

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
 Data File : BM041174.D
 Acq On : 28 Jul 2023 20:22
 Operator : MA/JU
 Sample : 03645-09MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-04-(1-5)MS

Quant Time: Jul 29 01:18:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 29 00:19:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	183644	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	715690	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	398072	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	828030	20.000	ng	0.00
76) Chrysene-d12	21.427	240	795964	20.000	ng	0.00
86) Perylene-d12	23.797	264	909051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1215767	98.945	ng	0.00
7) Phenol-d6	6.987	99	1614607	101.374	ng	0.00
23) Nitrobenzene-d5	8.981	82	986226	64.084	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	587357	104.317	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2008303	63.732	ng	0.00
79) Terphenyl-d14	19.862	244	3097262	70.355	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	194403	36.984	ng	98
3) Pyridine	3.675	79	440026	31.838	ng	99
4) n-Nitrosodimethylamine	3.587	42	276666	43.283	ng	97
6) Aniline	7.139	93	755093	40.510	ng	98
8) 2-Chlorophenol	7.369	128	565308	47.127	ng	100
9) Benzaldehyde	6.951	77	373593	44.453	ng	100
10) Phenol	7.010	94	742285	48.253	ng	99
11) bis(2-Chloroethyl)ether	7.239	93	569325	45.721	ng	100
12) 1,3-Dichlorobenzene	7.692	146	608495	46.602	ng	99
13) 1,4-Dichlorobenzene	7.839	146	615311	46.884	ng	99
14) 1,2-Dichlorobenzene	8.157	146	591318	46.991	ng	99
15) Benzyl Alcohol	8.063	79	508989	50.604	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	757269	45.643	ng	99
17) 2-Methylphenol	8.263	107	473547	45.058	ng	99
18) Hexachloroethane	8.875	117	230620	47.200	ng	95
19) n-Nitroso-di-n-propyla...	8.628	70	450132	46.529	ng	100
20) 3+4-Methylphenols	8.592	107	647067	46.048	ng	98
22) Acetophenone	8.645	105	835065	44.056	ng	# 100
24) Nitrobenzene	9.022	77	662703	42.581	ng	98
25) Isophorone	9.551	82	1170089	44.789	ng	99
26) 2-Nitrophenol	9.733	139	282734	46.472	ng	99
27) 2,4-Dimethylphenol	9.798	122	486798	45.470	ng	99
28) bis(2-Chloroethoxy)met...	10.033	93	727043	44.429	ng	99
29) 2,4-Dichlorophenol	10.269	162	506036	46.871	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	533981	44.766	ng	99
31) Naphthalene	10.663	128	1676343	43.163	ng	99
32) Benzoic acid	9.957	122	363937	45.670	ng	98
33) 4-Chloroaniline	10.792	127	590935	38.074	ng	99
34) Hexachlorobutadiene	10.933	225	313357	43.679	ng	98
35) Caprolactam	11.604	113	52608	16.844	ng	94
36) 4-Chloro-3-methylphenol	11.922	107	536644	47.226	ng	100
37) 2-Methylnaphthalene	12.280	142	1132072	43.236	ng	99
38) 1-Methylnaphthalene	12.504	142	1056646	43.118	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	569598	44.067	ng	99
41) Hexachlorocyclopentadiene	12.616	237	640660	93.686	ng	98
43) 2,4,6-Trichlorophenol	12.898	196	389735	47.043	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
 Data File : BM041174.D
 Acq On : 28 Jul 2023 20:22
 Operator : MA/JU
 Sample : 03645-09MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

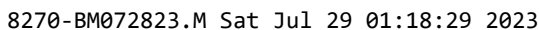
Instrument :
 BNA_M
 ClientSampleId :
 SB-04-(1-5)MS

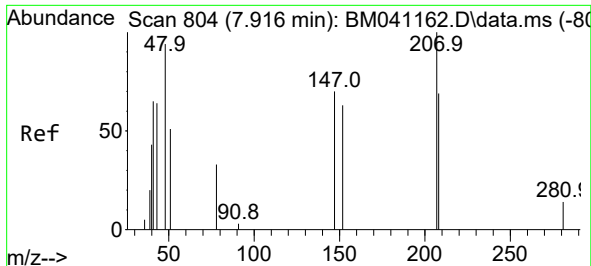
Quant Time: Jul 29 01:18:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 29 00:19:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	424941	44.316	ng	98
46) 1,1'-Biphenyl	13.298	154	1424448	44.140	ng	99
47) 2-Chloronaphthalene	13.345	162	1093568	45.384	ng	99
48) 2-Nitroaniline	13.563	65	366853	47.696	ng	98
49) Acenaphthylene	14.192	152	1737954	44.686	ng	100
50) Dimethylphthalate	13.939	163	1448831	48.385	ng	100
51) 2,6-Dinitrotoluene	14.063	165	285094	45.951	ng	96
52) Acenaphthene	14.533	154	1048736	44.760	ng	98
53) 3-Nitroaniline	14.398	138	294021	41.331	ng	98
54) 2,4-Dinitrophenol	14.610	184	349907	83.258	ng	96
55) Dibenzofuran	14.874	168	1678610	43.911	ng	99
56) 4-Nitrophenol	14.715	139	577725	111.728	ng	97
57) 2,4-Dinitrotoluene	14.857	165	388877	44.119	ng	98
58) Fluorene	15.521	166	1370718	45.453	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	366669	47.222	ng	99
60) Diethylphthalate	15.304	149	1318439	45.531	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	676999	44.799	ng	98
62) 4-Nitroaniline	15.568	138	275767	42.220	ng	98
63) Azobenzene	15.815	77	1458339	45.977	ng	98
65) 4,6-Dinitro-2-methylph...	15.621	198	210656	41.995	ng	99
66) n-Nitrosodiphenylamine	15.739	169	1136297	44.124	ng	99
67) 4-Bromophenyl-phenylether	16.415	248	405642	44.681	ng	98
68) Hexachlorobenzene	16.527	284	476517	47.203	ng	99
69) Atrazine	16.704	200	394558	58.341	ng	100
70) Pentachlorophenol	16.880	266	625435	89.470	ng	99
71) Phenanthrene	17.274	178	2197642	47.769	ng	100
72) Anthracene	17.362	178	2084323	45.809	ng	100
73) Carbazole	17.645	167	1944685	47.221	ng	99
74) Di-n-butylphthalate	18.203	149	2353018	50.563	ng	100
75) Fluoranthene	19.292	202	2656018	51.387	ng	99
77) Benzidine	19.492	184	795803	73.353	ng	99
78) Pyrene	19.656	202	2723302	48.925	ng	99
80) Butylbenzylphthalate	20.562	149	1068997	52.590	ng	99
81) Benzo(a)anthracene	21.415	228	2604693	48.271	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	932481	52.959	ng	100
83) Chrysene	21.468	228	2382954	45.657	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1598976	49.452	ng	97
85) Di-n-octyl phthalate	22.256	149	2704637	52.647	ng	99
87) Indeno(1,2,3-cd)pyrene	26.250	276	3188493	47.707	ng	99
88) Benzo(b)fluoranthene	23.080	252	2771128	51.314	ng	99
89) Benzo(k)fluoranthene	23.127	252	2545370	46.078	ng	99
90) Benzo(a)pyrene	23.697	252	2340823	45.112	ng	99
91) Dibenzo(a,h)anthracene	26.268	278	2575983	46.209	ng	99
92) Benzo(g,h,i)perylene	27.003	276	2555436	46.849	ng	100

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

Quant Time: Jul 29 01:18:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 29 00:19:24 2023
Response via : Initial Calibration

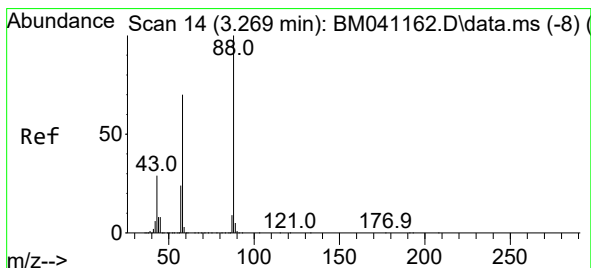
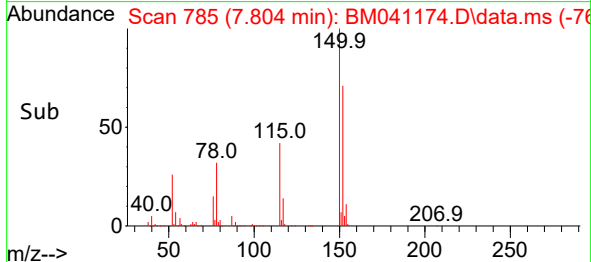
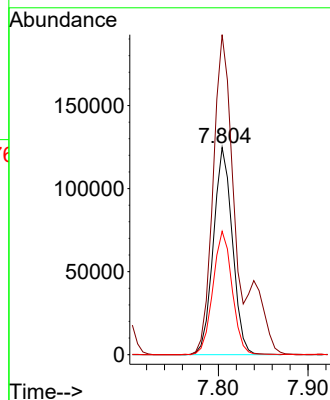
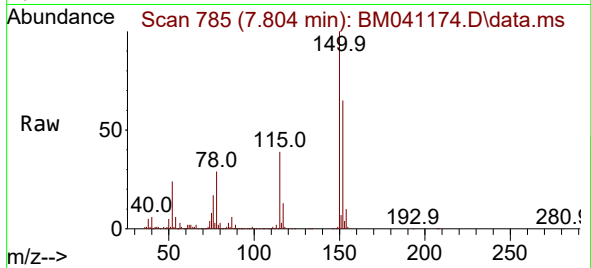




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

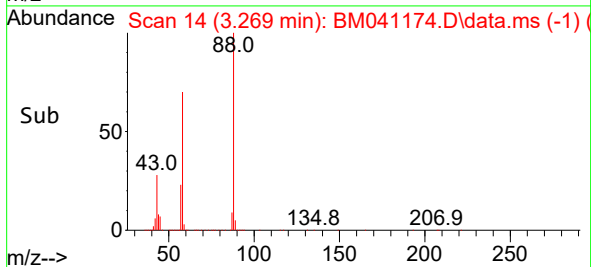
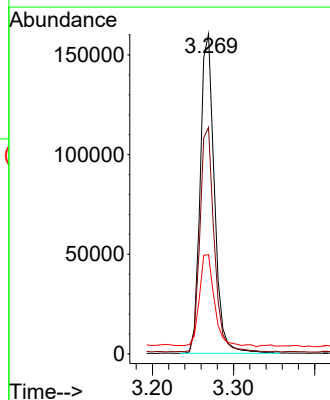
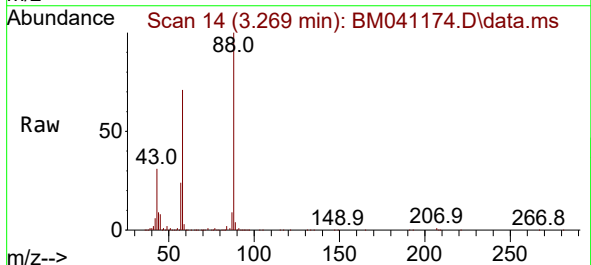
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

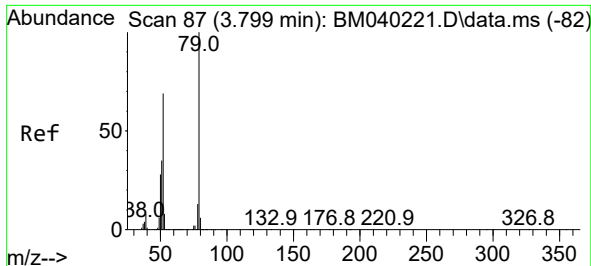
Tgt Ion:152 Resp: 183644
Ion Ratio Lower Upper
152 100
150 154.4 125.5 188.3
115 59.5 48.0 72.0



#2
1,4-Dioxane
Concen: 36.984 ng
RT: 3.269 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion: 88 Resp: 194403
Ion Ratio Lower Upper
88 100
58 71.0 58.2 87.4
43 31.1 24.4 36.6

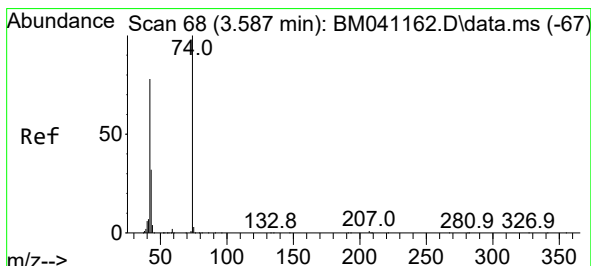
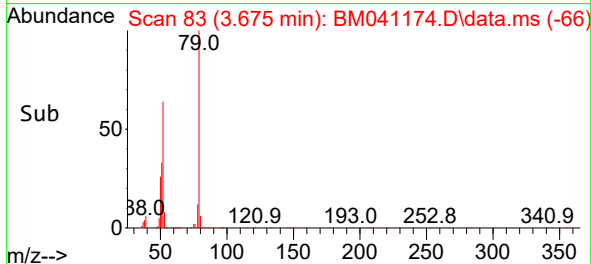
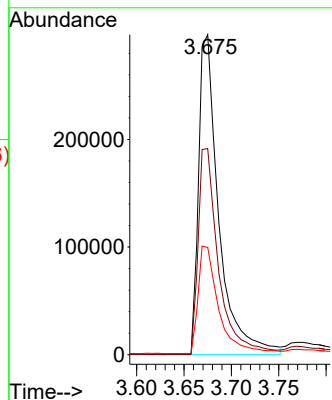
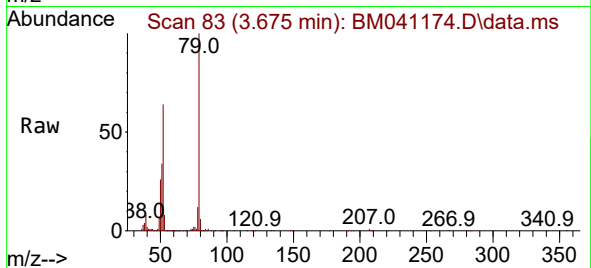




#3
Pyridine
Concen: 31.838 ng
RT: 3.675 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

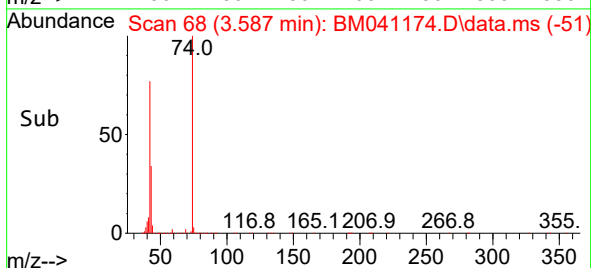
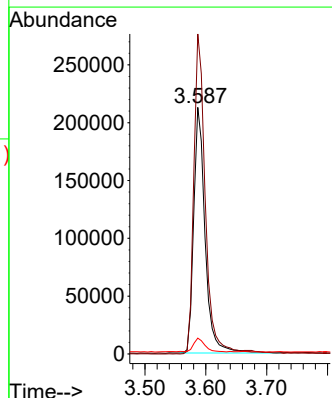
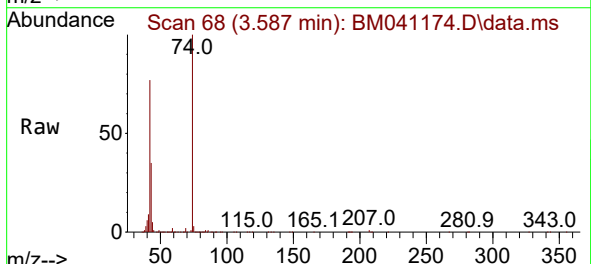
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

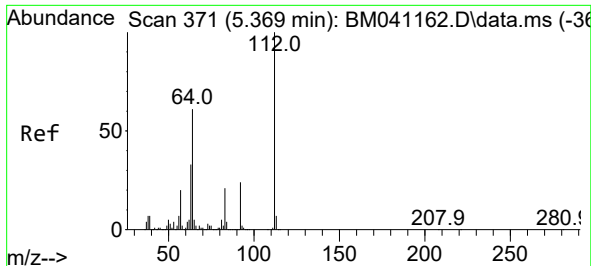
Tgt Ion: 79 Resp: 440026
Ion Ratio Lower Upper
79 100
52 64.4 52.1 78.1
51 33.6 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 43.283 ng
RT: 3.587 min Scan# 68
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion: 42 Resp: 276666
Ion Ratio Lower Upper
42 100
74 129.8 100.8 151.2
44 6.4 5.0 7.4

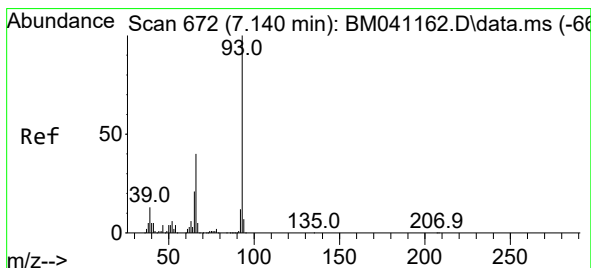
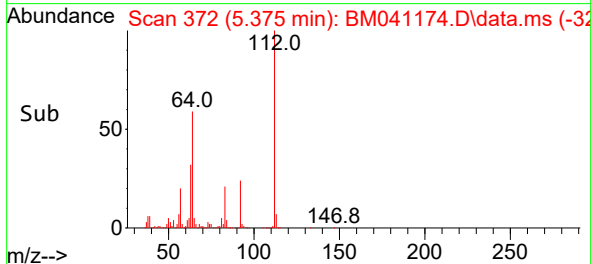
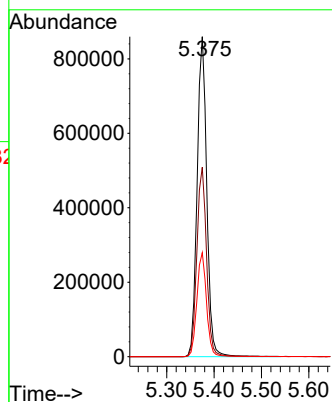
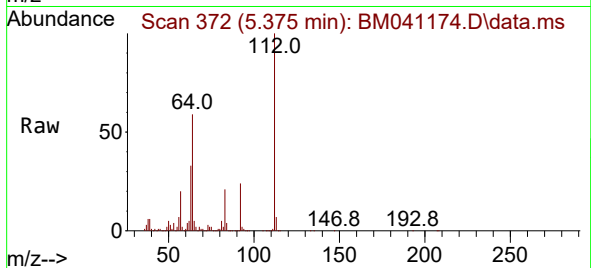




#5
2-Fluorophenol
Concen: 98.945 ng
RT: 5.375 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

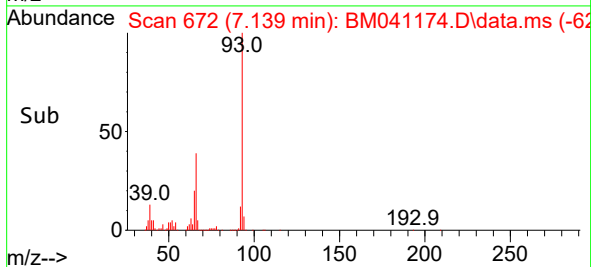
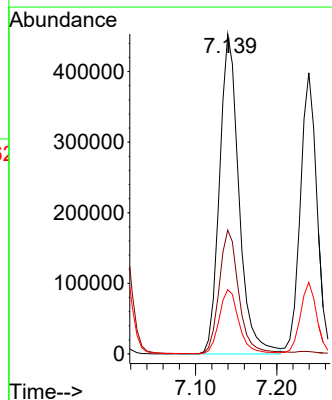
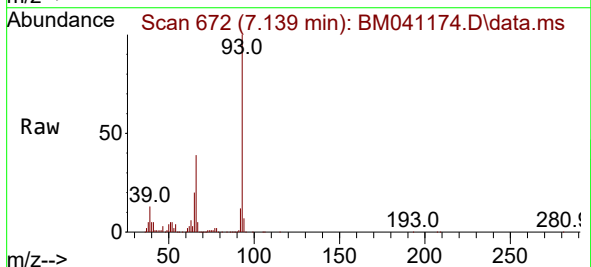
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

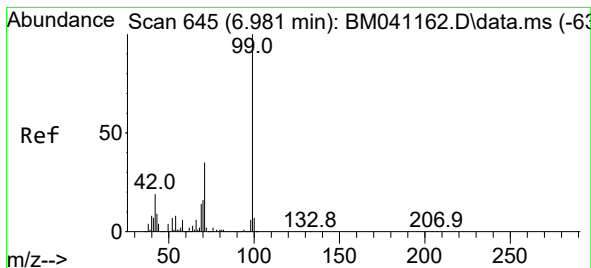
Tgt Ion:112 Resp: 1215767
Ion Ratio Lower Upper
112 100
64 59.2 48.5 72.7
63 32.5 26.5 39.7



#6
Aniline
Concen: 40.510 ng
RT: 7.139 min Scan# 672
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion: 93 Resp: 755093
Ion Ratio Lower Upper
93 100
66 38.7 32.0 48.0
65 20.1 16.6 24.8





#7

Phenol-d6

Concen: 101.374 ng

RT: 6.987 min Scan# 645

Delta R.T. 0.006 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

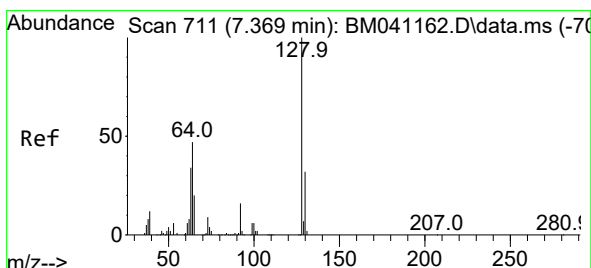
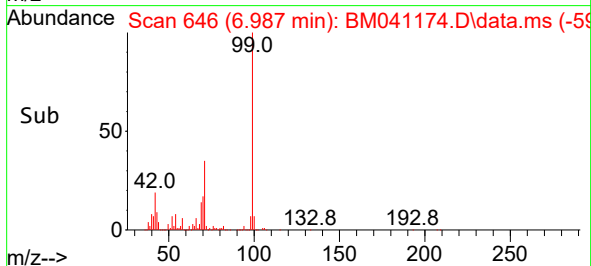
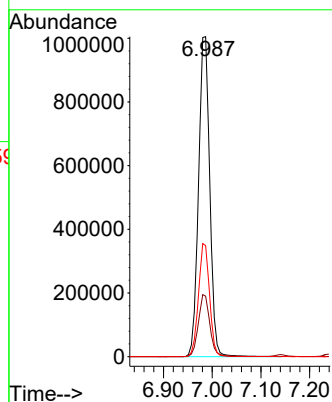
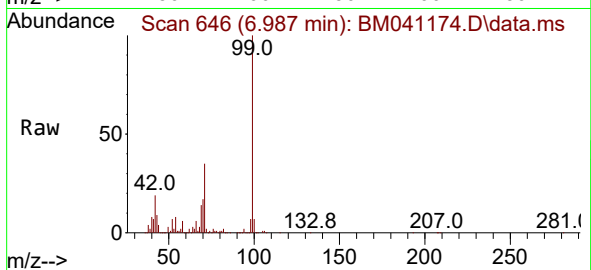
Tgt Ion: 99 Resp: 1614607

Ion Ratio Lower Upper

99 100

42 18.9 15.4 23.0

71 34.7 28.2 42.4



#8

2-Chlorophenol

Concen: 47.127 ng

RT: 7.369 min Scan# 711

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

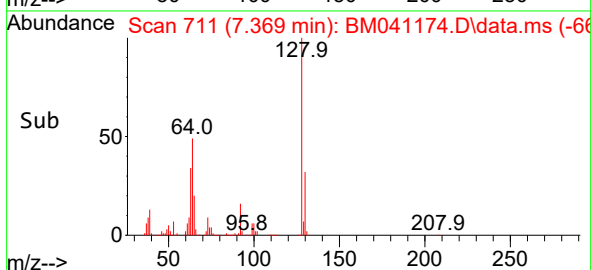
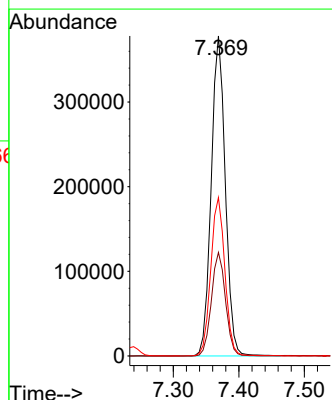
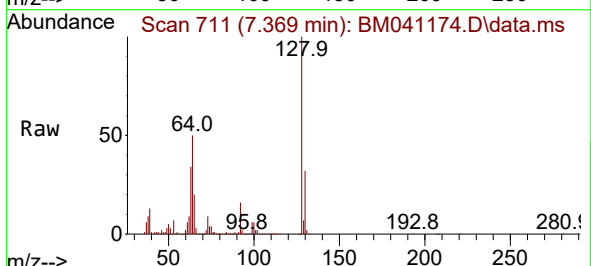
Tgt Ion: 128 Resp: 565308

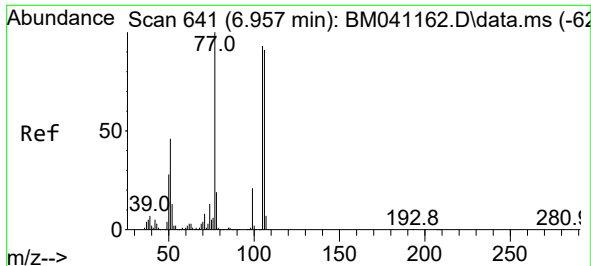
Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

