

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041256.D
 Acq On : 03 Aug 2023 10:48
 Operator : MA/JU
 Sample : PB154308BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154308BS

Quant Time: Aug 04 01:15:25 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 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	125432	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	529462	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	342467	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	764469	20.000	ng	0.00
76) Chrysene-d12	21.427	240	683703	20.000	ng	0.00
86) Perylene-d12	23.797	264	739143	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	120421	14.349	ng	0.00
7) Phenol-d6	6.975	99	156440	14.381	ng	0.00
23) Nitrobenzene-d5	8.969	82	99501	8.740	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	71550	14.771	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	240149	8.858	ng	0.00
79) Terphenyl-d14	19.856	244	392147	10.370	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	16314	4.544	ng	97
3) Pyridine	3.675	79	37812	4.006	ng	94
4) n-Nitrosodimethylamine	3.587	42	19680	4.508	ng	# 97
6) Aniline	7.128	93	57753	4.536	ng	96
8) 2-Chlorophenol	7.357	128	44314	5.409	ng	97
9) Benzaldehyde	6.940	77	27616	4.811	ng	96
10) Phenol	7.004	94	57950	5.515	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	44793	5.267	ng	96
12) 1,3-Dichlorobenzene	7.681	146	48586	5.448	ng	98
13) 1,4-Dichlorobenzene	7.828	146	49349	5.505	ng	97
14) 1,2-Dichlorobenzene	8.145	146	47337	5.508	ng	98
15) Benzyl Alcohol	8.051	79	42445	6.178	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.334	45	56290	4.967	ng	93
17) 2-Methylphenol	8.257	107	38546	5.370	ng	98
18) Hexachloroethane	8.863	117	18563	5.562	ng	88
19) n-Nitroso-di-n-propyla...	8.610	70	37150	5.622	ng	95
20) 3+4-Methylphenols	8.587	107	51241	5.339	ng	93
22) Acetophenone	8.628	105	67202	4.792	ng	98
24) Nitrobenzene	9.010	77	51752	4.495	ng	98
25) Isophorone	9.534	82	97880	5.065	ng	99
26) 2-Nitrophenol	9.722	139	23655	5.256	ng	98
27) 2,4-Dimethylphenol	9.786	122	41775	5.275	ng	99
28) bis(2-Chloroethoxy)met...	10.022	93	59403	4.907	ng	98
29) 2,4-Dichlorophenol	10.263	162	42849	5.365	ng	98
30) 1,2,4-Trichlorobenzene	10.463	180	46120	5.226	ng	98
31) Naphthalene	10.651	128	140575	4.893	ng	99
32) Benzoic acid	9.892	122	26056	10.883	ng	97
33) 4-Chloroaniline	10.781	127	51367	4.474	ng	99
34) Hexachlorobutadiene	10.922	225	28716	5.411	ng	96
35) Caprolactam	11.575	113	13742	5.948	ng	92
36) 4-Chloro-3-methylphenol	11.916	107	46391	5.518	ng	97
37) 2-Methylnaphthalene	12.269	142	97753	5.047	ng	99
38) 1-Methylnaphthalene	12.492	142	91674	5.057	ng	97
40) 1,2,4,5-Tetrachloroben...	12.639	216	52412	4.713	ng	98
41) Hexachlorocyclopentadiene	12.604	237	52053	8.848	ng	99
43) 2,4,6-Trichlorophenol	12.892	196	36230	5.083	ng	99

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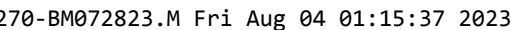
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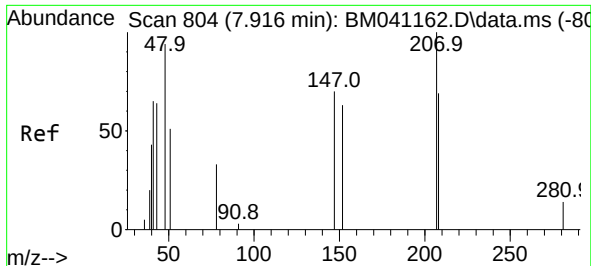
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	39718	4.815	ng	98
46) 1,1'-Biphenyl	13.286	154	129073	4.649	ng	98
47) 2-Chloronaphthalene	13.333	162	101298	4.887	ng	98
48) 2-Nitroaniline	13.557	65	30524	4.613	ng	96
49) Acenaphthylene	14.180	152	159911	4.779	ng	100
50) Dimethylphthalate	13.922	163	129515	5.028	ng	99
51) 2,6-Dinitrotoluene	14.057	165	26370	4.940	ng	96
52) Acenaphthene	14.527	154	97156	4.820	ng	99
53) 3-Nitroaniline	14.392	138	24340	6.307	ng	97
54) 2,4-Dinitrophenol	14.610	184	27646	12.945	ng	95
55) Dibenzofuran	14.863	168	161120	4.899	ng	100
56) 4-Nitrophenol	14.727	139	43982	9.887	ng	98
57) 2,4-Dinitrotoluene	14.851	165	35191	7.030	ng	98
58) Fluorene	15.515	166	129416	4.988	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	37333	5.589	ng	96
60) Diethylphthalate	15.292	149	134698	5.407	ng	98
61) 4-Chlorophenyl-phenylether	15.510	204	66908	5.146	ng	97
62) 4-Nitroaniline	15.563	138	23201	7.871	ng	97
63) Azobenzene	15.804	77	126253	4.627	ng	96
65) 4,6-Dinitro-2-methylph...	15.621	198	18515	3.998	ng	92
66) n-Nitrosodiphenylamine	15.727	169	109599	4.610	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	41083	4.901	ng	98
68) Hexachlorobenzene	16.515	284	48536	5.208	ng	98
69) Atrazine	16.692	200	40368	6.465	ng	99
70) Pentachlorophenol	16.874	266	57851	8.964	ng	95
71) Phenanthrene	17.262	178	202188	4.760	ng	99
72) Anthracene	17.357	178	200964	4.784	ng	100
73) Carbazole	17.639	167	183145	4.817	ng	99
74) Di-n-butylphthalate	18.192	149	240219	5.591	ng	100
75) Fluoranthene	19.292	202	234239	4.909	ng	97
77) Benzidine	19.498	184	70224	7.536	ng	100
78) Pyrene	19.656	202	245010	5.124	ng	100
80) Butylbenzylphthalate	20.556	149	105415	6.037	ng	98
81) Benzo(a)anthracene	21.409	228	232612	5.019	ng	98
82) 3,3'-Dichlorobenzidine	21.350	252	81846	5.412	ng	99
83) Chrysene	21.462	228	207405	4.626	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	168473	8.294	ng	# 96
85) Di-n-octyl phthalate	22.250	149	258193	5.851	ng	97
87) Indeno(1,2,3-cd)pyrene	26.244	276	243537	4.481	ng	98
88) Benzo(b)fluoranthene	23.074	252	215859	4.916	ng	100
89) Benzo(k)fluoranthene	23.121	252	216624	4.823	ng	98
90) Benzo(a)pyrene	23.691	252	191754	4.545	ng	99
91) Dibenzo(a,h)anthracene	26.262	278	205723	4.539	ng	99
92) Benzo(g,h,i)perylene	26.997	276	199683	4.502	ng	96

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

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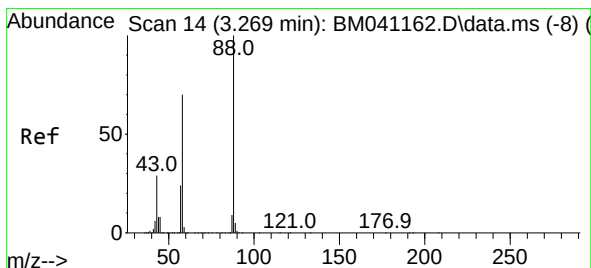
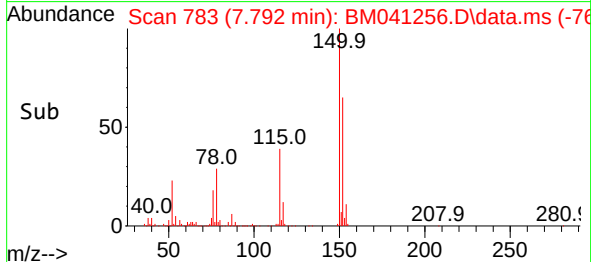
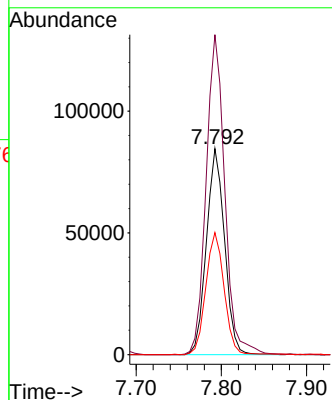
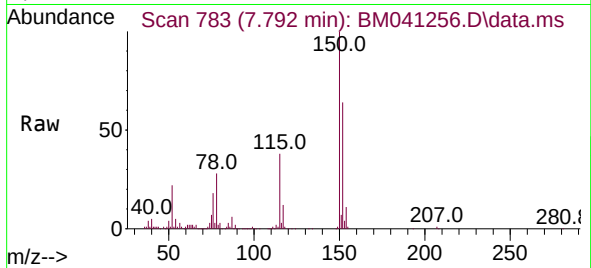




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BM041256.D
 Acq: 03 Aug 2023 10:48

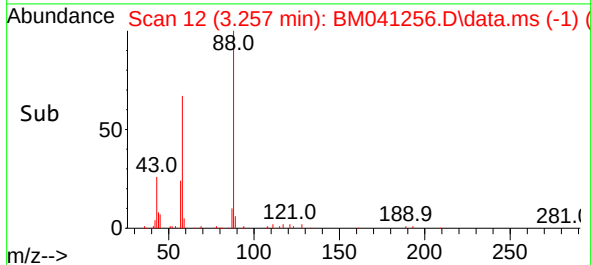
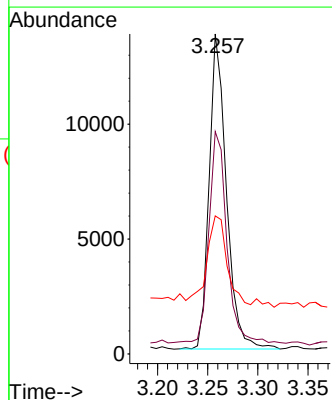
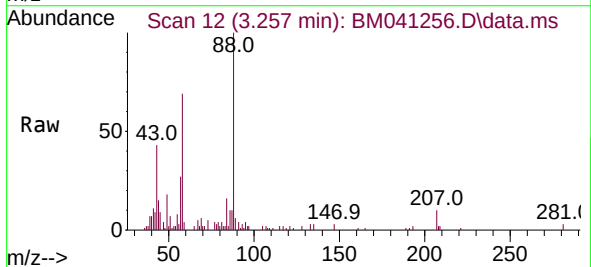
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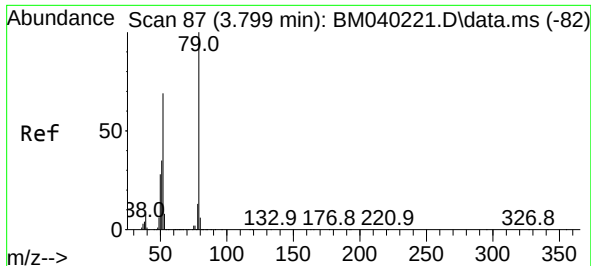
Tgt Ion:152 Resp: 125432
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.5 188.3
 115 59.2 48.0 72.0



#2
 1,4-Dioxane
 Concen: 4.544 ng
 RT: 3.257 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: BM041256.D
 Acq: 03 Aug 2023 10:48

Tgt Ion: 88 Resp: 16314
 Ion Ratio Lower Upper
 88 100
 58 70.0 58.2 87.4
 43 32.4 24.4 36.6

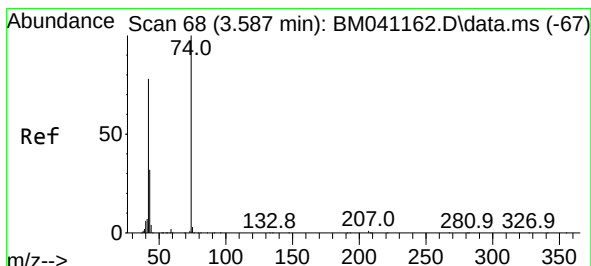
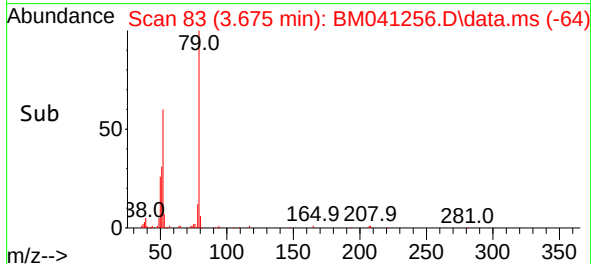
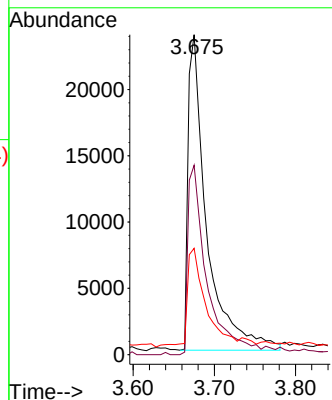
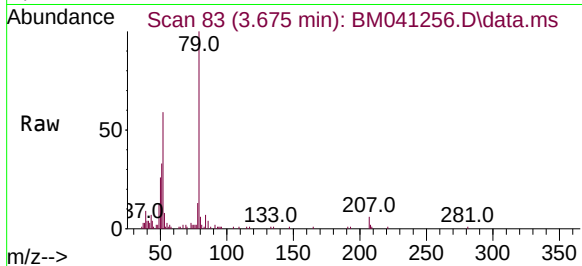




#3
 Pyridine
 Concen: 4.006 ng
 RT: 3.675 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: BM041256.D
 Acq: 03 Aug 2023 10:48

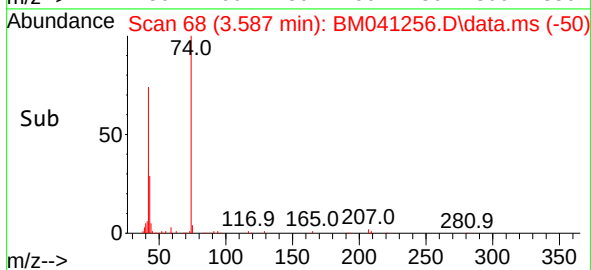
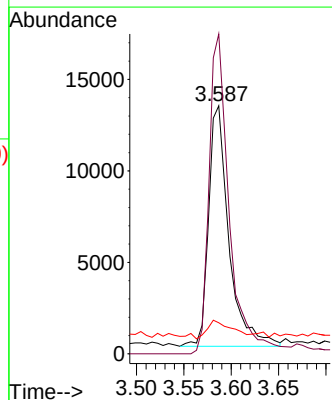
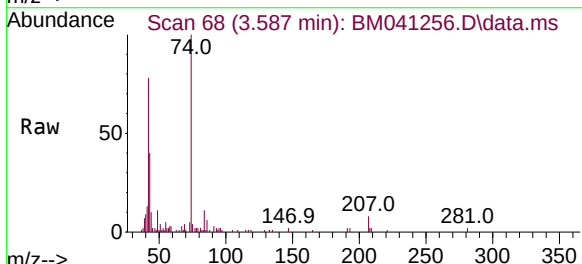
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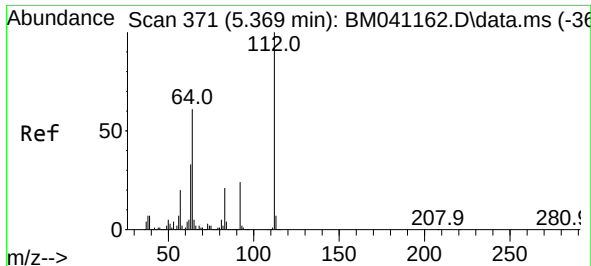
Tgt Ion: 79 Resp: 37812
 Ion Ratio Lower Upper
 79 100
 52 59.2 52.1 78.1
 51 33.2 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 4.508 ng
 RT: 3.587 min Scan# 68
 Delta R.T. 0.006 min
 Lab File: BM041256.D
 Acq: 03 Aug 2023 10:48

Tgt Ion: 42 Resp: 19680
 Ion Ratio Lower Upper
 42 100
 74 129.0 100.8 151.2
 44 12.6 5.0 7.4

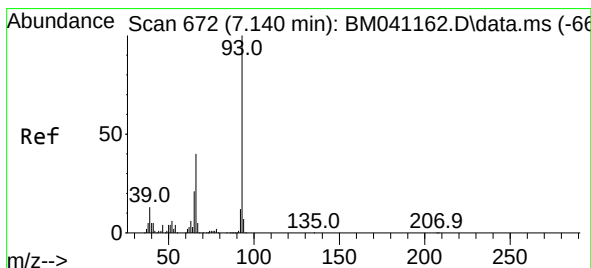
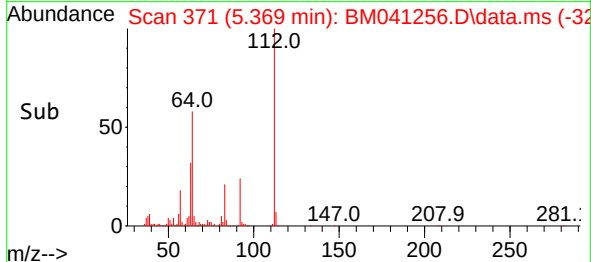
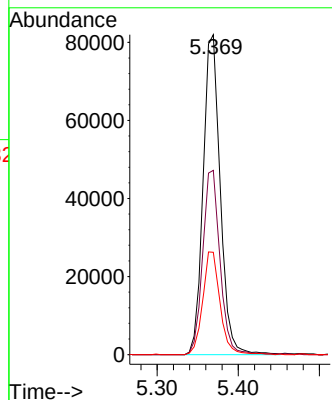
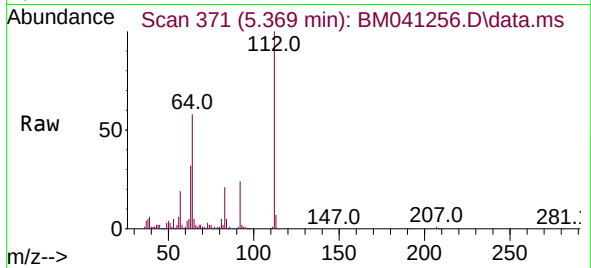




