

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053551.D
 Acq On : 13 May 2022 20:24
 Operator : CG/JU
 Sample : N2762-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB16MSD

Quant Time: May 14 03:14:44 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	8.082	152	24117	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	99032	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	79215	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	193852	20.000	ng	0.00
76) Chrysene-d12	21.740	240	185198	20.000	ng	0.00
86) Perylene-d12	25.012	264	195528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	165862	116.719	ng	0.00
7) Phenol-d6	7.248	99	253071	117.344	ng	0.00
23) Nitrobenzene-d5	9.245	82	174093	74.833	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	131144	112.249	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	375738	69.312	ng	0.00
79) Terphenyl-d14	20.060	244	683685	68.756	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	29180	39.136	ng	# 90
3) Pyridine	3.929	79	72294	39.703	ng	98
4) n-Nitrosodimethylamine	3.841	42	44567	50.245	ng	96
6) Aniline	7.406	93	75511	31.612	ng	96
8) 2-Chlorophenol	7.653	128	81254	54.696	ng	95
9) Benzaldehyde	7.218	77	54477	39.762	ng	93
10) Phenol	7.277	94	115077	54.558	ng	94
11) bis(2-Chloroethyl)ether	7.494	93	74315	47.241	ng	96
12) 1,3-Dichlorobenzene	7.976	146	85600	48.843	ng	93
13) 1,4-Dichlorobenzene	8.117	146	86906	49.141	ng	97
14) 1,2-Dichlorobenzene	8.440	146	83979	50.569	ng	96
15) Benzyl Alcohol	8.323	79	96965	53.779	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.611	45	123981	48.424	ng	98
17) 2-Methylphenol	8.528	107	77508	54.367	ng	97
18) Hexachloroethane	9.174	117	32804	48.846	ng	96
19) n-Nitroso-di-n-propyla...	8.887	70	75889	49.044	ng	99
20) 3+4-Methylphenols	8.857	107	108674	53.974	ng	98
22) Acetophenone	8.904	105	131234	48.419	ng	# 98
24) Nitrobenzene	9.292	77	115825	51.439	ng	97
25) Isophorone	9.809	82	211701	54.071	ng	98
26) 2-Nitrophenol	10.003	139	48473	53.152	ng	96
27) 2,4-Dimethylphenol	10.062	122	82371	60.017	ng	98
28) bis(2-Chloroethoxy)met...	10.291	93	111557	49.541	ng	97
29) 2,4-Dichlorophenol	10.549	162	95203	57.475	ng	90
30) 1,2,4-Trichlorobenzene	10.761	180	94490	50.207	ng	99
31) Naphthalene	10.943	128	252380	50.100	ng	98
32) Benzoic acid	10.244	122	45002	51.668	ng	94
33) 4-Chloroaniline	11.054	127	32925	15.607	ng	95
34) Hexachlorobutadiene	11.230	225	69064	49.489	ng	97
35) Caprolactam	11.824	113	18300	30.402	ng	95
36) 4-Chloro-3-methylphenol	12.176	107	108086	54.551	ng	95
37) 2-Methylnaphthalene	12.546	142	189108	50.303	ng	96
38) 1-Methylnaphthalene	12.764	142	181165	49.392	ng	97
40) 1,2,4,5-Tetrachloroben...	12.916	216	126438	50.637	ng	99
41) Hexachlorocyclopentadiene	12.893	237	105016	100.685	ng	97
43) 2,4,6-Trichlorophenol	13.151	196	88881	54.532	ng	96

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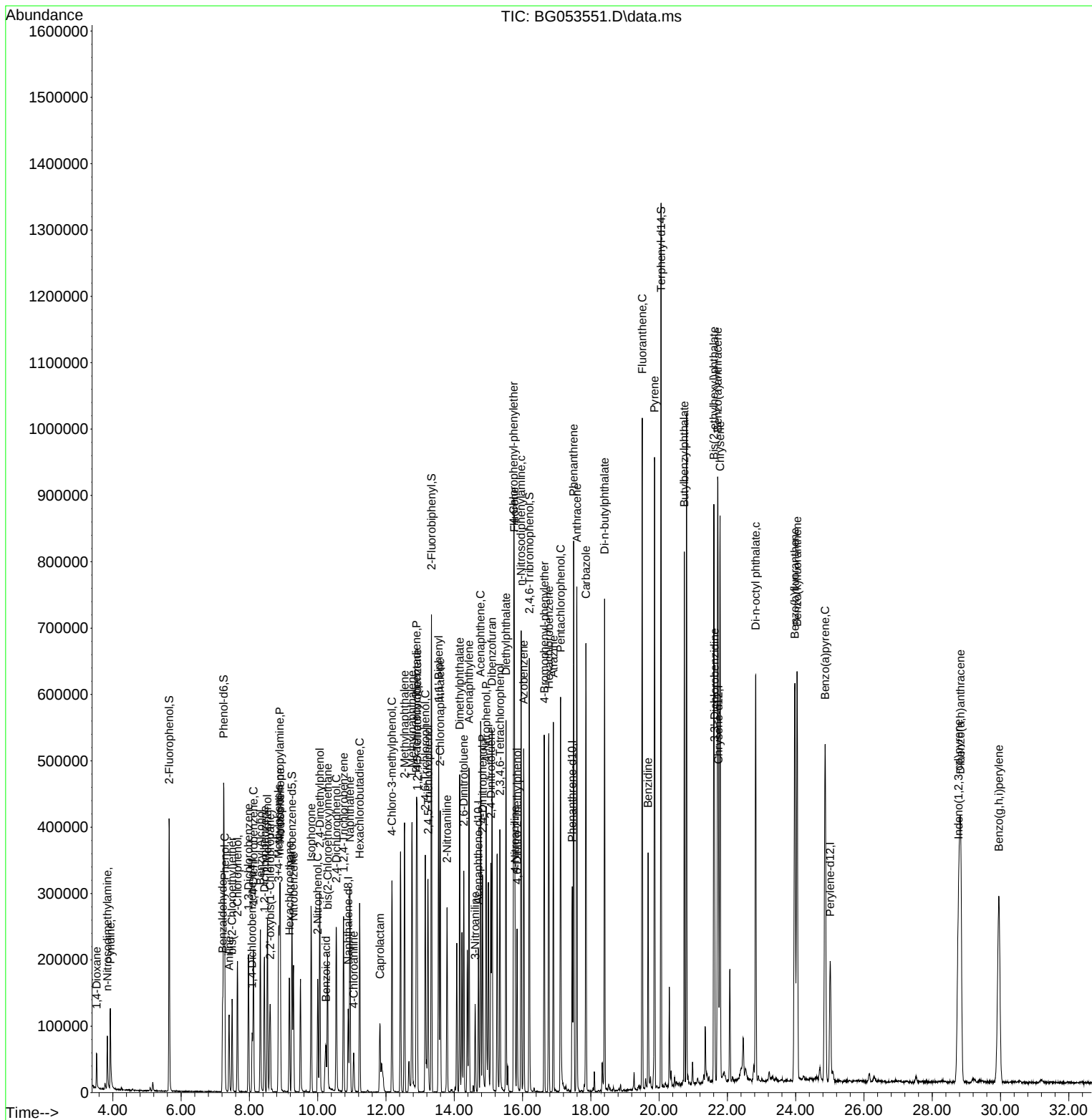
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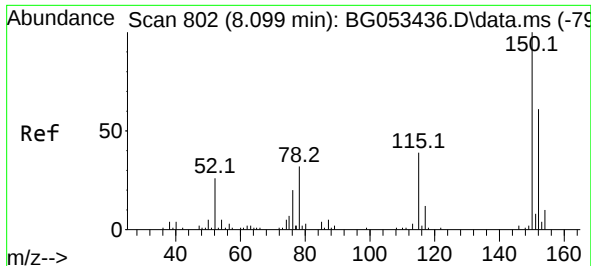
Quant Time: May 14 03:14:44 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	97326	56.106	ng	98
46) 1,1'-Biphenyl	13.545	154	269037	49.825	ng	99
47) 2-Chloronaphthalene	13.592	162	209067	49.420	ng	97
48) 2-Nitroaniline	13.792	65	85205	54.052	ng	99
49) Acenaphthylene	14.432	152	362305	53.669	ng	99
50) Dimethylphthalate	14.162	163	294399	48.907	ng	99
51) 2,6-Dinitrotoluene	14.279	165	65064	53.054	ng	97
52) Acenaphthene	14.773	154	206650	51.366	ng	99
53) 3-Nitroaniline	14.614	138	32138	24.253	ng	99
54) 2,4-Dinitrophenol	14.832	184	78702	99.451	ng	92
55) Dibenzofuran	15.108	168	353299	48.891	ng	98
56) 4-Nitrophenol	14.937	139	101490	107.232	ng	86
57) 2,4-Dinitrotoluene	15.072	165	90715	51.031	ng	# 84
58) Fluorene	15.760	166	291639	50.292	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.343	232	90389	51.356	ng	99
60) Diethylphthalate	15.519	149	303966	48.884	ng	98
61) 4-Chlorophenyl-phenyle...	15.742	204	162681	50.274	ng	98
62) 4-Nitroaniline	15.783	138	62575	45.529	ng	96
63) Azobenzene	16.036	77	312461	49.073	ng	99
65) 4,6-Dinitro-2-methylph...	15.842	198	58694	50.812	ng	98
66) n-Nitrosodiphenylamine	15.959	169	261866	51.451	ng	99
67) 4-Bromophenyl-phenylether	16.641	248	116021	51.247	ng	98
68) Hexachlorobenzene	16.770	284	127331	51.354	ng	97
69) Atrazine	16.905	200	110990	51.801	ng	96
70) Pentachlorophenol	17.117	266	134512	99.532	ng	93
71) Phenanthrene	17.498	178	523652	53.125	ng	97
72) Anthracene	17.592	178	504073	52.027	ng	99
73) Carbazole	17.857	167	453528	47.763	ng	99
74) Di-n-butylphthalate	18.403	149	517838	48.491	ng	99
75) Fluoranthene	19.508	202	659540	51.676	ng	99
77) Benzidine	19.678	184	216733	54.296	ng	98
78) Pyrene	19.866	202	651870	54.373	ng	99
80) Butylbenzylphthalate	20.741	149	228547	51.987	ng	97
81) Benzo(a)anthracene	21.716	228	635720	53.819	ng	99
82) 3,3'-Dichlorobenzidine	21.622	252	119034	39.738	ng	95
83) Chrysene	21.787	228	581988	52.753	ng	97
84) Bis(2-ethylhexyl)phtha...	21.605	149	322737	53.188	ng	98
85) Di-n-octyl phthalate	22.832	149	546713	53.283	ng	99
87) Indeno(1,2,3-cd)pyrene	28.771	276	717041	52.654	ng	# 98
88) Benzo(b)fluoranthene	23.978	252	660843	57.099	ng	99
89) Benzo(k)fluoranthene	24.043	252	626016	55.044	ng	99
90) Benzo(a)pyrene	24.865	252	636168	64.580	ng	97
91) Dibenzo(a,h)anthracene	28.830	278	600932	53.553	ng	99
92) Benzo(g,h,i)perylene	29.952	276	615194	55.308	ng	96

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

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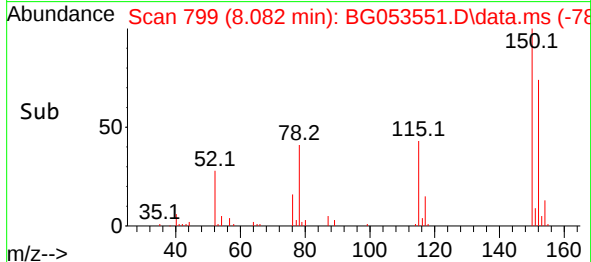
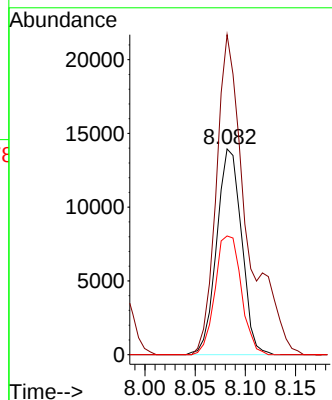
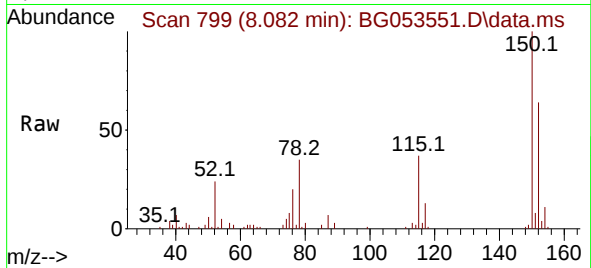




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 79
Delta R.T. -0.007 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

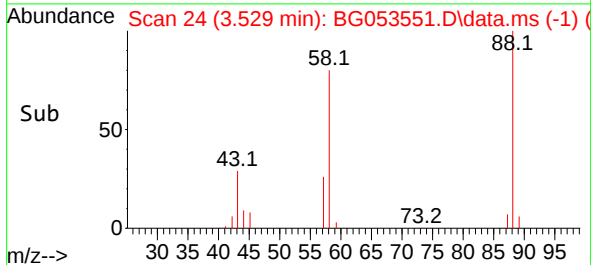
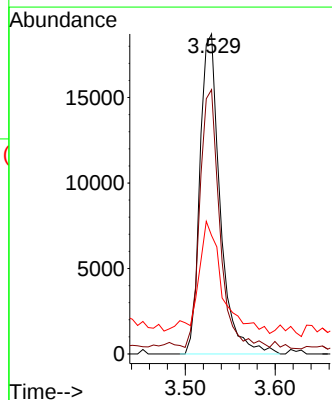
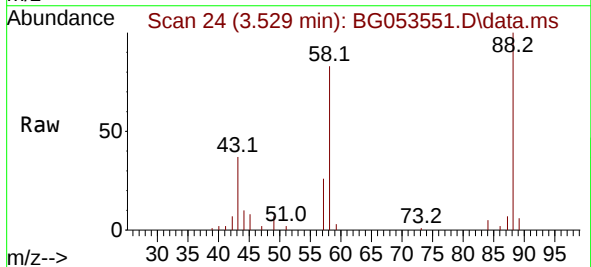
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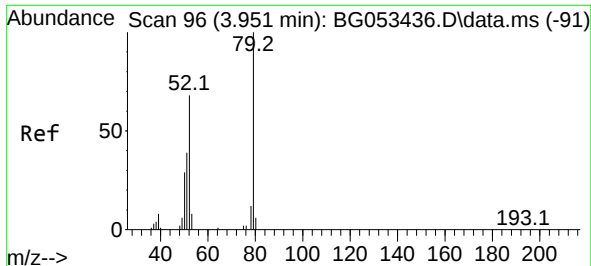
Tgt Ion:152 Resp: 24117
Ion Ratio Lower Upper
152 100
150 155.6 131.6 197.4
115 57.8 50.9 76.3



#2
1,4-Dioxane
Concen: 39.136 ng
RT: 3.529 min Scan# 24
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion: 88 Resp: 29180
Ion Ratio Lower Upper
88 100
58 78.5 59.2 88.8
43 41.8 24.3 36.5

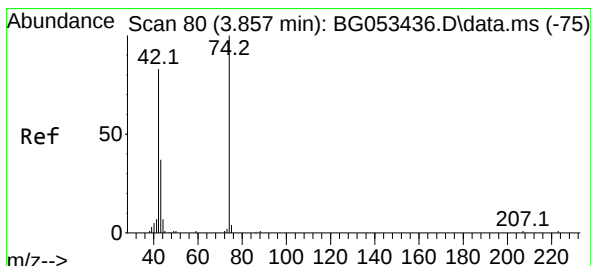
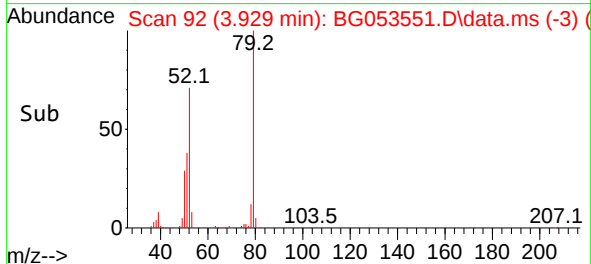
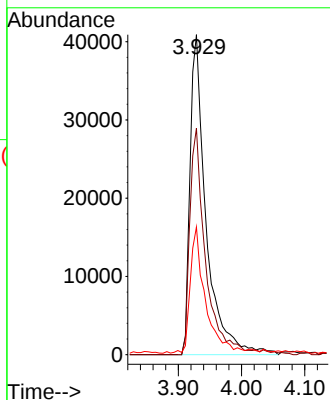
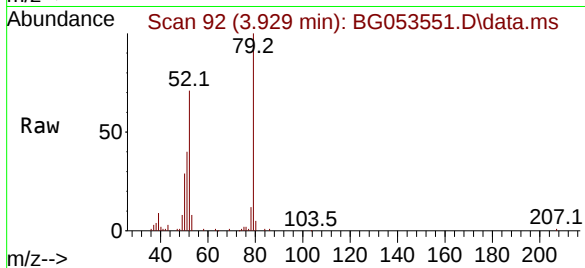




#3
 Pyridine
 Concen: 39.703 ng
 RT: 3.929 min Scan# 91
 Delta R.T. -0.008 min
 Lab File: BG053551.D
 Acq: 13 May 2022 20:24

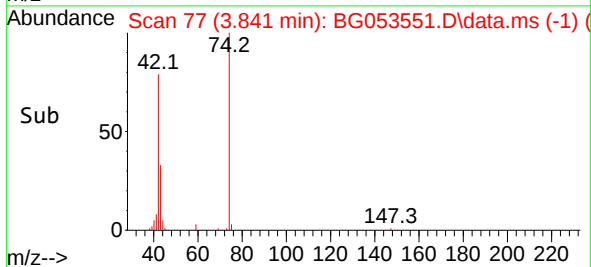
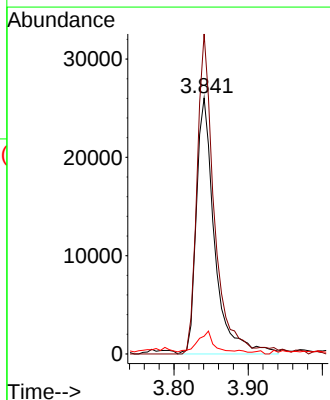
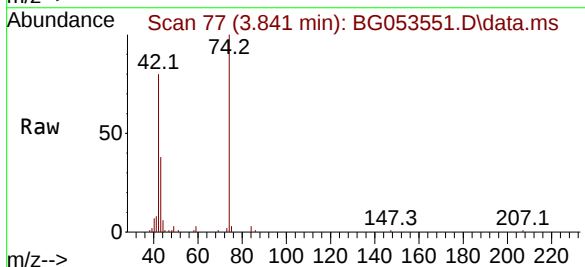
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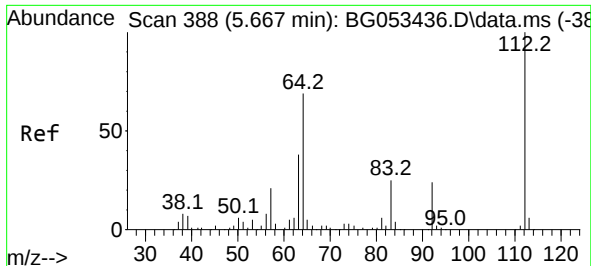
Tgt Ion: 79 Resp: 72294
 Ion Ratio Lower Upper
 79 100
 52 70.8 54.6 81.8
 51 39.9 32.5 48.7



#4
 n-Nitrosodimethylamine
 Concen: 50.245 ng
 RT: 3.841 min Scan# 77
 Delta R.T. -0.008 min
 Lab File: BG053551.D
 Acq: 13 May 2022 20:24

Tgt Ion: 42 Resp: 44567
 Ion Ratio Lower Upper
 42 100
 74 125.0 97.0 145.4
 44 7.0 7.0 10.4

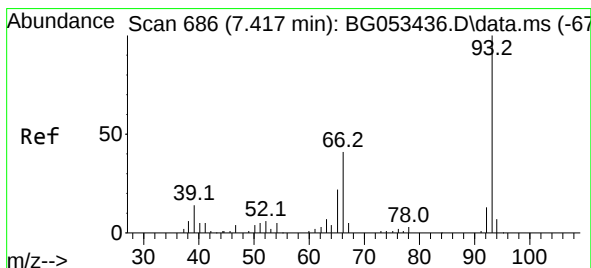
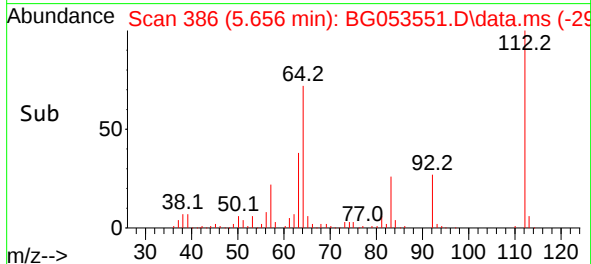
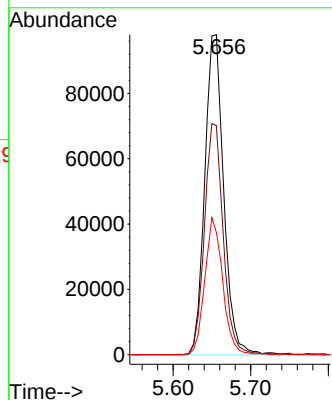
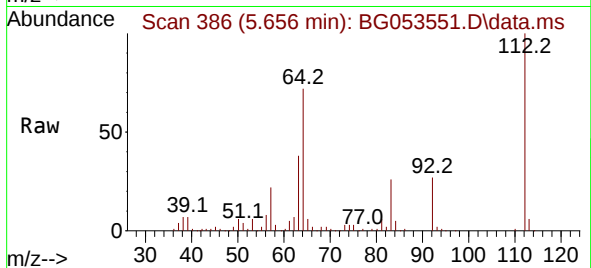




#5
2-Fluorophenol
Concen: 116.719 ng
RT: 5.656 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

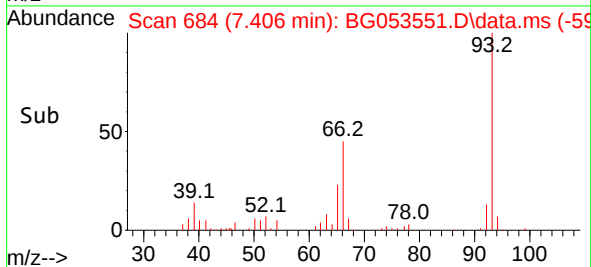
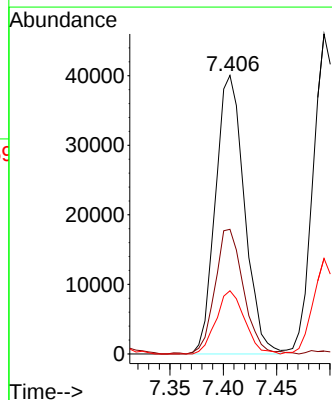
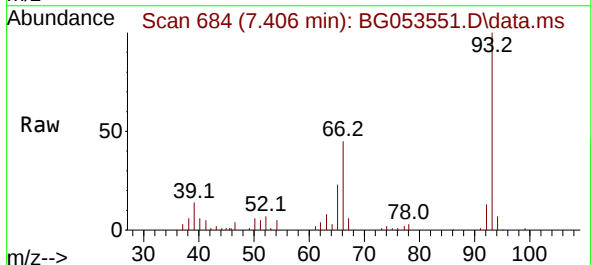
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ClientSampleId :
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Tgt Ion:112 Resp: 165862
Ion Ratio Lower Upper
112 100
64 71.6 55.1 82.7
63 38.2 30.4 45.6



#6
Aniline
Concen: 31.612 ng
RT: 7.406 min Scan# 684
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion: 93 Resp: 75511
Ion Ratio Lower Upper
93 100
66 44.7 32.9 49.3
65 22.7 17.8 26.8

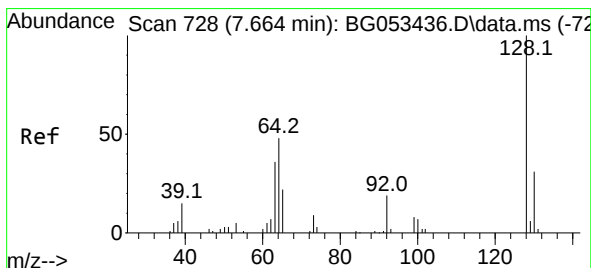
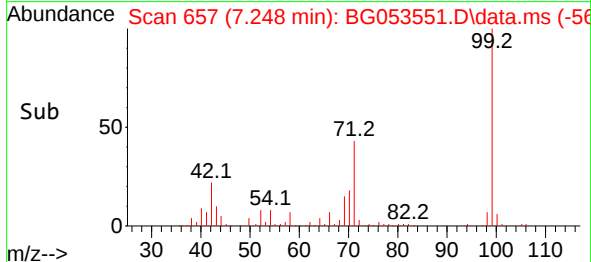
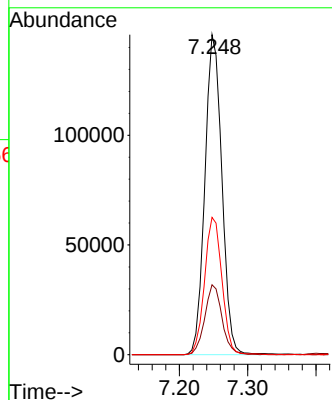
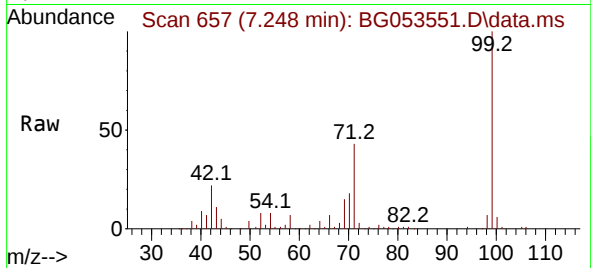




#7
Phenol-d6
Concen: 117.344 ng
RT: 7.248 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

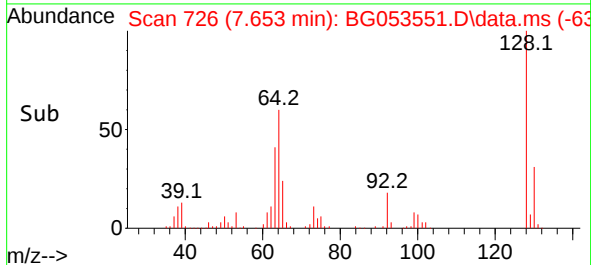
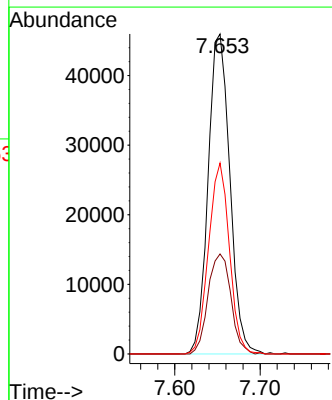
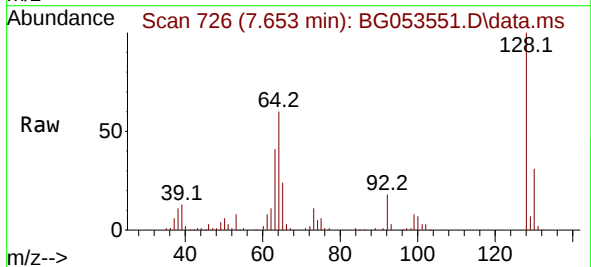
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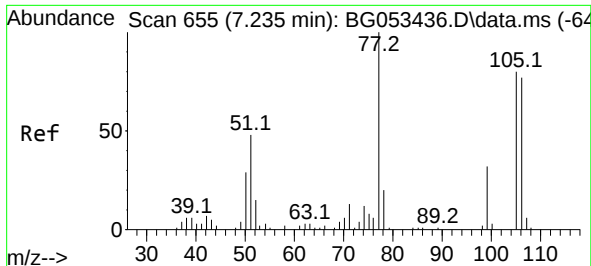
Tgt Ion: 99 Resp: 253071
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 42.9 33.8 50.8