64 49.5 29.3 69.3

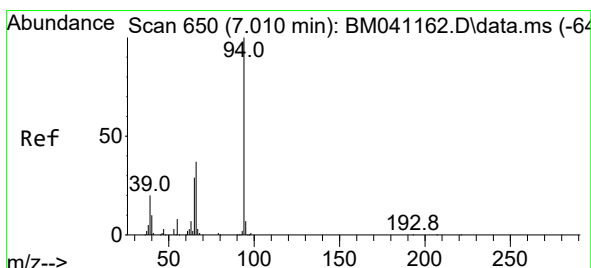
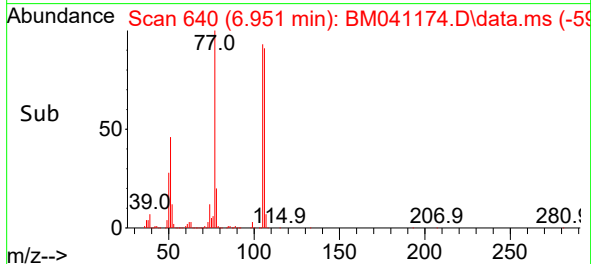
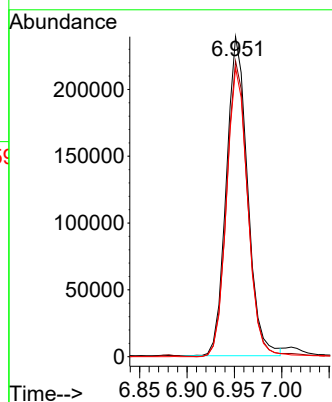
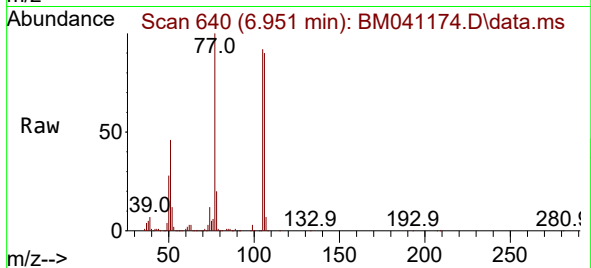




#9
Benzaldehyde
Concen: 44.453 ng
RT: 6.951 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

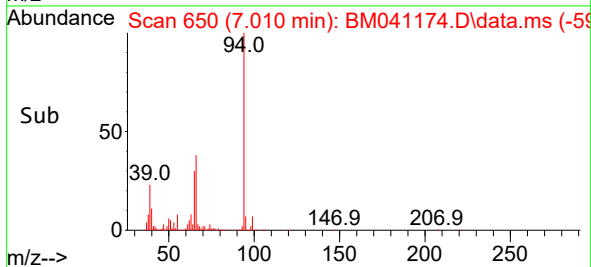
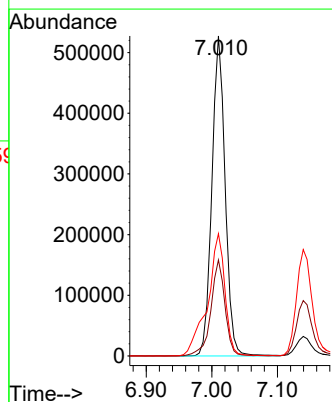
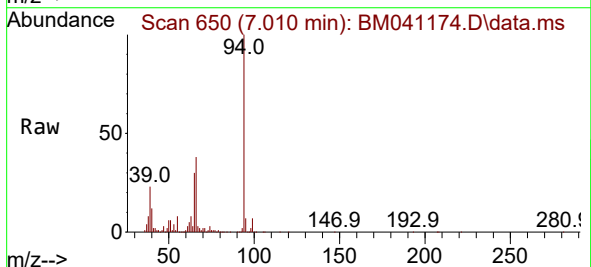
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

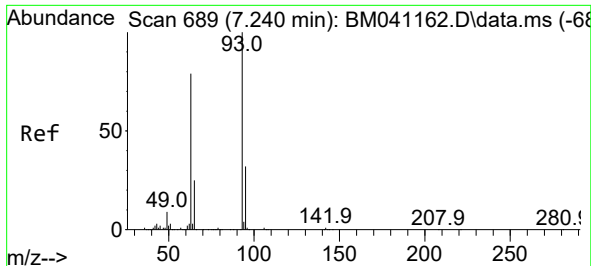
Tgt Ion: 77 Resp: 373593
Ion Ratio Lower Upper
77 100
105 92.4 72.8 112.8
106 90.3 70.8 110.8



#10
Phenol
Concen: 48.253 ng
RT: 7.010 min Scan# 650
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion: 94 Resp: 742285
Ion Ratio Lower Upper
94 100
65 30.0 9.5 49.5
66 38.2 18.0 58.0

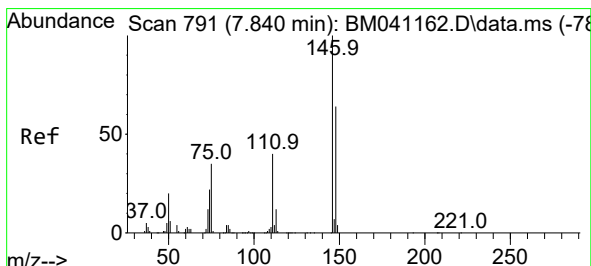
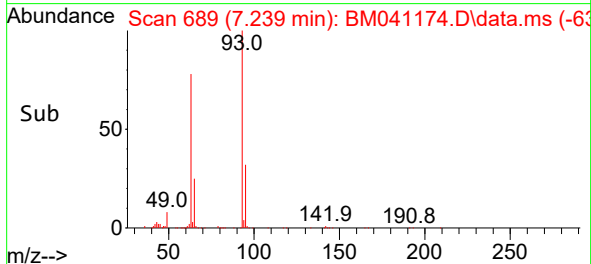
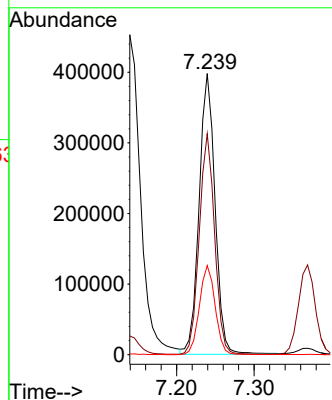
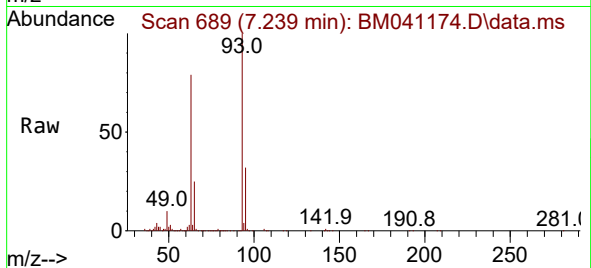




#11
bis(2-Chloroethyl)ether
Concen: 45.721 ng
RT: 7.239 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

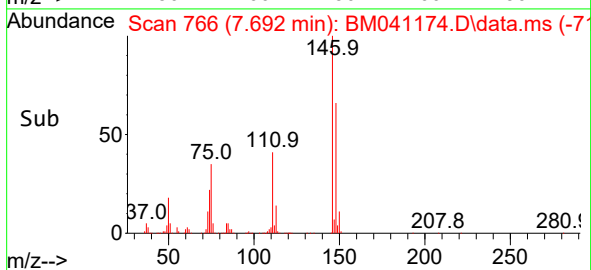
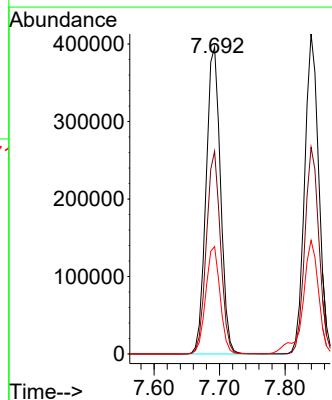
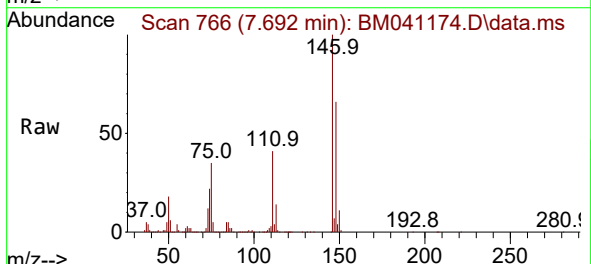
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

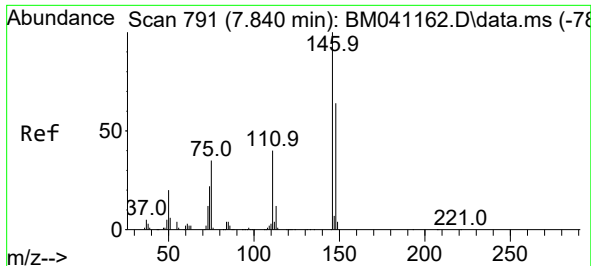
Tgt Ion: 93 Resp: 569325
Ion Ratio Lower Upper
93 100
63 78.6 58.8 98.8
95 31.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 46.602 ng
RT: 7.692 min Scan# 766
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion: 146 Resp: 608495
Ion Ratio Lower Upper
146 100
148 66.1 51.9 77.9
75 35.0 28.3 42.5

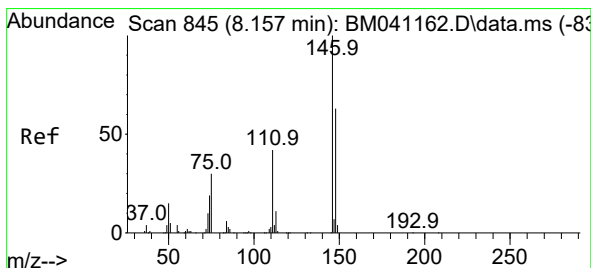
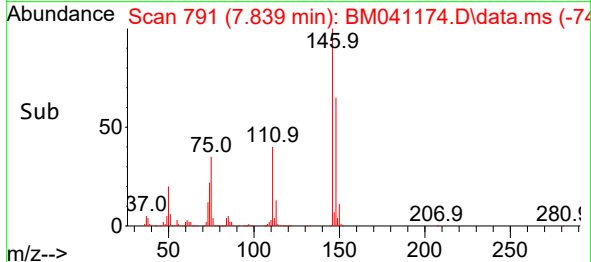
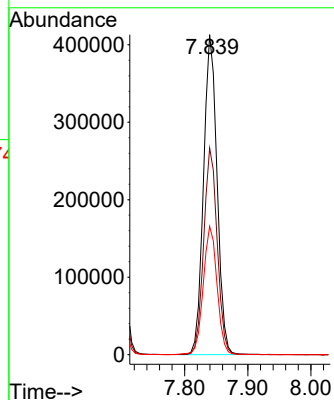
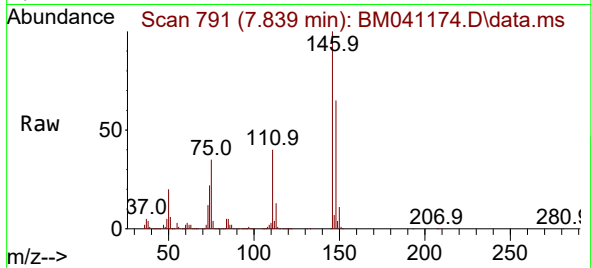




#13
1,4-Dichlorobenzene
Concen: 46.884 ng
RT: 7.839 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

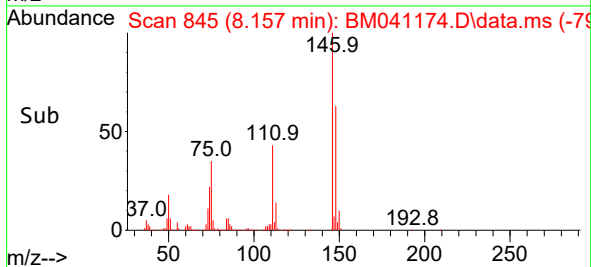
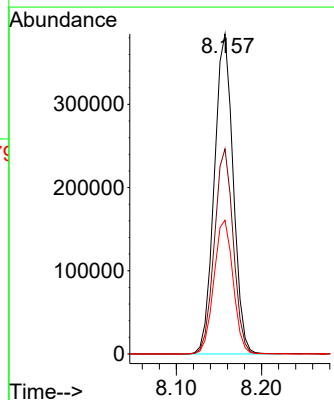
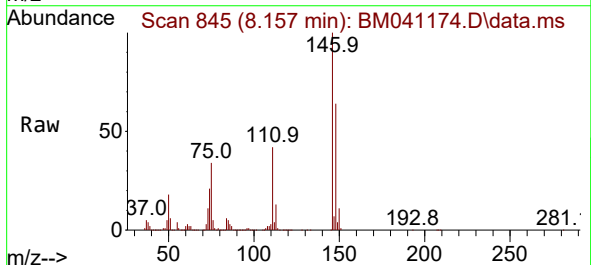
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

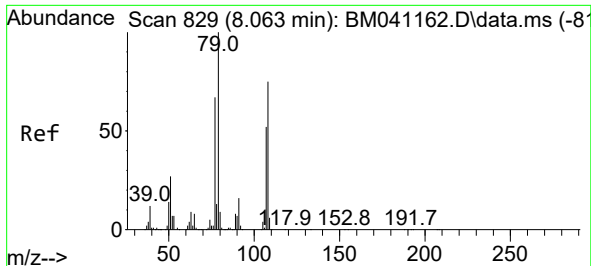
Tgt Ion:146 Resp: 615311
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
111 40.1 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 46.991 ng
RT: 8.157 min Scan# 845
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:146 Resp: 591318
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
111 41.8 33.8 50.6

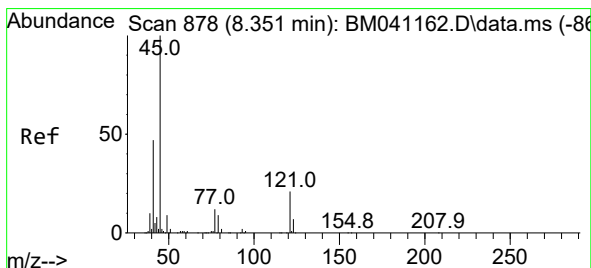
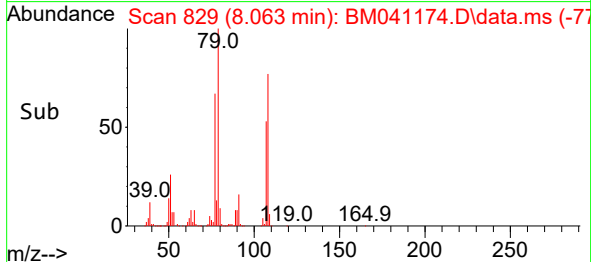
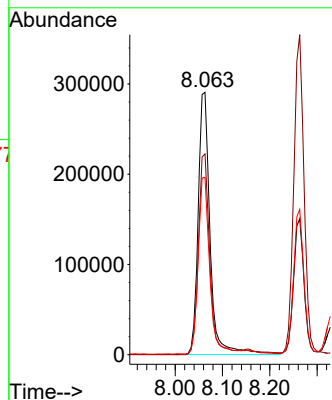
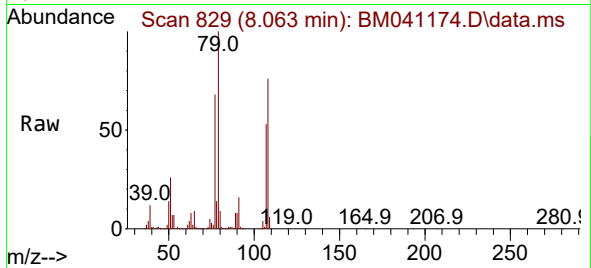




#15
Benzyl Alcohol
Concen: 50.604 ng
RT: 8.063 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

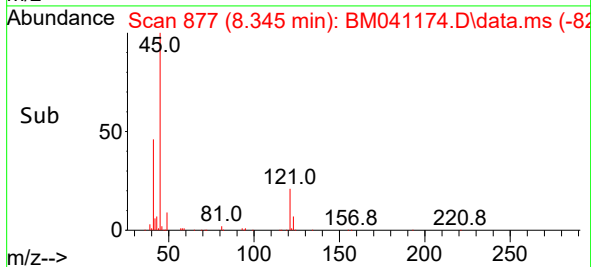
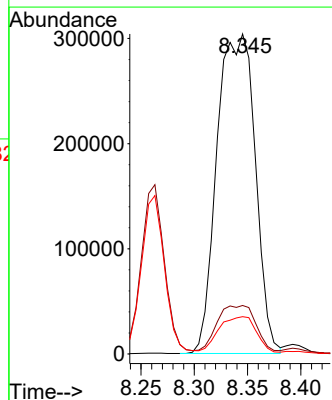
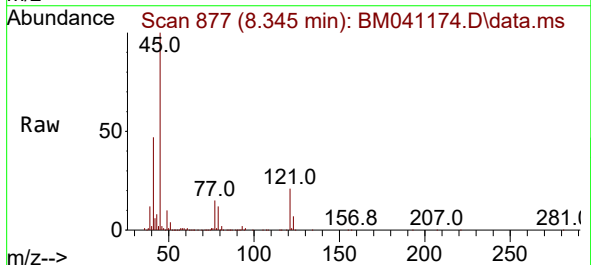
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

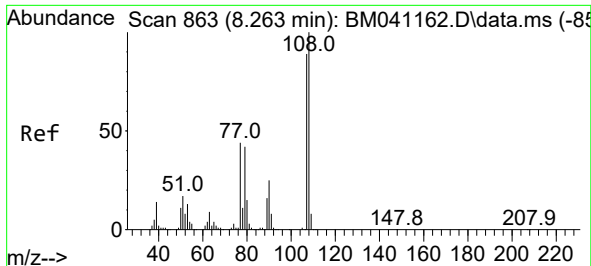
Tgt Ion: 79 Resp: 508989
Ion Ratio Lower Upper
79 100
108 76.5 59.8 89.8
77 67.6 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.643 ng
RT: 8.345 min Scan# 877
Delta R.T. -0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion: 45 Resp: 757269
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.5
79 11.7 0.0 32.1

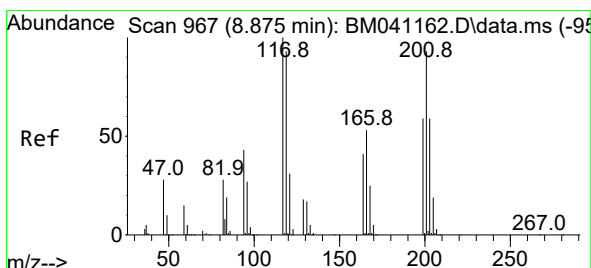
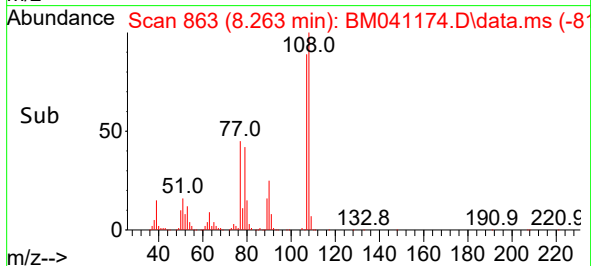
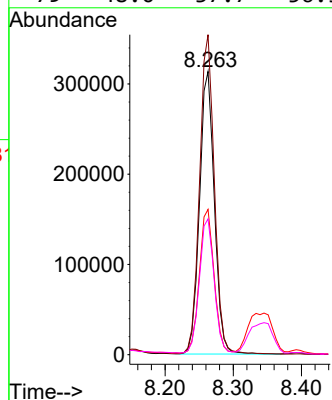
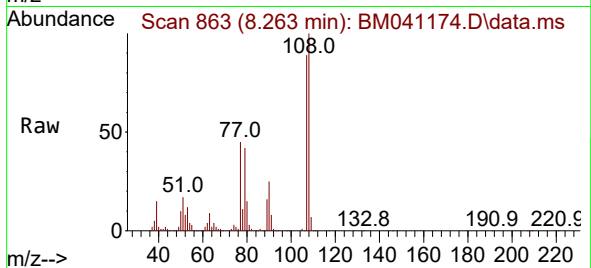




#17
2-Methylphenol
Concen: 45.058 ng
RT: 8.263 min Scan# 863
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

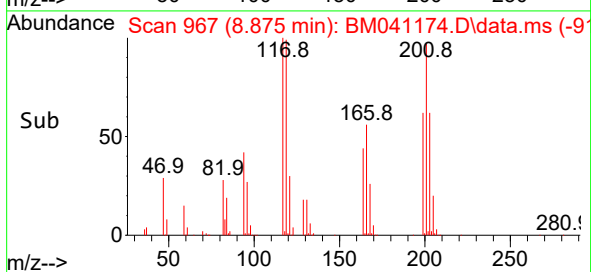
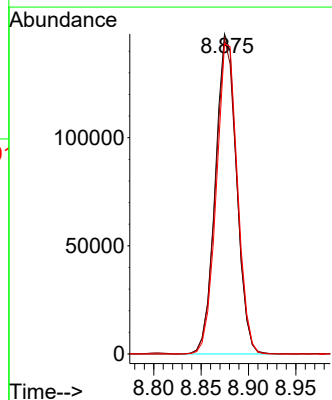
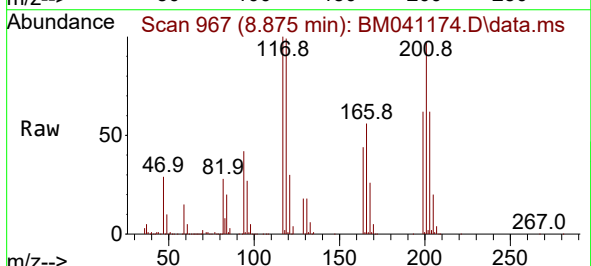
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

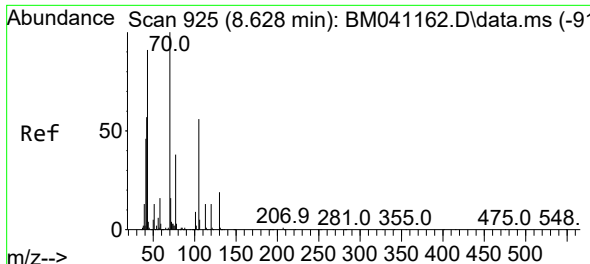
Tgt Ion:	107	Resp:	473547
Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.9	134.9
77	51.3	39.8	59.8
79	48.0	37.7	56.5



#18
Hexachloroethane
Concen: 47.200 ng
RT: 8.875 min Scan# 967
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:	117	Resp:	230620
Ion	Ratio	Lower	Upper
117	100		
119	98.6	74.2	111.4
201	97.0	74.5	111.7





#19

n-Nitroso-di-n-propylamine

Concen: 46.529 ng

RT: 8.628 min Scan# 919

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

Tgt Ion: 70 Resp: 450132

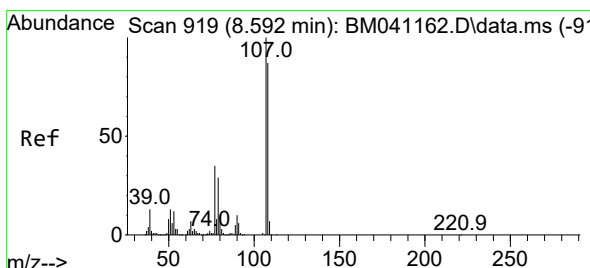
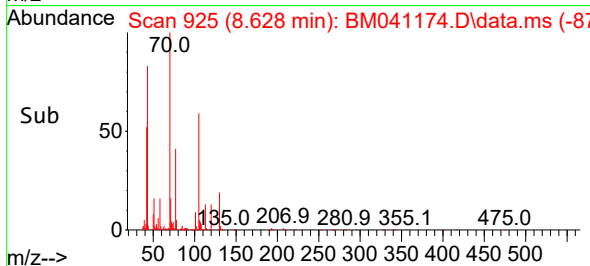
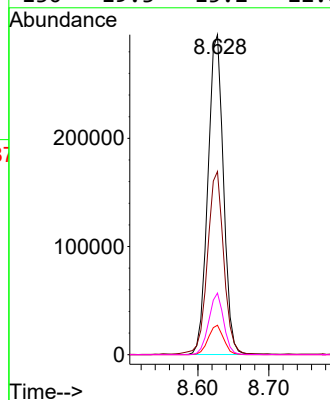
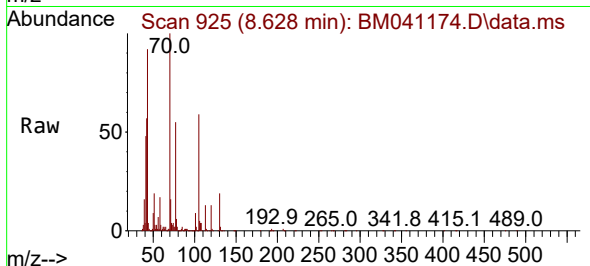
Ion Ratio Lower Upper

70 100

42 57.3 45.8 68.8

101 9.2 7.4 11.0

130 19.3 15.2 22.8



#20

3+4-Methylphenols

Concen: 46.048 ng

RT: 8.592 min Scan# 919

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Tgt Ion: 107 Resp: 647067

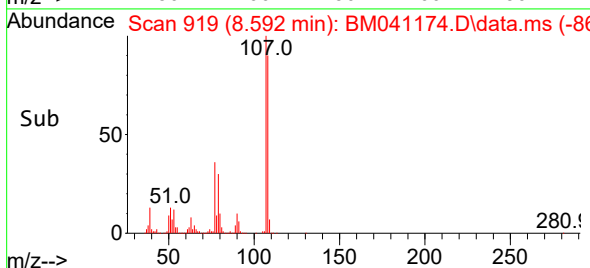
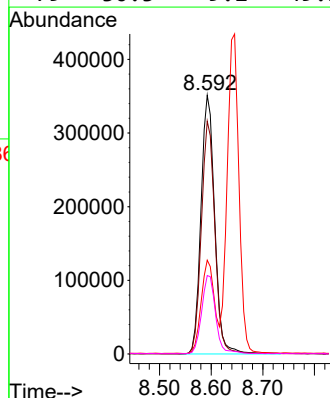
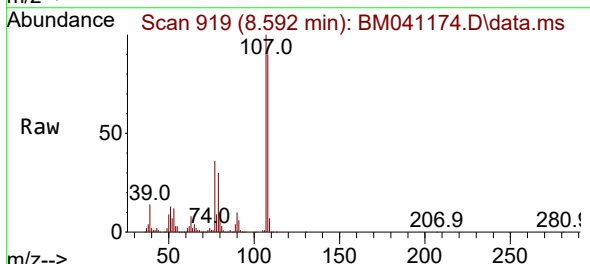
Ion Ratio Lower Upper

