

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058834.D
 Acq On : 24 Aug 2023 11:47
 Operator : MA/JU
 Sample : PB155001BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154945BS

Quant Time: Aug 24 12:21:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	17042	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	74073	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	53573	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	139762	20.000	ng	0.00
76) Chrysene-d12	21.450	240	118076	20.000	ng	0.00
86) Perylene-d12	24.517	264	145022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	160321	151.389	ng	0.00
7) Phenol-d6	6.985	99	214356	144.271	ng	0.00
23) Nitrobenzene-d5	8.971	82	130499	84.701	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	119612	142.393	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	307915	83.596	ng	0.00
79) Terphenyl-d14	19.823	244	646113	98.255	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.260	88	18349	36.854	ng	95
3) Pyridine	3.659	79	45253	34.395	ng	92
4) n-Nitrosodimethylamine	3.577	42	33614	46.994	ng	95
6) Aniline	7.132	93	54942	30.250	ng	100
8) 2-Chlorophenol	7.373	128	57893	54.067	ng	95
9) Benzaldehyde	6.950	77	24061	28.870	ng	96
10) Phenol	7.008	94	76835	53.629	ng	99
11) bis(2-Chloroethyl)ether	7.232	93	53927	48.238	ng	98
12) 1,3-Dichlorobenzene	7.696	146	57827	50.843	ng	94
13) 1,4-Dichlorobenzene	7.843	146	59552	51.779	ng	95
14) 1,2-Dichlorobenzene	8.160	146	56914	51.199	ng	98
15) Benzyl Alcohol	8.048	79	55250	52.010	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.330	45	116587	48.935	ng	99
17) 2-Methylphenol	8.260	107	51736	49.165	ng	97
18) Hexachloroethane	8.883	117	21568	51.469	ng	96
19) n-Nitroso-di-n-propyla...	8.612	70	44441	46.272	ng	98
20) 3+4-Methylphenols	8.589	107	70276	49.674	ng	98
22) Acetophenone	8.630	105	89147	44.460	ng	100
24) Nitrobenzene	9.012	77	66667	43.506	ng	96
25) Isophorone	9.535	82	130586	42.621	ng	99
26) 2-Nitrophenol	9.729	139	29913	46.675	ng	95
27) 2,4-Dimethylphenol	9.787	122	52339	48.188	ng	96
28) bis(2-Chloroethoxy)met...	10.017	93	71642	44.143	ng	97
29) 2,4-Dichlorophenol	10.263	162	56474	50.599	ng	98
30) 1,2,4-Trichlorobenzene	10.475	180	61843	45.885	ng	98
31) Naphthalene	10.657	128	174918	44.974	ng	99
32) Benzoic acid	9.958	122	29191	44.348	ng	96
33) 4-Chloroaniline	10.780	127	43354	26.431	ng	96
34) Hexachlorobutadiene	10.939	225	41398	45.511	ng	99
35) Caprolactam	11.550	113	21016	52.548	ng	92
36) 4-Chloro-3-methylphenol	11.908	107	68815	49.579	ng	98
37) 2-Methylnaphthalene	12.273	142	121572	43.521	ng	99
38) 1-Methylnaphthalene	12.496	142	117937	44.477	ng	98
40) 1,2,4,5-Tetrachloroben...	12.643	216	73466	44.482	ng	98
41) Hexachlorocyclopentadiene	12.619	237	57499	87.563	ng	98
43) 2,4,6-Trichlorophenol	12.890	196	51449	48.957	ng	98

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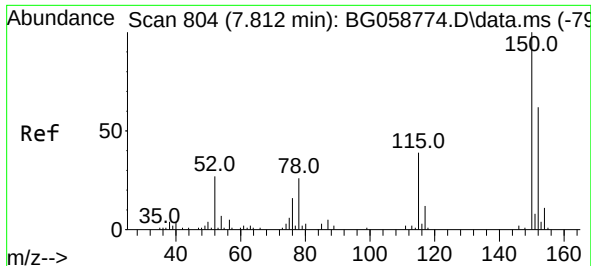
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	55792	44.334	ng	97
46) 1,1'-Biphenyl	13.289	154	162178	43.944	ng	99
47) 2-Chloronaphthalene	13.330	162	130639	45.423	ng	98
48) 2-Nitroaniline	13.542	65	50821	46.527	ng	97
49) Acenaphthylene	14.176	152	221790	46.502	ng	98
50) Dimethylphthalate	13.918	163	189421	45.665	ng	100
51) 2,6-Dinitrotoluene	14.041	165	41126	47.193	ng	98
52) Acenaphthene	14.523	154	123286	44.234	ng	99
53) 3-Nitroaniline	14.376	138	27940	33.242	ng	91
54) 2,4-Dinitrophenol	14.588	184	45488	92.241	ng	95
55) Dibenzofuran	14.858	168	214969	44.713	ng	100
56) 4-Nitrophenol	14.699	139	62256	101.140	ng	99
57) 2,4-Dinitrotoluene	14.834	165	63023	51.850	ng	# 95
58) Fluorene	15.504	166	179387	46.884	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	53662	52.255	ng	97
60) Diethylphthalate	15.275	149	204127	47.729	ng	98
61) 4-Chlorophenyl-phenylether	15.498	204	97111	45.791	ng	99
62) 4-Nitroaniline	15.540	138	43251	50.707	ng	91
63) Azobenzene	15.786	77	179345	45.669	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	38235	48.399	ng	95
66) n-Nitrosodiphenylamine	15.716	169	164118	45.561	ng	97
67) 4-Bromophenyl-phenylether	16.391	248	67085	43.741	ng	99
68) Hexachlorobenzene	16.509	284	77330	46.849	ng	99
69) Atrazine	16.668	200	71163	55.822	ng	98
70) Pentachlorophenol	16.861	266	70181	81.083	ng	95
71) Phenanthrene	17.243	178	309173	46.079	ng	99
72) Anthracene	17.337	178	312166	46.389	ng	99
73) Carbazole	17.614	167	303379	49.231	ng	99
74) Di-n-butylphthalate	18.160	149	373106	47.996	ng	99
75) Fluoranthene	19.259	202	390960	46.987	ng	99
77) Benzidine	19.447	184	123481	58.352	ng	98
78) Pyrene	19.623	202	400887	48.727	ng	98
80) Butylbenzylphthalate	20.510	149	163727	49.069	ng	96
81) Benzo(a)anthracene	21.427	228	394870	48.042	ng	98
82) 3,3'-Dichlorobenzidine	21.350	252	107553	37.902	ng	99
83) Chrysene	21.491	228	362460	45.752	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	238215	48.677	ng	99
85) Di-n-octyl phthalate	22.478	149	414364	49.228	ng	99
87) Indeno(1,2,3-cd)pyrene	28.019	276	488227	49.760	ng	# 94
88) Benzo(b)fluoranthene	23.542	252	420027	52.200	ng	97
89) Benzo(k)fluoranthene	23.607	252	394066	47.487	ng	99
90) Benzo(a)pyrene	24.376	252	364750	46.037	ng	98
91) Dibenzo(a,h)anthracene	28.066	278	402732	49.952	ng	98
92) Benzo(g,h,i)perylene	29.112	276	392247	48.660	ng	98

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

BNA G

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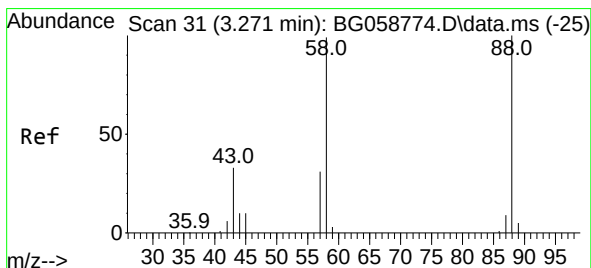
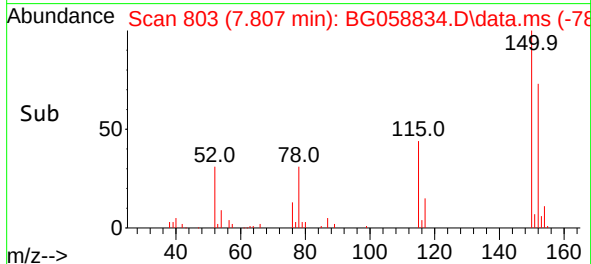
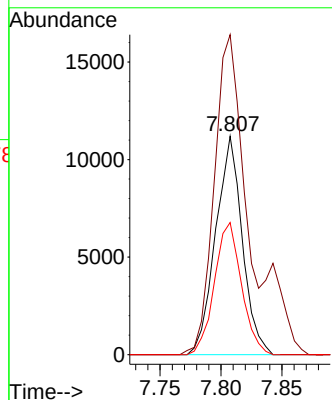
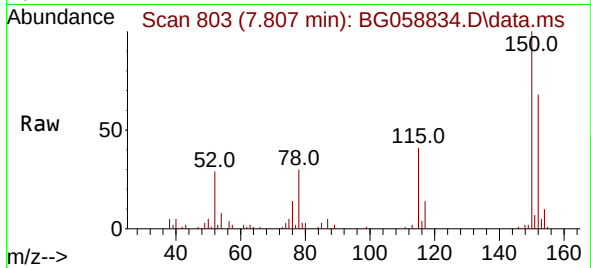
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

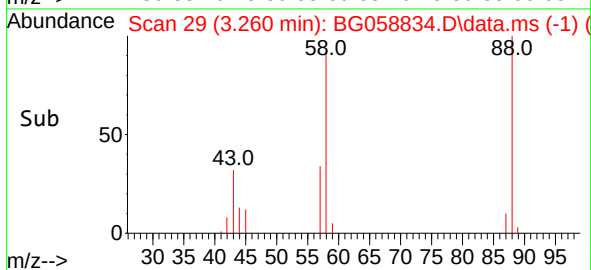
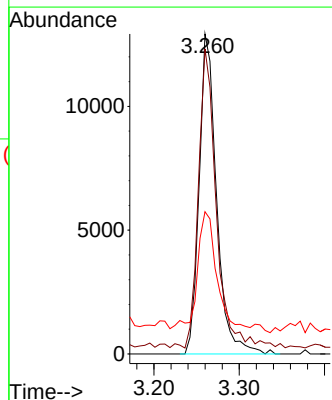
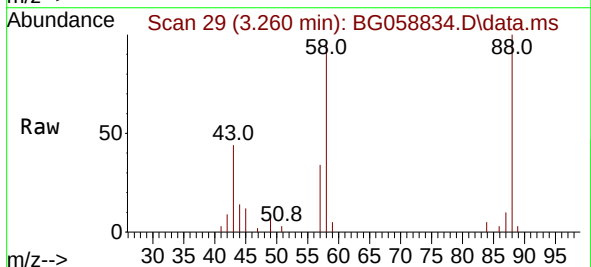
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ClientSampleId :
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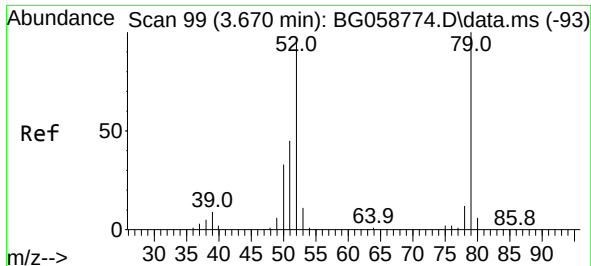
Tgt Ion:152 Resp: 17042
Ion Ratio Lower Upper
152 100
150 146.5 128.6 192.8
115 60.5 50.4 75.6



#2
1,4-Dioxane
Concen: 36.854 ng
RT: 3.260 min Scan# 29
Delta R.T. -0.011 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion: 88 Resp: 18349
Ion Ratio Lower Upper
88 100
58 97.4 82.8 124.2
43 38.7 30.1 45.1

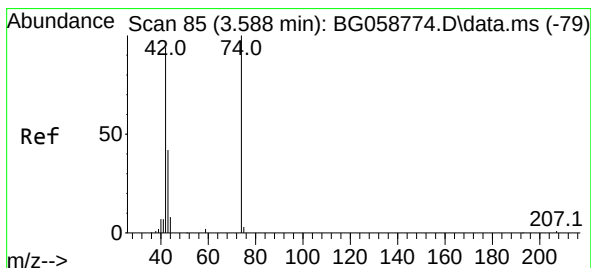
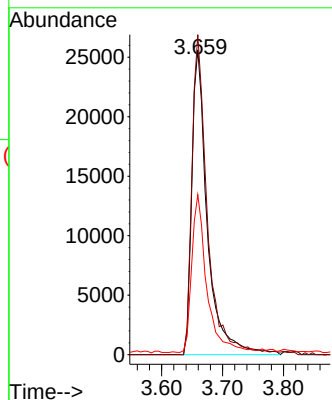
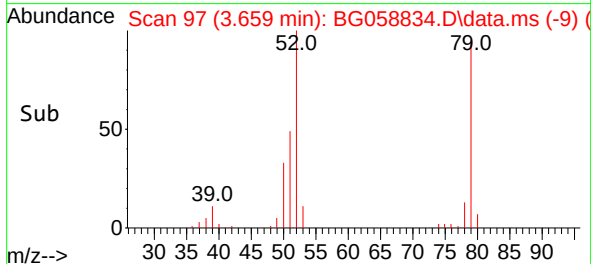
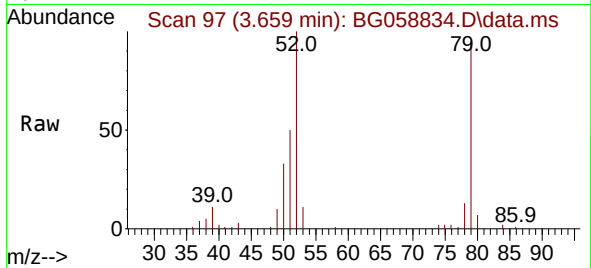




#3
 Pyridine
 Concen: 34.395 ng
 RT: 3.659 min Scan# 91
 Delta R.T. -0.011 min
 Lab File: BG058834.D
 Acq: 24 Aug 2023 11:47

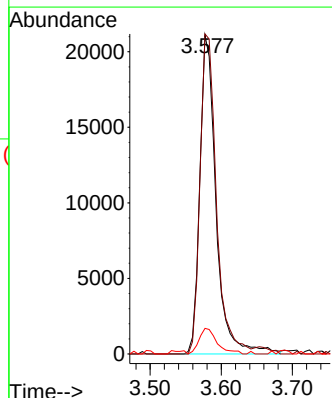
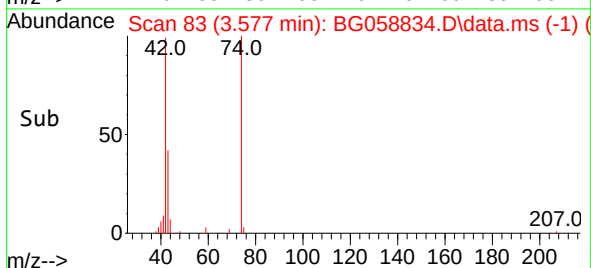
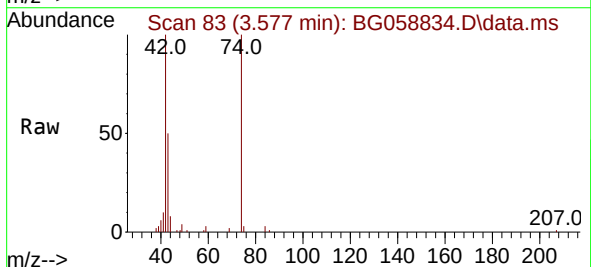
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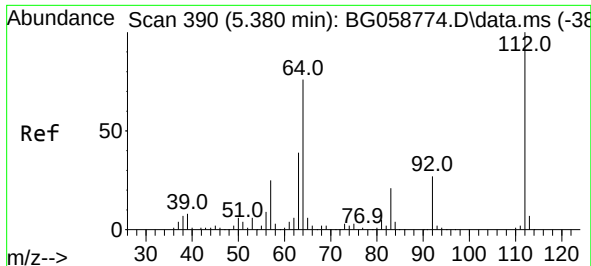
Tgt Ion: 79 Resp: 45253
 Ion Ratio Lower Upper
 79 100
 52 105.0 77.6 116.4
 51 52.5 37.5 56.3



#4
 n-Nitrosodimethylamine
 Concen: 46.994 ng
 RT: 3.577 min Scan# 83
 Delta R.T. -0.011 min
 Lab File: BG058834.D
 Acq: 24 Aug 2023 11:47

Tgt Ion: 42 Resp: 33614
 Ion Ratio Lower Upper
 42 100
 74 100.5 85.1 127.7
 44 8.1 6.9 10.3

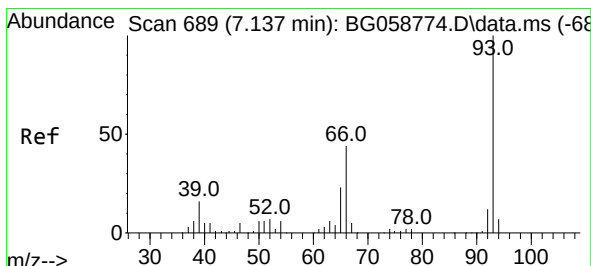
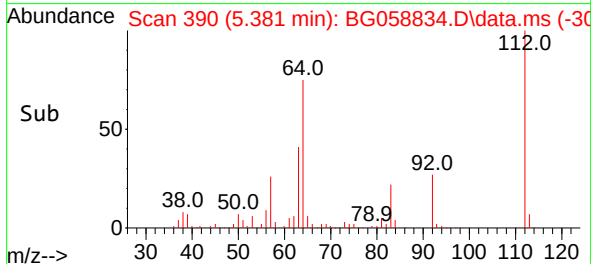
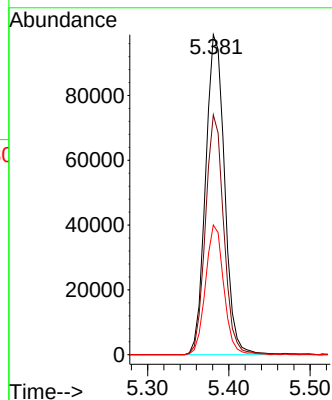
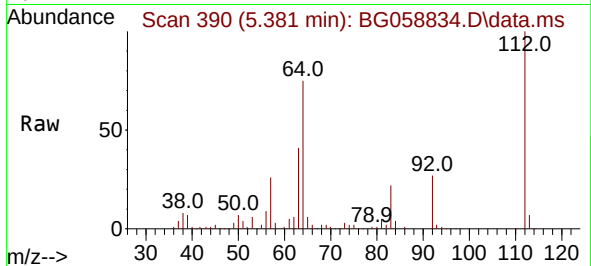




#5
2-Fluorophenol
Concen: 151.389 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

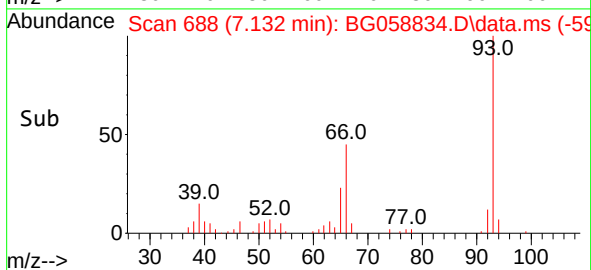
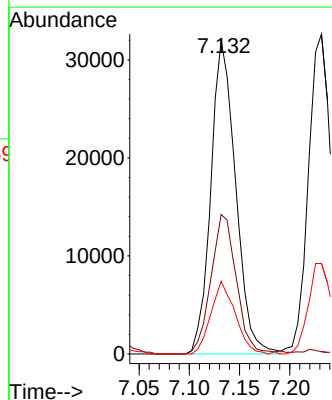
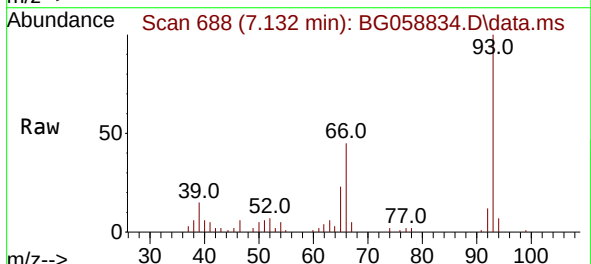
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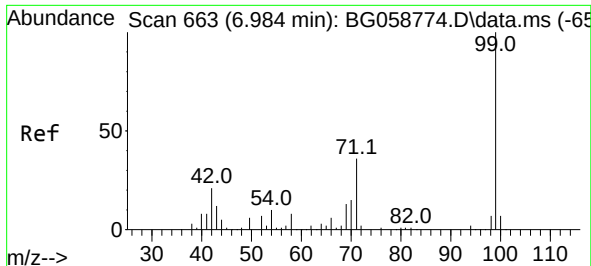
Tgt Ion:112 Resp: 160321
Ion Ratio Lower Upper
112 100
64 75.0 60.6 90.8
63 40.5 31.0 46.4



#6
Aniline
Concen: 30.250 ng
RT: 7.132 min Scan# 688
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion: 93 Resp: 54942
Ion Ratio Lower Upper
93 100
66 44.5 35.7 53.5
65 23.2 18.2 27.2

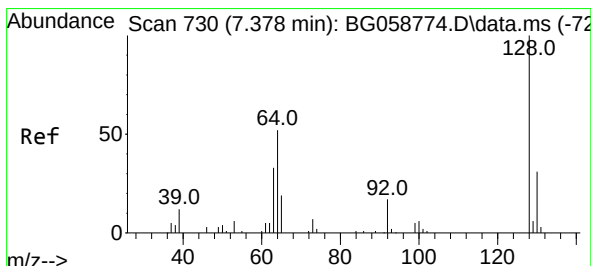
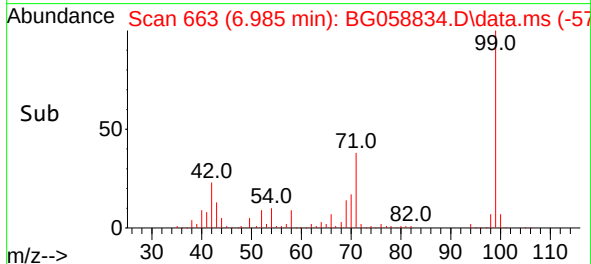
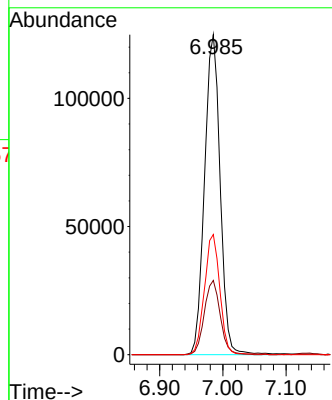
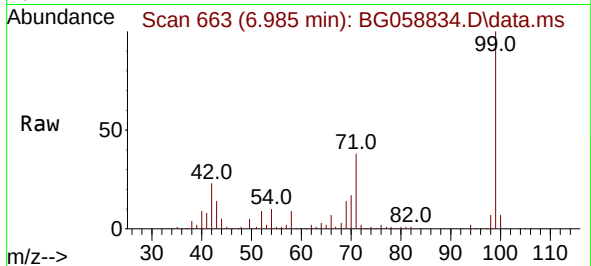




#7
Phenol-d6
Concen: 144.271 ng
RT: 6.985 min Scan# 611
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

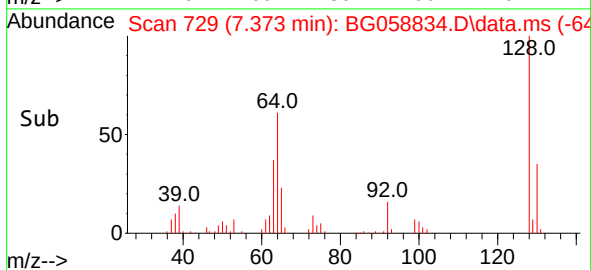
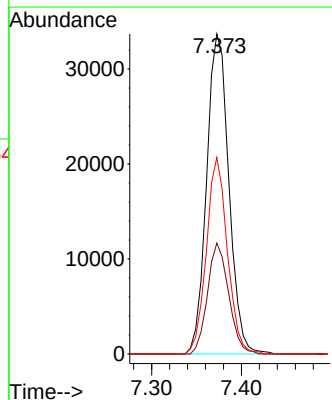
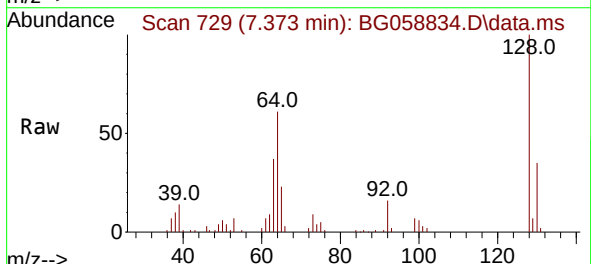
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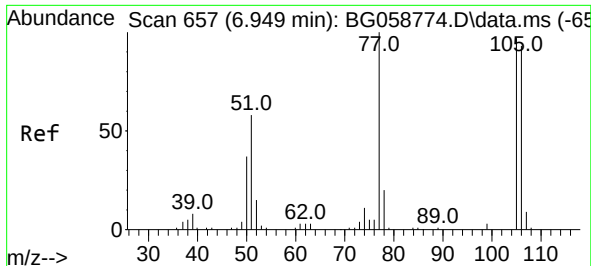
Tgt Ion: 99 Resp: 214356
Ion Ratio Lower Upper
99 100
42 23.2 16.5 24.7
71 37.5 28.4 42.6



#8
2-Chlorophenol
Concen: 54.067 ng
RT: 7.373 min Scan# 729
Delta R.T. -0.005 min
Lab File: BG058834.D
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Tgt Ion: 128 Resp: 57893
Ion Ratio Lower Upper
128 100
130 34.7 10.9 50.9
64 61.4 38.4 78.4

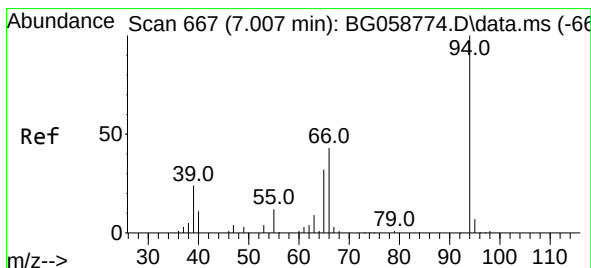
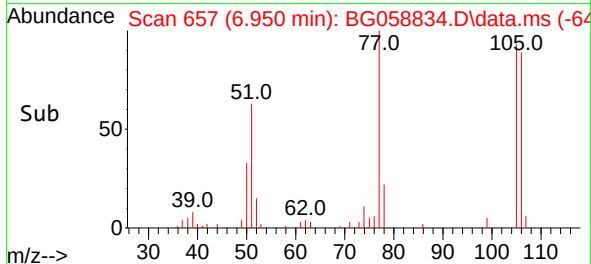
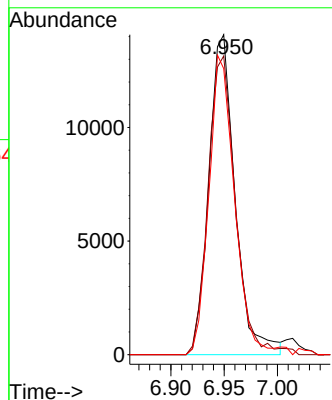
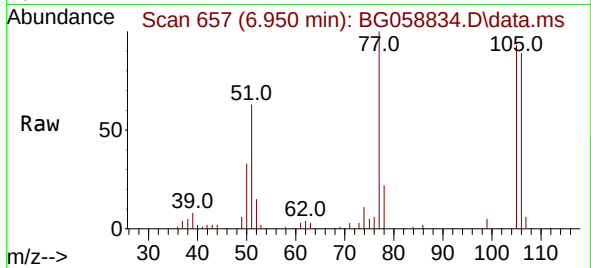




