

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041382.D
 Acq On : 11 Aug 2023 11:53
 Operator : MA/JU
 Sample : 03862-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BUILDING-B-11-(10-15)MSD

Quant Time: Aug 11 15:25:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	128771	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	552845	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	378718	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	882497	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	945526	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1124341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1011951	117.453	ng	0.00
7) Phenol-d6	6.963	99	1315402	117.781	ng	0.00
23) Nitrobenzene-d5	8.951	82	824298	69.339	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	684373	127.759	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	1950509	65.061	ng	0.00
79) Terphenyl-d14	19.845	244	3683294	70.433	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	135122	36.661	ng	95
3) Pyridine	3.652	79	341932	35.283	ng	97
4) n-Nitrosodimethylamine	3.569	42	192308	42.906	ng	95
6) Aniline	7.110	93	493117	37.729	ng	99
8) 2-Chlorophenol	7.340	128	458556	54.518	ng	99
9) Benzaldehyde	6.928	77	231155	39.225	ng	98
10) Phenol	6.987	94	597485	55.391	ng	96
11) bis(2-Chloroethyl)ether	7.210	93	428634	49.091	ng	97
12) 1,3-Dichlorobenzene	7.657	146	459343	50.170	ng	99
13) 1,4-Dichlorobenzene	7.810	146	471065	51.188	ng	98
14) 1,2-Dichlorobenzene	8.122	146	457713	51.873	ng	98
15) Benzyl Alcohol	8.034	79	440836	62.505	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	508188	43.683	ng	94
17) 2-Methylphenol	8.240	107	396143	53.755	ng	97
18) Hexachloroethane	8.840	117	176021	51.377	ng	88
19) n-Nitroso-di-n-propyla...	8.598	70	378529	55.802	ng	97
20) 3+4-Methylphenols	8.569	107	548764	55.693	ng	98
22) Acetophenone	8.616	105	694921	47.462	ng	# 99
24) Nitrobenzene	8.998	77	549805	45.733	ng	100
25) Isophorone	9.522	82	1034390	51.258	ng	99
26) 2-Nitrophenol	9.704	139	253838	54.012	ng	96
27) 2,4-Dimethylphenol	9.769	122	406163	49.113	ng	98
28) bis(2-Chloroethoxy)met...	10.004	93	603248	47.722	ng	99
29) 2,4-Dichlorophenol	10.240	162	476758	57.167	ng	98
30) 1,2,4-Trichlorobenzene	10.445	180	482828	52.401	ng	99
31) Naphthalene	10.634	128	1385491	46.182	ng	99
32) Benzoic acid	9.957	122	340113	53.751	ng	97
33) 4-Chloroaniline	10.763	127	313787	26.172	ng	99
34) Hexachlorobutadiene	10.898	225	307145	55.424	ng	99
35) Caprolactam	11.592	113	152666	63.280	ng	# 86
36) 4-Chloro-3-methylphenol	11.904	107	510647	58.175	ng	97
37) 2-Methylnaphthalene	12.251	142	983563	48.629	ng	99
38) 1-Methylnaphthalene	12.469	142	956833	50.545	ng	99
40) 1,2,4,5-Tetrachloroben...	12.622	216	576145	46.851	ng	# 98
41) Hexachlorocyclopentadiene	12.586	237	516082	79.325	ng	99
43) 2,4,6-Trichlorophenol	12.875	196	414785	52.625	ng	99

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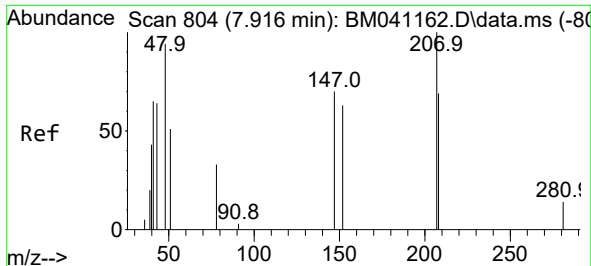
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	463489	50.806	ng	97
46) 1,1'-Biphenyl	13.275	154	1362574	44.380	ng	98
47) 2-Chloronaphthalene	13.316	162	1077708	47.011	ng	98
48) 2-Nitroaniline	13.545	65	347115	47.436	ng	96
49) Acenaphthylene	14.163	152	1763088	47.649	ng	100
50) Dimethylphthalate	13.916	163	1426196	50.063	ng	100
51) 2,6-Dinitrotoluene	14.045	165	311935	52.846	ng	98
52) Acenaphthene	14.510	154	1006861	45.169	ng	97
53) 3-Nitroaniline	14.380	138	260571	38.677	ng	97
54) 2,4-Dinitrophenol	14.598	184	432103	106.331	ng	90
55) Dibenzofuran	14.845	168	1711787	47.068	ng	99
56) 4-Nitrophenol	14.704	139	494855	100.592	ng	94
57) 2,4-Dinitrotoluene	14.839	165	443775	52.388	ng	95
58) Fluorene	15.498	166	1406384	49.018	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	420485	56.920	ng	95
60) Diethylphthalate	15.280	149	1451012	52.670	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	741022	51.541	ng	98
62) 4-Nitroaniline	15.551	138	283418	45.276	ng	93
63) Azobenzene	15.786	77	1436061	47.588	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	278653	52.122	ng	86
66) n-Nitrosodiphenylamine	15.716	169	1205453	43.920	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	467449	48.311	ng	99
68) Hexachlorobenzene	16.504	284	552322	51.335	ng	95
69) Atrazine	16.680	200	478594	66.400	ng	99
70) Pentachlorophenol	16.857	266	649962	87.240	ng	99
71) Phenanthrene	17.251	178	2235707	45.597	ng	99
72) Anthracene	17.339	178	2272332	46.858	ng	100
73) Carbazole	17.621	167	2085218	47.508	ng	100
74) Di-n-butylphthalate	18.180	149	2667606	53.785	ng	100
75) Fluoranthene	19.274	202	2824967	51.282	ng	99
77) Benzidine	19.474	184	1153499	89.506	ng	99
78) Pyrene	19.639	202	2967557	44.880	ng	100
80) Butylbenzylphthalate	20.545	149	1315515	54.480	ng	96
81) Benzo(a)anthracene	21.398	228	3162164	49.332	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	946806	45.267	ng	99
83) Chrysene	21.451	228	2929213	47.246	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1973433	51.280	ng	98
85) Di-n-octyl phthalate	22.233	149	3522432	57.720	ng	95
87) Indeno(1,2,3-cd)pyrene	26.227	276	3963885	47.952	ng	# 95
88) Benzo(b)fluoranthene	23.062	252	3416292	51.148	ng	# 98
89) Benzo(k)fluoranthene	23.109	252	3207145	46.941	ng	98
90) Benzo(a)pyrene	23.674	252	2988165	46.560	ng	# 97
91) Dibenzo(a,h)anthracene	26.238	278	3353700	48.641	ng	# 96
92) Benzo(g,h,i)perylene	26.980	276	3043744	45.116	ng	# 95

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

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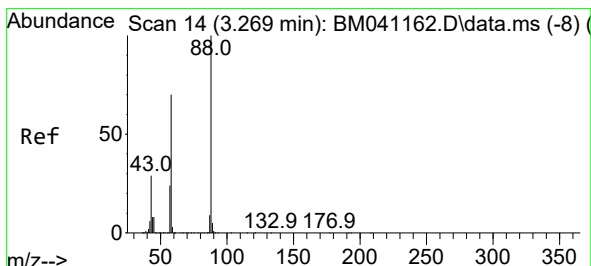
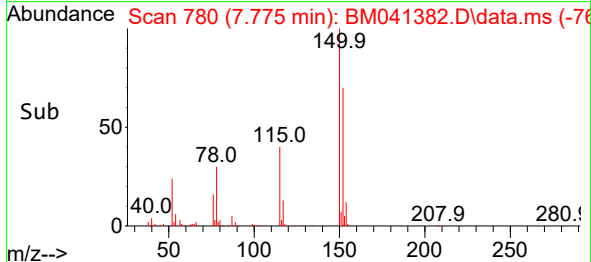
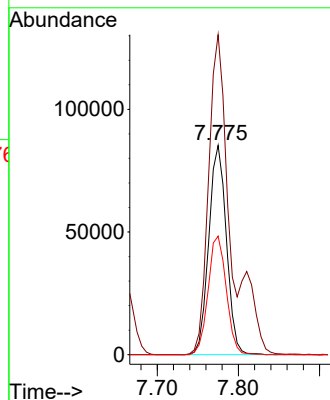
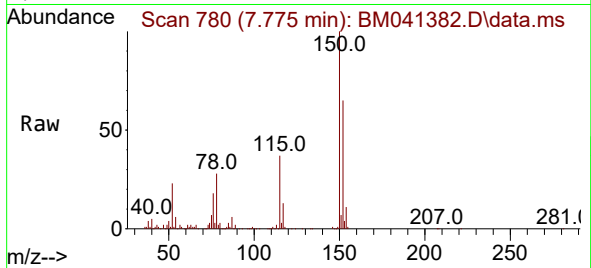
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM041382.D
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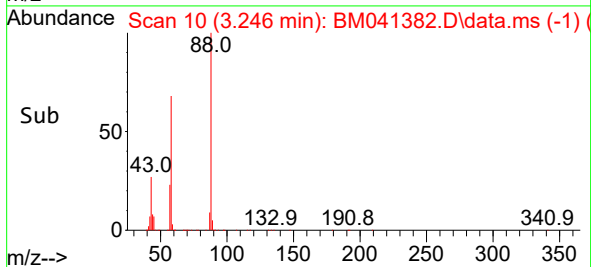
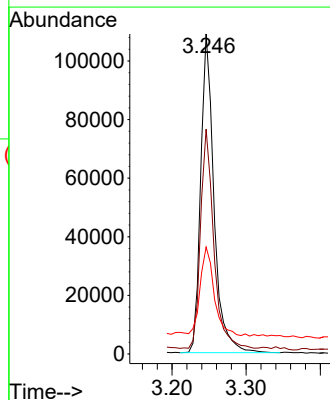
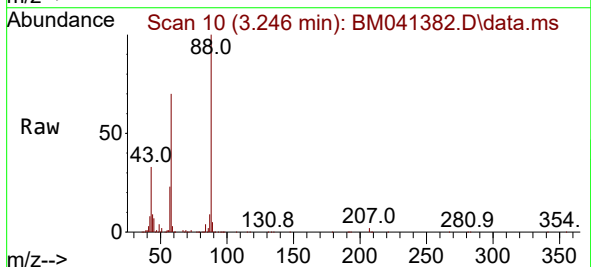
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BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

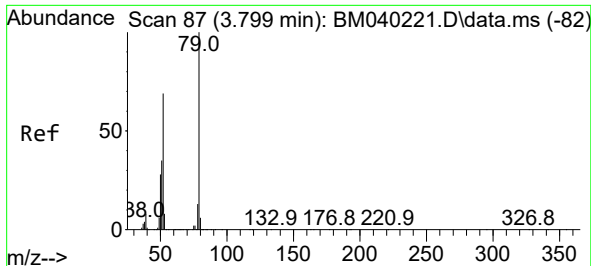
Tgt Ion:152 Resp: 128771
Ion Ratio Lower Upper
152 100
150 152.9 125.5 188.3
115 56.6 48.0 72.0



#2
1,4-Dioxane
Concen: 36.661 ng
RT: 3.246 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion: 88 Resp: 135122
Ion Ratio Lower Upper
88 100
58 68.3 58.2 87.4
43 29.1 24.4 36.6

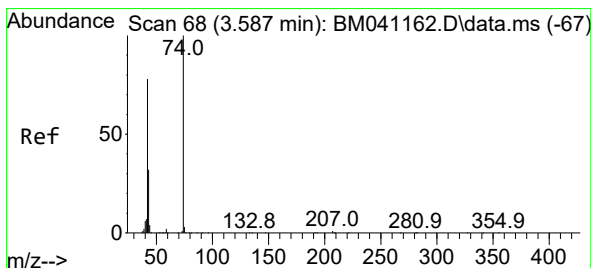
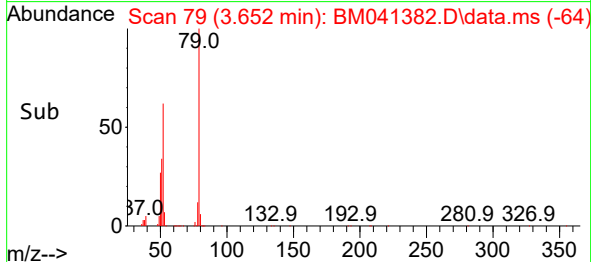
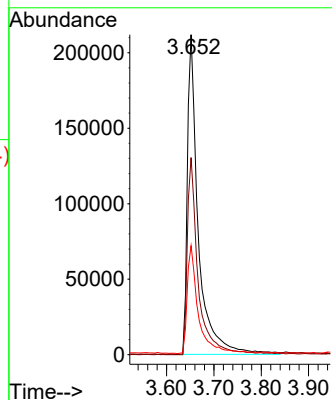
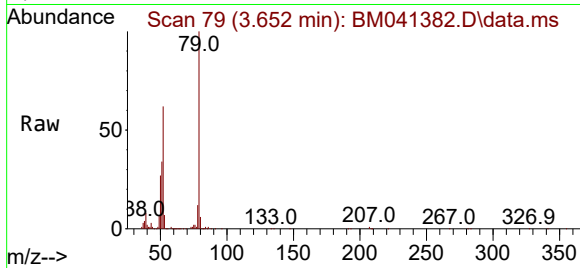




#3
 Pyridine
 Concen: 35.283 ng
 RT: 3.652 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BM041382.D
 Acq: 11 Aug 2023 11:53

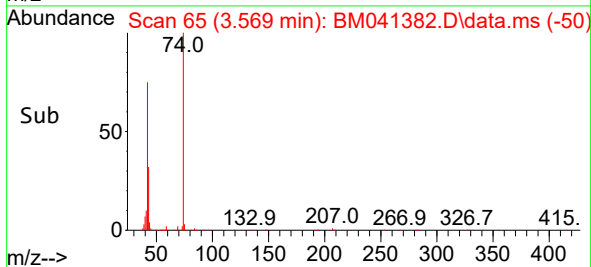
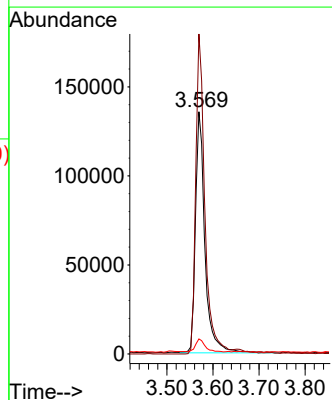
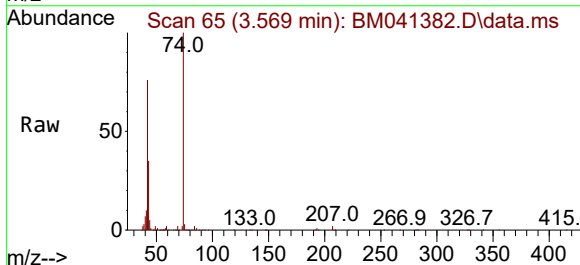
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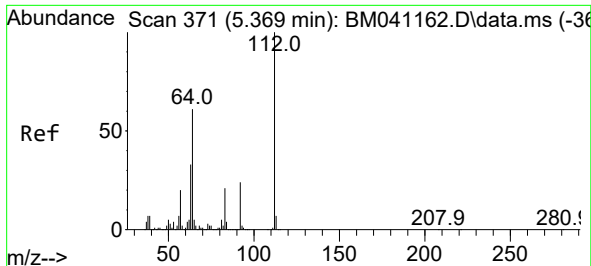
Tgt Ion: 79 Resp: 341932
 Ion Ratio Lower Upper
 79 100
 52 61.6 52.1 78.1
 51 34.1 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 42.906 ng
 RT: 3.569 min Scan# 65
 Delta R.T. -0.012 min
 Lab File: BM041382.D
 Acq: 11 Aug 2023 11:53

Tgt Ion: 42 Resp: 192308
 Ion Ratio Lower Upper
 42 100
 74 132.1 100.8 151.2
 44 6.2 5.0 7.4

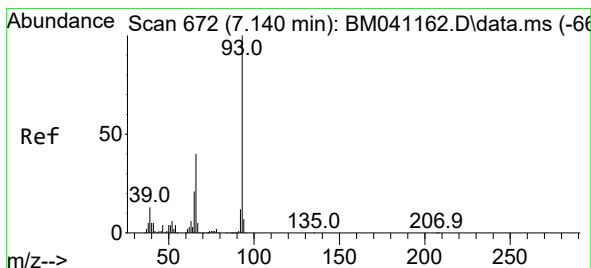
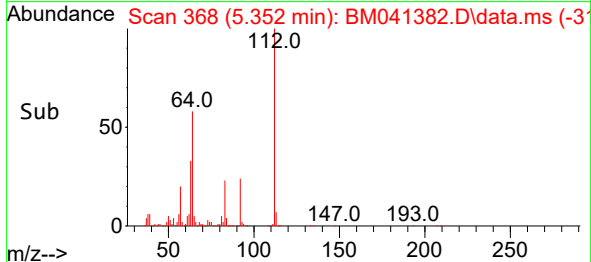
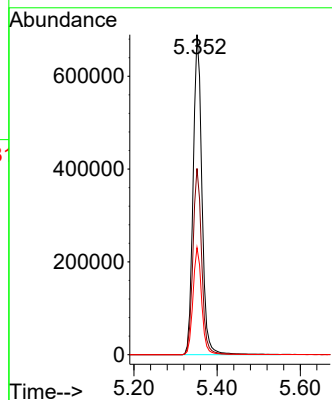
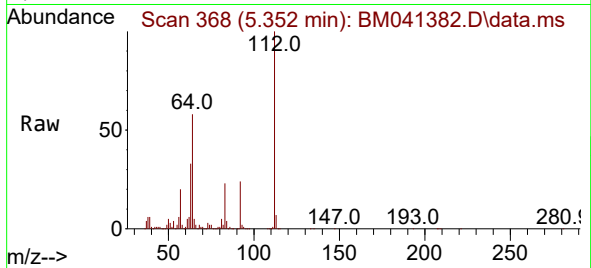




#5
2-Fluorophenol
Concen: 117.453 ng
RT: 5.352 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

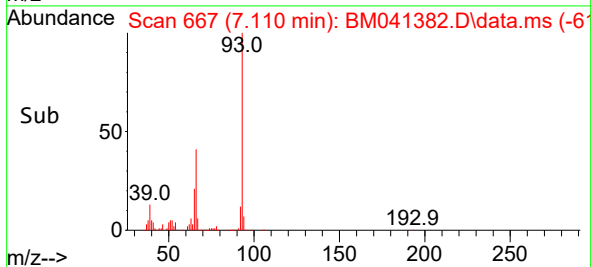
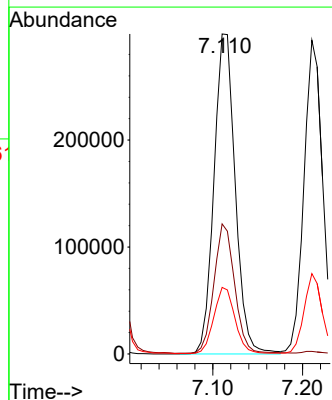
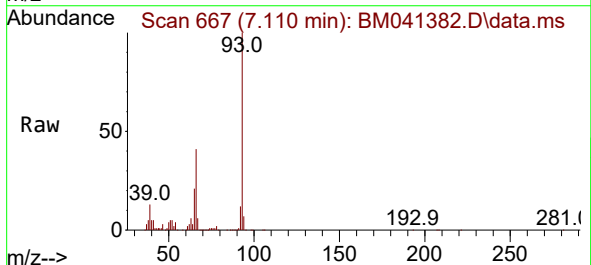
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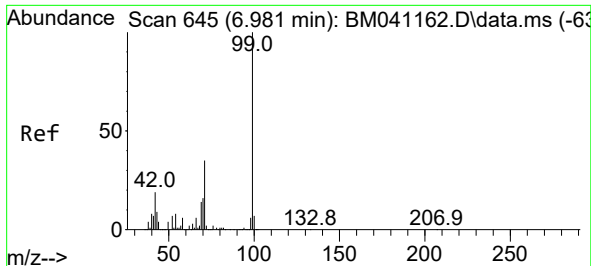
Tgt Ion:112 Resp: 1011951
Ion Ratio Lower Upper
112 100
64 58.2 48.5 72.7
63 33.4 26.5 39.7



#6
Aniline
Concen: 37.729 ng
RT: 7.110 min Scan# 667
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion: 93 Resp: 493117
Ion Ratio Lower Upper
93 100
66 40.7 32.0 48.0
65 20.8 16.6 24.8

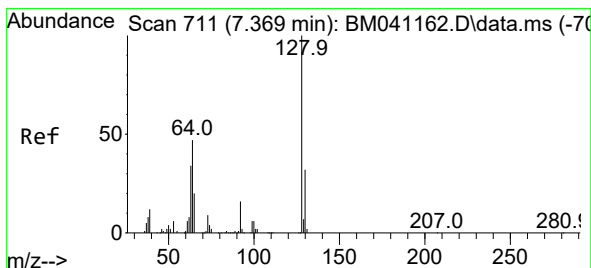
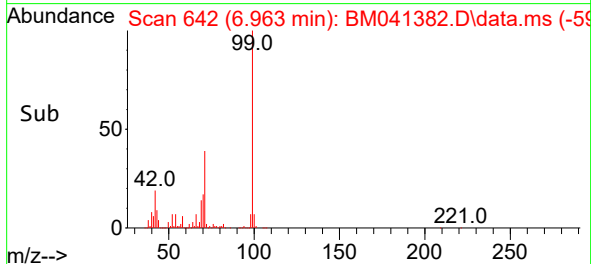
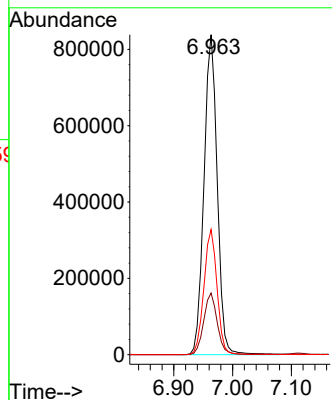
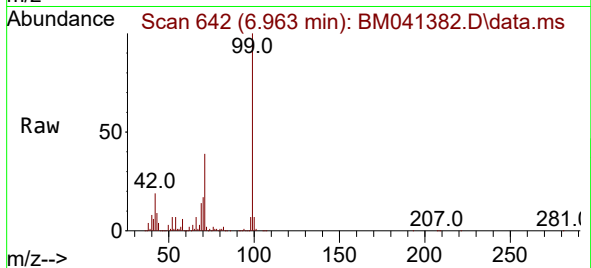




#7
Phenol-d6
Concen: 117.781 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

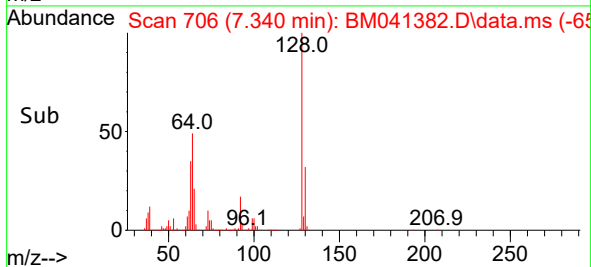
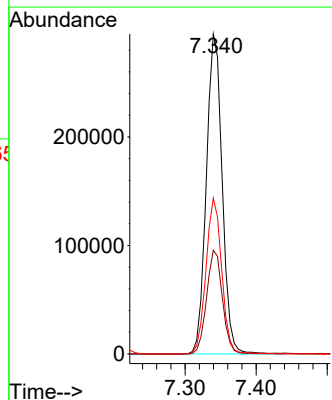
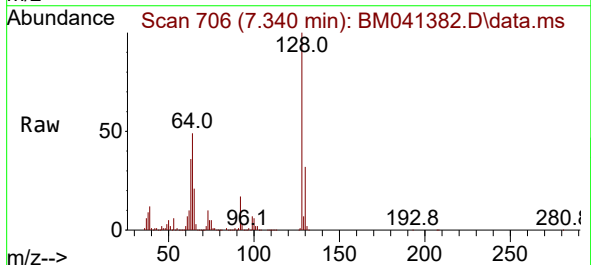
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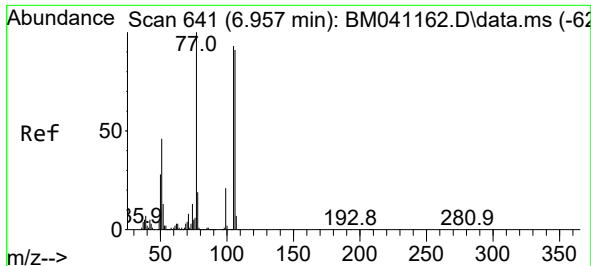
Tgt Ion: 99 Resp: 1315402
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.0
71 39.1 28.2 42.4



#8
2-Chlorophenol
Concen: 54.518 ng
RT: 7.340 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion: 128 Resp: 458556
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 48.7 29.3 69.3

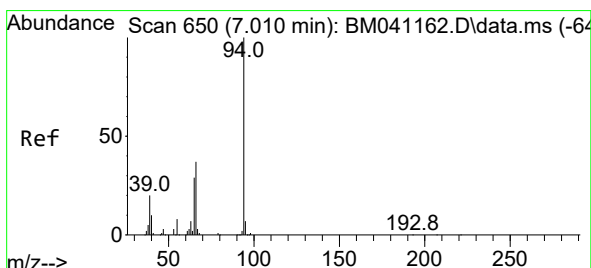
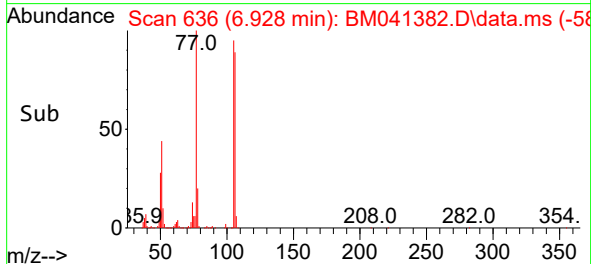
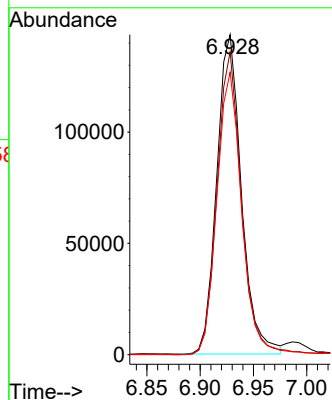
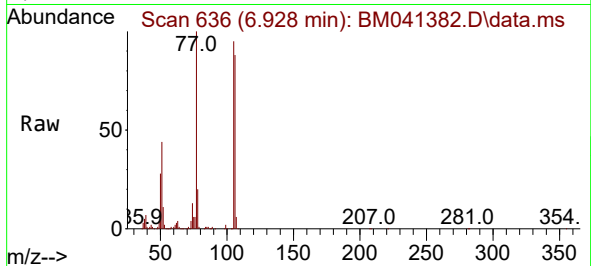