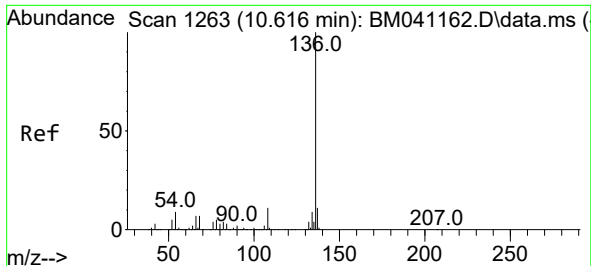
107 100

108 90.0 67.2 107.2

77 36.2 15.4 55.4

79 30.3 9.2 49.2

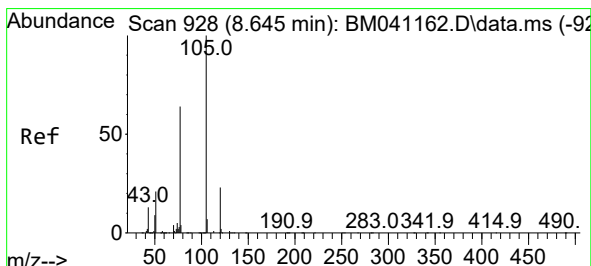
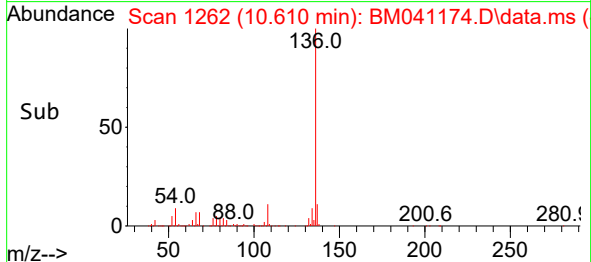
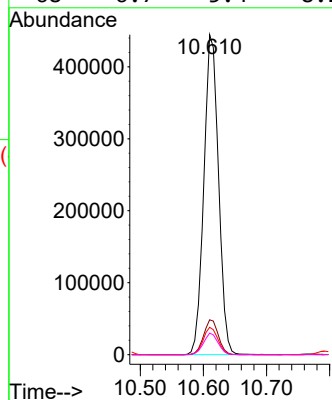
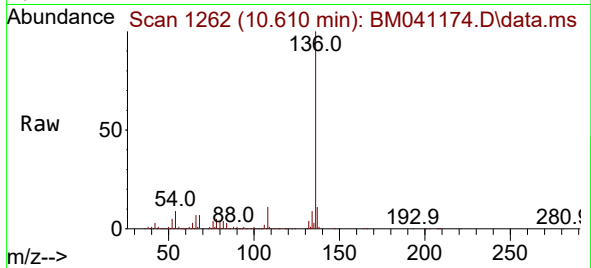




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

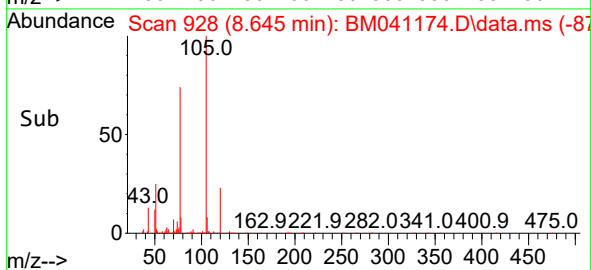
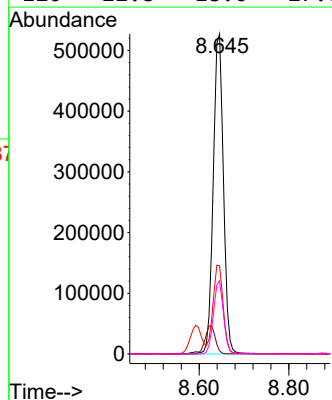
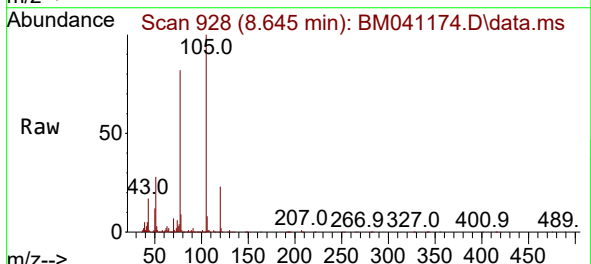
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

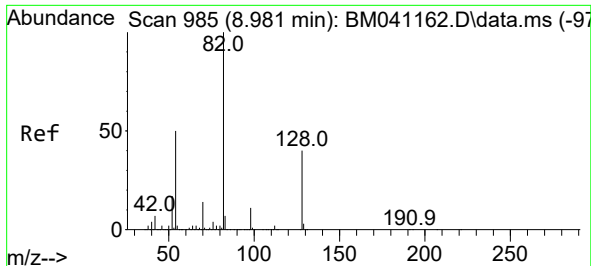
Tgt Ion:136 Resp: 715690
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 6.9 10.3
68 6.7 5.4 8.2



#22
Acetophenone
Concen: 44.056 ng
RT: 8.645 min Scan# 928
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:105 Resp: 835065
Ion Ratio Lower Upper
105 100
71 1.0 1.2 1.8#
51 27.5 22.0 33.0
120 22.8 18.0 27.0

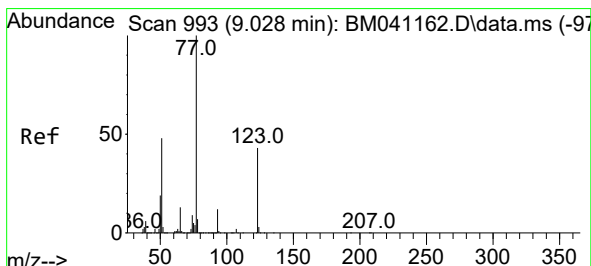
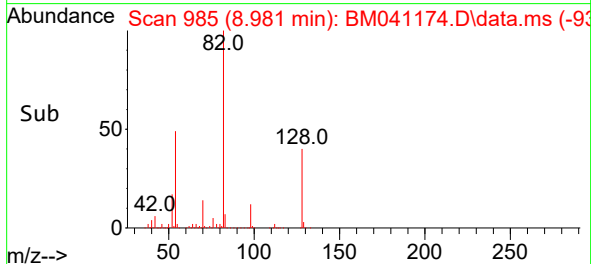
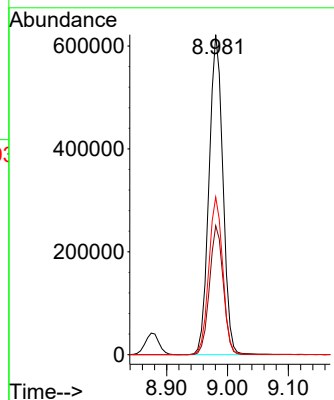
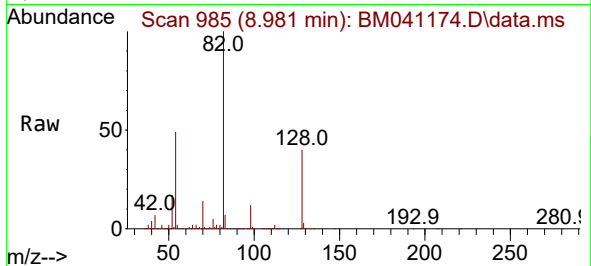




#23
 Nitrobenzene-d5
 Concen: 64.084 ng
 RT: 8.981 min Scan# 985
 Delta R.T. -0.000 min
 Lab File: BM041174.D
 Acq: 28 Jul 2023 20:22

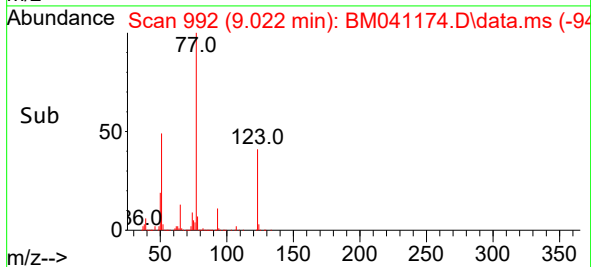
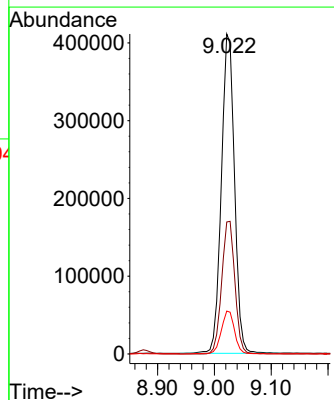
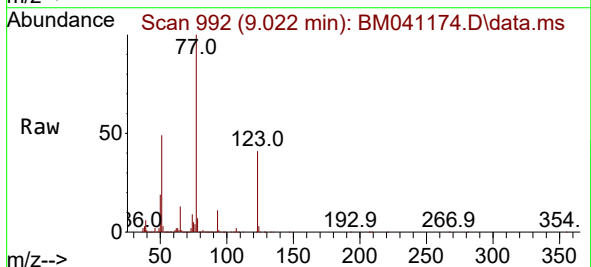
Instrument :
 BNA_M
 ClientSampleId :
 SB-04-(1-5)MS

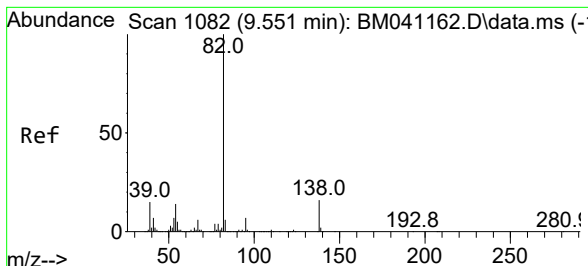
Tgt Ion: 82 Resp: 986226
 Ion Ratio Lower Upper
 82 100
 128 40.3 31.8 47.6
 54 49.2 40.1 60.1



#24
 Nitrobenzene
 Concen: 42.581 ng
 RT: 9.022 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: BM041174.D
 Acq: 28 Jul 2023 20:22

Tgt Ion: 77 Resp: 662703
 Ion Ratio Lower Upper
 77 100
 123 41.2 34.2 51.2
 65 13.4 10.7 16.1





#25

Isophorone

Concen: 44.789 ng

RT: 9.551 min Scan# 1082

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

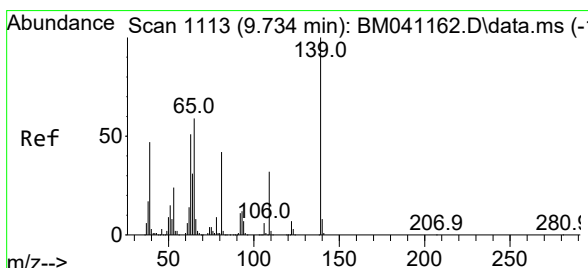
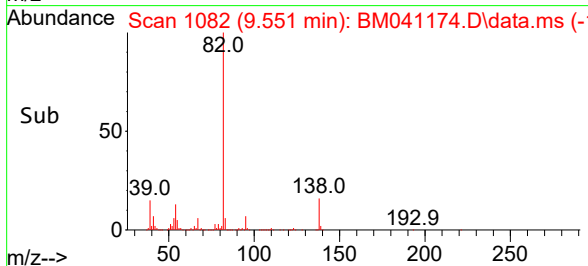
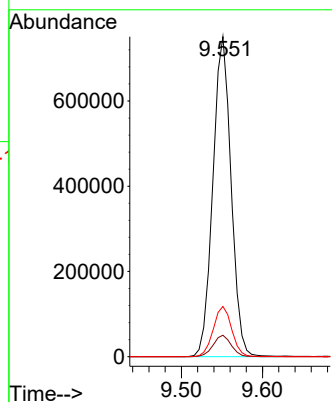
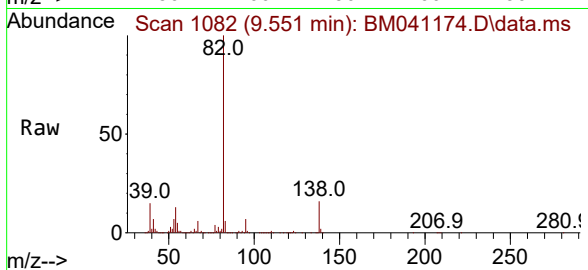
Tgt Ion: 82 Resp: 1170089

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 15.7 12.8 19.2



#26

2-Nitrophenol

Concen: 46.472 ng

RT: 9.733 min Scan# 1113

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

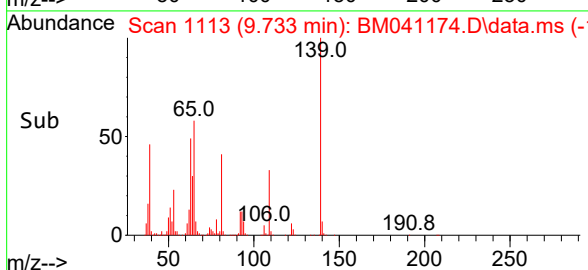
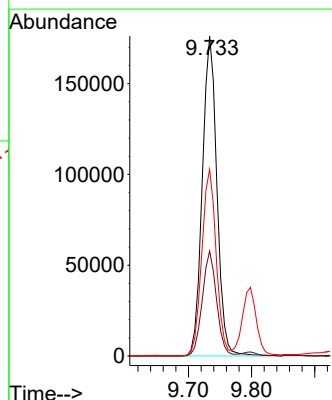
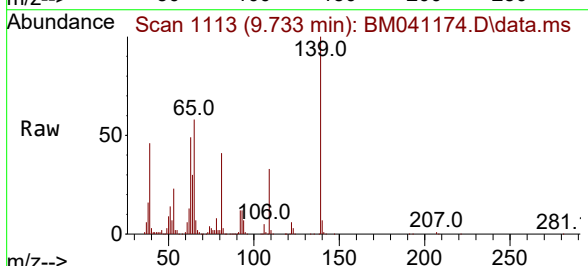
Tgt Ion: 139 Resp: 282734

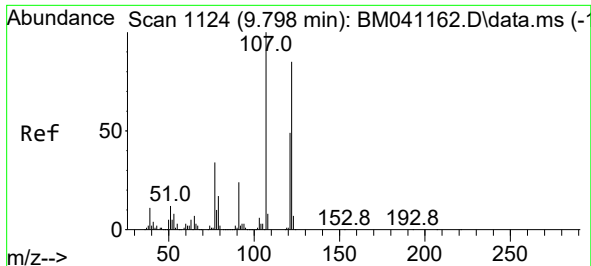
Ion Ratio Lower Upper

139 100

109 32.8 25.4 38.2

65 58.3 47.2 70.8

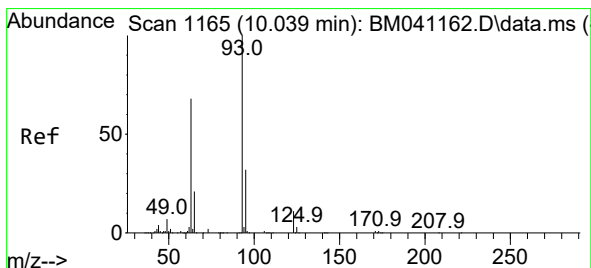
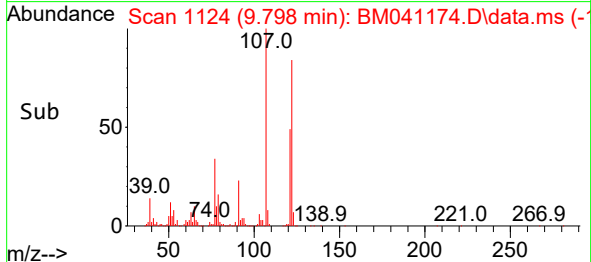
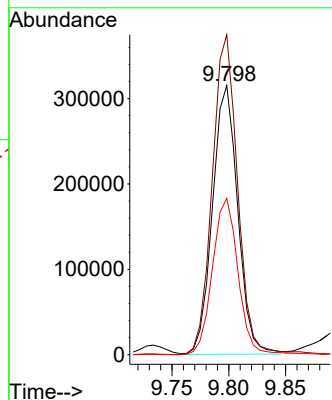
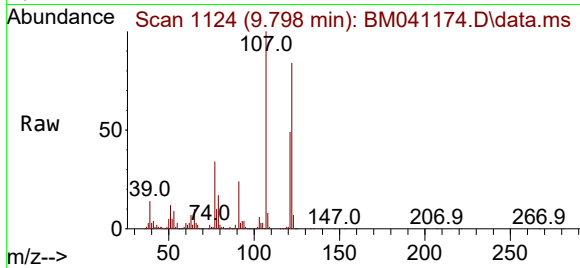




#27
2,4-Dimethylphenol
Concen: 45.470 ng
RT: 9.798 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

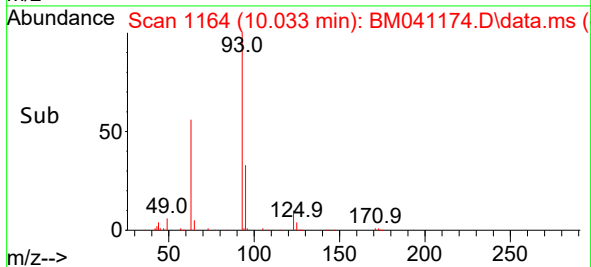
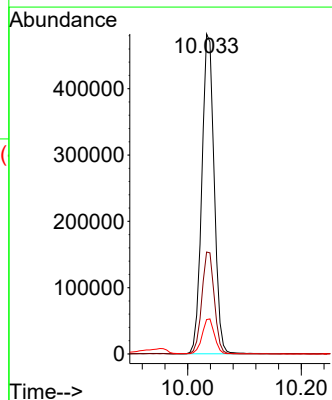
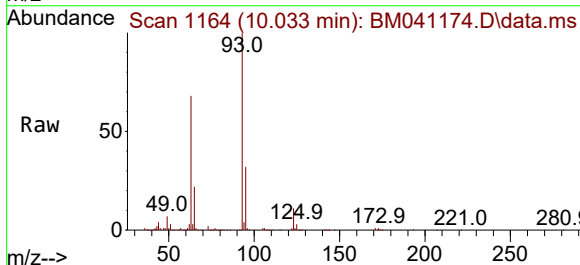
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

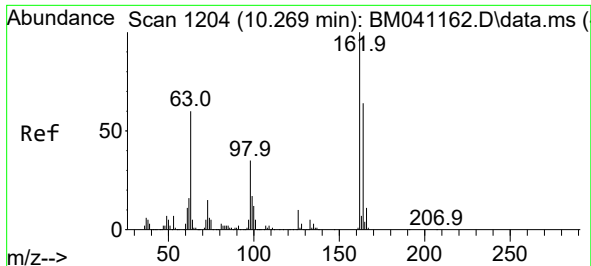
Tgt Ion:122 Resp: 486798
Ion Ratio Lower Upper
122 100
107 118.9 94.3 141.5
121 58.1 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.429 ng
RT: 10.033 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion: 93 Resp: 727043
Ion Ratio Lower Upper
93 100
95 31.9 25.9 38.9
123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.871 ng

RT: 10.269 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

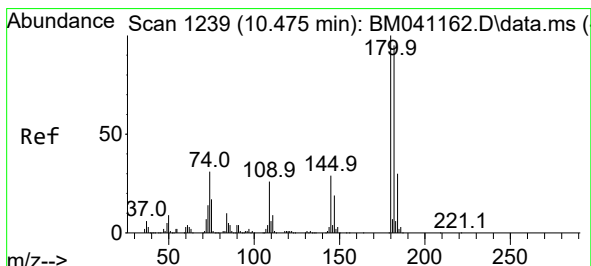
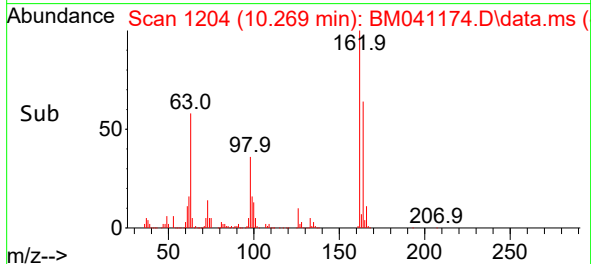
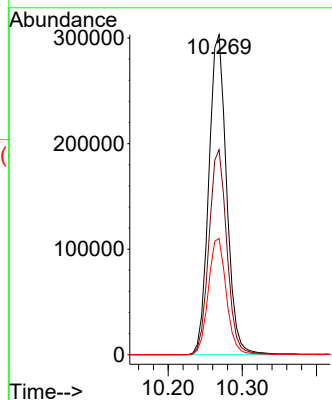
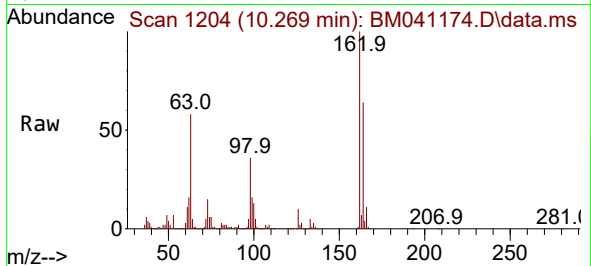
Tgt Ion:162 Resp: 506036

Ion Ratio Lower Upper

162 100

164 64.0 44.3 84.3

98 36.3 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 44.766 ng

RT: 10.475 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

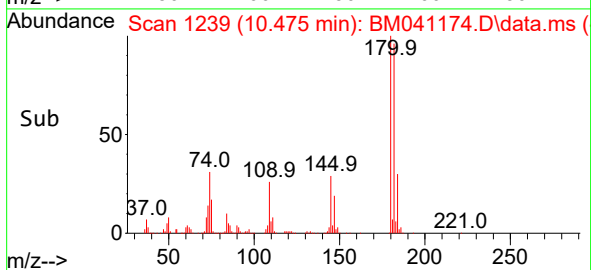
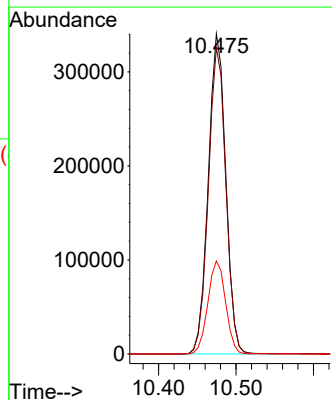
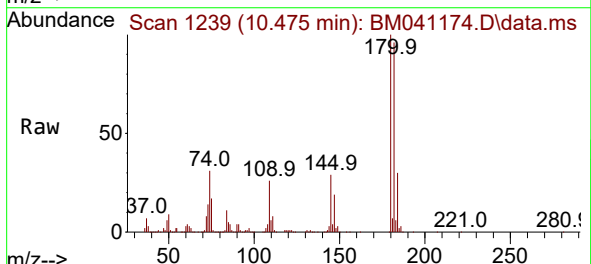
Tgt Ion:180 Resp: 533981

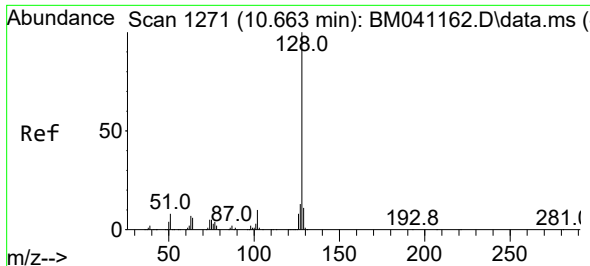
Ion Ratio Lower Upper

180 100

182 95.7 75.9 113.9

145 29.1 23.6 35.4

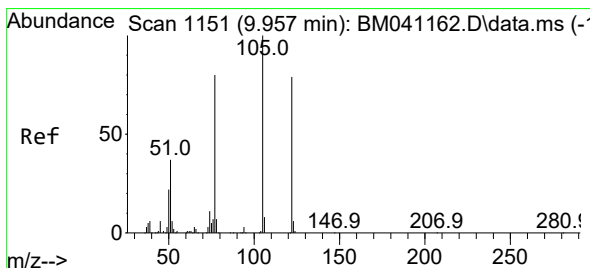
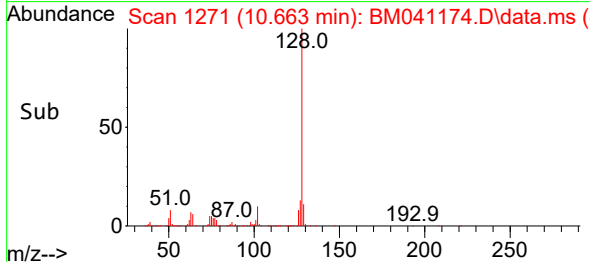
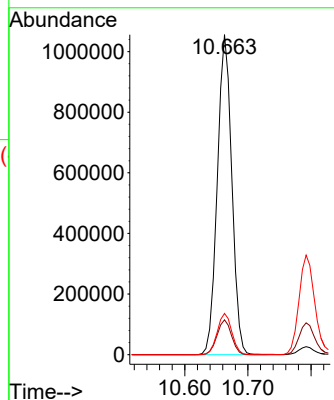
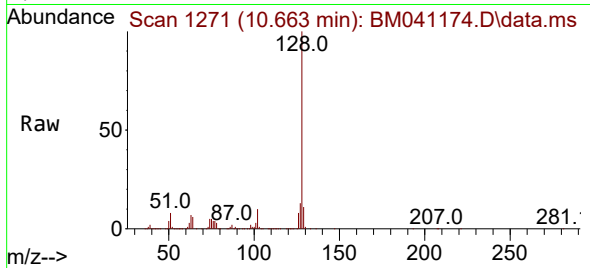




#31
Naphthalene
Concen: 43.163 ng
RT: 10.663 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

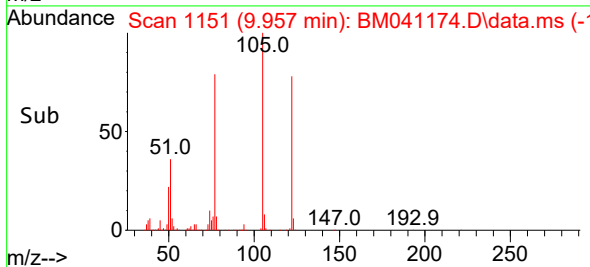
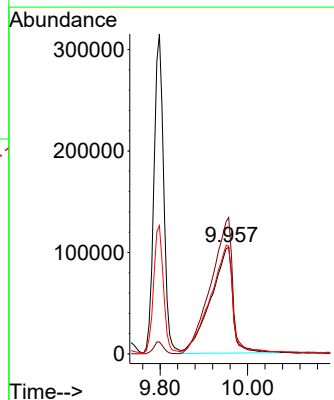
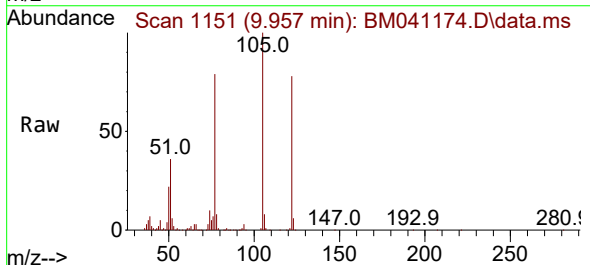
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

