

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
 Data File : BM038767.D
 Acq On : 16 Feb 2023 21:19
 Operator : CG/JU
 Sample : 01562-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-3-021523MSD

Quant Time: Feb 17 06:12:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 06:10:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	33229	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	142175	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	104935	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	257664	20.000	ng	# 0.00
76) Chrysene-d12	21.486	240	297667	20.000	ng	0.00
86) Perylene-d12	23.868	264	291201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	214963	126.725	ng	0.00
7) Phenol-d6	7.093	99	284469	147.037	ng	0.00
23) Nitrobenzene-d5	9.092	82	166208	66.402	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	194588	136.429	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	530184	64.323	ng	0.00
79) Terphenyl-d14	19.921	244	1259460	74.665	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	21671	28.979	ng	92
3) Pyridine	3.722	79	55026	30.944	ng	97
4) n-Nitrosodimethylamine	3.634	42	30770	38.329	ng	# 88
6) Aniline	7.245	93	102980	42.672	ng	94
8) 2-Chlorophenol	7.475	128	112853	60.970	ng	96
9) Benzaldehyde	7.051	77	45506	53.366	ng	92
10) Phenol	7.116	94	126292	64.615	ng	89
11) bis(2-Chloroethyl)ether	7.340	93	85870	54.251	ng	92
12) 1,3-Dichlorobenzene	7.798	146	122505	51.801	ng	98
13) 1,4-Dichlorobenzene	7.945	146	122713	51.414	ng	98
14) 1,2-Dichlorobenzene	8.263	146	123146	53.858	ng	97
15) Benzyl Alcohol	8.169	79	81850	57.480	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.451	45	71053	47.392	ng	97
17) 2-Methylphenol	8.375	107	88438	58.991	ng	97
18) Hexachloroethane	8.987	117	39930	51.803	ng	96
19) n-Nitroso-di-n-propyla...	8.728	70	62079	53.234	ng	95
20) 3+4-Methylphenols	8.704	107	122985	61.529	ng	96
22) Acetophenone	8.751	105	148257	43.726	ng	# 95
24) Nitrobenzene	9.134	77	106190	41.797	ng	91
25) Isophorone	9.657	82	190173	43.370	ng	97
26) 2-Nitrophenol	9.845	139	69641	49.260	ng	94
27) 2,4-Dimethylphenol	9.910	122	105468	51.707	ng	97
28) bis(2-Chloroethoxy)met...	10.139	93	118701	44.296	ng	99
29) 2,4-Dichlorophenol	10.381	162	137366	47.402	ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	127958	41.510	ng	95
31) Naphthalene	10.775	128	350425	48.031	ng	98
32) Benzoic acid	10.063	122	97427	59.006	ng	89
33) 4-Chloroaniline	10.904	127	80048	25.035	ng	95
34) Hexachlorobutadiene	11.045	225	65410	42.359	ng	99
35) Caprolactam	11.710	113	14781	23.684	ng	91
36) 4-Chloro-3-methylphenol	12.033	107	115151	53.739	ng	98
37) 2-Methylnaphthalene	12.386	142	278300	47.203	ng	97
38) 1-Methylnaphthalene	12.604	142	264582	47.625	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	124533	45.600	ng	99
41) Hexachlorocyclopentadiene	12.722	237	65416	38.601	ng	98
43) 2,4,6-Trichlorophenol	12.998	196	103597	48.286	ng	99

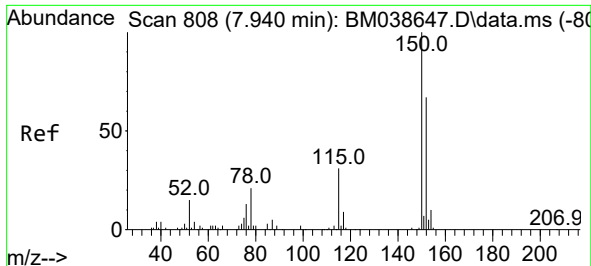
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
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 QLast Update : Fri Feb 17 06:10:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	114509	45.354	ng	96
46) 1,1'-Biphenyl	13.398	154	394539	47.464	ng	99
47) 2-Chloronaphthalene	13.439	162	319911	48.910	ng	96
48) 2-Nitroaniline	13.657	65	71601	48.482	ng	91
49) Acenaphthylene	14.286	152	537633	52.186	ng	100
50) Dimethylphthalate	14.027	163	387569	45.259	ng	100
51) 2,6-Dinitrotoluene	14.157	165	89642	51.505	ng	97
52) Acenaphthene	14.627	154	312508	50.802	ng	99
53) 3-Nitroaniline	14.486	138	81404	44.801	ng	98
54) 2,4-Dinitrophenol	14.698	184	50301	44.402	ng	92
55) Dibenzofuran	14.957	168	511764	48.311	ng	95
56) 4-Nitrophenol	14.804	139	193206	138.412	ng	94
57) 2,4-Dinitrotoluene	14.945	165	131777	51.199	ng	98
58) Fluorene	15.610	166	439030	52.380	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	100693	57.303	ng	97
60) Diethylphthalate	15.380	149	418901	51.637	ng	97
61) 4-Chlorophenyl-phenyle...	15.598	204	177414	49.894	ng	97
62) 4-Nitroaniline	15.651	138	96965	51.705	ng	97
63) Azobenzene	15.892	77	385790	61.811	ng	96
65) 4,6-Dinitro-2-methylph...	15.704	198	29867	18.413	ng	93
66) n-Nitrosodiphenylamine	15.821	169	359786	42.765	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	112677	45.290	ng	94
68) Hexachlorobenzene	16.610	284	153901	50.616	ng	96
69) Atrazine	16.774	200	125355	51.408	ng	98
70) Pentachlorophenol	16.957	266	222054	100.183	ng	99
71) Phenanthrene	17.351	178	788440	51.534	ng	100
72) Anthracene	17.439	178	785503	50.187	ng	99
73) Carbazole	17.715	167	773803	53.011	ng	98
74) Di-n-butylphthalate	18.268	149	922844	55.958	ng	100
75) Fluoranthene	19.362	202	1031515	64.215	ng	99
77) Benzidine	19.556	184	309551	35.482	ng	99
78) Pyrene	19.727	202	1093000	47.693	ng	99
80) Butylbenzylphthalate	20.615	149	522814	45.912	ng	98
81) Benzo(a)anthracene	21.468	228	1158871	55.037	ng	99
82) 3,3'-Dichlorobenzidine	21.403	252	225003	31.061	ng	97
83) Chrysene	21.521	228	1069350	52.710	ng	99
84) Bis(2-ethylhexyl)phtha...	21.380	149	824627	49.620	ng	99
85) Di-n-octyl phthalate	22.297	149	1450682	53.777	ng	99
87) Indeno(1,2,3-cd)pyrene	26.368	276	1148113	50.055	ng	99
88) Benzo(b)fluoranthene	23.144	252	1091103	62.557	ng	99
89) Benzo(k)fluoranthene	23.192	252	1038480	58.633	ng	99
90) Benzo(a)pyrene	23.768	252	890249	51.613	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	966225	50.070	ng	99
92) Benzo(g,h,i)perylene	27.138	276	864518	44.319	ng	99

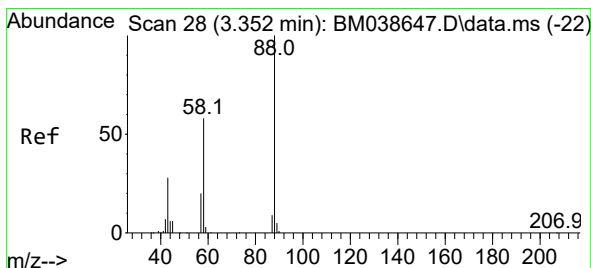
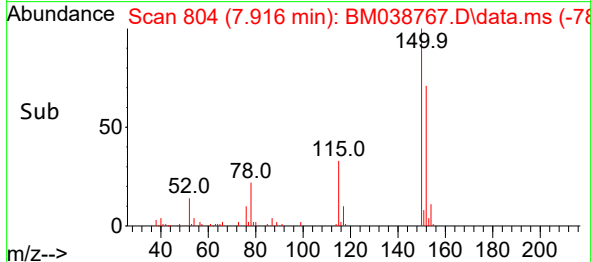
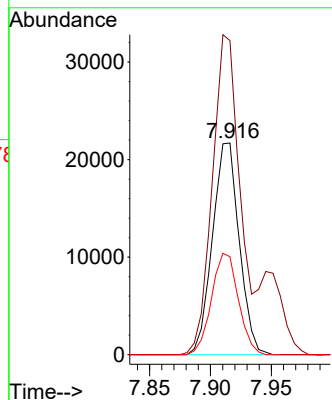
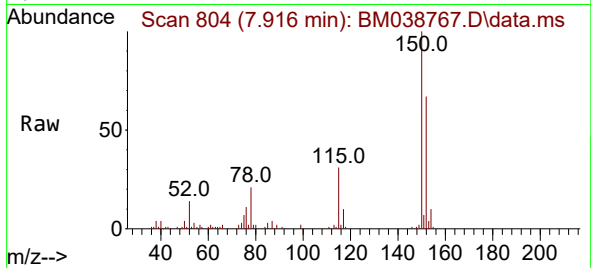
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM038767.D
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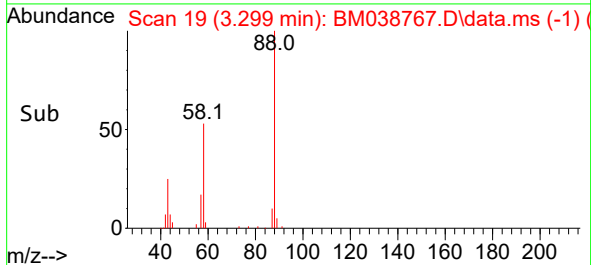
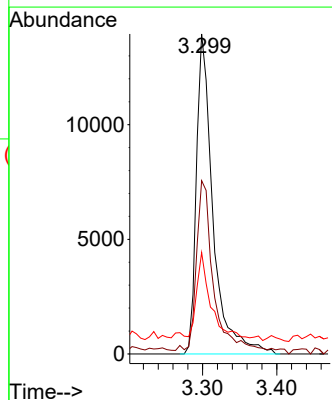
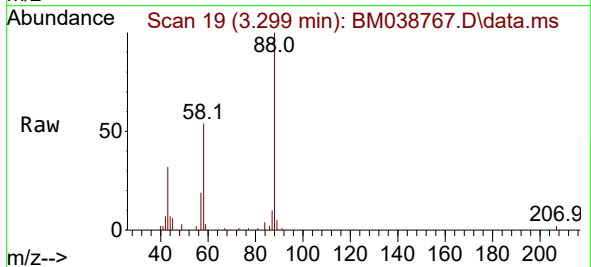
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

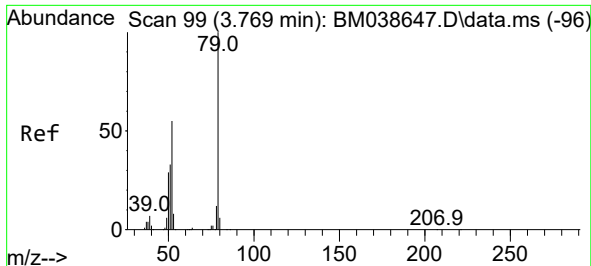
Tgt Ion:152 Resp: 33229
Ion Ratio Lower Upper
152 100
150 148.4 119.5 179.3
115 46.3 37.6 56.4



#2
1,4-Dioxane
Concen: 28.979 ng
RT: 3.299 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion: 88 Resp: 21671
Ion Ratio Lower Upper
88 100
58 52.6 47.0 70.4
43 24.9 22.6 33.8

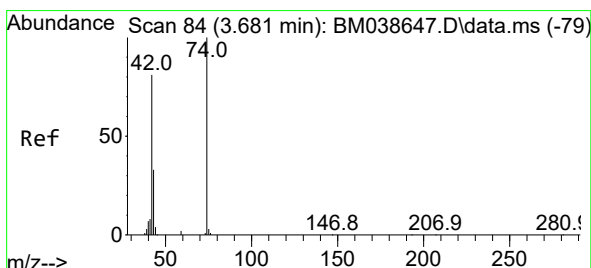
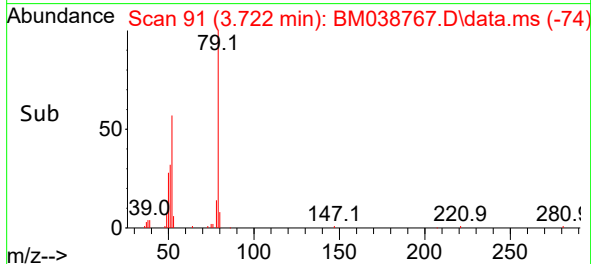
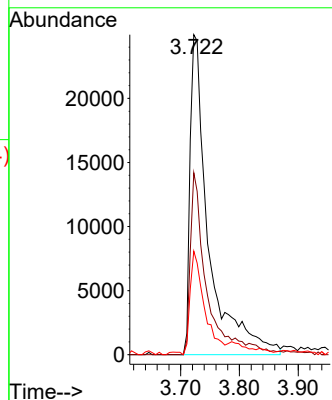
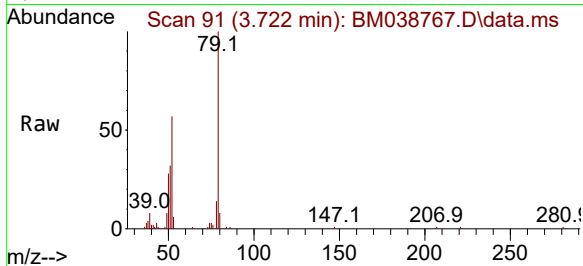




#3
 Pyridine
 Concen: 30.944 ng
 RT: 3.722 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BM038767.D
 Acq: 16 Feb 2023 21:19

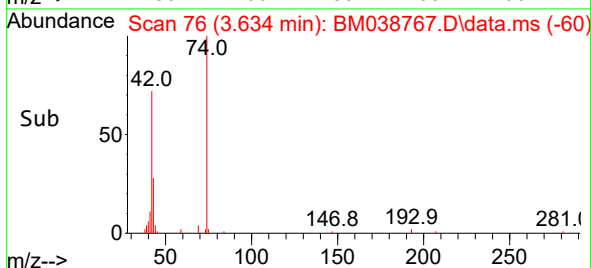
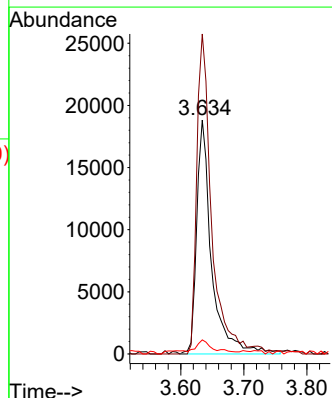
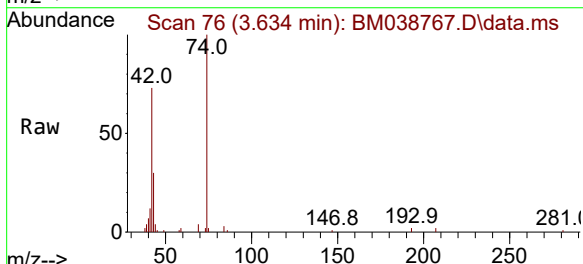
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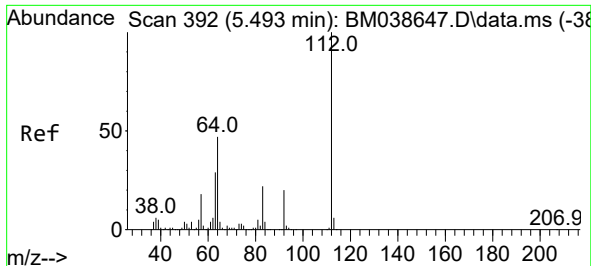
Tgt Ion: 79 Resp: 55026
 Ion Ratio Lower Upper
 79 100
 52 56.8 43.7 65.5
 51 32.4 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 38.329 ng
 RT: 3.634 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: BM038767.D
 Acq: 16 Feb 2023 21:19

Tgt Ion: 42 Resp: 30770
 Ion Ratio Lower Upper
 42 100
 74 136.8 98.4 147.6
 44 6.0 3.5 5.3

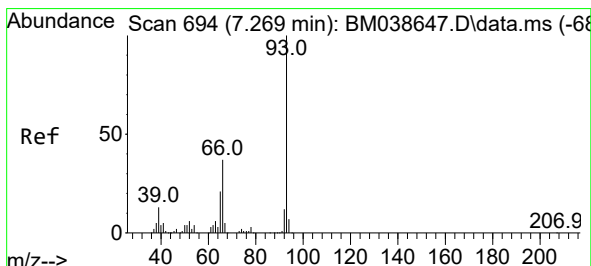
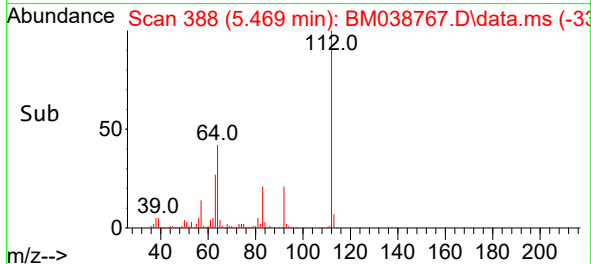
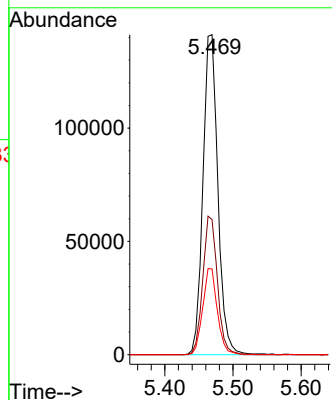
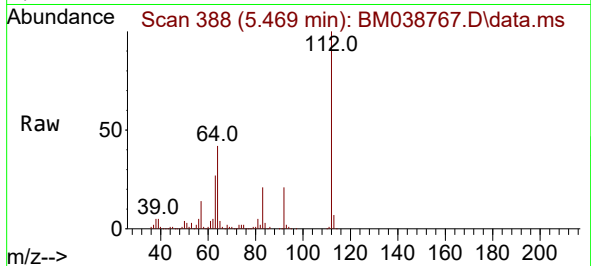




#5
2-Fluorophenol
Concen: 126.725 ng
RT: 5.469 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

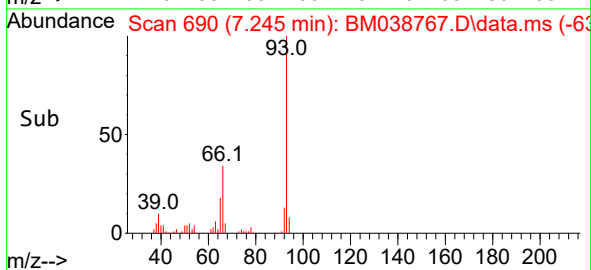
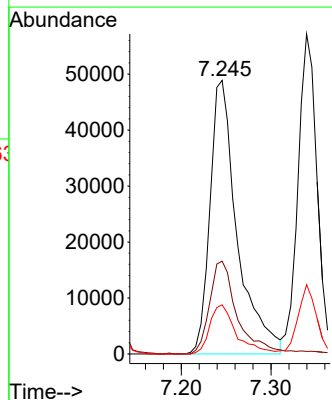
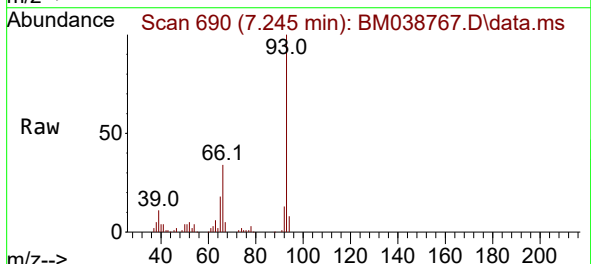
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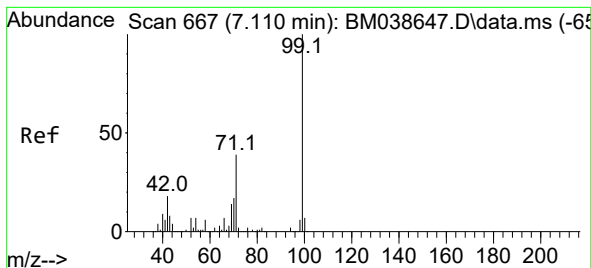
Tgt Ion:	112	Resp:	214963
Ion Ratio	Lower	Upper	
112	100		
64	42.2	37.9	56.9
63	26.8	23.3	34.9



#6
Aniline
Concen: 42.672 ng
RT: 7.245 min Scan# 690
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:	93	Resp:	102980
Ion Ratio	Lower	Upper	
93	100		
66	33.9	29.8	44.8
65	18.0	16.9	25.3

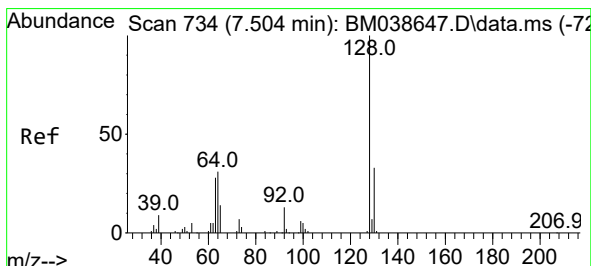
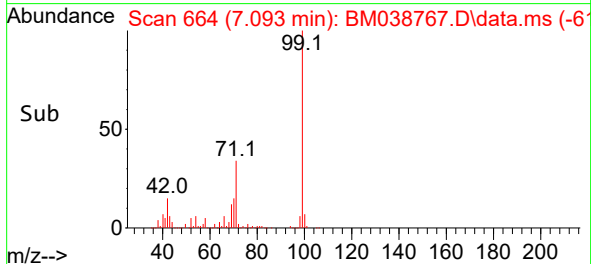
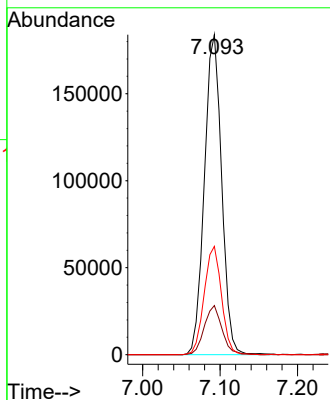
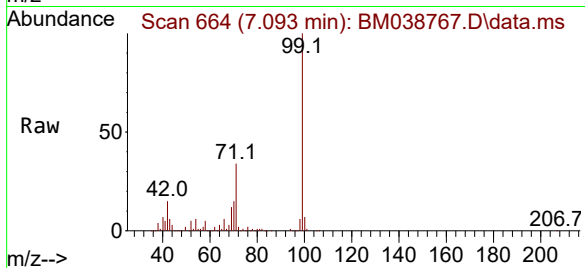




#7
Phenol-d6
Concen: 147.037 ng
RT: 7.093 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

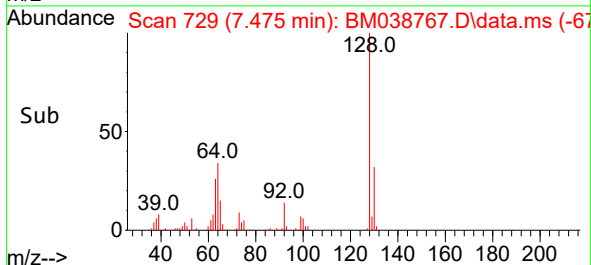
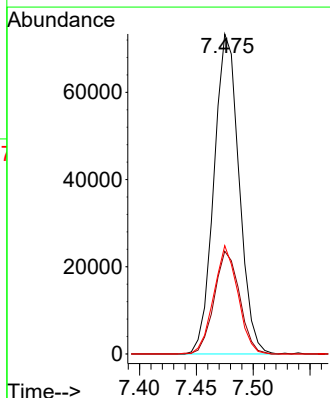
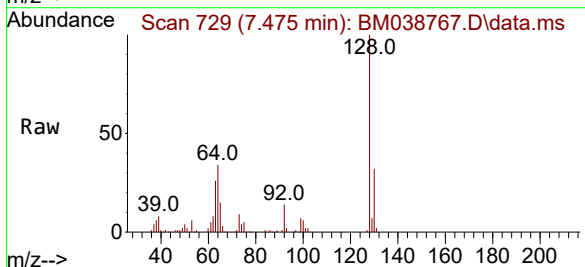
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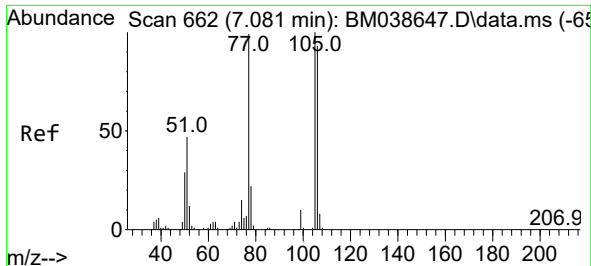
Tgt Ion: 99 Resp: 284469
Ion Ratio Lower Upper
99 100
42 15.3 14.6 22.0
71 33.8 31.0 46.4



#8
2-Chlorophenol
Concen: 60.970 ng
RT: 7.475 min Scan# 729
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion: 128 Resp: 112853
Ion Ratio Lower Upper
128 100
130 32.1 13.2 53.2
64 33.9 17.3 57.3

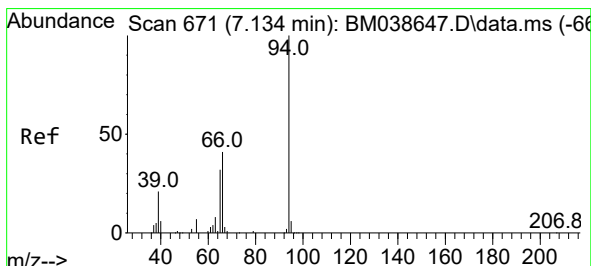
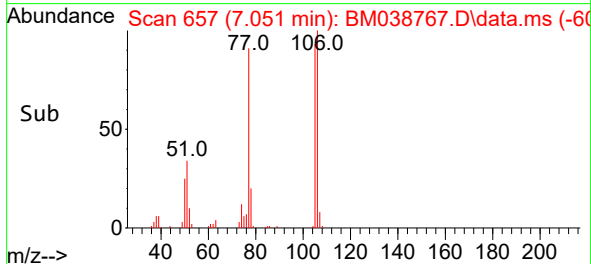
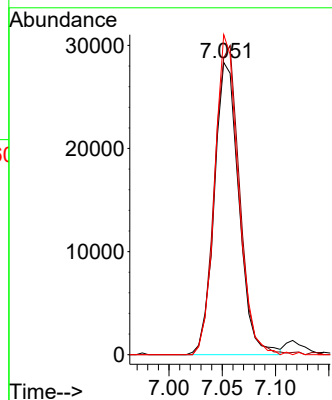
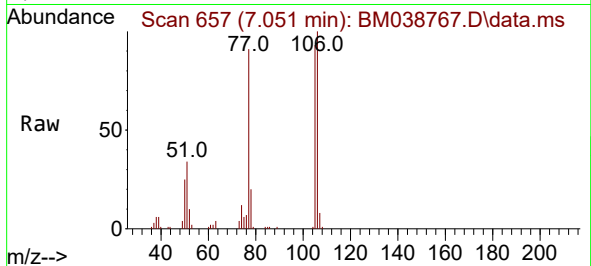




