

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
 Data File : BG057623.D
 Acq On : 31 May 2023 15:54
 Operator : CG/JU
 Sample : 02971-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB16MSD

Quant Time: Jun 01 03:54:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	21679	20.000	ng	0.00
21) Naphthalene-d8	11.181	136	89467	20.000	ng	# 0.00
39) Acenaphthene-d10	14.958	164	63950	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	157784	20.000	ng	0.00
76) Chrysene-d12	22.001	240	136362	20.000	ng	0.00
86) Perylene-d12	25.491	264	148510	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	144526	115.820	ng	0.00
7) Phenol-d6	7.492	99	212267	108.695	ng	0.00
23) Nitrobenzene-d5	9.524	82	129401	67.611	ng	0.00
42) 2,4,6-Tribromophenol	16.444	330	97531	95.258	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	303076	68.109	ng	0.00
79) Terphenyl-d14	20.263	244	543201	69.003	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.650	88	24012	46.444	ng	95
3) Pyridine	4.073	79	64609	40.876	ng	96
4) n-Nitrosodimethylamine	3.985	42	31535	49.310	ng	88
6) Aniline	7.650	93	83531	35.357	ng	96
8) 2-Chlorophenol	7.903	128	73322	54.732	ng	95
9) Benzaldehyde	7.468	77	48151	37.215	ng	93
10) Phenol	7.515	94	98732	53.416	ng	99
11) bis(2-Chloroethyl)ether	7.738	93	68252	49.452	ng	98
12) 1,3-Dichlorobenzene	8.226	146	79671	55.822	ng	99
13) 1,4-Dichlorobenzene	8.373	146	80160	55.206	ng	97
14) 1,2-Dichlorobenzene	8.702	146	76631	54.107	ng	100
15) Benzyl Alcohol	8.578	79	76927	51.208	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.854	45	86858	50.683	ng	96
17) 2-Methylphenol	8.784	107	67265	49.556	ng	99
18) Hexachloroethane	9.436	117	28295	56.910	ng	94
19) n-Nitroso-di-n-propyla...	9.142	70	61476	45.312	ng	99
20) 3+4-Methylphenols	9.113	107	92581	48.588	ng	97
22) Acetophenone	9.172	105	116682	48.773	ng	96
24) Nitrobenzene	9.565	77	91304	46.997	ng	93
25) Isophorone	10.082	82	168562	44.808	ng	97
26) 2-Nitrophenol	10.282	139	41386	49.684	ng	93
27) 2,4-Dimethylphenol	10.329	122	74000	51.384	ng	99
28) bis(2-Chloroethoxy)met...	10.552	93	94221	48.302	ng	100
29) 2,4-Dichlorophenol	10.828	162	77953	51.537	ng	98
30) 1,2,4-Trichlorobenzene	11.034	180	82362	49.962	ng	100
31) Naphthalene	11.228	128	224568	47.450	ng	100
32) Benzoic acid	10.493	122	35158	42.721	ng	99
33) 4-Chloroaniline	11.339	127	64097	29.451	ng	97
34) Hexachlorobutadiene	11.498	225	57709	50.613	ng	99
35) Caprolactam	12.109	113	16017	25.544	ng	91
36) 4-Chloro-3-methylphenol	12.438	107	84765	47.344	ng	97
37) 2-Methylnaphthalene	12.808	142	165068	44.439	ng	95
38) 1-Methylnaphthalene	13.025	142	153941	43.429	ng	99
40) 1,2,4,5-Tetrachloroben...	13.172	216	110281	52.539	ng	99
41) Hexachlorocyclopentadiene	13.143	237	63998	102.262	ng	95
43) 2,4,6-Trichlorophenol	13.407	196	71093	53.799	ng	97

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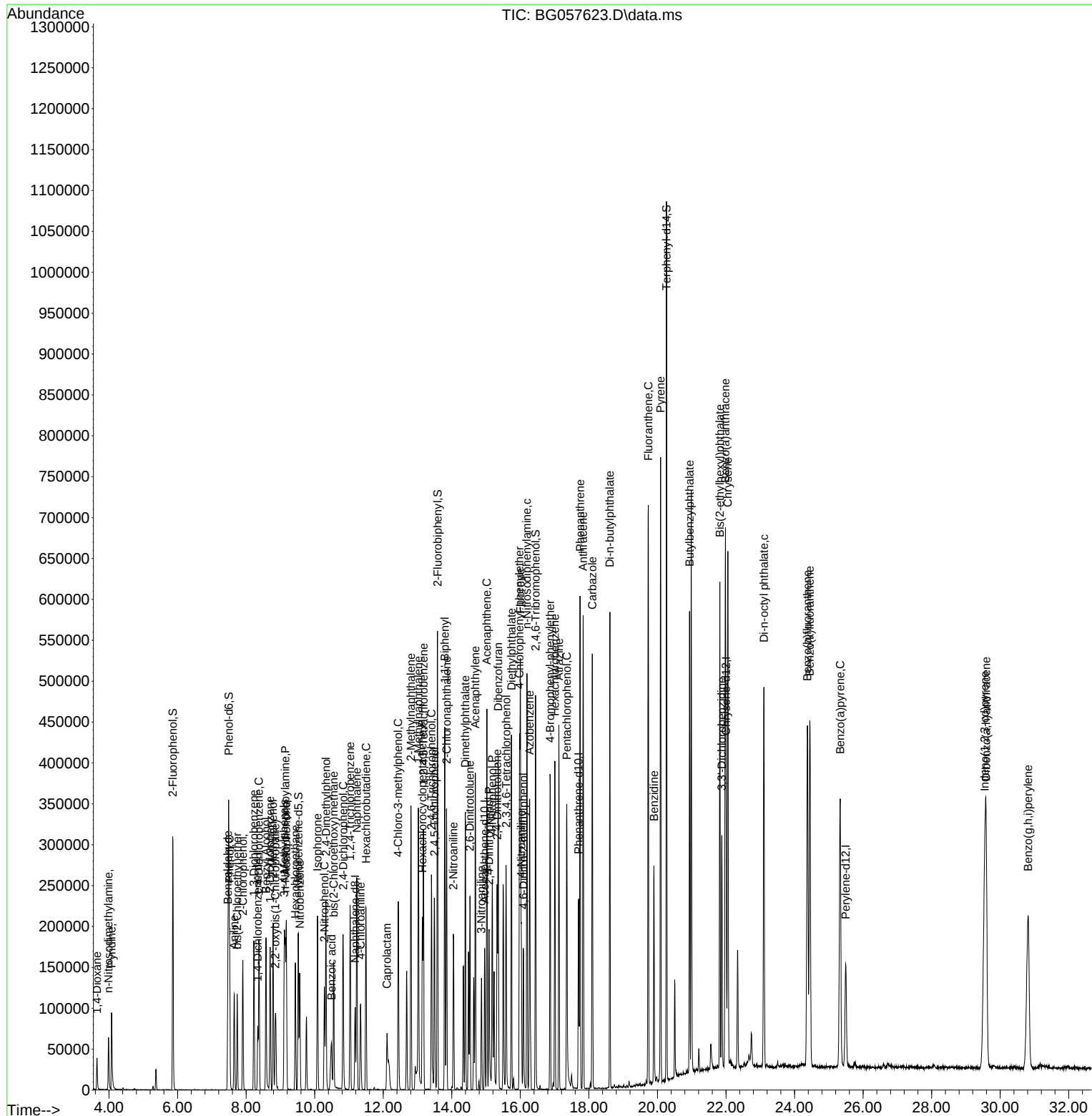
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.495	196	75773	48.144	ng	98
46) 1,1'-Biphenyl	13.795	154	232937	50.964	ng	98
47) 2-Chloronaphthalene	13.848	162	176735	51.337	ng	98
48) 2-Nitroaniline	14.047	65	57470	47.657	ng	98
49) Acenaphthylene	14.688	152	281063	48.212	ng	99
50) Dimethylphthalate	14.394	163	236212	44.816	ng	99
51) 2,6-Dinitrotoluene	14.529	165	53863	47.740	ng	93
52) Acenaphthene	15.023	154	172984	48.493	ng	97
53) 3-Nitroaniline	14.864	138	36774	31.249	ng	100
54) 2,4-Dinitrophenol	15.087	184	61321	89.199	ng	95
55) Dibenzofuran	15.352	168	284390	46.658	ng	99
56) 4-Nitrophenol	15.181	139	72891	92.964	ng	95
57) 2,4-Dinitrotoluene	15.322	165	76985	45.572	ng	99
58) Fluorene	15.998	166	235499	45.760	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.587	232	71709	48.634	ng	98
60) Diethylphthalate	15.739	149	242650	44.108	ng	99
61) 4-Chlorophenyl-phenyle...	15.974	204	132842	46.317	ng	98
62) 4-Nitroaniline	16.027	138	53745	42.338	ng	93
63) Azobenzene	16.268	77	243948	49.862	ng	99
65) 4,6-Dinitro-2-methylph...	16.092	198	50798	52.875	ng	96
66) n-Nitrosodiphenylamine	16.192	169	207503	50.598	ng	99
67) 4-Bromophenyl-phenylether	16.873	248	88966	50.266	ng	97
68) Hexachlorobenzene	17.008	284	94824	51.975	ng	98
69) Atrazine	17.126	200	95862	54.445	ng	98
70) Pentachlorophenol	17.355	266	85460	91.931	ng	95
71) Phenanthrene	17.742	178	391445	48.480	ng	99
72) Anthracene	17.831	178	402479	48.590	ng	99
73) Carbazole	18.101	167	357651	48.266	ng	98
74) Di-n-butylphthalate	18.612	149	415912	47.281	ng	99
75) Fluoranthene	19.734	202	468008	44.648	ng	100
77) Benzidine	19.898	184	171006	41.443	ng	97
78) Pyrene	20.092	202	477534	49.183	ng	98
80) Butylbenzylphthalate	20.938	149	175716	49.693	ng	98
81) Benzo(a)anthracene	21.984	228	464018	49.049	ng	98
82) 3,3'-Dichlorobenzidine	21.878	252	116354	33.352	ng	98
83) Chrysene	22.054	228	426876	47.749	ng	100
84) Bis(2-ethylhexyl)phtha...	21.819	149	250578	49.679	ng	99
85) Di-n-octyl phthalate	23.106	149	423405	50.643	ng	100
87) Indeno(1,2,3-cd)pyrene	29.550	276	517308	49.961	ng	99
88) Benzo(b)fluoranthene	24.375	252	461520	50.488	ng	98
89) Benzo(k)fluoranthene	24.445	252	455254	49.347	ng	98
90) Benzo(a)pyrene	25.332	252	407378	45.697	ng	99
91) Dibenzo(a,h)anthracene	29.591	278	432558	50.197	ng	100
92) Benzo(g,h,i)perylene	30.813	276	420067	49.984	ng	99

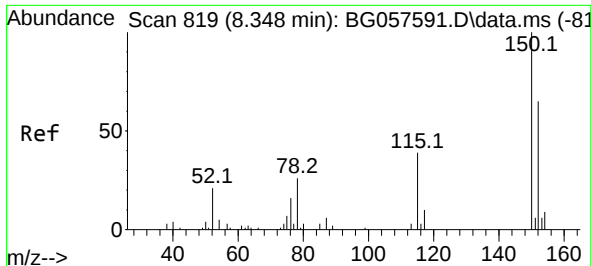
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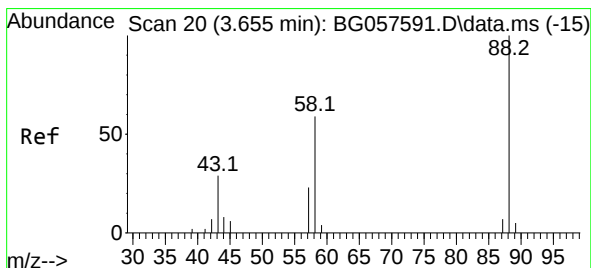
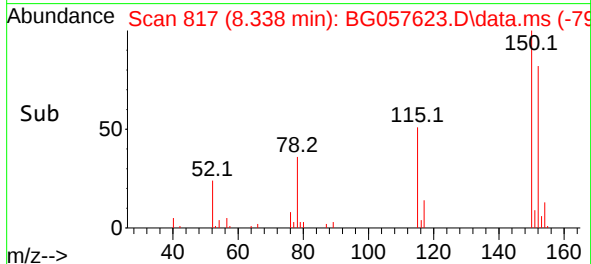
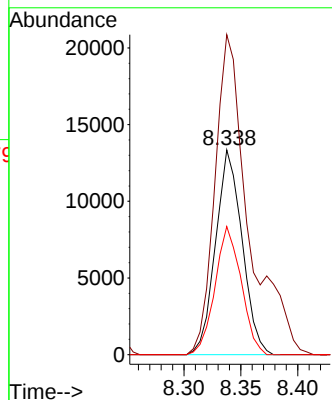
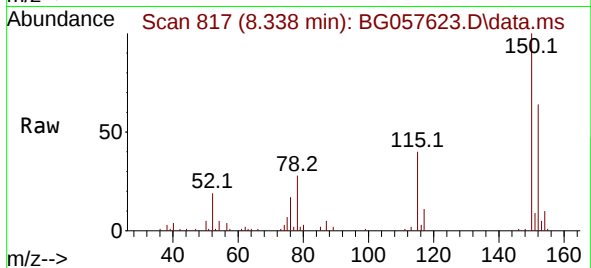




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.338 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: BG057623.D
 Acq: 31 May 2023 15:54

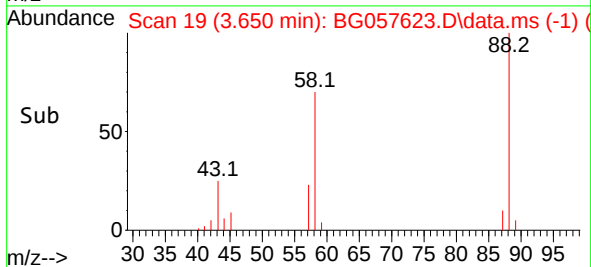
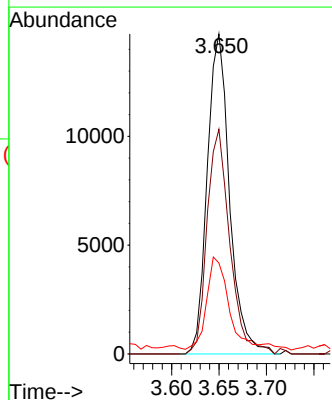
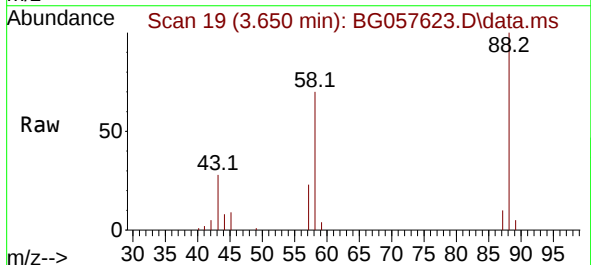
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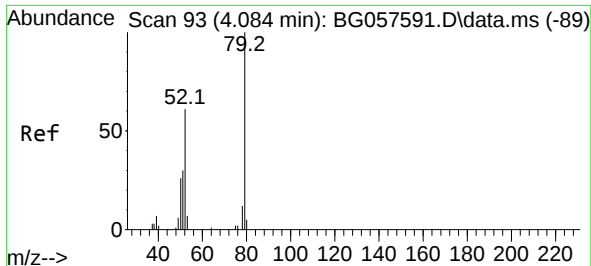
Tgt Ion:152 Resp: 21679
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.0 184.4
 115 62.6 47.4 71.2



#2
 1,4-Dioxane
 Concen: 46.444 ng
 RT: 3.650 min Scan# 19
 Delta R.T. 0.010 min
 Lab File: BG057623.D
 Acq: 31 May 2023 15:54

Tgt Ion: 88 Resp: 24012
 Ion Ratio Lower Upper
 88 100
 58 71.5 52.6 79.0
 43 28.0 22.1 33.1



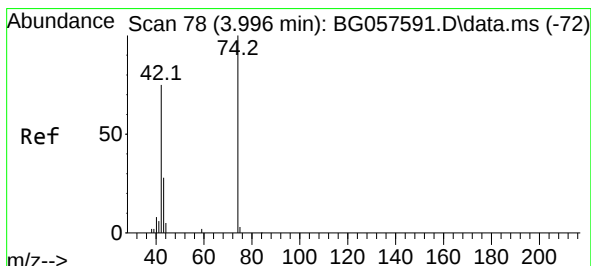
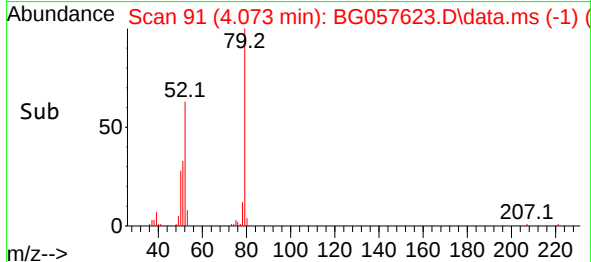
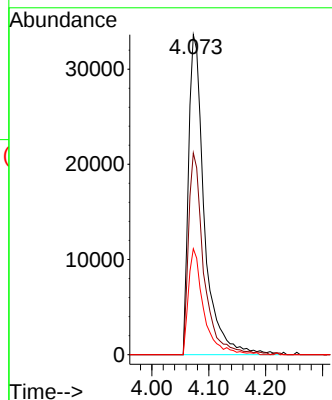
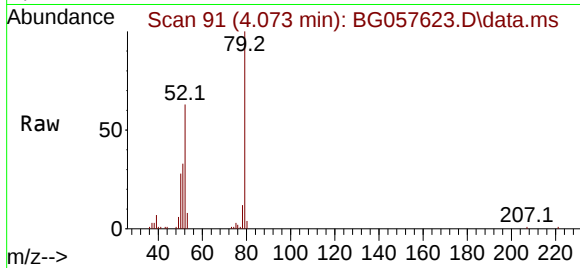


#3
 Pyridine
 Concen: 40.876 ng
 RT: 4.073 min Scan# 91
 Delta R.T. 0.004 min
 Lab File: BG057623.D
 Acq: 31 May 2023 15:54

Instrument :
 BNA_G
 ClientSampleId :
 SB16MSD

Tgt Ion: 79 Resp: 64609

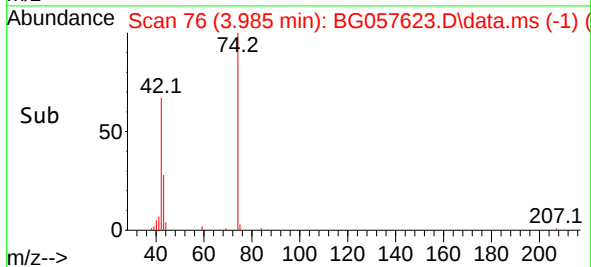
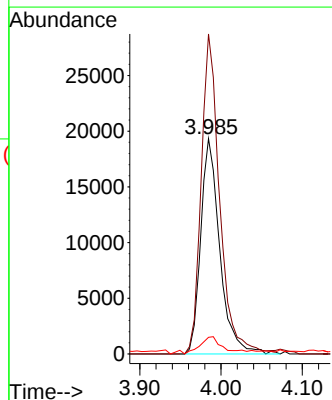
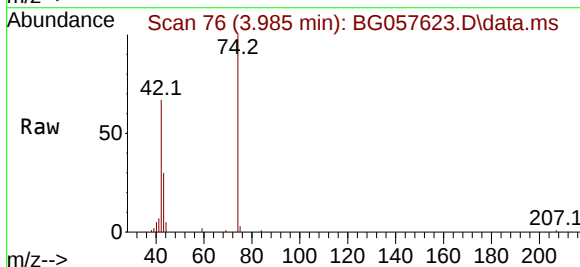
Ion	Ratio	Lower	Upper
79	100		
52	63.1	48.4	72.6
51	33.1	24.4	36.6

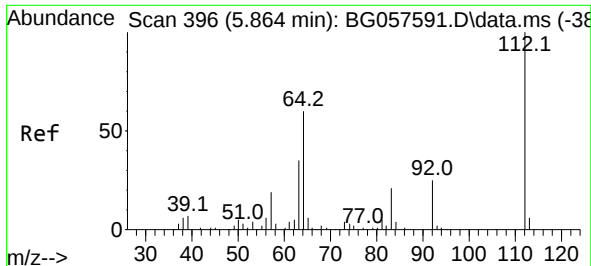


#4
 n-Nitrosodimethylamine
 Concen: 49.310 ng
 RT: 3.985 min Scan# 76
 Delta R.T. 0.004 min
 Lab File: BG057623.D
 Acq: 31 May 2023 15:54

Tgt Ion: 42 Resp: 31535

Ion	Ratio	Lower	Upper
42	100		
74	148.6	107.3	160.9
44	7.7	6.1	9.1

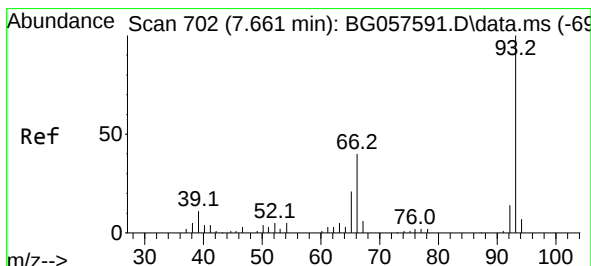
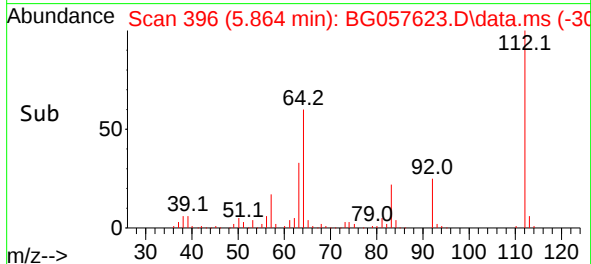
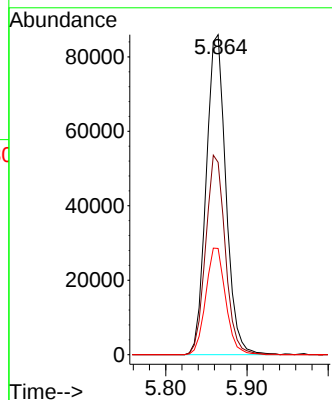
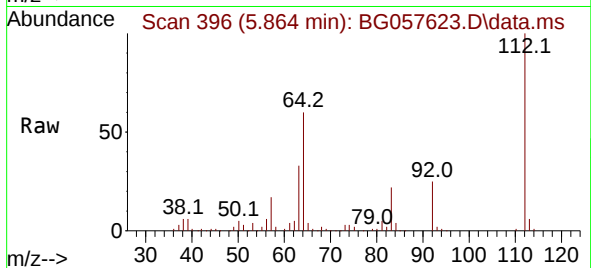




#5
2-Fluorophenol
Concen: 115.820 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.010 min
Lab File: BG057623.D
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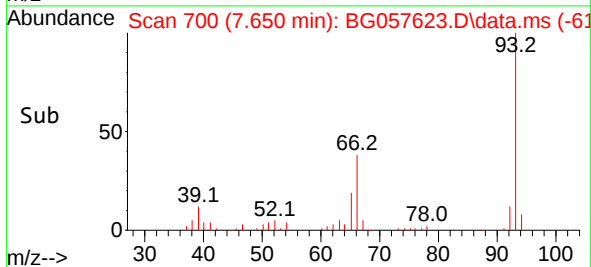
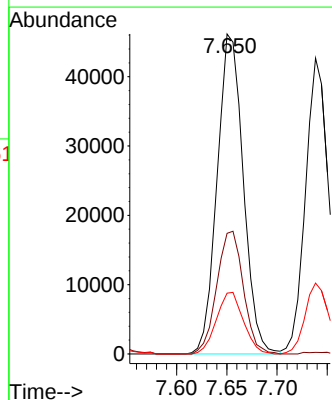
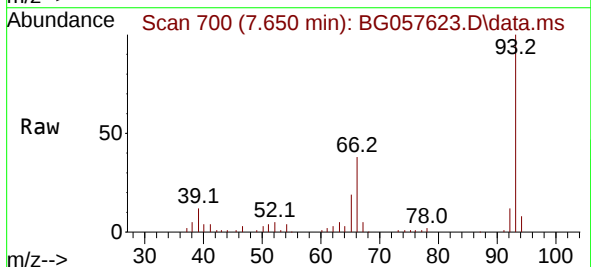
Instrument :
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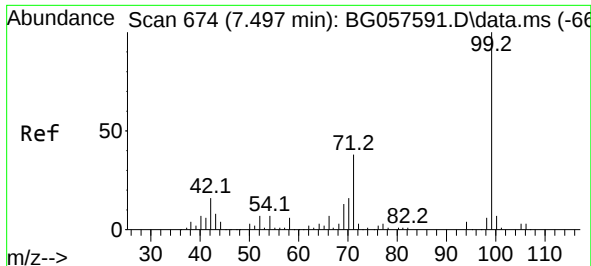
Tgt Ion:112 Resp: 144526
Ion Ratio Lower Upper
112 100
64 60.1 47.8 71.6
63 33.2 27.8 41.8



#6
Aniline
Concen: 35.357 ng
RT: 7.650 min Scan# 700
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion: 93 Resp: 83531
Ion Ratio Lower Upper
93 100
66 37.7 32.2 48.4
65 19.0 16.7 25.1

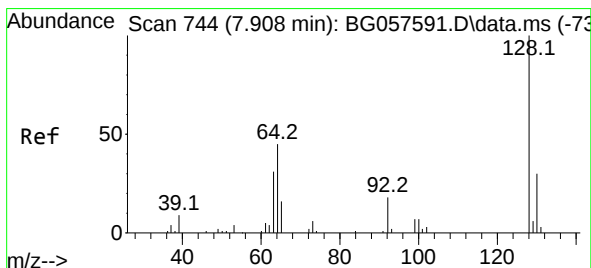
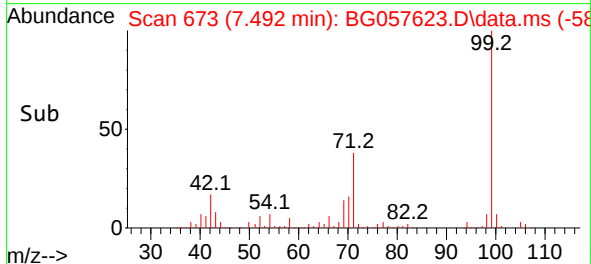
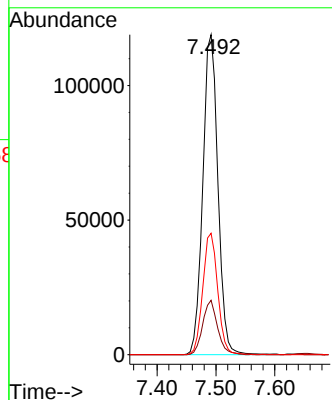
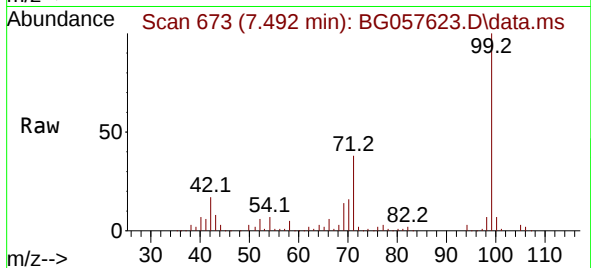