#8
2-Chlorophenol
Concen: 54.696 ng
RT: 7.653 min Scan# 726
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion: 128 Resp: 81254
Ion Ratio Lower Upper
128 100
130 31.2 10.5 50.5
64 59.7 35.1 75.1

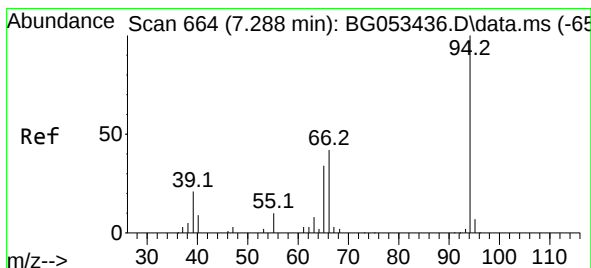
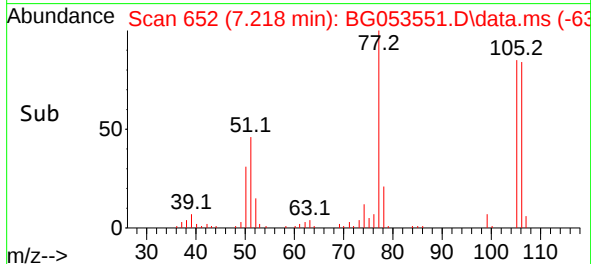
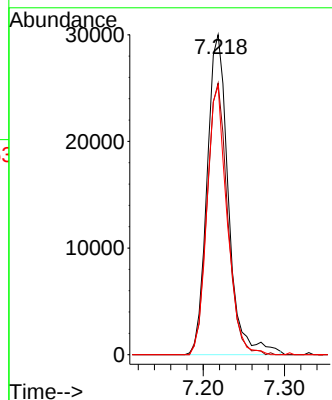
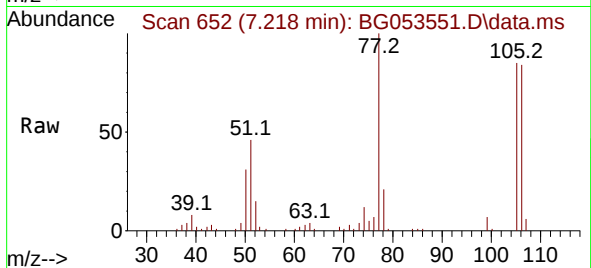




#9
Benzaldehyde
Concen: 39.762 ng
RT: 7.218 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

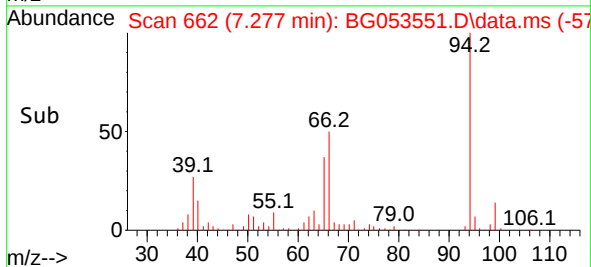
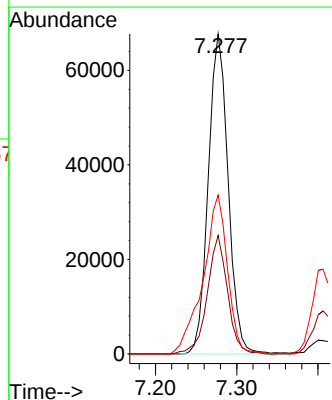
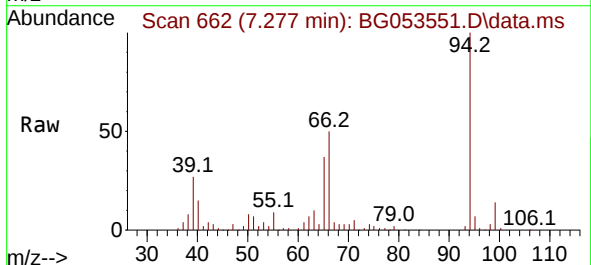
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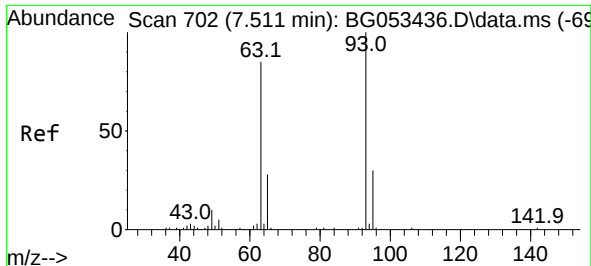
Tgt Ion: 77 Resp: 54477
Ion Ratio Lower Upper
77 100
105 84.8 59.6 99.6
106 84.0 56.8 96.8



#10
Phenol
Concen: 54.558 ng
RT: 7.277 min Scan# 662
Delta R.T. -0.002 min
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Tgt Ion: 94 Resp: 115077
Ion Ratio Lower Upper
94 100
65 37.1 14.8 54.8
66 49.7 25.2 65.2

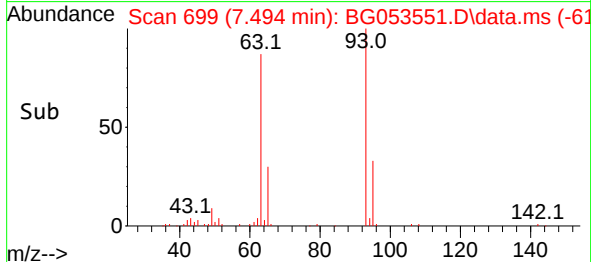
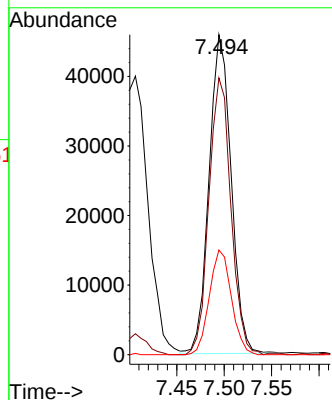
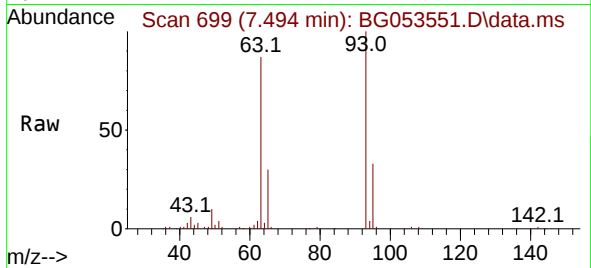




#11
bis(2-Chloroethyl)ether
Concen: 47.241 ng
RT: 7.494 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

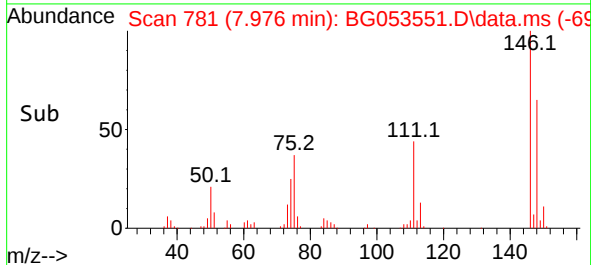
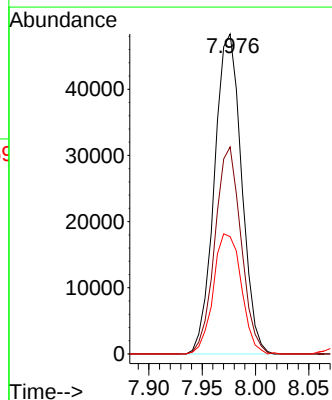
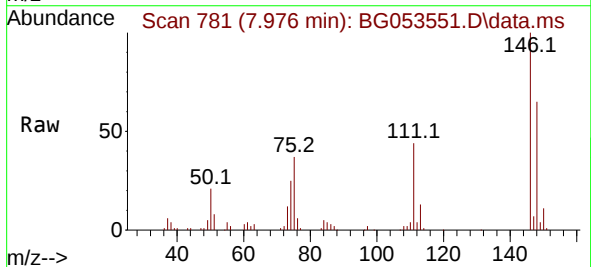
Instrument :
BNA_G
ClientSampleId :
SB16MSD

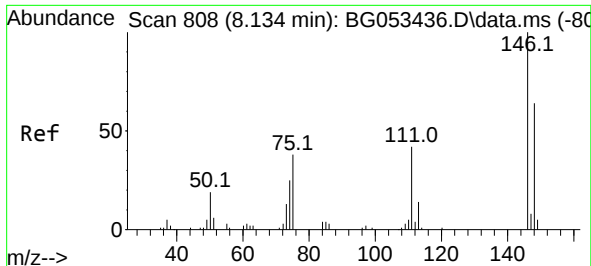
Tgt Ion: 93	Resp: 74315
Ion Ratio	Lower Upper
93 100	
63 86.5	63.6 103.6
95 32.7	10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 48.843 ng
RT: 7.976 min Scan# 781
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:146	Resp:	85600	
Ion	Ratio	Lower	Upper
146	100		
148	64.7	46.1	69.1
75	36.6	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 49.141 ng

RT: 8.117 min Scan# 80

Delta R.T. -0.008 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

Instrument :

BNA_G

ClientSampleId :

SB16MSD

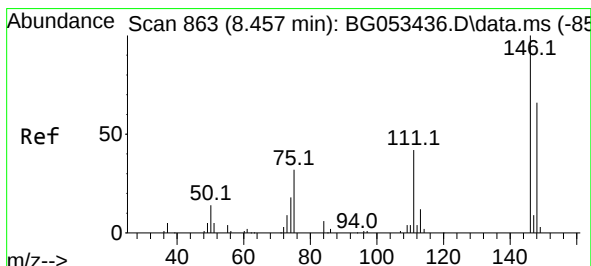
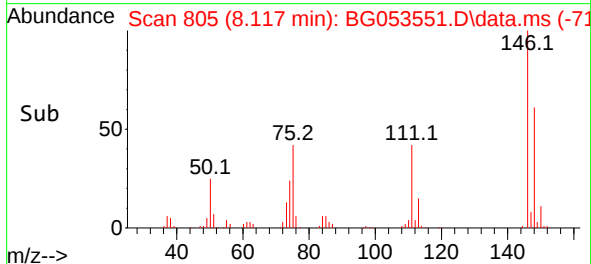
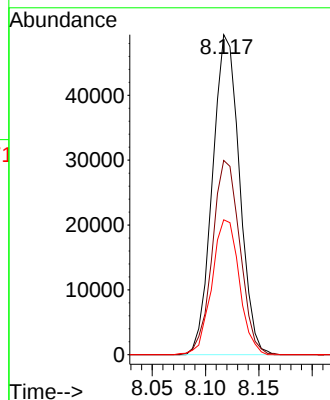
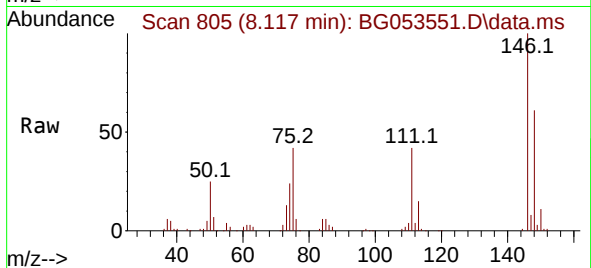
Tgt Ion:146 Resp: 86906

Ion Ratio Lower Upper

146 100

148 60.7 51.5 77.3

111 42.2 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 50.569 ng

RT: 8.440 min Scan# 860

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

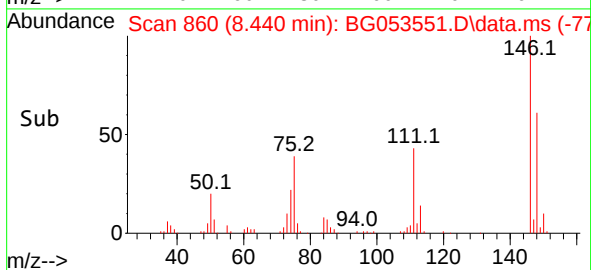
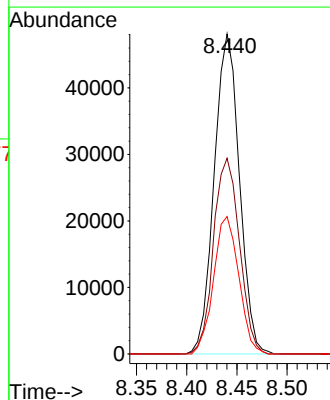
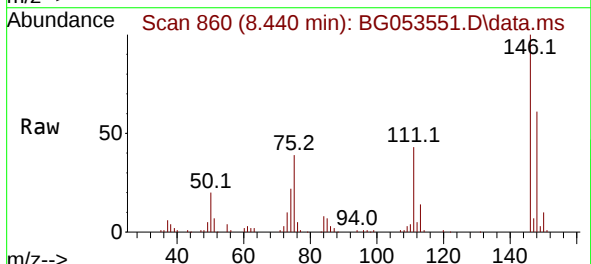
Tgt Ion:146 Resp: 83979

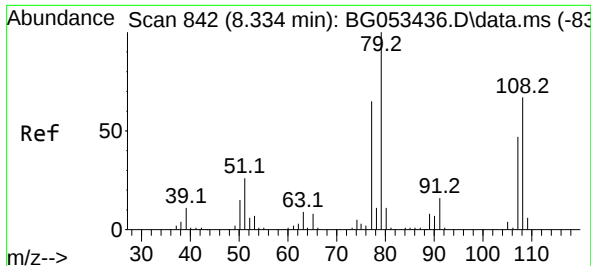
Ion Ratio Lower Upper

146 100

148 61.1 52.6 78.8

111 43.0 34.5 51.7

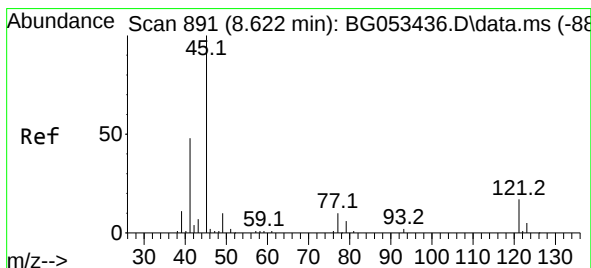
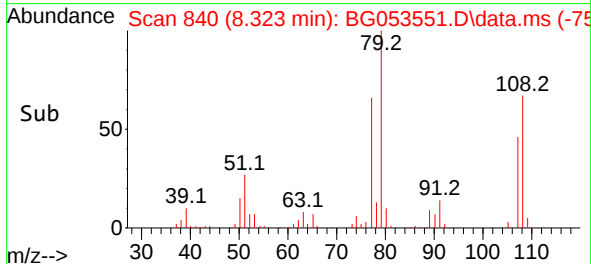
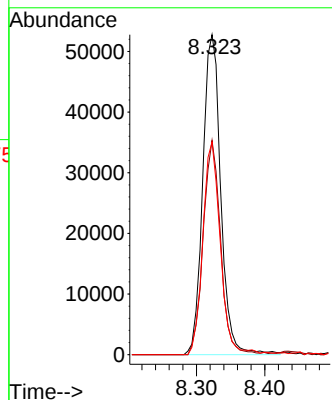
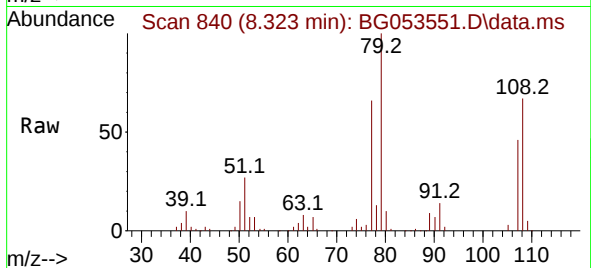




#15
Benzyl Alcohol
Concen: 53.779 ng
RT: 8.323 min Scan# 841
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

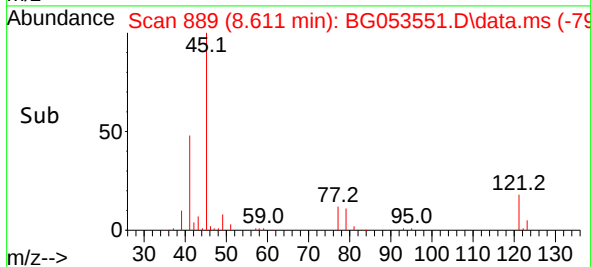
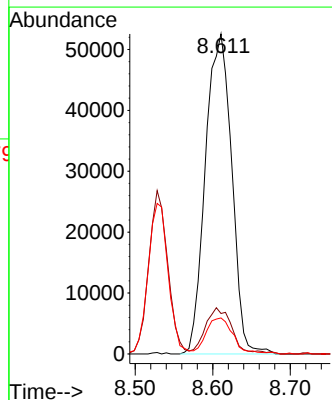
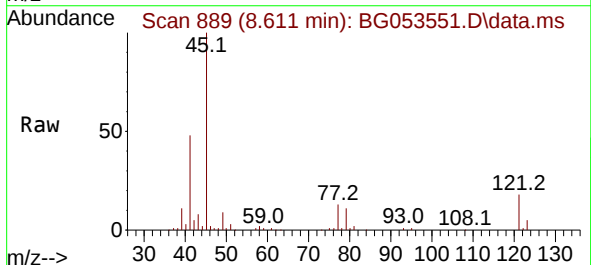
Instrument :
BNA_G
ClientSampleId :
SB16MSD

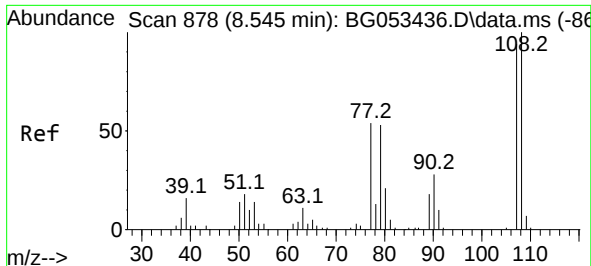
Tgt Ion: 79 Resp: 96965
Ion Ratio Lower Upper
79 100
108 66.9 53.7 80.5
77 66.4 52.2 78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.424 ng
RT: 8.611 min Scan# 889
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion: 45 Resp: 123981
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.7
79 11.3 0.0 29.7

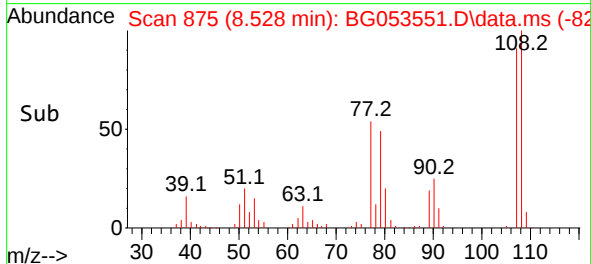
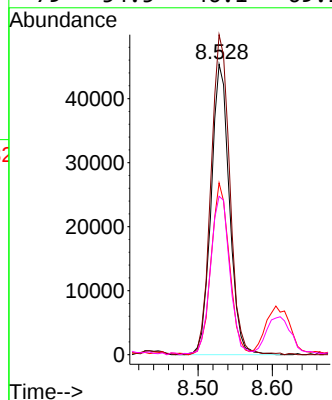
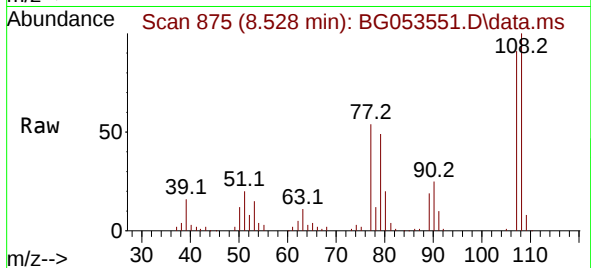




#17
2-Methylphenol
Concen: 54.367 ng
RT: 8.528 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

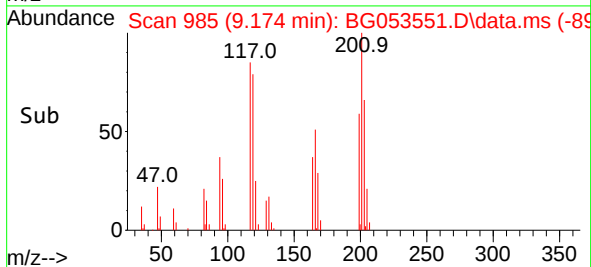
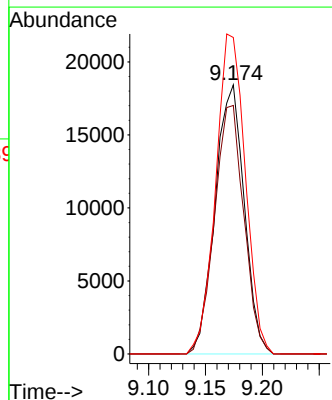
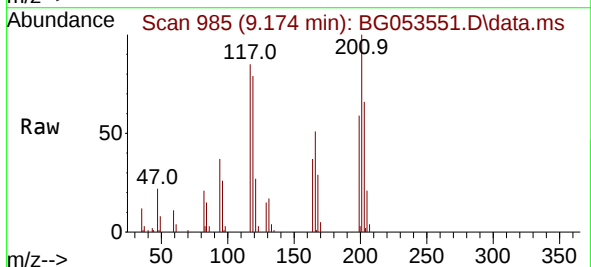
Instrument :
BNA_G
ClientSampleId :
SB16MSD

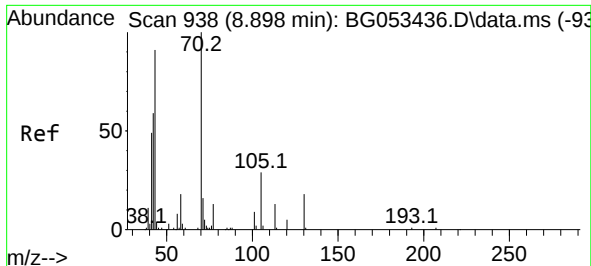
Tgt Ion:	107	Resp:	77508
Ion	Ratio	Lower	Upper
107	100		
108	110.2	85.4	128.0
77	59.2	46.2	69.2
79	54.5	46.1	69.1



#18
Hexachloroethane
Concen: 48.846 ng
RT: 9.174 min Scan# 985
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:	117	Resp:	32804
Ion	Ratio	Lower	Upper
117	100		
119	92.3	75.0	112.6
201	117.6	89.0	133.6



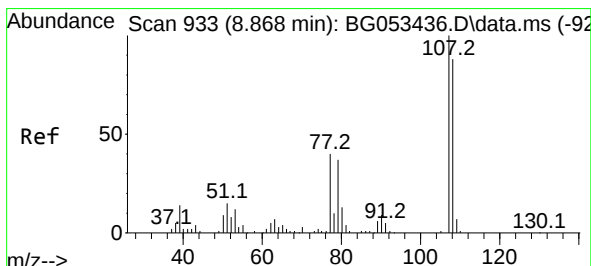
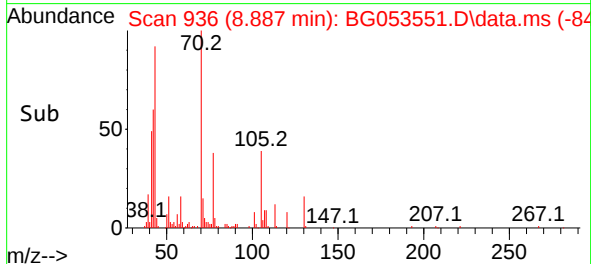
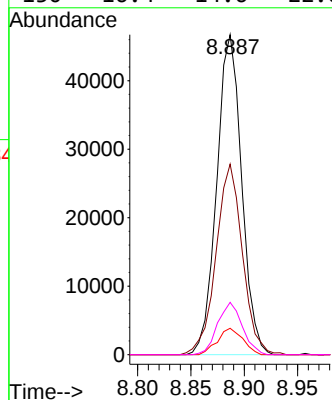
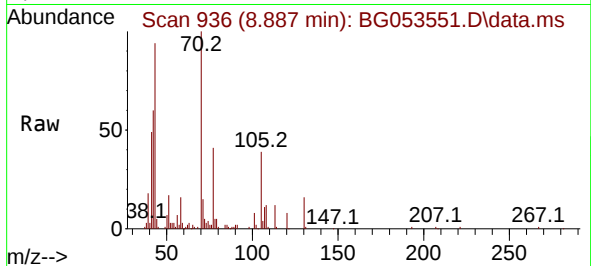


#19
n-Nitroso-di-n-propylamine
Concen: 49.044 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion: 70 Resp: 75889

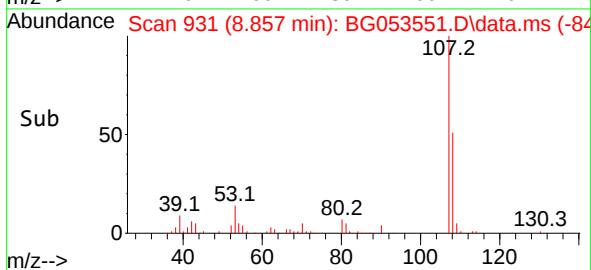
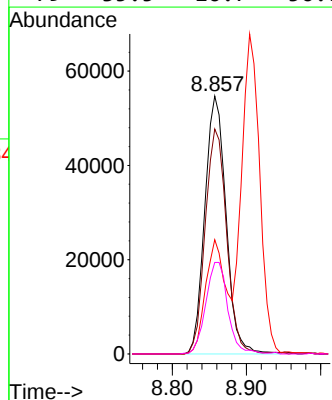
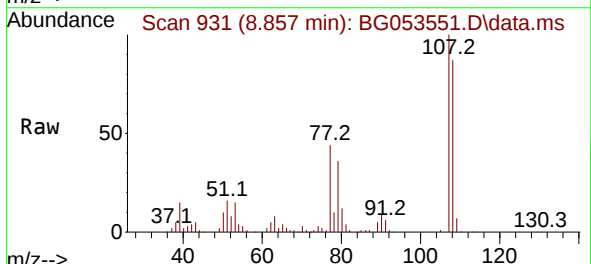
Ion	Ratio	Lower	Upper
70	100		
42	59.5	47.3	70.9
101	8.2	7.0	10.4
130	16.4	14.6	22.0