#5
2-Fluorophenol
Concen: 14.349 ng
RT: 5.369 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

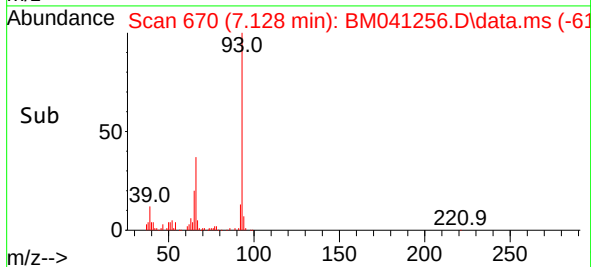
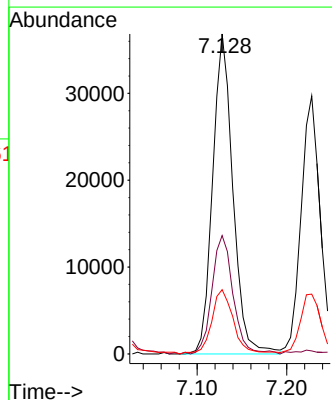
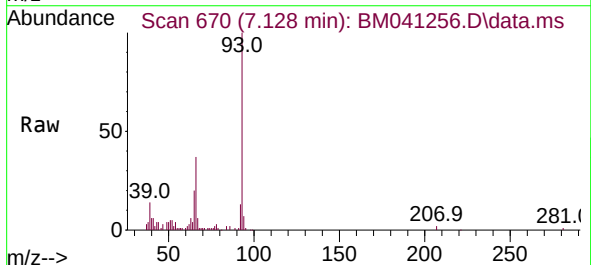
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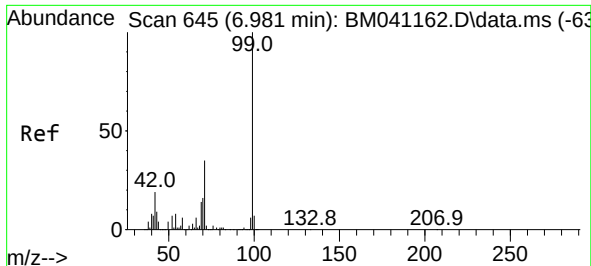
Tgt Ion:112 Resp: 120421
Ion Ratio Lower Upper
112 100
64 57.6 48.5 72.7
63 32.0 26.5 39.7



#6
Aniline
Concen: 4.536 ng
RT: 7.128 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion: 93 Resp: 57753
Ion Ratio Lower Upper
93 100
66 37.0 32.0 48.0
65 20.1 16.6 24.8

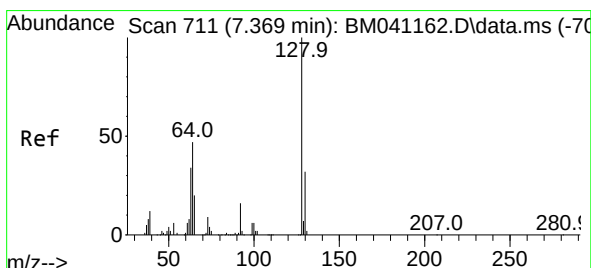
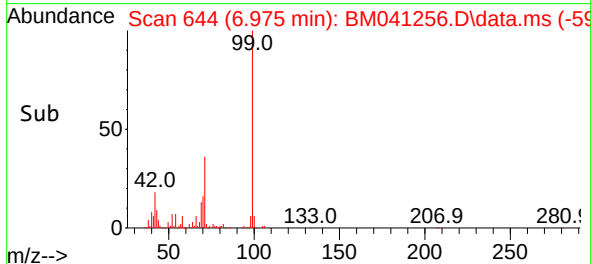
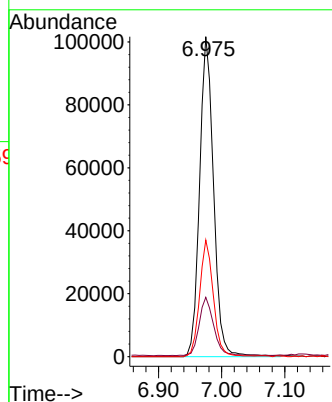
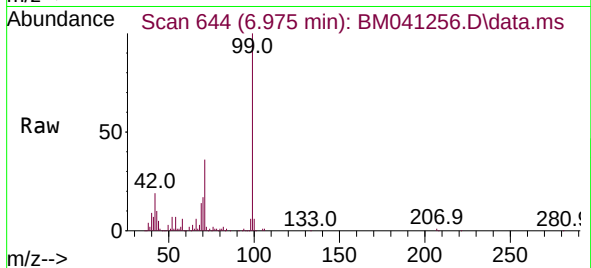




#7
Phenol-d6
Concen: 14.381 ng
RT: 6.975 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

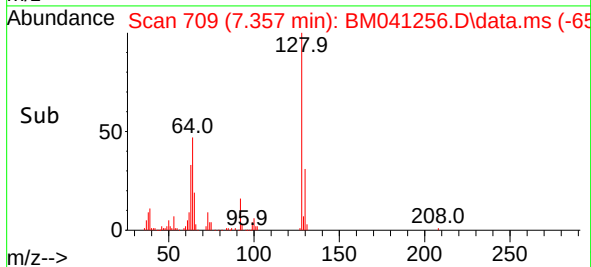
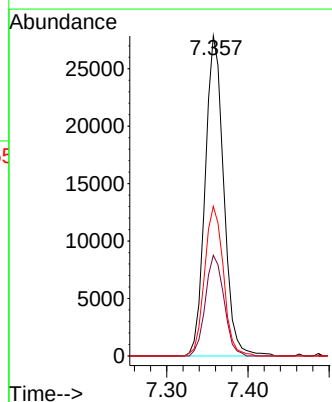
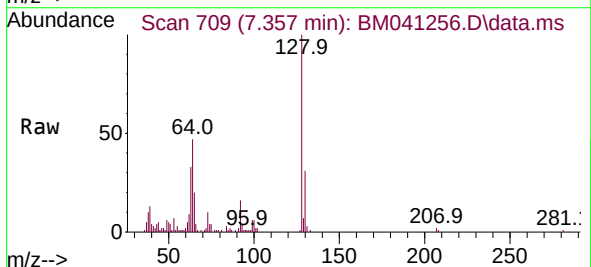
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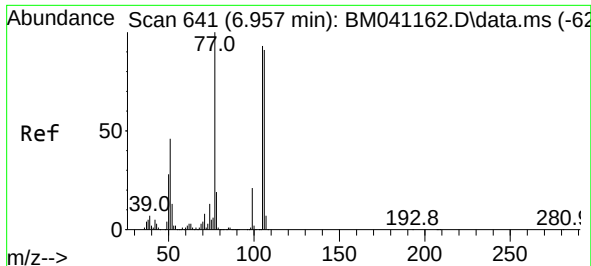
Tgt Ion: 99 Resp: 156440
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 36.4 28.2 42.4



#8
2-Chlorophenol
Concen: 5.409 ng
RT: 7.357 min Scan# 709
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion: 128 Resp: 44314
Ion Ratio Lower Upper
128 100
130 31.4 12.3 52.3
64 46.7 29.3 69.3

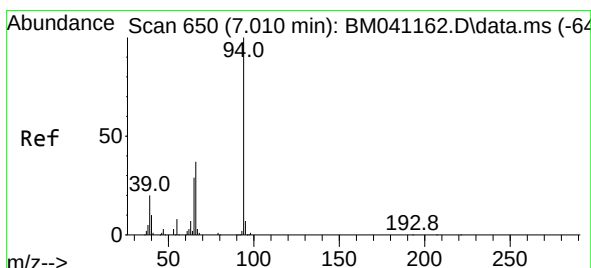
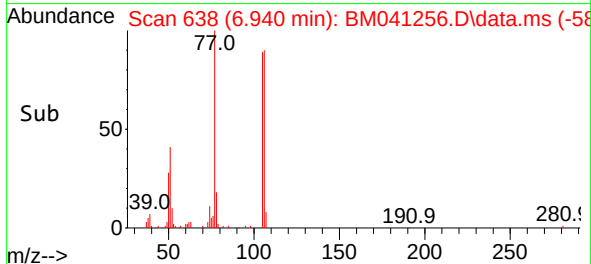
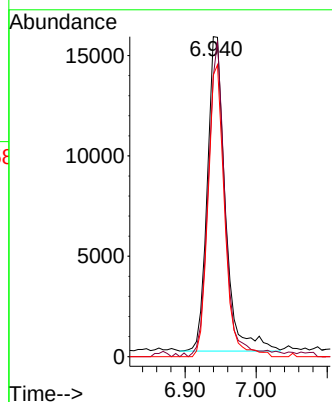
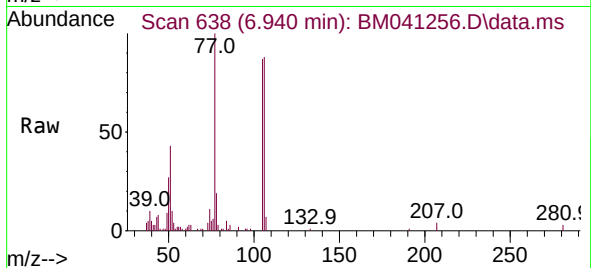




#9
Benzaldehyde
Concen: 4.811 ng
RT: 6.940 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

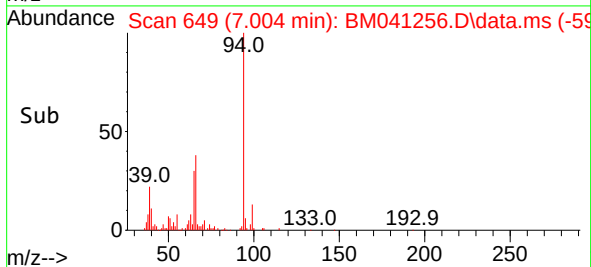
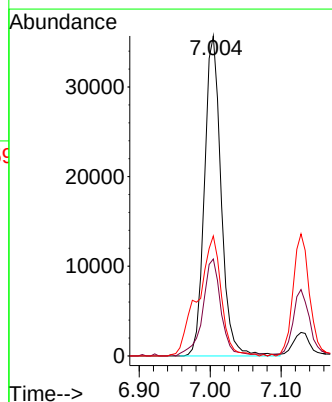
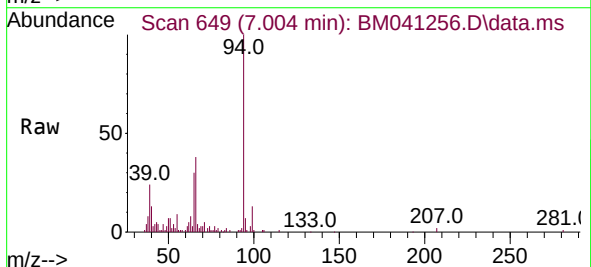
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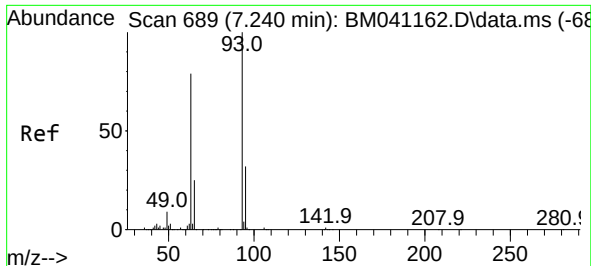
Tgt Ion: 77 Resp: 27616
Ion Ratio Lower Upper
77 100
105 87.5 72.8 112.8
106 88.0 70.8 110.8



#10
Phenol
Concen: 5.515 ng
RT: 7.004 min Scan# 649
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 57950
Ion Ratio Lower Upper
94 100
65 30.3 9.5 49.5
66 37.5 18.0 58.0

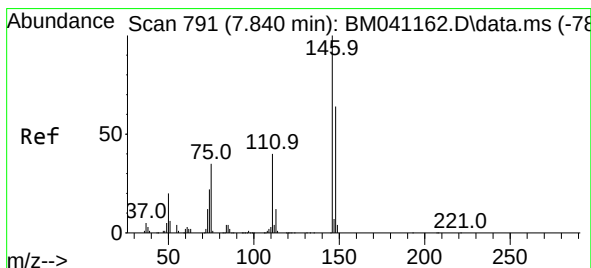
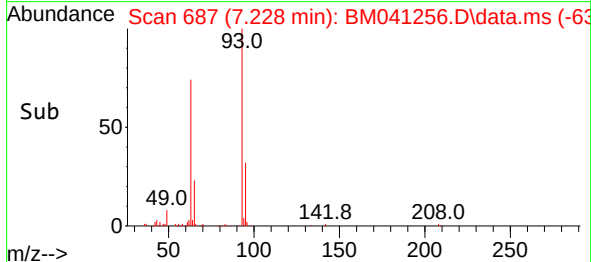
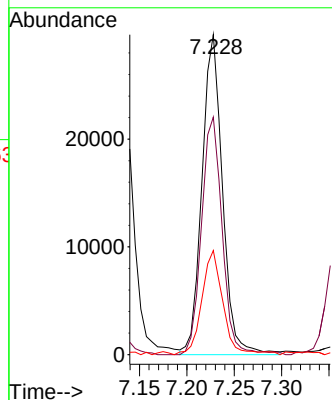
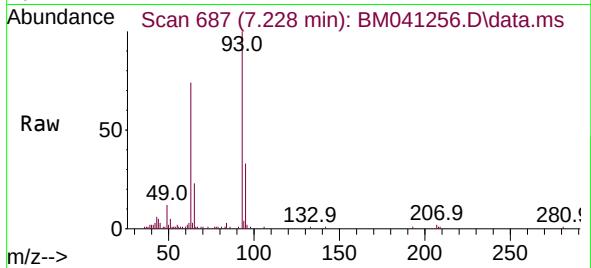




#11
bis(2-Chloroethyl)ether
Concen: 5.267 ng
RT: 7.228 min Scan# 689
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

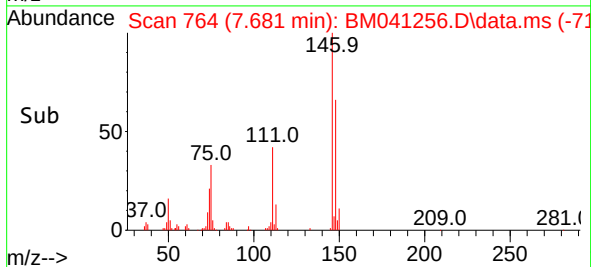
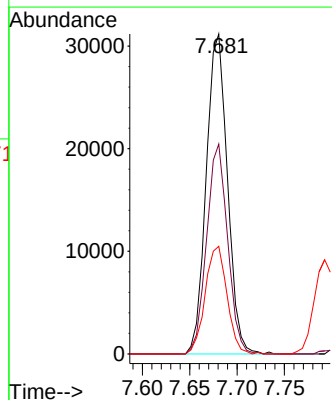
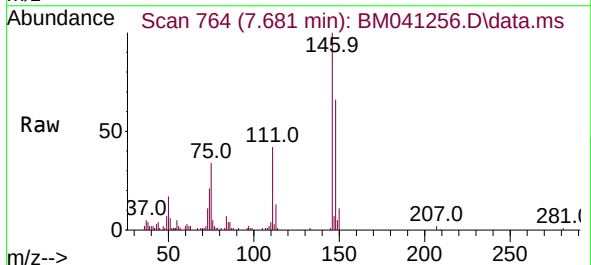
Instrument :
BNA_M
ClientSampleId :
PB154308BS

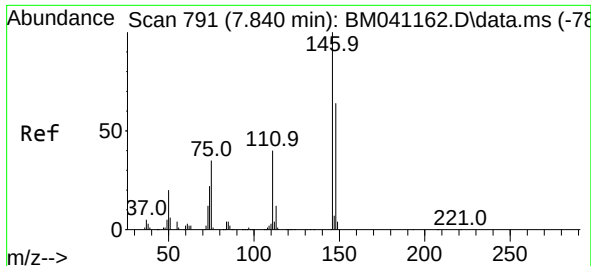
Tgt Ion: 93 Resp: 44793
Ion Ratio Lower Upper
93 100
63 74.2 58.8 98.8
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 5.448 ng
RT: 7.681 min Scan# 764
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion: 146 Resp: 48586
Ion Ratio Lower Upper
146 100
148 65.6 51.9 77.9
75 33.6 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 5.505 ng