#7
Phenol-d6
Concen: 108.695 ng
RT: 7.492 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG057623.D
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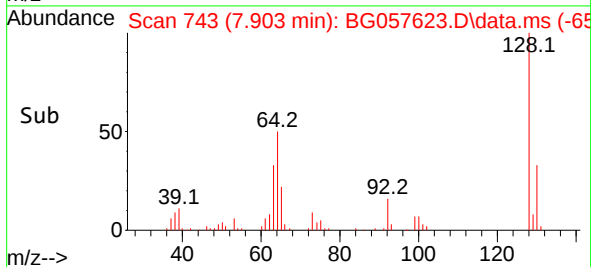
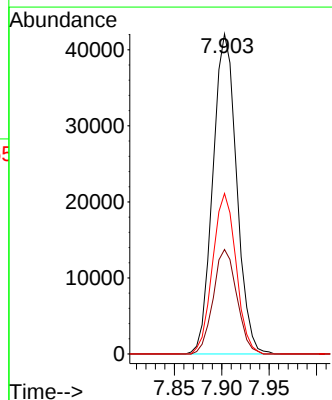
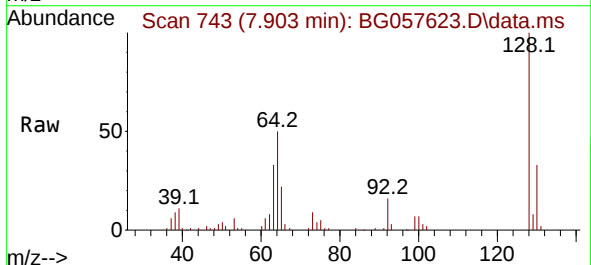
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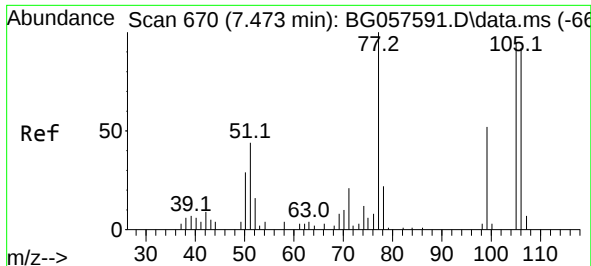
Tgt Ion: 99 Resp: 212267
Ion Ratio Lower Upper
99 100
42 17.0 12.8 19.2
71 37.9 30.3 45.5



#8
2-Chlorophenol
Concen: 54.732 ng
RT: 7.903 min Scan# 743
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion: 128 Resp: 73322
Ion Ratio Lower Upper
128 100
130 32.6 10.5 50.5
64 50.1 33.8 73.8

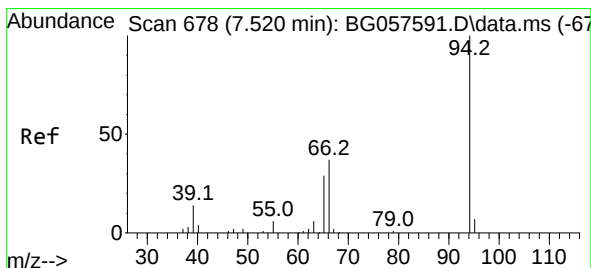
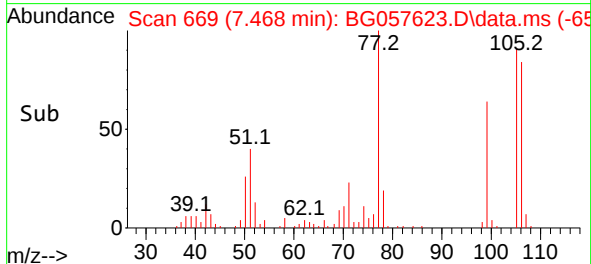
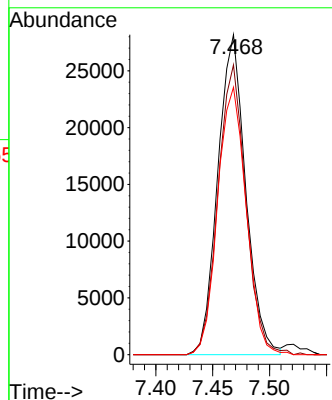
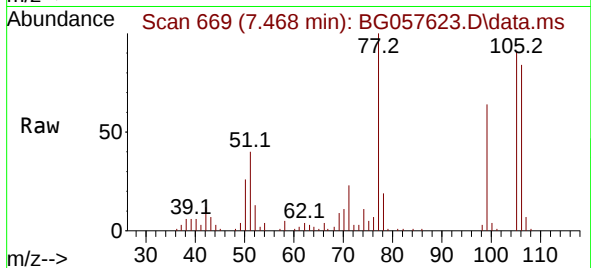




#9
Benzaldehyde
Concen: 37.215 ng
RT: 7.468 min Scan# 669
Delta R.T. 0.004 min
Lab File: BG057623.D
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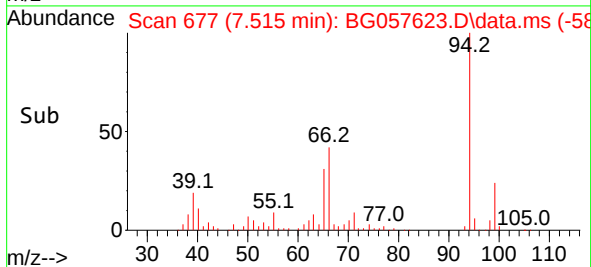
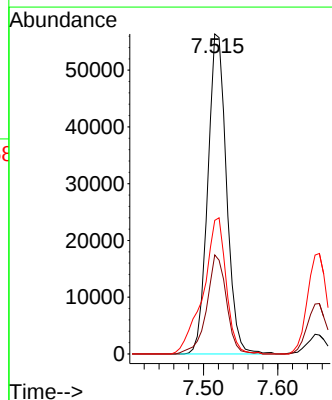
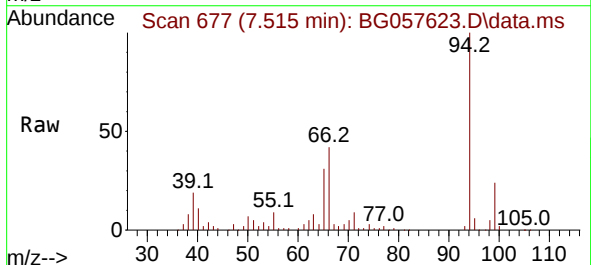
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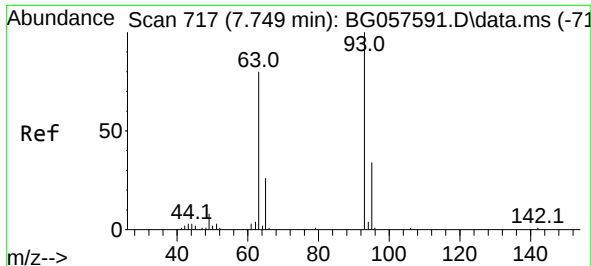
Tgt Ion: 77 Resp: 48151
Ion Ratio Lower Upper
77 100
105 90.5 75.0 115.0
106 83.6 72.5 112.5



#10
Phenol
Concen: 53.416 ng
RT: 7.515 min Scan# 677
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion: 94 Resp: 98732
Ion Ratio Lower Upper
94 100
65 30.9 9.6 49.6
66 41.7 22.0 62.0

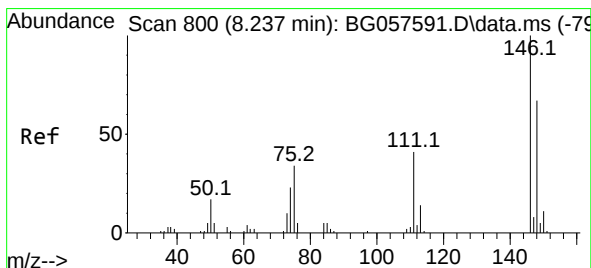
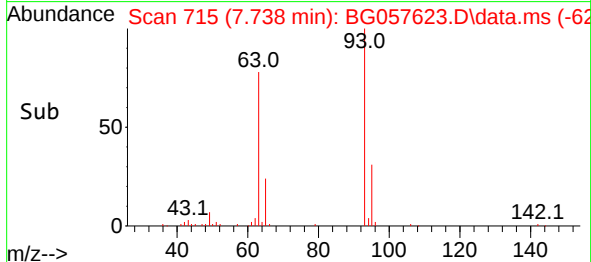
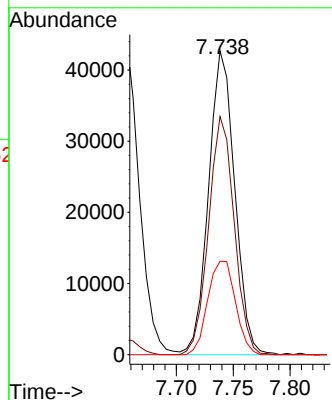
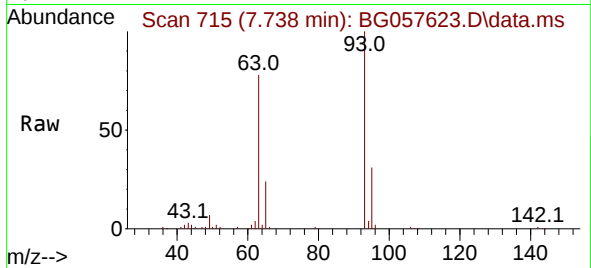




#11
bis(2-Chloroethyl)ether
Concen: 49.452 ng
RT: 7.738 min Scan# 715
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

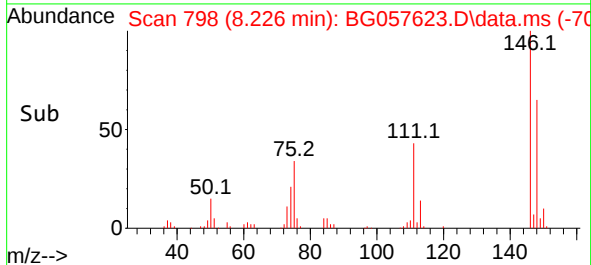
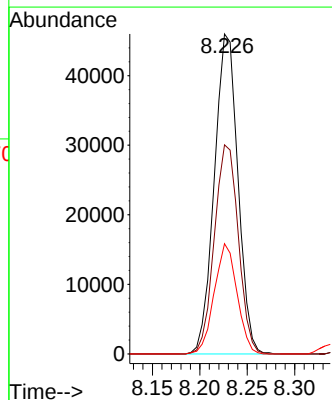
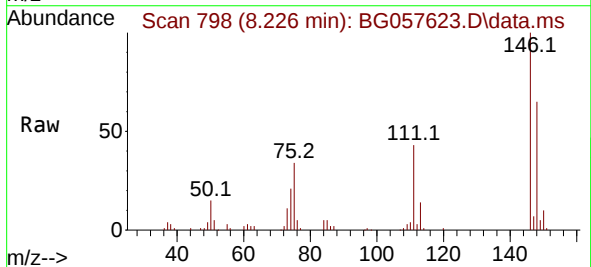
Instrument :
BNA_G
ClientSampleId :
SB16MSD

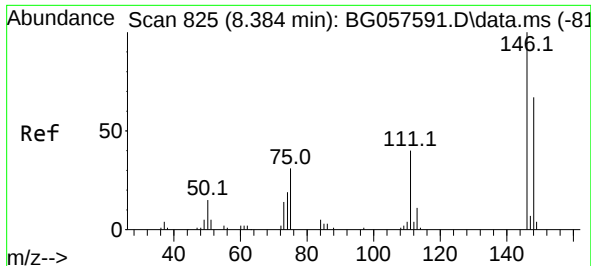
Tgt Ion: 93 Resp: 68252
Ion Ratio Lower Upper
93 100
63 78.4 59.3 99.3
95 30.8 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 55.822 ng
RT: 8.226 min Scan# 798
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:146 Resp: 79671
Ion Ratio Lower Upper
146 100
148 65.4 53.4 80.0
75 34.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 55.206 ng

RT: 8.373 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

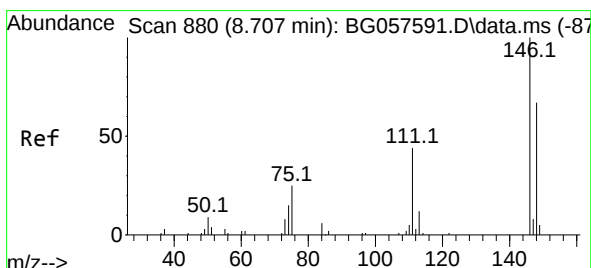
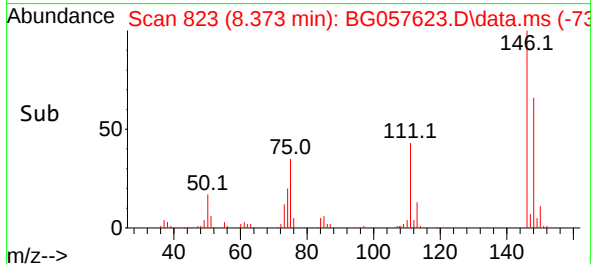
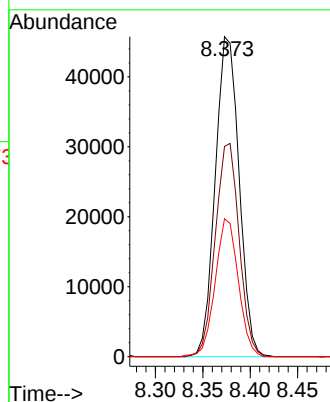
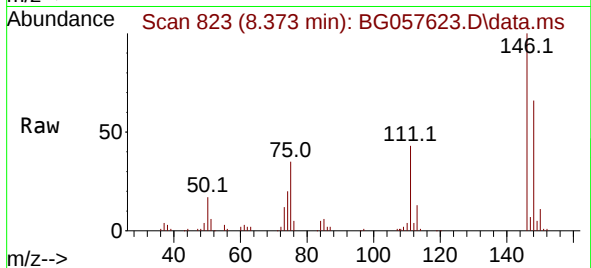
Tgt Ion:146 Resp: 80160

Ion Ratio Lower Upper

146 100

148 65.7 53.8 80.6

111 43.1 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 54.107 ng

RT: 8.702 min Scan# 879

Delta R.T. 0.004 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

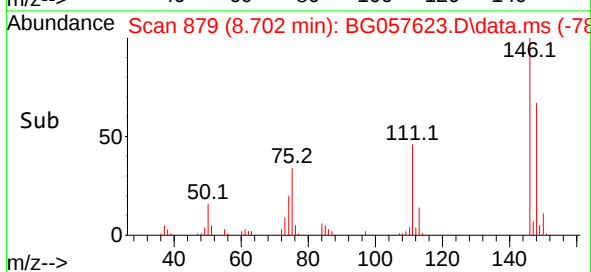
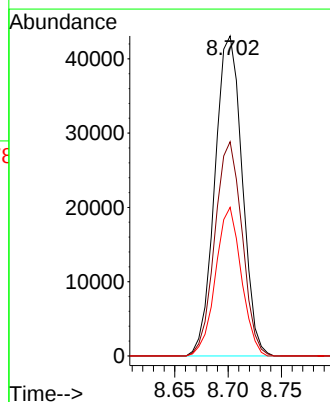
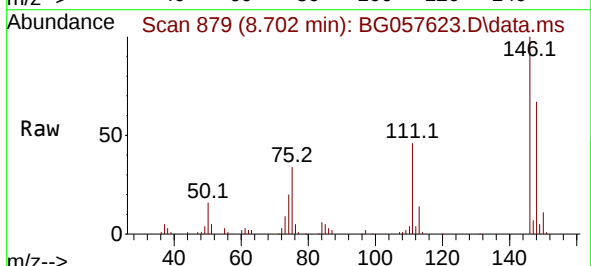
Tgt Ion:146 Resp: 76631

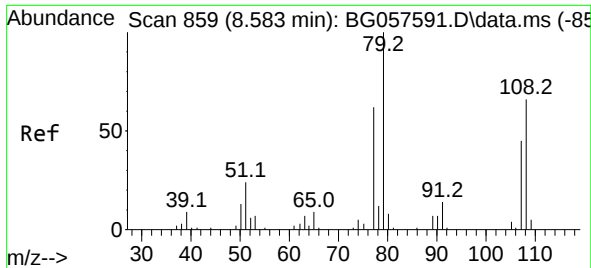
Ion Ratio Lower Upper

146 100

148 66.9 53.5 80.3

111 46.4 36.6 54.8

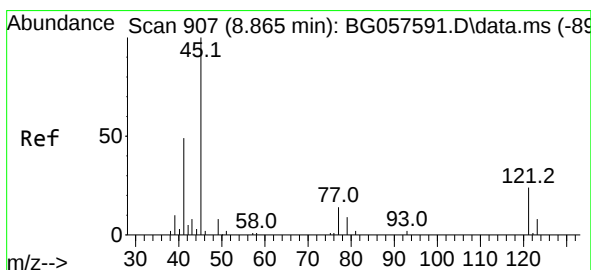
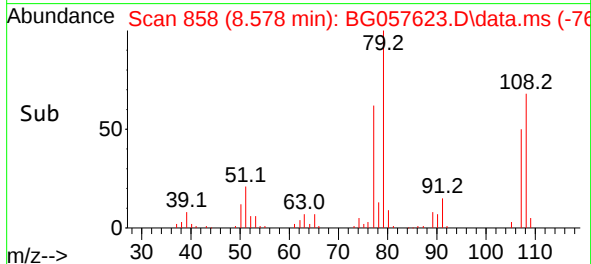
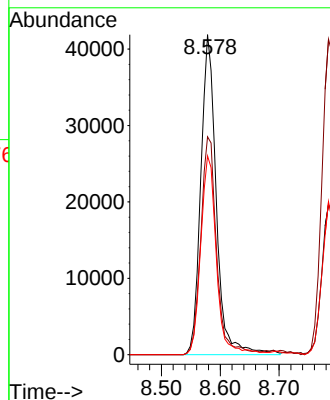
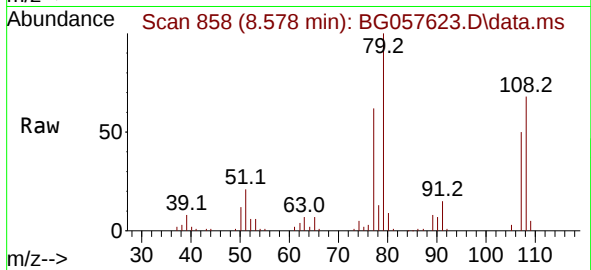




#15
Benzyl Alcohol
Concen: 51.208 ng
RT: 8.578 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

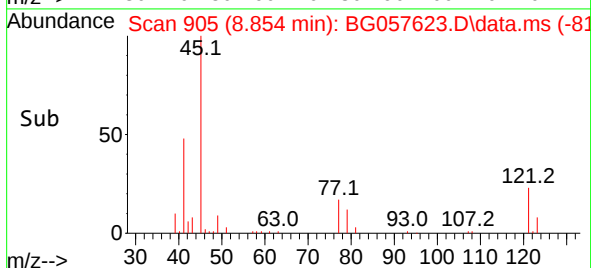
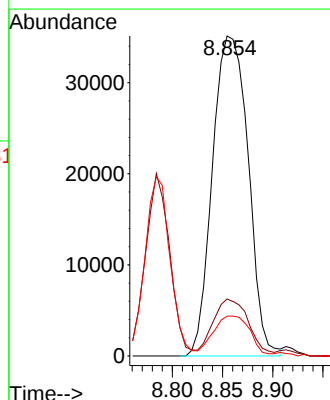
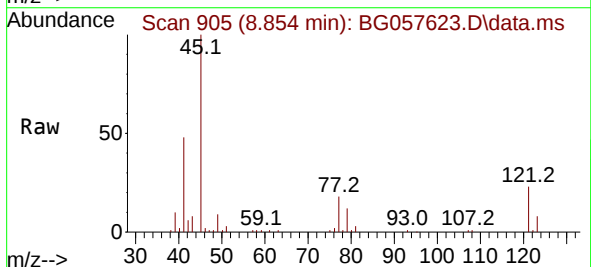
Instrument :
BNA_G
ClientSampleId :
SB16MSD

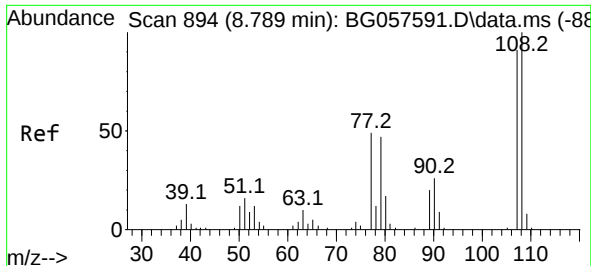
Tgt Ion:	79	Resp:	76927
Ion Ratio	Lower	Upper	
79	100		
108	68.1	52.6	78.8
77	62.1	49.7	74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.683 ng
RT: 8.854 min Scan# 905
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:	45	Resp:	86858
Ion Ratio	Lower	Upper	
45	100		
77	17.8	0.0	39.2
79	12.4	0.0	34.2

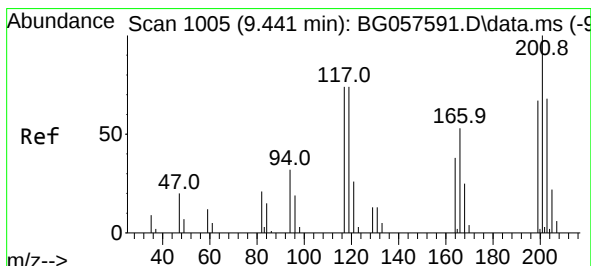
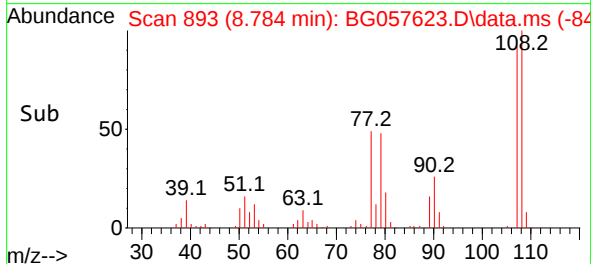
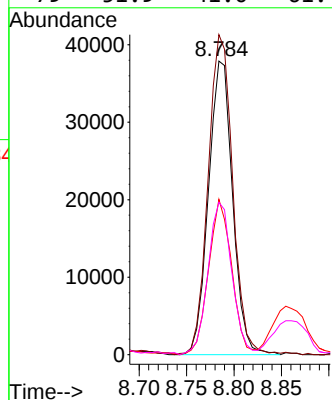
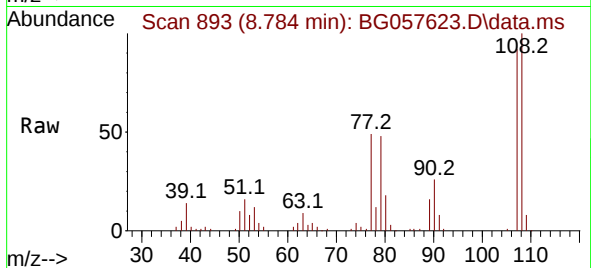




#17
2-Methylphenol
Concen: 49.556 ng
RT: 8.784 min Scan# 894
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

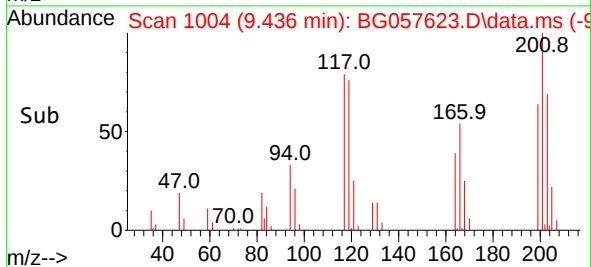
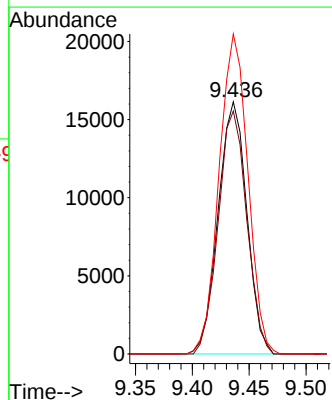
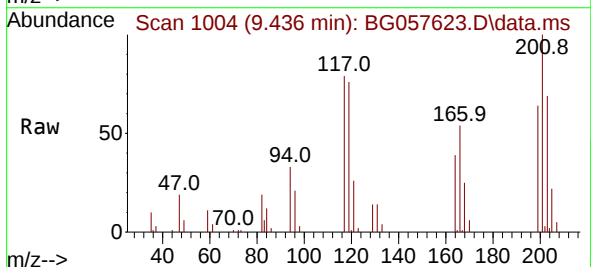
Instrument :
BNA_G
ClientSampleId :
SB16MSD

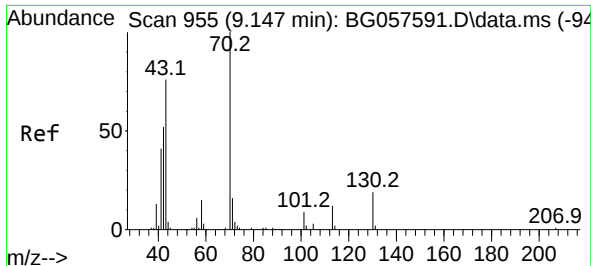
Tgt Ion:	107	Resp:	67265
Ion	Ratio	Lower	Upper
107	100		
108	109.0	87.7	131.5
77	52.9	43.0	64.6
79	51.9	41.0	61.4



#18
Hexachloroethane
Concen: 56.910 ng
RT: 9.436 min Scan# 1004
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:	117	Resp:	28295
Ion	Ratio	Lower	Upper
117	100		
119	96.4	80.6	121.0
201	126.9	108.8	163.2

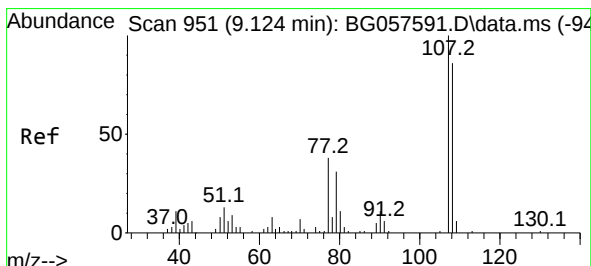
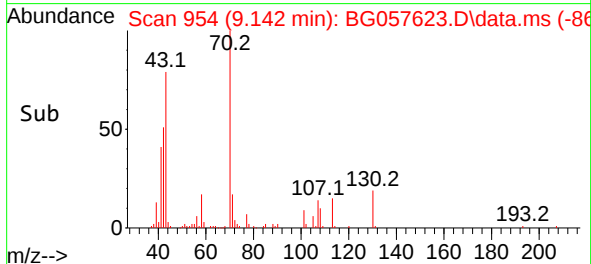
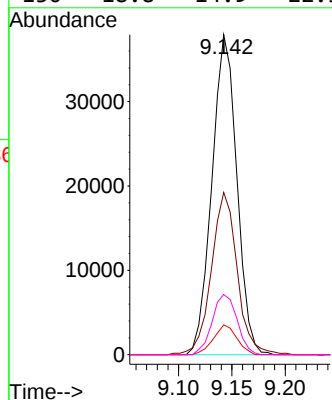
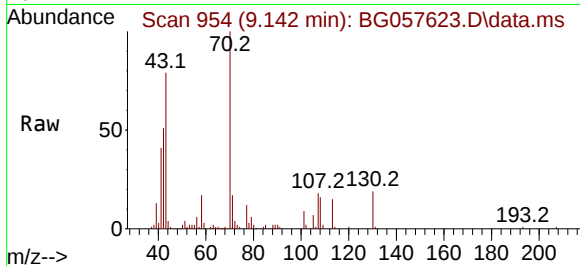




