

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080923\
 Data File : BM041344.D
 Acq On : 09 Aug 2023 17:53
 Operator : MA/JU
 Sample : PB154728BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154728BS

Quant Time: Aug 09 18:30:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	139960	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	584191	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	361993	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	741752	20.000	ng	0.00
76) Chrysene-d12	21.415	240	505915	20.000	ng	0.00
86) Perylene-d12	23.780	264	495625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1226253	130.947	ng	0.00
7) Phenol-d6	6.969	99	1562017	128.682	ng	0.00
23) Nitrobenzene-d5	8.963	82	1040256	82.810	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	713569	139.363	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2400668	83.776	ng	0.00
79) Terphenyl-d14	19.850	244	3221105	115.117	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	124726	31.135	ng	97
3) Pyridine	3.663	79	321008	30.476	ng	97
4) n-Nitrosodimethylamine	3.575	42	187215	38.430	ng	96
6) Aniline	7.122	93	415147	29.224	ng	99
8) 2-Chlorophenol	7.345	128	465245	50.891	ng	98
9) Benzaldehyde	6.934	77	228211	35.630	ng	98
10) Phenol	6.998	94	575389	49.078	ng	97
11) bis(2-Chloroethyl)ether	7.216	93	444485	46.837	ng	98
12) 1,3-Dichlorobenzene	7.663	146	485864	48.824	ng	99
13) 1,4-Dichlorobenzene	7.816	146	499792	49.968	ng	98
14) 1,2-Dichlorobenzene	8.128	146	485838	50.659	ng	99
15) Benzyl Alcohol	8.039	79	428329	55.876	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	574588	45.442	ng	96
17) 2-Methylphenol	8.245	107	394538	49.258	ng	99
18) Hexachloroethane	8.845	117	192270	51.634	ng	92
19) n-Nitroso-di-n-propyla...	8.604	70	386238	52.386	ng	97
20) 3+4-Methylphenols	8.581	107	527746	49.279	ng	97
22) Acetophenone	8.622	105	696759	45.034	ng	# 100
24) Nitrobenzene	9.004	77	551392	43.404	ng	98
25) Isophorone	9.528	82	1035688	48.569	ng	99
26) 2-Nitrophenol	9.710	139	254484	51.244	ng	95
27) 2,4-Dimethylphenol	9.775	122	402863	46.100	ng	97
28) bis(2-Chloroethoxy)met...	10.010	93	611098	45.749	ng	99
29) 2,4-Dichlorophenol	10.245	162	454884	51.617	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	487035	50.021	ng	99
31) Naphthalene	10.639	128	1424462	44.934	ng	99
32) Benzoic acid	9.975	122	311193	47.501	ng	95
33) 4-Chloroaniline	10.775	127	103453	8.166	ng	99
34) Hexachlorobutadiene	10.904	225	309506	52.854	ng	99
35) Caprolactam	11.604	113	133643	52.423	ng	94
36) 4-Chloro-3-methylphenol	11.910	107	477152	51.442	ng	99
37) 2-Methylnaphthalene	12.257	142	990916	46.364	ng	98
38) 1-Methylnaphthalene	12.480	142	952155	47.599	ng	100
40) 1,2,4,5-Tetrachloroben...	12.627	216	555124	47.227	ng	98
41) Hexachlorocyclopentadiene	12.592	237	629539	101.235	ng	100
43) 2,4,6-Trichlorophenol	12.880	196	378949	50.300	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080923\
 Data File : BM041344.D
 Acq On : 09 Aug 2023 17:53
 Operator : MA/JU
 Sample : PB154728BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154728BS

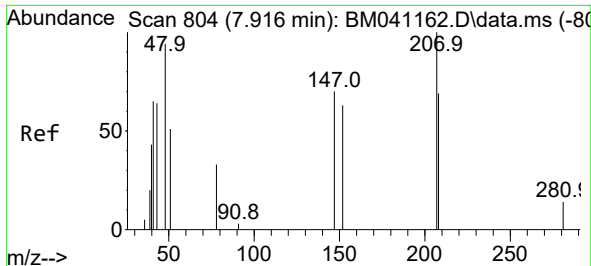
Quant Time: Aug 09 18:30:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	407759	46.762	ng	98
46) 1,1'-Biphenyl	13.280	154	1308170	44.577	ng	99
47) 2-Chloronaphthalene	13.322	162	1015414	46.340	ng	98
48) 2-Nitroaniline	13.551	65	308833	44.155	ng	98
49) Acenaphthylene	14.169	152	1640001	46.370	ng	100
50) Dimethylphthalate	13.921	163	1290501	47.393	ng	99
51) 2,6-Dinitrotoluene	14.051	165	279788	49.590	ng	98
52) Acenaphthene	14.516	154	943552	44.285	ng	98
53) 3-Nitroaniline	14.386	138	168314	26.973	ng	94
54) 2,4-Dinitrophenol	14.604	184	343809	89.491	ng	91
55) Dibenzofuran	14.851	168	1546179	44.478	ng	98
56) 4-Nitrophenol	14.710	139	369736	78.631	ng	96
57) 2,4-Dinitrotoluene	14.845	165	379306	47.128	ng	95
58) Fluorene	15.504	166	1244434	45.378	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	358573	50.782	ng	97
60) Diethylphthalate	15.286	149	1284468	48.779	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	664383	48.346	ng	98
62) 4-Nitroaniline	15.557	138	221077	37.712	ng	95
63) Azobenzene	15.792	77	1303097	45.177	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	222510	49.518	ng	91
66) n-Nitrosodiphenylamine	15.721	169	1046186	45.350	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	398699	49.024	ng	100
68) Hexachlorobenzene	16.504	284	458681	50.721	ng	99
69) Atrazine	16.686	200	385906	63.699	ng	99
70) Pentachlorophenol	16.862	266	523590	83.613	ng	99
71) Phenanthrene	17.251	178	1851708	44.931	ng	99
72) Anthracene	17.345	178	1840957	45.166	ng	100
73) Carbazole	17.627	167	1592144	43.158	ng	100
74) Di-n-butylphthalate	18.186	149	2142639	51.397	ng	100
75) Fluoranthene	19.280	202	1967165	42.486	ng	98
77) Benzidine	19.480	184	437601	63.461	ng	99
78) Pyrene	19.645	202	1998422	56.486	ng	100
80) Butylbenzylphthalate	20.550	149	778800	60.279	ng	95
81) Benzo(a)anthracene	21.397	228	1648273	48.059	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	408734	36.522	ng	99
83) Chrysene	21.450	228	1503232	45.314	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	1077231	52.265	ng #	97
85) Di-n-octyl phthalate	22.233	149	1674333	51.277	ng	97
87) Indeno(1,2,3-cd)pyrene	26.232	276	1736581	47.657	ng	96
88) Benzo(b)fluoranthene	23.062	252	1460507	49.604	ng	98
89) Benzo(k)fluoranthene	23.109	252	1402590	46.570	ng	99
90) Benzo(a)pyrene	23.680	252	1258991	44.502	ng	98
91) Dibenzo(a,h)anthracene	26.244	278	1466051	48.236	ng	97
92) Benzo(g,h,i)perylene	26.991	276	1349885	45.390	ng	97

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

Quant Time: Aug 09 18:30:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 12:20:12 2023
Response via : Initial Calibration

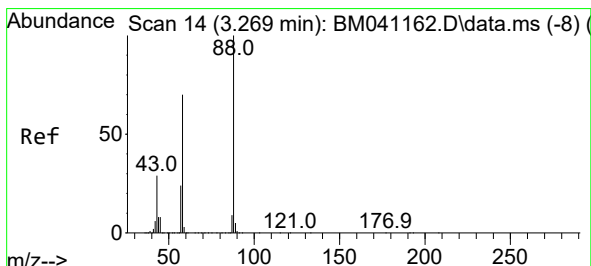
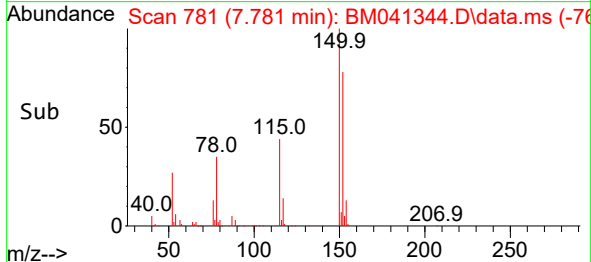
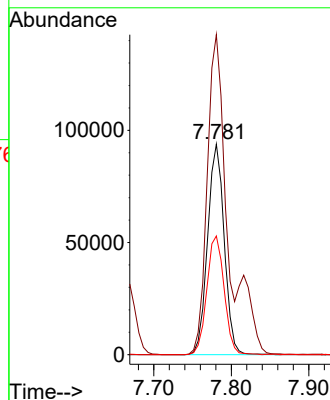
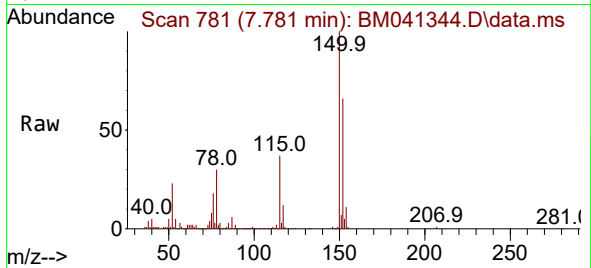




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

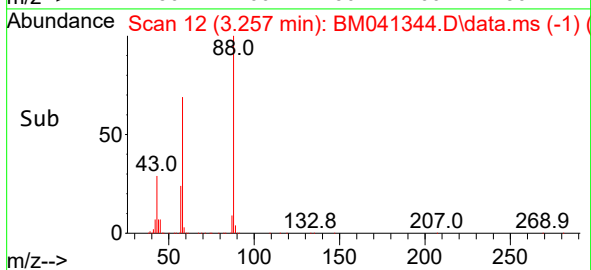
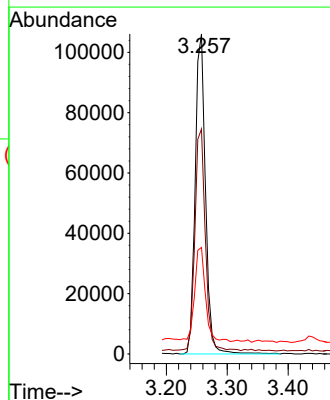
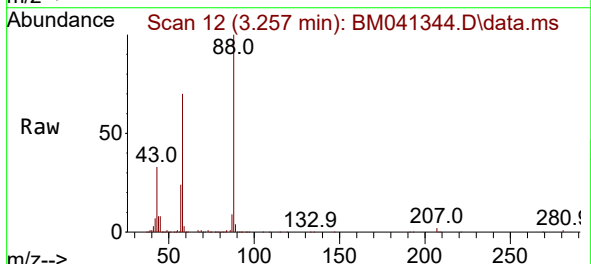
Instrument :
BNA_M
ClientSampleId :
PB154728BS

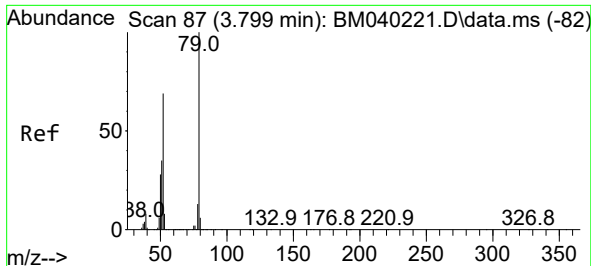
Tgt Ion:152 Resp: 139960
Ion Ratio Lower Upper
152 100
150 152.0 125.5 188.3
115 56.4 48.0 72.0



#2
1,4-Dioxane
Concen: 31.135 ng
RT: 3.257 min Scan# 12
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion: 88 Resp: 124726
Ion Ratio Lower Upper
88 100
58 69.8 58.2 87.4
43 30.1 24.4 36.6

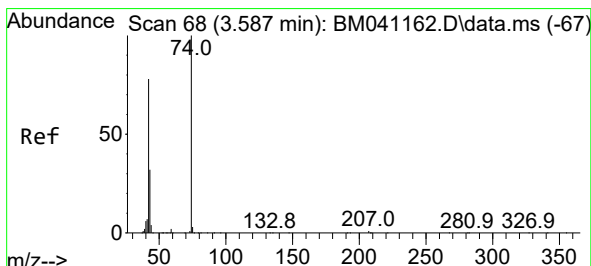
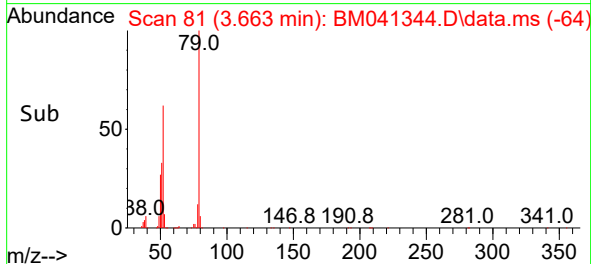
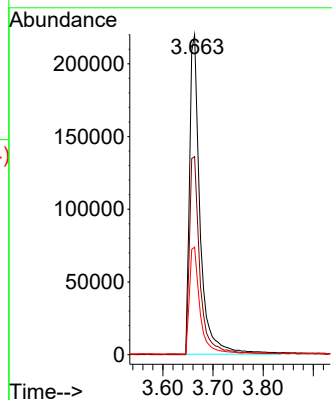
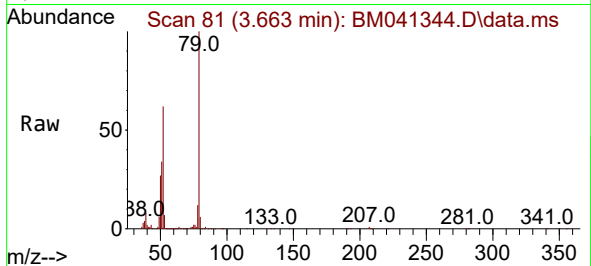




#3
Pyridine
Concen: 30.476 ng
RT: 3.663 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

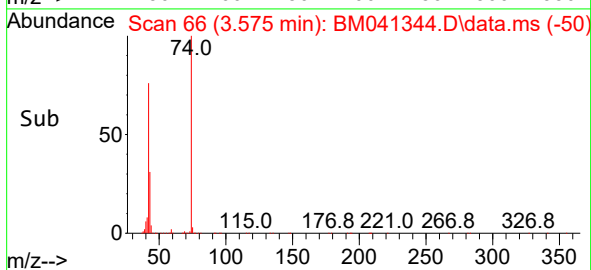
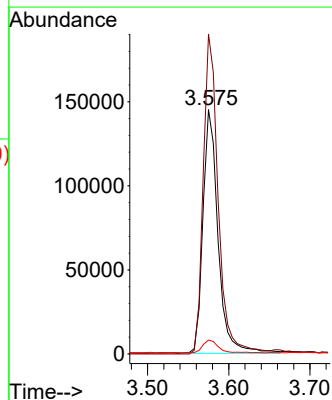
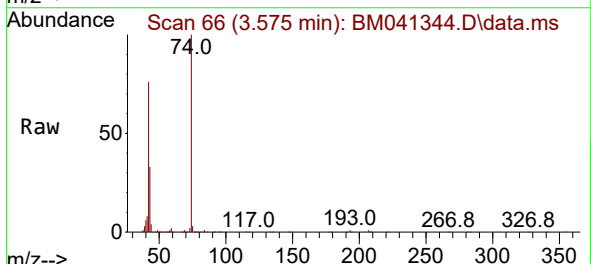
Instrument :
BNA_M
ClientSampleId :
PB154728BS

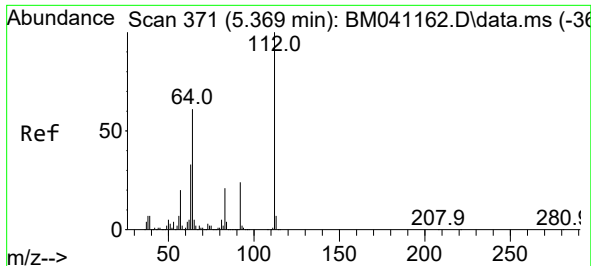
Tgt Ion: 79 Resp: 321008
Ion Ratio Lower Upper
79 100
52 61.9 52.1 78.1
51 33.6 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 38.430 ng
RT: 3.575 min Scan# 66
Delta R.T. -0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion: 42 Resp: 187215
Ion Ratio Lower Upper
42 100
74 131.0 100.8 151.2
44 5.7 5.0 7.4

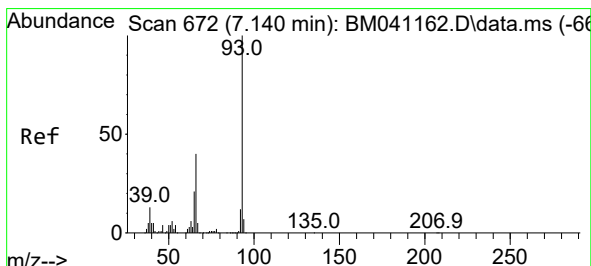
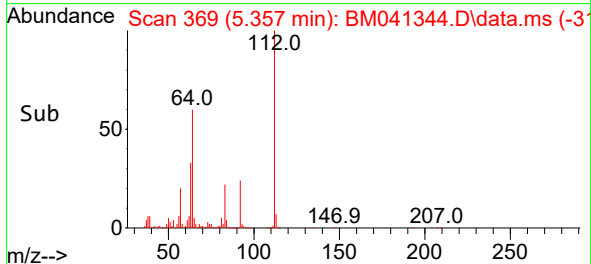
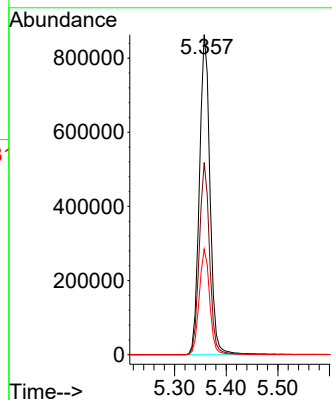
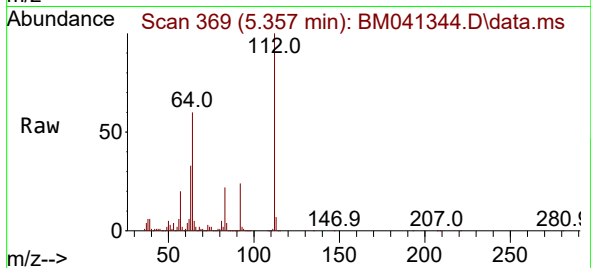




#5
2-Fluorophenol
Concen: 130.947 ng
RT: 5.357 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

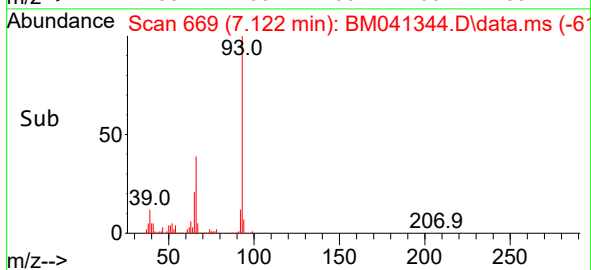
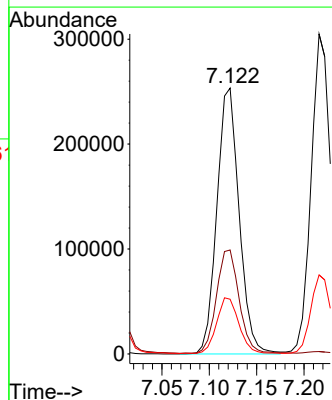
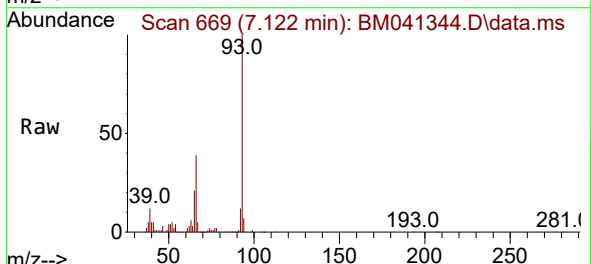
Instrument :
BNA_M
ClientSampleId :
PB154728BS

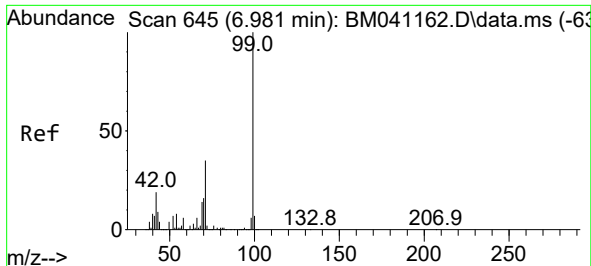
Tgt Ion:112 Resp: 1226253
Ion Ratio Lower Upper
112 100
64 60.0 48.5 72.7
63 33.1 26.5 39.7



#6
Aniline
Concen: 29.224 ng
RT: 7.122 min Scan# 669
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion: 93 Resp: 415147
Ion Ratio Lower Upper
93 100
66 39.1 32.0 48.0
65 20.6 16.6 24.8

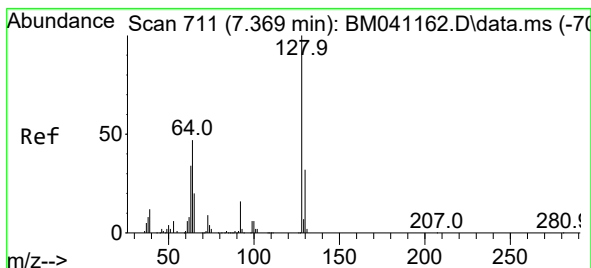
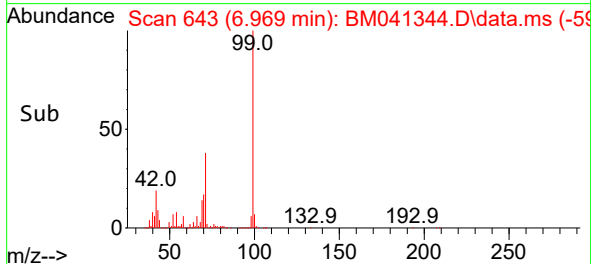
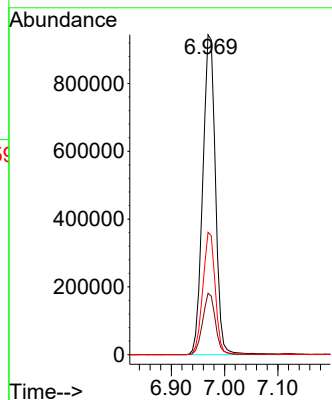
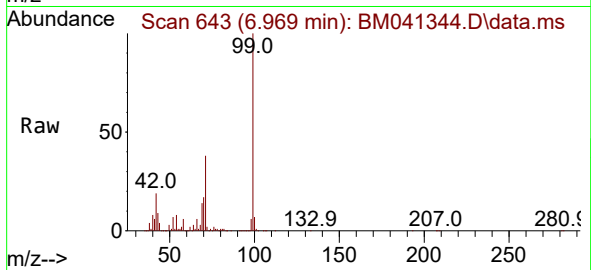




#7
Phenol-d6
Concen: 128.682 ng
RT: 6.969 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

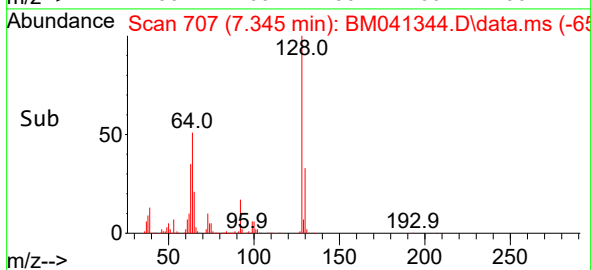
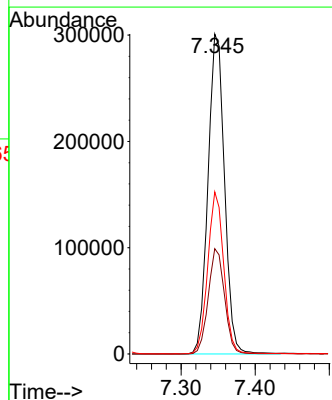
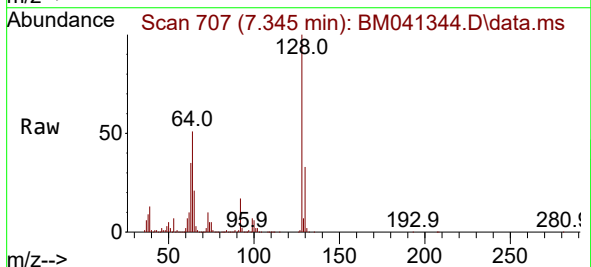
Instrument :
BNA_M
ClientSampleId :
PB154728BS

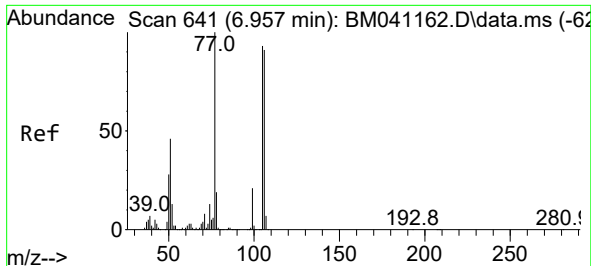
Tgt Ion: 99 Resp: 1562017
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.0
71 38.2 28.2 42.4



#8
2-Chlorophenol
Concen: 50.891 ng
RT: 7.345 min Scan# 707
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion: 128 Resp: 465245
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 50.7 29.3 69.3

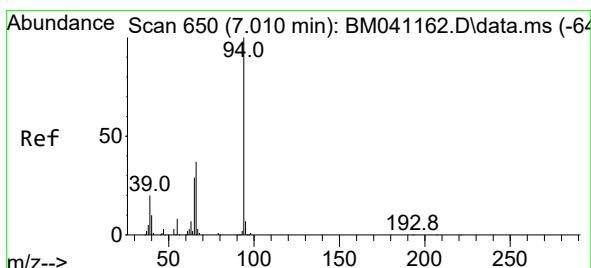
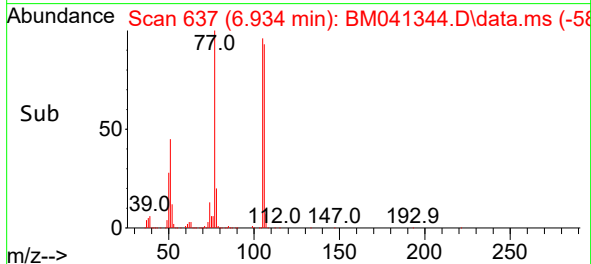
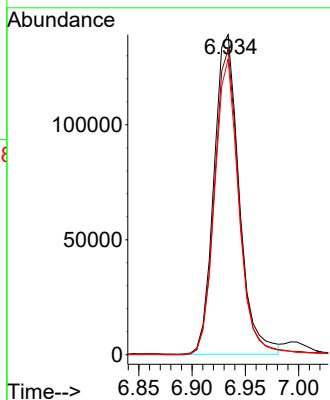
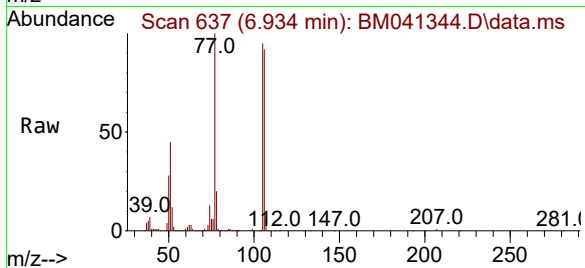