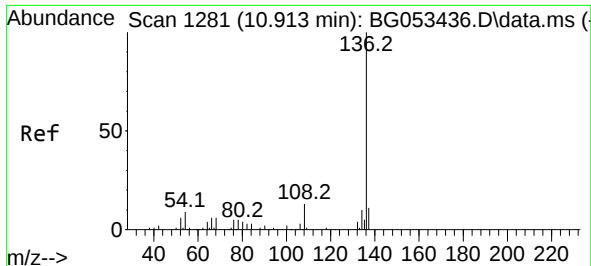


#20
3+4-Methylphenols
Concen: 53.974 ng
RT: 8.857 min Scan# 931
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion: 107 Resp: 108674

Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.5	107.5
77	44.3	20.3	60.3
79	35.5	16.7	56.7

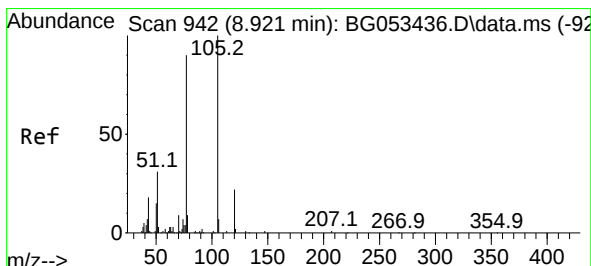
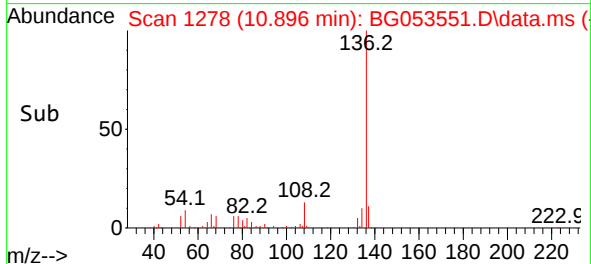
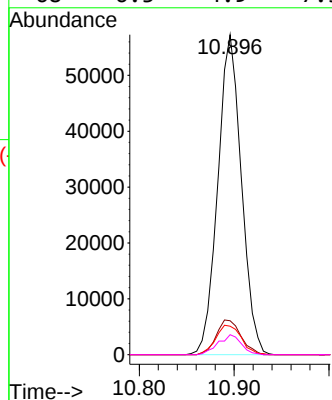
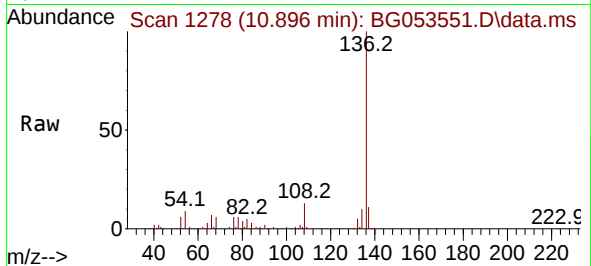




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

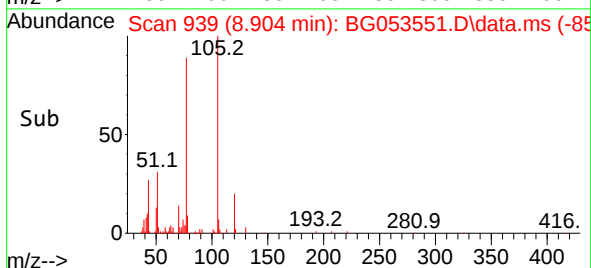
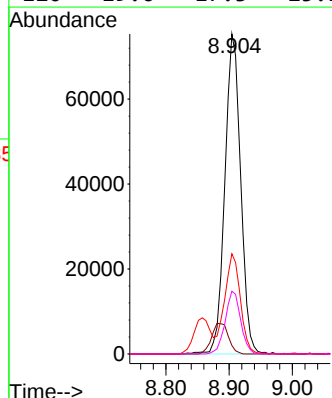
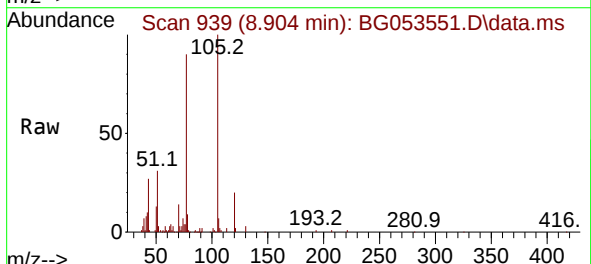
Instrument :
BNA_G
ClientSampleId :
SB16MSD

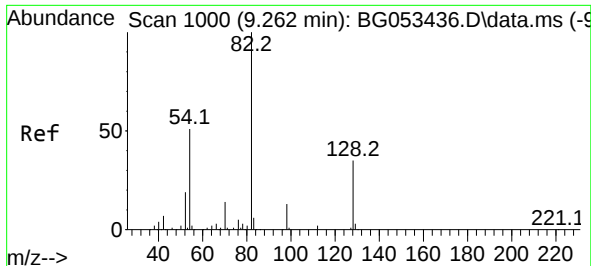
Tgt Ion:	136	Resp:	99032
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	8.9	7.4	11.2
68	6.3	4.9	7.3



#22
Acetophenone
Concen: 48.419 ng
RT: 8.904 min Scan# 939
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:	105	Resp:	131234
Ion Ratio	Lower	Upper	
105	100		
71	2.6	1.1	1.7#
51	31.3	25.4	38.0
120	19.6	17.3	25.9

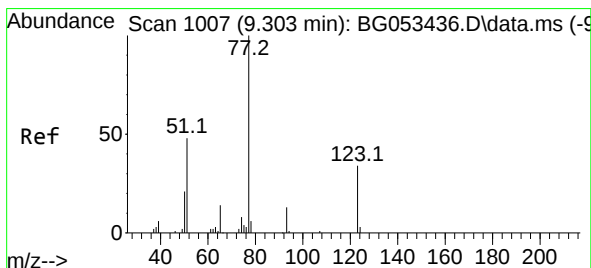
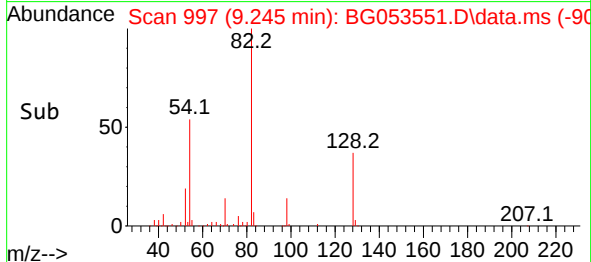
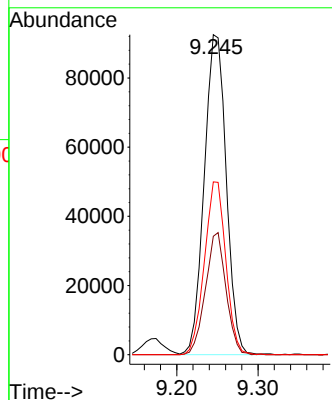
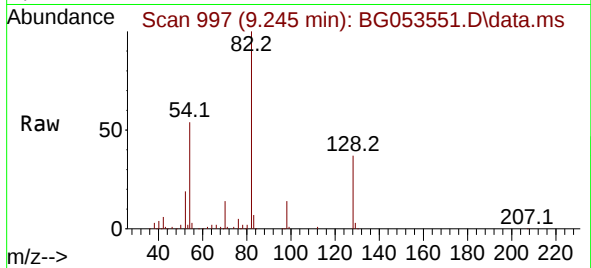




#23
Nitrobenzene-d5
Concen: 74.833 ng
RT: 9.245 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

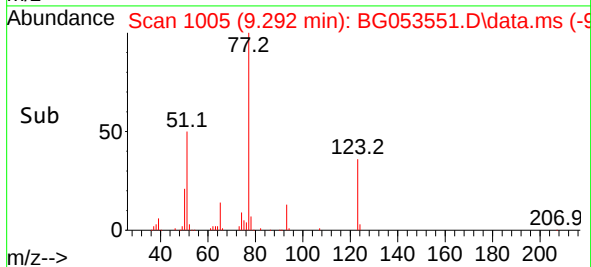
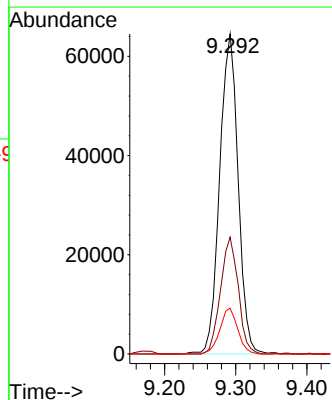
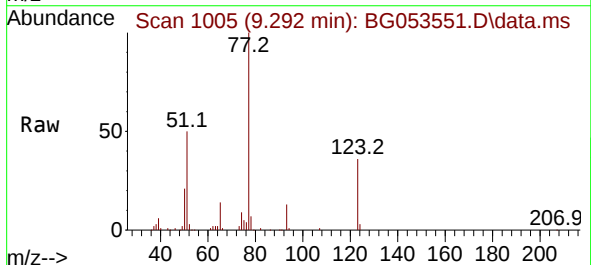
Instrument :
BNA_G
ClientSampleId :
SB16MSD

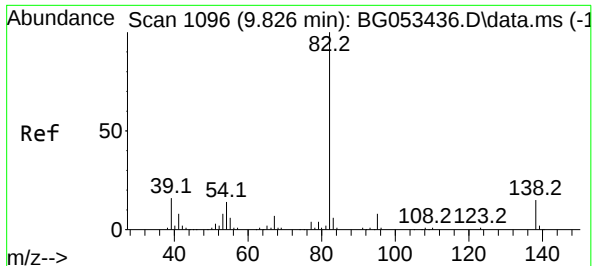
Tgt Ion: 82 Resp: 174093
Ion Ratio Lower Upper
82 100
128 37.0 27.9 41.9
54 54.0 41.2 61.8



#24
Nitrobenzene
Concen: 51.439 ng
RT: 9.292 min Scan# 1005
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion: 77 Resp: 115825
Ion Ratio Lower Upper
77 100
123 36.5 27.4 41.0
65 14.3 11.4 17.0

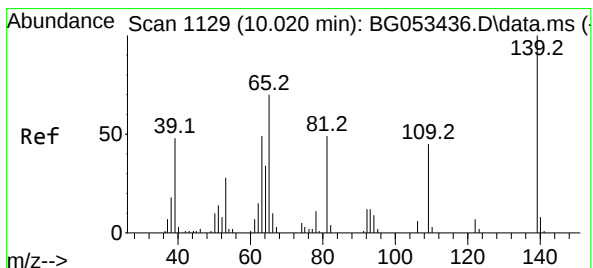
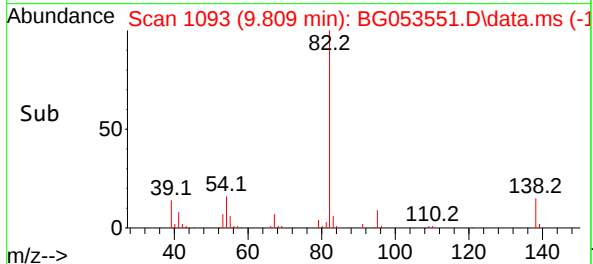
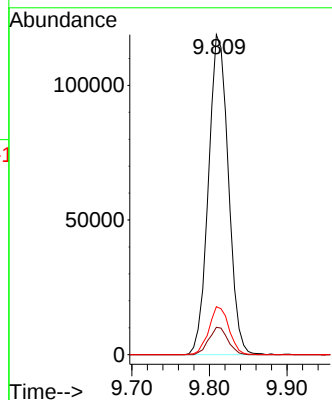
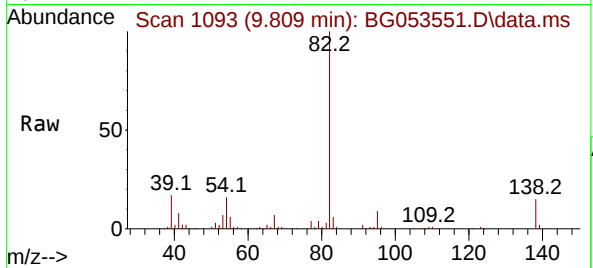




#25
Isophorone
Concen: 54.071 ng
RT: 9.809 min Scan# 1109
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

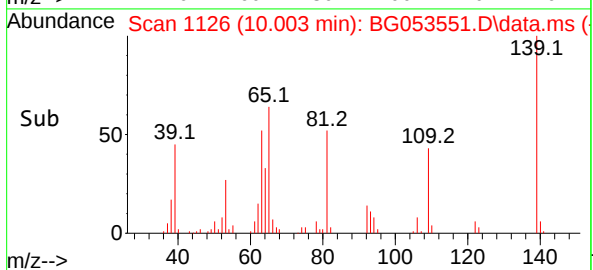
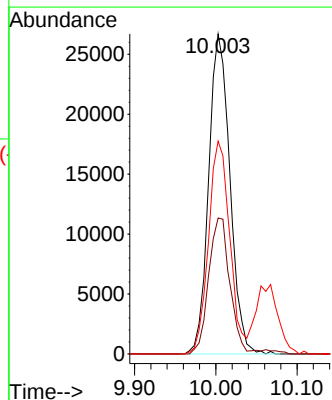
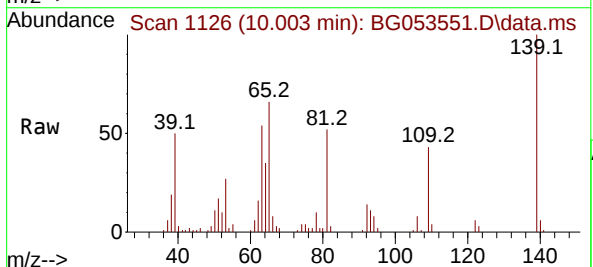
Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion: 82 Resp: 211701
Ion Ratio Lower Upper
82 100
95 8.5 6.2 9.4
138 15.0 11.6 17.4



#26
2-Nitrophenol
Concen: 53.152 ng
RT: 10.003 min Scan# 1126
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion: 139 Resp: 48473
Ion Ratio Lower Upper
139 100
109 42.5 36.1 54.1
65 66.5 55.8 83.6

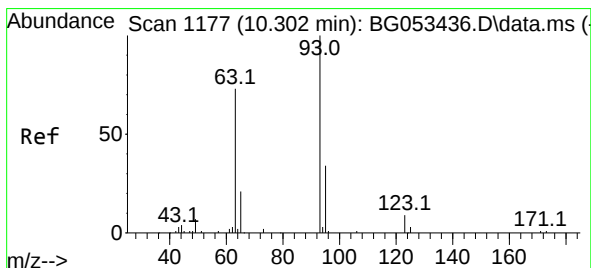
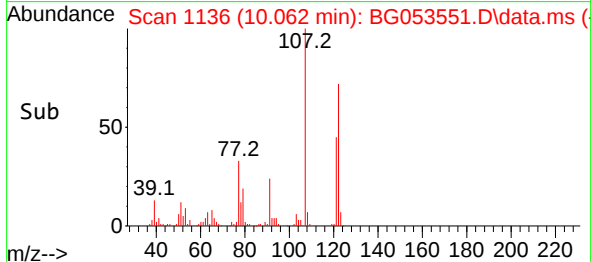
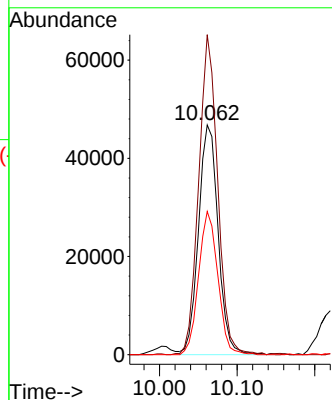
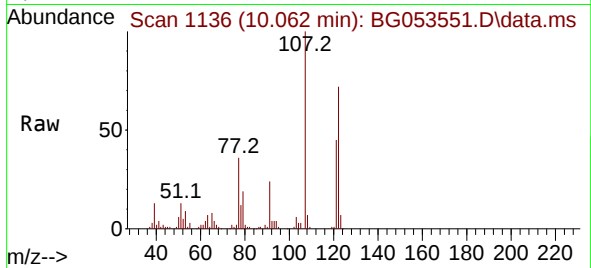




#27
2,4-Dimethylphenol
Concen: 60.017 ng
RT: 10.062 min Scan# 1136
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

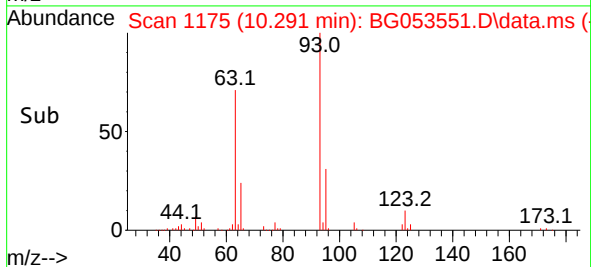
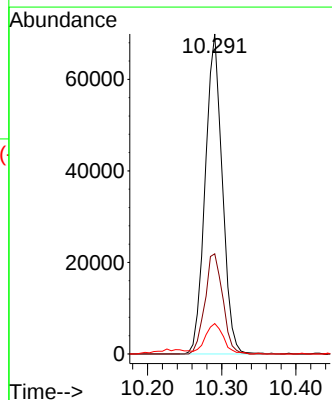
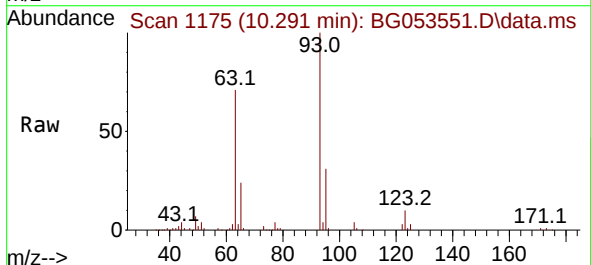
Instrument :
BNA_G
ClientSampleId :
SB16MSD

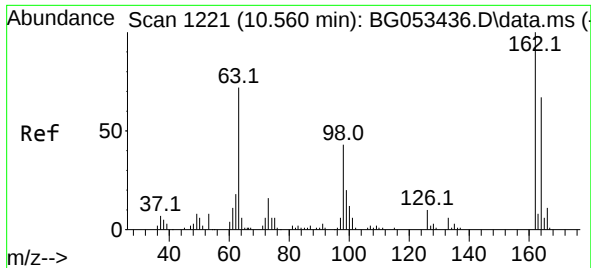
Tgt Ion:122 Resp: 82371
Ion Ratio Lower Upper
122 100
107 139.2 109.4 164.0
121 62.3 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 49.541 ng
RT: 10.291 min Scan# 1175
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion: 93 Resp: 111557
Ion Ratio Lower Upper
93 100
95 31.3 26.9 40.3
123 9.5 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 57.475 ng

RT: 10.549 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

Instrument :

BNA_G

ClientSampleId :

SB16MSD

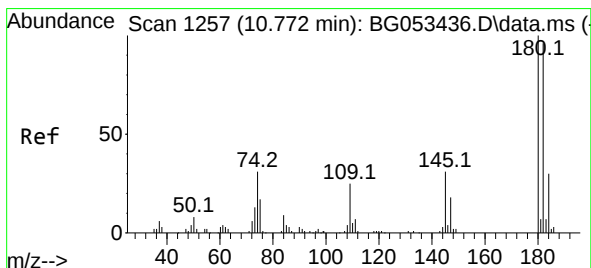
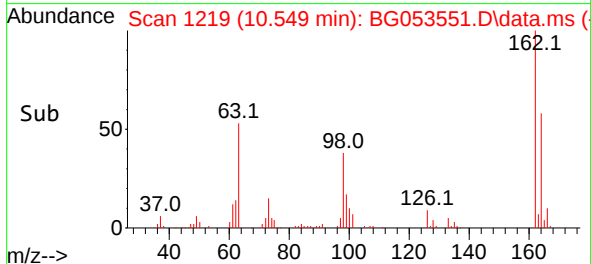
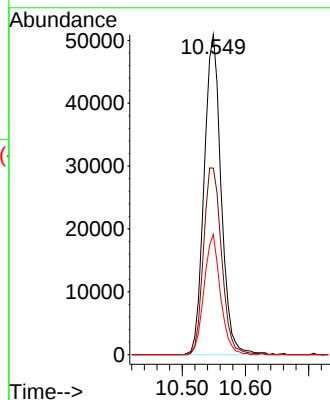
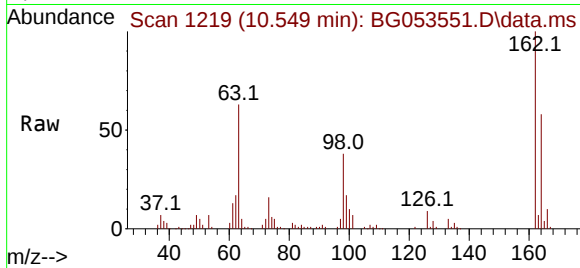
Tgt Ion:162 Resp: 95203

Ion Ratio Lower Upper

162 100

164 58.3 46.6 86.6

98 37.6 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 50.207 ng

RT: 10.761 min Scan# 1255

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

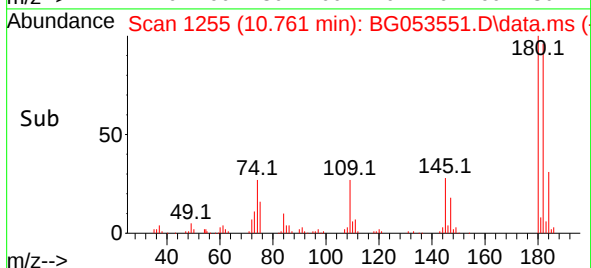
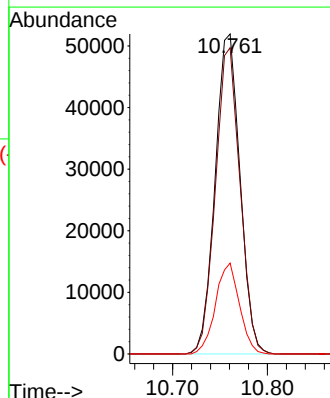
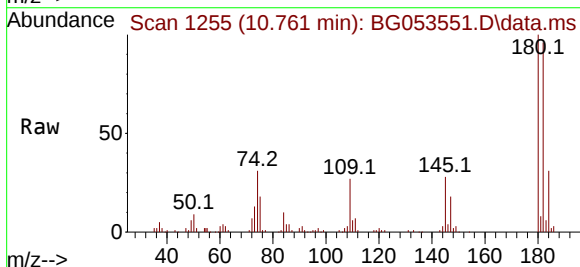
Tgt Ion:180 Resp: 94490

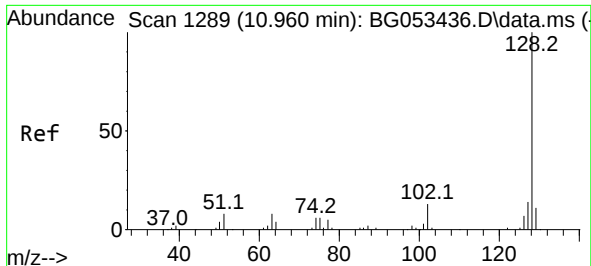
Ion Ratio Lower Upper

180 100

182 95.7 76.6 115.0

145 28.4 25.0 37.4

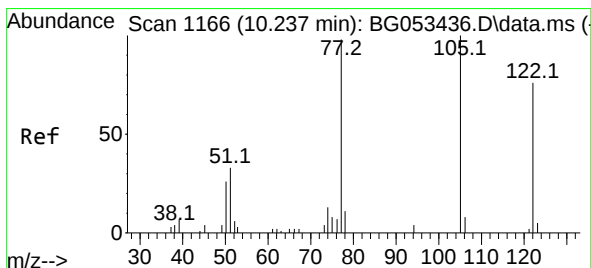
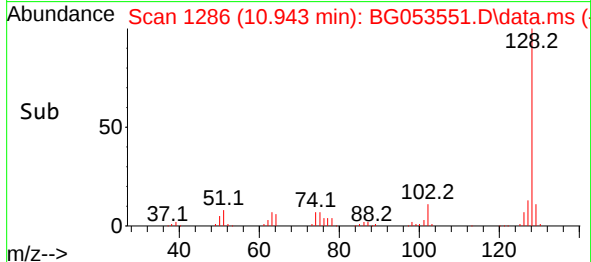
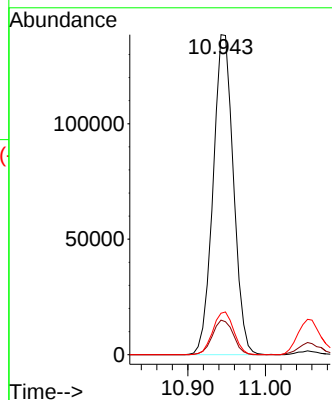
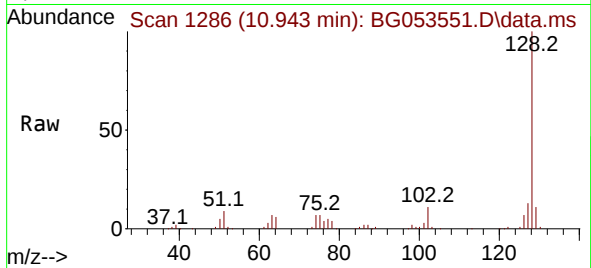




#31
Naphthalene
Concen: 50.100 ng
RT: 10.943 min Scan# 1167
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

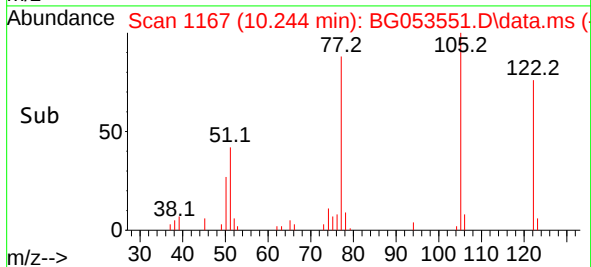
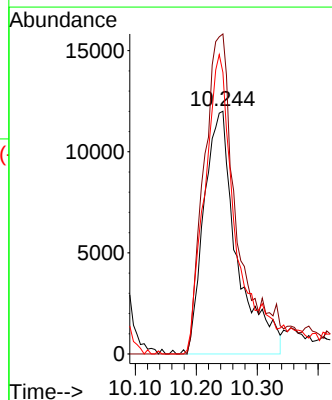
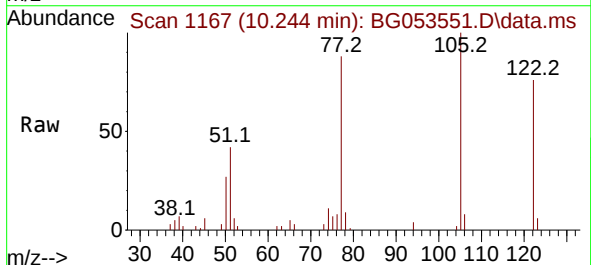
Instrument :
BNA_G
ClientSampleId :
SB16MSD