#9
Benzaldehyde
Concen: 28.870 ng
RT: 6.950 min Scan# 657
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

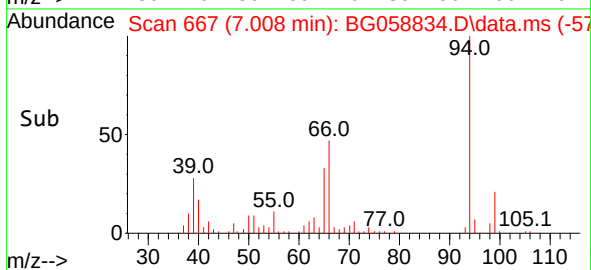
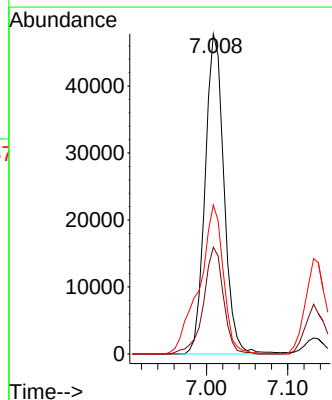
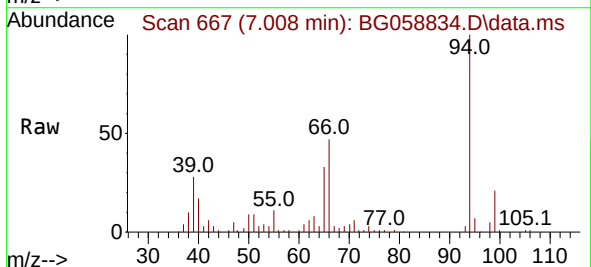
Instrument :
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ClientSampleId :
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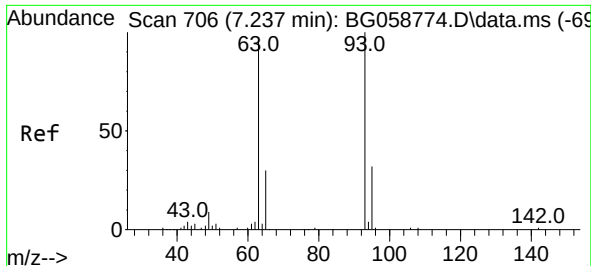
Tgt Ion: 77 Resp: 24061
Ion Ratio Lower Upper
77 100
105 93.4 76.7 116.7
106 89.4 73.4 113.4



#10
Phenol
Concen: 53.629 ng
RT: 7.008 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG058834.D
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Tgt Ion: 94 Resp: 76835
Ion Ratio Lower Upper
94 100
65 33.4 12.6 52.6
66 46.6 26.6 66.6

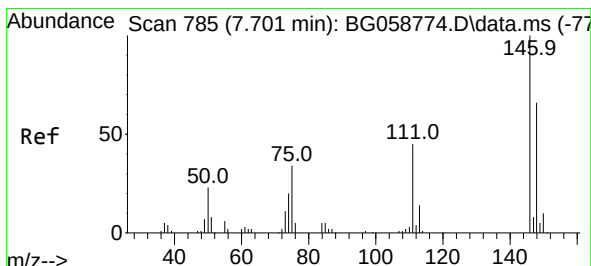
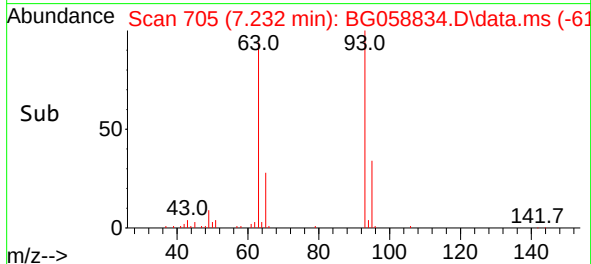
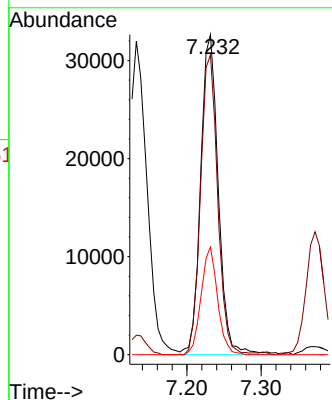
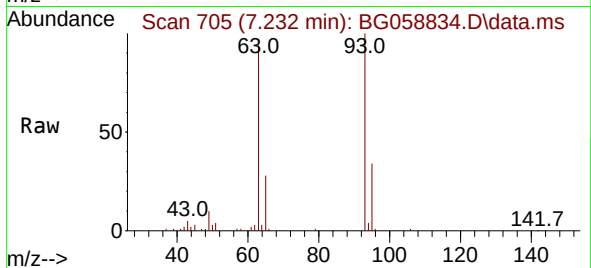




#11
bis(2-Chloroethyl)ether
Concen: 48.238 ng
RT: 7.232 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

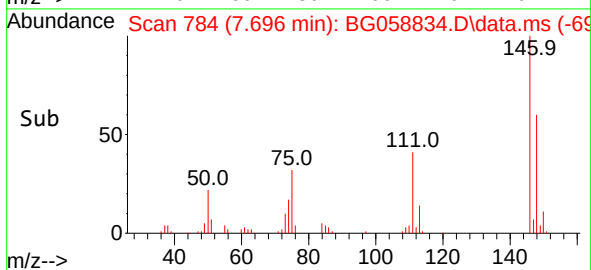
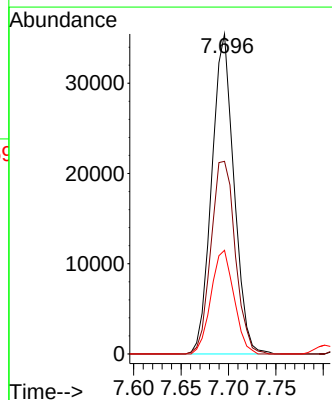
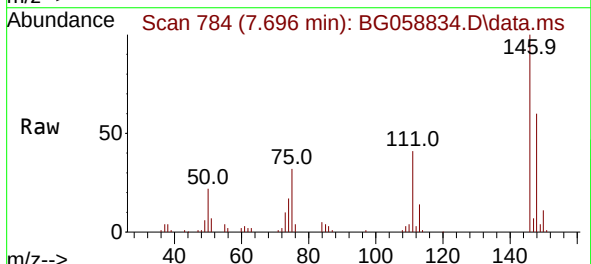
Instrument :
BNA_G
ClientSampleId :
PB154945BS

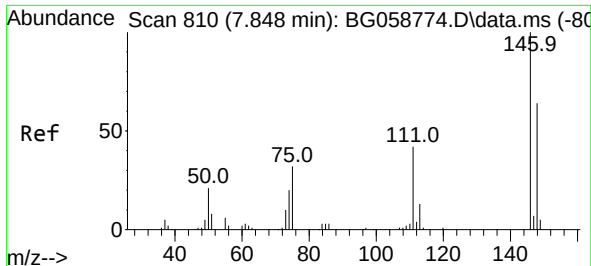
Tgt Ion: 93 Resp: 53927
Ion Ratio Lower Upper
93 100
63 93.7 74.8 114.8
95 33.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 50.843 ng
RT: 7.696 min Scan# 784
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:146 Resp: 57827
Ion Ratio Lower Upper
146 100
148 60.2 52.4 78.6
75 32.4 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 51.779 ng

RT: 7.843 min Scan# 809

Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

PB154945BS

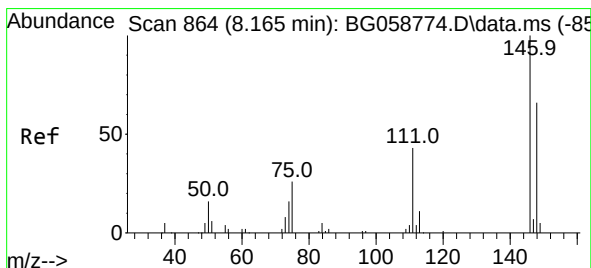
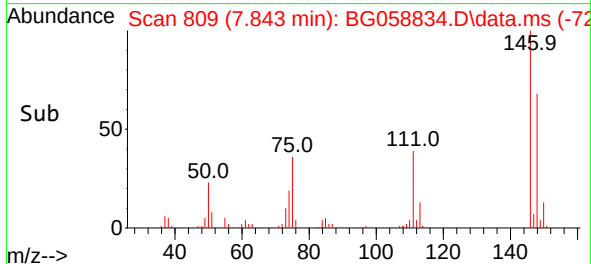
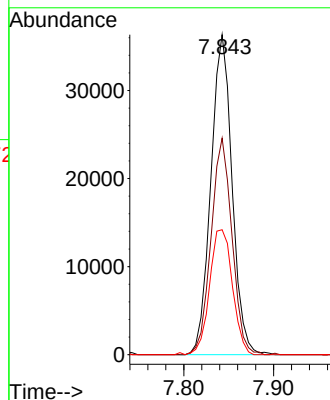
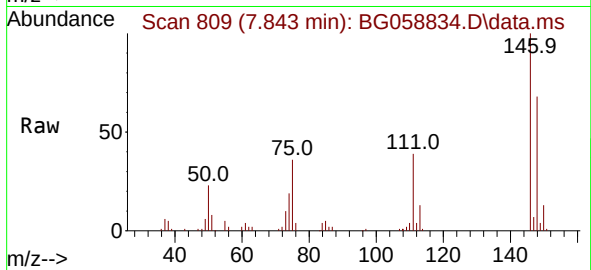
Tgt Ion:146 Resp: 59552

Ion Ratio Lower Upper

146 100

148 67.6 51.3 76.9

111 39.1 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 51.199 ng

RT: 8.160 min Scan# 863

Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

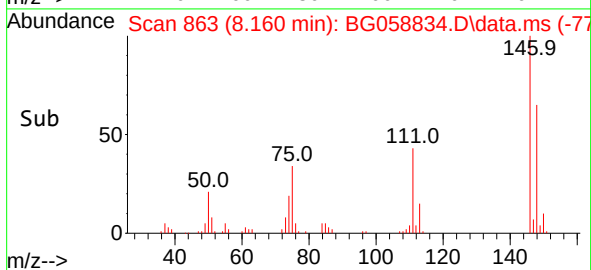
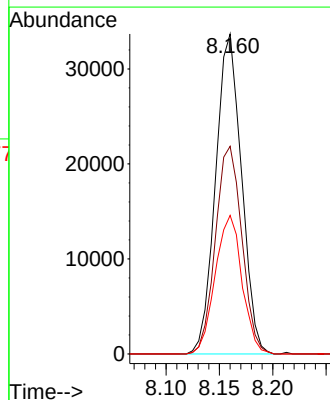
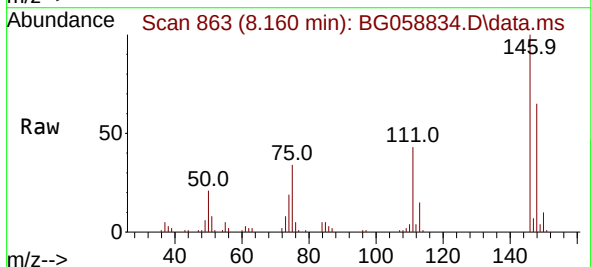
Tgt Ion:146 Resp: 56914

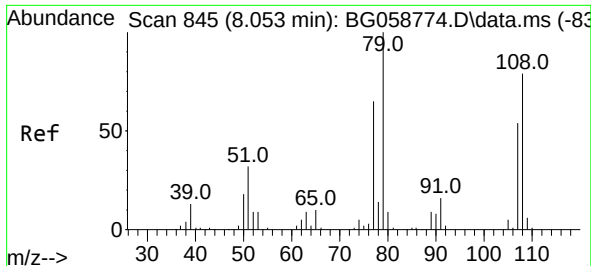
Ion Ratio Lower Upper

146 100

148 64.9 52.9 79.3

111 43.3 35.5 53.3

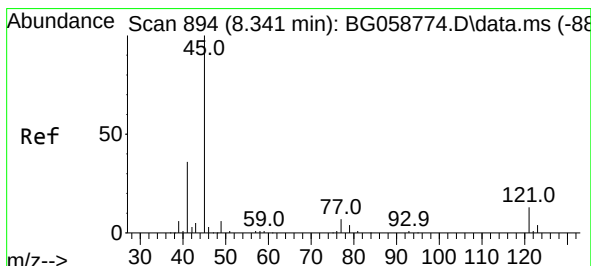
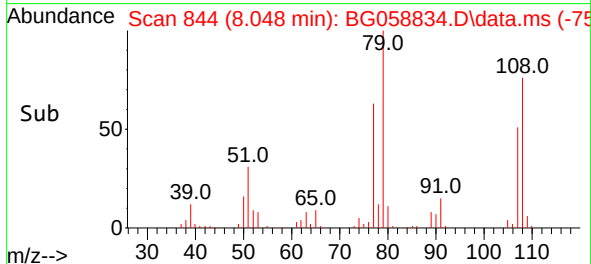
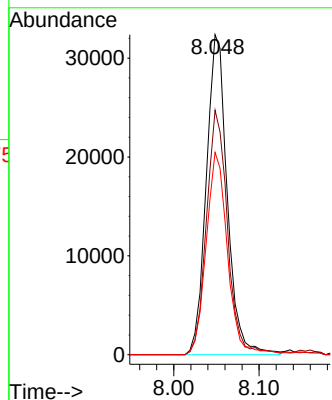
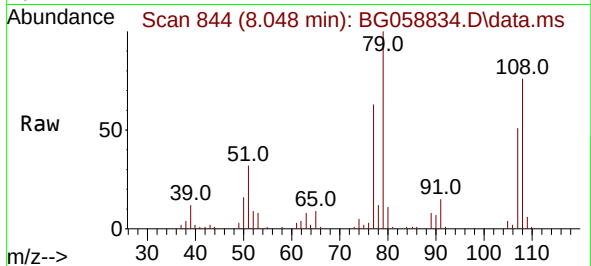




#15
Benzyl Alcohol
Concen: 52.010 ng
RT: 8.048 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

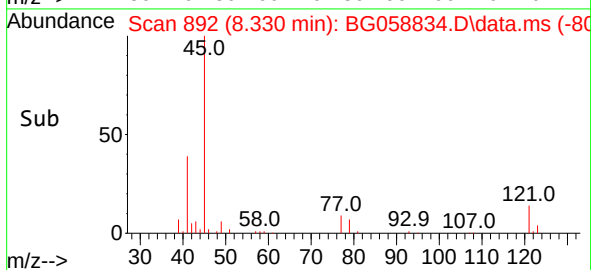
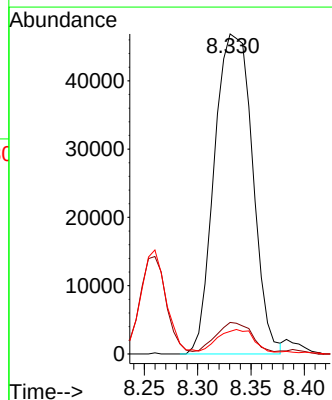
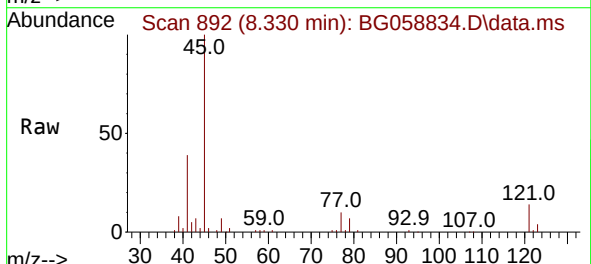
Instrument :
BNA_G
ClientSampleId :
PB154945BS

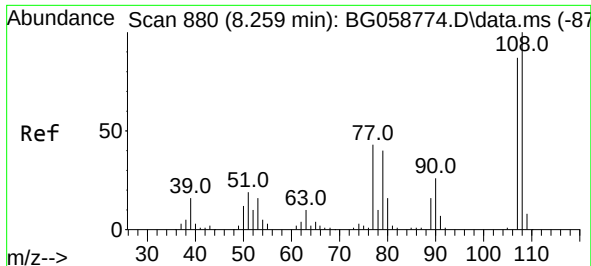
Tgt Ion:	79	Resp:	55250
Ion Ratio	Lower	Upper	
79	100		
108	76.4	63.4	95.0
77	63.2	52.2	78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.935 ng
RT: 8.330 min Scan# 892
Delta R.T. -0.011 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:	45	Resp:	116587
Ion Ratio	Lower	Upper	
45	100		
77	9.9	0.0	30.3
79	7.1	0.0	27.7

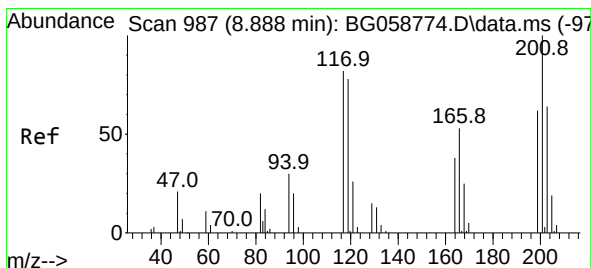
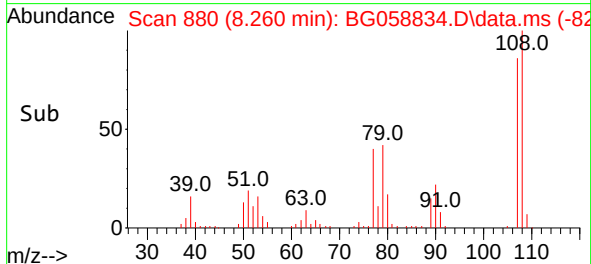
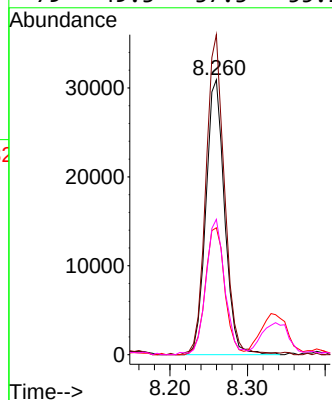
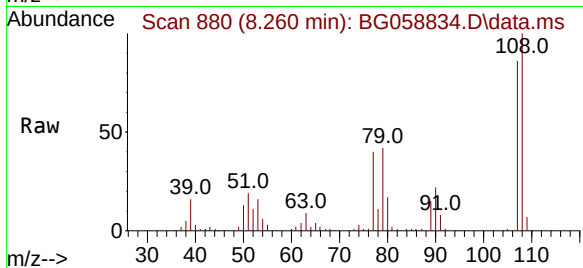




#17
2-Methylphenol
Concen: 49.165 ng
RT: 8.260 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

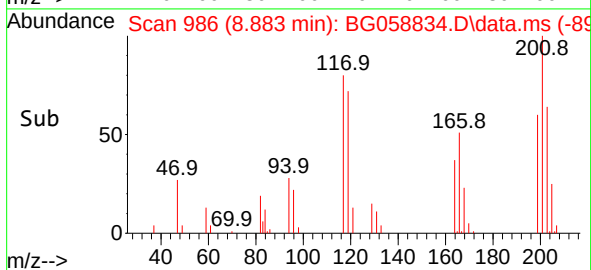
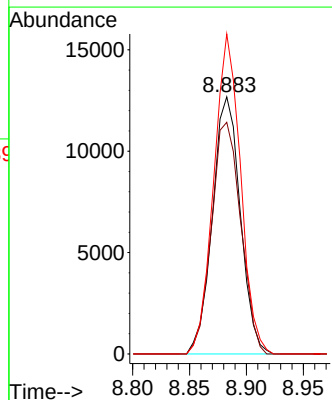
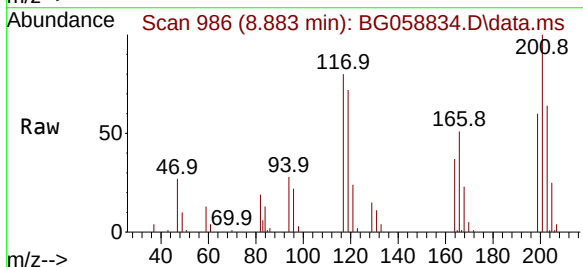
Instrument :
BNA_G
ClientSampleId :
PB154945BS

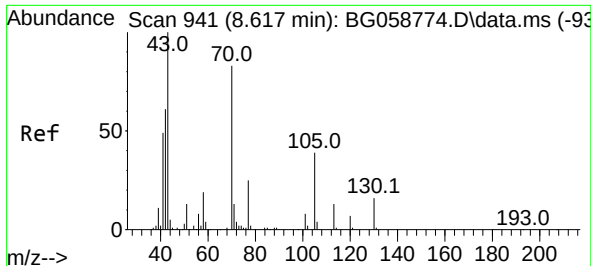
Tgt Ion:	107	Resp:	51736
Ion	Ratio	Lower	Upper
107	100		
108	116.4	92.2	138.2
77	46.2	40.0	60.0
79	49.3	37.3	55.9



#18
Hexachloroethane
Concen: 51.469 ng
RT: 8.883 min Scan# 986
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:	117	Resp:	21568
Ion	Ratio	Lower	Upper
117	100		
119	90.1	76.6	115.0
201	124.4	97.0	145.6

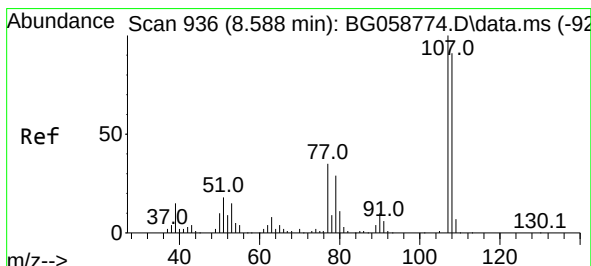
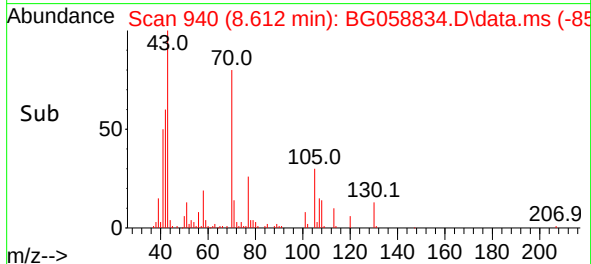
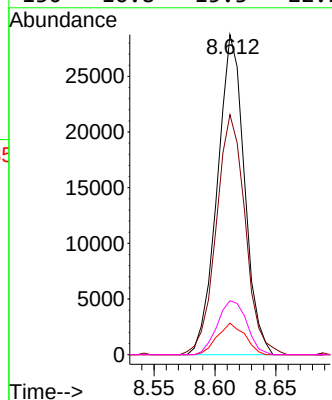
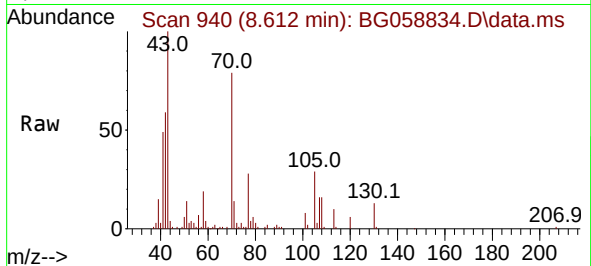




#19
n-Nitroso-di-n-propylamine
Concen: 46.272 ng
RT: 8.612 min Scan# 941
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

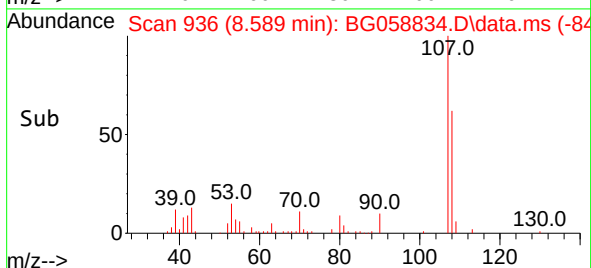
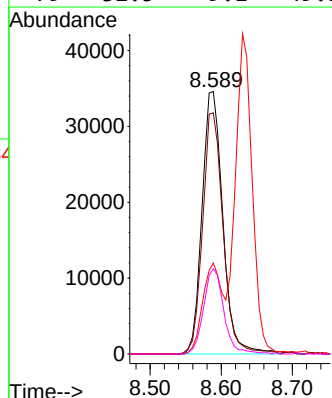
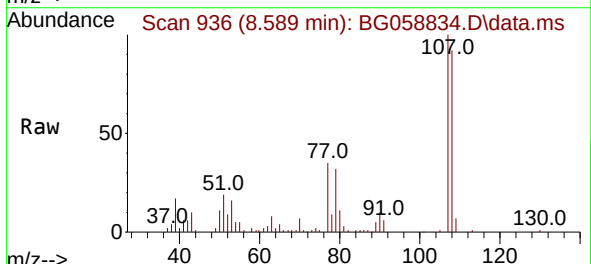
Instrument :
BNA_G
ClientSampleId :
PB154945BS

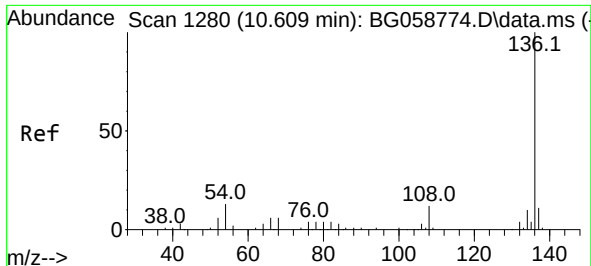
Tgt Ion:	70	Resp:	44441
Ion	Ratio	Lower	Upper
70	100		
42	75.0	59.2	88.8
101	9.9	8.2	12.2
130	16.8	15.3	22.9



#20
3+4-Methylphenols
Concen: 49.674 ng
RT: 8.589 min Scan# 936
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:	107	Resp:	70276
Ion	Ratio	Lower	Upper
107	100		
108	91.9	70.6	110.6
77	34.6	14.8	54.8
79	32.5	9.1	49.1





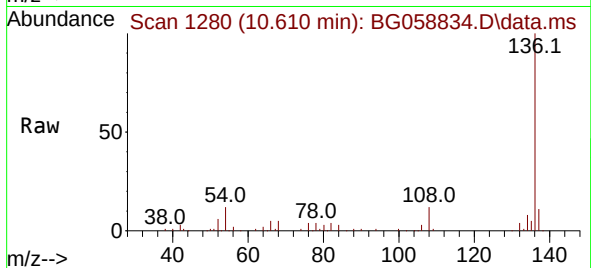
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