#9
Benzaldehyde
Concen: 35.630 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

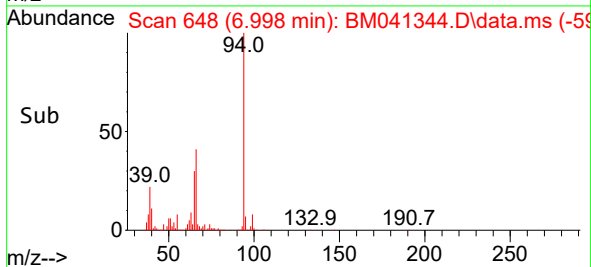
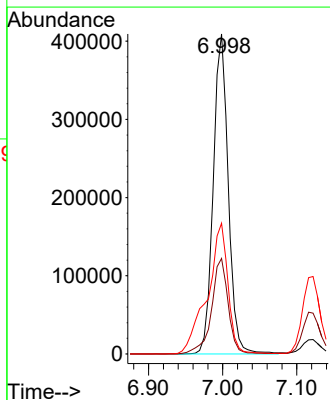
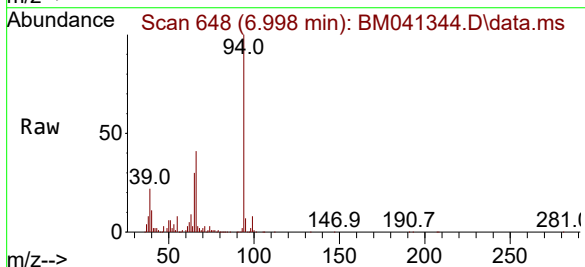
Instrument :
BNA_M
ClientSampleId :
PB154728BS

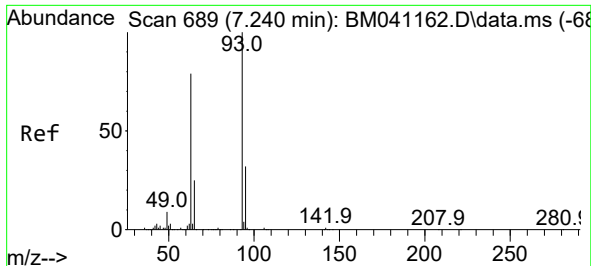
Tgt Ion: 77 Resp: 228211
Ion Ratio Lower Upper
77 100
105 95.4 72.8 112.8
106 92.4 70.8 110.8



#10
Phenol
Concen: 49.078 ng
RT: 6.998 min Scan# 648
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion: 94 Resp: 575389
Ion Ratio Lower Upper
94 100
65 29.8 9.5 49.5
66 40.8 18.0 58.0

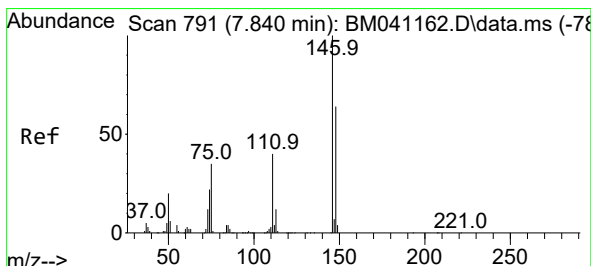
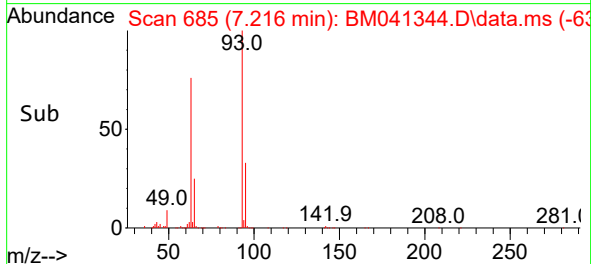
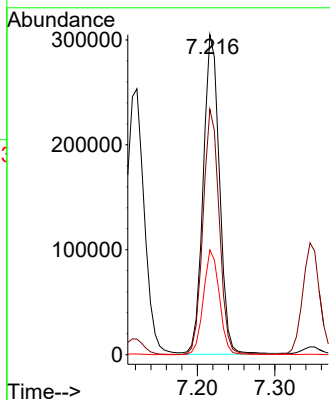
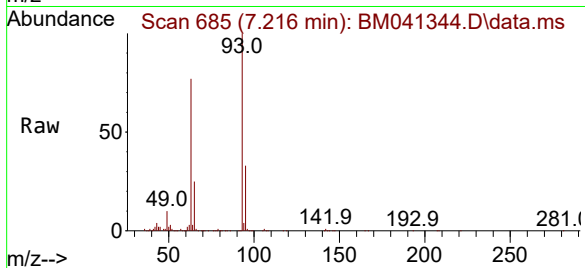




#11
bis(2-Chloroethyl)ether
Concen: 46.837 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

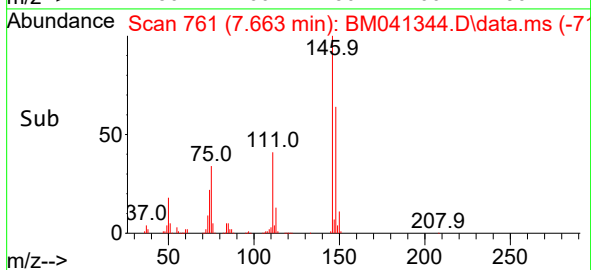
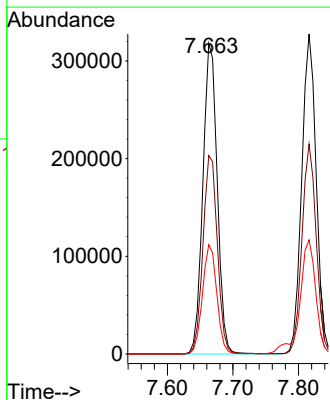
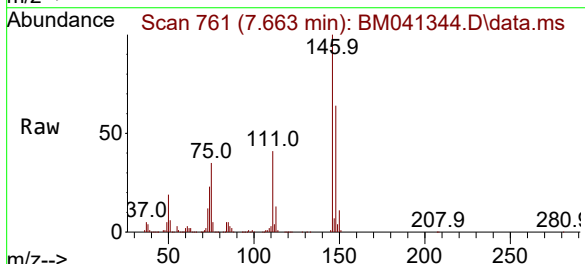
Instrument :
BNA_M
ClientSampleId :
PB154728BS

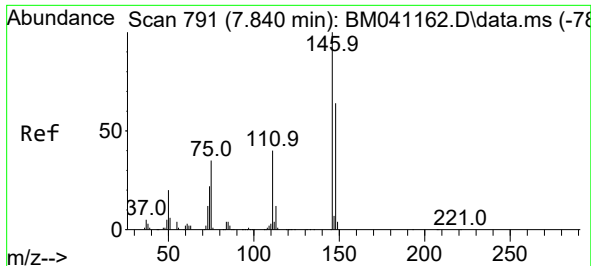
Tgt Ion: 93 Resp: 444485
Ion Ratio Lower Upper
93 100
63 76.7 58.8 98.8
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 48.824 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion: 146 Resp: 485864
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 35.2 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 49.968 ng

RT: 7.816 min Scan# 71

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Instrument :

BNA_M

ClientSampleId :

PB154728BS

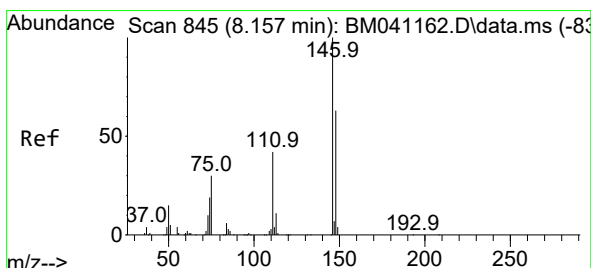
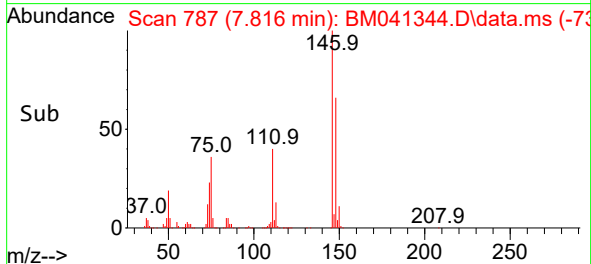
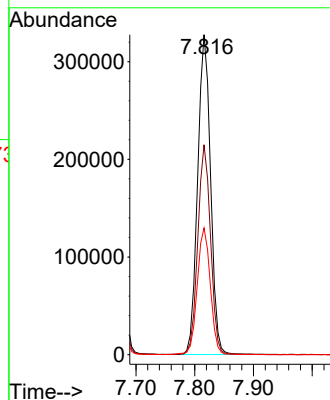
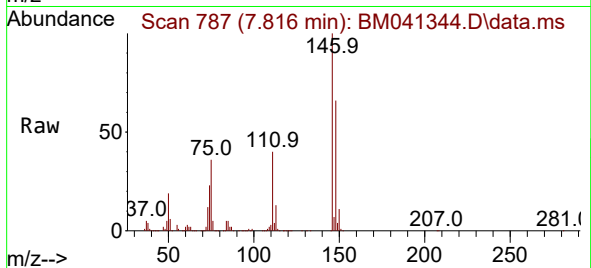
Tgt Ion:146 Resp: 499792

Ion Ratio Lower Upper

146 100

148 65.6 51.4 77.0

111 39.6 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 50.659 ng

RT: 8.128 min Scan# 840

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

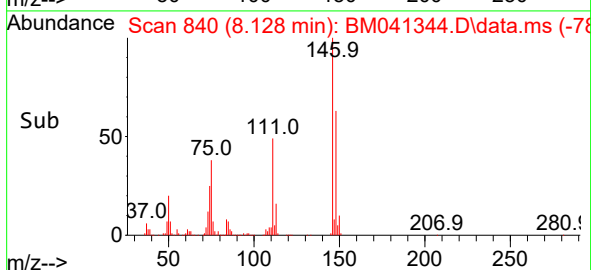
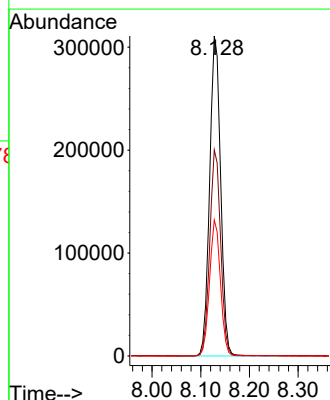
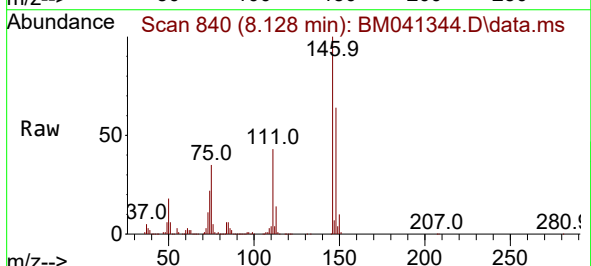
Tgt Ion:146 Resp: 485838

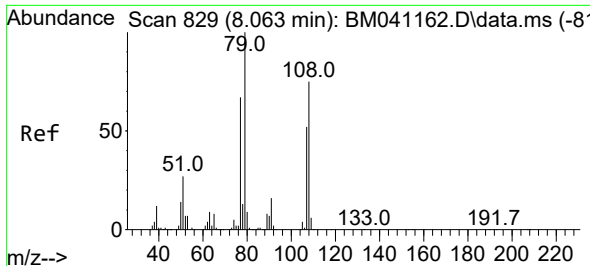
Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

111 42.5 33.8 50.6

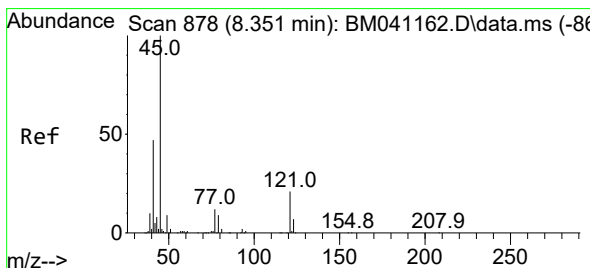
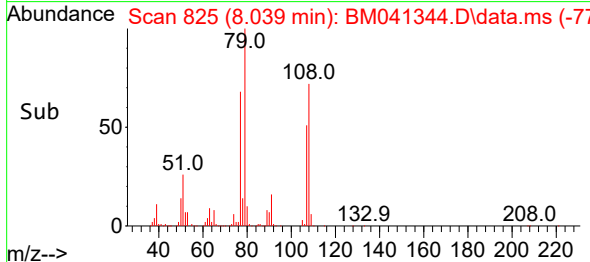
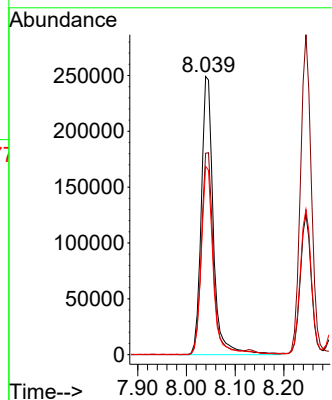
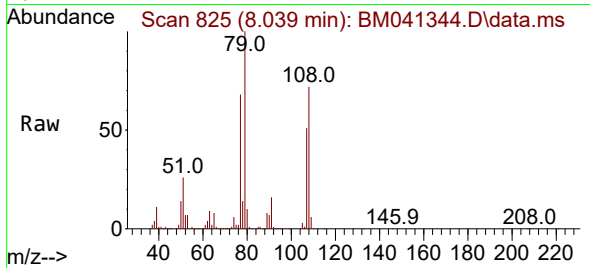




#15
Benzyl Alcohol
Concen: 55.876 ng
RT: 8.039 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

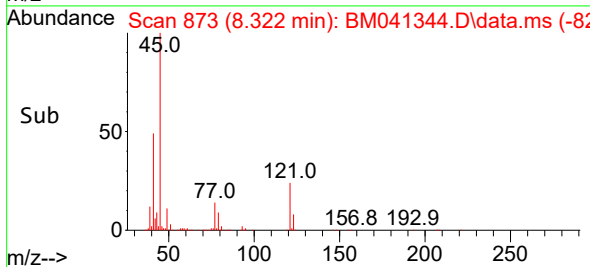
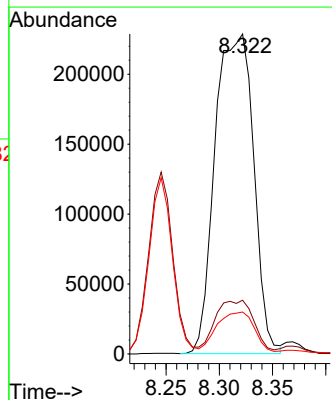
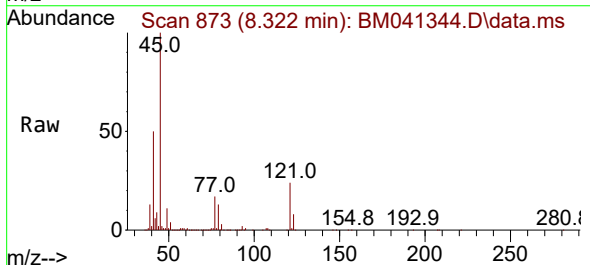
Instrument :
BNA_M
ClientSampleId :
PB154728BS

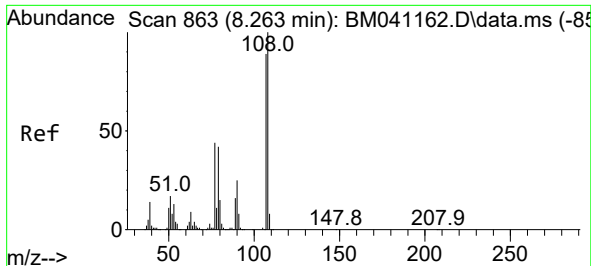
Tgt Ion: 79 Resp: 428329
Ion Ratio Lower Upper
79 100
108 72.4 59.8 89.8
77 67.6 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.442 ng
RT: 8.322 min Scan# 873
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion: 45 Resp: 574588
Ion Ratio Lower Upper
45 100
77 16.8 0.0 34.5
79 13.1 0.0 32.1

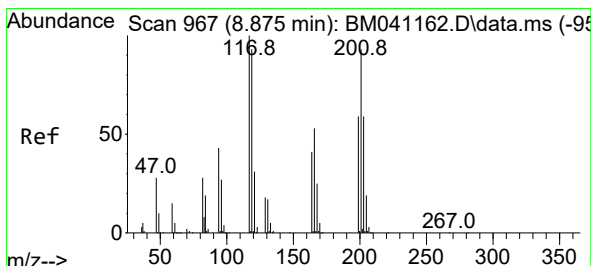
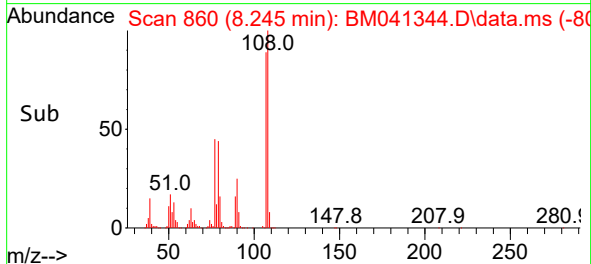
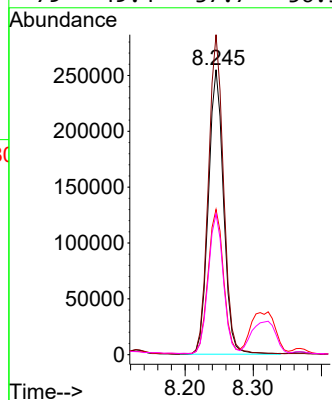
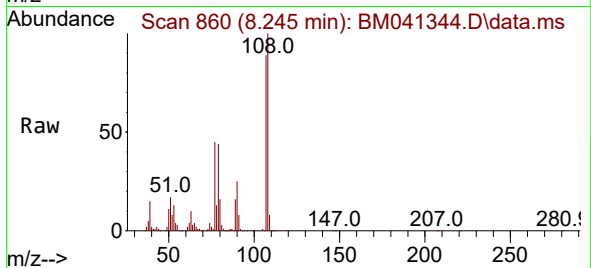




#17
2-Methylphenol
Concen: 49.258 ng
RT: 8.245 min Scan# 860
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

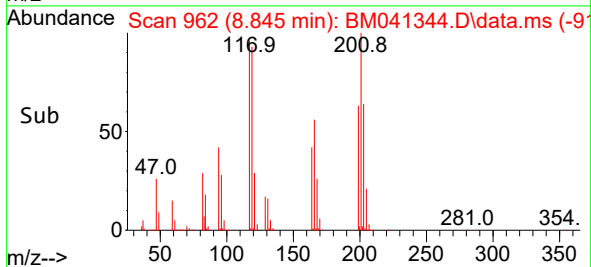
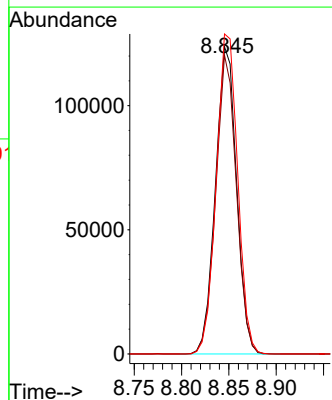
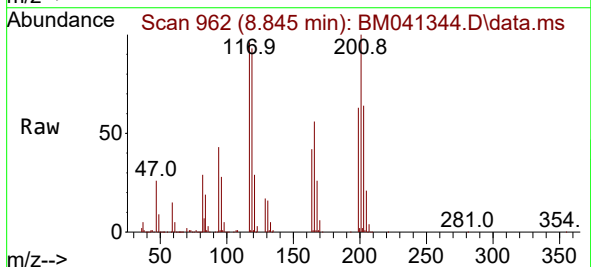
Instrument :
BNA_M
ClientSampleId :
PB154728BS

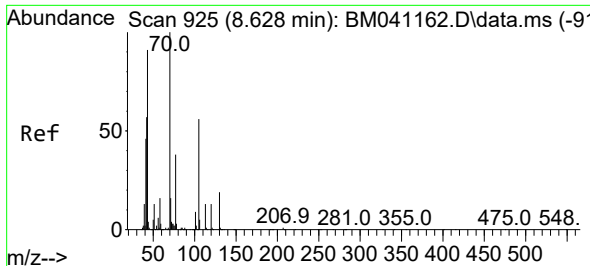
Tgt Ion:107 Resp: 394538
Ion Ratio Lower Upper
107 100
108 112.3 89.9 134.9
77 51.0 39.8 59.8
79 49.4 37.7 56.5



#18
Hexachloroethane
Concen: 51.634 ng
RT: 8.845 min Scan# 962
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:117 Resp: 192270
Ion Ratio Lower Upper
117 100
119 97.3 74.2 111.4
201 104.2 74.5 111.7

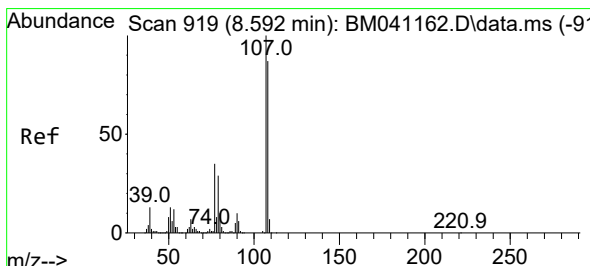
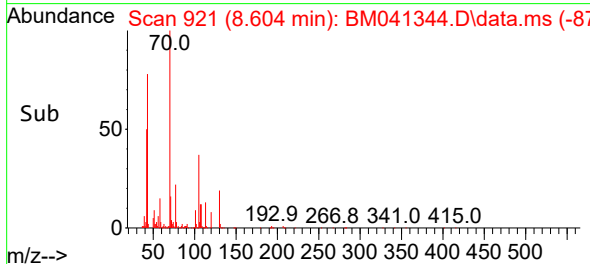
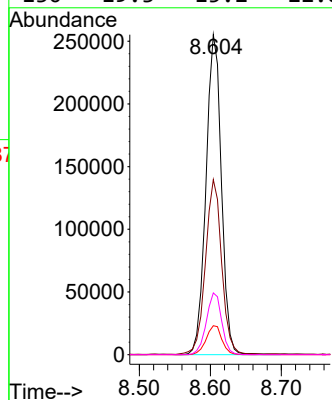
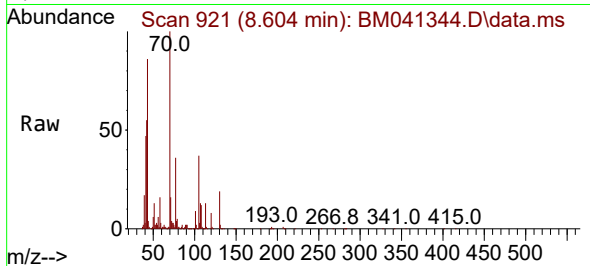




#19
n-Nitroso-di-n-propylamine
Concen: 52.386 ng
RT: 8.604 min Scan# 917
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

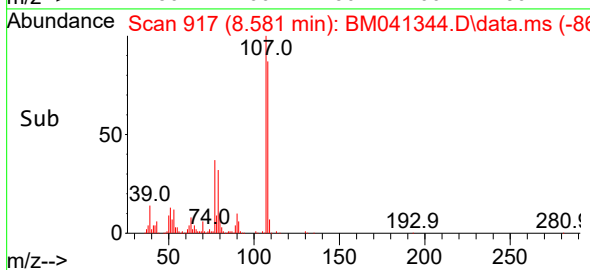
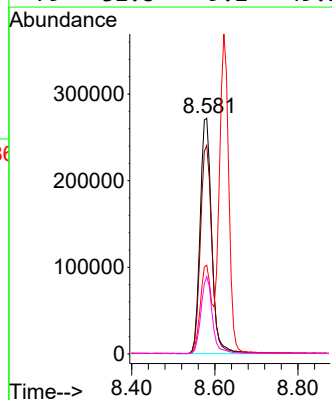
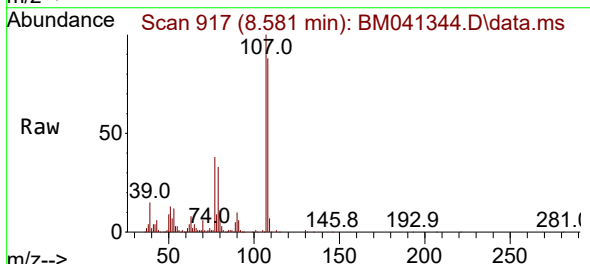
Instrument :
BNA_M
ClientSampleId :
PB154728BS

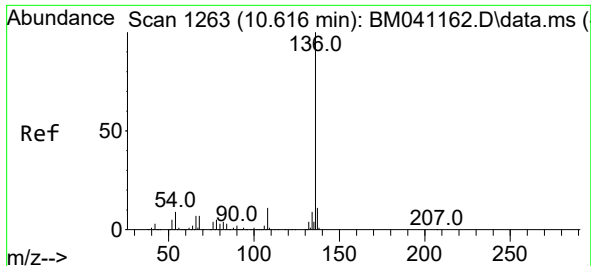
Tgt Ion: 70 Resp: 386238
Ion Ratio Lower Upper
70 100
42 54.7 45.8 68.8
101 9.1 7.4 11.0
130 19.3 15.2 22.8



#20
3+4-Methylphenols
Concen: 49.279 ng
RT: 8.581 min Scan# 917
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion: 107 Resp: 527746
Ion Ratio Lower Upper
107 100
108 88.4 67.2 107.2
77 37.7 15.4 55.4
79 32.8 9.2 49.2

