

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081423\
 Data File : BM041398.D
 Acq On : 14 Aug 2023 12:23
 Operator : MA/JU
 Sample : PB154769BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154769BSD

Quant Time: Aug 14 19:04:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	147583	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	657016	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	436359	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	971068	20.000	ng	# 0.00
76) Chrysene-d12	21.409	240	1010079	20.000	ng	0.00
86) Perylene-d12	23.774	264	1194504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1366136	138.350	ng	0.00
7) Phenol-d6	6.963	99	1637077	127.899	ng	0.00
23) Nitrobenzene-d5	8.951	82	1058172	74.899	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	831197	134.671	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2569677	74.391	ng	0.00
79) Terphenyl-d14	19.845	244	4599617	82.334	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	121777	28.828	ng	95
3) Pyridine	3.646	79	336460	30.293	ng	97
4) n-Nitrosodimethylamine	3.569	42	212261	41.321	ng	99
6) Aniline	7.110	93	433340	28.929	ng	99
8) 2-Chlorophenol	7.340	128	469113	48.664	ng	99
9) Benzaldehyde	6.922	77	180864	26.779	ng	99
10) Phenol	6.987	94	604846	48.926	ng	95
11) bis(2-Chloroethyl)ether	7.210	93	431893	43.159	ng	96
12) 1,3-Dichlorobenzene	7.657	146	461753	44.005	ng	99
13) 1,4-Dichlorobenzene	7.804	146	481213	45.626	ng	99
14) 1,2-Dichlorobenzene	8.122	146	466725	46.152	ng	99
15) Benzyl Alcohol	8.034	79	446649	55.256	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.310	45	506147	37.962	ng	94
17) 2-Methylphenol	8.234	107	402663	47.675	ng	97
18) Hexachloroethane	8.839	117	179256	45.652	ng	# 86
19) n-Nitroso-di-n-propyla...	8.592	70	377863	48.603	ng	95
20) 3+4-Methylphenols	8.569	107	547414	48.475	ng	96
22) Acetophenone	8.610	105	698355	40.134	ng	# 99
24) Nitrobenzene	8.992	77	558336	39.079	ng	98
25) Isophorone	9.516	82	1028840	42.900	ng	99
26) 2-Nitrophenol	9.704	139	262962	47.082	ng	95
27) 2,4-Dimethylphenol	9.769	122	421570	42.894	ng	97
28) bis(2-Chloroethoxy)met...	10.004	93	613482	40.837	ng	99
29) 2,4-Dichlorophenol	10.233	162	489791	49.418	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	512332	46.787	ng	98
31) Naphthalene	10.628	128	1432189	40.170	ng	99
32) Benzoic acid	9.963	122	329954	45.192	ng	92
33) 4-Chloroaniline	10.763	127	209682	14.716	ng	98
34) Hexachlorobutadiene	10.892	225	325780	49.466	ng	98
35) Caprolactam	11.592	113	144798	50.503	ng	# 87
36) 4-Chloro-3-methylphenol	11.898	107	509068	48.799	ng	98
37) 2-Methylnaphthalene	12.245	142	1017721	42.340	ng	98
38) 1-Methylnaphthalene	12.469	142	980867	43.600	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	596765	42.117	ng	# 98
41) Hexachlorocyclopentadiene	12.580	237	663497	88.512	ng	99
43) 2,4,6-Trichlorophenol	12.869	196	423254	46.606	ng	99

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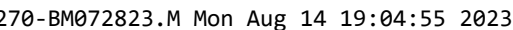
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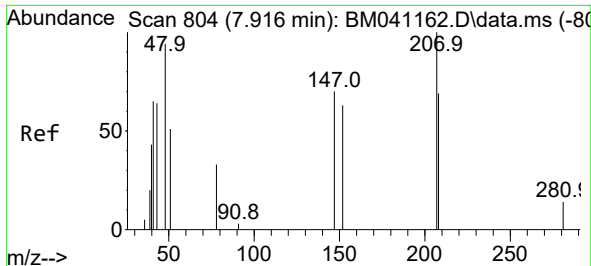
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	462575	44.008	ng	96
46) 1,1'-Biphenyl	13.269	154	1388232	39.243	ng	98
47) 2-Chloronaphthalene	13.310	162	1095979	41.493	ng	99
48) 2-Nitroaniline	13.539	65	344333	40.840	ng	100
49) Acenaphthylene	14.163	152	1781512	41.787	ng	100
50) Dimethylphthalate	13.916	163	1409673	42.947	ng	98
51) 2,6-Dinitrotoluene	14.045	165	311006	45.729	ng	97
52) Acenaphthene	14.504	154	1018640	39.661	ng	99
53) 3-Nitroaniline	14.374	138	217050	28.676	ng	98
54) 2,4-Dinitrophenol	14.592	184	422687	91.156	ng	93
55) Dibenzofuran	14.845	168	1722730	41.111	ng	100
56) 4-Nitrophenol	14.698	139	476754	84.111	ng	94
57) 2,4-Dinitrotoluene	14.839	165	441112	45.561	ng	94
58) Fluorene	15.498	166	1391446	42.091	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	421897	49.567	ng	94
60) Diethylphthalate	15.280	149	1423916	44.859	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	749578	45.249	ng	96
62) 4-Nitroaniline	15.551	138	277944	39.154	ng	93
63) Azobenzene	15.786	77	1422681	40.917	ng	98
65) 4,6-Dinitro-2-methylph...	15.604	198	271725	46.191	ng	90
66) n-Nitrosodiphenylamine	15.716	169	1197684	39.657	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	455918	42.821	ng	98
68) Hexachlorobenzene	16.498	284	542818	45.850	ng	97
69) Atrazine	16.680	200	461603	58.201	ng	99
70) Pentachlorophenol	16.857	266	652980	79.651	ng	99
71) Phenanthrene	17.245	178	2191088	40.611	ng	100
72) Anthracene	17.333	178	2232091	41.830	ng	100
73) Carbazole	17.621	167	2017753	41.778	ng	100
74) Di-n-butylphthalate	18.174	149	2543249	46.600	ng	100
75) Fluoranthene	19.268	202	2711270	44.729	ng	98
77) Benzidine	19.474	184	1119404	81.309	ng	99
78) Pyrene	19.633	202	2838477	40.184	ng	100
80) Butylbenzylphthalate	20.539	149	1197358	46.418	ng	99
81) Benzo(a)anthracene	21.397	228	3008723	43.939	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	873740	39.104	ng	99
83) Chrysene	21.450	228	2789376	42.115	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1828172	44.807	ng	# 96
85) Di-n-octyl phthalate	22.233	149	3267329	50.118	ng	95
87) Indeno(1,2,3-cd)pyrene	26.221	276	3450912	39.295	ng	# 94
88) Benzo(b)fluoranthene	23.056	252	3191620	44.977	ng	# 98
89) Benzo(k)fluoranthene	23.103	252	3071135	42.310	ng	98
90) Benzo(a)pyrene	23.674	252	2794138	40.980	ng	# 97
91) Dibenzo(a,h)anthracene	26.232	278	2911318	39.745	ng	# 96
92) Benzo(g,h,i)perylene	26.968	276	2661238	37.129	ng	# 95

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

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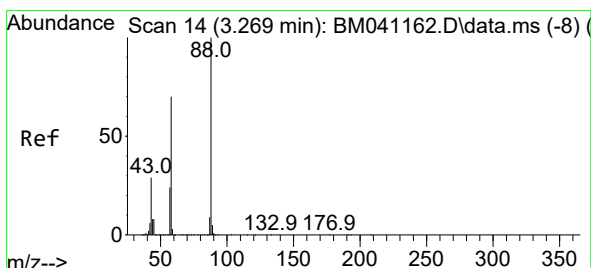
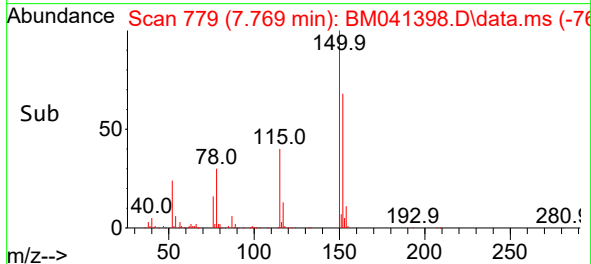
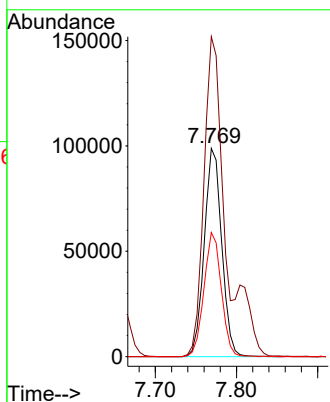
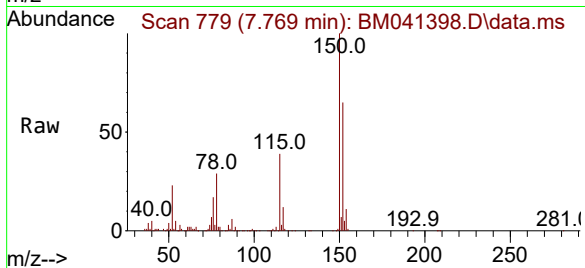




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

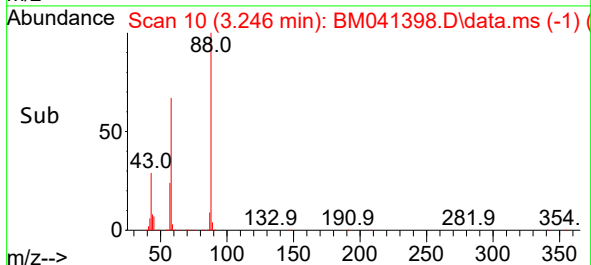
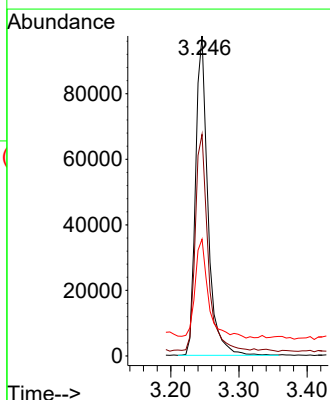
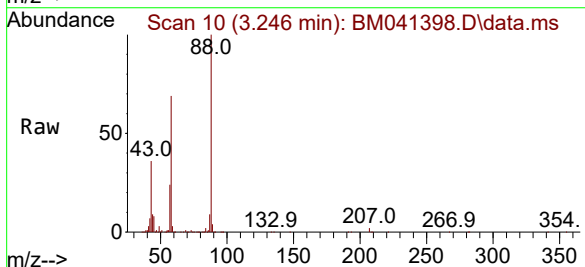
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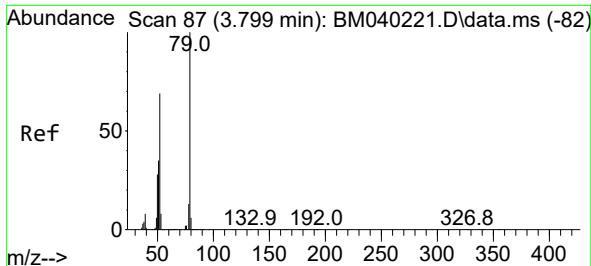
Tgt Ion:152 Resp: 147583
Ion Ratio Lower Upper
152 100
150 153.6 125.5 188.3
115 59.6 48.0 72.0



#2
1,4-Dioxane
Concen: 28.828 ng
RT: 3.246 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion: 88 Resp: 121777
Ion Ratio Lower Upper
88 100
58 68.8 58.2 87.4
43 33.2 24.4 36.6

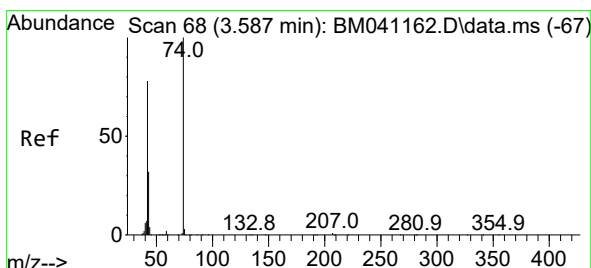
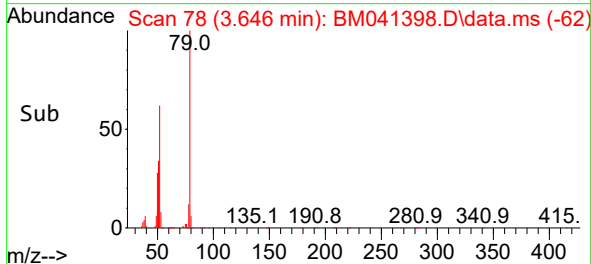
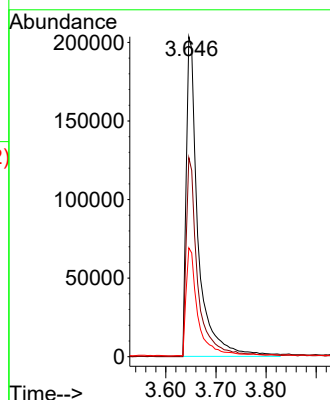
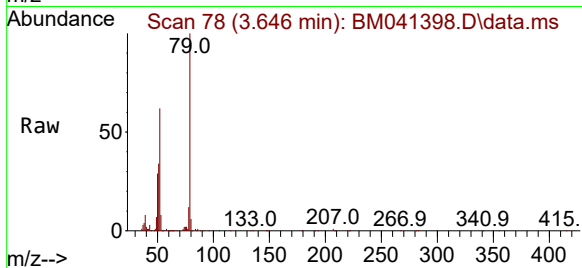




#3
 Pyridine
 Concen: 30.293 ng
 RT: 3.646 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BM041398.D
 Acq: 14 Aug 2023 12:23

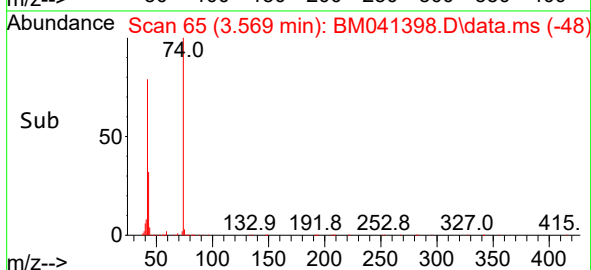
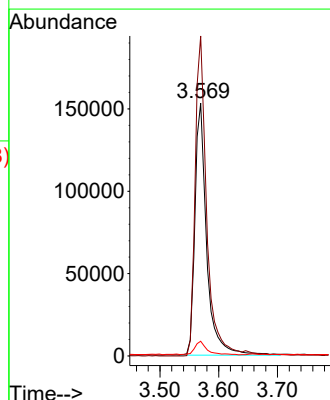
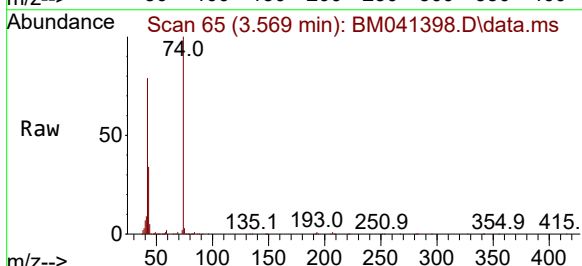
Instrument :
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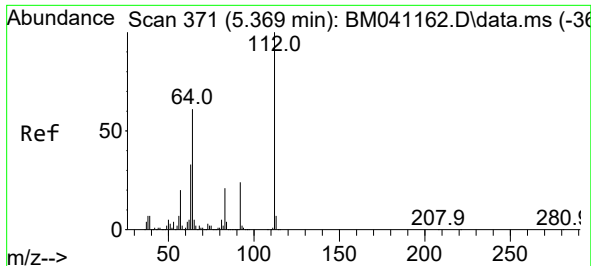
Tgt Ion: 79 Resp: 336460
 Ion Ratio Lower Upper
 79 100
 52 62.2 52.1 78.1
 51 34.0 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 41.321 ng
 RT: 3.569 min Scan# 65
 Delta R.T. -0.000 min
 Lab File: BM041398.D
 Acq: 14 Aug 2023 12:23

Tgt Ion: 42 Resp: 212261
 Ion Ratio Lower Upper
 42 100
 74 126.6 100.8 151.2
 44 5.9 5.0 7.4

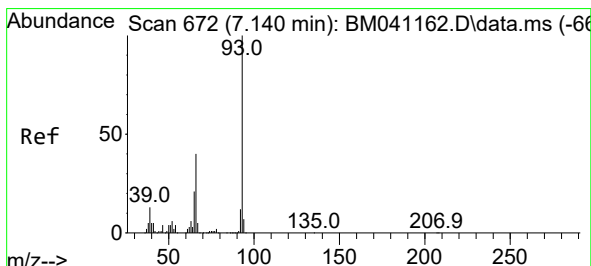
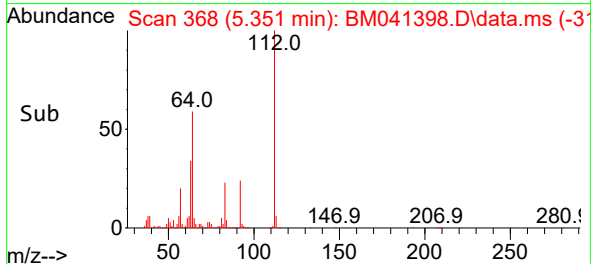
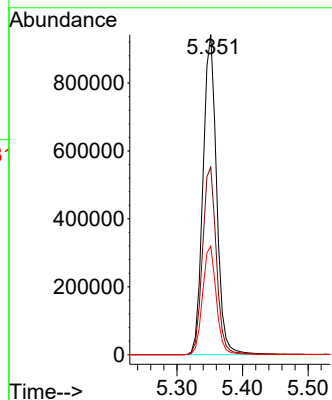
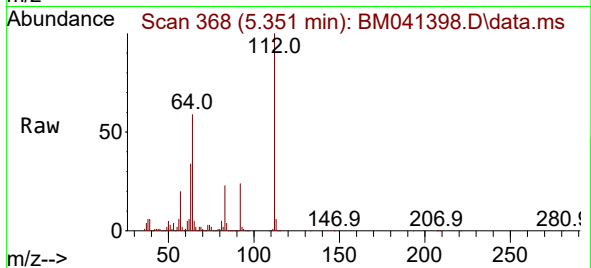




#5
2-Fluorophenol
Concen: 138.350 ng
RT: 5.351 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

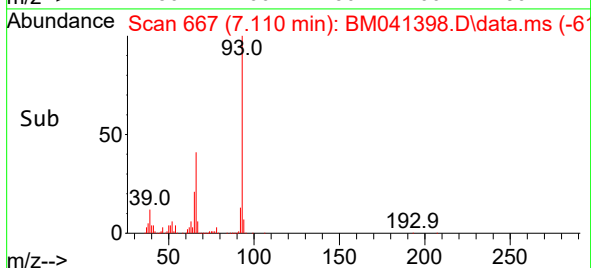
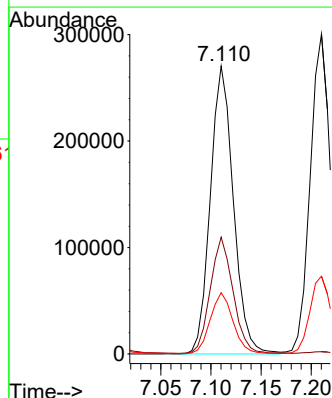
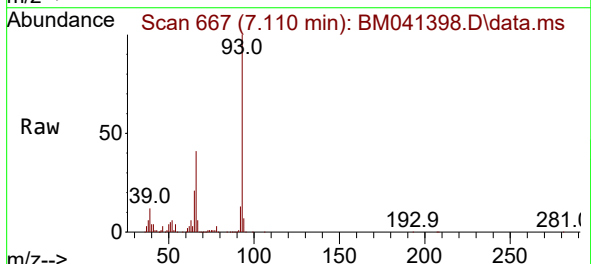
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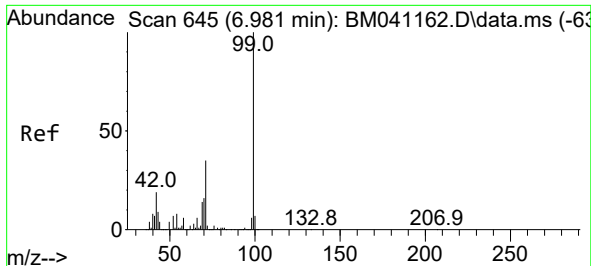
Tgt Ion:112 Resp: 1366136
Ion Ratio Lower Upper
112 100
64 58.6 48.5 72.7
63 33.9 26.5 39.7



#6
Aniline
Concen: 28.929 ng
RT: 7.110 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion: 93 Resp: 433340
Ion Ratio Lower Upper
93 100
66 40.6 32.0 48.0
65 21.3 16.6 24.8

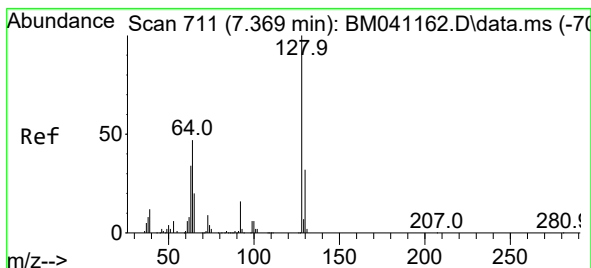
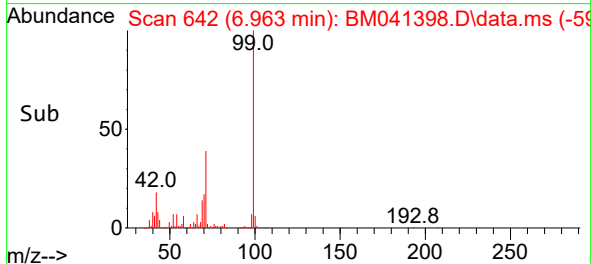
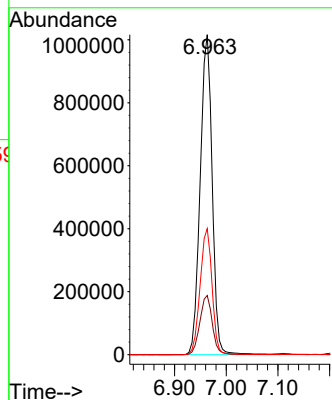
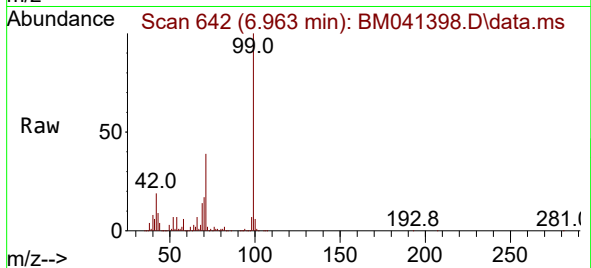




#7
Phenol-d6
Concen: 127.899 ng
RT: 6.963 min Scan# 64
Delta R.T. 0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

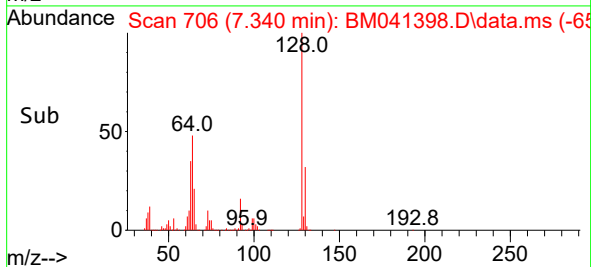
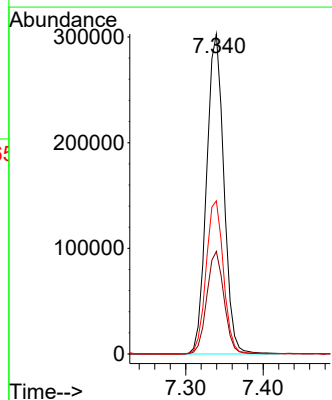
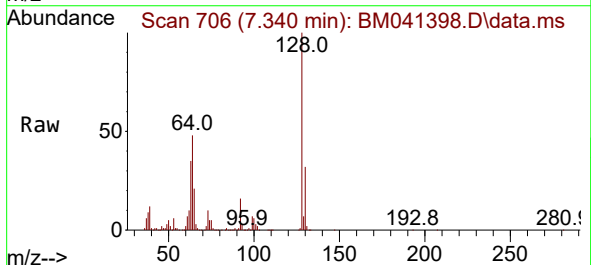
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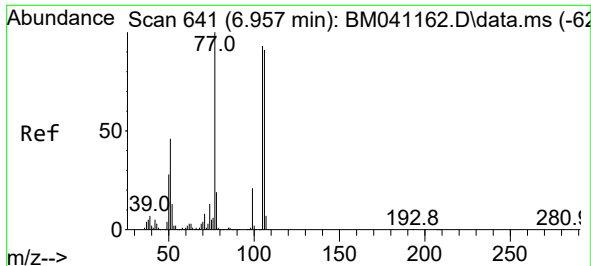
Tgt Ion: 99 Resp: 1637077
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 39.4 28.2 42.4



#8
2-Chlorophenol
Concen: 48.664 ng
RT: 7.340 min Scan# 706
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion: 128 Resp: 469113
Ion Ratio Lower Upper
128 100
130 32.0 12.3 52.3
64 47.9 29.3 69.3

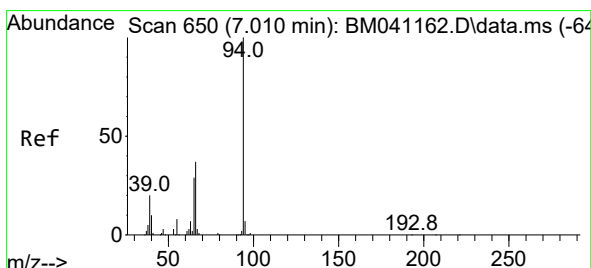
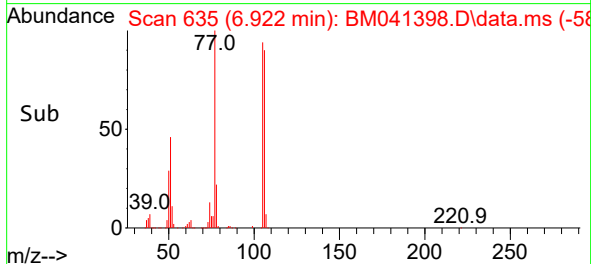
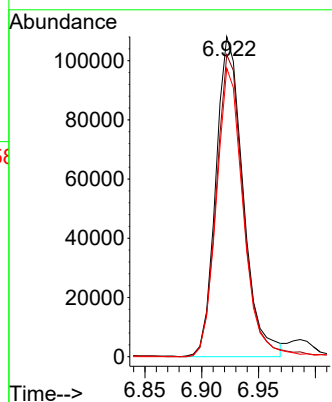
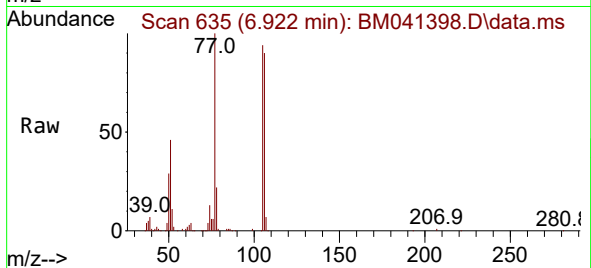




