

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053539.D
 Acq On : 13 May 2022 12:23
 Operator : CG/JU
 Sample : N2749-19MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

Quant Time: May 14 03:12:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	25742	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	106642	20.000	ng	0.00
39) Acenaphthene-d10	14.713	164	82605	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	197274	20.000	ng	0.00
76) Chrysene-d12	21.739	240	191727	20.000	ng	0.00
86) Perylene-d12	25.011	264	209888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	171525	113.084	ng	0.00
7) Phenol-d6	7.247	99	259660	112.799	ng	0.00
23) Nitrobenzene-d5	9.244	82	178083	71.086	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	133026	109.187	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	407997	72.175	ng	0.00
79) Terphenyl-d14	20.059	244	750555	72.910	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	30507	38.333	ng	95
3) Pyridine	3.928	79	74999	38.588	ng	98
4) n-Nitrosodimethylamine	3.840	42	45922	48.504	ng	96
6) Aniline	7.406	93	75034	29.430	ng	97
8) 2-Chlorophenol	7.652	128	84731	53.436	ng	96
9) Benzaldehyde	7.218	77	54922	37.556	ng	93
10) Phenol	7.276	94	120278	53.424	ng	94
11) bis(2-Chloroethyl)ether	7.494	93	80767	48.101	ng	97
12) 1,3-Dichlorobenzene	7.975	146	90894	48.590	ng	94
13) 1,4-Dichlorobenzene	8.116	146	90980	48.197	ng	97
14) 1,2-Dichlorobenzene	8.440	146	87508	49.367	ng	99
15) Benzyl Alcohol	8.322	79	100637	52.292	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.604	45	130135	47.619	ng	97
17) 2-Methylphenol	8.528	107	79844	52.470	ng	93
18) Hexachloroethane	9.168	117	34230	47.751	ng	99
19) n-Nitroso-di-n-propyla...	8.886	70	78949	47.800	ng	98
20) 3+4-Methylphenols	8.857	107	108871	50.658	ng	95
22) Acetophenone	8.904	105	136297	46.699	ng	# 100
24) Nitrobenzene	9.291	77	119526	49.295	ng	99
25) Isophorone	9.808	82	218149	51.742	ng	99
26) 2-Nitrophenol	10.002	139	49493	50.398	ng	98
27) 2,4-Dimethylphenol	10.061	122	87807	59.412	ng	96
28) bis(2-Chloroethoxy)met...	10.290	93	116423	48.013	ng	96
29) 2,4-Dichlorophenol	10.548	162	96675	54.199	ng	94
30) 1,2,4-Trichlorobenzene	10.760	180	99427	49.060	ng	97
31) Naphthalene	10.948	128	267622	49.335	ng	97
32) Benzoic acid	10.231	122	46804	50.192	ng	91
33) 4-Chloroaniline	11.054	127	31955	14.066	ng	# 94
34) Hexachlorobutadiene	11.230	225	70496	46.910	ng	97
35) Caprolactam	11.823	113	17363	26.787	ng	96
36) 4-Chloro-3-methylphenol	12.176	107	111437	52.229	ng	99
37) 2-Methylnaphthalene	12.546	142	191923	47.409	ng	99
38) 1-Methylnaphthalene	12.763	142	187673	47.515	ng	97
40) 1,2,4,5-Tetrachloroben...	12.916	216	129238	49.634	ng	99
41) Hexachlorocyclopentadiene	12.892	237	104689	96.641	ng	98
43) 2,4,6-Trichlorophenol	13.151	196	88360	51.987	ng	96

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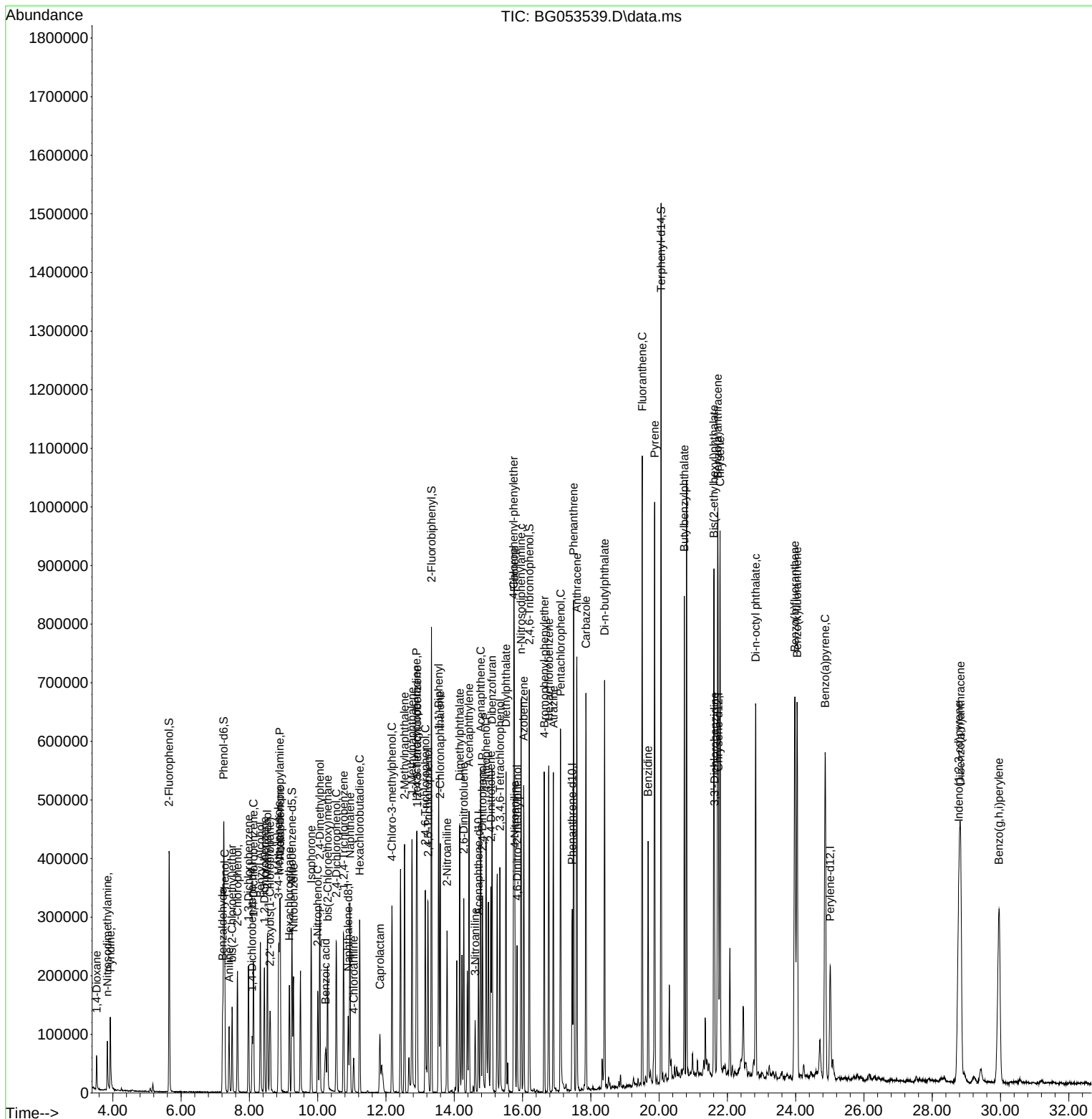
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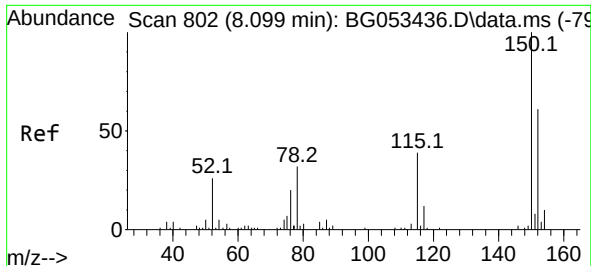
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	95680	52.893	ng	99
46) 1,1'-Biphenyl	13.544	154	274431	48.739	ng	98
47) 2-Chloronaphthalene	13.591	162	214823	48.696	ng	99
48) 2-Nitroaniline	13.791	65	85856	52.230	ng	98
49) Acenaphthylene	14.437	152	367462	52.199	ng	99
50) Dimethylphthalate	14.161	163	294455	46.909	ng	99
51) 2,6-Dinitrotoluene	14.279	165	63106	49.345	ng	96
52) Acenaphthene	14.778	154	205149	48.900	ng	99
53) 3-Nitroaniline	14.614	138	30341	21.958	ng	97
54) 2,4-Dinitrophenol	14.825	184	79553	96.593	ng	95
55) Dibenzofuran	15.107	168	354270	47.014	ng	98
56) 4-Nitrophenol	14.931	139	104498	105.880	ng	93
57) 2,4-Dinitrotoluene	15.072	165	92898	50.114	ng	89
58) Fluorene	15.759	166	290357	48.016	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.342	232	91149	49.663	ng	98
60) Diethylphthalate	15.518	149	301567	46.508	ng	99
61) 4-Chlorophenyl-phenyle...	15.741	204	161268	47.792	ng	99
62) 4-Nitroaniline	15.777	138	62003	43.262	ng	99
63) Azobenzene	16.035	77	310615	46.781	ng	99
65) 4,6-Dinitro-2-methylph...	15.841	198	57483	48.901	ng	97
66) n-Nitrosodiphenylamine	15.959	169	257631	49.741	ng	98
67) 4-Bromophenyl-phenylether	16.640	248	111905	48.571	ng	95
68) Hexachlorobenzene	16.769	284	127674	50.599	ng	97
69) Atrazine	16.905	200	112523	51.605	ng	96
70) Pentachlorophenol	17.116	266	136834	99.496	ng	93
71) Phenanthrene	17.498	178	536240	53.458	ng	98
72) Anthracene	17.592	178	500254	50.738	ng	99
73) Carbazole	17.856	167	450598	46.631	ng	99
74) Di-n-butylphthalate	18.403	149	508274	46.769	ng	100
75) Fluoranthene	19.507	202	685818	52.803	ng	98
77) Benzidine	19.677	184	255263	61.771	ng	99
78) Pyrene	19.871	202	683882	55.101	ng	100
80) Butylbenzylphthalate	20.741	149	228683	50.247	ng	96
81) Benzo(a)anthracene	21.716	228	669502	54.748	ng	98
82) 3,3'-Dichlorobenzidine	21.622	252	90259	29.106	ng	99
83) Chrysene	21.786	228	611707	53.559	ng	99
84) Bis(2-ethylhexyl)phtha...	21.604	149	325897	51.880	ng	99
85) Di-n-octyl phthalate	22.832	149	558599	52.587	ng	99
87) Indeno(1,2,3-cd)pyrene	28.783	276	761281	52.077	ng	# 95
88) Benzo(b)fluoranthene	23.977	252	769823	61.964	ng	99
89) Benzo(k)fluoranthene	24.042	252	631380	51.718	ng	98
90) Benzo(a)pyrene	24.864	252	681655	64.463	ng	99
91) Dibenzo(a,h)anthracene	28.830	278	621495	51.596	ng	99
92) Benzo(g,h,i)perylene	29.957	276	667861	55.935	ng	96

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

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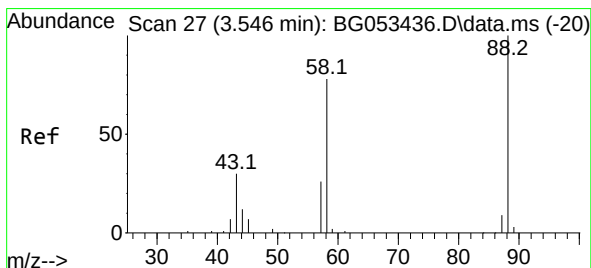
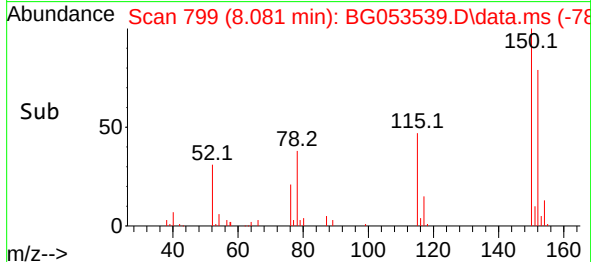
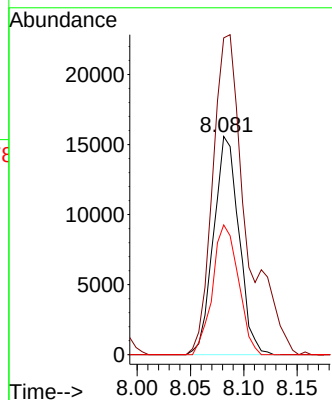
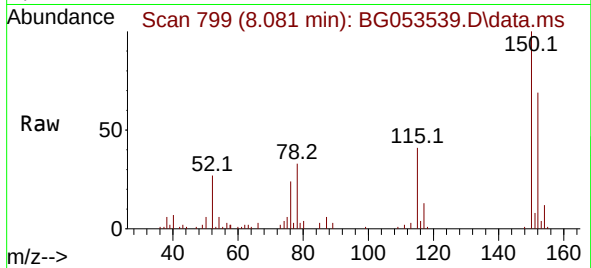




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.081 min Scan# 79
 Delta R.T. -0.008 min
 Lab File: BG053539.D
 Acq: 13 May 2022 12:23

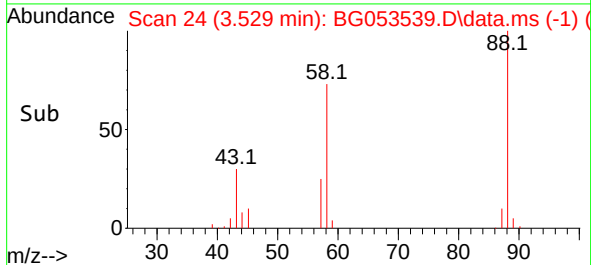
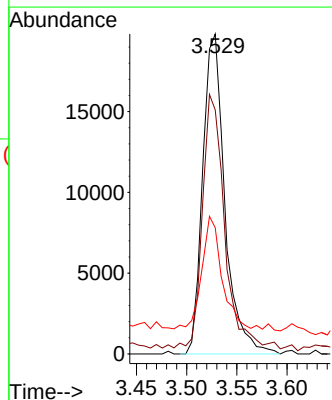
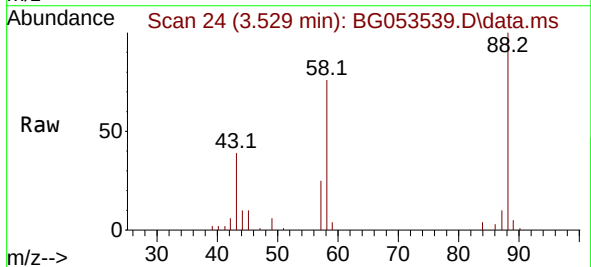
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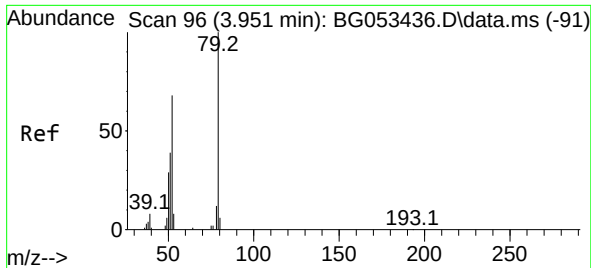
Tgt Ion:152 Resp: 25742
 Ion Ratio Lower Upper
 152 100
 150 145.2 131.6 197.4
 115 59.5 50.9 76.3



#2
 1,4-Dioxane
 Concen: 38.333 ng
 RT: 3.529 min Scan# 24
 Delta R.T. -0.008 min
 Lab File: BG053539.D
 Acq: 13 May 2022 12:23

Tgt Ion: 88 Resp: 30507
 Ion Ratio Lower Upper
 88 100
 58 78.9 59.2 88.8
 43 31.6 24.3 36.5





#3

Pyridine

Concen: 38.588 ng

RT: 3.928 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

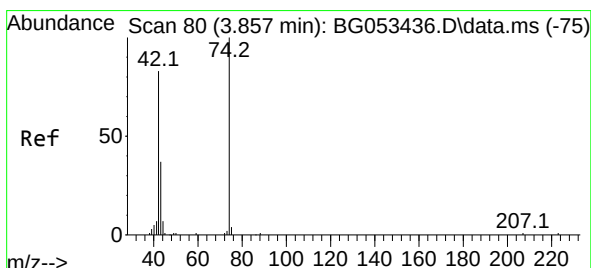
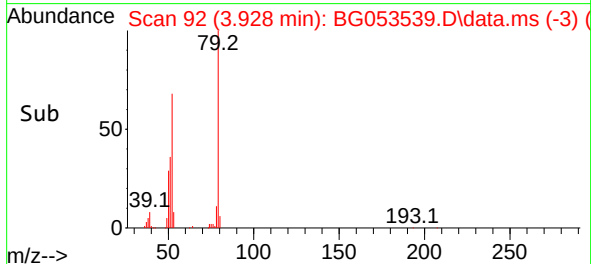
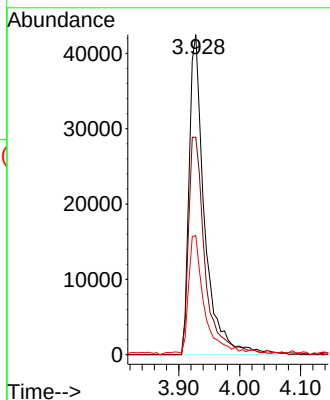
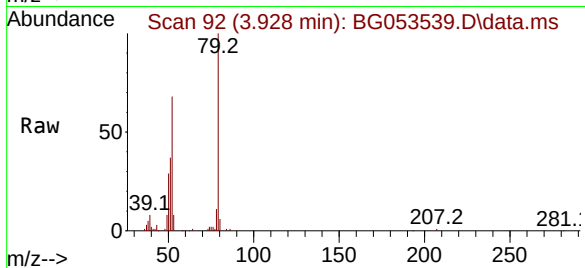
Tgt Ion: 79 Resp: 74999

Ion Ratio Lower Upper

79 100

52 67.9 54.6 81.8

51 37.2 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 48.504 ng

RT: 3.840 min Scan# 77

Delta R.T. -0.008 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

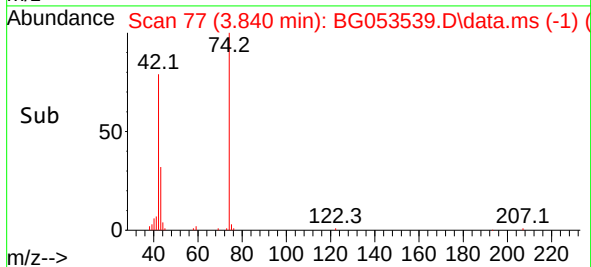
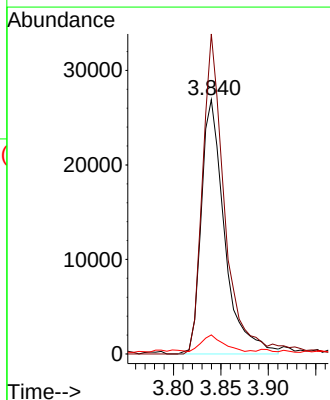
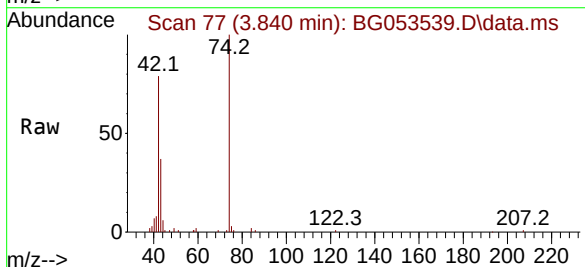
Tgt Ion: 42 Resp: 45922

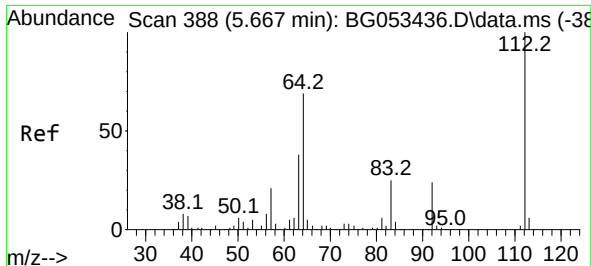
Ion Ratio Lower Upper

42 100

74 125.8 97.0 145.4

44 7.5 7.0 10.4

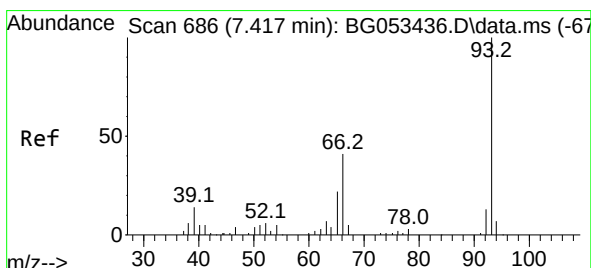
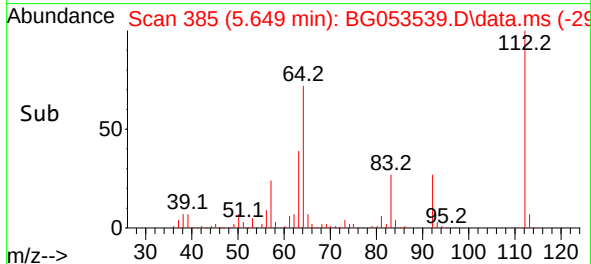
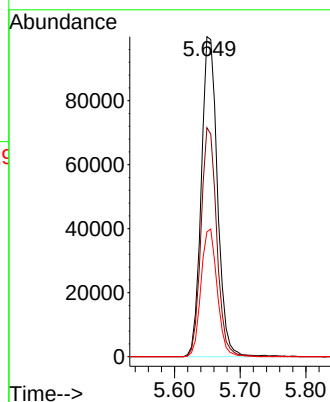
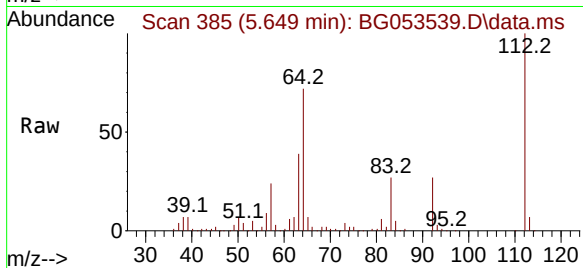




#5
2-Fluorophenol
Concen: 113.084 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

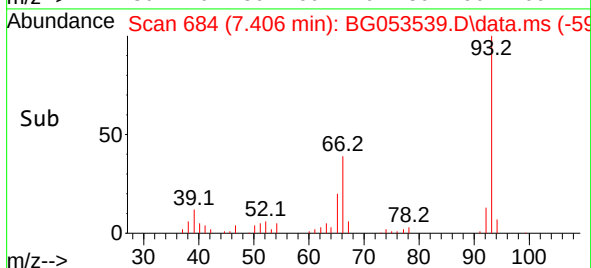
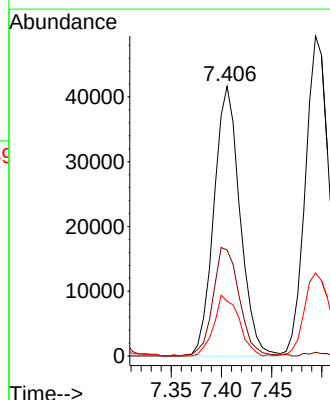
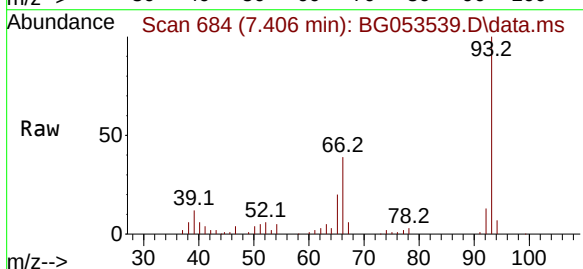
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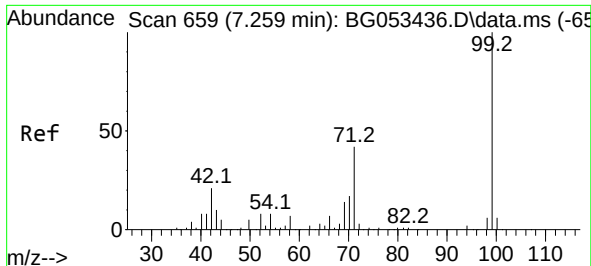
Tgt Ion:112 Resp: 171525
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 39.0 30.4 45.6



#6
Aniline
Concen: 29.430 ng
RT: 7.406 min Scan# 684
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion: 93 Resp: 75034
Ion Ratio Lower Upper
93 100
66 39.3 32.9 49.3
65 20.3 17.8 26.8

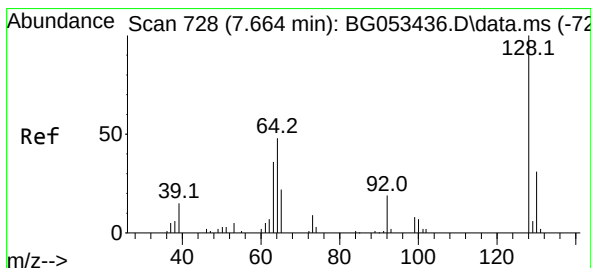
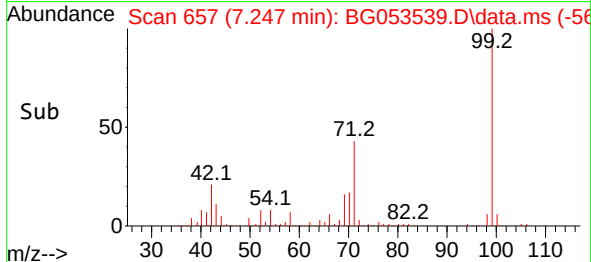
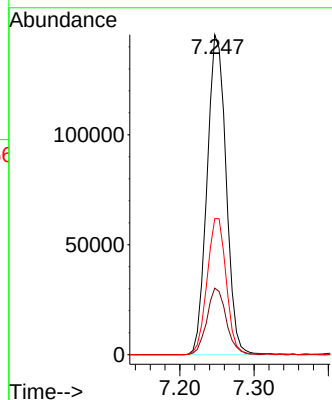
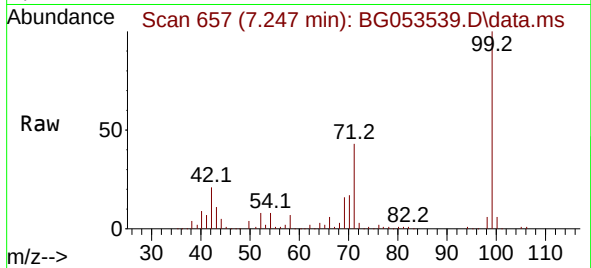




#7
Phenol-d6
Concen: 112.799 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