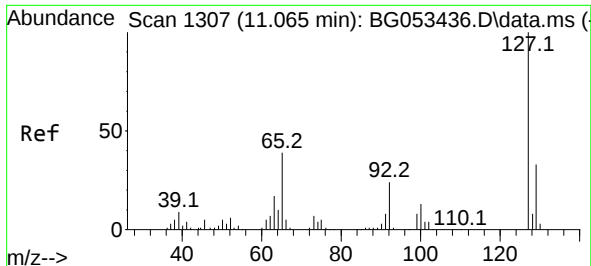
Tgt Ion:128 Resp: 252380
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.9 11.1 16.7



#32
Benzoic acid
Concen: 51.668 ng
RT: 10.244 min Scan# 1167
Delta R.T. 0.004 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:122 Resp: 45002
Ion Ratio Lower Upper
122 100
105 131.8 111.8 151.8
77 116.0 109.4 149.4

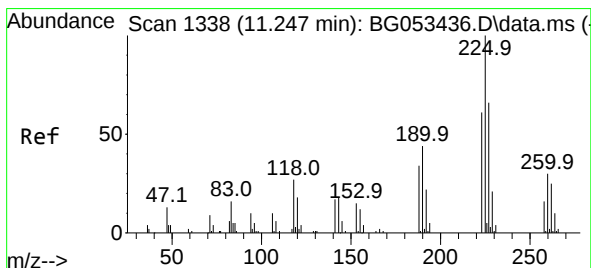
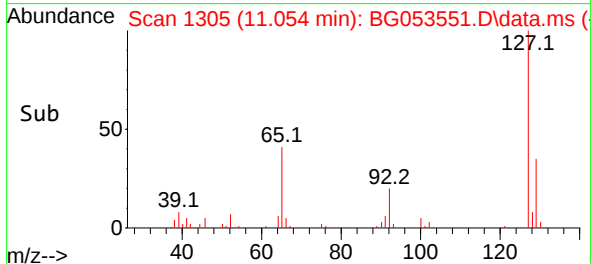
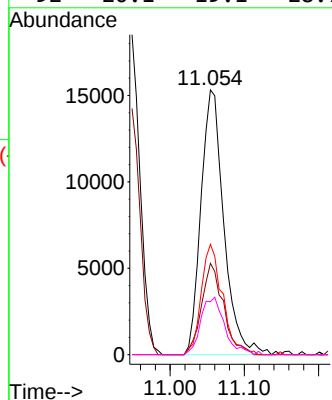
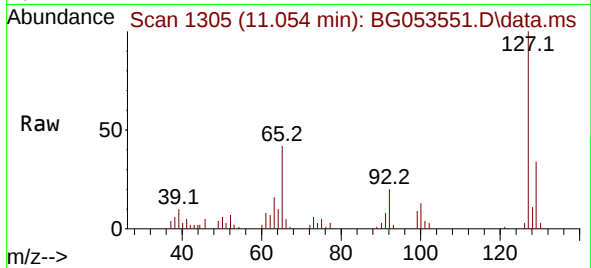




#33
4-Chloroaniline
Concen: 15.607 ng
RT: 11.054 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

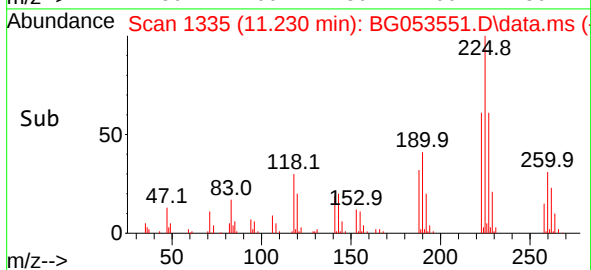
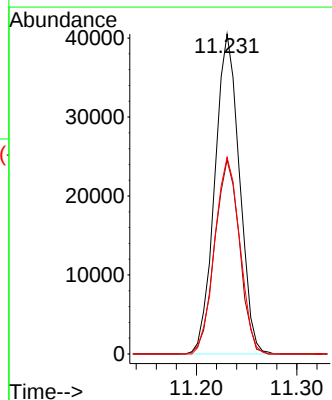
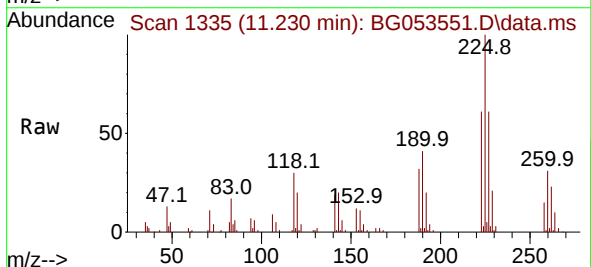
Instrument :
BNA_G
ClientSampleId :
SB16MSD

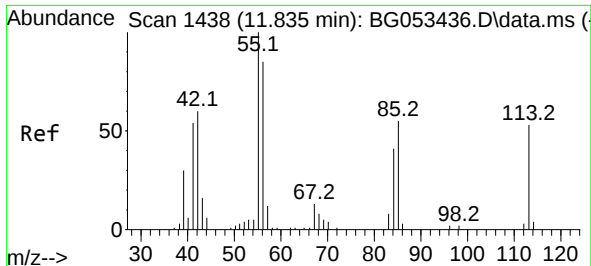
Tgt Ion:127	Resp:	32925
Ion Ratio	Lower	Upper
127	100	
129	34.5	26.3 39.5
65	41.7	31.1 46.7
92	20.1	19.1 28.7



#34
Hexachlorobutadiene
Concen: 49.489 ng
RT: 11.230 min Scan# 1335
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:225	Resp:	69064
Ion Ratio	Lower	Upper
225	100	
223	60.7	48.9 73.3
227	61.4	52.8 79.2

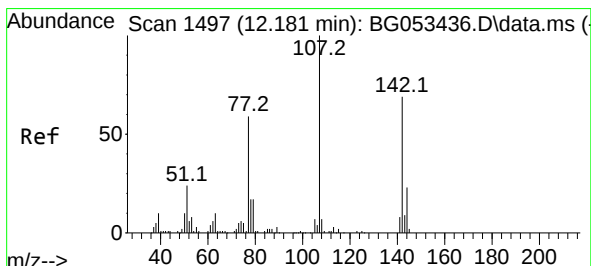
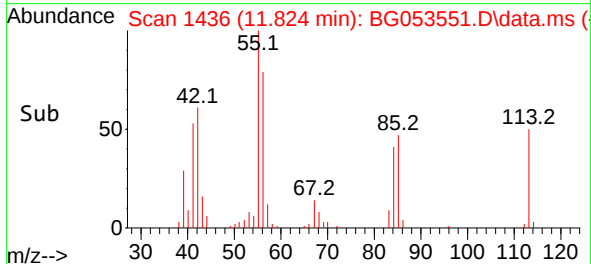
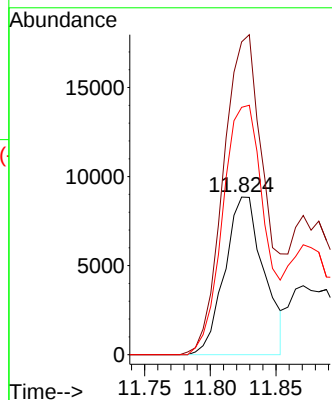
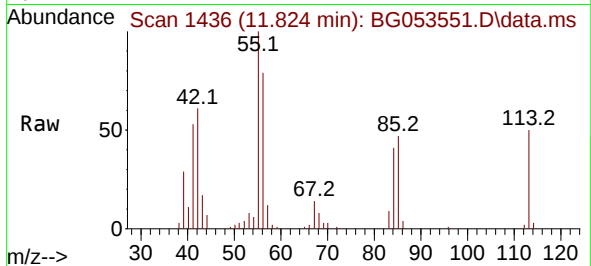




#35
Caprolactam
Concen: 30.402 ng
RT: 11.824 min Scan# 1436
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

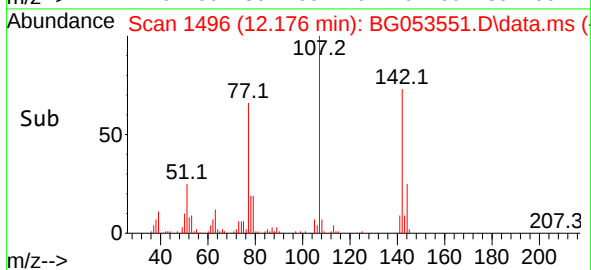
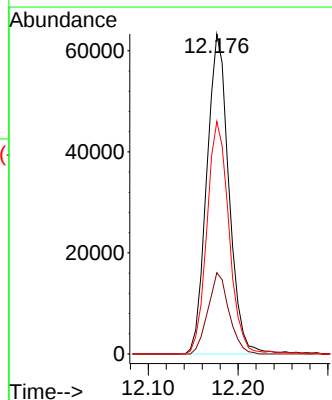
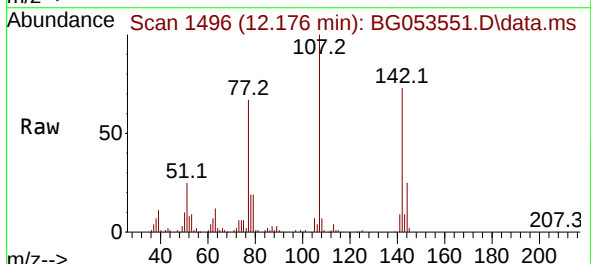
Instrument :
BNA_G
ClientSampleId :
SB16MSD

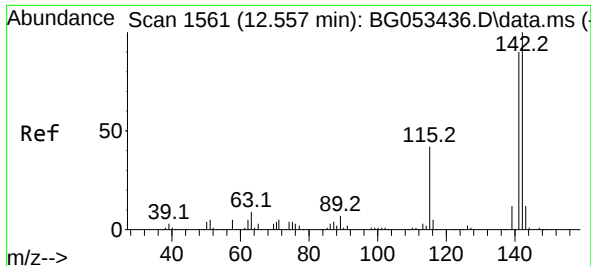
Tgt Ion:113 Resp: 18300
Ion Ratio Lower Upper
113 100
55 198.5 169.8 209.8
56 157.0 141.2 181.2



#36
4-Chloro-3-methylphenol
Concen: 54.551 ng
RT: 12.176 min Scan# 1496
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:107 Resp: 108086
Ion Ratio Lower Upper
107 100
144 25.4 18.5 27.7
142 72.6 55.0 82.4

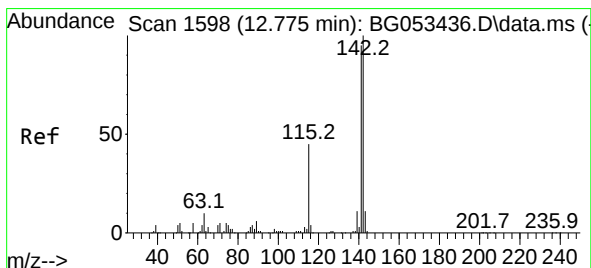
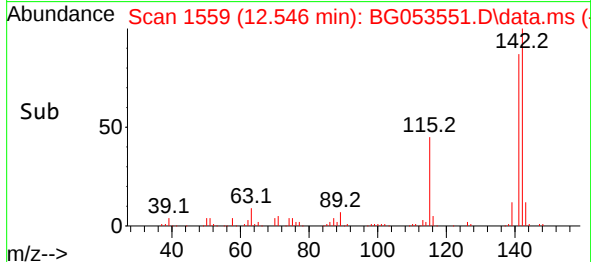
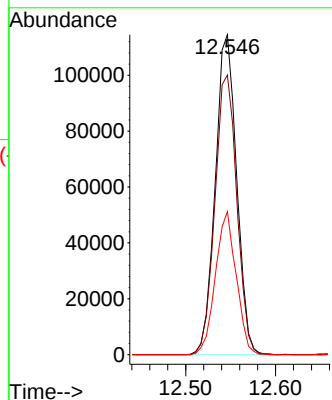
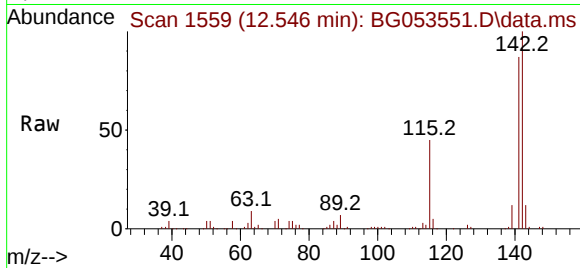




#37
2-Methylnaphthalene
Concen: 50.303 ng
RT: 12.546 min Scan# 1559
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

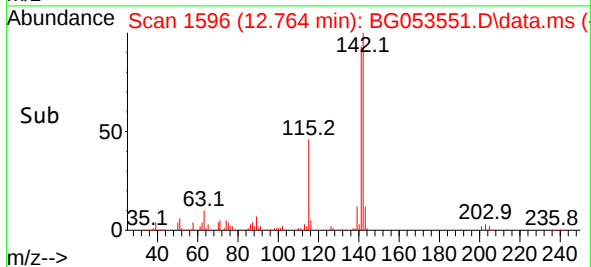
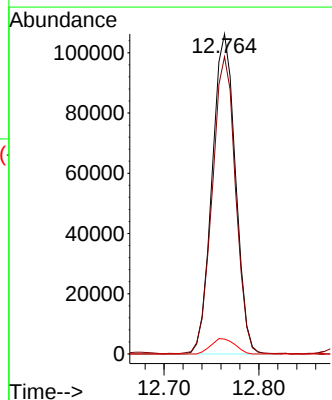
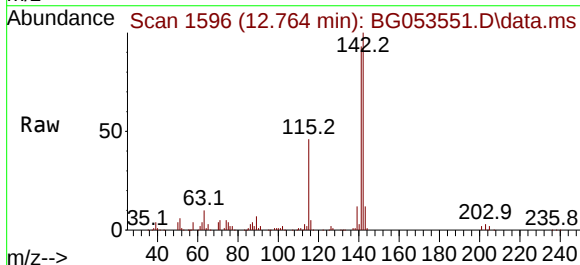
Instrument :
BNA_G
ClientSampleId :
SB16MSD

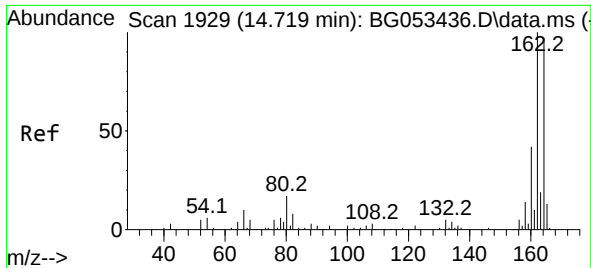
Tgt Ion:142 Resp: 189108
Ion Ratio Lower Upper
142 100
141 87.4 72.3 108.5
115 44.8 33.7 50.5



#38
1-Methylnaphthalene
Concen: 49.392 ng
RT: 12.764 min Scan# 1596
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:142 Resp: 181165
Ion Ratio Lower Upper
142 100
141 92.9 76.4 114.6
116 4.6 3.3 4.9

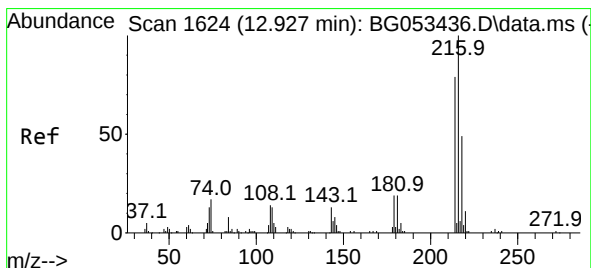
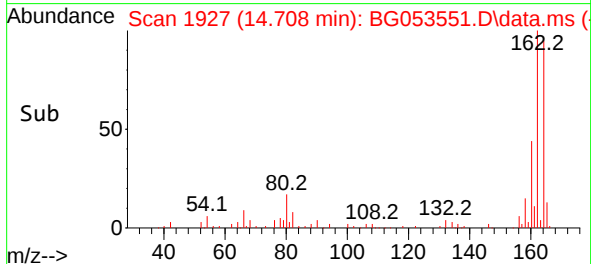
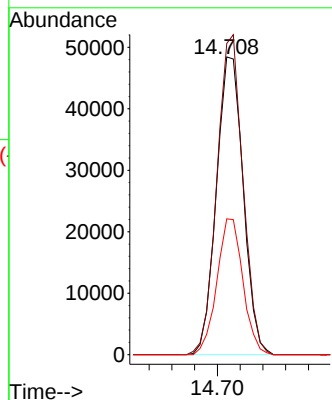
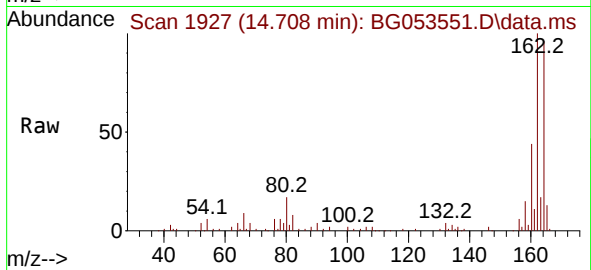




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 1929
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

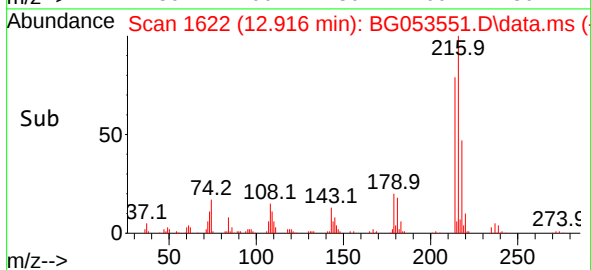
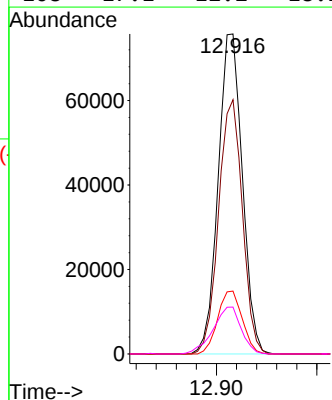
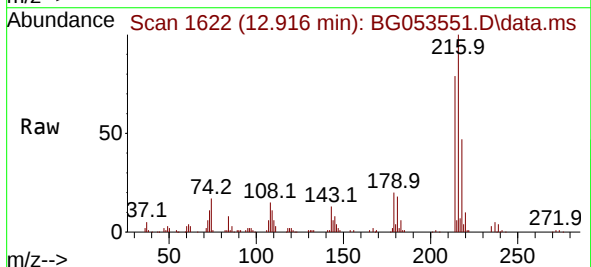
Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion:164 Resp: 79215
Ion Ratio Lower Upper
164 100
162 104.5 82.3 123.5
160 45.6 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.637 ng
RT: 12.916 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:216 Resp: 126438
Ion Ratio Lower Upper
216 100
214 78.1 62.9 94.3
179 20.0 16.1 24.1
108 17.1 12.2 18.2

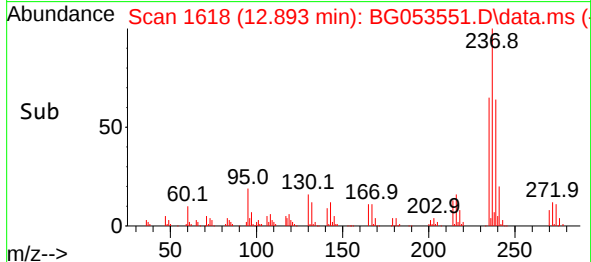
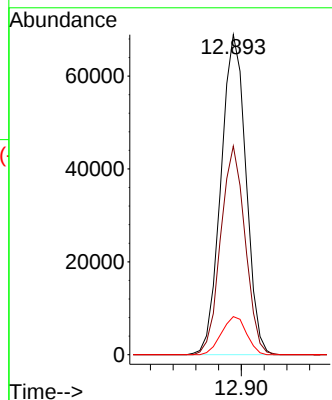
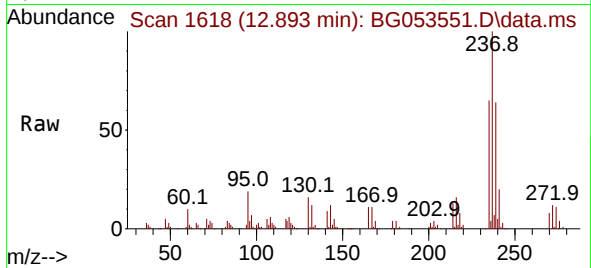




#41
Hexachlorocyclopentadiene
Concen: 100.685 ng
RT: 12.893 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

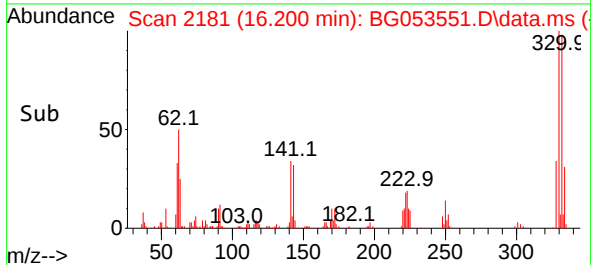
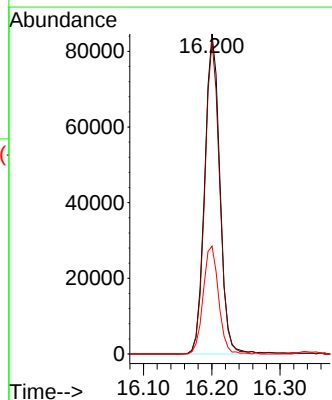
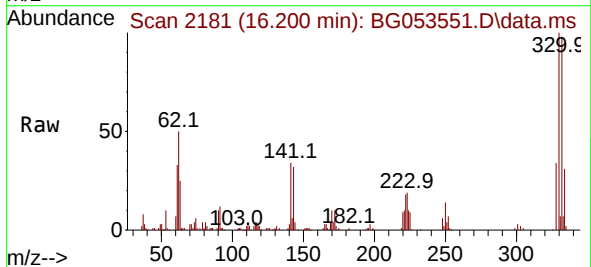
Instrument :
BNA_G
ClientSampleId :
SB16MSD

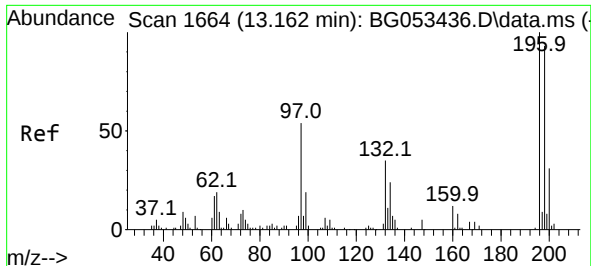
Tgt Ion:237 Resp: 105016
Ion Ratio Lower Upper
237 100
235 65.2 43.5 83.5
272 11.9 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 112.249 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:330 Resp: 131144
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 33.9 27.1 40.7

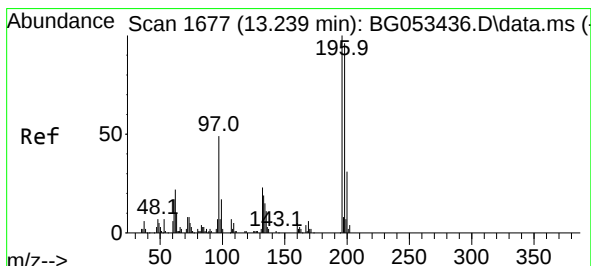
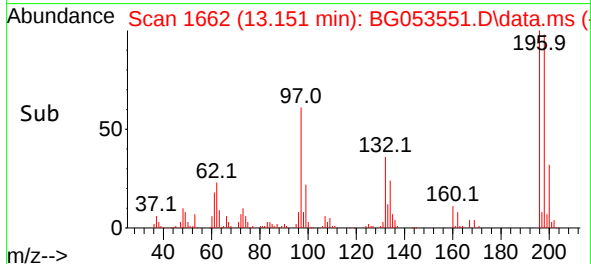
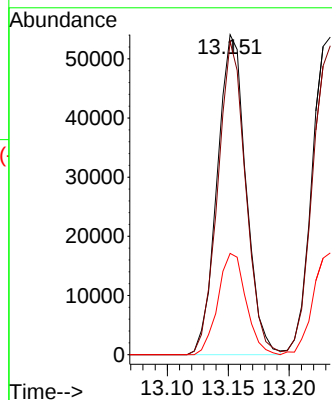
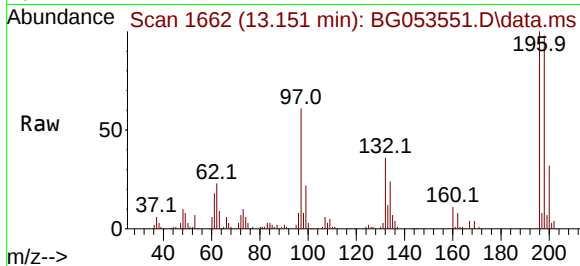




#43
 2,4,6-Trichlorophenol
 Concen: 54.532 ng
 RT: 13.151 min Scan# 1
 Delta R.T. -0.002 min
 Lab File: BG053551.D
 Acq: 13 May 2022 20:24

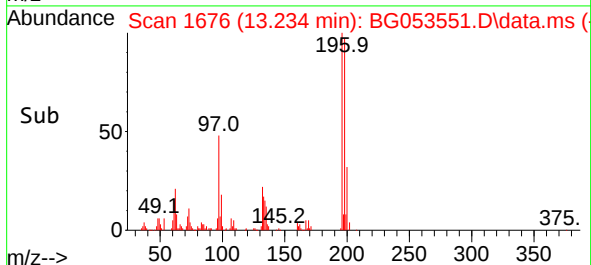
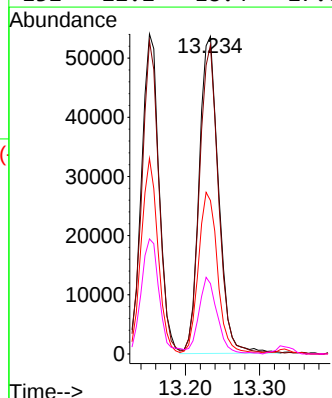
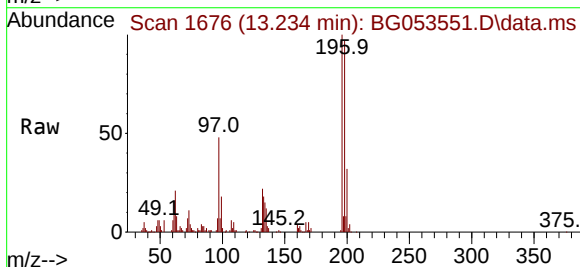
Instrument :
 BNA_G
 ClientSampleId :
 SB16MSD

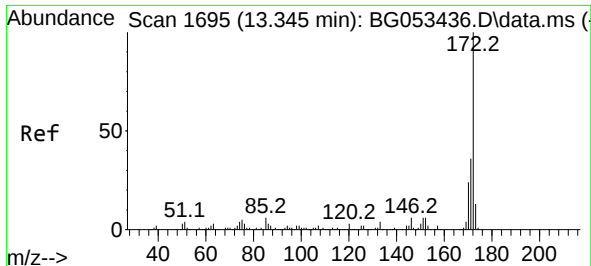
Tgt Ion:196 Resp: 88881
 Ion Ratio Lower Upper
 196 100
 198 97.8 74.1 111.1
 200 31.6 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 56.106 ng
 RT: 13.234 min Scan# 1676
 Delta R.T. -0.002 min
 Lab File: BG053551.D
 Acq: 13 May 2022 20:24