#9
Benzaldehyde
Concen: 26.779 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

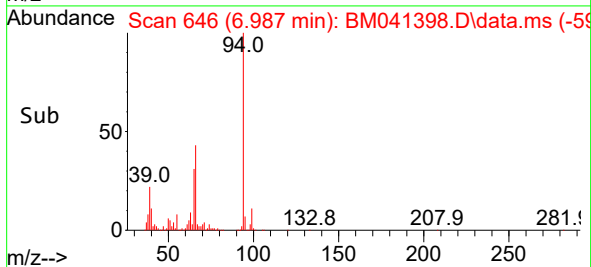
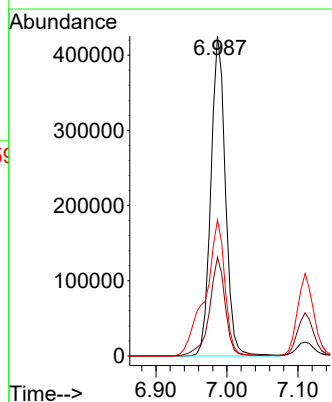
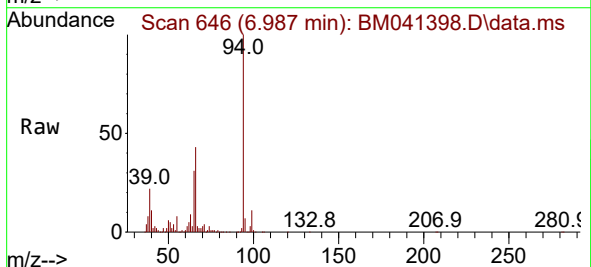
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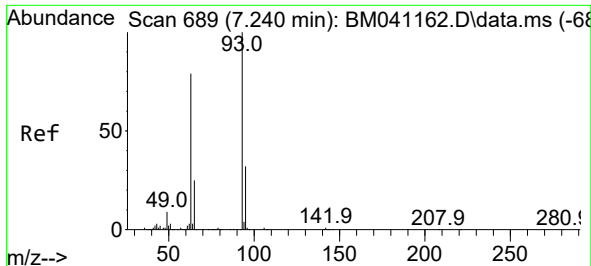
Tgt Ion: 77 Resp: 180864
Ion Ratio Lower Upper
77 100
105 94.3 72.8 112.8
106 90.1 70.8 110.8



#10
Phenol
Concen: 48.926 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion: 94 Resp: 604846
Ion Ratio Lower Upper
94 100
65 30.8 9.5 49.5
66 42.5 18.0 58.0

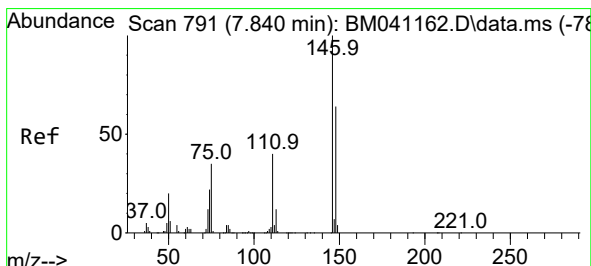
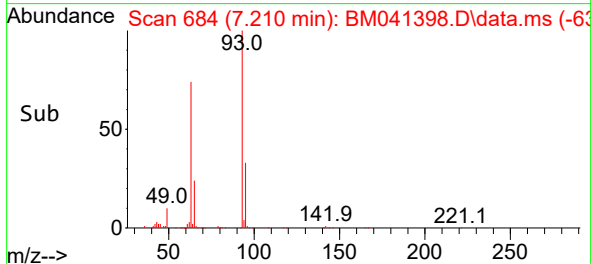
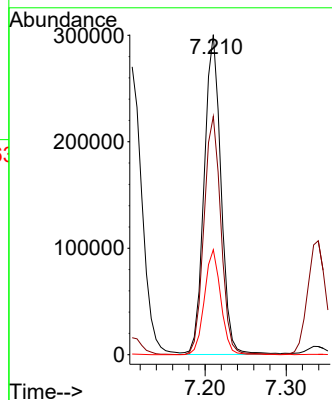
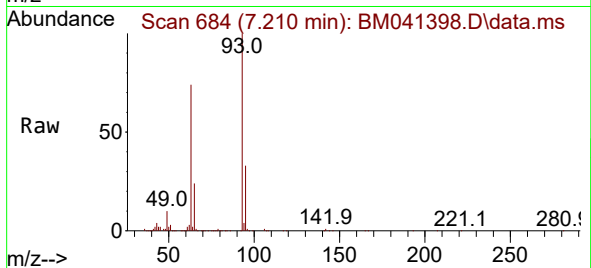




#11
bis(2-Chloroethyl)ether
Concen: 43.159 ng
RT: 7.210 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

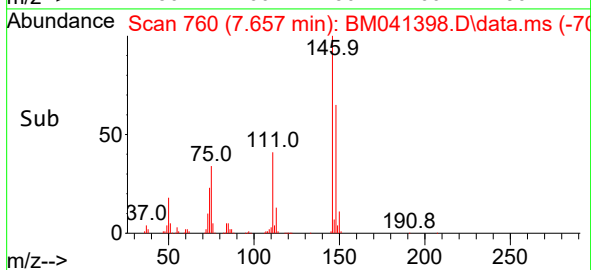
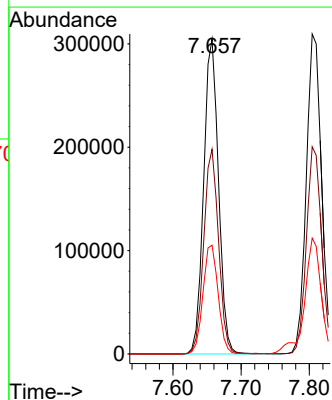
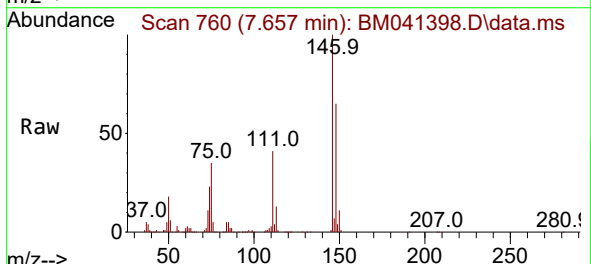
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

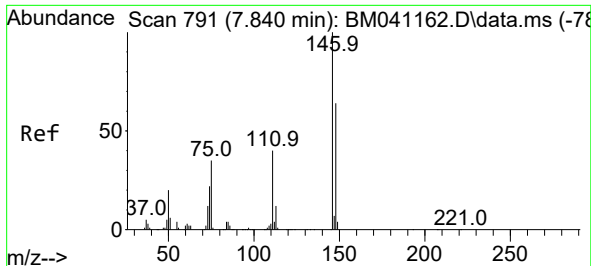
Tgt Ion: 93 Resp: 431893
Ion Ratio Lower Upper
93 100
63 74.4 58.8 98.8
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 44.005 ng
RT: 7.657 min Scan# 760
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion: 146 Resp: 461753
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
75 34.6 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 45.626 ng

RT: 7.804 min Scan# 71

Delta R.T. -0.006 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

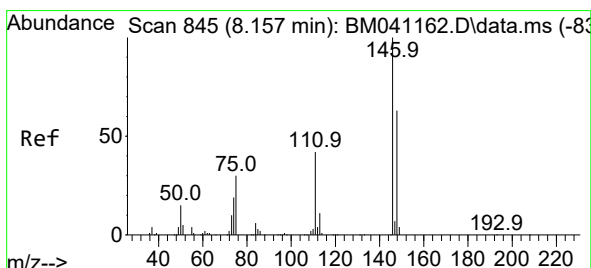
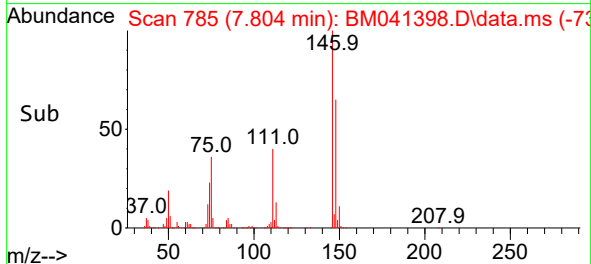
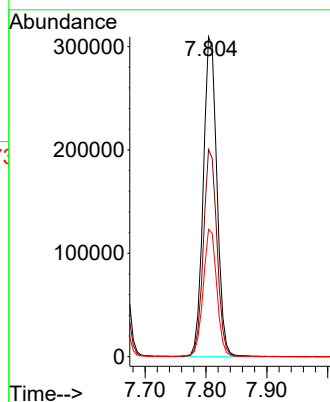
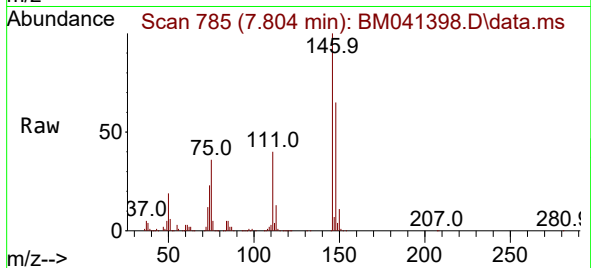
Tgt Ion:146 Resp: 481213

Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.0

111 39.8 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 46.152 ng

RT: 8.122 min Scan# 839

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

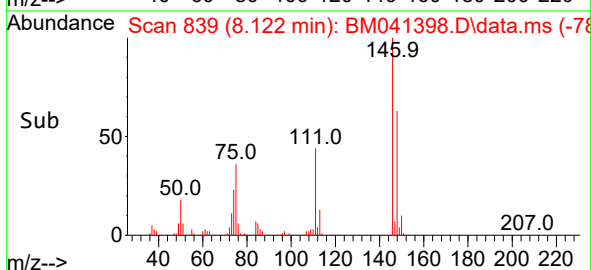
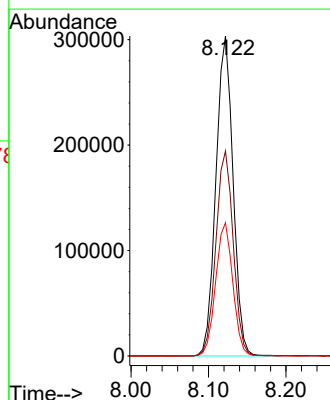
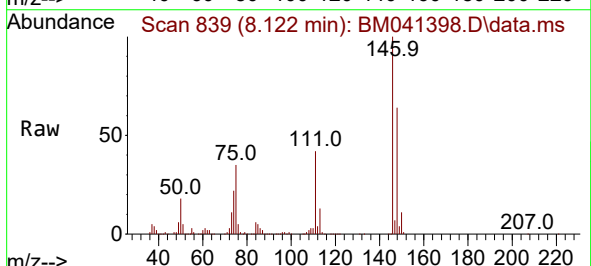
Tgt Ion:146 Resp: 466725

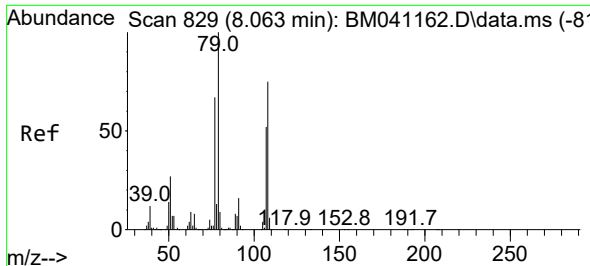
Ion Ratio Lower Upper

146 100

148 64.0 50.9 76.3

111 41.7 33.8 50.6

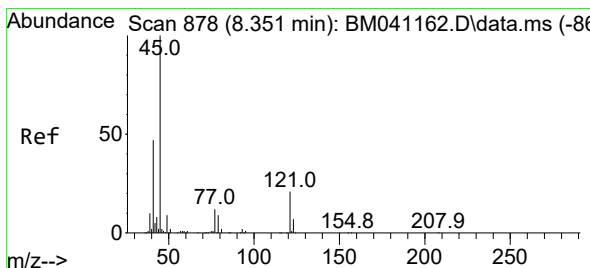
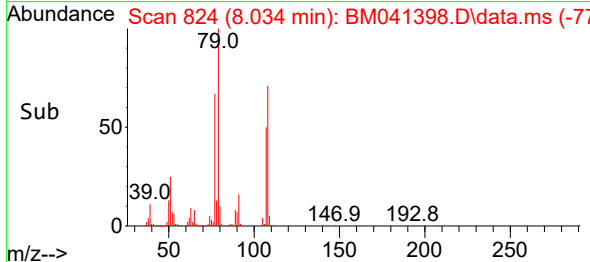
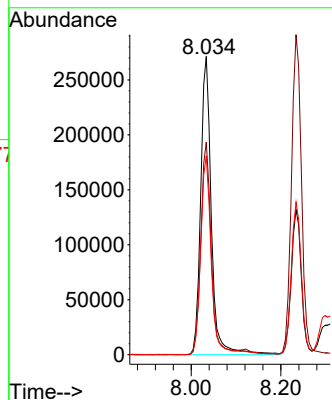
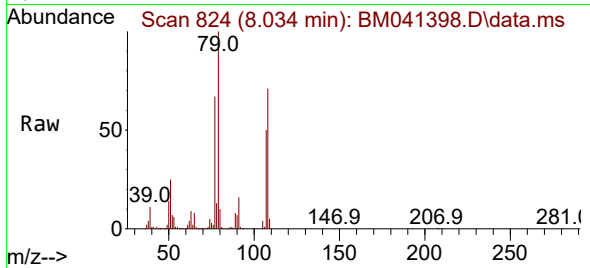




#15
Benzyl Alcohol
Concen: 55.256 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

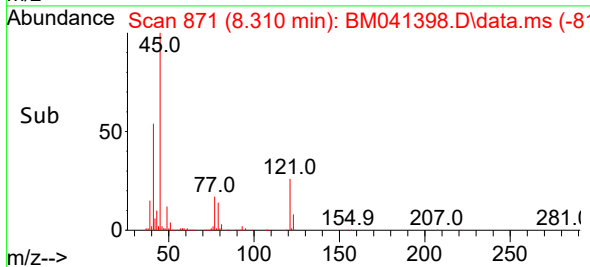
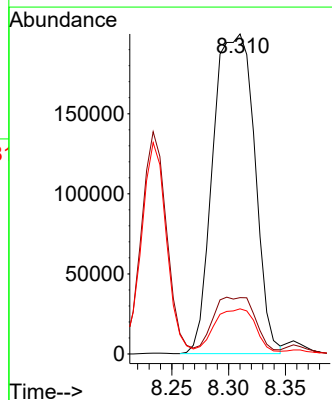
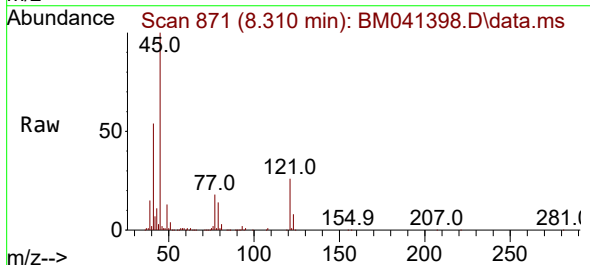
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

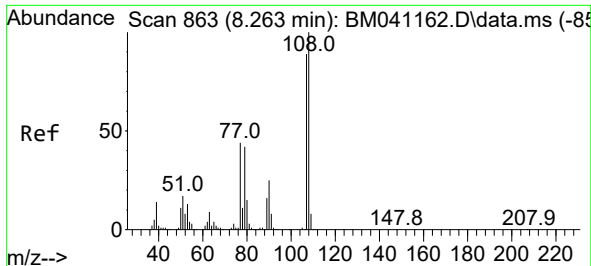
Tgt Ion: 79 Resp: 446649
Ion Ratio Lower Upper
79 100
108 71.3 59.8 89.8
77 66.7 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.962 ng
RT: 8.310 min Scan# 871
Delta R.T. 0.012 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion: 45 Resp: 506147
Ion Ratio Lower Upper
45 100
77 17.6 0.0 34.5
79 14.1 0.0 32.1





#17

2-Methylphenol

Concen: 47.675 ng

RT: 8.234 min Scan# 8

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

Tgt Ion:107 Resp: 402663

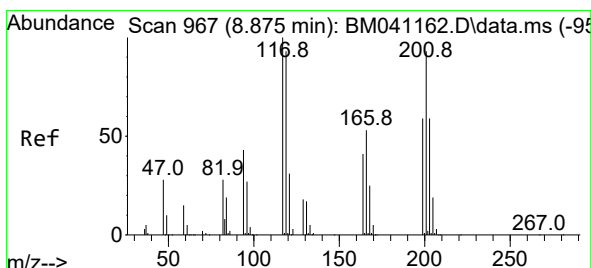
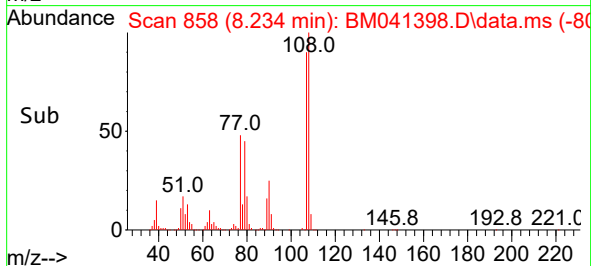
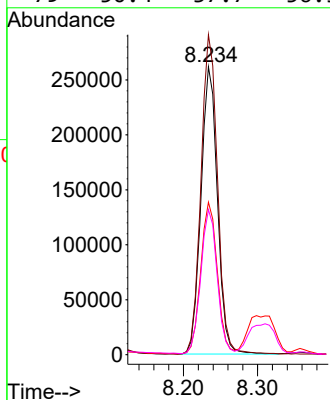
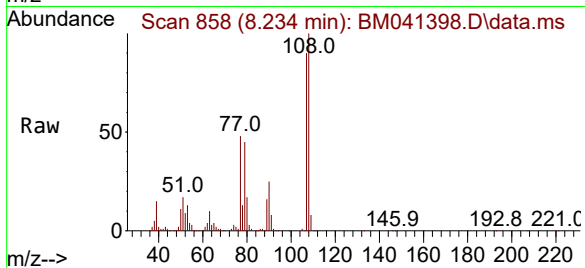
Ion Ratio Lower Upper

107 100

108 111.1 89.9 134.9

77 53.0 39.8 59.8

79 50.4 37.7 56.5



#18

Hexachloroethane

Concen: 45.652 ng

RT: 8.839 min Scan# 961

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

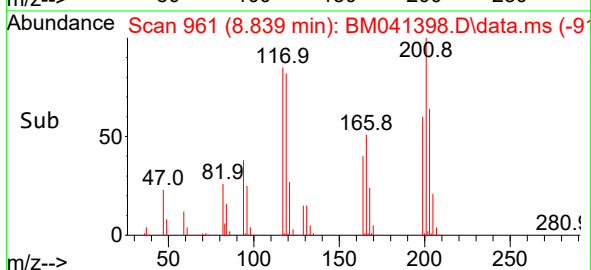
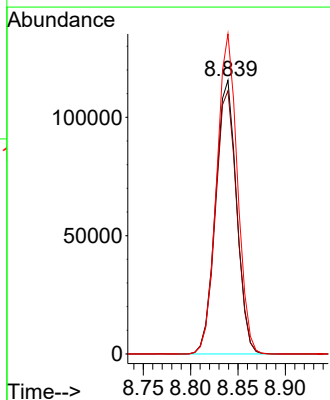
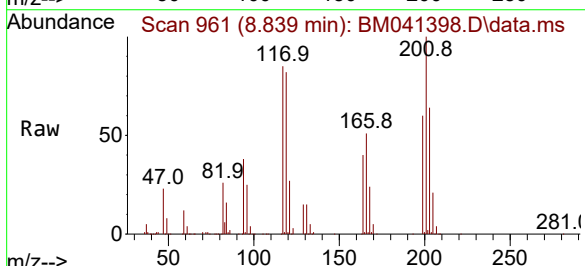
Tgt Ion:117 Resp: 179256

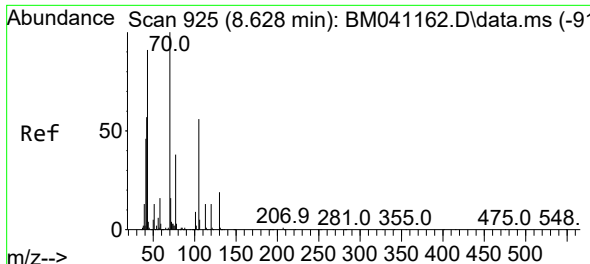
Ion Ratio Lower Upper

117 100

119 96.2 74.2 111.4

201 117.0 74.5 111.7#





#19

n-Nitroso-di-n-propylamine

Concen: 48.603 ng

RT: 8.592 min Scan# 915

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

Tgt Ion: 70 Resp: 377863

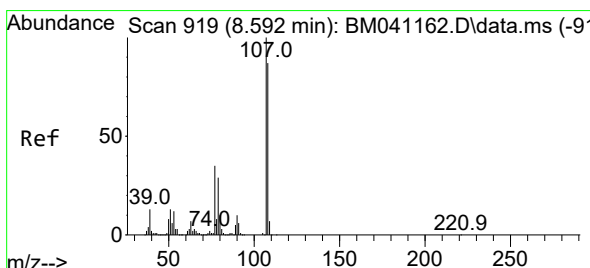
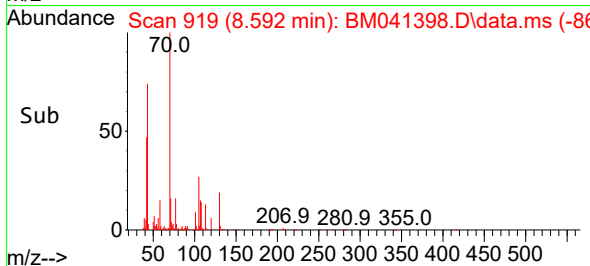
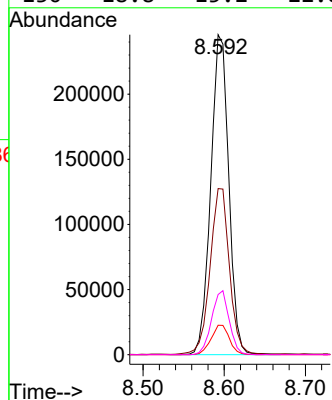
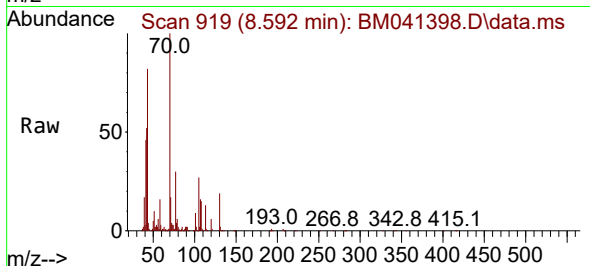
Ion Ratio Lower Upper

70 100

42 51.9 45.8 68.8

101 9.2 7.4 11.0

130 18.8 15.2 22.8



#20

3+4-Methylphenols

Concen: 48.475 ng

RT: 8.569 min Scan# 915

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Tgt Ion: 107 Resp: 547414

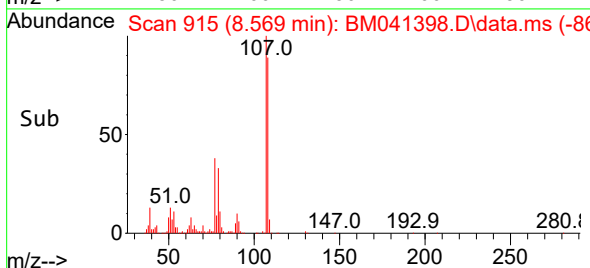
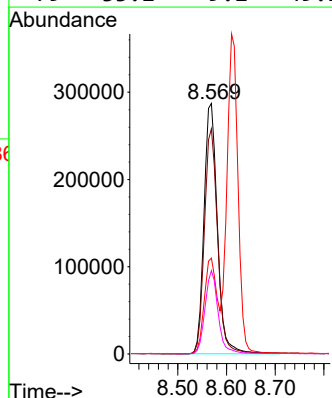
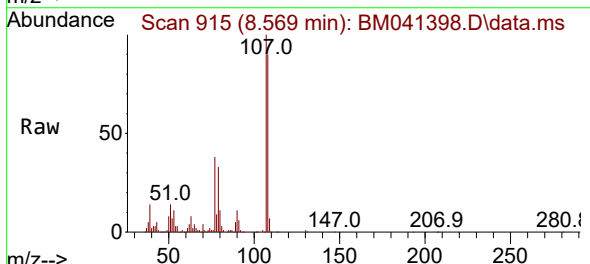
Ion Ratio Lower Upper