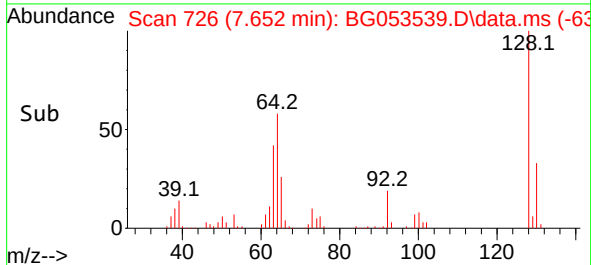
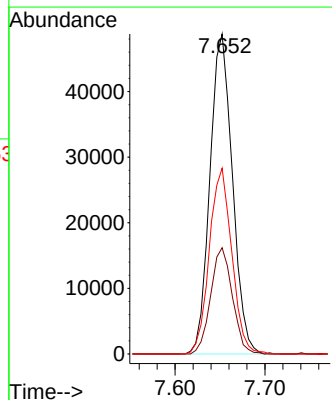
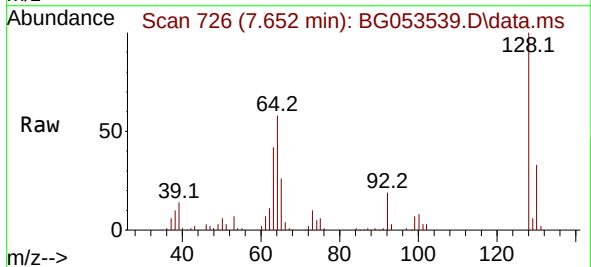
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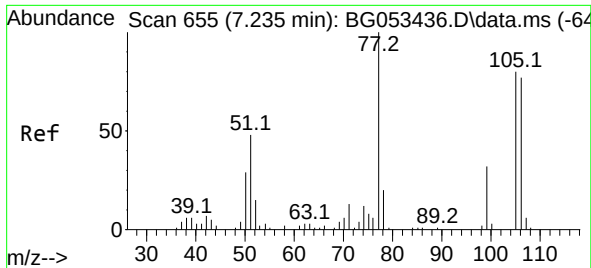
Tgt Ion: 99 Resp: 259660
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 42.5 33.8 50.8



#8
2-Chlorophenol
Concen: 53.436 ng
RT: 7.652 min Scan# 726
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion: 128 Resp: 84731
Ion Ratio Lower Upper
128 100
130 33.2 10.5 50.5
64 58.0 35.1 75.1

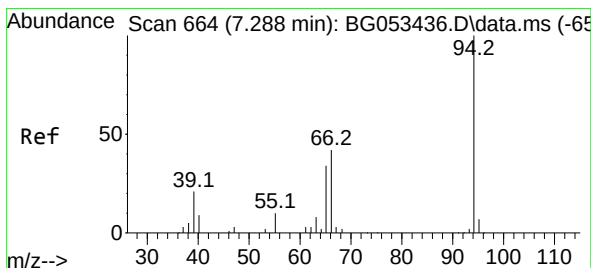
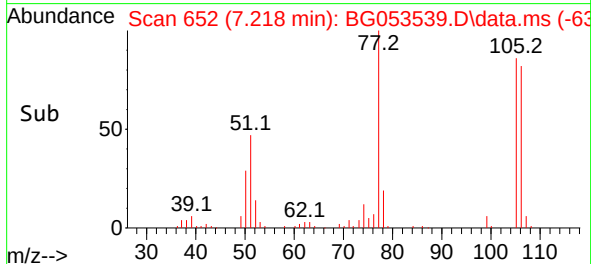
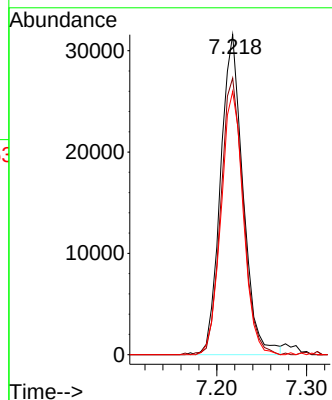
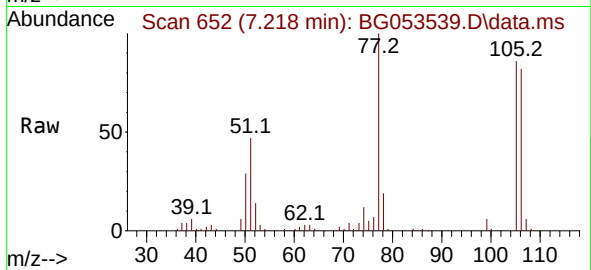




#9
Benzaldehyde
Concen: 37.556 ng
RT: 7.218 min Scan# 611
Delta R.T. -0.008 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

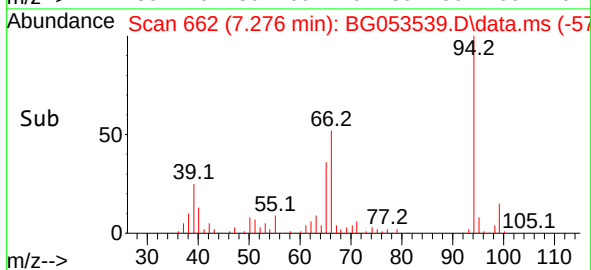
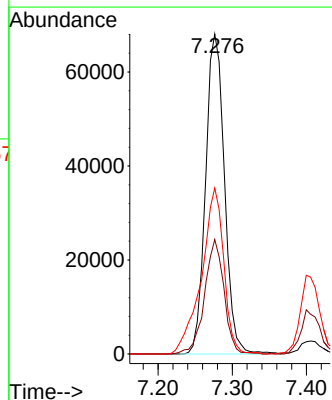
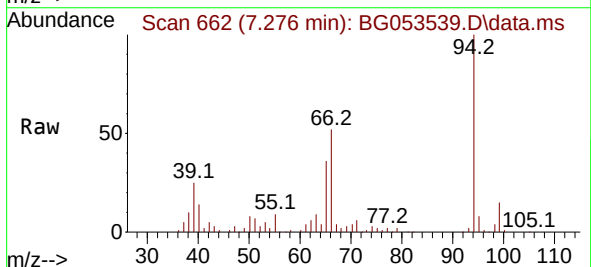
Instrument :
BNA_G
ClientSampleId :
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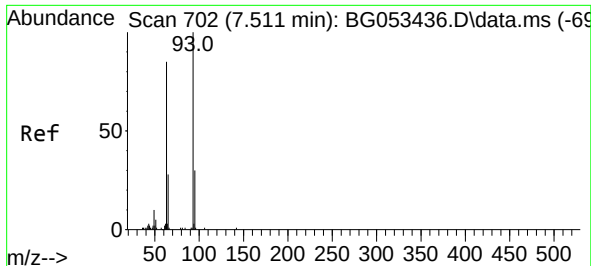
Tgt Ion: 77 Resp: 54922
Ion Ratio Lower Upper
77 100
105 86.5 59.6 99.6
106 82.3 56.8 96.8



#10
Phenol
Concen: 53.424 ng
RT: 7.276 min Scan# 662
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion: 94 Resp: 120278
Ion Ratio Lower Upper
94 100
65 35.8 14.8 54.8
66 51.8 25.2 65.2

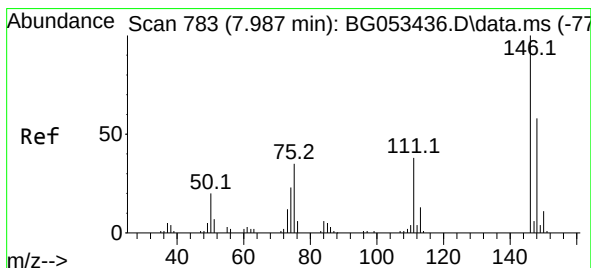
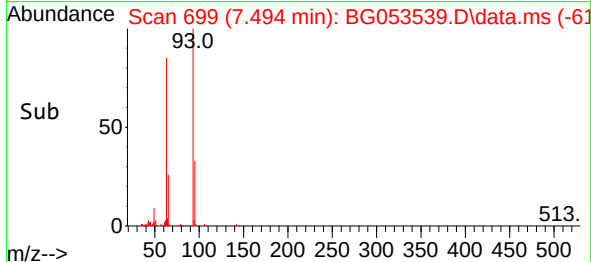
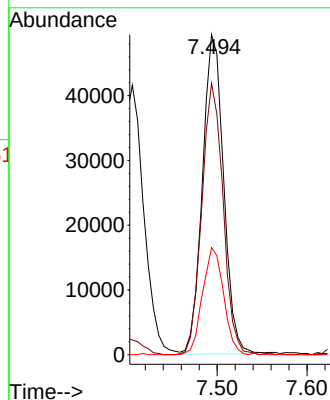
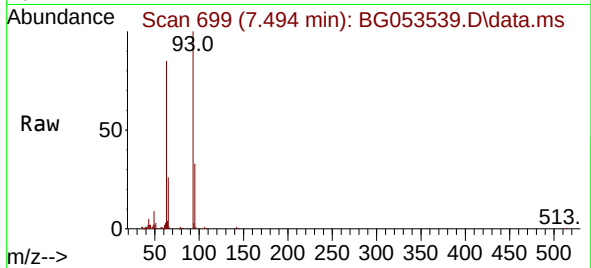




#11
bis(2-Chloroethyl)ether
Concen: 48.101 ng
RT: 7.494 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

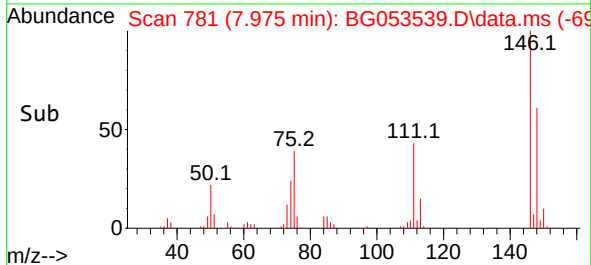
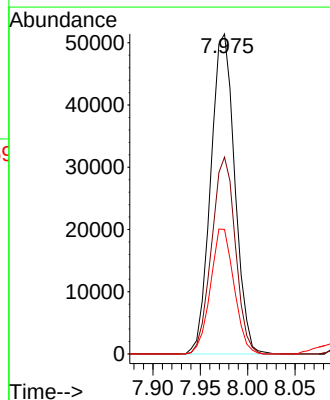
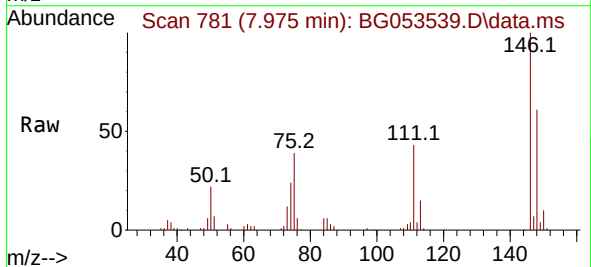
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

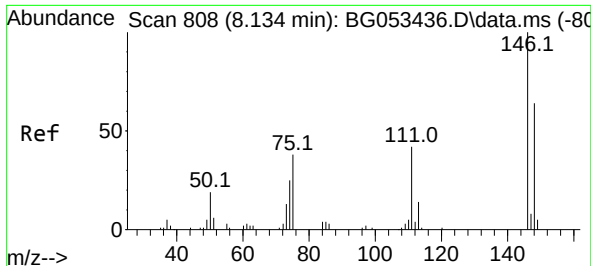
Tgt Ion: 93 Resp: 80767
Ion Ratio Lower Upper
93 100
63 84.8 63.6 103.6
95 33.4 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 48.590 ng
RT: 7.975 min Scan# 781
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion: 146 Resp: 90894
Ion Ratio Lower Upper
146 100
148 61.5 46.1 69.1
75 38.9 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 48.197 ng

RT: 8.116 min Scan# 80

Delta R.T. -0.008 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

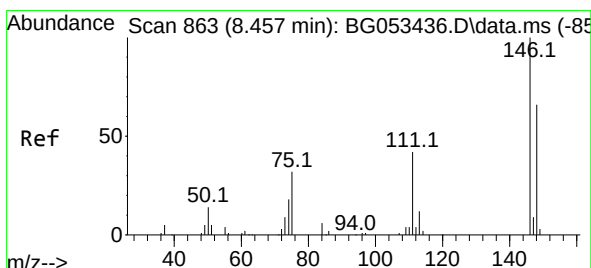
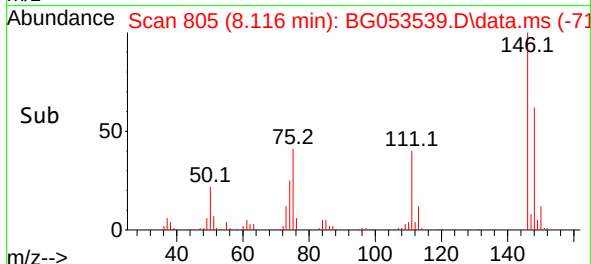
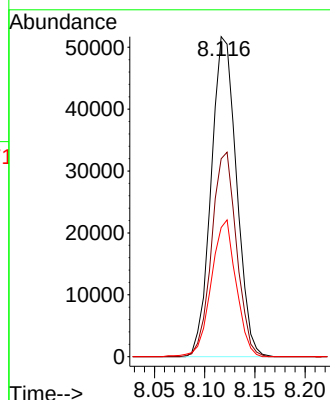
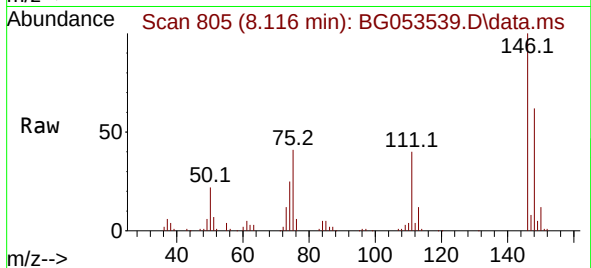
Tgt Ion:146 Resp: 90980

Ion Ratio Lower Upper

146 100

148 61.9 51.5 77.3

111 40.3 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 49.367 ng

RT: 8.440 min Scan# 860

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

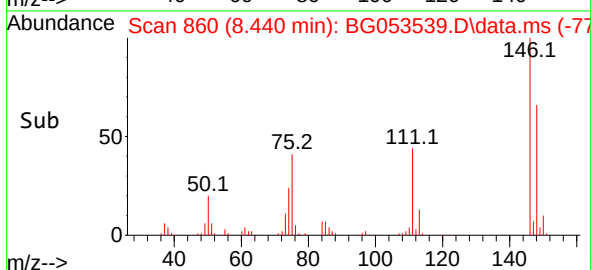
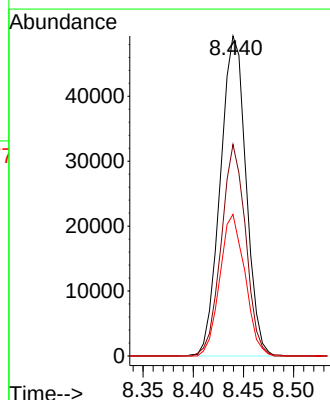
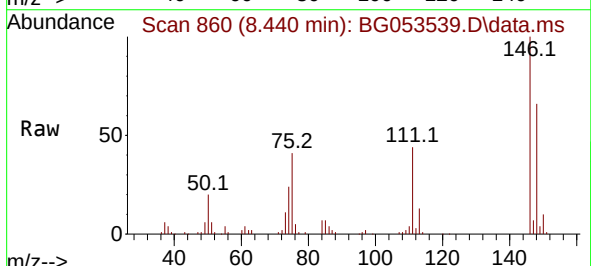
Tgt Ion:146 Resp: 87508

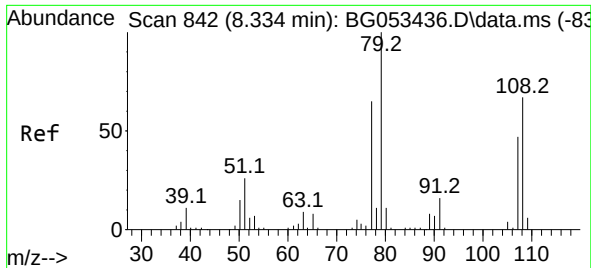
Ion Ratio Lower Upper

146 100

148 66.1 52.6 78.8

111 44.3 34.5 51.7

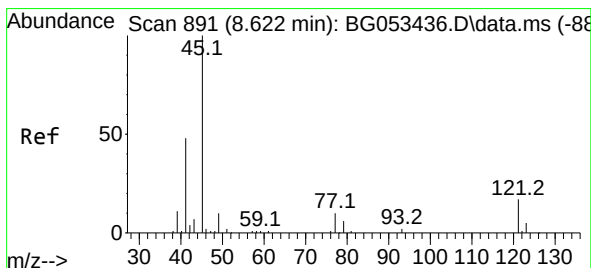
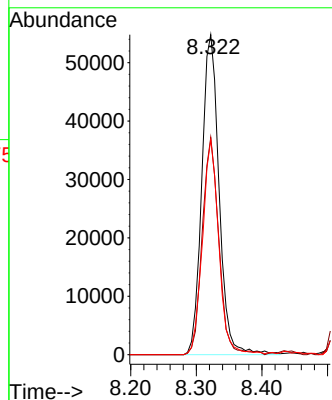
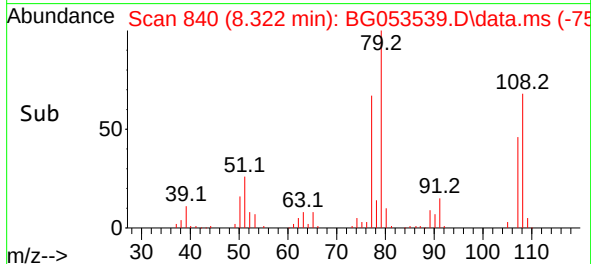
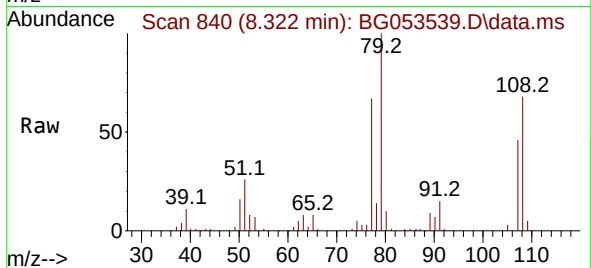




#15
Benzyl Alcohol
Concen: 52.292 ng
RT: 8.322 min Scan# 841
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

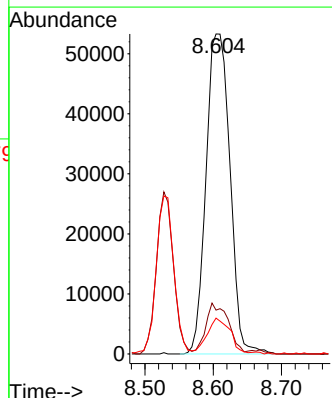
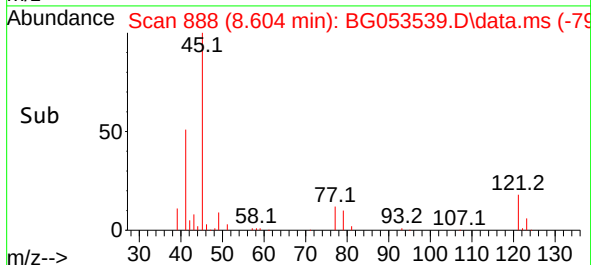
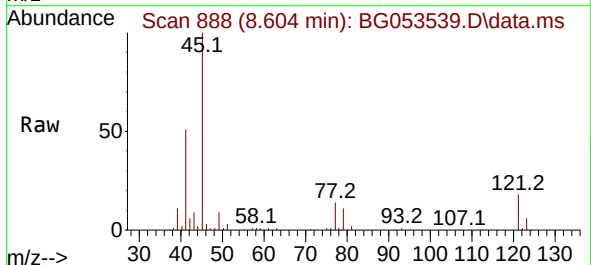
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

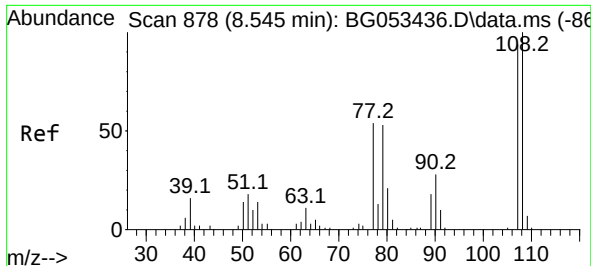
Tgt Ion: 79 Resp: 100637
Ion Ratio Lower Upper
79 100
108 67.9 53.7 80.5
77 67.3 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.619 ng
RT: 8.604 min Scan# 888
Delta R.T. -0.008 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion: 45 Resp: 130135
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.7
79 11.2 0.0 29.7

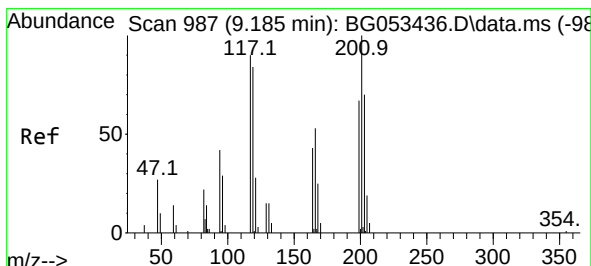
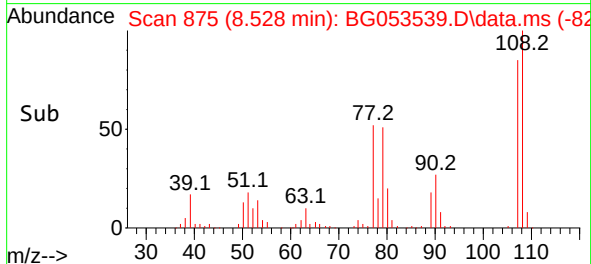
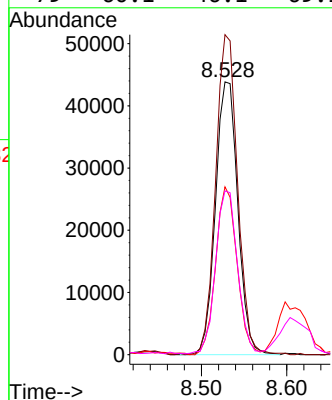
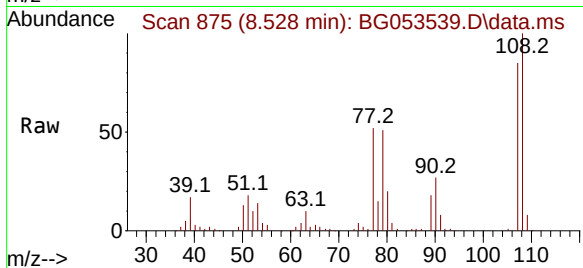




#17
2-Methylphenol
Concen: 52.470 ng
RT: 8.528 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

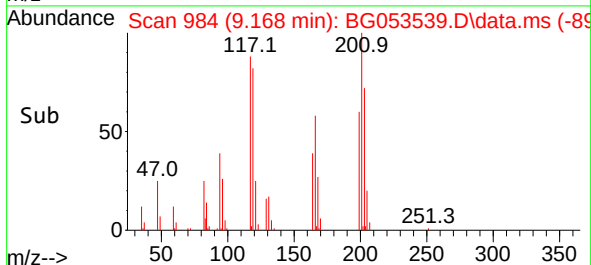
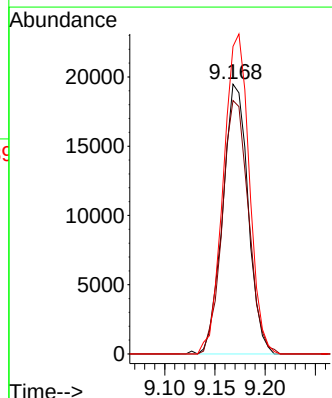
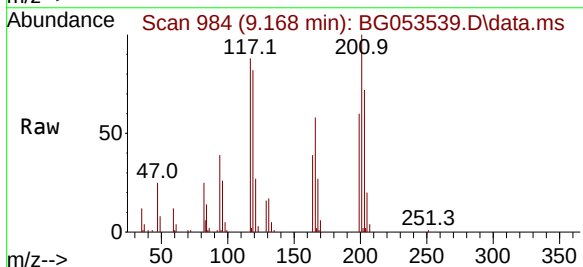
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

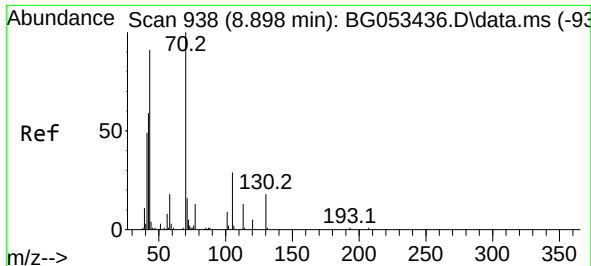
Tgt Ion:	107	Resp:	79844
Ion	Ratio	Lower	Upper
107	100		
108	117.3	85.4	128.0
77	61.5	46.2	69.2
79	60.1	46.1	69.1



#18
Hexachloroethane
Concen: 47.751 ng
RT: 9.168 min Scan# 984
Delta R.T. -0.008 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:	117	Resp:	34230
Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.0	112.6
201	114.0	89.0	133.6

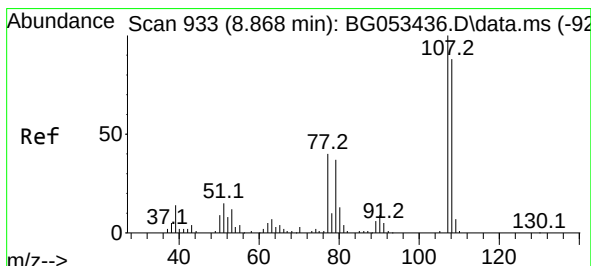
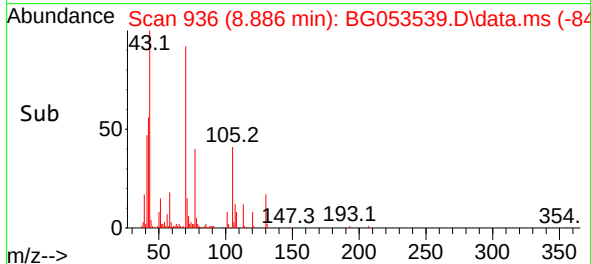
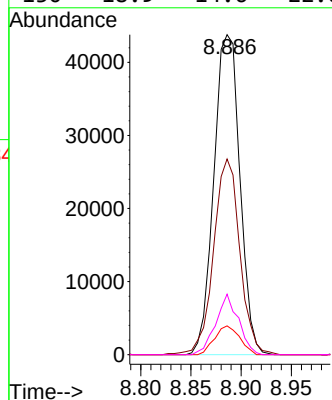
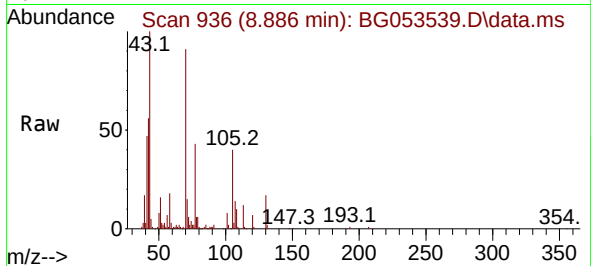




#19
n-Nitroso-di-n-propylamine
Concen: 47.800 ng
RT: 8.886 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

