

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058741.D
 Acq On : 16 Aug 2023 9:55
 Operator : MA/JU
 Sample : PB154790BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154790BS

Quant Time: Aug 16 10:29:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	30650	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	134134	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	98869	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	251553	20.000	ng	0.00
76) Chrysene-d12	21.450	240	216387	20.000	ng	0.00
86) Perylene-d12	24.523	264	268553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	261548	130.429	ng	0.00
7) Phenol-d6	6.984	99	355435	127.381	ng	0.00
23) Nitrobenzene-d5	8.976	82	214326	78.495	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	186302	114.963	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	505522	76.624	ng	0.00
79) Terphenyl-d14	19.822	244	986447	85.728	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.259	88	31132	32.039	ng	# 88
3) Pyridine	3.659	79	79904	30.161	ng	# 85
4) n-Nitrosodimethylamine	3.577	42	51104	45.528	ng	# 84
6) Aniline	7.137	93	97824	28.475	ng	100
8) 2-Chlorophenol	7.378	128	96457	49.032	ng	98
9) Benzaldehyde	6.949	77	37005	24.410	ng	95
10) Phenol	7.014	94	132611	48.652	ng	94
11) bis(2-Chloroethyl)ether	7.231	93	89614	41.703	ng	93
12) 1,3-Dichlorobenzene	7.695	146	94028	44.761	ng	97
13) 1,4-Dichlorobenzene	7.842	146	96529	45.765	ng	98
14) 1,2-Dichlorobenzene	8.159	146	93824	46.526	ng	97
15) Benzyl Alcohol	8.054	79	95832	54.156	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.336	45	186397	53.400	ng	93
17) 2-Methylphenol	8.259	107	89560	44.938	ng	98
18) Hexachloroethane	8.888	117	35512	46.321	ng	95
19) n-Nitroso-di-n-propyla...	8.618	70	76981	42.712	ng	# 88
20) 3+4-Methylphenols	8.588	107	122259	45.351	ng	96
22) Acetophenone	8.635	105	150139	41.803	ng	95
24) Nitrobenzene	9.017	77	116124	41.834	ng	96
25) Isophorone	9.534	82	223395	39.598	ng	99
26) 2-Nitrophenol	9.728	139	52542	43.483	ng	93
27) 2,4-Dimethylphenol	9.787	122	85553	42.685	ng	97
28) bis(2-Chloroethoxy)met...	10.022	93	126093	41.070	ng	97
29) 2,4-Dichlorophenol	10.263	162	95373	45.829	ng	97
30) 1,2,4-Trichlorobenzene	10.474	180	102021	42.510	ng	100
31) Naphthalene	10.662	128	292908	41.432	ng	98
32) Benzoic acid	9.951	122	53147	35.995	ng	98
33) 4-Chloroaniline	10.780	127	63302	21.193	ng	99
34) Hexachlorobutadiene	10.939	225	66845	43.250	ng	98
35) Caprolactam	11.561	113	22194	28.880	ng	# 86
36) 4-Chloro-3-methylphenol	11.914	107	117758	45.744	ng	97
37) 2-Methylnaphthalene	12.278	142	204519	40.443	ng	98
38) 1-Methylnaphthalene	12.496	142	199300	41.459	ng	99
40) 1,2,4,5-Tetrachloroben...	12.648	216	121742	40.108	ng	99
41) Hexachlorocyclopentadiene	12.625	237	101609	72.746	ng	99
43) 2,4,6-Trichlorophenol	12.895	196	87283	41.807	ng	96

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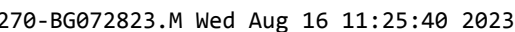
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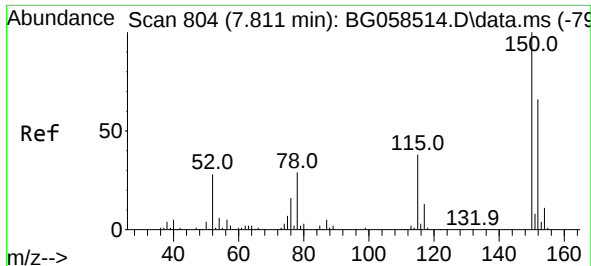
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	96645	39.301	ng	98
46) 1,1'-Biphenyl	13.289	154	277928	40.933	ng	97
47) 2-Chloronaphthalene	13.336	162	223715	42.258	ng	98
48) 2-Nitroaniline	13.547	65	88948	44.018	ng	97
49) Acenaphthylene	14.182	152	372676	42.046	ng	99
50) Dimethylphthalate	13.917	163	314837	42.401	ng	99
51) 2,6-Dinitrotoluene	14.041	165	70713	43.402	ng	97
52) Acenaphthene	14.523	154	207624	40.540	ng	98
53) 3-Nitroaniline	14.376	138	44920	27.557	ng	99
54) 2,4-Dinitrophenol	14.593	184	76947	83.427	ng	95
55) Dibenzofuran	14.858	168	363103	41.260	ng	98
56) 4-Nitrophenol	14.693	139	106507	87.838	ng	87
57) 2,4-Dinitrotoluene	14.834	165	101502	44.937	ng	92
58) Fluorene	15.510	166	296722	42.443	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.087	232	90576	43.165	ng	99
60) Diethylphthalate	15.281	149	335872	44.401	ng	99
61) 4-Chlorophenyl-phenylether	15.498	204	161962	41.554	ng	96
62) 4-Nitroaniline	15.545	138	72996	47.273	ng	96
63) Azobenzene	15.792	77	306675	41.160	ng	97
65) 4,6-Dinitro-2-methylph...	15.604	198	60501	43.619	ng	99
66) n-Nitrosodiphenylamine	15.715	169	266157	40.652	ng	99
67) 4-Bromophenyl-phenylether	16.391	248	113420	39.753	ng	96
68) Hexachlorobenzene	16.514	284	126210	41.745	ng	98
69) Atrazine	16.667	200	114591	51.847	ng	97
70) Pentachlorophenol	16.861	266	121465	66.375	ng	96
71) Phenanthrene	17.249	178	507385	42.531	ng	99
72) Anthracene	17.337	178	514311	42.016	ng	99
73) Carbazole	17.613	167	483047	44.750	ng	99
74) Di-n-butylphthalate	18.165	149	607221	44.911	ng	99
75) Fluoranthene	19.264	202	619121	43.204	ng	98
77) Benzidine	19.452	184	208656	63.589	ng	98
78) Pyrene	19.628	202	638650	43.368	ng	99
80) Butylbenzylphthalate	20.510	149	269954	44.628	ng	98
81) Benzo(a)anthracene	21.432	228	646388	43.406	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	176550	35.065	ng	99
83) Chrysene	21.491	228	601321	42.116	ng	98
84) Bis(2-ethylhexyl)phtha...	21.332	149	393638	44.531	ng	99
85) Di-n-octyl phthalate	22.484	149	690009	44.399	ng	97
87) Indeno(1,2,3-cd)pyrene	28.024	276	811563	45.425	ng	98
88) Benzo(b)fluoranthene	23.547	252	681094	46.760	ng	100
89) Benzo(k)fluoranthene	23.612	252	665994	45.514	ng	99
90) Benzo(a)pyrene	24.382	252	608389	42.531	ng	99
91) Dibenzo(a,h)anthracene	28.071	278	669613	45.328	ng	97
92) Benzo(g,h,i)perylene	29.117	276	656731	44.334	ng	99

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

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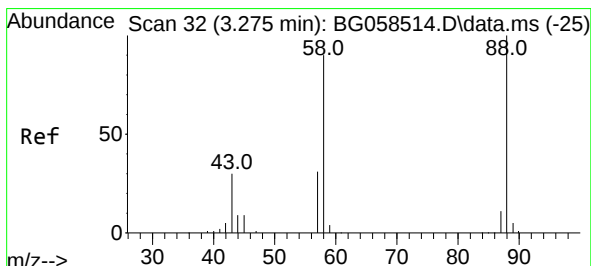
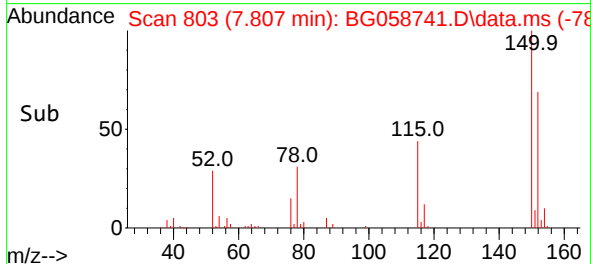
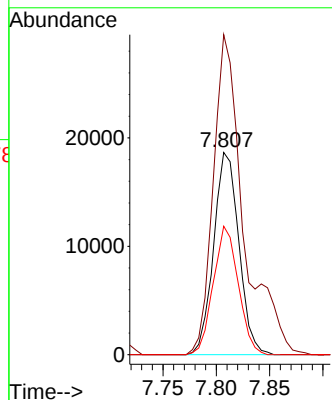
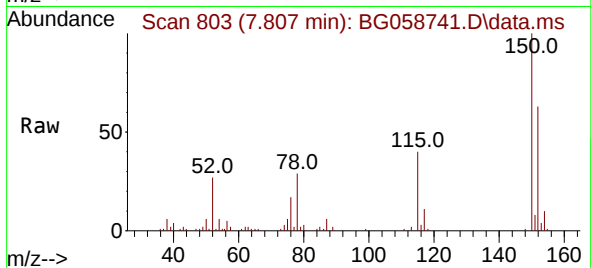




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

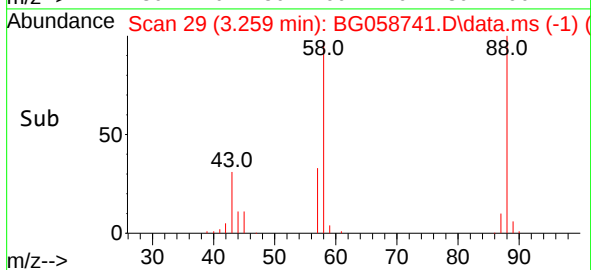
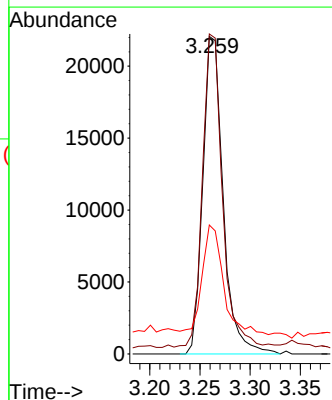
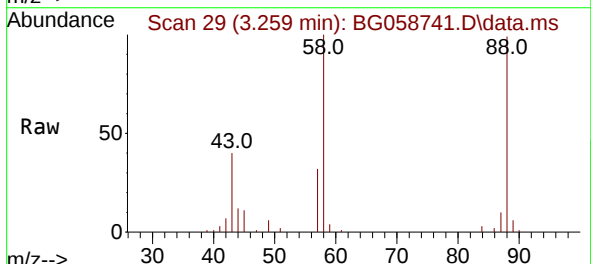
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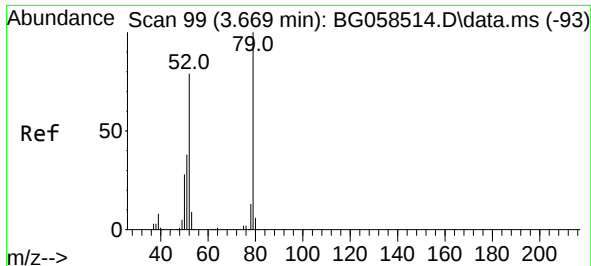
Tgt Ion:152 Resp: 30650
Ion Ratio Lower Upper
152 100
150 158.2 120.5 180.7
115 63.5 45.9 68.9



#2
1,4-Dioxane
Concen: 32.039 ng
RT: 3.259 min Scan# 29
Delta R.T. -0.016 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion: 88 Resp: 31132
Ion Ratio Lower Upper
88 100
58 96.8 68.9 103.3
43 36.0 22.9 34.3#

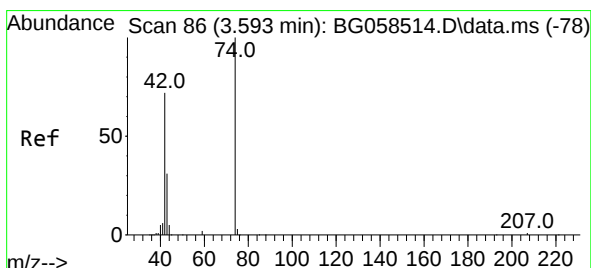
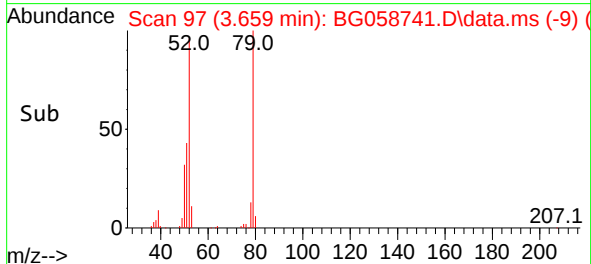
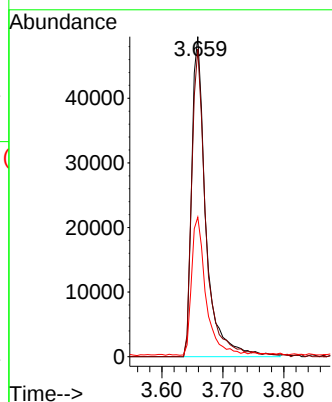
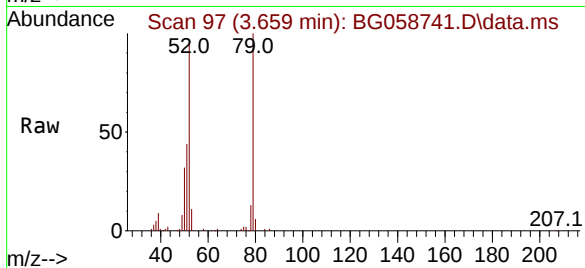




#3
 Pyridine
 Concen: 30.161 ng
 RT: 3.659 min Scan# 91
 Delta R.T. -0.010 min
 Lab File: BG058741.D
 Acq: 16 Aug 2023 9:55

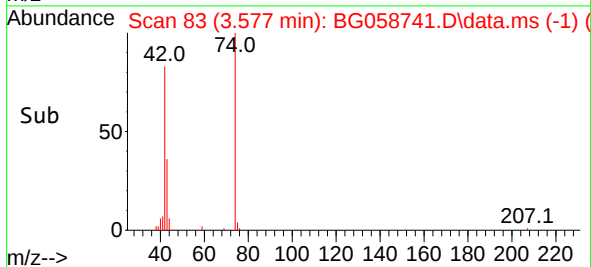
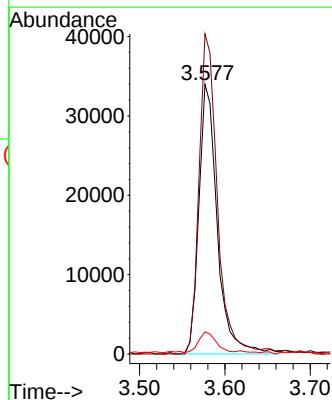
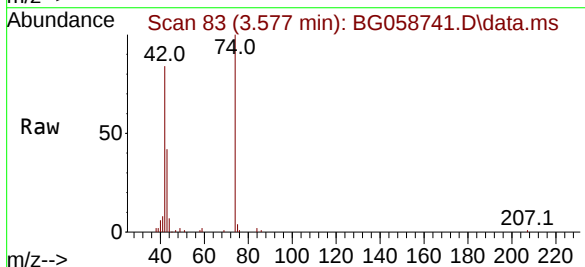
Instrument :
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 ClientSampleId :
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Tgt Ion: 79 Resp: 79904
 Ion Ratio Lower Upper
 79 100
 52 96.2 63.2 94.8#
 51 43.6 31.9 47.9



#4
 n-Nitrosodimethylamine
 Concen: 45.528 ng
 RT: 3.577 min Scan# 83
 Delta R.T. -0.016 min
 Lab File: BG058741.D
 Acq: 16 Aug 2023 9:55

Tgt Ion: 42 Resp: 51104
 Ion Ratio Lower Upper
 42 100
 74 118.7 111.5 167.3
 44 8.2 5.4 8.2#

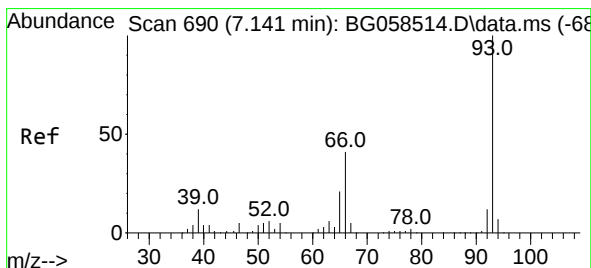
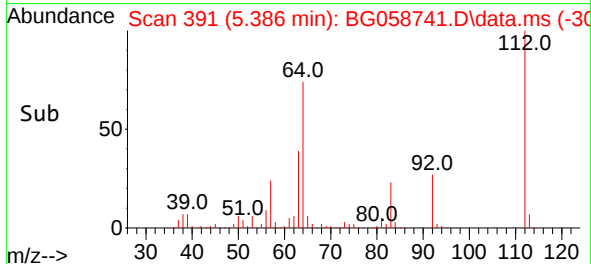
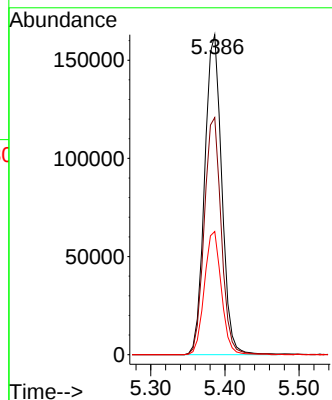
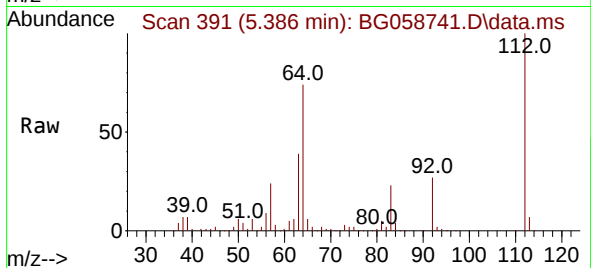




#5
2-Fluorophenol
Concen: 130.429 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

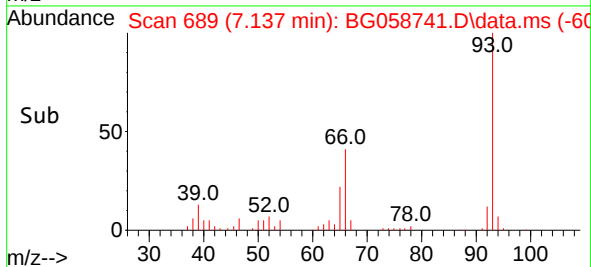
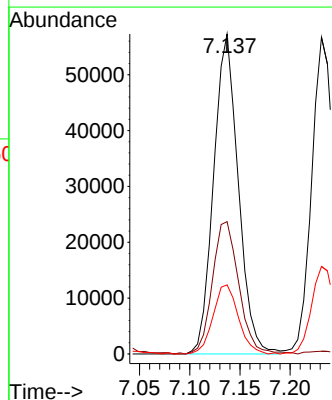
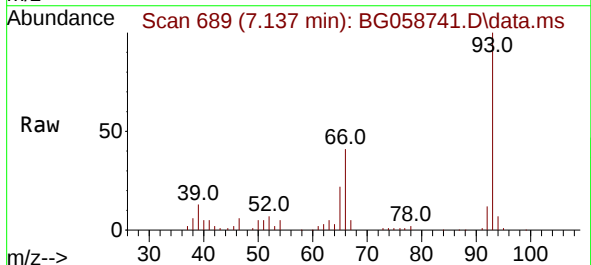
Instrument :
BNA_G
ClientSampleId :
PB154790BS

Tgt Ion:112 Resp: 261548
Ion Ratio Lower Upper
112 100
64 74.1 55.3 82.9
63 38.5 28.3 42.5



#6
Aniline
Concen: 28.475 ng
RT: 7.137 min Scan# 689
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion: 93 Resp: 97824
Ion Ratio Lower Upper
93 100
66 41.3 33.1 49.7
65 21.6 17.0 25.4

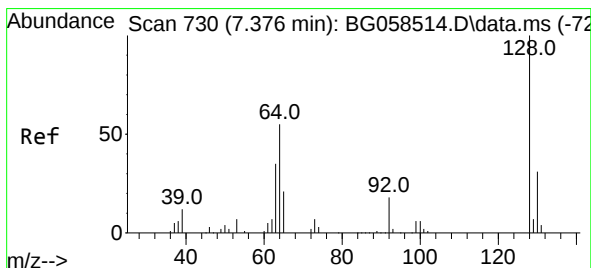
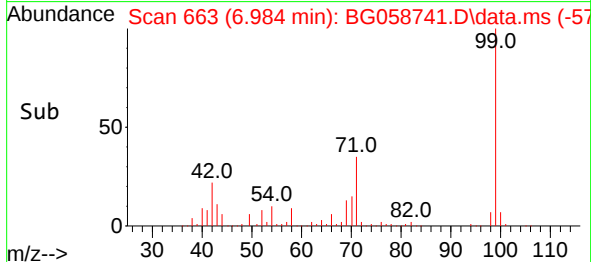
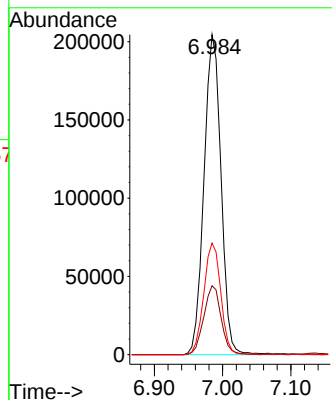
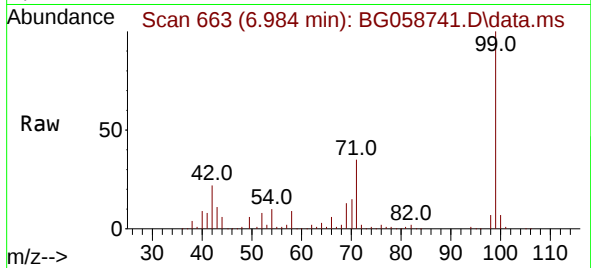




#7
Phenol-d6
Concen: 127.381 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058741.D
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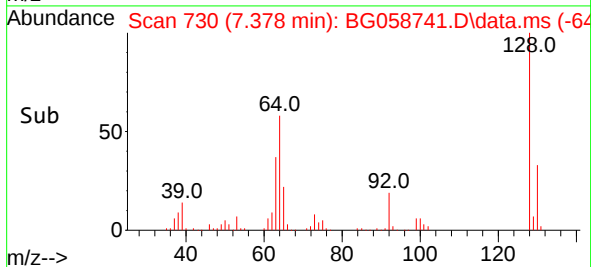
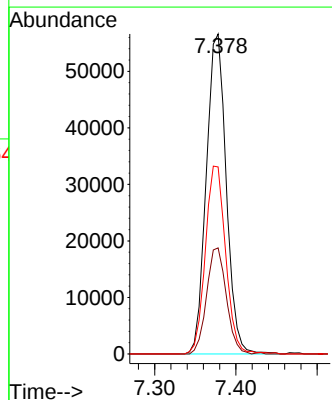
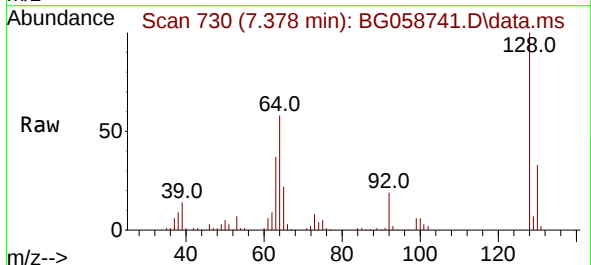
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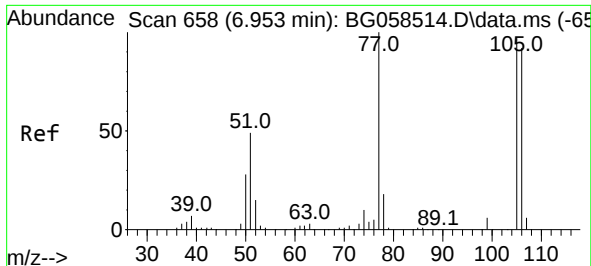
Tgt Ion: 99 Resp: 355435
Ion Ratio Lower Upper
99 100
42 21.5 14.6 21.8
71 34.9 25.0 37.4



#8
2-Chlorophenol
Concen: 49.032 ng
RT: 7.378 min Scan# 730
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion: 128 Resp: 96457
Ion Ratio Lower Upper
128 100
130 33.1 10.9 50.9
64 58.4 39.0 79.0

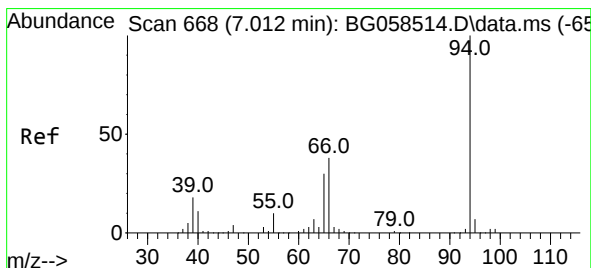
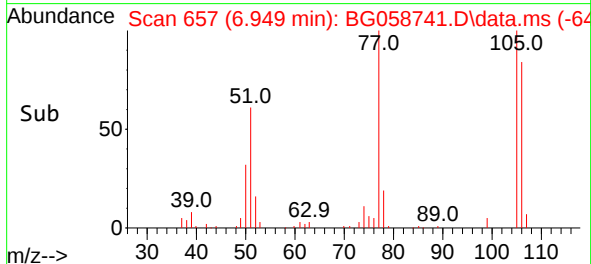
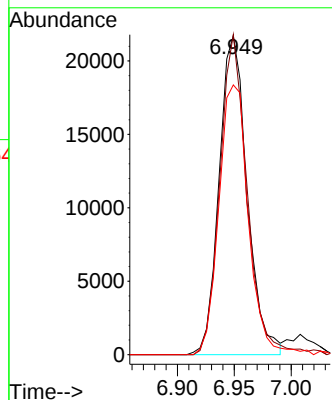
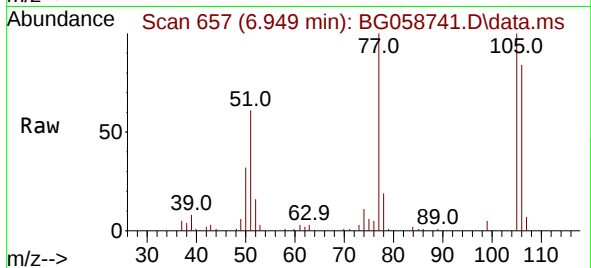




