

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041182.D
 Acq On : 31 Jul 2023 10:36
 Operator : MA/JU
 Sample : PB154262BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154262BS

Quant Time: Jul 31 16:31:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	151520	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	573385	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	297339	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	569858	20.000	ng	0.00
76) Chrysene-d12	21.421	240	550463	20.000	ng	0.00
86) Perylene-d12	23.792	264	659979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	814342	80.326	ng	0.00
7) Phenol-d6	6.975	99	998566	75.988	ng	0.00
23) Nitrobenzene-d5	8.975	82	949220	76.987	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	335987	79.888	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	1923916	81.738	ng	0.00
79) Terphenyl-d14	19.856	244	2646321	86.921	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	125012	28.825	ng	96
3) Pyridine	3.669	79	337043	29.557	ng	97
4) n-Nitrosodimethylamine	3.581	42	186949	35.448	ng	95
6) Aniline	7.134	93	545727	35.485	ng	99
8) 2-Chlorophenol	7.363	128	418501	42.285	ng	100
9) Benzaldehyde	6.946	77	236504	34.108	ng	98
10) Phenol	7.004	94	533914	42.066	ng	100
11) bis(2-Chloroethyl)ether	7.234	93	414787	40.373	ng	98
12) 1,3-Dichlorobenzene	7.681	146	459860	42.686	ng	98
13) 1,4-Dichlorobenzene	7.834	146	469519	43.360	ng	99
14) 1,2-Dichlorobenzene	8.151	146	451011	43.440	ng	98
15) Benzyl Alcohol	8.057	79	367960	44.339	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	540536	39.487	ng	98
17) 2-Methylphenol	8.257	107	346438	39.953	ng	99
18) Hexachloroethane	8.869	117	174423	43.267	ng	93
19) n-Nitroso-di-n-propyla...	8.622	70	319828	40.069	ng	97
20) 3+4-Methylphenols	8.587	107	463710	39.996	ng	99
22) Acetophenone	8.634	105	610523	40.204	ng	# 99
24) Nitrobenzene	9.016	77	481966	38.654	ng	100
25) Isophorone	9.545	82	830740	39.692	ng	99
26) 2-Nitrophenol	9.728	139	213595	43.821	ng	95
27) 2,4-Dimethylphenol	9.792	122	363848	42.420	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	521353	39.766	ng	100
29) 2,4-Dichlorophenol	10.257	162	368446	42.597	ng	100
30) 1,2,4-Trichlorobenzene	10.469	180	410174	42.921	ng	99
31) Naphthalene	10.657	128	1227601	39.453	ng	99
32) Benzoic acid	9.945	122	242385	39.173	ng	99
33) 4-Chloroaniline	10.786	127	281507	22.639	ng	98
34) Hexachlorobutadiene	10.928	225	248567	43.247	ng	99
35) Caprolactam	11.592	113	60518	24.186	ng	93
36) 4-Chloro-3-methylphenol	11.916	107	370236	40.668	ng	98
37) 2-Methylnaphthalene	12.275	142	802389	38.251	ng	99
38) 1-Methylnaphthalene	12.498	142	748080	38.102	ng	99
40) 1,2,4,5-Tetrachloroben...	12.645	216	416249	43.113	ng	99
41) Hexachlorocyclopentadiene	12.610	237	583262	114.188	ng	98
43) 2,4,6-Trichlorophenol	12.892	196	277489	44.841	ng	99

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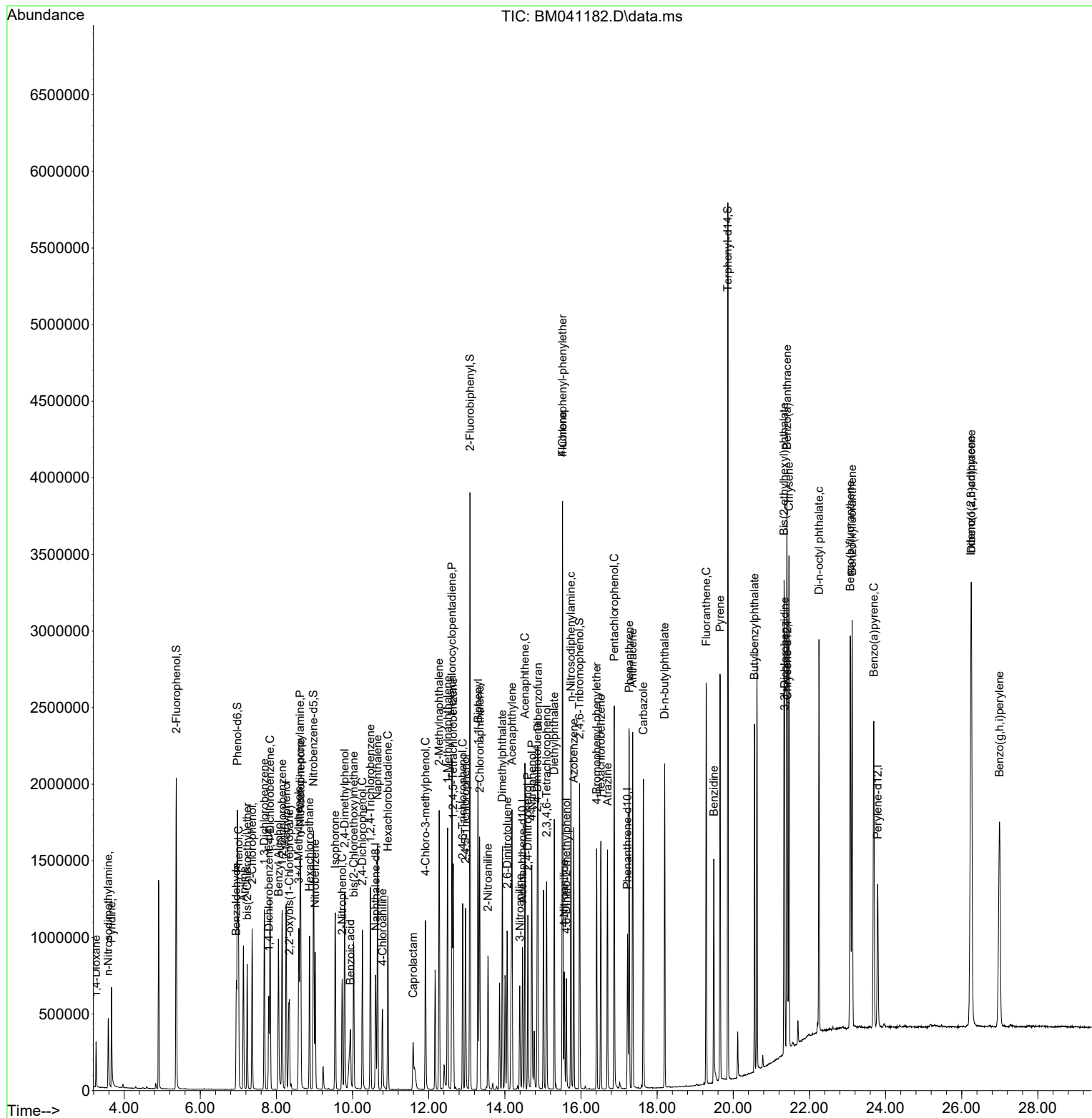
Quant Time: Jul 31 16:31:33 2023
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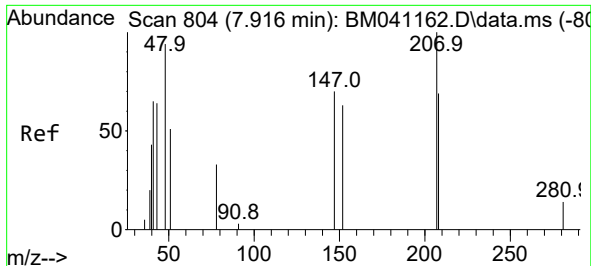
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	293916	41.036	ng	98
46) 1,1'-Biphenyl	13.298	154	1001992	41.568	ng	98
47) 2-Chloronaphthalene	13.339	162	772937	42.945	ng	99
48) 2-Nitroaniline	13.557	65	233667	40.672	ng	99
49) Acenaphthylene	14.186	152	1202048	41.377	ng	100
50) Dimethylphthalate	13.933	163	924554	41.337	ng	100
51) 2,6-Dinitrotoluene	14.063	165	199214	42.987	ng	94
52) Acenaphthene	14.527	154	714295	40.814	ng	99
53) 3-Nitroaniline	14.392	138	160222	30.850	ng	96
54) 2,4-Dinitrophenol	14.604	184	225588	72.661	ng	91
55) Dibenzofuran	14.869	168	1142804	40.023	ng	100
56) 4-Nitrophenol	14.710	139	371956	96.303	ng	93
57) 2,4-Dinitrotoluene	14.851	165	261237	39.948	ng	92
58) Fluorene	15.516	166	896946	39.819	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	250703	43.225	ng	99
60) Diethylphthalate	15.298	149	892179	41.248	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	458890	40.653	ng	98
62) 4-Nitroaniline	15.563	138	181011	37.604	ng	97
63) Azobenzene	15.810	77	927117	39.131	ng	97
65) 4,6-Dinitro-2-methylph...	15.616	198	143967	41.703	ng	93
66) n-Nitrosodiphenylamine	15.733	169	754659	42.581	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	271143	43.397	ng	98
68) Hexachlorobenzene	16.521	284	321049	46.210	ng	98
69) Atrazine	16.698	200	264532	56.836	ng	99
70) Pentachlorophenol	16.874	266	434716	90.361	ng	99
71) Phenanthrene	17.268	178	1335220	42.172	ng	100
72) Anthracene	17.357	178	1336161	42.670	ng	100
73) Carbazole	17.639	167	1231045	43.435	ng	100
74) Di-n-butylphthalate	18.198	149	1411406	44.069	ng	100
75) Fluoranthene	19.292	202	1520259	42.739	ng	100
77) Benzidine	19.492	184	876289	116.796	ng	99
78) Pyrene	19.657	202	1605871	41.717	ng	100
80) Butylbenzylphthalate	20.556	149	624925	44.455	ng	99
81) Benzo(a)anthracene	21.409	228	1649489	44.202	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	532205	43.706	ng	99
83) Chrysene	21.462	228	1514622	41.963	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	901789	40.797	ng	98
85) Di-n-octyl phthalate	22.250	149	1592555	44.825	ng	97
87) Indeno(1,2,3-cd)pyrene	26.244	276	2160566	44.527	ng	98
88) Benzo(b)fluoranthene	23.074	252	1765595	45.033	ng	98
89) Benzo(k)fluoranthene	23.121	252	1712549	42.702	ng	99
90) Benzo(a)pyrene	23.692	252	1538308	40.834	ng	99
91) Dibenzo(a,h)anthracene	26.256	278	1818729	44.938	ng	98
92) Benzo(g,h,i)perylene	26.991	276	1717246	43.363	ng	99

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

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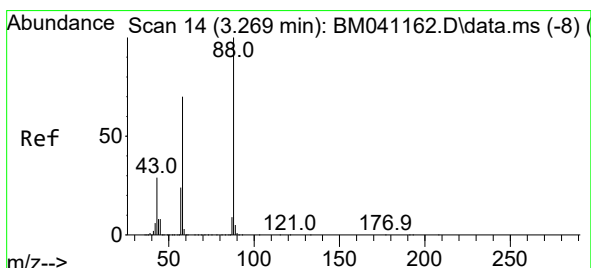
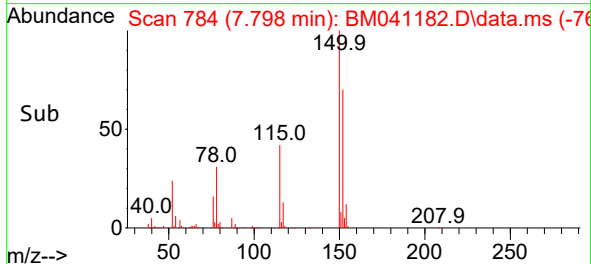
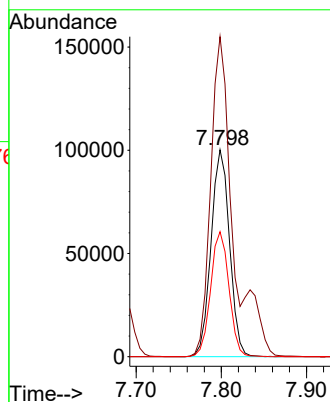
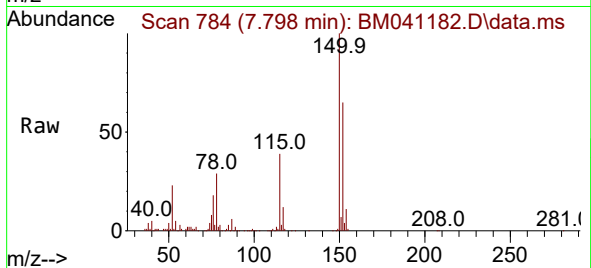




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

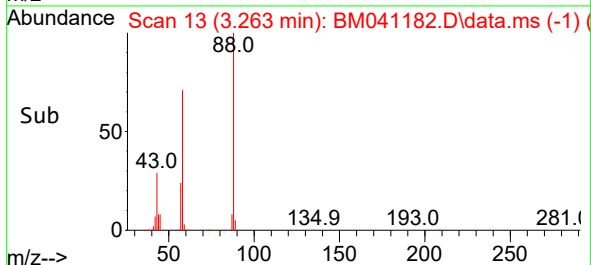
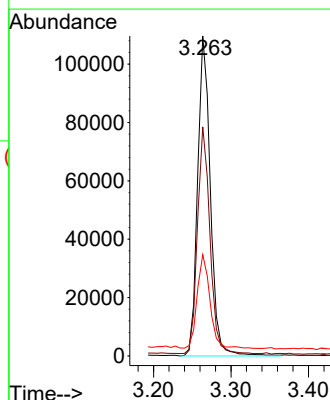
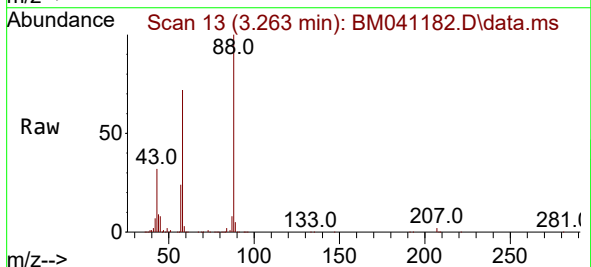
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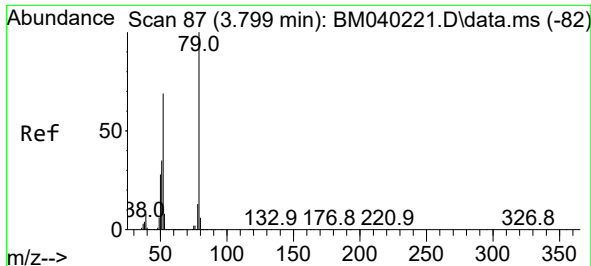
Tgt Ion:152 Resp: 151520
Ion Ratio Lower Upper
152 100
150 154.6 125.5 188.3
115 60.4 48.0 72.0



#2
1,4-Dioxane
Concen: 28.825 ng
RT: 3.263 min Scan# 13
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion: 88 Resp: 125012
Ion Ratio Lower Upper
88 100
58 69.0 58.2 87.4
43 29.5 24.4 36.6

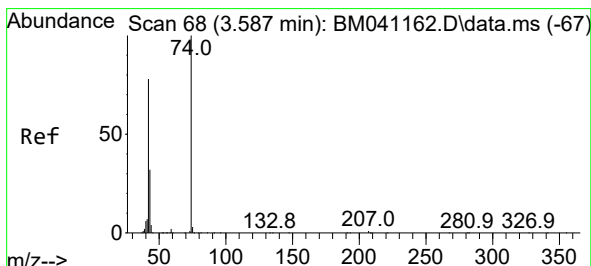
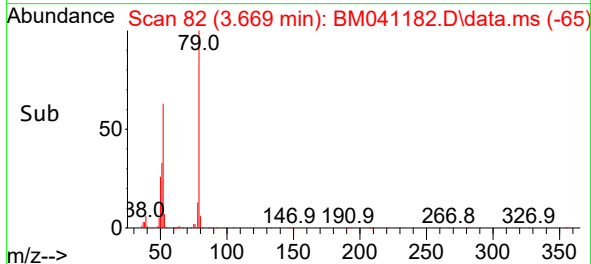
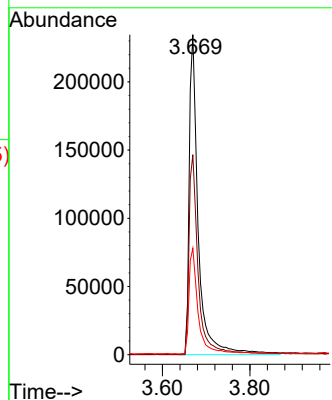
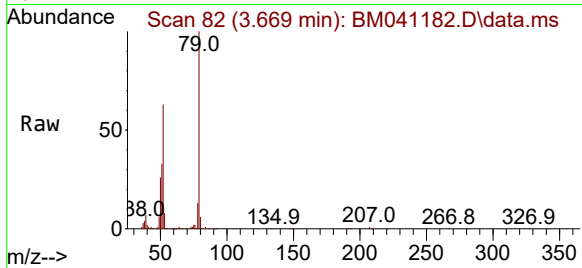




#3
 Pyridine
 Concen: 29.557 ng
 RT: 3.669 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM041182.D
 Acq: 31 Jul 2023 10:36

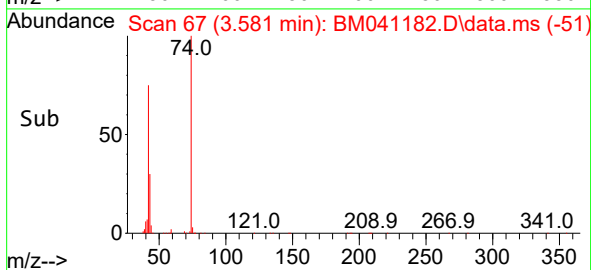
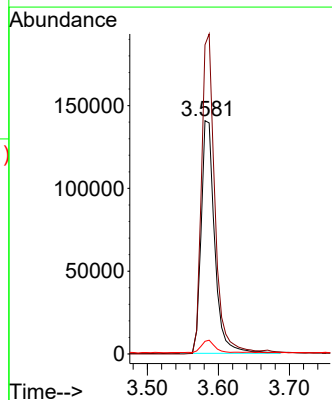
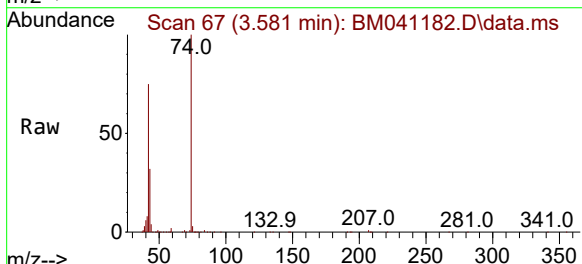
Instrument :
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 PB154262BS

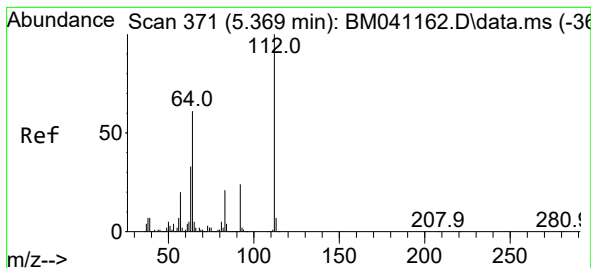
Tgt Ion: 79 Resp: 337043
 Ion Ratio Lower Upper
 79 100
 52 62.5 52.1 78.1
 51 33.2 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 35.448 ng
 RT: 3.581 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BM041182.D
 Acq: 31 Jul 2023 10:36

Tgt Ion: 42 Resp: 186949
 Ion Ratio Lower Upper
 42 100
 74 132.5 100.8 151.2
 44 5.4 5.0 7.4





#5

2-Fluorophenol

Concen: 80.326 ng

RT: 5.369 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

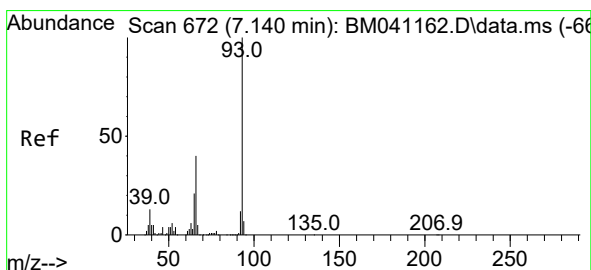
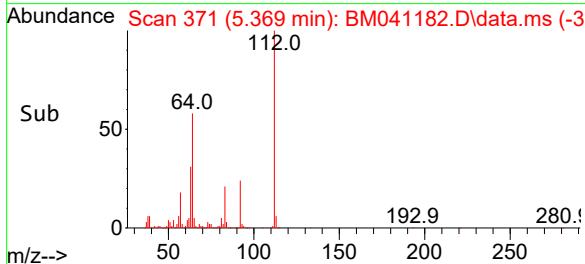
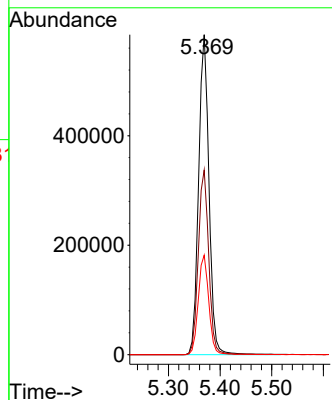
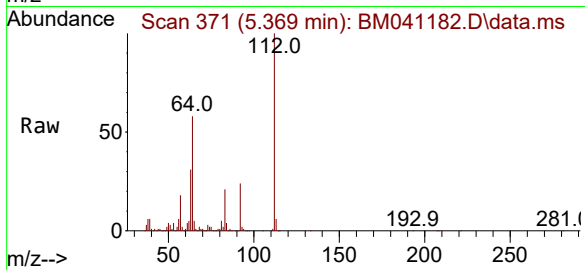
Tgt Ion:112 Resp: 814342

Ion Ratio Lower Upper

112 100

64 57.7 48.5 72.7

63 31.1 26.5 39.7



#6

Aniline

Concen: 35.485 ng

RT: 7.134 min Scan# 671

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

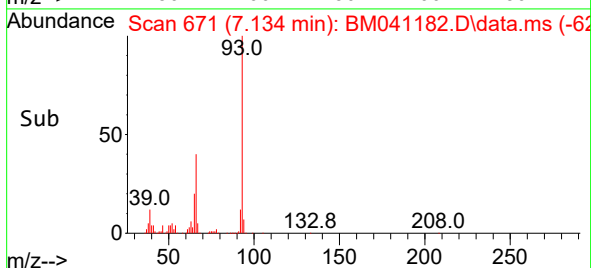
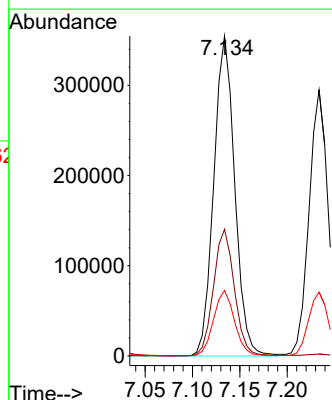
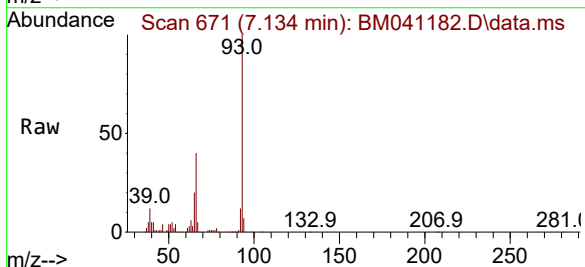
Tgt Ion: 93 Resp: 545727

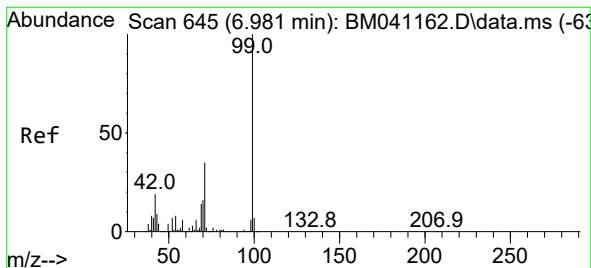
Ion Ratio Lower Upper

93 100

66 39.6 32.0 48.0

65 20.4 16.6 24.8





#7

Phenol-d6

Concen: 75.988 ng

RT: 6.975 min Scan# 64

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

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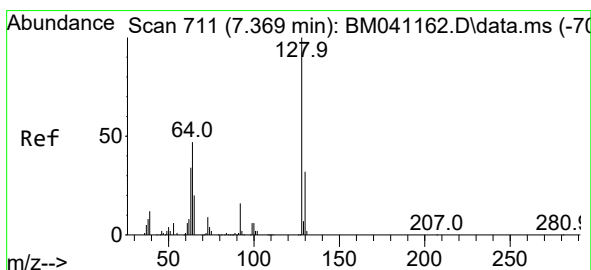
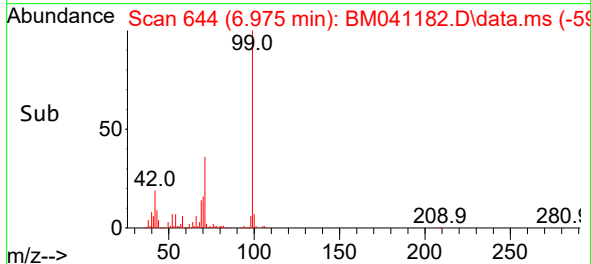
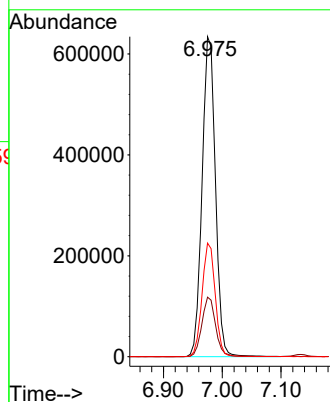
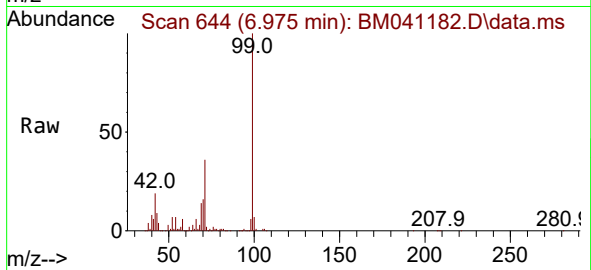
Tgt Ion: 99 Resp: 998566