#19
n-Nitroso-di-n-propylamine
Concen: 45.312 ng
RT: 9.142 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

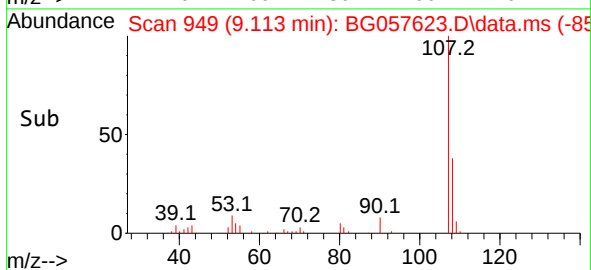
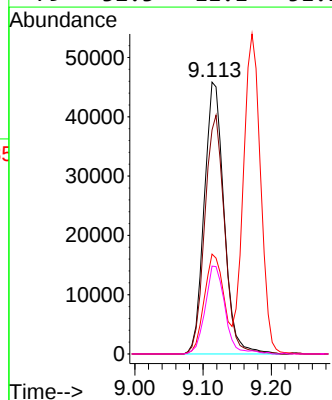
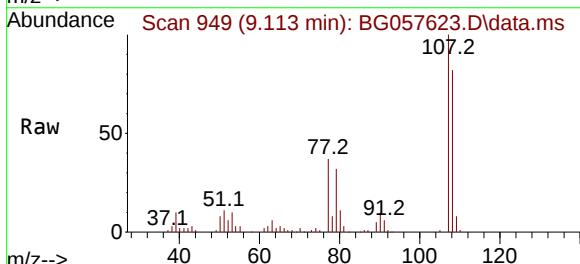
Instrument :
BNA_G
ClientSampleId :
SB16MSD

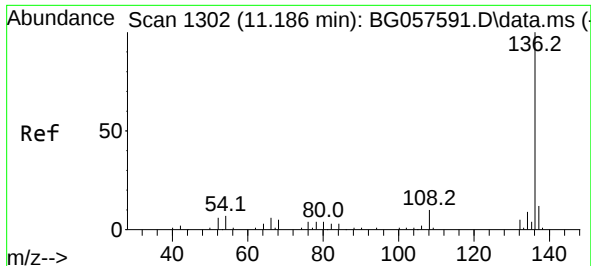
Tgt Ion:	70	Resp:	61476
Ion	Ratio	Lower	Upper
70	100		
42	50.7	41.4	62.0
101	9.3	6.9	10.3
130	18.8	14.9	22.3



#20
3+4-Methylphenols
Concen: 48.588 ng
RT: 9.113 min Scan# 949
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:	107	Resp:	92581
Ion	Ratio	Lower	Upper
107	100		
108	82.4	65.6	105.6
77	36.7	18.0	58.0
79	32.3	11.1	51.1

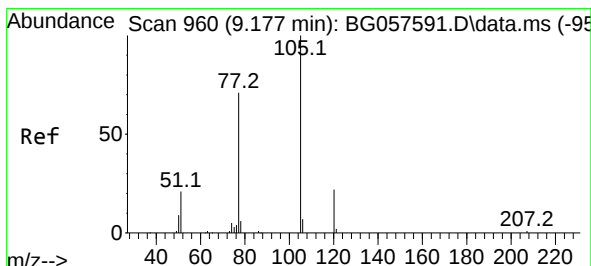
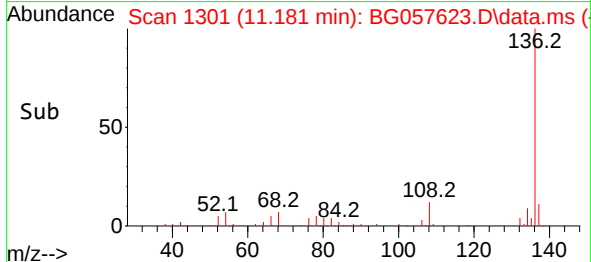
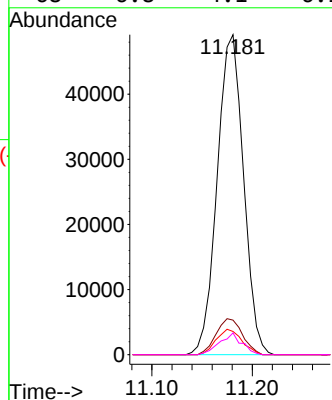
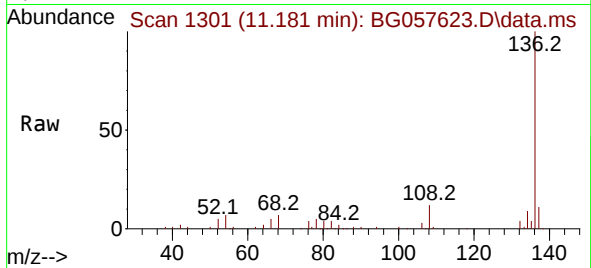




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.181 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

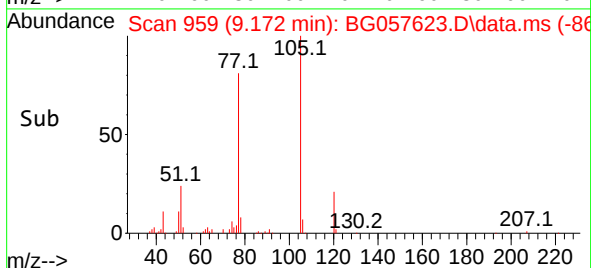
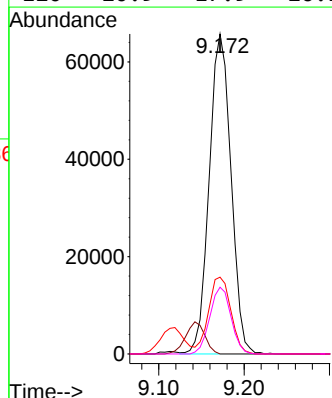
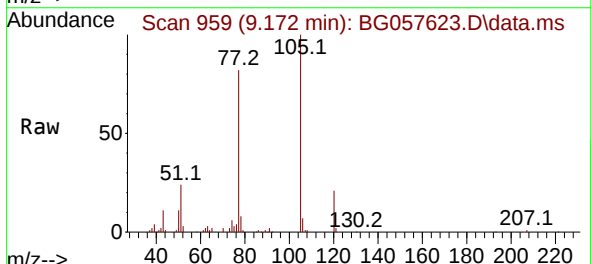
Instrument :
BNA_G
ClientSampleId :
SB16MSD

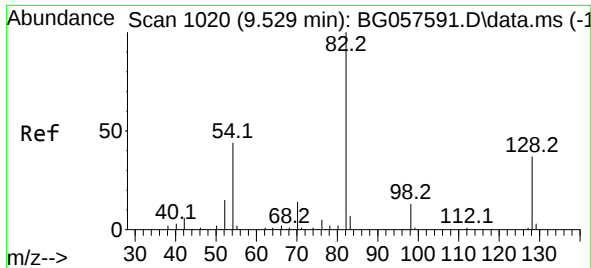
Tgt Ion:136 Resp: 89467
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.8
54 7.2 5.8 8.6
68 6.8 4.1 6.1#



#22
Acetophenone
Concen: 48.773 ng
RT: 9.172 min Scan# 959
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:105 Resp: 116682
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 24.0 20.7 31.1
120 20.9 17.9 26.9

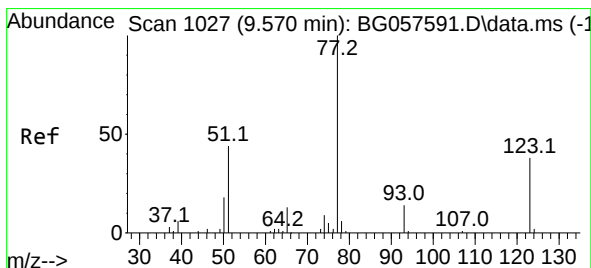
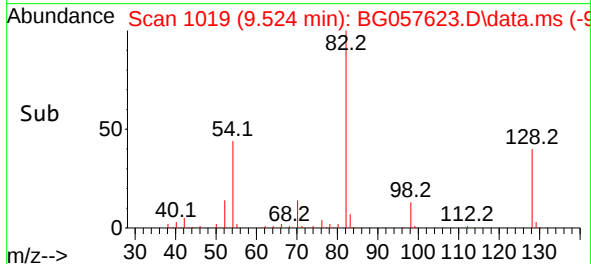
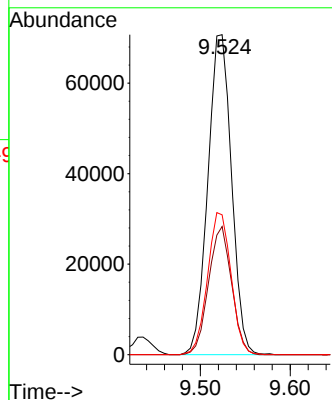
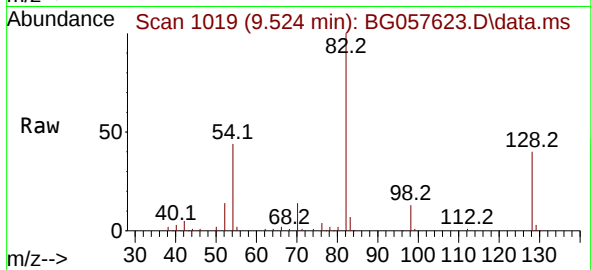




#23
Nitrobenzene-d5
Concen: 67.611 ng
RT: 9.524 min Scan# 1019
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

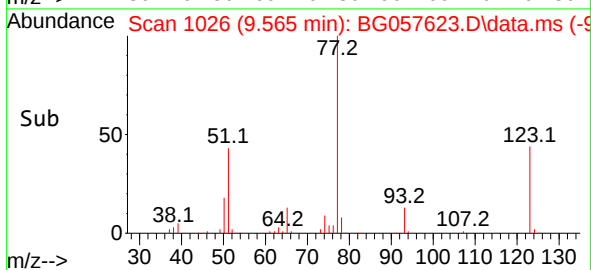
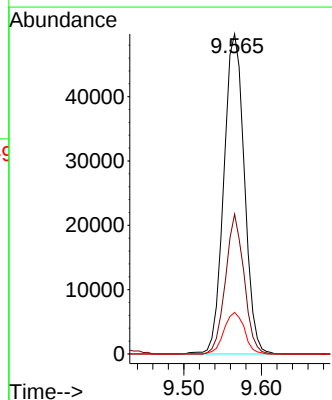
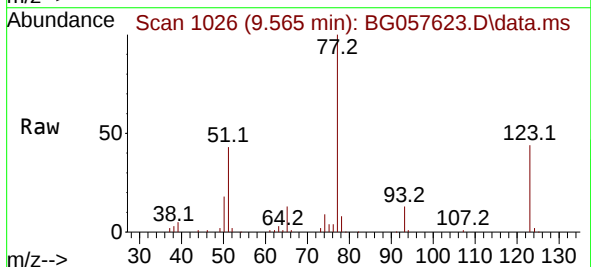
Instrument :
BNA_G
ClientSampleId :
SB16MSD

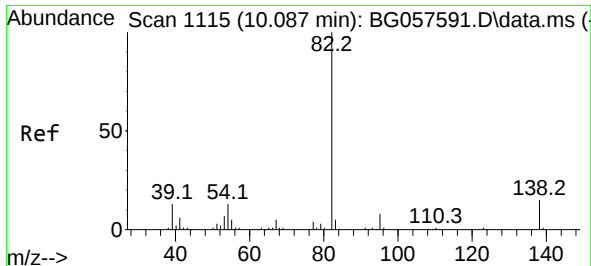
Tgt Ion: 82 Resp: 129401
Ion Ratio Lower Upper
82 100
128 40.0 30.0 45.0
54 43.7 35.2 52.8



#24
Nitrobenzene
Concen: 46.997 ng
RT: 9.565 min Scan# 1026
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion: 77 Resp: 91304
Ion Ratio Lower Upper
77 100
123 43.7 30.6 46.0
65 13.0 10.2 15.4

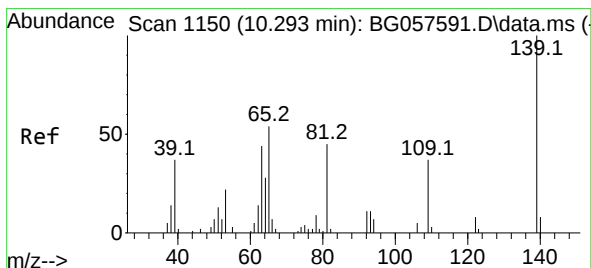
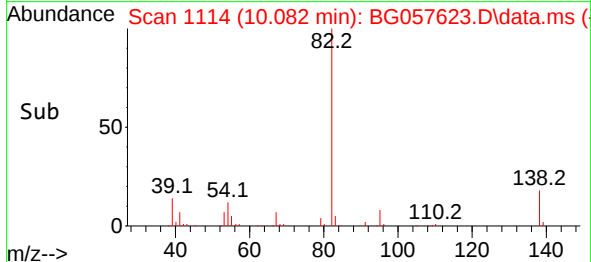
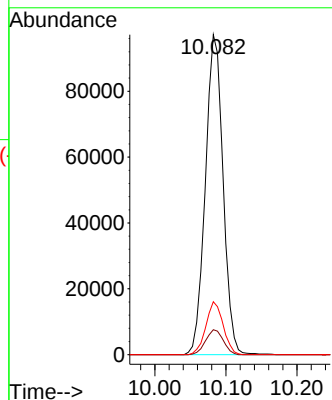
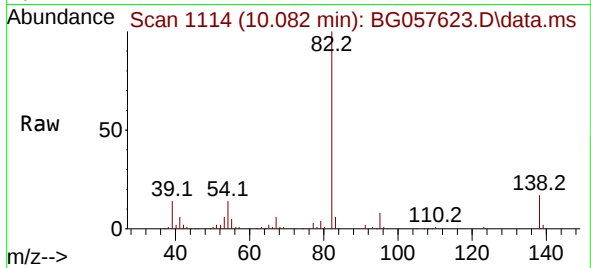




#25
Isophorone
Concen: 44.808 ng
RT: 10.082 min Scan# 1115
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

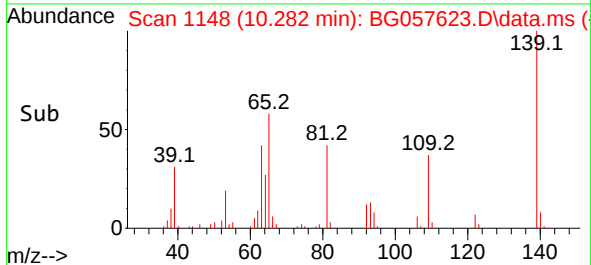
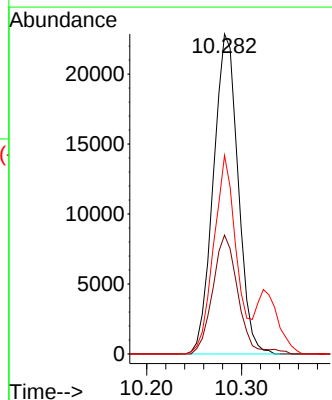
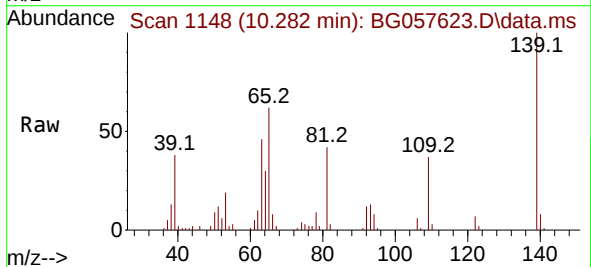
Instrument :
BNA_G
ClientSampleId :
SB16MSD

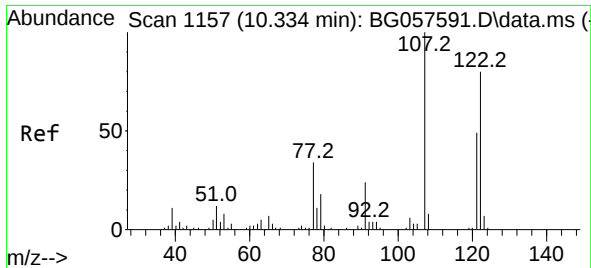
Tgt Ion: 82 Resp: 168562
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 16.6 12.0 18.0



#26
2-Nitrophenol
Concen: 49.684 ng
RT: 10.282 min Scan# 1148
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:139 Resp: 41386
Ion Ratio Lower Upper
139 100
109 37.1 29.5 44.3
65 62.0 43.0 64.6

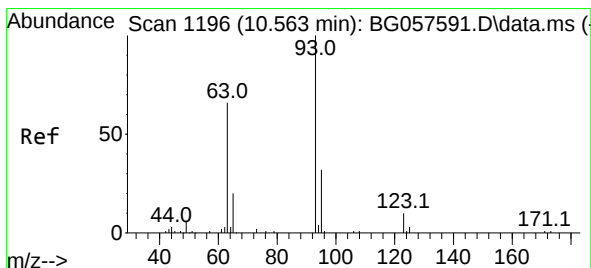
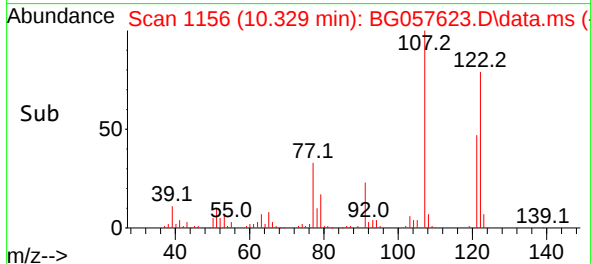
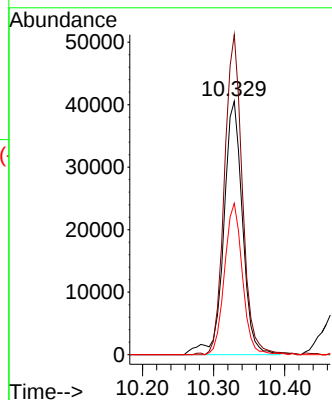
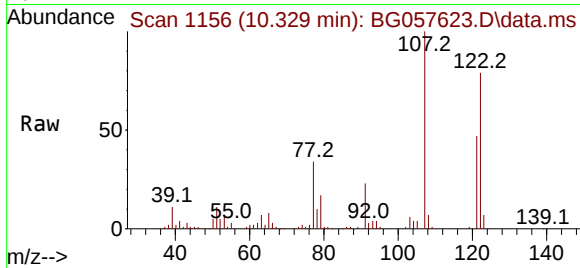




#27
2,4-Dimethylphenol
Concen: 51.384 ng
RT: 10.329 min Scan# 1156
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

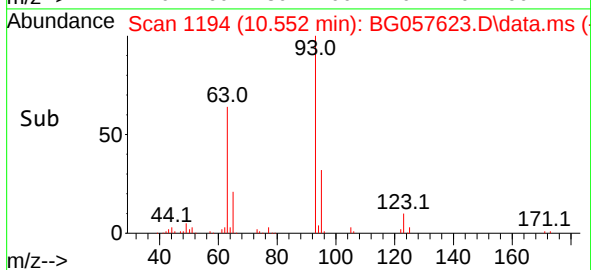
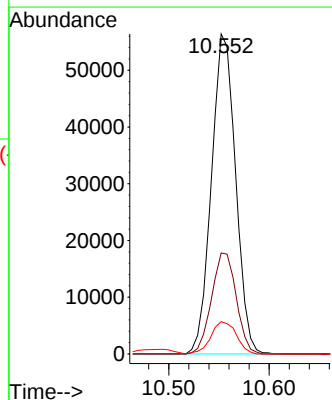
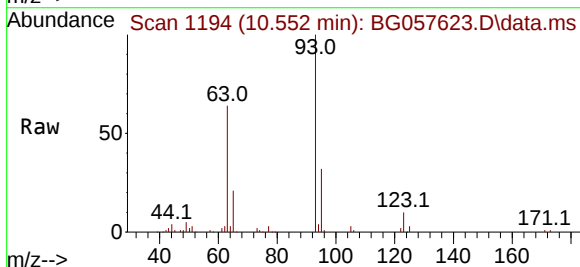
Instrument :
BNA_G
ClientSampleId :
SB16MSD

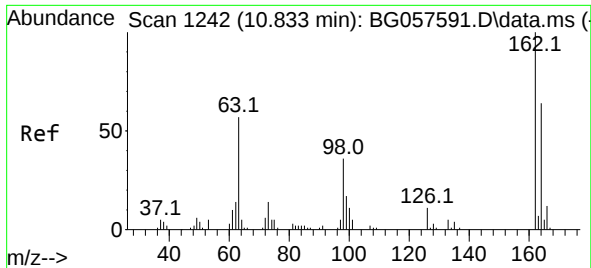
Tgt Ion:122 Resp: 74000
Ion Ratio Lower Upper
122 100
107 126.2 99.4 149.2
121 59.7 48.4 72.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.302 ng
RT: 10.552 min Scan# 1194
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion: 93 Resp: 94221
Ion Ratio Lower Upper
93 100
95 31.5 25.3 37.9
123 10.1 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 51.537 ng

RT: 10.828 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

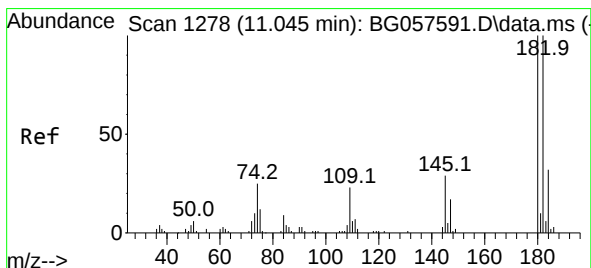
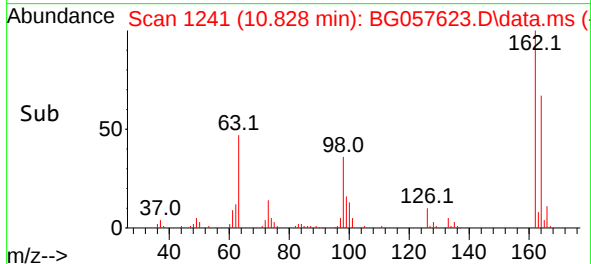
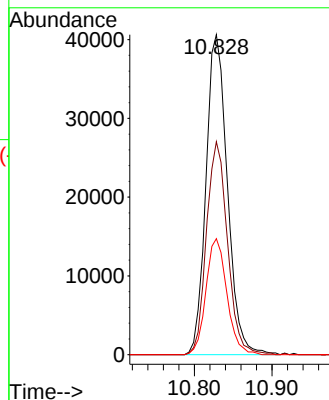
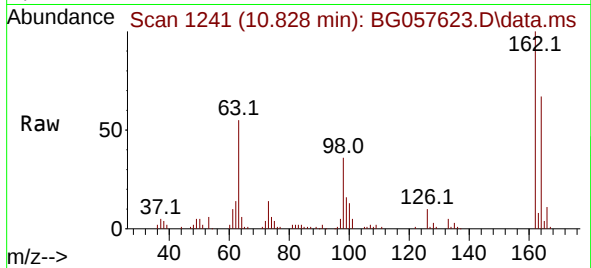
Tgt Ion:162 Resp: 77953

Ion Ratio Lower Upper

162 100

164 66.5 44.1 84.1

98 36.3 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 49.962 ng

RT: 11.034 min Scan# 1276

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

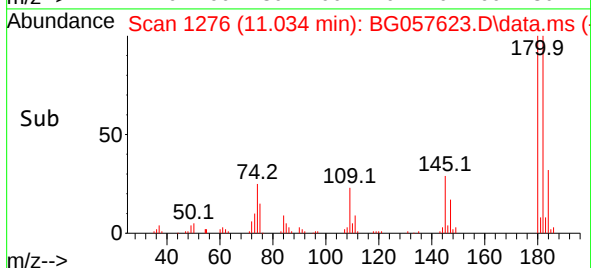
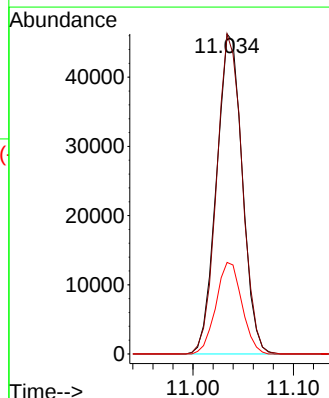
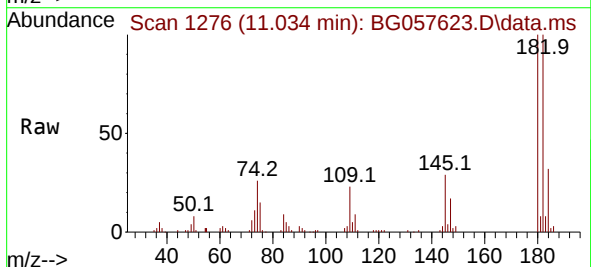
Tgt Ion:180 Resp: 82362

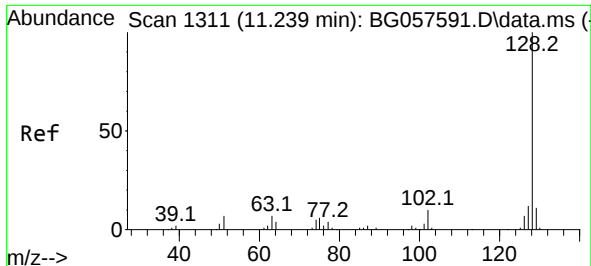
Ion Ratio Lower Upper

180 100

182 100.0 80.2 120.2

145 28.6 23.1 34.7

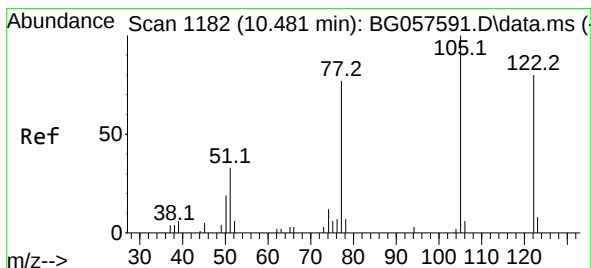
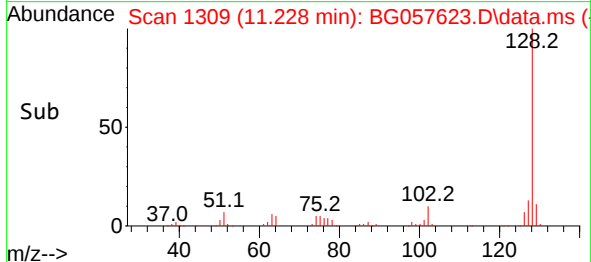
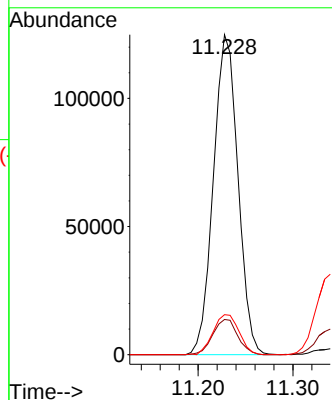
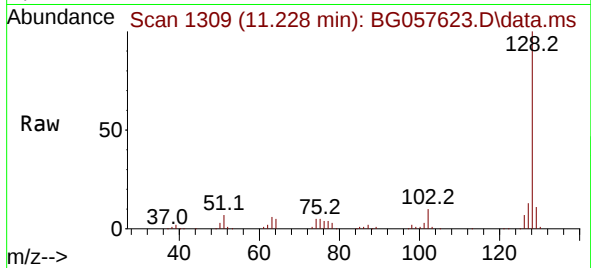




