

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
 Data File : BG052534.D
 Acq On : 2 Mar 2022 12:20
 Operator : CG/JU
 Sample : PB142974BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142974BSD

Quant Time: Mar 03 02:25:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	30483	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	131352	20.000	ng	#-0.01
39) Acenaphthene-d10	14.868	164	97130	20.000	ng	0.00
64) Phenanthrene-d10	17.617	188	243297	20.000	ng	0.00
76) Chrysene-d12	21.935	240	237342	20.000	ng	# 0.00
86) Perylene-d12	25.401	264	244940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.751	112	271310	155.121	ng	0.00
7) Phenol-d6	7.372	99	375769	139.244	ng	0.00
23) Nitrobenzene-d5	9.393	82	248612	82.260	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	198176	142.018	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	598856	85.672	ng	0.00
79) Terphenyl-d14	20.208	244	1195024	88.912	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.577	88	26126	32.440	ng	91
3) Pyridine	3.989	79	67077	28.717	ng	94
4) n-Nitrosodimethylamine	3.895	42	46098	38.222	ng	# 73
6) Aniline	7.531	93	130078	41.489	ng	96
8) 2-Chlorophenol	7.784	128	98267	51.073	ng	96
9) Benzaldehyde	7.343	77	60300	38.872	ng	97
10) Phenol	7.402	94	135293	50.457	ng	90
11) bis(2-Chloroethyl)ether	7.619	93	89200	43.522	ng	95
12) 1,3-Dichlorobenzene	8.107	146	100598	45.889	ng	94
13) 1,4-Dichlorobenzene	8.254	146	102953	46.068	ng	98
14) 1,2-Dichlorobenzene	8.582	146	99237	45.025	ng	90
15) Benzyl Alcohol	8.453	79	104572	46.690	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.747	45	121909	41.192	ng	96
17) 2-Methylphenol	8.665	107	90270	51.019	ng	93
18) Hexachloroethane	9.323	117	34608	44.536	ng	87
19) n-Nitroso-di-n-propyla...	9.029	70	86394	42.465	ng	92
20) 3+4-Methylphenols	8.994	107	122323	48.323	ng	93
22) Acetophenone	9.047	105	153692	44.272	ng	# 90
24) Nitrobenzene	9.434	77	126211	44.024	ng	93
25) Isophorone	9.963	82	232057	45.126	ng	99
26) 2-Nitrophenol	10.157	139	58233	47.923	ng	89
27) 2,4-Dimethylphenol	10.210	122	99750	55.444	ng	92
28) bis(2-Chloroethoxy)met...	10.439	93	126212	43.247	ng	99
29) 2,4-Dichlorophenol	10.703	162	105637	48.986	ng	98
30) 1,2,4-Trichlorobenzene	10.915	180	110108	43.726	ng	98
31) Naphthalene	11.108	128	308253	44.765	ng	97
32) Benzoic acid	10.368	122	47871	42.005	ng	94
33) 4-Chloroaniline	11.208	127	73070	25.416	ng	98
34) Hexachlorobutadiene	11.396	225	71573	42.086	ng	96
35) Caprolactam	11.984	113	24475	31.143	ng	# 85
36) 4-Chloro-3-methylphenol	12.330	107	118993	48.502	ng	97
37) 2-Methylnaphthalene	12.706	142	234485	45.846	ng	98
38) 1-Methylnaphthalene	12.924	142	222425	44.880	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.070	216	140448	43.962	ng	99
41) Hexachlorocyclopentadiene	13.053	237	154795	99.237	ng	92
43) 2,4,6-Trichlorophenol	13.305	196	97810	46.812	ng	94

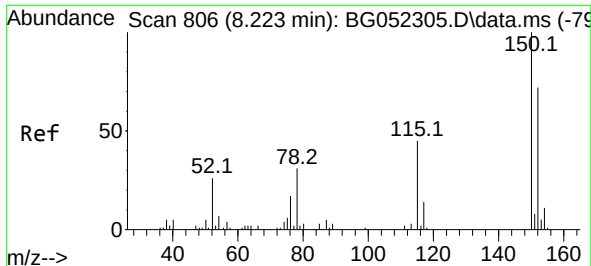
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	106500	47.035	ng	93
46) 1,1'-Biphenyl	13.699	154	325586	45.713	ng	99
47) 2-Chloronaphthalene	13.752	162	249197	45.414	ng	97
48) 2-Nitroaniline	13.946	65	87643	44.863	ng	88
49) Acenaphthylene	14.592	152	419421	46.955	ng	99
50) Dimethylphthalate	14.310	163	343326	46.142	ng	99
51) 2,6-Dinitrotoluene	14.428	165	78659	48.989	ng	# 89
52) Acenaphthene	14.933	154	246907	42.207	ng	99
53) 3-Nitroaniline	14.762	138	55204	33.077	ng	98
54) 2,4-Dinitrophenol	14.974	184	91776	91.545	ng	97
55) Dibenzofuran	15.268	168	402064	43.703	ng	99
56) 4-Nitrophenol	15.080	139	122752	97.939	ng	# 85
57) 2,4-Dinitrotoluene	15.221	165	116731	51.079	ng	# 82
58) Fluorene	15.914	166	339939	46.286	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.491	232	102405	47.342	ng	# 96
60) Diethylphthalate	15.667	149	354068	47.106	ng	97
61) 4-Chlorophenyl-phenyle...	15.896	204	186530	44.586	ng	97
62) 4-Nitroaniline	15.925	138	82503	46.957	ng	# 83
63) Azobenzene	16.190	77	334329	43.449	ng	94
65) 4,6-Dinitro-2-methylph...	15.990	198	65784	44.947	ng	88
66) n-Nitrosodiphenylamine	16.108	169	307502	45.872	ng	97
67) 4-Bromophenyl-phenylether	16.795	248	131729	44.522	ng	95
68) Hexachlorobenzene	16.924	284	146339	45.602	ng	92
69) Atrazine	17.053	200	133012	49.079	ng	97
70) Pentachlorophenol	17.271	266	156251	99.526	ng	97
71) Phenanthrene	17.658	178	569440	45.402	ng	99
72) Anthracene	17.752	178	579870	47.180	ng	100
73) Carbazole	18.017	167	542497	45.257	ng	98
74) Di-n-butylphthalate	18.557	149	619534	47.436	ng	99
75) Fluoranthene	19.662	202	736822	46.137	ng	98
77) Benzidine	19.832	184	308823	60.894	ng	98
78) Pyrene	20.026	202	731826	46.081	ng	99
80) Butylbenzylphthalate	20.889	149	266331	48.278	ng	95
81) Benzo(a)anthracene	21.911	228	714563	45.497	ng	99
82) 3,3'-Dichlorobenzidine	21.812	252	195545	35.664	ng	97
83) Chrysene	21.982	228	668508	44.918	ng	100
84) Bis(2-ethylhexyl)phtha...	21.788	149	376407	49.207	ng	98
85) Di-n-octyl phthalate	23.080	149	631975	49.277	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.413	276	821322	45.822	ng	# 94
88) Benzo(b)fluoranthene	24.291	252	740487	48.513	ng	99
89) Benzo(k)fluoranthene	24.367	252	726494	48.181	ng	97
90) Benzo(a)pyrene	25.236	252	720420	55.874	ng	98
91) Dibenzo(a,h)anthracene	29.472	278	699863	47.266	ng	97
92) Benzo(g,h,i)perylene	30.664	276	695916	47.891	ng	97

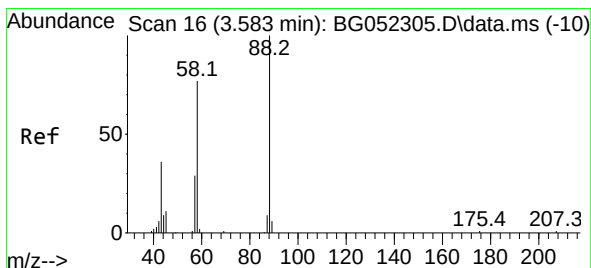
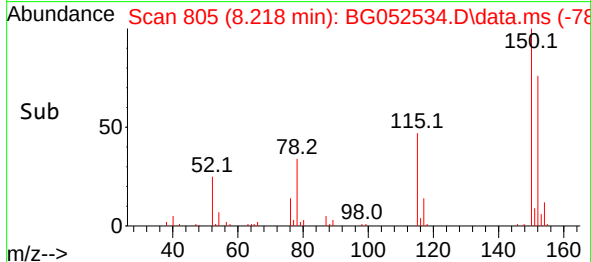
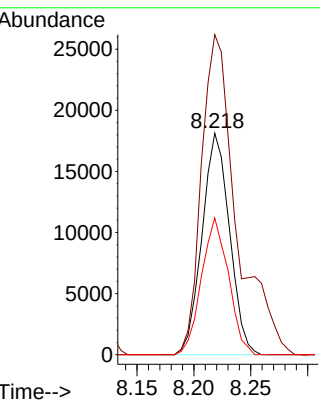
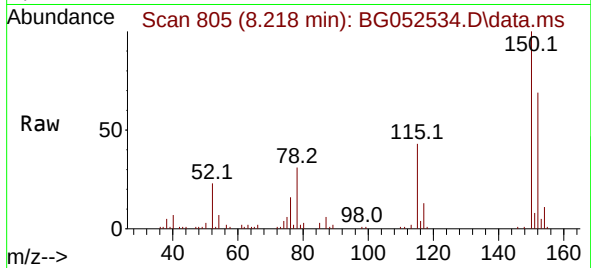
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG052534.D
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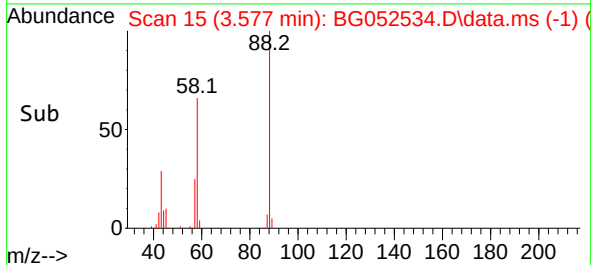
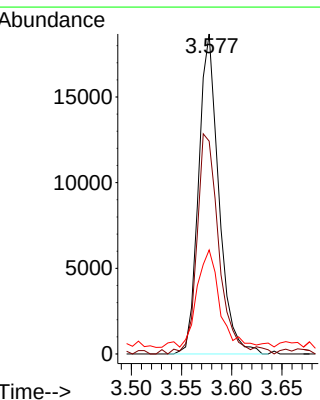
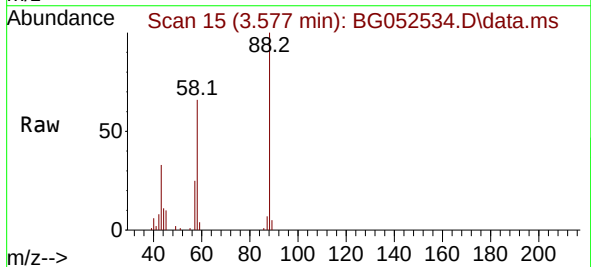
Instrument :
BNA_G
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PB142974BSD

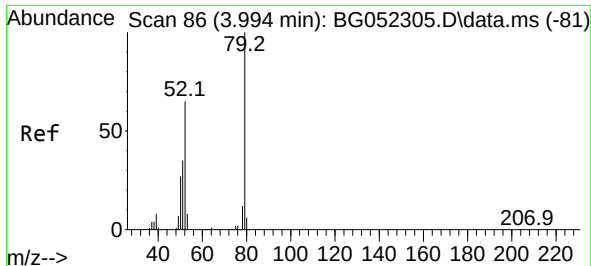
Tgt Ion:152 Resp: 30483
Ion Ratio Lower Upper
152 100
150 144.5 117.8 176.8
115 61.7 50.2 75.2



#2
1,4-Dioxane
Concen: 32.440 ng
RT: 3.577 min Scan# 15
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion: 88 Resp: 26126
Ion Ratio Lower Upper
88 100
58 73.6 65.8 98.8
43 35.4 31.6 47.4





#3

Pyridine

Concen: 28.717 ng

RT: 3.989 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Instrument :

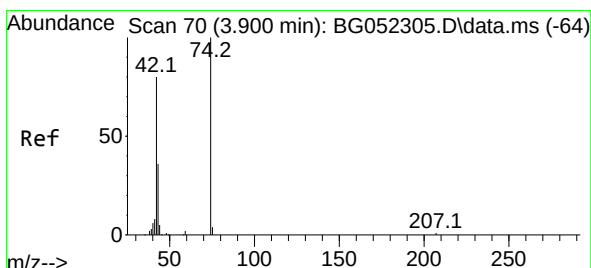
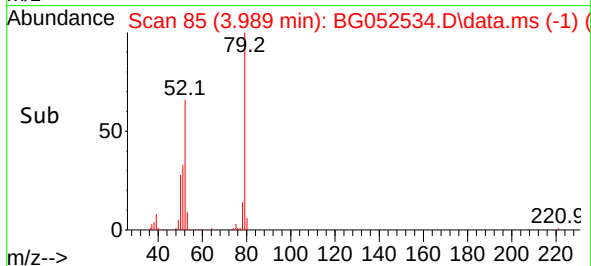
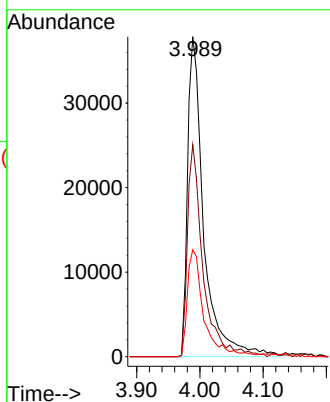
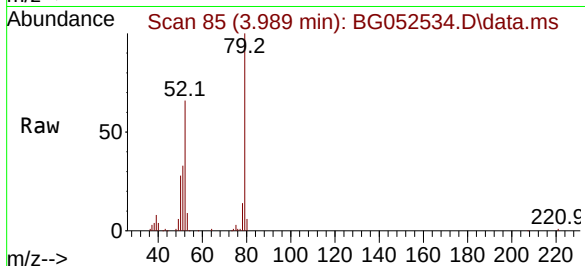
BNA_G

ClientSampleId :

PB142974BSD

Tgt Ion: 79 Resp: 67077

Ion	Ratio	Lower	Upper
79	100		
52	66.3	55.0	82.6
51	33.4	32.5	48.7



#4

n-Nitrosodimethylamine

Concen: 38.222 ng

RT: 3.895 min Scan# 69

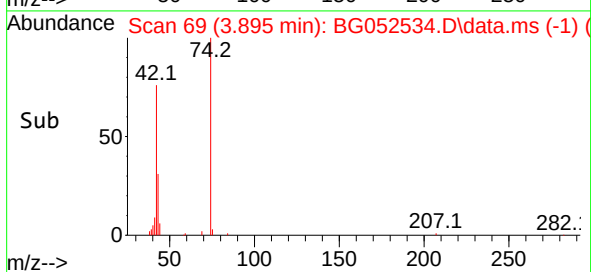
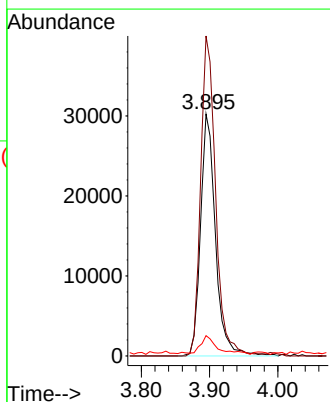
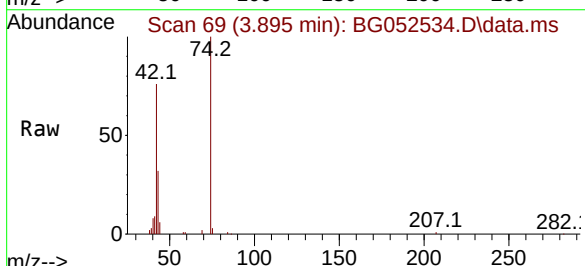
Delta R.T. -0.005 min

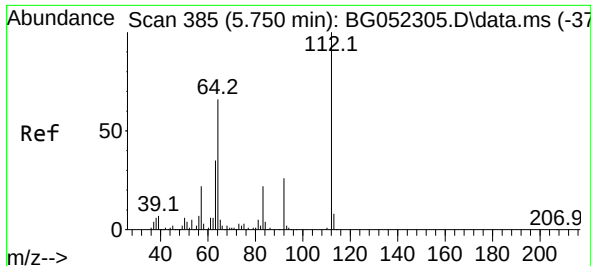
Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Tgt Ion: 42 Resp: 46098

Ion	Ratio	Lower	Upper
42	100		
74	132.2	83.0	124.4#
44	8.4	5.0	7.6#

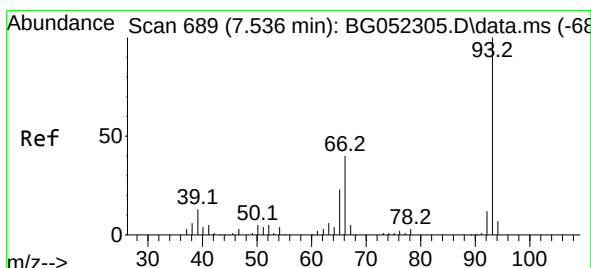
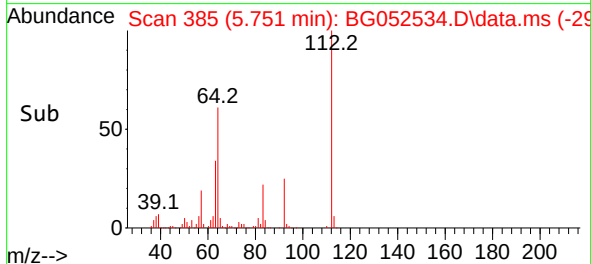
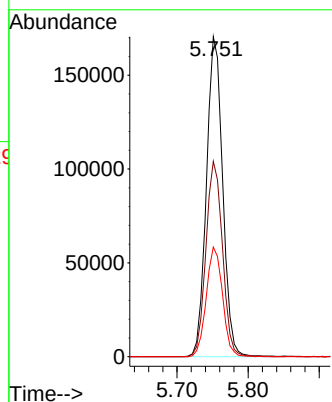
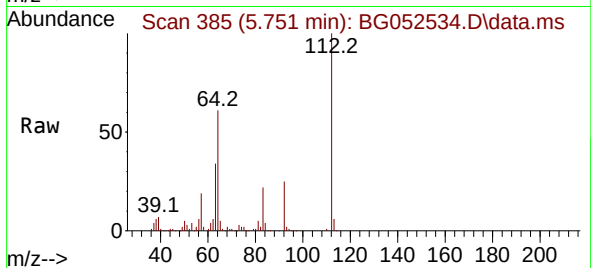




#5
2-Fluorophenol
Concen: 155.121 ng
RT: 5.751 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

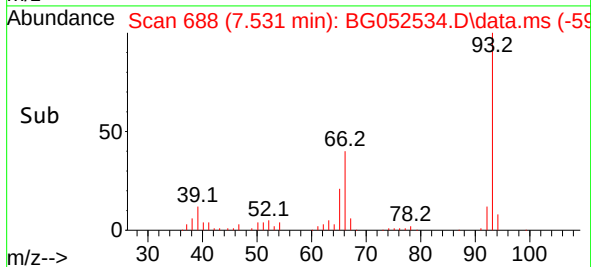
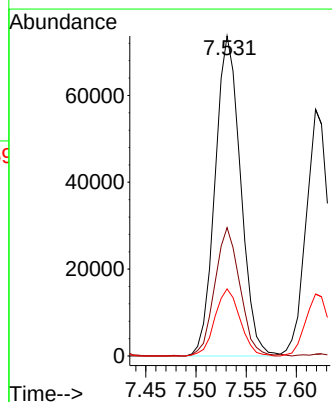
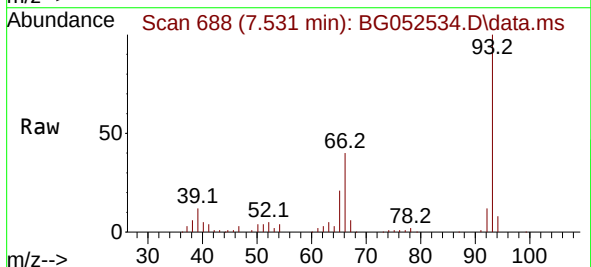
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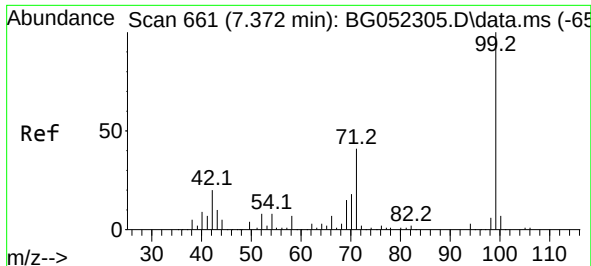
Tgt Ion:112 Resp: 271310
Ion Ratio Lower Upper
112 100
64 61.1 60.4 90.6
63 34.3 33.3 49.9



#6
Aniline
Concen: 41.489 ng
RT: 7.531 min Scan# 688
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion: 93 Resp: 130078
Ion Ratio Lower Upper
93 100
66 40.1 34.3 51.5
65 21.0 17.6 26.4

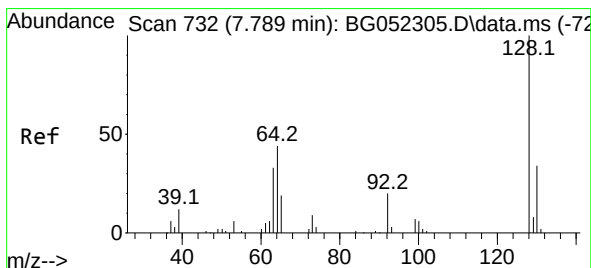
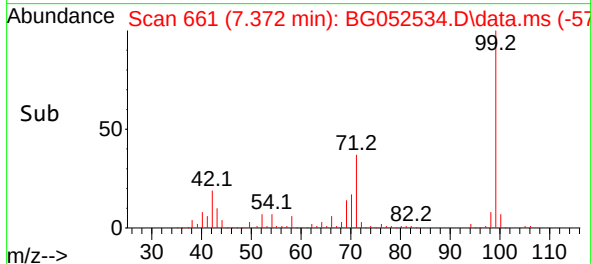
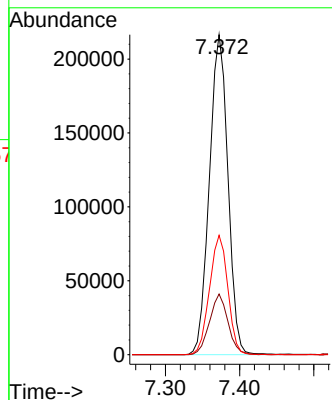
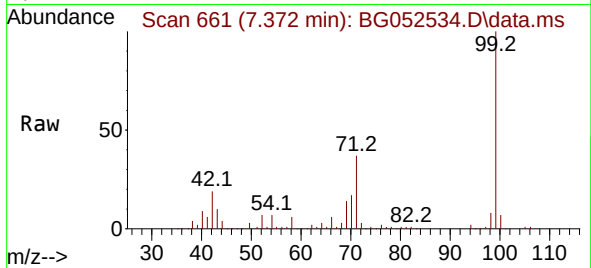




#7
Phenol-d6
Concen: 139.244 ng
RT: 7.372 min Scan# 661
Delta R.T. 0.001 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

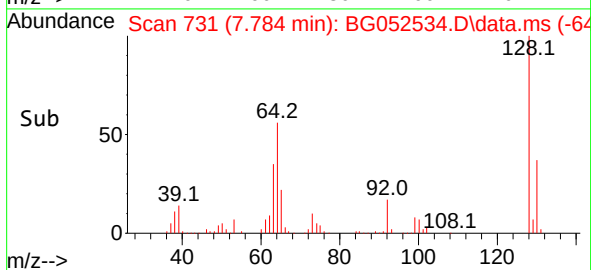
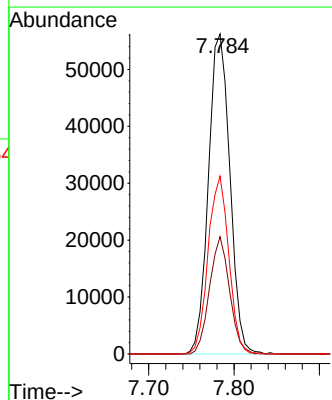
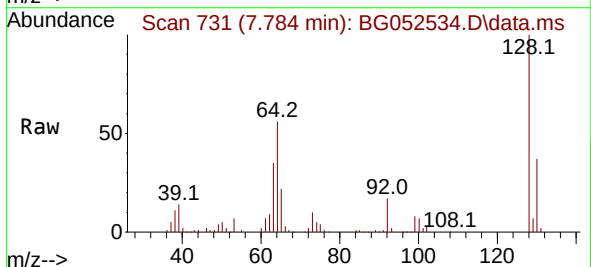
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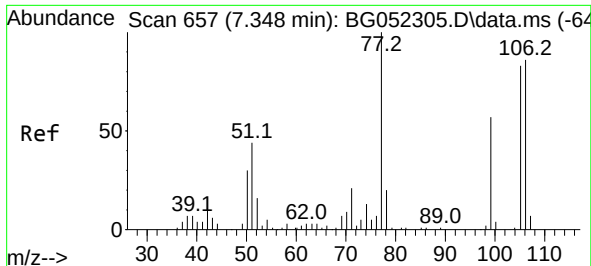
Tgt Ion: 99 Resp: 375769
Ion Ratio Lower Upper
99 100
42 19.0 19.1 28.7#
71 37.3 33.4 50.2



#8
2-Chlorophenol
Concen: 51.073 ng
RT: 7.784 min Scan# 731
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:128 Resp: 98267
Ion Ratio Lower Upper
128 100
130 36.6 13.6 53.6
64 55.6 37.8 77.8

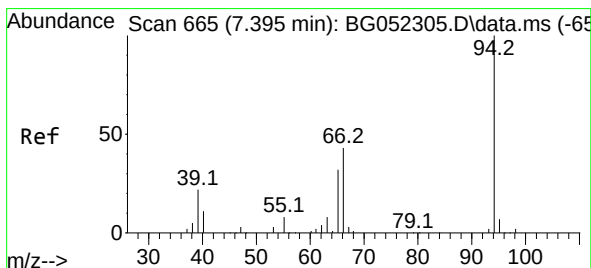
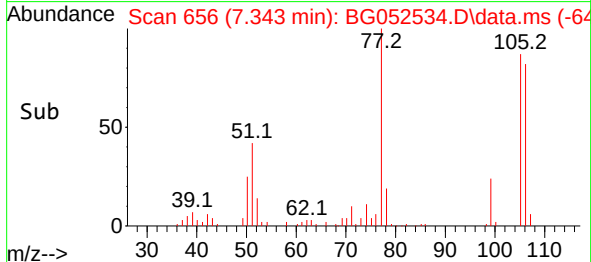
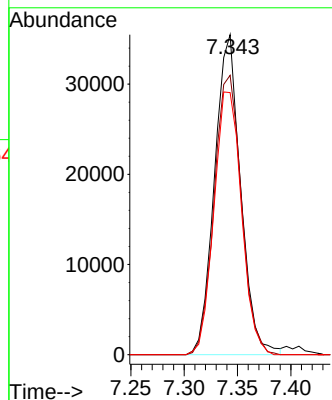
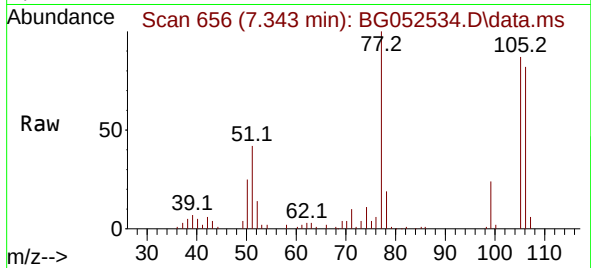