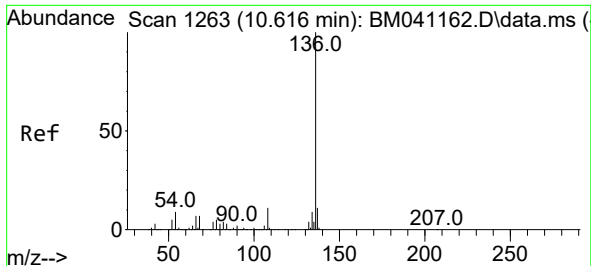
107 100

108 89.8 67.2 107.2

77 38.3 15.4 55.4

79 33.2 9.2 49.2

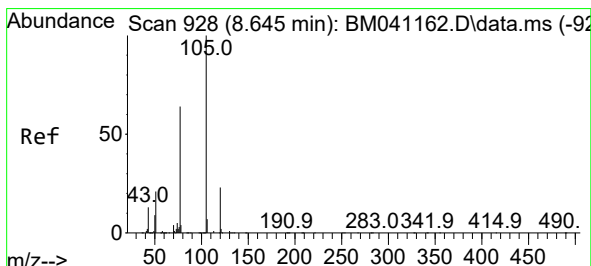
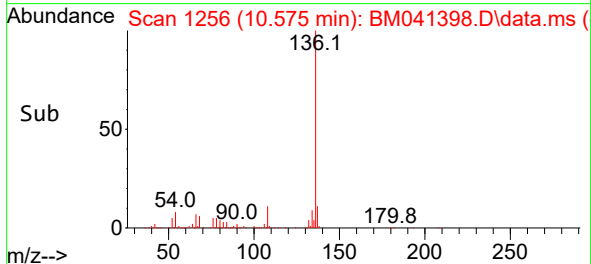
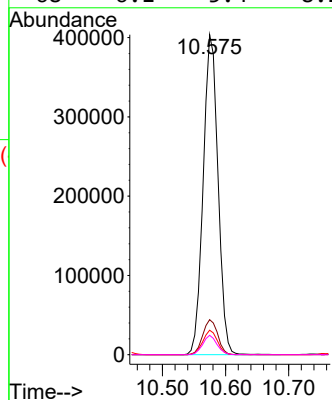
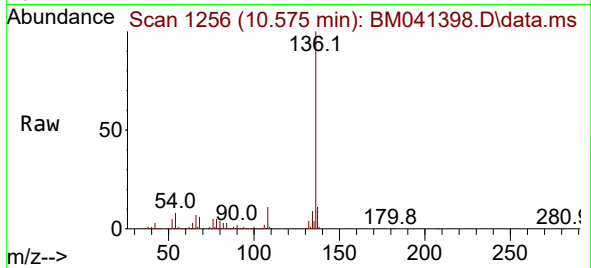




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

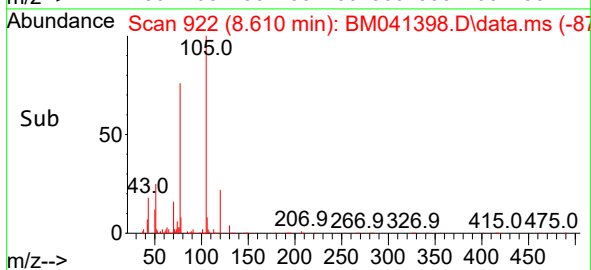
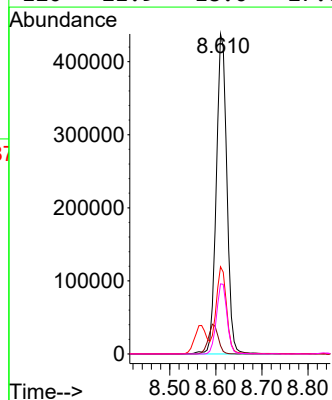
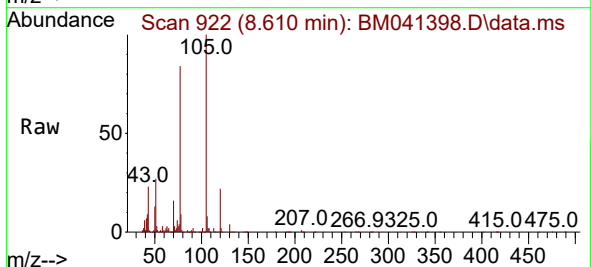
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

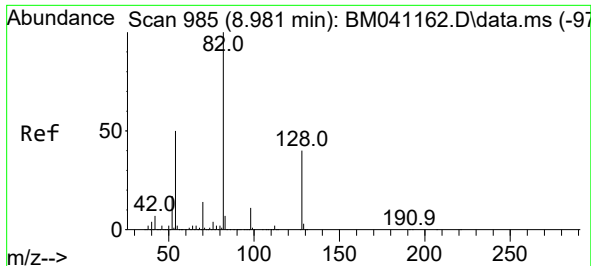
Tgt Ion:136 Resp: 657016
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 6.9 10.3
68 6.1 5.4 8.2



#22
Acetophenone
Concen: 40.134 ng
RT: 8.610 min Scan# 922
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:105 Resp: 698355
Ion Ratio Lower Upper
105 100
71 2.6 1.2 1.8#
51 27.3 22.0 33.0
120 21.9 18.0 27.0





#23

Nitrobenzene-d5

Concen: 74.899 ng

RT: 8.951 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

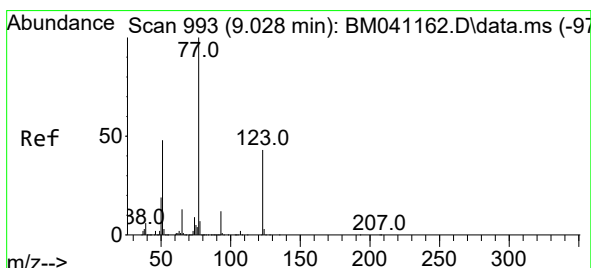
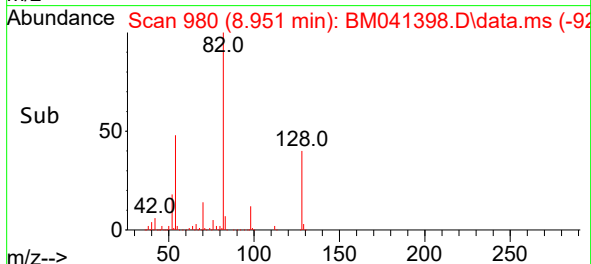
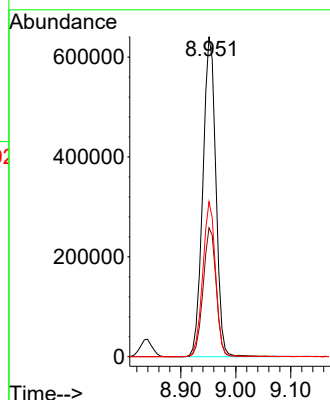
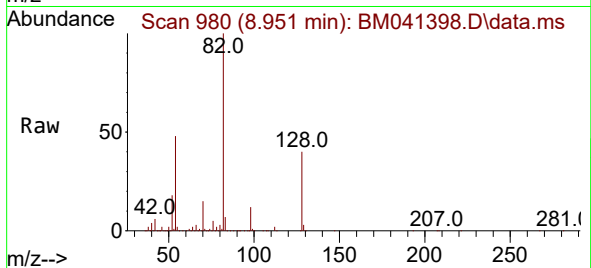
Tgt Ion: 82 Resp: 1058172

Ion Ratio Lower Upper

82 100

128 40.2 31.8 47.6

54 48.4 40.1 60.1



#24

Nitrobenzene

Concen: 39.079 ng

RT: 8.992 min Scan# 987

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

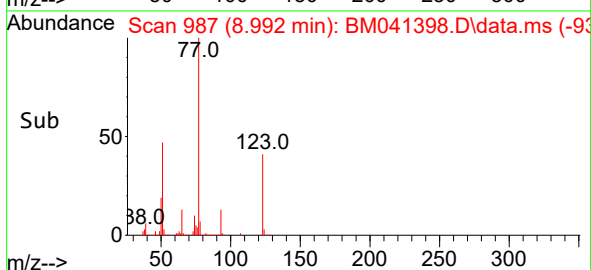
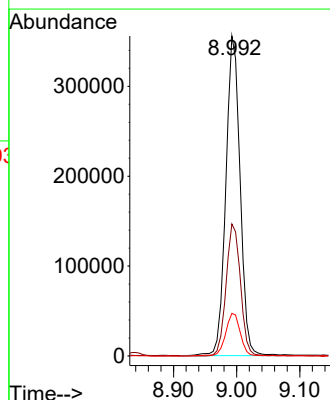
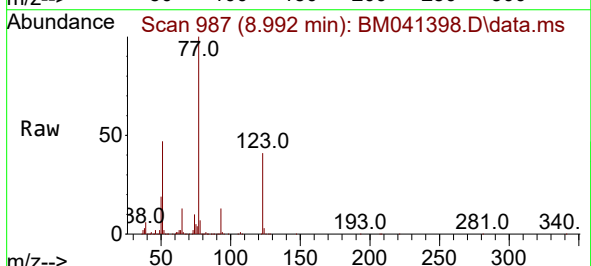
Tgt Ion: 77 Resp: 558336

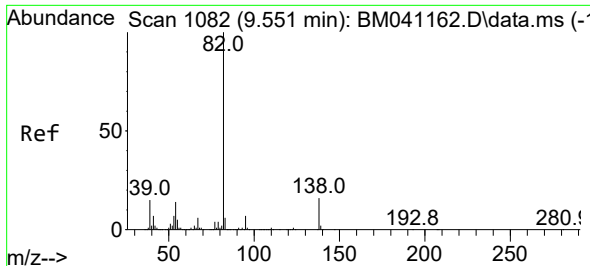
Ion Ratio Lower Upper

77 100

123 41.3 34.2 51.2

65 13.3 10.7 16.1

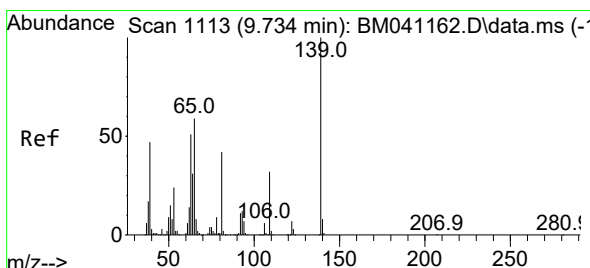
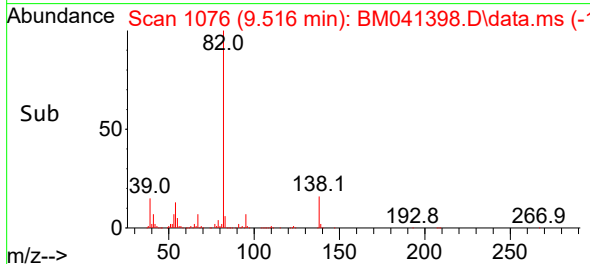
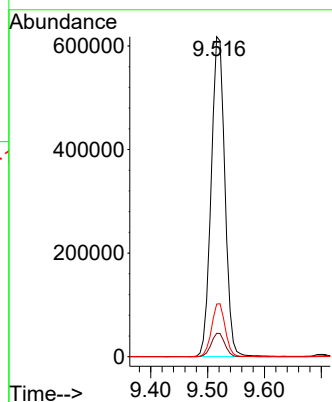
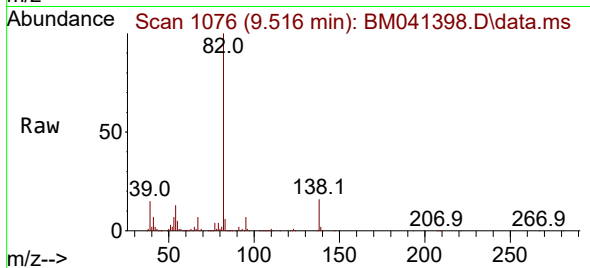




#25
Isophorone
Concen: 42.900 ng
RT: 9.516 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

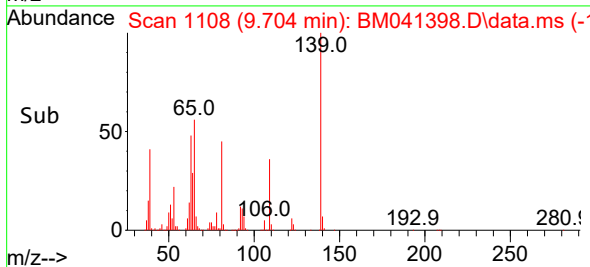
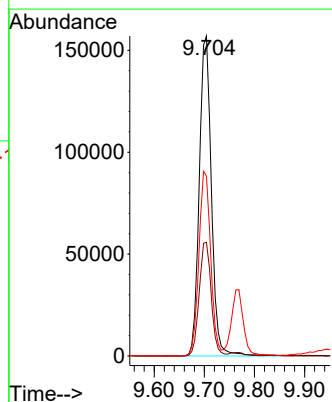
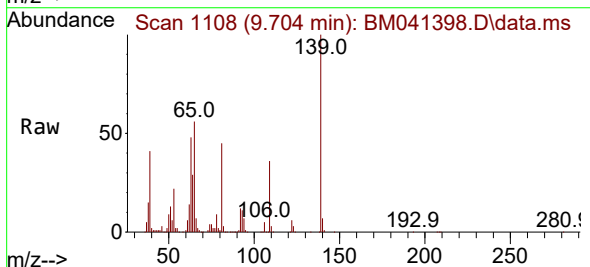
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

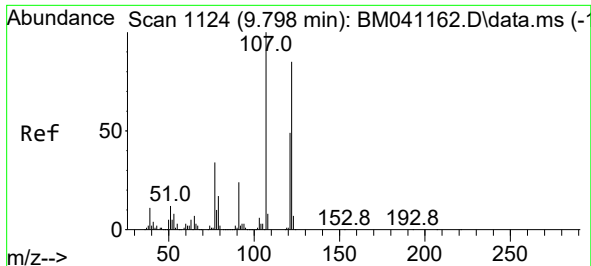
Tgt Ion: 82 Resp: 1028840
Ion Ratio Lower Upper
82 100
95 7.3 5.3 7.9
138 16.4 12.8 19.2



#26
2-Nitrophenol
Concen: 47.082 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion: 139 Resp: 262962
Ion Ratio Lower Upper
139 100
109 35.6 25.4 38.2
65 56.2 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 42.894 ng

RT: 9.769 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

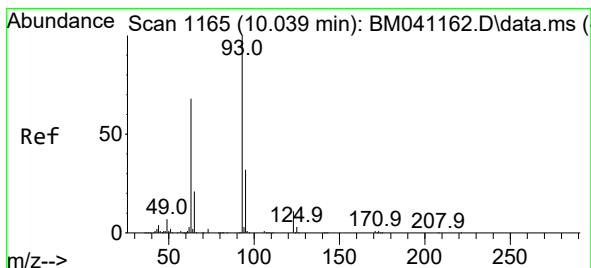
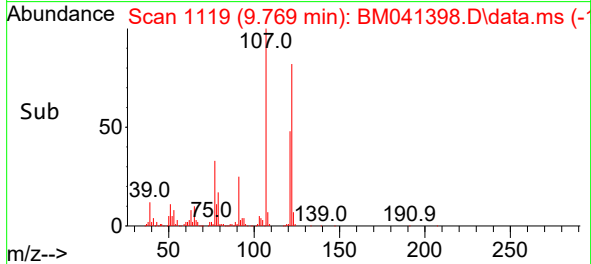
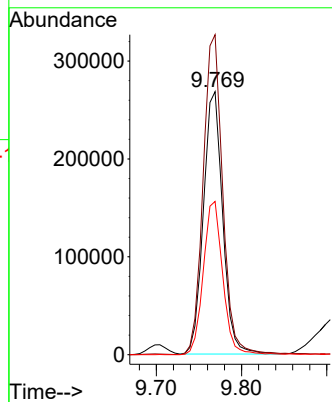
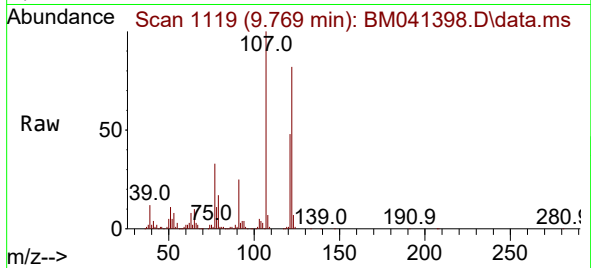
Tgt Ion:122 Resp: 421570

Ion Ratio Lower Upper

122 100

107 121.6 94.3 141.5

121 58.3 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.837 ng

RT: 10.004 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

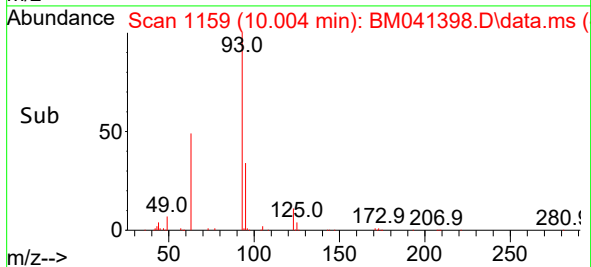
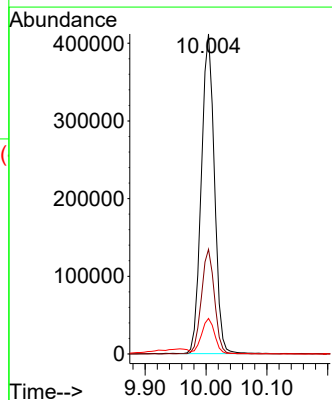
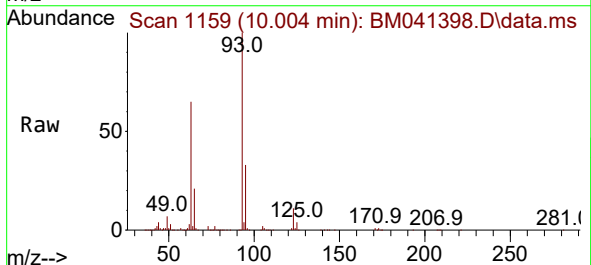
Tgt Ion: 93 Resp: 613482

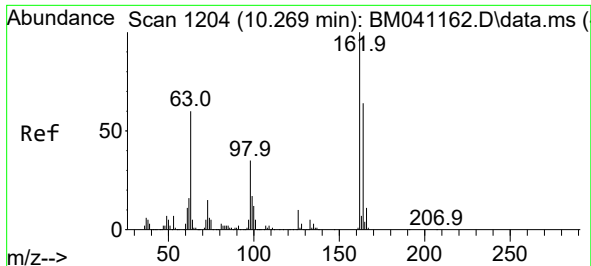
Ion Ratio Lower Upper

93 100

95 32.7 25.9 38.9

123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.418 ng

RT: 10.233 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

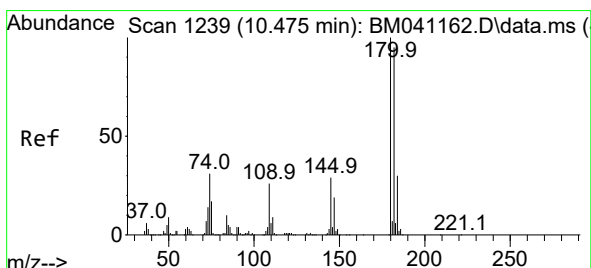
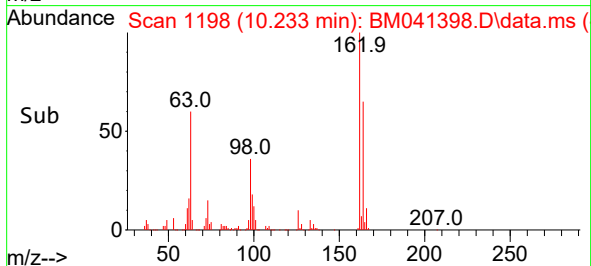
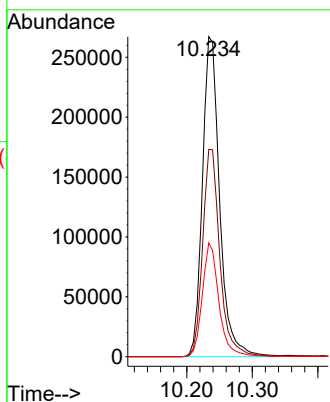
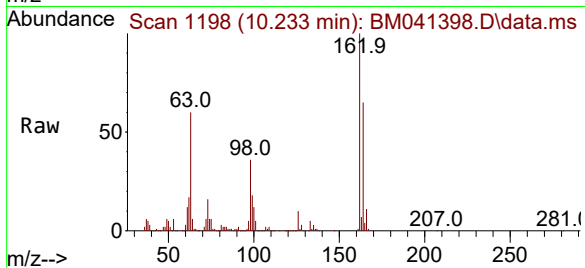
Tgt Ion:162 Resp: 489791

Ion Ratio Lower Upper

162 100

164 64.8 44.3 84.3

98 35.5 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 46.787 ng

RT: 10.439 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

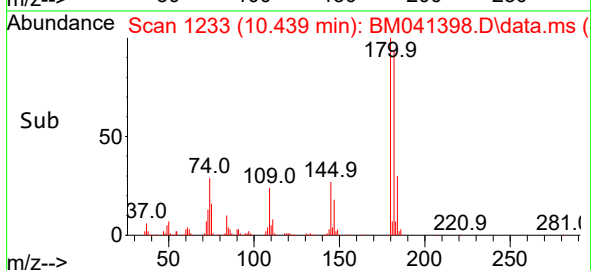
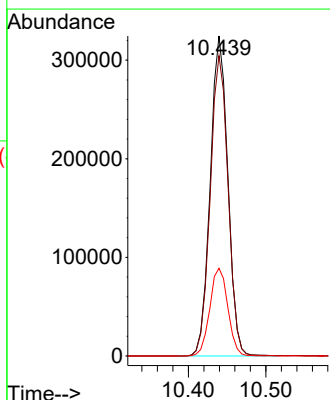
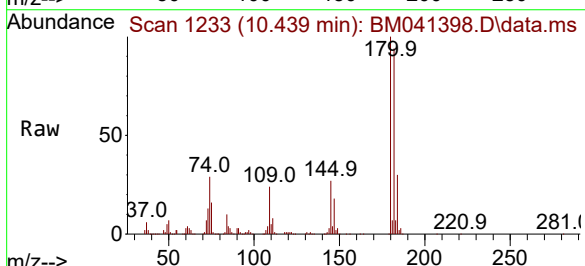
Tgt Ion:180 Resp: 512332

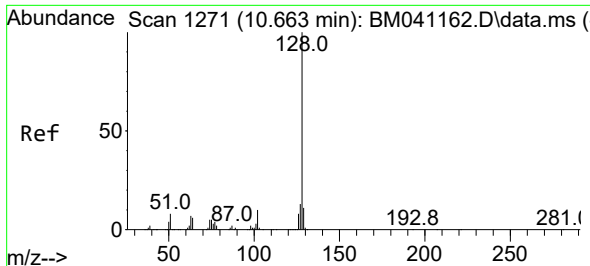
Ion Ratio Lower Upper

180 100

182 93.8 75.9 113.9

145 27.4 23.6 35.4

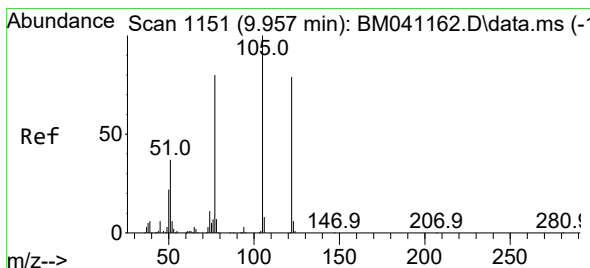
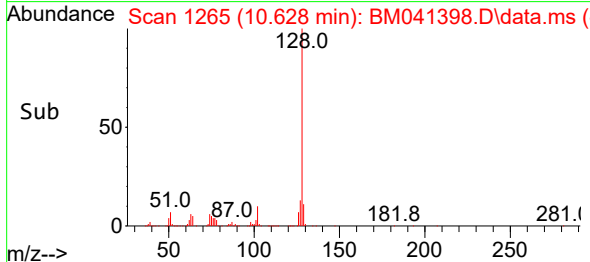
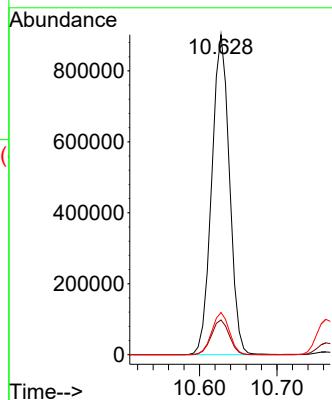
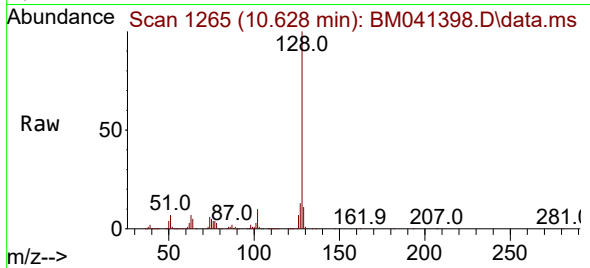




#31
Naphthalene
Concen: 40.170 ng
RT: 10.628 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

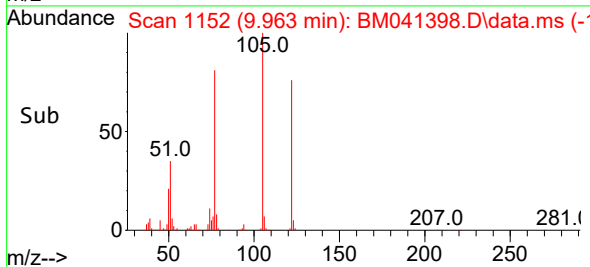
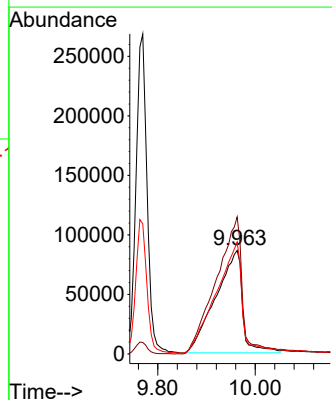
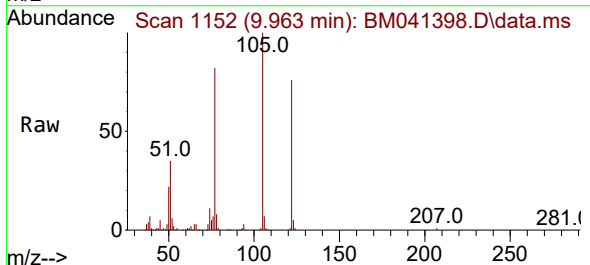
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

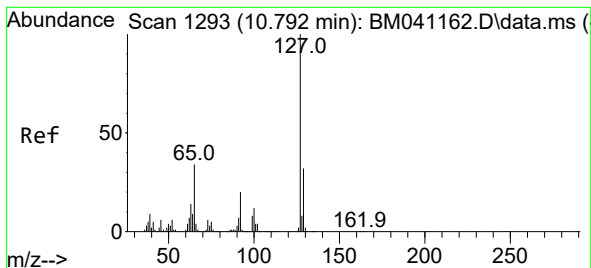
Tgt Ion:128 Resp: 1432189
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 45.192 ng
RT: 9.963 min Scan# 1152
Delta R.T. 0.012 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:122 Resp: 329954
Ion Ratio Lower Upper
122 100
105 132.3 104.0 144.0
77 108.1 79.9 119.9

