

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058827.D
 Acq On : 23 Aug 2023 18:19
 Operator : MA/JU
 Sample : 04110-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-04(1-2)MSD

Quant Time: Aug 24 02:45:48 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	17532	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	84055	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	67870	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	166761	20.000	ng	0.00
76) Chrysene-d12	21.450	240	138076	20.000	ng	0.00
86) Perylene-d12	24.511	264	176708	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	112564	103.322	ng	0.00
7) Phenol-d6	6.984	99	163168	106.750	ng	0.00
23) Nitrobenzene-d5	8.970	82	100521	57.496	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	97096	91.239	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	245510	52.613	ng	0.00
79) Terphenyl-d14	19.822	244	457655	59.515	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.259	88	19614	38.294	ng	97
3) Pyridine	3.653	79	49381	36.484	ng	95
4) n-Nitrosodimethylamine	3.576	42	33174	45.083	ng	95
6) Aniline	7.131	93	47101	25.208	ng	99
8) 2-Chlorophenol	7.372	128	65936	59.858	ng	99
9) Benzaldehyde	6.943	77	24984	29.140	ng	98
10) Phenol	7.008	94	90372	61.315	ng	98
11) bis(2-Chloroethyl)ether	7.225	93	56861	49.441	ng	99
12) 1,3-Dichlorobenzene	7.695	146	60619	51.808	ng	98
13) 1,4-Dichlorobenzene	7.842	146	60484	51.119	ng	97
14) 1,2-Dichlorobenzene	8.159	146	59812	52.302	ng	97
15) Benzyl Alcohol	8.048	79	66740	61.070	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.324	45	126429	51.583	ng	98
17) 2-Methylphenol	8.259	107	61670	56.968	ng	96
18) Hexachloroethane	8.882	117	22266	51.650	ng	94
19) n-Nitroso-di-n-propyla...	8.612	70	52463	53.098	ng	98
20) 3+4-Methylphenols	8.588	107	86654	59.539	ng	99
22) Acetophenone	8.629	105	102591	45.088	ng	99
24) Nitrobenzene	9.011	77	77318	44.465	ng	96
25) Isophorone	9.534	82	156638	45.052	ng	100
26) 2-Nitrophenol	9.722	139	36767	50.556	ng	98
27) 2,4-Dimethylphenol	9.787	122	64429	52.274	ng	96
28) bis(2-Chloroethoxy)met...	10.016	93	86464	46.949	ng	96
29) 2,4-Dichlorophenol	10.263	162	71817	56.704	ng	99
30) 1,2,4-Trichlorobenzene	10.468	180	71006	46.427	ng	98
31) Naphthalene	10.656	128	202089	45.790	ng	99
32) Benzoic acid	9.963	122	46173	59.560	ng	97
33) 4-Chloroaniline	10.774	127	31970	17.176	ng	97
34) Hexachlorobutadiene	10.933	225	46310	44.865	ng	97
35) Caprolactam	11.561	113	18704	41.213	ng	94
36) 4-Chloro-3-methylphenol	11.908	107	88583	56.242	ng	99
37) 2-Methylnaphthalene	12.272	142	150150	47.368	ng	98
38) 1-Methylnaphthalene	12.490	142	146198	48.587	ng	100
40) 1,2,4,5-Tetrachloroben...	12.642	216	90101	43.062	ng	99
41) Hexachlorocyclopentadiene	12.619	237	69186	83.608	ng	98
43) 2,4,6-Trichlorophenol	12.889	196	67801	50.926	ng	95

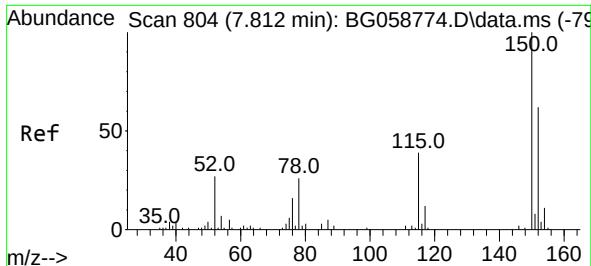
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
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 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.965	196	74793	46.913	ng	97
46) 1,1'-Biphenyl	13.289	154	209284	44.762	ng	97
47) 2-Chloronaphthalene	13.330	162	166746	45.765	ng	98
48) 2-Nitroaniline	13.541	65	65602	47.407	ng	93
49) Acenaphthylene	14.176	152	282819	46.807	ng	99
50) Dimethylphthalate	13.911	163	233513	44.436	ng	98
51) 2,6-Dinitrotoluene	14.041	165	52613	47.656	ng	95
52) Acenaphthene	14.522	154	158942	45.014	ng	98
53) 3-Nitroaniline	14.376	138	21113	19.828	ng	91
54) 2,4-Dinitrophenol	14.593	184	54387	87.441	ng	95
55) Dibenzofuran	14.857	168	276625	45.416	ng	100
56) 4-Nitrophenol	14.693	139	74293	95.529	ng	100
57) 2,4-Dinitrotoluene	14.834	165	74725	48.527	ng	96
58) Fluorene	15.504	166	223139	46.033	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.086	232	69124	53.132	ng	94
60) Diethylphthalate	15.275	149	246547	45.504	ng	100
61) 4-Chlorophenyl-phenyle...	15.492	204	125682	46.779	ng	98
62) 4-Nitroaniline	15.539	138	50052	46.319	ng	96
63) Azobenzene	15.792	77	226637	45.555	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	44837	47.567	ng	97
66) n-Nitrosodiphenylamine	15.715	169	199994	46.531	ng	96
67) 4-Bromophenyl-phenylether	16.391	248	85317	46.622	ng	99
68) Hexachlorobenzene	16.508	284	95572	48.526	ng	98
69) Atrazine	16.667	200	82759	54.408	ng	99
70) Pentachlorophenol	16.861	266	86090	83.360	ng	96
71) Phenanthrene	17.243	178	363179	45.365	ng	100
72) Anthracene	17.337	178	372684	46.415	ng	99
73) Carbazole	17.613	167	337476	45.898	ng	99
74) Di-n-butylphthalate	18.159	149	419569	45.234	ng	99
75) Fluoranthene	19.258	202	434029	43.718	ng	99
77) Benzidine	19.446	184	114950	46.452	ng	97
78) Pyrene	19.622	202	444180	46.169	ng	98
80) Butylbenzylphthalate	20.510	149	188785	48.384	ng	99
81) Benzo(a)anthracene	21.426	228	451954	47.023	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	93946	28.312	ng	98
83) Chrysene	21.491	228	415169	44.814	ng	98
84) Bis(2-ethylhexyl)phtha...	21.326	149	271206	47.391	ng	100
85) Di-n-octyl phthalate	22.478	149	474216	48.178	ng	99
87) Indeno(1,2,3-cd)pyrene	28.024	276	557408	46.624	ng	100
88) Benzo(b)fluoranthene	23.547	252	481307	49.090	ng	99
89) Benzo(k)fluoranthene	23.612	252	450209	44.524	ng	99
90) Benzo(a)pyrene	24.376	252	423298	43.846	ng	99
91) Dibenzo(a,h)anthracene	28.077	278	461874	47.015	ng	99
92) Benzo(g,h,i)perylene	29.117	276	453719	46.193	ng	97

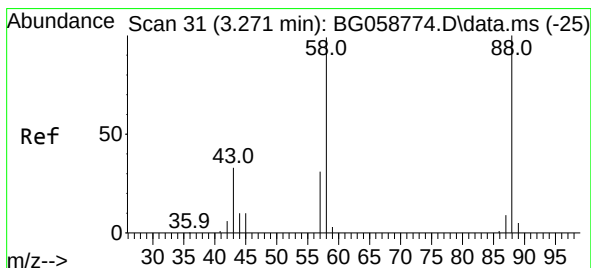
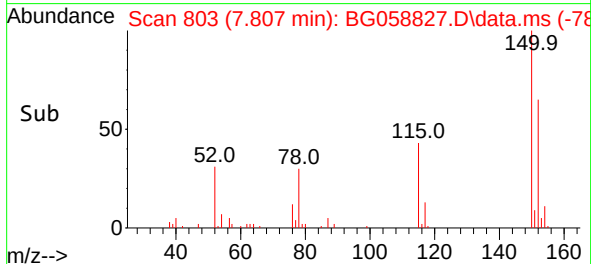
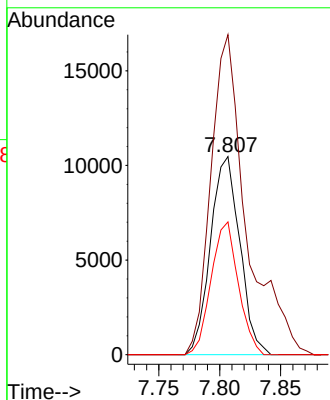
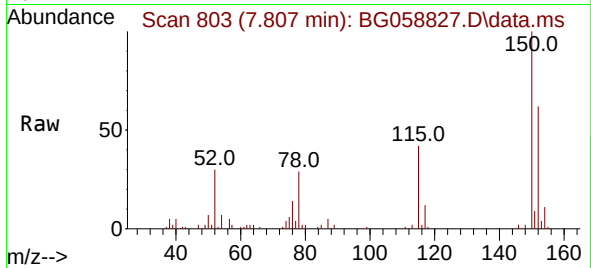
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.807 min Scan# 80
 Delta R.T. -0.005 min
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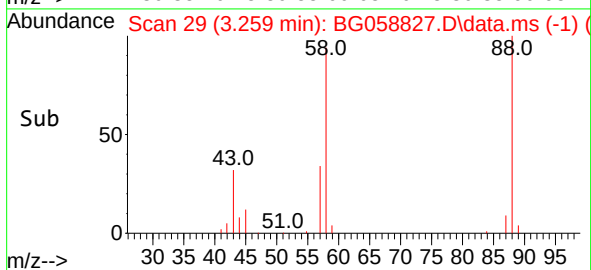
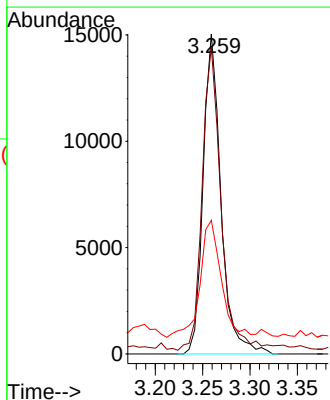
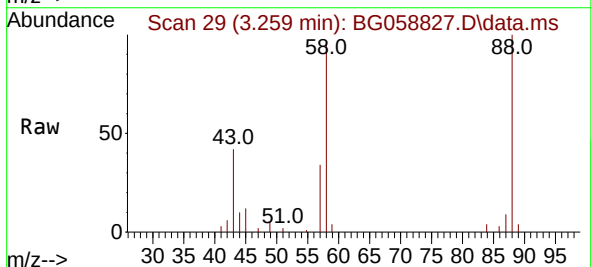
Instrument :
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 TP-04(1-2)MSD

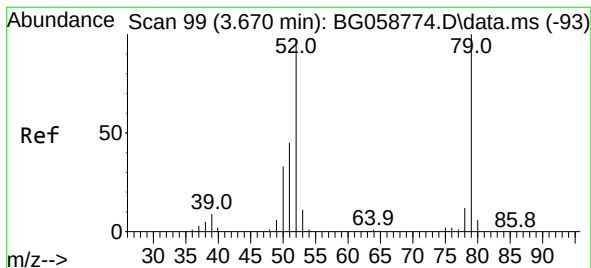
Tgt Ion:152 Resp: 17532
 Ion Ratio Lower Upper
 152 100
 150 161.5 128.6 192.8
 115 67.1 50.4 75.6



#2
 1,4-Dioxane
 Concen: 38.294 ng
 RT: 3.259 min Scan# 29
 Delta R.T. -0.011 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

Tgt Ion: 88 Resp: 19614
 Ion Ratio Lower Upper
 88 100
 58 102.3 82.8 124.2
 43 43.2 30.1 45.1





#3

Pyridine

Concen: 36.484 ng

RT: 3.653 min Scan# 90

Delta R.T. -0.017 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

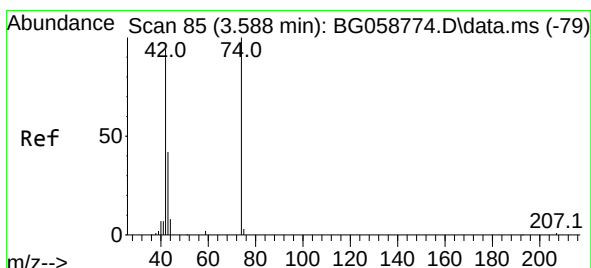
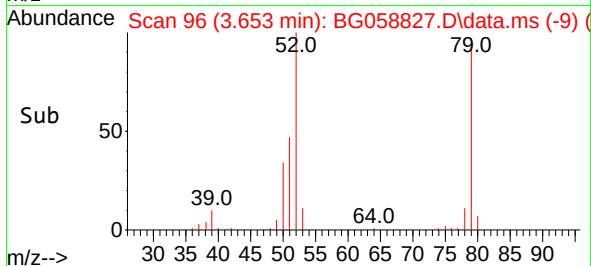
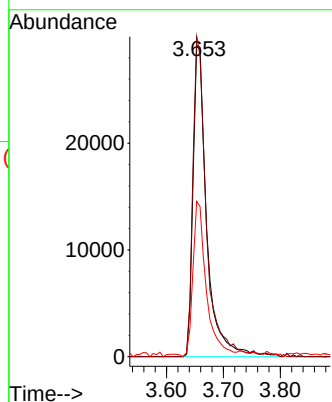
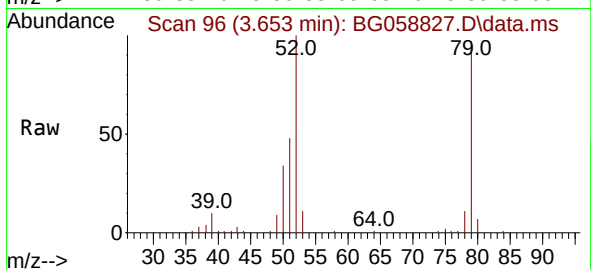
Tgt Ion: 79 Resp: 49381

Ion Ratio Lower Upper

79 100

52 102.8 77.6 116.4

51 49.9 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 45.083 ng

RT: 3.576 min Scan# 83

Delta R.T. -0.011 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

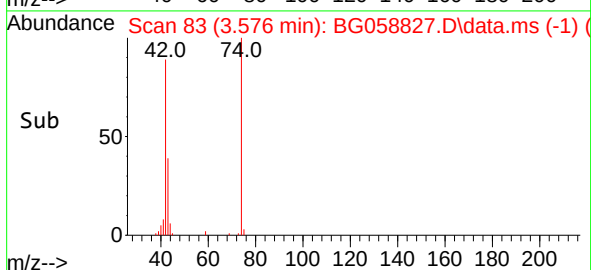
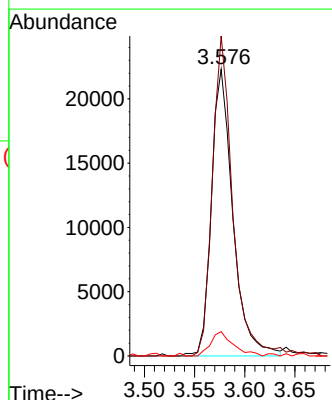
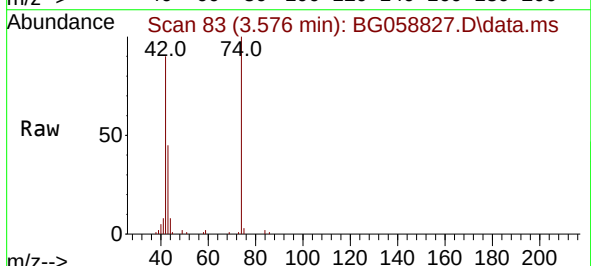
Tgt Ion: 42 Resp: 33174

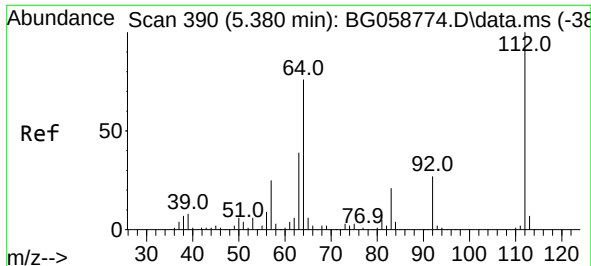
Ion Ratio Lower Upper

42 100

74 111.6 85.1 127.7

44 8.5 6.9 10.3

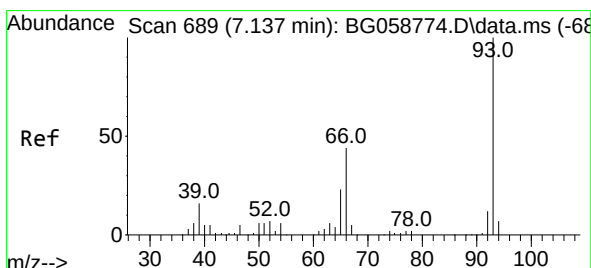
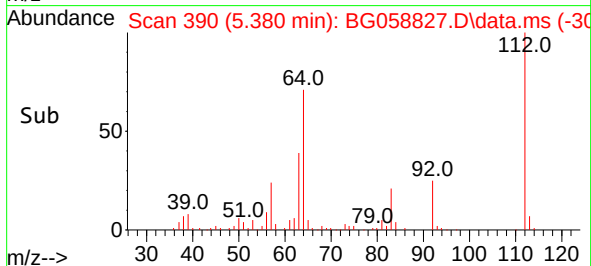
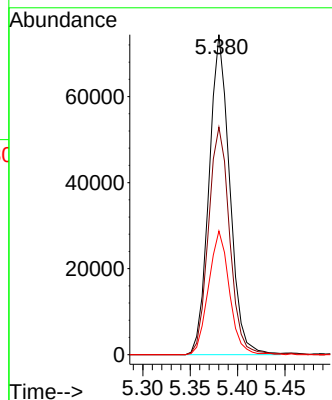
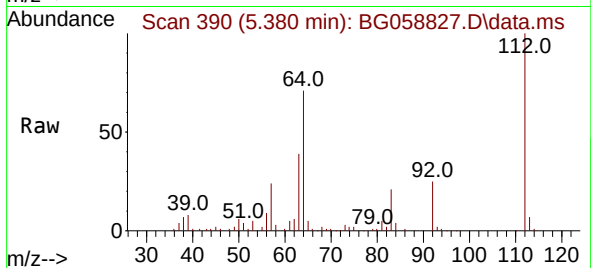




#5
2-Fluorophenol
Concen: 103.322 ng
RT: 5.380 min Scan# 390
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

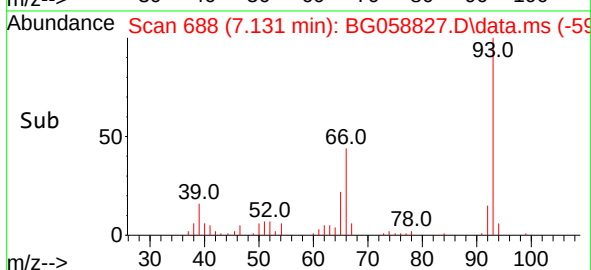
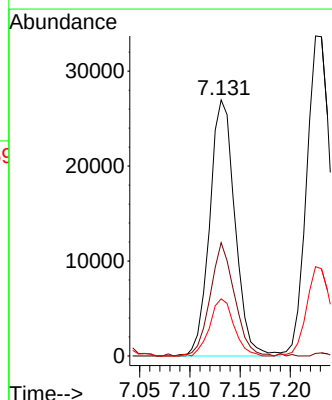
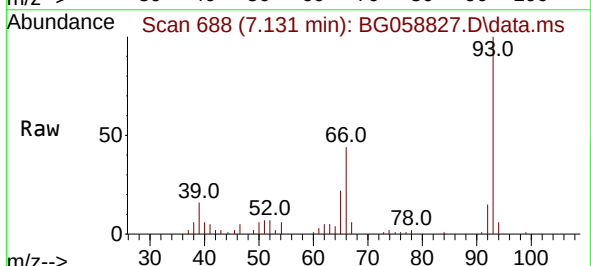
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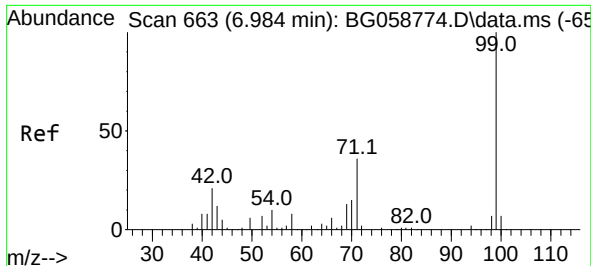
Tgt Ion:112 Resp: 112564
Ion Ratio Lower Upper
112 100
64 71.1 60.6 90.8
63 38.7 31.0 46.4



#6
Aniline
Concen: 25.208 ng
RT: 7.131 min Scan# 688
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion: 93 Resp: 47101
Ion Ratio Lower Upper
93 100
66 44.3 35.7 53.5
65 22.3 18.2 27.2

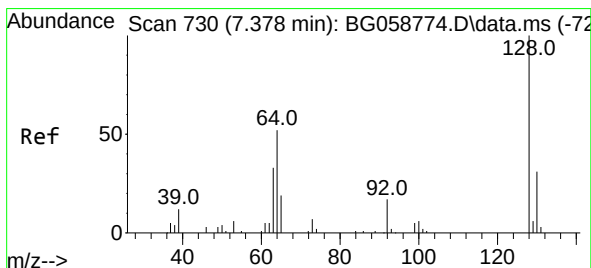
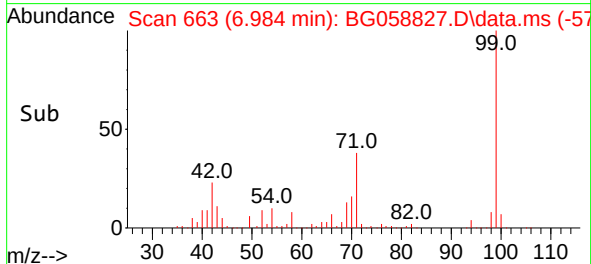
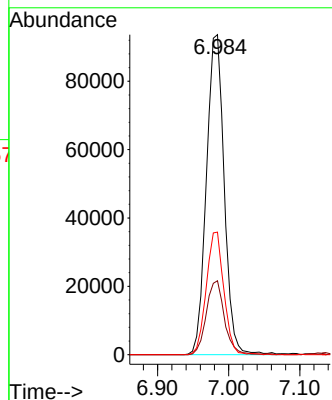
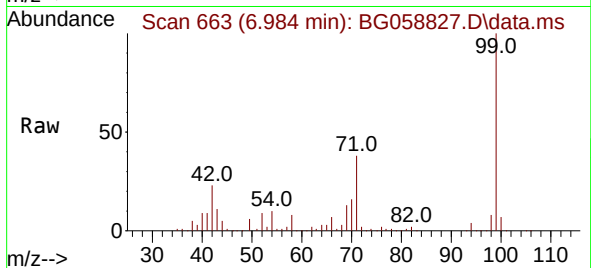




#7
Phenol-d6
Concen: 106.750 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

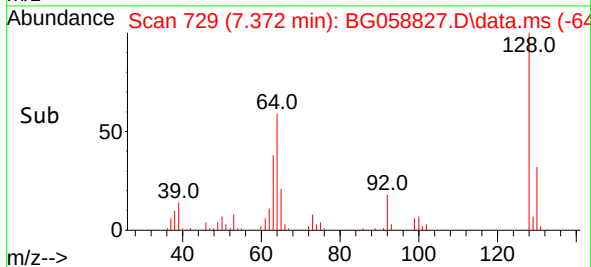
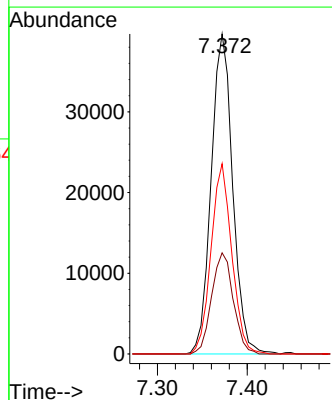
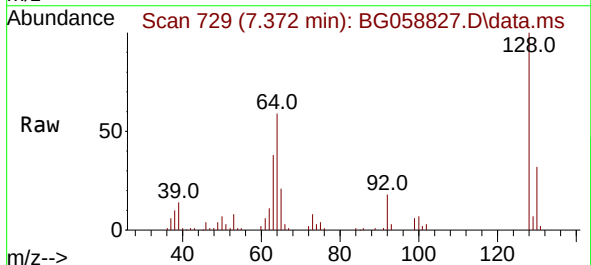
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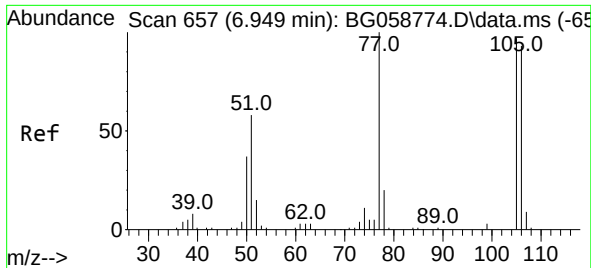
Tgt Ion: 99 Resp: 163168
Ion Ratio Lower Upper
99 100
42 23.1 16.5 24.7
71 38.3 28.4 42.6



#8
2-Chlorophenol
Concen: 59.858 ng
RT: 7.372 min Scan# 729
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:128 Resp: 65936
Ion Ratio Lower Upper
128 100
130 31.6 10.9 50.9
64 59.4 38.4 78.4

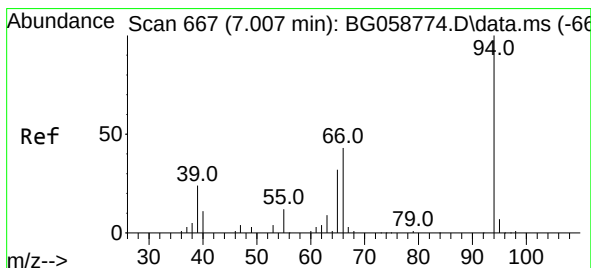
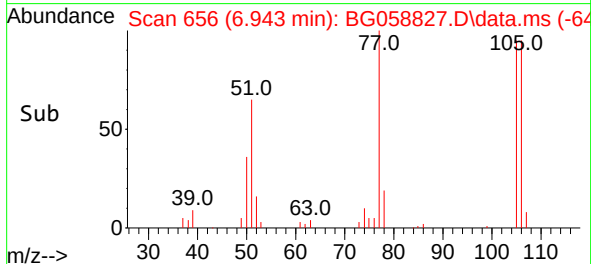
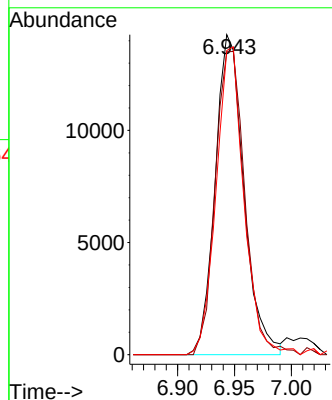
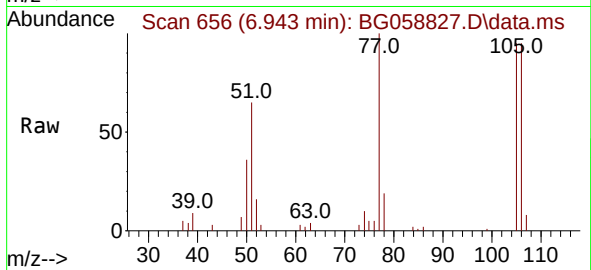




