

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039987.D
 Acq On : 24 May 2023 16:59
 Operator : CG/JU
 Sample : 02888-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MID2-44(10-11)MS

Quant Time: May 24 19:02:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 01:06:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	375460	20.000	ng	0.00
21) Naphthalene-d8	10.834	136	1412308	20.000	ng	0.00
39) Acenaphthene-d10	14.657	164	685440	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	1232260	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1294617	20.000	ng	0.00
86) Perylene-d12	24.027	264	1327482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	2100792	85.828	ng	0.00
7) Phenol-d6	7.175	99	2432916	76.196	ng	0.00
23) Nitrobenzene-d5	9.187	82	1363076	52.079	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	788168	88.593	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	3029784	52.136	ng	0.00
79) Terphenyl-d14	20.015	244	4290039	51.453	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	423187	42.811	ng	97
3) Pyridine	3.828	79	1092029	40.238	ng	98
4) n-Nitrosodimethylamine	3.740	42	474846	41.184	ng	97
6) Aniline	7.340	93	1482836	37.532	ng	97
8) 2-Chlorophenol	7.575	128	1174457	45.584	ng	96
9) Benzaldehyde	7.146	77	665264	43.101	ng	97
10) Phenol	7.199	94	1388898	43.395	ng	97
11) bis(2-Chloroethyl)ether	7.434	93	1107542	42.013	ng	98
12) 1,3-Dichlorobenzene	7.904	146	1325537	48.583	ng	98
13) 1,4-Dichlorobenzene	8.051	146	1348598	48.581	ng	99
14) 1,2-Dichlorobenzene	8.375	146	1270436	46.672	ng	99
15) Benzyl Alcohol	8.257	79	876872	42.604	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.551	45	1341882	39.682	ng	99
17) 2-Methylphenol	8.457	107	908958	39.695	ng	99
18) Hexachloroethane	9.104	117	488756	48.564	ng	97
19) n-Nitroso-di-n-propyla...	8.828	70	736033	39.800	ng	97
20) 3+4-Methylphenols	8.787	107	1182926	39.148	ng	99
22) Acetophenone	8.845	105	1667525	43.744	ng	# 98
24) Nitrobenzene	9.228	77	1129421	42.541	ng	96
25) Isophorone	9.757	82	2020989	42.341	ng	97
26) 2-Nitrophenol	9.939	139	558941	59.497	ng	93
27) 2,4-Dimethylphenol	9.998	122	998395	46.660	ng	99
28) bis(2-Chloroethoxy)met...	10.239	93	1327621	42.425	ng	99
29) 2,4-Dichlorophenol	10.475	162	935254	46.134	ng	98
30) 1,2,4-Trichlorobenzene	10.692	180	1044537	47.064	ng	98
31) Naphthalene	10.886	128	3431092	44.031	ng	100
32) Benzoic acid	10.122	122	650565	45.584	ng	92
33) 4-Chloroaniline	10.992	127	952364	29.003	ng	98
34) Hexachlorobutadiene	11.175	225	572508	45.958	ng	99
35) Caprolactam	11.763	113	266901	46.624	ng	88
36) 4-Chloro-3-methylphenol	12.110	107	900838	42.991	ng	98
37) 2-Methylnaphthalene	12.486	142	2152253	41.437	ng	99
38) 1-Methylnaphthalene	12.704	142	2009119	41.322	ng	97
40) 1,2,4,5-Tetrachloroben...	12.851	216	1025179	47.288	ng	99
41) Hexachlorocyclopentadiene	12.833	237	1385846	123.570	ng	99
43) 2,4,6-Trichlorophenol	13.086	196	638922	48.555	ng	99

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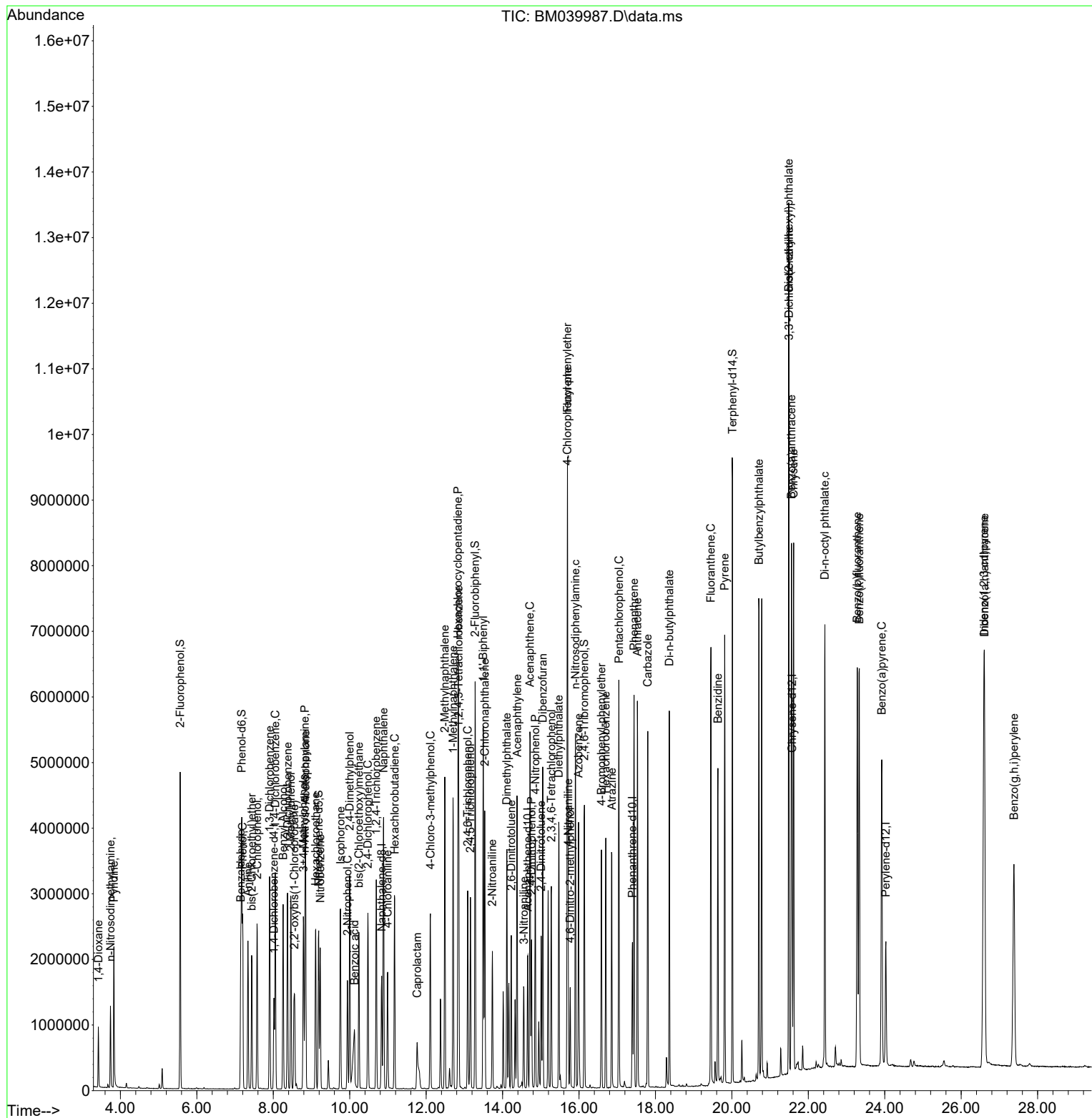
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44) 2,4,5-Trichlorophenol	13.157	196	676264	43.178	ng	98
46) 1,1'-Biphenyl	13.492	154	2731144	46.540	ng	99
47) 2-Chloronaphthalene	13.533	162	2077311	47.422	ng	99
48) 2-Nitroaniline	13.733	65	508286	43.158	ng	92
49) Acenaphthylene	14.380	152	3157058	46.038	ng	100
50) Dimethylphthalate	14.110	163	2260302	43.744	ng	100
51) 2,6-Dinitrotoluene	14.227	165	470948	47.644	ng	92
52) Acenaphthene	14.716	154	1962356	43.796	ng	98
53) 3-Nitroaniline	14.557	138	417781	35.728	ng	94
54) 2,4-Dinitrophenol	14.757	184	432318	78.731	ng	96
55) Dibenzofuran	15.051	168	2962536	44.789	ng	99
56) 4-Nitrophenol	14.857	139	999093	110.453	ng	90
57) 2,4-Dinitrotoluene	15.010	165	633809	44.804	ng	92
58) Fluorene	15.698	166	2452906	44.610	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.274	232	556048	47.740	ng	100
60) Diethylphthalate	15.469	149	2333402	45.687	ng	99
61) 4-Chlorophenyl-phenyle...	15.692	204	1166292	43.354	ng	99
62) 4-Nitroaniline	15.716	138	571831	46.956	ng	93
63) Azobenzene	15.986	77	2268045	44.541	ng	96
65) 4,6-Dinitro-2-methylph...	15.769	198	292249	43.841	ng	93
66) n-Nitrosodiphenylamine	15.904	169	1954121	46.113	ng	99
67) 4-Bromophenyl-phenylether	16.586	248	618184	45.402	ng	97
68) Hexachlorobenzene	16.698	284	736533	47.335	ng	97
69) Atrazine	16.857	200	603964	57.298	ng	99
70) Pentachlorophenol	17.045	266	982843	96.220	ng	99
71) Phenanthrene	17.439	178	3318413	45.022	ng	100
72) Anthracene	17.527	178	3424744	46.896	ng	100
73) Carbazole	17.798	167	3212049	48.683	ng	99
74) Di-n-butylphthalate	18.362	149	3936992	46.775	ng	99
75) Fluoranthene	19.451	202	3480938	47.384	ng	100
77) Benzidine	19.633	184	2457399	122.234	ng	99
78) Pyrene	19.809	202	3724807	39.209	ng	100
80) Butylbenzylphthalate	20.709	149	1831020	46.983	ng	88
81) Benzo(a)anthracene	21.556	228	3912149	42.687	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	1447208	52.862	ng	99
83) Chrysene	21.615	228	3676531	41.810	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	2915763	46.926	ng	98
85) Di-n-octyl phthalate	22.433	149	4711714	49.115	ng	96
87) Indeno(1,2,3-cd)pyrene	26.591	276	4977345	47.149	ng	98
88) Benzo(b)fluoranthene	23.280	252	3990598	46.953	ng	99
89) Benzo(k)fluoranthene	23.333	252	4091035	44.020	ng	98
90) Benzo(a)pyrene	23.921	252	3429250	42.073	ng	99
91) Dibenzo(a,h)anthracene	26.609	278	4266608	46.814	ng	98
92) Benzo(g,h,i)perylene	27.380	276	3744944	46.492	ng	98

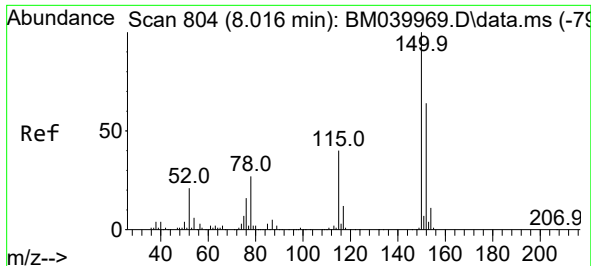
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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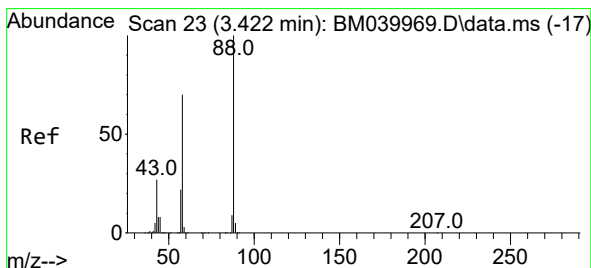
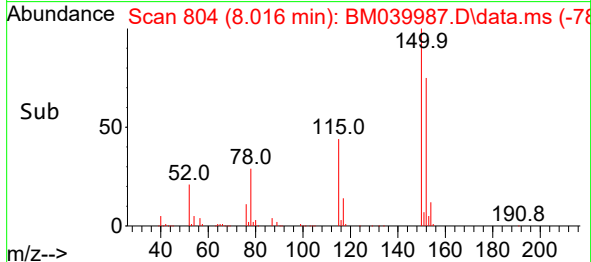
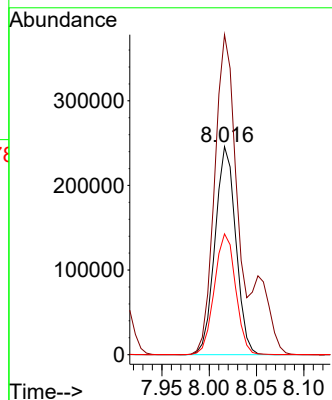
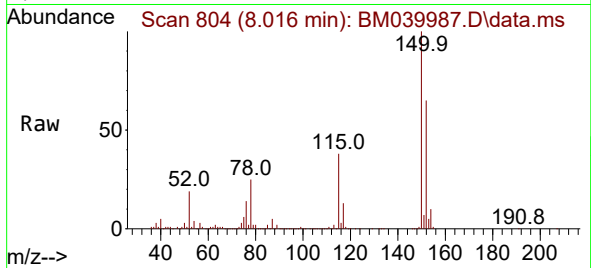




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.016 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BM039987.D
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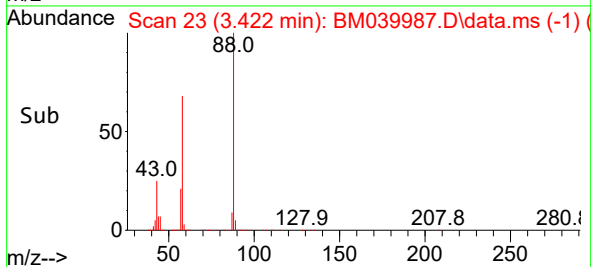
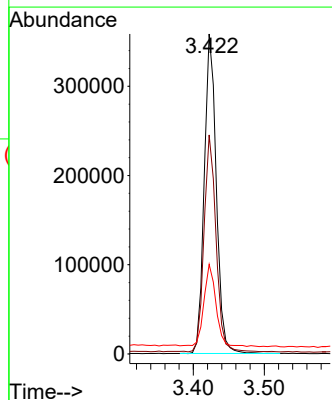
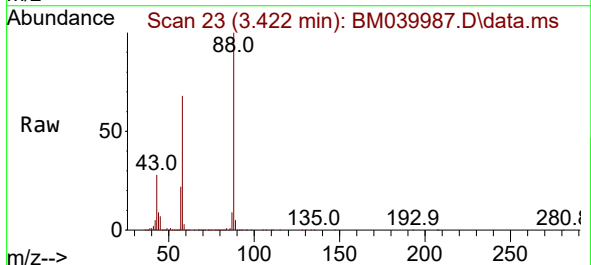
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 MID2-44(10-11)MS

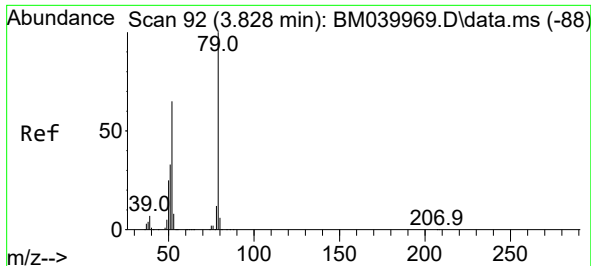
Tgt Ion:152 Resp: 375460
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.5 188.3
 115 58.0 50.2 75.2



#2
 1,4-Dioxane
 Concen: 42.811 ng
 RT: 3.422 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BM039987.D
 Acq: 24 May 2023 16:59

Tgt Ion: 88 Resp: 423187
 Ion Ratio Lower Upper
 88 100
 58 67.4 56.1 84.1
 43 26.2 22.0 33.0

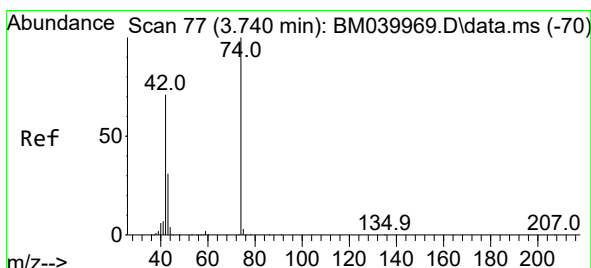
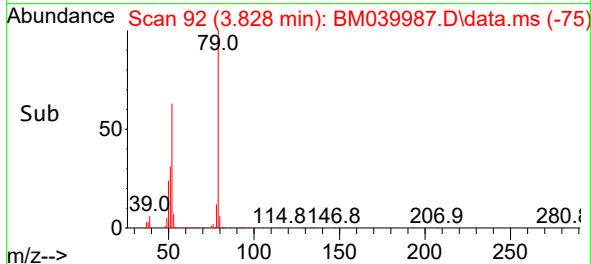
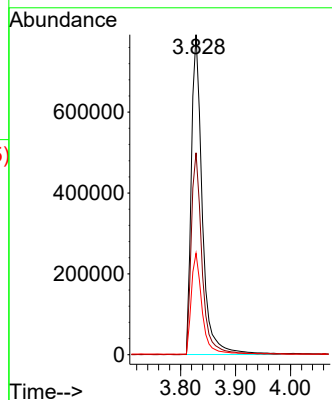
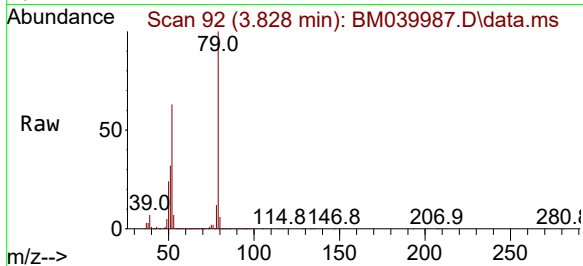




#3
 Pyridine
 Concen: 40.238 ng
 RT: 3.828 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BM039987.D
 Acq: 24 May 2023 16:59

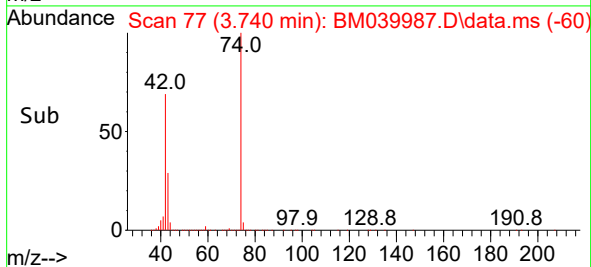
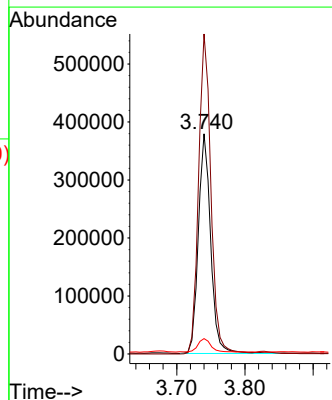
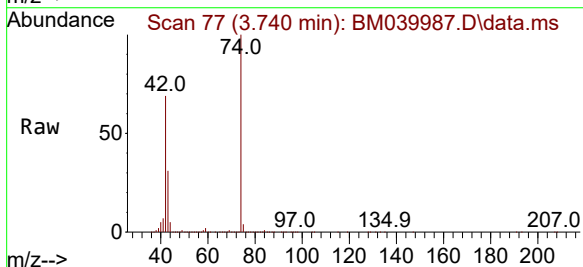
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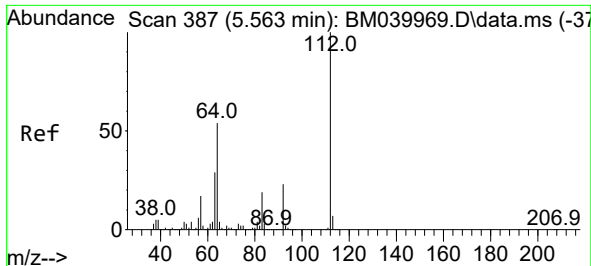
Tgt Ion: 79 Resp: 1092029
 Ion Ratio Lower Upper
 79 100
 52 63.1 52.0 78.0
 51 31.7 26.5 39.7



#4
 n-Nitrosodimethylamine
 Concen: 41.184 ng
 RT: 3.740 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: BM039987.D
 Acq: 24 May 2023 16:59

Tgt Ion: 42 Resp: 474846
 Ion Ratio Lower Upper
 42 100
 74 145.4 113.4 170.0
 44 7.0 5.4 8.2

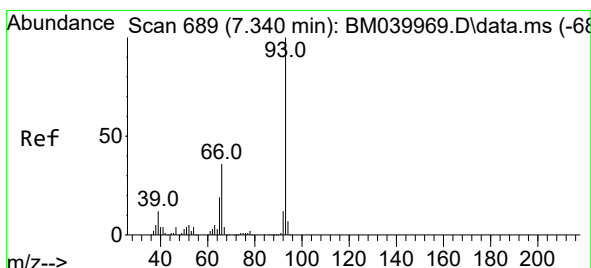
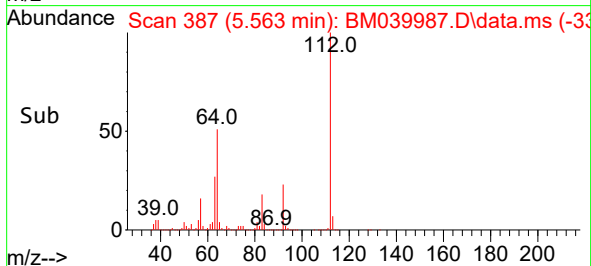
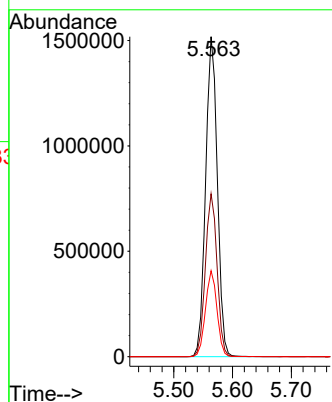
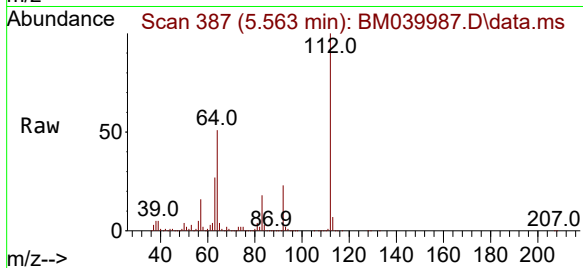




#5
2-Fluorophenol
Concen: 85.828 ng
RT: 5.563 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

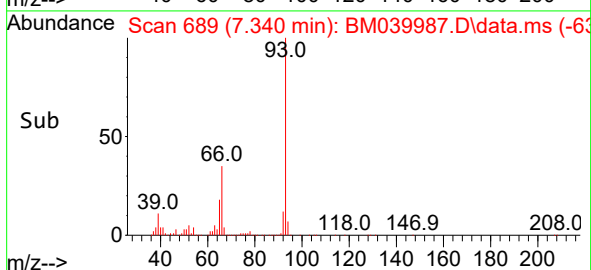
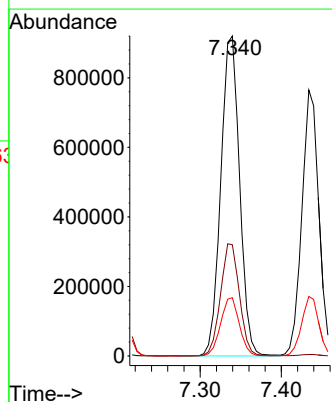
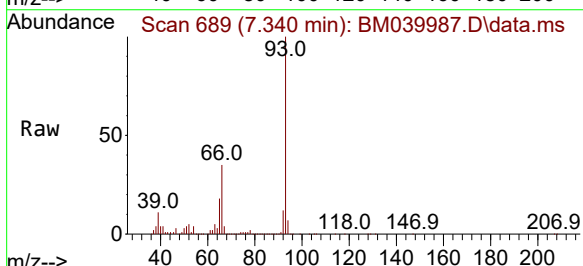
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MID2-44(10-11)MS

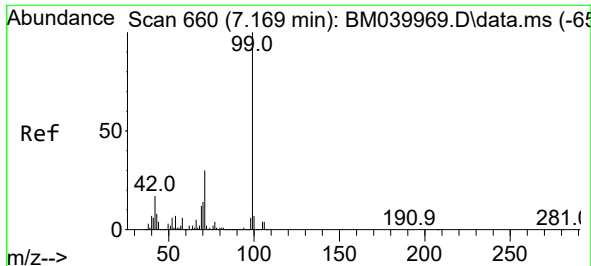
Tgt Ion:112 Resp: 2100792
Ion Ratio Lower Upper
112 100
64 50.9 43.0 64.4
63 26.9 22.9 34.3



#6
Aniline
Concen: 37.532 ng
RT: 7.340 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion: 93 Resp: 1482836
Ion Ratio Lower Upper
93 100
66 34.8 29.2 43.8
65 18.2 15.3 22.9

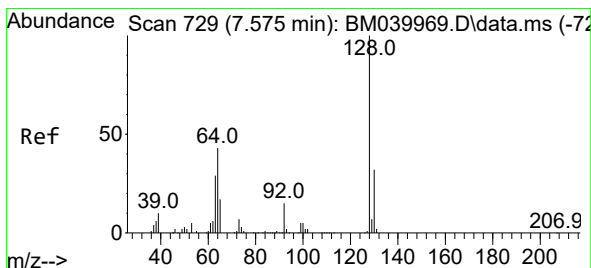
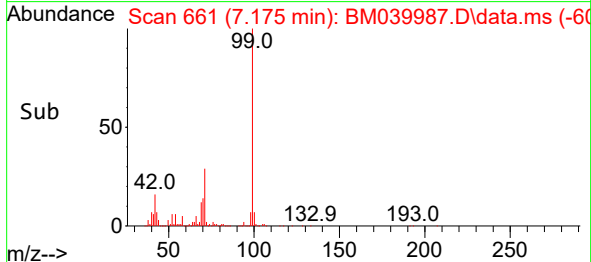
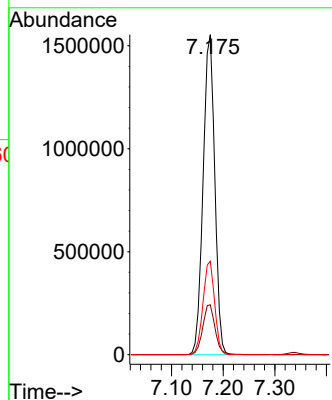
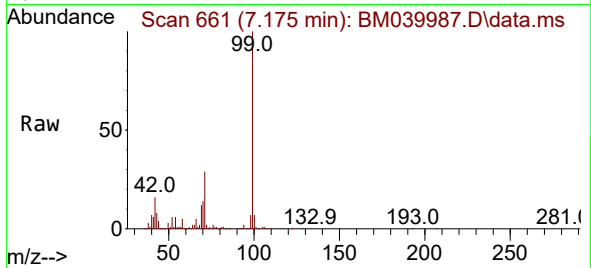




#7
Phenol-d6
Concen: 76.196 ng
RT: 7.175 min Scan# 661
Delta R.T. 0.006 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