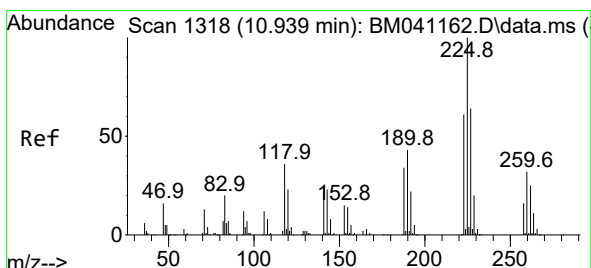
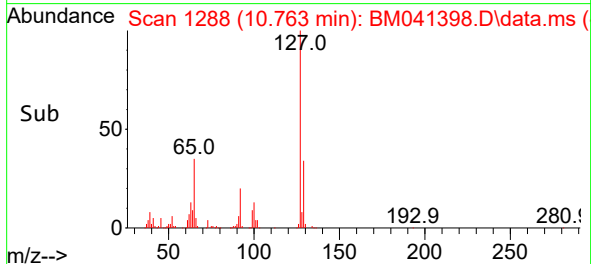
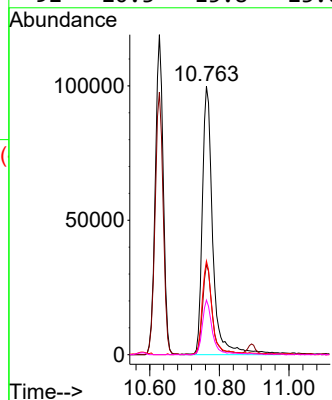
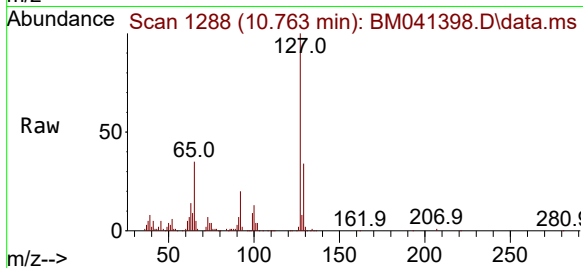




#33
4-Chloroaniline
Concen: 14.716 ng
RT: 10.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

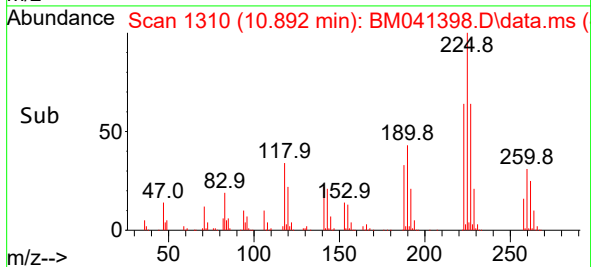
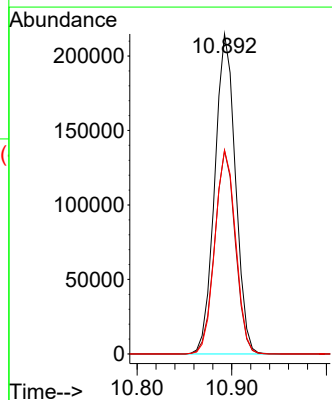
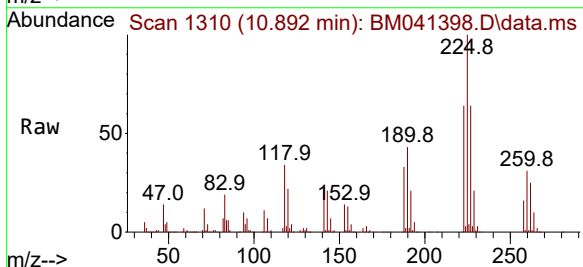
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

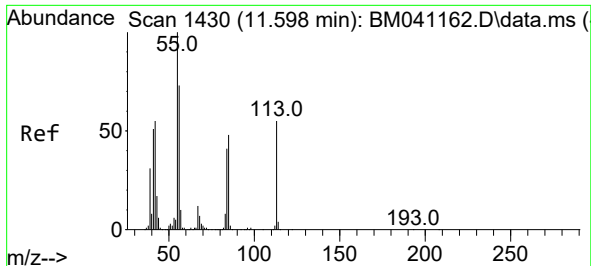
Tgt Ion:	127	Resp:	209682
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.9	38.9
65	34.9	26.9	40.3
92	20.3	15.8	23.6



#34
Hexachlorobutadiene
Concen: 49.466 ng
RT: 10.892 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:	225	Resp:	325780
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.0	73.4
227	63.7	50.8	76.2

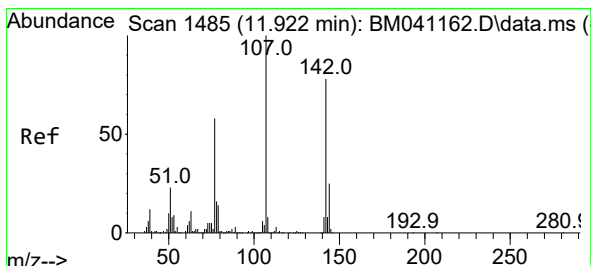
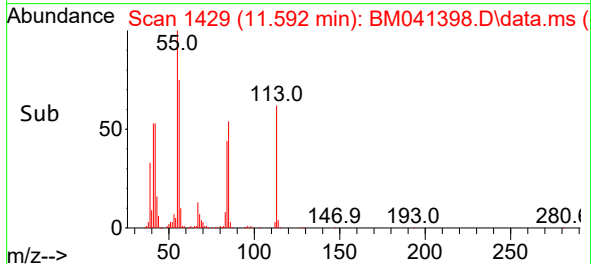
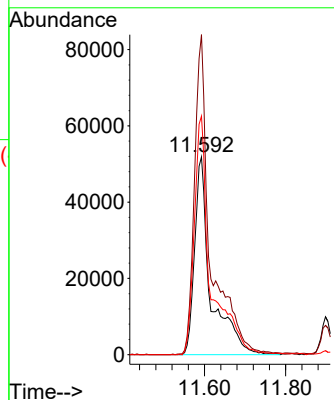
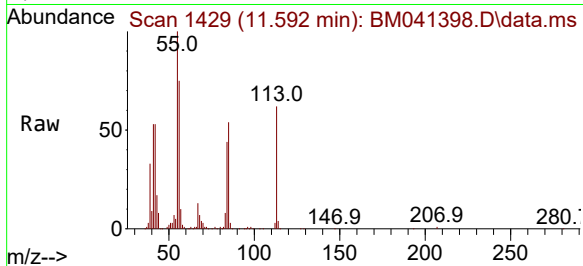




#35
Caprolactam
Concen: 50.503 ng
RT: 11.592 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

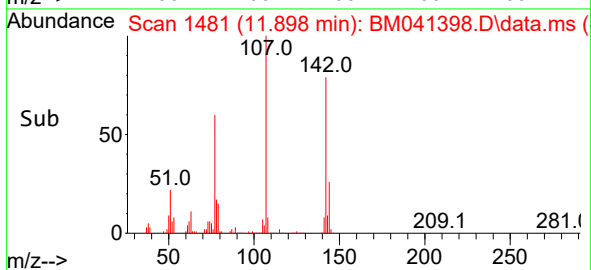
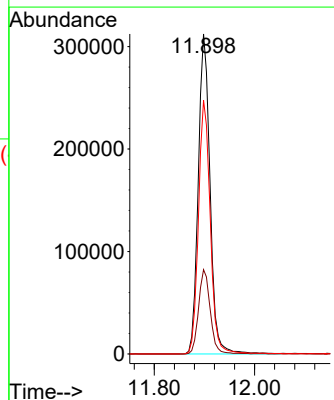
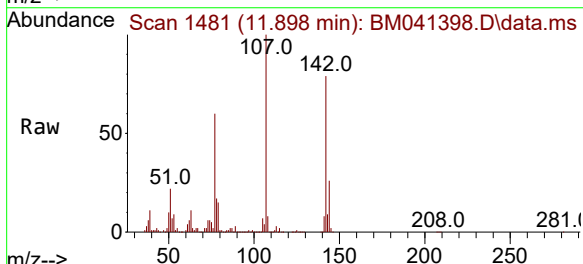
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

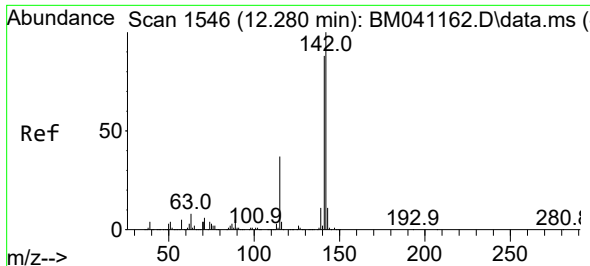
Tgt Ion:113 Resp: 144798
Ion Ratio Lower Upper
113 100
55 161.8 162.5 202.5#
56 120.7 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 48.799 ng
RT: 11.898 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:107 Resp: 509068
Ion Ratio Lower Upper
107 100
144 26.4 20.1 30.1
142 79.3 62.2 93.4

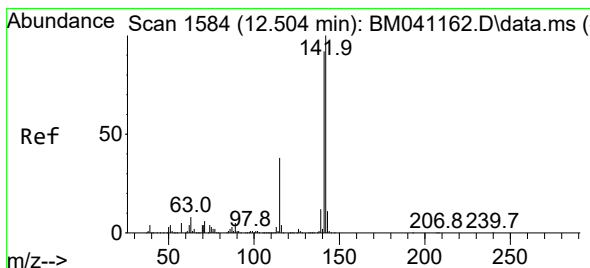
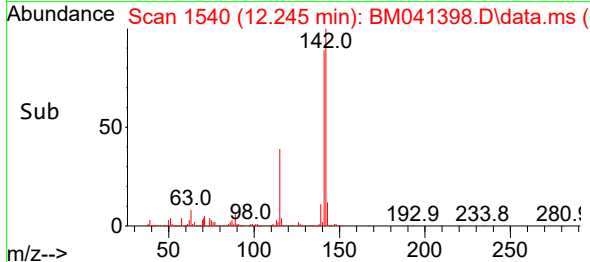
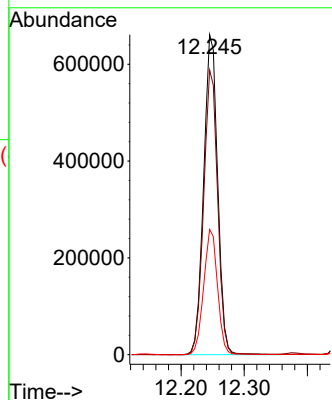
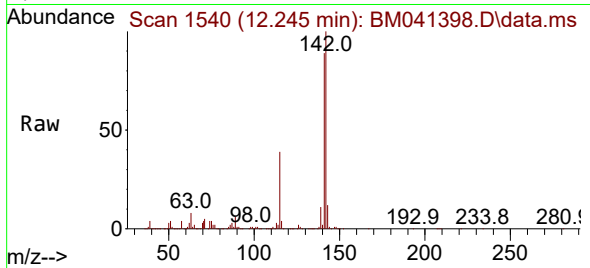




#37
2-Methylnaphthalene
Concen: 42.340 ng
RT: 12.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

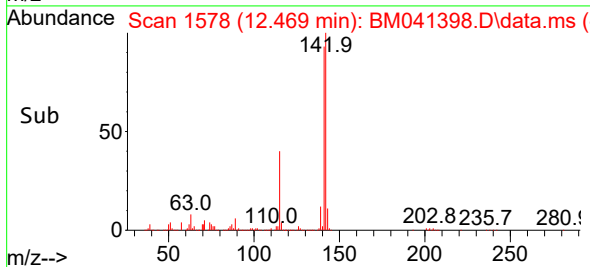
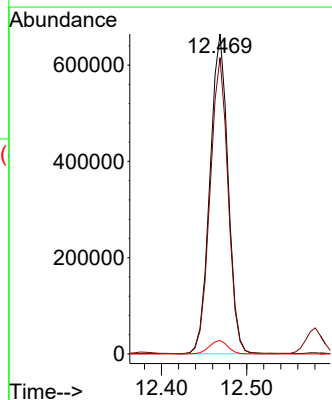
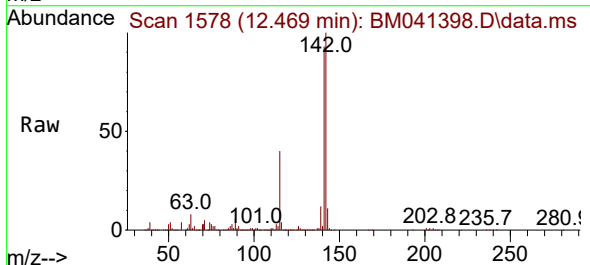
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

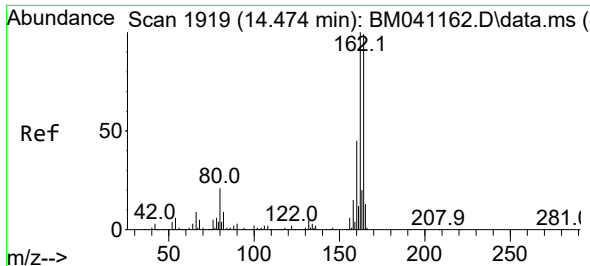
Tgt Ion:142 Resp: 1017721
Ion Ratio Lower Upper
142 100
141 88.9 70.7 106.1
115 39.1 29.3 43.9



#38
1-Methylnaphthalene
Concen: 43.600 ng
RT: 12.469 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:142 Resp: 980867
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.2
116 4.2 3.2 4.8

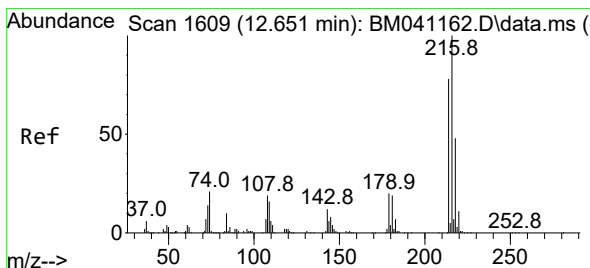
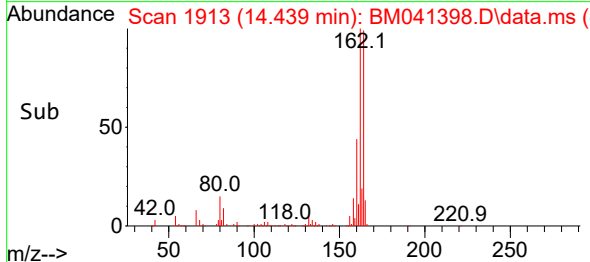
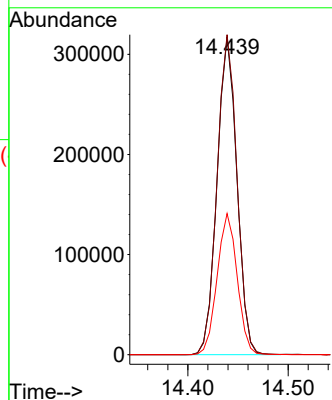
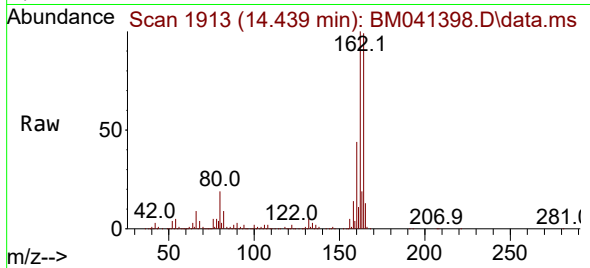




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

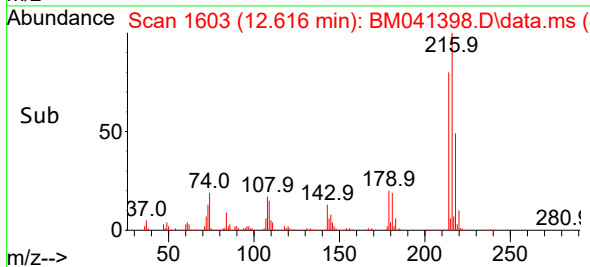
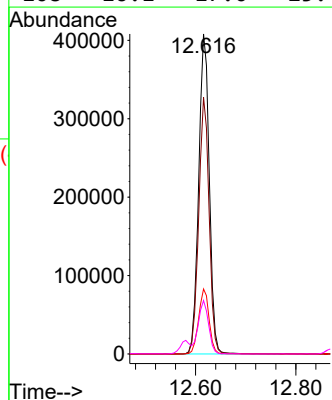
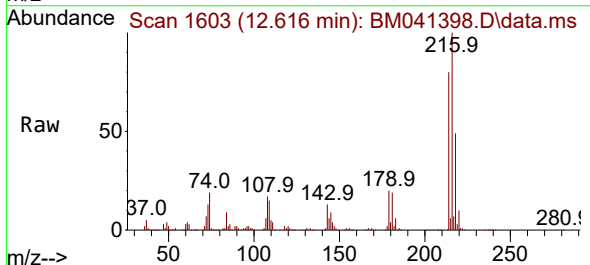
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

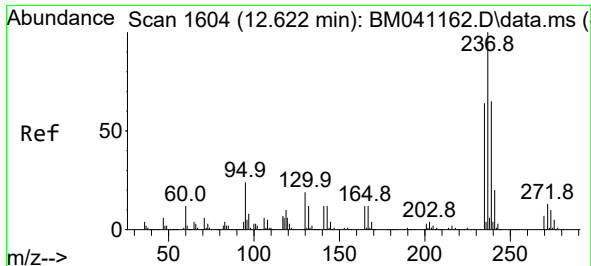
Tgt Ion:164 Resp: 436359
Ion Ratio Lower Upper
164 100
162 100.7 80.4 120.6
160 44.4 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.117 ng
RT: 12.616 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:216 Resp: 596765
Ion Ratio Lower Upper
216 100
214 78.8 63.2 94.8
179 20.1 16.2 24.2
108 16.1 17.0 25.4#

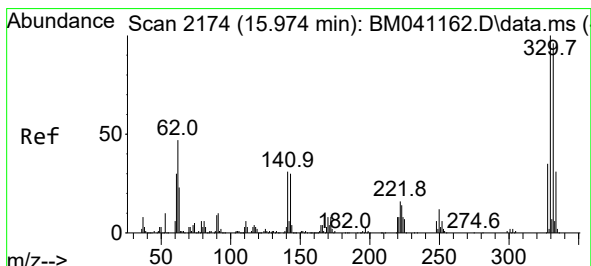
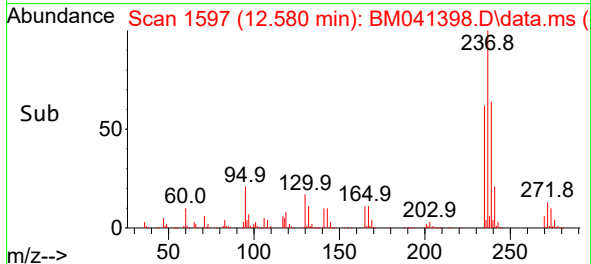
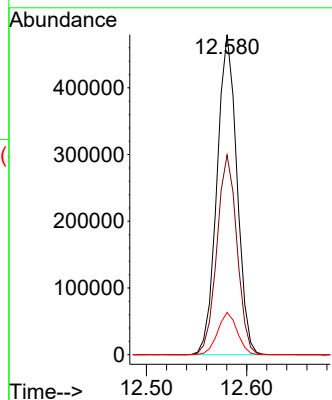
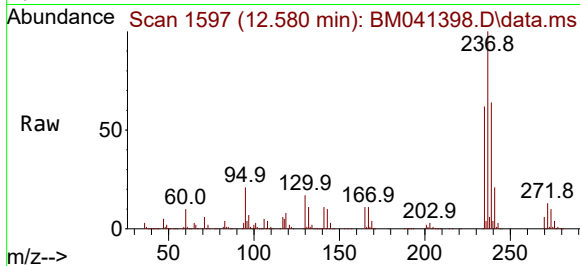




#41
Hexachlorocyclopentadiene
Concen: 88.512 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

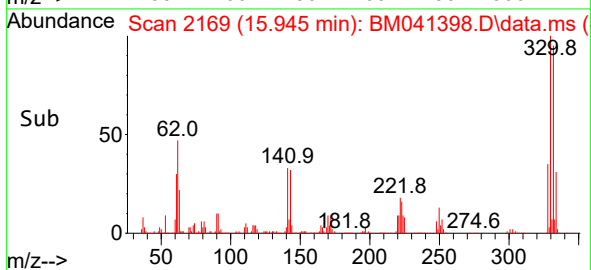
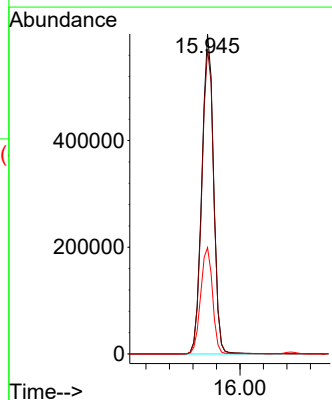
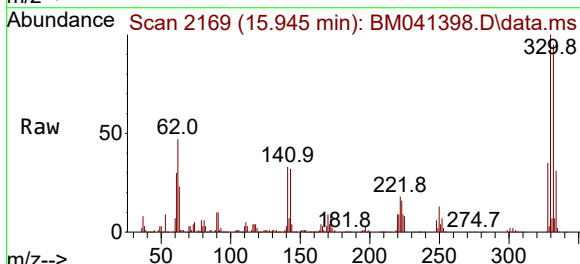
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

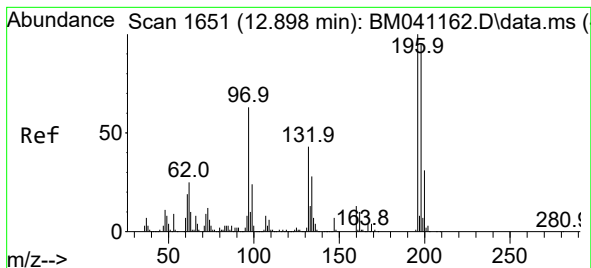
Tgt Ion:237 Resp: 663497
Ion Ratio Lower Upper
237 100
235 62.4 43.6 83.6
272 13.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 134.671 ng
RT: 15.945 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:330 Resp: 831197
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 33.8 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 46.606 ng

RT: 12.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

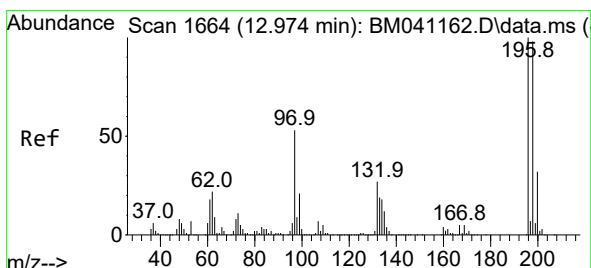
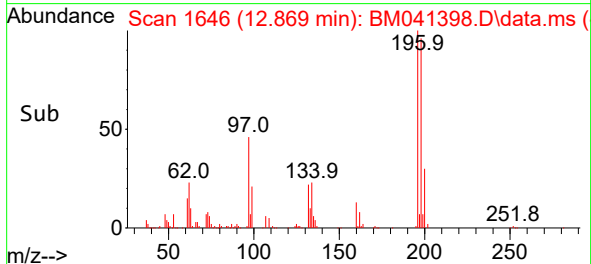
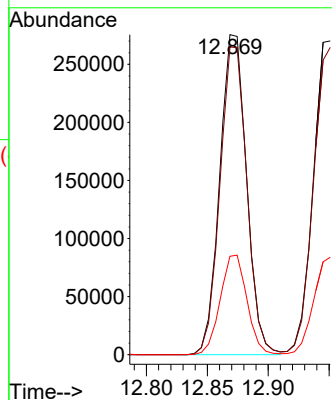
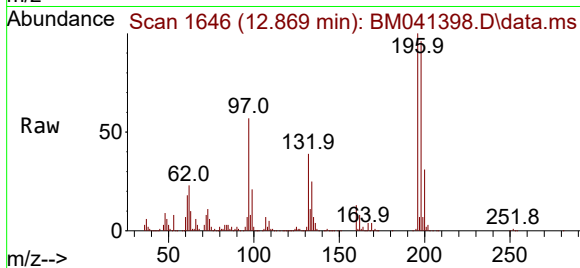
Tgt Ion:196 Resp: 423254

Ion Ratio Lower Upper

196 100

198 96.2 76.2 114.4

200 30.7 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 44.008 ng

RT: 12.951 min Scan# 1660

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Tgt Ion:196 Resp: 462575

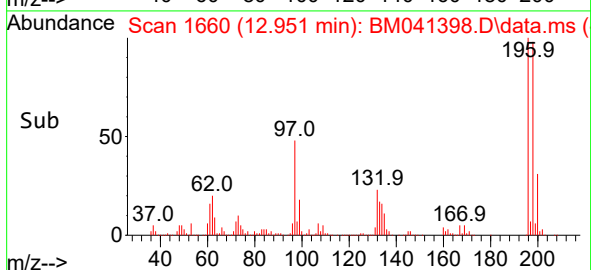
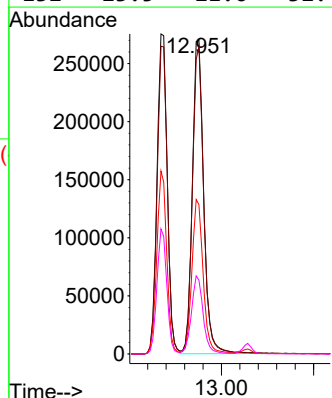
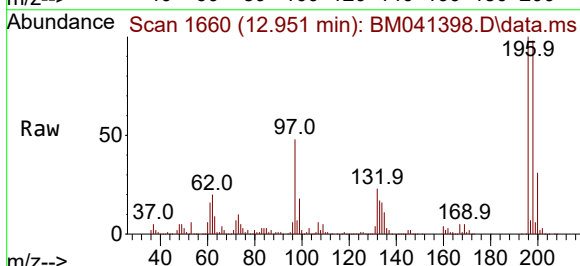
Ion Ratio Lower Upper