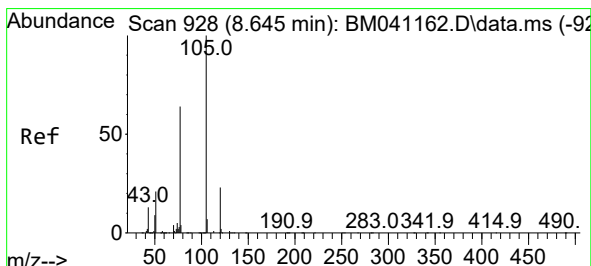
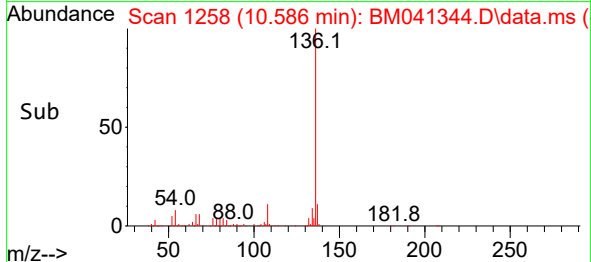
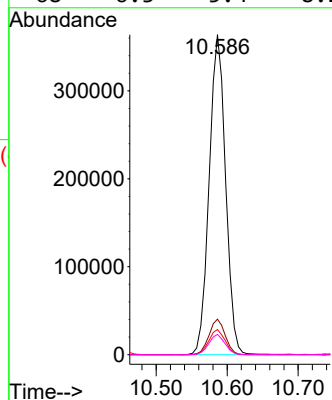
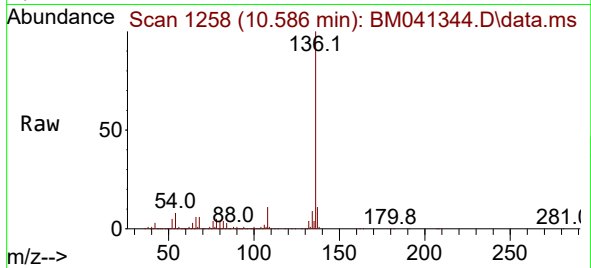




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

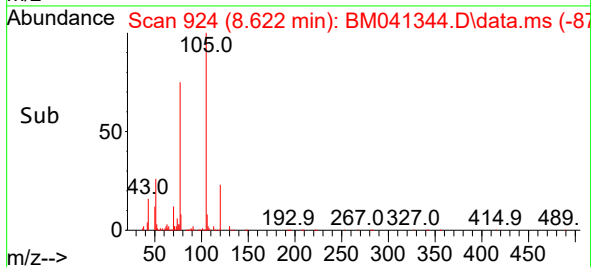
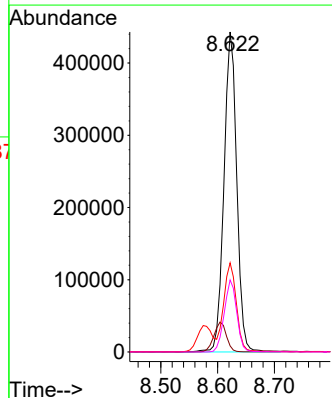
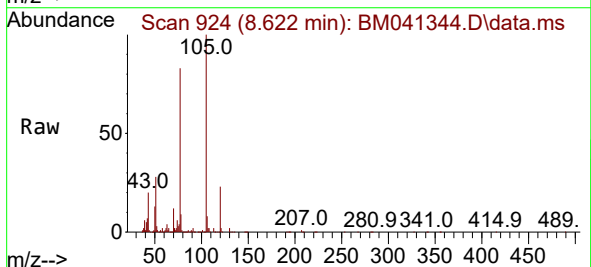
Instrument :
BNA_M
ClientSampleId :
PB154728BS

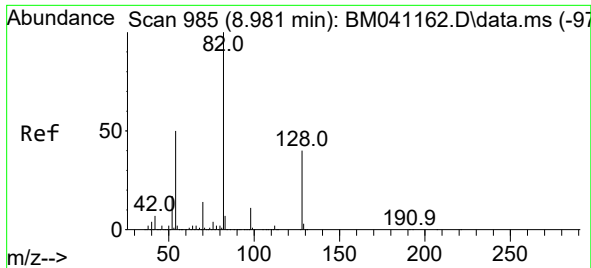
Tgt Ion:136 Resp: 584191
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.9 6.9 10.3
68 6.3 5.4 8.2



#22
Acetophenone
Concen: 45.034 ng
RT: 8.622 min Scan# 924
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:105 Resp: 696759
Ion Ratio Lower Upper
105 100
71 1.9 1.2 1.8#
51 27.8 22.0 33.0
120 22.5 18.0 27.0

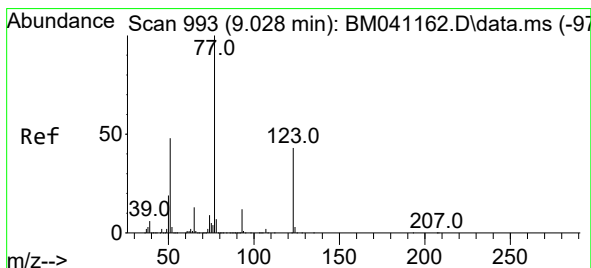
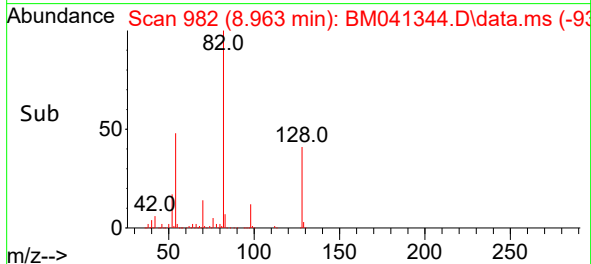
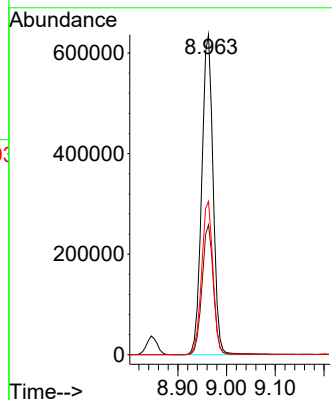
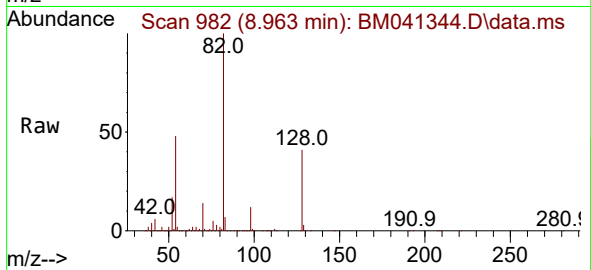




#23
Nitrobenzene-d5
Concen: 82.810 ng
RT: 8.963 min Scan# 982
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

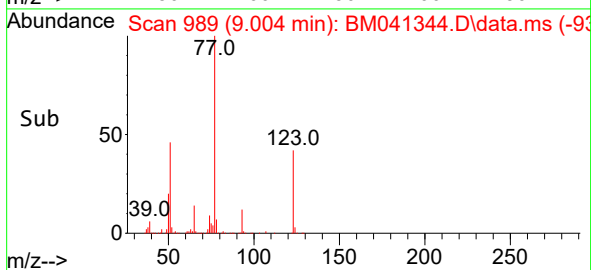
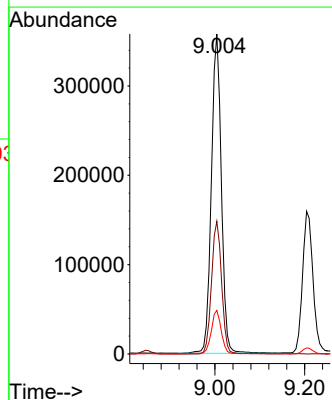
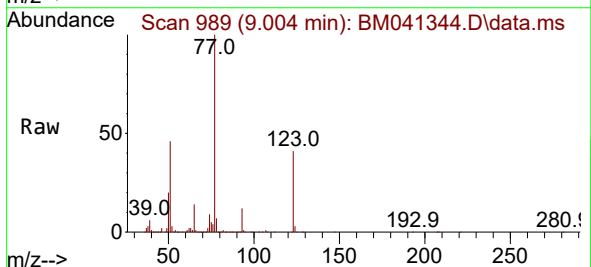
Instrument :
BNA_M
ClientSampleId :
PB154728BS

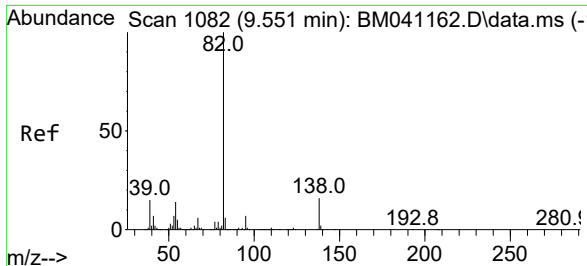
Tgt Ion: 82 Resp: 1040256
Ion Ratio Lower Upper
82 100
128 40.5 31.8 47.6
54 47.9 40.1 60.1



#24
Nitrobenzene
Concen: 43.404 ng
RT: 9.004 min Scan# 989
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion: 77 Resp: 551392
Ion Ratio Lower Upper
77 100
123 41.5 34.2 51.2
65 13.6 10.7 16.1

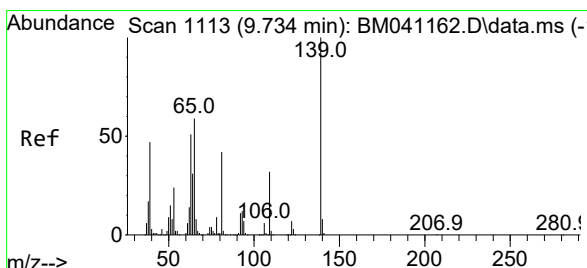
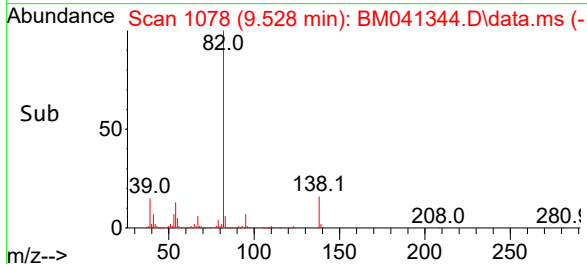
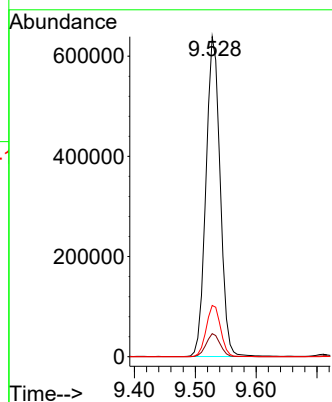
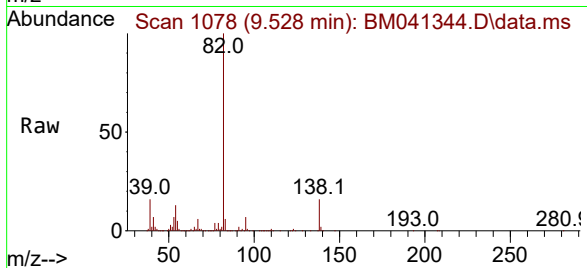




#25
Isophorone
Concen: 48.569 ng
RT: 9.528 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

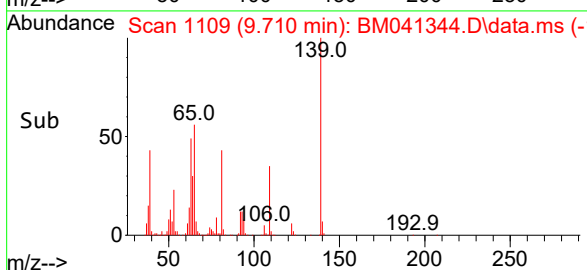
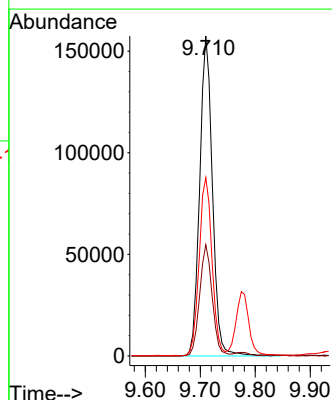
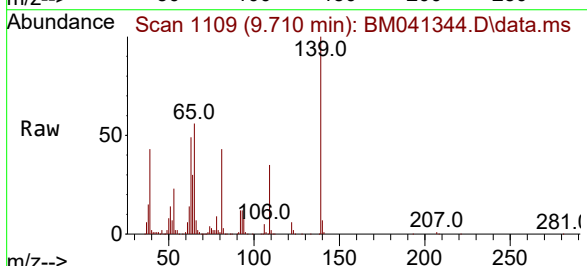
Instrument :
BNA_M
ClientSampleId :
PB154728BS

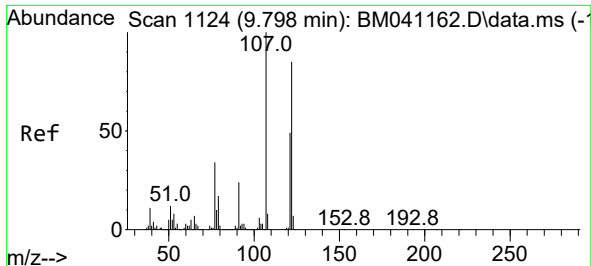
Tgt Ion: 82 Resp: 1035688
Ion Ratio Lower Upper
82 100
95 7.2 5.3 7.9
138 16.0 12.8 19.2



#26
2-Nitrophenol
Concen: 51.244 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion: 139 Resp: 254484
Ion Ratio Lower Upper
139 100
109 34.8 25.4 38.2
65 55.7 47.2 70.8

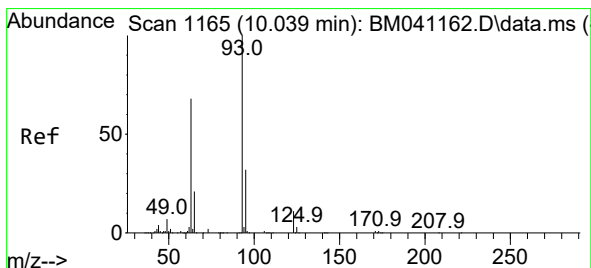
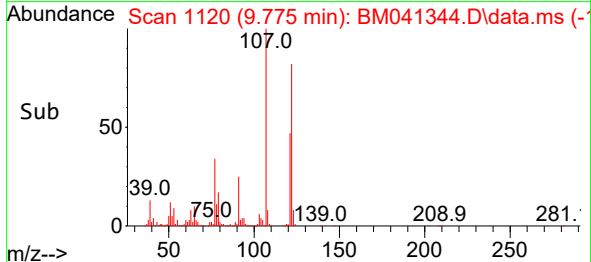
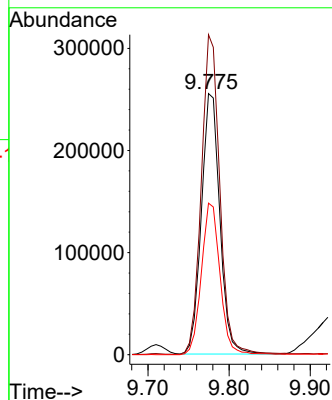
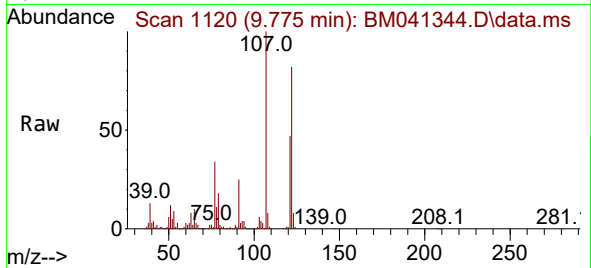




#27
2,4-Dimethylphenol
Concen: 46.100 ng
RT: 9.775 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

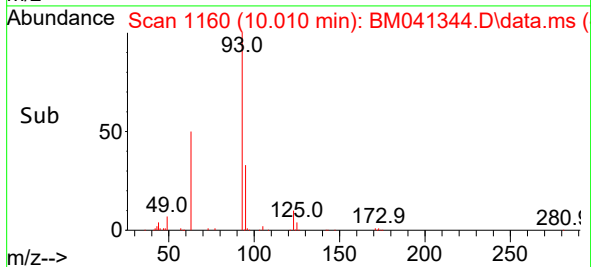
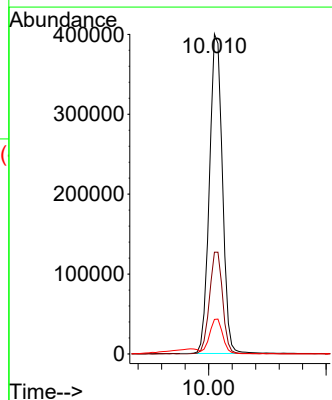
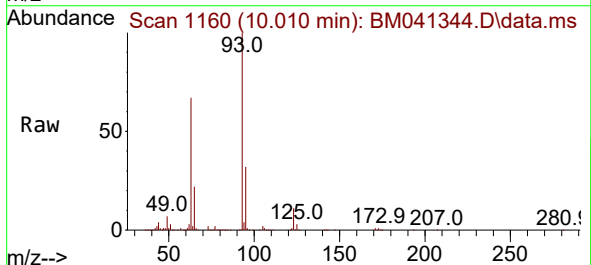
Instrument :
BNA_M
ClientSampleId :
PB154728BS

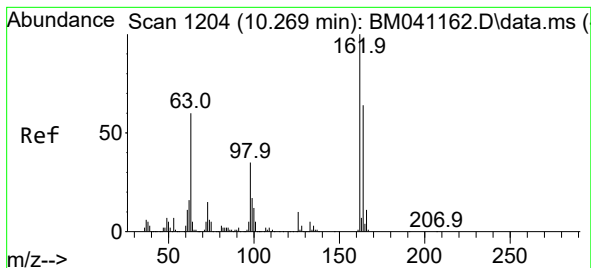
Tgt Ion:122 Resp: 402863
Ion Ratio Lower Upper
122 100
107 122.6 94.3 141.5
121 58.0 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 45.749 ng
RT: 10.010 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion: 93 Resp: 611098
Ion Ratio Lower Upper
93 100
95 31.8 25.9 38.9
123 10.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.617 ng

RT: 10.245 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Instrument :

BNA_M

ClientSampleId :

PB154728BS

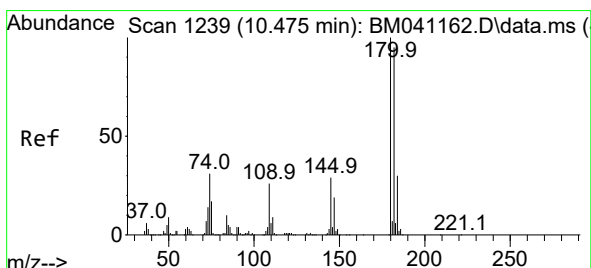
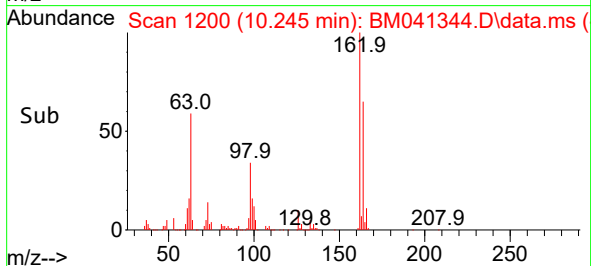
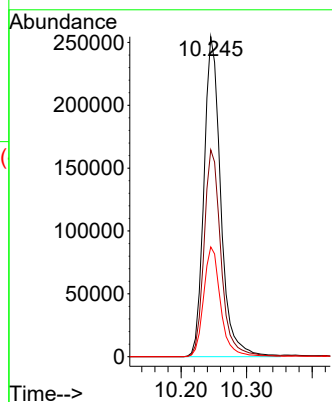
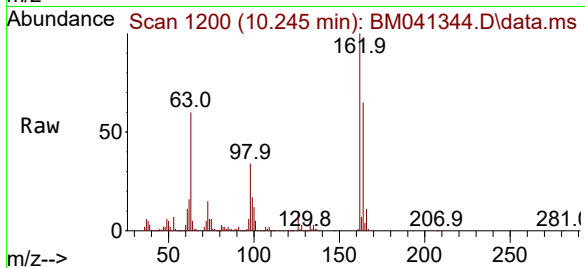
Tgt Ion:162 Resp: 454884

Ion Ratio Lower Upper

162 100

164 64.7 44.3 84.3

98 34.3 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 50.021 ng

RT: 10.451 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

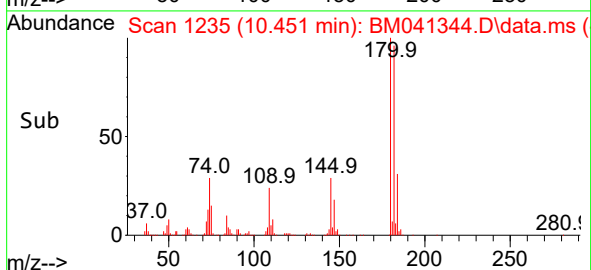
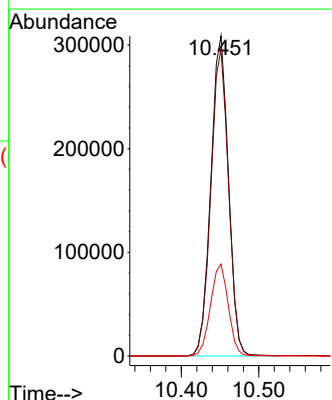
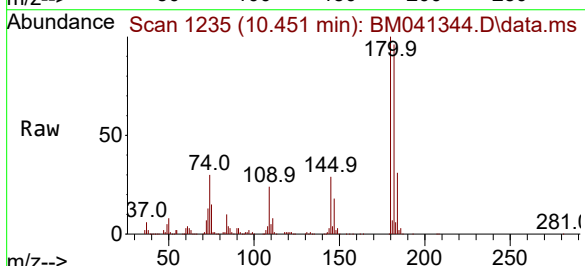
Tgt Ion:180 Resp: 487035

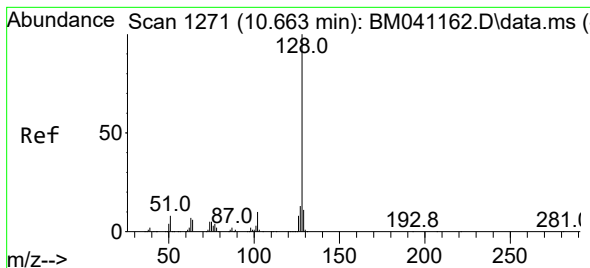
Ion Ratio Lower Upper

180 100

182 95.8 75.9 113.9

145 28.7 23.6 35.4





#31

Naphthalene

Concen: 44.934 ng

RT: 10.639 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Instrument :

BNA_M

ClientSampleId :

PB154728BS

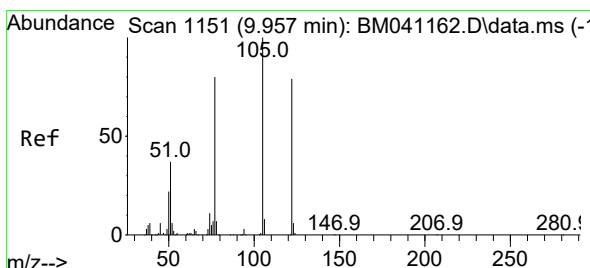
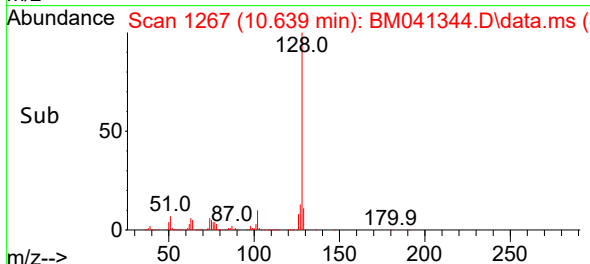
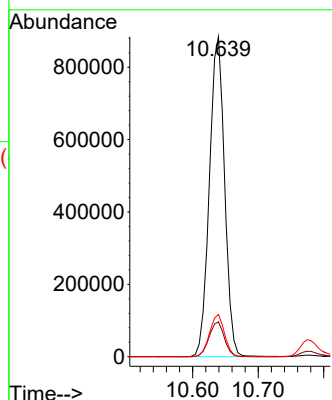
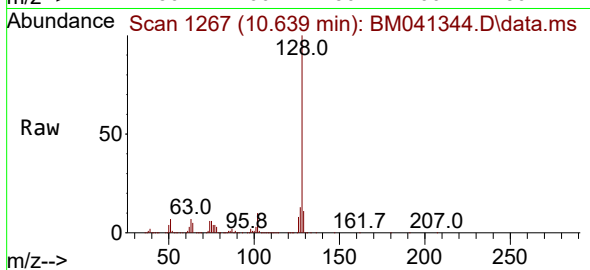
Tgt Ion:128 Resp: 1424462

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 47.501 ng

RT: 9.975 min Scan# 1154

Delta R.T. 0.018 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

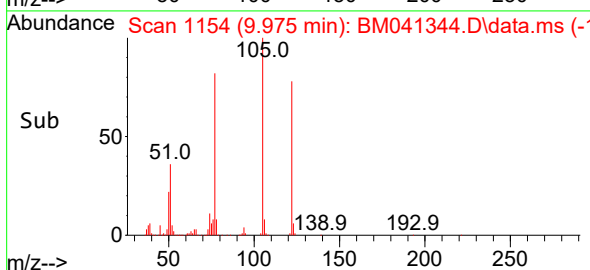
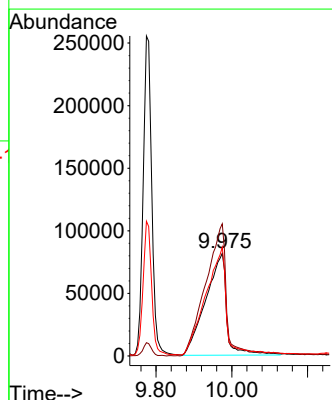
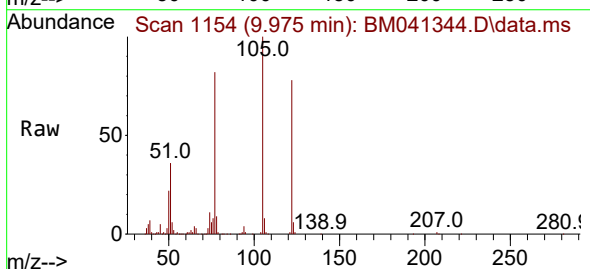
Tgt Ion:122 Resp: 311193

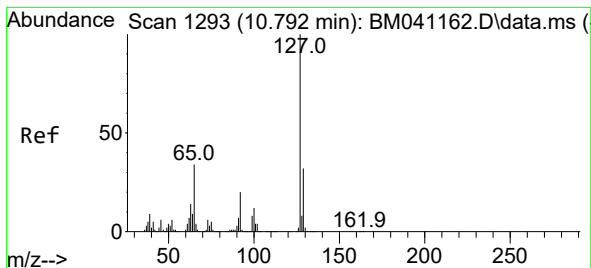
Ion Ratio Lower Upper

122 100

105 128.8 104.0 144.0

77 106.0 79.9 119.9





#33

4-Chloroaniline

Concen: 8.166 ng

RT: 10.775 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Instrument :