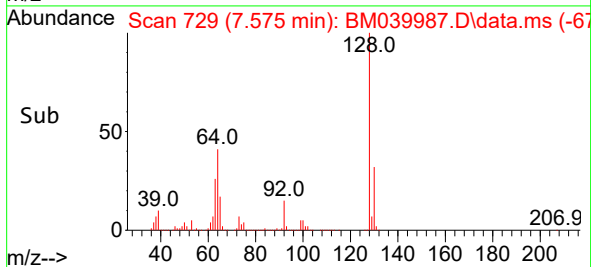
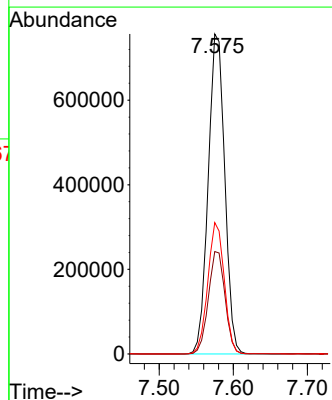
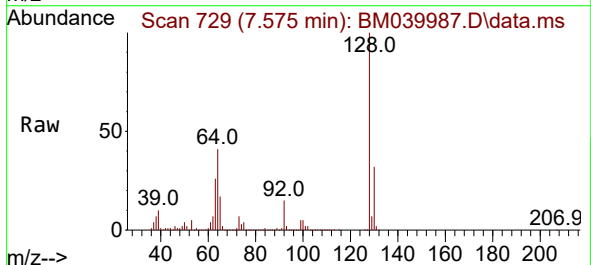
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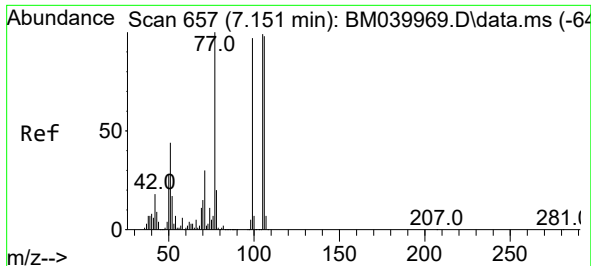
Tgt Ion: 99 Resp: 2432916
Ion Ratio Lower Upper
99 100
42 15.6 13.8 20.6
71 29.2 24.4 36.6



#8
2-Chlorophenol
Concen: 45.584 ng
RT: 7.575 min Scan# 729
Delta R.T. -0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:128 Resp: 1174457
Ion Ratio Lower Upper
128 100
130 32.0 12.4 52.4
64 41.1 25.5 65.5

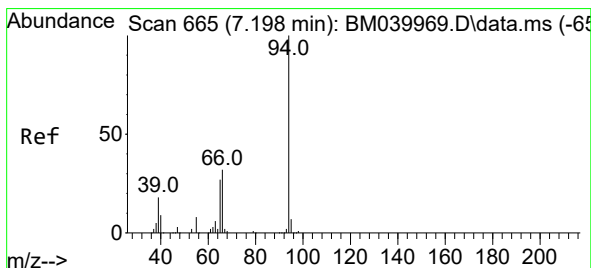
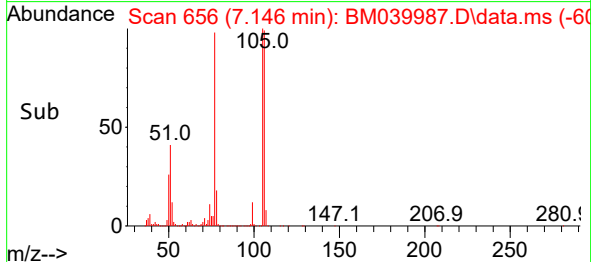
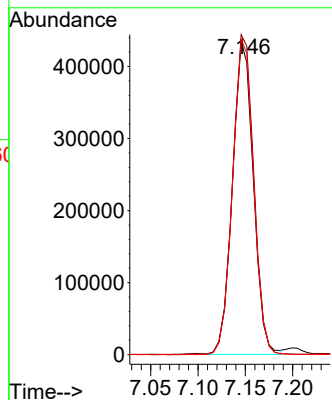
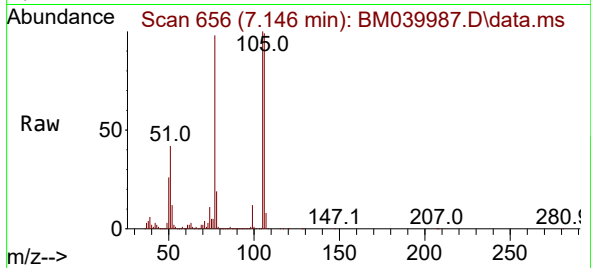




#9
Benzaldehyde
Concen: 43.101 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.005 min
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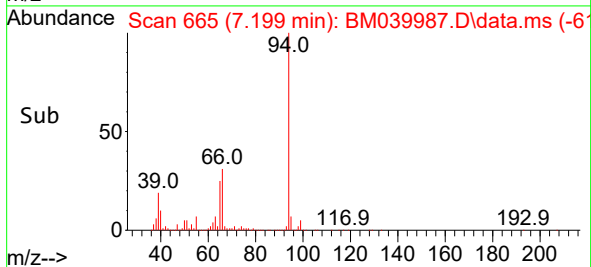
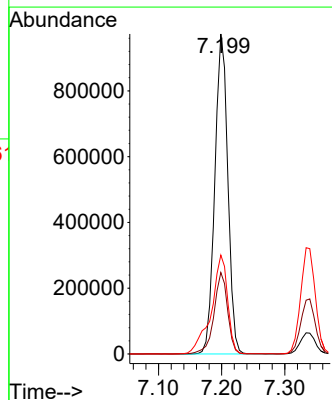
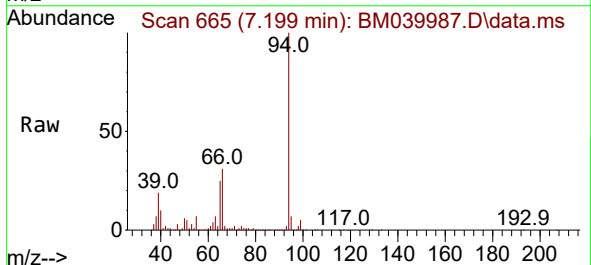
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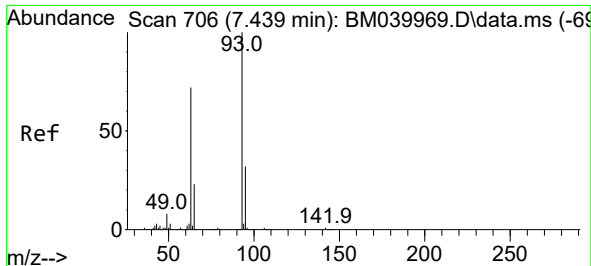
Tgt Ion: 77 Resp: 665264
Ion Ratio Lower Upper
77 100
105 102.0 79.2 119.2
106 100.5 77.6 117.6



#10
Phenol
Concen: 43.395 ng
RT: 7.199 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion: 94 Resp: 1388898
Ion Ratio Lower Upper
94 100
65 25.4 6.7 46.7
66 30.9 12.4 52.4

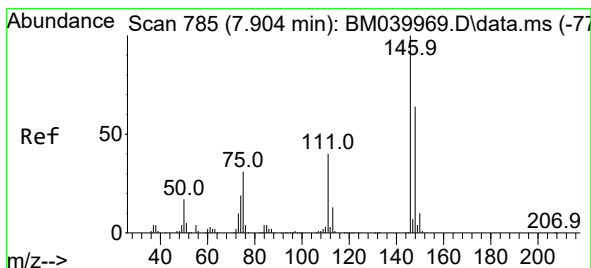
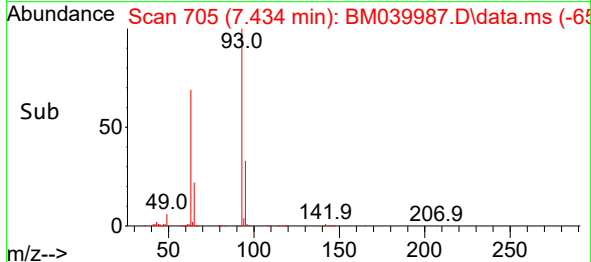
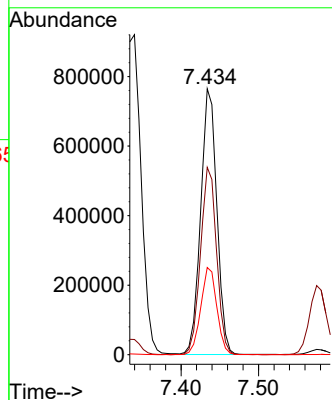
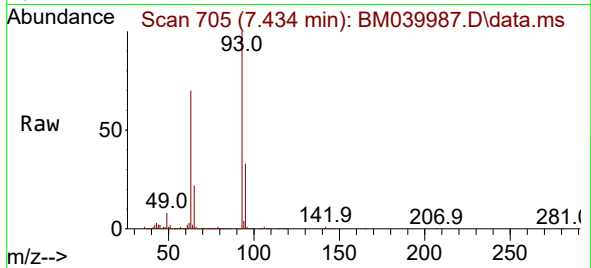




#11
bis(2-Chloroethyl)ether
Concen: 42.013 ng
RT: 7.434 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

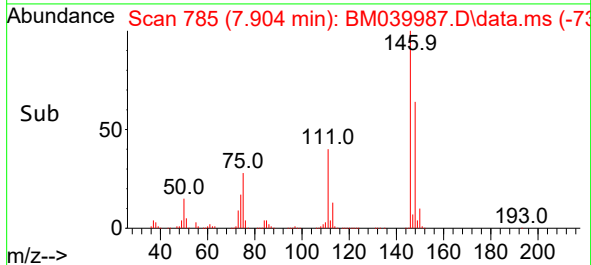
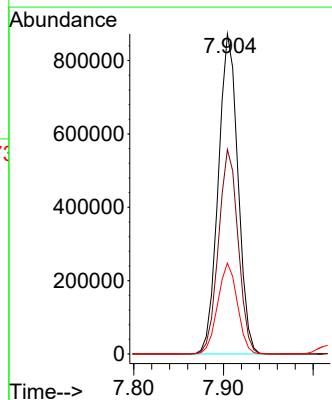
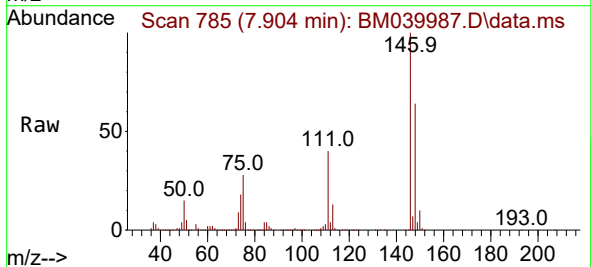
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

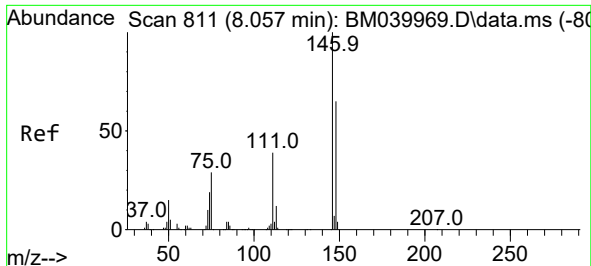
Tgt Ion: 93 Resp: 1107542
Ion Ratio Lower Upper
93 100
63 70.5 52.0 92.0
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 48.583 ng
RT: 7.904 min Scan# 785
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion: 146 Resp: 1325537
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
75 28.4 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 48.581 ng

RT: 8.051 min Scan# 811

Delta R.T. -0.006 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

Instrument :

BNA_M

ClientSampleId :

MID2-44(10-11)MS

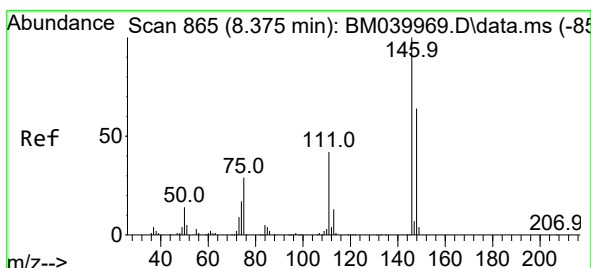
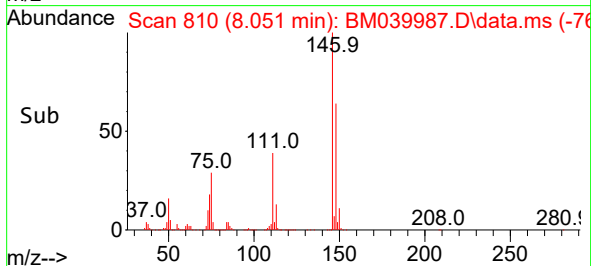
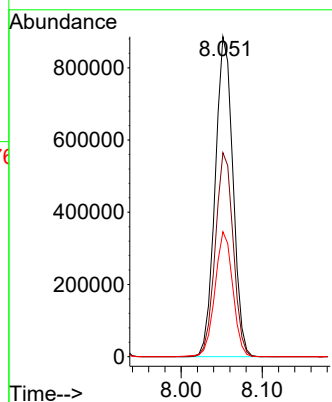
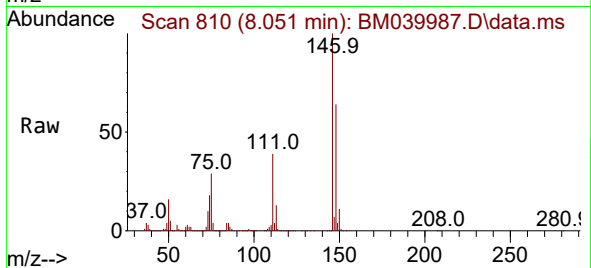
Tgt Ion:146 Resp: 1348598

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

111 39.0 31.4 47.0



#14

1,2-Dichlorobenzene

Concen: 46.672 ng

RT: 8.375 min Scan# 865

Delta R.T. 0.000 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

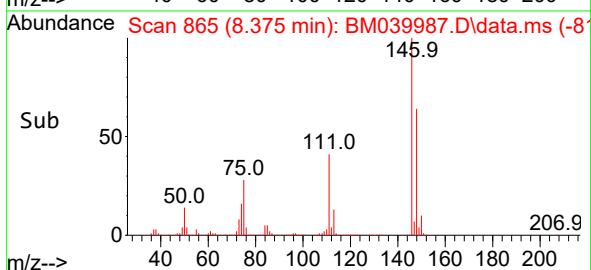
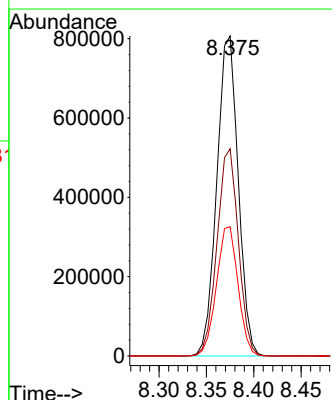
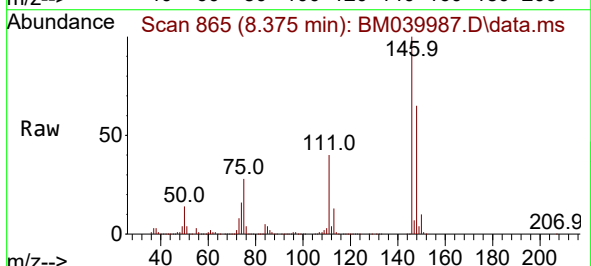
Tgt Ion:146 Resp: 1270436

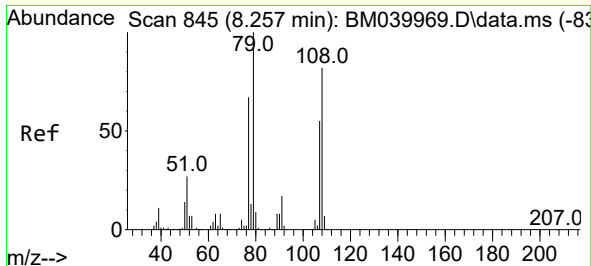
Ion Ratio Lower Upper

146 100

148 64.7 51.2 76.8

111 40.4 33.5 50.3

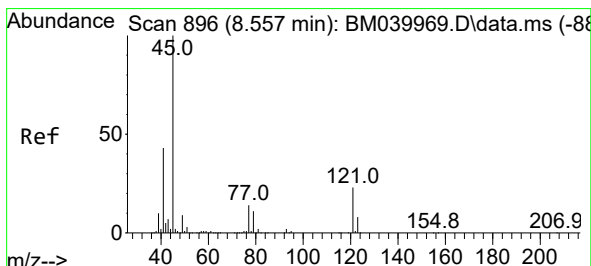
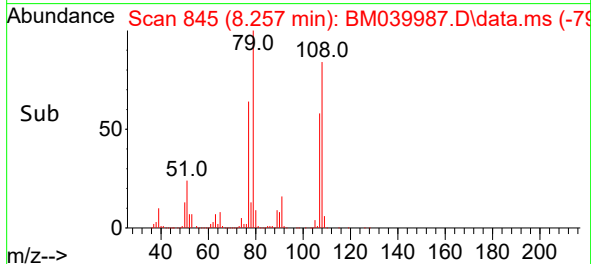
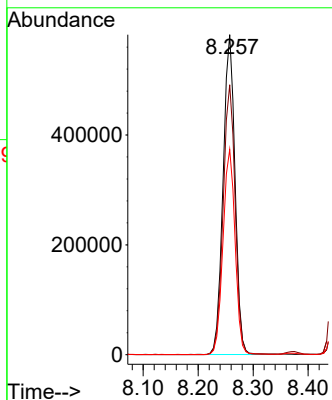
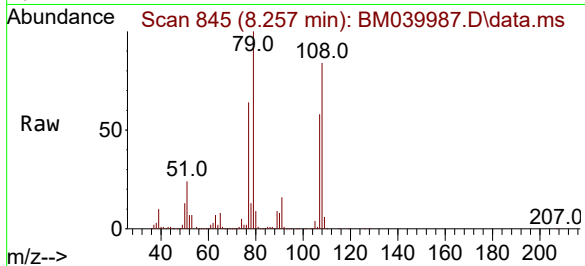




#15
Benzyl Alcohol
Concen: 42.604 ng
RT: 8.257 min Scan# 845
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

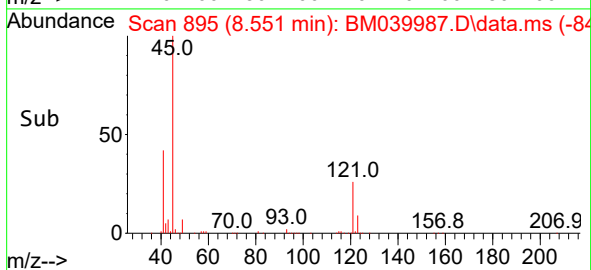
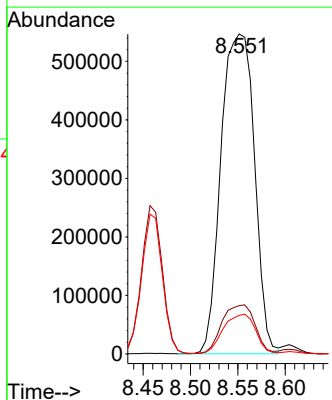
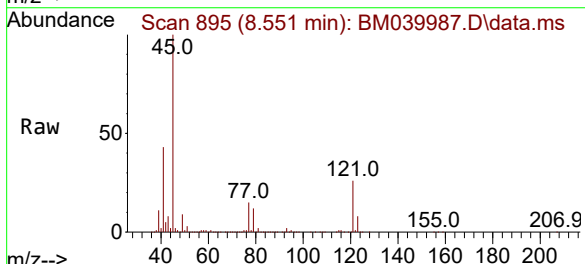
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

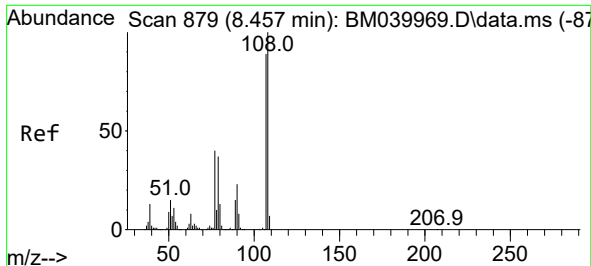
Tgt Ion: 79 Resp: 876872
Ion Ratio Lower Upper
79 100
108 84.4 65.4 98.2
77 64.2 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.682 ng
RT: 8.551 min Scan# 895
Delta R.T. -0.006 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion: 45 Resp: 1341882
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.7
79 12.1 0.0 31.3

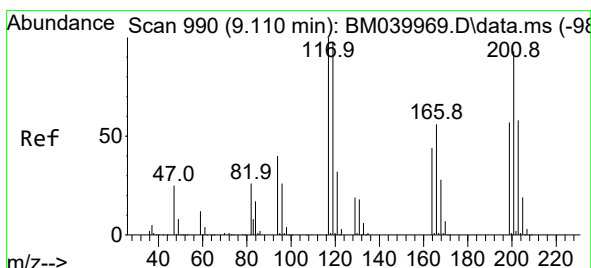
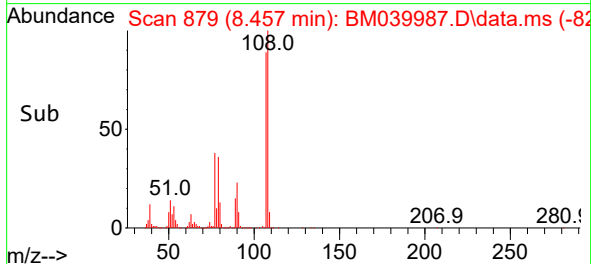
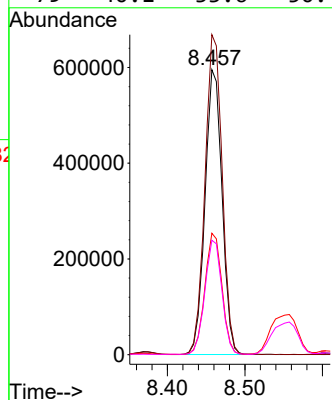
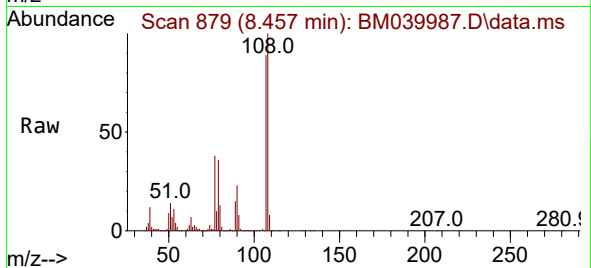




#17
2-Methylphenol
Concen: 39.695 ng
RT: 8.457 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

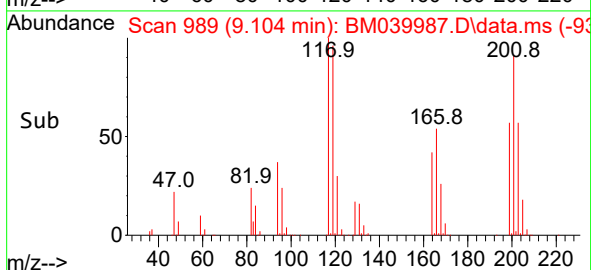
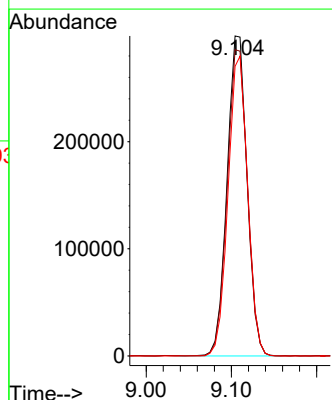
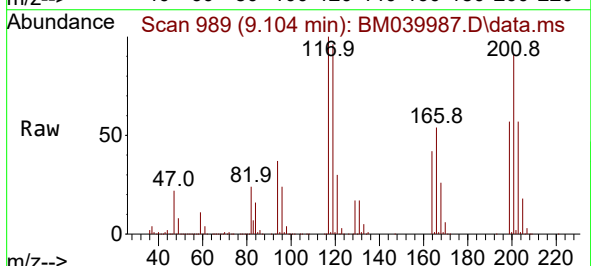
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

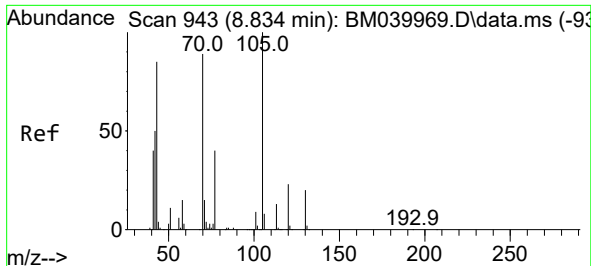
Tgt Ion:	107	Resp:	908958
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.8	134.8
77	42.6	35.6	53.4
79	40.1	33.6	50.4



#18
Hexachloroethane
Concen: 48.564 ng
RT: 9.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:	117	Resp:	488756
Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.8	118.2
201	90.5	74.3	111.5

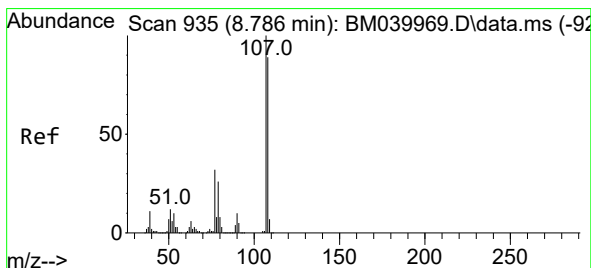
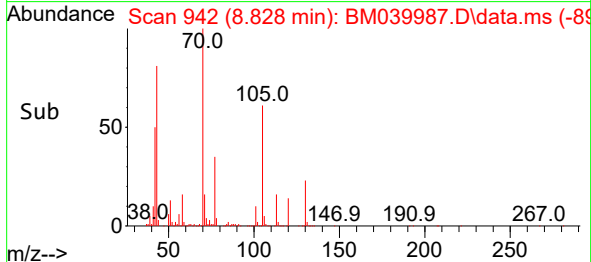
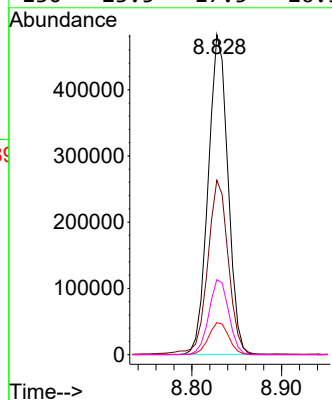
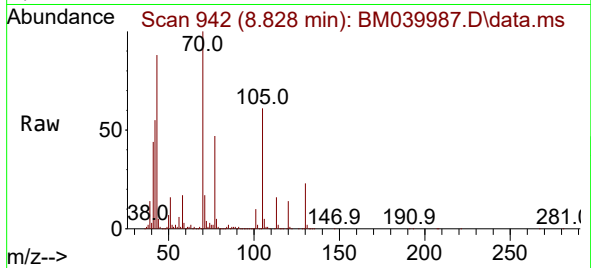




#19
n-Nitroso-di-n-propylamine
Concen: 39.800 ng
RT: 8.828 min Scan# 943
Delta R.T. -0.006 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