#9
Benzaldehyde
Concen: 39.225 ng
RT: 6.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

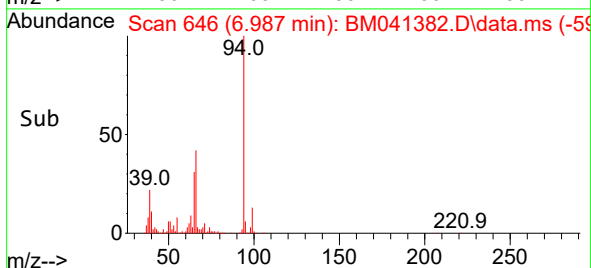
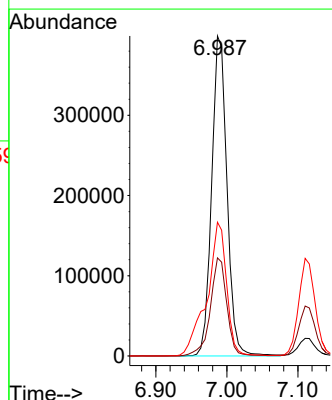
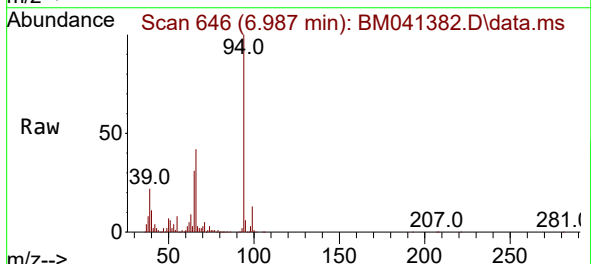
Instrument :
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ClientSampleId :
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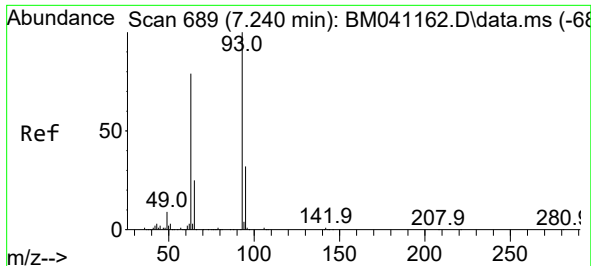
Tgt Ion: 77 Resp: 231155
Ion Ratio Lower Upper
77 100
105 94.7 72.8 112.8
106 88.3 70.8 110.8



#10
Phenol
Concen: 55.391 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion: 94 Resp: 597485
Ion Ratio Lower Upper
94 100
65 30.7 9.5 49.5
66 41.8 18.0 58.0

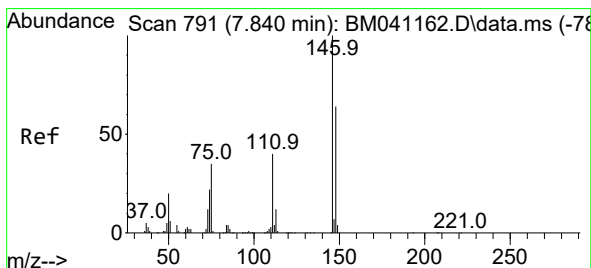
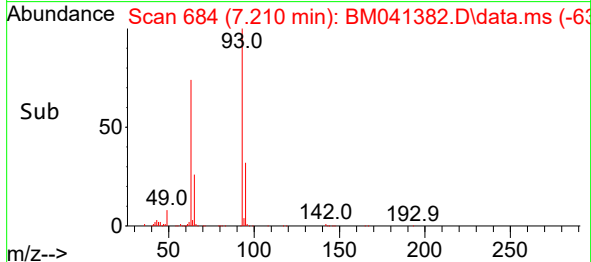
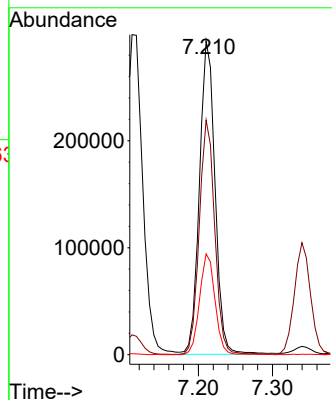
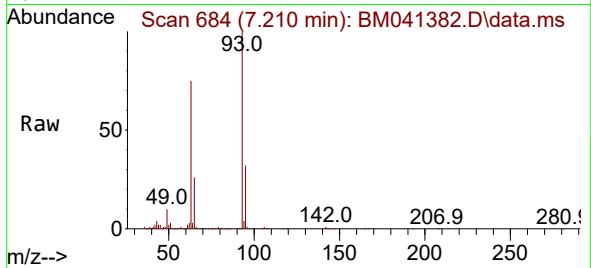




#11
bis(2-Chloroethyl)ether
Concen: 49.091 ng
RT: 7.210 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

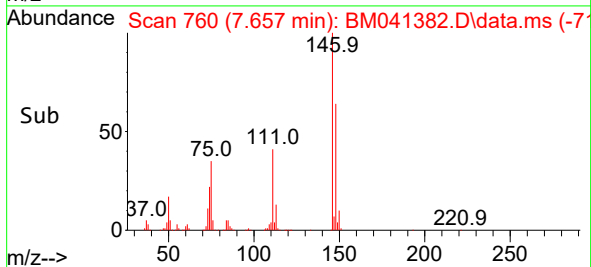
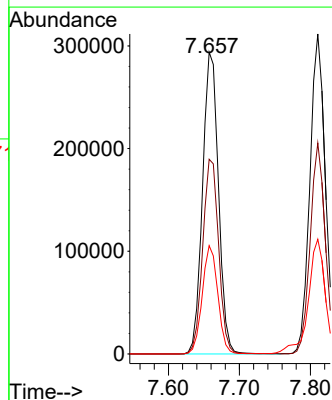
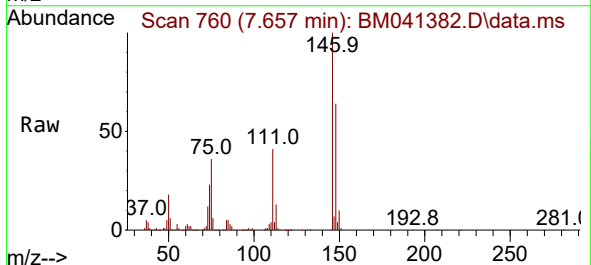
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

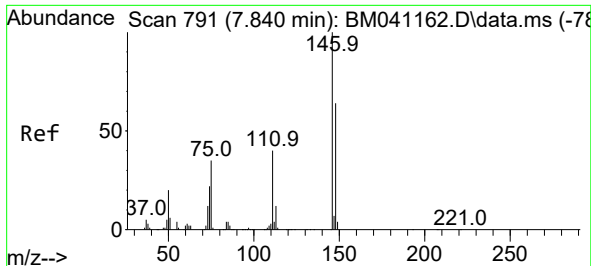
Tgt Ion: 93 Resp: 428634
Ion Ratio Lower Upper
93 100
63 74.8 58.8 98.8
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 50.170 ng
RT: 7.657 min Scan# 760
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:146 Resp: 459343
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 35.9 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 51.188 ng

RT: 7.810 min Scan# 710

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)MSD

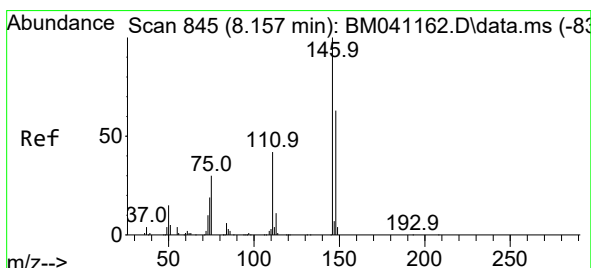
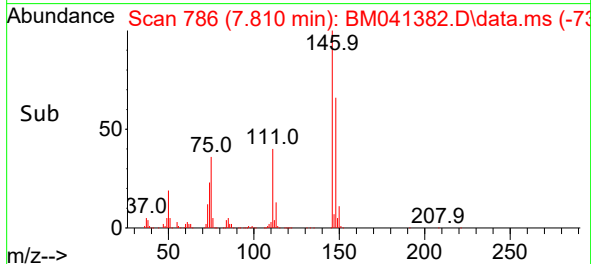
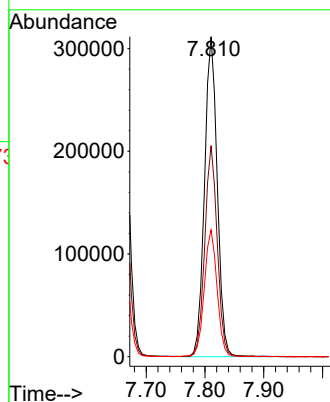
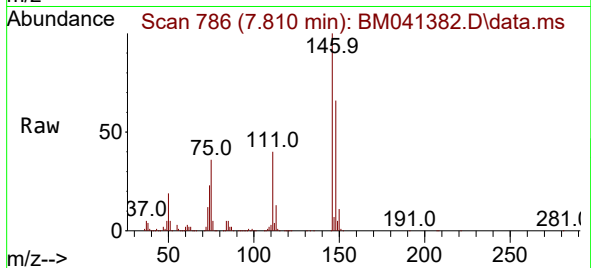
Tgt Ion:146 Resp: 471065

Ion Ratio Lower Upper

146 100

148 65.9 51.4 77.0

111 39.6 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 51.873 ng

RT: 8.122 min Scan# 839

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

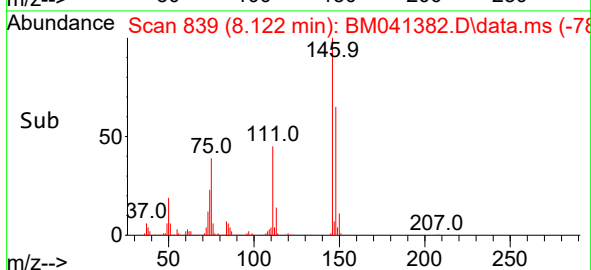
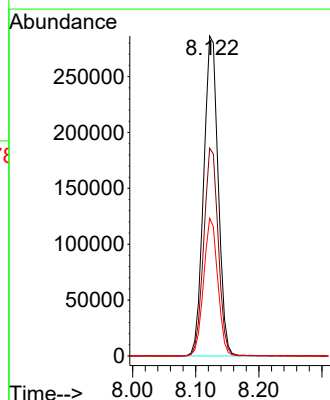
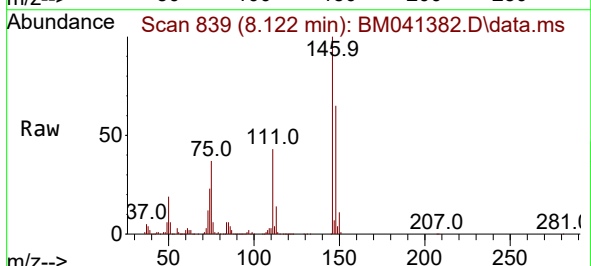
Tgt Ion:146 Resp: 457713

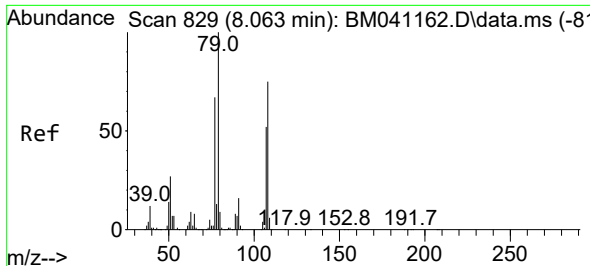
Ion Ratio Lower Upper

146 100

148 65.0 50.9 76.3

111 43.1 33.8 50.6

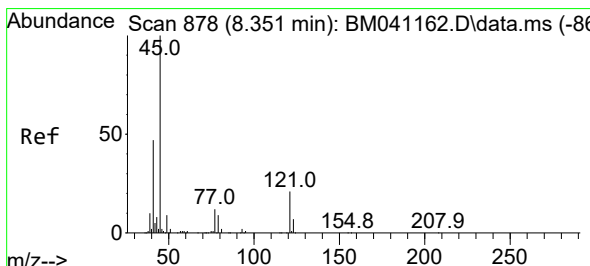
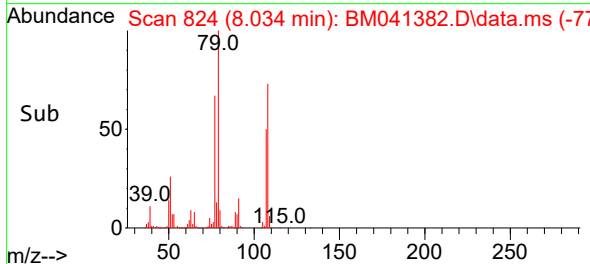
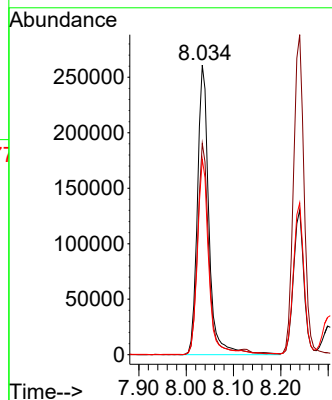
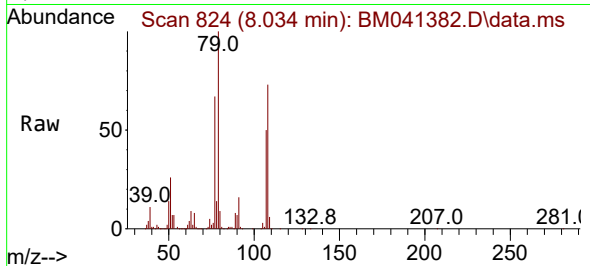




#15
Benzyl Alcohol
Concen: 62.505 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

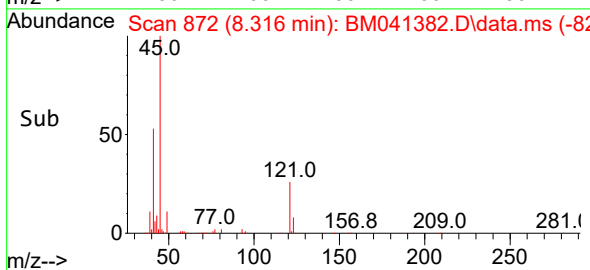
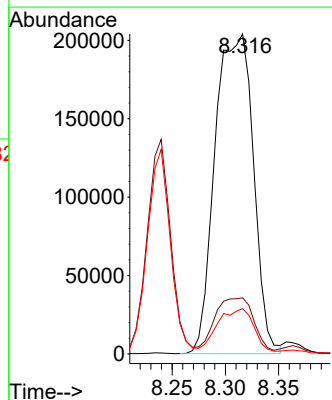
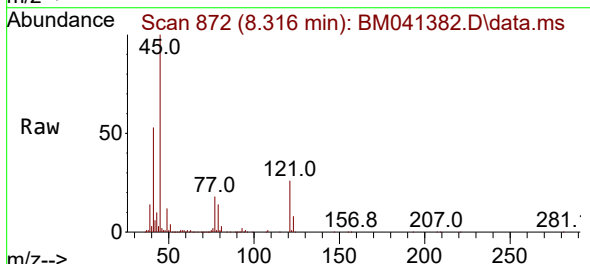
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

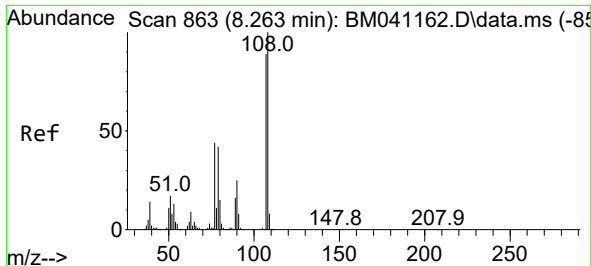
Tgt Ion: 79 Resp: 440836
Ion Ratio Lower Upper
79 100
108 72.9 59.8 89.8
77 67.5 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.683 ng
RT: 8.316 min Scan# 872
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion: 45 Resp: 508188
Ion Ratio Lower Upper
45 100
77 17.5 0.0 34.5
79 14.1 0.0 32.1

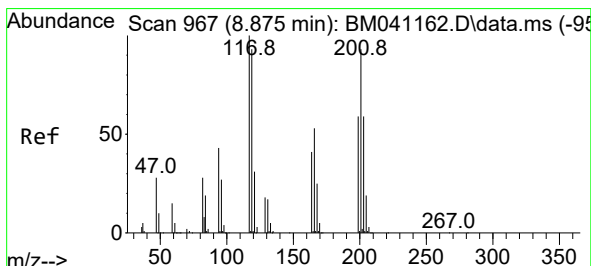
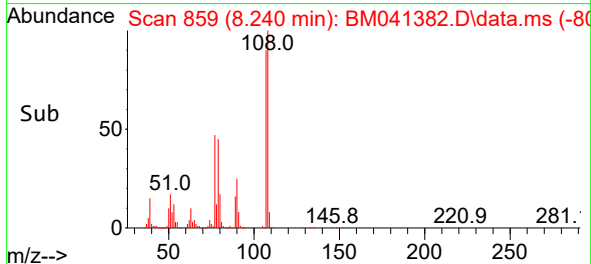
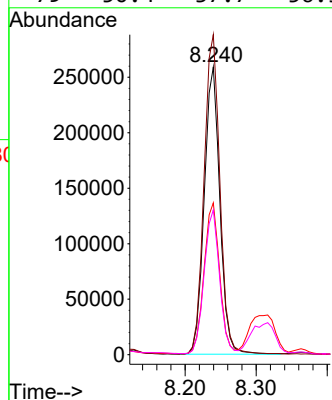
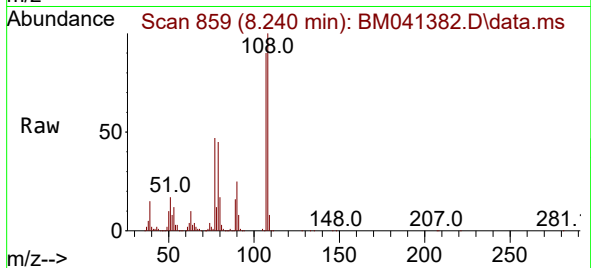




#17
2-Methylphenol
Concen: 53.755 ng
RT: 8.240 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

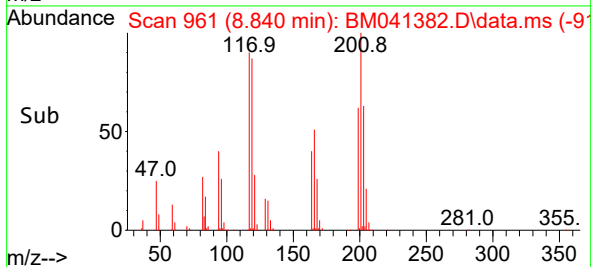
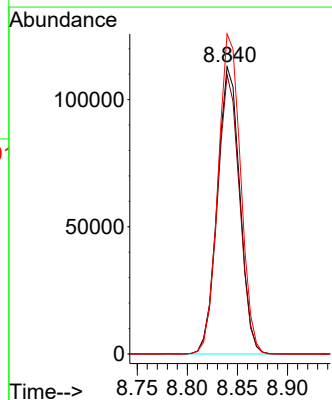
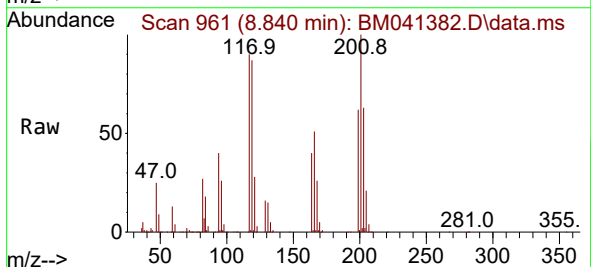
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

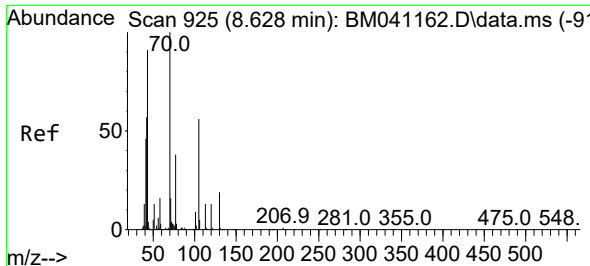
Tgt Ion:107 Resp: 396143
Ion Ratio Lower Upper
107 100
108 111.3 89.9 134.9
77 52.8 39.8 59.8
79 50.4 37.7 56.5



#18
Hexachloroethane
Concen: 51.377 ng
RT: 8.840 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:117 Resp: 176021
Ion Ratio Lower Upper
117 100
119 97.3 74.2 111.4
201 111.4 74.5 111.7

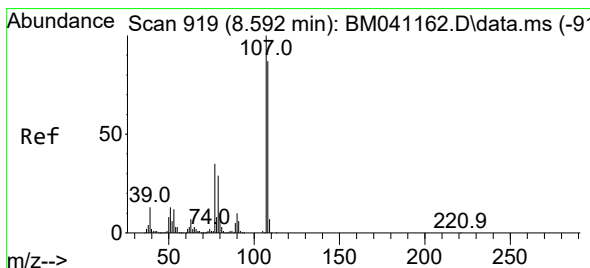
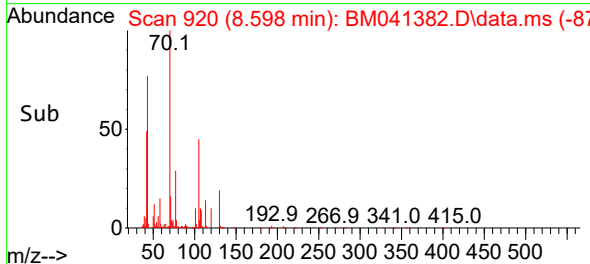
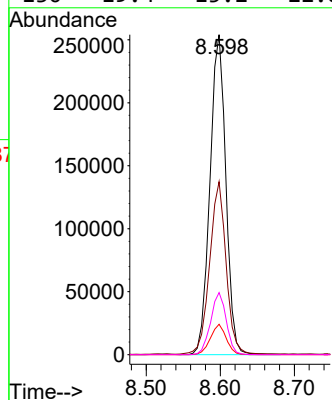
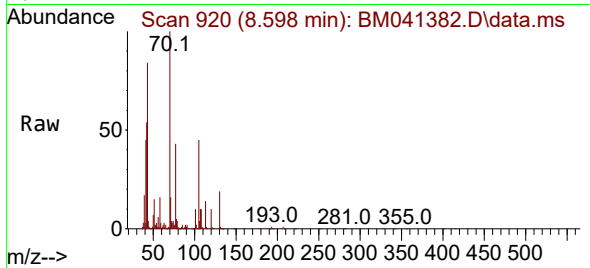




#19
n-Nitroso-di-n-propylamine
Concen: 55.802 ng
RT: 8.598 min Scan# 915
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

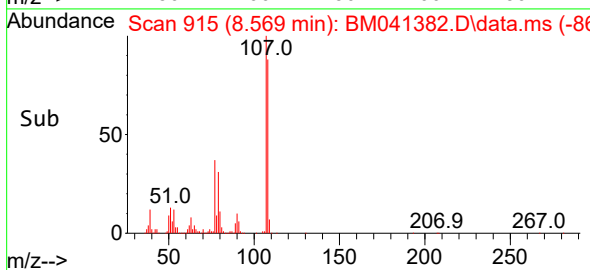
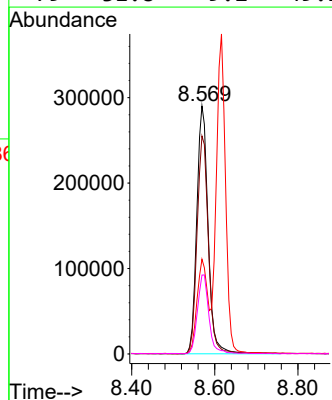
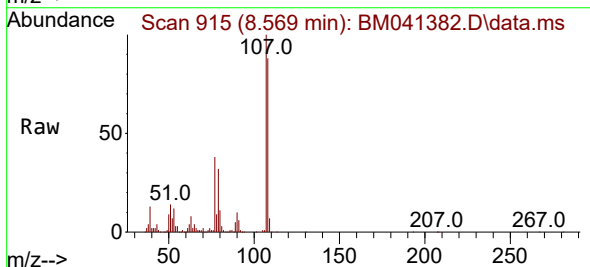
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

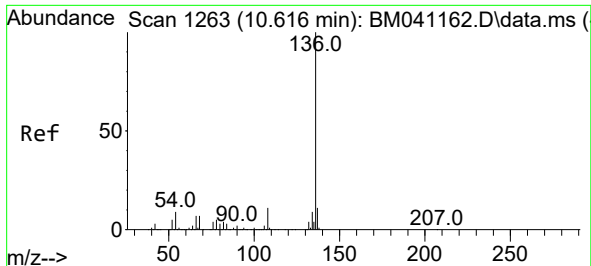
Tgt Ion: 70 Resp: 378529
Ion Ratio Lower Upper
70 100
42 54.0 45.8 68.8
101 9.5 7.4 11.0
130 19.4 15.2 22.8



#20
3+4-Methylphenols
Concen: 55.693 ng
RT: 8.569 min Scan# 915
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion: 107 Resp: 548764
Ion Ratio Lower Upper
107 100
108 87.9 67.2 107.2
77 38.2 15.4 55.4
79 31.8 9.2 49.2

