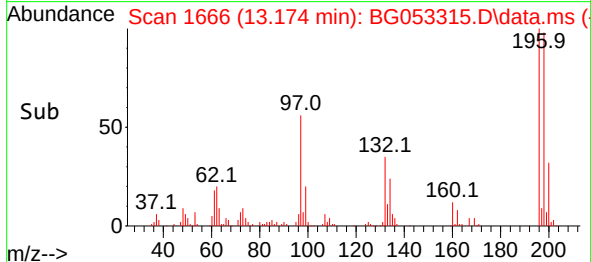
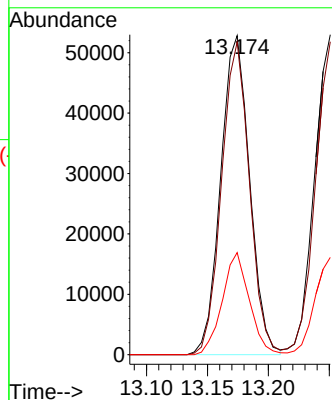
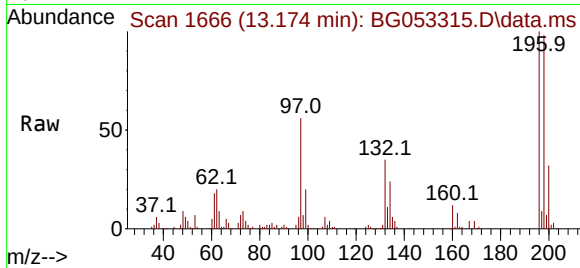




#43
2,4,6-Trichlorophenol
Concen: 38.658 ng
RT: 13.174 min Scan# 1666
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

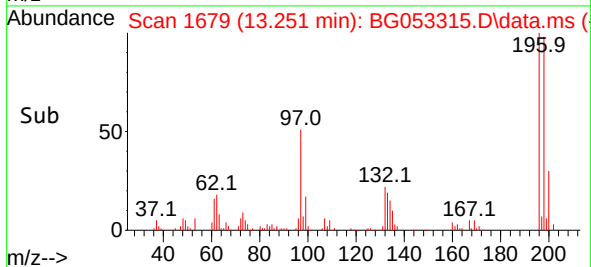
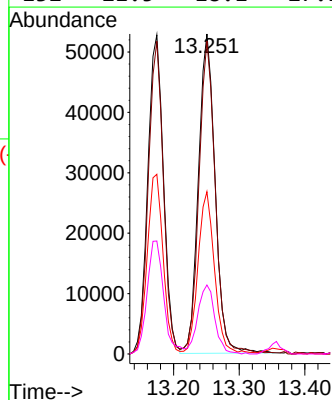
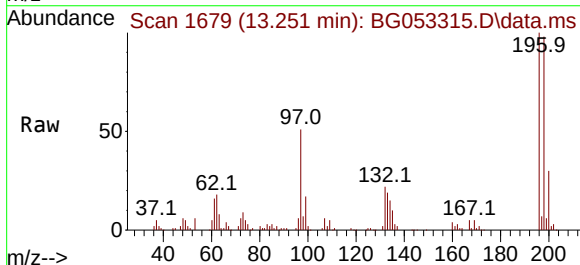
Instrument :
BNA_G
ClientSampleId :
PB144297BS

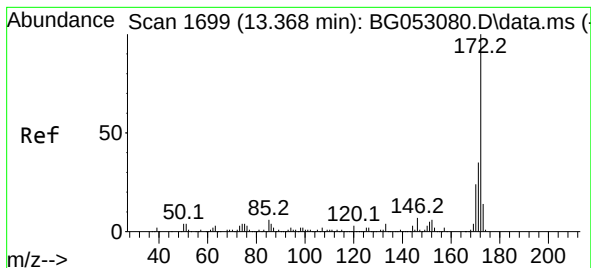
Tgt Ion:196 Resp: 87298
Ion Ratio Lower Upper
196 100
198 98.0 78.8 118.2
200 32.0 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 38.942 ng
RT: 13.251 min Scan# 1679
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:196 Resp: 93710
Ion Ratio Lower Upper
196 100
198 97.8 75.8 113.6
97 50.7 36.5 54.7
132 21.5 18.1 27.1





#45

2-Fluorobiphenyl

Concen: 75.883 ng

RT: 13.357 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

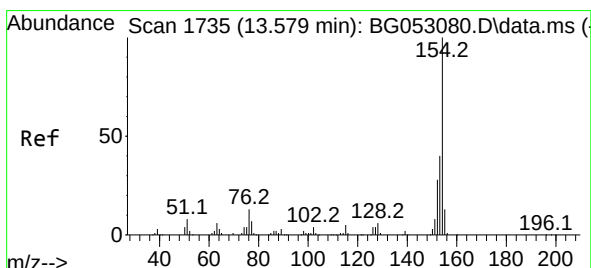
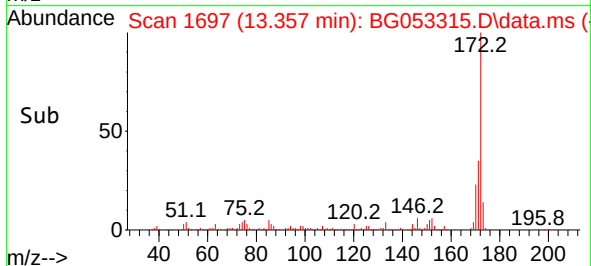
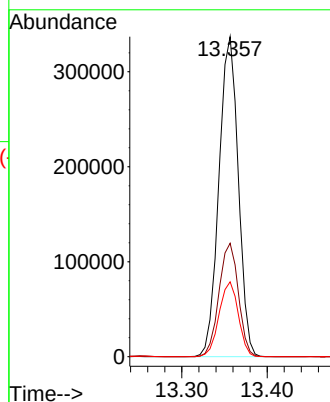
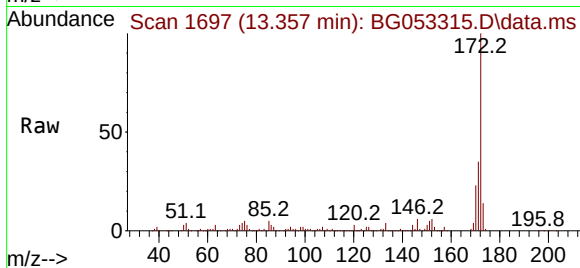
Tgt Ion:172 Resp: 530699

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 18.0 27.0



#46

1,1'-Biphenyl

Concen: 39.086 ng

RT: 13.568 min Scan# 1733

Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

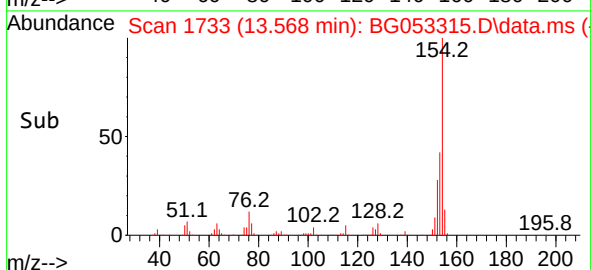
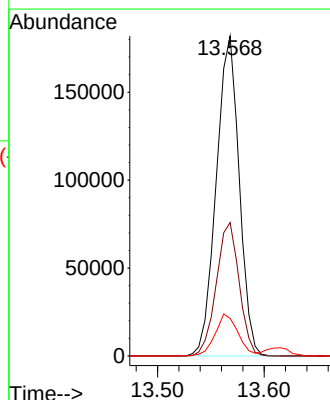
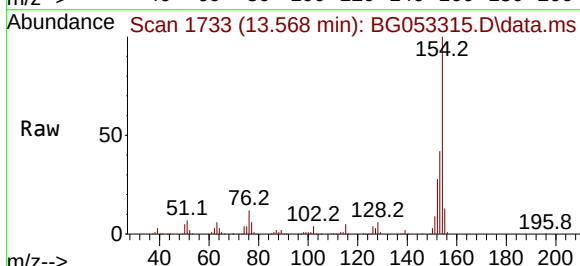
Tgt Ion:154 Resp: 271442

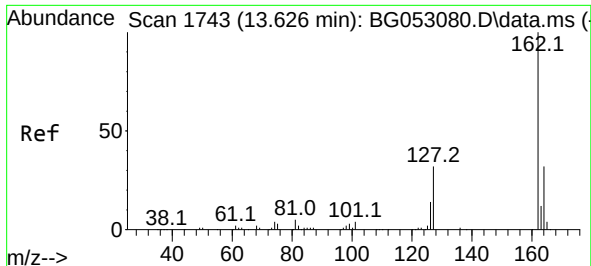
Ion Ratio Lower Upper

154 100

153 41.7 21.6 61.6

76 11.8 0.0 31.5





#47

2-Chloronaphthalene

Concen: 39.144 ng

RT: 13.615 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

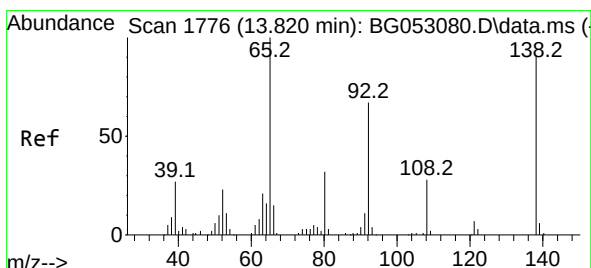
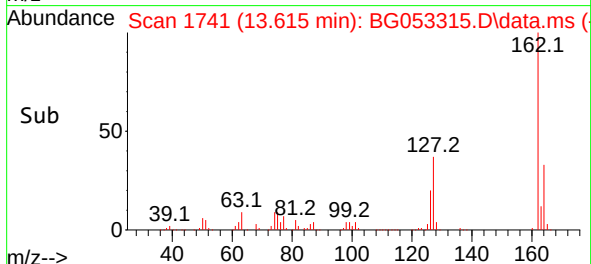
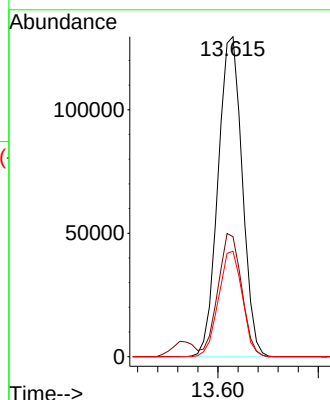
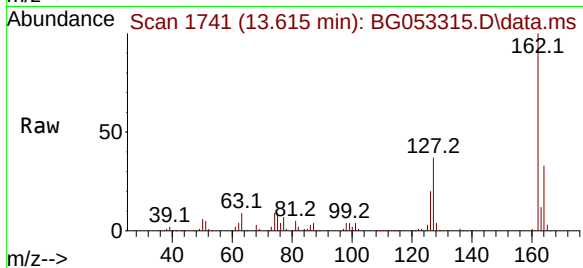
Tgt Ion:162 Resp: 216881

Ion Ratio Lower Upper

162 100

127 37.5 28.1 42.1

164 32.9 26.0 39.0



#48

2-Nitroaniline

Concen: 39.434 ng

RT: 13.809 min Scan# 1774

Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

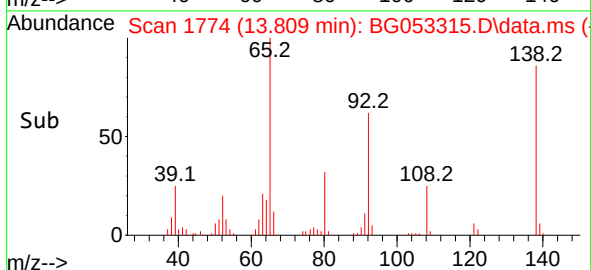
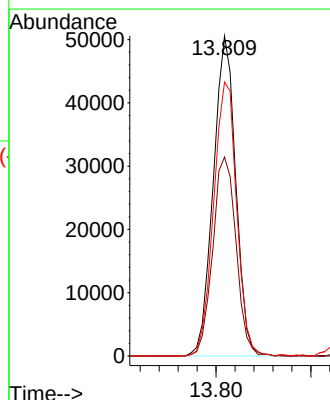
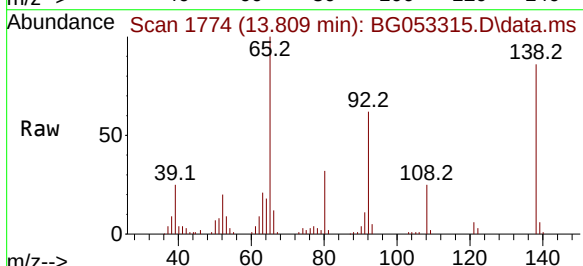
Tgt Ion: 65 Resp: 82917

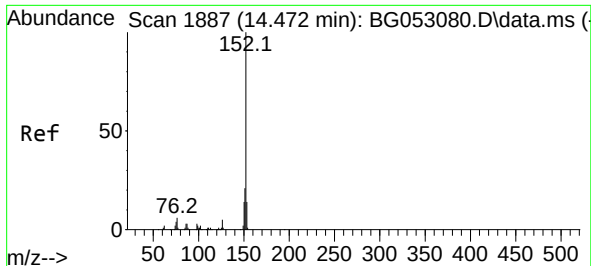
Ion Ratio Lower Upper

65 100

92 62.1 52.1 78.1

138 85.6 80.1 120.1





#49

Acenaphthylene

Concen: 41.825 ng

RT: 14.455 min Scan# 1884

Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

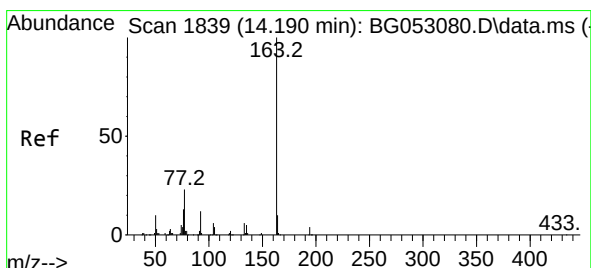
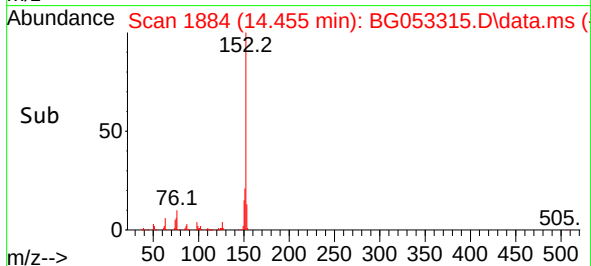
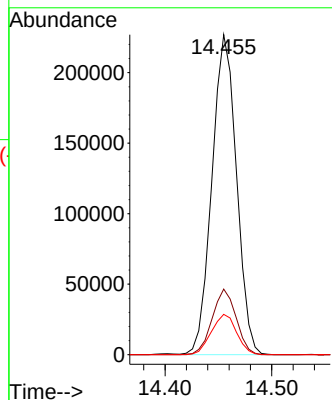
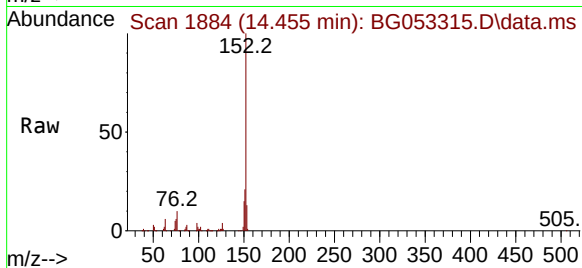
Tgt Ion:152 Resp: 362762

