

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056327.D
 Acq On : 18 Jan 2023 13:47
 Operator : CG/JU
 Sample : PB150306BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150306BS

Quant Time: Jan 19 00:30:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.308	152	44982	20.000	ng	0.00
21) Naphthalene-d8	11.140	136	178649	20.000	ng	0.00
39) Acenaphthene-d10	14.924	164	143988	20.000	ng	0.00
64) Phenanthrene-d10	17.662	188	354240	20.000	ng	0.00
76) Chrysene-d12	21.957	240	316484	20.000	ng	0.00
86) Perylene-d12	25.400	264	339911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	392842	155.933	ng	0.00
7) Phenol-d6	7.451	99	549705	142.082	ng	0.00
23) Nitrobenzene-d5	9.483	82	298609	85.499	ng	0.00
42) 2,4,6-Tribromophenol	16.405	330	254733	139.688	ng	0.00
45) 2-Fluorobiphenyl	13.549	172	943216	90.458	ng	0.00
79) Terphenyl-d14	20.236	244	1720749	97.381	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.632	88	37692	32.755	ng	96
3) Pyridine	4.049	79	108941	31.084	ng	# 95
4) n-Nitrosodimethylamine	3.961	42	27326	38.328	ng	# 73
6) Aniline	7.621	93	144531	28.487	ng	97
8) 2-Chlorophenol	7.868	128	138438	55.221	ng	96
9) Benzaldehyde	7.433	77	60296	26.211	ng	96
10) Phenol	7.480	94	191288	48.753	ng	99
11) bis(2-Chloroethyl)ether	7.709	93	120081	45.161	ng	98
12) 1,3-Dichlorobenzene	8.197	146	148431	48.648	ng	94
13) 1,4-Dichlorobenzene	8.344	146	147818	48.245	ng	97
14) 1,2-Dichlorobenzene	8.667	146	146403	49.522	ng	99
15) Benzyl Alcohol	8.543	79	127016	45.109	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.831	45	26074	55.492	ng	# 74
17) 2-Methylphenol	8.743	107	134830	46.831	ng	96
18) Hexachloroethane	9.407	117	45797	49.203	ng	94
19) n-Nitroso-di-n-propyla...	9.113	70	94865	40.323	ng	96
20) 3+4-Methylphenols	9.072	107	185510	45.830	ng	98
22) Acetophenone	9.137	105	216099	42.781	ng	# 98
24) Nitrobenzene	9.530	77	147057	42.488	ng	96
25) Isophorone	10.048	82	289306	39.370	ng	97
26) 2-Nitrophenol	10.241	139	81869	46.231	ng	99
27) 2,4-Dimethylphenol	10.288	122	150601	46.626	ng	97
28) bis(2-Chloroethoxy)met...	10.523	93	165222	43.260	ng	98
29) 2,4-Dichlorophenol	10.782	162	170975	47.880	ng	98
30) 1,2,4-Trichlorobenzene	10.999	180	183133	45.193	ng	98
31) Naphthalene	11.193	128	423332	45.026	ng	99
32) Benzoic acid	10.441	122	94808	39.561	ng	94
33) 4-Chloroaniline	11.293	127	72115	16.065	ng	97
34) Hexachlorobutadiene	11.464	225	130492	44.774	ng	97
35) Caprolactam	12.069	113	31283	25.875	ng	98
36) 4-Chloro-3-methylphenol	12.392	107	160882	44.400	ng	98
37) 2-Methylnaphthalene	12.774	142	330097	41.581	ng	97
38) 1-Methylnaphthalene	12.991	142	312060	42.330	ng	95
40) 1,2,4,5-Tetrachloroben...	13.138	216	245620	45.514	ng	99
41) Hexachlorocyclopentadiene	13.109	237	339561	110.363	ng	96
43) 2,4,6-Trichlorophenol	13.367	196	165939	46.501	ng	98

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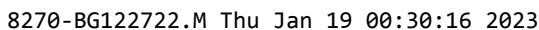
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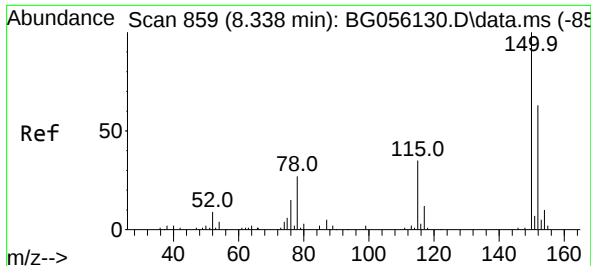
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.444	196	180217	42.693	ng	96
46) 1,1'-Biphenyl	13.761	154	484980	47.031	ng	98
47) 2-Chloronaphthalene	13.814	162	383655	47.136	ng	99
48) 2-Nitroaniline	14.002	65	79615	45.909	ng	97
49) Acenaphthylene	14.654	152	598879	45.214	ng	98
50) Dimethylphthalate	14.366	163	502585	43.238	ng	98
51) 2,6-Dinitrotoluene	14.489	165	111585	45.053	ng	94
52) Acenaphthene	14.989	154	359615	41.744	ng	100
53) 3-Nitroaniline	14.818	138	52759	22.382	ng	99
54) 2,4-Dinitrophenol	15.030	184	164170	92.784	ng	# 96
55) Dibenzofuran	15.318	168	617883	43.343	ng	97
56) 4-Nitrophenol	15.124	139	167304	92.287	ng	92
57) 2,4-Dinitrotoluene	15.277	165	153156	44.216	ng	90
58) Fluorene	15.964	166	497773	43.413	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.459	232	173664	43.816	ng	97
60) Diethylphthalate	15.711	149	462648	42.442	ng	100
61) 4-Chlorophenyl-phenyle...	15.946	204	305917	42.752	ng	99
62) 4-Nitroaniline	15.982	138	98063	40.613	ng	96
63) Azobenzene	16.240	77	358587	42.629	ng	98
65) 4,6-Dinitro-2-methylph...	16.035	198	111519	46.726	ng	93
66) n-Nitrosodiphenylamine	16.158	169	458136	46.613	ng	98
67) 4-Bromophenyl-phenylether	16.840	248	208705	46.267	ng	99
68) Hexachlorobenzene	16.969	284	211339	50.216	ng	97
69) Atrazine	17.092	200	195939	48.103	ng	99
70) Pentachlorophenol	17.310	266	271510	83.984	ng	96
71) Phenanthrene	17.703	178	846334	46.102	ng	99
72) Anthracene	17.797	178	861595	45.497	ng	99
73) Carbazole	18.056	167	738801	46.412	ng	97
74) Di-n-butylphthalate	18.585	149	753116	47.461	ng	100
75) Fluoranthene	19.695	202	1024503	42.783	ng	99
77) Benzidine	19.860	184	339063	30.571	ng	99
78) Pyrene	20.053	202	1041773	46.701	ng	99
80) Butylbenzylphthalate	20.911	149	298104	46.581	ng	96
81) Benzo(a)anthracene	21.934	228	1004219	45.176	ng	99
82) 3,3'-Dichlorobenzidine	21.834	252	199987	24.992	ng	100
83) Chrysene	22.004	228	946433	45.454	ng	99
84) Bis(2-ethylhexyl)phtha...	21.798	149	422956	45.873	ng	100
85) Di-n-octyl phthalate	23.079	149	721666	46.364	ng	99
87) Indeno(1,2,3-cd)pyrene	29.372	276	1167605	47.232	ng	# 98
88) Benzo(b)fluoranthene	24.301	252	1048542	48.551	ng	99
89) Benzo(k)fluoranthene	24.372	252	998365	46.423	ng	99
90) Benzo(a)pyrene	25.236	252	917841	43.573	ng	100
91) Dibenzo(a,h)anthracene	29.431	278	989570	47.746	ng	98
92) Benzo(g,h,i)perylene	30.623	276	934833	46.513	ng	100

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

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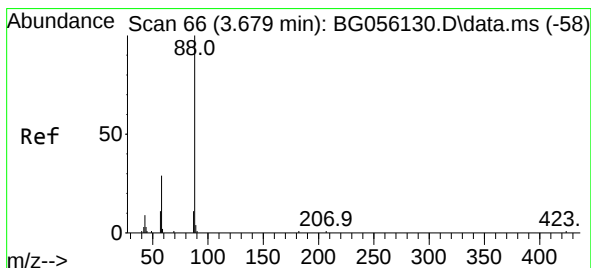
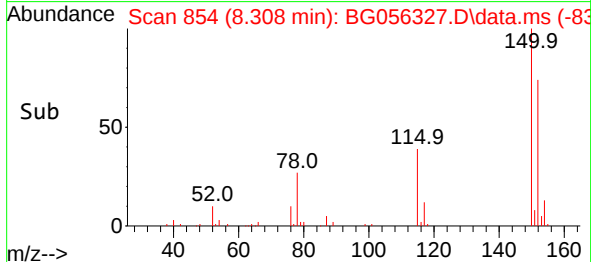
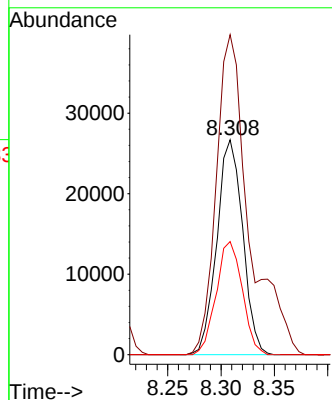
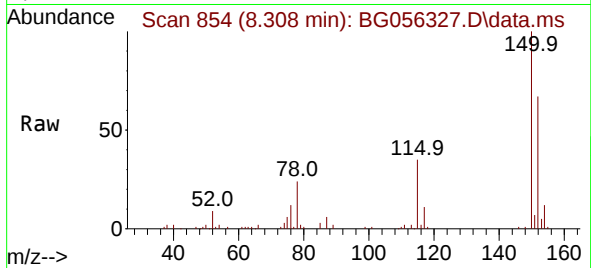




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.308 min Scan# 81
 Delta R.T. -0.009 min
 Lab File: BG056327.D
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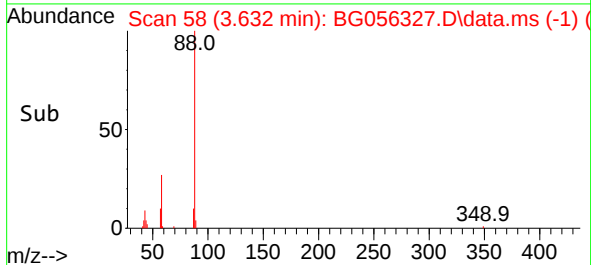
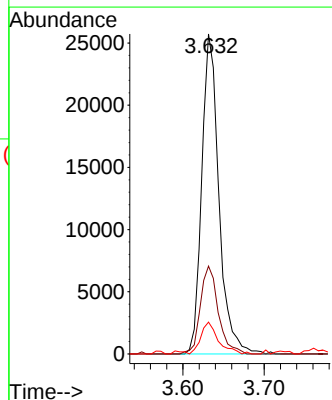
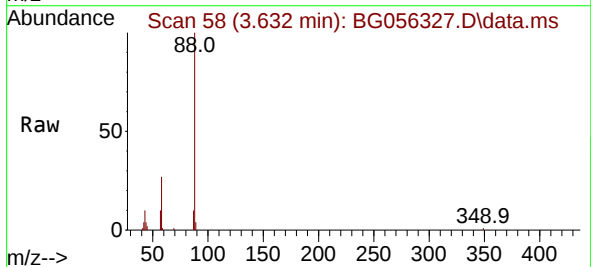
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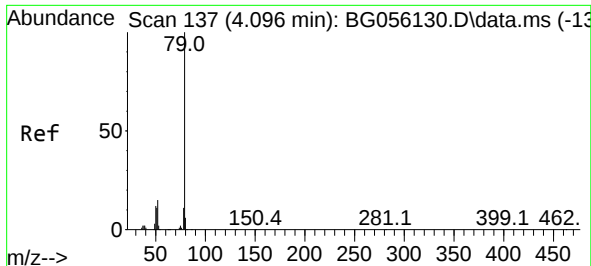
Tgt Ion:152 Resp: 44982
 Ion Ratio Lower Upper
 152 100
 150 149.0 127.9 191.9
 115 52.6 44.2 66.2



#2
 1,4-Dioxane
 Concen: 32.755 ng
 RT: 3.632 min Scan# 58
 Delta R.T. -0.014 min
 Lab File: BG056327.D
 Acq: 18 Jan 2023 13:47

Tgt Ion: 88 Resp: 37692
 Ion Ratio Lower Upper
 88 100
 58 28.6 21.4 32.0
 43 10.1 7.1 10.7

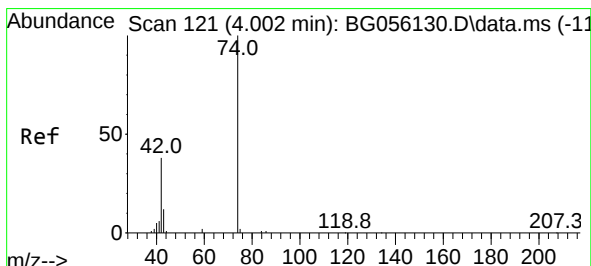
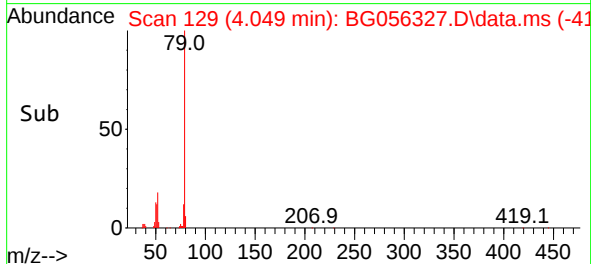
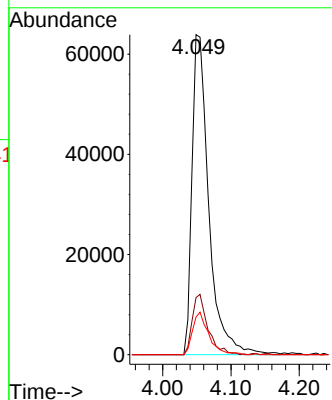
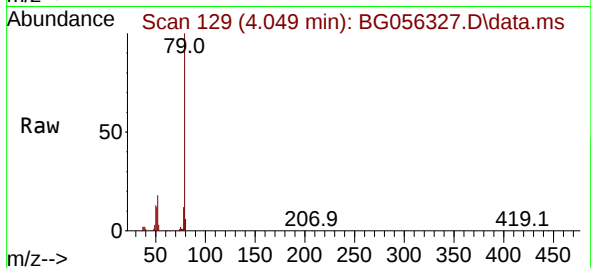




#3
 Pyridine
 Concen: 31.084 ng
 RT: 4.049 min Scan# 11
 Delta R.T. -0.014 min
 Lab File: BG056327.D
 Acq: 18 Jan 2023 13:47

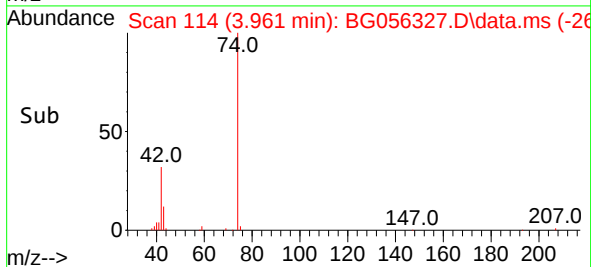
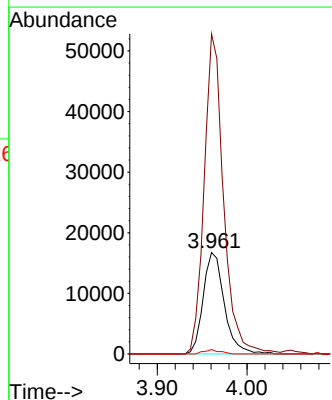
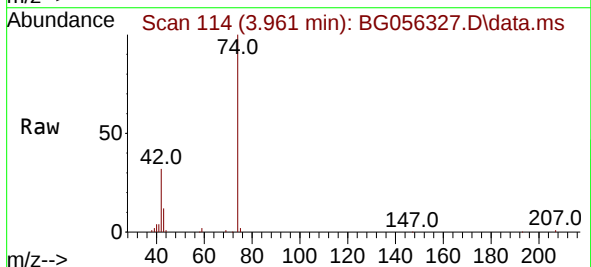
Instrument :
 BNA_G
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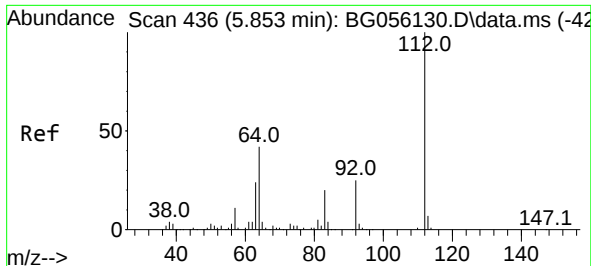
Tgt Ion: 79 Resp: 108941
 Ion Ratio Lower Upper
 79 100
 52 17.9 11.8 17.6#
 51 11.7 8.8 13.2



#4
 n-Nitrosodimethylamine
 Concen: 38.328 ng
 RT: 3.961 min Scan# 114
 Delta R.T. -0.014 min
 Lab File: BG056327.D
 Acq: 18 Jan 2023 13:47

Tgt Ion: 42 Resp: 27326
 Ion Ratio Lower Upper
 42 100
 74 315.5 212.6 319.0
 44 4.5 2.6 3.8#

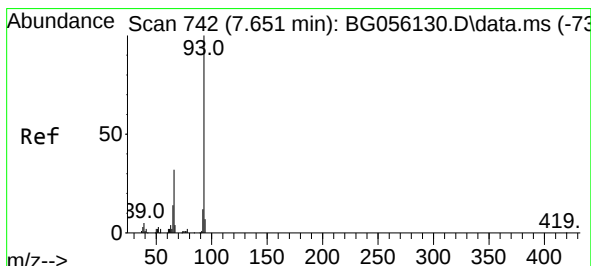
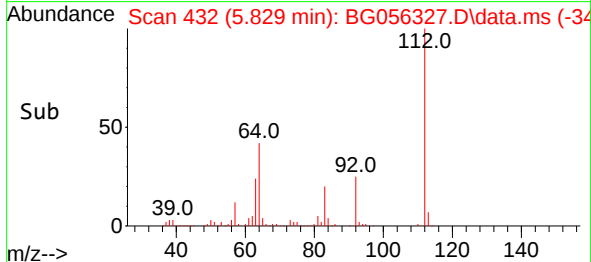
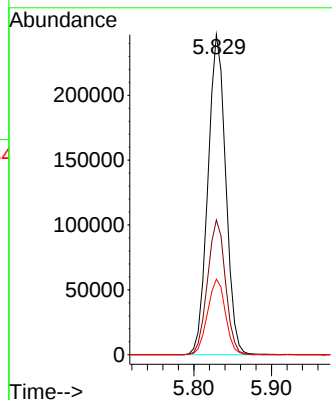
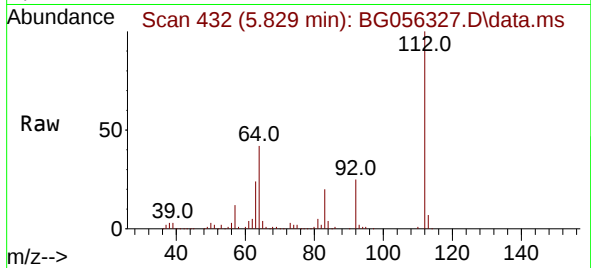




#5
2-Fluorophenol
Concen: 155.933 ng
RT: 5.829 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

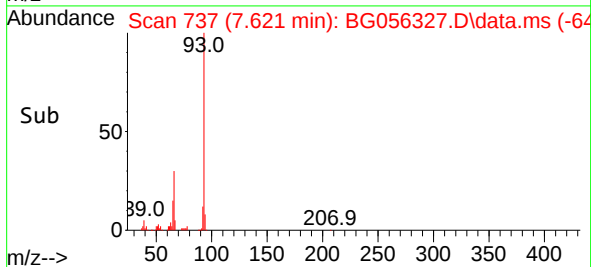
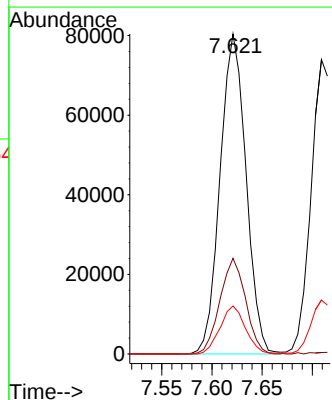
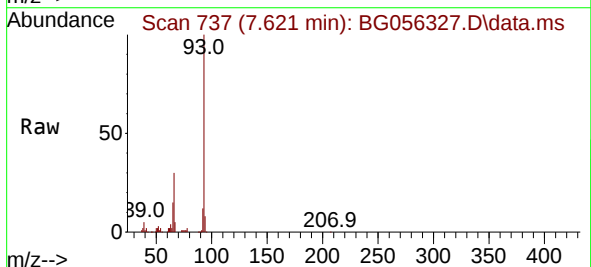
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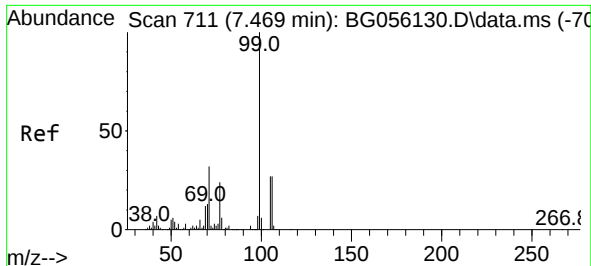
Tgt Ion:112 Resp: 392842
Ion Ratio Lower Upper
112 100
64 42.1 33.3 49.9
63 23.6 19.0 28.4



#6
Aniline
Concen: 28.487 ng
RT: 7.621 min Scan# 737
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 93 Resp: 144531
Ion Ratio Lower Upper
93 100
66 29.9 25.4 38.2
65 15.0 11.4 17.2

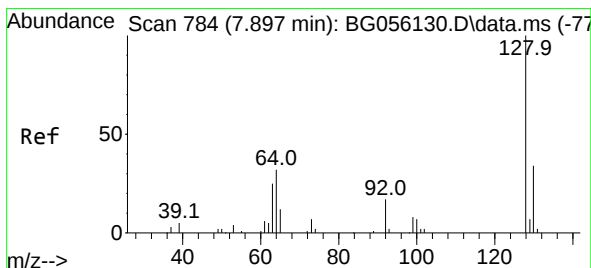
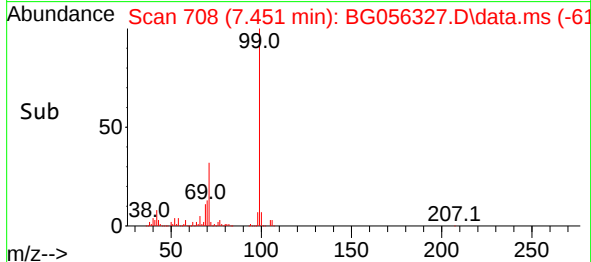
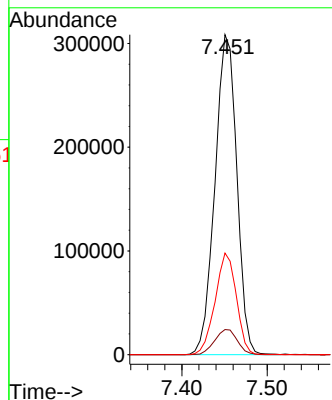
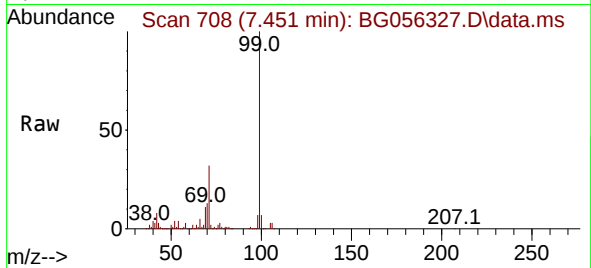




#7
Phenol-d6
Concen: 142.082 ng
RT: 7.451 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

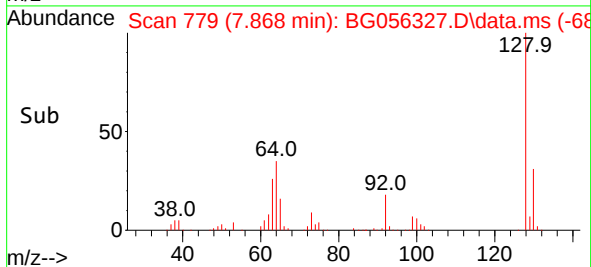
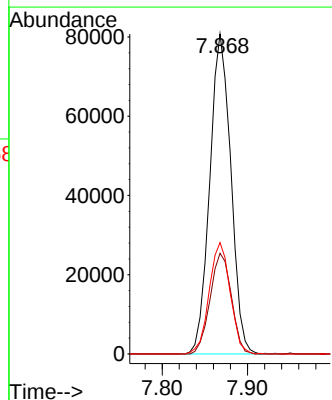
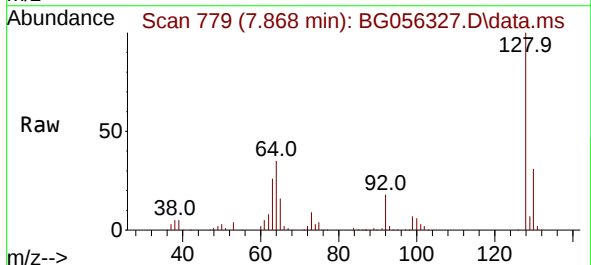
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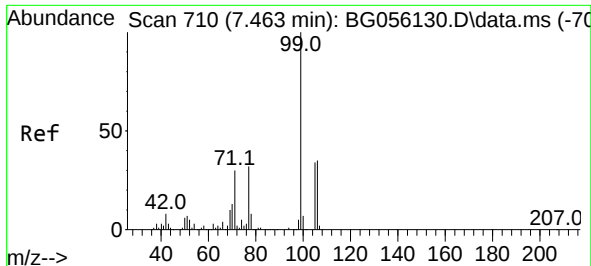
Tgt Ion: 99 Resp: 549705
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 31.7 25.4 38.2



#8
2-Chlorophenol
Concen: 55.221 ng
RT: 7.868 min Scan# 779
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 128 Resp: 138438
Ion Ratio Lower Upper
128 100
130 31.5 13.5 53.5
64 34.8 18.0 58.0