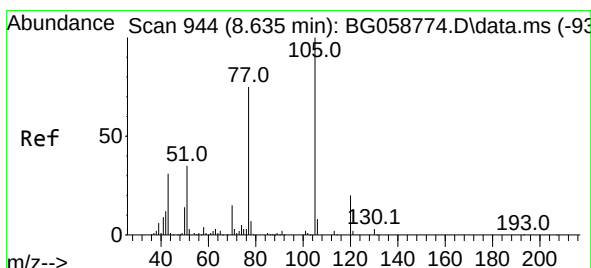
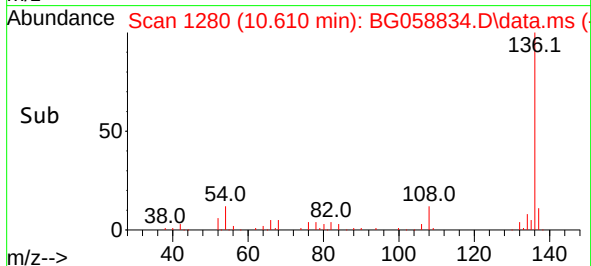
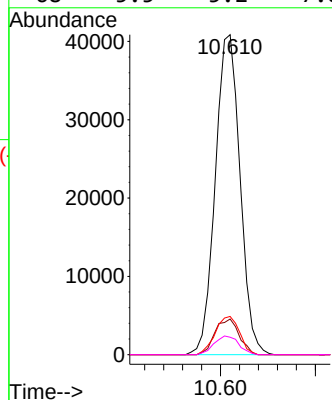
BNA_G

ClientSampleId :

PB154945BS

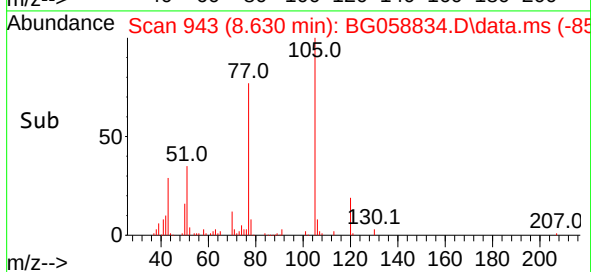
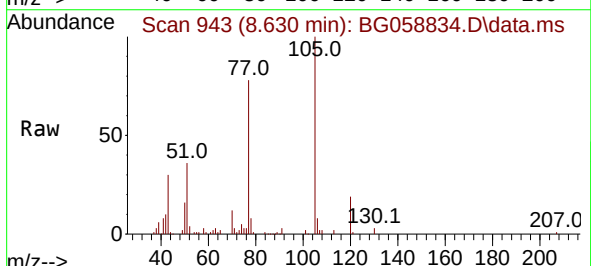
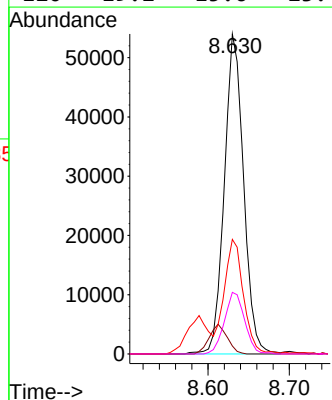


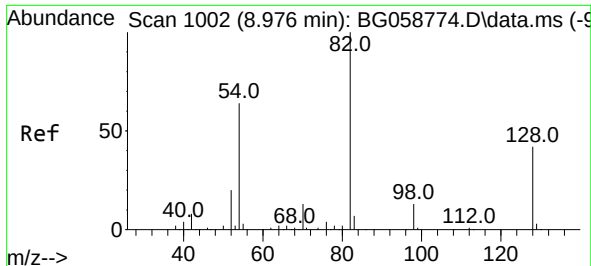
Tgt Ion:	136	Resp:	74073
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	12.0	10.1	15.1
68	5.5	5.2	7.8



#22
Acetophenone
Concen: 44.460 ng
RT: 8.630 min Scan# 943
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:	105	Resp:	89147
Ion Ratio	Lower	Upper	
105	100		
71	2.5	2.2	3.2
51	35.8	28.5	42.7
120	19.2	15.6	23.4





#23
Nitrobenzene-d5
Concen: 84.701 ng
RT: 8.971 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

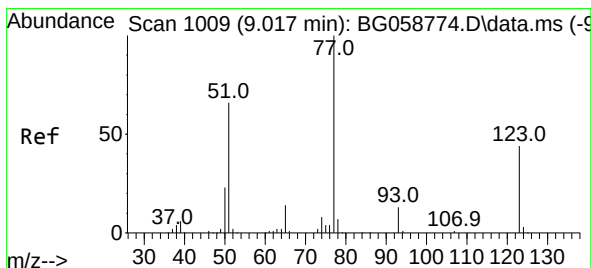
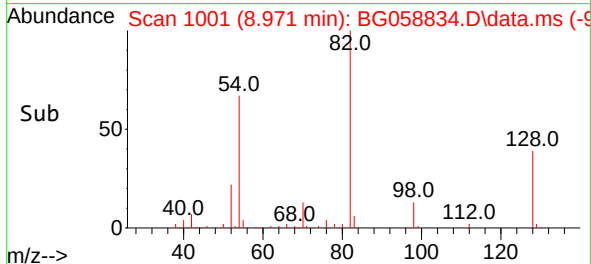
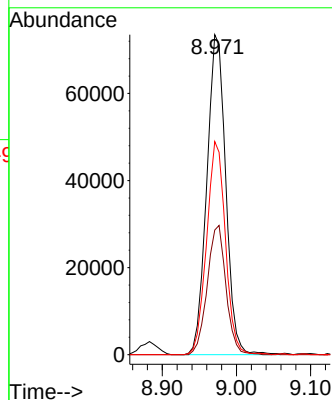
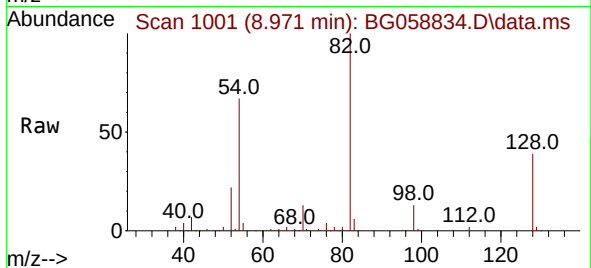
Instrument :

BNA_G

ClientSampleId :

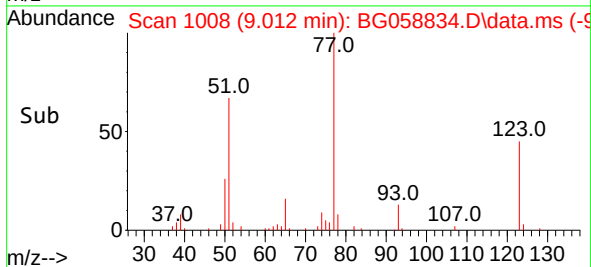
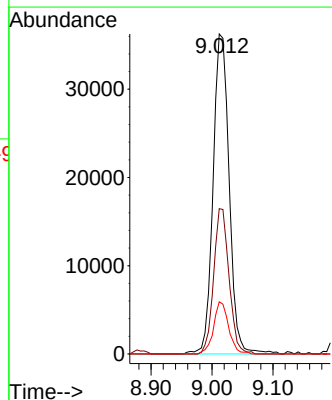
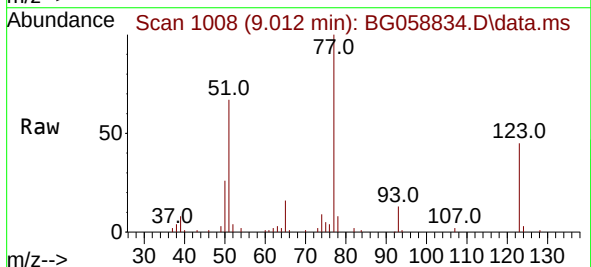
PB154945BS

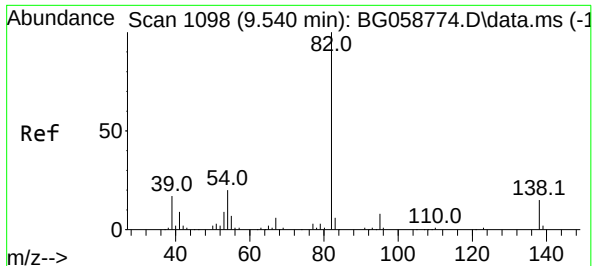
Tgt Ion: 82 Resp: 130499
Ion Ratio Lower Upper
82 100
128 38.9 33.2 49.8
54 66.6 51.2 76.8



#24
Nitrobenzene
Concen: 43.506 ng
RT: 9.012 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion: 77 Resp: 66667
Ion Ratio Lower Upper
77 100
123 45.4 34.9 52.3
65 16.3 10.9 16.3

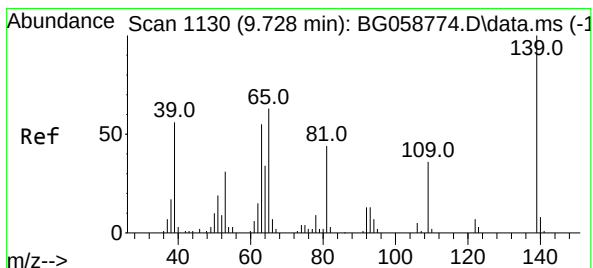
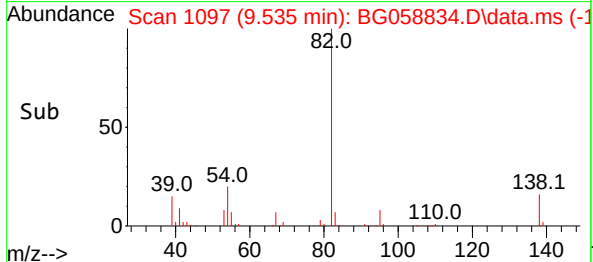
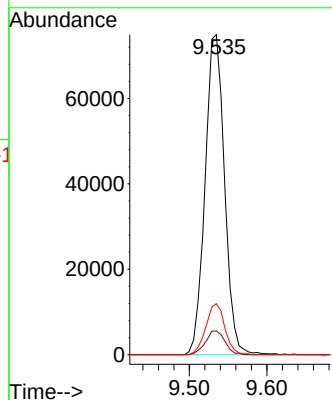
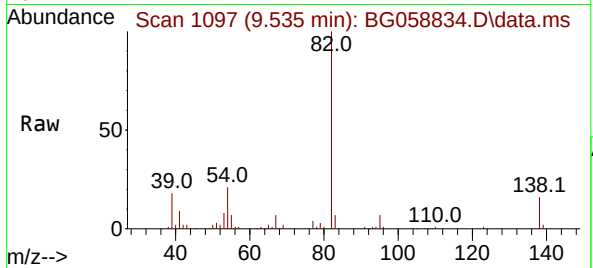




#25
Isophorone
Concen: 42.621 ng
RT: 9.535 min Scan# 1097
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

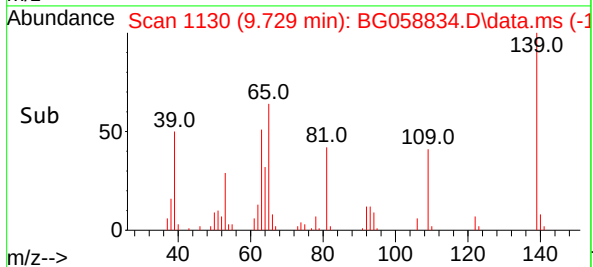
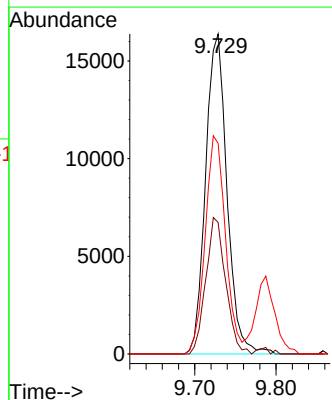
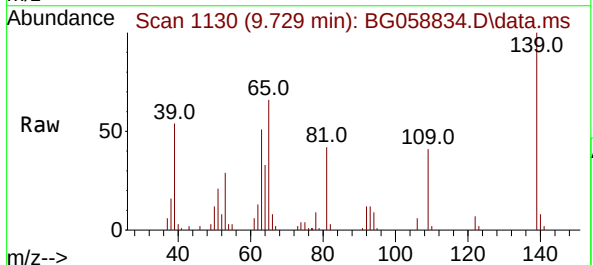
Instrument :
BNA_G
ClientSampleId :
PB154945BS

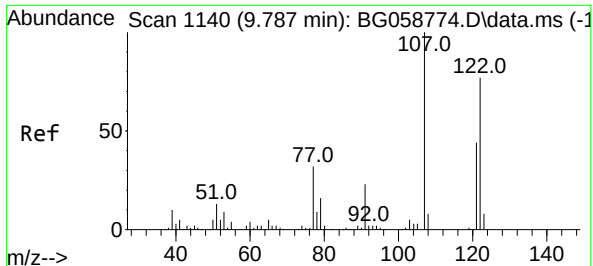
Tgt Ion: 82 Resp: 130586
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 15.9 12.2 18.4



#26
2-Nitrophenol
Concen: 46.675 ng
RT: 9.729 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:139 Resp: 29913
Ion Ratio Lower Upper
139 100
109 41.1 28.7 43.1
65 65.8 50.6 76.0

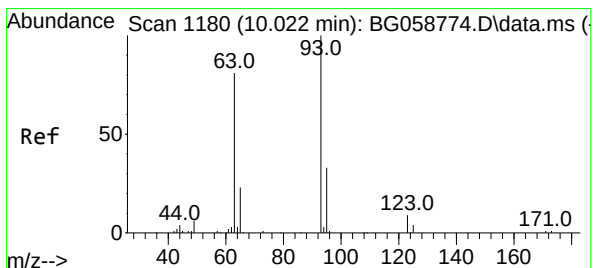
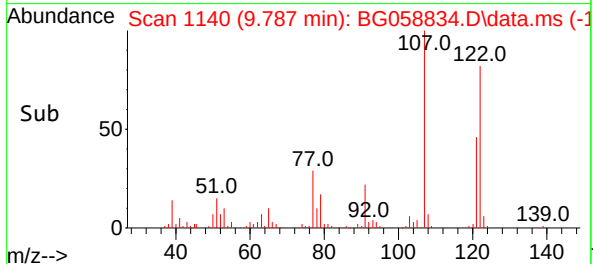
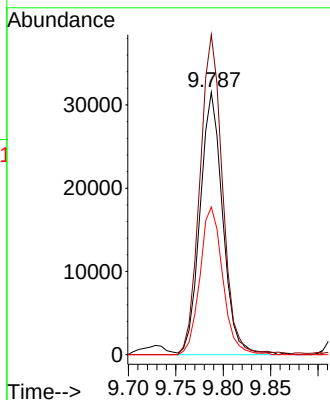
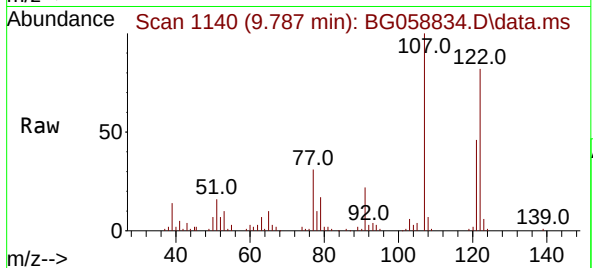




#27
2,4-Dimethylphenol
Concen: 48.188 ng
RT: 9.787 min Scan# 1140
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

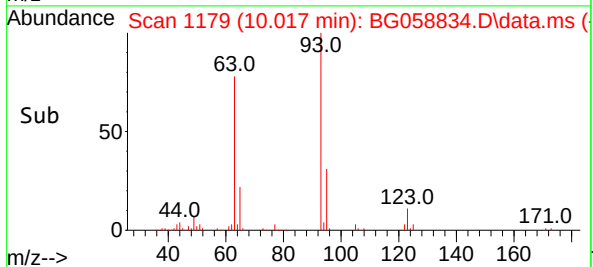
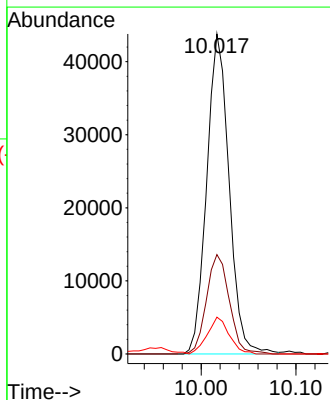
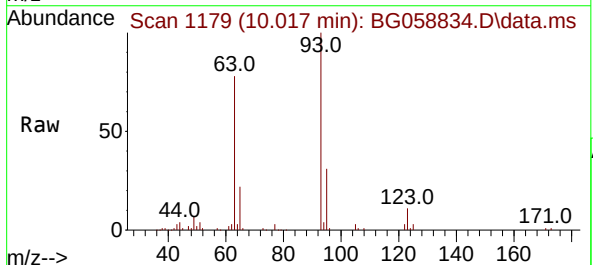
Instrument :
BNA_G
ClientSampleId :
PB154945BS

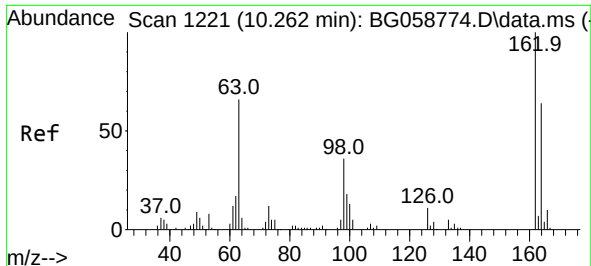
Tgt Ion:	122	Resp:	52339
Ion	Ratio	Lower	Upper
122	100		
107	122.0	102.6	154.0
121	56.3	45.0	67.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.143 ng
RT: 10.017 min Scan# 1179
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:	93	Resp:	71642
Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.2	39.4
123	11.5	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 50.599 ng

RT: 10.263 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

PB154945BS

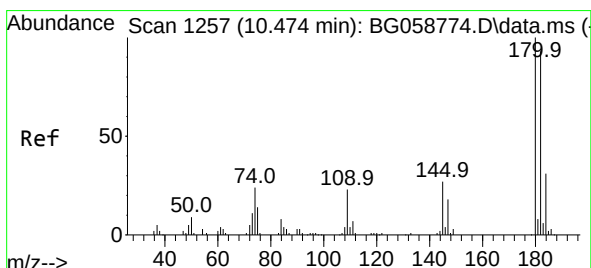
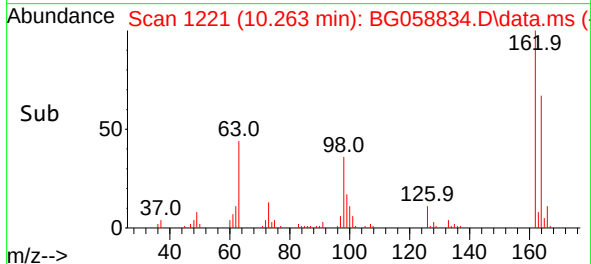
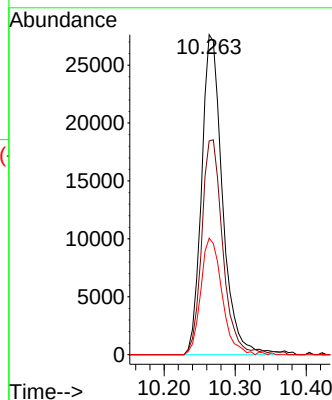
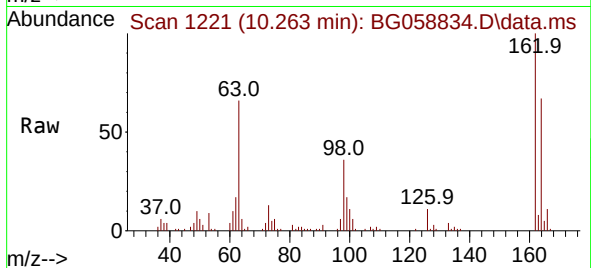
Tgt Ion:162 Resp: 56474

Ion Ratio Lower Upper

162 100

164 66.8 44.4 84.4

98 36.4 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 45.885 ng

RT: 10.475 min Scan# 1257

Delta R.T. 0.001 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

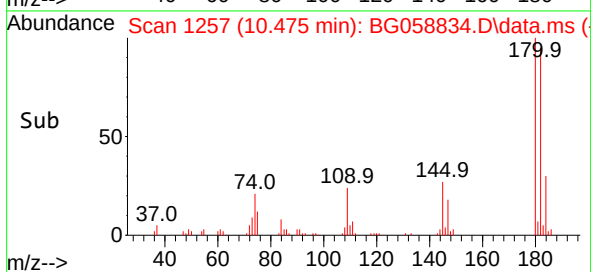
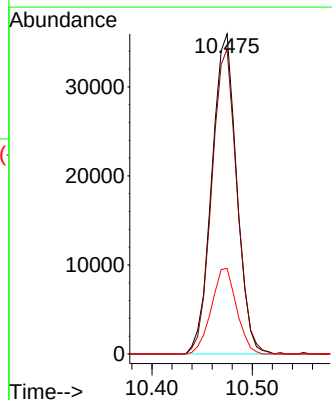
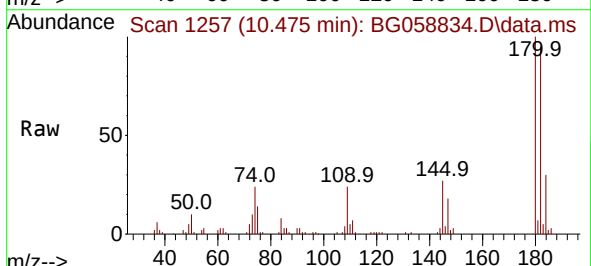
Tgt Ion:180 Resp: 61843

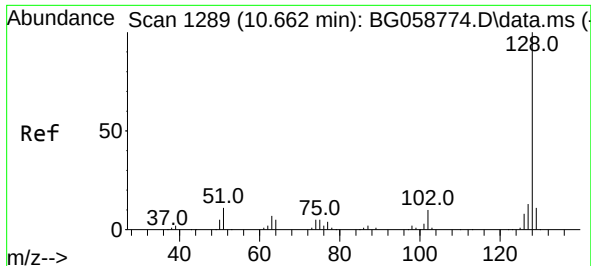
Ion Ratio Lower Upper

180 100

182 95.3 74.6 112.0

145 26.8 21.4 32.0

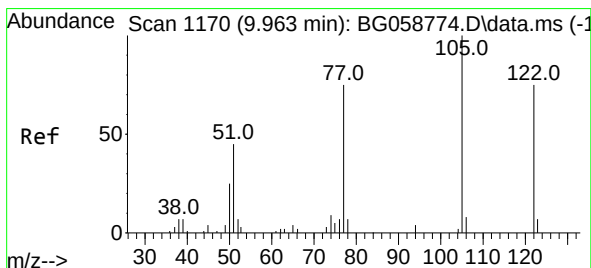
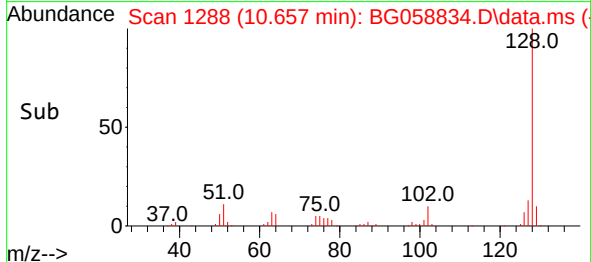
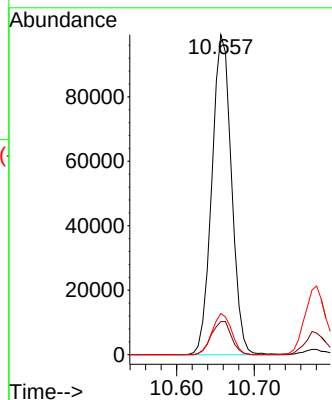
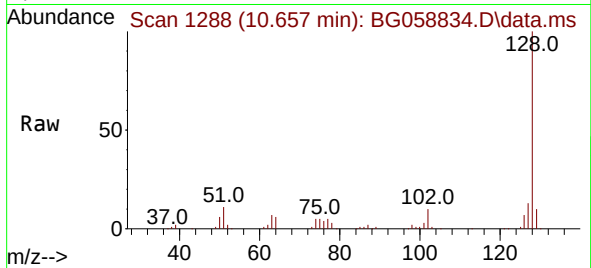




#31
Naphthalene
Concen: 44.974 ng
RT: 10.657 min Scan# 1169
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

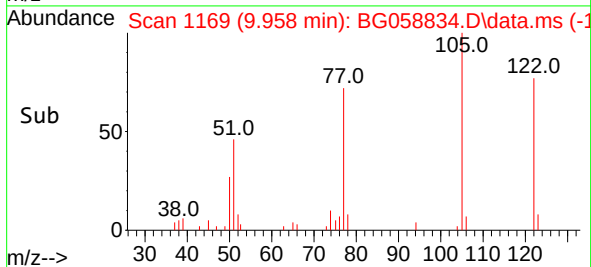
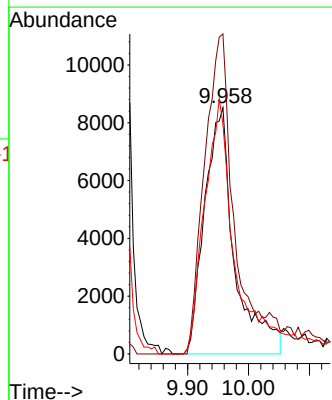
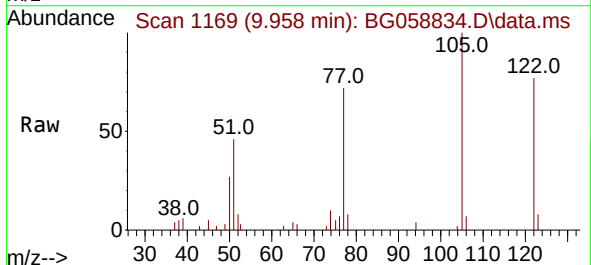
Instrument :
BNA_G
ClientSampleId :
PB154945BS

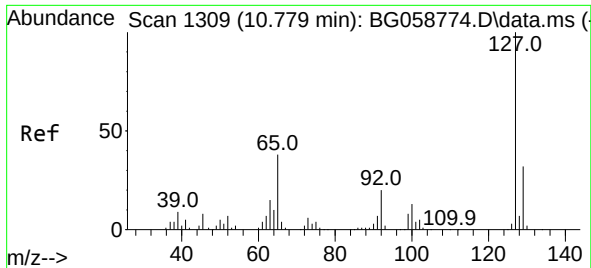
Tgt Ion:128 Resp: 174918
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 44.348 ng
RT: 9.958 min Scan# 1169
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:122 Resp: 29191
Ion Ratio Lower Upper
122 100
105 129.9 113.6 153.6
77 93.3 79.7 119.7