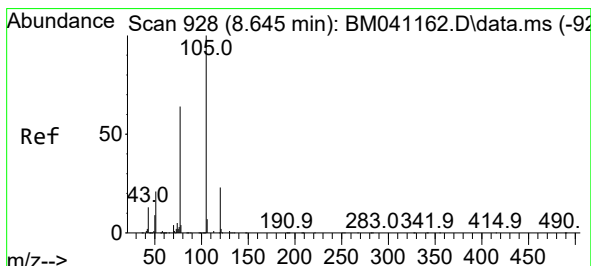
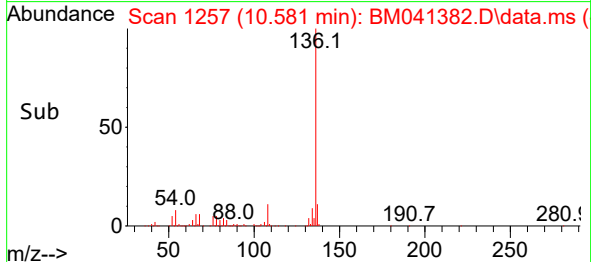
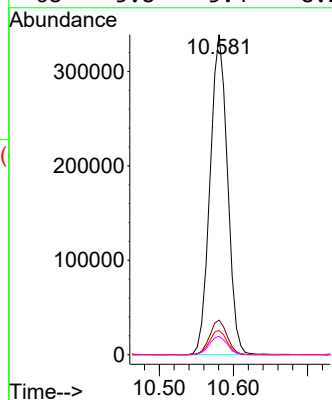
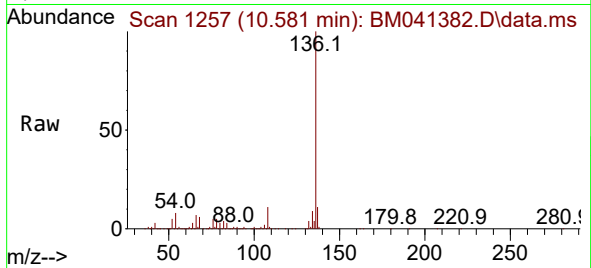




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

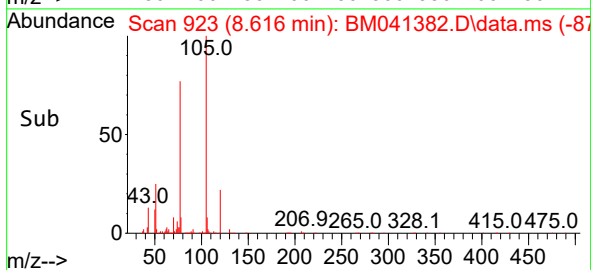
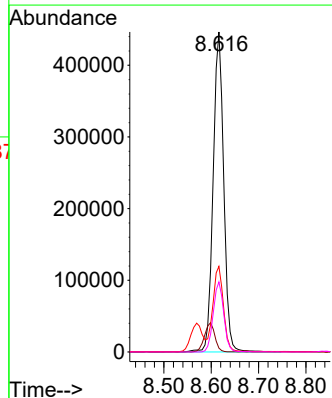
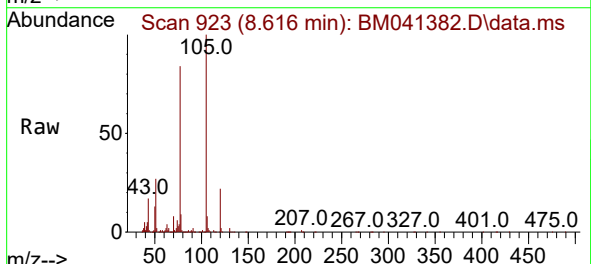
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

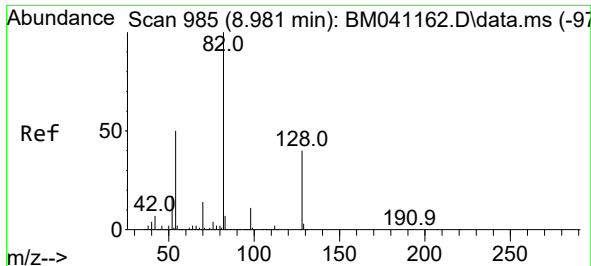
Tgt Ion:136 Resp: 552845
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.5 6.9 10.3
68 5.8 5.4 8.2



#22
Acetophenone
Concen: 47.462 ng
RT: 8.616 min Scan# 923
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:105 Resp: 694921
Ion Ratio Lower Upper
105 100
71 1.2 1.2 1.8#
51 26.8 22.0 33.0
120 21.9 18.0 27.0





#23

Nitrobenzene-d5

Concen: 69.339 ng

RT: 8.951 min Scan# 985

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)MSD

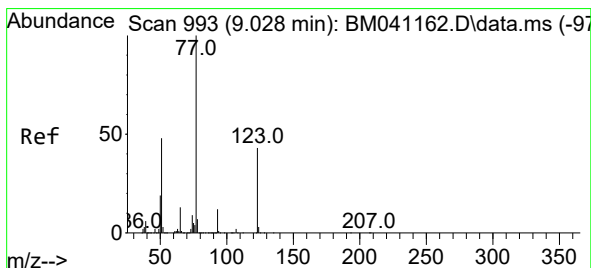
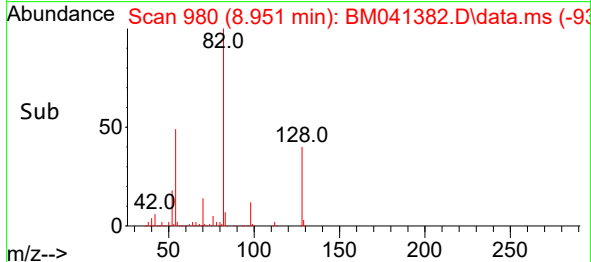
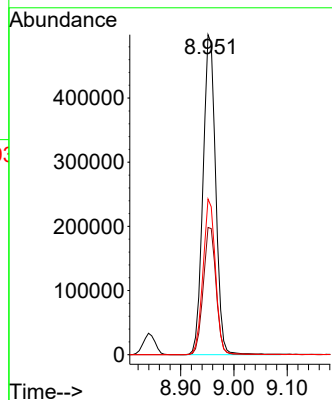
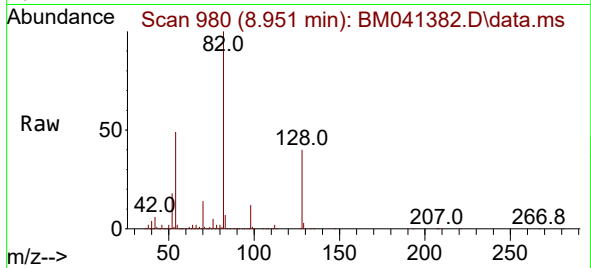
Tgt Ion: 82 Resp: 824298

Ion Ratio Lower Upper

82 100

128 39.8 31.8 47.6

54 48.7 40.1 60.1



#24

Nitrobenzene

Concen: 45.733 ng

RT: 8.998 min Scan# 988

Delta R.T. 0.000 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

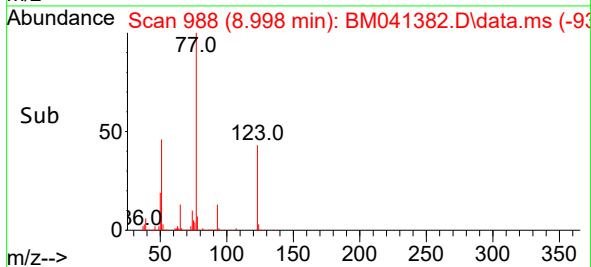
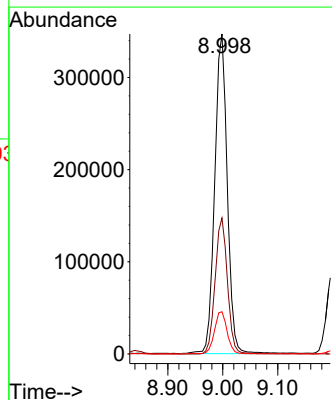
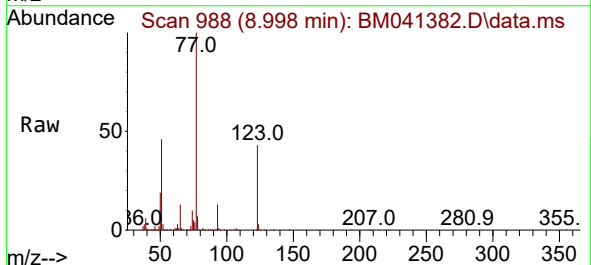
Tgt Ion: 77 Resp: 549805

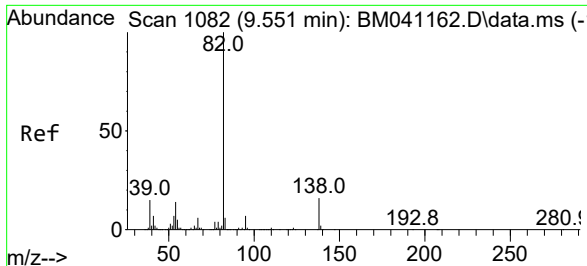
Ion Ratio Lower Upper

77 100

123 42.5 34.2 51.2

65 13.2 10.7 16.1

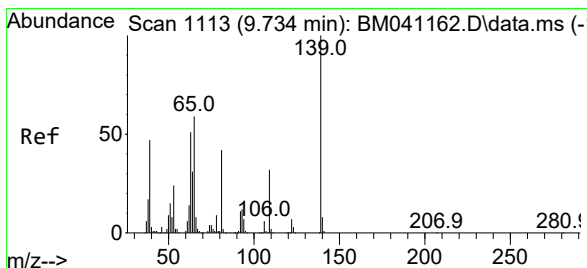
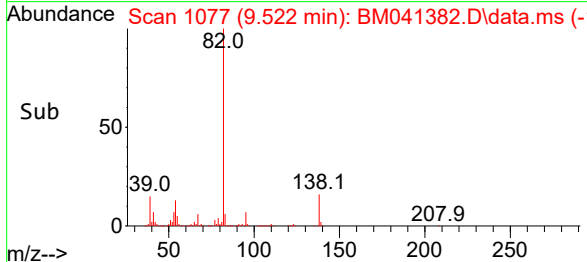
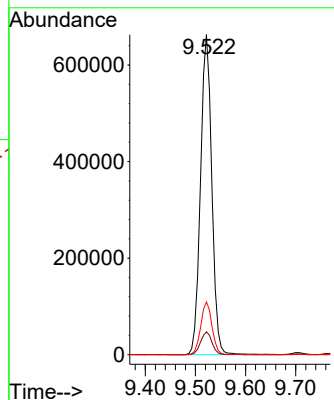
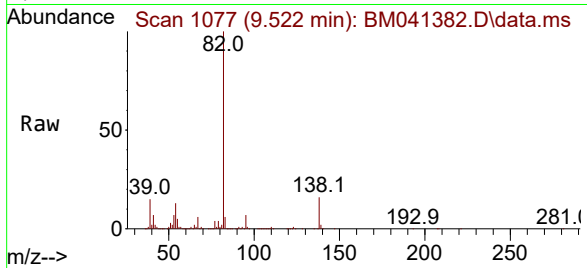




#25
Isophorone
Concen: 51.258 ng
RT: 9.522 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

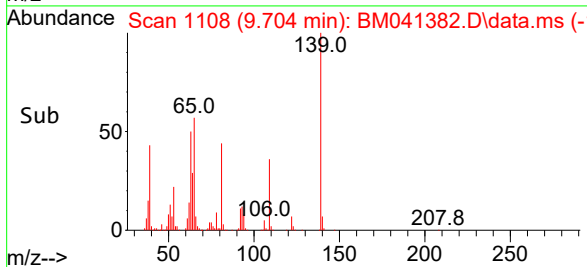
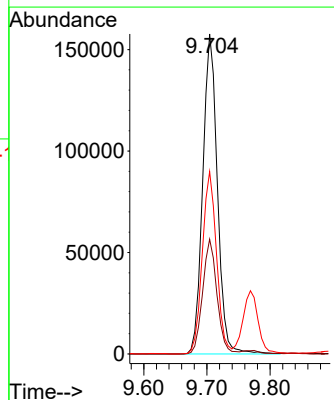
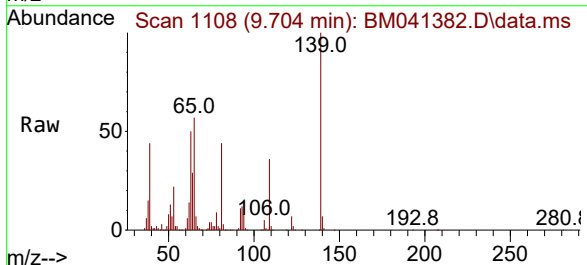
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

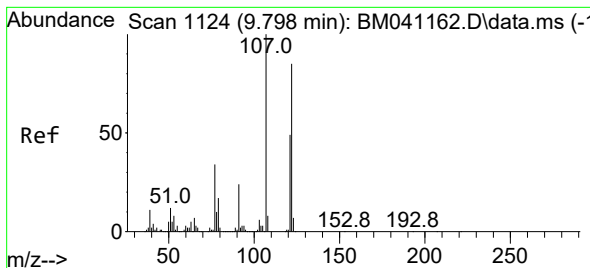
Tgt Ion: 82 Resp: 1034390
Ion Ratio Lower Upper
82 100
95 7.2 5.3 7.9
138 16.5 12.8 19.2



#26
2-Nitrophenol
Concen: 54.012 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion: 139 Resp: 253838
Ion Ratio Lower Upper
139 100
109 35.8 25.4 38.2
65 57.0 47.2 70.8

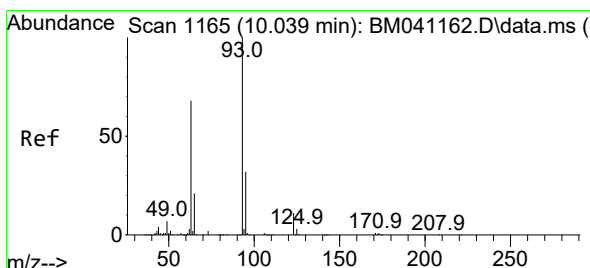
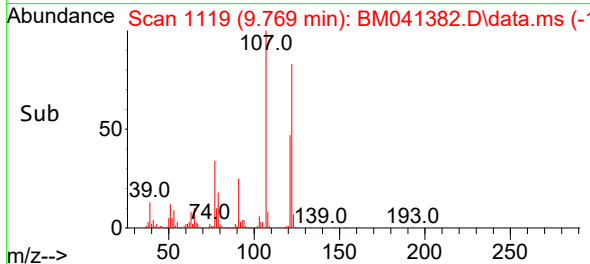
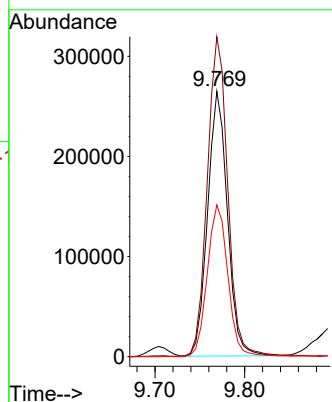
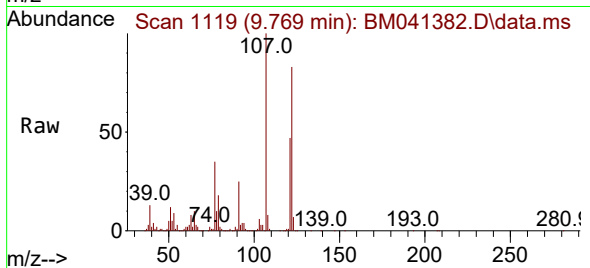




#27
2,4-Dimethylphenol
Concen: 49.113 ng
RT: 9.769 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

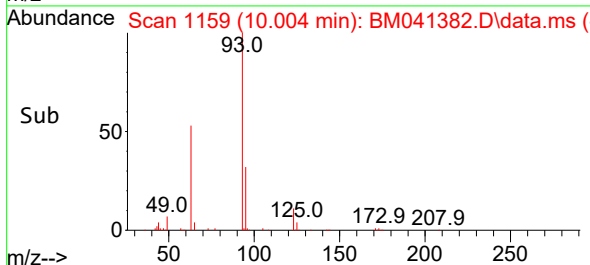
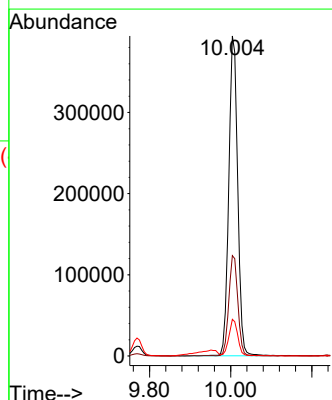
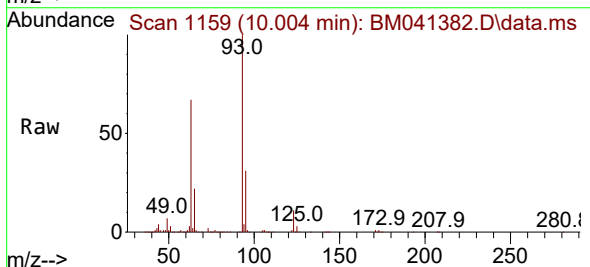
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

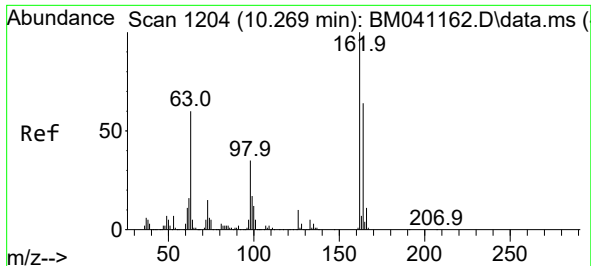
Tgt Ion:122 Resp: 406163
Ion Ratio Lower Upper
122 100
107 120.6 94.3 141.5
121 57.2 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.722 ng
RT: 10.004 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion: 93 Resp: 603248
Ion Ratio Lower Upper
93 100
95 31.4 25.9 38.9
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 57.167 ng

RT: 10.240 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)MSD

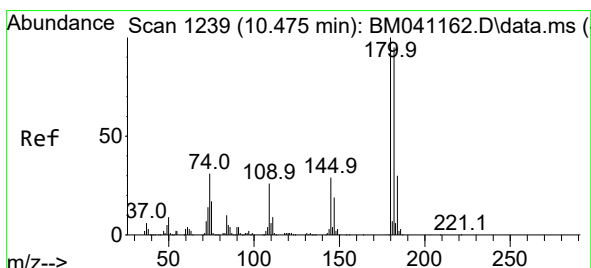
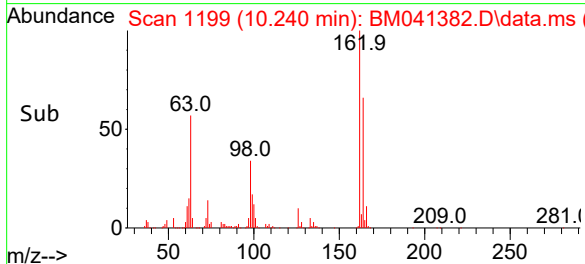
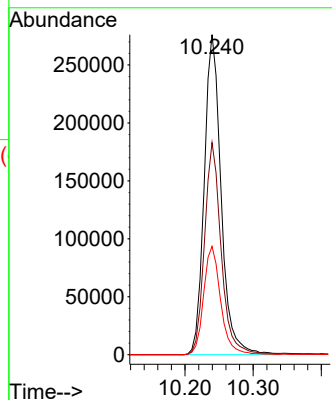
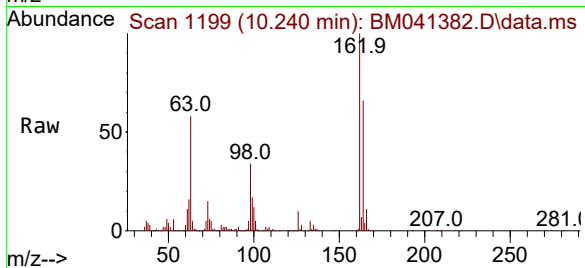
Tgt Ion:162 Resp: 476758

Ion Ratio Lower Upper

162 100

164 66.3 44.3 84.3

98 33.8 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 52.401 ng

RT: 10.445 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

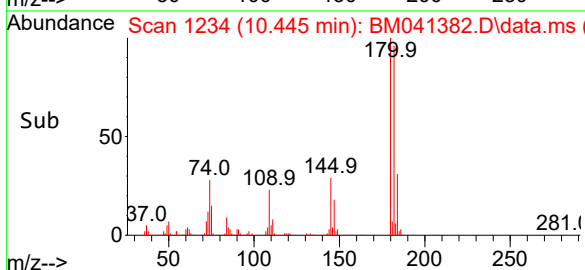
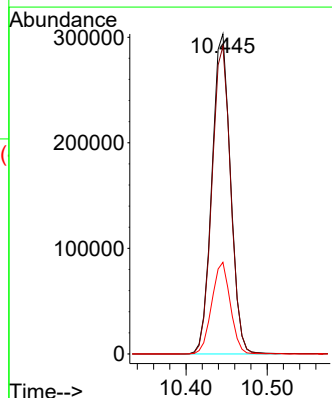
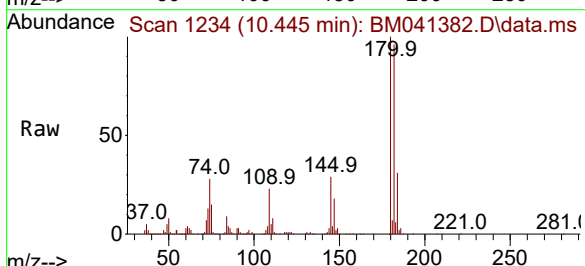
Tgt Ion:180 Resp: 482828

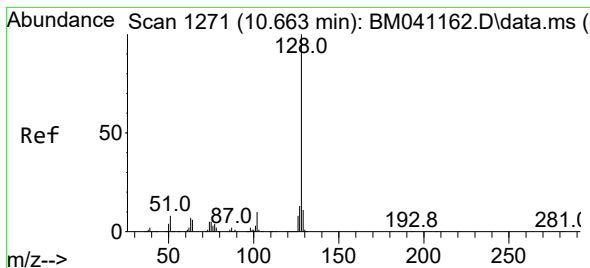
Ion Ratio Lower Upper

180 100

182 96.2 75.9 113.9

145 28.7 23.6 35.4

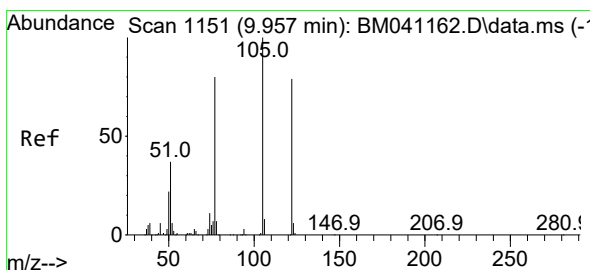
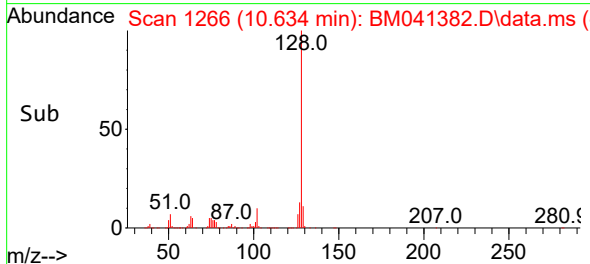
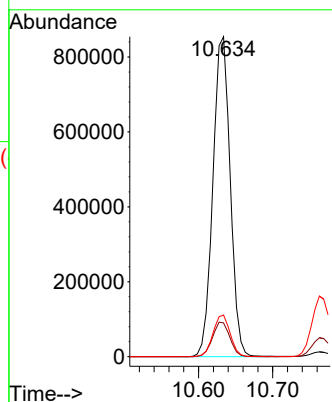
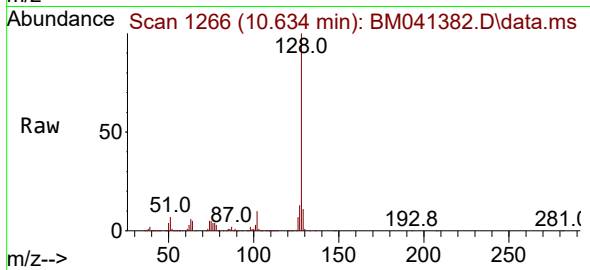




#31
Naphthalene
Concen: 46.182 ng
RT: 10.634 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

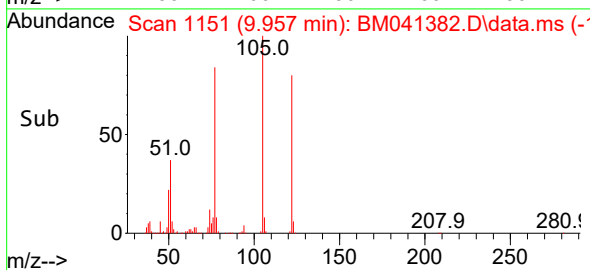
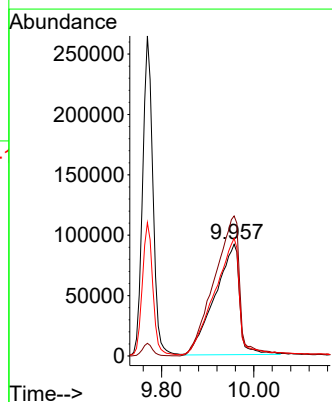
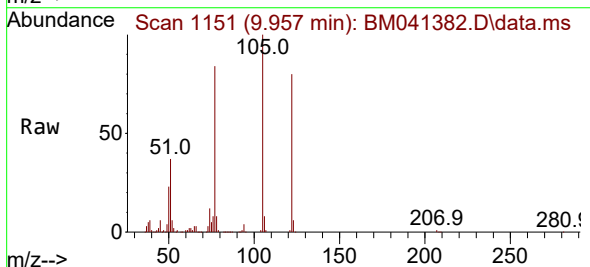
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

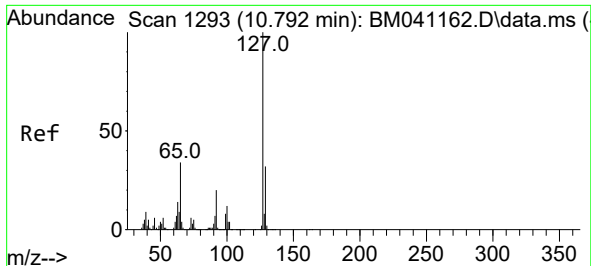
Tgt Ion:128 Resp: 1385491
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 53.751 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:122 Resp: 340113
Ion Ratio Lower Upper
122 100
105 125.4 104.0 144.0
77 105.3 79.9 119.9