#31
Naphthalene
Concen: 47.450 ng
RT: 11.228 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

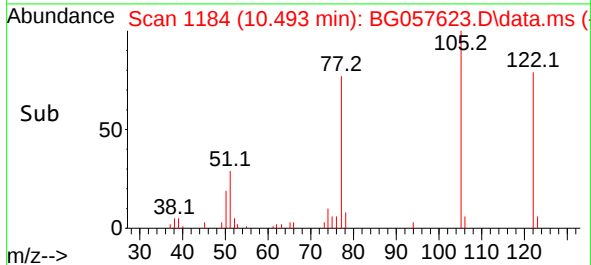
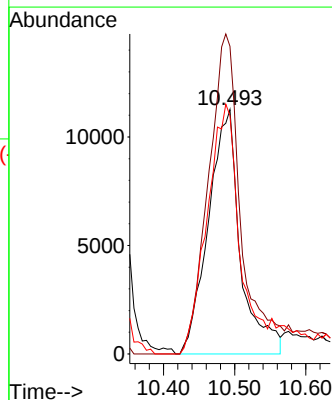
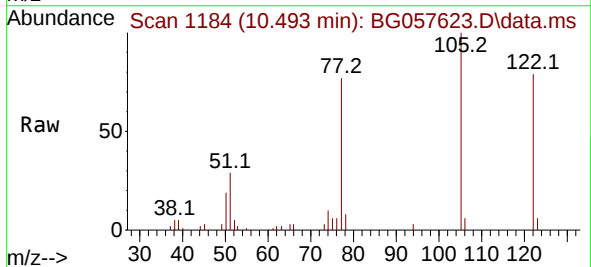
Instrument :
BNA_G
ClientSampleId :
SB16MSD

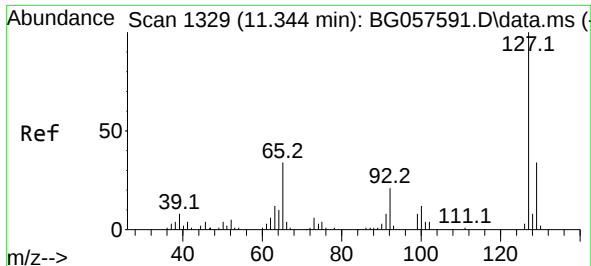
Tgt Ion:128 Resp: 224568
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.5 9.8 14.8



#32
Benzoic acid
Concen: 42.721 ng
RT: 10.493 min Scan# 1184
Delta R.T. 0.016 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:122 Resp: 35158
Ion Ratio Lower Upper
122 100
105 125.9 104.8 144.8
77 97.5 75.8 115.8

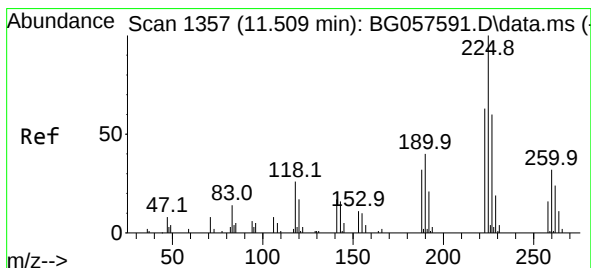
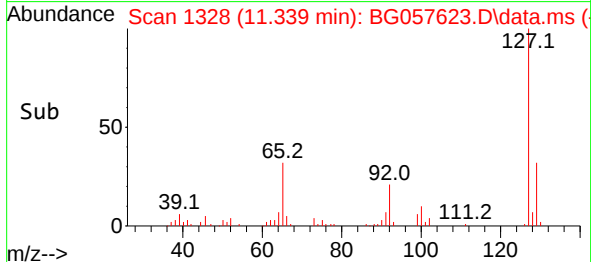
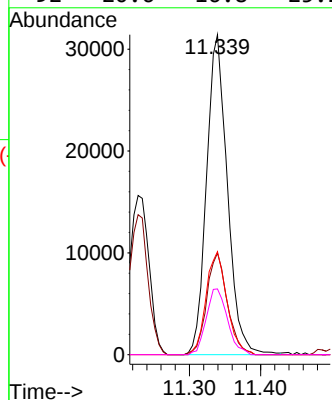
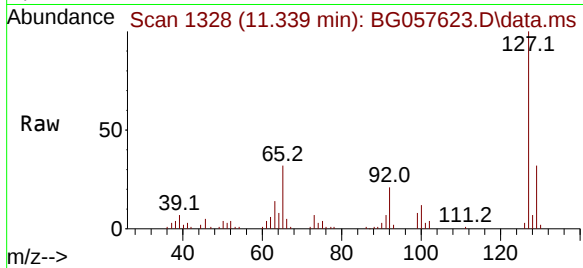




#33
4-Chloroaniline
Concen: 29.451 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

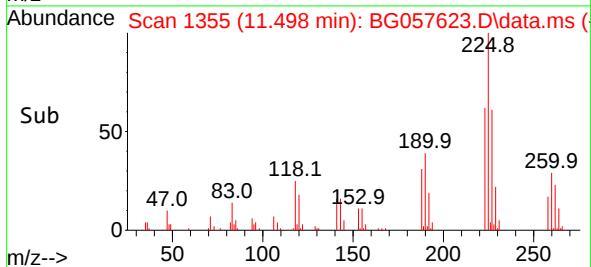
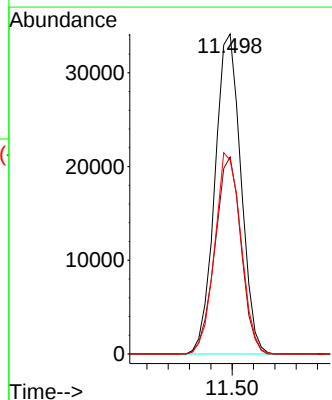
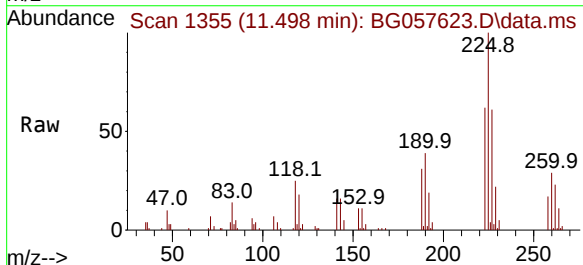
Instrument :
BNA_G
ClientSampleId :
SB16MSD

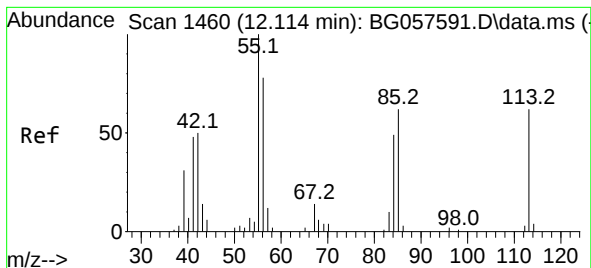
Tgt Ion:127	Resp:	64097
Ion	Ratio	Lower Upper
127	100	
129	31.8	26.9 40.3
65	32.2	27.3 40.9
92	20.6	16.8 25.2



#34
Hexachlorobutadiene
Concen: 50.613 ng
RT: 11.498 min Scan# 1355
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:225	Resp:	57709
Ion	Ratio	Lower Upper
225	100	
223	61.6	50.1 75.1
227	60.6	47.9 71.9





#35

Caprolactam

Concen: 25.544 ng

RT: 12.109 min Scan# 1459

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

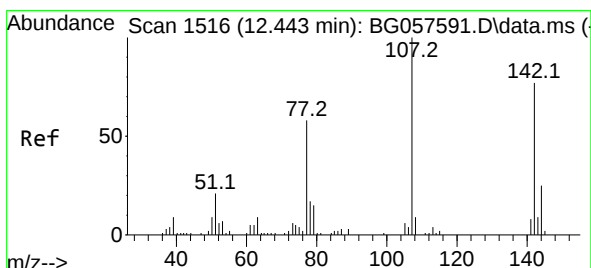
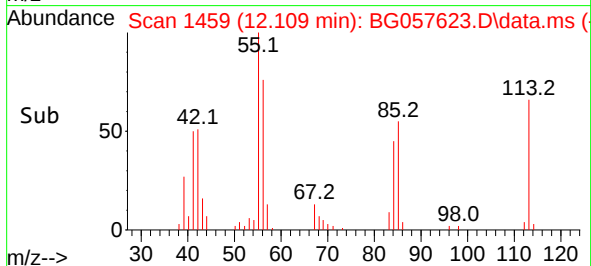
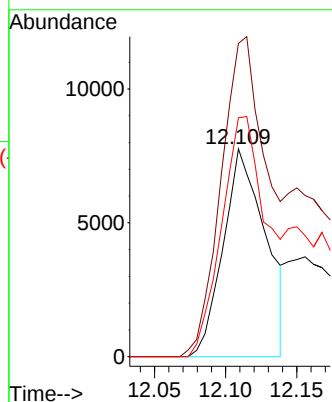
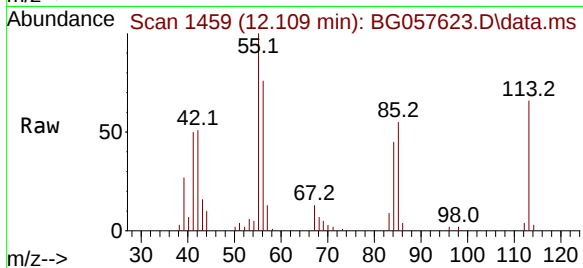
Tgt Ion:113 Resp: 16017

Ion Ratio Lower Upper

113 100

55 150.7 140.9 180.9

56 114.9 105.9 145.9



#36

4-Chloro-3-methylphenol

Concen: 47.344 ng

RT: 12.438 min Scan# 1515

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

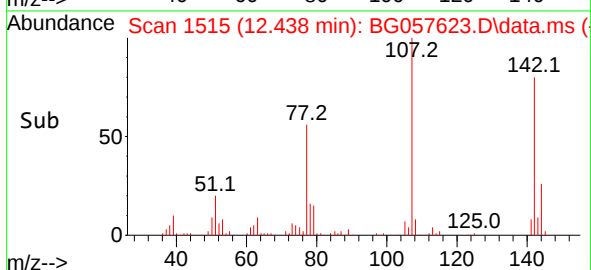
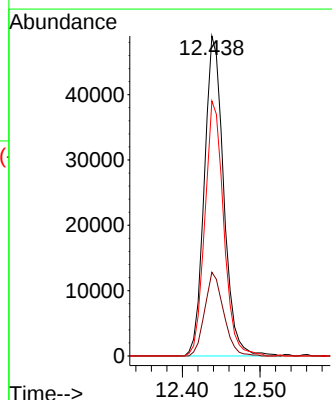
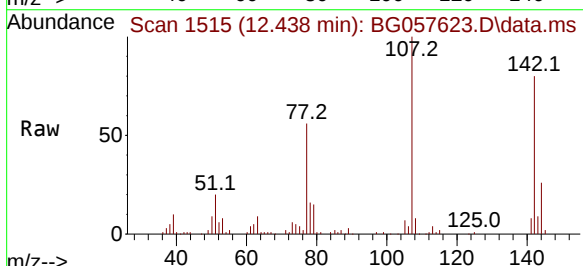
Tgt Ion:107 Resp: 84765

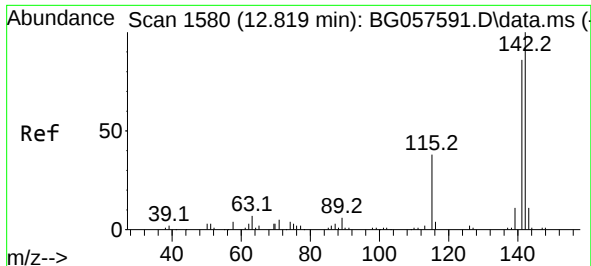
Ion Ratio Lower Upper

107 100

144 26.2 19.7 29.5

142 79.7 61.6 92.4





#37

2-Methylnaphthalene

Concen: 44.439 ng

RT: 12.808 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

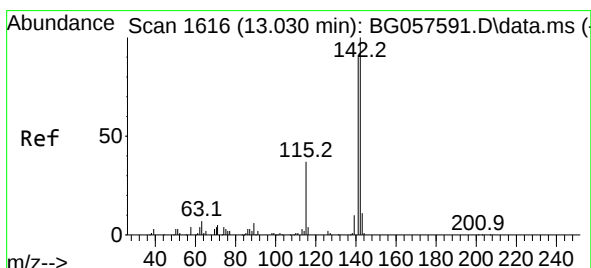
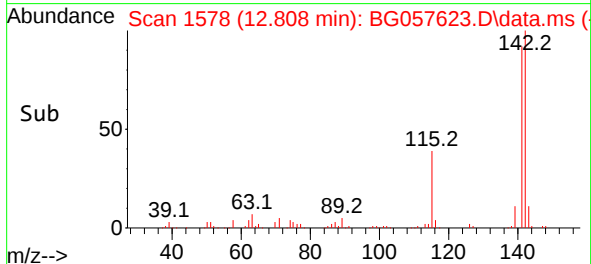
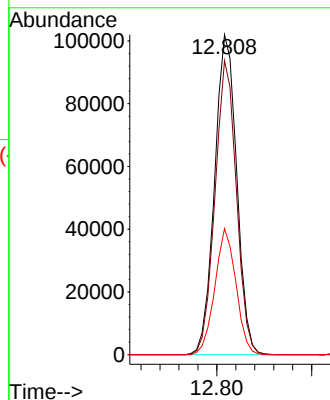
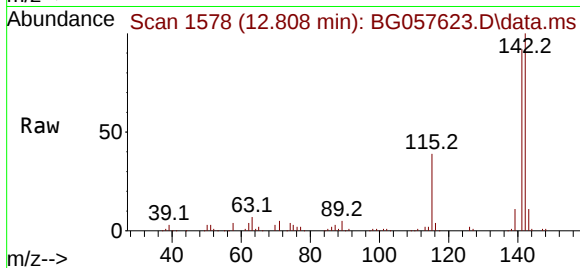
Tgt Ion:142 Resp: 165068

Ion Ratio Lower Upper

142 100

141 91.9 68.6 103.0

115 39.4 30.4 45.6



#38

1-Methylnaphthalene

Concen: 43.429 ng

RT: 13.025 min Scan# 1615

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

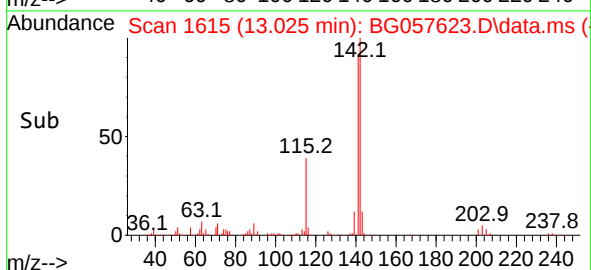
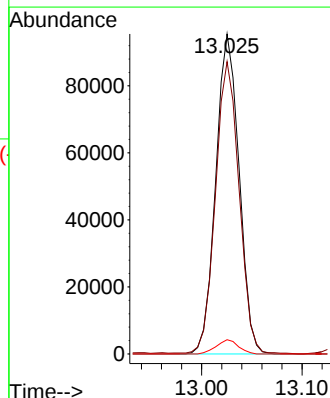
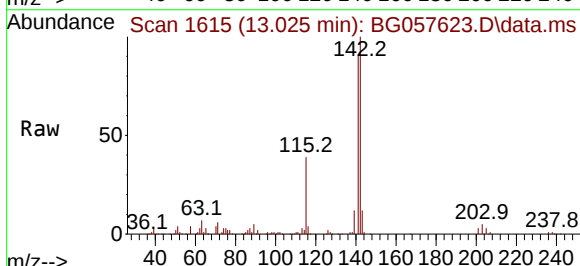
Tgt Ion:142 Resp: 153941

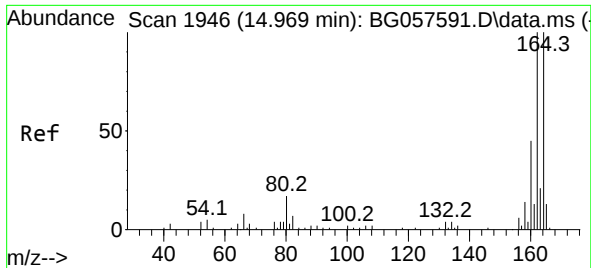
Ion Ratio Lower Upper

142 100

141 91.4 72.1 108.1

116 4.5 3.4 5.2

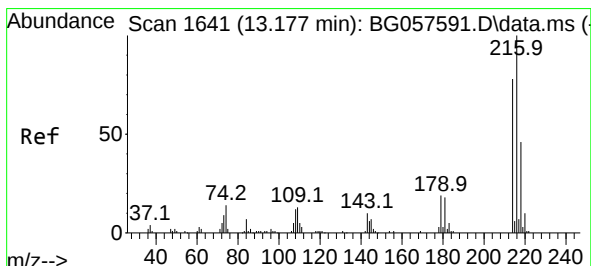
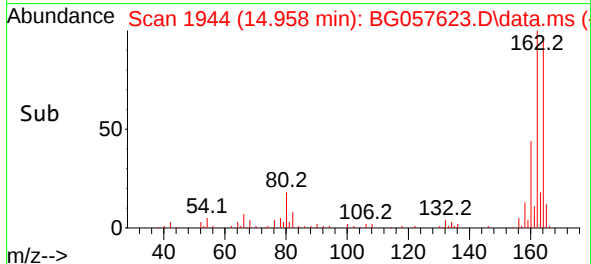
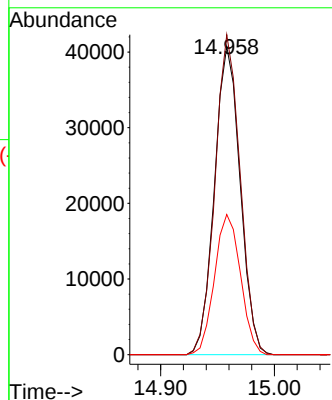
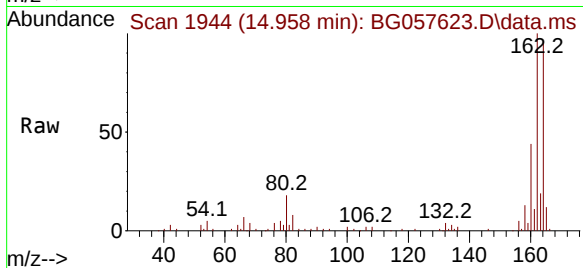




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.958 min Scan# 1944
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

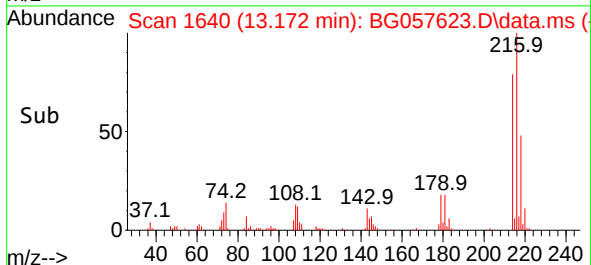
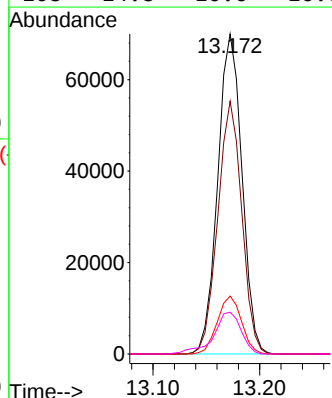
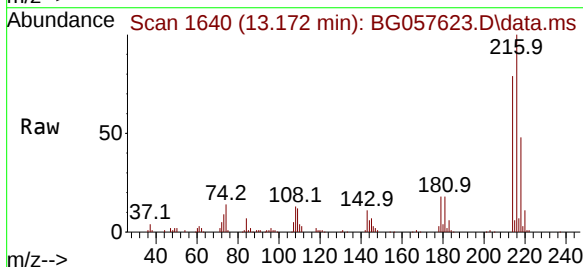
Instrument :
BNA_G
ClientSampleId :
SB16MSD

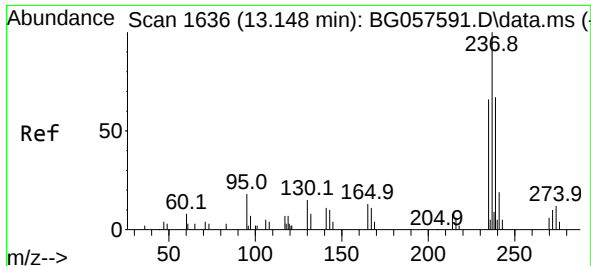
Tgt Ion:164 Resp: 63950
Ion Ratio Lower Upper
164 100
162 103.8 80.1 120.1
160 45.5 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.539 ng
RT: 13.172 min Scan# 1640
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:216 Resp: 110281
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.6
179 18.0 15.0 22.6
108 14.8 10.6 16.0

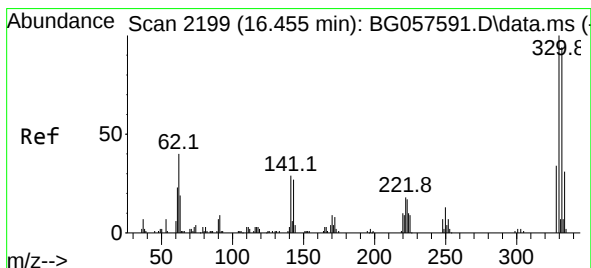
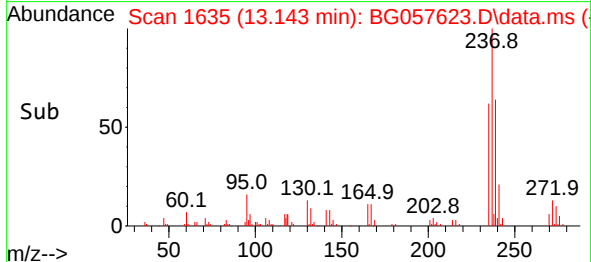
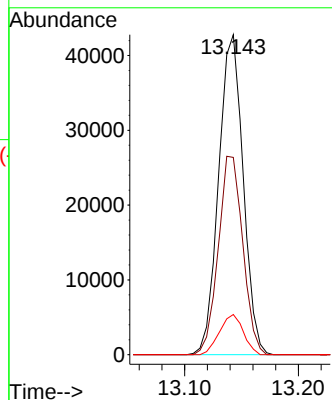
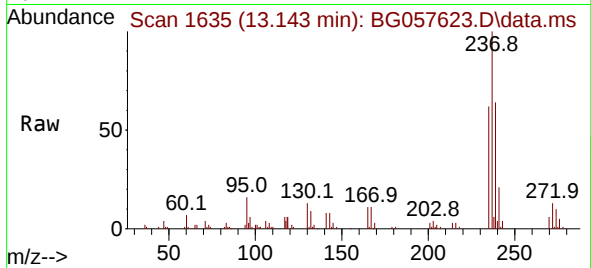




#41
Hexachlorocyclopentadiene
Concen: 102.262 ng
RT: 13.143 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

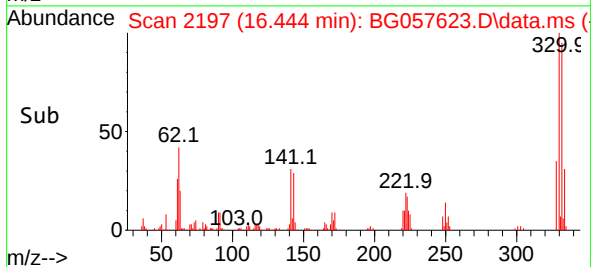
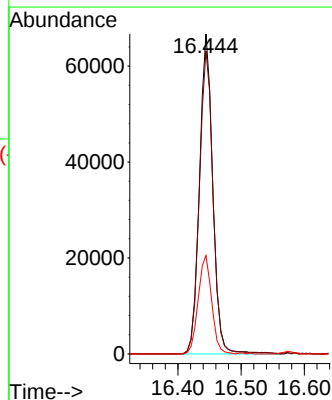
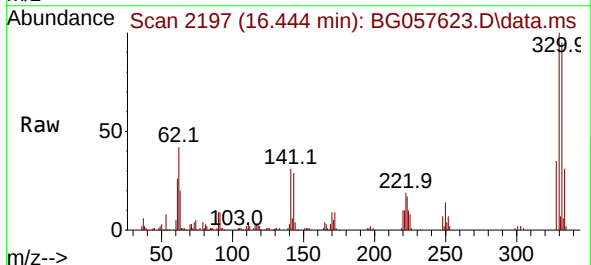
Instrument :
BNA_G
ClientSampleId :
SB16MSD

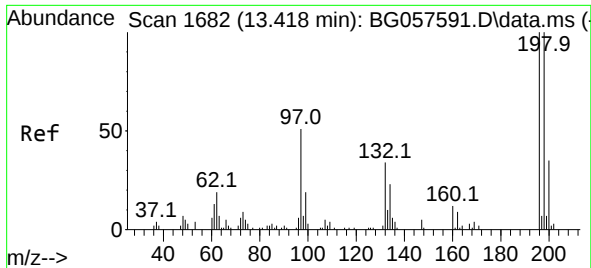
Tgt Ion:237 Resp: 63998
Ion Ratio Lower Upper
237 100
235 61.6 45.7 85.7
272 12.5 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 95.258 ng
RT: 16.444 min Scan# 2197
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:330 Resp: 97531
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 31.1 24.6 37.0

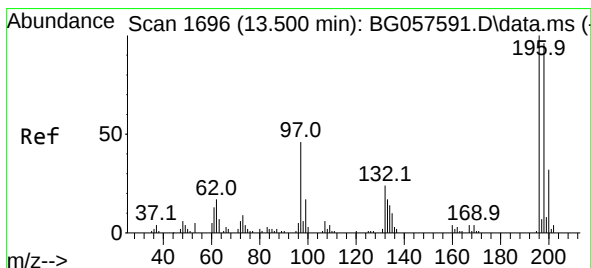
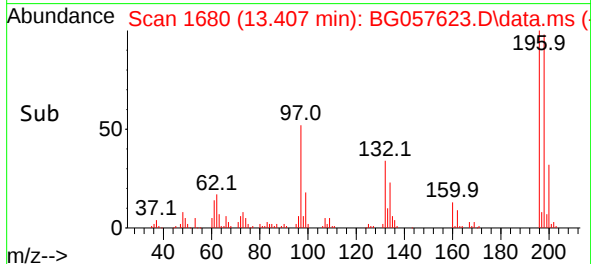
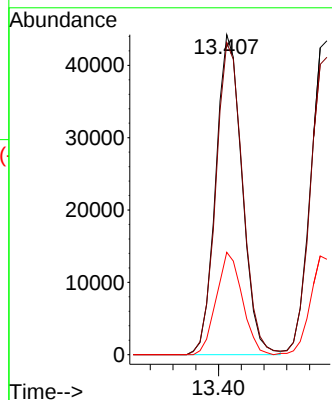
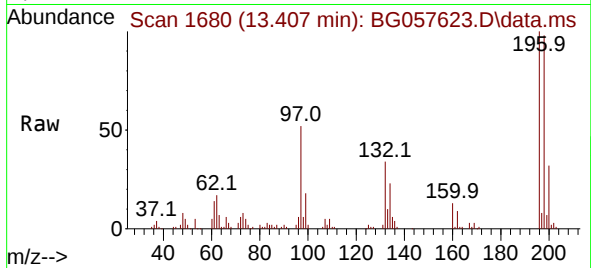