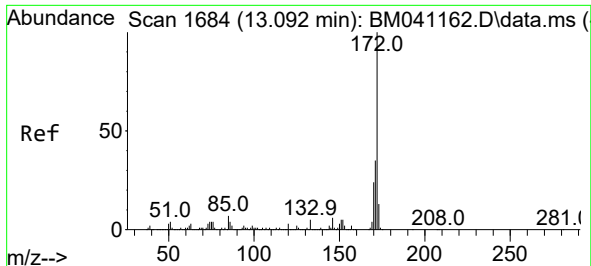
196 100

198 97.9 78.2 117.4

97 47.6 42.7 64.1

132 23.5 21.6 32.4

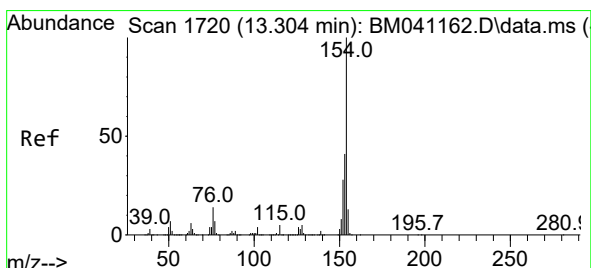
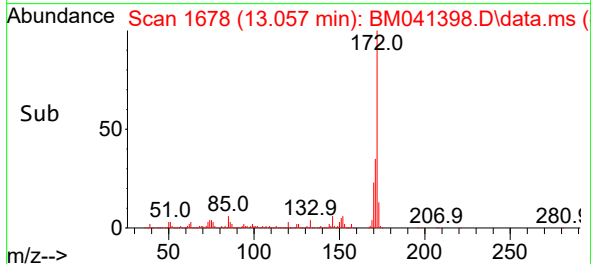
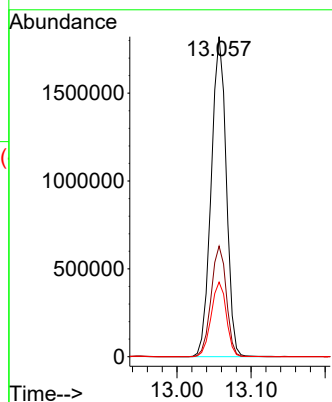
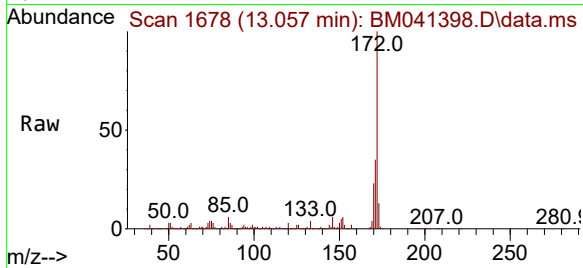




#45
2-Fluorobiphenyl
Concen: 74.391 ng
RT: 13.057 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

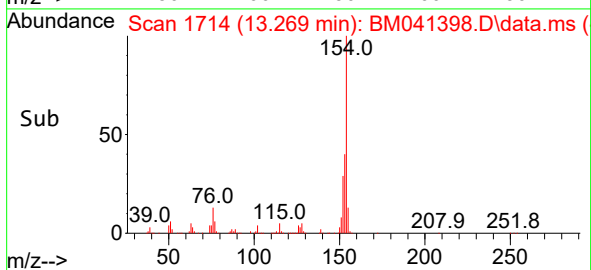
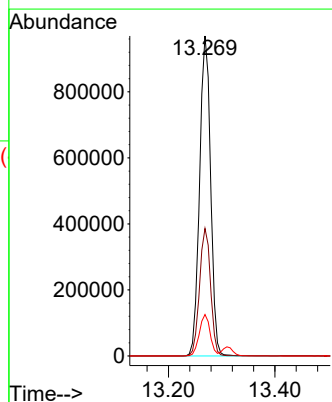
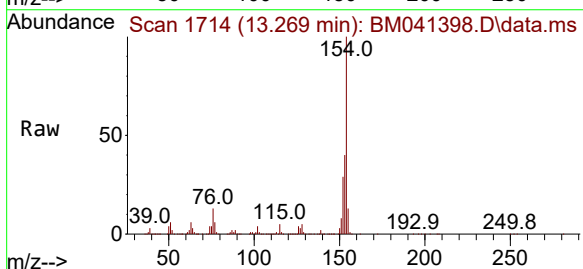
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

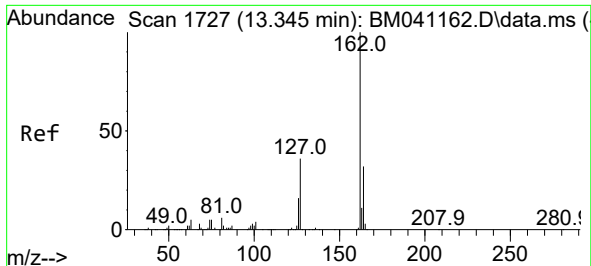
Tgt Ion:172 Resp: 2569677
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 39.243 ng
RT: 13.269 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:154 Resp: 1388232
Ion Ratio Lower Upper
154 100
153 39.8 20.5 60.5
76 12.9 0.0 34.1

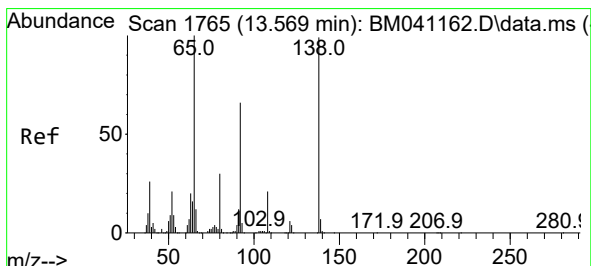
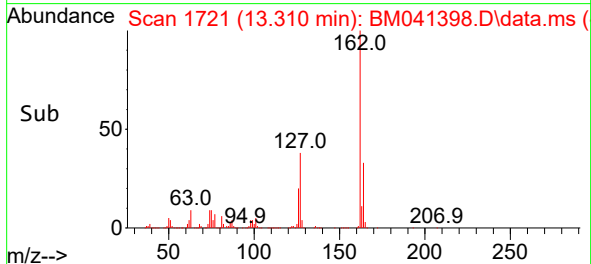
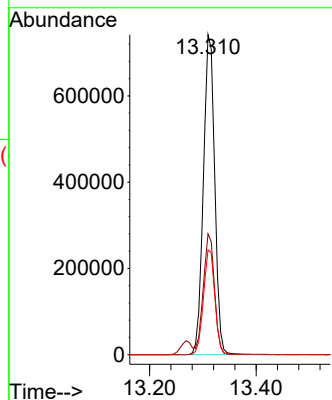
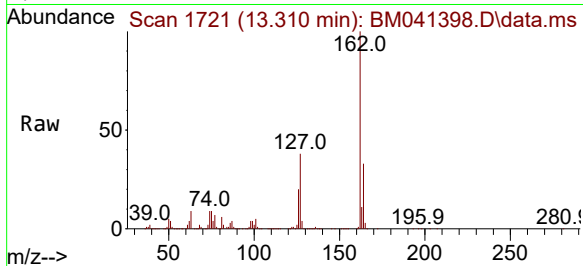




#47
2-Chloronaphthalene
Concen: 41.493 ng
RT: 13.310 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

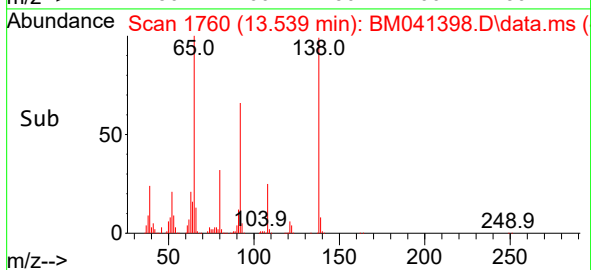
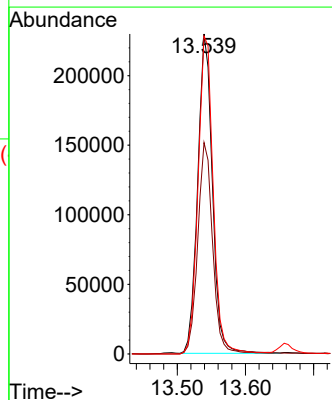
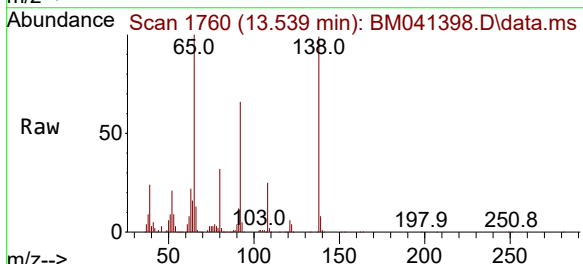
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

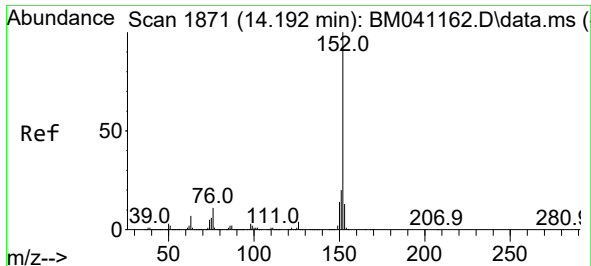
Tgt Ion:162 Resp: 1095979
Ion Ratio Lower Upper
162 100
127 37.7 30.6 45.8
164 32.7 25.6 38.4



#48
2-Nitroaniline
Concen: 40.840 ng
RT: 13.539 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion: 65 Resp: 344333
Ion Ratio Lower Upper
65 100
92 66.1 53.0 79.4
138 99.3 79.1 118.7

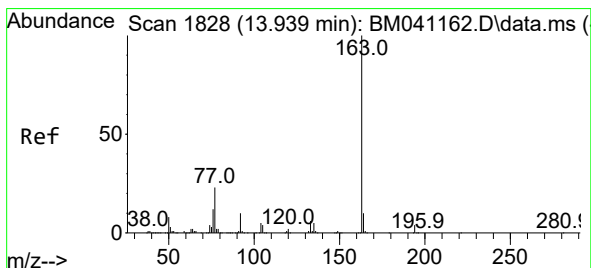
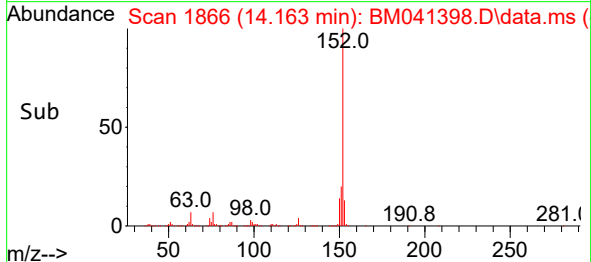
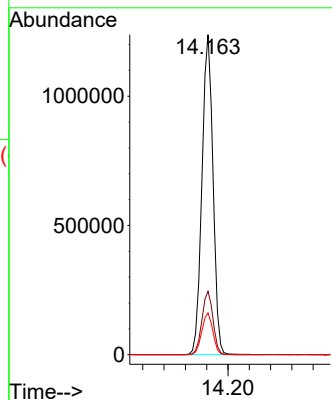
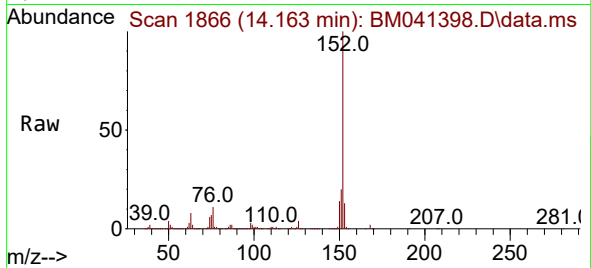




#49
Acenaphthylene
Concen: 41.787 ng
RT: 14.163 min Scan# 1866
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

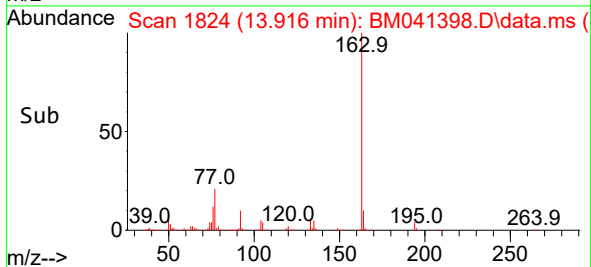
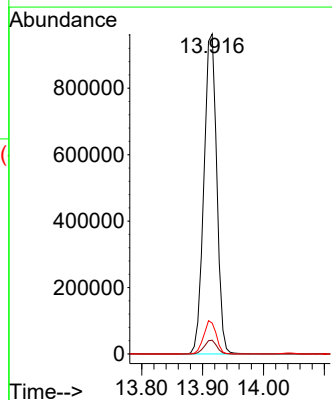
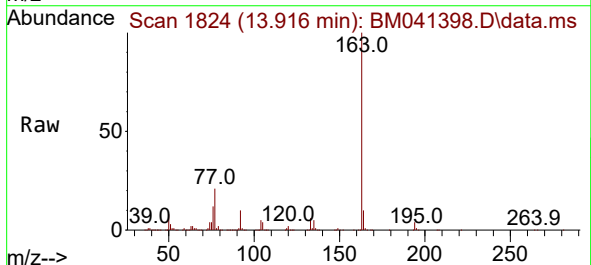
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

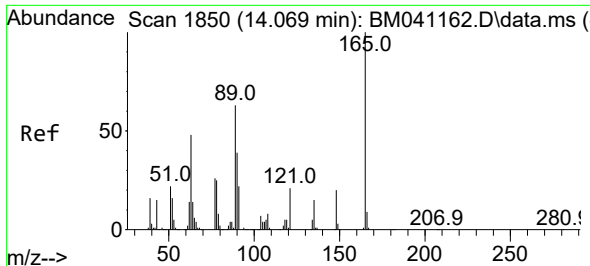
Tgt Ion:152 Resp: 1781512
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 42.947 ng
RT: 13.916 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:163 Resp: 1409673
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.6 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 45.729 ng

RT: 14.045 min Scan# 1850

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

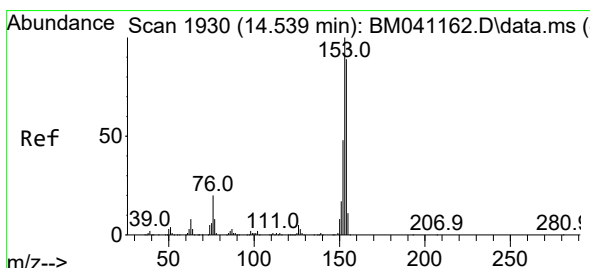
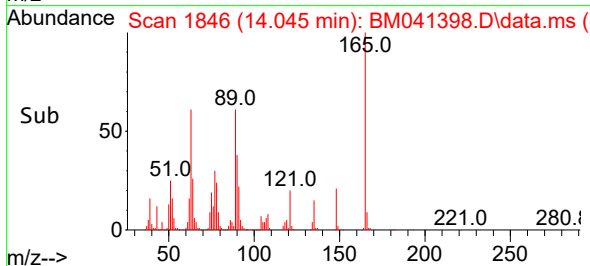
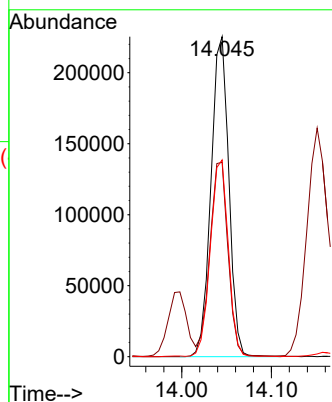
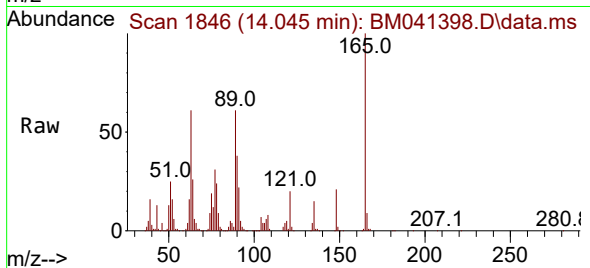
Tgt Ion:165 Resp: 311006

Ion Ratio Lower Upper

165 100

63 60.8 50.9 76.3

89 61.5 50.6 76.0



#52

Acenaphthene

Concen: 39.661 ng

RT: 14.504 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

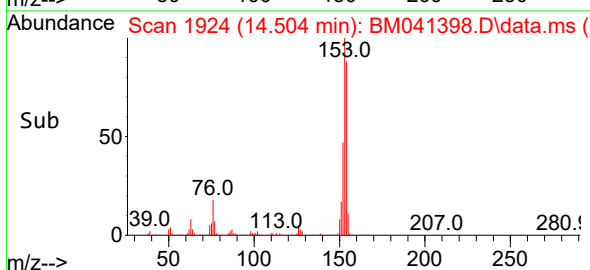
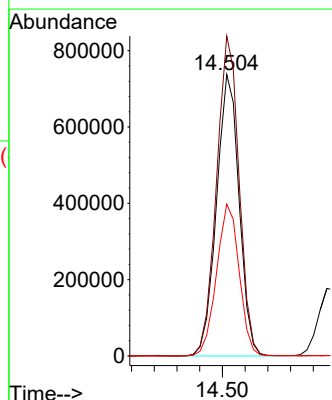
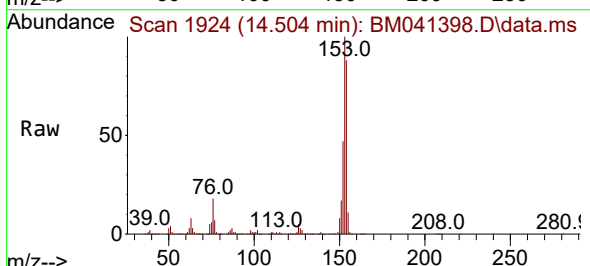
Tgt Ion:154 Resp: 1018640

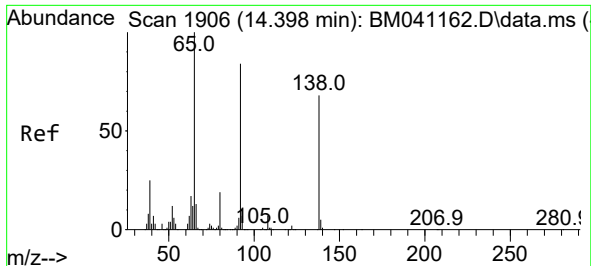
Ion Ratio Lower Upper

154 100

153 113.7 90.2 135.4

152 53.9 43.4 65.0

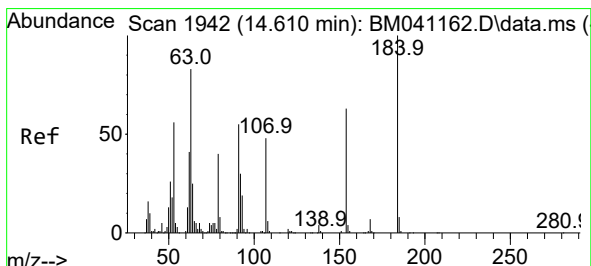
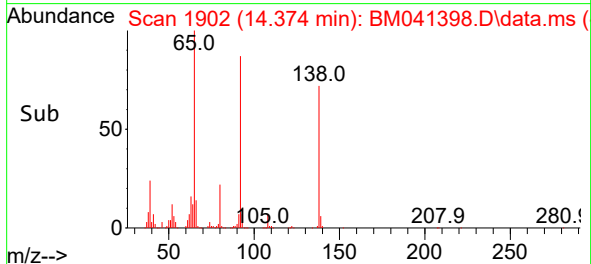
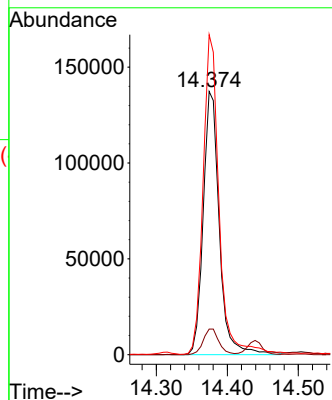
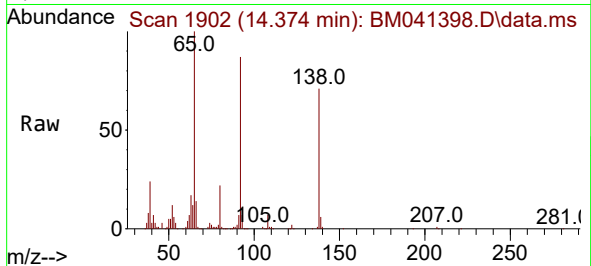




#53
3-Nitroaniline
Concen: 28.676 ng
RT: 14.374 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

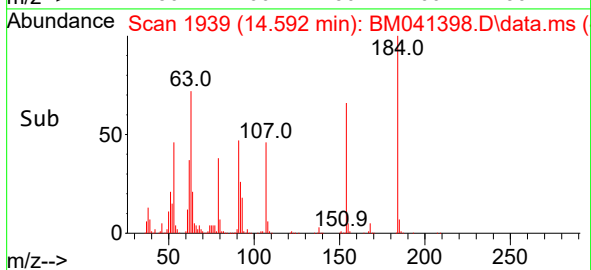
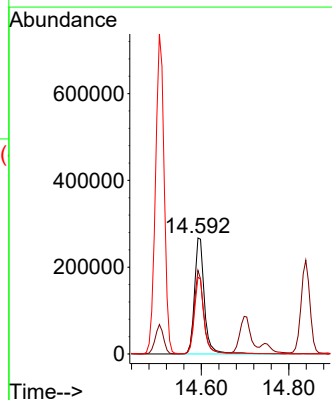
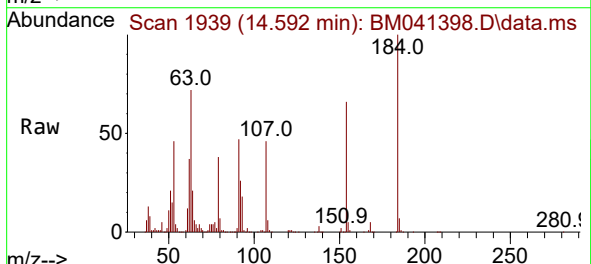
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

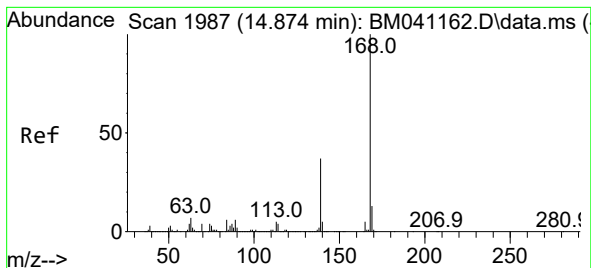
Tgt Ion:138 Resp: 217050
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 121.6 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 91.156 ng
RT: 14.592 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:184 Resp: 422687
Ion Ratio Lower Upper
184 100
63 71.9 66.5 99.7
154 66.2 52.8 79.2





#55

Dibenzenofuran

Concen: 41.111 ng

RT: 14.845 min Scan# 1982

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

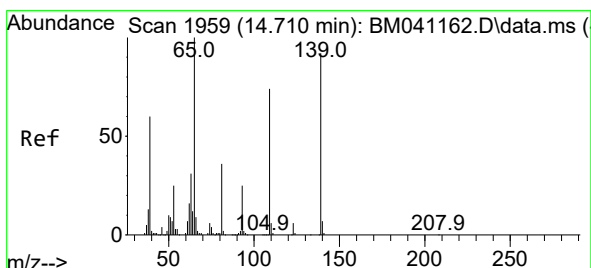
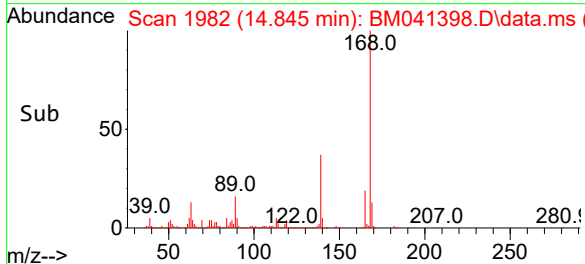
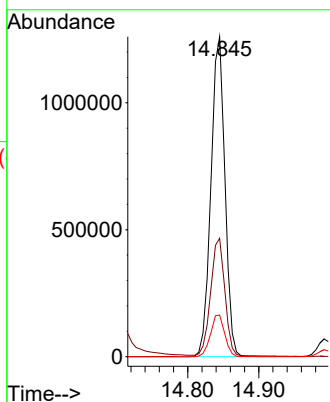
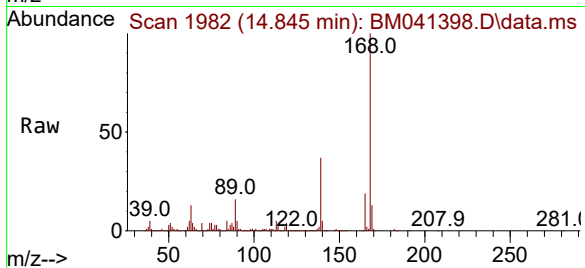
Tgt Ion:168 Resp: 1722730

Ion Ratio Lower Upper

168 100

139 37.0 29.8 44.6

169 13.0 10.5 15.7



#56

4-Nitrophenol

Concen: 84.111 ng

RT: 14.698 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

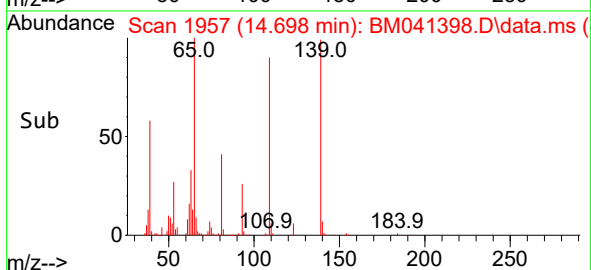
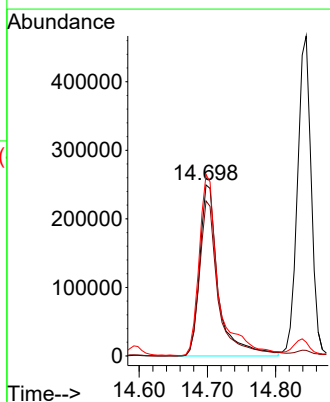
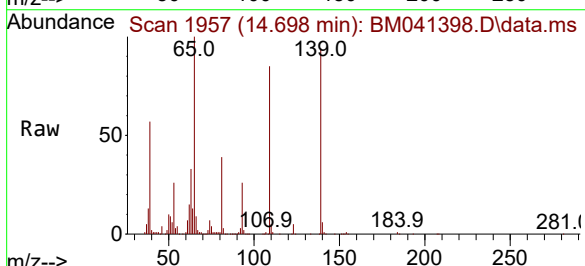
Tgt Ion:139 Resp: 476754