#9
Benzaldehyde
Concen: 24.410 ng
RT: 6.949 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

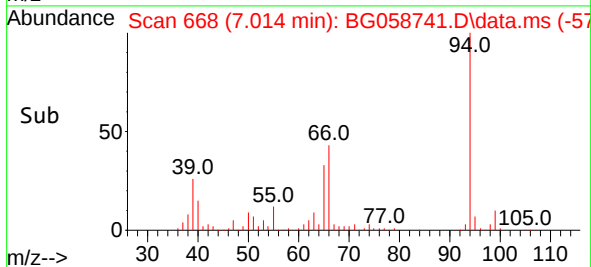
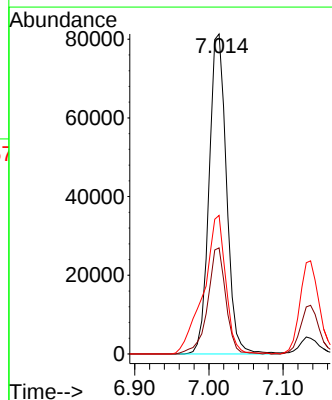
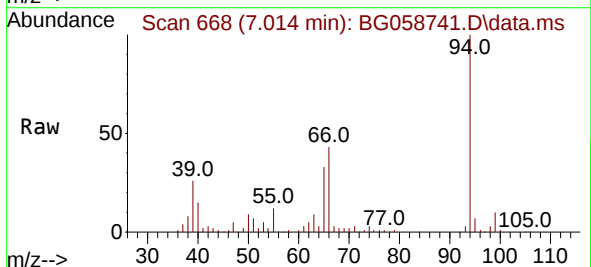
Instrument :
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Tgt Ion: 77 Resp: 37005
Ion Ratio Lower Upper
77 100
105 100.3 77.1 117.1
106 84.6 71.6 111.6



#10
Phenol
Concen: 48.652 ng
RT: 7.014 min Scan# 668
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion: 94 Resp: 132611
Ion Ratio Lower Upper
94 100
65 33.2 10.4 50.4
66 43.3 18.7 58.7

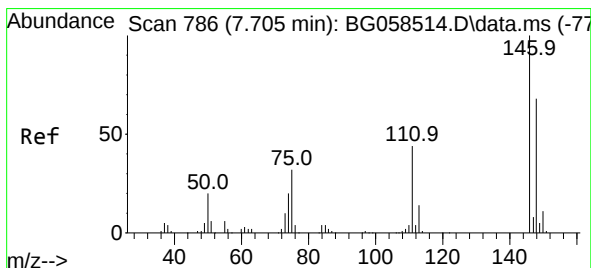
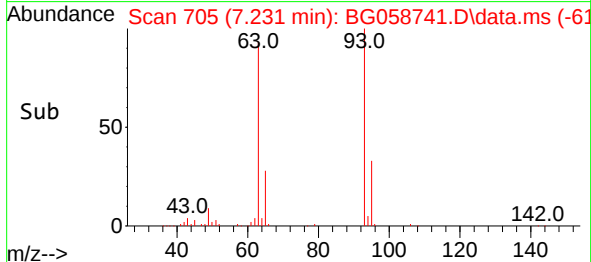
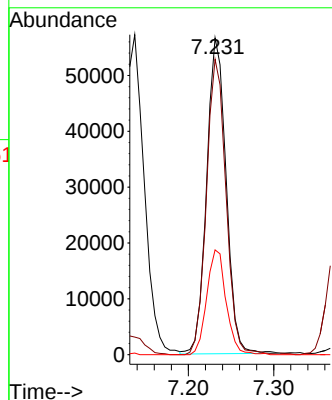
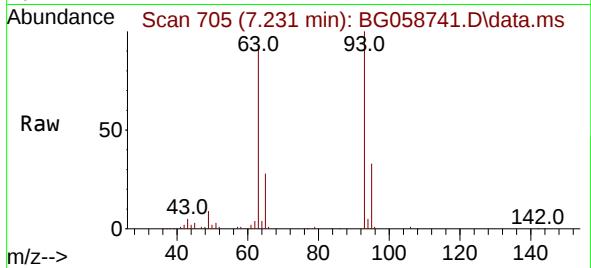




#11
bis(2-Chloroethyl)ether
Concen: 41.703 ng
RT: 7.231 min Scan# 706
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

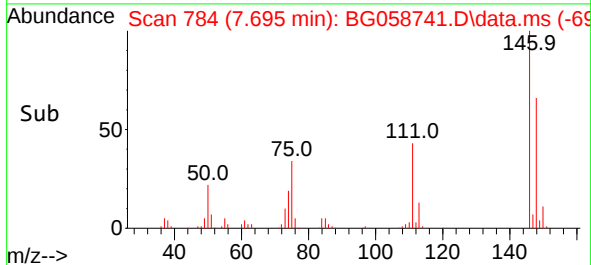
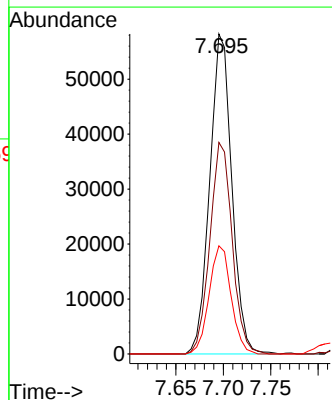
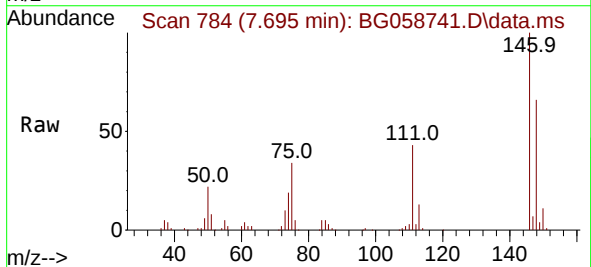
Instrument :
BNA_G
ClientSampleId :
PB154790BS

Tgt Ion: 93 Resp: 89614
Ion Ratio Lower Upper
93 100
63 93.2 65.5 105.5
95 33.1 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 44.761 ng
RT: 7.695 min Scan# 784
Delta R.T. -0.010 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:146 Resp: 94028
Ion Ratio Lower Upper
146 100
148 66.1 54.7 82.1
75 33.8 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 45.765 ng

RT: 7.842 min Scan# 809

Delta R.T. -0.010 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

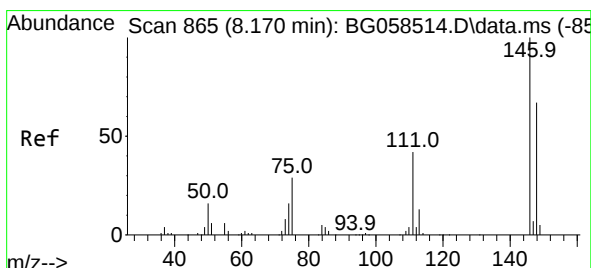
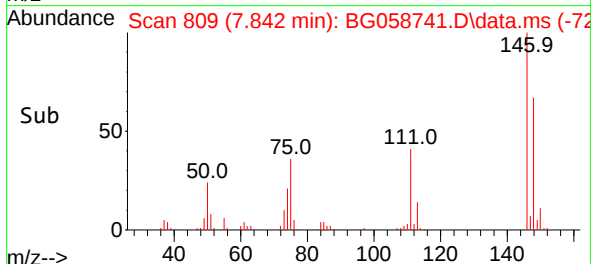
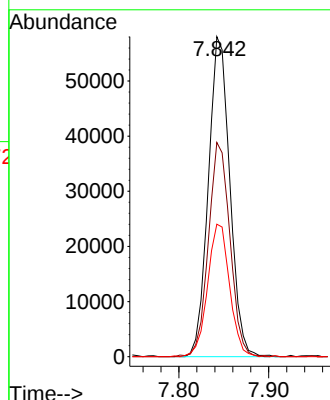
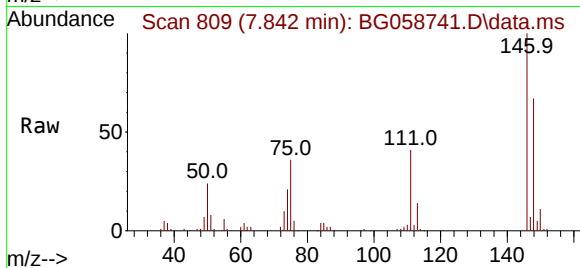
Tgt Ion:146 Resp: 96529

Ion Ratio Lower Upper

146 100

148 67.0 52.8 79.2

111 41.4 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 46.526 ng

RT: 8.159 min Scan# 863

Delta R.T. -0.010 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

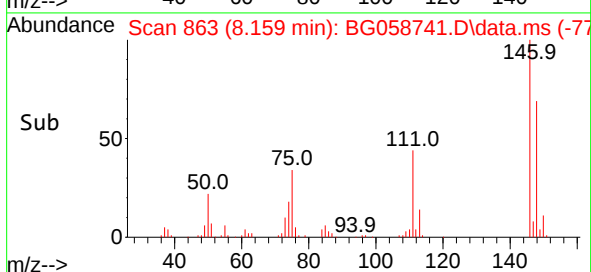
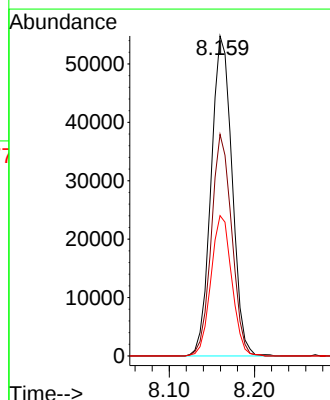
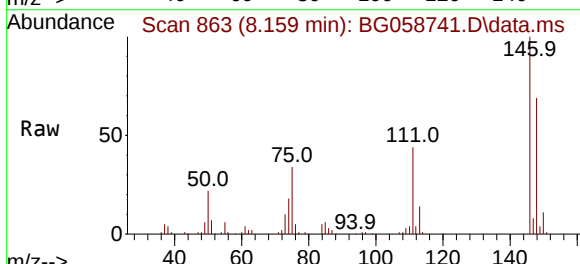
Tgt Ion:146 Resp: 93824

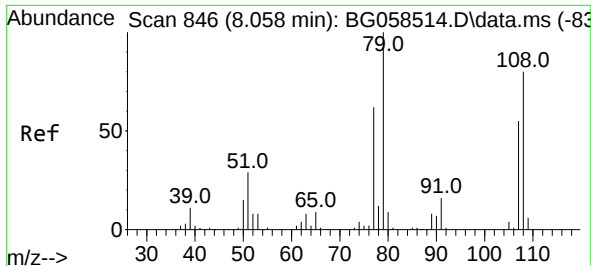
Ion Ratio Lower Upper

146 100

148 69.3 53.4 80.2

111 43.9 34.2 51.2

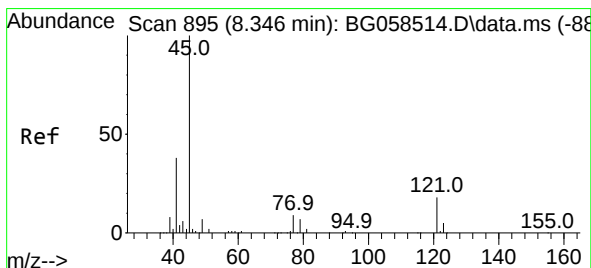
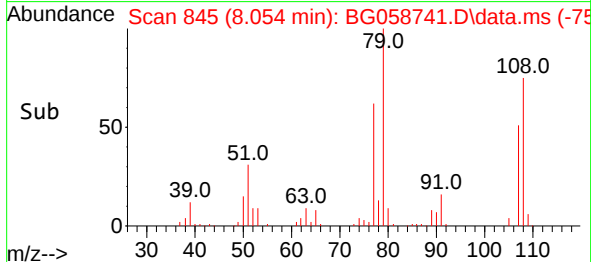
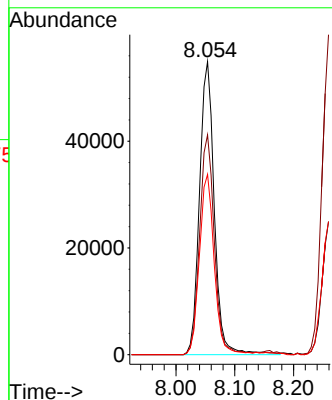
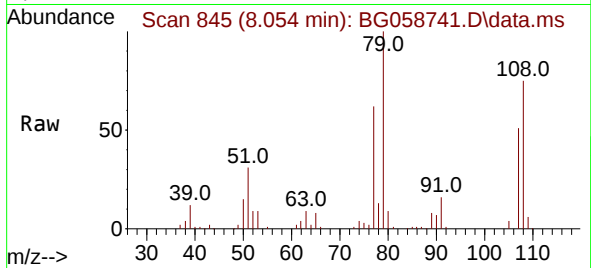




#15
Benzyl Alcohol
Concen: 54.156 ng
RT: 8.054 min Scan# 846
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

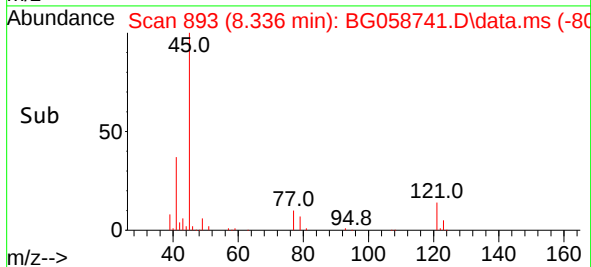
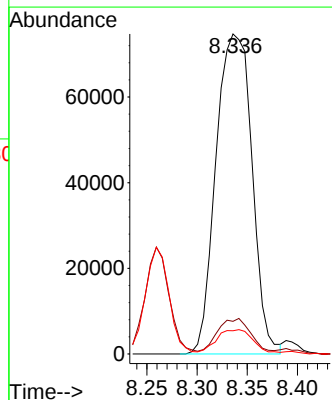
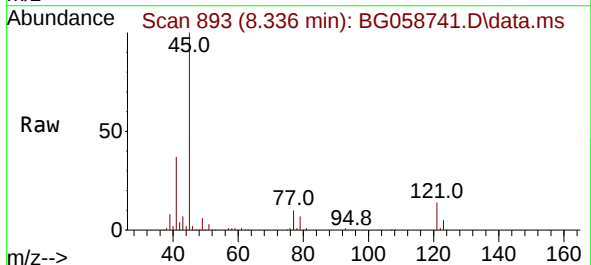
Instrument :
BNA_G
ClientSampleId :
PB154790BS

Tgt Ion: 79 Resp: 95832
Ion Ratio Lower Upper
79 100
108 75.0 63.8 95.6
77 61.5 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.400 ng
RT: 8.336 min Scan# 893
Delta R.T. -0.010 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion: 45 Resp: 186397
Ion Ratio Lower Upper
45 100
77 10.2 0.0 32.6
79 7.3 0.0 30.2

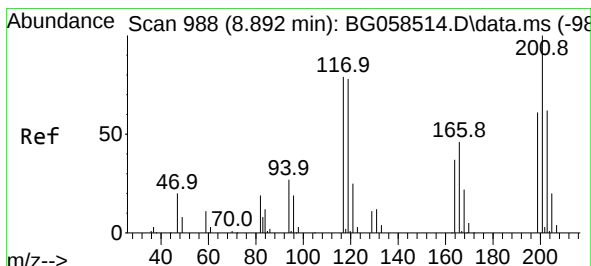
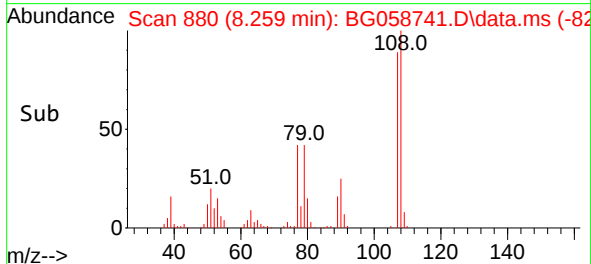
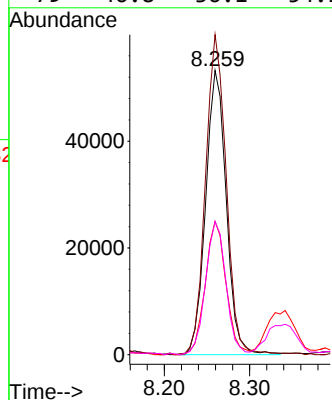
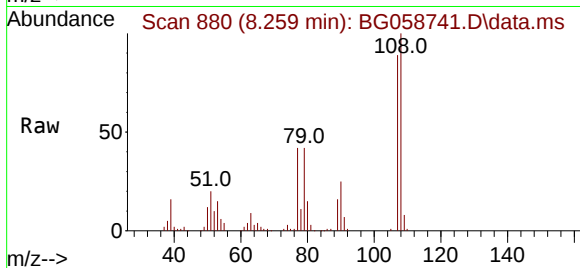




#17
2-Methylphenol
Concen: 44.938 ng
RT: 8.259 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

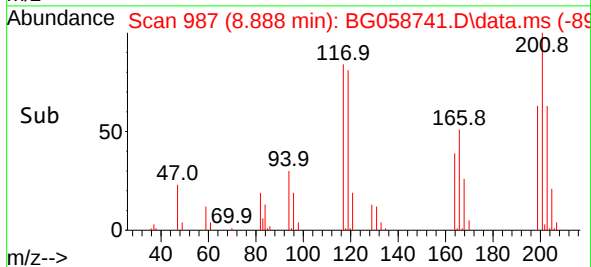
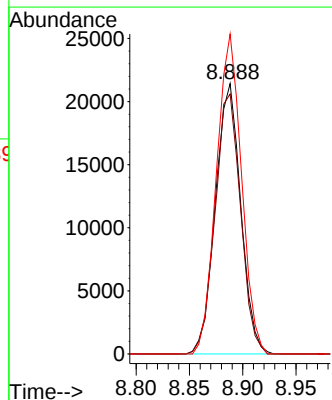
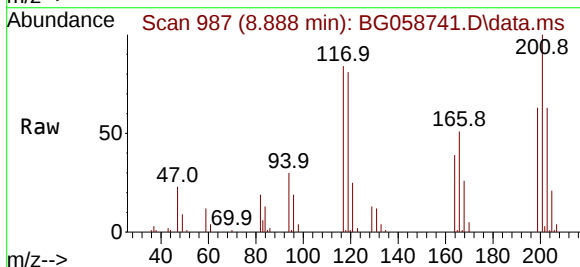
Instrument :
BNA_G
ClientSampleId :
PB154790BS

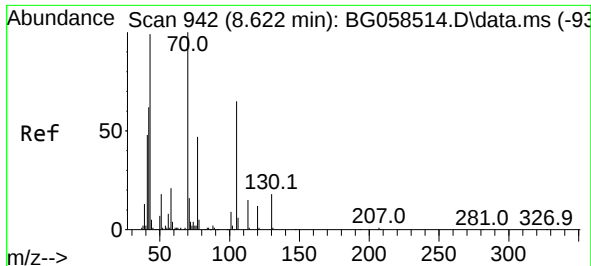
Tgt Ion:	107	Resp:	89560
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.1	133.7
77	46.9	36.2	54.4
79	46.8	36.1	54.1



#18
Hexachloroethane
Concen: 46.321 ng
RT: 8.888 min Scan# 987
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:	117	Resp:	35512
Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.6	117.8
201	118.4	101.4	152.0

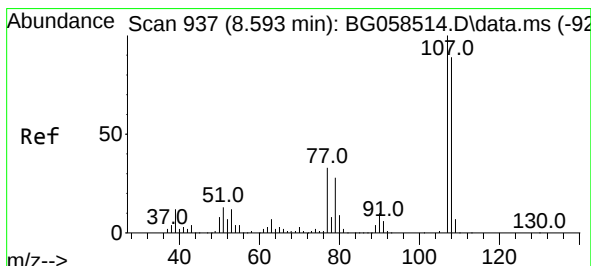
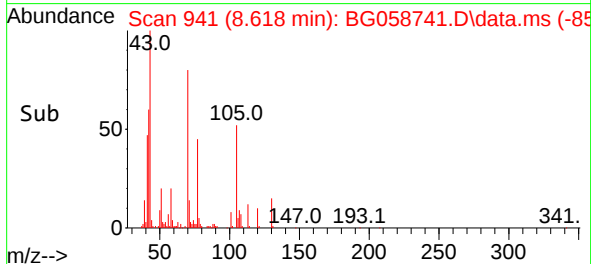
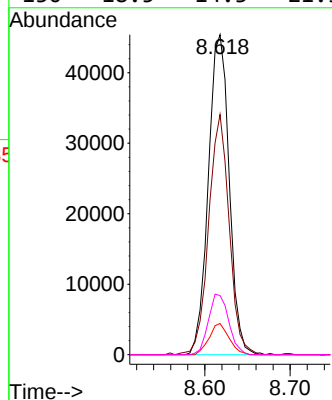
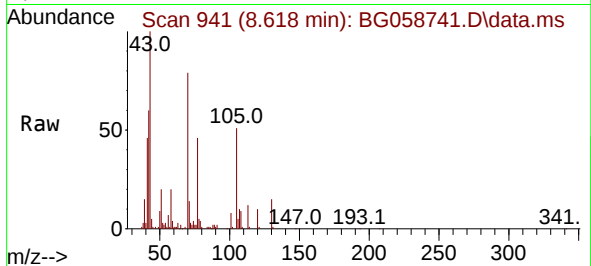




#19
n-Nitroso-di-n-propylamine
Concen: 42.712 ng
RT: 8.618 min Scan# 941
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

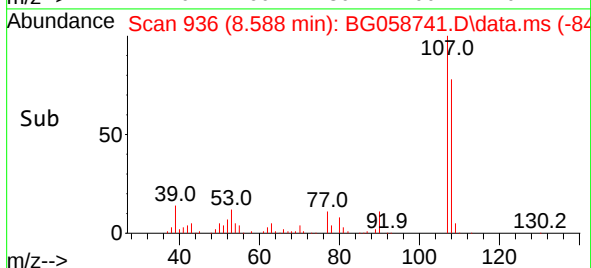
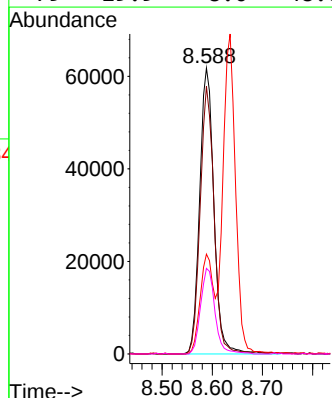
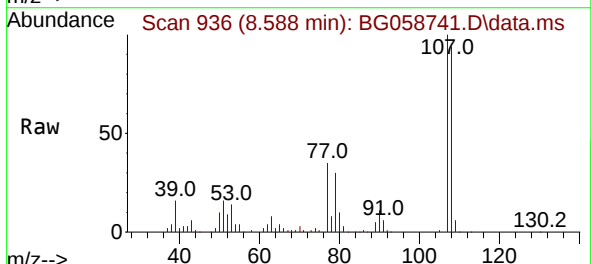
Instrument :
BNA_G
ClientSampleId :
PB154790BS

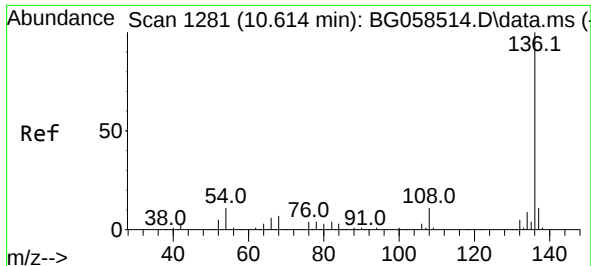
Tgt Ion: 70 Resp: 76981
Ion Ratio Lower Upper
70 100
42 75.0 49.7 74.5#
101 9.8 7.0 10.4
130 18.5 14.3 21.5



#20
3+4-Methylphenols
Concen: 45.351 ng
RT: 8.588 min Scan# 936
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion: 107 Resp: 122259
Ion Ratio Lower Upper
107 100
108 93.6 69.4 109.4
77 34.9 13.0 53.0
79 29.9 8.0 48.0

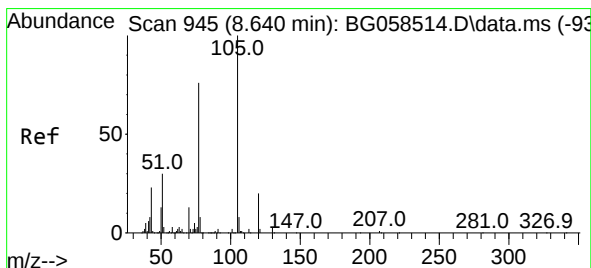
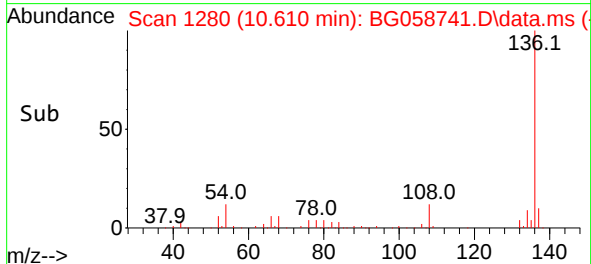
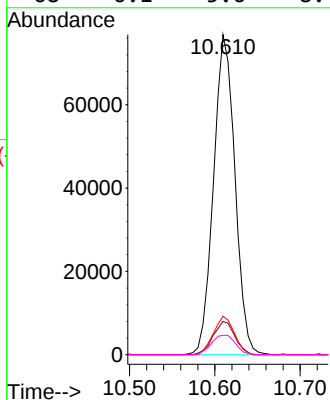
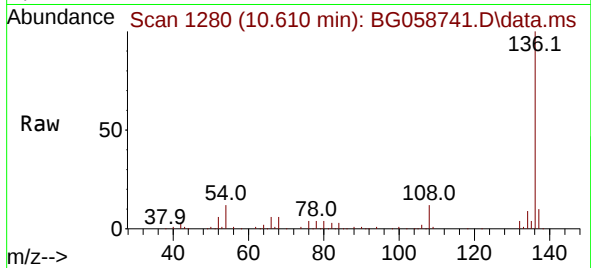