RT: 7.828 min Scan# 789

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

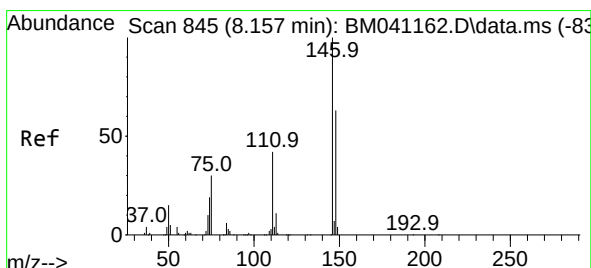
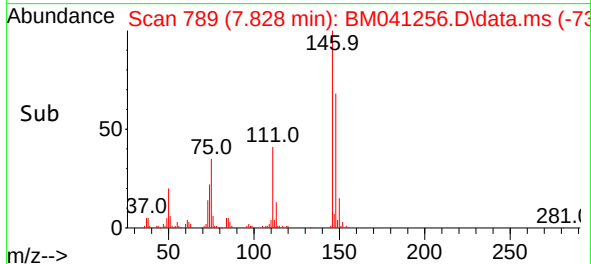
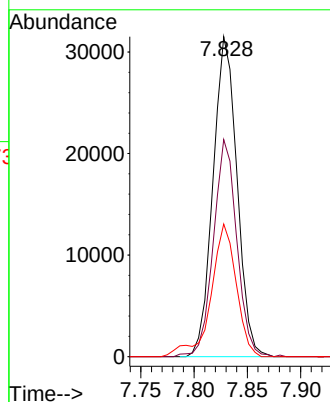
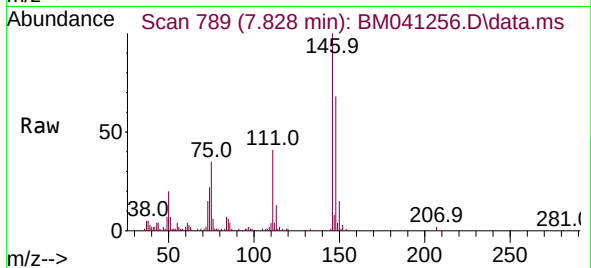
Tgt Ion:146 Resp: 49349

Ion Ratio Lower Upper

146 100

148 67.8 51.4 77.0

111 41.4 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 5.508 ng

RT: 8.145 min Scan# 843

Delta R.T. -0.000 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

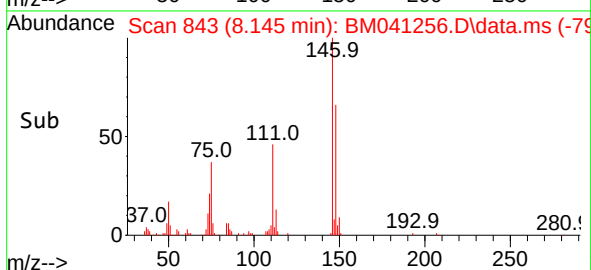
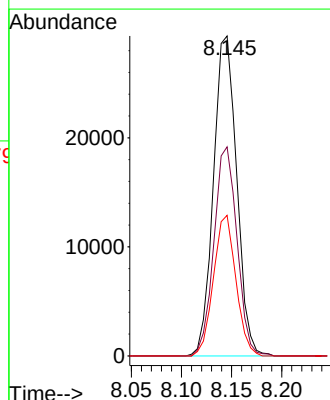
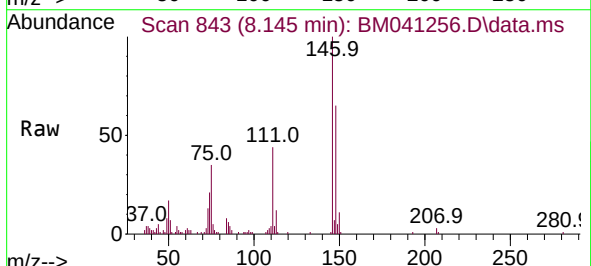
Tgt Ion:146 Resp: 47337

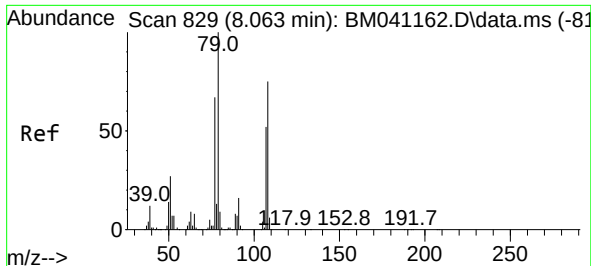
Ion Ratio Lower Upper

146 100

148 65.3 50.9 76.3

111 43.9 33.8 50.6

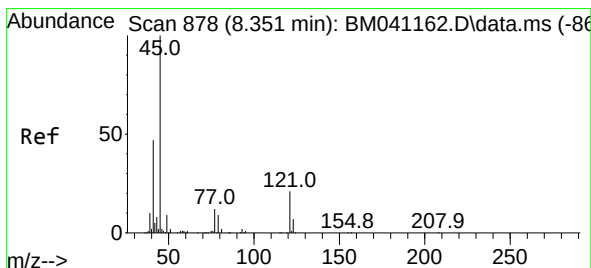
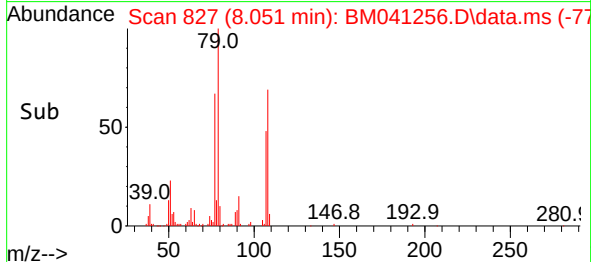
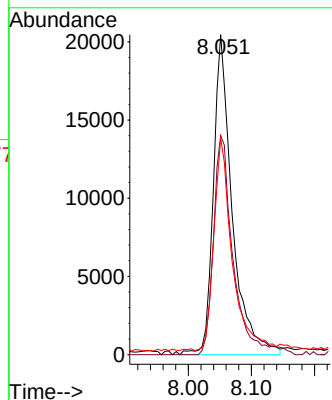
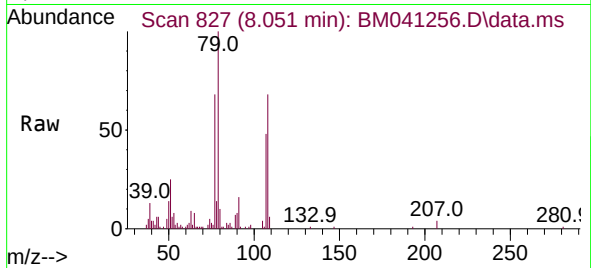




#15
Benzyl Alcohol
Concen: 6.178 ng
RT: 8.051 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

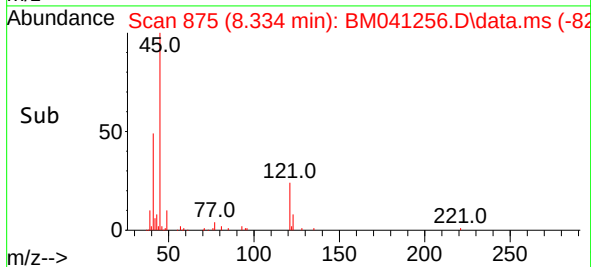
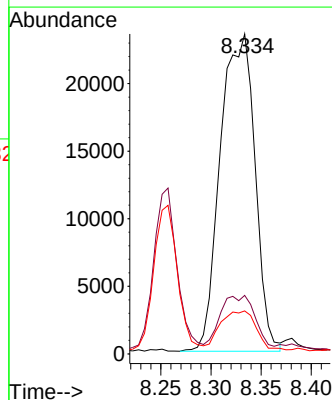
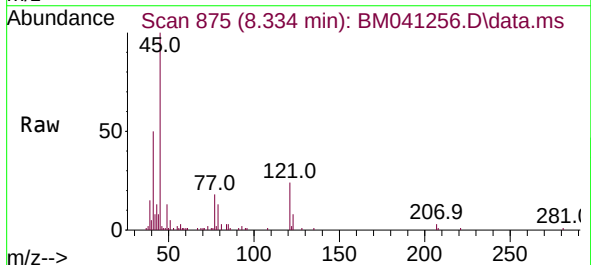
Instrument :
BNA_M
ClientSampleId :
PB154308BS

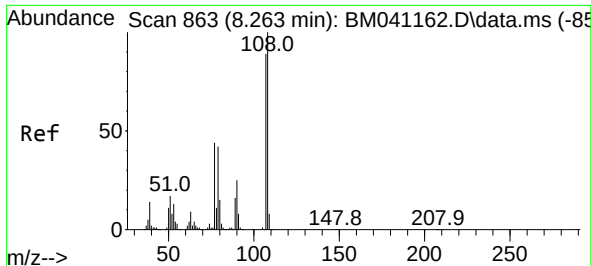
Tgt Ion: 79 Resp: 42445
Ion Ratio Lower Upper
79 100
108 68.5 59.8 89.8
77 67.6 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.967 ng
RT: 8.334 min Scan# 875
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion: 45 Resp: 56290
Ion Ratio Lower Upper
45 100
77 18.3 0.0 34.5
79 13.4 0.0 32.1

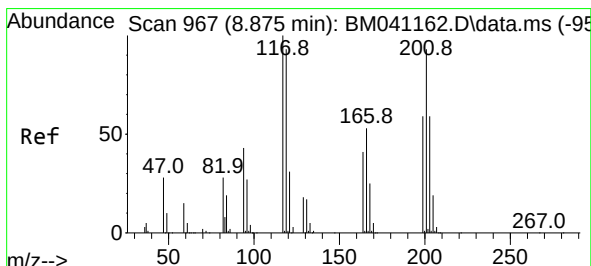
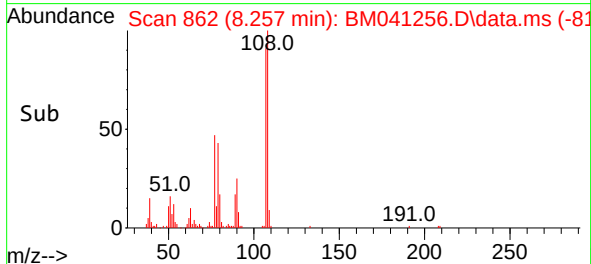
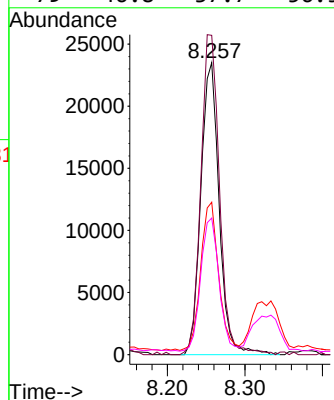
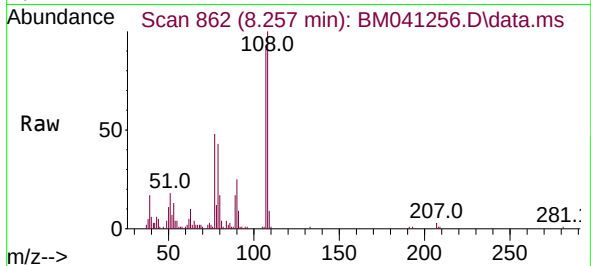




#17
2-Methylphenol
Concen: 5.370 ng
RT: 8.257 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

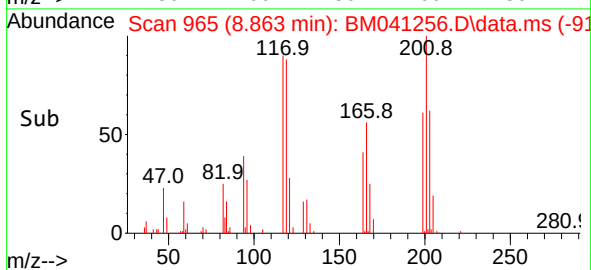
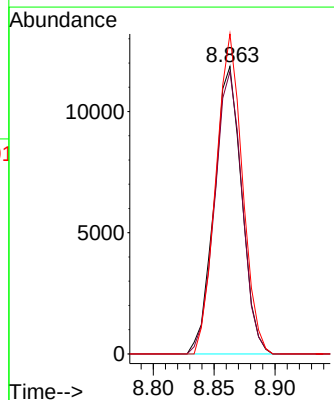
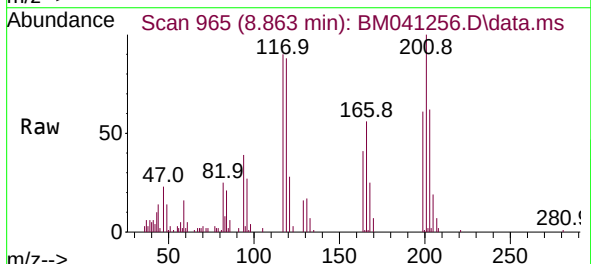
Instrument :
BNA_M
ClientSampleId :
PB154308BS

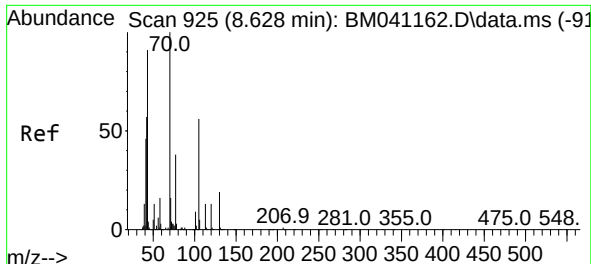
Tgt Ion:	107	Resp:	38546
Ion	Ratio	Lower	Upper
107	100		
108	109.4	89.9	134.9
77	52.2	39.8	59.8
79	46.8	37.7	56.5



#18
Hexachloroethane
Concen: 5.562 ng
RT: 8.863 min Scan# 965
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:	117	Resp:	18563
Ion	Ratio	Lower	Upper
117	100		
119	98.2	74.2	111.4
201	111.4	74.5	111.7

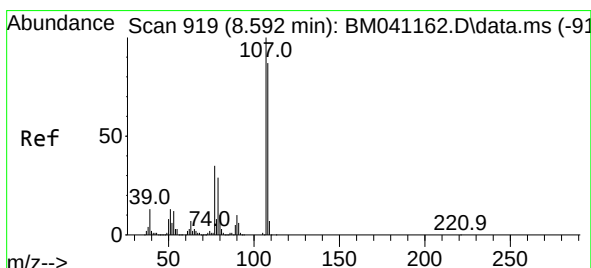
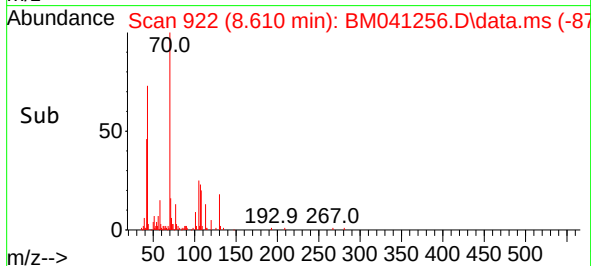
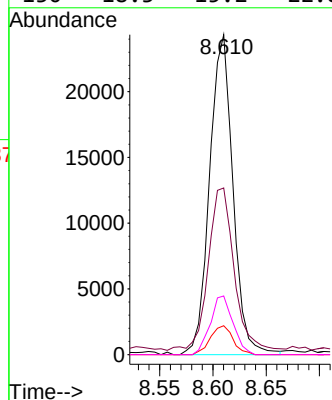
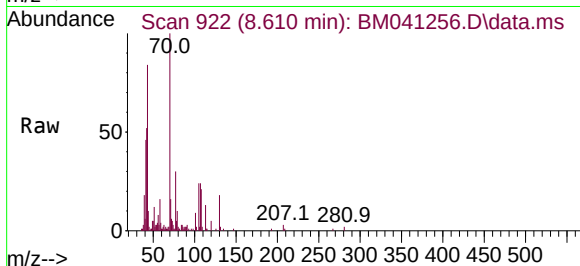




#19
n-Nitroso-di-n-propylamine
Concen: 5.622 ng
RT: 8.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

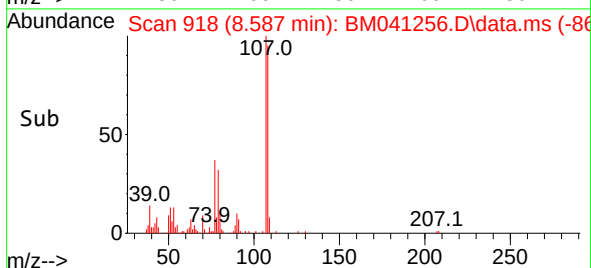
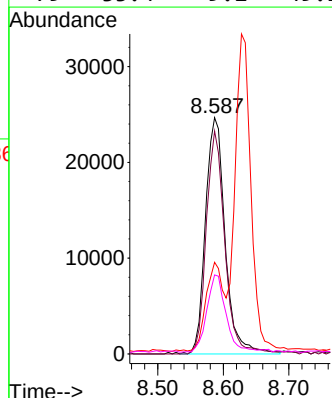
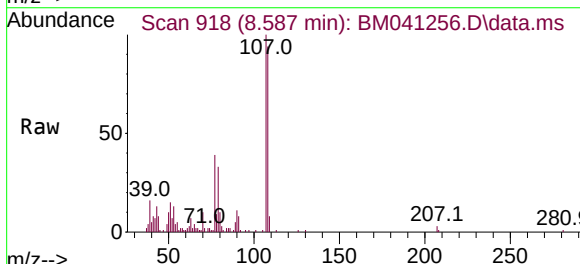
Instrument :
BNA_M
ClientSampleId :
PB154308BS

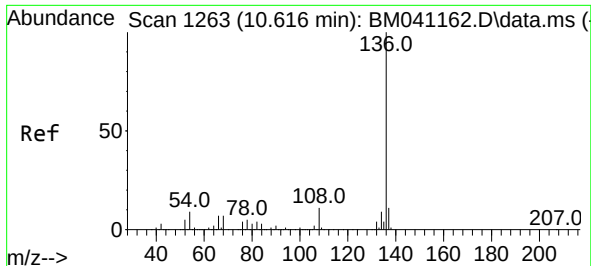
Tgt Ion: 70	Resp:	37150
Ion Ratio	Lower	Upper
70	100	
42	52.1	45.8 68.8
101	9.0	7.4 11.0
130	18.3	15.2 22.8