#9
Benzaldehyde
Concen: 53.366 ng
RT: 7.051 min Scan# 662
Delta R.T. -0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

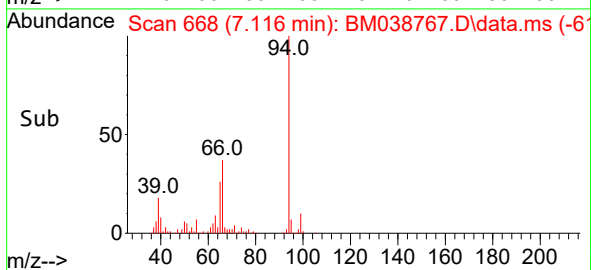
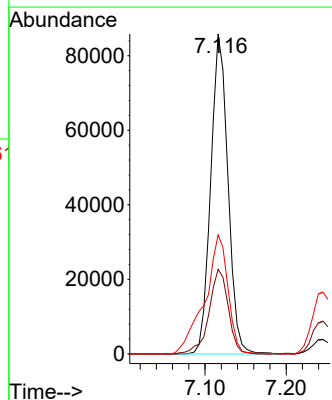
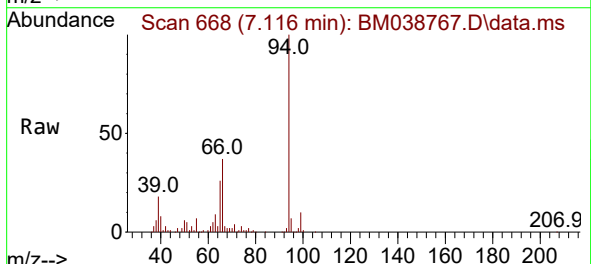
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BU-3-021523MSD

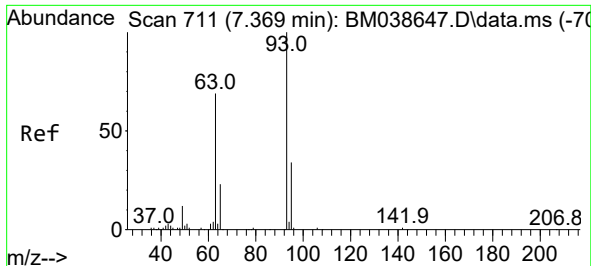
Tgt Ion: 77 Resp: 45506
Ion Ratio Lower Upper
77 100
105 101.6 80.8 120.8
106 109.5 73.8 113.8



#10
Phenol
Concen: 64.615 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion: 94 Resp: 126292
Ion Ratio Lower Upper
94 100
65 26.4 12.3 52.3
66 37.2 24.2 64.2

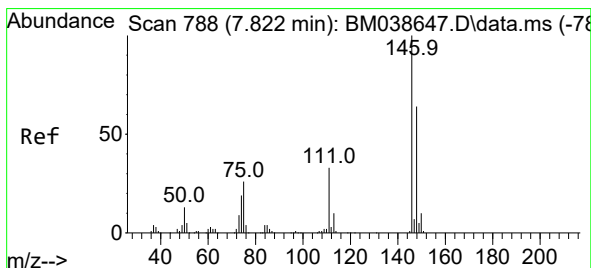
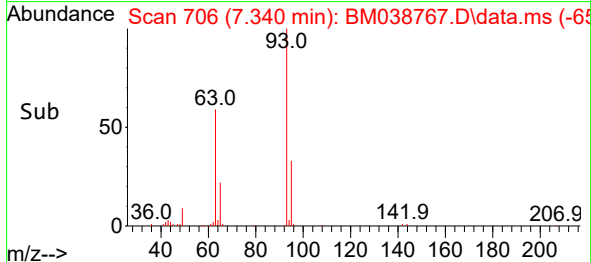
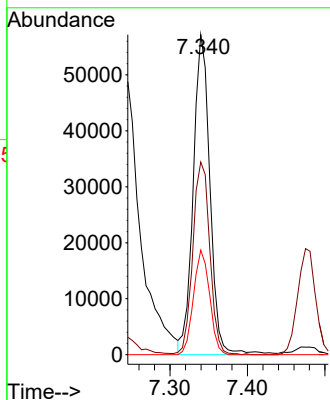
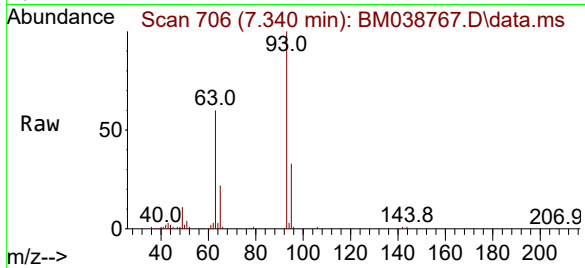




#11
bis(2-Chloroethyl)ether
Concen: 54.251 ng
RT: 7.340 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

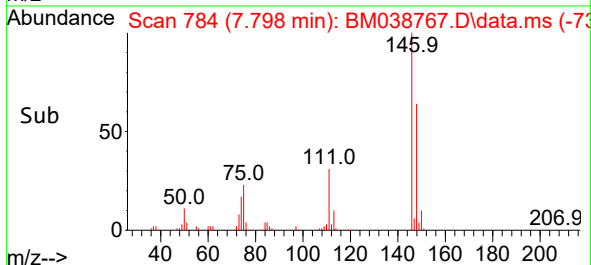
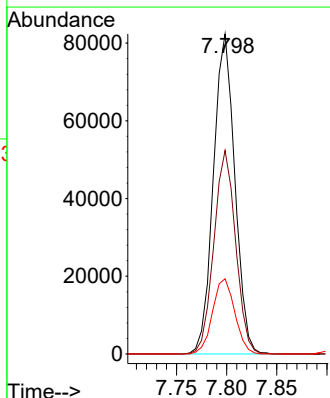
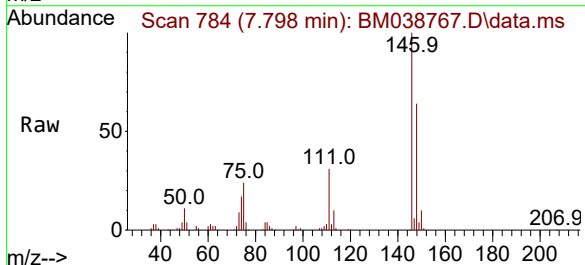
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

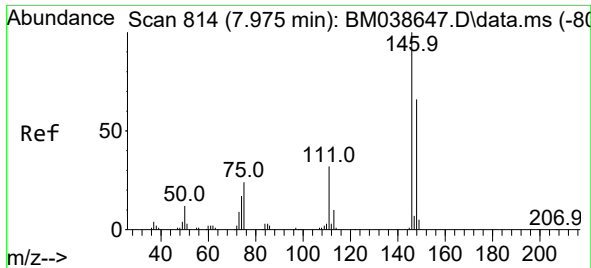
Tgt Ion: 93 Resp: 85870
Ion Ratio Lower Upper
93 100
63 60.2 48.5 88.5
95 32.6 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 51.801 ng
RT: 7.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion: 146 Resp: 122505
Ion Ratio Lower Upper
146 100
148 63.6 51.5 77.3
75 23.5 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 51.414 ng

RT: 7.945 min Scan# 809

Delta R.T. -0.006 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MSD

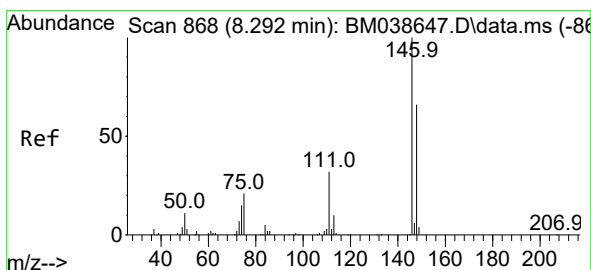
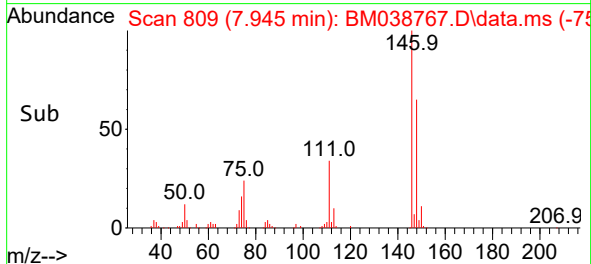
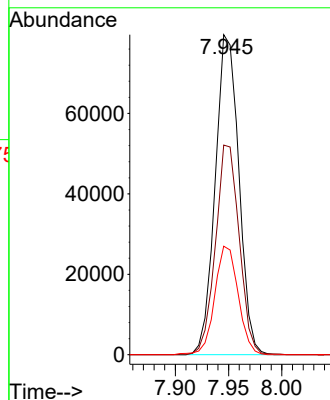
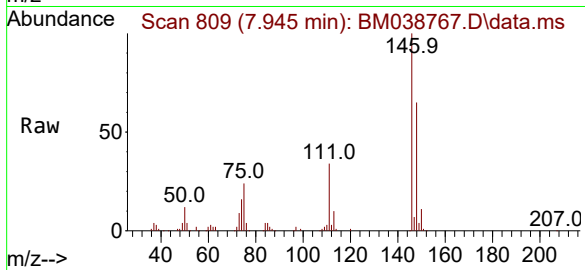
Tgt Ion:146 Resp: 122713

Ion Ratio Lower Upper

146 100

148 65.5 53.1 79.7

111 33.9 25.9 38.9



#14

1,2-Dichlorobenzene

Concen: 53.858 ng

RT: 8.263 min Scan# 863

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

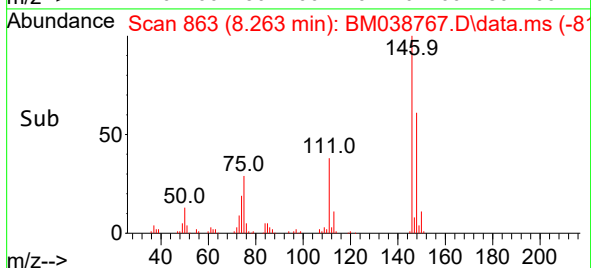
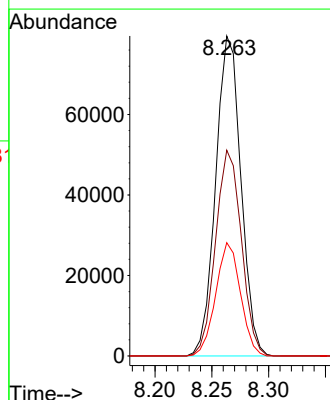
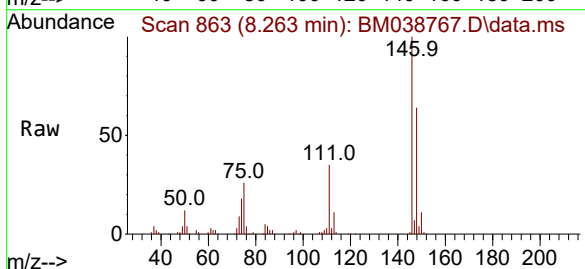
Tgt Ion:146 Resp: 123146

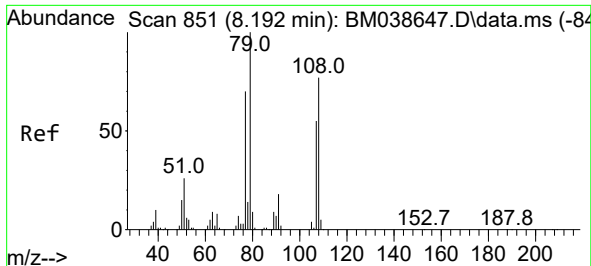
Ion Ratio Lower Upper

146 100

148 64.3 52.9 79.3

111 35.4 26.2 39.2

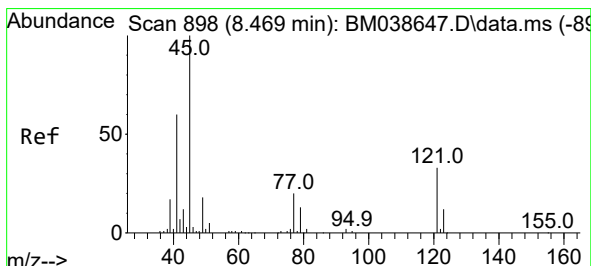
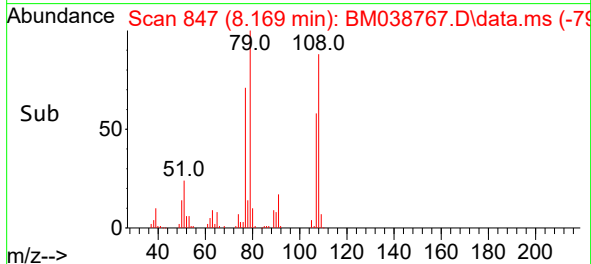
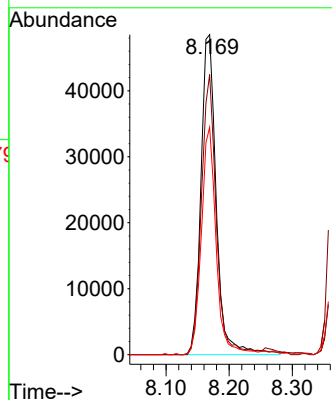
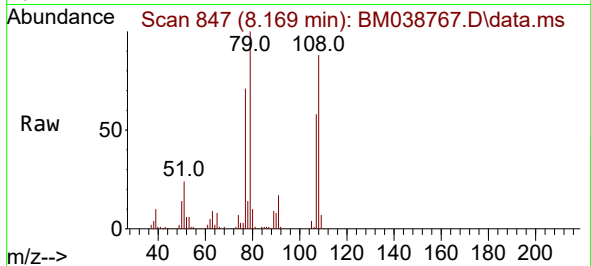




#15
Benzyl Alcohol
Concen: 57.480 ng
RT: 8.169 min Scan# 847
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

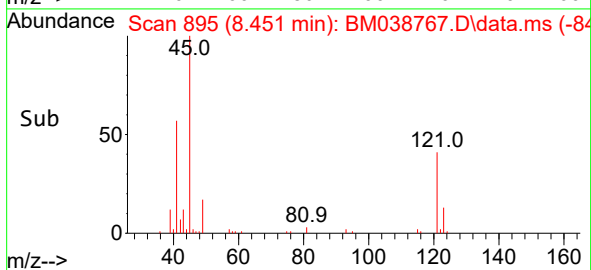
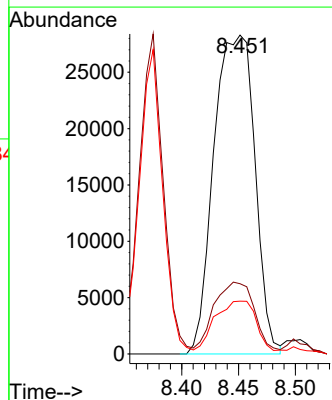
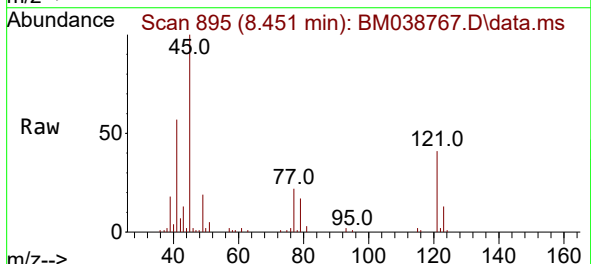
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

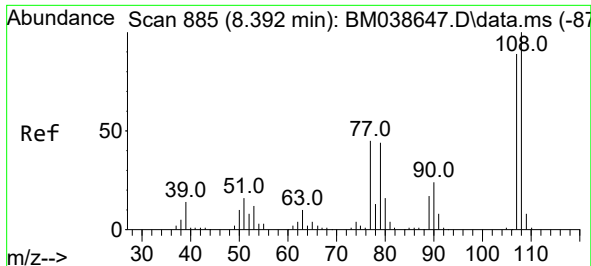
Tgt Ion: 79 Resp: 81850
Ion Ratio Lower Upper
79 100
108 87.5 61.9 92.9
77 71.1 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.392 ng
RT: 8.451 min Scan# 895
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion: 45 Resp: 71053
Ion Ratio Lower Upper
45 100
77 22.0 1.1 41.1
79 16.6 0.0 34.6

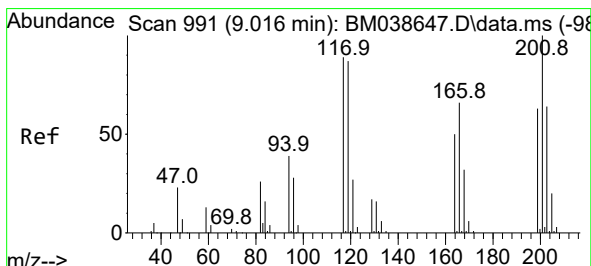
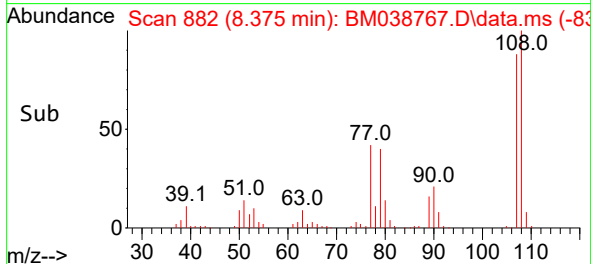
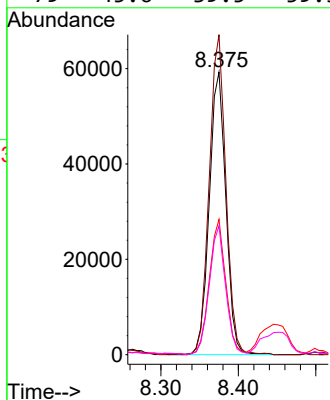
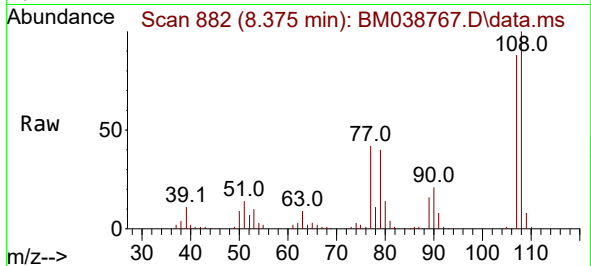




#17
2-Methylphenol
Concen: 58.991 ng
RT: 8.375 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

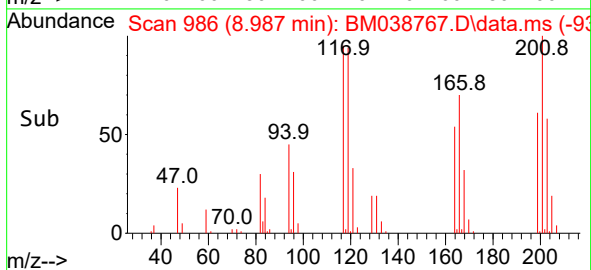
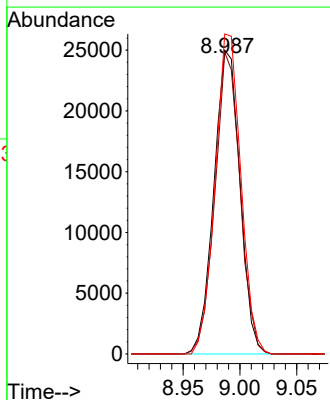
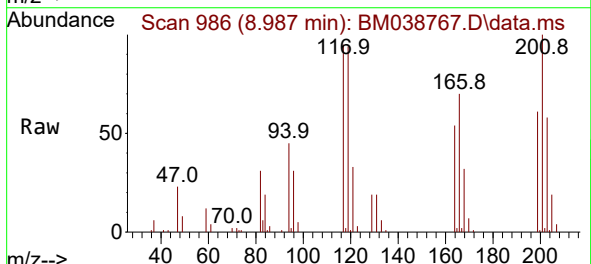
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

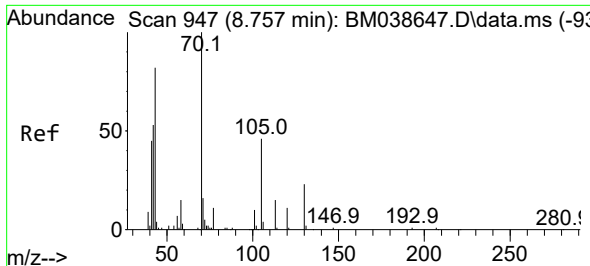
Tgt Ion:	107	Resp:	88438
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.6	134.4
77	47.9	40.7	61.1
79	45.6	39.5	59.3



#18
Hexachloroethane
Concen: 51.803 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:	117	Resp:	39930
Ion	Ratio	Lower	Upper
117	100		
119	99.3	78.6	117.8
201	105.4	90.2	135.2

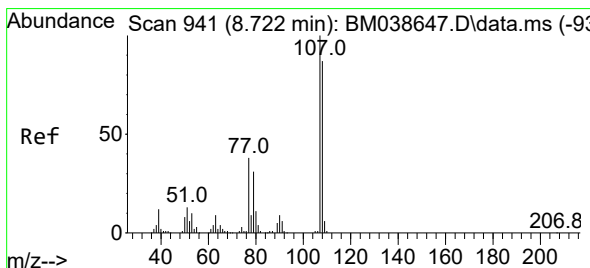
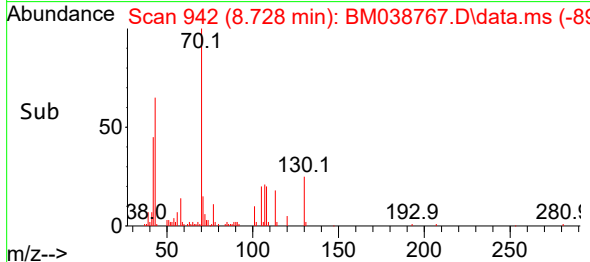
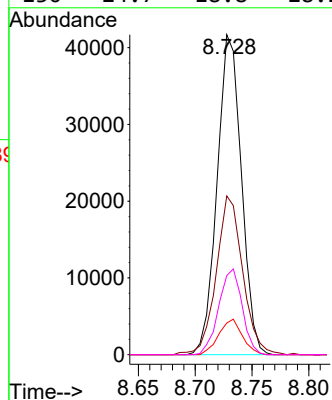
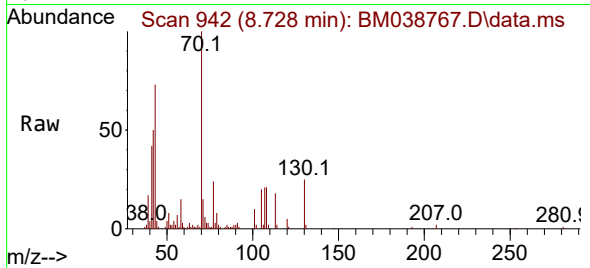




#19
n-Nitroso-di-n-propylamine
Concen: 53.234 ng
RT: 8.728 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

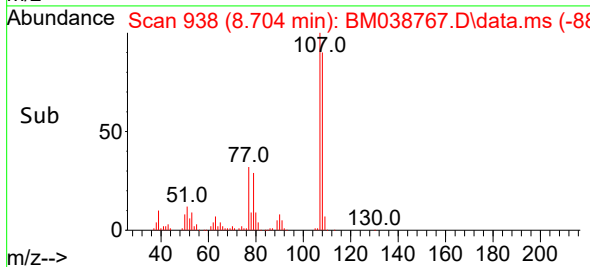
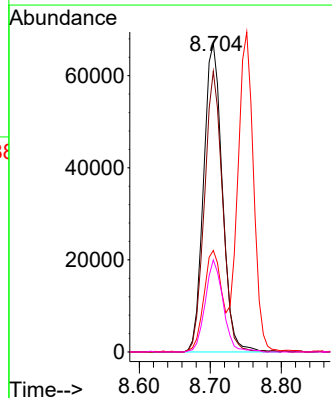
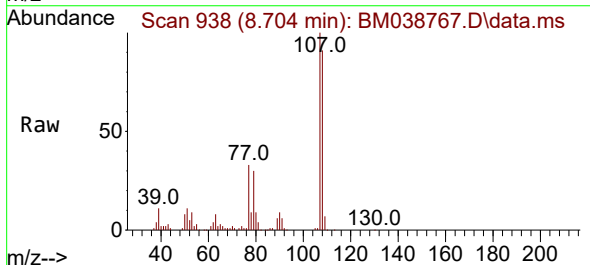
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

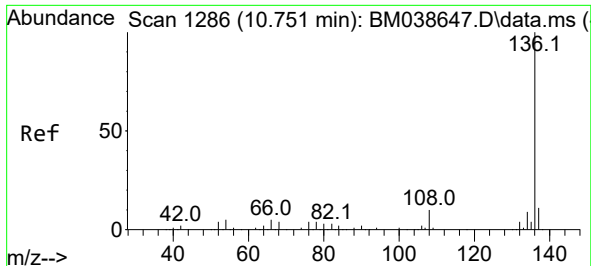
Tgt Ion:	70	Resp:	62079
Ion	Ratio	Lower	Upper
70	100		
42	49.6	43.4	65.2
101	9.9	8.2	12.2
130	24.7	18.8	28.2



#20
3+4-Methylphenols
Concen: 61.529 ng
RT: 8.704 min Scan# 938
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:	107	Resp:	122985
Ion	Ratio	Lower	Upper
107	100		
108	91.0	67.2	107.2
77	32.9	17.5	57.5
79	29.8	10.8	50.8