#9
Benzaldehyde
Concen: 29.140 ng
RT: 6.943 min Scan# 657
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

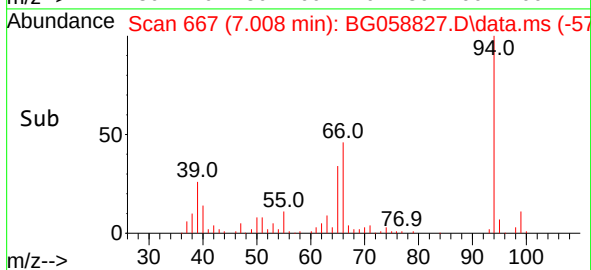
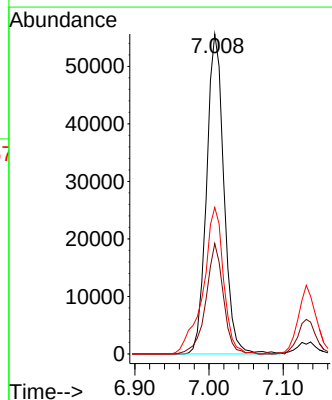
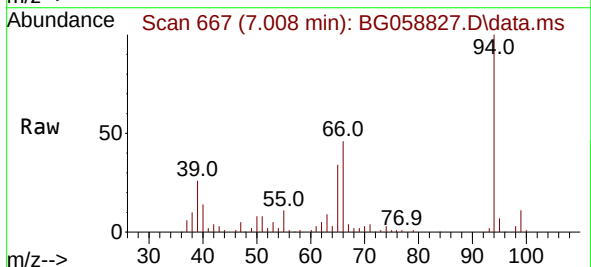
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ClientSampleId :
TP-04(1-2)MSD

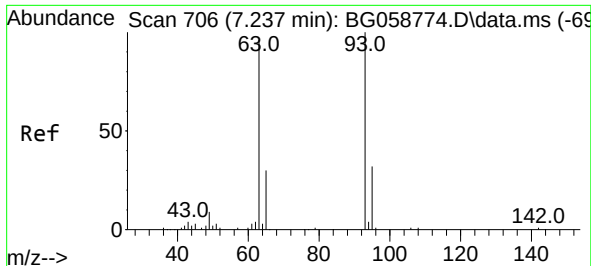
Tgt Ion: 77 Resp: 24984
Ion Ratio Lower Upper
77 100
105 94.7 76.7 116.7
106 95.1 73.4 113.4



#10
Phenol
Concen: 61.315 ng
RT: 7.008 min Scan# 667
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion: 94 Resp: 90372
Ion Ratio Lower Upper
94 100
65 34.5 12.6 52.6
66 45.8 26.6 66.6

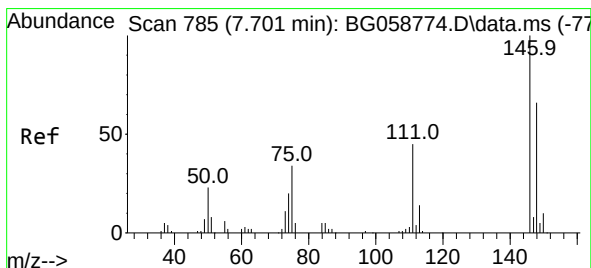
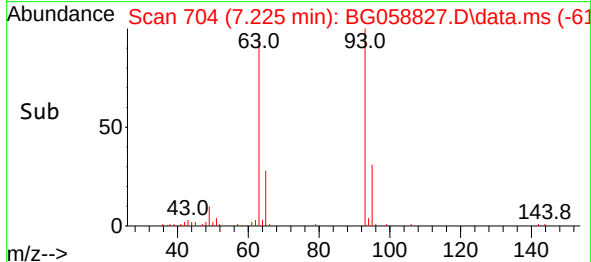
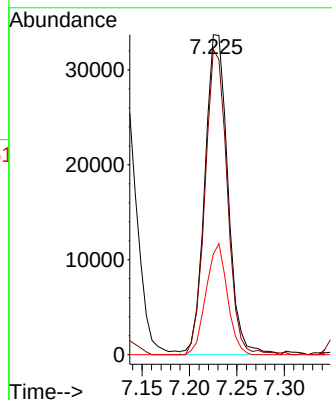
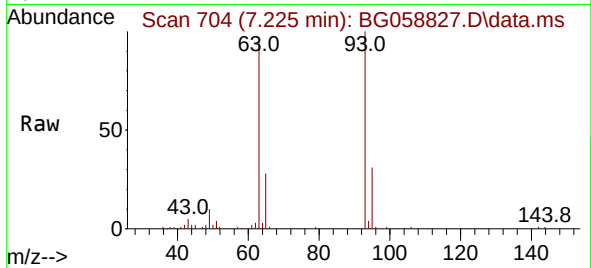




#11
bis(2-Chloroethyl)ether
Concen: 49.441 ng
RT: 7.225 min Scan# 706
Delta R.T. -0.011 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

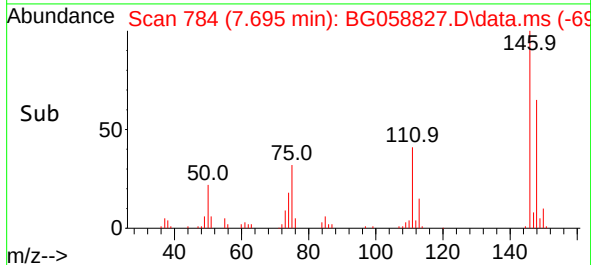
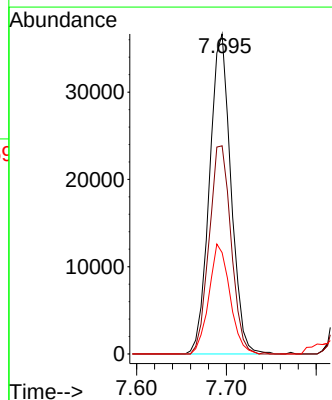
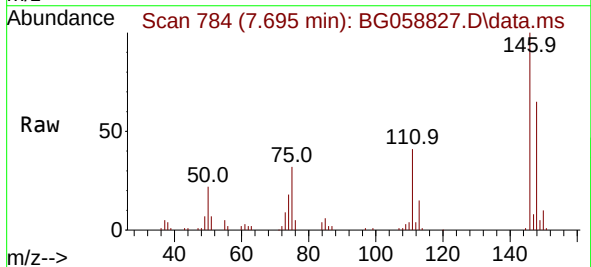
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

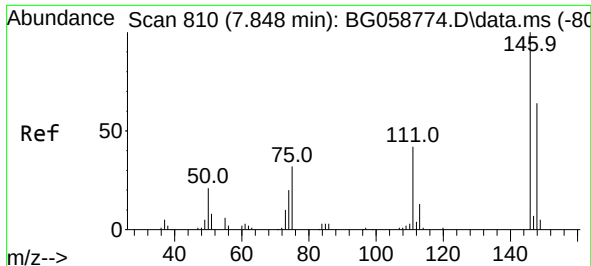
Tgt Ion: 93 Resp: 56861
Ion Ratio Lower Upper
93 100
63 95.4 74.8 114.8
95 31.5 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 51.808 ng
RT: 7.695 min Scan# 784
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:146 Resp: 60619
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
75 31.7 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 51.119 ng

RT: 7.842 min Scan# 809

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

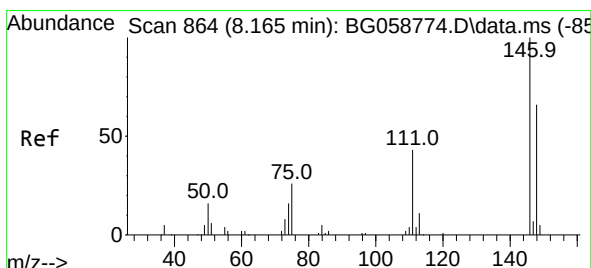
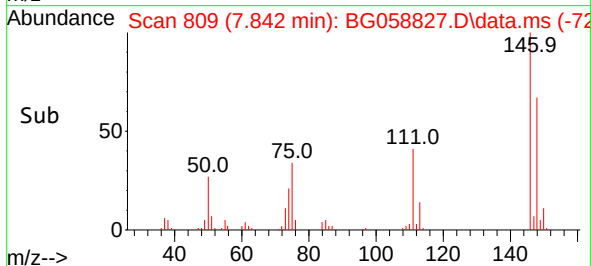
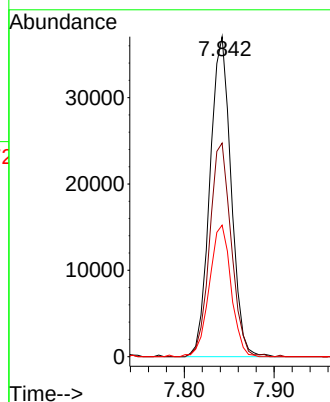
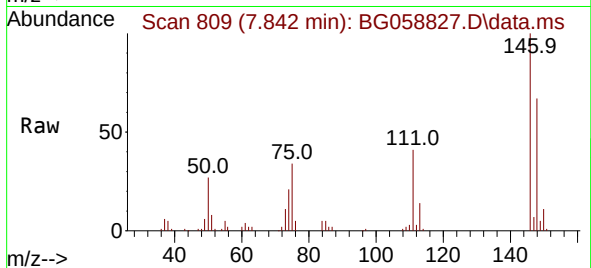
Tgt Ion:146 Resp: 60484

Ion Ratio Lower Upper

146 100

148 66.7 51.3 76.9

111 41.1 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 52.302 ng

RT: 8.159 min Scan# 863

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

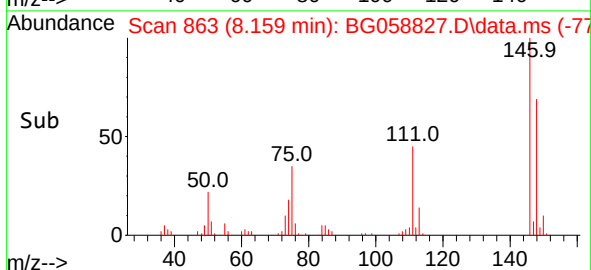
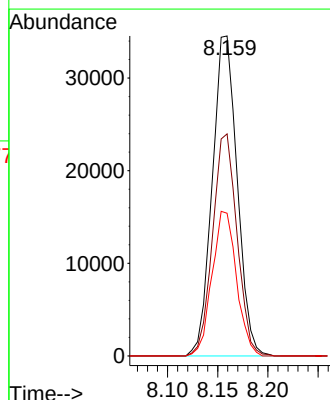
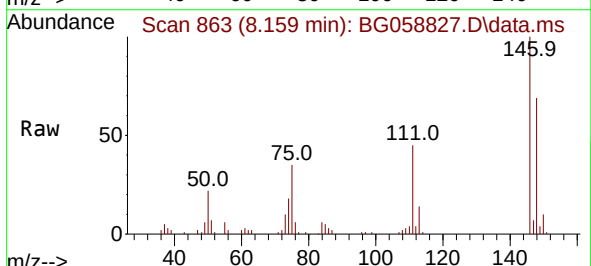
Tgt Ion:146 Resp: 59812

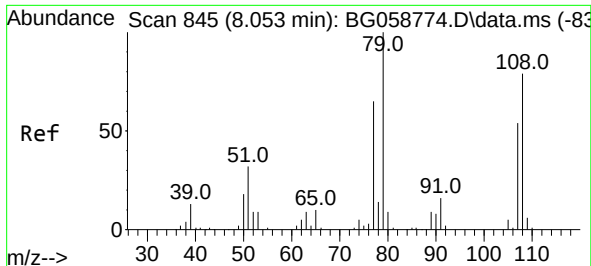
Ion Ratio Lower Upper

146 100

148 69.4 52.9 79.3

111 44.6 35.5 53.3

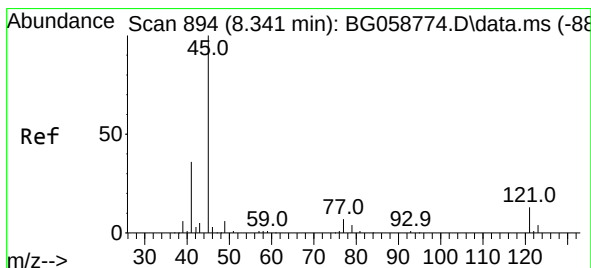
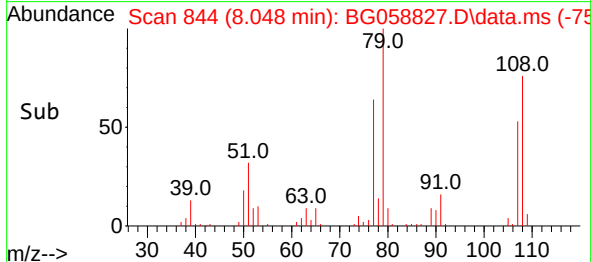
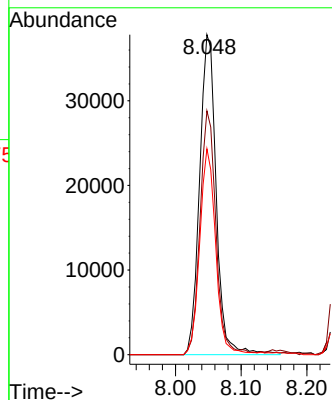
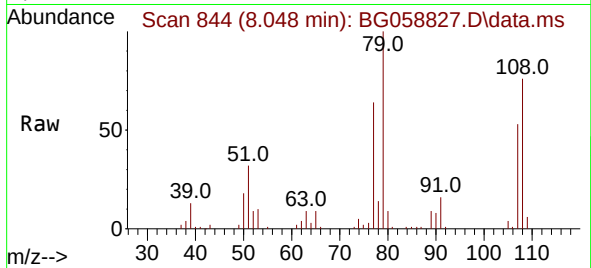




#15
Benzyl Alcohol
Concen: 61.070 ng
RT: 8.048 min Scan# 844
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

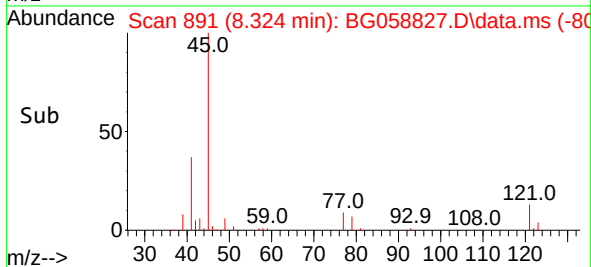
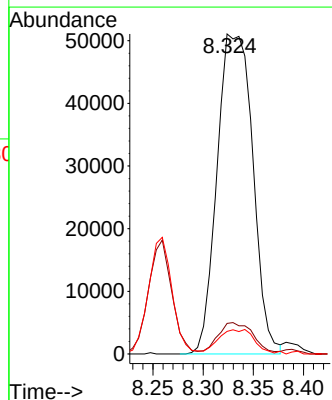
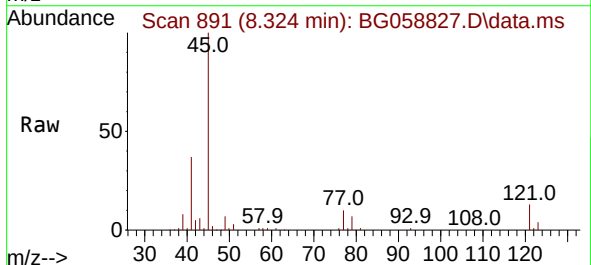
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

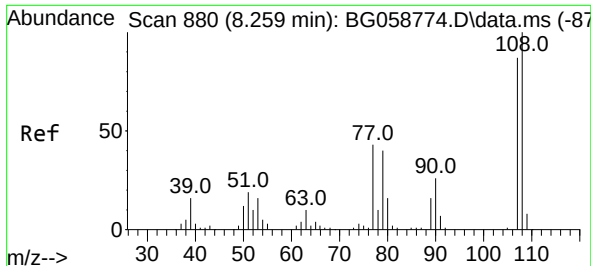
Tgt Ion:	79	Resp:	66740
Ion Ratio	Lower	Upper	
79	100		
108	76.2	63.4	95.0
77	64.4	52.2	78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.583 ng
RT: 8.324 min Scan# 891
Delta R.T. -0.017 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:	45	Resp:	126429
Ion Ratio	Lower	Upper	
45	100		
77	9.6	0.0	30.3
79	7.1	0.0	27.7

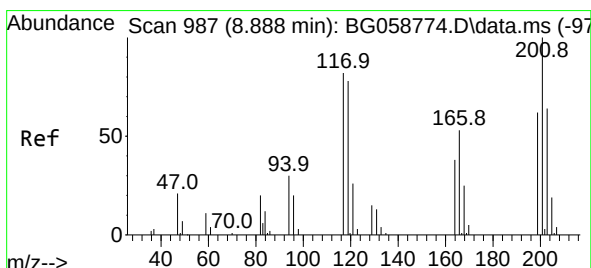
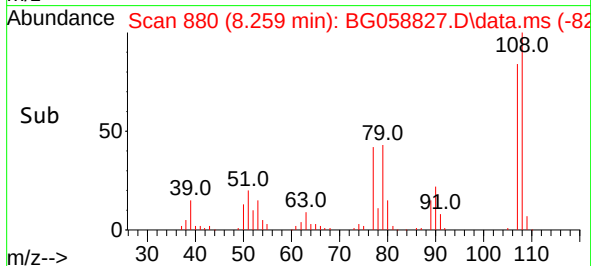
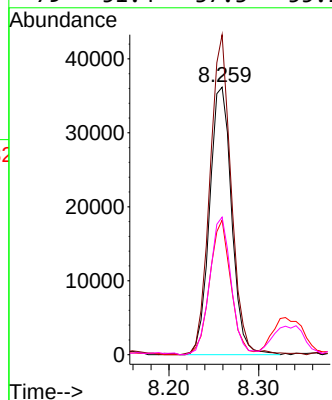
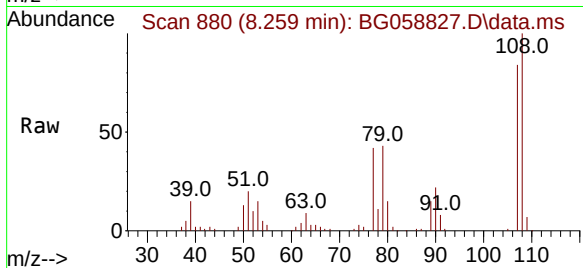




#17
2-Methylphenol
Concen: 56.968 ng
RT: 8.259 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

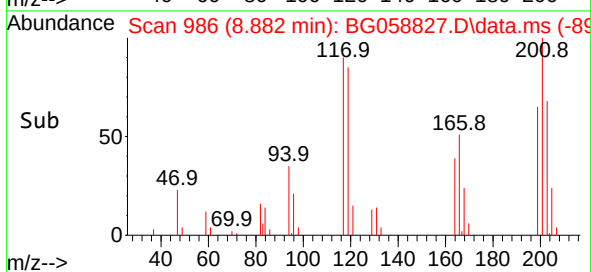
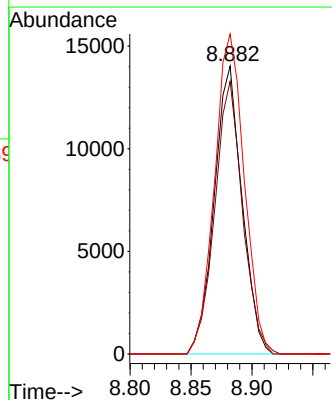
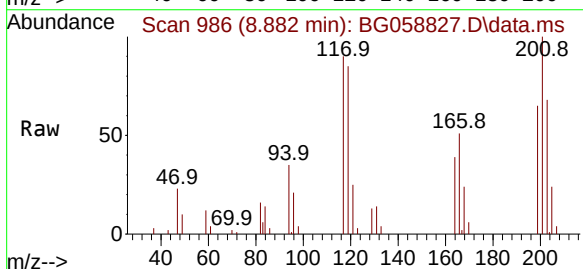
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

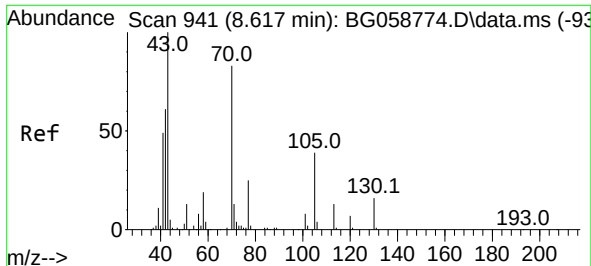
Tgt Ion:	107	Resp:	61670
Ion	Ratio	Lower	Upper
107	100		
108	119.6	92.2	138.2
77	50.3	40.0	60.0
79	51.4	37.3	55.9



#18
Hexachloroethane
Concen: 51.650 ng
RT: 8.882 min Scan# 986
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:	117	Resp:	22266
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.6	115.0
201	111.2	97.0	145.6

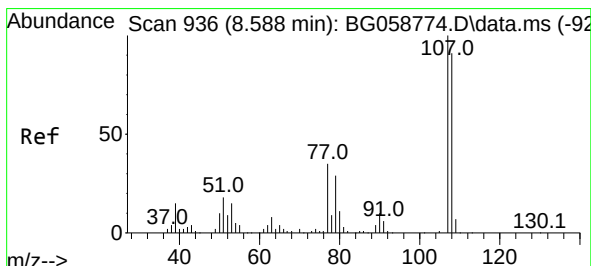
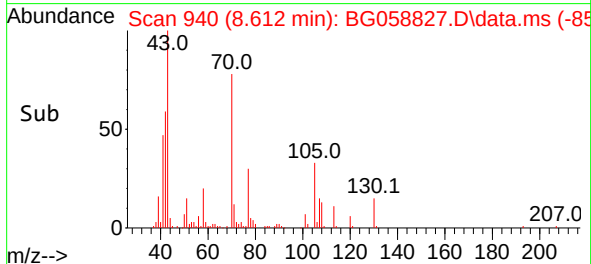
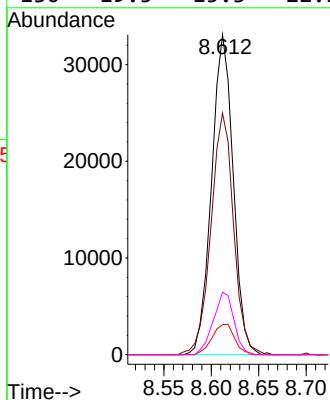
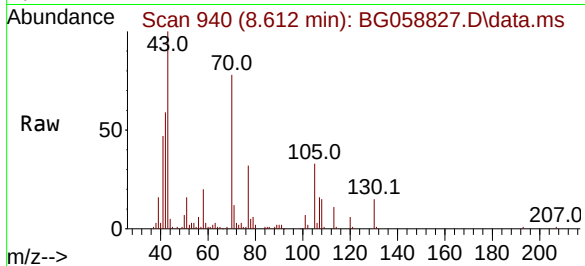




#19
n-Nitroso-di-n-propylamine
Concen: 53.098 ng
RT: 8.612 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

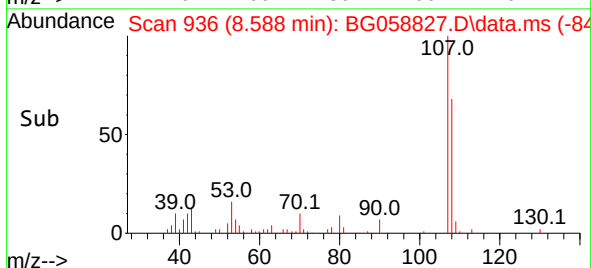
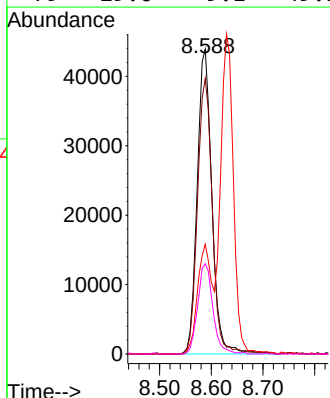
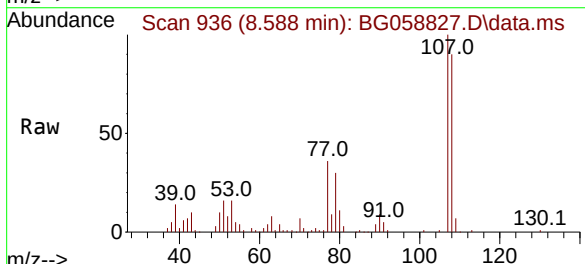
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

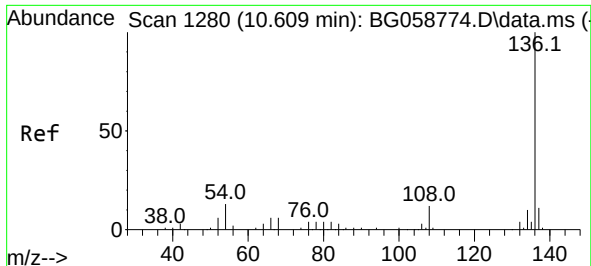
Tgt Ion:	70	Resp:	52463
Ion	Ratio	Lower	Upper
70	100		
42	75.5	59.2	88.8
101	9.3	8.2	12.2
130	19.5	15.3	22.9



#20
3+4-Methylphenols
Concen: 59.539 ng
RT: 8.588 min Scan# 936
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:	107	Resp:	86654
Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.6	110.6
77	36.0	14.8	54.8
79	29.6	9.1	49.1