BNA_M

ClientSampleId :

PB154728BS

Tgt Ion:127 Resp: 103453

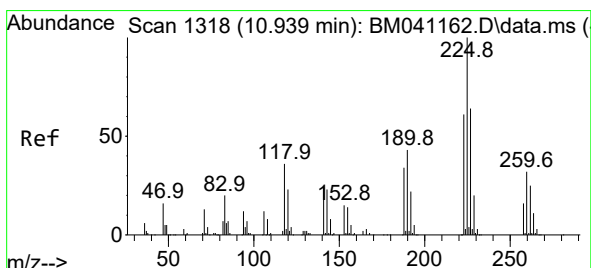
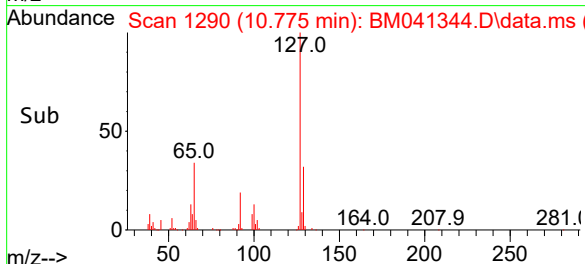
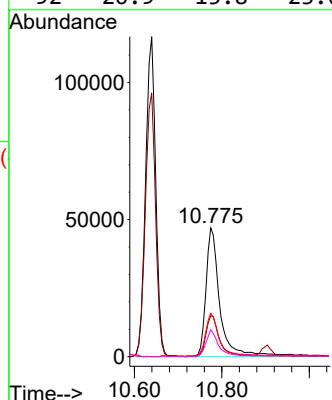
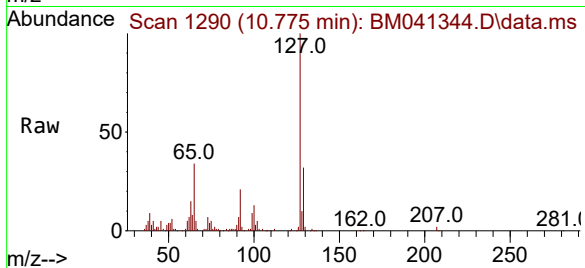
Ion Ratio Lower Upper

127 100

129 31.8 25.9 38.9

65 33.7 26.9 40.3

92 20.9 15.8 23.6



#34

Hexachlorobutadiene

Concen: 52.854 ng

RT: 10.904 min Scan# 1312

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

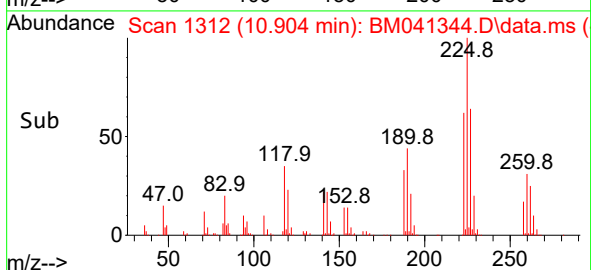
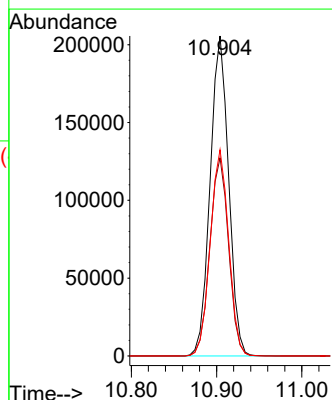
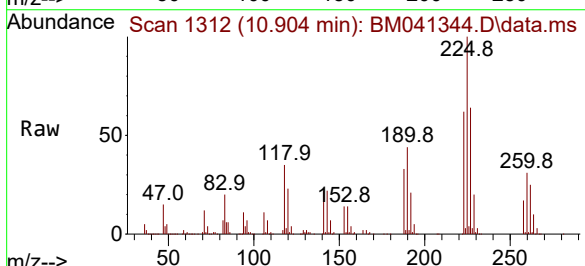
Tgt Ion:225 Resp: 309506

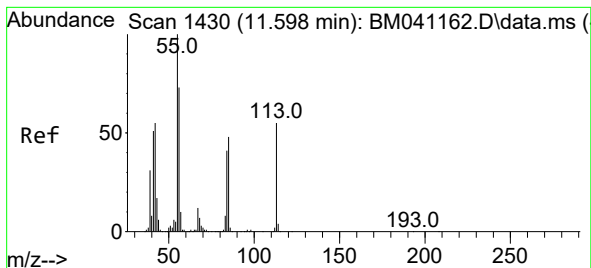
Ion Ratio Lower Upper

225 100

223 61.9 49.0 73.4

227 64.5 50.8 76.2

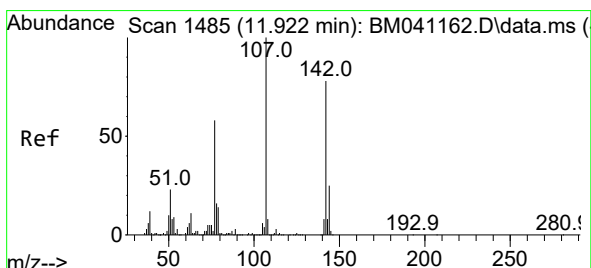
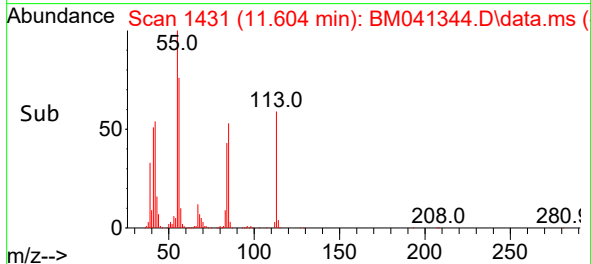
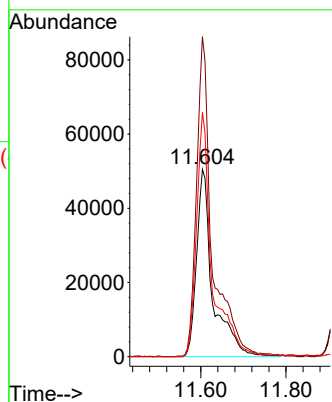
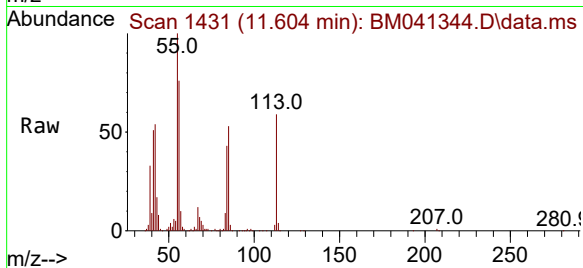




#35
Caprolactam
Concen: 52.423 ng
RT: 11.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

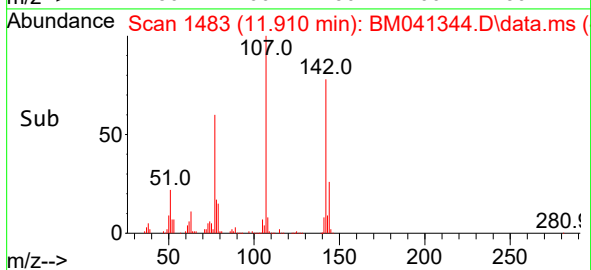
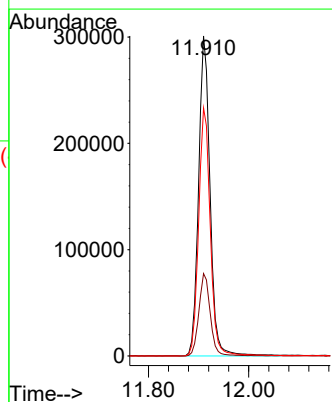
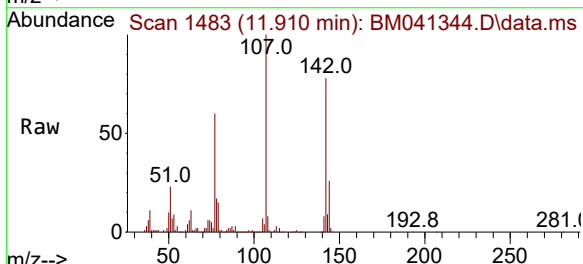
Instrument :
BNA_M
ClientSampleId :
PB154728BS

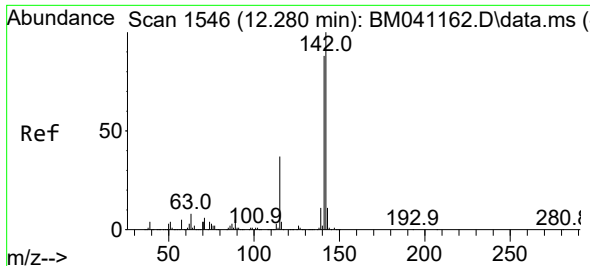
Tgt Ion:113 Resp: 133643
Ion Ratio Lower Upper
113 100
55 170.8 162.5 202.5
56 130.3 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 51.442 ng
RT: 11.910 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:107 Resp: 477152
Ion Ratio Lower Upper
107 100
144 25.8 20.1 30.1
142 77.5 62.2 93.4

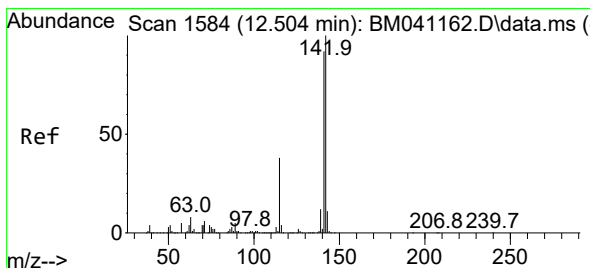
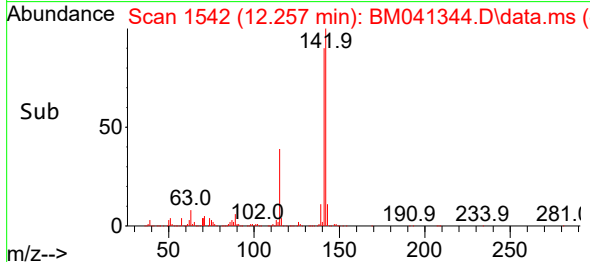
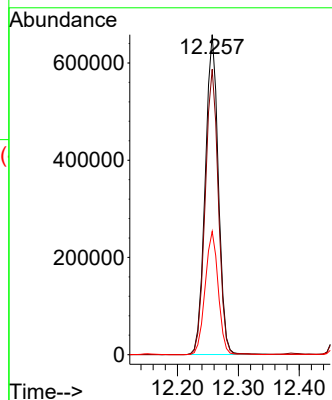
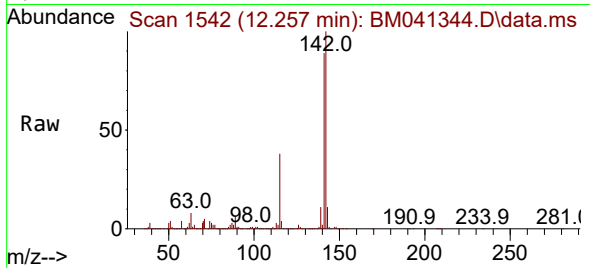




#37
2-Methylnaphthalene
Concen: 46.364 ng
RT: 12.257 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

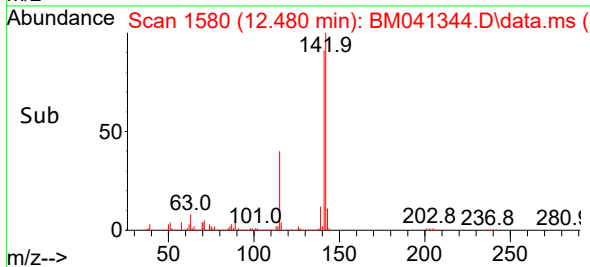
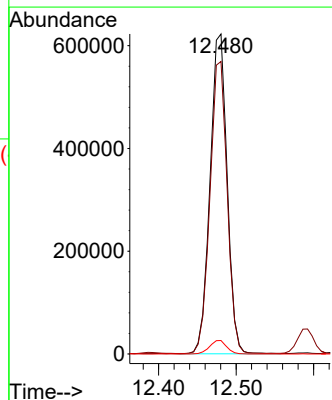
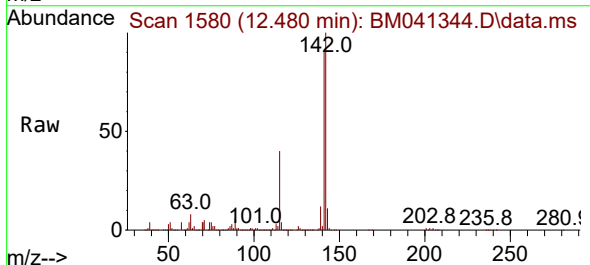
Instrument :
BNA_M
ClientSampleId :
PB154728BS

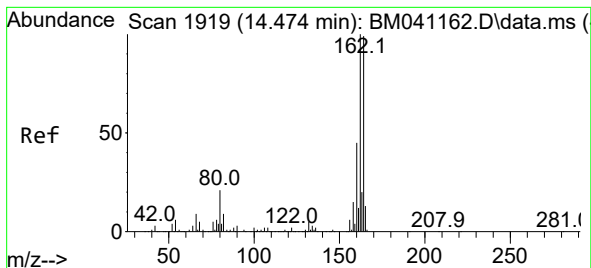
Tgt Ion:142 Resp: 990916
Ion Ratio Lower Upper
142 100
141 89.2 70.7 106.1
115 38.5 29.3 43.9



#38
1-Methylnaphthalene
Concen: 47.599 ng
RT: 12.480 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:142 Resp: 952155
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1915

Delta R.T. 0.006 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Instrument :

BNA_M

ClientSampleId :

PB154728BS

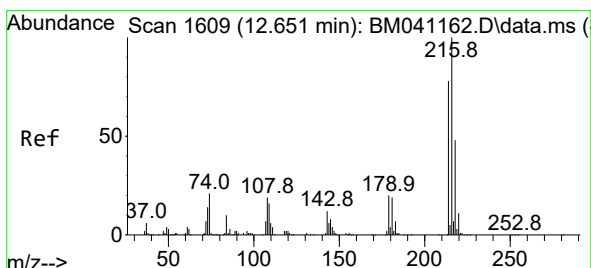
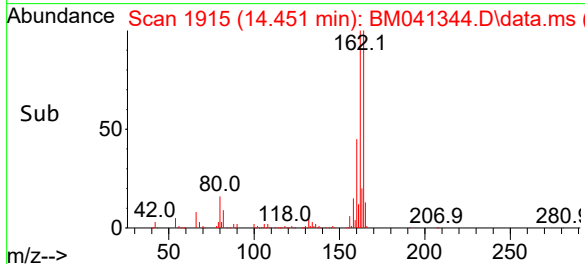
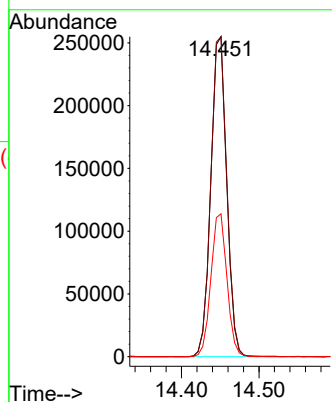
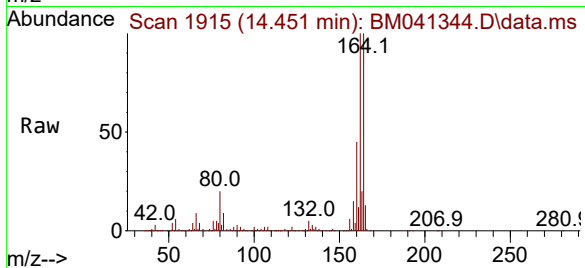
Tgt Ion:164 Resp: 361993

Ion Ratio Lower Upper

164 100

162 100.0 80.4 120.6

160 44.7 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.227 ng

RT: 12.627 min Scan# 1605

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Tgt Ion:216 Resp: 555124

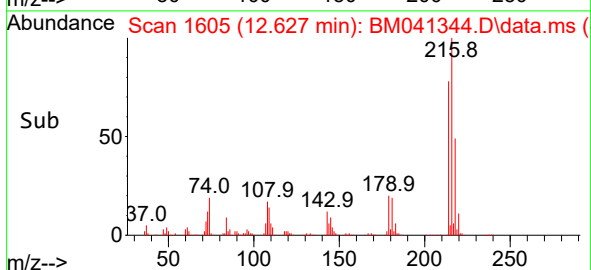
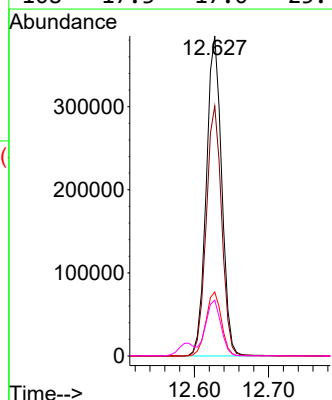
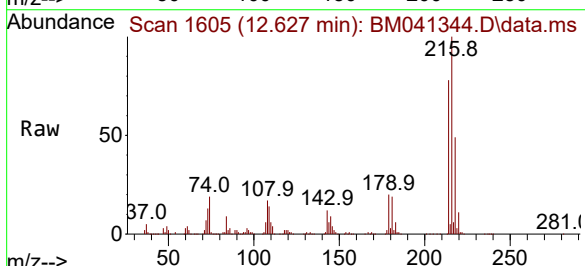
Ion Ratio Lower Upper

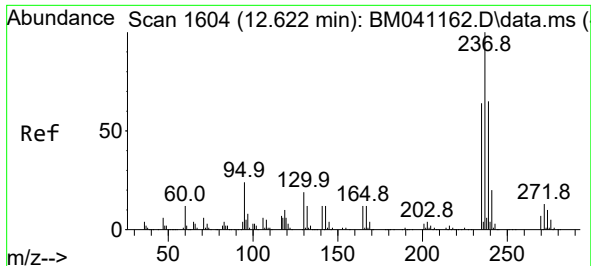
216 100

214 78.4 63.2 94.8

179 20.2 16.2 24.2

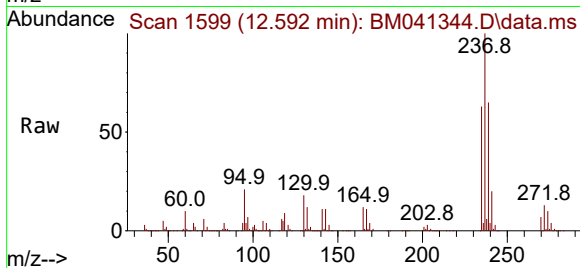
108 17.3 17.0 25.4



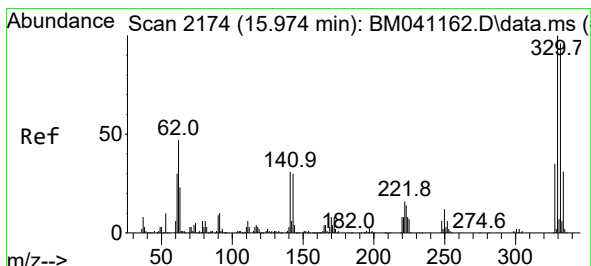
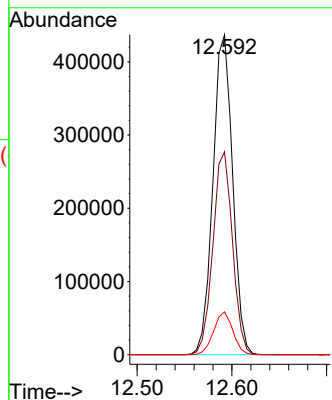
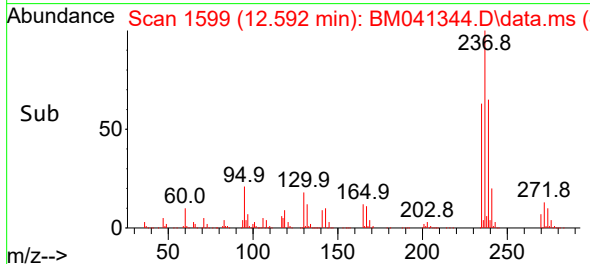


#41
Hexachlorocyclopentadiene
Concen: 101.235 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

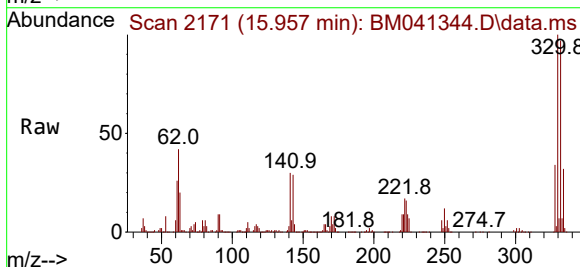
Instrument :
BNA_M
ClientSampleId :
PB154728BS



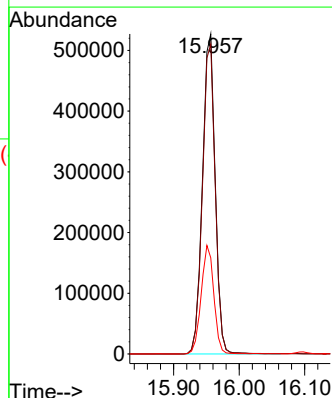
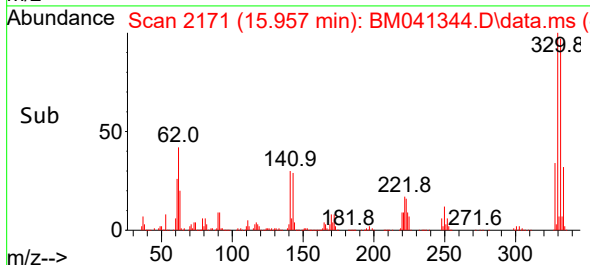
Tgt Ion:237 Resp: 629539
Ion Ratio Lower Upper
237 100
235 63.4 43.6 83.6
272 13.4 0.0 33.3

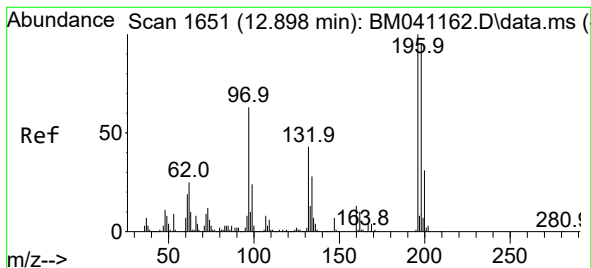


#42
2,4,6-Tribromophenol
Concen: 139.363 ng
RT: 15.957 min Scan# 2171
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53



Tgt Ion:330 Resp: 713569
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 33.9 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 50.300 ng

RT: 12.880 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Instrument :

BNA_M

ClientSampleId :

PB154728BS

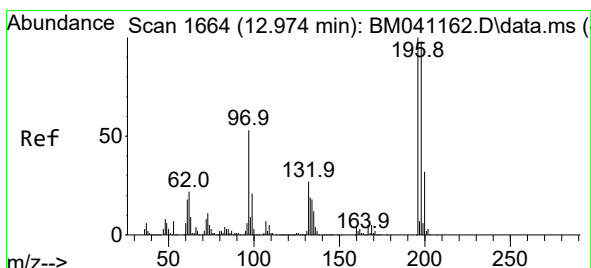
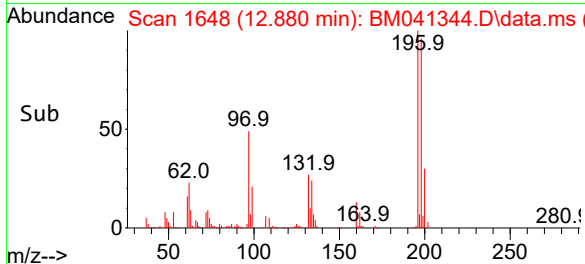
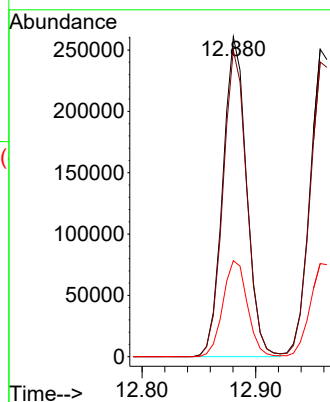
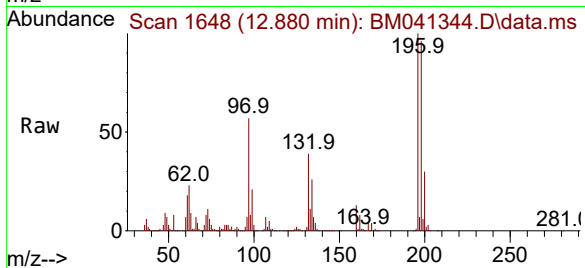
Tgt Ion:196 Resp: 378949

Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.4

200 30.0 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 46.762 ng

RT: 12.957 min Scan# 1661

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Tgt Ion:196 Resp: 407759

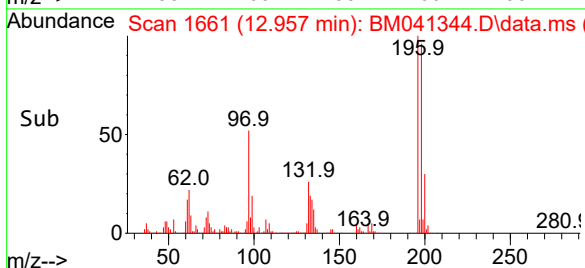
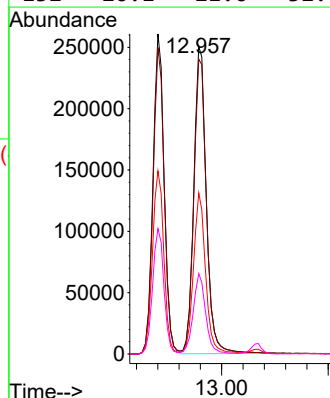
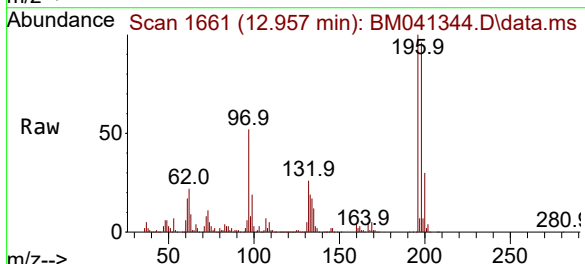
Ion Ratio Lower Upper