Tgt Ion:196 Resp: 97326
 Ion Ratio Lower Upper
 196 100
 198 97.3 76.8 115.2
 97 48.3 39.8 59.6
 132 22.2 18.4 27.6

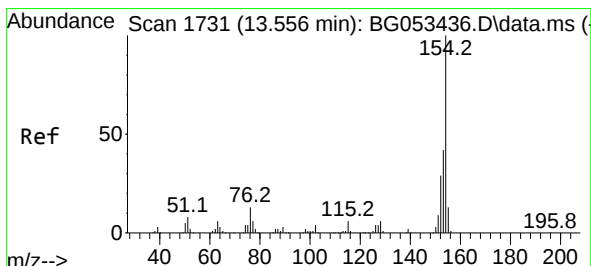
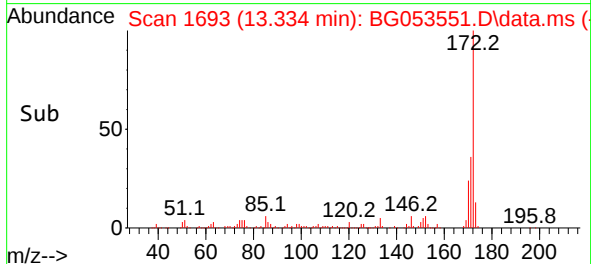
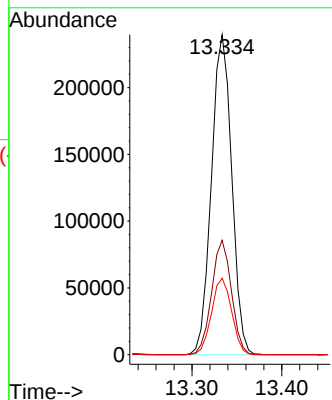
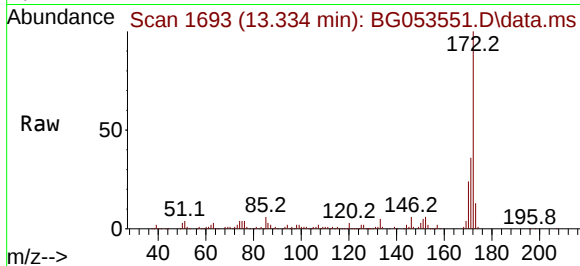




#45
2-Fluorobiphenyl
Concen: 69.312 ng
RT: 13.334 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

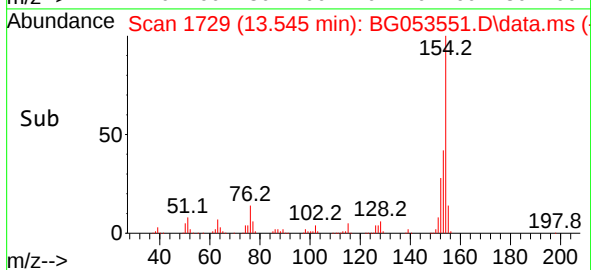
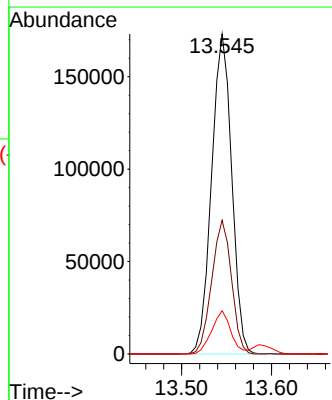
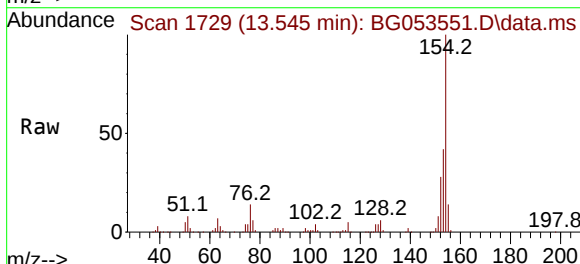
Instrument :
BNA_G
ClientSampleId :
SB16MSD

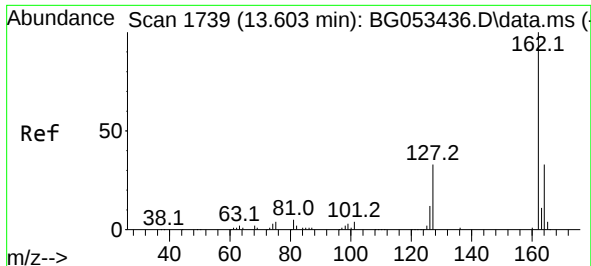
Tgt Ion:172 Resp: 375738
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 49.825 ng
RT: 13.545 min Scan# 1729
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:154 Resp: 269037
Ion Ratio Lower Upper
154 100
153 41.7 21.6 61.6
76 13.5 0.0 32.6





#47

2-Chloronaphthalene

Concen: 49.420 ng

RT: 13.592 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

Instrument :

BNA_G

ClientSampleId :

SB16MSD

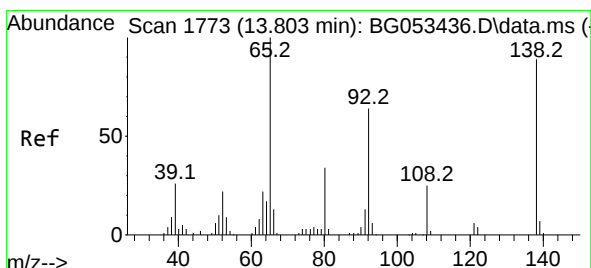
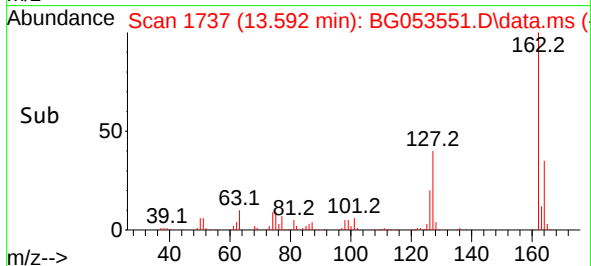
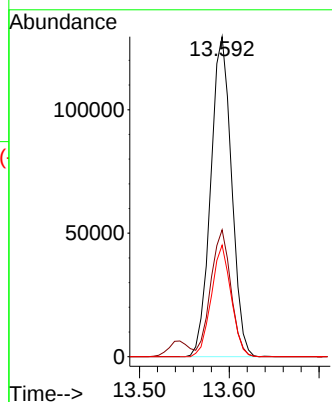
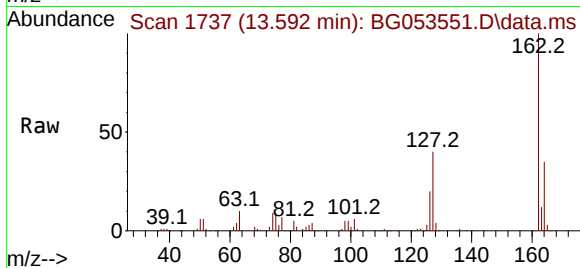
Tgt Ion:162 Resp: 209067

Ion Ratio Lower Upper

162 100

127 39.7 30.6 45.8

164 34.8 26.5 39.7



#48

2-Nitroaniline

Concen: 54.052 ng

RT: 13.792 min Scan# 1771

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

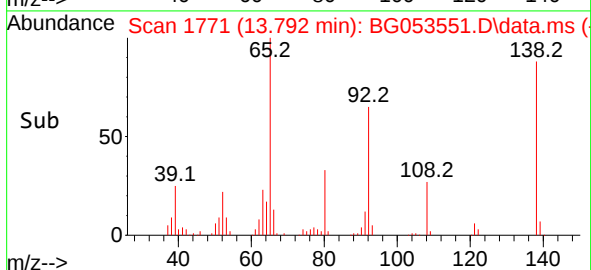
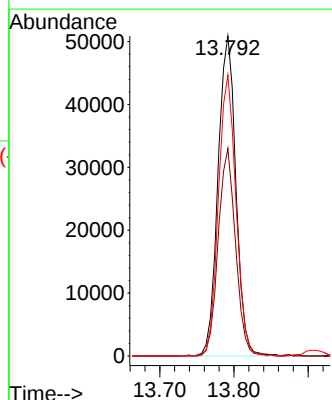
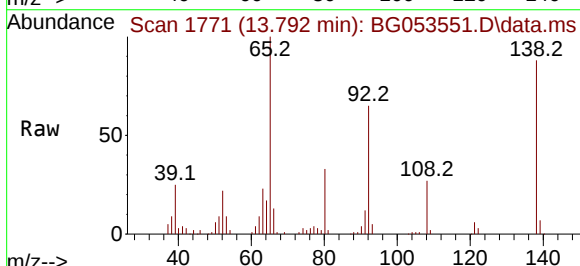
Tgt Ion: 65 Resp: 85205

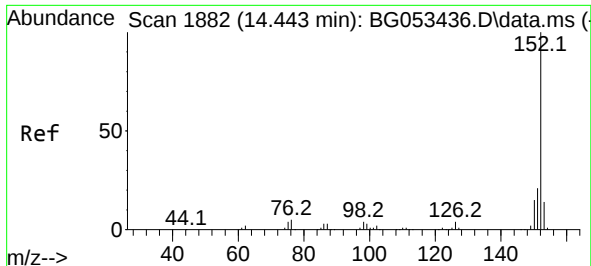
Ion Ratio Lower Upper

65 100

92 64.8 51.5 77.3

138 87.8 71.3 106.9

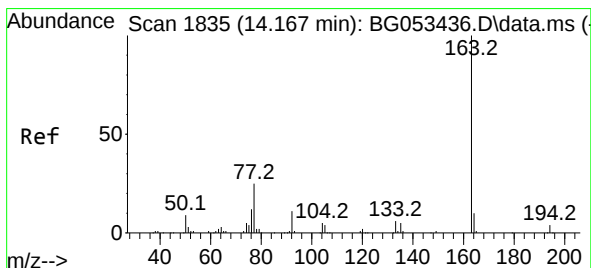
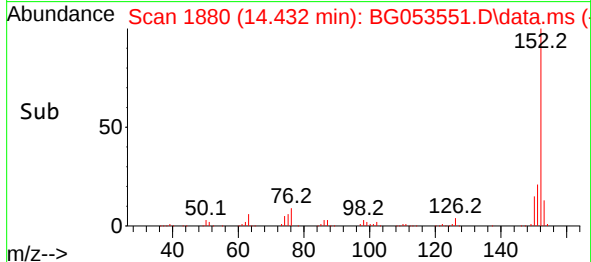
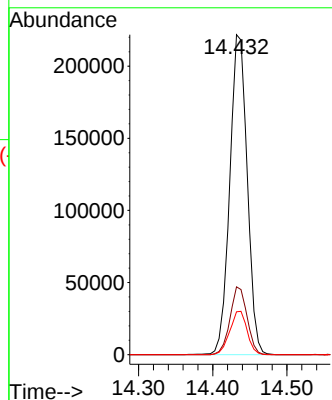
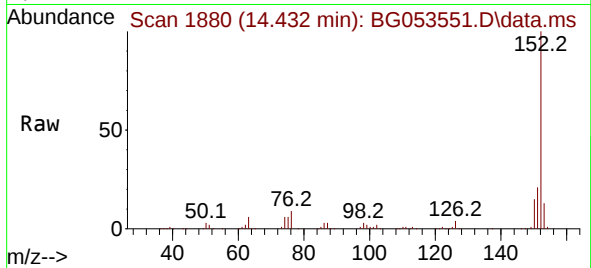




#49
Acenaphthylene
Concen: 53.669 ng
RT: 14.432 min Scan# 1880
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

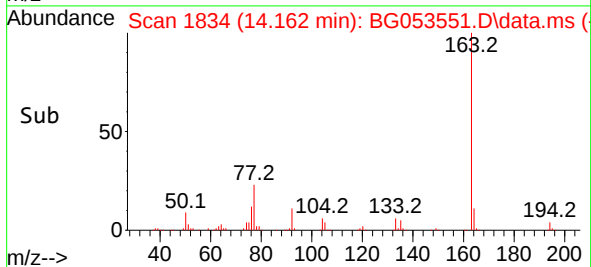
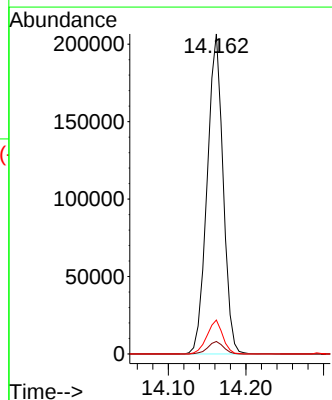
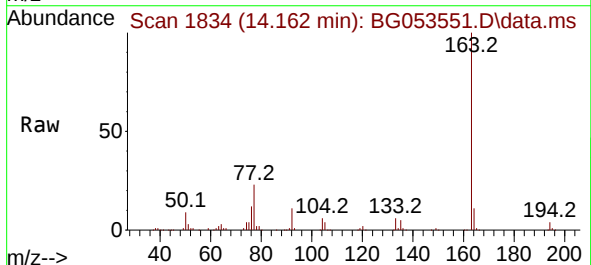
Instrument :
BNA_G
ClientSampleId :
SB16MSD

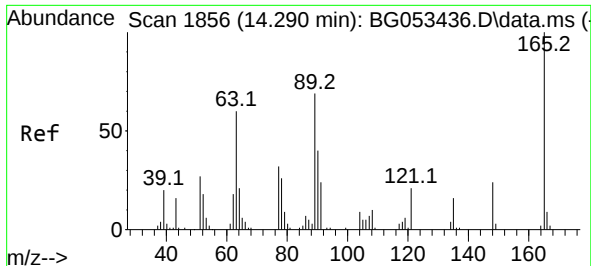
Tgt Ion:152 Resp: 362305
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 13.4 10.8 16.2



#50
Dimethylphthalate
Concen: 48.907 ng
RT: 14.162 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:163 Resp: 294399
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.6 8.0 12.0

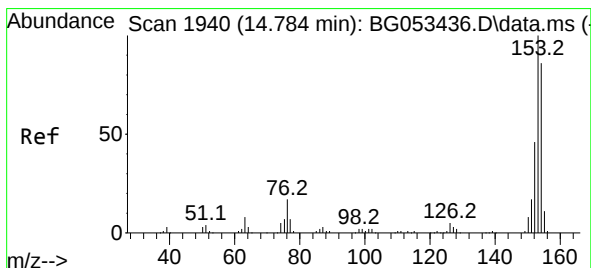
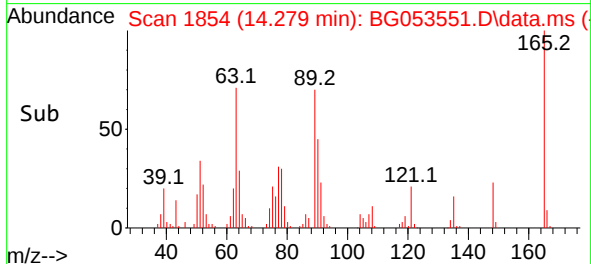
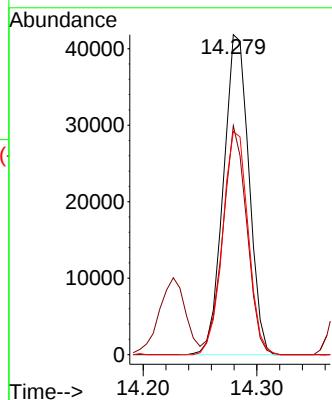
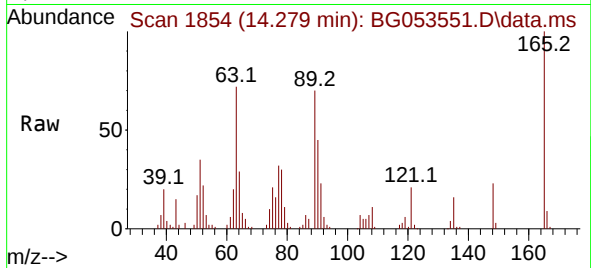




#51
2,6-Dinitrotoluene
Concen: 53.054 ng
RT: 14.279 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

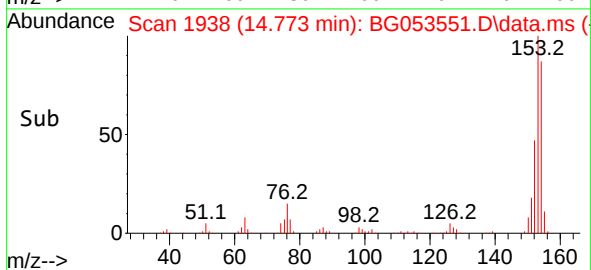
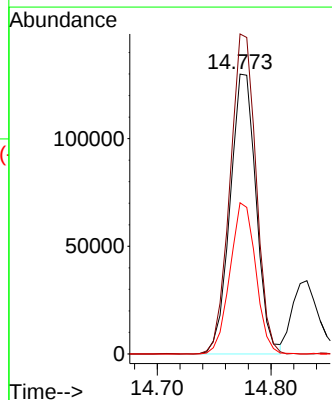
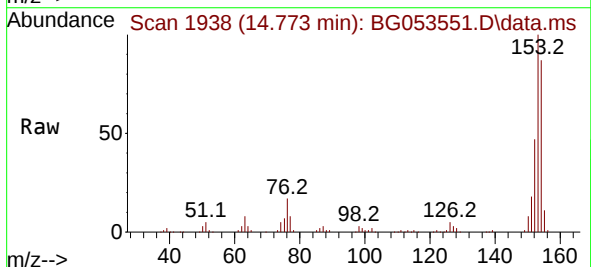
Instrument :
BNA_G
ClientSampleId :
SB16MSD

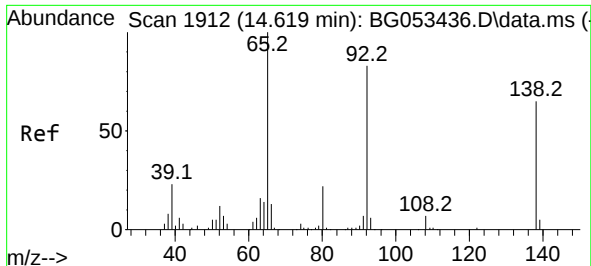
Tgt Ion:165 Resp: 65064
Ion Ratio Lower Upper
165 100
63 71.5 54.1 81.1
89 69.8 54.8 82.2



#52
Acenaphthene
Concen: 51.366 ng
RT: 14.773 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:154 Resp: 206650
Ion Ratio Lower Upper
154 100
153 114.3 92.7 139.1
152 54.0 42.6 64.0

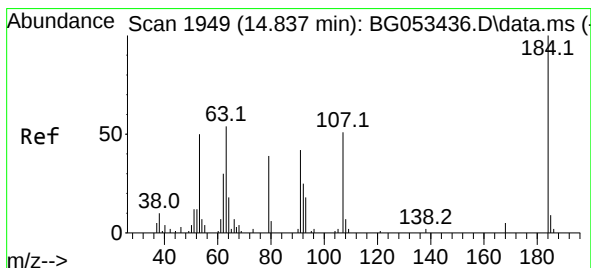
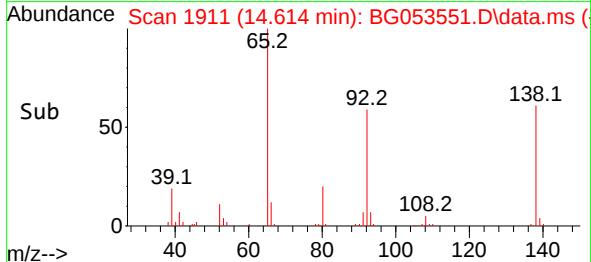
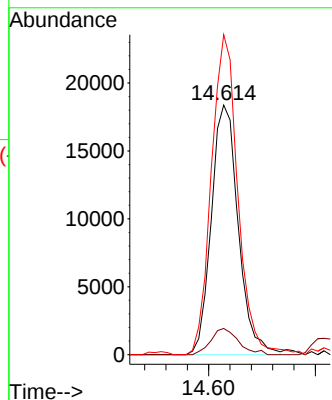
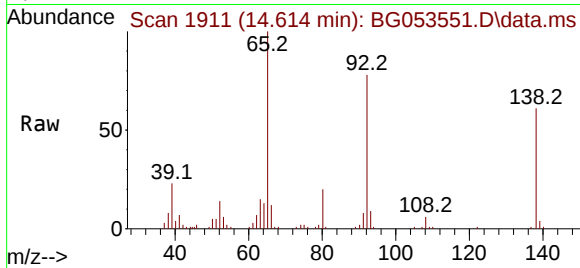




#53
3-Nitroaniline
Concen: 24.253 ng
RT: 14.614 min Scan# 1911
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

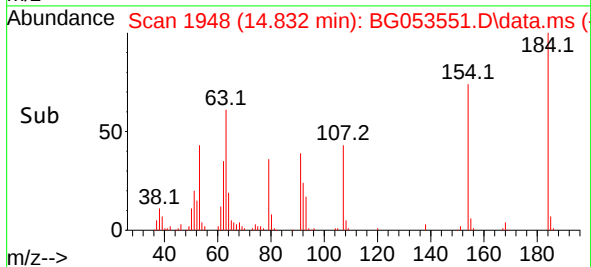
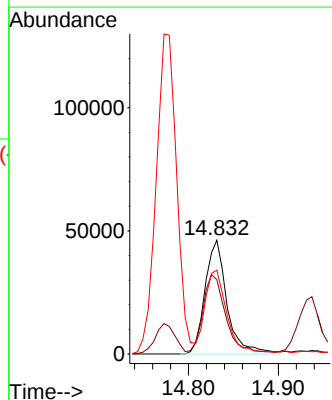
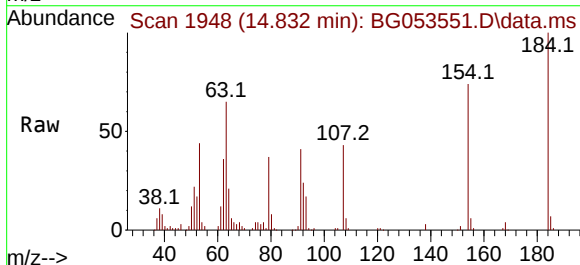
Instrument :
BNA_G
ClientSampleId :
SB16MSD

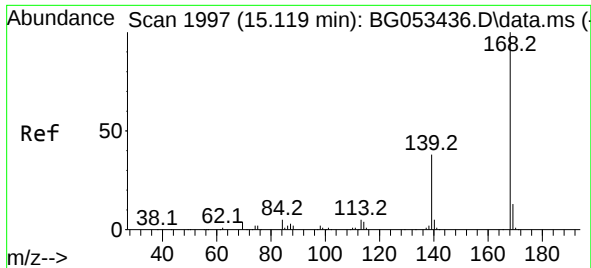
Tgt Ion:138 Resp: 32138
Ion Ratio Lower Upper
138 100
108 10.5 9.2 13.8
92 128.2 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 99.451 ng
RT: 14.832 min Scan# 1948
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:184 Resp: 78702
Ion Ratio Lower Upper
184 100
63 65.3 61.1 91.7
154 73.7 60.6 91.0

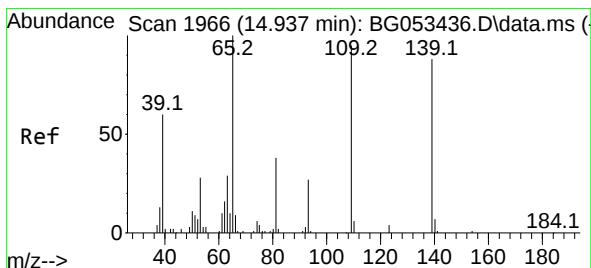
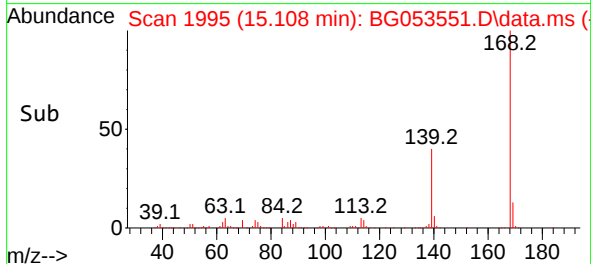
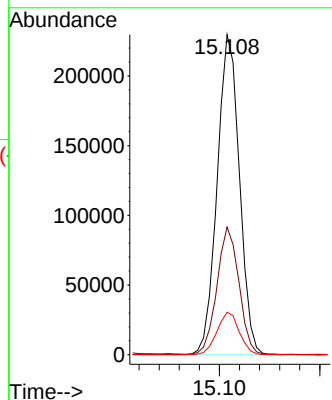
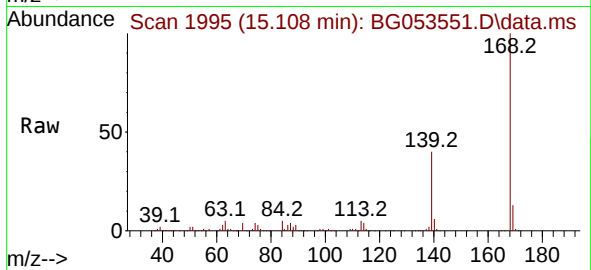




#55
Dibenzofuran
Concen: 48.891 ng
RT: 15.108 min Scan# 1997
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

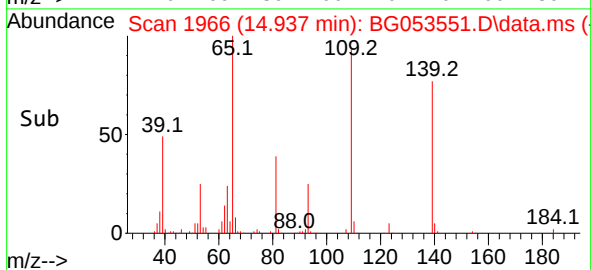
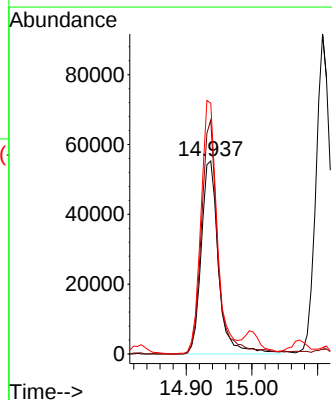
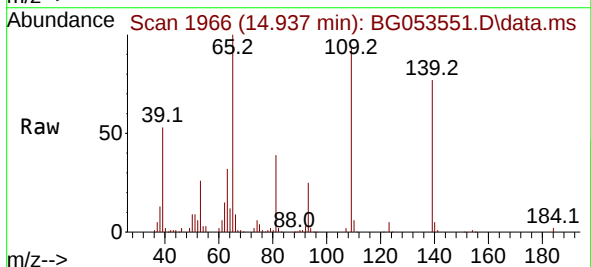
Instrument :
BNA_G
ClientSampleId :
SB16MSD