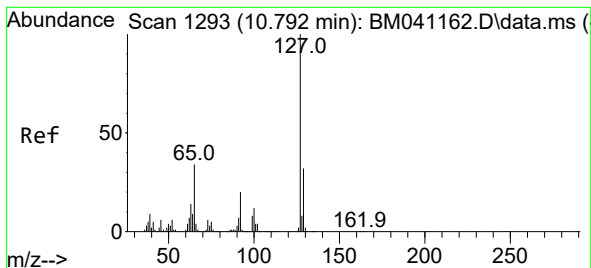
Tgt Ion:128 Resp: 1676343
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 45.670 ng
RT: 9.957 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:122 Resp: 363937
Ion Ratio Lower Upper
122 100
105 127.9 104.0 144.0
77 101.1 79.9 119.9





#33

4-Chloroaniline

Concen: 38.074 ng

RT: 10.792 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

Tgt Ion:127 Resp: 590935

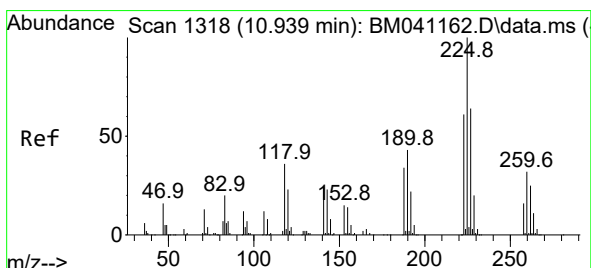
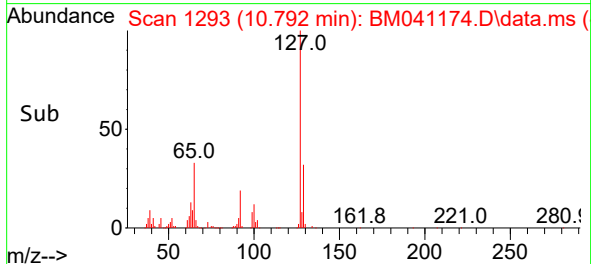
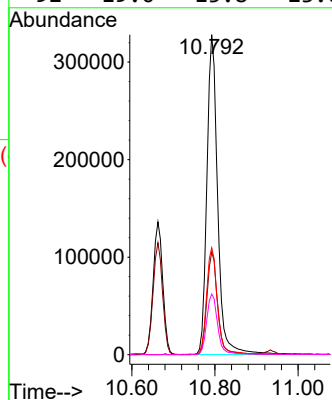
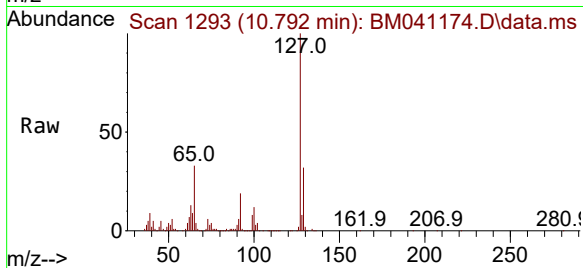
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 33.4 26.9 40.3

92 19.0 15.8 23.6



#34

Hexachlorobutadiene

Concen: 43.679 ng

RT: 10.933 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

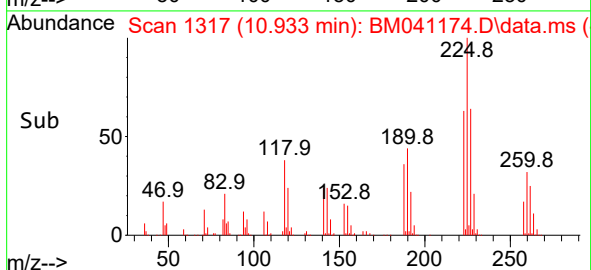
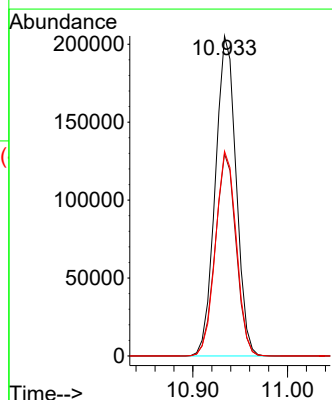
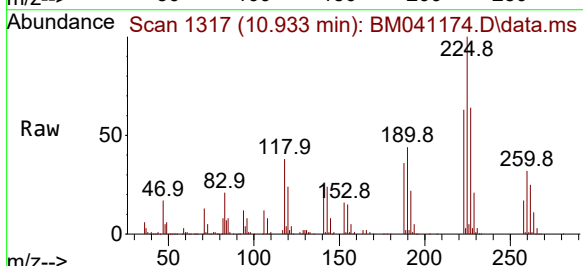
Tgt Ion:225 Resp: 313357

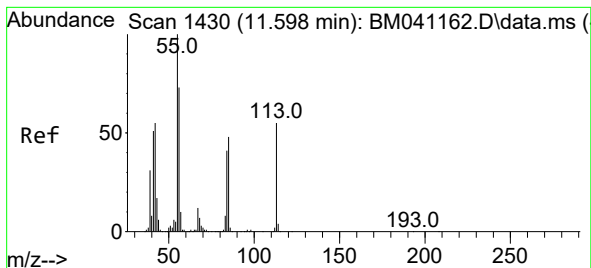
Ion Ratio Lower Upper

225 100

223 63.2 49.0 73.4

227 64.0 50.8 76.2

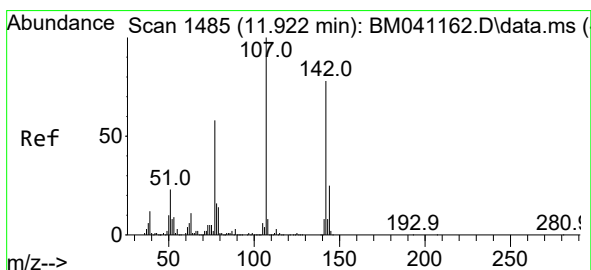
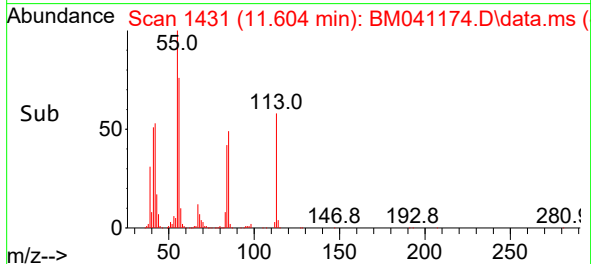
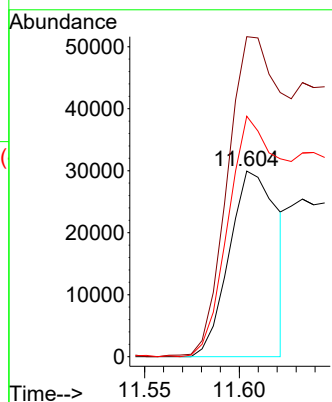
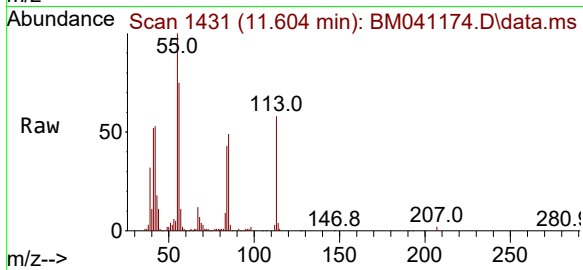




#35
 Caprolactam
 Concen: 16.844 ng
 RT: 11.604 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: BM041174.D
 Acq: 28 Jul 2023 20:22

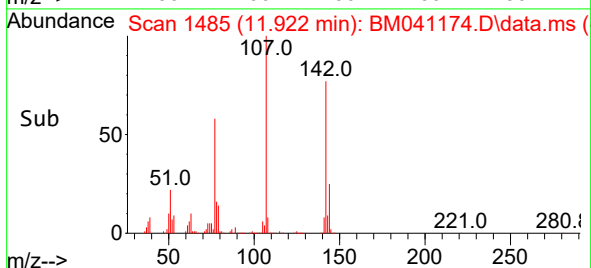
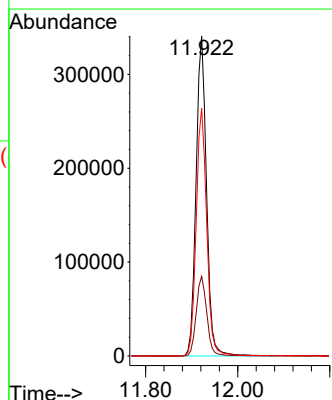
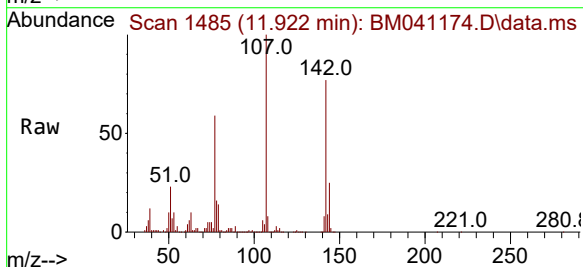
Instrument :
 BNA_M
 ClientSampleId :
 SB-04-(1-5)MS

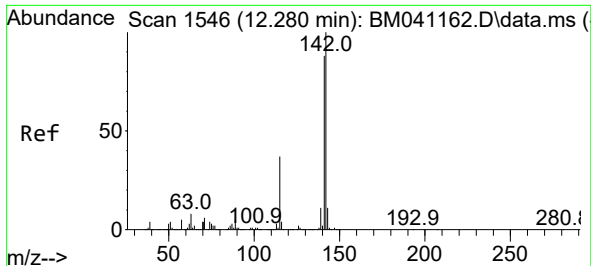
Tgt Ion:113 Resp: 52608
 Ion Ratio Lower Upper
 113 100
 55 172.5 162.5 202.5
 56 129.6 114.1 154.1



#36
 4-Chloro-3-methylphenol
 Concen: 47.226 ng
 RT: 11.922 min Scan# 1485
 Delta R.T. -0.000 min
 Lab File: BM041174.D
 Acq: 28 Jul 2023 20:22

Tgt Ion:107 Resp: 536644
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.1 30.1
 142 77.4 62.2 93.4





#37

2-Methylnaphthalene

Concen: 43.236 ng

RT: 12.280 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

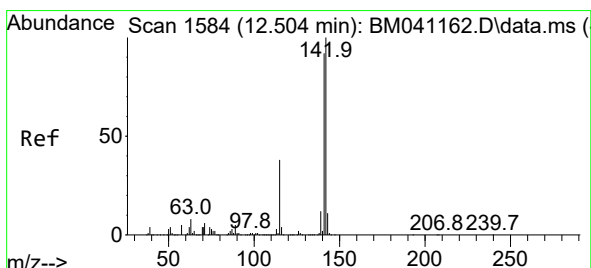
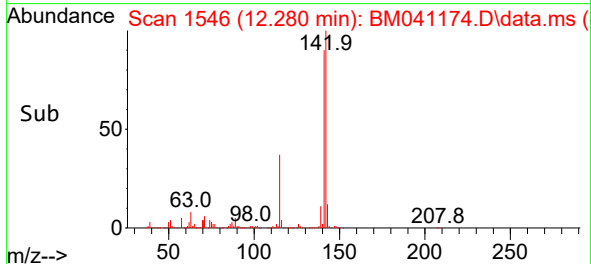
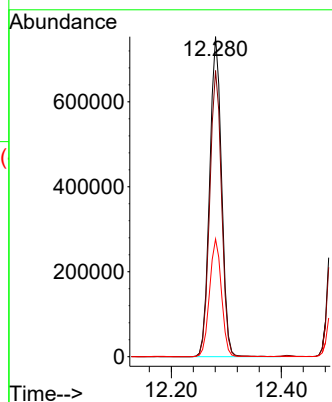
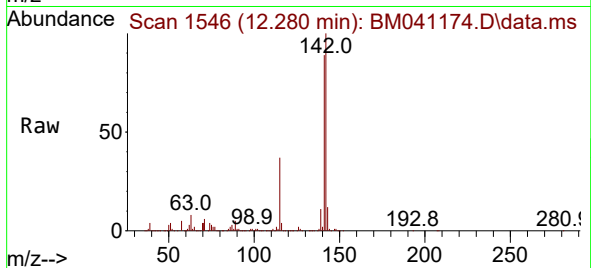
Tgt Ion:142 Resp: 1132072

Ion Ratio Lower Upper

142 100

141 89.4 70.7 106.1

115 36.8 29.3 43.9



#38

1-Methylnaphthalene

Concen: 43.118 ng

RT: 12.504 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

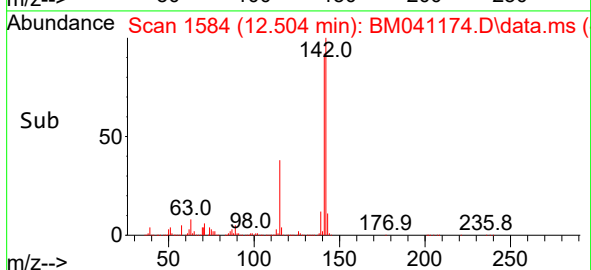
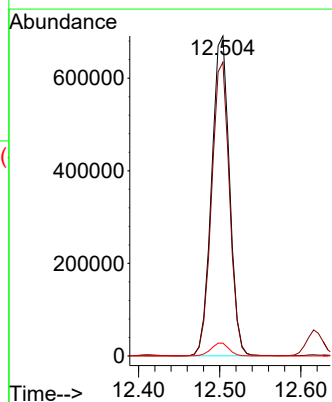
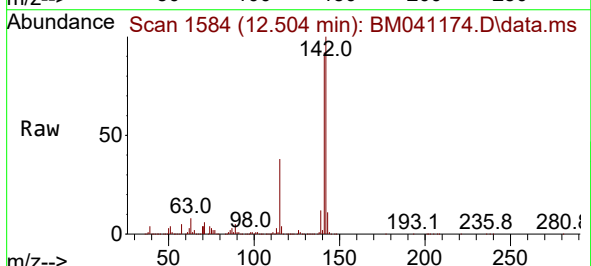
Tgt Ion:142 Resp: 1056646

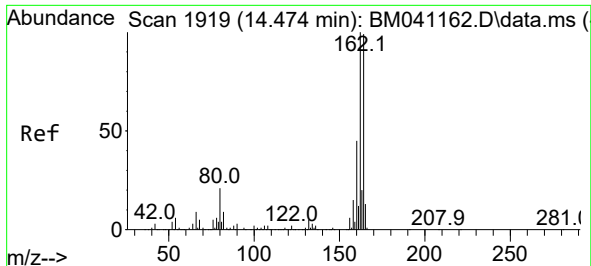
Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2

116 4.0 3.2 4.8

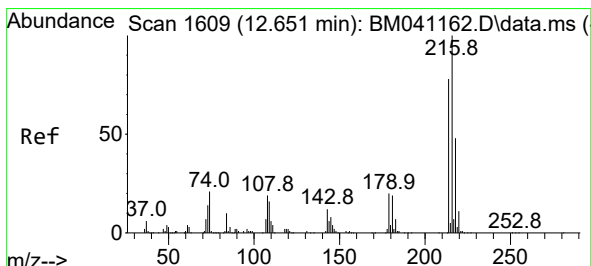
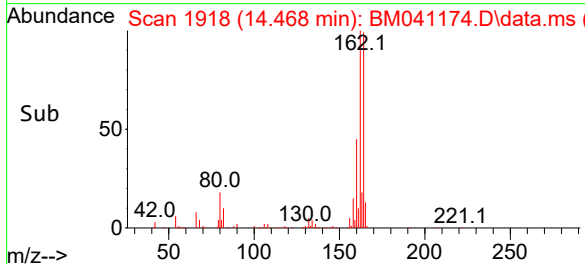
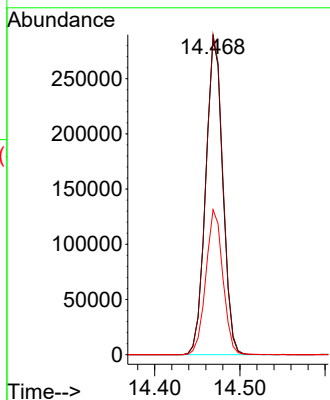
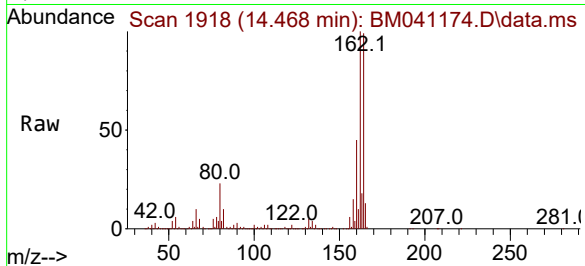




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

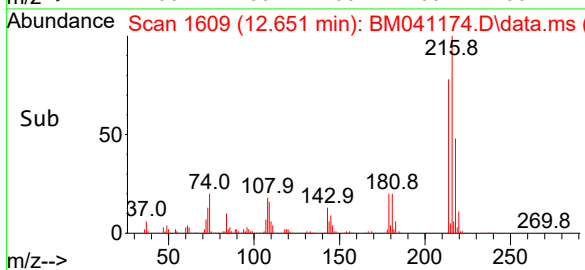
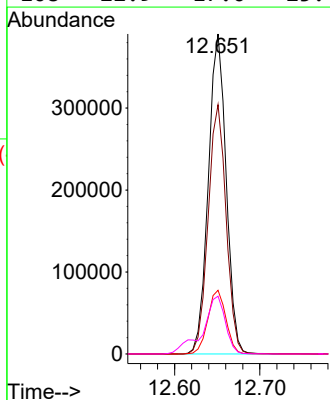
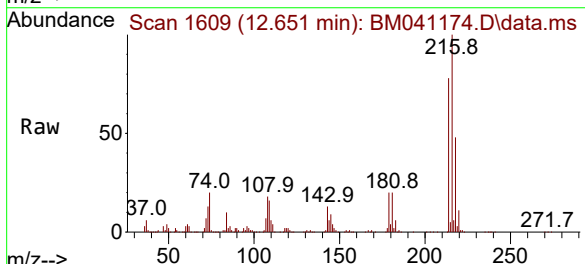
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

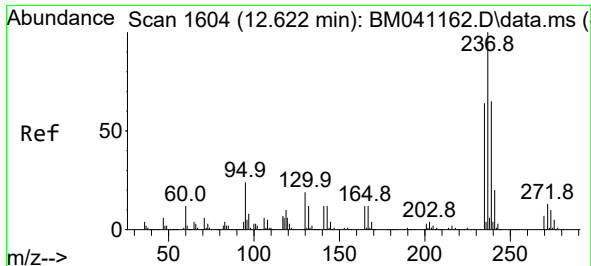
Tgt Ion:164 Resp: 398072
Ion Ratio Lower Upper
164 100
162 101.0 80.4 120.6
160 45.8 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.067 ng
RT: 12.651 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:216 Resp: 569598
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 20.2 16.2 24.2
108 22.9 17.0 25.4

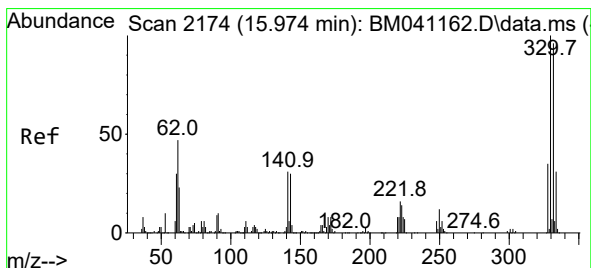
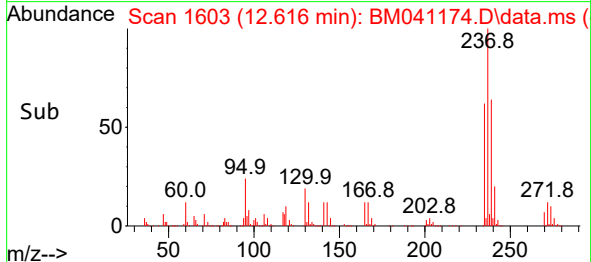
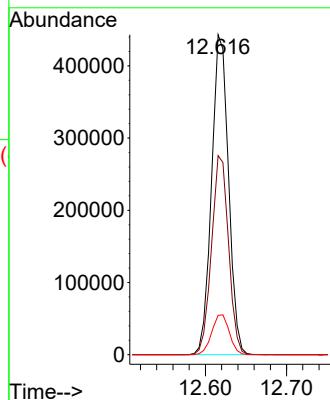
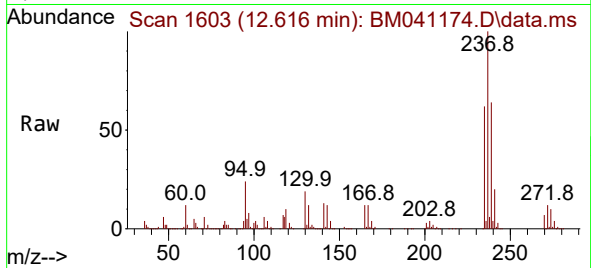




#41
Hexachlorocyclopentadiene
Concen: 93.686 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

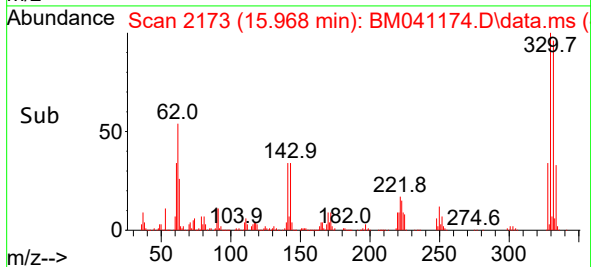
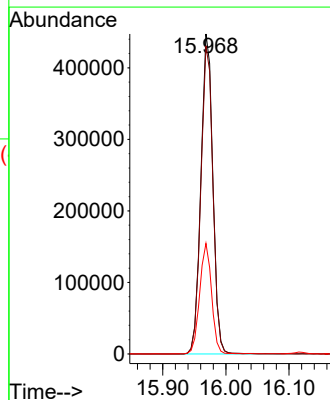
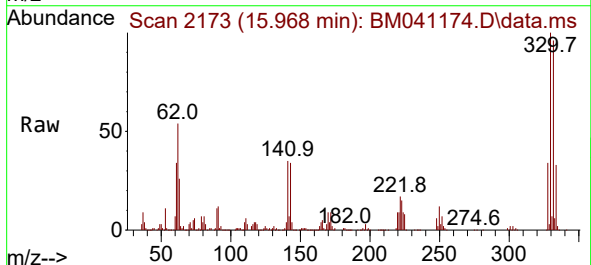
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

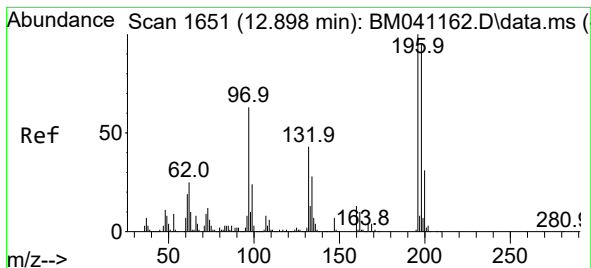
Tgt Ion:237 Resp: 640660
Ion Ratio Lower Upper
237 100
235 62.2 43.6 83.6
272 12.3 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 104.317 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:330 Resp: 587357
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 34.4 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 47.043 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

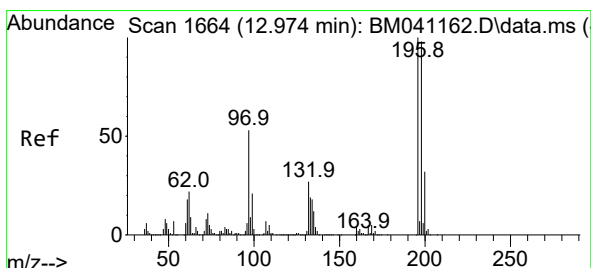
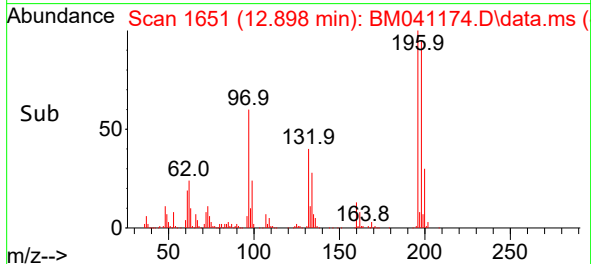
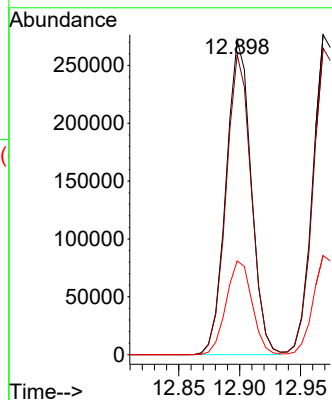
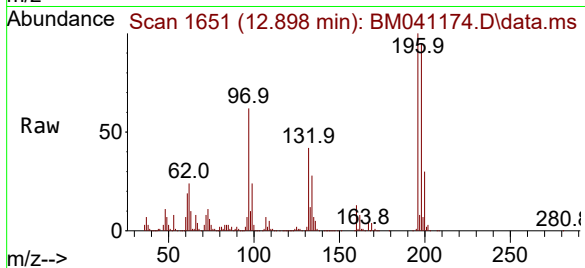
Tgt Ion:196 Resp: 389735

Ion Ratio Lower Upper

196 100

198 95.3 76.2 114.4

200 29.8 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 44.316 ng

RT: 12.969 min Scan# 1663

Delta R.T. -0.005 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Tgt Ion:196 Resp: 424941

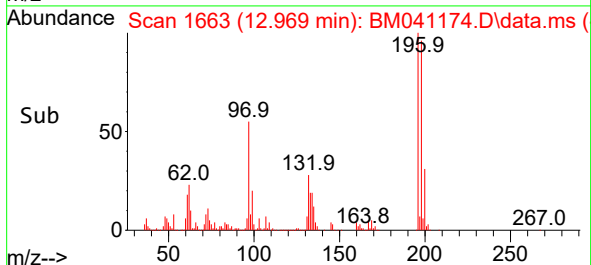
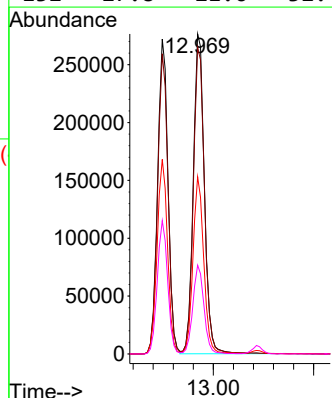
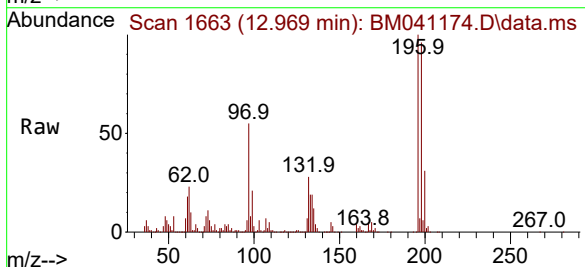
Ion Ratio Lower Upper