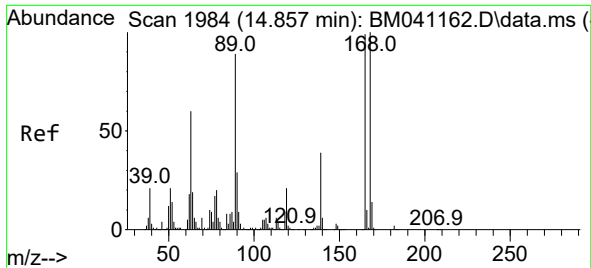
Ion Ratio Lower Upper

139 100

109 90.7 61.2 101.2

65 106.1 89.5 129.5





#57

2,4-Dinitrotoluene

Concen: 45.561 ng

RT: 14.839 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

Tgt Ion:165 Resp: 441112

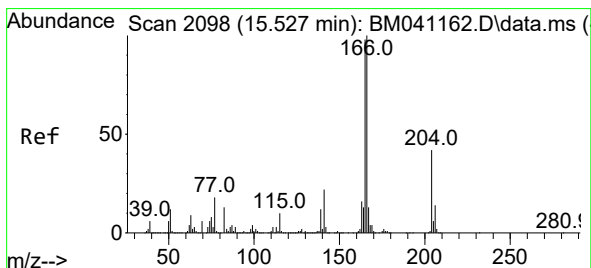
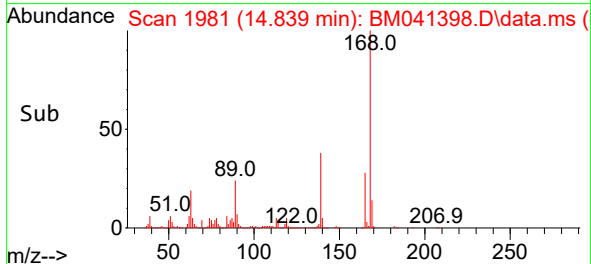
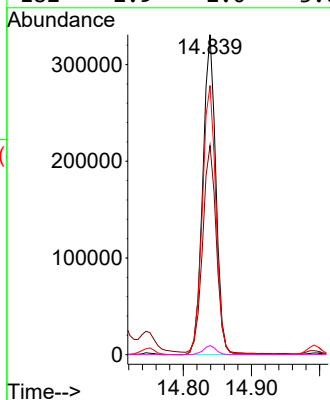
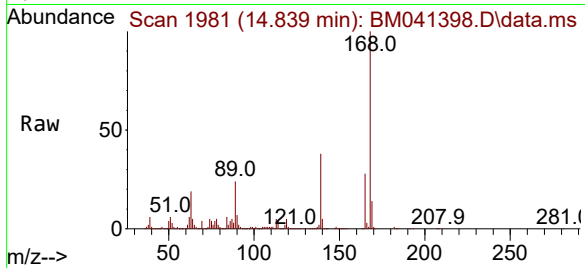
Ion Ratio Lower Upper

165 100

63 65.3 48.3 72.5

89 84.1 71.8 107.8

182 2.9 2.0 3.0



#58

Fluorene

Concen: 42.091 ng

RT: 15.498 min Scan# 2093

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

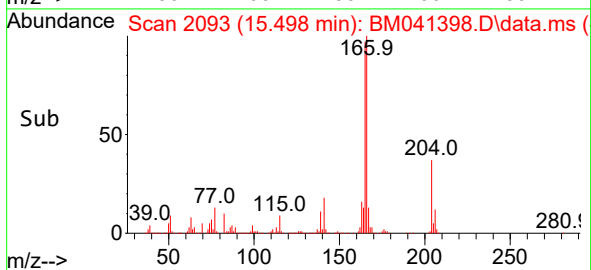
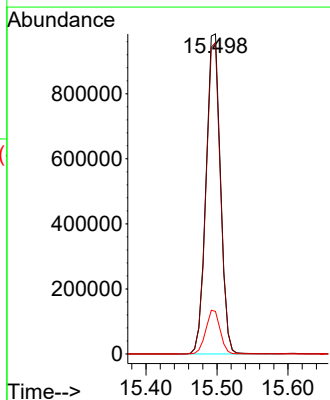
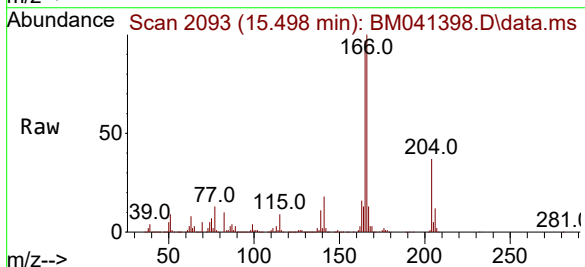
Tgt Ion:166 Resp: 1391446

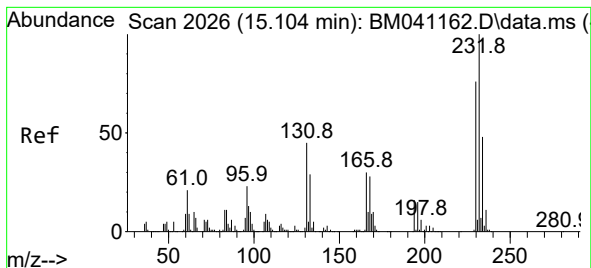
Ion Ratio Lower Upper

166 100

165 97.3 78.2 117.4

167 13.3 10.6 16.0

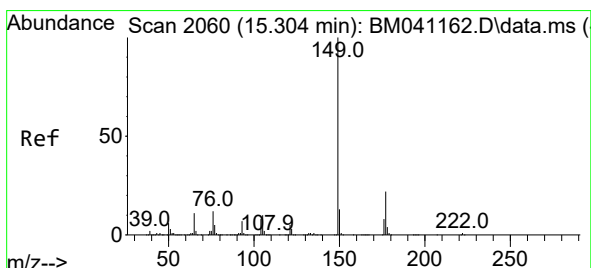
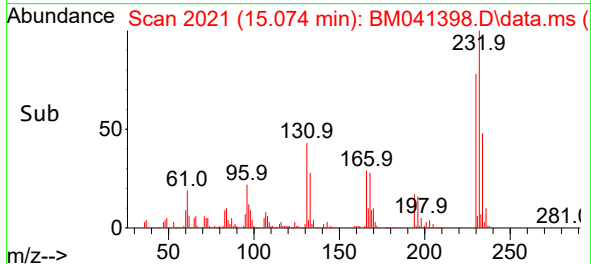
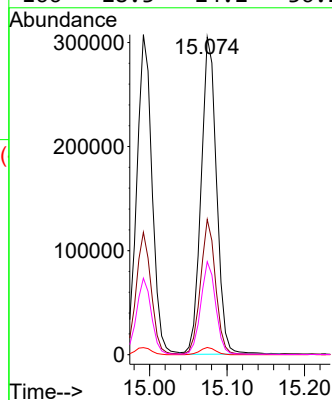
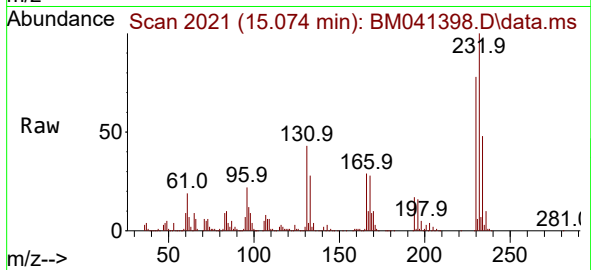




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.567 ng
RT: 15.074 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

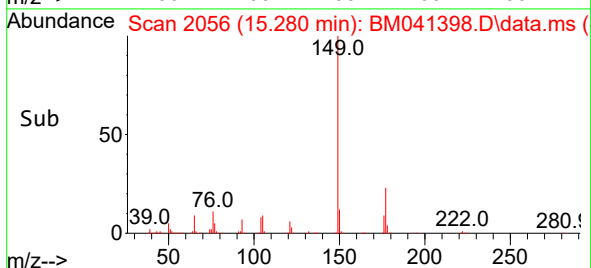
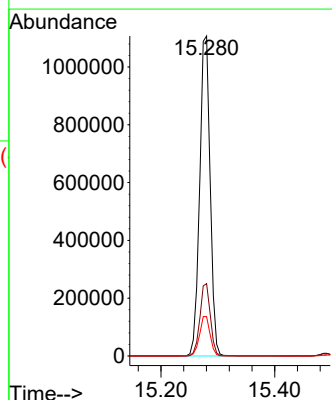
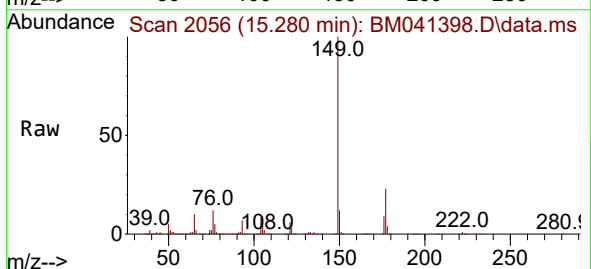
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

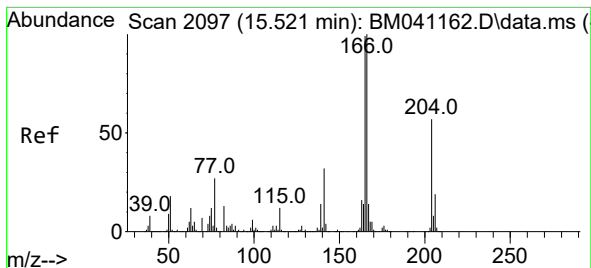
Tgt Ion:232 Resp: 421897
Ion Ratio Lower Upper
232 100
131 41.0 36.9 55.3
130 2.3 2.0 3.0
166 28.3 24.2 36.2



#60
Diethylphthalate
Concen: 44.859 ng
RT: 15.280 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:149 Resp: 1423916
Ion Ratio Lower Upper
149 100
177 22.6 17.5 26.3
150 12.3 10.1 15.1

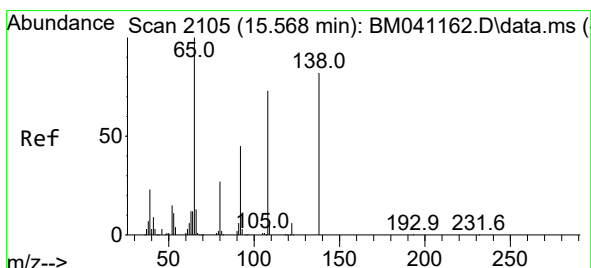
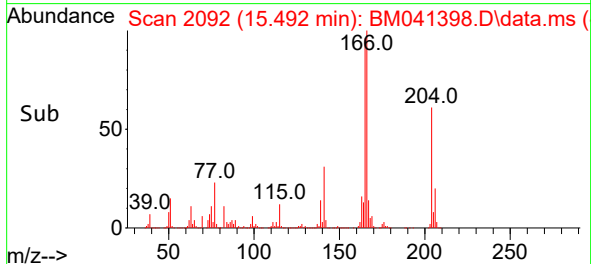
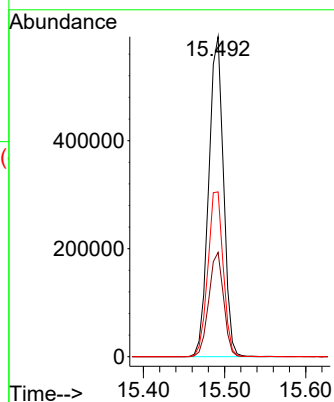
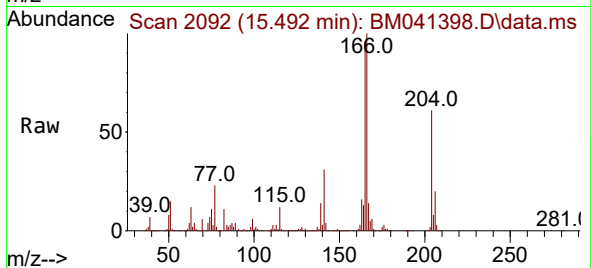




#61
4-Chlorophenyl-phenylether
Concen: 45.249 ng
RT: 15.492 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

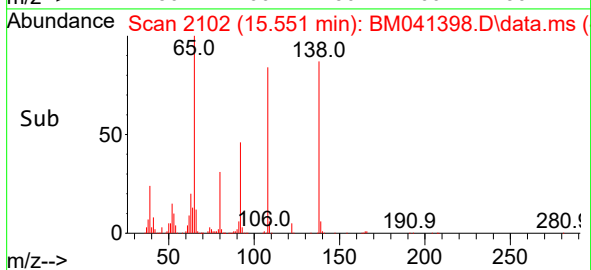
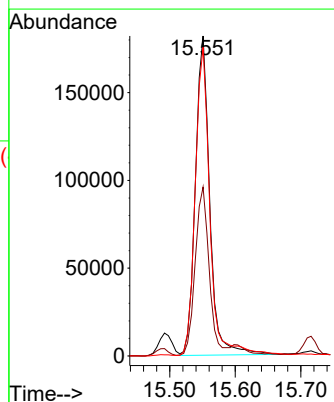
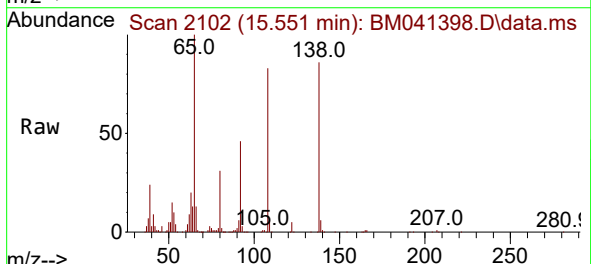
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

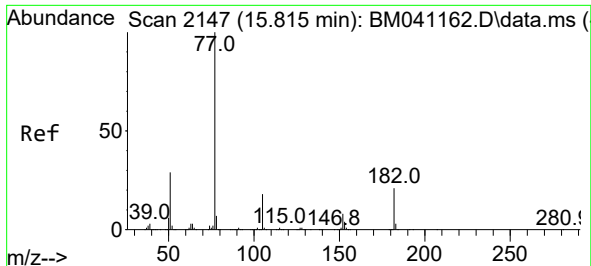
Tgt Ion:204 Resp: 749578
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 51.5 44.8 67.2



#62
4-Nitroaniline
Concen: 39.154 ng
RT: 15.551 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:138 Resp: 277944
Ion Ratio Lower Upper
138 100
92 52.8 35.1 75.1
108 96.5 67.8 107.8



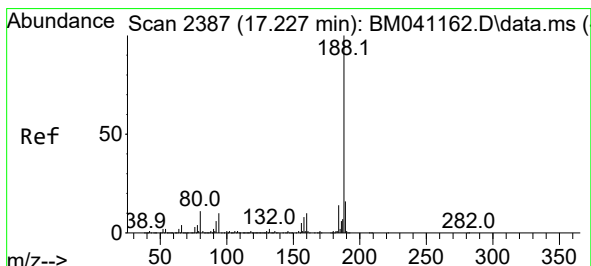
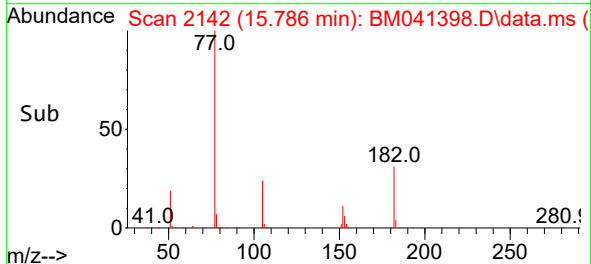
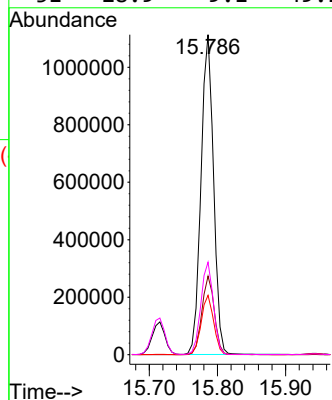
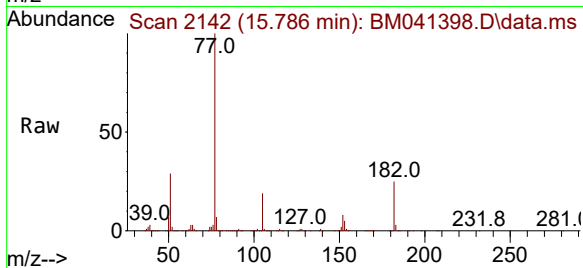


#63
Azobenzene
Concen: 40.917 ng
RT: 15.786 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Instrument :
BNA_M
ClientSampleId :
PB154769BSD

Tgt Ion: 77 Resp: 1422681

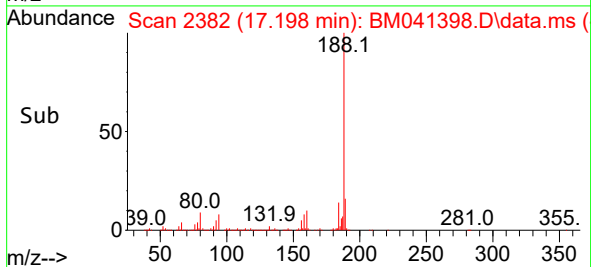
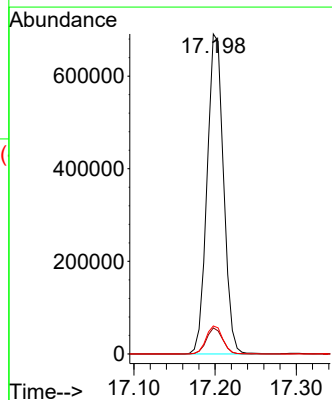
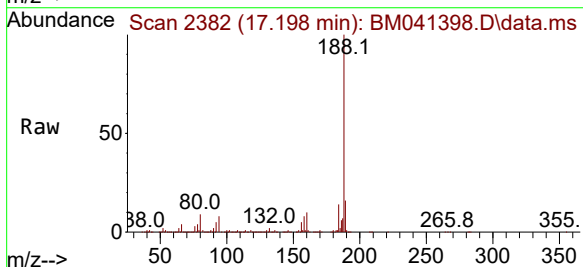
Ion	Ratio	Lower	Upper
77	100		
182	24.6	1.3	41.3
105	18.5	0.0	38.5
51	28.9	9.1	49.1

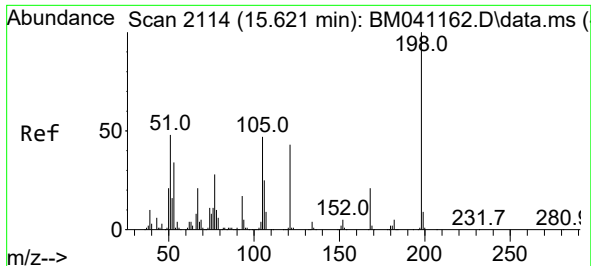


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion: 188 Resp: 971068

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	8.7	8.6	13.0

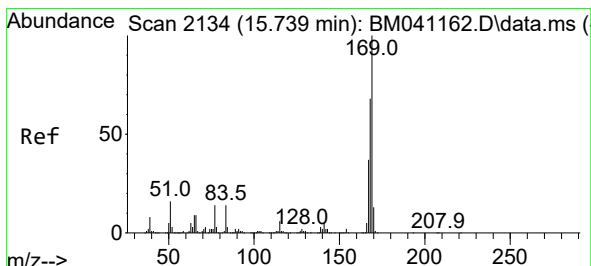
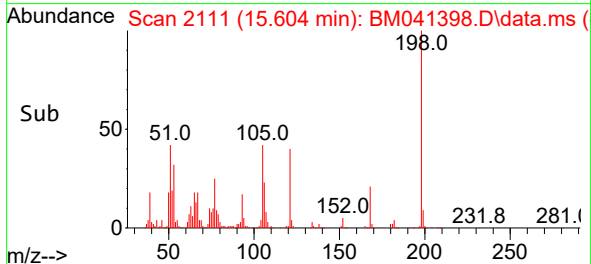
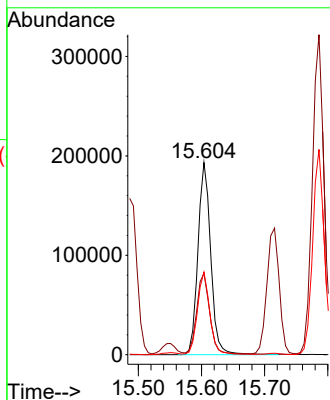
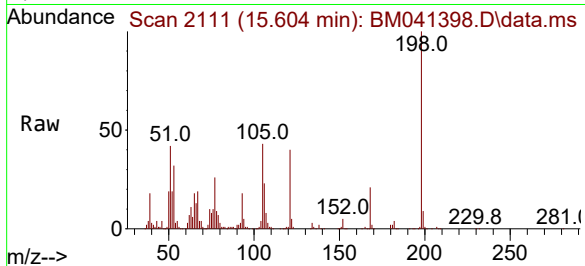




#65
4,6-Dinitro-2-methylphenol
Concen: 46.191 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

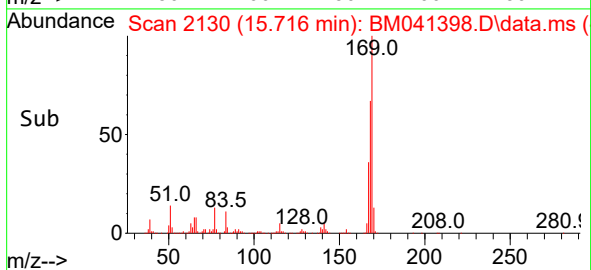
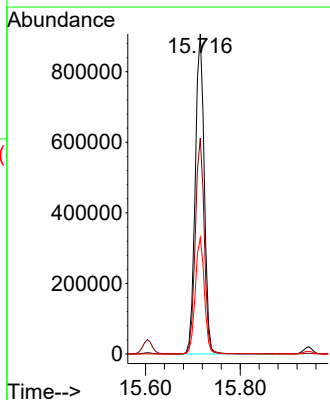
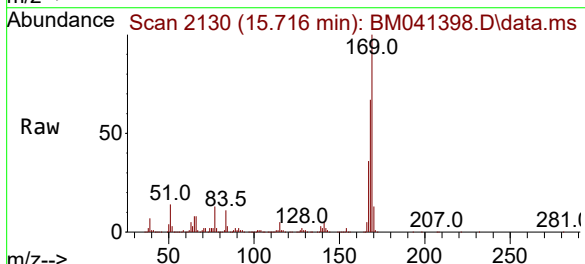
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

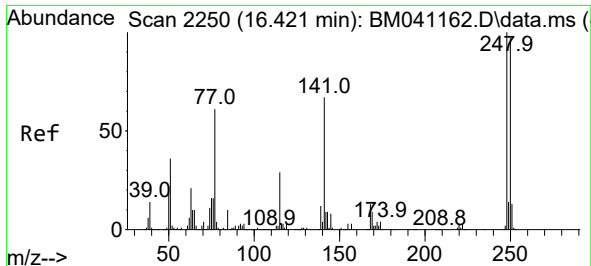
Tgt Ion:198 Resp: 271725
Ion Ratio Lower Upper
198 100
51 42.3 31.7 71.7
105 42.9 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 39.657 ng
RT: 15.716 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:169 Resp: 1197684
Ion Ratio Lower Upper
169 100
168 67.4 54.6 81.8
167 36.3 29.9 44.9

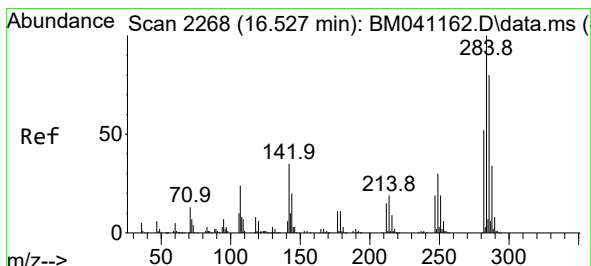
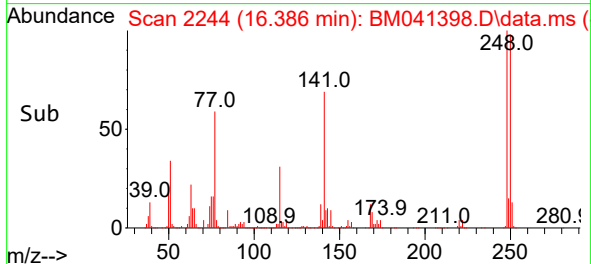
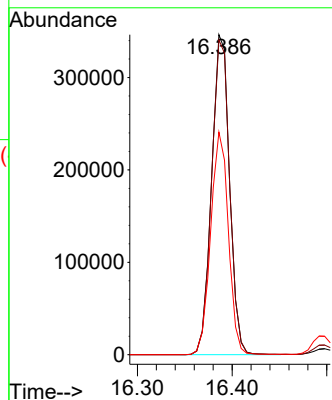
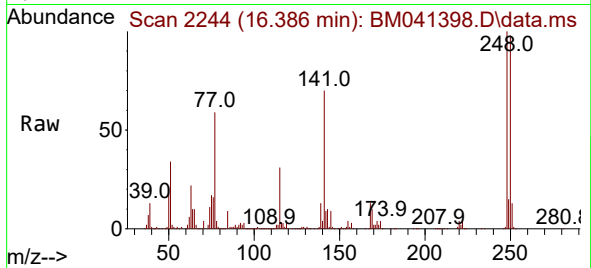




#67
4-Bromophenyl-phenylether
Concen: 42.821 ng
RT: 16.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

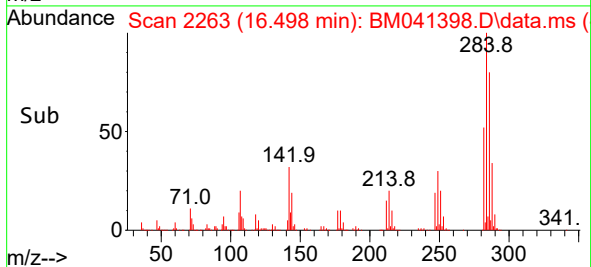
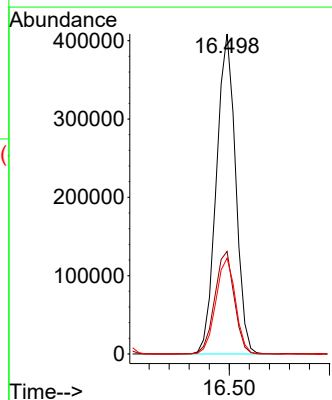
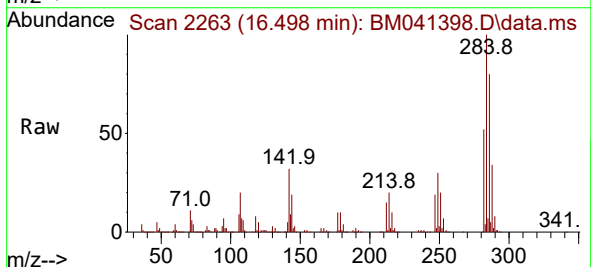
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