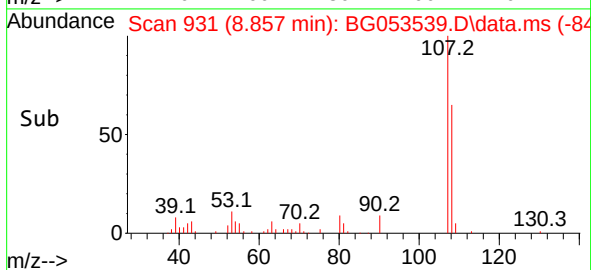
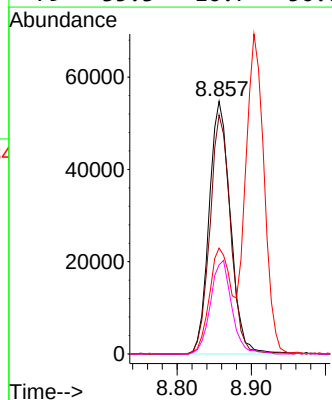
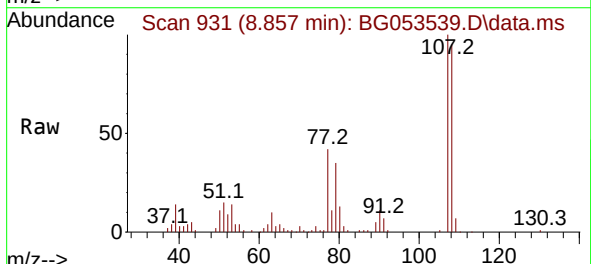
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

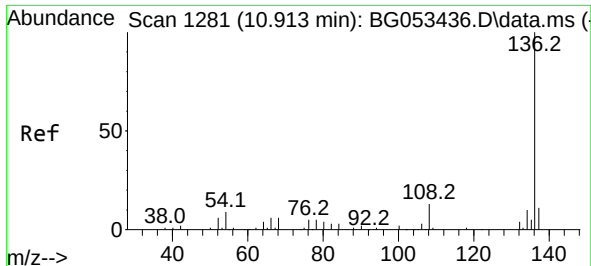
Tgt Ion: 70 Resp: 78949
Ion Ratio Lower Upper
70 100
42 61.2 47.3 70.9
101 9.0 7.0 10.4
130 18.9 14.6 22.0



#20
3+4-Methylphenols
Concen: 50.658 ng
RT: 8.857 min Scan# 931
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion: 107 Resp: 108871
Ion Ratio Lower Upper
107 100
108 94.6 67.5 107.5
77 41.9 20.3 60.3
79 35.3 16.7 56.7

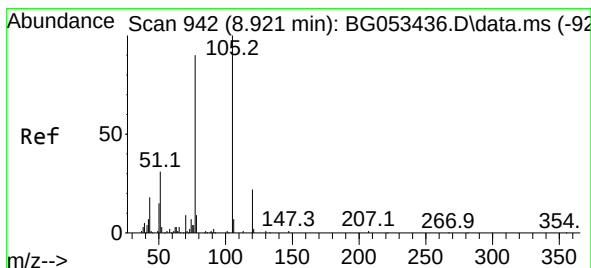
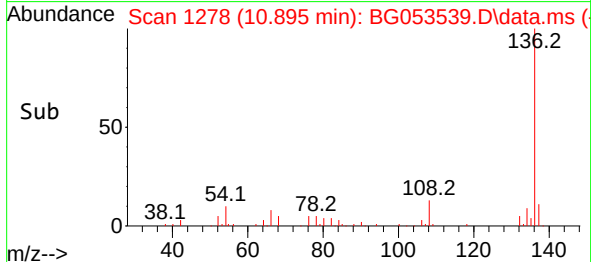
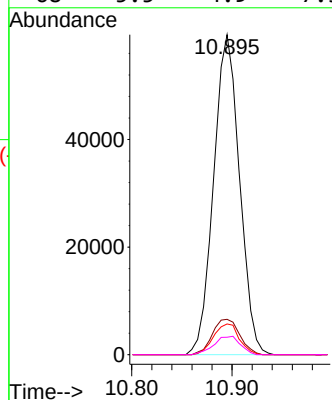
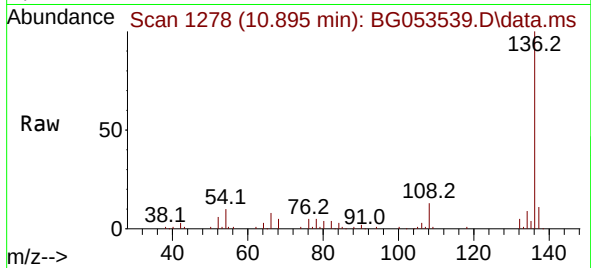




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.895 min Scan# 1278
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

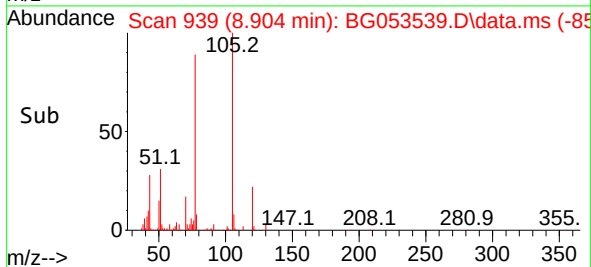
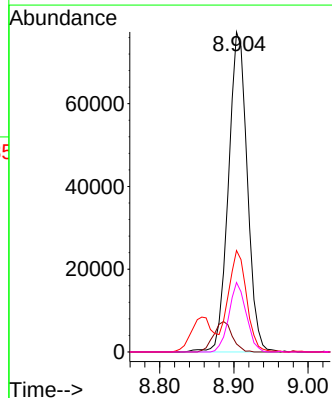
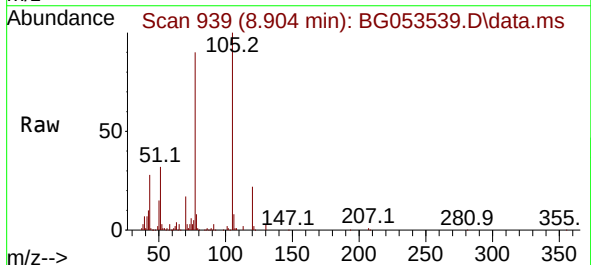
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

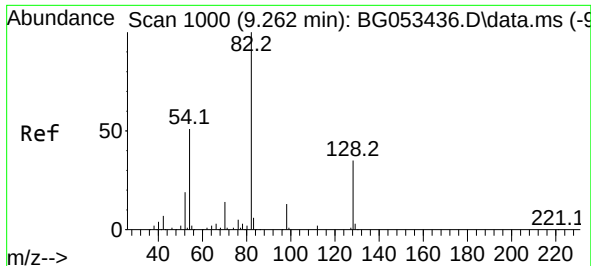
Tgt Ion:136 Resp: 106642
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.6 7.4 11.2
68 5.5 4.9 7.3



#22
Acetophenone
Concen: 46.699 ng
RT: 8.904 min Scan# 939
Delta R.T. -0.008 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:105 Resp: 136297
Ion Ratio Lower Upper
105 100
71 2.5 1.1 1.7#
51 31.7 25.4 38.0
120 21.7 17.3 25.9

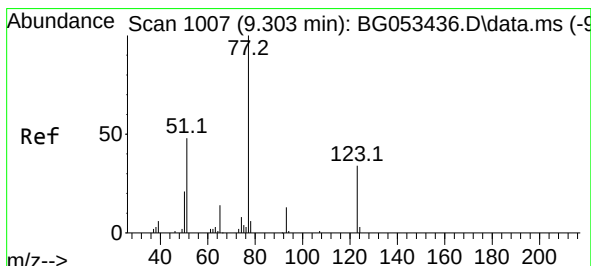
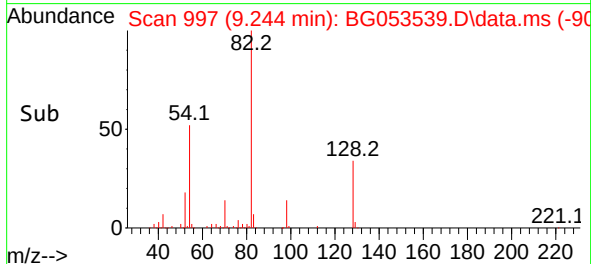
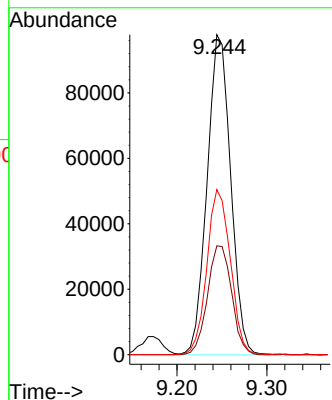
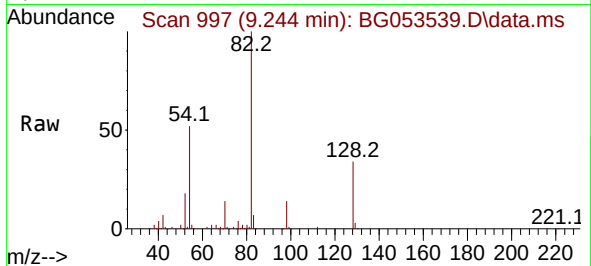




#23
Nitrobenzene-d5
Concen: 71.086 ng
RT: 9.244 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

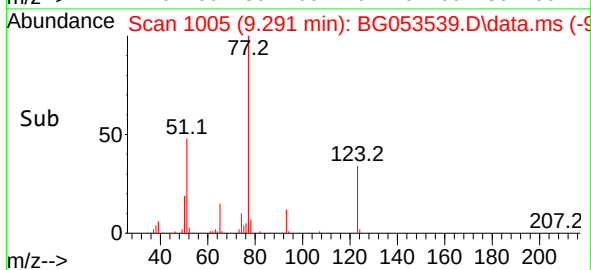
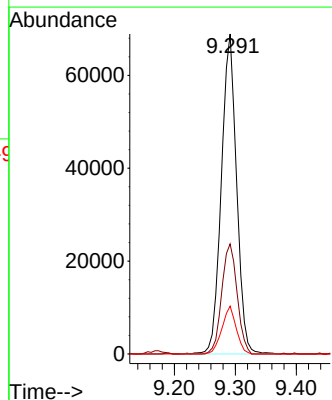
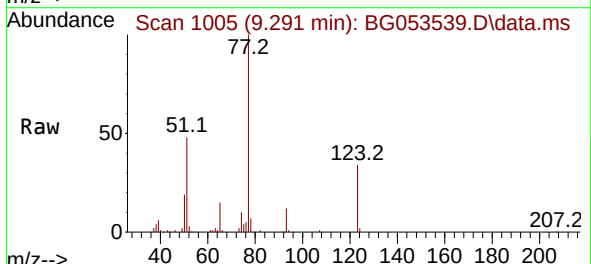
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

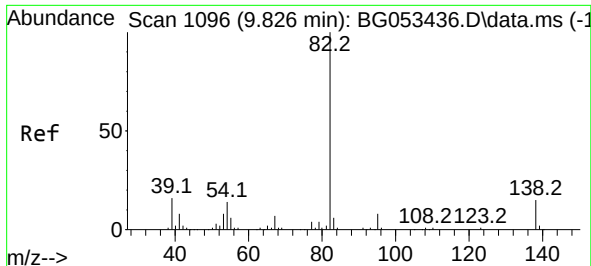
Tgt Ion: 82 Resp: 178083
Ion Ratio Lower Upper
82 100
128 34.0 27.9 41.9
54 51.6 41.2 61.8



#24
Nitrobenzene
Concen: 49.295 ng
RT: 9.291 min Scan# 1005
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion: 77 Resp: 119526
Ion Ratio Lower Upper
77 100
123 34.4 27.4 41.0
65 15.0 11.4 17.0

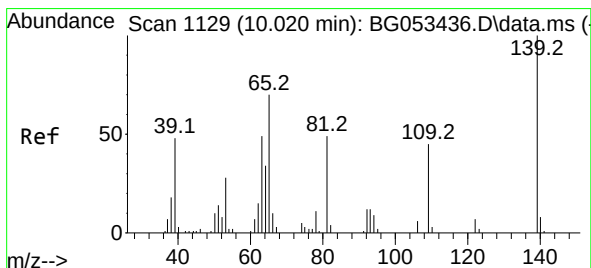
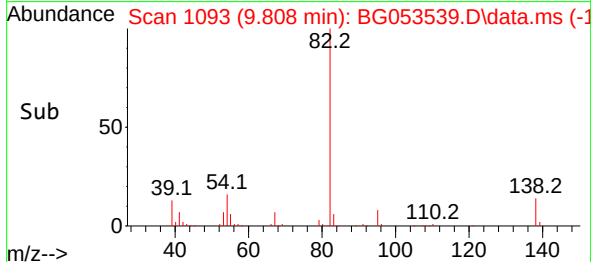
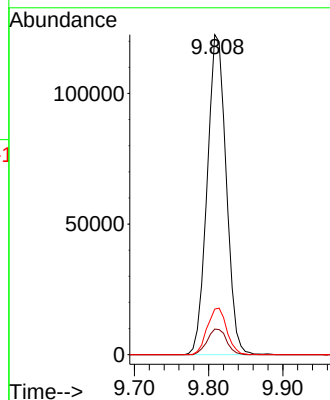
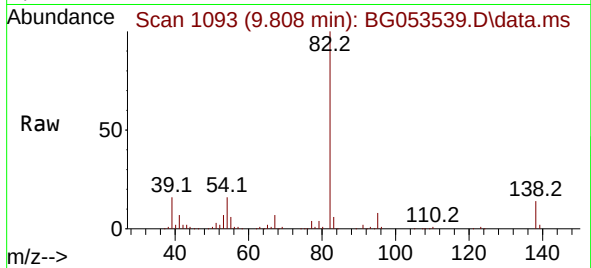




#25
Isophorone
Concen: 51.742 ng
RT: 9.808 min Scan# 1096
Delta R.T. -0.008 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

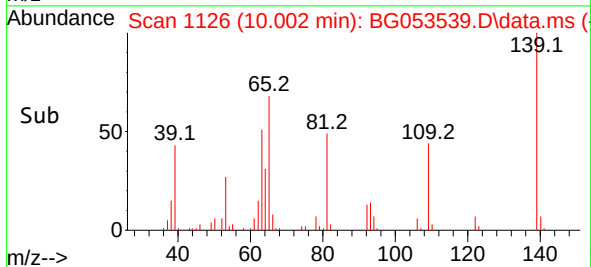
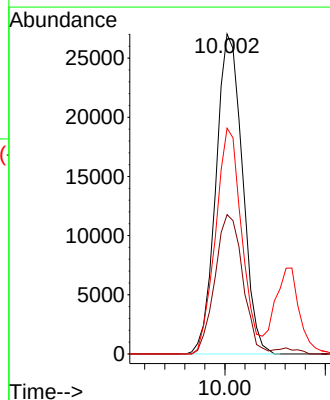
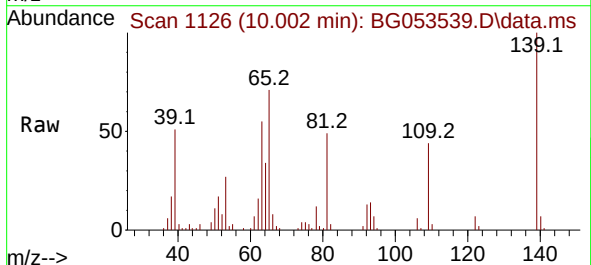
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

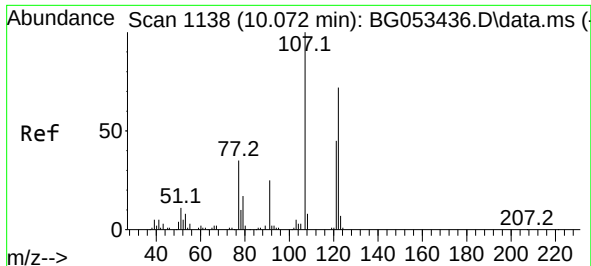
Tgt Ion: 82 Resp: 218149
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.4
138 14.3 11.6 17.4



#26
2-Nitrophenol
Concen: 50.398 ng
RT: 10.002 min Scan# 1126
Delta R.T. -0.008 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:139 Resp: 49493
Ion Ratio Lower Upper
139 100
109 43.5 36.1 54.1
65 70.6 55.8 83.6

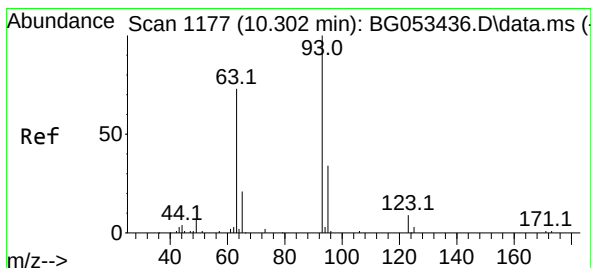
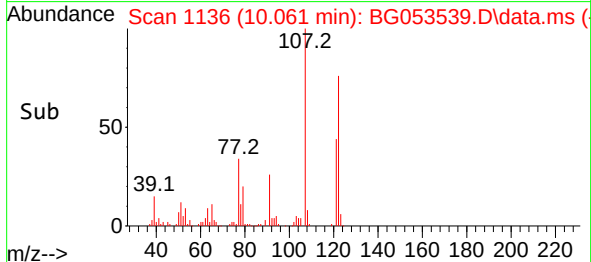
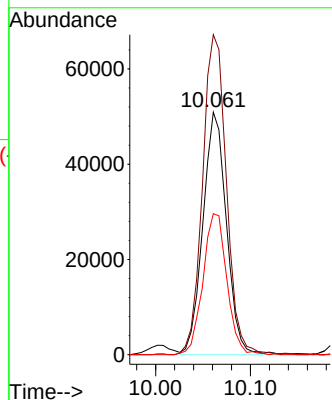
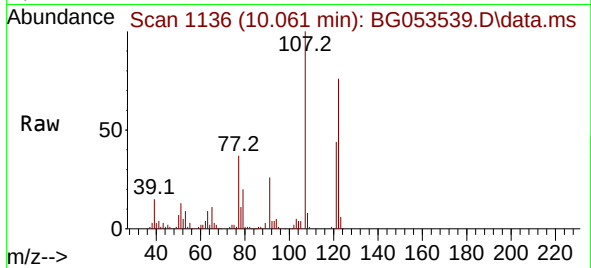




#27
2,4-Dimethylphenol
Concen: 59.412 ng
RT: 10.061 min Scan# 1136
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

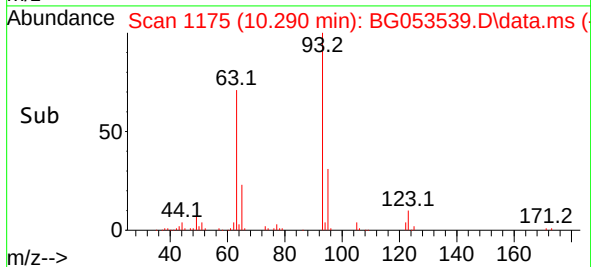
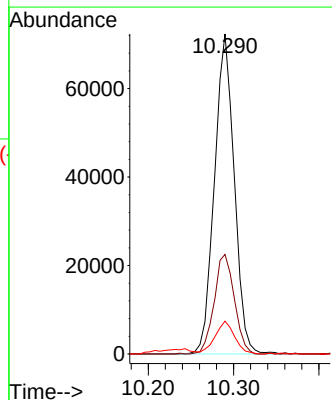
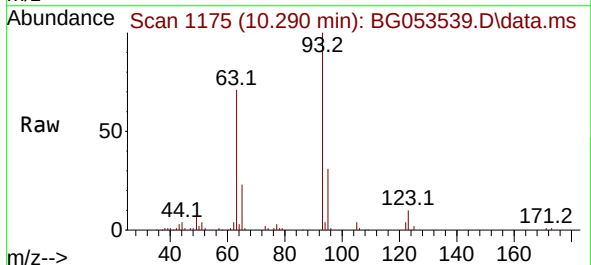
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

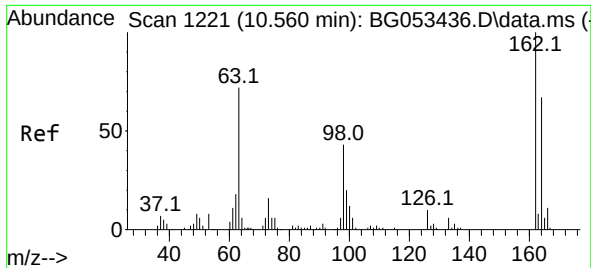
Tgt Ion:122 Resp: 87807
Ion Ratio Lower Upper
122 100
107 131.9 109.4 164.0
121 58.1 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 48.013 ng
RT: 10.290 min Scan# 1175
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion: 93 Resp: 116423
Ion Ratio Lower Upper
93 100
95 31.1 26.9 40.3
123 10.3 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 54.199 ng

RT: 10.548 min Scan# 1219

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

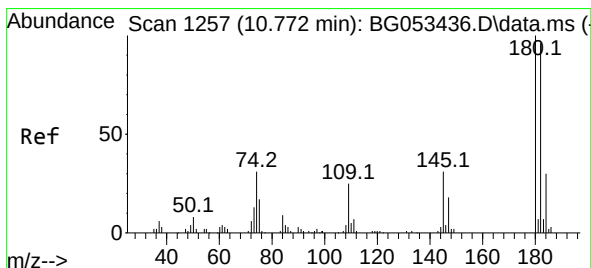
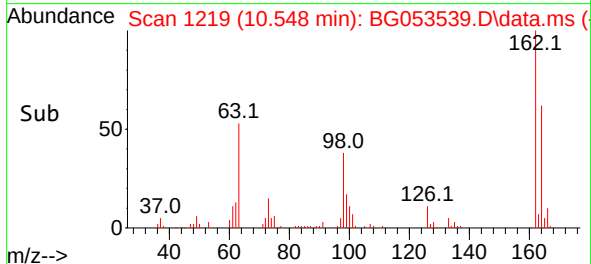
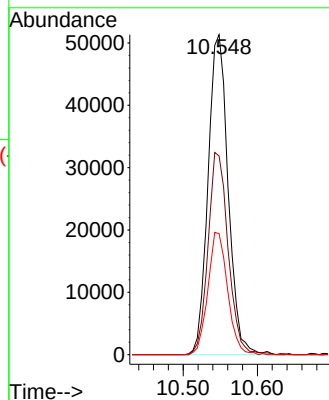
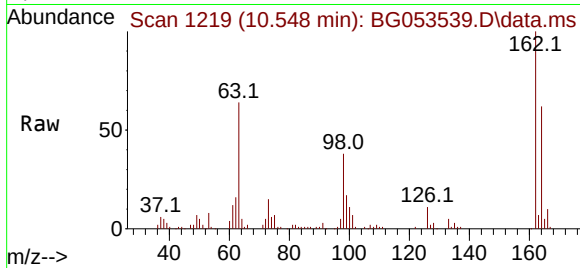
Tgt Ion:162 Resp: 96675

Ion Ratio Lower Upper

162 100

164 62.1 46.6 86.6

98 37.8 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 49.060 ng

RT: 10.760 min Scan# 1255

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

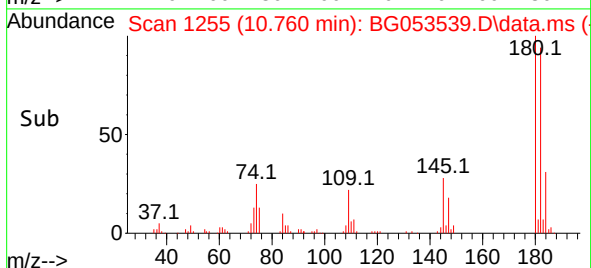
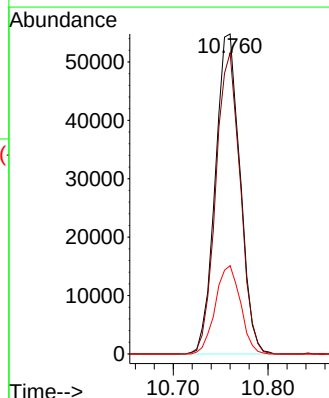
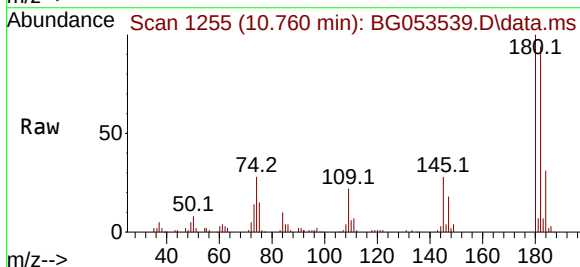
Tgt Ion:180 Resp: 99427

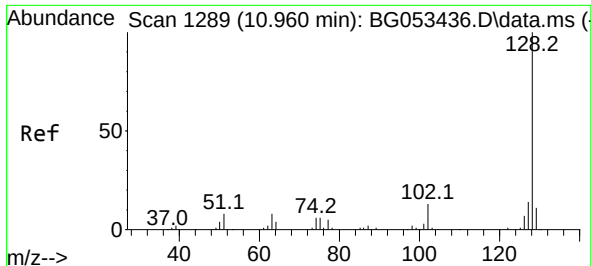
Ion Ratio Lower Upper

180 100

182 94.1 76.6 115.0

145 27.6 25.0 37.4

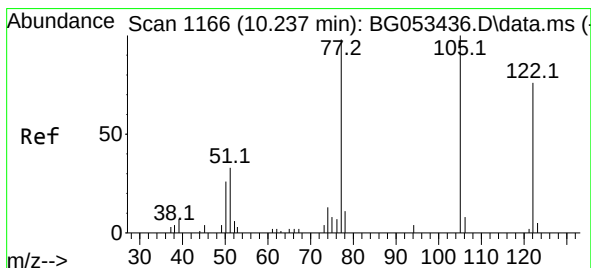
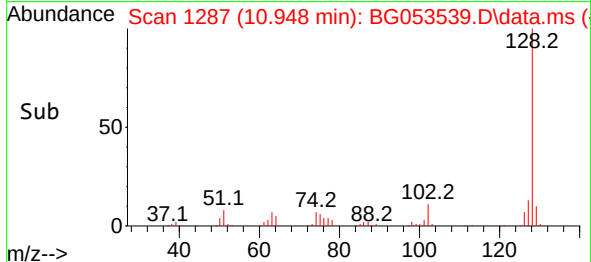
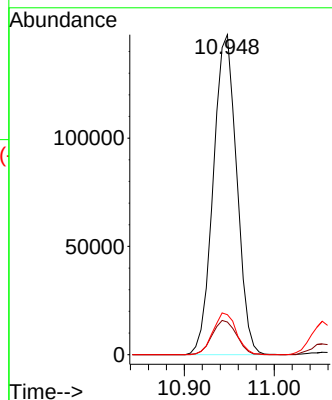
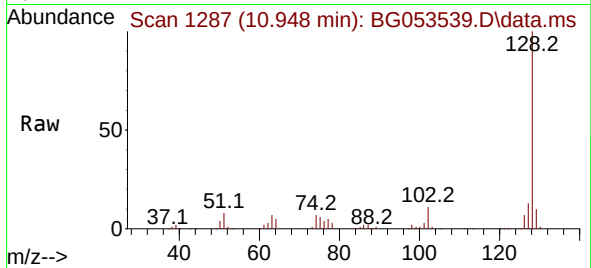




#31
Naphthalene
Concen: 49.335 ng
RT: 10.948 min Scan# 1165
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