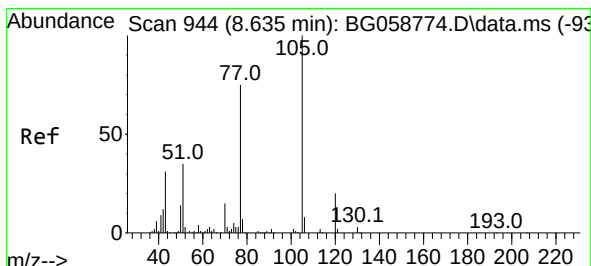
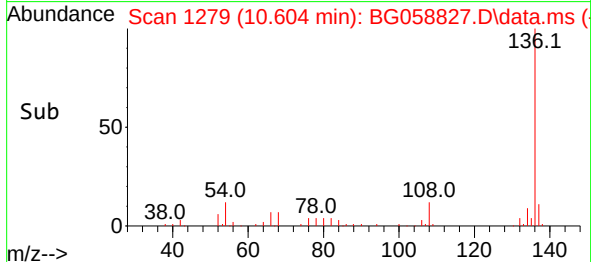
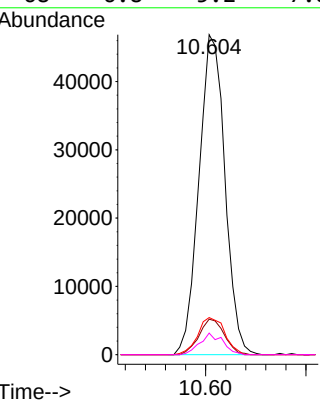
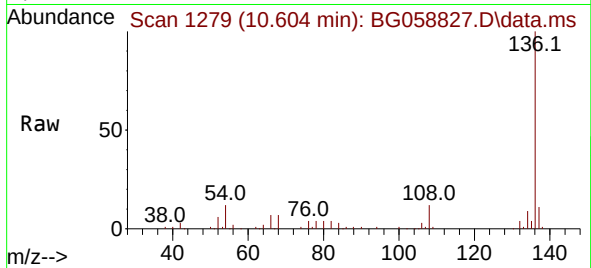




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

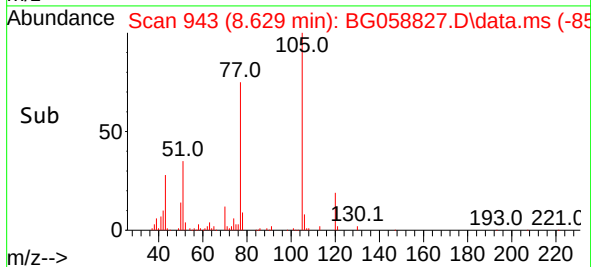
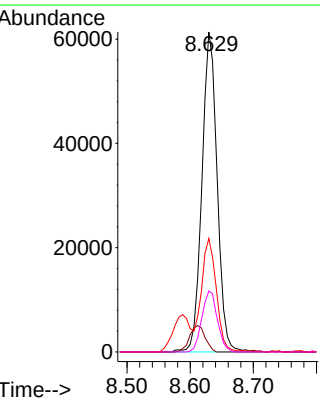
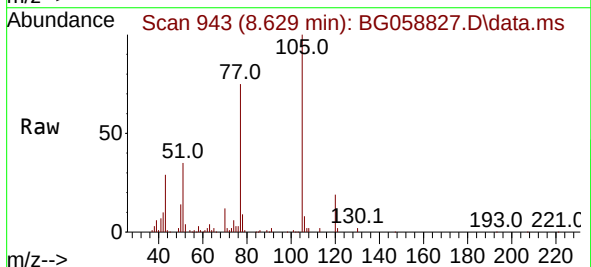
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

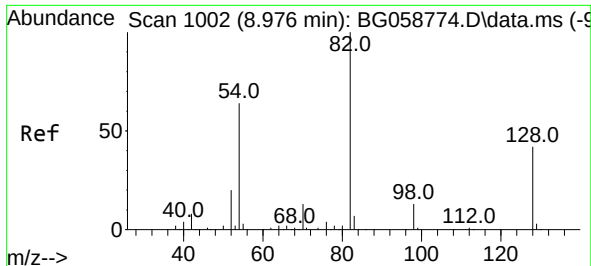
Tgt Ion:	136	Resp:	84055
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	11.6	10.1	15.1
68	6.8	5.2	7.8



#22
Acetophenone
Concen: 45.088 ng
RT: 8.629 min Scan# 943
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:	105	Resp:	102591
Ion Ratio	Lower	Upper	
105	100		
71	2.4	2.2	3.2
51	35.4	28.5	42.7
120	19.0	15.6	23.4

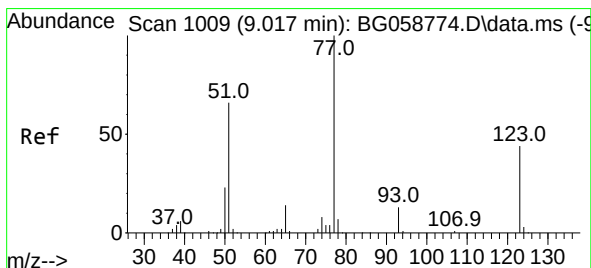
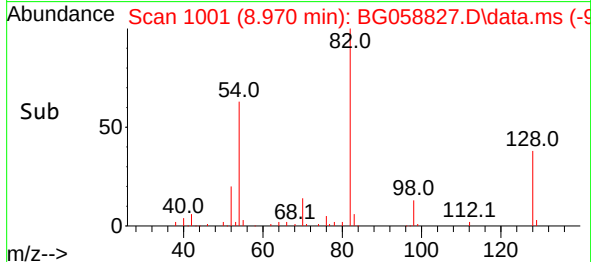
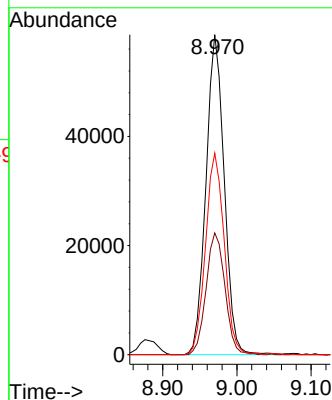
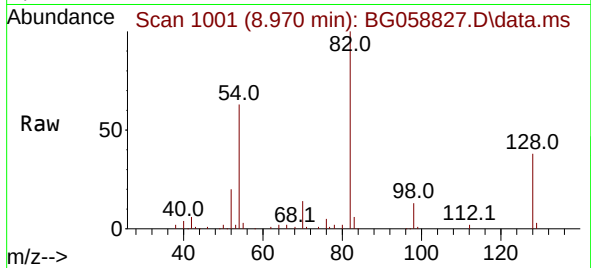




#23
Nitrobenzene-d5
Concen: 57.496 ng
RT: 8.970 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

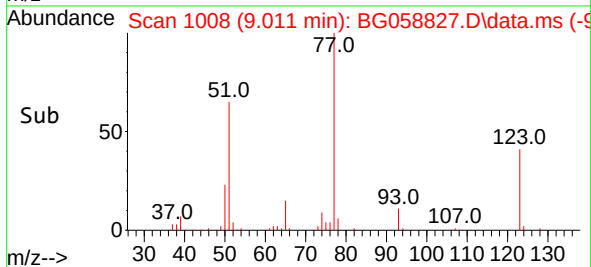
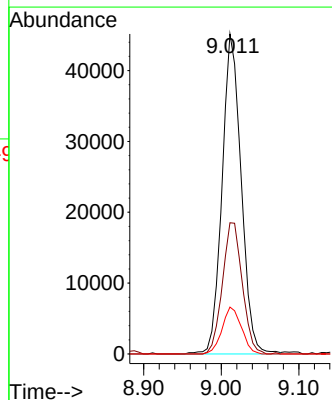
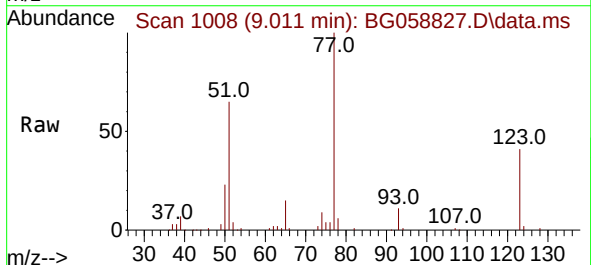
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

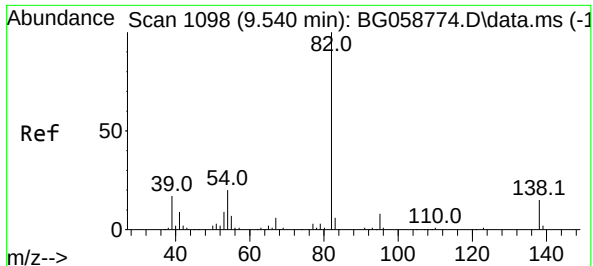
Tgt Ion: 82 Resp: 100521
Ion Ratio Lower Upper
82 100
128 38.1 33.2 49.8
54 63.0 51.2 76.8



#24
Nitrobenzene
Concen: 44.465 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion: 77 Resp: 77318
Ion Ratio Lower Upper
77 100
123 41.0 34.9 52.3
65 14.7 10.9 16.3

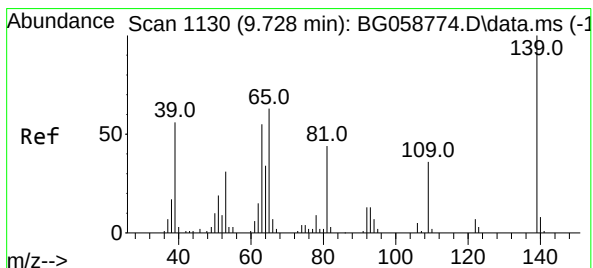
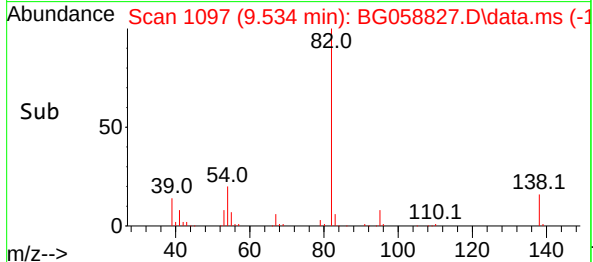
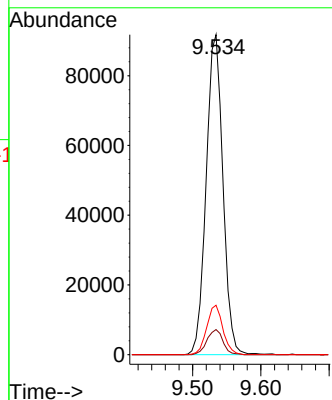
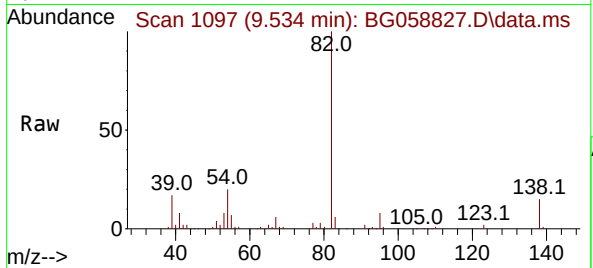




#25
Isophorone
Concen: 45.052 ng
RT: 9.534 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

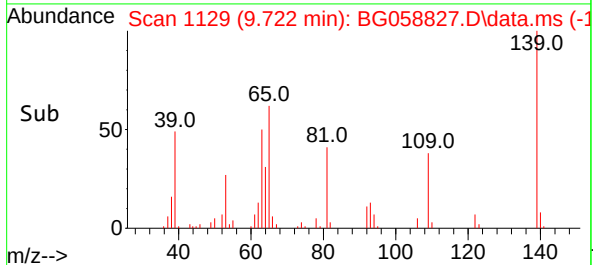
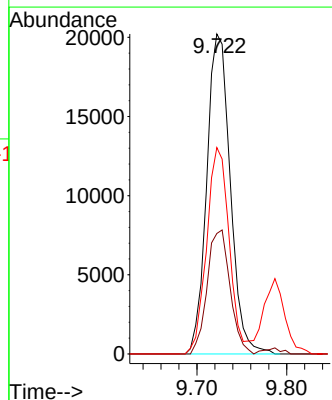
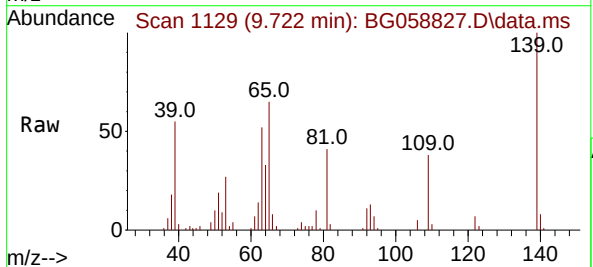
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

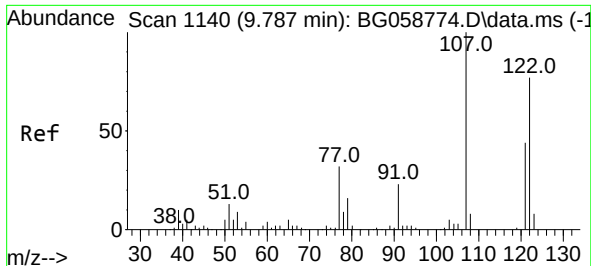
Tgt Ion: 82 Resp: 156638
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 15.4 12.2 18.4



#26
2-Nitrophenol
Concen: 50.556 ng
RT: 9.722 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:139 Resp: 36767
Ion Ratio Lower Upper
139 100
109 37.7 28.7 43.1
65 64.5 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 52.274 ng

RT: 9.787 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

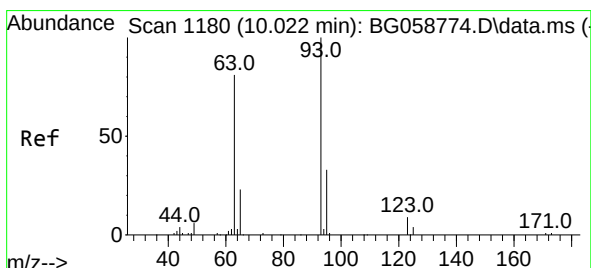
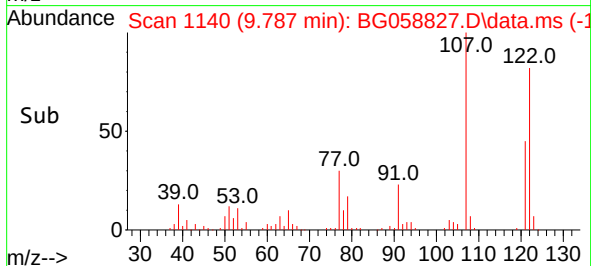
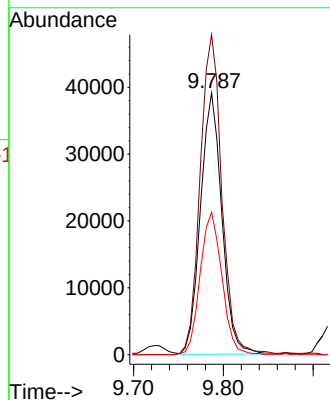
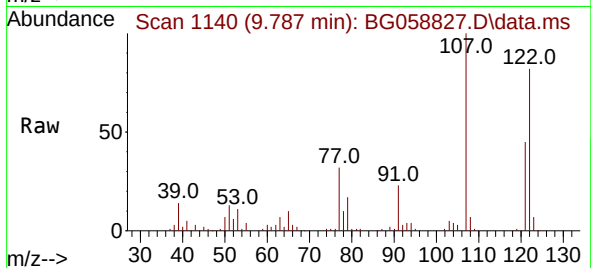
Tgt Ion:122 Resp: 64429

Ion Ratio Lower Upper

122 100

107 122.2 102.6 154.0

121 54.4 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 46.949 ng

RT: 10.016 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

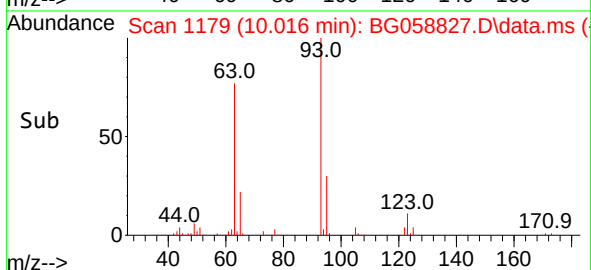
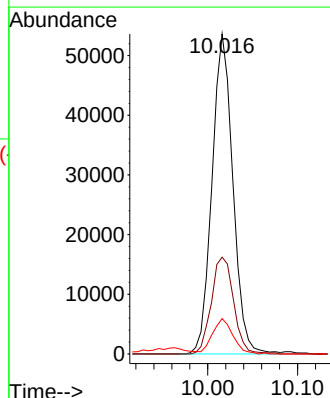
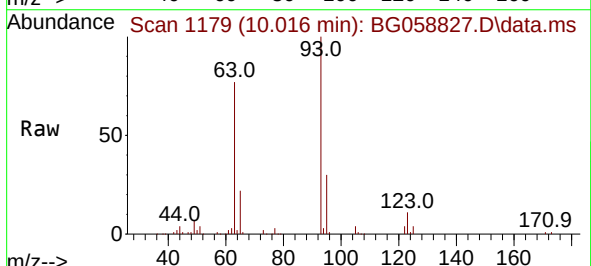
Tgt Ion: 93 Resp: 86464

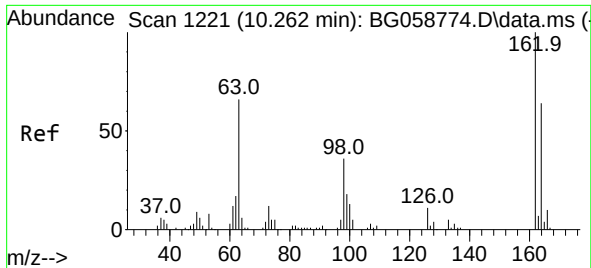
Ion Ratio Lower Upper

93 100

95 30.3 26.2 39.4

123 11.1 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 56.704 ng

RT: 10.263 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

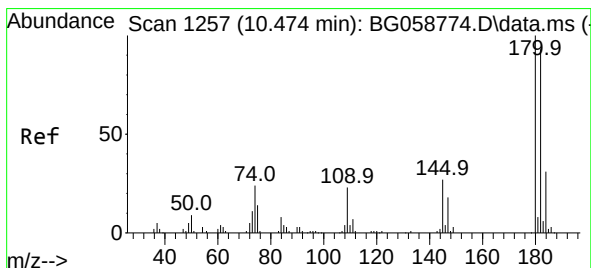
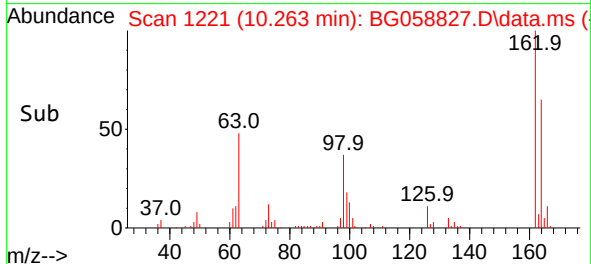
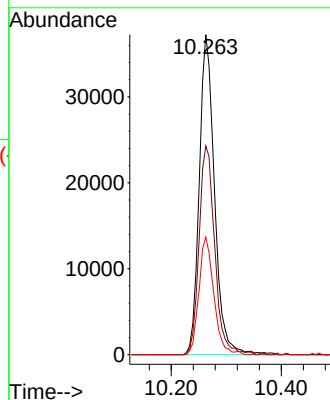
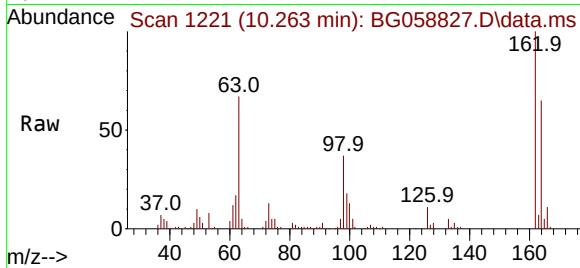
Tgt Ion:162 Resp: 71817

Ion Ratio Lower Upper

162 100

164 65.2 44.4 84.4

98 36.7 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 46.427 ng

RT: 10.468 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

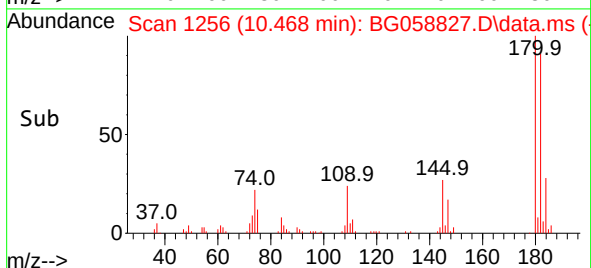
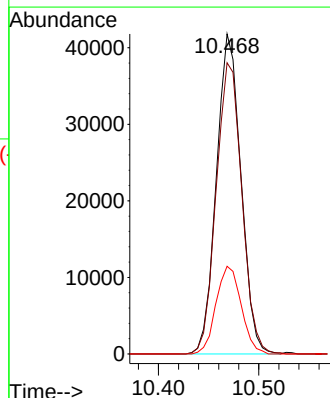
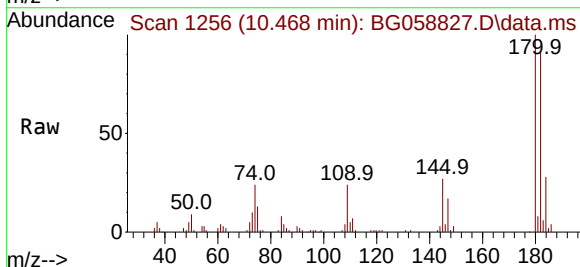
Tgt Ion:180 Resp: 71006

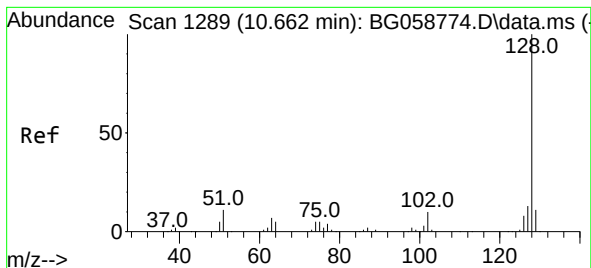
Ion Ratio Lower Upper

180 100

182 91.0 74.6 112.0

145 27.4 21.4 32.0





#31

Naphthalene

Concen: 45.790 ng

RT: 10.656 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

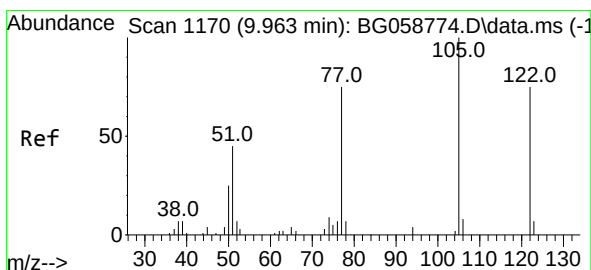
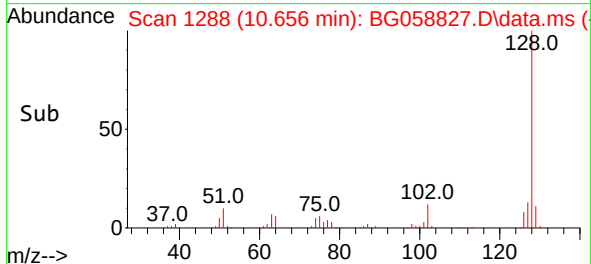
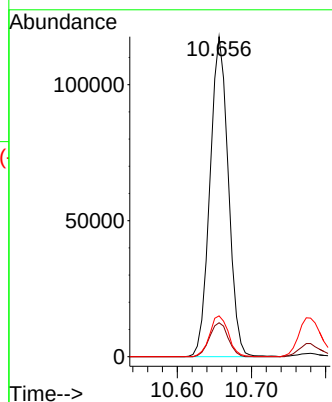
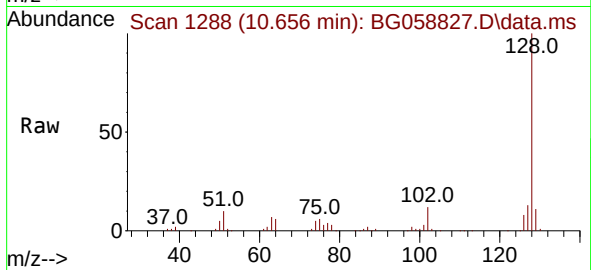
Tgt Ion:128 Resp: 202089

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 12.8 10.6 15.8



#32

Benzoic acid

Concen: 59.560 ng

RT: 9.963 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

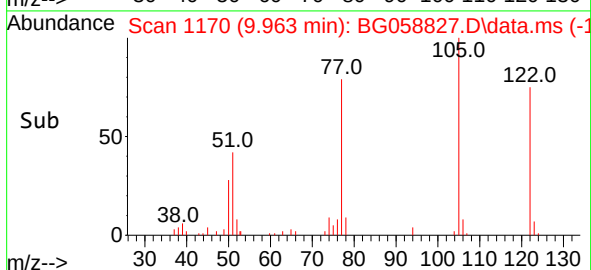
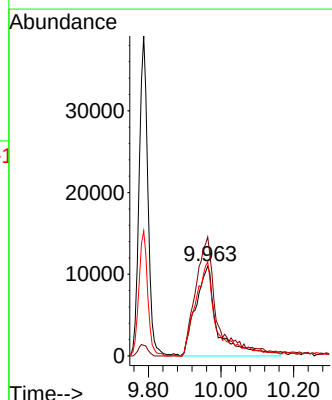
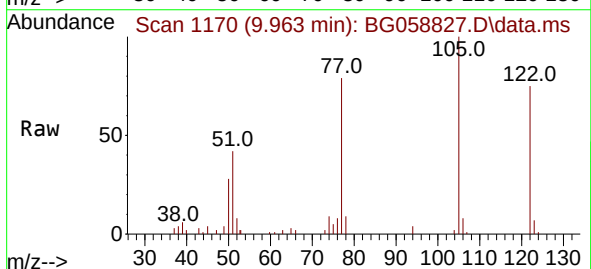
Tgt Ion:122 Resp: 46173