Ion Ratio Lower Upper

99 100

42 18.6 15.4 23.0

71 35.5 28.2 42.4



#8

2-Chlorophenol

Concen: 42.285 ng

RT: 7.363 min Scan# 710

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

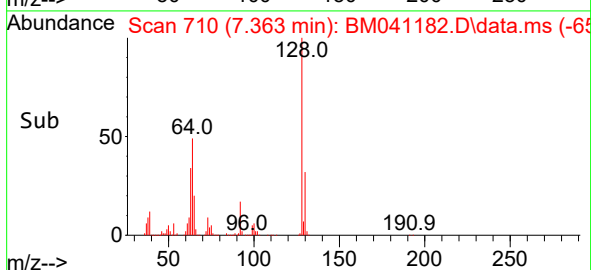
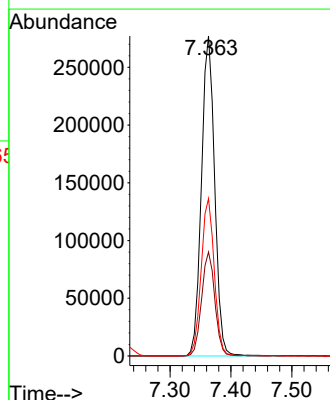
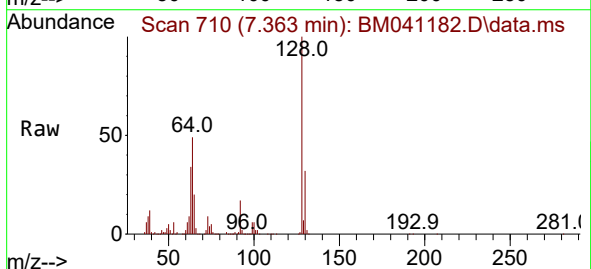
Tgt Ion: 128 Resp: 418501

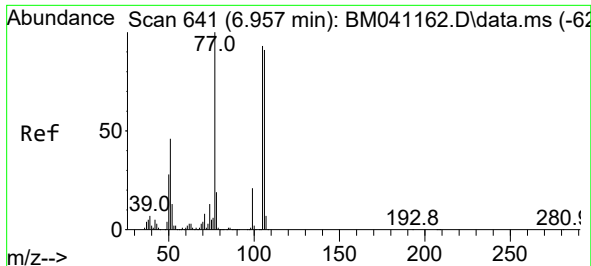
Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 49.2 29.3 69.3

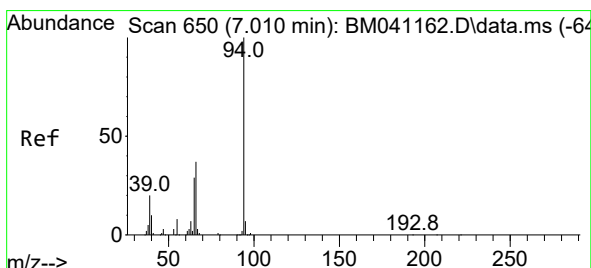
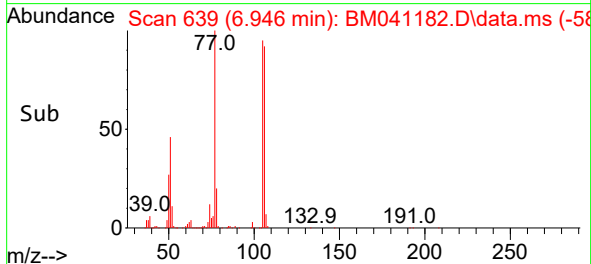
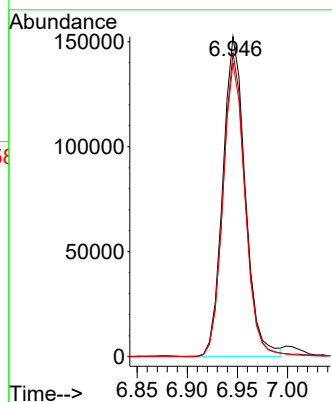
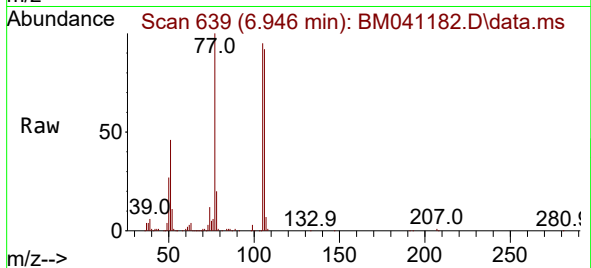




#9
Benzaldehyde
Concen: 34.108 ng
RT: 6.946 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041182.D
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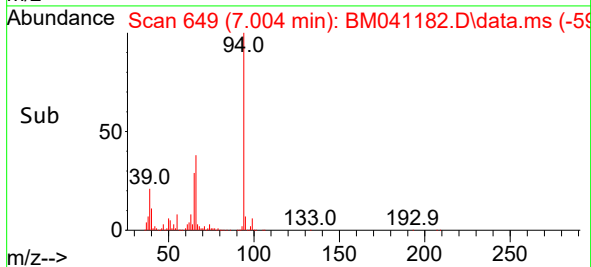
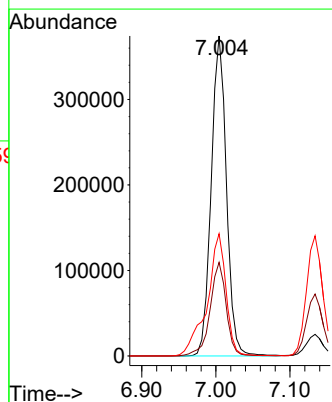
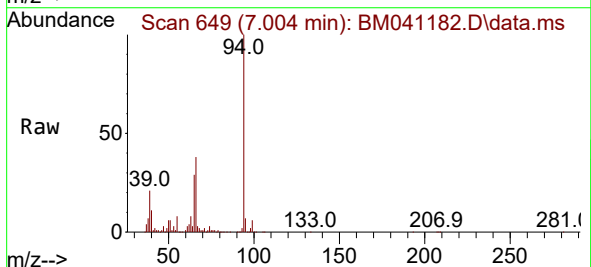
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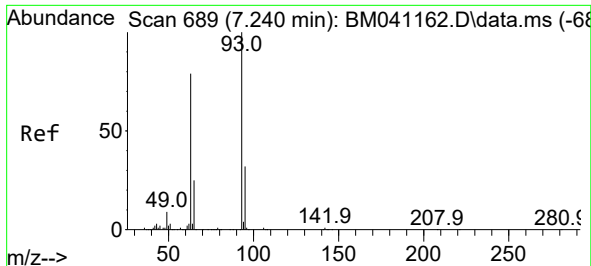
Tgt Ion: 77 Resp: 236504
Ion Ratio Lower Upper
77 100
105 94.9 72.8 112.8
106 91.8 70.8 110.8



#10
Phenol
Concen: 42.066 ng
RT: 7.004 min Scan# 649
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 533914
Ion Ratio Lower Upper
94 100
65 29.2 9.5 49.5
66 38.2 18.0 58.0

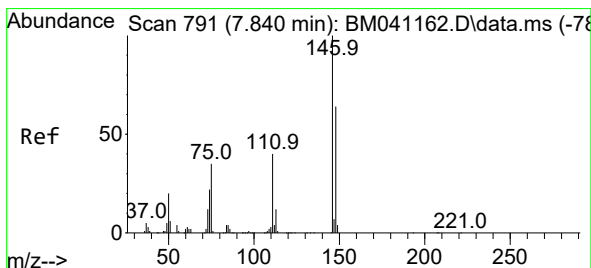
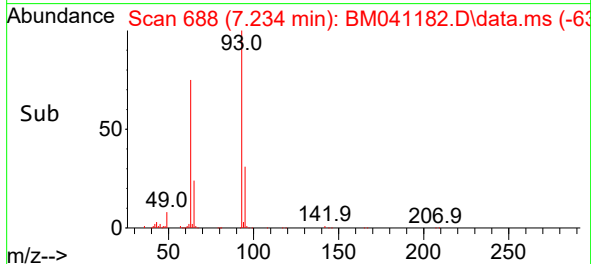
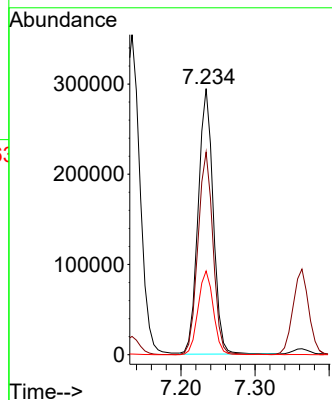
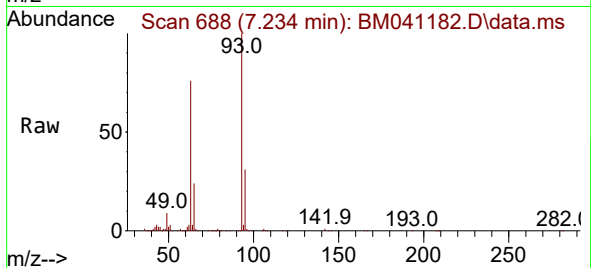




#11
bis(2-Chloroethyl)ether
Concen: 40.373 ng
RT: 7.234 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

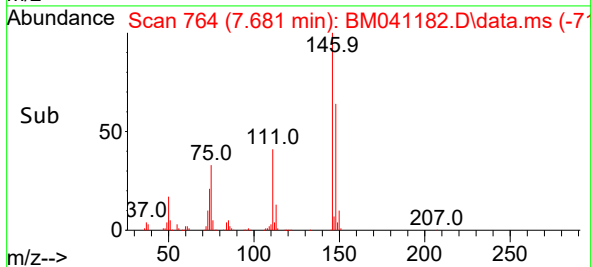
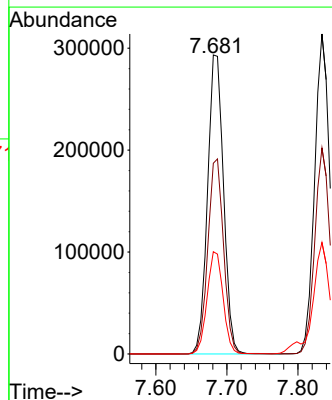
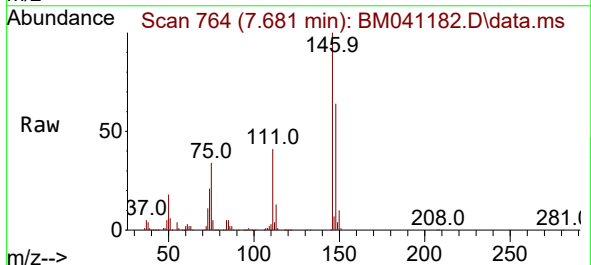
Instrument :
BNA_M
ClientSampleId :
PB154262BS

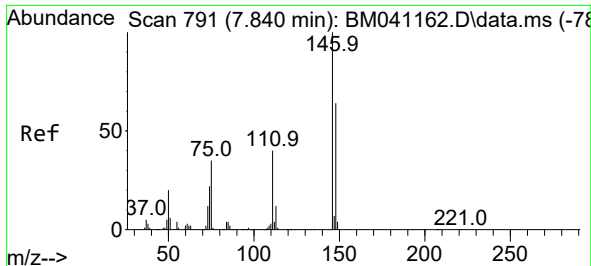
Tgt Ion: 93 Resp: 414787
Ion Ratio Lower Upper
93 100
63 76.1 58.8 98.8
95 31.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.686 ng
RT: 7.681 min Scan# 764
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion: 146 Resp: 459860
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 34.2 28.3 42.5

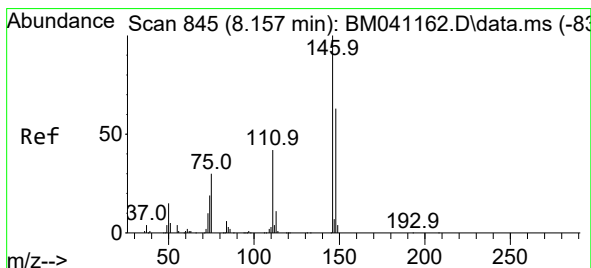
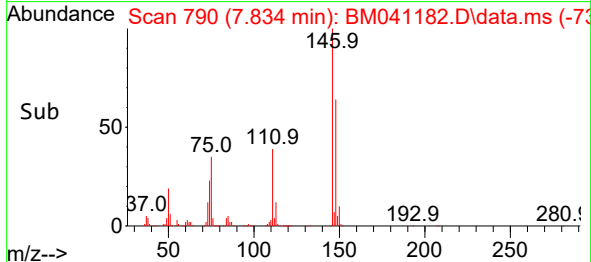
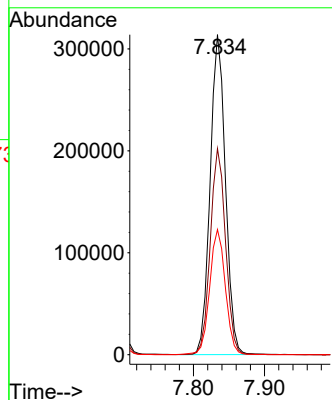
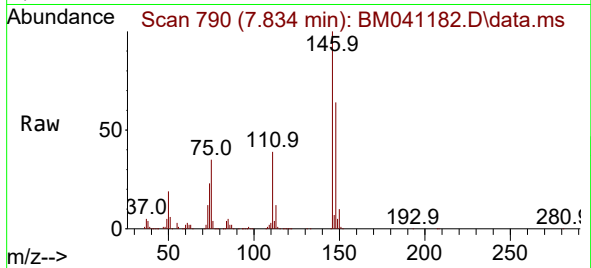




#13
1,4-Dichlorobenzene
Concen: 43.360 ng
RT: 7.834 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

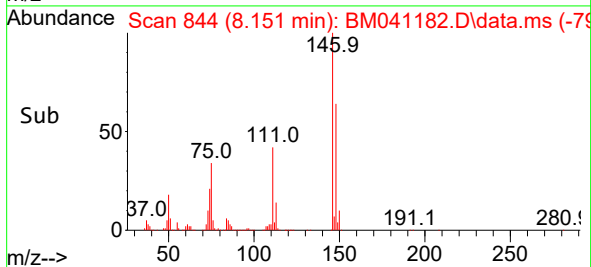
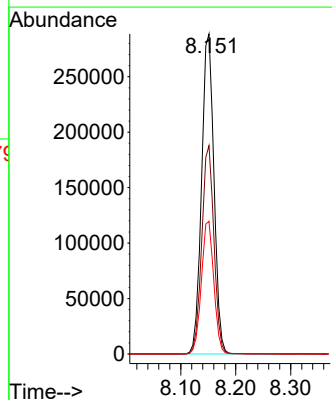
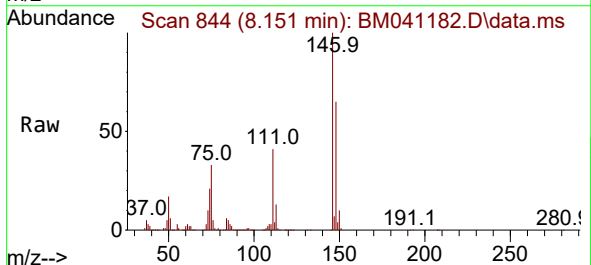
Instrument :
BNA_M
ClientSampleId :
PB154262BS

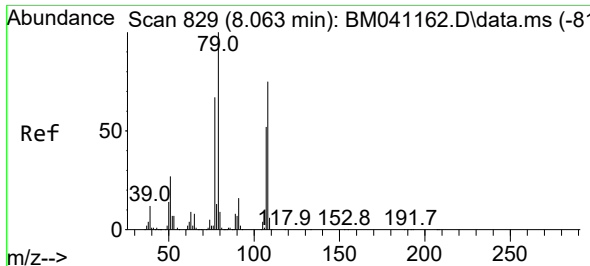
Tgt Ion:146 Resp: 469519
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
111 39.1 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 43.440 ng
RT: 8.151 min Scan# 844
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:146 Resp: 451011
Ion Ratio Lower Upper
146 100
148 65.1 50.9 76.3
111 41.5 33.8 50.6

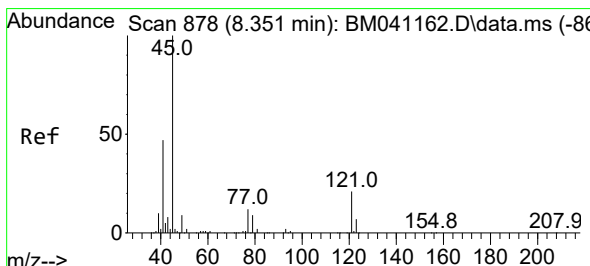
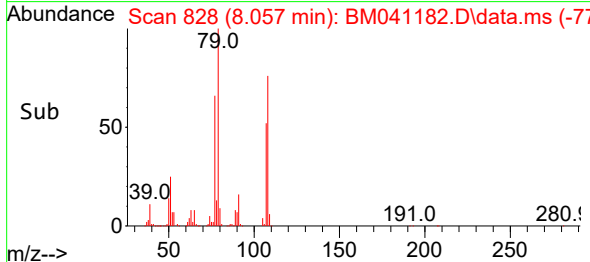
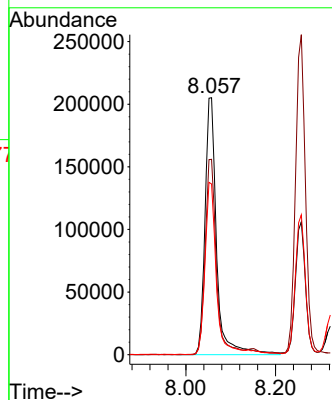
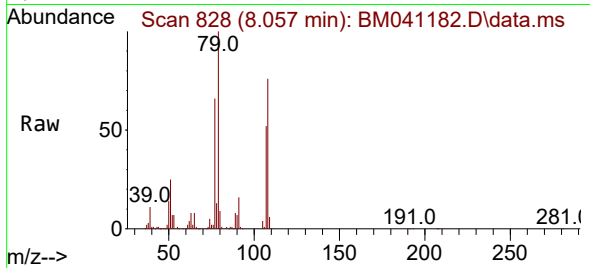




#15
Benzyl Alcohol
Concen: 44.339 ng
RT: 8.057 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

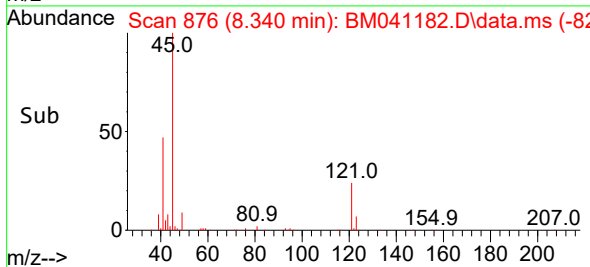
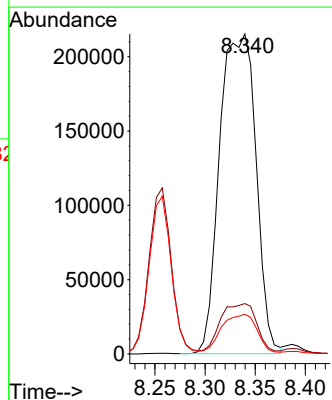
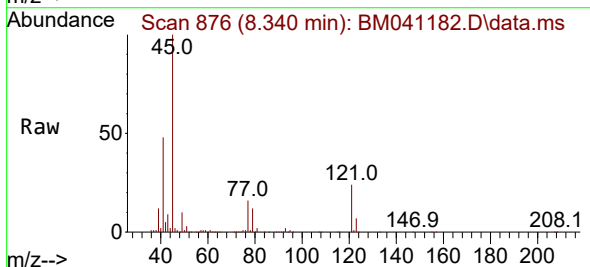
Instrument :
BNA_M
ClientSampleId :
PB154262BS

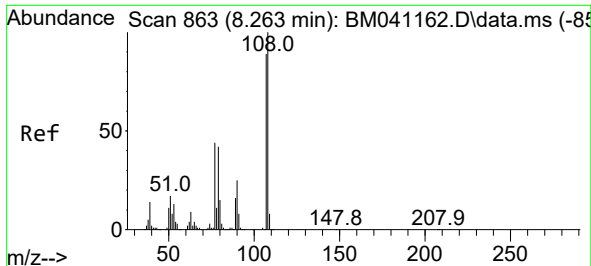
Tgt Ion: 79 Resp: 367960
Ion Ratio Lower Upper
79 100
108 76.0 59.8 89.8
77 66.4 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.487 ng
RT: 8.340 min Scan# 876
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion: 45 Resp: 540536
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.5
79 12.4 0.0 32.1

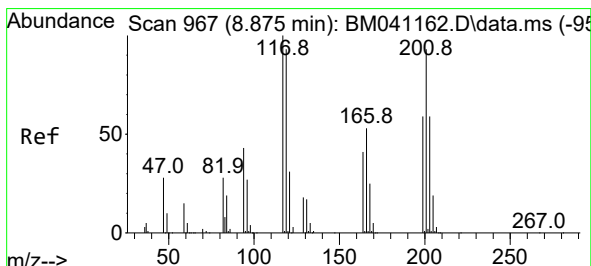
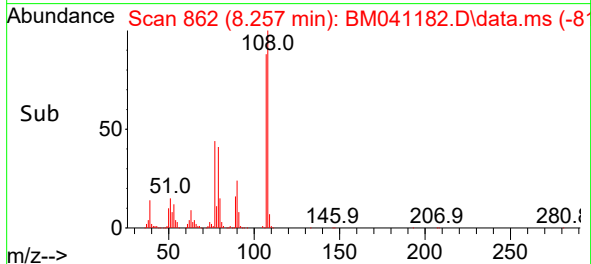
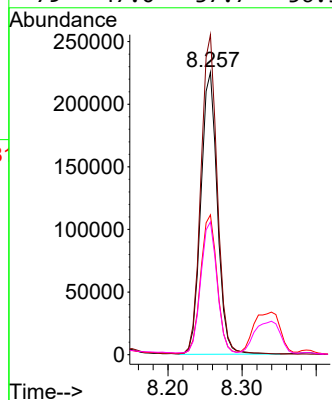
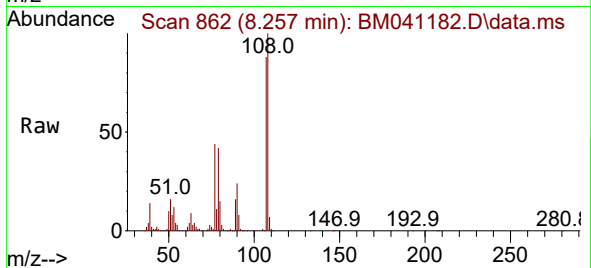




#17
2-Methylphenol
Concen: 39.953 ng
RT: 8.257 min Scan# 862
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

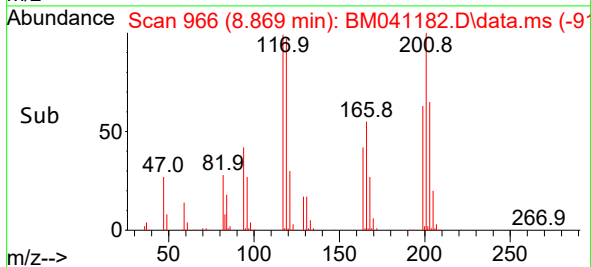
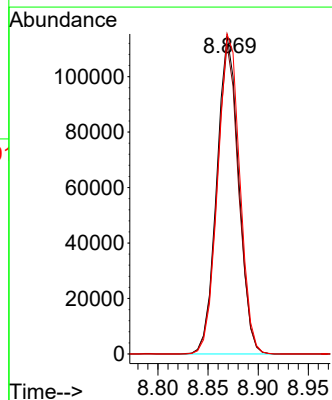
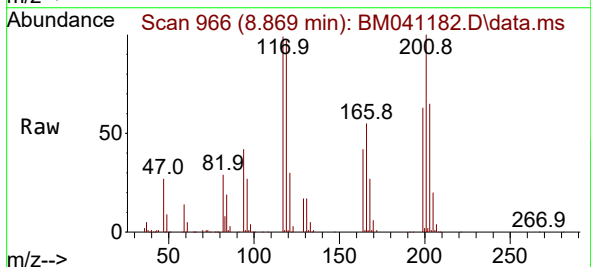
Instrument :
BNA_M
ClientSampleId :
PB154262BS

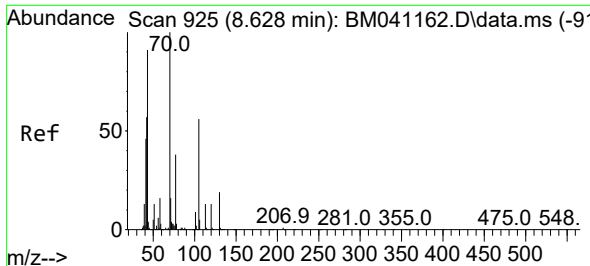
Tgt Ion:107 Resp: 346438
Ion Ratio Lower Upper
107 100
108 113.3 89.9 134.9
77 49.6 39.8 59.8
79 47.0 37.7 56.5



#18
Hexachloroethane
Concen: 43.267 ng
RT: 8.869 min Scan# 966
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:117 Resp: 174423
Ion Ratio Lower Upper
117 100
119 97.3 74.2 111.4
201 102.8 74.5 111.7

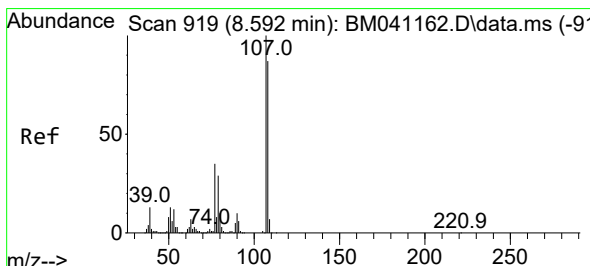
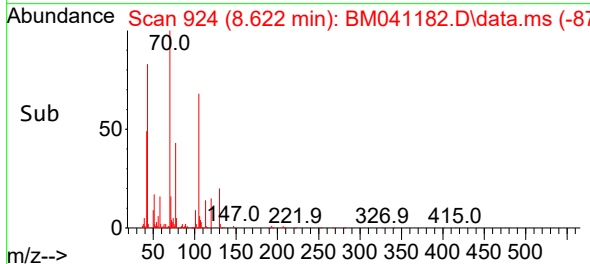
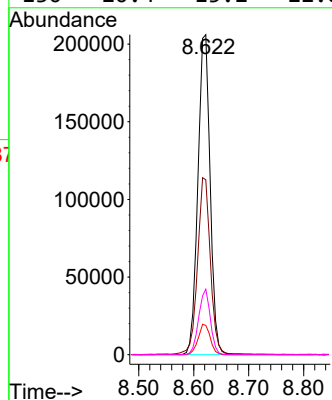
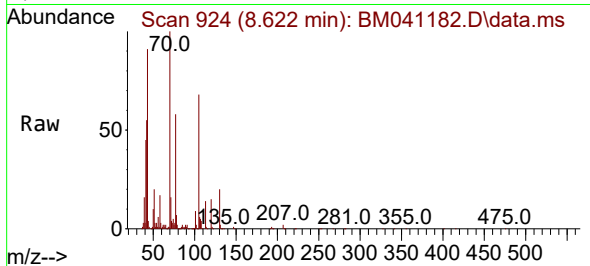




#19
n-Nitroso-di-n-propylamine
Concen: 40.069 ng
RT: 8.622 min Scan# 918
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