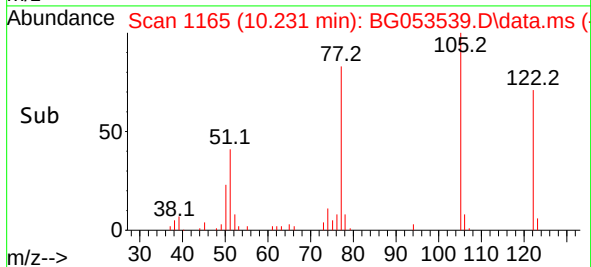
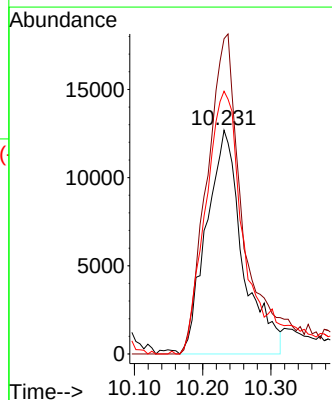
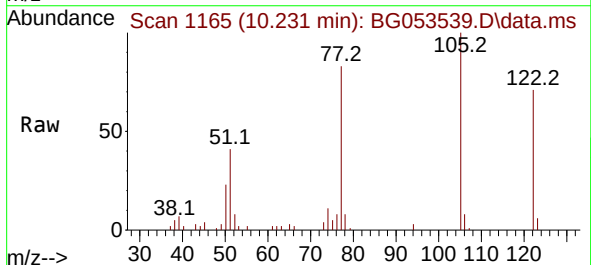
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

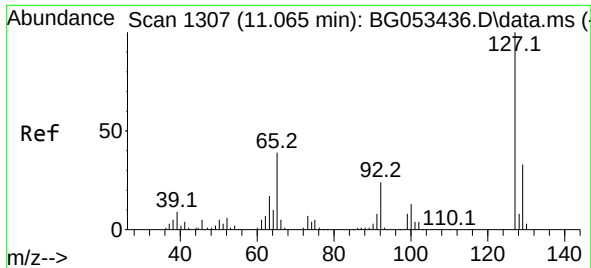
Tgt Ion:128 Resp: 267622
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.6
127 12.5 11.1 16.7



#32
Benzoic acid
Concen: 50.192 ng
RT: 10.231 min Scan# 1165
Delta R.T. -0.008 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:122 Resp: 46804
Ion Ratio Lower Upper
122 100
105 140.9 111.8 151.8
77 117.4 109.4 149.4

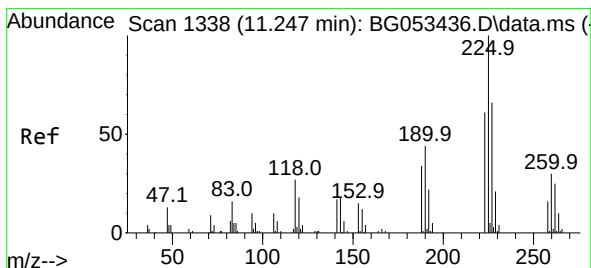
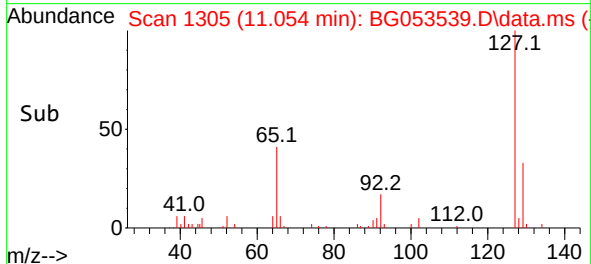
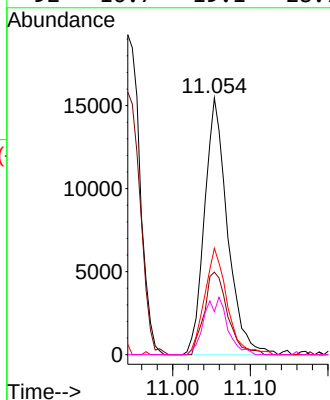
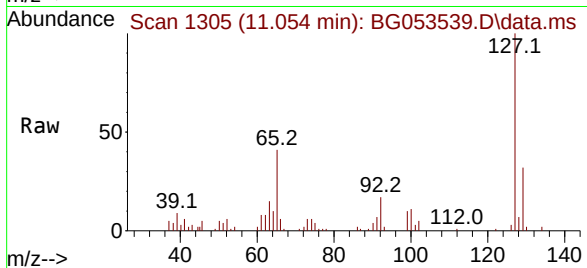




#33
4-Chloroaniline
Concen: 14.066 ng
RT: 11.054 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

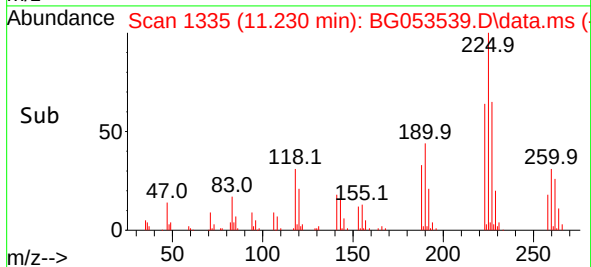
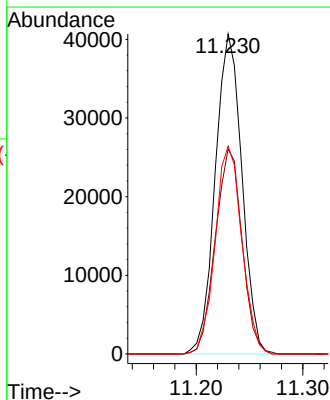
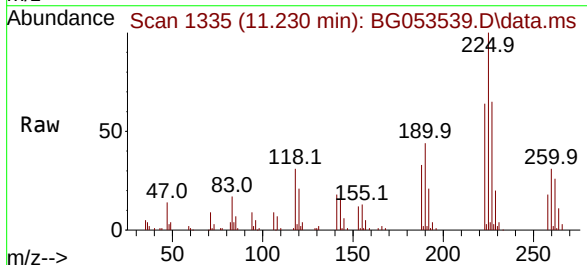
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

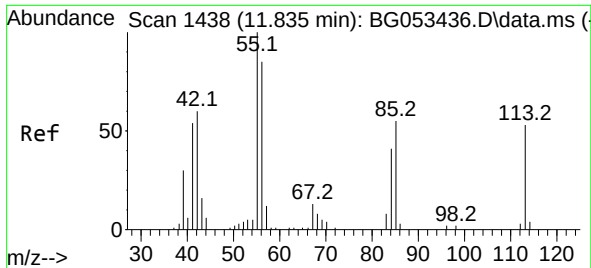
Tgt Ion:127	Resp:	31955
Ion Ratio	Lower	Upper
127	100	
129	32.1	26.3 39.5
65	41.5	31.1 46.7
92	16.7	19.1 28.7#



#34
Hexachlorobutadiene
Concen: 46.910 ng
RT: 11.230 min Scan# 1335
Delta R.T. -0.008 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:225	Resp:	70496
Ion Ratio	Lower	Upper
225	100	
223	64.1	48.9 73.3
227	64.9	52.8 79.2

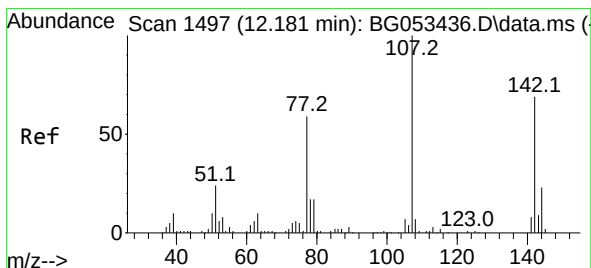
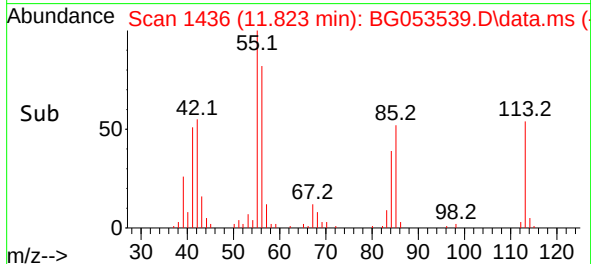
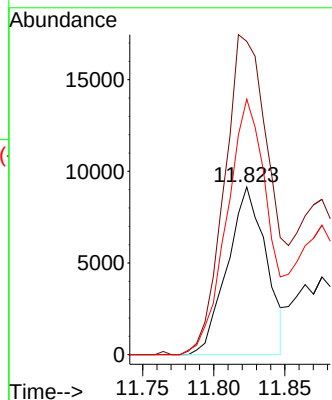
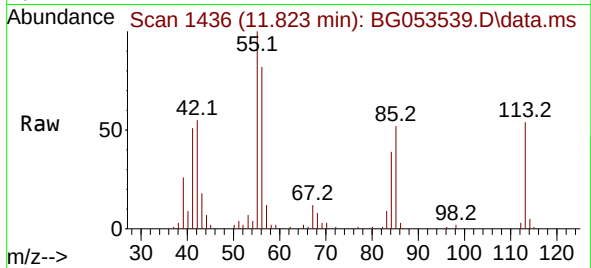




#35
Caprolactam
Concen: 26.787 ng
RT: 11.823 min Scan# 1438
Delta R.T. -0.008 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

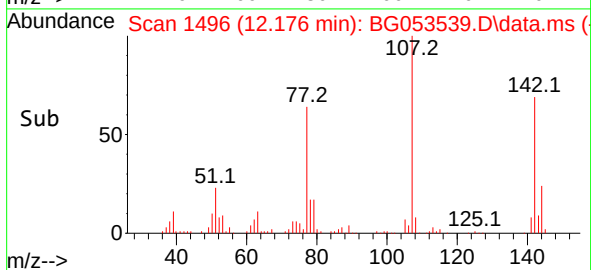
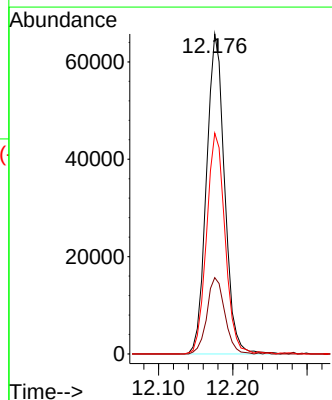
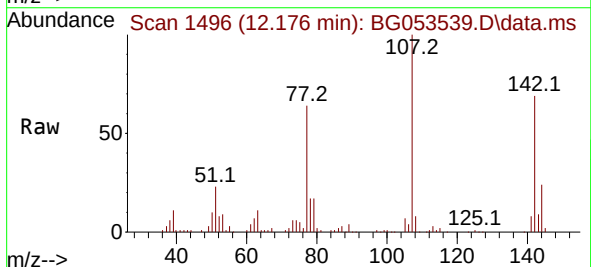
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

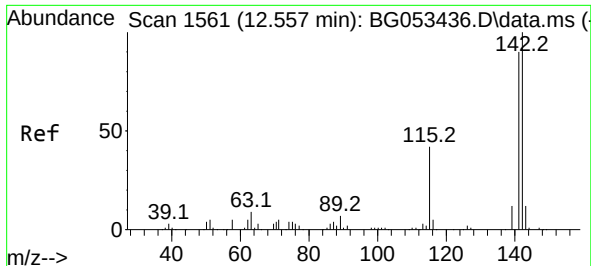
Tgt Ion:113 Resp: 17363
Ion Ratio Lower Upper
113 100
55 186.7 169.8 209.8
56 152.3 141.2 181.2



#36
4-Chloro-3-methylphenol
Concen: 52.229 ng
RT: 12.176 min Scan# 1496
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:107 Resp: 111437
Ion Ratio Lower Upper
107 100
144 23.8 18.5 27.7
142 69.0 55.0 82.4

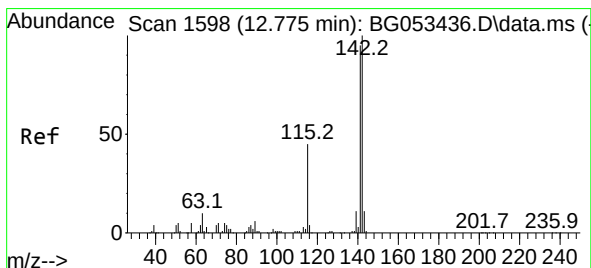
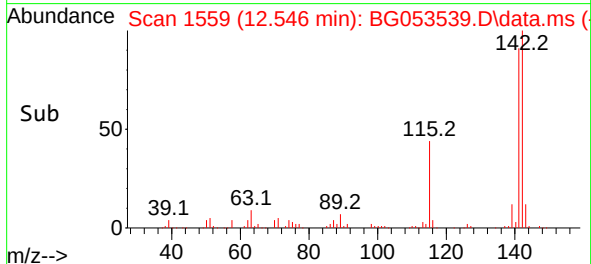
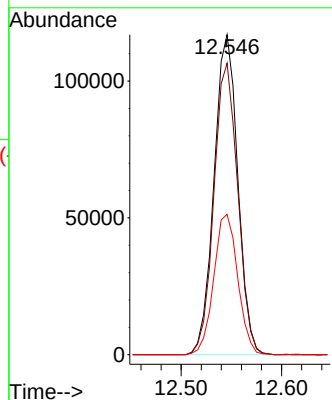
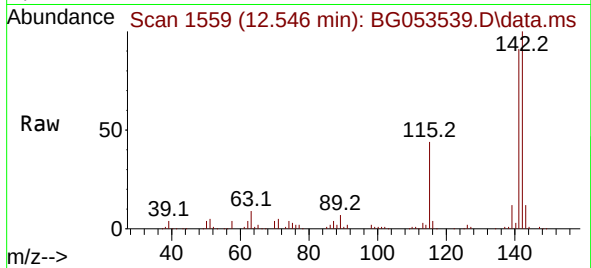




#37
2-Methylnaphthalene
Concen: 47.409 ng
RT: 12.546 min Scan# 1559
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

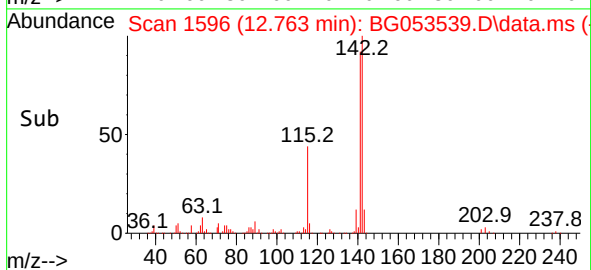
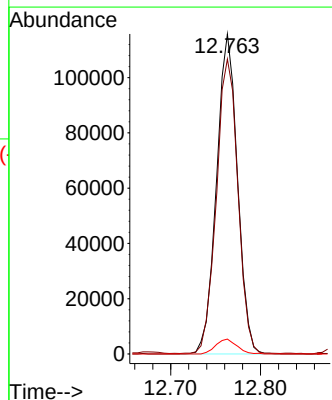
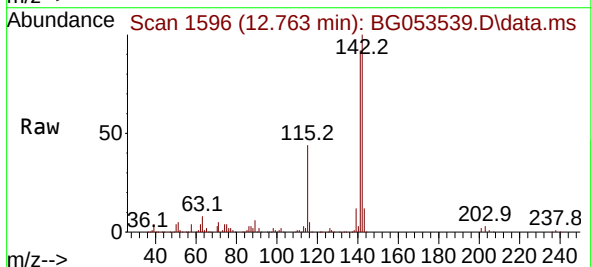
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

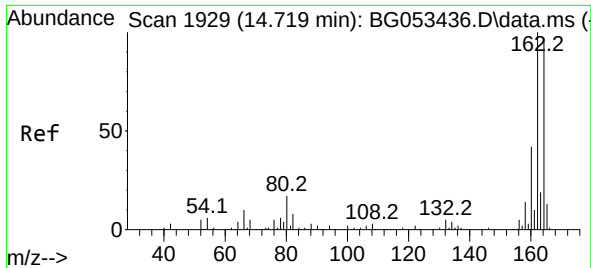
Tgt Ion:142 Resp: 191923
Ion Ratio Lower Upper
142 100
141 91.1 72.3 108.5
115 43.9 33.7 50.5



#38
1-Methylnaphthalene
Concen: 47.515 ng
RT: 12.763 min Scan# 1596
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:142 Resp: 187673
Ion Ratio Lower Upper
142 100
141 92.1 76.4 114.6
116 4.7 3.3 4.9

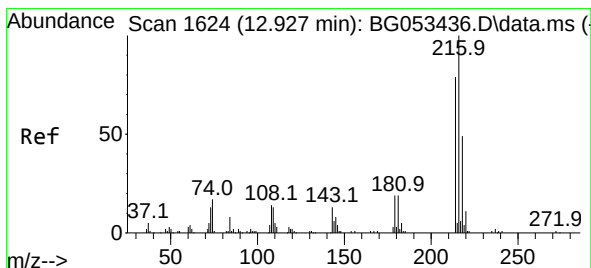
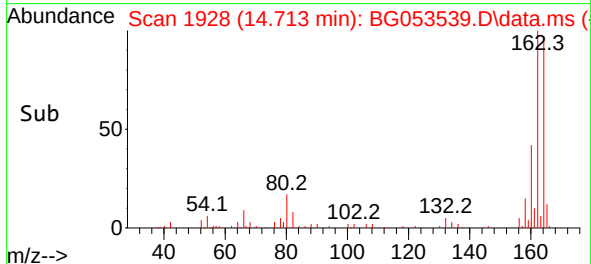
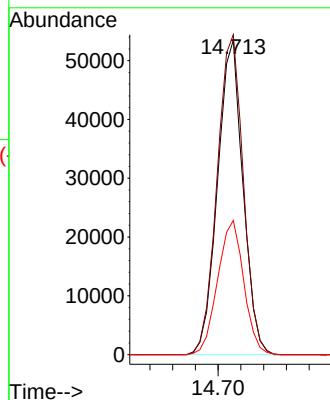
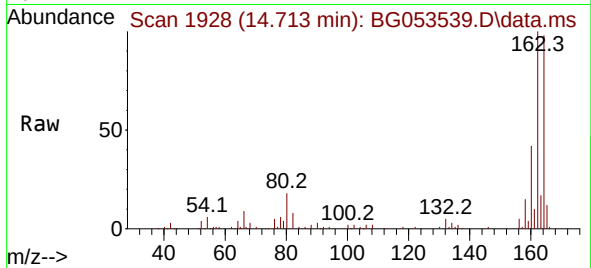




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

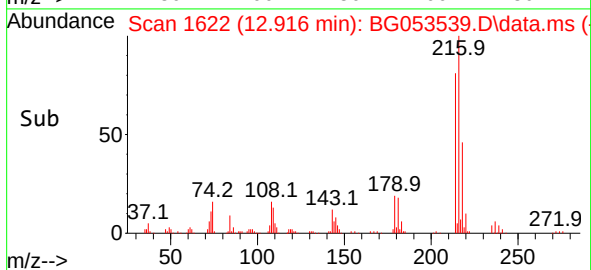
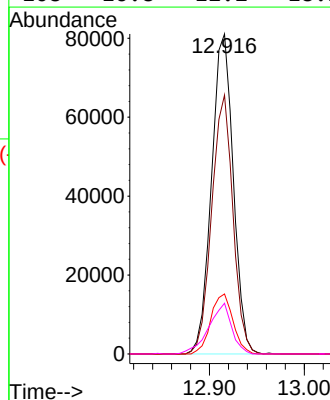
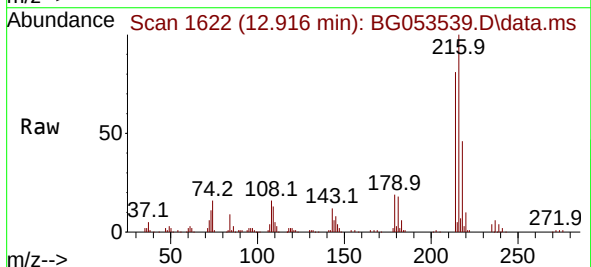
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

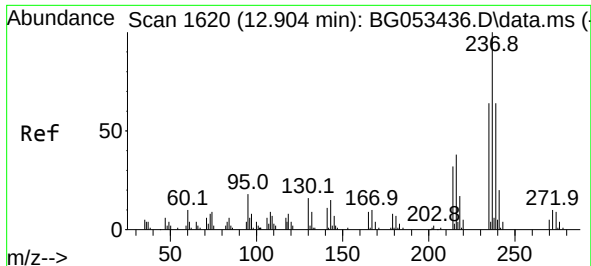
Tgt Ion:164 Resp: 82605
Ion Ratio Lower Upper
164 100
162 101.7 82.3 123.5
160 42.7 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.634 ng
RT: 12.916 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:216 Resp: 129238
Ion Ratio Lower Upper
216 100
214 79.0 62.9 94.3
179 19.2 16.1 24.1
108 16.8 12.2 18.2

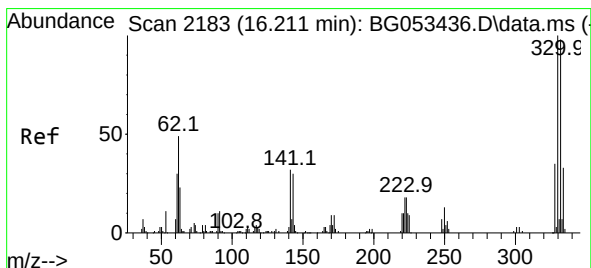
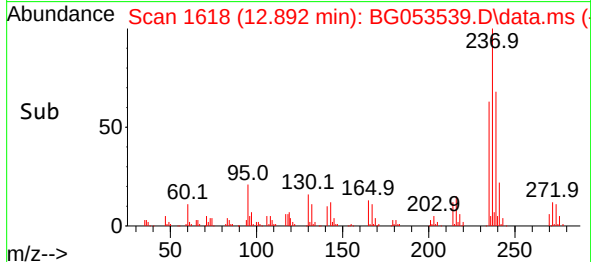
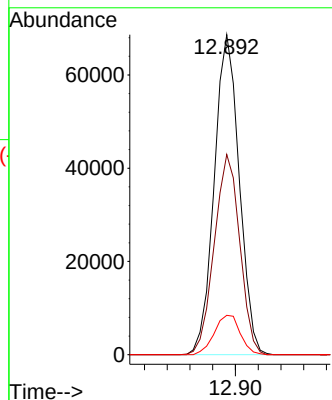
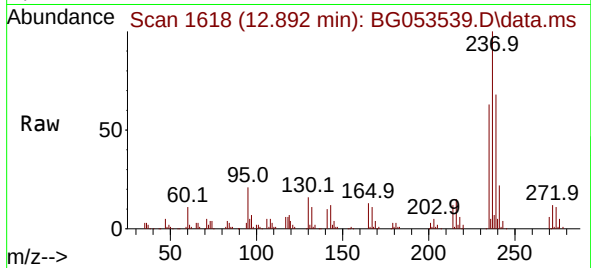




#41
Hexachlorocyclopentadiene
Concen: 96.641 ng
RT: 12.892 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

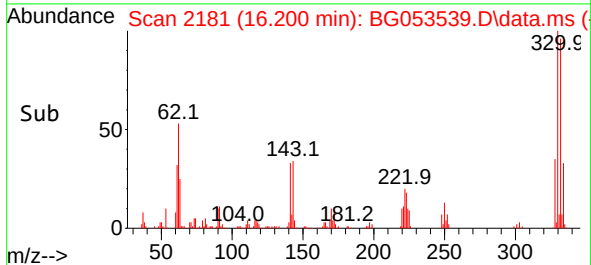
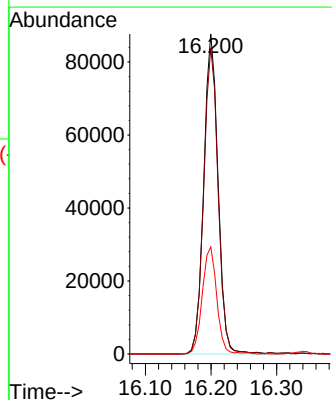
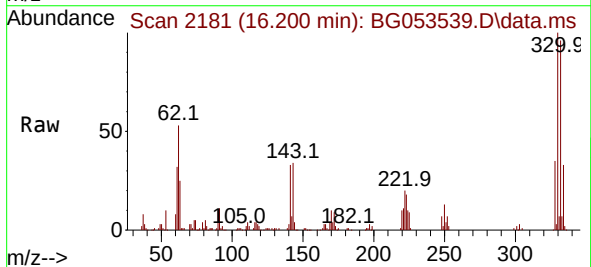
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

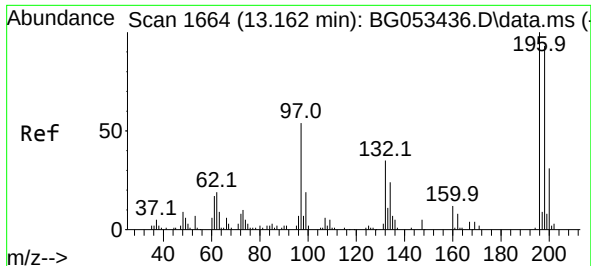
Tgt Ion:237 Resp: 104689
Ion Ratio Lower Upper
237 100
235 62.5 43.5 83.5
272 12.3 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 109.187 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:330 Resp: 133026
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 34.0 27.1 40.7

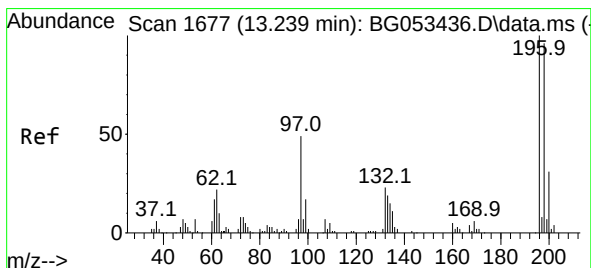
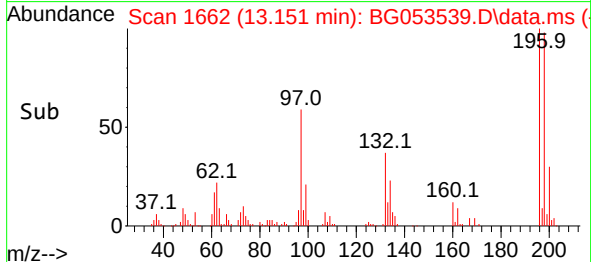
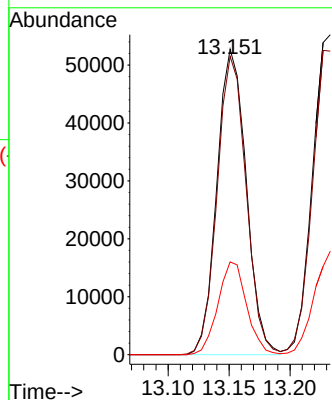
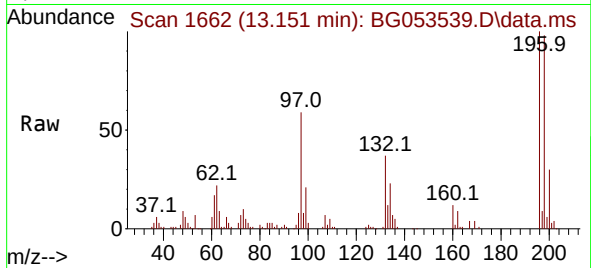




#43
2,4,6-Trichlorophenol
Concen: 51.987 ng
RT: 13.151 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