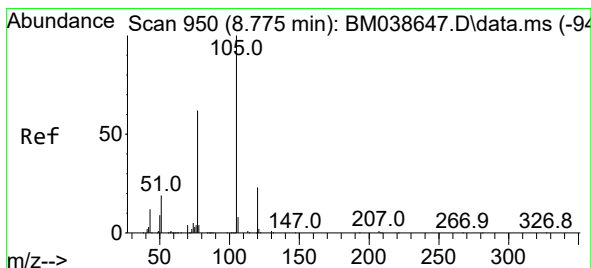
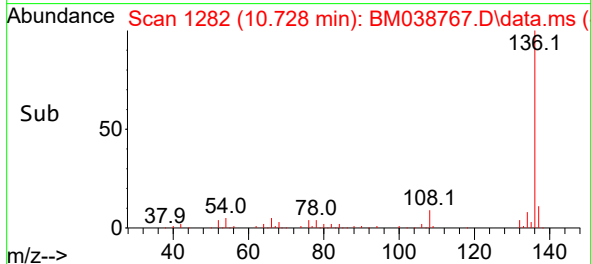
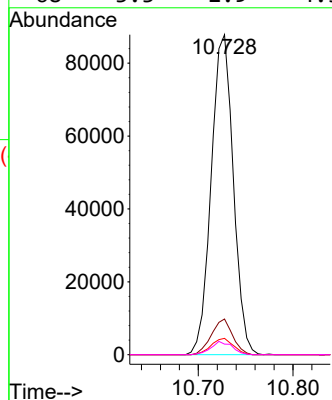
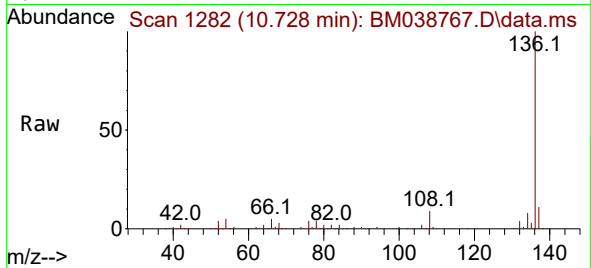




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

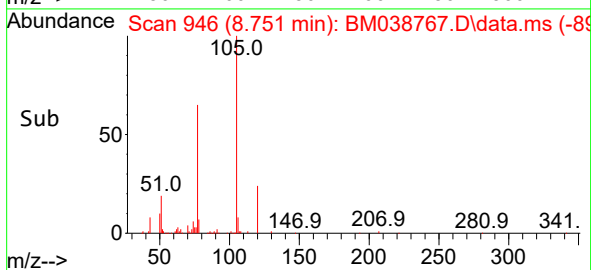
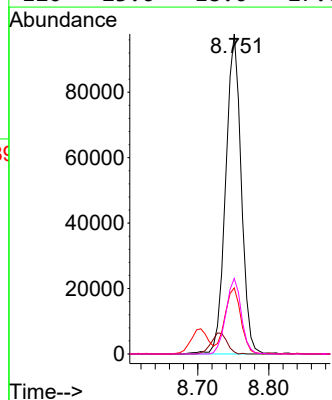
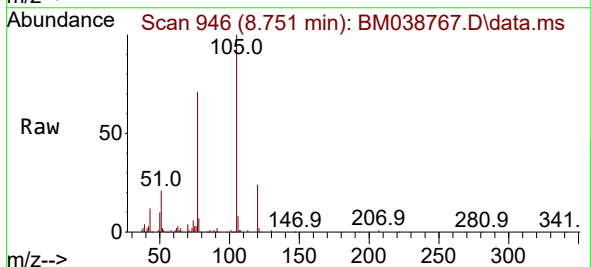
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

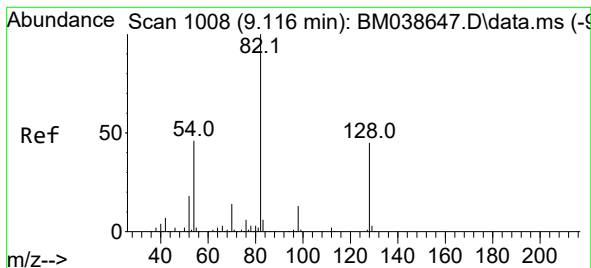
Tgt Ion:	136	Resp:	142175
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	5.1	4.2	6.4
68	3.3	2.9	4.3



#22
Acetophenone
Concen: 43.726 ng
RT: 8.751 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:	105	Resp:	148257
Ion Ratio	Lower	Upper	
105	100		
71	0.7	0.9	1.3#
51	20.7	19.3	28.9
120	23.6	18.0	27.0





#23

Nitrobenzene-d5

Concen: 66.402 ng

RT: 9.092 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MSD

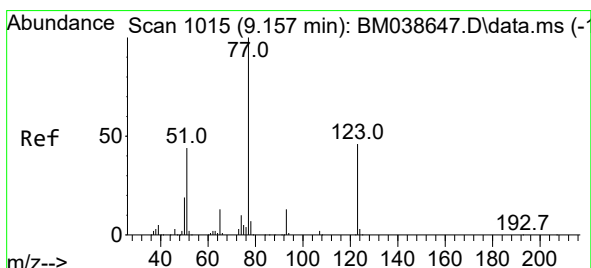
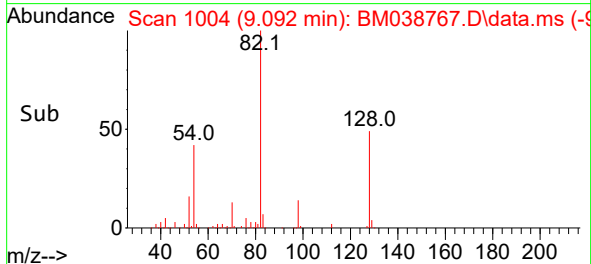
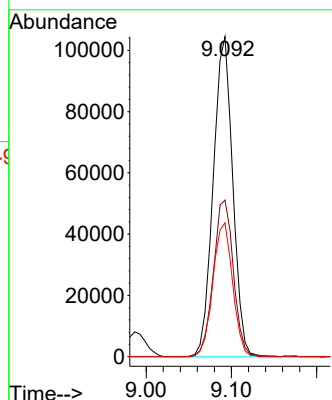
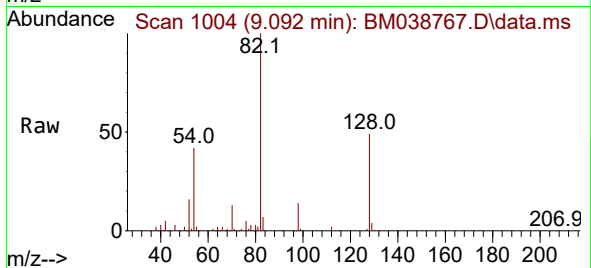
Tgt Ion: 82 Resp: 166208

Ion Ratio Lower Upper

82 100

128 49.0 36.0 54.0

54 41.8 36.8 55.2



#24

Nitrobenzene

Concen: 41.797 ng

RT: 9.134 min Scan# 1011

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

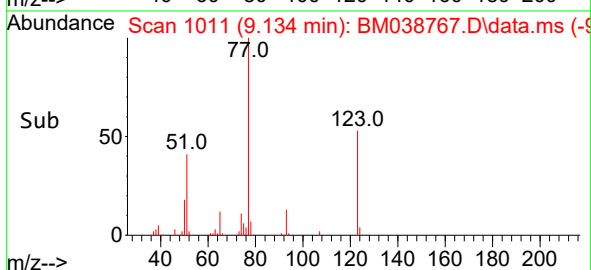
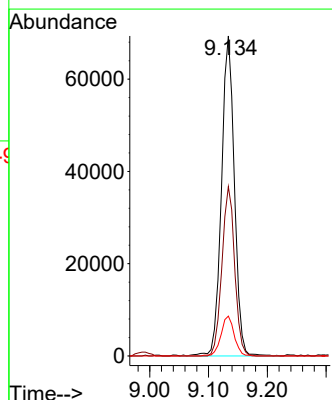
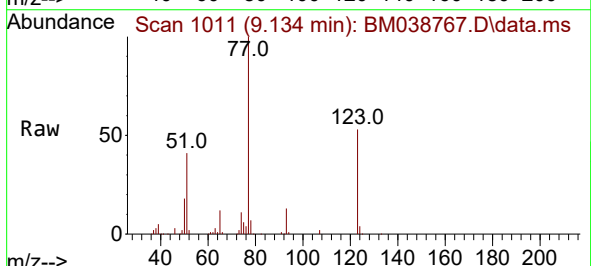
Tgt Ion: 77 Resp: 106190

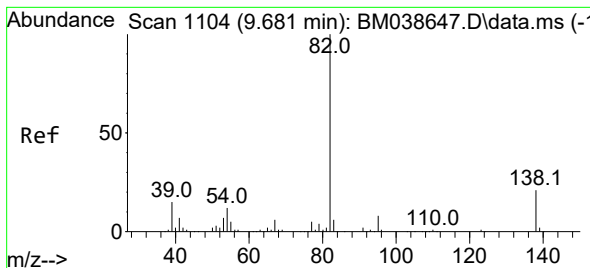
Ion Ratio Lower Upper

77 100

123 52.9 36.5 54.7

65 12.5 10.7 16.1





#25

Isophorone

Concen: 43.370 ng

RT: 9.657 min Scan# 1100

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MSD

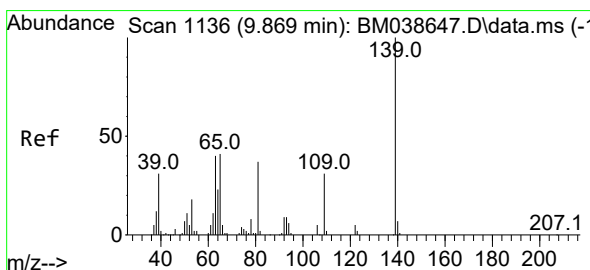
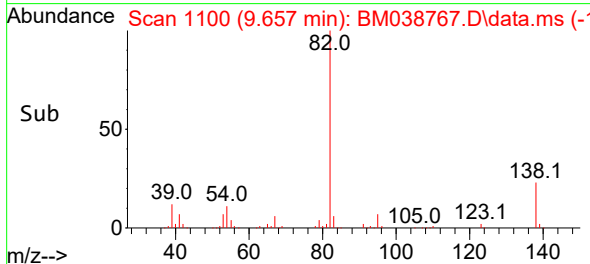
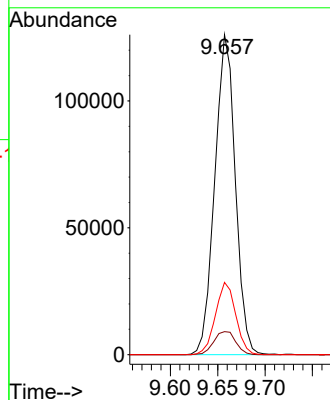
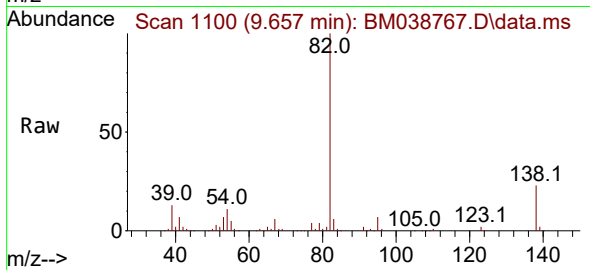
Tgt Ion: 82 Resp: 190173

Ion Ratio Lower Upper

82 100

95 7.2 6.4 9.6

138 22.6 17.0 25.6



#26

2-Nitrophenol

Concen: 49.260 ng

RT: 9.845 min Scan# 1132

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

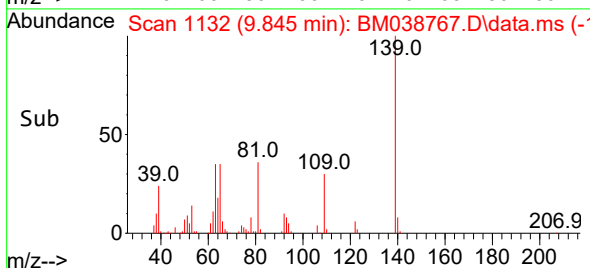
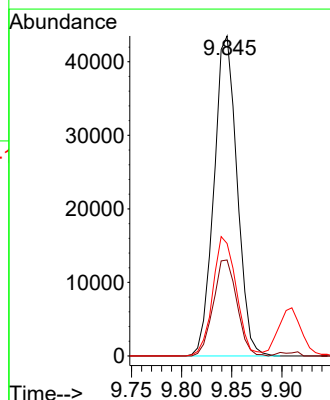
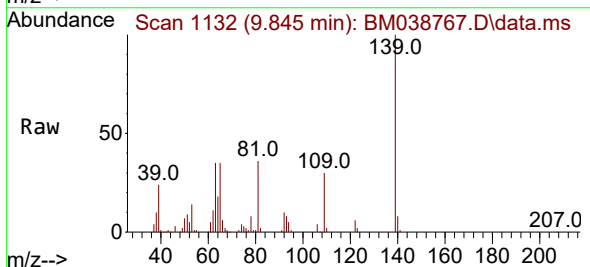
Tgt Ion: 139 Resp: 69641

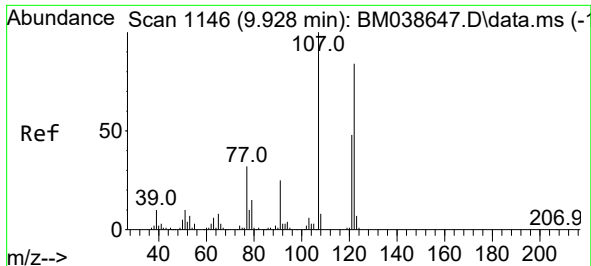
Ion Ratio Lower Upper

139 100

109 30.0 24.5 36.7

65 35.1 32.6 49.0

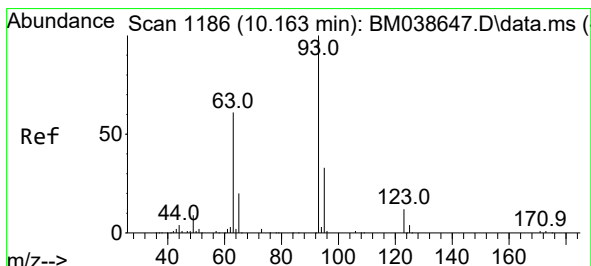
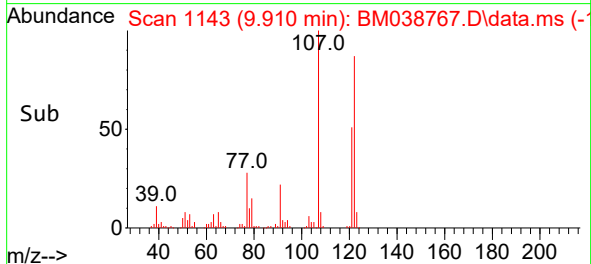
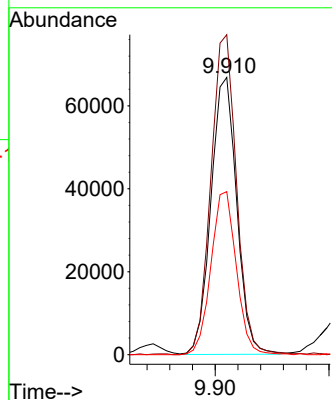
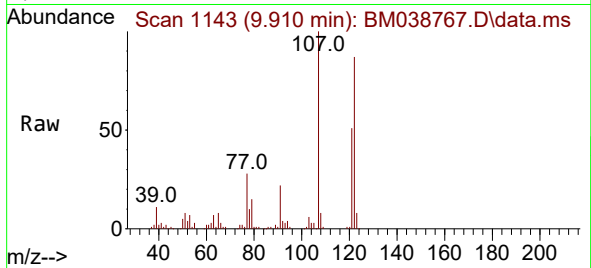




#27
2,4-Dimethylphenol
Concen: 51.707 ng
RT: 9.910 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

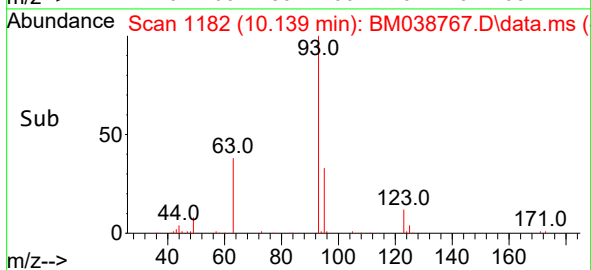
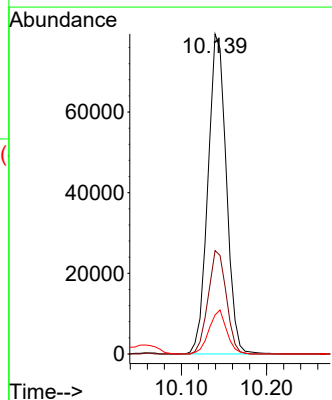
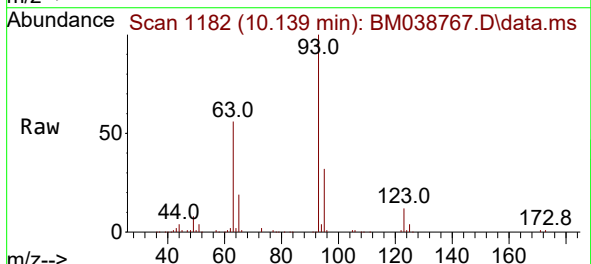
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

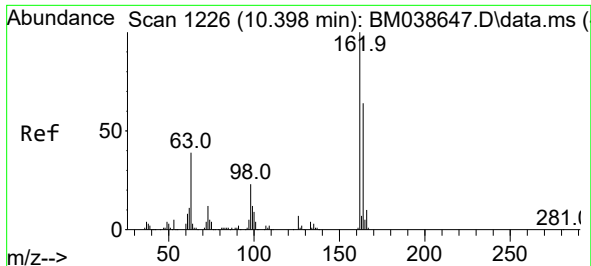
Tgt Ion:122 Resp: 105468
Ion Ratio Lower Upper
122 100
107 115.4 94.9 142.3
121 58.8 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 44.296 ng
RT: 10.139 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion: 93 Resp: 118701
Ion Ratio Lower Upper
93 100
95 32.3 26.6 40.0
123 12.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 47.402 ng

RT: 10.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MSD

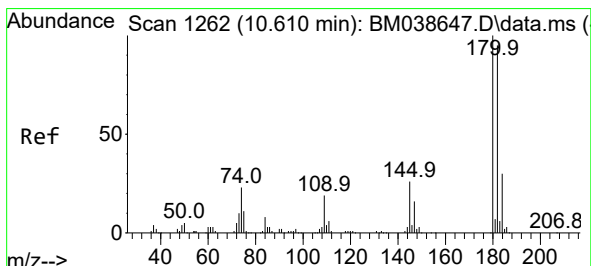
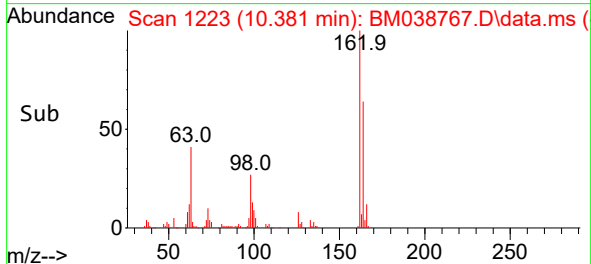
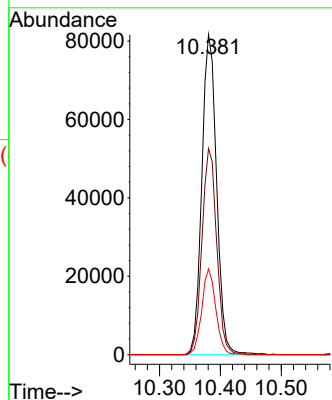
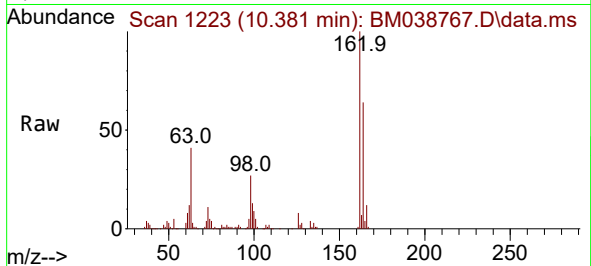
Tgt Ion:162 Resp: 137366

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

98 26.8 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 41.510 ng

RT: 10.586 min Scan# 1258

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

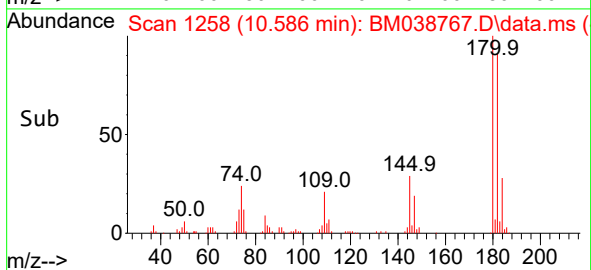
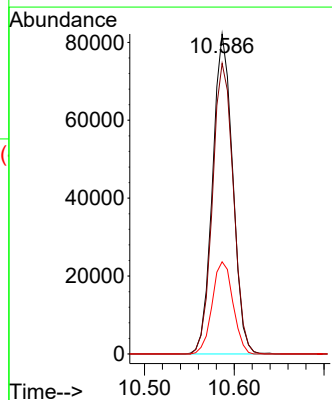
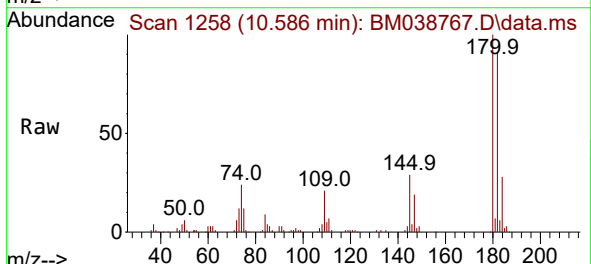
Tgt Ion:180 Resp: 127958

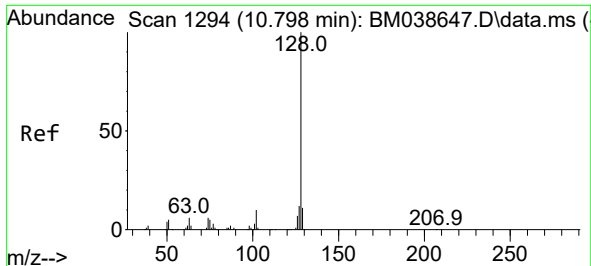
Ion Ratio Lower Upper

180 100

182 90.8 76.2 114.2

145 28.8 20.8 31.2

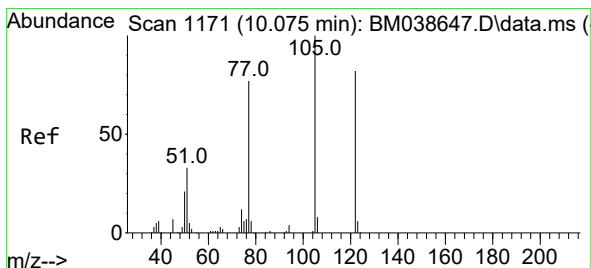
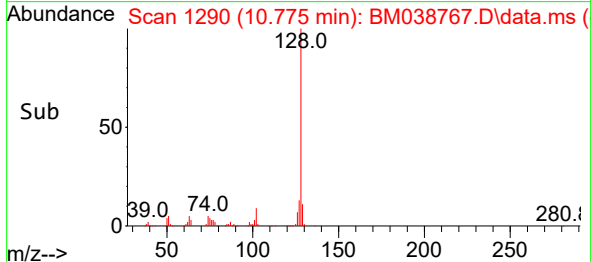
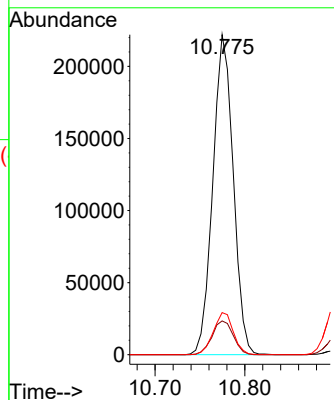
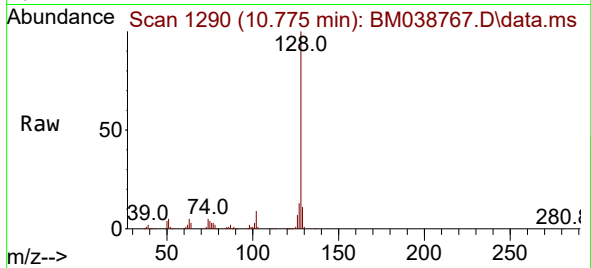




#31
Naphthalene
Concen: 48.031 ng
RT: 10.775 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

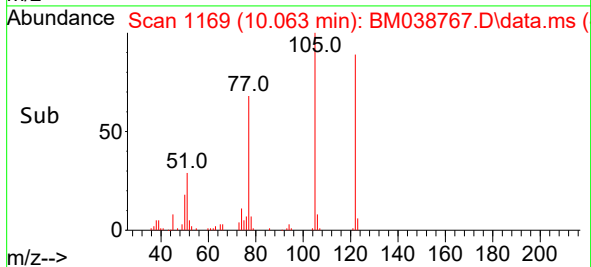
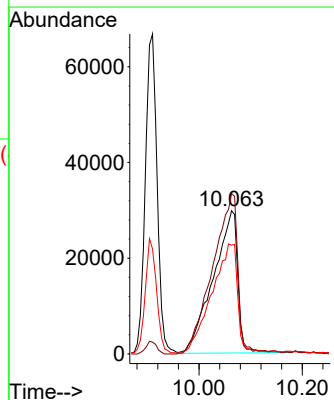
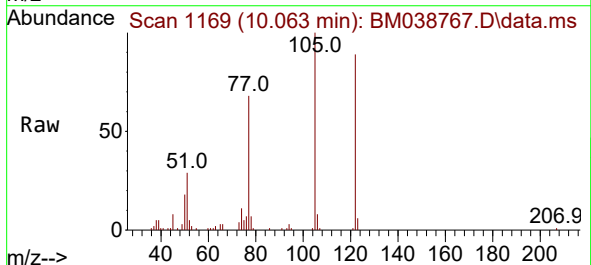
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

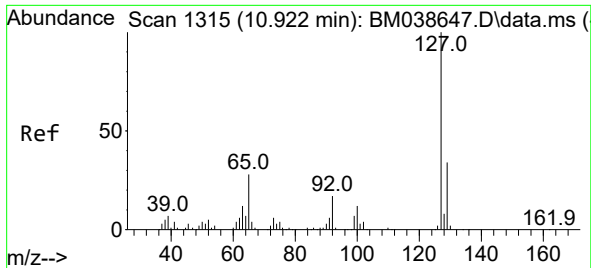
Tgt Ion:128 Resp: 350425
Ion Ratio Lower Upper
128 100
129 10.6 9.1 13.7
127 13.2 9.9 14.9



#32
Benzoic acid
Concen: 59.006 ng
RT: 10.063 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:122 Resp: 97427
Ion Ratio Lower Upper
122 100
105 112.0 99.2 139.2
77 75.9 72.3 112.3