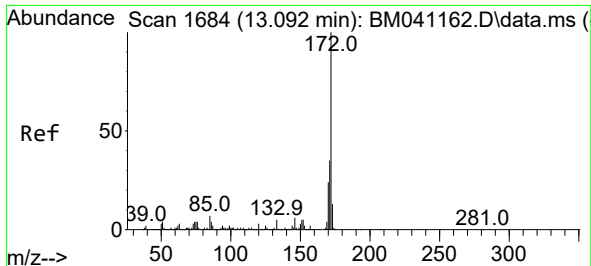
196 100

198 95.8 78.2 117.4

97 52.3 42.7 64.1

132 26.1 21.6 32.4

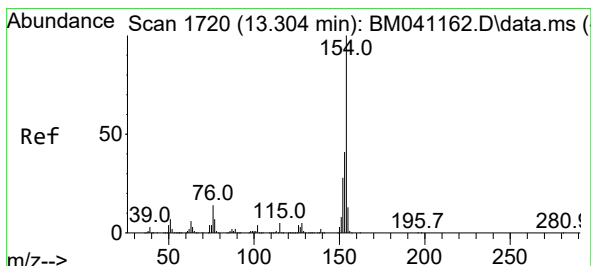
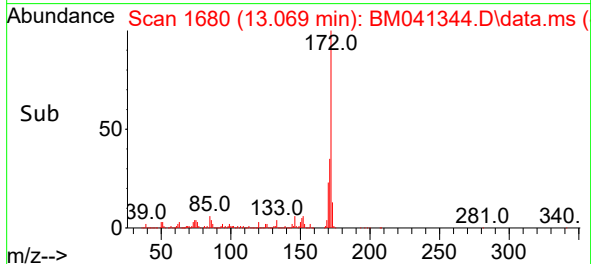
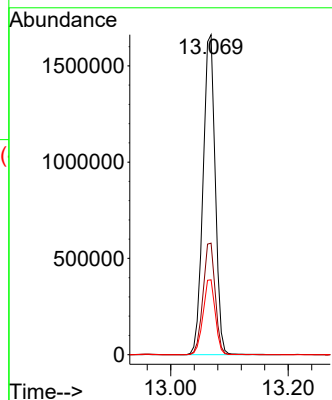
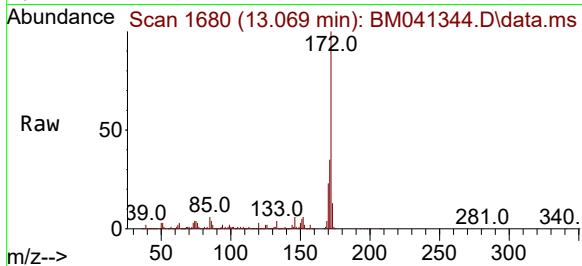




#45
2-Fluorobiphenyl
Concen: 83.776 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

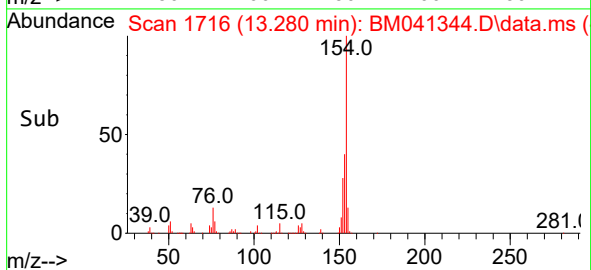
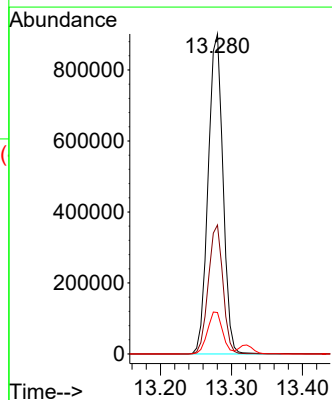
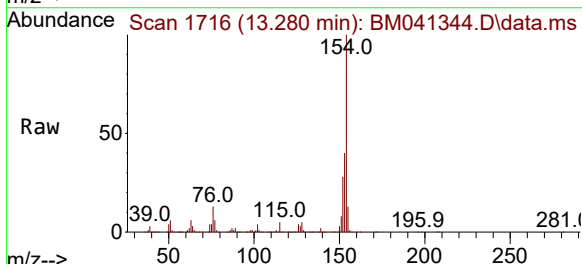
Instrument :
BNA_M
ClientSampleId :
PB154728BS

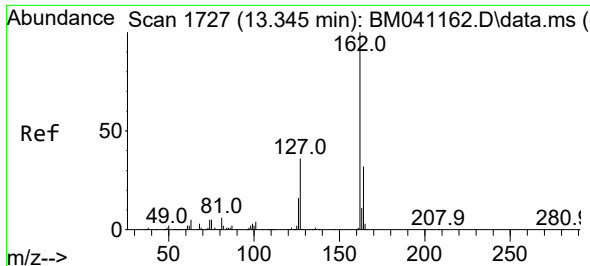
Tgt Ion:172 Resp: 2400668
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 44.577 ng
RT: 13.280 min Scan# 1716
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:154 Resp: 1308170
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 12.9 0.0 34.1

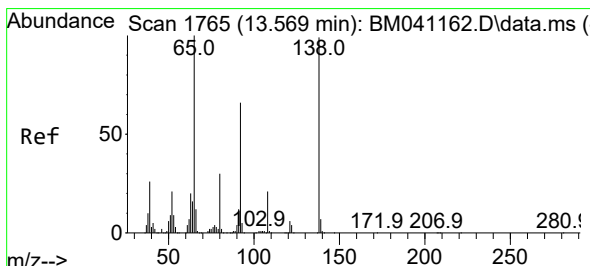
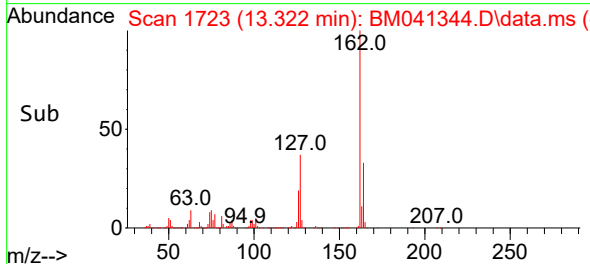
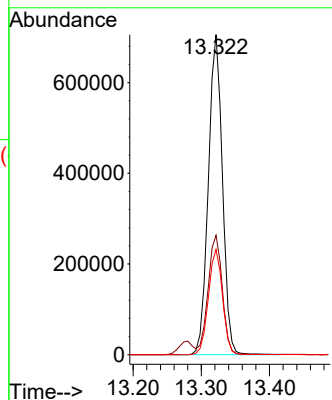
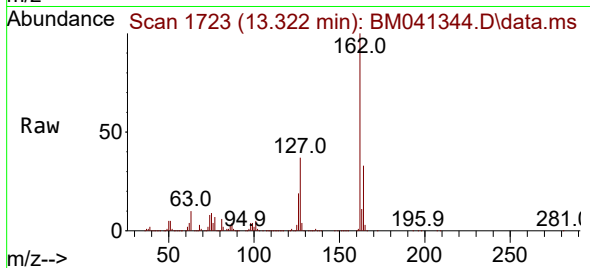




#47
2-Chloronaphthalene
Concen: 46.340 ng
RT: 13.322 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

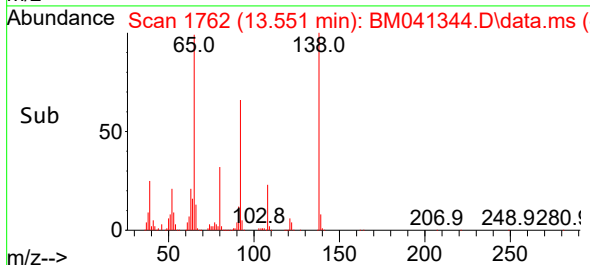
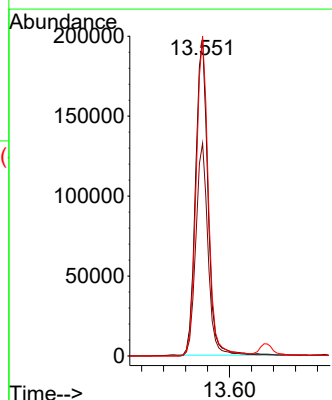
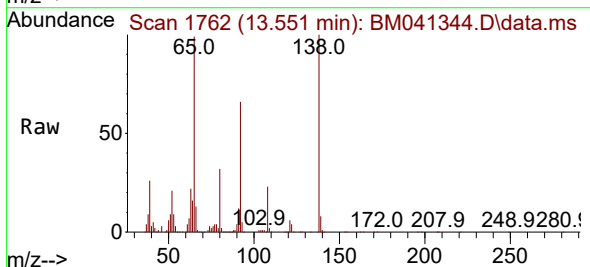
Instrument :
BNA_M
ClientSampleId :
PB154728BS

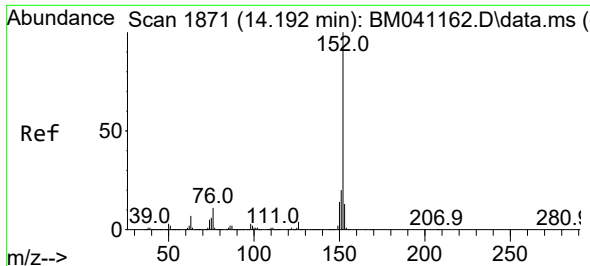
Tgt Ion:162 Resp: 1015414
Ion Ratio Lower Upper
162 100
127 37.3 30.6 45.8
164 32.9 25.6 38.4



#48
2-Nitroaniline
Concen: 44.155 ng
RT: 13.551 min Scan# 1762
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion: 65 Resp: 308833
Ion Ratio Lower Upper
65 100
92 67.2 53.0 79.4
138 101.1 79.1 118.7

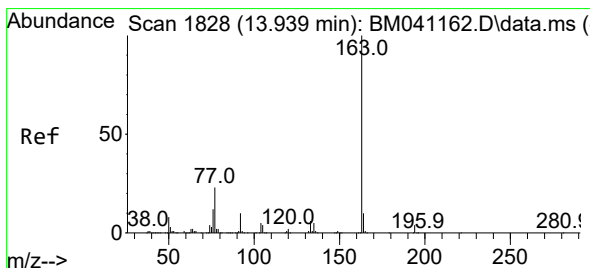
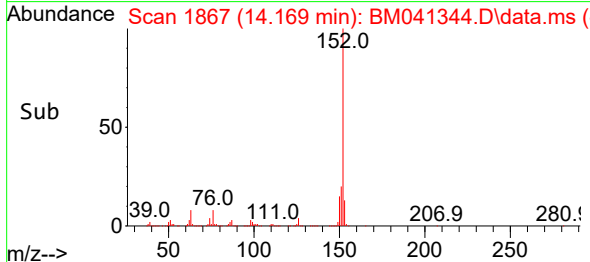
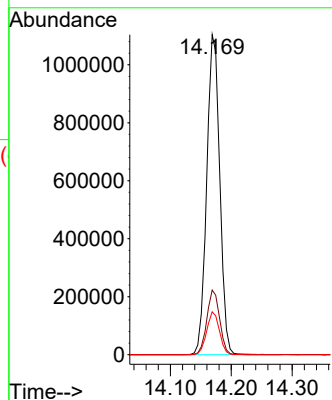
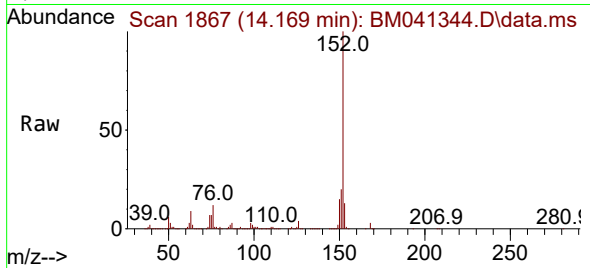




#49
Acenaphthylene
Concen: 46.370 ng
RT: 14.169 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

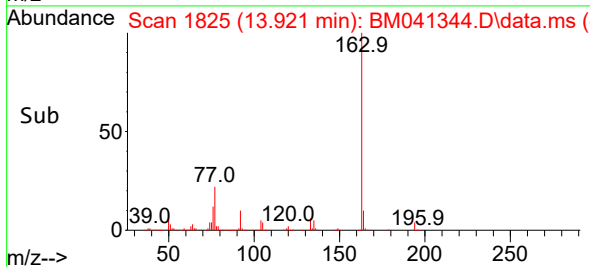
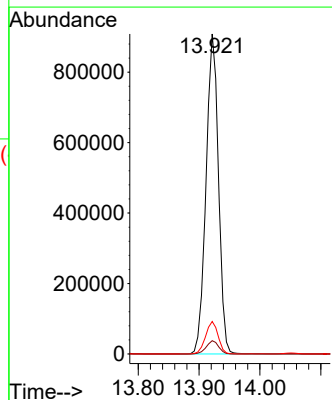
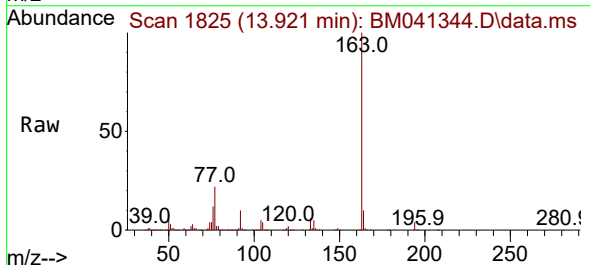
Instrument :
BNA_M
ClientSampleId :
PB154728BS

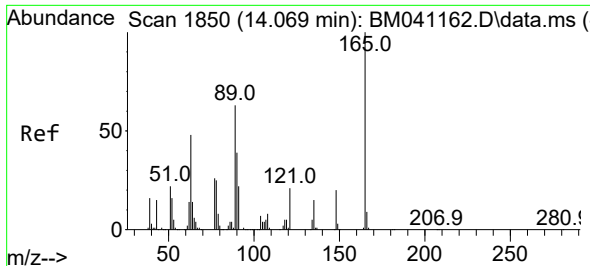
Tgt Ion:152 Resp: 1640001
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.5 15.7



#50
Dimethylphthalate
Concen: 47.393 ng
RT: 13.921 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:163 Resp: 1290501
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.3 12.5

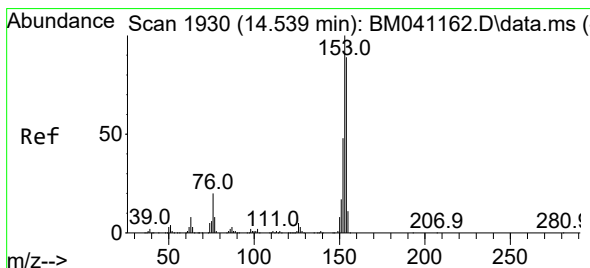
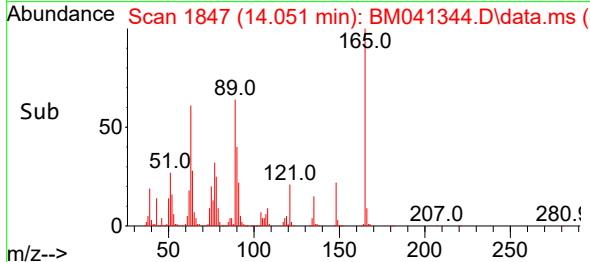
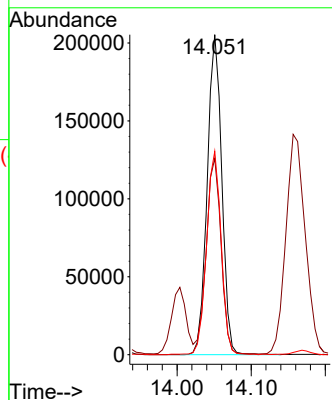
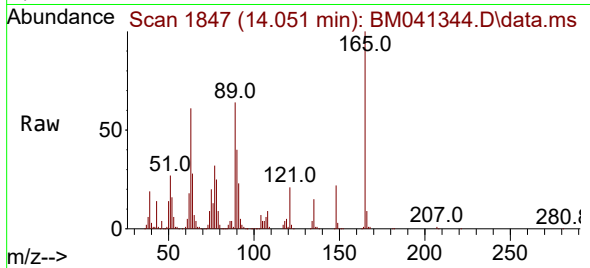




#51
2,6-Dinitrotoluene
Concen: 49.590 ng
RT: 14.051 min Scan# 1847
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

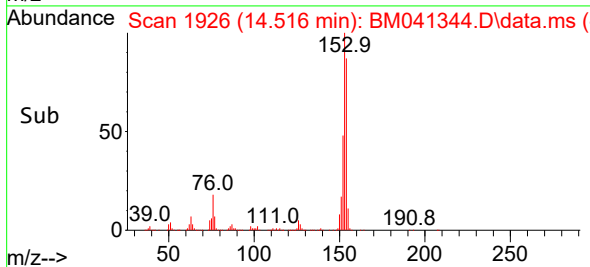
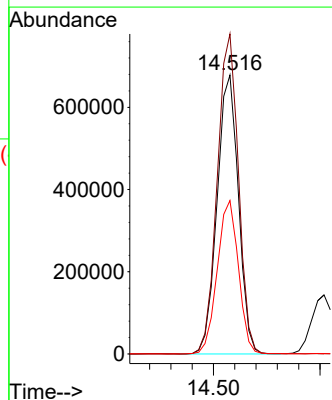
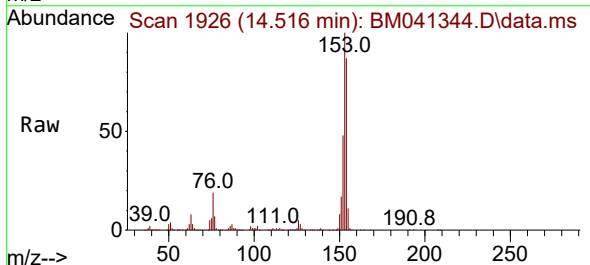
Instrument :
BNA_M
ClientSampleId :
PB154728BS

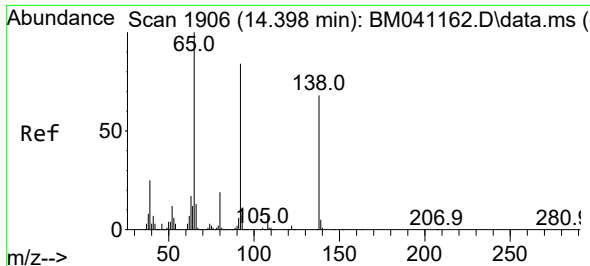
Tgt Ion:165 Resp: 279788
Ion Ratio Lower Upper
165 100
63 61.4 50.9 76.3
89 63.6 50.6 76.0



#52
Acenaphthene
Concen: 44.285 ng
RT: 14.516 min Scan# 1926
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:154 Resp: 943552
Ion Ratio Lower Upper
154 100
153 114.7 90.2 135.4
152 55.0 43.4 65.0

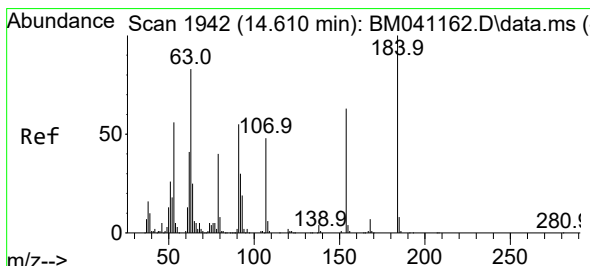
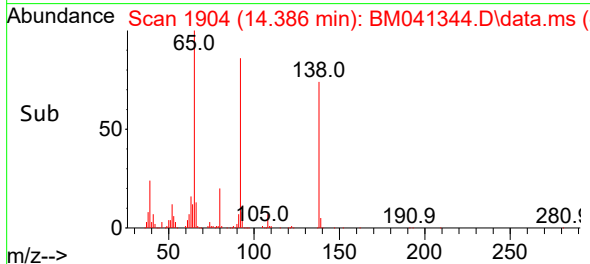
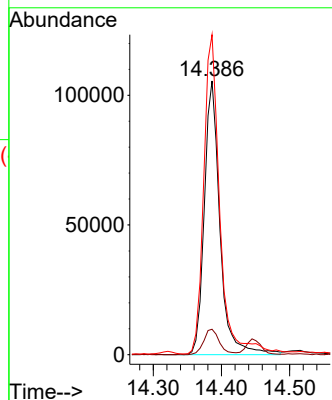
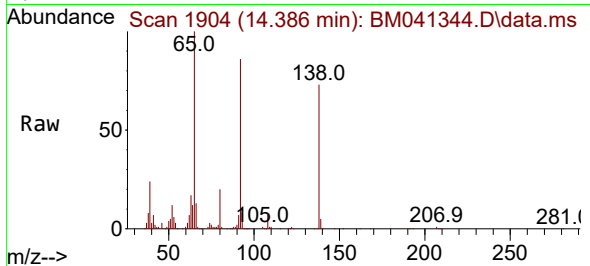




#53
3-Nitroaniline
Concen: 26.973 ng
RT: 14.386 min Scan# 1904
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

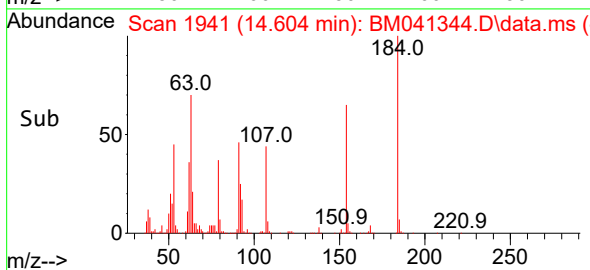
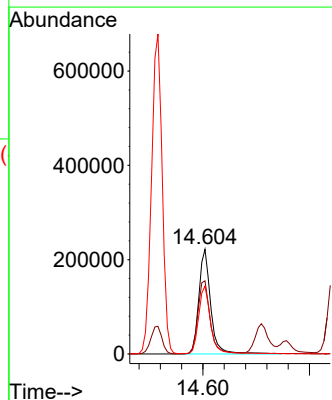
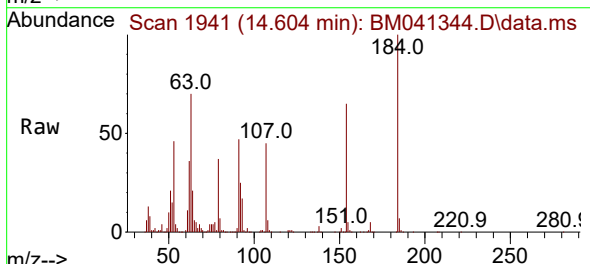
Instrument :
BNA_M
ClientSampleId :
PB154728BS

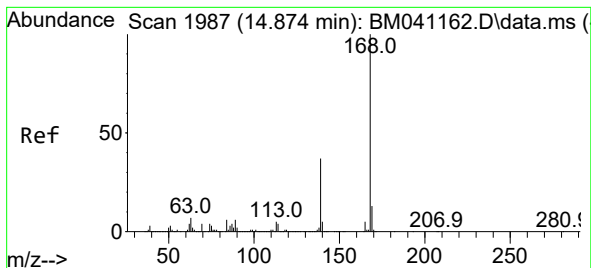
Tgt Ion:138 Resp: 168314
Ion Ratio Lower Upper
138 100
108 9.3 7.6 11.4
92 116.9 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 89.491 ng
RT: 14.604 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:184 Resp: 343809
Ion Ratio Lower Upper
184 100
63 69.8 66.5 99.7
154 64.8 52.8 79.2





#55

Dibenzofuran

Concen: 44.478 ng

RT: 14.851 min Scan# 1983

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Instrument :

BNA_M

ClientSampleId :

PB154728BS

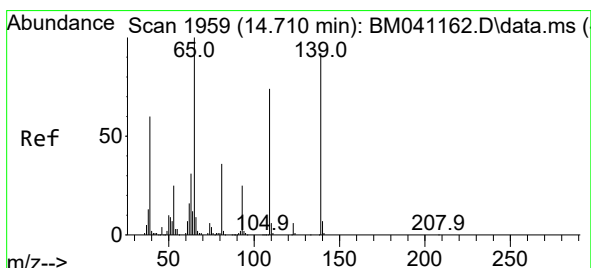
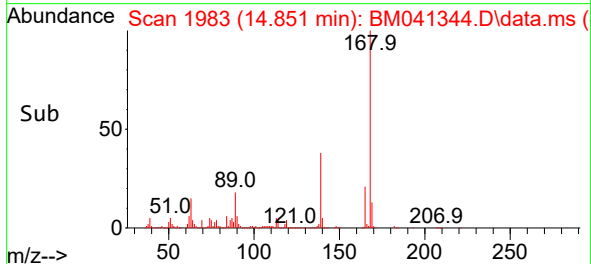
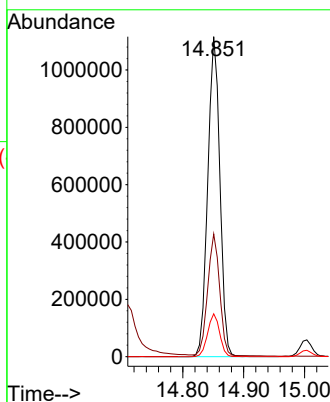
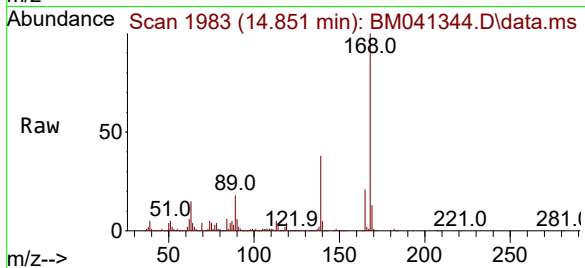
Tgt Ion:168 Resp: 1546179

Ion Ratio Lower Upper

168 100

139 38.4 29.8 44.6

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 78.631 ng

RT: 14.710 min Scan# 1959

Delta R.T. -0.006 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

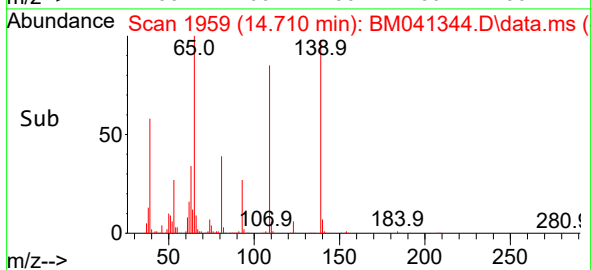
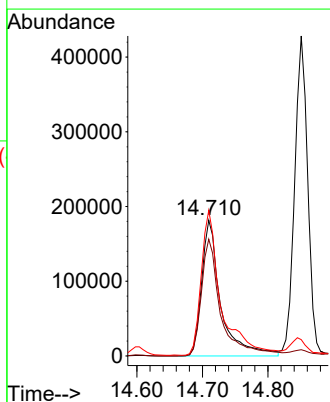
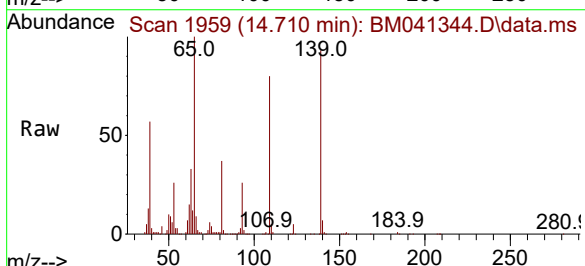
Tgt Ion:139 Resp: 369736