#9
Benzaldehyde
Concen: 38.872 ng
RT: 7.343 min Scan# 611
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

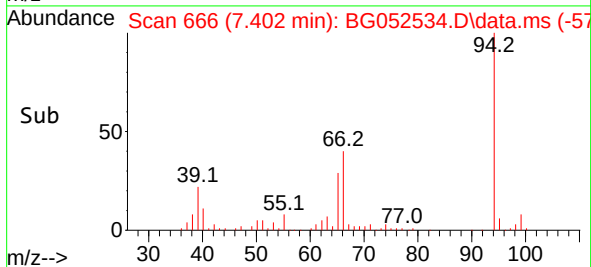
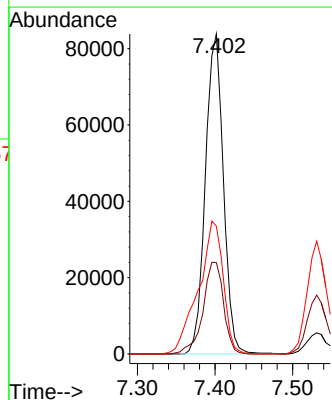
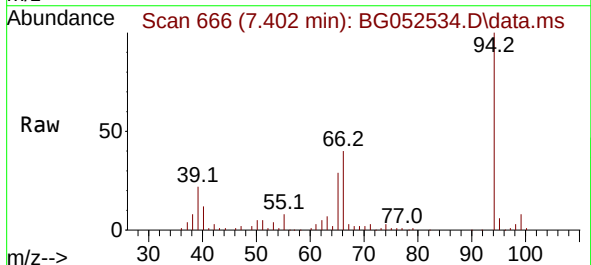
Instrument :
BNA_G
ClientSampleId :
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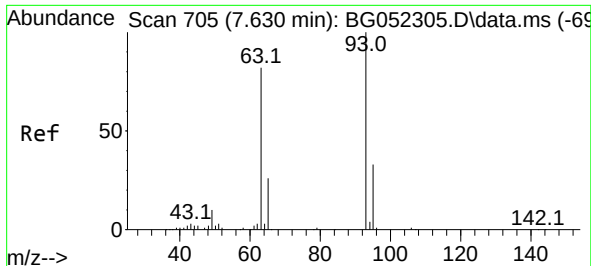
Tgt Ion: 77 Resp: 60300
Ion Ratio Lower Upper
77 100
105 87.3 66.1 106.1
106 81.9 58.1 98.1



#10
Phenol
Concen: 50.457 ng
RT: 7.402 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion: 94 Resp: 135293
Ion Ratio Lower Upper
94 100
65 28.5 14.1 54.1
66 40.0 26.6 66.6

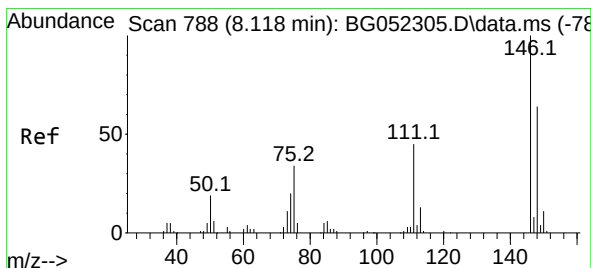
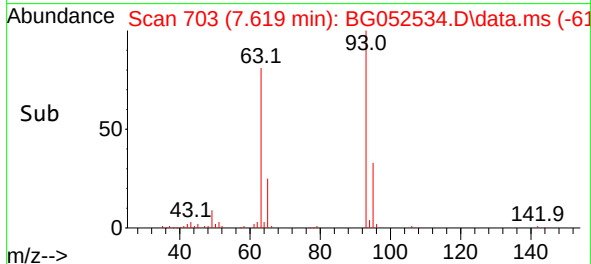
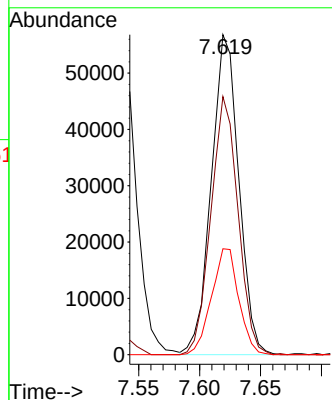
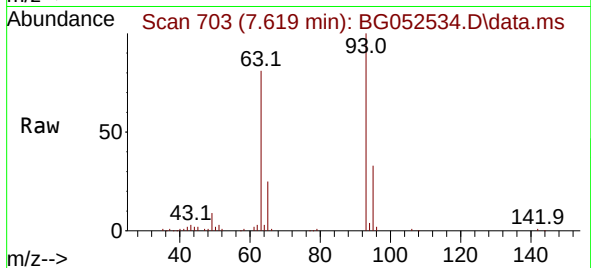




#11
bis(2-Chloroethyl)ether
Concen: 43.522 ng
RT: 7.619 min Scan# 705
Delta R.T. -0.011 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

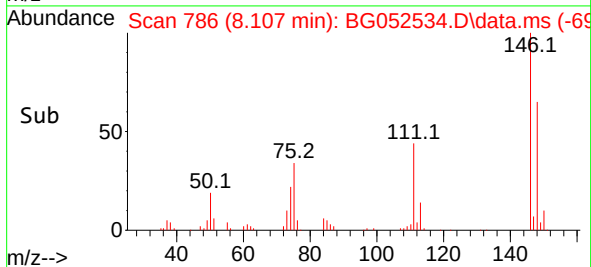
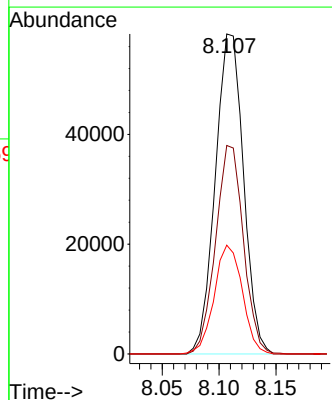
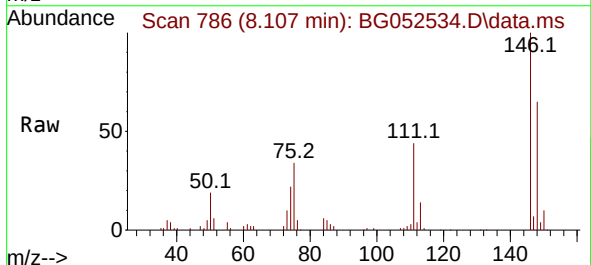
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

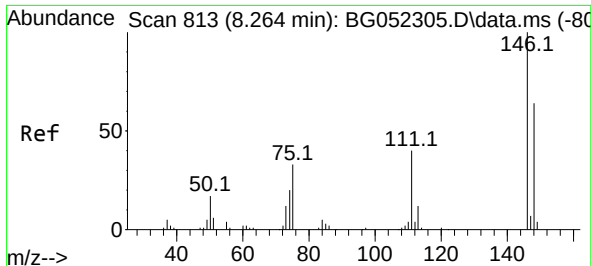
Tgt Ion: 93 Resp: 89200
Ion Ratio Lower Upper
93 100
63 80.6 67.1 107.1
95 33.1 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 45.889 ng
RT: 8.107 min Scan# 786
Delta R.T. -0.011 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:146 Resp: 100598
Ion Ratio Lower Upper
146 100
148 65.1 49.1 73.7
75 34.0 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 46.068 ng

RT: 8.254 min Scan# 813

Delta R.T. -0.011 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB142974BSD

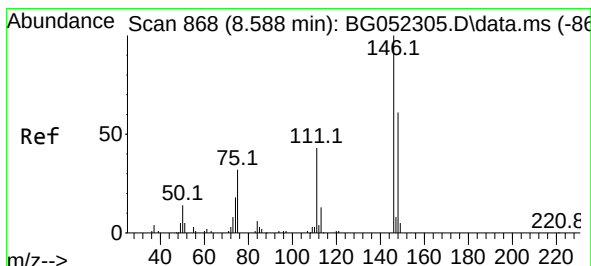
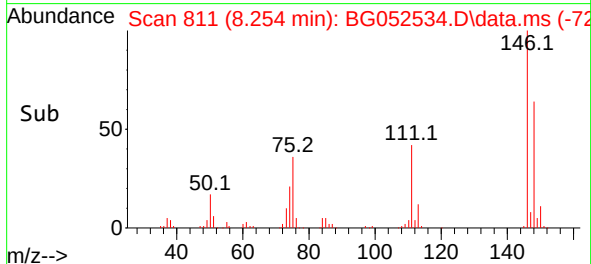
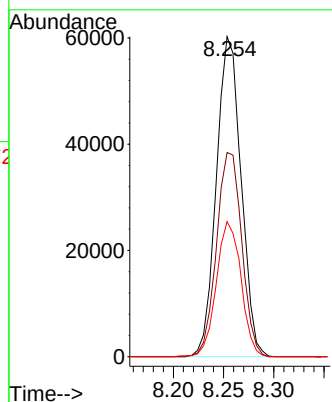
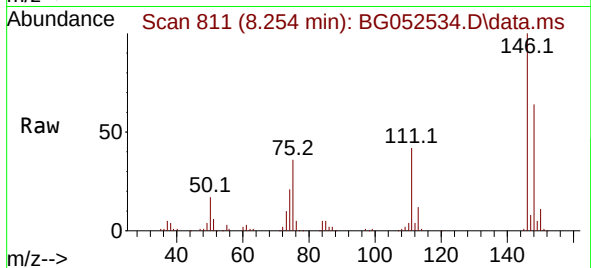
Tgt Ion:146 Resp: 102953

Ion Ratio Lower Upper

146 100

148 63.8 52.6 78.8

111 42.2 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 45.025 ng

RT: 8.582 min Scan# 867

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

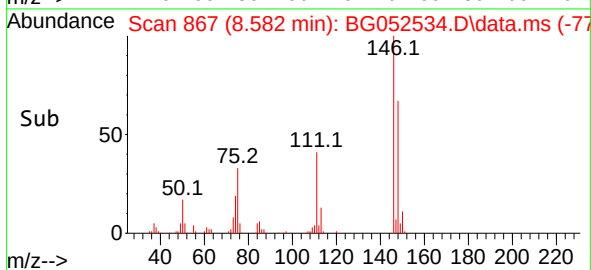
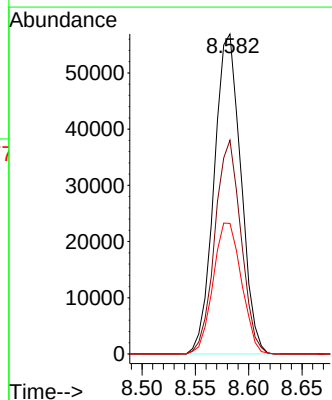
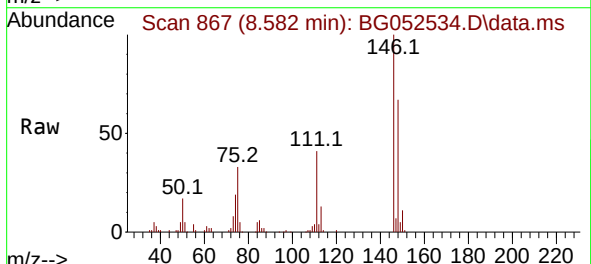
Tgt Ion:146 Resp: 99237

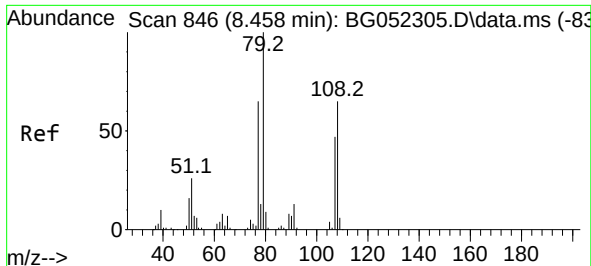
Ion Ratio Lower Upper

146 100

148 66.8 46.5 69.7

111 40.8 37.0 55.4

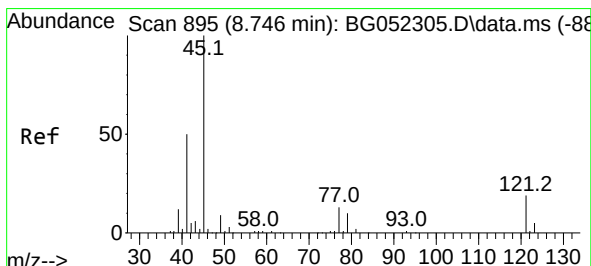
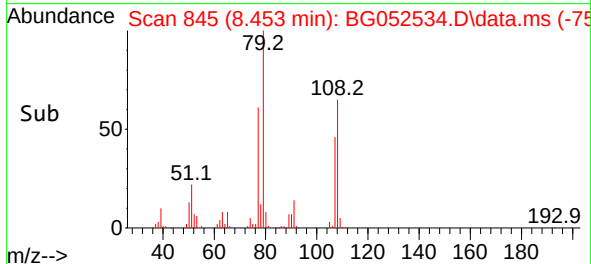
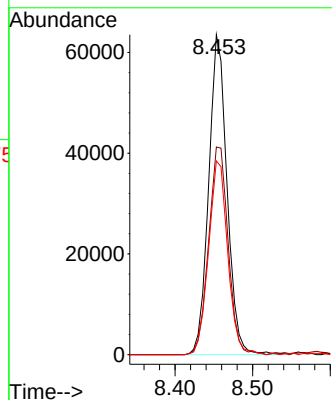
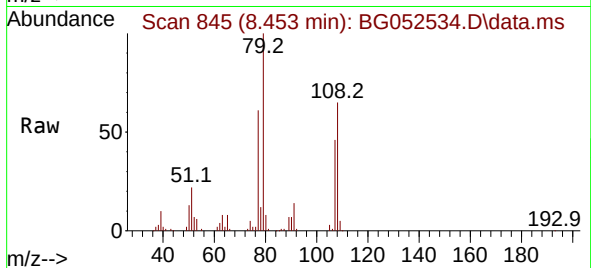




#15
Benzyl Alcohol
Concen: 46.690 ng
RT: 8.453 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

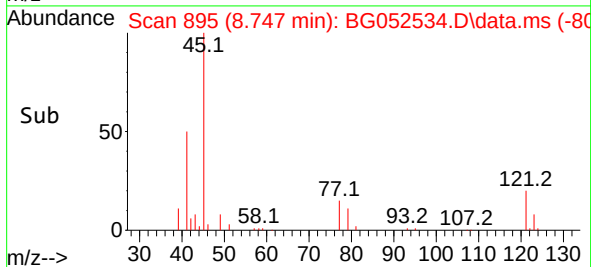
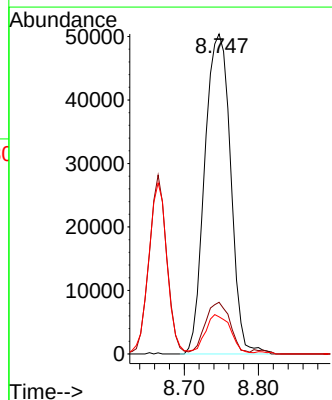
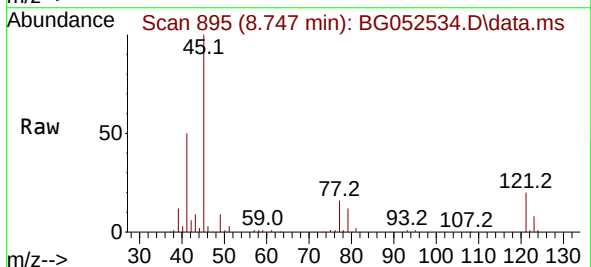
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

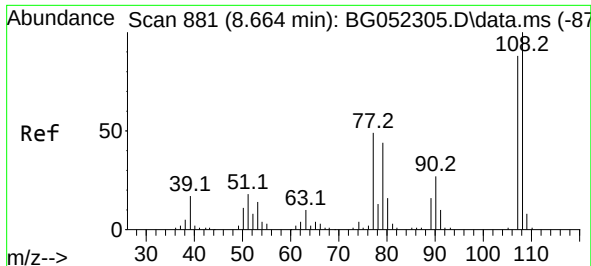
Tgt Ion: 79 Resp: 104572
Ion Ratio Lower Upper
79 100
108 64.9 53.8 80.6
77 60.5 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.192 ng
RT: 8.747 min Scan# 895
Delta R.T. 0.001 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion: 45 Resp: 121909
Ion Ratio Lower Upper
45 100
77 16.1 0.0 33.8
79 11.6 0.0 31.1





#17

2-Methylphenol

Concen: 51.019 ng

RT: 8.665 min Scan# 881

Delta R.T. 0.001 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB142974BSD

Tgt Ion:107 Resp: 90270

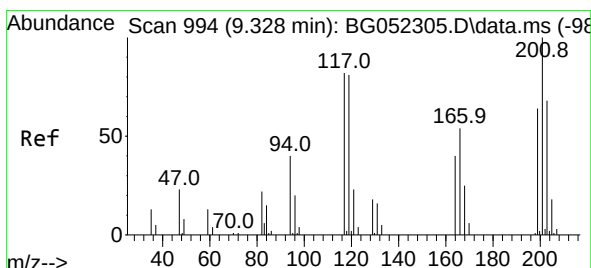
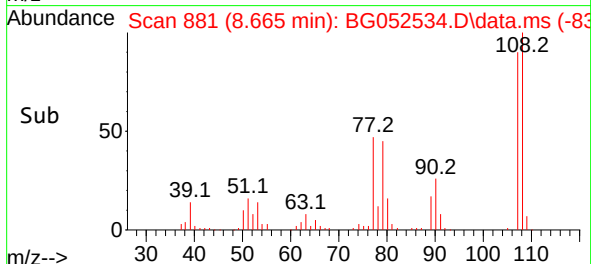
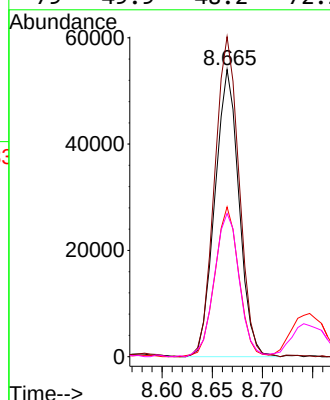
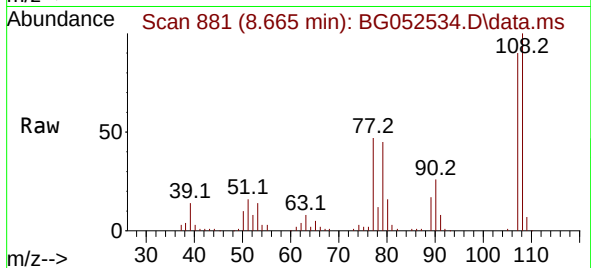
Ion Ratio Lower Upper

107 100

108 111.4 90.3 135.5

77 52.1 49.0 73.6

79 49.9 48.2 72.2



#18

Hexachloroethane

Concen: 44.536 ng

RT: 9.323 min Scan# 993

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

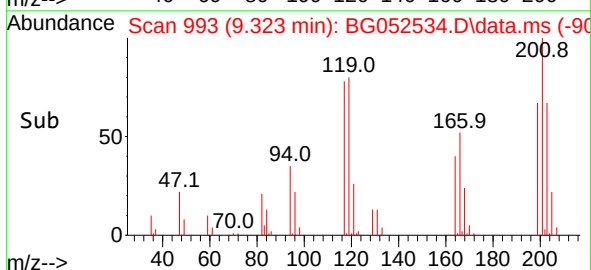
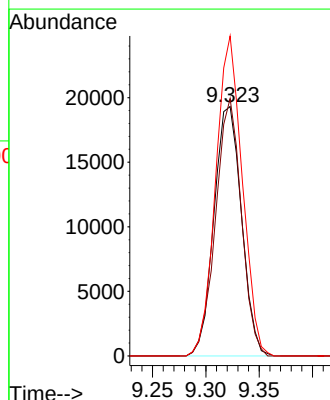
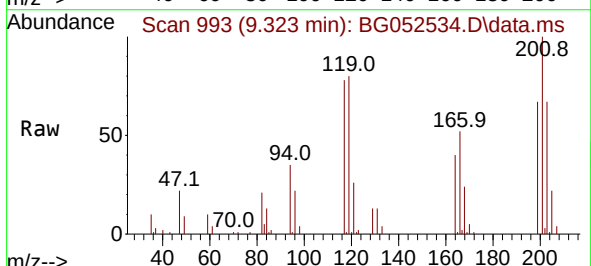
Tgt Ion:117 Resp: 34608

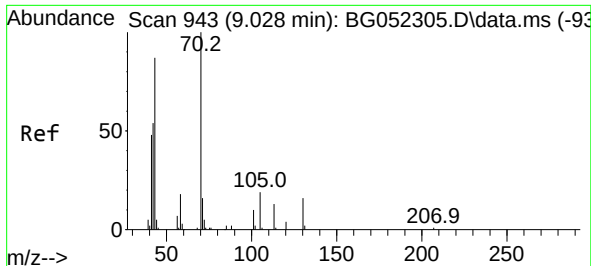
Ion Ratio Lower Upper

117 100

119 103.2 73.5 110.3

201 128.3 91.0 136.6

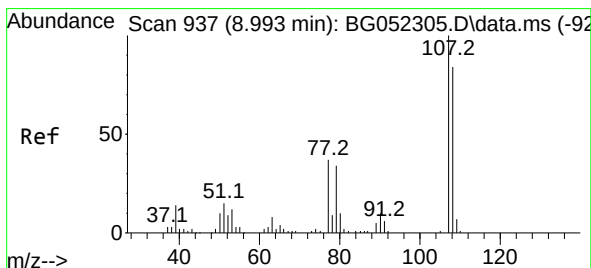
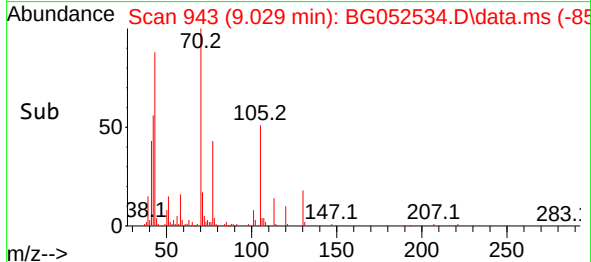
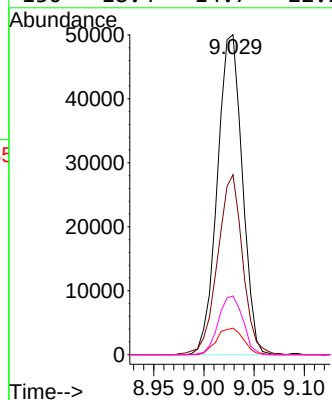
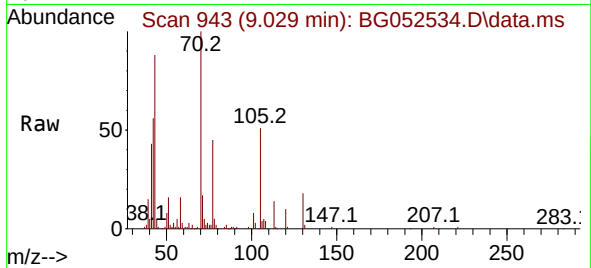




#19
n-Nitroso-di-n-propylamine
Concen: 42.465 ng
RT: 9.029 min Scan# 943
Delta R.T. 0.001 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

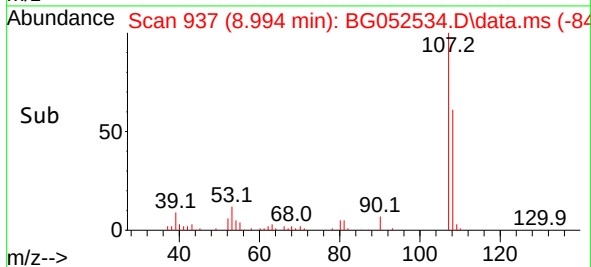
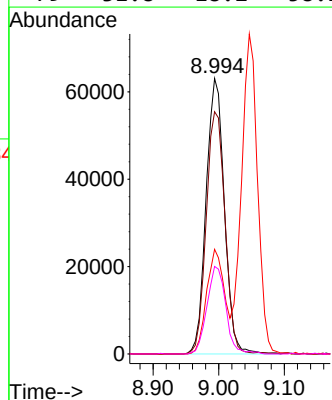
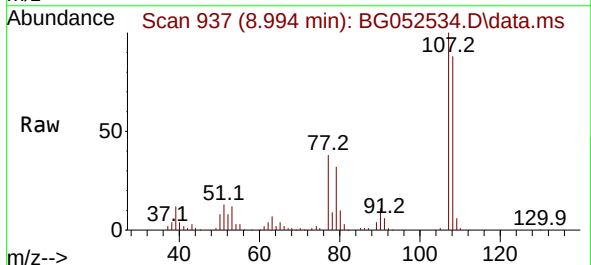
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

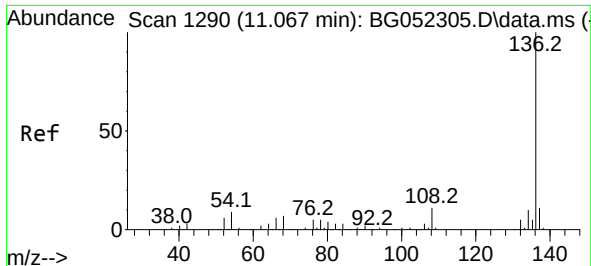
Tgt Ion: 70 Resp: 86394
Ion Ratio Lower Upper
70 100
42 56.2 51.8 77.6
101 8.3 6.6 10.0
130 18.4 14.7 22.1



#20
3+4-Methylphenols
Concen: 48.323 ng
RT: 8.994 min Scan# 937
Delta R.T. 0.001 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion: 107 Resp: 122323
Ion Ratio Lower Upper
107 100
108 87.9 71.9 111.9
77 38.0 24.6 64.6
79 31.8 18.2 58.2