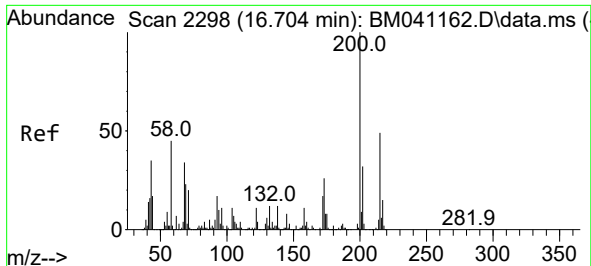
Tgt Ion:248 Resp: 455918
Ion Ratio Lower Upper
248 100
250 98.4 78.0 117.0
141 69.5 53.8 80.8



#68
Hexachlorobenzene
Concen: 45.850 ng
RT: 16.498 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:284 Resp: 542818
Ion Ratio Lower Upper
284 100
142 32.1 28.0 42.0
249 30.0 23.7 35.5

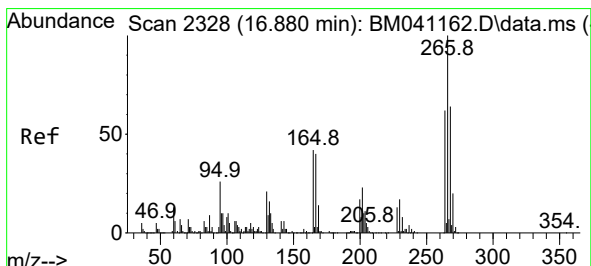
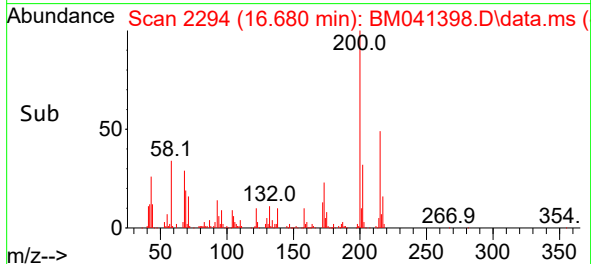
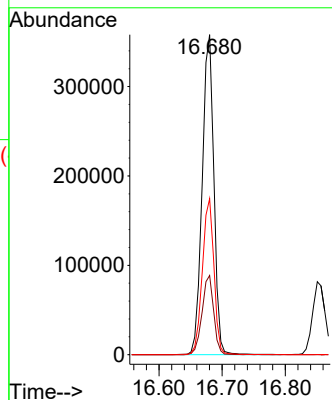
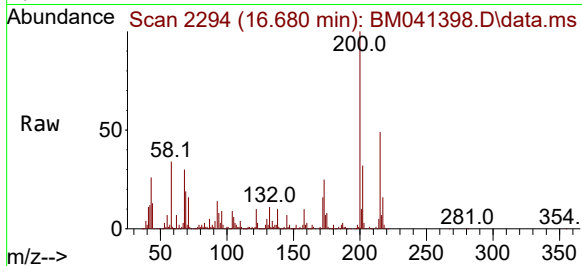




#69
 Atrazine
 Concen: 58.201 ng
 RT: 16.680 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041398.D
 Acq: 14 Aug 2023 12:23

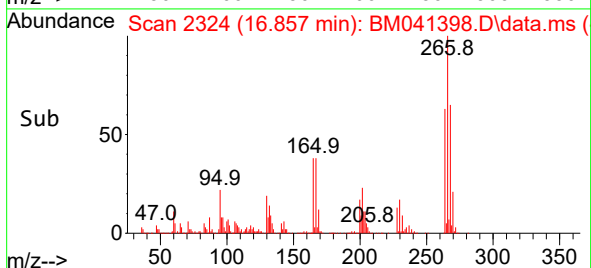
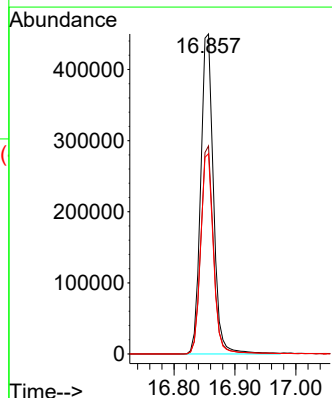
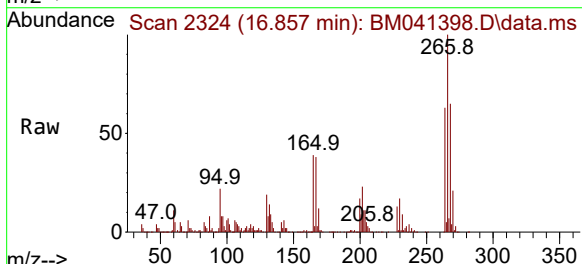
Instrument :
 BNA_M
 ClientSampleId :
 PB154769BSD

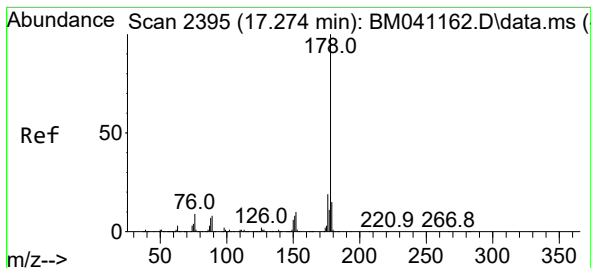
Tgt Ion:200 Resp: 461603
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.6 45.6
 215 48.8 28.5 68.5



#70
 Pentachlorophenol
 Concen: 79.651 ng
 RT: 16.857 min Scan# 2324
 Delta R.T. -0.000 min
 Lab File: BM041398.D
 Acq: 14 Aug 2023 12:23

Tgt Ion:266 Resp: 652980
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.0 76.6
 264 62.6 49.4 74.2





#71

Phenanthrene

Concen: 40.611 ng

RT: 17.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

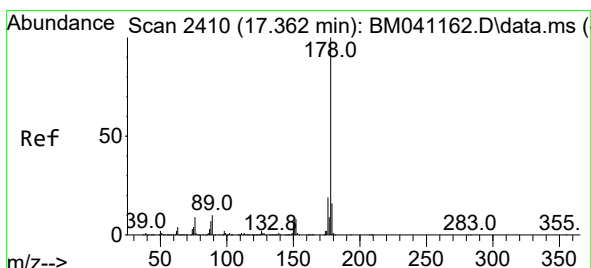
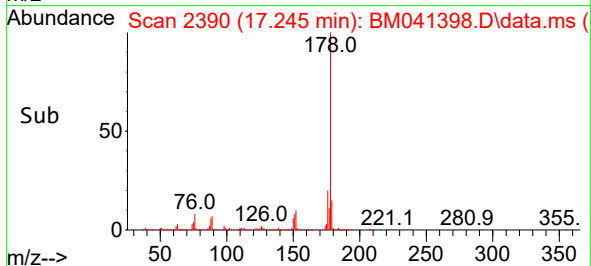
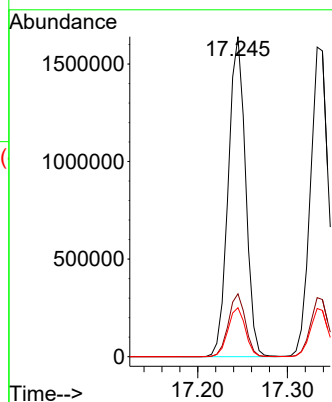
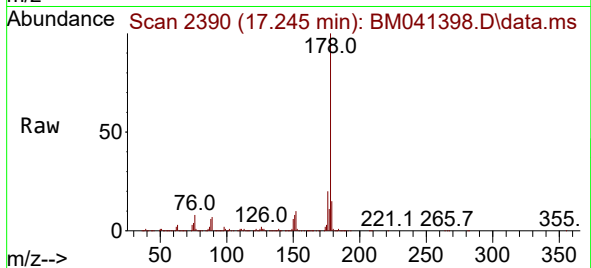
Tgt Ion:178 Resp: 2191088

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.3 12.1 18.1



#72

Anthracene

Concen: 41.830 ng

RT: 17.333 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

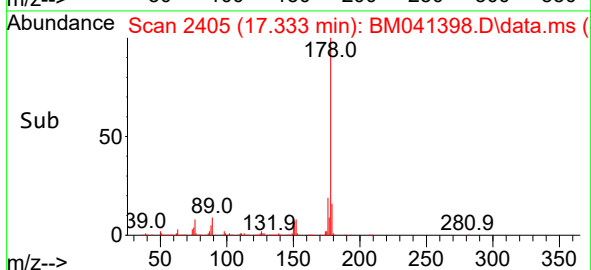
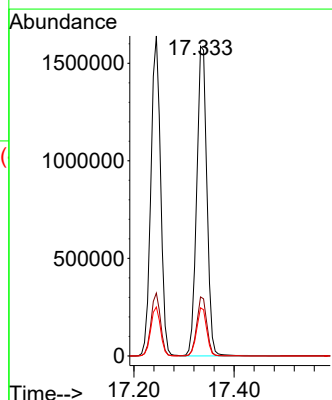
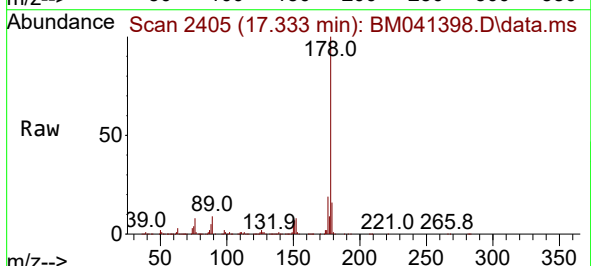
Tgt Ion:178 Resp: 2232091

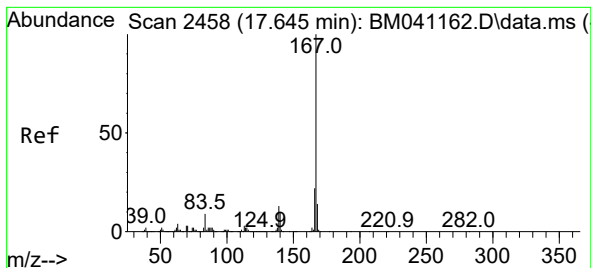
Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.5 12.4 18.6





#73

Carbazole

Concen: 41.778 ng

RT: 17.621 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

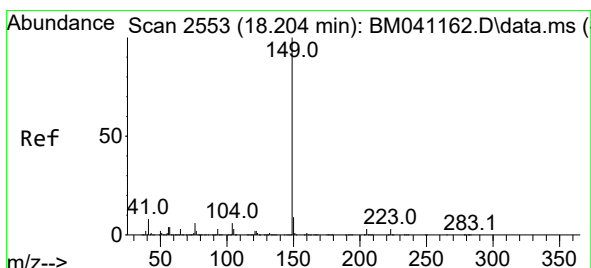
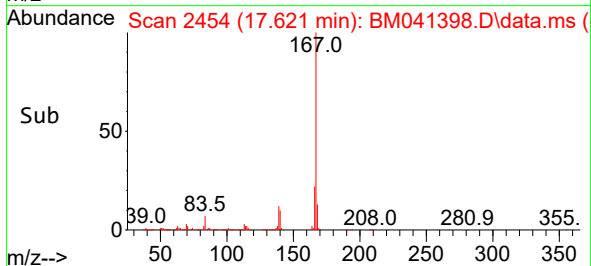
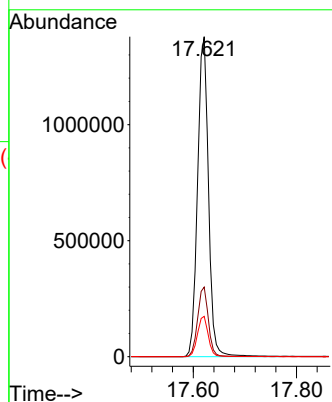
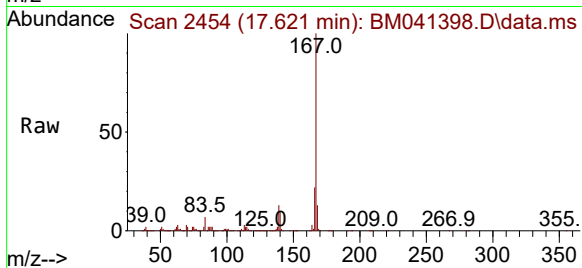
Tgt Ion:167 Resp: 2017753

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 12.6 10.3 15.5



#74

Di-n-butylphthalate

Concen: 46.600 ng

RT: 18.174 min Scan# 2548

Delta R.T. -0.006 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

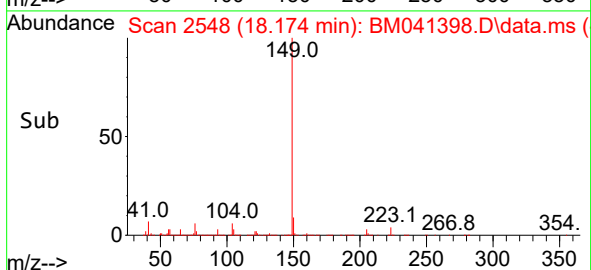
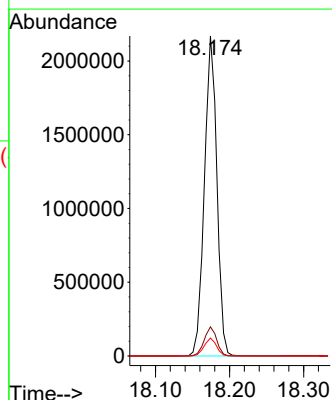
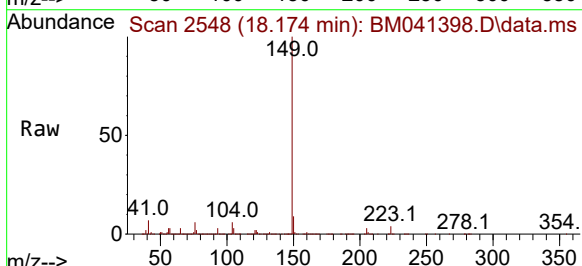
Tgt Ion:149 Resp: 2543249

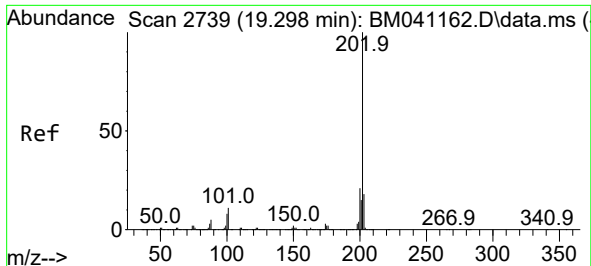
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.6 4.5 6.7

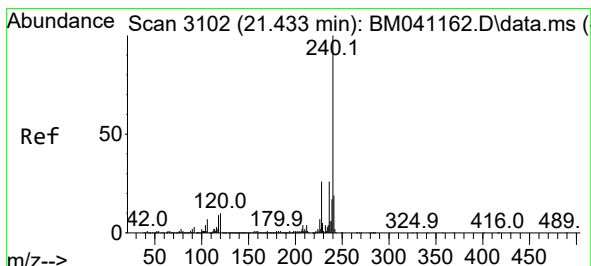
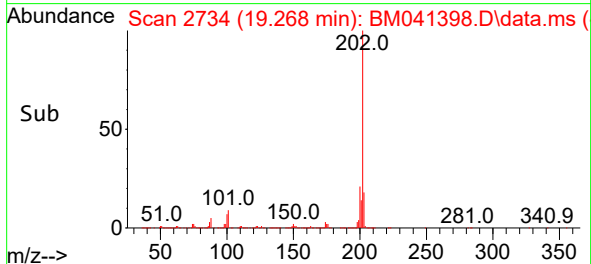
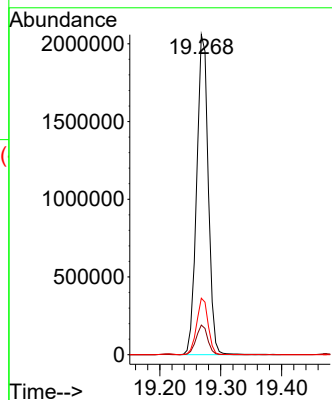
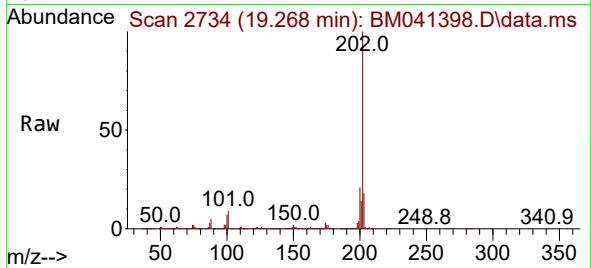




#75
Fluoranthene
Concen: 44.729 ng
RT: 19.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

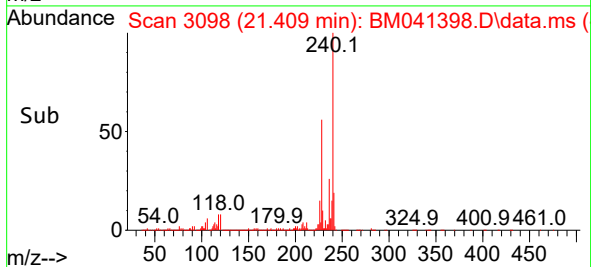
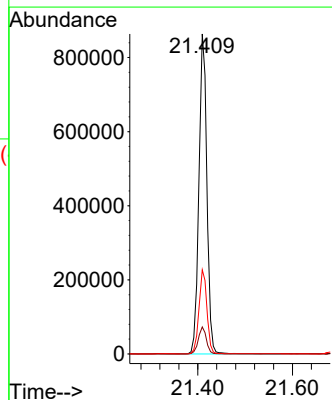
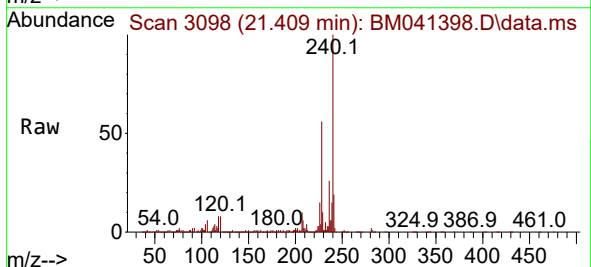
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

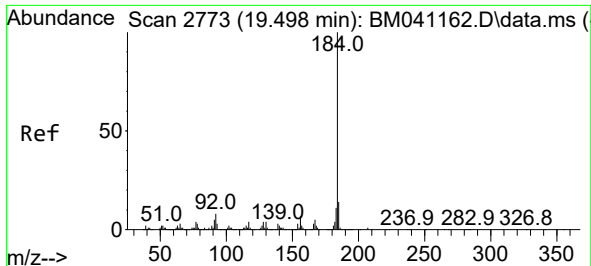
Tgt Ion:202 Resp: 2711270
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.8
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:240 Resp: 1010079
Ion Ratio Lower Upper
240 100
120 8.4 8.3 12.5
236 26.3 20.6 30.8

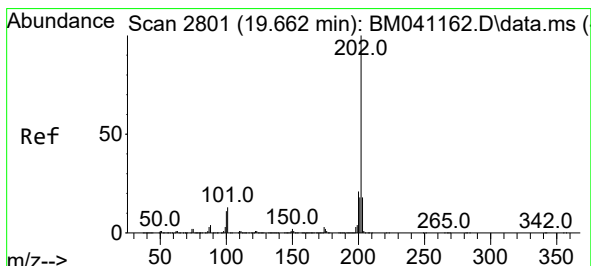
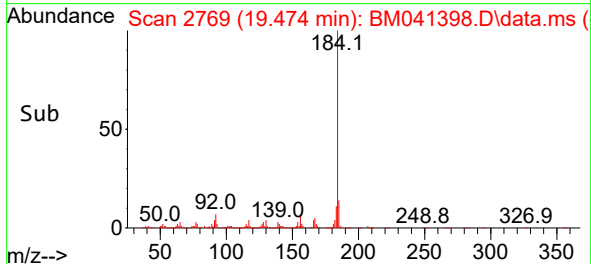
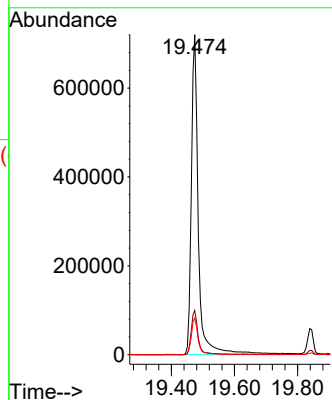
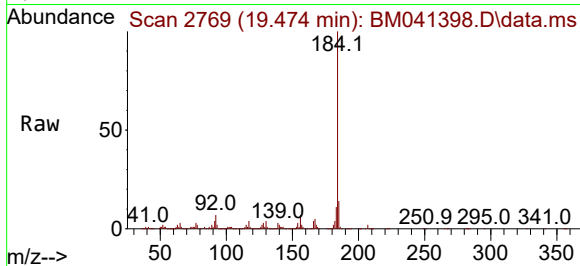




#77
Benzidine
Concen: 81.309 ng
RT: 19.474 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

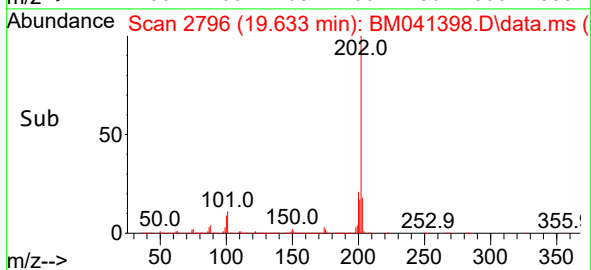
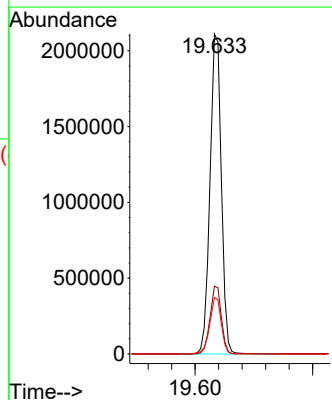
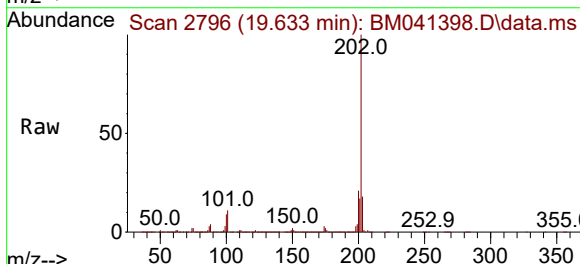
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

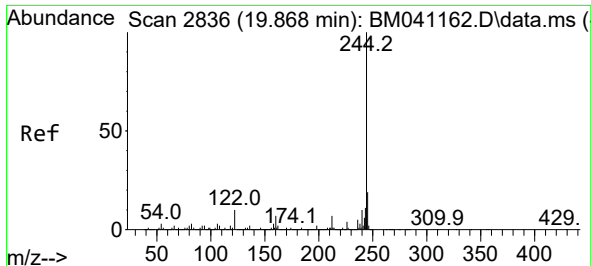
Tgt Ion:184 Resp: 1119404
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.0
183 11.5 9.2 13.8



#78
Pyrene
Concen: 40.184 ng
RT: 19.633 min Scan# 2796
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:202 Resp: 2838477
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.6 14.1 21.1

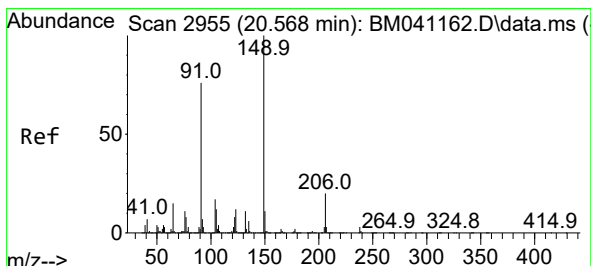
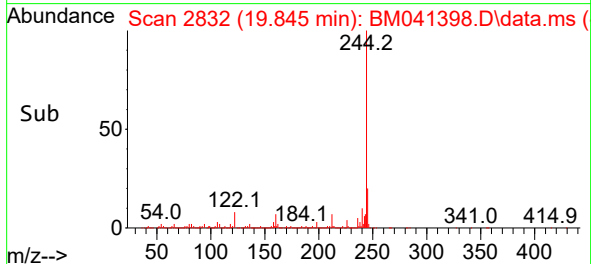
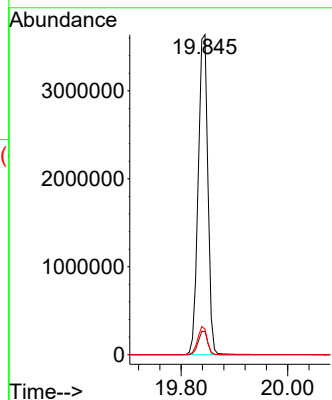
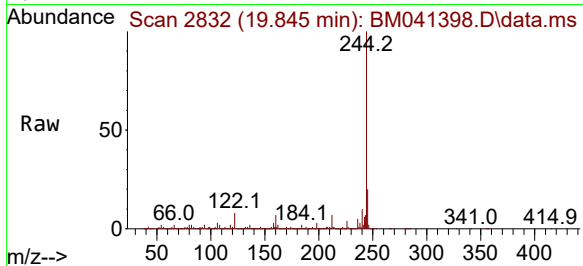




#79
 Terphenyl-d14
 Concen: 82.334 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041398.D
 Acq: 14 Aug 2023 12:23