#20
3+4-Methylphenols
Concen: 5.339 ng
RT: 8.587 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion: 107	Resp:	51241
Ion Ratio	Lower	Upper
107	100	
108	94.3	67.2 107.2
77	38.8	15.4 55.4
79	33.4	9.2 49.2

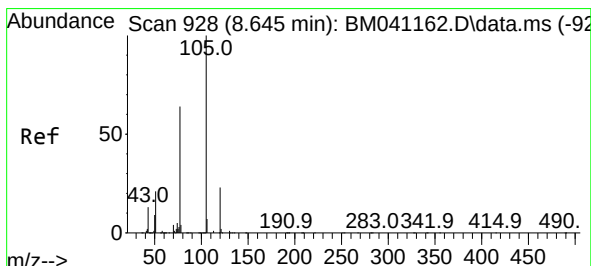
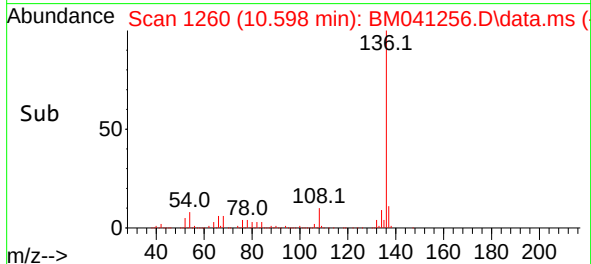
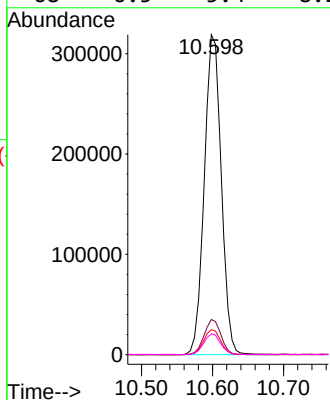
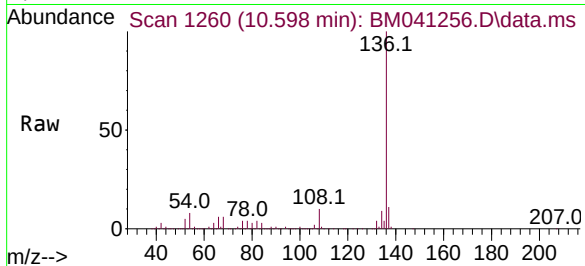




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

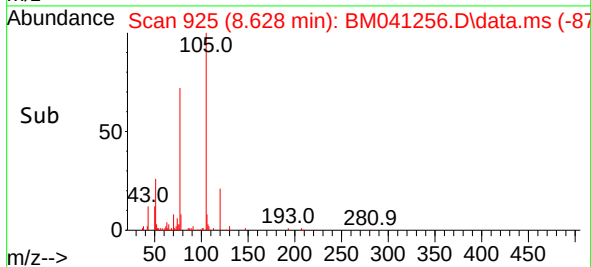
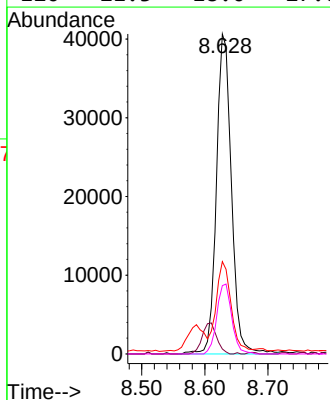
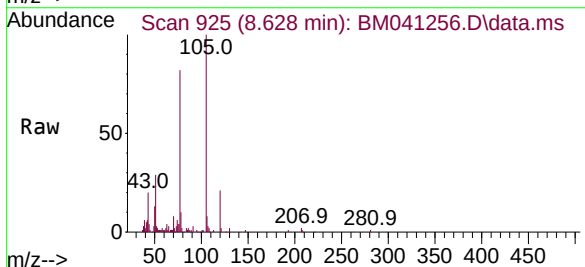
Instrument :
BNA_M
ClientSampleId :
PB154308BS

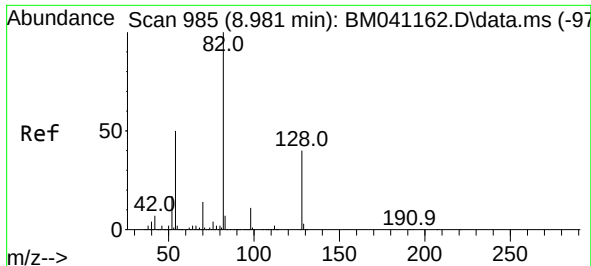
Tgt Ion:136	Resp:	529462
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.8	6.9 10.3
68	6.5	5.4 8.2



#22
Acetophenone
Concen: 4.792 ng
RT: 8.628 min Scan# 925
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:105	Resp:	67202
Ion Ratio	Lower	Upper
105	100	
71	1.5	1.2 1.8
51	28.8	22.0 33.0
120	21.3	18.0 27.0

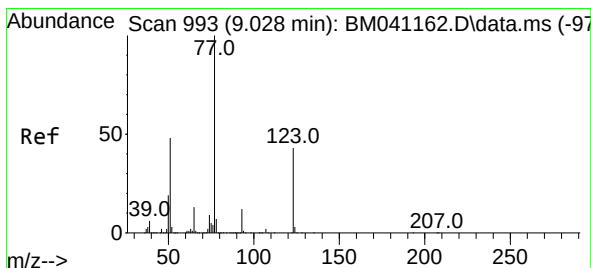
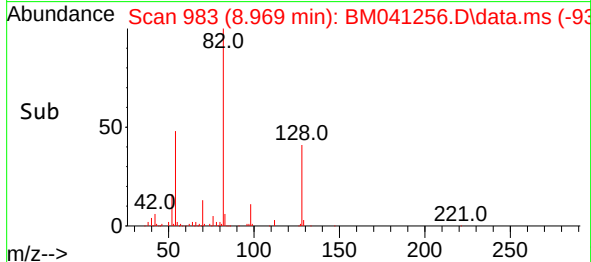
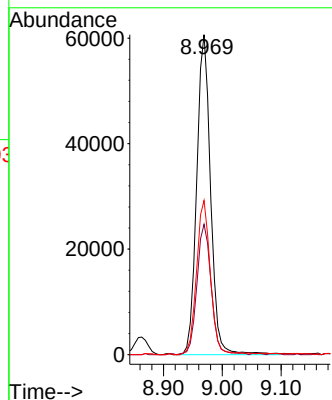
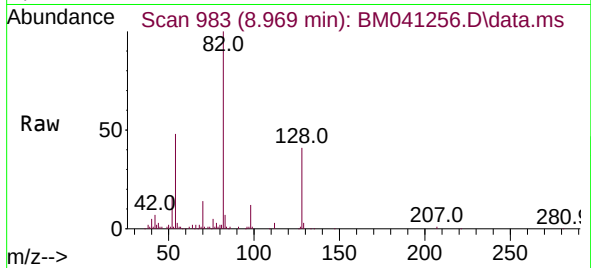




#23
Nitrobenzene-d5
Concen: 8.740 ng
RT: 8.969 min Scan# 985
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

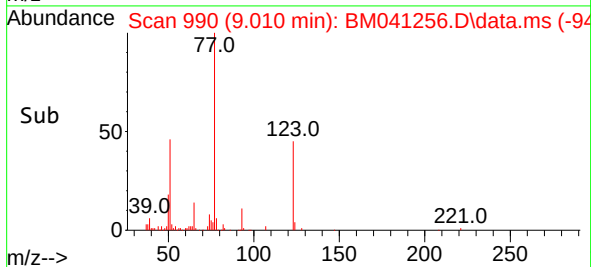
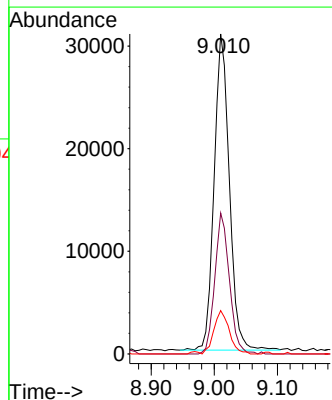
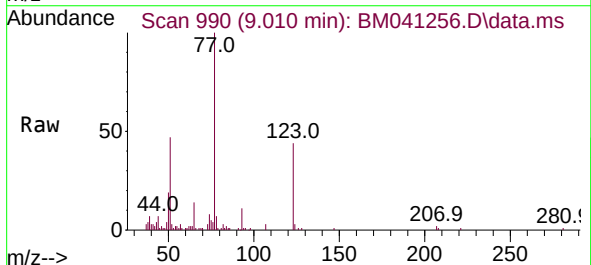
Instrument :
BNA_M
ClientSampleId :
PB154308BS

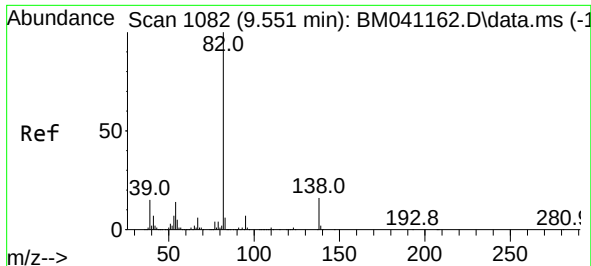
Tgt Ion: 82 Resp: 99501
Ion Ratio Lower Upper
82 100
128 40.7 31.8 47.6
54 48.2 40.1 60.1



#24
Nitrobenzene
Concen: 4.495 ng
RT: 9.010 min Scan# 990
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion: 77 Resp: 51752
Ion Ratio Lower Upper
77 100
123 44.0 34.2 51.2
65 13.5 10.7 16.1

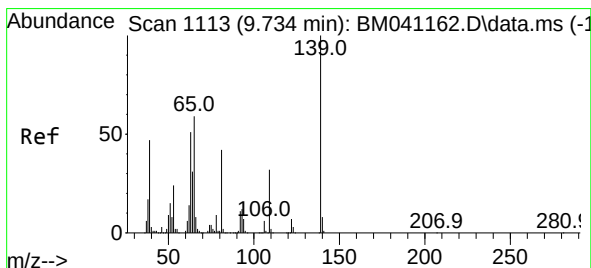
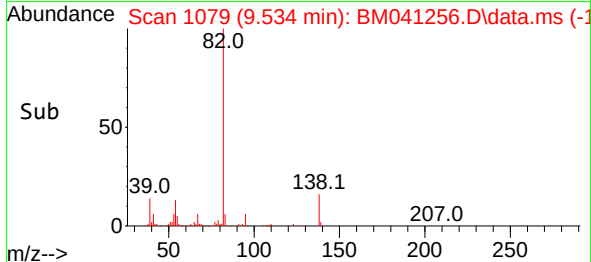
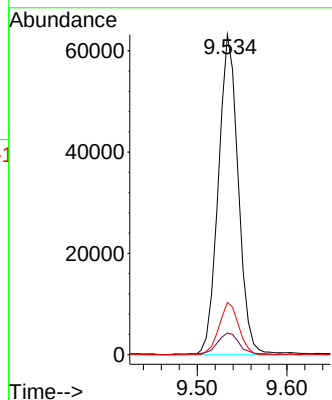
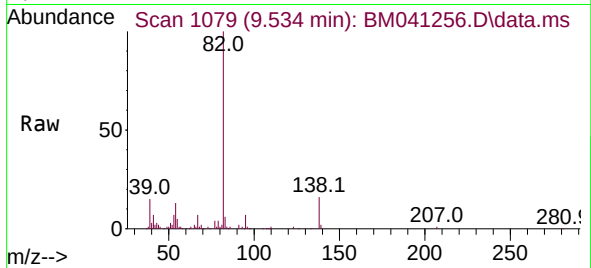




#25
Isophorone
Concen: 5.065 ng
RT: 9.534 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

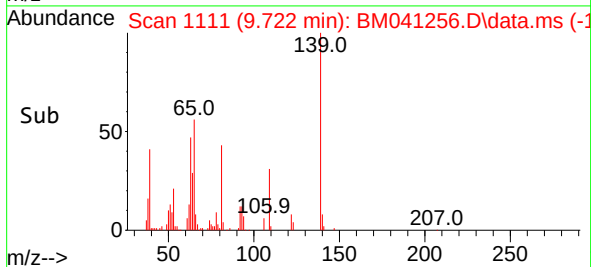
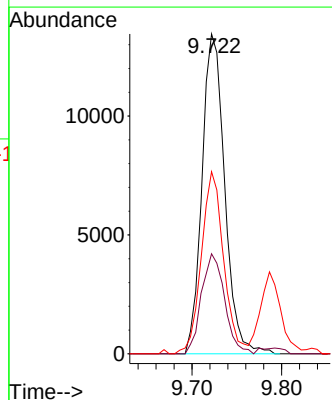
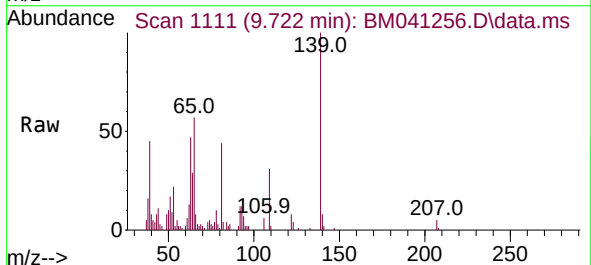
Instrument :
BNA_M
ClientSampleId :
PB154308BS

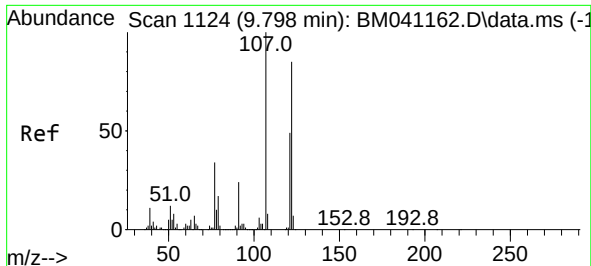
Tgt Ion: 82 Resp: 97880
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 16.3 12.8 19.2



#26
2-Nitrophenol
Concen: 5.256 ng
RT: 9.722 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion: 139 Resp: 23655
Ion Ratio Lower Upper
139 100
109 31.3 25.4 38.2
65 56.9 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 5.275 ng

RT: 9.786 min Scan# 1124

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

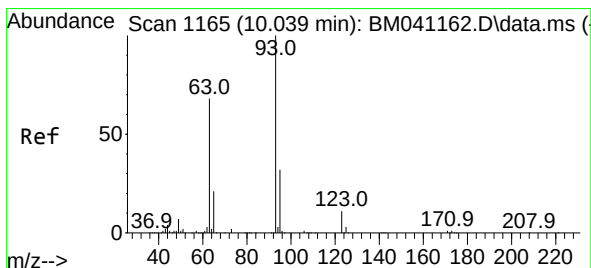
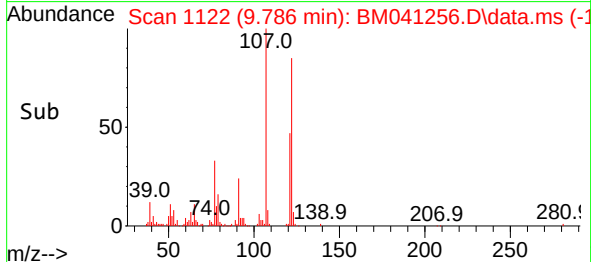
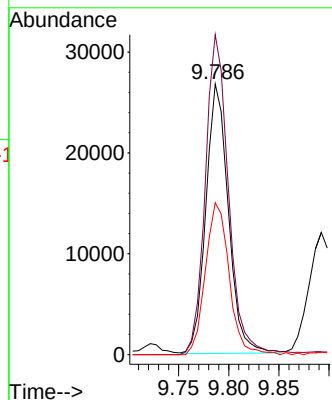
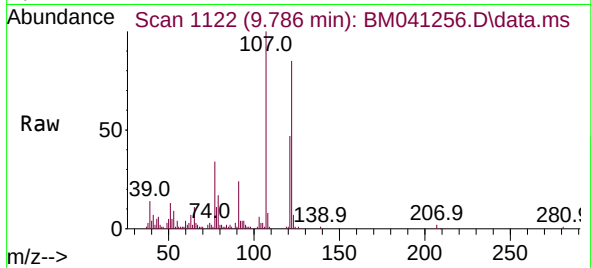
Tgt Ion:122 Resp: 41775

Ion Ratio Lower Upper

122 100

107 118.2 94.3 141.5

121 56.1 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 4.907 ng

RT: 10.022 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

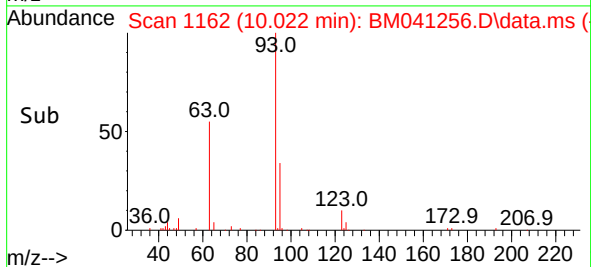
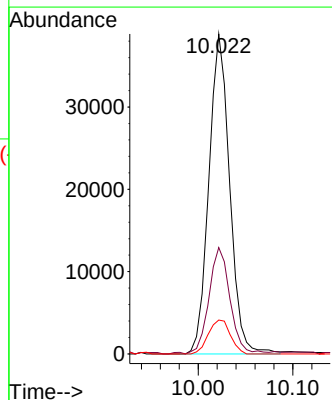
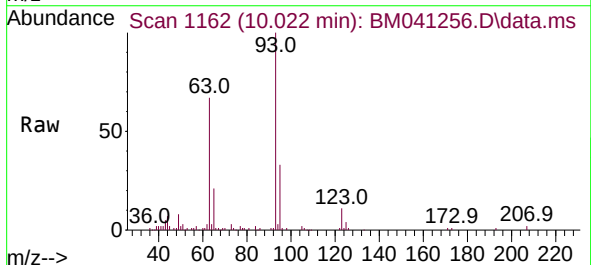
Tgt Ion: 93 Resp: 59403