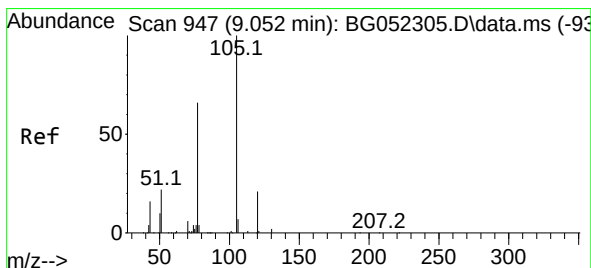
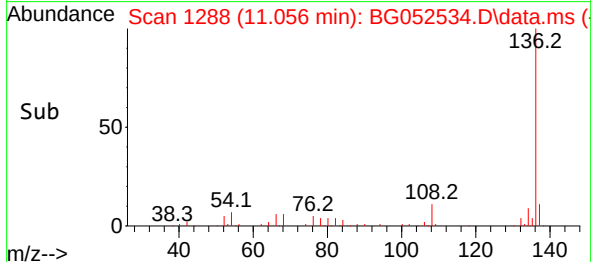
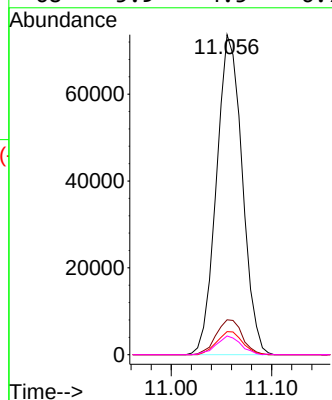
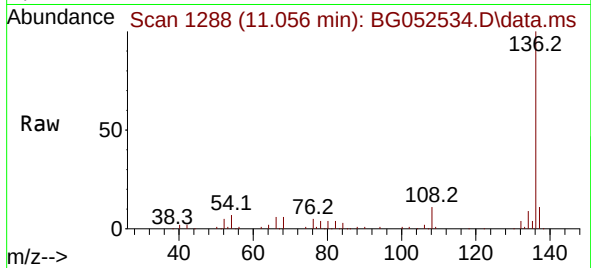




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.056 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

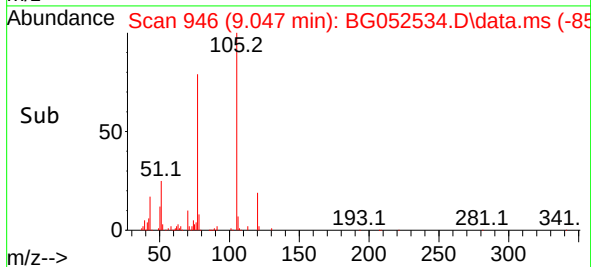
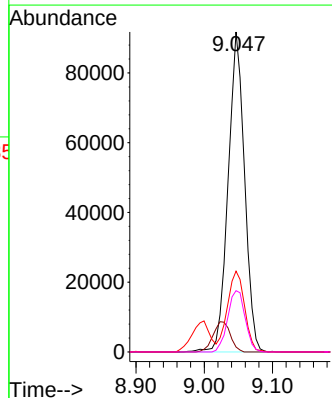
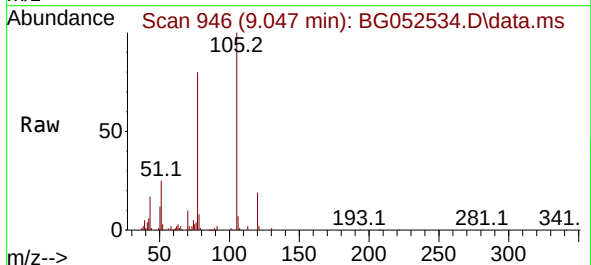
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

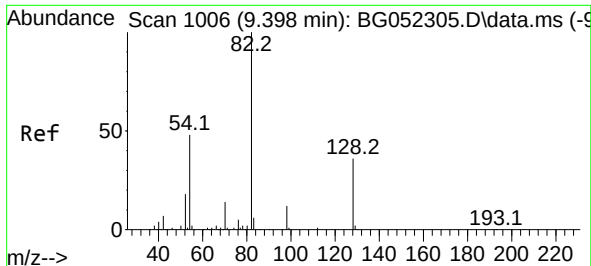
Tgt Ion:136 Resp: 131352
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.2 8.3 12.5#
68 5.9 4.5 6.7



#22
Acetophenone
Concen: 44.272 ng
RT: 9.047 min Scan# 946
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:105 Resp: 153692
Ion Ratio Lower Upper
105 100
71 1.6 1.8 2.6#
51 25.3 27.0 40.4#
120 19.1 16.2 24.4

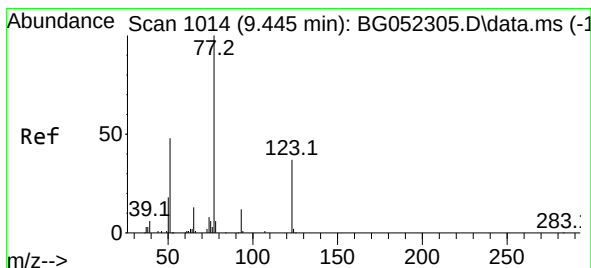
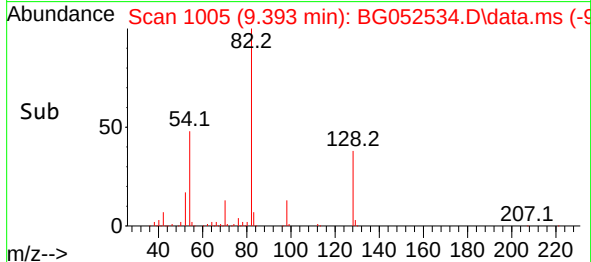
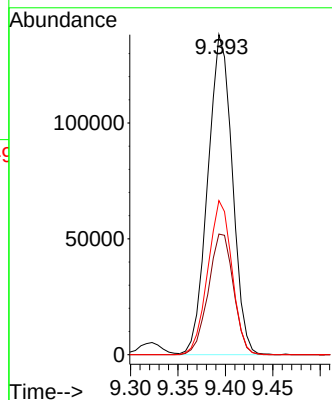
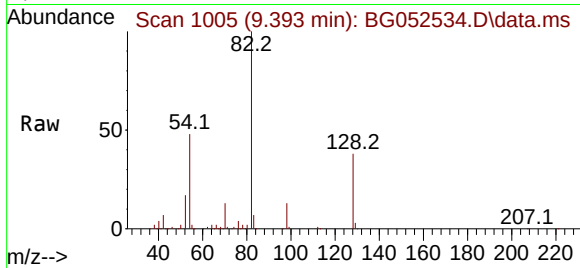




#23
Nitrobenzene-d5
Concen: 82.260 ng
RT: 9.393 min Scan# 1005
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

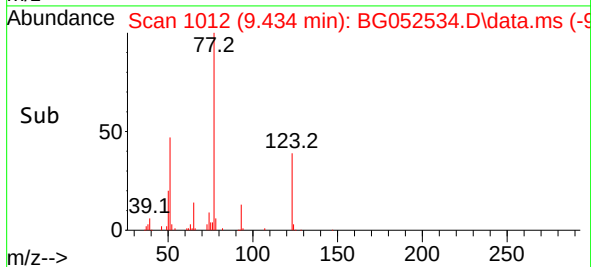
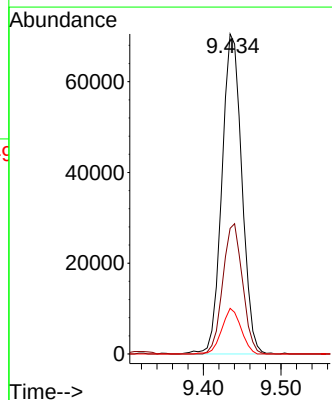
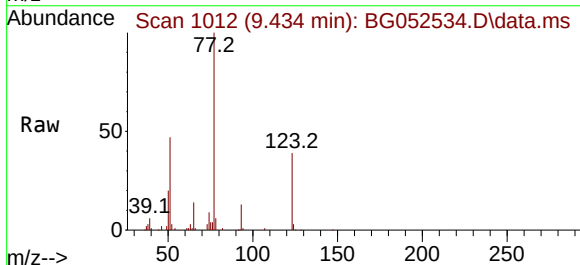
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

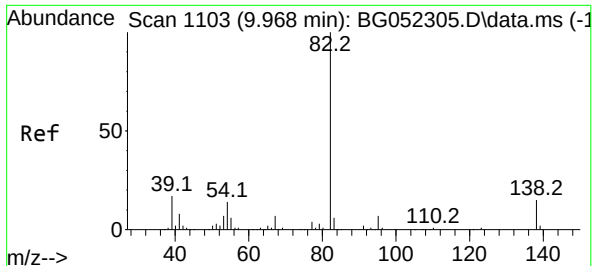
Tgt Ion: 82 Resp: 248612
Ion Ratio Lower Upper
82 100
128 37.7 27.0 40.4
54 48.2 41.0 61.6



#24
Nitrobenzene
Concen: 44.024 ng
RT: 9.434 min Scan# 1012
Delta R.T. -0.011 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion: 77 Resp: 126211
Ion Ratio Lower Upper
77 100
123 39.3 27.1 40.7
65 14.3 11.2 16.8

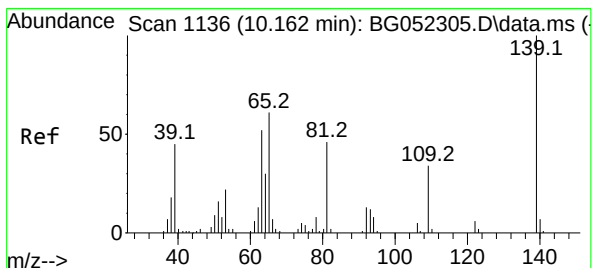
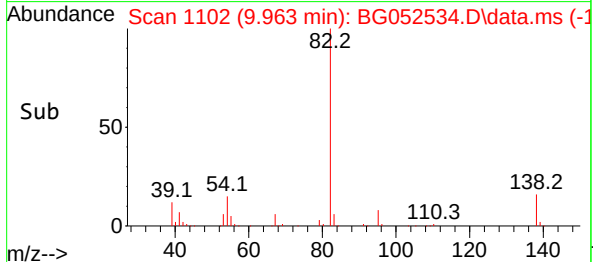
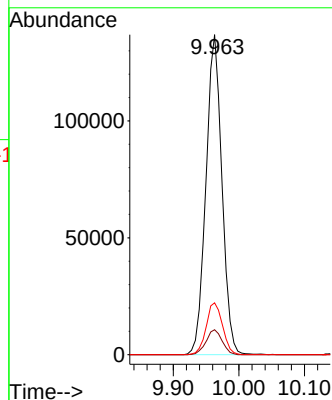
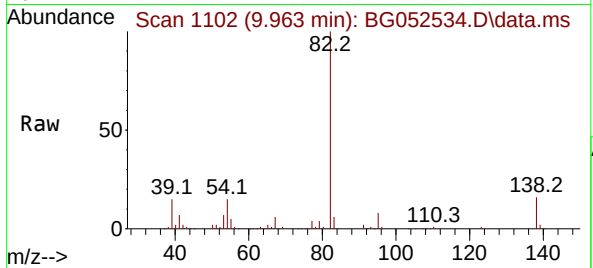




#25
Isophorone
Concen: 45.126 ng
RT: 9.963 min Scan# 1103
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

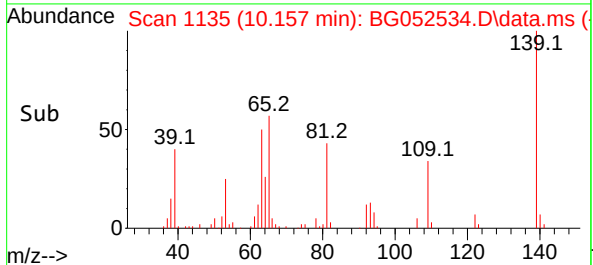
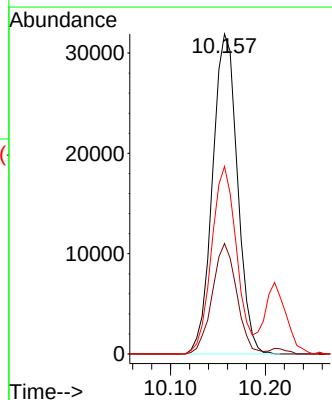
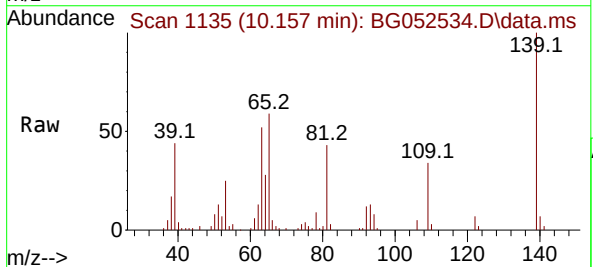
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

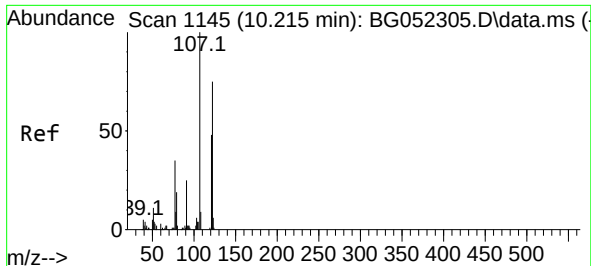
Tgt Ion: 82 Resp: 232057
Ion Ratio Lower Upper
82 100
95 7.8 6.6 9.8
138 16.2 12.5 18.7



#26
2-Nitrophenol
Concen: 47.923 ng
RT: 10.157 min Scan# 1135
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:139 Resp: 58233
Ion Ratio Lower Upper
139 100
109 34.5 30.4 45.6
65 58.6 55.7 83.5

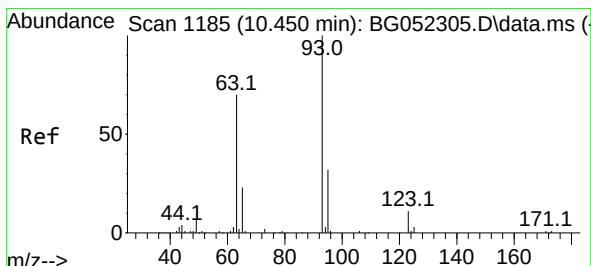
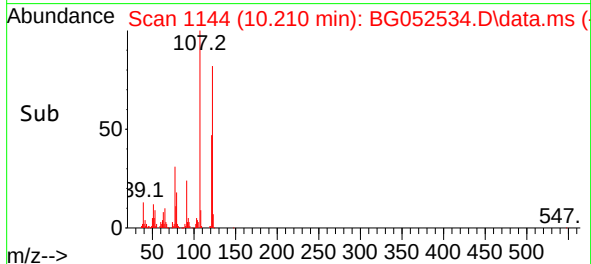
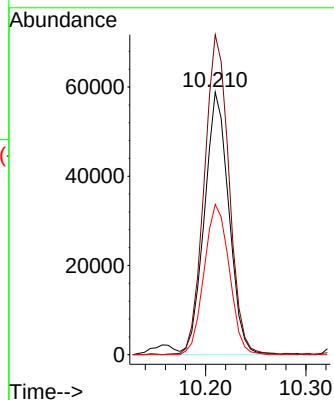
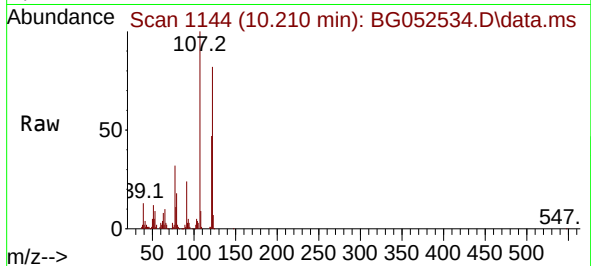




#27
2,4-Dimethylphenol
Concen: 55.444 ng
RT: 10.210 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

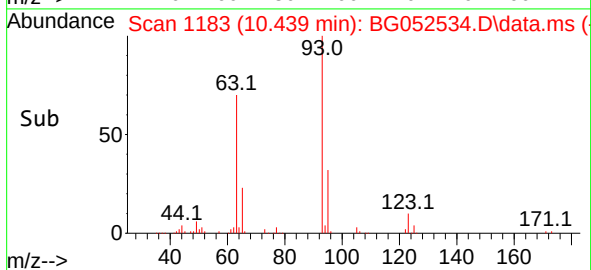
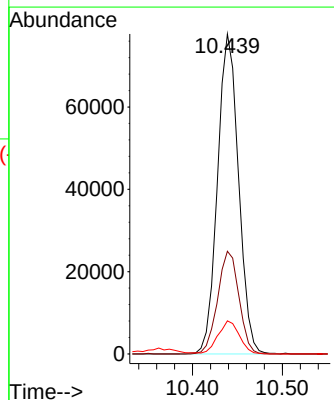
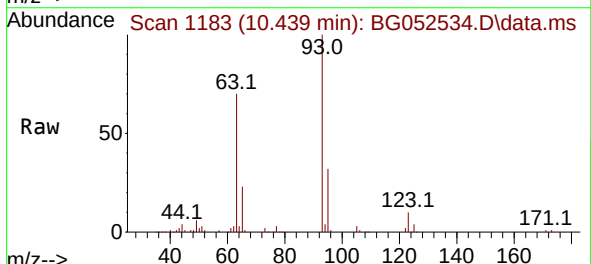
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

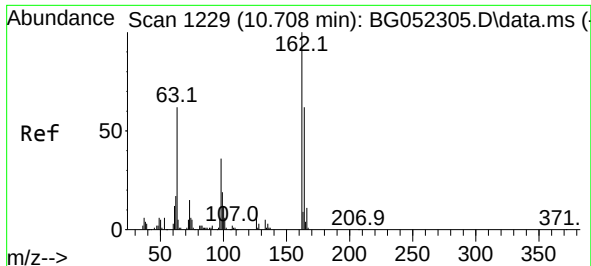
Tgt Ion:122 Resp: 99750
Ion Ratio Lower Upper
122 100
107 121.8 105.8 158.8
121 57.2 48.6 72.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.247 ng
RT: 10.439 min Scan# 1183
Delta R.T. -0.011 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion: 93 Resp: 126212
Ion Ratio Lower Upper
93 100
95 32.1 26.1 39.1
123 10.4 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 48.986 ng

RT: 10.703 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB142974BSD

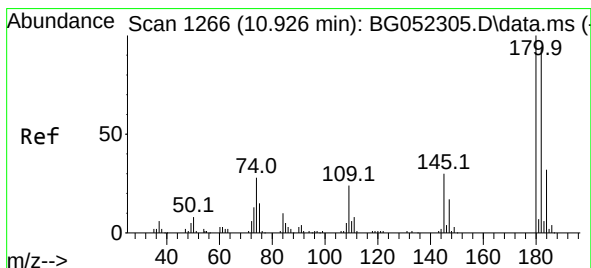
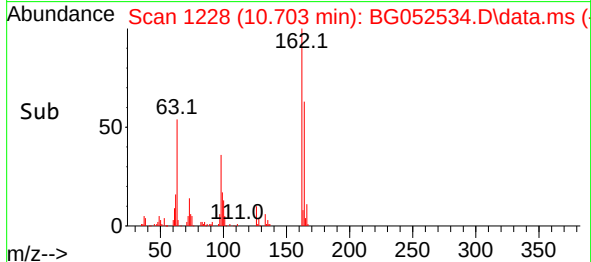
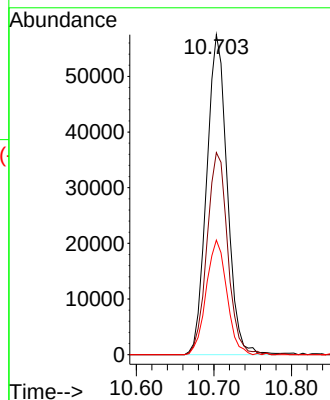
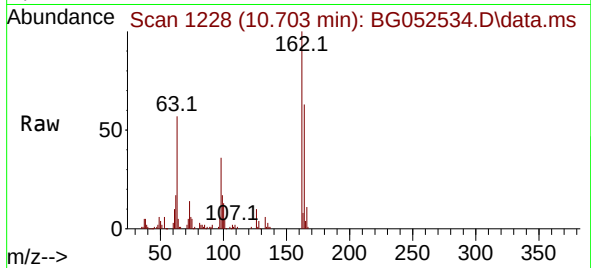
Tgt Ion:162 Resp: 105637

Ion Ratio Lower Upper

162 100

164 63.2 44.3 84.3

98 35.8 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 43.726 ng

RT: 10.915 min Scan# 1264

Delta R.T. -0.011 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

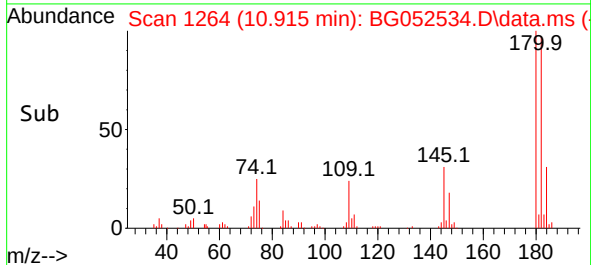
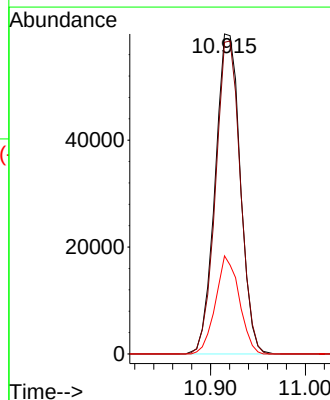
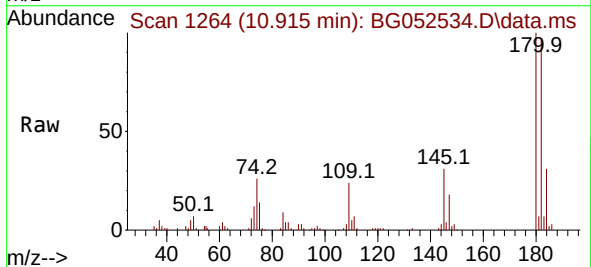
Tgt Ion:180 Resp: 110108

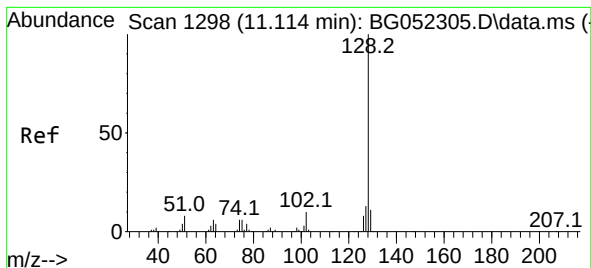
Ion Ratio Lower Upper

180 100

182 97.4 76.1 114.1

145 30.7 24.0 36.0





#31

Naphthalene

Concen: 44.765 ng

RT: 11.108 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB142974BSD

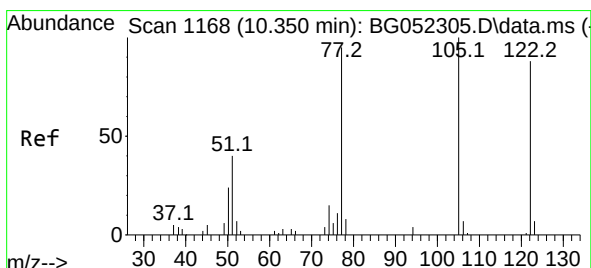
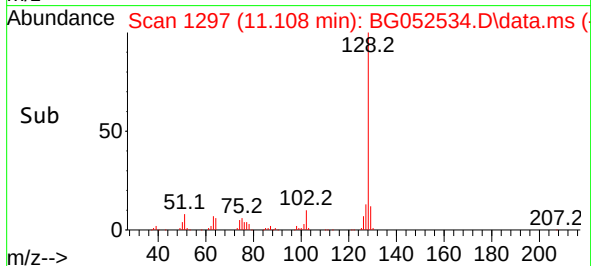
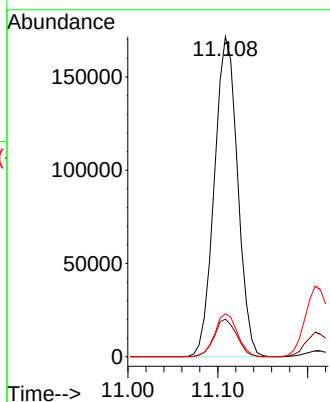
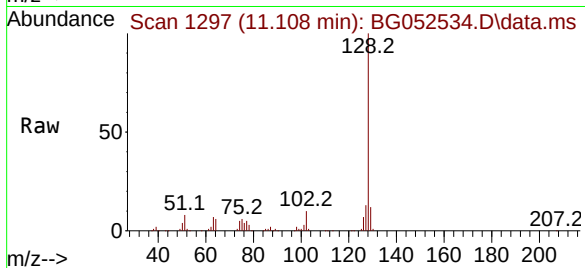
Tgt Ion:128 Resp: 308253

Ion Ratio Lower Upper

128 100

129 11.8 9.8 14.6

127 13.4 12.0 18.0



#32

Benzoic acid

Concen: 42.005 ng

RT: 10.368 min Scan# 1171

Delta R.T. 0.018 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

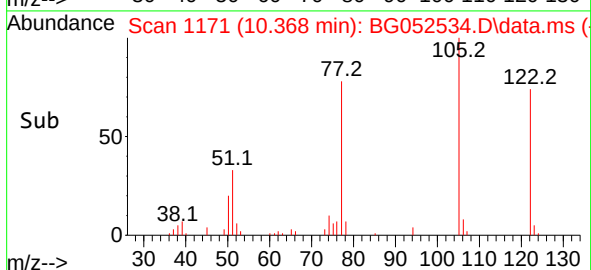
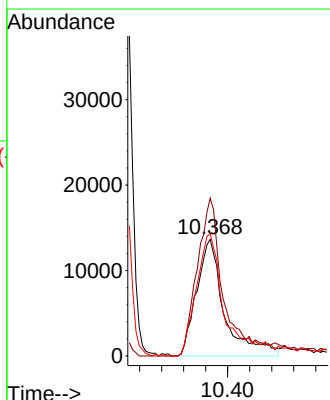
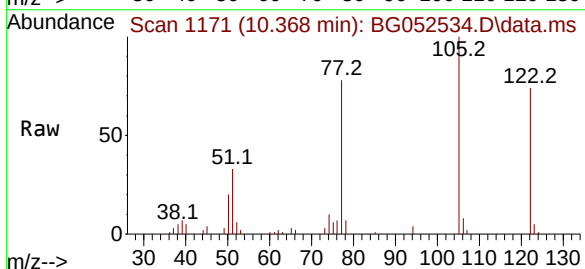
Tgt Ion:122 Resp: 47871