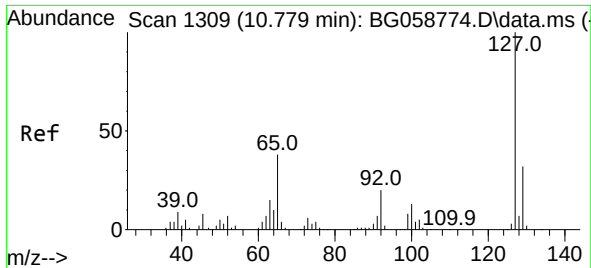
Ion Ratio Lower Upper

122 100

105 132.5 113.6 153.6

77 104.9 79.7 119.7

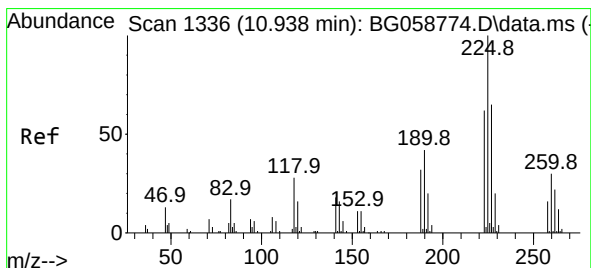
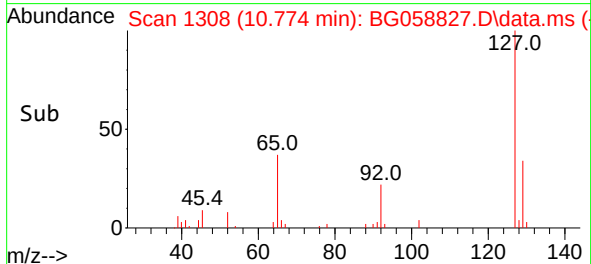
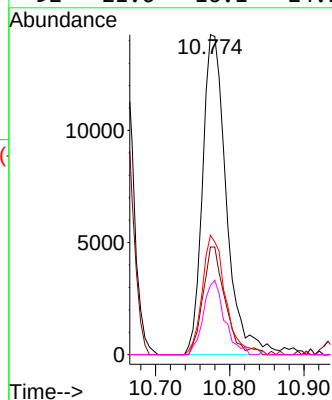
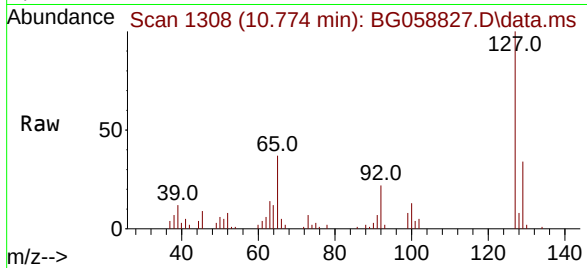




#33
4-Chloroaniline
Concen: 17.176 ng
RT: 10.774 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

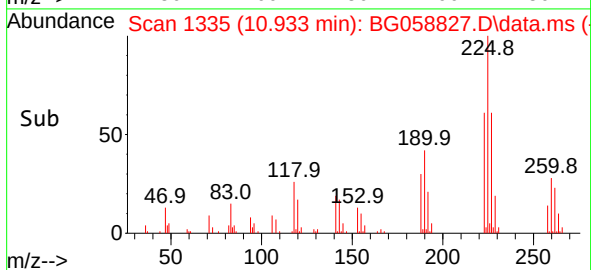
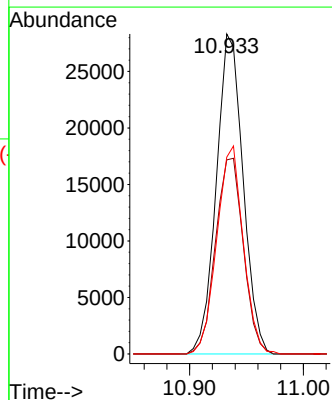
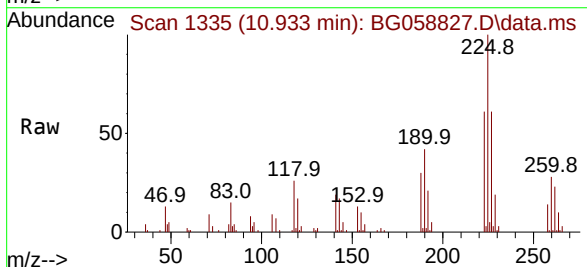
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

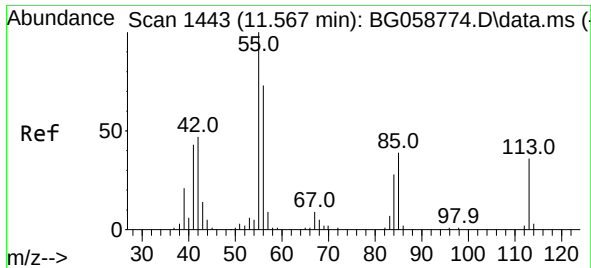
Tgt Ion:	127	Resp:	31970
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.2	37.8
65	37.3	30.5	45.7
92	21.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.865 ng
RT: 10.933 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:	225	Resp:	46310
Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.9	74.9
227	61.5	51.6	77.4

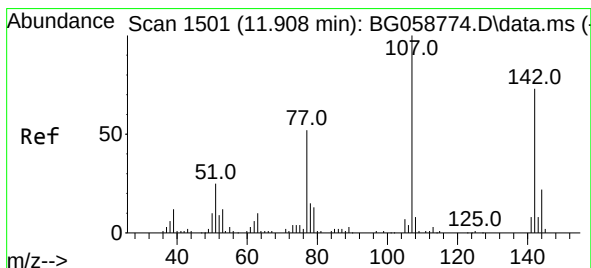
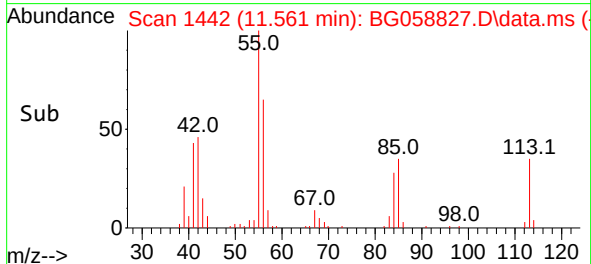
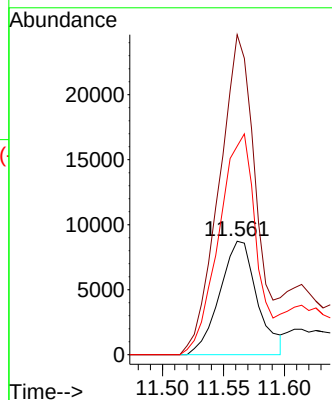
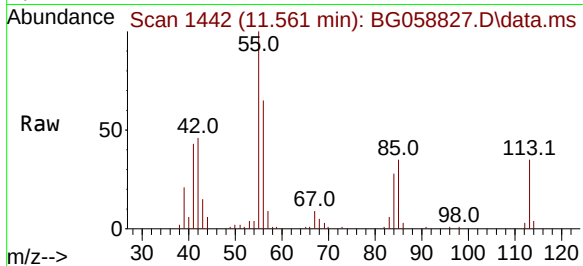




#35
Caprolactam
Concen: 41.213 ng
RT: 11.561 min Scan# 14
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

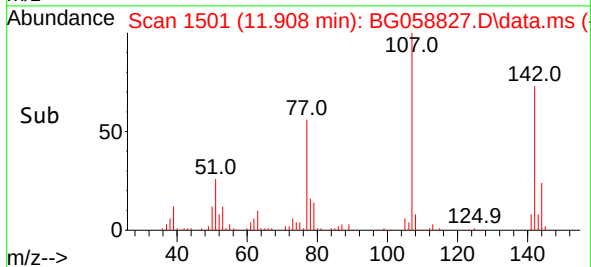
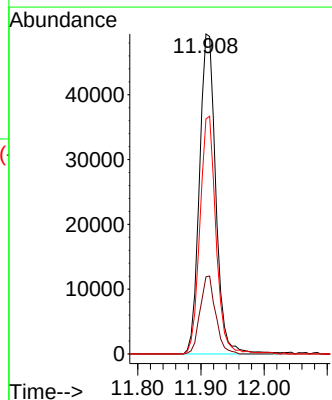
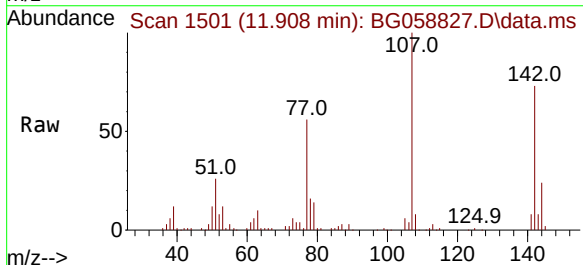
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

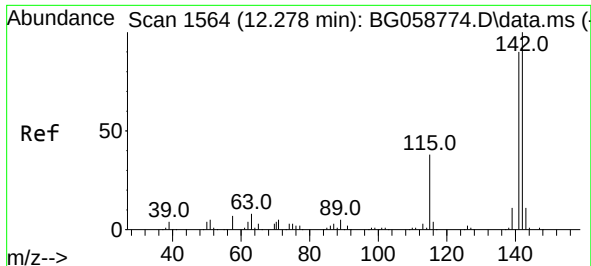
Tgt Ion:113 Resp: 18704
Ion Ratio Lower Upper
113 100
55 281.9 256.3 296.3
56 183.6 180.4 220.4



#36
4-Chloro-3-methylphenol
Concen: 56.242 ng
RT: 11.908 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:107 Resp: 88583
Ion Ratio Lower Upper
107 100
144 24.1 17.9 26.9
142 73.4 58.5 87.7

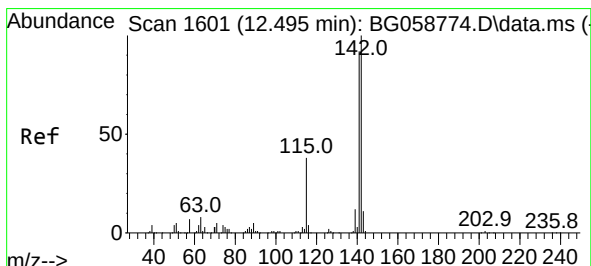
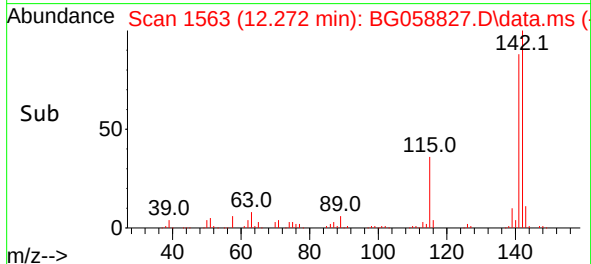
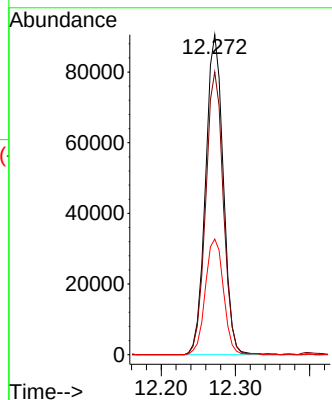
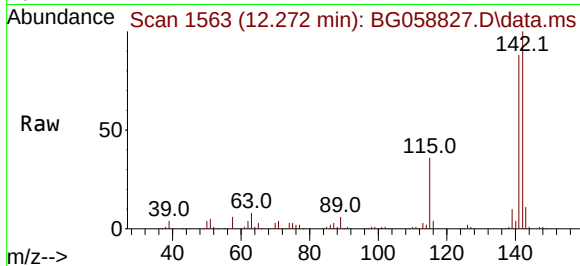




#37
2-Methylnaphthalene
Concen: 47.368 ng
RT: 12.272 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

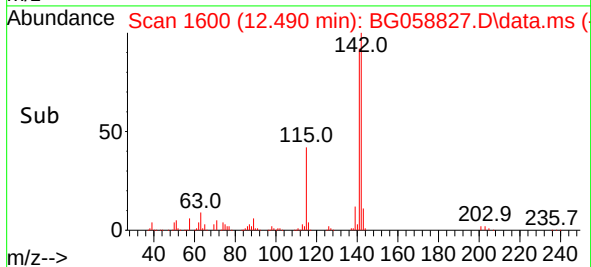
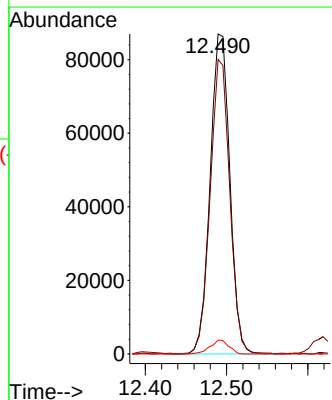
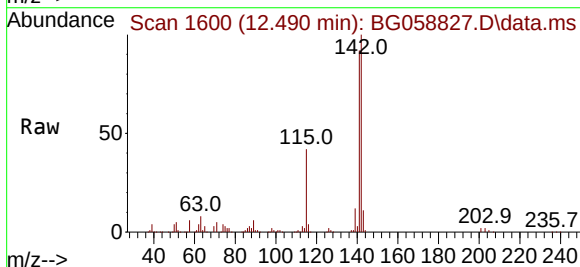
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

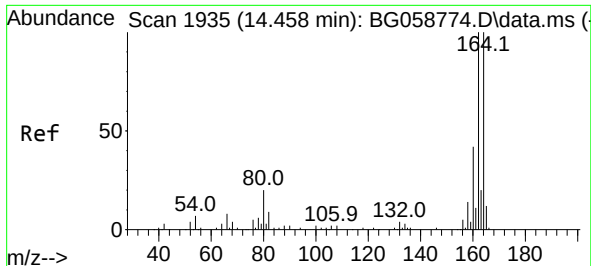
Tgt Ion:142 Resp: 150150
Ion Ratio Lower Upper
142 100
141 88.4 71.8 107.8
115 36.2 30.6 45.8



#38
1-Methylnaphthalene
Concen: 48.587 ng
RT: 12.490 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:142 Resp: 146198
Ion Ratio Lower Upper
142 100
141 92.0 73.9 110.9
116 4.3 3.2 4.8

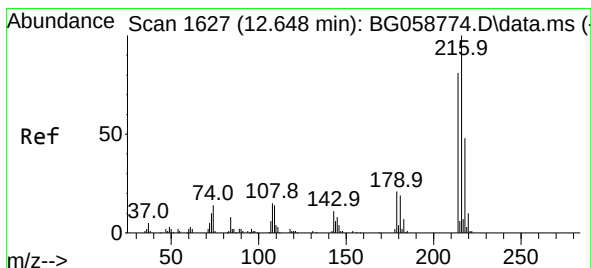
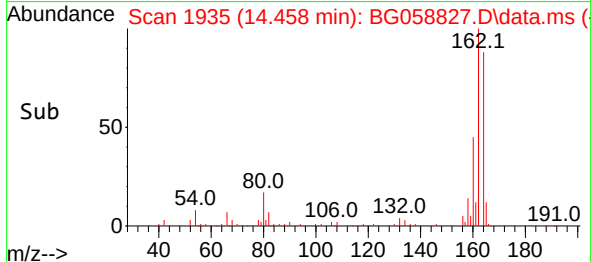
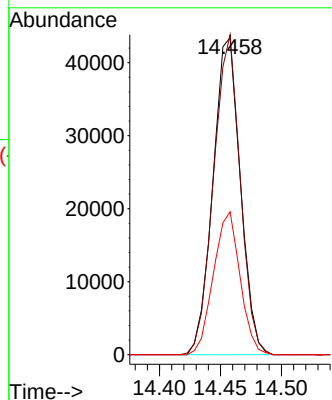
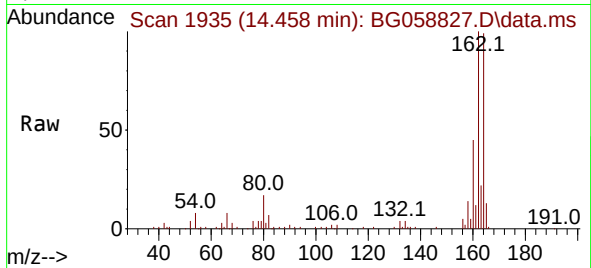




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

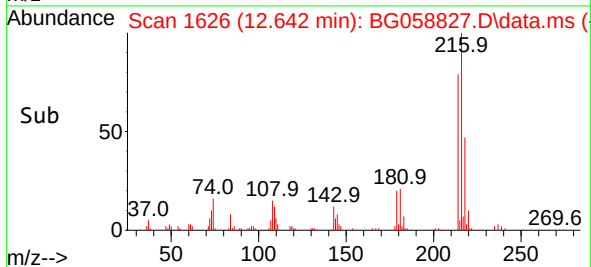
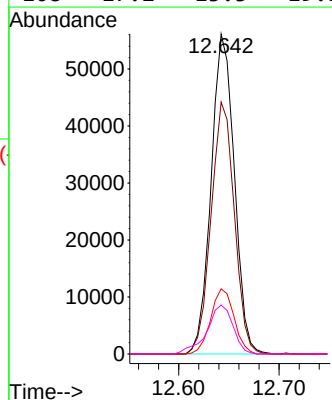
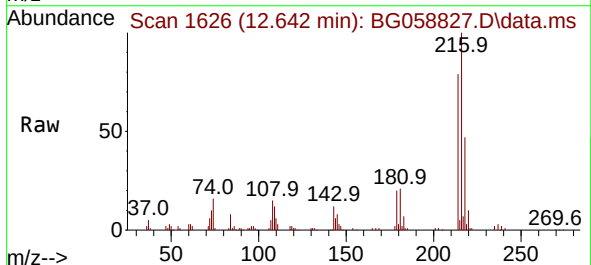
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

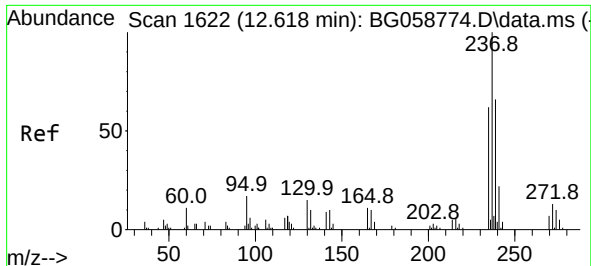
Tgt Ion:164 Resp: 67870
Ion Ratio Lower Upper
164 100
162 100.9 79.6 119.4
160 45.1 34.0 51.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.062 ng
RT: 12.642 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

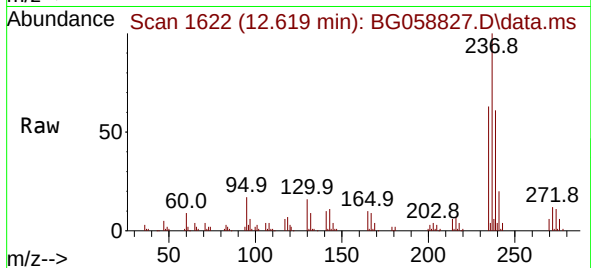
Tgt Ion:216 Resp: 90101
Ion Ratio Lower Upper
216 100
214 79.0 64.0 96.0
179 20.4 16.2 24.4
108 17.2 13.3 19.9



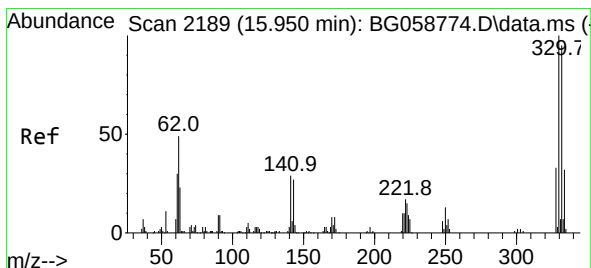
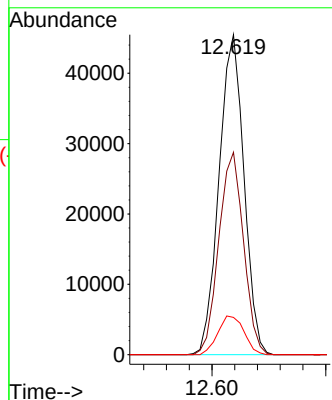
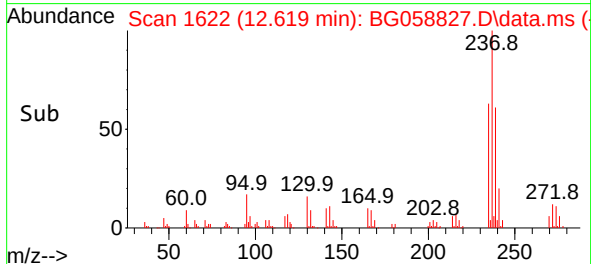


#41
Hexachlorocyclopentadiene
Concen: 83.608 ng
RT: 12.619 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

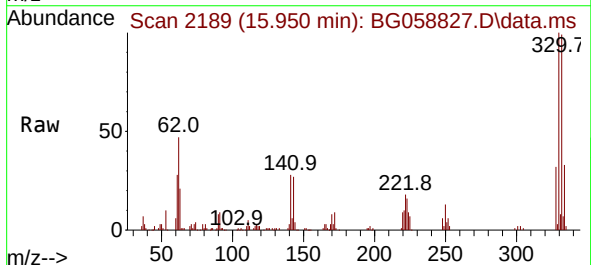
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



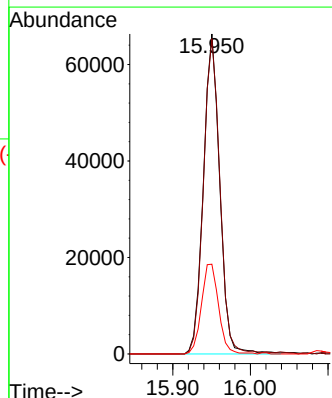
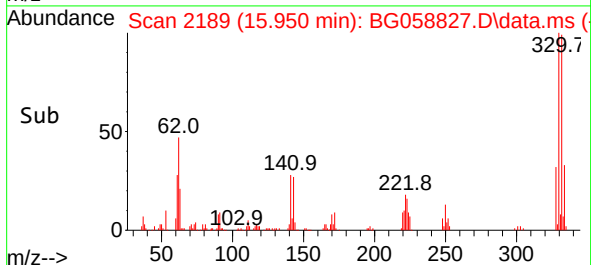
Tgt Ion:237 Resp: 69186
Ion Ratio Lower Upper
237 100
235 63.2 41.5 81.5
272 11.7 0.0 32.5

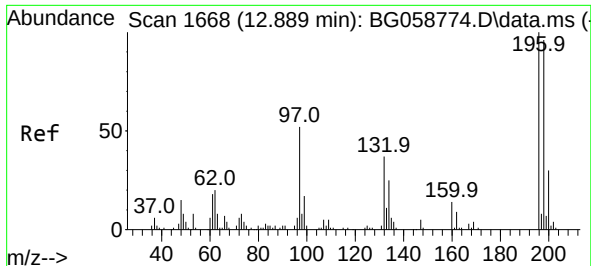


#42
2,4,6-Tribromophenol
Concen: 91.239 ng
RT: 15.950 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



Tgt Ion:330 Resp: 97096
Ion Ratio Lower Upper
330 100
332 98.9 78.5 117.7
141 29.4 23.0 34.6

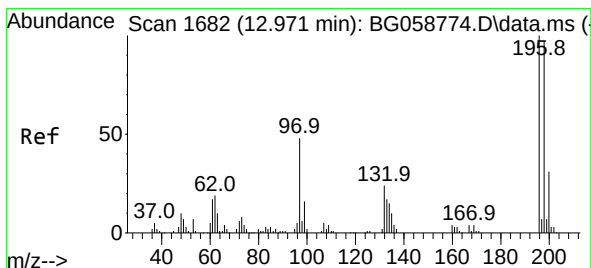
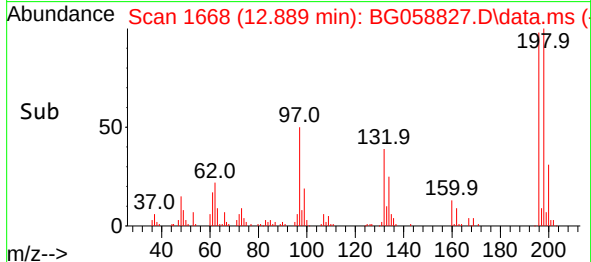
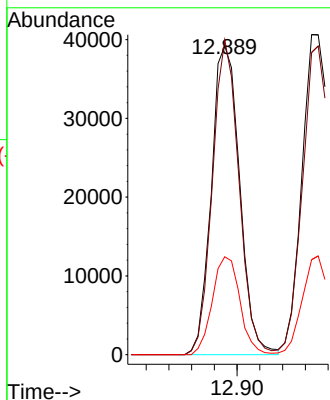
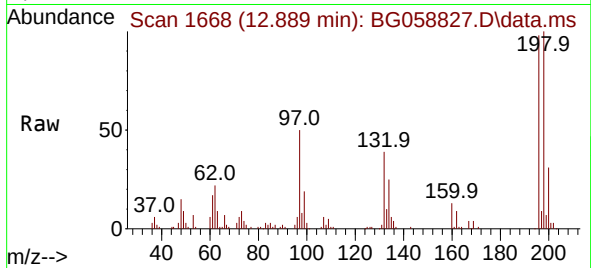




#43
 2,4,6-Trichlorophenol
 Concen: 50.926 ng
 RT: 12.889 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

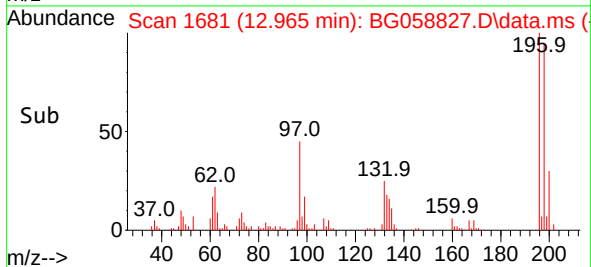
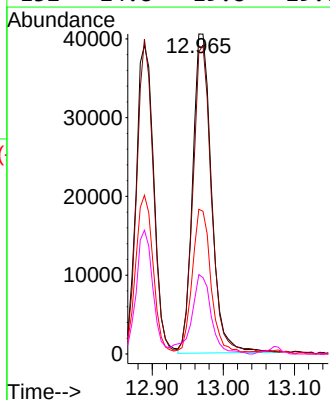
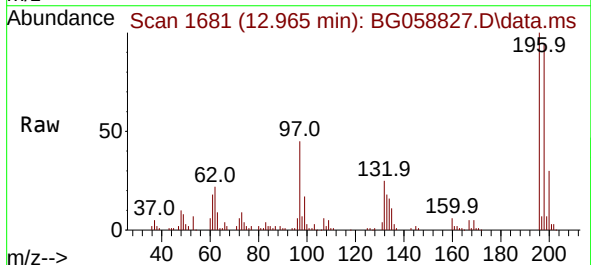
Instrument :
 BNA_G
 ClientSampleId :
 TP-04(1-2)MSD

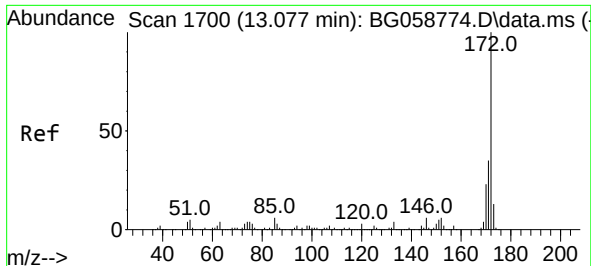
Tgt Ion:196 Resp: 67801
 Ion Ratio Lower Upper
 196 100
 198 102.0 77.0 115.4
 200 31.7 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 46.913 ng
 RT: 12.965 min Scan# 1681
 Delta R.T. -0.006 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