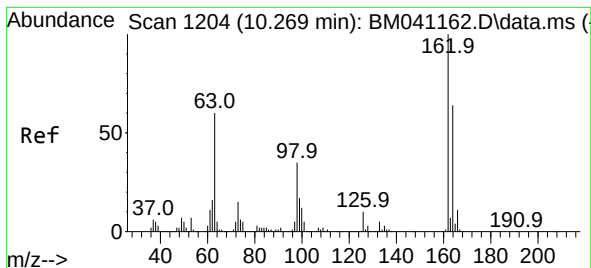
Ion Ratio Lower Upper

93 100

95 33.2 25.9 38.9

123 10.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 5.365 ng

RT: 10.263 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

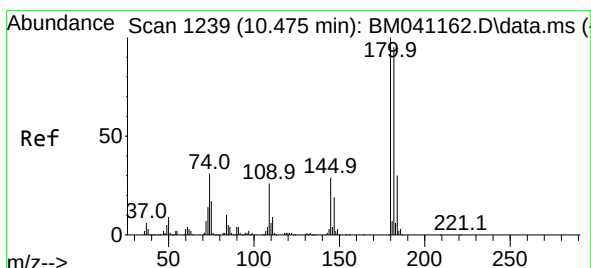
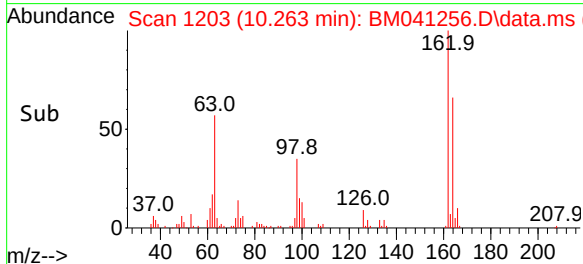
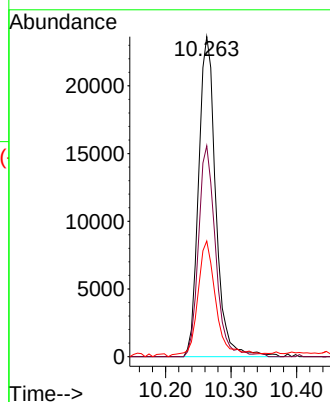
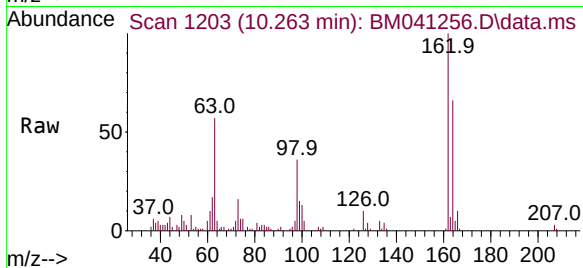
Tgt Ion:162 Resp: 42849

Ion Ratio Lower Upper

162 100

164 65.9 44.3 84.3

98 36.1 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 5.226 ng

RT: 10.463 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

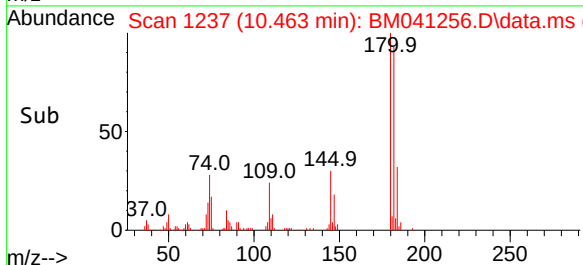
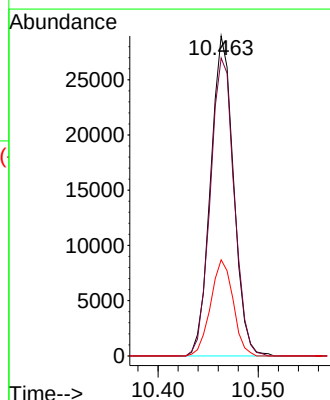
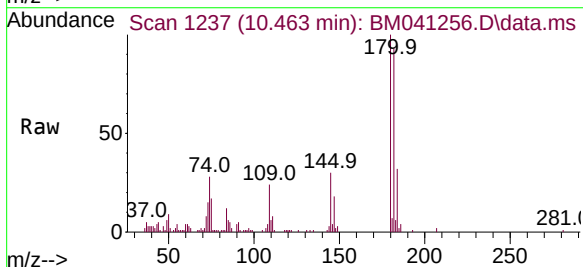
Tgt Ion:180 Resp: 46120

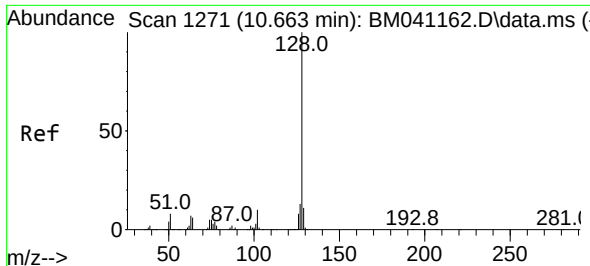
Ion Ratio Lower Upper

180 100

182 93.1 75.9 113.9

145 30.0 23.6 35.4

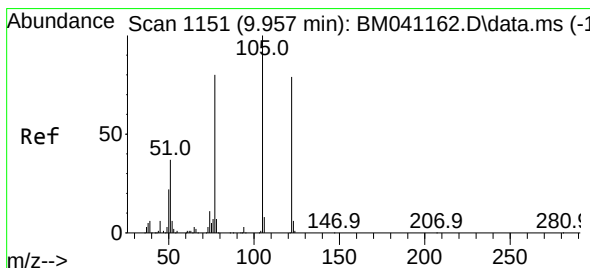
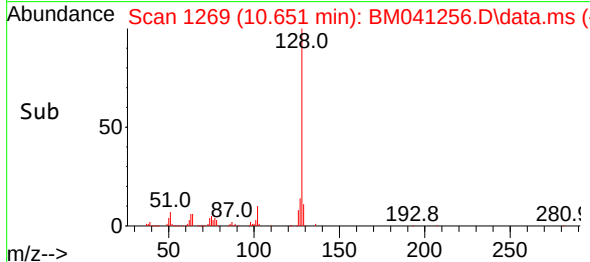
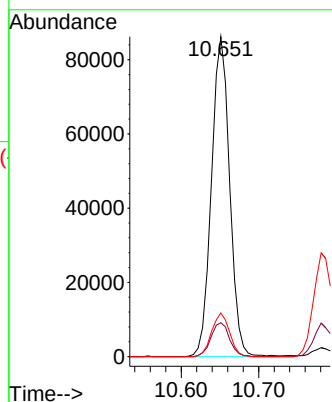
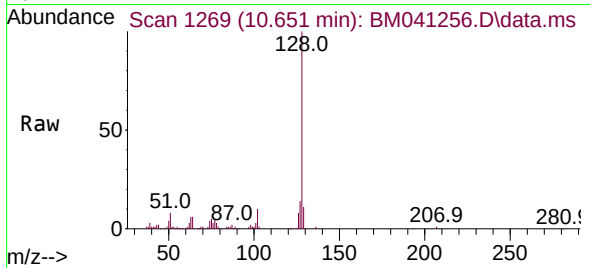




#31
Naphthalene
Concen: 4.893 ng
RT: 10.651 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

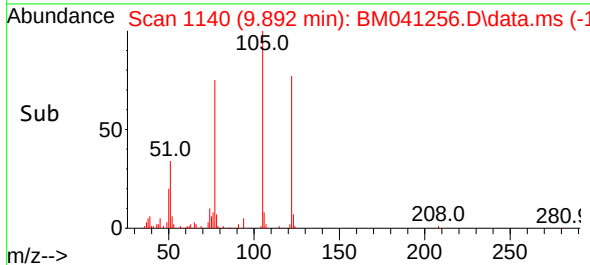
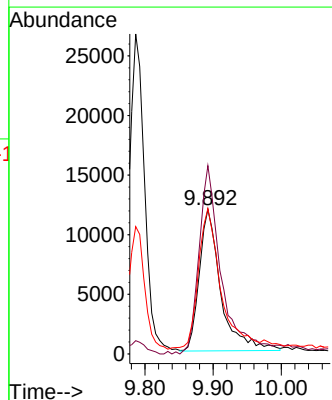
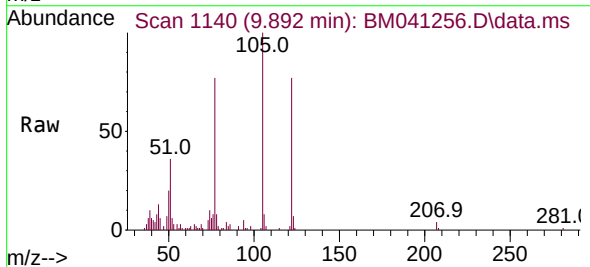
Instrument :
BNA_M
ClientSampleId :
PB154308BS

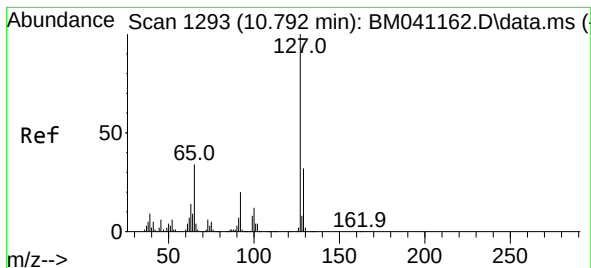
Tgt Ion:128 Resp: 140575
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 10.883 ng
RT: 9.892 min Scan# 1140
Delta R.T. -0.065 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:122 Resp: 26056
Ion Ratio Lower Upper
122 100
105 130.4 104.0 144.0
77 100.7 79.9 119.9





#33

4-Chloroaniline

Concen: 4.474 ng

RT: 10.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

Tgt Ion:127 Resp: 51367

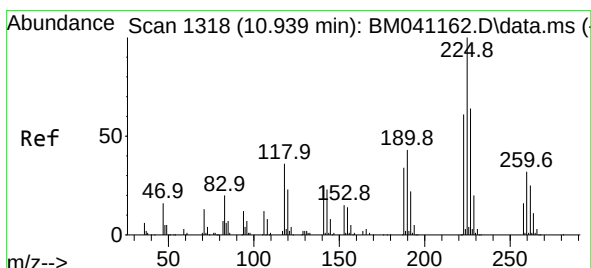
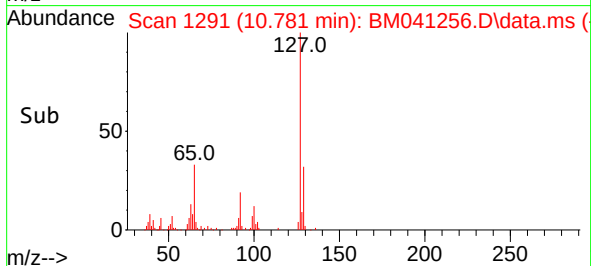
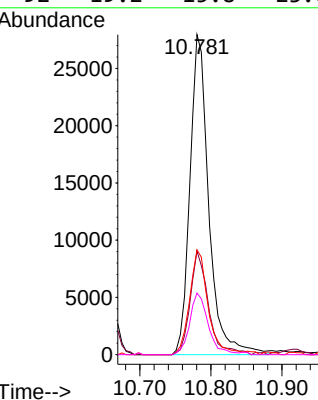
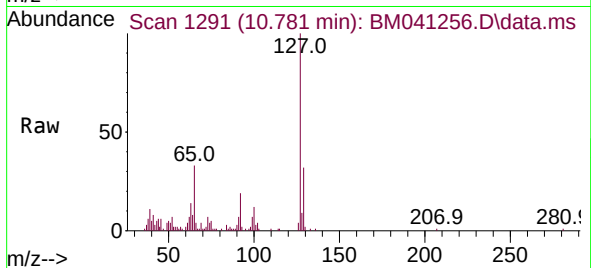
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 32.7 26.9 40.3

92 19.2 15.8 23.6



#34

Hexachlorobutadiene

Concen: 5.411 ng

RT: 10.922 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

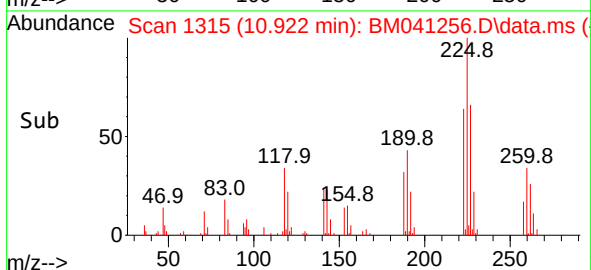
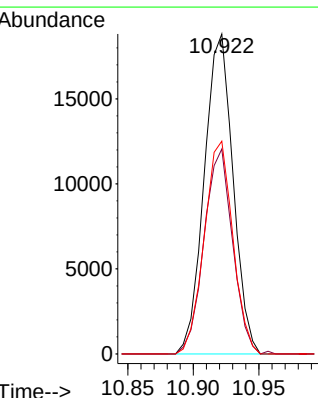
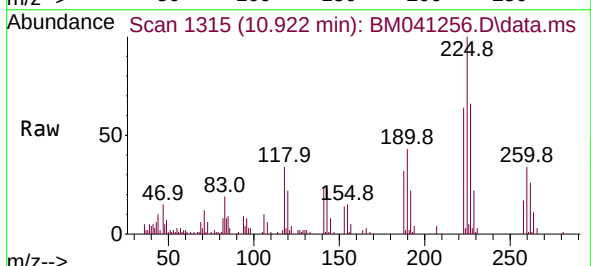
Tgt Ion:225 Resp: 28716

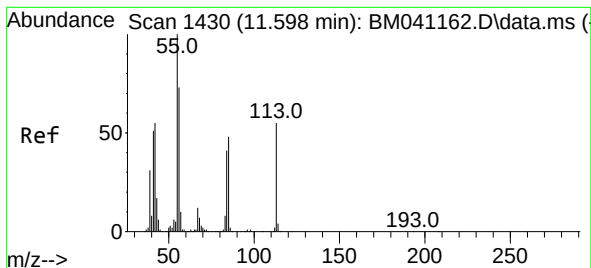
Ion Ratio Lower Upper

225 100

223 64.0 49.0 73.4

227 66.5 50.8 76.2

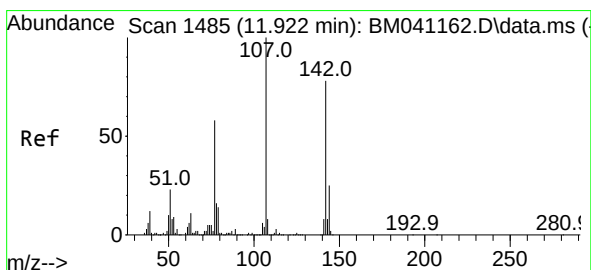
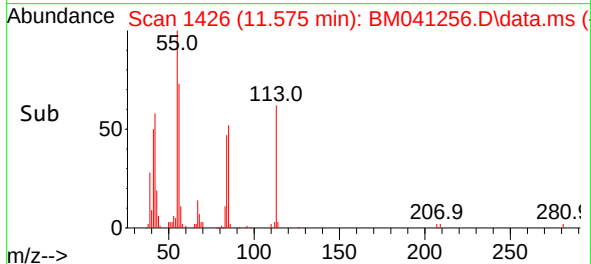
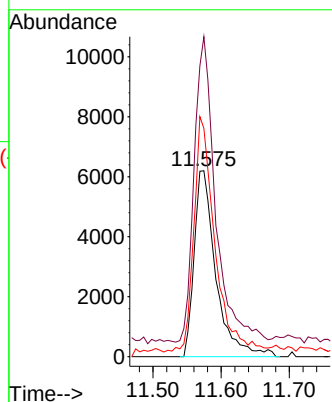
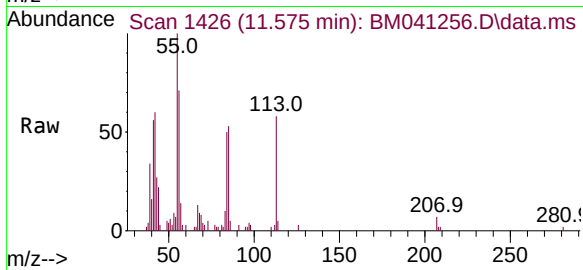




#35
Caprolactam
Concen: 5.948 ng
RT: 11.575 min Scan# 1430
Delta R.T. -0.024 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