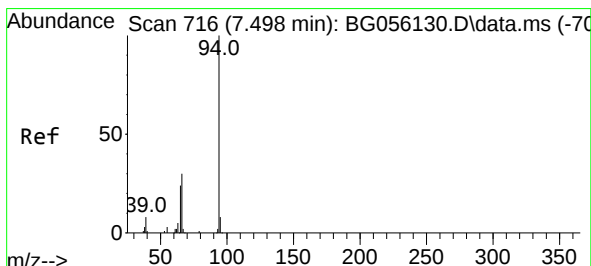
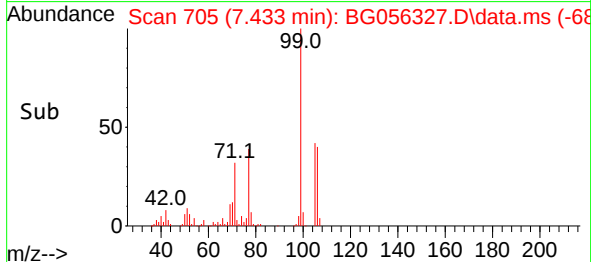
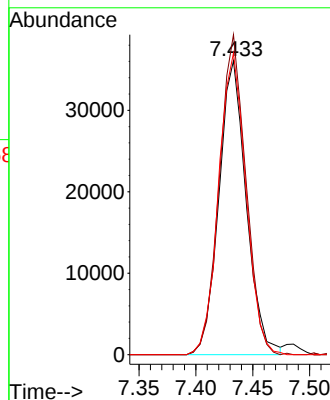
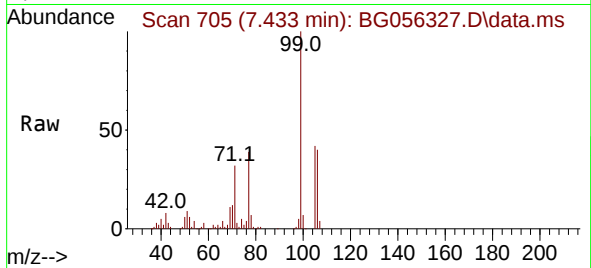




#9
Benzaldehyde
Concen: 26.211 ng
RT: 7.433 min Scan# 70
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

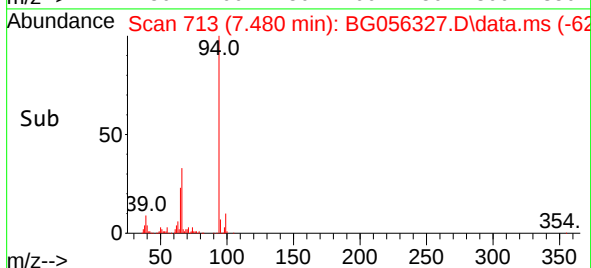
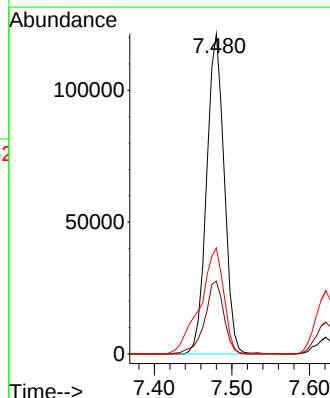
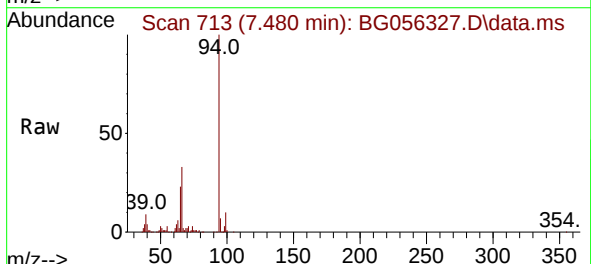
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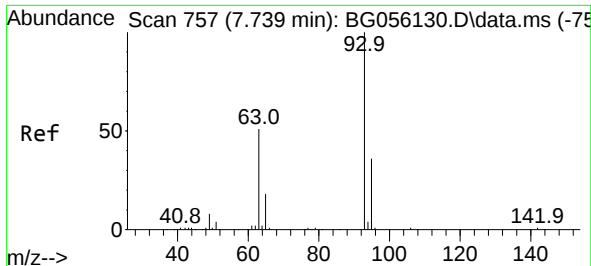
Tgt Ion: 77 Resp: 60296
Ion Ratio Lower Upper
77 100
105 108.8 86.8 126.8
106 102.7 89.3 129.3



#10
Phenol
Concen: 48.753 ng
RT: 7.480 min Scan# 713
Delta R.T. 0.003 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 94 Resp: 191288
Ion Ratio Lower Upper
94 100
65 22.8 4.3 44.3
66 33.2 13.2 53.2

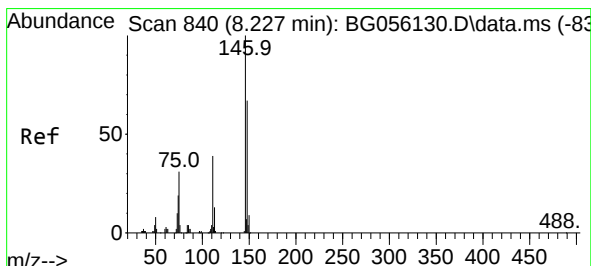
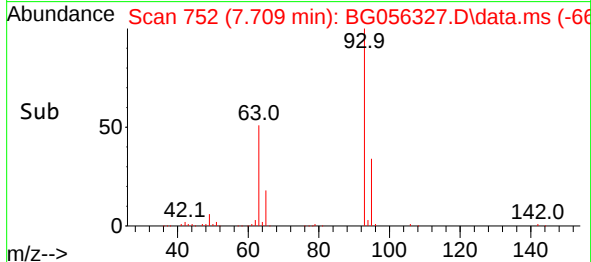
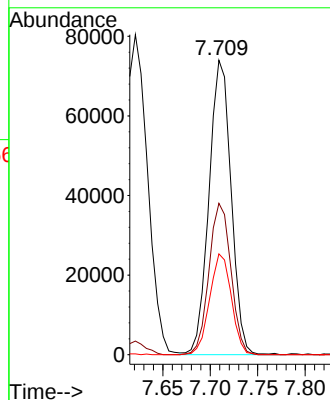
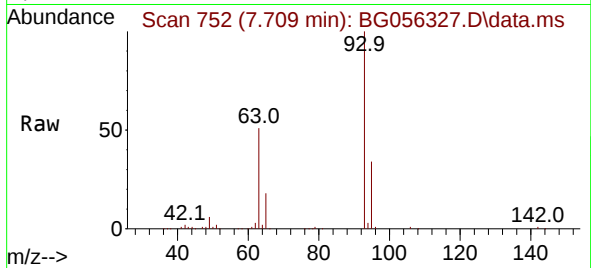




#11
bis(2-Chloroethyl)ether
Concen: 45.161 ng
RT: 7.709 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

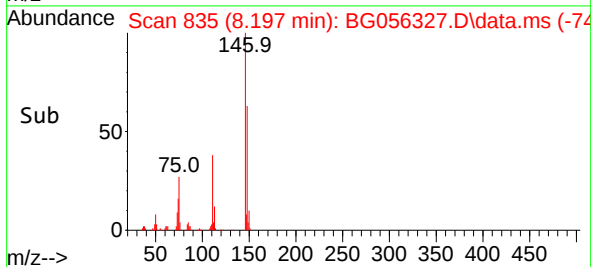
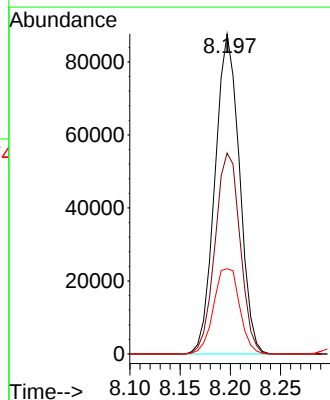
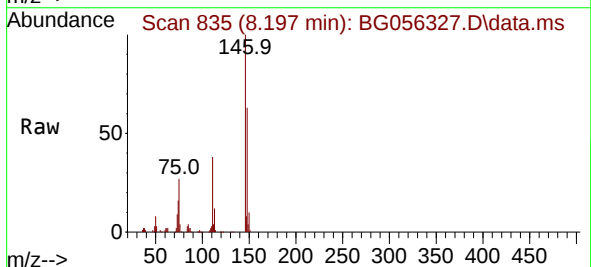
Instrument :
BNA_G
ClientSampleId :
PB150306BS

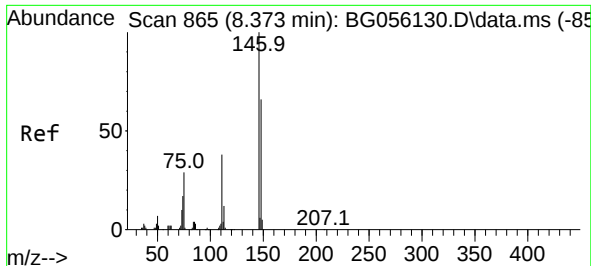
Tgt Ion: 93 Resp: 120081
Ion Ratio Lower Upper
93 100
63 51.4 30.5 70.5
95 34.3 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 48.648 ng
RT: 8.197 min Scan# 835
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 146 Resp: 148431
Ion Ratio Lower Upper
146 100
148 62.7 53.5 80.3
75 26.6 24.8 37.2

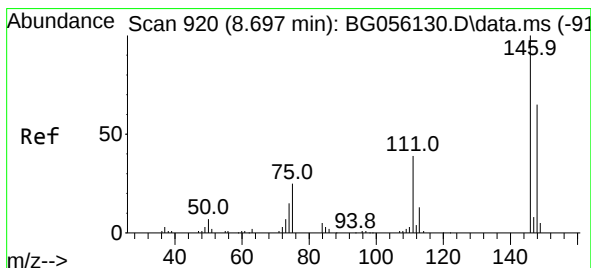
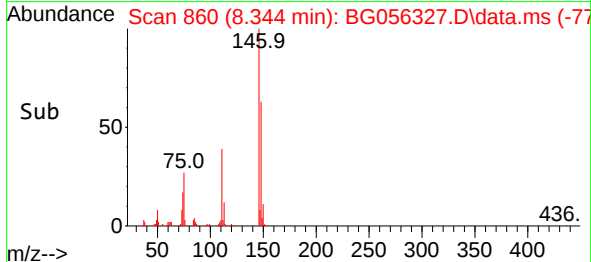
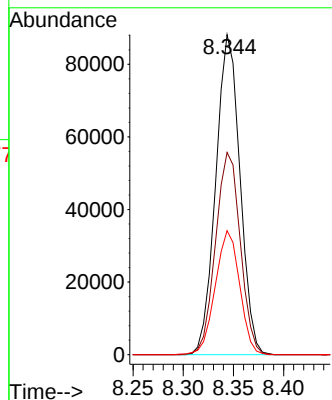
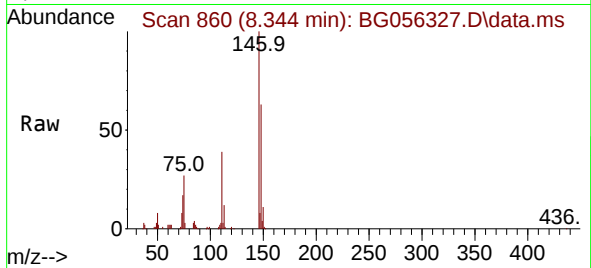




#13
1,4-Dichlorobenzene
Concen: 48.245 ng
RT: 8.344 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

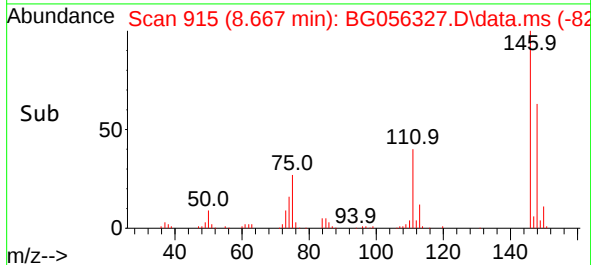
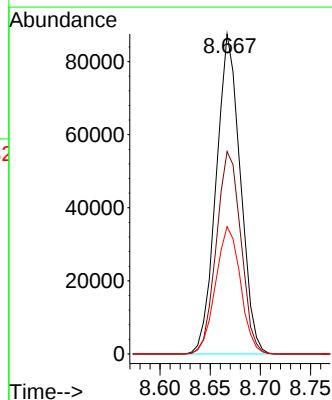
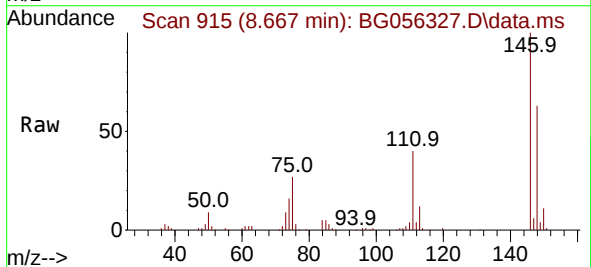
Instrument :
BNA_G
ClientSampleId :
PB150306BS

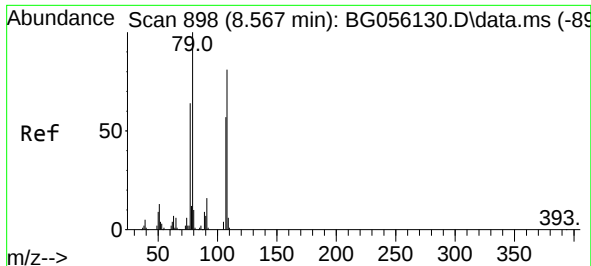
Tgt Ion:146 Resp: 147818
Ion Ratio Lower Upper
146 100
148 63.2 52.8 79.2
111 38.7 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 49.522 ng
RT: 8.667 min Scan# 915
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:146 Resp: 146403
Ion Ratio Lower Upper
146 100
148 63.3 51.7 77.5
111 39.8 31.5 47.3

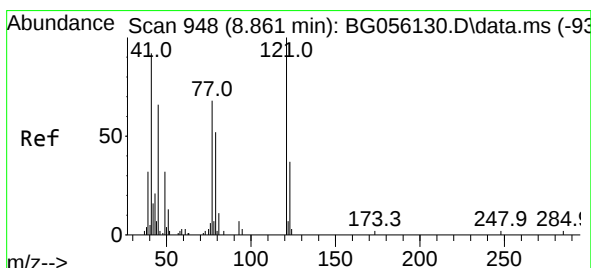
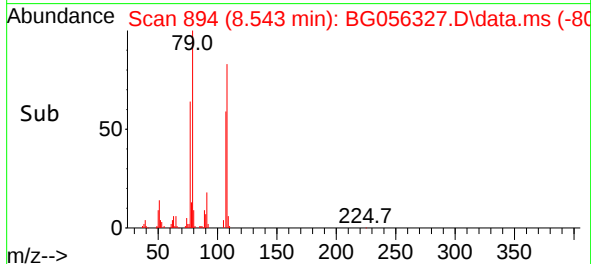
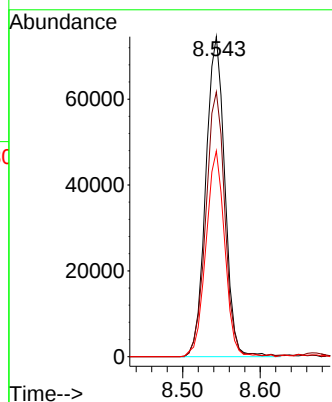
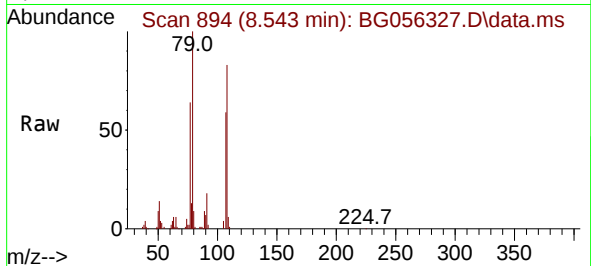




#15
Benzyl Alcohol
Concen: 45.109 ng
RT: 8.543 min Scan# 898
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

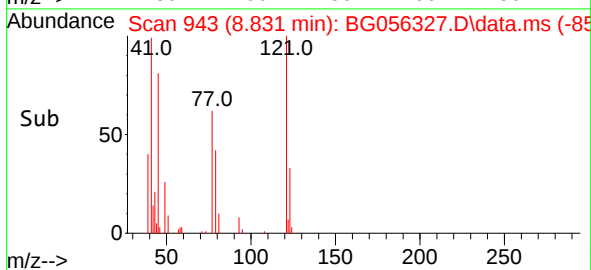
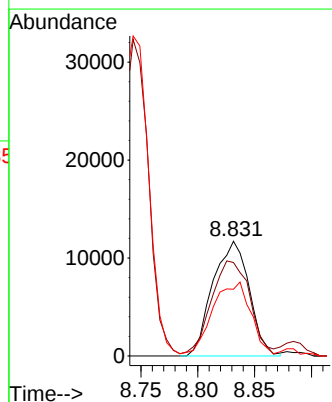
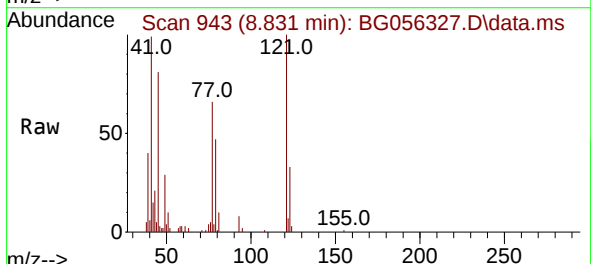
Instrument :
BNA_G
ClientSampleId :
PB150306BS

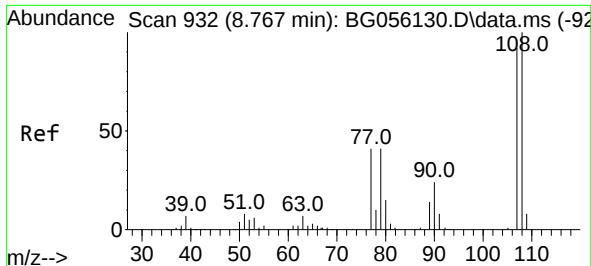
Tgt Ion: 79 Resp: 127016
Ion Ratio Lower Upper
79 100
108 82.8 64.7 97.1
77 64.3 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.492 ng
RT: 8.831 min Scan# 943
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

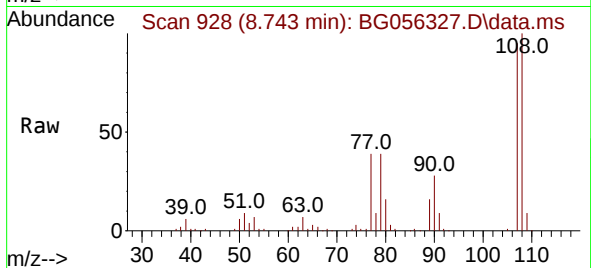
Tgt Ion: 45 Resp: 26074
Ion Ratio Lower Upper
45 100
77 81.5 88.2 128.2#
79 58.2 61.2 101.2#



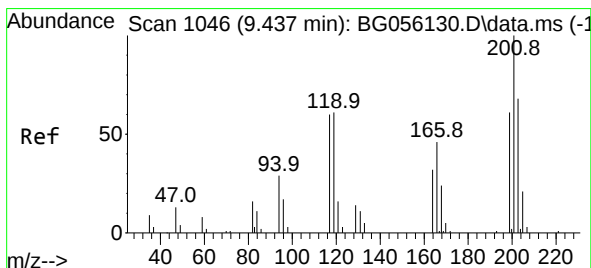
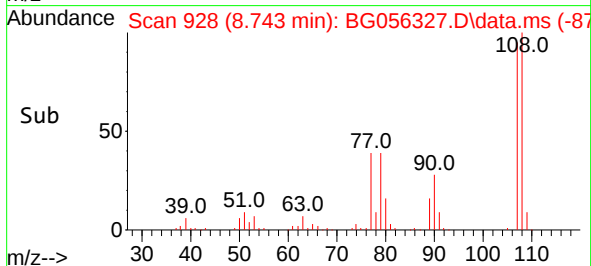
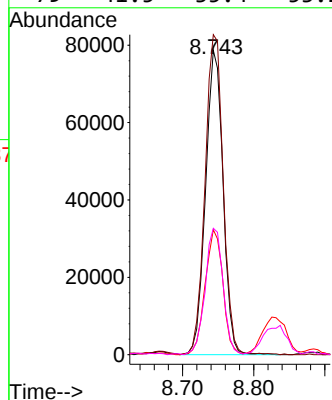


#17
2-Methylphenol
Concen: 46.831 ng
RT: 8.743 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Instrument :
BNA_G
ClientSampleId :
PB150306BS

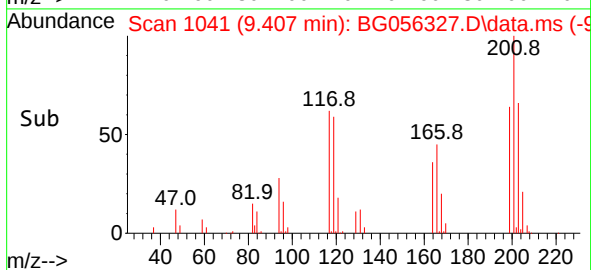
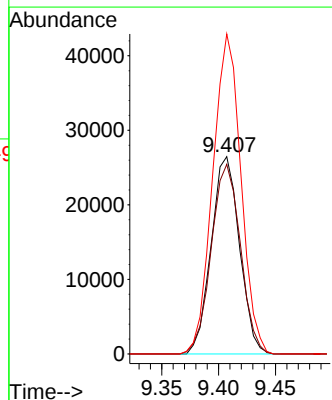
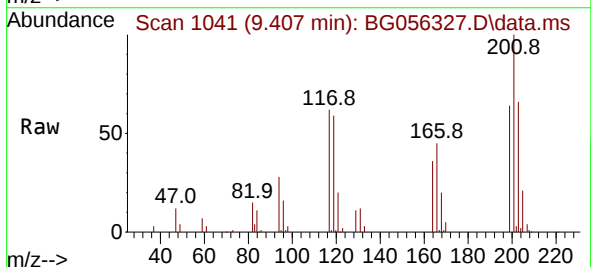


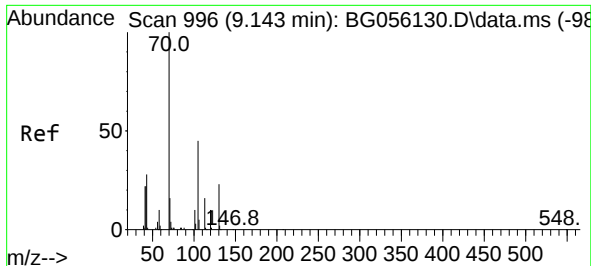
Tgt Ion:	107	Resp:	134830
Ion	Ratio	Lower	Upper
107	100		
108	105.2	86.6	129.8
77	41.1	35.4	53.2
79	41.5	35.4	53.2



#18
Hexachloroethane
Concen: 49.203 ng
RT: 9.407 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:	117	Resp:	45797
Ion	Ratio	Lower	Upper
117	100		
119	94.7	81.8	122.6
201	159.8	134.2	201.2

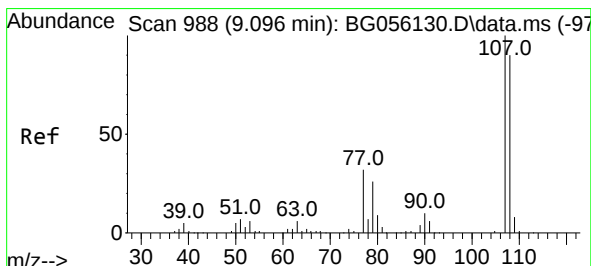
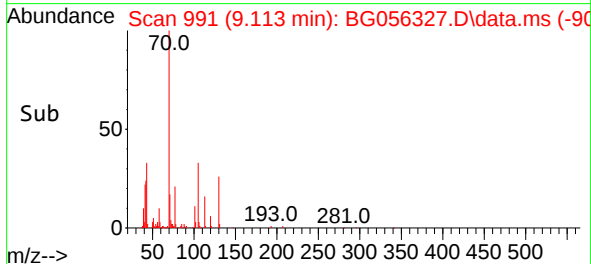
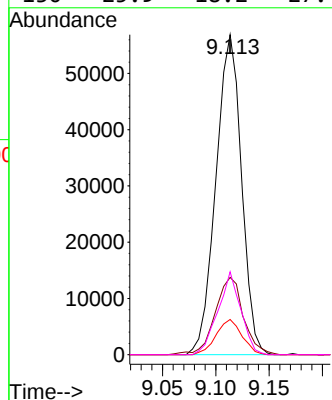
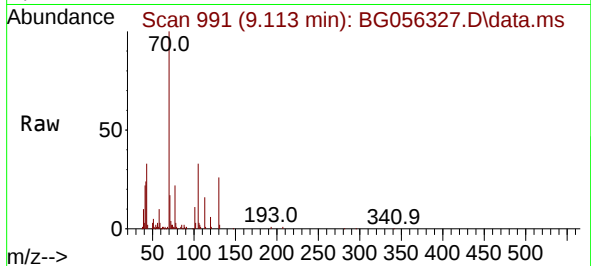




#19
n-Nitroso-di-n-propylamine
Concen: 40.323 ng
RT: 9.113 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

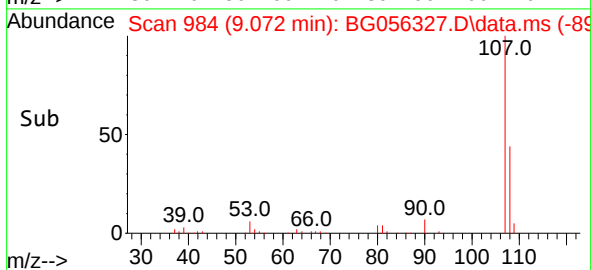
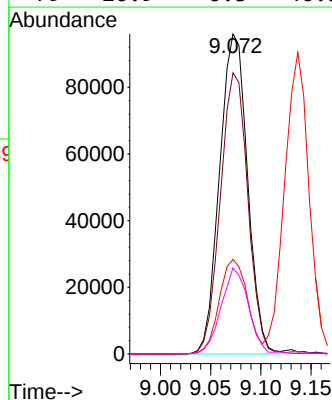
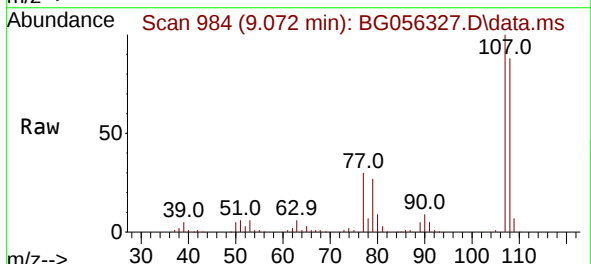
Instrument :
BNA_G
ClientSampleId :
PB150306BS

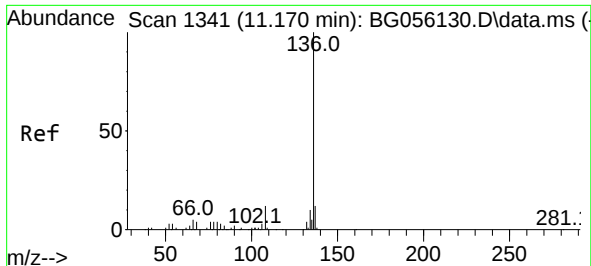
Tgt Ion:	70	Resp:	94865
Ion	Ratio	Lower	Upper
70	100		
42	24.1	18.2	27.2
101	11.0	8.3	12.5
130	25.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 45.830 ng
RT: 9.072 min Scan# 984
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:	107	Resp:	185510
Ion	Ratio	Lower	Upper
107	100		
108	87.9	69.6	109.6
77	29.6	11.7	51.7
79	26.9	6.3	46.3