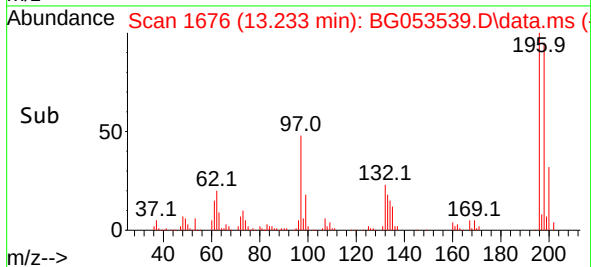
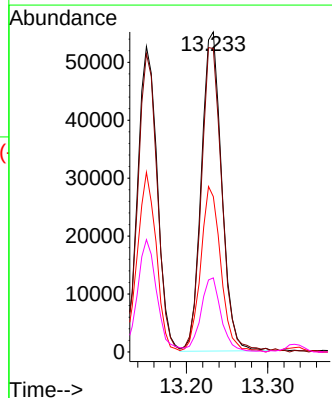
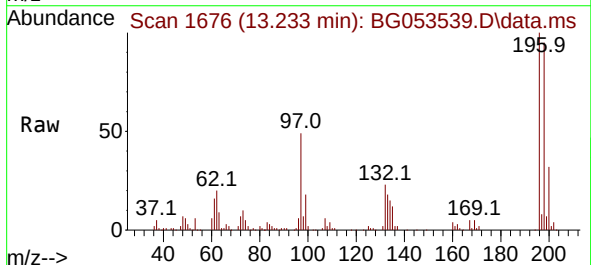
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

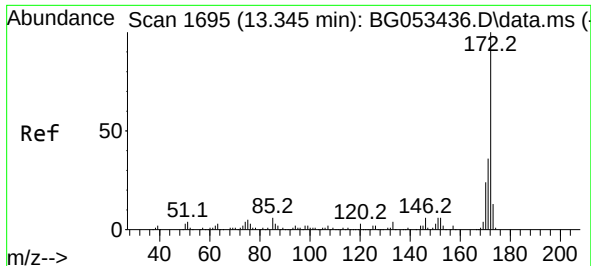
Tgt Ion:196 Resp: 88360
Ion Ratio Lower Upper
196 100
198 97.7 74.1 111.1
200 30.4 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 52.893 ng
RT: 13.233 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:196 Resp: 95680
Ion Ratio Lower Upper
196 100
198 94.9 76.8 115.2
97 48.5 39.8 59.6
132 23.1 18.4 27.6

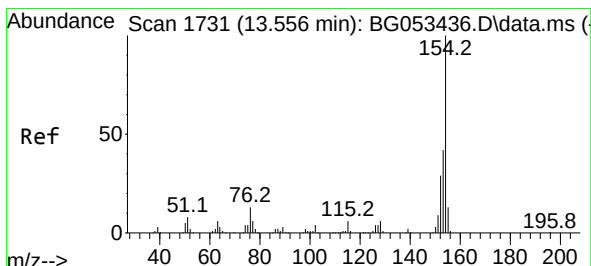
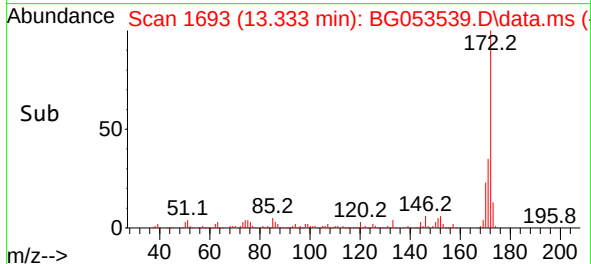
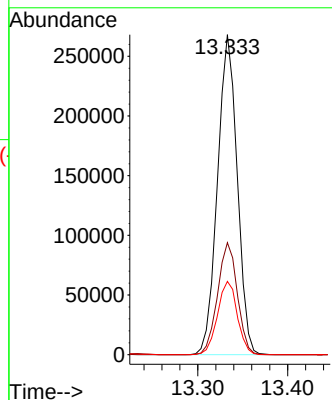
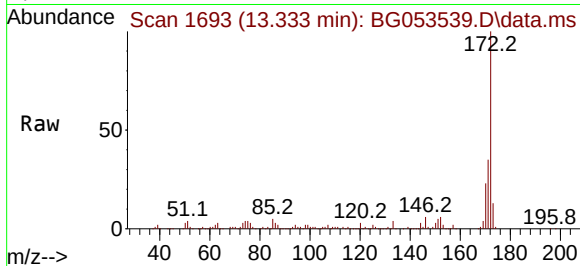




#45
2-Fluorobiphenyl
Concen: 72.175 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

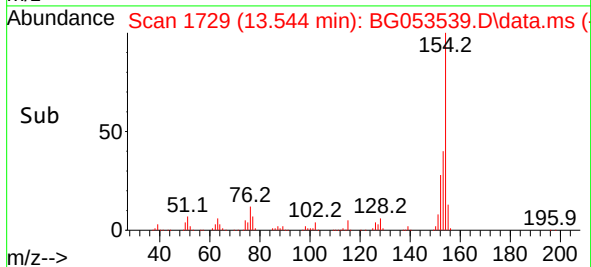
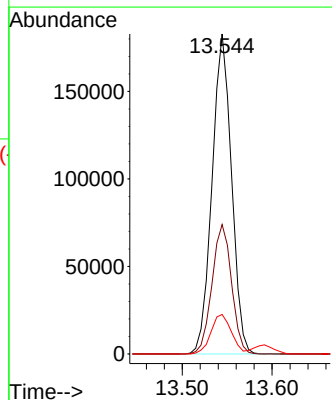
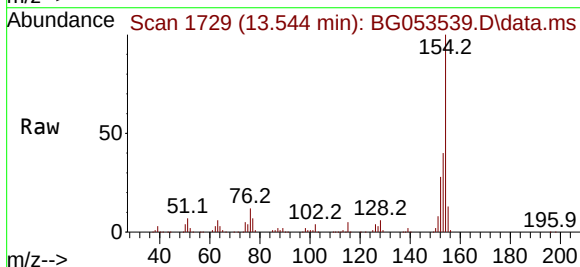
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

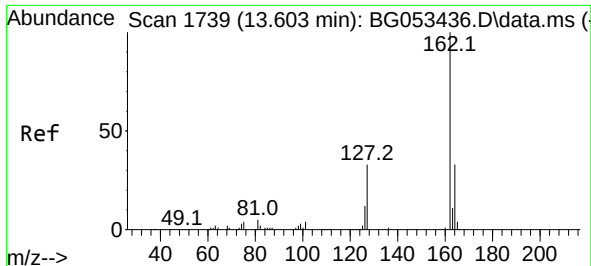
Tgt Ion:172 Resp: 407997
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 48.739 ng
RT: 13.544 min Scan# 1729
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:154 Resp: 274431
Ion Ratio Lower Upper
154 100
153 40.4 21.6 61.6
76 12.4 0.0 32.6

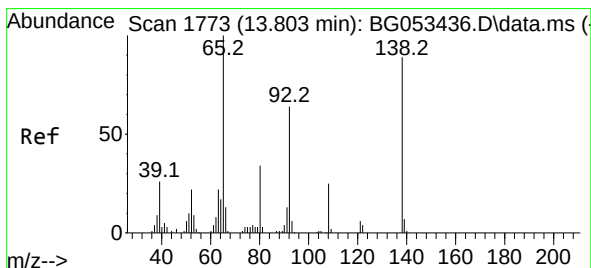
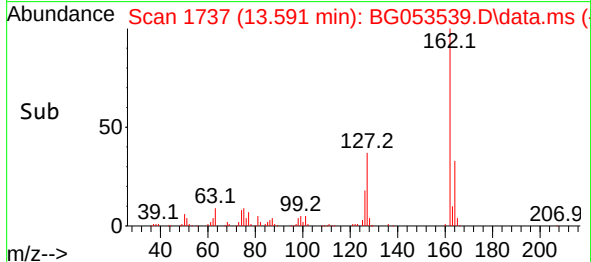
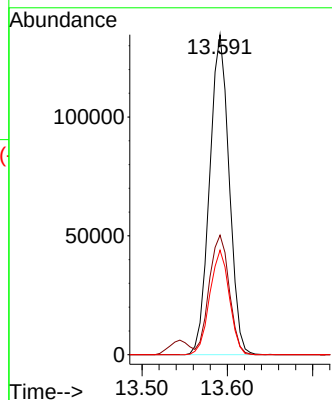
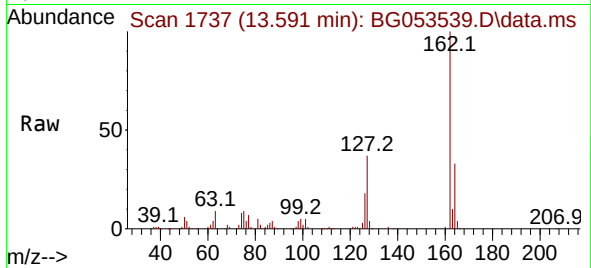




#47
2-Chloronaphthalene
Concen: 48.696 ng
RT: 13.591 min Scan# 1737
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

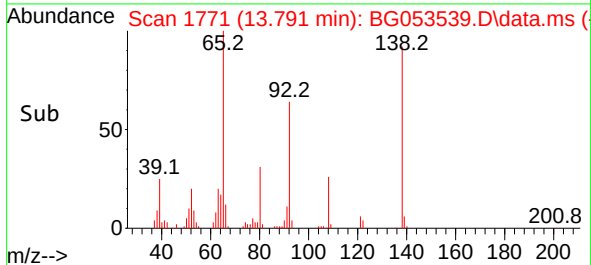
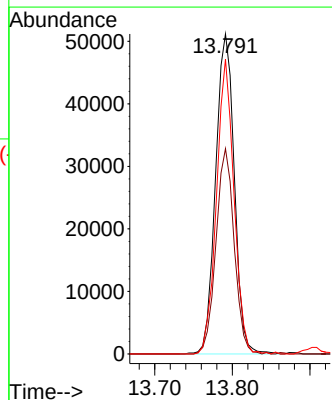
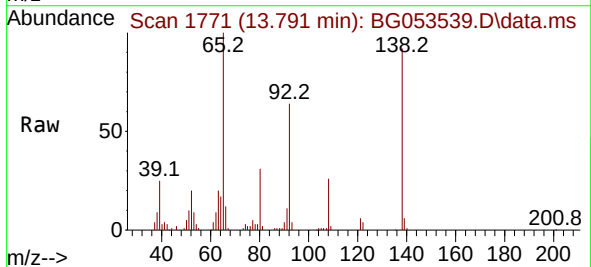
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

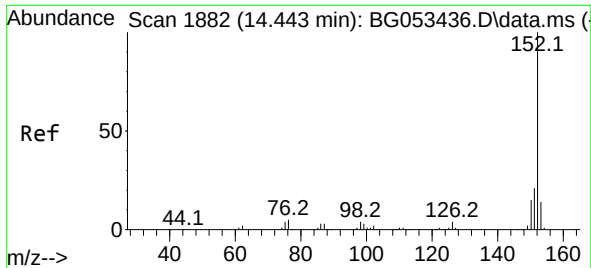
Tgt Ion:162 Resp: 214823
Ion Ratio Lower Upper
162 100
127 37.4 30.6 45.8
164 32.7 26.5 39.7



#48
2-Nitroaniline
Concen: 52.230 ng
RT: 13.791 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion: 65 Resp: 85856
Ion Ratio Lower Upper
65 100
92 64.2 51.5 77.3
138 92.1 71.3 106.9

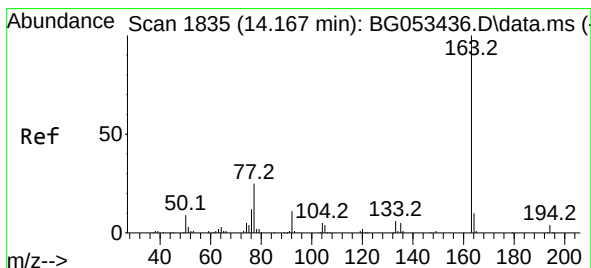
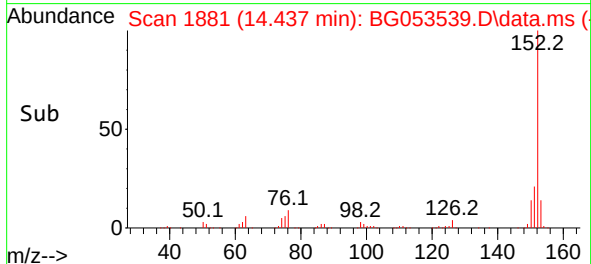
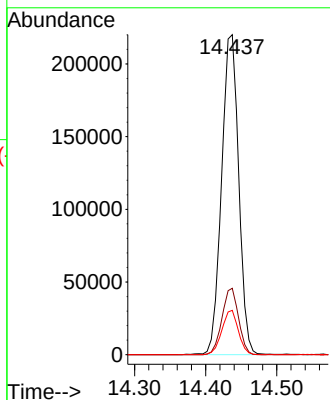
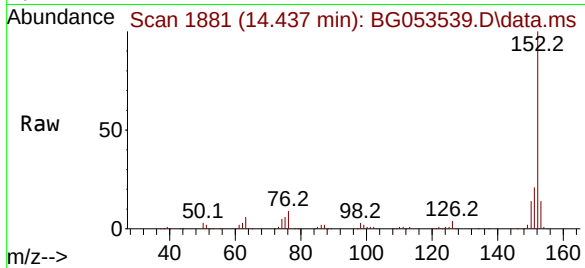




#49
Acenaphthylene
Concen: 52.199 ng
RT: 14.437 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

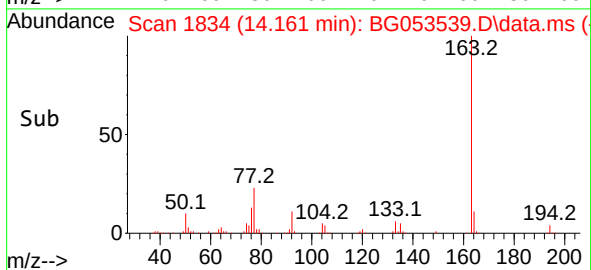
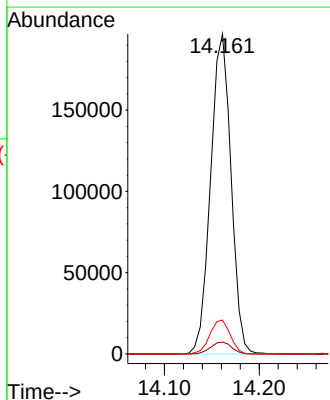
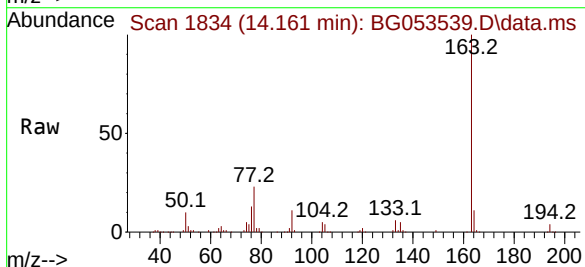
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

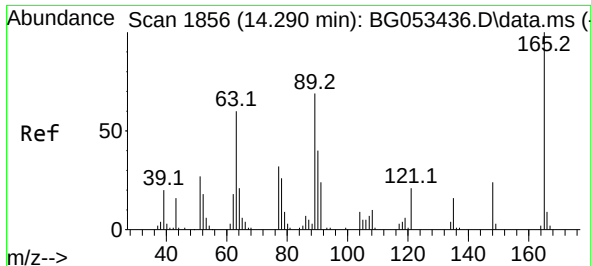
Tgt Ion:152 Resp: 367462
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.9 10.8 16.2



#50
Dimethylphthalate
Concen: 46.909 ng
RT: 14.161 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:163 Resp: 294455
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.6 8.0 12.0

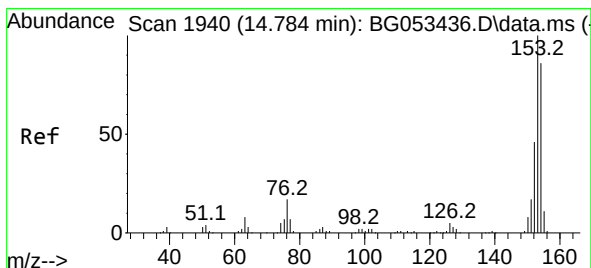
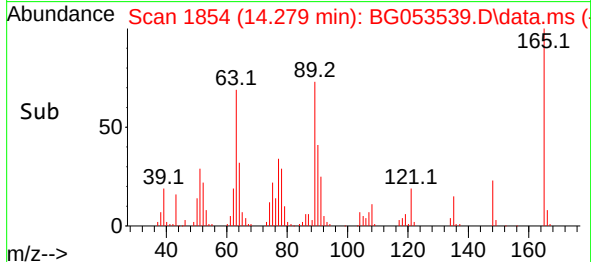
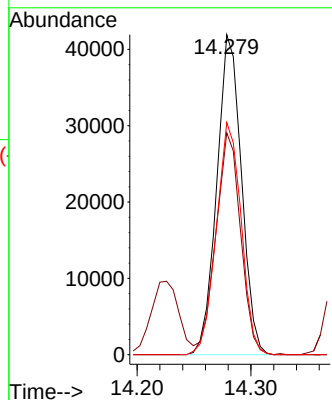
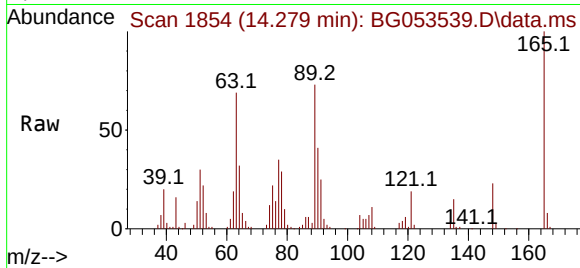




#51
2,6-Dinitrotoluene
Concen: 49.345 ng
RT: 14.279 min Scan# 1854
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

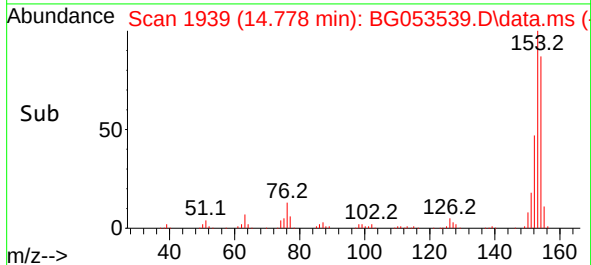
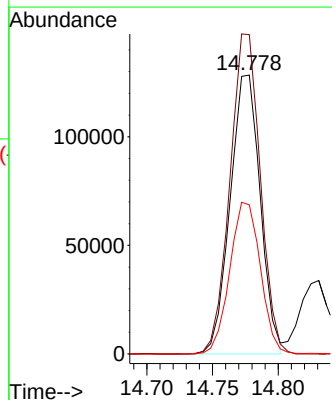
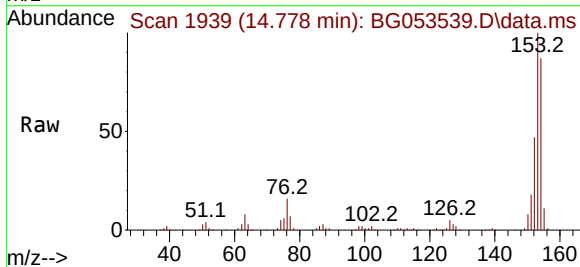
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

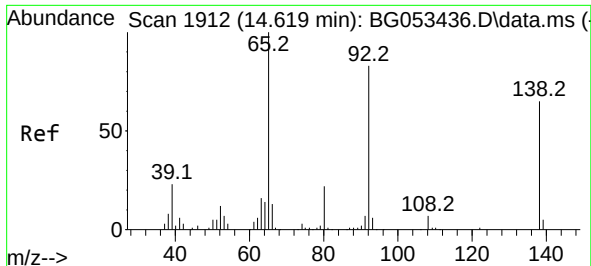
Tgt Ion:165 Resp: 63106
Ion Ratio Lower Upper
165 100
63 69.4 54.1 81.1
89 72.5 54.8 82.2



#52
Acenaphthene
Concen: 48.900 ng
RT: 14.778 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:154 Resp: 205149
Ion Ratio Lower Upper
154 100
153 114.5 92.7 139.1
152 53.4 42.6 64.0

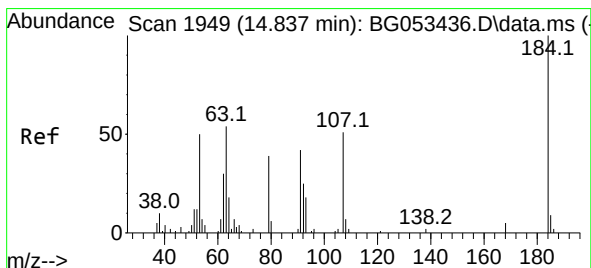
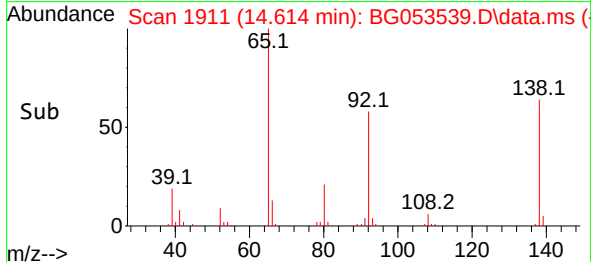
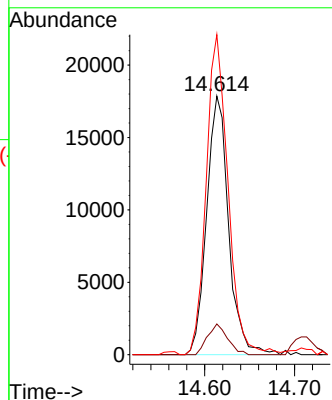
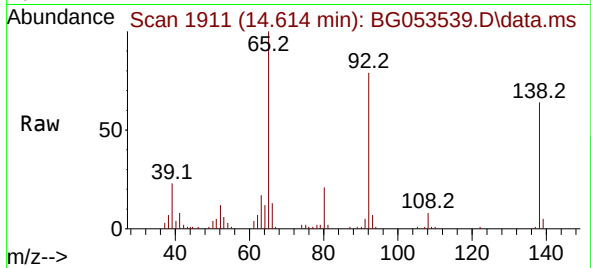




#53
3-Nitroaniline
Concen: 21.958 ng
RT: 14.614 min Scan# 1911
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

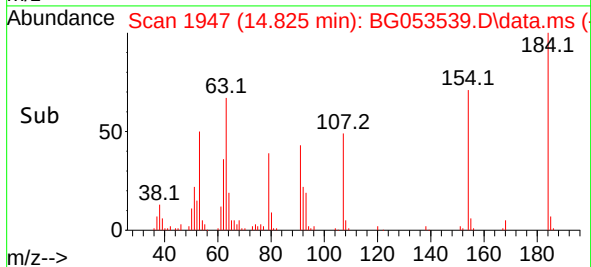
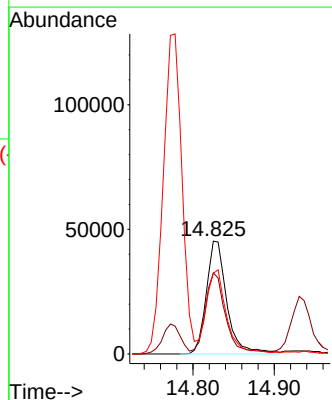
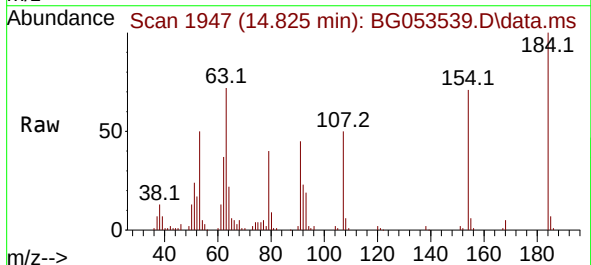
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

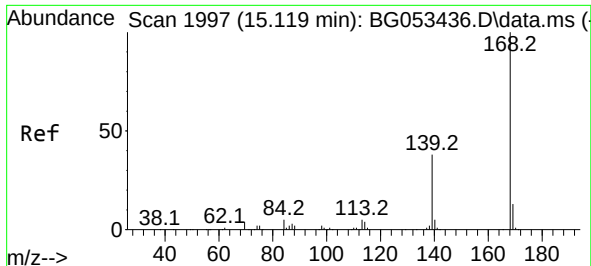
Tgt Ion:138 Resp: 30341
Ion Ratio Lower Upper
138 100
108 11.9 9.2 13.8
92 123.7 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 96.593 ng
RT: 14.825 min Scan# 1947
Delta R.T. -0.008 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:184 Resp: 79553
Ion Ratio Lower Upper
184 100
63 71.9 61.1 91.7
154 71.4 60.6 91.0





#55

Dibenzenofuran

Concen: 47.014 ng

RT: 15.107 min Scan# 1995

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

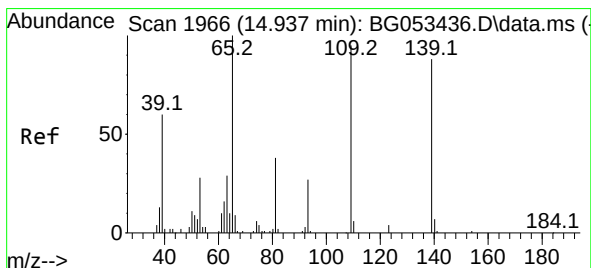
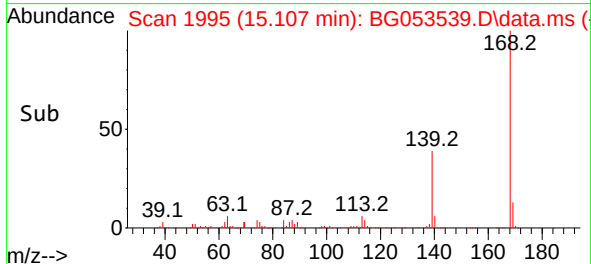
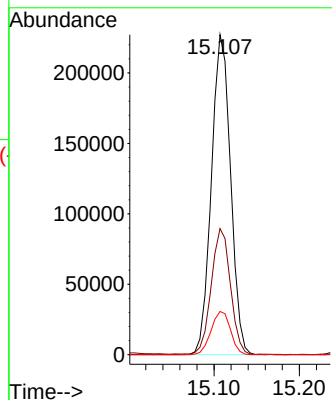
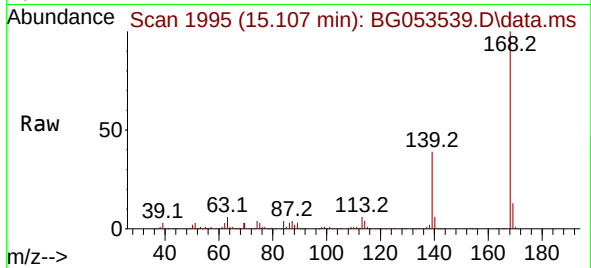
Tgt Ion:168 Resp: 354270