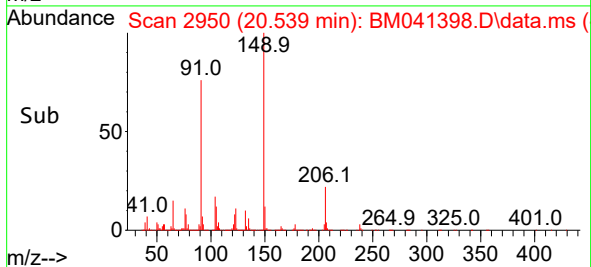
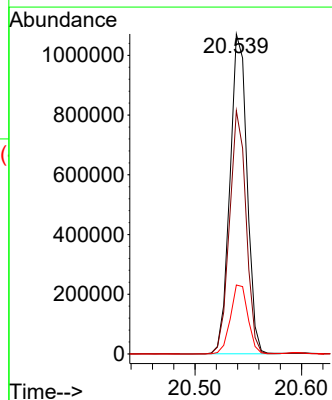
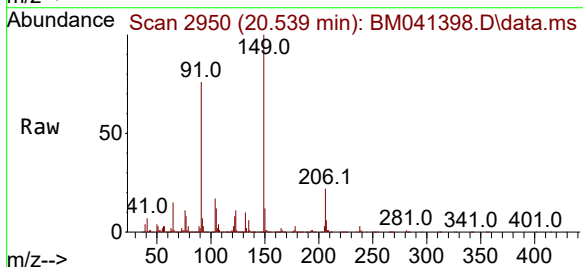
Instrument :
 BNA_M
 ClientSampleId :
 PB154769BSD

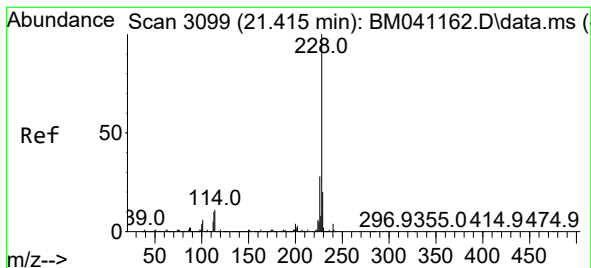
Tgt Ion:244 Resp: 4599617
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 8.0 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 46.418 ng
 RT: 20.539 min Scan# 2950
 Delta R.T. -0.006 min
 Lab File: BM041398.D
 Acq: 14 Aug 2023 12:23

Tgt Ion:149 Resp: 1197358
 Ion Ratio Lower Upper
 149 100
 91 76.0 60.8 91.2
 206 21.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 43.939 ng

RT: 21.397 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

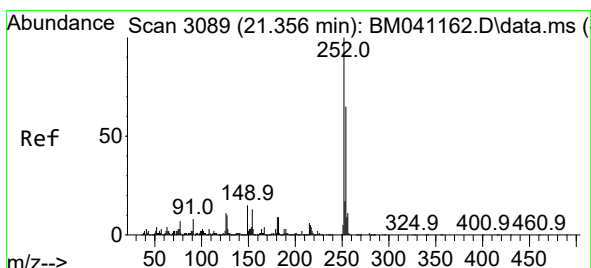
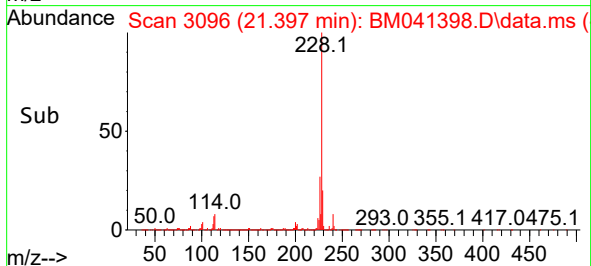
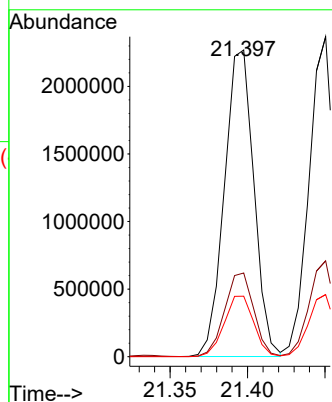
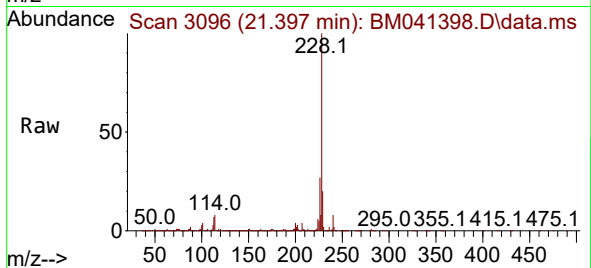
Tgt Ion:228 Resp: 3008723

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 39.104 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

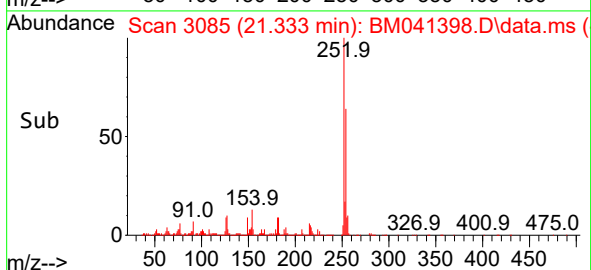
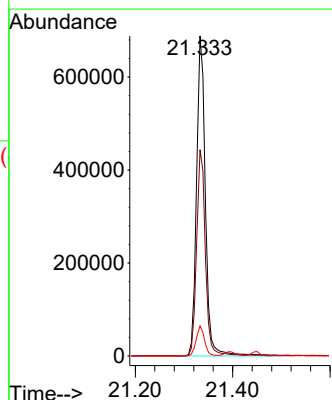
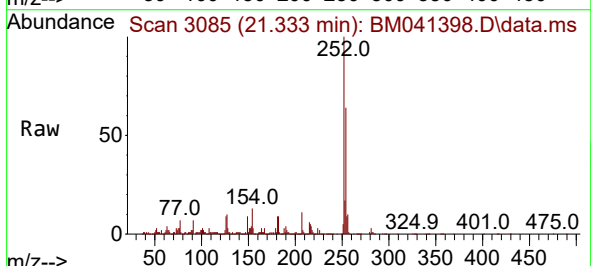
Tgt Ion:252 Resp: 873740

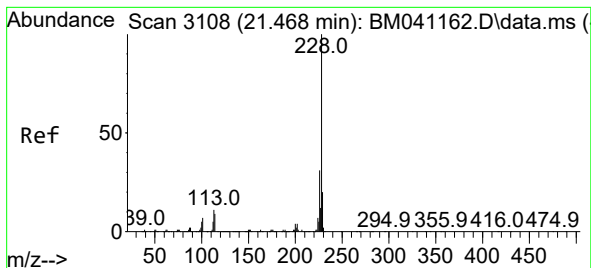
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.6

126 9.4 8.6 13.0





#83

Chrysene

Concen: 42.115 ng

RT: 21.450 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

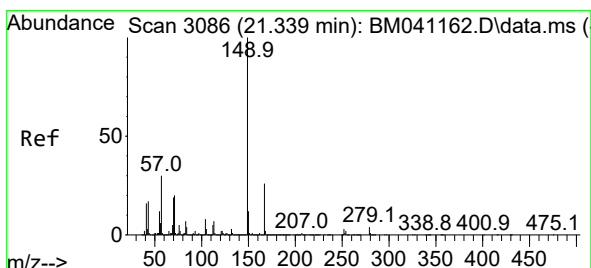
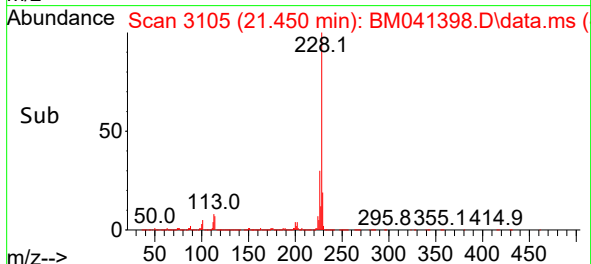
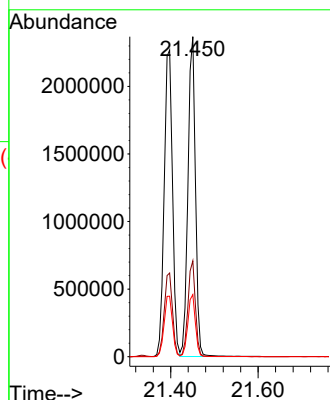
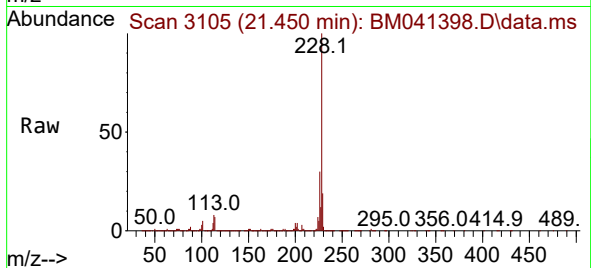
Tgt Ion:228 Resp: 2789376

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

229 19.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.807 ng

RT: 21.315 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

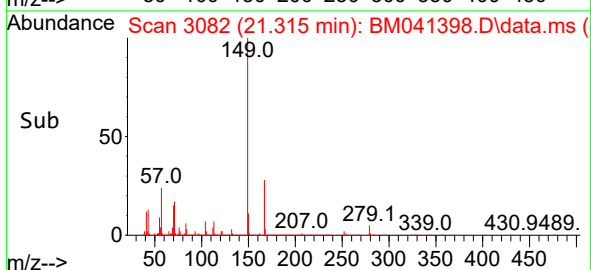
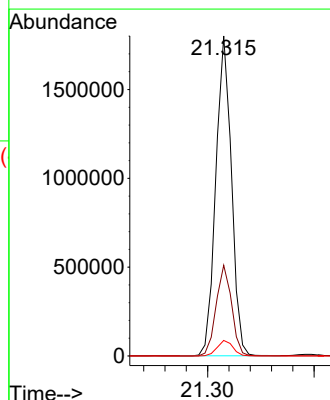
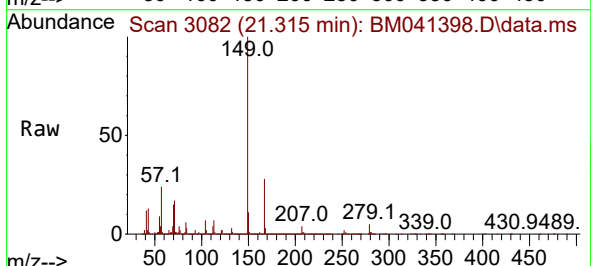
Tgt Ion:149 Resp: 1828172

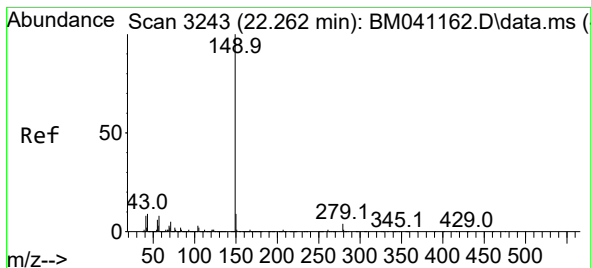
Ion Ratio Lower Upper

149 100

167 28.3 21.0 31.6

279 4.9 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 50.118 ng

RT: 22.233 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

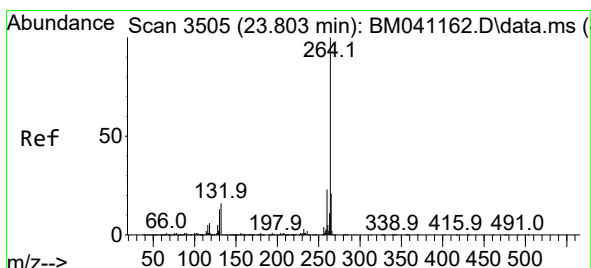
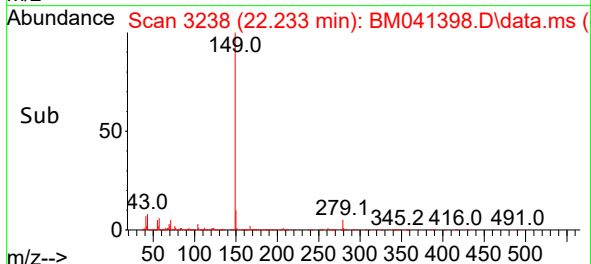
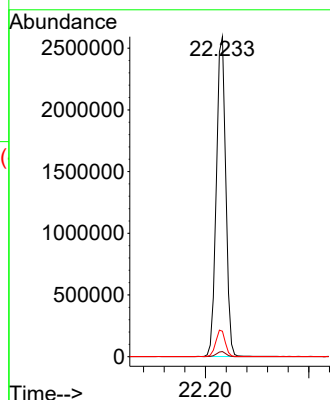
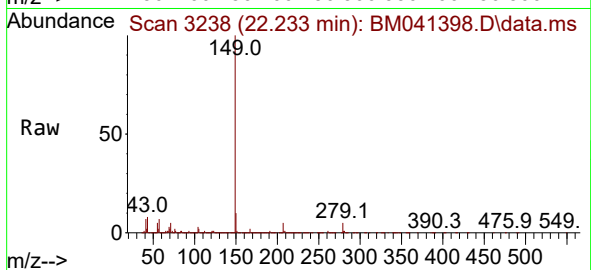
Tgt Ion:149 Resp: 3267329

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.3 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3500

Delta R.T. -0.006 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

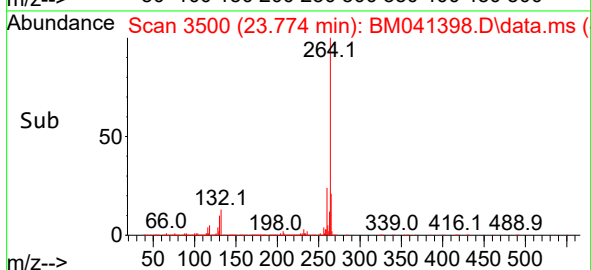
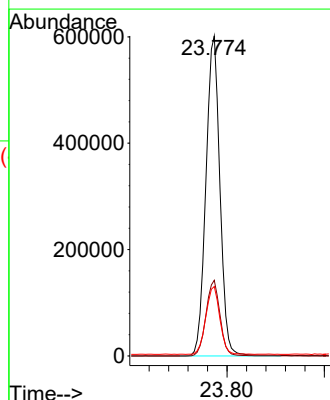
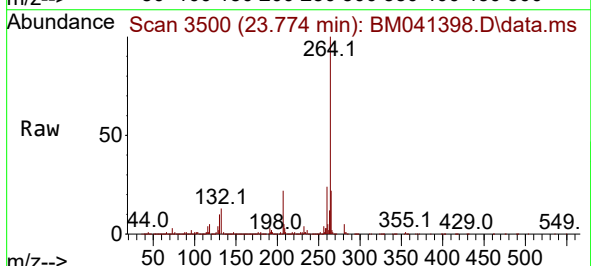
Tgt Ion:264 Resp: 1194504

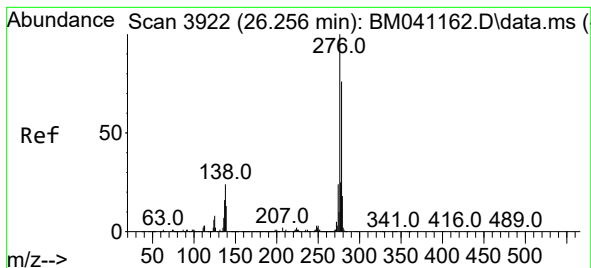
Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.295 ng

RT: 26.221 min Scan# 3916

Delta R.T. -0.012 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

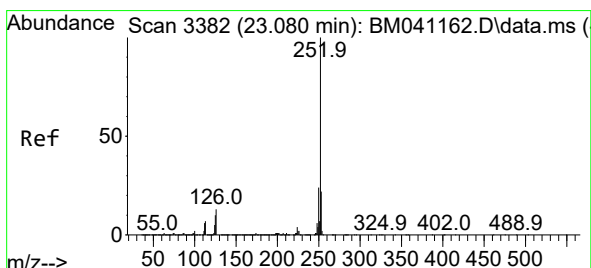
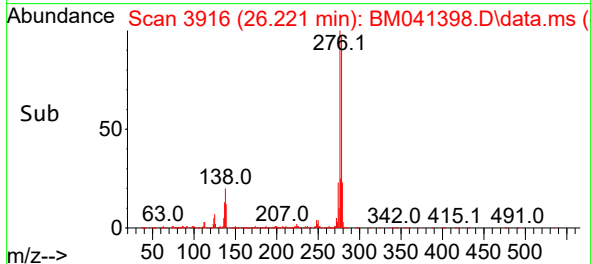
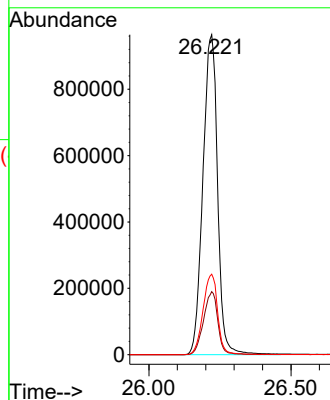
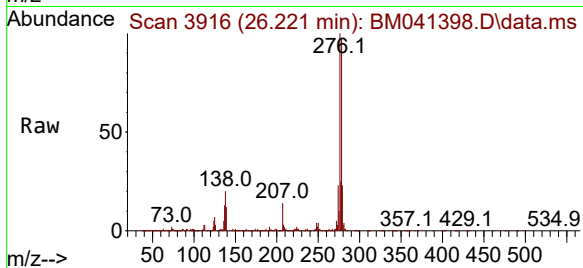
Tgt Ion:276 Resp: 3450912

Ion Ratio Lower Upper

276 100

138 19.3 20.0 30.0#

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 44.977 ng

RT: 23.056 min Scan# 3378

Delta R.T. -0.006 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

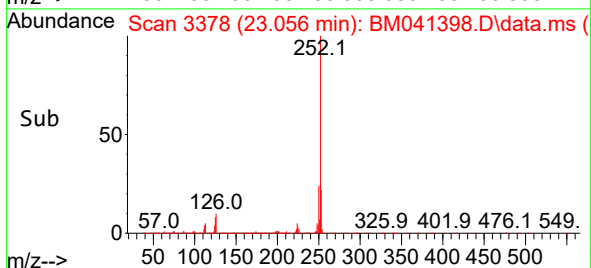
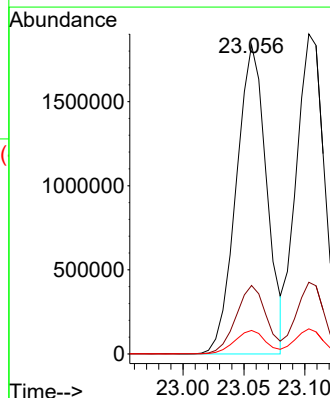
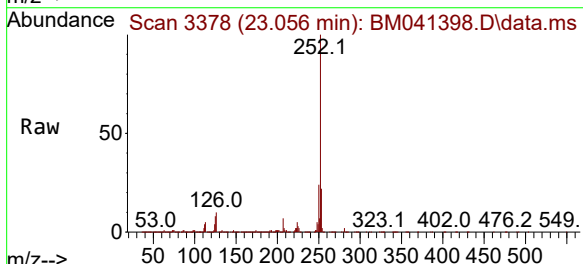
Tgt Ion:252 Resp: 3191620

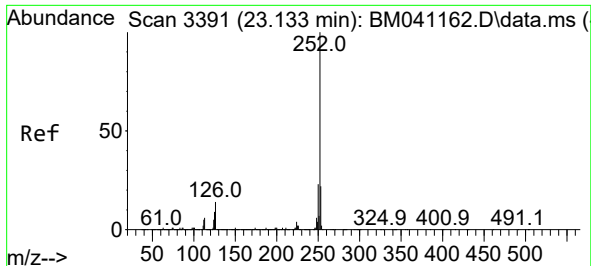
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 7.6 8.2 12.4#

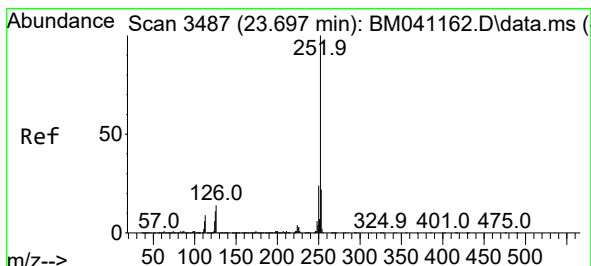
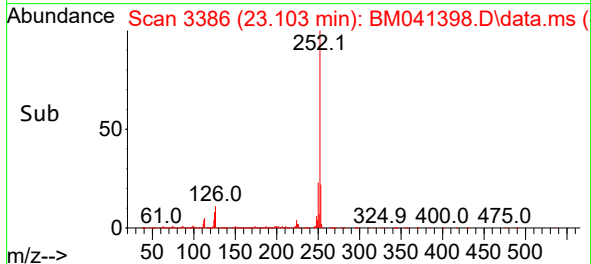
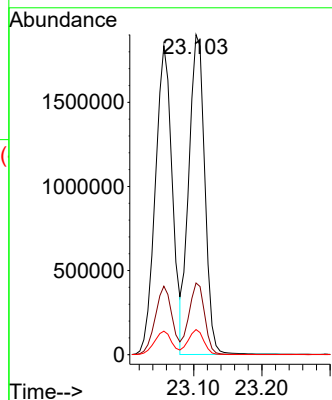
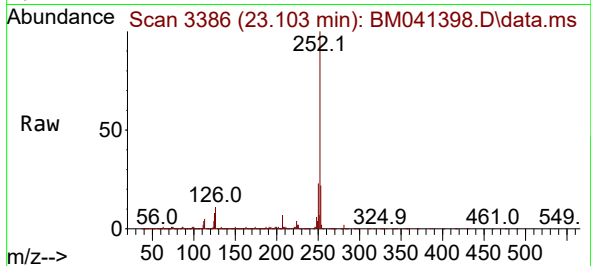




#89
Benzo(k)fluoranthene
Concen: 42.310 ng
RT: 23.103 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

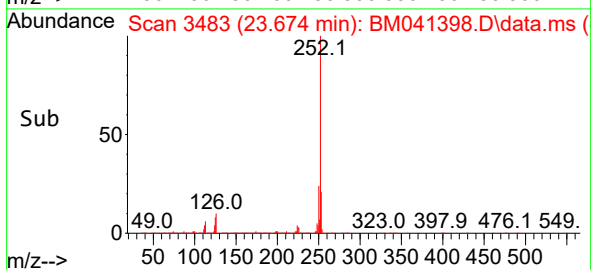
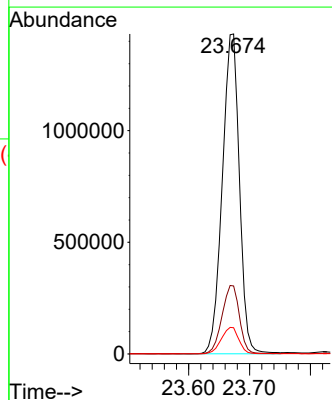
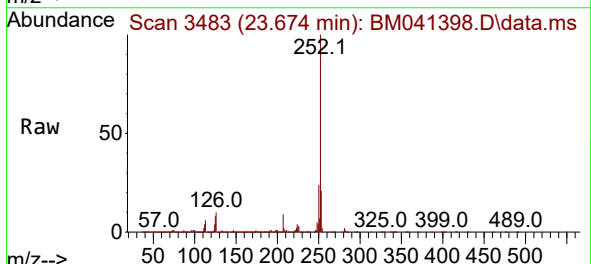
Instrument :
BNA_M
ClientSampleId :
PB154769BSD

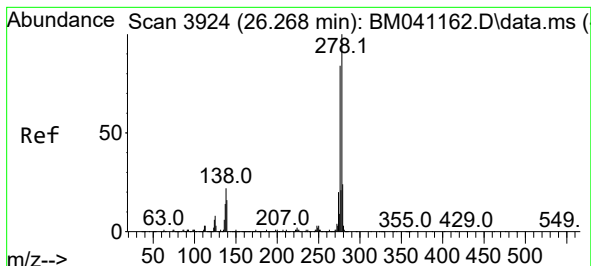
Tgt Ion:252 Resp: 3071135
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 7.8 7.6 11.4



#90
Benzo(a)pyrene
Concen: 40.980 ng
RT: 23.674 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BM041398.D
Acq: 14 Aug 2023 12:23

Tgt Ion:252 Resp: 2794138
Ion Ratio Lower Upper
252 100
253 21.2 17.3 25.9
125 8.2 9.0 13.4#





#91

Dibenzo(a,h)anthracene

Concen: 39.745 ng

RT: 26.232 min Scan# 3918

Delta R.T. -0.012 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Instrument :

BNA_M

ClientSampleId :

PB154769BSD

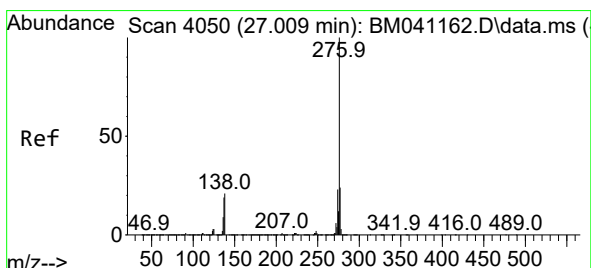
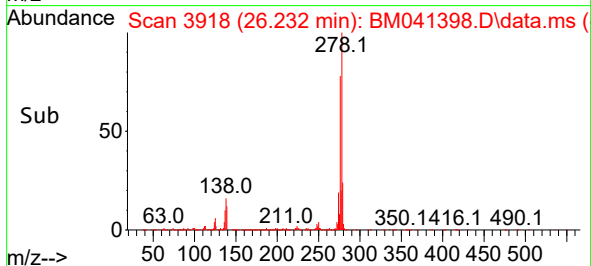
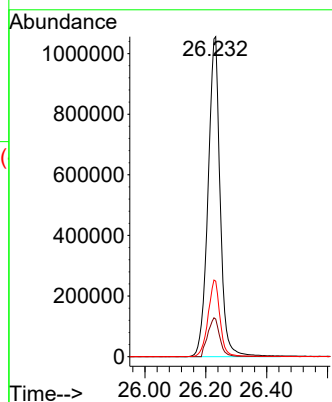
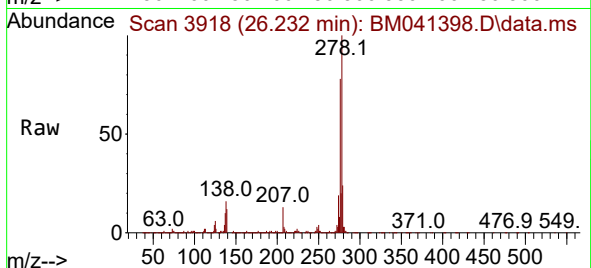
Tgt Ion:278 Resp: 2911318

Ion Ratio Lower Upper

278 100

139 11.7 12.7 19.1#

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 37.129 ng

RT: 26.968 min Scan# 4043

Delta R.T. -0.012 min

Lab File: BM041398.D

Acq: 14 Aug 2023 12:23

Tgt Ion:276 Resp: 2661238

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 16.4 17.1 25.7#