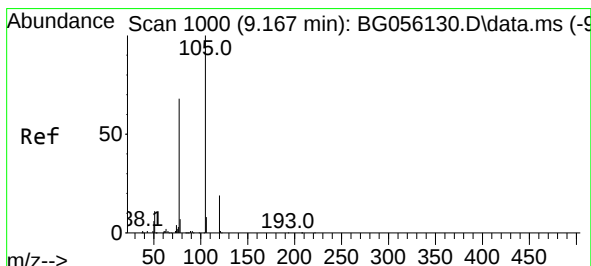
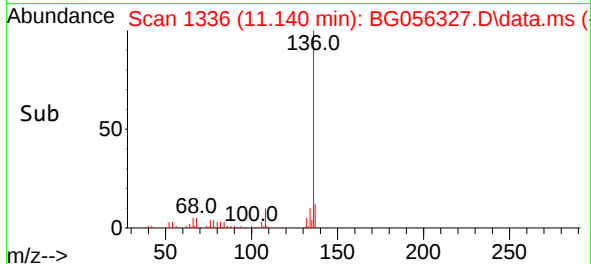
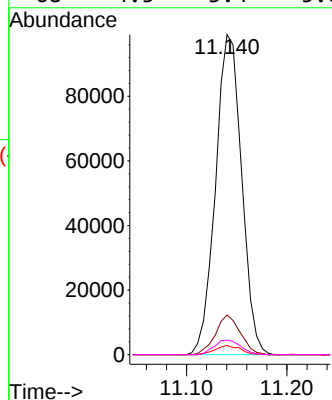
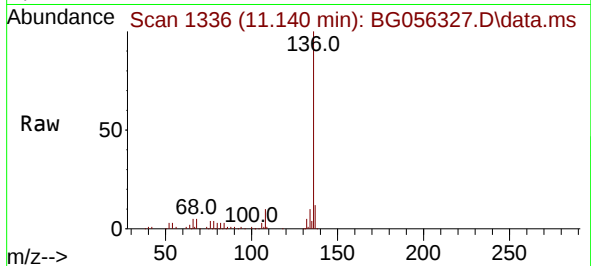




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.140 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

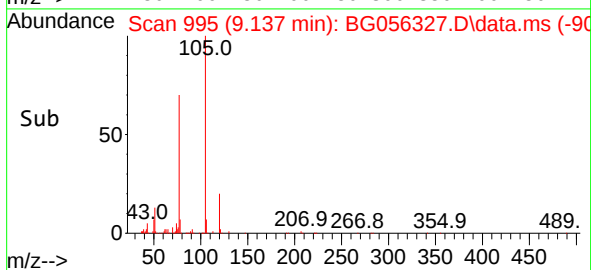
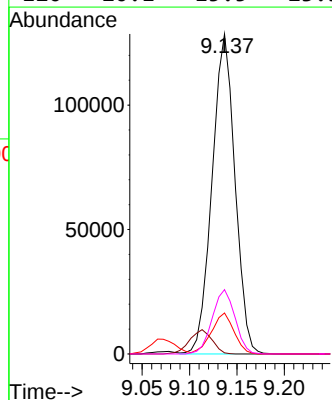
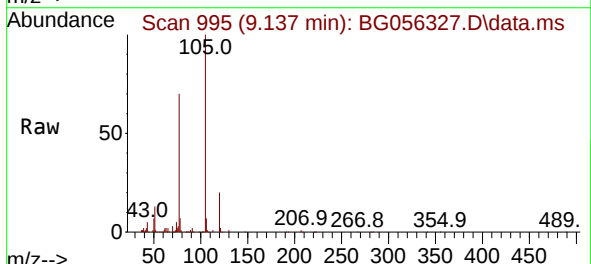
Instrument :
BNA_G
ClientSampleId :
PB150306BS

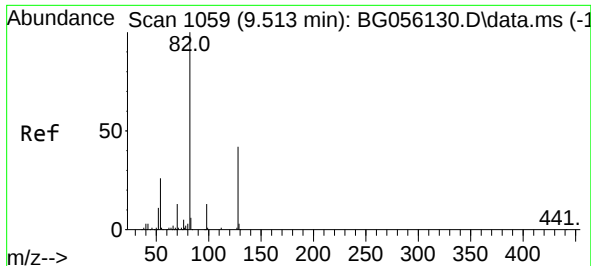
Tgt Ion:	136	Resp:	178649
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.4	14.0
54	2.9	2.2	3.2
68	4.5	3.4	5.0



#22
Acetophenone
Concen: 42.781 ng
RT: 9.137 min Scan# 995
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:	105	Resp:	216099
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.5	0.7#
51	12.8	9.3	13.9
120	20.1	15.5	23.3

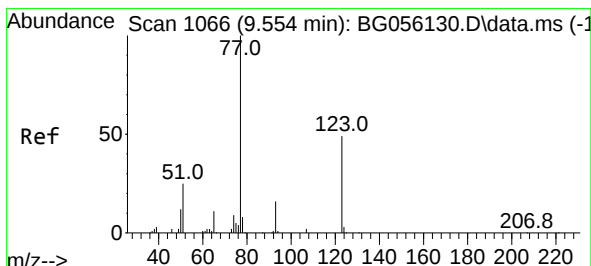
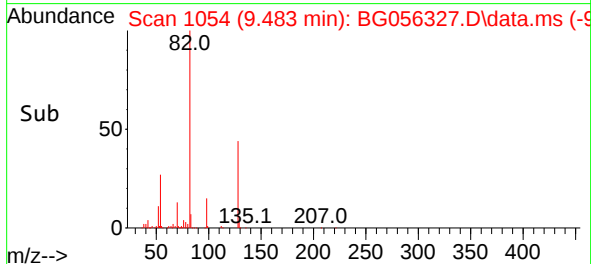
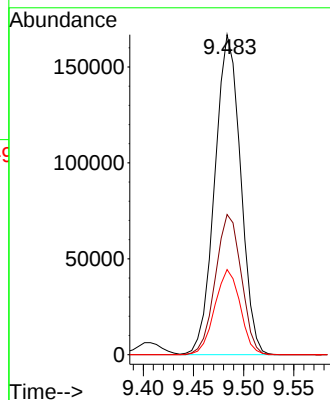
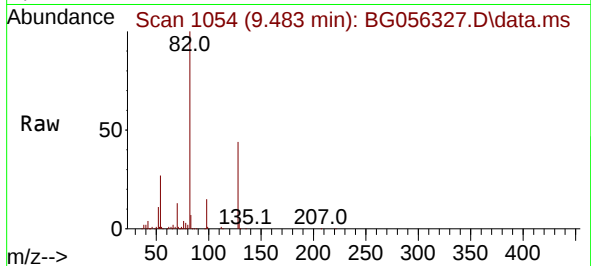




#23
Nitrobenzene-d5
Concen: 85.499 ng
RT: 9.483 min Scan# 1054
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

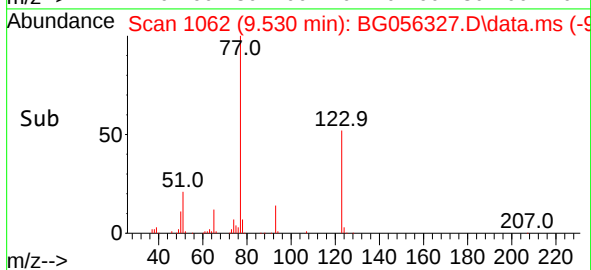
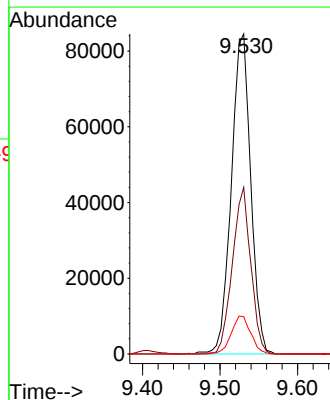
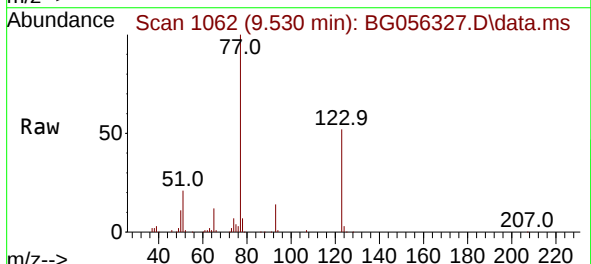
Instrument :
BNA_G
ClientSampleId :
PB150306BS

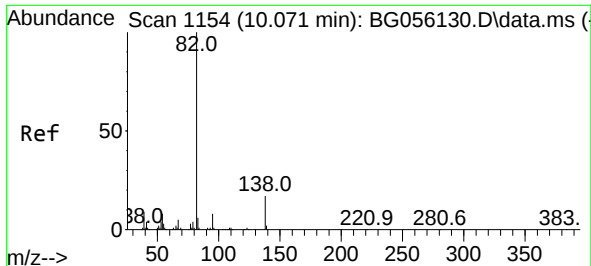
Tgt Ion: 82 Resp: 298609
Ion Ratio Lower Upper
82 100
128 43.8 33.4 50.2
54 26.6 20.3 30.5



#24
Nitrobenzene
Concen: 42.488 ng
RT: 9.530 min Scan# 1062
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 77 Resp: 147057
Ion Ratio Lower Upper
77 100
123 52.1 38.8 58.2
65 11.6 9.1 13.7

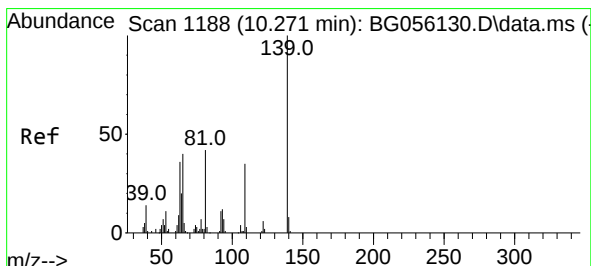
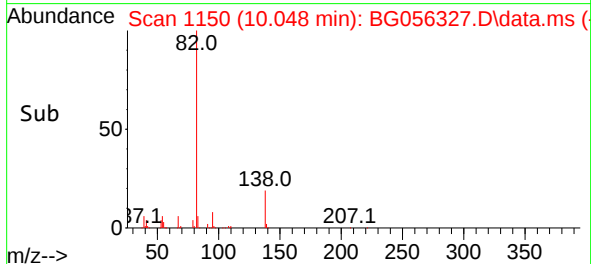
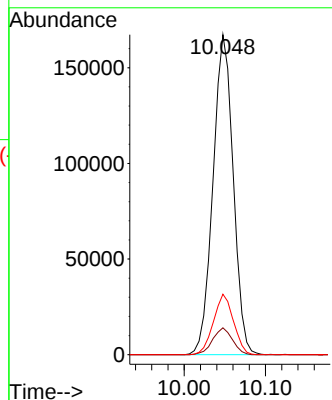
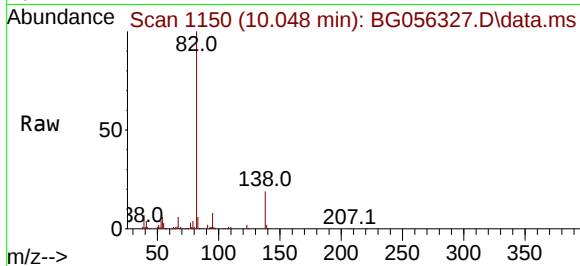




#25
Isophorone
Concen: 39.370 ng
RT: 10.048 min Scan# 1150
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

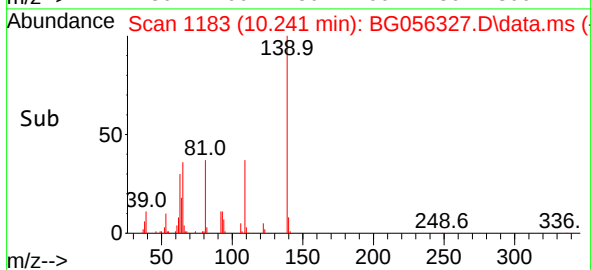
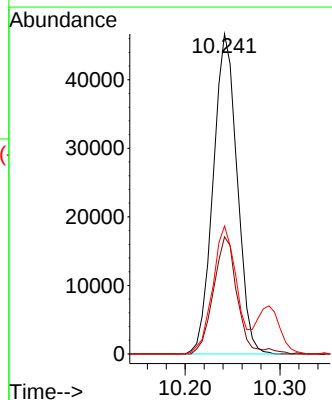
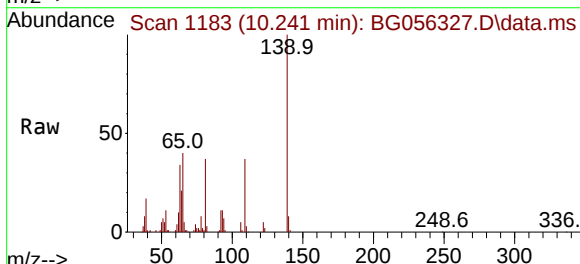
Instrument :
BNA_G
ClientSampleId :
PB150306BS

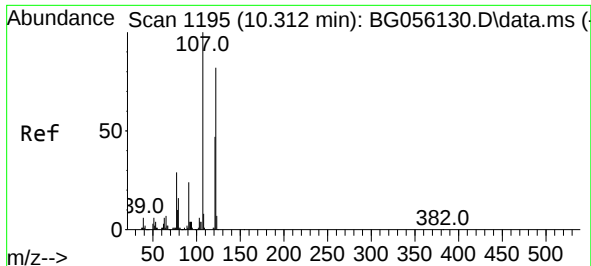
Tgt Ion: 82 Resp: 289306
Ion Ratio Lower Upper
82 100
95 8.4 6.7 10.1
138 18.9 13.7 20.5



#26
2-Nitrophenol
Concen: 46.231 ng
RT: 10.241 min Scan# 1183
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 139 Resp: 81869
Ion Ratio Lower Upper
139 100
109 36.6 28.4 42.6
65 40.0 32.1 48.1

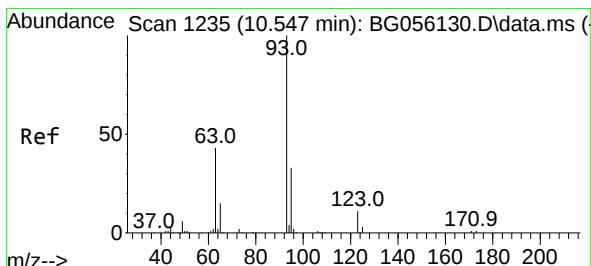
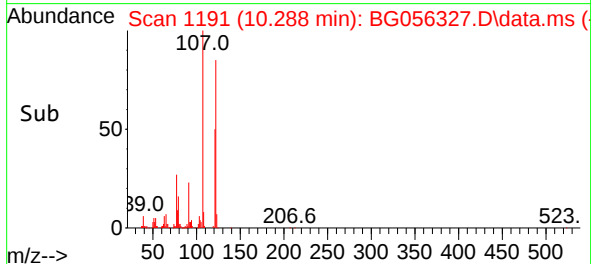
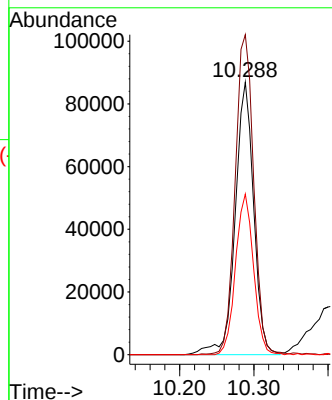
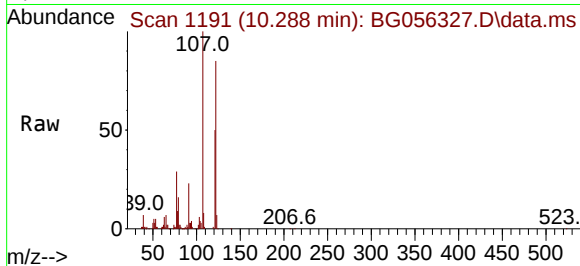




#27
2,4-Dimethylphenol
Concen: 46.626 ng
RT: 10.288 min Scan# 1191
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

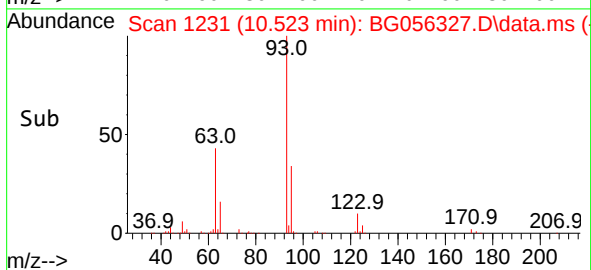
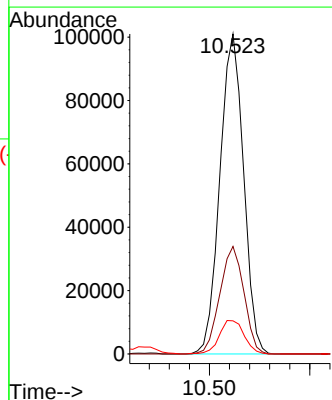
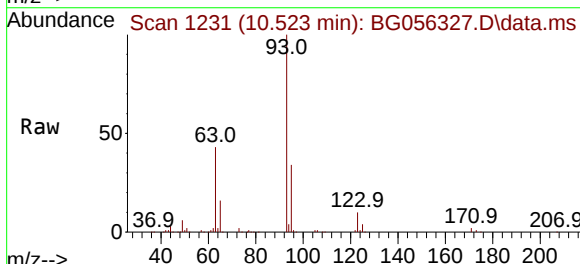
Instrument :
BNA_G
ClientSampleId :
PB150306BS

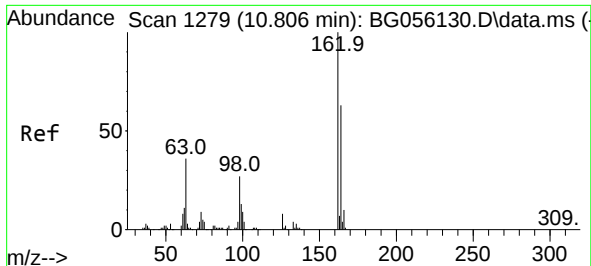
Tgt Ion:122 Resp: 150601
Ion Ratio Lower Upper
122 100
107 117.5 97.5 146.3
121 59.0 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 43.260 ng
RT: 10.523 min Scan# 1231
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 93 Resp: 165222
Ion Ratio Lower Upper
93 100
95 33.6 26.2 39.2
123 10.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 47.880 ng

RT: 10.782 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

Instrument :

BNA_G

ClientSampleId :

PB150306BS

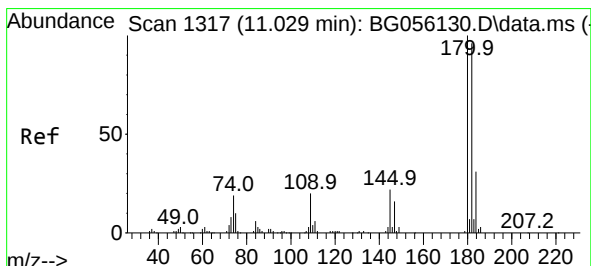
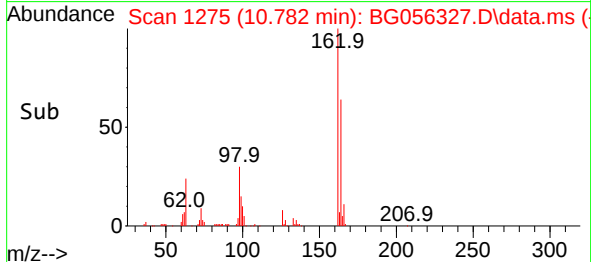
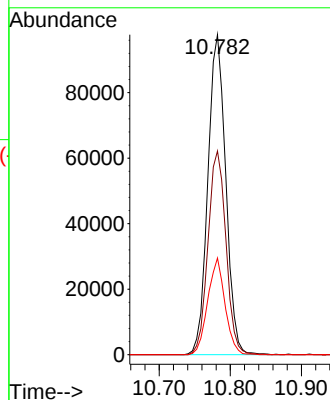
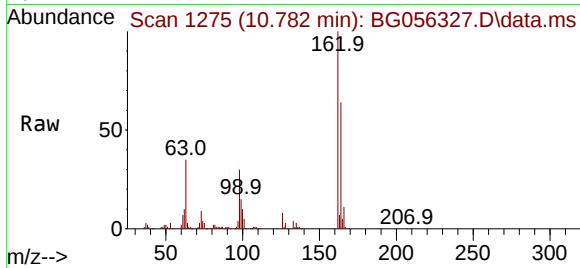
Tgt Ion:162 Resp: 170975

Ion Ratio Lower Upper

162 100

164 63.7 43.3 83.3

98 30.2 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 45.193 ng

RT: 10.999 min Scan# 1312

Delta R.T. -0.002 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

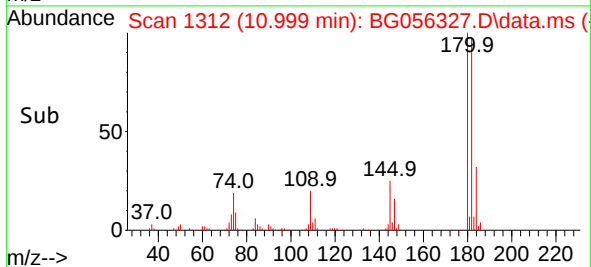
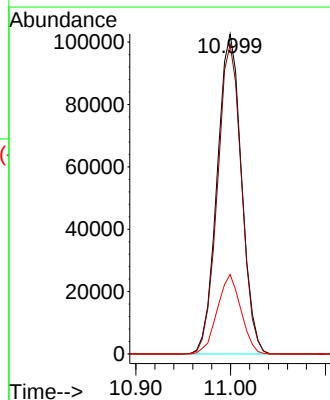
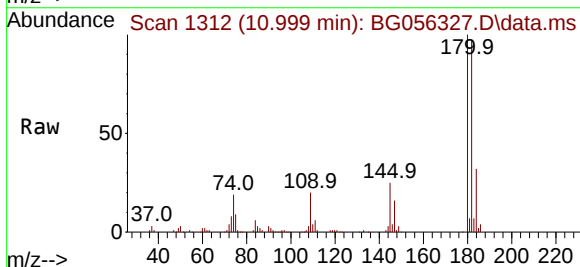
Tgt Ion:180 Resp: 183133

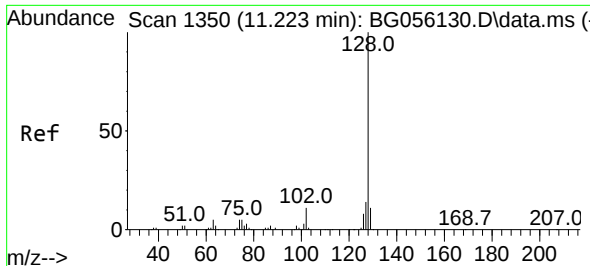
Ion Ratio Lower Upper

180 100

182 96.7 77.0 115.4

145 24.9 17.4 26.2

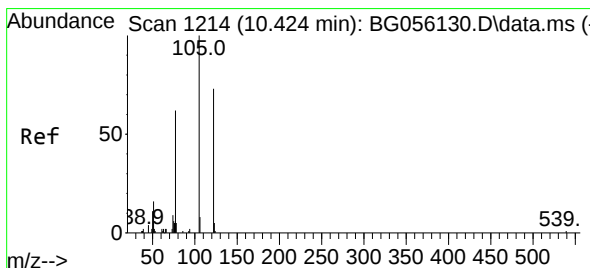
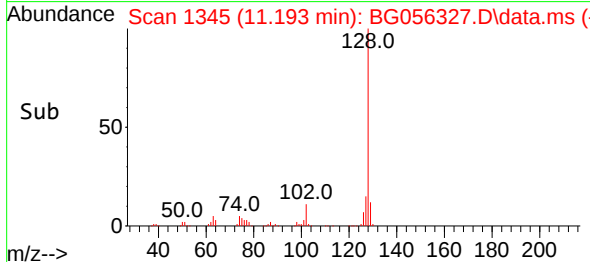
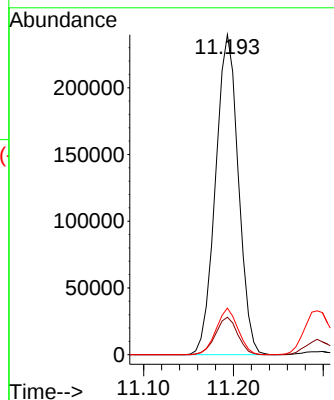
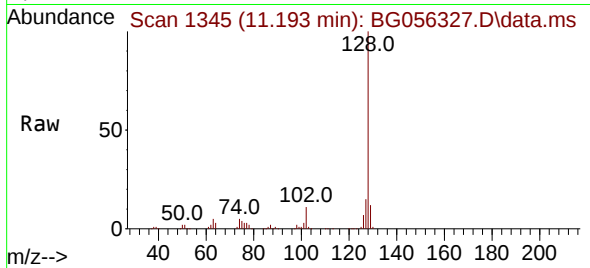




#31
Naphthalene
Concen: 45.026 ng
RT: 11.193 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

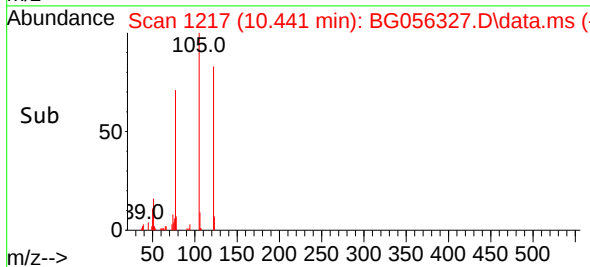
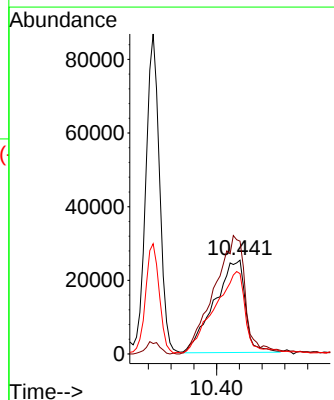
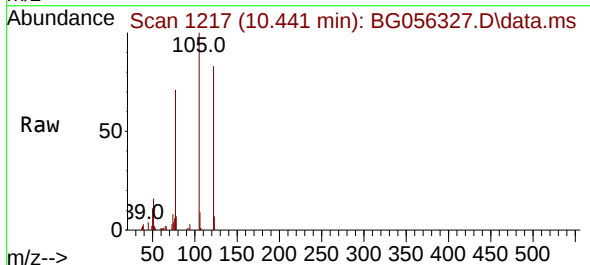
Instrument :
BNA_G
ClientSampleId :
PB150306BS

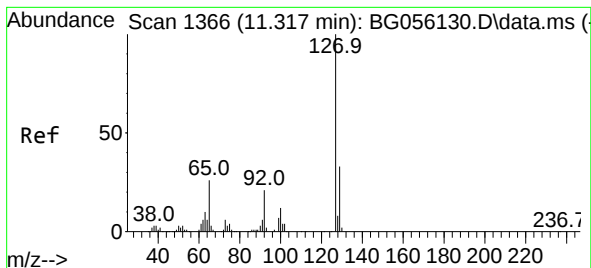
Tgt Ion:128 Resp: 423332
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 14.5 11.2 16.8



#32
Benzoic acid
Concen: 39.561 ng
RT: 10.441 min Scan# 1217
Delta R.T. 0.027 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:122 Resp: 94808
Ion Ratio Lower Upper
122 100
105 120.3 109.0 149.0
77 85.7 63.1 103.1





#33

4-Chloroaniline

Concen: 16.065 ng

RT: 11.293 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

Instrument :

BNA_G

ClientSampleId :