Ion Ratio Lower Upper

168 100

139 39.4 30.5 45.7

169 13.5 10.3 15.5



#56

4-Nitrophenol

Concen: 105.880 ng

RT: 14.931 min Scan# 1965

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

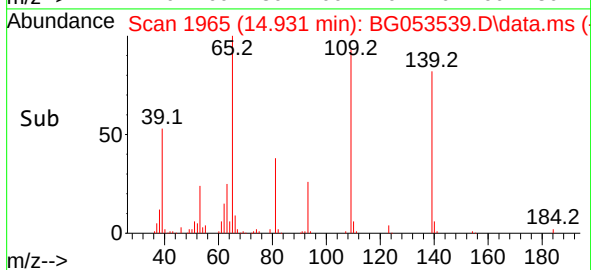
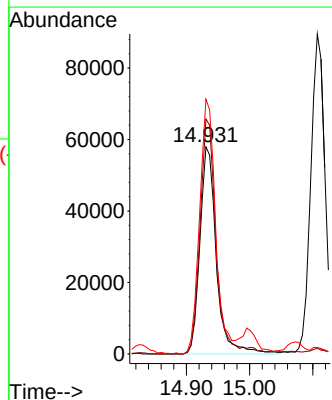
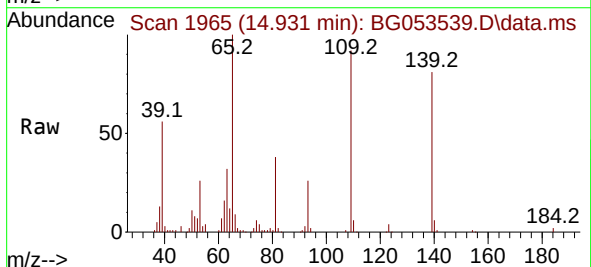
Tgt Ion:139 Resp: 104498

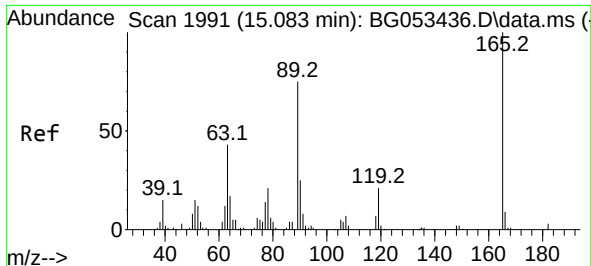
Ion Ratio Lower Upper

139 100

109 113.4 88.5 128.5

65 123.0 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 50.114 ng

RT: 15.072 min Scan# 1991

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

Tgt Ion:165 Resp: 92898

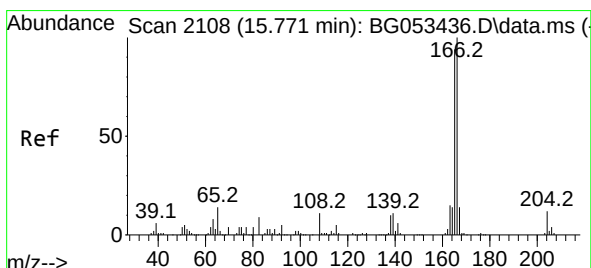
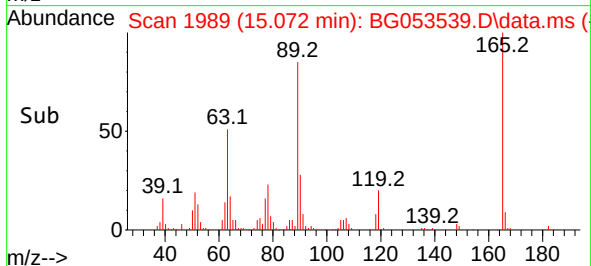
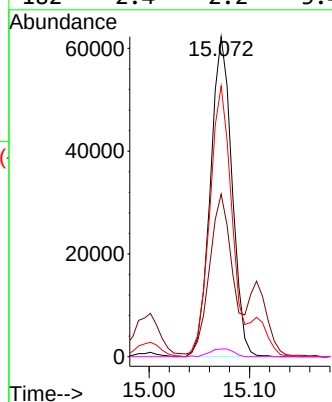
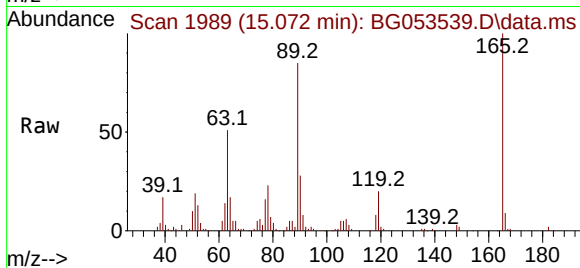
Ion Ratio Lower Upper

165 100

63 50.8 34.6 52.0

89 84.6 60.3 90.5

182 2.4 2.2 3.4



#58

Fluorene

Concen: 48.016 ng

RT: 15.759 min Scan# 2106

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

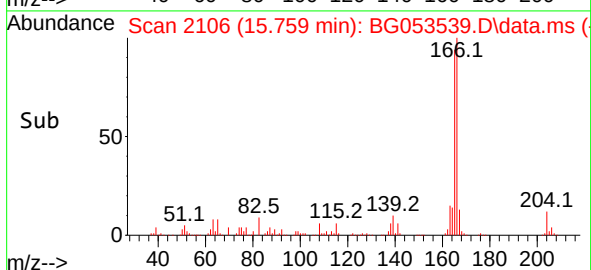
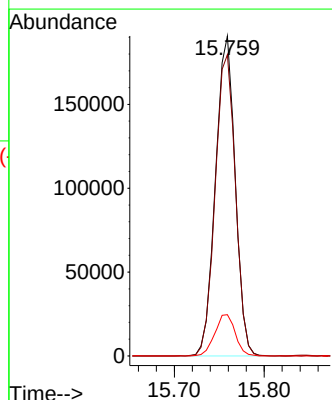
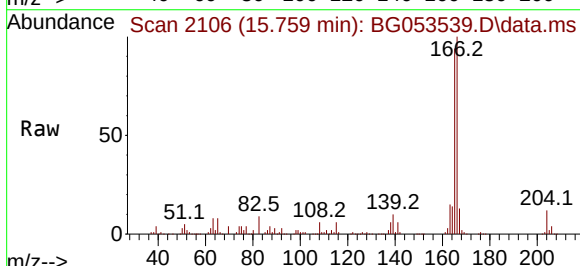
Tgt Ion:166 Resp: 290357

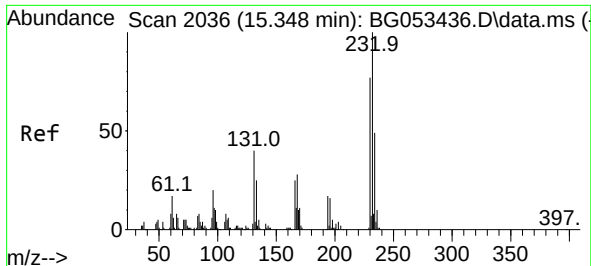
Ion Ratio Lower Upper

166 100

165 94.2 75.0 112.6

167 12.9 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.663 ng

RT: 15.342 min Scan# 2035

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

Tgt Ion:232 Resp: 91149

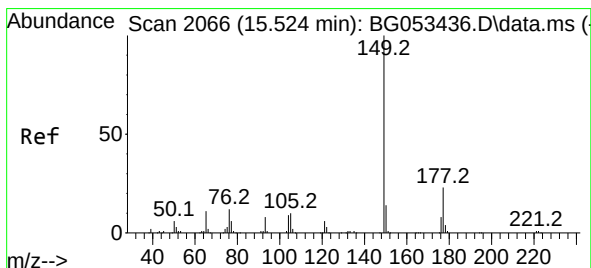
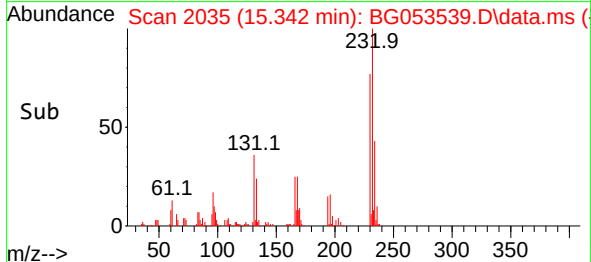
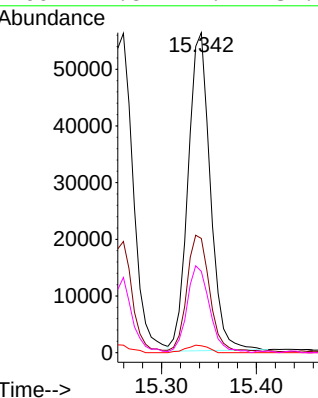
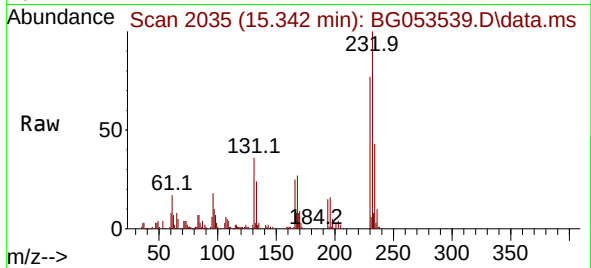
Ion Ratio Lower Upper

232 100

131 39.3 30.6 46.0

130 2.4 1.8 2.8

166 27.8 21.1 31.7



#60

Diethylphthalate

Concen: 46.508 ng

RT: 15.518 min Scan# 2065

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

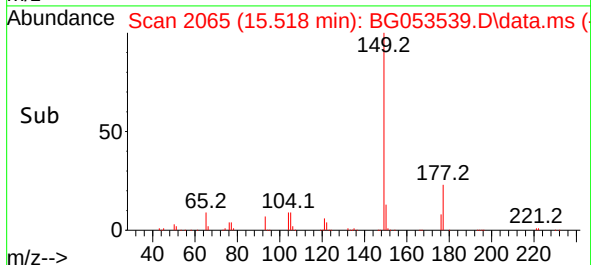
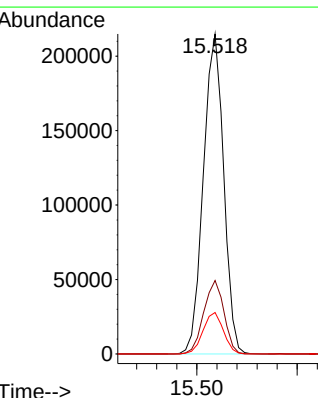
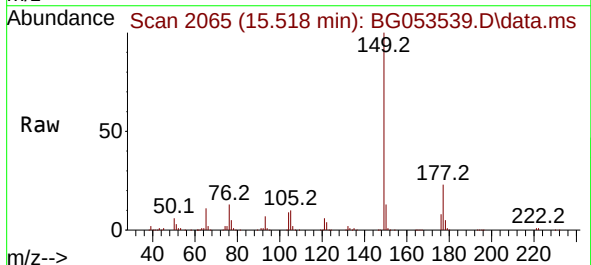
Tgt Ion:149 Resp: 301567

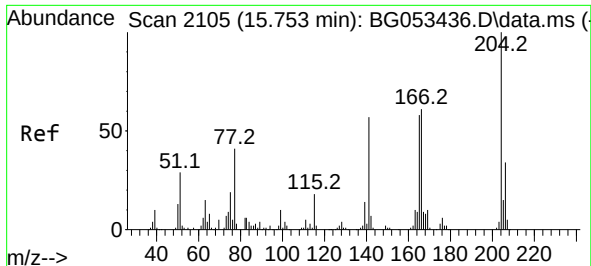
Ion Ratio Lower Upper

149 100

177 22.9 18.4 27.6

150 13.0 11.2 16.8

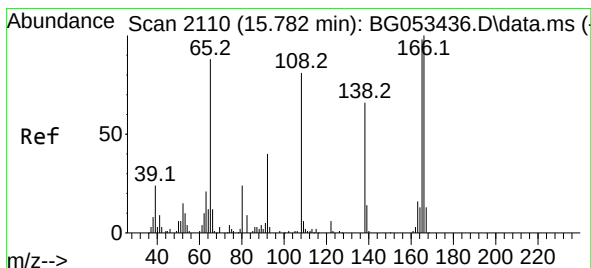
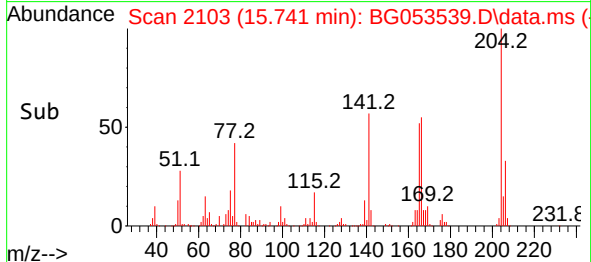
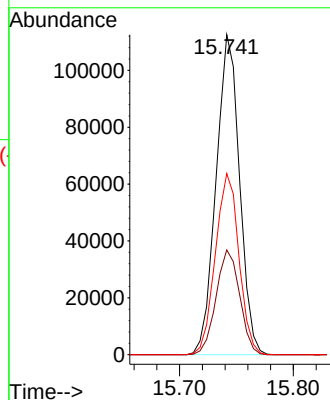
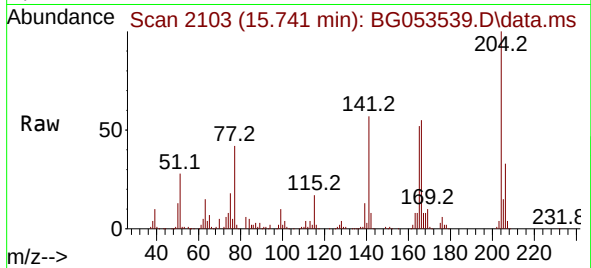




#61
4-Chlorophenyl-phenylether
Concen: 47.792 ng
RT: 15.741 min Scan# 2105
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

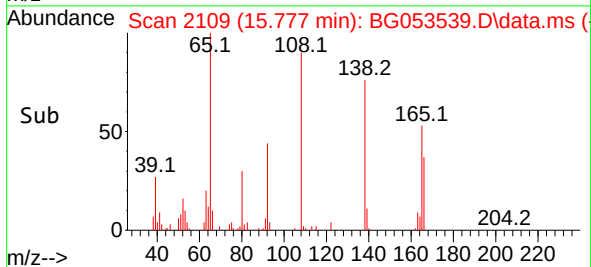
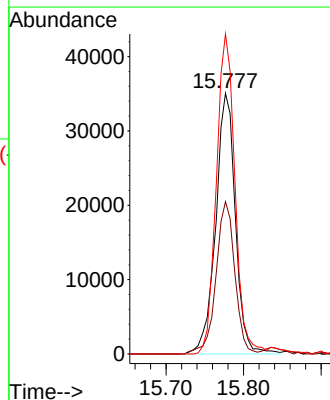
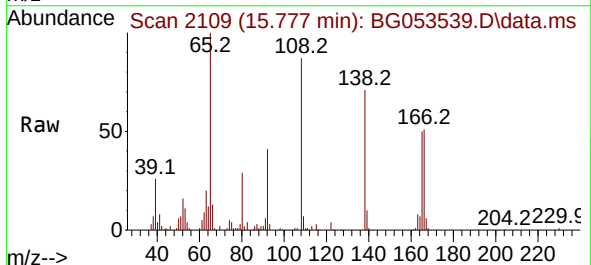
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

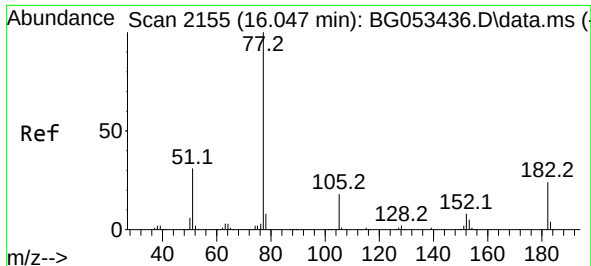
Tgt Ion:204 Resp: 161268
Ion Ratio Lower Upper
204 100
206 32.8 27.5 41.3
141 56.6 45.3 67.9



#62
4-Nitroaniline
Concen: 43.262 ng
RT: 15.777 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:138 Resp: 62003
Ion Ratio Lower Upper
138 100
92 58.5 40.5 80.5
108 122.8 103.7 143.7

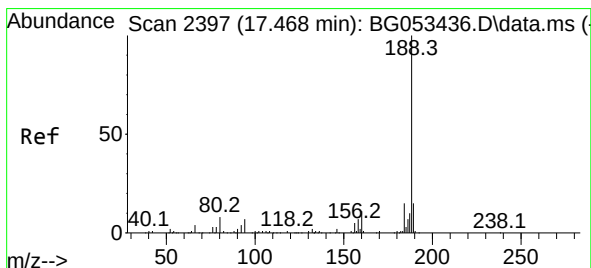
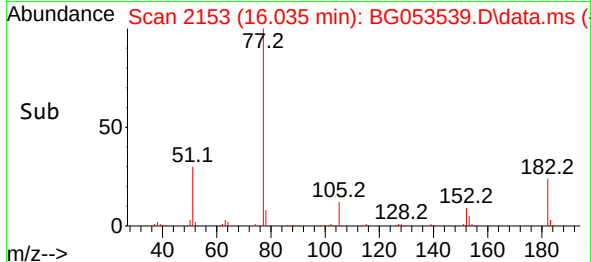
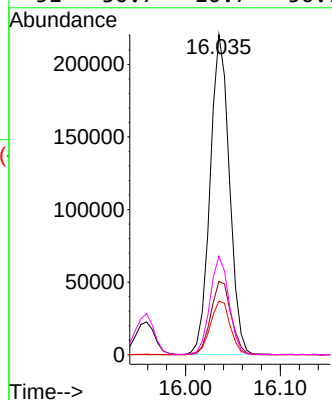
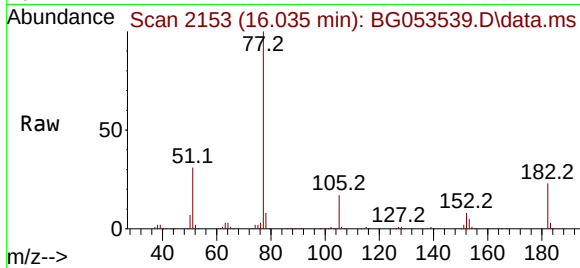




#63
Azobenzene
Concen: 46.781 ng
RT: 16.035 min Scan# 2155
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

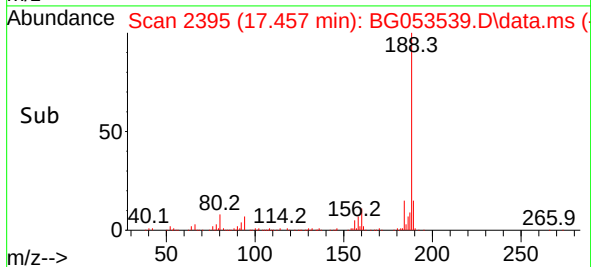
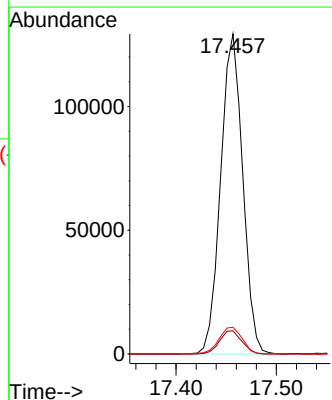
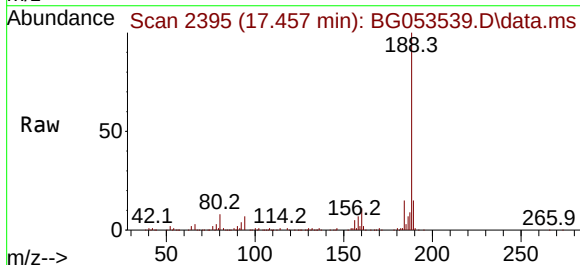
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

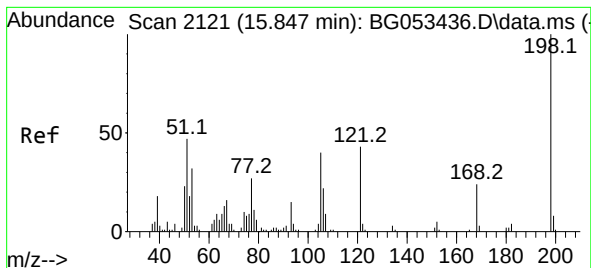
Tgt Ion: 77	Resp: 310615
Ion Ratio	Lower Upper
77 100	
182 22.9	3.8 43.8
105 16.8	0.0 37.8
51 30.7	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2395
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:188	Resp: 197274
Ion Ratio	Lower Upper
188 100	
94 7.2	5.4 8.0
80 8.4	6.8 10.2

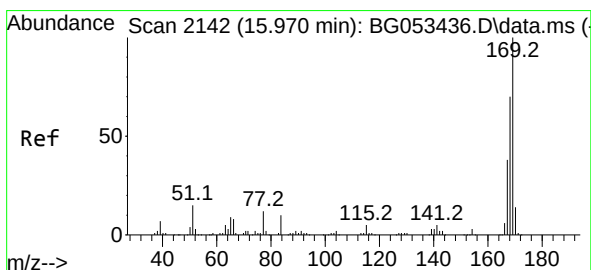
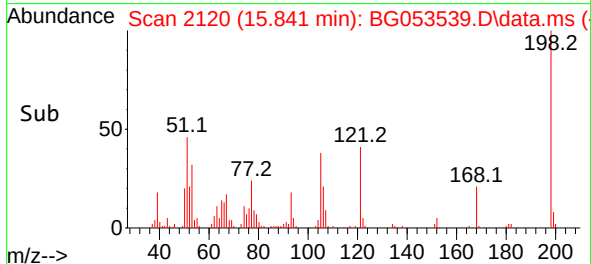
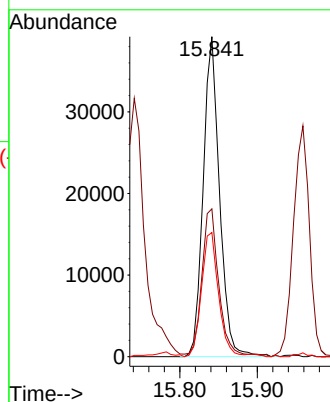
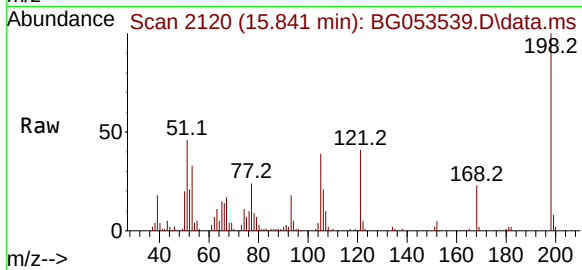




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.901 ng
 RT: 15.841 min Scan# 2120
 Delta R.T. -0.002 min
 Lab File: BG053539.D
 Acq: 13 May 2022 12:23

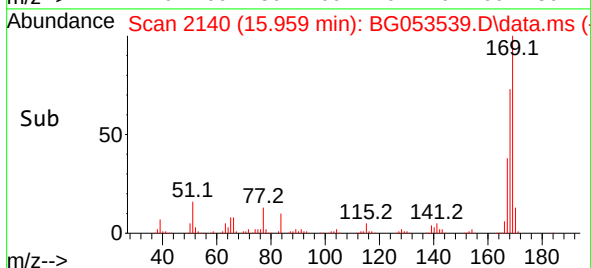
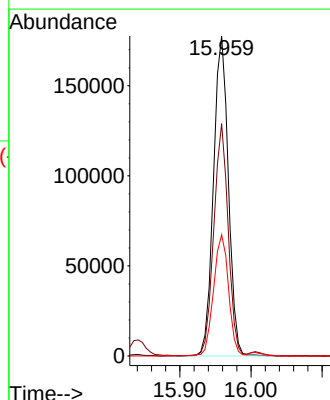
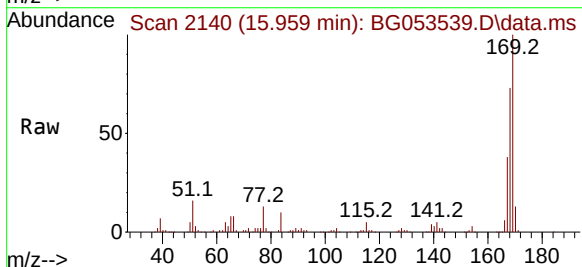
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

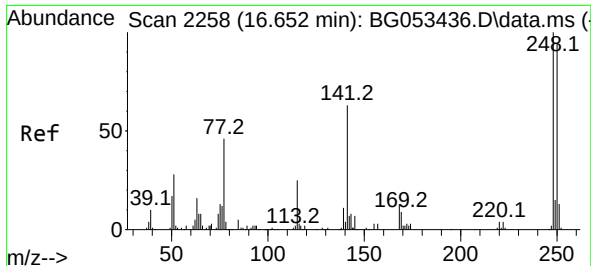
Tgt Ion:198 Resp: 57483
 Ion Ratio Lower Upper
 198 100
 51 46.2 28.1 68.1
 105 38.8 20.3 60.3



#66
 n-Nitrosodiphenylamine
 Concen: 49.741 ng
 RT: 15.959 min Scan# 2140
 Delta R.T. -0.002 min
 Lab File: BG053539.D
 Acq: 13 May 2022 12:23

Tgt Ion:169 Resp: 257631
 Ion Ratio Lower Upper
 169 100
 168 72.6 55.9 83.9
 167 37.8 30.6 46.0

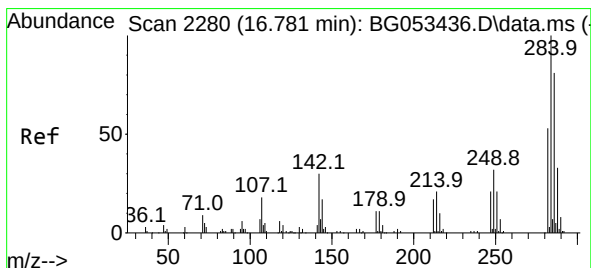
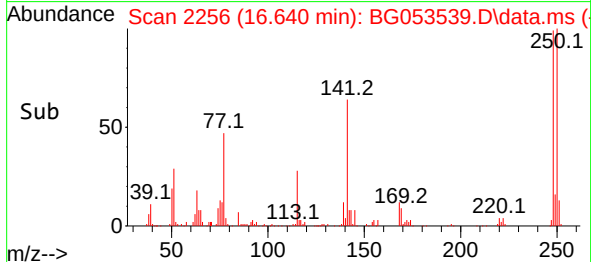
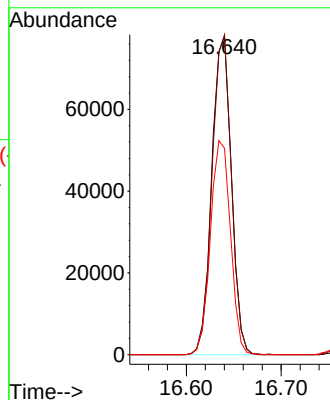
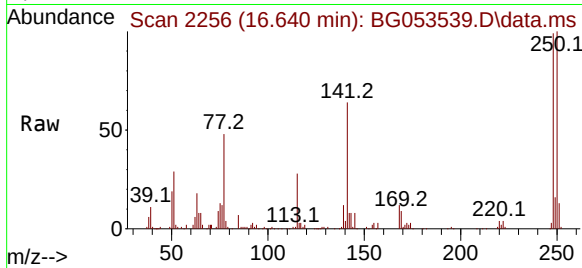




#67
4-Bromophenyl-phenylether
Concen: 48.571 ng
RT: 16.640 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