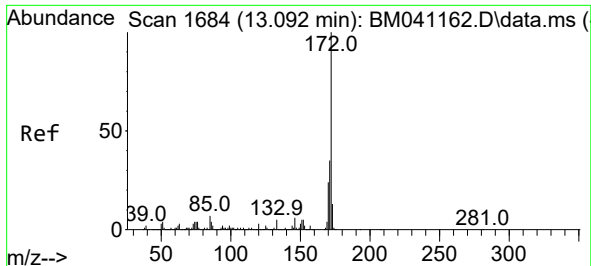
196 100

198 95.8 78.2 117.4

97 55.3 42.7 64.1

132 27.8 21.6 32.4

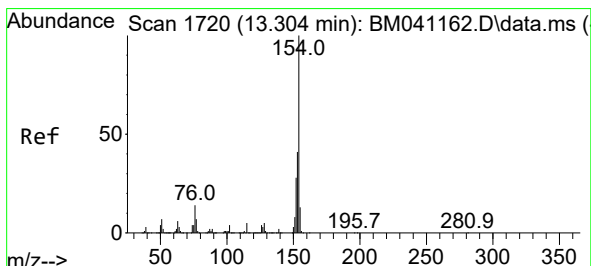
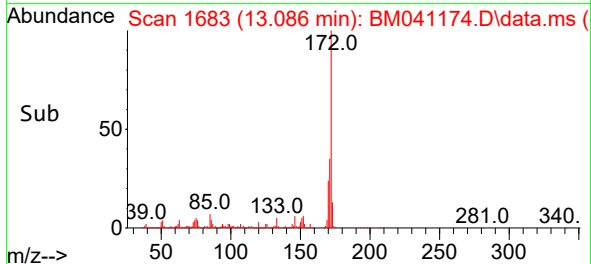
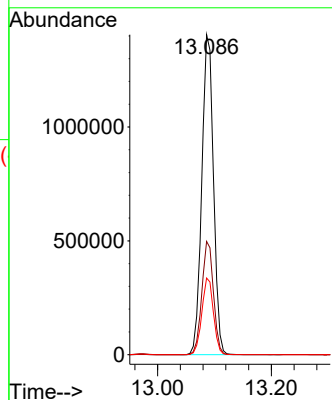
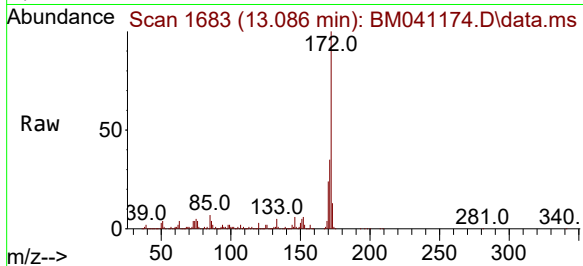




#45
2-Fluorobiphenyl
Concen: 63.732 ng
RT: 13.086 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

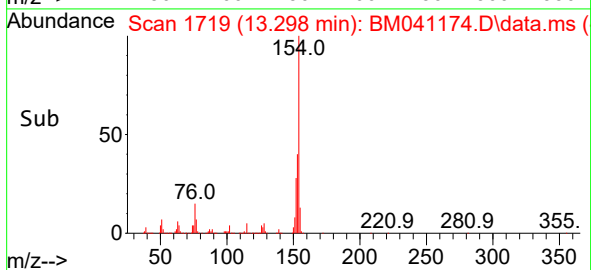
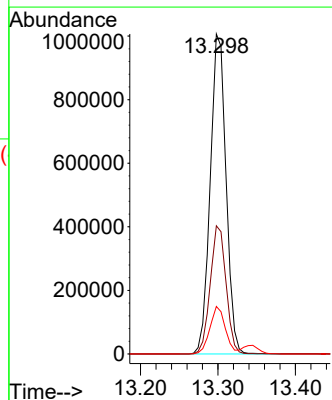
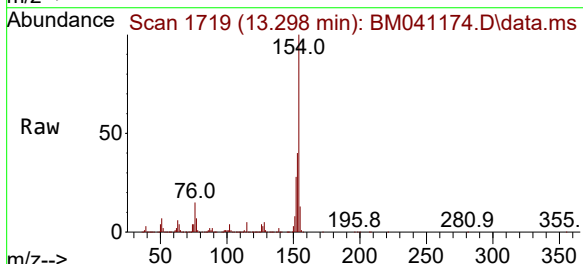
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

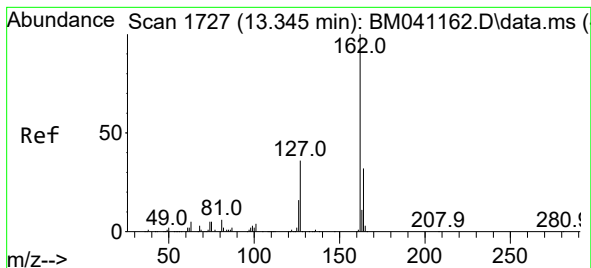
Tgt Ion:172 Resp: 2008303
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 44.140 ng
RT: 13.298 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:154 Resp: 1424448
Ion Ratio Lower Upper
154 100
153 40.0 20.5 60.5
76 14.9 0.0 34.1





#47

2-Chloronaphthalene

Concen: 45.384 ng

RT: 13.345 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

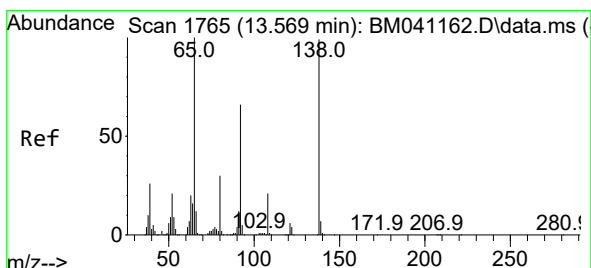
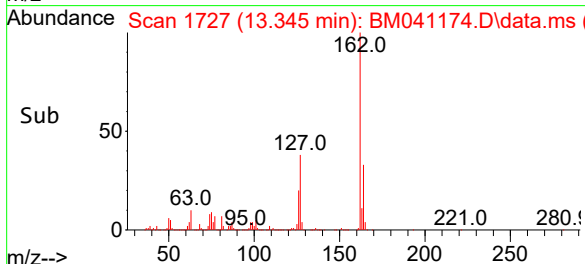
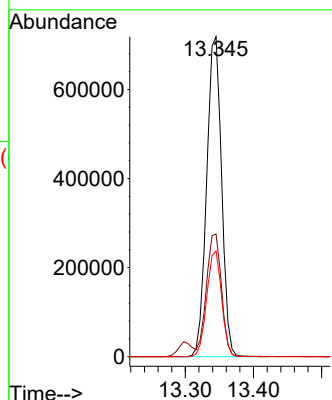
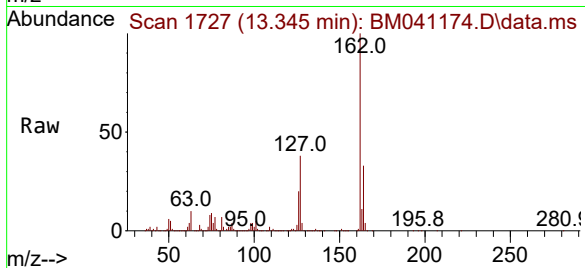
Tgt Ion:162 Resp: 1093568

Ion Ratio Lower Upper

162 100

127 38.4 30.6 45.8

164 33.1 25.6 38.4



#48

2-Nitroaniline

Concen: 47.696 ng

RT: 13.563 min Scan# 1764

Delta R.T. -0.006 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

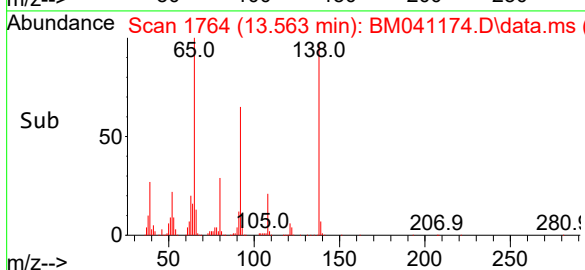
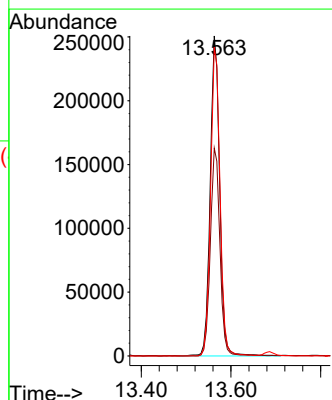
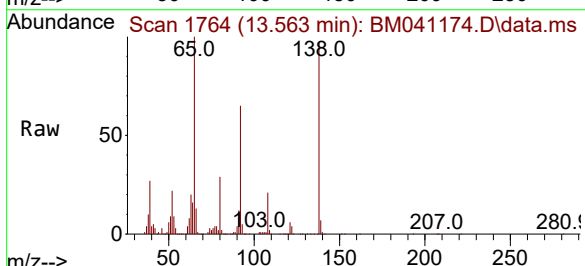
Tgt Ion: 65 Resp: 366853

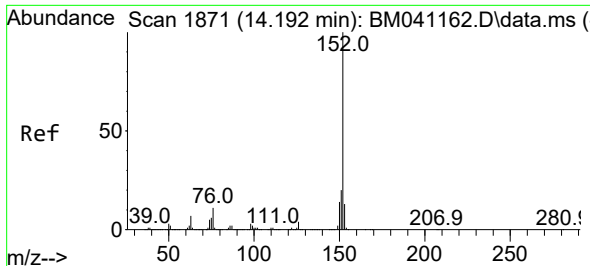
Ion Ratio Lower Upper

65 100

92 65.0 53.0 79.4

138 96.6 79.1 118.7

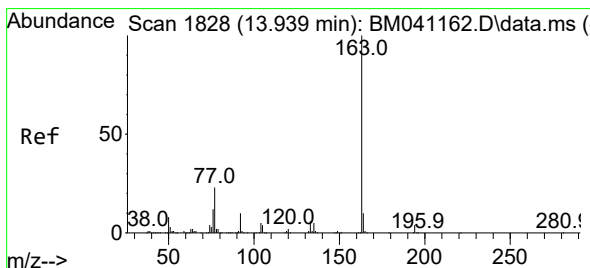
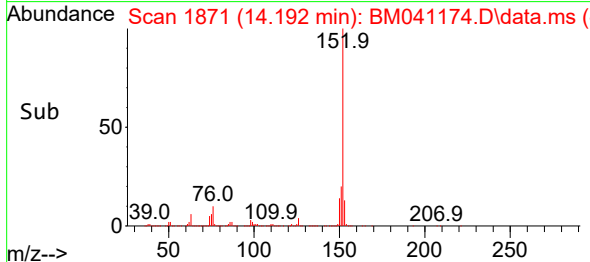
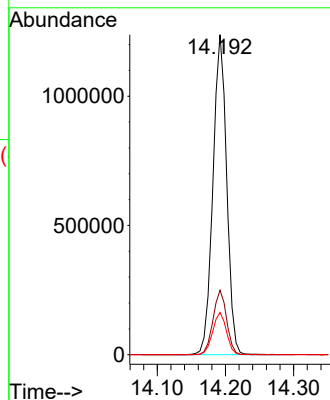
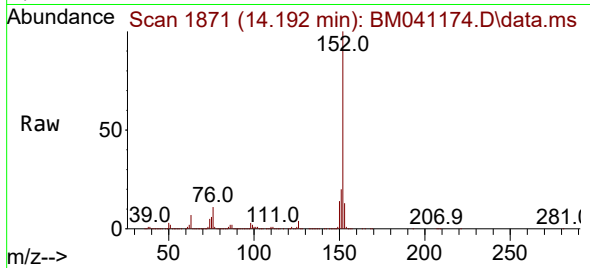




#49
Acenaphthylene
Concen: 44.686 ng
RT: 14.192 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

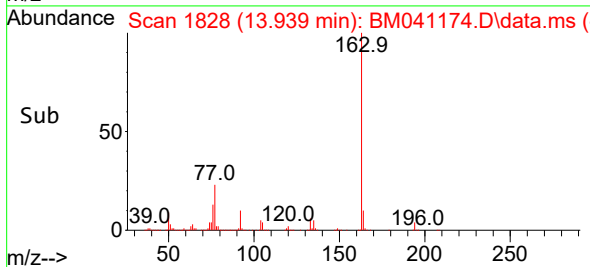
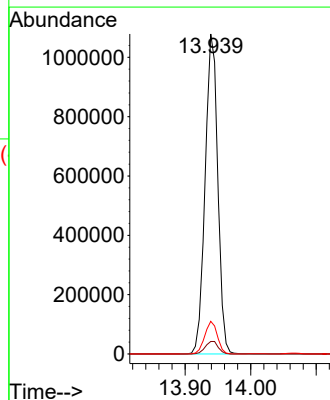
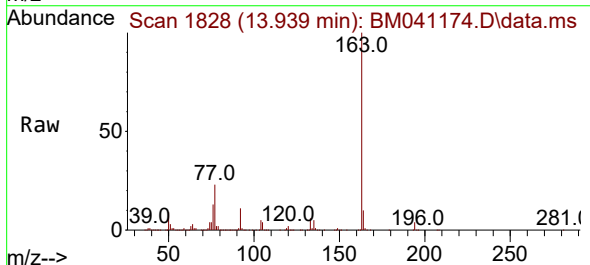
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

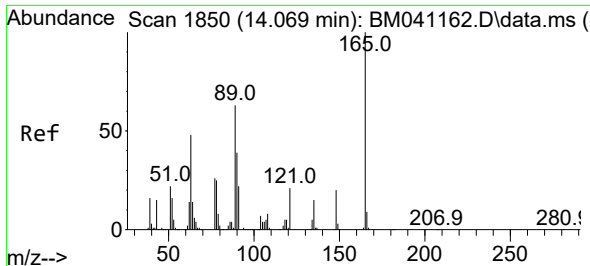
Tgt Ion:152 Resp: 1737954
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 48.385 ng
RT: 13.939 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:163 Resp: 1448831
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.3 12.5

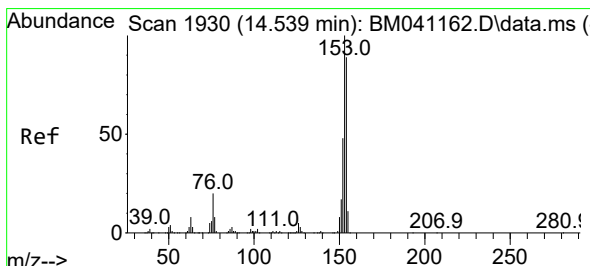
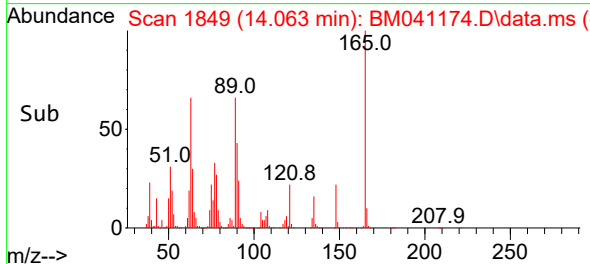
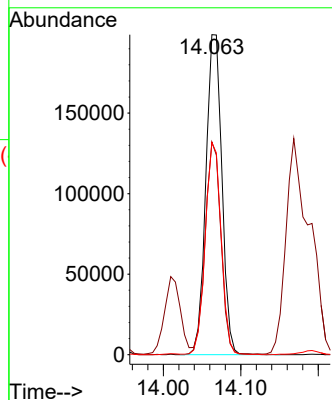
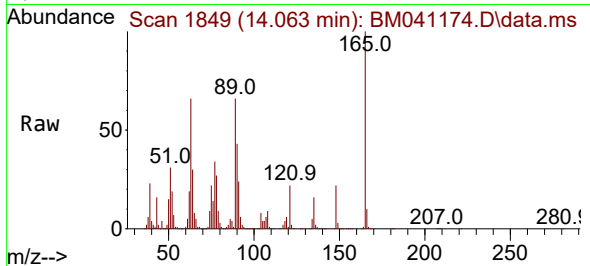




#51
2,6-Dinitrotoluene
Concen: 45.951 ng
RT: 14.063 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

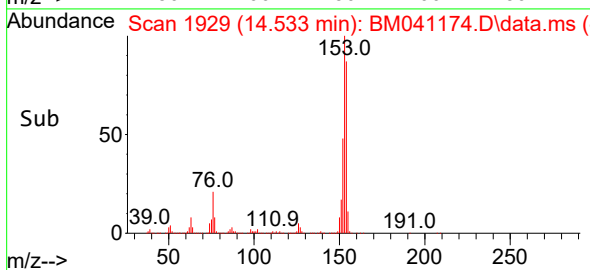
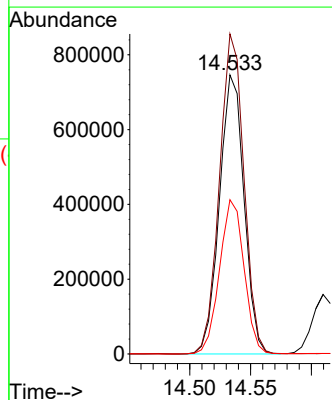
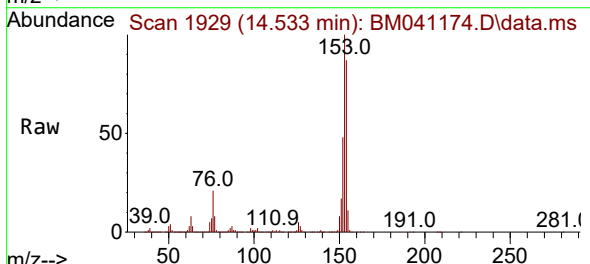
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

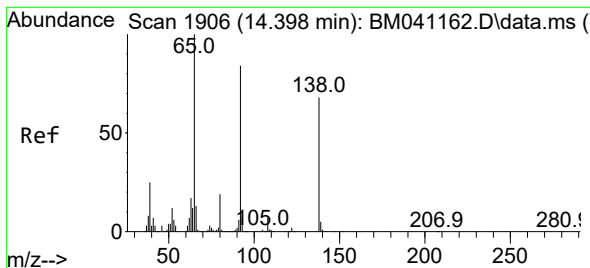
Tgt Ion:165 Resp: 285094
Ion Ratio Lower Upper
165 100
63 66.5 50.9 76.3
89 66.3 50.6 76.0



#52
Acenaphthene
Concen: 44.760 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:154 Resp: 1048736
Ion Ratio Lower Upper
154 100
153 114.7 90.2 135.4
152 55.3 43.4 65.0

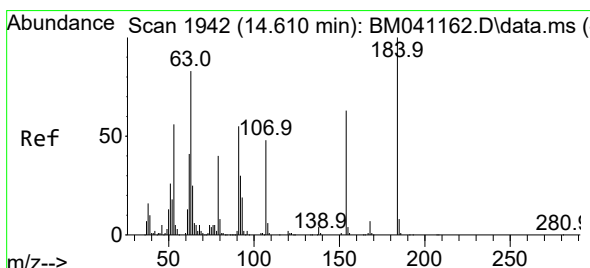
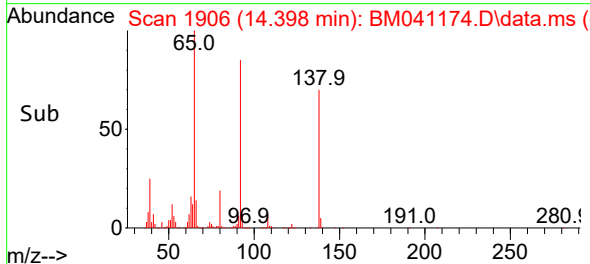
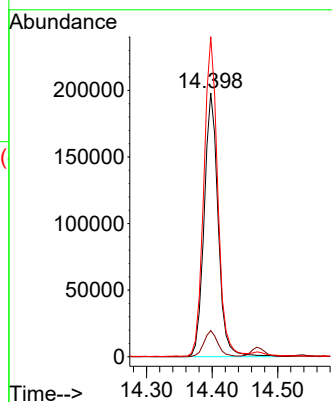
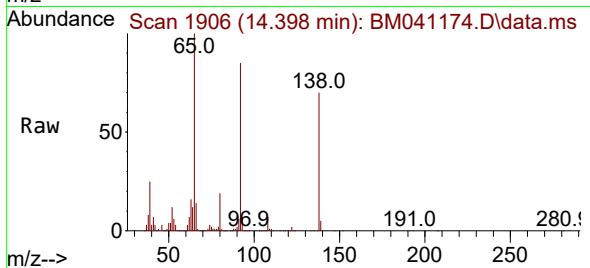




#53
3-Nitroaniline
Concen: 41.331 ng
RT: 14.398 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

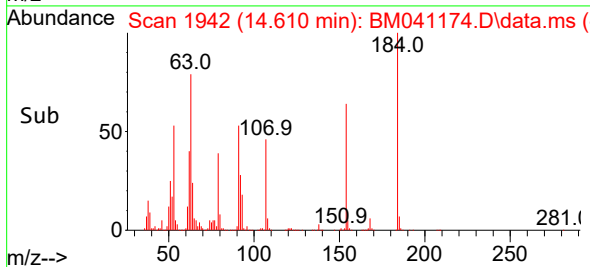
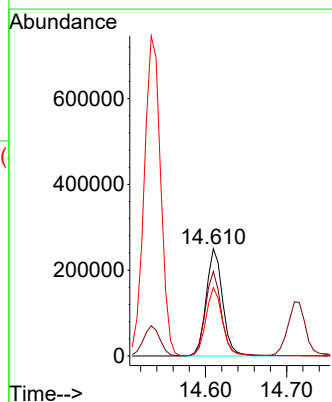
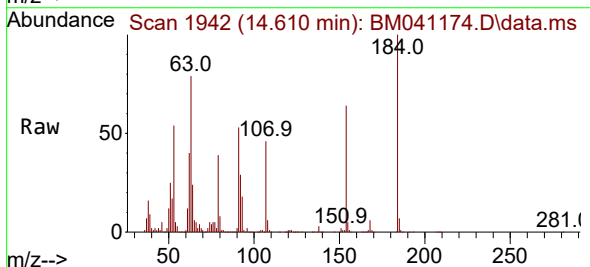
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

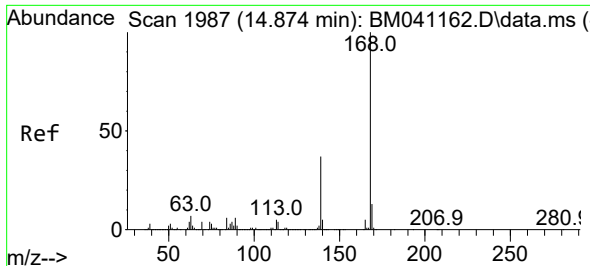
Tgt Ion:138 Resp: 294021
Ion Ratio Lower Upper
138 100
108 9.9 7.6 11.4
92 121.4 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 83.258 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:184 Resp: 349907
Ion Ratio Lower Upper
184 100
63 78.8 66.5 99.7
154 63.7 52.8 79.2

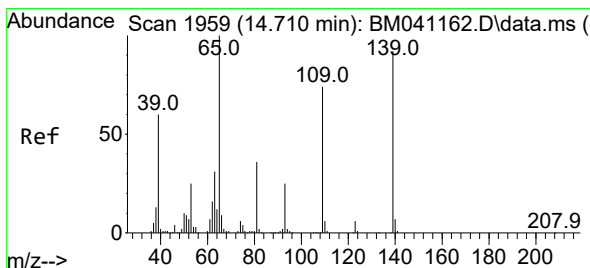
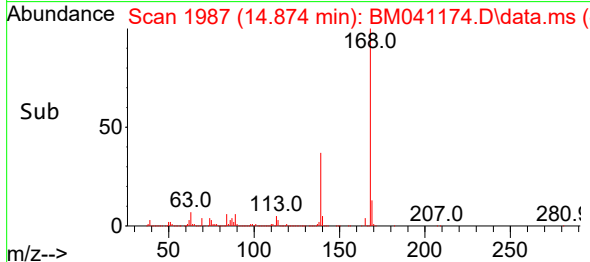
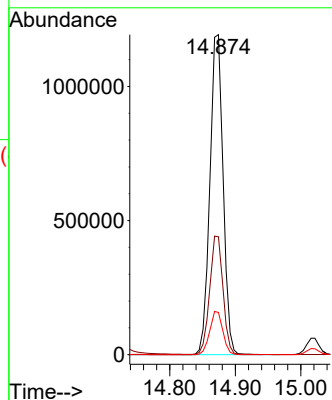
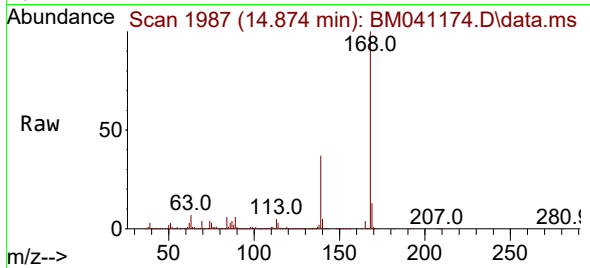




#55
Dibenzofuran
Concen: 43.911 ng
RT: 14.874 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

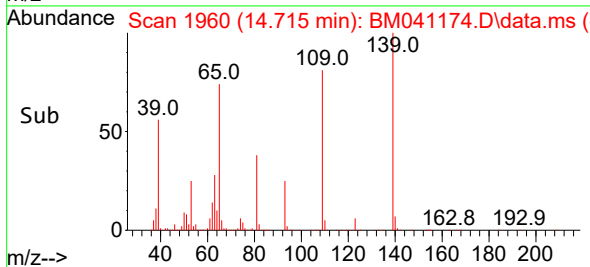
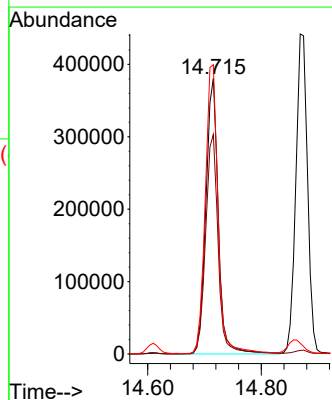
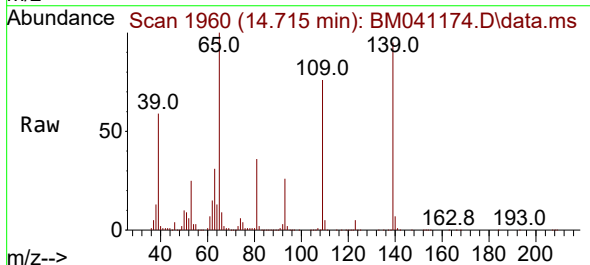
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