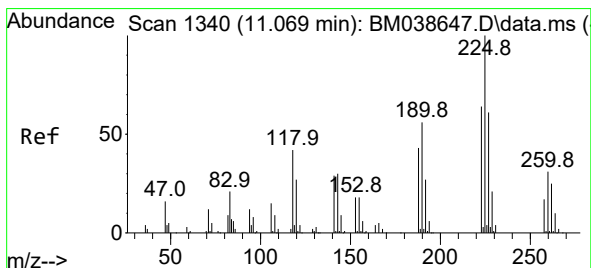
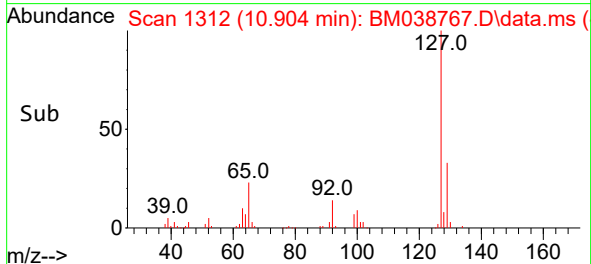
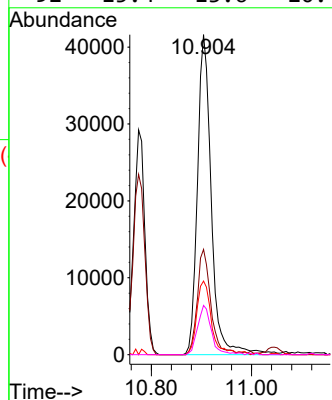
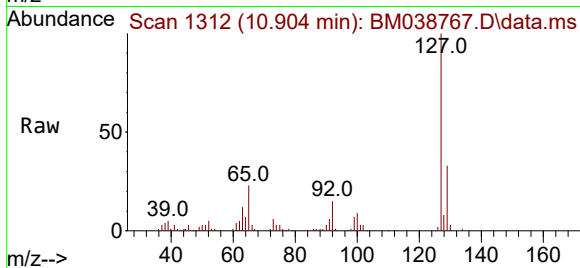




#33
4-Chloroaniline
Concen: 25.035 ng
RT: 10.904 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

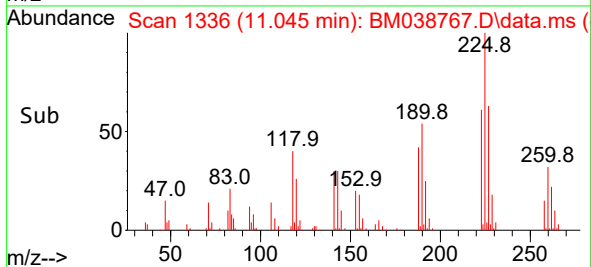
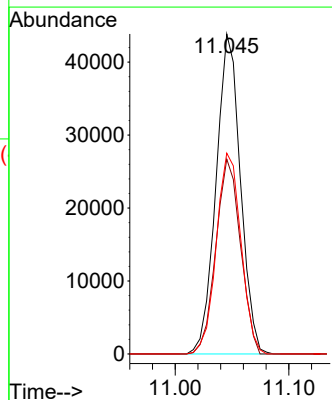
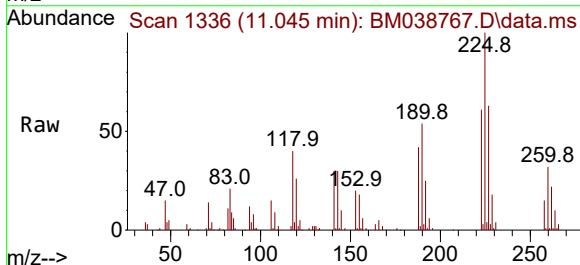
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

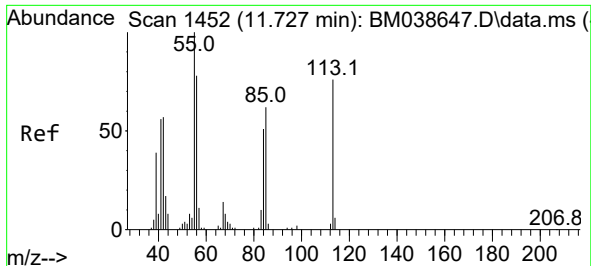
Tgt Ion:	127	Resp:	80048
Ion Ratio	Lower	Upper	
127	100		
129	32.9	27.1	40.7
65	23.0	22.2	33.4
92	15.4	13.6	20.4



#34
Hexachlorobutadiene
Concen: 42.359 ng
RT: 11.045 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:	225	Resp:	65410
Ion Ratio	Lower	Upper	
225	100		
223	63.7	51.0	76.4
227	62.8	49.2	73.8

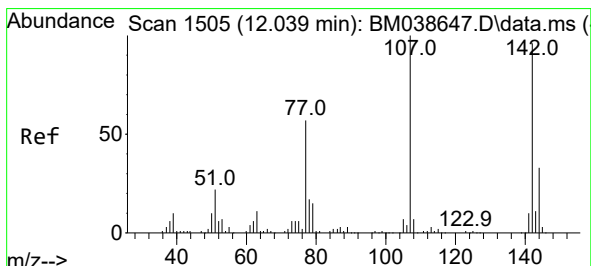
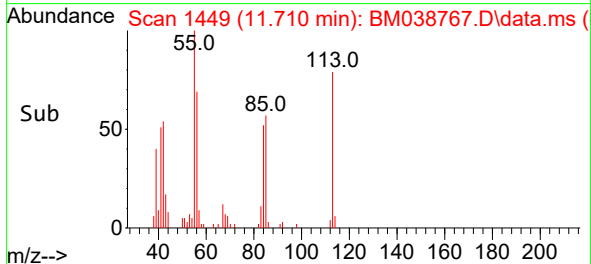
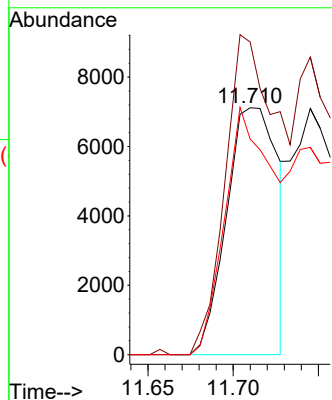
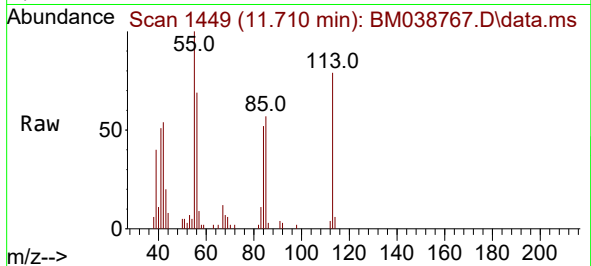




#35
Caprolactam
Concen: 23.684 ng
RT: 11.710 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

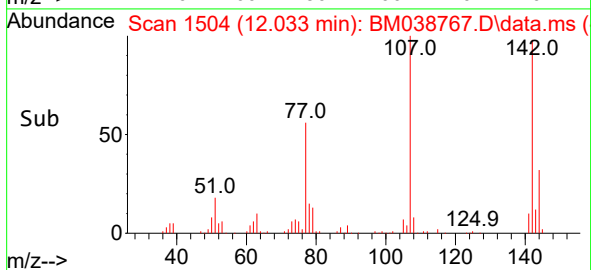
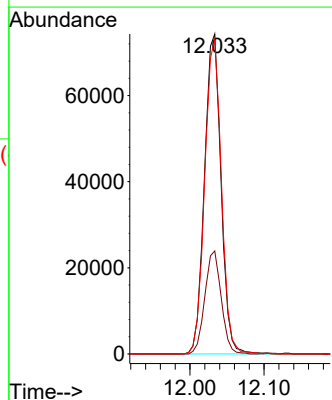
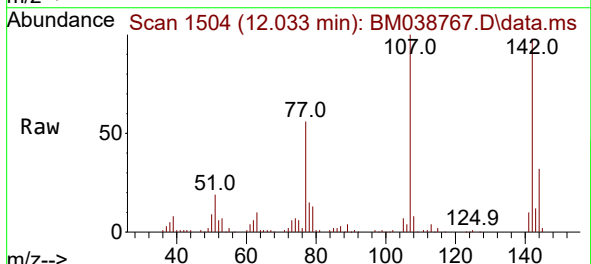
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

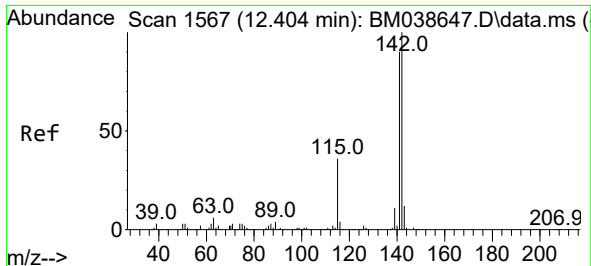
Tgt Ion:113 Resp: 14781
Ion Ratio Lower Upper
113 100
55 126.6 111.2 151.2
56 87.4 82.0 122.0



#36
4-Chloro-3-methylphenol
Concen: 53.739 ng
RT: 12.033 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:107 Resp: 115151
Ion Ratio Lower Upper
107 100
144 32.2 26.5 39.7
142 98.4 77.0 115.6





#37

2-Methylnaphthalene

Concen: 47.203 ng

RT: 12.386 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MSD

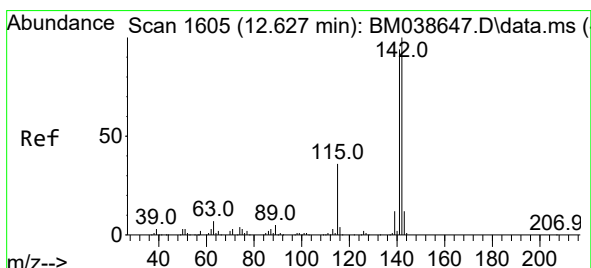
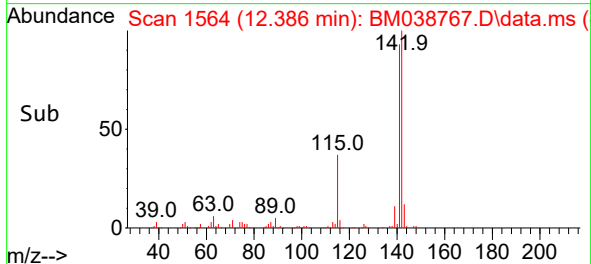
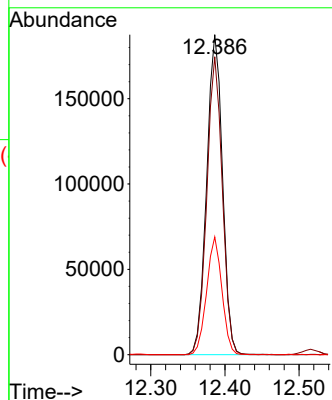
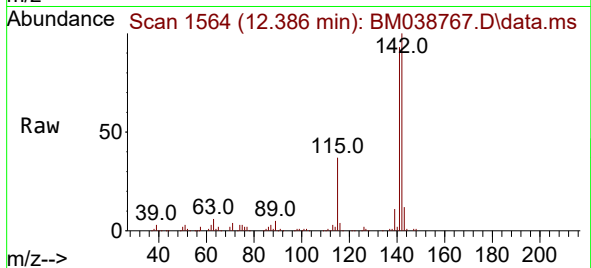
Tgt Ion:142 Resp: 278300

Ion Ratio Lower Upper

142 100

141 93.1 71.8 107.8

115 36.8 28.7 43.1



#38

1-Methylnaphthalene

Concen: 47.625 ng

RT: 12.604 min Scan# 1601

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

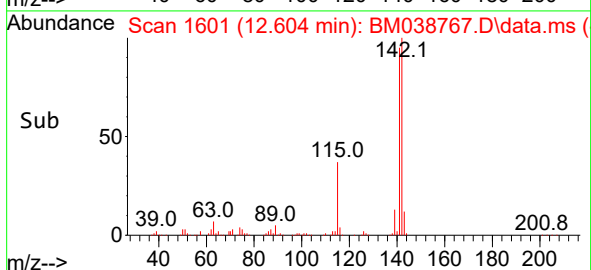
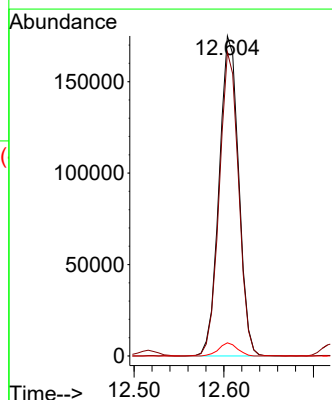
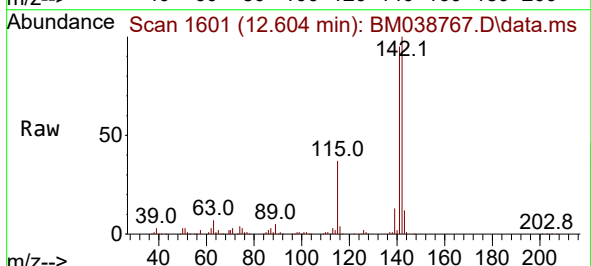
Tgt Ion:142 Resp: 264582

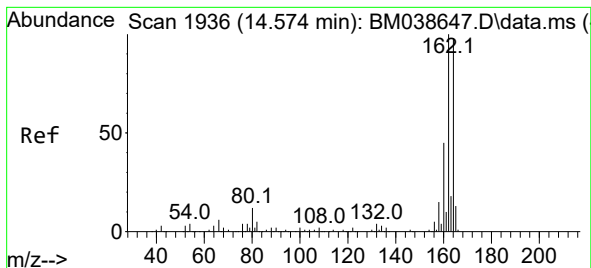
Ion Ratio Lower Upper

142 100

141 95.0 75.5 113.3

116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MSD

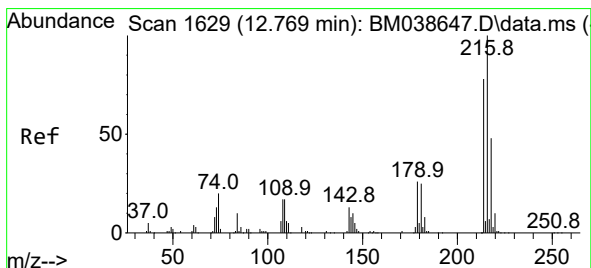
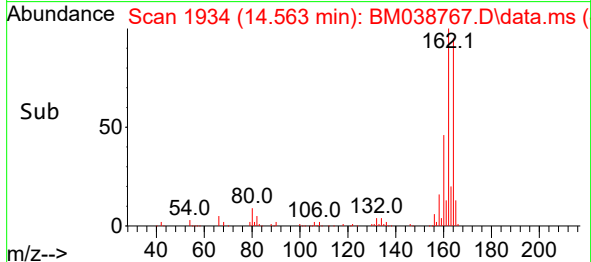
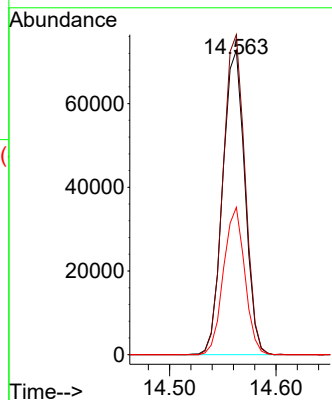
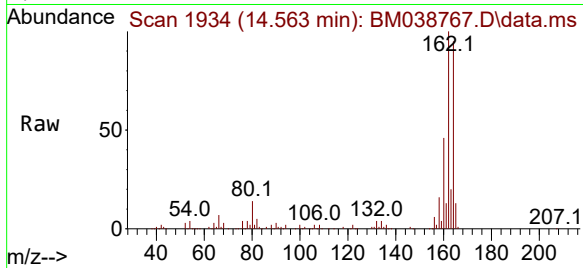
Tgt Ion:164 Resp: 104935

Ion Ratio Lower Upper

164 100

162 105.2 81.4 122.0

160 48.4 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.600 ng

RT: 12.751 min Scan# 1626

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Tgt Ion:216 Resp: 124533

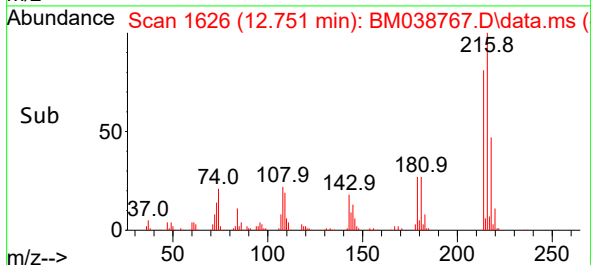
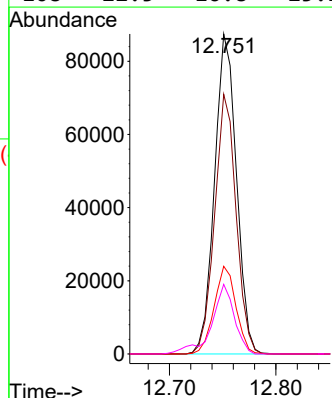
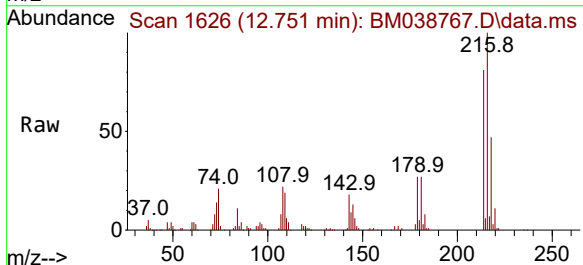
Ion Ratio Lower Upper

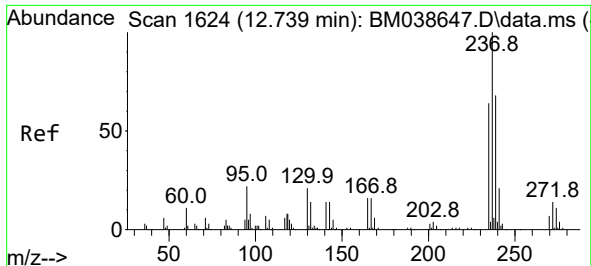
216 100

214 79.6 63.4 95.0

179 27.3 21.0 31.4

108 22.5 16.8 25.2

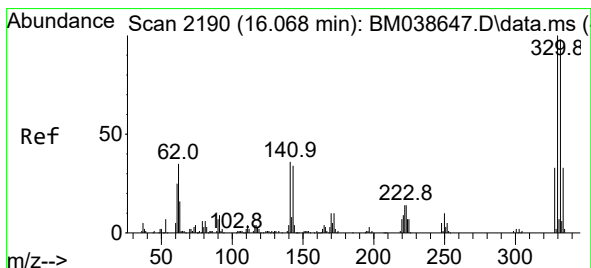
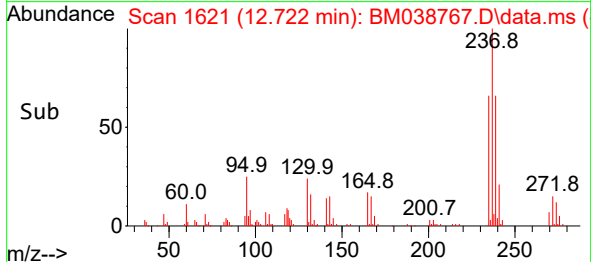
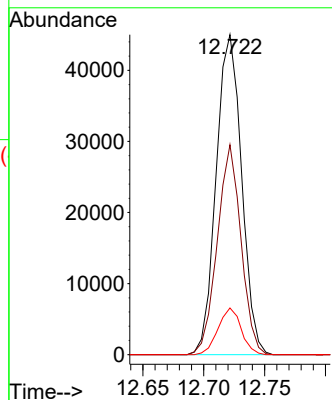
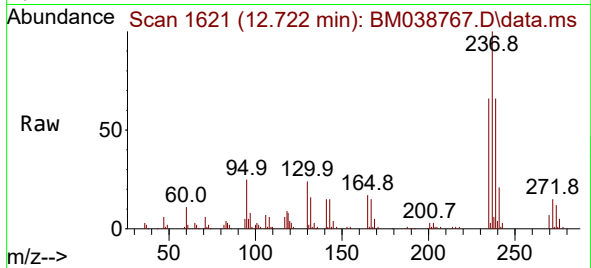




#41
Hexachlorocyclopentadiene
Concen: 38.601 ng
RT: 12.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

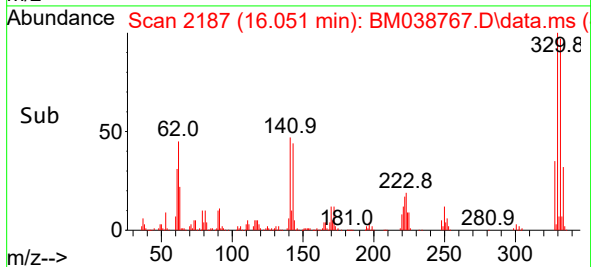
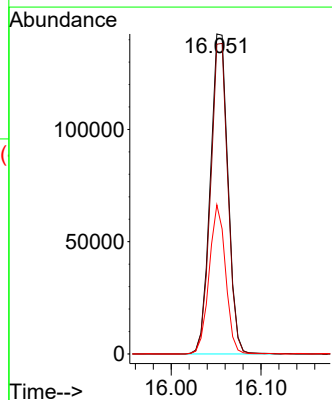
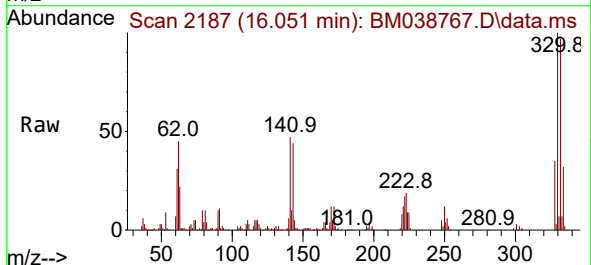
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

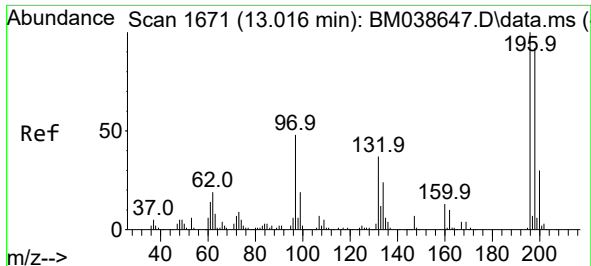
Tgt Ion:237 Resp: 65416
Ion Ratio Lower Upper
237 100
235 65.6 43.8 83.8
272 14.6 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 136.429 ng
RT: 16.051 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:330 Resp: 194588
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.6
141 43.5 31.0 46.6

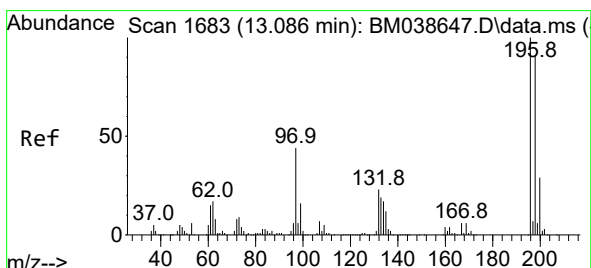
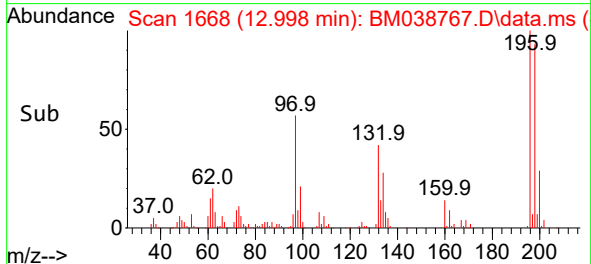
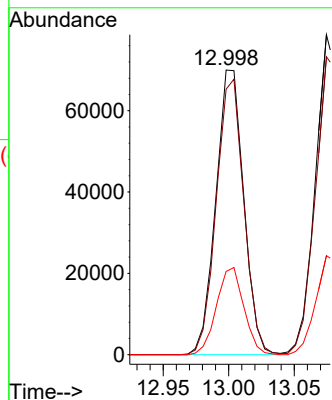
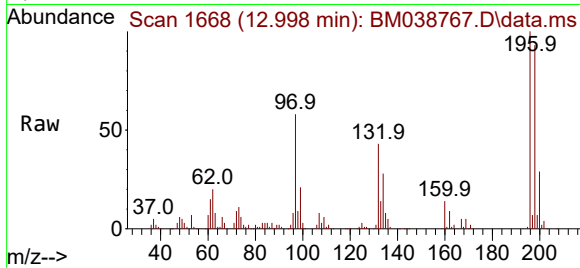




#43
2,4,6-Trichlorophenol
Concen: 48.286 ng
RT: 12.998 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

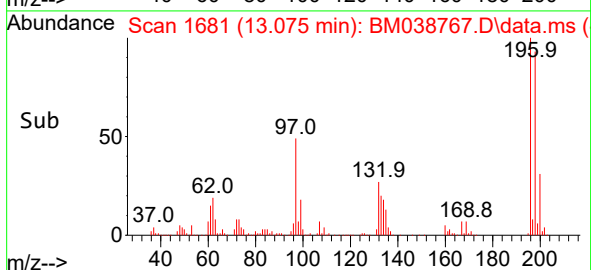
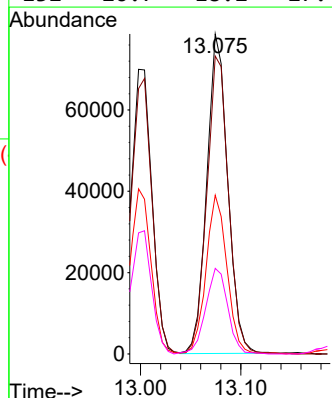
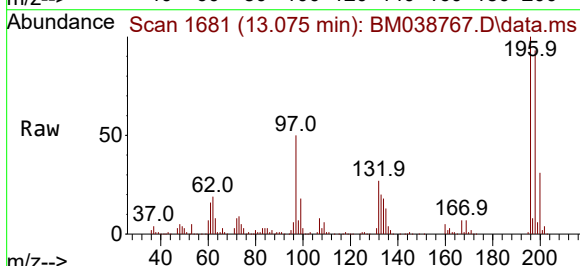
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