Tgt Ion:196 Resp: 74793
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.0 117.0
 97 45.2 38.7 58.1
 132 24.8 19.8 29.6

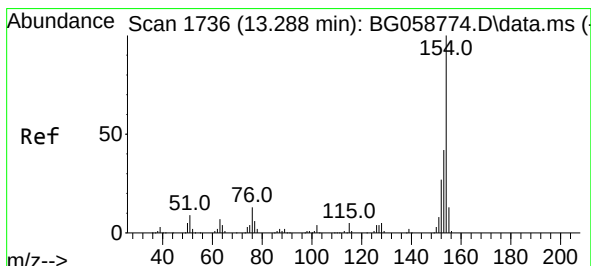
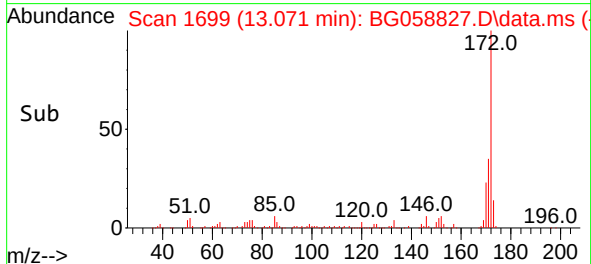
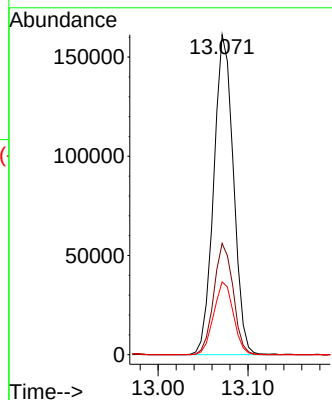
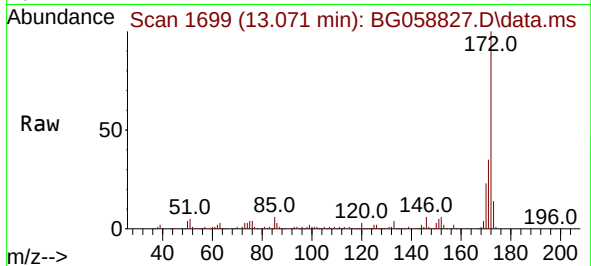




#45
2-Fluorobiphenyl
Concen: 52.613 ng
RT: 13.071 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

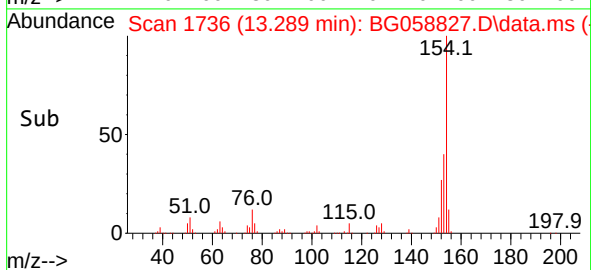
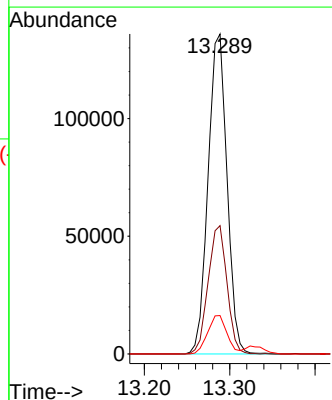
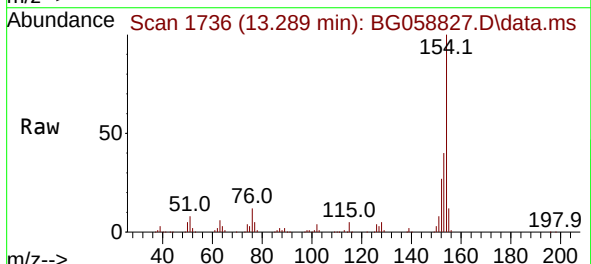
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

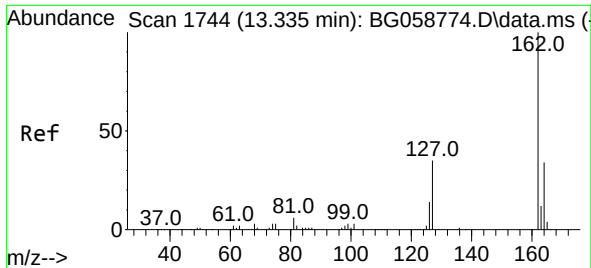
Tgt Ion:172 Resp: 245510
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 22.7 18.6 27.8



#46
1,1'-Biphenyl
Concen: 44.762 ng
RT: 13.289 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:154 Resp: 209284
Ion Ratio Lower Upper
154 100
153 40.1 21.7 61.7
76 12.0 0.0 33.2

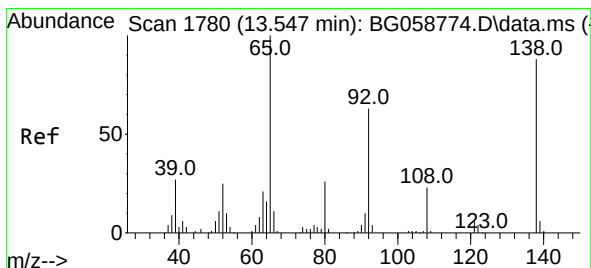
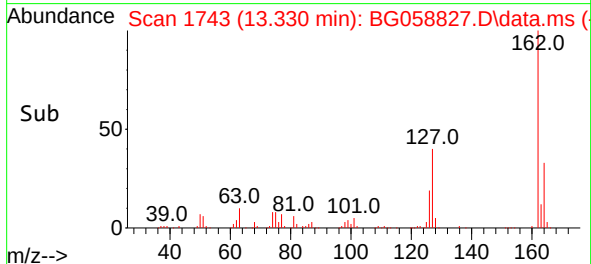
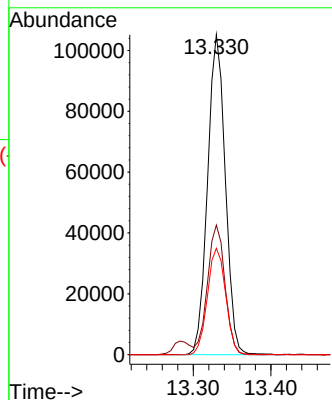
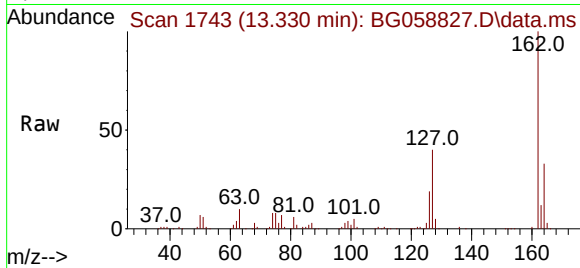




#47
2-Chloronaphthalene
Concen: 45.765 ng
RT: 13.330 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

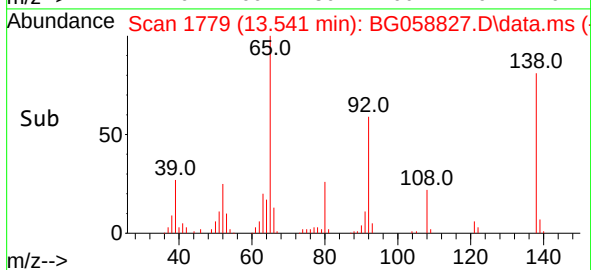
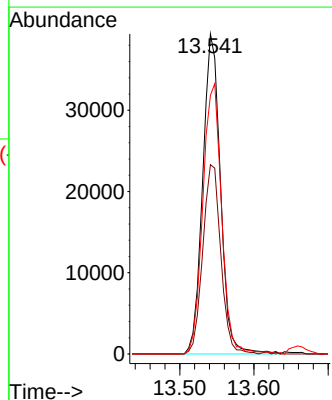
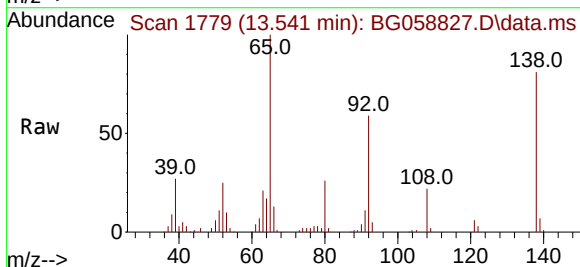
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

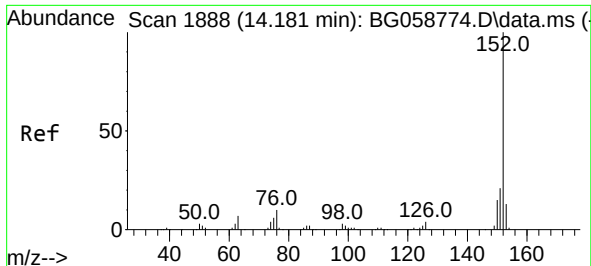
Tgt Ion:162 Resp: 166746
Ion Ratio Lower Upper
162 100
127 40.5 31.5 47.3
164 33.2 27.3 40.9



#48
2-Nitroaniline
Concen: 47.407 ng
RT: 13.541 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion: 65 Resp: 65602
Ion Ratio Lower Upper
65 100
92 59.1 50.7 76.1
138 80.8 70.7 106.1

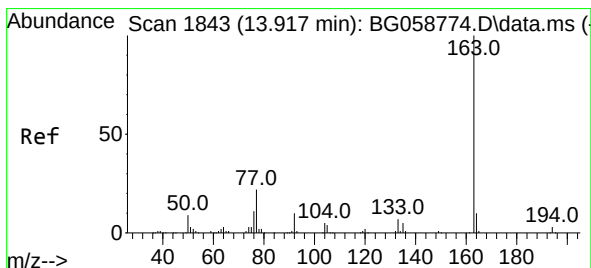
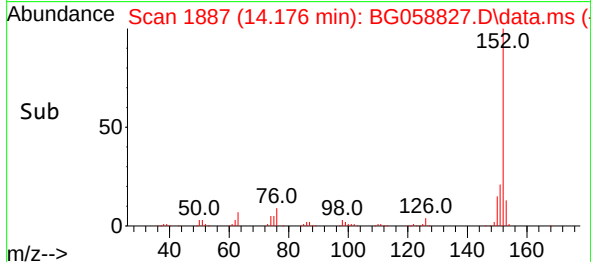
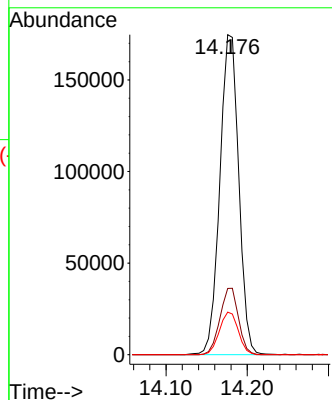
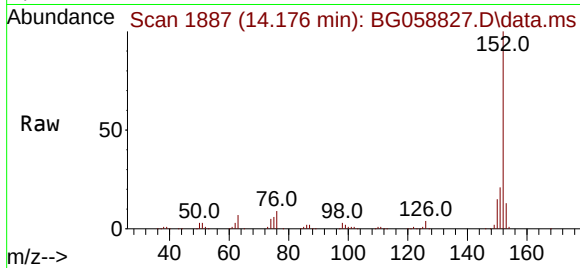




#49
Acenaphthylene
Concen: 46.807 ng
RT: 14.176 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

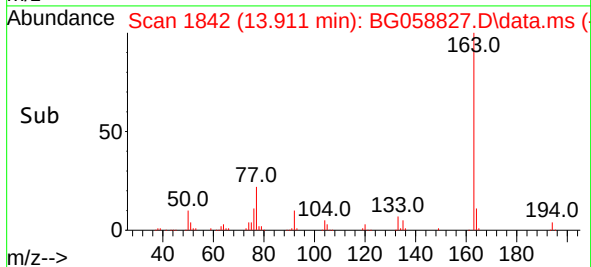
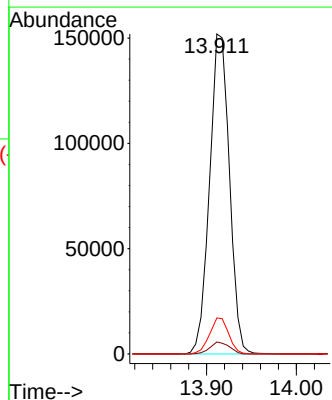
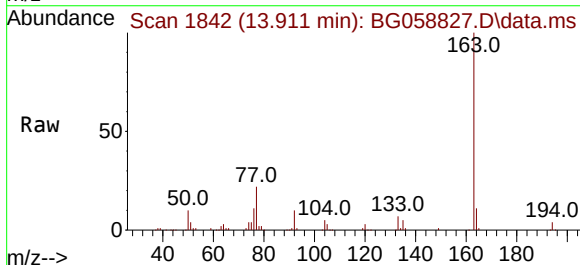
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

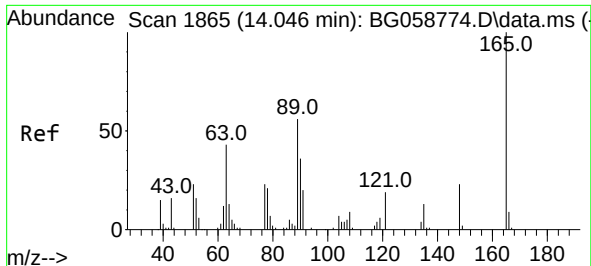
Tgt Ion:152 Resp: 282819
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 44.436 ng
RT: 13.911 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:163 Resp: 233513
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 11.3 8.3 12.5

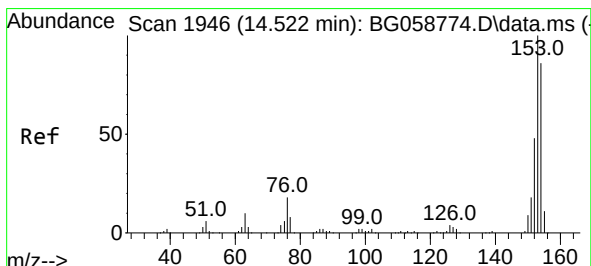
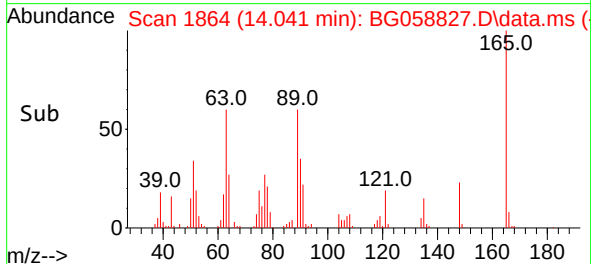
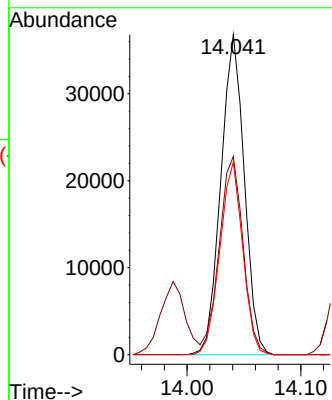
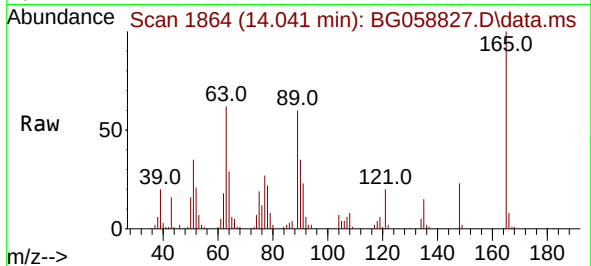




#51
2,6-Dinitrotoluene
Concen: 47.656 ng
RT: 14.041 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

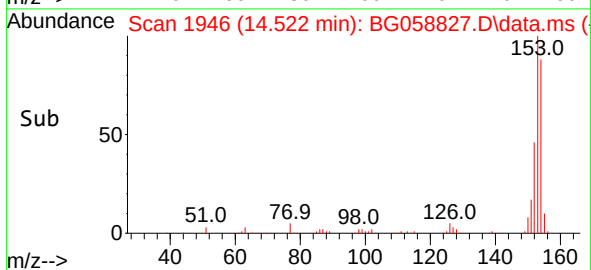
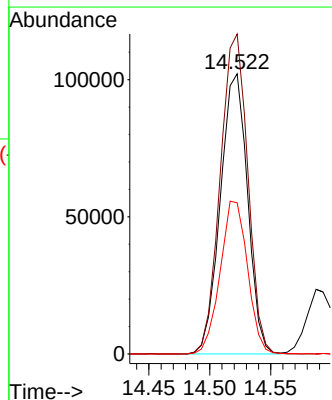
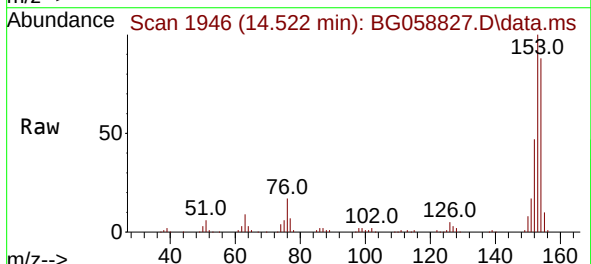
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

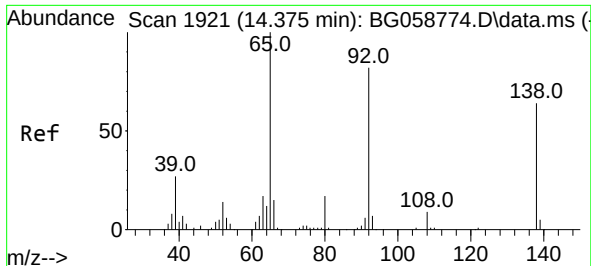
Tgt Ion:165 Resp: 52613
Ion Ratio Lower Upper
165 100
63 61.9 47.2 70.8
89 60.1 45.0 67.4



#52
Acenaphthene
Concen: 45.014 ng
RT: 14.522 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:154 Resp: 158942
Ion Ratio Lower Upper
154 100
153 114.2 92.7 139.1
152 54.0 44.2 66.2

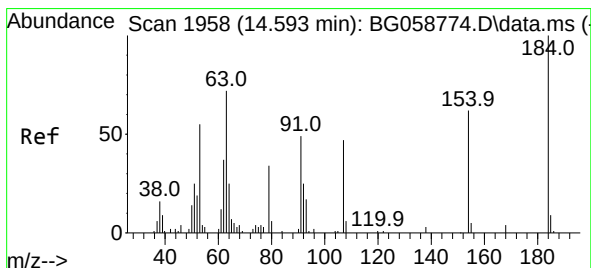
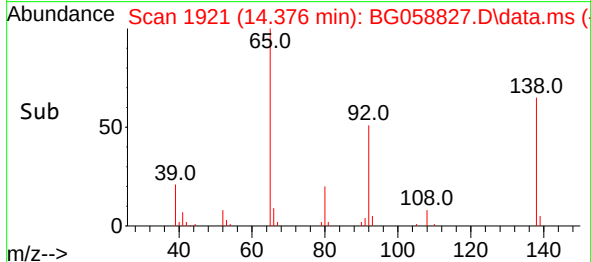
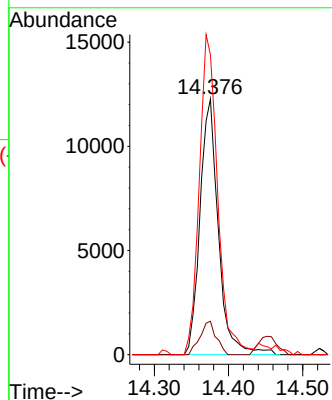
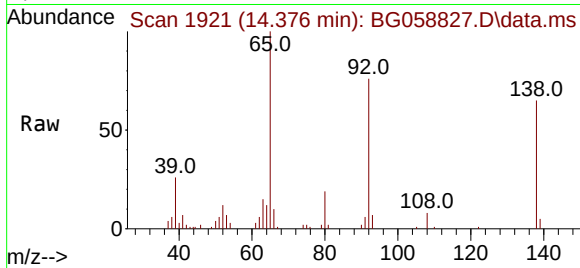




#53
3-Nitroaniline
Concen: 19.828 ng
RT: 14.376 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

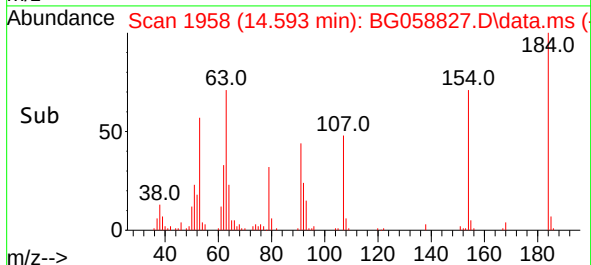
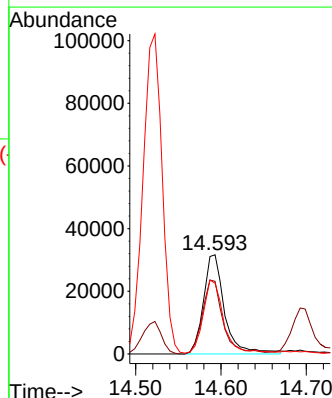
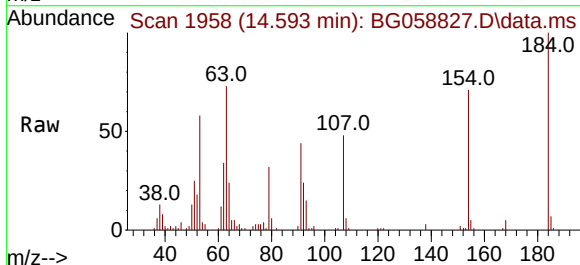
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

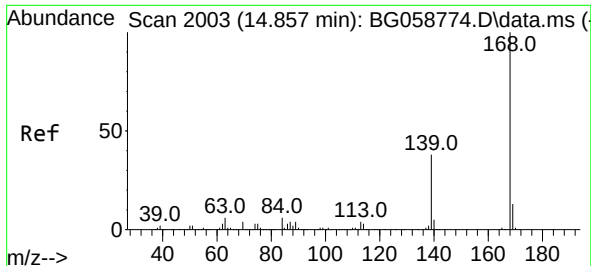
Tgt Ion:138 Resp: 21113
Ion Ratio Lower Upper
138 100
108 13.1 11.8 17.8
92 117.3 102.5 153.7



#54
2,4-Dinitrophenol
Concen: 87.441 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:184 Resp: 54387
Ion Ratio Lower Upper
184 100
63 73.3 57.7 86.5
154 71.3 51.8 77.6

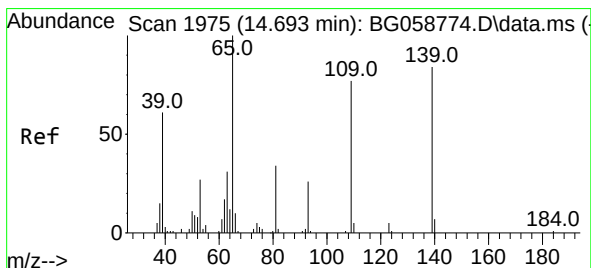
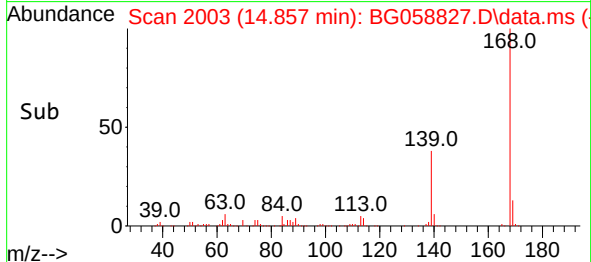
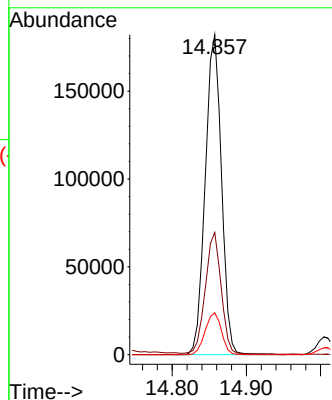
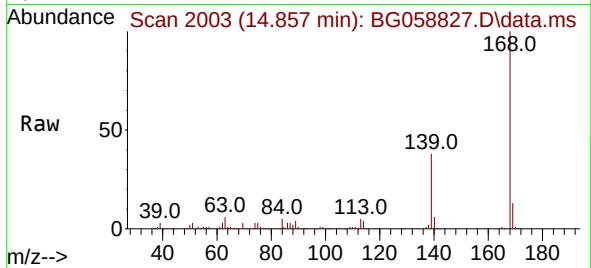




#55
Dibenzofuran
Concen: 45.416 ng
RT: 14.857 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

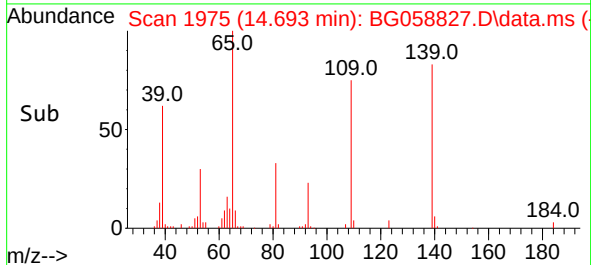
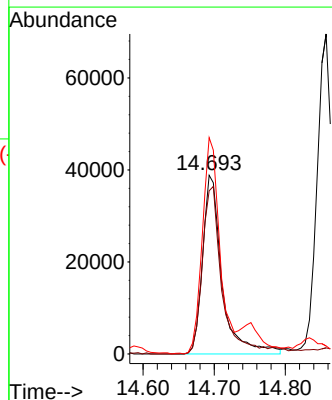
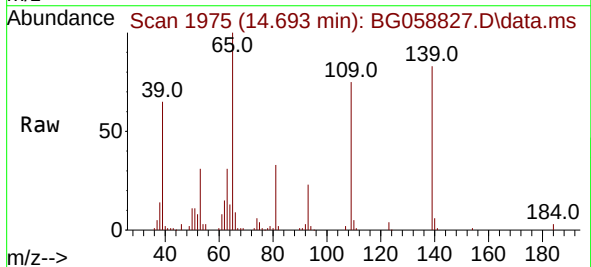
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