#43
2,4,6-Trichlorophenol
Concen: 53.799 ng
RT: 13.407 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

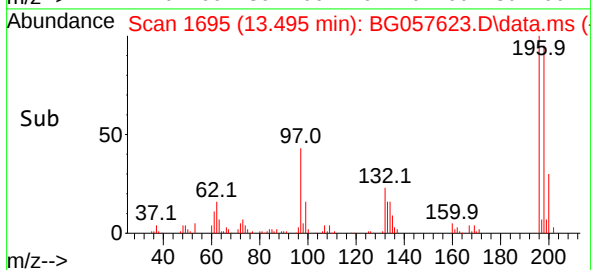
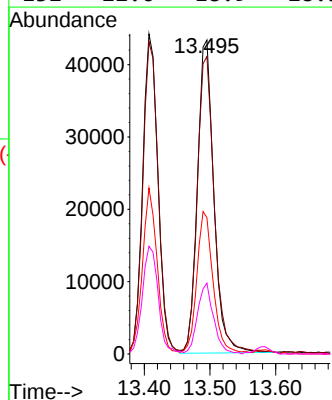
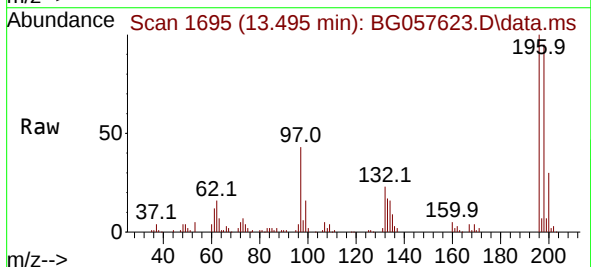
Instrument :
BNA_G
ClientSampleId :
SB16MSD

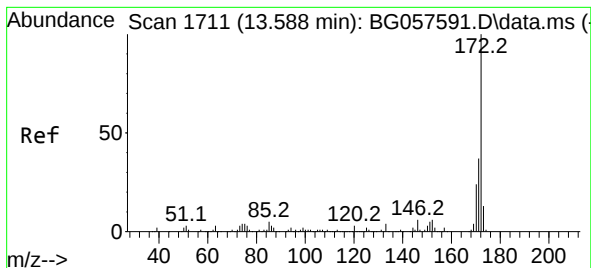
Tgt Ion:196 Resp: 71093
Ion Ratio Lower Upper
196 100
198 97.6 79.6 119.4
200 32.0 28.2 42.2



#44
2,4,5-Trichlorophenol
Concen: 48.144 ng
RT: 13.495 min Scan# 1695
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:196 Resp: 75773
Ion Ratio Lower Upper
196 100
198 94.7 76.9 115.3
97 43.4 36.6 55.0
132 22.6 18.9 28.3





#45

2-Fluorobiphenyl

Concen: 68.109 ng

RT: 13.583 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

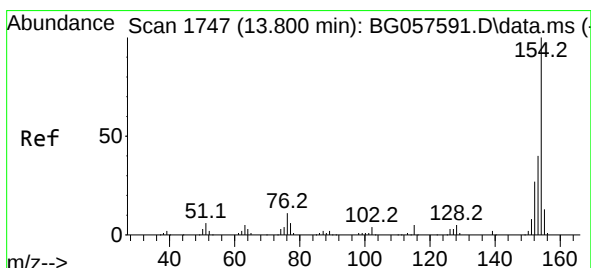
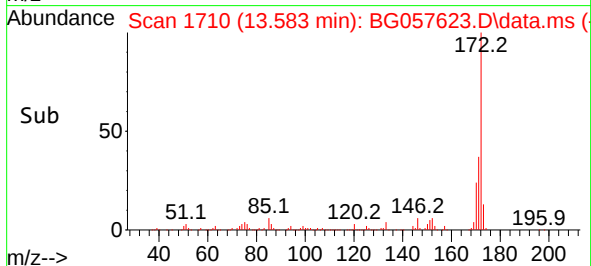
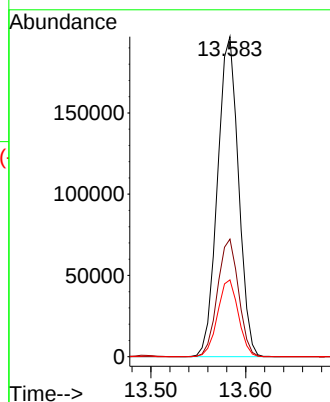
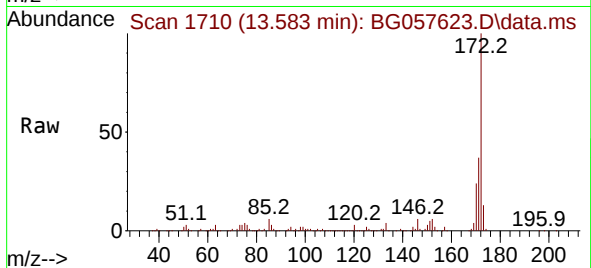
Tgt Ion:172 Resp: 303076

Ion Ratio Lower Upper

172 100

171 36.8 29.2 43.8

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 50.964 ng

RT: 13.795 min Scan# 1746

Delta R.T. 0.004 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

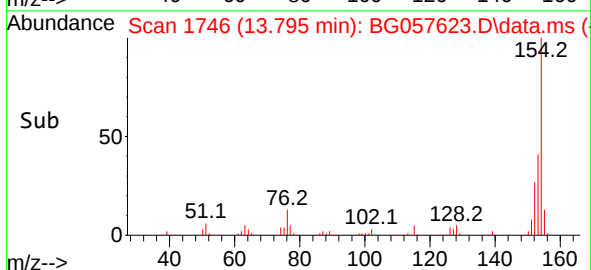
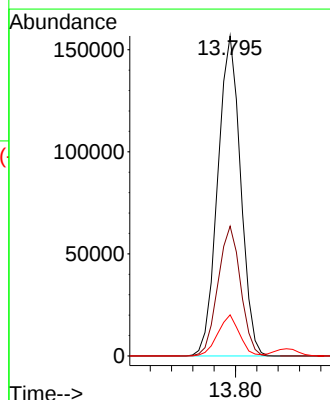
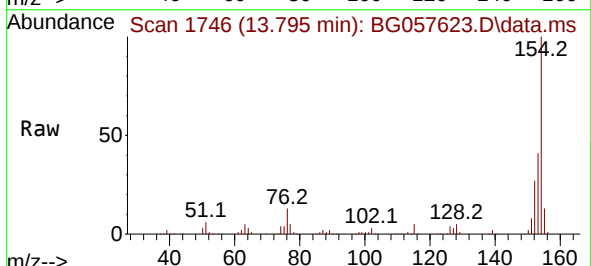
Tgt Ion:154 Resp: 232937

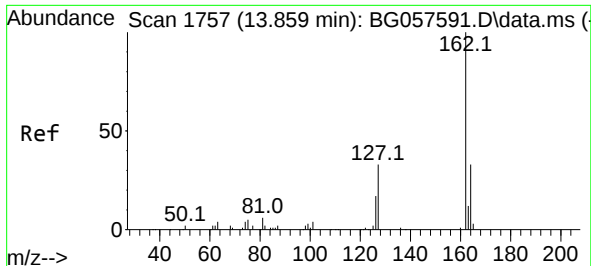
Ion Ratio Lower Upper

154 100

153 40.6 19.6 59.6

76 12.9 0.0 30.9

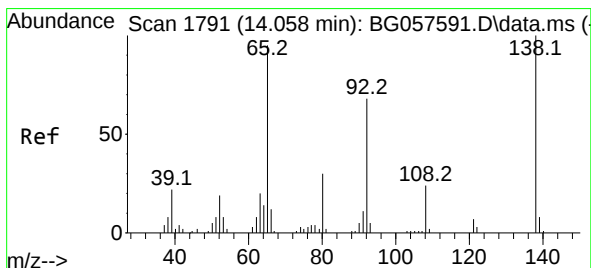
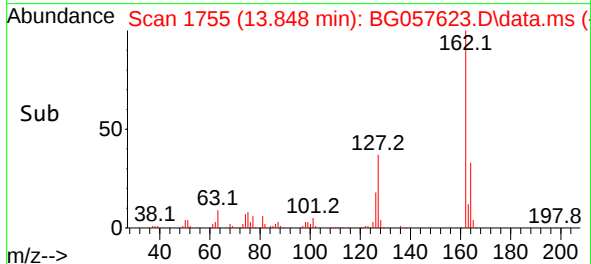
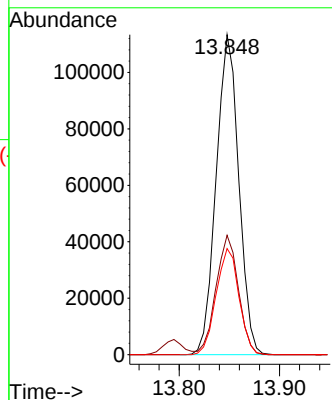
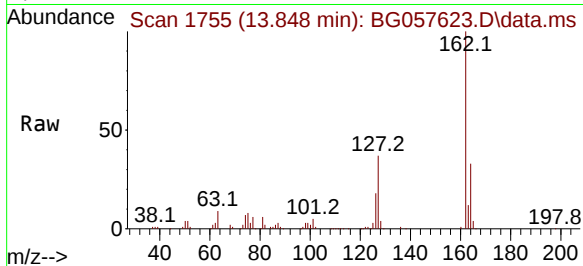




#47
2-Chloronaphthalene
Concen: 51.337 ng
RT: 13.848 min Scan# 1755
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

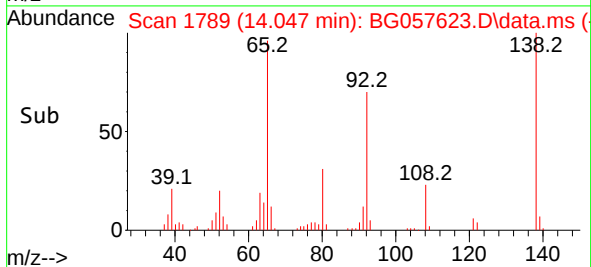
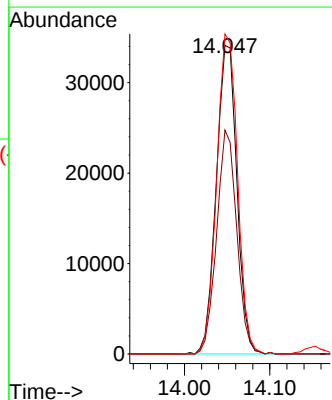
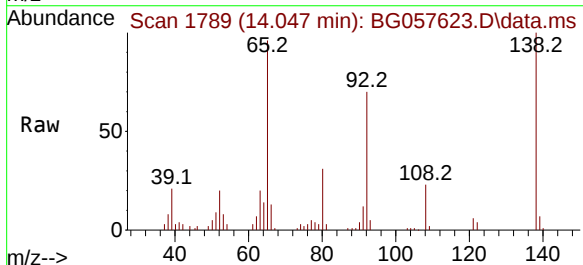
Instrument :
BNA_G
ClientSampleId :
SB16MSD

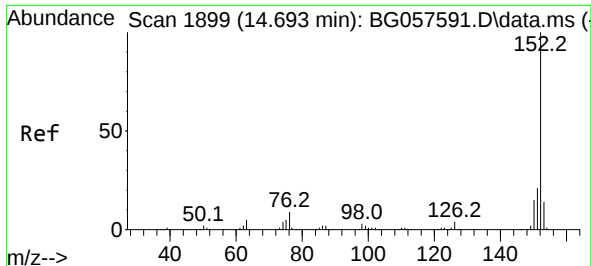
Tgt Ion:162 Resp: 176735
Ion Ratio Lower Upper
162 100
127 37.3 28.2 42.2
164 33.2 26.1 39.1



#48
2-Nitroaniline
Concen: 47.657 ng
RT: 14.047 min Scan# 1789
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion: 65 Resp: 57470
Ion Ratio Lower Upper
65 100
92 72.6 57.3 85.9
138 103.7 84.6 127.0





#49

Acenaphthylene

Concen: 48.212 ng

RT: 14.688 min Scan# 1898

Delta R.T. -0.002 min

Lab File: BG057623.D

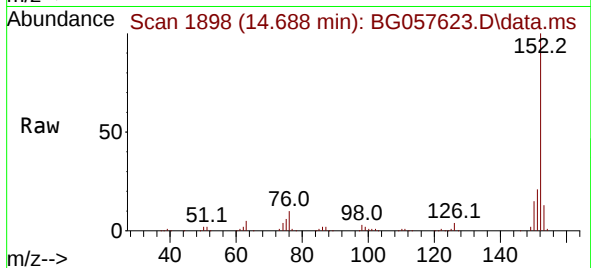
Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD



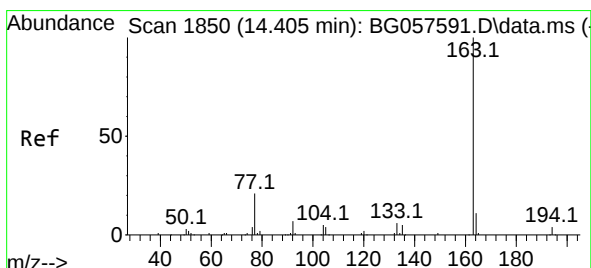
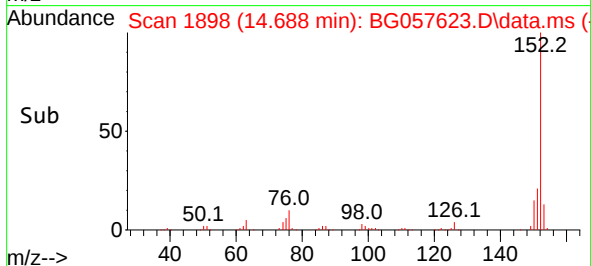
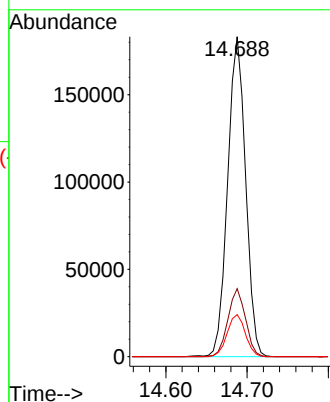
Tgt Ion:152 Resp: 281063

Ion Ratio Lower Upper

152 100

151 21.2 16.5 24.7

153 13.2 11.0 16.4



#50

Dimethylphthalate

Concen: 44.816 ng

RT: 14.394 min Scan# 1848

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

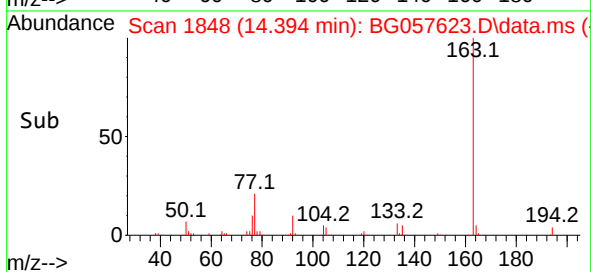
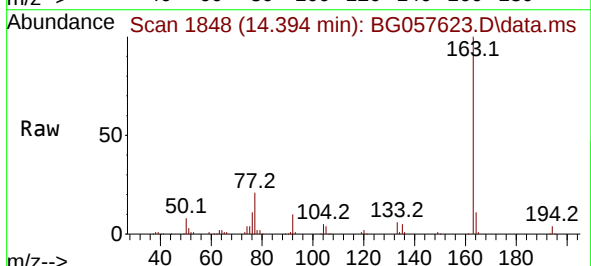
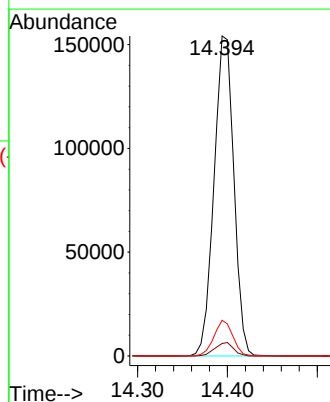
Tgt Ion:163 Resp: 236212

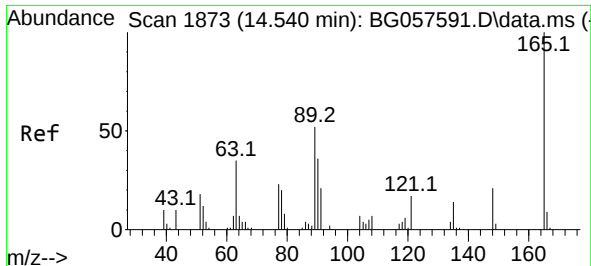
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 11.1 8.5 12.7

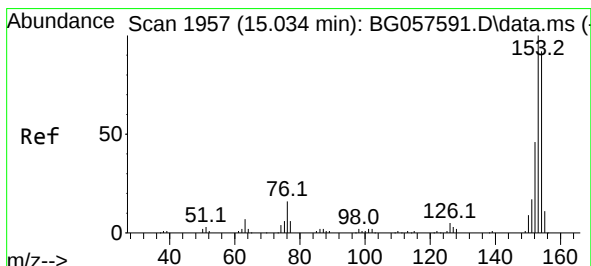
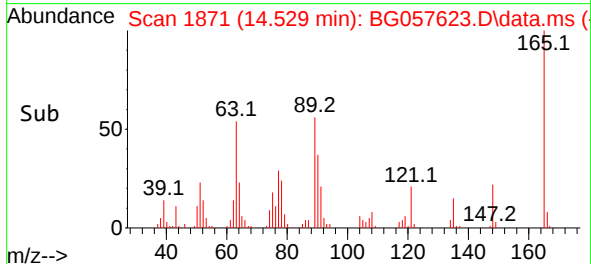
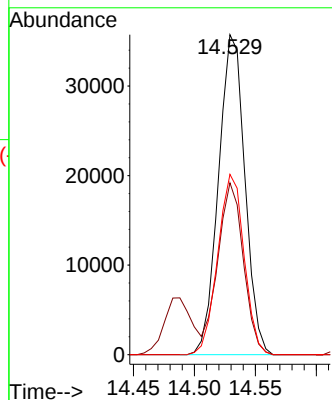
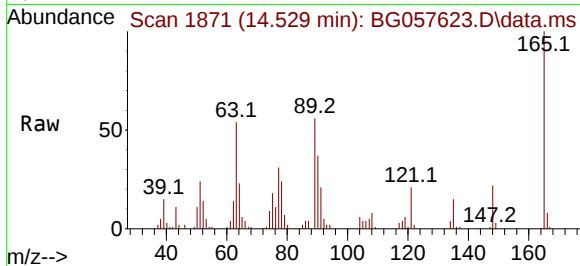




#51
2,6-Dinitrotoluene
Concen: 47.740 ng
RT: 14.529 min Scan# 1871
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

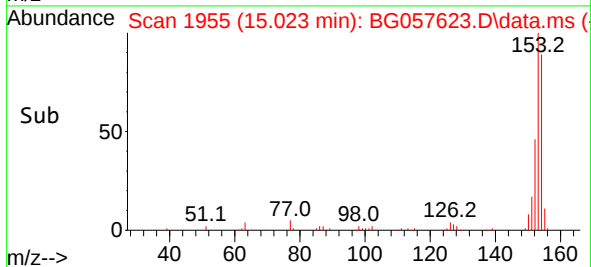
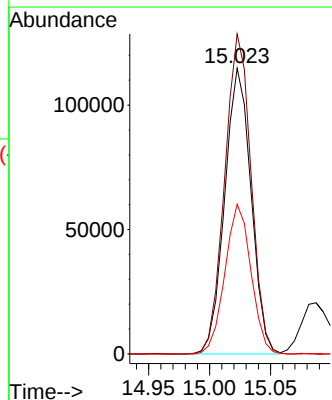
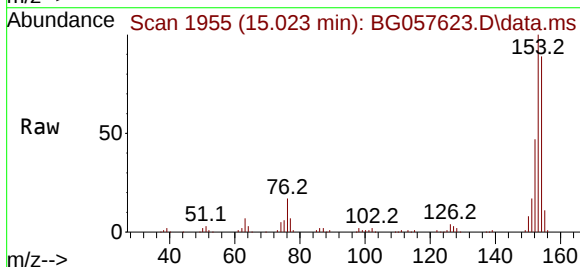
Instrument :
BNA_G
ClientSampleId :
SB16MSD

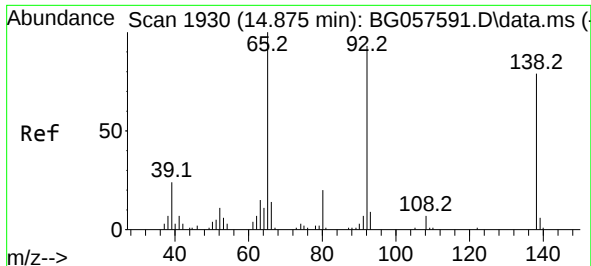
Tgt Ion:165 Resp: 53863
Ion Ratio Lower Upper
165 100
63 53.7 39.3 58.9
89 56.3 41.5 62.3



#52
Acenaphthene
Concen: 48.493 ng
RT: 15.023 min Scan# 1955
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

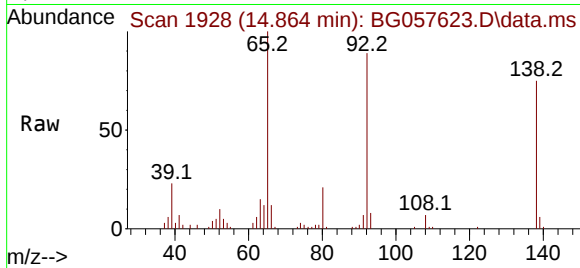
Tgt Ion:154 Resp: 172984
Ion Ratio Lower Upper
154 100
153 112.0 87.4 131.0
152 52.4 40.2 60.4



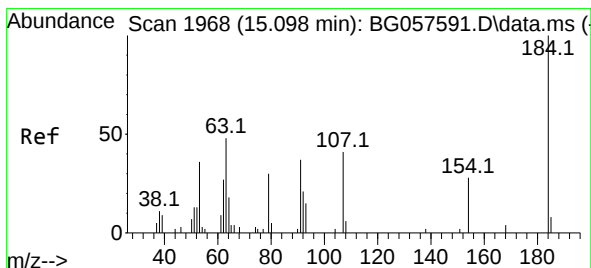
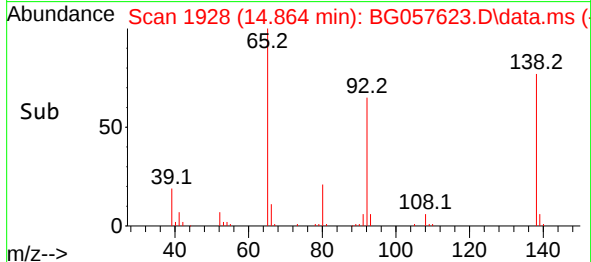
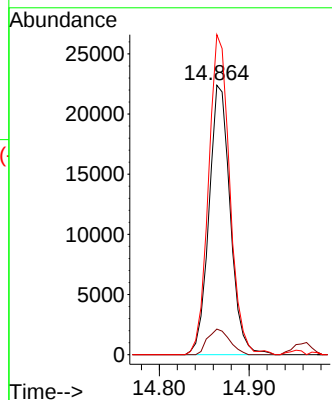


#53
3-Nitroaniline
Concen: 31.249 ng
RT: 14.864 min Scan# 1930
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :
BNA_G
ClientSampleId :
SB16MSD

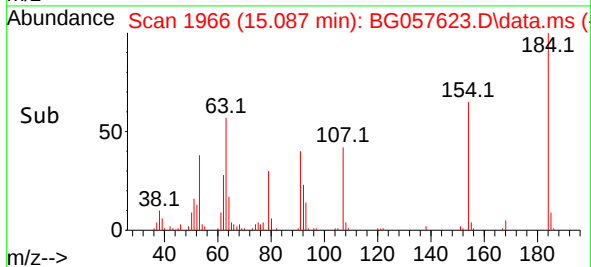
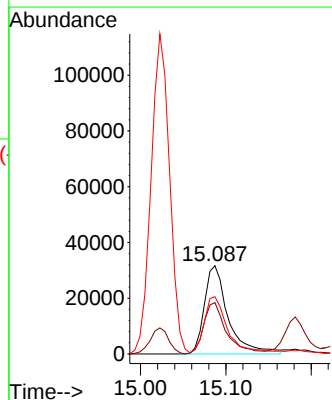
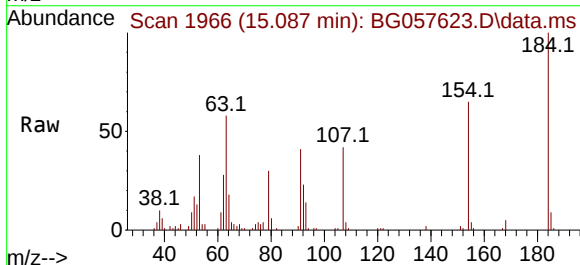


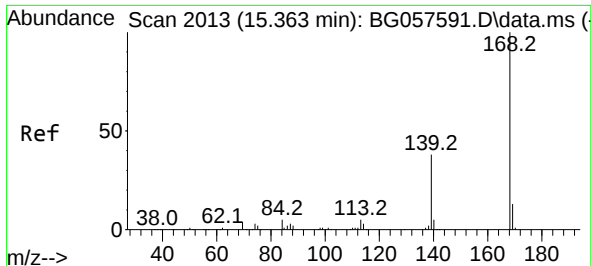
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.1	10.7
92	118.8	94.9	142.3



#54
2,4-Dinitrophenol
Concen: 89.199 ng
RT: 15.087 min Scan# 1966
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.1	41.4	62.2
154	64.8	52.5	78.7

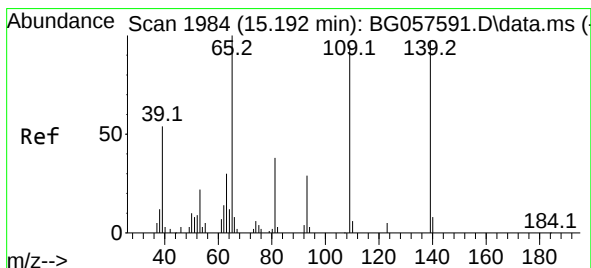
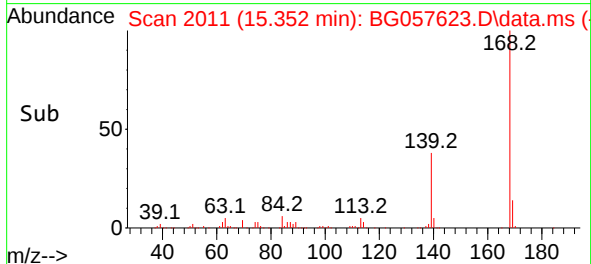
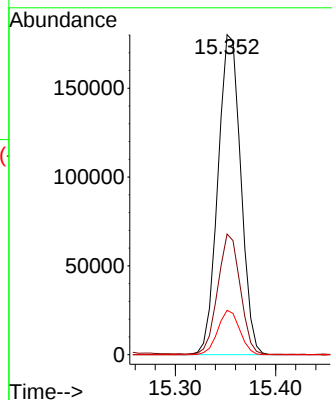
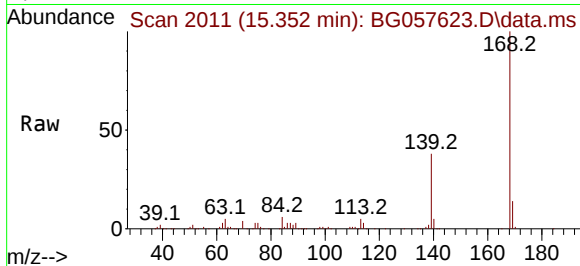