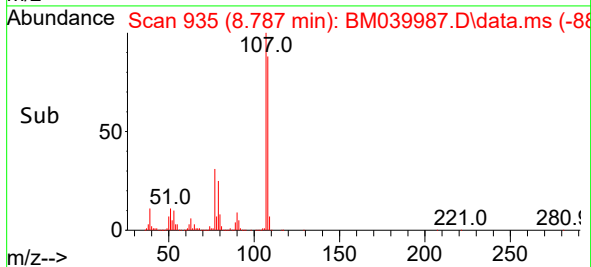
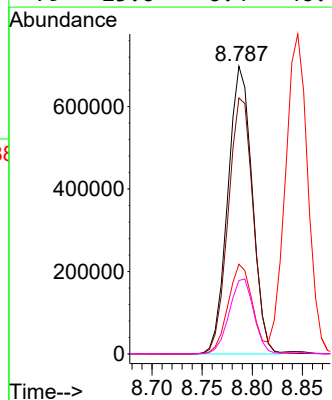
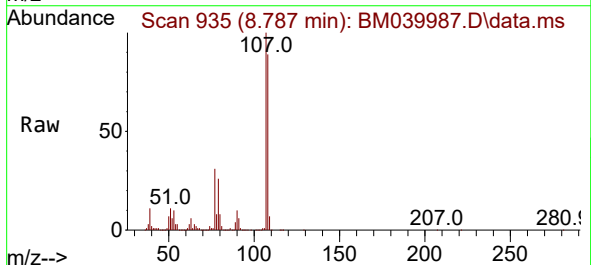
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

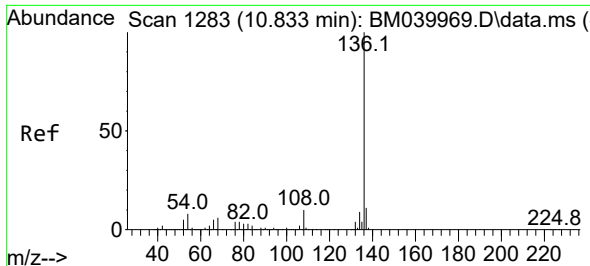
Tgt Ion: 70 Resp: 736033
Ion Ratio Lower Upper
70 100
42 54.5 45.6 68.4
101 10.0 7.7 11.5
130 23.5 17.5 26.3



#20
3+4-Methylphenols
Concen: 39.148 ng
RT: 8.787 min Scan# 935
Delta R.T. 0.001 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion: 107 Resp: 1182926
Ion Ratio Lower Upper
107 100
108 89.0 69.3 109.3
77 31.2 11.7 51.7
79 25.6 6.4 46.4

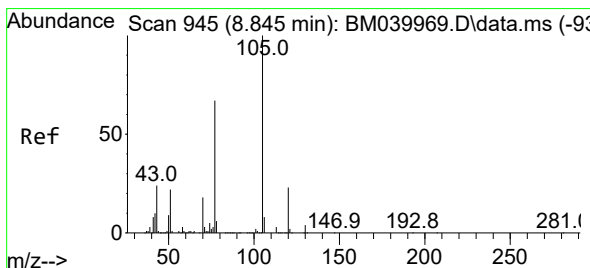
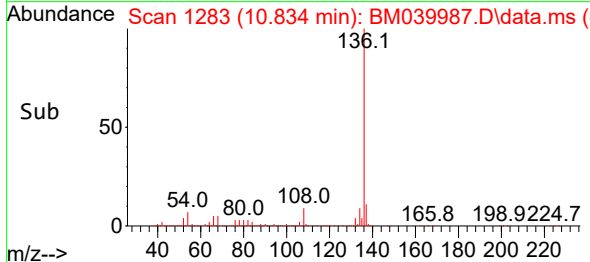
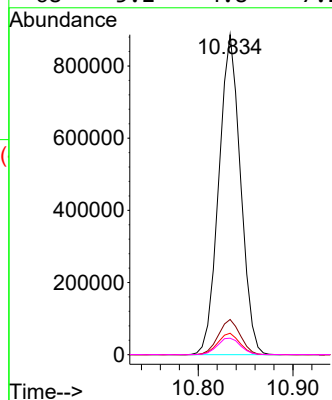
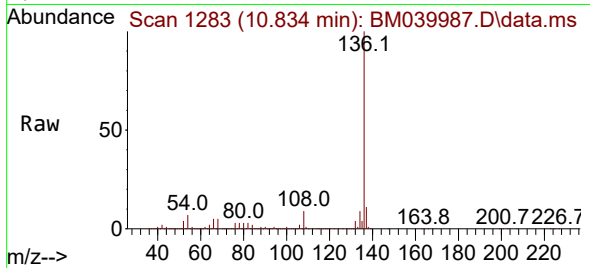




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.834 min Scan# 1
Delta R.T. 0.001 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

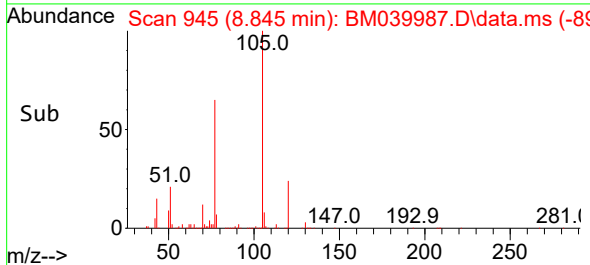
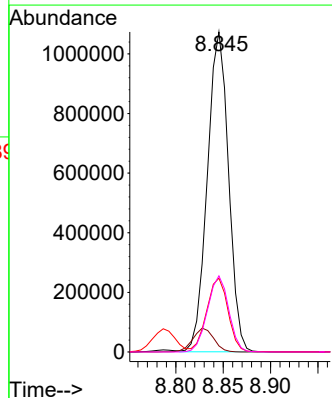
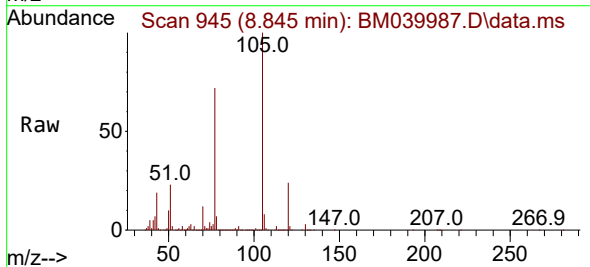
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

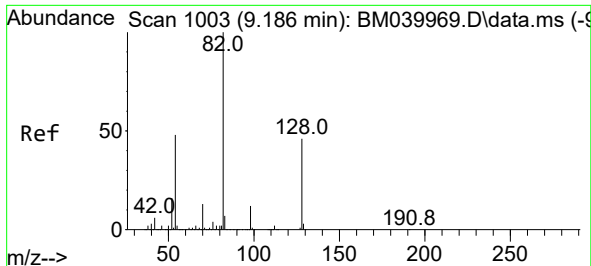
Tgt Ion:136 Resp: 1412308
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.7 6.1 9.1
68 5.2 4.8 7.2



#22
Acetophenone
Concen: 43.744 ng
RT: 8.845 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:105 Resp: 1667525
Ion Ratio Lower Upper
105 100
71 1.9 2.2 3.4#
51 23.1 19.8 29.8
120 23.8 18.6 28.0





#23

Nitrobenzene-d5

Concen: 52.079 ng

RT: 9.187 min Scan# 1003

Delta R.T. 0.001 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

Instrument :

BNA_M

ClientSampleId :

MID2-44(10-11)MS

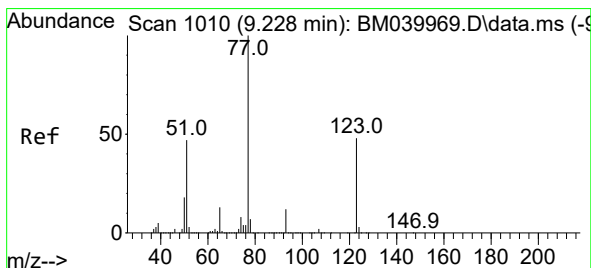
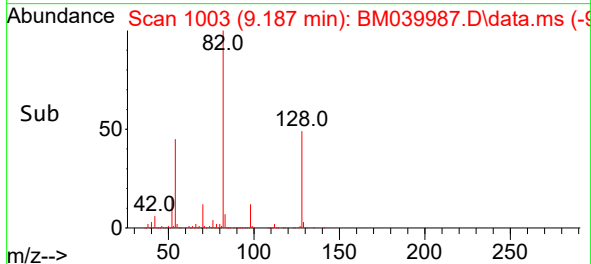
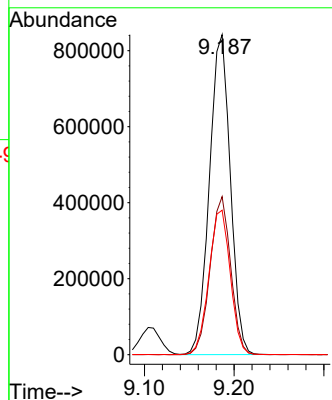
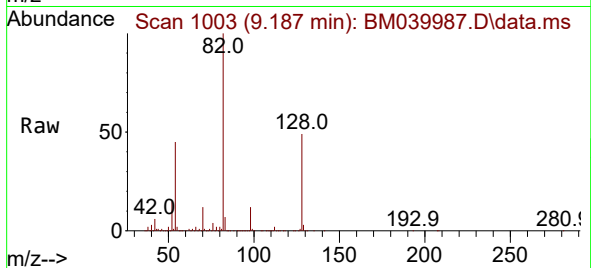
Tgt Ion: 82 Resp: 1363076

Ion Ratio Lower Upper

82 100

128 49.4 36.5 54.7

54 45.2 38.3 57.5



#24

Nitrobenzene

Concen: 42.541 ng

RT: 9.228 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

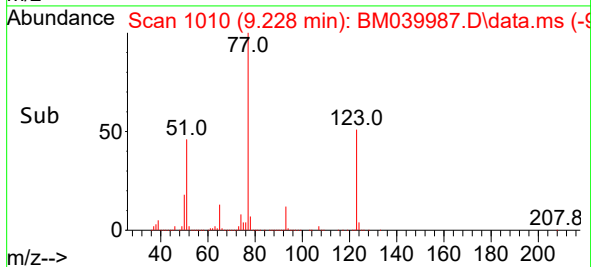
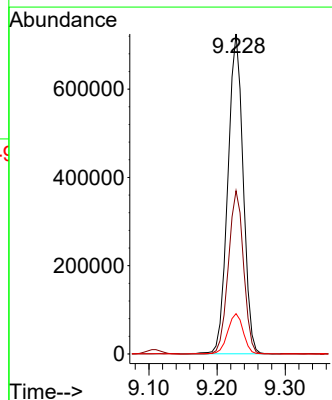
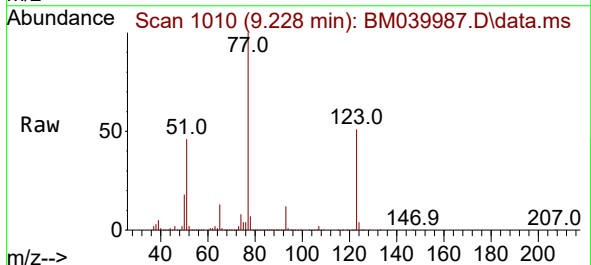
Tgt Ion: 77 Resp: 1129421

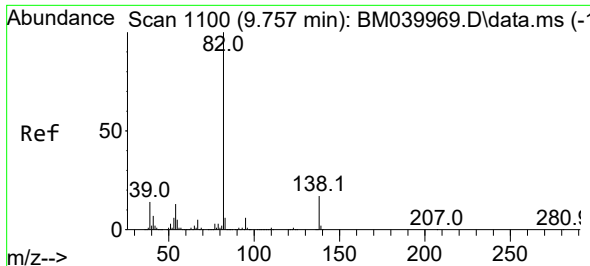
Ion Ratio Lower Upper

77 100

123 51.0 38.1 57.1

65 12.6 10.1 15.1

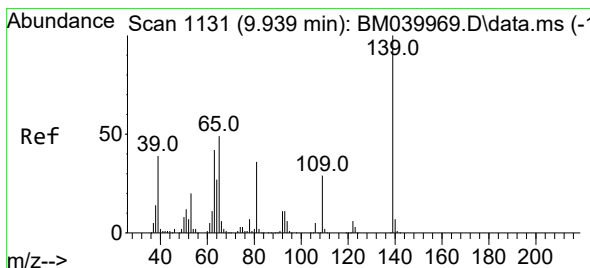
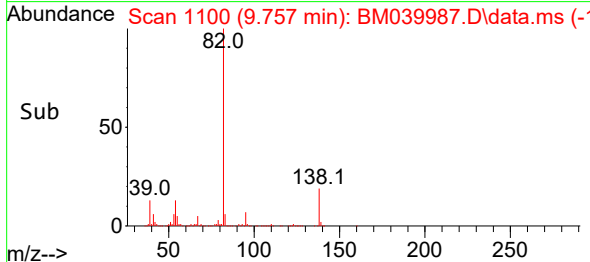
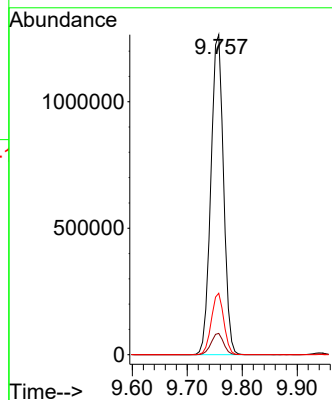
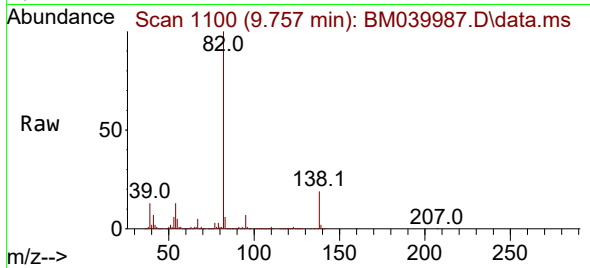




#25
Isophorone
Concen: 42.341 ng
RT: 9.757 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

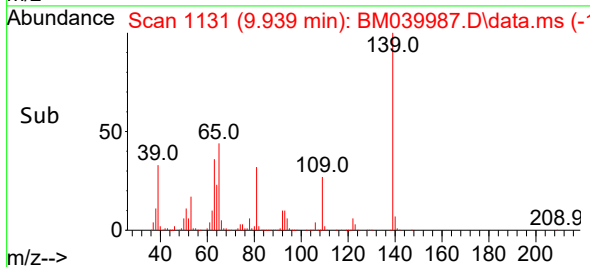
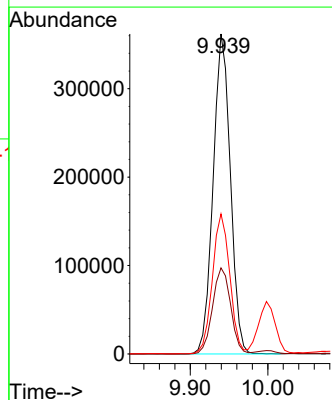
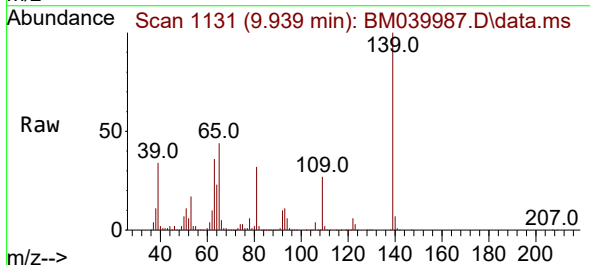
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

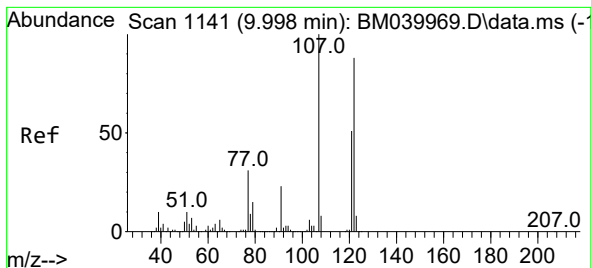
Tgt Ion: 82 Resp: 2020989
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 19.2 13.8 20.8



#26
2-Nitrophenol
Concen: 59.497 ng
RT: 9.939 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion: 139 Resp: 558941
Ion Ratio Lower Upper
139 100
109 26.9 23.4 35.2
65 43.7 39.4 59.2

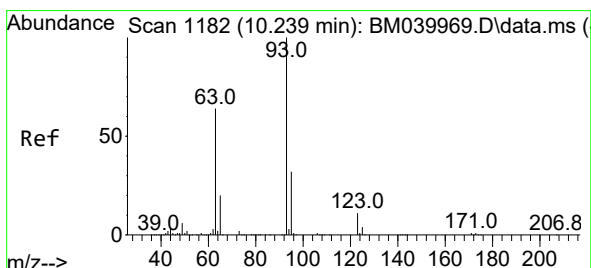
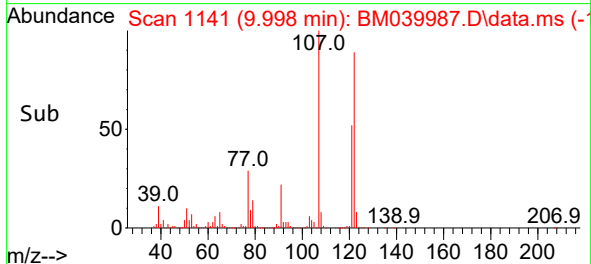
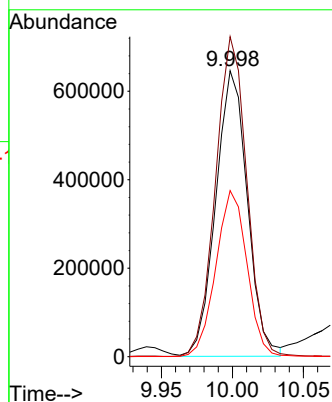
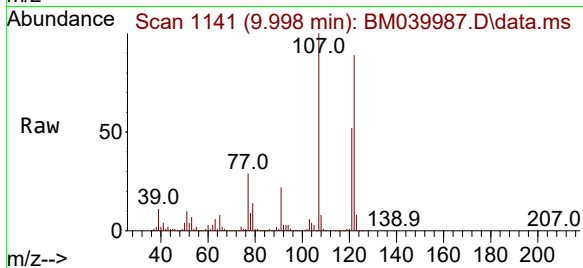




#27
2,4-Dimethylphenol
Concen: 46.660 ng
RT: 9.998 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

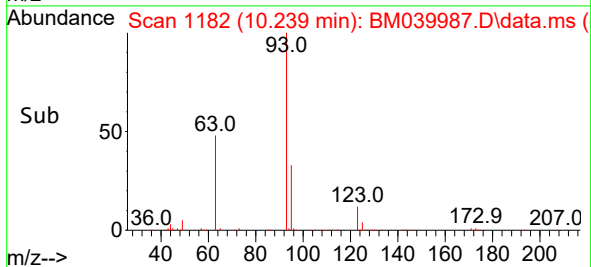
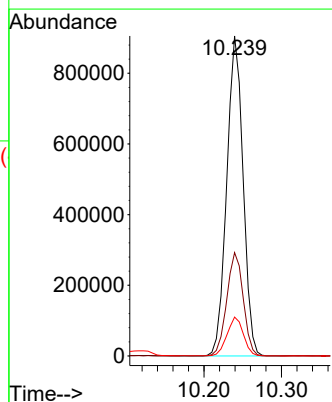
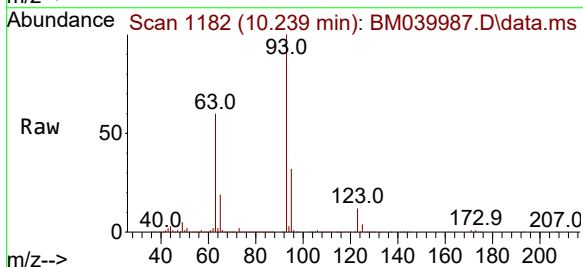
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

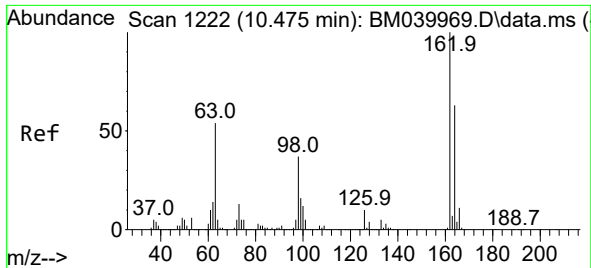
Tgt Ion:122 Resp: 998395
Ion Ratio Lower Upper
122 100
107 111.9 91.0 136.4
121 58.1 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 42.425 ng
RT: 10.239 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion: 93 Resp: 1327621
Ion Ratio Lower Upper
93 100
95 32.3 25.7 38.5
123 12.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.134 ng

RT: 10.475 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

Instrument :

BNA_M

ClientSampleId :

MID2-44(10-11)MS

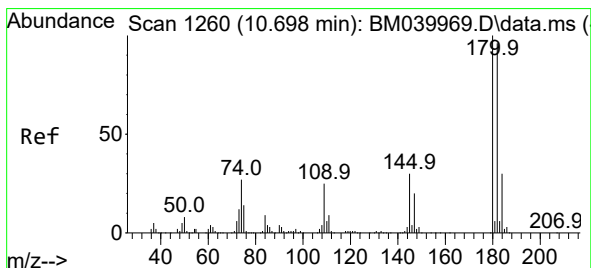
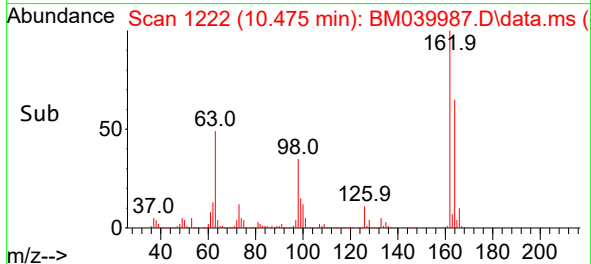
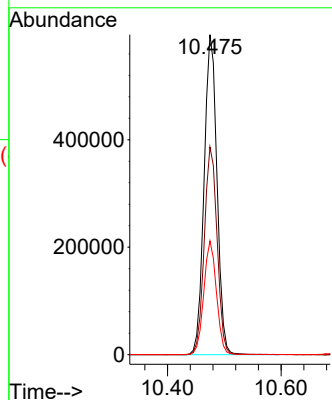
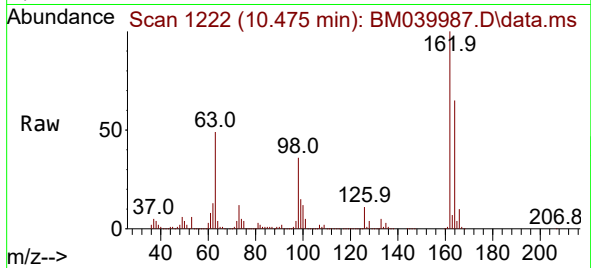
Tgt Ion:162 Resp: 935254

Ion Ratio Lower Upper

162 100

164 64.9 43.3 83.3

98 35.5 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 47.064 ng

RT: 10.692 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

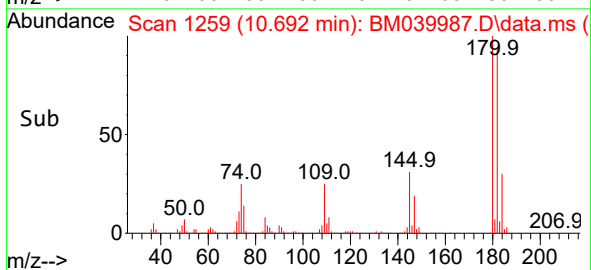
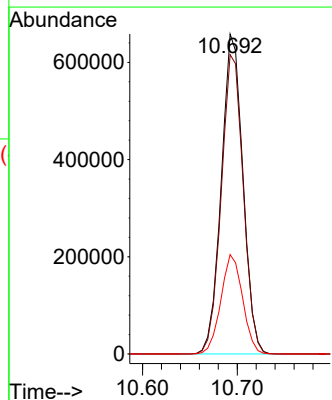
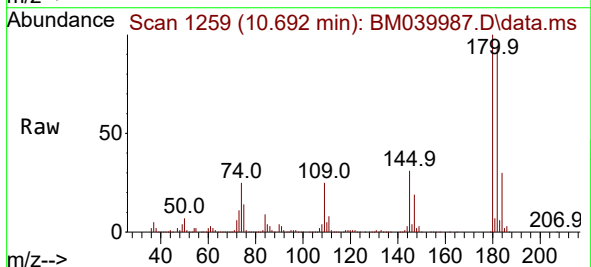
Tgt Ion:180 Resp: 1044537

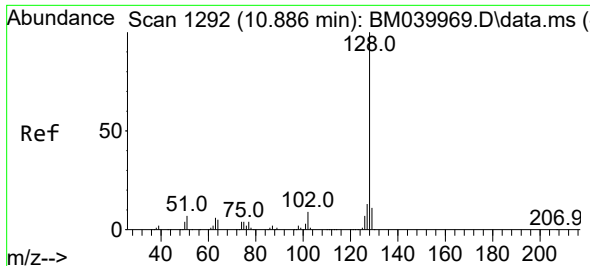
Ion Ratio Lower Upper

180 100

182 93.6 76.9 115.3

145 31.0 24.1 36.1

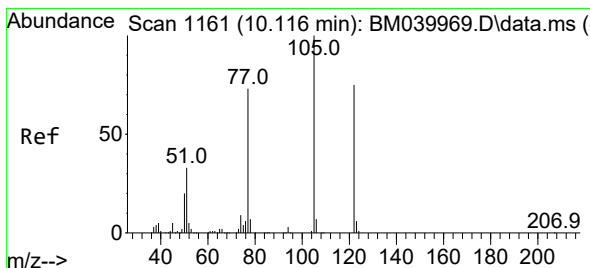
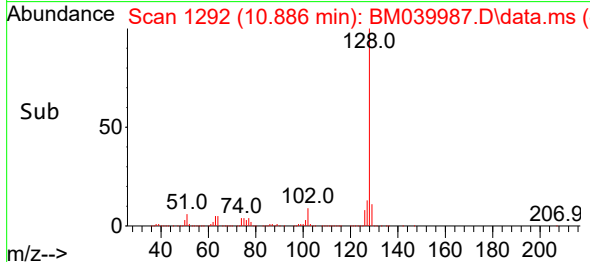
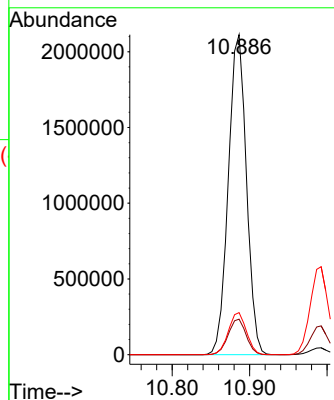
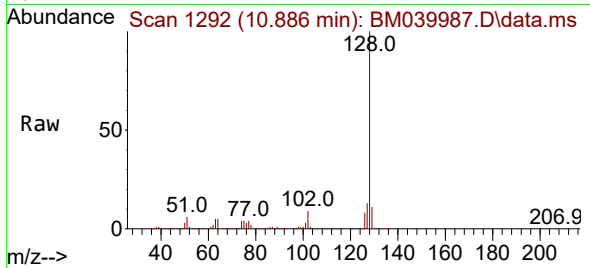