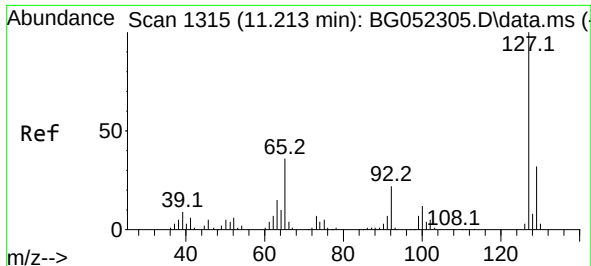
Ion Ratio Lower Upper

122 100

105 135.2 109.2 149.2

77 105.0 92.8 132.8





#33

4-Chloroaniline

Concen: 25.416 ng

RT: 11.208 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB142974BSD

Tgt Ion:127 Resp: 73070

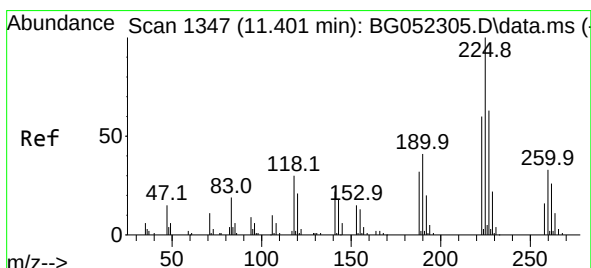
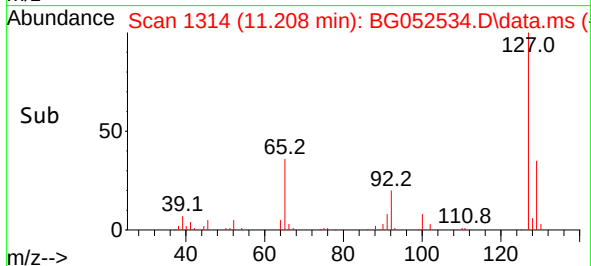
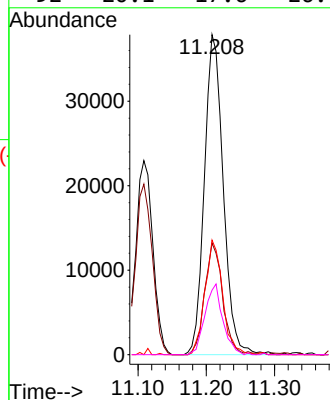
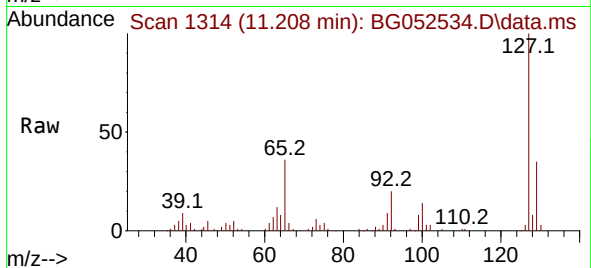
Ion Ratio Lower Upper

127 100

129 34.9 27.0 40.6

65 35.8 28.7 43.1

92 20.1 17.6 26.4



#34

Hexachlorobutadiene

Concen: 42.086 ng

RT: 11.396 min Scan# 1346

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

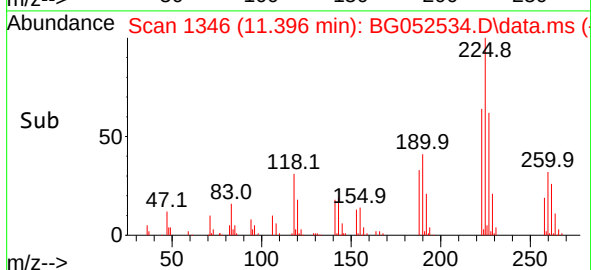
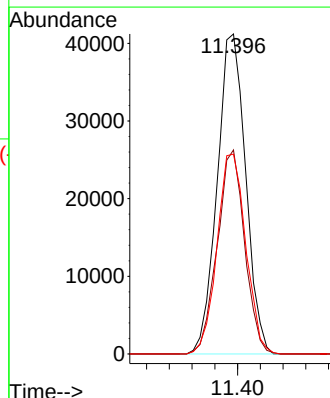
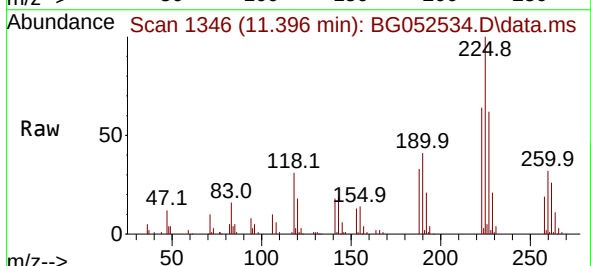
Tgt Ion:225 Resp: 71573

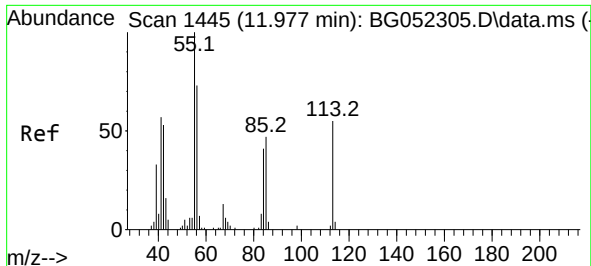
Ion Ratio Lower Upper

225 100

223 63.8 51.6 77.4

227 62.5 53.9 80.9

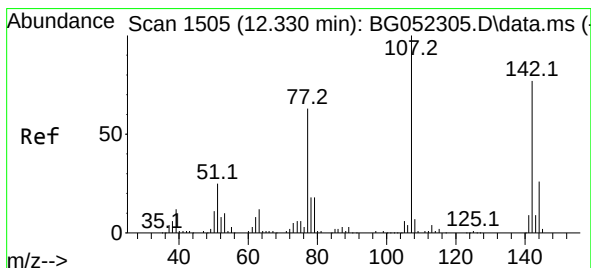
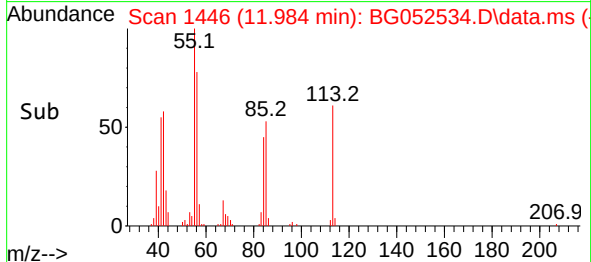
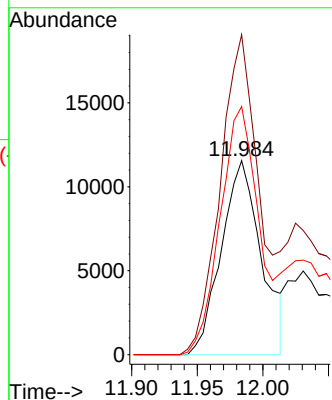
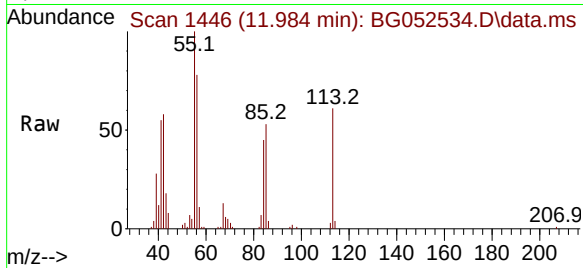




#35
Caprolactam
Concen: 31.143 ng
RT: 11.984 min Scan# 1445
Delta R.T. 0.007 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

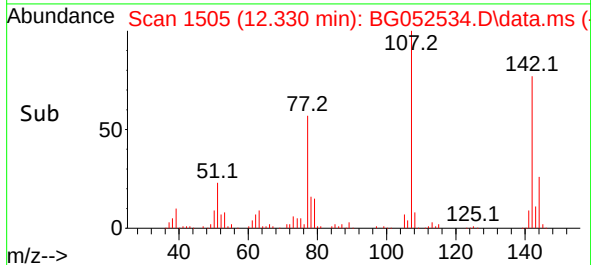
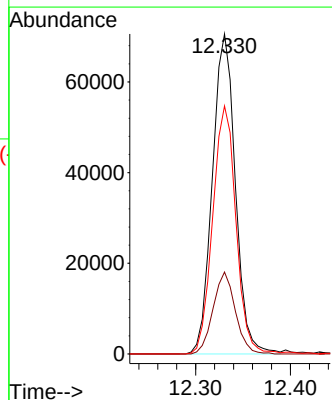
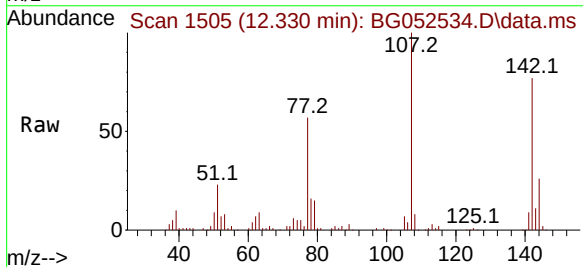
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

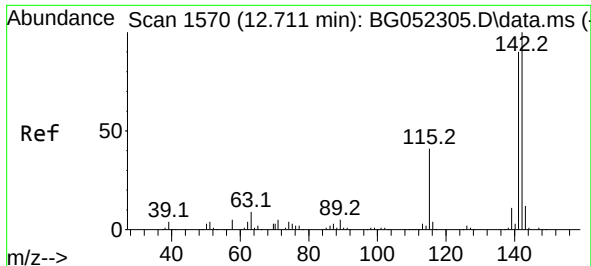
Tgt Ion:113 Resp: 24475
Ion Ratio Lower Upper
113 100
55 164.8 161.4 201.4
56 127.8 132.6 172.6#



#36
4-Chloro-3-methylphenol
Concen: 48.502 ng
RT: 12.330 min Scan# 1505
Delta R.T. 0.001 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:107 Resp: 118993
Ion Ratio Lower Upper
107 100
144 25.6 19.3 28.9
142 77.5 63.9 95.9

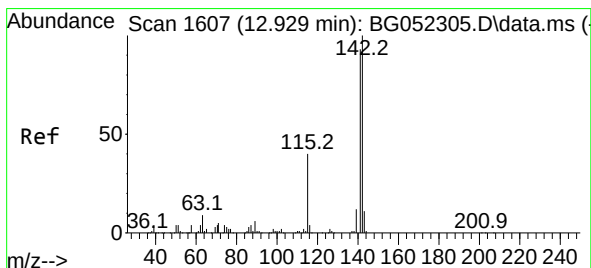
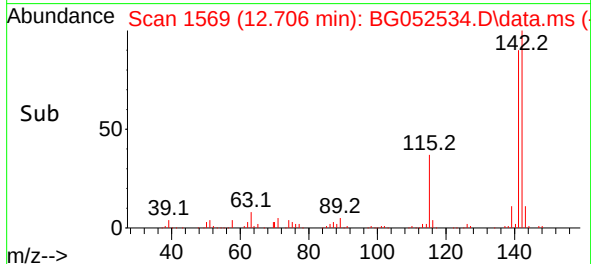
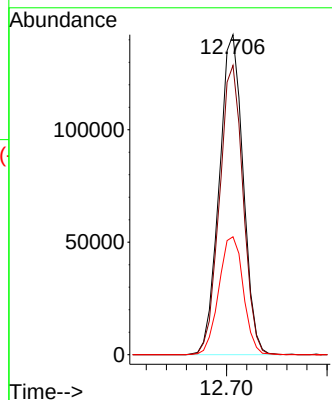
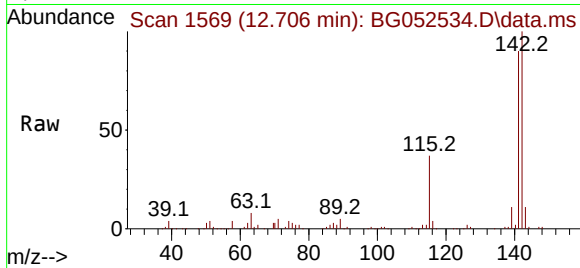




#37
2-Methylnaphthalene
Concen: 45.846 ng
RT: 12.706 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

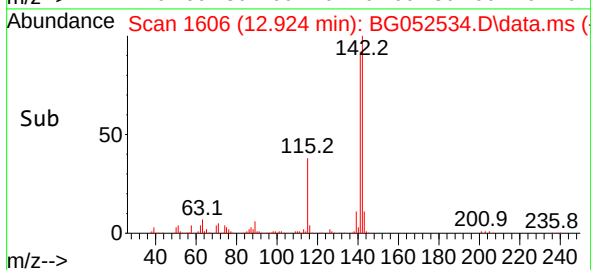
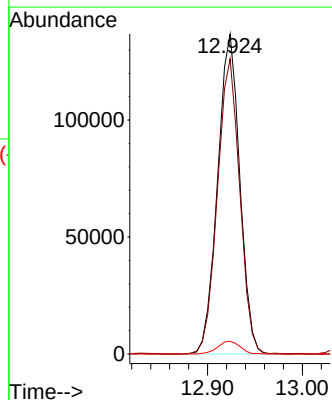
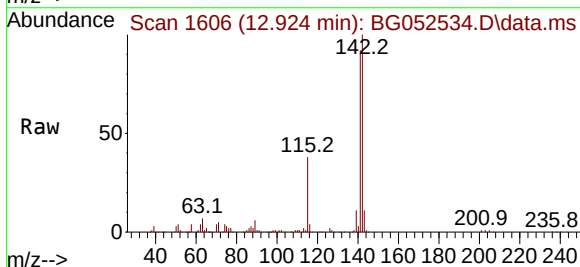
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

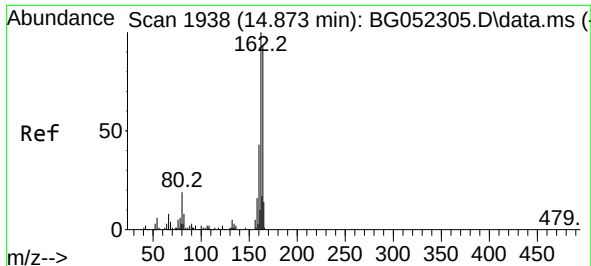
Tgt Ion:142 Resp: 234485
Ion Ratio Lower Upper
142 100
141 90.4 71.7 107.5
115 36.8 32.2 48.4



#38
1-Methylnaphthalene
Concen: 44.880 ng
RT: 12.924 min Scan# 1606
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:142 Resp: 222425
Ion Ratio Lower Upper
142 100
141 92.3 75.0 112.4
116 4.0 4.2 6.4#

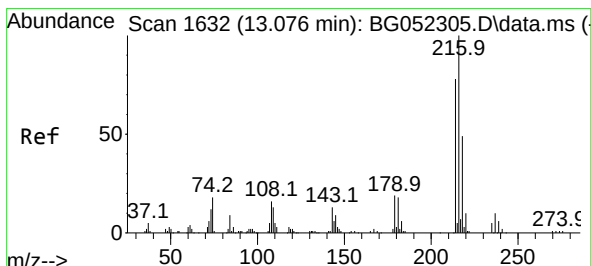
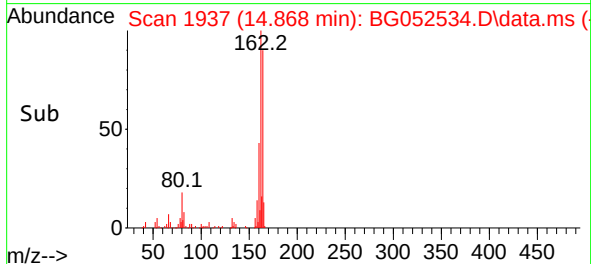
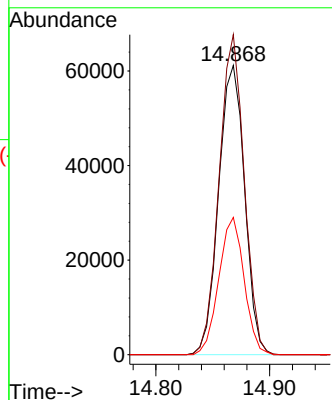
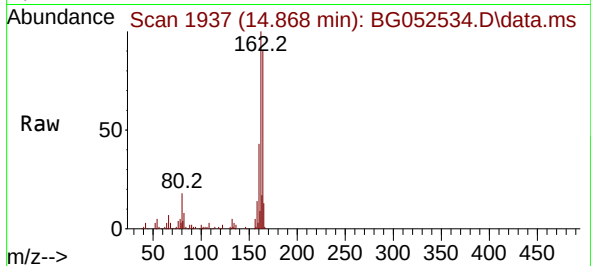




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

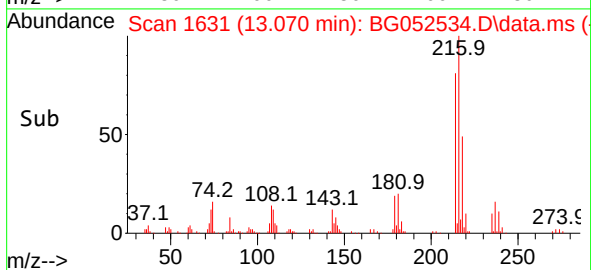
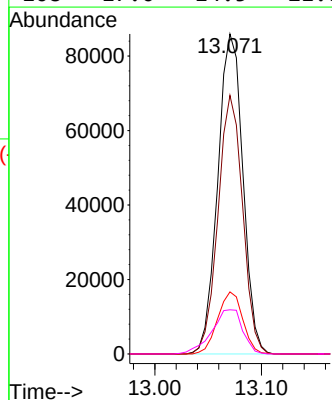
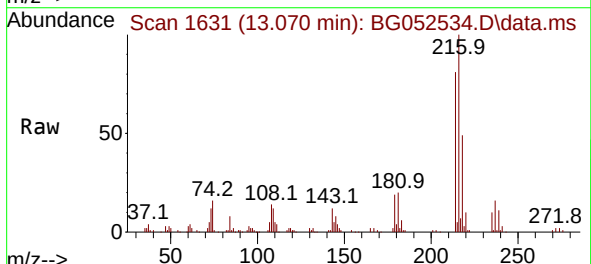
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

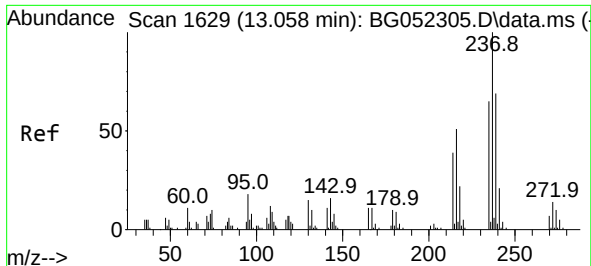
Tgt Ion:164 Resp: 97130
Ion Ratio Lower Upper
164 100
162 110.6 82.2 123.2
160 47.5 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.962 ng
RT: 13.070 min Scan# 1631
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:216 Resp: 140448
Ion Ratio Lower Upper
216 100
214 79.1 63.2 94.8
179 19.4 16.3 24.5
108 17.0 14.5 21.7

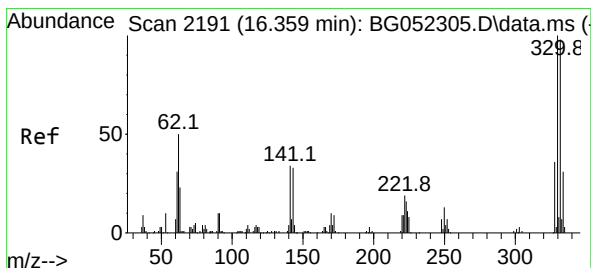
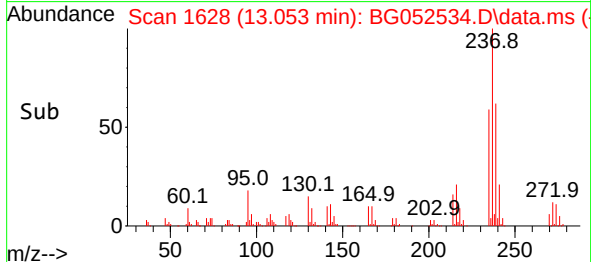
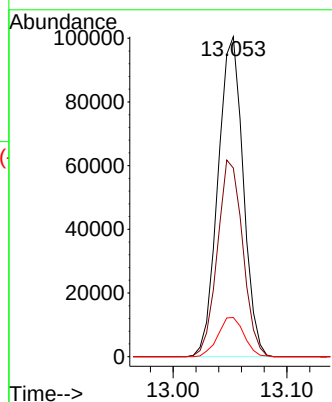
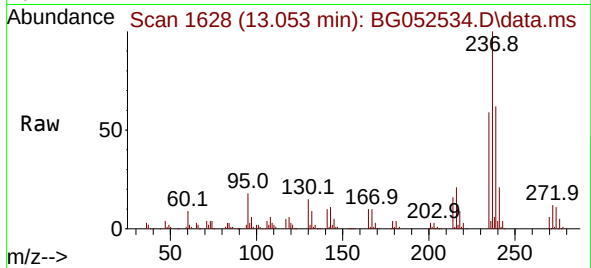




#41
Hexachlorocyclopentadiene
Concen: 99.237 ng
RT: 13.053 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

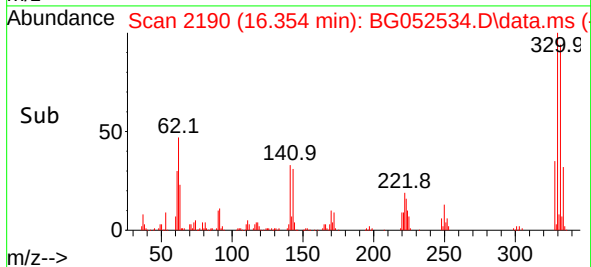
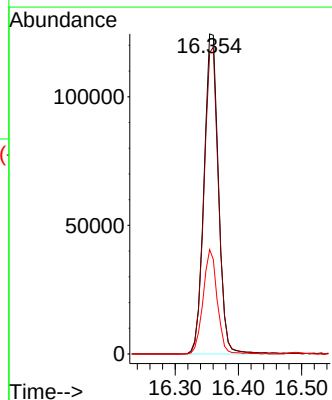
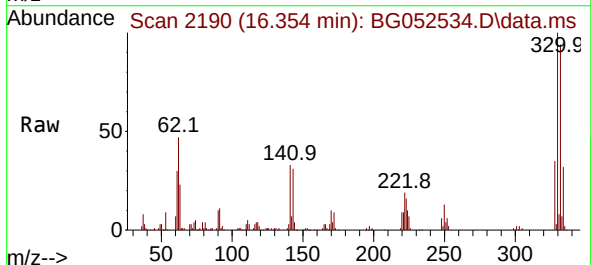
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

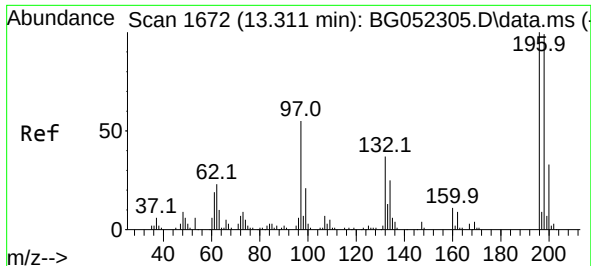
Tgt Ion:237 Resp: 154795
Ion Ratio Lower Upper
237 100
235 59.0 45.9 85.9
272 12.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 142.018 ng
RT: 16.354 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:330 Resp: 198176
Ion Ratio Lower Upper
330 100
332 96.2 78.6 117.8
141 31.7 28.8 43.2

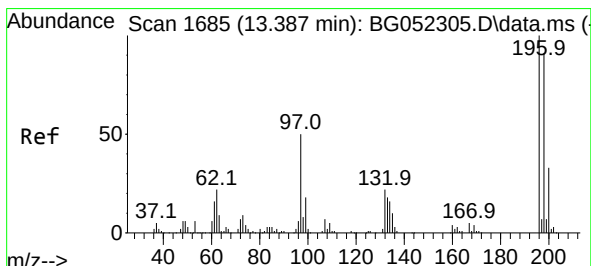
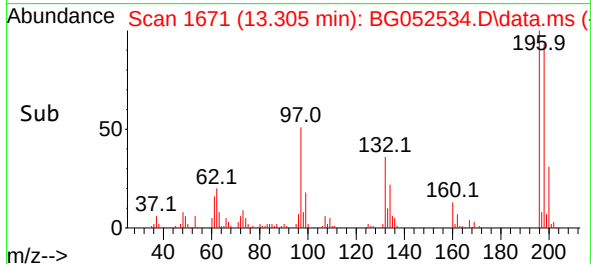
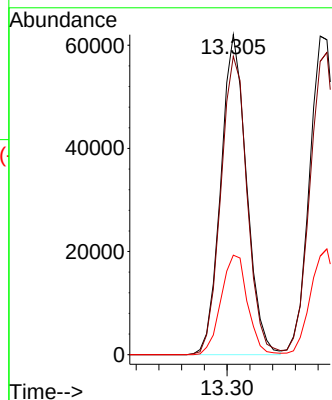
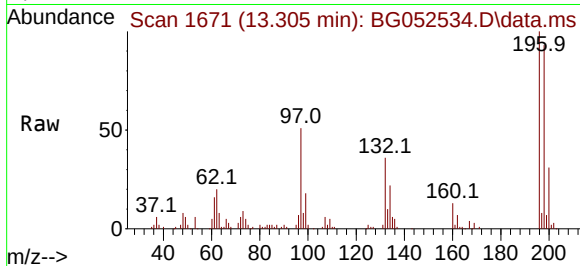




#43
2,4,6-Trichlorophenol
Concen: 46.812 ng
RT: 13.305 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

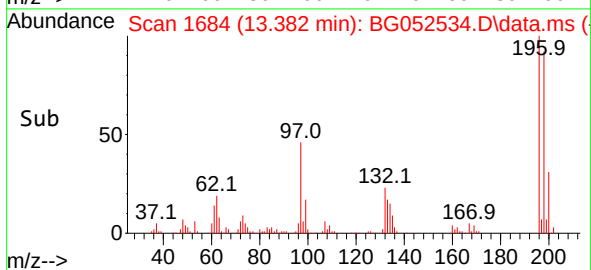
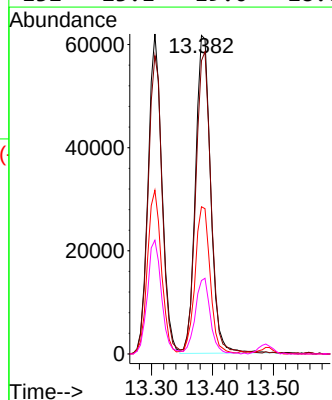
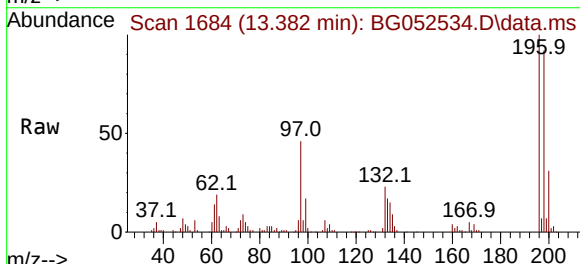
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

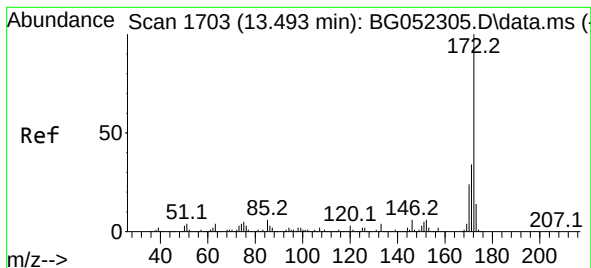
Tgt Ion:196 Resp: 97810
Ion Ratio Lower Upper
196 100
198 93.2 78.4 117.6
200 31.1 28.5 42.7