#55
Dibenzofuran
Concen: 46.658 ng
RT: 15.352 min Scan# 2013
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

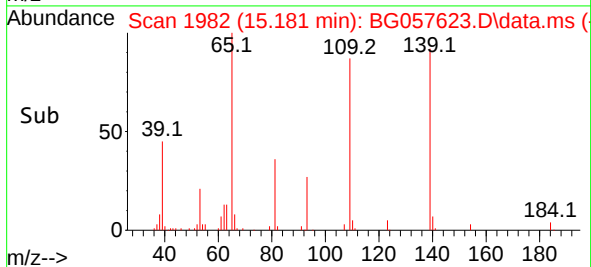
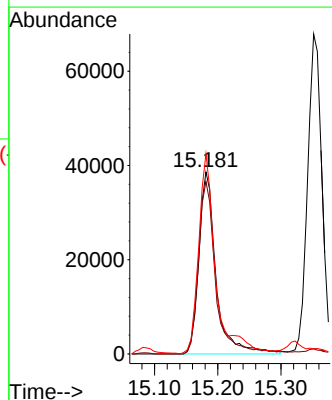
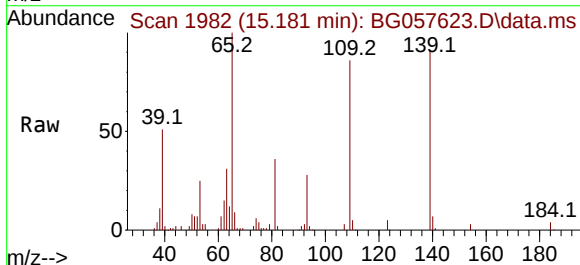
Instrument :
BNA_G
ClientSampleId :
SB16MSD

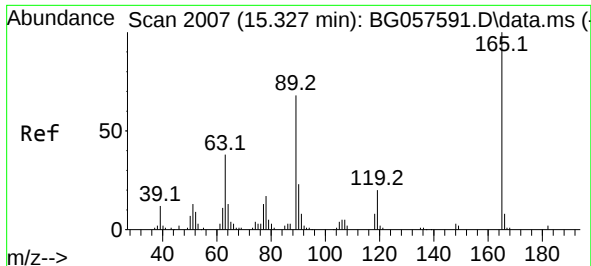
Tgt Ion:168 Resp: 284390
Ion Ratio Lower Upper
168 100
139 37.7 30.6 46.0
169 13.9 10.6 16.0



#56
4-Nitrophenol
Concen: 92.964 ng
RT: 15.181 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:139 Resp: 72891
Ion Ratio Lower Upper
139 100
109 94.8 78.2 118.2
65 110.0 83.2 123.2

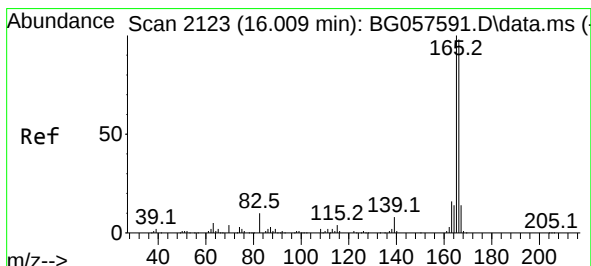
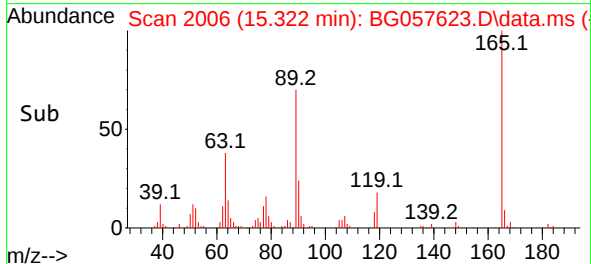
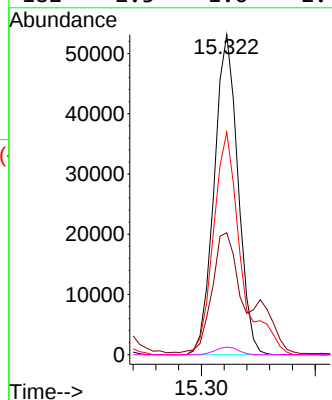
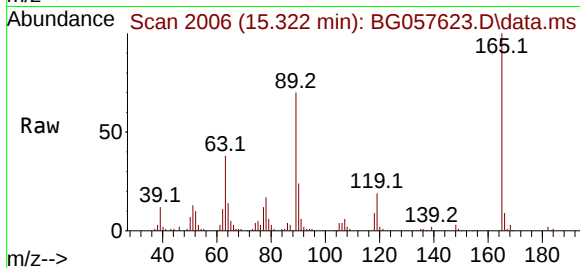




#57
2,4-Dinitrotoluene
Concen: 45.572 ng
RT: 15.322 min Scan# 2007
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

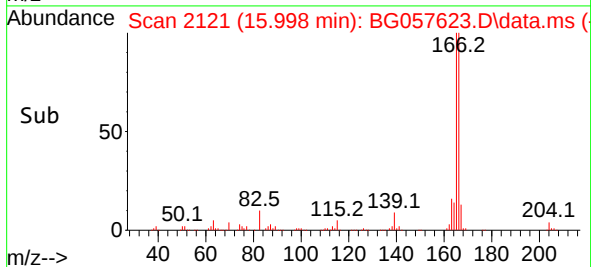
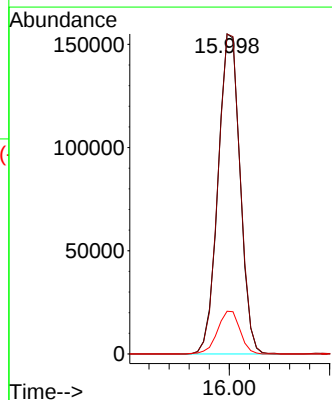
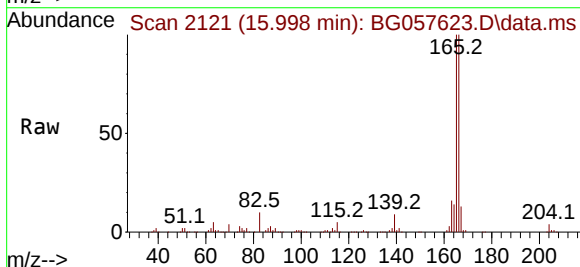
Instrument :
BNA_G
ClientSampleId :
SB16MSD

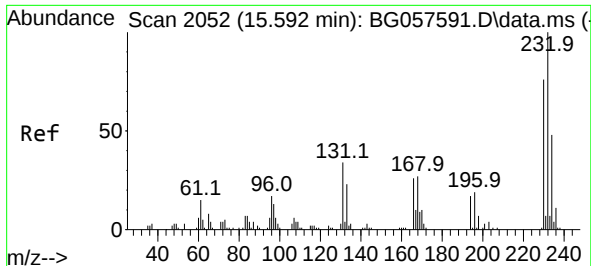
Tgt Ion:165 Resp: 76985
Ion Ratio Lower Upper
165 100
63 38.1 30.6 45.8
89 69.5 54.2 81.2
182 2.3 1.6 2.4



#58
Fluorene
Concen: 45.760 ng
RT: 15.998 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:166 Resp: 235499
Ion Ratio Lower Upper
166 100
165 100.0 81.2 121.8
167 13.3 11.1 16.7

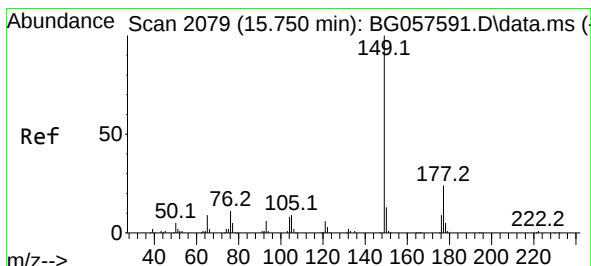
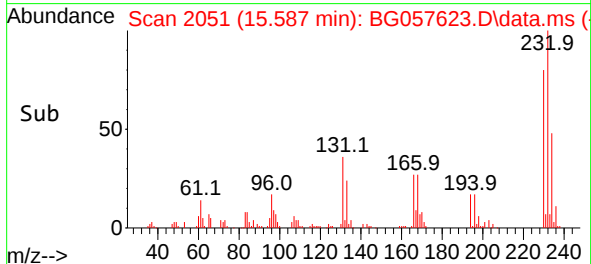
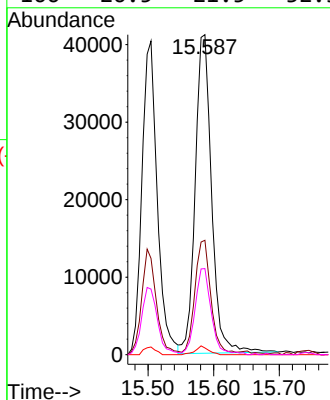
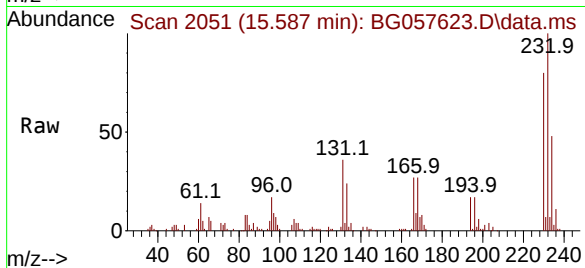




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.634 ng
RT: 15.587 min Scan# 2051
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

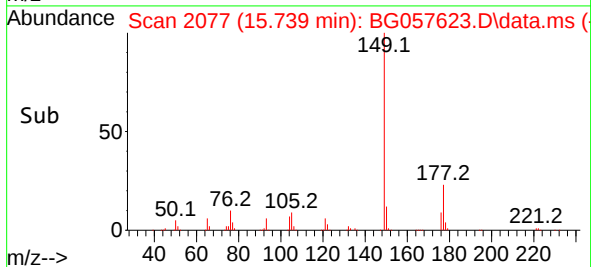
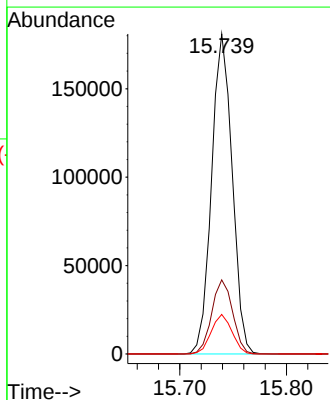
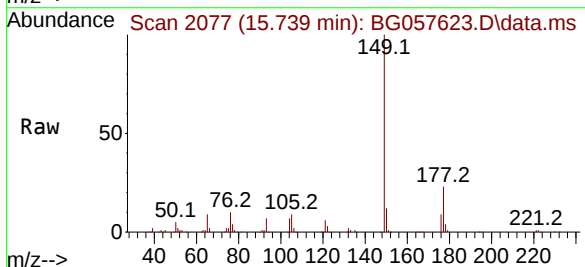
Instrument :
BNA_G
ClientSampleId :
SB16MSD

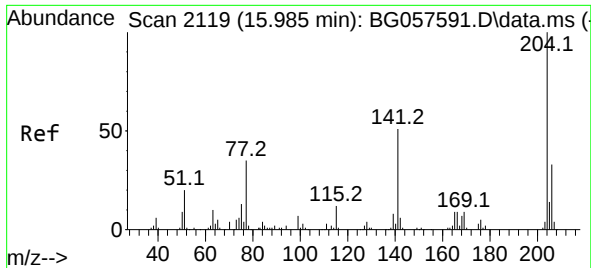
Tgt Ion:232 Resp: 71709
Ion Ratio Lower Upper
232 100
131 33.5 28.6 43.0
130 2.2 1.8 2.6
166 26.5 21.5 32.3



#60
Diethylphthalate
Concen: 44.108 ng
RT: 15.739 min Scan# 2077
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:149 Resp: 242650
Ion Ratio Lower Upper
149 100
177 23.2 19.0 28.6
150 12.4 10.1 15.1

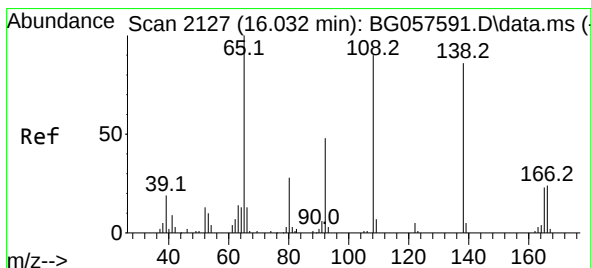
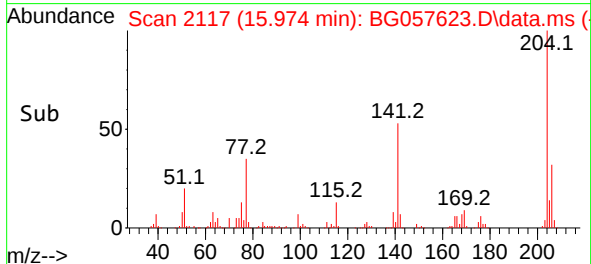
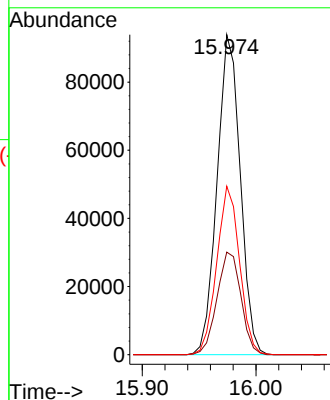
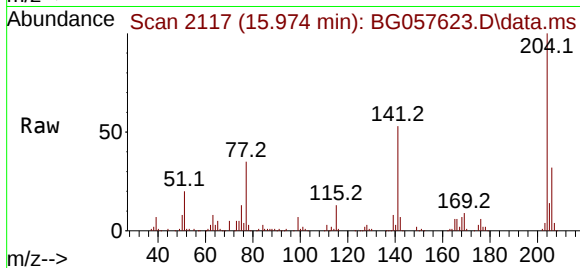




#61
4-Chlorophenyl-phenylether
Concen: 46.317 ng
RT: 15.974 min Scan# 2117
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

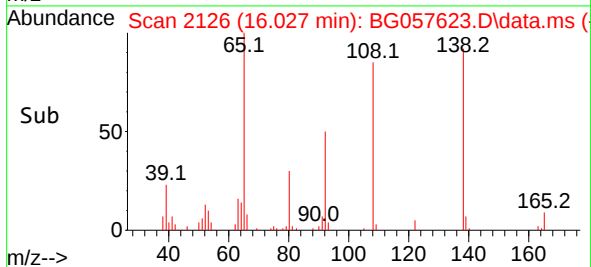
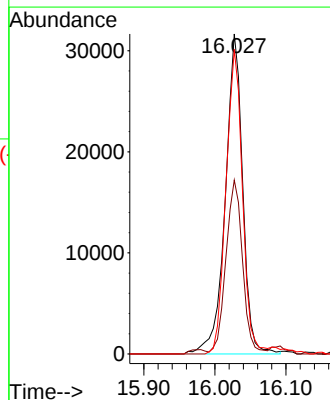
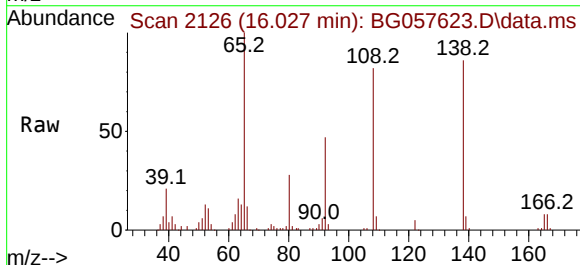
Instrument :
BNA_G
ClientSampleId :
SB16MSD

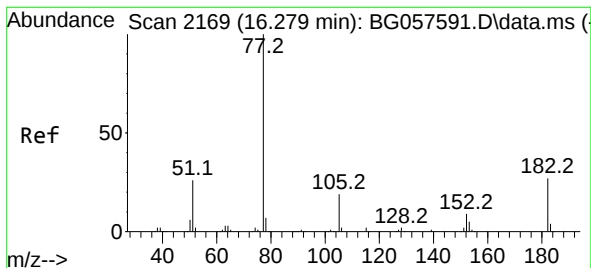
Tgt Ion:204 Resp: 132842
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 52.7 40.8 61.2



#62
4-Nitroaniline
Concen: 42.338 ng
RT: 16.027 min Scan# 2126
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:138 Resp: 53745
Ion Ratio Lower Upper
138 100
92 54.3 36.4 76.4
108 95.1 85.4 125.4





#63

Azobenzene

Concen: 49.862 ng

RT: 16.268 min Scan# 2167

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

Tgt Ion: 77 Resp: 243948

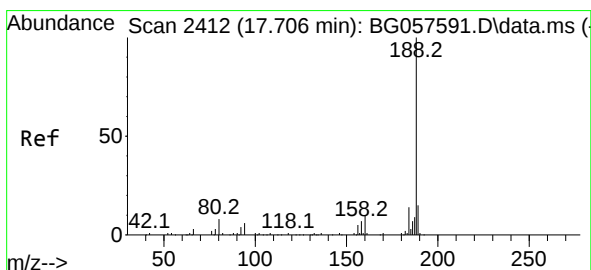
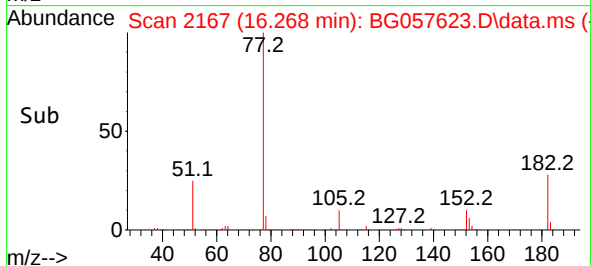
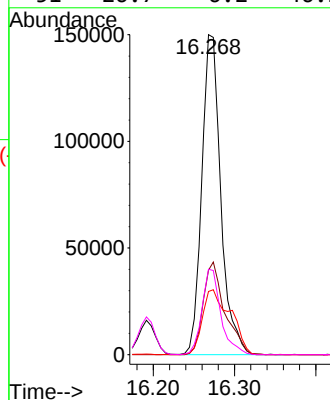
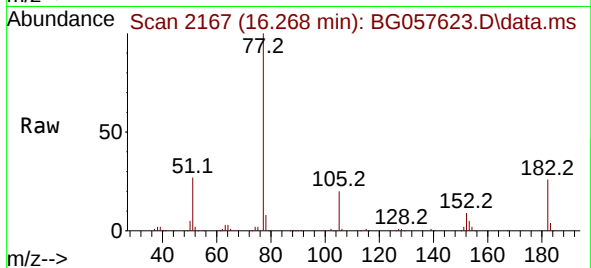
Ion Ratio Lower Upper

77 100

182 26.4 7.4 47.4

105 19.8 0.0 39.4

51 26.7 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.701 min Scan# 2411

Delta R.T. 0.004 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

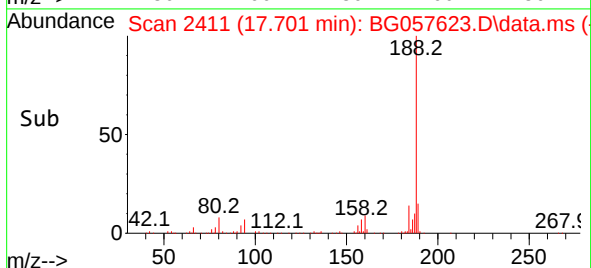
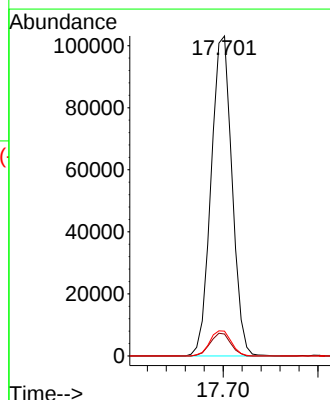
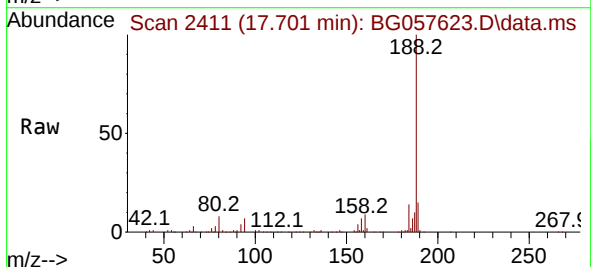
Tgt Ion:188 Resp: 157784

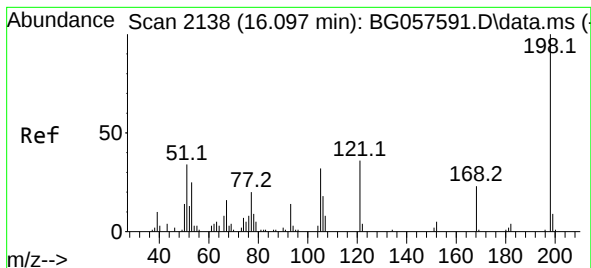
Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

80 7.8 6.7 10.1

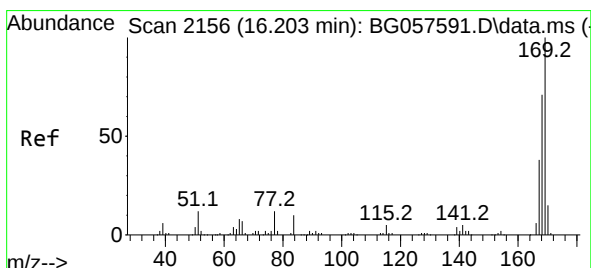
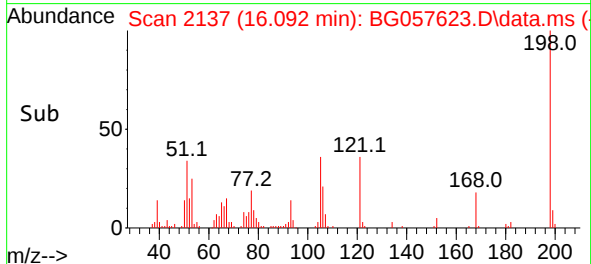
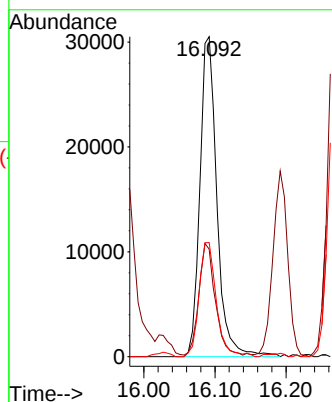
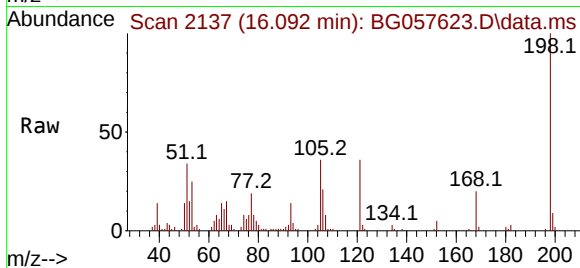




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.875 ng
 RT: 16.092 min Scan# 2138
 Delta R.T. 0.004 min
 Lab File: BG057623.D
 Acq: 31 May 2023 15:54

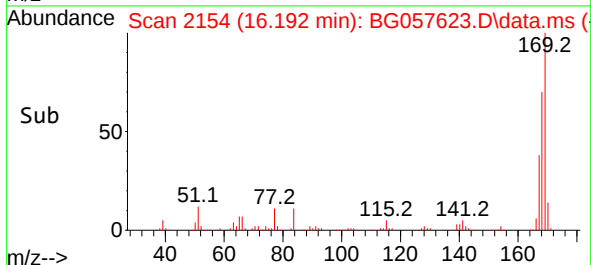
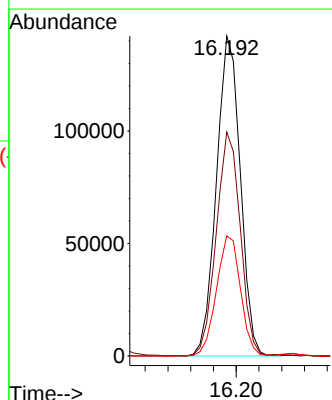
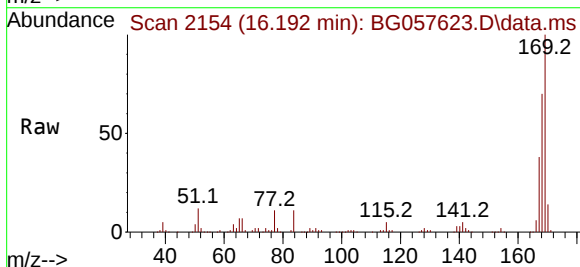
Instrument :
 BNA_G
 ClientSampleId :
 SB16MSD

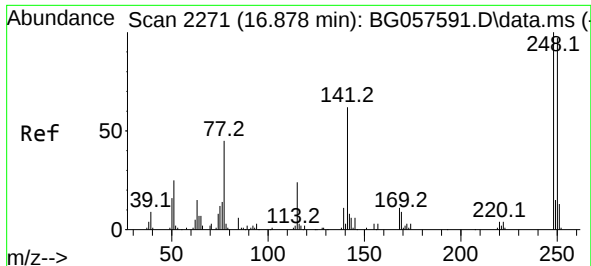
Tgt Ion:198 Resp: 50798
 Ion Ratio Lower Upper
 198 100
 51 33.6 14.9 54.9
 105 35.7 11.8 51.8



#66
 n-Nitrosodiphenylamine
 Concen: 50.598 ng
 RT: 16.192 min Scan# 2154
 Delta R.T. -0.002 min
 Lab File: BG057623.D
 Acq: 31 May 2023 15:54

Tgt Ion:169 Resp: 207503
 Ion Ratio Lower Upper
 169 100
 168 70.0 56.7 85.1
 167 37.6 30.7 46.1

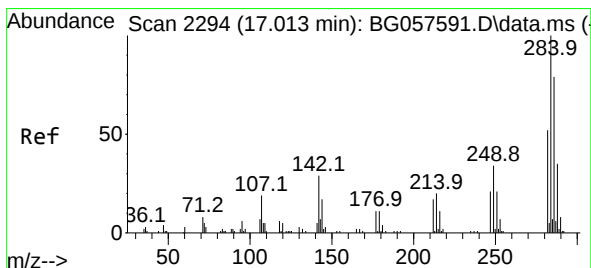
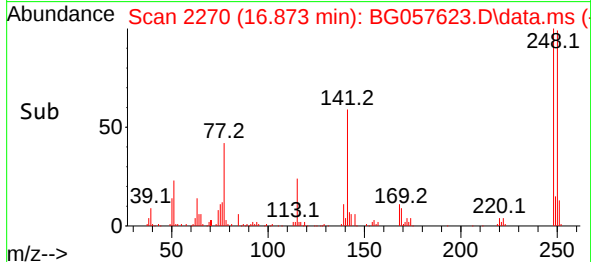
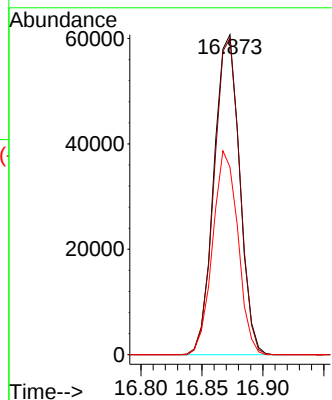
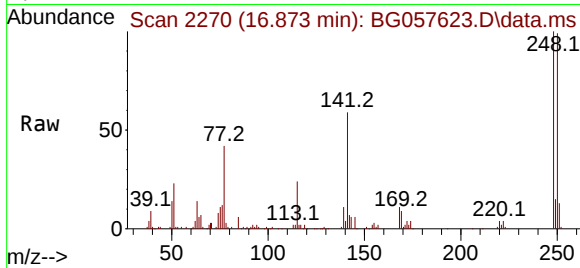