#31
Naphthalene
Concen: 44.031 ng
RT: 10.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

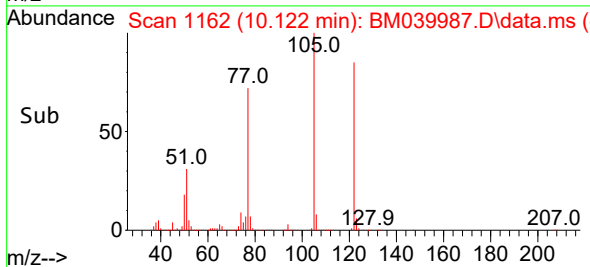
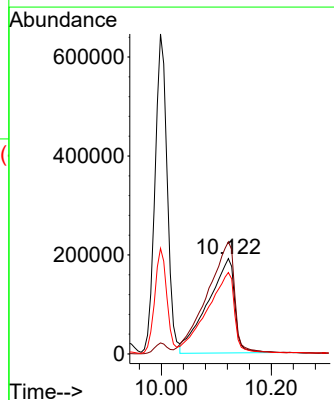
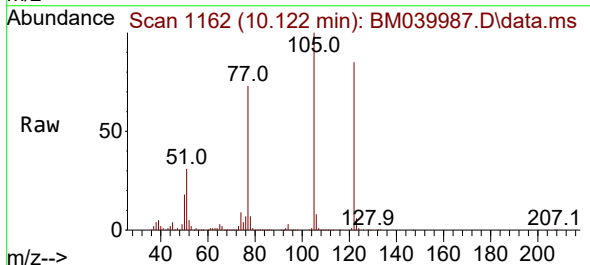
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

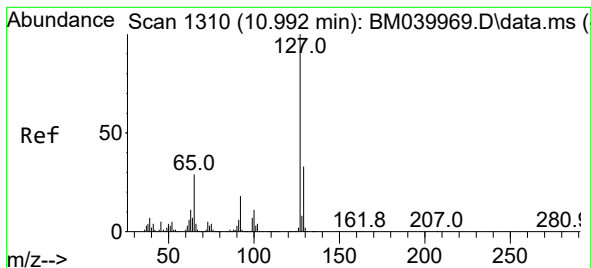
Tgt Ion:128 Resp: 3431092
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 45.584 ng
RT: 10.122 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:122 Resp: 650565
Ion Ratio Lower Upper
122 100
105 117.7 106.0 146.0
77 85.4 74.7 114.7

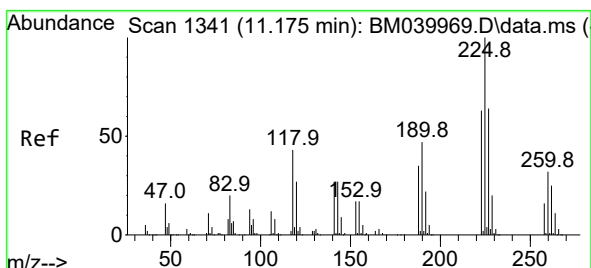
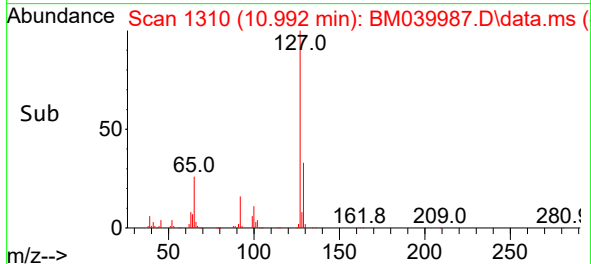
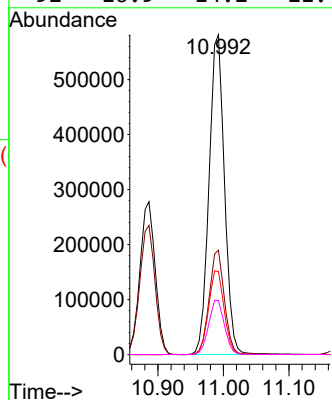
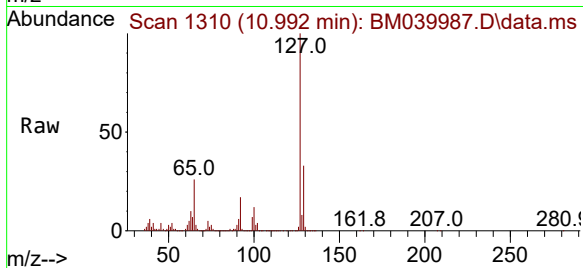




#33
4-Chloroaniline
Concen: 29.003 ng
RT: 10.992 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

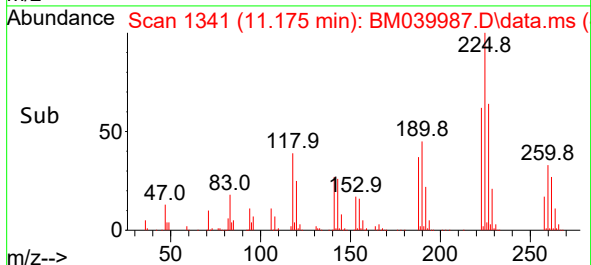
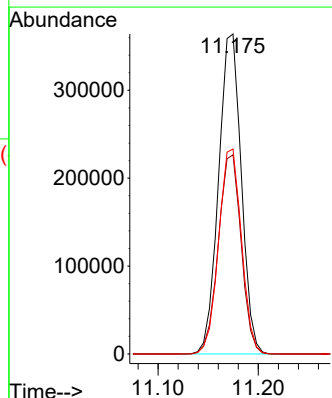
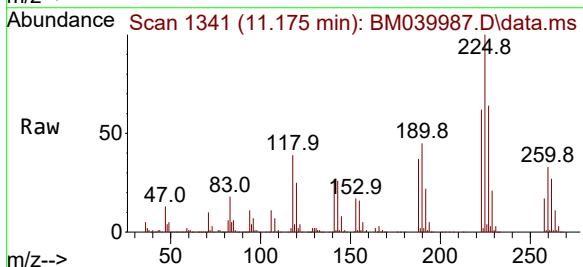
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

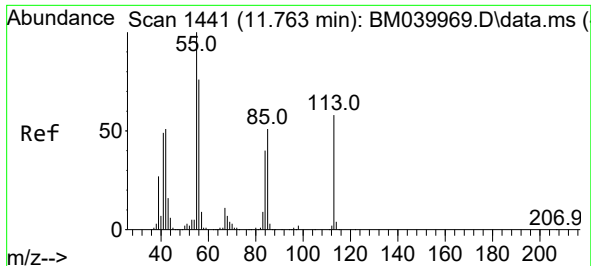
Tgt Ion:	127	Resp:	952364
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	26.0	23.1	34.7
92	16.9	14.2	21.4



#34
Hexachlorobutadiene
Concen: 45.958 ng
RT: 11.175 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:	225	Resp:	572508
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.3	75.5
227	64.1	51.0	76.4

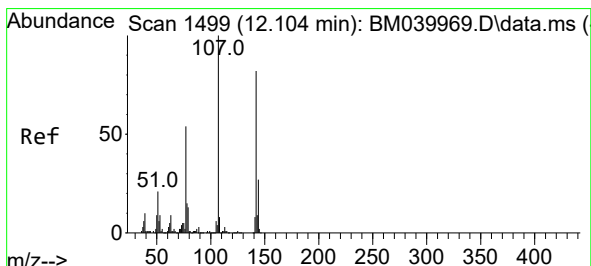
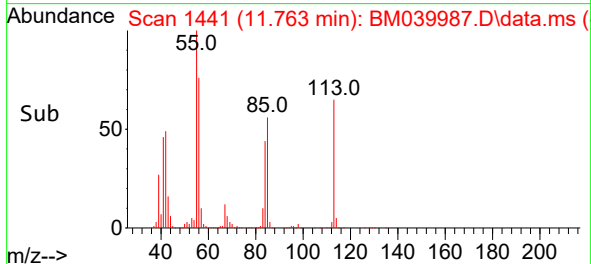
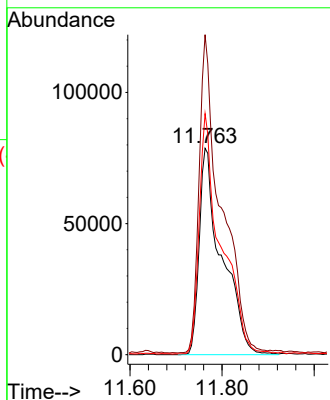
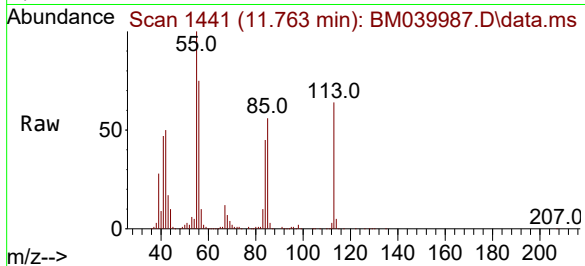




#35
Caprolactam
Concen: 46.624 ng
RT: 11.763 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

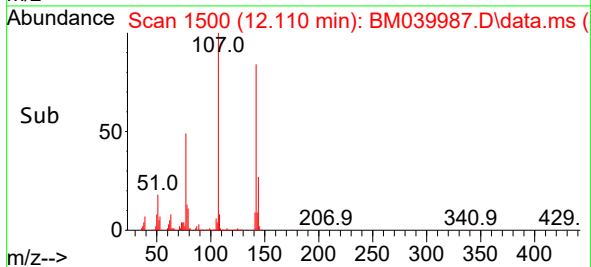
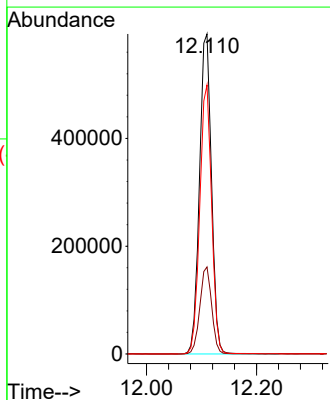
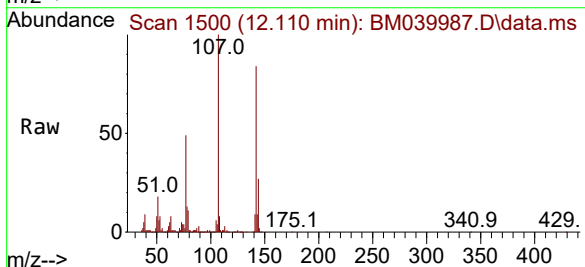
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

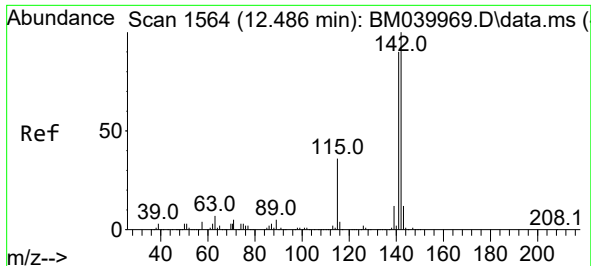
Tgt Ion:113 Resp: 266901
Ion Ratio Lower Upper
113 100
55 155.1 152.5 192.5
56 116.9 111.2 151.2



#36
4-Chloro-3-methylphenol
Concen: 42.991 ng
RT: 12.110 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:107 Resp: 900838
Ion Ratio Lower Upper
107 100
144 27.2 21.4 32.2
142 84.0 65.8 98.6

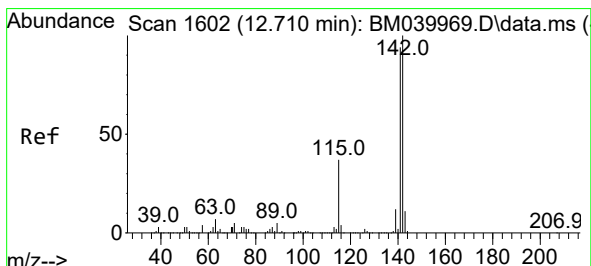
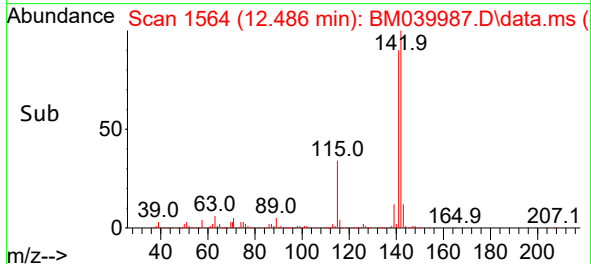
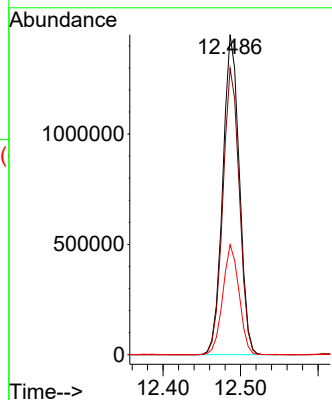
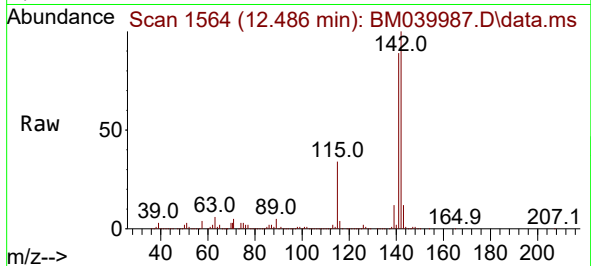




#37
2-Methylnaphthalene
Concen: 41.437 ng
RT: 12.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

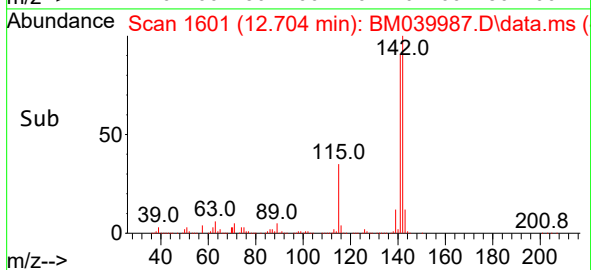
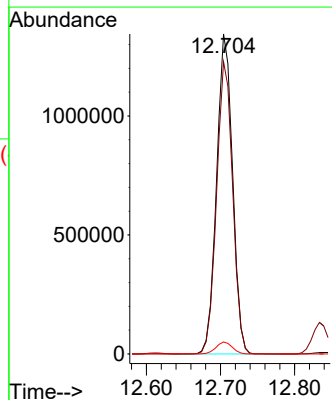
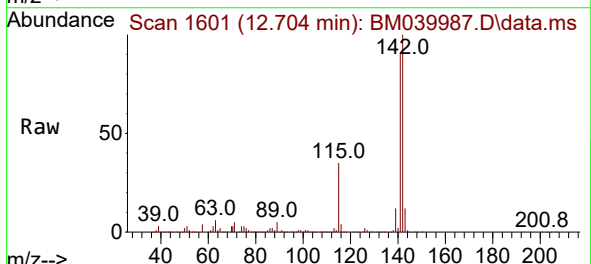
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

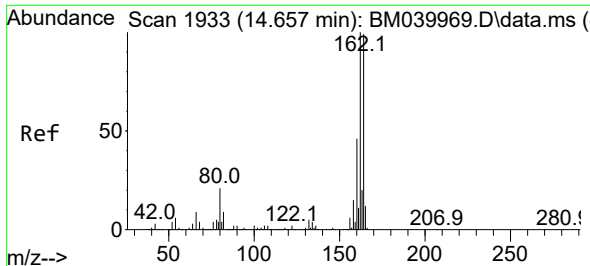
Tgt Ion:142 Resp: 2152253
Ion Ratio Lower Upper
142 100
141 89.5 71.6 107.4
115 34.4 28.8 43.2



#38
1-Methylnaphthalene
Concen: 41.322 ng
RT: 12.704 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:142 Resp: 2009119
Ion Ratio Lower Upper
142 100
141 91.3 75.1 112.7
116 3.8 3.2 4.8

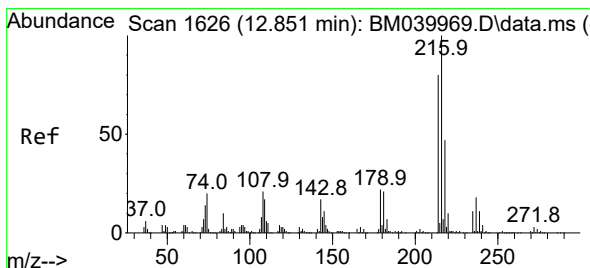
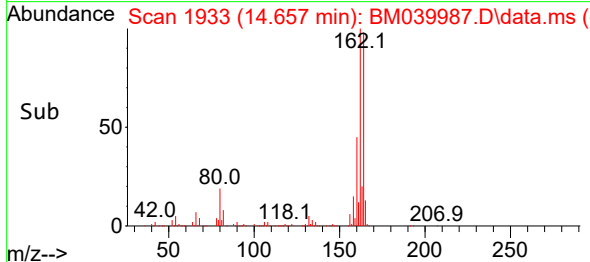
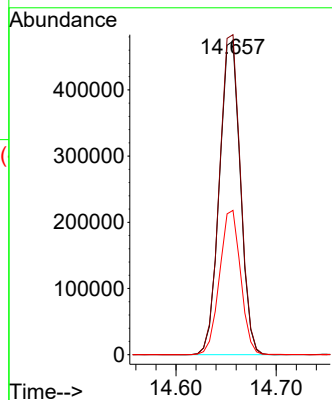
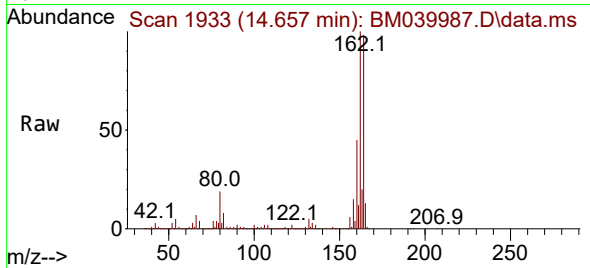




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.657 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

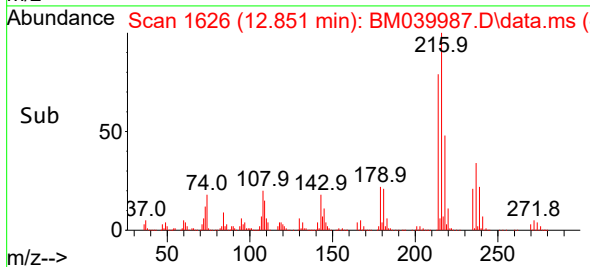
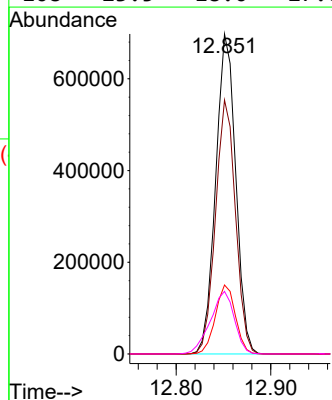
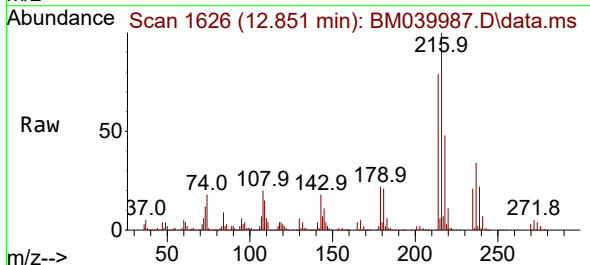
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

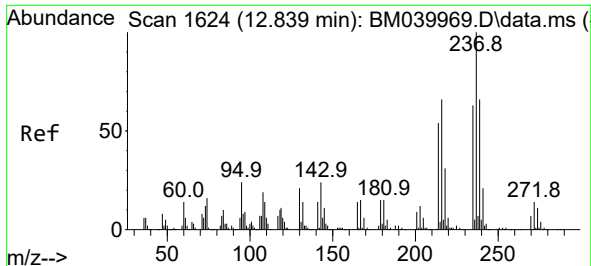
Tgt Ion:164 Resp: 685440
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 46.0 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.288 ng
RT: 12.851 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:216 Resp: 1025179
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.6
179 21.6 17.4 26.2
108 23.5 18.0 27.0

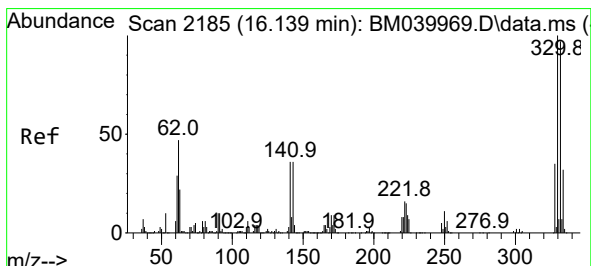
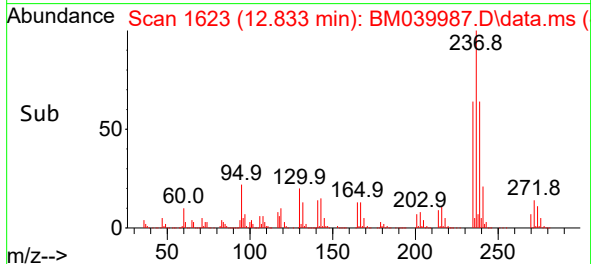
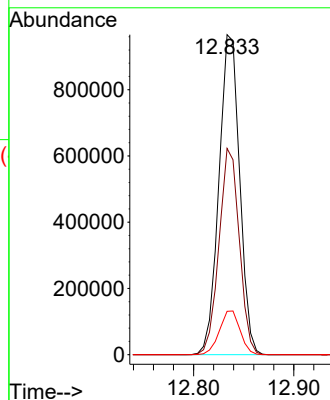
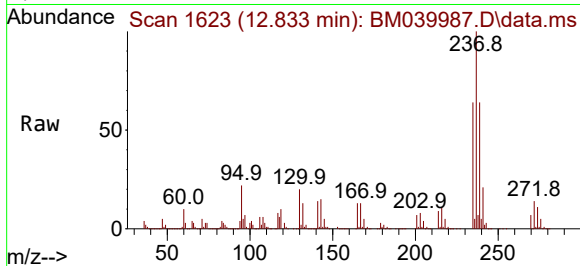




#41
Hexachlorocyclopentadiene
Concen: 123.570 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

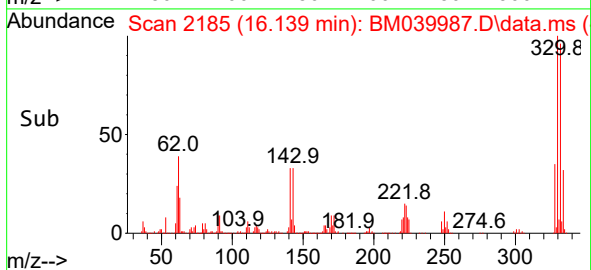
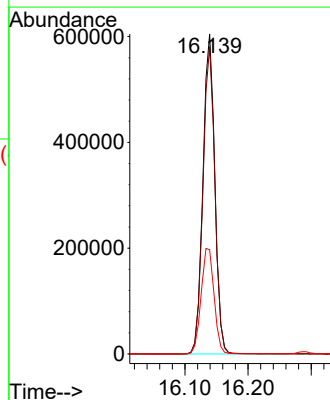
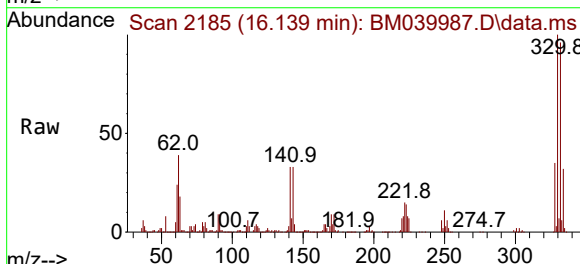
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

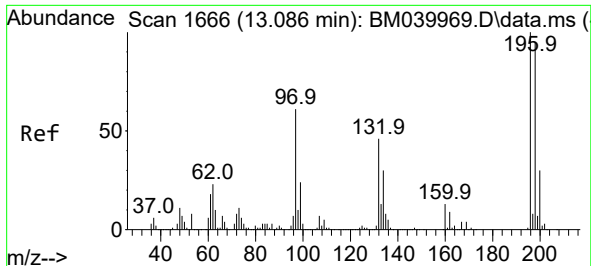
Tgt Ion:237 Resp: 1385846
Ion Ratio Lower Upper
237 100
235 64.5 43.2 83.2
272 13.5 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 88.593 ng
RT: 16.139 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:330 Resp: 788168
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 36.1 31.6 47.4

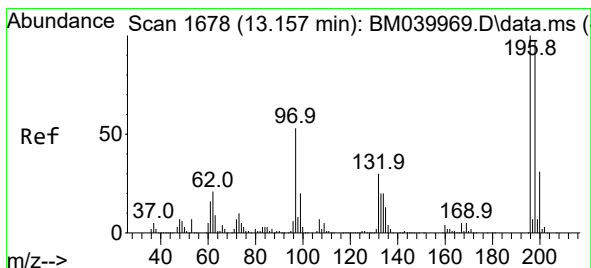
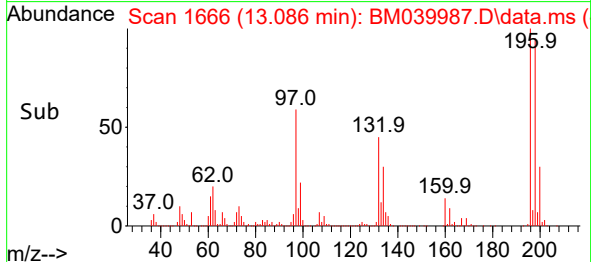
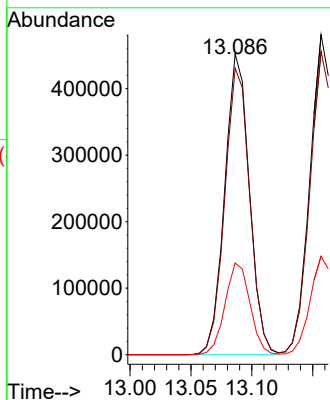
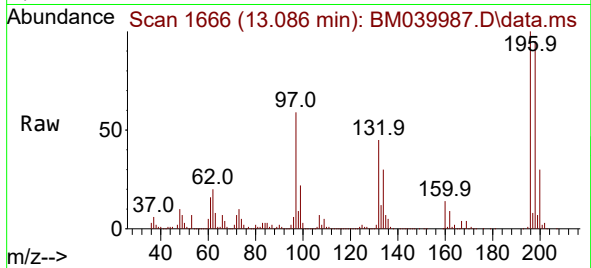




#43
 2,4,6-Trichlorophenol
 Concen: 48.555 ng
 RT: 13.086 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BM039987.D
 Acq: 24 May 2023 16:59