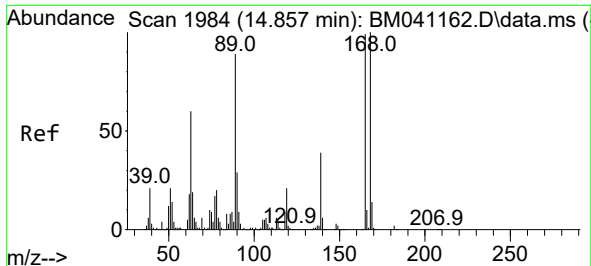
Ion Ratio Lower Upper

139 100

109 86.0 61.2 101.2

65 107.3 89.5 129.5





#57

2,4-Dinitrotoluene

Concen: 47.128 ng

RT: 14.845 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Instrument :

BNA_M

ClientSampleId :

PB154728BS

Tgt Ion:165 Resp: 379306

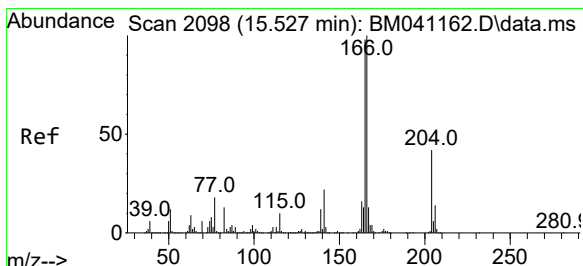
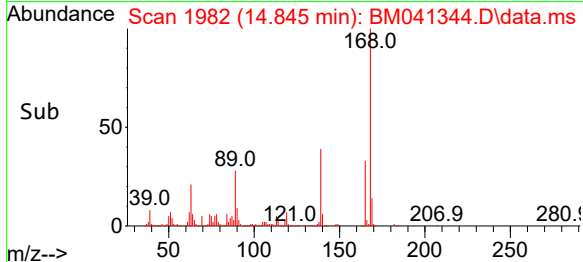
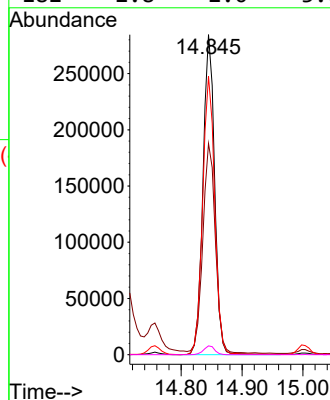
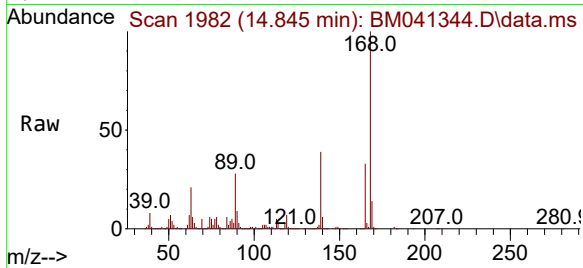
Ion Ratio Lower Upper

165 100

63 66.0 48.3 72.5

89 87.0 71.8 107.8

182 2.8 2.0 3.0



#58

Fluorene

Concen: 45.378 ng

RT: 15.504 min Scan# 2094

Delta R.T. 0.006 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

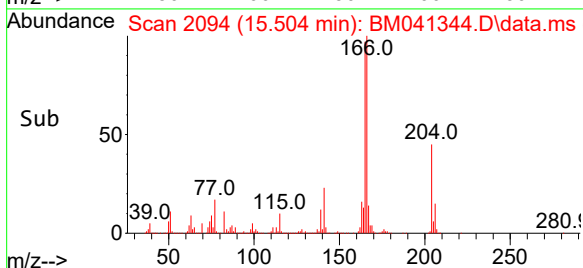
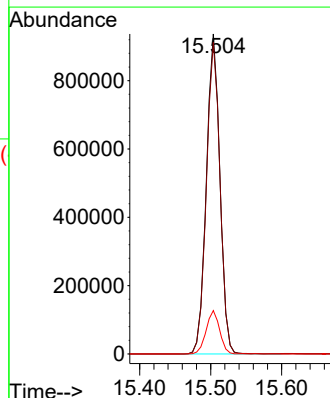
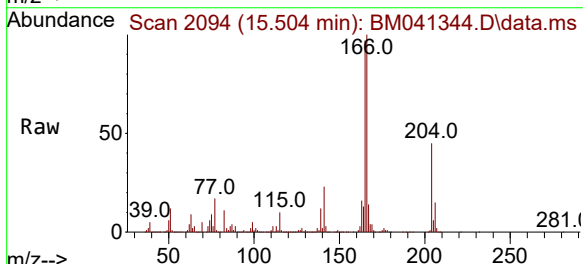
Tgt Ion:166 Resp: 1244434

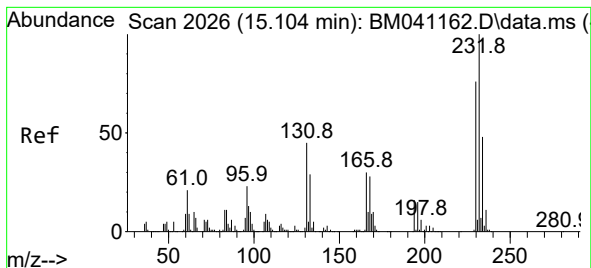
Ion Ratio Lower Upper

166 100

165 97.4 78.2 117.4

167 13.6 10.6 16.0

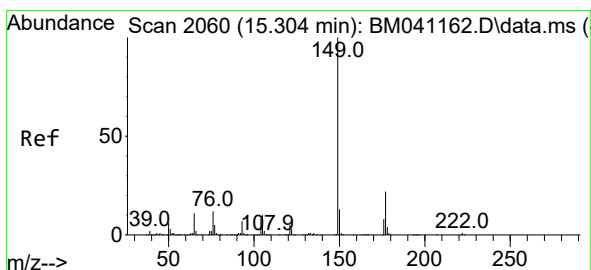
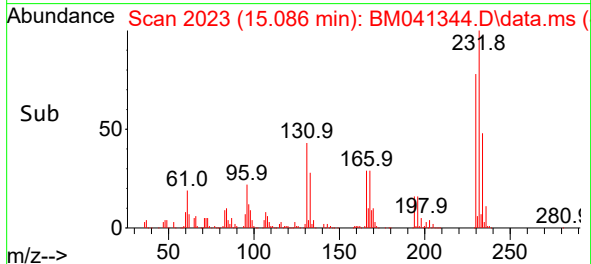
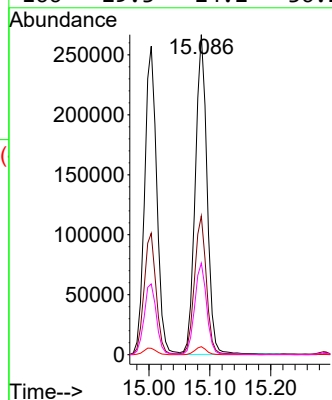
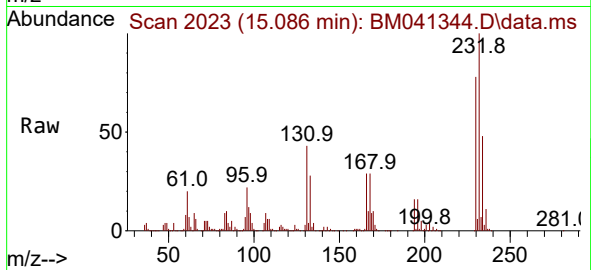




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.782 ng
RT: 15.086 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

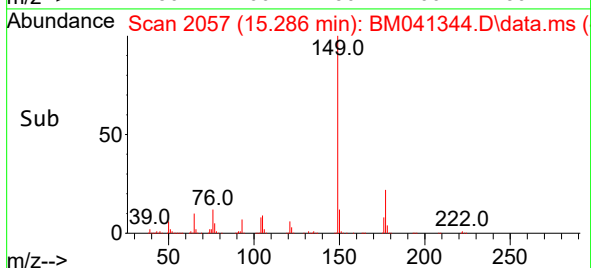
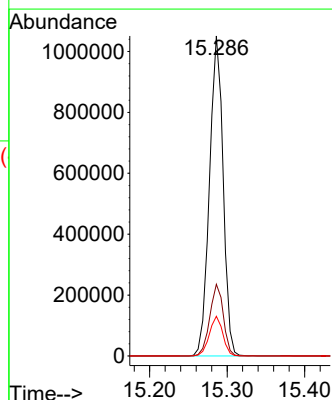
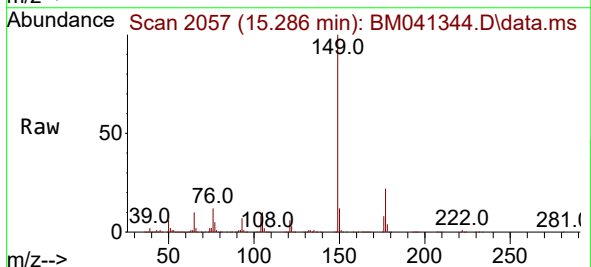
Instrument :
BNA_M
ClientSampleId :
PB154728BS

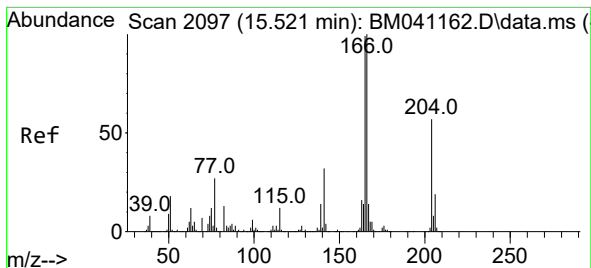
Tgt Ion:232 Resp: 358573
Ion Ratio Lower Upper
232 100
131 43.9 36.9 55.3
130 2.5 2.0 3.0
166 29.3 24.2 36.2



#60
Diethylphthalate
Concen: 48.779 ng
RT: 15.286 min Scan# 2057
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:149 Resp: 1284468
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 12.4 10.1 15.1

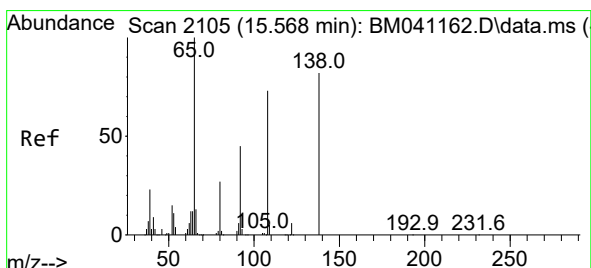
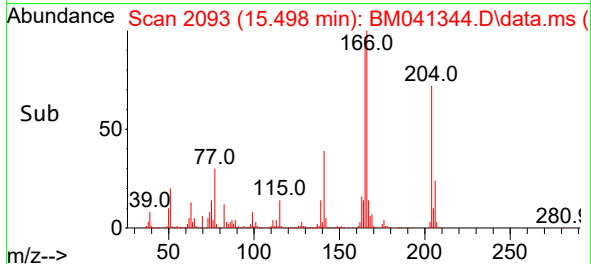
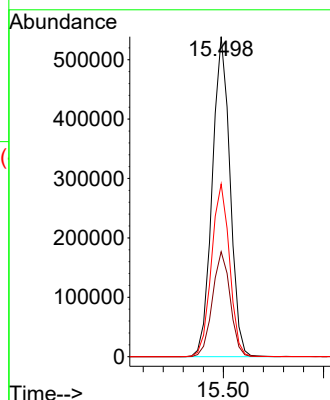
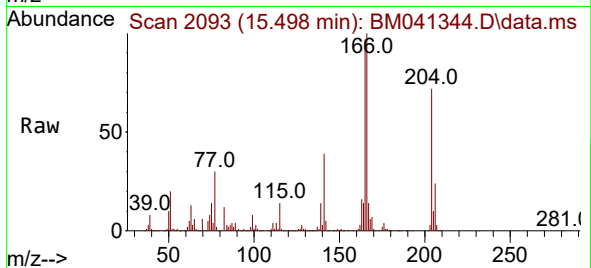




#61
4-Chlorophenyl-phenylether
Concen: 48.346 ng
RT: 15.498 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

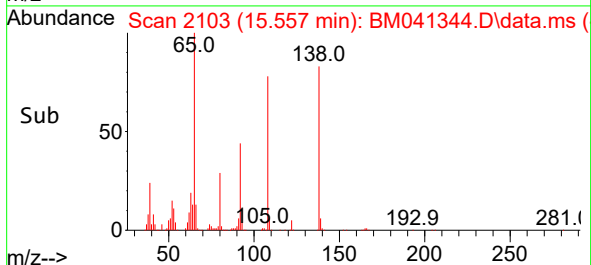
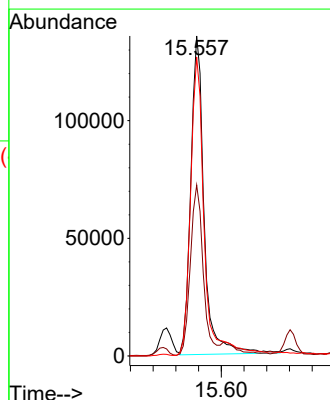
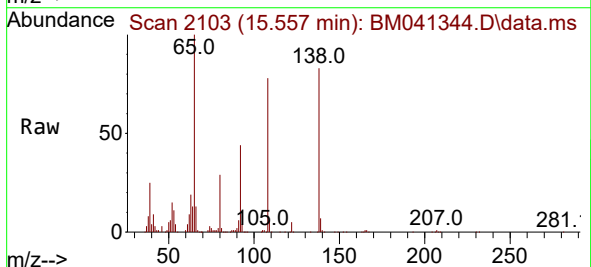
Instrument :
BNA_M
ClientSampleId :
PB154728BS

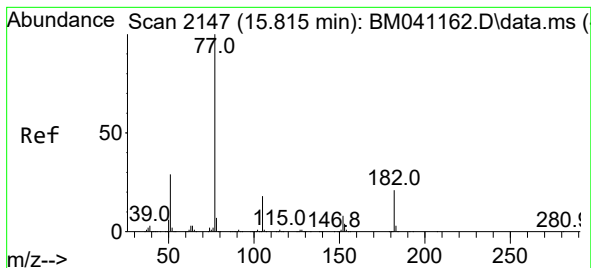
Tgt Ion:204 Resp: 664383
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 53.9 44.8 67.2



#62
4-Nitroaniline
Concen: 37.712 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:138 Resp: 221077
Ion Ratio Lower Upper
138 100
92 53.4 35.1 75.1
108 93.5 67.8 107.8



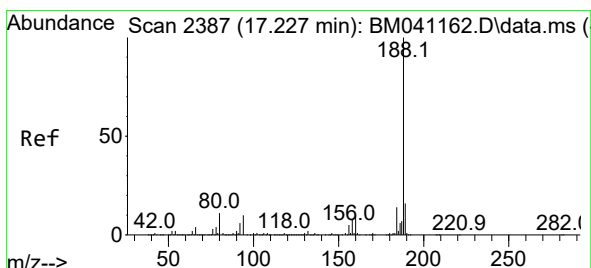
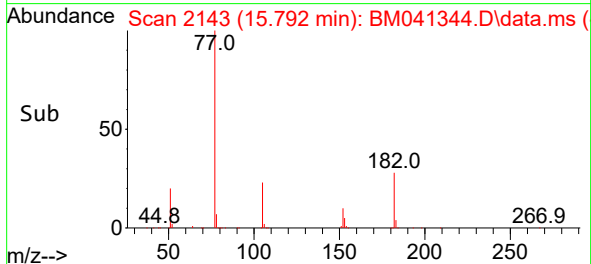
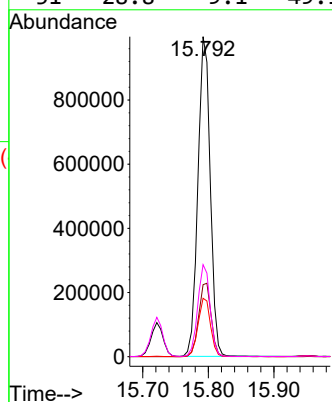
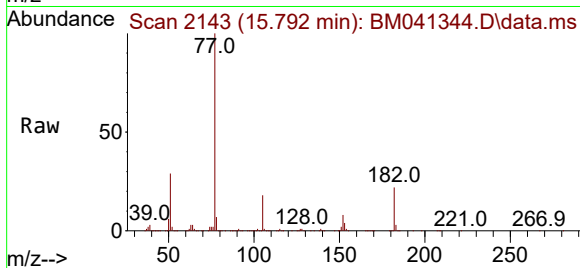


#63
Azobenzene
Concen: 45.177 ng
RT: 15.792 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Instrument :
BNA_M
ClientSampleId :
PB154728BS

Tgt Ion: 77 Resp: 1303097

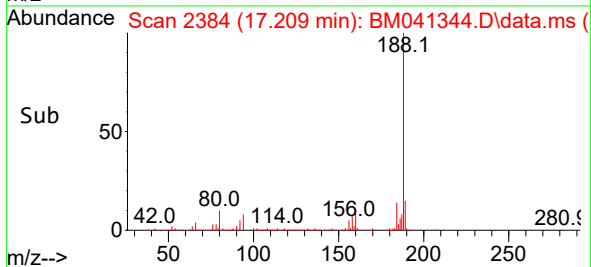
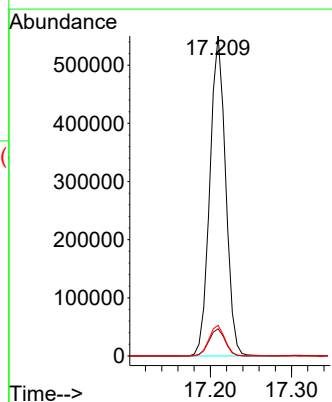
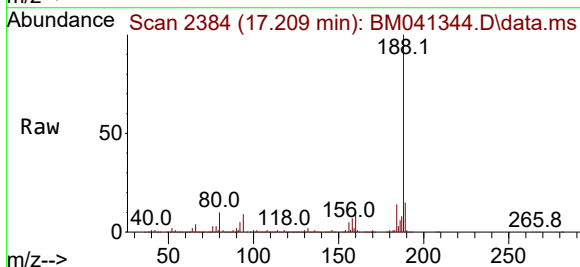
Ion	Ratio	Lower	Upper
77	100		
182	22.5	1.3	41.3
105	18.2	0.0	38.5
51	28.8	9.1	49.1

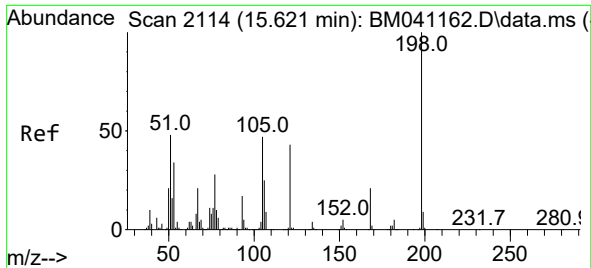


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion: 188 Resp: 741752

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.6	8.6	13.0

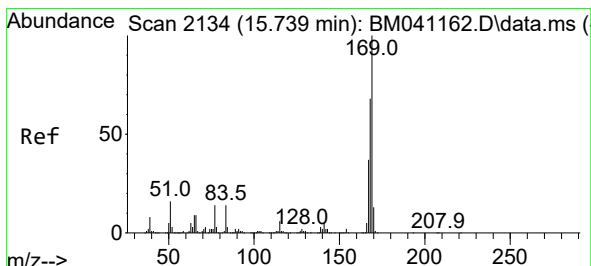
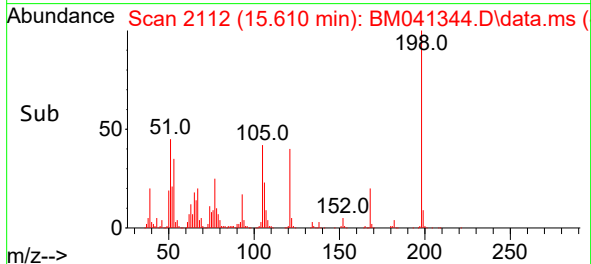
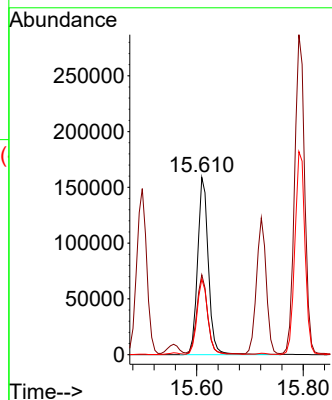
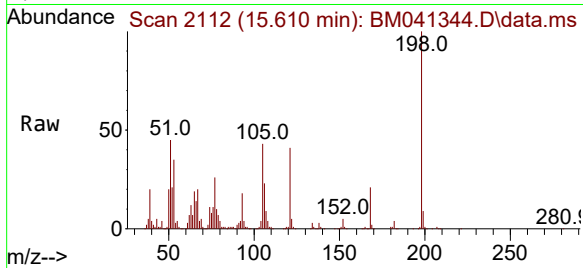




#65
4,6-Dinitro-2-methylphenol
Concen: 49.518 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

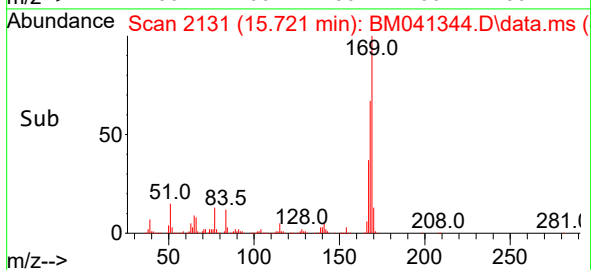
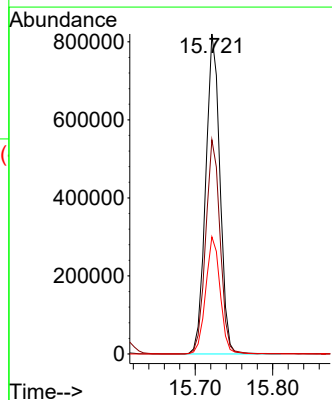
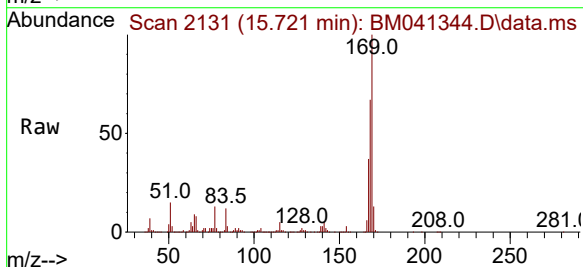
Instrument :
BNA_M
ClientSampleId :
PB154728BS

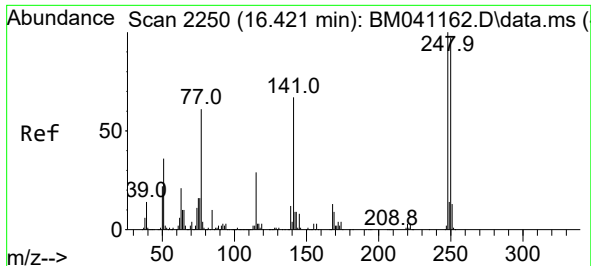
Tgt Ion:198 Resp: 222510
Ion Ratio Lower Upper
198 100
51 45.1 31.7 71.7
105 42.5 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 45.350 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:169 Resp: 1046186
Ion Ratio Lower Upper
169 100
168 66.9 54.6 81.8
167 36.6 29.9 44.9

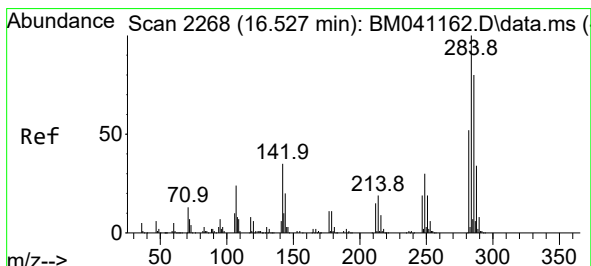
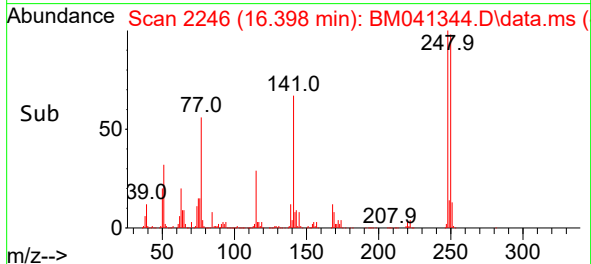
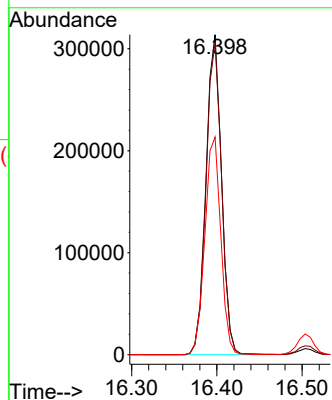
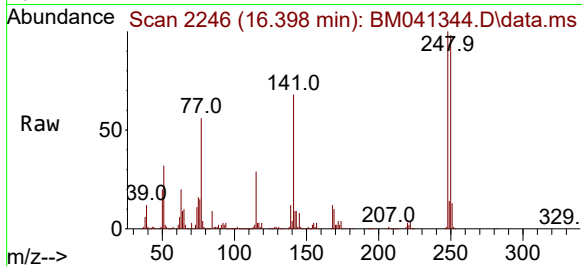




#67
4-Bromophenyl-phenylether
Concen: 49.024 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

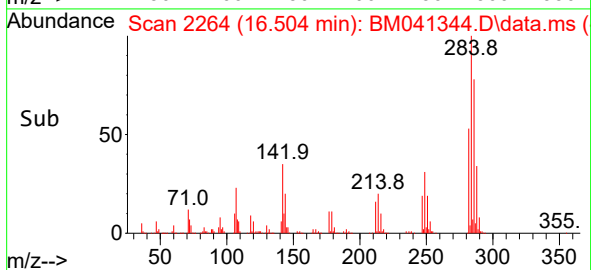
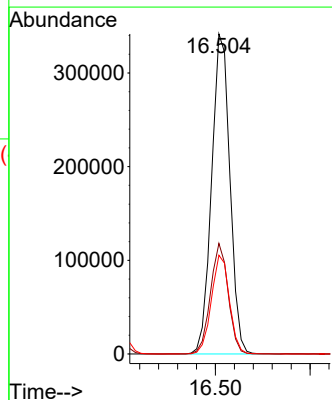
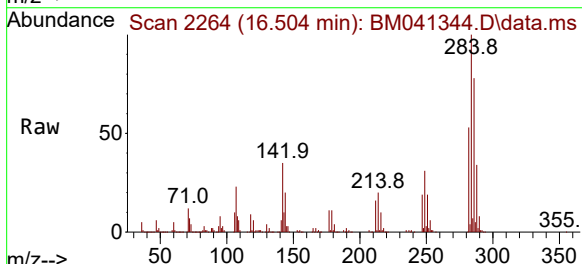
Instrument :
BNA_M
ClientSampleId :
PB154728BS