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.6

153 12.6 10.6 15.8



#50

Dimethylphthalate

Concen: 38.530 ng

RT: 14.179 min Scan# 1837

Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

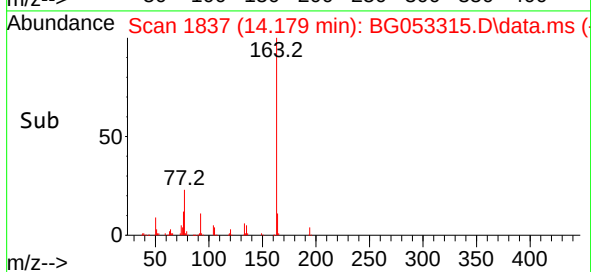
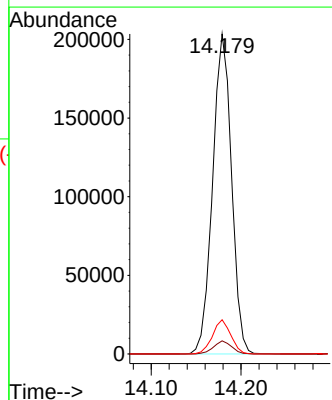
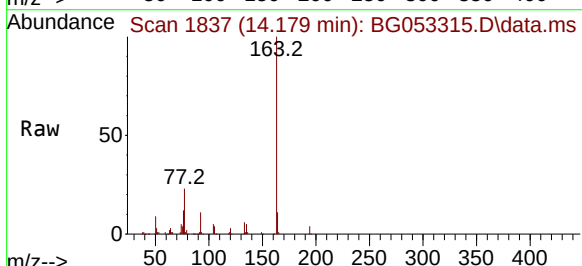
Tgt Ion:163 Resp: 297197

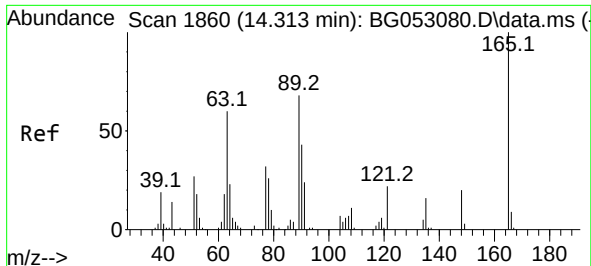
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.7 8.5 12.7

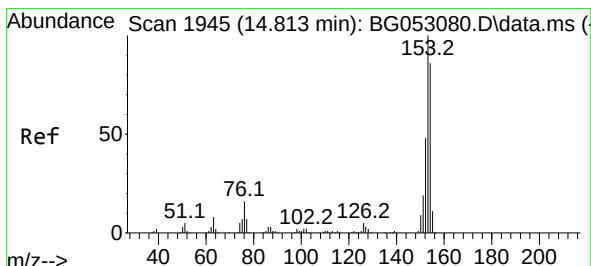
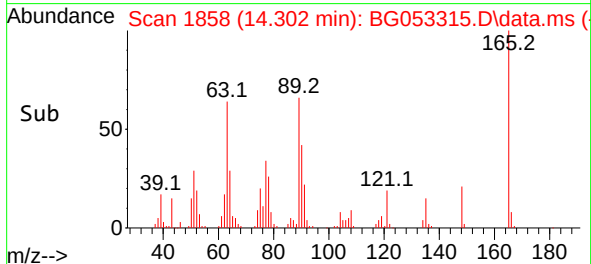
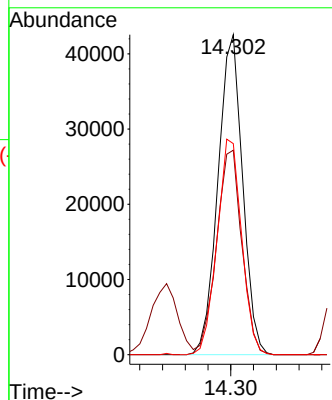
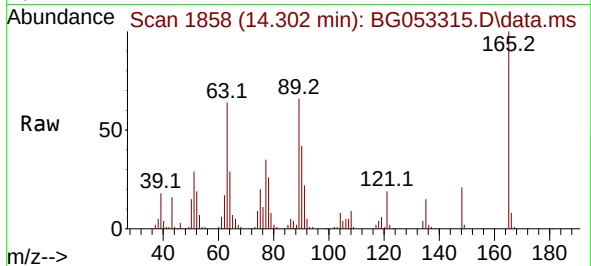




#51
2,6-Dinitrotoluene
Concen: 39.761 ng
RT: 14.302 min Scan# 1858
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

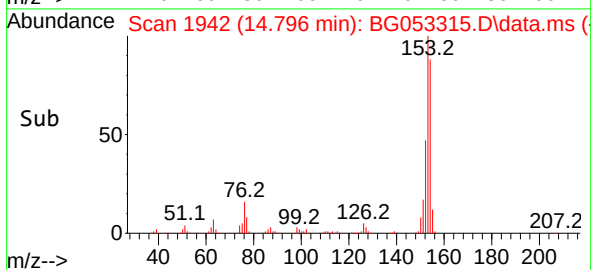
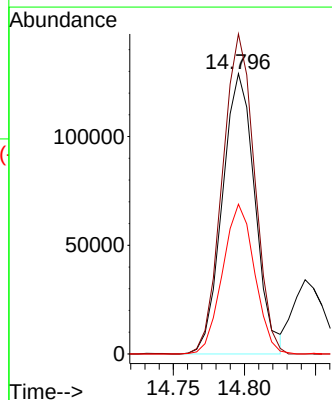
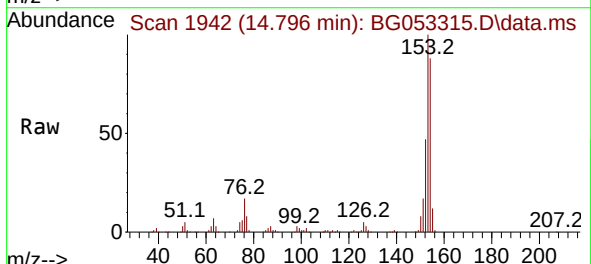
Instrument :
BNA_G
ClientSampleId :
PB144297BS

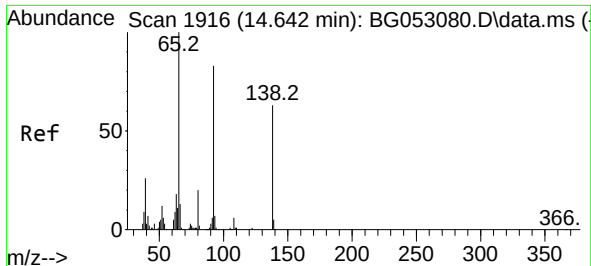
Tgt Ion:165 Resp: 63981
Ion Ratio Lower Upper
165 100
63 63.9 43.7 65.5
89 65.9 45.0 67.4



#52
Acenaphthene
Concen: 35.024 ng
RT: 14.796 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:154 Resp: 206006
Ion Ratio Lower Upper
154 100
153 114.1 89.0 133.4
152 53.4 40.5 60.7

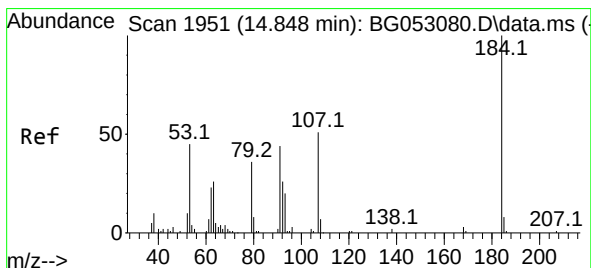
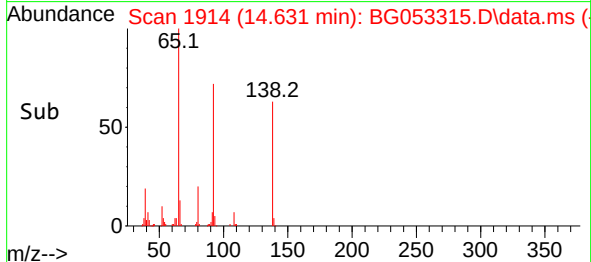
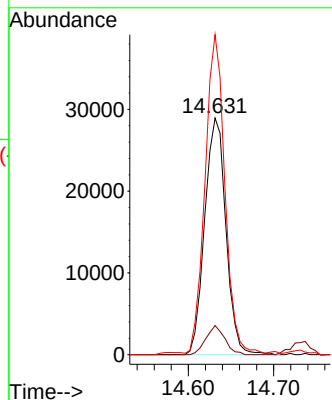
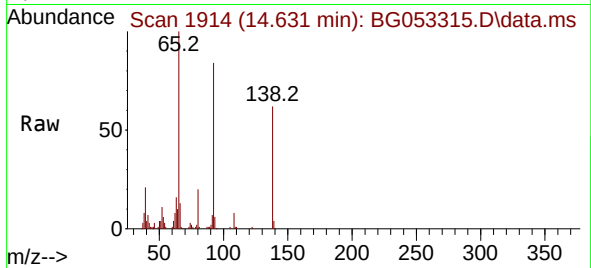




#53
3-Nitroaniline
Concen: 29.421 ng
RT: 14.631 min Scan# 1916
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

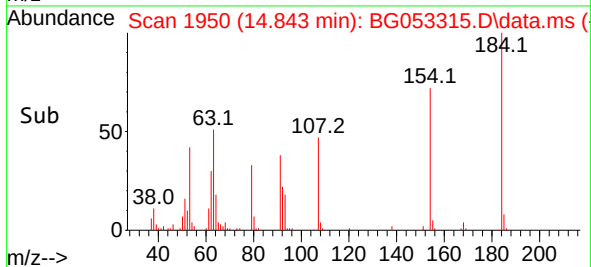
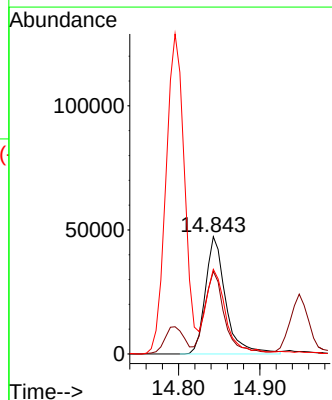
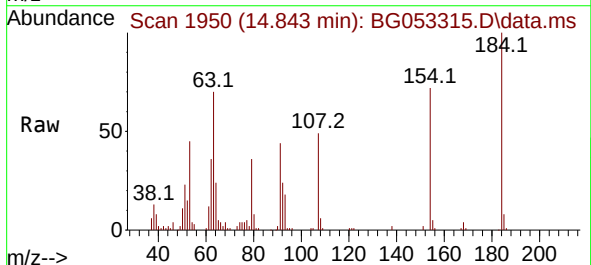
Instrument :
BNA_G
ClientSampleId :
PB144297BS

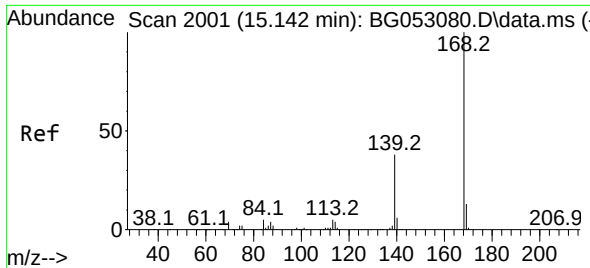
Tgt Ion:138 Resp: 50061
Ion Ratio Lower Upper
138 100
108 12.3 8.0 12.0#
92 135.2 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 79.970 ng
RT: 14.843 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:184 Resp: 81879
Ion Ratio Lower Upper
184 100
63 70.3 51.8 77.6
154 72.2 47.8 71.6#

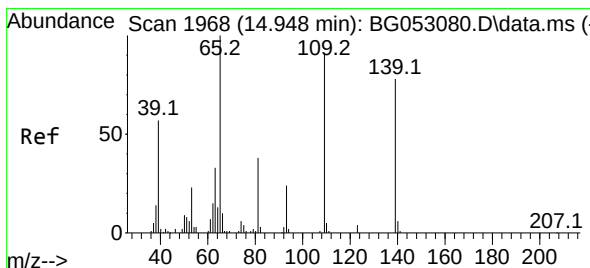
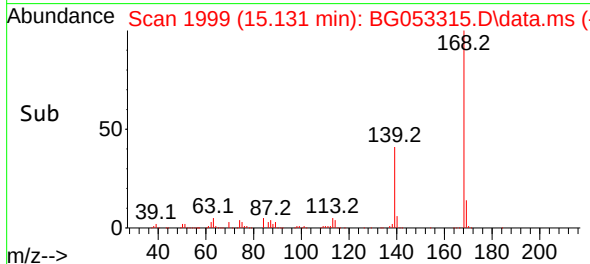
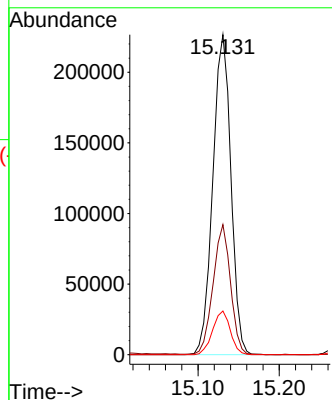
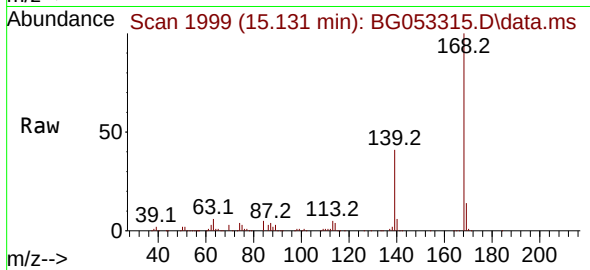