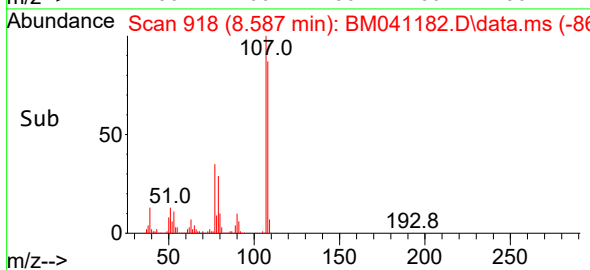
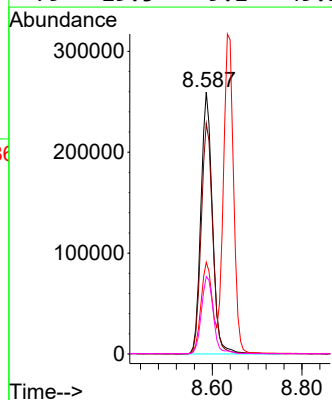
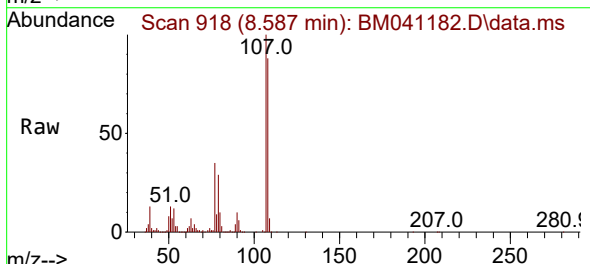
Instrument :
BNA_M
ClientSampleId :
PB154262BS

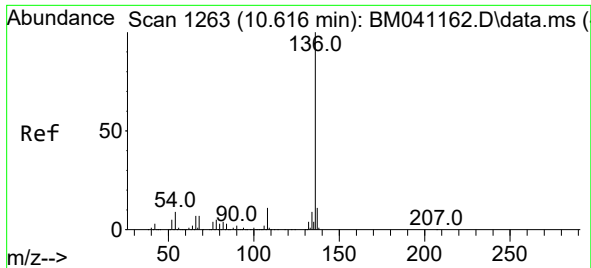
Tgt Ion: 70 Resp: 319828
Ion Ratio Lower Upper
70 100
42 54.7 45.8 68.8
101 9.1 7.4 11.0
130 20.4 15.2 22.8



#20
3+4-Methylphenols
Concen: 39.996 ng
RT: 8.587 min Scan# 918
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion: 107 Resp: 463710
Ion Ratio Lower Upper
107 100
108 88.0 67.2 107.2
77 35.0 15.4 55.4
79 29.5 9.2 49.2

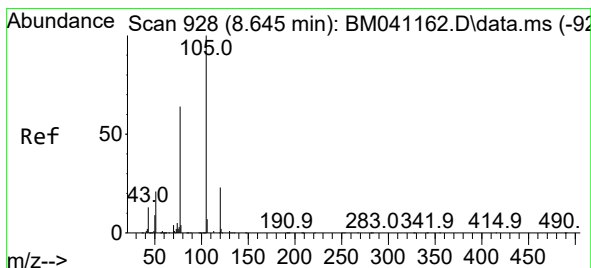
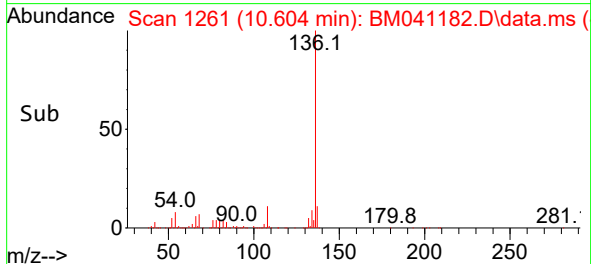
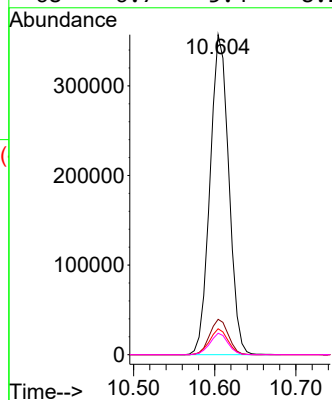
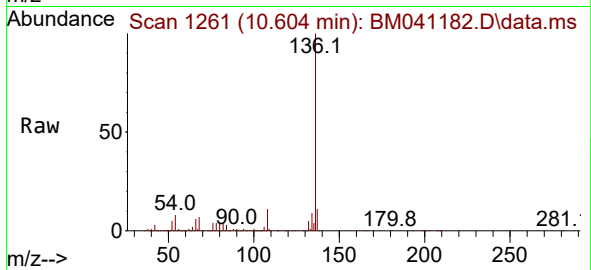




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

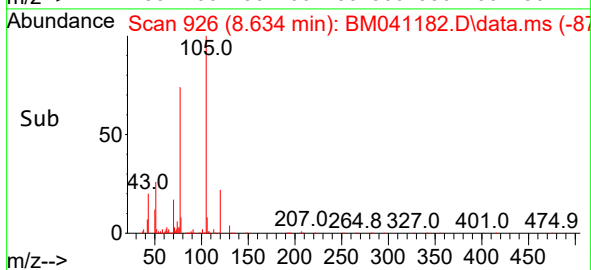
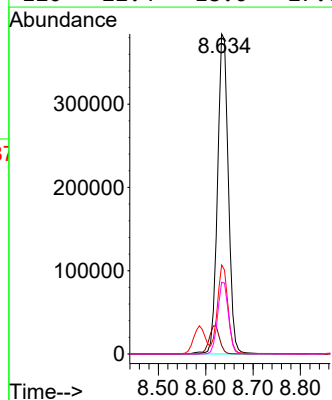
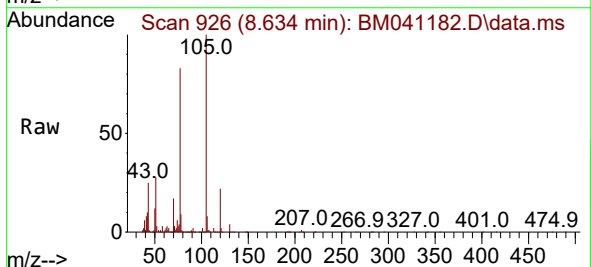
Instrument :
BNA_M
ClientSampleId :
PB154262BS

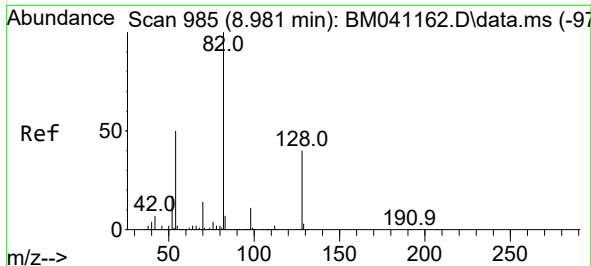
Tgt Ion:136 Resp: 573385
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.1 6.9 10.3
68 6.7 5.4 8.2



#22
Acetophenone
Concen: 40.204 ng
RT: 8.634 min Scan# 926
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:105 Resp: 610523
Ion Ratio Lower Upper
105 100
71 2.7 1.2 1.8#
51 27.8 22.0 33.0
120 22.4 18.0 27.0





#23

Nitrobenzene-d5

Concen: 76.987 ng

RT: 8.975 min Scan# 990

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

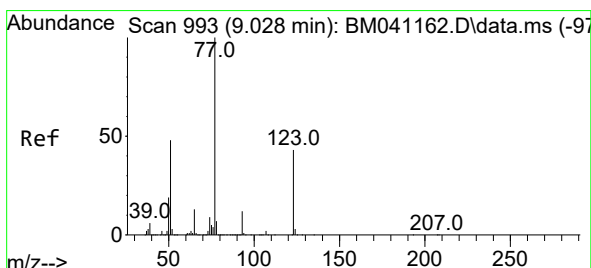
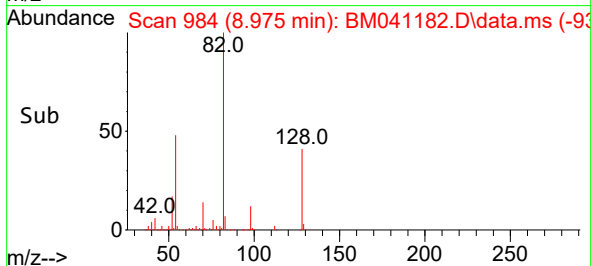
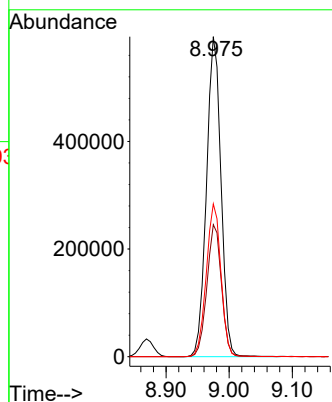
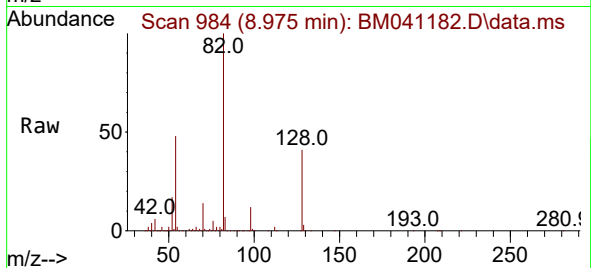
Tgt Ion: 82 Resp: 949220

Ion Ratio Lower Upper

82 100

128 41.2 31.8 47.6

54 47.8 40.1 60.1



#24

Nitrobenzene

Concen: 38.654 ng

RT: 9.016 min Scan# 991

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

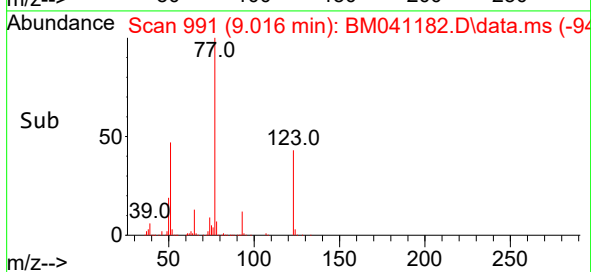
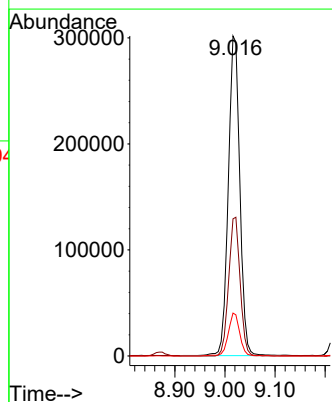
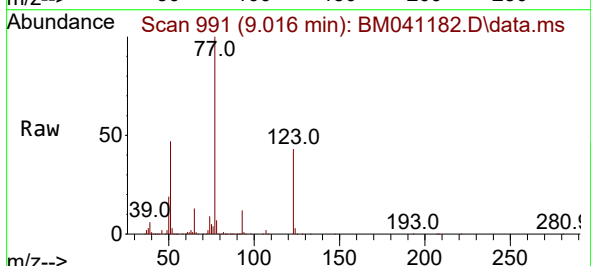
Tgt Ion: 77 Resp: 481966

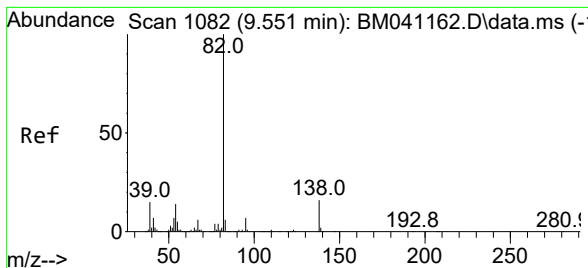
Ion Ratio Lower Upper

77 100

123 42.8 34.2 51.2

65 13.4 10.7 16.1





#25

Isophorone

Concen: 39.692 ng

RT: 9.545 min Scan# 1082

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

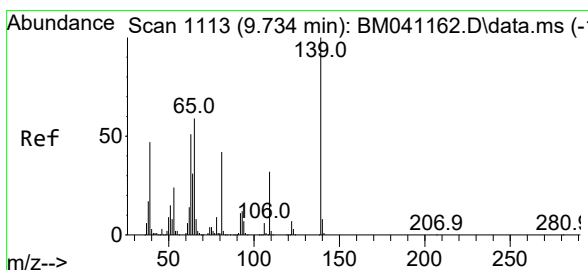
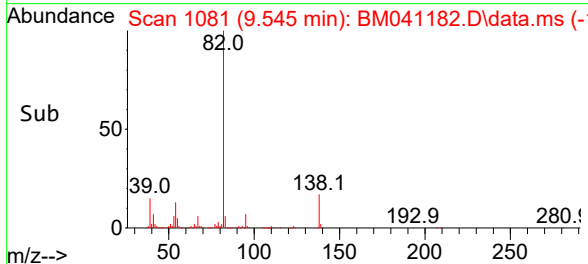
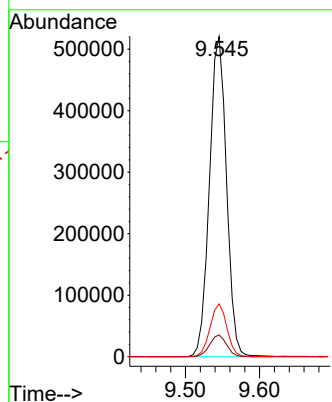
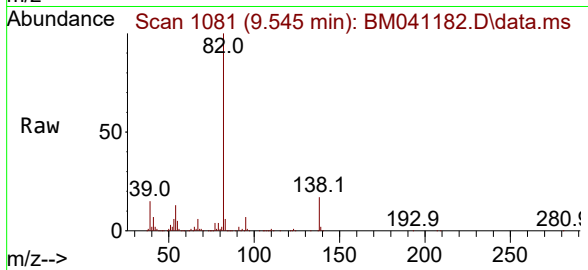
Tgt Ion: 82 Resp: 830740

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 16.5 12.8 19.2



#26

2-Nitrophenol

Concen: 43.821 ng

RT: 9.728 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

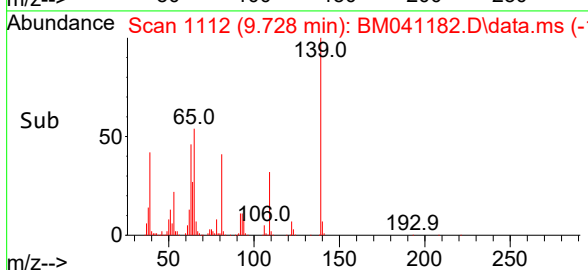
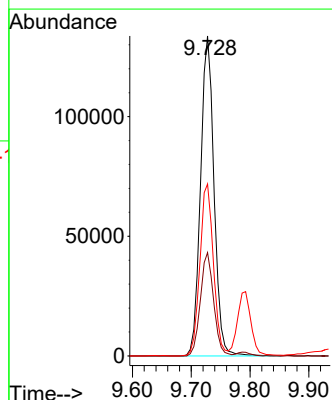
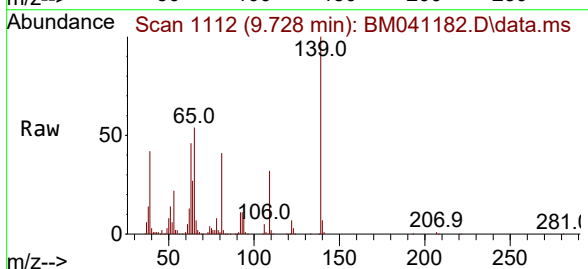
Tgt Ion: 139 Resp: 213595

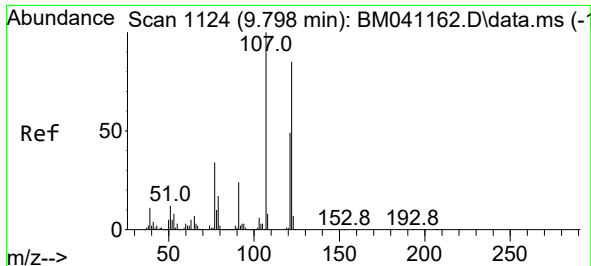
Ion Ratio Lower Upper

139 100

109 32.3 25.4 38.2

65 53.8 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 42.420 ng

RT: 9.792 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

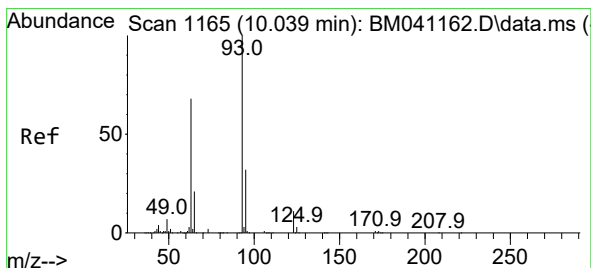
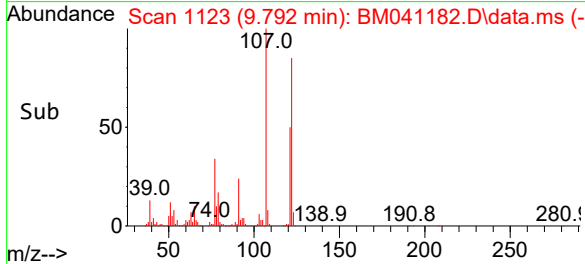
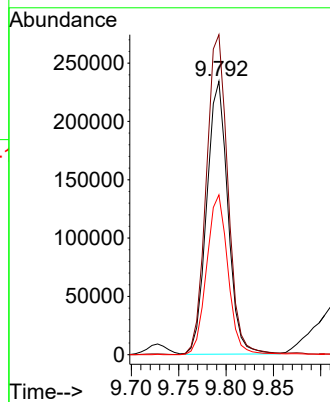
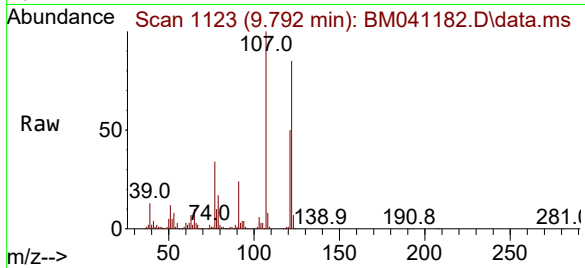
Tgt Ion:122 Resp: 363848

Ion Ratio Lower Upper

122 100

107 117.1 94.3 141.5

121 58.5 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.766 ng

RT: 10.028 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

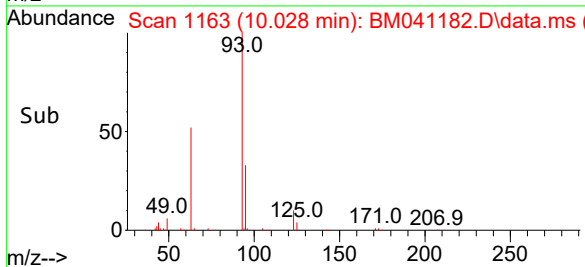
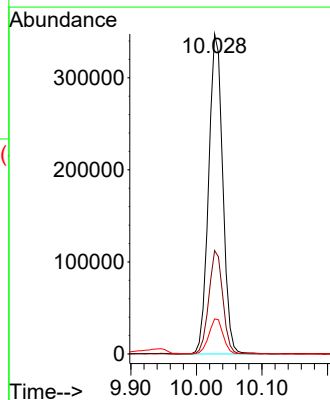
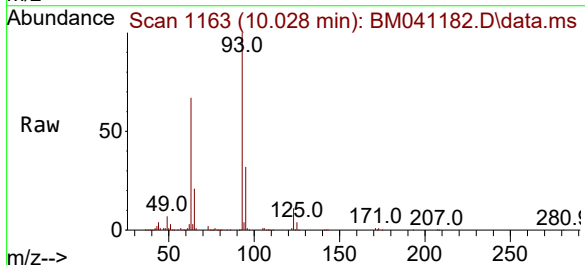
Tgt Ion: 93 Resp: 521353

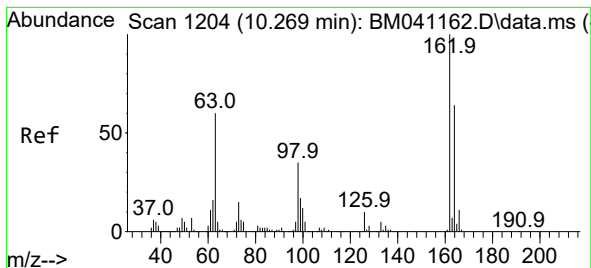
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.597 ng

RT: 10.257 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

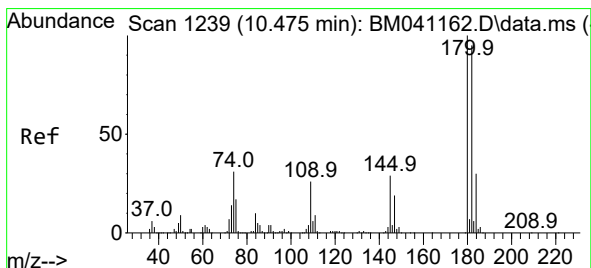
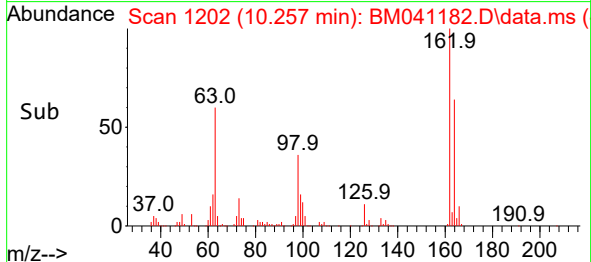
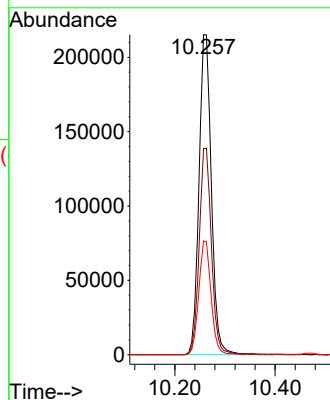
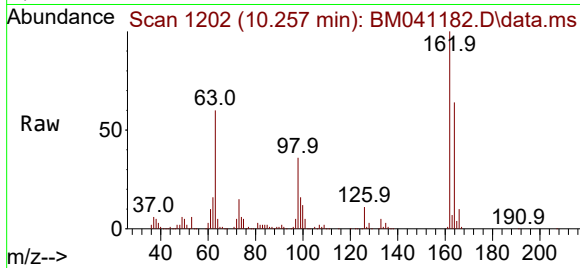
Tgt Ion:162 Resp: 368446

Ion Ratio Lower Upper

162 100

164 64.4 44.3 84.3

98 35.5 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 42.921 ng

RT: 10.469 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

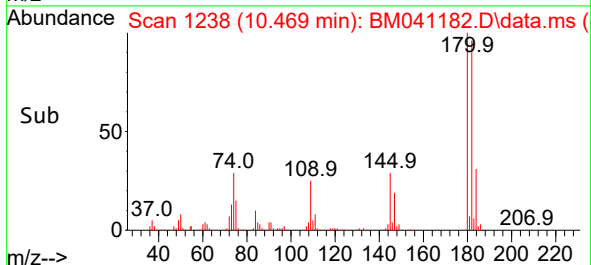
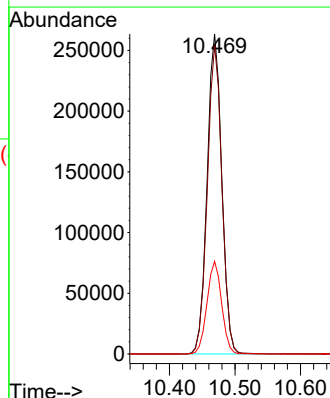
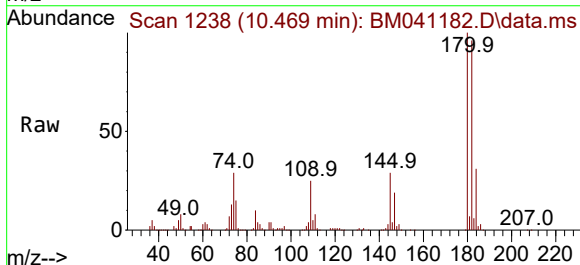
Tgt Ion:180 Resp: 410174

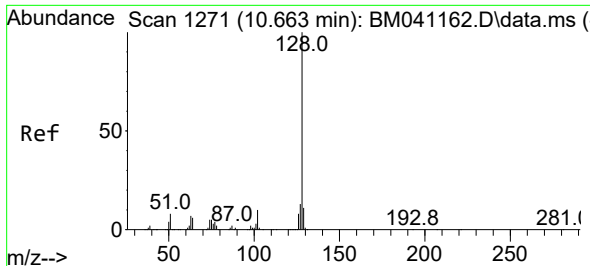
Ion Ratio Lower Upper

180 100

182 96.5 75.9 113.9

145 29.0 23.6 35.4

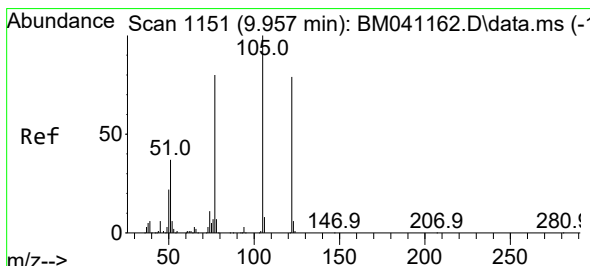
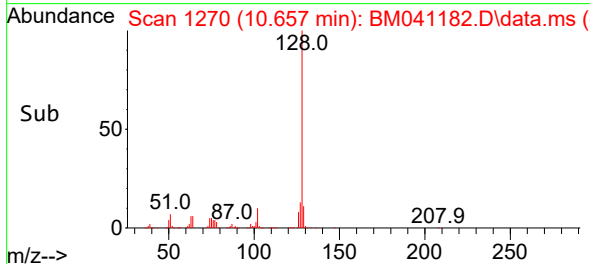
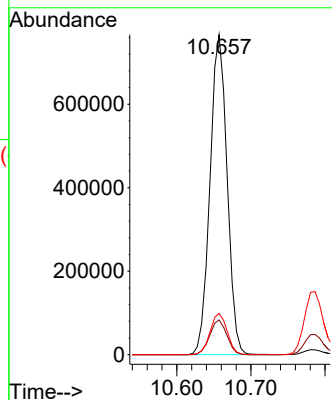
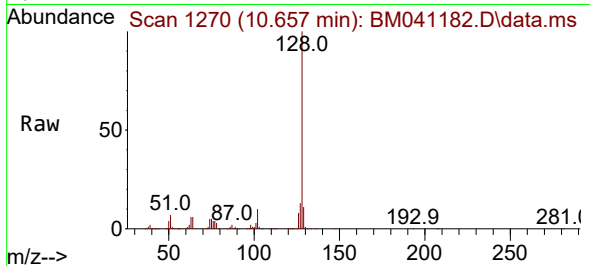




#31
Naphthalene
Concen: 39.453 ng
RT: 10.657 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