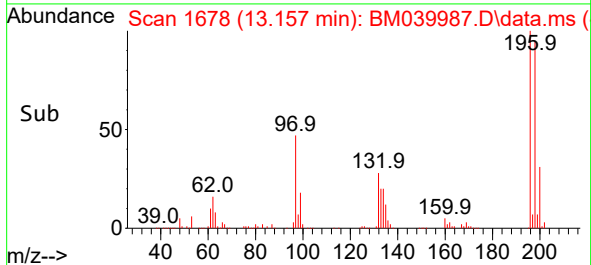
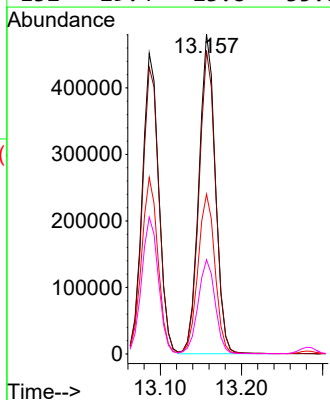
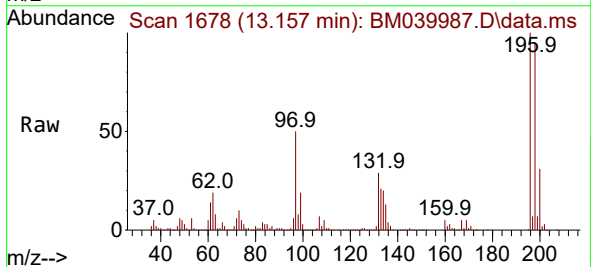
Instrument :
 BNA_M
 ClientSampleId :
 MID2-44(10-11)MS

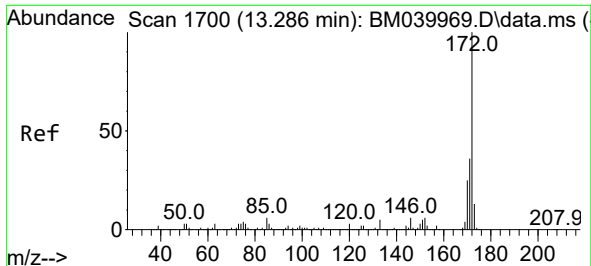
Tgt Ion:196 Resp: 638922
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 200 30.5 23.8 35.8



#44
 2,4,5-Trichlorophenol
 Concen: 43.178 ng
 RT: 13.157 min Scan# 1678
 Delta R.T. -0.000 min
 Lab File: BM039987.D
 Acq: 24 May 2023 16:59

Tgt Ion:196 Resp: 676264
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.2 115.8
 97 49.9 42.2 63.2
 132 29.4 23.8 35.8

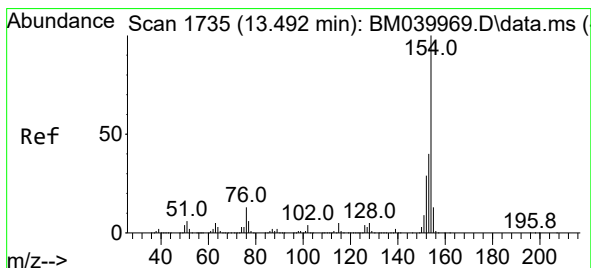
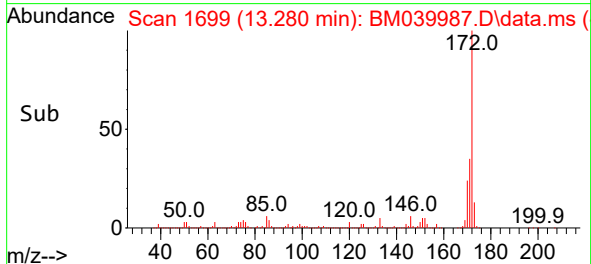
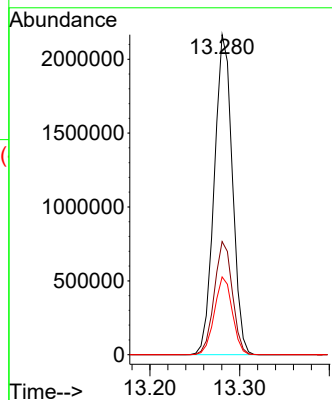
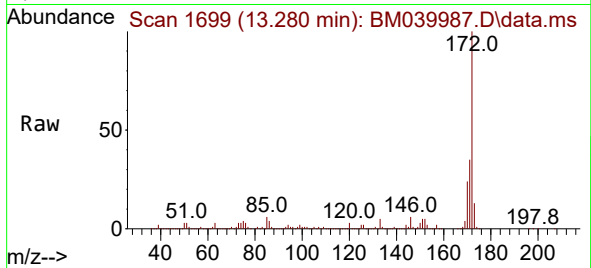




#45
2-Fluorobiphenyl
Concen: 52.136 ng
RT: 13.280 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

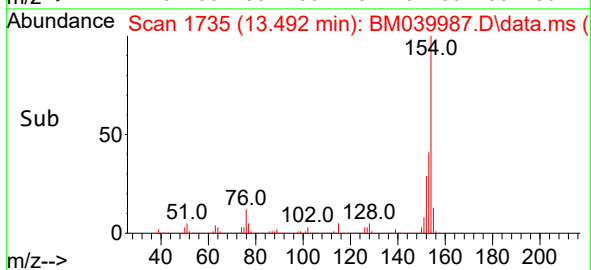
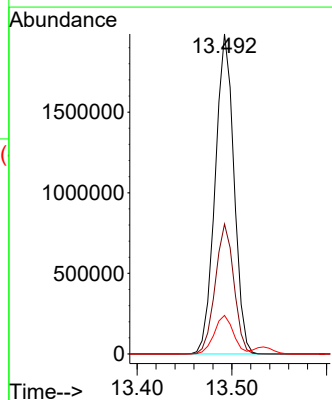
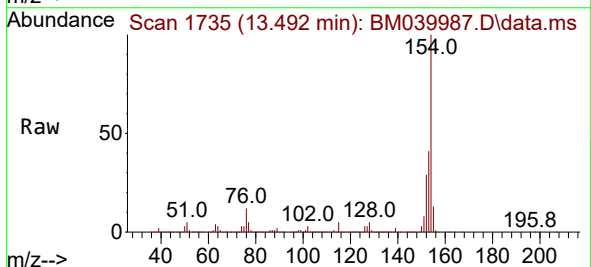
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

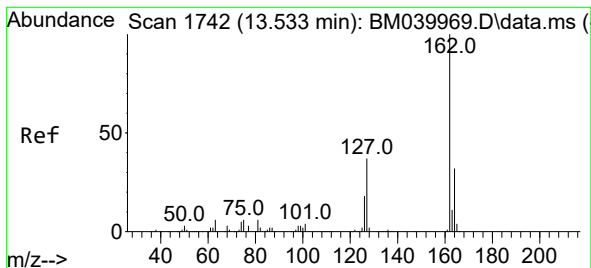
Tgt Ion:172 Resp: 3029784
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.3 19.6 29.4



#46
1,1'-Biphenyl
Concen: 46.540 ng
RT: 13.492 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:154 Resp: 2731144
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 12.1 0.0 33.1

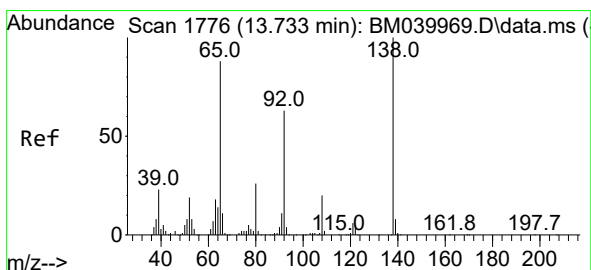
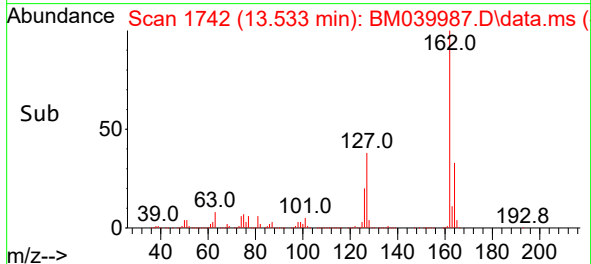
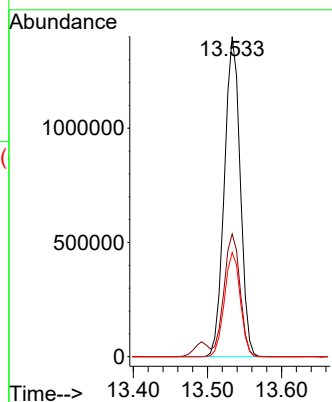
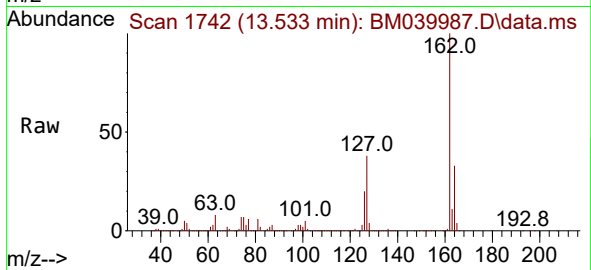




#47
2-Chloronaphthalene
Concen: 47.422 ng
RT: 13.533 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

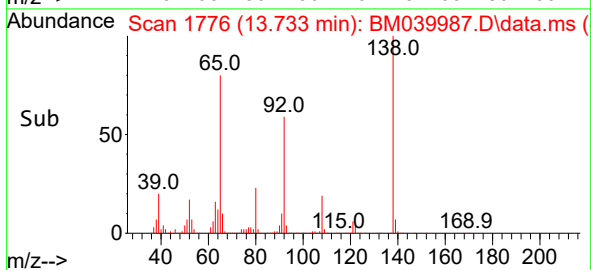
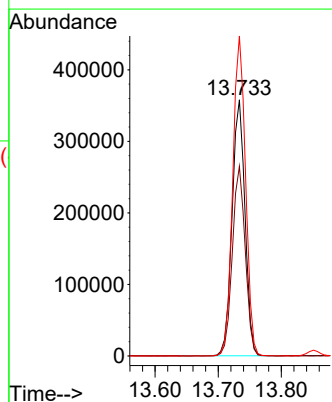
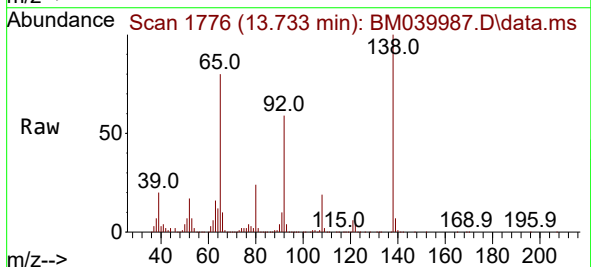
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

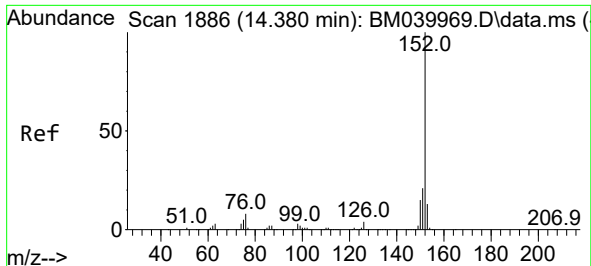
Tgt Ion:162 Resp: 2077311
Ion Ratio Lower Upper
162 100
127 38.3 31.3 46.9
164 32.5 25.8 38.8



#48
2-Nitroaniline
Concen: 43.158 ng
RT: 13.733 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion: 65 Resp: 508286
Ion Ratio Lower Upper
65 100
92 74.0 57.0 85.6
138 124.9 91.1 136.7

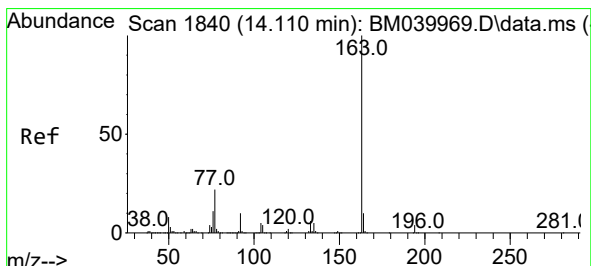
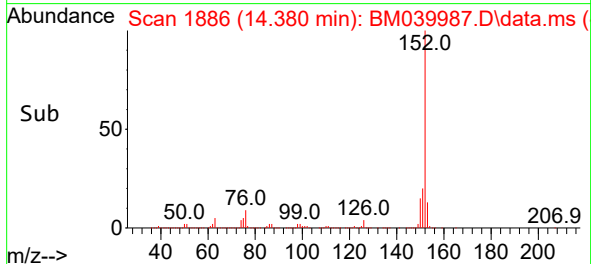
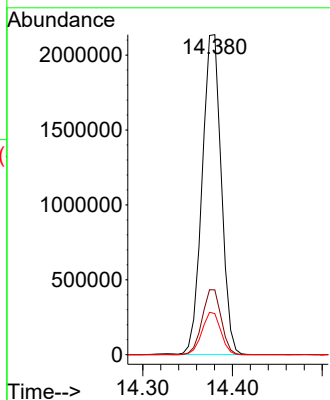
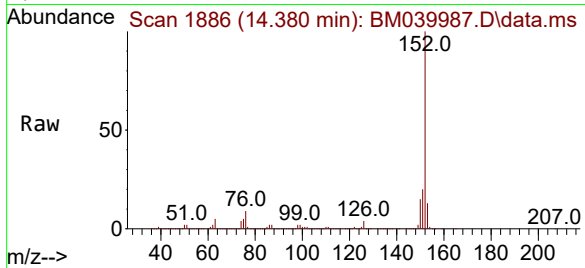




#49
Acenaphthylene
Concen: 46.038 ng
RT: 14.380 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

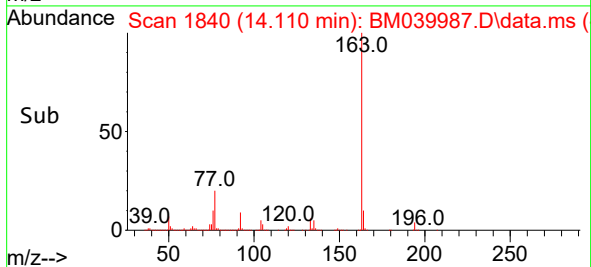
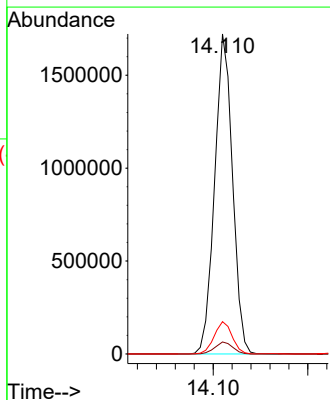
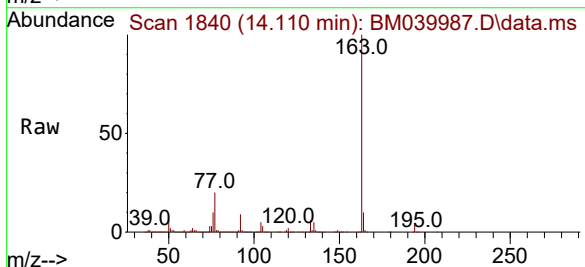
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

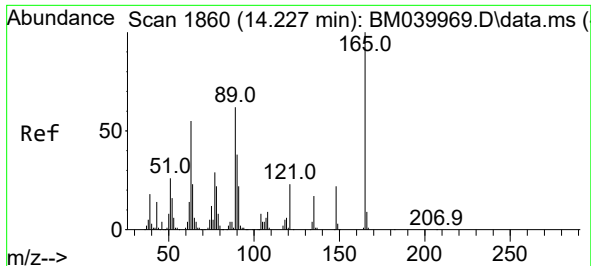
Tgt Ion:152 Resp: 3157058
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 12.9 10.3 15.5



#50
Dimethylphthalate
Concen: 43.744 ng
RT: 14.110 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:163 Resp: 2260302
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.644 ng

RT: 14.227 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

Instrument :

BNA_M

ClientSampleId :

MID2-44(10-11)MS

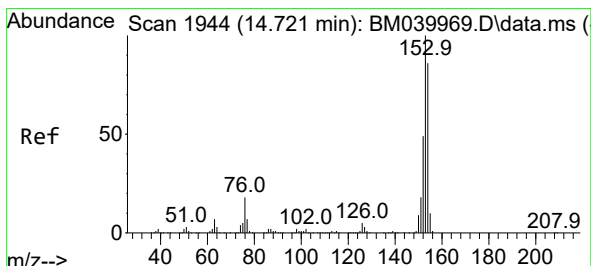
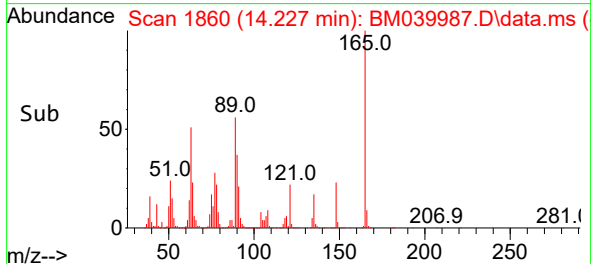
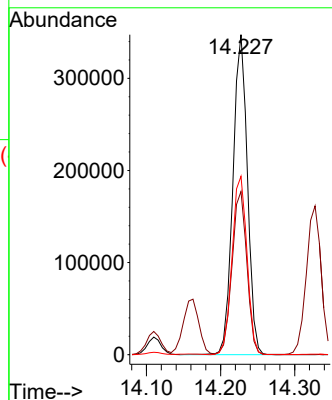
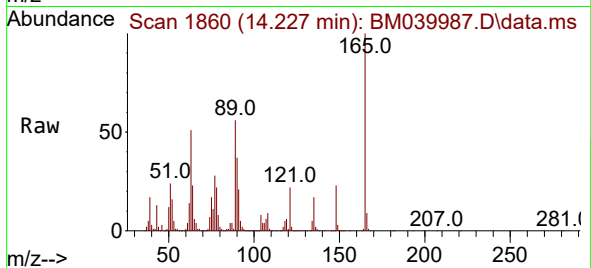
Tgt Ion:165 Resp: 470948

Ion Ratio Lower Upper

165 100

63 51.0 45.3 67.9

89 55.7 49.5 74.3



#52

Acenaphthene

Concen: 43.796 ng

RT: 14.716 min Scan# 1943

Delta R.T. -0.005 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

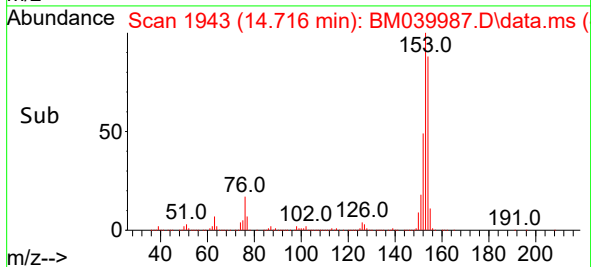
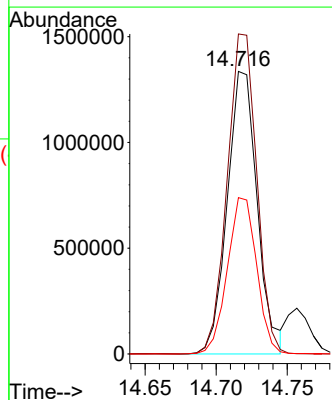
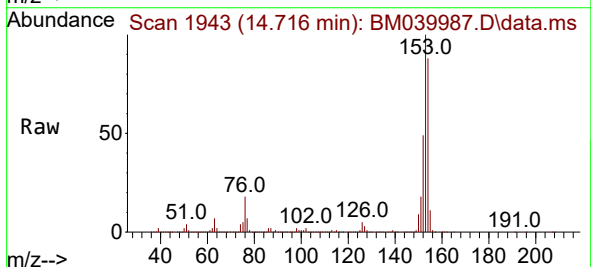
Tgt Ion:154 Resp: 1962356

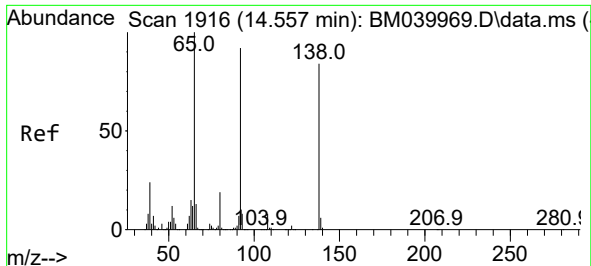
Ion Ratio Lower Upper

154 100

153 113.2 92.6 139.0

152 55.3 45.5 68.3

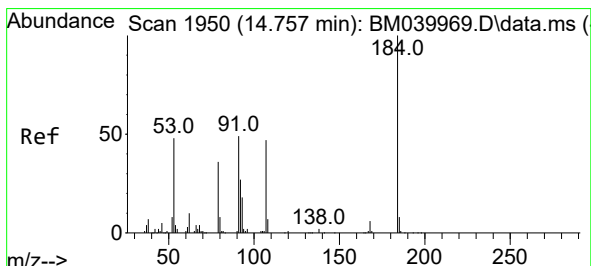
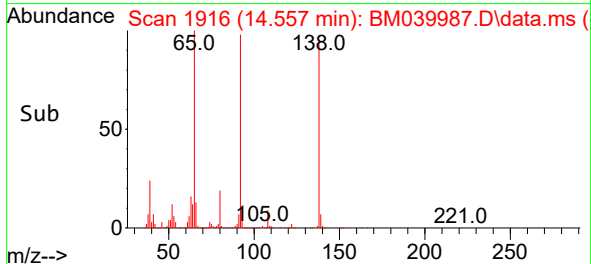
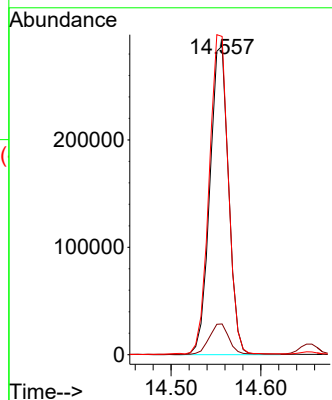
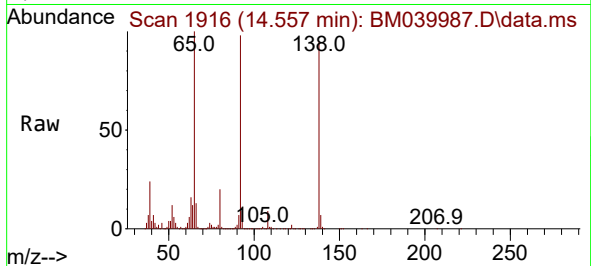




#53
3-Nitroaniline
Concen: 35.728 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

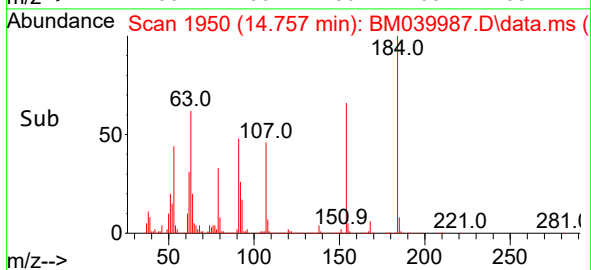
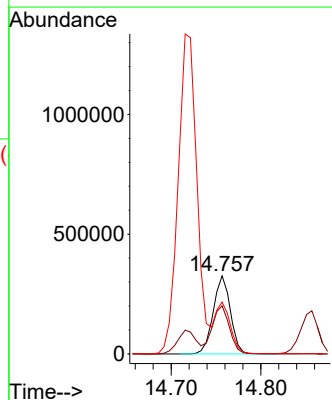
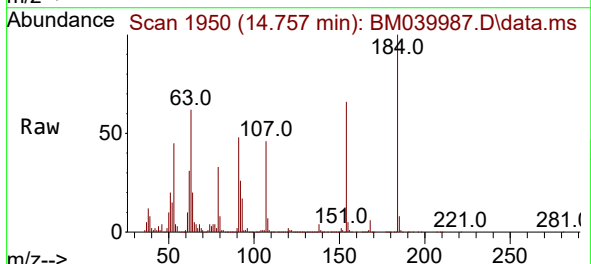
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

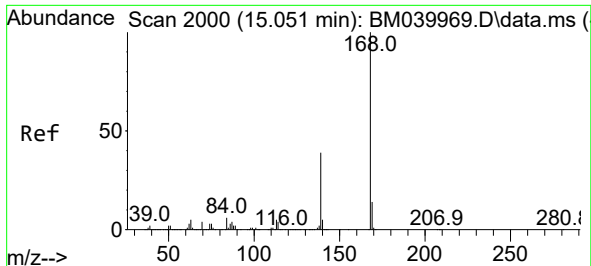
Tgt Ion:138 Resp: 417781
Ion Ratio Lower Upper
138 100
108 10.0 7.8 11.6
92 103.1 87.7 131.5



#54
2,4-Dinitrophenol
Concen: 78.731 ng
RT: 14.757 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:184 Resp: 432318
Ion Ratio Lower Upper
184 100
63 61.6 53.0 79.4
154 66.4 54.4 81.6

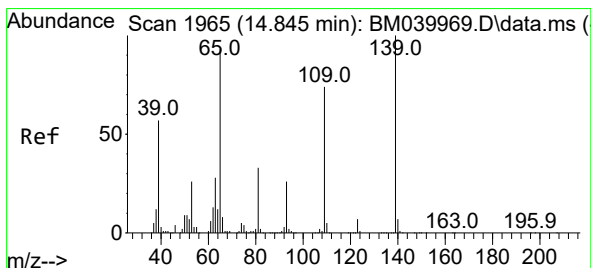
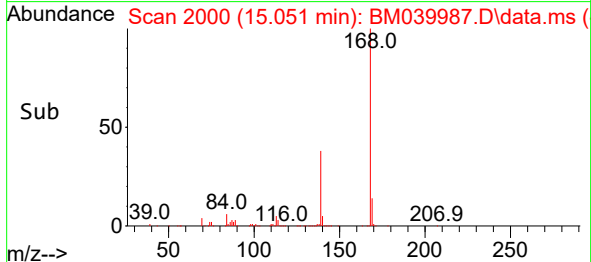
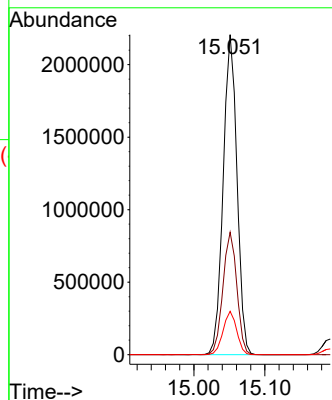
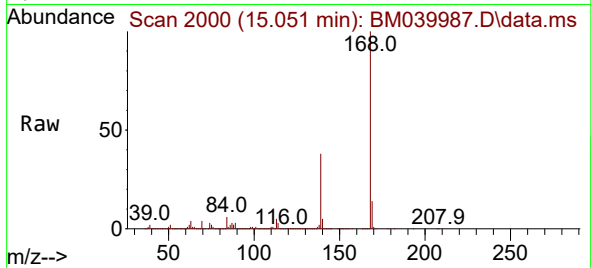




#55
Dibenzofuran
Concen: 44.789 ng
RT: 15.051 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