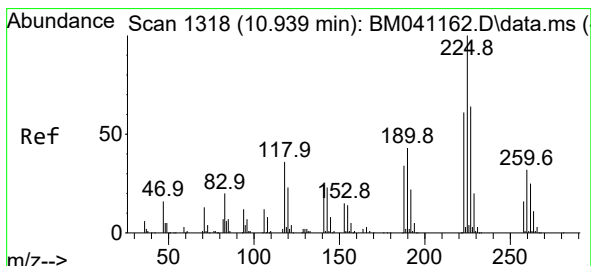
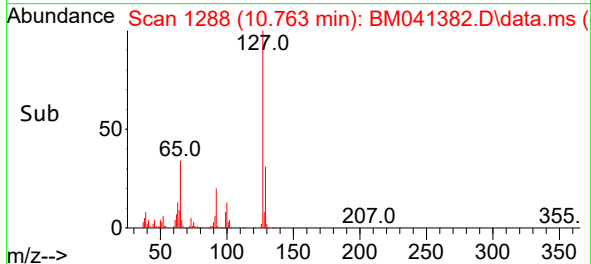
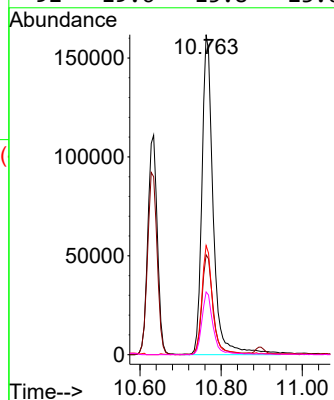
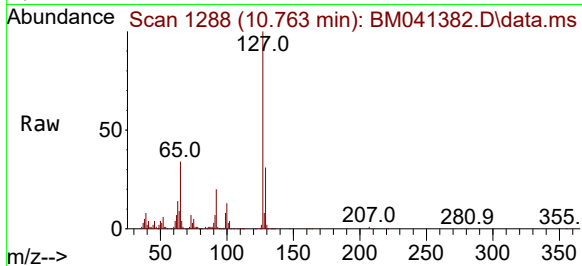




#33
4-Chloroaniline
Concen: 26.172 ng
RT: 10.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

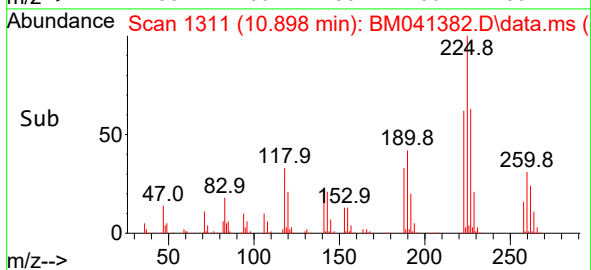
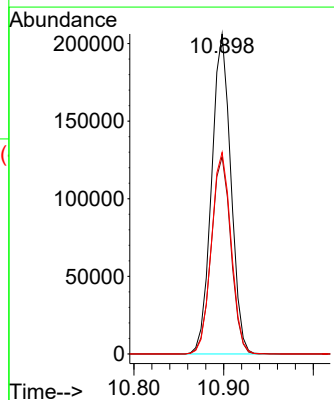
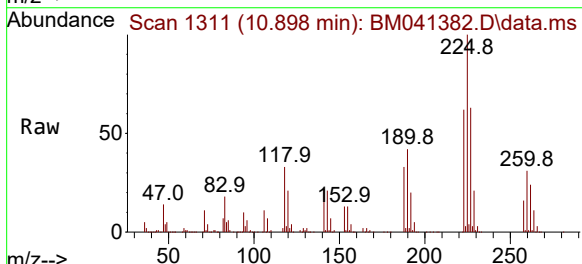
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

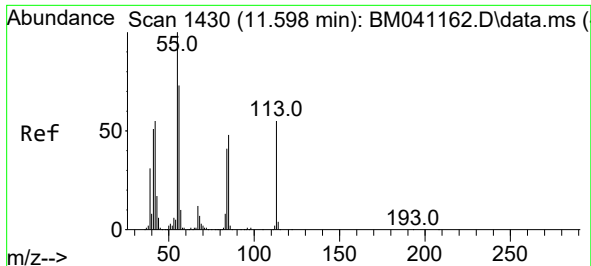
Tgt Ion:	127	Resp:	313787
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	34.1	26.9	40.3
92	19.6	15.8	23.6



#34
Hexachlorobutadiene
Concen: 55.424 ng
RT: 10.898 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:	225	Resp:	307145
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.0	73.4
227	63.0	50.8	76.2

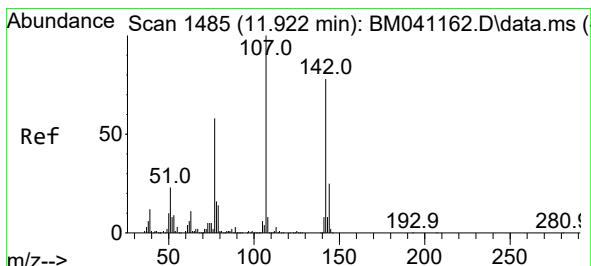
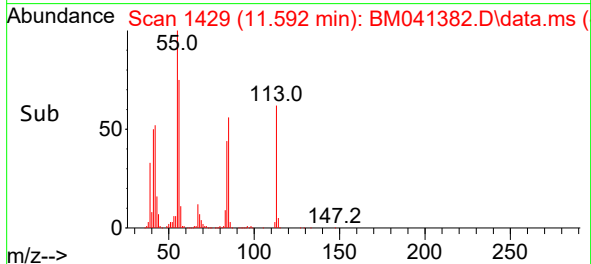
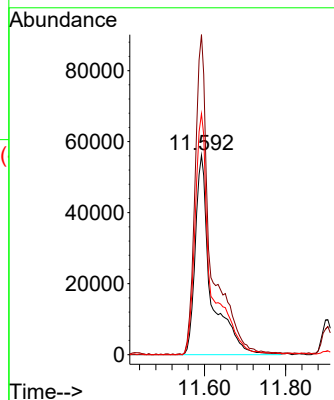
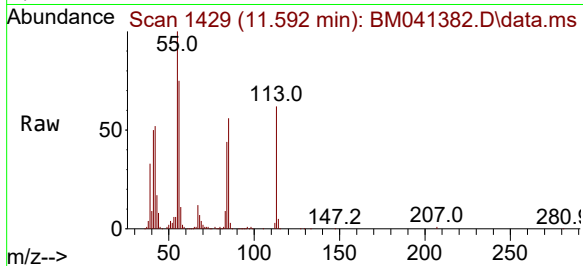




#35
 Caprolactam
 Concen: 63.280 ng
 RT: 11.592 min Scan# 1429
 Delta R.T. -0.012 min
 Lab File: BM041382.D
 Acq: 11 Aug 2023 11:53

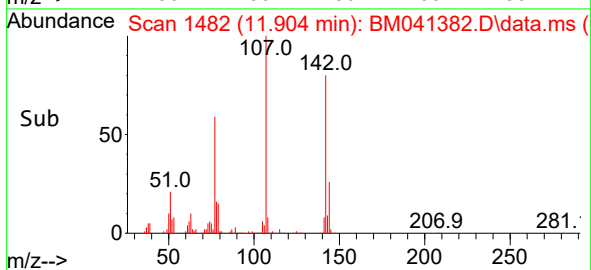
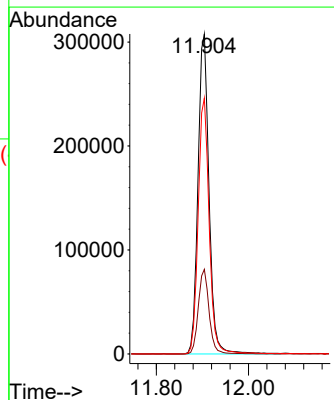
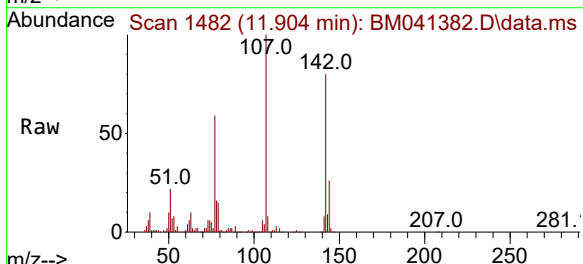
Instrument :
 BNA_M
 ClientSampleId :
 BUILDING-B-11-(10-15)MSD

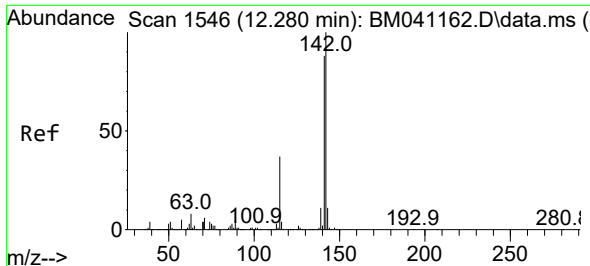
Tgt Ion:113 Resp: 152666
 Ion Ratio Lower Upper
 113 100
 55 160.5 162.5 202.5#
 56 120.8 114.1 154.1



#36
 4-Chloro-3-methylphenol
 Concen: 58.175 ng
 RT: 11.904 min Scan# 1482
 Delta R.T. 0.000 min
 Lab File: BM041382.D
 Acq: 11 Aug 2023 11:53

Tgt Ion:107 Resp: 510647
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.1 30.1
 142 80.0 62.2 93.4





#37

2-Methylnaphthalene

Concen: 48.629 ng

RT: 12.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)MSD

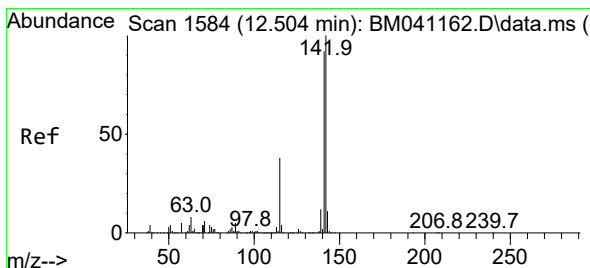
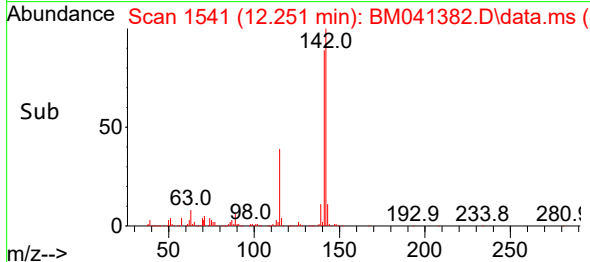
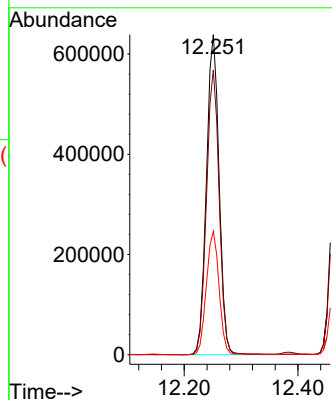
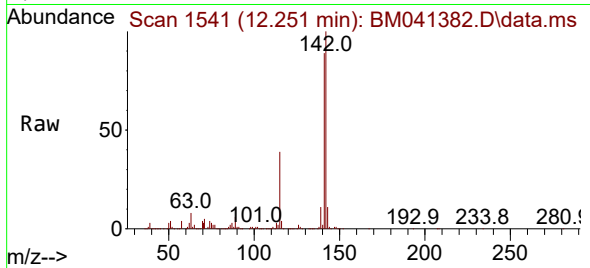
Tgt Ion:142 Resp: 983563

Ion Ratio Lower Upper

142 100

141 89.0 70.7 106.1

115 38.6 29.3 43.9



#38

1-Methylnaphthalene

Concen: 50.545 ng

RT: 12.469 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

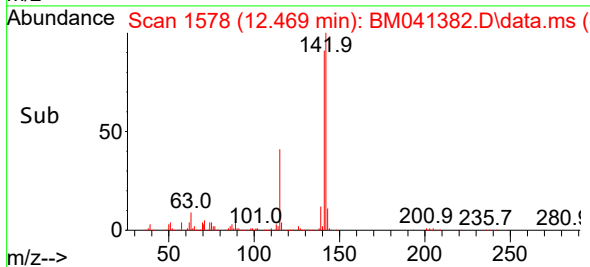
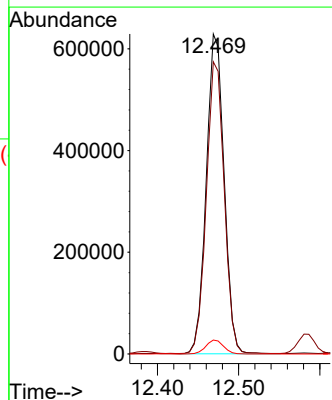
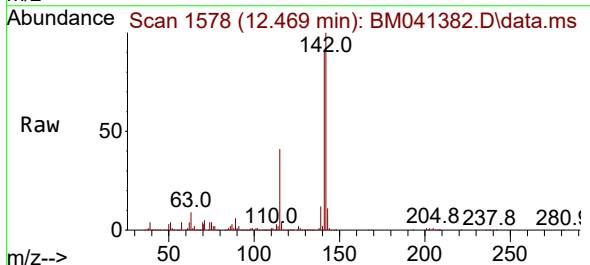
Tgt Ion:142 Resp: 956833

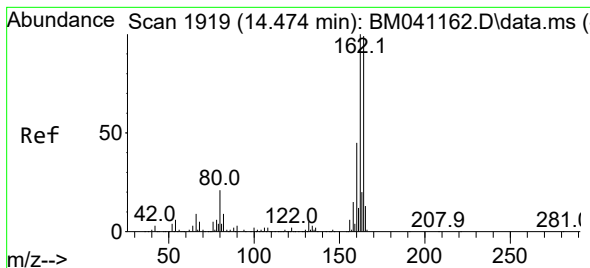
Ion Ratio Lower Upper

142 100

141 91.3 73.4 110.2

116 4.3 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)MSD

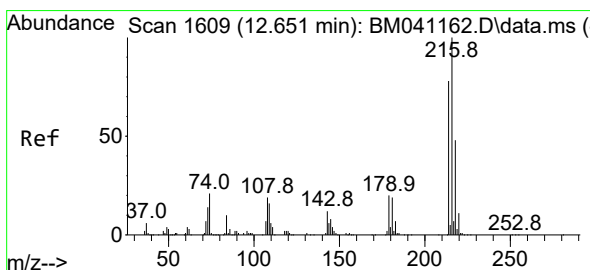
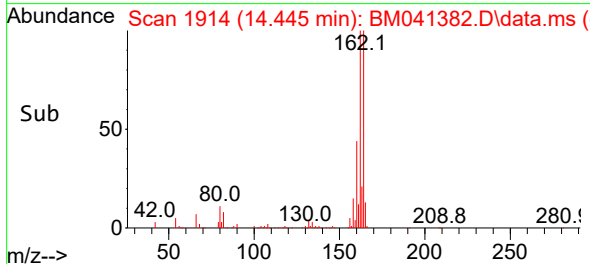
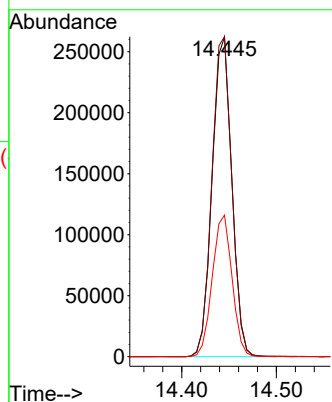
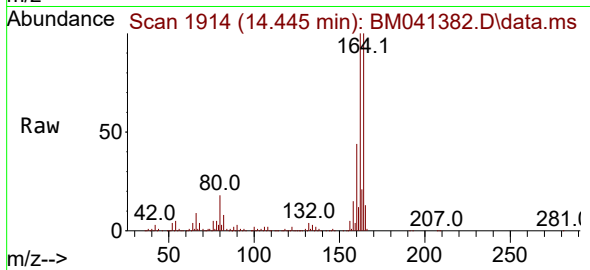
Tgt Ion:164 Resp: 378718

Ion Ratio Lower Upper

164 100

162 100.0 80.4 120.6

160 44.3 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.851 ng

RT: 12.622 min Scan# 1604

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

Tgt Ion:216 Resp: 576145

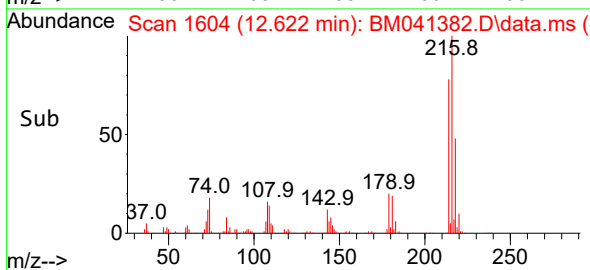
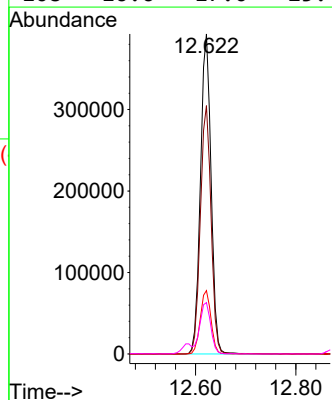
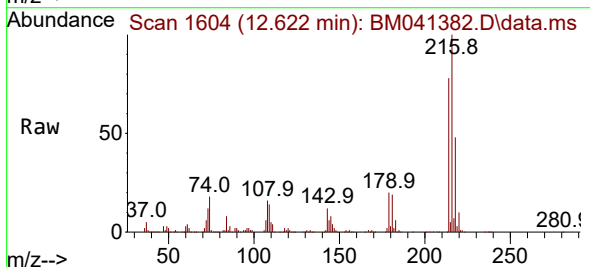
Ion Ratio Lower Upper

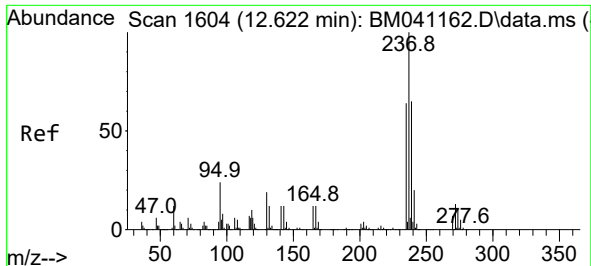
216 100

214 78.1 63.2 94.8

179 20.0 16.2 24.2

108 16.6 17.0 25.4#

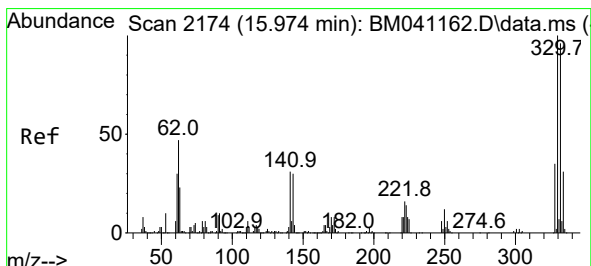
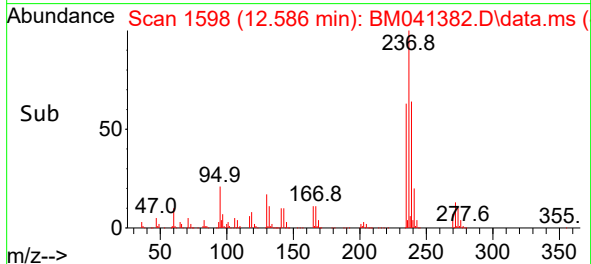
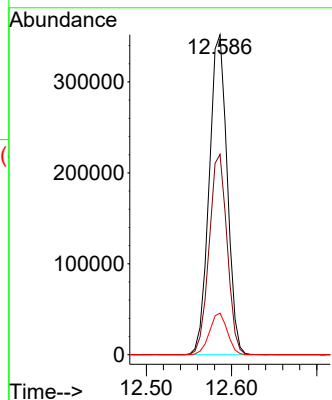
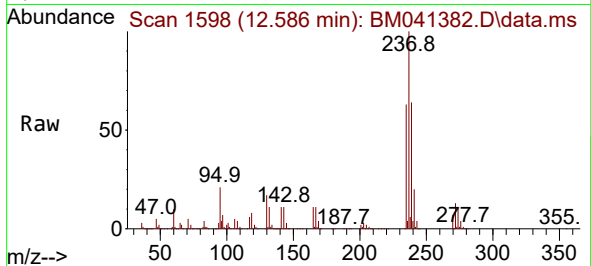




#41
Hexachlorocyclopentadiene
Concen: 79.325 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

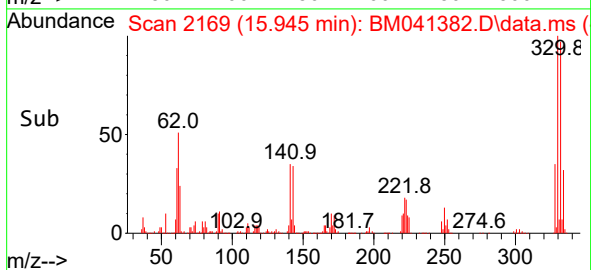
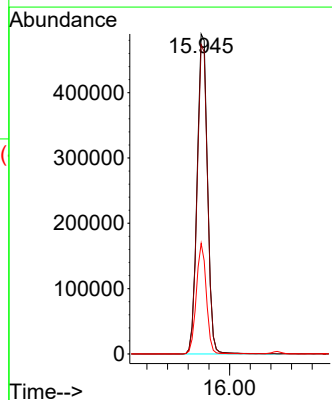
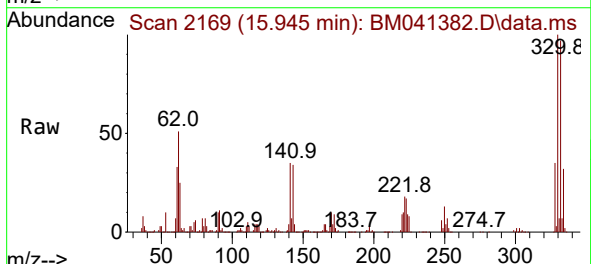
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

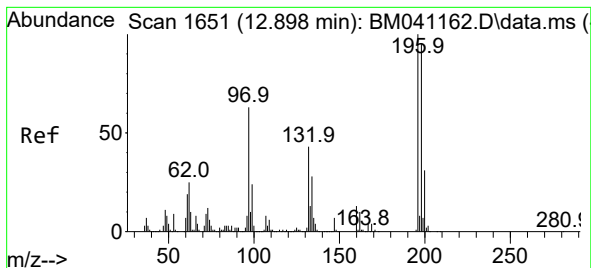
Tgt Ion:237 Resp: 516082
Ion Ratio Lower Upper
237 100
235 62.6 43.6 83.6
272 13.0 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 127.759 ng
RT: 15.945 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:330 Resp: 684373
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 33.4 28.3 42.5

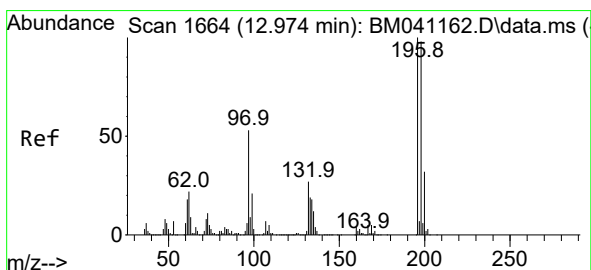
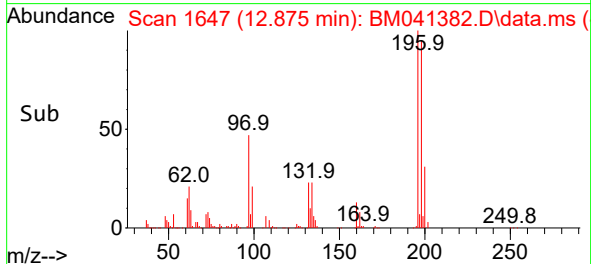
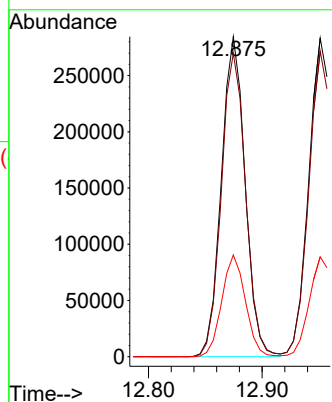
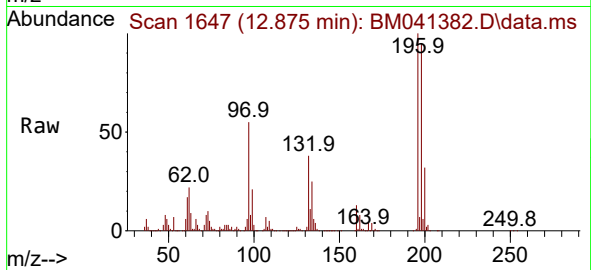




#43
2,4,6-Trichlorophenol
Concen: 52.625 ng
RT: 12.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

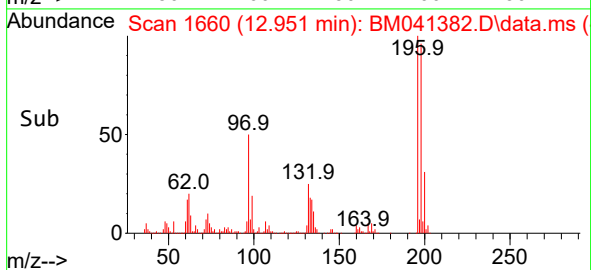
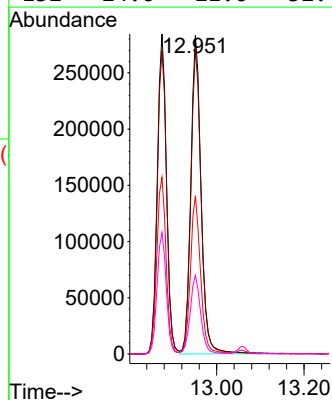
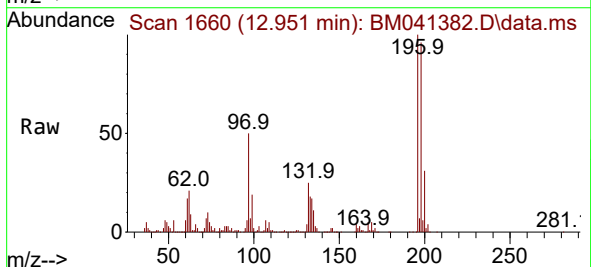
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

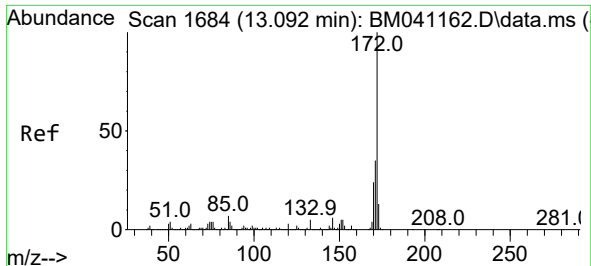
Tgt Ion:196 Resp: 414785
Ion Ratio Lower Upper
196 100
198 94.8 76.2 114.4
200 31.8 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 50.806 ng
RT: 12.951 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:196 Resp: 463489
Ion Ratio Lower Upper
196 100
198 95.9 78.2 117.4
97 49.7 42.7 64.1
132 24.6 21.6 32.4