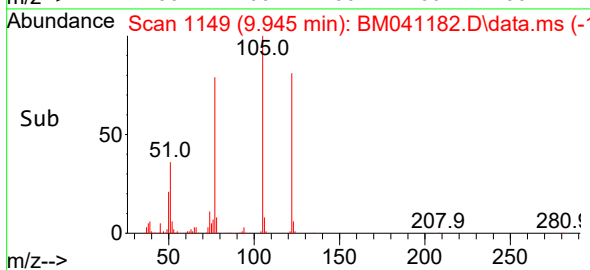
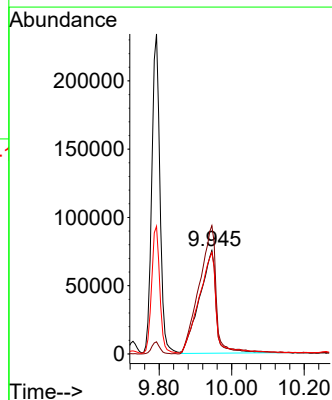
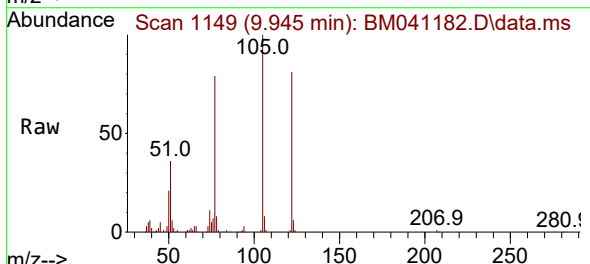
Instrument :
BNA_M
ClientSampleId :
PB154262BS

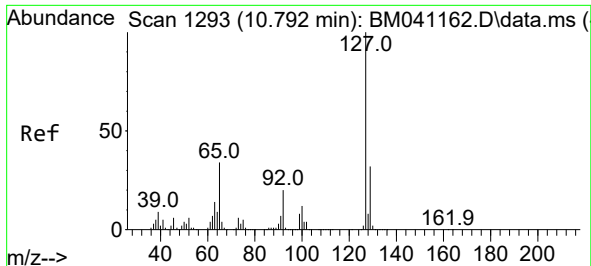
Tgt Ion:128 Resp: 1227601
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 39.173 ng
RT: 9.945 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:122 Resp: 242385
Ion Ratio Lower Upper
122 100
105 124.2 104.0 144.0
77 98.3 79.9 119.9

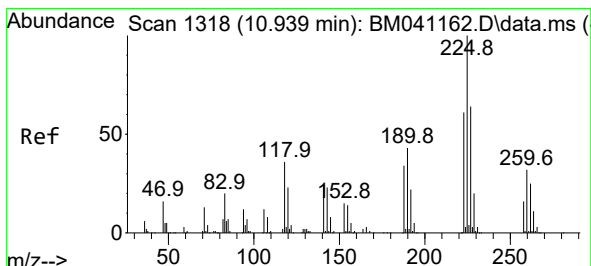
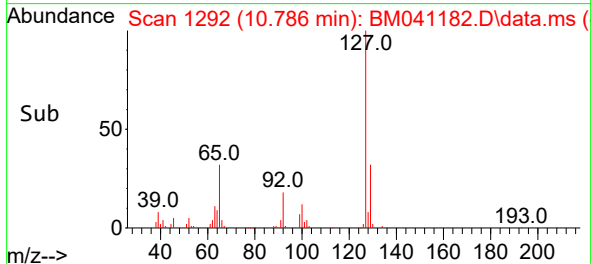
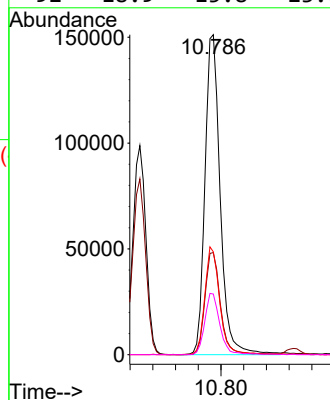
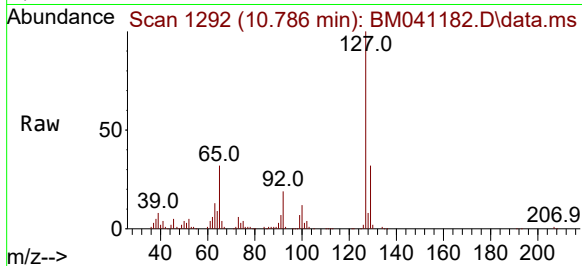




#33
4-Chloroaniline
Concen: 22.639 ng
RT: 10.786 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

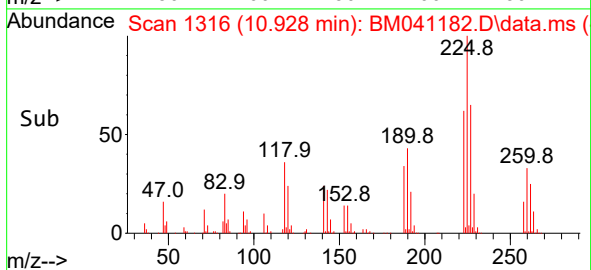
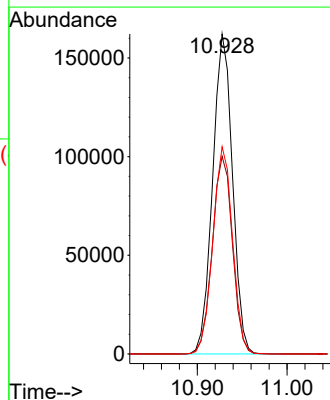
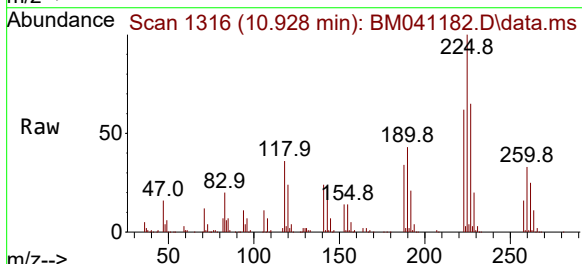
Instrument :
BNA_M
ClientSampleId :
PB154262BS

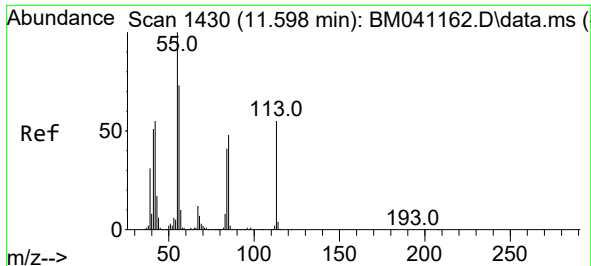
Tgt Ion:	127	Resp:	281507
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.9	38.9
65	32.1	26.9	40.3
92	18.9	15.8	23.6



#34
Hexachlorobutadiene
Concen: 43.247 ng
RT: 10.928 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:	225	Resp:	248567
Ion Ratio	Lower	Upper	
225	100		
223	61.7	49.0	73.4
227	64.7	50.8	76.2

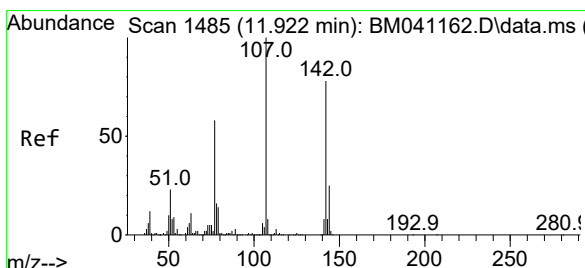
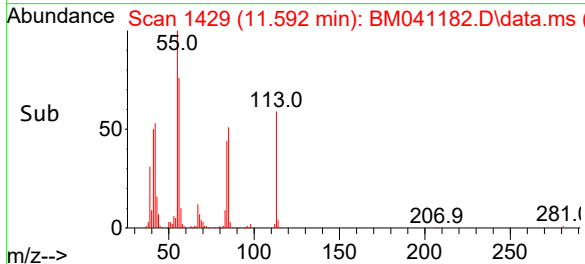
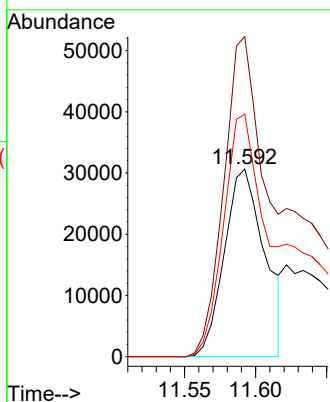
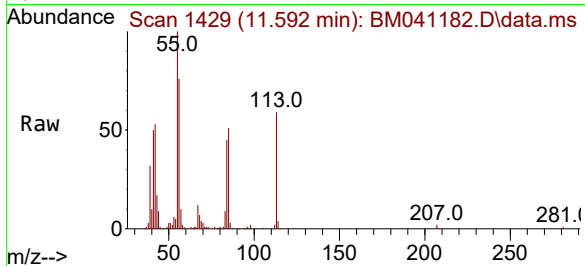




#35
Caprolactam
Concen: 24.186 ng
RT: 11.592 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

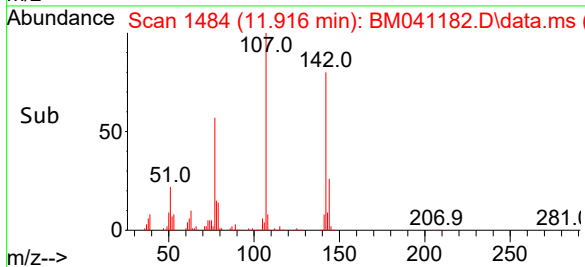
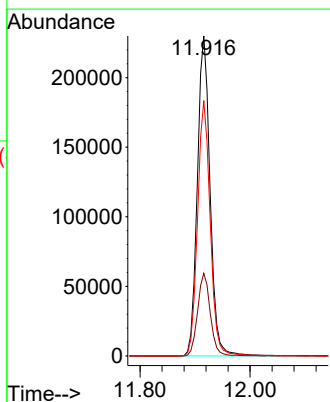
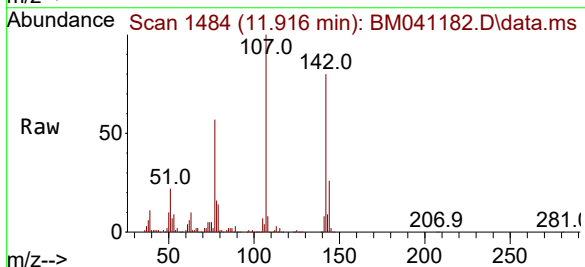
Instrument :
BNA_M
ClientSampleId :
PB154262BS

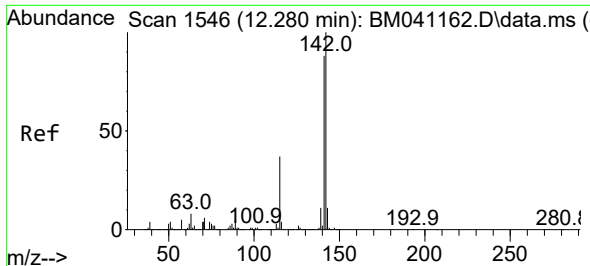
Tgt Ion:113 Resp: 60518
Ion Ratio Lower Upper
113 100
55 170.5 162.5 202.5
56 129.2 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 40.668 ng
RT: 11.916 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:107 Resp: 370236
Ion Ratio Lower Upper
107 100
144 25.8 20.1 30.1
142 79.8 62.2 93.4





#37

2-Methylnaphthalene

Concen: 38.251 ng

RT: 12.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

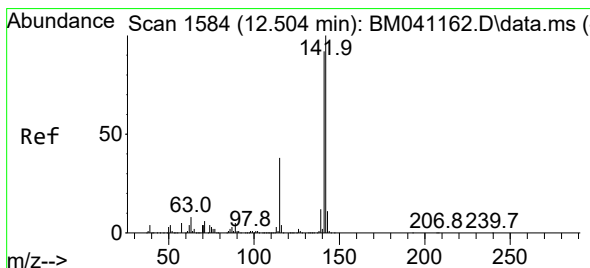
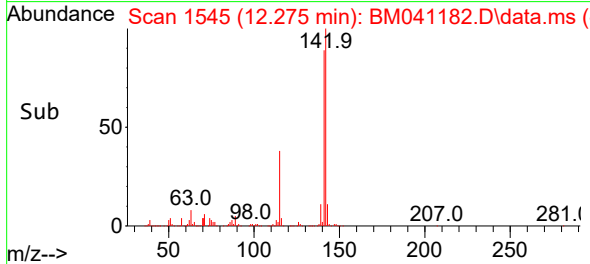
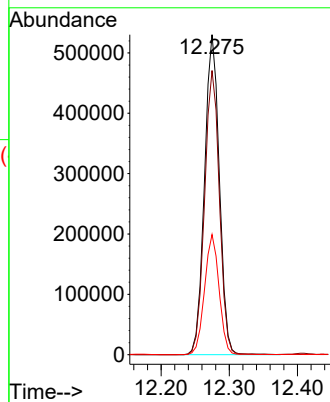
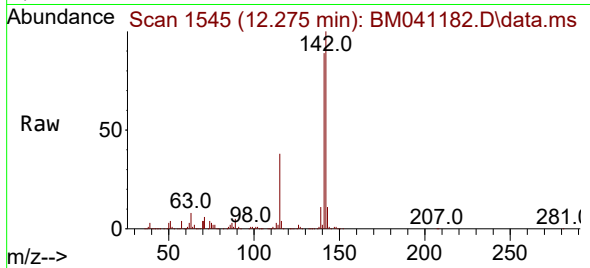
Tgt Ion:142 Resp: 802389

Ion Ratio Lower Upper

142 100

141 88.8 70.7 106.1

115 37.6 29.3 43.9



#38

1-Methylnaphthalene

Concen: 38.102 ng

RT: 12.498 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

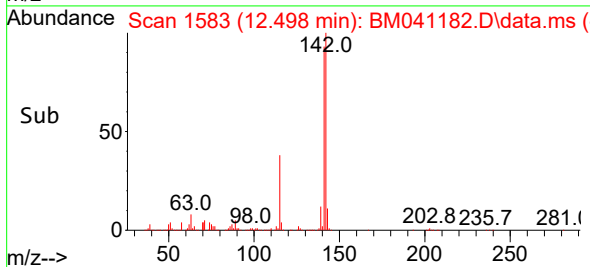
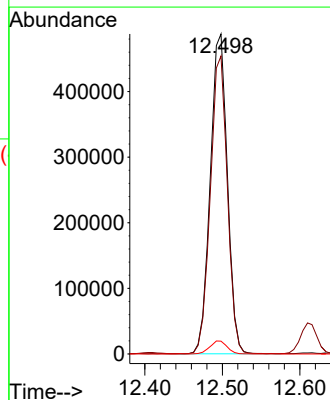
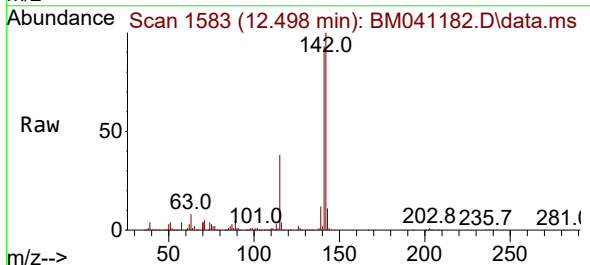
Tgt Ion:142 Resp: 748080

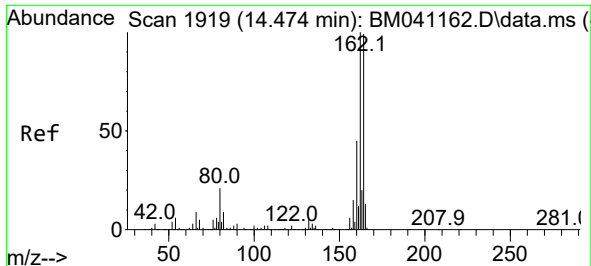
Ion Ratio Lower Upper

142 100

141 93.1 73.4 110.2

116 4.0 3.2 4.8

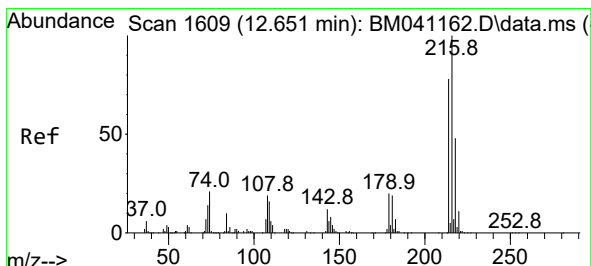
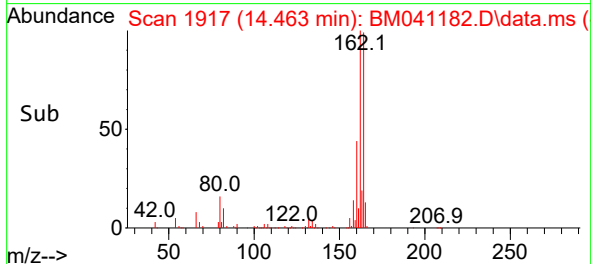
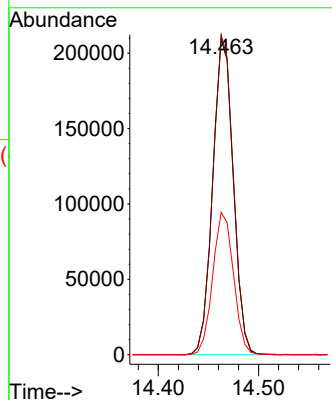
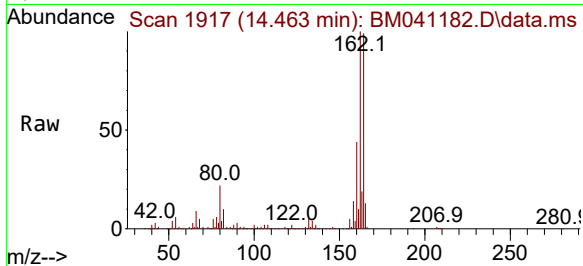




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

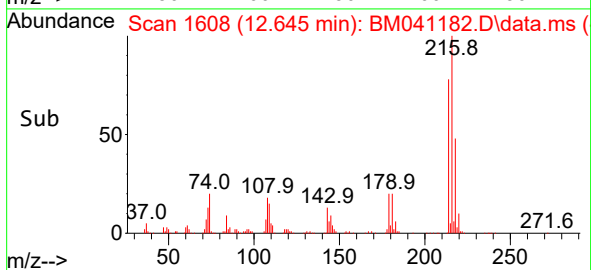
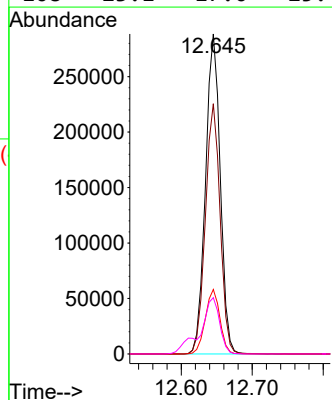
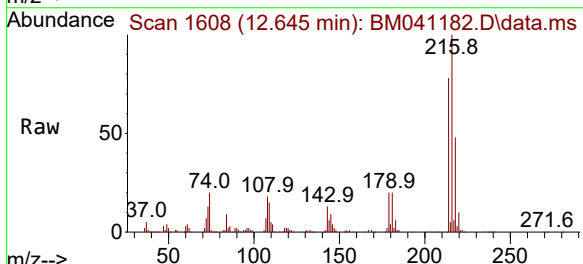
Instrument :
BNA_M
ClientSampleId :
PB154262BS

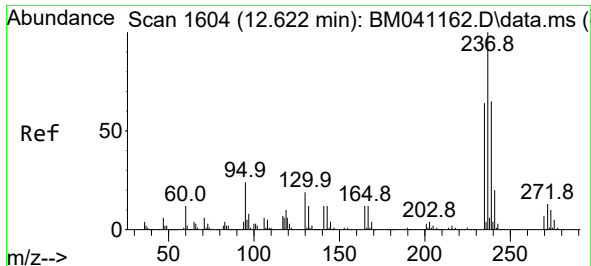
Tgt Ion:164 Resp: 297339
Ion Ratio Lower Upper
164 100
162 101.3 80.4 120.6
160 45.0 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.113 ng
RT: 12.645 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:216 Resp: 416249
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 20.0 16.2 24.2
108 23.1 17.0 25.4

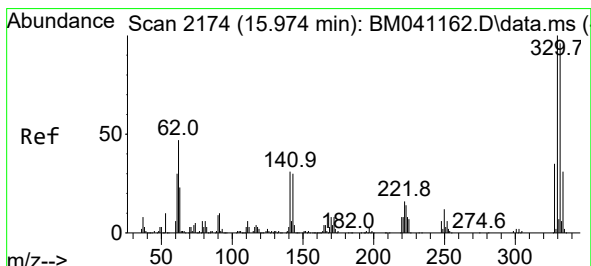
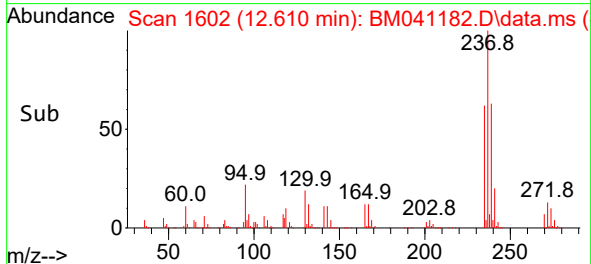
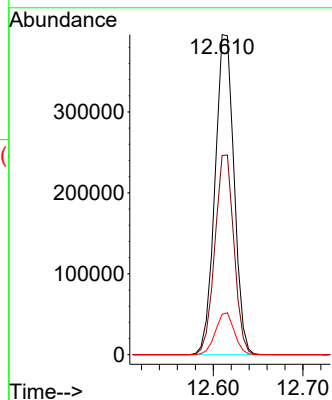
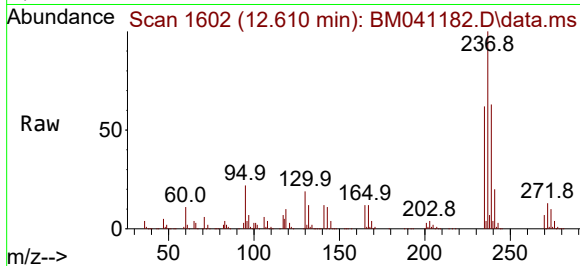




#41
Hexachlorocyclopentadiene
Concen: 114.188 ng
RT: 12.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

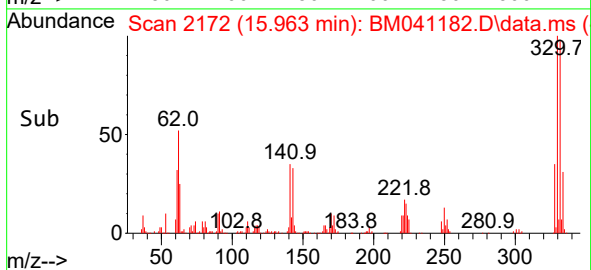
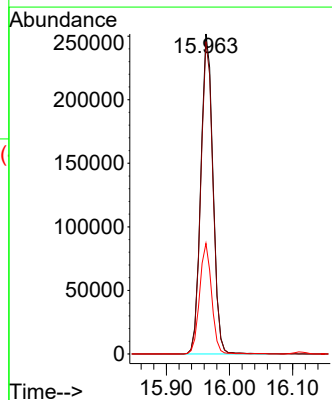
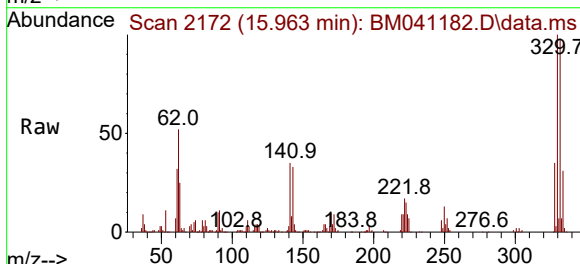
Instrument :
BNA_M
ClientSampleId :
PB154262BS

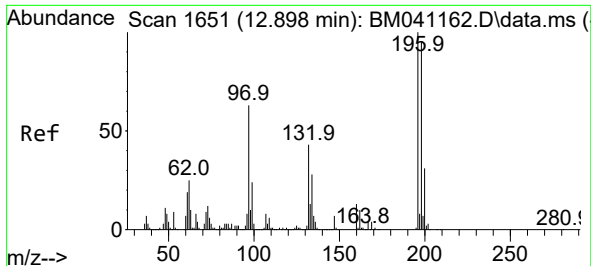
Tgt Ion:237 Resp: 583262
Ion Ratio Lower Upper
237 100
235 62.2 43.6 83.6
272 12.6 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 79.888 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:330 Resp: 335987
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 33.9 28.3 42.5

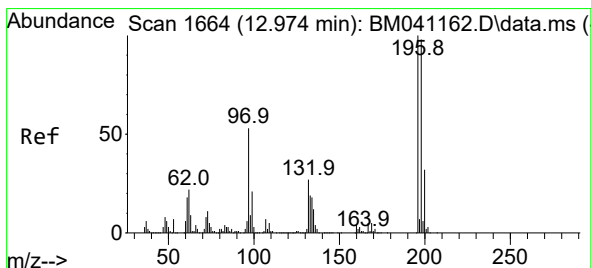
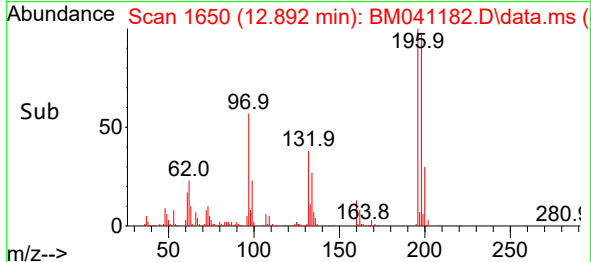
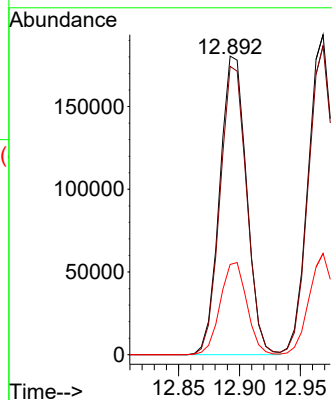
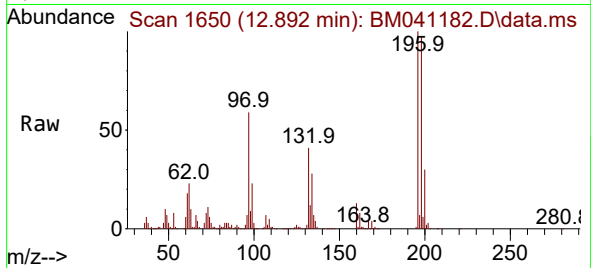




#43
2,4,6-Trichlorophenol
Concen: 44.841 ng
RT: 12.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