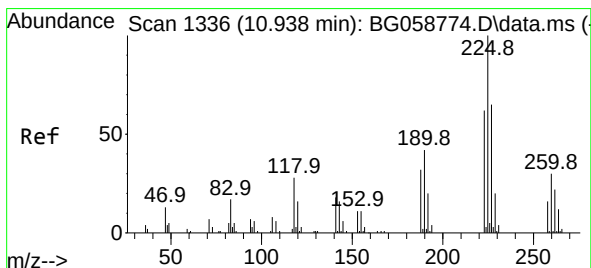
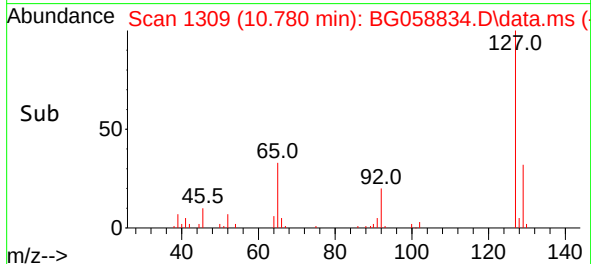
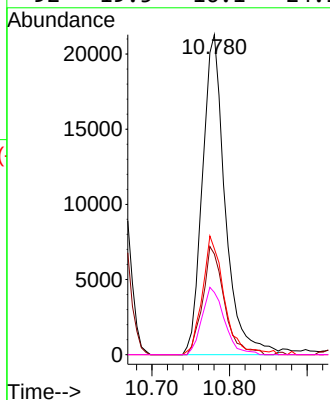
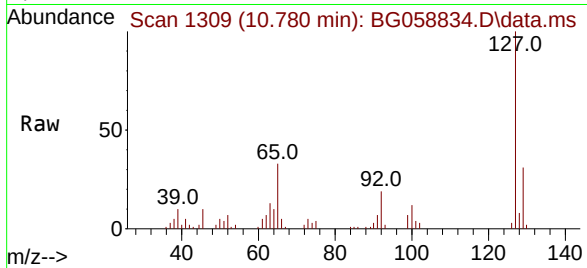




#33
4-Chloroaniline
Concen: 26.431 ng
RT: 10.780 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

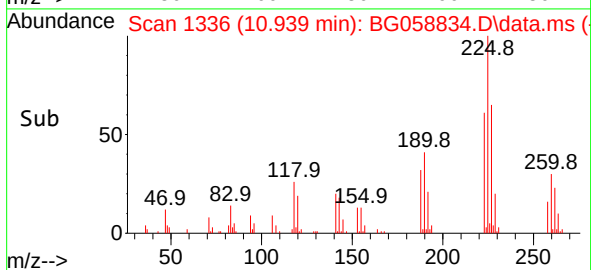
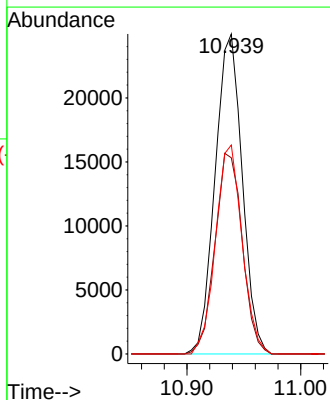
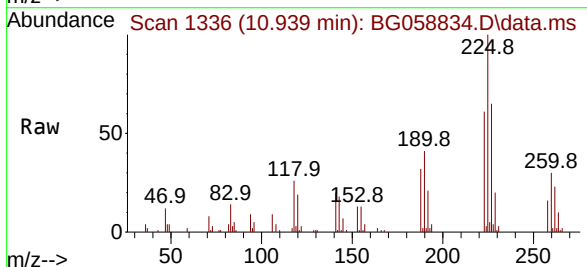
Instrument :
BNA_G
ClientSampleId :
PB154945BS

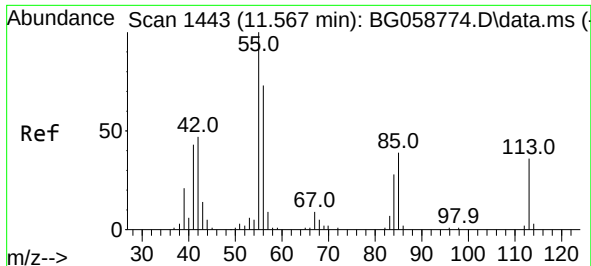
Tgt Ion:	127	Resp:	43354
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.2	37.8
65	33.1	30.5	45.7
92	19.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.511 ng
RT: 10.939 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:	225	Resp:	41398
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.9	74.9
227	65.3	51.6	77.4

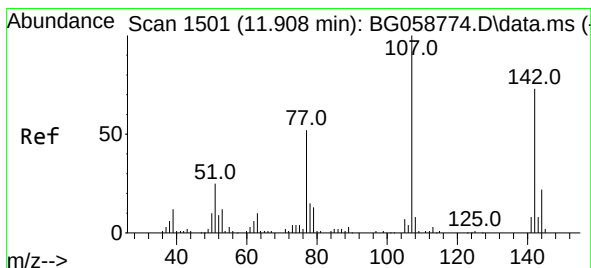
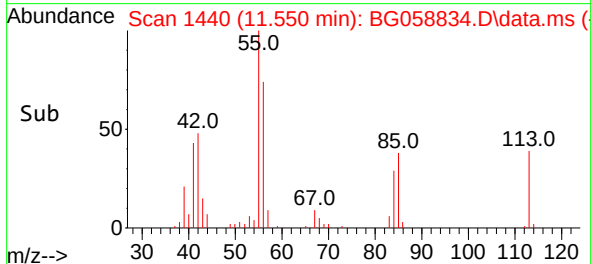
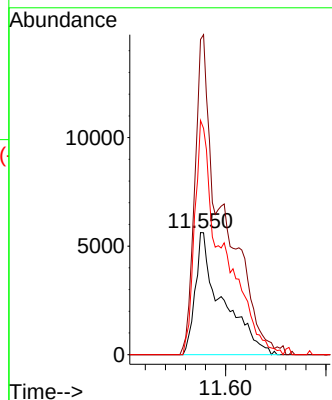
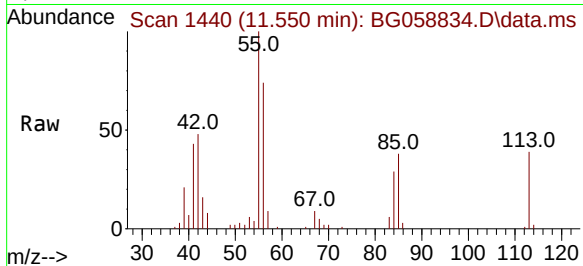




#35
 Caprolactam
 Concen: 52.548 ng
 RT: 11.550 min Scan# 14
 Delta R.T. -0.017 min
 Lab File: BG058834.D
 Acq: 24 Aug 2023 11:47

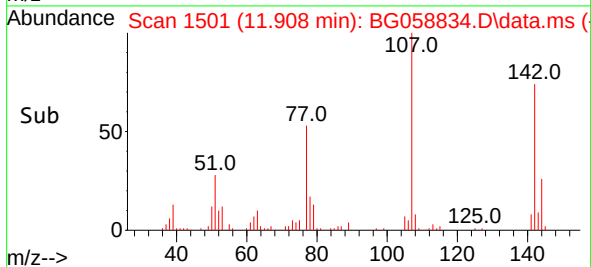
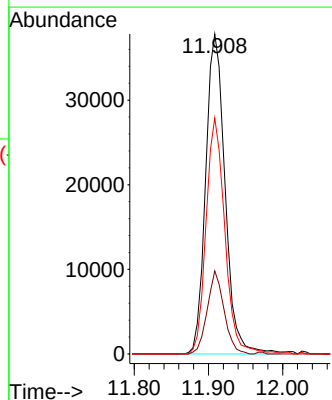
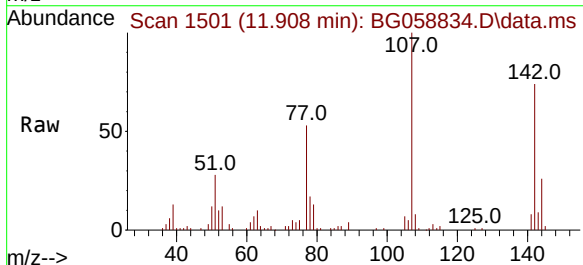
Instrument :
 BNA_G
 ClientSampleId :
 PB154945BS

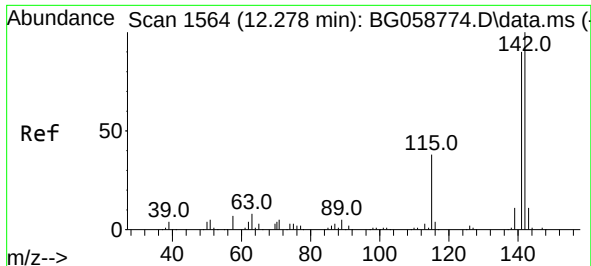
Tgt Ion:113 Resp: 21016
 Ion Ratio Lower Upper
 113 100
 55 258.1 256.3 296.3
 56 191.8 180.4 220.4



#36
 4-Chloro-3-methylphenol
 Concen: 49.579 ng
 RT: 11.908 min Scan# 1501
 Delta R.T. 0.001 min
 Lab File: BG058834.D
 Acq: 24 Aug 2023 11:47

Tgt Ion:107 Resp: 68815
 Ion Ratio Lower Upper
 107 100
 144 26.0 17.9 26.9
 142 73.7 58.5 87.7

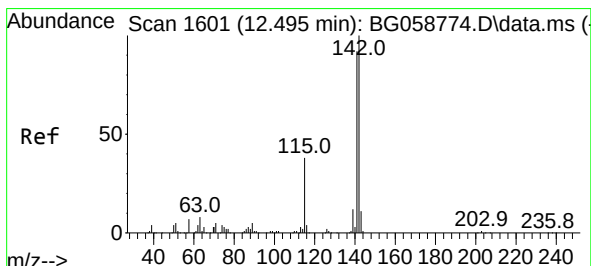
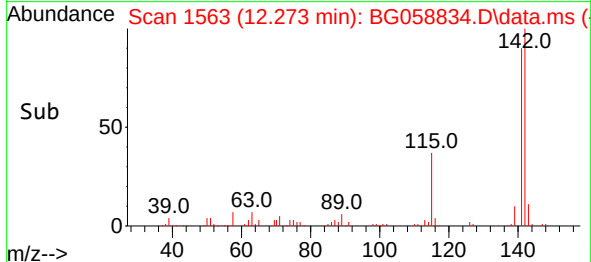
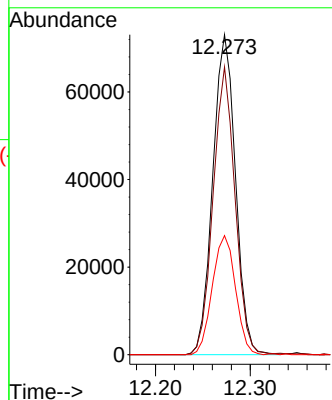
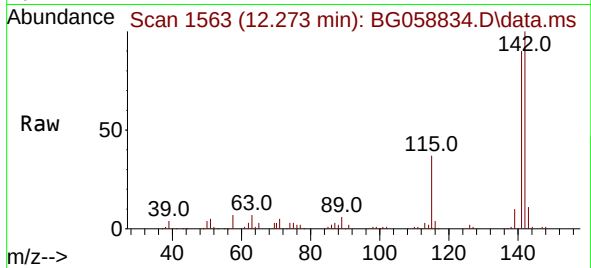




#37
2-Methylnaphthalene
Concen: 43.521 ng
RT: 12.273 min Scan# 1563
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

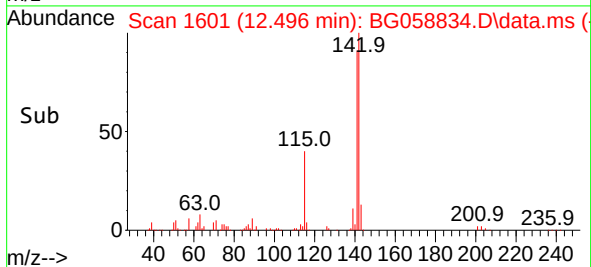
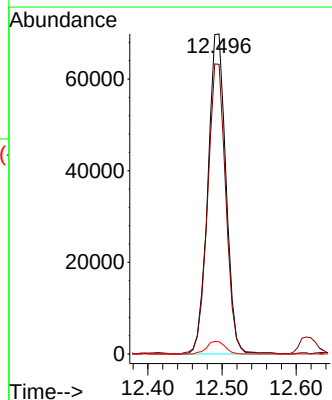
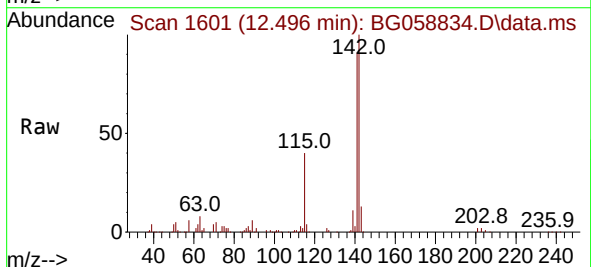
Instrument :
BNA_G
ClientSampleId :
PB154945BS

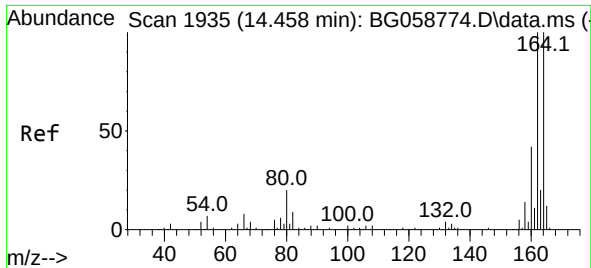
Tgt Ion:142 Resp: 121572
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.8
115 37.2 30.6 45.8



#38
1-Methylnaphthalene
Concen: 44.477 ng
RT: 12.496 min Scan# 1601
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:142 Resp: 117937
Ion Ratio Lower Upper
142 100
141 90.5 73.9 110.9
116 3.8 3.2 4.8

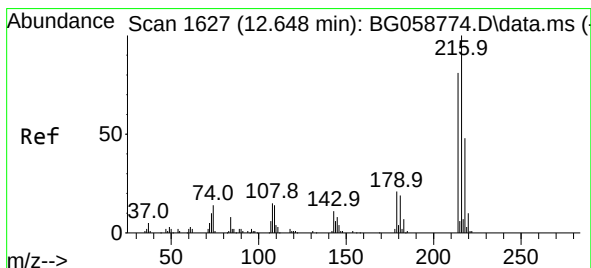
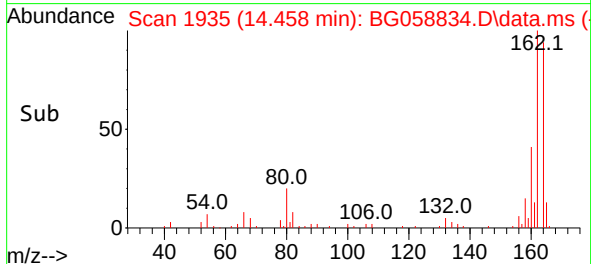
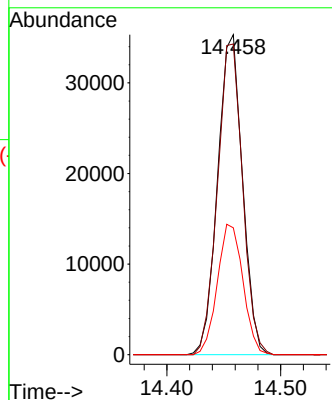
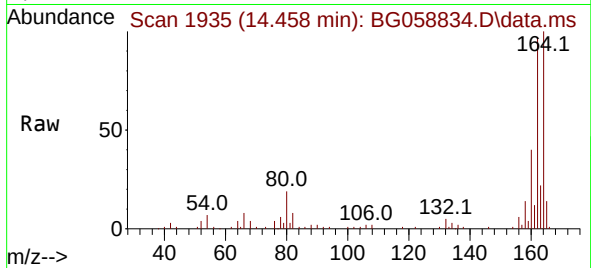




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

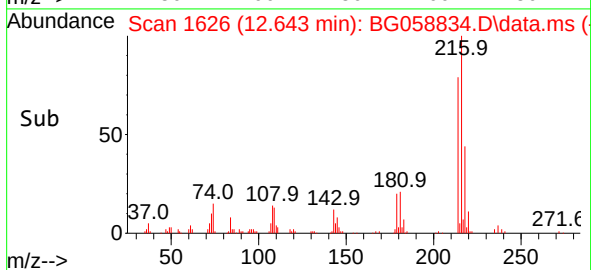
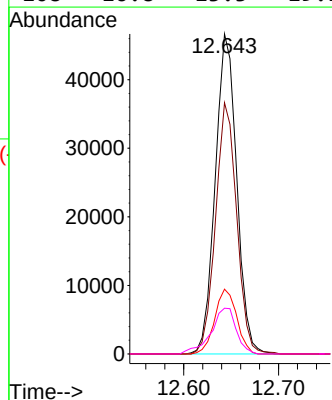
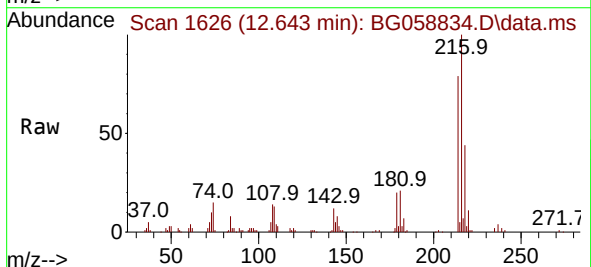
Instrument :
BNA_G
ClientSampleId :
PB154945BS

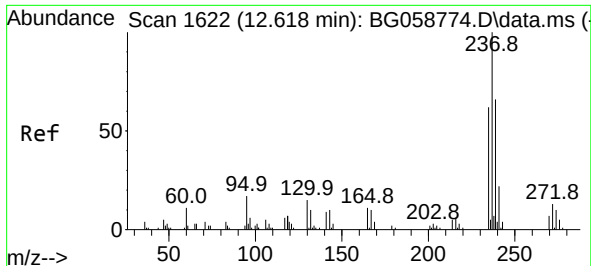
Tgt Ion:164 Resp: 53573
Ion Ratio Lower Upper
164 100
162 97.1 79.6 119.4
160 39.7 34.0 51.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.482 ng
RT: 12.643 min Scan# 1626
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

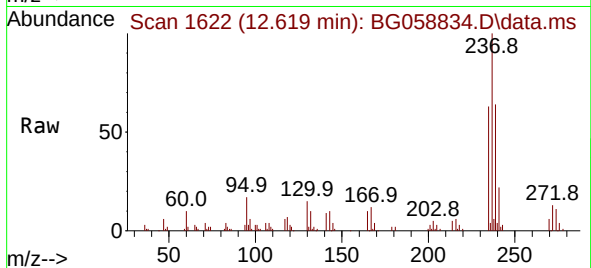
Tgt Ion:216 Resp: 73466
Ion Ratio Lower Upper
216 100
214 77.4 64.0 96.0
179 20.7 16.2 24.4
108 16.8 13.3 19.9



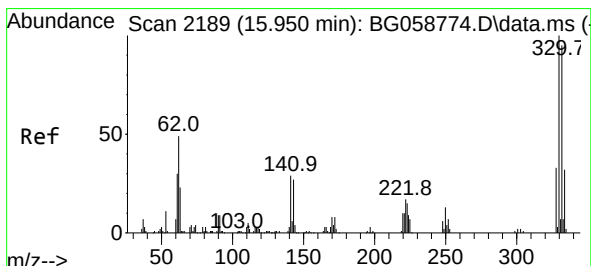
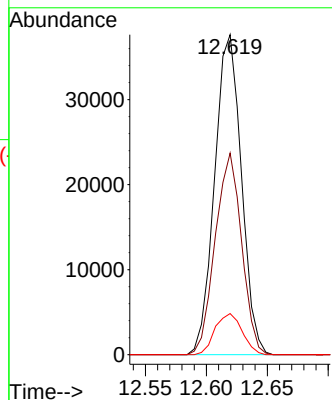
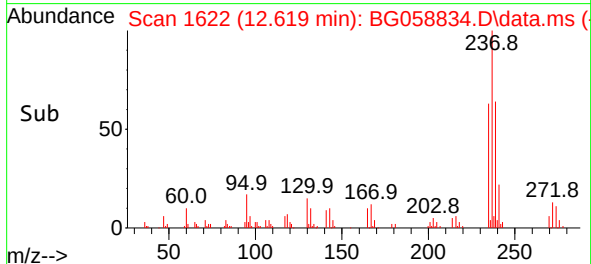


#41
Hexachlorocyclopentadiene
Concen: 87.563 ng
RT: 12.619 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

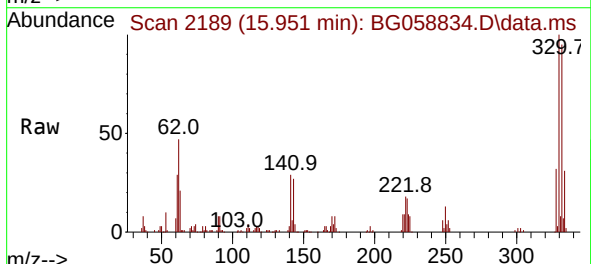
Instrument :
BNA_G
ClientSampleId :
PB154945BS



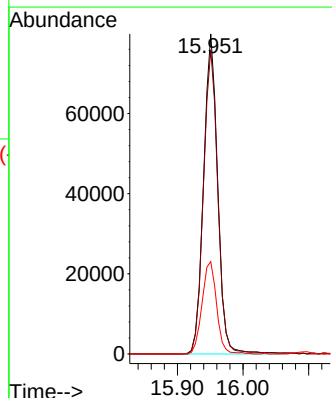
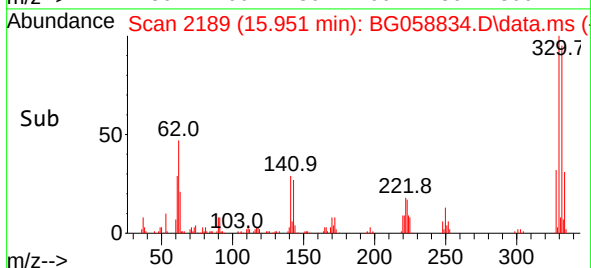
Tgt Ion:237 Resp: 57499
Ion Ratio Lower Upper
237 100
235 63.0 41.5 81.5
272 12.9 0.0 32.5

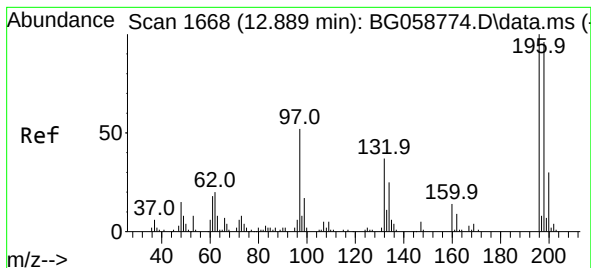


#42
2,4,6-Tribromophenol
Concen: 142.393 ng
RT: 15.951 min Scan# 2189
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



Tgt Ion:330 Resp: 119612
Ion Ratio Lower Upper
330 100
332 96.7 78.5 117.7
141 29.7 23.0 34.6





#43

2,4,6-Trichlorophenol

Concen: 48.957 ng

RT: 12.890 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

PB154945BS

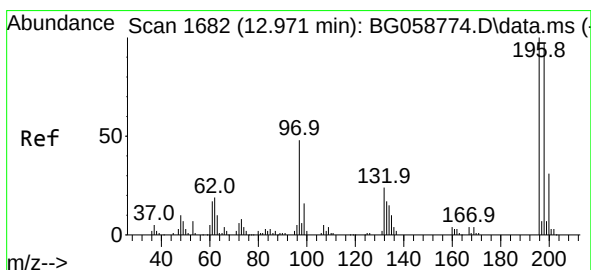
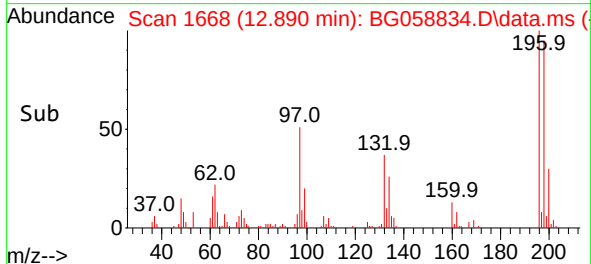
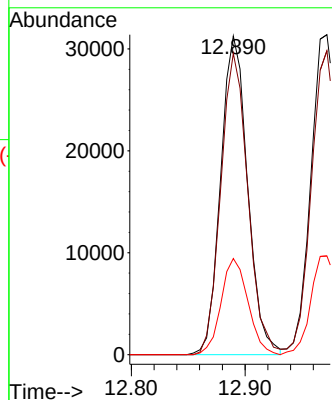
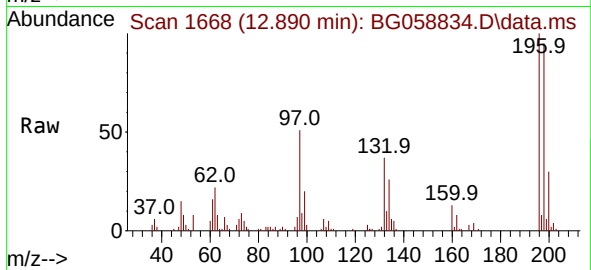
Tgt Ion:196 Resp: 51449

Ion Ratio Lower Upper

196 100

198 94.5 77.0 115.4

200 30.2 23.8 35.6



#44

2,4,5-Trichlorophenol

Concen: 44.334 ng

RT: 12.972 min Scan# 1682

Delta R.T. 0.001 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Tgt Ion:196 Resp: 55792

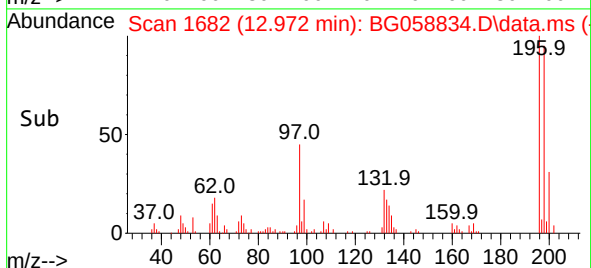
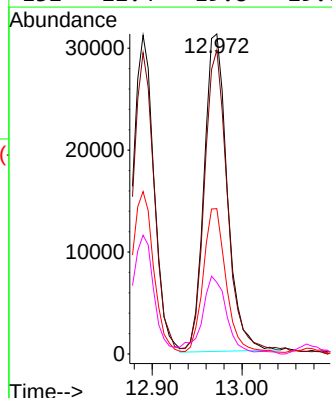
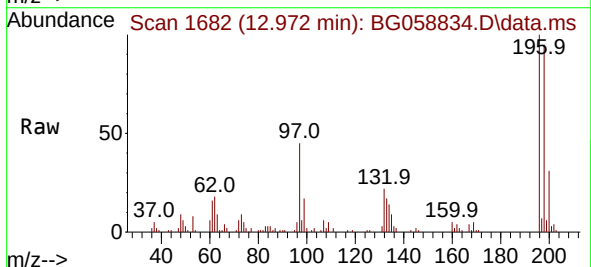
Ion Ratio Lower Upper