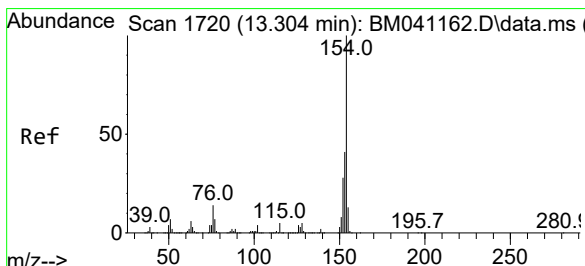
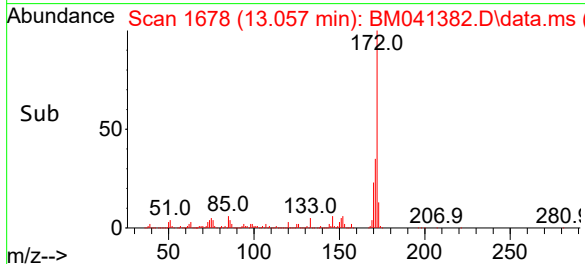
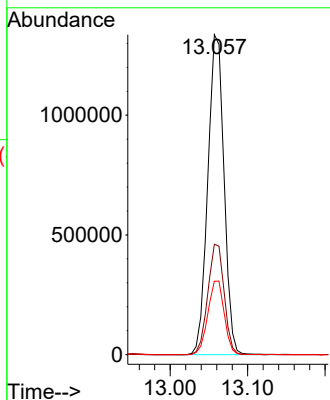
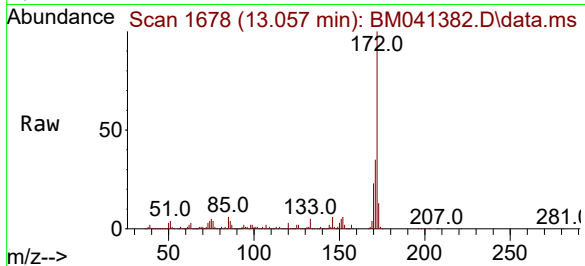




#45
2-Fluorobiphenyl
Concen: 65.061 ng
RT: 13.057 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

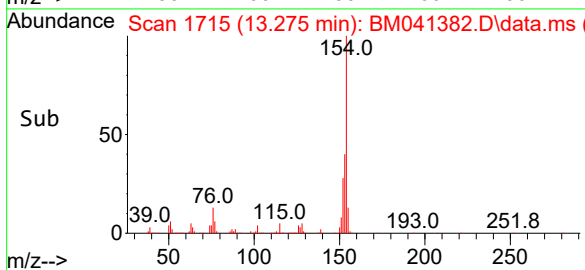
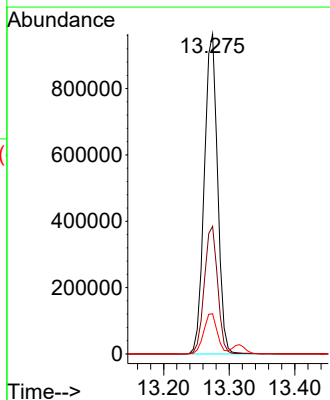
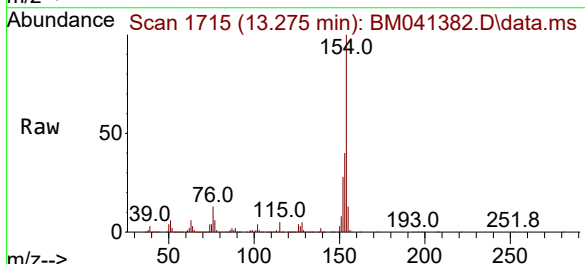
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

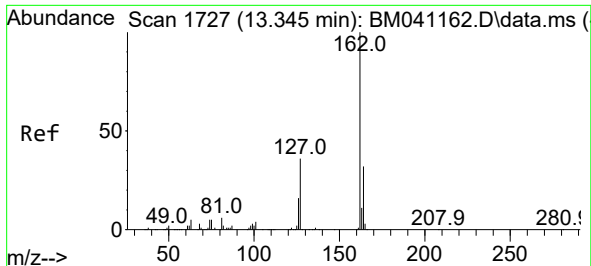
Tgt Ion:172 Resp: 1950509
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 44.380 ng
RT: 13.275 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:154 Resp: 1362574
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 12.6 0.0 34.1

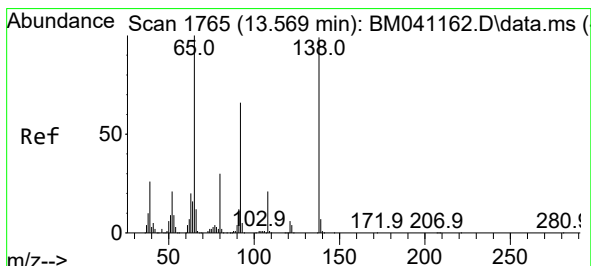
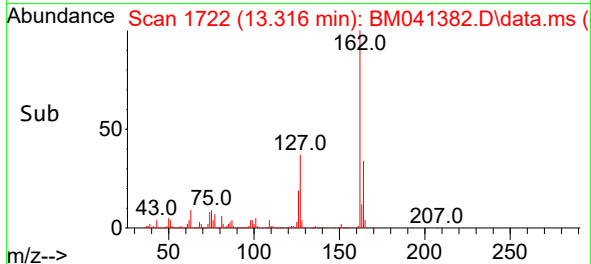
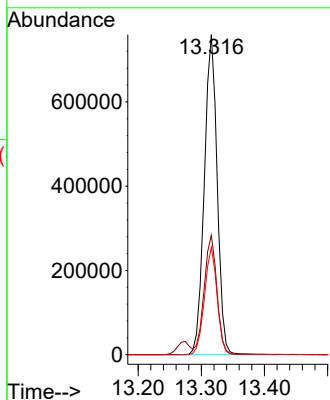
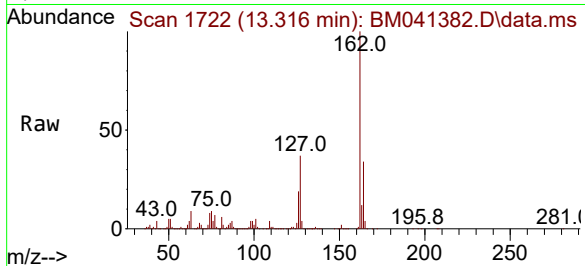




#47
2-Chloronaphthalene
Concen: 47.011 ng
RT: 13.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

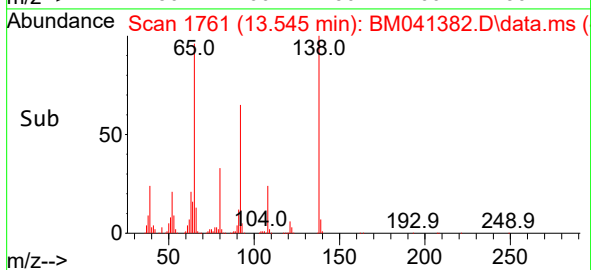
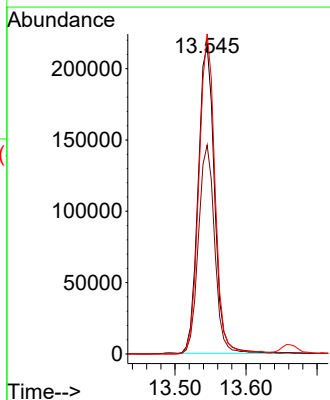
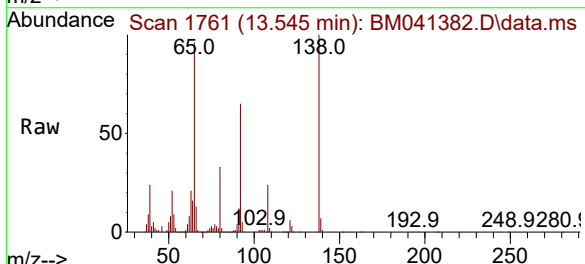
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

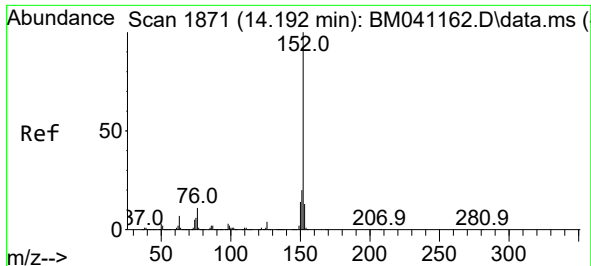
Tgt Ion:162 Resp: 1077708
Ion Ratio Lower Upper
162 100
127 37.3 30.6 45.8
164 33.5 25.6 38.4



#48
2-Nitroaniline
Concen: 47.436 ng
RT: 13.545 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion: 65 Resp: 347115
Ion Ratio Lower Upper
65 100
92 67.7 53.0 79.4
138 103.7 79.1 118.7

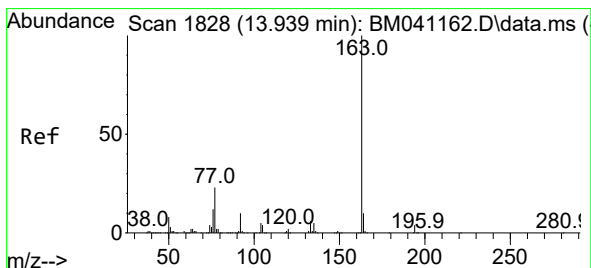
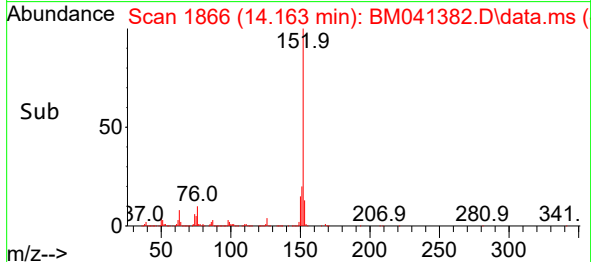
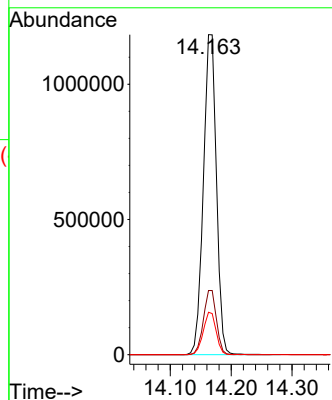
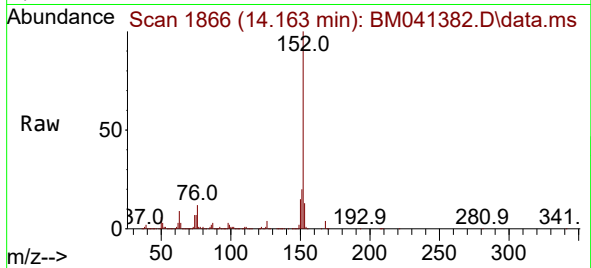




#49
Acenaphthylene
Concen: 47.649 ng
RT: 14.163 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

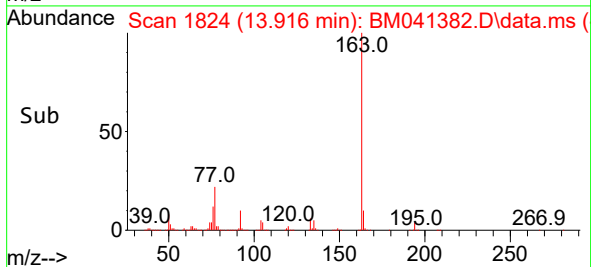
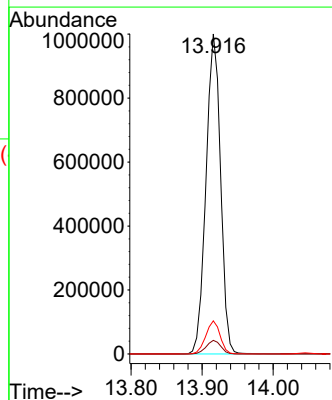
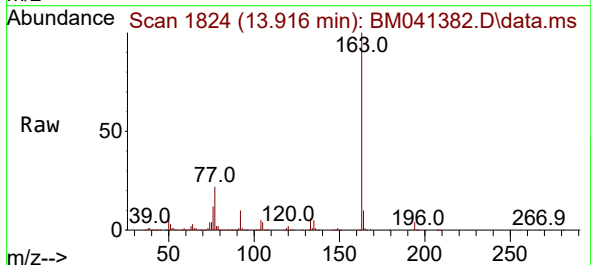
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

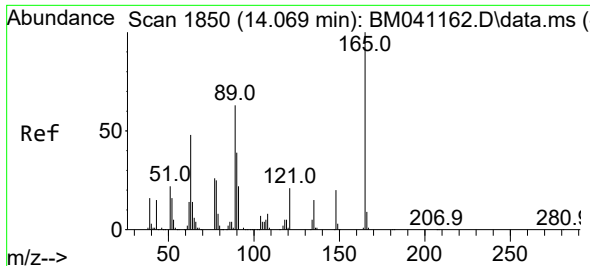
Tgt Ion:152 Resp: 1763088
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 50.063 ng
RT: 13.916 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:163 Resp: 1426196
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.3 8.3 12.5

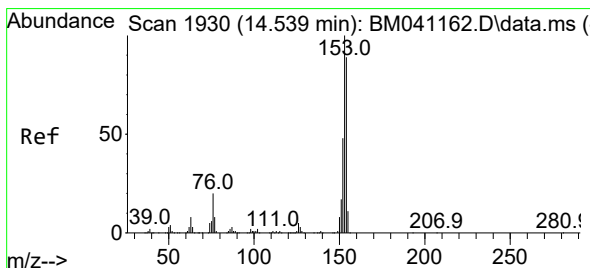
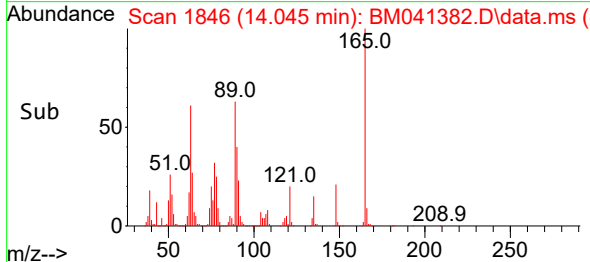
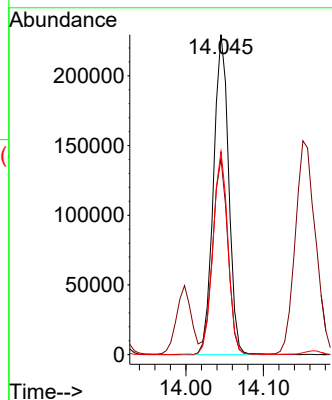
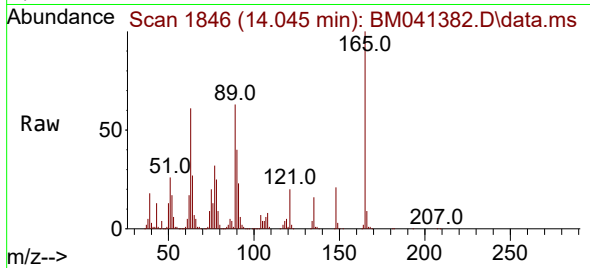




#51
2,6-Dinitrotoluene
Concen: 52.846 ng
RT: 14.045 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

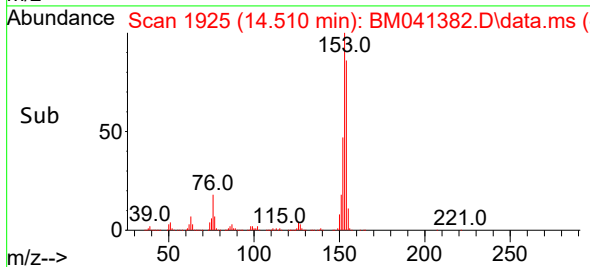
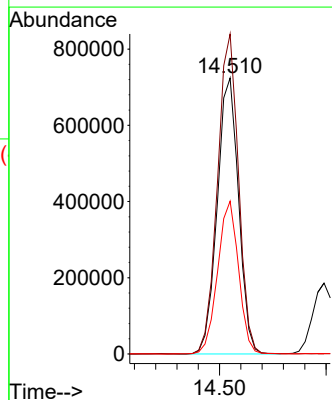
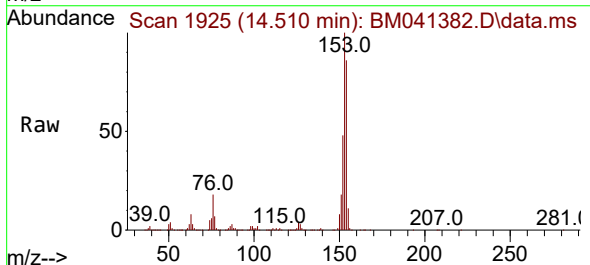
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

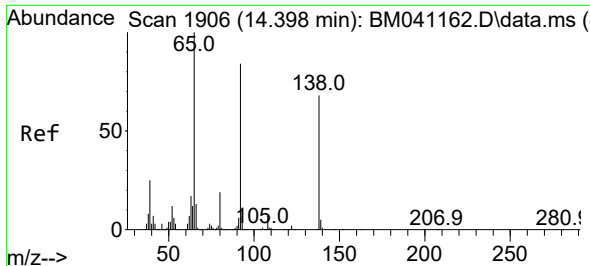
Tgt Ion:165 Resp: 311935
Ion Ratio Lower Upper
165 100
63 61.2 50.9 76.3
89 63.5 50.6 76.0



#52
Acenaphthene
Concen: 45.169 ng
RT: 14.510 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:154 Resp: 1006861
Ion Ratio Lower Upper
154 100
153 116.0 90.2 135.4
152 55.4 43.4 65.0

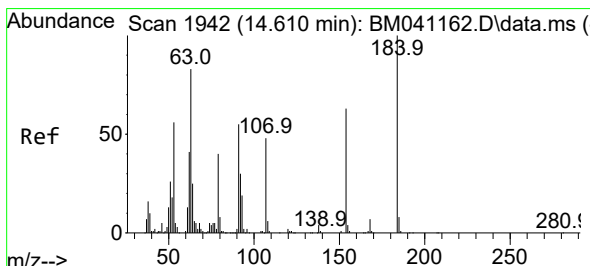
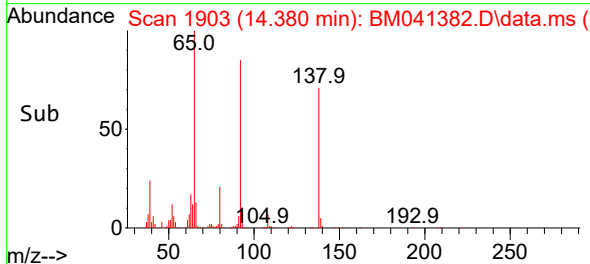
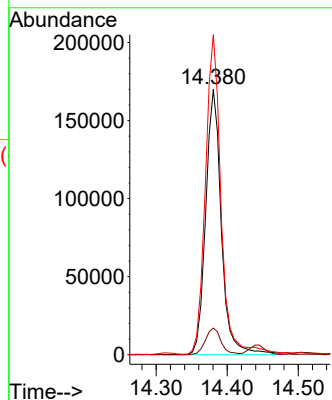
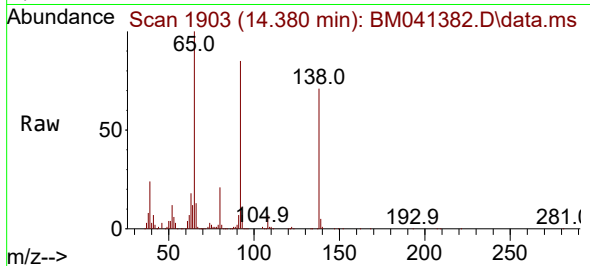




#53
3-Nitroaniline
Concen: 38.677 ng
RT: 14.380 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

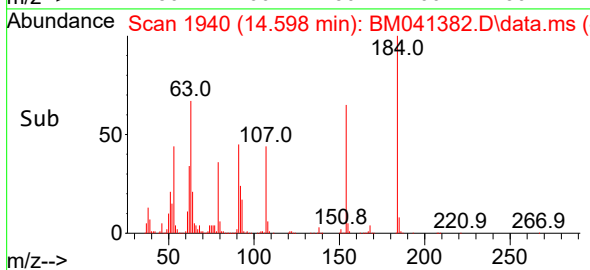
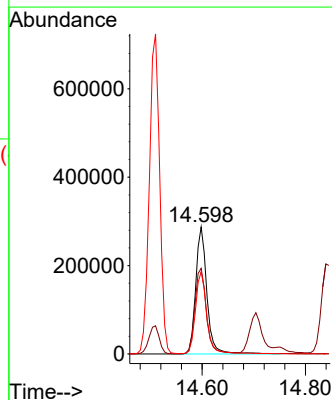
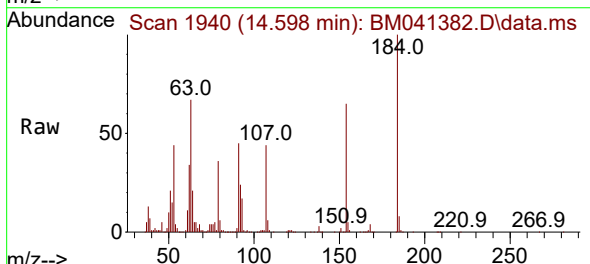
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

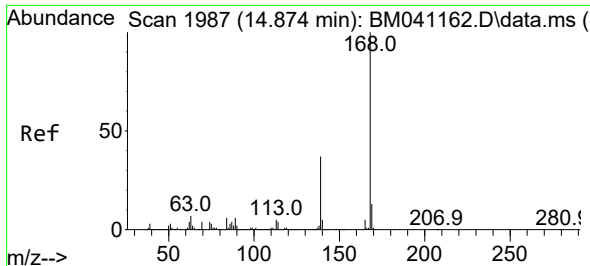
Tgt Ion:138 Resp: 260571
Ion Ratio Lower Upper
138 100
108 10.0 7.6 11.4
92 120.6 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 106.331 ng
RT: 14.598 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:184 Resp: 432103
Ion Ratio Lower Upper
184 100
63 67.4 66.5 99.7
154 64.7 52.8 79.2

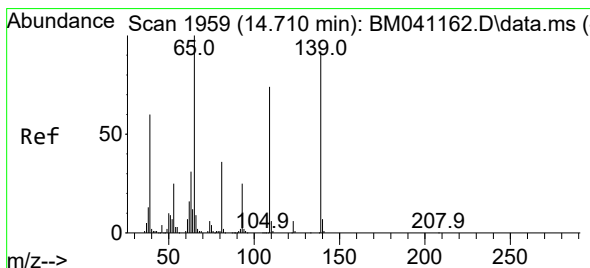
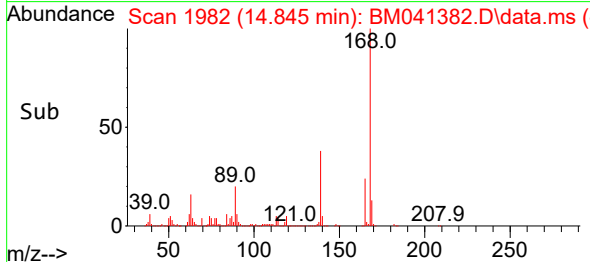
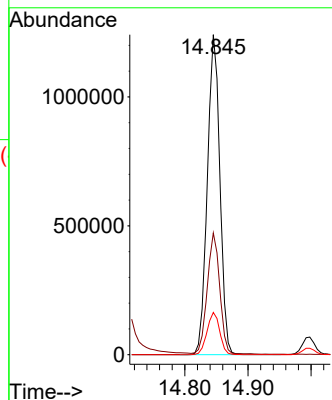
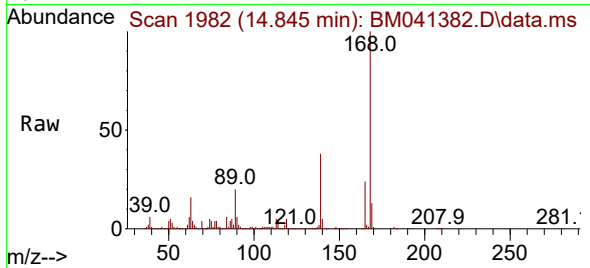




#55
Dibenzenofuran
Concen: 47.068 ng
RT: 14.845 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

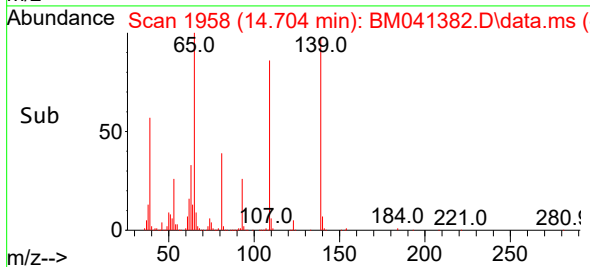
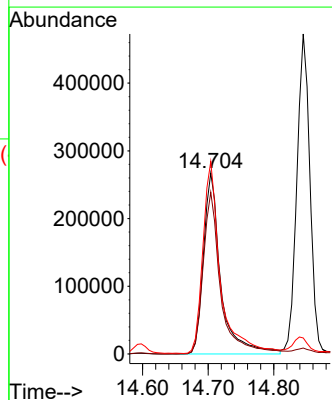
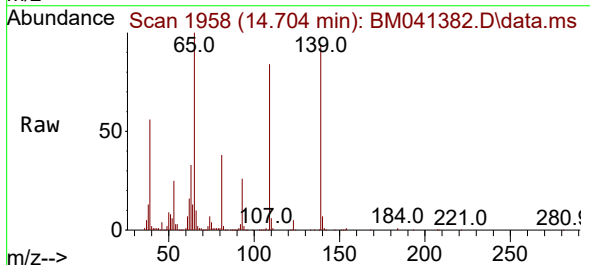
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