#44
2,4,5-Trichlorophenol
Concen: 47.035 ng
RT: 13.382 min Scan# 1684
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:196 Resp: 106500
Ion Ratio Lower Upper
196 100
198 92.0 78.6 118.0
97 46.2 43.8 65.8
132 23.1 19.0 28.6





#45

2-Fluorobiphenyl

Concen: 85.672 ng

RT: 13.488 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB142974BSD

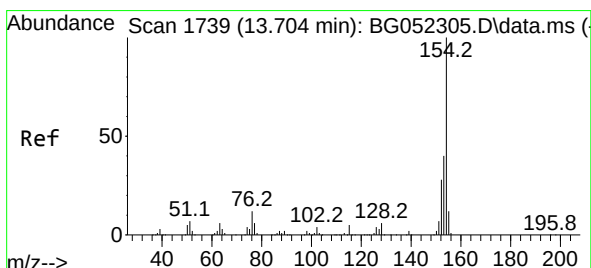
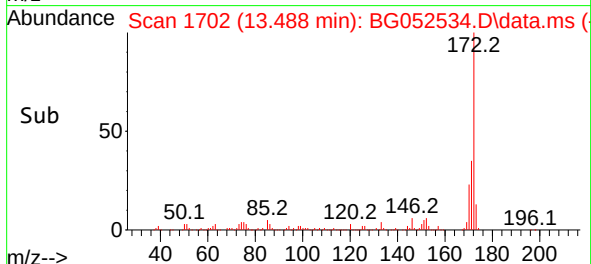
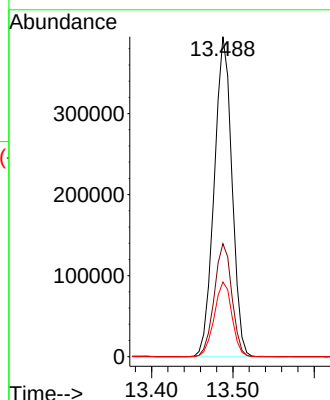
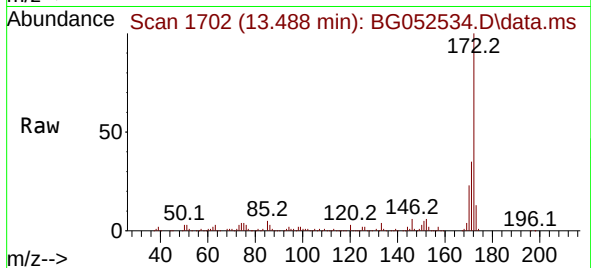
Tgt Ion:172 Resp: 598856

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.3 18.3 27.5



#46

1,1'-Biphenyl

Concen: 45.713 ng

RT: 13.699 min Scan# 1738

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

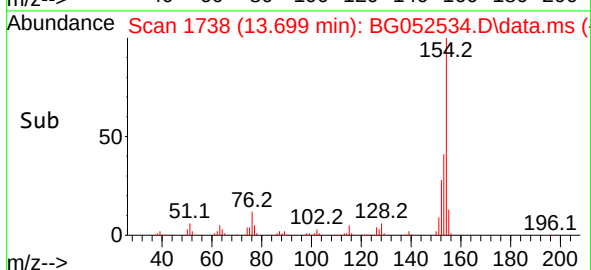
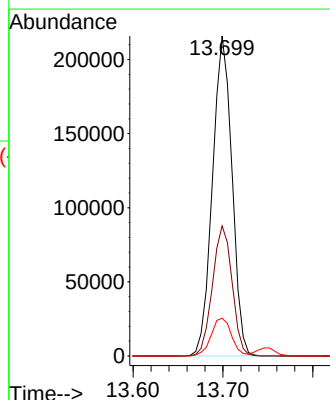
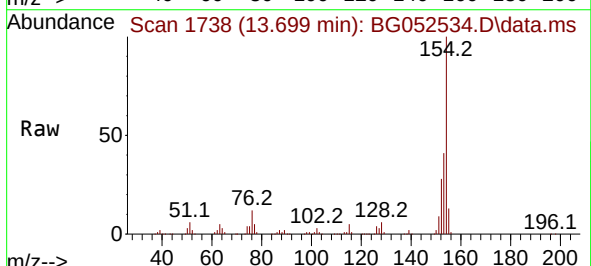
Tgt Ion:154 Resp: 325586

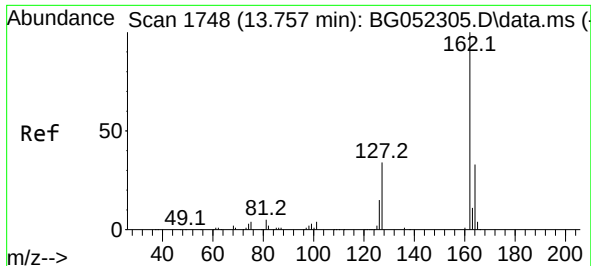
Ion Ratio Lower Upper

154 100

153 40.7 21.1 61.1

76 11.8 0.0 32.6

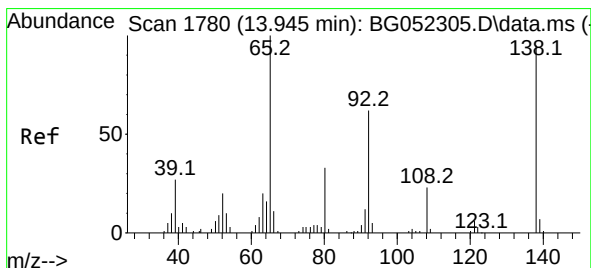
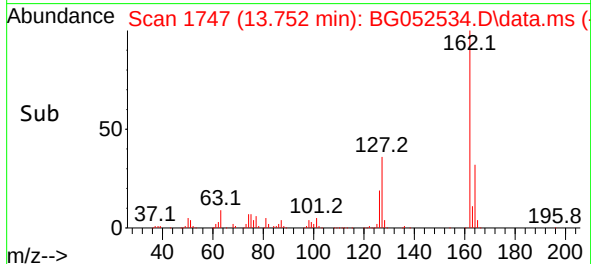
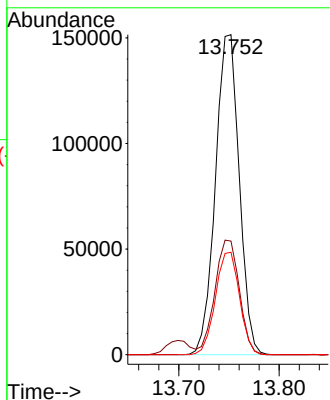
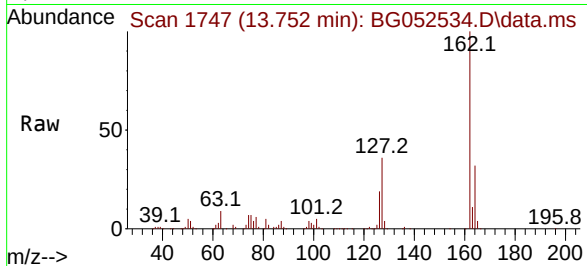




#47
2-Chloronaphthalene
Concen: 45.414 ng
RT: 13.752 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

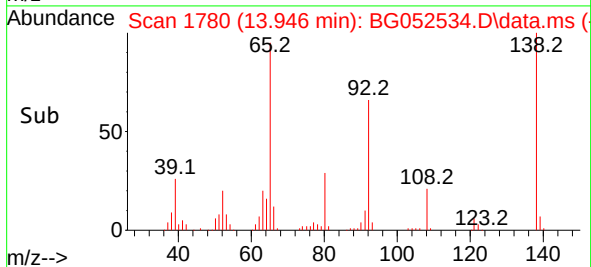
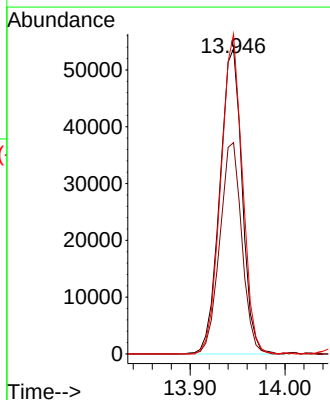
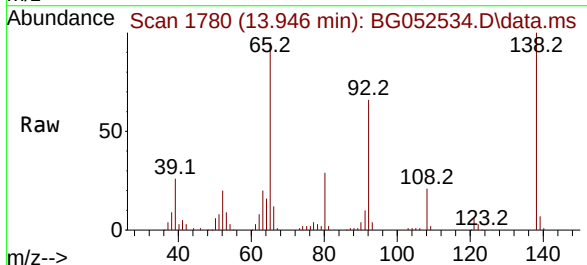
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

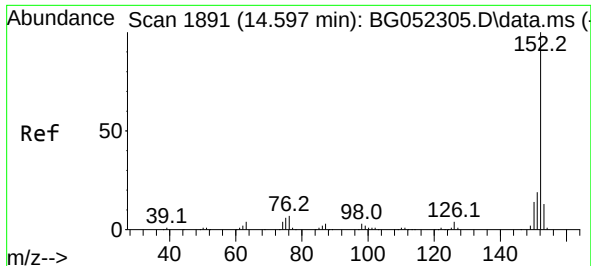
Tgt Ion:162 Resp: 249197
Ion Ratio Lower Upper
162 100
127 35.5 30.4 45.6
164 32.0 25.0 37.4



#48
2-Nitroaniline
Concen: 44.863 ng
RT: 13.946 min Scan# 1780
Delta R.T. 0.001 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion: 65 Resp: 87643
Ion Ratio Lower Upper
65 100
92 69.2 51.0 76.6
138 104.7 72.4 108.6

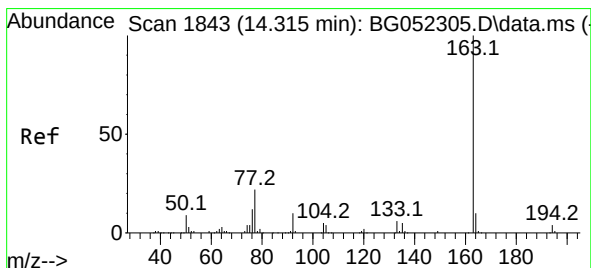
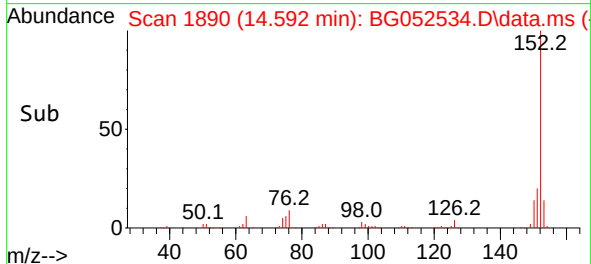
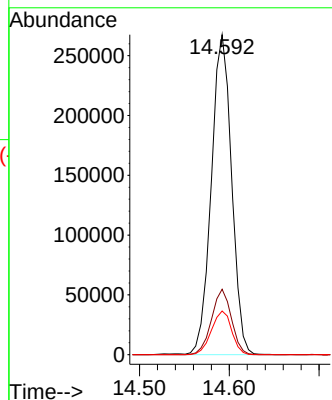
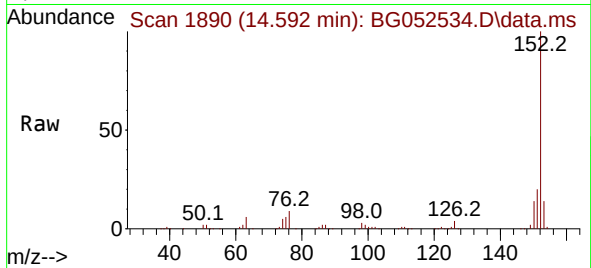




#49
Acenaphthylene
Concen: 46.955 ng
RT: 14.592 min Scan# 1890
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

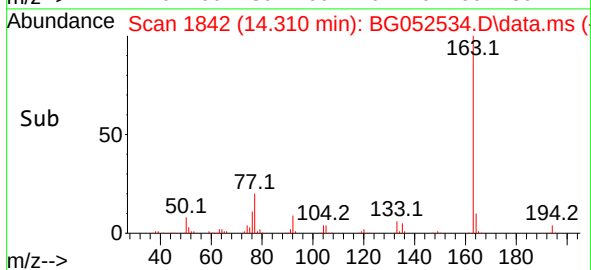
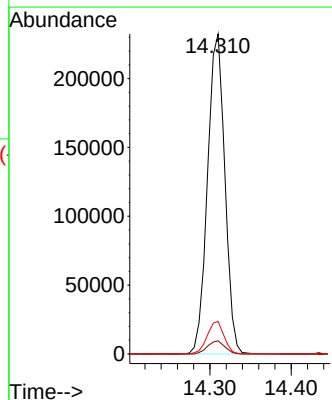
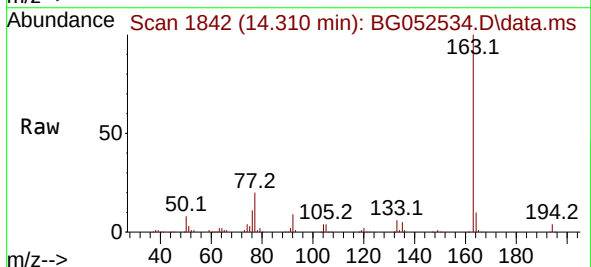
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

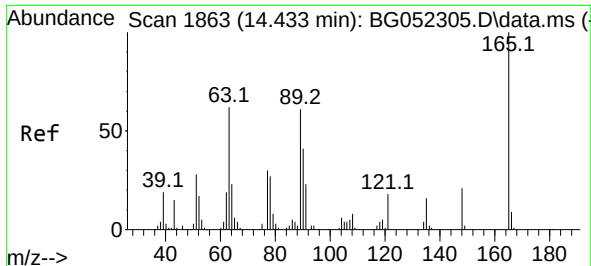
Tgt Ion:152 Resp: 419421
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.7 10.8 16.2



#50
Dimethylphthalate
Concen: 46.142 ng
RT: 14.310 min Scan# 1842
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:163 Resp: 343326
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.1 8.4 12.6

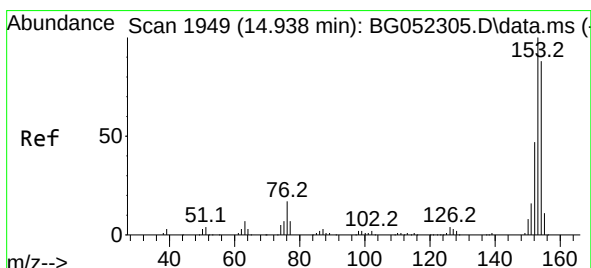
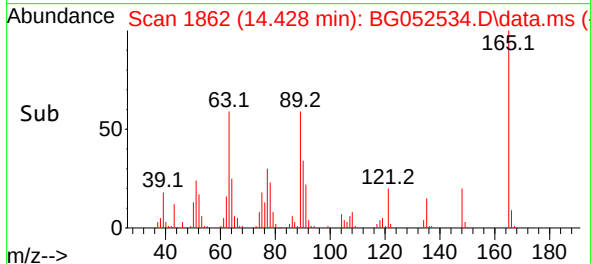
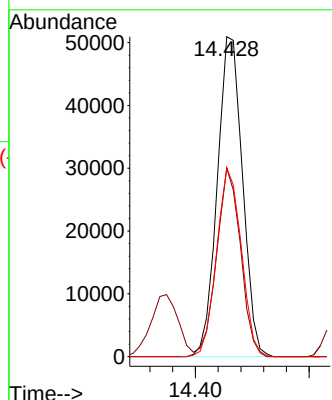
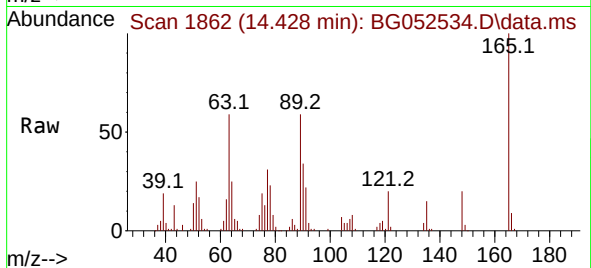




#51
2,6-Dinitrotoluene
Concen: 48.989 ng
RT: 14.428 min Scan# 1862
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

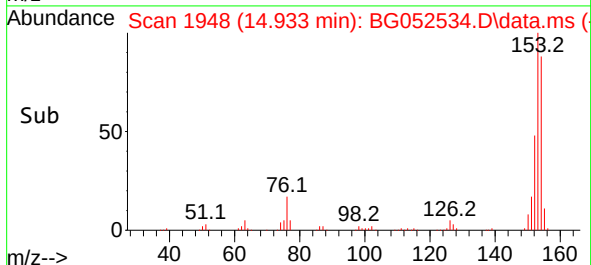
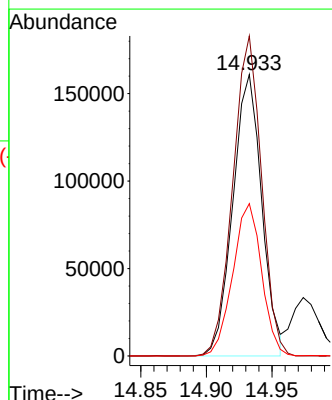
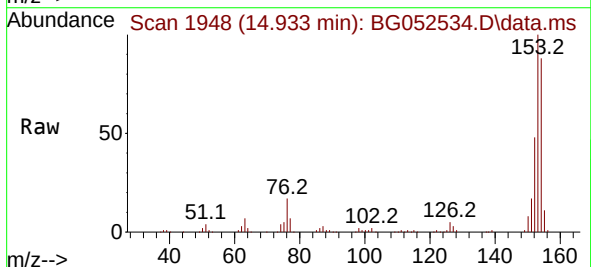
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

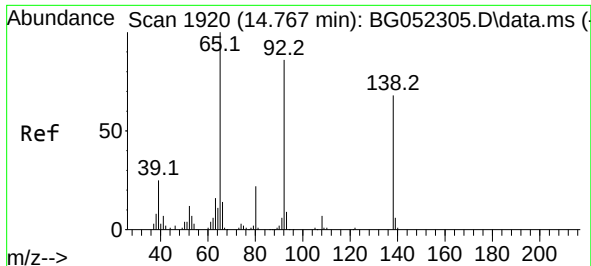
Tgt Ion:165 Resp: 78659
Ion Ratio Lower Upper
165 100
63 58.9 59.0 88.4#
89 59.1 49.4 74.0



#52
Acenaphthene
Concen: 42.207 ng
RT: 14.933 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:154 Resp: 246907
Ion Ratio Lower Upper
154 100
153 113.7 91.9 137.9
152 54.1 43.4 65.2

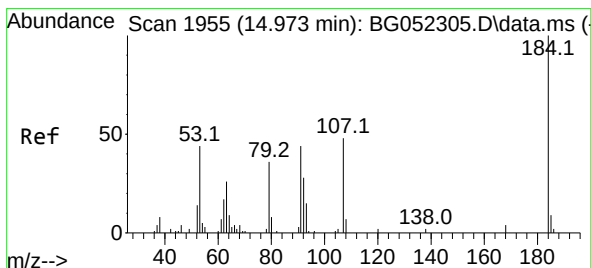
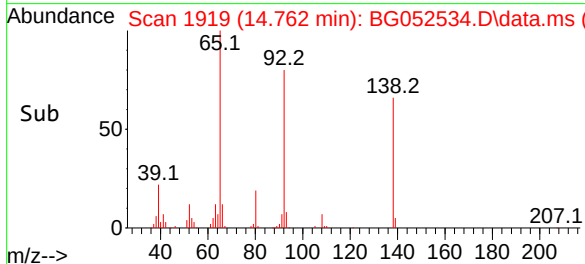
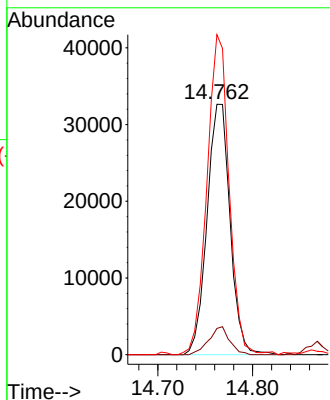
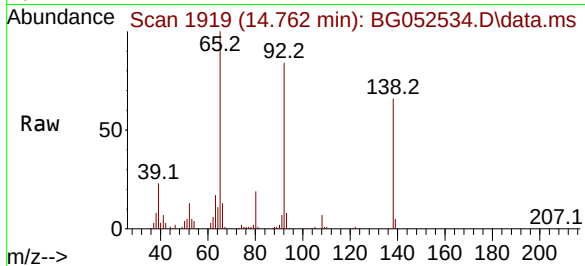




#53
3-Nitroaniline
Concen: 33.077 ng
RT: 14.762 min Scan# 1920
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

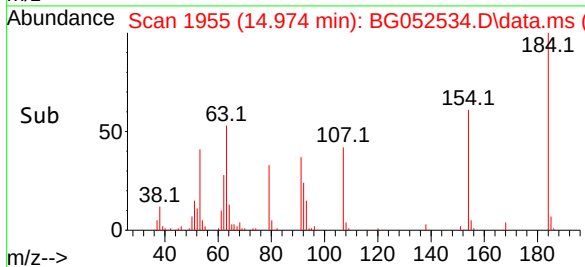
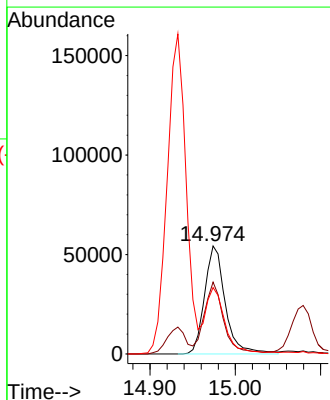
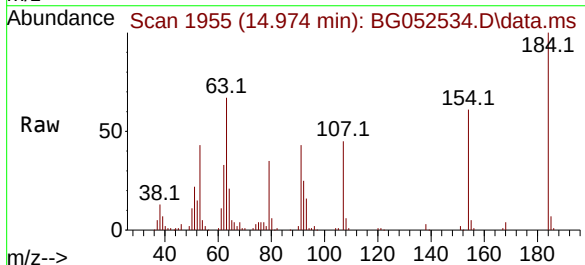
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

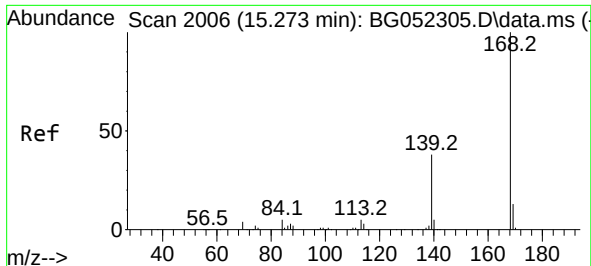
Tgt Ion:138 Resp: 55204
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.8
92 127.8 100.4 150.6



#54
2,4-Dinitrophenol
Concen: 91.545 ng
RT: 14.974 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:184 Resp: 91776
Ion Ratio Lower Upper
184 100
63 66.6 56.0 84.0
154 61.5 50.2 75.2

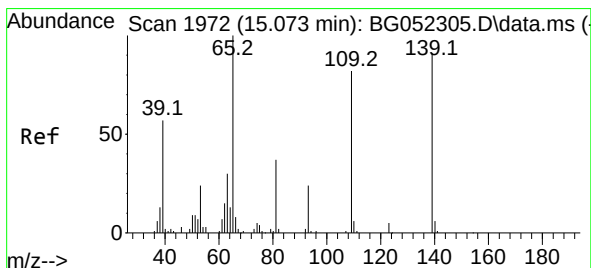
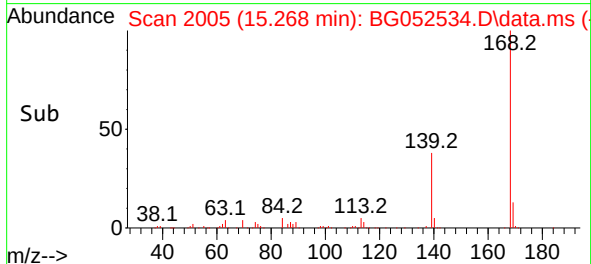
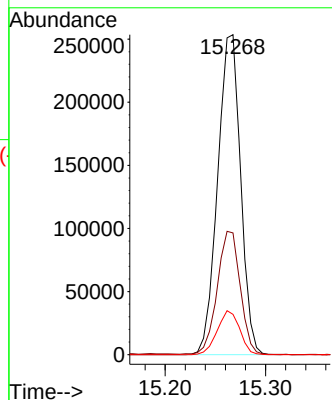
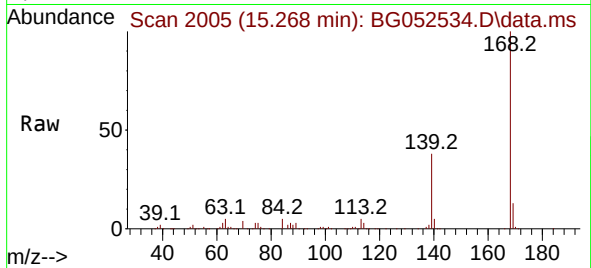




#55
Dibenzenofuran
Concen: 43.703 ng
RT: 15.268 min Scan# 2006
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

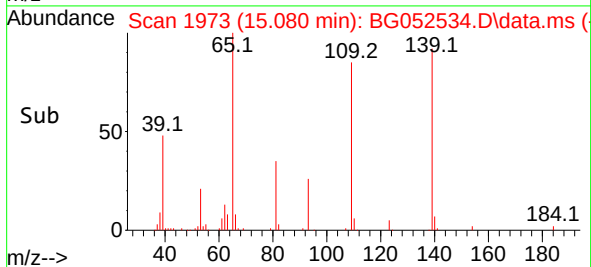
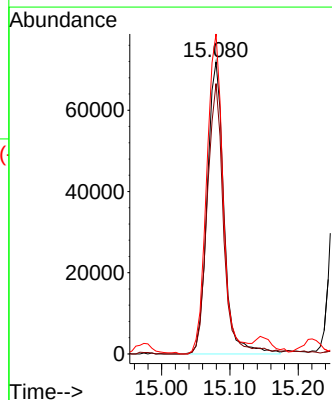
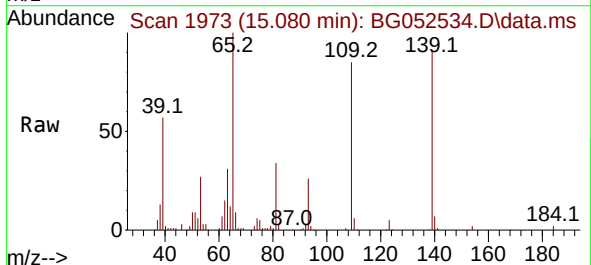
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