PB150306BS

Tgt Ion:127 Resp: 72115

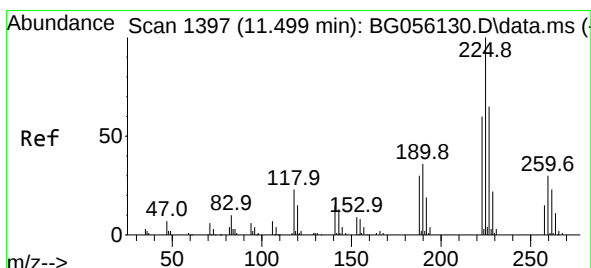
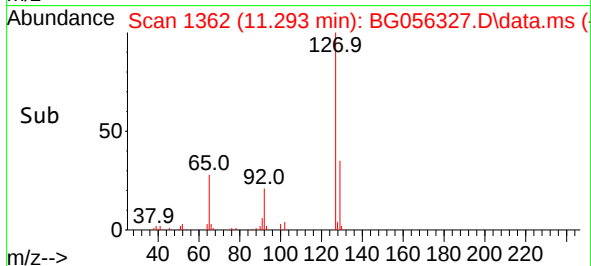
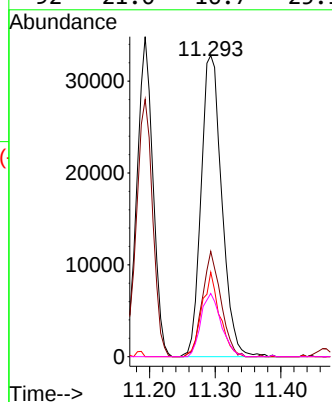
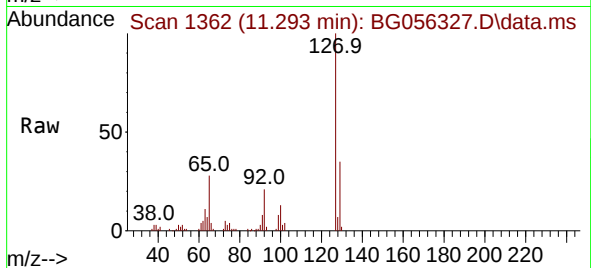
Ion Ratio Lower Upper

127 100

129 34.9 26.1 39.1

65 28.1 20.9 31.3

92 21.0 16.7 25.1



#34

Hexachlorobutadiene

Concen: 44.774 ng

RT: 11.464 min Scan# 1391

Delta R.T. -0.014 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

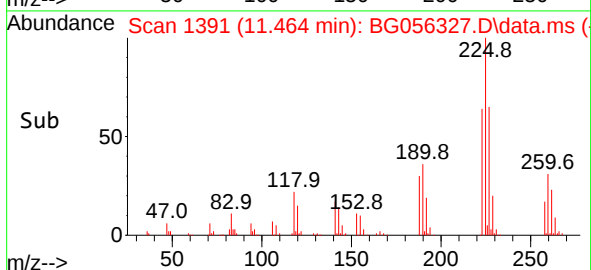
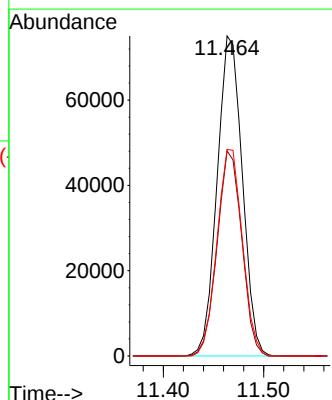
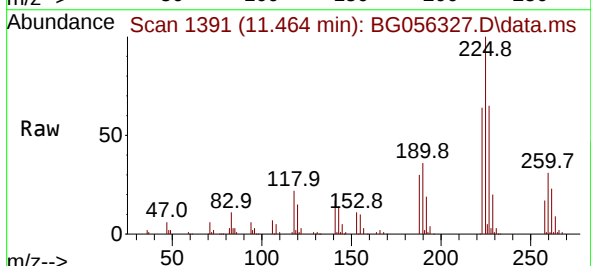
Tgt Ion:225 Resp: 130492

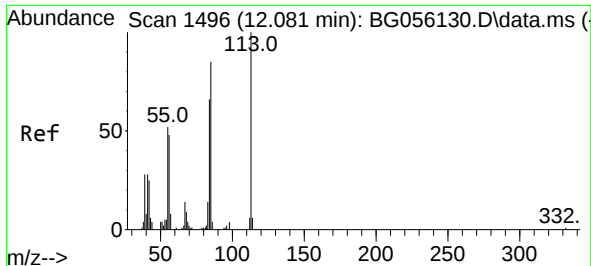
Ion Ratio Lower Upper

225 100

223 64.1 47.7 71.5

227 64.6 52.3 78.5

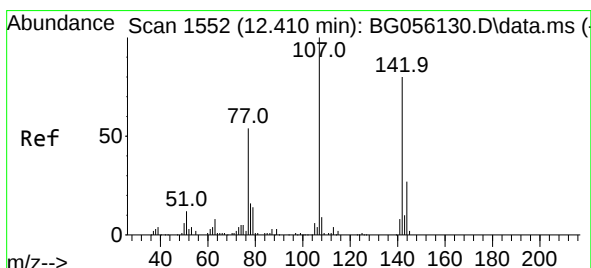
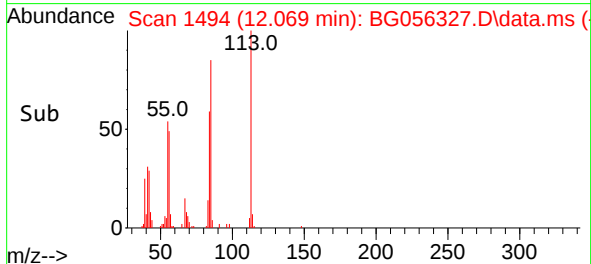
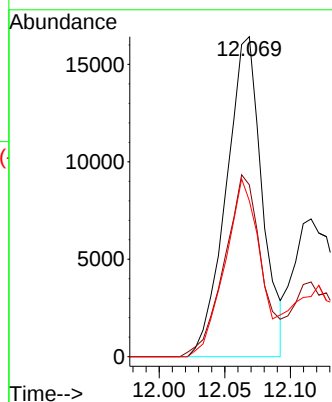
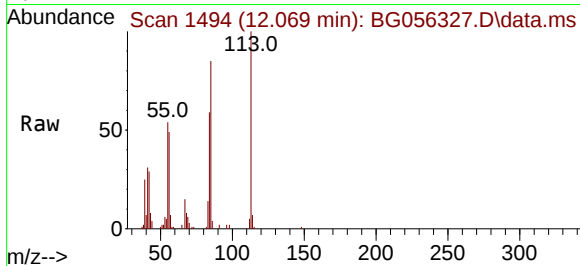




#35
 Caprolactam
 Concen: 25.875 ng
 RT: 12.069 min Scan# 1496
 Delta R.T. 0.009 min
 Lab File: BG056327.D
 Acq: 18 Jan 2023 13:47

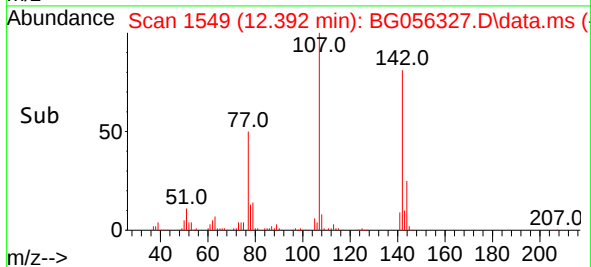
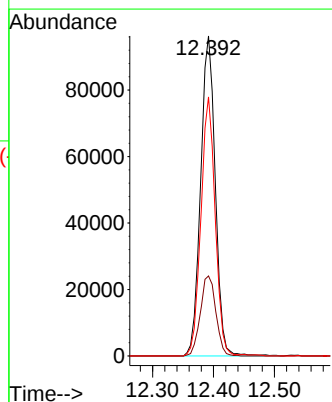
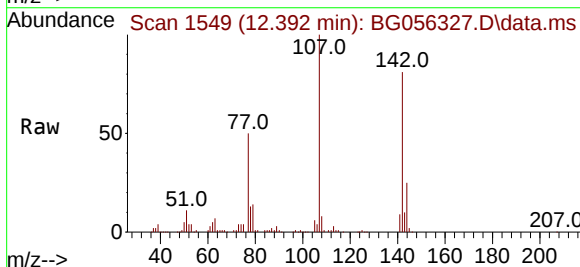
Instrument :
 BNA_G
 ClientSampleId :
 PB150306BS

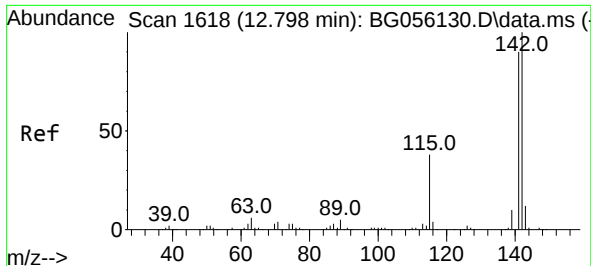
Tgt Ion:113 Resp: 31283
 Ion Ratio Lower Upper
 113 100
 55 53.7 31.9 71.9
 56 48.7 27.6 67.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.400 ng
 RT: 12.392 min Scan# 1549
 Delta R.T. 0.003 min
 Lab File: BG056327.D
 Acq: 18 Jan 2023 13:47

Tgt Ion:107 Resp: 160882
 Ion Ratio Lower Upper
 107 100
 144 25.0 21.5 32.3
 142 80.9 63.8 95.6





#37

2-Methylnaphthalene

Concen: 41.581 ng

RT: 12.774 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

Instrument :

BNA_G

ClientSampleId :

PB150306BS

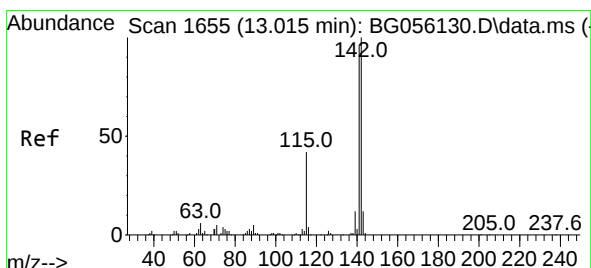
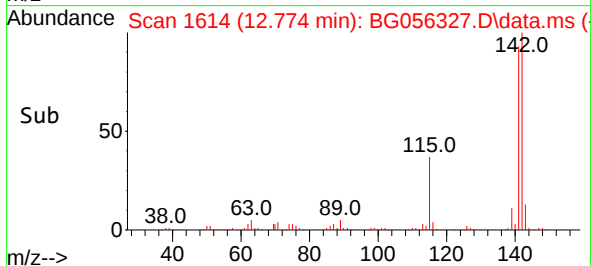
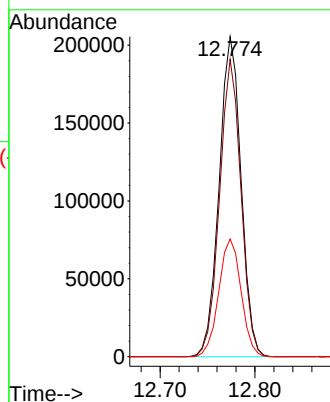
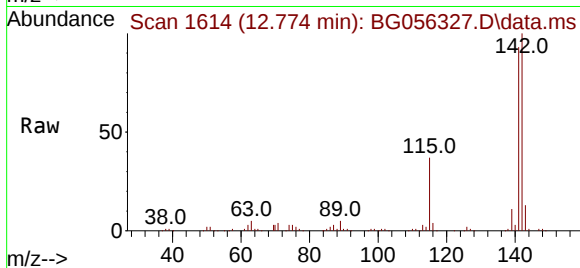
Tgt Ion:142 Resp: 330097

Ion Ratio Lower Upper

142 100

141 93.0 72.2 108.4

115 36.8 30.7 46.1



#38

1-Methylnaphthalene

Concen: 42.330 ng

RT: 12.991 min Scan# 1651

Delta R.T. -0.002 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

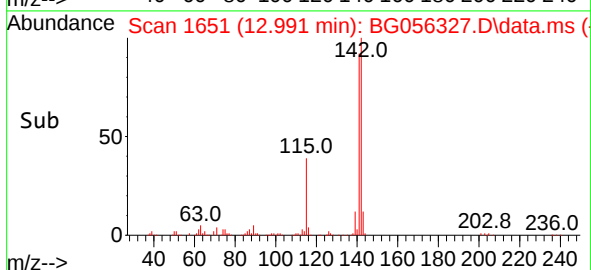
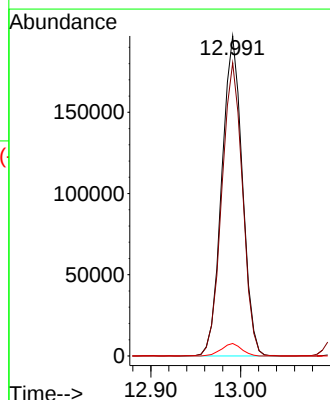
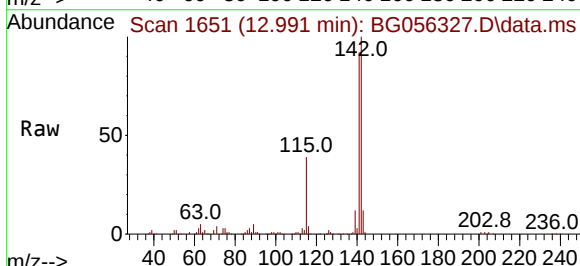
Tgt Ion:142 Resp: 312060

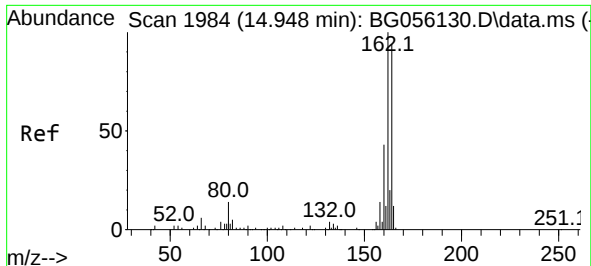
Ion Ratio Lower Upper

142 100

141 91.6 77.0 115.6

116 3.9 3.6 5.4

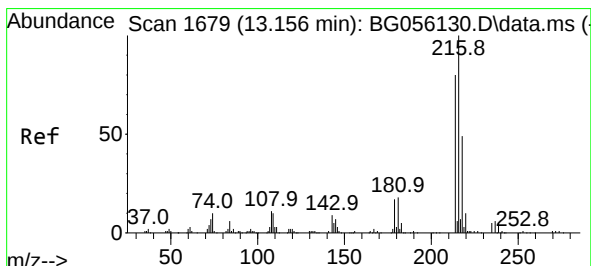
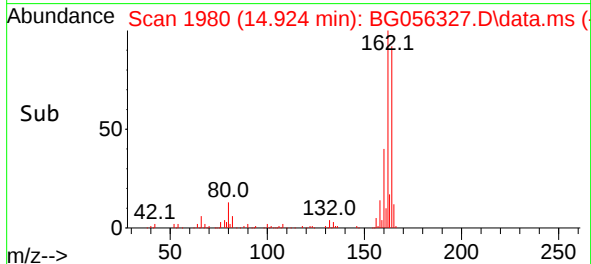
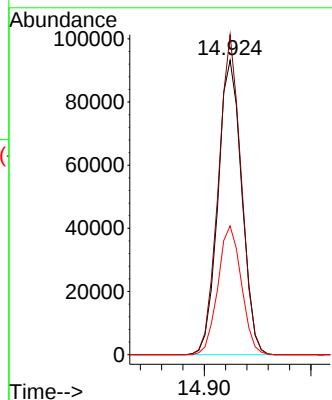
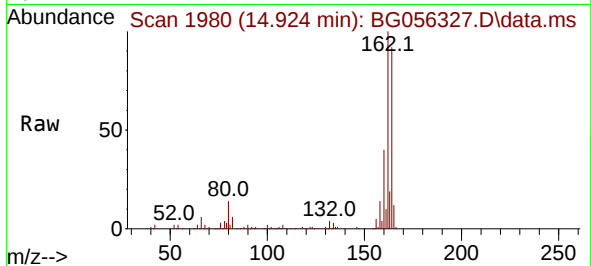




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.924 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

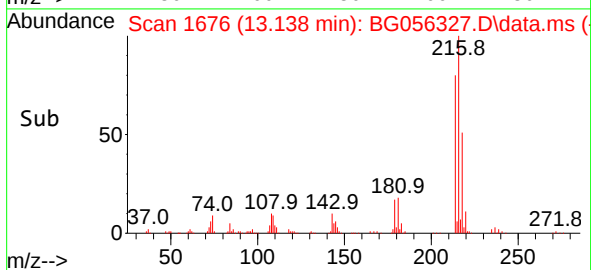
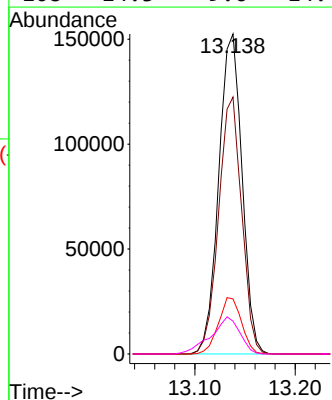
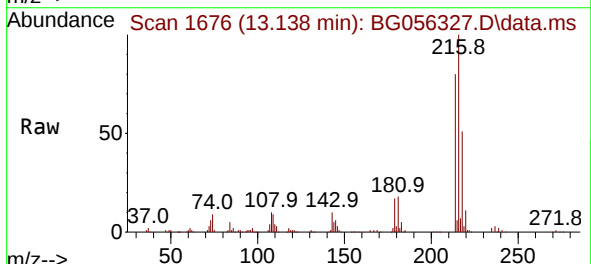
Instrument :
BNA_G
ClientSampleId :
PB150306BS

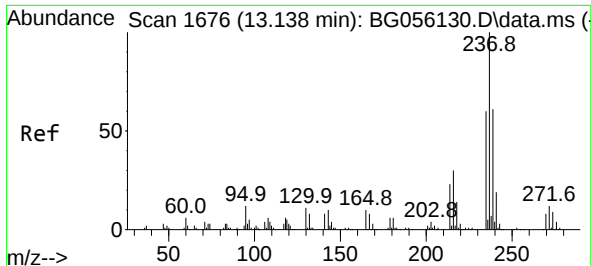
Tgt Ion:164 Resp: 143988
Ion Ratio Lower Upper
164 100
162 108.7 84.7 127.1
160 43.8 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.514 ng
RT: 13.138 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

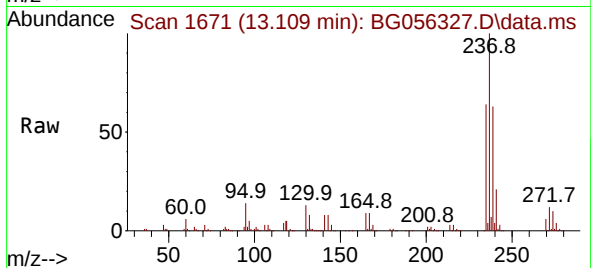
Tgt Ion:216 Resp: 245620
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 17.4 13.6 20.4
108 14.3 9.6 14.4



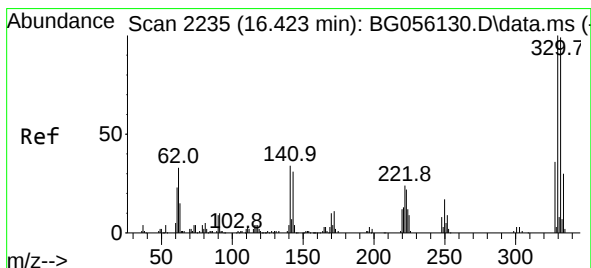
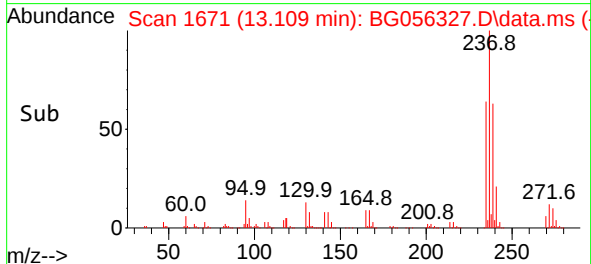
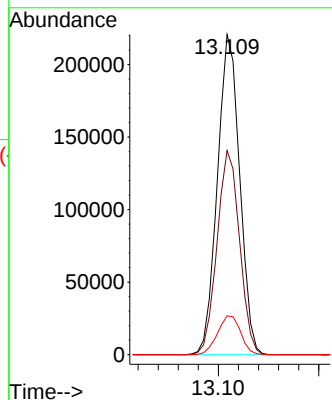


#41
Hexachlorocyclopentadiene
Concen: 110.363 ng
RT: 13.109 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Instrument :
BNA_G
ClientSampleId :
PB150306BS

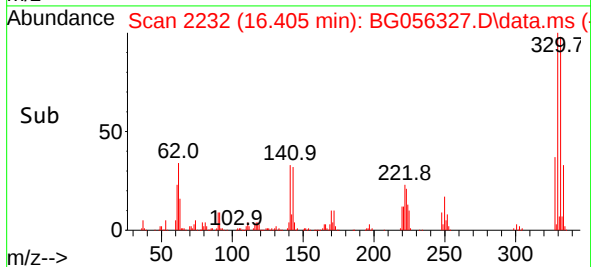
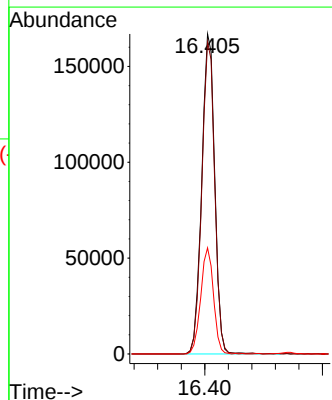
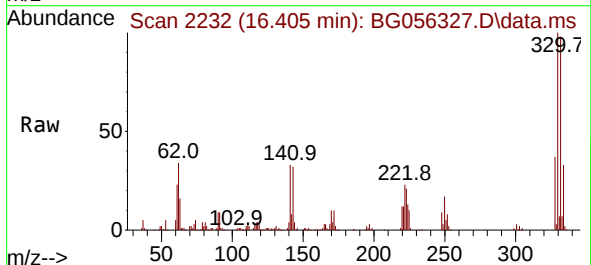


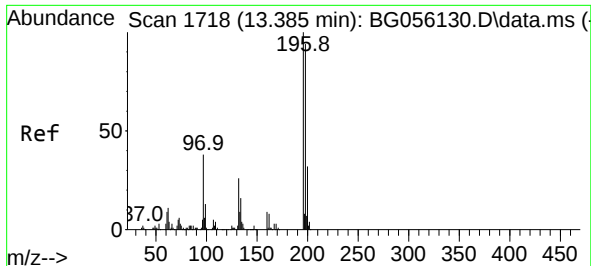
Tgt Ion:237 Resp: 339561
Ion Ratio Lower Upper
237 100
235 63.8 40.3 80.3
272 12.1 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 139.688 ng
RT: 16.405 min Scan# 2232
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:330 Resp: 254733
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 32.5 27.9 41.9

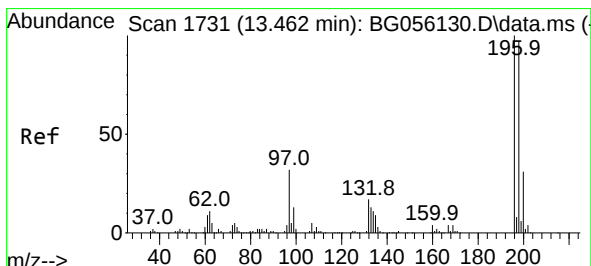
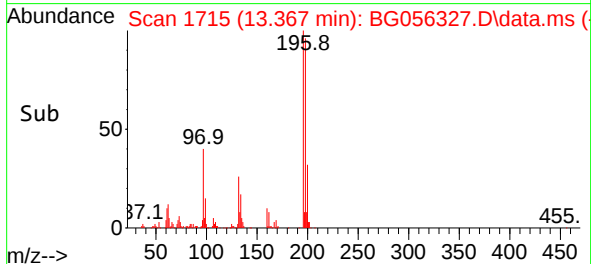
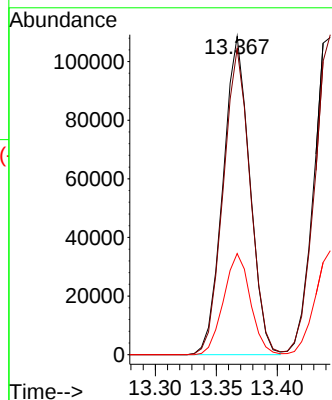
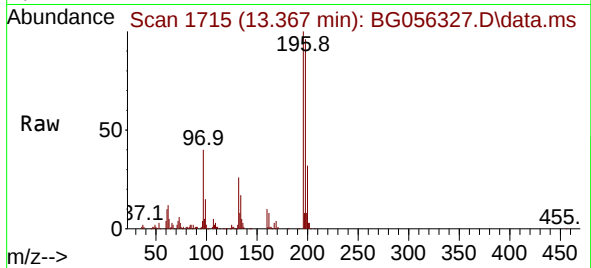




#43
2,4,6-Trichlorophenol
Concen: 46.501 ng
RT: 13.367 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

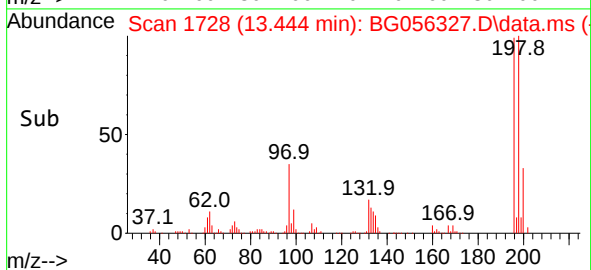
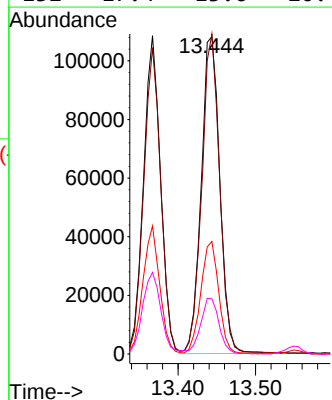
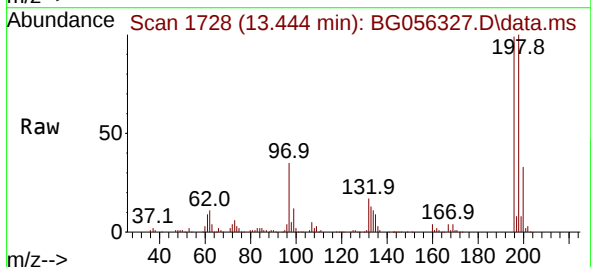
Instrument :
BNA_G
ClientSampleId :
PB150306BS

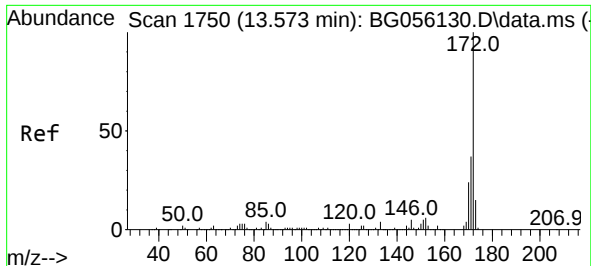
Tgt Ion:196 Resp: 165939
Ion Ratio Lower Upper
196 100
198 96.2 75.5 113.3
200 31.8 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 42.693 ng
RT: 13.444 min Scan# 1728
Delta R.T. 0.003 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