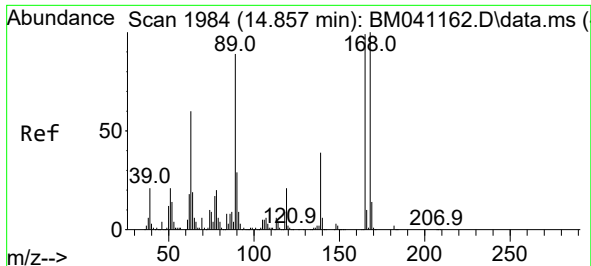
Tgt Ion:168 Resp: 1711787
Ion Ratio Lower Upper
168 100
139 38.1 29.8 44.6
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 100.592 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:139 Resp: 494855
Ion Ratio Lower Upper
139 100
109 89.3 61.2 101.2
65 106.3 89.5 129.5





#57

2,4-Dinitrotoluene

Concen: 52.388 ng

RT: 14.839 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BM041382.D

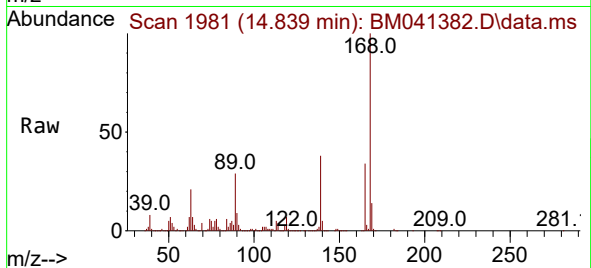
Acq: 11 Aug 2023 11:53

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)MSD



Tgt Ion:165 Resp: 443775

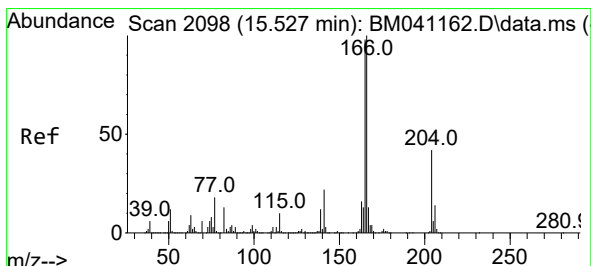
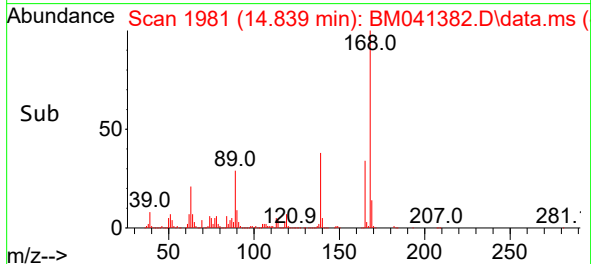
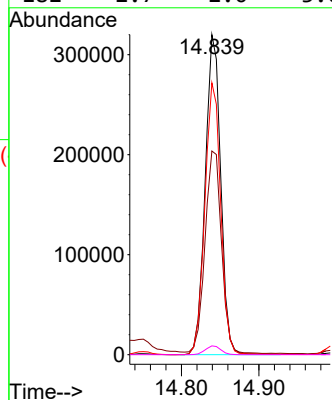
Ion Ratio Lower Upper

165 100

63 63.7 48.3 72.5

89 85.0 71.8 107.8

182 2.7 2.0 3.0



#58

Fluorene

Concen: 49.018 ng

RT: 15.498 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

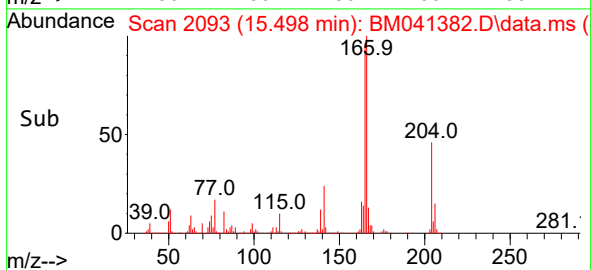
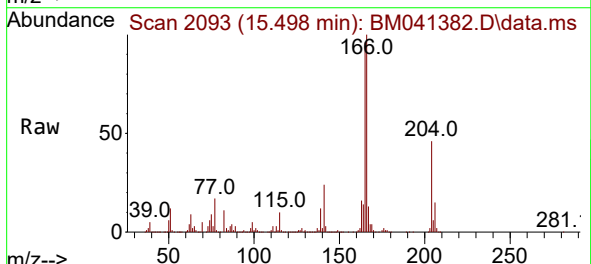
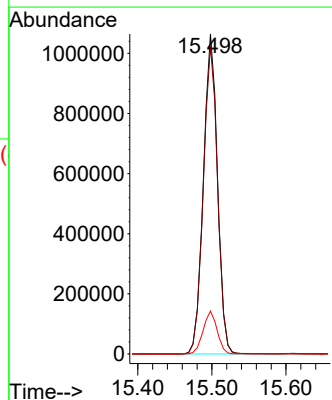
Tgt Ion:166 Resp: 1406384

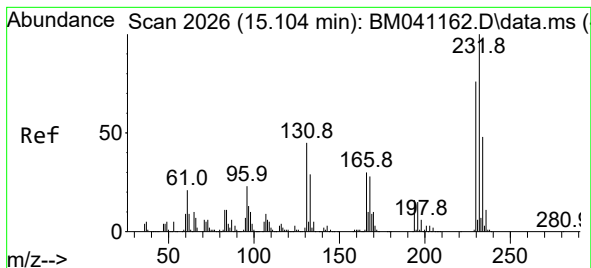
Ion Ratio Lower Upper

166 100

165 96.3 78.2 117.4

167 13.4 10.6 16.0

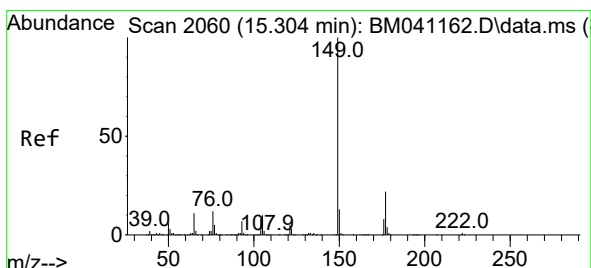
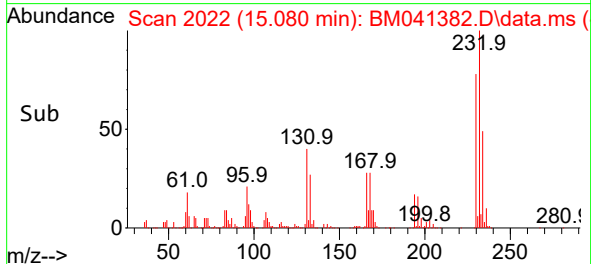
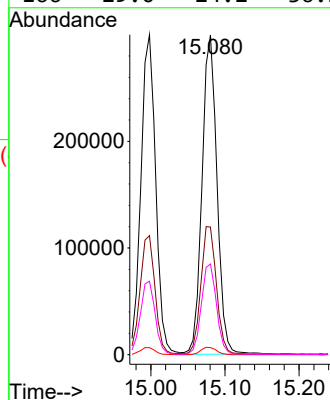
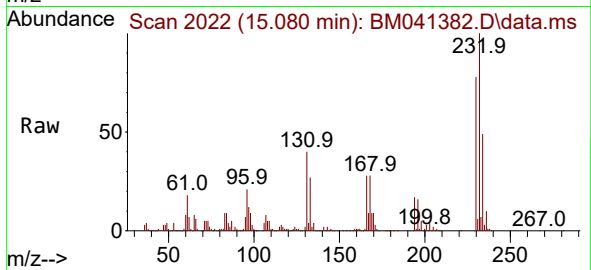




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.920 ng
RT: 15.080 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

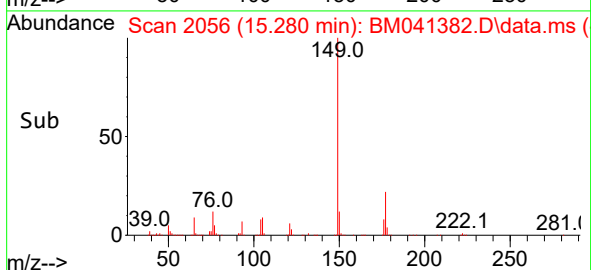
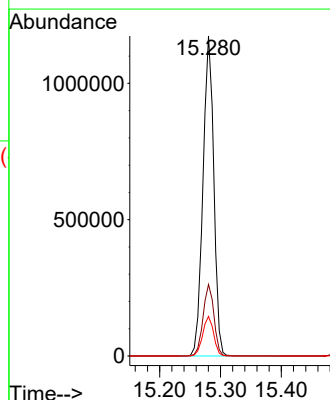
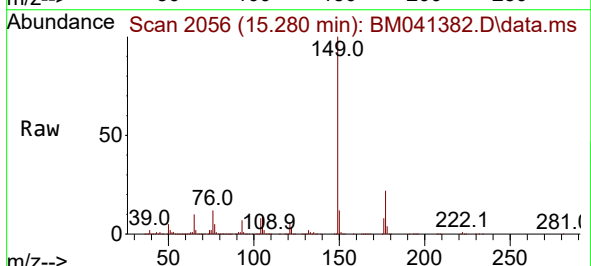
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

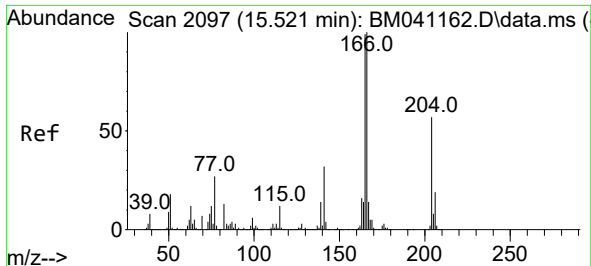
Tgt Ion:232 Resp: 420485
Ion Ratio Lower Upper
232 100
131 41.7 36.9 55.3
130 2.4 2.0 3.0
166 29.0 24.2 36.2



#60
Diethylphthalate
Concen: 52.670 ng
RT: 15.280 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:149 Resp: 1451012
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.3 10.1 15.1

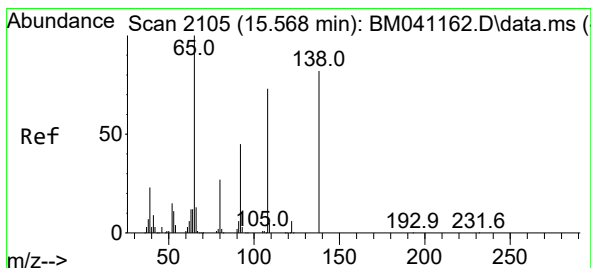
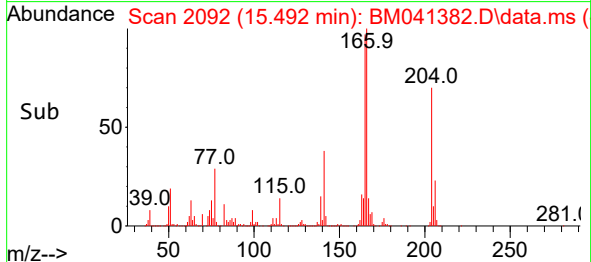
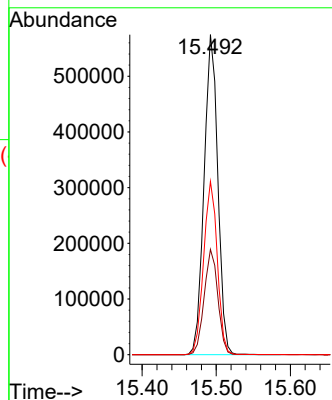
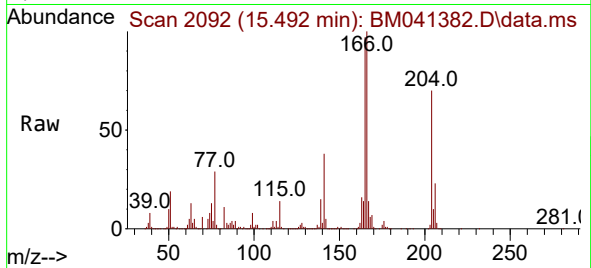




#61
4-Chlorophenyl-phenylether
Concen: 51.541 ng
RT: 15.492 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

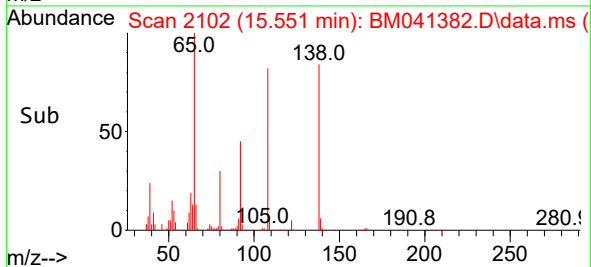
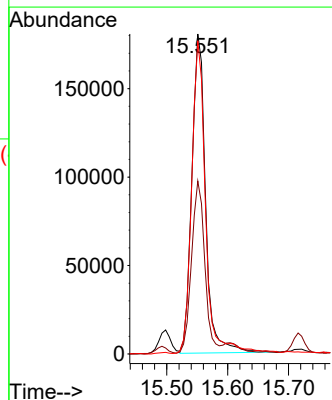
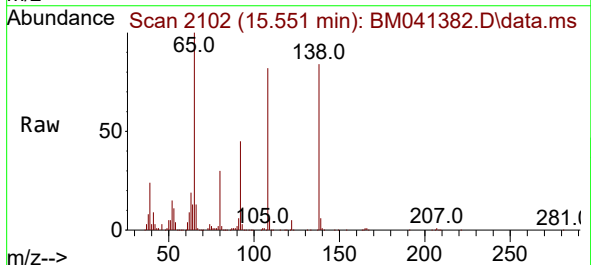
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

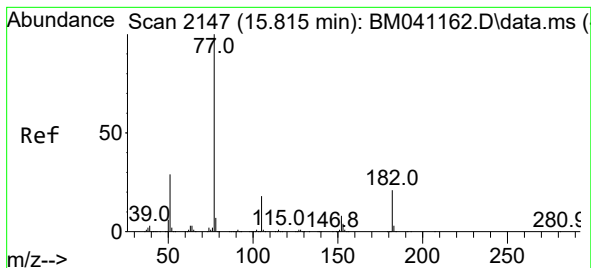
Tgt Ion:204 Resp: 741022
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 54.2 44.8 67.2



#62
4-Nitroaniline
Concen: 45.276 ng
RT: 15.551 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:138 Resp: 283418
Ion Ratio Lower Upper
138 100
92 54.0 35.1 75.1
108 97.9 67.8 107.8

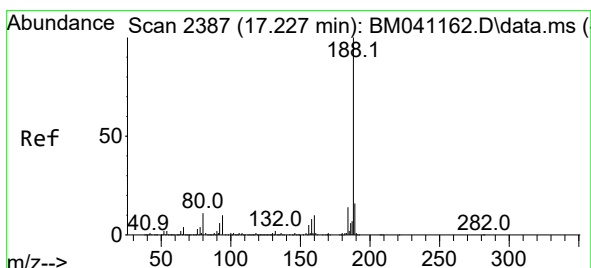
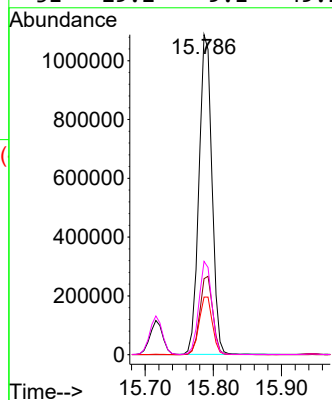
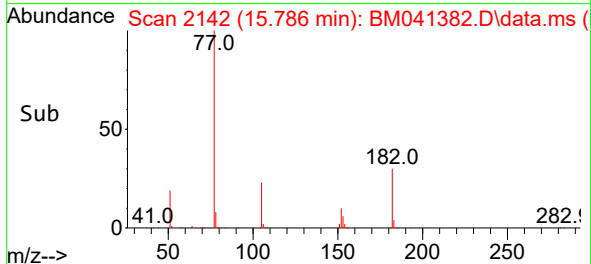
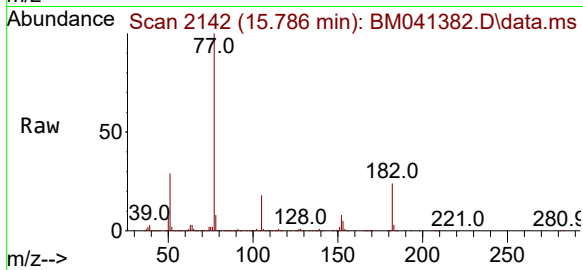




#63
Azobenzene
Concen: 47.588 ng
RT: 15.786 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

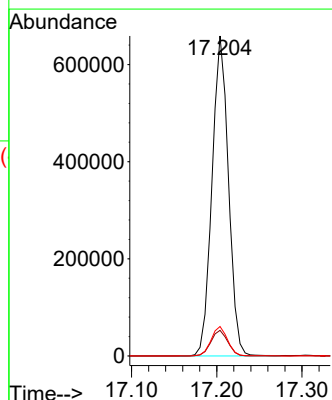
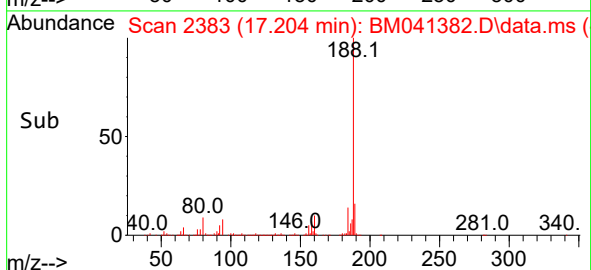
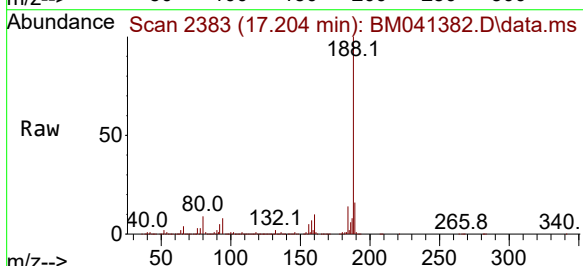
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

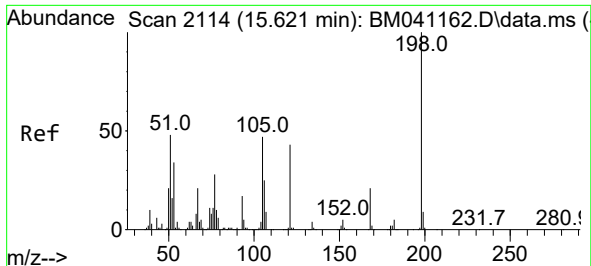
Tgt Ion: 77 Resp: 1436061
Ion Ratio Lower Upper
77 100
182 23.8 1.3 41.3
105 18.0 0.0 38.5
51 29.2 9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:188 Resp: 882497
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 9.2 8.6 13.0

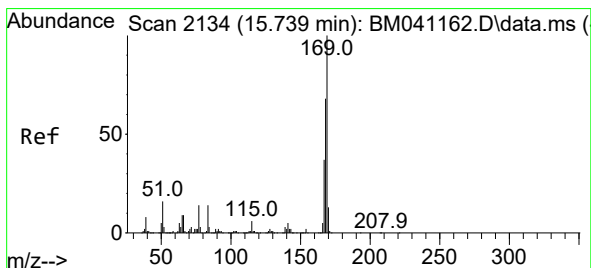
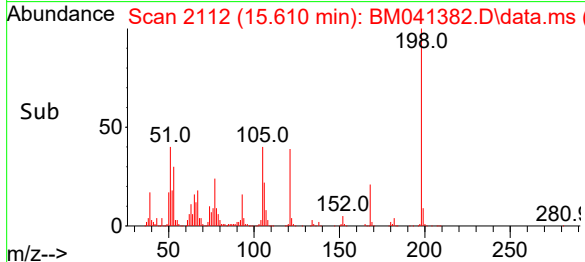
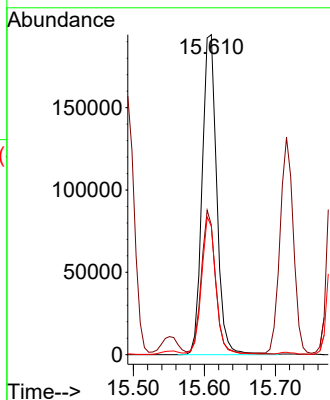
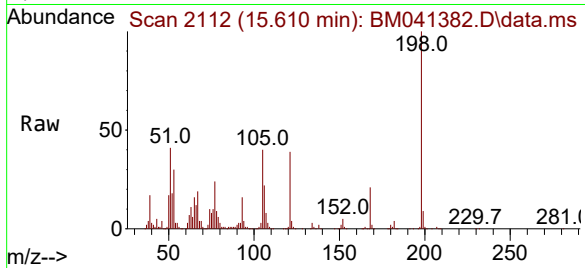




#65
4,6-Dinitro-2-methylphenol
Concen: 52.122 ng
RT: 15.610 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

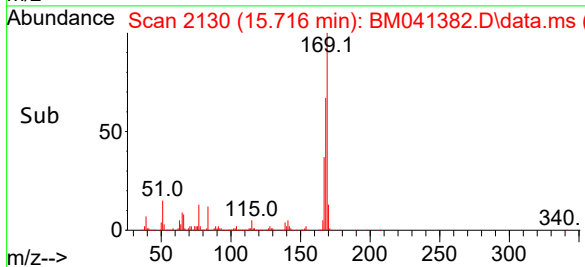
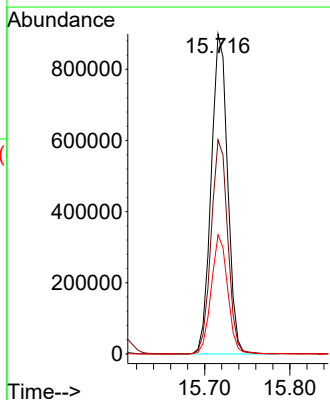
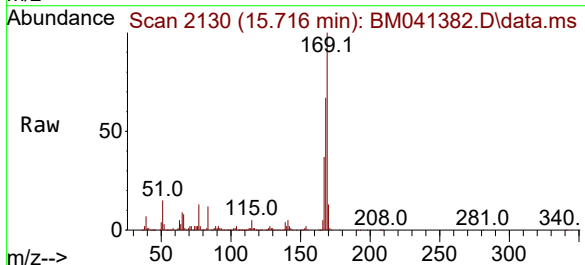
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

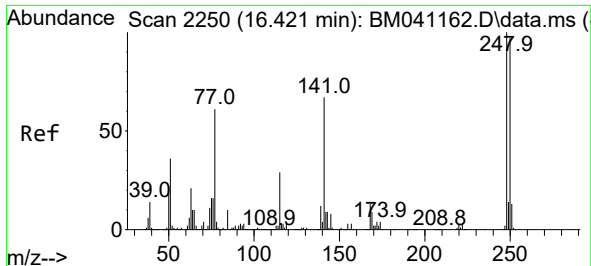
Tgt Ion:198 Resp: 278653
Ion Ratio Lower Upper
198 100
51 40.5 31.7 71.7
105 40.1 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 43.920 ng
RT: 15.716 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:169 Resp: 1205453
Ion Ratio Lower Upper
169 100
168 66.9 54.6 81.8
167 37.2 29.9 44.9

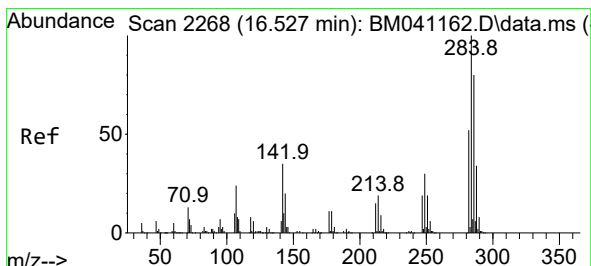
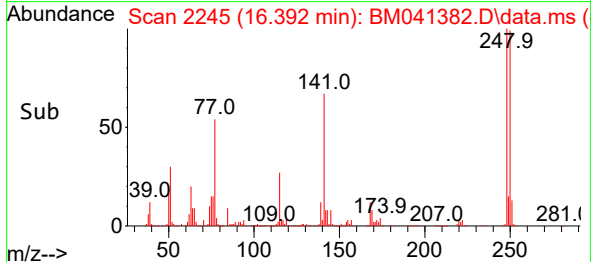
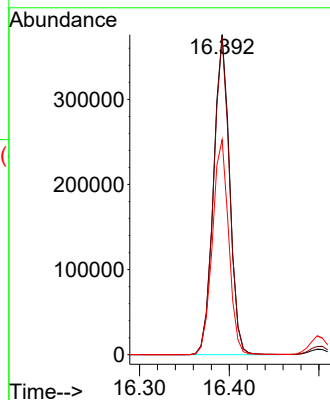
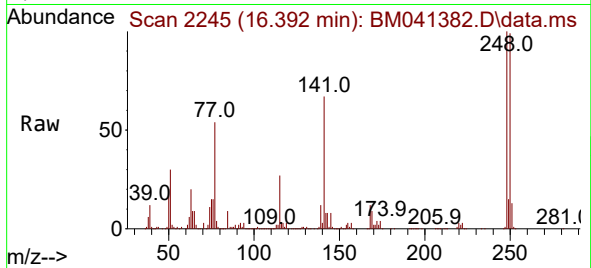




#67
4-Bromophenyl-phenylether
Concen: 48.311 ng
RT: 16.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

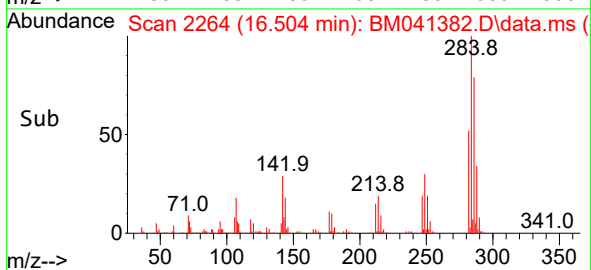
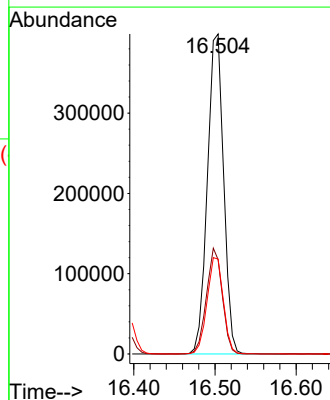
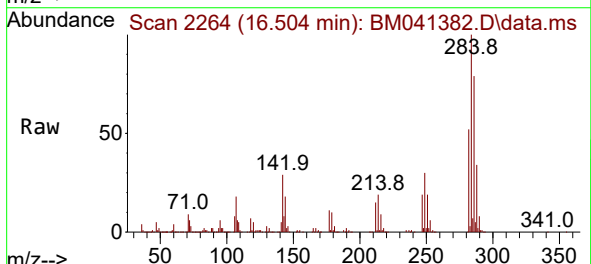
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