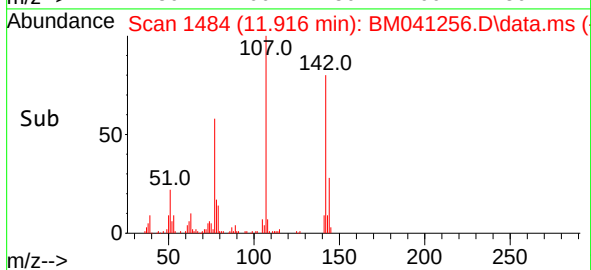
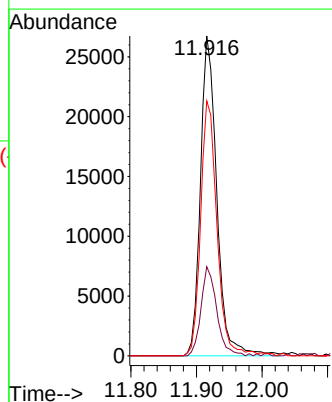
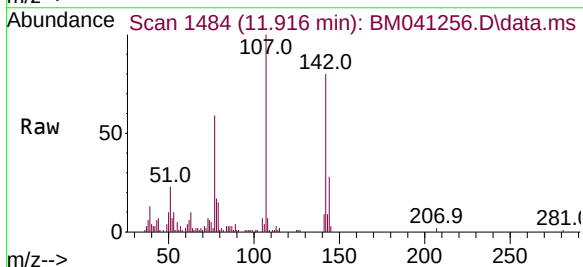
Instrument :
BNA_M
ClientSampleId :
PB154308BS

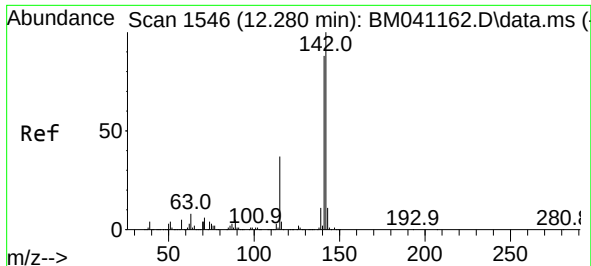
Tgt Ion:113 Resp: 13742
Ion Ratio Lower Upper
113 100
55 172.2 162.5 202.5
56 122.9 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 5.518 ng
RT: 11.916 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:107 Resp: 46391
Ion Ratio Lower Upper
107 100
144 27.9 20.1 30.1
142 79.7 62.2 93.4

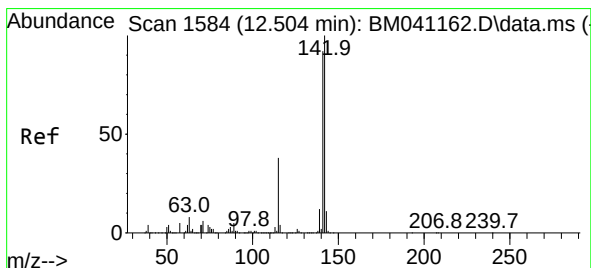
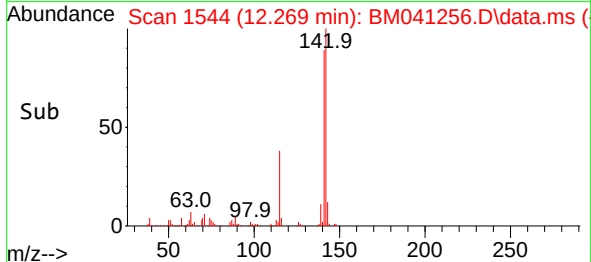
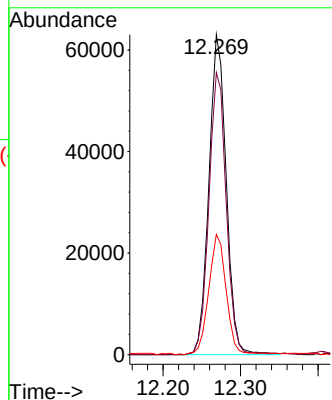
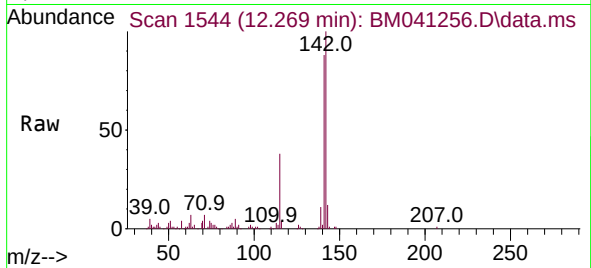




#37
2-Methylnaphthalene
Concen: 5.047 ng
RT: 12.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

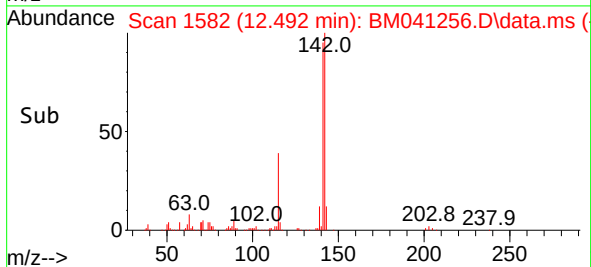
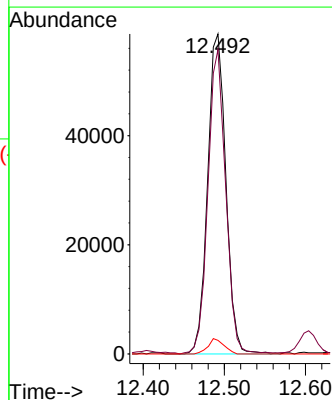
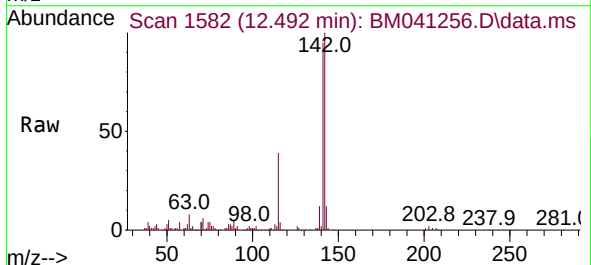
Instrument :
BNA_M
ClientSampleId :
PB154308BS

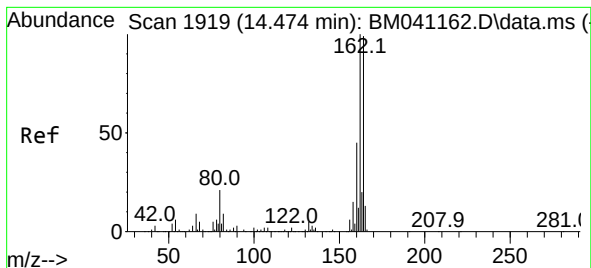
Tgt Ion:142 Resp: 97753
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1
115 37.6 29.3 43.9



#38
1-Methylnaphthalene
Concen: 5.057 ng
RT: 12.492 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:142 Resp: 91674
Ion Ratio Lower Upper
142 100
141 95.1 73.4 110.2
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1919

Delta R.T. -0.000 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

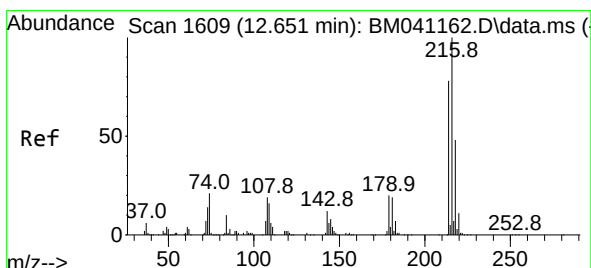
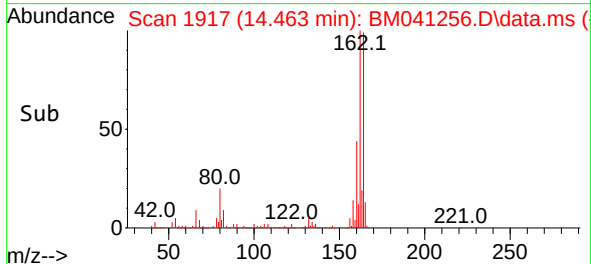
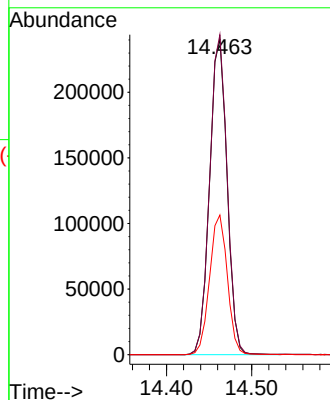
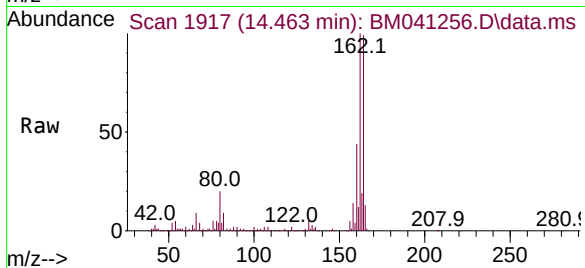
Tgt Ion:164 Resp: 342467

Ion Ratio Lower Upper

164 100

162 101.4 80.4 120.6

160 44.2 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.713 ng

RT: 12.639 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Tgt Ion:216 Resp: 52412

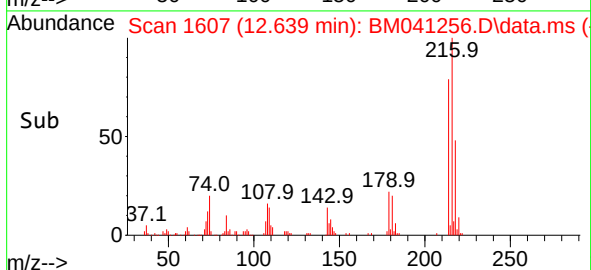
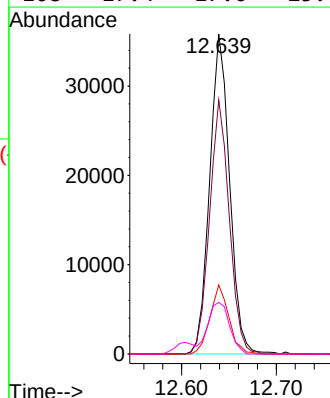
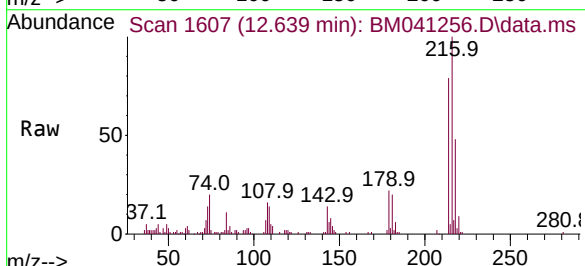
Ion Ratio Lower Upper

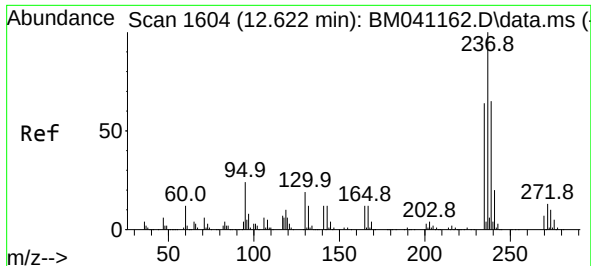
216 100

214 78.5 63.2 94.8

179 20.4 16.2 24.2

108 17.4 17.0 25.4

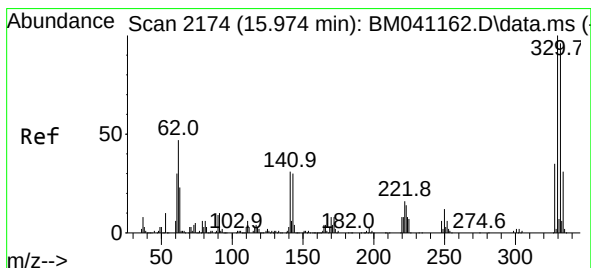
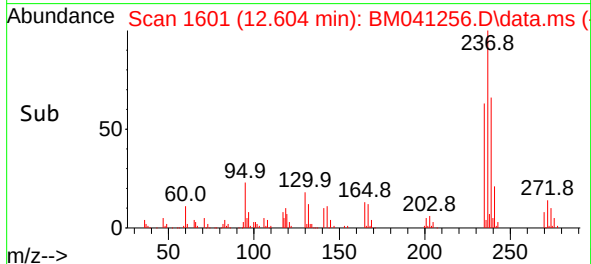
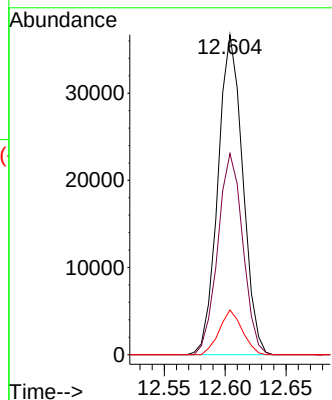
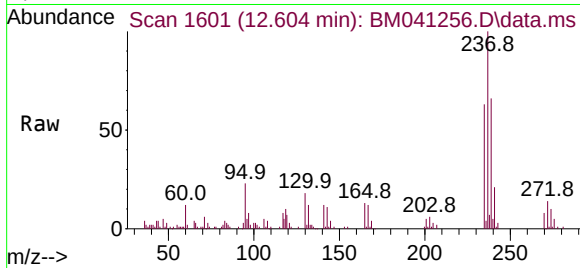




#41
 Hexachlorocyclopentadiene
 Concen: 8.848 ng
 RT: 12.604 min Scan# 1601
 Delta R.T. -0.000 min
 Lab File: BM041256.D
 Acq: 03 Aug 2023 10:48

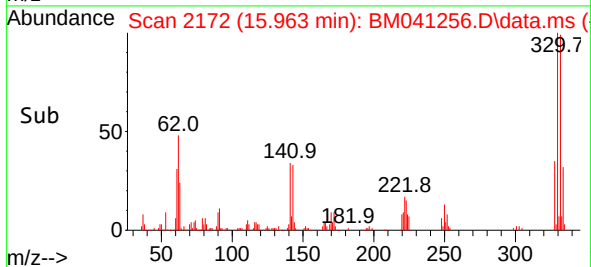
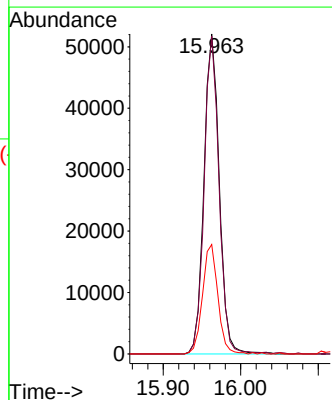
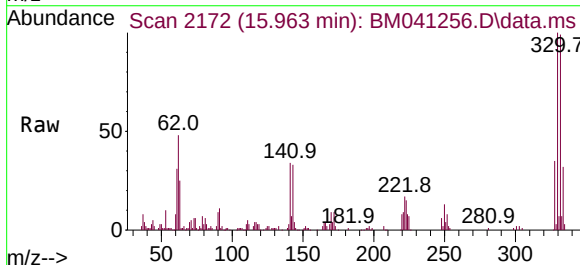
Instrument :
 BNA_M
 ClientSampleId :
 PB154308BS

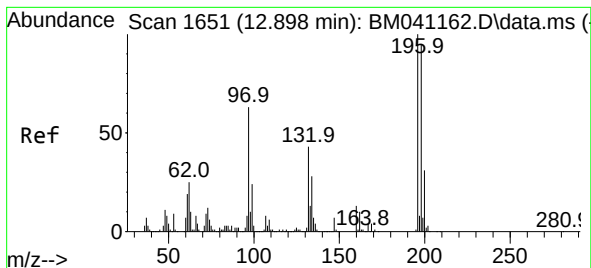
Tgt Ion: 237 Resp: 52053
 Ion Ratio Lower Upper
 237 100
 235 62.8 43.6 83.6
 272 13.9 0.0 33.3



#42
 2,4,6-Tribromophenol
 Concen: 14.771 ng
 RT: 15.963 min Scan# 2172
 Delta R.T. -0.006 min
 Lab File: BM041256.D
 Acq: 03 Aug 2023 10:48

Tgt Ion: 330 Resp: 71550
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.7 116.5
 141 34.1 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 5.083 ng

RT: 12.892 min Scan# 1651

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

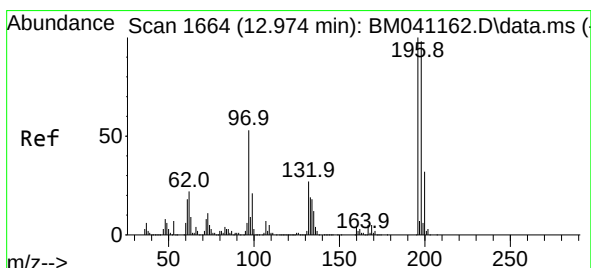
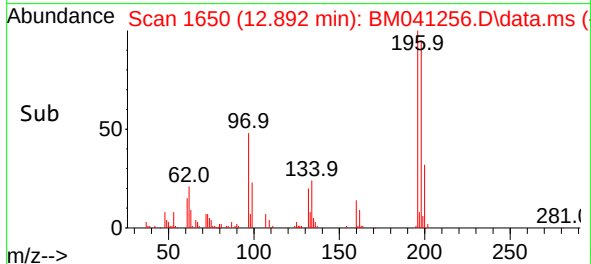
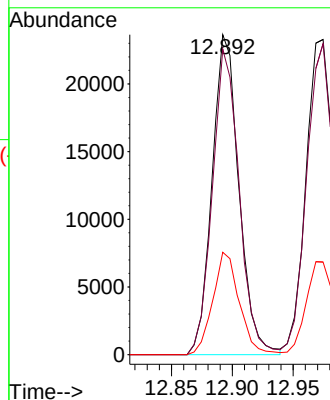
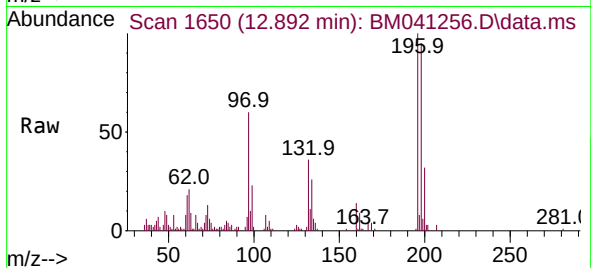
Tgt Ion:196 Resp: 36230