#67
4-Bromophenyl-phenylether
Concen: 50.266 ng
RT: 16.873 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

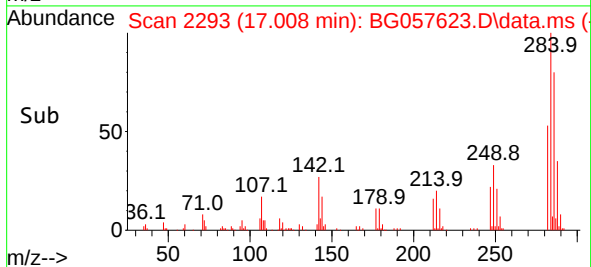
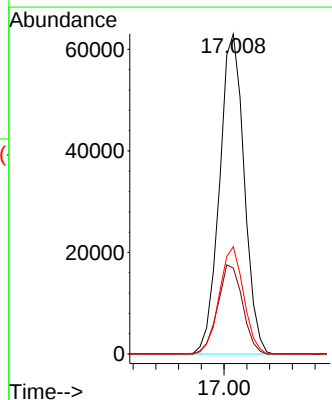
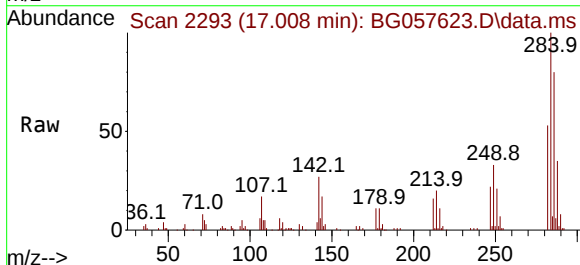
Instrument :
BNA_G
ClientSampleId :
SB16MSD

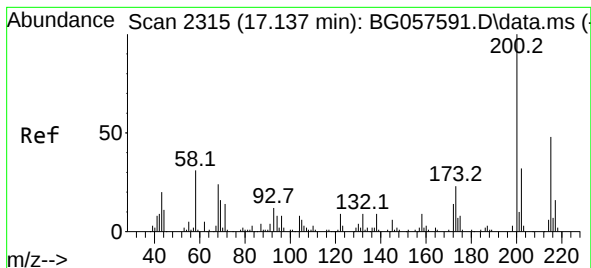
Tgt Ion:248 Resp: 88966
Ion Ratio Lower Upper
248 100
250 99.0 77.4 116.2
141 58.6 49.4 74.0



#68
Hexachlorobenzene
Concen: 51.975 ng
RT: 17.008 min Scan# 2293
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:284 Resp: 94824
Ion Ratio Lower Upper
284 100
142 26.8 22.9 34.3
249 33.5 27.0 40.4





#69

Atrazine

Concen: 54.445 ng

RT: 17.126 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

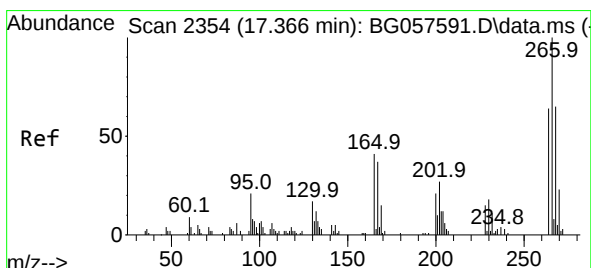
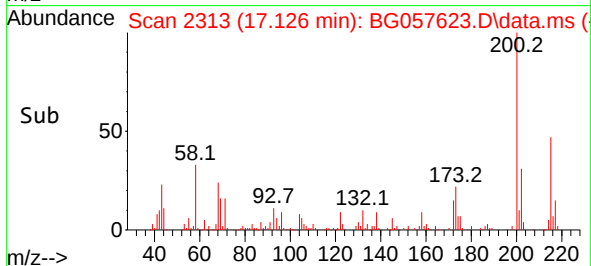
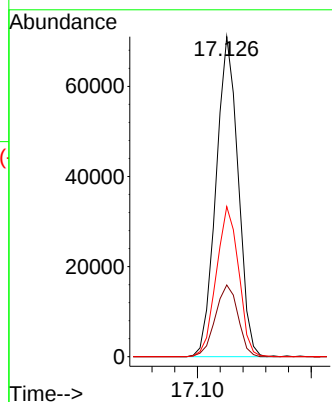
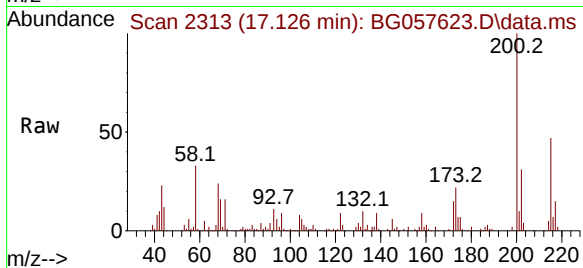
Tgt Ion:200 Resp: 95862

Ion Ratio Lower Upper

200 100

173 22.4 3.2 43.2

215 46.9 28.4 68.4



#70

Pentachlorophenol

Concen: 91.931 ng

RT: 17.355 min Scan# 2352

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

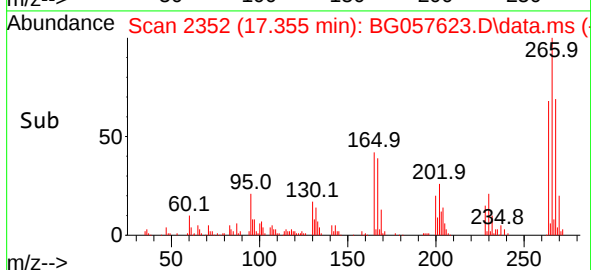
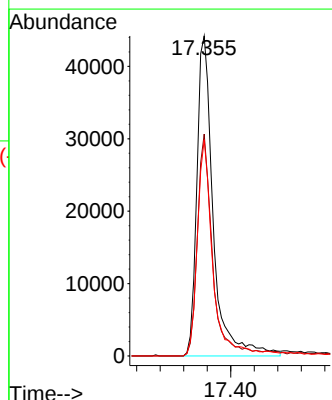
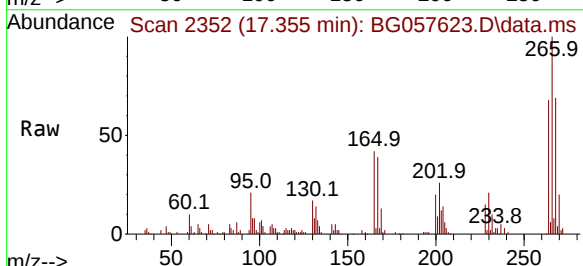
Tgt Ion:266 Resp: 85460

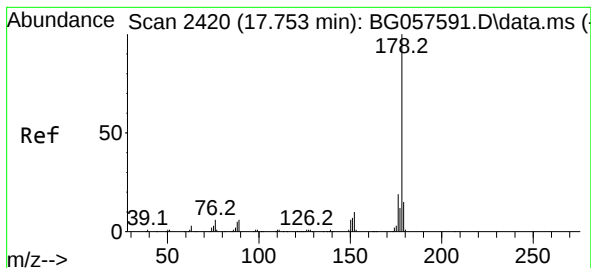
Ion Ratio Lower Upper

266 100

268 69.4 52.2 78.4

264 67.6 51.2 76.8





#71

Phenanthrene

Concen: 48.480 ng

RT: 17.742 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

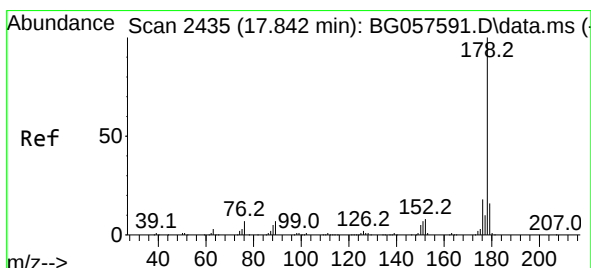
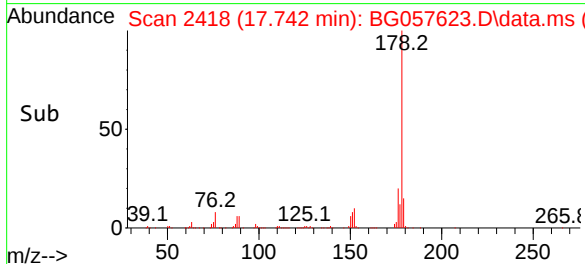
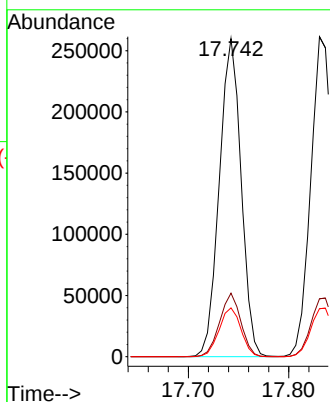
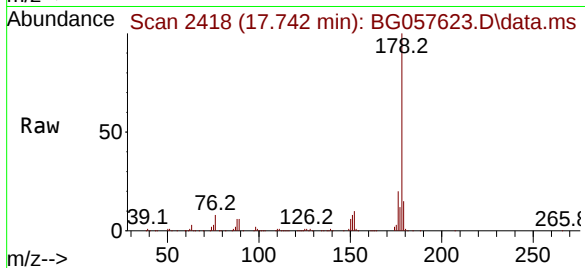
Tgt Ion:178 Resp: 391445

Ion Ratio Lower Upper

178 100

176 20.0 15.3 22.9

179 15.3 12.0 18.0



#72

Anthracene

Concen: 48.590 ng

RT: 17.831 min Scan# 2433

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

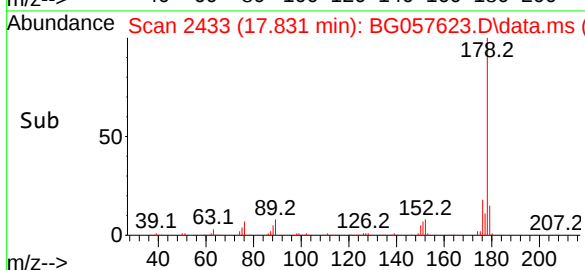
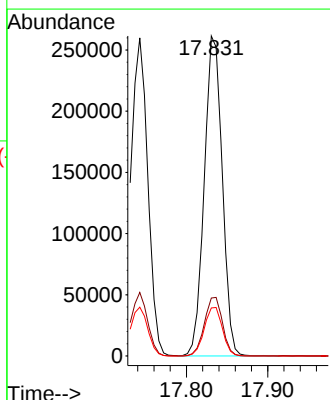
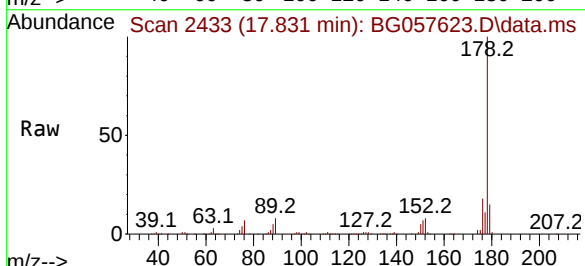
Tgt Ion:178 Resp: 402479

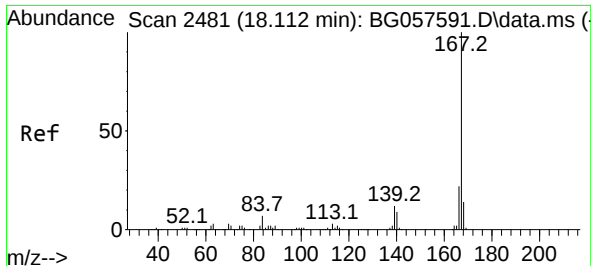
Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

179 15.0 12.6 18.8

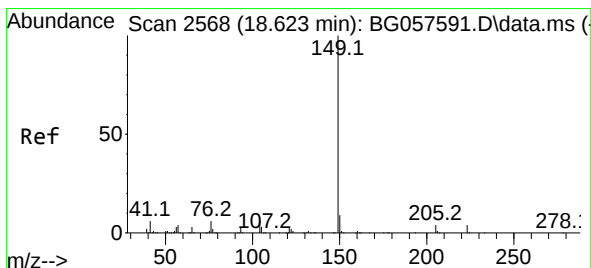
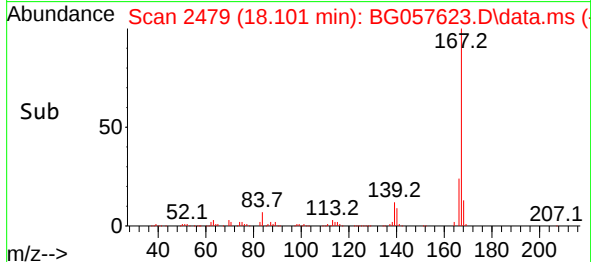
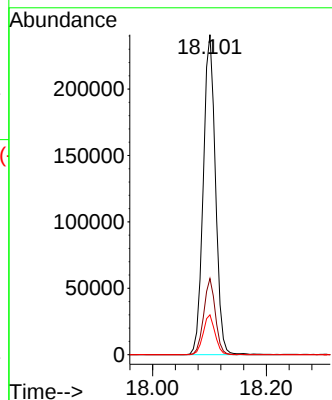
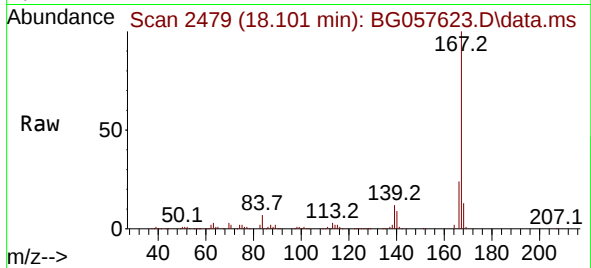




#73
 Carbazole
 Concen: 48.266 ng
 RT: 18.101 min Scan# 2481
 Delta R.T. 0.004 min
 Lab File: BG057623.D
 Acq: 31 May 2023 15:54

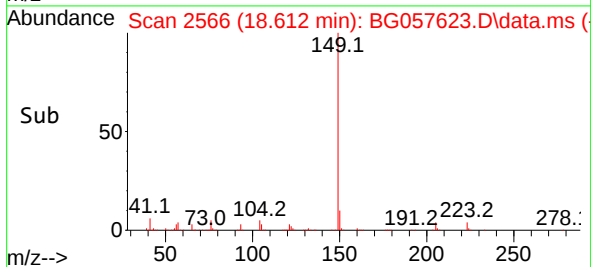
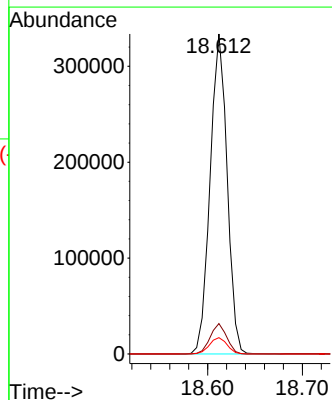
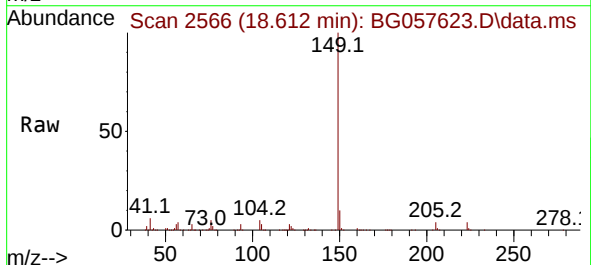
Instrument :
 BNA_G
 ClientSampleId :
 SB16MSD

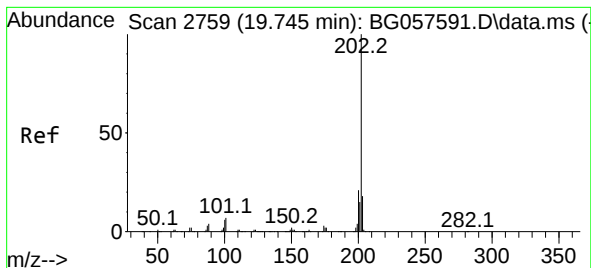
Tgt Ion:167 Resp: 357651
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.9 26.9
 139 12.4 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 47.281 ng
 RT: 18.612 min Scan# 2566
 Delta R.T. -0.002 min
 Lab File: BG057623.D
 Acq: 31 May 2023 15:54

Tgt Ion:149 Resp: 415912
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 5.1 4.6 6.8





#75

Fluoranthene

Concen: 44.648 ng

RT: 19.734 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

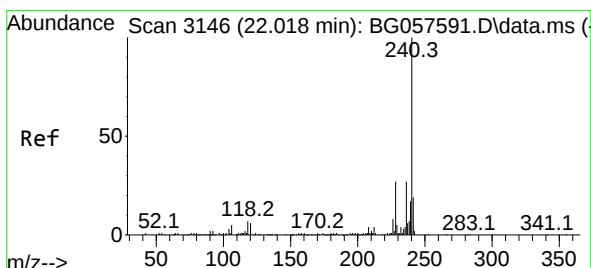
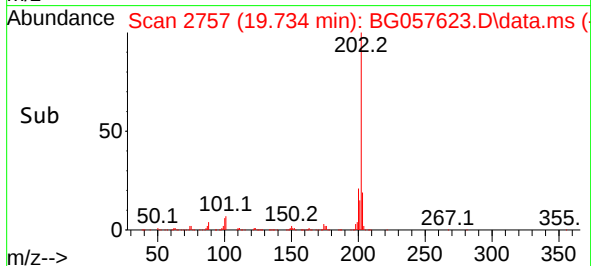
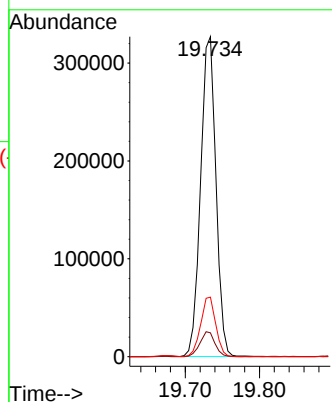
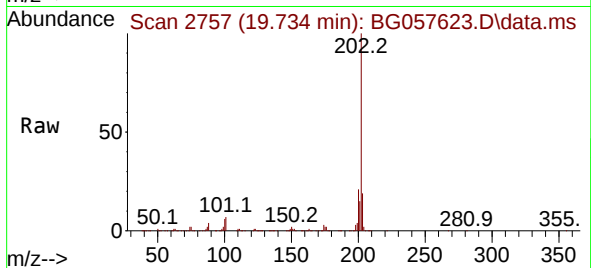
Tgt Ion:202 Resp: 468008

Ion Ratio Lower Upper

202 100

101 7.4 0.0 27.5

203 18.6 0.0 38.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.001 min Scan# 3143

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

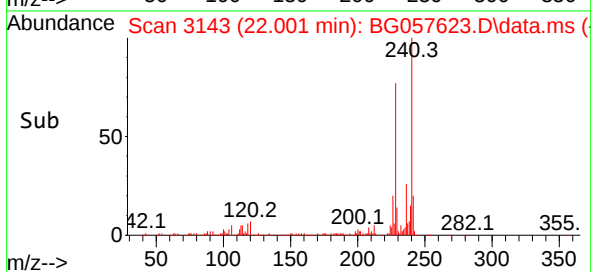
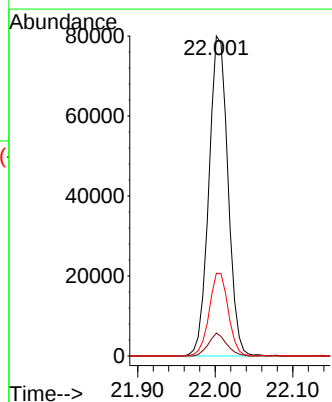
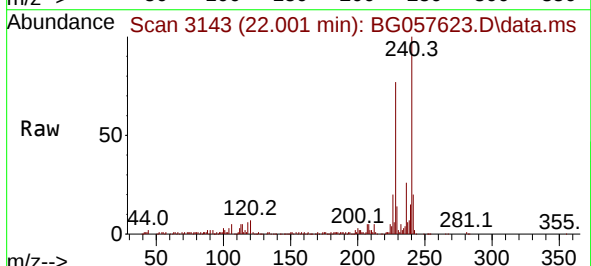
Tgt Ion:240 Resp: 136362

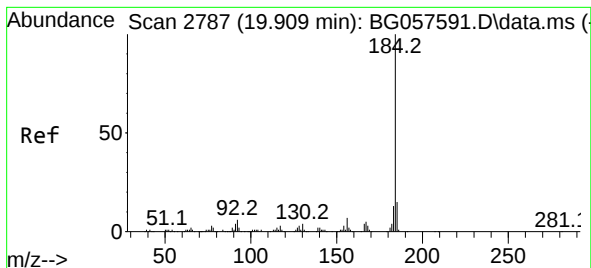
Ion Ratio Lower Upper

240 100

120 7.2 5.2 7.8

236 25.8 21.4 32.0





#77

Benzidine

Concen: 41.443 ng

RT: 19.898 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

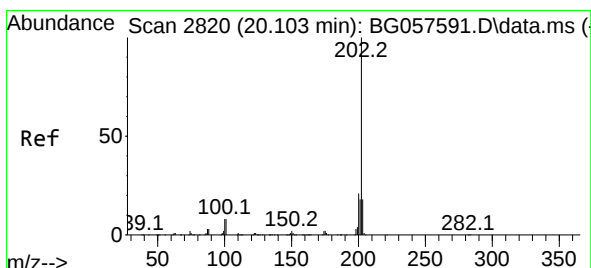
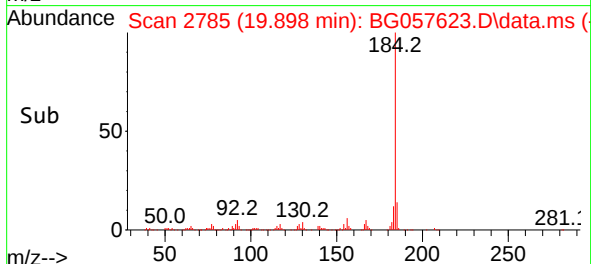
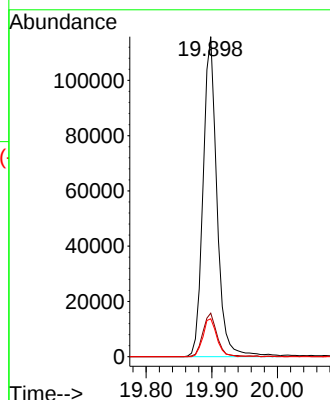
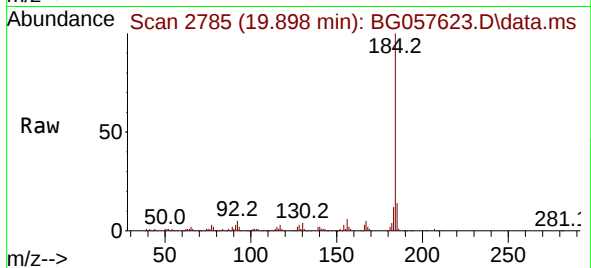
Tgt Ion:184 Resp: 171006

Ion Ratio Lower Upper

184 100

185 13.6 12.0 18.0

183 11.8 10.0 15.0



#78

Pyrene

Concen: 49.183 ng

RT: 20.092 min Scan# 2818

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

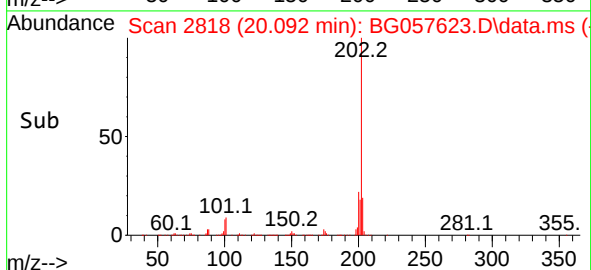
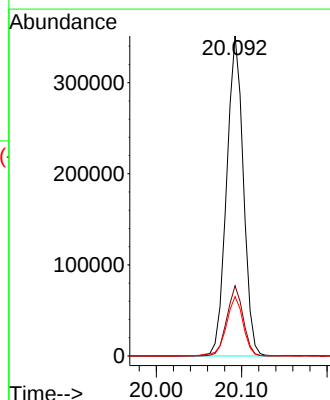
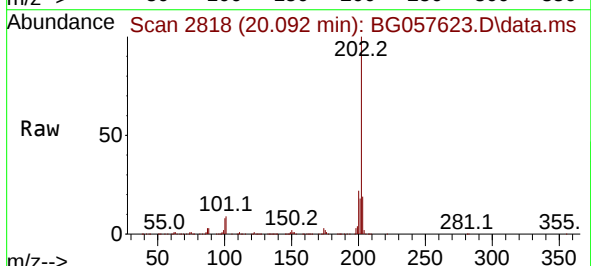
Tgt Ion:202 Resp: 477534

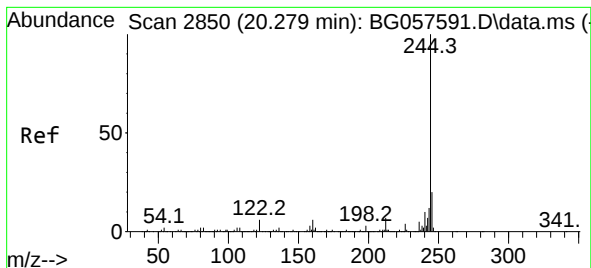
Ion Ratio Lower Upper

202 100

200 22.0 16.8 25.2

203 18.5 14.5 21.7





#79

Terphenyl-d14

Concen: 69.003 ng

RT: 20.263 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

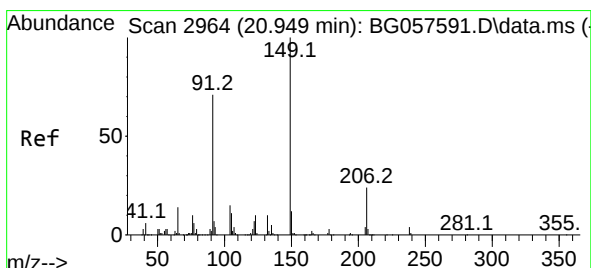
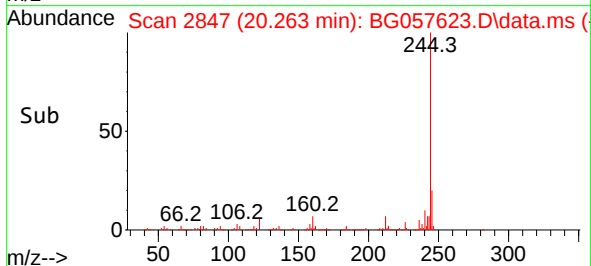
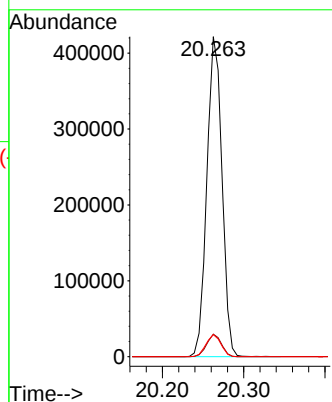
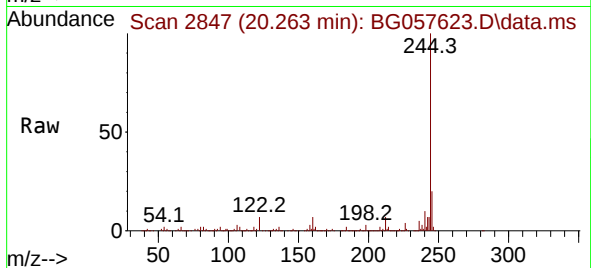
Tgt Ion:244 Resp: 543201