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

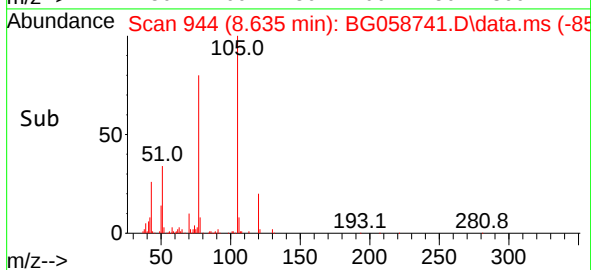
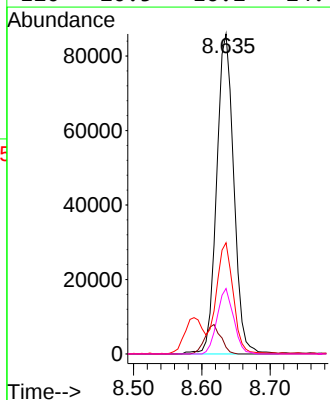
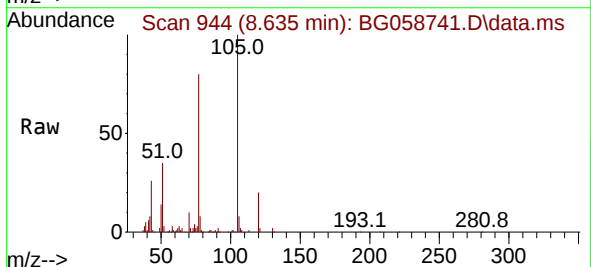
Instrument :
BNA_G
ClientSampleId :
PB154790BS

Tgt Ion:	136	Resp:	134134
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.6	13.0
54	12.0	8.9	13.3
68	6.1	5.6	8.4



#22
Acetophenone
Concen: 41.803 ng
RT: 8.635 min Scan# 944
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:	105	Resp:	150139
Ion Ratio	Lower	Upper	
105	100		
71	2.1	1.8	2.6
51	34.8	24.2	36.2
120	20.5	16.2	24.4





#23
Nitrobenzene-d5
Concen: 78.495 ng
RT: 8.976 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

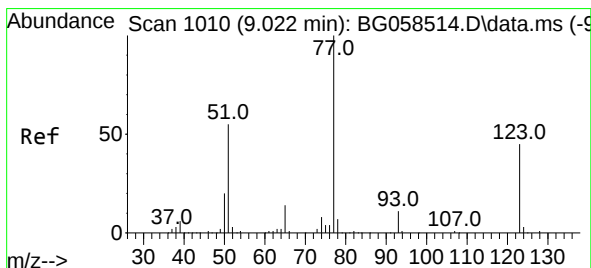
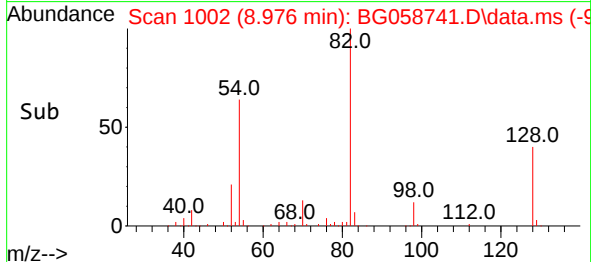
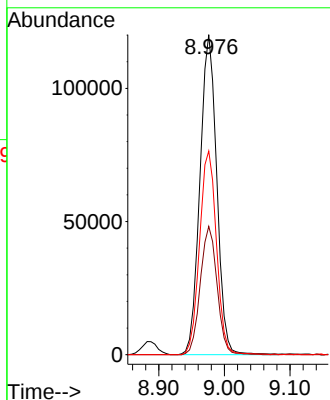
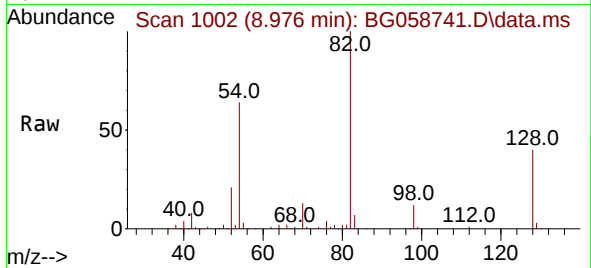
Instrument :

BNA_G

ClientSampleId :

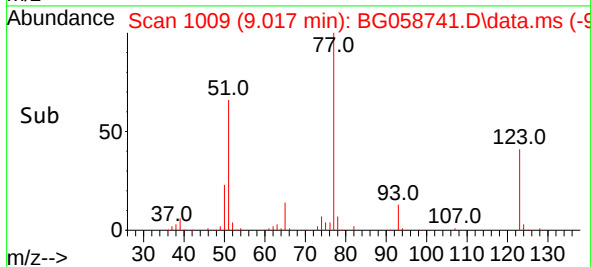
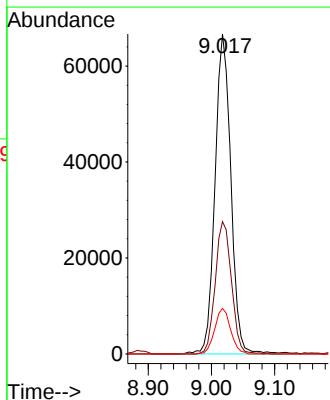
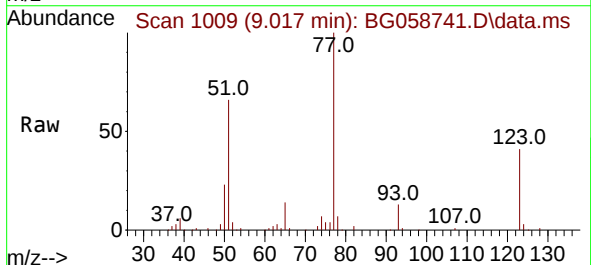
PB154790BS

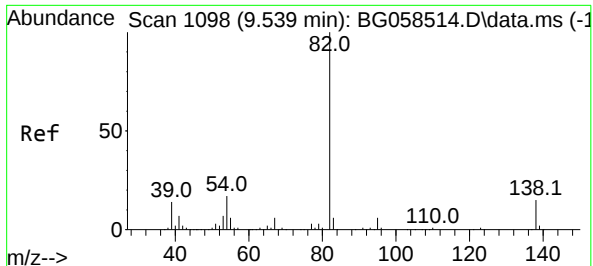
Tgt Ion: 82 Resp: 214326
Ion Ratio Lower Upper
82 100
128 40.1 32.2 48.2
54 63.6 46.0 69.0



#24
Nitrobenzene
Concen: 41.834 ng
RT: 9.017 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion: 77 Resp: 116124
Ion Ratio Lower Upper
77 100
123 41.4 35.6 53.4
65 14.3 11.4 17.0

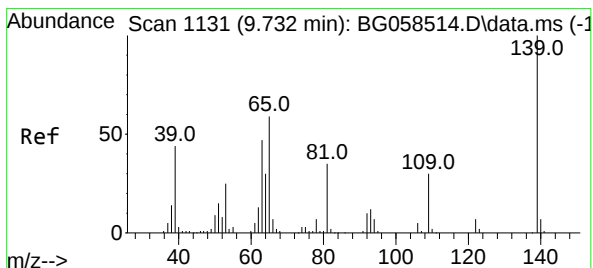
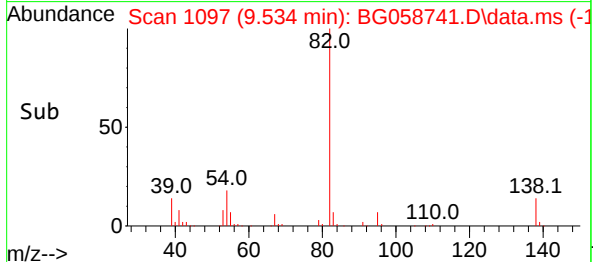
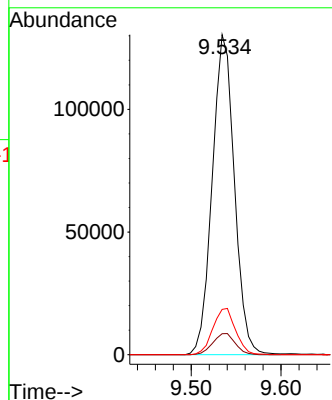
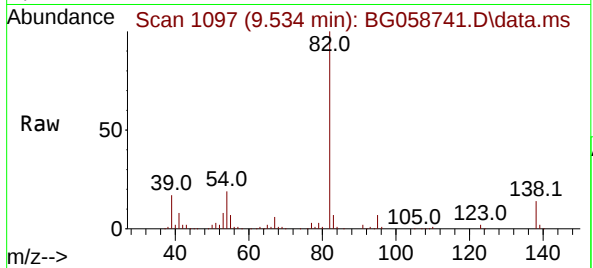




#25
Isophorone
Concen: 39.598 ng
RT: 9.534 min Scan# 110
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

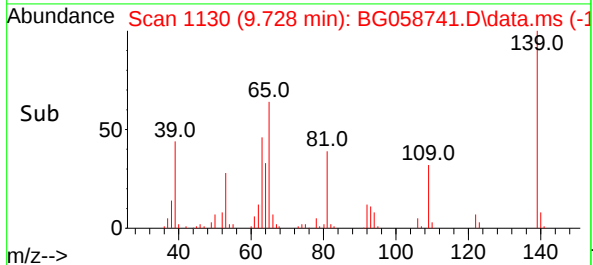
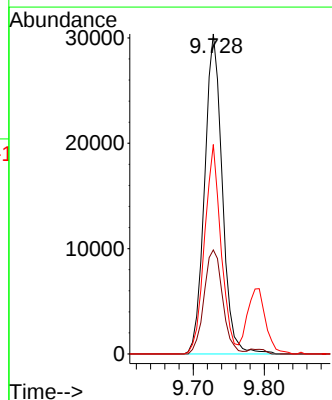
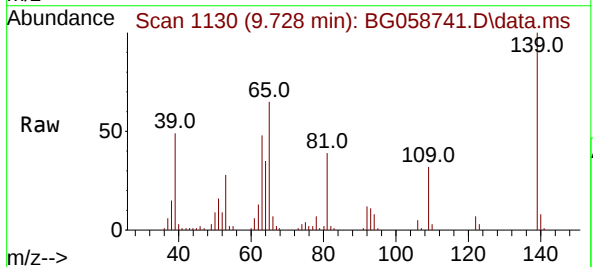
Instrument :
BNA_G
ClientSampleId :
PB154790BS

Tgt Ion: 82 Resp: 223395
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 14.1 11.9 17.9



#26
2-Nitrophenol
Concen: 43.483 ng
RT: 9.728 min Scan# 1130
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion: 139 Resp: 52542
Ion Ratio Lower Upper
139 100
109 32.5 24.2 36.2
65 65.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.685 ng

RT: 9.787 min Scan# 1141

Delta R.T. -0.004 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

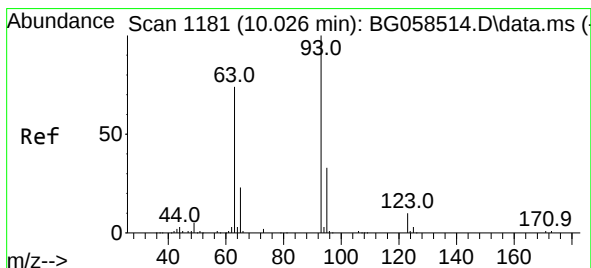
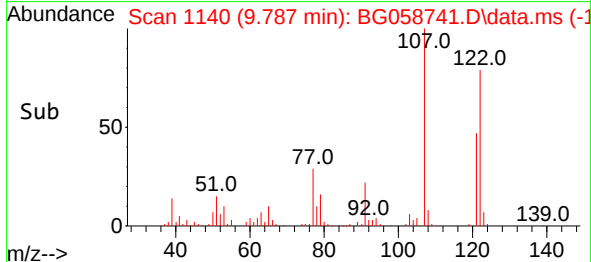
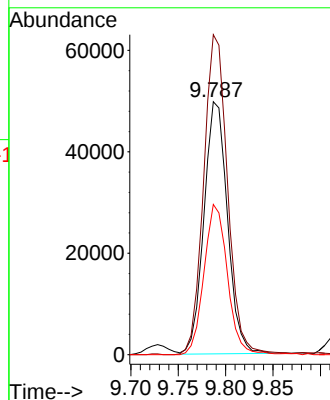
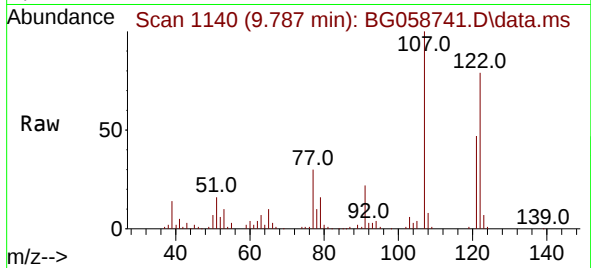
Tgt Ion:122 Resp: 85553

Ion Ratio Lower Upper

122 100

107 126.5 98.0 147.0

121 59.4 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.070 ng

RT: 10.022 min Scan# 1180

Delta R.T. -0.004 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

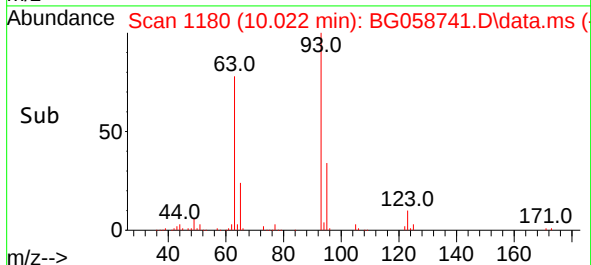
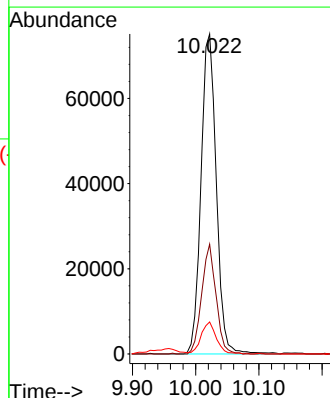
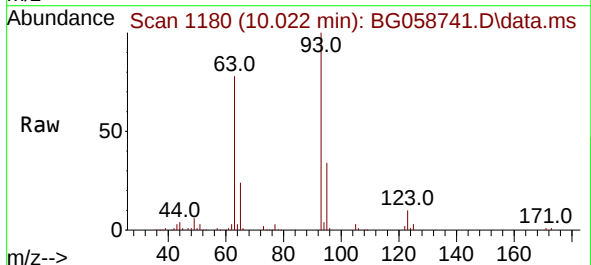
Tgt Ion: 93 Resp: 126093

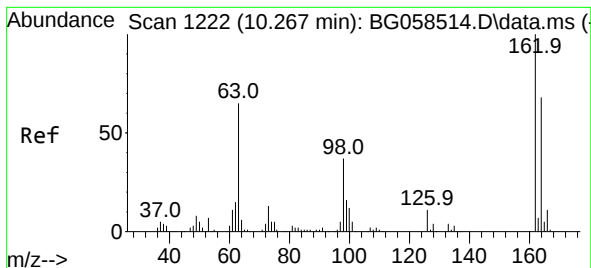
Ion Ratio Lower Upper

93 100

95 34.3 26.0 39.0

123 10.0 7.8 11.8

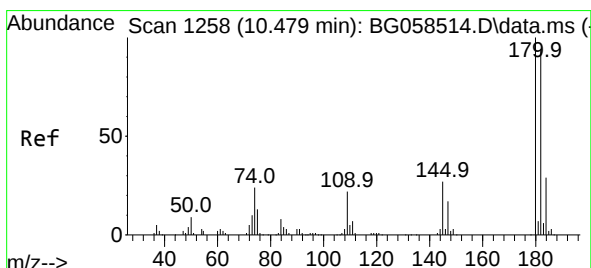
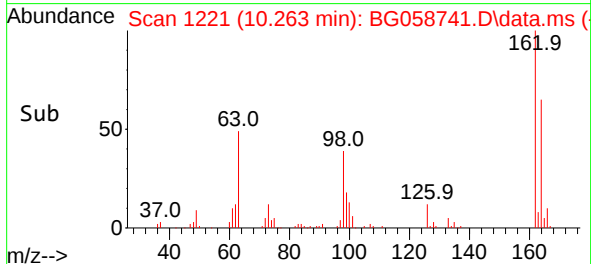
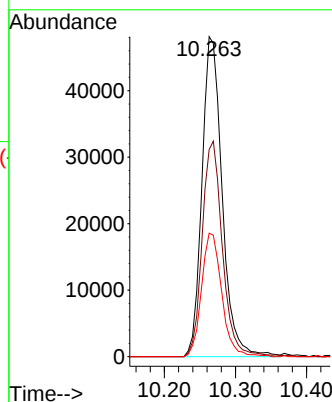
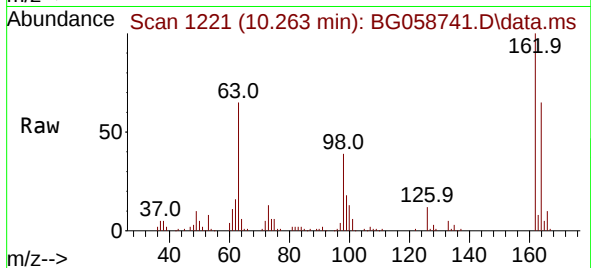




#29
2,4-Dichlorophenol
Concen: 45.829 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

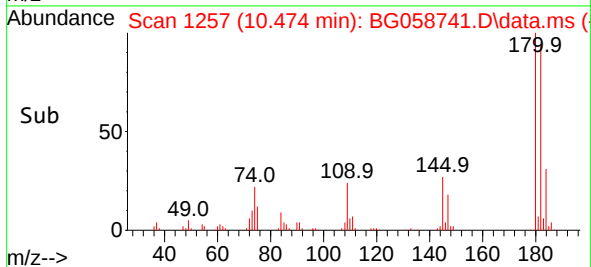
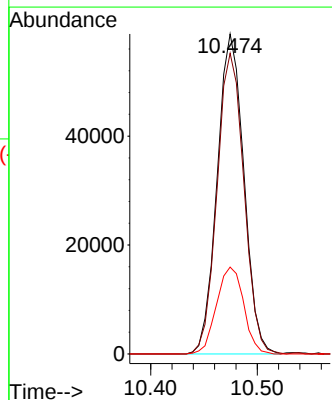
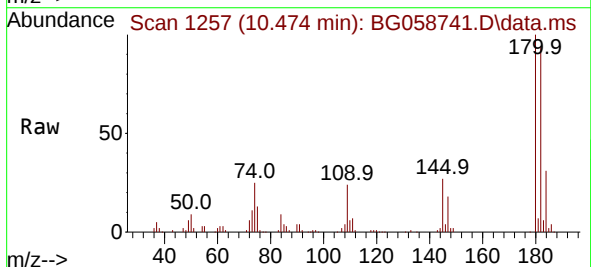
Instrument :
BNA_G
ClientSampleId :
PB154790BS

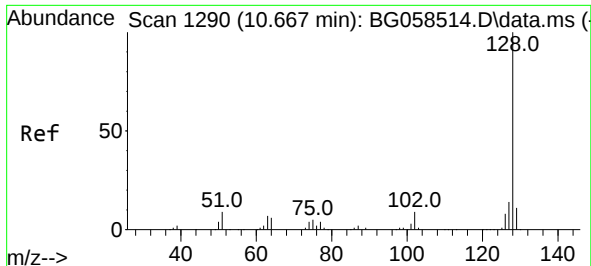
Tgt Ion:162 Resp: 95373
Ion Ratio Lower Upper
162 100
164 64.7 47.6 87.6
98 38.6 17.1 57.1



#30
1,2,4-Trichlorobenzene
Concen: 42.510 ng
RT: 10.474 min Scan# 1257
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:180 Resp: 102021
Ion Ratio Lower Upper
180 100
182 94.0 75.0 112.4
145 27.2 21.9 32.9

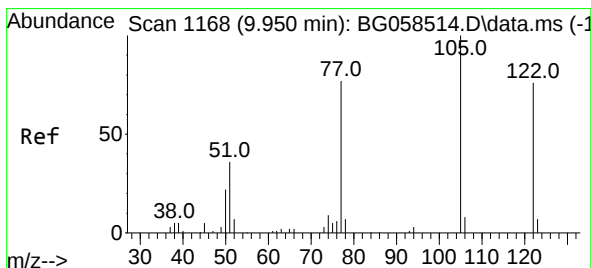
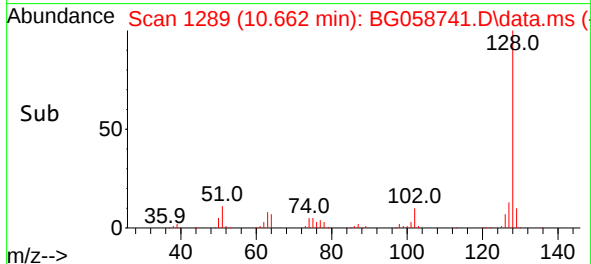
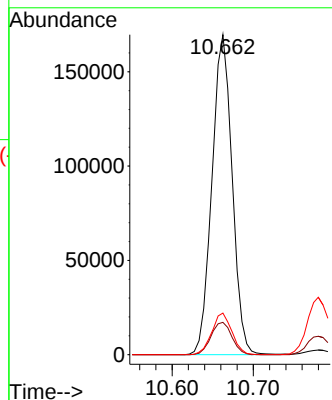
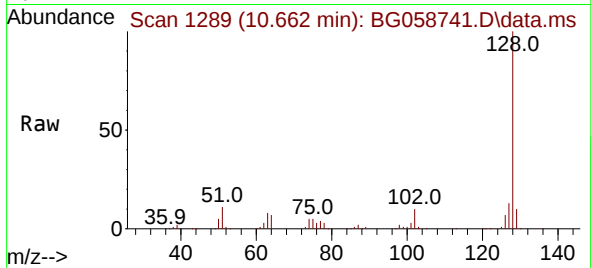




#31
Naphthalene
Concen: 41.432 ng
RT: 10.662 min Scan# 1128
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

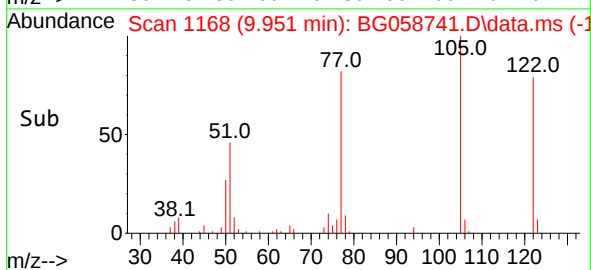
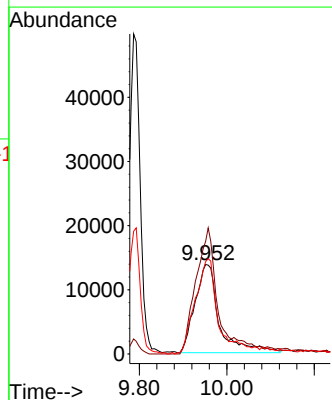
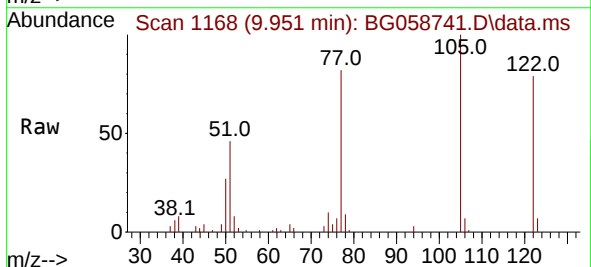
Instrument :
BNA_G
ClientSampleId :
PB154790BS

Tgt Ion:128 Resp: 292908
Ion Ratio Lower Upper
128 100
129 10.1 8.8 13.2
127 13.0 10.9 16.3



#32
Benzoic acid
Concen: 35.995 ng
RT: 9.951 min Scan# 1168
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:122 Resp: 53147
Ion Ratio Lower Upper
122 100
105 126.0 106.5 146.5
77 103.2 78.1 118.1

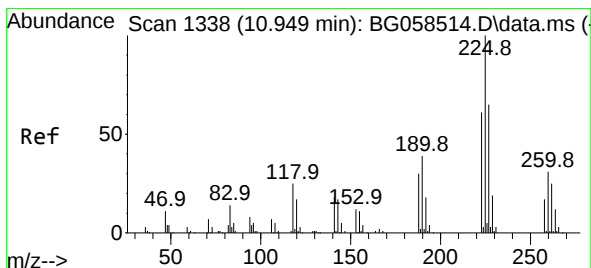
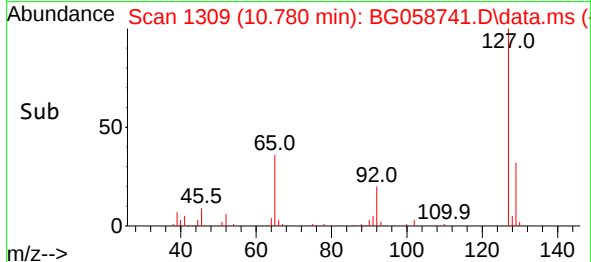
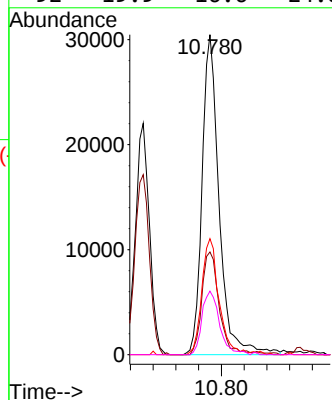
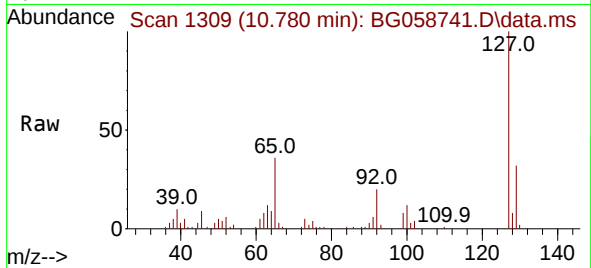