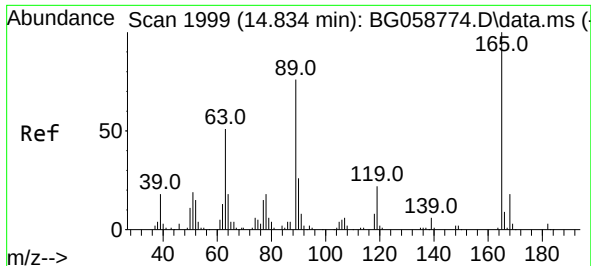
Tgt Ion:168 Resp: 276625
Ion Ratio Lower Upper
168 100
139 38.2 30.4 45.6
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 95.529 ng
RT: 14.693 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:139 Resp: 74293
Ion Ratio Lower Upper
139 100
109 91.3 71.9 111.9
65 121.0 100.7 140.7





#57

2,4-Dinitrotoluene

Concen: 48.527 ng

RT: 14.834 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

Tgt Ion:165 Resp: 74725

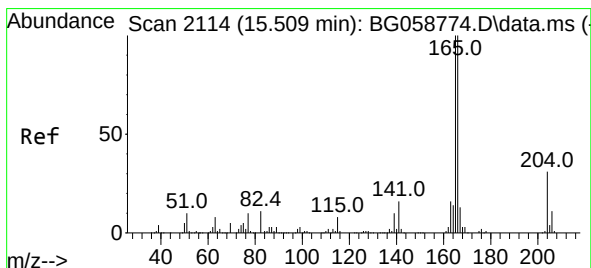
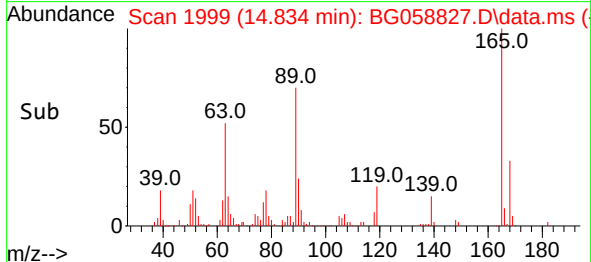
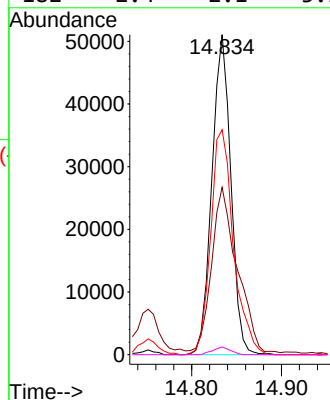
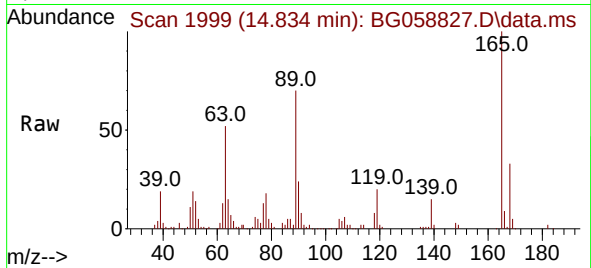
Ion Ratio Lower Upper

165 100

63 52.3 41.8 62.6

89 70.3 60.7 91.1

182 2.4 2.1 3.1



#58

Fluorene

Concen: 46.033 ng

RT: 15.504 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

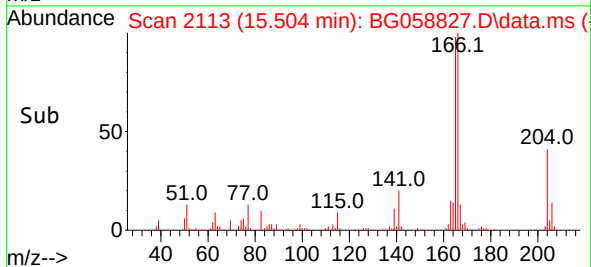
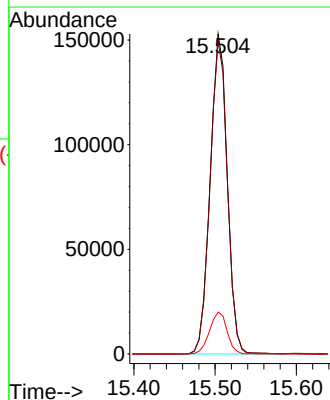
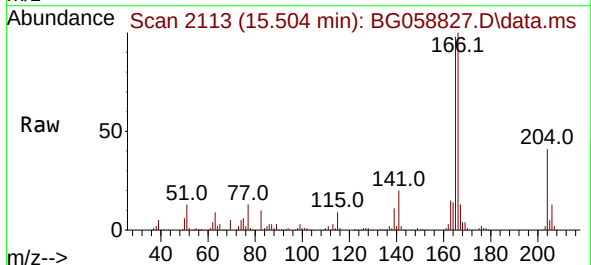
Tgt Ion:166 Resp: 223139

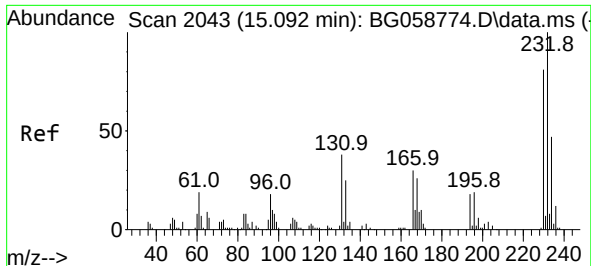
Ion Ratio Lower Upper

166 100

165 97.8 79.9 119.9

167 13.1 10.7 16.1

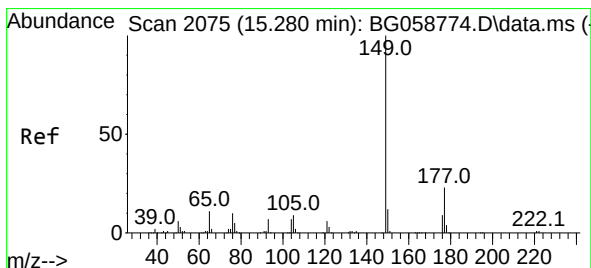
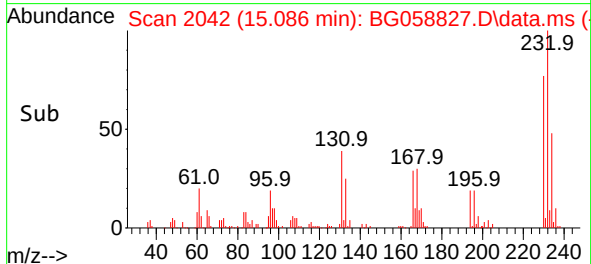
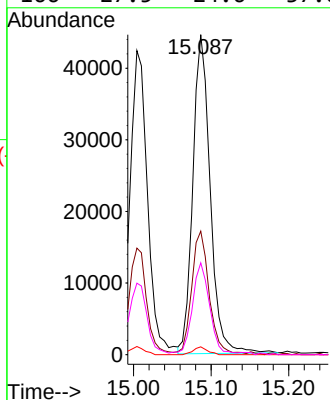
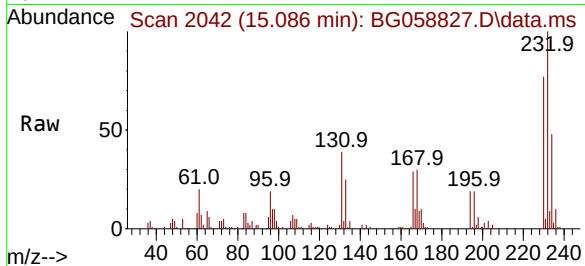




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.132 ng
RT: 15.086 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

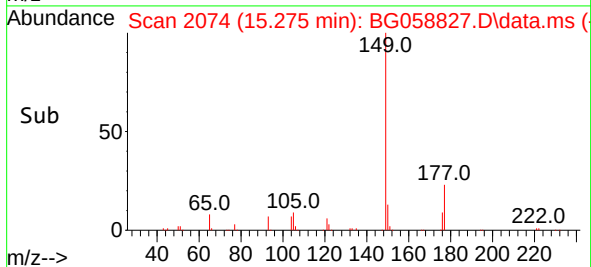
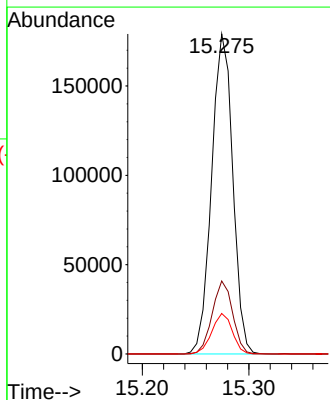
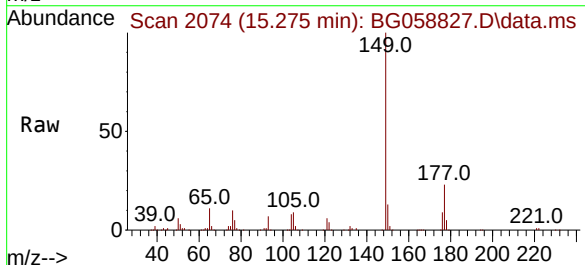
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

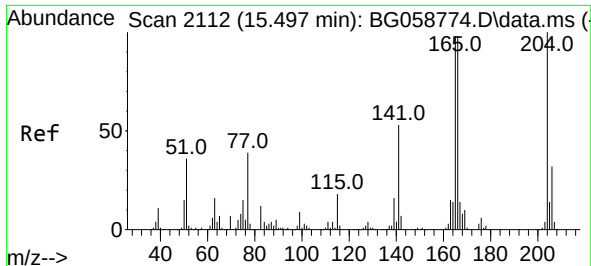
Tgt Ion:232 Resp: 69124
Ion Ratio Lower Upper
232 100
131 38.3 33.9 50.9
130 2.0 1.8 2.6
166 27.5 24.6 37.0



#60
Diethylphthalate
Concen: 45.504 ng
RT: 15.275 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:149 Resp: 246547
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.2
150 12.6 10.0 15.0

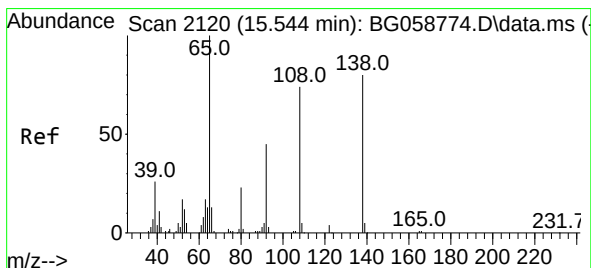
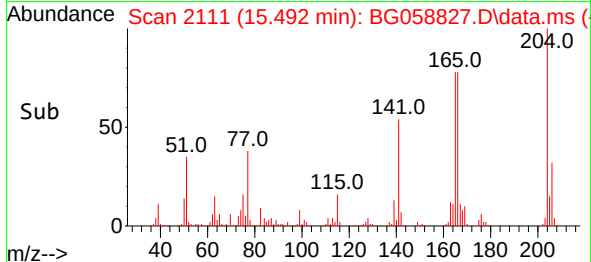
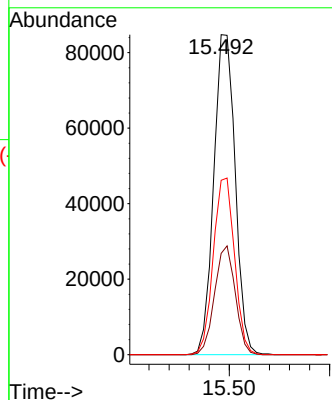
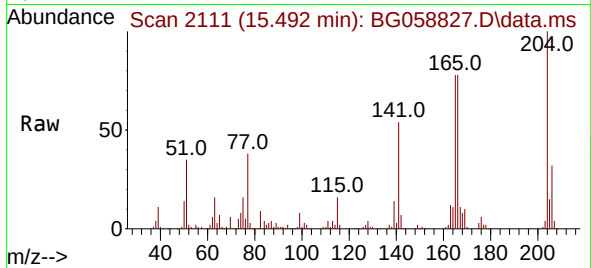




#61
4-Chlorophenyl-phenylether
Concen: 46.779 ng
RT: 15.492 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

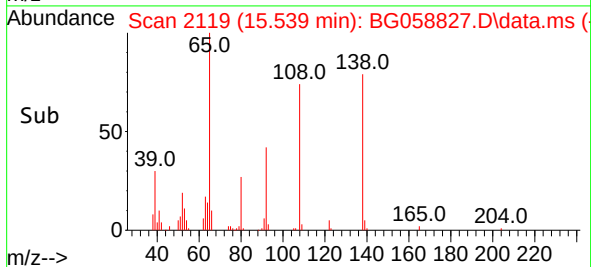
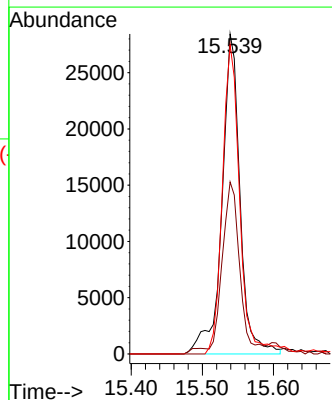
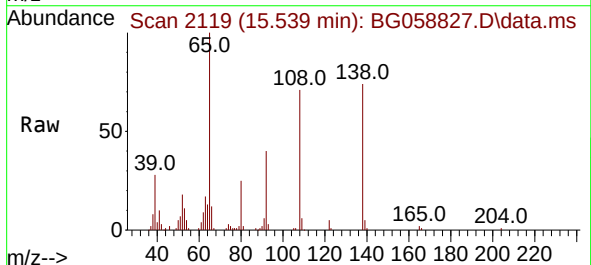
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

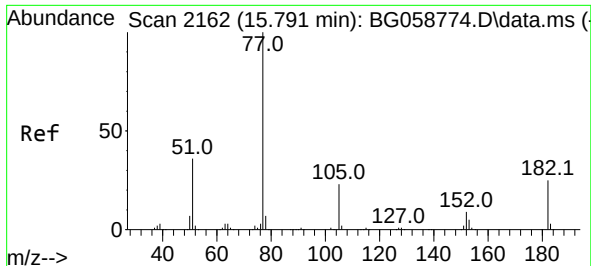
Tgt Ion:204 Resp: 125682
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 54.5 42.3 63.5



#62
4-Nitroaniline
Concen: 46.319 ng
RT: 15.539 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:138 Resp: 50052
Ion Ratio Lower Upper
138 100
92 53.7 36.4 76.4
108 96.6 72.2 112.2

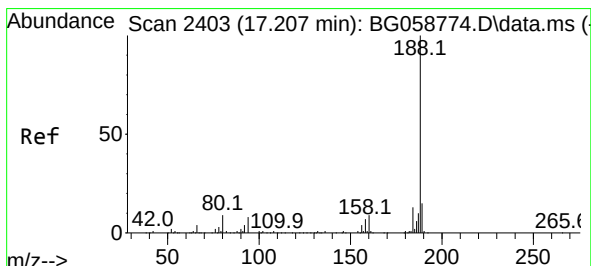
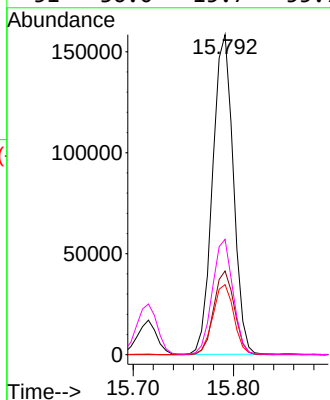
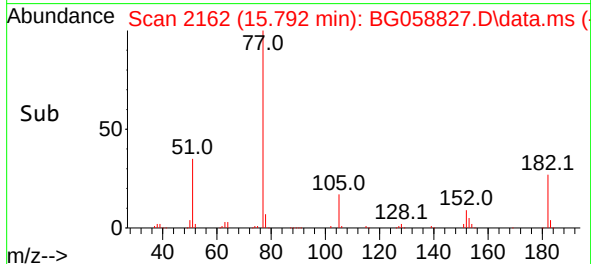
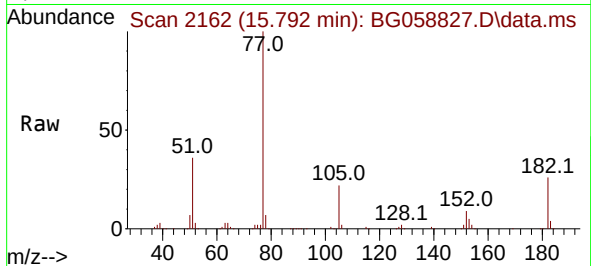




#63
 Azobenzene
 Concen: 45.555 ng
 RT: 15.792 min Scan# 2162
 Delta R.T. 0.000 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

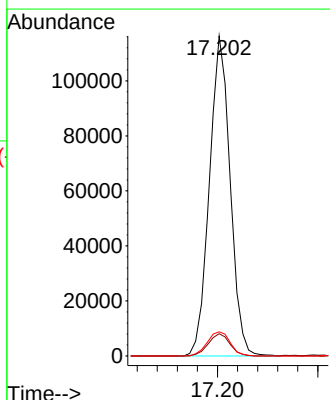
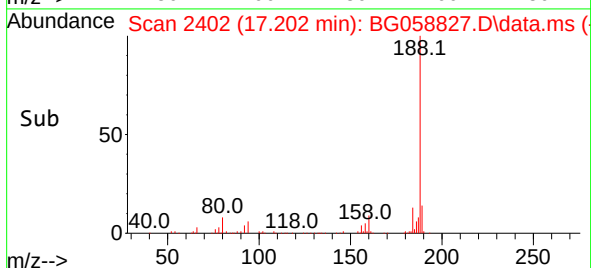
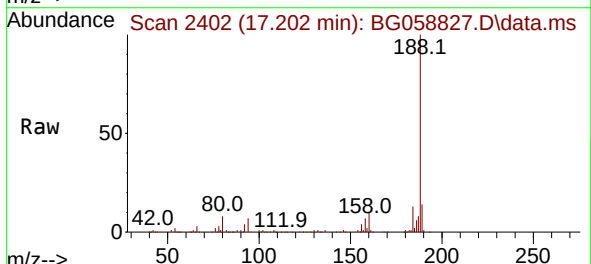
Instrument :
 BNA_G
 ClientSampleId :
 TP-04(1-2)MSD

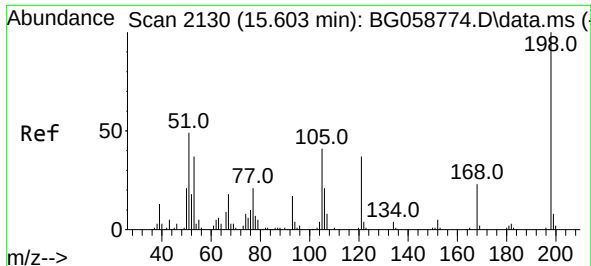
Tgt Ion:	77	Resp:	226637
Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.9	44.9
105	21.9	2.8	42.8
51	36.0	15.7	55.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.202 min Scan# 2402
 Delta R.T. -0.006 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

Tgt Ion:	188	Resp:	166761
Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.1	9.1
80	7.6	6.9	10.3

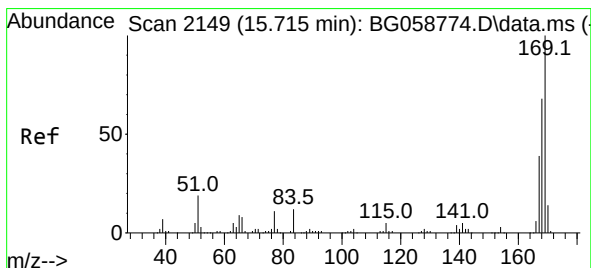
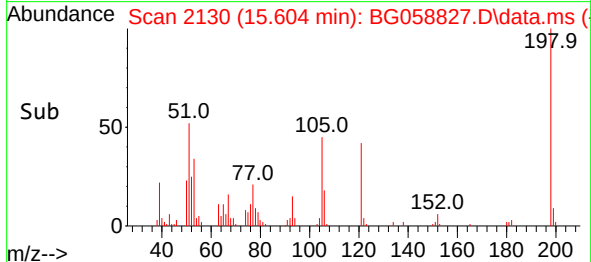
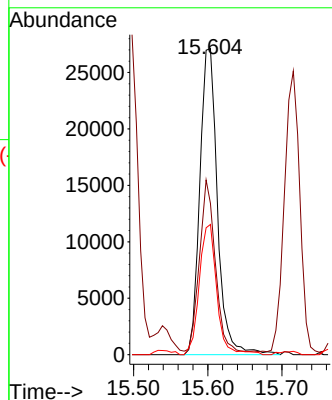
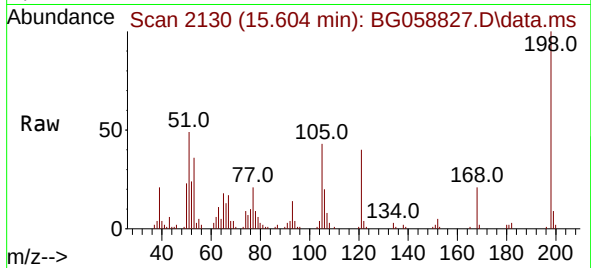




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.567 ng
 RT: 15.604 min Scan# 2130
 Delta R.T. 0.001 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

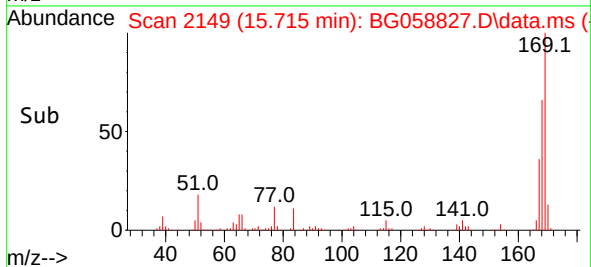
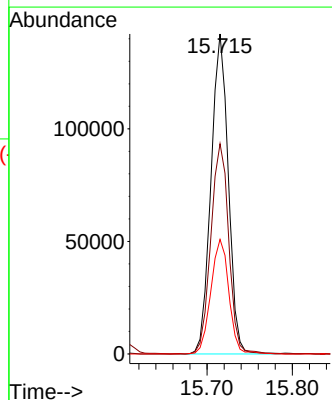
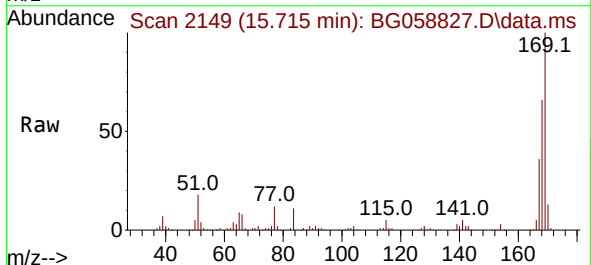
Instrument :
 BNA_G
 ClientSampleId :
 TP-04(1-2)MSD

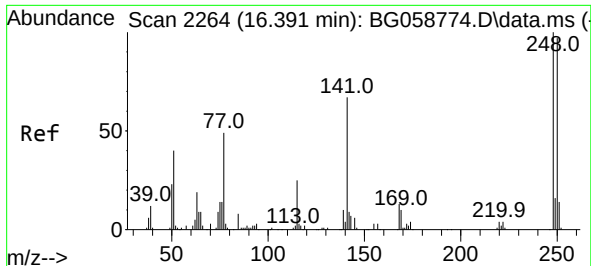
Tgt Ion:198 Resp: 44837
 Ion Ratio Lower Upper
 198 100
 51 49.5 31.3 71.3
 105 42.5 20.7 60.7



#66
 n-Nitrosodiphenylamine
 Concen: 46.531 ng
 RT: 15.715 min Scan# 2149
 Delta R.T. 0.000 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

Tgt Ion:169 Resp: 199994
 Ion Ratio Lower Upper
 169 100
 168 65.7 54.4 81.6
 167 35.8 31.4 47.0

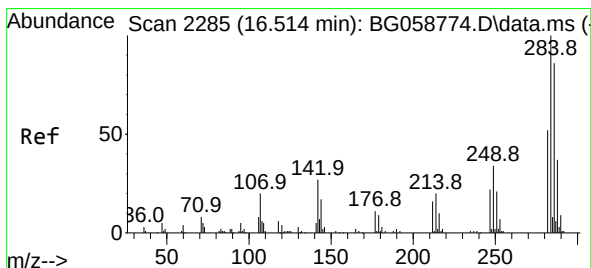
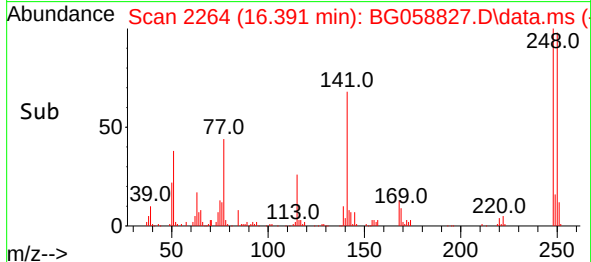
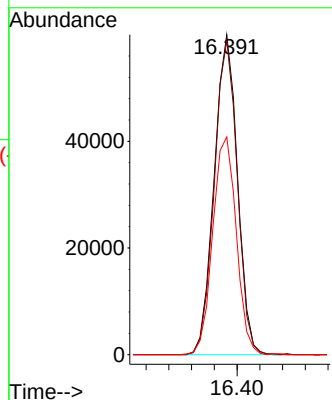
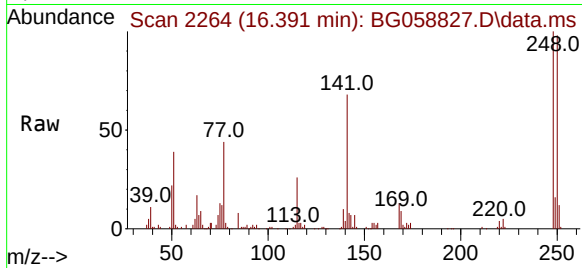




#67
4-Bromophenyl-phenylether
Concen: 46.622 ng
RT: 16.391 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

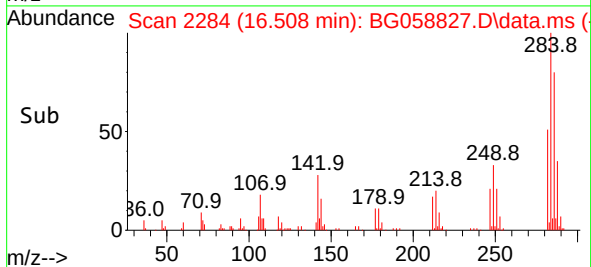
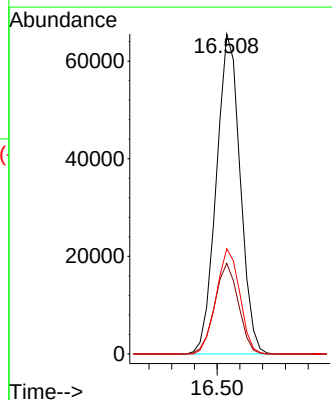
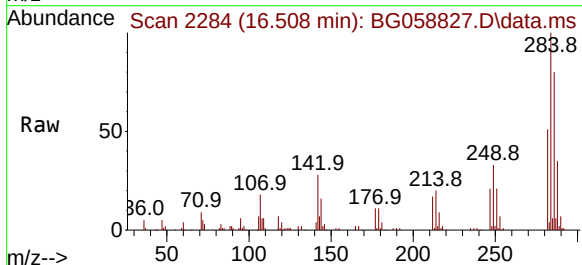
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