#55
Dibenzenofuran
Concen: 38.040 ng
RT: 15.131 min Scan# 1999
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

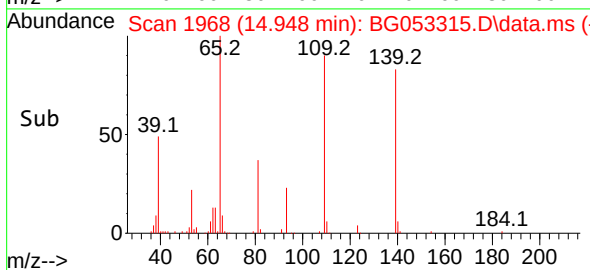
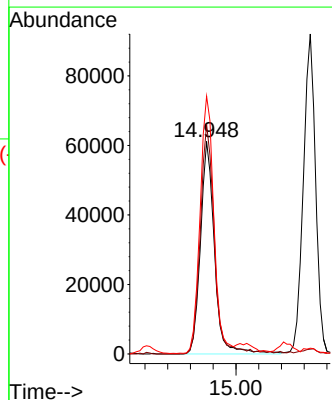
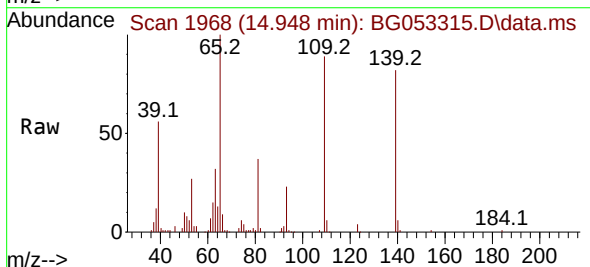
Instrument :
BNA_G
ClientSampleId :
PB144297BS

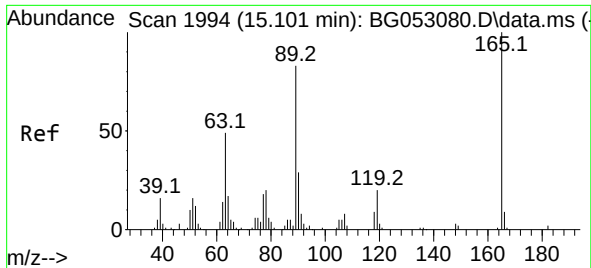
Tgt Ion:168 Resp: 350348
Ion Ratio Lower Upper
168 100
139 40.6 30.2 45.4
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 80.458 ng
RT: 14.948 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:139 Resp: 104410
Ion Ratio Lower Upper
139 100
109 108.0 67.1 107.1#
65 121.3 88.2 128.2

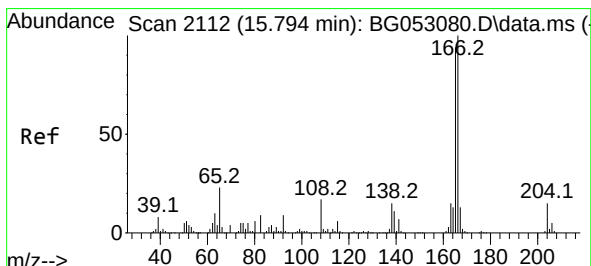
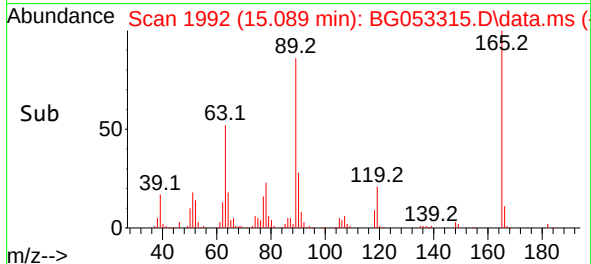
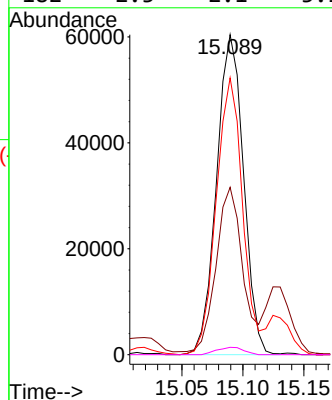
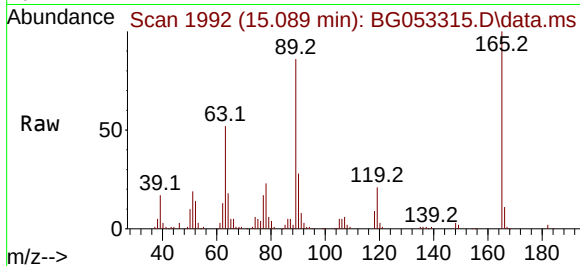




#57
2,4-Dinitrotoluene
Concen: 40.654 ng
RT: 15.089 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

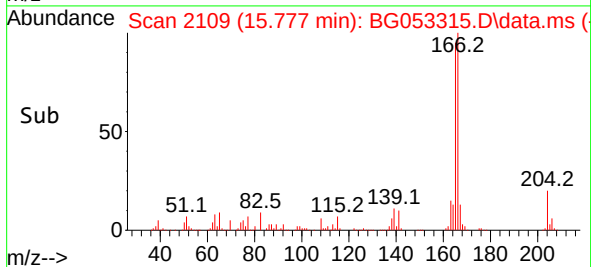
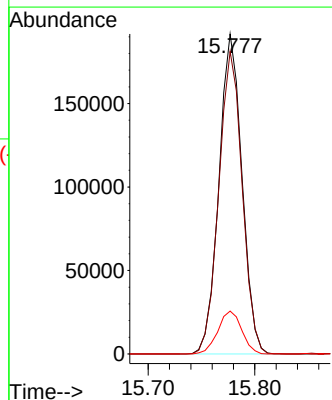
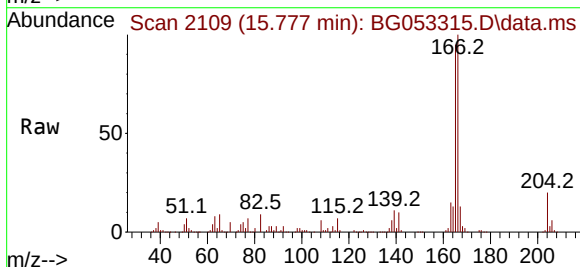
Instrument :
BNA_G
ClientSampleId :
PB144297BS

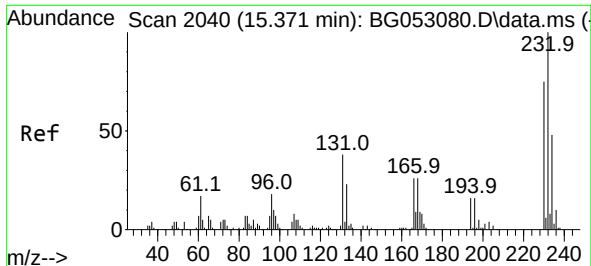
Tgt Ion:165 Resp: 93134
Ion Ratio Lower Upper
165 100
63 52.3 34.8 52.2#
89 86.5 57.4 86.0#
182 2.3 2.1 3.1



#58
Fluorene
Concen: 38.613 ng
RT: 15.777 min Scan# 2109
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:166 Resp: 287225
Ion Ratio Lower Upper
166 100
165 94.6 78.6 117.8
167 13.4 10.9 16.3

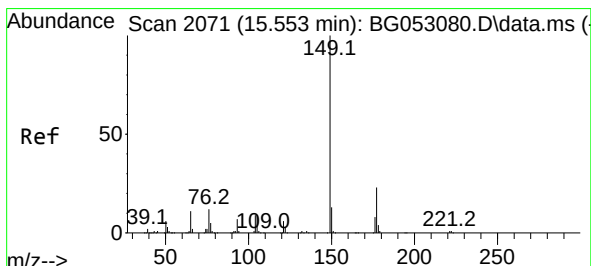
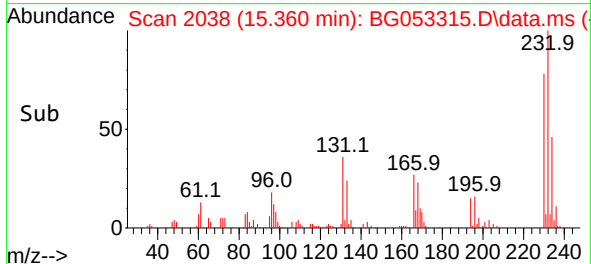
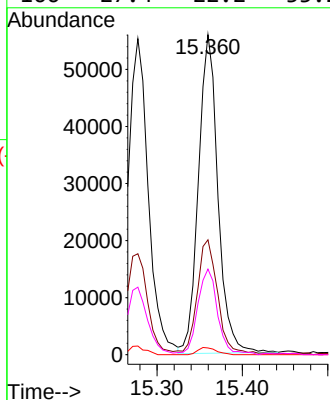
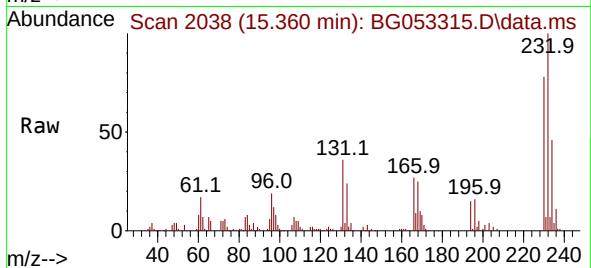




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.032 ng
RT: 15.360 min Scan# 2040
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

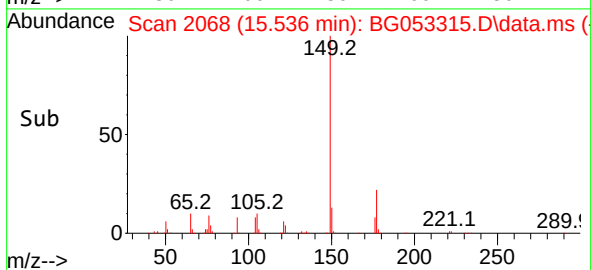
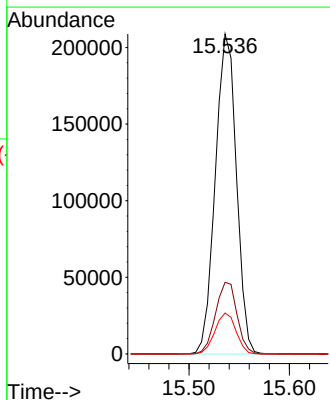
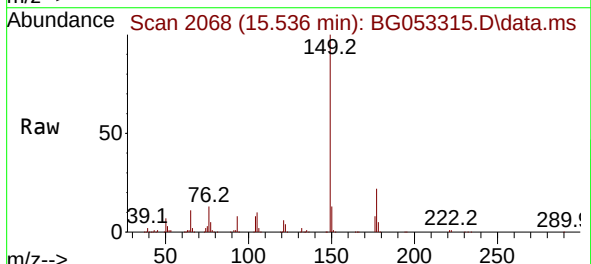
Instrument :
BNA_G
ClientSampleId :
PB144297BS

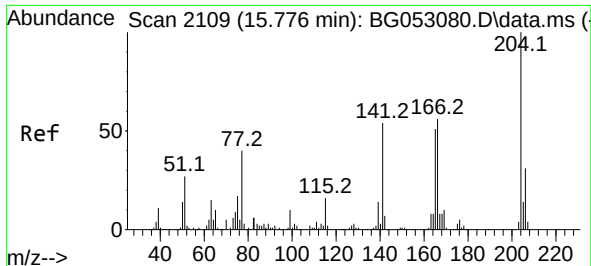
Tgt Ion:232 Resp: 88878
Ion Ratio Lower Upper
232 100
131 37.5 30.1 45.1
130 2.1 1.8 2.8
166 27.4 22.2 33.2



#60
Diethylphthalate
Concen: 37.697 ng
RT: 15.536 min Scan# 2068
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:149 Resp: 304653
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.8 9.9 14.9

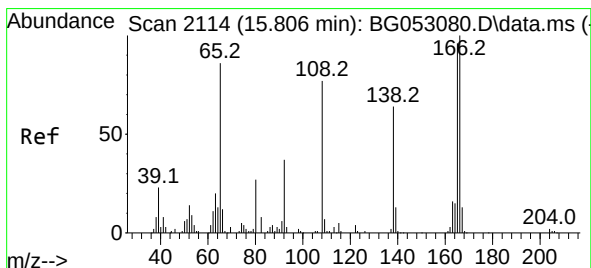
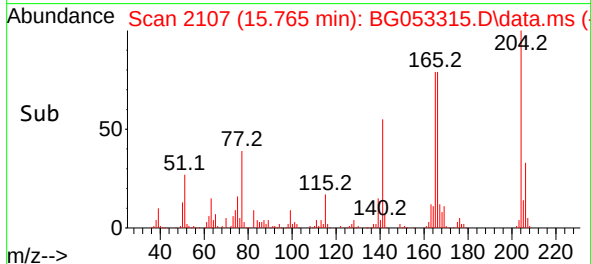
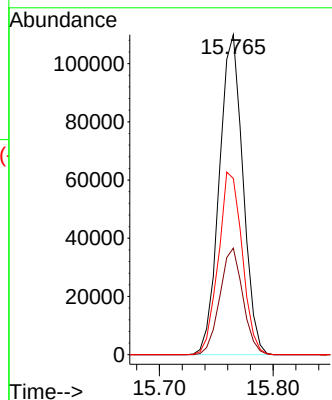
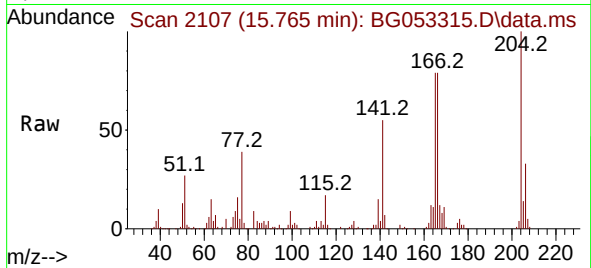