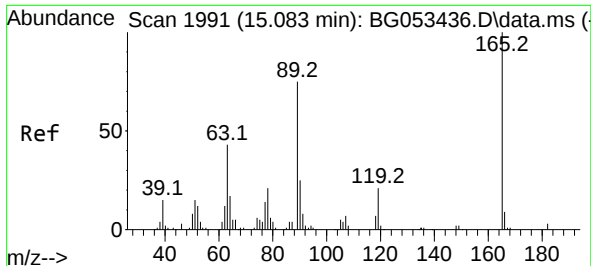
Tgt Ion:168 Resp: 353299
Ion Ratio Lower Upper
168 100
139 39.9 30.5 45.7
169 13.3 10.3 15.5



#56
4-Nitrophenol
Concen: 107.232 ng
RT: 14.937 min Scan# 1966
Delta R.T. 0.004 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:139 Resp: 101490
Ion Ratio Lower Upper
139 100
109 121.2 88.5 128.5
65 130.0 93.9 133.9

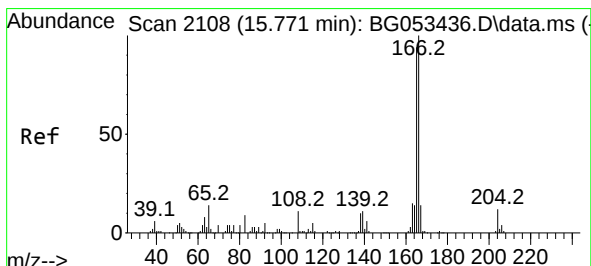
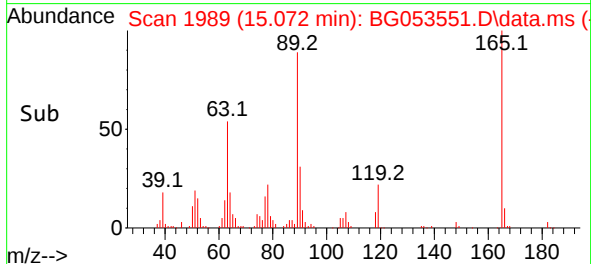
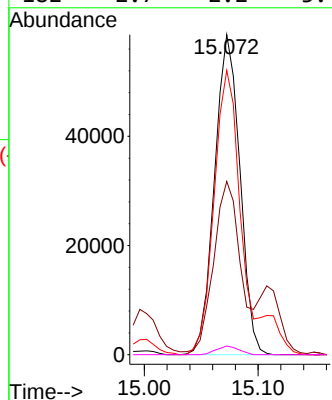
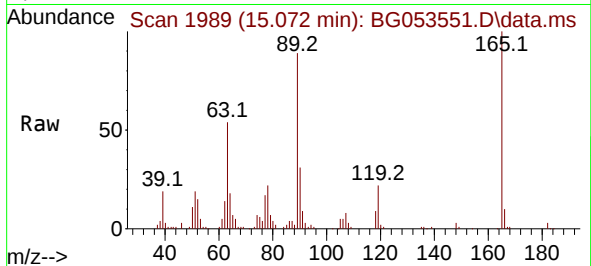




#57
2,4-Dinitrotoluene
Concen: 51.031 ng
RT: 15.072 min Scan# 1991
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

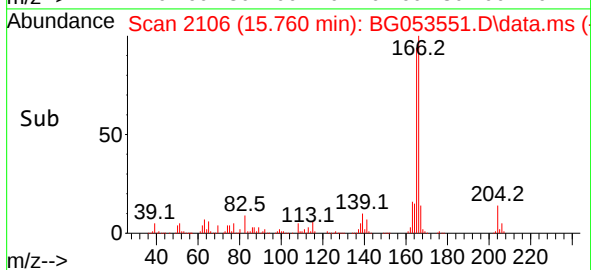
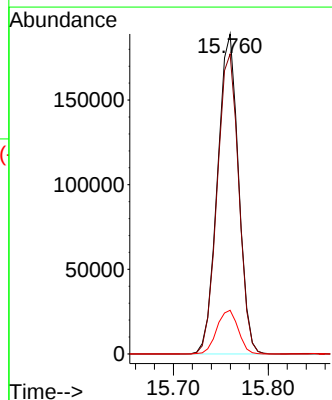
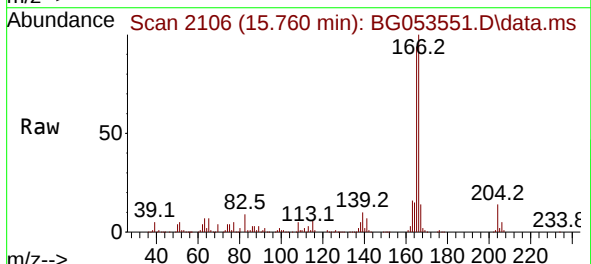
Instrument :
BNA_G
ClientSampleId :
SB16MSD

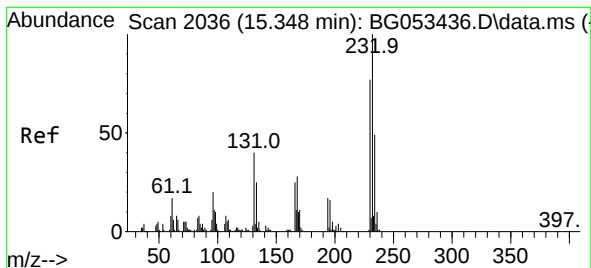
Tgt Ion:165 Resp: 90715
Ion Ratio Lower Upper
165 100
63 54.1 34.6 52.0#
89 88.9 60.3 90.5
182 2.7 2.2 3.4



#58
Fluorene
Concen: 50.292 ng
RT: 15.760 min Scan# 2106
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:166 Resp: 291639
Ion Ratio Lower Upper
166 100
165 93.8 75.0 112.6
167 13.6 10.8 16.2

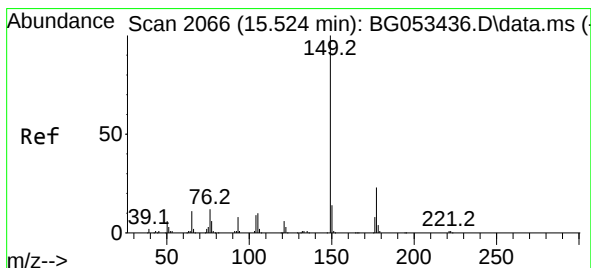
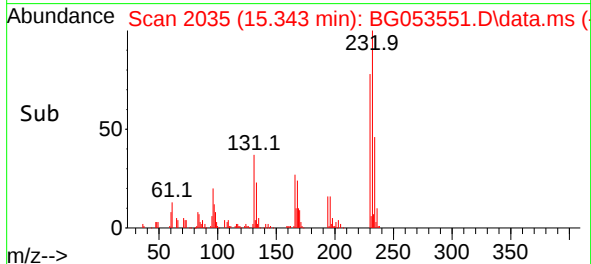
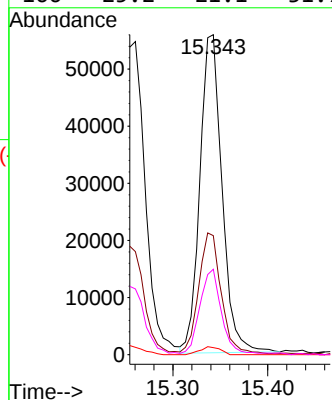
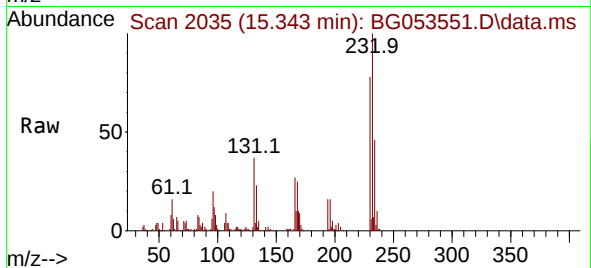




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.356 ng
RT: 15.343 min Scan# 2035
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

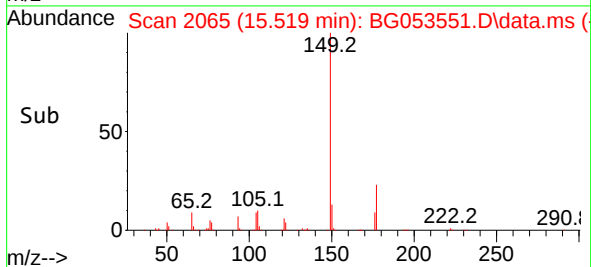
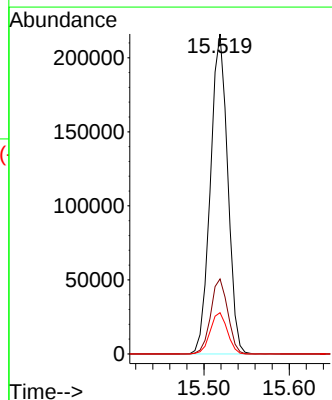
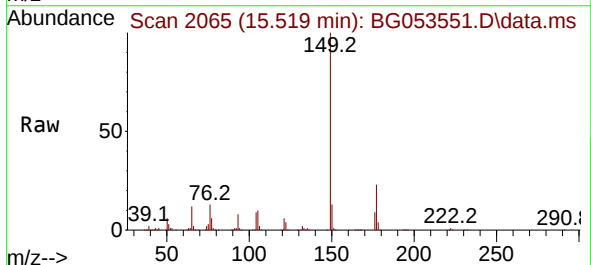
Instrument :
BNA_G
ClientSampleId :
SB16MSD

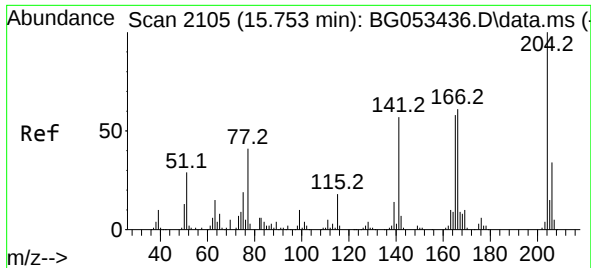
Tgt Ion:232 Resp: 90389
Ion Ratio Lower Upper
232 100
131 38.5 30.6 46.0
130 2.3 1.8 2.8
166 25.2 21.1 31.7



#60
Diethylphthalate
Concen: 48.884 ng
RT: 15.519 min Scan# 2065
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:149 Resp: 303966
Ion Ratio Lower Upper
149 100
177 23.4 18.4 27.6
150 12.9 11.2 16.8

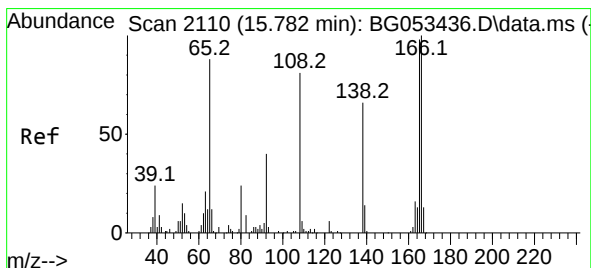
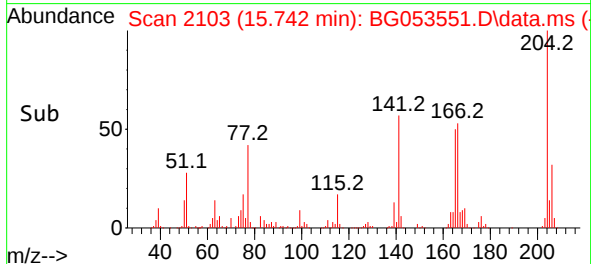
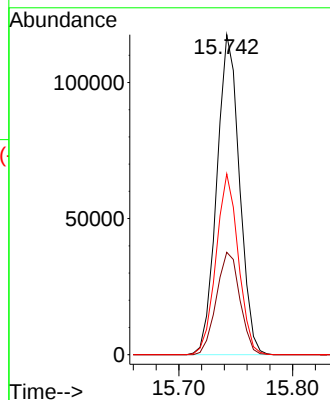
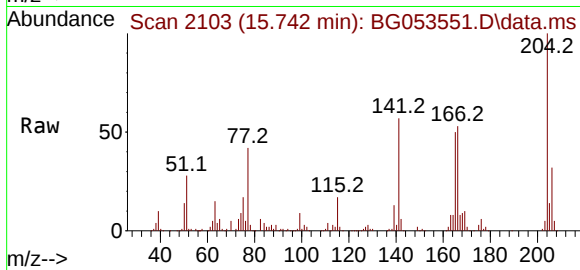




#61
4-Chlorophenyl-phenylether
Concen: 50.274 ng
RT: 15.742 min Scan# 2105
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

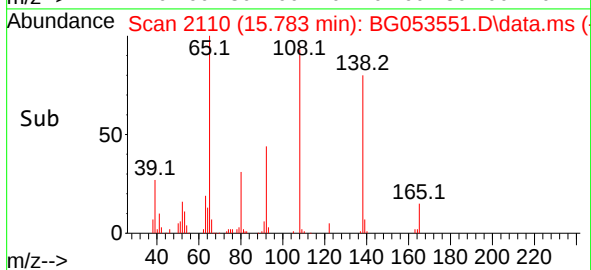
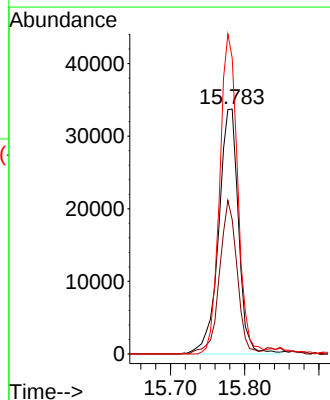
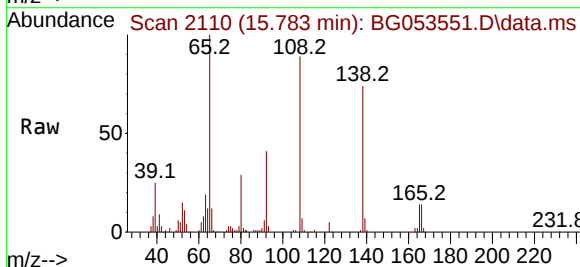
Instrument :
BNA_G
ClientSampleId :
SB16MSD

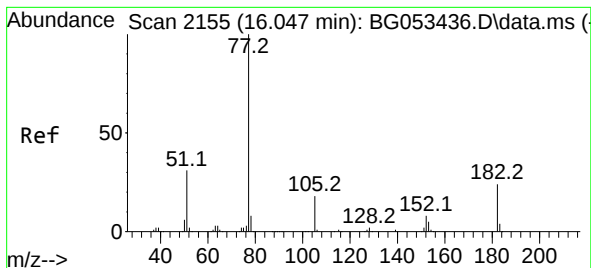
Tgt Ion:204 Resp: 162681
Ion Ratio Lower Upper
204 100
206 32.0 27.5 41.3
141 56.5 45.3 67.9



#62
4-Nitroaniline
Concen: 45.529 ng
RT: 15.783 min Scan# 2110
Delta R.T. 0.004 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:138 Resp: 62575
Ion Ratio Lower Upper
138 100
92 54.8 40.5 80.5
108 120.9 103.7 143.7





#63

Azobenzene

Concen: 49.073 ng

RT: 16.036 min Scan# 2155

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

Instrument :

BNA_G

ClientSampleId :

SB16MSD

Tgt Ion: 77 Resp: 312461

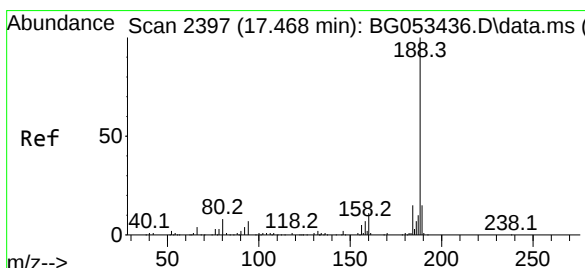
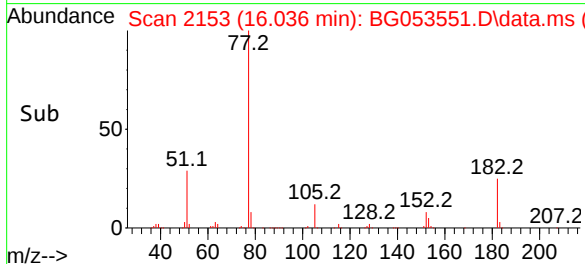
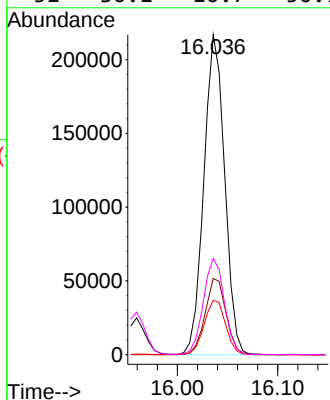
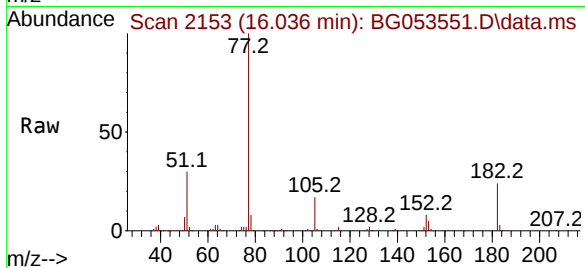
Ion Ratio Lower Upper

77 100

182 23.8 3.8 43.8

105 17.1 0.0 37.8

51 30.1 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: BG053551.D

Acq: 13 May 2022 20:24

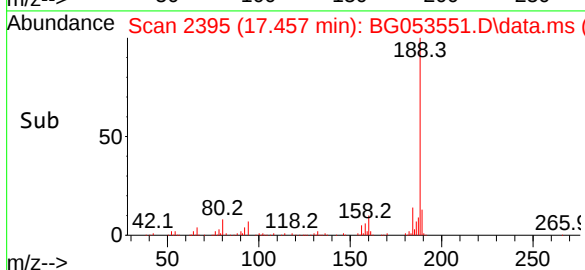
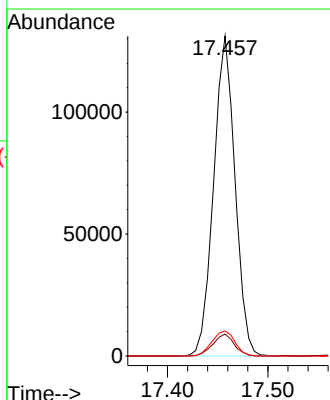
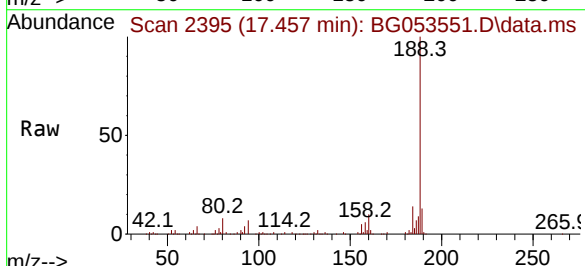
Tgt Ion:188 Resp: 193852

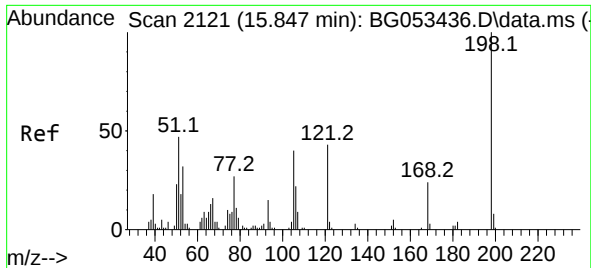
Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

80 7.8 6.8 10.2

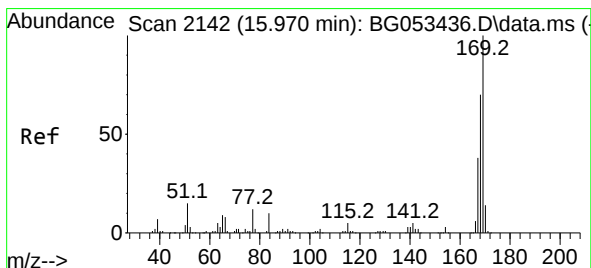
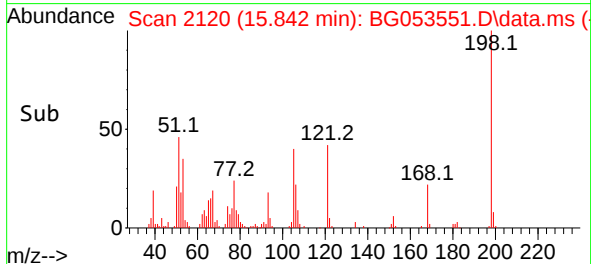
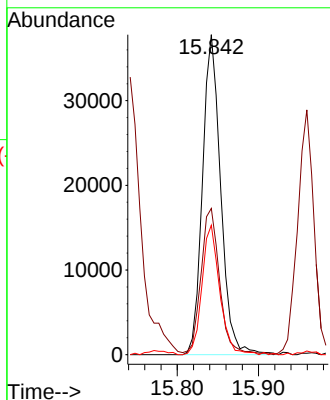
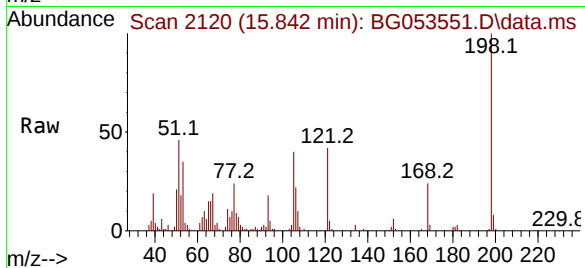




#65
4,6-Dinitro-2-methylphenol
Concen: 50.812 ng
RT: 15.842 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

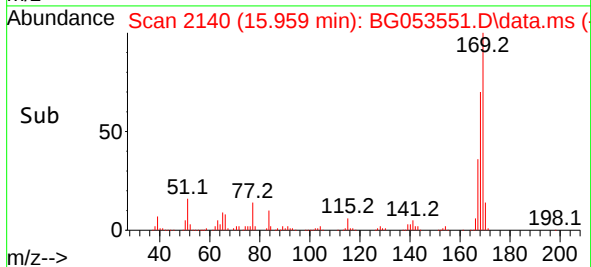
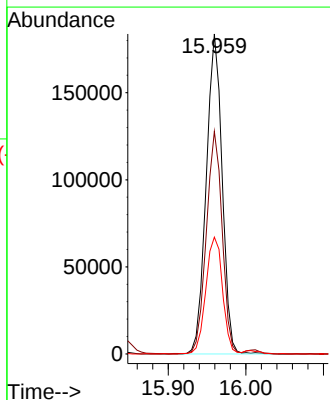
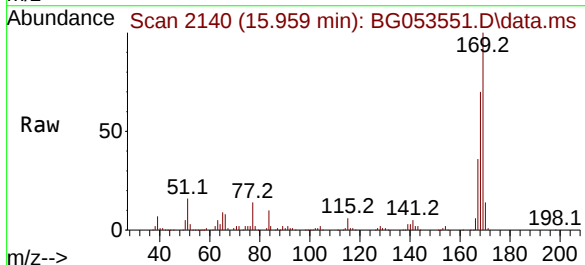
Instrument :
BNA_G
ClientSampleId :
SB16MSD

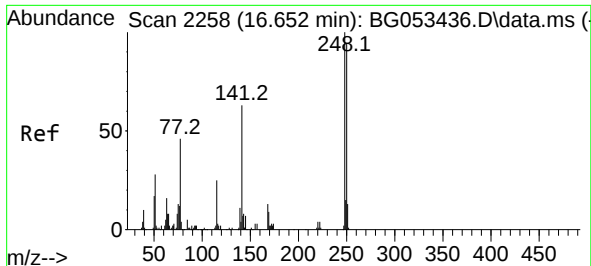
Tgt Ion:198 Resp: 58694
Ion Ratio Lower Upper
198 100
51 45.7 28.1 68.1
105 40.4 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 51.451 ng
RT: 15.959 min Scan# 2140
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:169 Resp: 261866
Ion Ratio Lower Upper
169 100
168 69.5 55.9 83.9
167 36.5 30.6 46.0

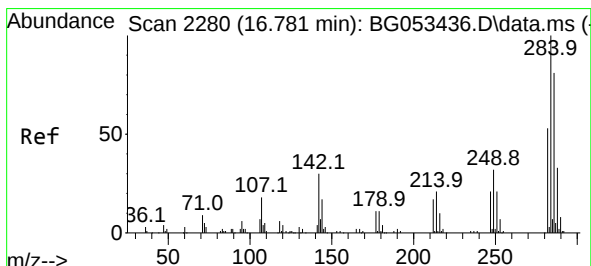
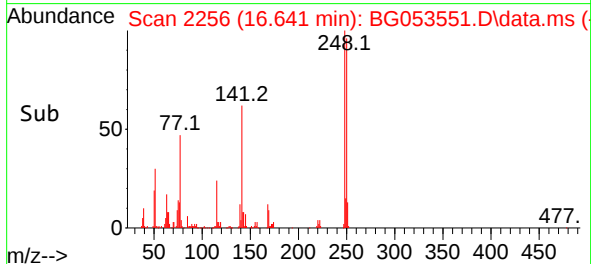
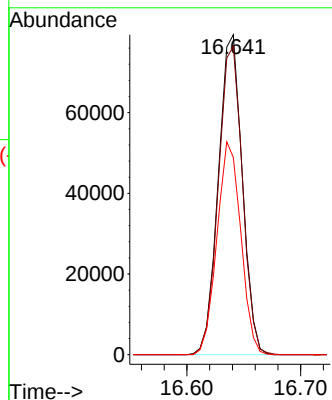
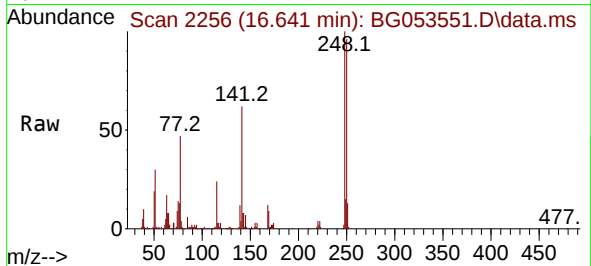




#67
4-Bromophenyl-phenylether
Concen: 51.247 ng
RT: 16.641 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

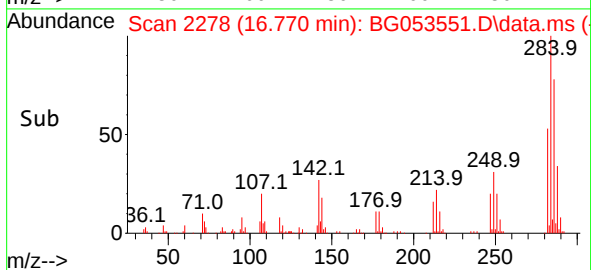
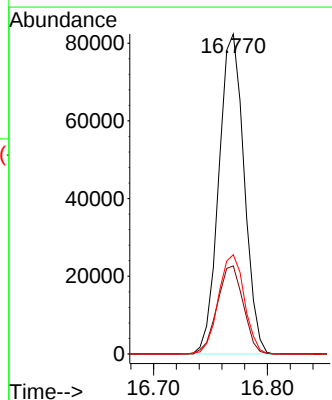
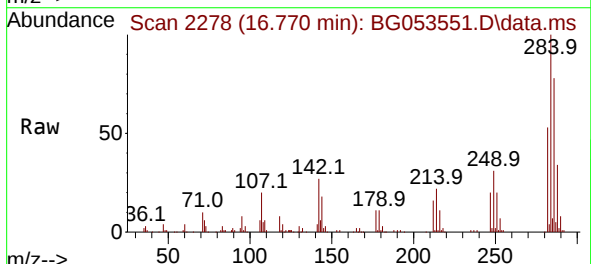
Instrument :
BNA_G
ClientSampleId :
SB16MSD