#33
4-Chloroaniline
Concen: 21.193 ng
RT: 10.780 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

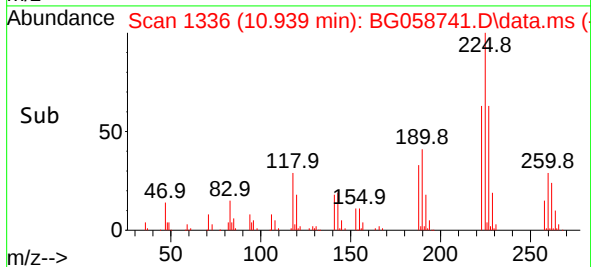
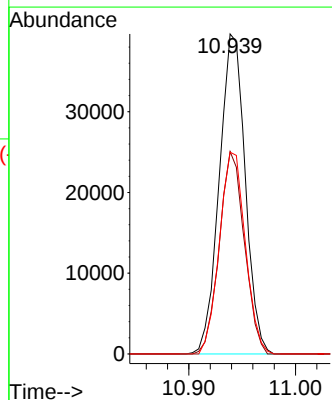
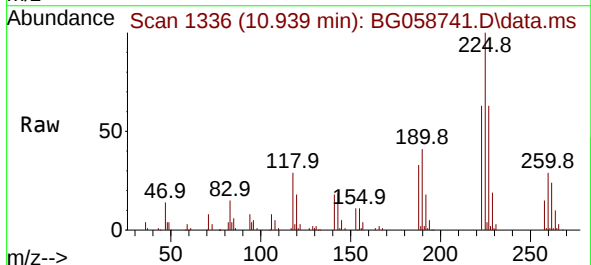
Instrument :
BNA_G
ClientSampleId :
PB154790BS

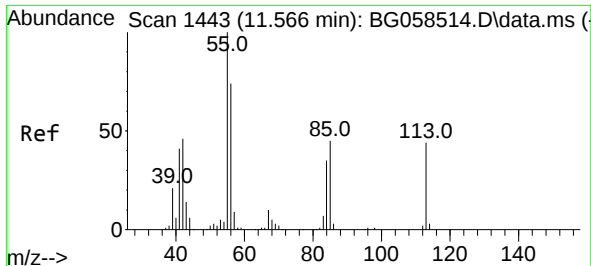
Tgt Ion:	127	Resp:	63302
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.2
65	36.3	29.5	44.3
92	19.9	16.6	24.8



#34
Hexachlorobutadiene
Concen: 43.250 ng
RT: 10.939 min Scan# 1336
Delta R.T. -0.010 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:	225	Resp:	66845
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.0	73.6
227	63.1	51.7	77.5

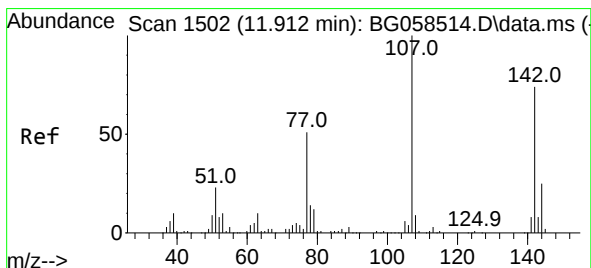
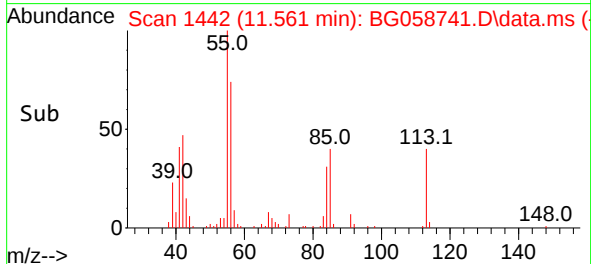
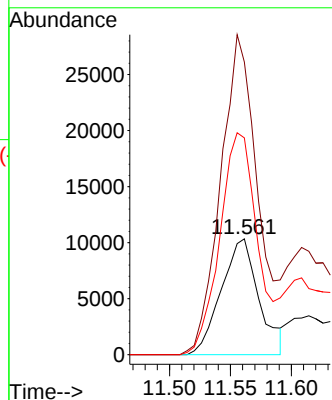
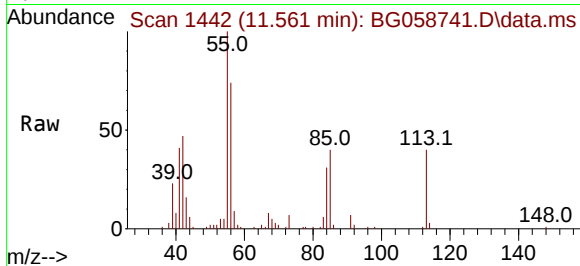




#35
Caprolactam
Concen: 28.880 ng
RT: 11.561 min Scan# 1443
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

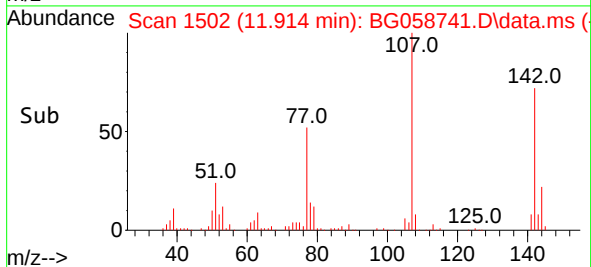
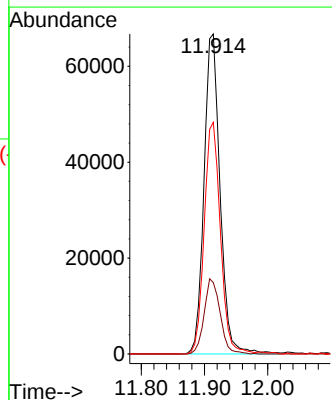
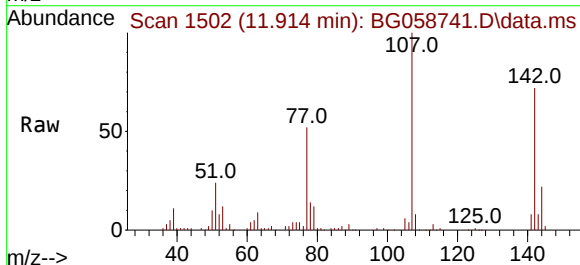
Instrument :
BNA_G
ClientSampleId :
PB154790BS

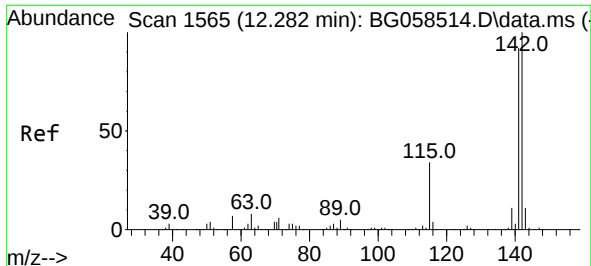
Tgt Ion:113 Resp: 22194
Ion Ratio Lower Upper
113 100
55 252.7 208.0 248.0#
56 187.2 148.6 188.6



#36
4-Chloro-3-methylphenol
Concen: 45.744 ng
RT: 11.914 min Scan# 1502
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:107 Resp: 117758
Ion Ratio Lower Upper
107 100
144 22.3 19.6 29.4
142 72.4 59.3 88.9

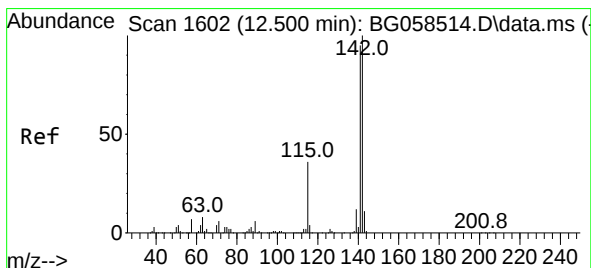
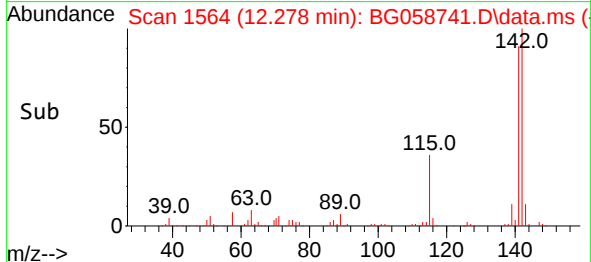
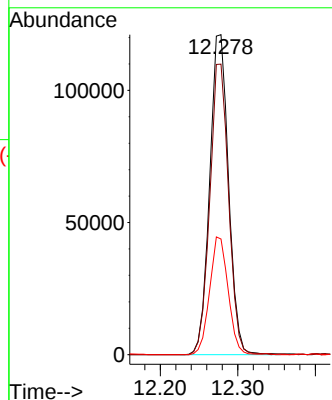
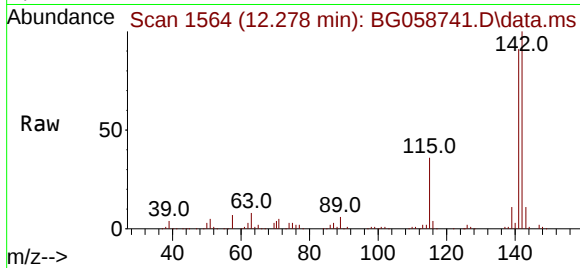




#37
2-Methylnaphthalene
Concen: 40.443 ng
RT: 12.278 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

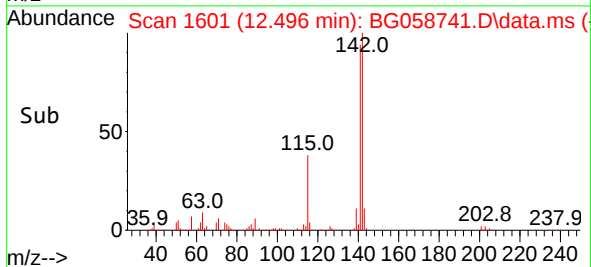
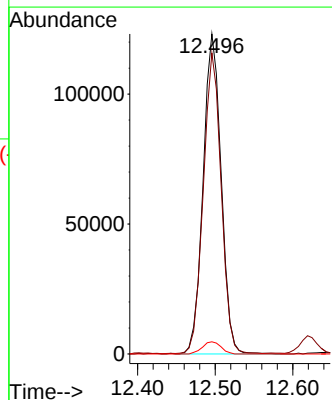
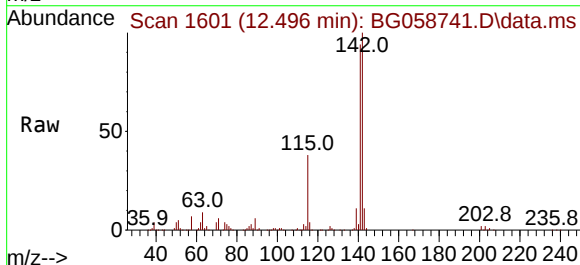
Instrument :
BNA_G
ClientSampleId :
PB154790BS

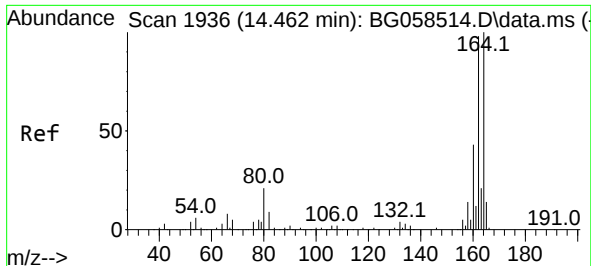
Tgt Ion:142 Resp: 204519
Ion Ratio Lower Upper
142 100
141 90.8 73.5 110.3
115 36.1 27.4 41.0



#38
1-Methylnaphthalene
Concen: 41.459 ng
RT: 12.496 min Scan# 1601
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:142 Resp: 199300
Ion Ratio Lower Upper
142 100
141 94.0 75.7 113.5
116 3.8 3.2 4.8

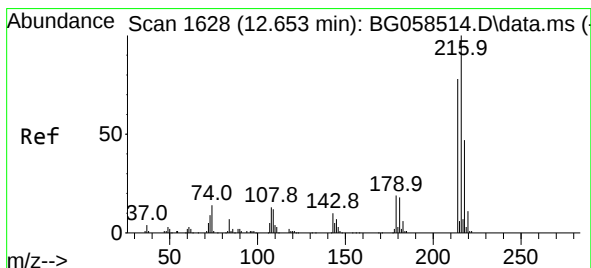
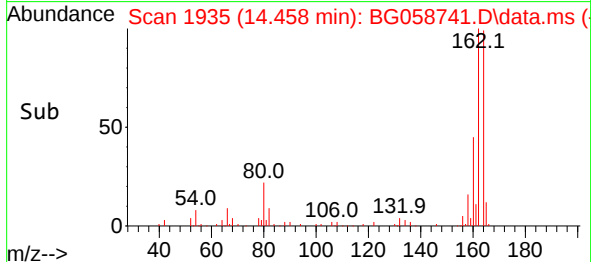
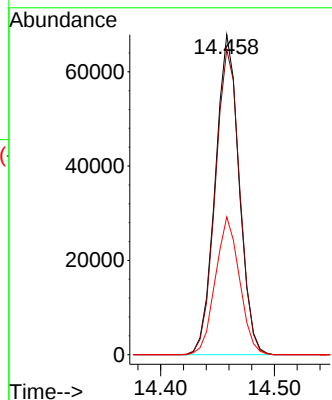
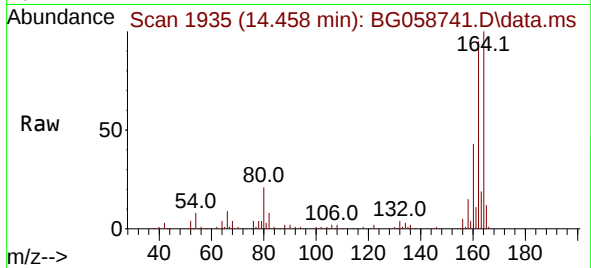




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.458 min Scan# 1935
 Delta R.T. -0.004 min
 Lab File: BG058741.D
 Acq: 16 Aug 2023 9:55

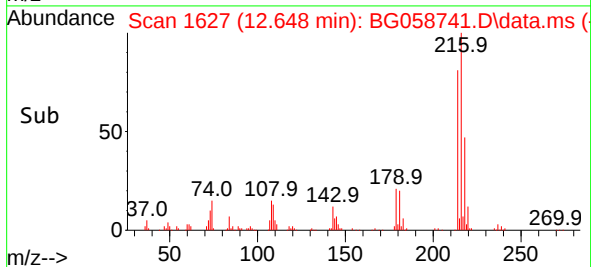
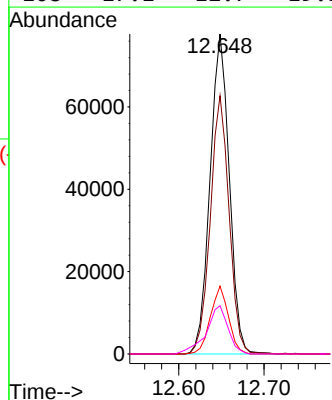
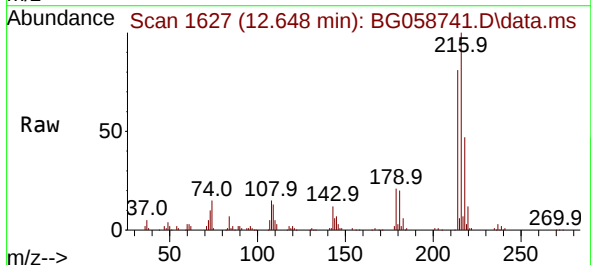
Instrument :
 BNA_G
 ClientSampleId :
 PB154790BS

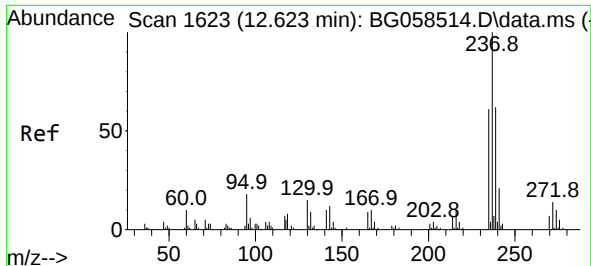
Tgt Ion:164 Resp: 98869
 Ion Ratio Lower Upper
 164 100
 162 95.4 78.3 117.5
 160 43.1 34.1 51.1



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.108 ng
 RT: 12.648 min Scan# 1627
 Delta R.T. -0.004 min
 Lab File: BG058741.D
 Acq: 16 Aug 2023 9:55

Tgt Ion:216 Resp: 121742
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.1 94.7
 179 19.9 15.6 23.4
 108 17.1 12.7 19.1

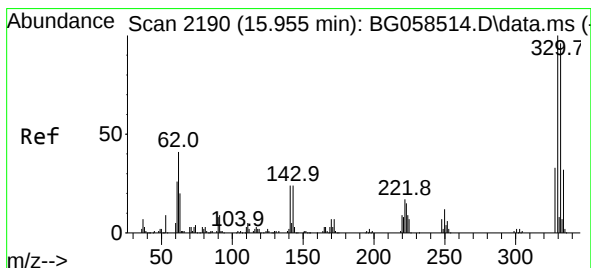
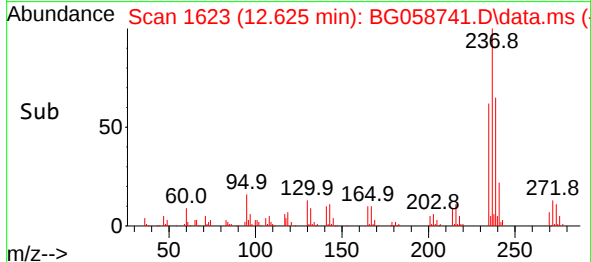
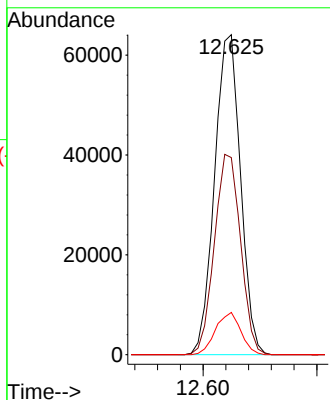
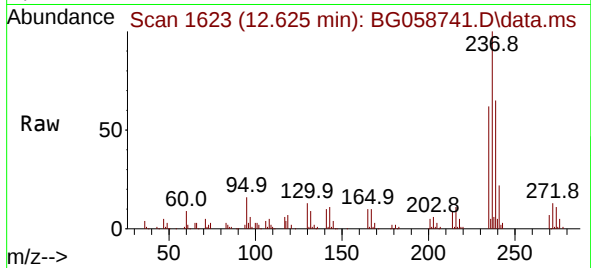




#41
Hexachlorocyclopentadiene
Concen: 72.746 ng
RT: 12.625 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

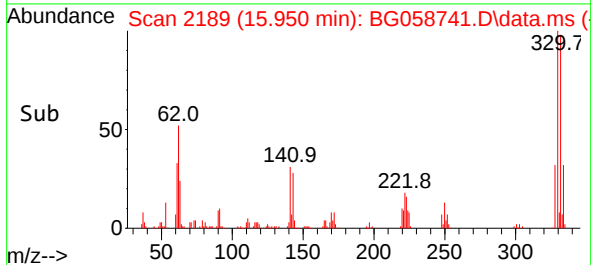
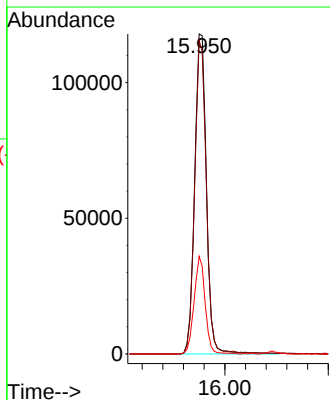
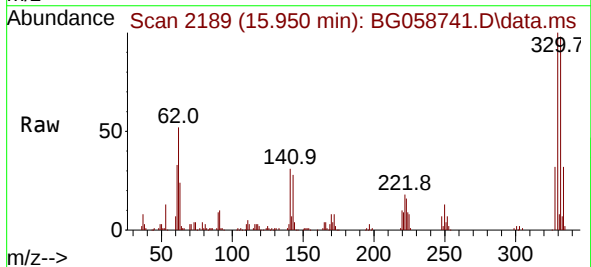
Instrument :
BNA_G
ClientSampleId :
PB154790BS

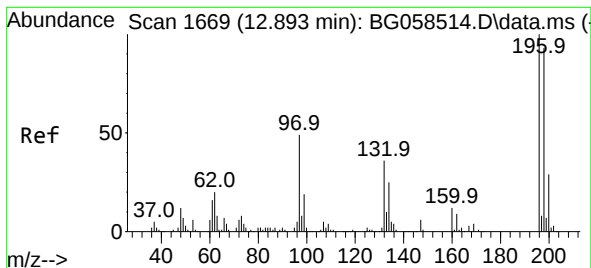
Tgt Ion:237 Resp: 101609
Ion Ratio Lower Upper
237 100
235 61.6 41.0 81.0
272 13.2 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 114.963 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:330 Resp: 186302
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 28.7 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 41.807 ng

RT: 12.895 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

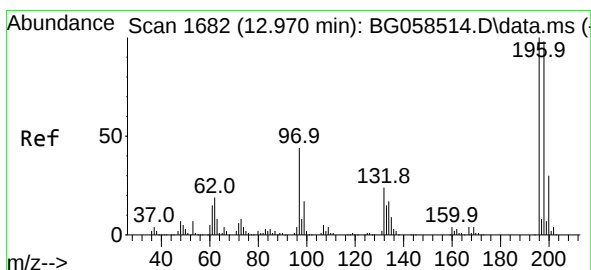
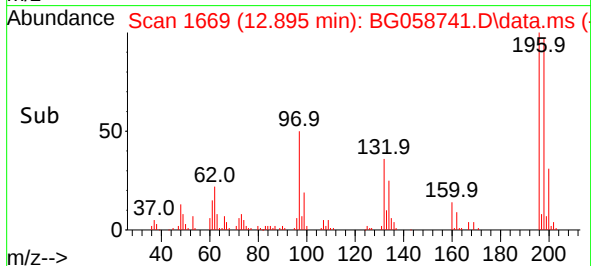
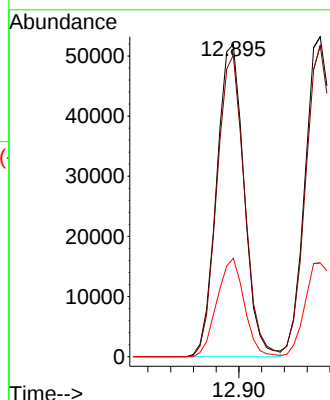
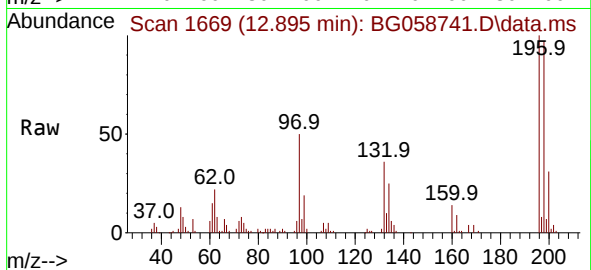
Tgt Ion:196 Resp: 87283

Ion Ratio Lower Upper

196 100

198 96.5 74.2 111.4

200 31.5 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 39.301 ng

RT: 12.972 min Scan# 1682

Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Tgt Ion:196 Resp: 96645

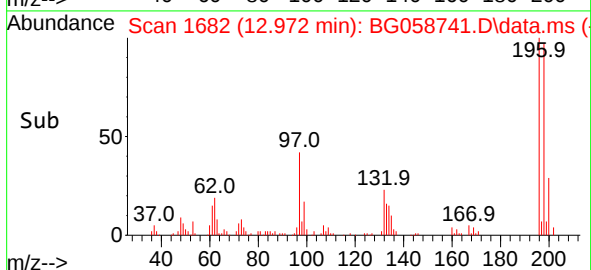
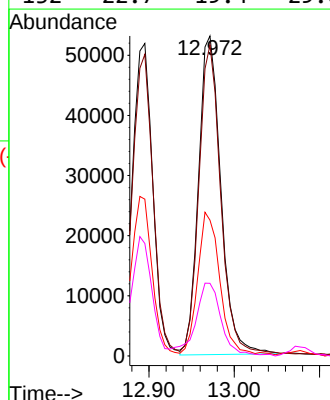
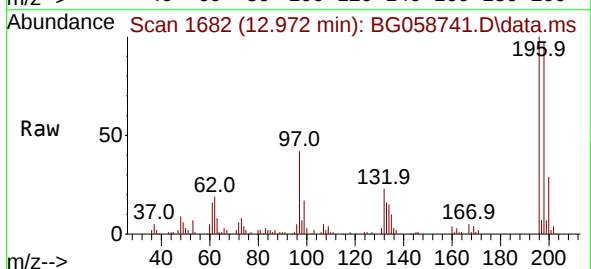
Ion Ratio Lower Upper