Ion Ratio Lower Upper

196 100

198 95.5 76.2 114.4

200 32.0 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 4.815 ng

RT: 12.975 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Tgt Ion:196 Resp: 39718

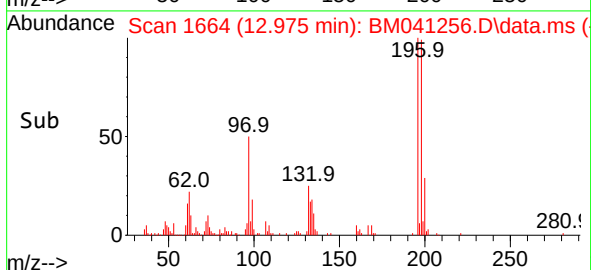
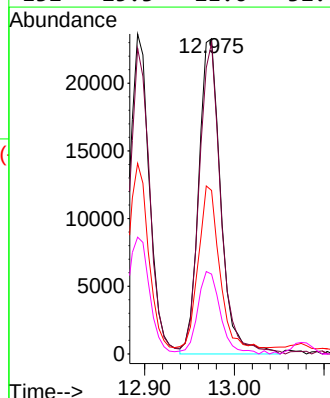
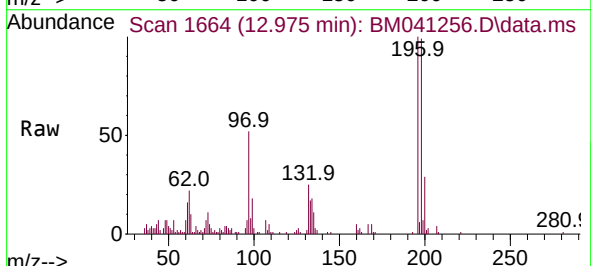
Ion Ratio Lower Upper

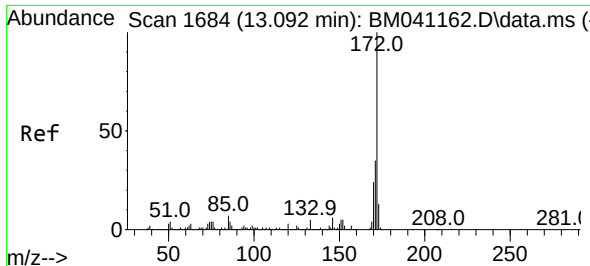
196 100

198 98.7 78.2 117.4

97 51.8 42.7 64.1

132 25.3 21.6 32.4

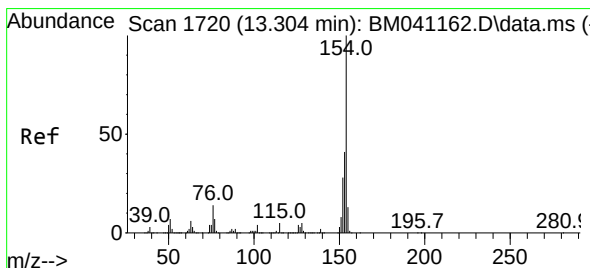
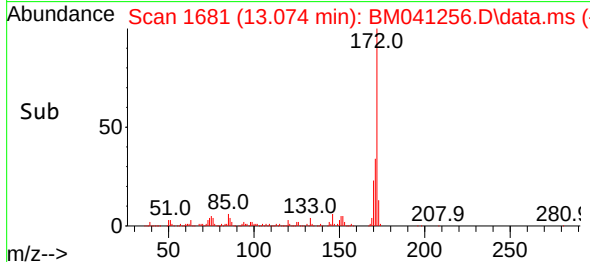
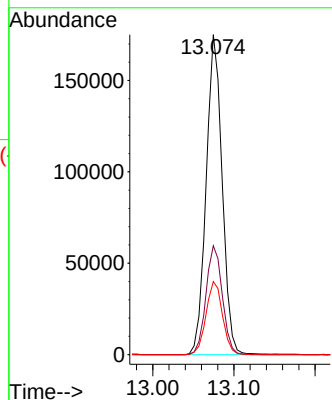
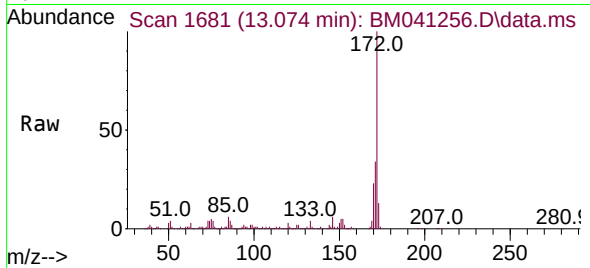




#45
2-Fluorobiphenyl
Concen: 8.858 ng
RT: 13.074 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

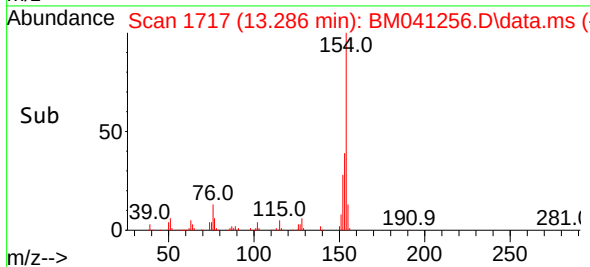
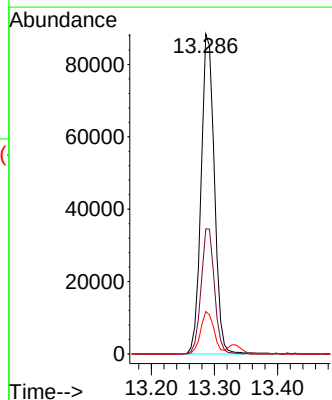
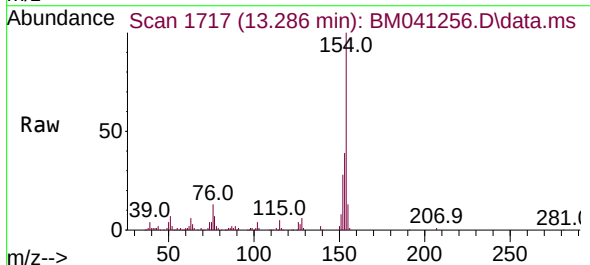
Instrument :
BNA_M
ClientSampleId :
PB154308BS

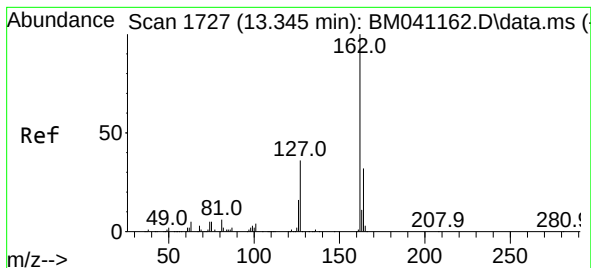
Tgt Ion:172 Resp: 240149
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 22.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 4.649 ng
RT: 13.286 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:154 Resp: 129073
Ion Ratio Lower Upper
154 100
153 39.1 20.5 60.5
76 13.2 0.0 34.1

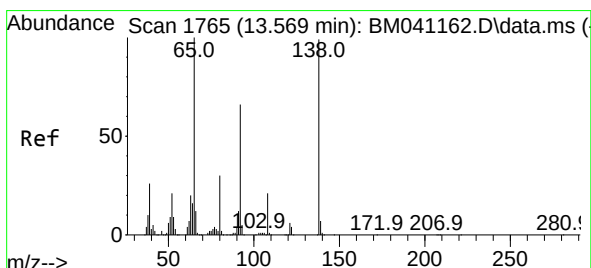
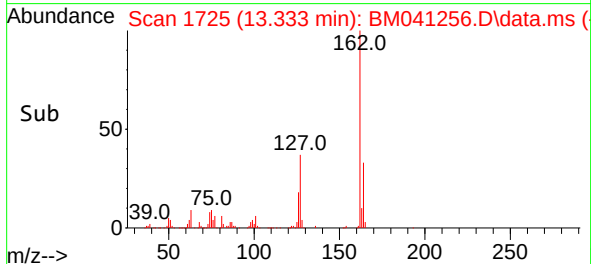
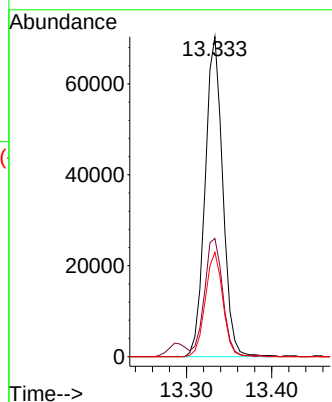
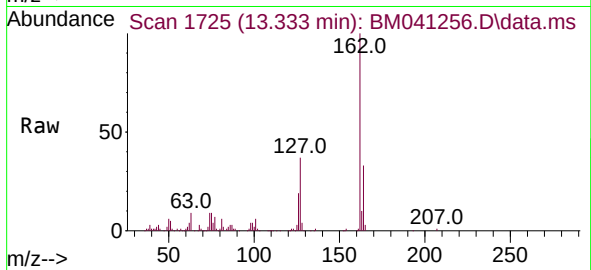




#47
2-Chloronaphthalene
Concen: 4.887 ng
RT: 13.333 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

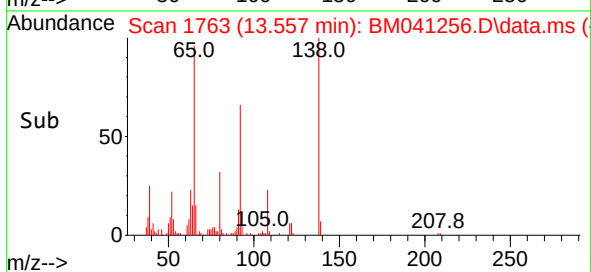
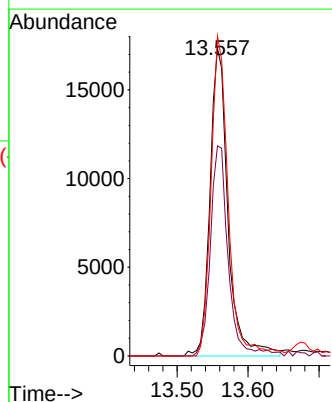
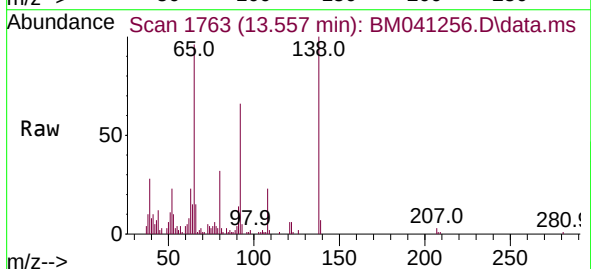
Instrument :
BNA_M
ClientSampleId :
PB154308BS

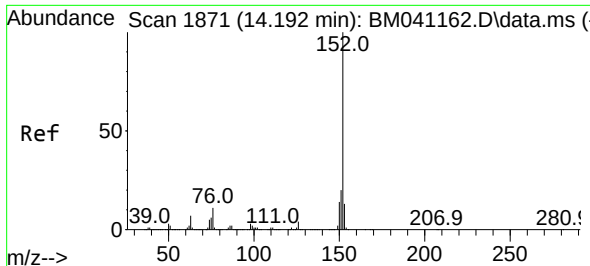
Tgt Ion:162 Resp: 101298
Ion Ratio Lower Upper
162 100
127 36.9 30.6 45.8
164 32.6 25.6 38.4



#48
2-Nitroaniline
Concen: 4.613 ng
RT: 13.557 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion: 65 Resp: 30524
Ion Ratio Lower Upper
65 100
92 68.2 53.0 79.4
138 104.0 79.1 118.7

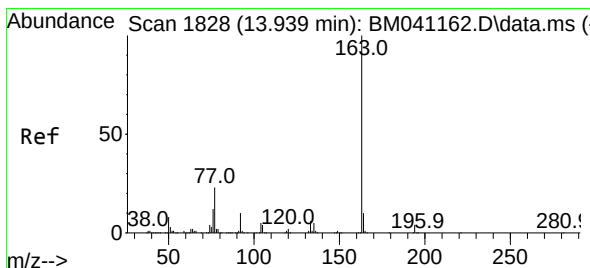
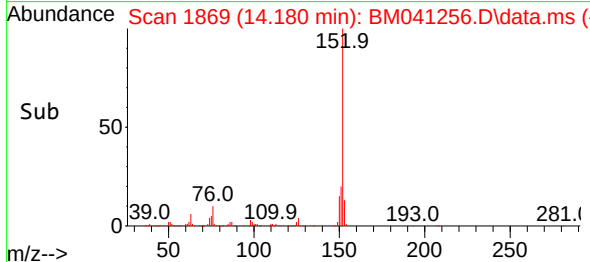
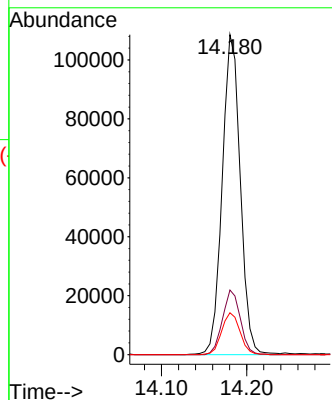
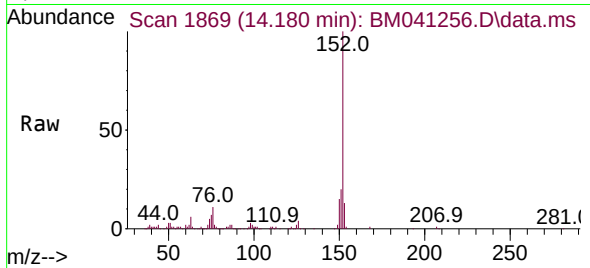




#49
Acenaphthylene
Concen: 4.779 ng
RT: 14.180 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

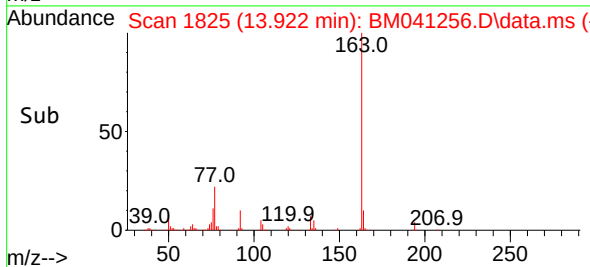
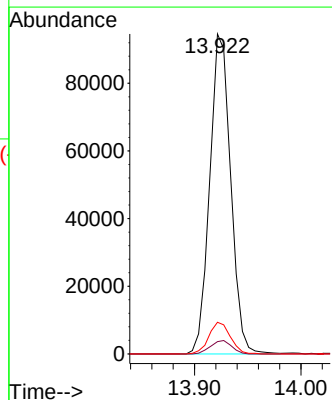
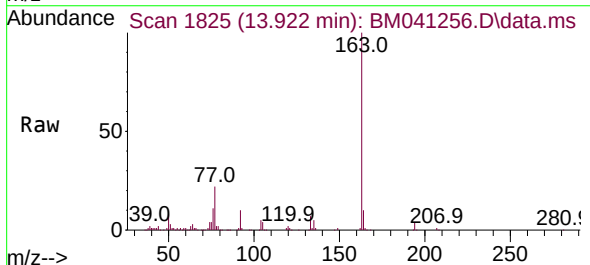
Instrument :
BNA_M
ClientSampleId :
PB154308BS

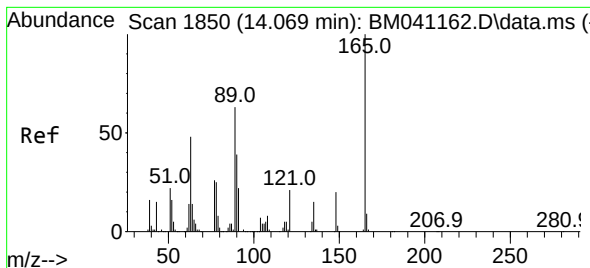
Tgt Ion:152 Resp: 159911
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 5.028 ng
RT: 13.922 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:163 Resp: 129515
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.9 8.3 12.5

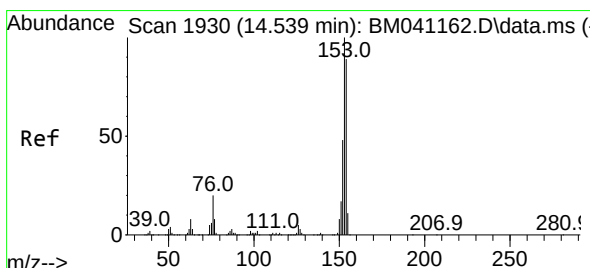
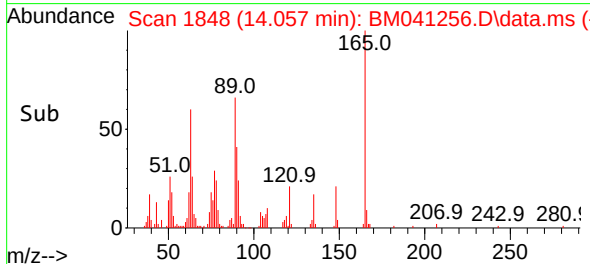
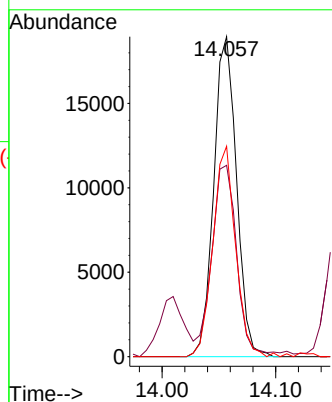
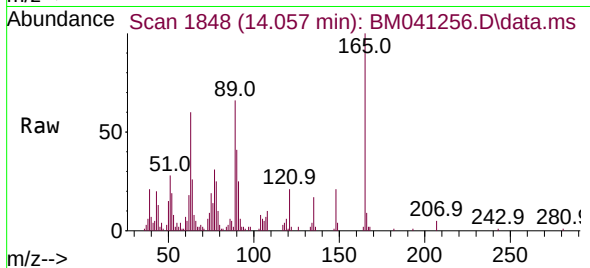