#61
4-Chlorophenyl-phenylether
Concen: 37.641 ng
RT: 15.765 min Scan# 2109
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

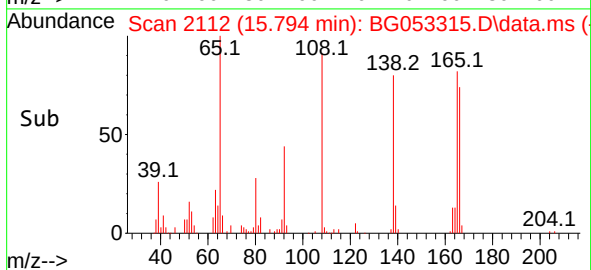
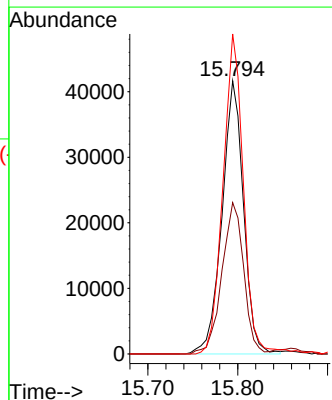
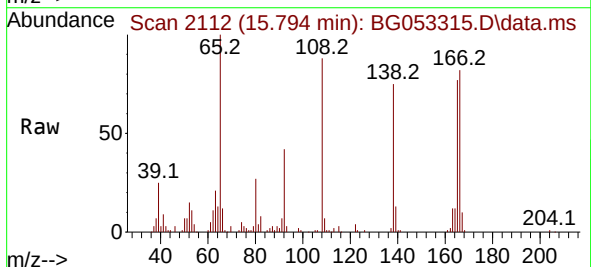
Instrument :
BNA_G
ClientSampleId :
PB144297BS

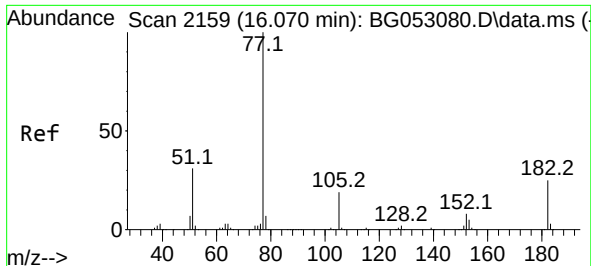
Tgt Ion:204 Resp: 158724
Ion Ratio Lower Upper
204 100
206 33.3 28.3 42.5
141 55.1 45.8 68.8



#62
4-Nitroaniline
Concen: 38.536 ng
RT: 15.794 min Scan# 2112
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:138 Resp: 69190
Ion Ratio Lower Upper
138 100
92 55.4 33.3 73.3
108 117.2 74.2 114.2#

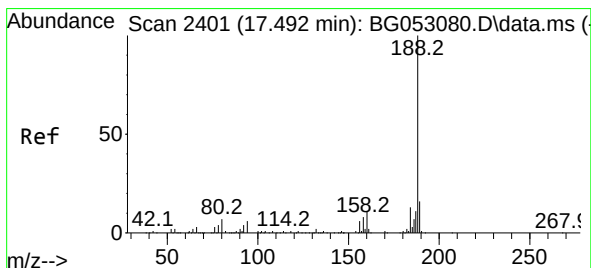
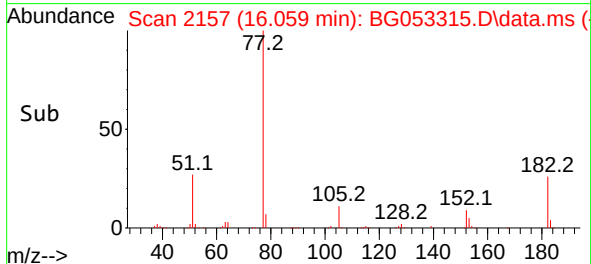
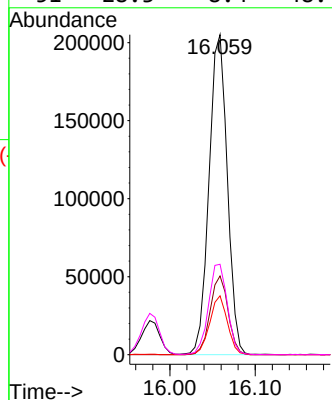
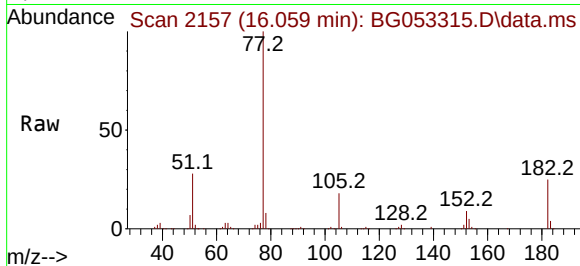




#63
Azobenzene
Concen: 37.543 ng
RT: 16.059 min Scan# 2157
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

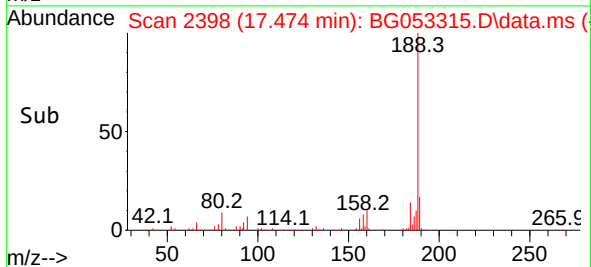
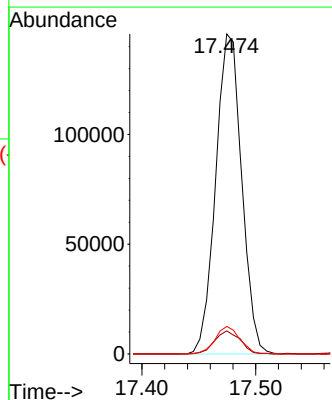
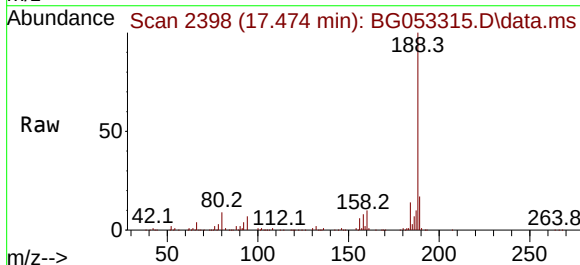
Instrument :
BNA_G
ClientSampleId :
PB144297BS

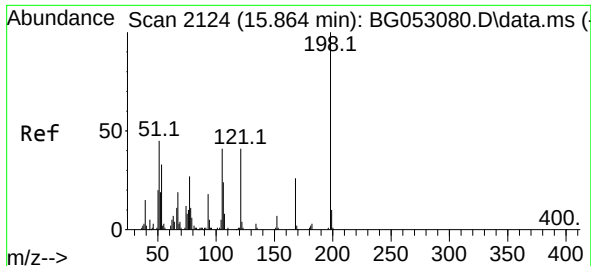
Tgt Ion:	77	Resp:	305901
Ion	Ratio	Lower	Upper
77	100		
182	24.6	5.6	45.6
105	18.4	0.0	38.8
51	28.3	8.4	48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:	188	Resp:	231405
Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	8.6	7.2	10.8

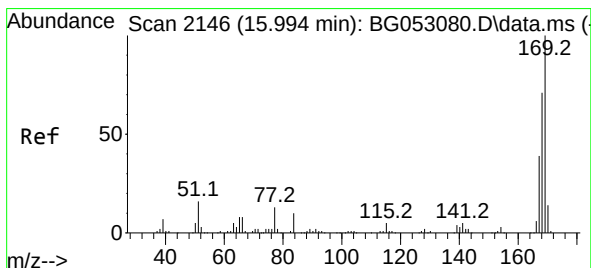
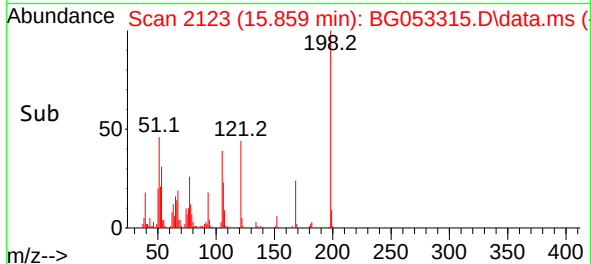
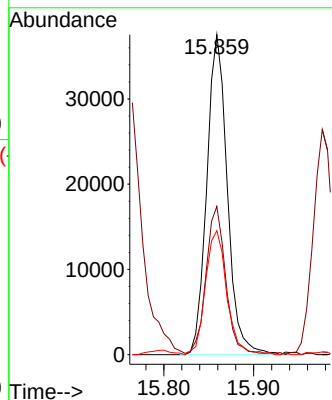
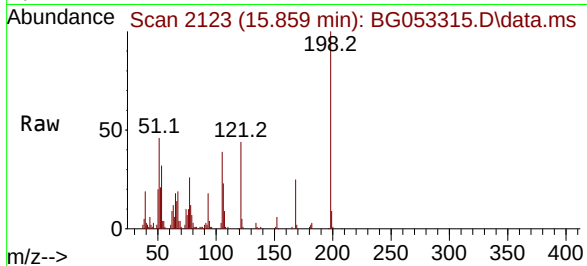




#65
4,6-Dinitro-2-methylphenol
Concen: 36.842 ng
RT: 15.859 min Scan# 2123
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

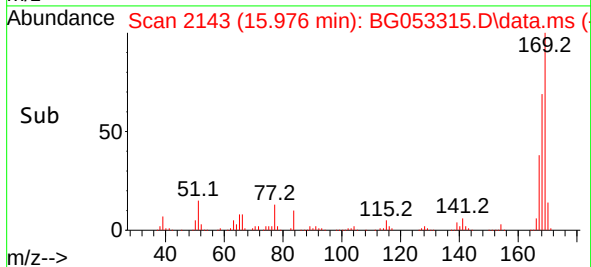
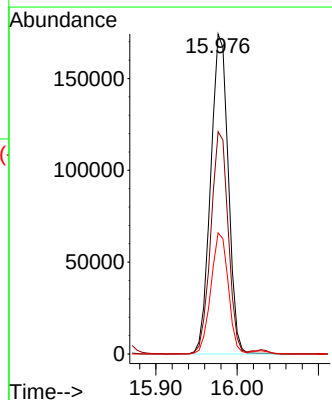
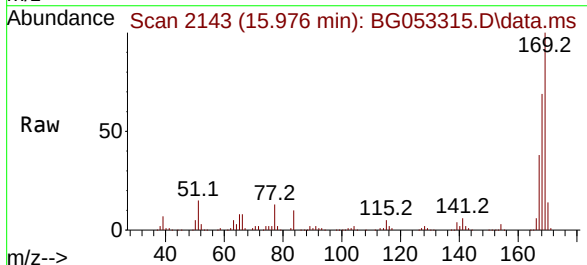
Instrument :
BNA_G
ClientSampleId :
PB144297BS

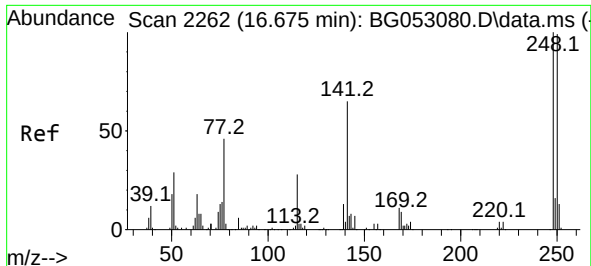
Tgt Ion:198 Resp: 59479
Ion Ratio Lower Upper
198 100
51 46.3 21.7 61.7
105 38.7 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 39.388 ng
RT: 15.976 min Scan# 2143
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:169 Resp: 262104
Ion Ratio Lower Upper
169 100
168 69.4 54.5 81.7
167 37.9 29.6 44.4

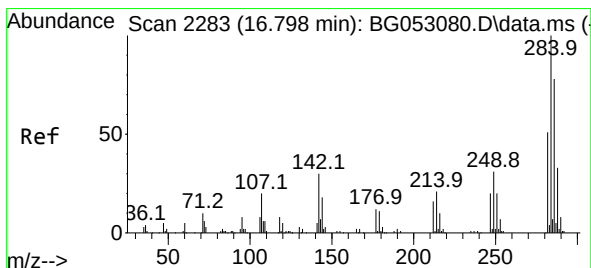
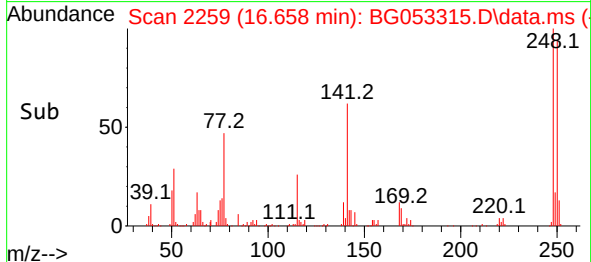
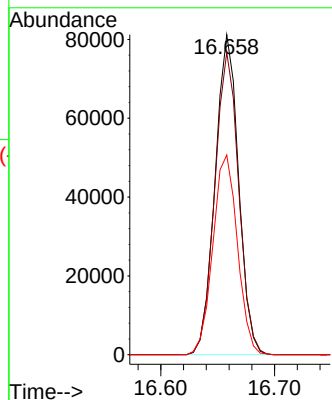
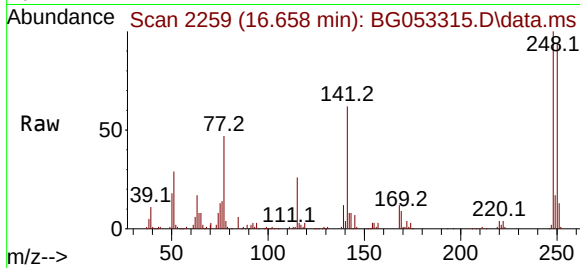