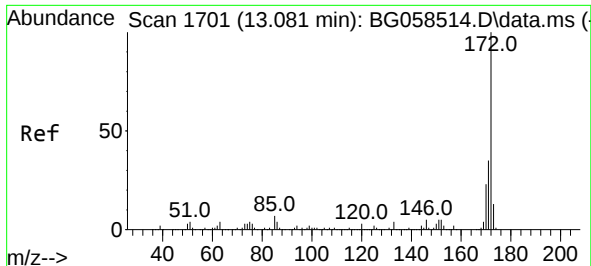
196 100

198 97.2 78.3 117.5

97 42.4 35.2 52.8

132 22.7 19.4 29.0

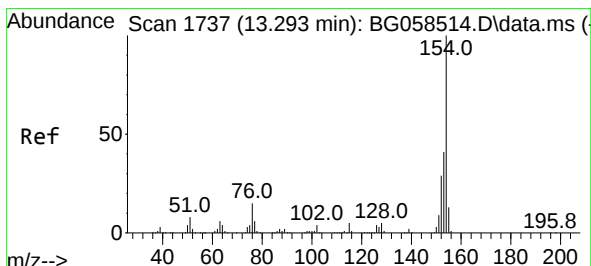
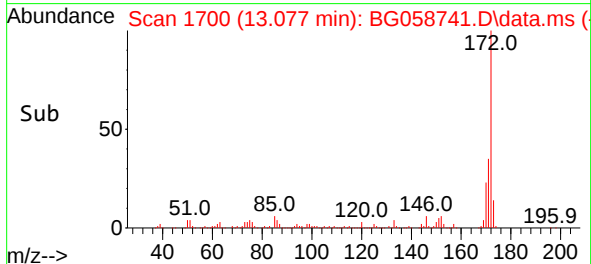
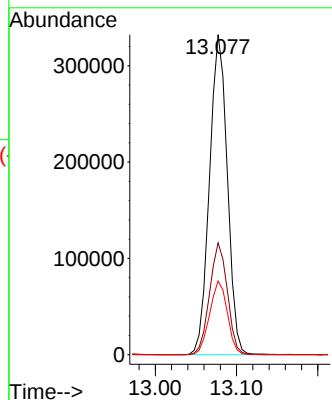
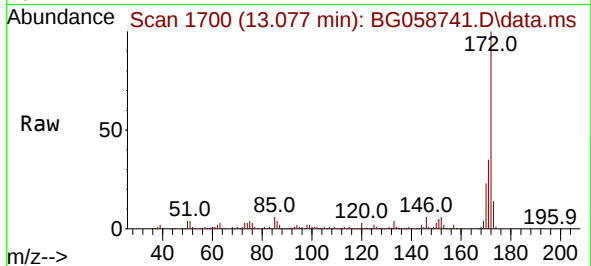




#45
2-Fluorobiphenyl
Concen: 76.624 ng
RT: 13.077 min Scan# 1700
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

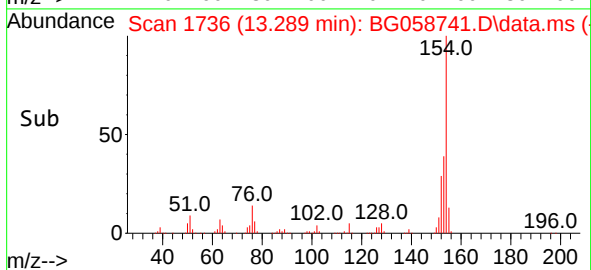
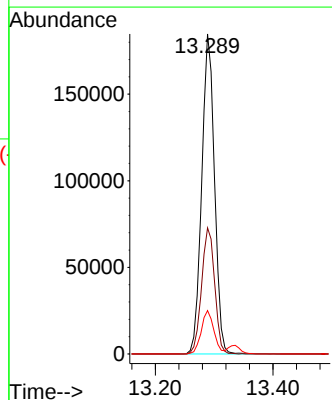
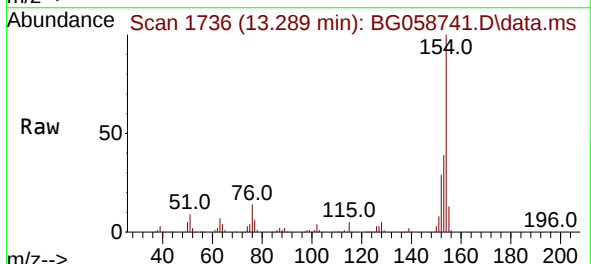
Instrument :
BNA_G
ClientSampleId :
PB154790BS

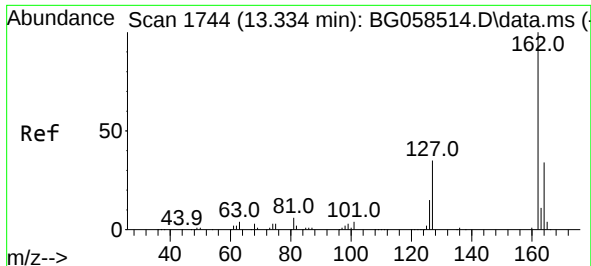
Tgt Ion:172 Resp: 505522
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.0 18.4 27.6



#46
1,1'-Biphenyl
Concen: 40.933 ng
RT: 13.289 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

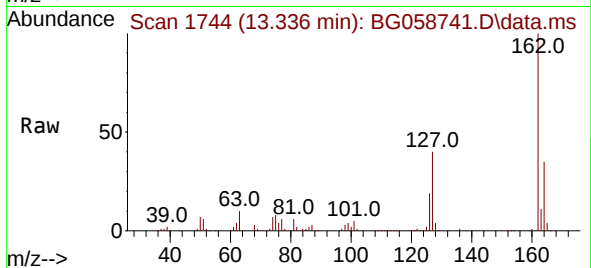
Tgt Ion:154 Resp: 277928
Ion Ratio Lower Upper
154 100
153 39.4 21.2 61.2
76 13.6 0.0 34.7



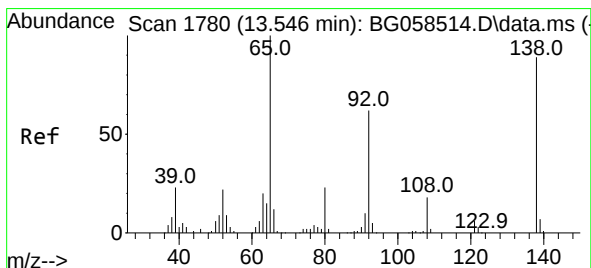
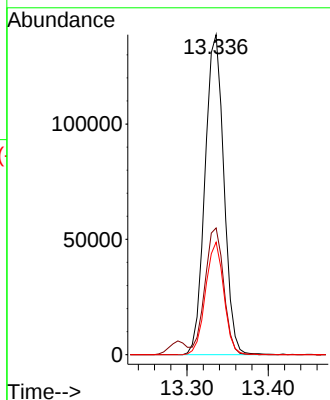
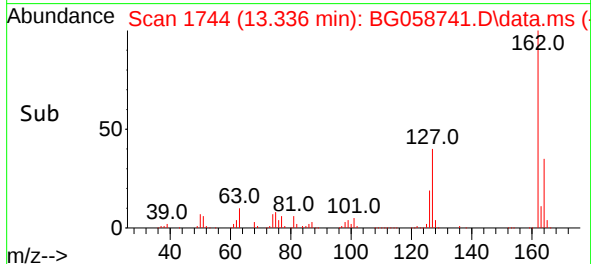


#47
2-Chloronaphthalene
Concen: 42.258 ng
RT: 13.336 min Scan# 1744
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :
BNA_G
ClientSampleId :
PB154790BS

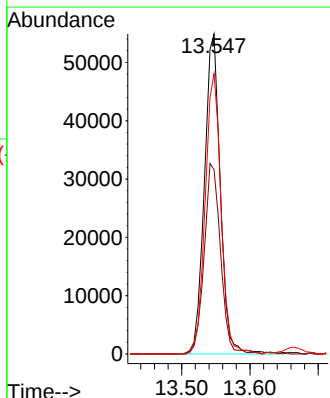
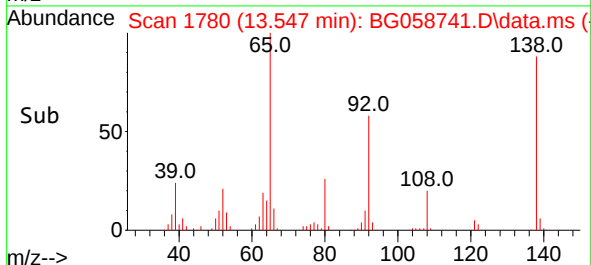
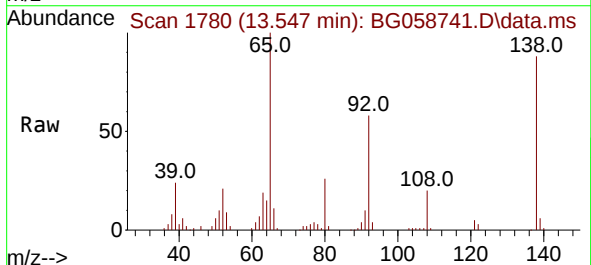


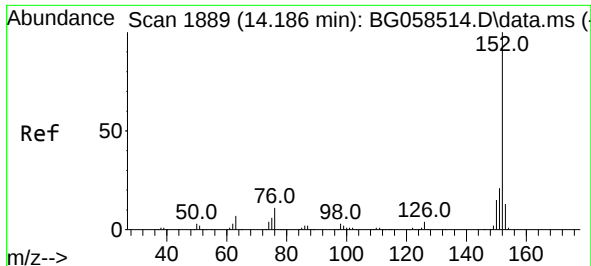
Tgt Ion:162 Resp: 223715
Ion Ratio Lower Upper
162 100
127 39.6 30.9 46.3
164 35.2 27.2 40.8



#48
2-Nitroaniline
Concen: 44.018 ng
RT: 13.547 min Scan# 1780
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion: 65 Resp: 88948
Ion Ratio Lower Upper
65 100
92 57.6 49.2 73.8
138 87.5 71.5 107.3

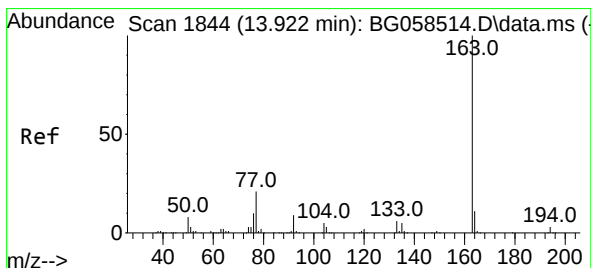
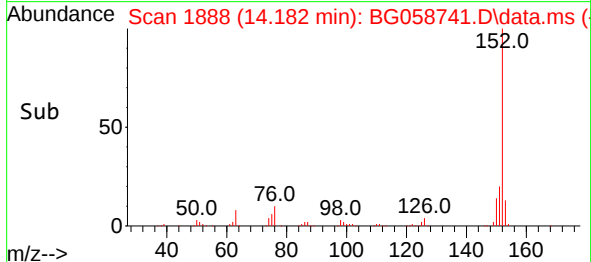
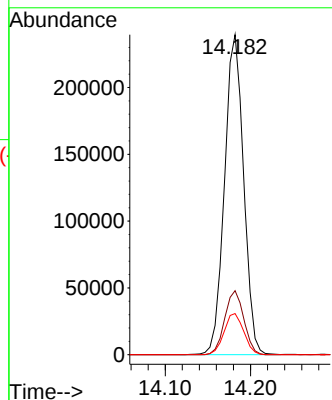
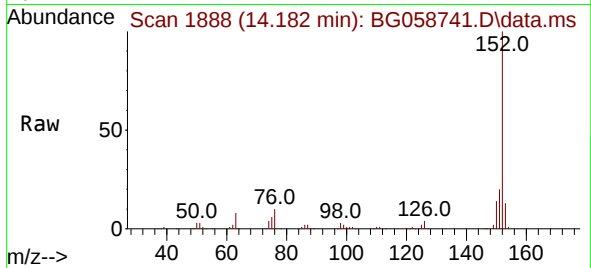




#49
Acenaphthylene
Concen: 42.046 ng
RT: 14.182 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

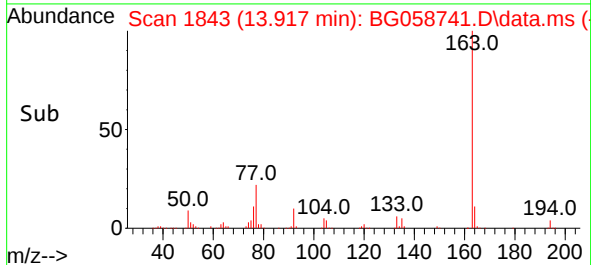
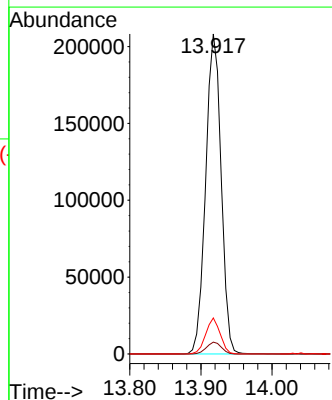
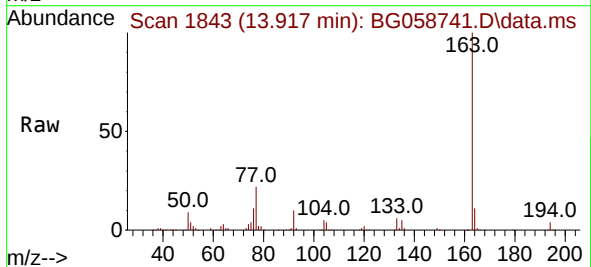
Instrument :
BNA_G
ClientSampleId :
PB154790BS

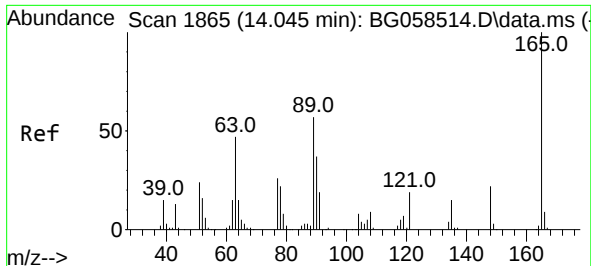
Tgt Ion:152 Resp: 372676
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7
153 12.9 10.7 16.1



#50
Dimethylphthalate
Concen: 42.401 ng
RT: 13.917 min Scan# 1843
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:163 Resp: 314837
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.3 8.6 12.8

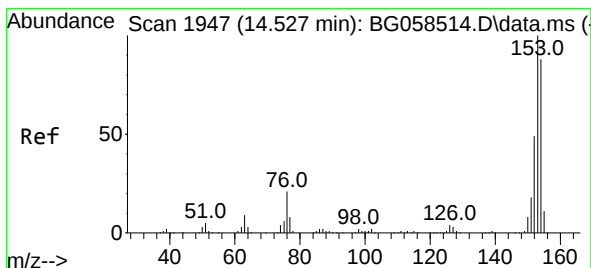
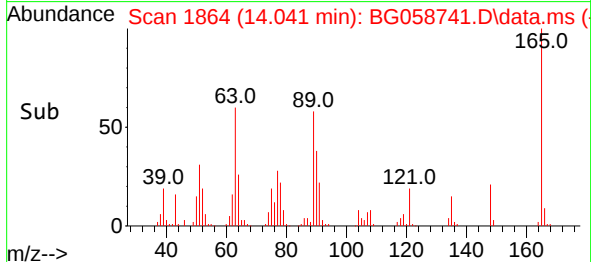
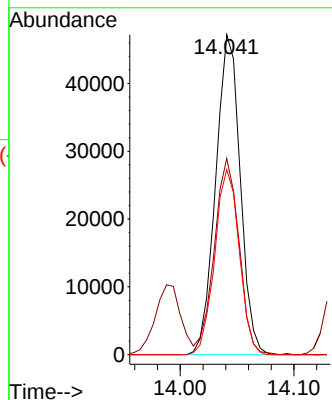
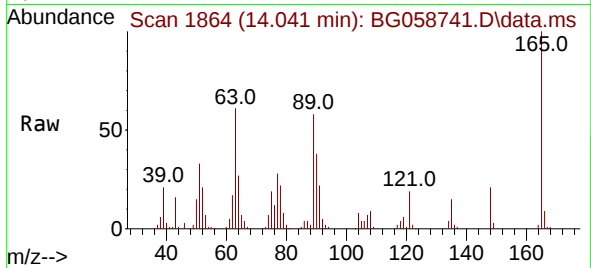




#51
2,6-Dinitrotoluene
Concen: 43.402 ng
RT: 14.041 min Scan# 1865
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

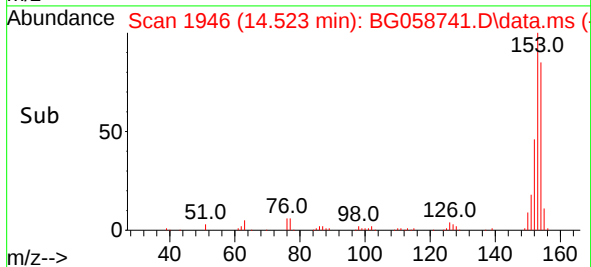
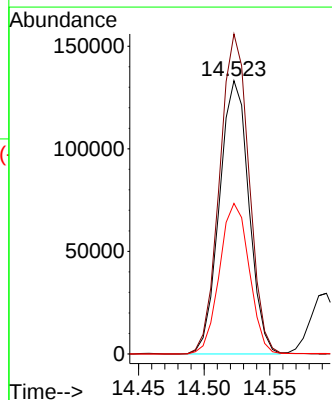
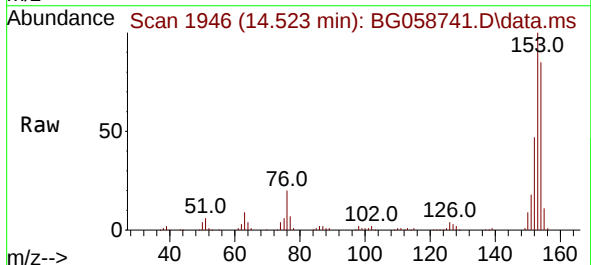
Instrument :
BNA_G
ClientSampleId :
PB154790BS

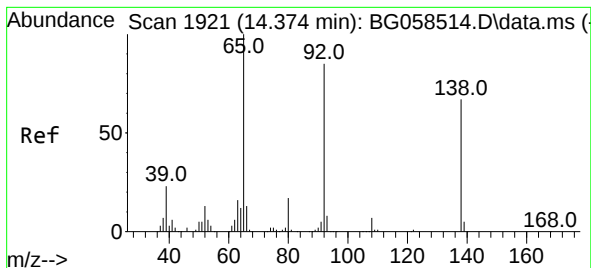
Tgt Ion:165 Resp: 70713
Ion Ratio Lower Upper
165 100
63 61.3 46.4 69.6
89 57.8 45.3 67.9



#52
Acenaphthene
Concen: 40.540 ng
RT: 14.523 min Scan# 1946
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:154 Resp: 207624
Ion Ratio Lower Upper
154 100
153 117.1 91.1 136.7
152 55.1 44.6 66.8

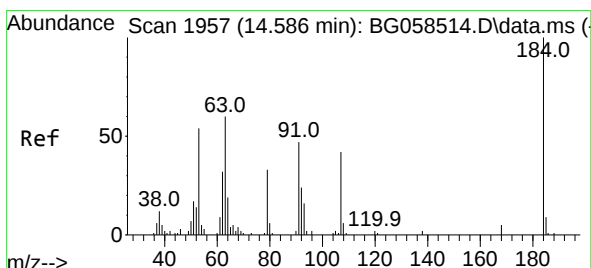
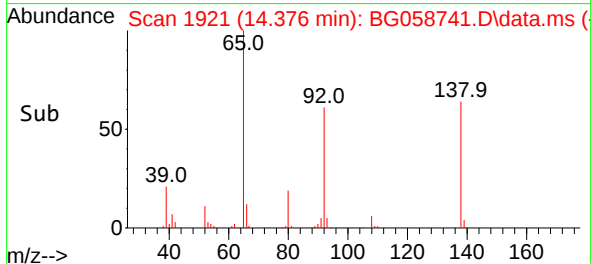
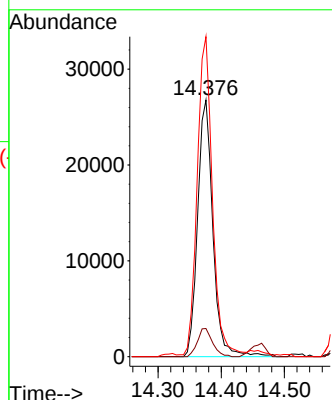
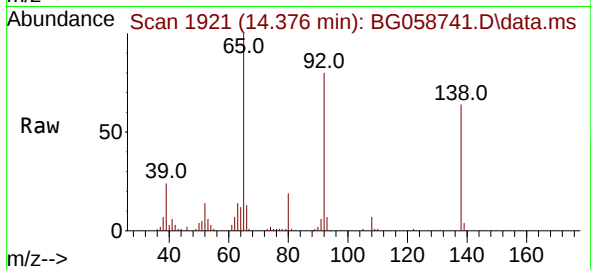




#53
3-Nitroaniline
Concen: 27.557 ng
RT: 14.376 min Scan# 1921
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

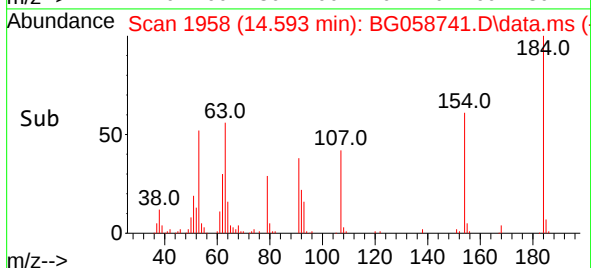
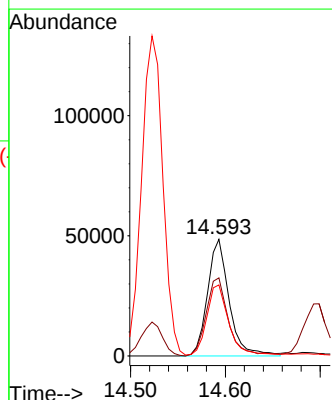
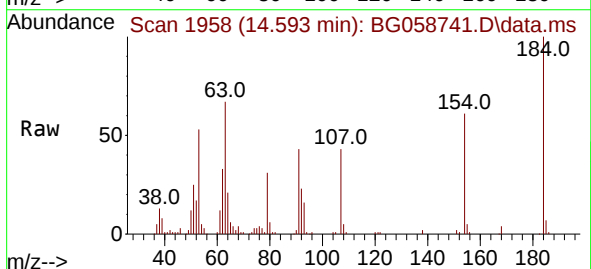
Instrument :
BNA_G
ClientSampleId :
PB154790BS

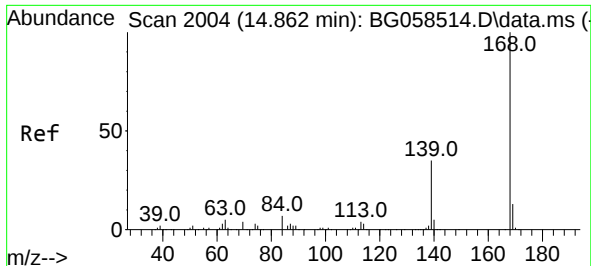
Tgt Ion:138 Resp: 44920
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 124.7 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 83.427 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.007 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:184 Resp: 76947
Ion Ratio Lower Upper
184 100
63 66.9 56.7 85.1
154 60.9 46.1 69.1

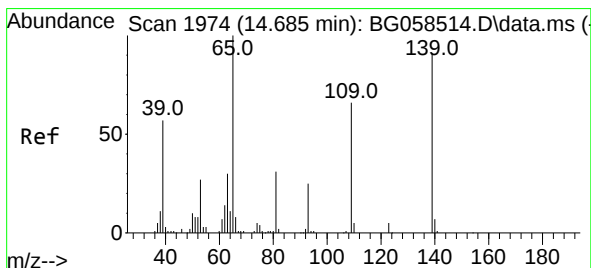
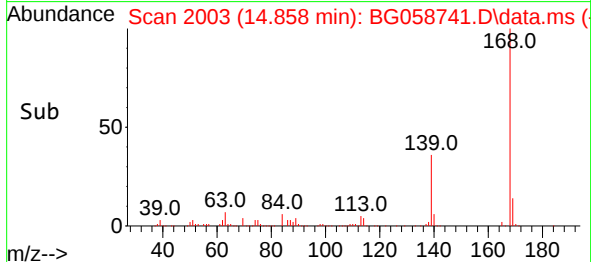
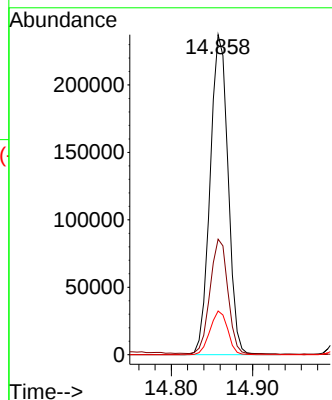
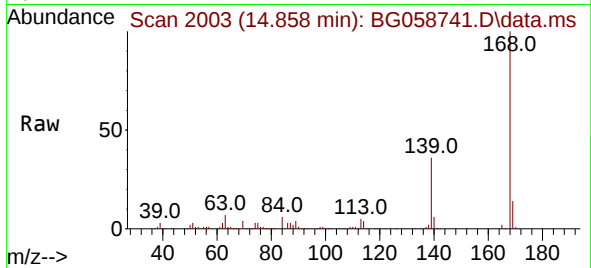




#55
Dibenzofuran
Concen: 41.260 ng
RT: 14.858 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

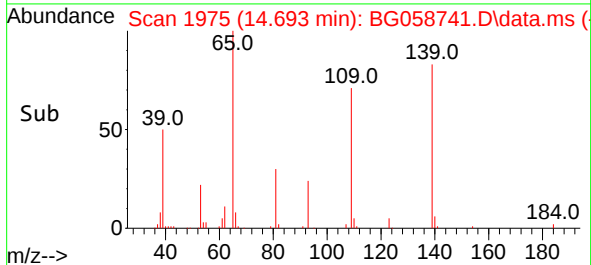
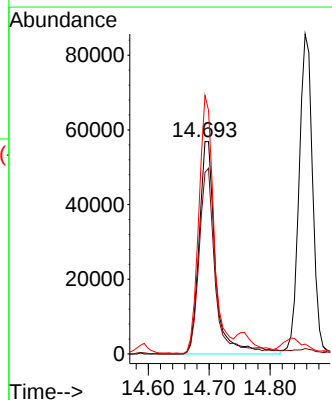
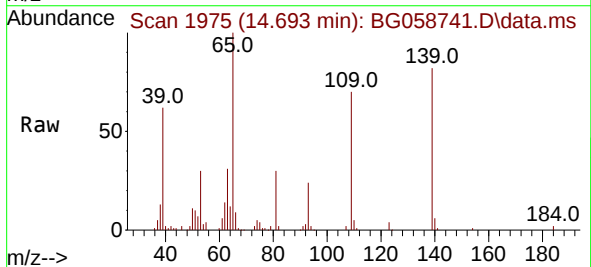
Instrument :
BNA_G
ClientSampleId :
PB154790BS