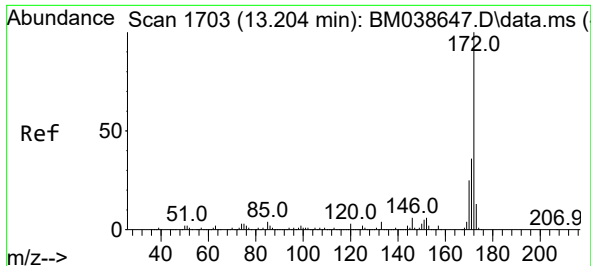
Tgt Ion:196 Resp: 103597
Ion Ratio Lower Upper
196 100
198 93.3 73.7 110.5
200 29.2 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 45.354 ng
RT: 13.075 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:196 Resp: 114509
Ion Ratio Lower Upper
196 100
198 93.1 73.1 109.7
97 49.6 35.5 53.3
132 26.7 18.2 27.4

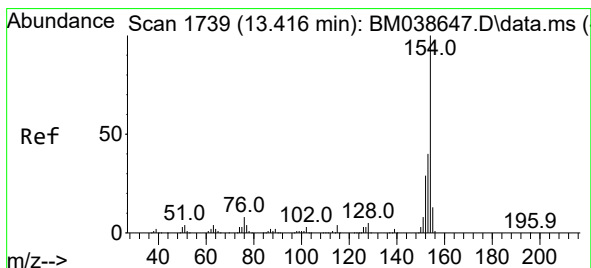
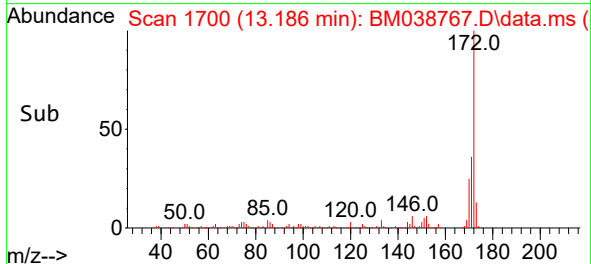
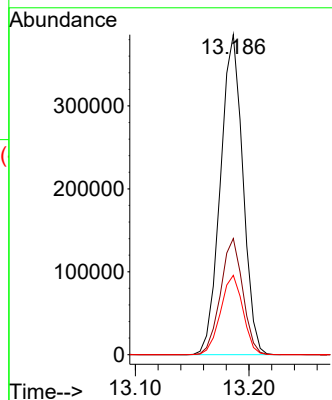
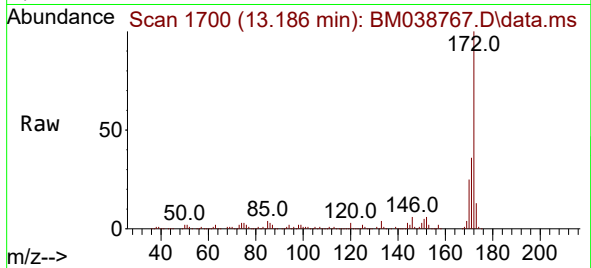




#45
2-Fluorobiphenyl
Concen: 64.323 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

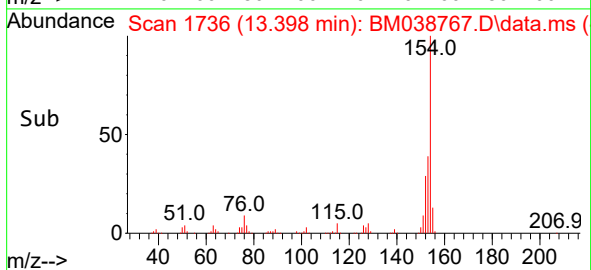
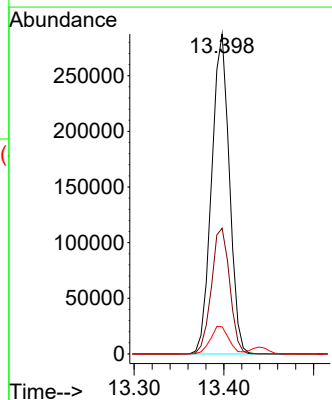
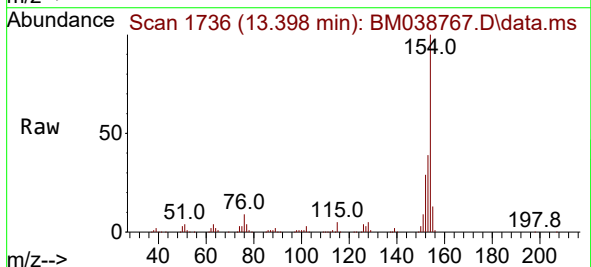
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

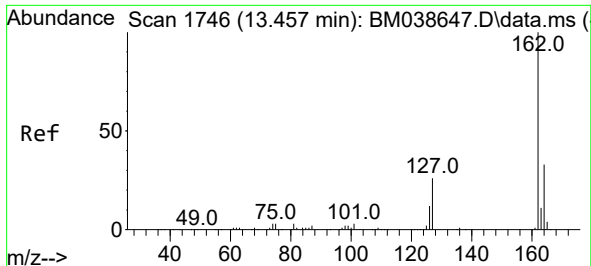
Tgt Ion:172 Resp: 530184
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.8 20.0 30.0



#46
1,1'-Biphenyl
Concen: 47.464 ng
RT: 13.398 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:154 Resp: 394539
Ion Ratio Lower Upper
154 100
153 39.3 19.9 59.9
76 8.5 0.0 27.9

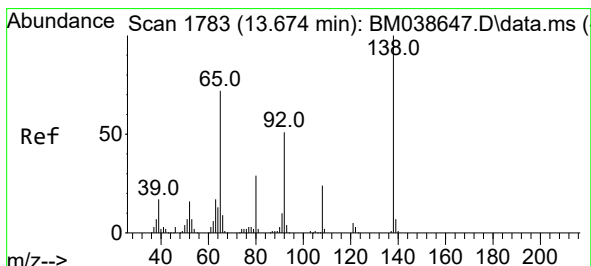
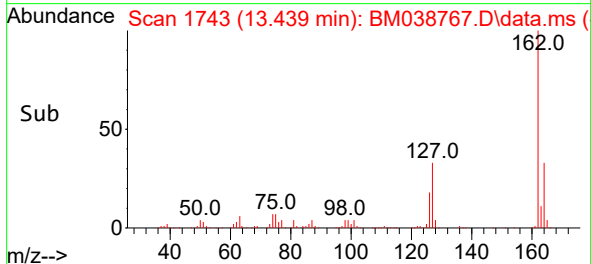
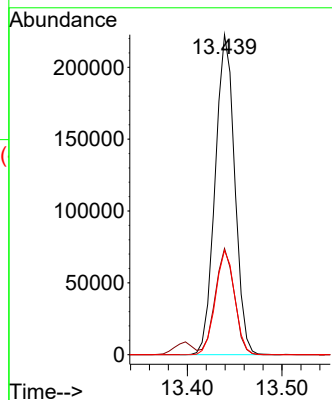
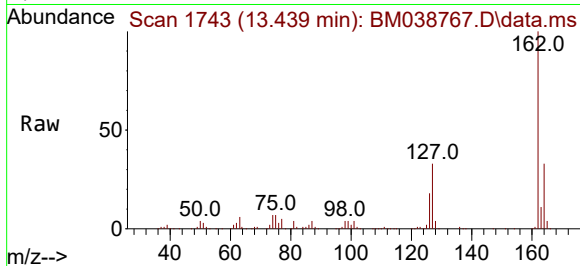




#47
2-Chloronaphthalene
Concen: 48.910 ng
RT: 13.439 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

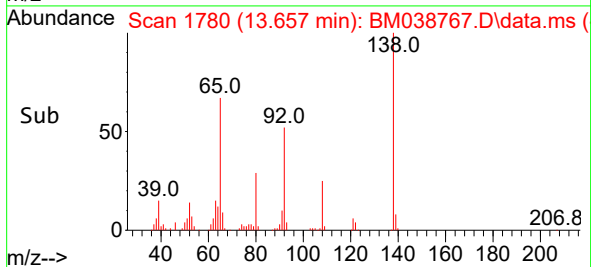
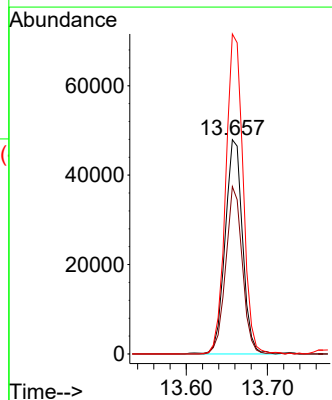
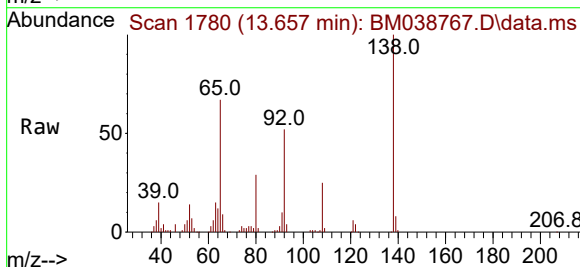
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

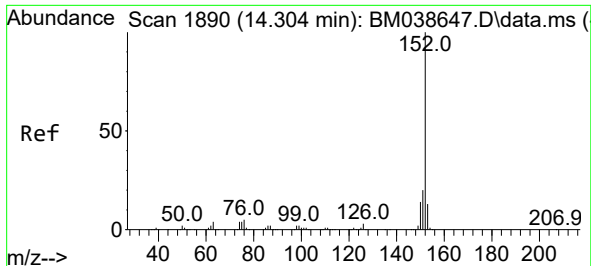
Tgt Ion:162 Resp: 319911
Ion Ratio Lower Upper
162 100
127 33.2 23.6 35.4
164 32.6 26.7 40.1



#48
2-Nitroaniline
Concen: 48.482 ng
RT: 13.657 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion: 65 Resp: 71601
Ion Ratio Lower Upper
65 100
92 78.1 55.9 83.9
138 149.3 110.6 166.0

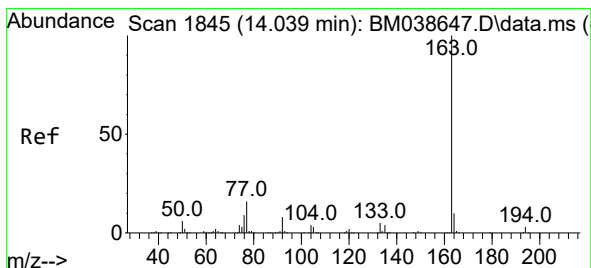
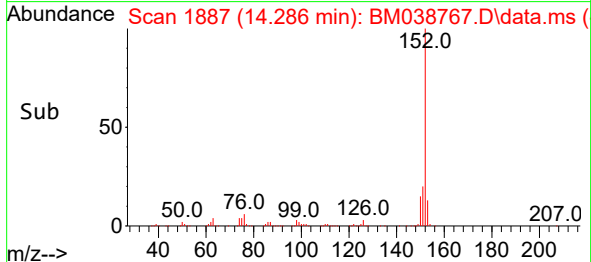
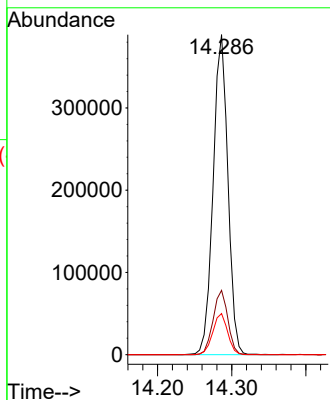
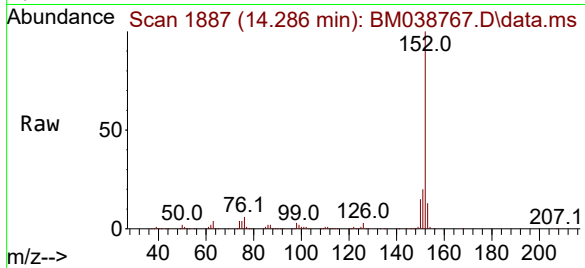




#49
Acenaphthylene
Concen: 52.186 ng
RT: 14.286 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

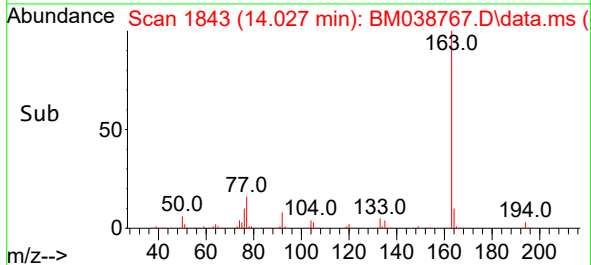
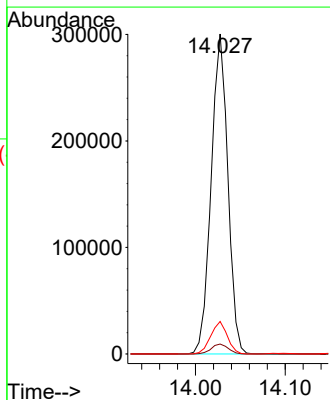
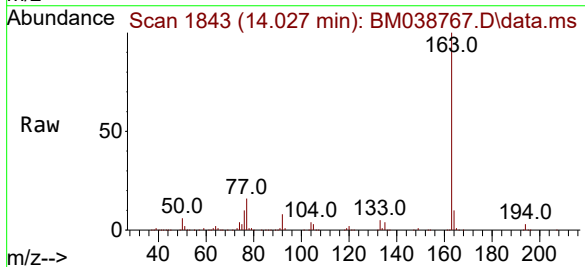
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

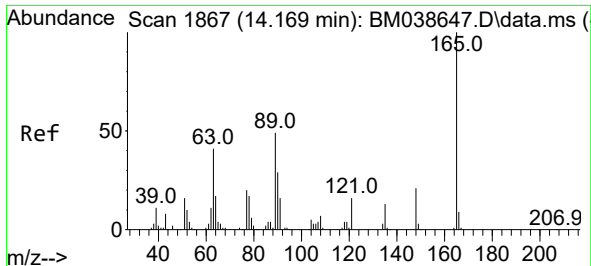
Tgt Ion:152 Resp: 537633
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 12.8 10.0 15.0



#50
Dimethylphthalate
Concen: 45.259 ng
RT: 14.027 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:163 Resp: 387569
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.2 8.2 12.4

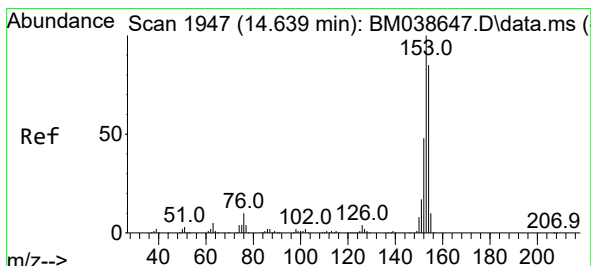
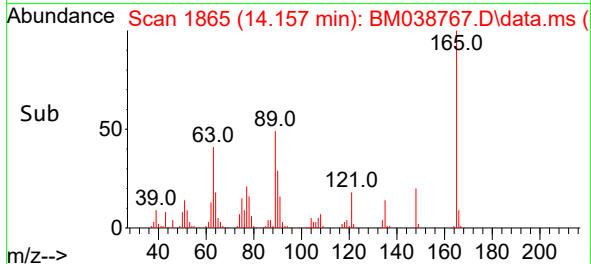
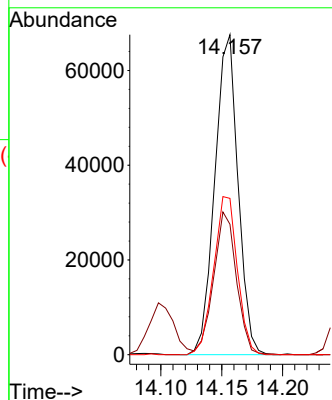
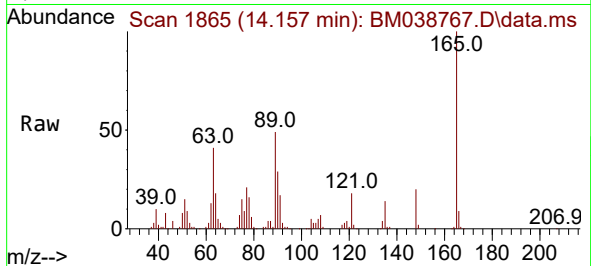




#51
2,6-Dinitrotoluene
Concen: 51.505 ng
RT: 14.157 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

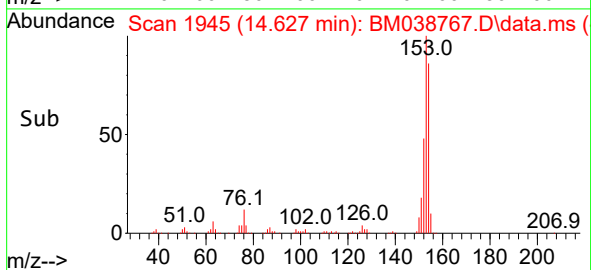
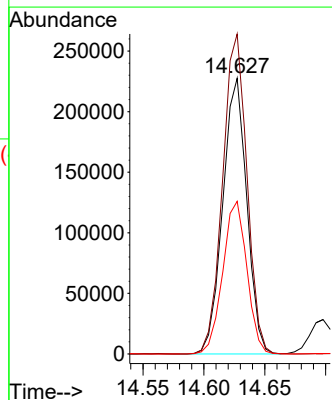
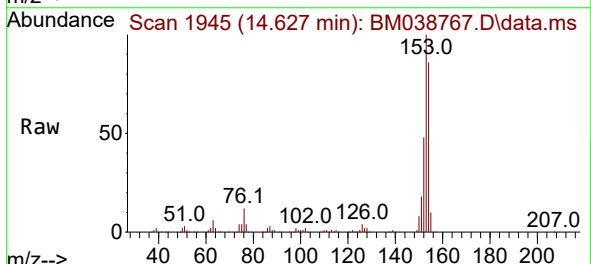
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

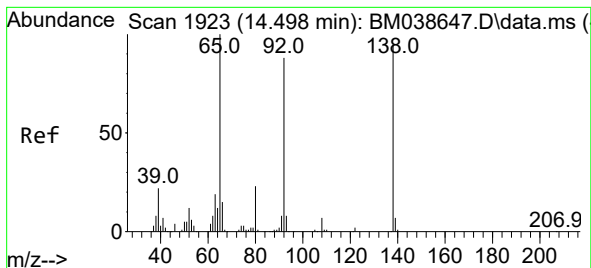
Tgt Ion:165 Resp: 89642
Ion Ratio Lower Upper
165 100
63 40.8 35.8 53.8
89 48.9 39.3 58.9



#52
Acenaphthene
Concen: 50.802 ng
RT: 14.627 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:154 Resp: 312508
Ion Ratio Lower Upper
154 100
153 116.1 93.7 140.5
152 55.4 44.6 67.0

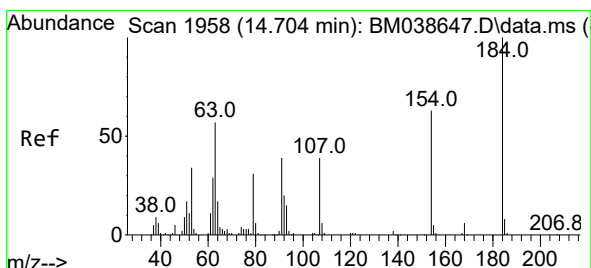
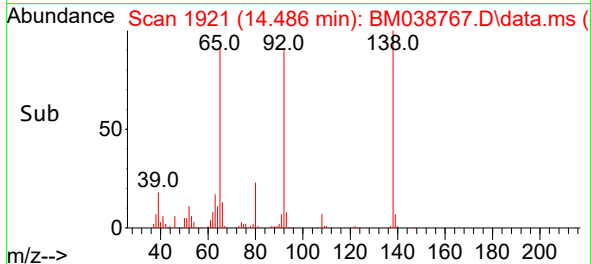
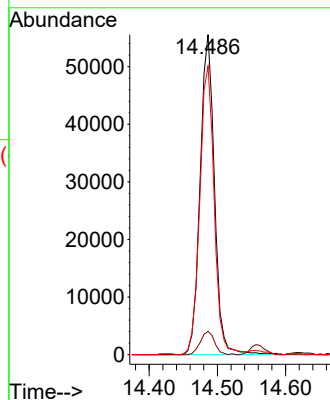
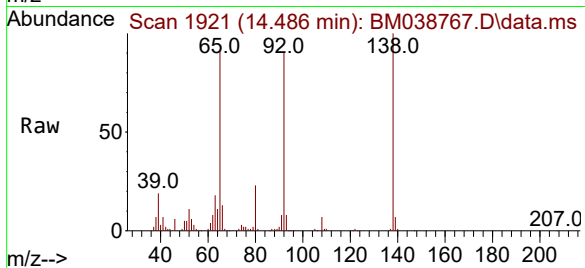




#53
3-Nitroaniline
Concen: 44.801 ng
RT: 14.486 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

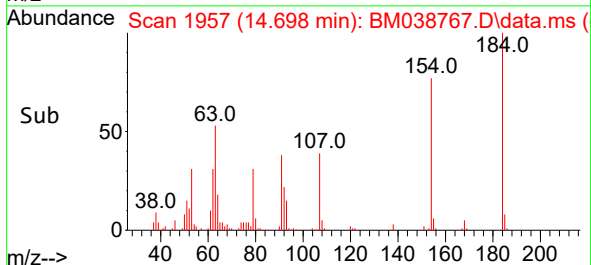
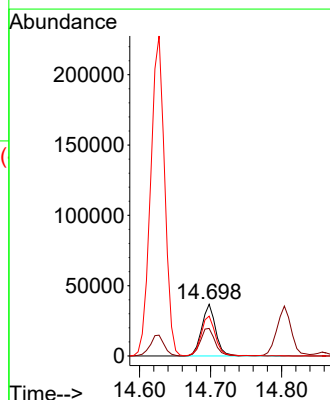
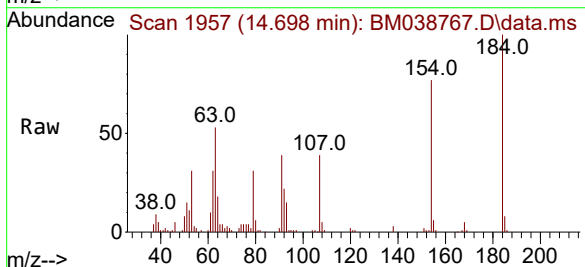
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

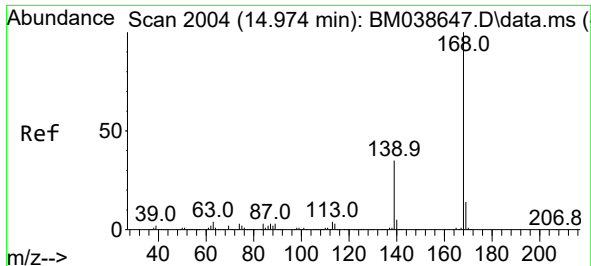
Tgt Ion:138 Resp: 81404
Ion Ratio Lower Upper
138 100
108 7.3 5.8 8.8
92 90.1 73.9 110.9



#54
2,4-Dinitrophenol
Concen: 44.402 ng
RT: 14.698 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:184 Resp: 50301
Ion Ratio Lower Upper
184 100
63 53.2 45.9 68.9
154 77.2 54.9 82.3

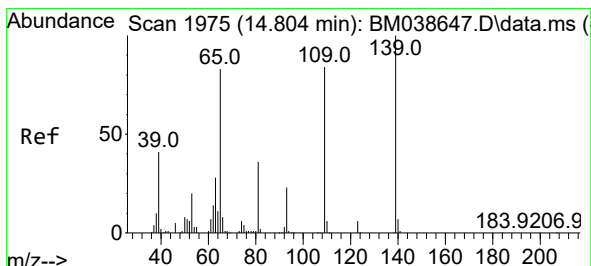
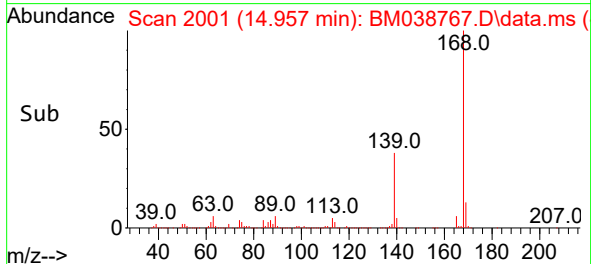
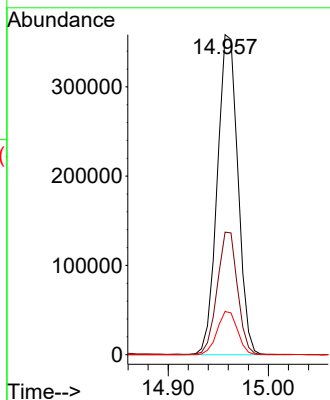
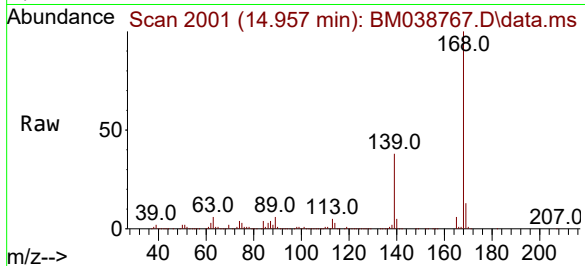




#55
Dibenzenofuran
Concen: 48.311 ng
RT: 14.957 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

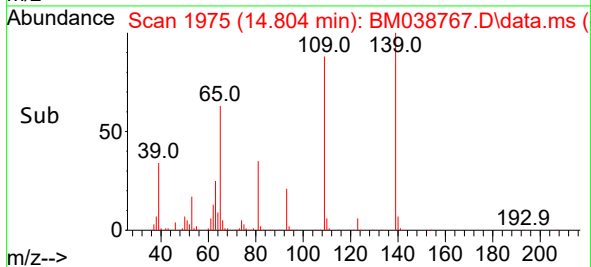
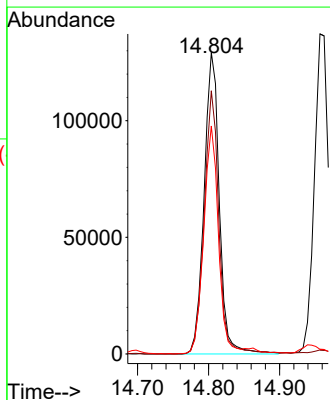
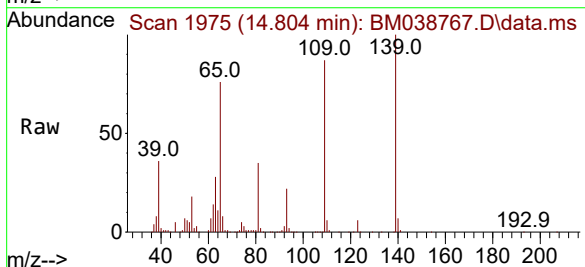
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