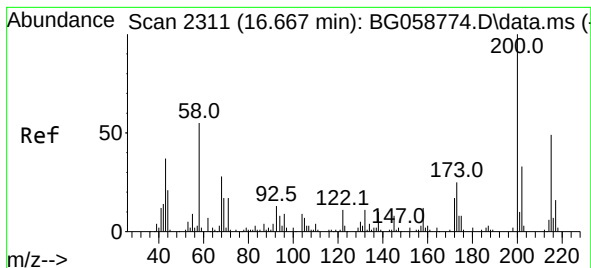
Tgt Ion:248 Resp: 85317
Ion Ratio Lower Upper
248 100
250 98.1 77.7 116.5
141 68.1 53.6 80.4



#68
Hexachlorobenzene
Concen: 48.526 ng
RT: 16.508 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:284 Resp: 95572
Ion Ratio Lower Upper
284 100
142 28.3 22.0 33.0
249 32.9 27.2 40.8





#69

Atrazine

Concen: 54.408 ng

RT: 16.667 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

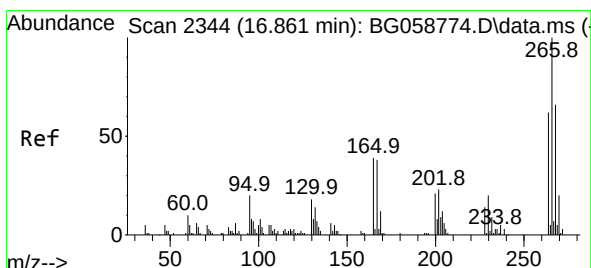
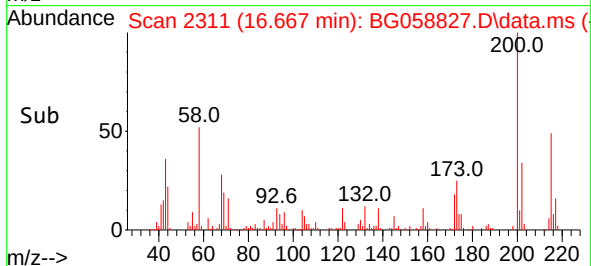
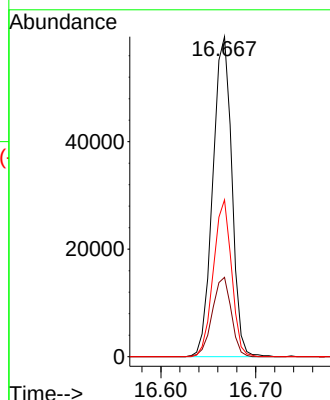
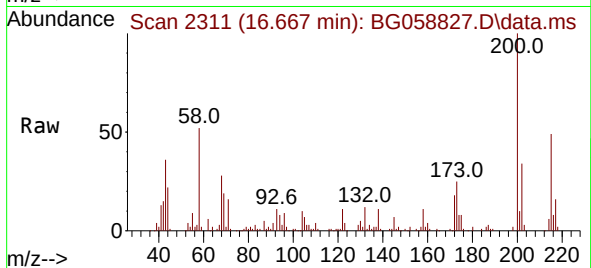
Tgt Ion:200 Resp: 82759

Ion Ratio Lower Upper

200 100

173 24.8 5.3 45.3

215 49.0 29.4 69.4



#70

Pentachlorophenol

Concen: 83.360 ng

RT: 16.861 min Scan# 2344

Delta R.T. -0.000 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

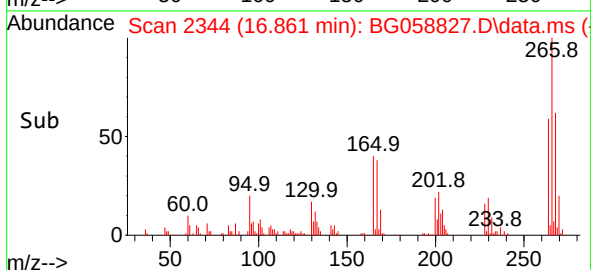
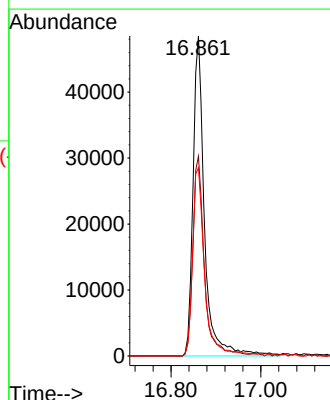
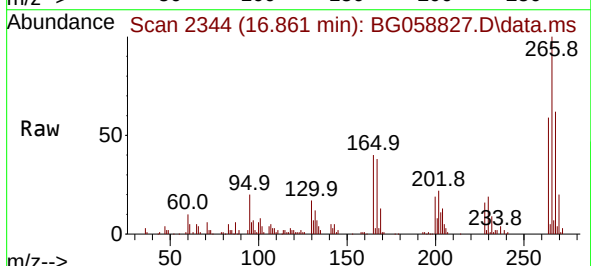
Tgt Ion:266 Resp: 86090

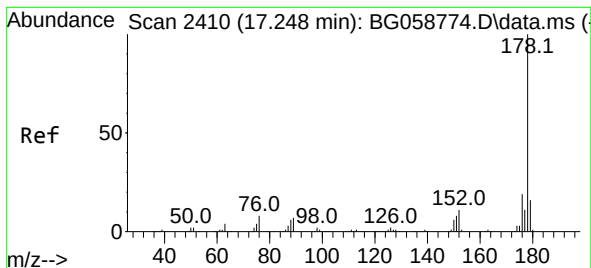
Ion Ratio Lower Upper

266 100

268 62.4 52.7 79.1

264 58.8 49.5 74.3





#71

Phenanthrene

Concen: 45.365 ng

RT: 17.243 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

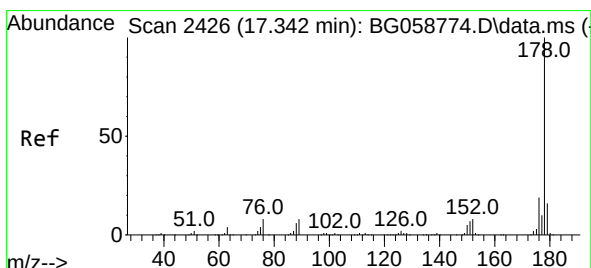
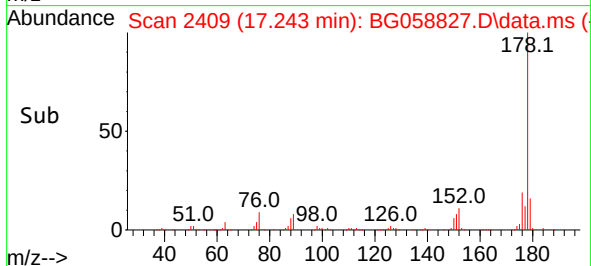
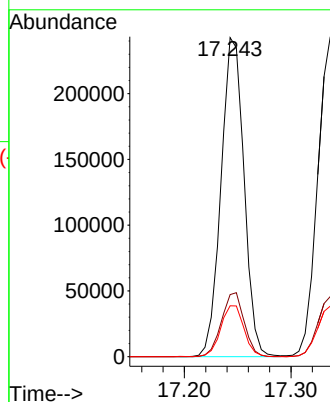
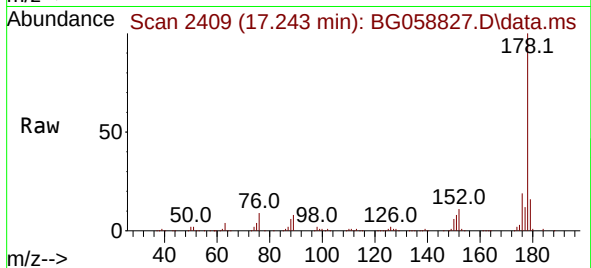
Tgt Ion:178 Resp: 363179

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.9 13.0 19.4



#72

Anthracene

Concen: 46.415 ng

RT: 17.337 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

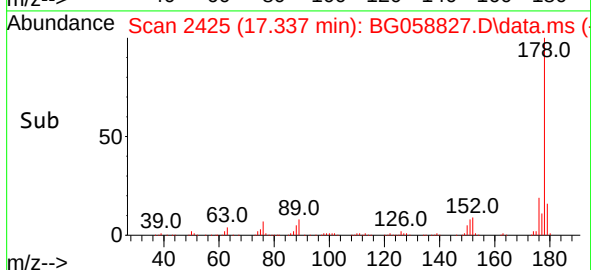
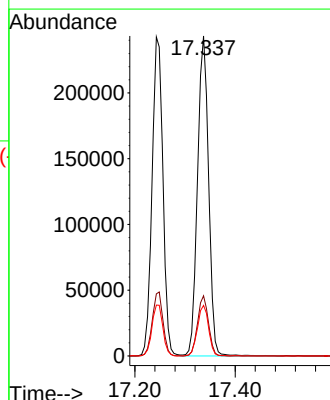
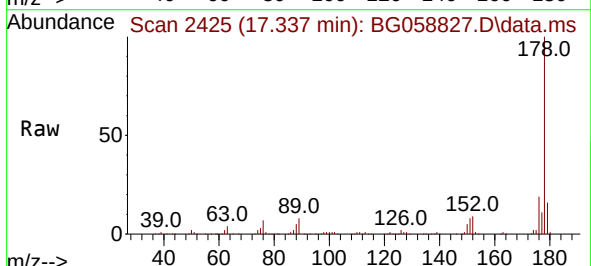
Tgt Ion:178 Resp: 372684

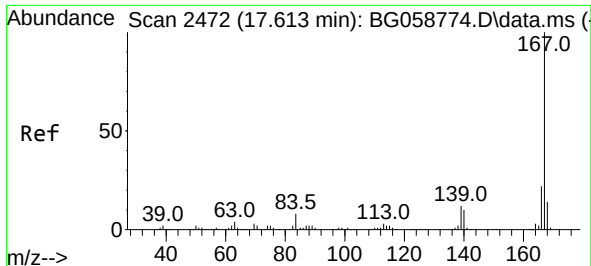
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

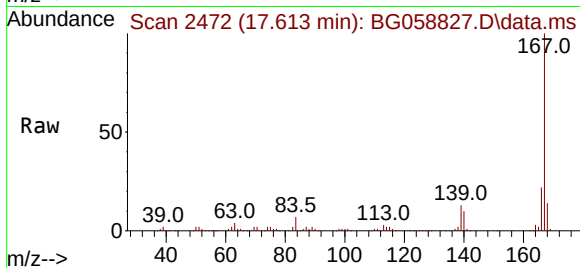
179 15.8 12.9 19.3



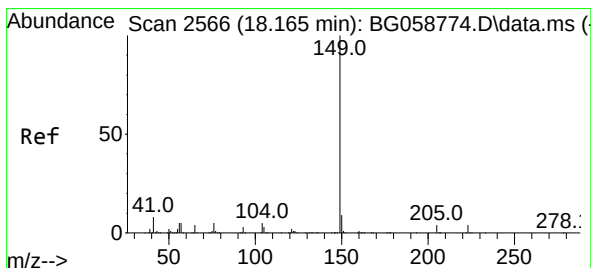
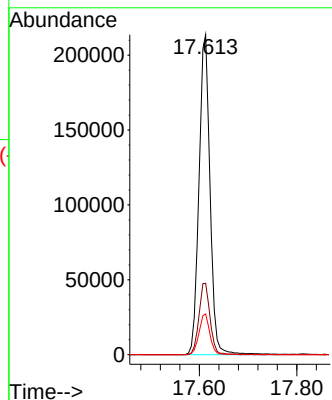
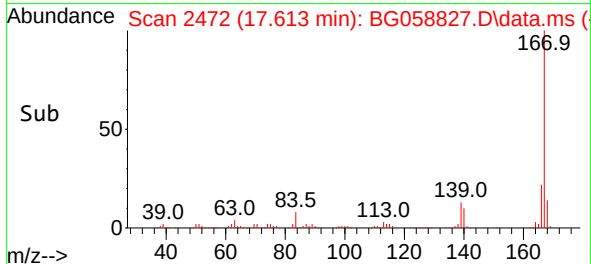


#73
 Carbazole
 Concen: 45.898 ng
 RT: 17.613 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

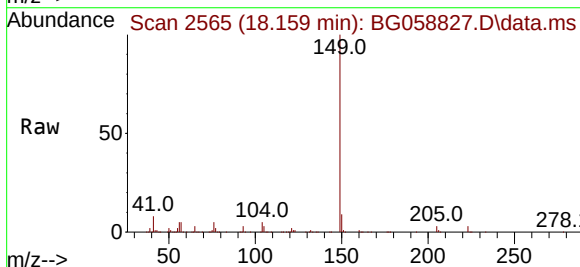
Instrument :
 BNA_G
 ClientSampleId :
 TP-04(1-2)MSD



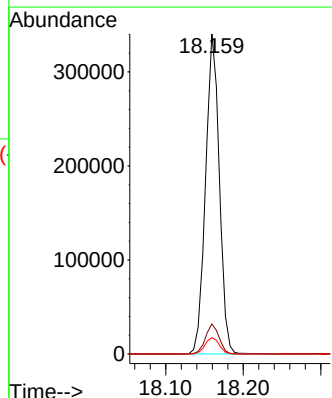
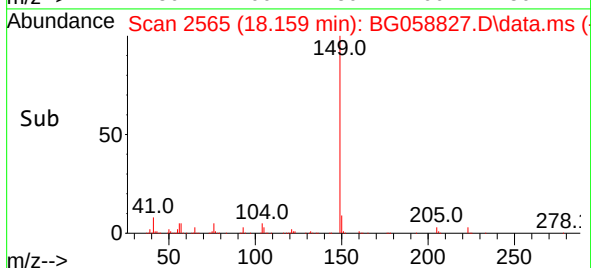
Tgt Ion:167 Resp: 337476
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.2
 139 12.7 9.7 14.5

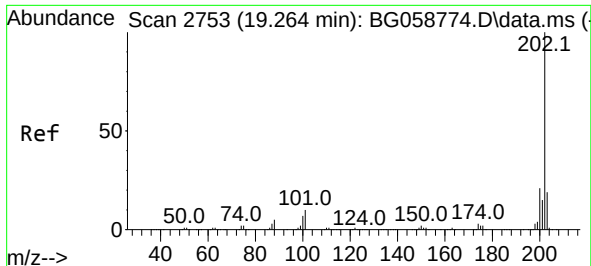


#74
 Di-n-butylphthalate
 Concen: 45.234 ng
 RT: 18.159 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19



Tgt Ion:149 Resp: 419569
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.1 4.3 6.5

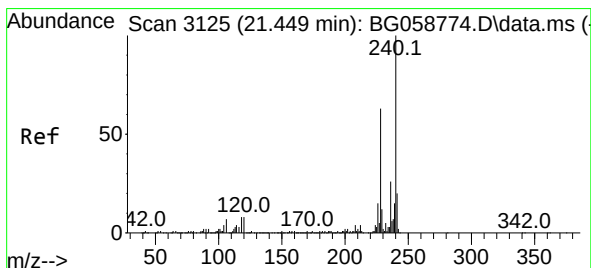
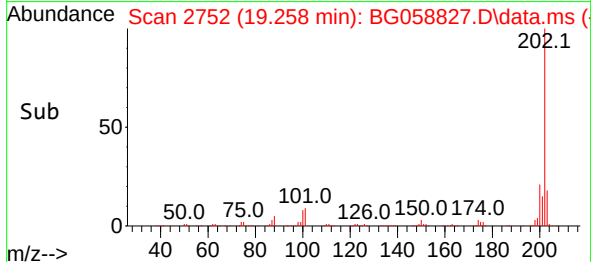
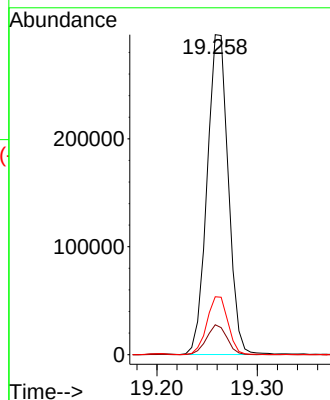
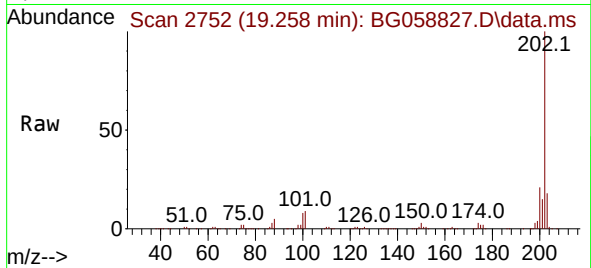




#75
Fluoranthene
Concen: 43.718 ng
RT: 19.258 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

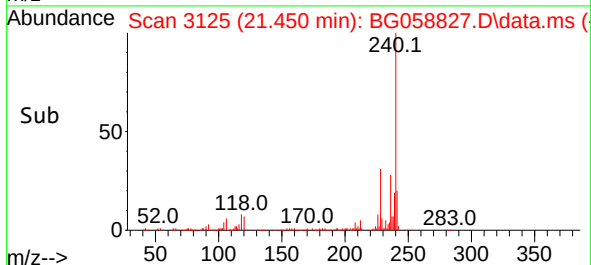
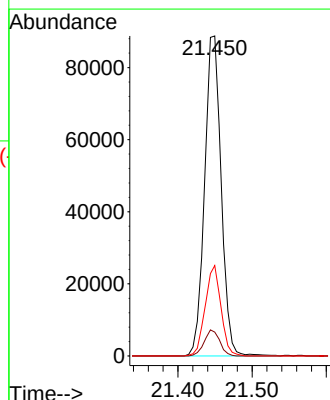
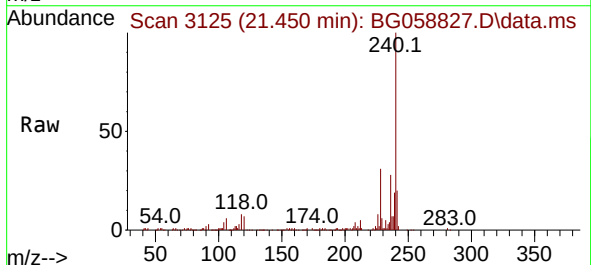
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

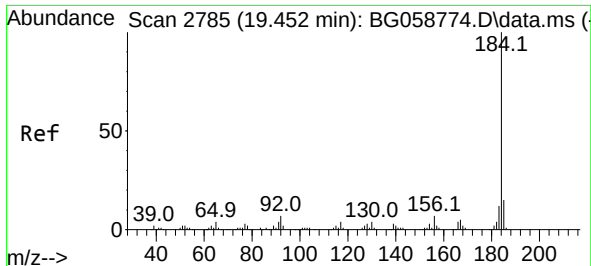
Tgt Ion:202 Resp: 434029
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.7
203 18.1 0.0 38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:240 Resp: 138076
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.2
236 28.2 20.5 30.7

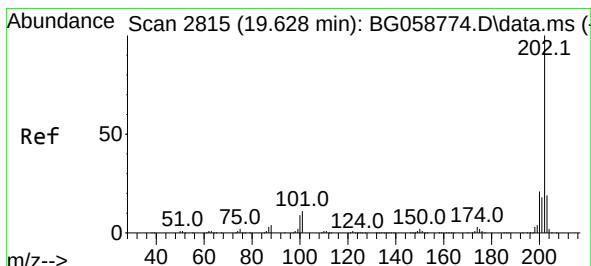
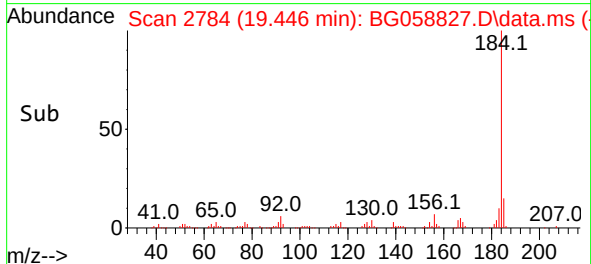
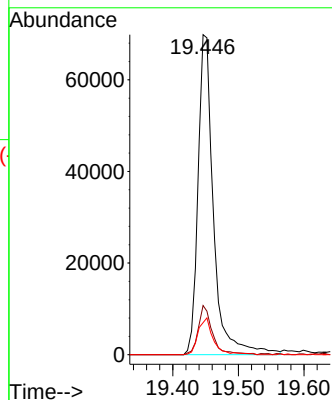
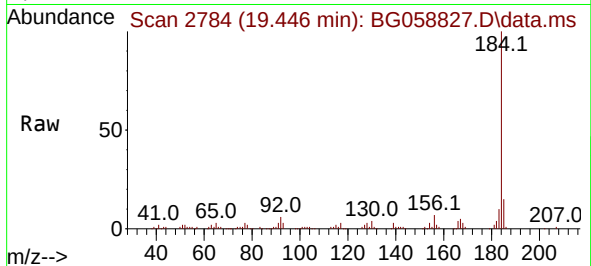




#77
Benzidine
Concen: 46.452 ng
RT: 19.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

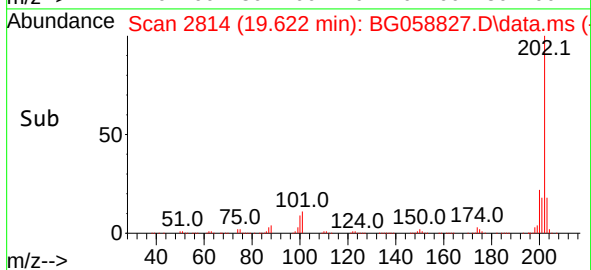
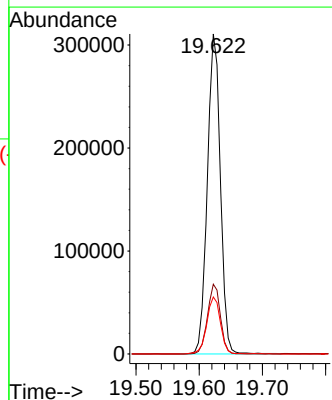
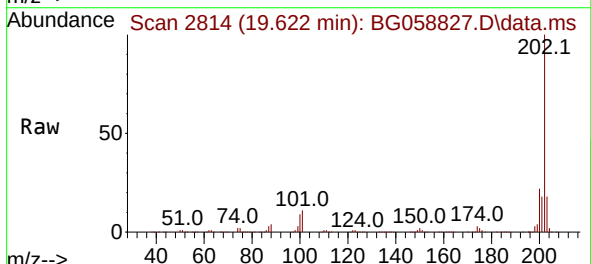
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

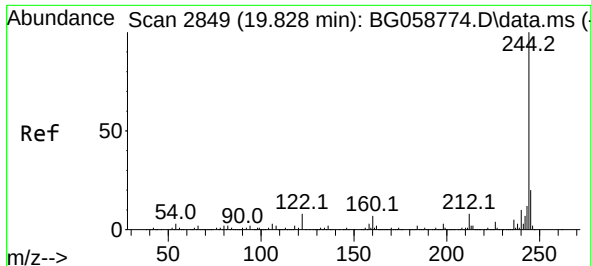
Tgt Ion:184 Resp: 114950
Ion Ratio Lower Upper
184 100
185 15.4 11.9 17.9
183 10.0 10.0 15.0



#78
Pyrene
Concen: 46.169 ng
RT: 19.622 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

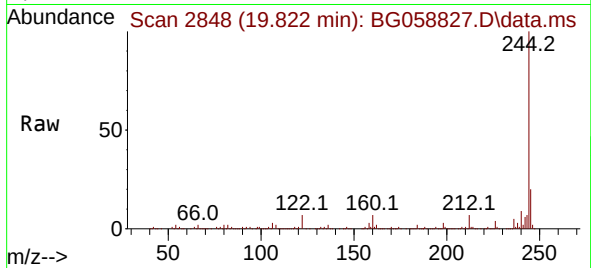
Tgt Ion:202 Resp: 444180
Ion Ratio Lower Upper
202 100
200 21.8 16.7 25.1
203 17.8 15.3 22.9



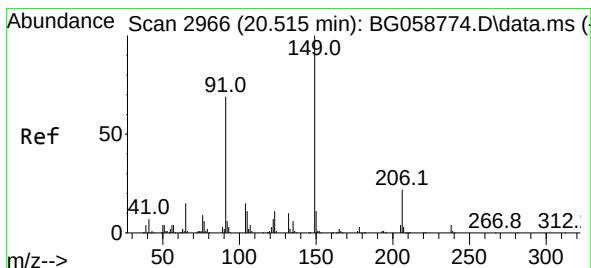
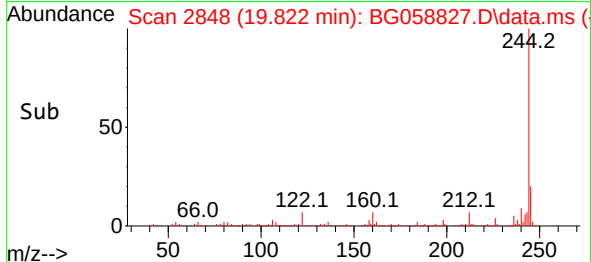
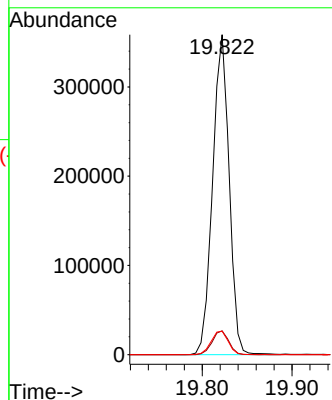


#79
 Terphenyl-d14
 Concen: 59.515 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-04(1-2)MSD