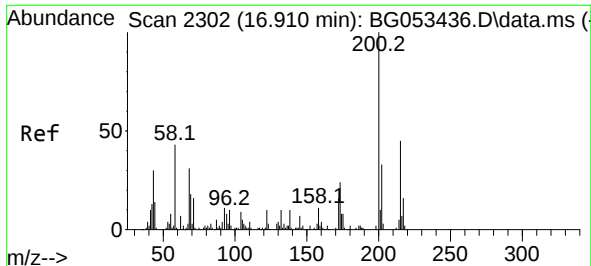
Tgt Ion:248 Resp: 116021
Ion Ratio Lower Upper
248 100
250 96.4 75.2 112.8
141 61.6 50.0 75.0



#68
Hexachlorobenzene
Concen: 51.354 ng
RT: 16.770 min Scan# 2278
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:284 Resp: 127331
Ion Ratio Lower Upper
284 100
142 27.5 23.6 35.4
249 31.0 25.8 38.6

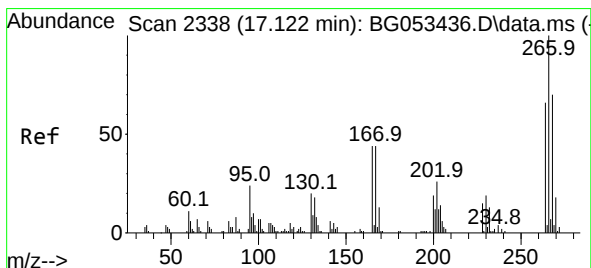
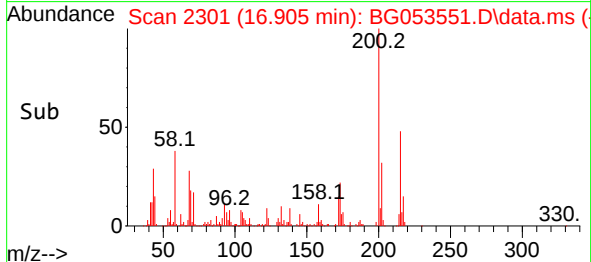
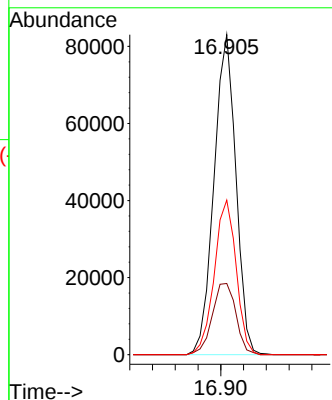
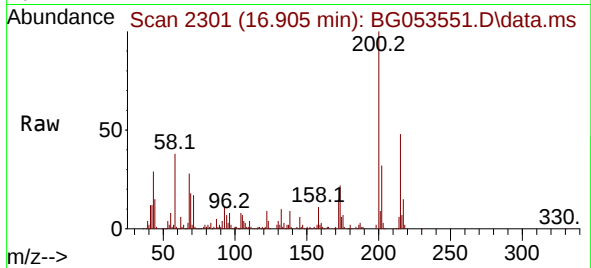




#69
 Atrazine
 Concen: 51.801 ng
 RT: 16.905 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053551.D
 Acq: 13 May 2022 20:24

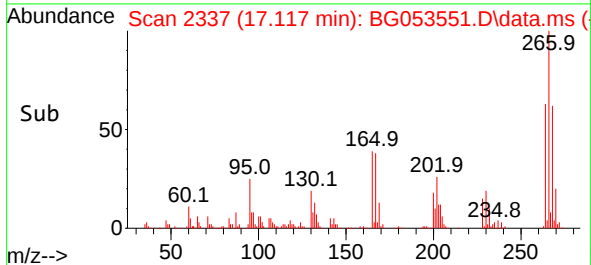
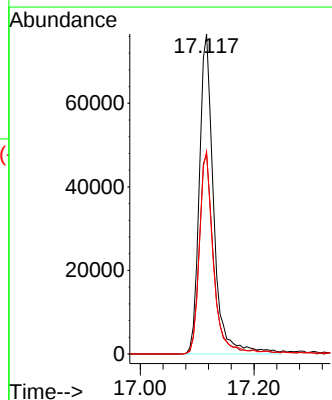
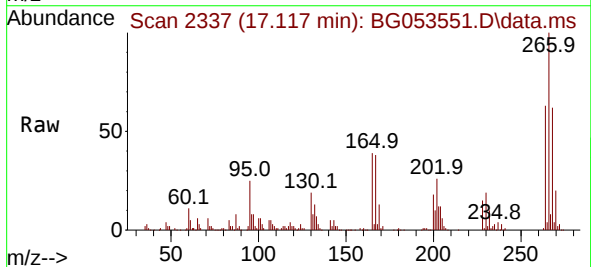
Instrument :
 BNA_G
 ClientSampleId :
 SB16MSD

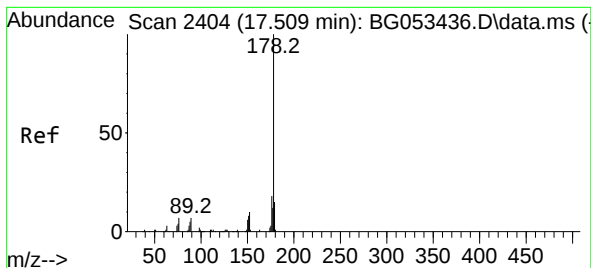
Tgt Ion:200 Resp: 110990
 Ion Ratio Lower Upper
 200 100
 173 22.3 3.7 43.7
 215 48.3 25.2 65.2



#70
 Pentachlorophenol
 Concen: 99.532 ng
 RT: 17.117 min Scan# 2337
 Delta R.T. -0.002 min
 Lab File: BG053551.D
 Acq: 13 May 2022 20:24

Tgt Ion:266 Resp: 134512
 Ion Ratio Lower Upper
 266 100
 268 62.4 56.2 84.2
 264 63.3 53.0 79.4





#71

Phenanthrene

Concen: 53.125 ng

RT: 17.498 min Scan# 2402

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

Instrument :

BNA_G

ClientSampleId :

SB16MSD

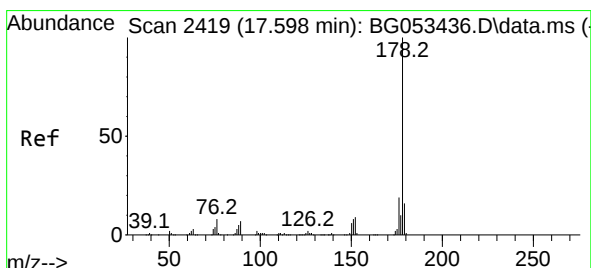
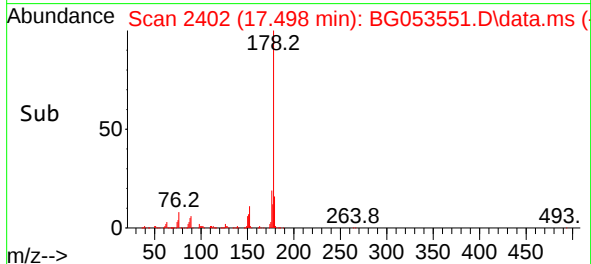
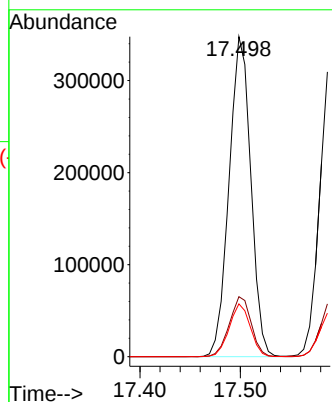
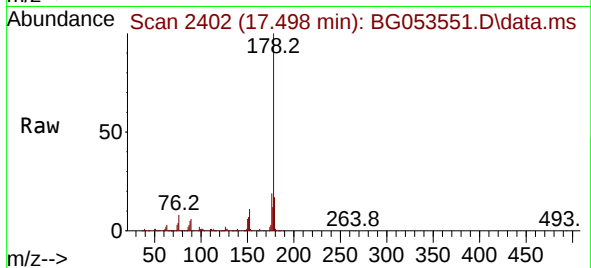
Tgt Ion:178 Resp: 523652

Ion Ratio Lower Upper

178 100

176 18.7 14.1 21.1

179 16.5 12.1 18.1



#72

Anthracene

Concen: 52.027 ng

RT: 17.592 min Scan# 2418

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

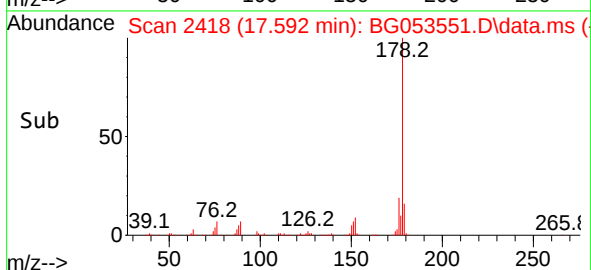
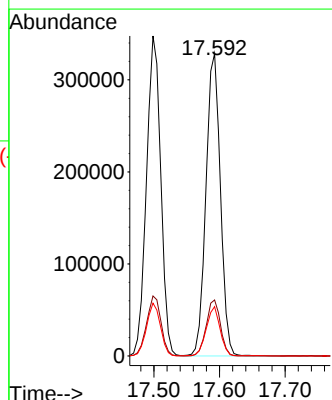
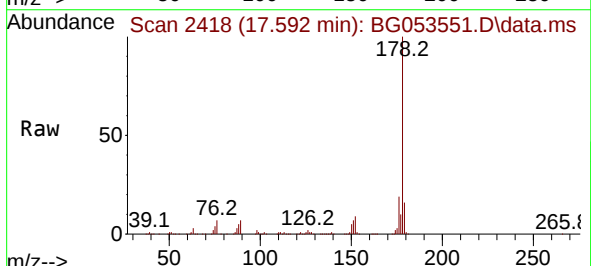
Tgt Ion:178 Resp: 504073

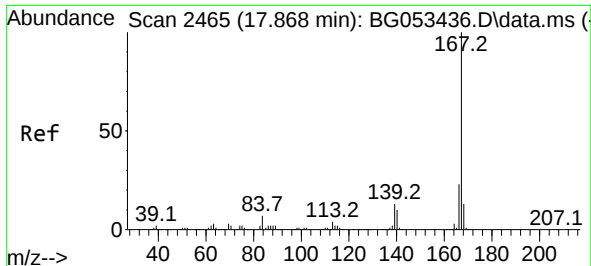
Ion Ratio Lower Upper

178 100

176 18.5 15.2 22.8

179 16.3 13.0 19.4

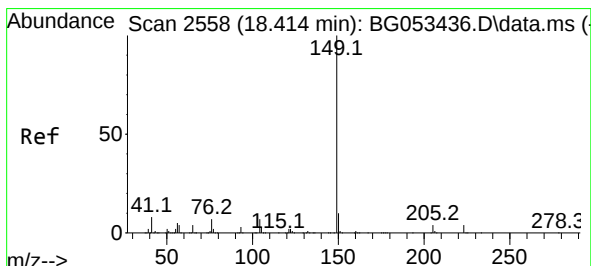
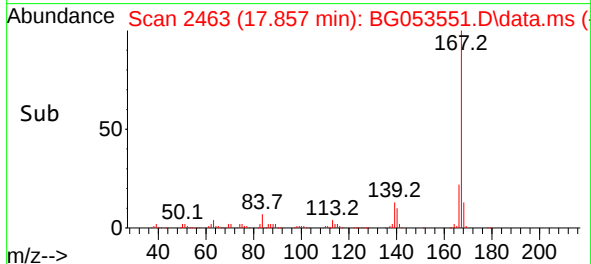
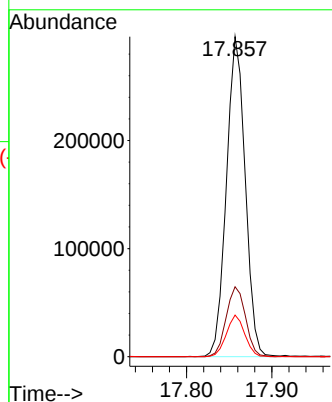
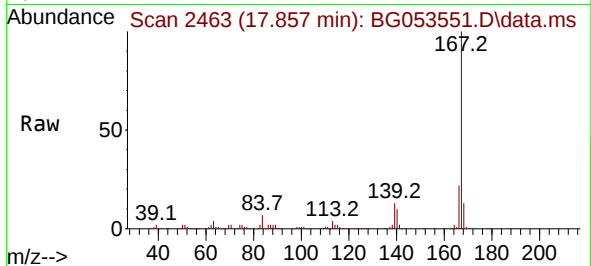




#73
 Carbazole
 Concen: 47.763 ng
 RT: 17.857 min Scan# 2463
 Delta R.T. -0.002 min
 Lab File: BG053551.D
 Acq: 13 May 2022 20:24

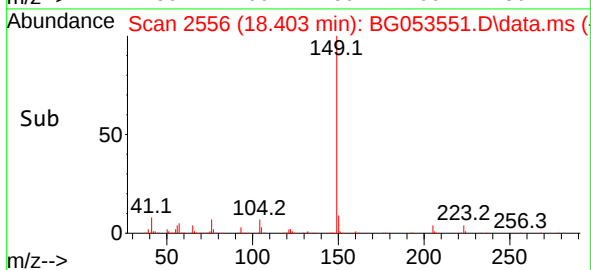
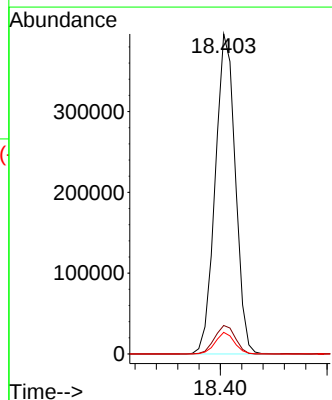
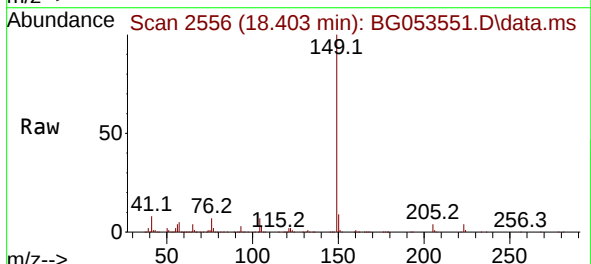
Instrument :
 BNA_G
 ClientSampleId :
 SB16MSD

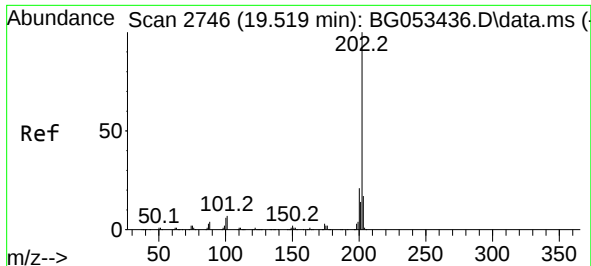
Tgt Ion:167 Resp: 453528
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.2 27.2
 139 13.0 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 48.491 ng
 RT: 18.403 min Scan# 2556
 Delta R.T. -0.002 min
 Lab File: BG053551.D
 Acq: 13 May 2022 20:24

Tgt Ion:149 Resp: 517838
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.7 11.5
 104 6.8 5.4 8.0

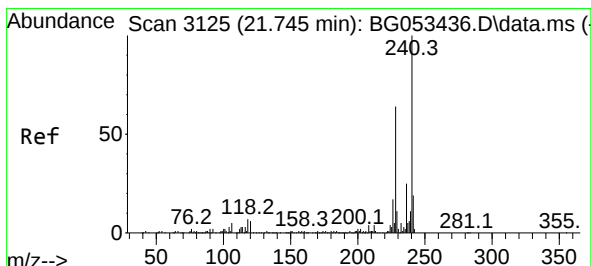
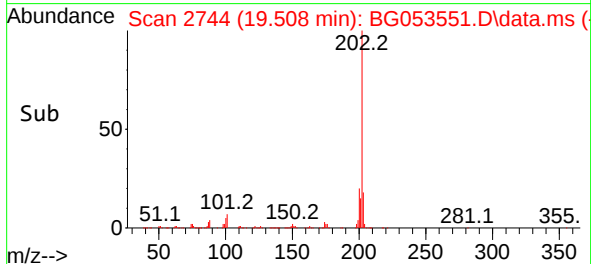
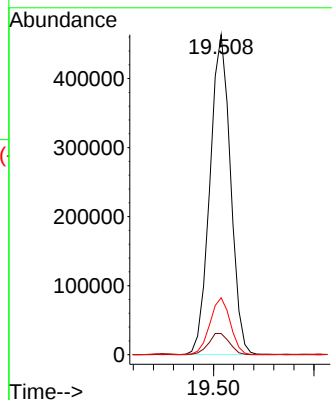
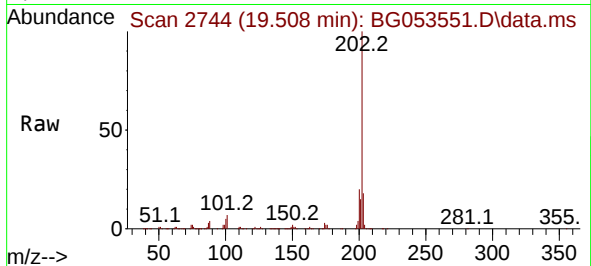




#75
Fluoranthene
Concen: 51.676 ng
RT: 19.508 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

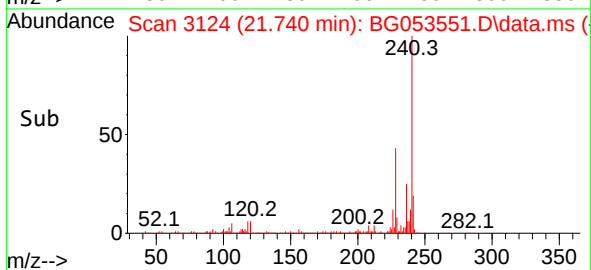
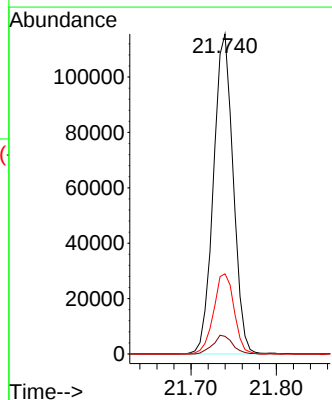
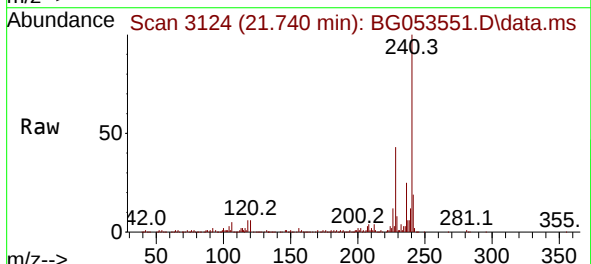
Instrument :
BNA_G
ClientSampleId :
SB16MSD

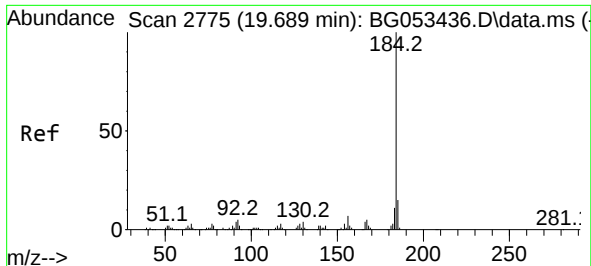
Tgt Ion:202 Resp: 659540
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.9
203 17.8 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:240 Resp: 185198
Ion Ratio Lower Upper
240 100
120 5.5 4.6 7.0
236 25.1 20.2 30.4

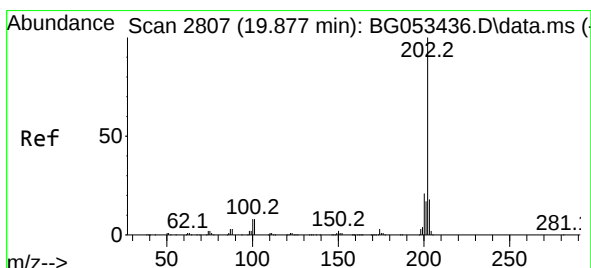
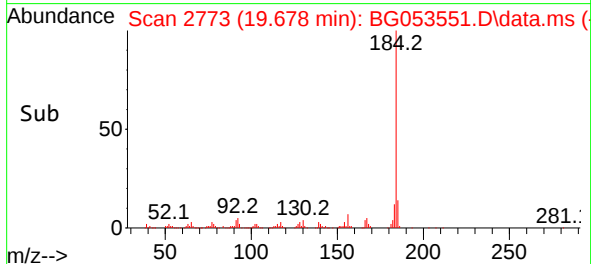
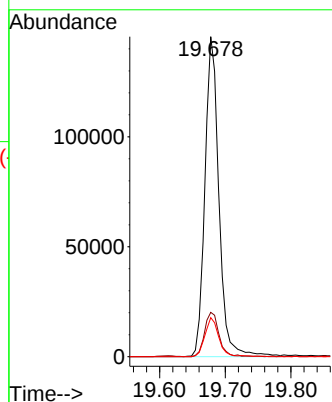
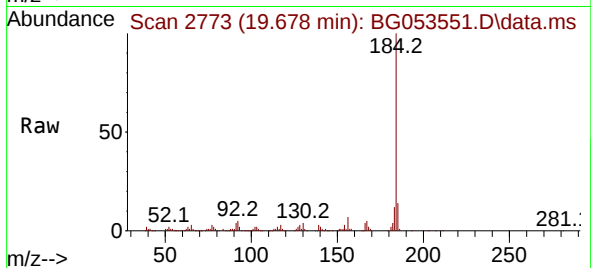




#77
Benzidine
Concen: 54.296 ng
RT: 19.678 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

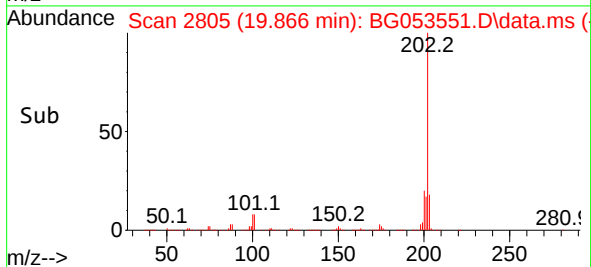
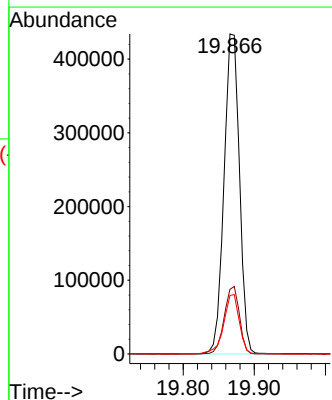
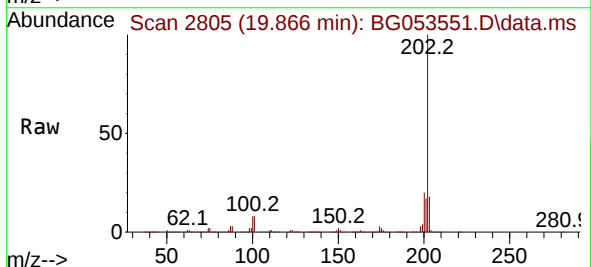
Instrument :
BNA_G
ClientSampleId :
SB16MSD

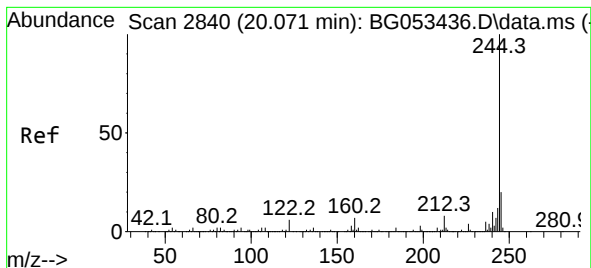
Tgt Ion:184 Resp: 216733
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.6
183 12.2 8.9 13.3



#78
Pyrene
Concen: 54.373 ng
RT: 19.866 min Scan# 2805
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:202 Resp: 651870
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 68.756 ng

RT: 20.060 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

Instrument :

BNA_G

ClientSampleId :

SB16MSD

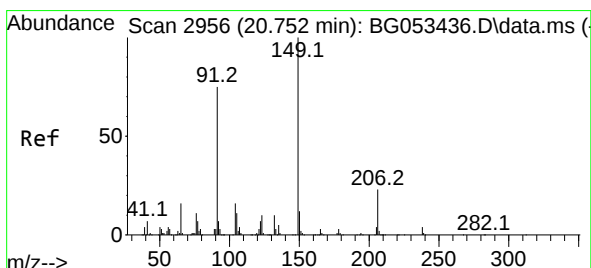
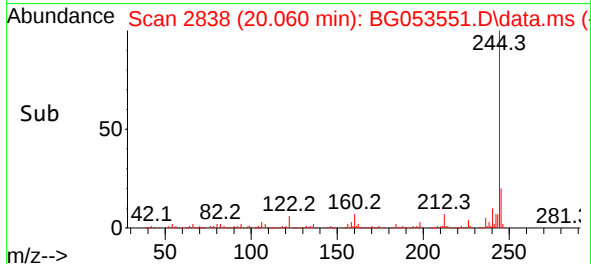
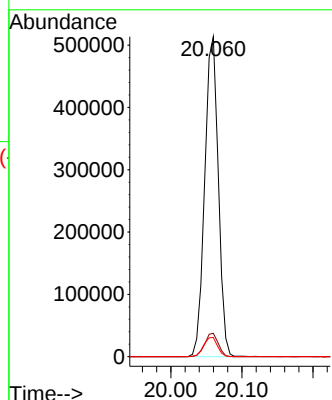
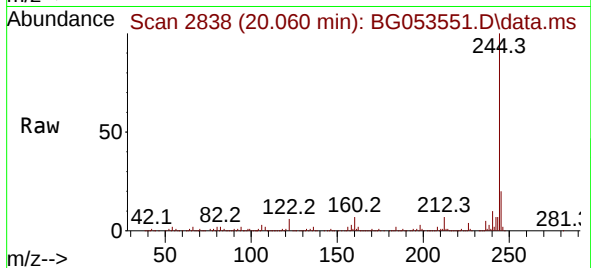
Tgt Ion:244 Resp: 683685