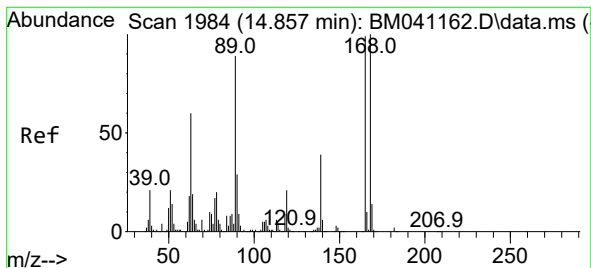
Tgt Ion:168 Resp: 1678610
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.6
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 111.728 ng
RT: 14.715 min Scan# 1960
Delta R.T. 0.005 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:139 Resp: 577725
Ion Ratio Lower Upper
139 100
109 79.7 61.2 101.2
65 105.0 89.5 129.5

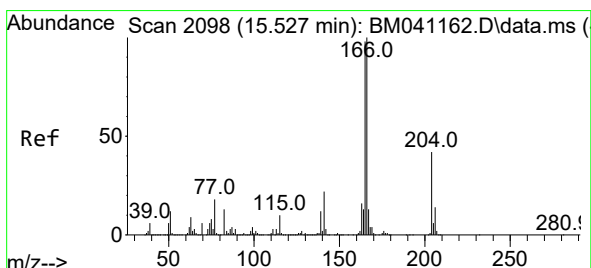
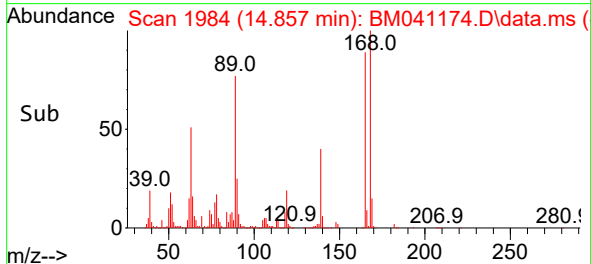
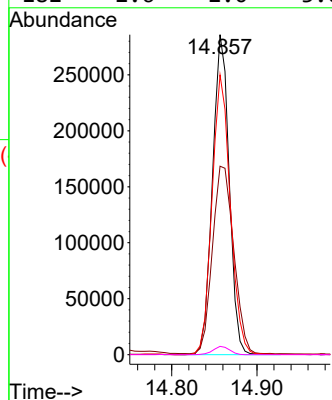
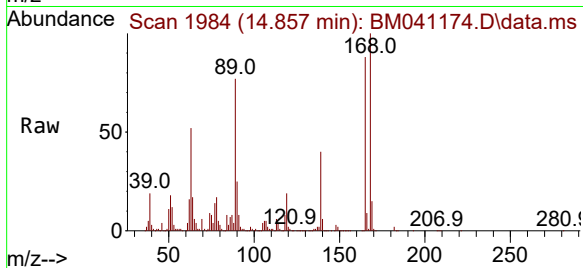




#57
2,4-Dinitrotoluene
Concen: 44.119 ng
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

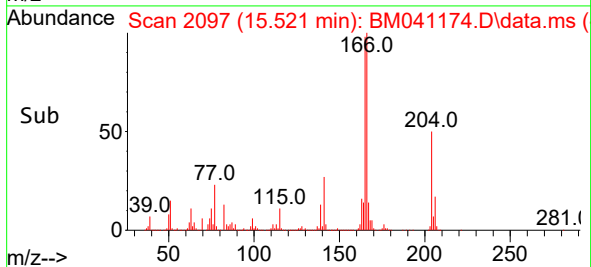
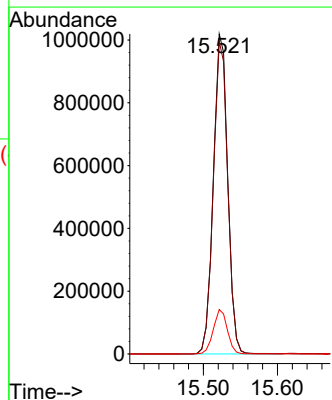
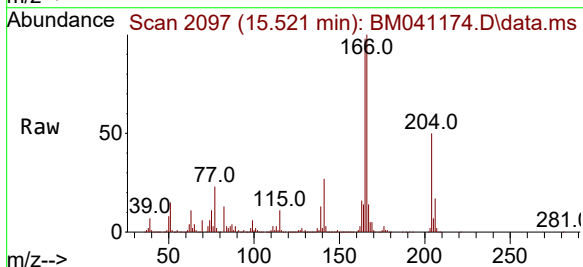
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

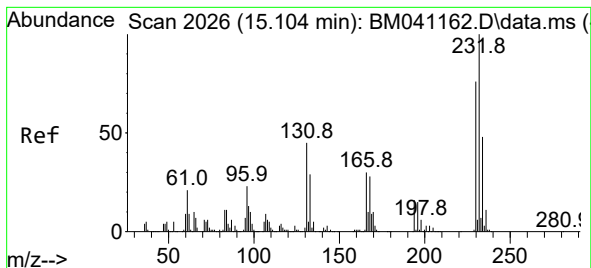
Tgt Ion:165 Resp: 388877
Ion Ratio Lower Upper
165 100
63 58.9 48.3 72.5
89 87.5 71.8 107.8
182 2.6 2.0 3.0



#58
Fluorene
Concen: 45.453 ng
RT: 15.521 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:166 Resp: 1370718
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.4
167 13.9 10.6 16.0

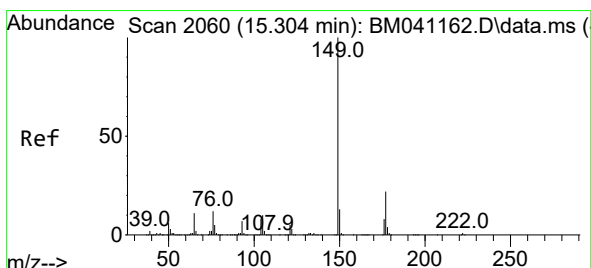
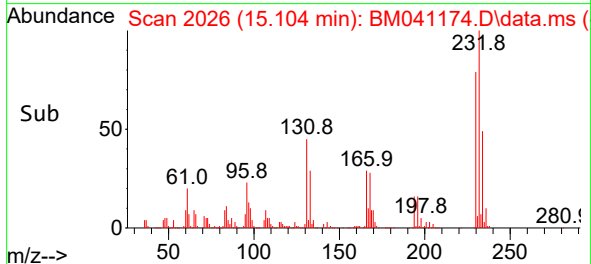
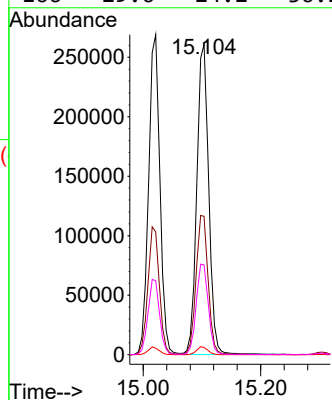
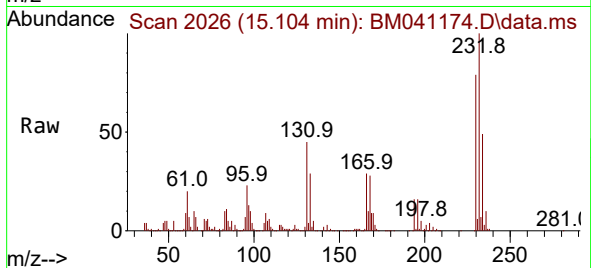




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.222 ng
RT: 15.104 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

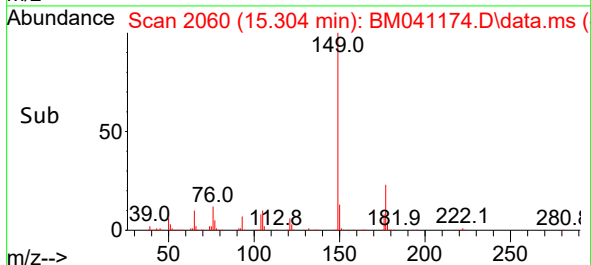
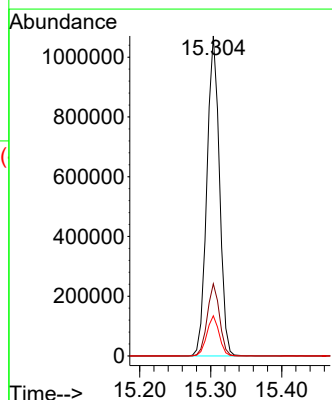
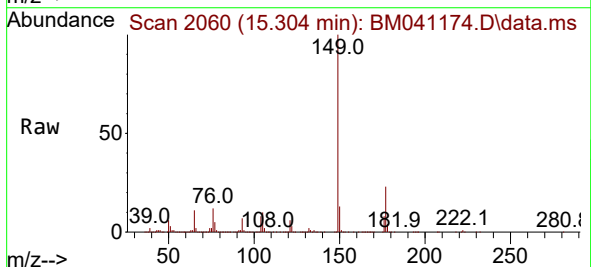
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

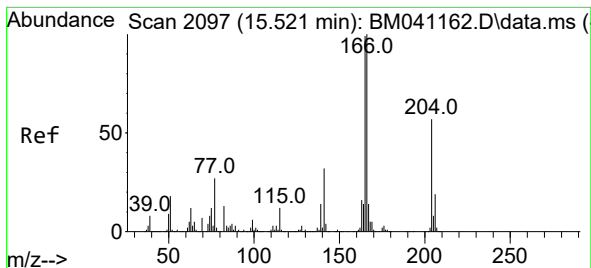
Tgt Ion:232 Resp: 366669
Ion Ratio Lower Upper
232 100
131 45.4 36.9 55.3
130 2.4 2.0 3.0
166 29.6 24.2 36.2



#60
Diethylphthalate
Concen: 45.531 ng
RT: 15.304 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:149 Resp: 1318439
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 12.6 10.1 15.1

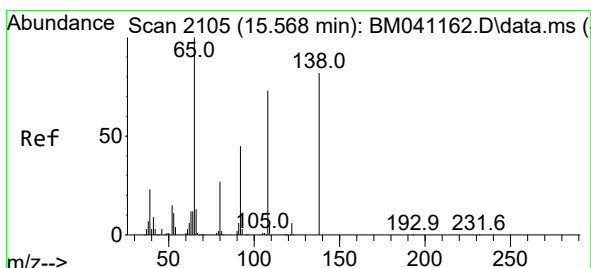
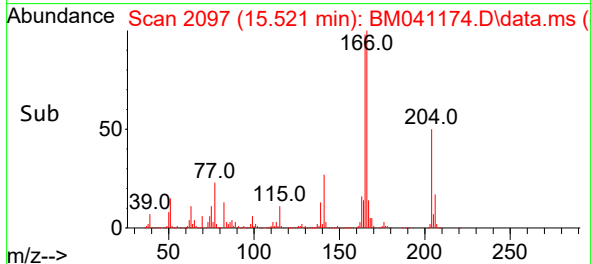
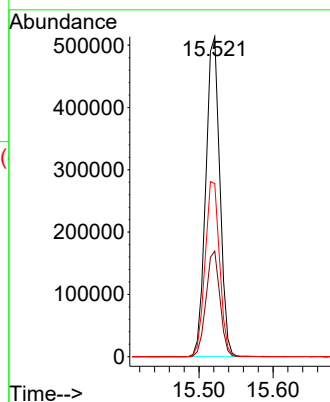
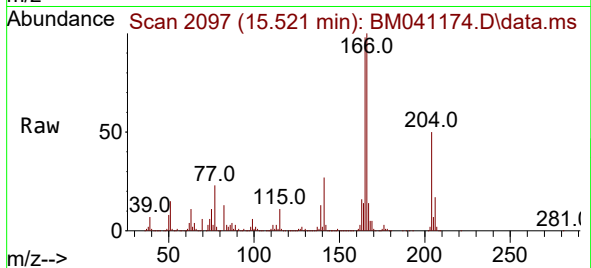




#61
4-Chlorophenyl-phenylether
Concen: 44.799 ng
RT: 15.521 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

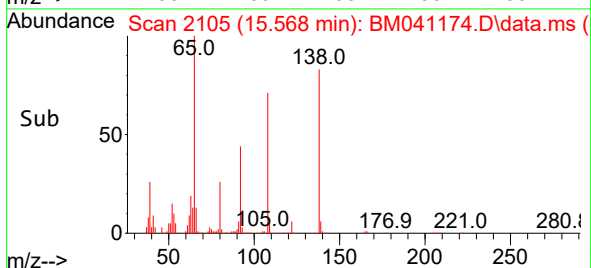
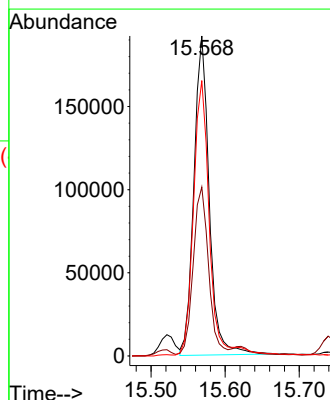
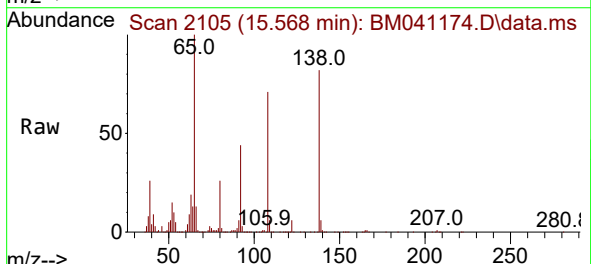
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

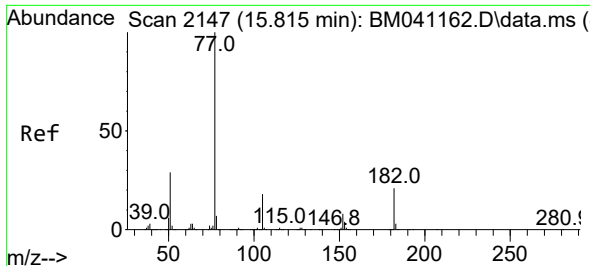
Tgt Ion:204 Resp: 676999
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 54.1 44.8 67.2



#62
4-Nitroaniline
Concen: 42.220 ng
RT: 15.568 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:138 Resp: 275767
Ion Ratio Lower Upper
138 100
92 52.8 35.1 75.1
108 86.0 67.8 107.8

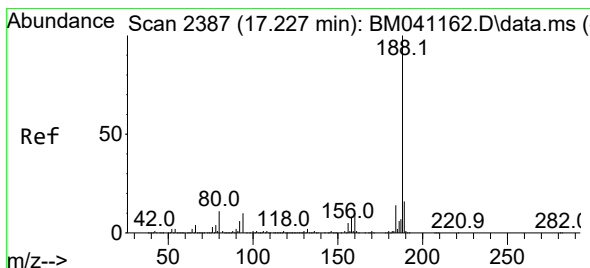
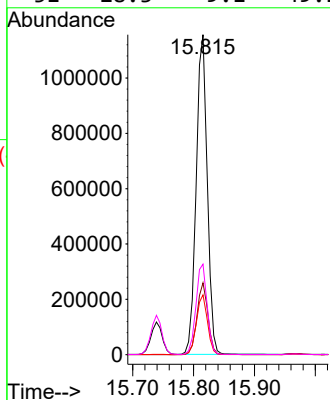
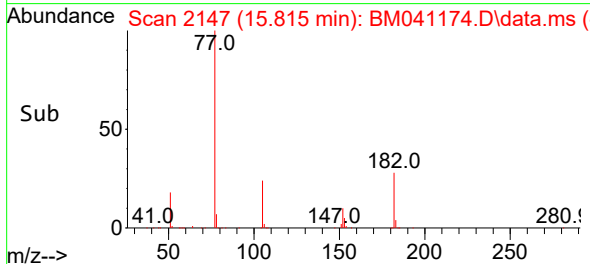
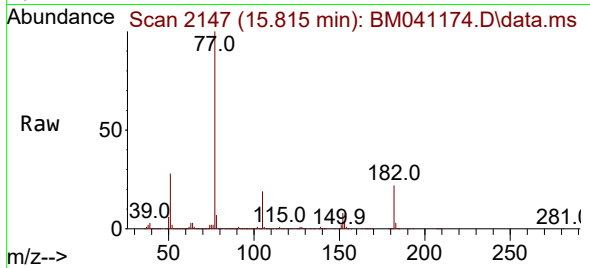




#63
Azobenzene
Concen: 45.977 ng
RT: 15.815 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

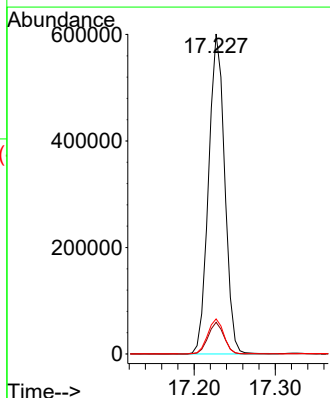
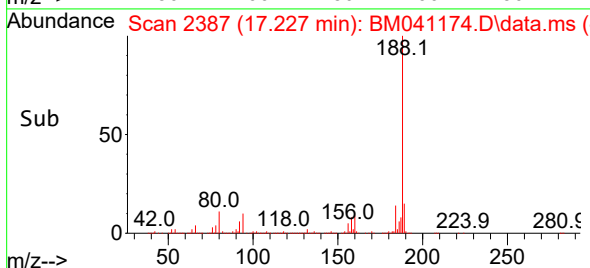
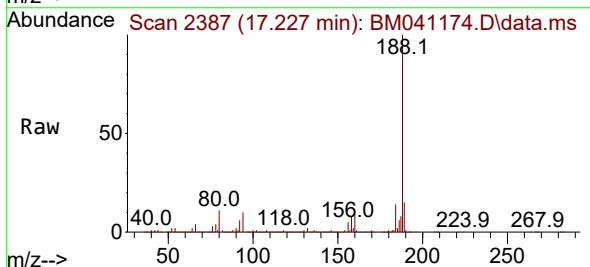
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

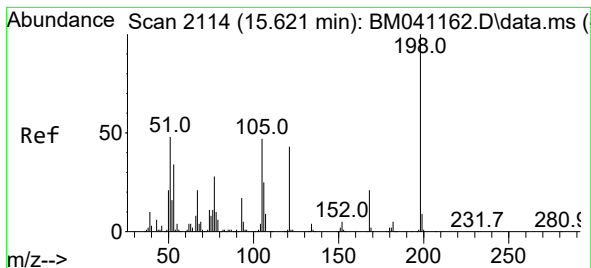
Tgt Ion: 77 Resp: 1458339
Ion Ratio Lower Upper
77 100
182 22.4 1.3 41.3
105 18.7 0.0 38.5
51 28.3 9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion: 188 Resp: 828030
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.9 8.6 13.0

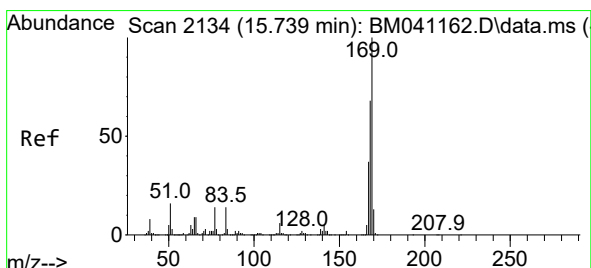
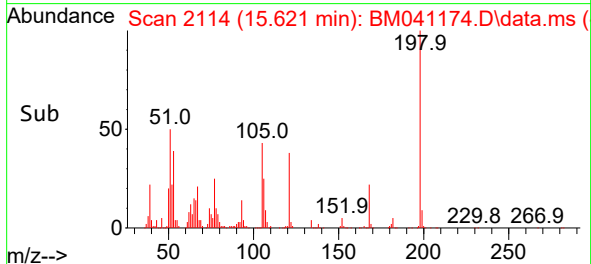
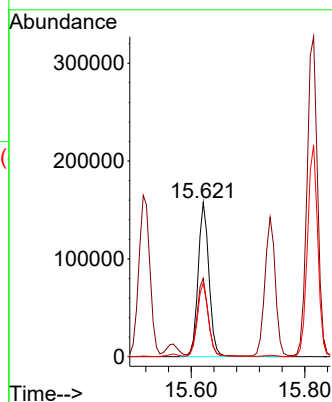
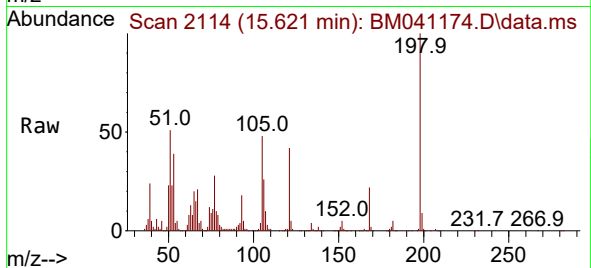




#65
4,6-Dinitro-2-methylphenol
Concen: 41.995 ng
RT: 15.621 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

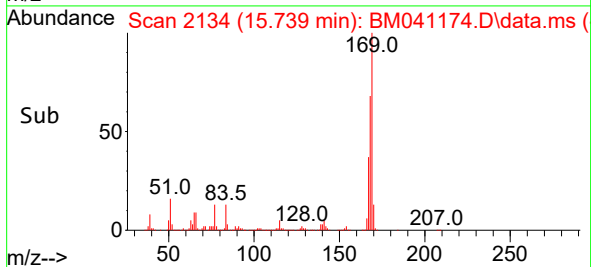
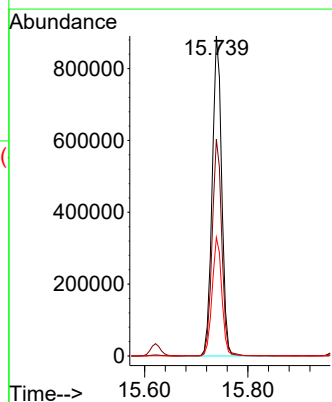
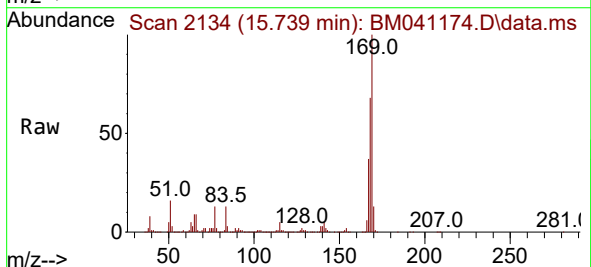
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

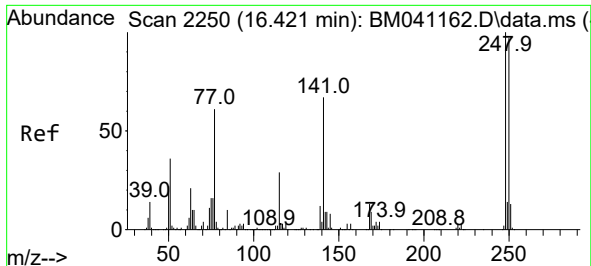
Tgt Ion:198 Resp: 210656
Ion Ratio Lower Upper
198 100
51 50.9 31.7 71.7
105 47.8 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 44.124 ng
RT: 15.739 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:169 Resp: 1136297
Ion Ratio Lower Upper
169 100
168 67.7 54.6 81.8
167 37.1 29.9 44.9

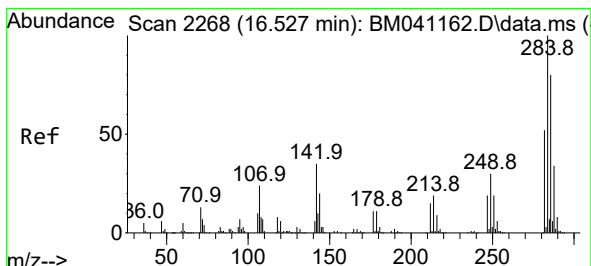
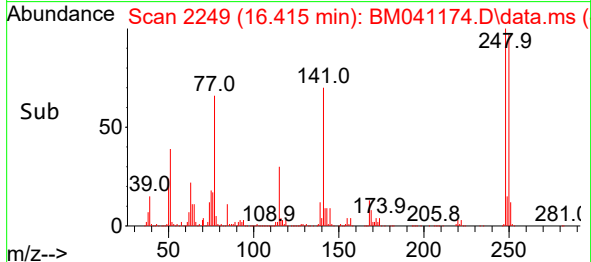
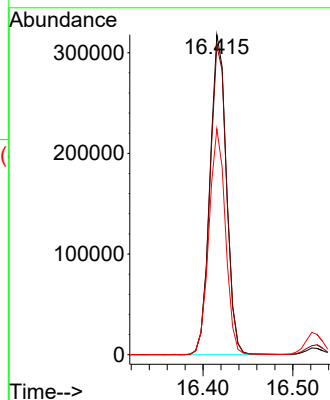
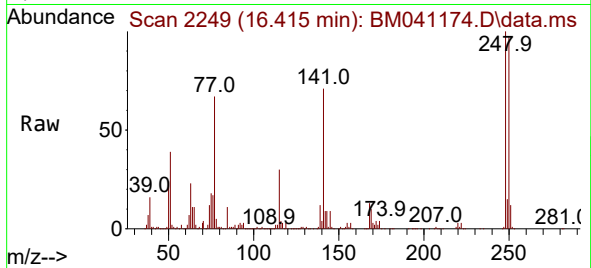




#67
4-Bromophenyl-phenylether
Concen: 44.681 ng
RT: 16.415 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