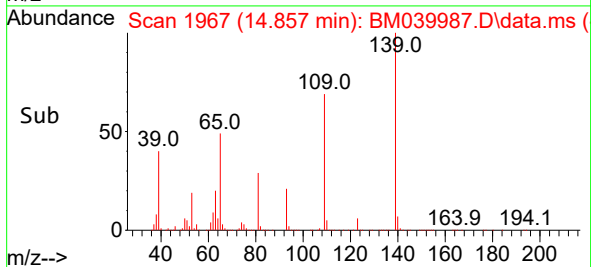
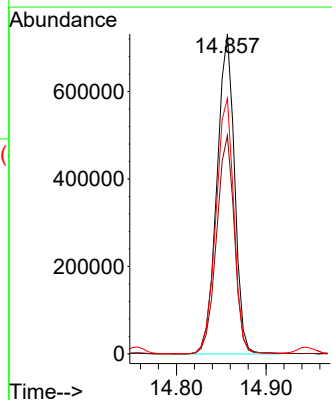
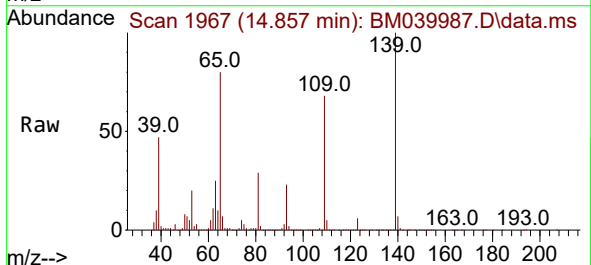
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

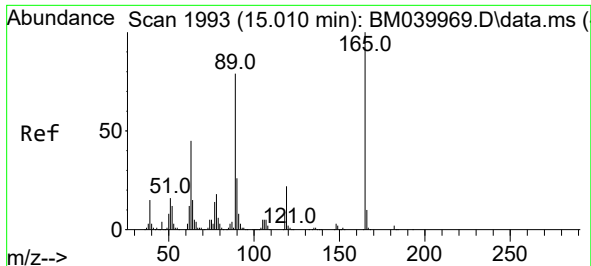
Tgt Ion:168 Resp: 2962536
Ion Ratio Lower Upper
168 100
139 38.2 31.5 47.3
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 110.453 ng
RT: 14.857 min Scan# 1967
Delta R.T. 0.012 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:139 Resp: 999093
Ion Ratio Lower Upper
139 100
109 68.3 53.9 93.9
65 79.9 72.6 112.6



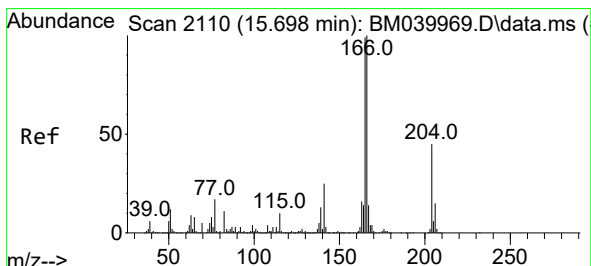
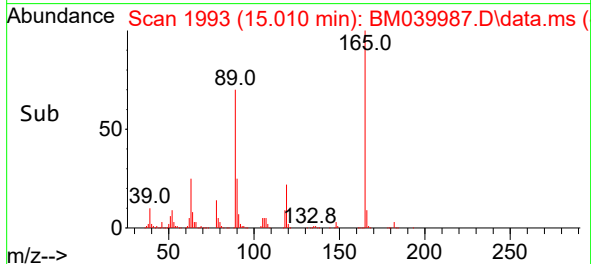
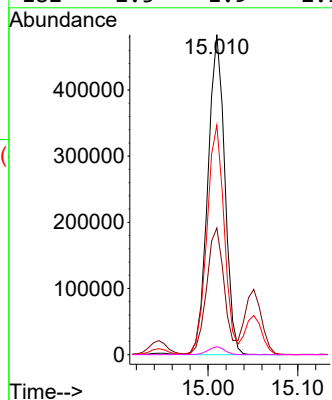
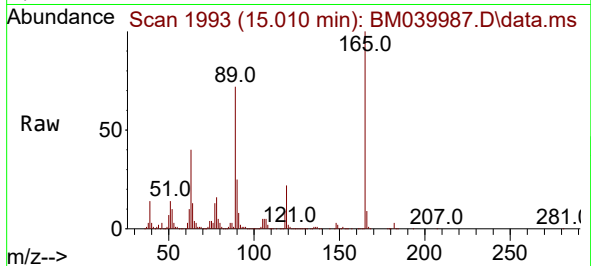


#57
2,4-Dinitrotoluene
Concen: 44.804 ng
RT: 15.010 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

Tgt Ion:165 Resp: 633809

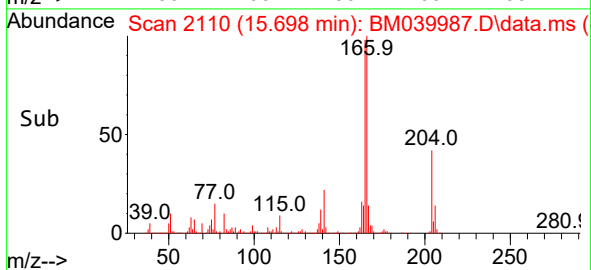
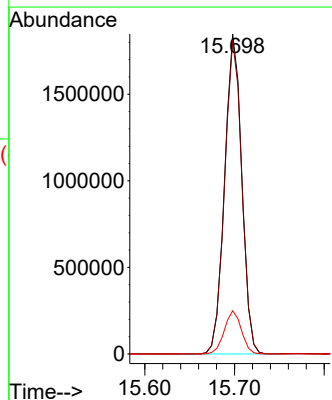
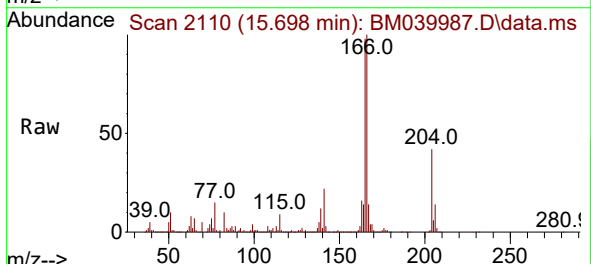
Ion	Ratio	Lower	Upper
165	100		
63	39.6	36.2	54.2
89	71.7	63.4	95.0
182	2.5	1.9	2.9

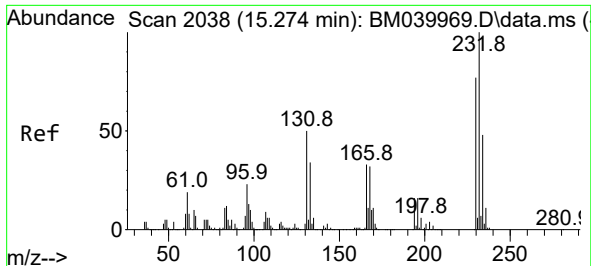


#58
Fluorene
Concen: 44.610 ng
RT: 15.698 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:166 Resp: 2452906

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.5	119.3
167	13.5	11.0	16.6

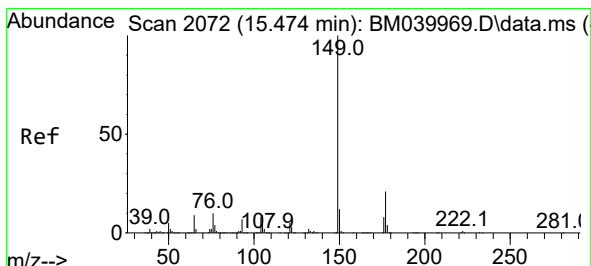
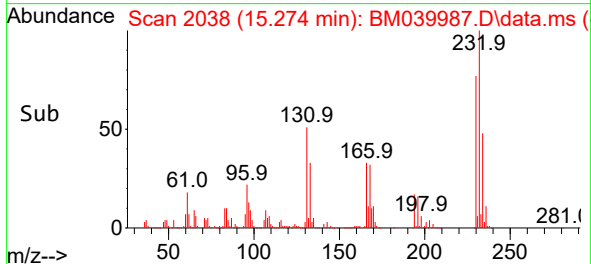
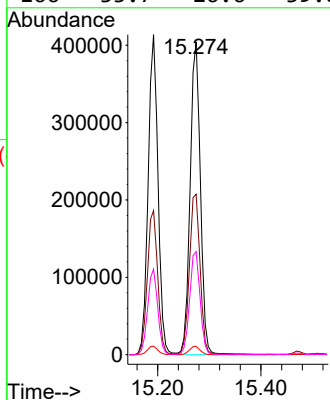
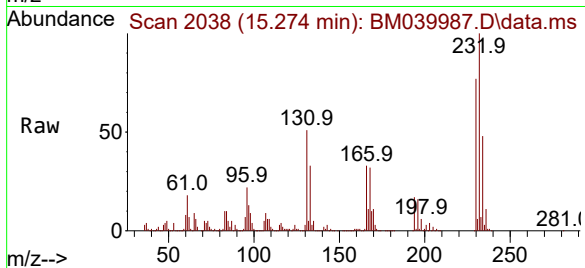




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.740 ng
RT: 15.274 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

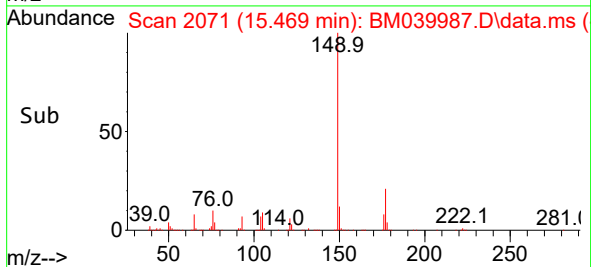
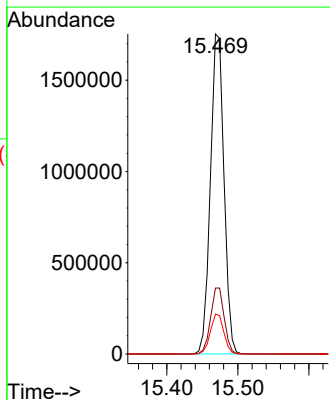
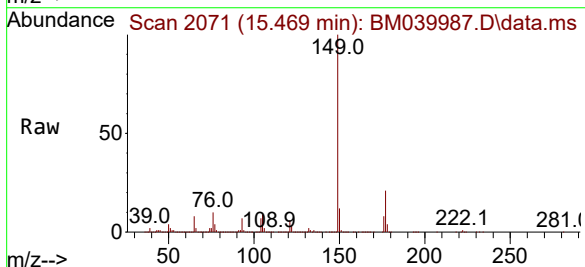
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

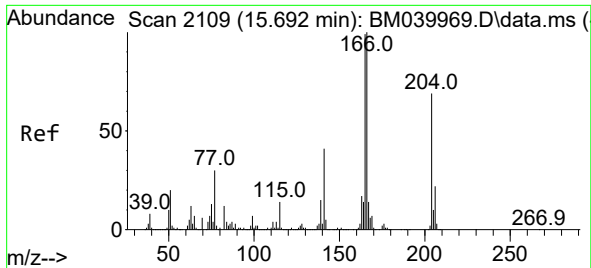
Tgt Ion:232 Resp: 556048
Ion Ratio Lower Upper
232 100
131 53.4 42.8 64.2
130 2.8 2.3 3.5
166 33.7 26.6 39.8



#60
Diethylphthalate
Concen: 45.687 ng
RT: 15.469 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:149 Resp: 2333402
Ion Ratio Lower Upper
149 100
177 20.6 16.8 25.2
150 12.4 9.5 14.3

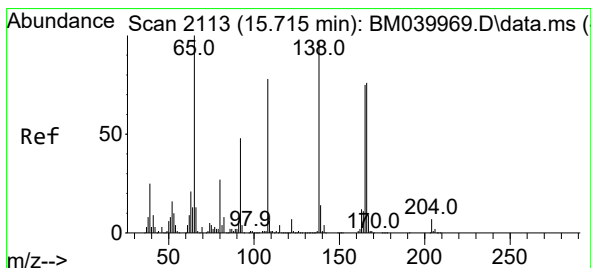
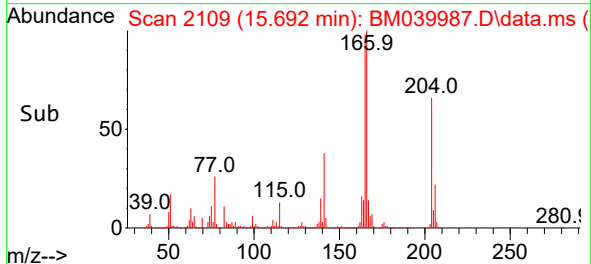
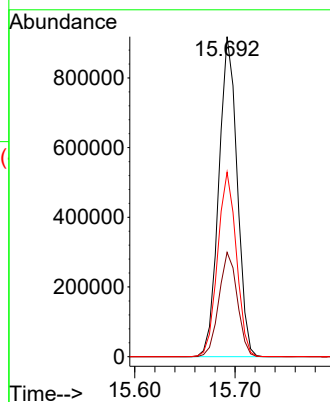
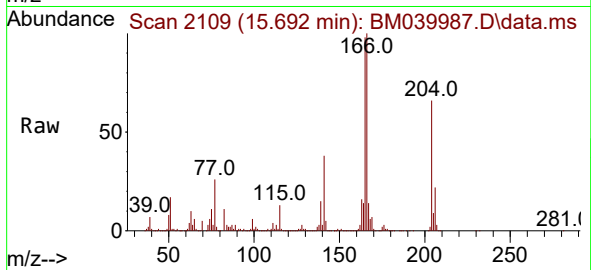




#61
4-Chlorophenyl-phenylether
Concen: 43.354 ng
RT: 15.692 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

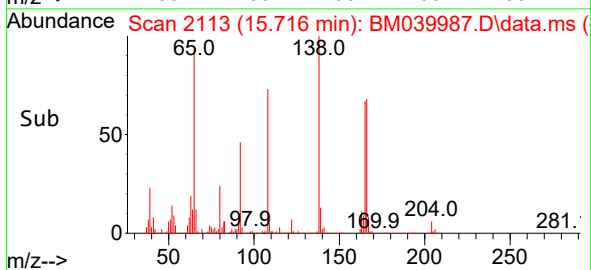
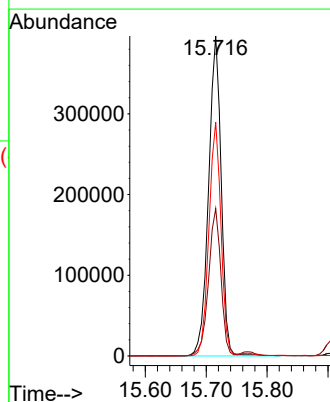
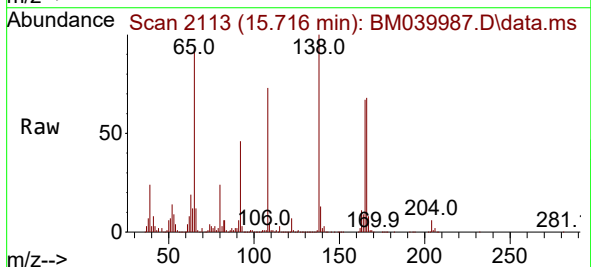
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

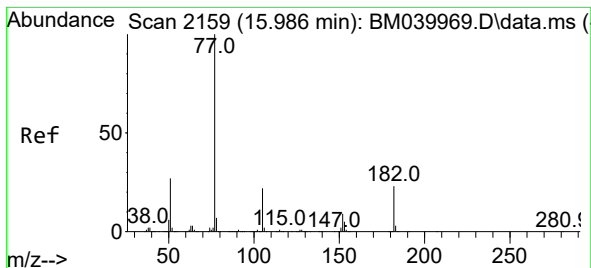
Tgt Ion:204 Resp: 1166292
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 57.6 46.9 70.3



#62
4-Nitroaniline
Concen: 46.956 ng
RT: 15.716 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:138 Resp: 571831
Ion Ratio Lower Upper
138 100
92 46.0 29.1 69.1
108 73.1 60.0 100.0



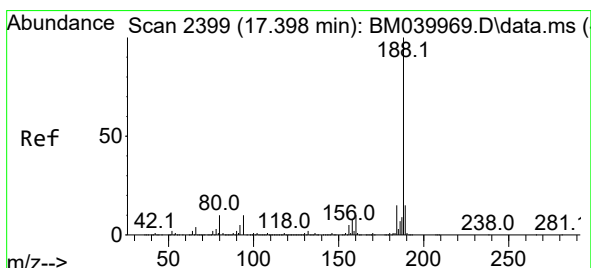
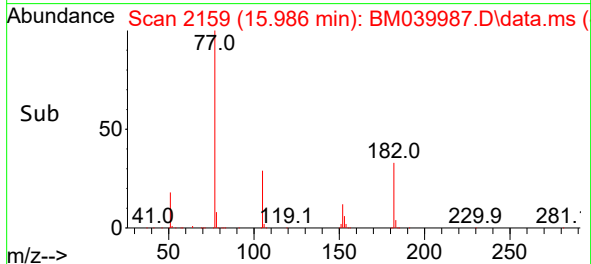
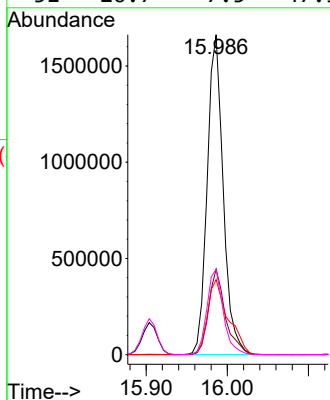
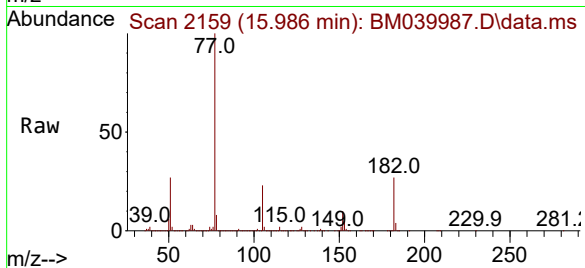


#63
Azobenzene
Concen: 44.541 ng
RT: 15.986 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

Tgt Ion: 77 Resp: 2268045

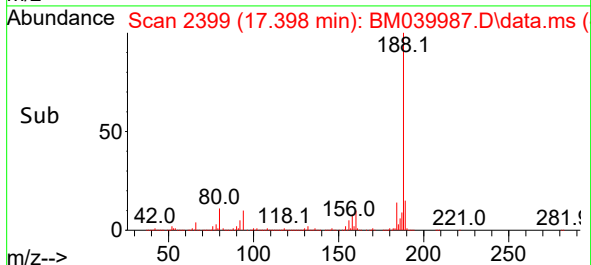
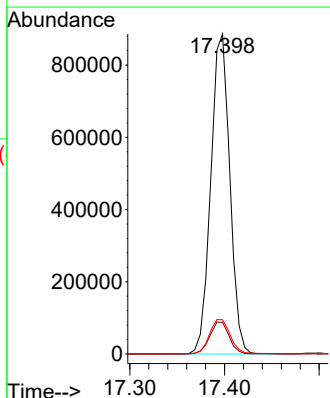
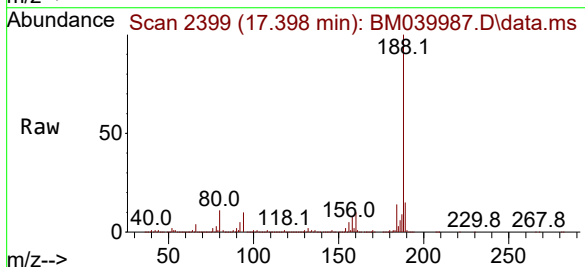
Ion	Ratio	Lower	Upper
77	100		
182	26.7	2.9	42.9
105	23.5	1.5	41.5
51	26.7	7.5	47.5

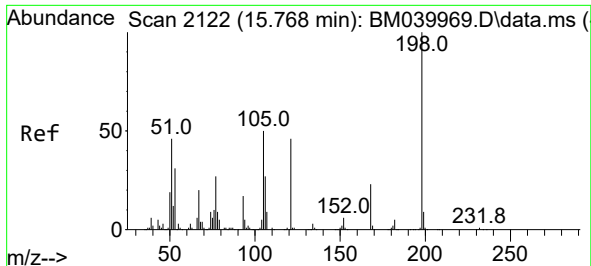


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.398 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion: 188 Resp: 1232260

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.8
80	10.7	8.2	12.4

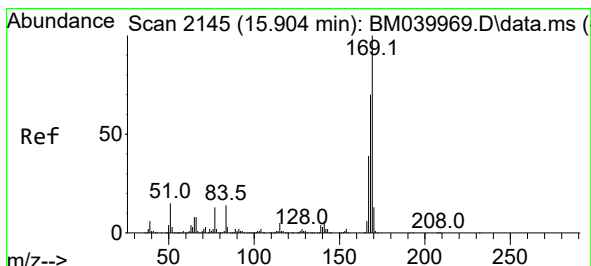
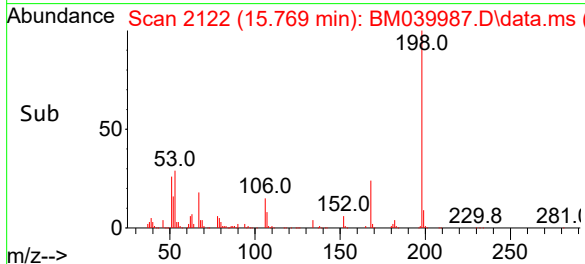
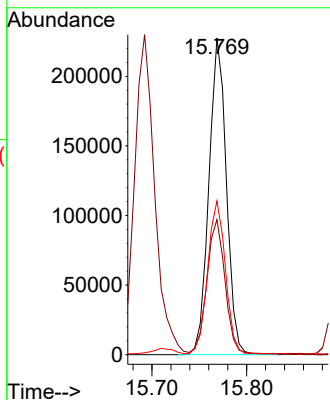
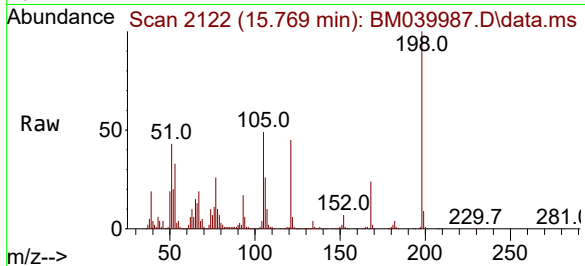




#65
4,6-Dinitro-2-methylphenol
Concen: 43.841 ng
RT: 15.769 min Scan# 2122
Delta R.T. 0.001 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

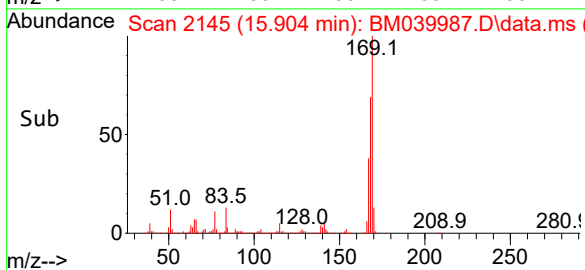
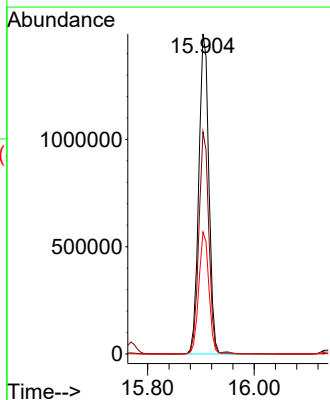
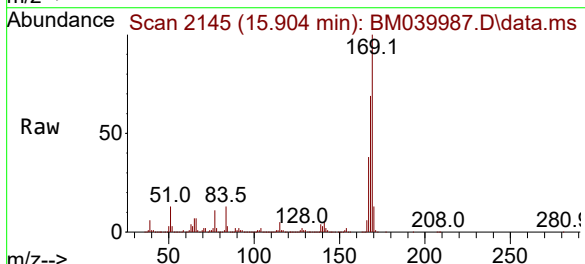
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

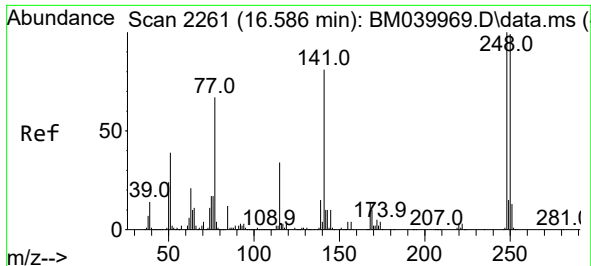
Tgt Ion:198 Resp: 292249
Ion Ratio Lower Upper
198 100
51 42.7 29.9 69.9
105 48.6 30.4 70.4



#66
n-Nitrosodiphenylamine
Concen: 46.113 ng
RT: 15.904 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:169 Resp: 1954121
Ion Ratio Lower Upper
169 100
168 69.4 56.0 84.0
167 38.1 31.0 46.6

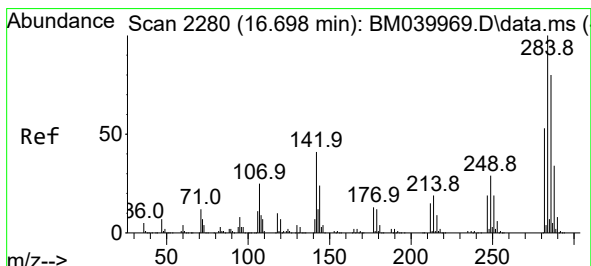
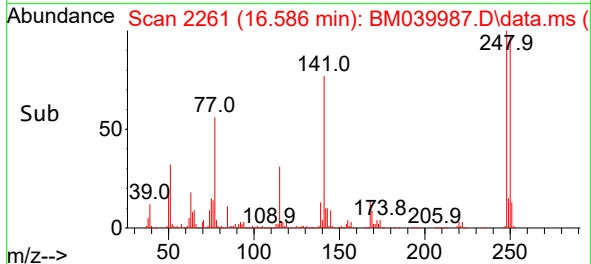
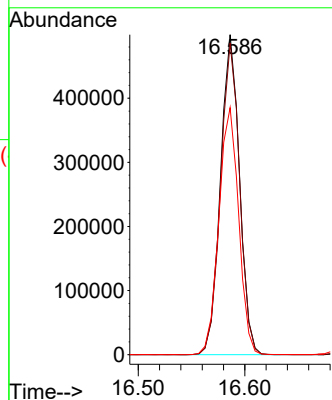
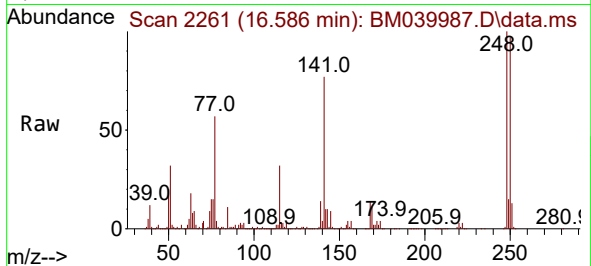




#67
4-Bromophenyl-phenylether
Concen: 45.402 ng
RT: 16.586 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