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 6.0 5.0 7.4



#80

Butylbenzylphthalate

Concen: 51.987 ng

RT: 20.741 min Scan# 2954

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

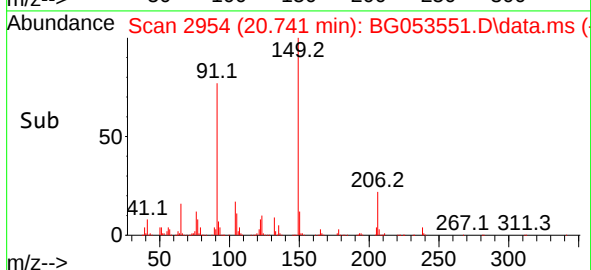
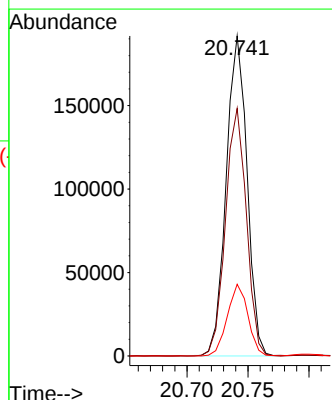
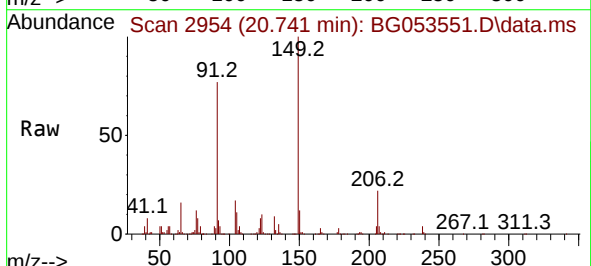
Tgt Ion:149 Resp: 228547

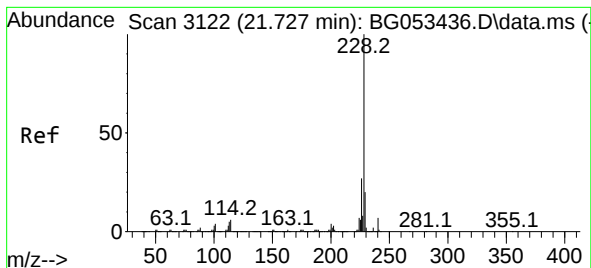
Ion Ratio Lower Upper

149 100

91 77.3 59.6 89.4

206 22.4 18.6 28.0





#81

Benzo(a)anthracene

Concen: 53.819 ng

RT: 21.716 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

Instrument :

BNA_G

ClientSampleId :

SB16MSD

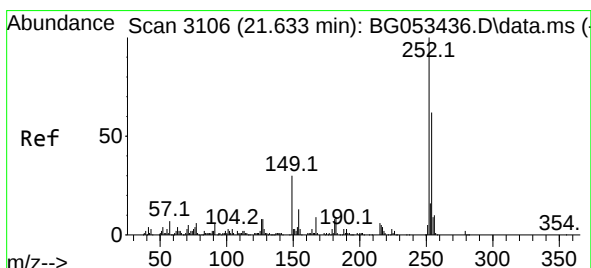
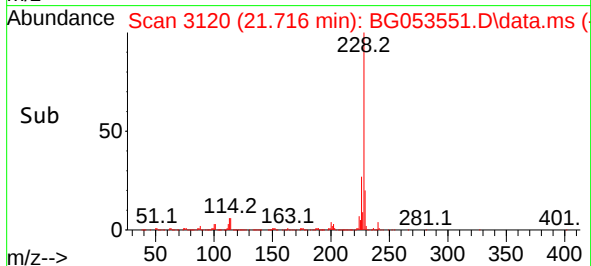
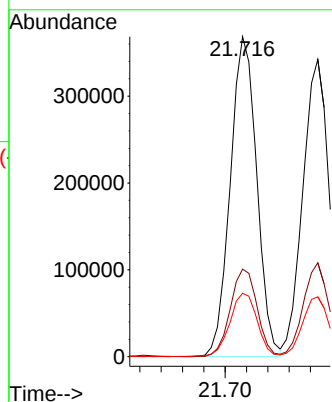
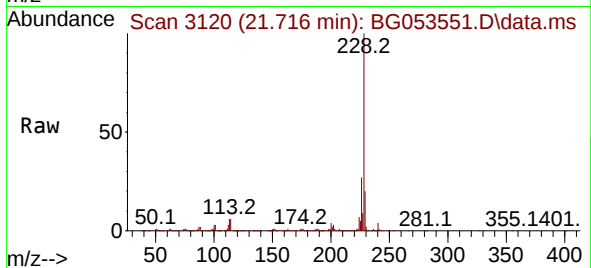
Tgt Ion:228 Resp: 635720

Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

229 19.8 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 39.738 ng

RT: 21.622 min Scan# 3104

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

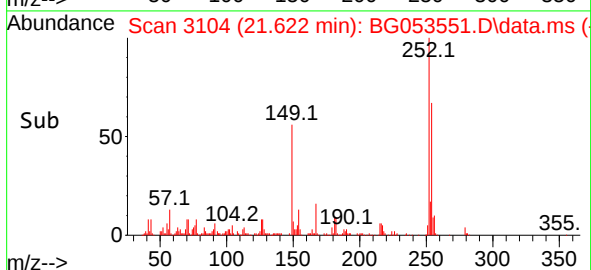
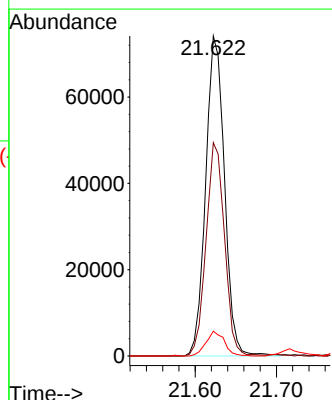
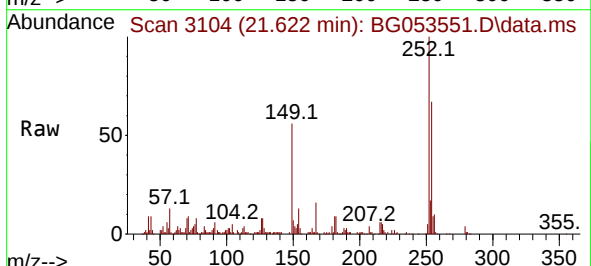
Tgt Ion:252 Resp: 119034

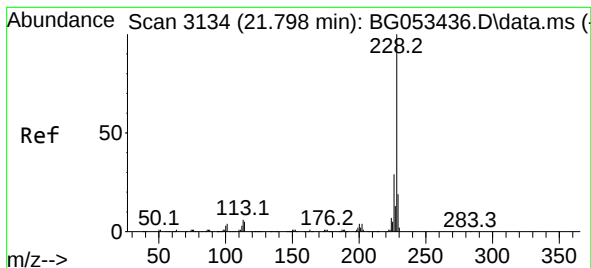
Ion Ratio Lower Upper

252 100

254 66.6 49.8 74.8

126 7.8 6.0 9.0





#83

Chrysene

Concen: 52.753 ng

RT: 21.787 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

Instrument :

BNA_G

ClientSampleId :

SB16MSD

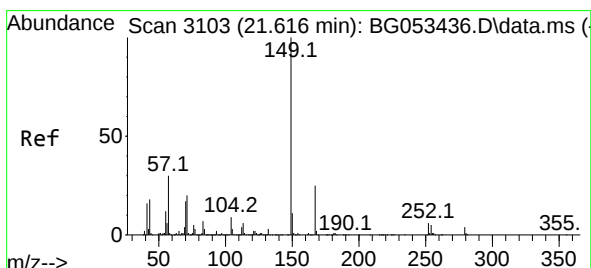
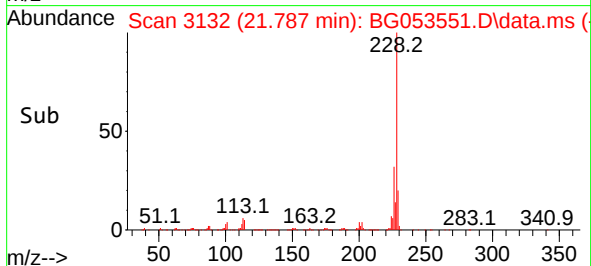
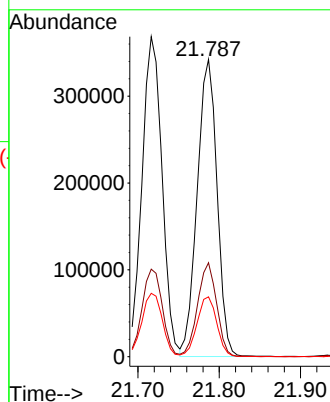
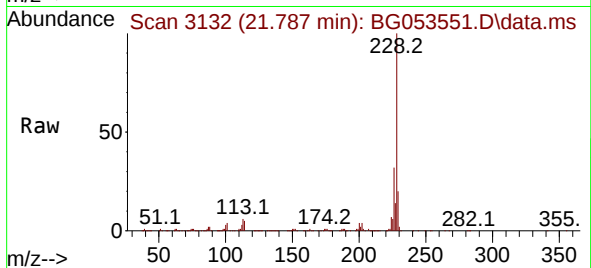
Tgt Ion:228 Resp: 581988

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.2

229 20.2 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.188 ng

RT: 21.605 min Scan# 3101

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

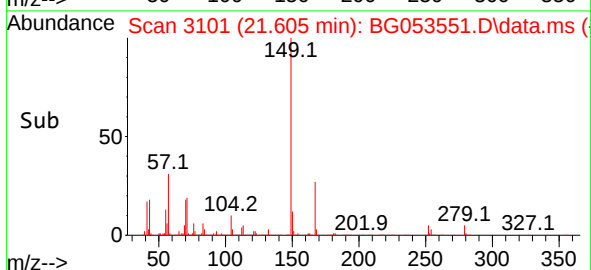
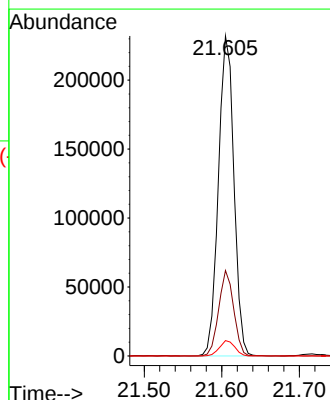
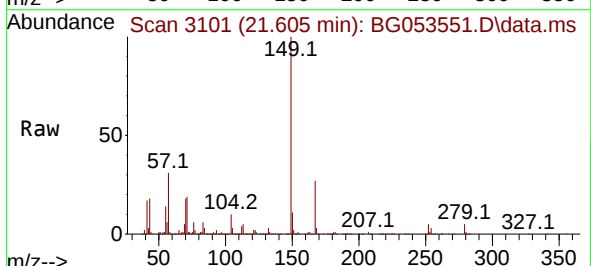
Tgt Ion:149 Resp: 322737

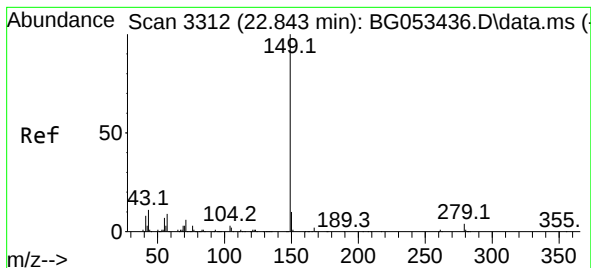
Ion Ratio Lower Upper

149 100

167 26.7 20.2 30.4

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 53.283 ng

RT: 22.832 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

Instrument :

BNA_G

ClientSampleId :

SB16MSD

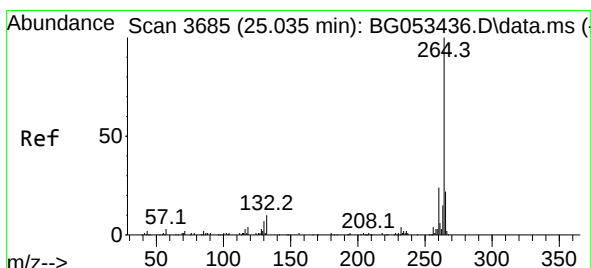
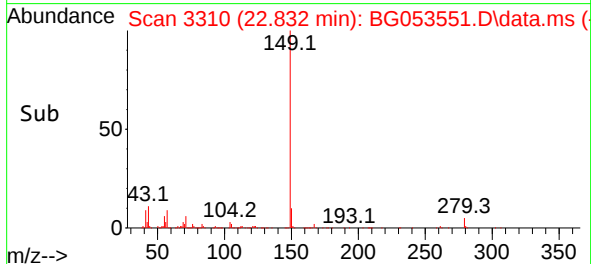
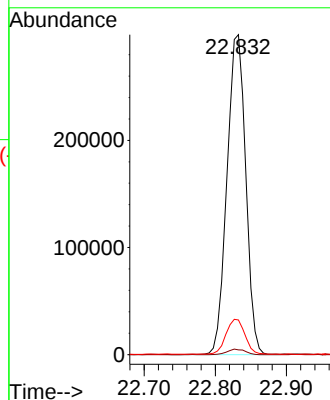
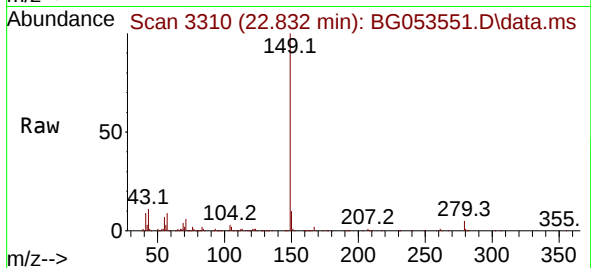
Tgt Ion:149 Resp: 546713

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.9 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 3681

Delta R.T. -0.008 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

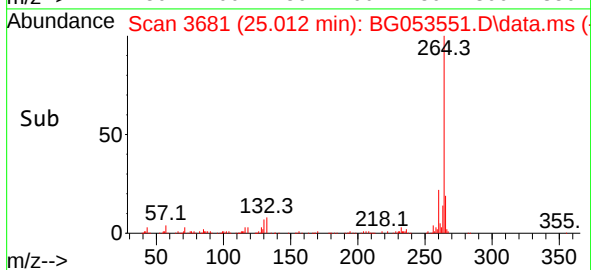
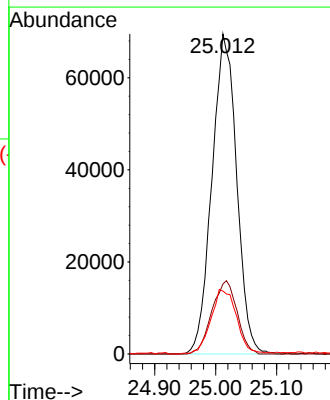
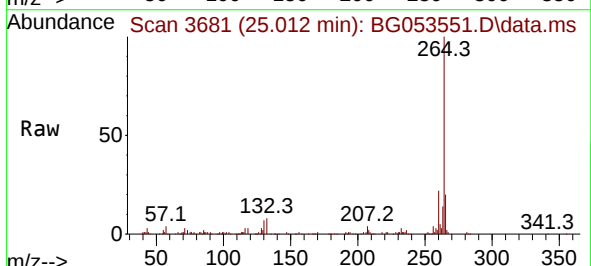
Tgt Ion:264 Resp: 195528

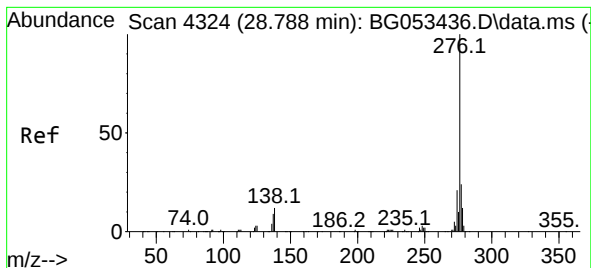
Ion Ratio Lower Upper

264 100

260 21.9 19.0 28.6

265 19.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.654 ng

RT: 28.771 min Scan# 41

Delta R.T. -0.008 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

Instrument :

BNA_G

ClientSampleId :

SB16MSD

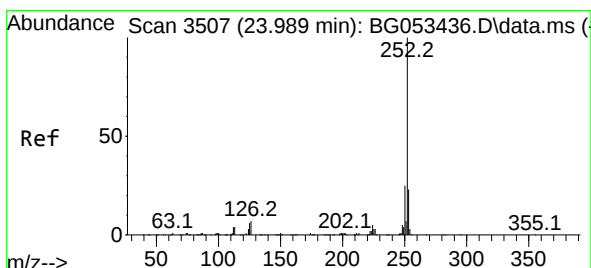
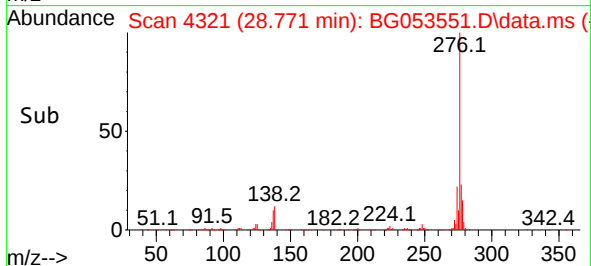
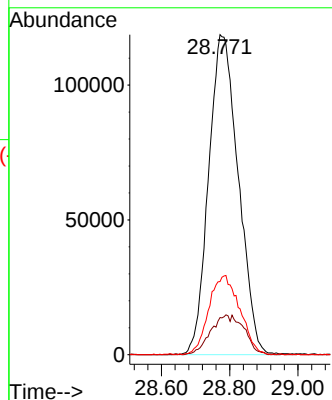
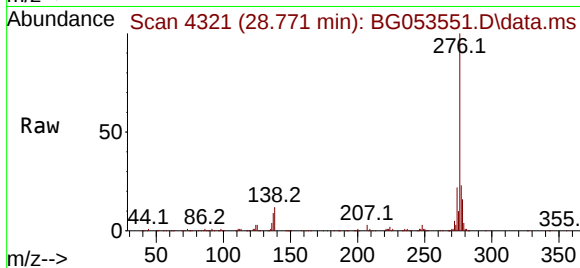
Tgt Ion:276 Resp: 717041

Ion Ratio Lower Upper

276 100

138 8.1 5.0 7.4#

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 57.099 ng

RT: 23.978 min Scan# 3505

Delta R.T. -0.002 min

Lab File: BG053551.D

Acq: 13 May 2022 20:24

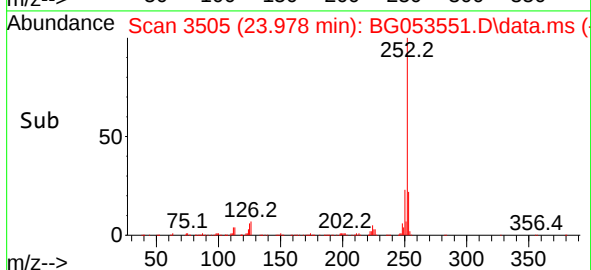
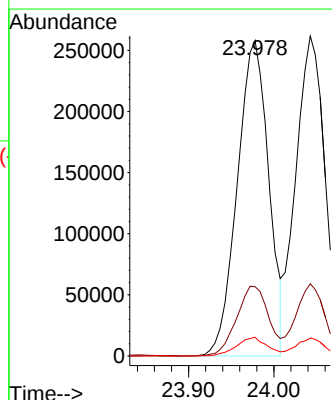
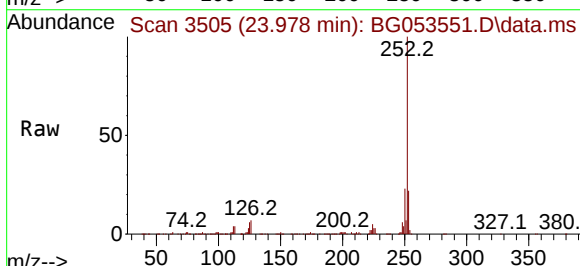
Tgt Ion:252 Resp: 660843

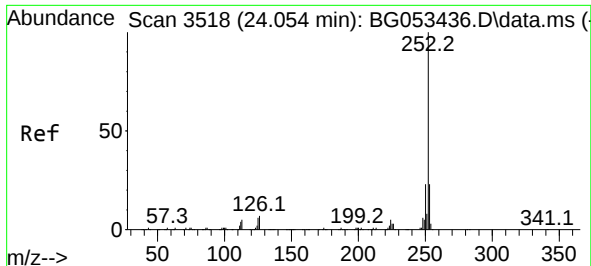
Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 5.9 4.6 6.8

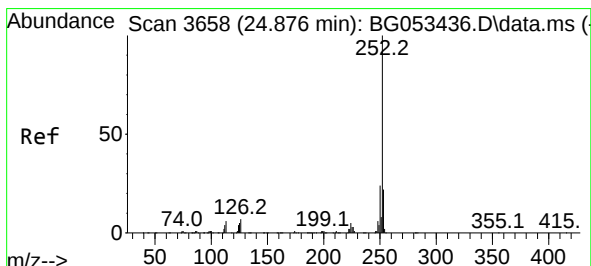
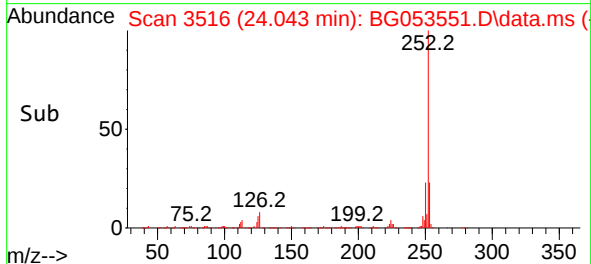
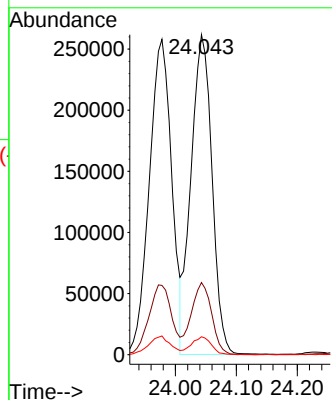
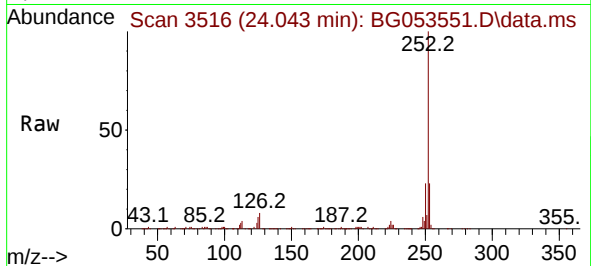




#89
Benzo(k)fluoranthene
Concen: 55.044 ng
RT: 24.043 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

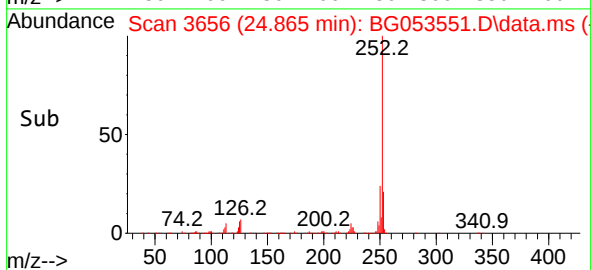
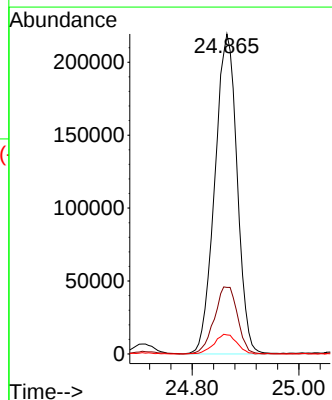
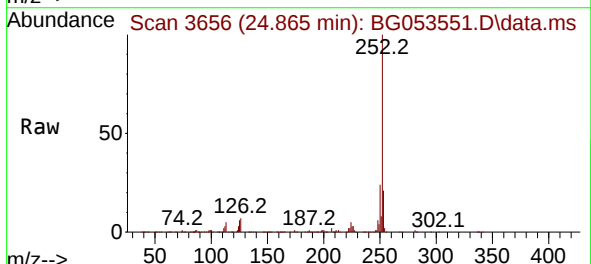
Instrument :
BNA_G
ClientSampleId :
SB16MSD

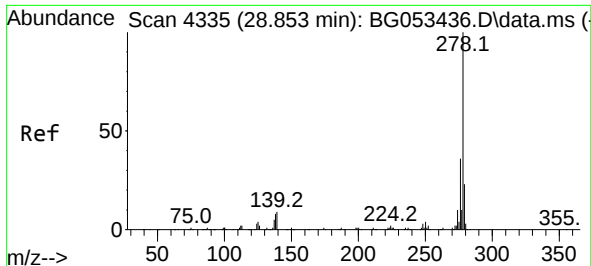
Tgt Ion:252 Resp: 626016
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 5.6 4.8 7.2



#90
Benzo(a)pyrene
Concen: 64.580 ng
RT: 24.865 min Scan# 3656
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:252 Resp: 636168
Ion Ratio Lower Upper
252 100
253 20.8 17.8 26.8
125 6.0 4.3 6.5

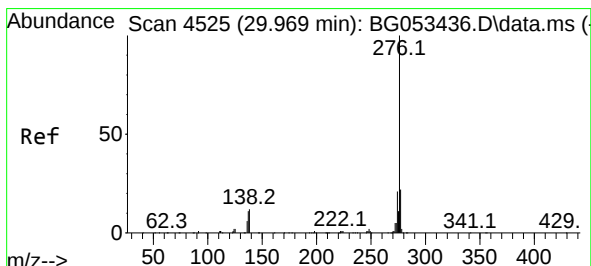
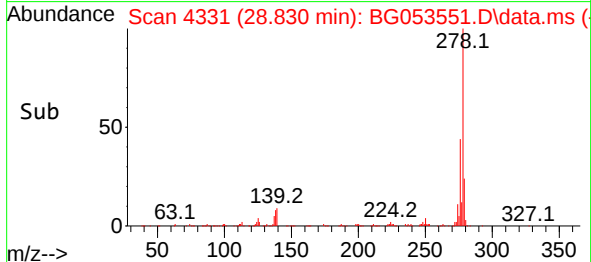
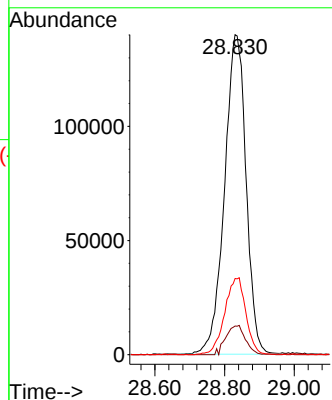
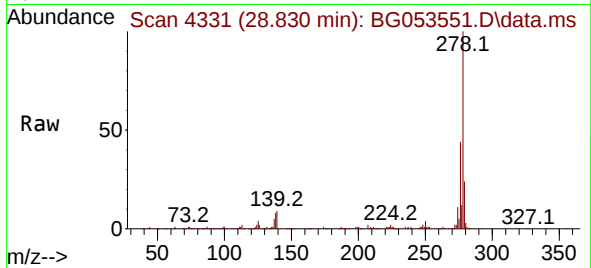




#91
Dibenzo(a,h)anthracene
Concen: 53.553 ng
RT: 28.830 min Scan# 41
Delta R.T. -0.008 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion:278 Resp: 600932
Ion Ratio Lower Upper
278 100
139 8.9 7.2 10.8
279 23.8 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 55.308 ng
RT: 29.952 min Scan# 4522
Delta R.T. -0.002 min
Lab File: BG053551.D
Acq: 13 May 2022 20:24

Tgt Ion:276 Resp: 615194
Ion Ratio Lower Upper
276 100
277 24.9 17.3 25.9
138 12.0 9.6 14.4