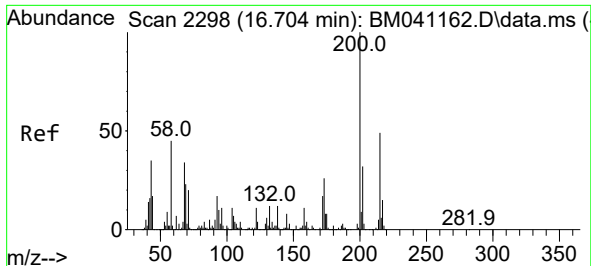
Tgt Ion:248 Resp: 467449
Ion Ratio Lower Upper
248 100
250 99.2 78.0 117.0
141 67.2 53.8 80.8



#68
Hexachlorobenzene
Concen: 51.335 ng
RT: 16.504 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:284 Resp: 552322
Ion Ratio Lower Upper
284 100
142 29.5 28.0 42.0
249 29.6 23.7 35.5

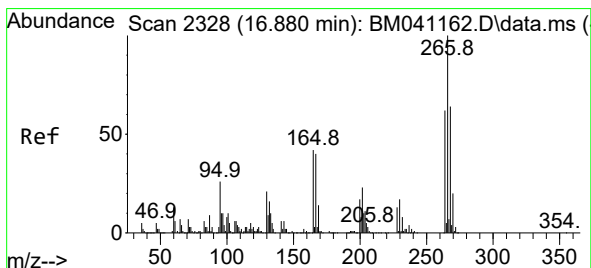
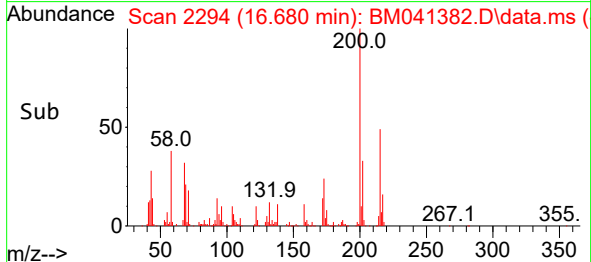
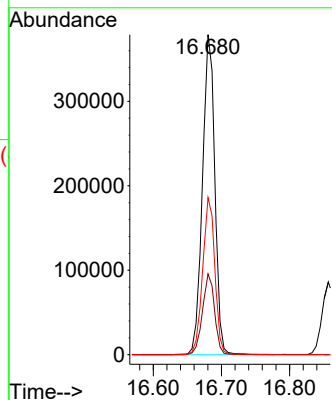
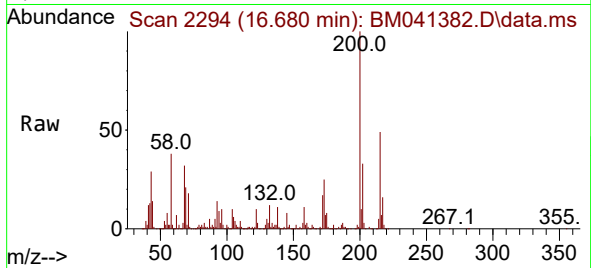




#69
 Atrazine
 Concen: 66.400 ng
 RT: 16.680 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041382.D
 Acq: 11 Aug 2023 11:53

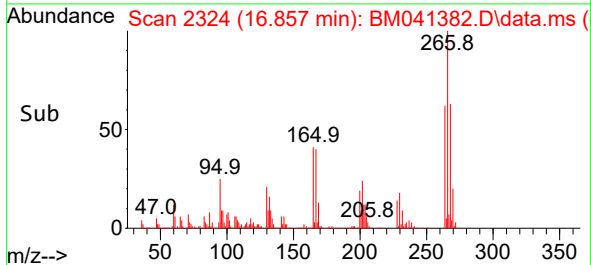
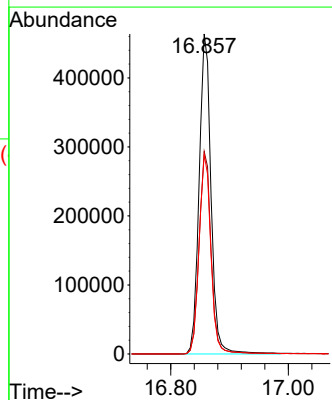
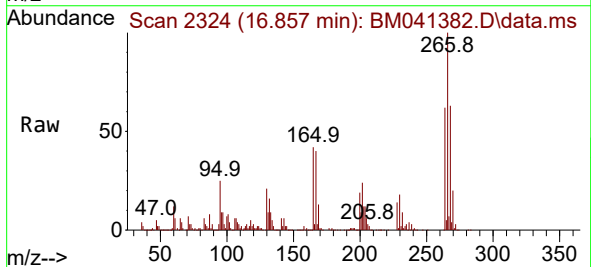
Instrument :
 BNA_M
 ClientSampleId :
 BUILDING-B-11-(10-15)MSD

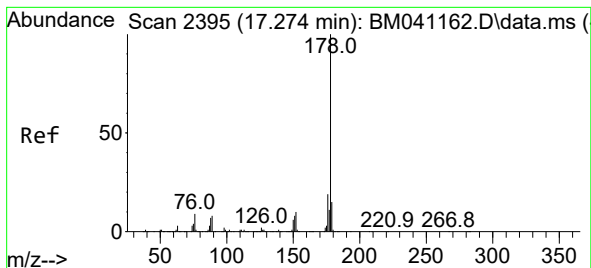
Tgt Ion:200 Resp: 478594
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.6 45.6
 215 49.1 28.5 68.5



#70
 Pentachlorophenol
 Concen: 87.240 ng
 RT: 16.857 min Scan# 2324
 Delta R.T. -0.006 min
 Lab File: BM041382.D
 Acq: 11 Aug 2023 11:53

Tgt Ion:266 Resp: 649962
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.0 76.6
 264 62.3 49.4 74.2





#71

Phenanthrene

Concen: 45.597 ng

RT: 17.251 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)MSD

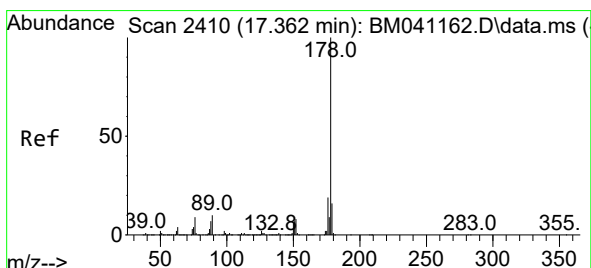
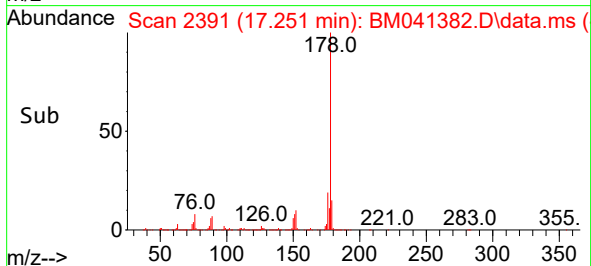
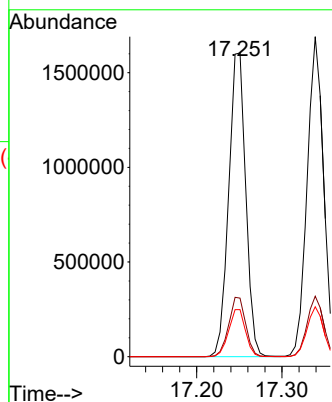
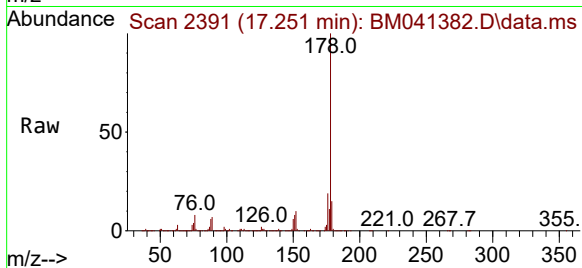
Tgt Ion:178 Resp: 2235707

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.5 12.1 18.1



#72

Anthracene

Concen: 46.858 ng

RT: 17.339 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

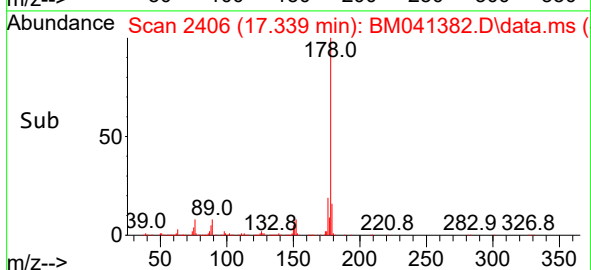
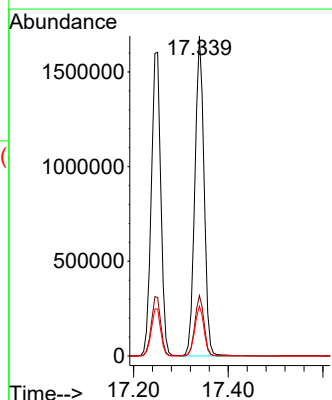
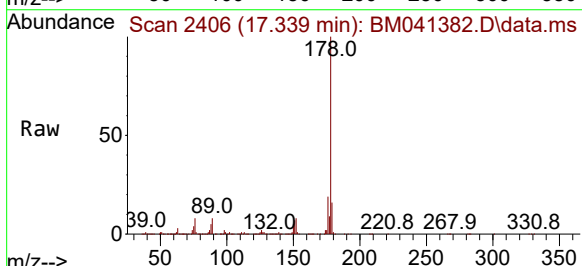
Tgt Ion:178 Resp: 2272332

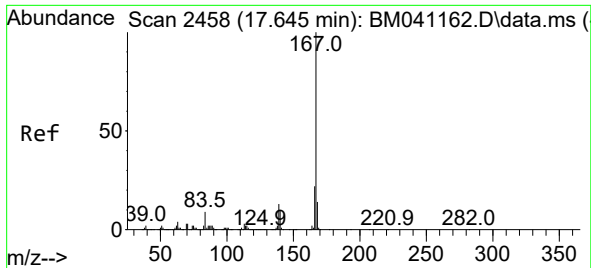
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.6 12.4 18.6

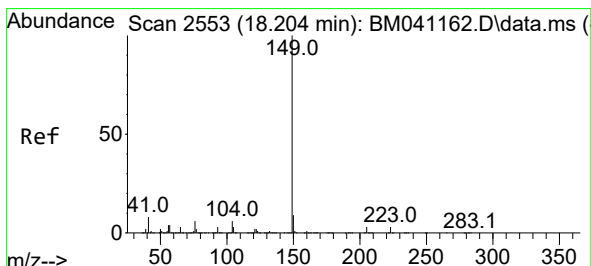
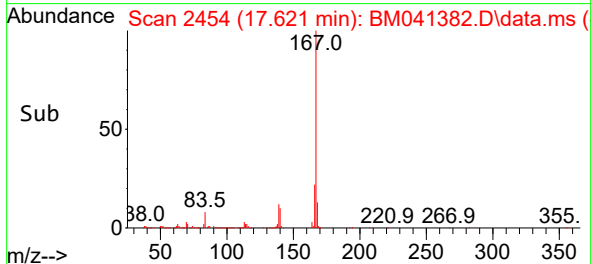
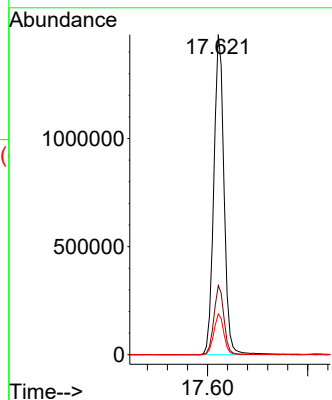
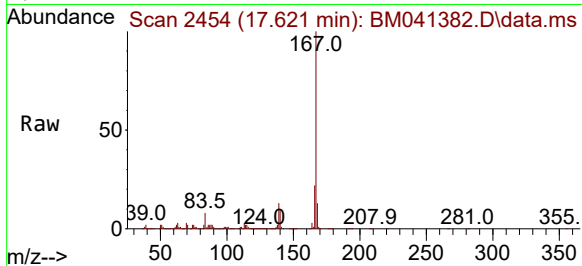




#73
 Carbazole
 Concen: 47.508 ng
 RT: 17.621 min Scan# 2458
 Delta R.T. -0.006 min
 Lab File: BM041382.D
 Acq: 11 Aug 2023 11:53

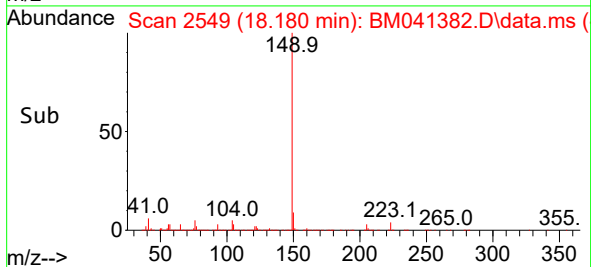
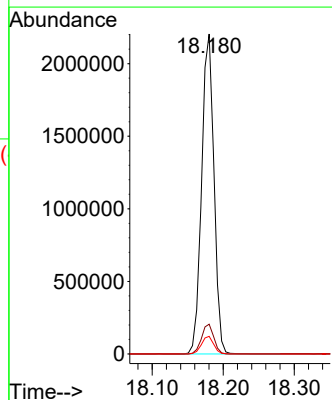
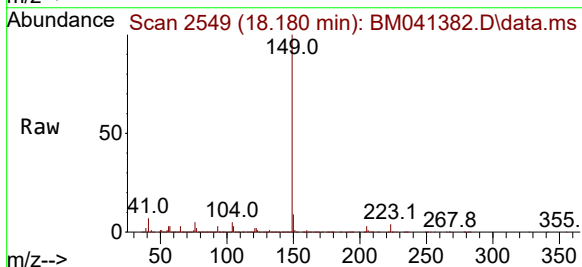
Instrument :
 BNA_M
 ClientSampleId :
 BUILDING-B-11-(10-15)MSD

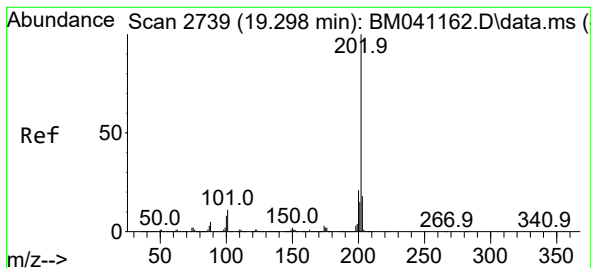
Tgt Ion:167 Resp: 2085218
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.8 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 53.785 ng
 RT: 18.180 min Scan# 2549
 Delta R.T. 0.000 min
 Lab File: BM041382.D
 Acq: 11 Aug 2023 11:53

Tgt Ion:149 Resp: 2667606
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 51.282 ng

RT: 19.274 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)MSD

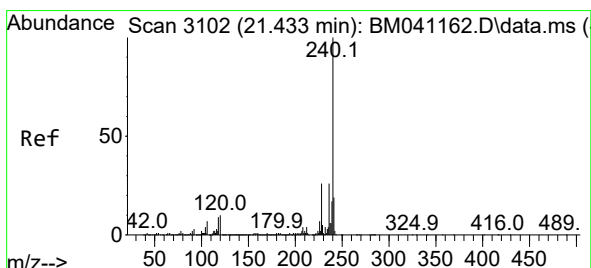
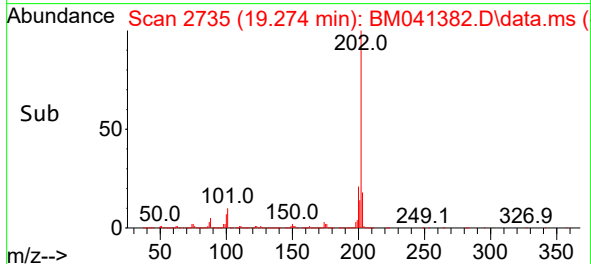
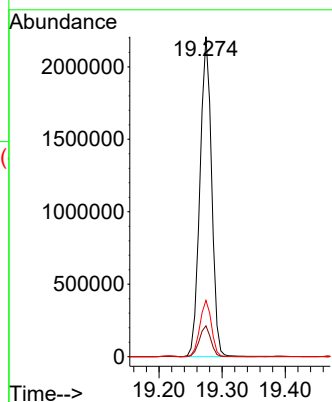
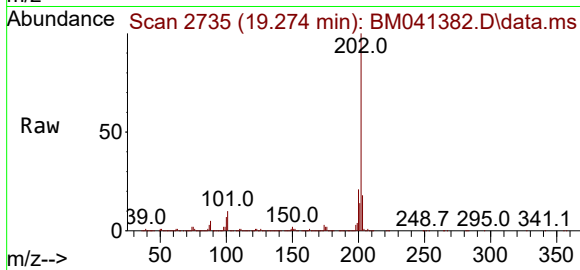
Tgt Ion:202 Resp: 2824967

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.8

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

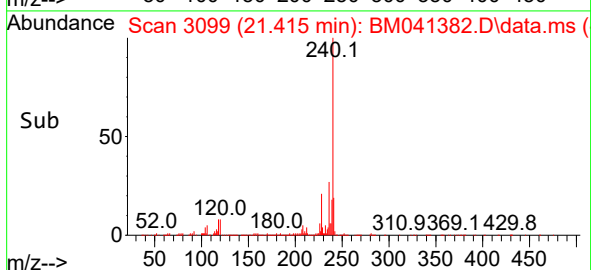
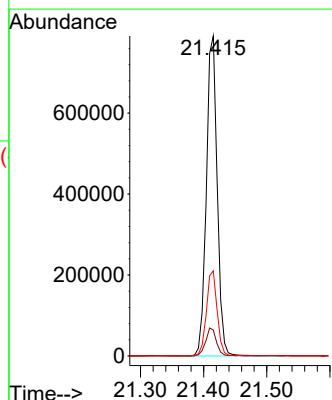
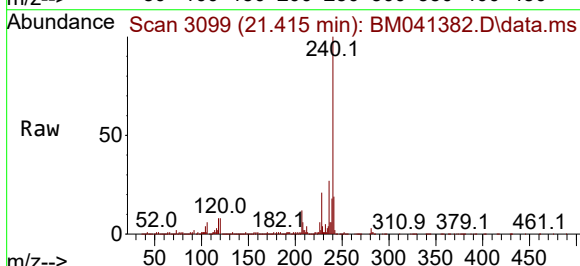
Tgt Ion:240 Resp: 945526

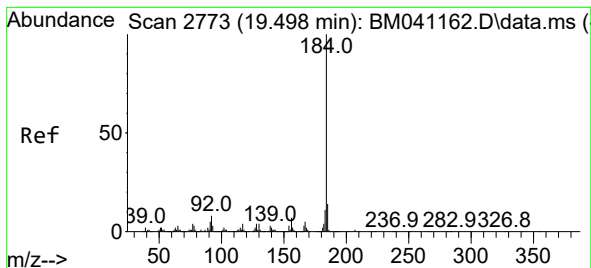
Ion Ratio Lower Upper

240 100

120 8.1 8.3 12.5#

236 26.6 20.6 30.8





#77

Benzidine

Concen: 89.506 ng

RT: 19.474 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)MSD

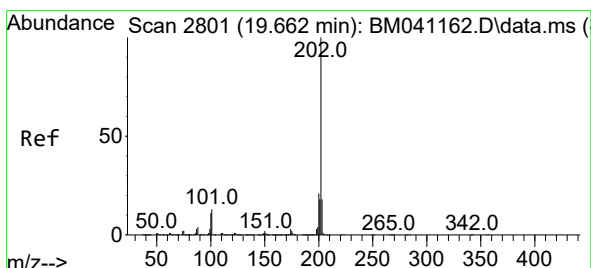
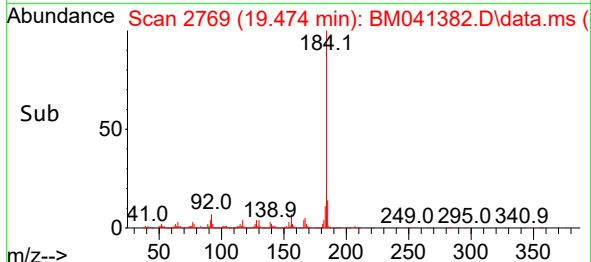
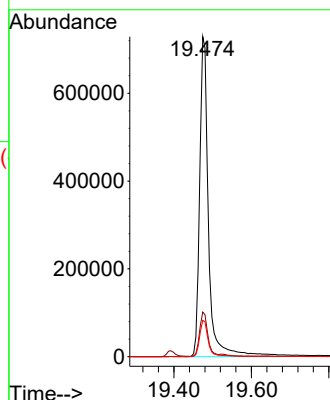
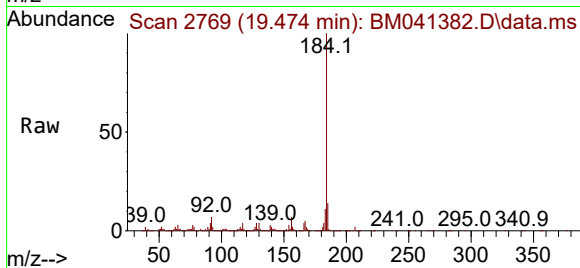
Tgt Ion:184 Resp: 1153499

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.0

183 11.3 9.2 13.8



#78

Pyrene

Concen: 44.880 ng

RT: 19.639 min Scan# 2797

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

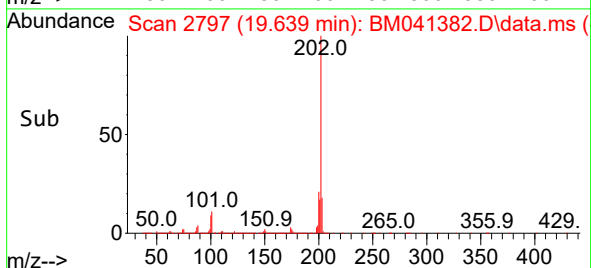
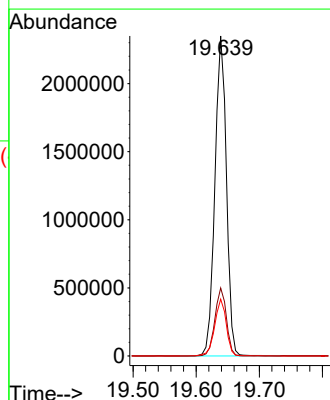
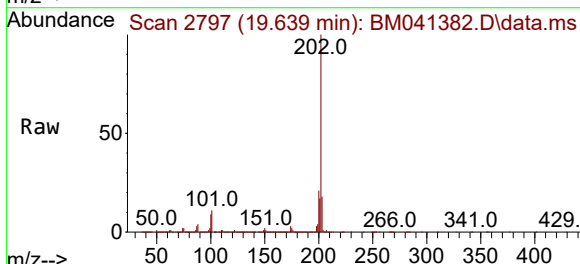
Tgt Ion:202 Resp: 2967557

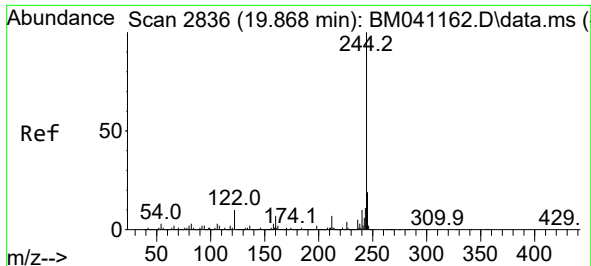
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.7 14.1 21.1

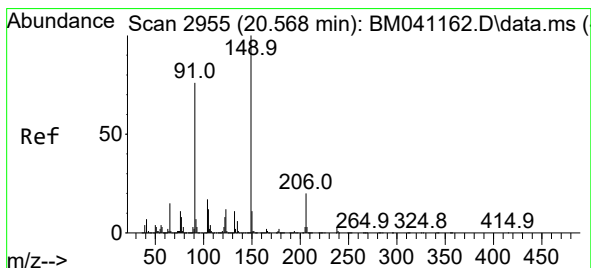
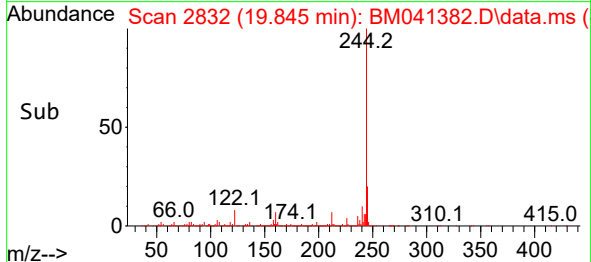
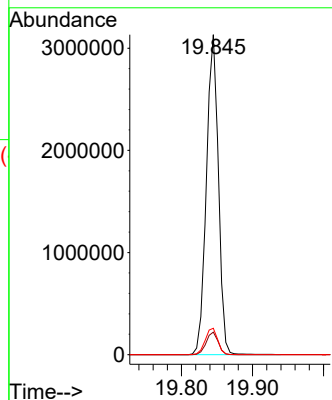
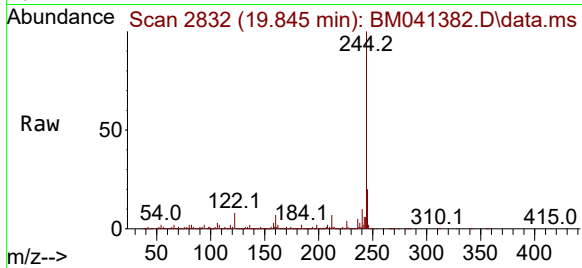




#79
 Terphenyl-d14
 Concen: 70.433 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041382.D
 Acq: 11 Aug 2023 11:53

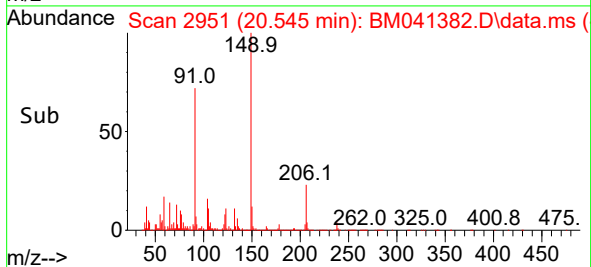
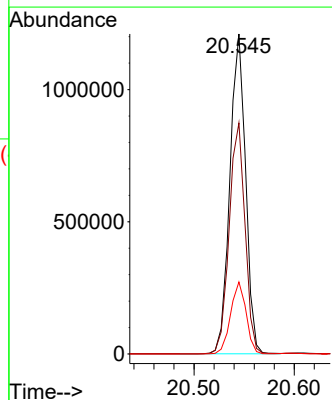
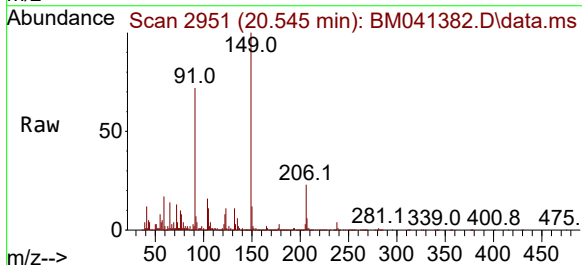
Instrument :
 BNA_M
 ClientSampleId :
 BUILDING-B-11-(10-15)MSD