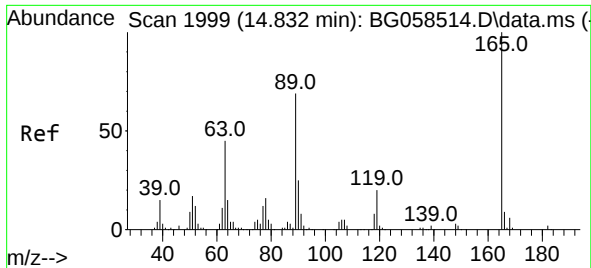
Tgt Ion:168 Resp: 363103
Ion Ratio Lower Upper
168 100
139 36.1 27.8 41.8
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 87.838 ng
RT: 14.693 min Scan# 1975
Delta R.T. 0.008 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:139 Resp: 106507
Ion Ratio Lower Upper
139 100
109 85.5 52.5 92.5
65 121.8 90.5 130.5

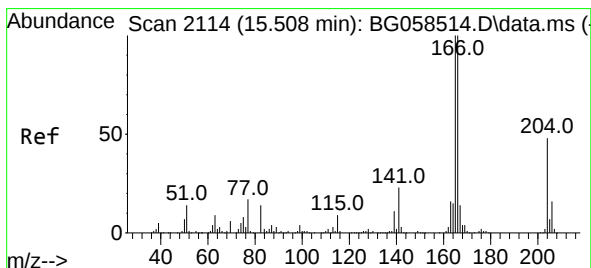
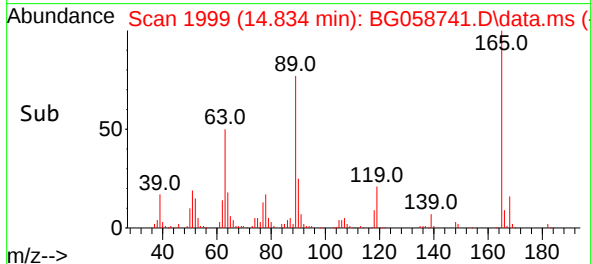
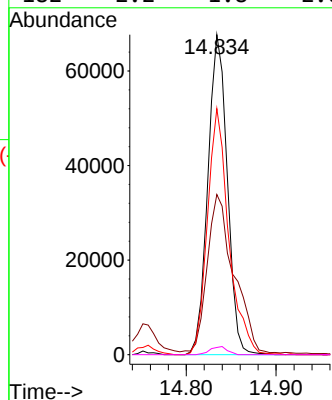
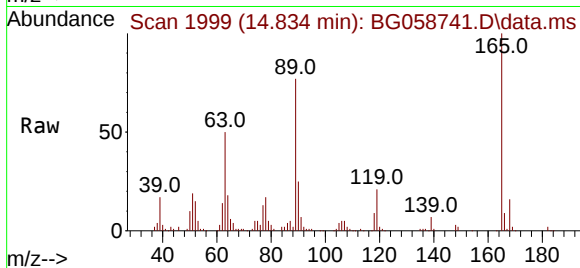




#57
2,4-Dinitrotoluene
Concen: 44.937 ng
RT: 14.834 min Scan# 1999
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

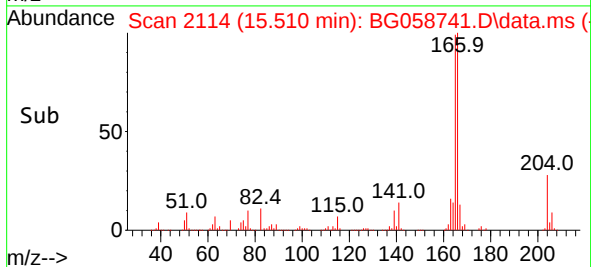
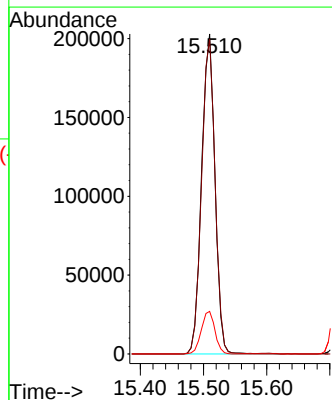
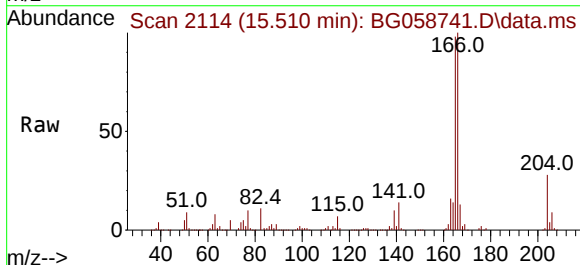
Instrument :
BNA_G
ClientSampleId :
PB154790BS

Tgt Ion:	165	Resp:	101502
Ion Ratio	Lower	Upper	
165	100		
63	50.1	36.6	54.8
89	76.9	55.4	83.0
182	2.2	1.8	2.6



#58
Fluorene
Concen: 42.443 ng
RT: 15.510 min Scan# 2114
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:	166	Resp:	296722
Ion Ratio	Lower	Upper	
166	100		
165	98.5	80.0	120.0
167	13.3	11.3	16.9

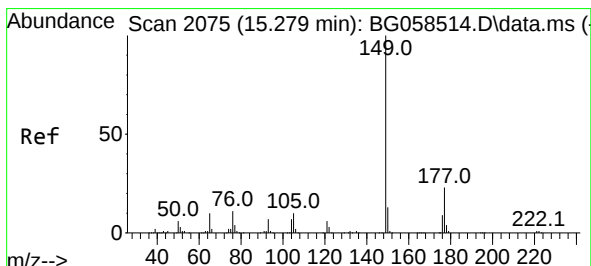
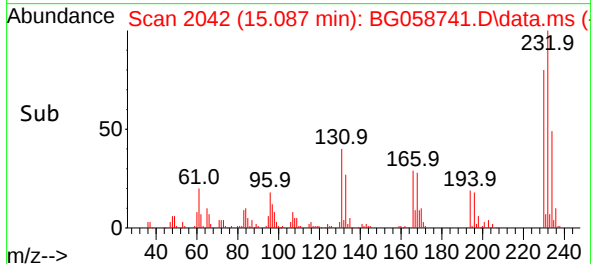
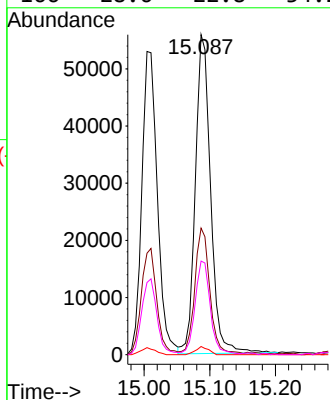
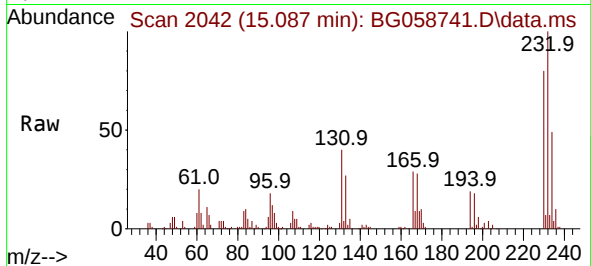




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.165 ng
RT: 15.087 min Scan# 2042
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

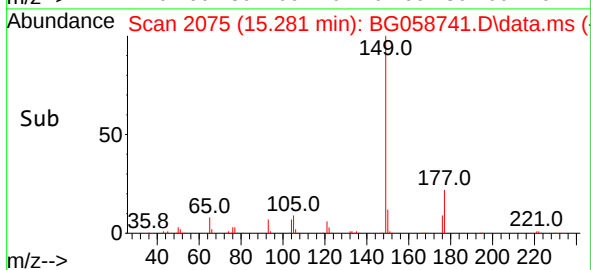
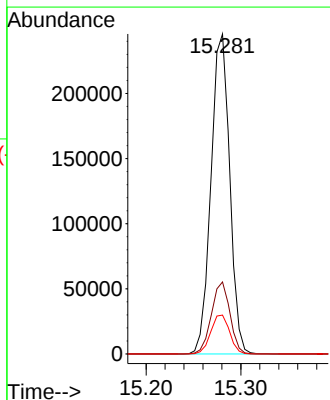
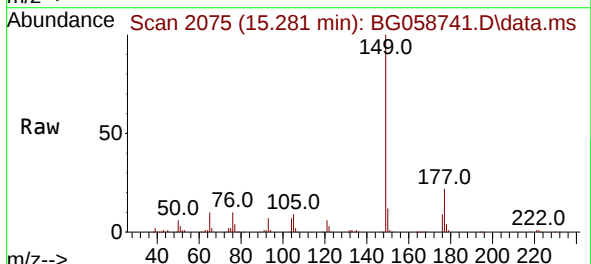
Instrument :
BNA_G
ClientSampleId :
PB154790BS

Tgt Ion:232 Resp: 90576
Ion Ratio Lower Upper
232 100
131 38.5 30.0 45.0
130 2.1 1.5 2.3
166 28.6 22.8 34.2



#60
Diethylphthalate
Concen: 44.401 ng
RT: 15.281 min Scan# 2075
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:149 Resp: 335872
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.4
150 12.2 10.2 15.4

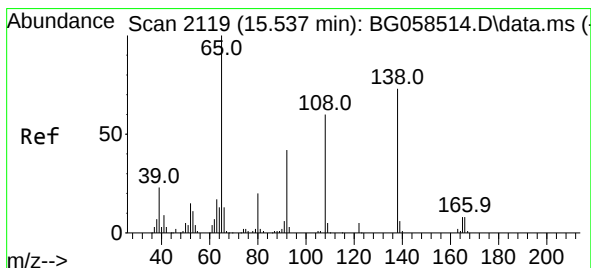
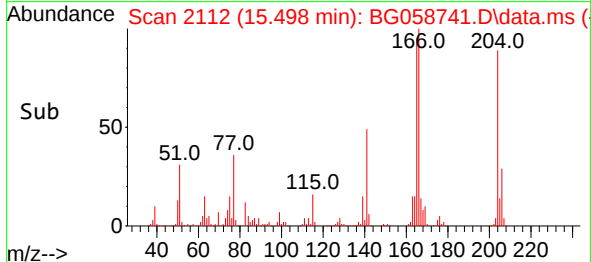
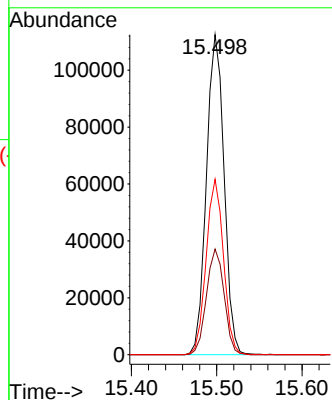
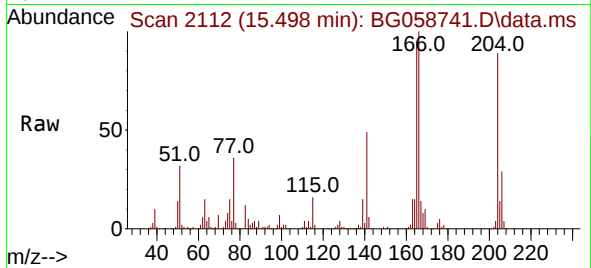




#61
4-Chlorophenyl-phenylether
Concen: 41.554 ng
RT: 15.498 min Scan# 2113
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

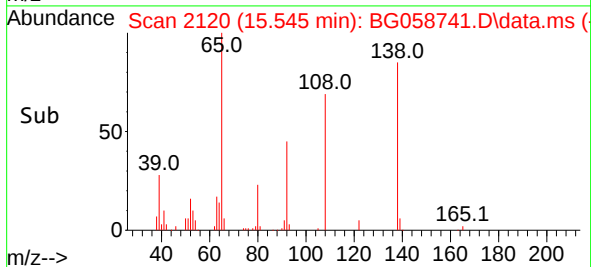
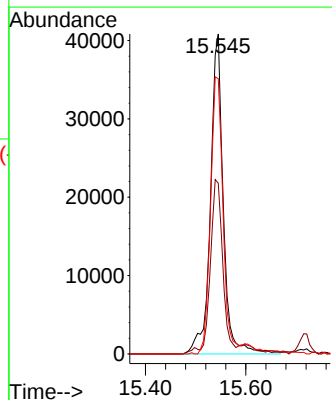
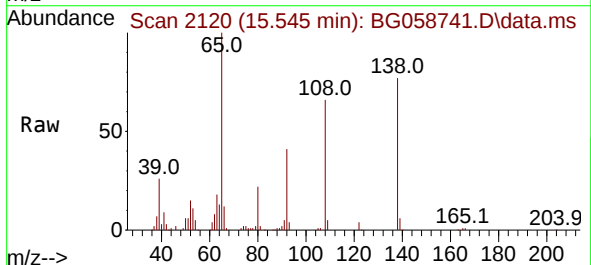
Instrument :
BNA_G
ClientSampleId :
PB154790BS

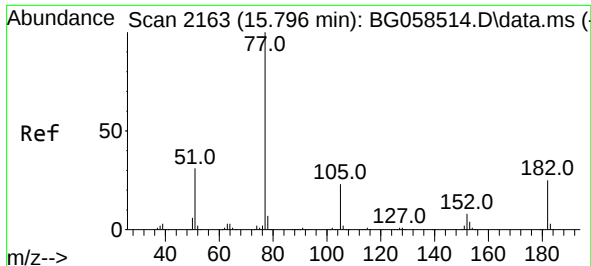
Tgt Ion:204 Resp: 161962
Ion Ratio Lower Upper
204 100
206 33.0 27.0 40.4
141 54.8 40.8 61.2



#62
4-Nitroaniline
Concen: 47.273 ng
RT: 15.545 min Scan# 2120
Delta R.T. 0.008 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:138 Resp: 72996
Ion Ratio Lower Upper
138 100
92 53.4 37.3 77.3
108 86.0 62.6 102.6





#63
Azobenzene
Concen: 41.160 ng
RT: 15.792 min Scan# 2163
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

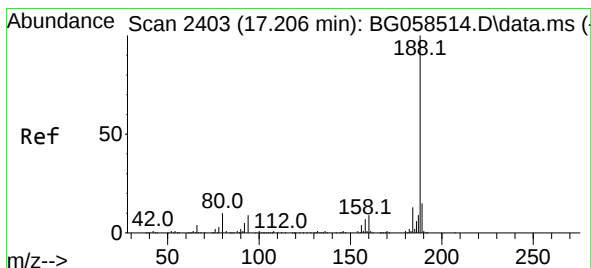
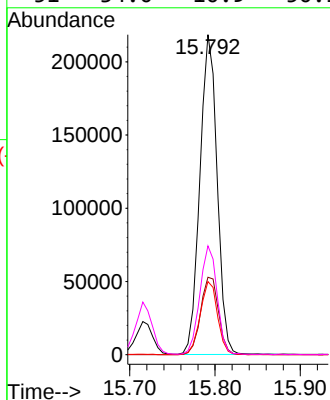
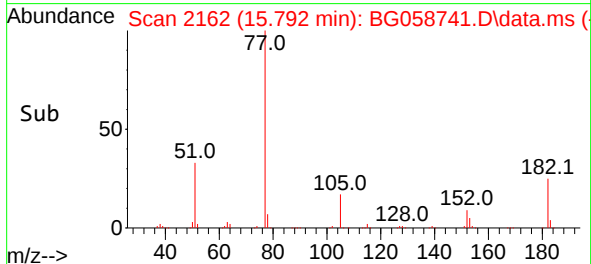
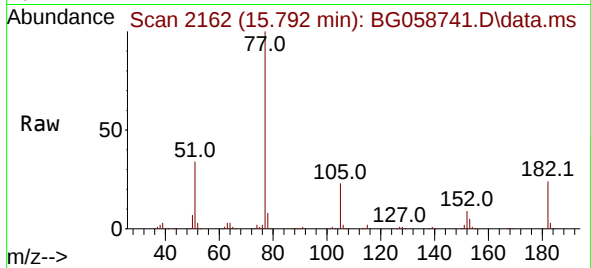
Instrument :

BNA_G

ClientSampleId :

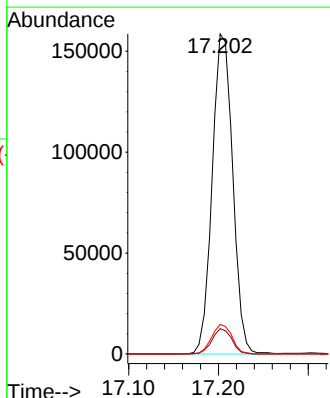
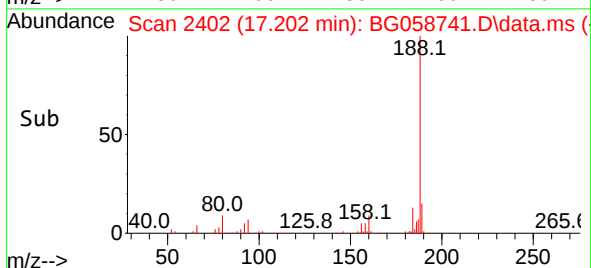
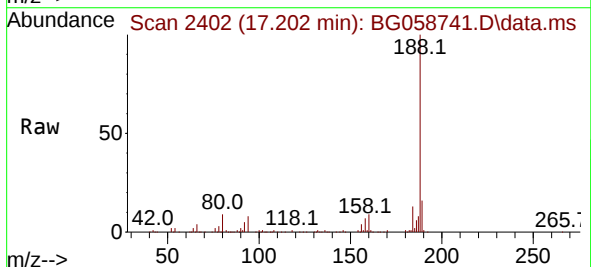
PB154790BS

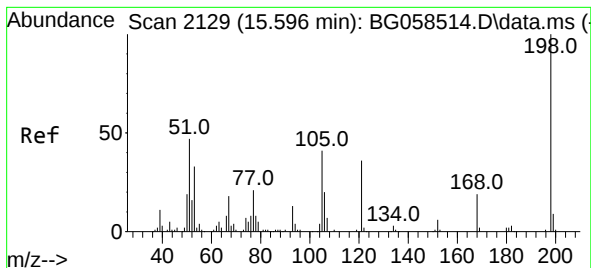
Tgt Ion: 77 Resp: 306675
Ion Ratio Lower Upper
77 100
182 24.2 4.6 44.6
105 22.8 3.3 43.3
51 34.0 10.9 50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:188 Resp: 251553
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 9.3 8.1 12.1

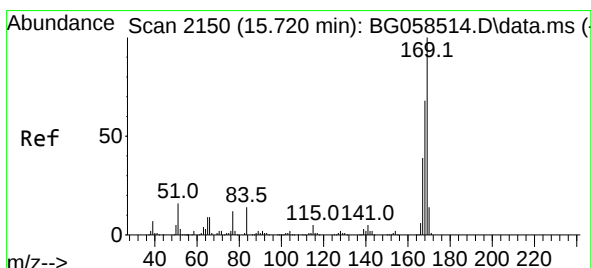
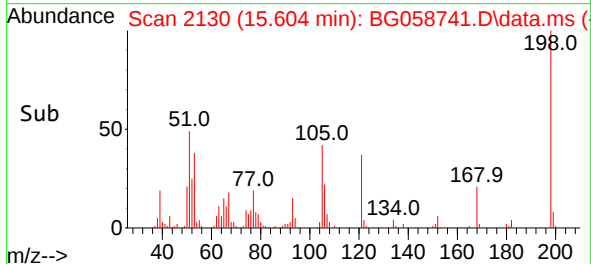
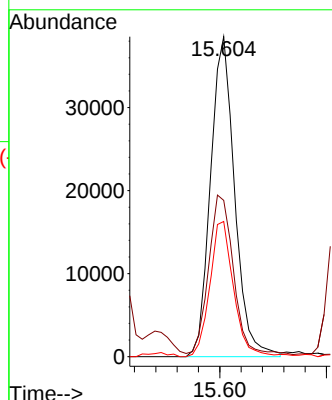
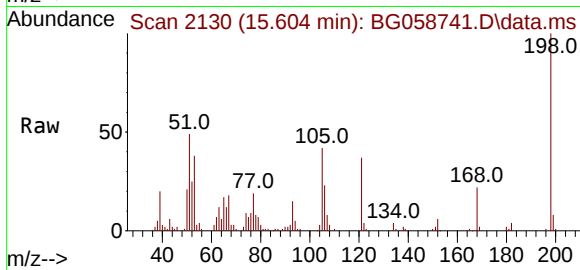




#65
4,6-Dinitro-2-methylphenol
Concen: 43.619 ng
RT: 15.604 min Scan# 2119
Delta R.T. 0.008 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

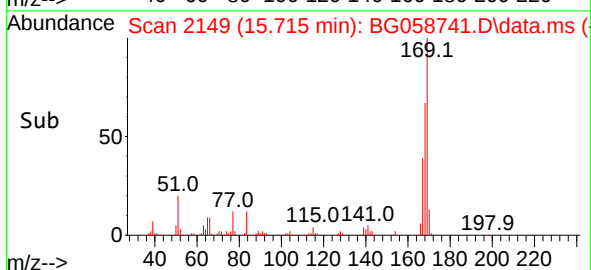
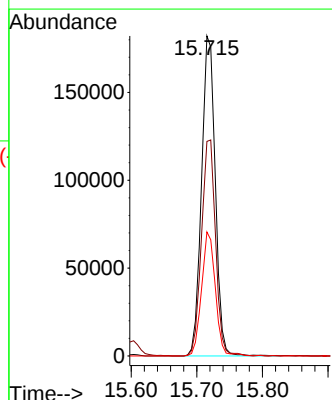
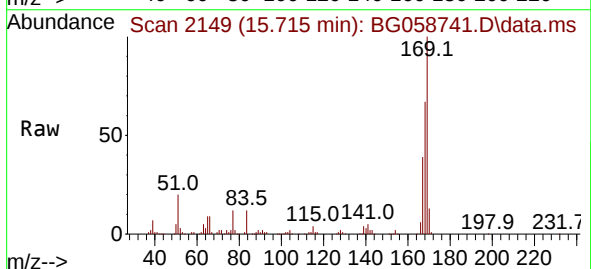
Instrument :
BNA_G
ClientSampleId :
PB154790BS

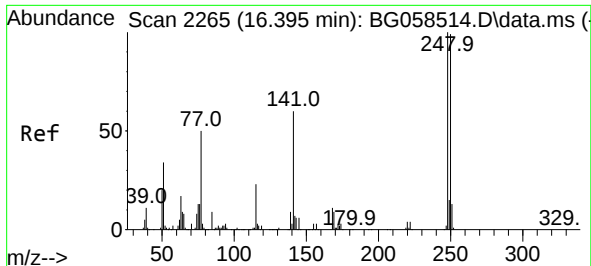
Tgt Ion:198 Resp: 60501
Ion Ratio Lower Upper
198 100
51 48.8 29.3 69.3
105 42.3 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 40.652 ng
RT: 15.715 min Scan# 2149
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:169 Resp: 266157
Ion Ratio Lower Upper
169 100
168 67.1 54.6 82.0
167 38.7 31.3 46.9

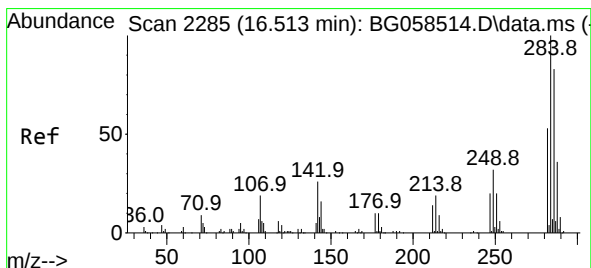
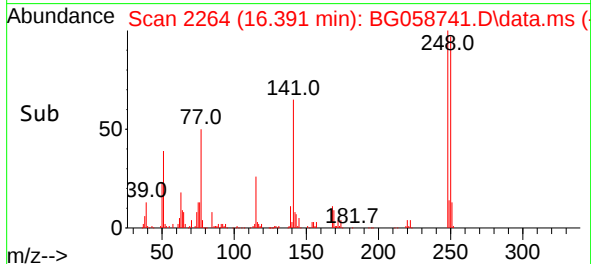
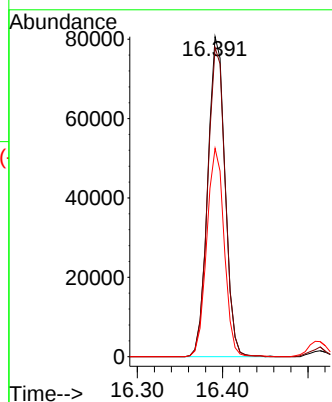
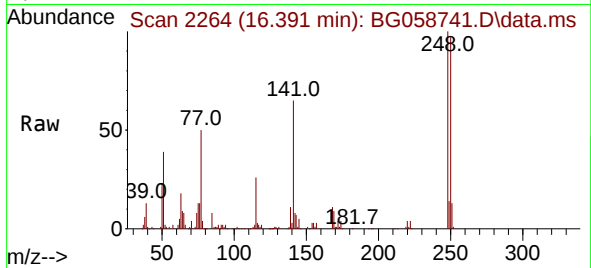




#67
4-Bromophenyl-phenylether
Concen: 39.753 ng
RT: 16.391 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

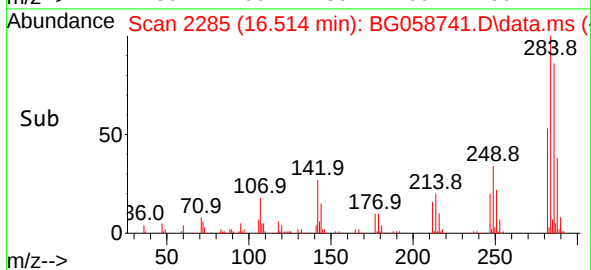
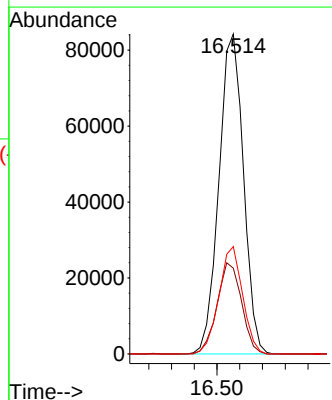
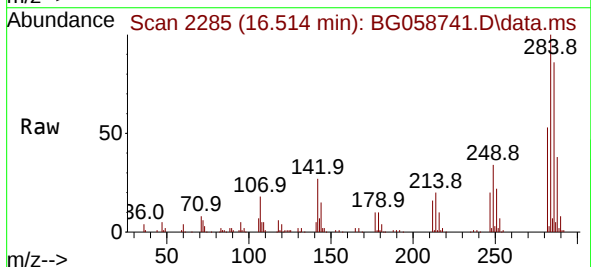
Instrument :
BNA_G
ClientSampleId :
PB154790BS