#67
4-Bromophenyl-phenylether
Concen: 39.246 ng
RT: 16.658 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

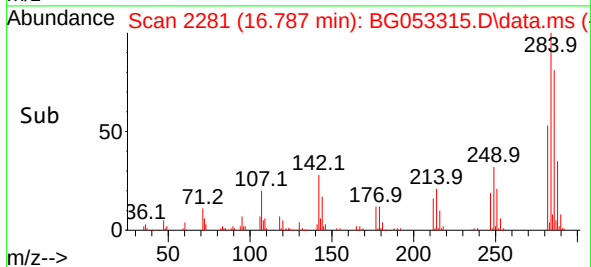
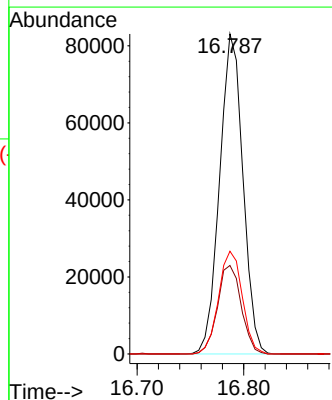
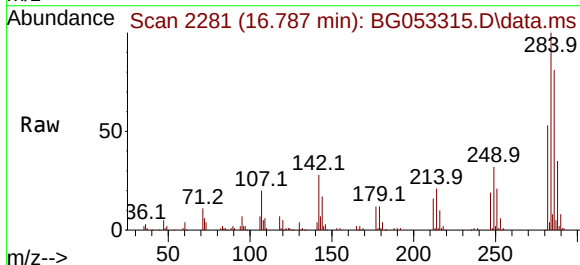
Instrument :
BNA_G
ClientSampleId :
PB144297BS

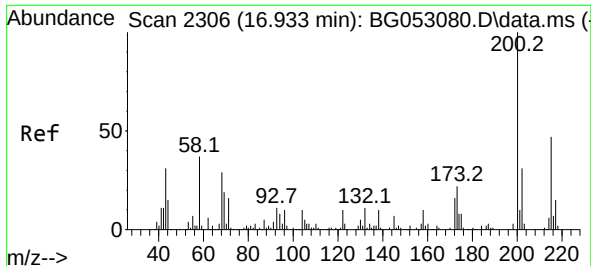
Tgt Ion:248 Resp: 116368
Ion Ratio Lower Upper
248 100
250 94.5 77.9 116.9
141 62.4 49.2 73.8



#68
Hexachlorobenzene
Concen: 39.200 ng
RT: 16.787 min Scan# 2281
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:284 Resp: 125873
Ion Ratio Lower Upper
284 100
142 27.6 21.0 31.4
249 32.1 22.7 34.1

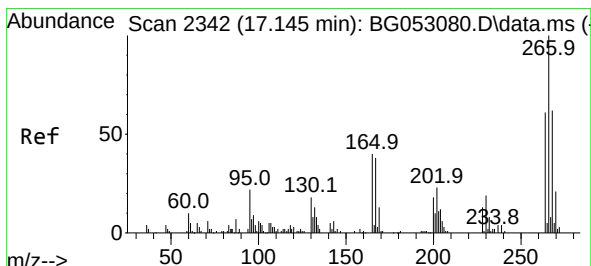
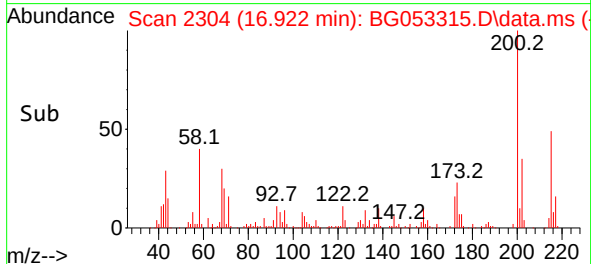
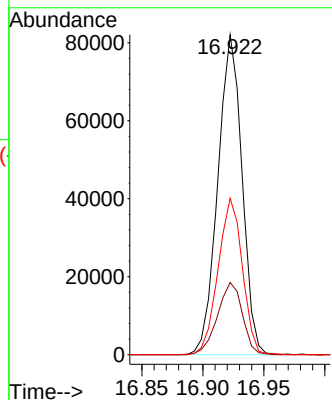
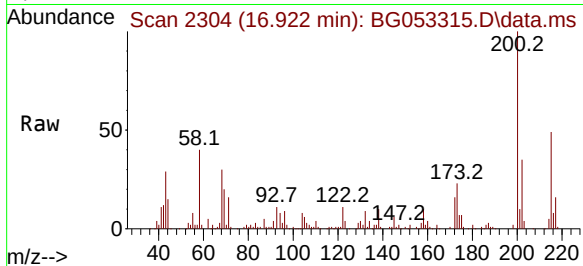




#69
 Atrazine
 Concen: 43.560 ng
 RT: 16.922 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

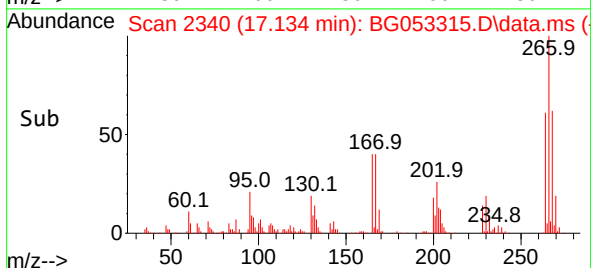
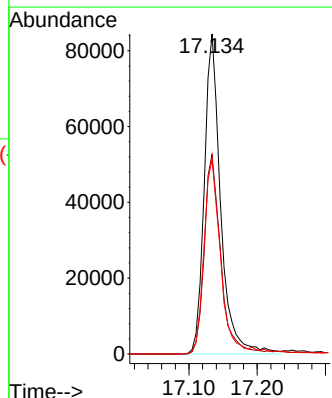
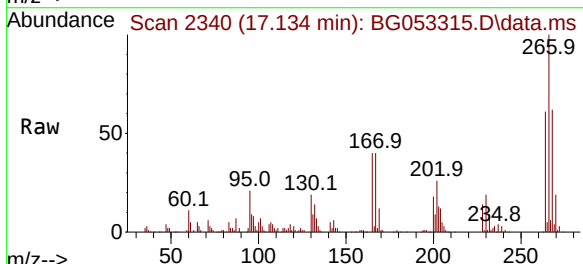
Instrument :
 BNA_G
 ClientSampleId :
 PB144297BS

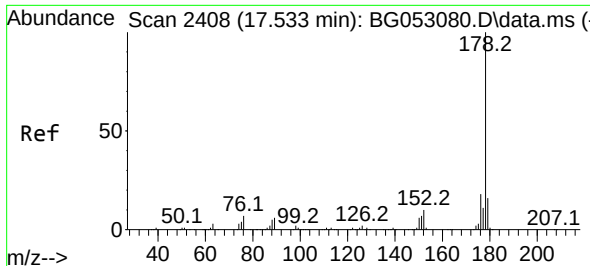
Tgt Ion:200 Resp: 113229
 Ion Ratio Lower Upper
 200 100
 173 22.6 3.8 43.8
 215 48.9 26.3 66.3



#70
 Pentachlorophenol
 Concen: 80.478 ng
 RT: 17.134 min Scan# 2340
 Delta R.T. -0.003 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

Tgt Ion:266 Resp: 141233
 Ion Ratio Lower Upper
 266 100
 268 62.4 45.9 68.9
 264 60.8 45.3 67.9

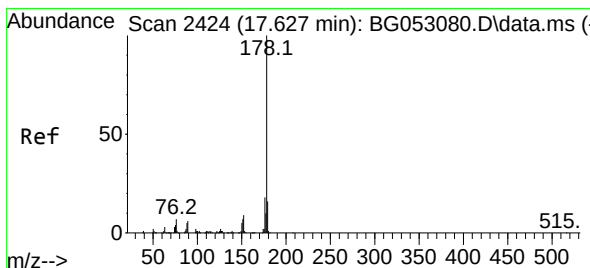
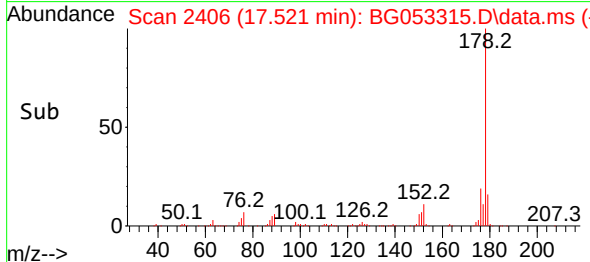
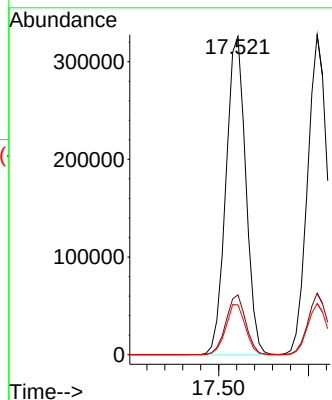
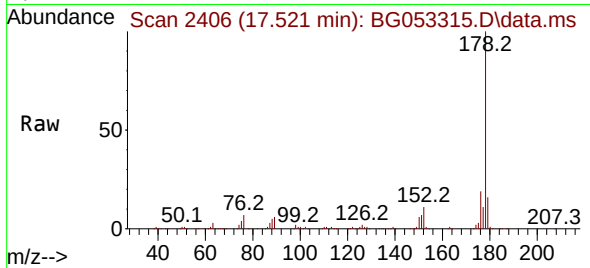




#71
 Phenanthrene
 Concen: 39.416 ng
 RT: 17.521 min Scan# 2406
 Delta R.T. -0.003 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

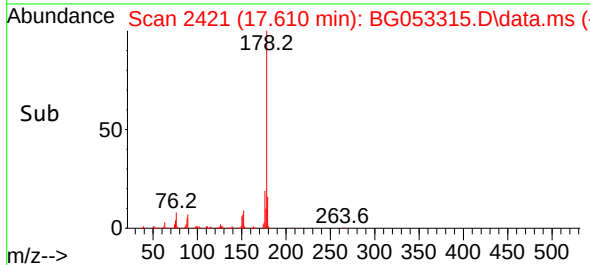
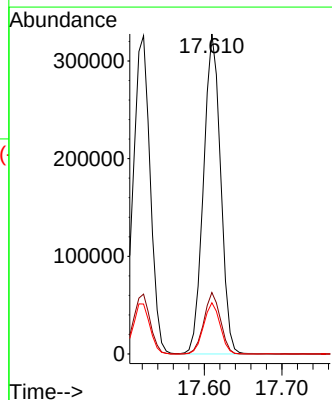
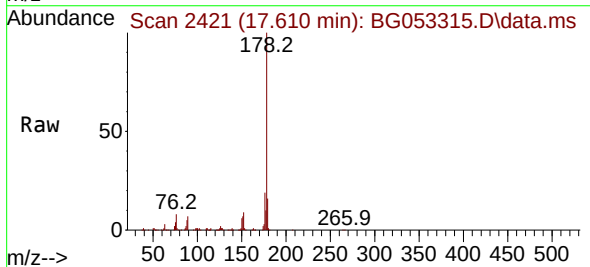
Instrument :
 BNA_G
 ClientSampleId :
 PB144297BS

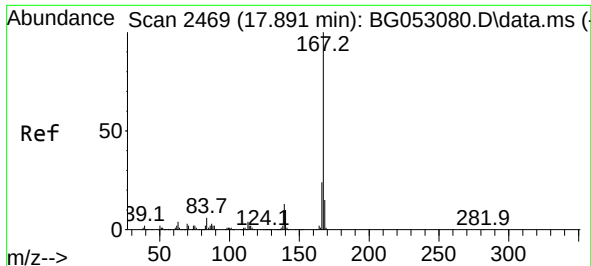
Tgt Ion:178 Resp: 498209
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.9 23.9
 179 15.7 13.4 20.2



#72
 Anthracene
 Concen: 40.050 ng
 RT: 17.610 min Scan# 2421
 Delta R.T. -0.003 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

Tgt Ion:178 Resp: 501510
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.7 22.1
 179 16.0 13.2 19.8

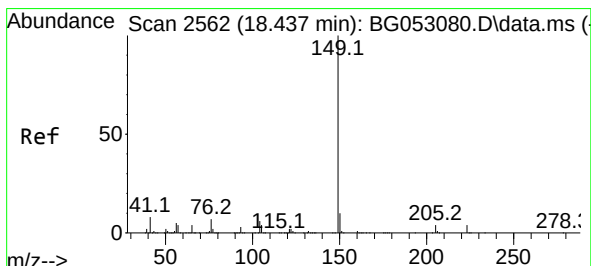
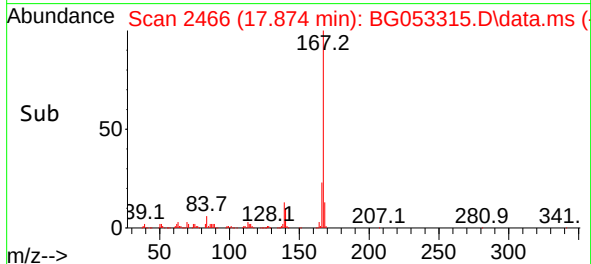
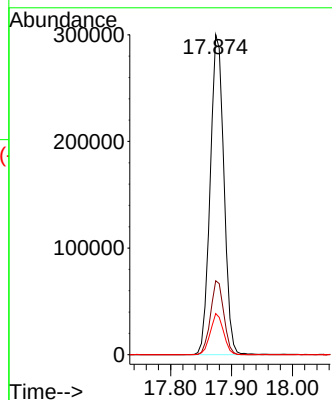
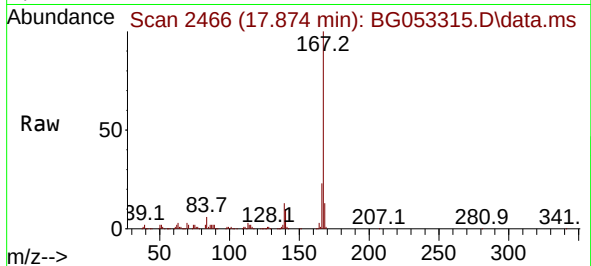