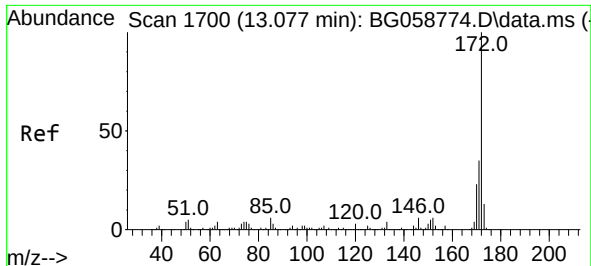
196 100

198 95.0 78.0 117.0

97 45.4 38.7 58.1

132 22.4 19.8 29.6

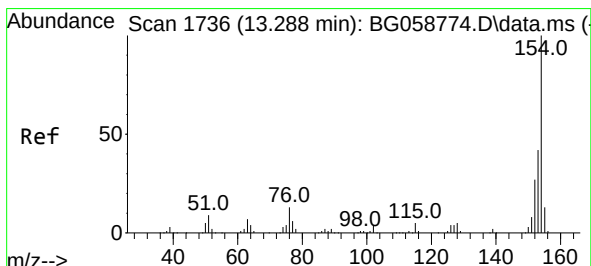
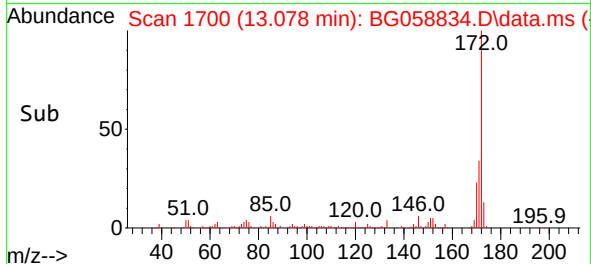
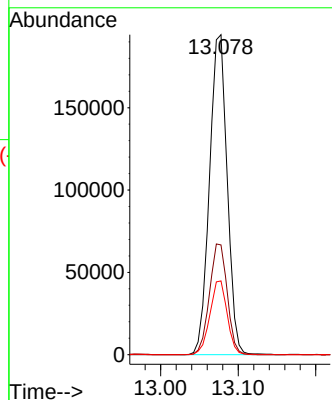
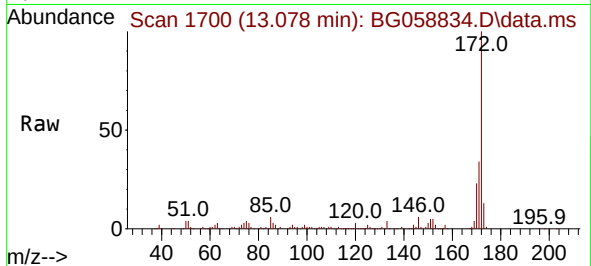




#45
2-Fluorobiphenyl
Concen: 83.596 ng
RT: 13.078 min Scan# 1700
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

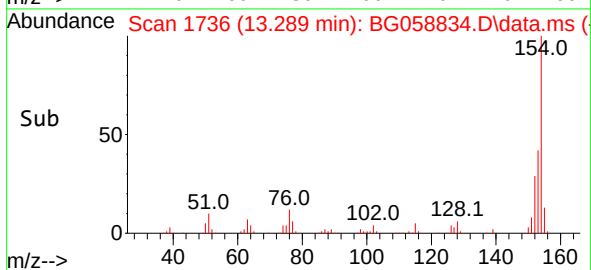
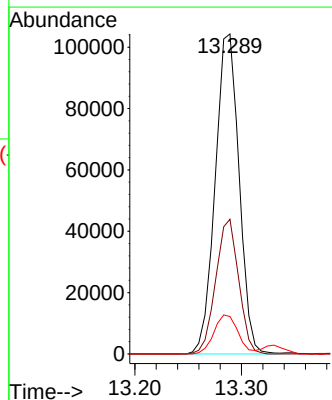
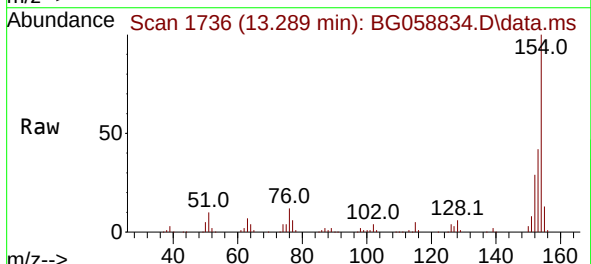
Instrument :
BNA_G
ClientSampleId :
PB154945BS

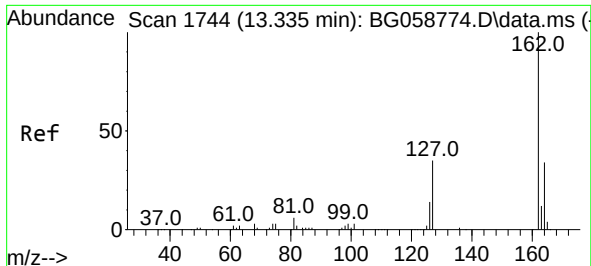
Tgt Ion:172 Resp: 307915
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 43.944 ng
RT: 13.289 min Scan# 1736
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:154 Resp: 162178
Ion Ratio Lower Upper
154 100
153 42.1 21.7 61.7
76 11.7 0.0 33.2

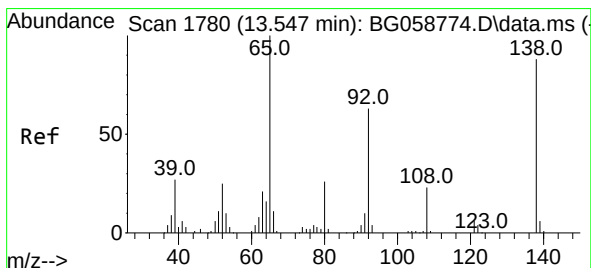
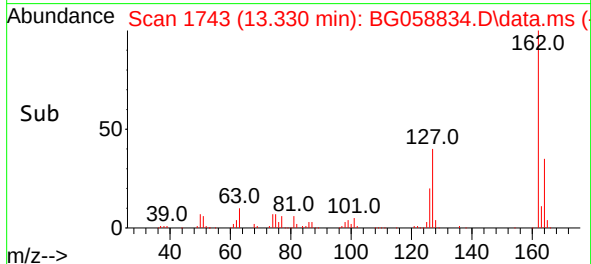
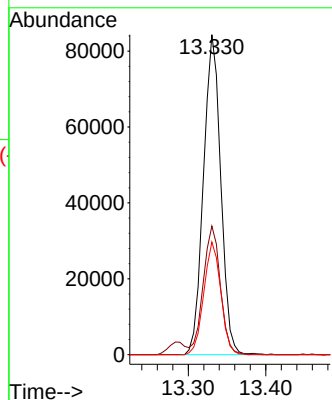
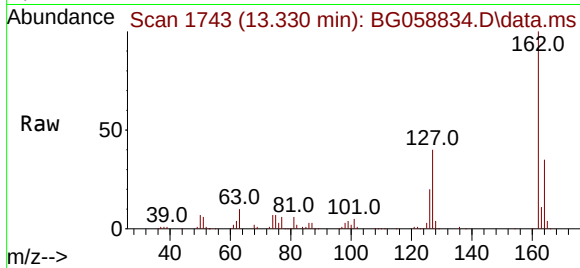




#47
2-Chloronaphthalene
Concen: 45.423 ng
RT: 13.330 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

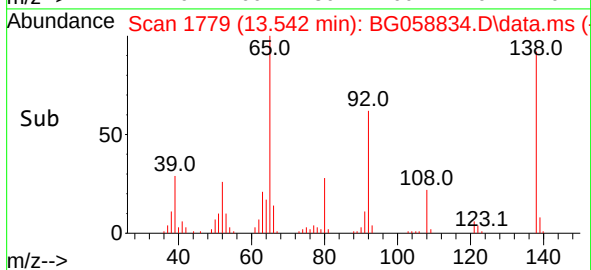
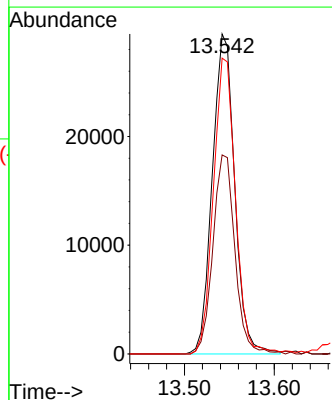
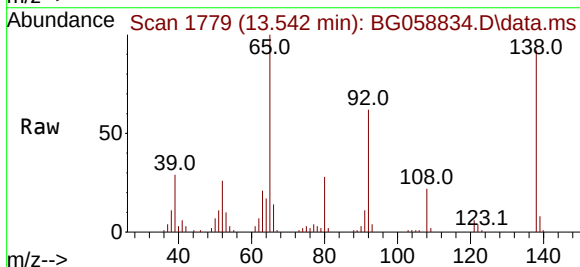
Instrument :
BNA_G
ClientSampleId :
PB154945BS

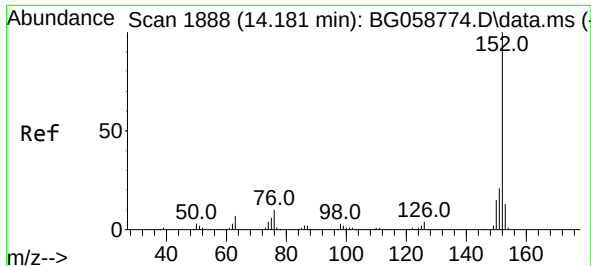
Tgt Ion:162 Resp: 130639
Ion Ratio Lower Upper
162 100
127 40.2 31.5 47.3
164 35.2 27.3 40.9



#48
2-Nitroaniline
Concen: 46.527 ng
RT: 13.542 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion: 65 Resp: 50821
Ion Ratio Lower Upper
65 100
92 62.2 50.7 76.1
138 92.5 70.7 106.1

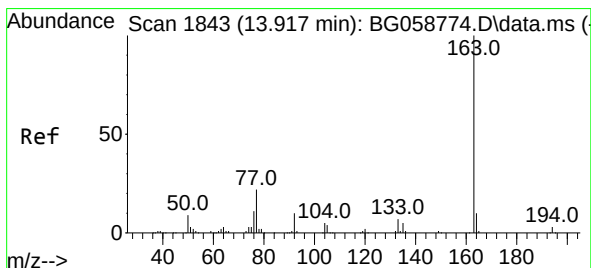
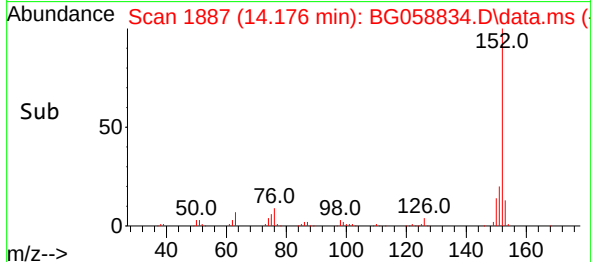
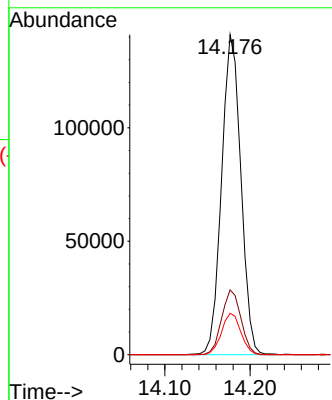
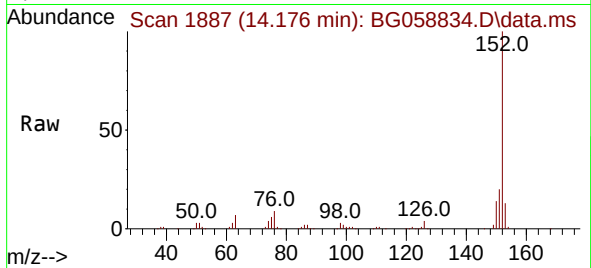




#49
Acenaphthylene
Concen: 46.502 ng
RT: 14.176 min Scan# 1887
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

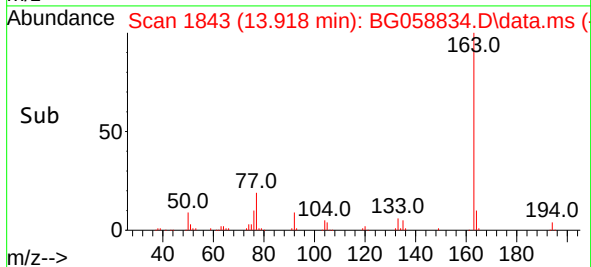
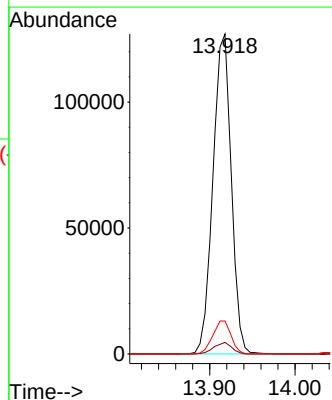
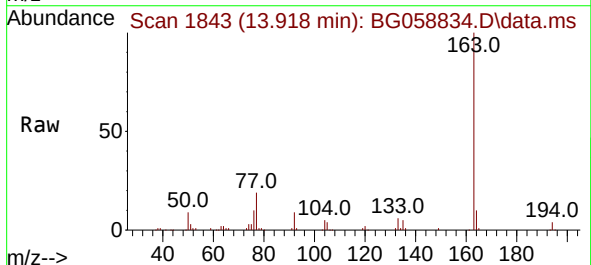
Instrument :
BNA_G
ClientSampleId :
PB154945BS

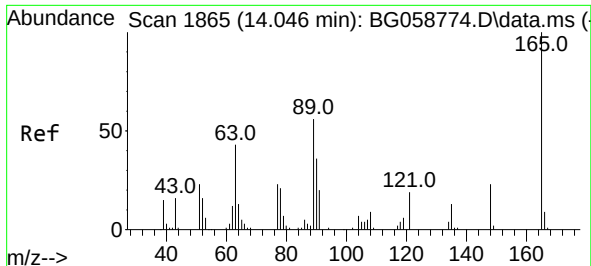
Tgt Ion:152 Resp: 221790
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.0 10.7 16.1



#50
Dimethylphthalate
Concen: 45.665 ng
RT: 13.918 min Scan# 1843
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:163 Resp: 189421
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.3 12.5

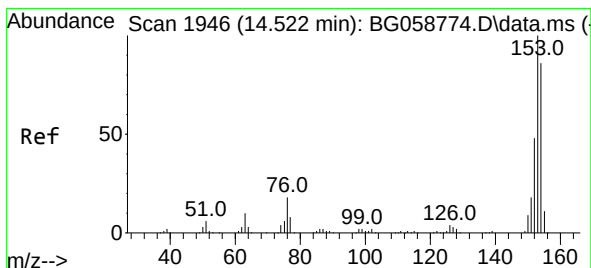
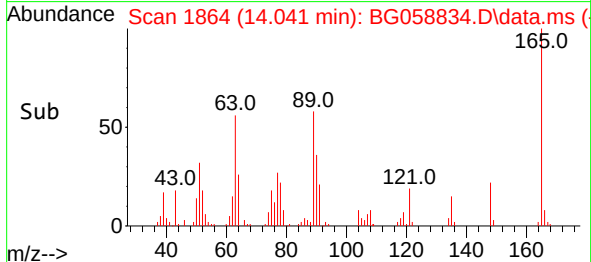
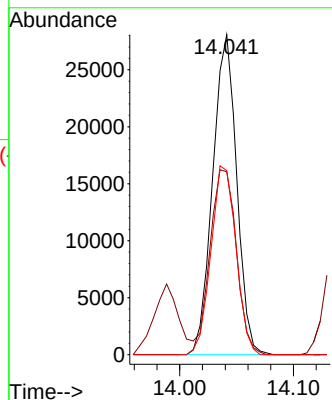
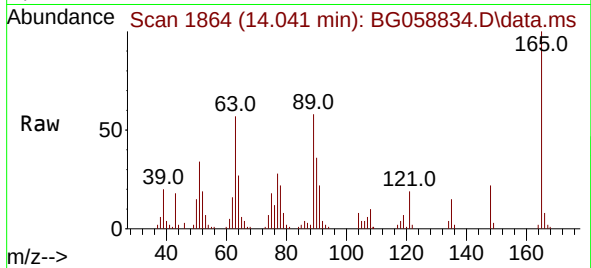




#51
2,6-Dinitrotoluene
Concen: 47.193 ng
RT: 14.041 min Scan# 1865
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

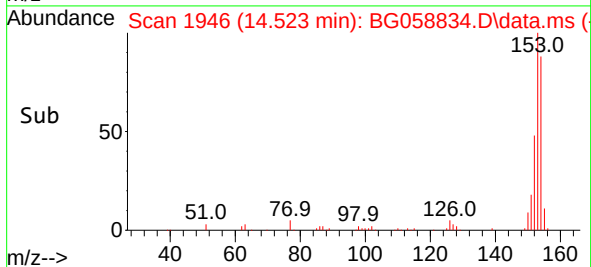
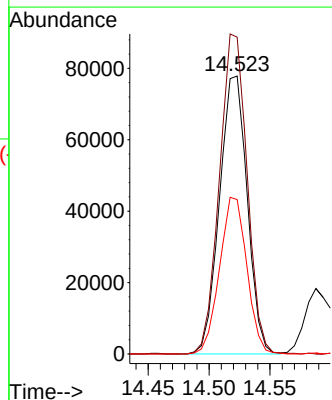
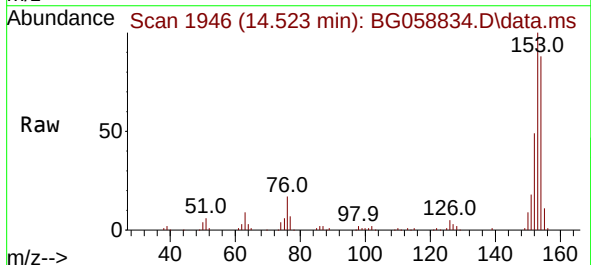
Instrument :
BNA_G
ClientSampleId :
PB154945BS

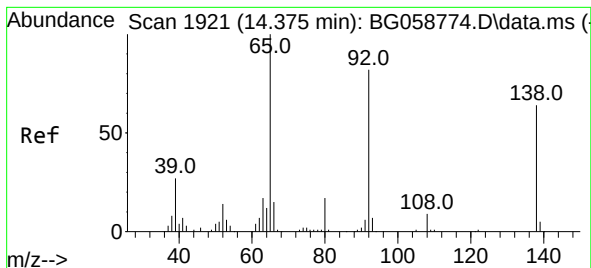
Tgt Ion:165 Resp: 41126
Ion Ratio Lower Upper
165 100
63 57.1 47.2 70.8
89 57.5 45.0 67.4



#52
Acenaphthene
Concen: 44.234 ng
RT: 14.523 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:154 Resp: 123286
Ion Ratio Lower Upper
154 100
153 114.0 92.7 139.1
152 55.6 44.2 66.2

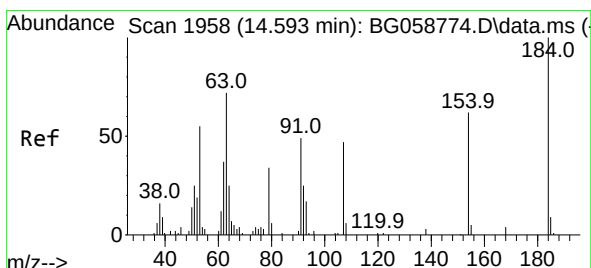
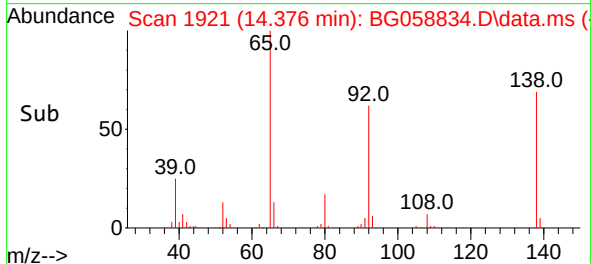
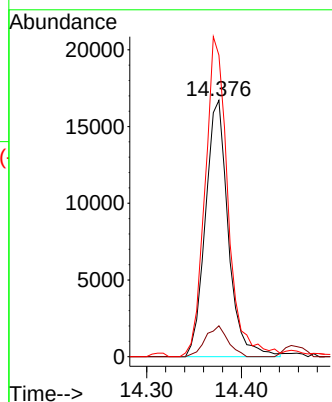
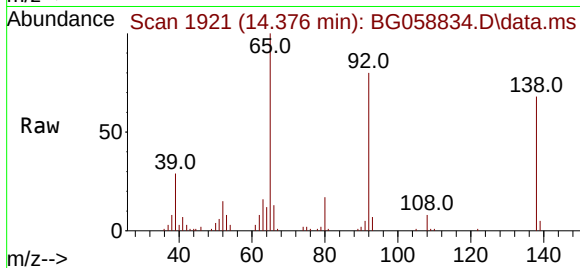




#53
3-Nitroaniline
Concen: 33.242 ng
RT: 14.376 min Scan# 1921
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

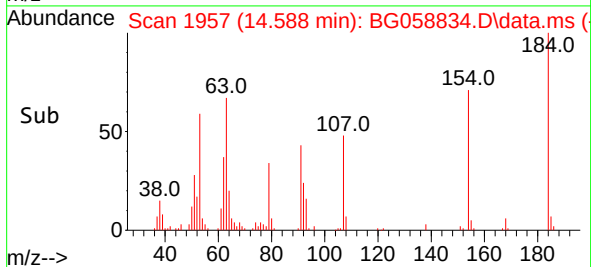
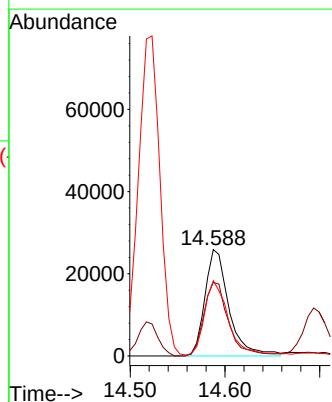
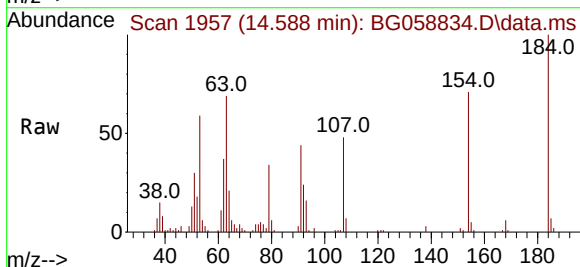
Instrument :
BNA_G
ClientSampleId :
PB154945BS

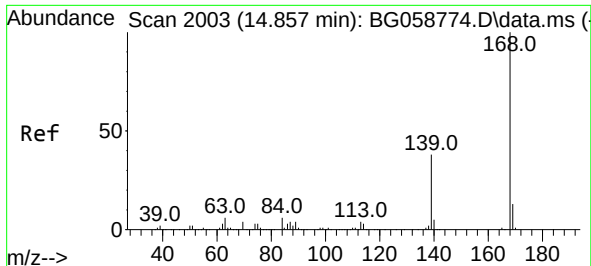
Tgt Ion:	138	Resp:	27940
Ion Ratio	Lower	Upper	
138	100		
108	12.0	11.8	17.8
92	117.6	102.5	153.7



#54
2,4-Dinitrophenol
Concen: 92.241 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:	184	Resp:	45488
Ion Ratio	Lower	Upper	
184	100		
63	69.2	57.7	86.5
154	70.7	51.8	77.6

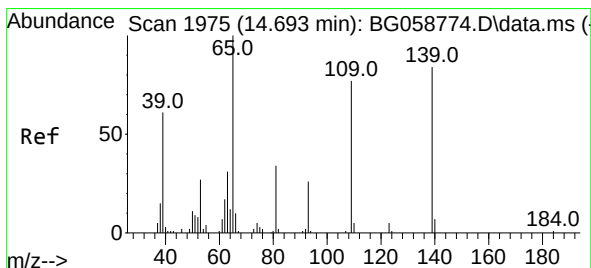
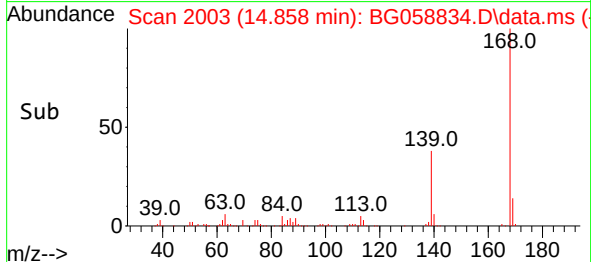
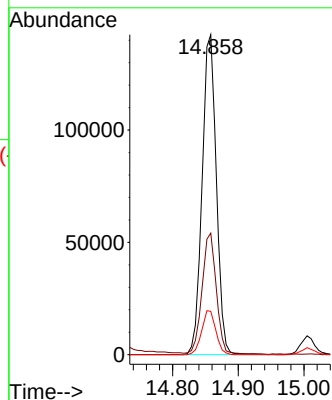
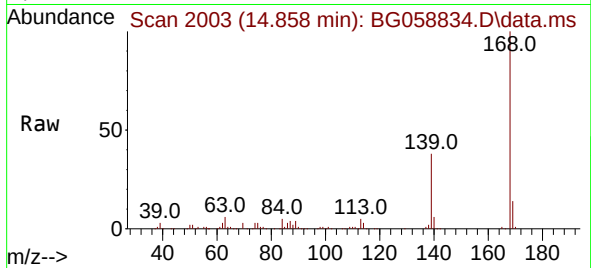




#55
Dibenzofuran
Concen: 44.713 ng
RT: 14.858 min Scan# 2003
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

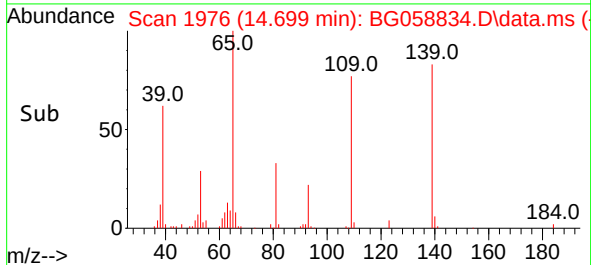
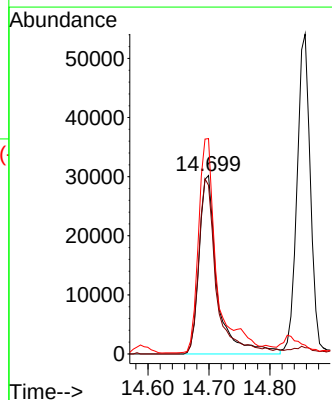
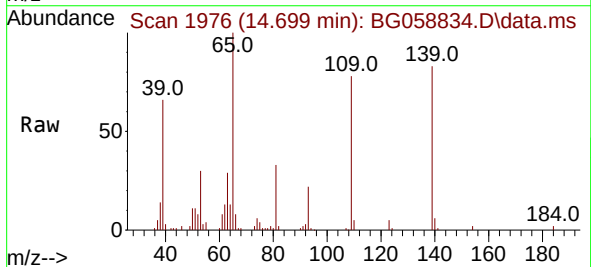
Instrument :
BNA_G
ClientSampleId :
PB154945BS