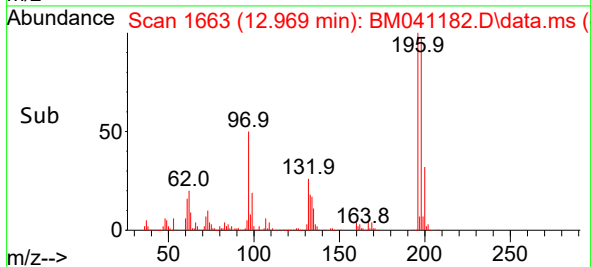
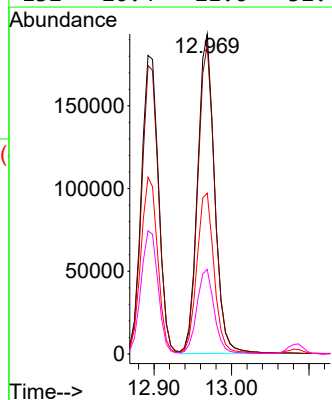
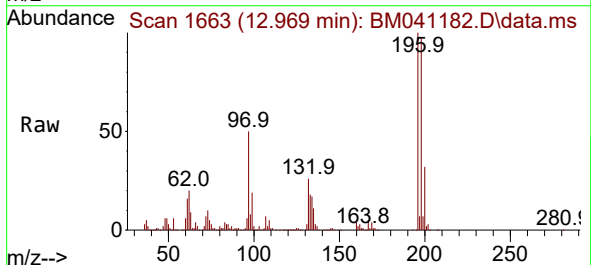
Instrument :
BNA_M
ClientSampleId :
PB154262BS

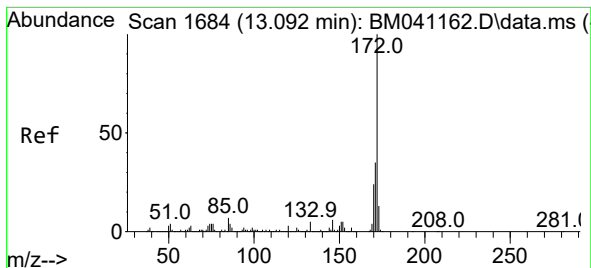
Tgt Ion:196 Resp: 277489
Ion Ratio Lower Upper
196 100
198 96.6 76.2 114.4
200 30.2 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 41.036 ng
RT: 12.969 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:196 Resp: 293916
Ion Ratio Lower Upper
196 100
198 96.5 78.2 117.4
97 50.2 42.7 64.1
132 26.4 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 81.738 ng

RT: 13.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

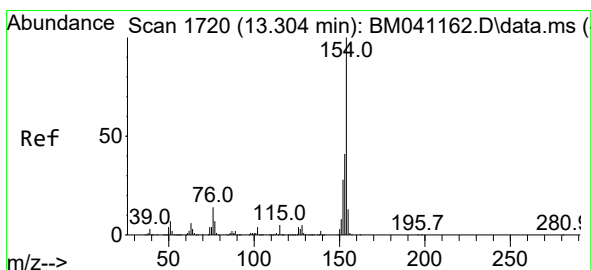
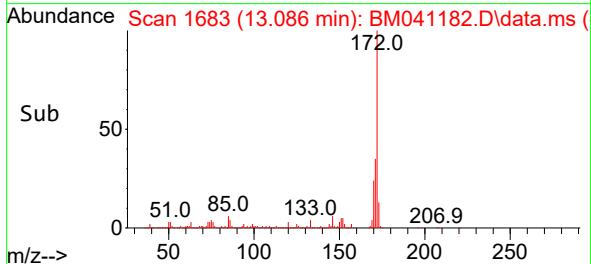
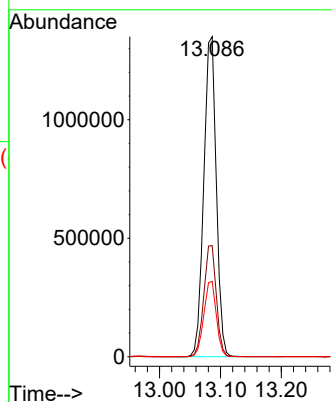
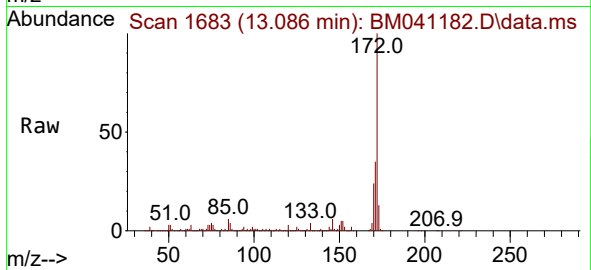
Tgt Ion:172 Resp: 1923916

Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 41.568 ng

RT: 13.298 min Scan# 1719

Delta R.T. 0.006 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

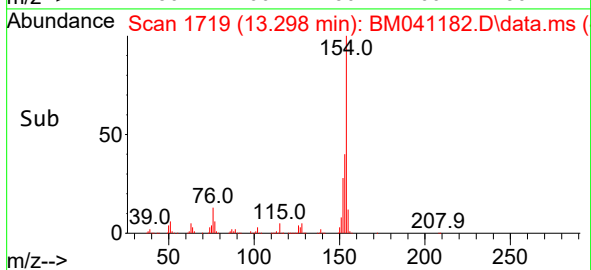
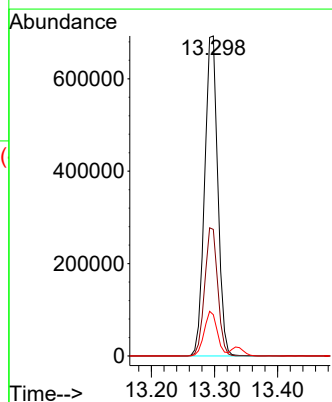
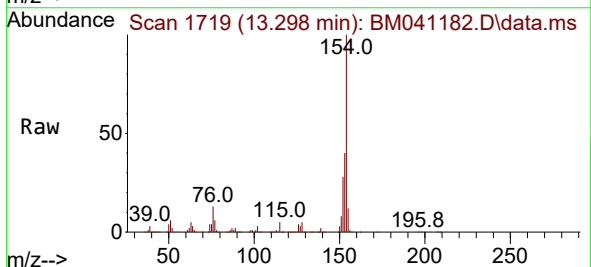
Tgt Ion:154 Resp: 1001992

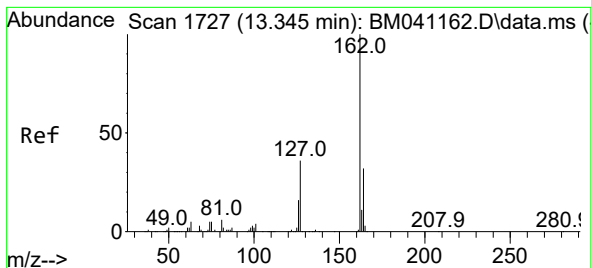
Ion Ratio Lower Upper

154 100

153 39.6 20.5 60.5

76 12.9 0.0 34.1





#47

2-Chloronaphthalene

Concen: 42.945 ng

RT: 13.339 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

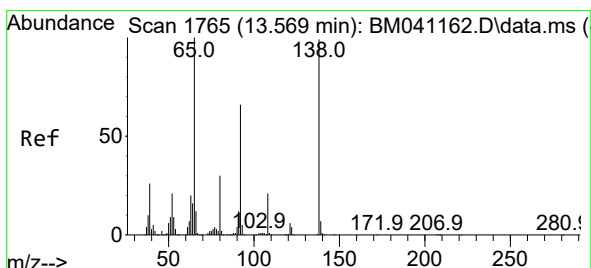
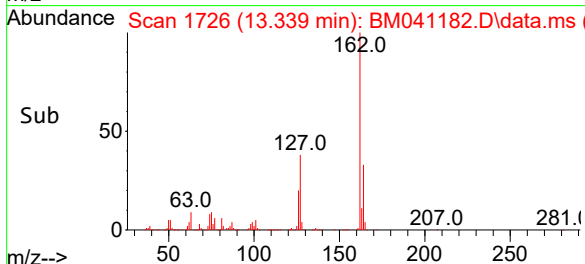
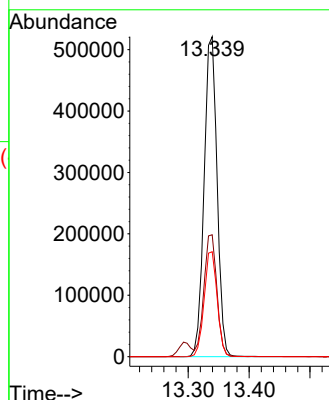
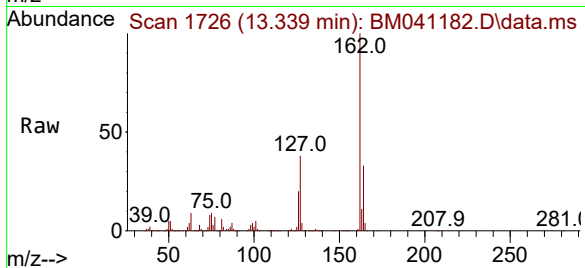
Tgt Ion:162 Resp: 772937

Ion Ratio Lower Upper

162 100

127 38.1 30.6 45.8

164 32.8 25.6 38.4



#48

2-Nitroaniline

Concen: 40.672 ng

RT: 13.557 min Scan# 1763

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

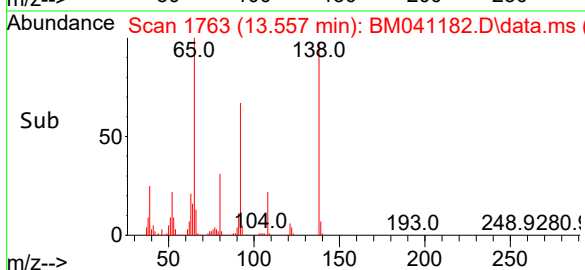
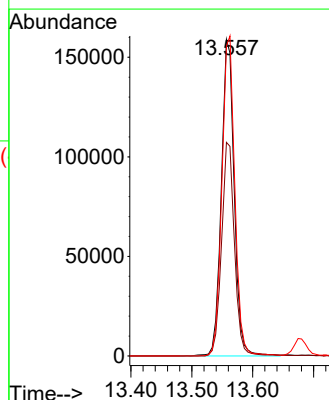
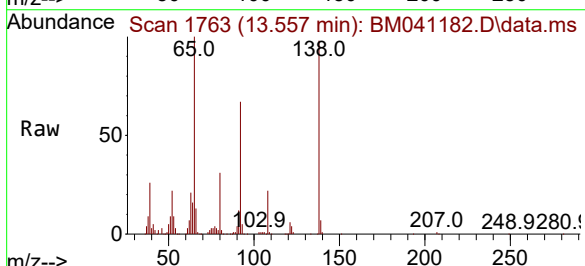
Tgt Ion: 65 Resp: 233667

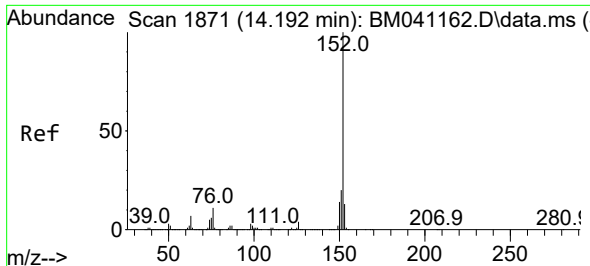
Ion Ratio Lower Upper

65 100

92 67.4 53.0 79.4

138 97.9 79.1 118.7

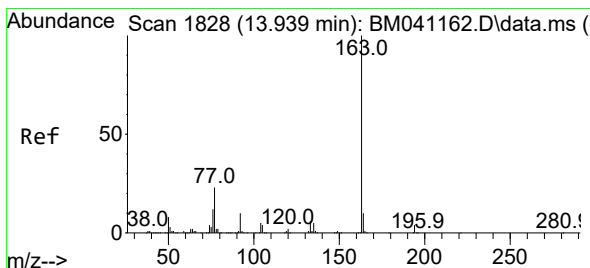
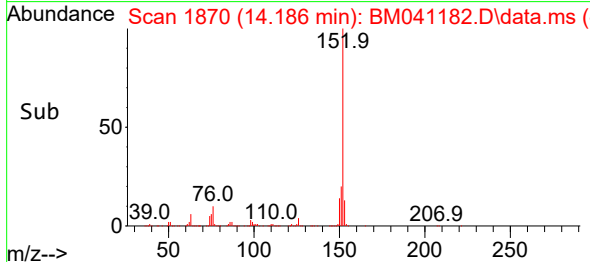
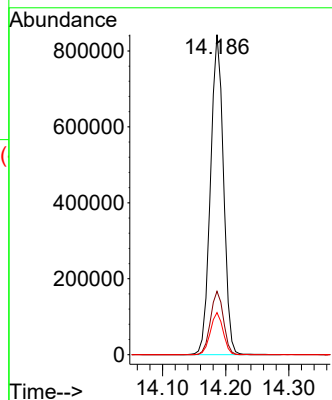
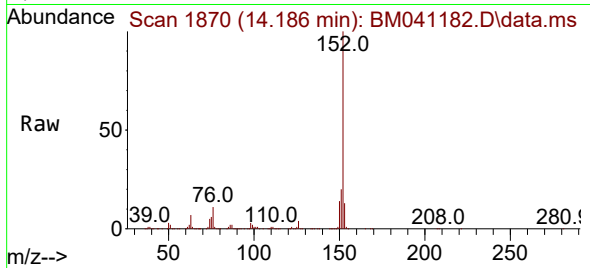




#49
Acenaphthylene
Concen: 41.377 ng
RT: 14.186 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

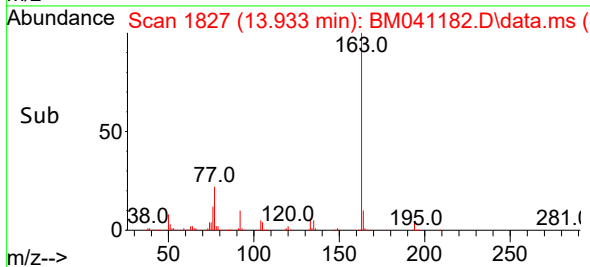
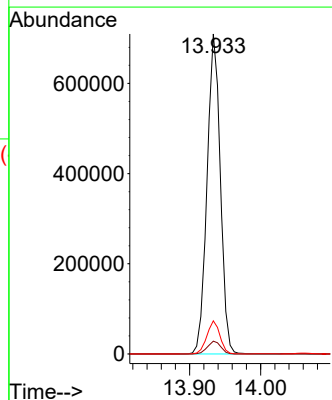
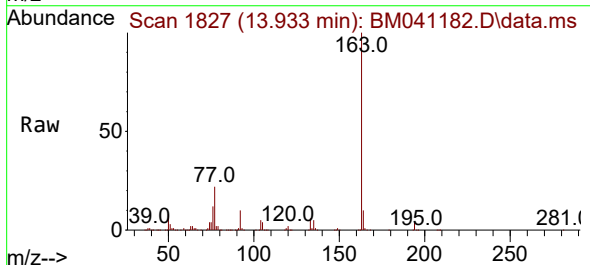
Instrument :
BNA_M
ClientSampleId :
PB154262BS

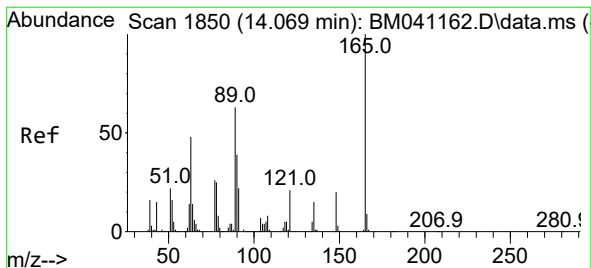
Tgt Ion:152 Resp: 1202048
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 41.337 ng
RT: 13.933 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:163 Resp: 924554
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.3 12.5

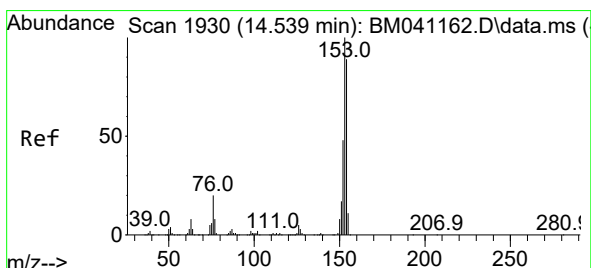
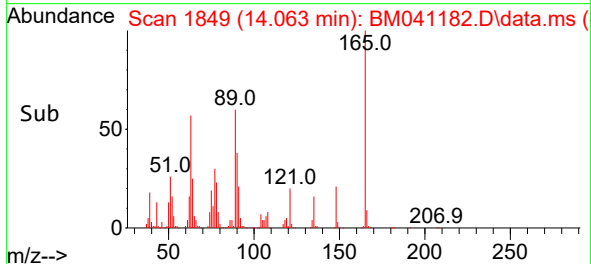
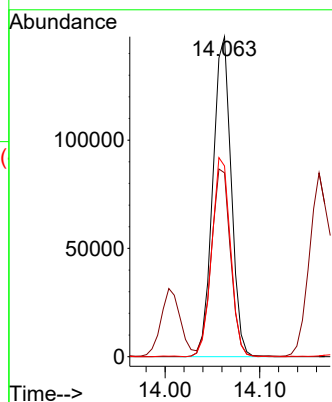
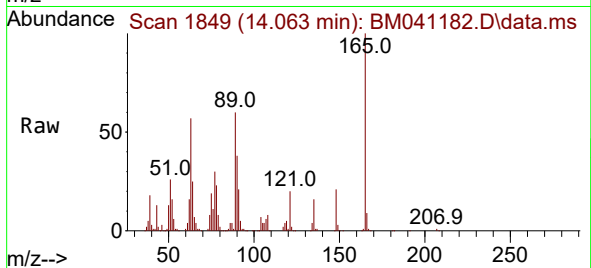




#51
2,6-Dinitrotoluene
Concen: 42.987 ng
RT: 14.063 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

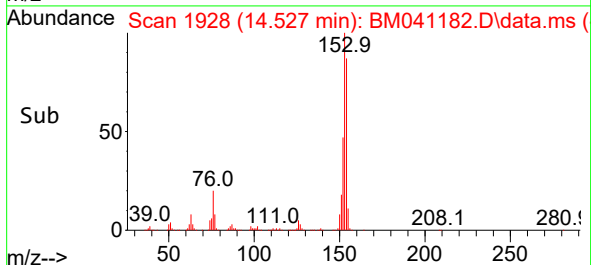
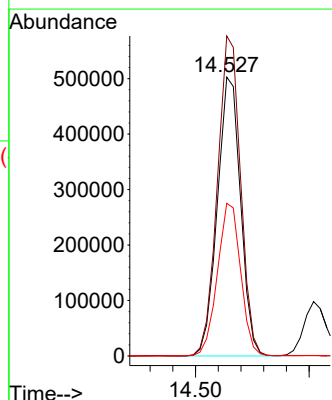
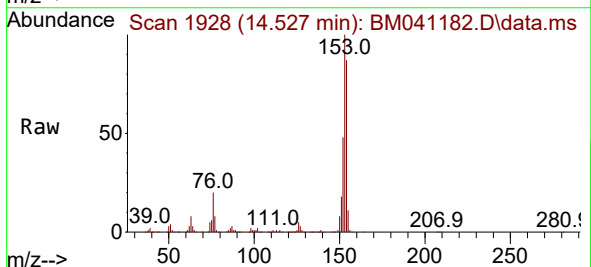
Instrument :
BNA_M
ClientSampleId :
PB154262BS

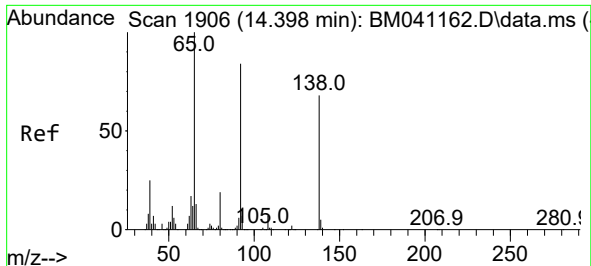
Tgt Ion:165 Resp: 199214
Ion Ratio Lower Upper
165 100
63 57.4 50.9 76.3
89 59.6 50.6 76.0



#52
Acenaphthene
Concen: 40.814 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:154 Resp: 714295
Ion Ratio Lower Upper
154 100
153 114.7 90.2 135.4
152 54.7 43.4 65.0

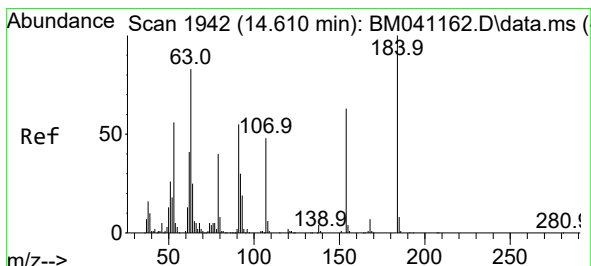
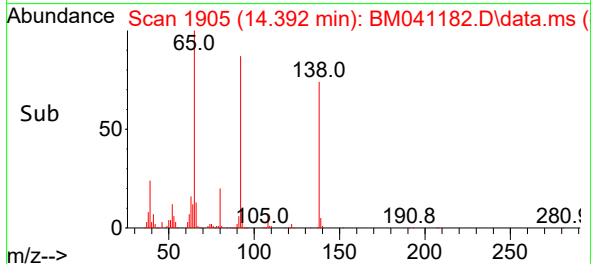
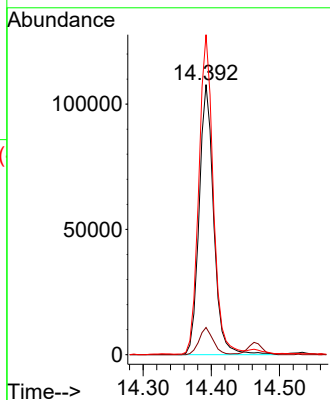
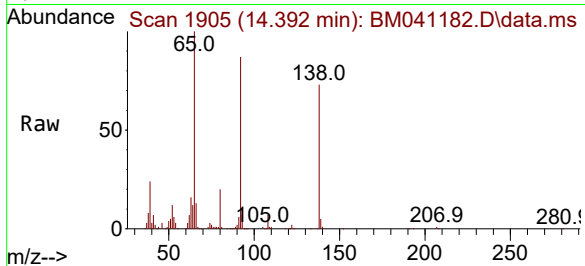




#53
3-Nitroaniline
Concen: 30.850 ng
RT: 14.392 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

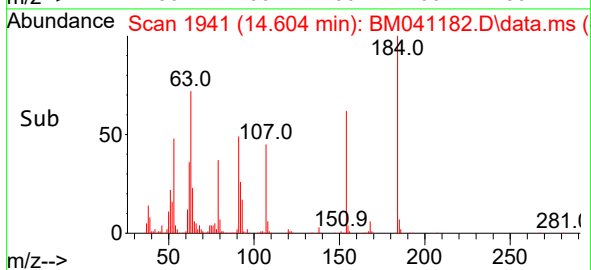
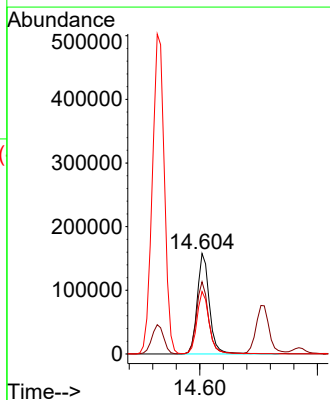
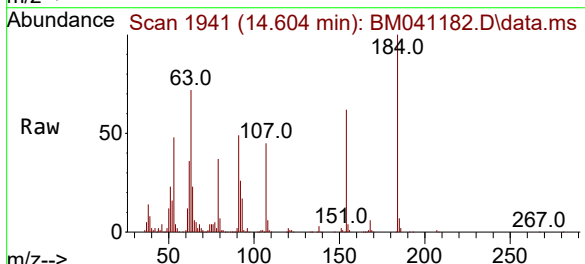
Instrument :
BNA_M
ClientSampleId :
PB154262BS

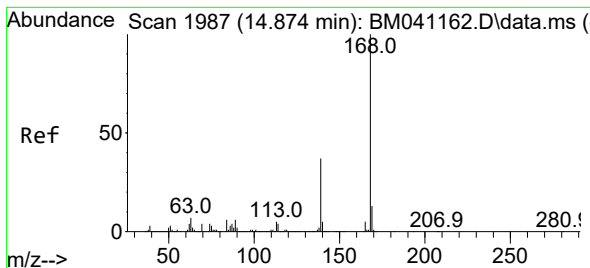
Tgt Ion:138 Resp: 160222
Ion Ratio Lower Upper
138 100
108 10.1 7.6 11.4
92 118.5 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 72.661 ng
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:184 Resp: 225588
Ion Ratio Lower Upper
184 100
63 71.9 66.5 99.7
154 62.1 52.8 79.2





#55

Dibenzenofuran

Concen: 40.023 ng

RT: 14.869 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

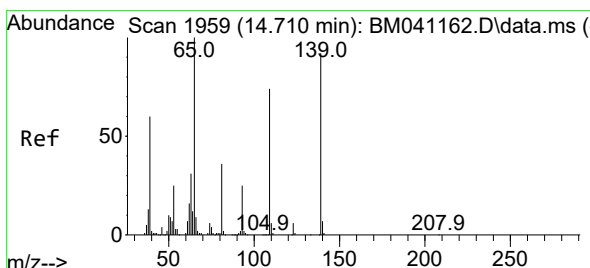
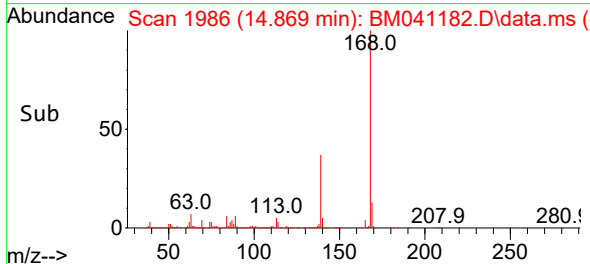
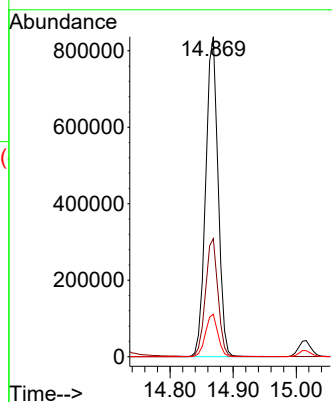
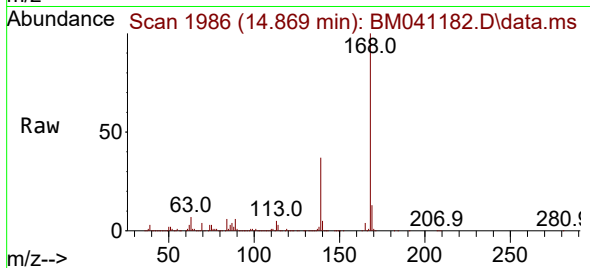
Tgt Ion:168 Resp: 1142804