#73
Carbazole
Concen: 38.557 ng
RT: 17.874 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

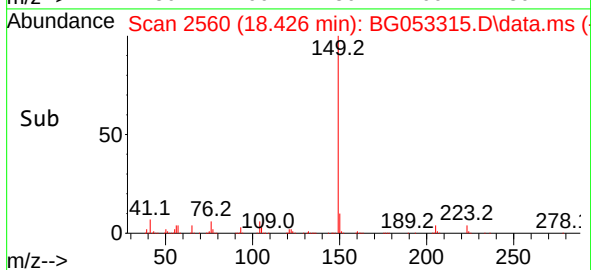
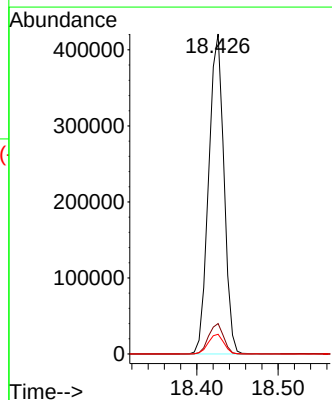
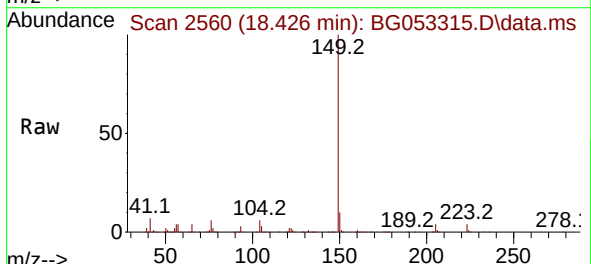
Instrument :
BNA_G
ClientSampleId :
PB144297BS

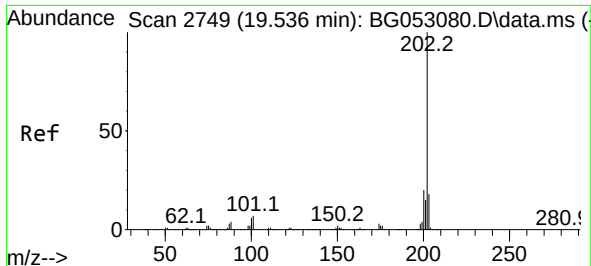
Tgt Ion:167 Resp: 469321
Ion Ratio Lower Upper
167 100
166 23.1 18.5 27.7
139 12.9 10.0 15.0



#74
Di-n-butylphthalate
Concen: 39.665 ng
RT: 18.426 min Scan# 2560
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:149 Resp: 547573
Ion Ratio Lower Upper
149 100
150 9.5 7.0 10.6
104 6.2 4.6 7.0

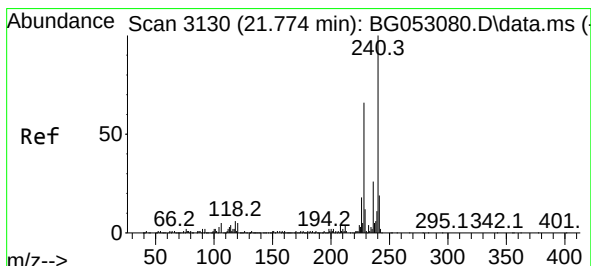
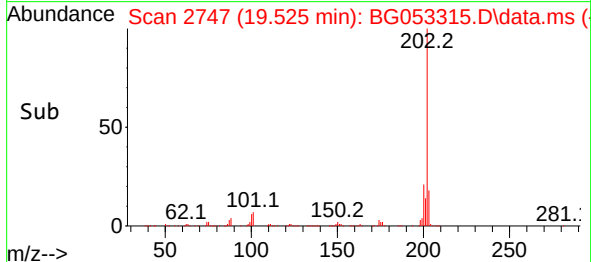
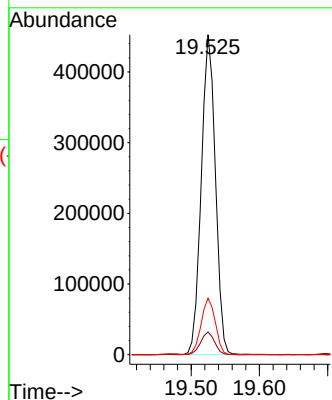
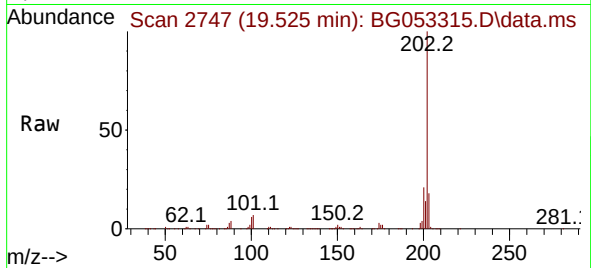




#75
Fluoranthene
Concen: 40.214 ng
RT: 19.525 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

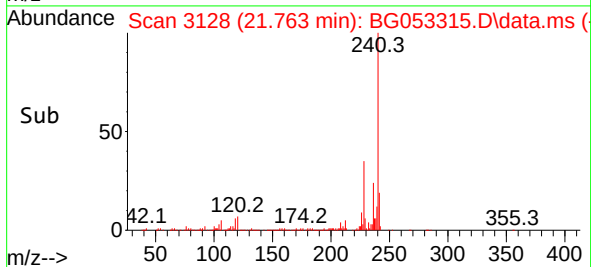
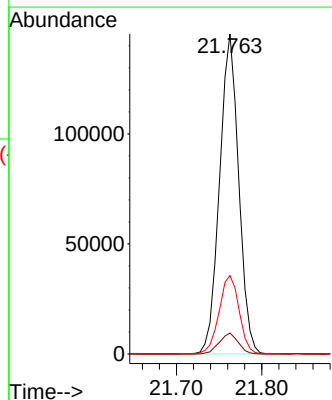
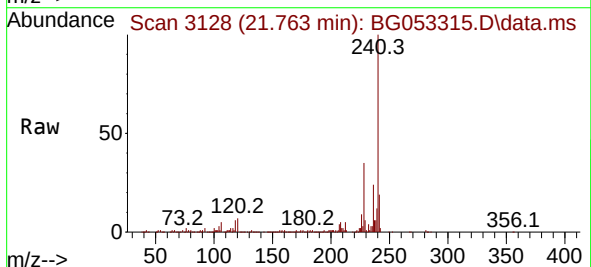
Instrument :
BNA_G
ClientSampleId :
PB144297BS

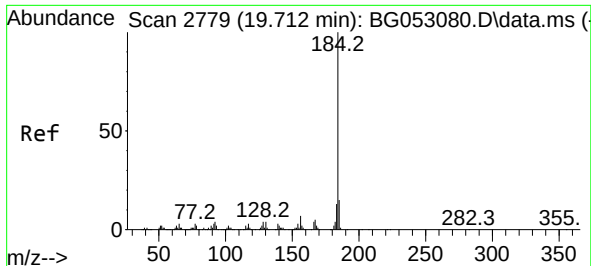
Tgt Ion:202 Resp: 651542
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.3
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:240 Resp: 226104
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 24.5 19.8 29.6

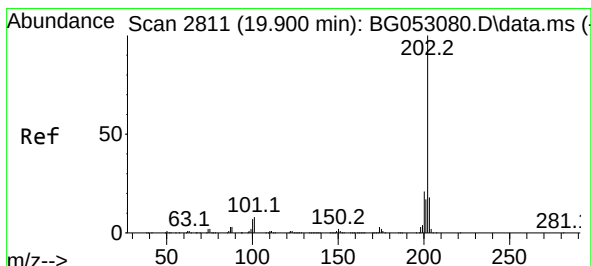
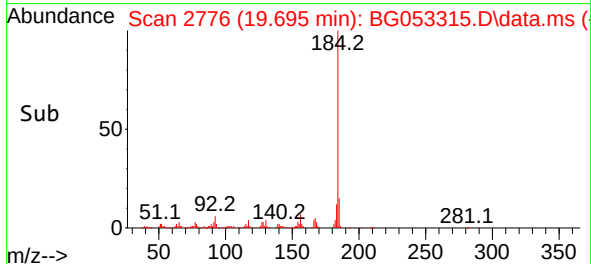
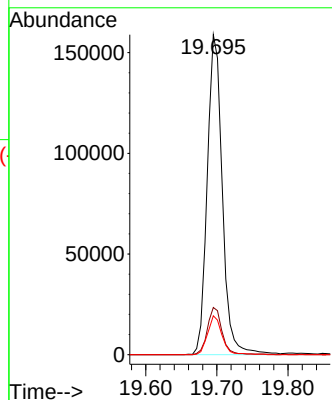
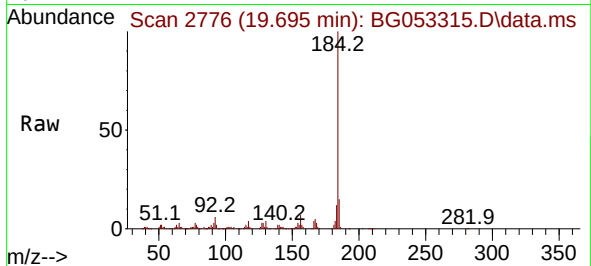




#77
Benzidine
Concen: 36.455 ng
RT: 19.695 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

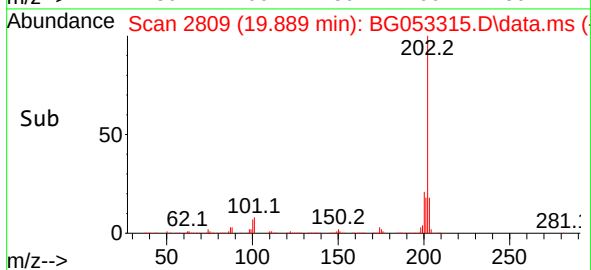
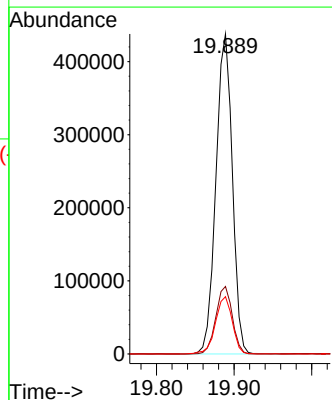
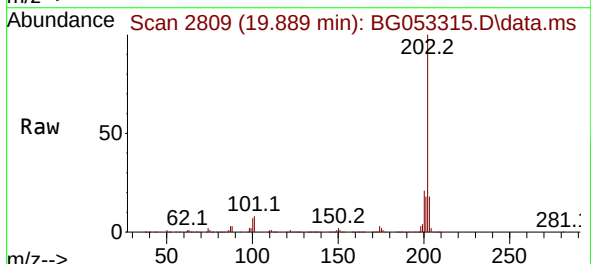
Instrument :
BNA_G
ClientSampleId :
PB144297BS

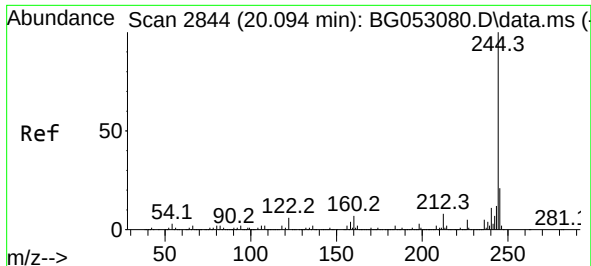
Tgt Ion:184 Resp: 235178
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 12.2 9.4 14.2



#78
Pyrene
Concen: 39.903 ng
RT: 19.889 min Scan# 2809
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:202 Resp: 642556
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.9 15.0 22.6

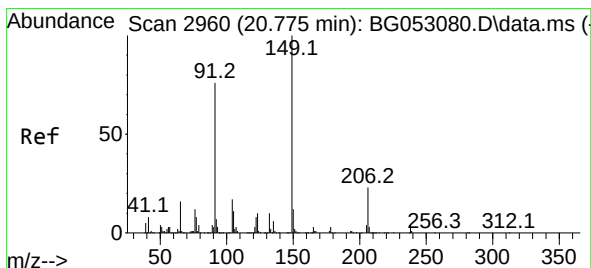
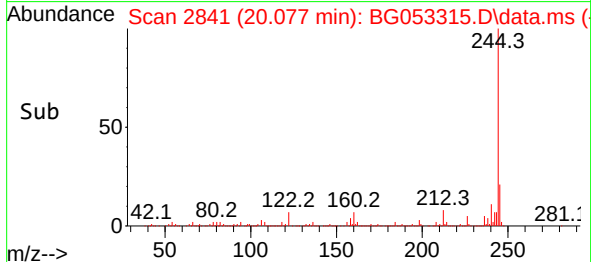
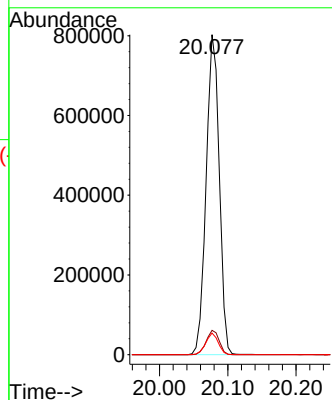
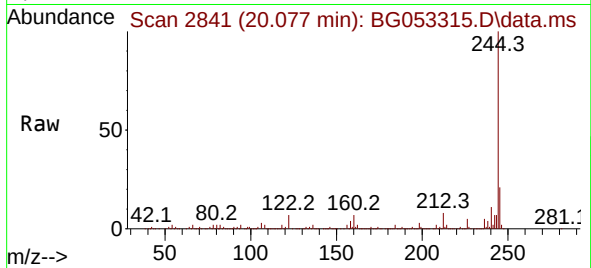