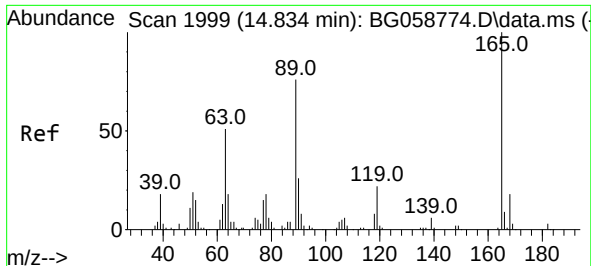
Tgt Ion:168 Resp: 214969
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 101.140 ng
RT: 14.699 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:139 Resp: 62256
Ion Ratio Lower Upper
139 100
109 94.6 71.9 111.9
65 120.8 100.7 140.7

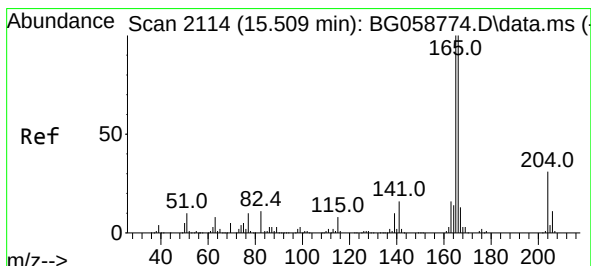
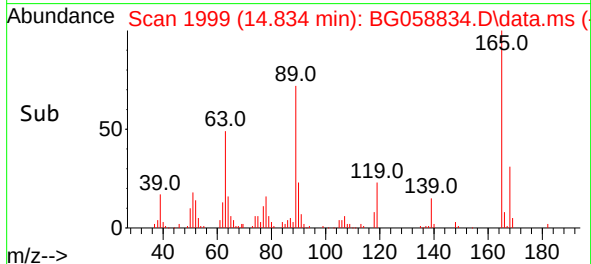
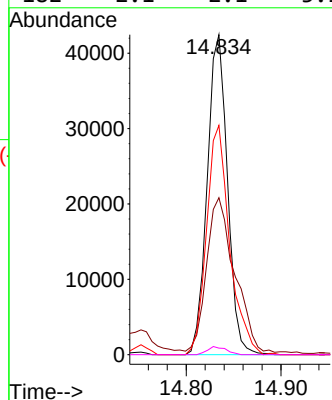
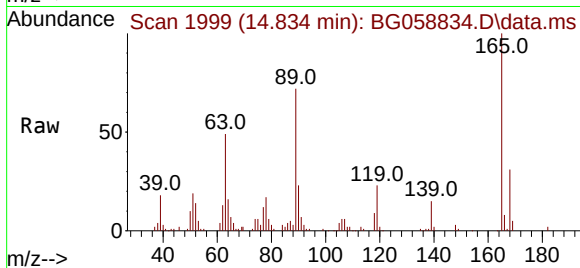




#57
2,4-Dinitrotoluene
Concen: 51.850 ng
RT: 14.834 min Scan# 1999
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

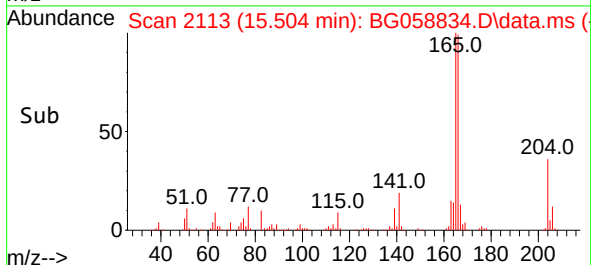
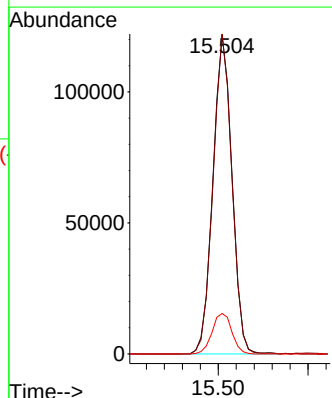
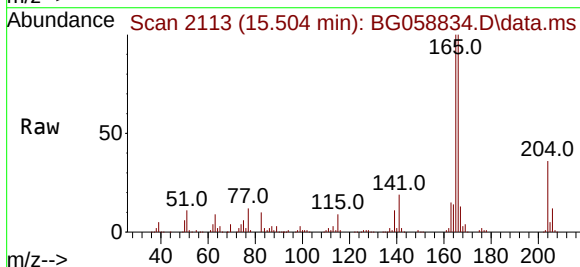
Instrument :
BNA_G
ClientSampleId :
PB154945BS

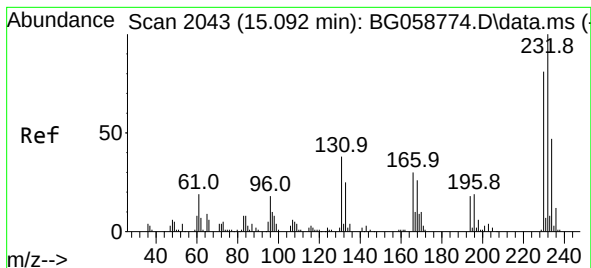
Tgt Ion:	165	Resp:	63023
Ion Ratio	Lower	Upper	
165	100		
63	49.0	41.8	62.6
89	71.7	60.7	91.1
182	2.1	2.1	3.1



#58
Fluorene
Concen: 46.884 ng
RT: 15.504 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:	166	Resp:	179387
Ion Ratio	Lower	Upper	
166	100		
165	100.3	79.9	119.9
167	12.7	10.7	16.1

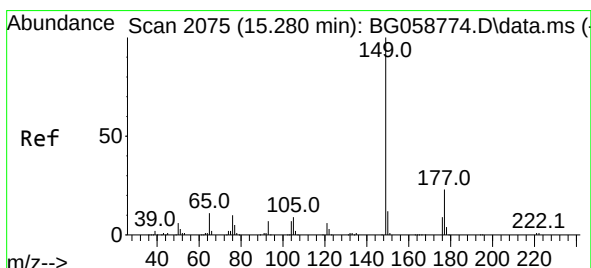
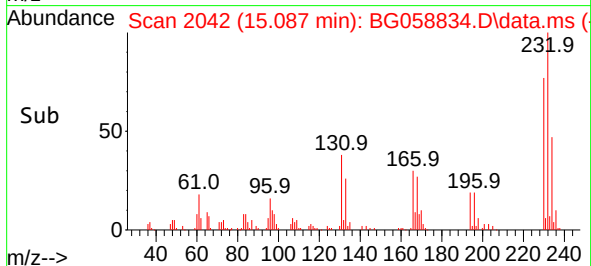
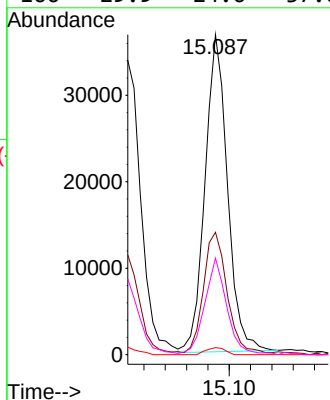
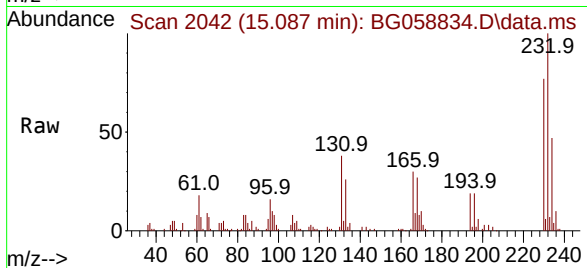




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.255 ng
RT: 15.087 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

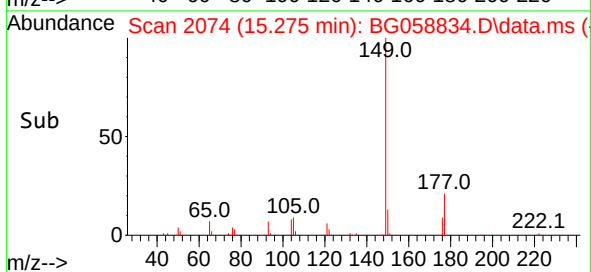
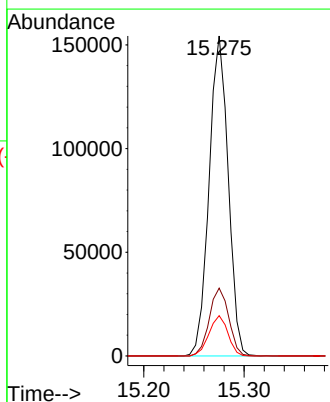
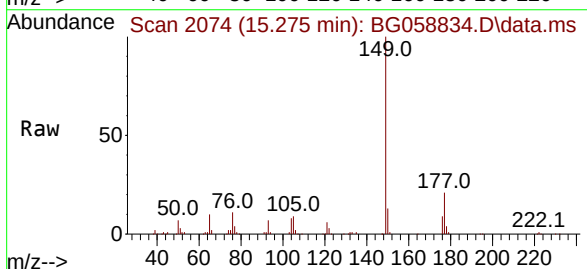
Instrument :
BNA_G
ClientSampleId :
PB154945BS

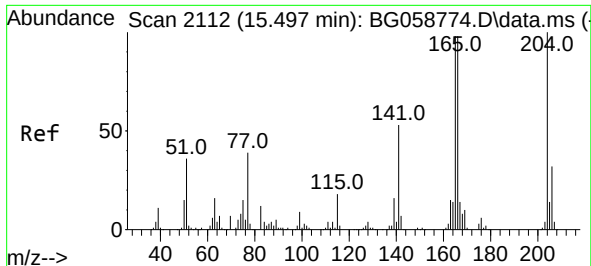
Tgt Ion:232 Resp: 53662
Ion Ratio Lower Upper
232 100
131 39.9 33.9 50.9
130 1.9 1.8 2.6
166 29.9 24.6 37.0



#60
Diethylphthalate
Concen: 47.729 ng
RT: 15.275 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:149 Resp: 204127
Ion Ratio Lower Upper
149 100
177 21.2 18.2 27.2
150 12.6 10.0 15.0

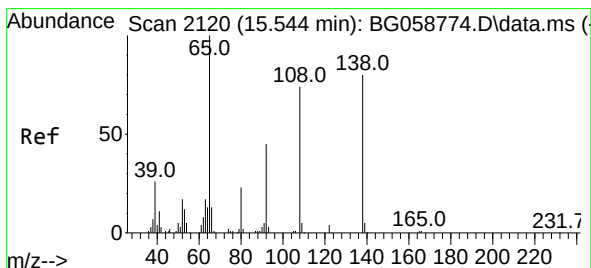
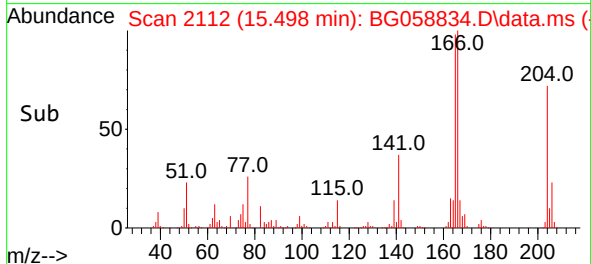
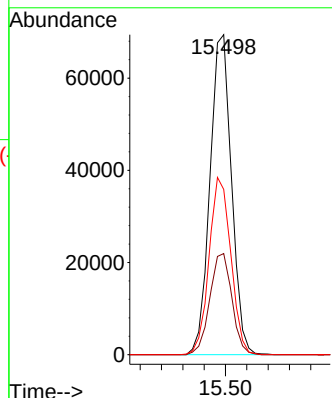
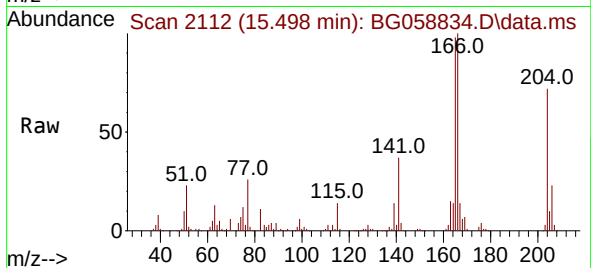




#61
4-Chlorophenyl-phenylether
Concen: 45.791 ng
RT: 15.498 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

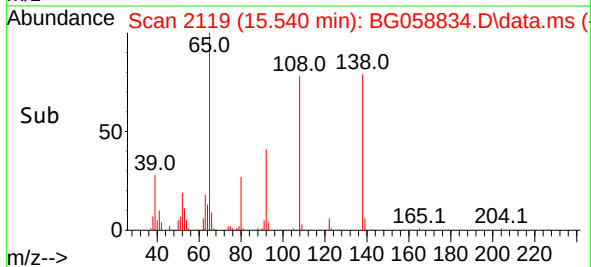
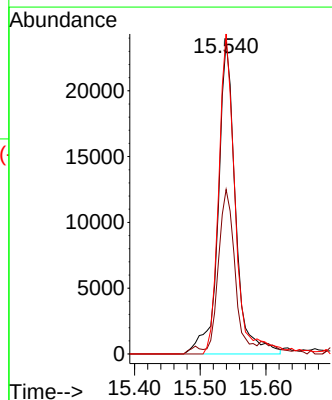
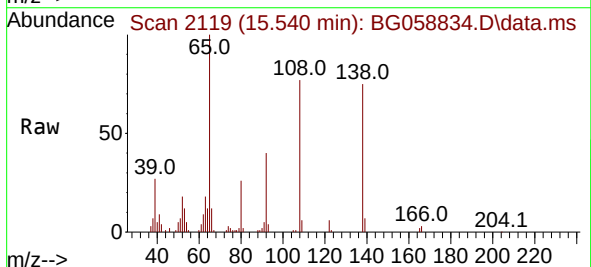
Instrument :
BNA_G
ClientSampleId :
PB154945BS

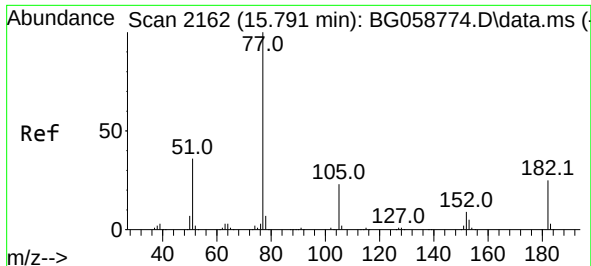
Tgt Ion:204 Resp: 97111
Ion Ratio Lower Upper
204 100
206 31.6 25.6 38.4
141 51.6 42.3 63.5



#62
4-Nitroaniline
Concen: 50.707 ng
RT: 15.540 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:138 Resp: 43251
Ion Ratio Lower Upper
138 100
92 52.7 36.4 76.4
108 102.5 72.2 112.2

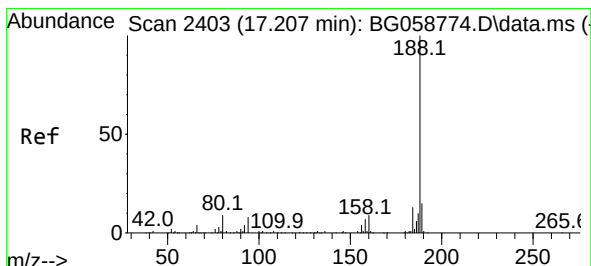
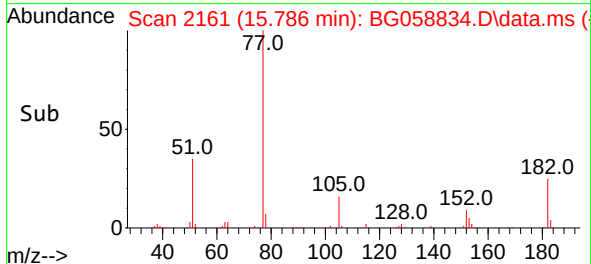
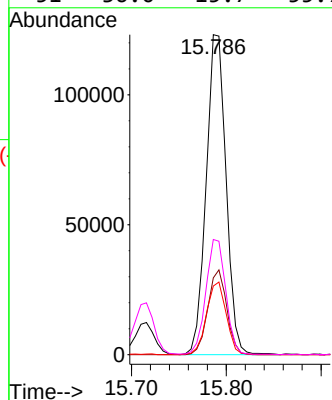
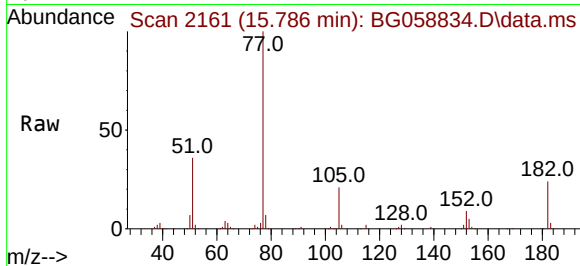




#63
 Azobenzene
 Concen: 45.669 ng
 RT: 15.786 min Scan# 2161
 Delta R.T. -0.005 min
 Lab File: BG058834.D
 Acq: 24 Aug 2023 11:47

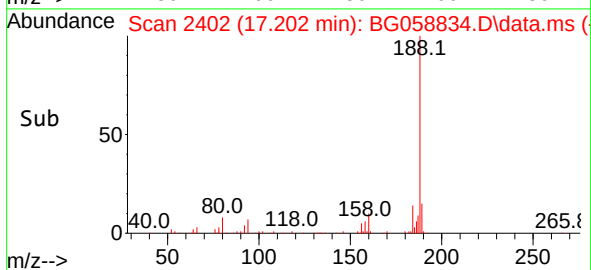
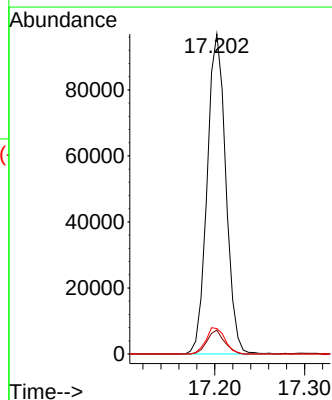
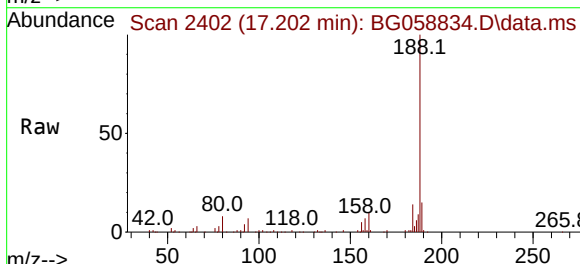
Instrument :
 BNA_G
 ClientSampleId :
 PB154945BS

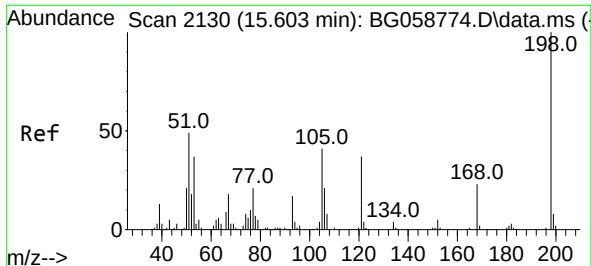
Tgt Ion:	77	Resp:	179345
Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.9	44.9
105	21.4	2.8	42.8
51	36.0	15.7	55.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.202 min Scan# 2402
 Delta R.T. -0.005 min
 Lab File: BG058834.D
 Acq: 24 Aug 2023 11:47

Tgt Ion:	188	Resp:	139762
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.1	9.1
80	7.9	6.9	10.3

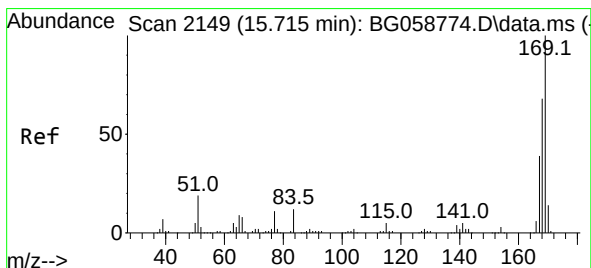
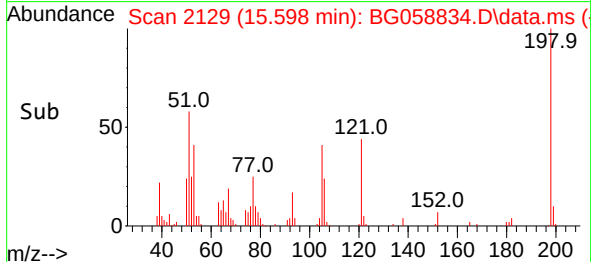
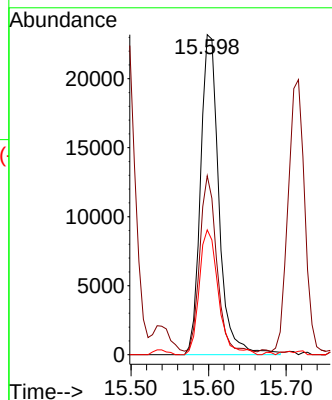
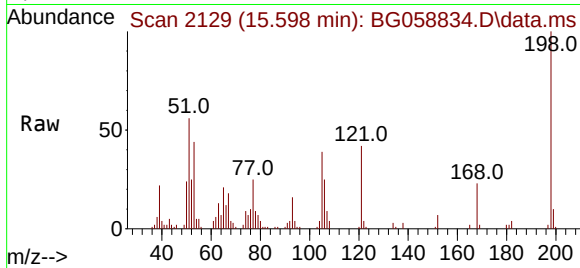




#65
4,6-Dinitro-2-methylphenol
Concen: 48.399 ng
RT: 15.598 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

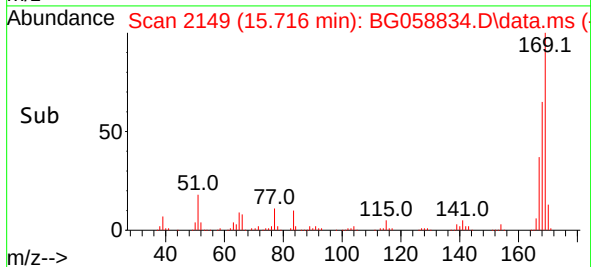
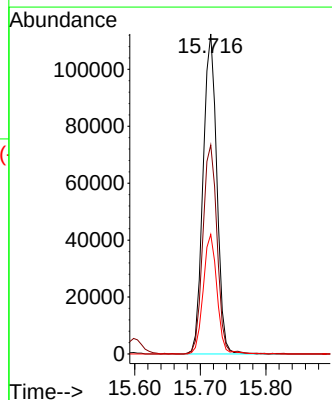
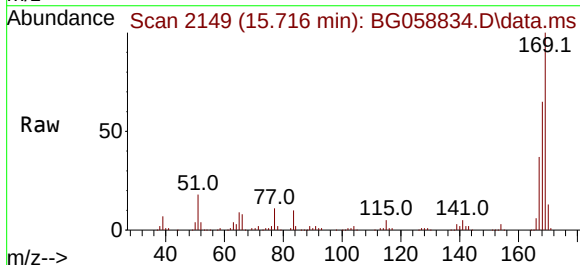
Instrument :
BNA_G
ClientSampleId :
PB154945BS

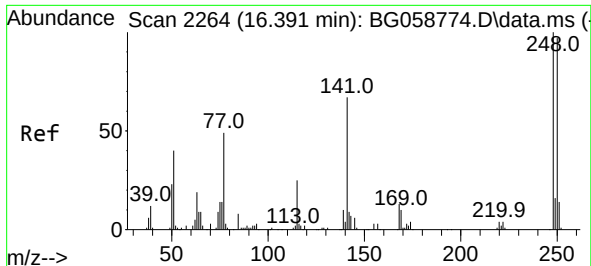
Tgt Ion:198 Resp: 38235
Ion Ratio Lower Upper
198 100
51 55.9 31.3 71.3
105 39.0 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 45.561 ng
RT: 15.716 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:169 Resp: 164118
Ion Ratio Lower Upper
169 100
168 65.3 54.4 81.6
167 37.4 31.4 47.0

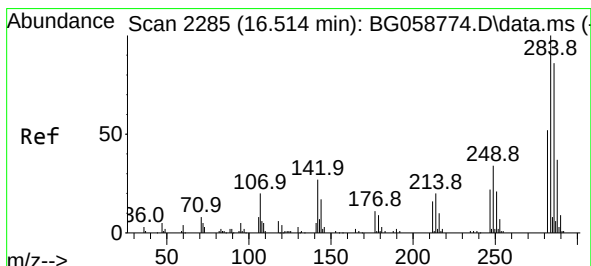
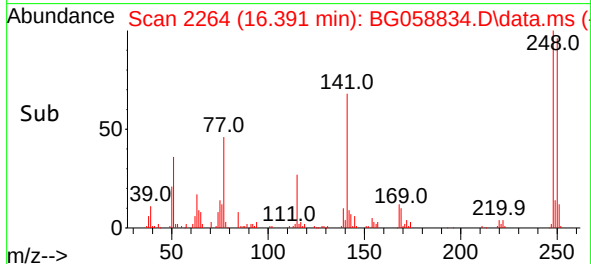
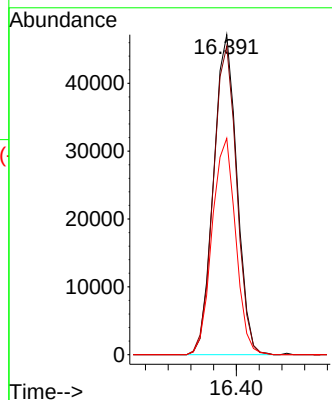
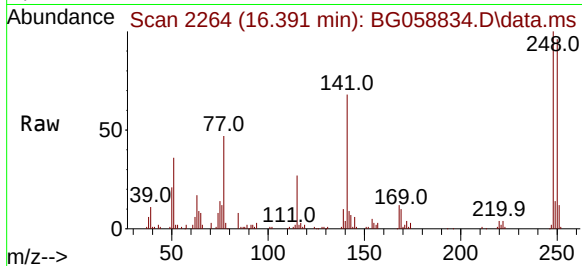




#67
4-Bromophenyl-phenylether
Concen: 43.741 ng
RT: 16.391 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

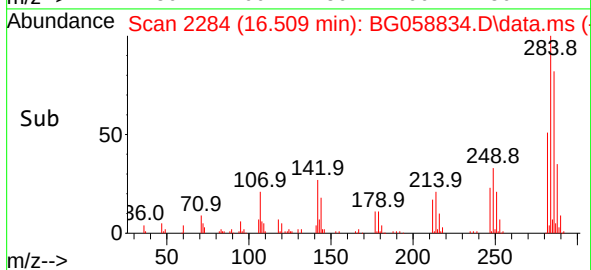
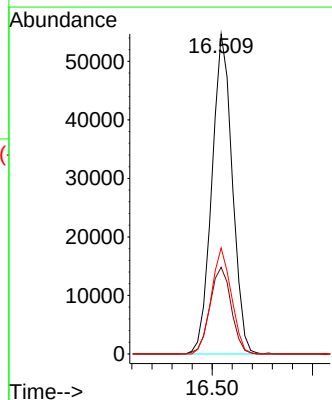
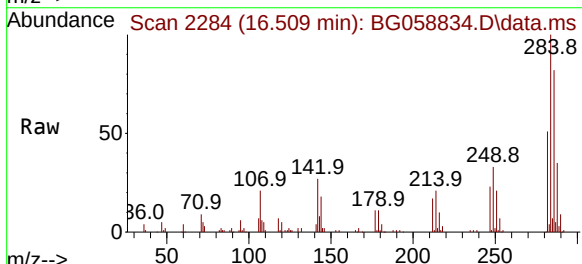
Instrument :
BNA_G
ClientSampleId :
PB154945BS