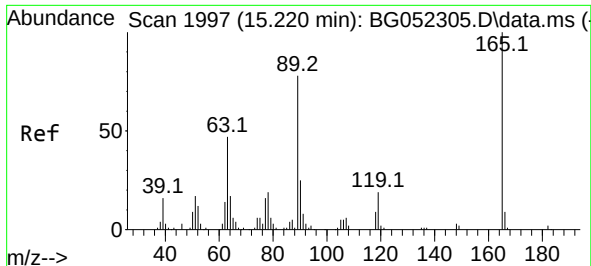
Tgt Ion:168 Resp: 402064
Ion Ratio Lower Upper
168 100
139 38.1 30.7 46.1
169 12.6 10.9 16.3



#56
4-Nitrophenol
Concen: 97.939 ng
RT: 15.080 min Scan# 1973
Delta R.T. 0.007 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:139 Resp: 122752
Ion Ratio Lower Upper
139 100
109 92.6 84.9 124.9
65 109.6 109.9 149.9#





#57

2,4-Dinitrotoluene

Concen: 51.079 ng

RT: 15.221 min Scan# 1997

Delta R.T. 0.001 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB142974BSD

Tgt Ion:165 Resp: 116731

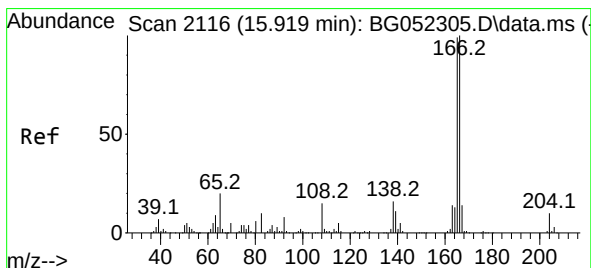
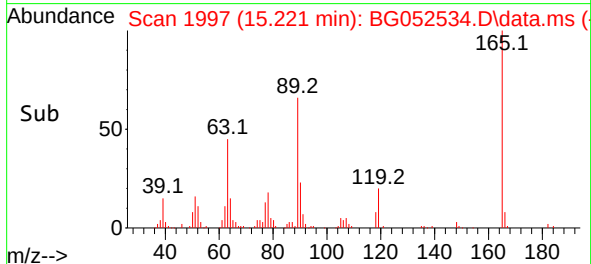
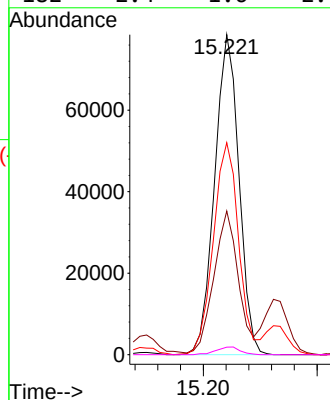
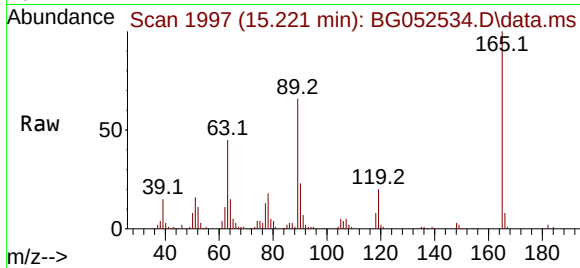
Ion Ratio Lower Upper

165 100

63 44.9 44.6 66.8

89 66.3 67.4 101.0#

182 2.4 1.6 2.4



#58

Fluorene

Concen: 46.286 ng

RT: 15.914 min Scan# 2115

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

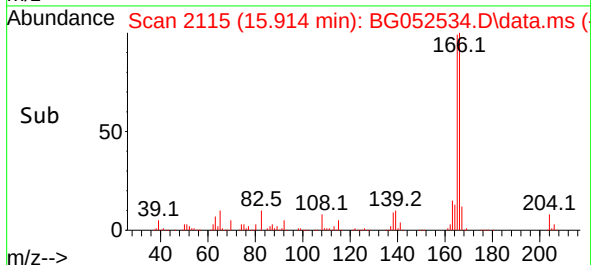
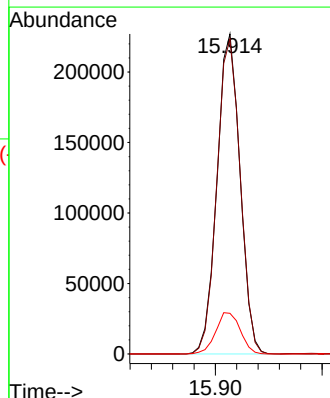
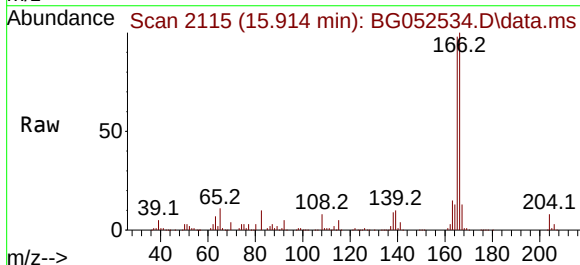
Tgt Ion:166 Resp: 339939

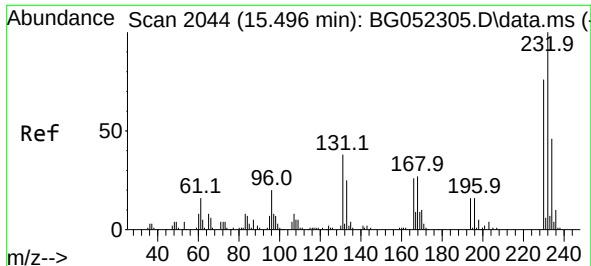
Ion Ratio Lower Upper

166 100

165 98.4 80.0 120.0

167 12.7 11.1 16.7

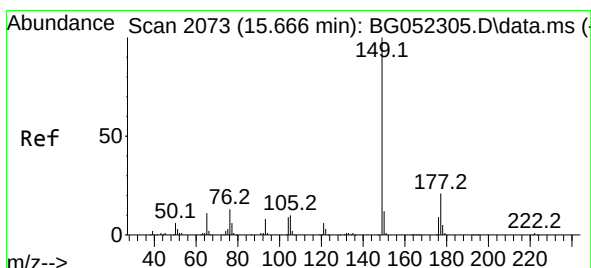
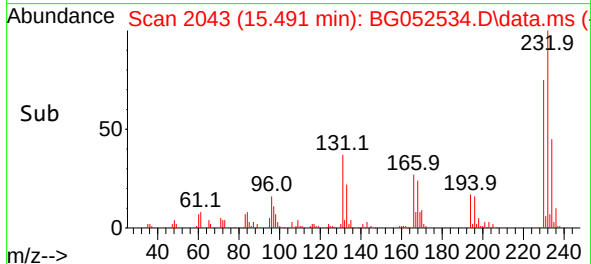
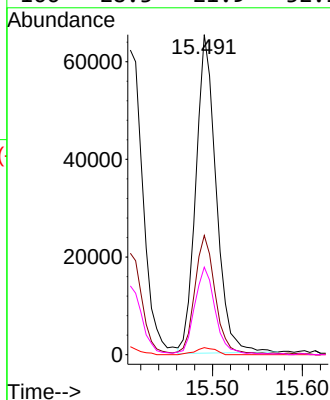
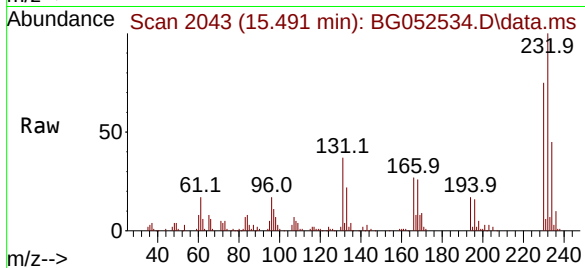




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.342 ng
RT: 15.491 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

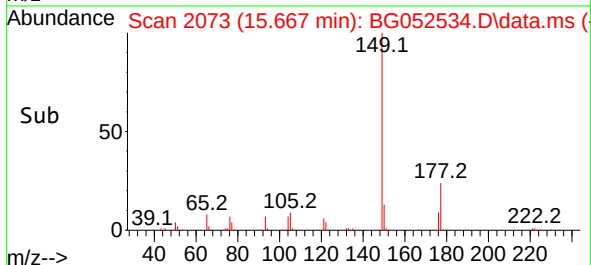
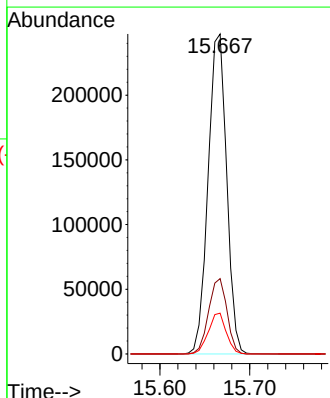
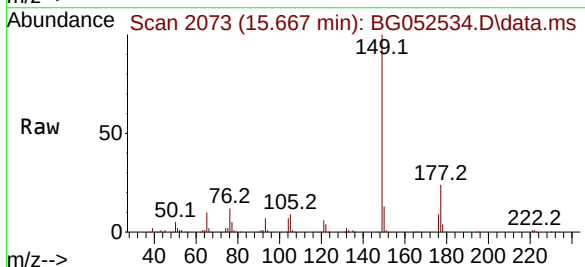
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

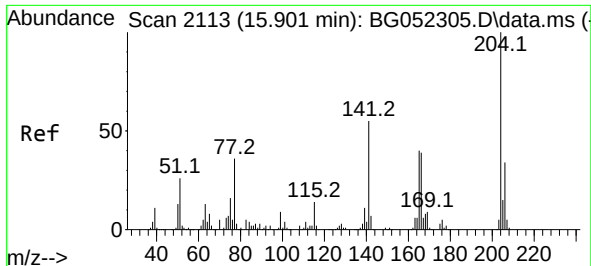
Tgt Ion:232 Resp: 102405
Ion Ratio Lower Upper
232 100
131 37.1 32.2 48.4
130 2.2 2.2 3.4#
166 28.3 21.9 32.9



#60
Diethylphthalate
Concen: 47.106 ng
RT: 15.667 min Scan# 2073
Delta R.T. 0.001 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:149 Resp: 354068
Ion Ratio Lower Upper
149 100
177 23.6 17.8 26.6
150 12.8 9.2 13.8

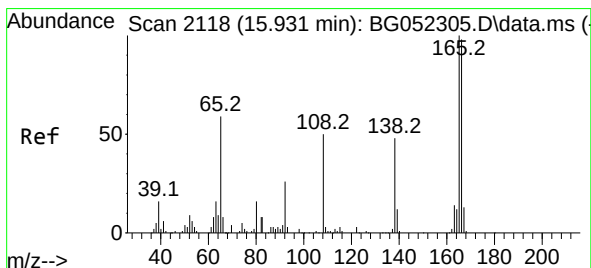
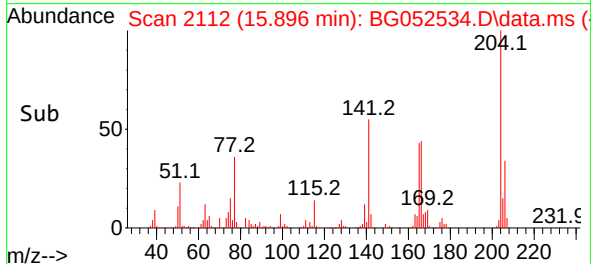
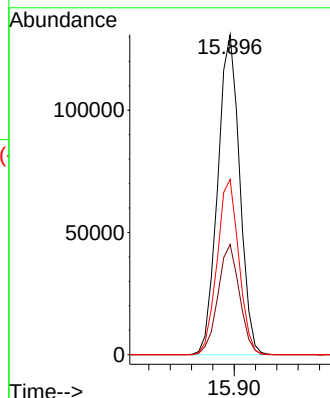
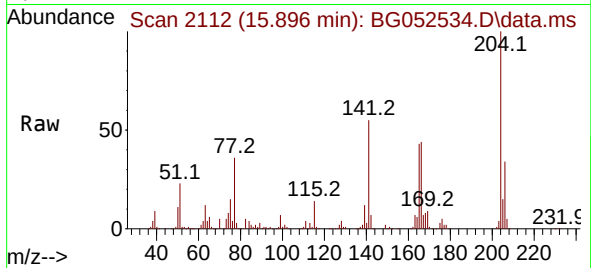




#61
4-Chlorophenyl-phenylether
Concen: 44.586 ng
RT: 15.896 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

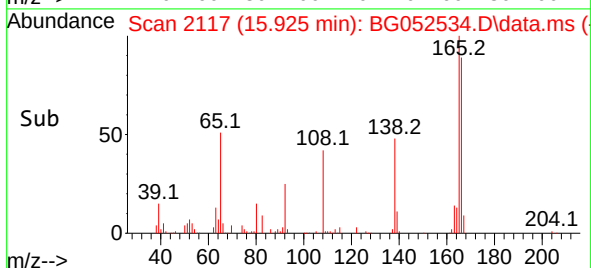
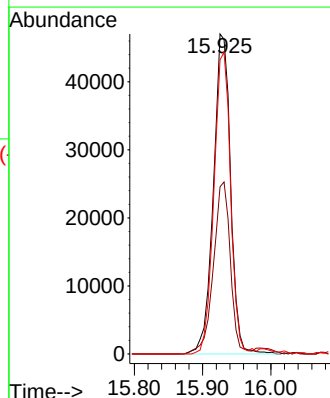
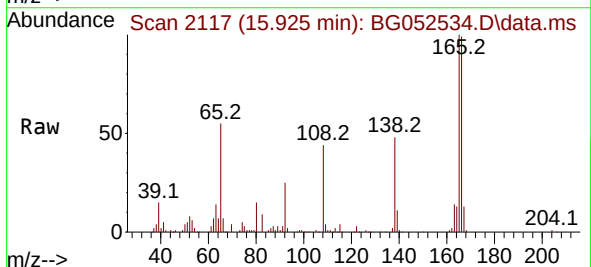
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

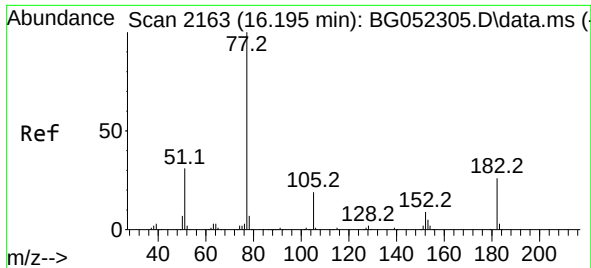
Tgt Ion:204 Resp: 186530
Ion Ratio Lower Upper
204 100
206 34.5 28.4 42.6
141 54.7 41.8 62.6



#62
4-Nitroaniline
Concen: 46.957 ng
RT: 15.925 min Scan# 2117
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:138 Resp: 82503
Ion Ratio Lower Upper
138 100
92 52.3 35.5 75.5
108 91.9 96.4 136.4#

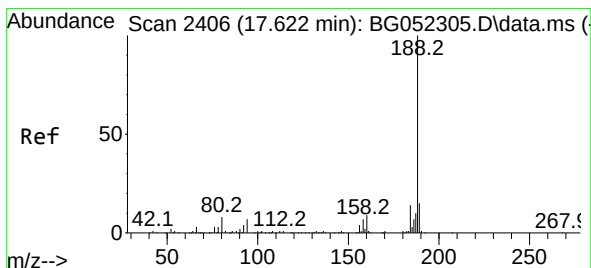
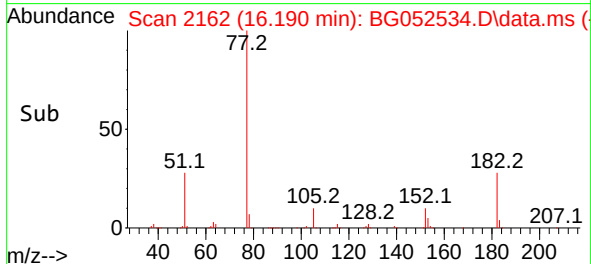
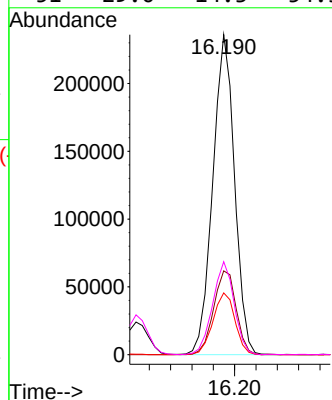
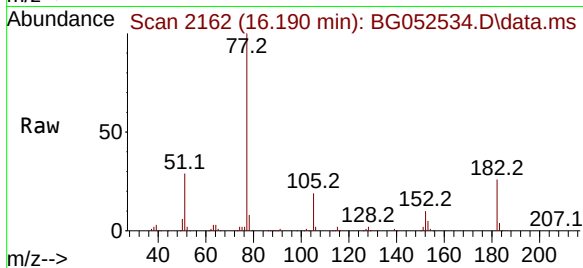




#63
Azobenzene
Concen: 43.449 ng
RT: 16.190 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

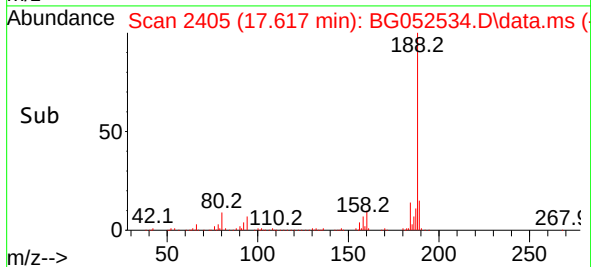
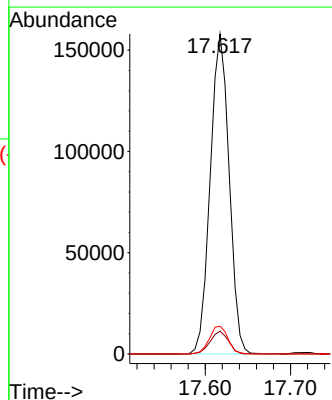
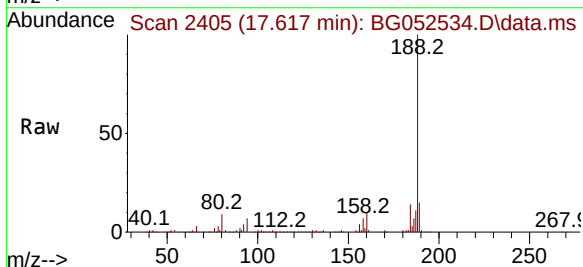
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

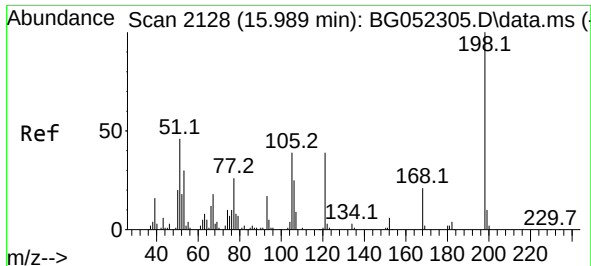
Tgt Ion: 77	Resp: 334329
Ion Ratio	Lower Upper
77 100	
182 26.2	4.1 44.1
105 19.3	0.0 37.5
51 29.0	14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.617 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:188	Resp: 243297
Ion Ratio	Lower Upper
188 100	
94 7.2	5.9 8.9
80 8.7	6.6 10.0

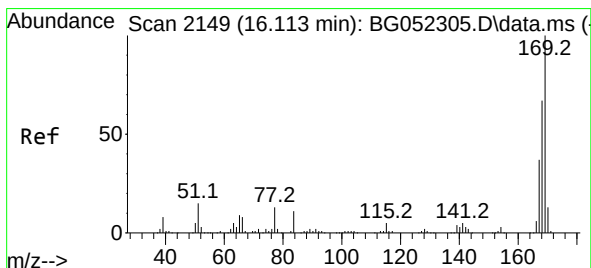
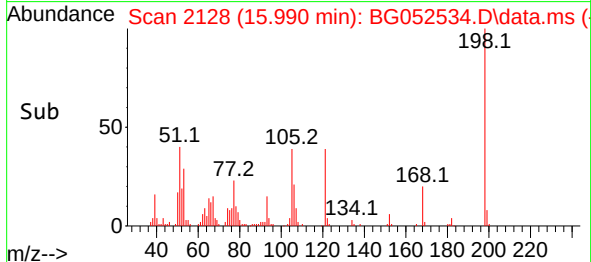
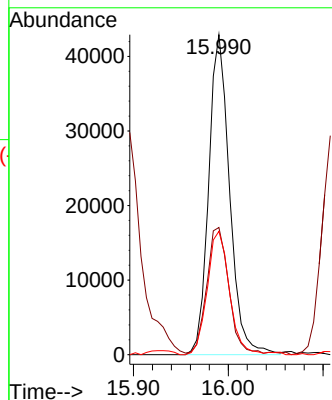
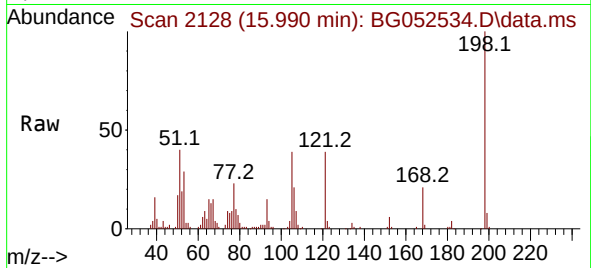




#65
4,6-Dinitro-2-methylphenol
Concen: 44.947 ng
RT: 15.990 min Scan# 2128
Delta R.T. 0.001 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

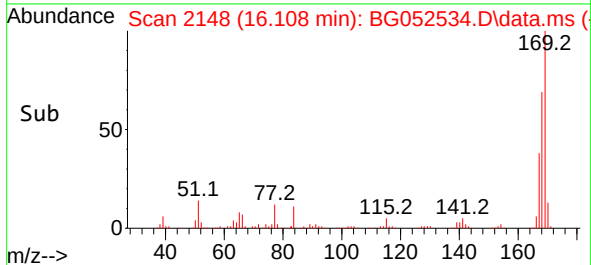
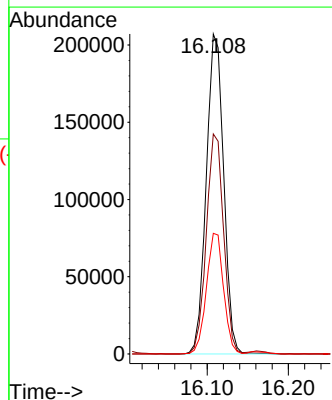
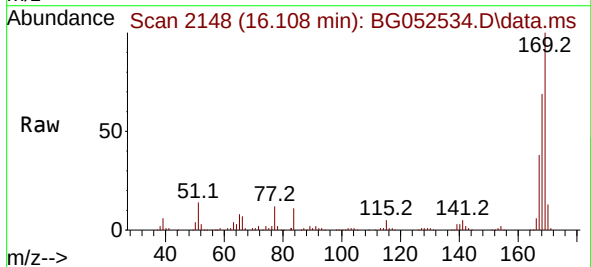
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

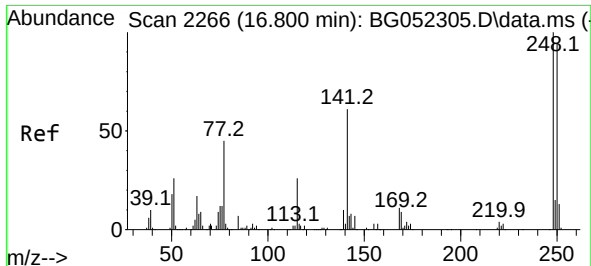
Tgt Ion:198 Resp: 65784
Ion Ratio Lower Upper
198 100
51 39.8 31.6 71.6
105 38.5 22.3 62.3



#66
n-Nitrosodiphenylamine
Concen: 45.872 ng
RT: 16.108 min Scan# 2148
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:169 Resp: 307502
Ion Ratio Lower Upper
169 100
168 68.7 57.4 86.0
167 37.7 29.5 44.3

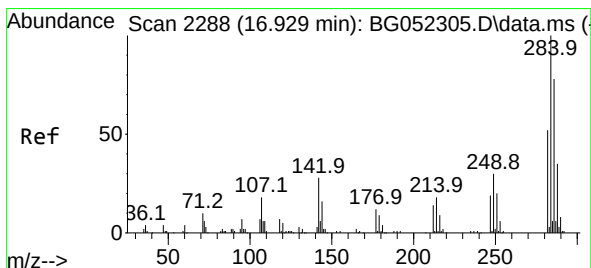
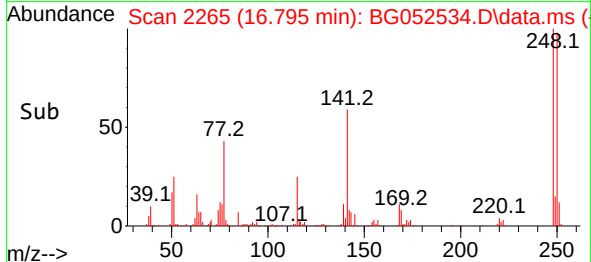
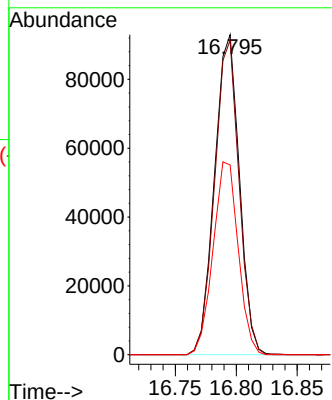
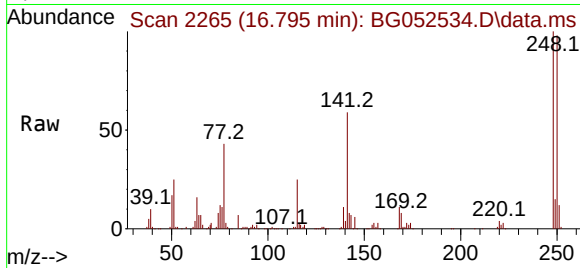




#67
4-Bromophenyl-phenylether
Concen: 44.522 ng
RT: 16.795 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

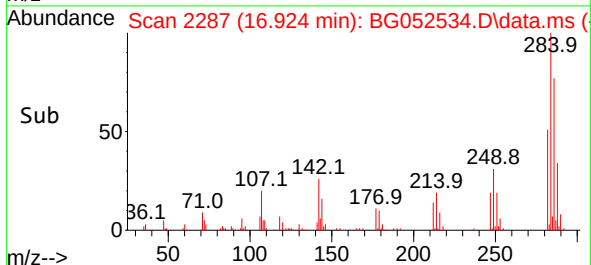
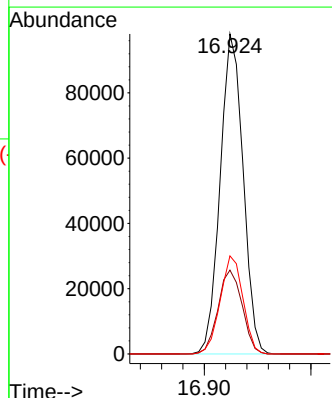
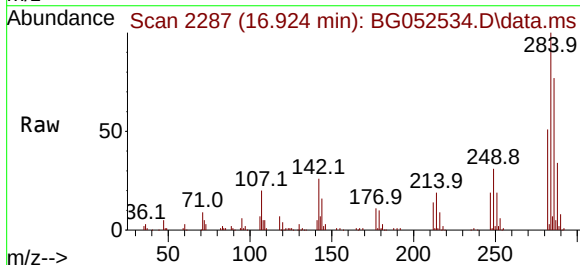
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