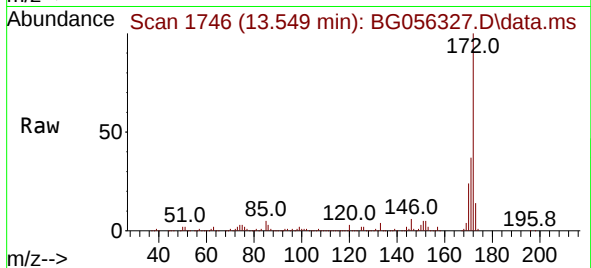
Tgt Ion:196 Resp: 180217
Ion Ratio Lower Upper
196 100
198 100.9 78.0 117.0
97 35.5 25.7 38.5
132 17.4 13.6 20.4



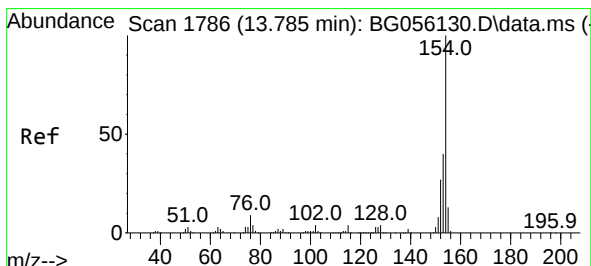
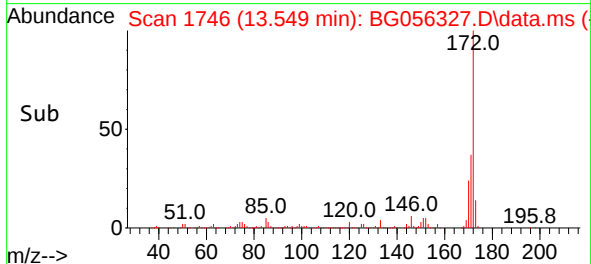
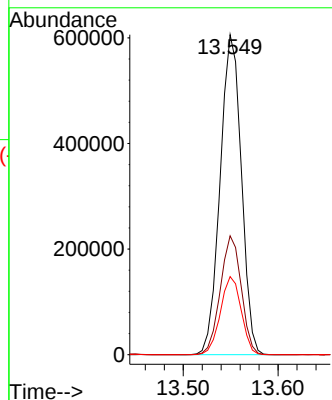


#45
2-Fluorobiphenyl
Concen: 90.458 ng
RT: 13.549 min Scan# 1746
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Instrument :
BNA_G
ClientSampleId :
PB150306BS

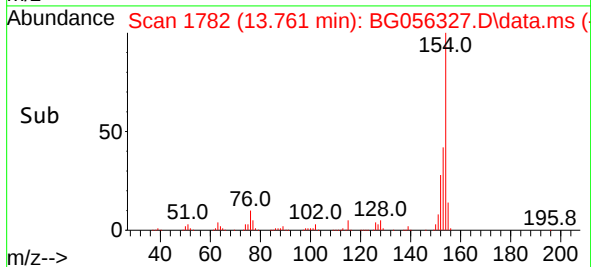
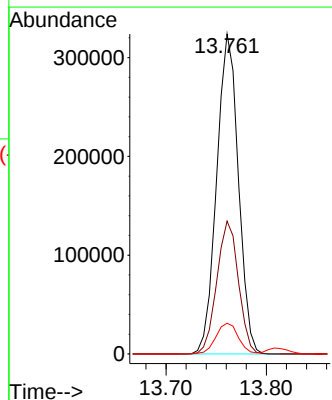
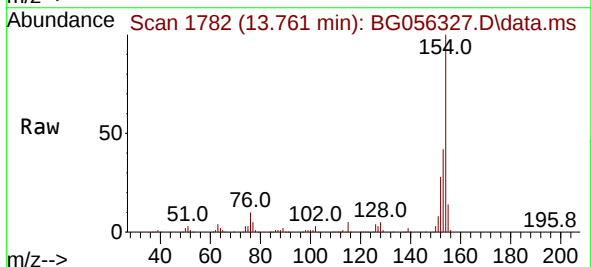


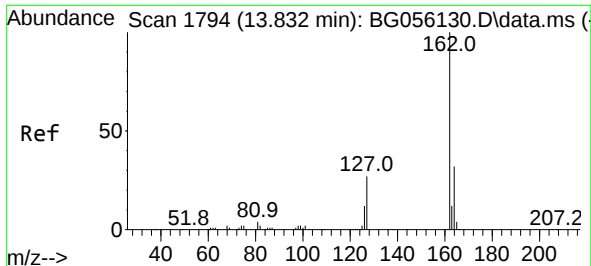
Tgt Ion:172 Resp: 943216
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.4 19.4 29.2



#46
1,1'-Biphenyl
Concen: 47.031 ng
RT: 13.761 min Scan# 1782
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:154 Resp: 484980
Ion Ratio Lower Upper
154 100
153 41.5 20.0 60.0
76 9.6 0.0 29.3

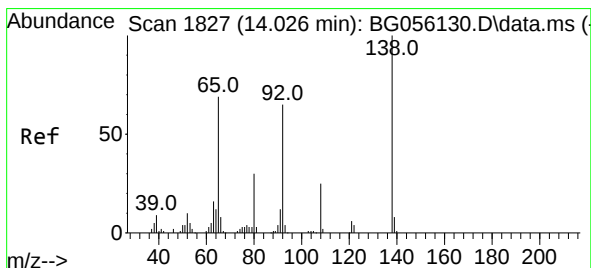
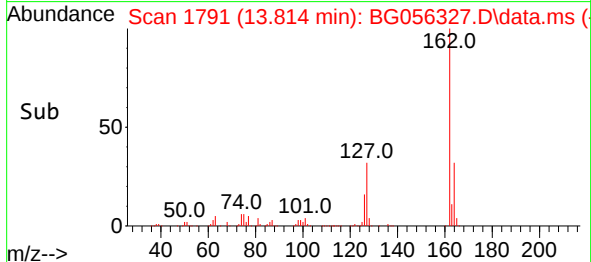
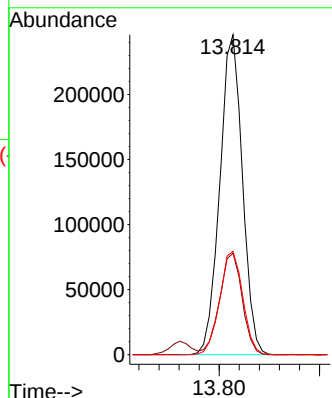
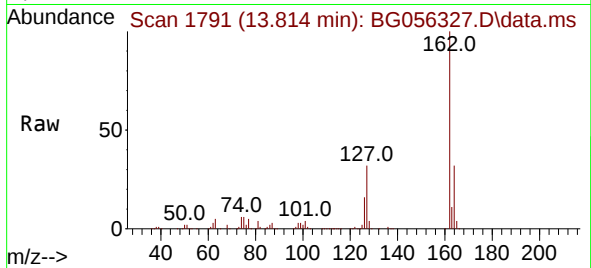




#47
2-Chloronaphthalene
Concen: 47.136 ng
RT: 13.814 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

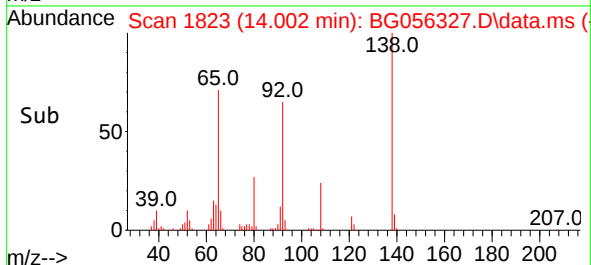
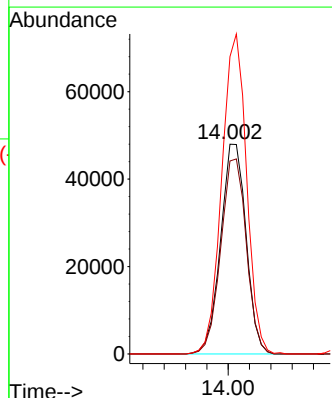
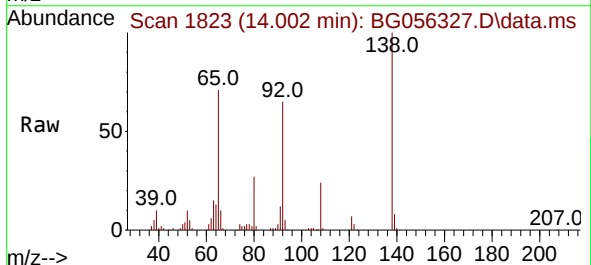
Instrument :
BNA_G
ClientSampleId :
PB150306BS

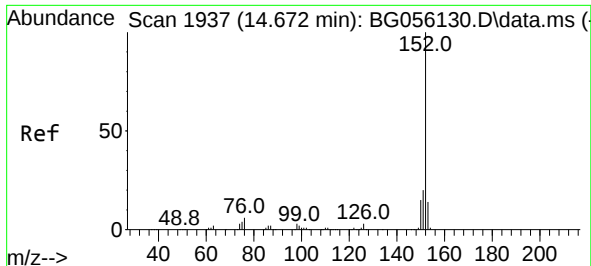
Tgt Ion:162 Resp: 383655
Ion Ratio Lower Upper
162 100
127 31.7 24.6 36.8
164 32.3 25.8 38.8



#48
2-Nitroaniline
Concen: 45.909 ng
RT: 14.002 min Scan# 1823
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 65 Resp: 79615
Ion Ratio Lower Upper
65 100
92 92.0 76.0 114.0
138 141.7 116.6 174.8

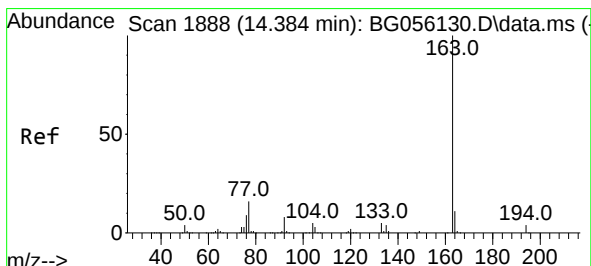
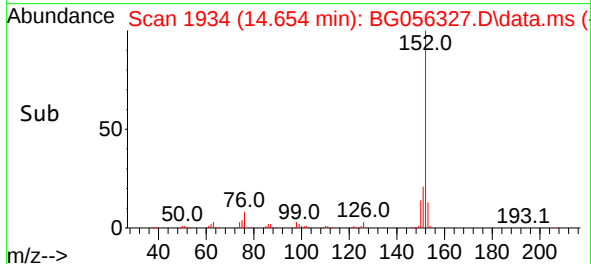
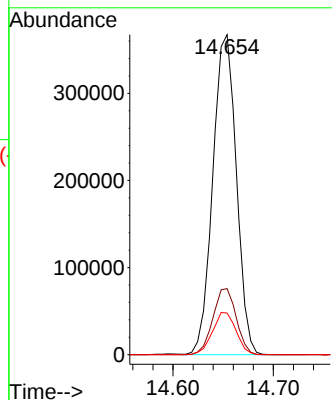
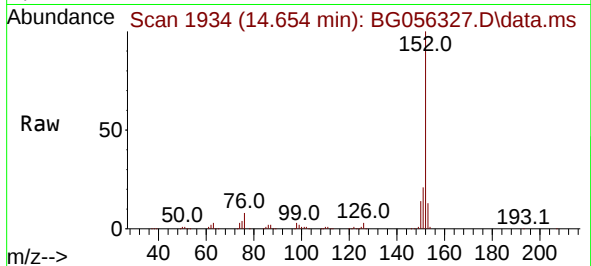




#49
Acenaphthylene
Concen: 45.214 ng
RT: 14.654 min Scan# 1934
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

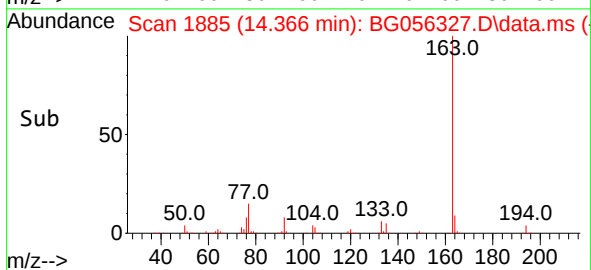
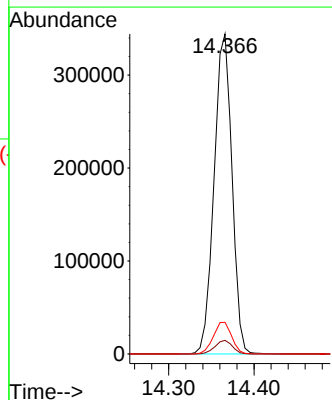
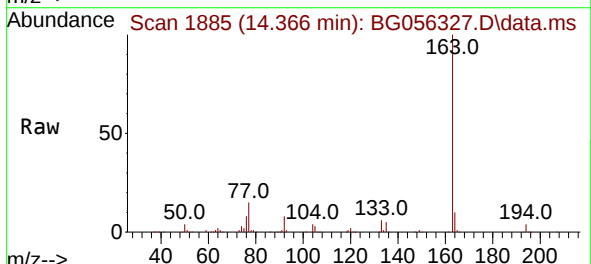
Instrument :
BNA_G
ClientSampleId :
PB150306BS

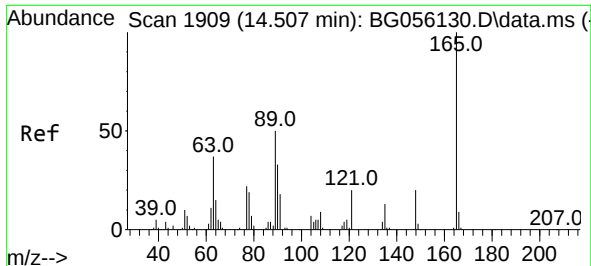
Tgt Ion:152 Resp: 598879
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.0 11.0 16.6



#50
Dimethylphthalate
Concen: 43.238 ng
RT: 14.366 min Scan# 1885
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:163 Resp: 502585
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.9 8.7 13.1

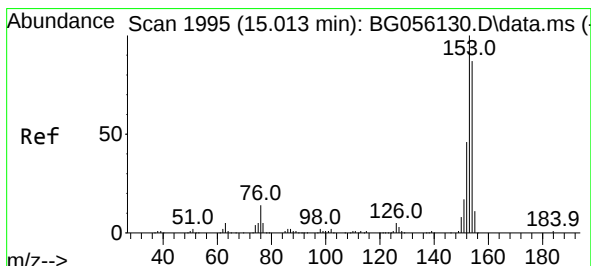
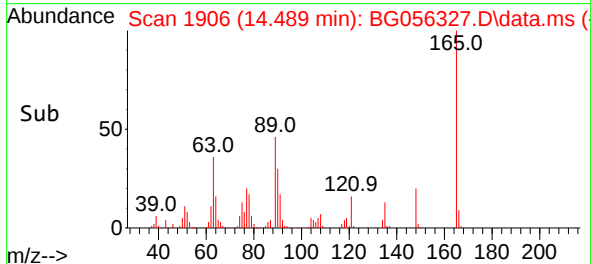
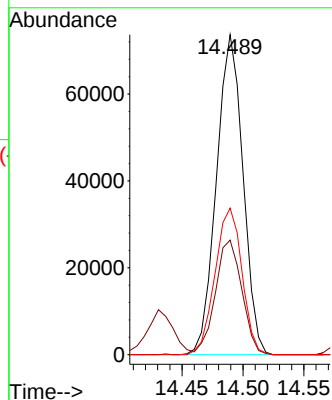
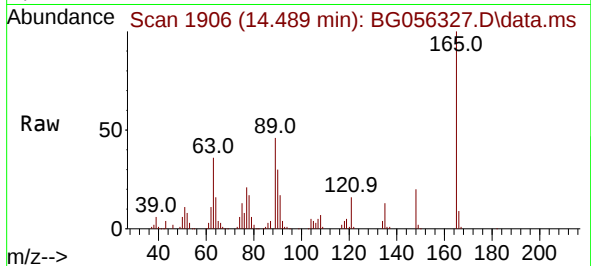




#51
2,6-Dinitrotoluene
Concen: 45.053 ng
RT: 14.489 min Scan# 1909
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

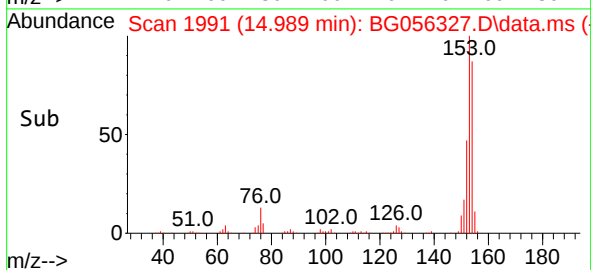
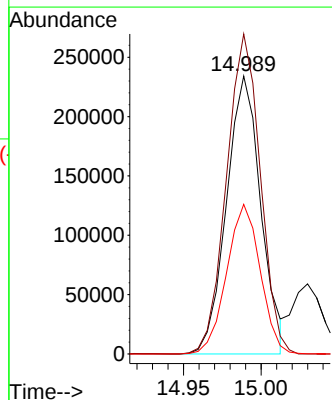
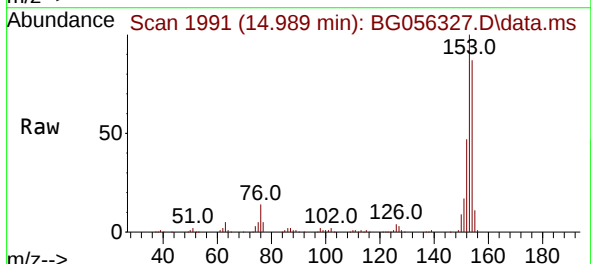
Instrument :
BNA_G
ClientSampleId :
PB150306BS

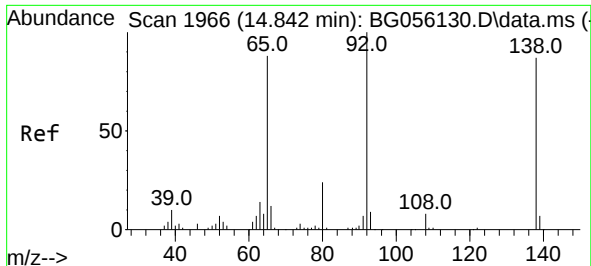
Tgt Ion:165 Resp: 111585
Ion Ratio Lower Upper
165 100
63 35.8 32.2 48.2
89 45.8 39.8 59.8



#52
Acenaphthene
Concen: 41.744 ng
RT: 14.989 min Scan# 1991
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

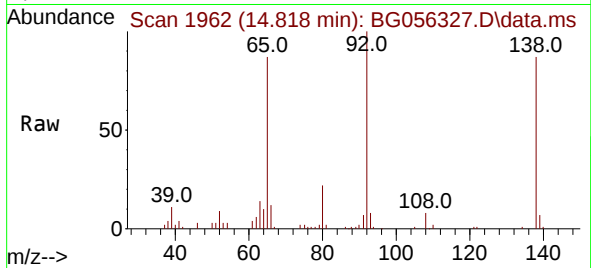
Tgt Ion:154 Resp: 359615
Ion Ratio Lower Upper
154 100
153 115.1 92.0 138.0
152 53.8 42.5 63.7



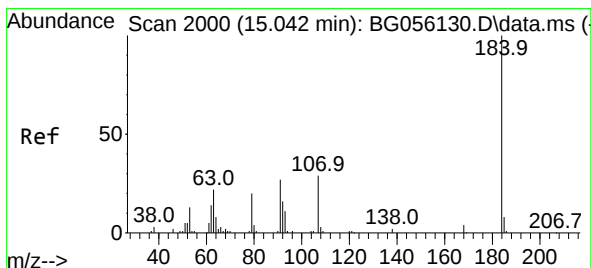
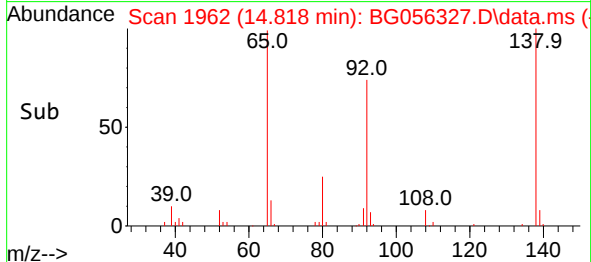
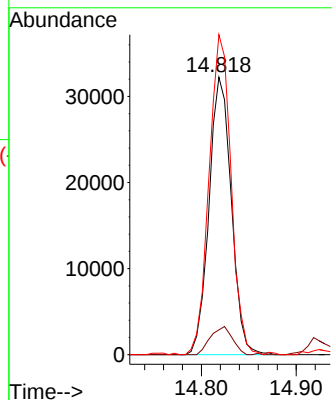


#53
3-Nitroaniline
Concen: 22.382 ng
RT: 14.818 min Scan# 1962
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Instrument :
BNA_G
ClientSampleId :
PB150306BS

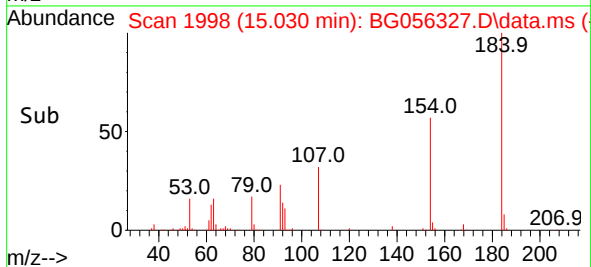
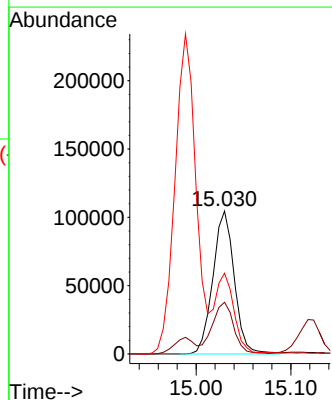
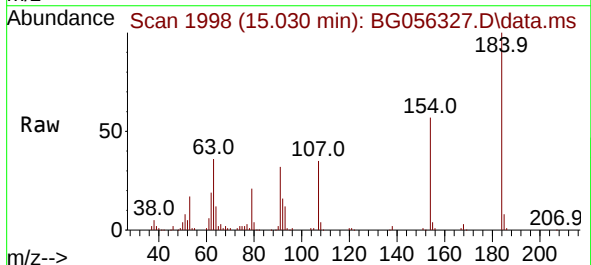


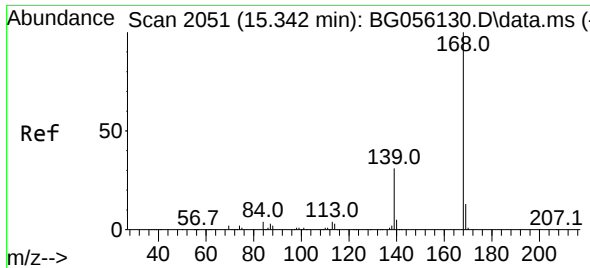
Tgt Ion:138 Resp: 52759
Ion Ratio Lower Upper
138 100
108 9.0 7.6 11.4
92 115.3 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 92.784 ng
RT: 15.030 min Scan# 1998
Delta R.T. 0.003 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:184 Resp: 164170
Ion Ratio Lower Upper
184 100
63 36.2 24.0 36.0#
154 56.5 45.4 68.0

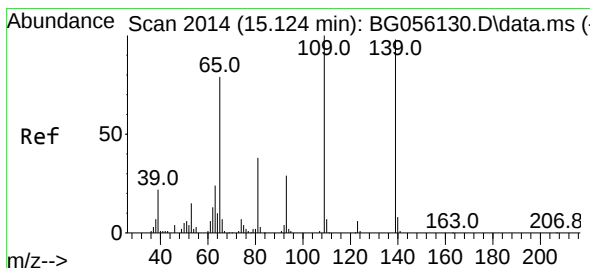
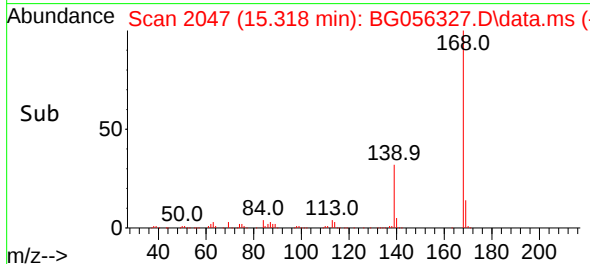
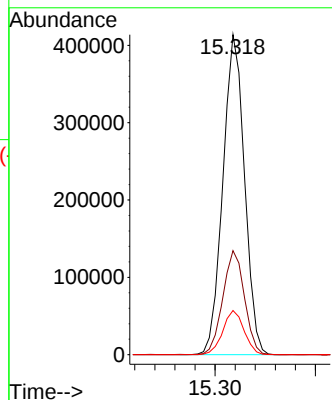
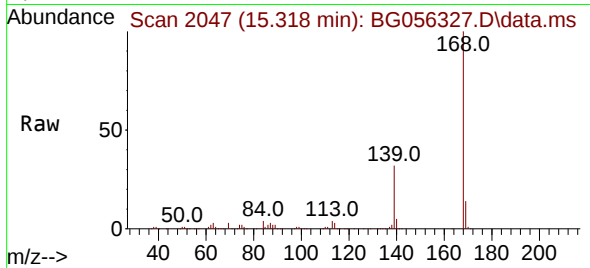




#55
Dibenzenofuran
Concen: 43.343 ng
RT: 15.318 min Scan# 2047
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

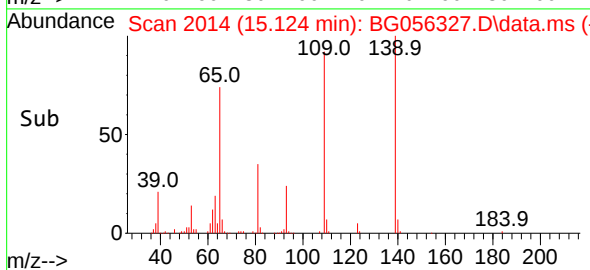
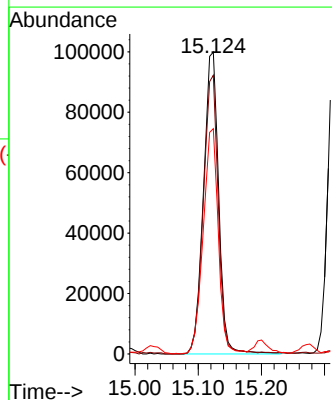
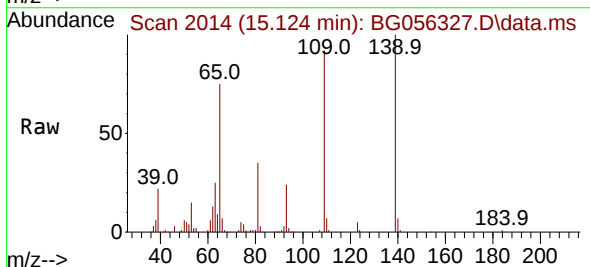
Instrument :
BNA_G
ClientSampleId :
PB150306BS