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 6.9 4.8 7.2



#80

Butylbenzylphthalate

Concen: 49.693 ng

RT: 20.938 min Scan# 2962

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

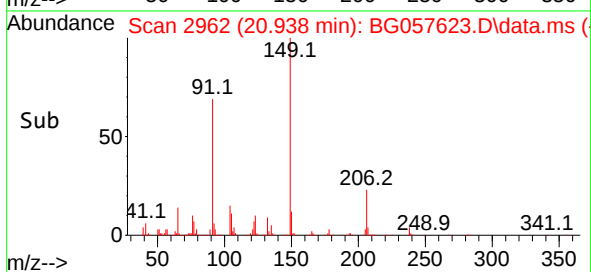
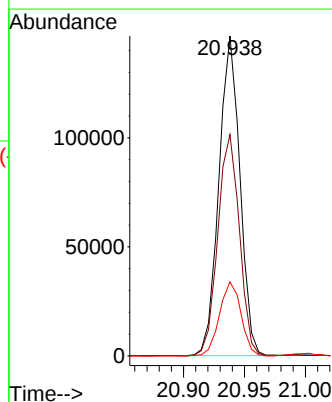
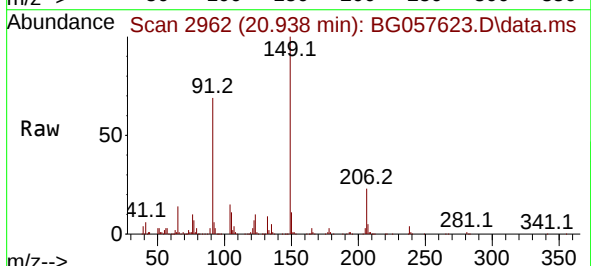
Tgt Ion:149 Resp: 175716

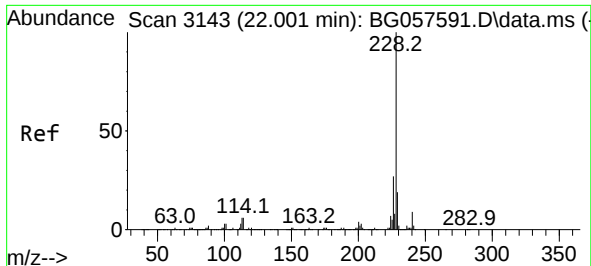
Ion Ratio Lower Upper

149 100

91 69.2 57.0 85.6

206 23.2 19.4 29.2

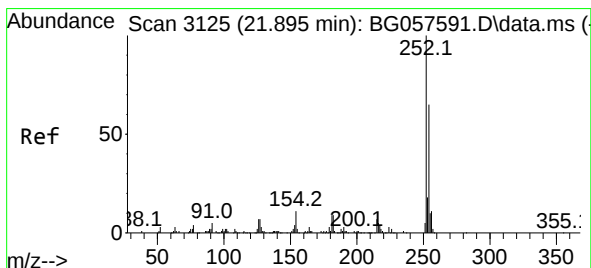
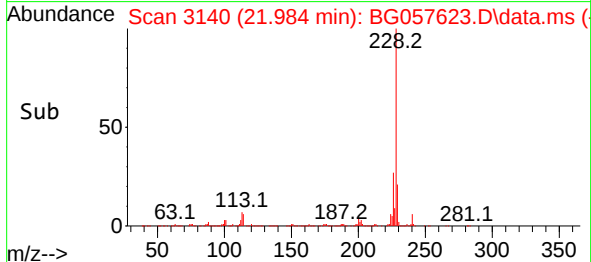
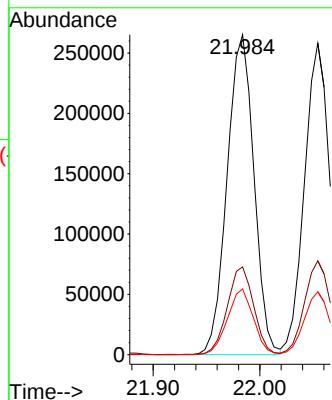
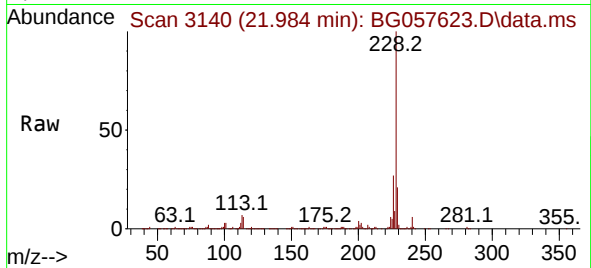




#81
Benzo(a)anthracene
Concen: 49.049 ng
RT: 21.984 min Scan# 3143
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

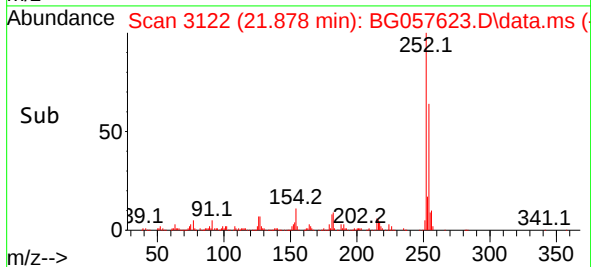
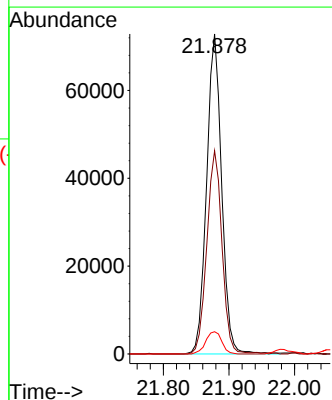
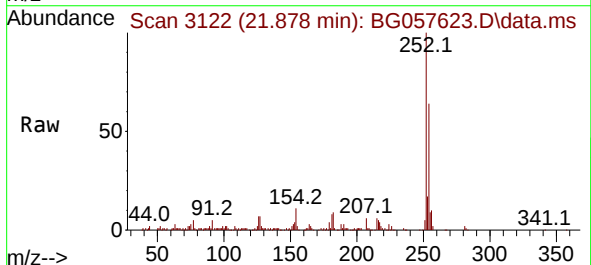
Instrument :
BNA_G
ClientSampleId :
SB16MSD

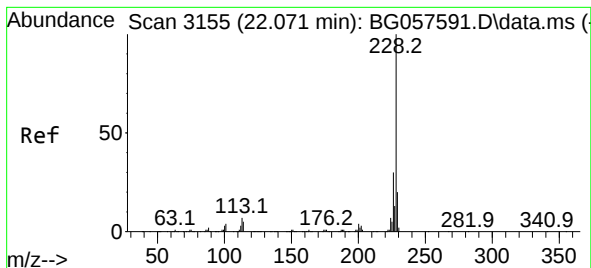
Tgt Ion:228 Resp: 464018
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 20.6 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 33.352 ng
RT: 21.878 min Scan# 3122
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:252 Resp: 116354
Ion Ratio Lower Upper
252 100
254 63.5 51.8 77.8
126 7.0 5.4 8.2





#83

Chrysene

Concen: 47.749 ng

RT: 22.054 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

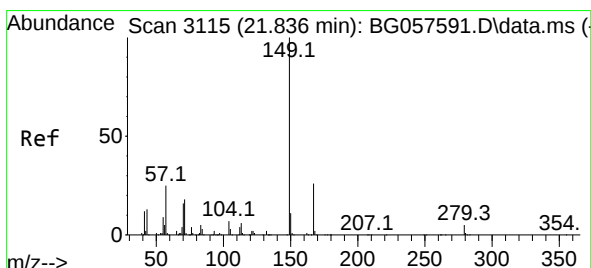
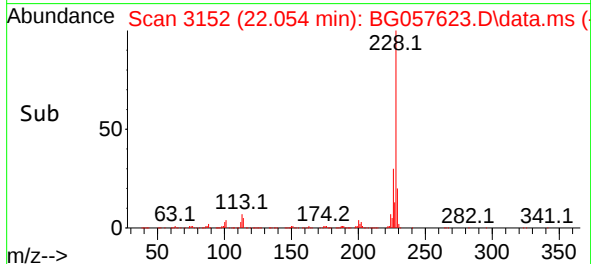
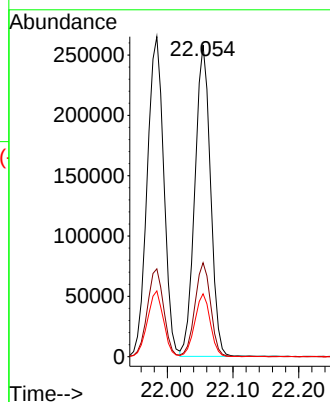
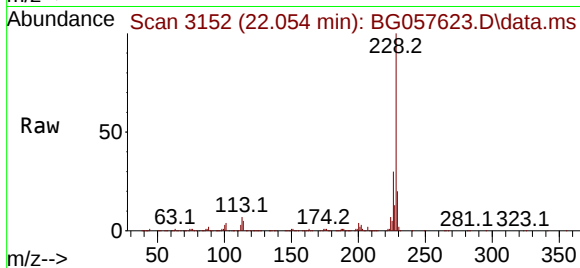
Tgt Ion:228 Resp: 426876

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 20.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.679 ng

RT: 21.819 min Scan# 3112

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

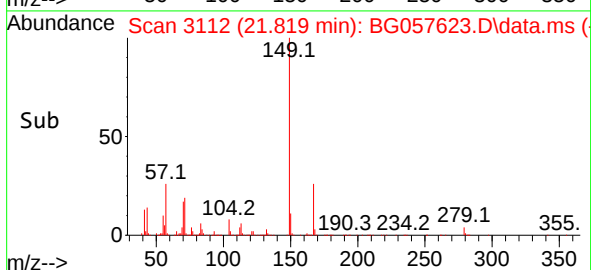
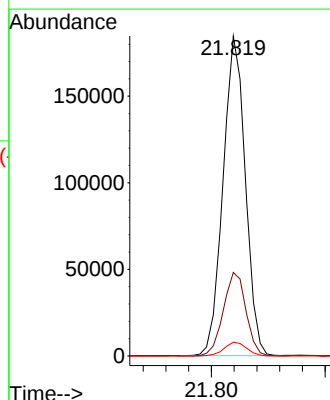
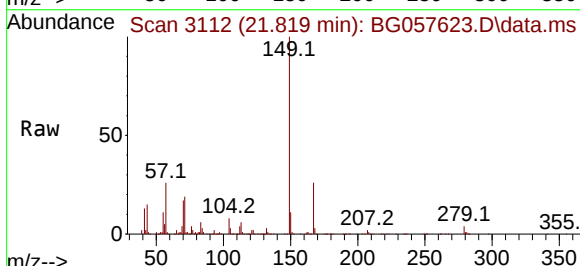
Tgt Ion:149 Resp: 250578

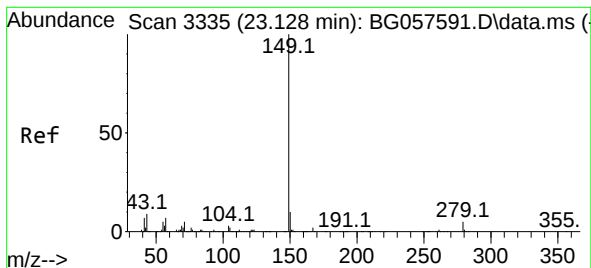
Ion Ratio Lower Upper

149 100

167 26.1 20.6 31.0

279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 50.643 ng

RT: 23.106 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

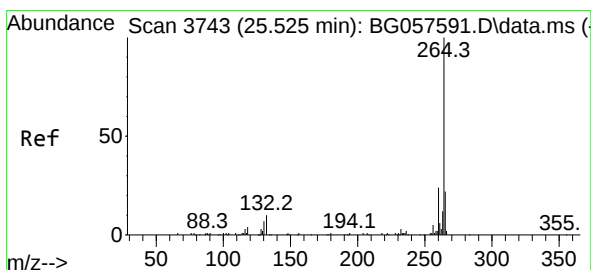
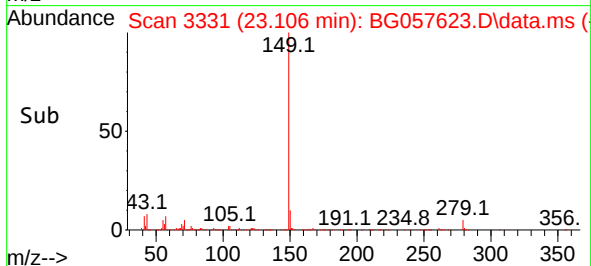
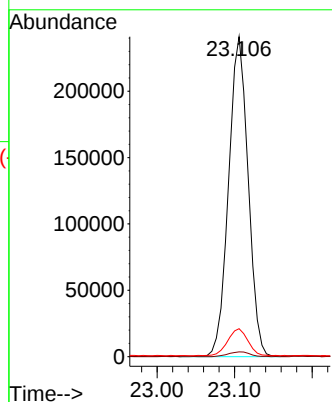
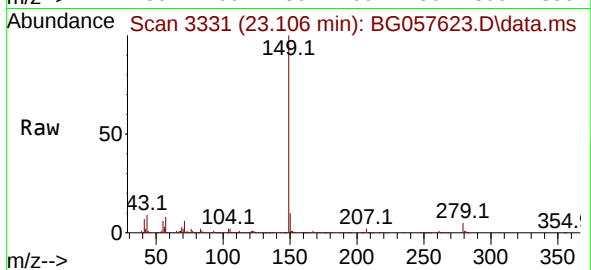
Tgt Ion:149 Resp: 423405

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.7 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.491 min Scan# 3737

Delta R.T. -0.008 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

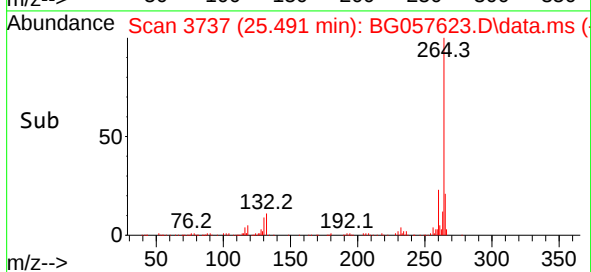
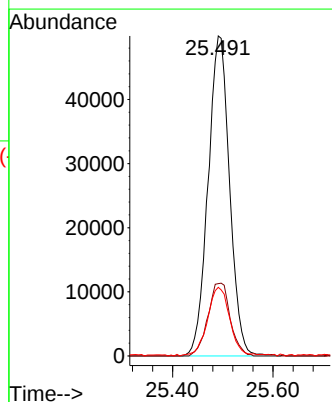
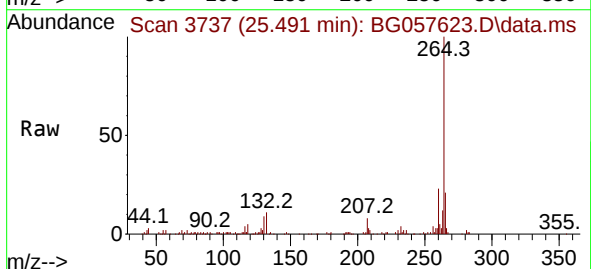
Tgt Ion:264 Resp: 148510

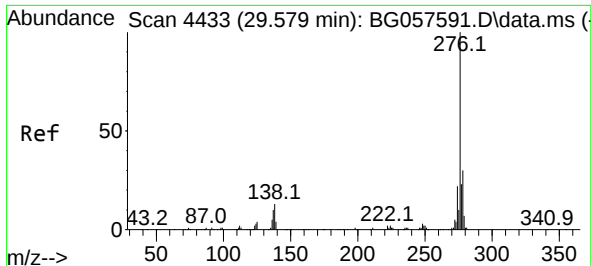
Ion Ratio Lower Upper

264 100

260 22.6 19.1 28.7

265 21.5 17.7 26.5

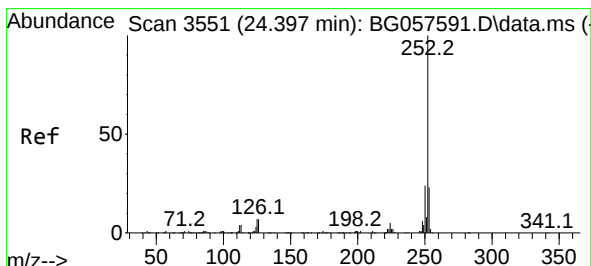
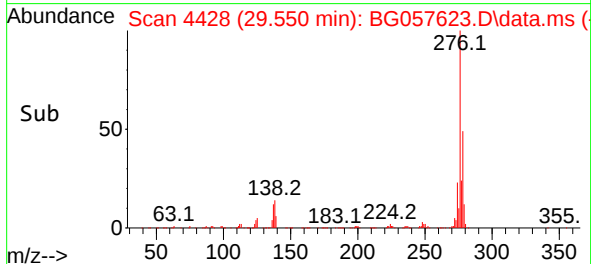
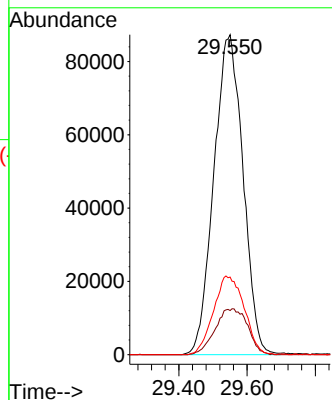
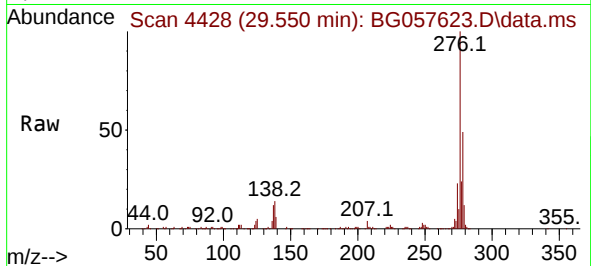




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.961 ng
RT: 29.550 min Scan# 4433
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

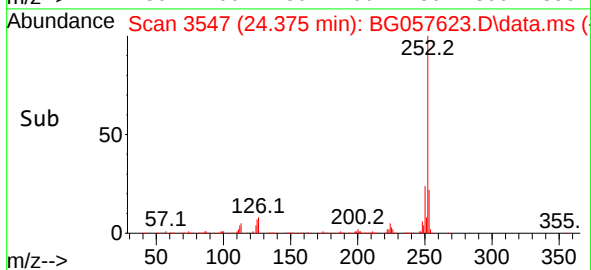
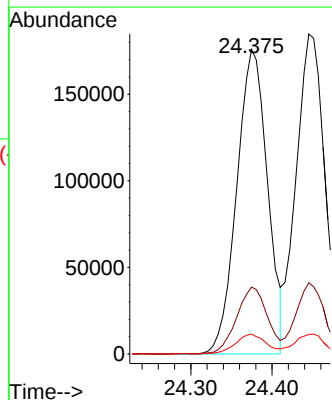
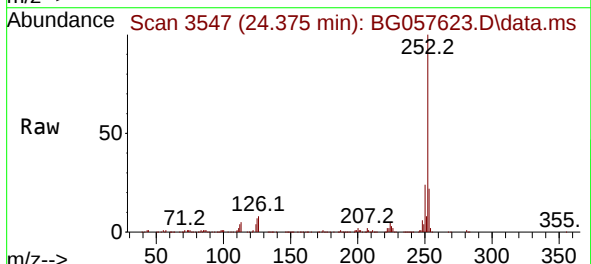
Instrument :
BNA_G
ClientSampleId :
SB16MSD

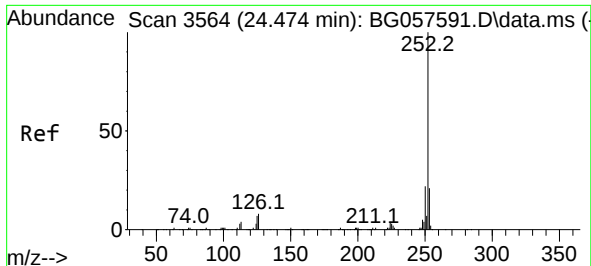
Tgt Ion:276 Resp: 517308
Ion Ratio Lower Upper
276 100
138 16.0 12.3 18.5
277 25.9 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 50.488 ng
RT: 24.375 min Scan# 3547
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:252 Resp: 461520
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 6.5 5.2 7.8

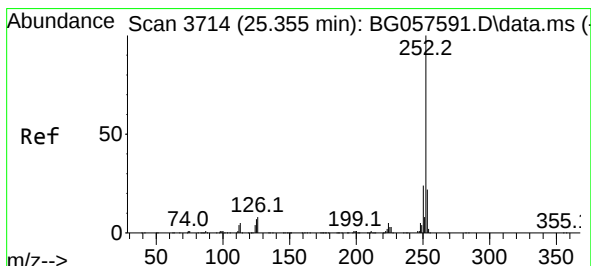
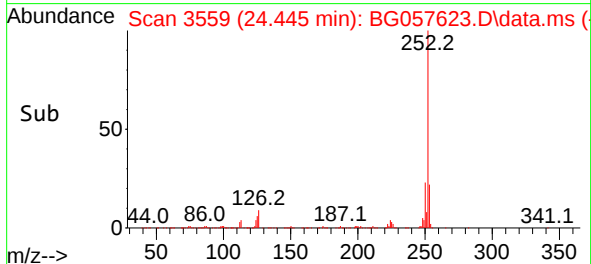
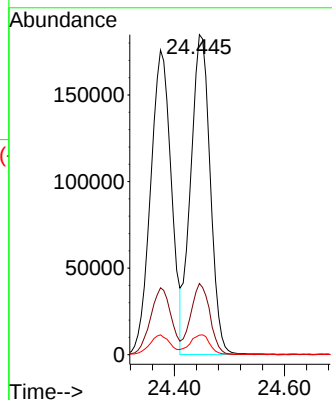
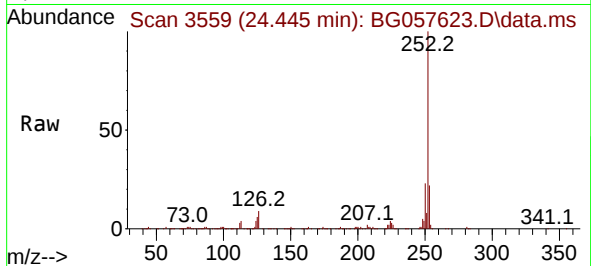




#89
Benzo(k)fluoranthene
Concen: 49.347 ng
RT: 24.445 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

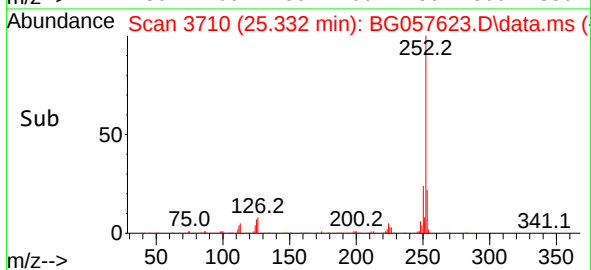
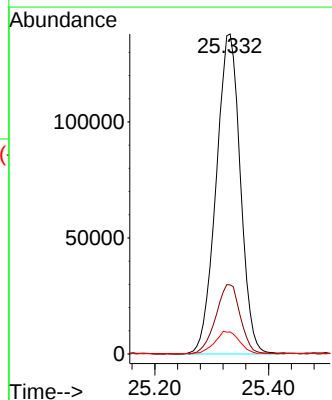
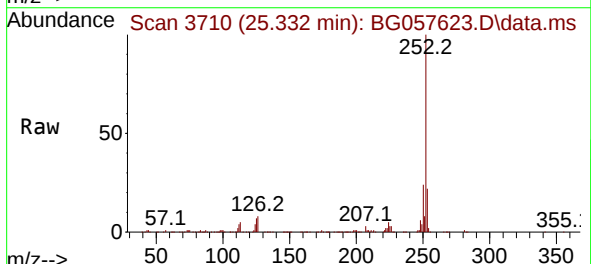
Instrument :
BNA_G
ClientSampleId :
SB16MSD

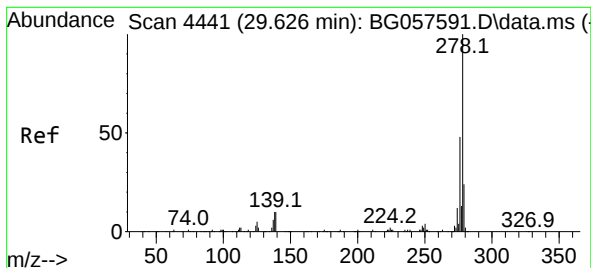
Tgt Ion:252 Resp: 455254
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 6.1 5.1 7.7



#90
Benzo(a)pyrene
Concen: 45.697 ng
RT: 25.332 min Scan# 3710
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:252 Resp: 407378
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 6.9 5.3 7.9





#91

Dibenzo(a,h)anthracene

Concen: 50.197 ng

RT: 29.591 min Scan# 4441

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

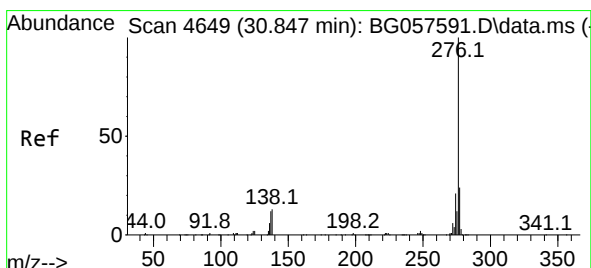
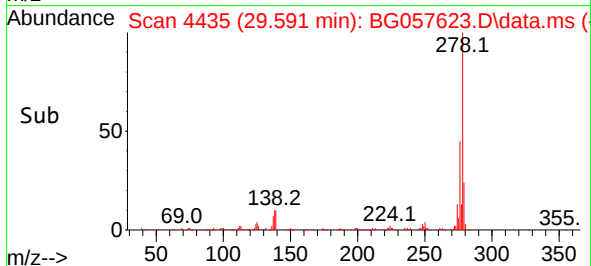
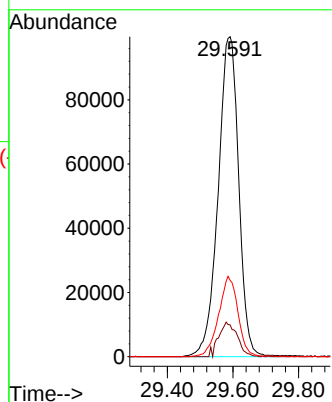
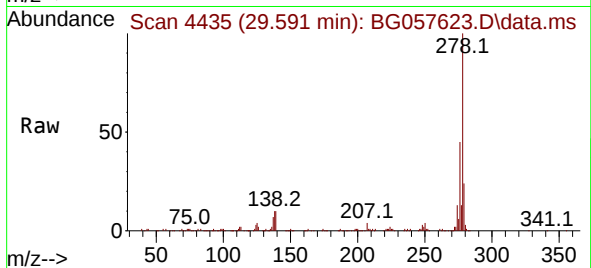
Tgt Ion:278 Resp: 432558

Ion Ratio Lower Upper

278 100

139 10.0 7.8 11.8

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 49.984 ng

RT: 30.813 min Scan# 4643

Delta R.T. 0.004 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Tgt Ion:276 Resp: 420067

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 13.2 10.2 15.4