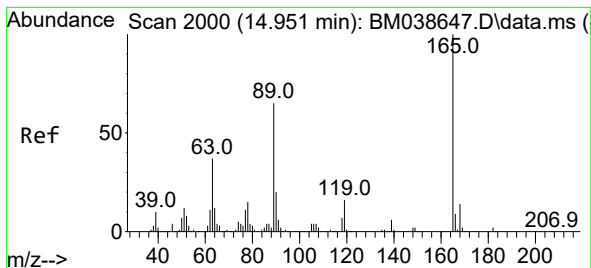
Tgt Ion:168 Resp: 511764
Ion Ratio Lower Upper
168 100
139 38.3 27.8 41.6
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 138.412 ng
RT: 14.804 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:139 Resp: 193206
Ion Ratio Lower Upper
139 100
109 87.3 63.8 103.8
65 75.6 62.5 102.5

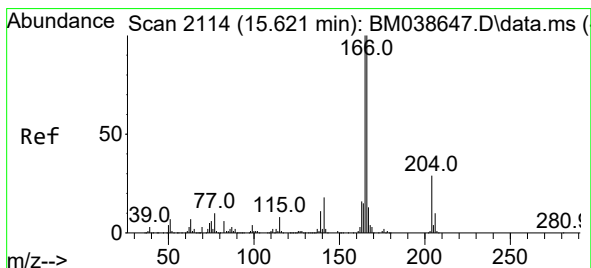
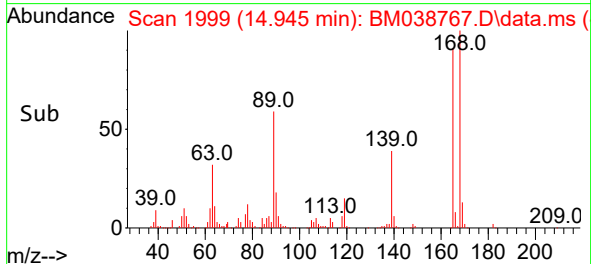
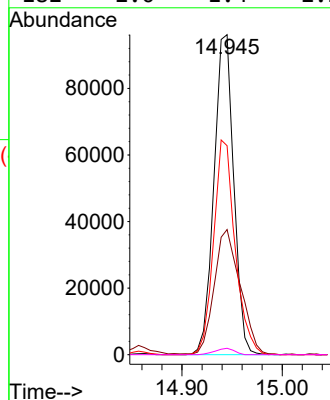
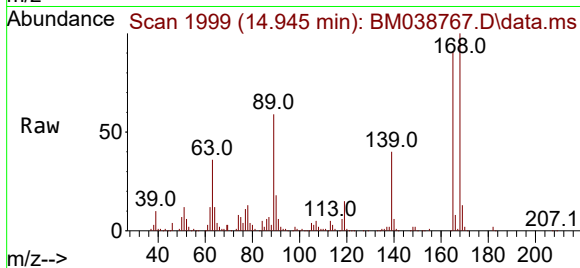




#57
2,4-Dinitrotoluene
Concen: 51.199 ng
RT: 14.945 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

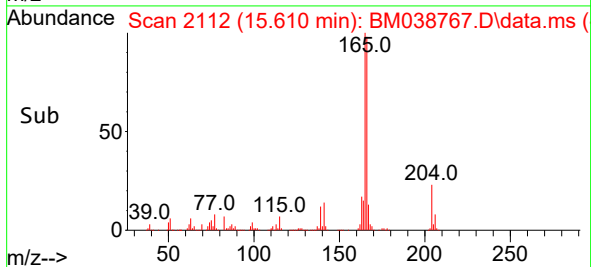
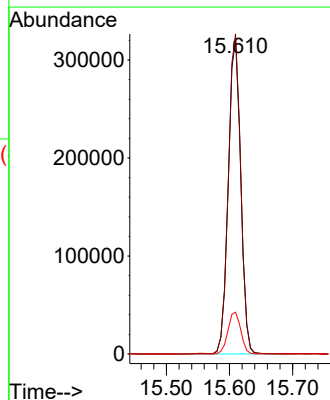
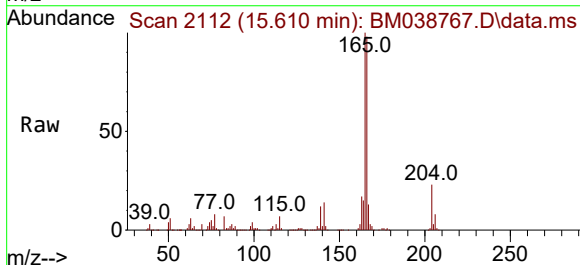
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

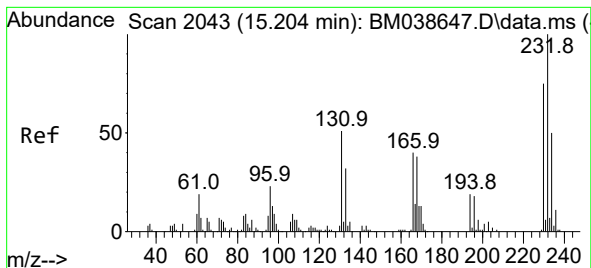
Tgt Ion:165 Resp: 131777
Ion Ratio Lower Upper
165 100
63 39.1 29.4 44.0
89 65.3 51.8 77.6
182 2.0 1.4 2.2



#58
Fluorene
Concen: 52.380 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:166 Resp: 439030
Ion Ratio Lower Upper
166 100
165 101.6 80.2 120.4
167 13.3 10.7 16.1

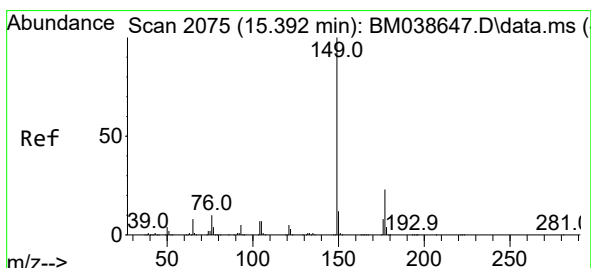
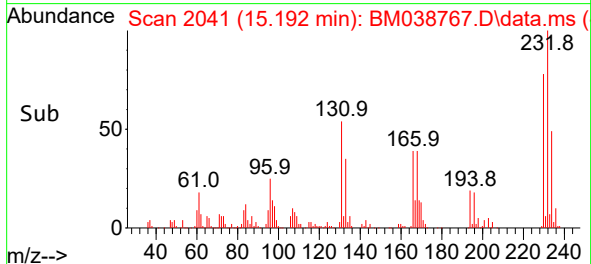
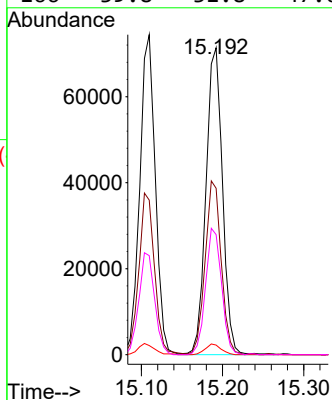
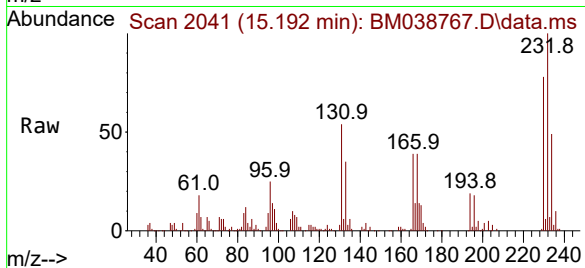




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.303 ng
RT: 15.192 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

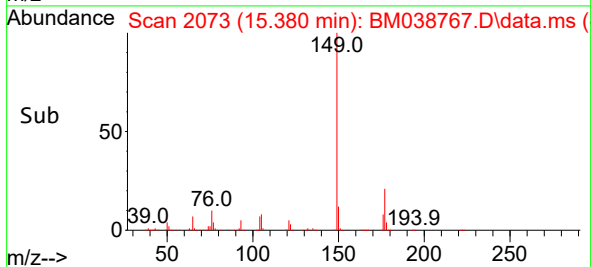
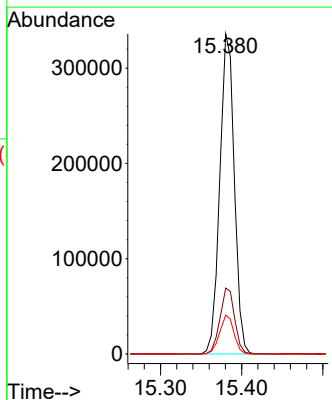
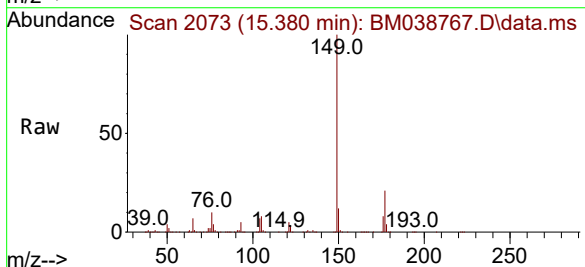
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

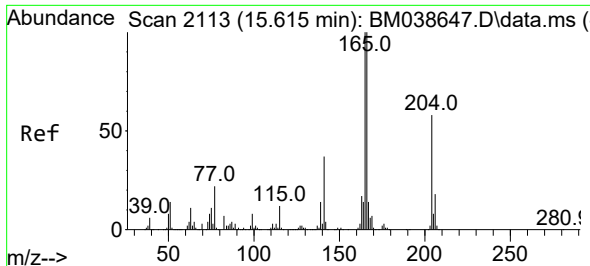
Tgt Ion:232 Resp: 100693
Ion Ratio Lower Upper
232 100
131 55.2 41.2 61.8
130 3.3 2.4 3.6
166 39.8 31.8 47.6



#60
Diethylphthalate
Concen: 51.637 ng
RT: 15.380 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:149 Resp: 418901
Ion Ratio Lower Upper
149 100
177 20.6 18.1 27.1
150 12.2 10.0 15.0

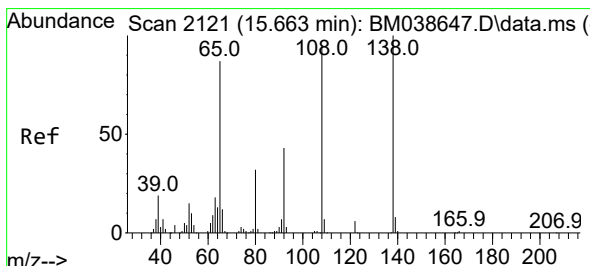
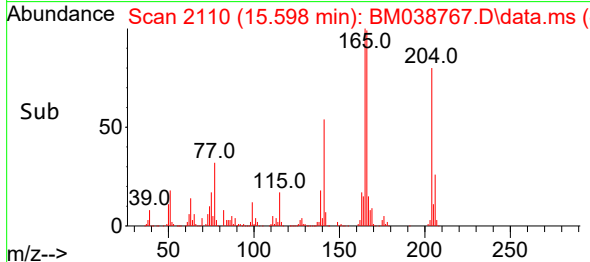
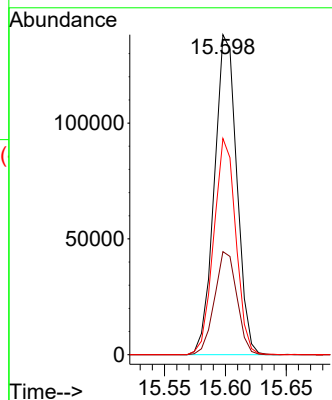
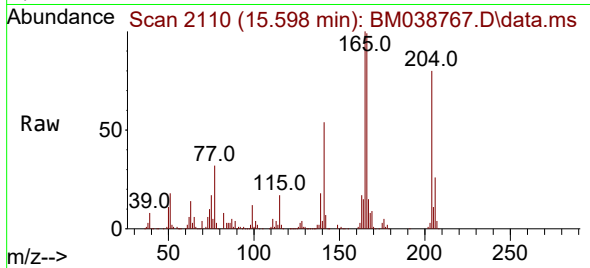




#61
4-Chlorophenyl-phenylether
Concen: 49.894 ng
RT: 15.598 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

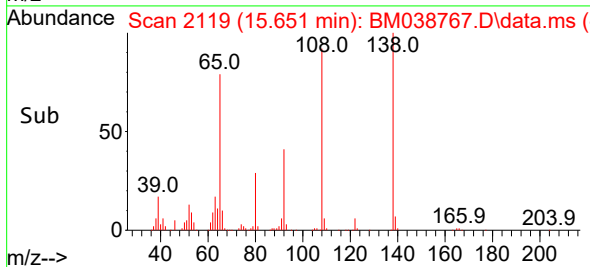
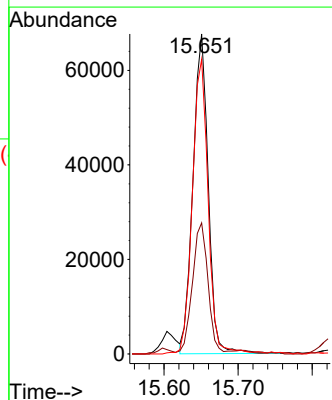
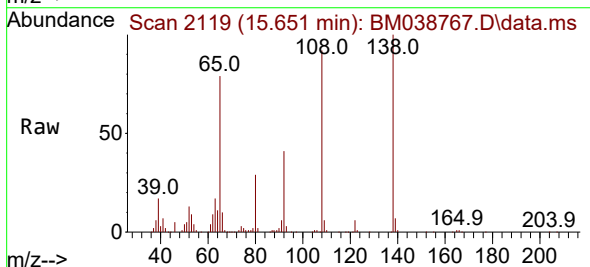
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

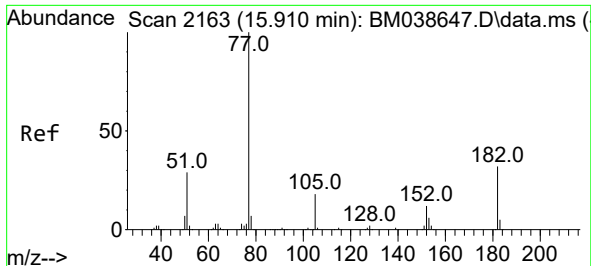
Tgt Ion:204 Resp: 177414
Ion Ratio Lower Upper
204 100
206 32.2 25.3 37.9
141 67.5 51.3 76.9



#62
4-Nitroaniline
Concen: 51.705 ng
RT: 15.651 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:138 Resp: 96965
Ion Ratio Lower Upper
138 100
92 40.9 23.4 63.4
108 92.1 75.1 115.1

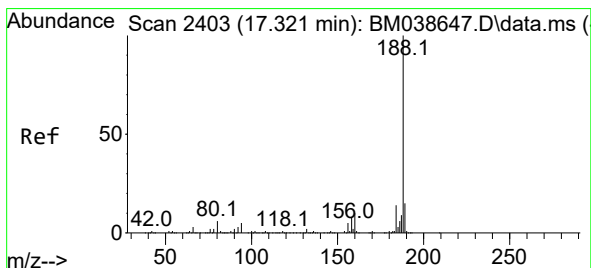
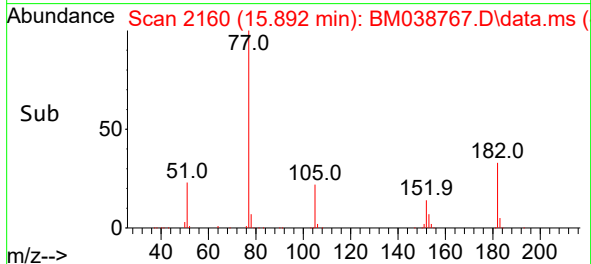
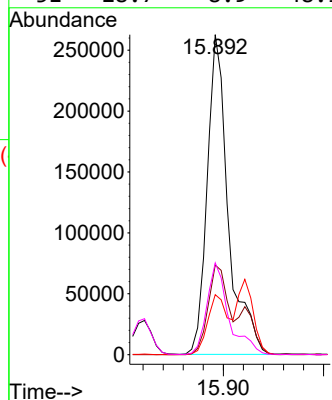
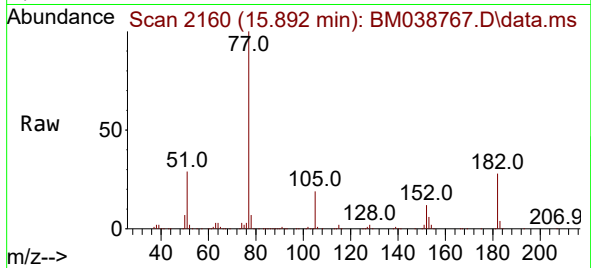




#63
Azobenzene
Concen: 61.811 ng
RT: 15.892 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

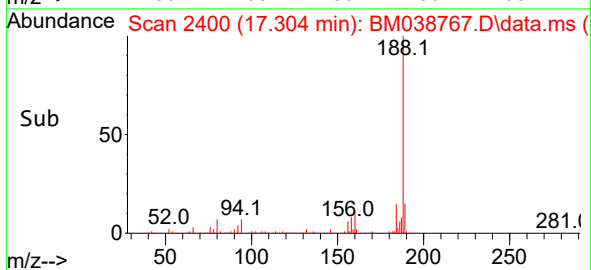
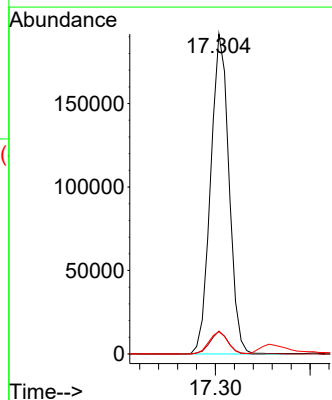
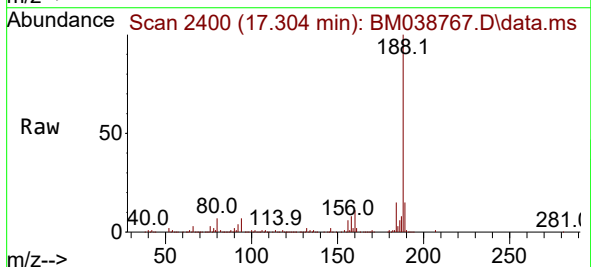
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

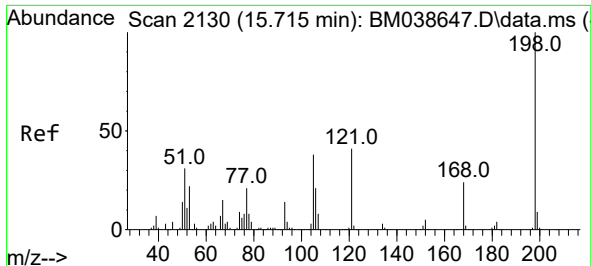
Tgt Ion:	77	Resp:	385790
Ion	Ratio	Lower	Upper
77	100		
182	28.0	12.0	52.0
105	18.7	0.0	37.5
51	28.7	8.9	48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:	188	Resp:	257664
Ion	Ratio	Lower	Upper
188	100		
94	7.2	4.2	6.4#
80	7.0	4.6	7.0#

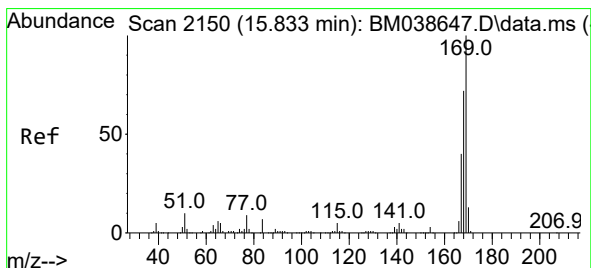
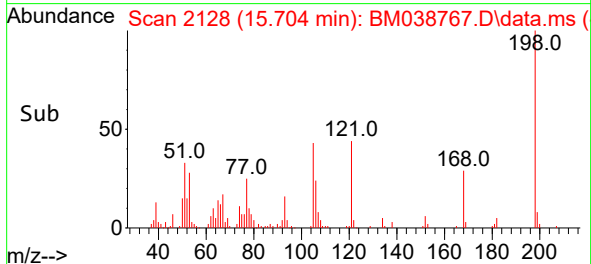
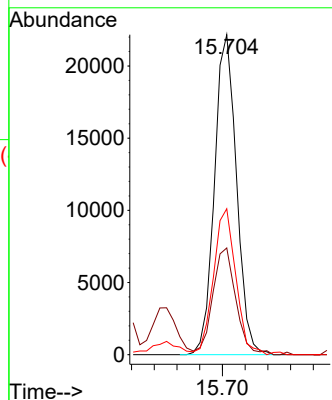
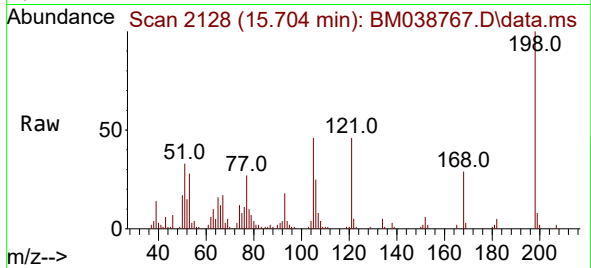




#65
4,6-Dinitro-2-methylphenol
Concen: 18.413 ng
RT: 15.704 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

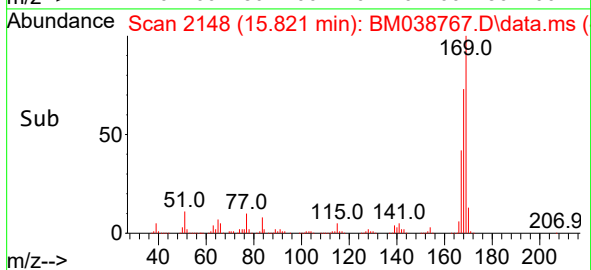
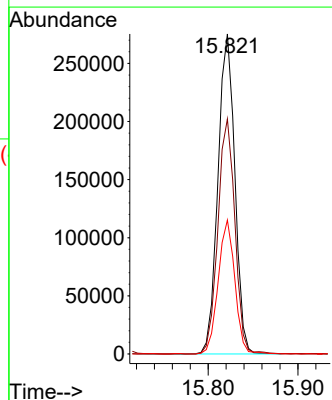
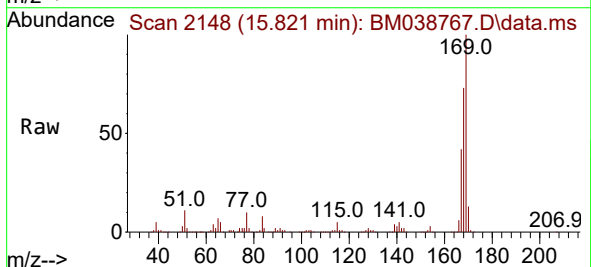
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

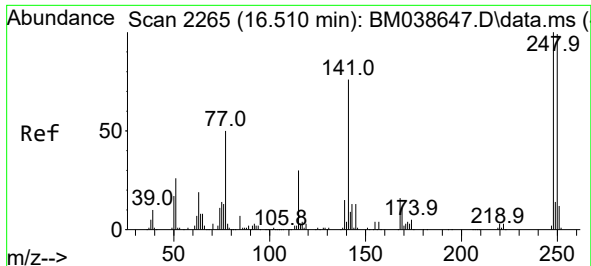
Tgt Ion:198 Resp: 29867
Ion Ratio Lower Upper
198 100
51 33.3 13.0 53.0
105 45.6 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 42.765 ng
RT: 15.821 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:169 Resp: 359786
Ion Ratio Lower Upper
169 100
168 73.5 57.6 86.4
167 41.8 32.3 48.5

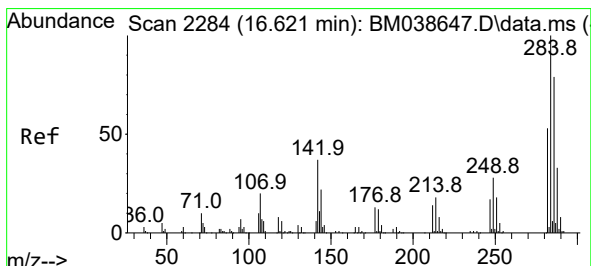
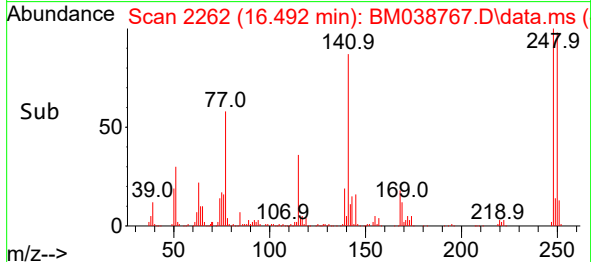
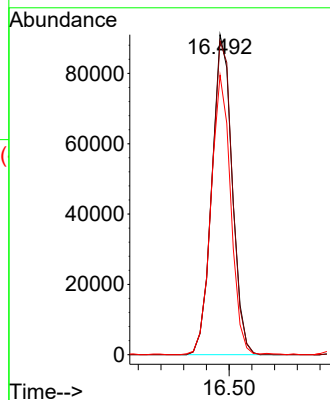
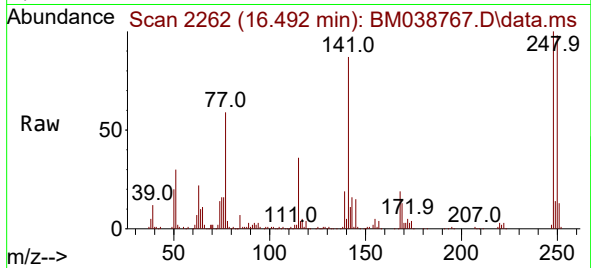




#67
4-Bromophenyl-phenylether
Concen: 45.290 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

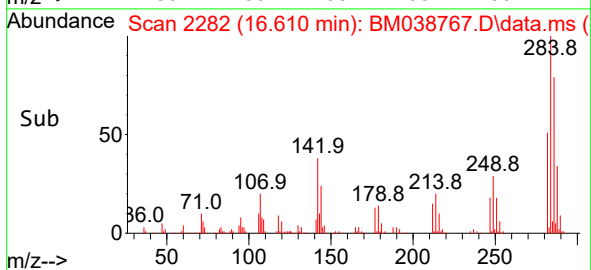
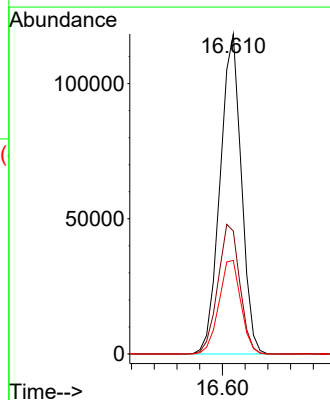
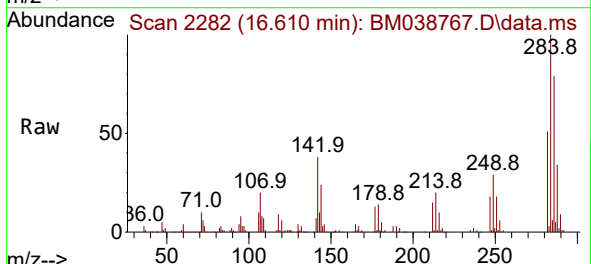
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