Ion Ratio Lower Upper

168 100

139 36.9 29.8 44.6

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 96.303 ng

RT: 14.710 min Scan# 1959

Delta R.T. 0.006 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

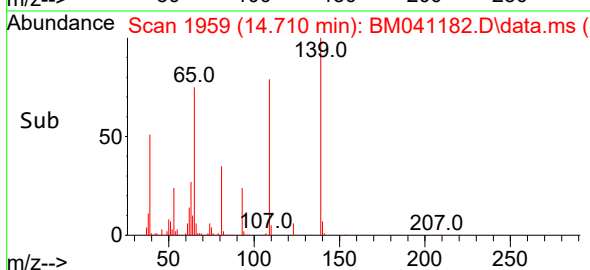
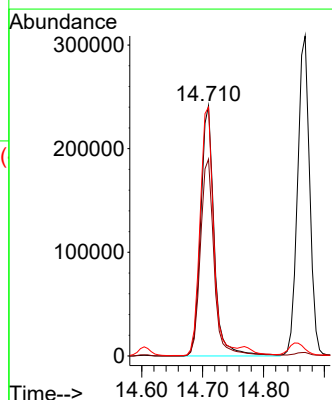
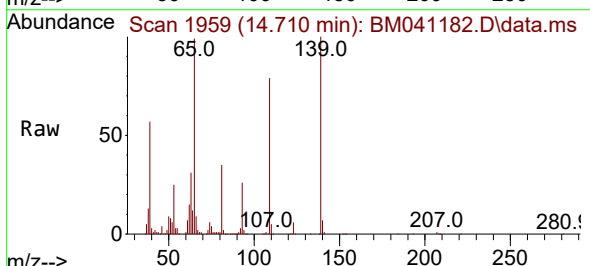
Tgt Ion:139 Resp: 371956

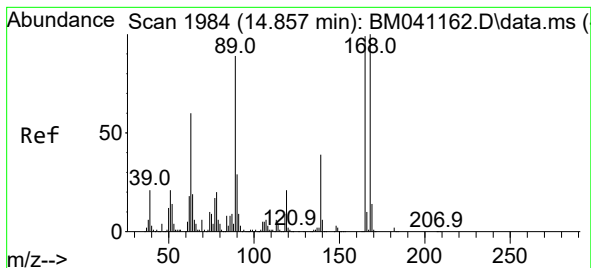
Ion Ratio Lower Upper

139 100

109 78.6 61.2 101.2

65 99.4 89.5 129.5

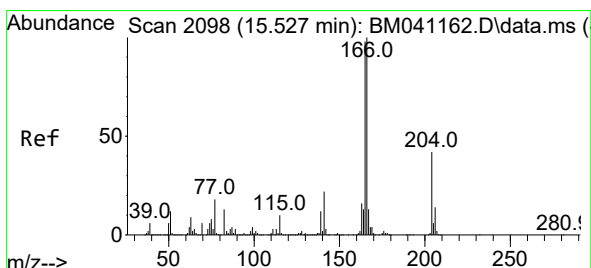
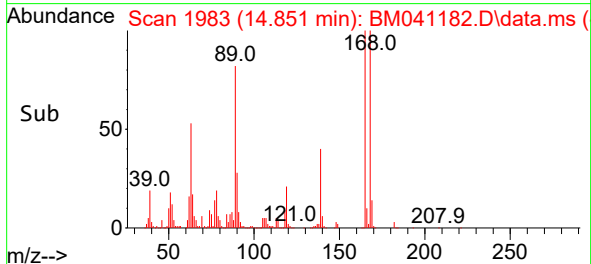
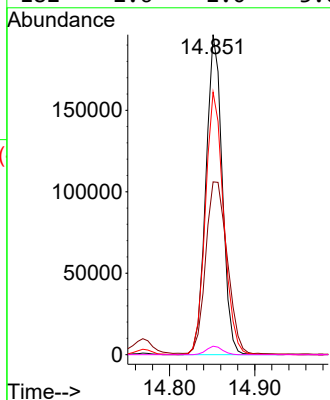
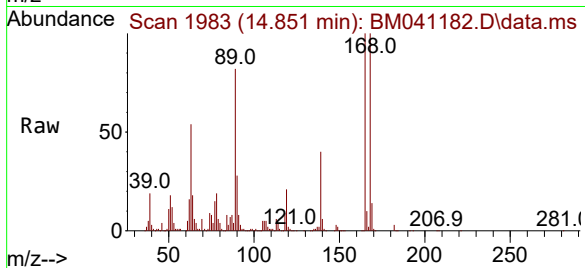




#57
2,4-Dinitrotoluene
Concen: 39.948 ng
RT: 14.851 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

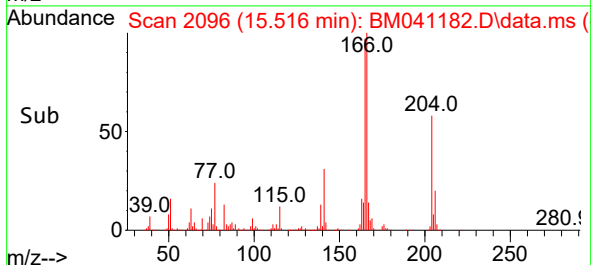
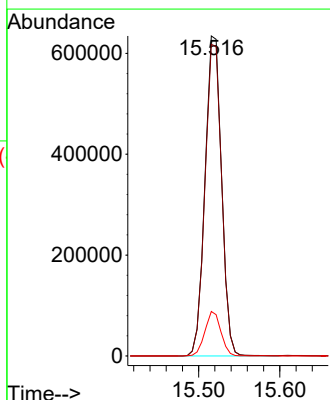
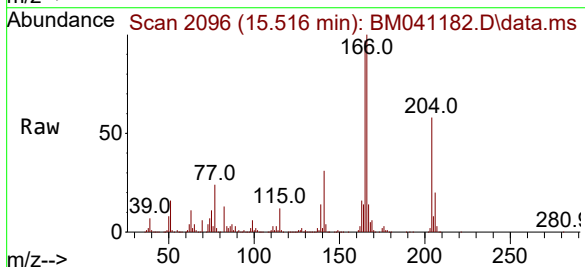
Instrument :
BNA_M
ClientSampleId :
PB154262BS

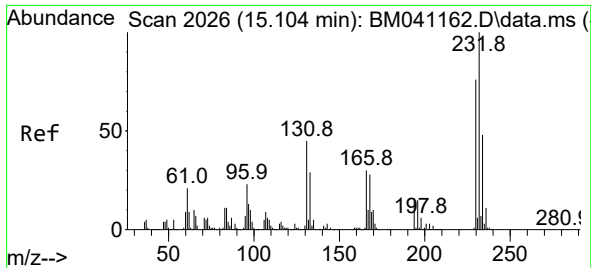
Tgt Ion:165 Resp: 261237
Ion Ratio Lower Upper
165 100
63 54.0 48.3 72.5
89 82.0 71.8 107.8
182 2.6 2.0 3.0



#58
Fluorene
Concen: 39.819 ng
RT: 15.516 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:166 Resp: 896946
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.4
167 13.9 10.6 16.0

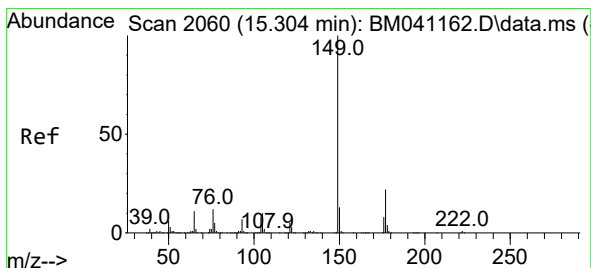
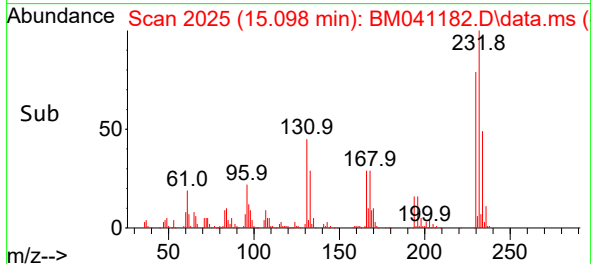
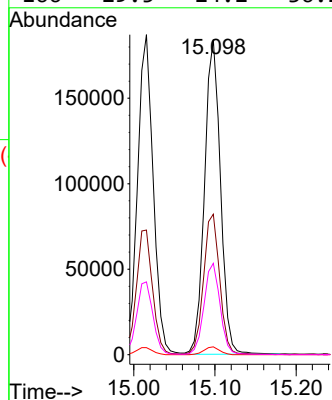
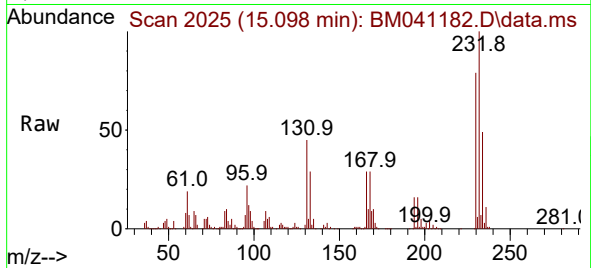




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.225 ng
RT: 15.098 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

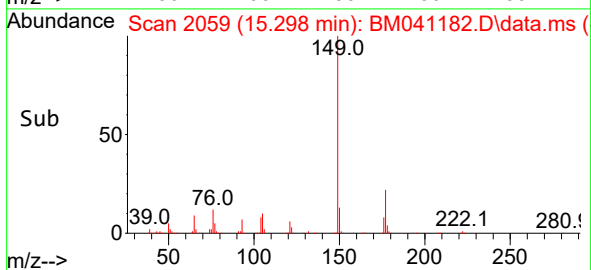
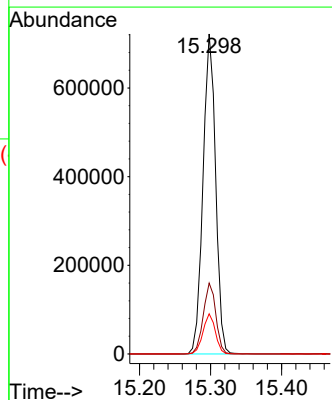
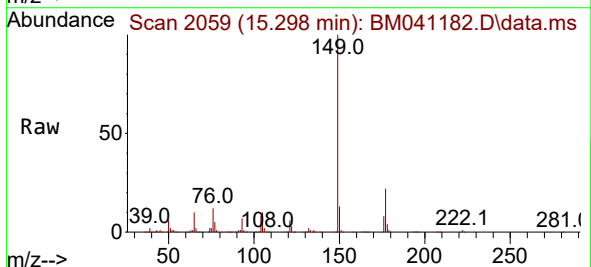
Instrument :
BNA_M
ClientSampleId :
PB154262BS

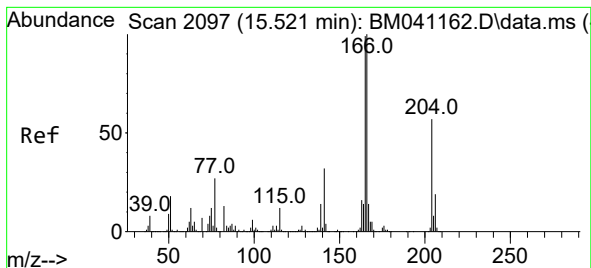
Tgt Ion:232 Resp: 250703
Ion Ratio Lower Upper
232 100
131 45.6 36.9 55.3
130 2.4 2.0 3.0
166 29.5 24.2 36.2



#60
Diethylphthalate
Concen: 41.248 ng
RT: 15.298 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:149 Resp: 892179
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.6 10.1 15.1

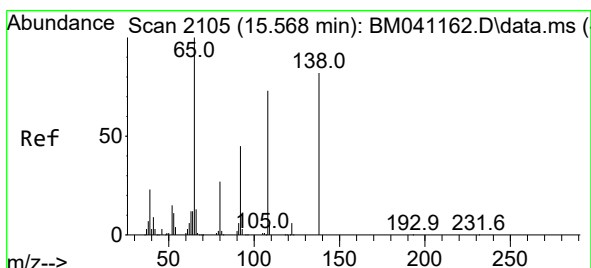
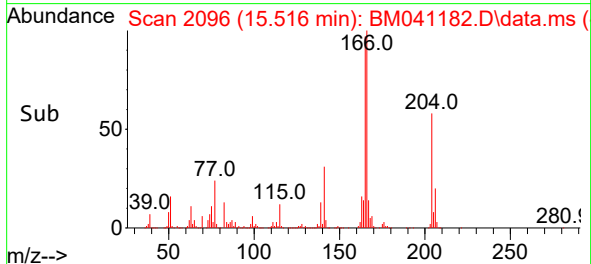
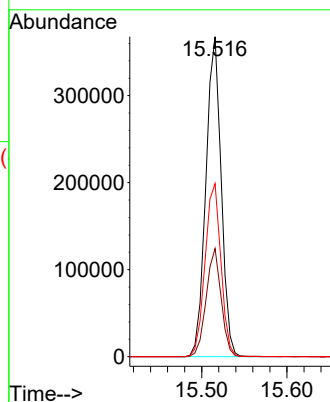
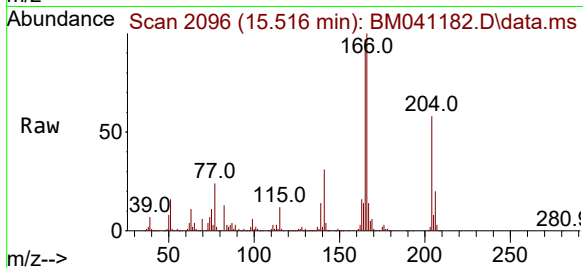




#61
4-Chlorophenyl-phenylether
Concen: 40.653 ng
RT: 15.516 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

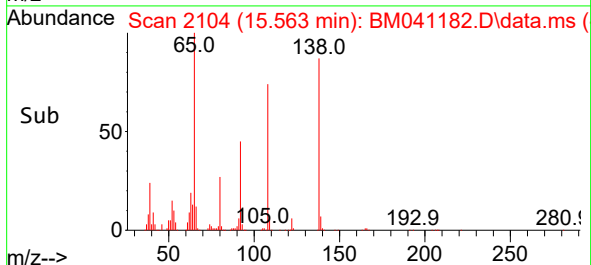
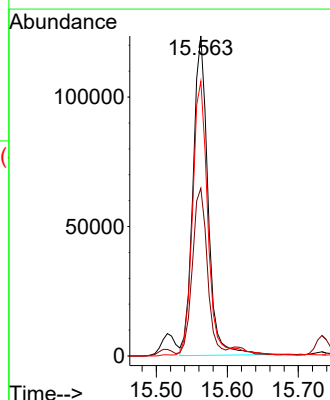
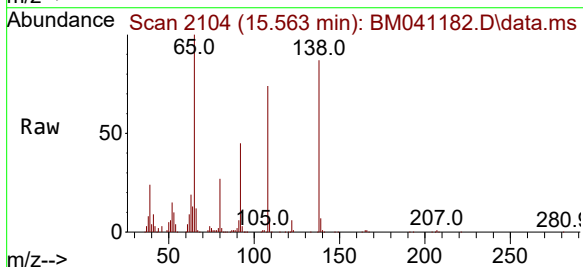
Instrument :
BNA_M
ClientSampleId :
PB154262BS

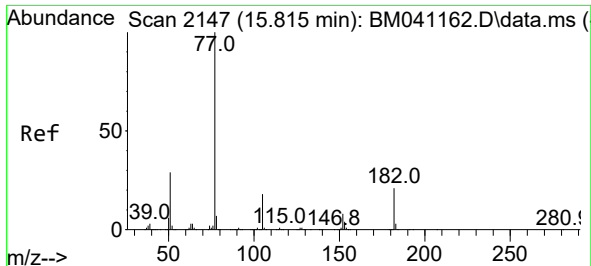
Tgt Ion:204 Resp: 458890
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 54.1 44.8 67.2



#62
4-Nitroaniline
Concen: 37.604 ng
RT: 15.563 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:138 Resp: 181011
Ion Ratio Lower Upper
138 100
92 52.4 35.1 75.1
108 85.8 67.8 107.8

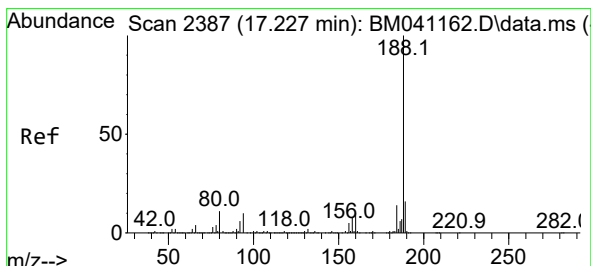
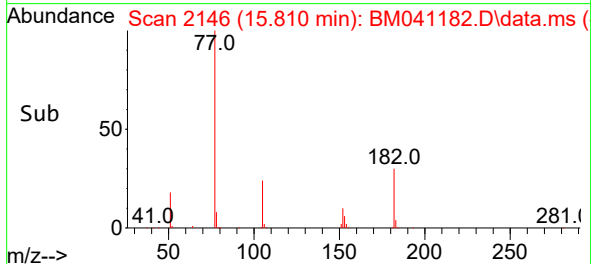
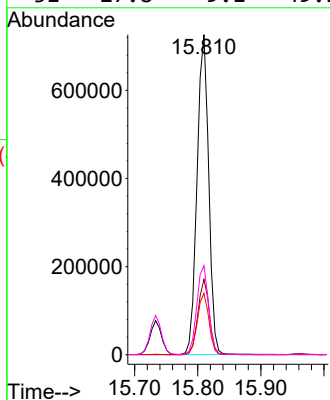
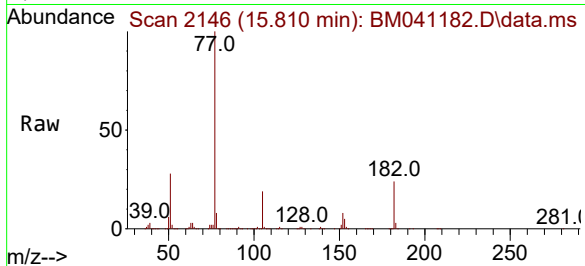




#63
Azobenzene
Concen: 39.131 ng
RT: 15.810 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

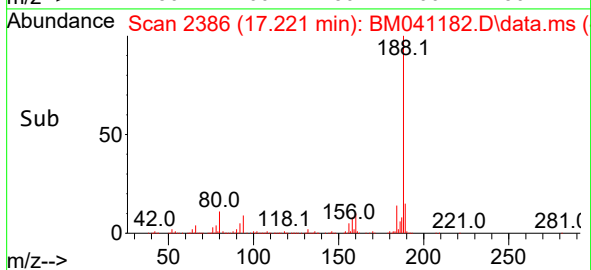
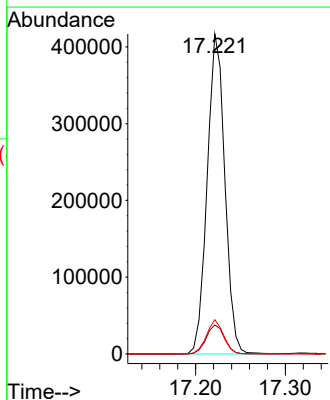
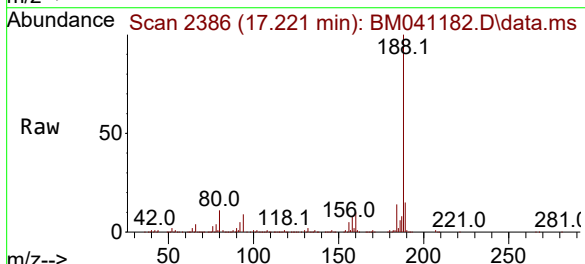
Instrument :
BNA_M
ClientSampleId :
PB154262BS

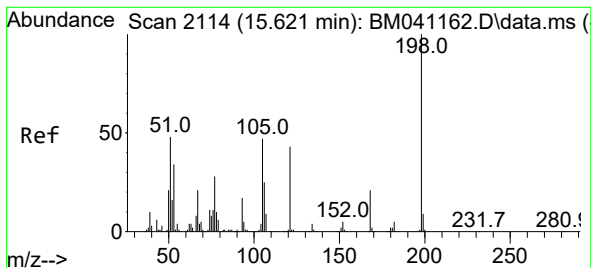
Tgt Ion: 77 Resp: 927117
Ion Ratio Lower Upper
77 100
182 23.5 1.3 41.3
105 19.1 0.0 38.5
51 27.8 9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion: 188 Resp: 569858
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 10.7 8.6 13.0

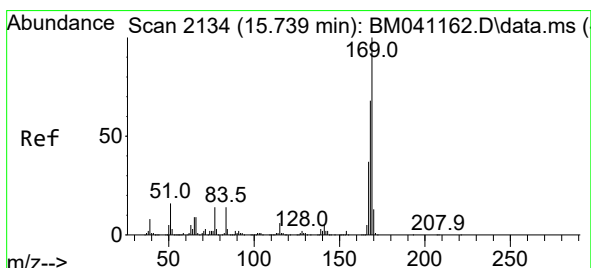
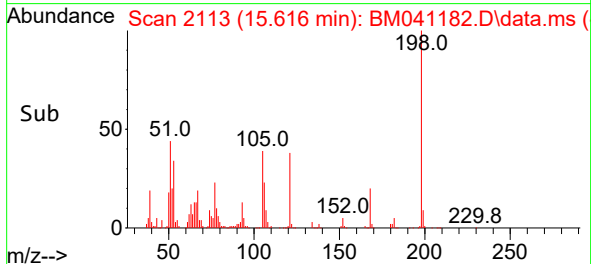
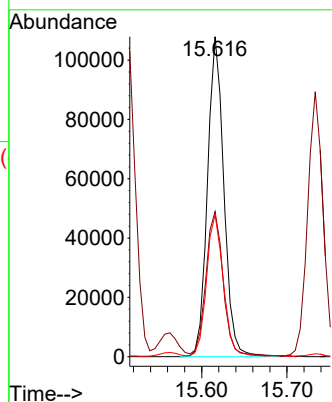
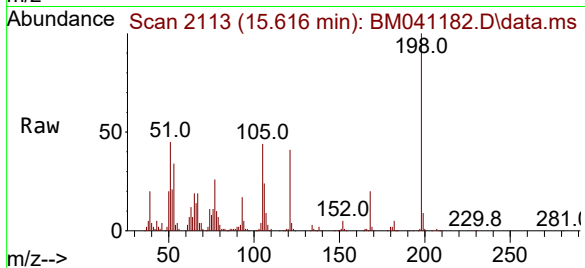




#65
4,6-Dinitro-2-methylphenol
Concen: 41.703 ng
RT: 15.616 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

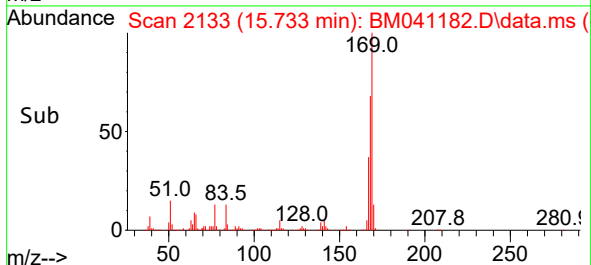
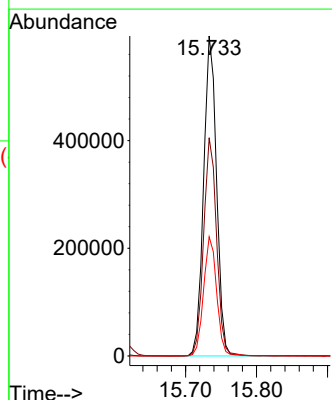
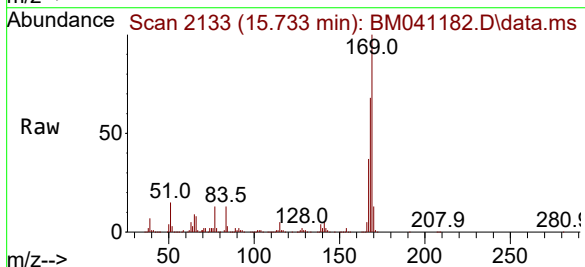
Instrument :
BNA_M
ClientSampleId :
PB154262BS

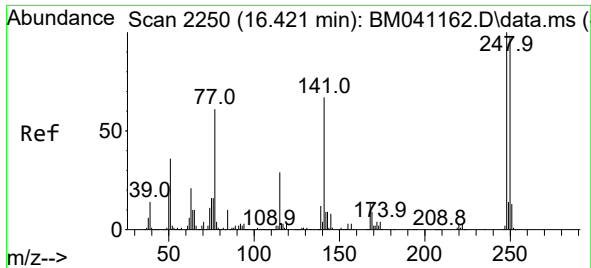
Tgt Ion:198 Resp: 143967
Ion Ratio Lower Upper
198 100
51 45.3 31.7 71.7
105 44.4 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 42.581 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:169 Resp: 754659
Ion Ratio Lower Upper
169 100
168 68.2 54.6 81.8
167 37.2 29.9 44.9

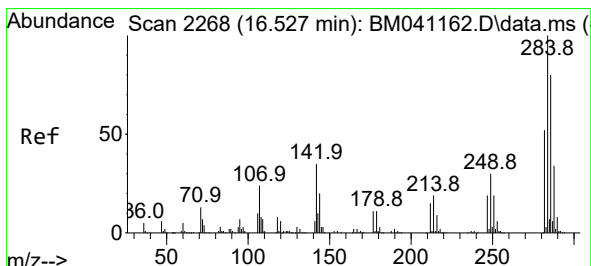
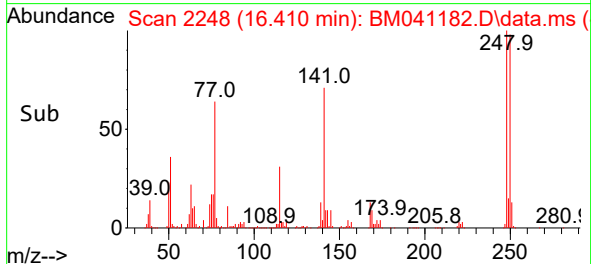
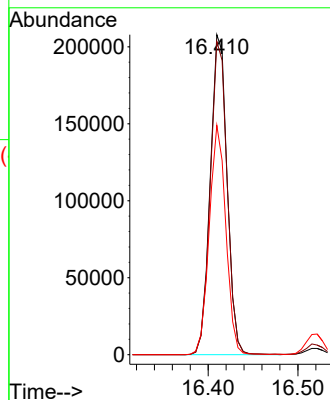
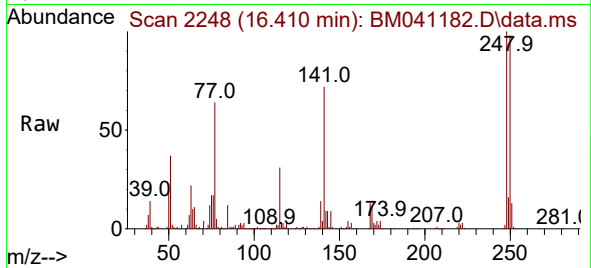