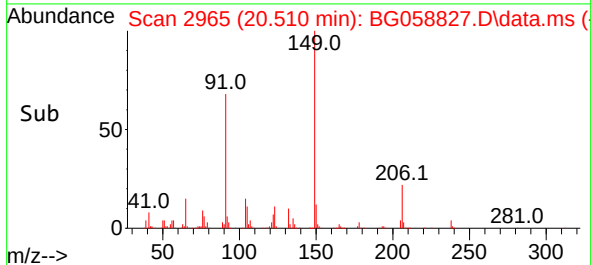
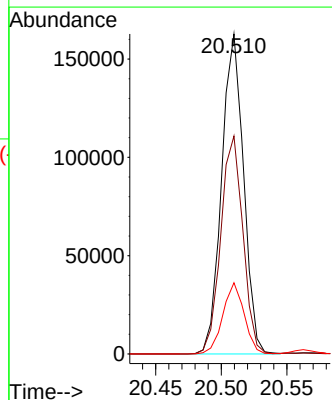
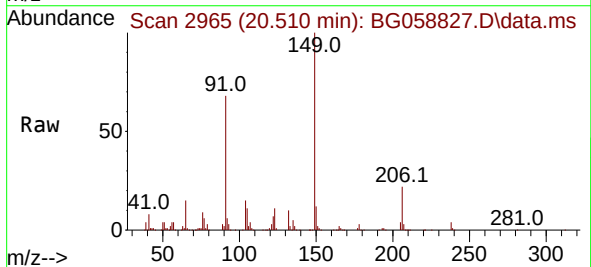


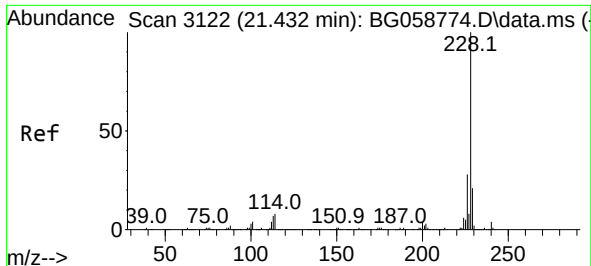
Tgt Ion:244 Resp: 457655
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 7.4 6.3 9.5



#80
 Butylbenzylphthalate
 Concen: 48.384 ng
 RT: 20.510 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

Tgt Ion:149 Resp: 188785
 Ion Ratio Lower Upper
 149 100
 91 68.1 55.0 82.4
 206 22.2 17.6 26.4

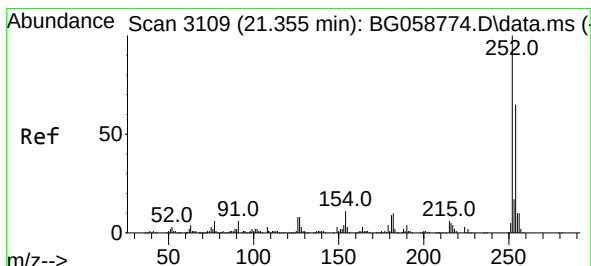
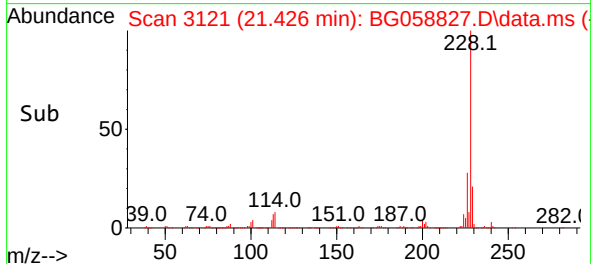
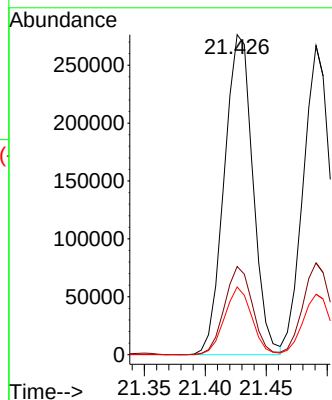
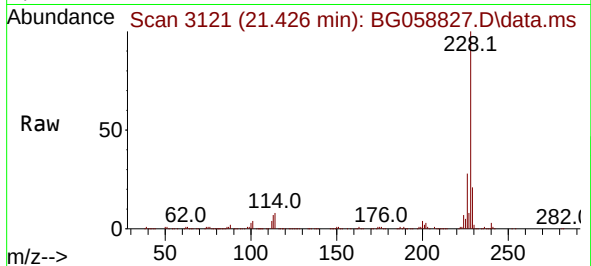




#81
Benzo(a)anthracene
Concen: 47.023 ng
RT: 21.426 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

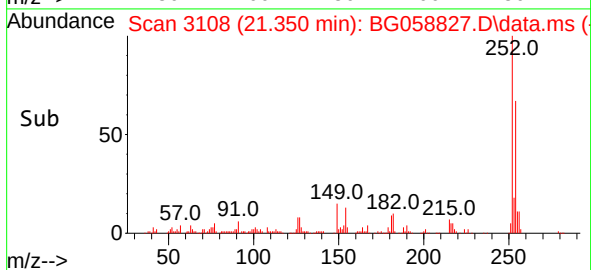
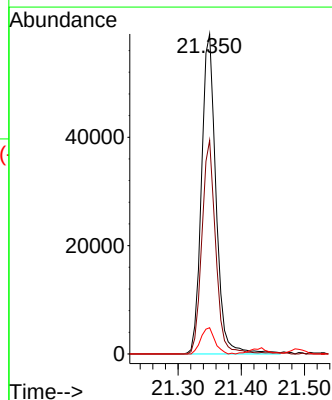
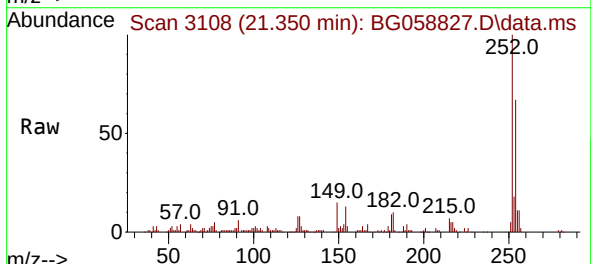
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

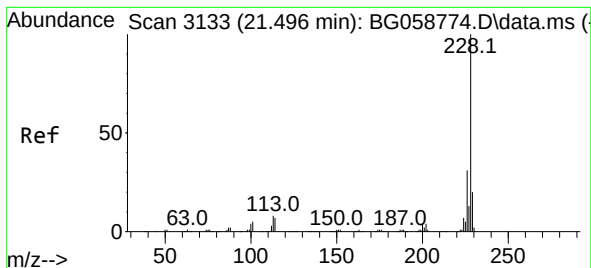
Tgt Ion:228 Resp: 451954
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 21.2 16.8 25.2



#82
3,3'-Dichlorobenzidine
Concen: 28.312 ng
RT: 21.350 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:252 Resp: 93946
Ion Ratio Lower Upper
252 100
254 66.8 51.8 77.6
126 8.2 6.6 9.8





#83

Chrysene

Concen: 44.814 ng

RT: 21.491 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

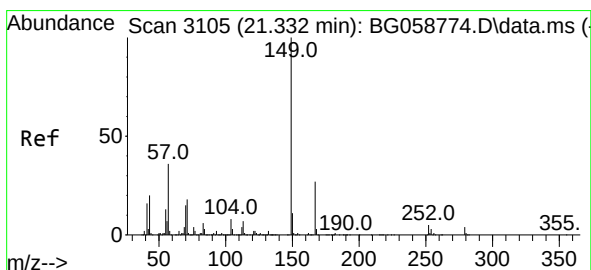
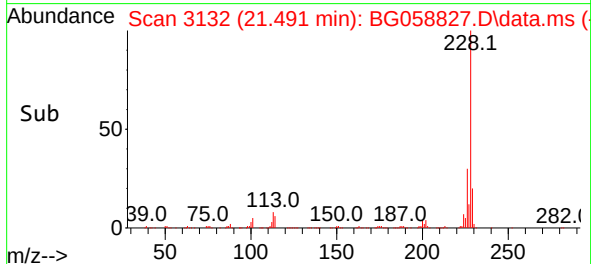
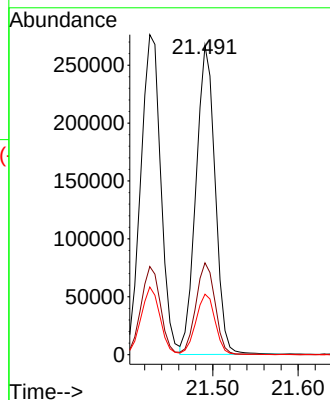
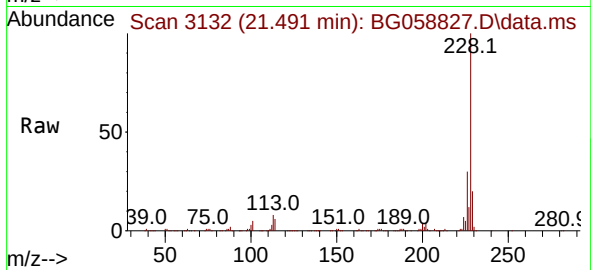
Tgt Ion:228 Resp: 415169

Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

229 19.6 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.391 ng

RT: 21.326 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

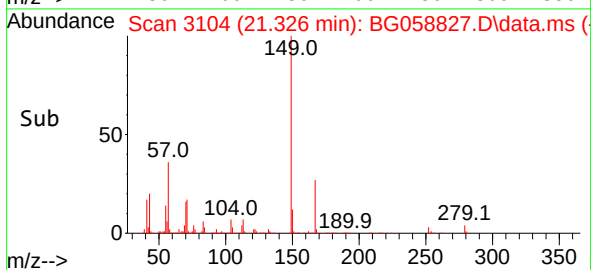
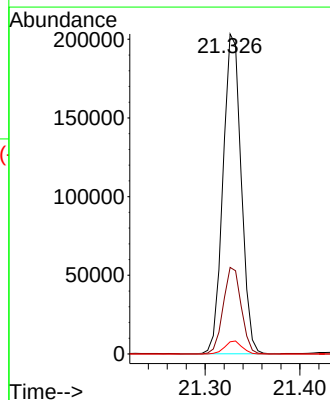
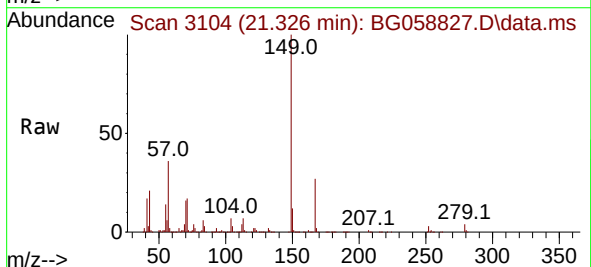
Tgt Ion:149 Resp: 271206

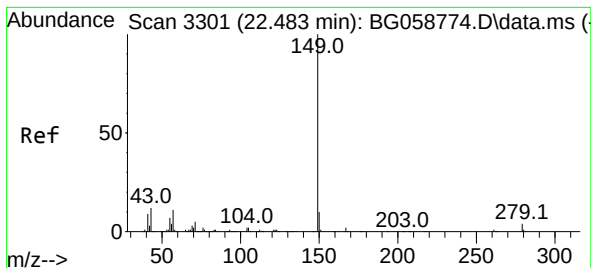
Ion Ratio Lower Upper

149 100

167 27.0 21.7 32.5

279 3.8 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 48.178 ng

RT: 22.478 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

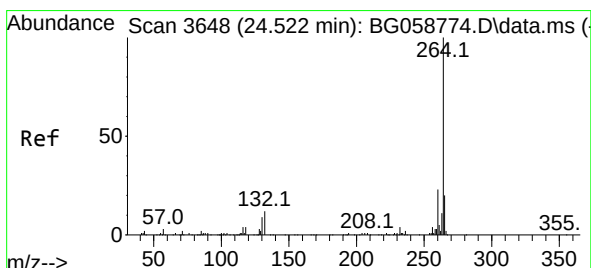
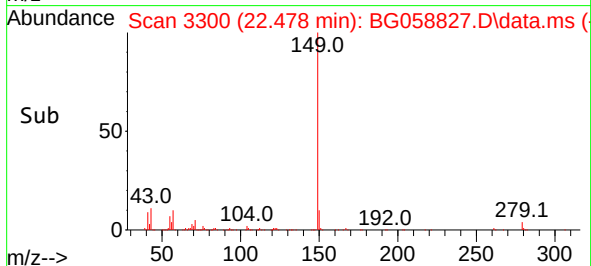
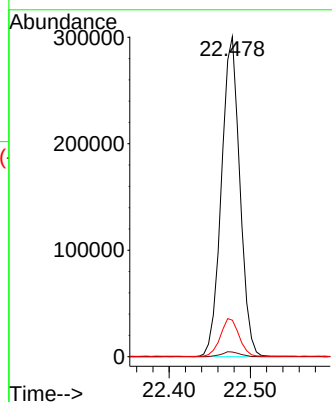
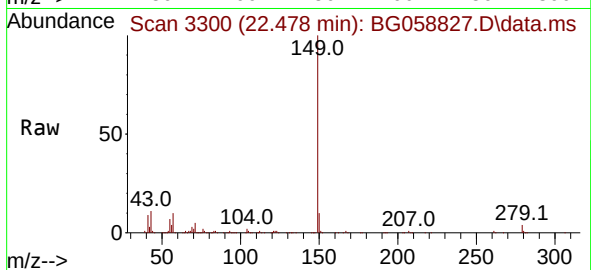
Tgt Ion:149 Resp: 474216

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.8 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.511 min Scan# 3646

Delta R.T. -0.011 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

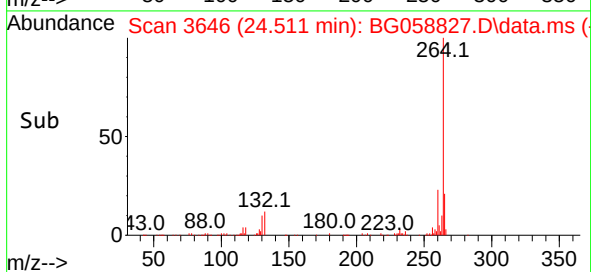
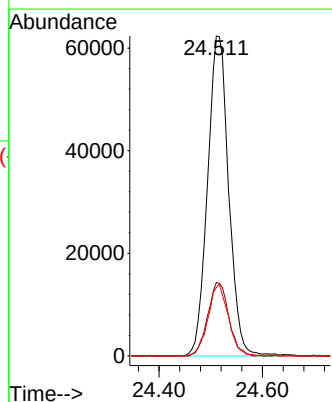
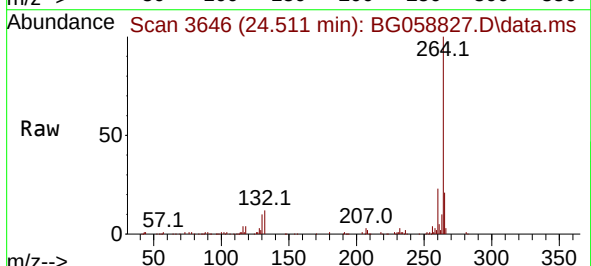
Tgt Ion:264 Resp: 176708

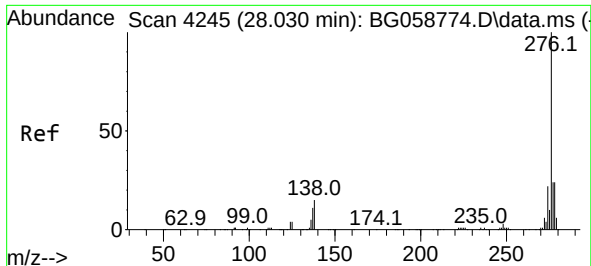
Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 21.4 16.4 24.6

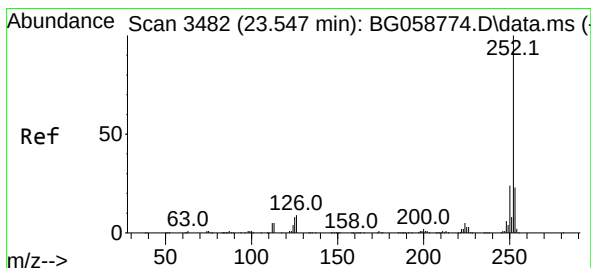
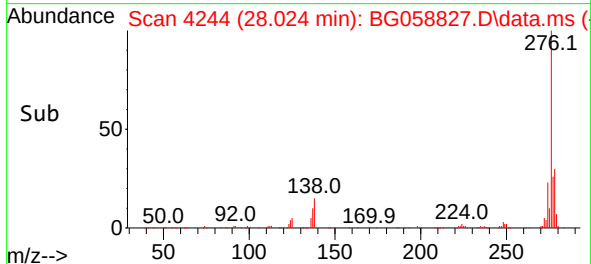
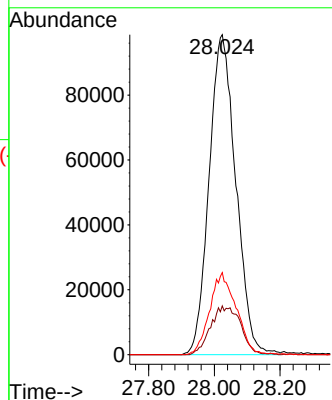
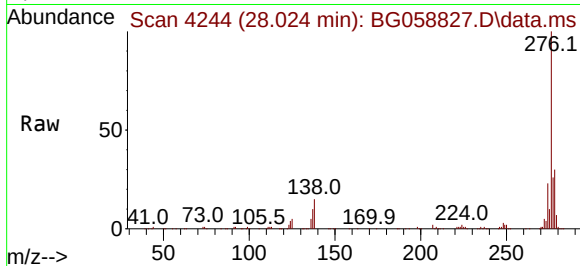




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.624 ng
 RT: 28.024 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

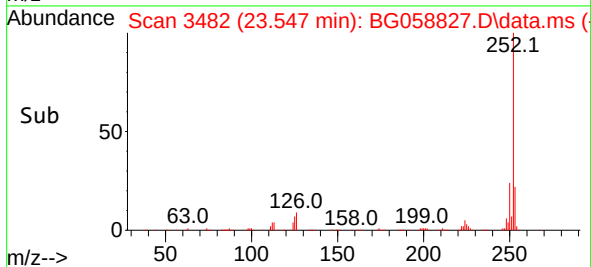
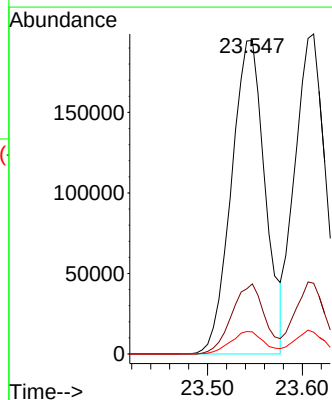
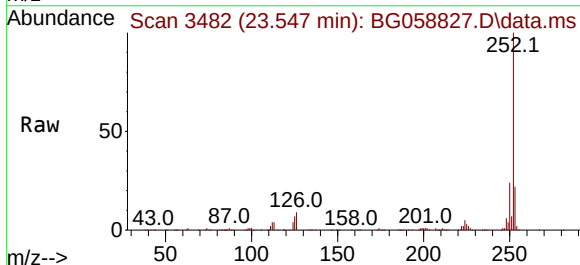
Instrument :
 BNA_G
 ClientSampleId :
 TP-04(1-2)MSD

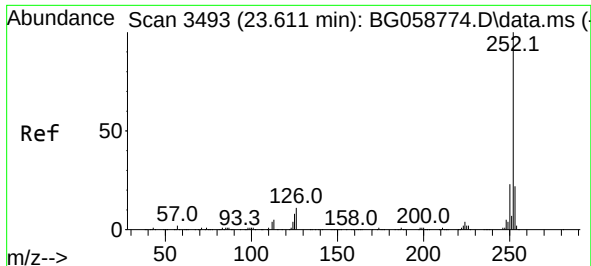
Tgt Ion:276 Resp: 557408
 Ion Ratio Lower Upper
 276 100
 138 8.2 6.2 9.2
 277 25.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 49.090 ng
 RT: 23.547 min Scan# 3482
 Delta R.T. 0.000 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

Tgt Ion:252 Resp: 481307
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.4 27.6
 125 7.1 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 44.524 ng

RT: 23.612 min Scan# 34

Delta R.T. 0.000 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

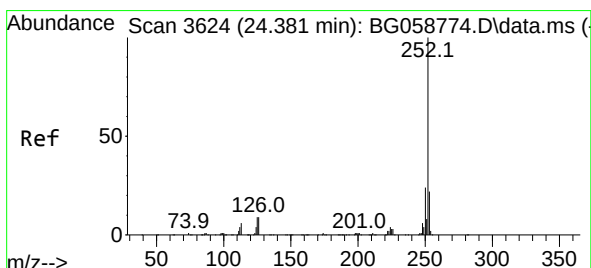
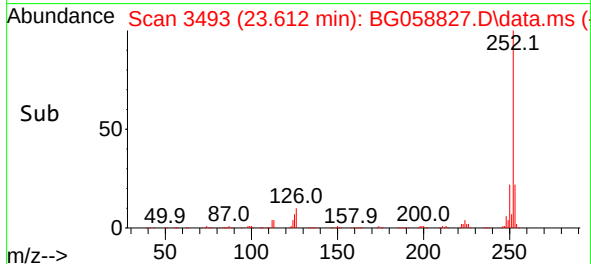
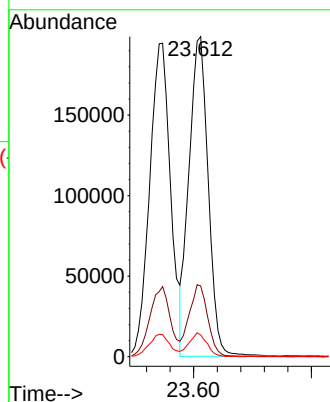
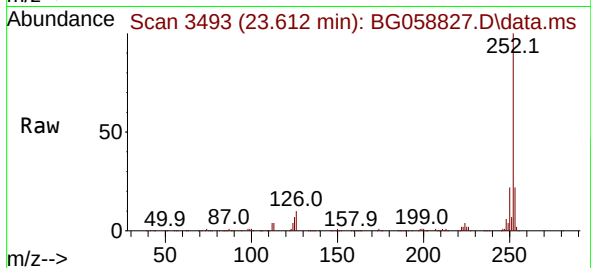
Tgt Ion:252 Resp: 450209

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 6.8 6.3 9.5



#90

Benzo(a)pyrene

Concen: 43.846 ng

RT: 24.376 min Scan# 3623

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

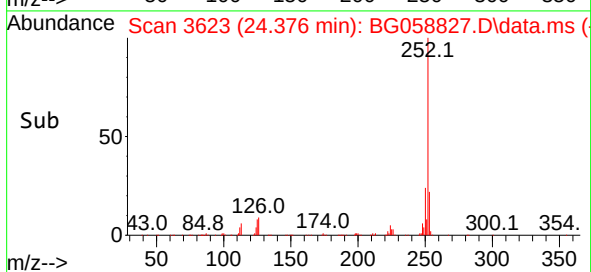
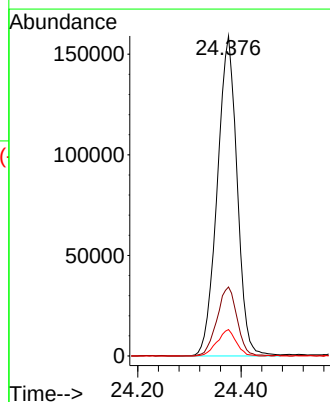
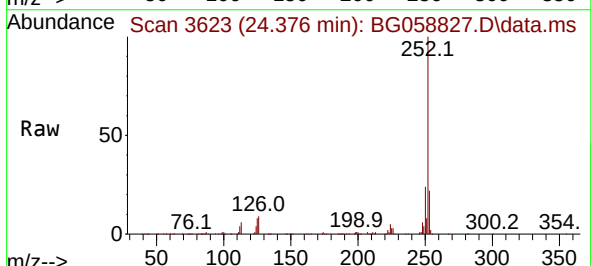
Tgt Ion:252 Resp: 423298

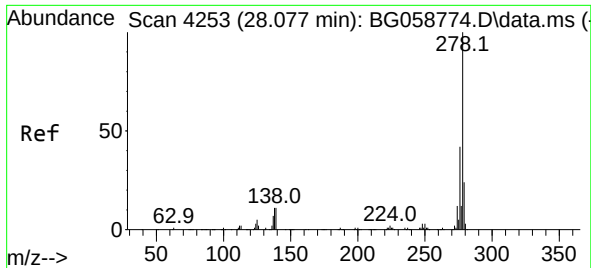
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.2 6.8 10.2

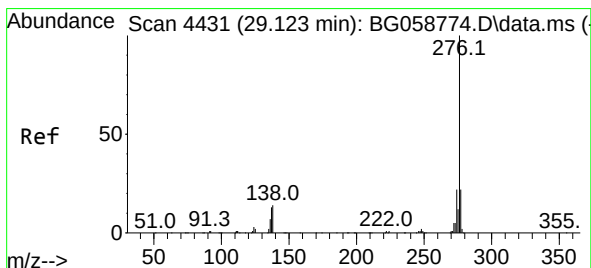
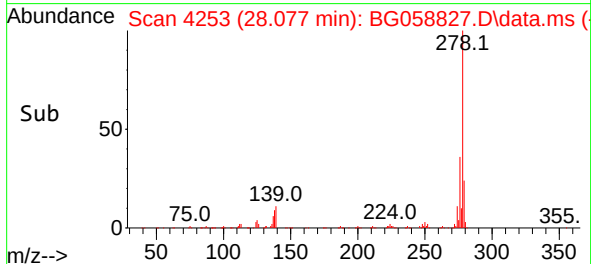
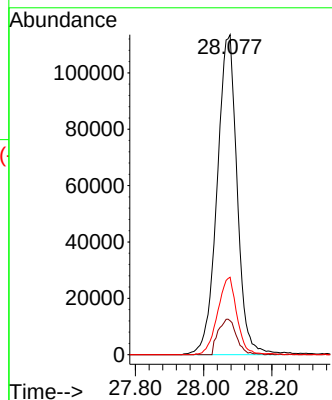
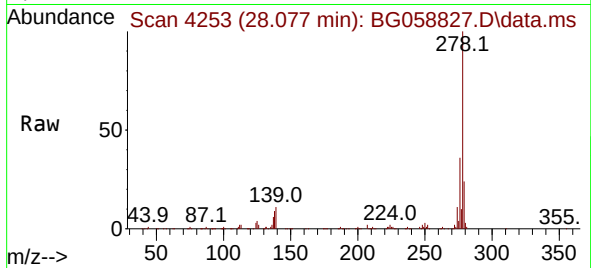




#91
Dibenzo(a,h)anthracene
Concen: 47.015 ng
RT: 28.077 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

Tgt Ion:278 Resp: 461874
Ion Ratio Lower Upper
278 100
139 10.6 8.9 13.3
279 24.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 46.193 ng
RT: 29.117 min Scan# 4430
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:276 Resp: 453719
Ion Ratio Lower Upper
276 100
277 24.0 17.8 26.6
138 14.2 11.1 16.7