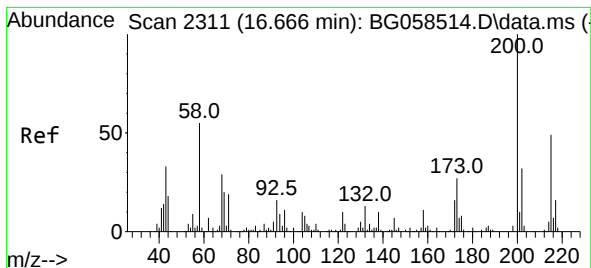
Tgt Ion:248 Resp: 113420
Ion Ratio Lower Upper
248 100
250 96.6 79.5 119.3
141 65.1 48.2 72.2



#68
Hexachlorobenzene
Concen: 41.745 ng
RT: 16.514 min Scan# 2285
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:284 Resp: 126210
Ion Ratio Lower Upper
284 100
142 26.8 21.0 31.4
249 33.6 25.5 38.3





#69

Atrazine

Concen: 51.847 ng

RT: 16.667 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

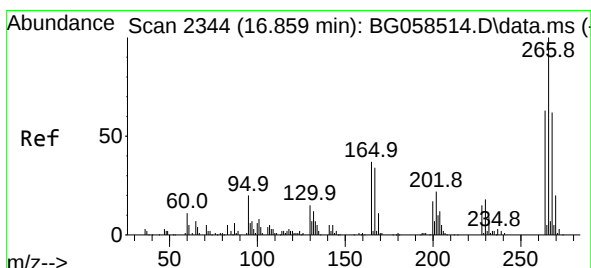
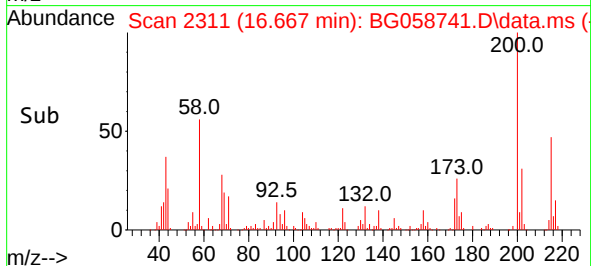
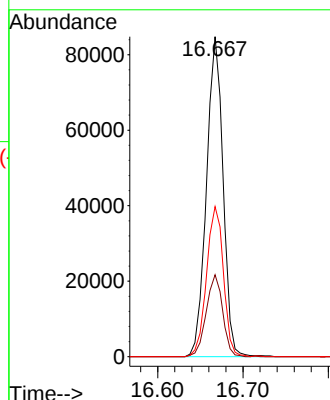
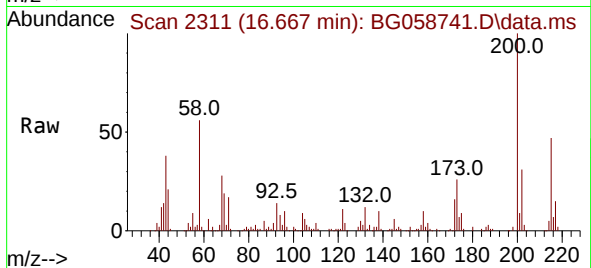
Tgt Ion:200 Resp: 114591

Ion Ratio Lower Upper

200 100

173 25.6 6.5 46.5

215 46.9 28.9 68.9



#70

Pentachlorophenol

Concen: 66.375 ng

RT: 16.861 min Scan# 2344

Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

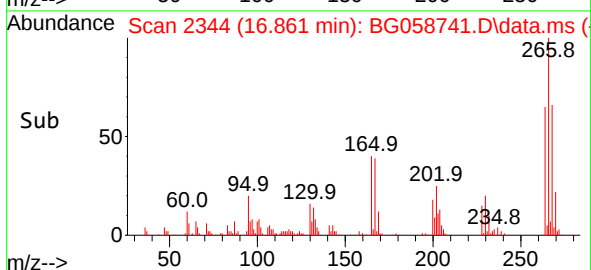
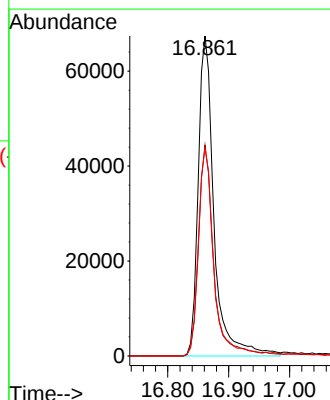
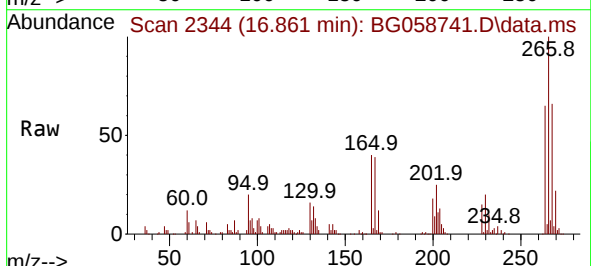
Tgt Ion:266 Resp: 121465

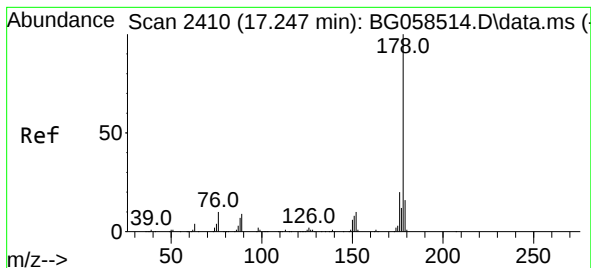
Ion Ratio Lower Upper

266 100

268 65.9 49.9 74.9

264 65.1 50.2 75.4





#71

Phenanthrene

Concen: 42.531 ng

RT: 17.249 min Scan# 2410

Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

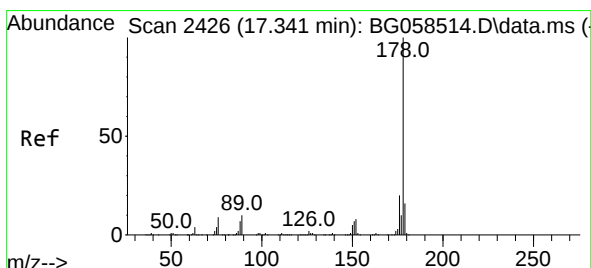
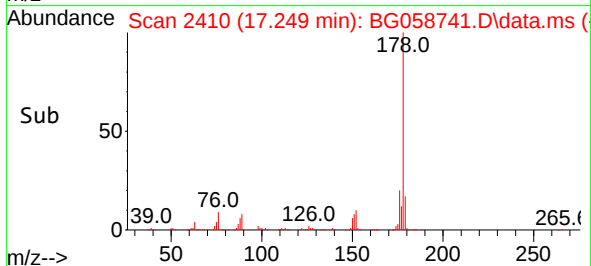
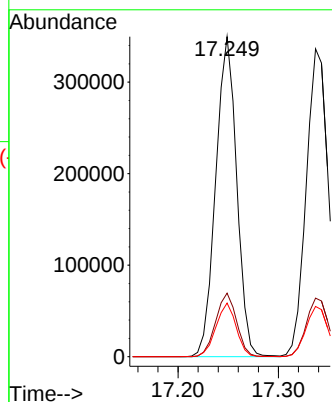
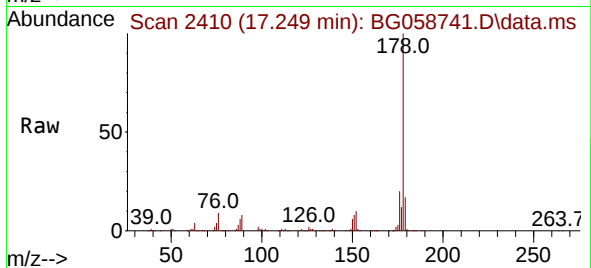
Tgt Ion:178 Resp: 507385

Ion Ratio Lower Upper

178 100

176 19.8 16.3 24.5

179 16.7 13.1 19.7



#72

Anthracene

Concen: 42.016 ng

RT: 17.337 min Scan# 2425

Delta R.T. -0.004 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

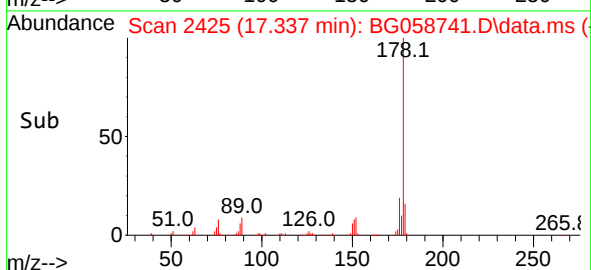
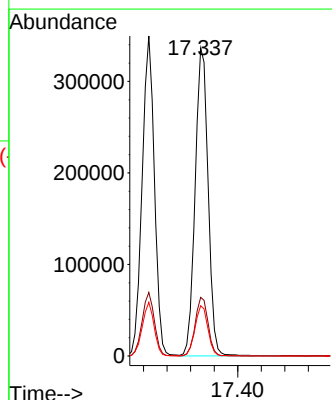
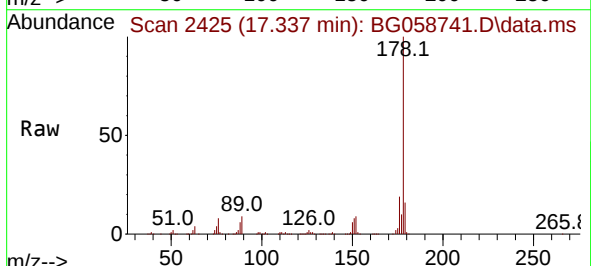
Tgt Ion:178 Resp: 514311

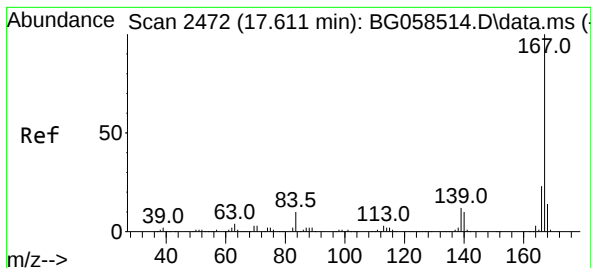
Ion Ratio Lower Upper

178 100

176 19.0 16.0 24.0

179 16.3 12.9 19.3





#73

Carbazole

Concen: 44.750 ng

RT: 17.613 min Scan# 2472

Delta R.T. 0.002 min

Lab File: BG058741.D

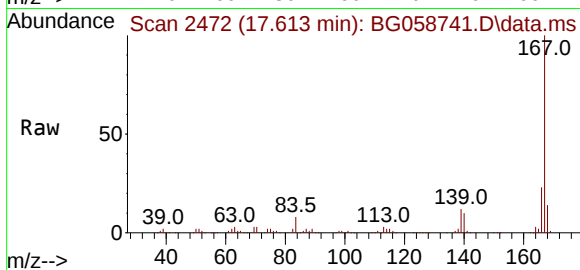
Acq: 16 Aug 2023 9:55

Instrument :

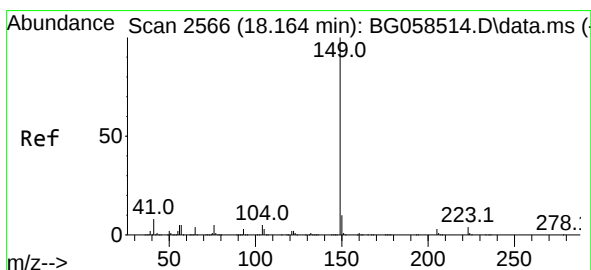
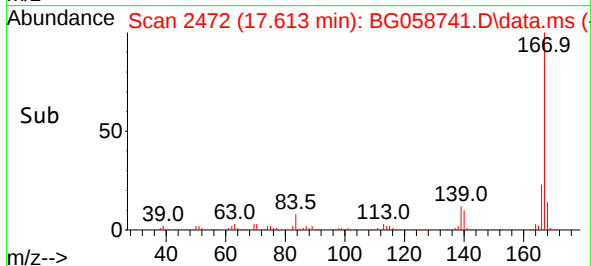
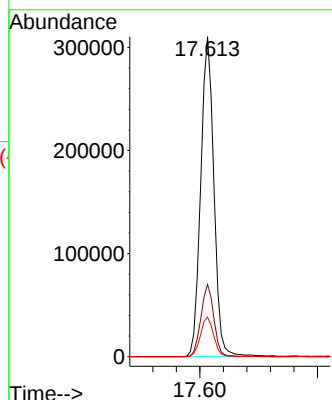
BNA_G

ClientSampleId :

PB154790BS



Tgt Ion:	167	Resp:	483047
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.4	27.6
139	12.3	10.0	15.0



#74

Di-n-butylphthalate

Concen: 44.911 ng

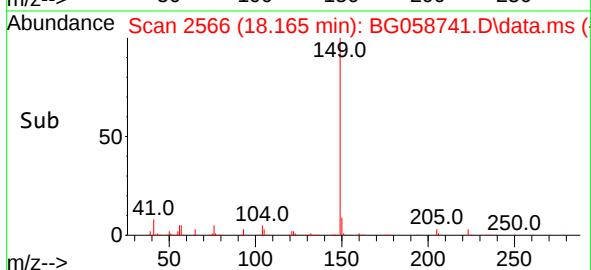
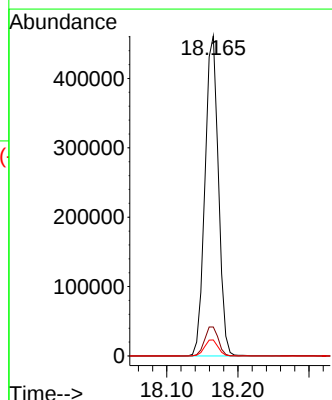
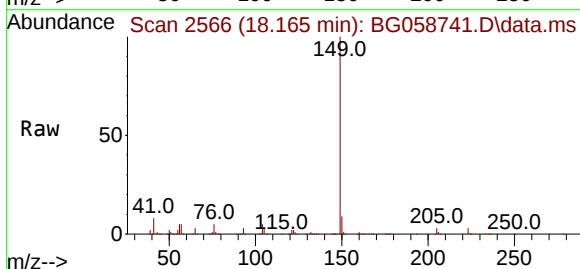
RT: 18.165 min Scan# 2566

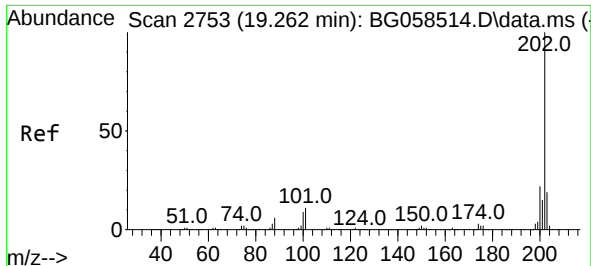
Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

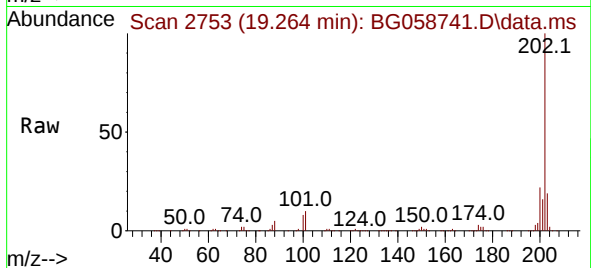
Tgt Ion:	149	Resp:	607221
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	5.0	4.0	6.0



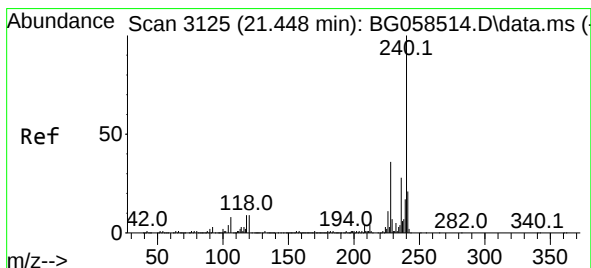
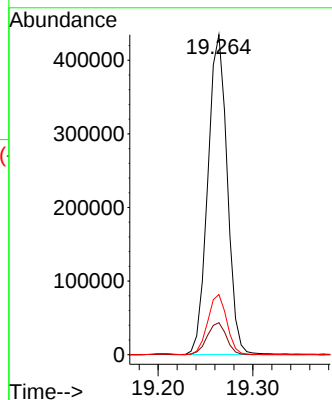
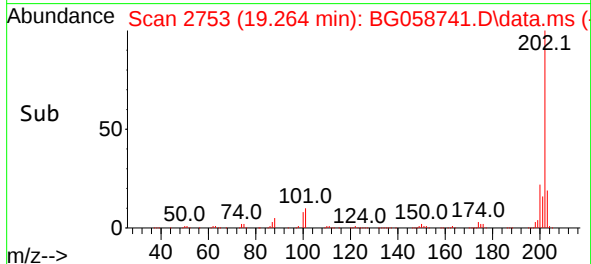


#75
Fluoranthene
Concen: 43.204 ng
RT: 19.264 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :
BNA_G
ClientSampleId :
PB154790BS

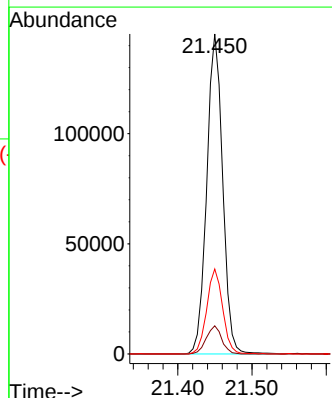
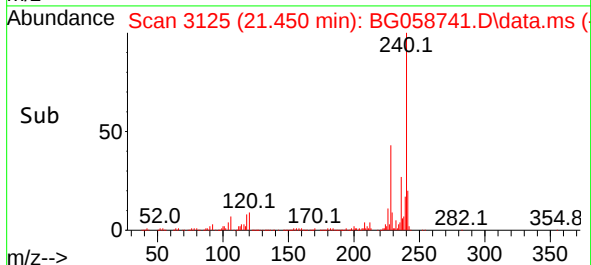
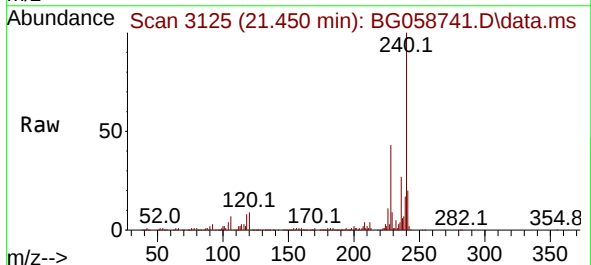


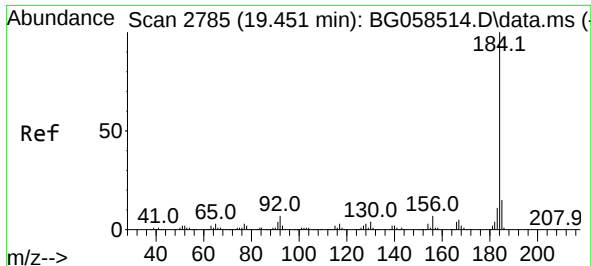
Tgt Ion:202 Resp: 619121
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.4
203 18.8 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:240 Resp: 216387
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 26.6 22.2 33.4

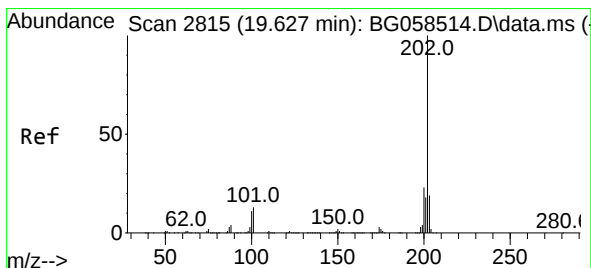
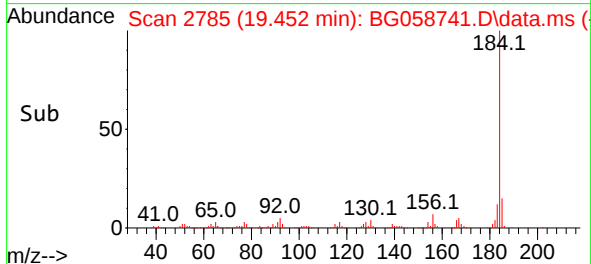
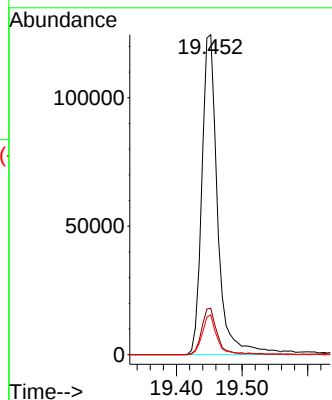
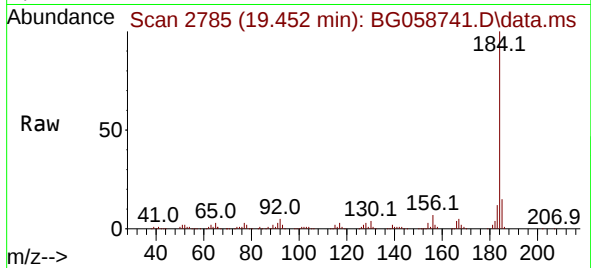




#77
Benzidine
Concen: 63.589 ng
RT: 19.452 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

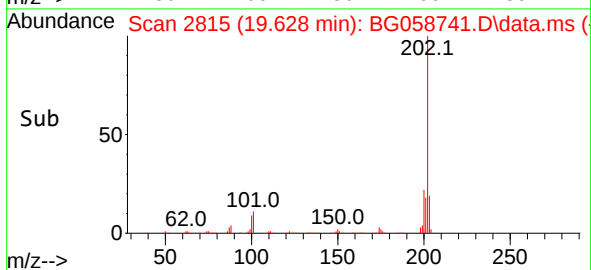
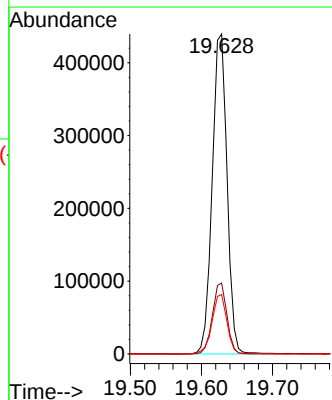
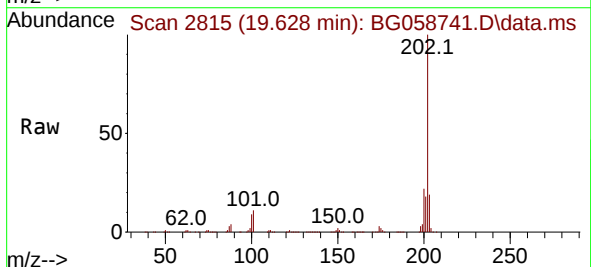
Instrument :
BNA_G
ClientSampleId :
PB154790BS

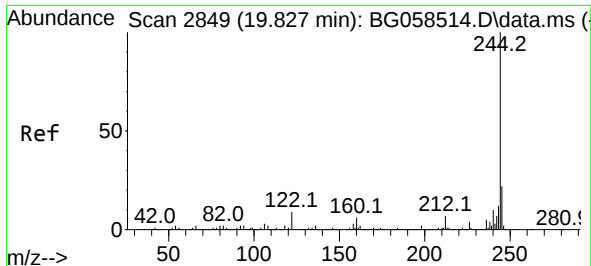
Tgt Ion:184 Resp: 208656
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 12.5 8.7 13.1



#78
Pyrene
Concen: 43.368 ng
RT: 19.628 min Scan# 2815
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

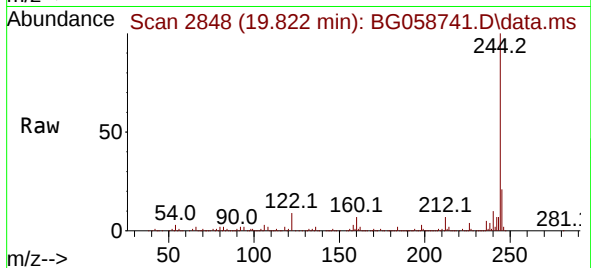
Tgt Ion:202 Resp: 638650
Ion Ratio Lower Upper
202 100
200 22.2 18.2 27.2
203 18.5 15.1 22.7



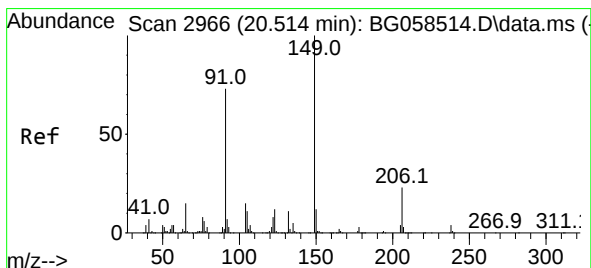
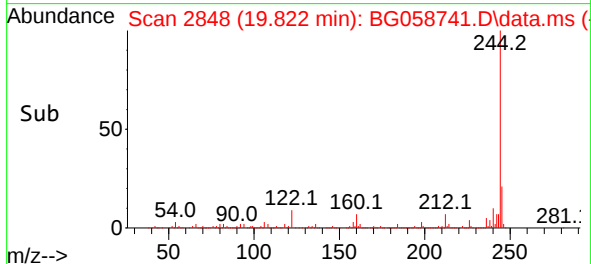
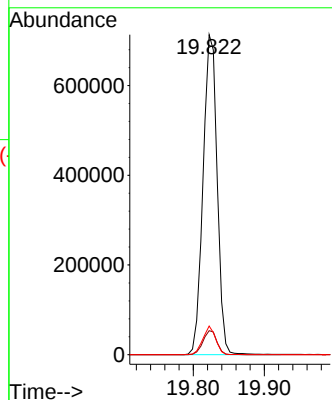