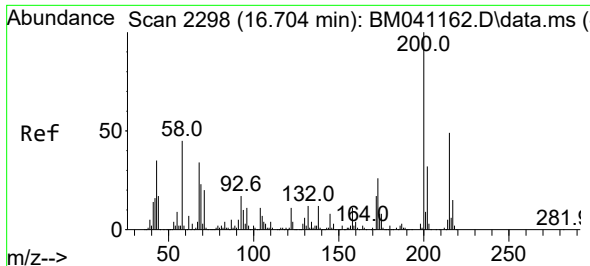
Tgt Ion:248 Resp: 398699
Ion Ratio Lower Upper
248 100
250 97.5 78.0 117.0
141 68.0 53.8 80.8



#68
Hexachlorobenzene
Concen: 50.721 ng
RT: 16.504 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:284 Resp: 458681
Ion Ratio Lower Upper
284 100
142 34.6 28.0 42.0
249 30.8 23.7 35.5

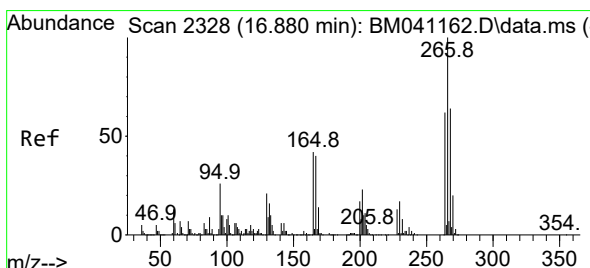
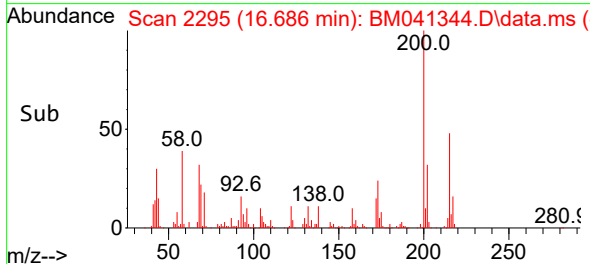
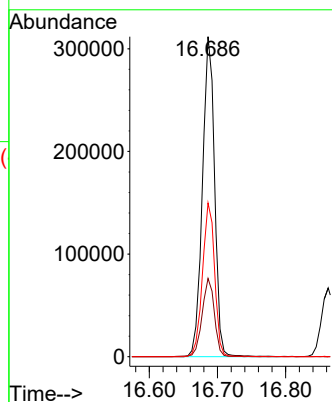
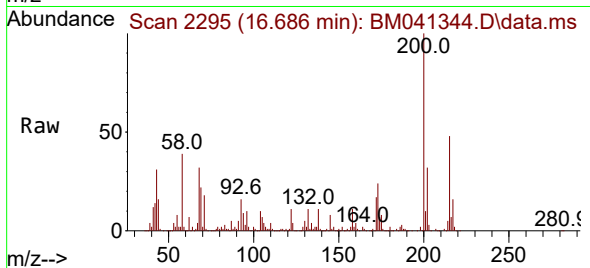




#69
 Atrazine
 Concen: 63.699 ng
 RT: 16.686 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041344.D
 Acq: 09 Aug 2023 17:53

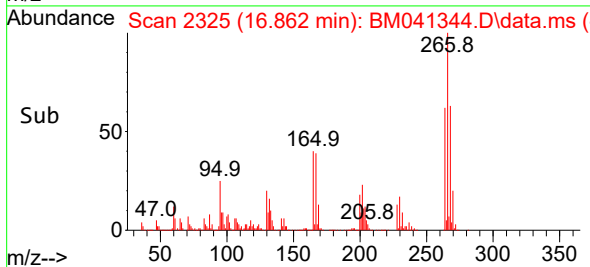
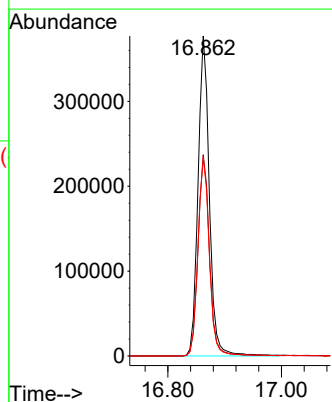
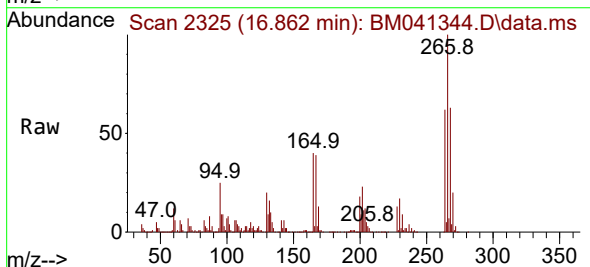
Instrument :
 BNA_M
 ClientSampleId :
 PB154728BS

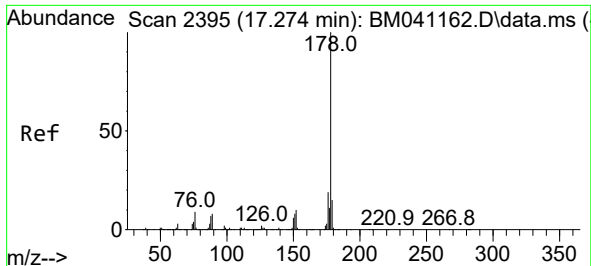
Tgt Ion:200 Resp: 385906
 Ion Ratio Lower Upper
 200 100
 173 24.5 5.6 45.6
 215 48.0 28.5 68.5



#70
 Pentachlorophenol
 Concen: 83.613 ng
 RT: 16.862 min Scan# 2325
 Delta R.T. -0.000 min
 Lab File: BM041344.D
 Acq: 09 Aug 2023 17:53

Tgt Ion:266 Resp: 523590
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.0 76.6
 264 62.0 49.4 74.2

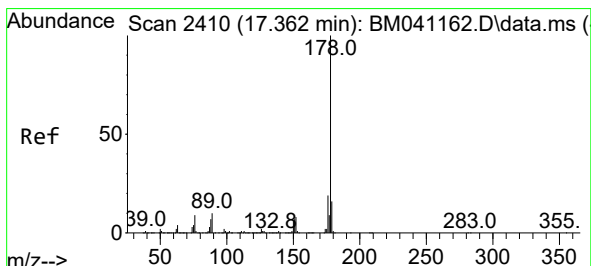
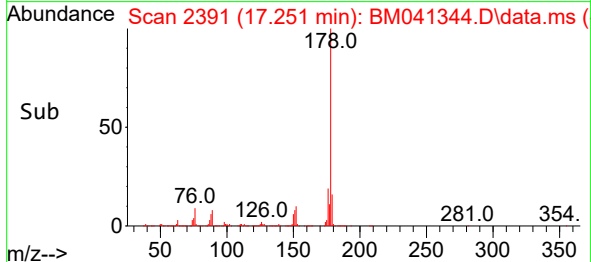
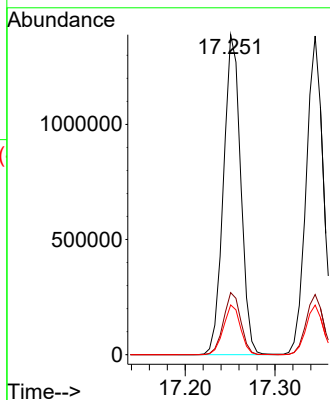
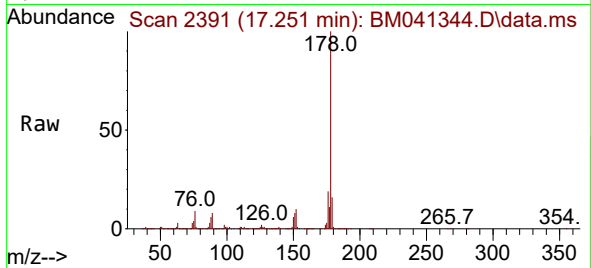




#71
Phenanthrene
Concen: 44.931 ng
RT: 17.251 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

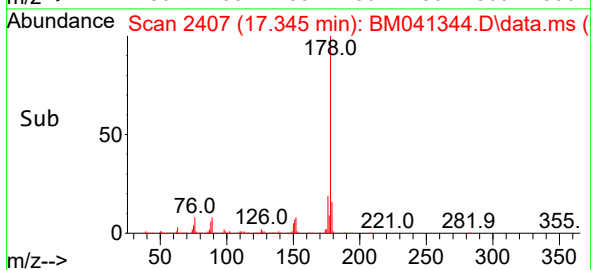
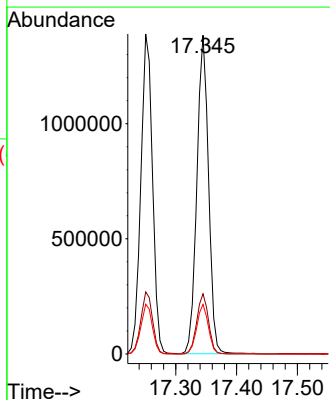
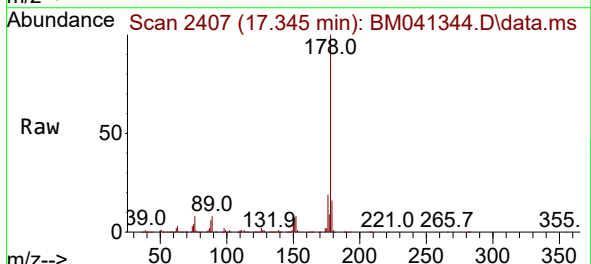
Instrument :
BNA_M
ClientSampleId :
PB154728BS

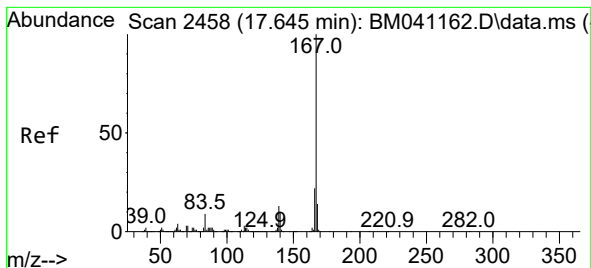
Tgt Ion:178 Resp: 1851708
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.6 12.1 18.1



#72
Anthracene
Concen: 45.166 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:178 Resp: 1840957
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.6 12.4 18.6





#73

Carbazole

Concen: 43.158 ng

RT: 17.627 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Instrument :

BNA_M

ClientSampleId :

PB154728BS

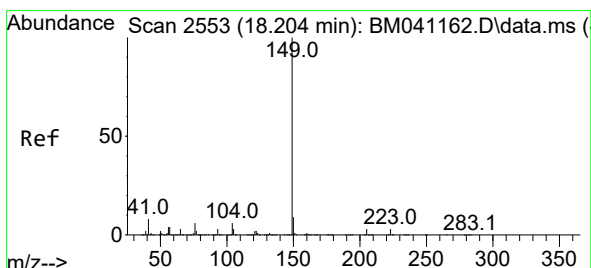
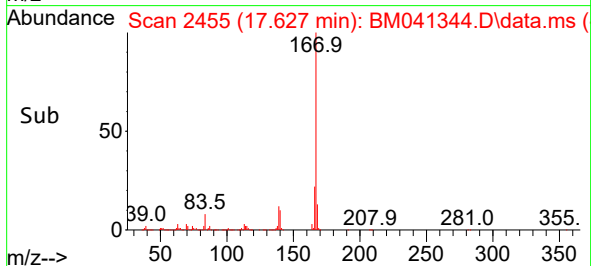
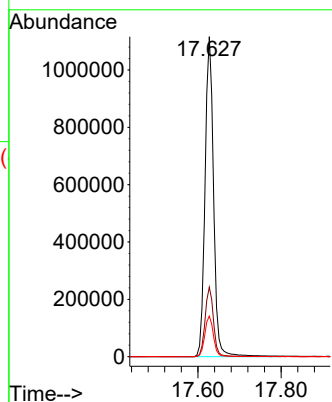
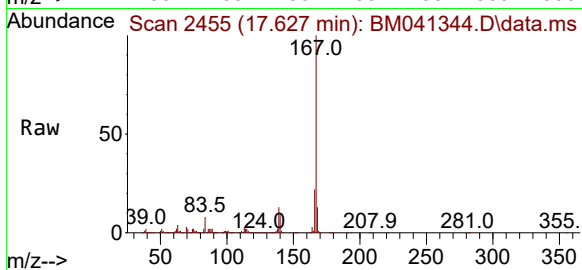
Tgt Ion:167 Resp: 1592144

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 12.7 10.3 15.5



#74

Di-n-butylphthalate

Concen: 51.397 ng

RT: 18.186 min Scan# 2550

Delta R.T. 0.006 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

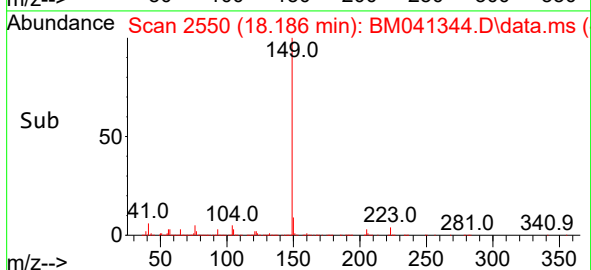
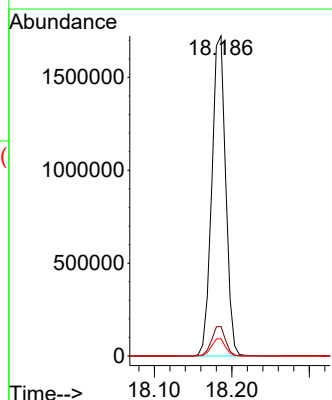
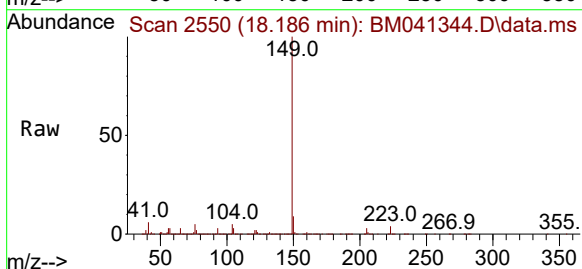
Tgt Ion:149 Resp: 2142639

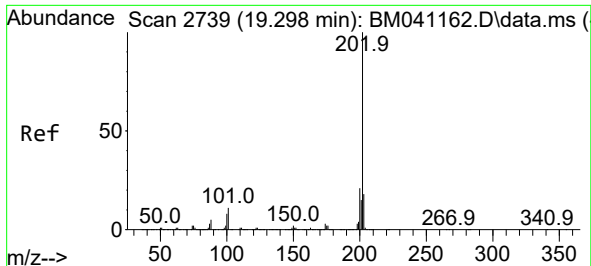
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.4 4.5 6.7

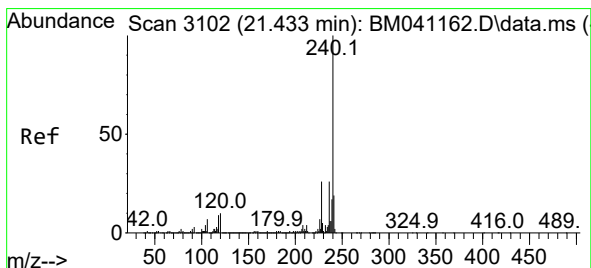
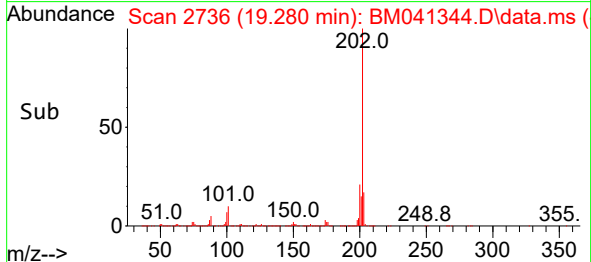
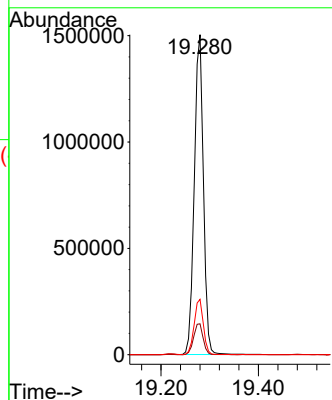
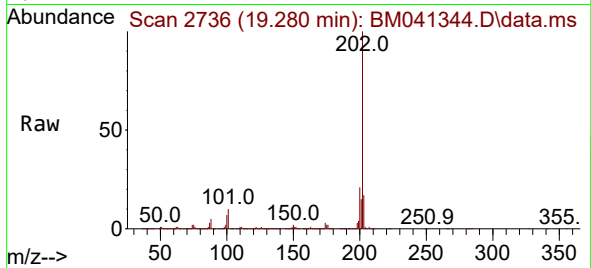




#75
Fluoranthene
Concen: 42.486 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

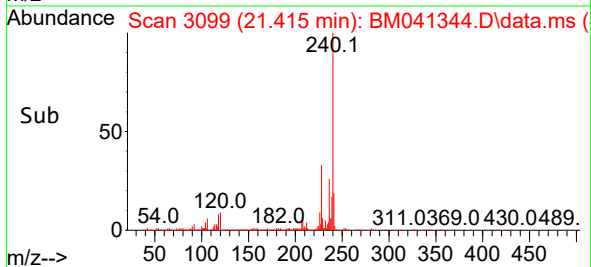
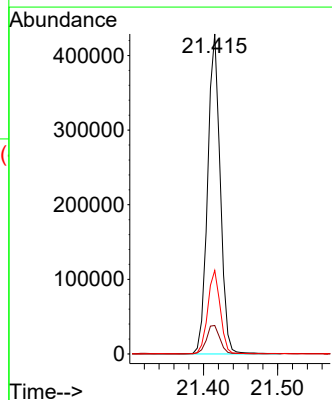
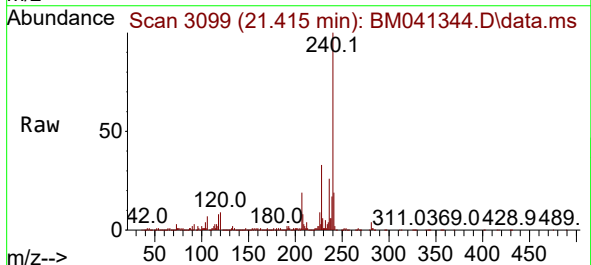
Instrument :
BNA_M
ClientSampleId :
PB154728BS

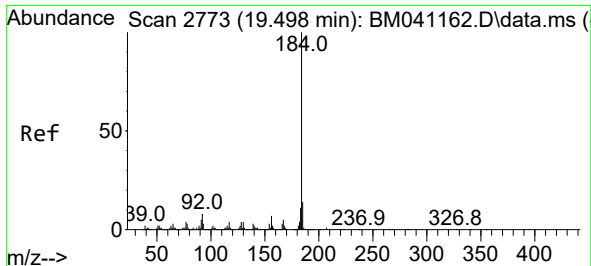
Tgt Ion:202 Resp: 1967165
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.8
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:240 Resp: 505915
Ion Ratio Lower Upper
240 100
120 8.9 8.3 12.5
236 26.1 20.6 30.8

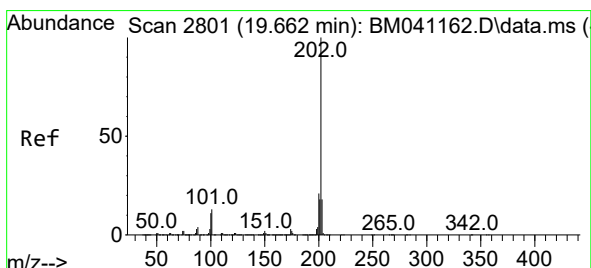
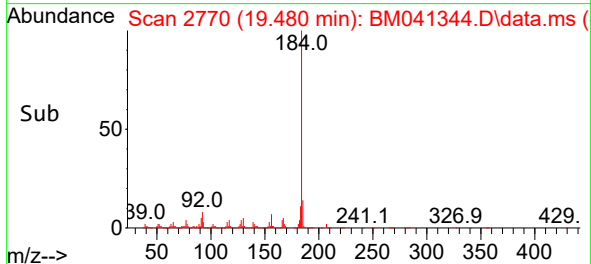
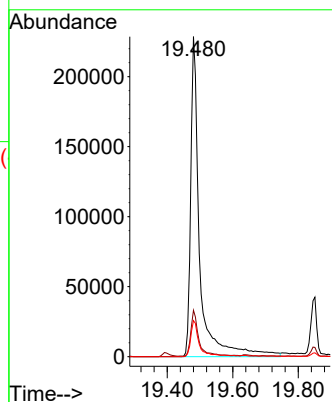
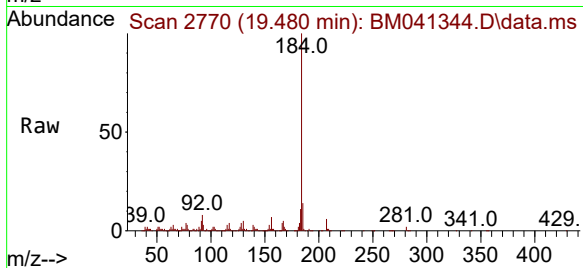




#77
Benzidine
Concen: 63.461 ng
RT: 19.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

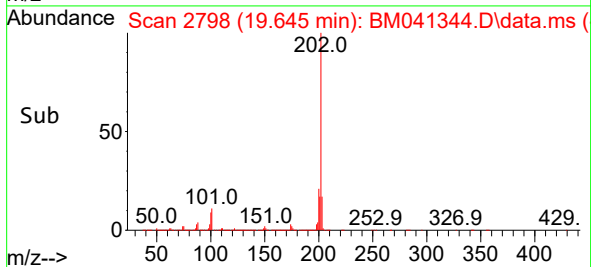
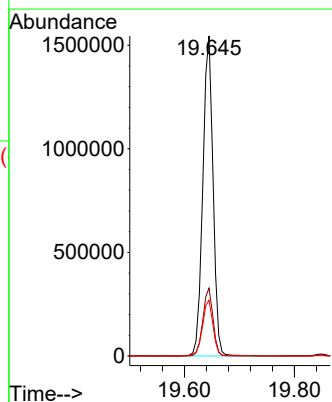
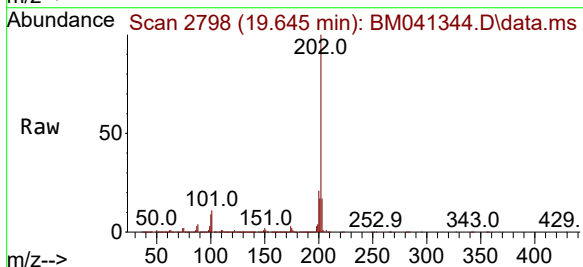
Instrument :
BNA_M
ClientSampleId :
PB154728BS

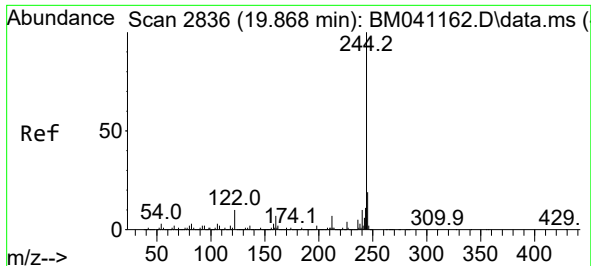
Tgt Ion:184 Resp: 437601
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 11.2 9.2 13.8



#78
Pyrene
Concen: 56.486 ng
RT: 19.645 min Scan# 2798
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:202 Resp: 1998422
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.5 14.1 21.1

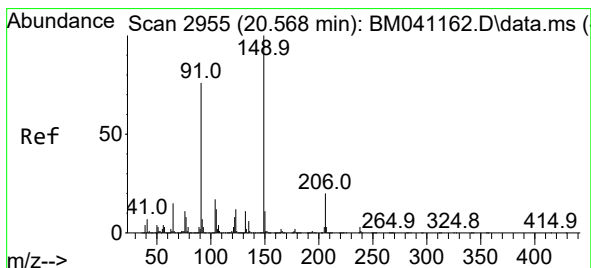
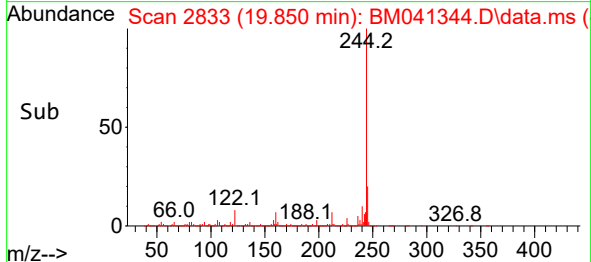
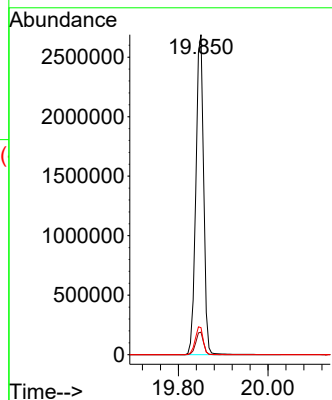
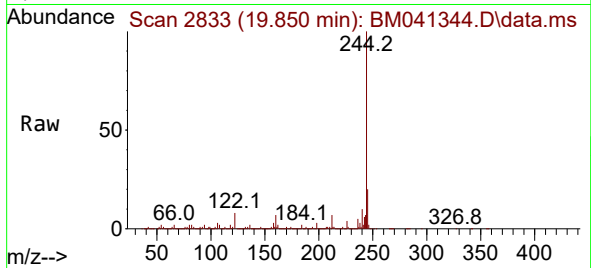




#79
 Terphenyl-d14
 Concen: 115.117 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041344.D
 Acq: 09 Aug 2023 17:53