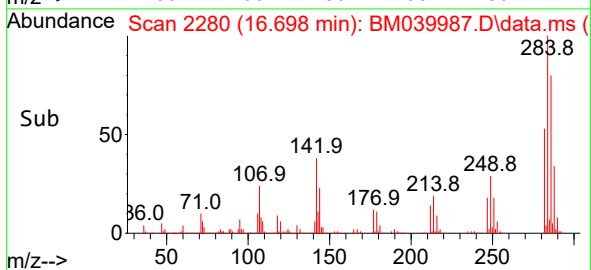
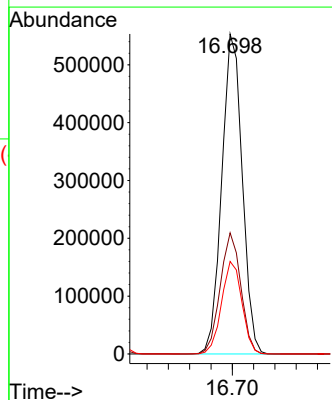
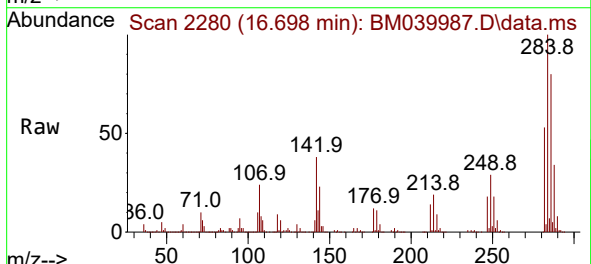
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

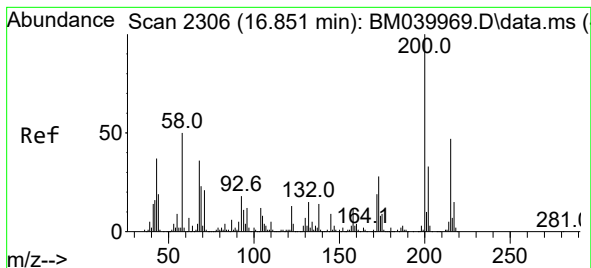
Tgt Ion:248 Resp: 618184
Ion Ratio Lower Upper
248 100
250 97.4 79.4 119.0
141 77.2 64.8 97.2



#68
Hexachlorobenzene
Concen: 47.335 ng
RT: 16.698 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:284 Resp: 736533
Ion Ratio Lower Upper
284 100
142 37.9 32.4 48.6
249 28.9 23.4 35.2





#69

Atrazine

Concen: 57.298 ng

RT: 16.857 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

Instrument :

BNA_M

ClientSampleId :

MID2-44(10-11)MS

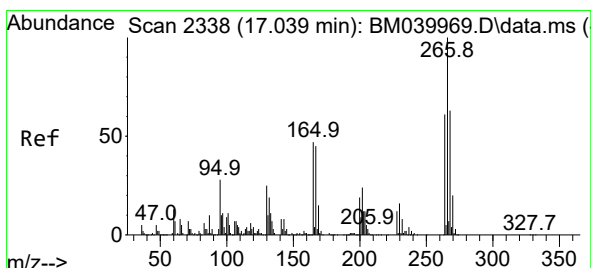
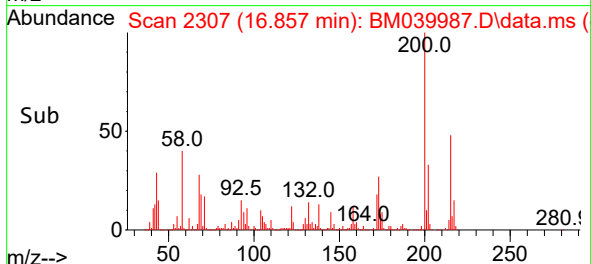
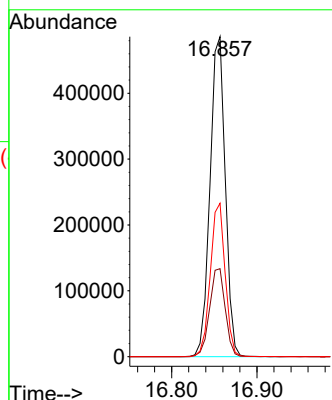
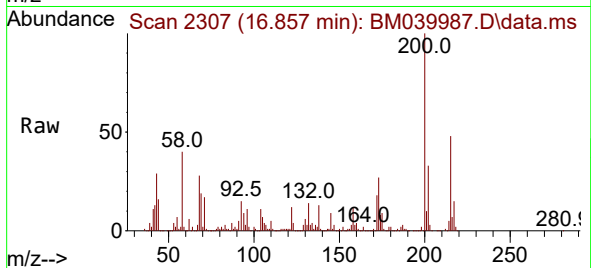
Tgt Ion:200 Resp: 603964

Ion Ratio Lower Upper

200 100

173 27.5 7.7 47.7

215 47.9 27.5 67.5



#70

Pentachlorophenol

Concen: 96.220 ng

RT: 17.045 min Scan# 2339

Delta R.T. 0.006 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

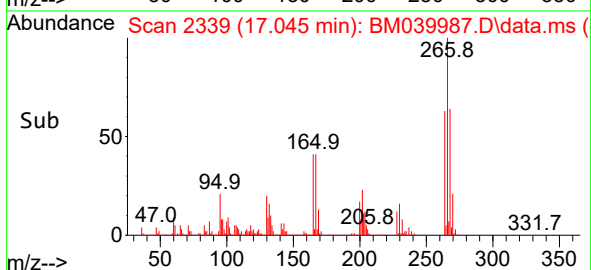
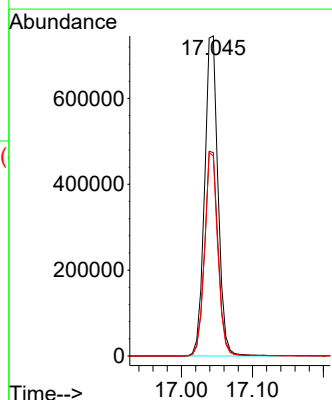
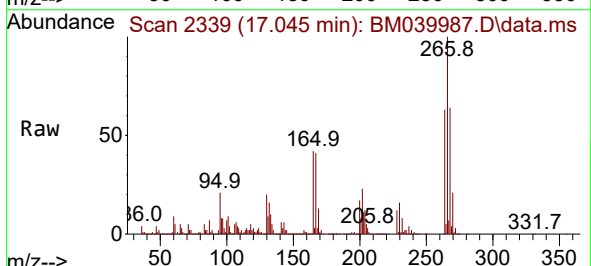
Tgt Ion:266 Resp: 982843

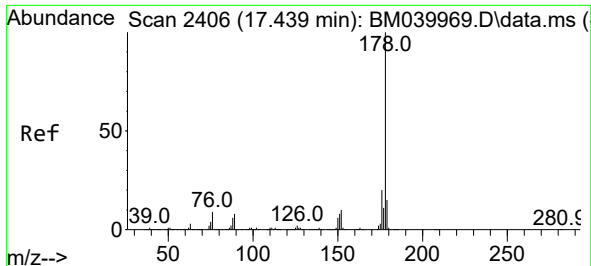
Ion Ratio Lower Upper

266 100

268 63.6 50.2 75.4

264 62.5 49.0 73.6

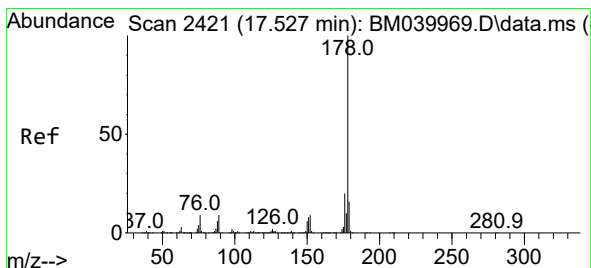
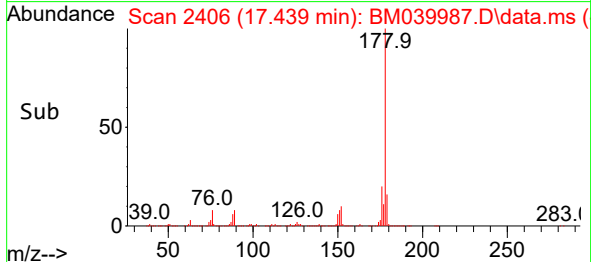
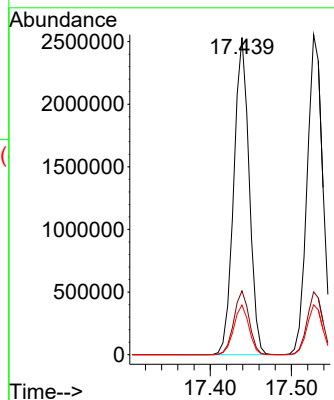
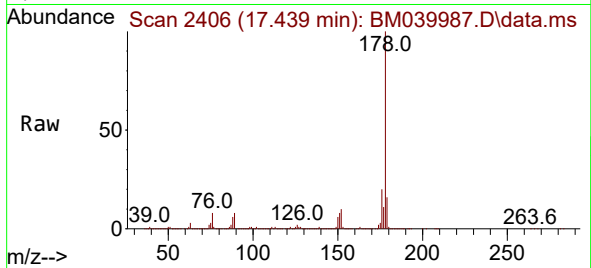




#71
Phenanthrene
Concen: 45.022 ng
RT: 17.439 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

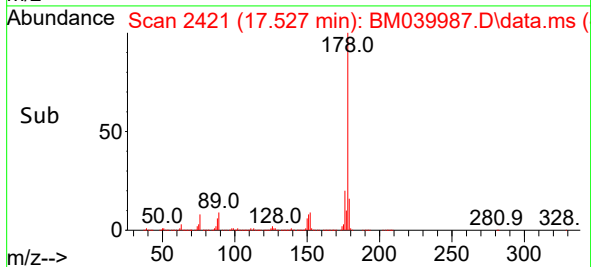
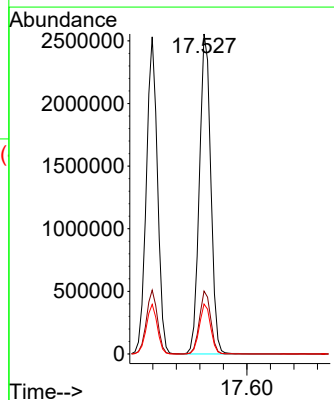
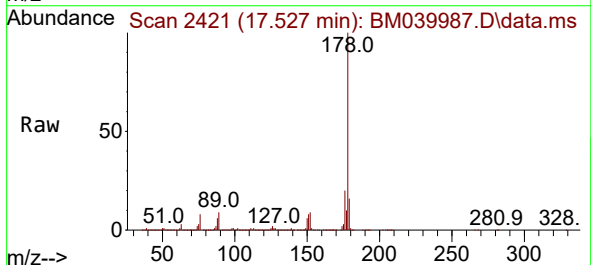
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

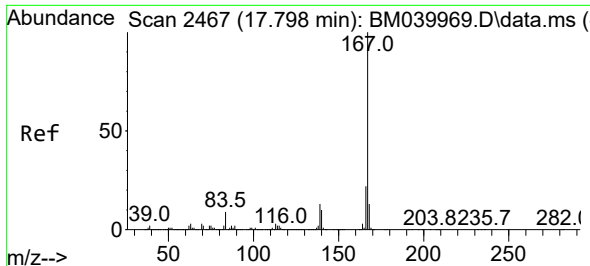
Tgt Ion:178 Resp: 3318413
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 15.6 12.2 18.4



#72
Anthracene
Concen: 46.896 ng
RT: 17.527 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:178 Resp: 3424744
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.6 12.5 18.7

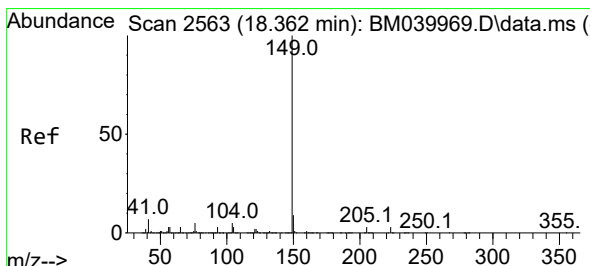
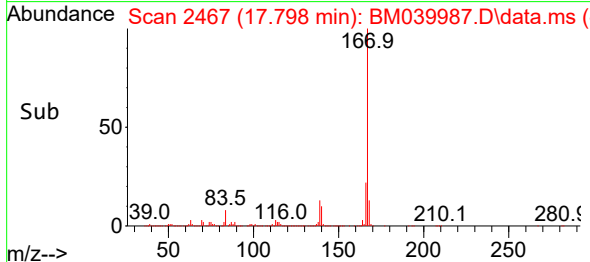
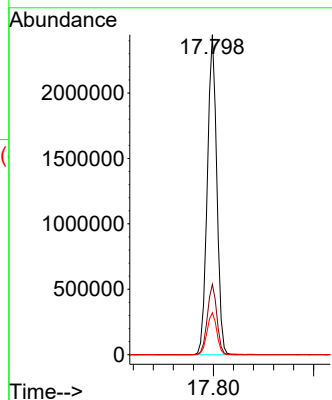
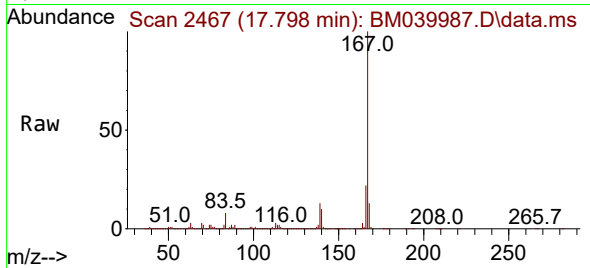




#73
 Carbazole
 Concen: 48.683 ng
 RT: 17.798 min Scan# 2467
 Delta R.T. 0.000 min
 Lab File: BM039987.D
 Acq: 24 May 2023 16:59

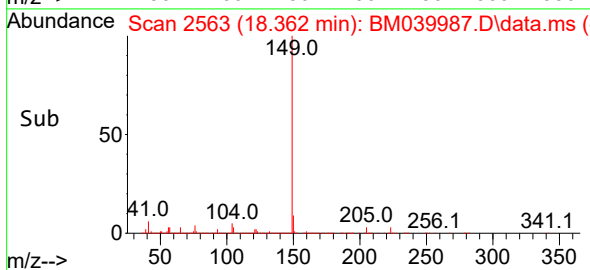
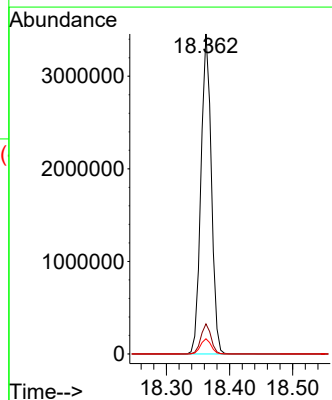
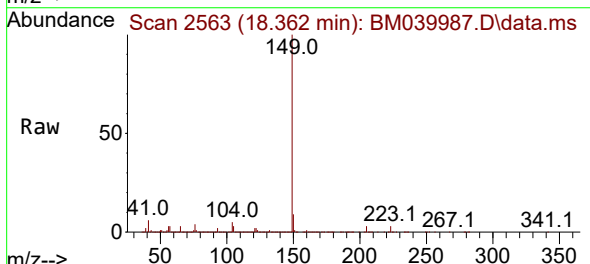
Instrument :
 BNA_M
 ClientSampleId :
 MID2-44(10-11)MS

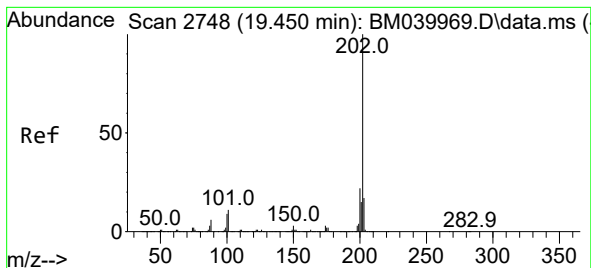
Tgt Ion:167 Resp: 3212049
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 13.1 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 46.775 ng
 RT: 18.362 min Scan# 2563
 Delta R.T. 0.000 min
 Lab File: BM039987.D
 Acq: 24 May 2023 16:59

Tgt Ion:149 Resp: 3936992
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.7 4.2 6.2





#75

Fluoranthene

Concen: 47.384 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

Instrument :

BNA_M

ClientSampleId :

MID2-44(10-11)MS

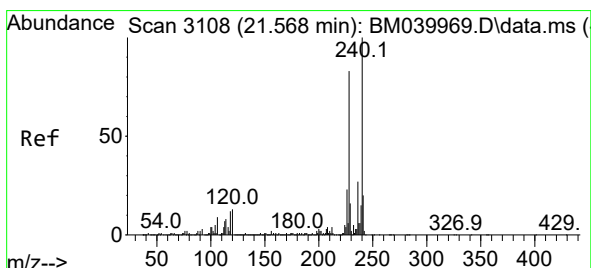
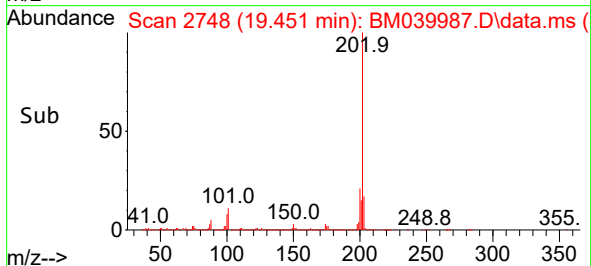
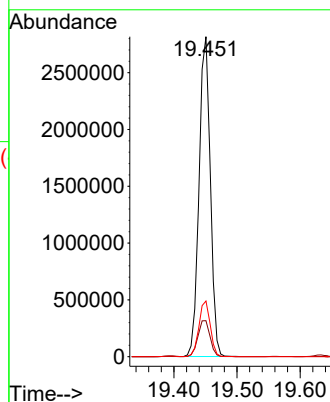
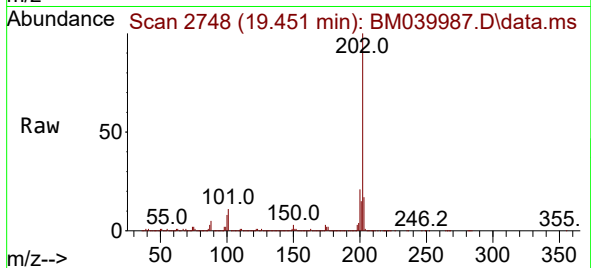
Tgt Ion:202 Resp: 3480938

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3109

Delta R.T. 0.006 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

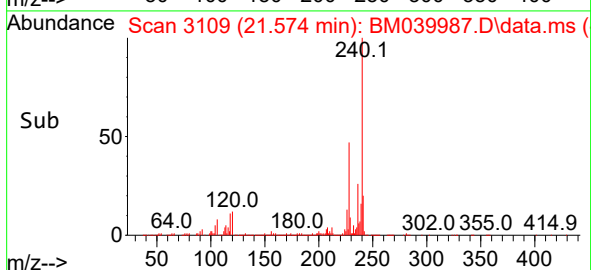
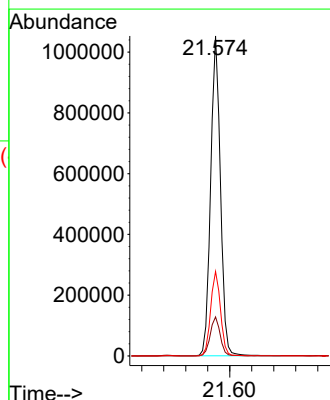
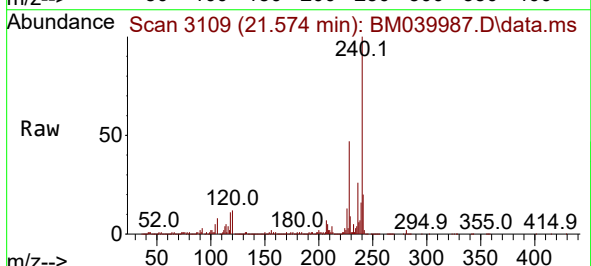
Tgt Ion:240 Resp: 1294617

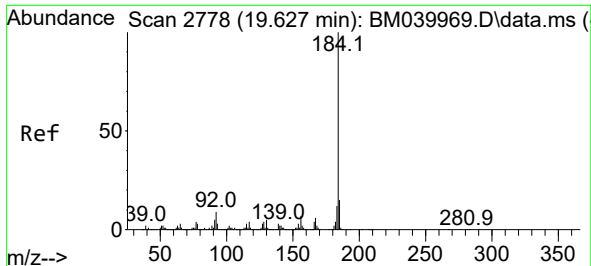
Ion Ratio Lower Upper

240 100

120 12.2 10.1 15.1

236 26.4 21.3 31.9

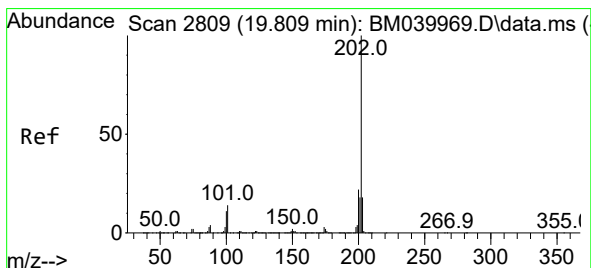
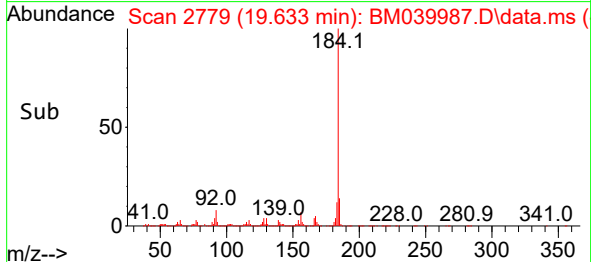
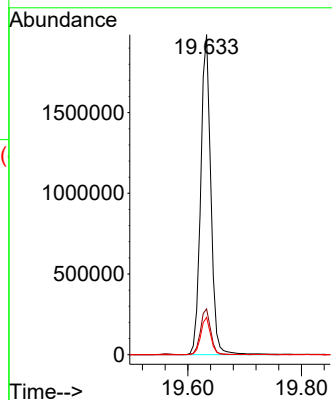
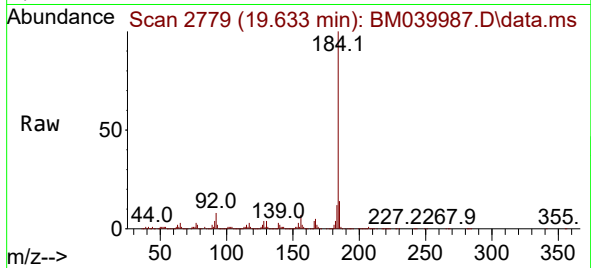




#77
Benzidine
Concen: 122.234 ng
RT: 19.633 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

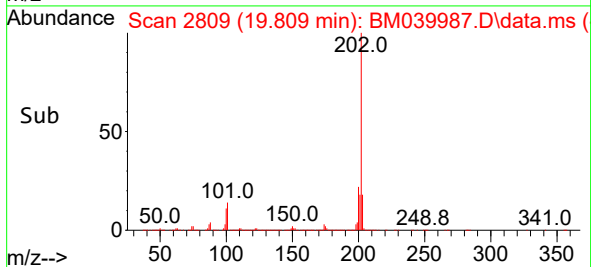
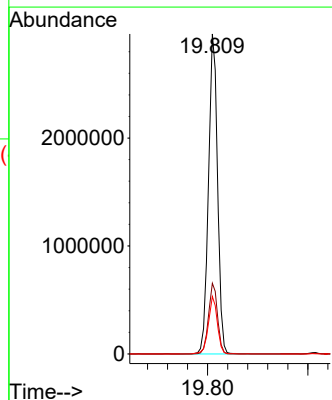
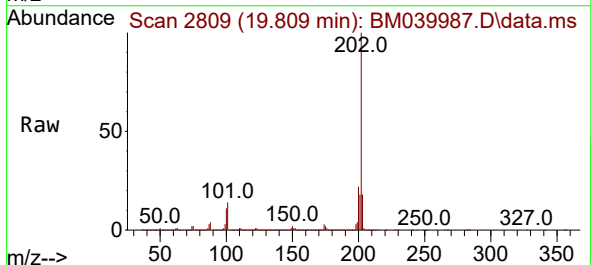
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

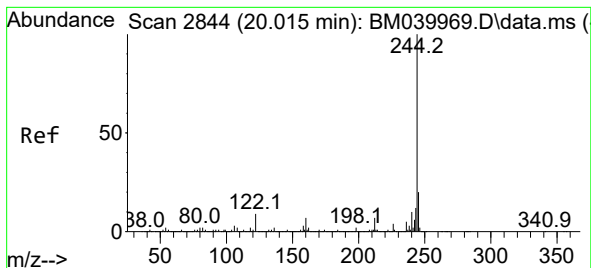
Tgt Ion:184 Resp: 2457399
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.6 9.2 13.8



#78
Pyrene
Concen: 39.209 ng
RT: 19.809 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:202 Resp: 3724807
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 51.453 ng

RT: 20.015 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

Instrument :

BNA_M

ClientSampleId :

MID2-44(10-11)MS

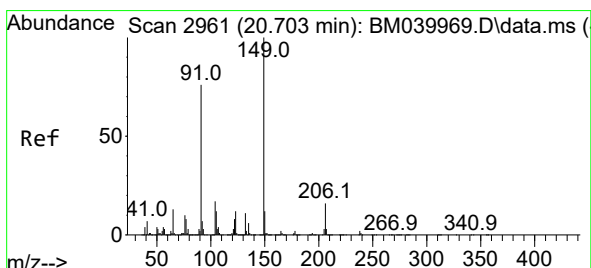
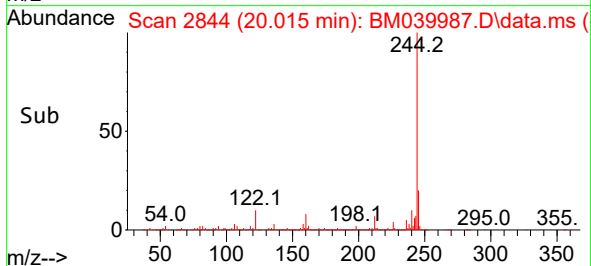
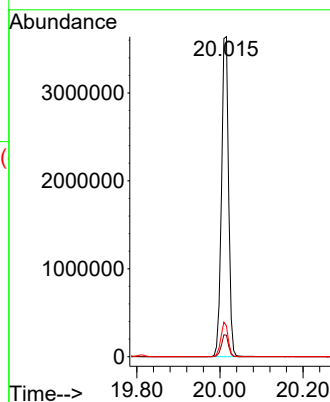
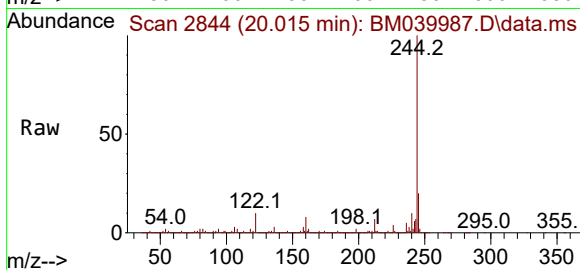
Tgt Ion:244 Resp: 4290039