#79
 Terphenyl-d14
 Concen: 80.139 ng
 RT: 20.077 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

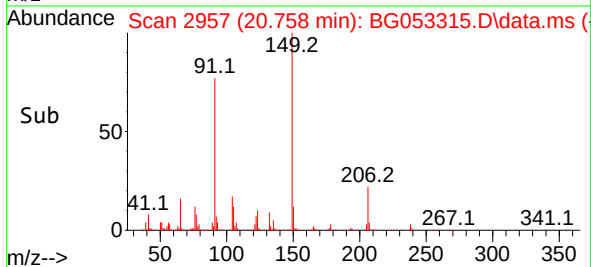
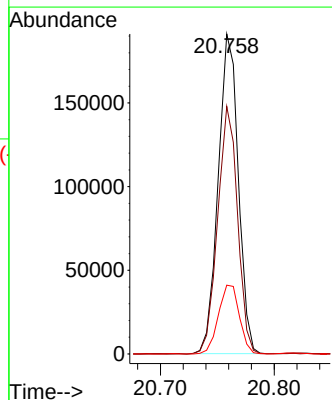
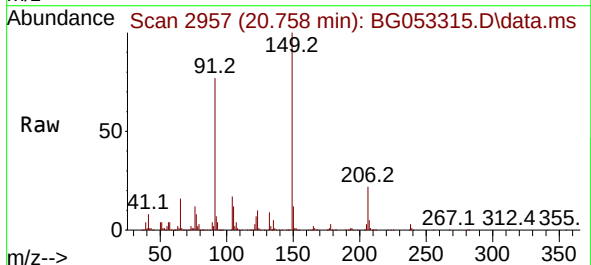
Instrument :
 BNA_G
 ClientSampleId :
 PB144297BS

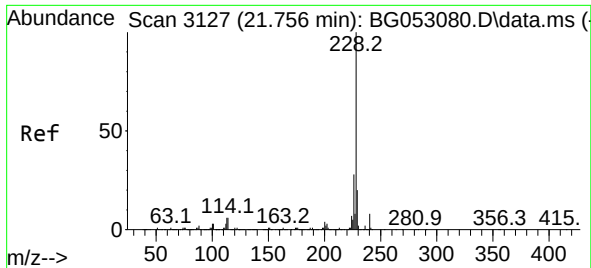
Tgt Ion:244 Resp: 1072866
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.7 5.8 8.6



#80
 Butylbenzylphthalate
 Concen: 39.090 ng
 RT: 20.758 min Scan# 2957
 Delta R.T. -0.009 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

Tgt Ion:149 Resp: 234675
 Ion Ratio Lower Upper
 149 100
 91 77.4 60.2 90.4
 206 21.5 19.4 29.2

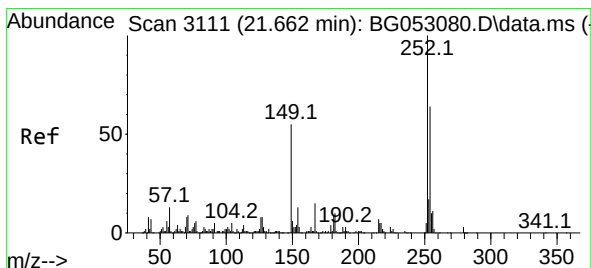
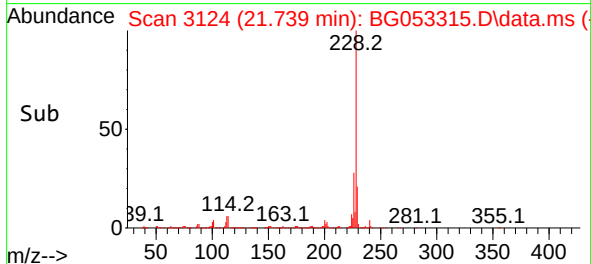
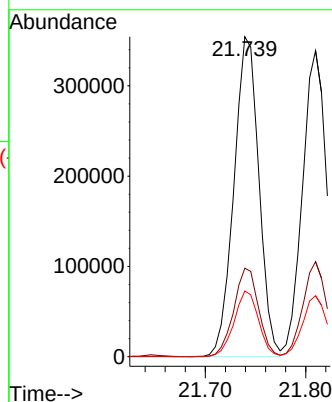
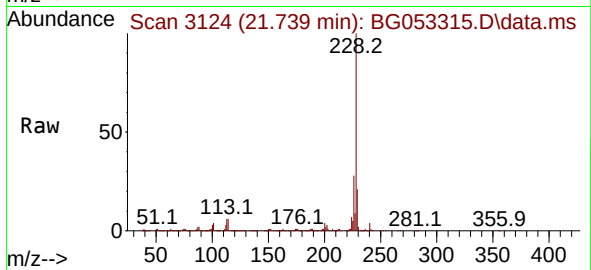




#81
 Benzo(a)anthracene
 Concen: 39.692 ng
 RT: 21.739 min Scan# 3124
 Delta R.T. -0.009 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

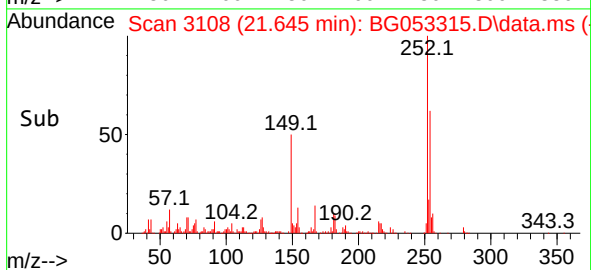
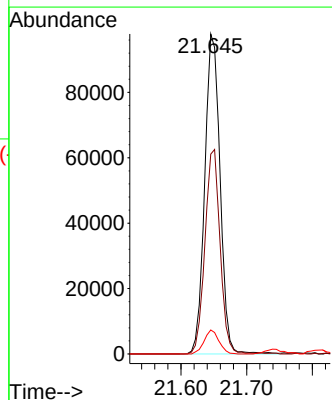
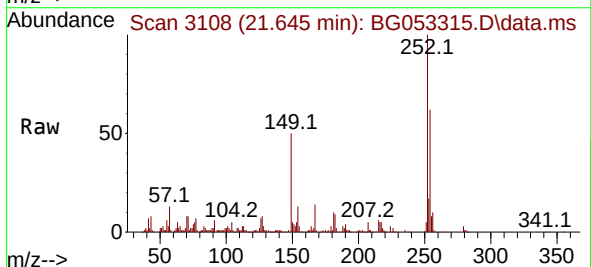
Instrument :
 BNA_G
 ClientSampleId :
 PB144297BS

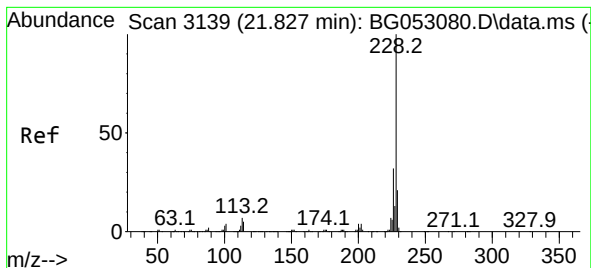
Tgt Ion:228 Resp: 613609
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.4 32.0
 229 20.5 16.7 25.1



#82
 3,3'-Dichlorobenzidine
 Concen: 28.052 ng
 RT: 21.645 min Scan# 3108
 Delta R.T. -0.009 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

Tgt Ion:252 Resp: 159488
 Ion Ratio Lower Upper
 252 100
 254 62.5 51.2 76.8
 126 7.5 5.8 8.8





#83

Chrysene

Concen: 39.462 ng

RT: 21.810 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

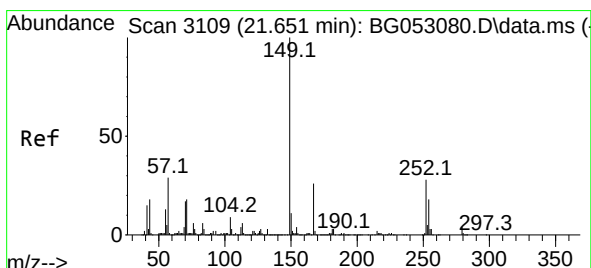
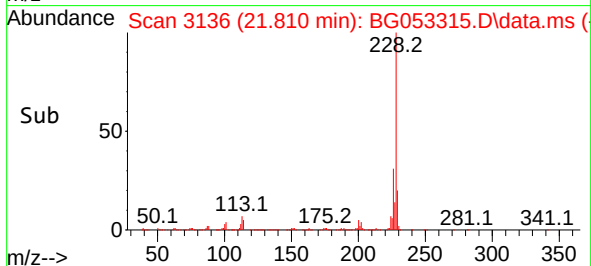
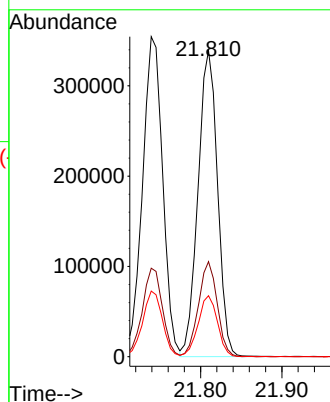
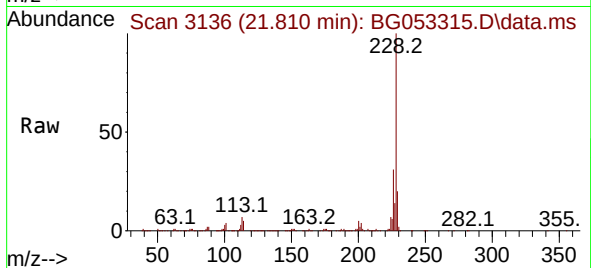
Tgt Ion:228 Resp: 566171

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

229 19.9 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.726 ng

RT: 21.628 min Scan# 3105

Delta R.T. -0.009 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

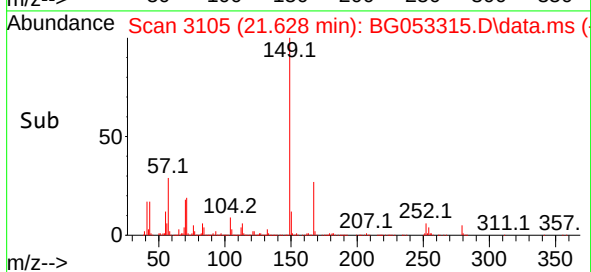
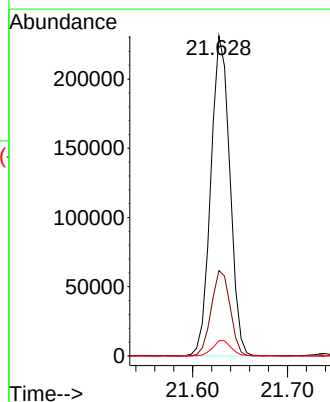
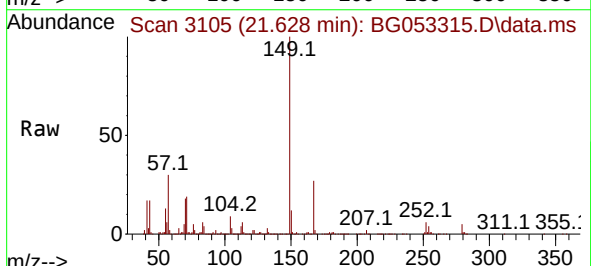
Tgt Ion:149 Resp: 322379

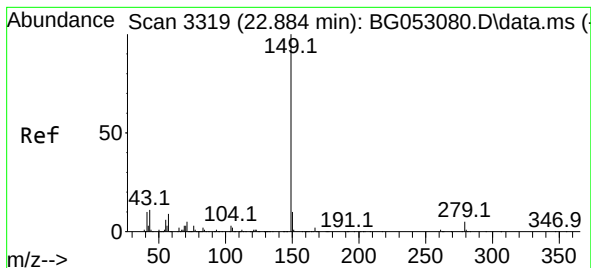
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.2

279 4.8 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 39.500 ng

RT: 22.861 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

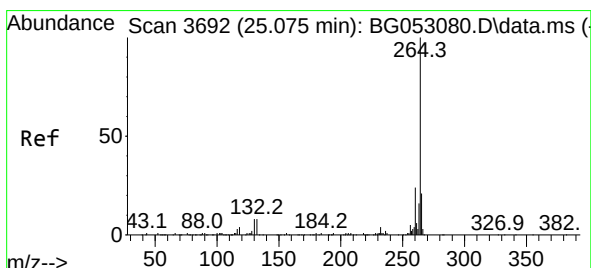
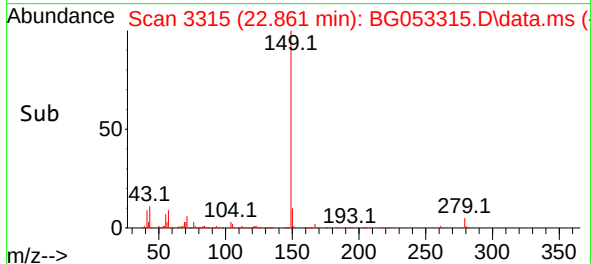
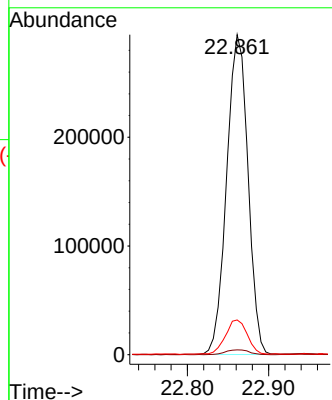
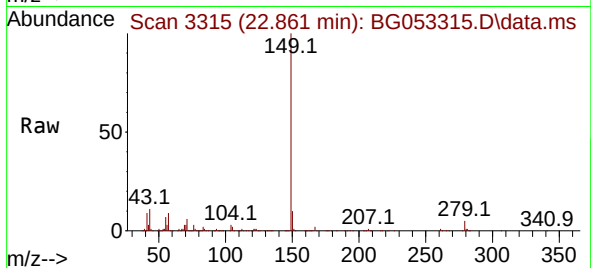
Tgt Ion:149 Resp: 536084