#79
 Terphenyl-d14
 Concen: 85.728 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG058741.D
 Acq: 16 Aug 2023 9:55

Instrument :
 BNA_G
 ClientSampleId :
 PB154790BS

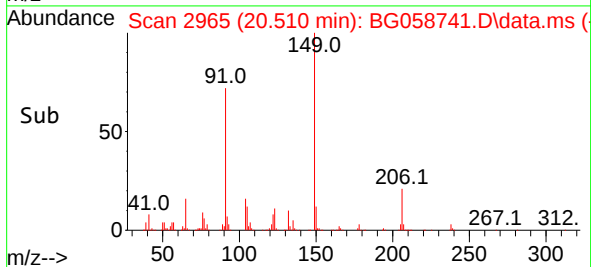
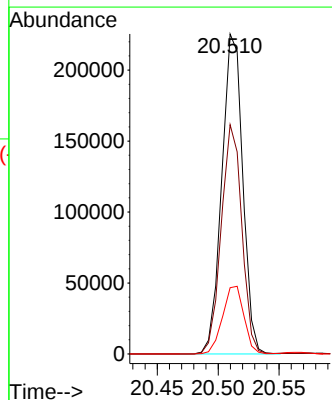
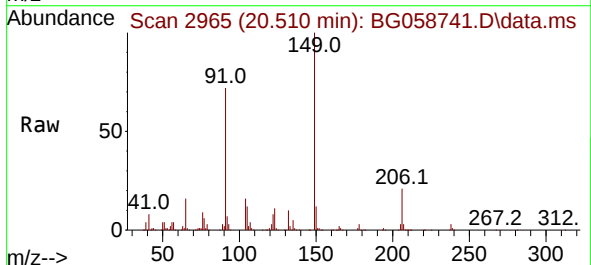


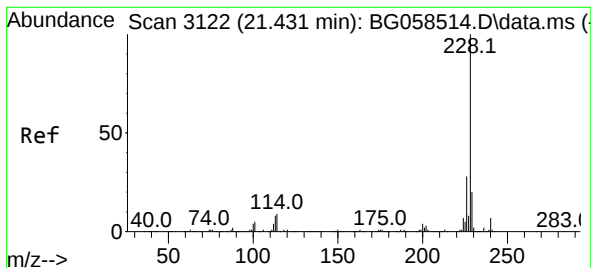
Tgt Ion:244 Resp: 986447
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 8.9 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 44.628 ng
 RT: 20.510 min Scan# 2965
 Delta R.T. -0.004 min
 Lab File: BG058741.D
 Acq: 16 Aug 2023 9:55

Tgt Ion:149 Resp: 269954
 Ion Ratio Lower Upper
 149 100
 91 71.7 58.4 87.6
 206 20.7 18.3 27.5





#81

Benzo(a)anthracene

Concen: 43.406 ng

RT: 21.432 min Scan# 3122

Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

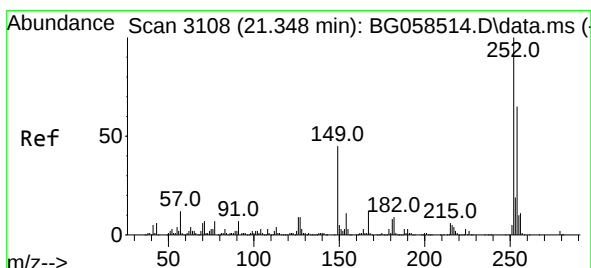
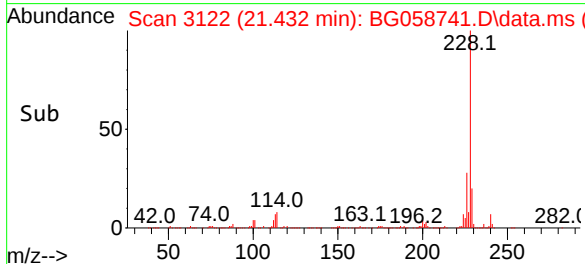
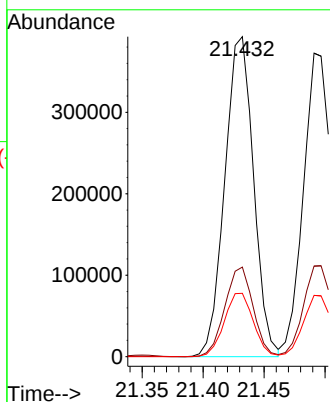
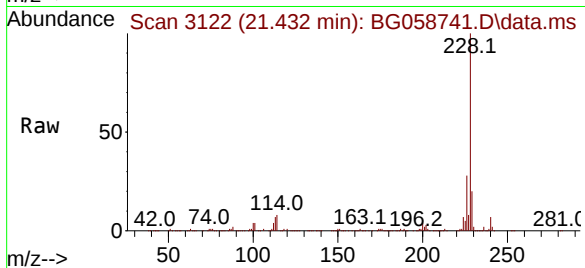
Tgt Ion:228 Resp: 646388

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

229 19.8 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 35.065 ng

RT: 21.350 min Scan# 3108

Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

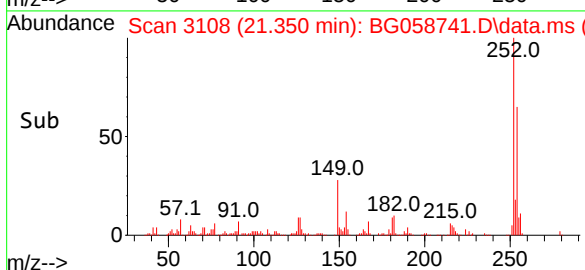
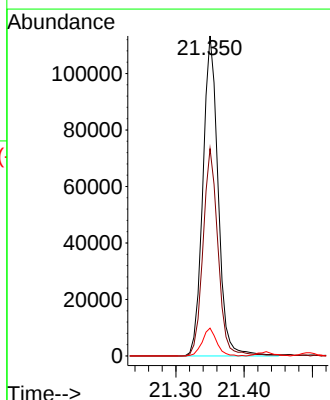
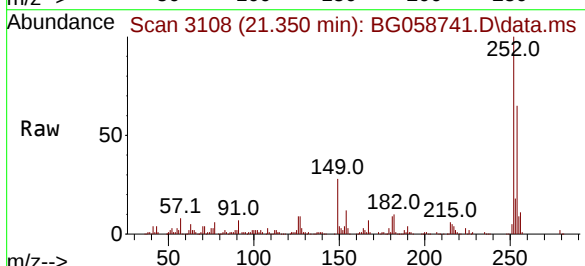
Tgt Ion:252 Resp: 176550

Ion Ratio Lower Upper

252 100

254 64.8 52.2 78.4

126 8.7 7.2 10.8





#83

Chrysene

Concen: 42.116 ng

RT: 21.491 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

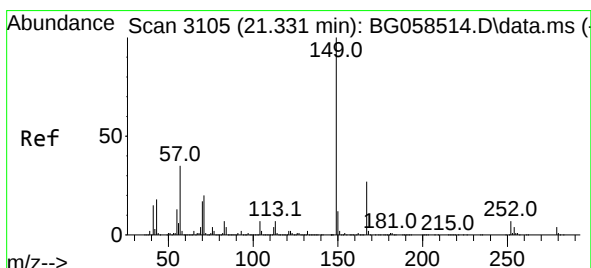
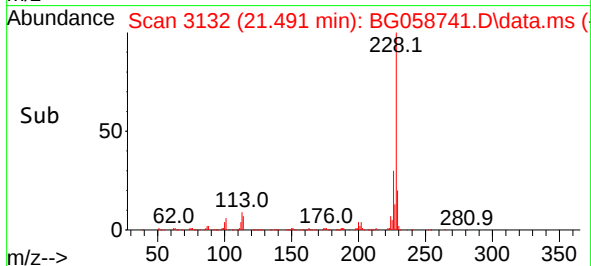
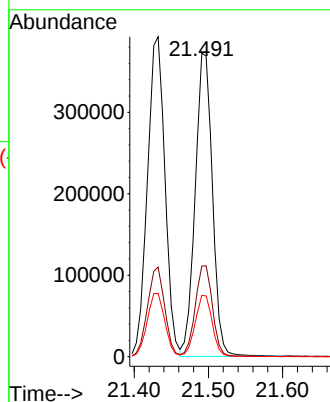
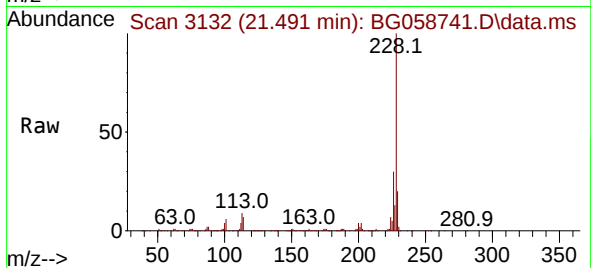
Tgt Ion:228 Resp: 601321

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

229 20.2 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.531 ng

RT: 21.332 min Scan# 3105

Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

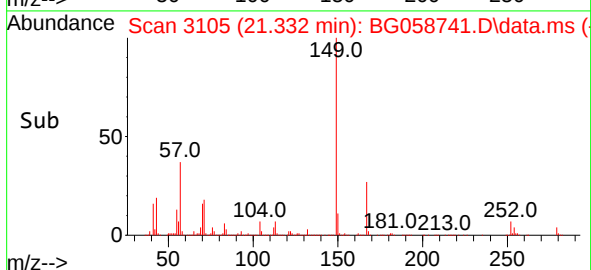
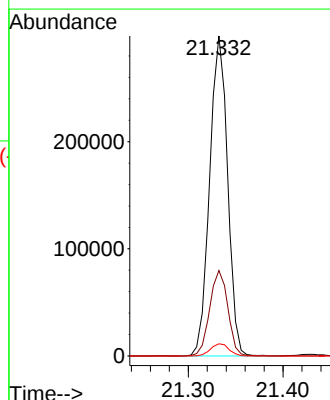
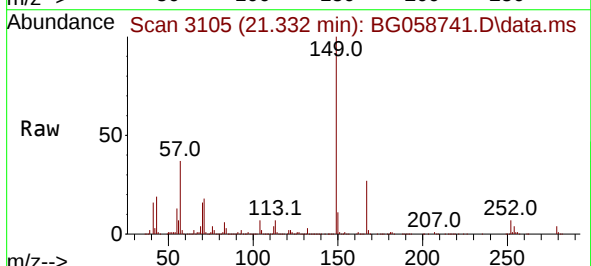
Tgt Ion:149 Resp: 393638

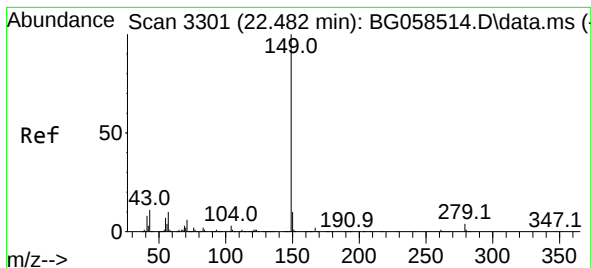
Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.8

279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.399 ng

RT: 22.484 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

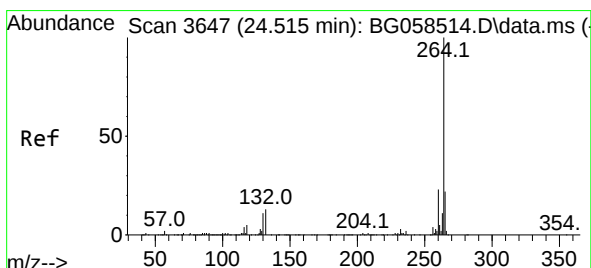
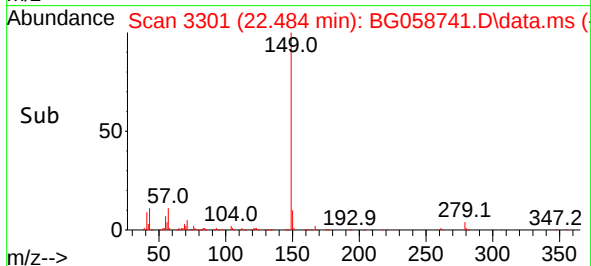
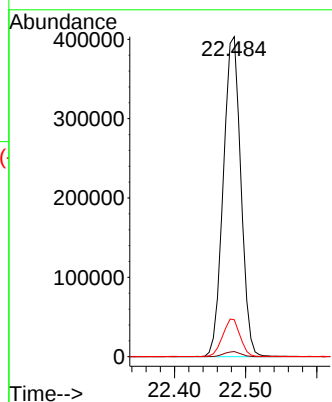
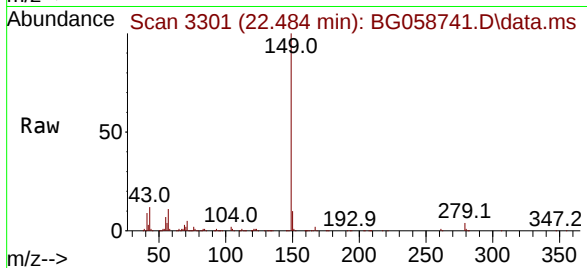
Tgt Ion:149 Resp: 690009

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.6 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.523 min Scan# 3648

Delta R.T. 0.008 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

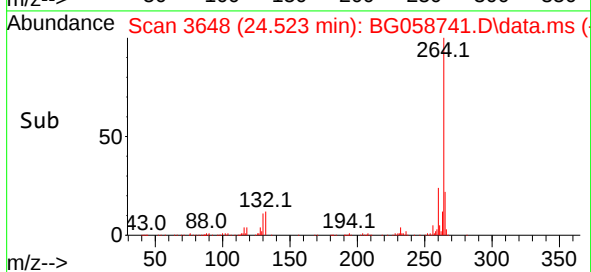
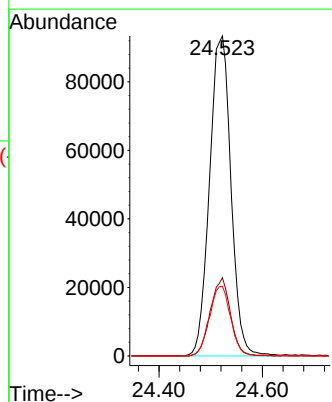
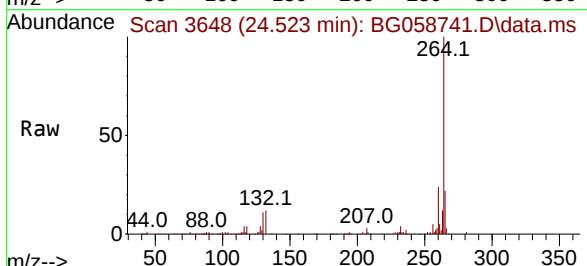
Tgt Ion:264 Resp: 268553

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 21.8 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.425 ng

RT: 28.024 min Scan# 41

Delta R.T. 0.013 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

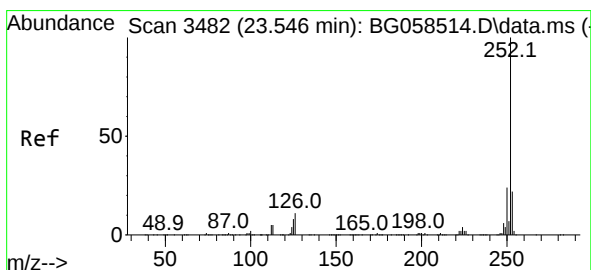
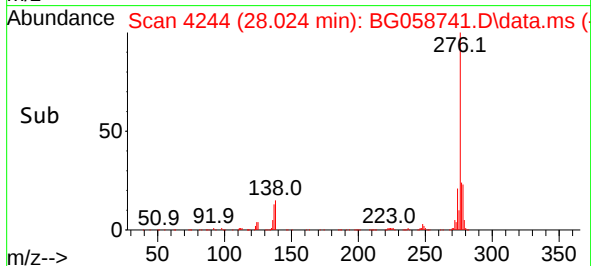
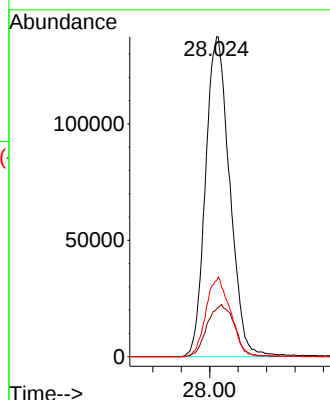
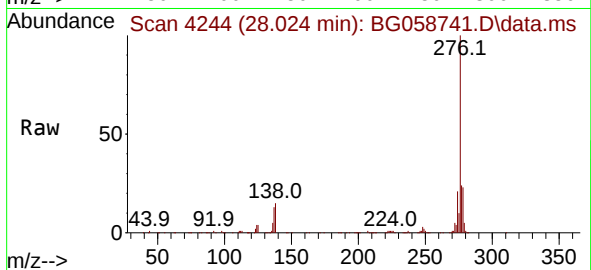
Tgt Ion:276 Resp: 811563

Ion Ratio Lower Upper

276 100

138 18.2 16.0 24.0

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.760 ng

RT: 23.547 min Scan# 3482

Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

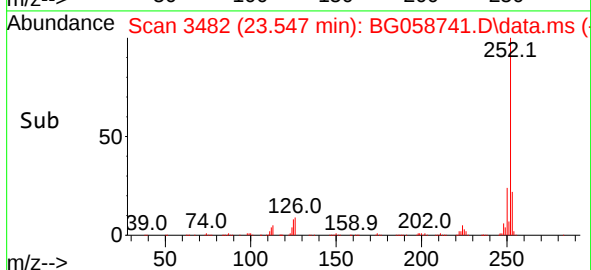
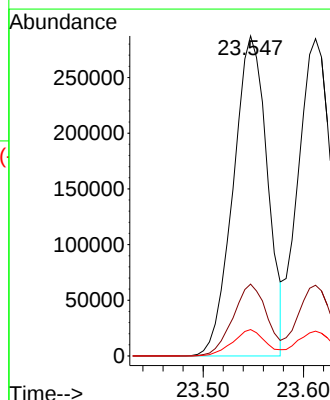
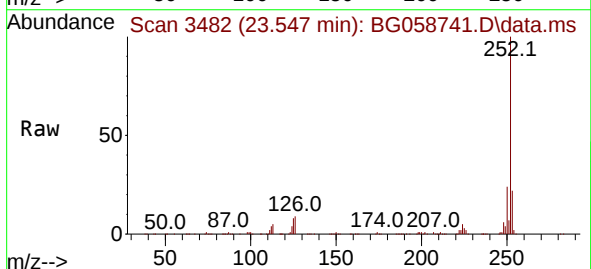
Tgt Ion:252 Resp: 681094

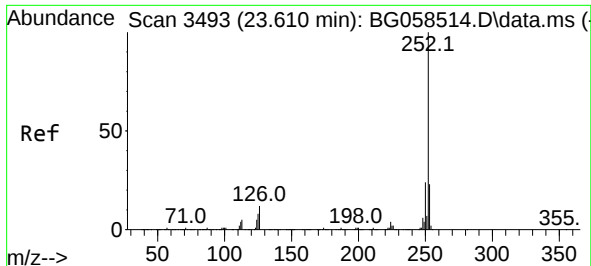
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 8.2 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 45.514 ng

RT: 23.612 min Scan# 34

Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

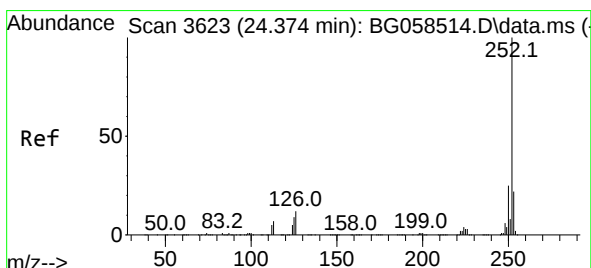
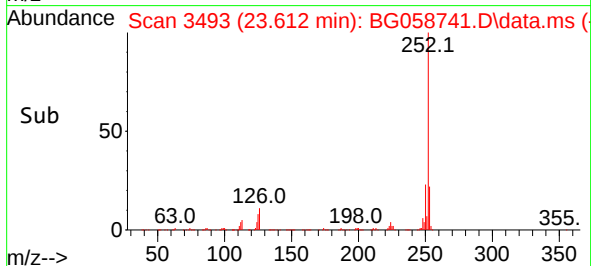
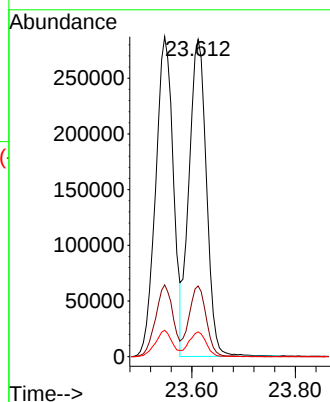
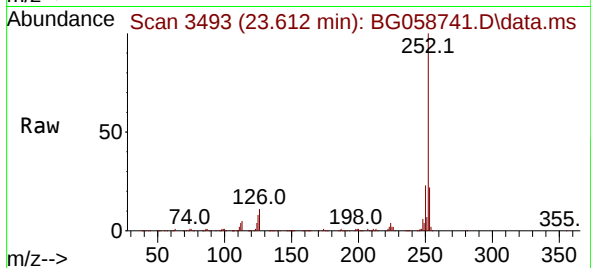
Tgt Ion:252 Resp: 665994

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 7.8 6.6 10.0



#90

Benzo(a)pyrene

Concen: 42.531 ng

RT: 24.382 min Scan# 3624

Delta R.T. 0.008 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

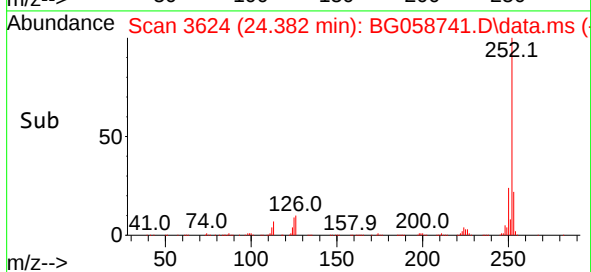
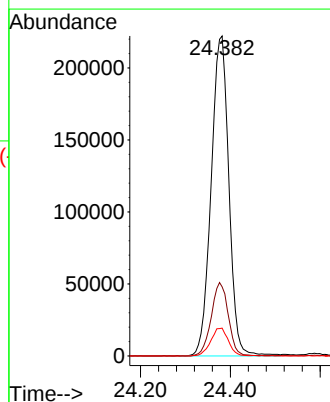
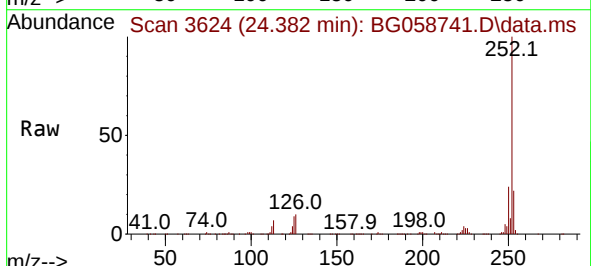
Tgt Ion:252 Resp: 608389

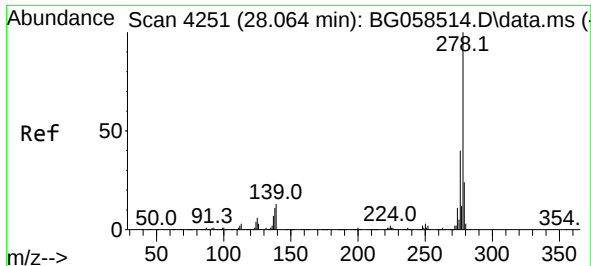
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.7 7.4 11.2

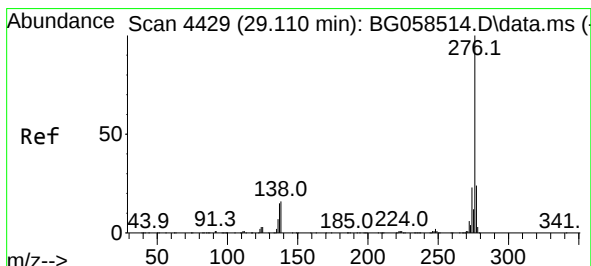
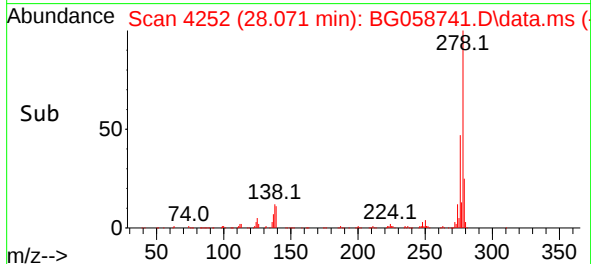
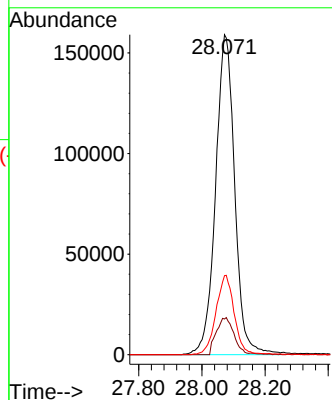
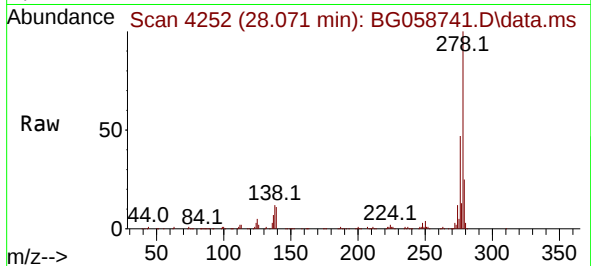




#91
Dibenzo(a,h)anthracene
Concen: 45.328 ng
RT: 28.071 min Scan# 41
Delta R.T. 0.008 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :
BNA_G
ClientSampleId :
PB154790BS

Tgt Ion:278 Resp: 669613
Ion Ratio Lower Upper
278 100
139 11.2 10.4 15.6
279 24.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 44.334 ng
RT: 29.117 min Scan# 4430
Delta R.T. 0.008 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:276 Resp: 656731
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 15.6 13.0 19.4