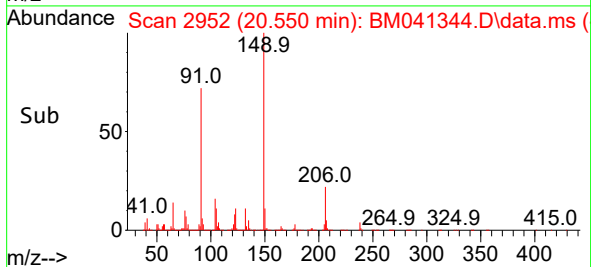
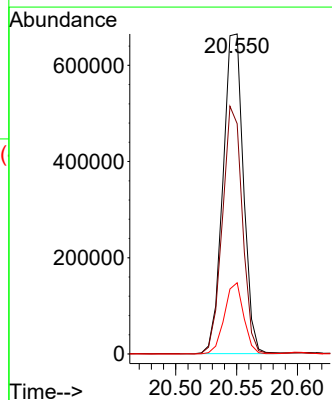
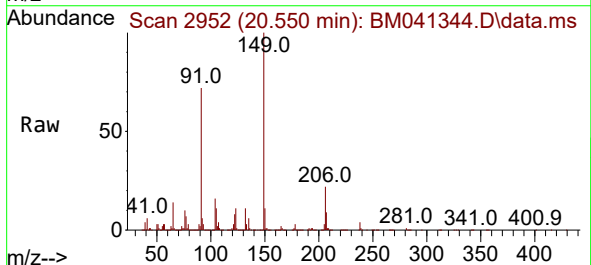
Instrument :
 BNA_M
 ClientSampleId :
 PB154728BS

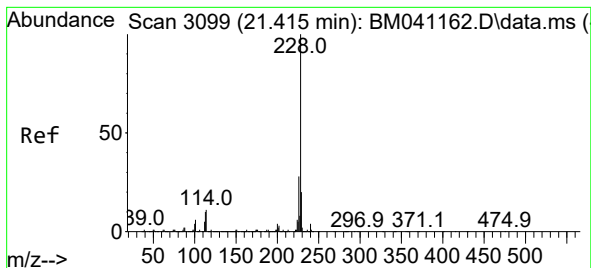
Tgt Ion:244 Resp: 3221105
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 8.5 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 60.279 ng
 RT: 20.550 min Scan# 2952
 Delta R.T. -0.000 min
 Lab File: BM041344.D
 Acq: 09 Aug 2023 17:53

Tgt Ion:149 Resp: 778800
 Ion Ratio Lower Upper
 149 100
 91 71.9 60.8 91.2
 206 22.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 48.059 ng

RT: 21.397 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Instrument :

BNA_M

ClientSampleId :

PB154728BS

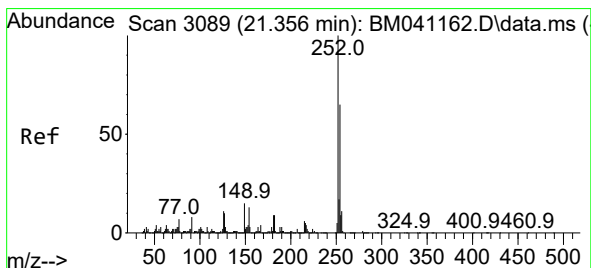
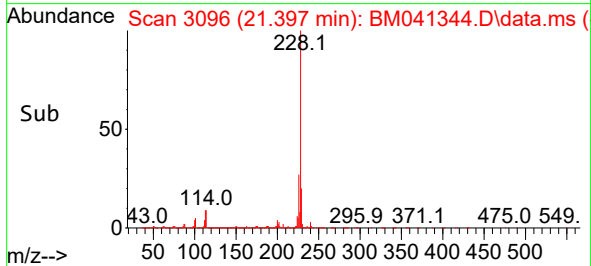
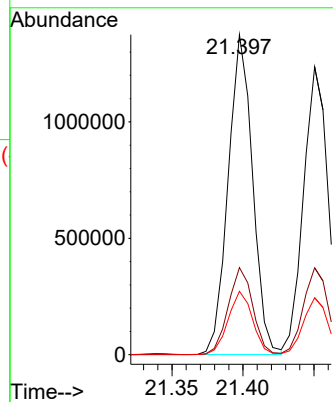
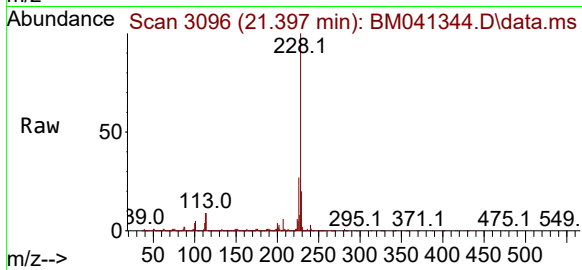
Tgt Ion:228 Resp: 1648273

Ion Ratio Lower Upper

228 100

226 27.2 22.4 33.6

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 36.522 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

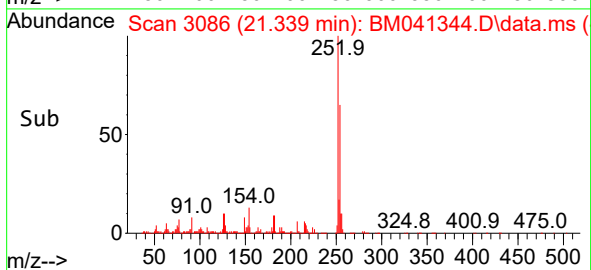
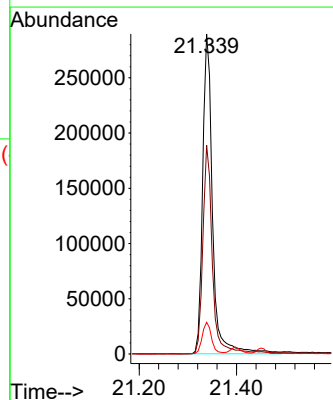
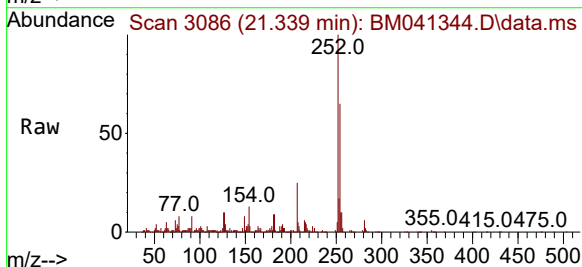
Tgt Ion:252 Resp: 408734

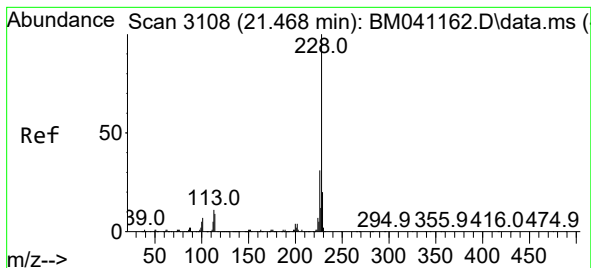
Ion Ratio Lower Upper

252 100

254 65.3 51.8 77.6

126 9.9 8.6 13.0





#83

Chrysene

Concen: 45.314 ng

RT: 21.450 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Instrument :

BNA_M

ClientSampleId :

PB154728BS

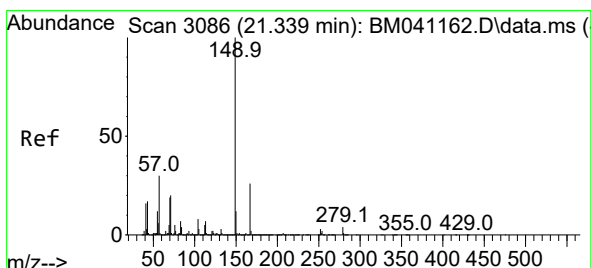
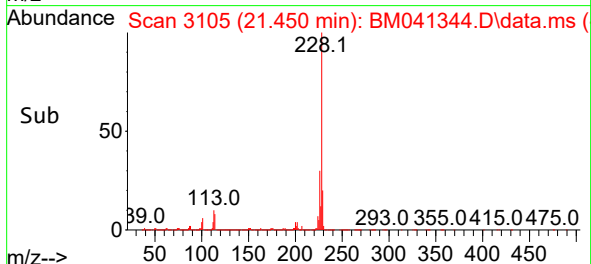
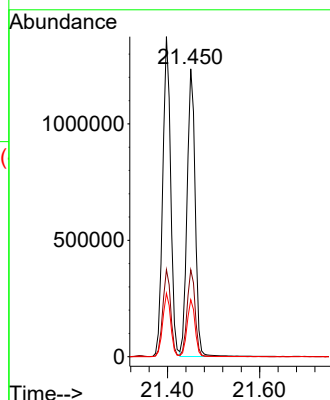
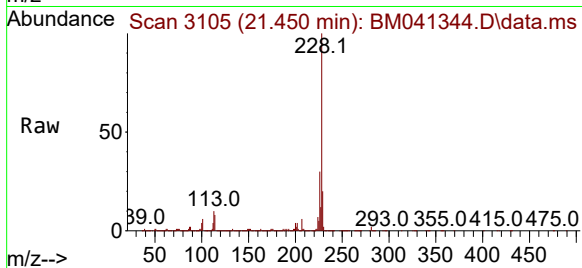
Tgt Ion:228 Resp: 1503232

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.265 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

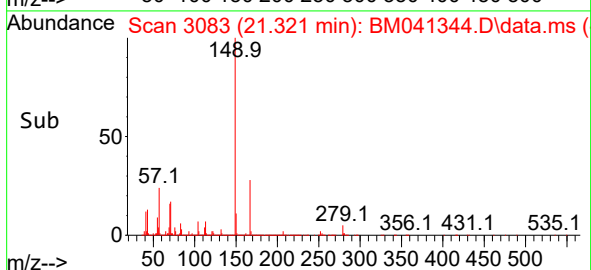
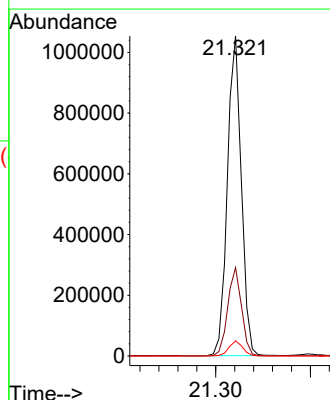
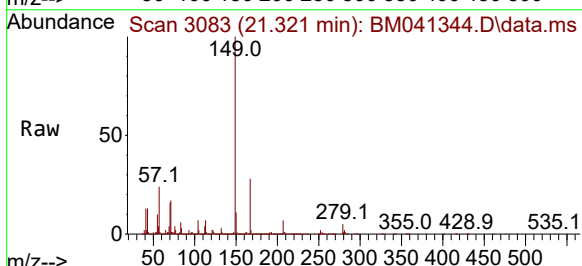
Tgt Ion:149 Resp: 1077231

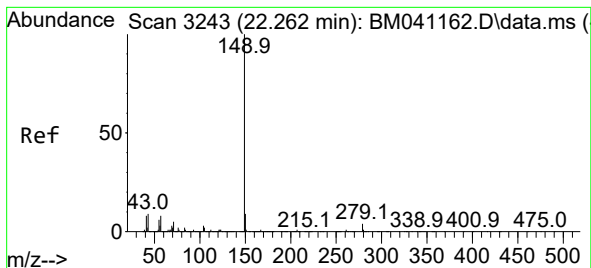
Ion Ratio Lower Upper

149 100

167 27.6 21.0 31.6

279 4.7 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 51.277 ng

RT: 22.233 min Scan# 301

Delta R.T. -0.006 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Instrument :

BNA_M

ClientSampleId :

PB154728BS

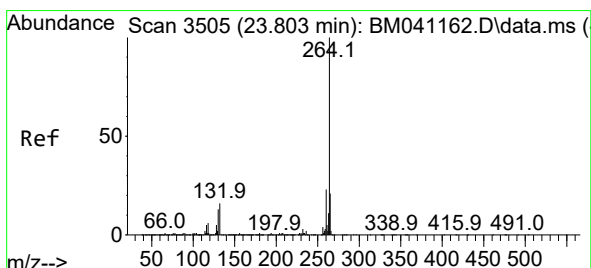
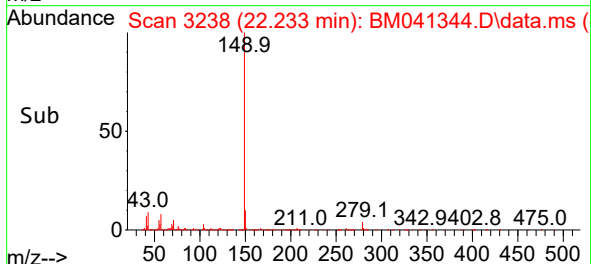
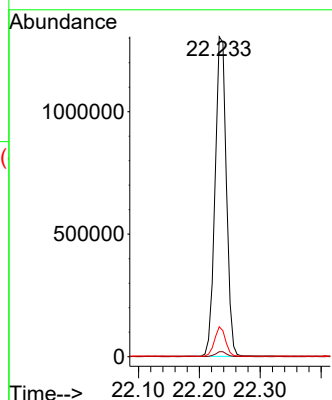
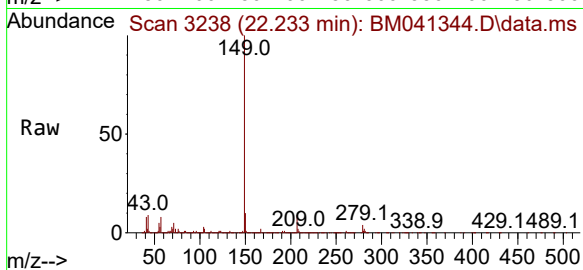
Tgt Ion:149 Resp: 1674333

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3501

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

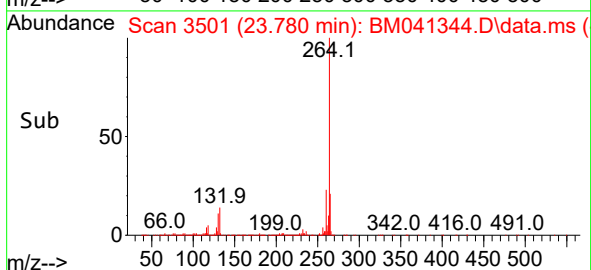
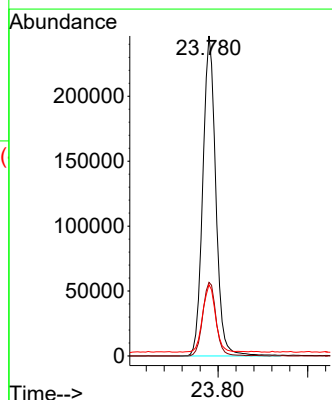
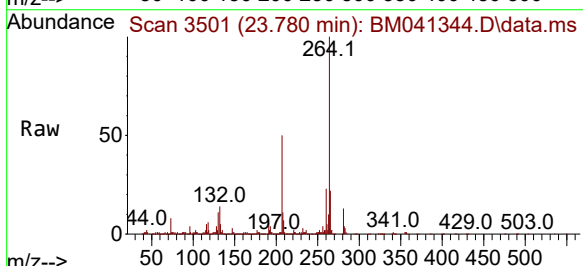
Tgt Ion:264 Resp: 495625

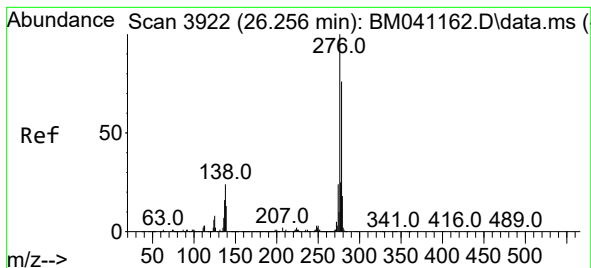
Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 22.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.657 ng

RT: 26.232 min Scan# 3918

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

Instrument :

BNA_M

ClientSampleId :

PB154728BS

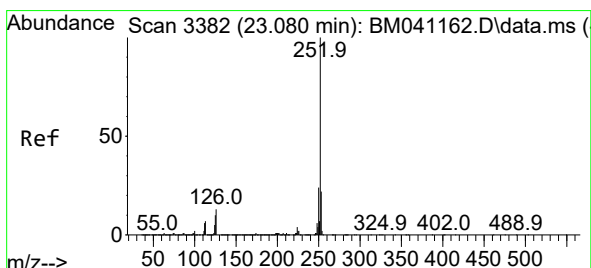
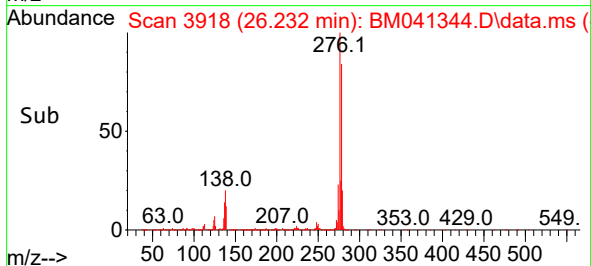
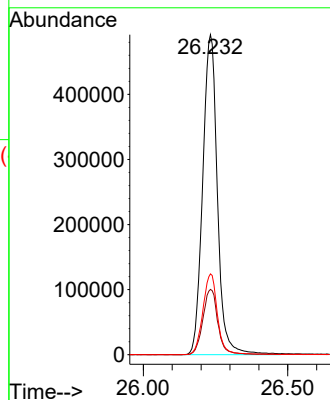
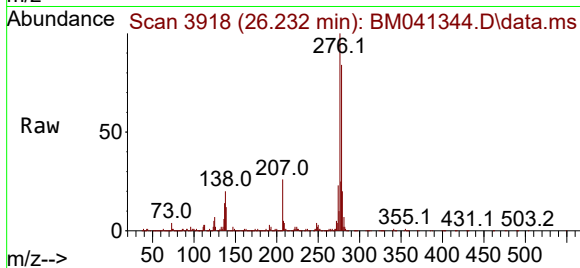
Tgt Ion:276 Resp: 1736581

Ion Ratio Lower Upper

276 100

138 20.8 20.0 30.0

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 49.604 ng

RT: 23.062 min Scan# 3379

Delta R.T. -0.000 min

Lab File: BM041344.D

Acq: 09 Aug 2023 17:53

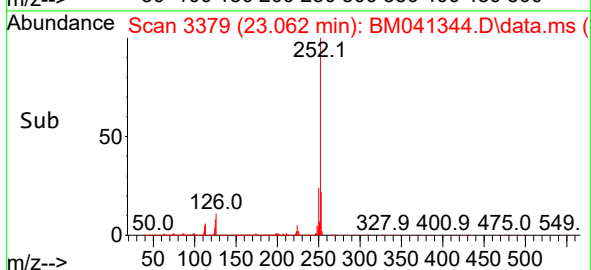
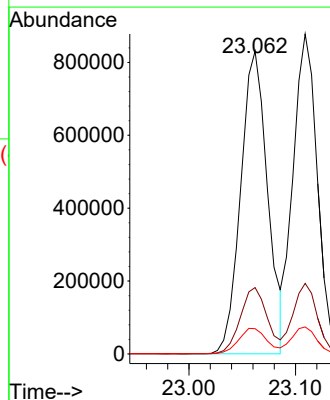
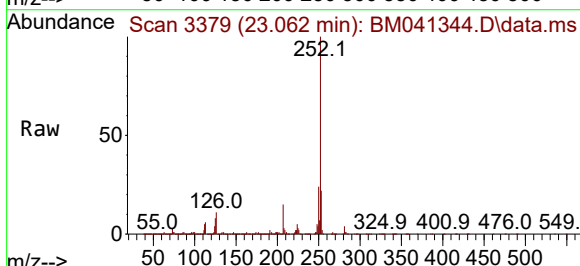
Tgt Ion:252 Resp: 1460507

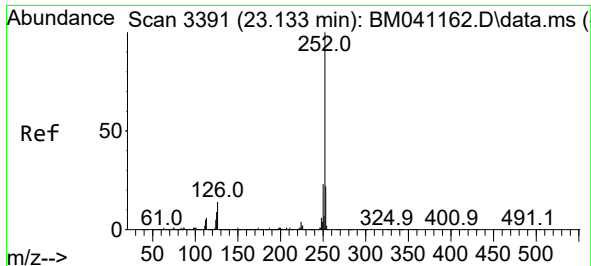
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.4 8.2 12.4

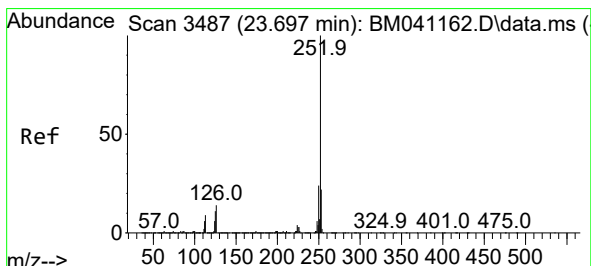
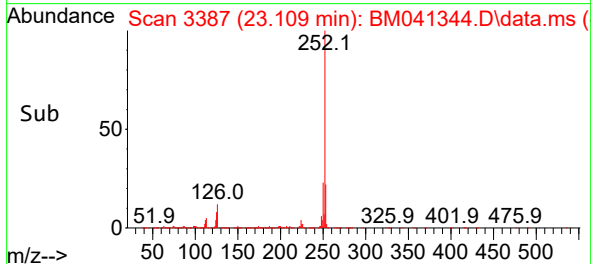
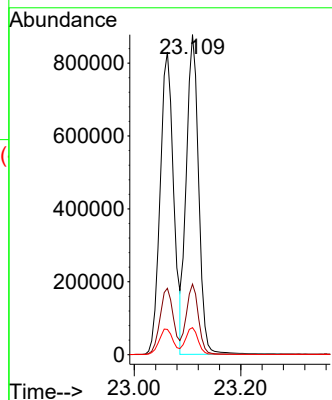
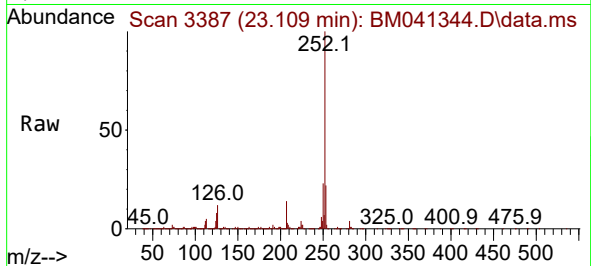




#89
Benzo(k)fluoranthene
Concen: 46.570 ng
RT: 23.109 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

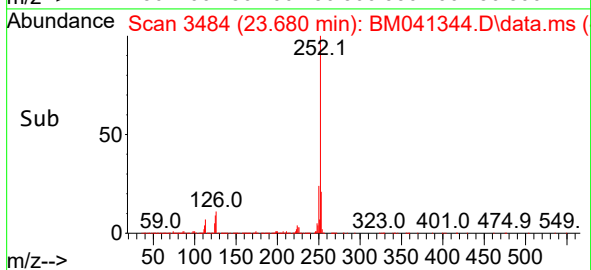
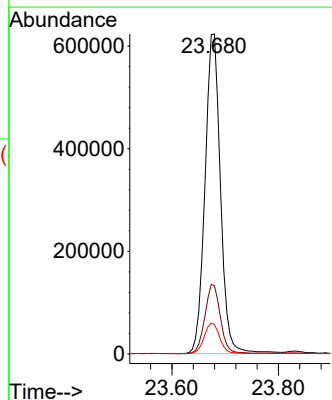
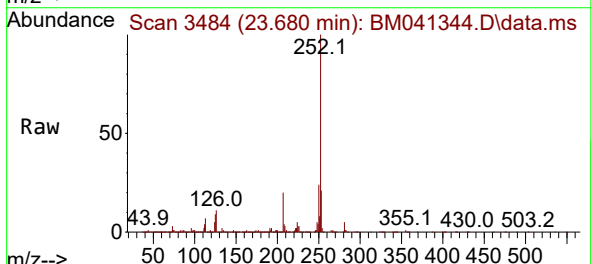
Instrument :
BNA_M
ClientSampleId :
PB154728BS

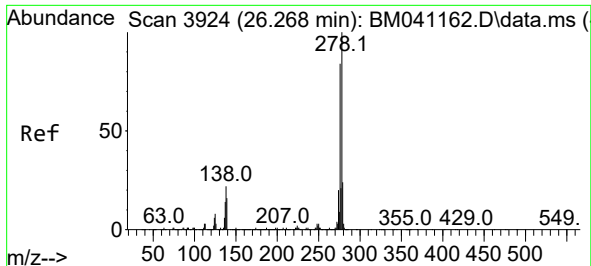
Tgt Ion:252 Resp: 1402590
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.5 7.6 11.4



#90
Benzo(a)pyrene
Concen: 44.502 ng
RT: 23.680 min Scan# 3484
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:252 Resp: 1258991
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 9.1 9.0 13.4

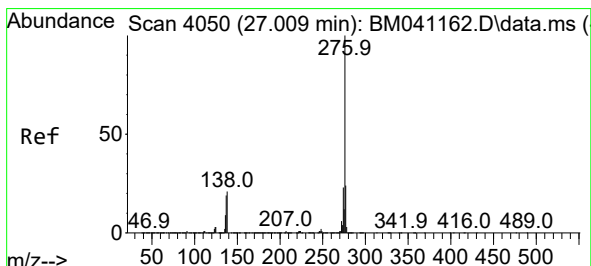
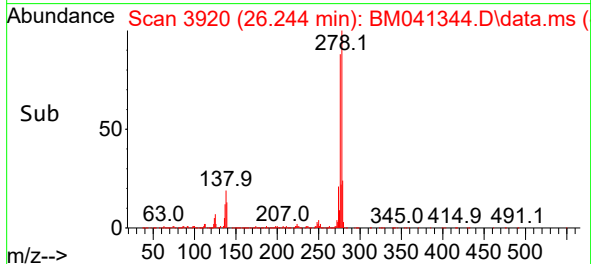
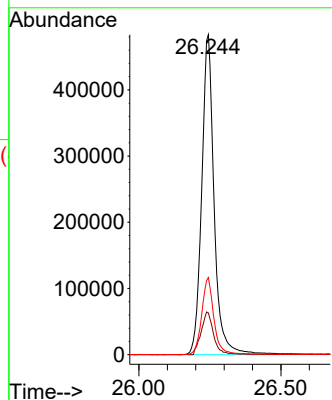
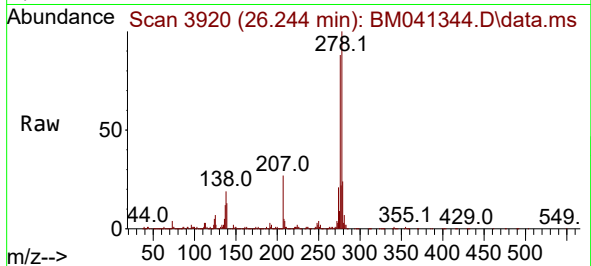




#91
Dibenzo(a,h)anthracene
Concen: 48.236 ng
RT: 26.244 min Scan# 3920
Delta R.T. -0.000 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Instrument :
BNA_M
ClientSampleId :
PB154728BS

Tgt Ion:278 Resp: 1466051
Ion Ratio Lower Upper
278 100
139 13.1 12.7 19.1
279 24.1 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 45.390 ng
RT: 26.991 min Scan# 4047
Delta R.T. 0.006 min
Lab File: BM041344.D
Acq: 09 Aug 2023 17:53

Tgt Ion:276 Resp: 1349885
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 18.1 17.1 25.7