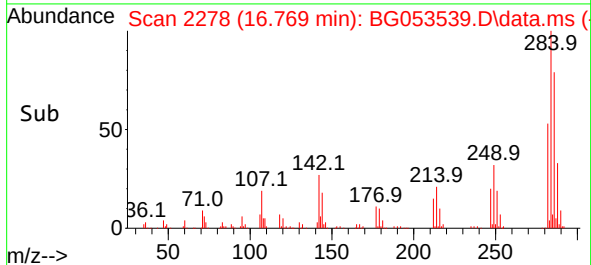
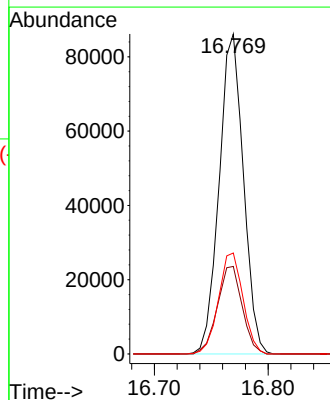
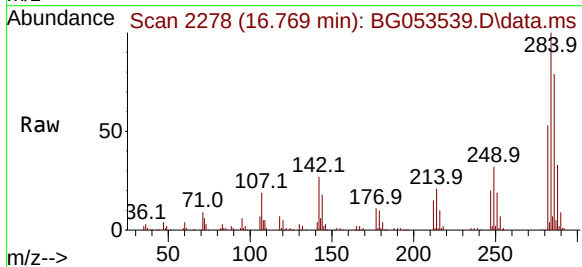
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

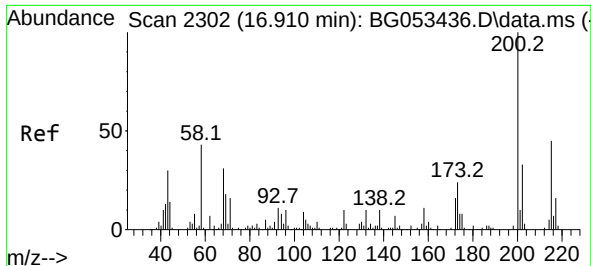
Tgt Ion:248 Resp: 111905
Ion Ratio Lower Upper
248 100
250 100.5 75.2 112.8
141 64.8 50.0 75.0



#68
Hexachlorobenzene
Concen: 50.599 ng
RT: 16.769 min Scan# 2278
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:284 Resp: 127674
Ion Ratio Lower Upper
284 100
142 27.4 23.6 35.4
249 31.5 25.8 38.6

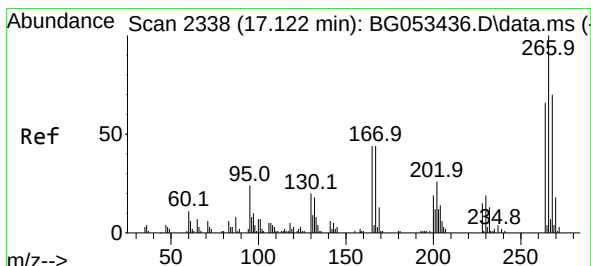
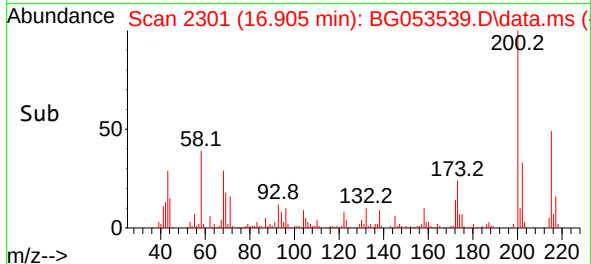
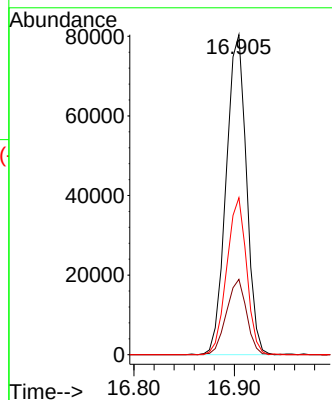
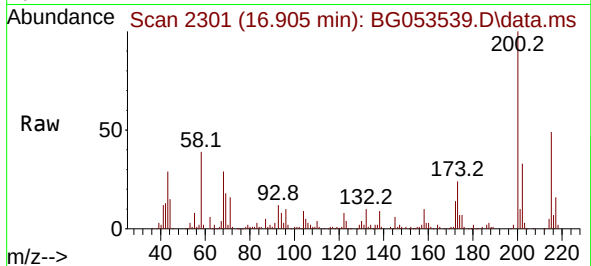




#69
Atrazine
Concen: 51.605 ng
RT: 16.905 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

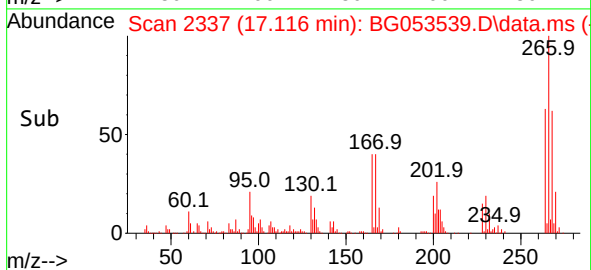
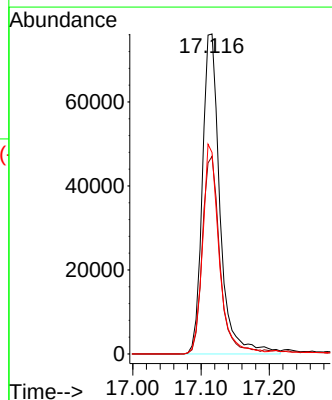
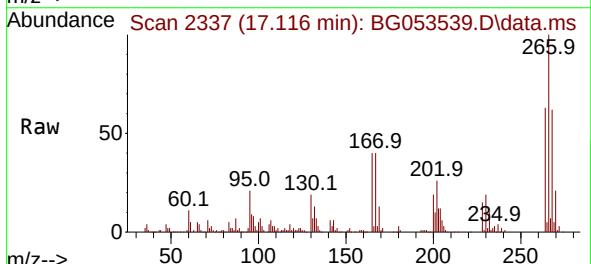
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

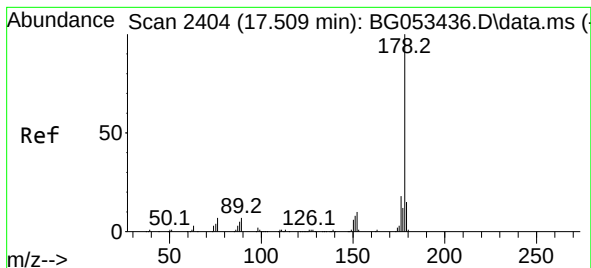
Tgt Ion:200 Resp: 112523
Ion Ratio Lower Upper
200 100
173 23.5 3.7 43.7
215 49.1 25.2 65.2



#70
Pentachlorophenol
Concen: 99.496 ng
RT: 17.116 min Scan# 2337
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:266 Resp: 136834
Ion Ratio Lower Upper
266 100
268 61.7 56.2 84.2
264 62.9 53.0 79.4





#71

Phenanthrene

Concen: 53.458 ng

RT: 17.498 min Scan# 2404

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

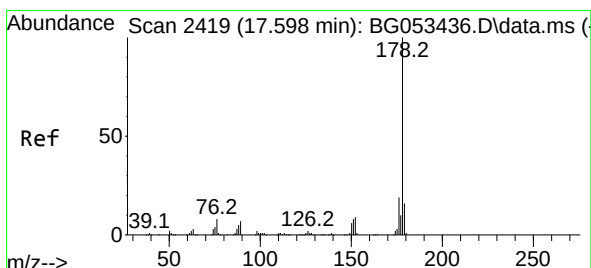
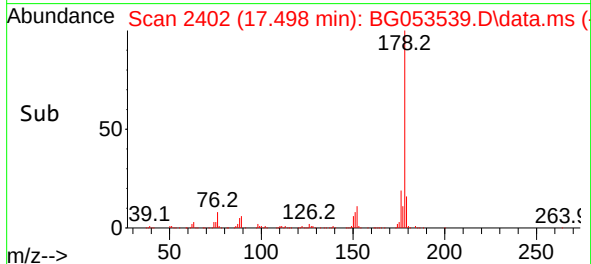
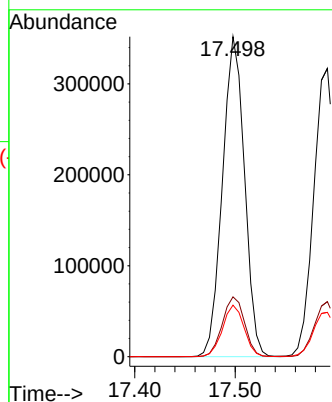
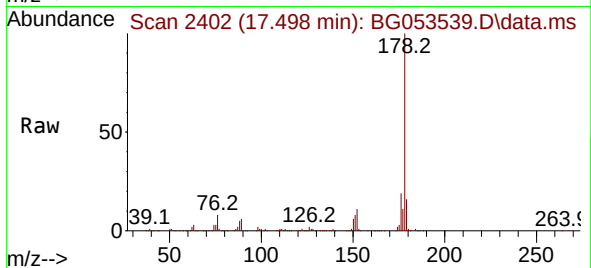
Tgt Ion:178 Resp: 536240

Ion Ratio Lower Upper

178 100

176 18.7 14.1 21.1

179 16.1 12.1 18.1



#72

Anthracene

Concen: 50.738 ng

RT: 17.592 min Scan# 2418

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

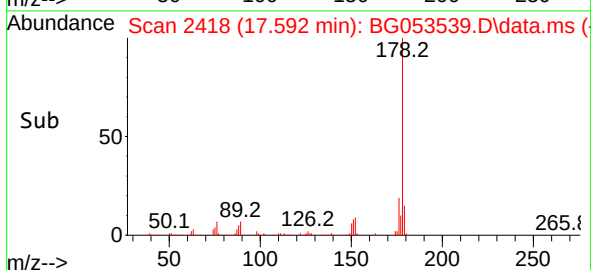
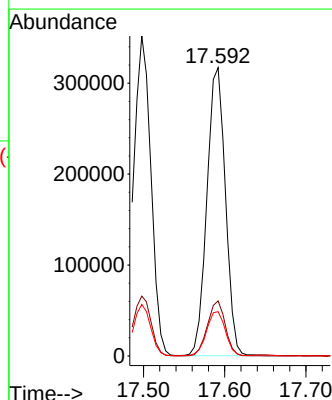
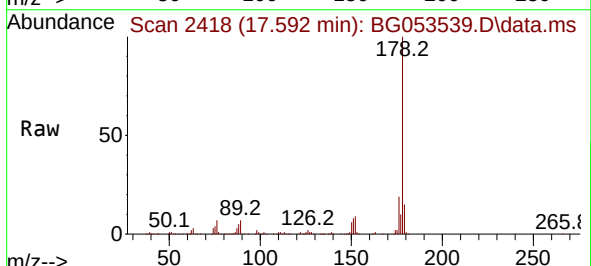
Tgt Ion:178 Resp: 500254

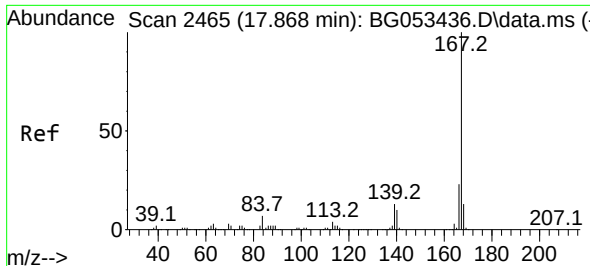
Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.4 13.0 19.4

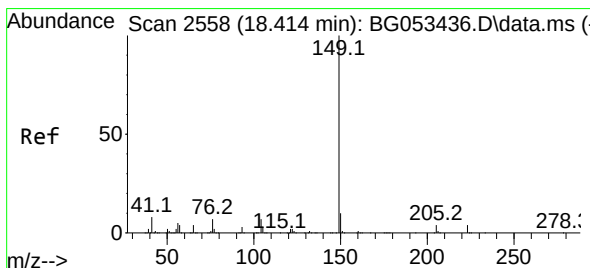
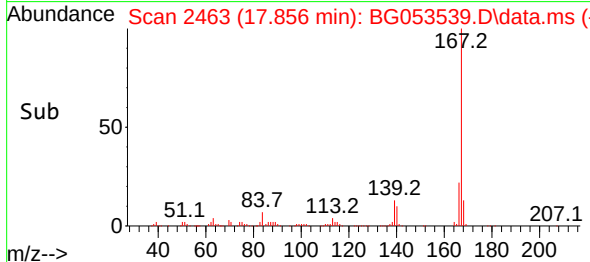
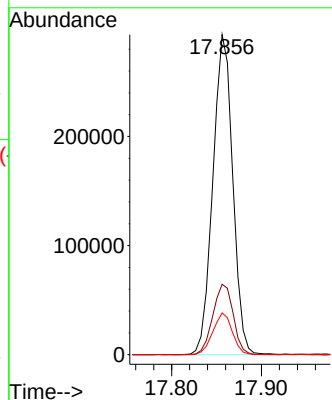
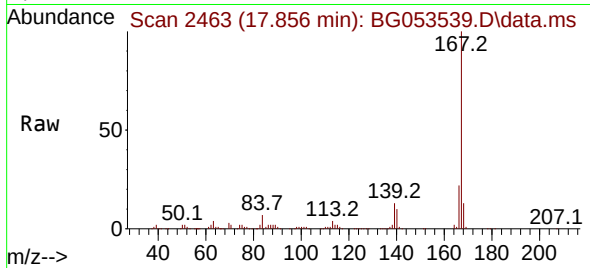




#73
 Carbazole
 Concen: 46.631 ng
 RT: 17.856 min Scan# 2463
 Delta R.T. -0.002 min
 Lab File: BG053539.D
 Acq: 13 May 2022 12:23

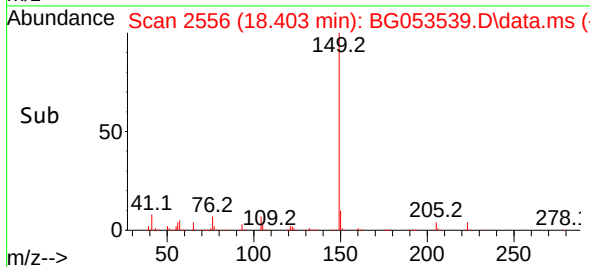
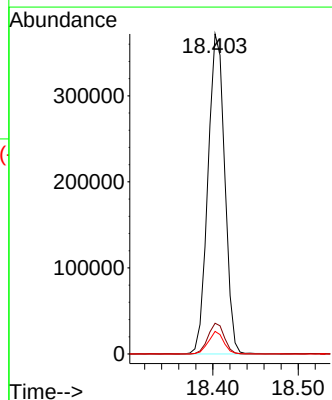
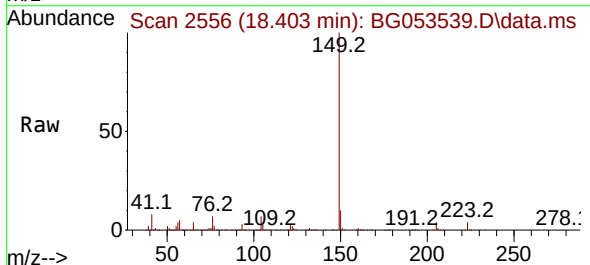
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

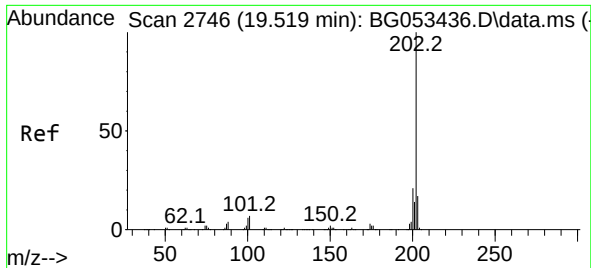
Tgt Ion:167 Resp: 450598
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 13.0 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 46.769 ng
 RT: 18.403 min Scan# 2556
 Delta R.T. -0.002 min
 Lab File: BG053539.D
 Acq: 13 May 2022 12:23

Tgt Ion:149 Resp: 508274
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 7.0 5.4 8.0

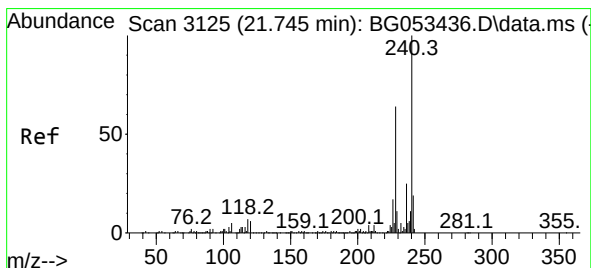
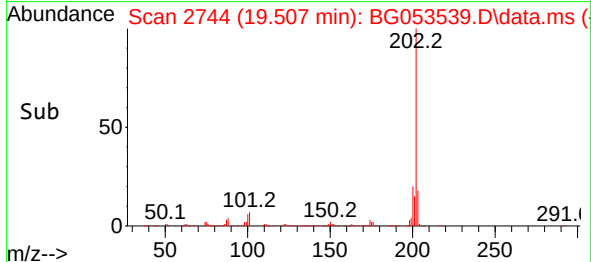
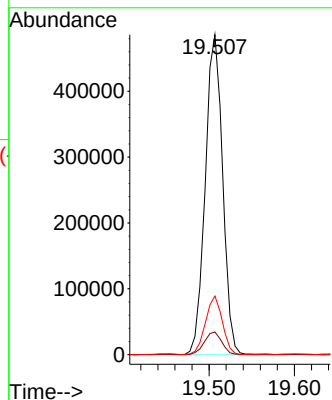
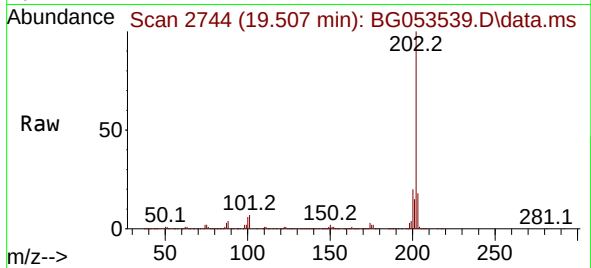




#75
Fluoranthene
Concen: 52.803 ng
RT: 19.507 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

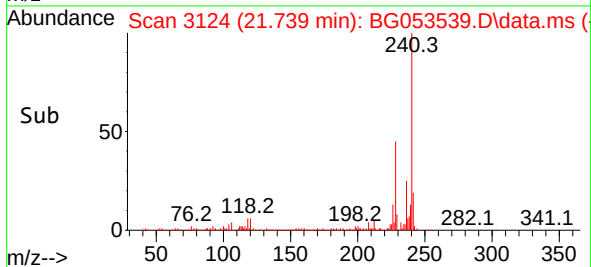
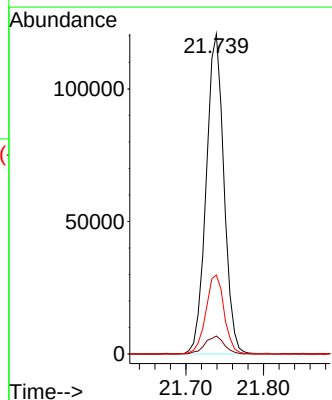
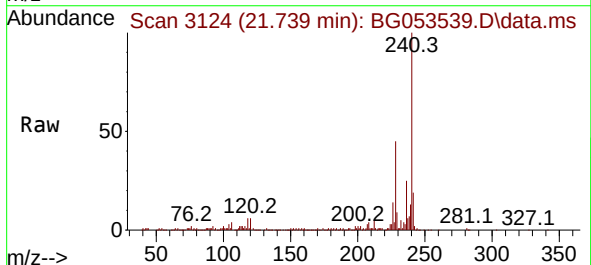
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

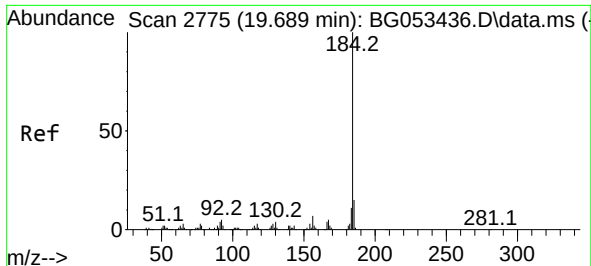
Tgt Ion:202 Resp: 685818
Ion Ratio Lower Upper
202 100
101 7.1 0.0 26.9
203 18.3 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:240 Resp: 191727
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 24.7 20.2 30.4

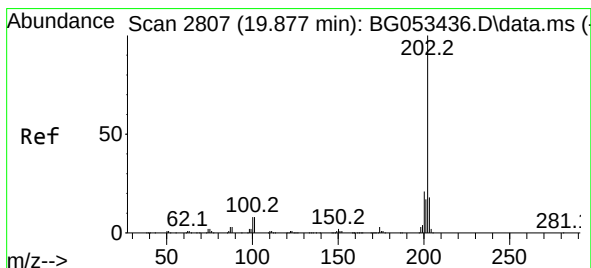
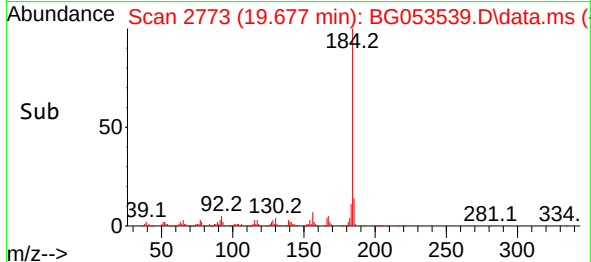
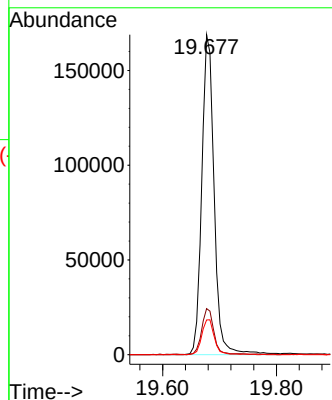
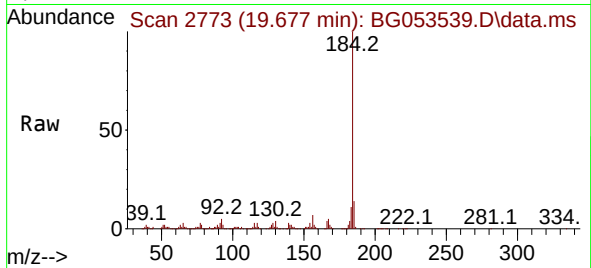




#77
Benzidine
Concen: 61.771 ng
RT: 19.677 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

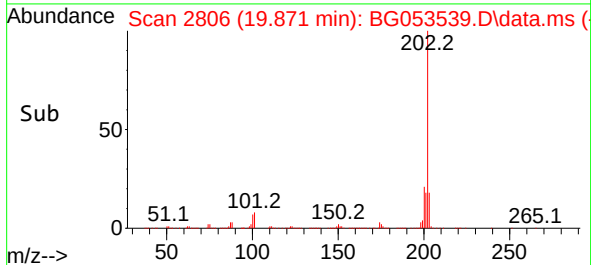
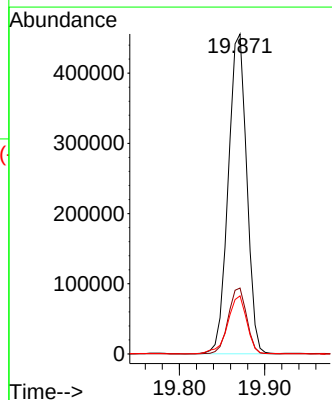
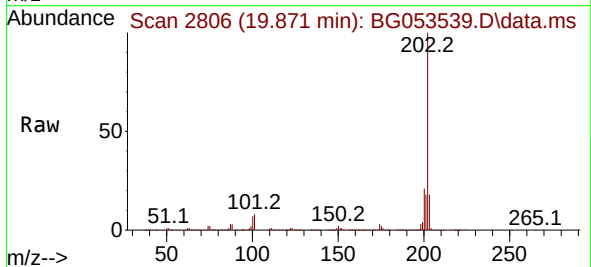
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

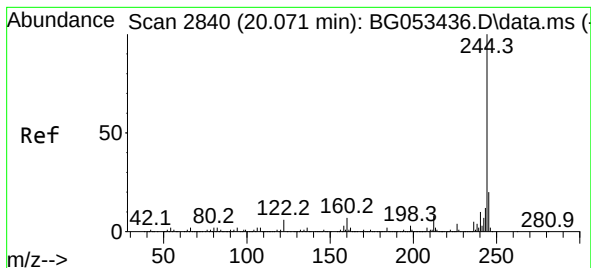
Tgt Ion:184 Resp: 255263
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 10.8 8.9 13.3



#78
Pyrene
Concen: 55.101 ng
RT: 19.871 min Scan# 2806
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:202 Resp: 683882
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 18.2 14.6 21.8





#79

Terphenyl-d14

Concen: 72.910 ng

RT: 20.059 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

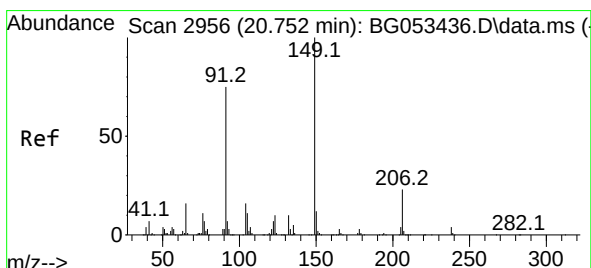
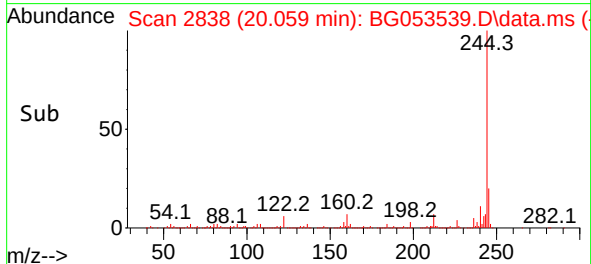
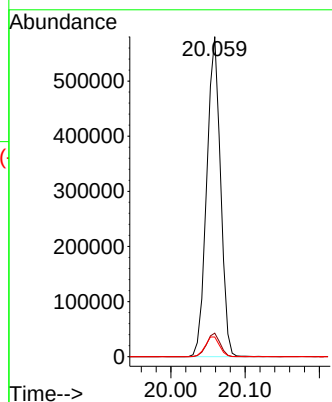
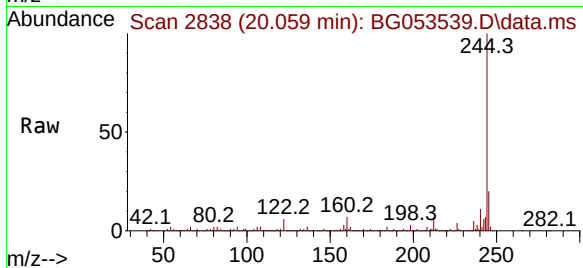
Tgt Ion:244 Resp: 750555