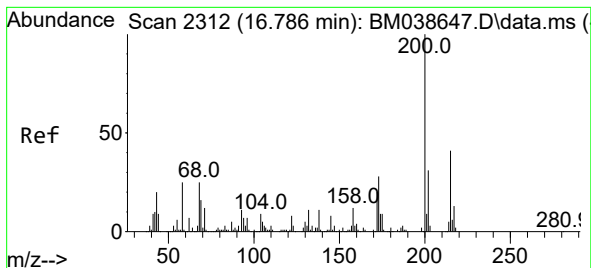
Tgt Ion:248 Resp: 112677
Ion Ratio Lower Upper
248 100
250 98.1 79.4 119.2
141 87.4 61.0 91.6



#68
Hexachlorobenzene
Concen: 50.616 ng
RT: 16.610 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:284 Resp: 153901
Ion Ratio Lower Upper
284 100
142 38.4 29.8 44.6
249 31.3 22.2 33.4





#69

Atrazine

Concen: 51.408 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MSD

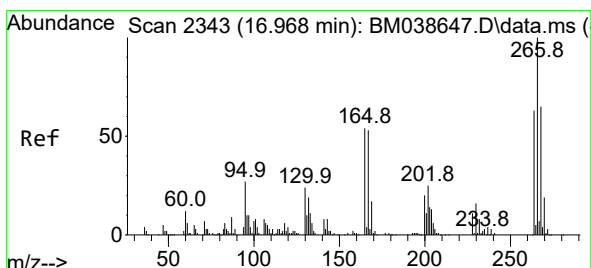
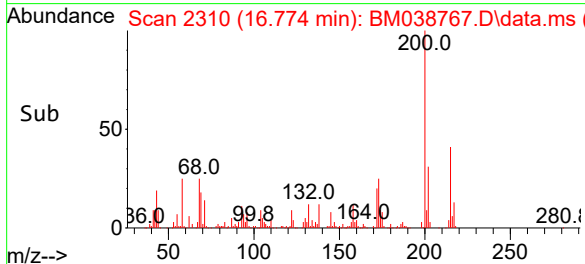
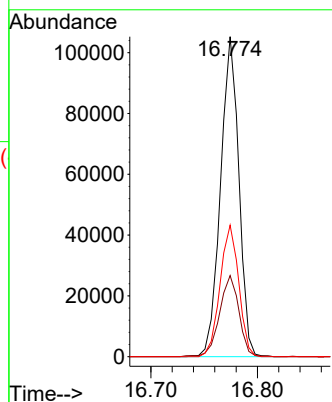
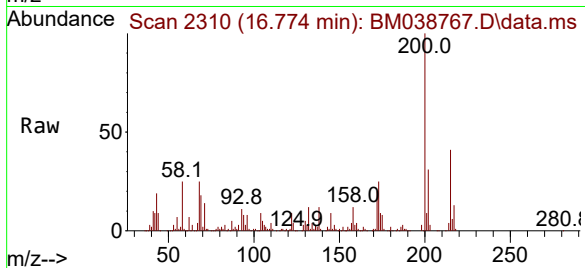
Tgt Ion:200 Resp: 125355

Ion Ratio Lower Upper

200 100

173 25.4 7.9 47.9

215 41.1 20.8 60.8



#70

Pentachlorophenol

Concen: 100.183 ng

RT: 16.957 min Scan# 2341

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

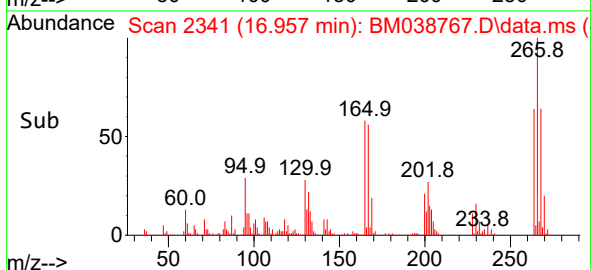
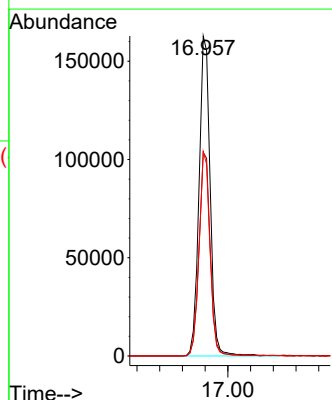
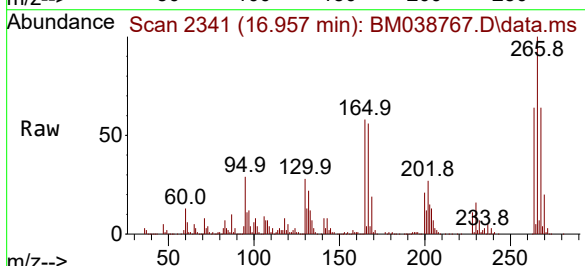
Tgt Ion:266 Resp: 222054

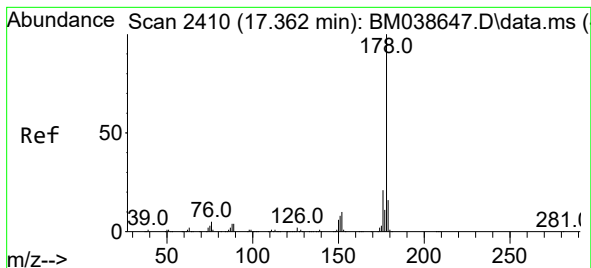
Ion Ratio Lower Upper

266 100

268 63.6 51.8 77.6

264 63.9 50.6 76.0





#71

Phenanthrene

Concen: 51.534 ng

RT: 17.351 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MSD

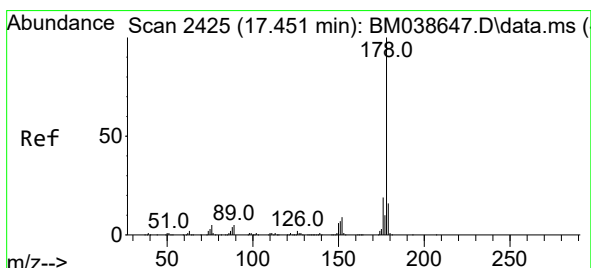
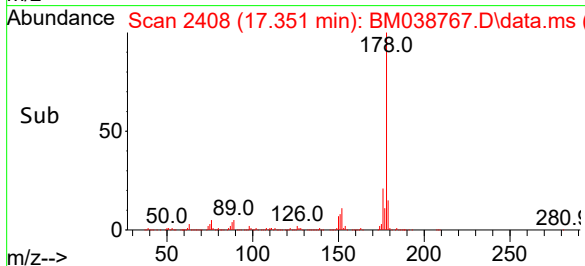
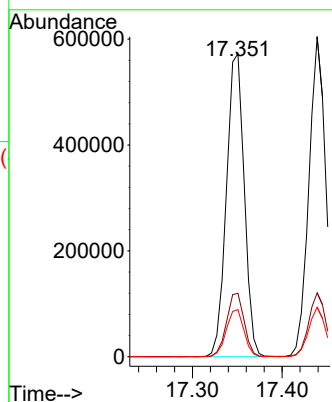
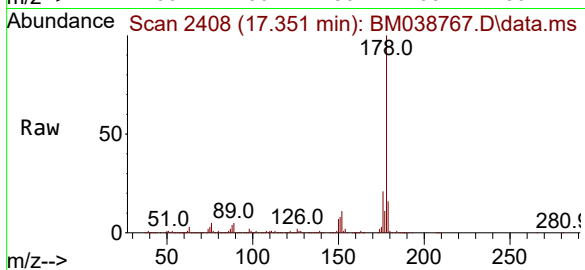
Tgt Ion:178 Resp: 788440

Ion Ratio Lower Upper

178 100

176 20.9 16.7 25.1

179 15.5 12.5 18.7



#72

Anthracene

Concen: 50.187 ng

RT: 17.439 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

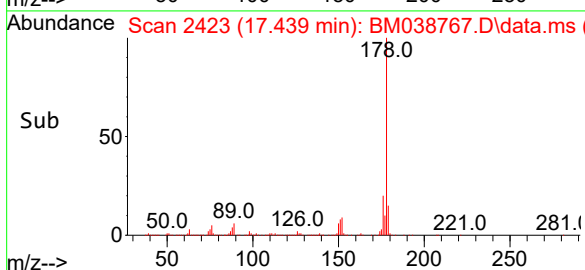
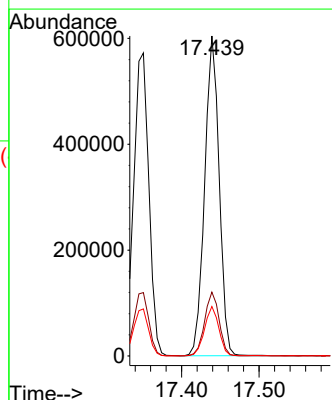
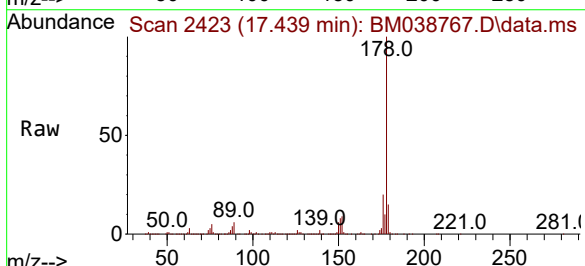
Tgt Ion:178 Resp: 785503

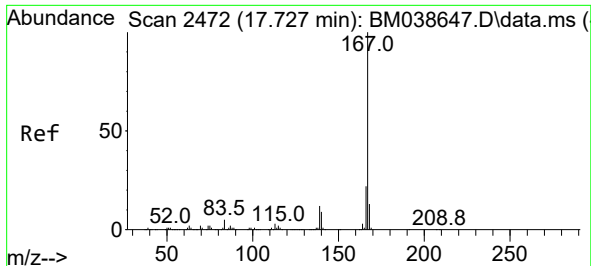
Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

179 15.4 12.4 18.6

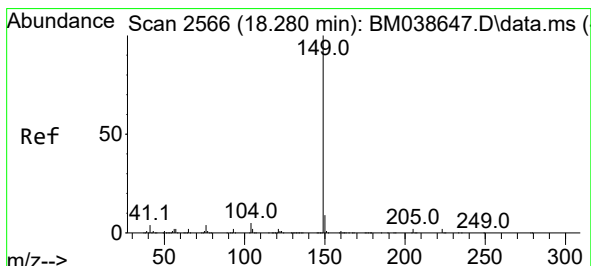
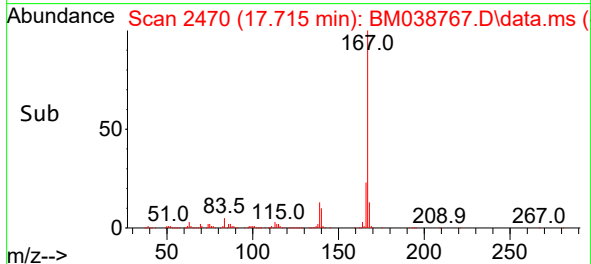
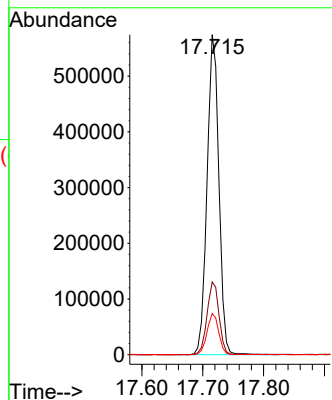
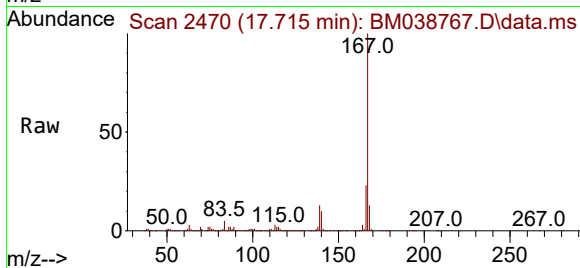




#73
Carbazole
Concen: 53.011 ng
RT: 17.715 min Scan# 2472
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

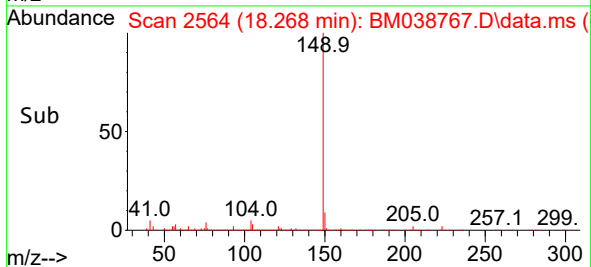
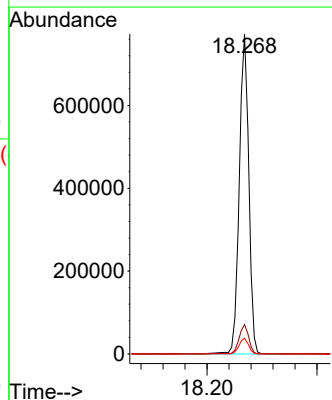
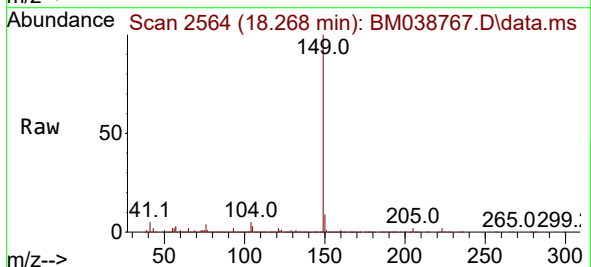
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

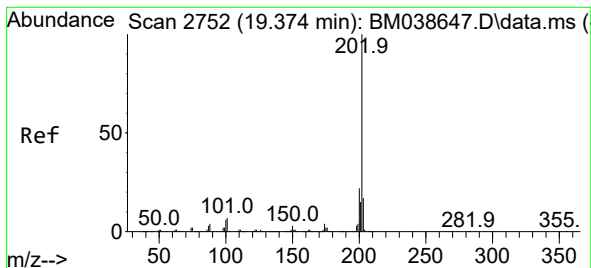
Tgt Ion:167 Resp: 773803
Ion Ratio Lower Upper
167 100
166 22.7 17.8 26.6
139 12.8 9.4 14.2



#74
Di-n-butylphthalate
Concen: 55.958 ng
RT: 18.268 min Scan# 2564
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:149 Resp: 922844
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 64.215 ng

RT: 19.362 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MSD

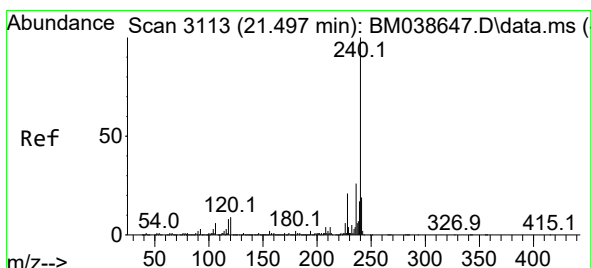
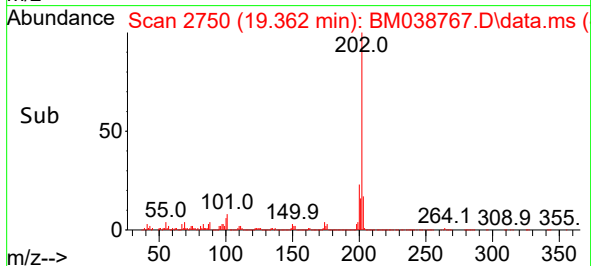
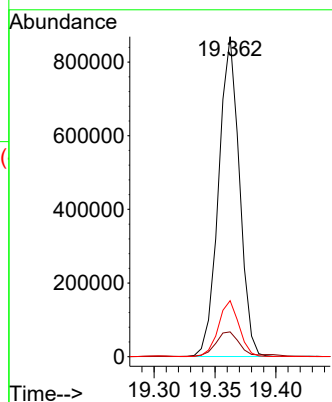
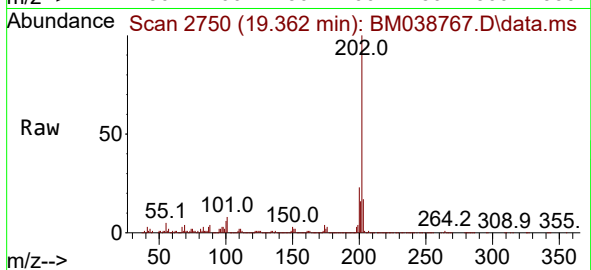
Tgt Ion:202 Resp: 1031515

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.4

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

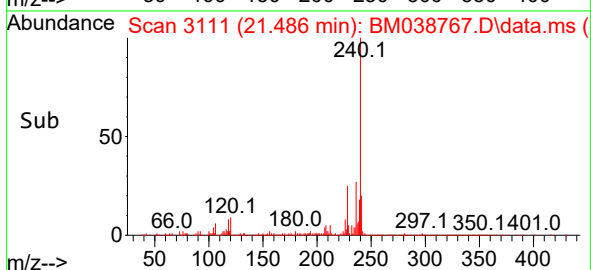
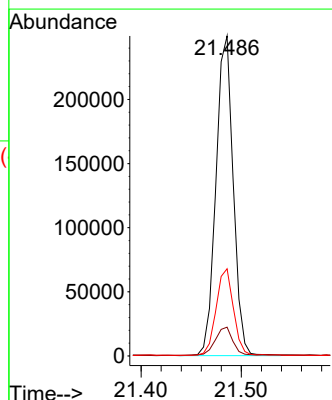
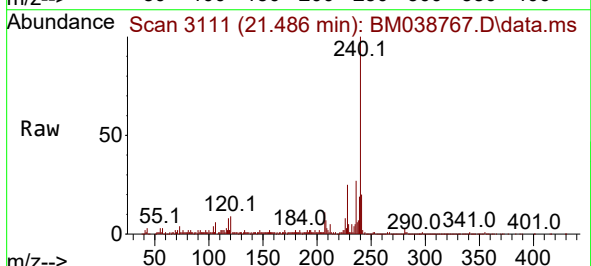
Tgt Ion:240 Resp: 297667

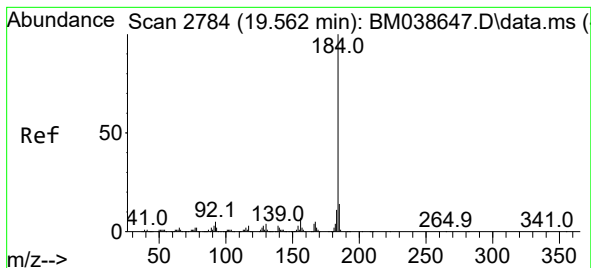
Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.4

236 27.3 20.9 31.3





#77

Benzidine

Concen: 35.482 ng

RT: 19.556 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MSD

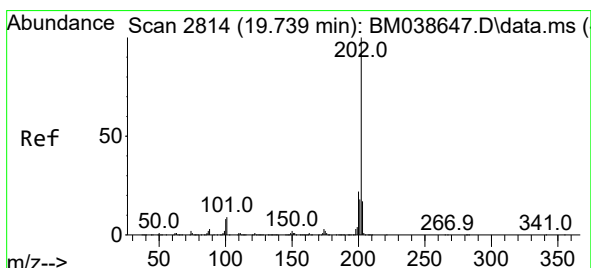
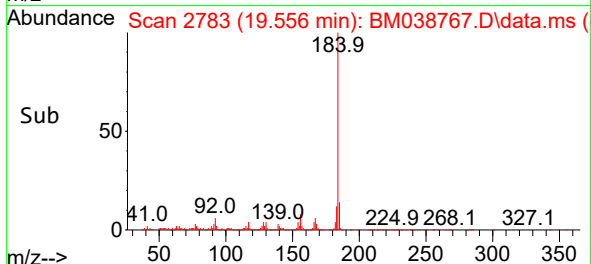
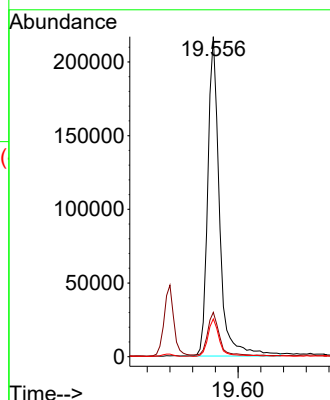
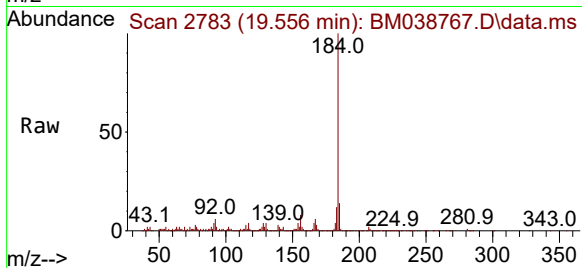
Tgt Ion:184 Resp: 309551

Ion Ratio Lower Upper

184 100

185 13.9 10.8 16.2

183 11.8 8.8 13.2



#78

Pyrene

Concen: 47.693 ng

RT: 19.727 min Scan# 2812

Delta R.T. 0.006 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

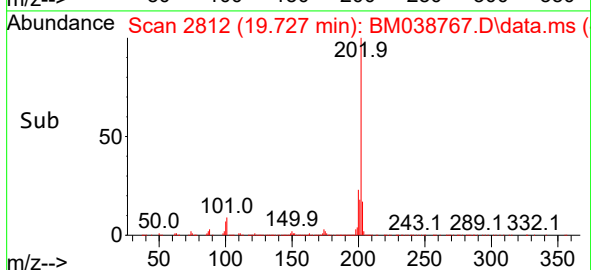
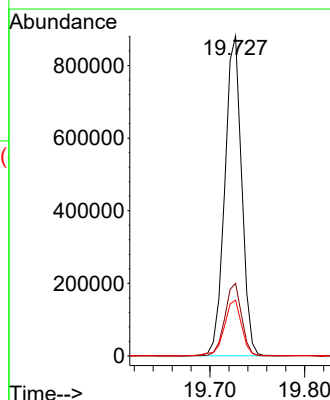
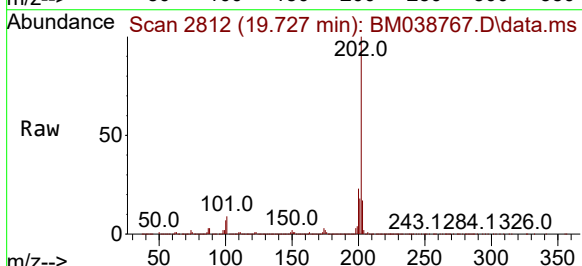
Tgt Ion:202 Resp: 1093000

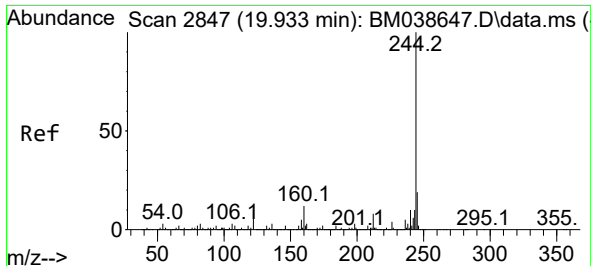
Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.6

203 17.5 13.5 20.3

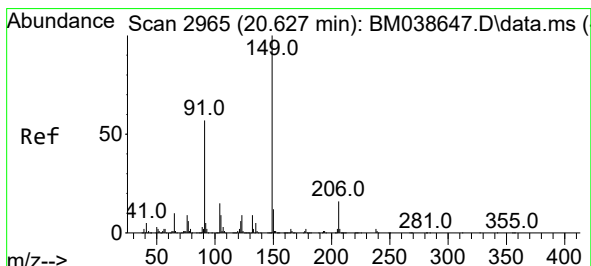
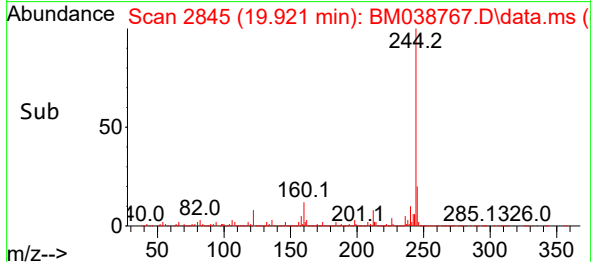
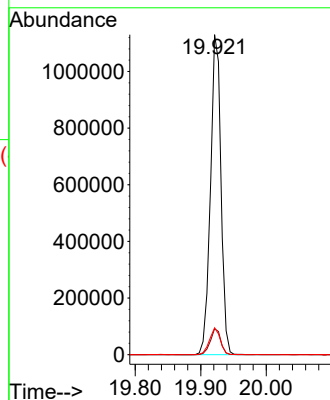
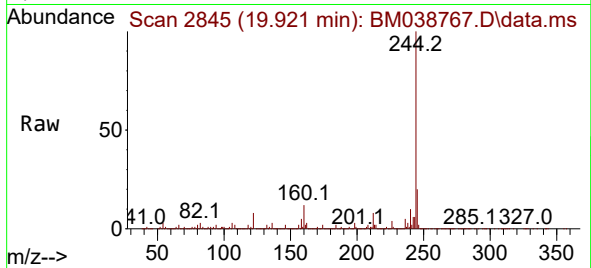




#79
 Terphenyl-d14
 Concen: 74.665 ng
 RT: 19.921 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM038767.D
 Acq: 16 Feb 2023 21:19

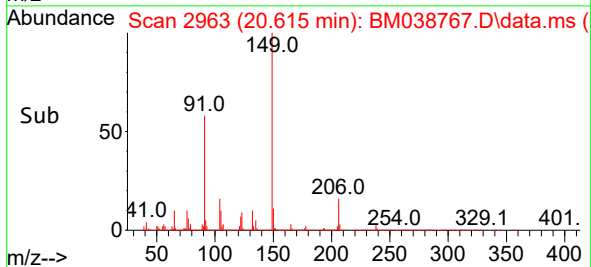
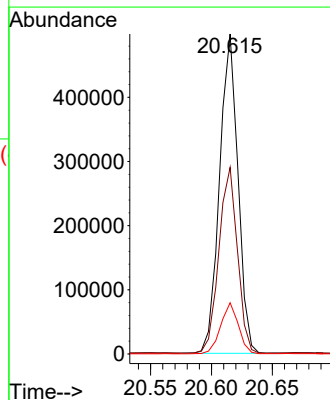
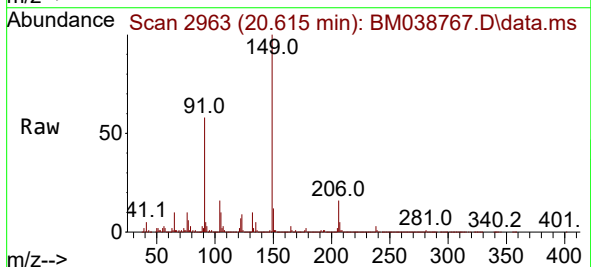
Instrument :
 BNA_M
 ClientSampleId :
 BU-3-021523MSD