#67
4-Bromophenyl-phenylether
Concen: 43.397 ng
RT: 16.410 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

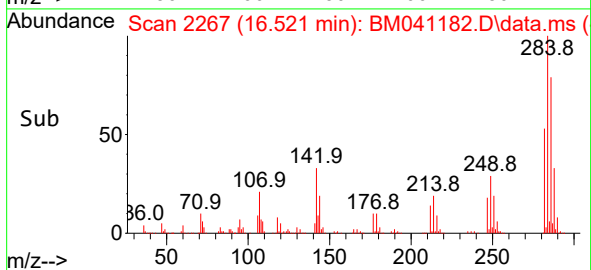
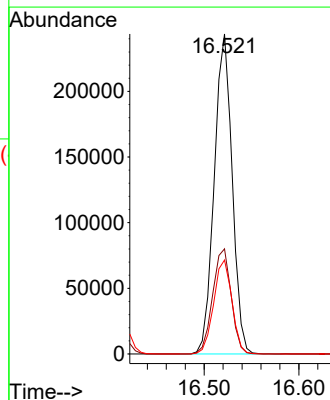
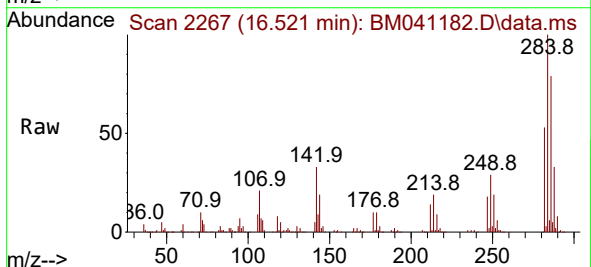
Instrument :
BNA_M
ClientSampleId :
PB154262BS

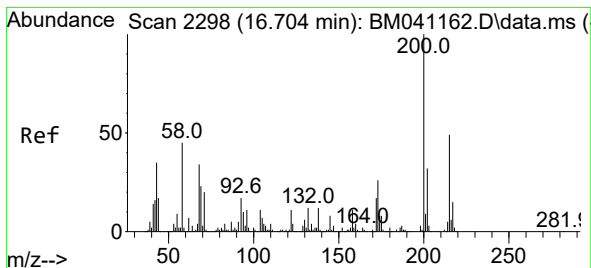
Tgt Ion:248 Resp: 271143
Ion Ratio Lower Upper
248 100
250 97.9 78.0 117.0
141 71.7 53.8 80.8



#68
Hexachlorobenzene
Concen: 46.210 ng
RT: 16.521 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:284 Resp: 321049
Ion Ratio Lower Upper
284 100
142 32.9 28.0 42.0
249 29.4 23.7 35.5





#69

Atrazine

Concen: 56.836 ng

RT: 16.698 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

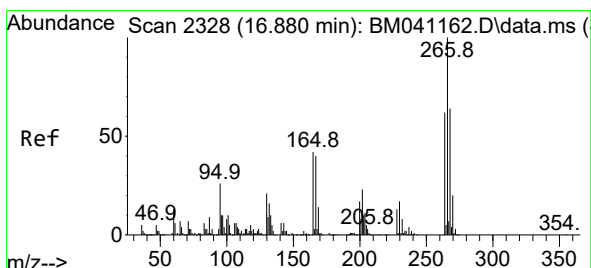
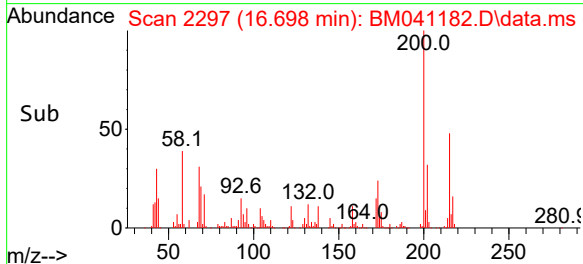
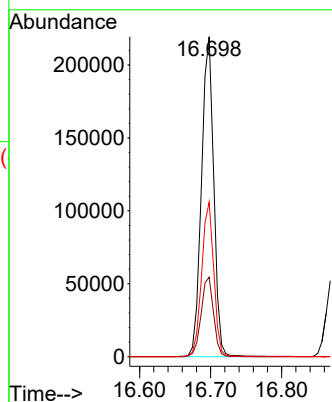
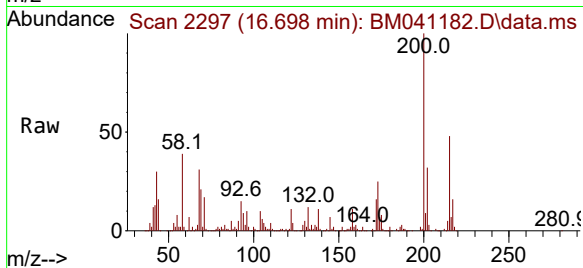
Tgt Ion:200 Resp: 264532

Ion Ratio Lower Upper

200 100

173 24.8 5.6 45.6

215 48.3 28.5 68.5



#70

Pentachlorophenol

Concen: 90.361 ng

RT: 16.874 min Scan# 2327

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

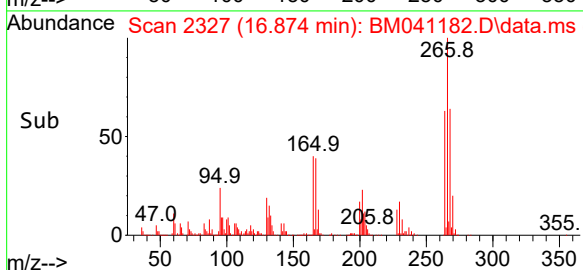
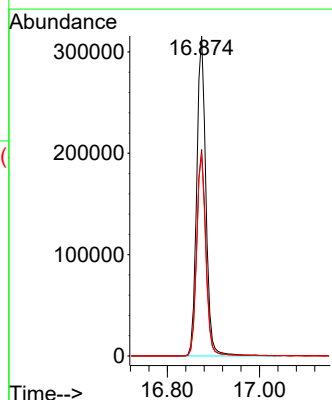
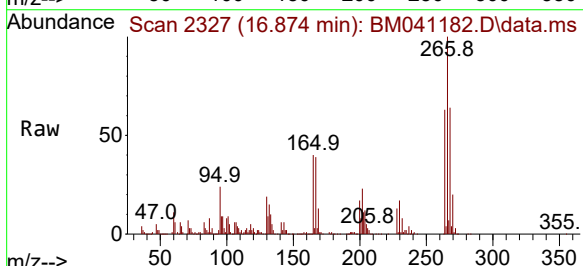
Tgt Ion:266 Resp: 434716

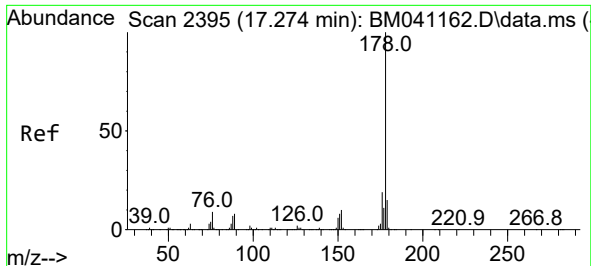
Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.6

264 63.0 49.4 74.2

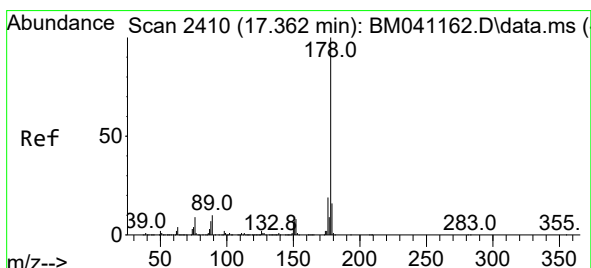
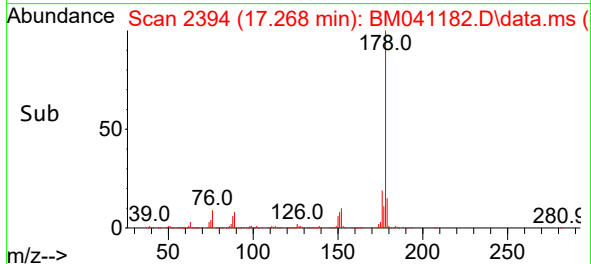
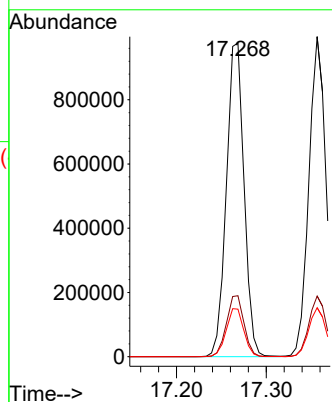
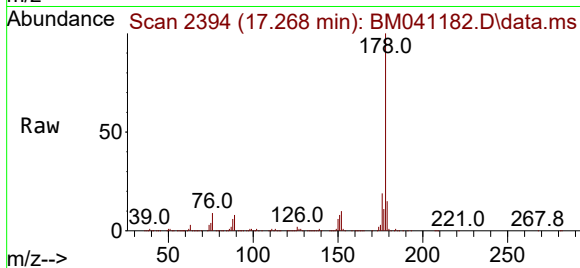




#71
Phenanthrene
Concen: 42.172 ng
RT: 17.268 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

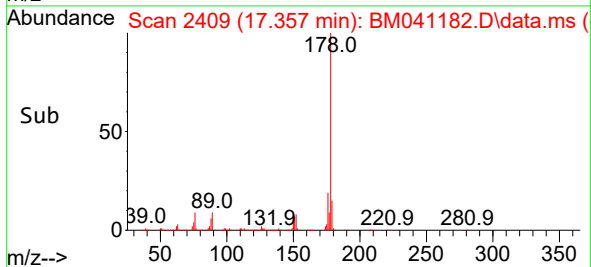
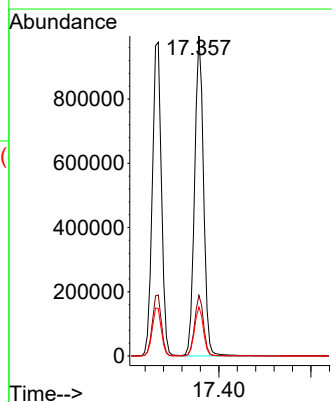
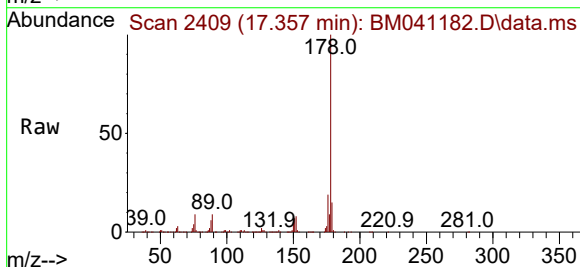
Instrument :
BNA_M
ClientSampleId :
PB154262BS

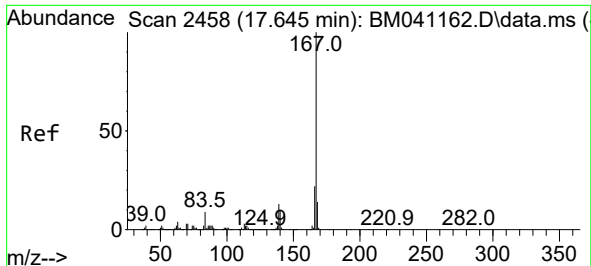
Tgt Ion:178 Resp: 1335220
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.1 12.1 18.1



#72
Anthracene
Concen: 42.670 ng
RT: 17.357 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:178 Resp: 1336161
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.3 12.4 18.6

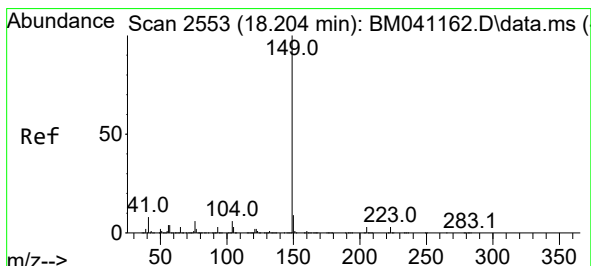
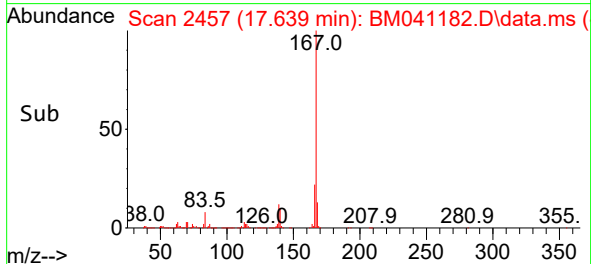
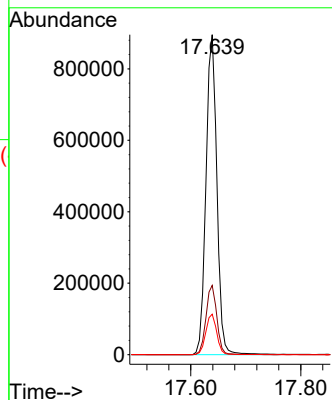
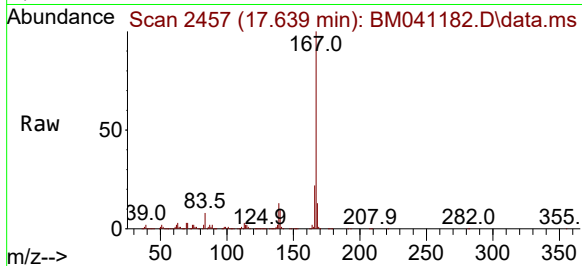




#73
 Carbazole
 Concen: 43.435 ng
 RT: 17.639 min Scan# 2458
 Delta R.T. 0.000 min
 Lab File: BM041182.D
 Acq: 31 Jul 2023 10:36

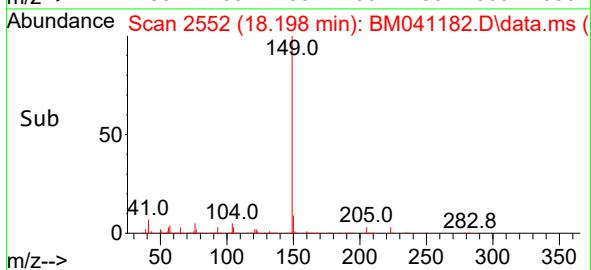
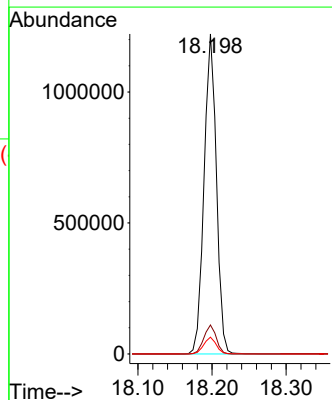
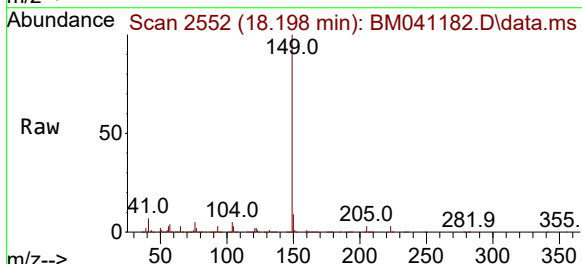
Instrument :
 BNA_M
 ClientSampleId :
 PB154262BS

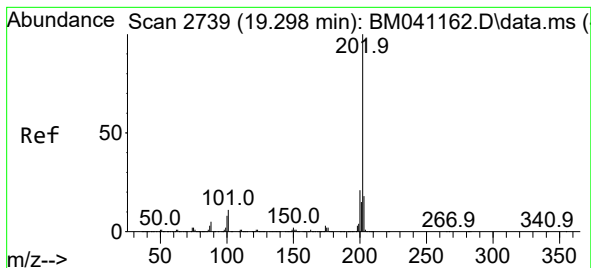
Tgt Ion:167 Resp: 1231045
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.7 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 44.069 ng
 RT: 18.198 min Scan# 2552
 Delta R.T. 0.000 min
 Lab File: BM041182.D
 Acq: 31 Jul 2023 10:36

Tgt Ion:149 Resp: 1411406
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 42.739 ng

RT: 19.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

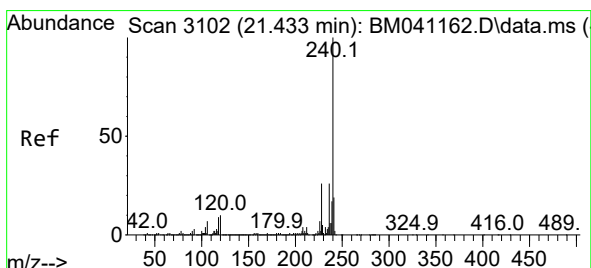
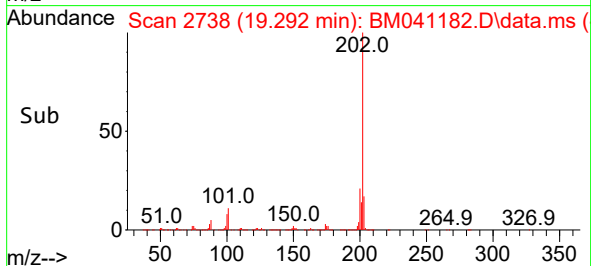
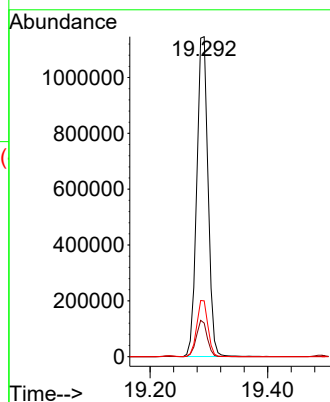
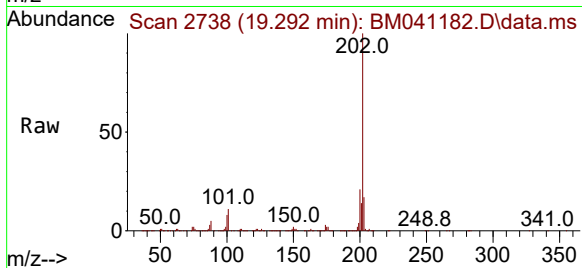
Tgt Ion:202 Resp: 1520259

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.8

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

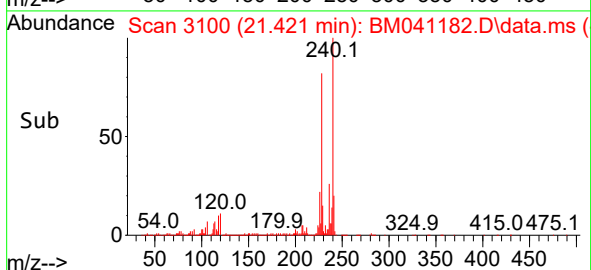
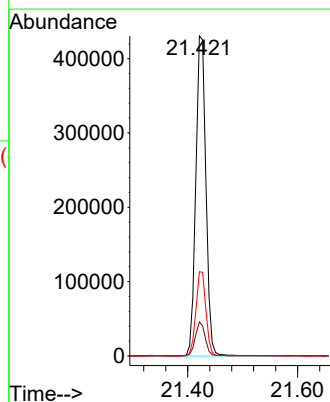
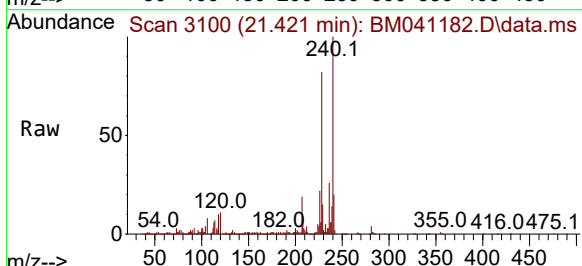
Tgt Ion:240 Resp: 550463

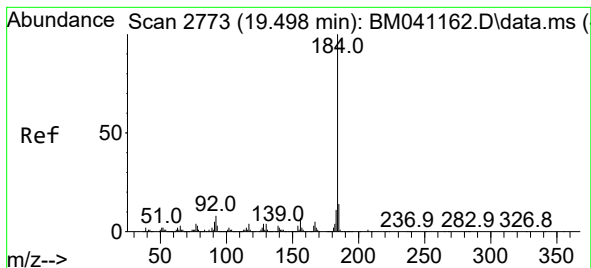
Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

236 26.3 20.6 30.8





#77

Benzidine

Concen: 116.796 ng

RT: 19.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

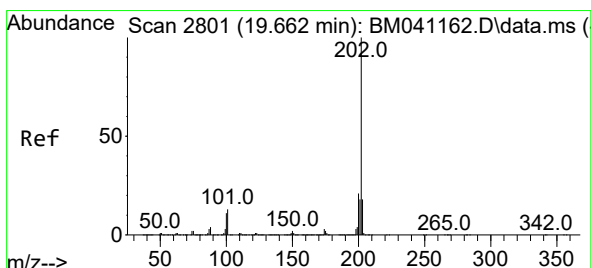
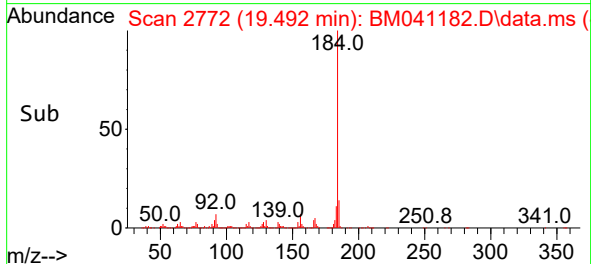
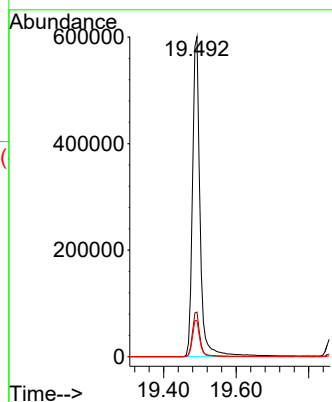
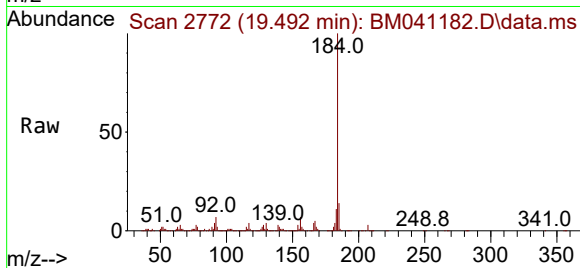
Tgt Ion:184 Resp: 876289

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.0

183 11.3 9.2 13.8



#78

Pyrene

Concen: 41.717 ng

RT: 19.657 min Scan# 2800

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

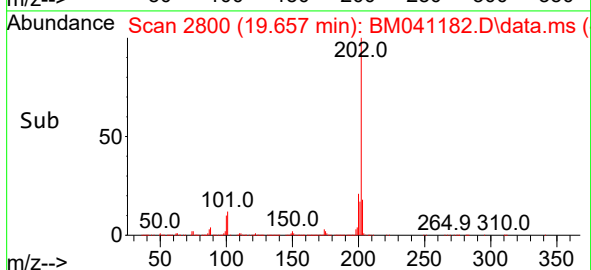
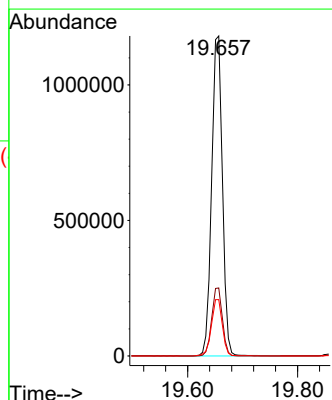
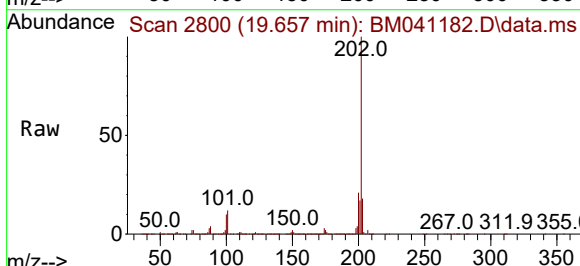
Tgt Ion:202 Resp: 1605871

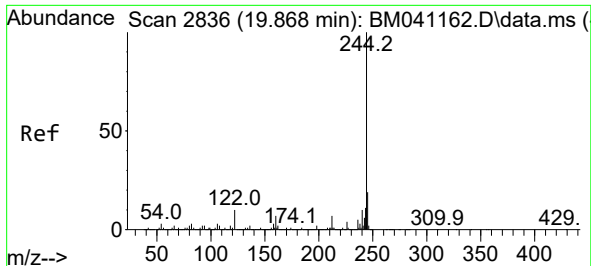
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.6 14.1 21.1

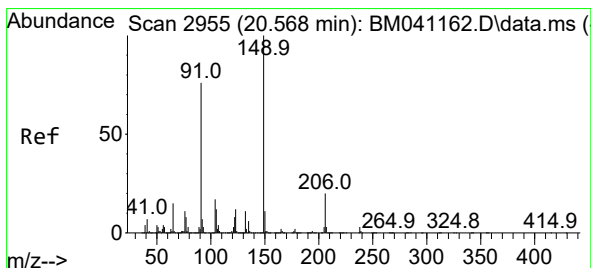
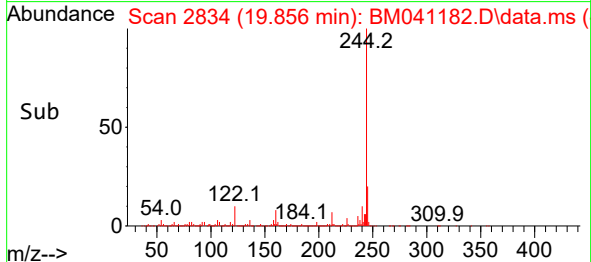
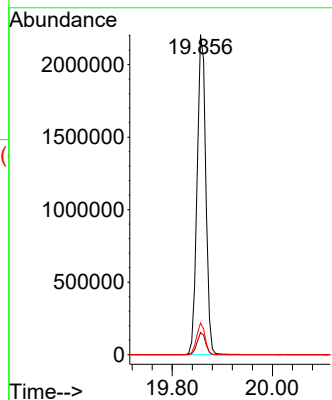
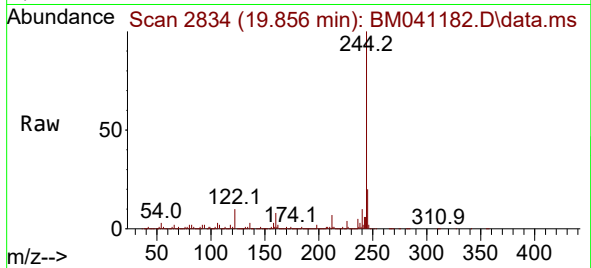




#79
 Terphenyl-d14
 Concen: 86.921 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041182.D
 Acq: 31 Jul 2023 10:36