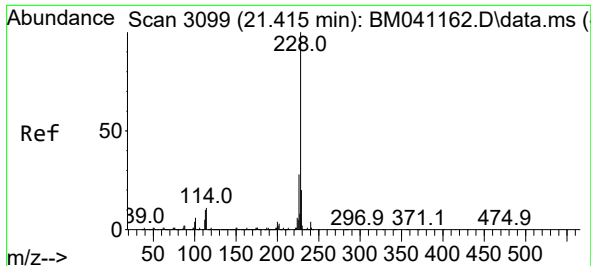
Tgt Ion:244 Resp: 3683294
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 8.3 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 54.480 ng
 RT: 20.545 min Scan# 2951
 Delta R.T. -0.006 min
 Lab File: BM041382.D
 Acq: 11 Aug 2023 11:53

Tgt Ion:149 Resp: 1315515
 Ion Ratio Lower Upper
 149 100
 91 72.2 60.8 91.2
 206 22.5 16.4 24.6

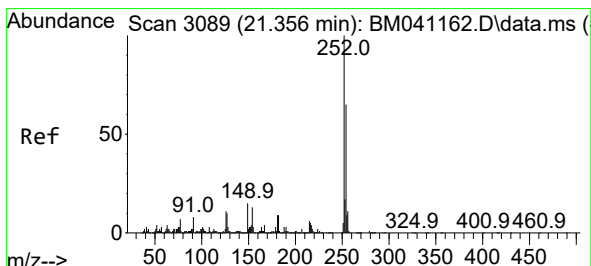
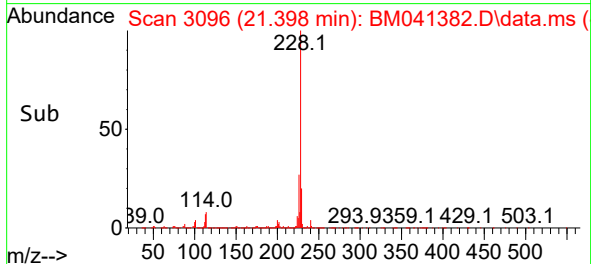
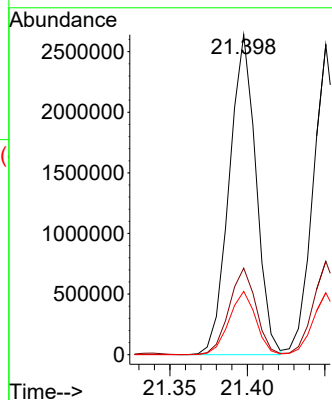
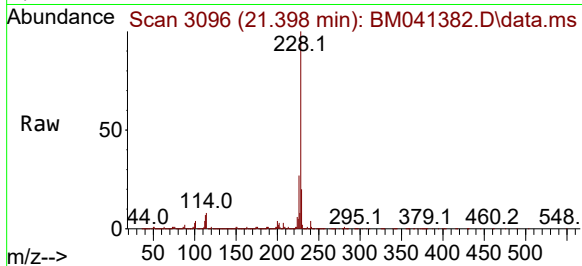




#81
Benzo(a)anthracene
Concen: 49.332 ng
RT: 21.398 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

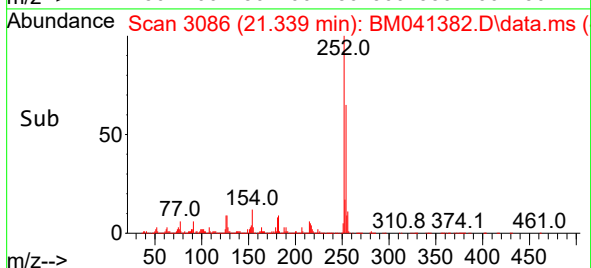
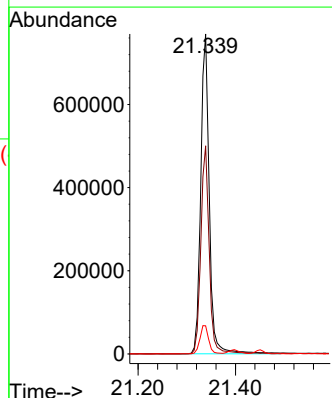
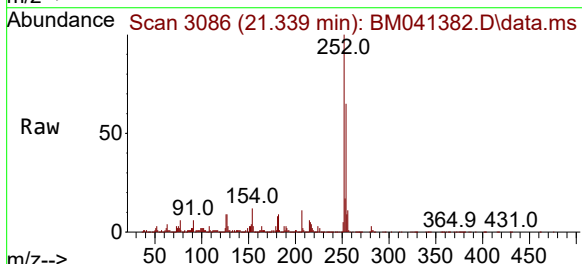
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

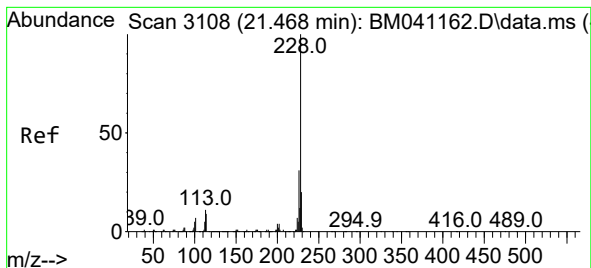
Tgt Ion:228 Resp: 3162164
Ion Ratio Lower Upper
228 100
226 27.1 22.4 33.6
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 45.267 ng
RT: 21.339 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BM041382.D
Acq: 11 Aug 2023 11:53

Tgt Ion:252 Resp: 946806
Ion Ratio Lower Upper
252 100
254 65.1 51.8 77.6
126 8.8 8.6 13.0





#83

Chrysene

Concen: 47.246 ng

RT: 21.451 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)MSD

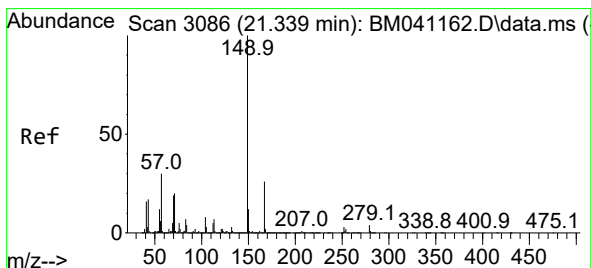
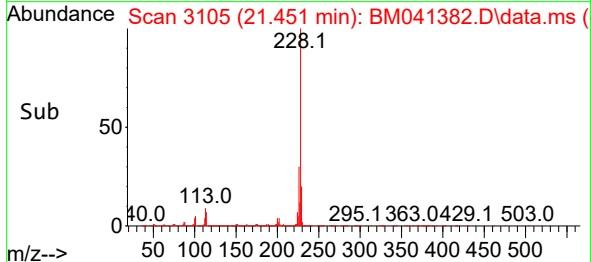
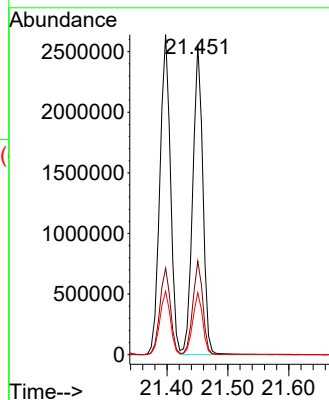
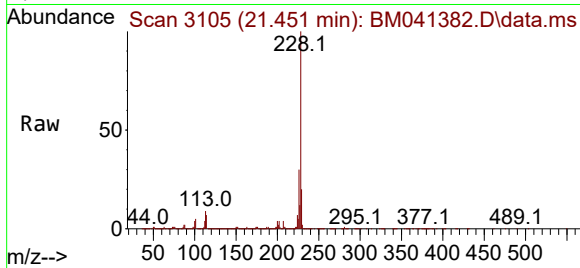
Tgt Ion:228 Resp: 2929213

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.280 ng

RT: 21.315 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

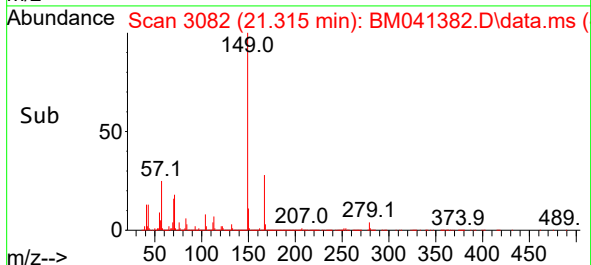
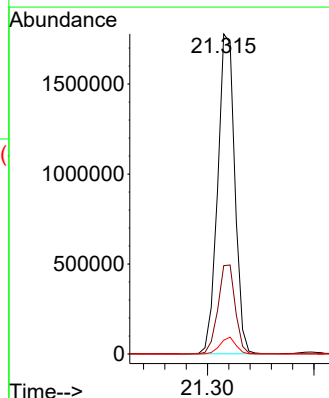
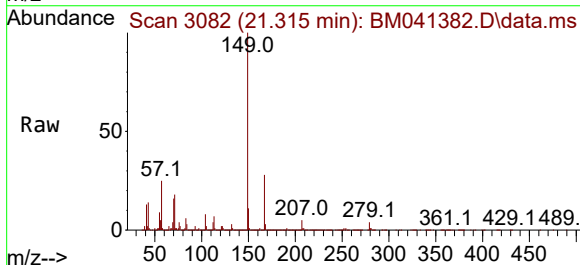
Tgt Ion:149 Resp: 1973433

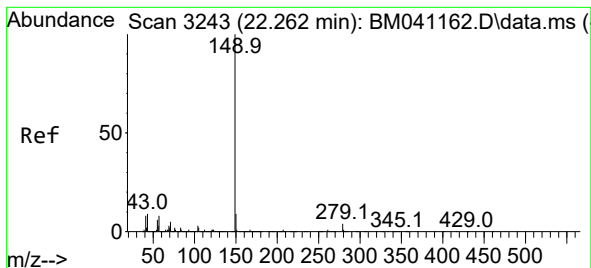
Ion Ratio Lower Upper

149 100

167 27.6 21.0 31.6

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 57.720 ng

RT: 22.233 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)MSD

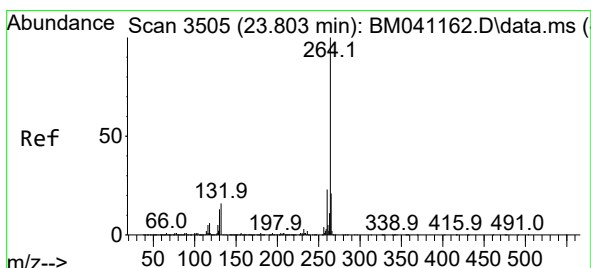
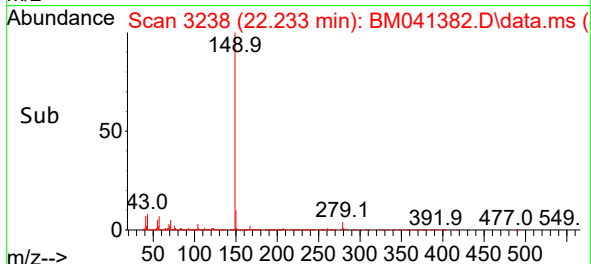
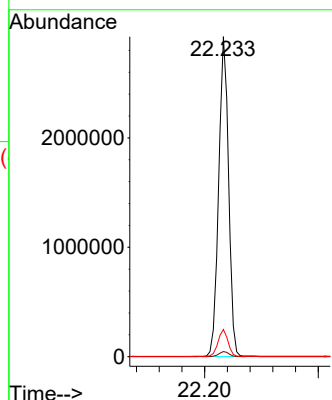
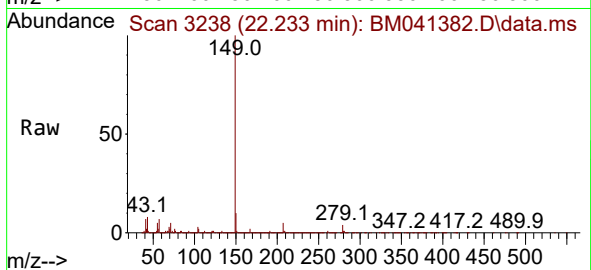
Tgt Ion:149 Resp: 3522432

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.4 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3500

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

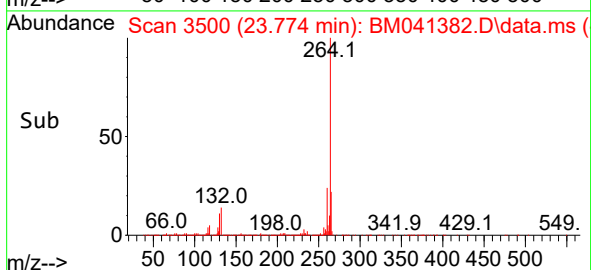
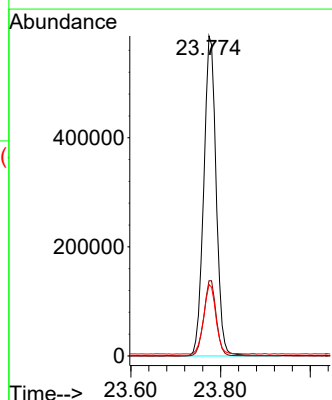
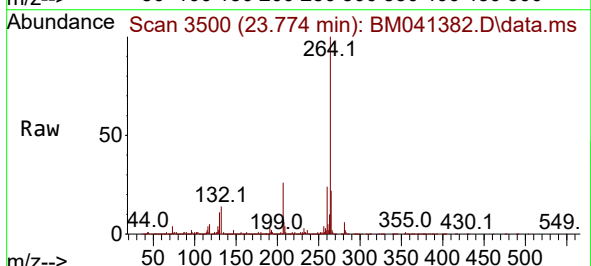
Tgt Ion:264 Resp: 1124341

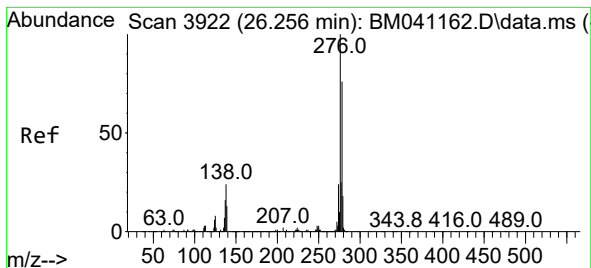
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 22.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.952 ng

RT: 26.227 min Scan# 3917

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)MSD

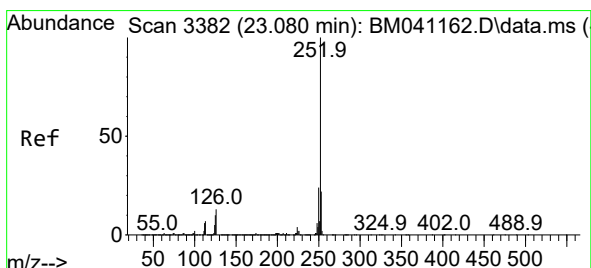
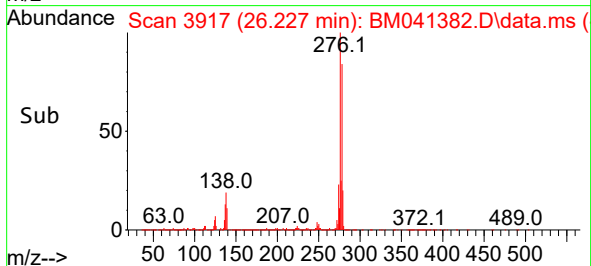
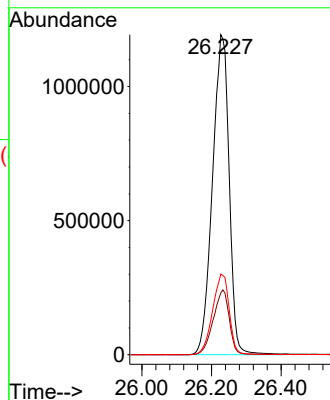
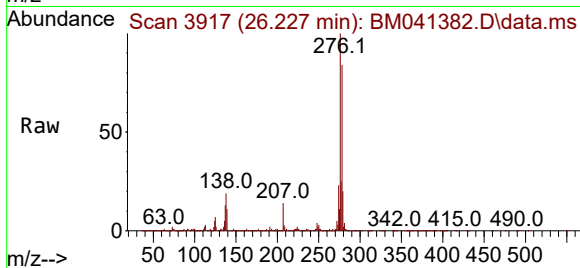
Tgt Ion:276 Resp: 3963885

Ion Ratio Lower Upper

276 100

138 19.6 20.0 30.0#

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 51.148 ng

RT: 23.062 min Scan# 3379

Delta R.T. 0.000 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

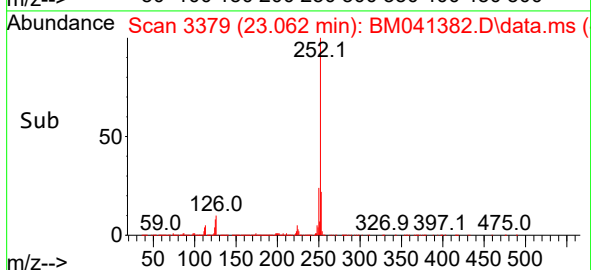
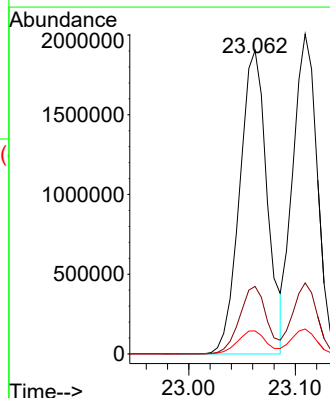
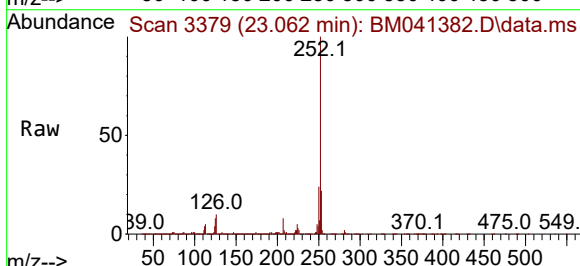
Tgt Ion:252 Resp: 3416292

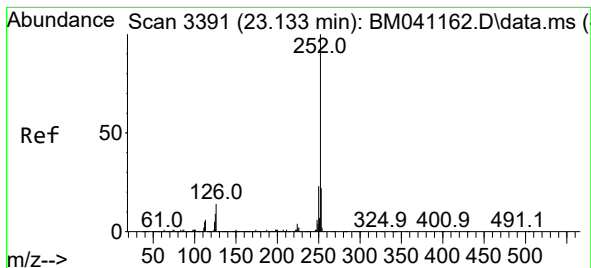
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 7.6 8.2 12.4#





#89

Benzo(k)fluoranthene

Concen: 46.941 ng

RT: 23.109 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)MSD

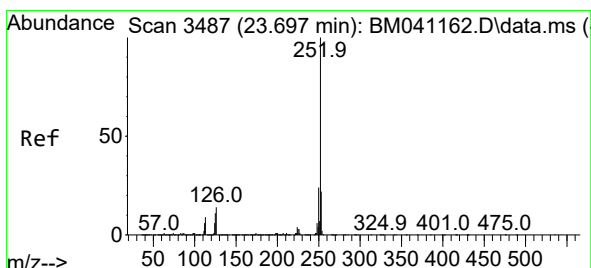
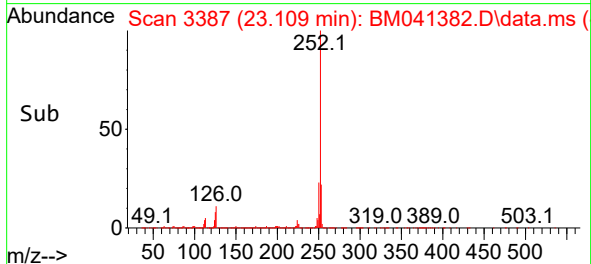
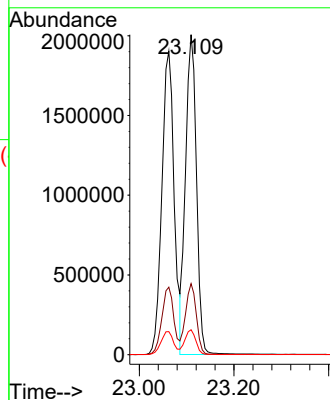
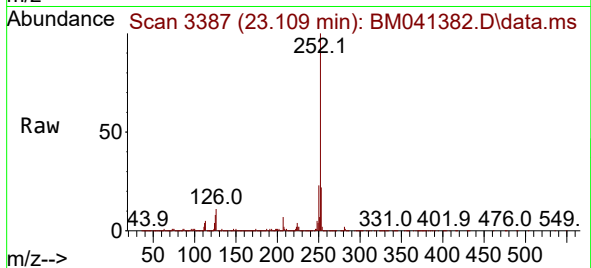
Tgt Ion:252 Resp: 3207145

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 7.8 7.6 11.4



#90

Benzo(a)pyrene

Concen: 46.560 ng

RT: 23.674 min Scan# 3483

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

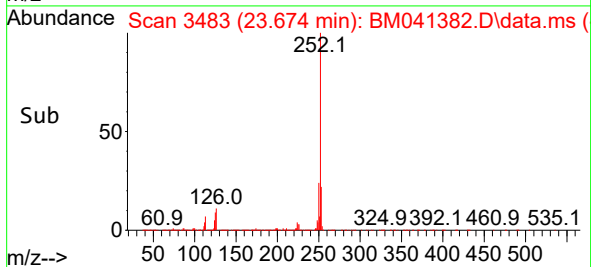
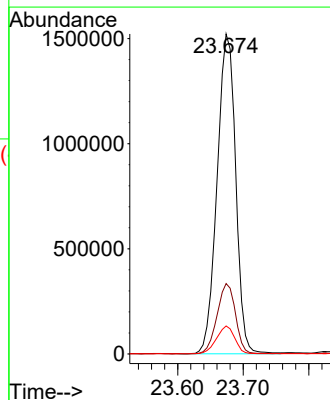
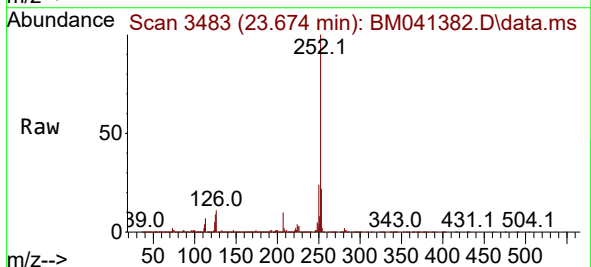
Tgt Ion:252 Resp: 2988165

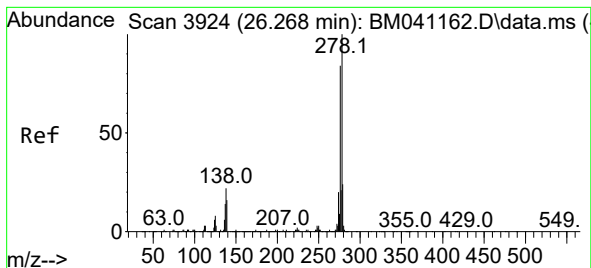
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 8.8 9.0 13.4#





#91

Dibenzo(a,h)anthracene

Concen: 48.641 ng

RT: 26.238 min Scan# 3919

Delta R.T. -0.006 min

Lab File: BM041382.D

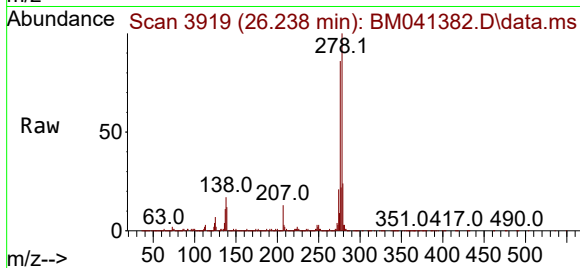
Acq: 11 Aug 2023 11:53

Instrument :

BNA_M

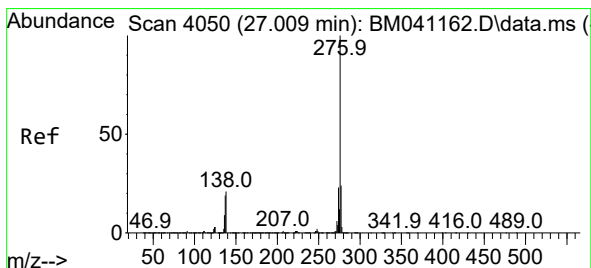
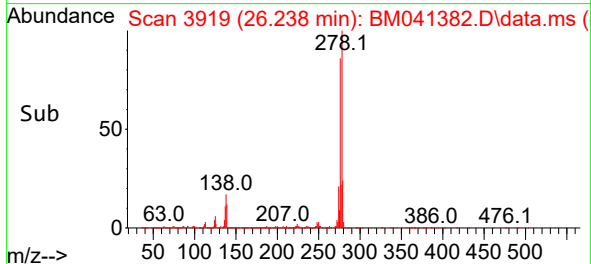
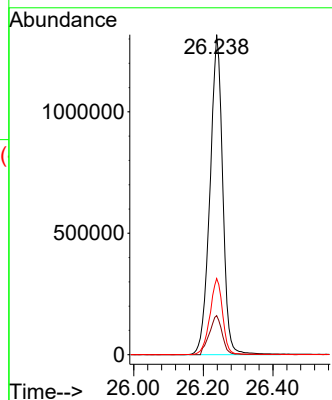
ClientSampleId :

BUILDING-B-11-(10-15)MSD



Tgt Ion:278 Resp: 3353700

Ion	Ratio	Lower	Upper
278	100		
139	12.2	12.7	19.1#
279	23.8	19.1	28.7



#92

Benzo(g,h,i)perylene

Concen: 45.116 ng

RT: 26.980 min Scan# 4045

Delta R.T. -0.006 min

Lab File: BM041382.D

Acq: 11 Aug 2023 11:53

Tgt Ion:276 Resp: 3043744

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	16.3	17.1	25.7#