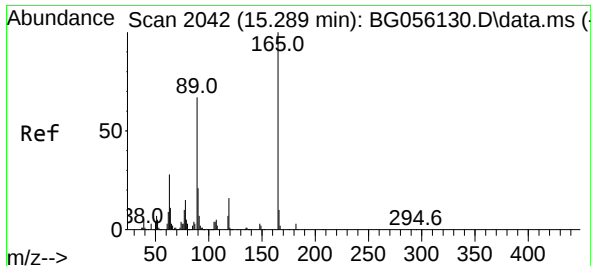
Tgt Ion:168 Resp: 617883
Ion Ratio Lower Upper
168 100
139 32.5 24.7 37.1
169 13.8 10.3 15.5



#56
4-Nitrophenol
Concen: 92.287 ng
RT: 15.124 min Scan# 2014
Delta R.T. 0.015 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:139 Resp: 167304
Ion Ratio Lower Upper
139 100
109 92.3 82.2 122.2
65 74.6 60.6 100.6





#57

2,4-Dinitrotoluene

Concen: 44.216 ng

RT: 15.277 min Scan# 2040

Delta R.T. 0.003 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

Instrument :

BNA_G

ClientSampleId :

PB150306BS

Tgt Ion:165 Resp: 153156

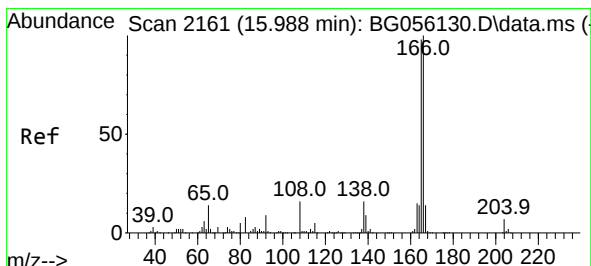
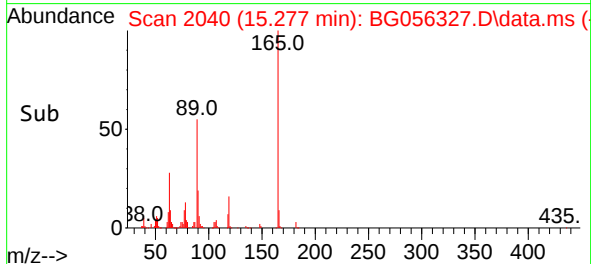
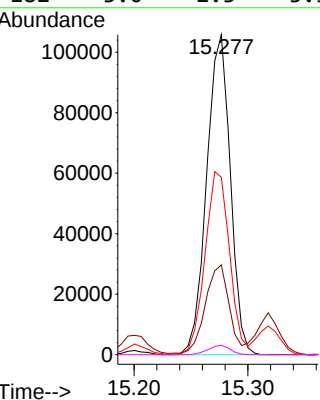
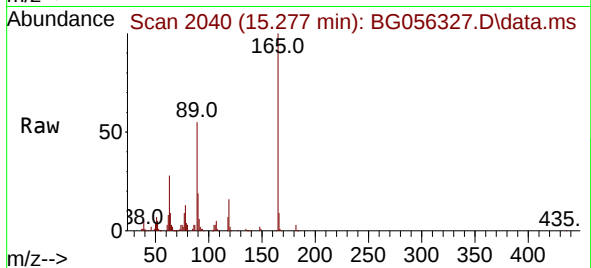
Ion Ratio Lower Upper

165 100

63 28.1 22.6 34.0

89 55.4 53.2 79.8

182 3.0 2.3 3.5



#58

Fluorene

Concen: 43.413 ng

RT: 15.964 min Scan# 2157

Delta R.T. -0.002 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

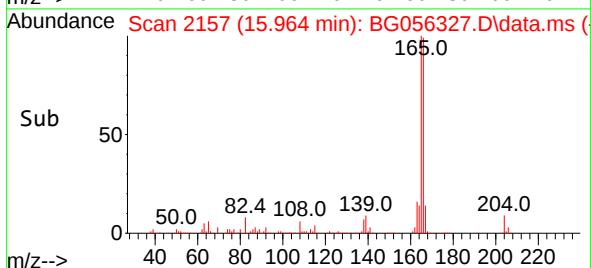
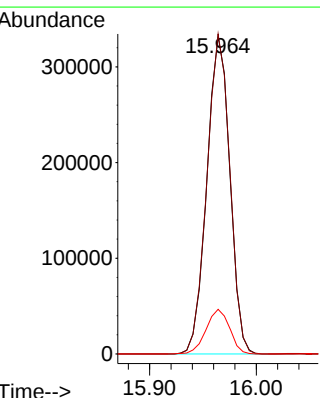
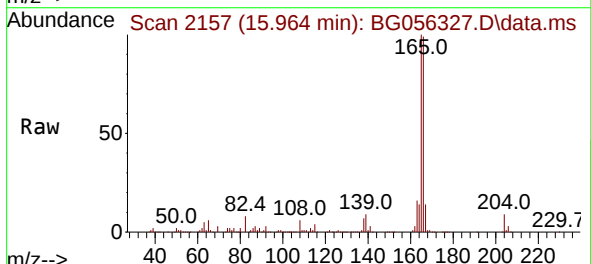
Tgt Ion:166 Resp: 497773

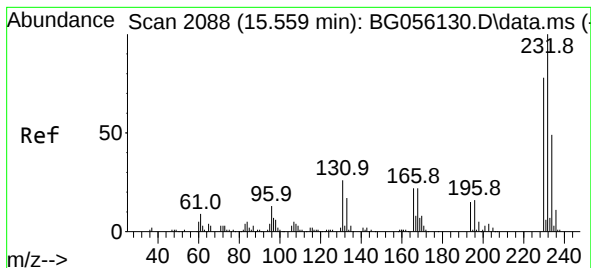
Ion Ratio Lower Upper

166 100

165 100.8 78.6 118.0

167 14.1 11.1 16.7

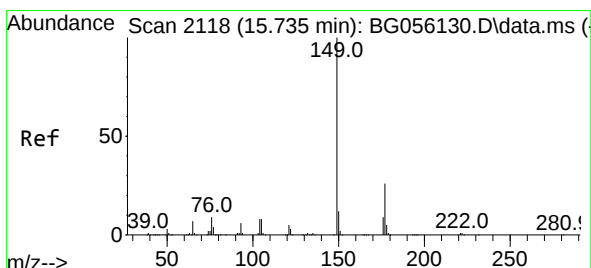
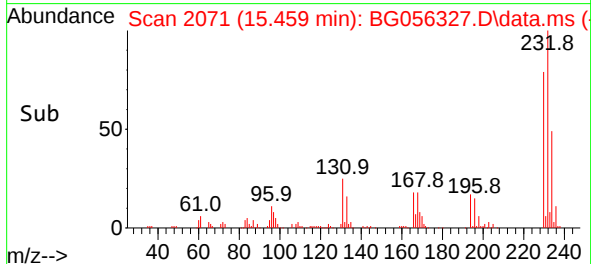
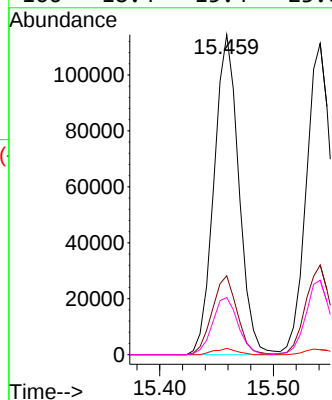
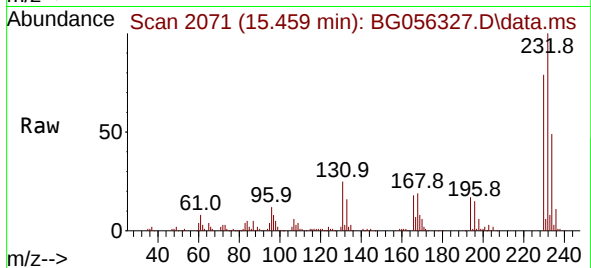




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.816 ng
RT: 15.459 min Scan# 2088
Delta R.T. -0.085 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

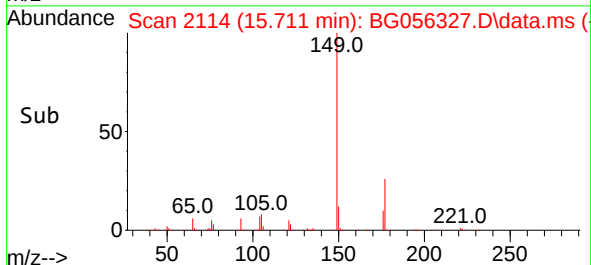
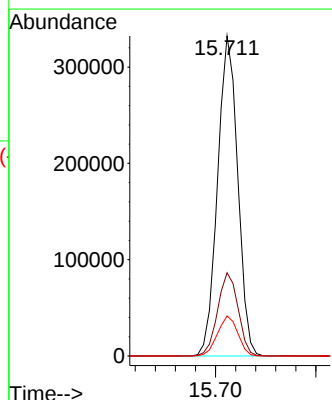
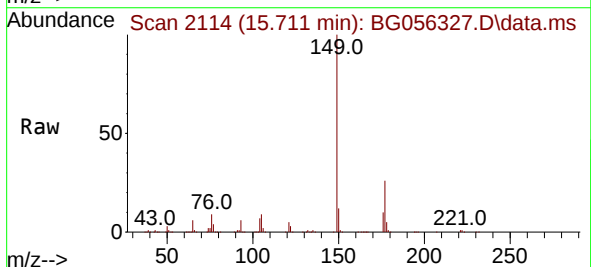
Instrument :
BNA_G
ClientSampleId :
PB150306BS

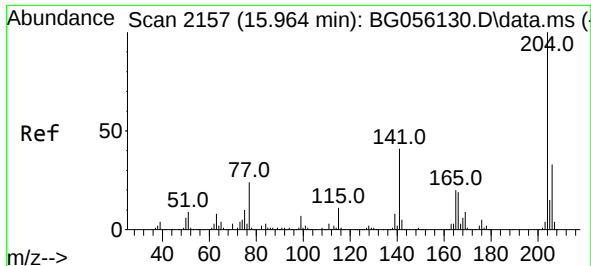
Tgt Ion:232 Resp: 173664
Ion Ratio Lower Upper
232 100
131 24.7 21.4 32.2
130 1.8 1.4 2.0
166 18.4 15.4 23.0



#60
Diethylphthalate
Concen: 42.442 ng
RT: 15.711 min Scan# 2114
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:149 Resp: 462648
Ion Ratio Lower Upper
149 100
177 26.0 20.6 31.0
150 12.5 9.9 14.9

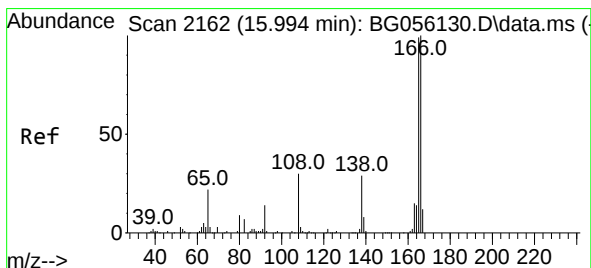
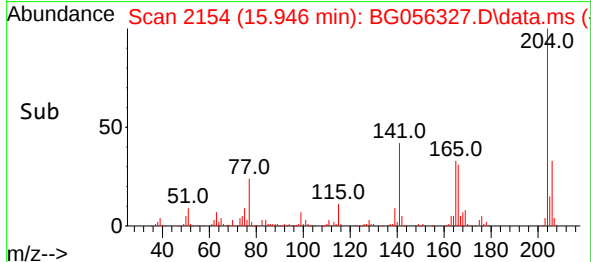
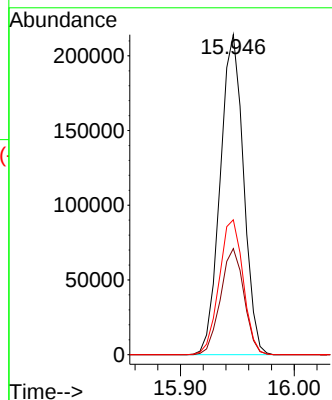
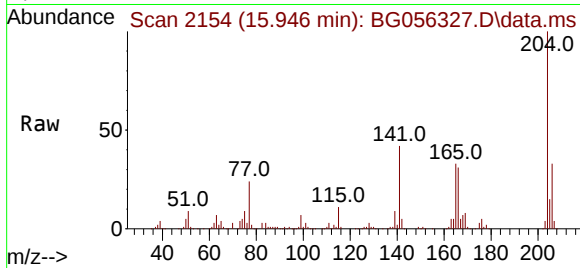




#61
4-Chlorophenyl-phenylether
Concen: 42.752 ng
RT: 15.946 min Scan# 2154
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

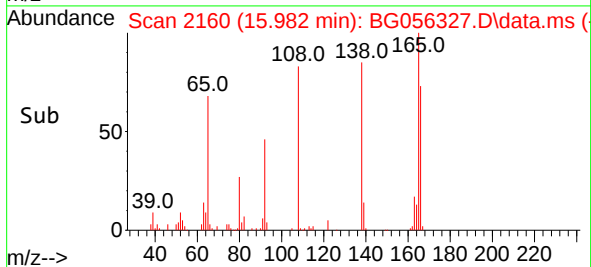
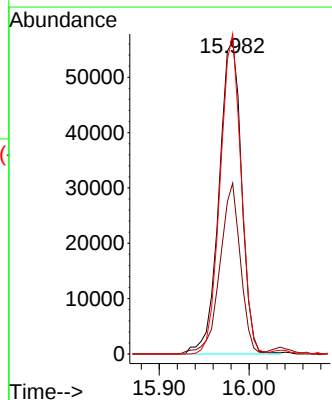
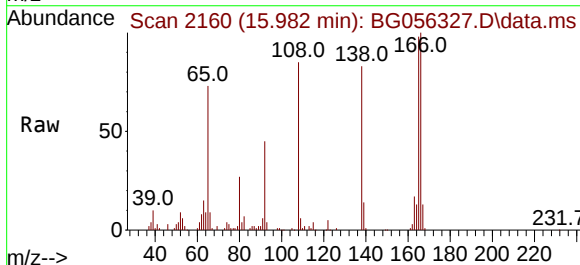
Instrument :
BNA_G
ClientSampleId :
PB150306BS

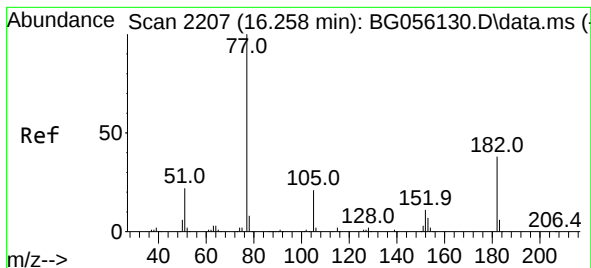
Tgt Ion:204 Resp: 305917
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 42.2 33.0 49.4



#62
4-Nitroaniline
Concen: 40.613 ng
RT: 15.982 min Scan# 2160
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:138 Resp: 98063
Ion Ratio Lower Upper
138 100
92 54.5 28.6 68.6
108 102.1 83.4 123.4





#63

Azobenzene

Concen: 42.629 ng

RT: 16.240 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

Instrument :

BNA_G

ClientSampleId :

PB150306BS

Tgt Ion: 77 Resp: 358587

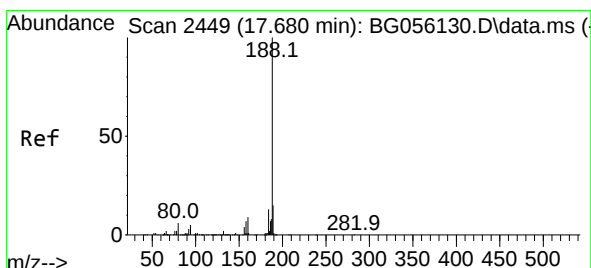
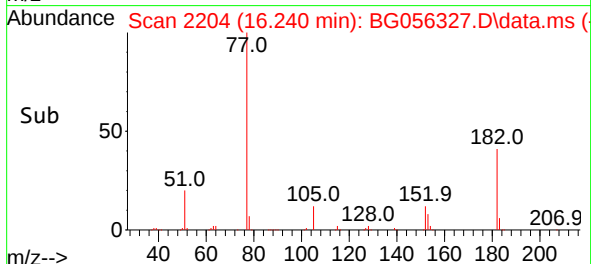
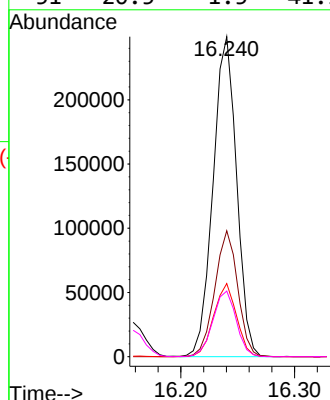
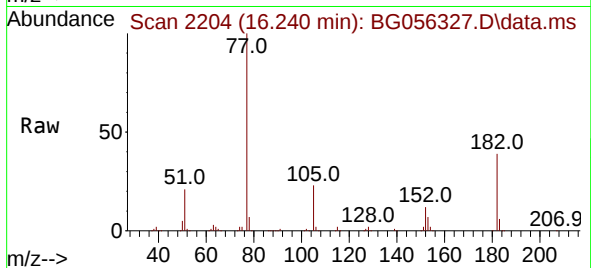
Ion Ratio Lower Upper

77 100

182 39.3 18.5 58.5

105 22.8 1.4 41.4

51 20.5 1.5 41.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.662 min Scan# 2446

Delta R.T. -0.002 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

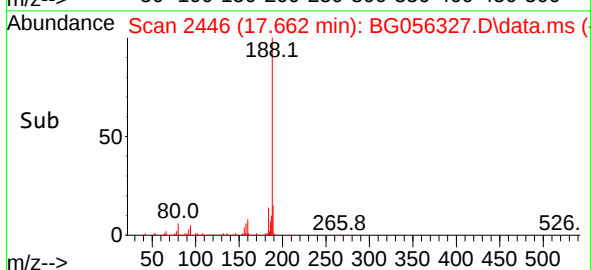
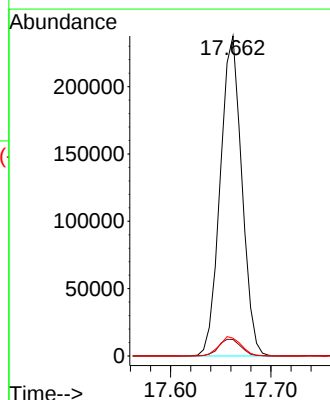
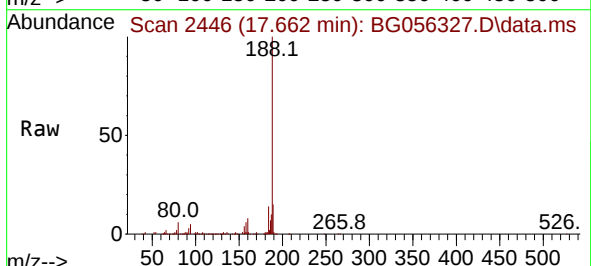
Tgt Ion:188 Resp: 354240

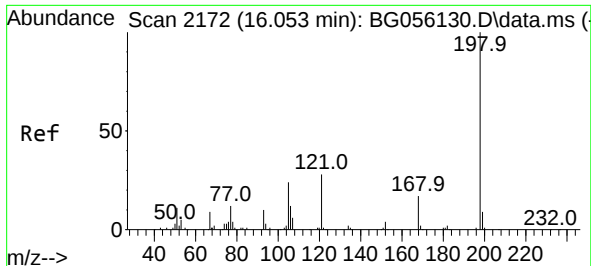
Ion Ratio Lower Upper

188 100

94 5.1 4.2 6.2

80 5.6 5.0 7.4

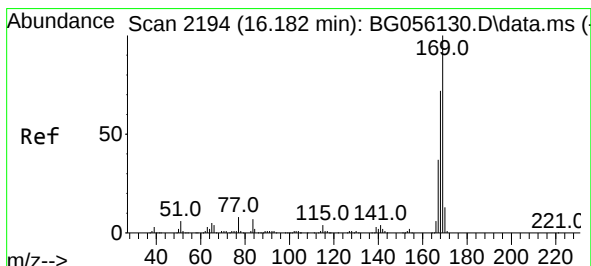
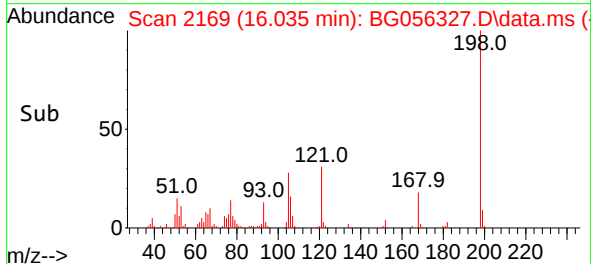
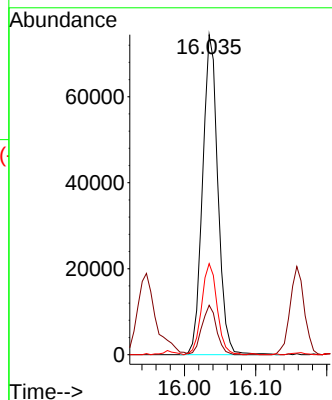
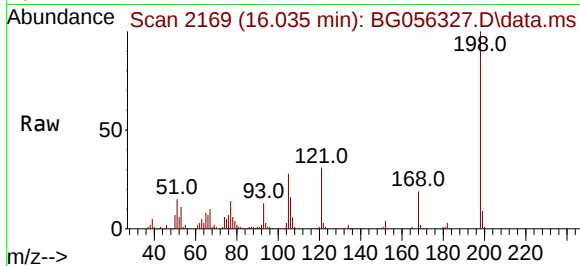




#65
4,6-Dinitro-2-methylphenol
Concen: 46.726 ng
RT: 16.035 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

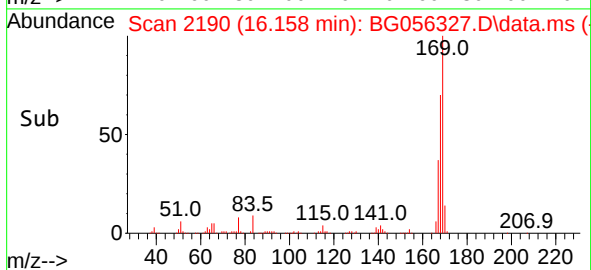
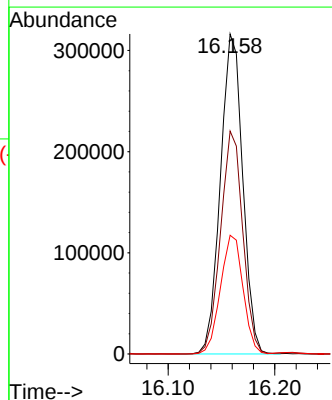
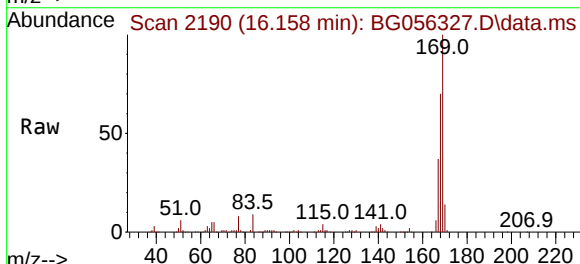
Instrument :
BNA_G
ClientSampleId :
PB150306BS

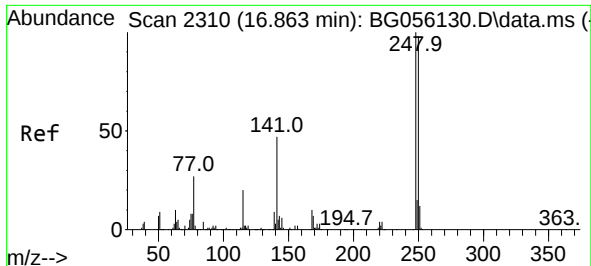
Tgt Ion:198 Resp: 111519
Ion Ratio Lower Upper
198 100
51 15.4 0.0 33.2
105 28.4 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 46.613 ng
RT: 16.158 min Scan# 2190
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:169 Resp: 458136
Ion Ratio Lower Upper
169 100
168 69.6 58.0 87.0
167 37.1 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 46.267 ng
RT: 16.840 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

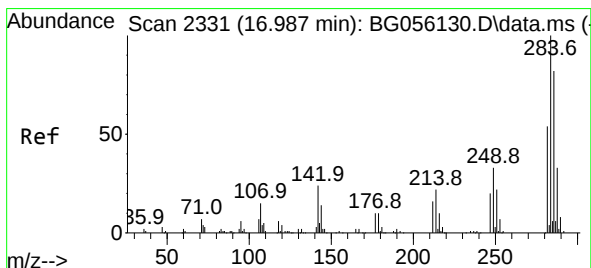
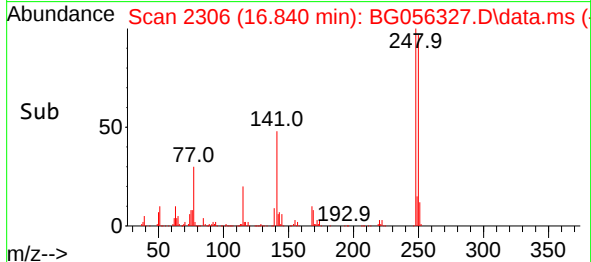
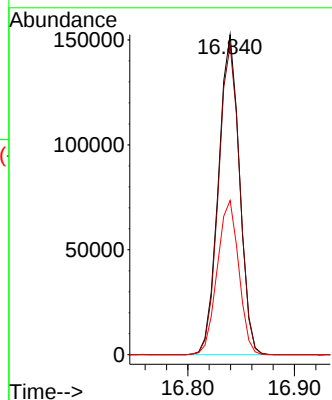
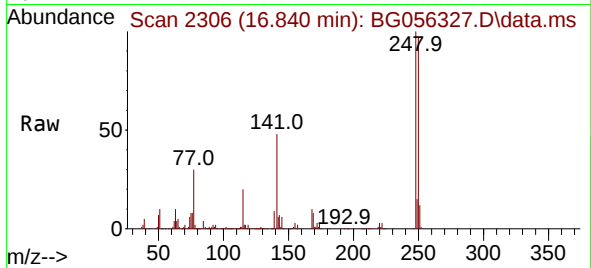
Instrument :

BNA_G

ClientSampleId :

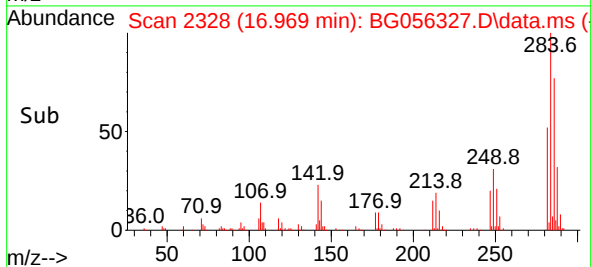
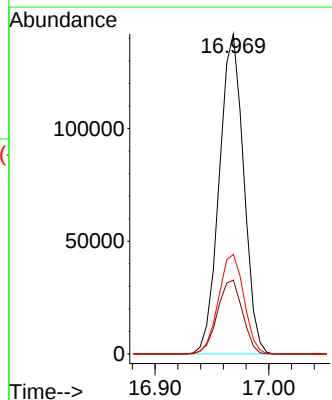
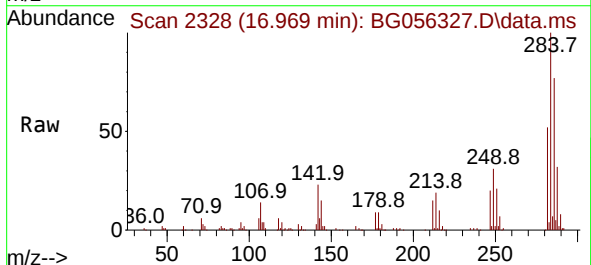
PB150306BS