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 9.6 7.1 10.7



#80

Butylbenzylphthalate

Concen: 46.983 ng

RT: 20.709 min Scan# 2962

Delta R.T. 0.006 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

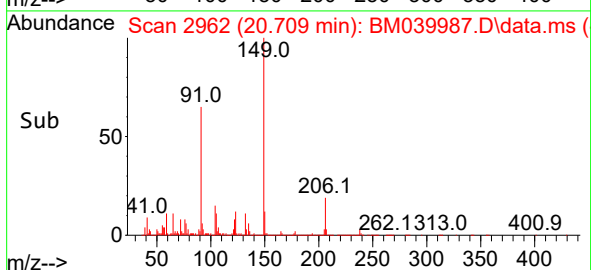
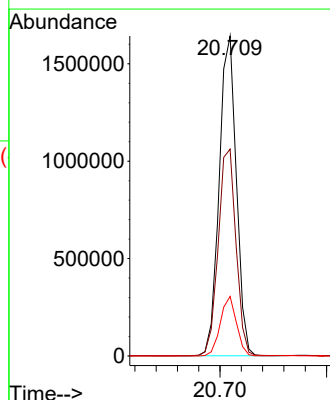
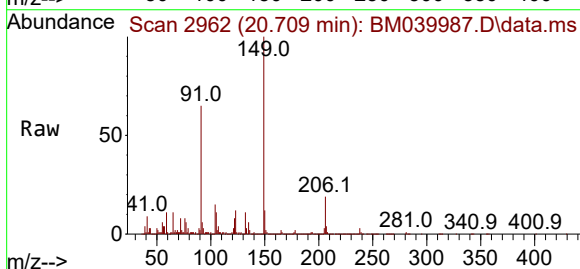
Tgt Ion:149 Resp: 1831020

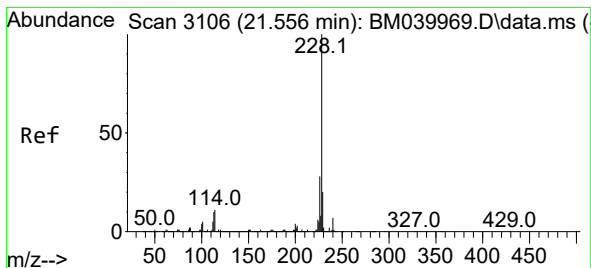
Ion Ratio Lower Upper

149 100

91 64.6 61.0 91.4

206 18.6 12.7 19.1





#81

Benzo(a)anthracene

Concen: 42.687 ng

RT: 21.556 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

Instrument :

BNA_M

ClientSampleId :

MID2-44(10-11)MS

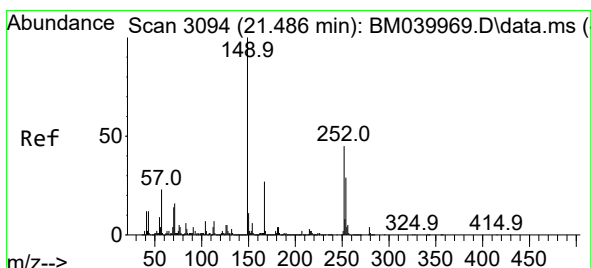
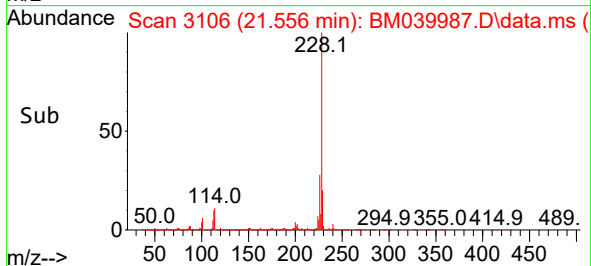
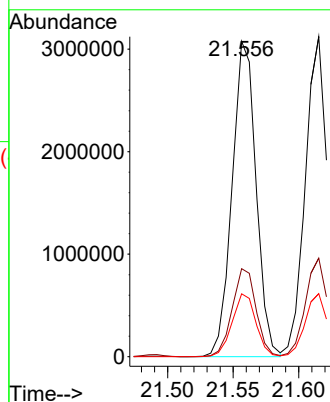
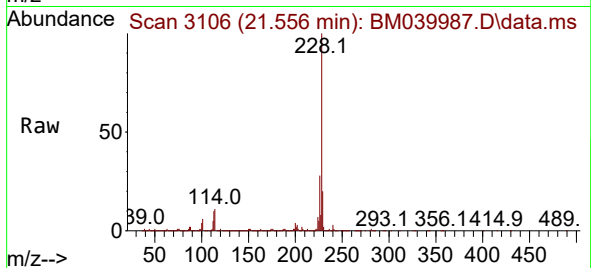
Tgt Ion:228 Resp: 3912149

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.4

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 52.862 ng

RT: 21.492 min Scan# 3095

Delta R.T. 0.006 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

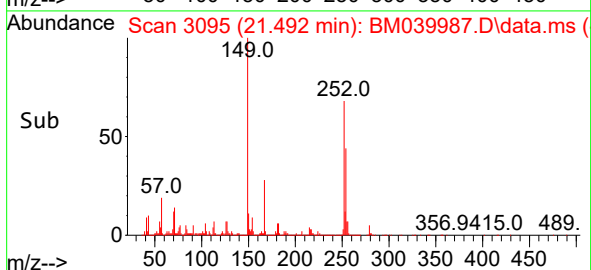
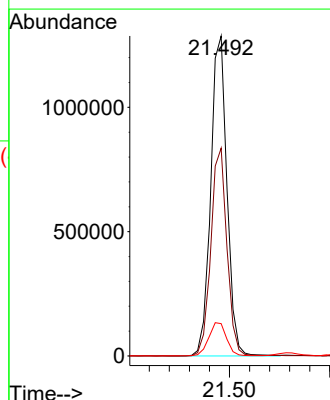
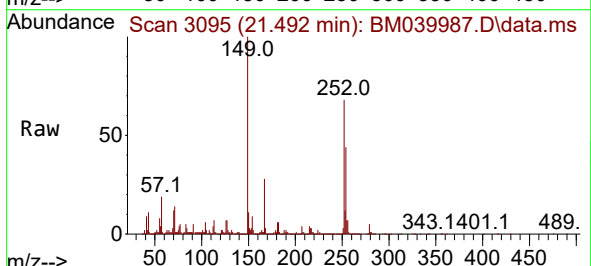
Tgt Ion:252 Resp: 1447208

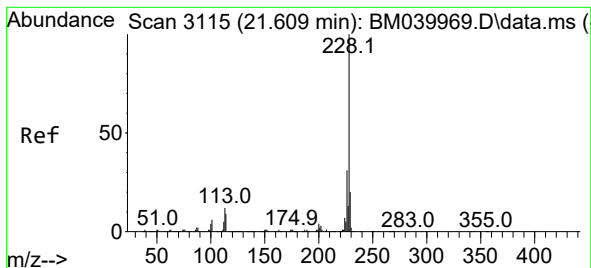
Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.6

126 10.1 8.7 13.1





#83

Chrysene

Concen: 41.810 ng

RT: 21.615 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

Instrument :

BNA_M

ClientSampleId :

MID2-44(10-11)MS

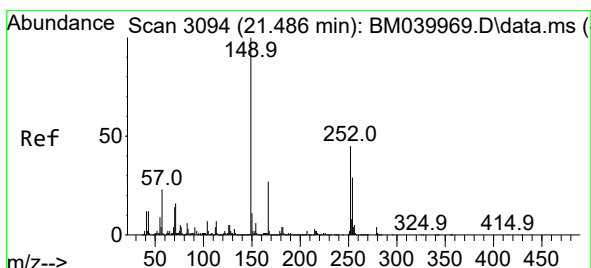
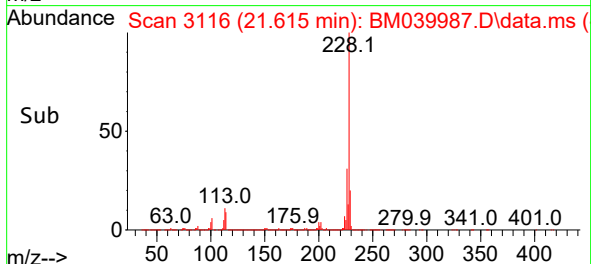
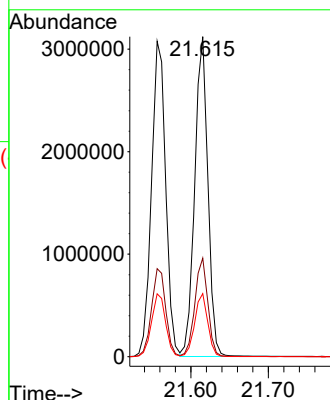
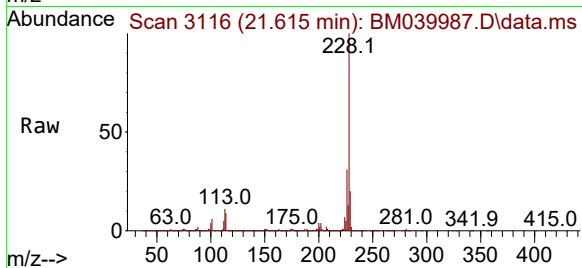
Tgt Ion:228 Resp: 3676531

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.926 ng

RT: 21.486 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

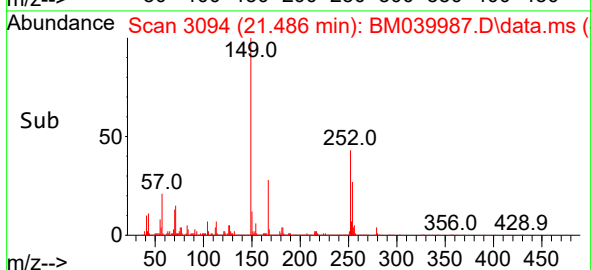
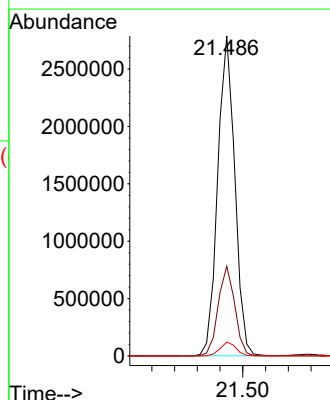
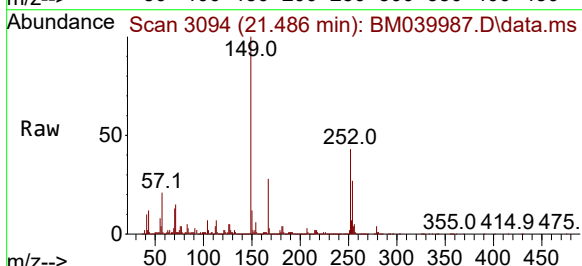
Tgt Ion:149 Resp: 2915763

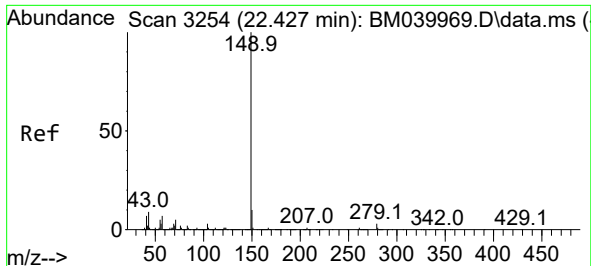
Ion Ratio Lower Upper

149 100

167 28.0 21.4 32.2

279 4.4 3.3 4.9

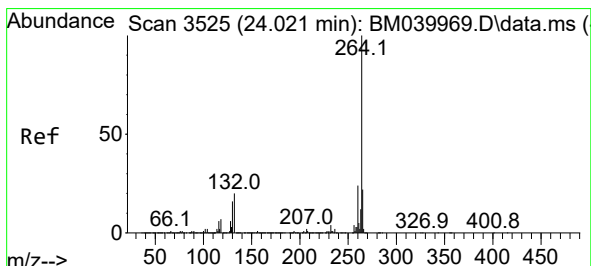
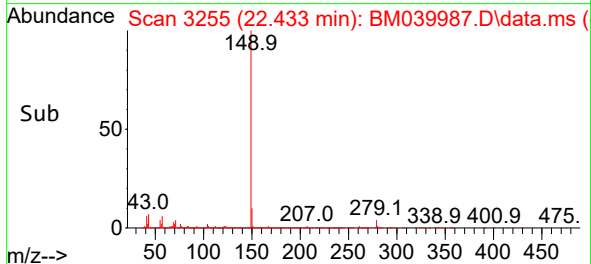
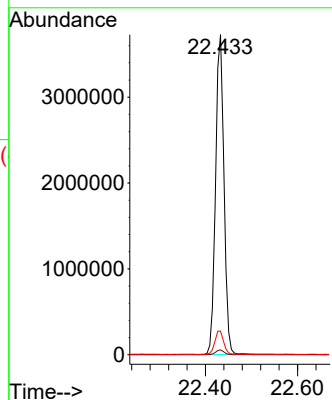
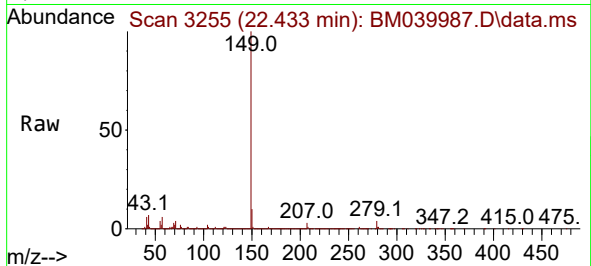




#85
Di-n-octyl phthalate
Concen: 49.115 ng
RT: 22.433 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

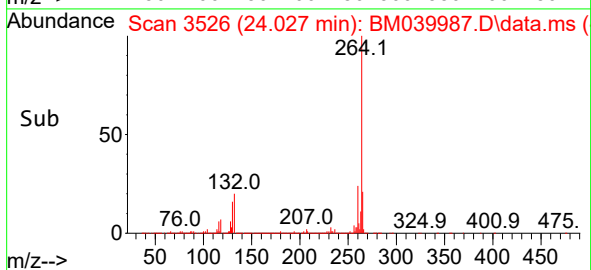
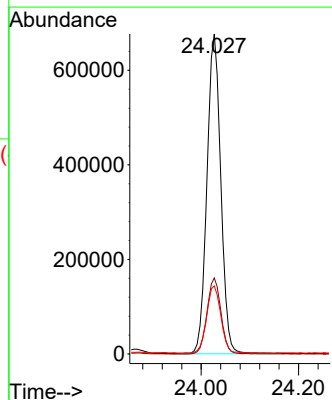
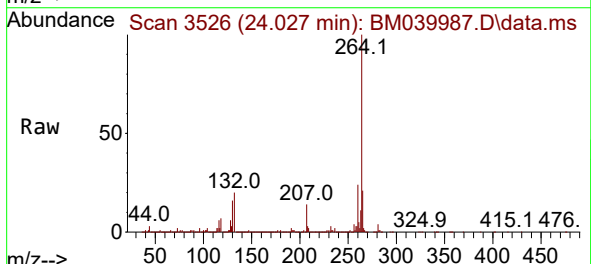
Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MS

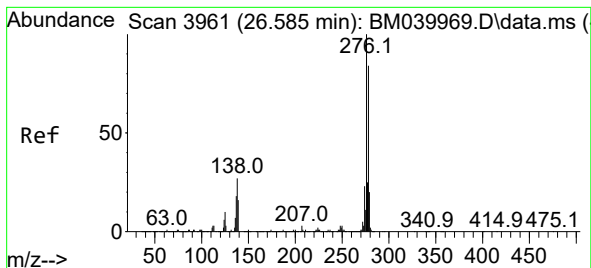
Tgt Ion:149 Resp: 4711714
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 7.7 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BM039987.D
Acq: 24 May 2023 16:59

Tgt Ion:264 Resp: 1327482
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.149 ng

RT: 26.591 min Scan# 3962

Delta R.T. 0.006 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

Instrument :

BNA_M

ClientSampleId :

MID2-44(10-11)MS

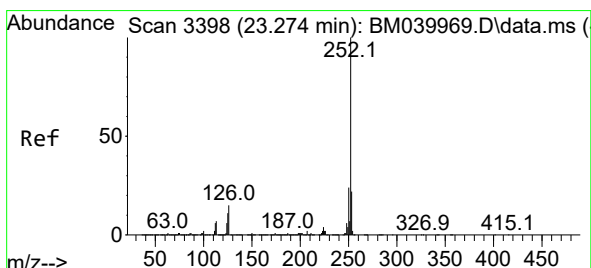
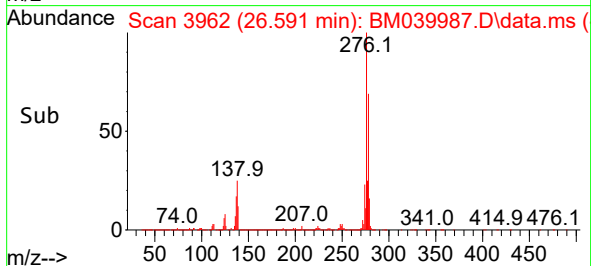
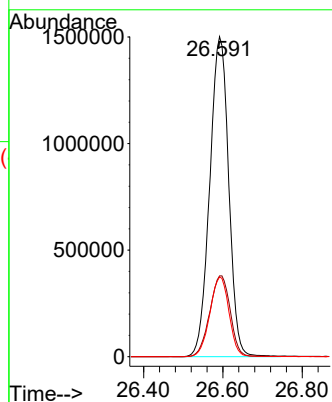
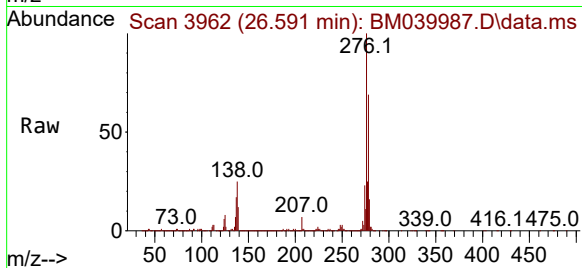
Tgt Ion:276 Resp: 4977345

Ion Ratio Lower Upper

276 100

138 27.3 23.2 34.8

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 46.953 ng

RT: 23.280 min Scan# 3399

Delta R.T. 0.006 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

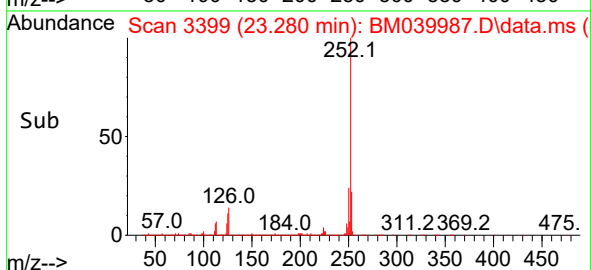
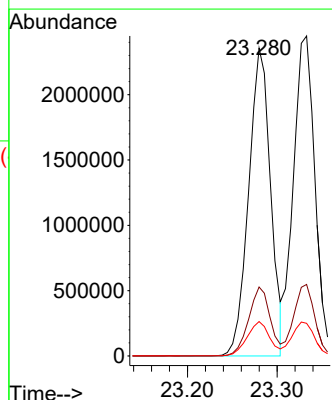
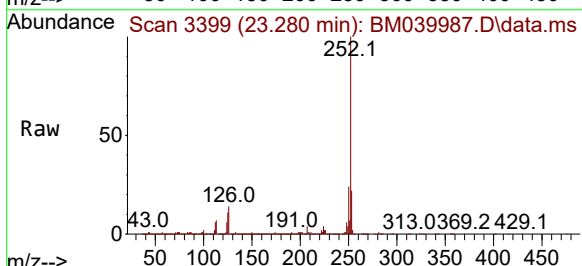
Tgt Ion:252 Resp: 3990598

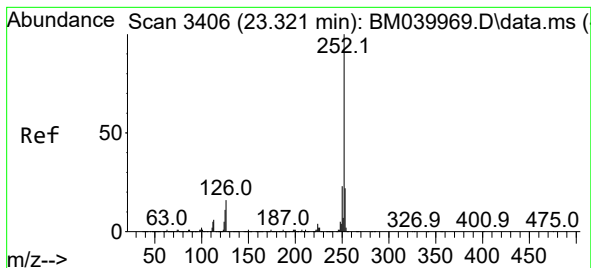
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 11.2 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 44.020 ng

RT: 23.333 min Scan# 34

Delta R.T. 0.012 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

Instrument :

BNA_M

ClientSampleId :

MID2-44(10-11)MS

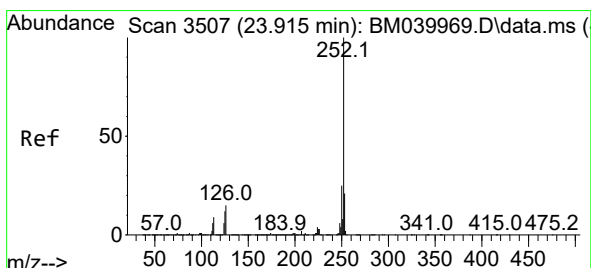
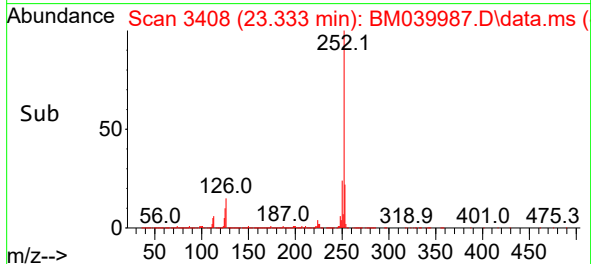
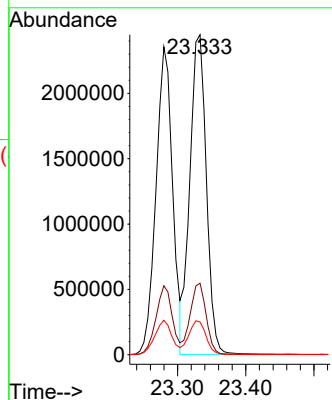
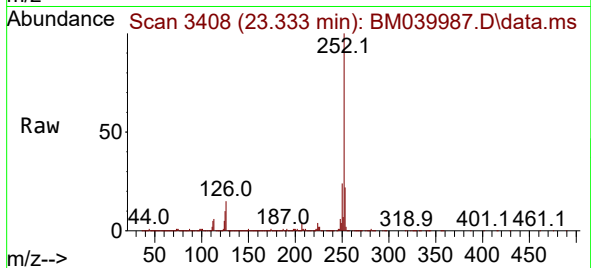
Tgt Ion:252 Resp: 4091035

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 10.2 9.0 13.4



#90

Benzo(a)pyrene

Concen: 42.073 ng

RT: 23.921 min Scan# 3508

Delta R.T. 0.006 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

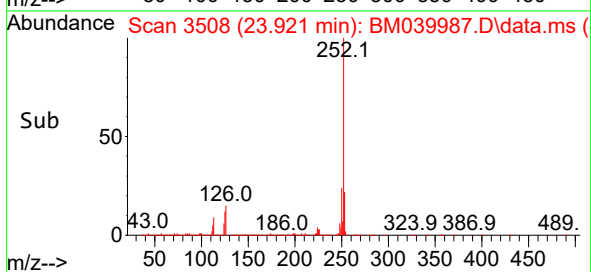
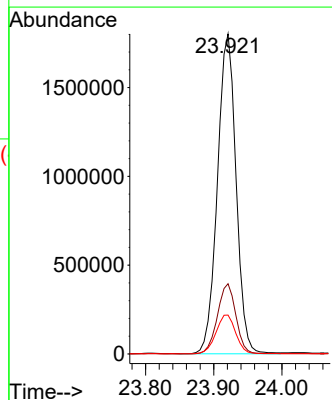
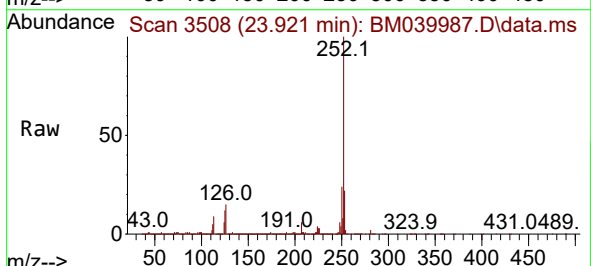
Tgt Ion:252 Resp: 3429250

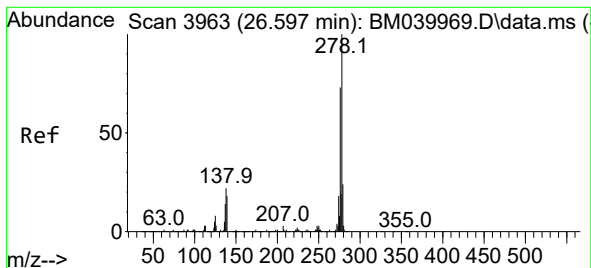
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 12.1 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 46.814 ng

RT: 26.609 min Scan# 3965

Delta R.T. 0.012 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

Instrument :

BNA_M

ClientSampleId :

MID2-44(10-11)MS

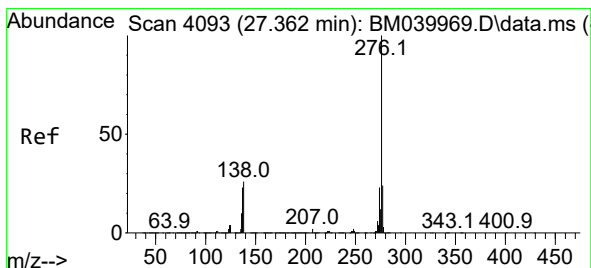
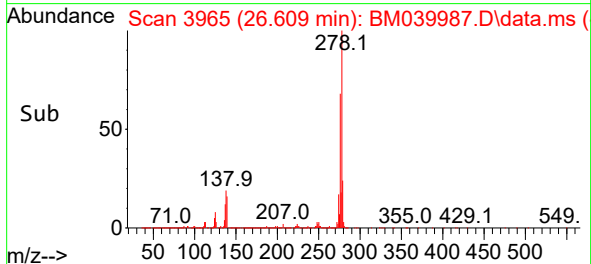
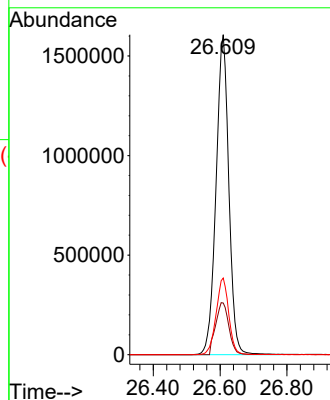
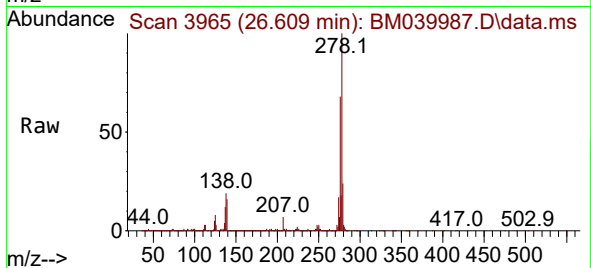
Tgt Ion:278 Resp: 4266608

Ion Ratio Lower Upper

278 100

139 16.1 14.0 21.0

279 23.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 46.492 ng

RT: 27.380 min Scan# 4096

Delta R.T. 0.018 min

Lab File: BM039987.D

Acq: 24 May 2023 16:59

Tgt Ion:276 Resp: 3744944

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 24.1 20.6 31.0