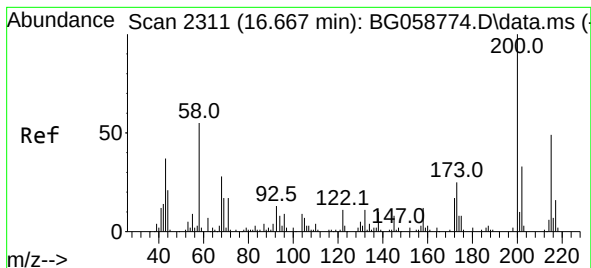
Tgt Ion:248 Resp: 67085
Ion Ratio Lower Upper
248 100
250 96.4 77.7 116.5
141 67.6 53.6 80.4



#68
Hexachlorobenzene
Concen: 46.849 ng
RT: 16.509 min Scan# 2284
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:284 Resp: 77330
Ion Ratio Lower Upper
284 100
142 27.1 22.0 33.0
249 33.2 27.2 40.8





#69

Atrazine

Concen: 55.822 ng

RT: 16.668 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

PB154945BS

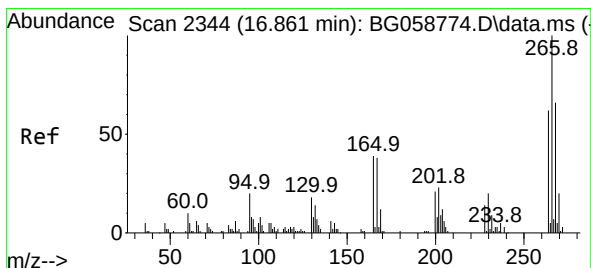
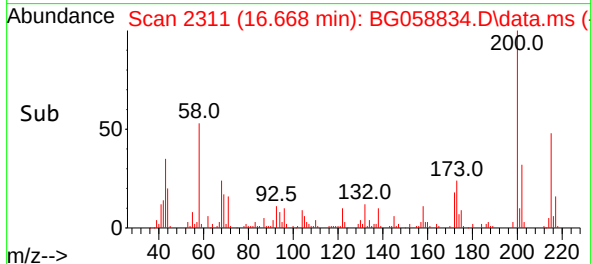
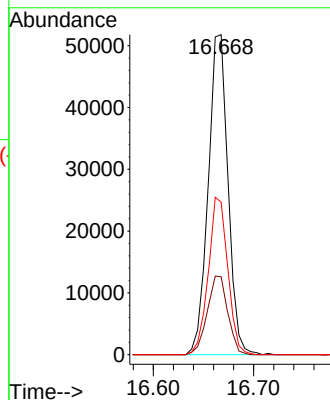
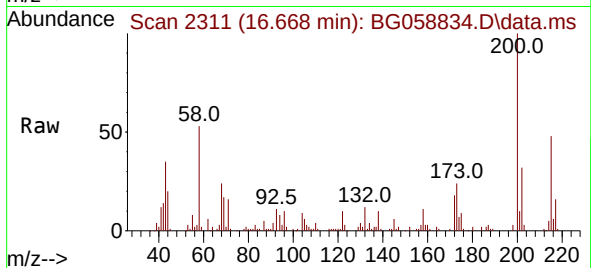
Tgt Ion:200 Resp: 71163

Ion Ratio Lower Upper

200 100

173 24.3 5.3 45.3

215 47.6 29.4 69.4



#70

Pentachlorophenol

Concen: 81.083 ng

RT: 16.861 min Scan# 2344

Delta R.T. 0.000 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

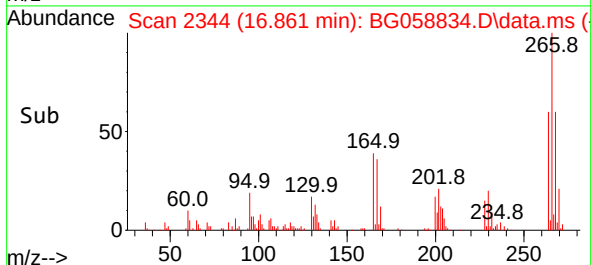
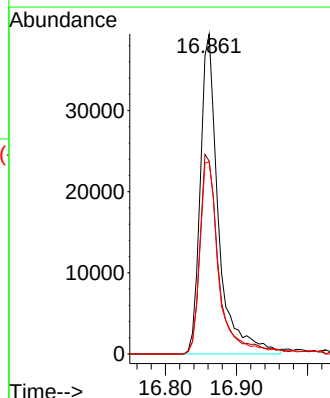
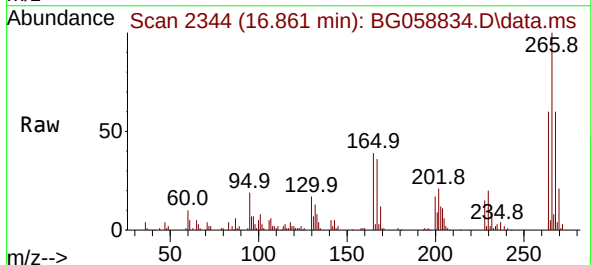
Tgt Ion:266 Resp: 70181

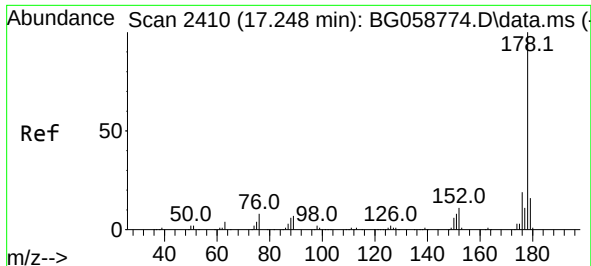
Ion Ratio Lower Upper

266 100

268 60.3 52.7 79.1

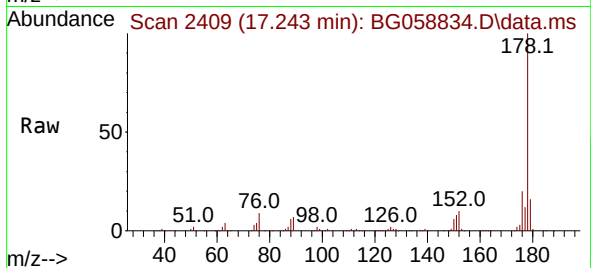
264 60.1 49.5 74.3



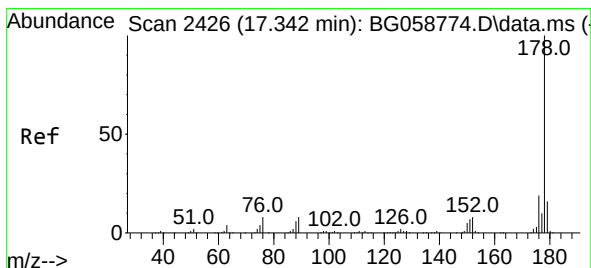
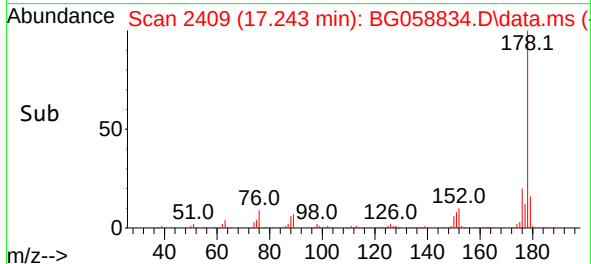
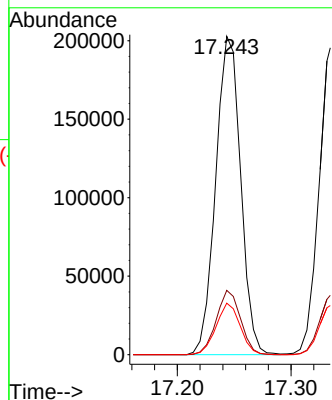


#71
Phenanthrene
Concen: 46.079 ng
RT: 17.243 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :
BNA_G
ClientSampleId :
PB154945BS

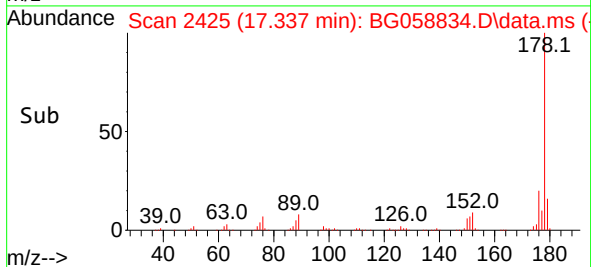
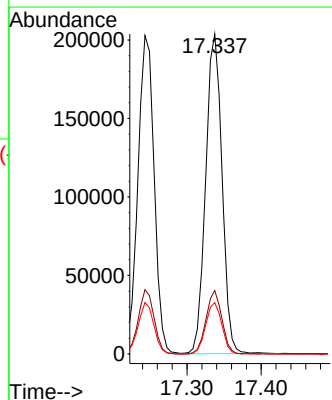
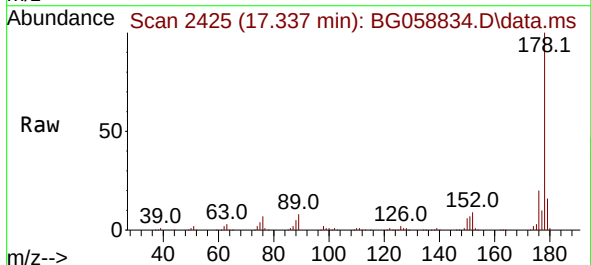


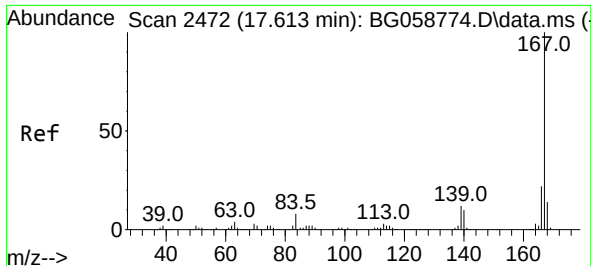
Tgt Ion:178 Resp: 309173
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 16.2 13.0 19.4



#72
Anthracene
Concen: 46.389 ng
RT: 17.337 min Scan# 2425
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:178 Resp: 312166
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.0 12.9 19.3

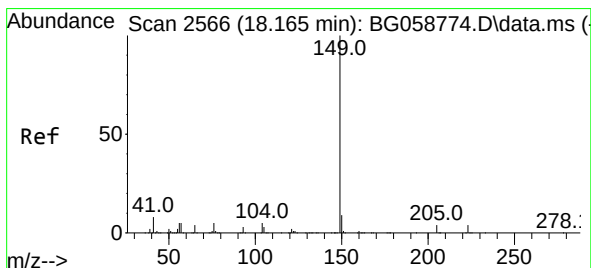
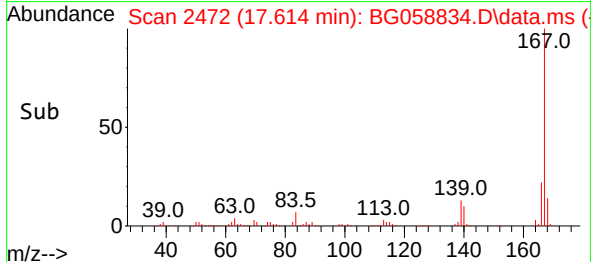
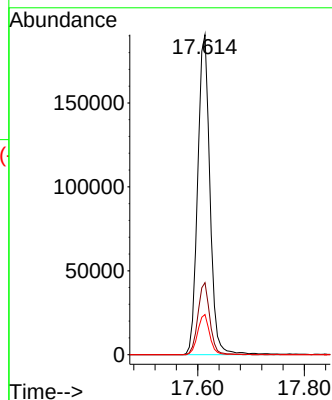
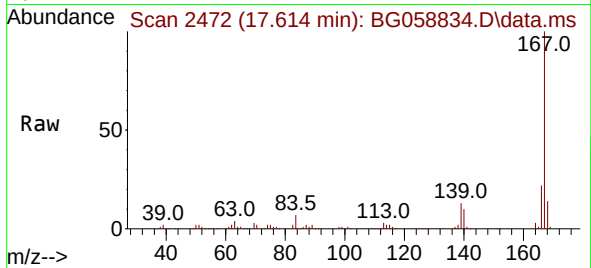




#73
 Carbazole
 Concen: 49.231 ng
 RT: 17.614 min Scan# 2472
 Delta R.T. 0.001 min
 Lab File: BG058834.D
 Acq: 24 Aug 2023 11:47

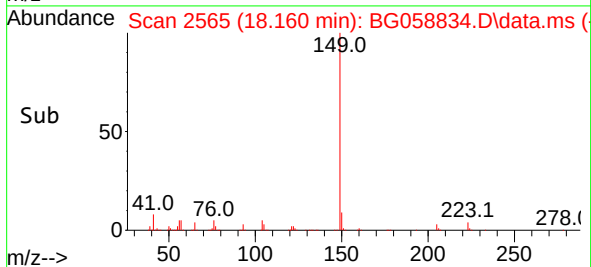
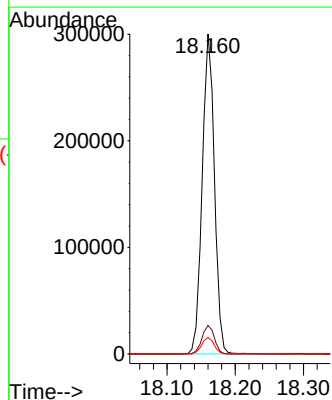
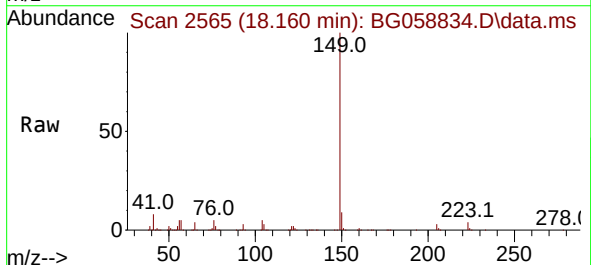
Instrument :
 BNA_G
 ClientSampleId :
 PB154945BS

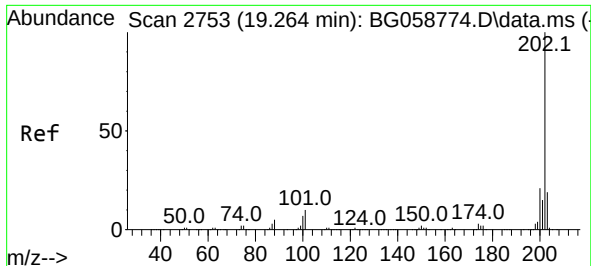
Tgt Ion:167 Resp: 303379
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.4 26.2
 139 12.6 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 47.996 ng
 RT: 18.160 min Scan# 2565
 Delta R.T. -0.005 min
 Lab File: BG058834.D
 Acq: 24 Aug 2023 11:47

Tgt Ion:149 Resp: 373106
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.1 4.3 6.5

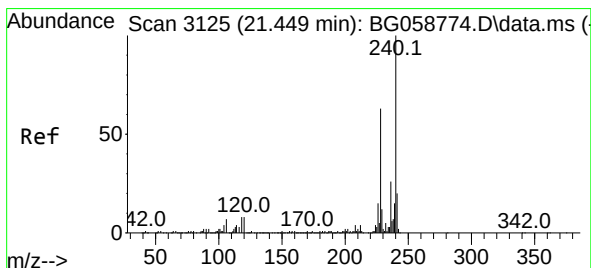
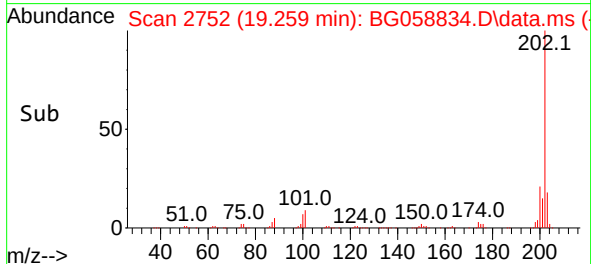
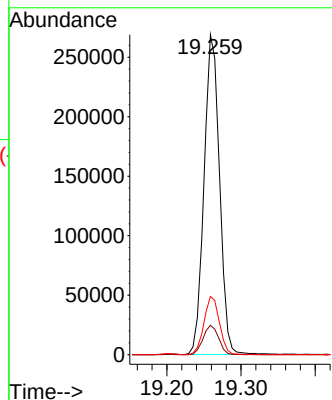
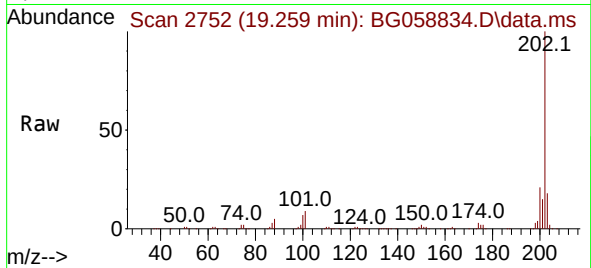




#75
Fluoranthene
Concen: 46.987 ng
RT: 19.259 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

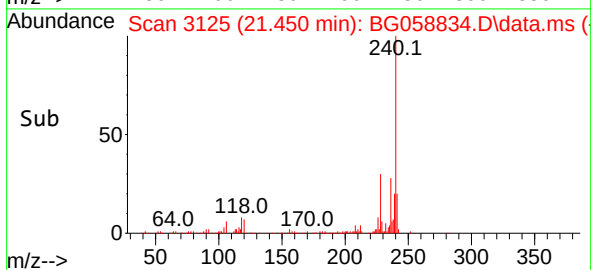
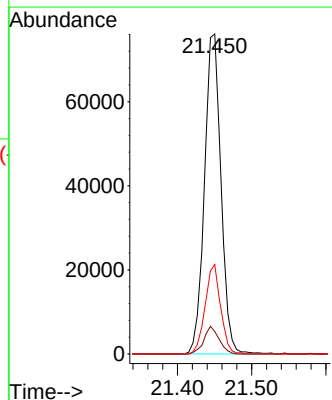
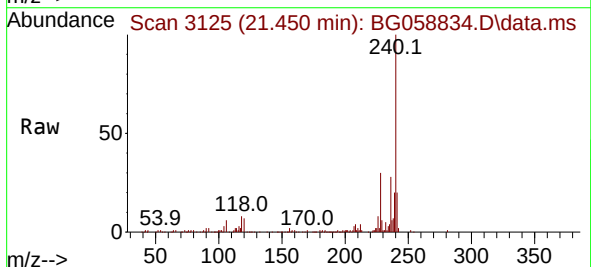
Instrument :
BNA_G
ClientSampleId :
PB154945BS

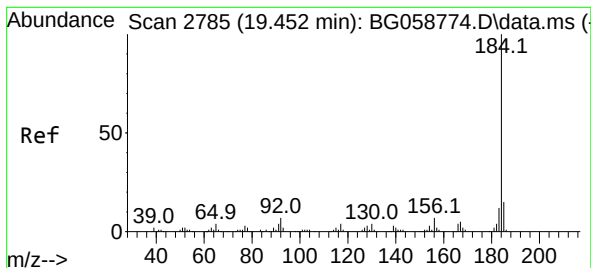
Tgt Ion:202 Resp: 390960
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.7
203 18.2 0.0 38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:240 Resp: 118076
Ion Ratio Lower Upper
240 100
120 7.0 6.2 9.2
236 28.0 20.5 30.7





#77

Benzidine

Concen: 58.352 ng

RT: 19.447 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

PB154945BS

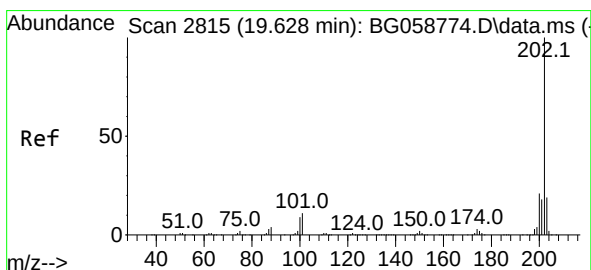
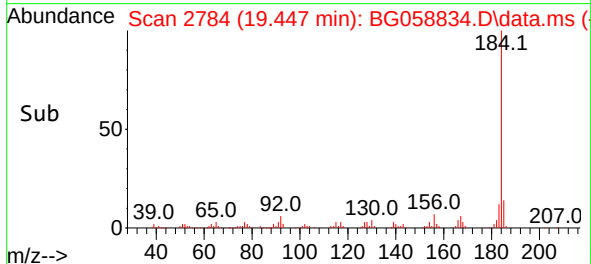
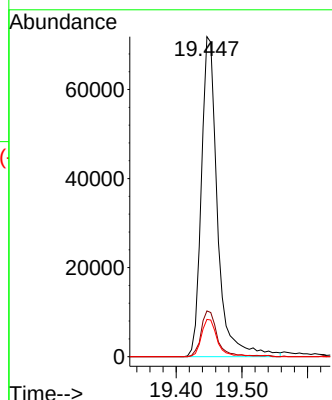
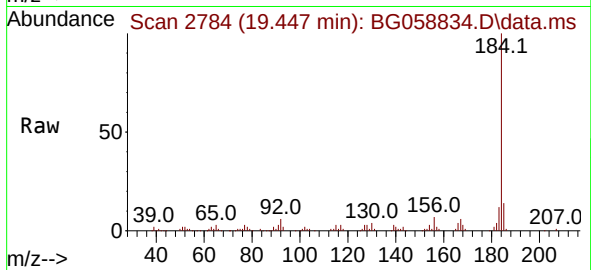
Tgt Ion:184 Resp: 123481

Ion Ratio Lower Upper

184 100

185 14.3 11.9 17.9

183 11.7 10.0 15.0



#78

Pyrene

Concen: 48.727 ng

RT: 19.623 min Scan# 2814

Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

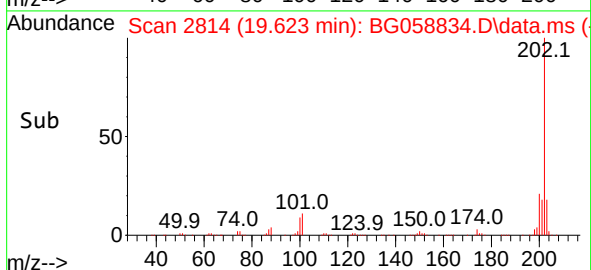
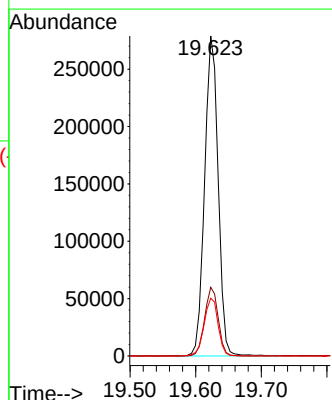
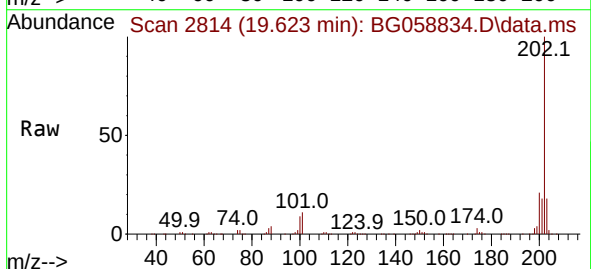
Tgt Ion:202 Resp: 400887

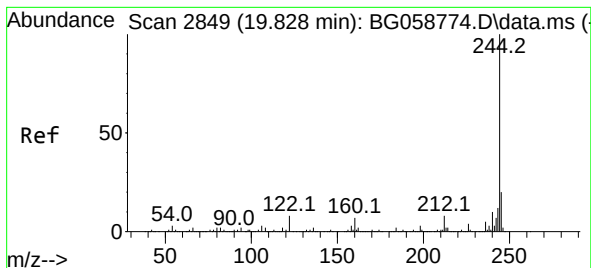
Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

203 18.1 15.3 22.9





#79

Terphenyl-d14

Concen: 98.255 ng

RT: 19.823 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

PB154945BS

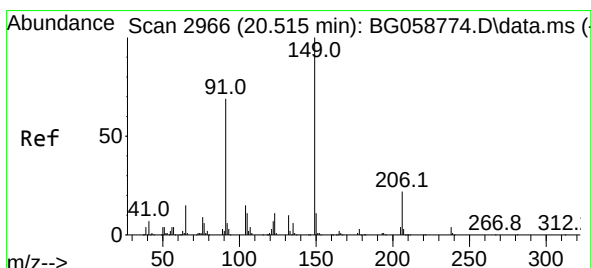
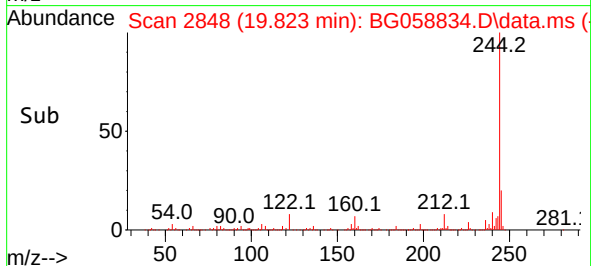
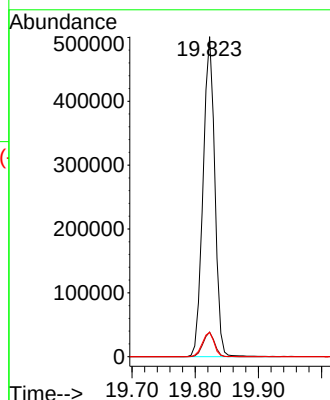
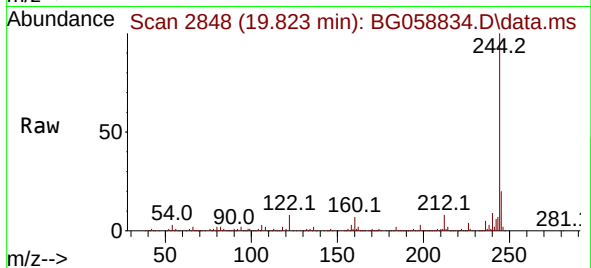
Tgt Ion:244 Resp: 646113