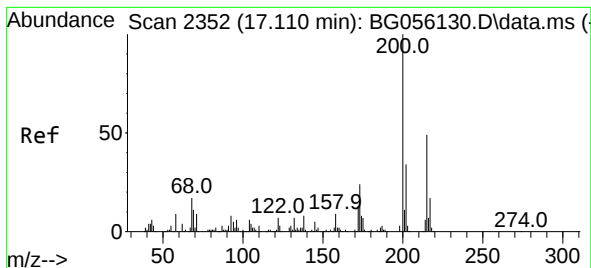
Tgt Ion:248 Resp: 208705
Ion Ratio Lower Upper
248 100
250 96.7 78.2 117.4
141 48.2 37.6 56.4



#68
Hexachlorobenzene
Concen: 50.216 ng
RT: 16.969 min Scan# 2328
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:284 Resp: 211339
Ion Ratio Lower Upper
284 100
142 23.1 19.0 28.6
249 31.1 26.6 39.8





#69

Atrazine

Concen: 48.103 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

Instrument :

BNA_G

ClientSampleId :

PB150306BS

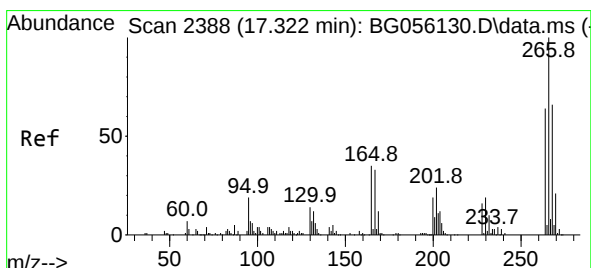
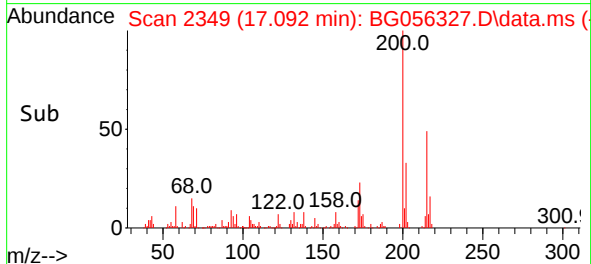
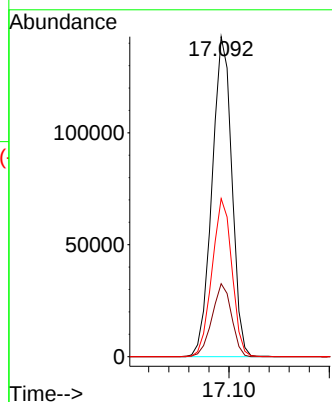
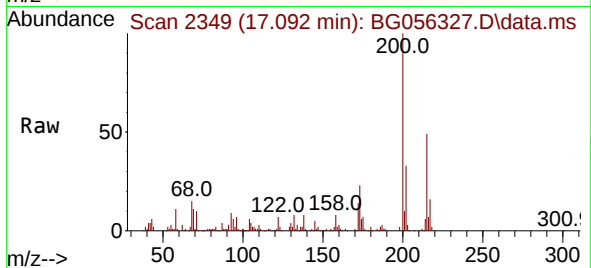
Tgt Ion:200 Resp: 195939

Ion Ratio Lower Upper

200 100

173 22.8 4.0 44.0

215 49.4 29.1 69.1



#70

Pentachlorophenol

Concen: 83.984 ng

RT: 17.310 min Scan# 2386

Delta R.T. 0.003 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

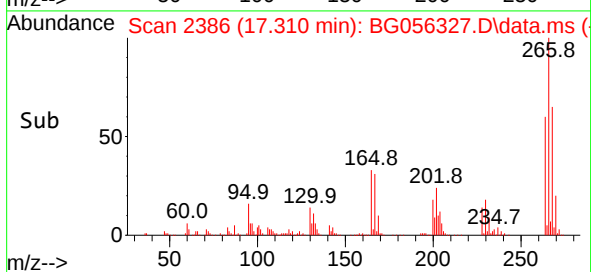
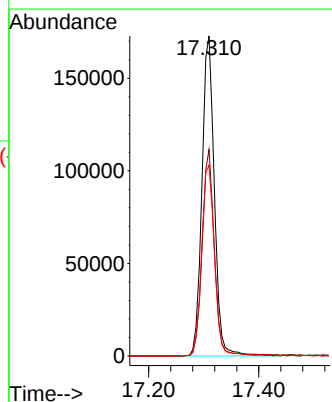
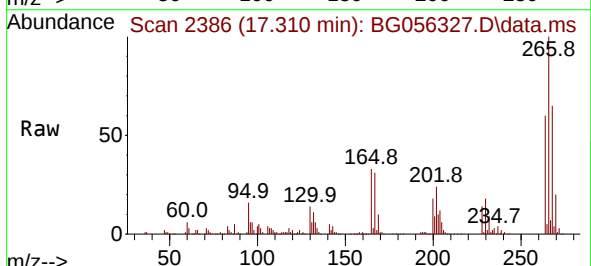
Tgt Ion:266 Resp: 271510

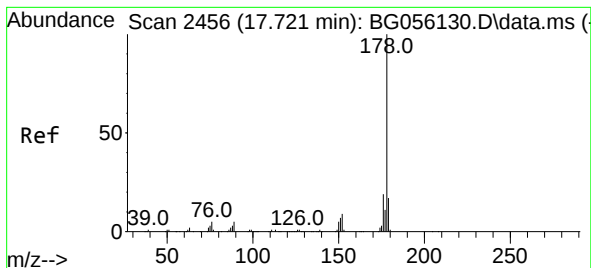
Ion Ratio Lower Upper

266 100

268 64.5 53.0 79.4

264 59.6 51.4 77.2





#71

Phenanthrene

Concen: 46.102 ng

RT: 17.703 min Scan# 24

Delta R.T. -0.008 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

Instrument :

BNA_G

ClientSampleId :

PB150306BS

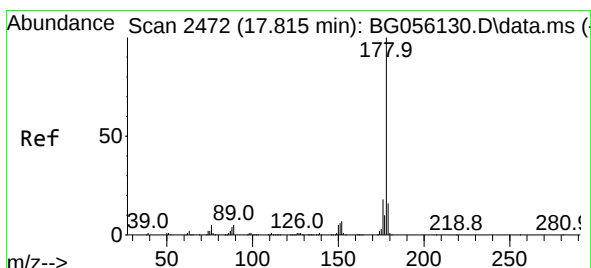
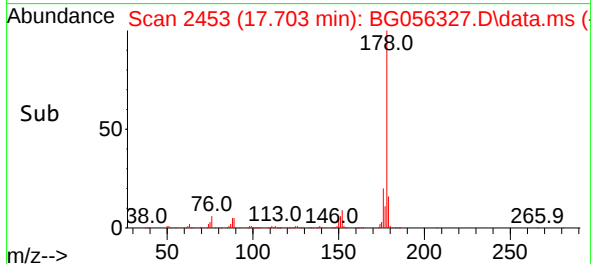
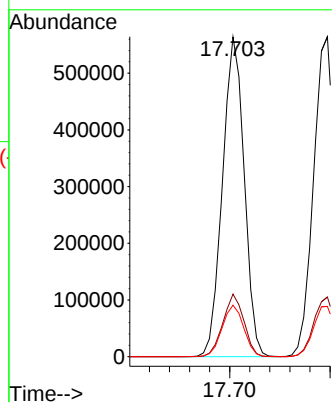
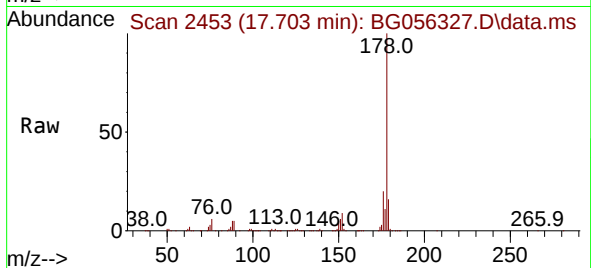
Tgt Ion:178 Resp: 846334

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 16.1 13.6 20.4



#72

Anthracene

Concen: 45.497 ng

RT: 17.797 min Scan# 2469

Delta R.T. -0.002 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

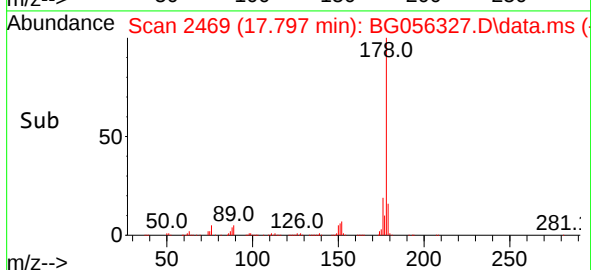
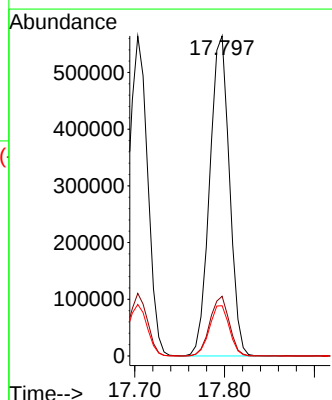
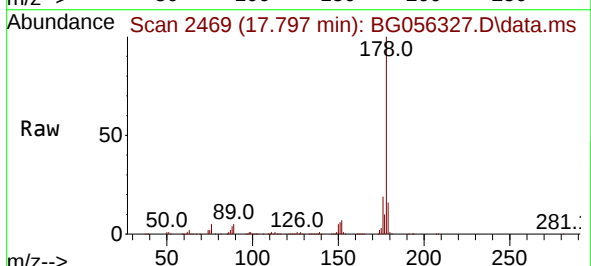
Tgt Ion:178 Resp: 861595

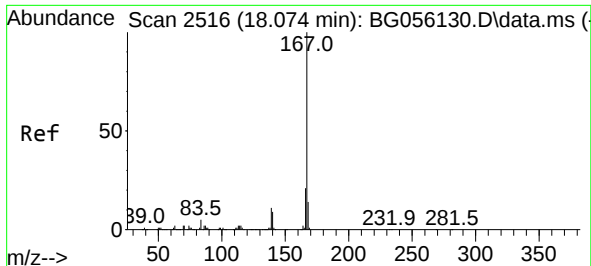
Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

179 15.7 12.7 19.1

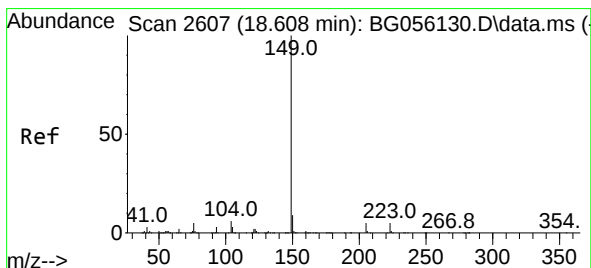
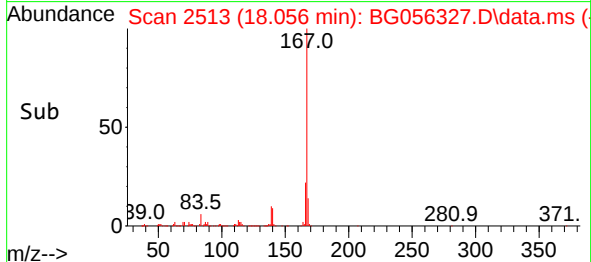
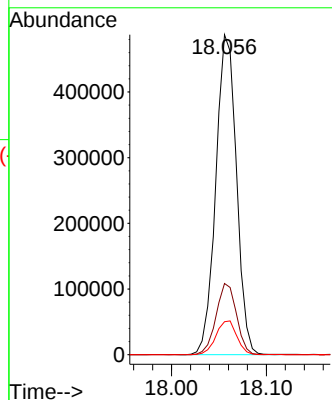
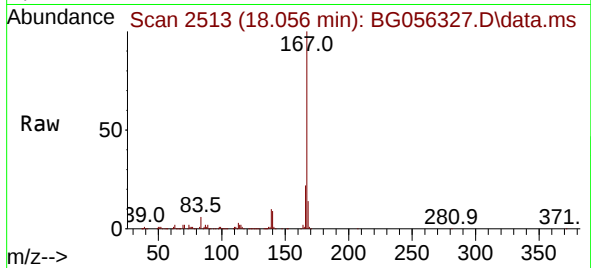




#73
 Carbazole
 Concen: 46.412 ng
 RT: 18.056 min Scan# 2516
 Delta R.T. -0.008 min
 Lab File: BG056327.D
 Acq: 18 Jan 2023 13:47

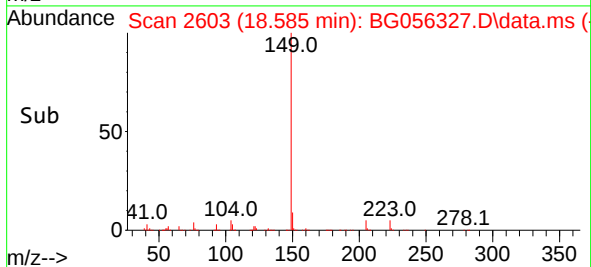
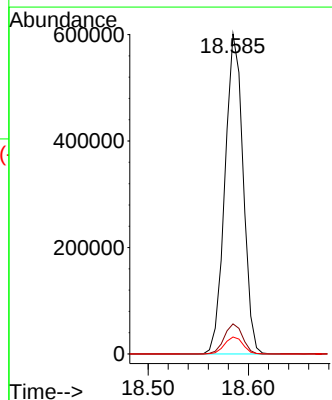
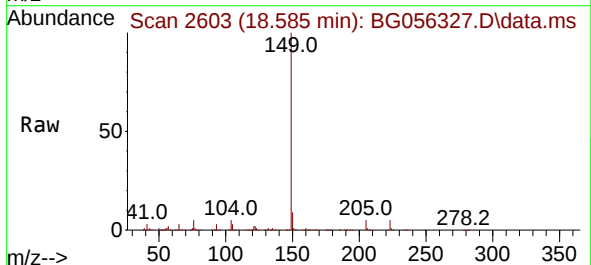
Instrument :
 BNA_G
 ClientSampleId :
 PB150306BS

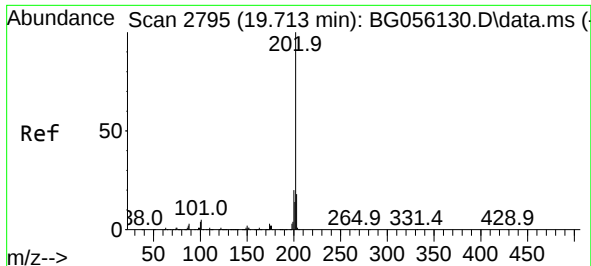
Tgt Ion:167 Resp: 738801
 Ion Ratio Lower Upper
 167 100
 166 22.3 16.8 25.2
 139 10.3 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 47.461 ng
 RT: 18.585 min Scan# 2603
 Delta R.T. -0.008 min
 Lab File: BG056327.D
 Acq: 18 Jan 2023 13:47

Tgt Ion:149 Resp: 753116
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.3 4.4 6.6

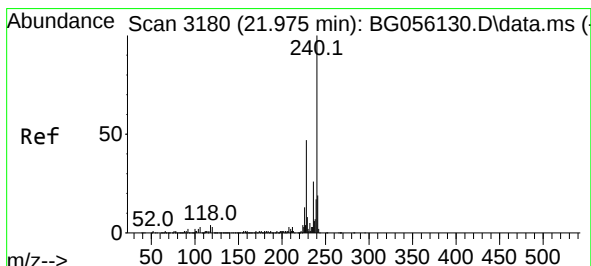
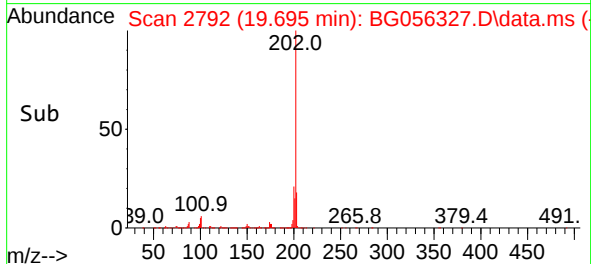
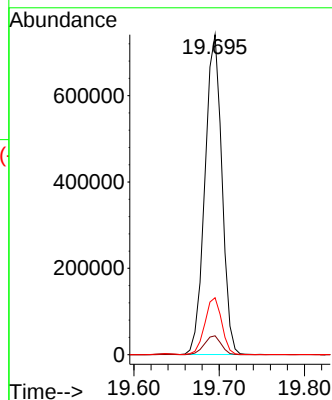
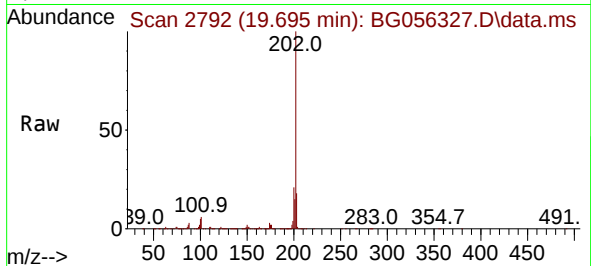




#75
Fluoranthene
Concen: 42.783 ng
RT: 19.695 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

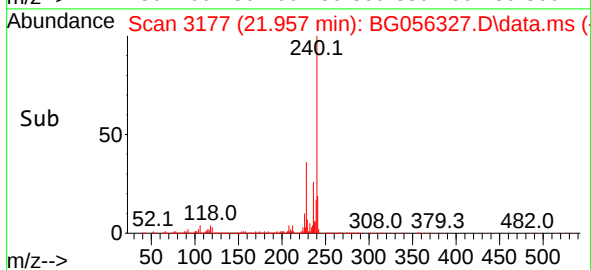
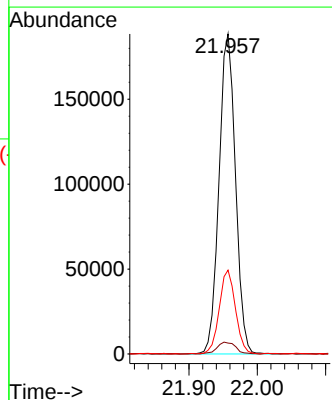
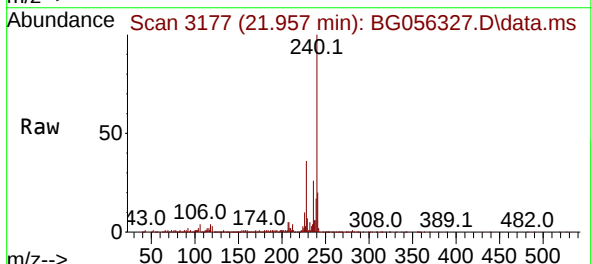
Instrument :
BNA_G
ClientSampleId :
PB150306BS

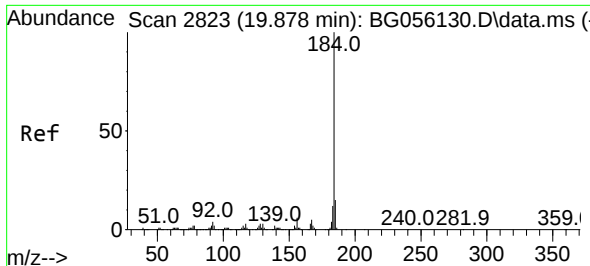
Tgt Ion:202 Resp: 1024503
Ion Ratio Lower Upper
202 100
101 5.9 0.0 25.0
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.957 min Scan# 3177
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:240 Resp: 316484
Ion Ratio Lower Upper
240 100
120 3.4 2.6 4.0
236 26.2 20.8 31.2

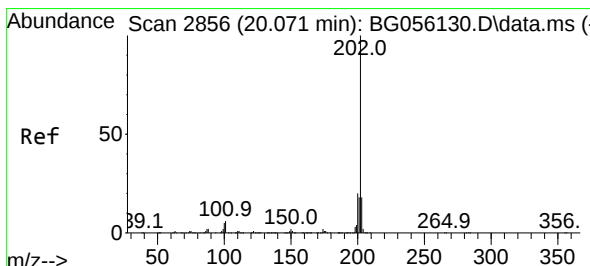
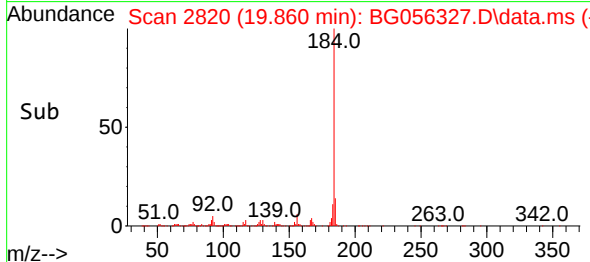
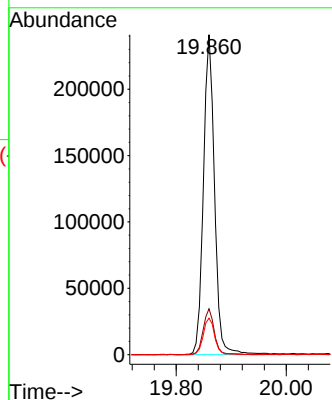
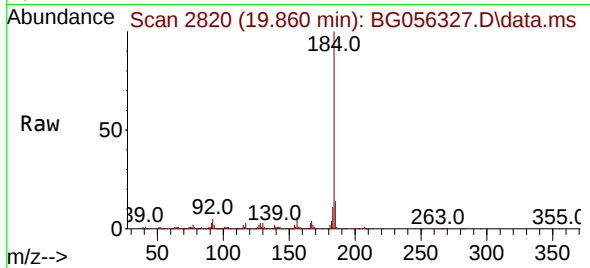




#77
Benzidine
Concen: 30.571 ng
RT: 19.860 min Scan# 2820
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

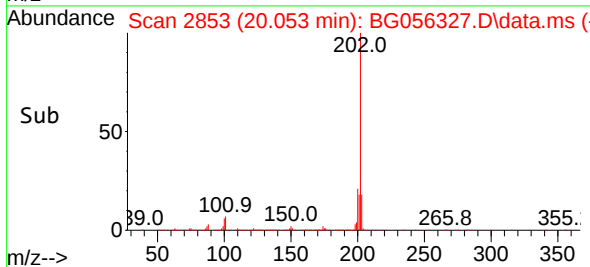
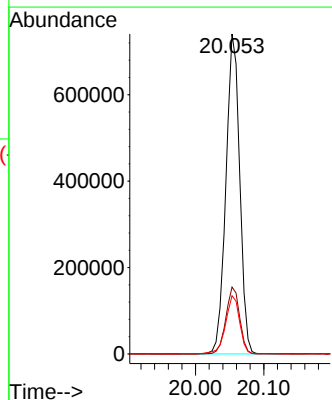
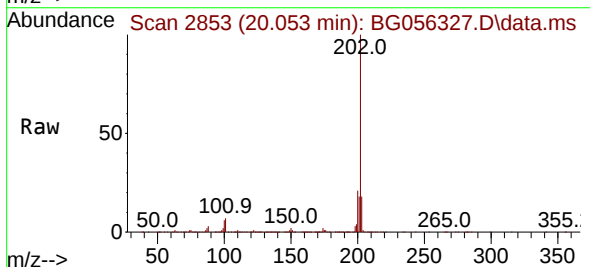
Instrument :
BNA_G
ClientSampleId :
PB150306BS

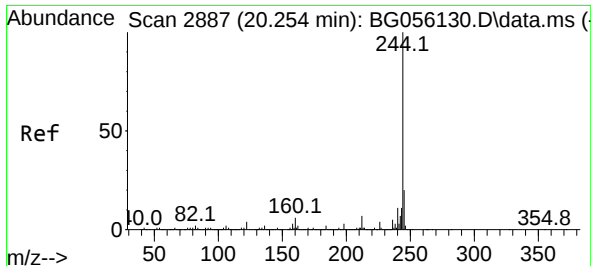
Tgt Ion:184 Resp: 339063
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 11.4 9.4 14.0



#78
Pyrene
Concen: 46.701 ng
RT: 20.053 min Scan# 2853
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:202 Resp: 1041773
Ion Ratio Lower Upper
202 100
200 20.9 16.4 24.6
203 18.2 14.3 21.5

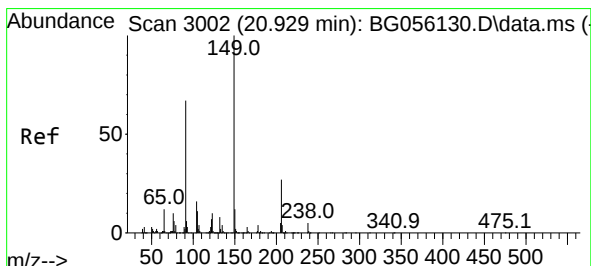
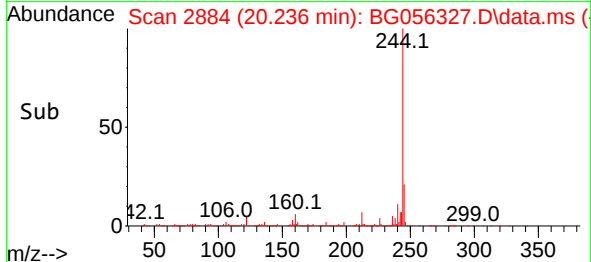
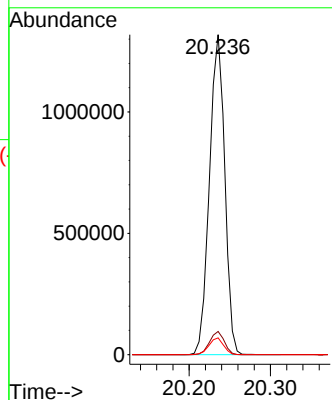
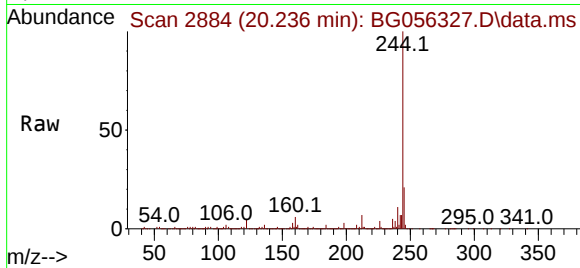




#79
 Terphenyl-d14
 Concen: 97.381 ng
 RT: 20.236 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056327.D
 Acq: 18 Jan 2023 13:47

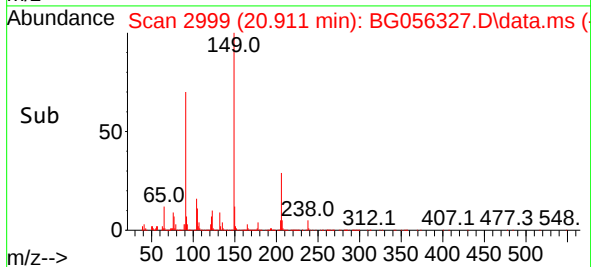
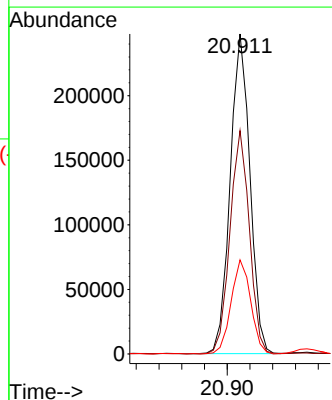
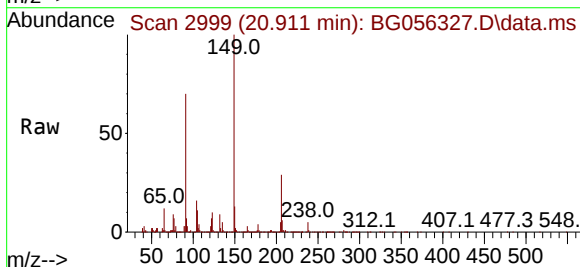
Instrument :
 BNA_G
 ClientSampleId :
 PB150306BS