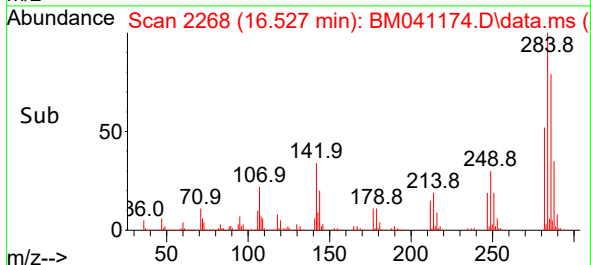
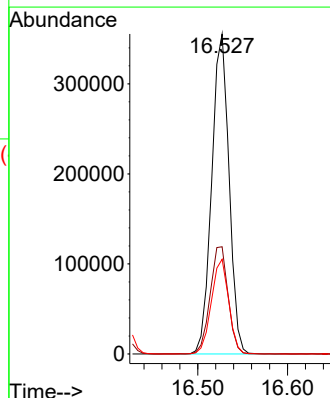
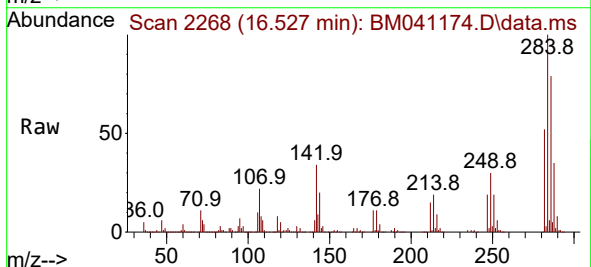
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

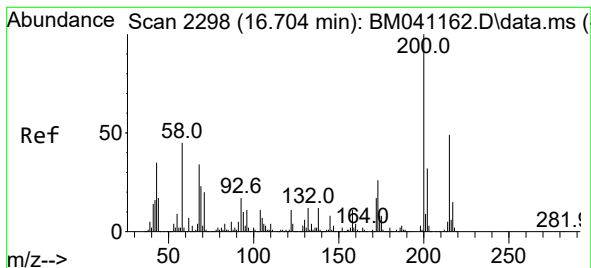
Tgt Ion:248 Resp: 405642
Ion Ratio Lower Upper
248 100
250 96.6 78.0 117.0
141 70.6 53.8 80.8



#68
Hexachlorobenzene
Concen: 47.203 ng
RT: 16.527 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:284 Resp: 476517
Ion Ratio Lower Upper
284 100
142 33.5 28.0 42.0
249 29.6 23.7 35.5





#69

Atrazine

Concen: 58.341 ng

RT: 16.704 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

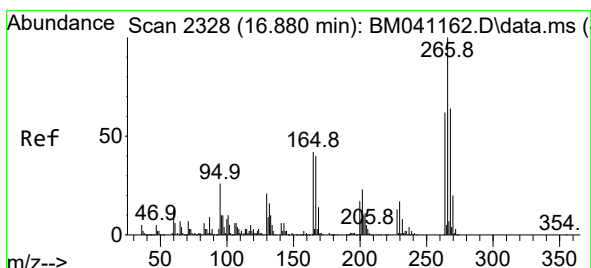
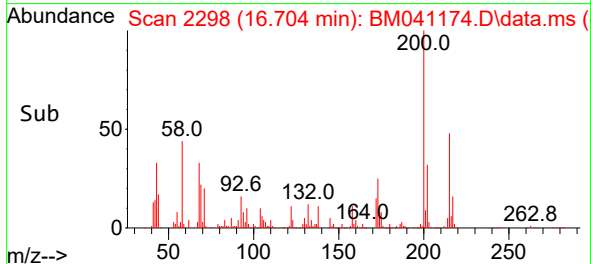
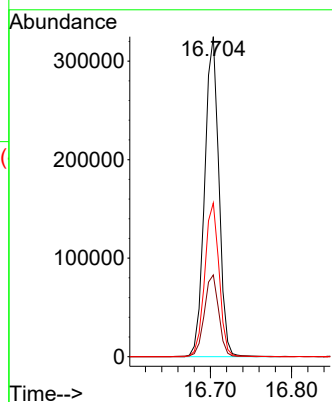
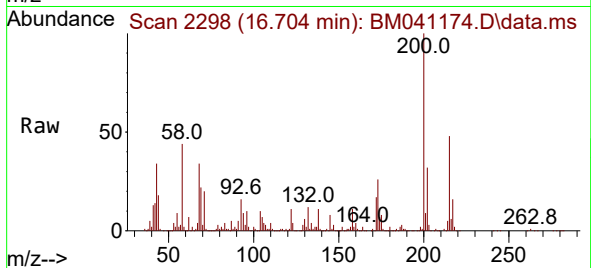
Tgt Ion:200 Resp: 394558

Ion Ratio Lower Upper

200 100

173 25.6 5.6 45.6

215 48.1 28.5 68.5



#70

Pentachlorophenol

Concen: 89.470 ng

RT: 16.880 min Scan# 2328

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

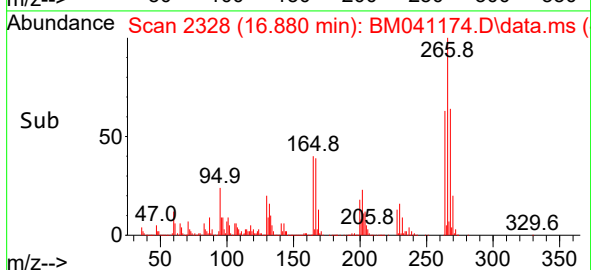
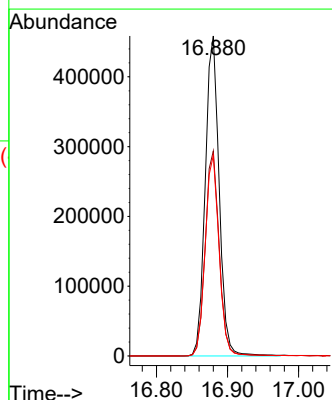
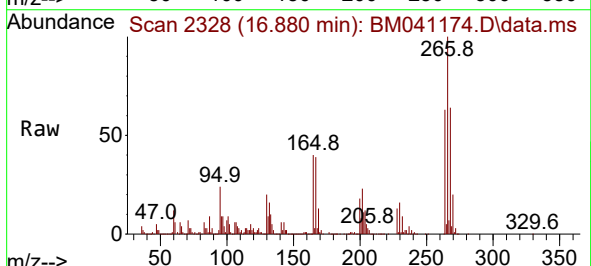
Tgt Ion:266 Resp: 625435

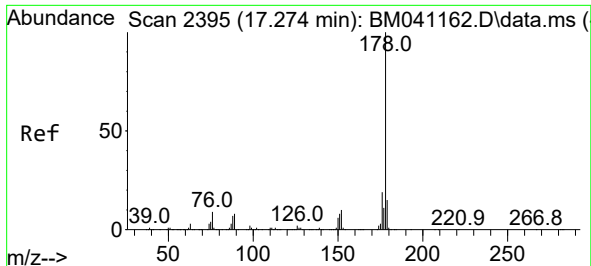
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 62.7 49.4 74.2

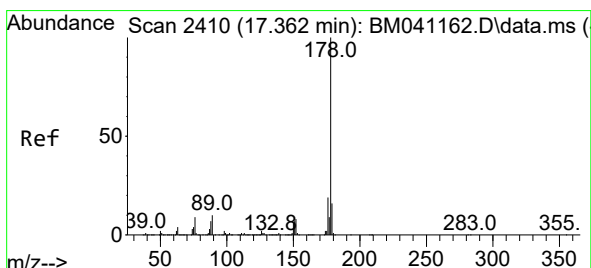
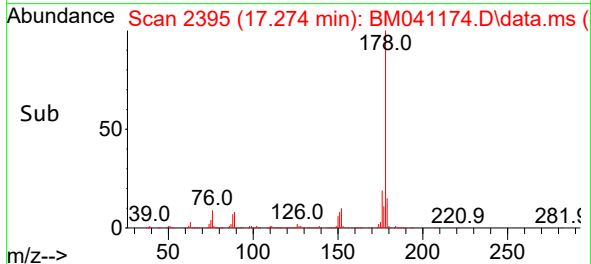
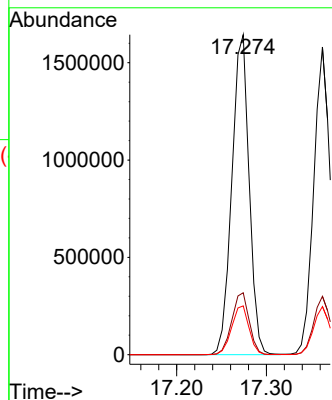
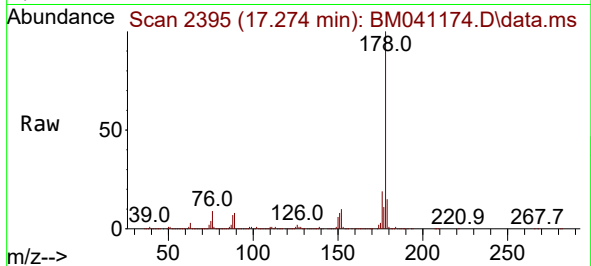




#71
Phenanthrene
Concen: 47.769 ng
RT: 17.274 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

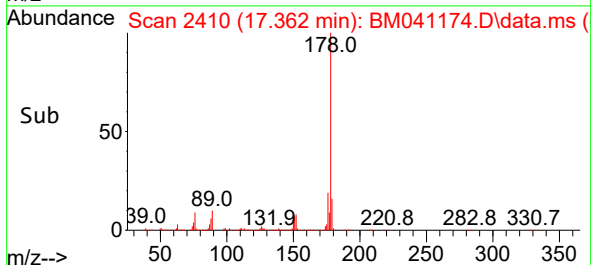
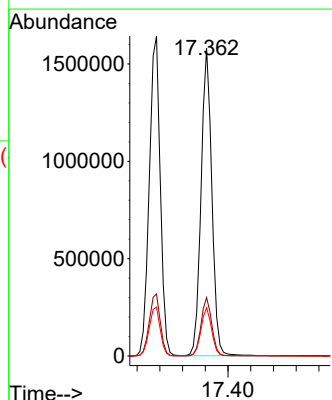
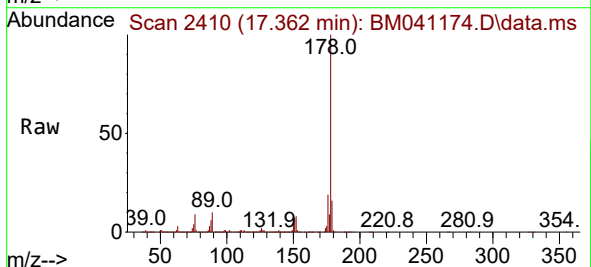
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

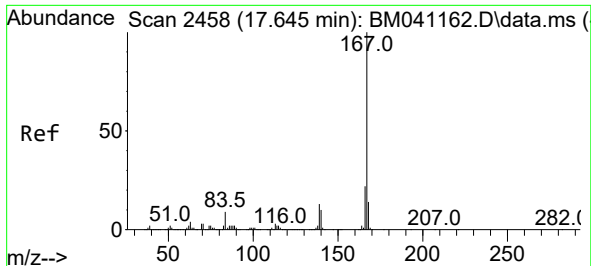
Tgt Ion:178 Resp: 2197642
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.1 18.1



#72
Anthracene
Concen: 45.809 ng
RT: 17.362 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:178 Resp: 2084323
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.7 12.4 18.6



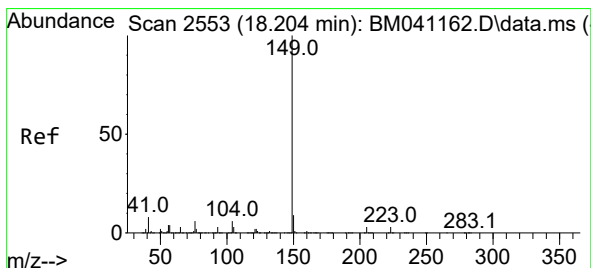
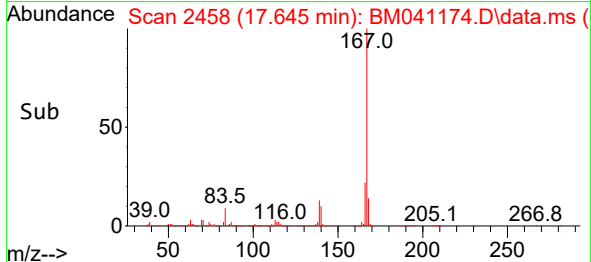
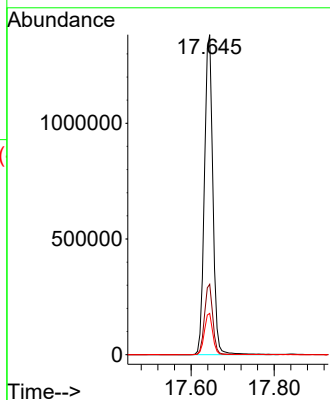
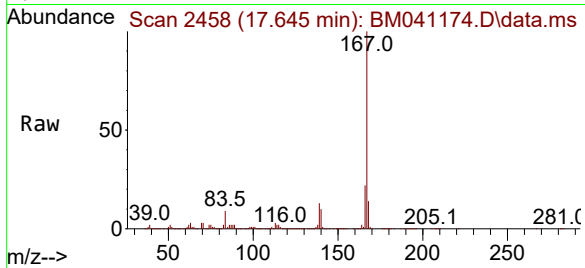


#73
 Carbazole
 Concen: 47.221 ng
 RT: 17.645 min Scan# 2458
 Delta R.T. -0.000 min
 Lab File: BM041174.D
 Acq: 28 Jul 2023 20:22

Instrument :
 BNA_M
 ClientSampleId :
 SB-04-(1-5)MS

Tgt Ion:167 Resp: 1944685

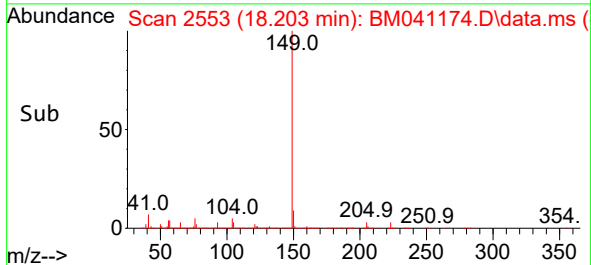
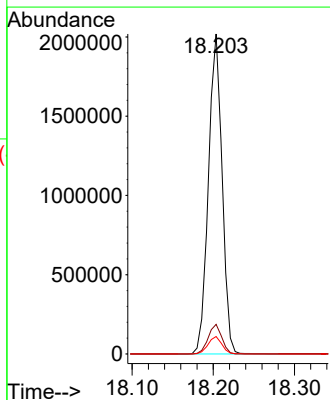
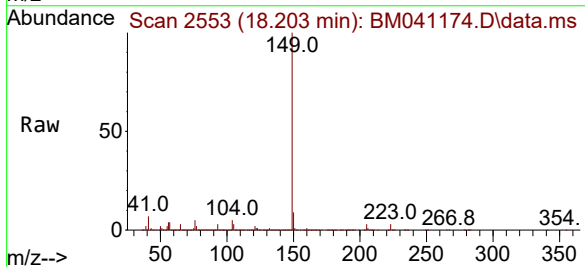
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.3	25.9
139	12.9	10.3	15.5

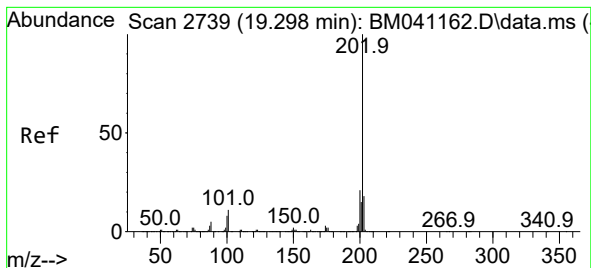


#74
 Di-n-butylphthalate
 Concen: 50.563 ng
 RT: 18.203 min Scan# 2553
 Delta R.T. -0.000 min
 Lab File: BM041174.D
 Acq: 28 Jul 2023 20:22

Tgt Ion:149 Resp: 2353018

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 51.387 ng

RT: 19.292 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

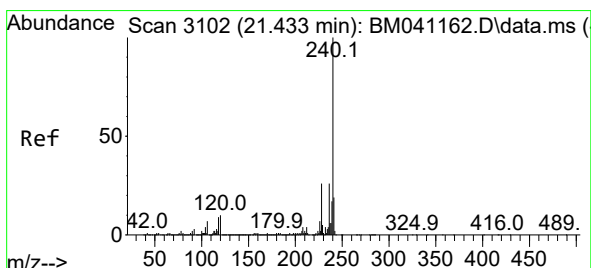
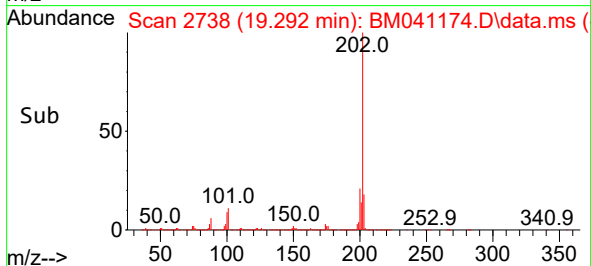
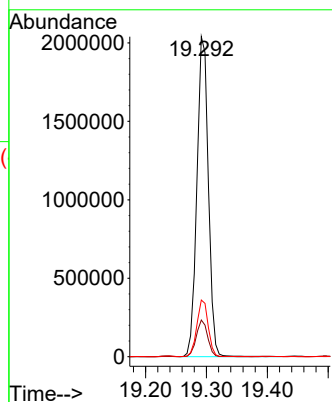
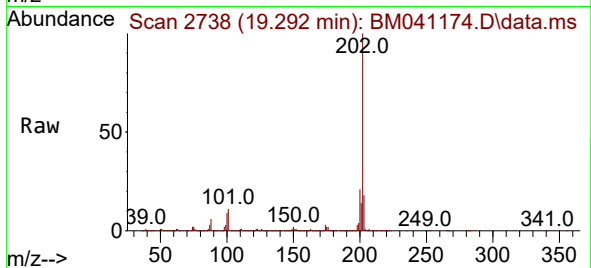
Tgt Ion:202 Resp: 2656018

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.8

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

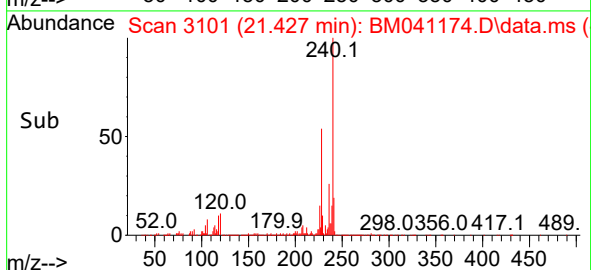
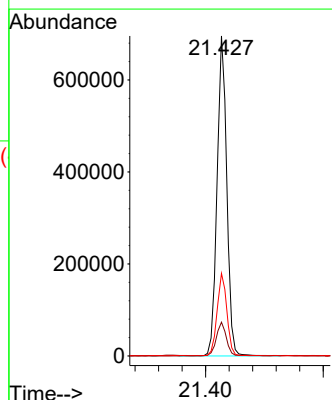
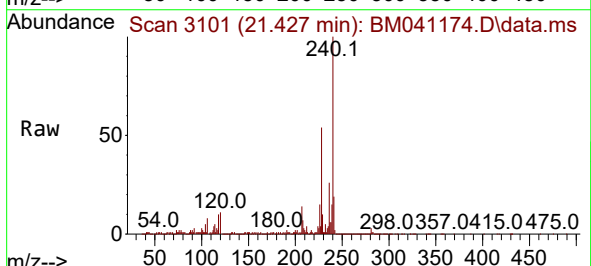
Tgt Ion:240 Resp: 795964

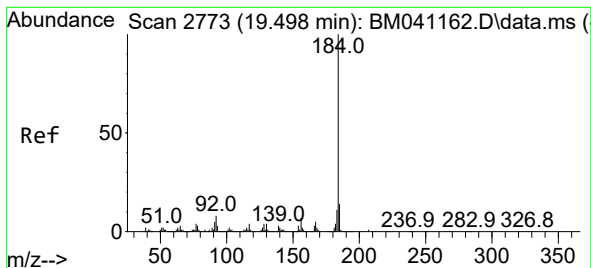
Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

236 25.8 20.6 30.8





#77

Benzidine

Concen: 73.353 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

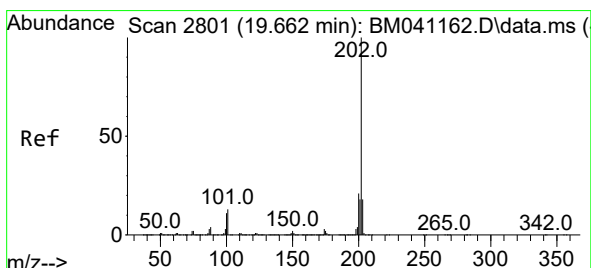
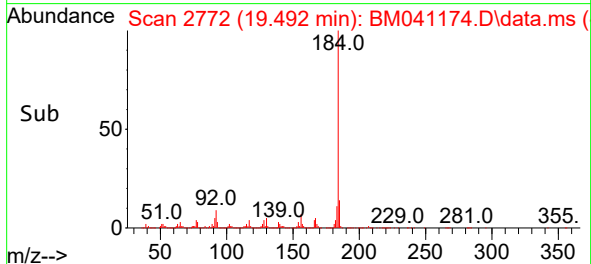
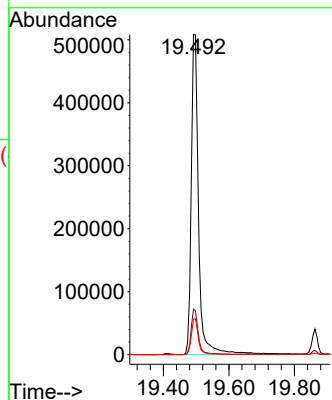
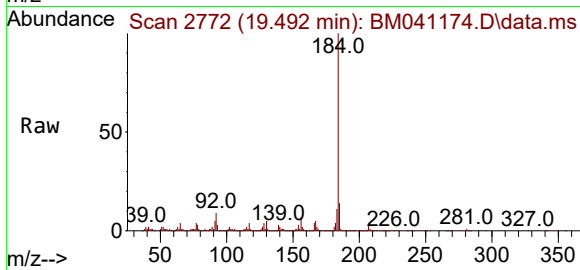
Tgt Ion:184 Resp: 795803

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 11.0 9.2 13.8



#78

Pyrene

Concen: 48.925 ng

RT: 19.656 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

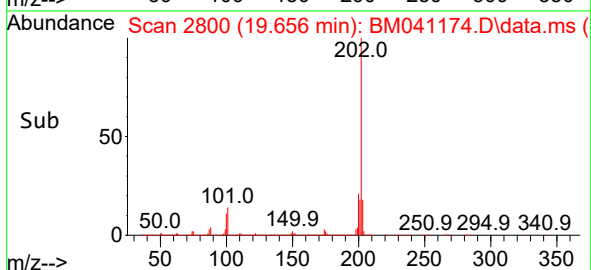
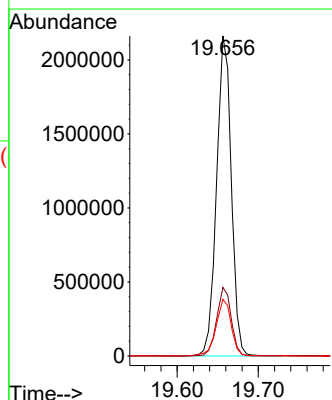
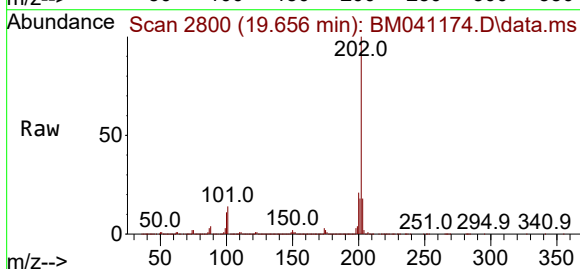
Tgt Ion:202 Resp: 2723302

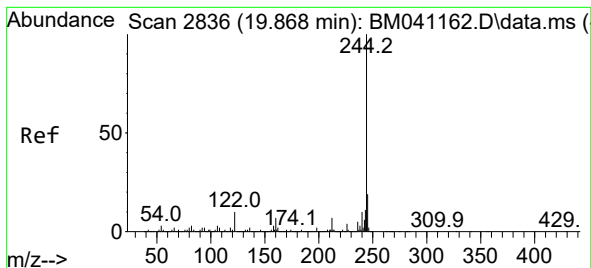
Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 70.355 ng

RT: 19.862 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

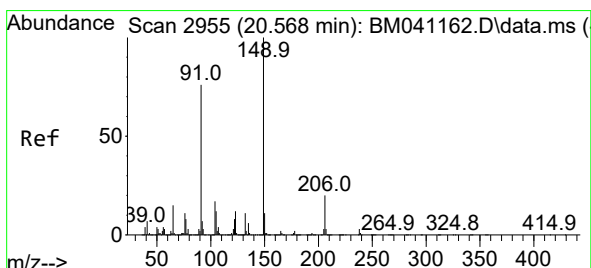
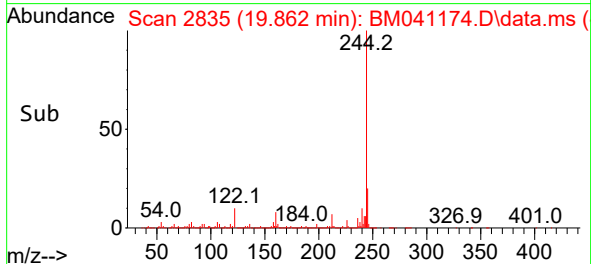
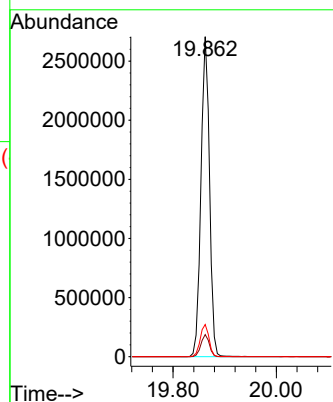
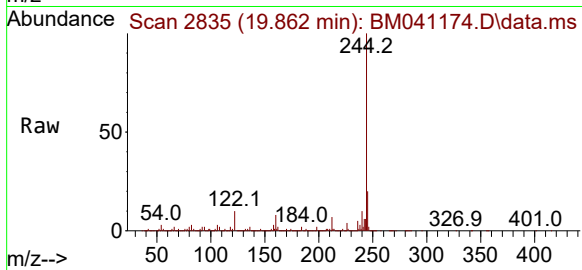
Tgt Ion:244 Resp: 3097262