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 6.1 5.0 7.4



#80

Butylbenzylphthalate

Concen: 50.247 ng

RT: 20.741 min Scan# 2954

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

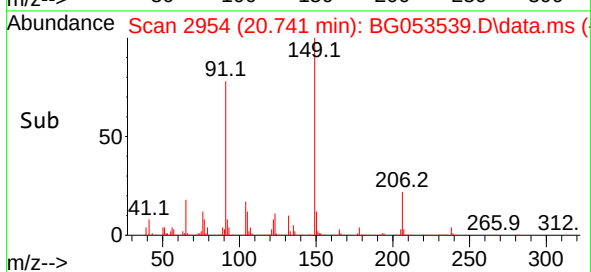
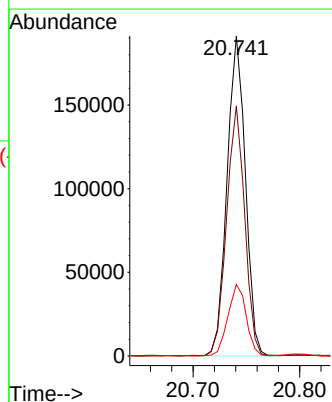
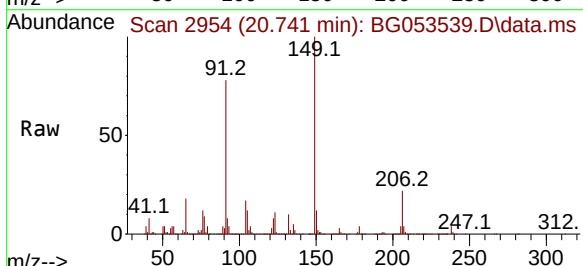
Tgt Ion:149 Resp: 228683

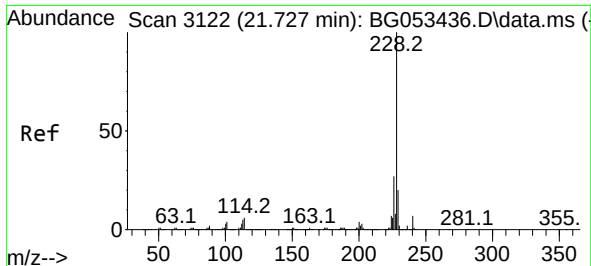
Ion Ratio Lower Upper

149 100

91 78.2 59.6 89.4

206 22.3 18.6 28.0

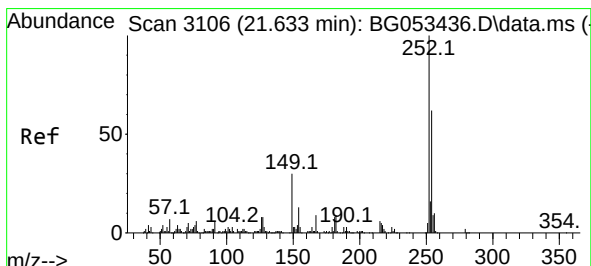
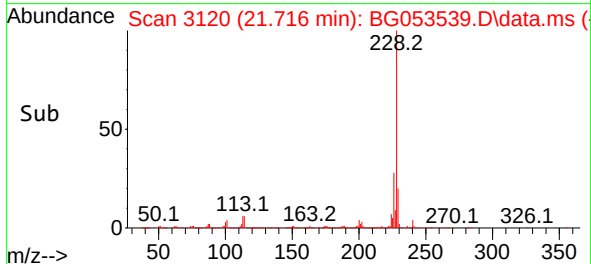
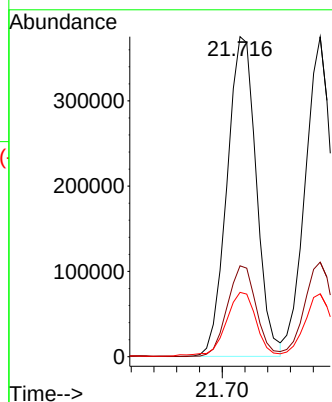
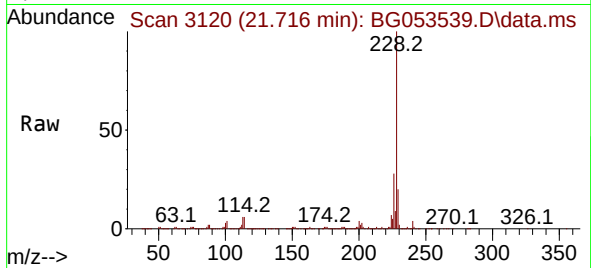




#81
Benzo(a)anthracene
Concen: 54.748 ng
RT: 21.716 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

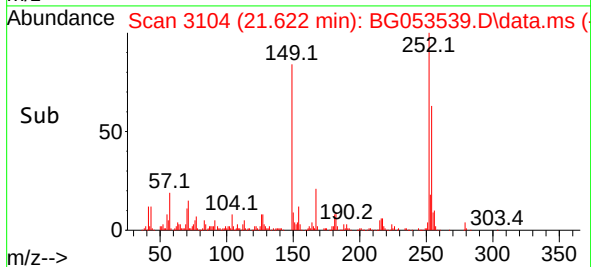
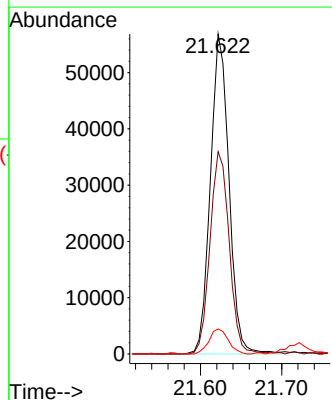
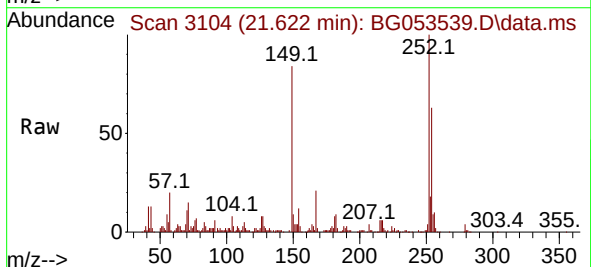
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

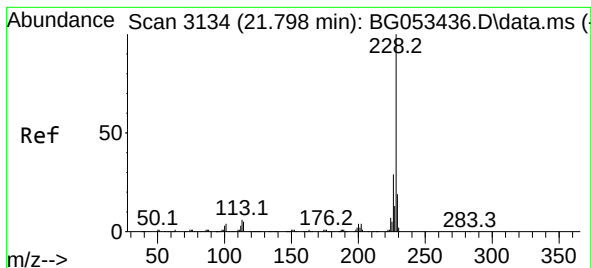
Tgt Ion:228 Resp: 669502
Ion Ratio Lower Upper
228 100
226 28.4 21.6 32.4
229 20.1 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 29.106 ng
RT: 21.622 min Scan# 3104
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:252 Resp: 90259
Ion Ratio Lower Upper
252 100
254 63.2 49.8 74.8
126 7.8 6.0 9.0





#83

Chrysene

Concen: 53.559 ng

RT: 21.786 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

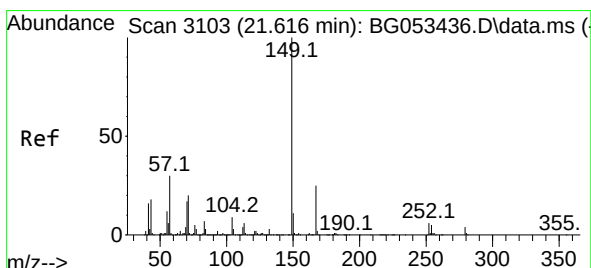
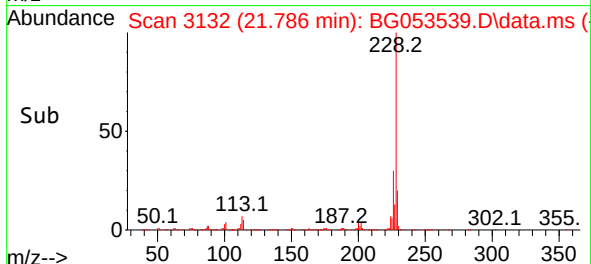
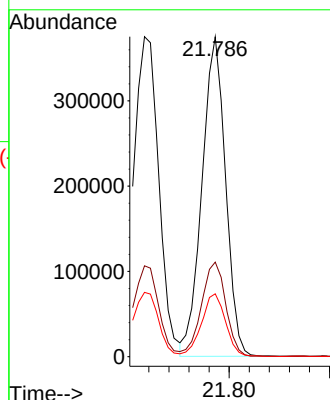
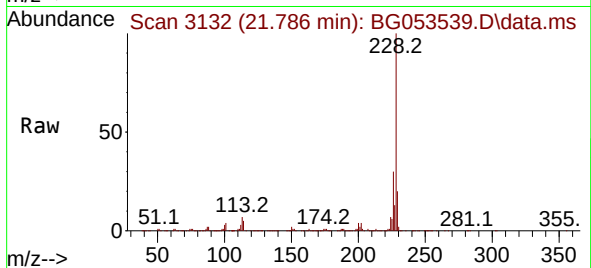
Tgt Ion:228 Resp: 611707

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.2

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.880 ng

RT: 21.604 min Scan# 3101

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

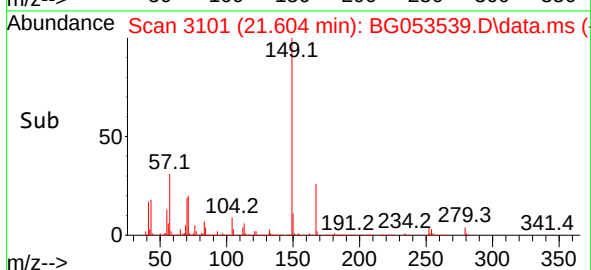
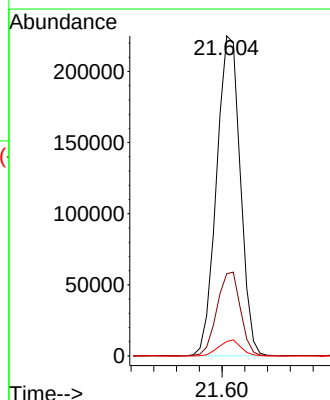
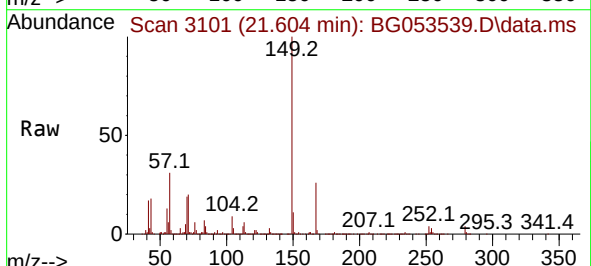
Tgt Ion:149 Resp: 325897

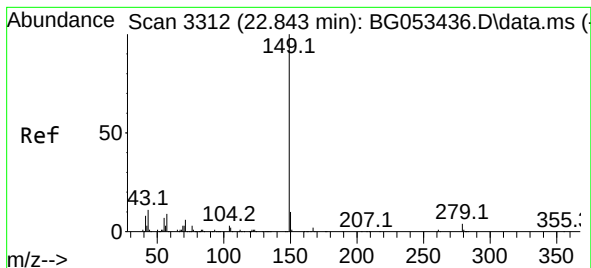
Ion Ratio Lower Upper

149 100

167 25.7 20.2 30.4

279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 52.587 ng

RT: 22.832 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

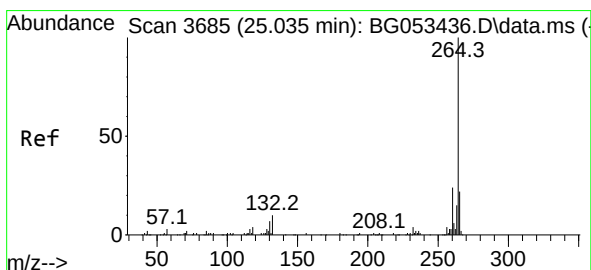
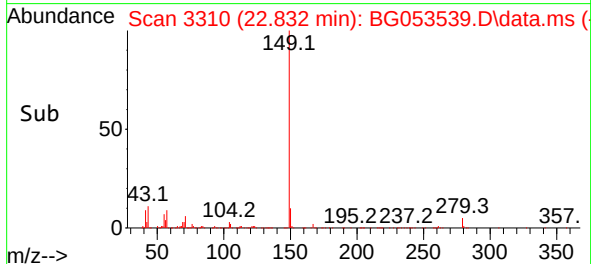
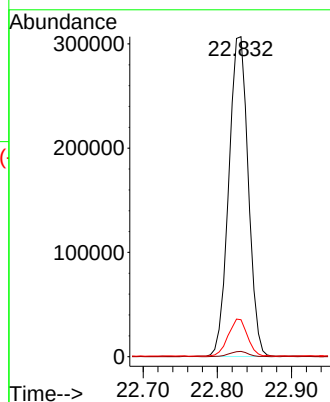
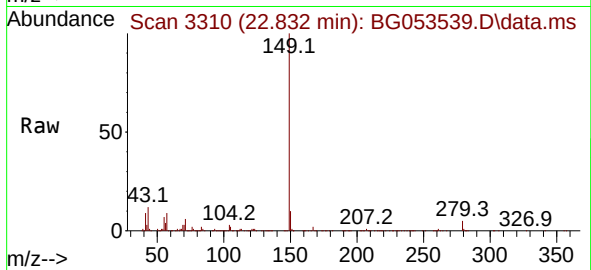
Tgt Ion:149 Resp: 558599

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.011 min Scan# 3681

Delta R.T. -0.008 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

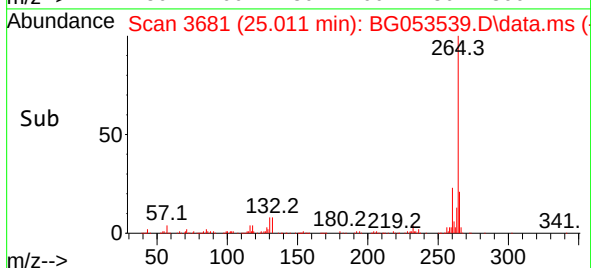
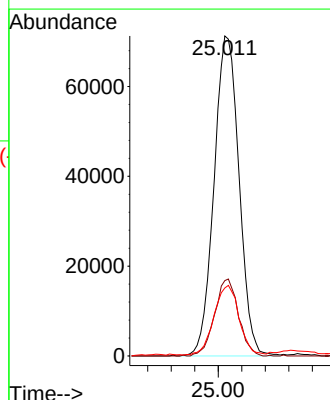
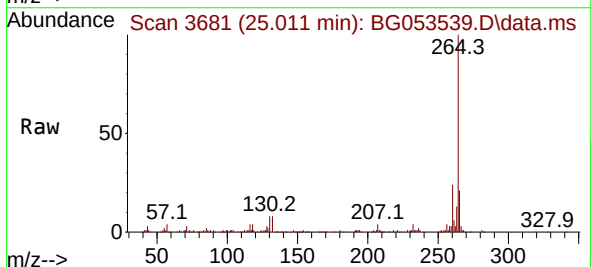
Tgt Ion:264 Resp: 209888

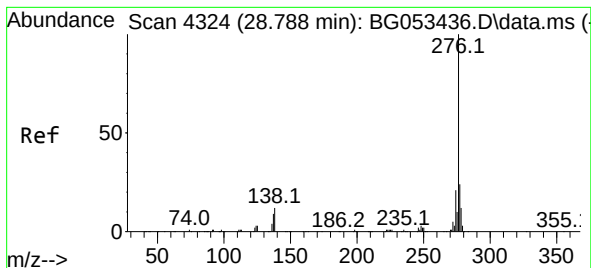
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.077 ng

RT: 28.783 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

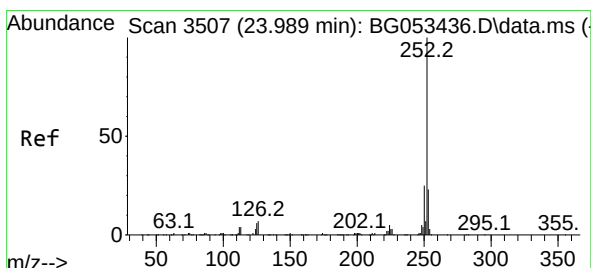
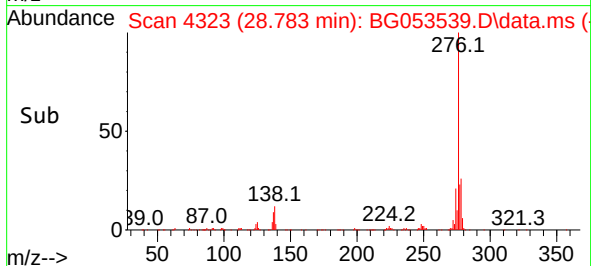
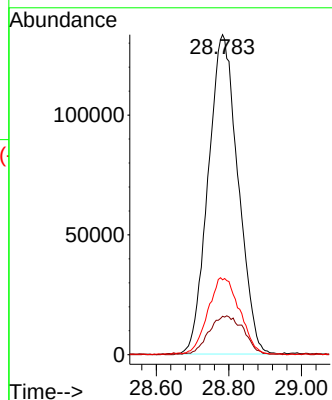
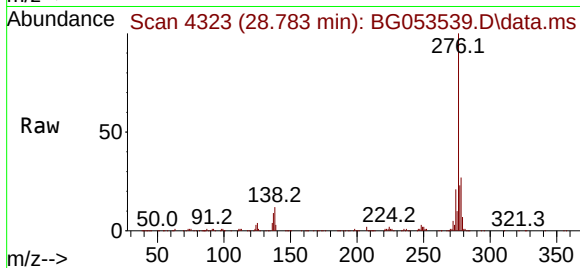
Tgt Ion:276 Resp: 761281

Ion Ratio Lower Upper

276 100

138 14.3 5.0 7.4#

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 61.964 ng

RT: 23.977 min Scan# 3505

Delta R.T. -0.002 min

Lab File: BG053539.D

Acq: 13 May 2022 12:23

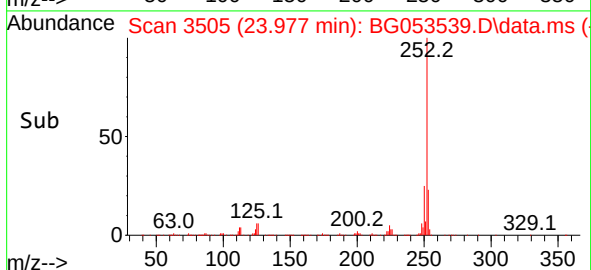
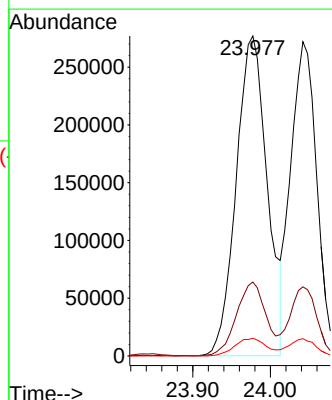
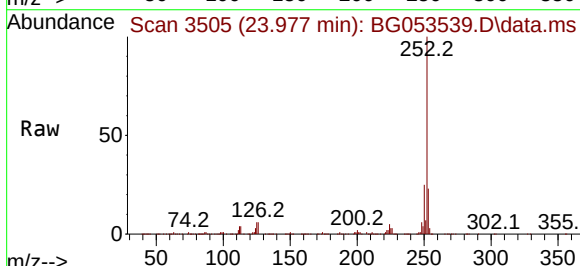
Tgt Ion:252 Resp: 769823

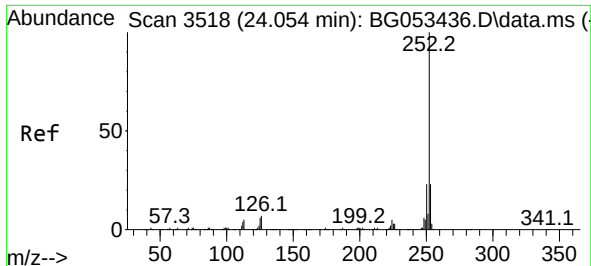
Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

125 5.6 4.6 6.8

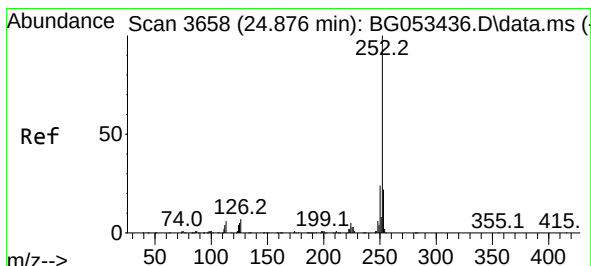
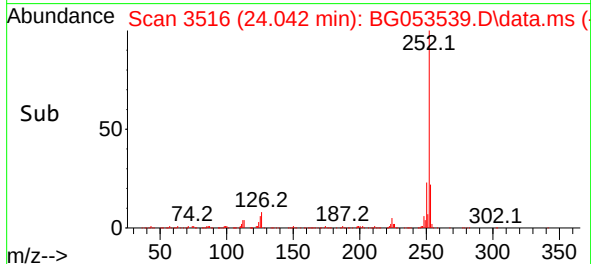
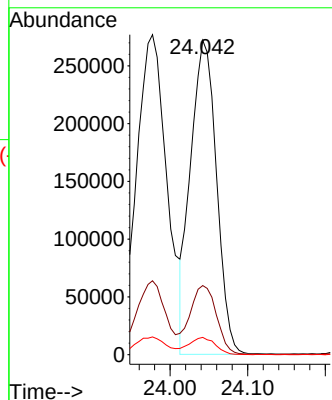
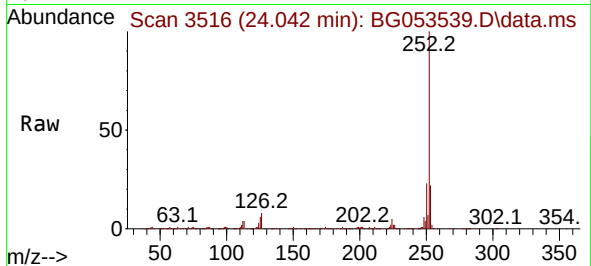




#89
Benzo(k)fluoranthene
Concen: 51.718 ng
RT: 24.042 min Scan# 3518
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

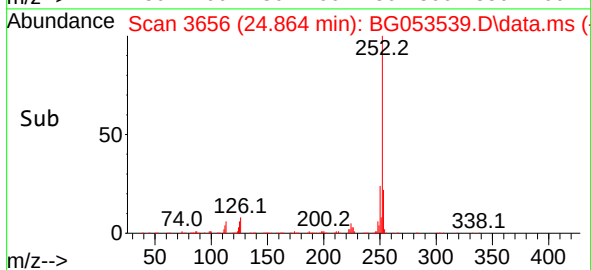
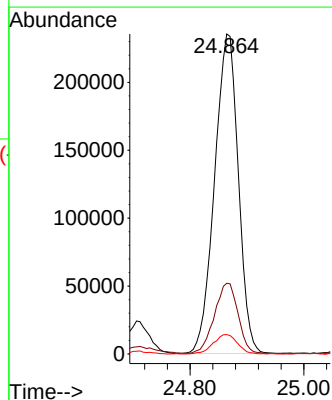
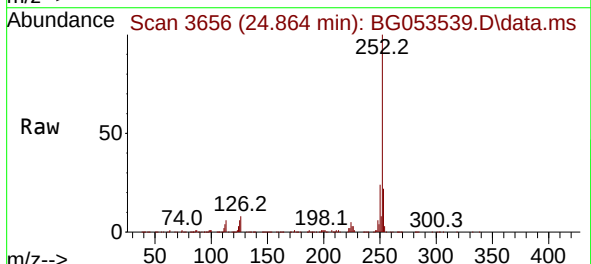
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

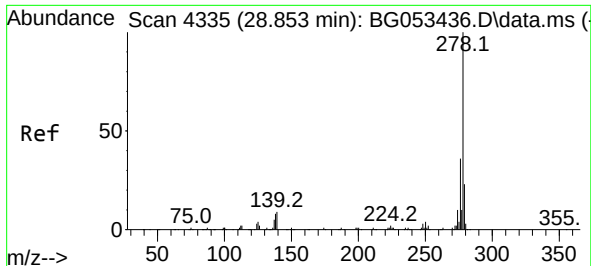
Tgt Ion:252 Resp: 631380
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 5.5 4.8 7.2



#90
Benzo(a)pyrene
Concen: 64.463 ng
RT: 24.864 min Scan# 3656
Delta R.T. -0.002 min
Lab File: BG053539.D
Acq: 13 May 2022 12:23

Tgt Ion:252 Resp: 681655
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 6.1 4.3 6.5

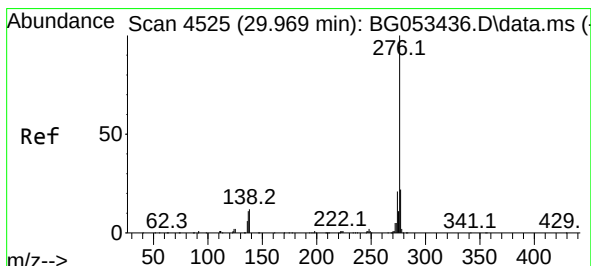
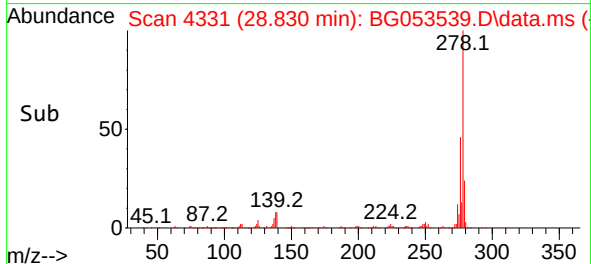
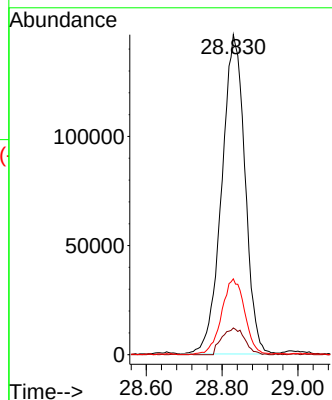
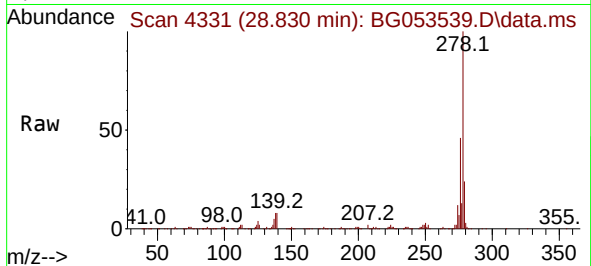




#91
 Dibenzo(a,h)anthracene
 Concen: 51.596 ng
 RT: 28.830 min Scan# 41
 Delta R.T. -0.008 min
 Lab File: BG053539.D
 Acq: 13 May 2022 12:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

Tgt Ion:278 Resp: 621495
 Ion Ratio Lower Upper
 278 100
 139 8.3 7.2 10.8
 279 23.7 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 55.935 ng
 RT: 29.957 min Scan# 4523
 Delta R.T. 0.003 min
 Lab File: BG053539.D
 Acq: 13 May 2022 12:23

Tgt Ion:276 Resp: 667861
 Ion Ratio Lower Upper
 276 100
 277 23.8 17.3 25.9
 138 11.2 9.6 14.4