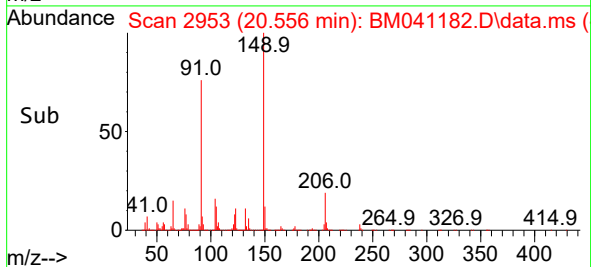
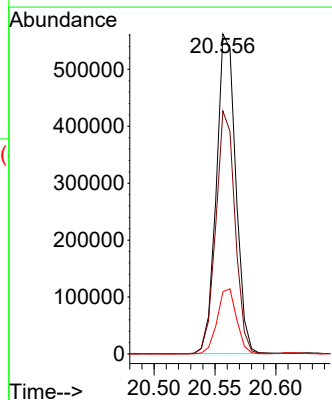
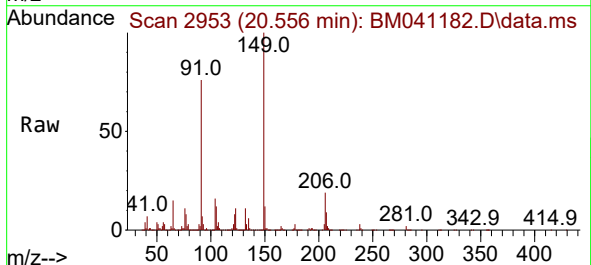
Instrument :
 BNA_M
 ClientSampleId :
 PB154262BS

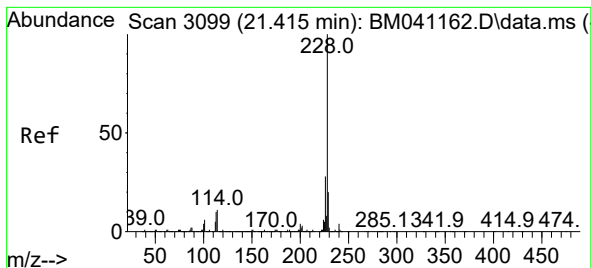
Tgt Ion:244 Resp: 2646321
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 9.9 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 44.455 ng
 RT: 20.556 min Scan# 2953
 Delta R.T. -0.006 min
 Lab File: BM041182.D
 Acq: 31 Jul 2023 10:36

Tgt Ion:149 Resp: 624925
 Ion Ratio Lower Upper
 149 100
 91 75.9 60.8 91.2
 206 19.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 44.202 ng

RT: 21.409 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

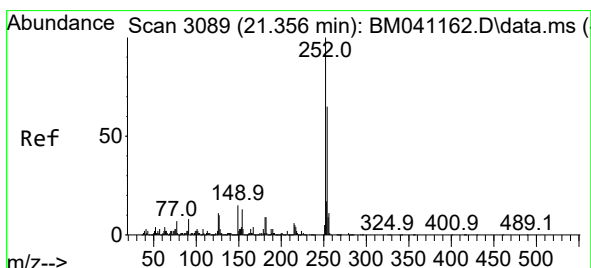
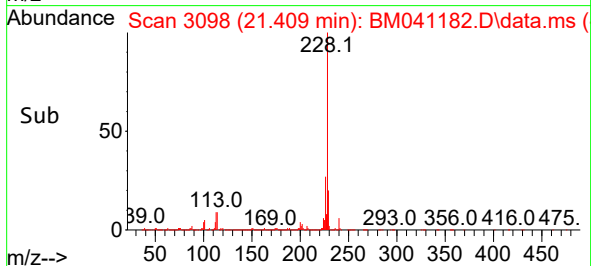
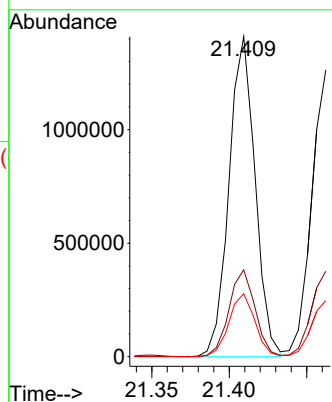
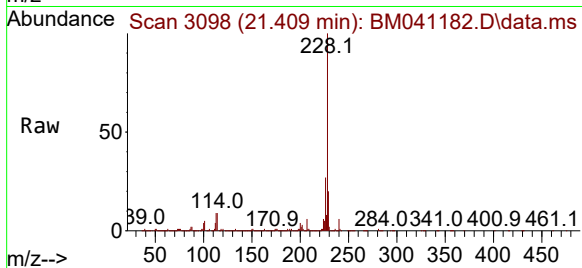
Tgt Ion:228 Resp: 1649489

Ion Ratio Lower Upper

228 100

226 27.2 22.4 33.6

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 43.706 ng

RT: 21.351 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

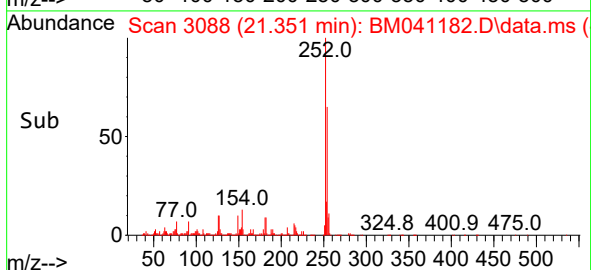
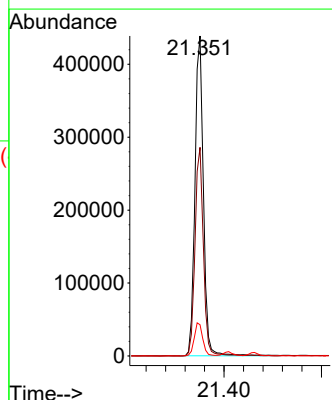
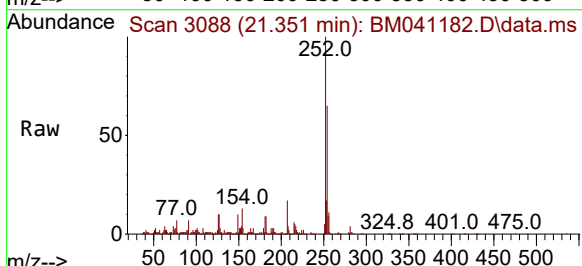
Tgt Ion:252 Resp: 532205

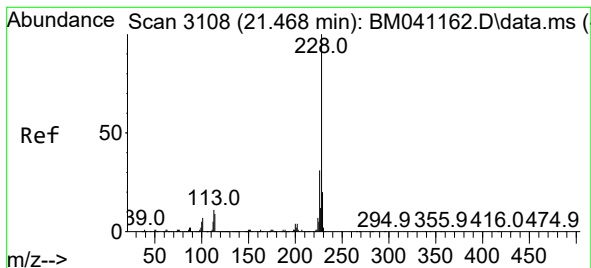
Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

126 9.7 8.6 13.0





#83

Chrysene

Concen: 41.963 ng

RT: 21.462 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

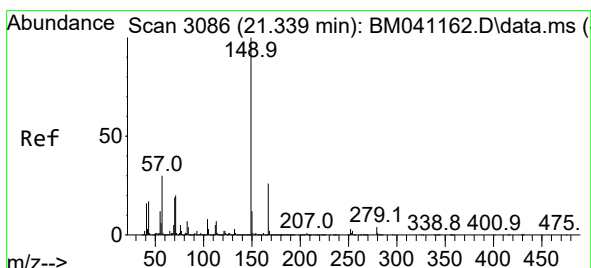
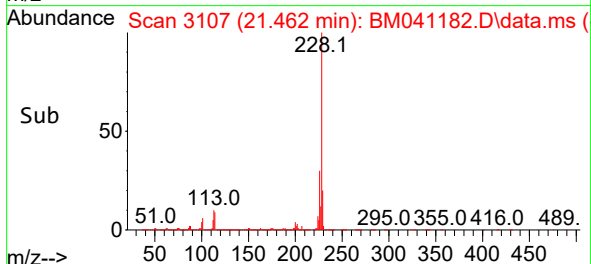
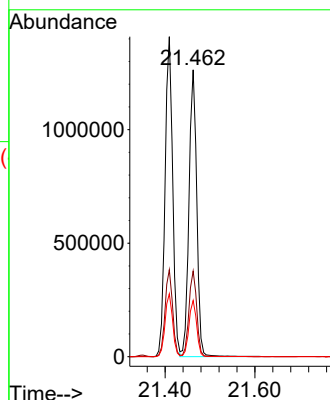
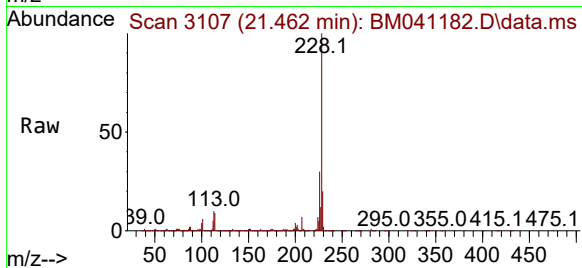
Tgt Ion:228 Resp: 1514622

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.797 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

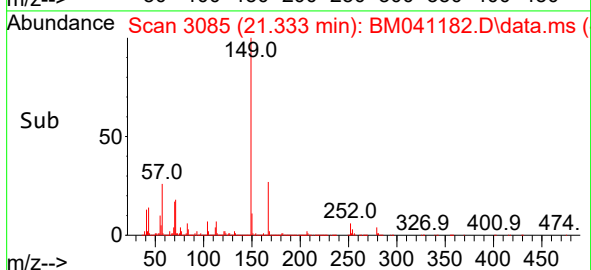
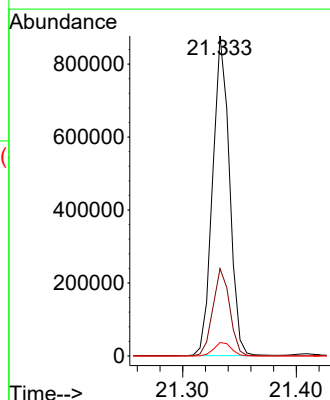
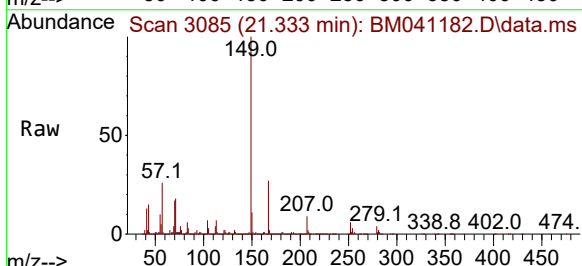
Tgt Ion:149 Resp: 901789

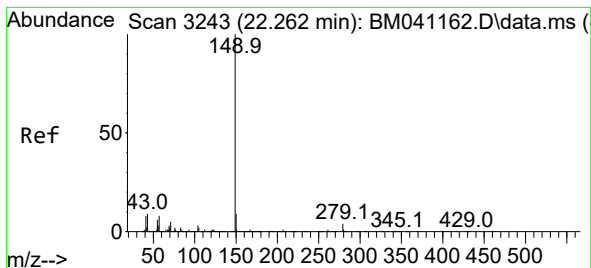
Ion Ratio Lower Upper

149 100

167 27.3 21.0 31.6

279 4.2 3.1 4.7

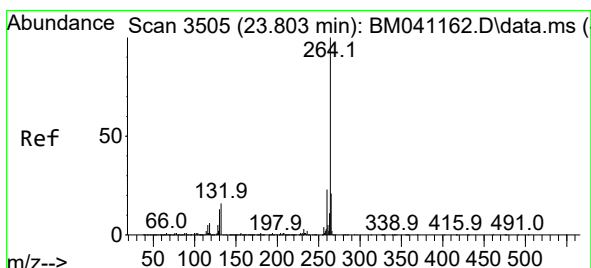
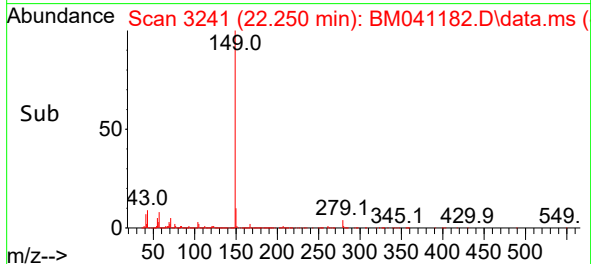
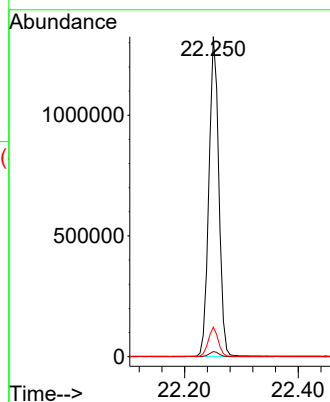
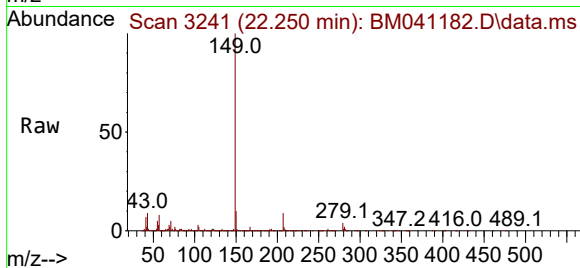




#85
Di-n-octyl phthalate
Concen: 44.825 ng
RT: 22.250 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

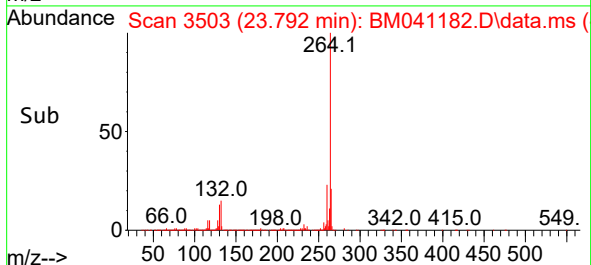
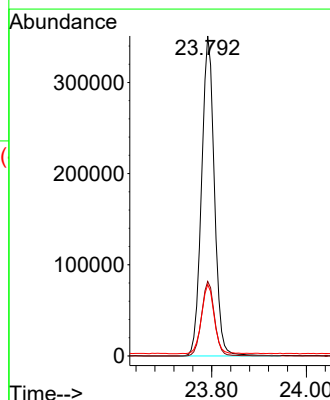
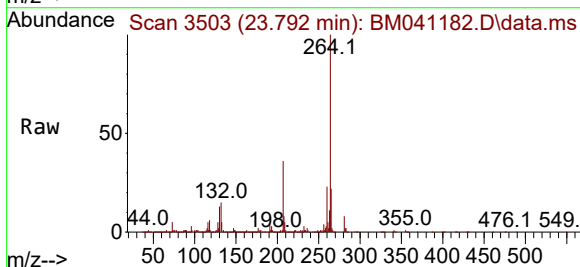
Instrument :
BNA_M
ClientSampleId :
PB154262BS

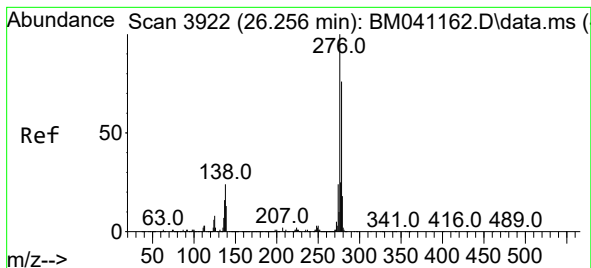
Tgt Ion:149 Resp: 1592555
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.792 min Scan# 3503
Delta R.T. -0.006 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:264 Resp: 659979
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 22.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.527 ng

RT: 26.244 min Scan# 3922

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

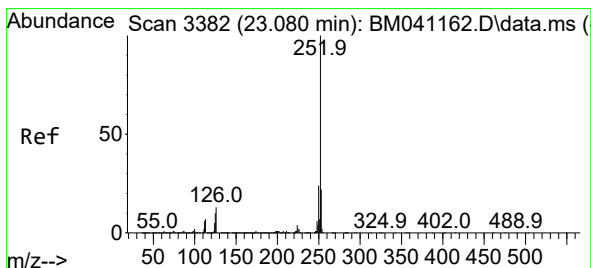
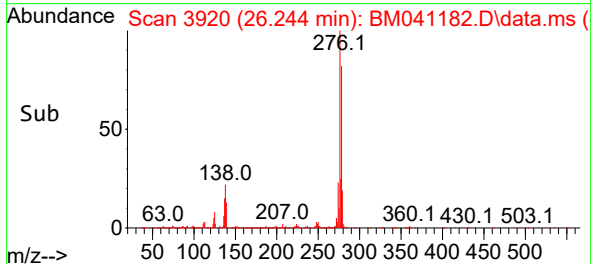
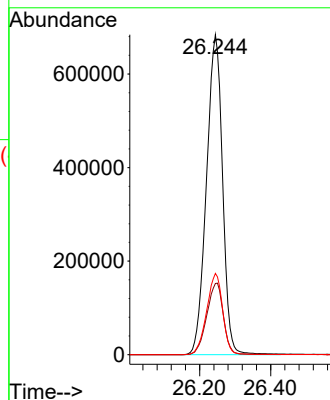
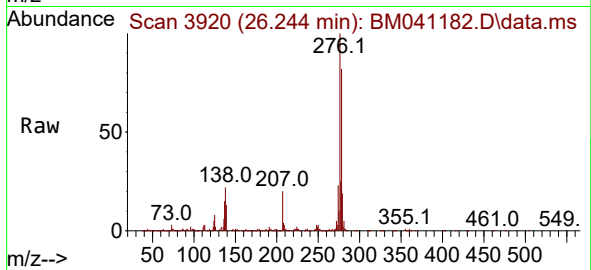
Tgt Ion:276 Resp: 2160566

Ion Ratio Lower Upper

276 100

138 23.1 20.0 30.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 45.033 ng

RT: 23.074 min Scan# 3381

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

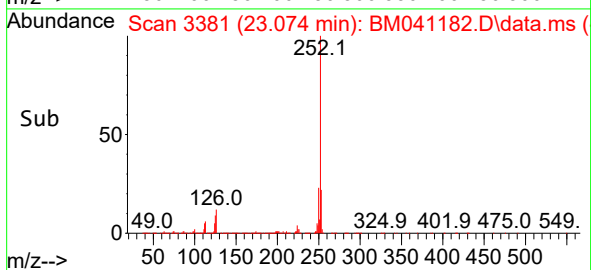
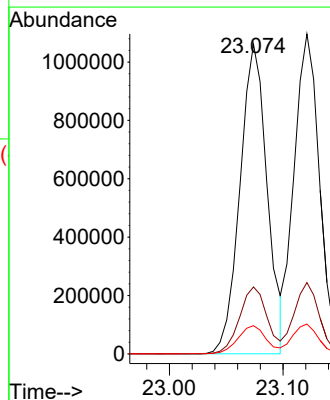
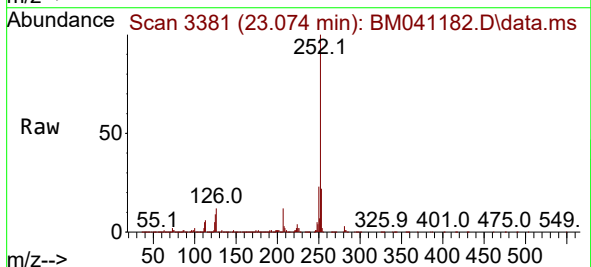
Tgt Ion:252 Resp: 1765595

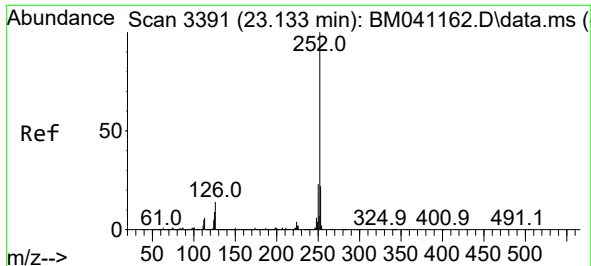
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.2 8.2 12.4

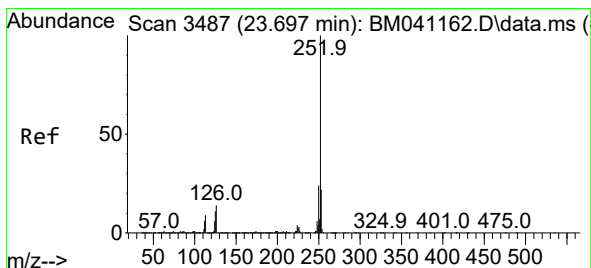
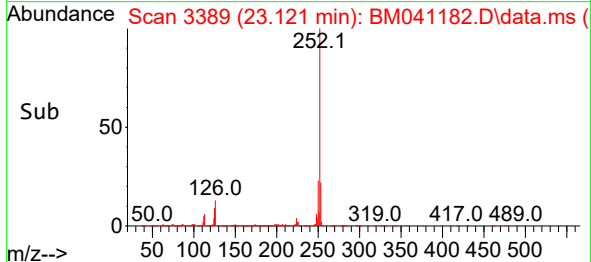
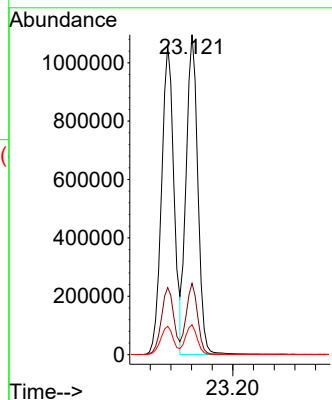
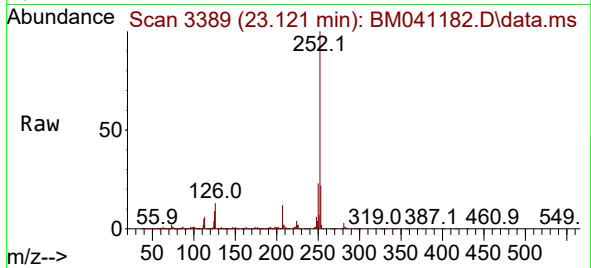




#89
Benzo(k)fluoranthene
Concen: 42.702 ng
RT: 23.121 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

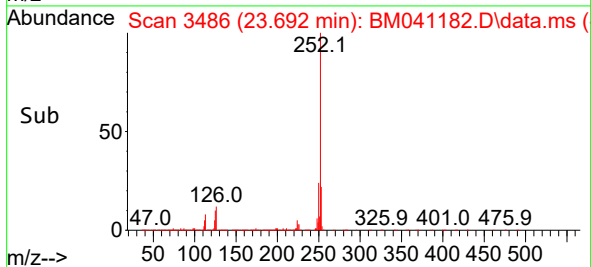
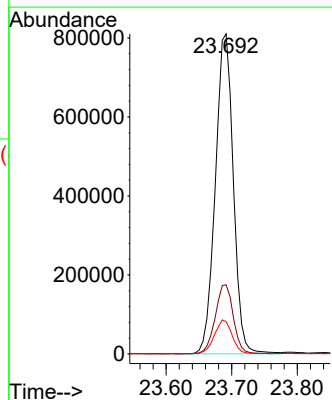
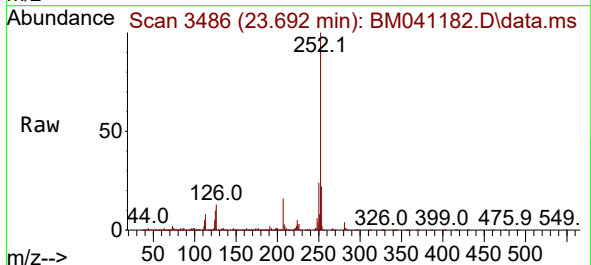
Instrument :
BNA_M
ClientSampleId :
PB154262BS

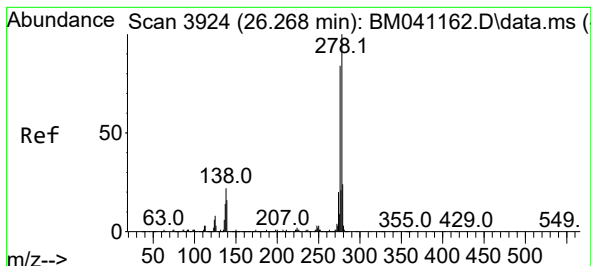
Tgt Ion:252 Resp: 1712549
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.4 7.6 11.4



#90
Benzo(a)pyrene
Concen: 40.834 ng
RT: 23.692 min Scan# 3486
Delta R.T. 0.000 min
Lab File: BM041182.D
Acq: 31 Jul 2023 10:36

Tgt Ion:252 Resp: 1538308
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 10.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 44.938 ng

RT: 26.256 min Scan# 3924

Delta R.T. 0.000 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154262BS

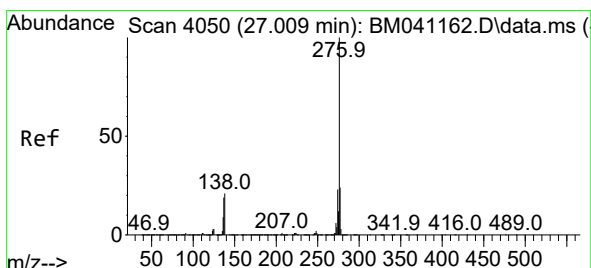
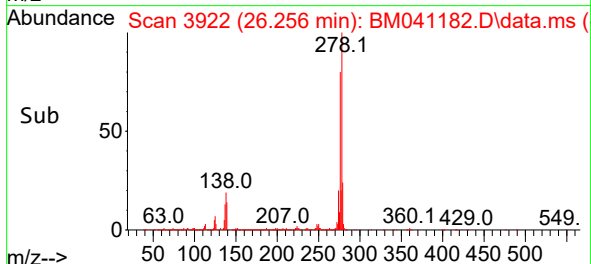
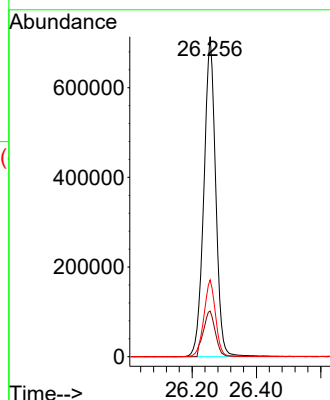
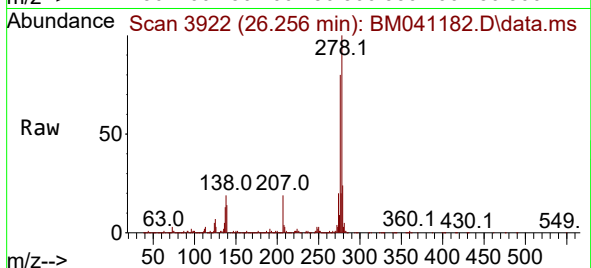
Tgt Ion:278 Resp: 1818729

Ion Ratio Lower Upper

278 100

139 14.2 12.7 19.1

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 43.363 ng

RT: 26.991 min Scan# 4047

Delta R.T. -0.006 min

Lab File: BM041182.D

Acq: 31 Jul 2023 10:36

Tgt Ion:276 Resp: 1717246

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 20.2 17.1 25.7