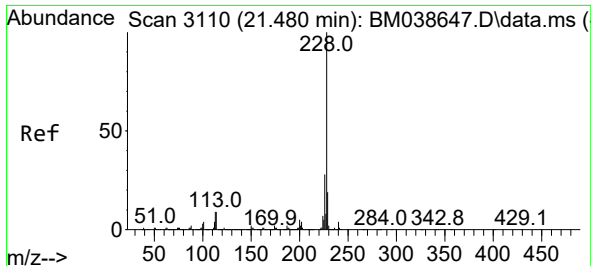
Tgt Ion:244 Resp: 1259460
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 8.4 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 45.912 ng
 RT: 20.615 min Scan# 2963
 Delta R.T. -0.000 min
 Lab File: BM038767.D
 Acq: 16 Feb 2023 21:19

Tgt Ion:149 Resp: 522814
 Ion Ratio Lower Upper
 149 100
 91 58.3 45.6 68.4
 206 16.0 12.5 18.7

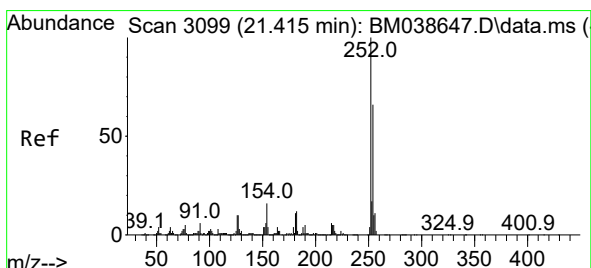
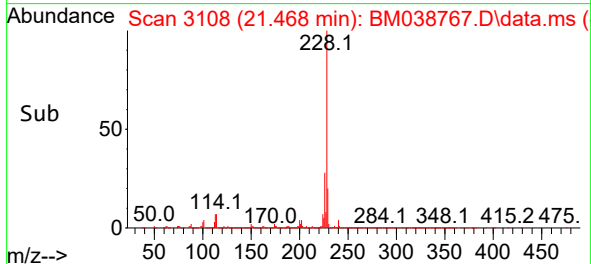
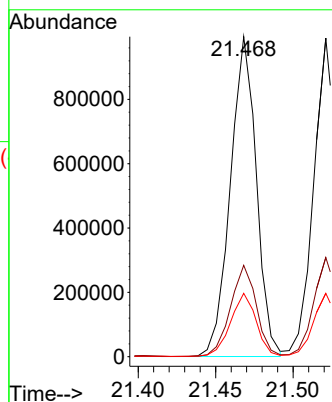
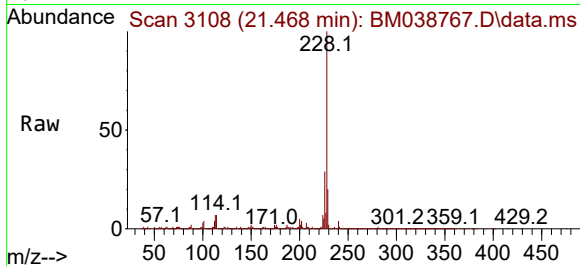




#81
Benzo(a)anthracene
Concen: 55.037 ng
RT: 21.468 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

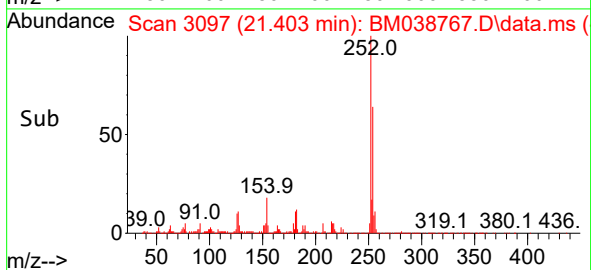
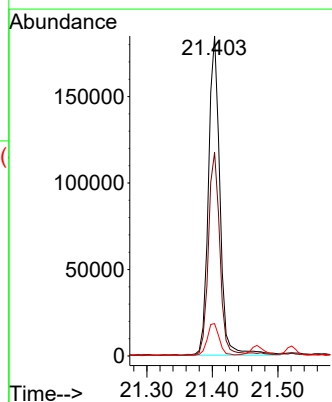
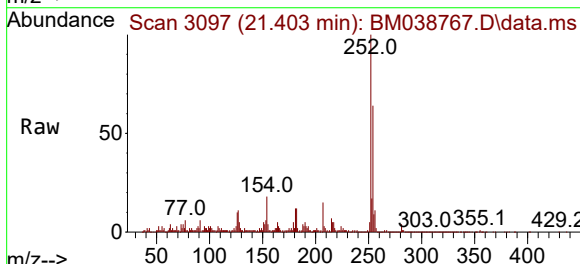
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

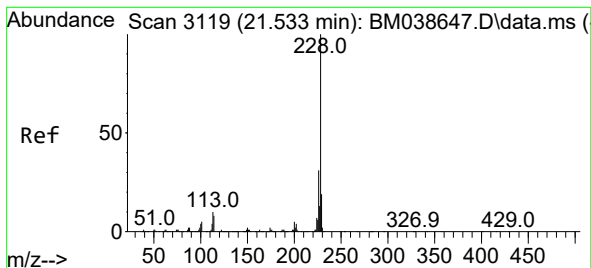
Tgt Ion:228 Resp: 1158871
Ion Ratio Lower Upper
228 100
226 28.6 22.2 33.4
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 31.061 ng
RT: 21.403 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:252 Resp: 225003
Ion Ratio Lower Upper
252 100
254 63.6 52.8 79.2
126 10.1 8.2 12.2





#83

Chrysene

Concen: 52.710 ng

RT: 21.521 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MSD

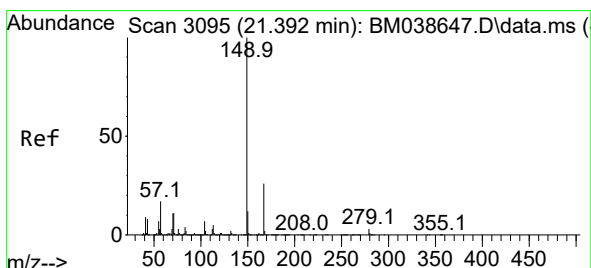
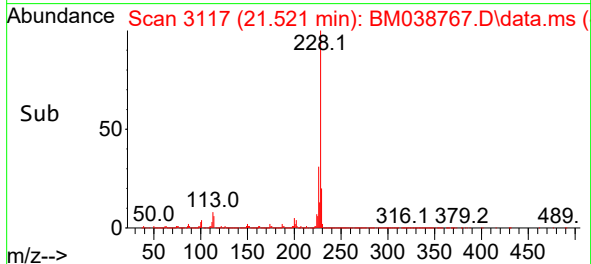
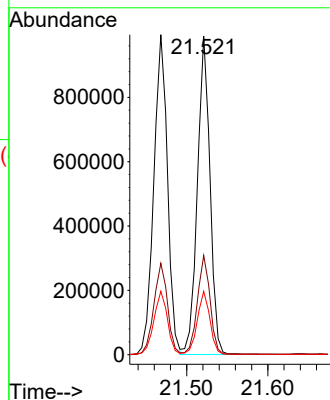
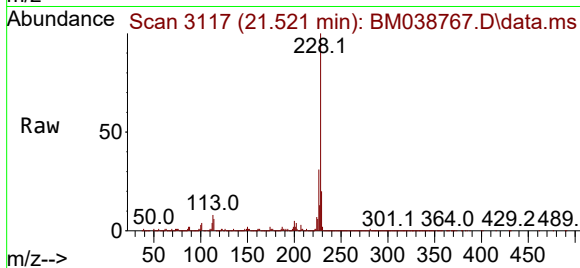
Tgt Ion:228 Resp: 1069350

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.620 ng

RT: 21.380 min Scan# 3093

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

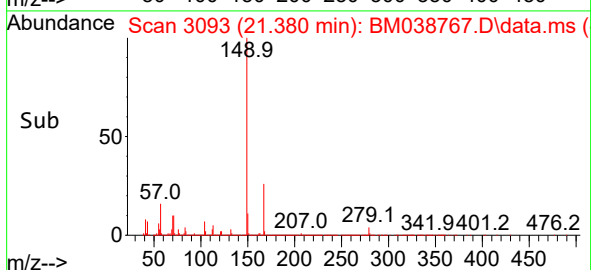
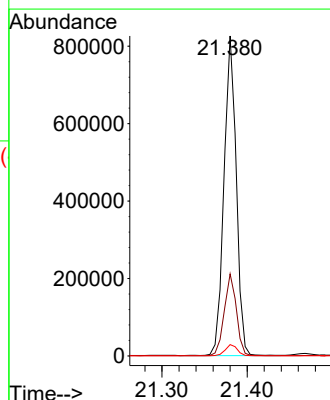
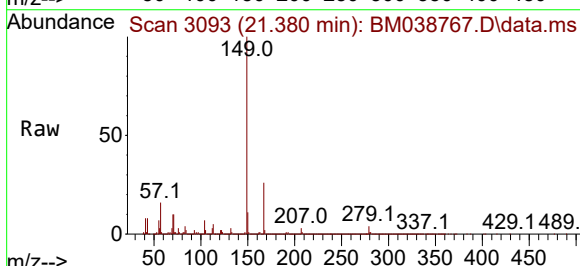
Tgt Ion:149 Resp: 824627

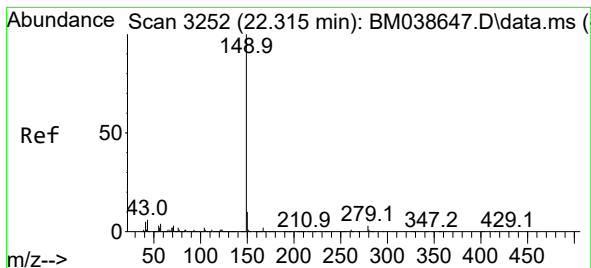
Ion Ratio Lower Upper

149 100

167 25.6 20.8 31.2

279 3.6 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 53.777 ng

RT: 22.297 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MSD

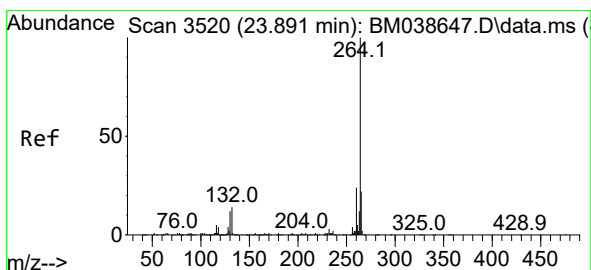
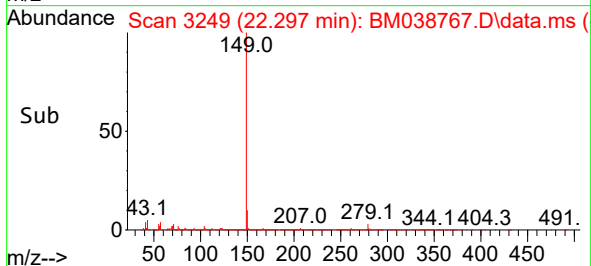
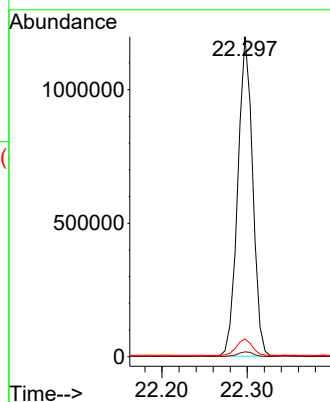
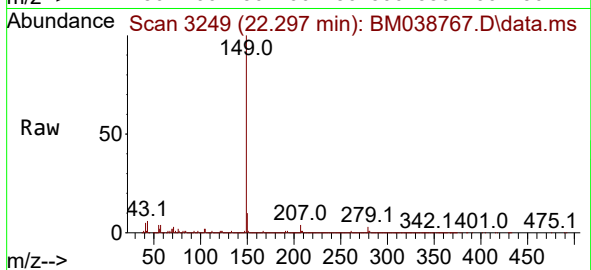
Tgt Ion:149 Resp: 1450682

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 5.4 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.868 min Scan# 3516

Delta R.T. -0.000 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

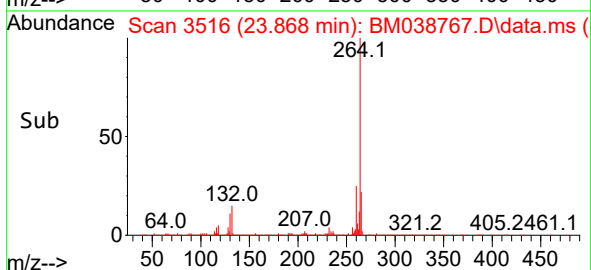
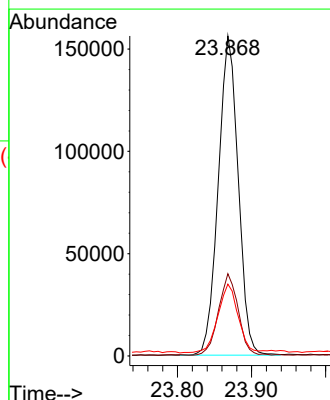
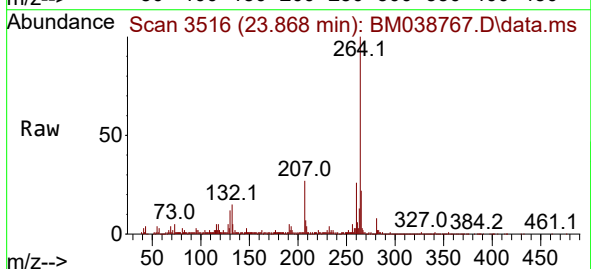
Tgt Ion:264 Resp: 291201

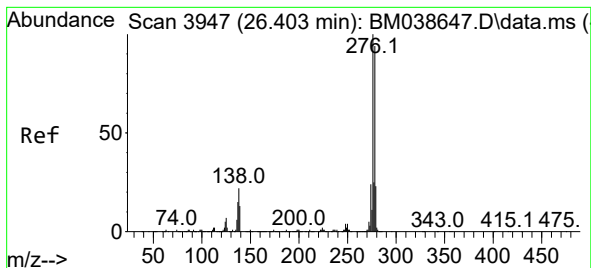
Ion Ratio Lower Upper

264 100

260 25.7 19.6 29.4

265 22.5 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.055 ng

RT: 26.368 min Scan# 3941

Delta R.T. 0.006 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MSD

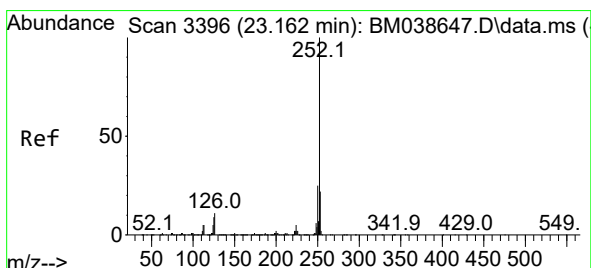
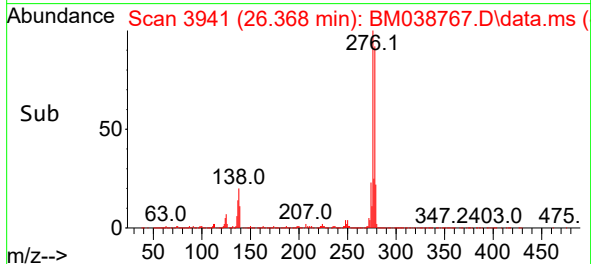
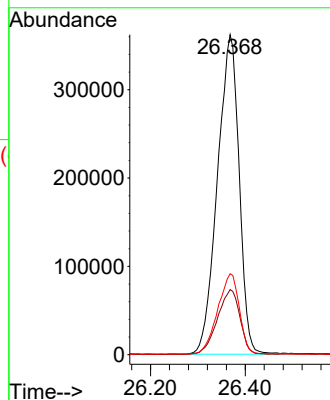
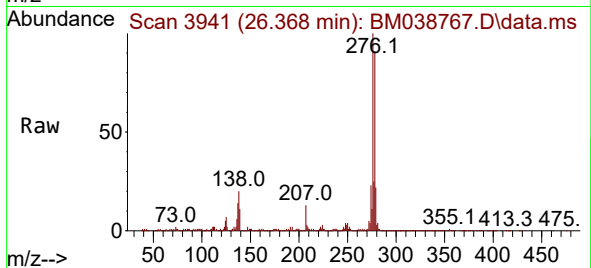
Tgt Ion:276 Resp: 1148113

Ion Ratio Lower Upper

276 100

138 21.0 17.2 25.8

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 62.557 ng

RT: 23.144 min Scan# 3393

Delta R.T. 0.006 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

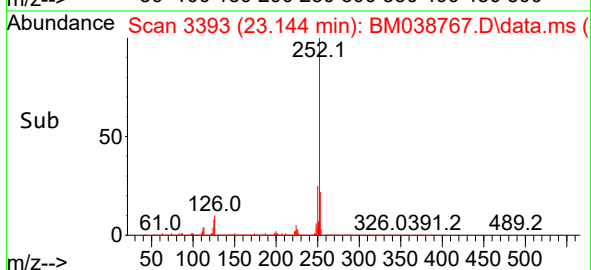
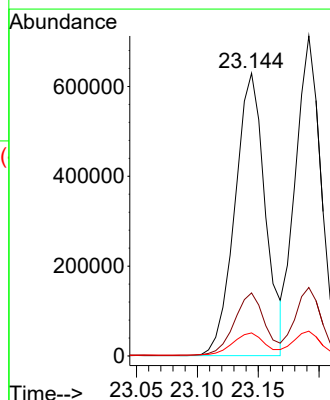
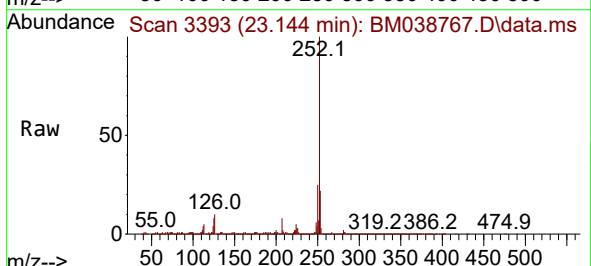
Tgt Ion:252 Resp: 1091103

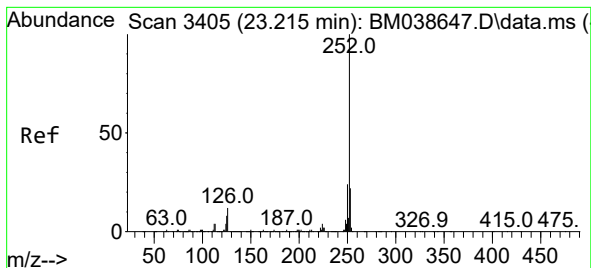
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 8.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 58.633 ng

RT: 23.192 min Scan# 3405

Delta R.T. 0.006 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MSD

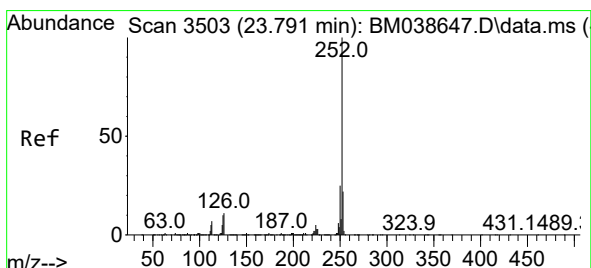
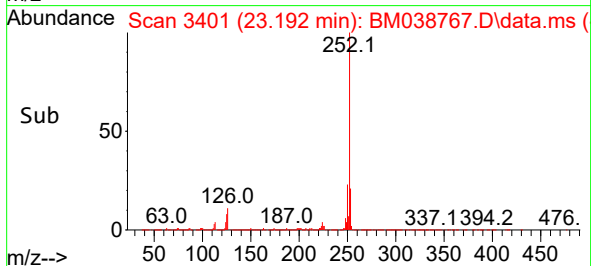
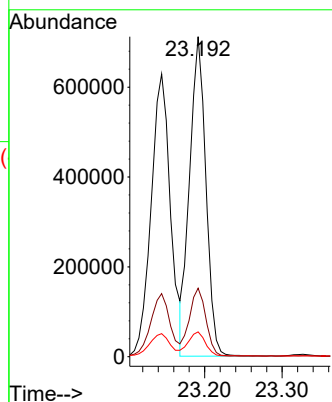
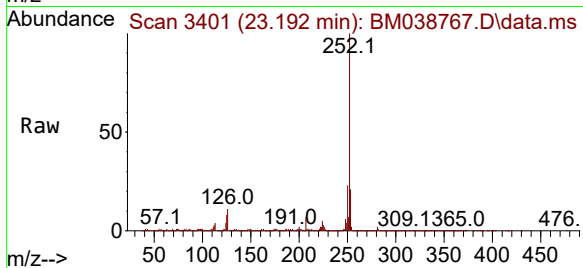
Tgt Ion:252 Resp: 1038480

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 7.7 6.6 9.8



#90

Benzo(a)pyrene

Concen: 51.613 ng

RT: 23.768 min Scan# 3499

Delta R.T. 0.006 min

Lab File: BM038767.D

Acq: 16 Feb 2023 21:19

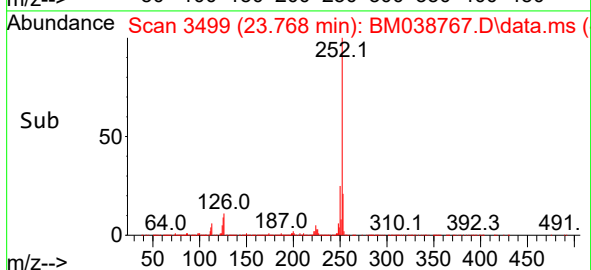
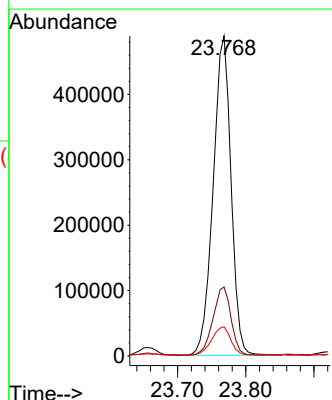
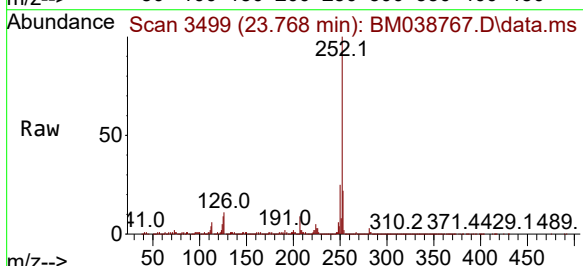
Tgt Ion:252 Resp: 890249

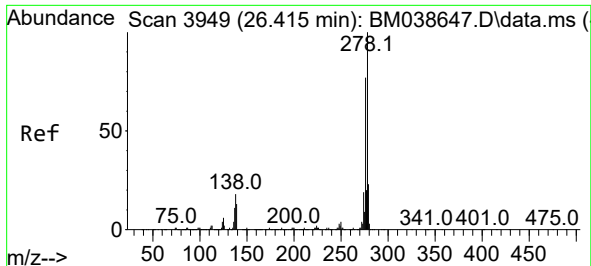
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.1 7.8 11.8

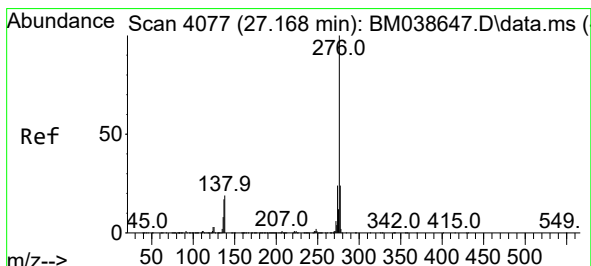
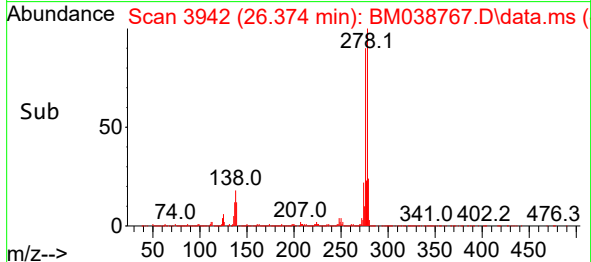
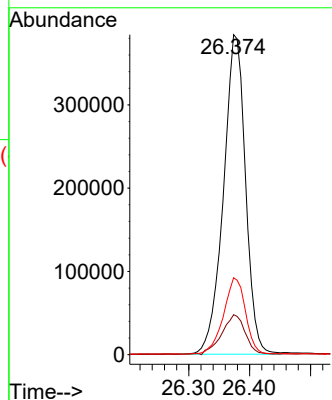
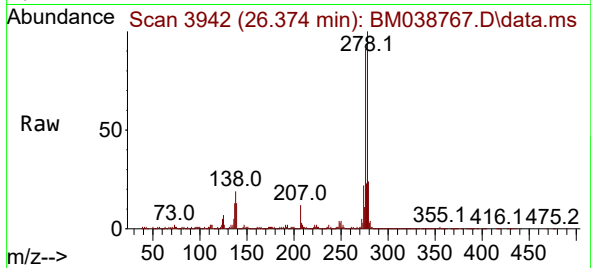




#91
Dibenzo(a,h)anthracene
Concen: 50.070 ng
RT: 26.374 min Scan# 3942
Delta R.T. 0.006 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Instrument :
BNA_M
ClientSampleId :
BU-3-021523MSD

Tgt Ion:278 Resp: 966225
Ion Ratio Lower Upper
278 100
139 12.5 10.5 15.7
279 24.1 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 44.319 ng
RT: 27.138 min Scan# 4072
Delta R.T. 0.012 min
Lab File: BM038767.D
Acq: 16 Feb 2023 21:19

Tgt Ion:276 Resp: 864518
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 17.9 15.3 22.9