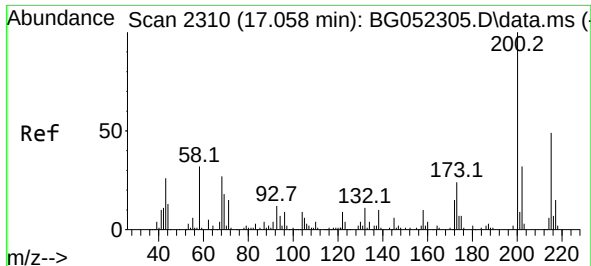
Tgt Ion:248 Resp: 131729
Ion Ratio Lower Upper
248 100
250 98.2 79.6 119.4
141 59.3 54.6 81.8



#68
Hexachlorobenzene
Concen: 45.602 ng
RT: 16.924 min Scan# 2287
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:284 Resp: 146339
Ion Ratio Lower Upper
284 100
142 26.2 26.2 39.2
249 30.7 26.9 40.3

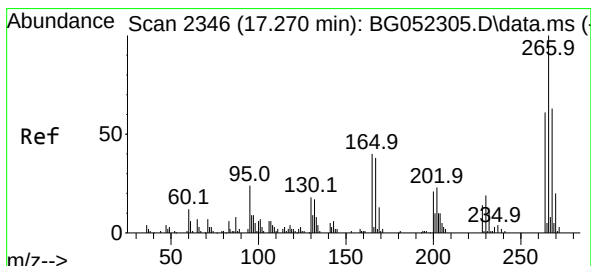
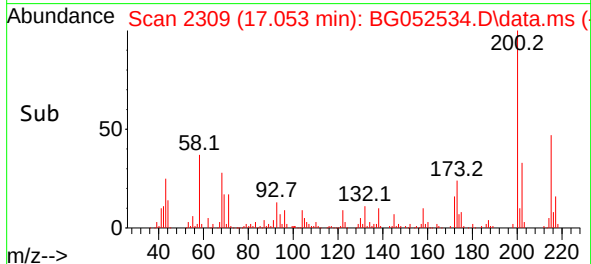
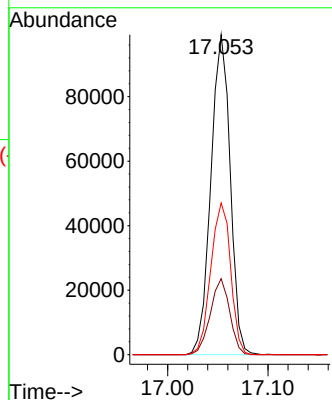
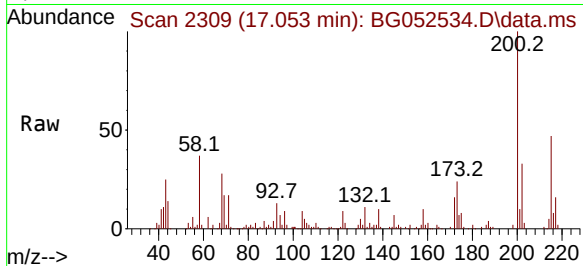




#69
 Atrazine
 Concen: 49.079 ng
 RT: 17.053 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG052534.D
 Acq: 2 Mar 2022 12:20

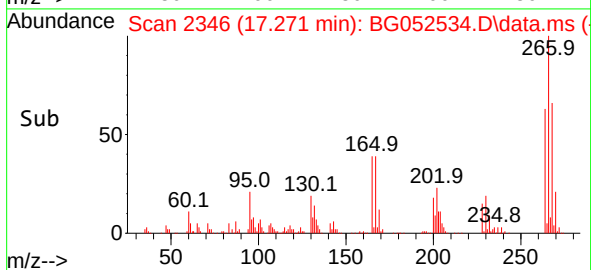
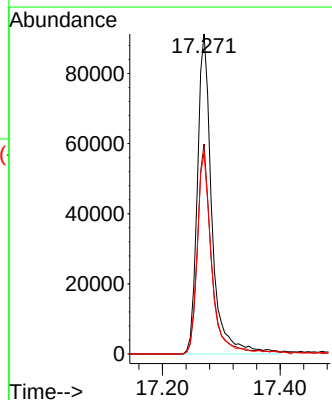
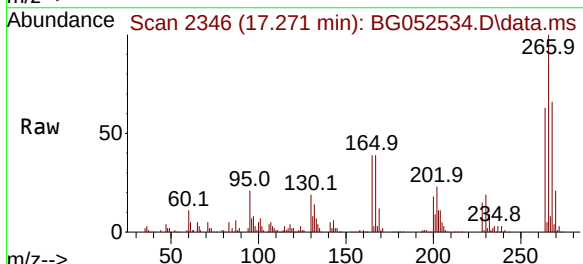
Instrument :
 BNA_G
 ClientSampleId :
 PB142974BSD

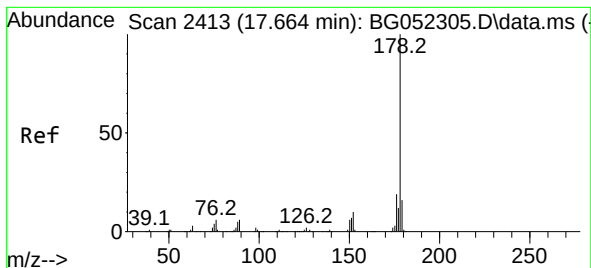
Tgt Ion:200 Resp: 133012
 Ion Ratio Lower Upper
 200 100
 173 23.8 3.3 43.3
 215 47.4 24.4 64.4



#70
 Pentachlorophenol
 Concen: 99.526 ng
 RT: 17.271 min Scan# 2346
 Delta R.T. 0.001 min
 Lab File: BG052534.D
 Acq: 2 Mar 2022 12:20

Tgt Ion:266 Resp: 156251
 Ion Ratio Lower Upper
 266 100
 268 65.6 50.6 75.8
 264 62.7 52.2 78.2





#71

Phenanthrene

Concen: 45.402 ng

RT: 17.658 min Scan# 2413

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB142974BSD

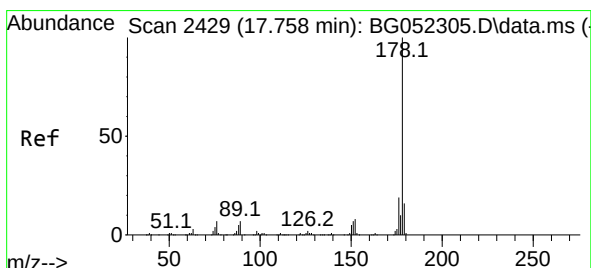
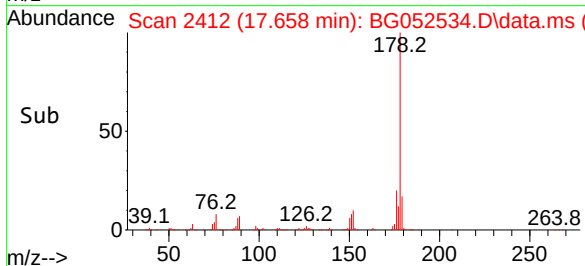
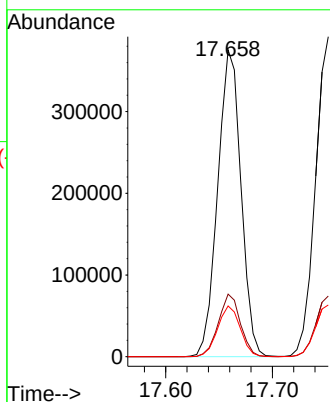
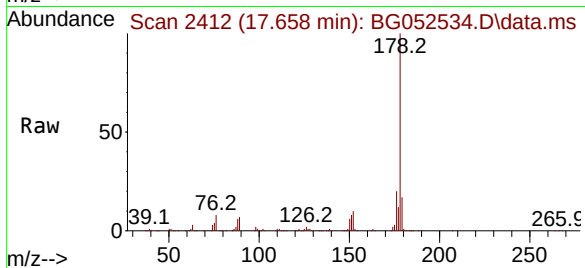
Tgt Ion:178 Resp: 569440

Ion Ratio Lower Upper

178 100

176 20.4 16.6 25.0

179 16.6 12.6 18.8



#72

Anthracene

Concen: 47.180 ng

RT: 17.752 min Scan# 2428

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

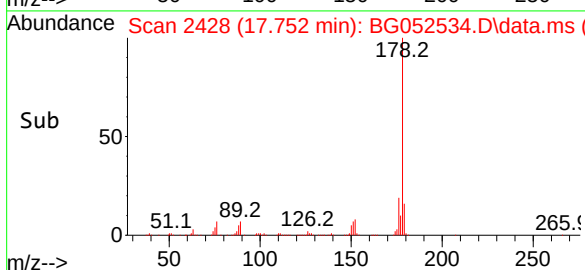
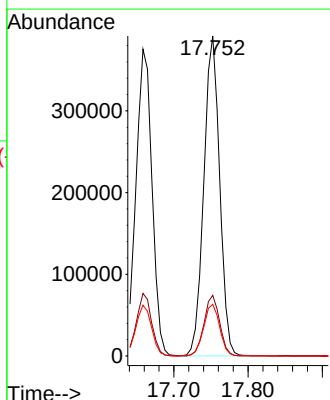
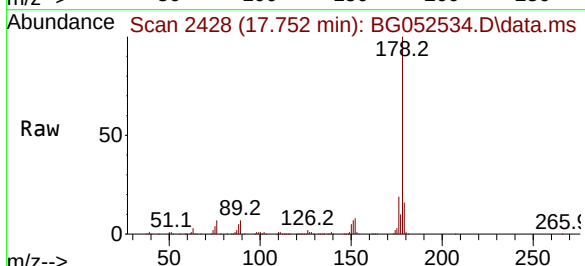
Tgt Ion:178 Resp: 579870

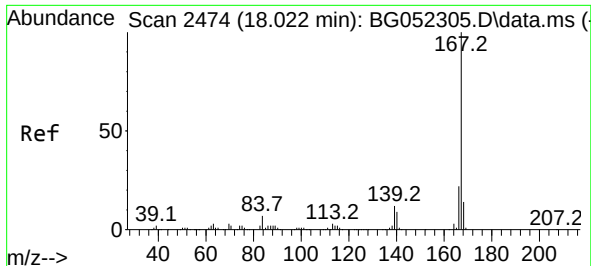
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 16.1 13.1 19.7

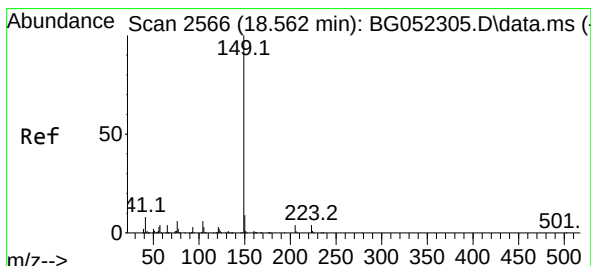
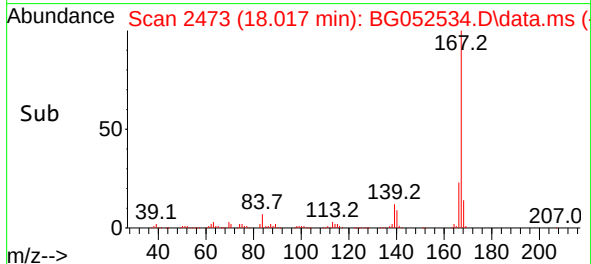
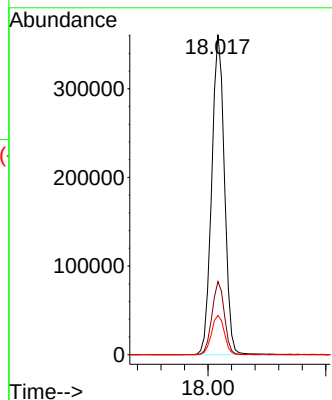
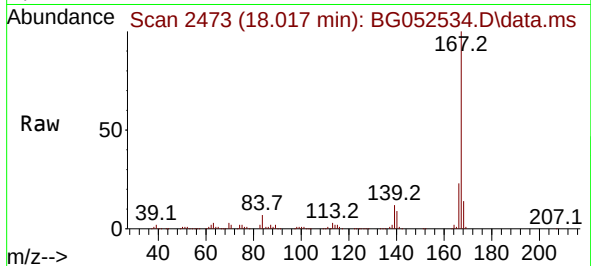




#73
 Carbazole
 Concen: 45.257 ng
 RT: 18.017 min Scan# 2473
 Delta R.T. -0.005 min
 Lab File: BG052534.D
 Acq: 2 Mar 2022 12:20

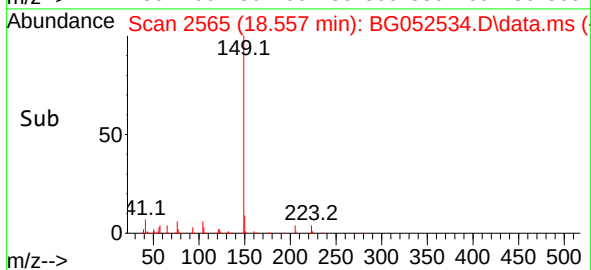
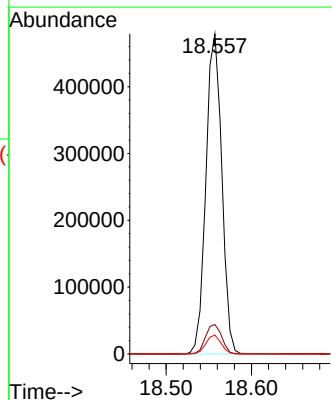
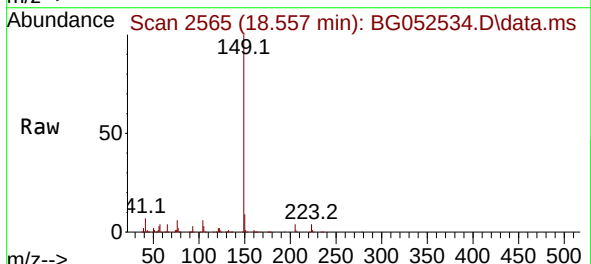
Instrument :
 BNA_G
 ClientSampleId :
 PB142974BSD

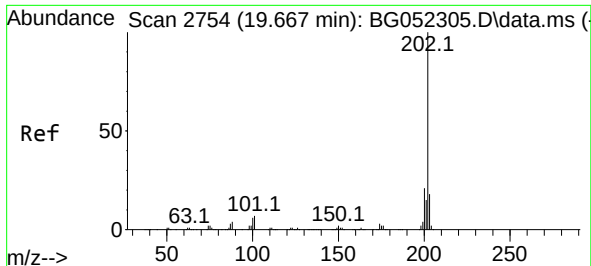
Tgt Ion:167 Resp: 542497
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.8 26.6
 139 12.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 47.436 ng
 RT: 18.557 min Scan# 2565
 Delta R.T. -0.005 min
 Lab File: BG052534.D
 Acq: 2 Mar 2022 12:20

Tgt Ion:149 Resp: 619534
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.9 5.4 8.2

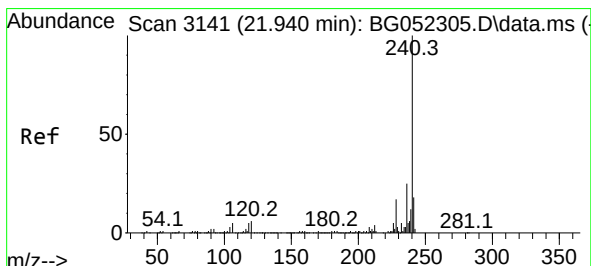
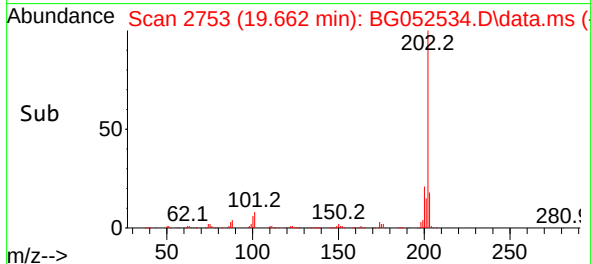
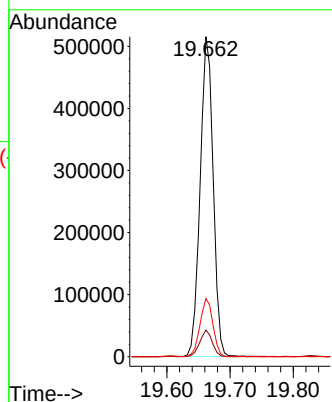
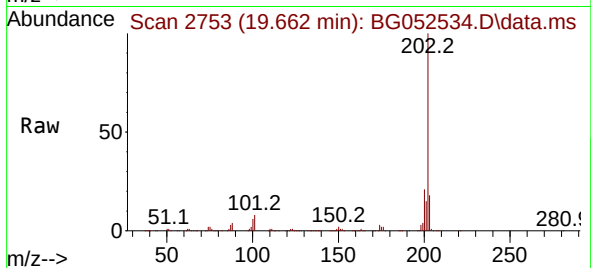




#75
Fluoranthene
Concen: 46.137 ng
RT: 19.662 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

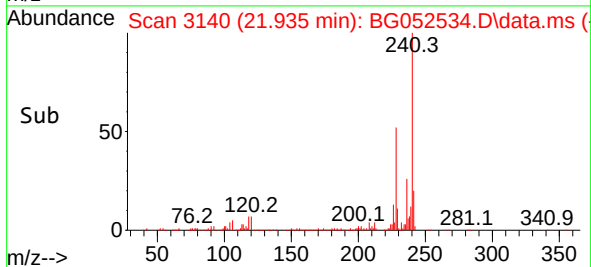
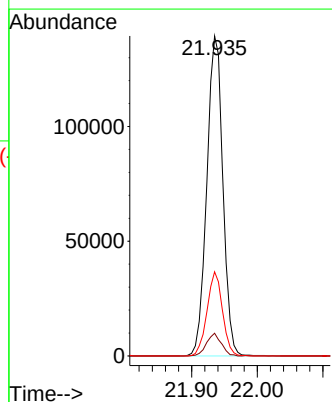
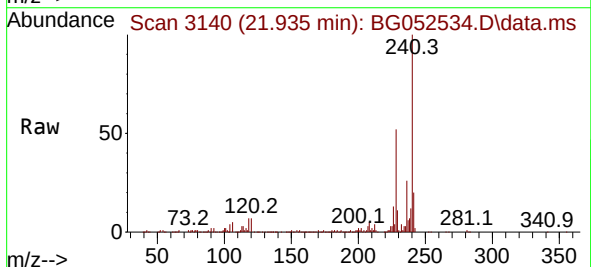
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

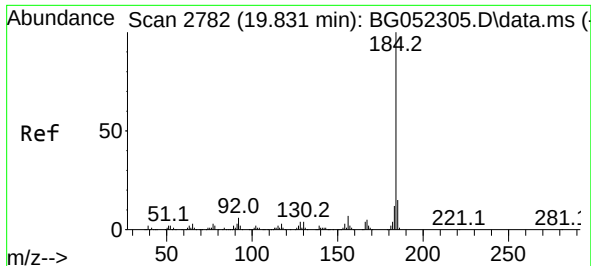
Tgt Ion:202 Resp: 736822
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.1
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.935 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:240 Resp: 237342
Ion Ratio Lower Upper
240 100
120 7.1 4.4 6.6#
236 26.3 20.8 31.2

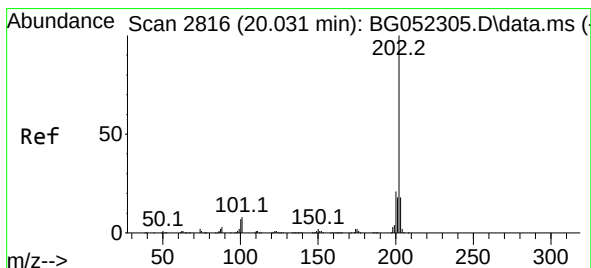
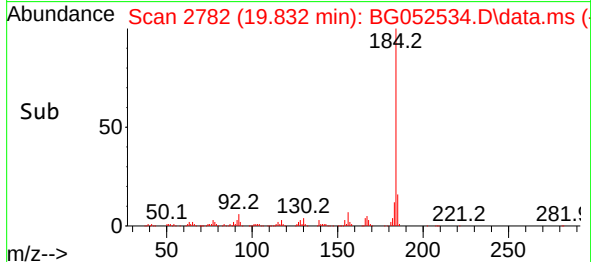
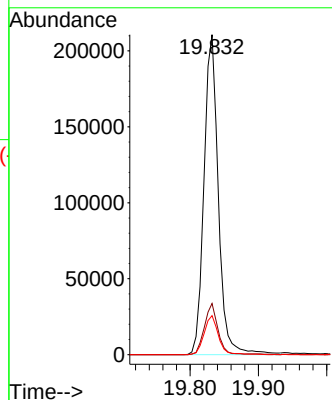
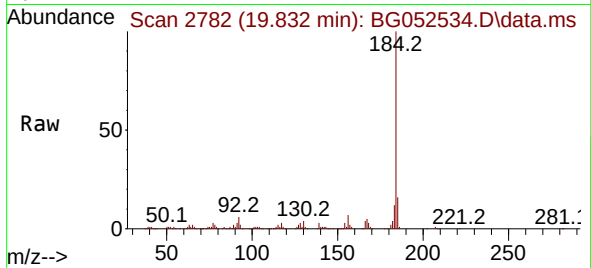




#77
Benzidine
Concen: 60.894 ng
RT: 19.832 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

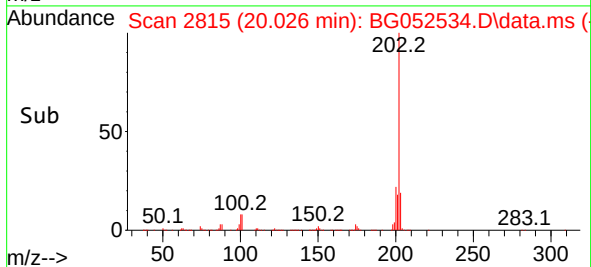
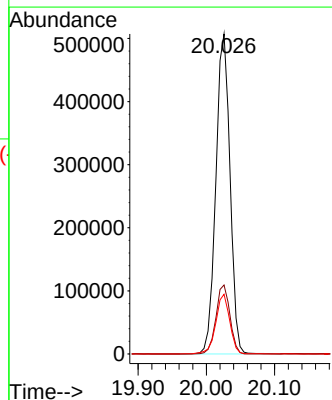
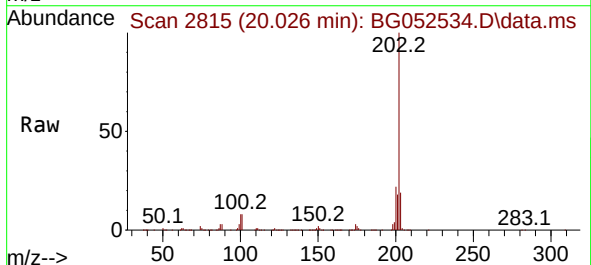
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

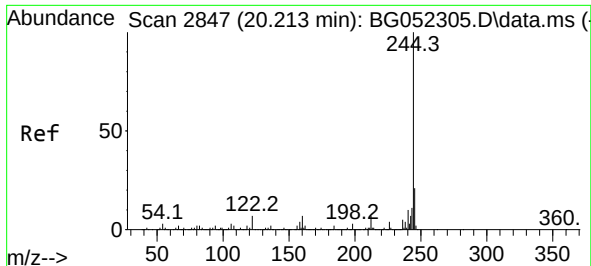
Tgt Ion:184 Resp: 308823
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.8
183 12.2 9.8 14.6



#78
Pyrene
Concen: 46.081 ng
RT: 20.026 min Scan# 2815
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:202 Resp: 731826
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 18.7 14.5 21.7

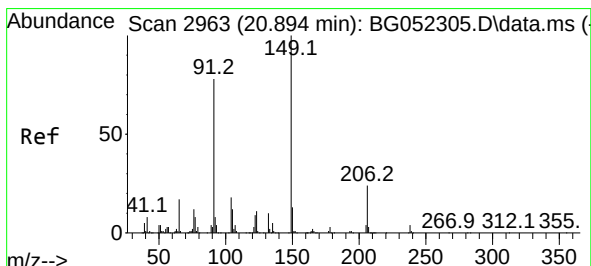
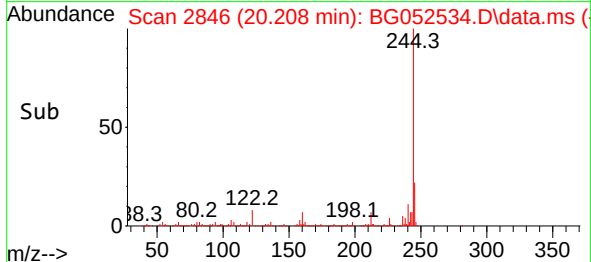
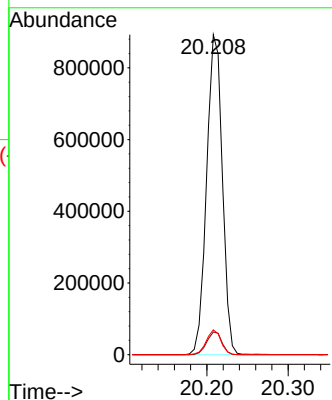
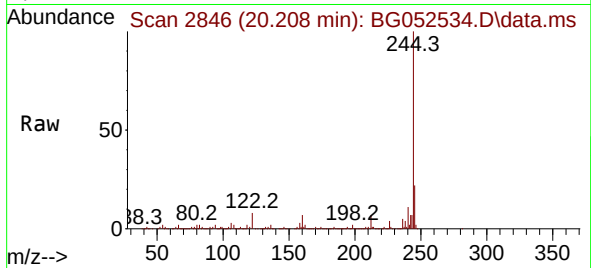




#79
 Terphenyl-d14
 Concen: 88.912 ng
 RT: 20.208 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG052534.D
 Acq: 2 Mar 2022 12:20