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 7.6 6.3 9.5



#80

Butylbenzylphthalate

Concen: 49.069 ng

RT: 20.510 min Scan# 2965

Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

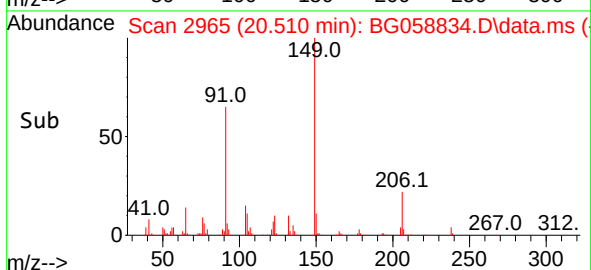
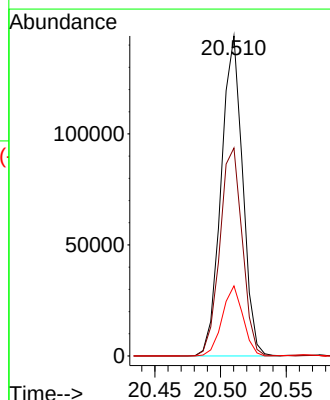
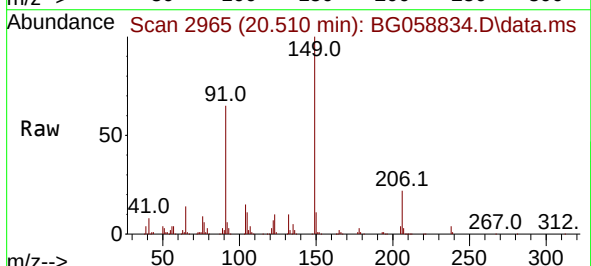
Tgt Ion:149 Resp: 163727

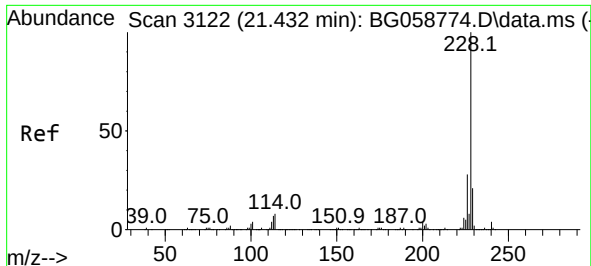
Ion Ratio Lower Upper

149 100

91 65.0 55.0 82.4

206 21.9 17.6 26.4

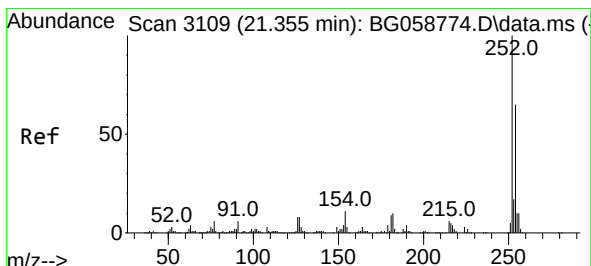
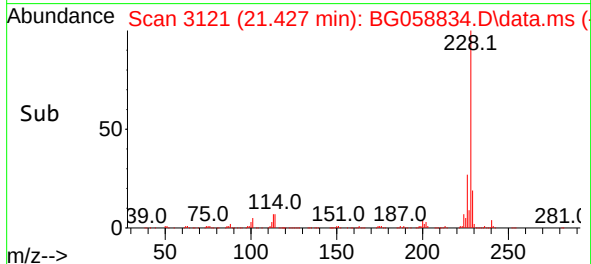
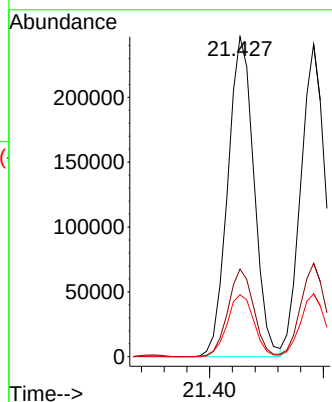
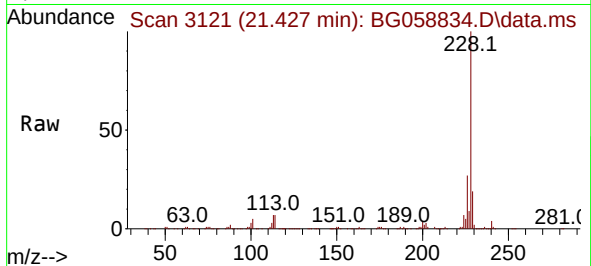




#81
Benzo(a)anthracene
Concen: 48.042 ng
RT: 21.427 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

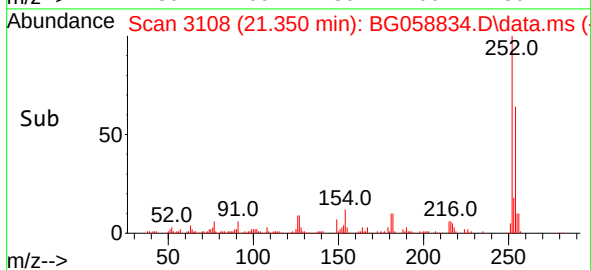
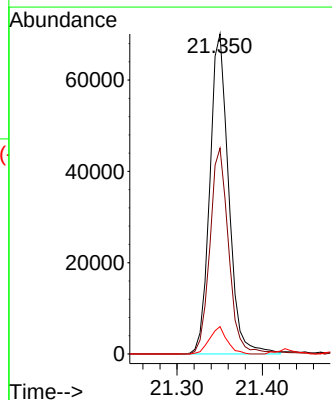
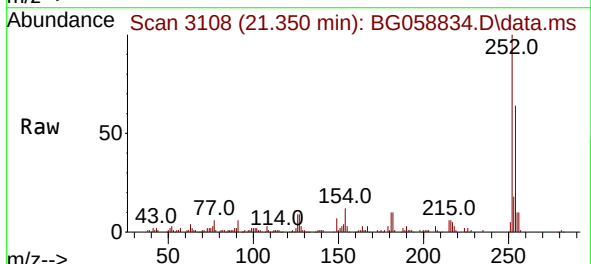
Instrument :
BNA_G
ClientSampleId :
PB154945BS

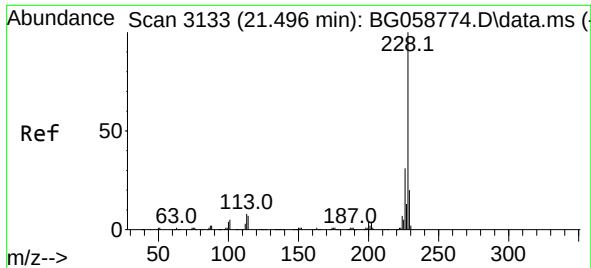
Tgt Ion:228 Resp: 394870
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.4 16.8 25.2



#82
3,3'-Dichlorobenzidine
Concen: 37.902 ng
RT: 21.350 min Scan# 3108
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:252 Resp: 107553
Ion Ratio Lower Upper
252 100
254 64.3 51.8 77.6
126 8.5 6.6 9.8

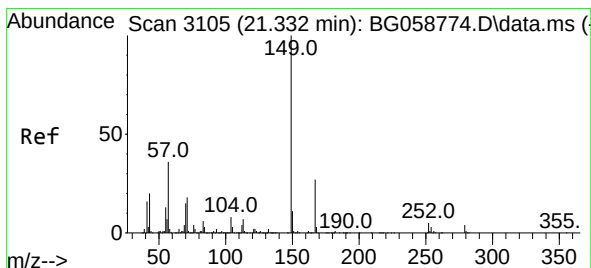
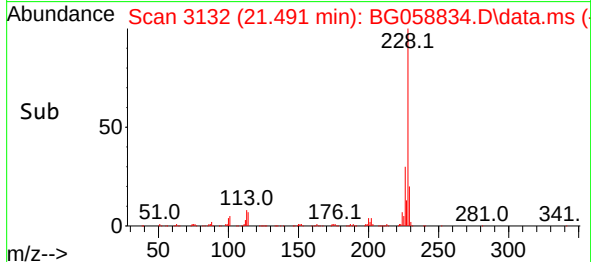
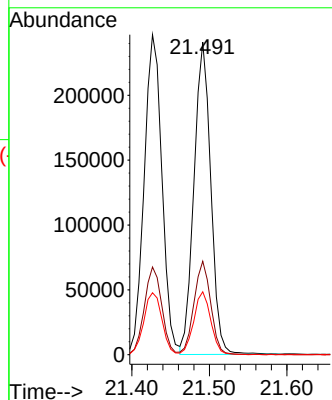
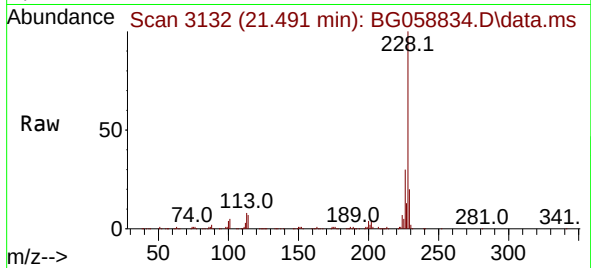




#83
Chrysene
Concen: 45.752 ng
RT: 21.491 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

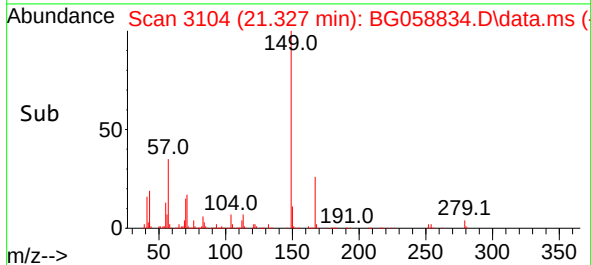
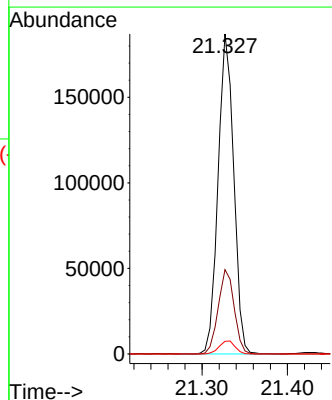
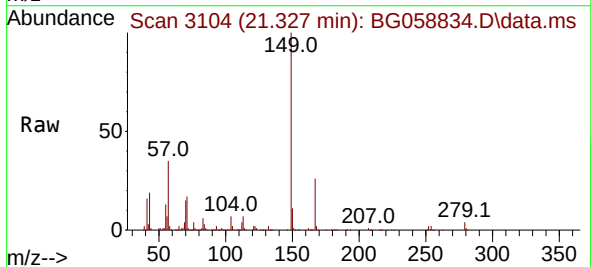
Instrument :
BNA_G
ClientSampleId :
PB154945BS

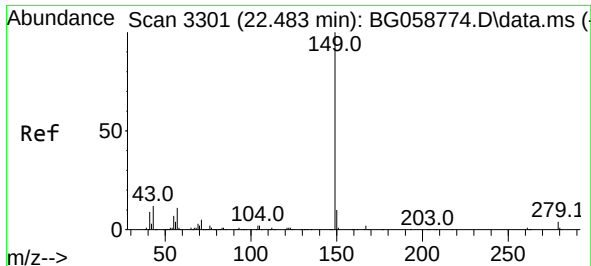
Tgt Ion:228 Resp: 362460
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 20.1 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.677 ng
RT: 21.327 min Scan# 3104
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:149 Resp: 238215
Ion Ratio Lower Upper
149 100
167 26.4 21.7 32.5
279 4.0 3.2 4.8

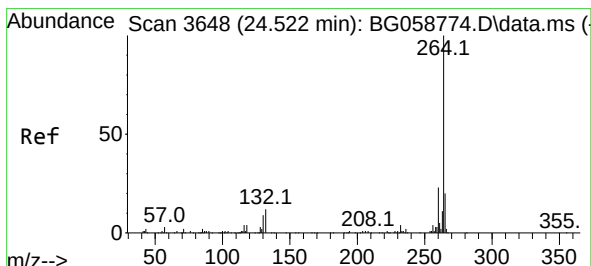
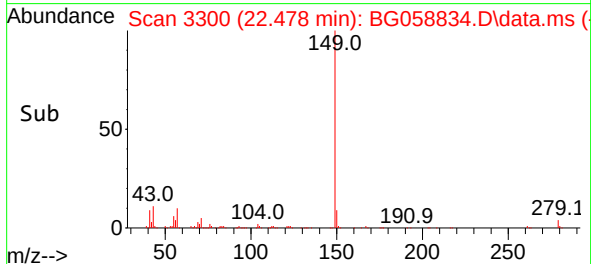
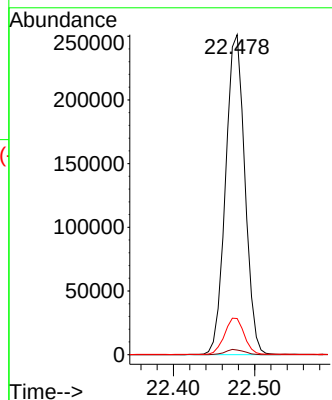
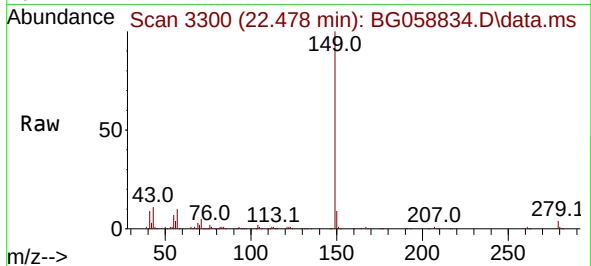




#85
Di-n-octyl phthalate
Concen: 49.228 ng
RT: 22.478 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

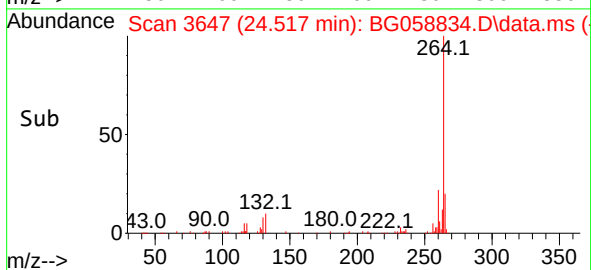
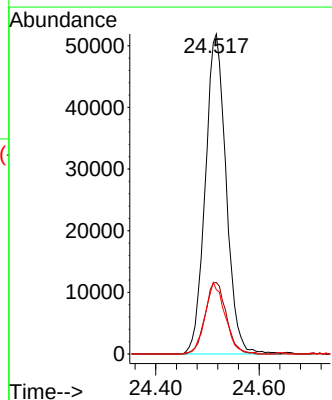
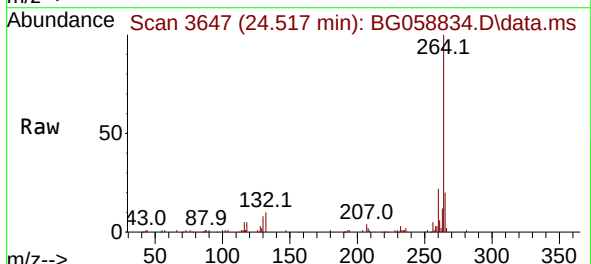
Instrument :
BNA_G
ClientSampleId :
PB154945BS

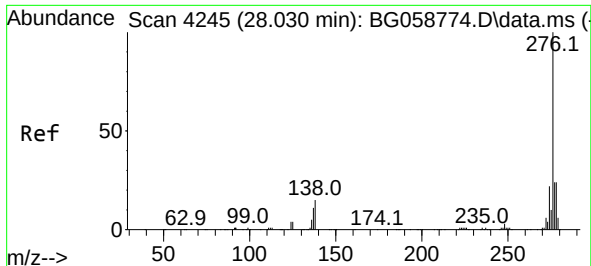
Tgt Ion:149 Resp: 414364
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.5 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.517 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:264 Resp: 145022
Ion Ratio Lower Upper
264 100
260 22.3 18.2 27.2
265 20.1 16.4 24.6

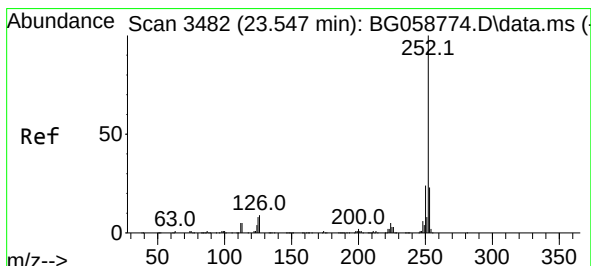
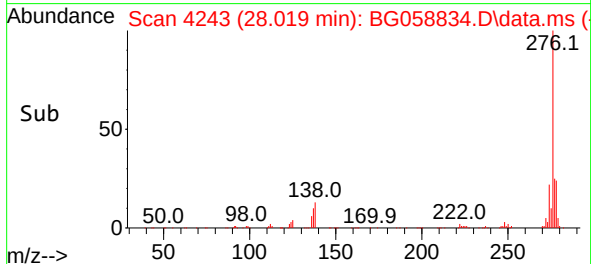
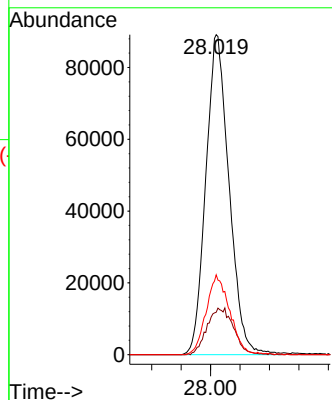
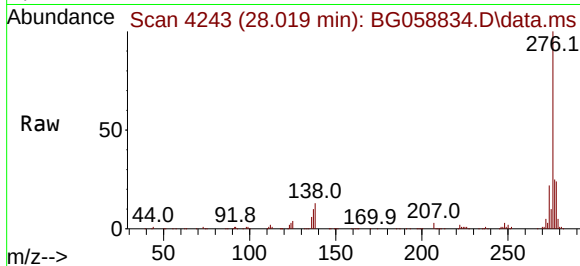




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.760 ng
RT: 28.019 min Scan# 41
Delta R.T. -0.011 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

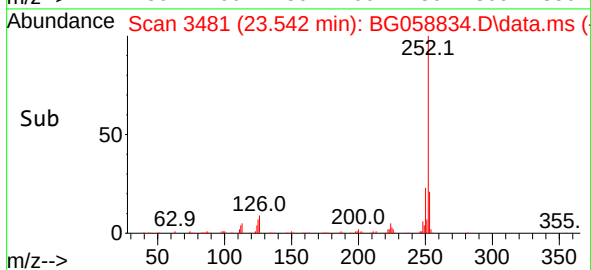
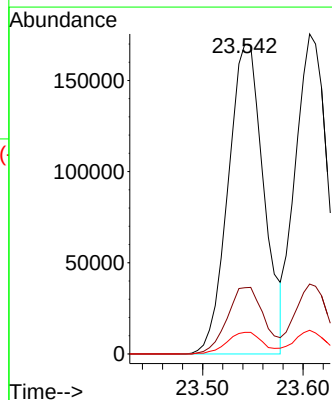
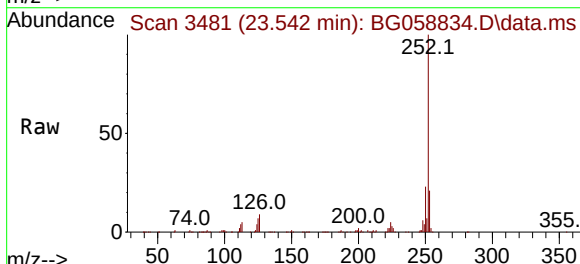
Instrument :
BNA_G
ClientSampleId :
PB154945BS

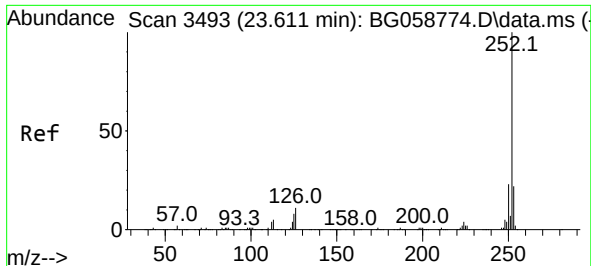
Tgt Ion:276 Resp: 488227
Ion Ratio Lower Upper
276 100
138 0.0 6.2 9.2#
277 25.0 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 52.200 ng
RT: 23.542 min Scan# 3481
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:252 Resp: 420027
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 7.0 6.2 9.2

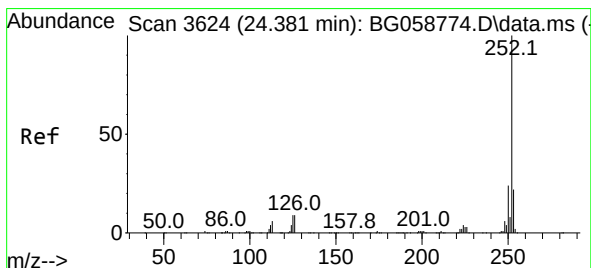
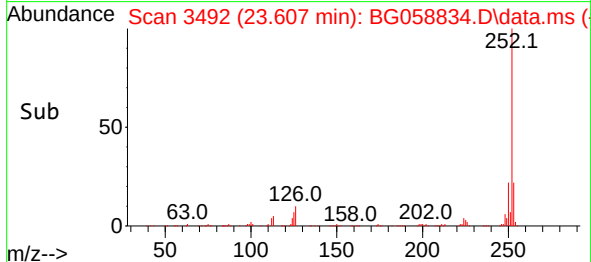
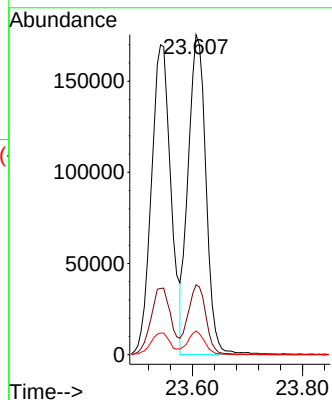
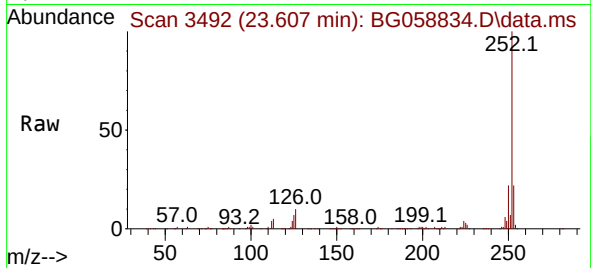




#89
Benzo(k)fluoranthene
Concen: 47.487 ng
RT: 23.607 min Scan# 3492
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

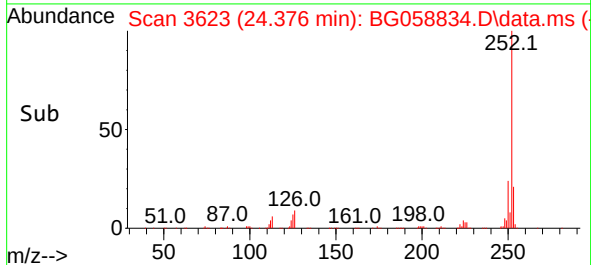
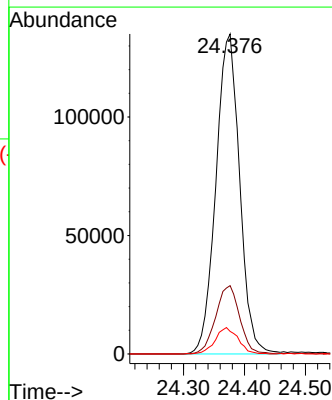
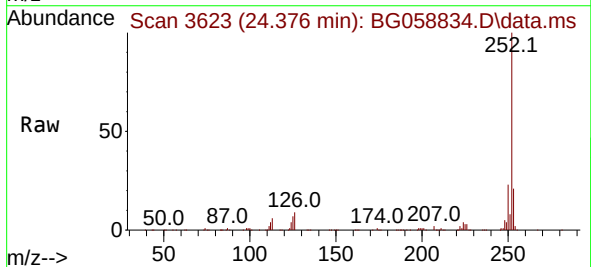
Instrument :
BNA_G
ClientSampleId :
PB154945BS

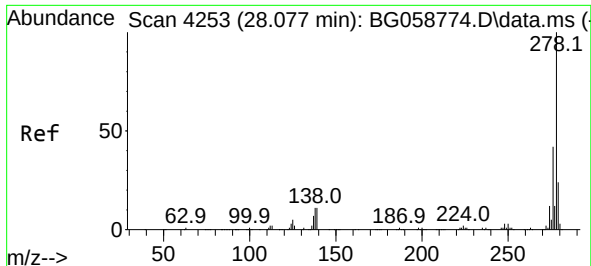
Tgt Ion:252 Resp: 394066
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.4 6.3 9.5



#90
Benzo(a)pyrene
Concen: 46.037 ng
RT: 24.376 min Scan# 3623
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:252 Resp: 364750
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 7.0 6.8 10.2

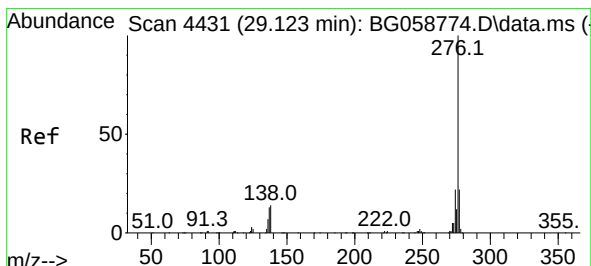
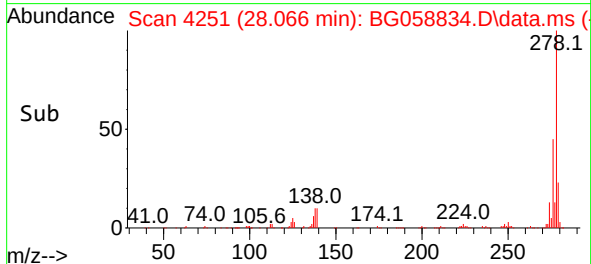
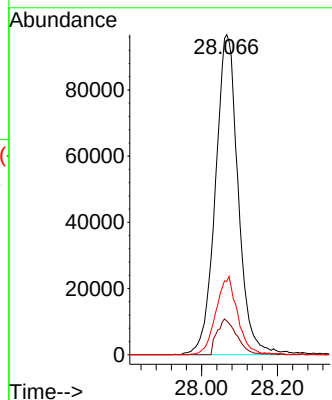
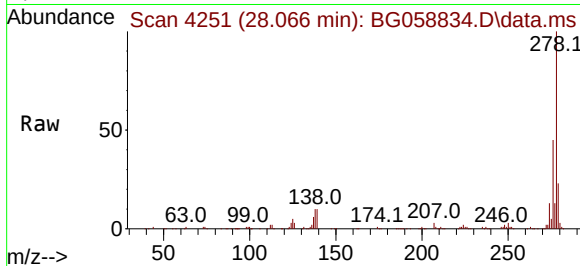




#91
Dibenzo(a,h)anthracene
Concen: 49.952 ng
RT: 28.066 min Scan# 41
Delta R.T. -0.011 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :
BNA_G
ClientSampleId :
PB154945BS

Tgt Ion:278 Resp: 402732
Ion Ratio Lower Upper
278 100
139 10.5 8.9 13.3
279 22.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 48.660 ng
RT: 29.112 min Scan# 4429
Delta R.T. -0.011 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:276 Resp: 392247
Ion Ratio Lower Upper
276 100
277 22.9 17.8 26.6
138 14.6 11.1 16.7