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 11.1 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: BG053315.D

Acq: 26 Apr 2022 11:19

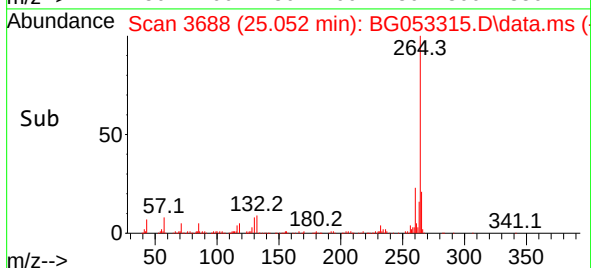
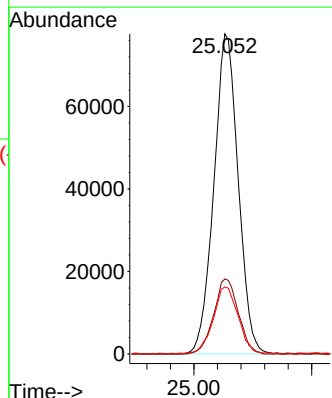
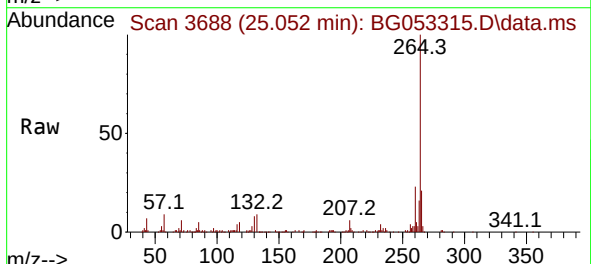
Tgt Ion:264 Resp: 222387

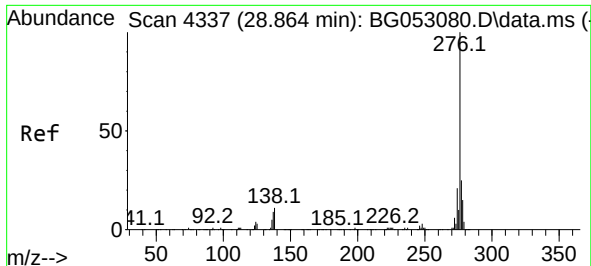
Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 20.9 15.1 22.7

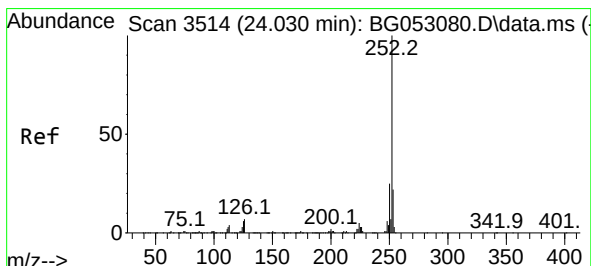
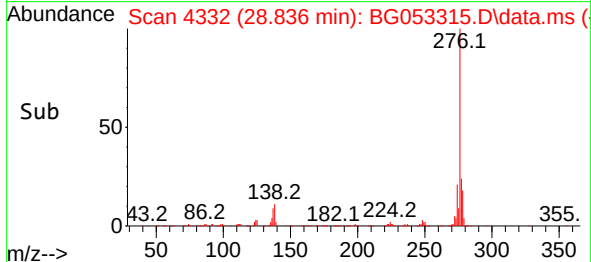
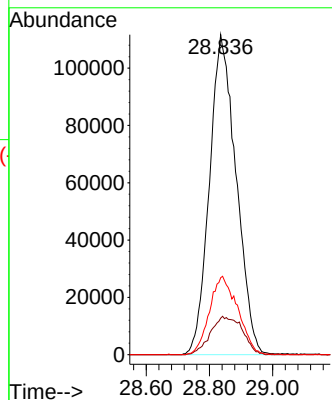
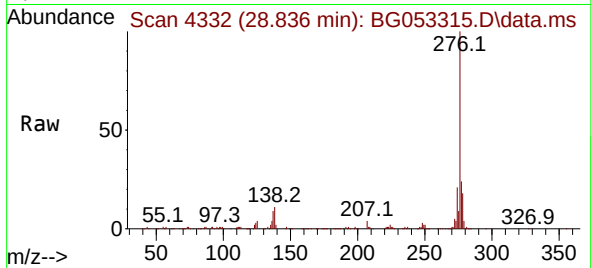




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.754 ng
 RT: 28.836 min Scan# 41
 Delta R.T. -0.015 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

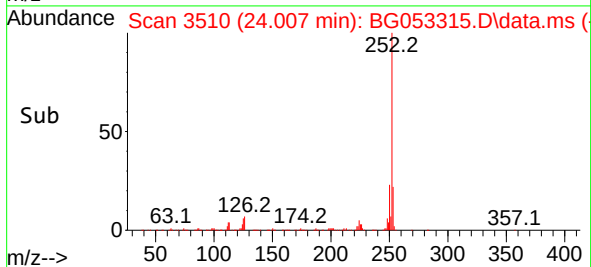
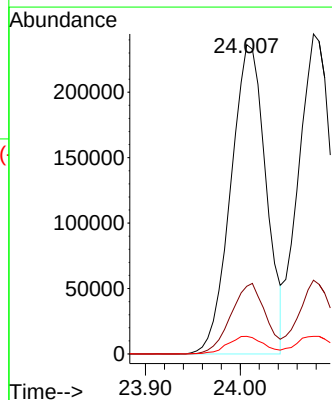
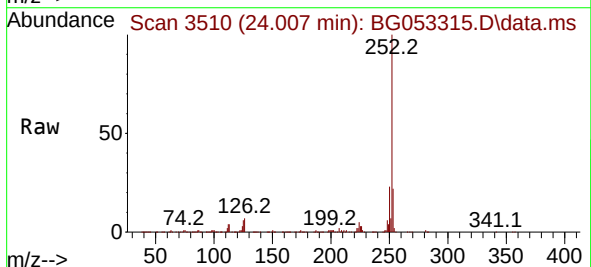
Instrument :
 BNA_G
 ClientSampleId :
 PB144297BS

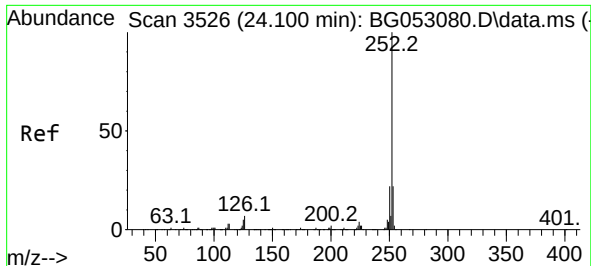
Tgt Ion:276 Resp: 656825
 Ion Ratio Lower Upper
 276 100
 138 14.2 8.7 13.1#
 277 25.9 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 43.492 ng
 RT: 24.007 min Scan# 3510
 Delta R.T. -0.015 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

Tgt Ion:252 Resp: 610245
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.2 25.8
 125 5.7 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 42.751 ng

RT: 24.077 min Scan# 3

Delta R.T. -0.009 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

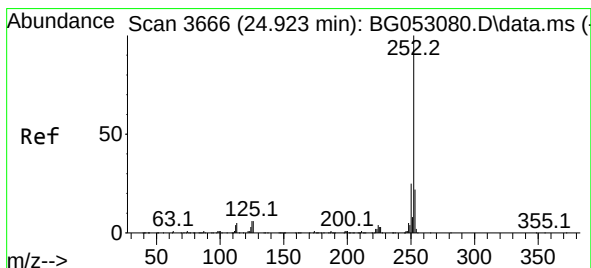
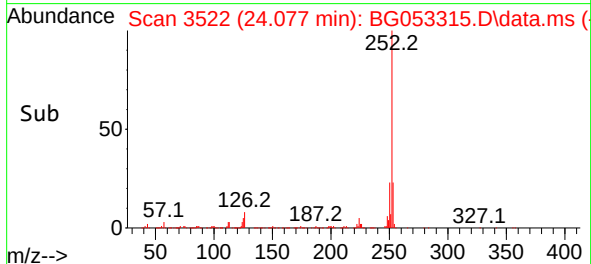
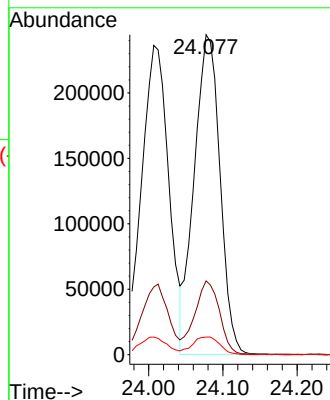
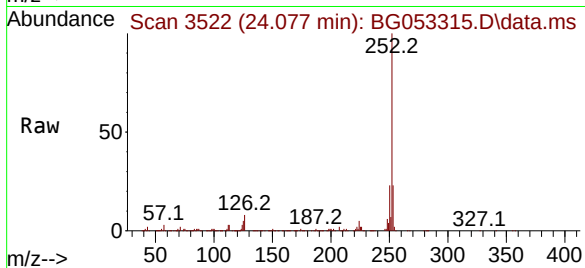
Tgt Ion:252 Resp: 589545

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

125 5.5 5.0 7.4



#90

Benzo(a)pyrene

Concen: 48.602 ng

RT: 24.906 min Scan# 3663

Delta R.T. -0.009 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

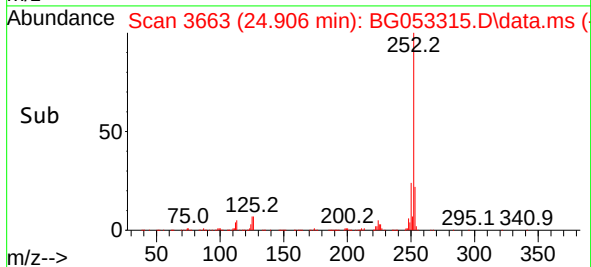
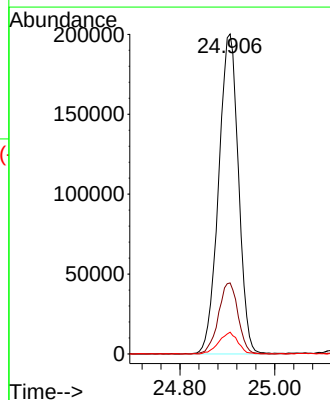
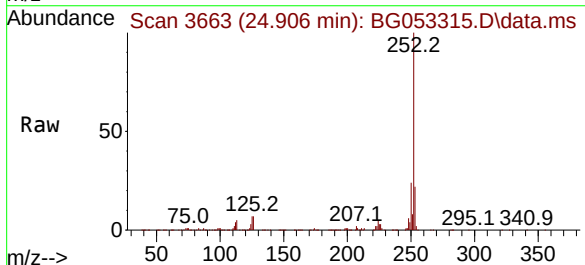
Tgt Ion:252 Resp: 580961

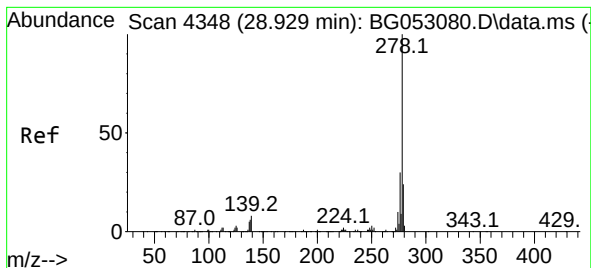
Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

125 6.8 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 42.176 ng

RT: 28.894 min Scan# 41

Delta R.T. -0.009 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

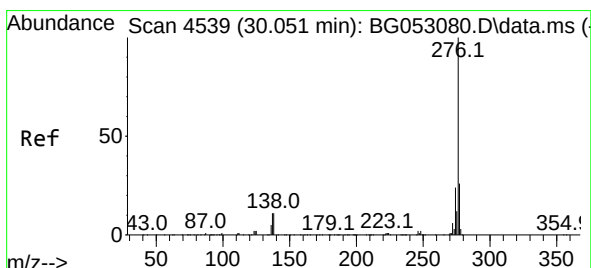
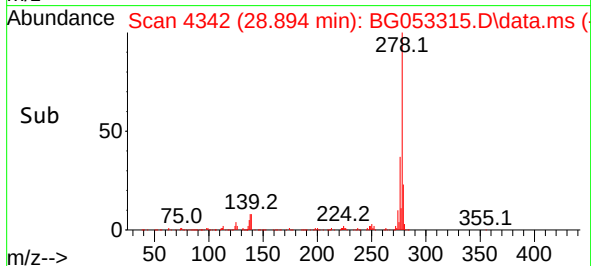
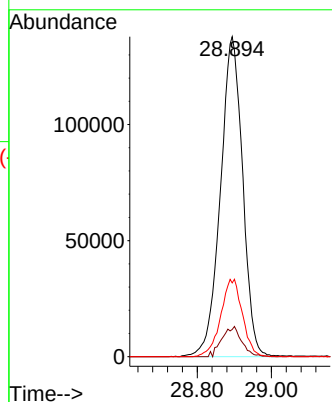
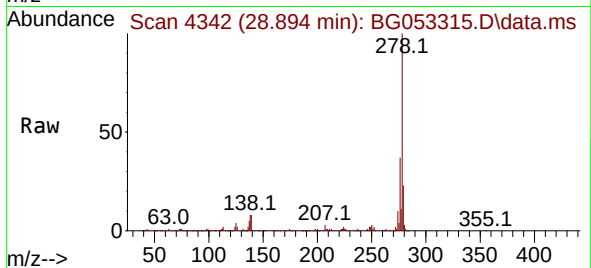
Tgt Ion:278 Resp: 573529

Ion Ratio Lower Upper

278 100

139 8.5 7.8 11.6

279 23.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 42.806 ng

RT: 30.016 min Scan# 4533

Delta R.T. -0.020 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Tgt Ion:276 Resp: 573732

Ion Ratio Lower Upper

276 100

277 21.6 18.2 27.2

138 10.6 9.1 13.7