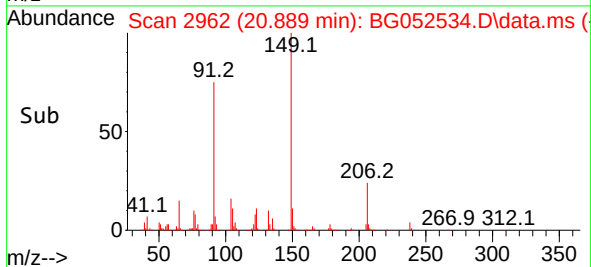
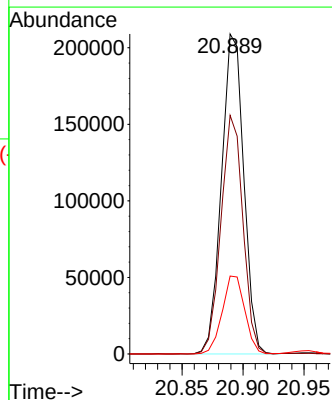
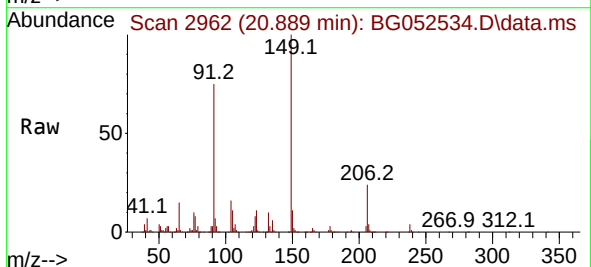
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 PB142974BSD

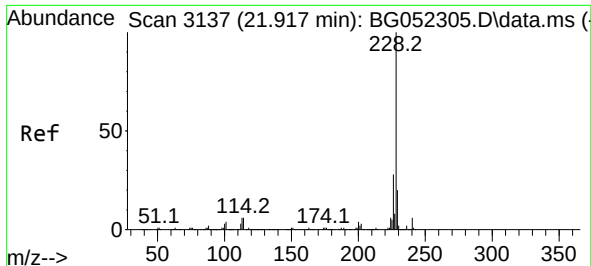
Tgt Ion:244 Resp: 1195024
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 7.7 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 48.278 ng
 RT: 20.889 min Scan# 2962
 Delta R.T. -0.005 min
 Lab File: BG052534.D
 Acq: 2 Mar 2022 12:20

Tgt Ion:149 Resp: 266331
 Ion Ratio Lower Upper
 149 100
 91 74.6 64.0 96.0
 206 24.3 19.3 28.9

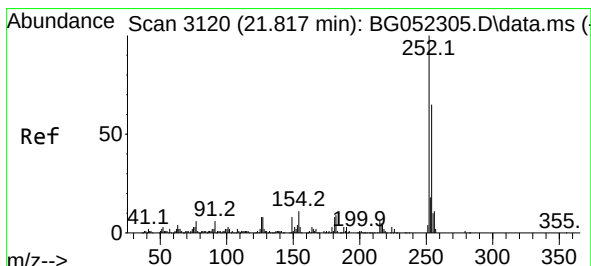
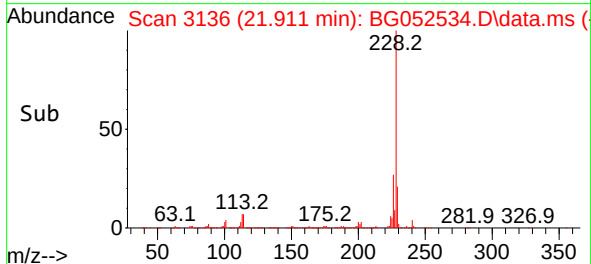
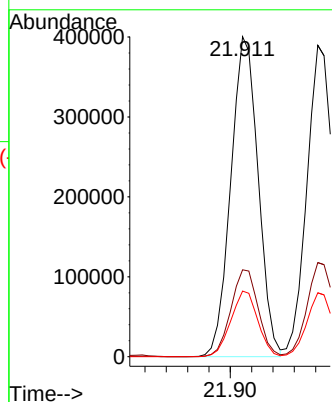
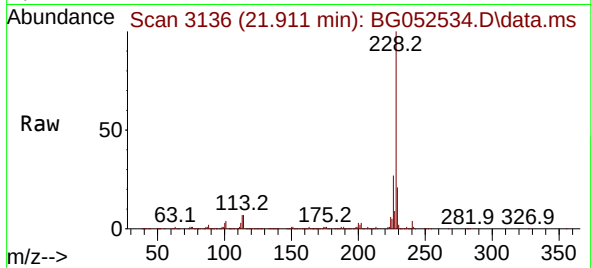




#81
Benzo(a)anthracene
Concen: 45.497 ng
RT: 21.911 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

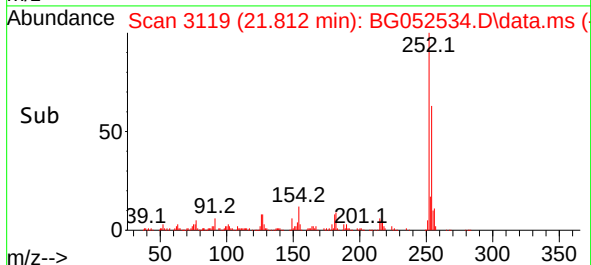
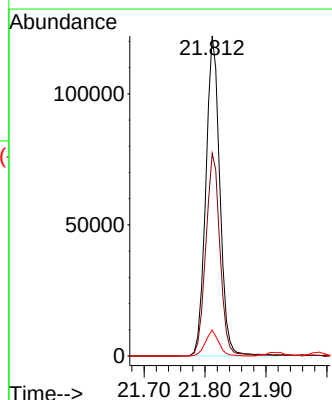
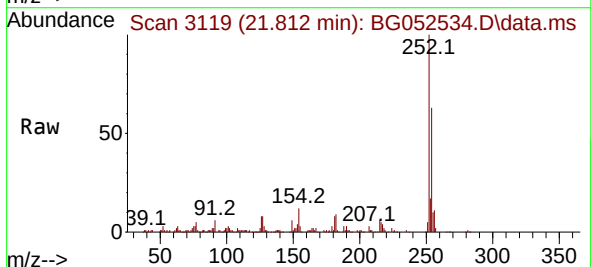
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

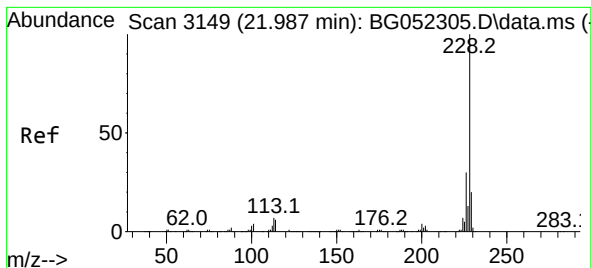
Tgt Ion:228 Resp: 714563
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 20.5 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 35.664 ng
RT: 21.812 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:252 Resp: 195545
Ion Ratio Lower Upper
252 100
254 63.3 52.6 79.0
126 8.1 6.4 9.6





#83

Chrysene

Concen: 44.918 ng

RT: 21.982 min Scan# 3149

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB142974BSD

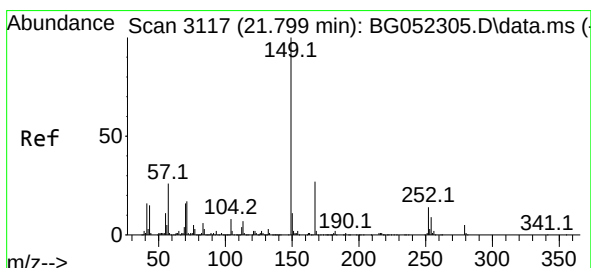
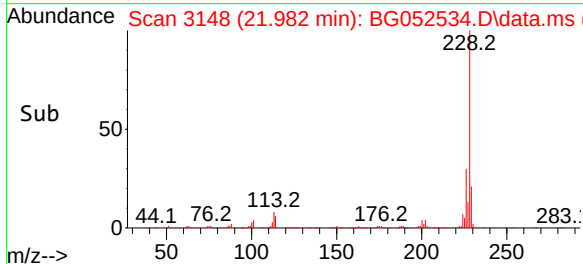
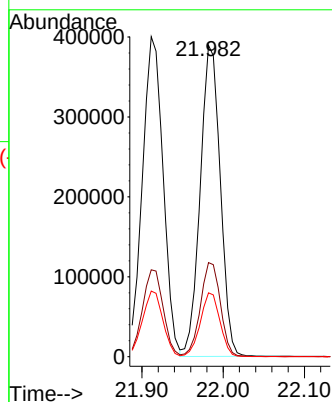
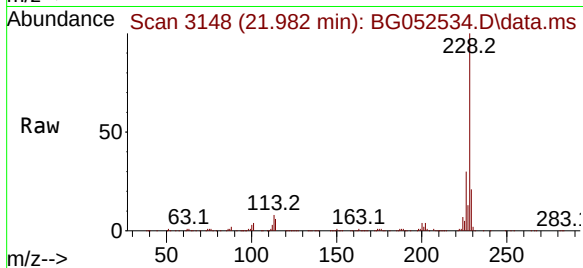
Tgt Ion:228 Resp: 668508

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 20.5 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.207 ng

RT: 21.788 min Scan# 3115

Delta R.T. -0.011 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

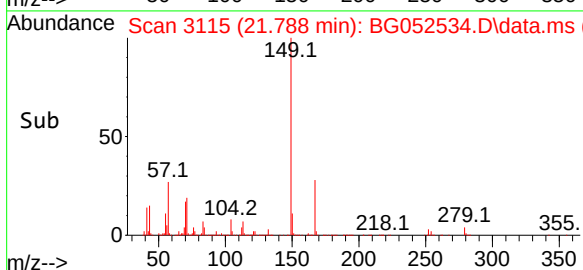
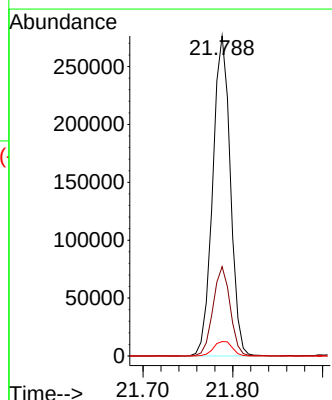
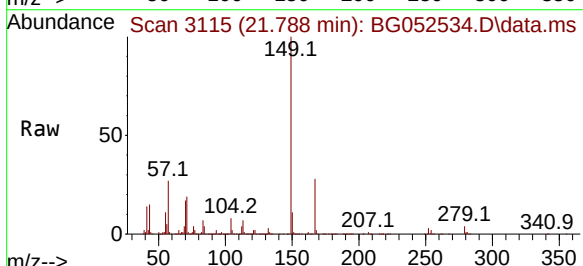
Tgt Ion:149 Resp: 376407

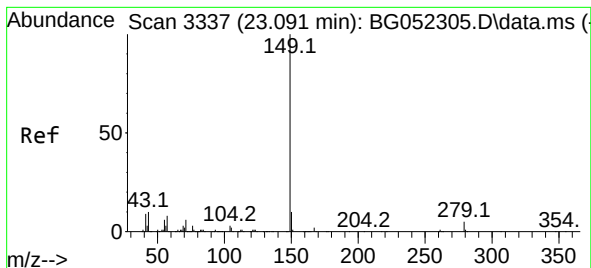
Ion Ratio Lower Upper

149 100

167 27.9 21.4 32.0

279 4.5 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 49.277 ng

RT: 23.080 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB142974BSD

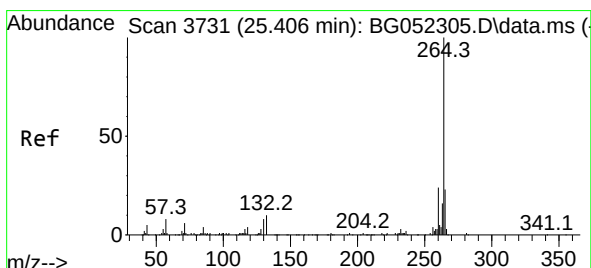
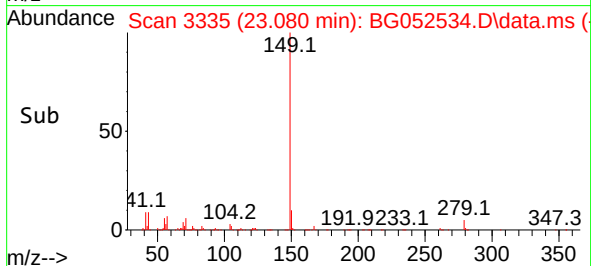
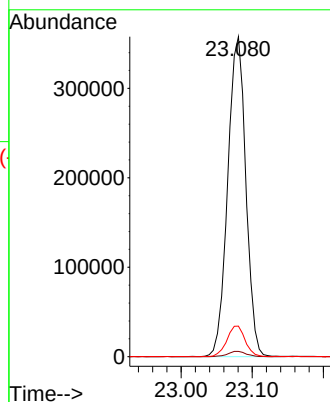
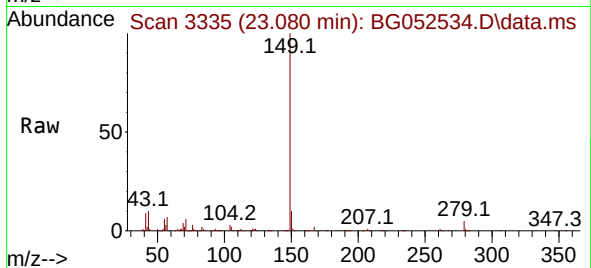
Tgt Ion:149 Resp: 631975

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 9.7 10.0 15.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.401 min Scan# 3730

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

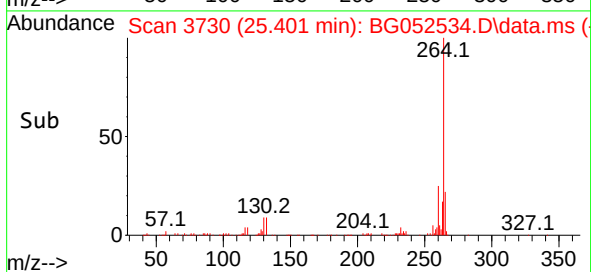
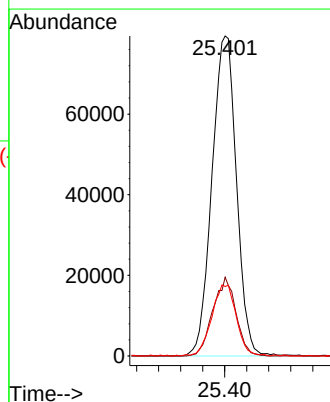
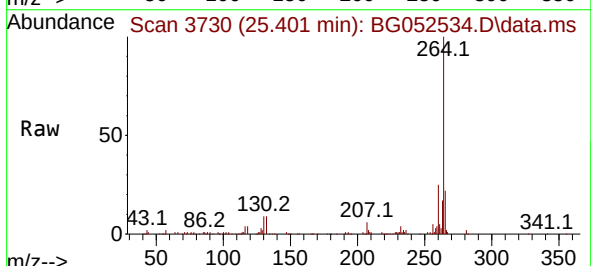
Tgt Ion:264 Resp: 244940

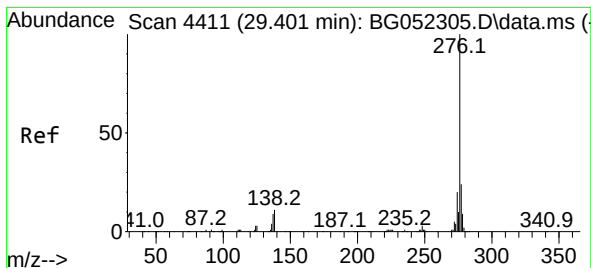
Ion Ratio Lower Upper

264 100

260 24.6 18.5 27.7

265 21.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.822 ng

RT: 29.413 min Scan# 4411

Delta R.T. 0.013 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB142974BSD

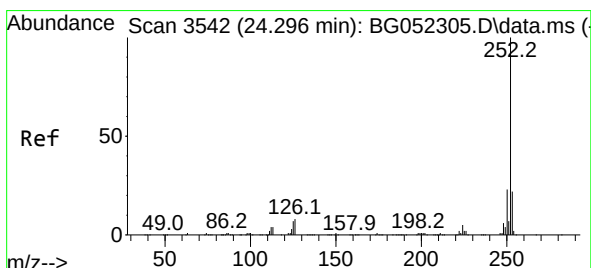
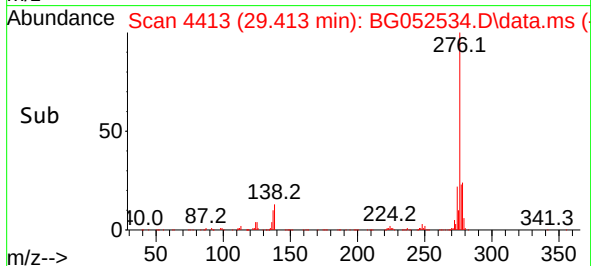
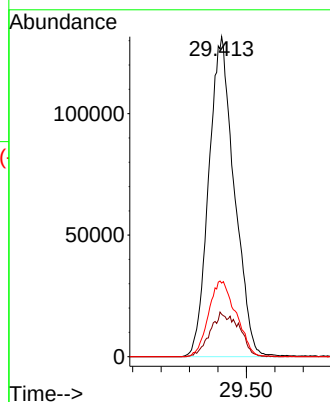
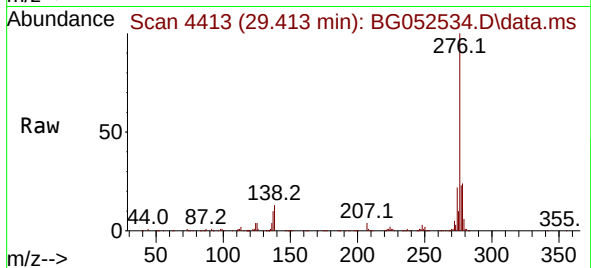
Tgt Ion:276 Resp: 821322

Ion Ratio Lower Upper

276 100

138 15.7 6.1 9.1#

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 48.513 ng

RT: 24.291 min Scan# 3541

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

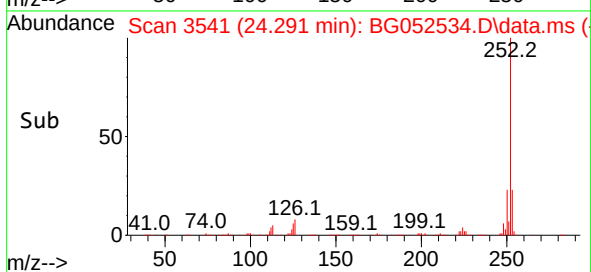
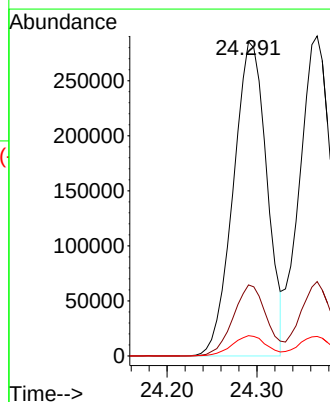
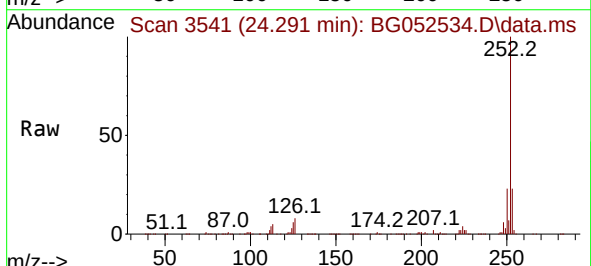
Tgt Ion:252 Resp: 740487

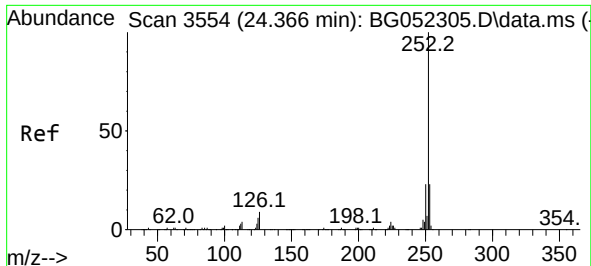
Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

125 6.5 5.4 8.2

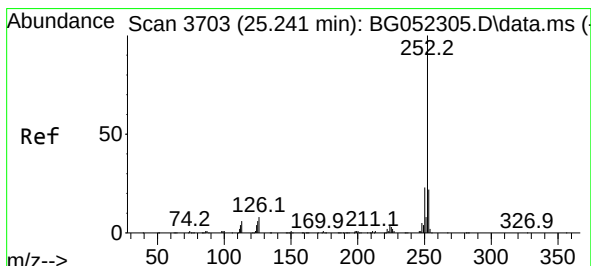
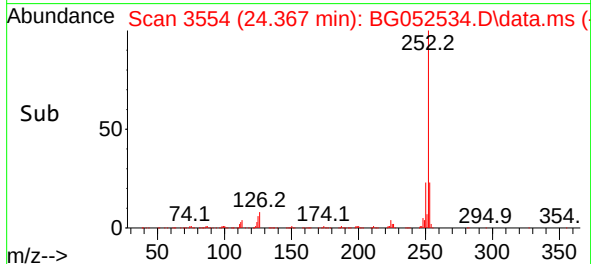
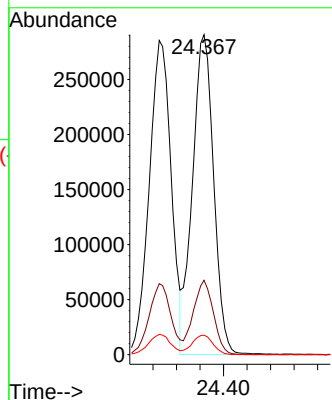
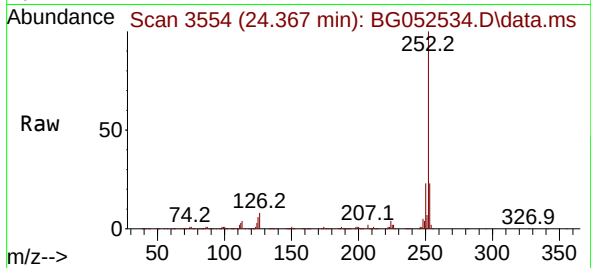




#89
Benzo(k)fluoranthene
Concen: 48.181 ng
RT: 24.367 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

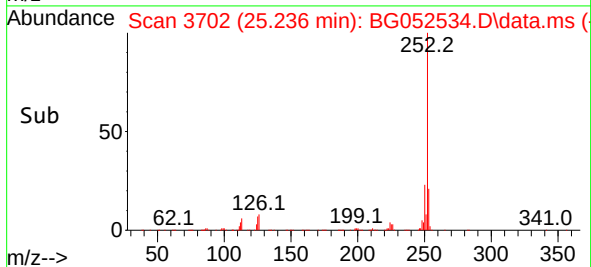
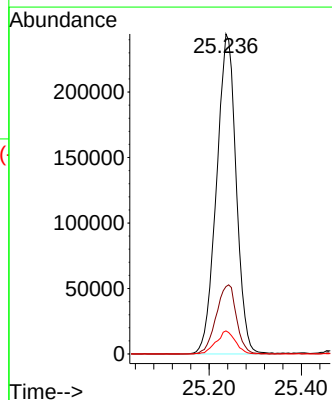
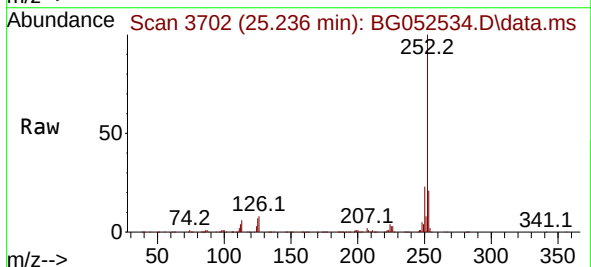
Instrument :
BNA_G
ClientSampleId :
PB142974BSD

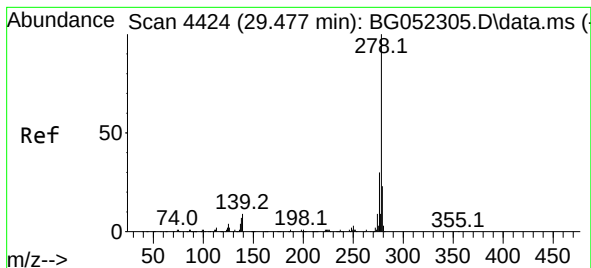
Tgt Ion:252 Resp: 726494
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 6.1 4.6 7.0



#90
Benzo(a)pyrene
Concen: 55.874 ng
RT: 25.236 min Scan# 3702
Delta R.T. -0.005 min
Lab File: BG052534.D
Acq: 2 Mar 2022 12:20

Tgt Ion:252 Resp: 720420
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 7.2 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 47.266 ng

RT: 29.472 min Scan# 4424

Delta R.T. -0.005 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB142974BSD

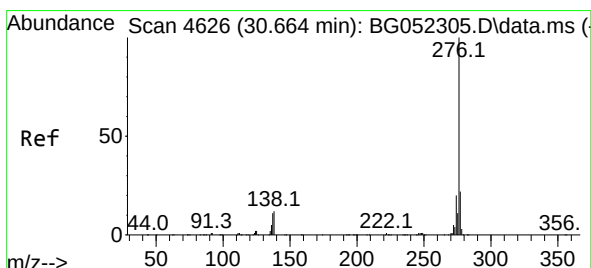
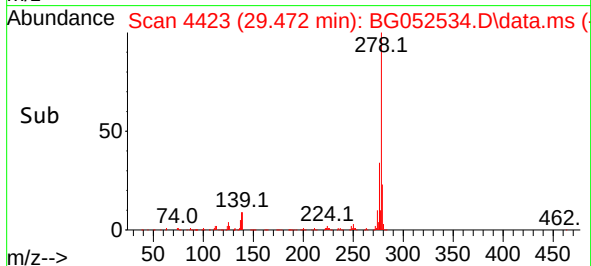
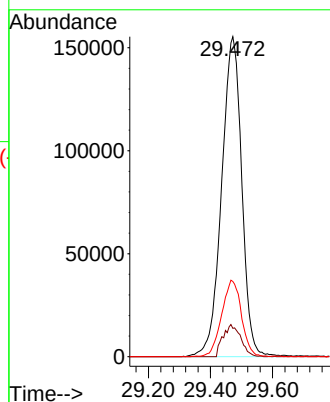
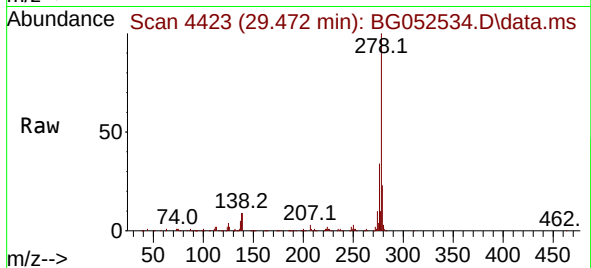
Tgt Ion:278 Resp: 699863

Ion Ratio Lower Upper

278 100

139 8.9 6.4 9.6

279 23.5 20.1 30.1



#92

Benzo(g,h,i)perylene

Concen: 47.891 ng

RT: 30.664 min Scan# 4626

Delta R.T. 0.001 min

Lab File: BG052534.D

Acq: 2 Mar 2022 12:20

Tgt Ion:276 Resp: 695916

Ion Ratio Lower Upper

276 100

277 24.2 18.2 27.2

138 13.0 9.1 13.7