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.0 7.8 11.6



#80

Butylbenzylphthalate

Concen: 52.590 ng

RT: 20.562 min Scan# 2954

Delta R.T. -0.006 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

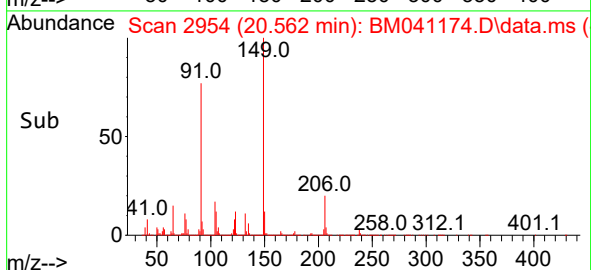
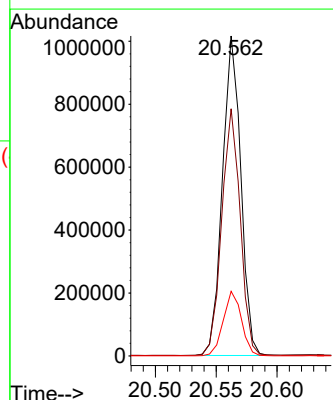
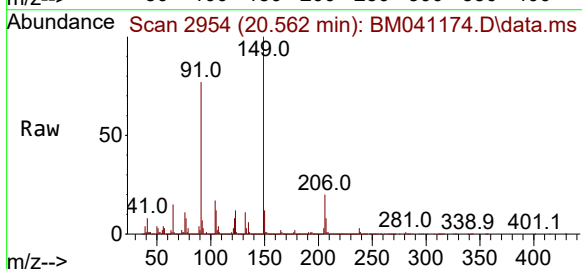
Tgt Ion:149 Resp: 1068997

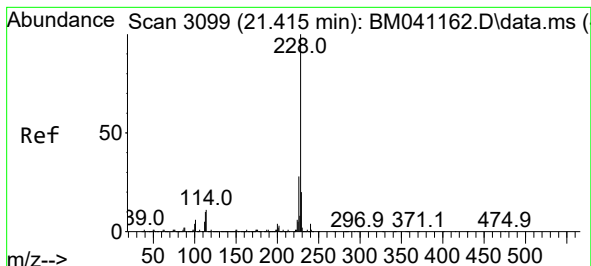
Ion Ratio Lower Upper

149 100

91 77.3 60.8 91.2

206 20.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 48.271 ng

RT: 21.415 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

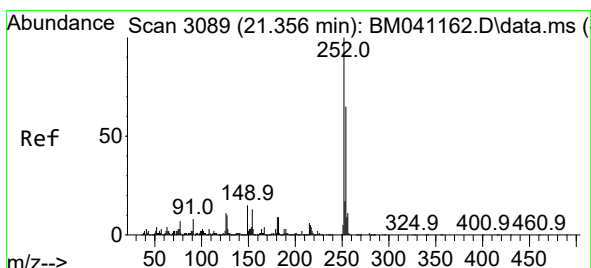
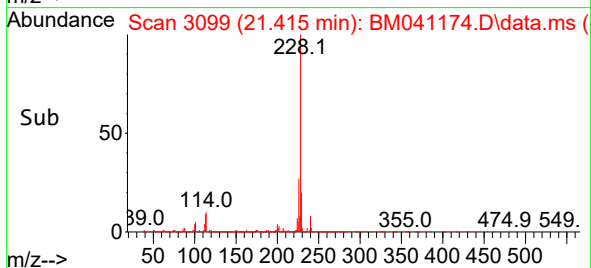
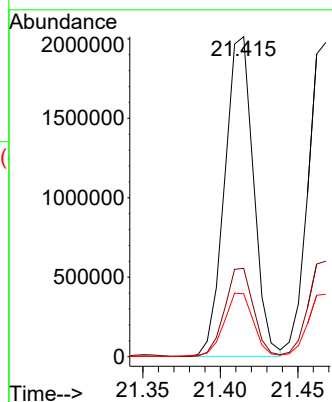
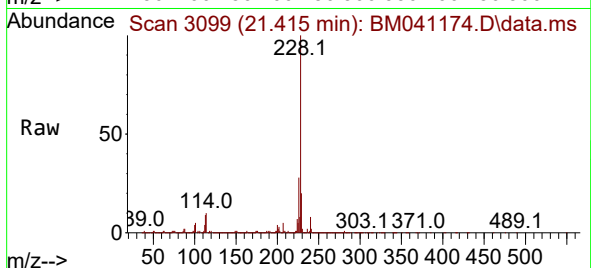
Tgt Ion:228 Resp: 2604693

Ion Ratio Lower Upper

228 100

226 27.6 22.4 33.6

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 52.959 ng

RT: 21.350 min Scan# 3088

Delta R.T. -0.006 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

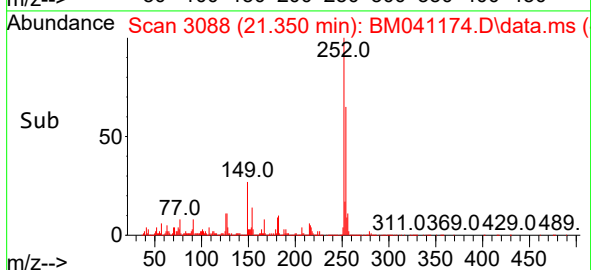
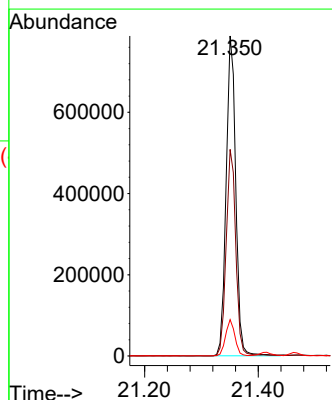
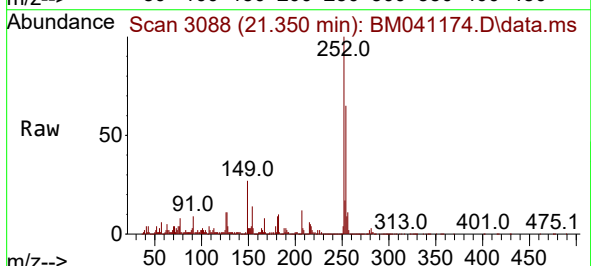
Tgt Ion:252 Resp: 932481

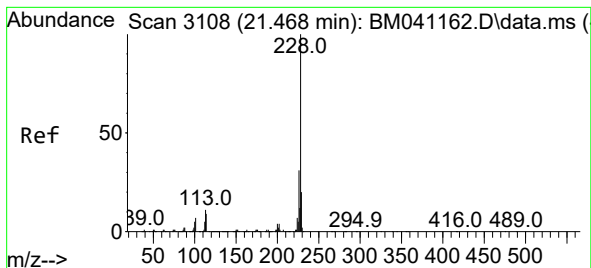
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 11.3 8.6 13.0





#83

Chrysene

Concen: 45.657 ng

RT: 21.468 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

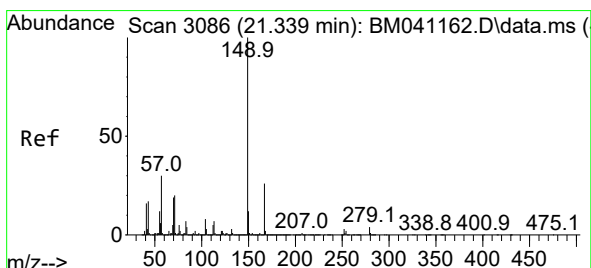
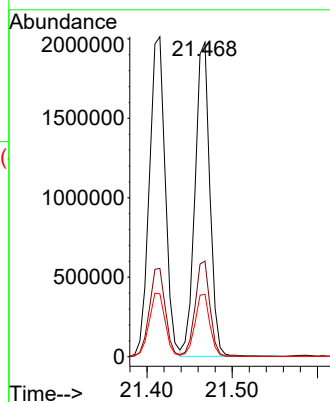
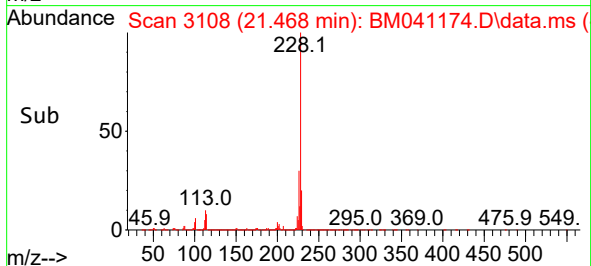
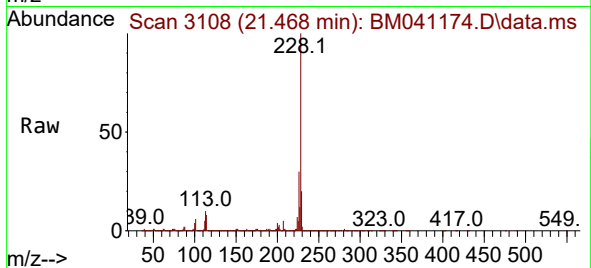
Tgt Ion:228 Resp: 2382954

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.452 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

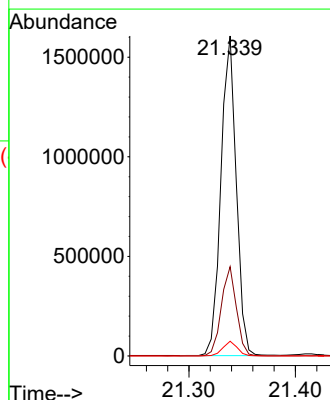
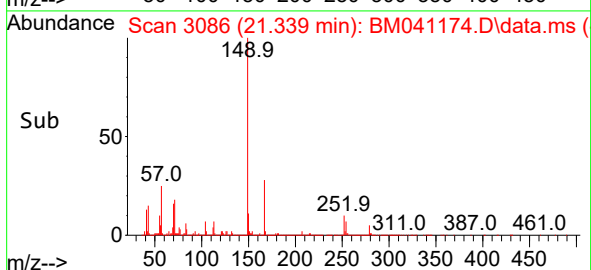
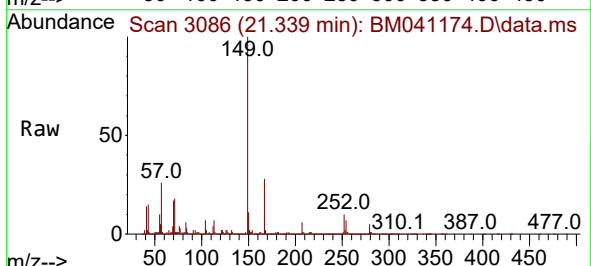
Tgt Ion:149 Resp: 1598976

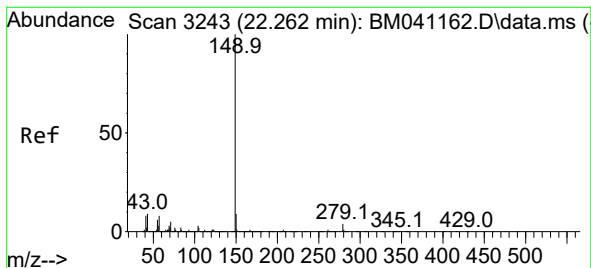
Ion Ratio Lower Upper

149 100

167 27.9 21.0 31.6

279 4.6 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 52.647 ng

RT: 22.256 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

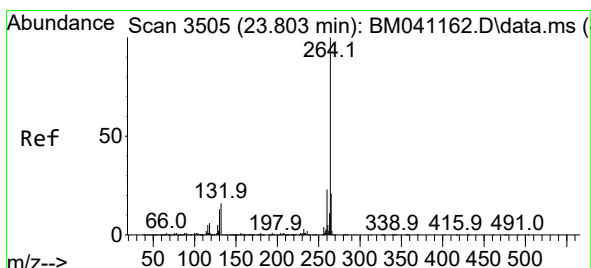
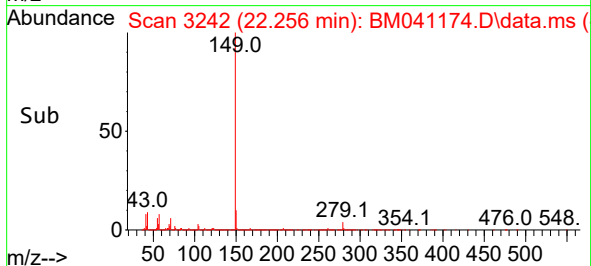
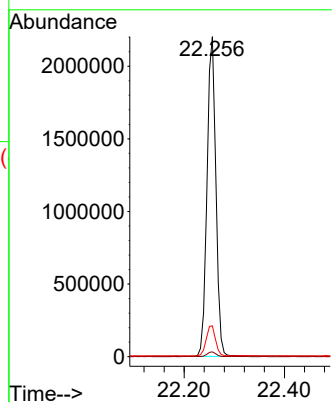
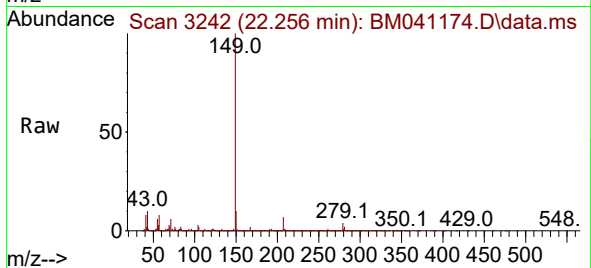
Tgt Ion:149 Resp: 2704637

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 3504

Delta R.T. -0.006 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

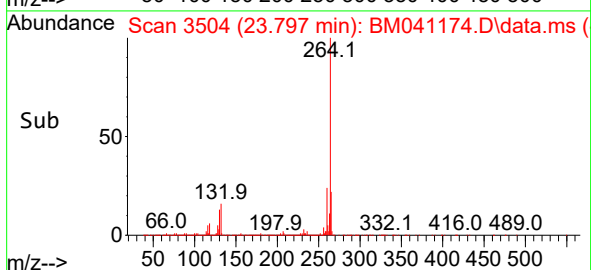
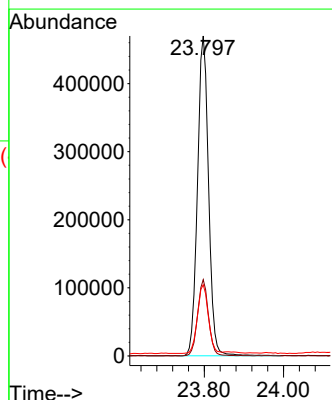
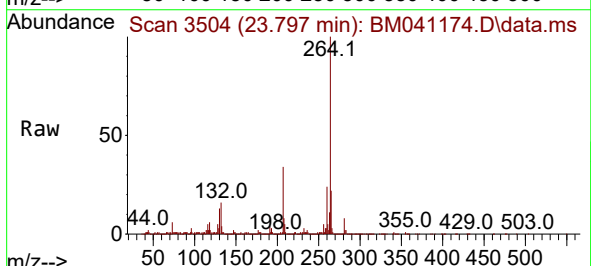
Tgt Ion:264 Resp: 909051

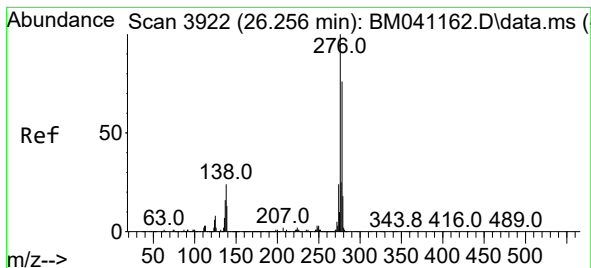
Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.707 ng

RT: 26.250 min Scan# 3922

Delta R.T. -0.006 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

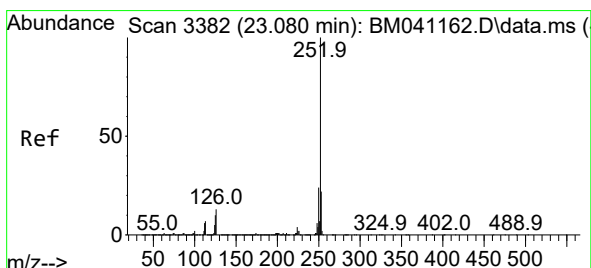
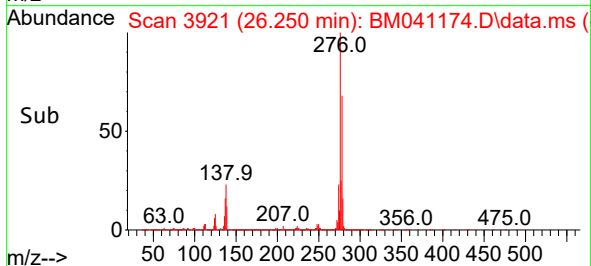
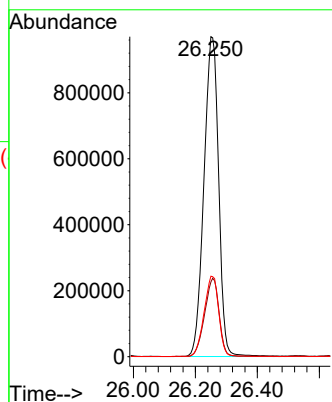
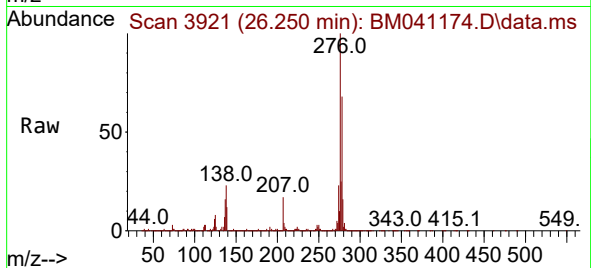
Tgt Ion:276 Resp: 3188493

Ion Ratio Lower Upper

276 100

138 24.0 20.0 30.0

277 24.8 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 51.314 ng

RT: 23.080 min Scan# 3382

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

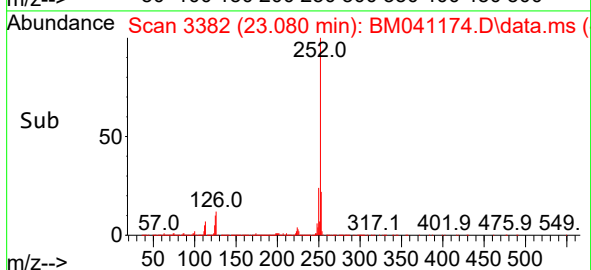
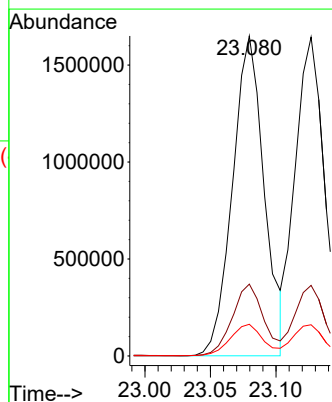
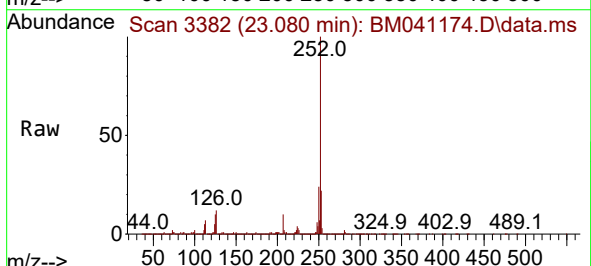
Tgt Ion:252 Resp: 2771128

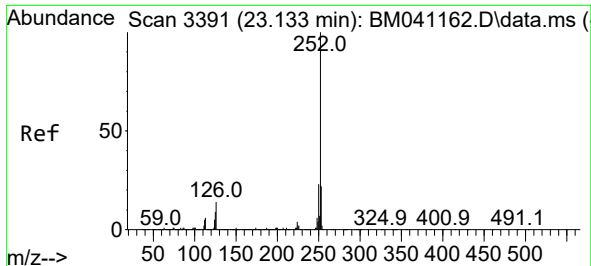
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.9 8.2 12.4

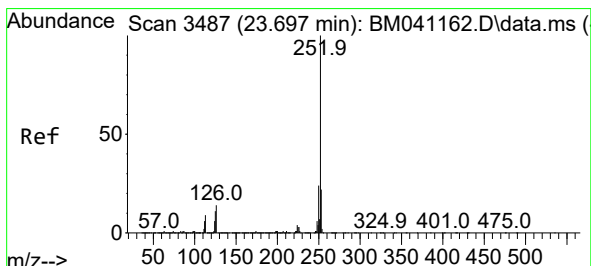
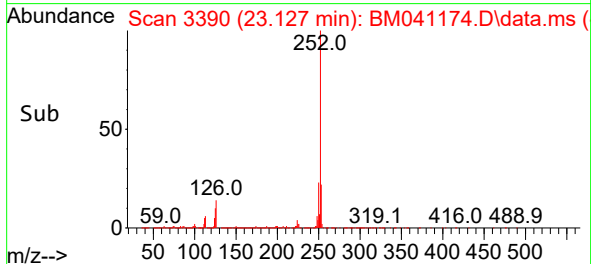
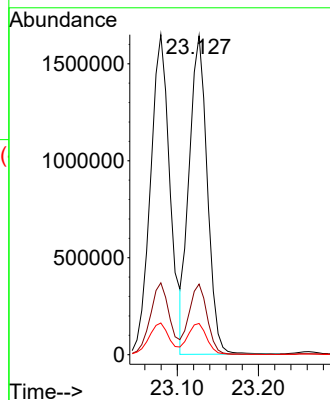
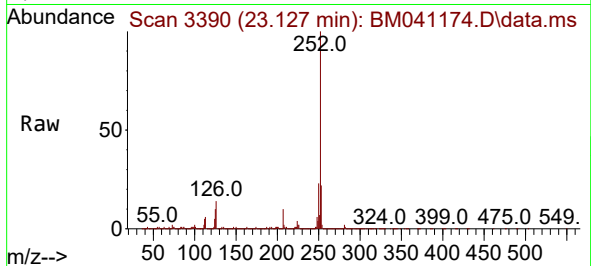




#89
Benzo(k)fluoranthene
Concen: 46.078 ng
RT: 23.127 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

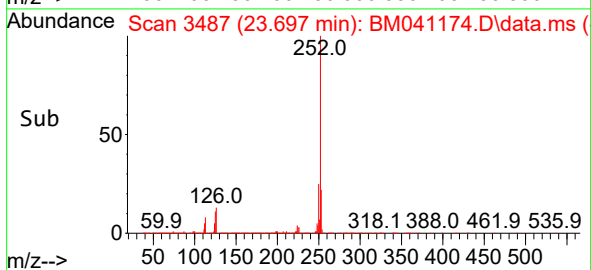
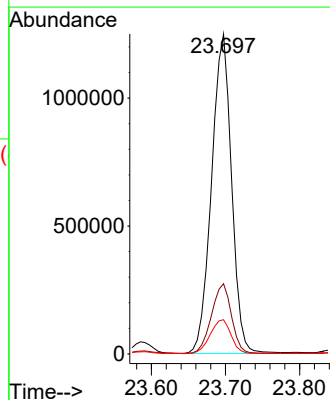
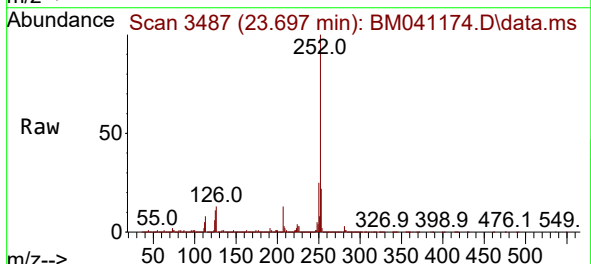
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

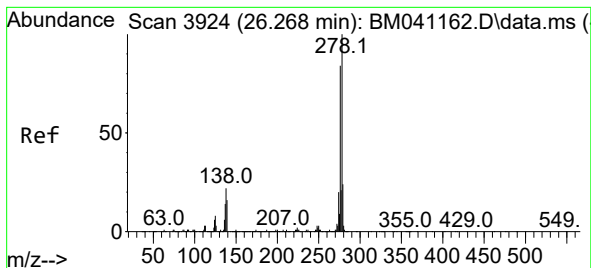
Tgt Ion:252 Resp: 2545370
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.8 7.6 11.4



#90
Benzo(a)pyrene
Concen: 45.112 ng
RT: 23.697 min Scan# 3487
Delta R.T. -0.000 min
Lab File: BM041174.D
Acq: 28 Jul 2023 20:22

Tgt Ion:252 Resp: 2340823
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.7 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 46.209 ng

RT: 26.268 min Scan# 3924

Delta R.T. -0.000 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MS

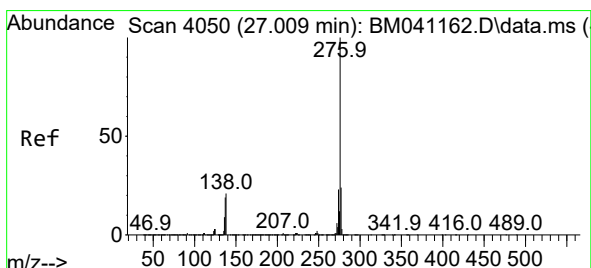
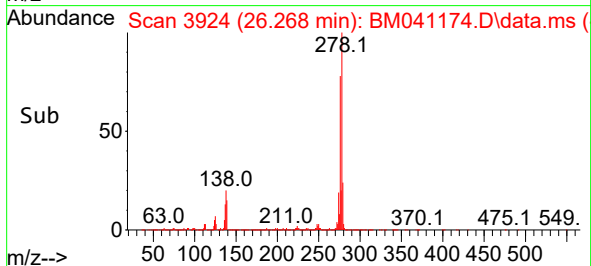
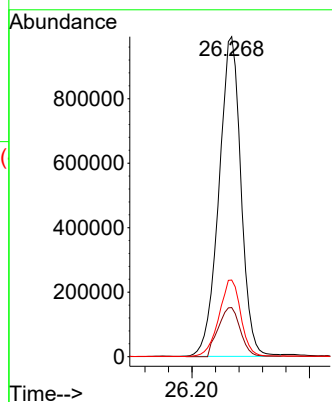
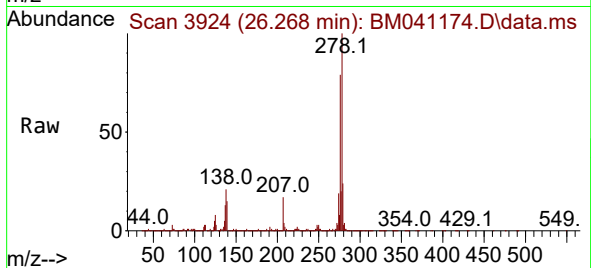
Tgt Ion:278 Resp: 2575983

Ion Ratio Lower Upper

278 100

139 15.4 12.7 19.1

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 46.849 ng

RT: 27.003 min Scan# 4049

Delta R.T. -0.006 min

Lab File: BM041174.D

Acq: 28 Jul 2023 20:22

Tgt Ion:276 Resp: 2555436

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 21.4 17.1 25.7