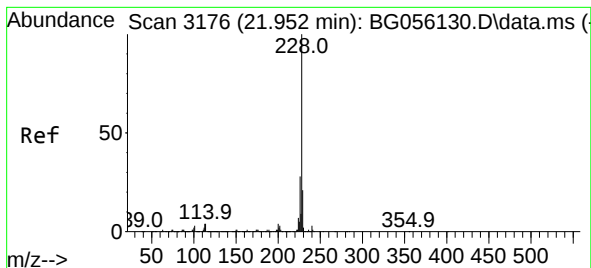
Tgt Ion:244 Resp: 1720749
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.3 3.5 5.3



#80
 Butylbenzylphthalate
 Concen: 46.581 ng
 RT: 20.911 min Scan# 2999
 Delta R.T. -0.008 min
 Lab File: BG056327.D
 Acq: 18 Jan 2023 13:47

Tgt Ion:149 Resp: 298104
 Ion Ratio Lower Upper
 149 100
 91 69.8 53.5 80.3
 206 29.4 21.9 32.9





#81

Benzo(a)anthracene

Concen: 45.176 ng

RT: 21.934 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

Instrument :

BNA_G

ClientSampleId :

PB150306BS

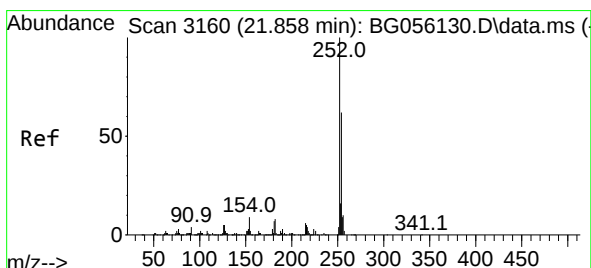
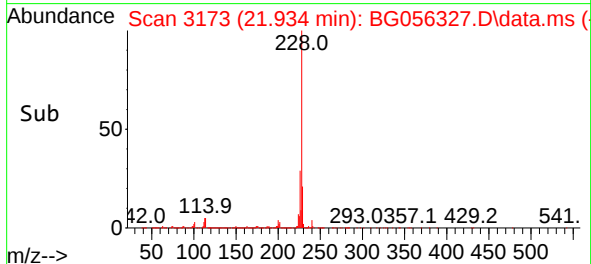
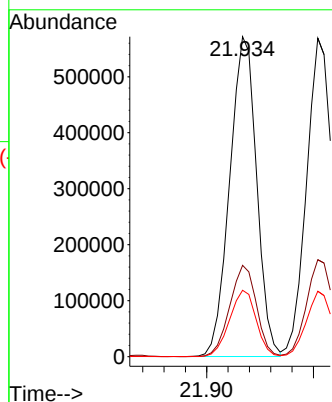
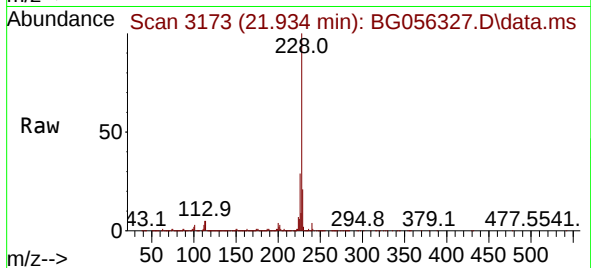
Tgt Ion:228 Resp: 1004219

Ion Ratio Lower Upper

228 100

226 28.5 22.6 34.0

229 20.7 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 24.992 ng

RT: 21.834 min Scan# 3156

Delta R.T. -0.008 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

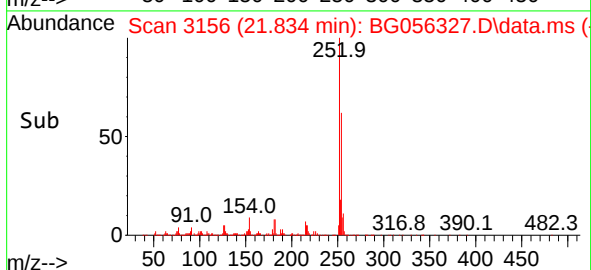
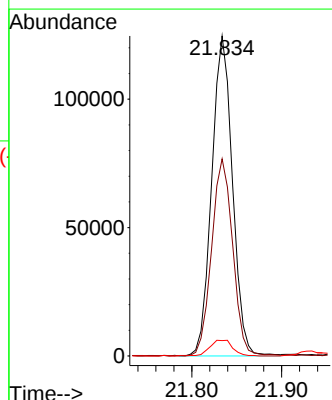
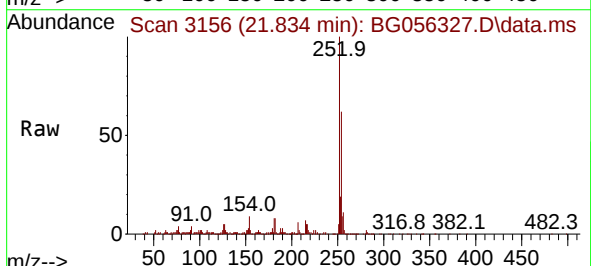
Tgt Ion:252 Resp: 199987

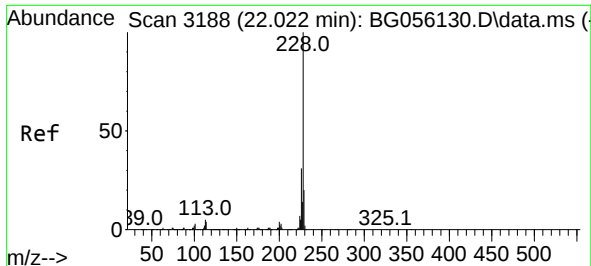
Ion Ratio Lower Upper

252 100

254 61.6 49.5 74.3

126 4.8 4.0 6.0





#83

Chrysene

Concen: 45.454 ng

RT: 22.004 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

Instrument :

BNA_G

ClientSampleId :

PB150306BS

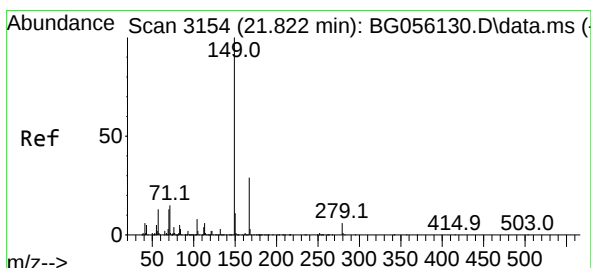
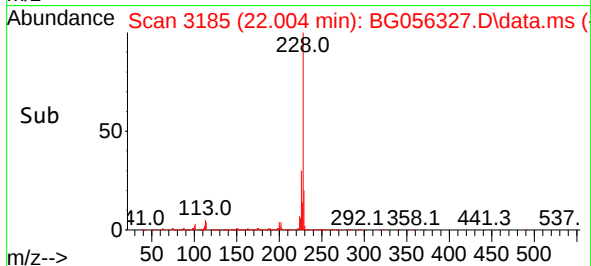
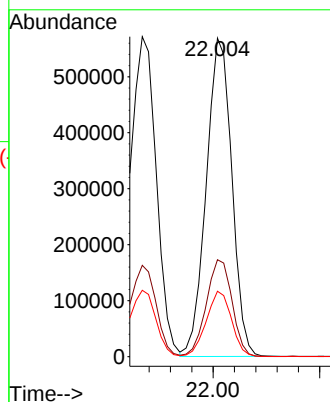
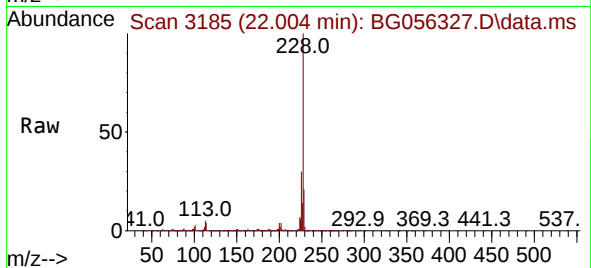
Tgt Ion:228 Resp: 946433

Ion Ratio Lower Upper

228 100

226 30.4 24.6 36.8

229 20.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.873 ng

RT: 21.798 min Scan# 3150

Delta R.T. -0.008 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

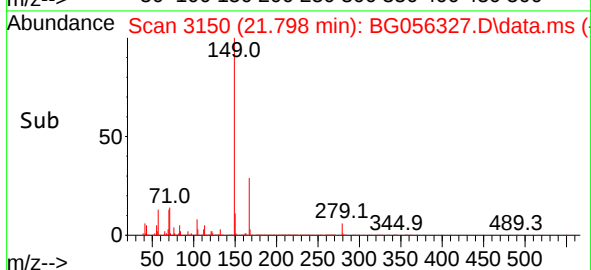
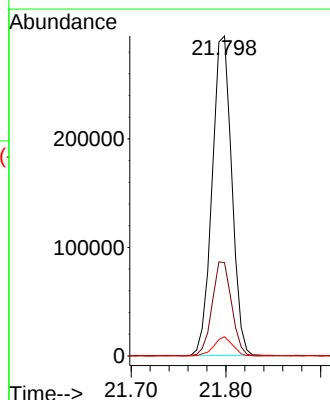
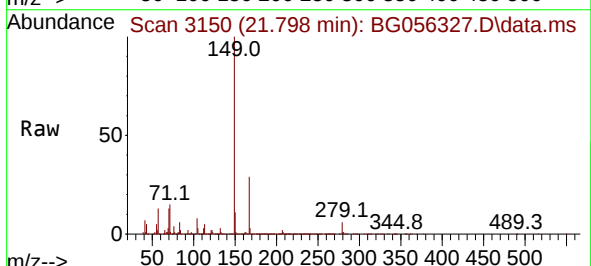
Tgt Ion:149 Resp: 422956

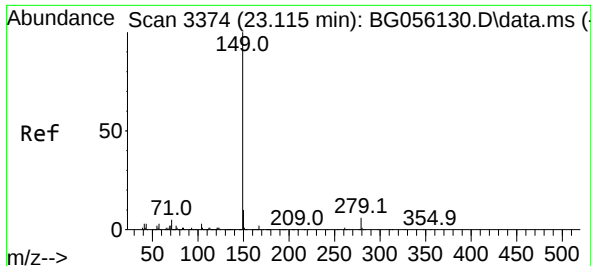
Ion Ratio Lower Upper

149 100

167 29.2 23.4 35.2

279 6.0 4.7 7.1

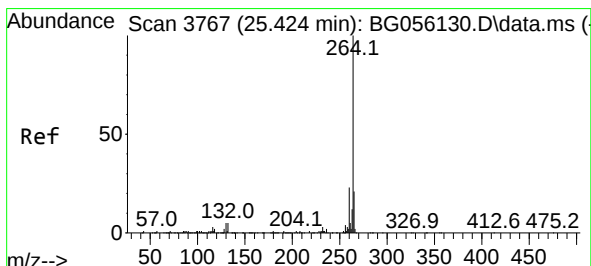
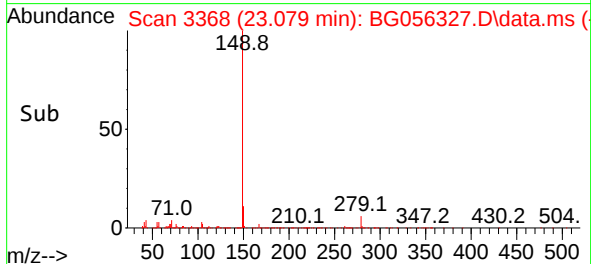
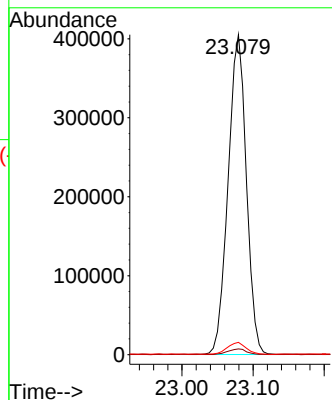
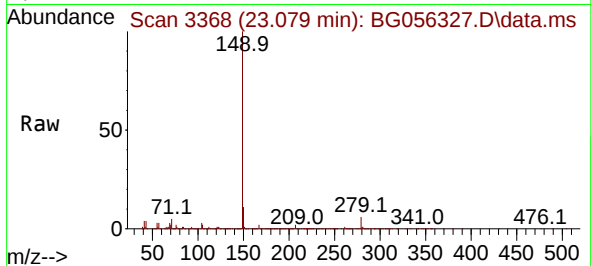




#85
Di-n-octyl phthalate
Concen: 46.364 ng
RT: 23.079 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

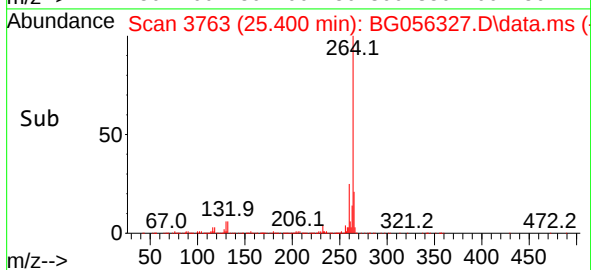
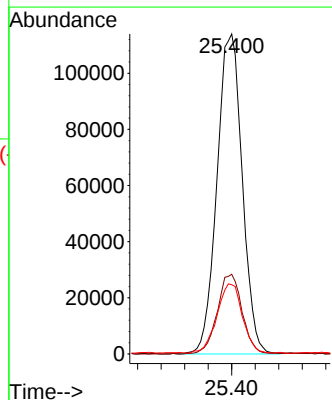
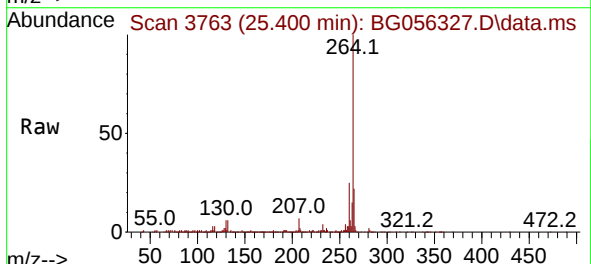
Instrument :
BNA_G
ClientSampleId :
PB150306BS

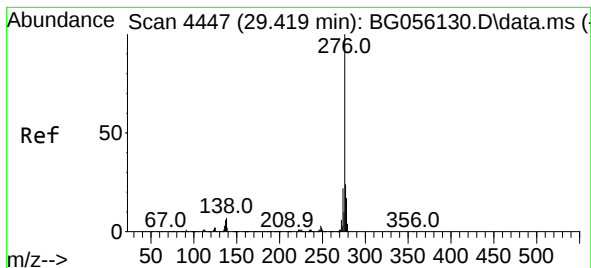
Tgt Ion:149 Resp: 721666
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 3.8 2.9 4.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.400 min Scan# 3763
Delta R.T. -0.002 min
Lab File: BG056327.D
Acq: 18 Jan 2023 13:47

Tgt Ion:264 Resp: 339911
Ion Ratio Lower Upper
264 100
260 24.9 18.6 28.0
265 21.7 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.232 ng

RT: 29.372 min Scan# 4447

Delta R.T. 0.009 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

Instrument :

BNA_G

ClientSampleId :

PB150306BS

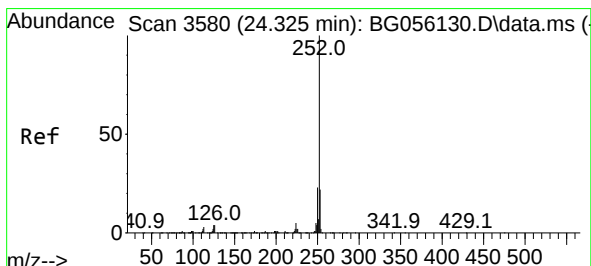
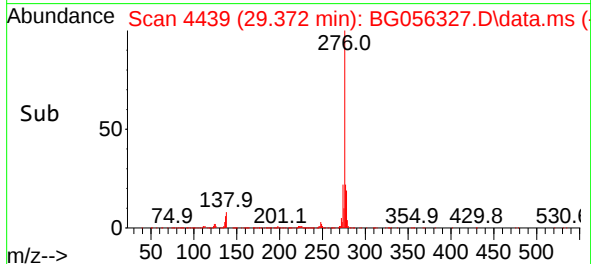
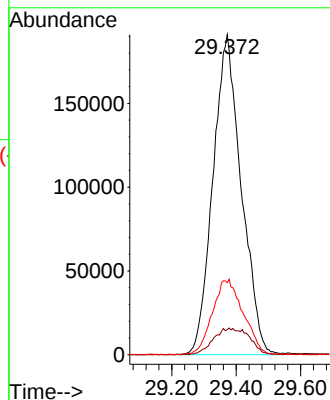
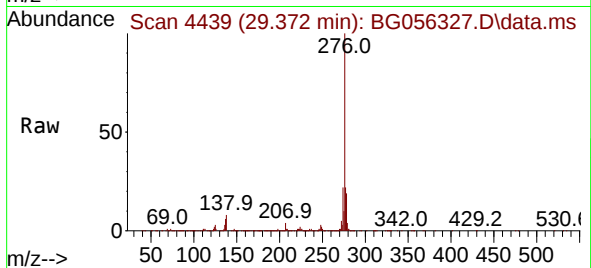
Tgt Ion:276 Resp: 1167605

Ion Ratio Lower Upper

276 100

138 10.5 5.0 7.4#

277 25.6 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 48.551 ng

RT: 24.301 min Scan# 3576

Delta R.T. 0.003 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

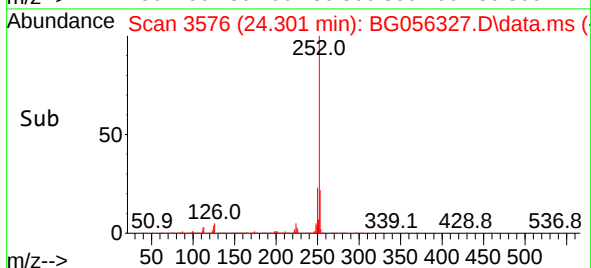
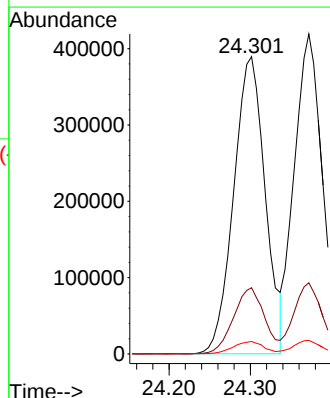
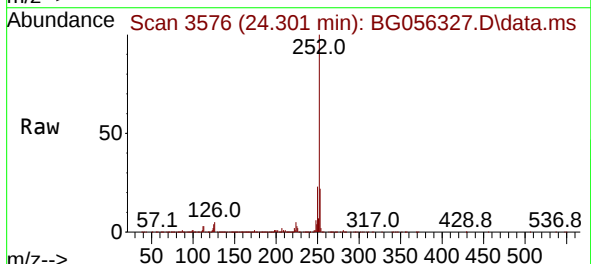
Tgt Ion:252 Resp: 1048542

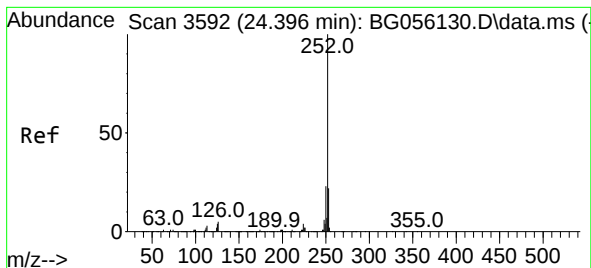
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 4.2 3.0 4.4





#89

Benzo(k)fluoranthene

Concen: 46.423 ng

RT: 24.372 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

Instrument :

BNA_G

ClientSampleId :

PB150306BS

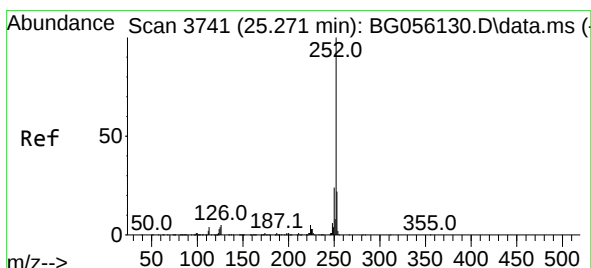
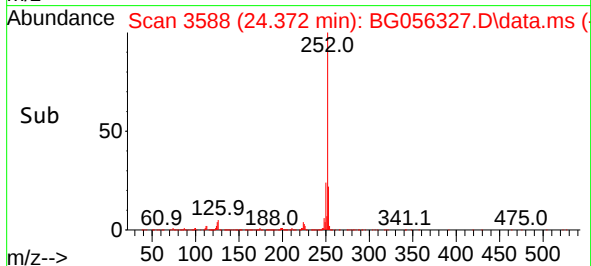
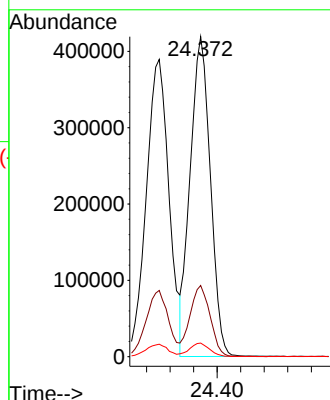
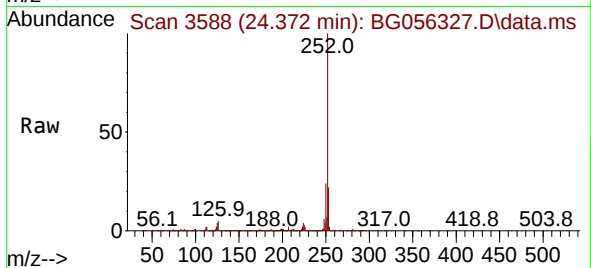
Tgt Ion:252 Resp: 998365

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 4.3 3.4 5.0



#90

Benzo(a)pyrene

Concen: 43.573 ng

RT: 25.236 min Scan# 3735

Delta R.T. -0.008 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

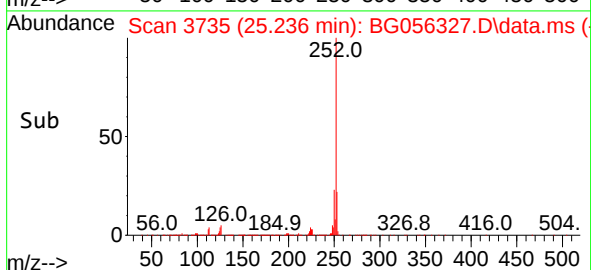
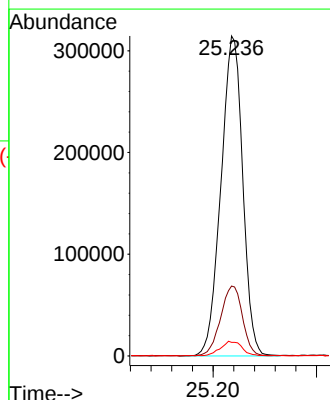
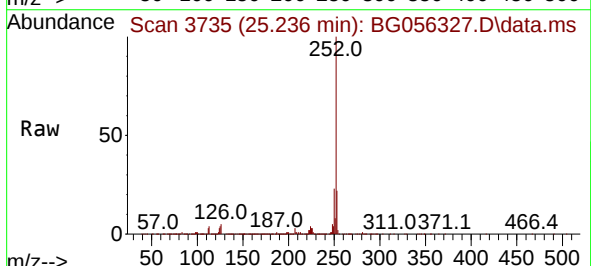
Tgt Ion:252 Resp: 917841

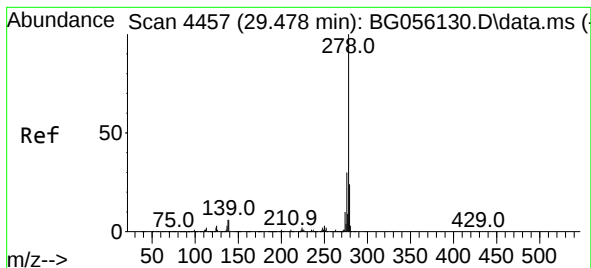
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 4.2 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 47.746 ng

RT: 29.431 min Scan# 4449

Delta R.T. -0.002 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

Instrument :

BNA_G

ClientSampleId :

PB150306BS

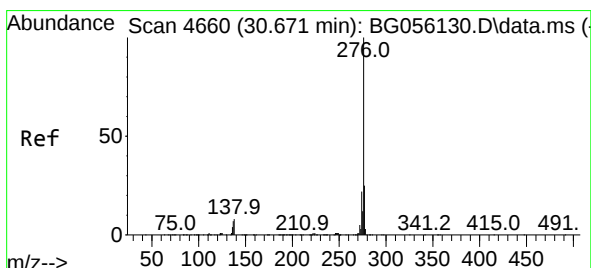
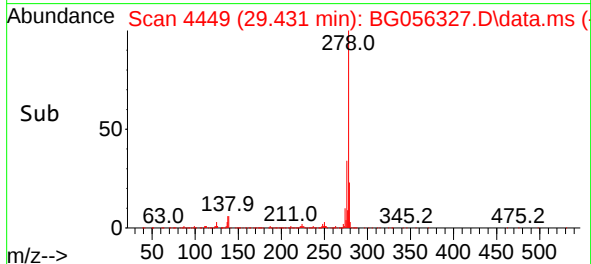
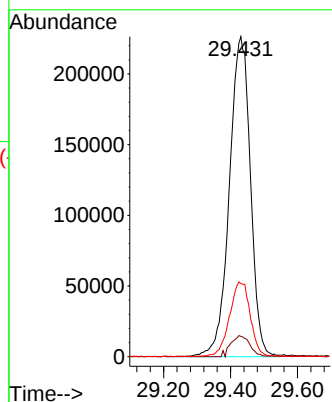
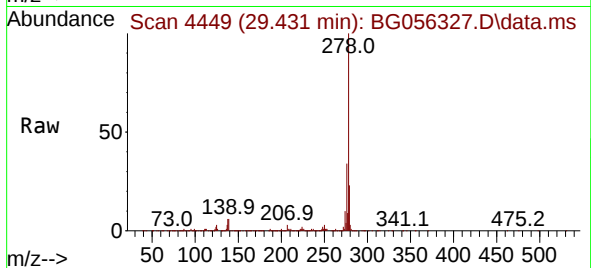
Tgt Ion:278 Resp: 989570

Ion Ratio Lower Upper

278 100

139 6.3 4.8 7.2

279 22.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 46.513 ng

RT: 30.623 min Scan# 4652

Delta R.T. 0.009 min

Lab File: BG056327.D

Acq: 18 Jan 2023 13:47

Tgt Ion:276 Resp: 934833

Ion Ratio Lower Upper

276 100

277 24.4 19.7 29.5

138 8.5 6.7 10.1