#51
2,6-Dinitrotoluene
Concen: 4.940 ng
RT: 14.057 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

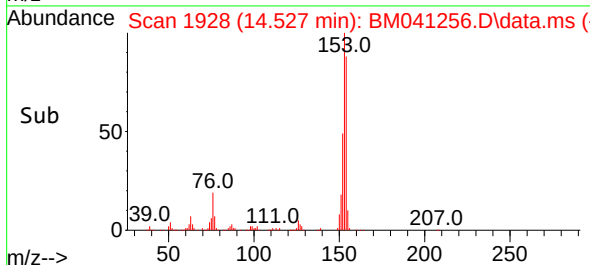
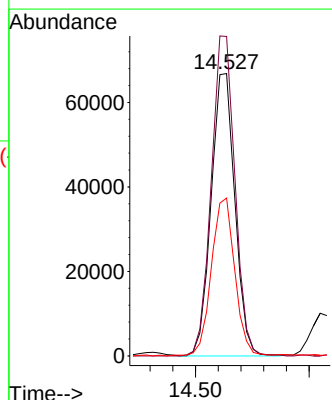
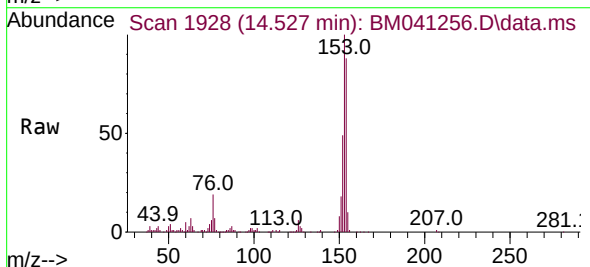
Instrument :
BNA_M
ClientSampleId :
PB154308BS

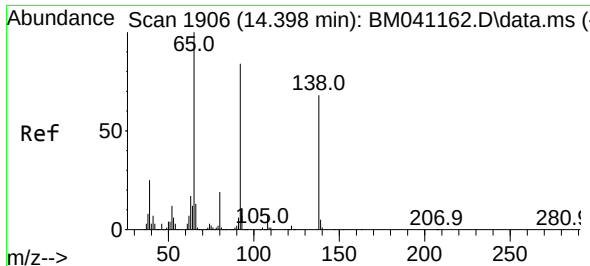
Tgt Ion:165 Resp: 26370
Ion Ratio Lower Upper
165 100
63 59.8 50.9 76.3
89 65.7 50.6 76.0



#52
Acenaphthene
Concen: 4.820 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:154 Resp: 97156
Ion Ratio Lower Upper
154 100
153 113.2 90.2 135.4
152 55.9 43.4 65.0

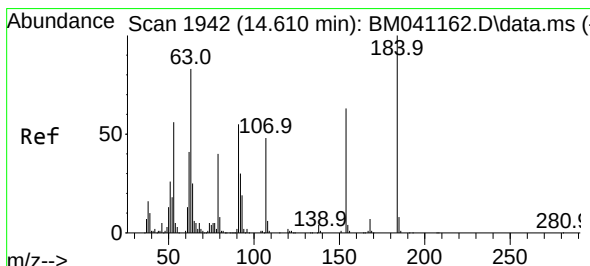
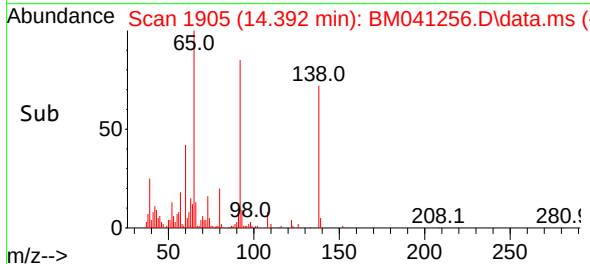
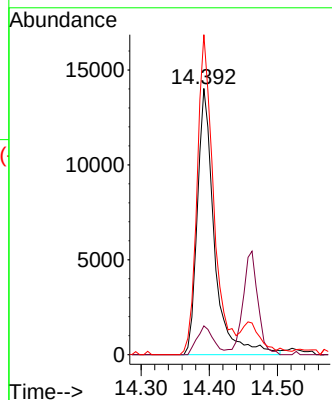
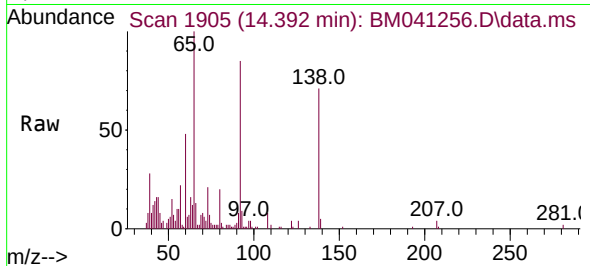




#53
3-Nitroaniline
Concen: 6.307 ng
RT: 14.392 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

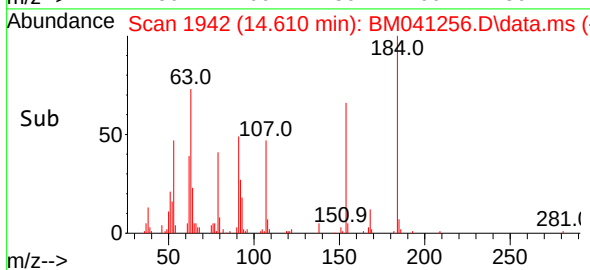
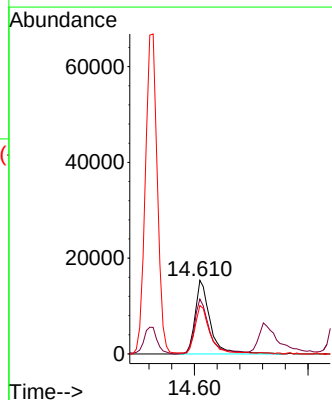
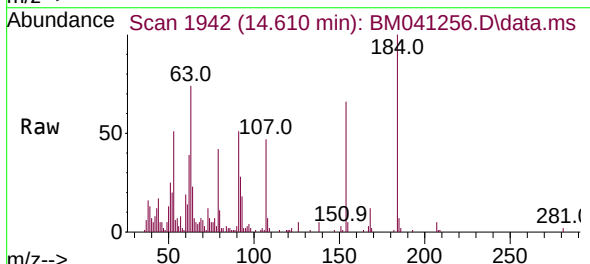
Instrument :
BNA_M
ClientSampleId :
PB154308BS

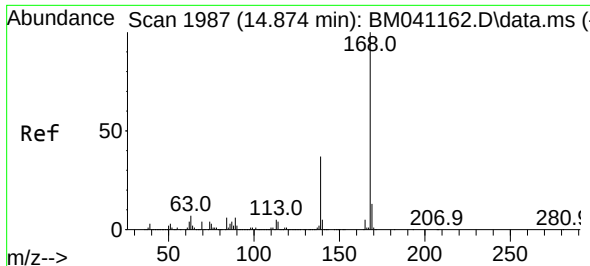
Tgt Ion:138 Resp: 24340
Ion Ratio Lower Upper
138 100
108 10.8 7.6 11.4
92 120.2 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 12.945 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:184 Resp: 27646
Ion Ratio Lower Upper
184 100
63 74.5 66.5 99.7
154 65.8 52.8 79.2

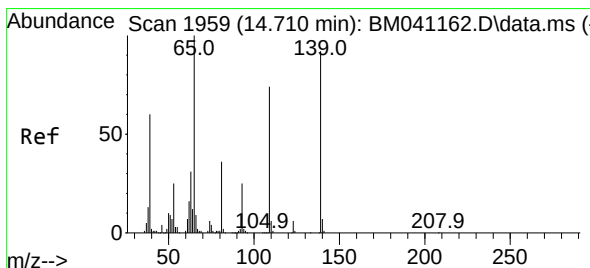
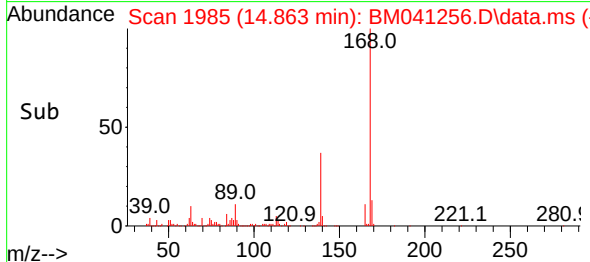
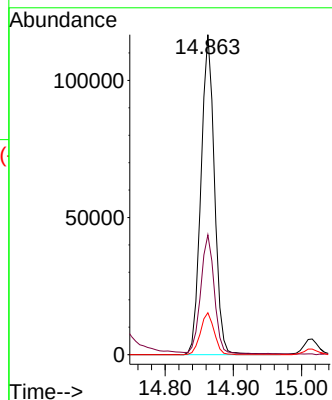
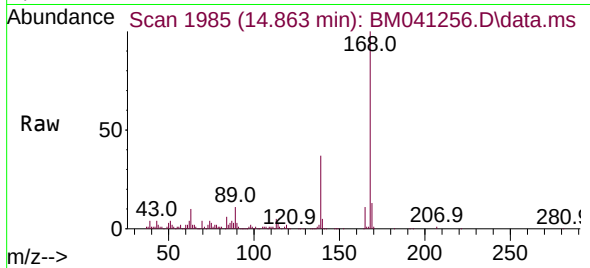




#55
Dibenzofuran
Concen: 4.899 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

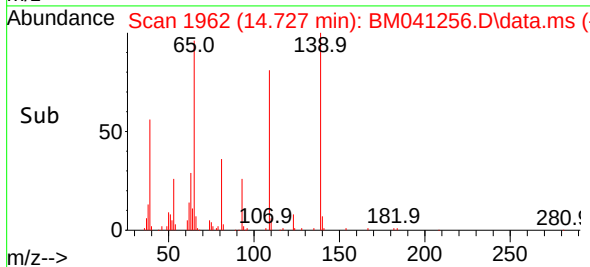
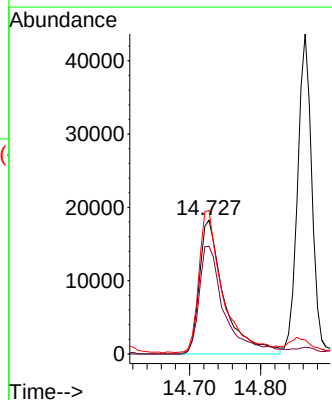
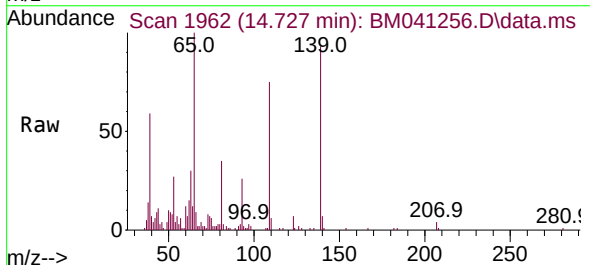
Instrument :
BNA_M
ClientSampleId :
PB154308BS

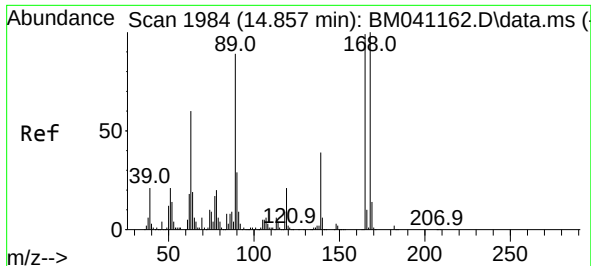
Tgt Ion:168 Resp: 161120
Ion Ratio Lower Upper
168 100
139 37.4 29.8 44.6
169 13.1 10.5 15.7



#56
4-Nitrophenol
Concen: 9.887 ng
RT: 14.727 min Scan# 1962
Delta R.T. 0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:139 Resp: 43982
Ion Ratio Lower Upper
139 100
109 80.5 61.2 101.2
65 107.3 89.5 129.5

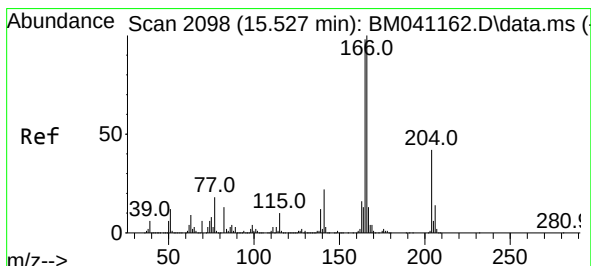
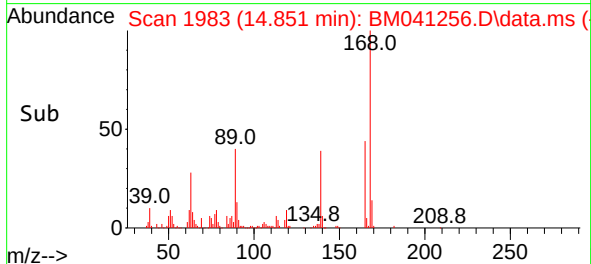
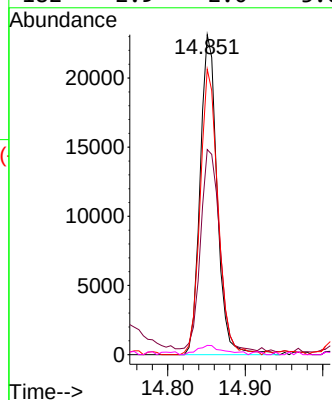
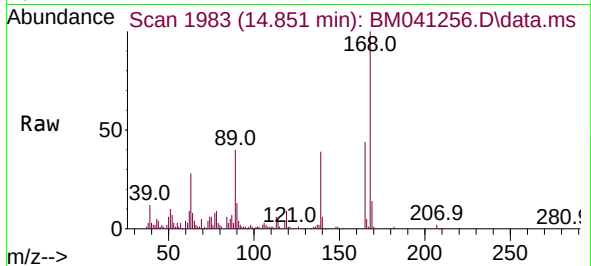




#57
2,4-Dinitrotoluene
Concen: 7.030 ng
RT: 14.851 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

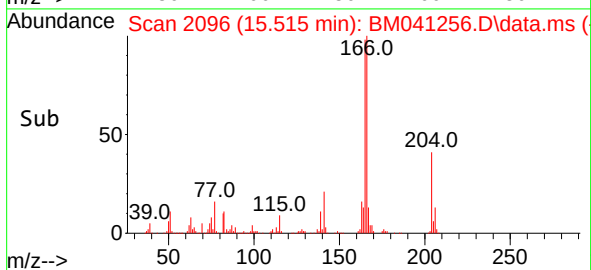
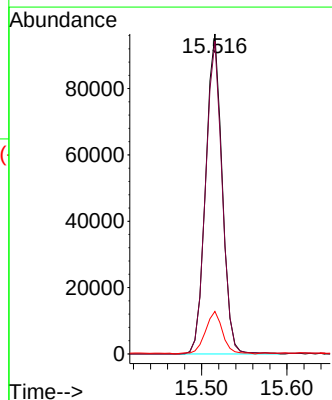
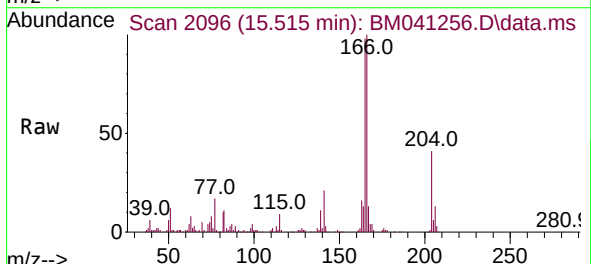
Instrument :
BNA_M
ClientSampleId :
PB154308BS

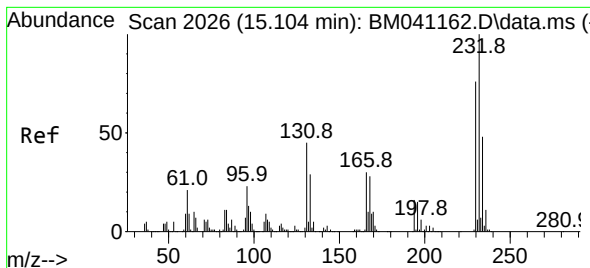
Tgt Ion:165 Resp: 35191
Ion Ratio Lower Upper
165 100
63 64.1 48.3 72.5
89 89.2 71.8 107.8
182 2.9 2.0 3.0



#58
Fluorene
Concen: 4.988 ng
RT: 15.515 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:166 Resp: 129416
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.4
167 13.3 10.6 16.0

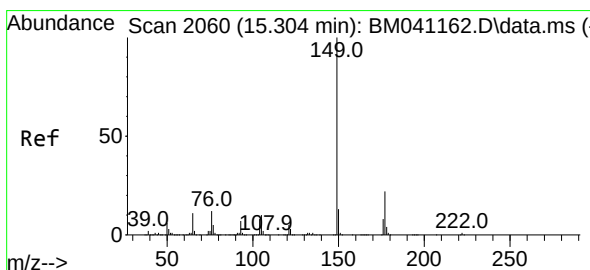
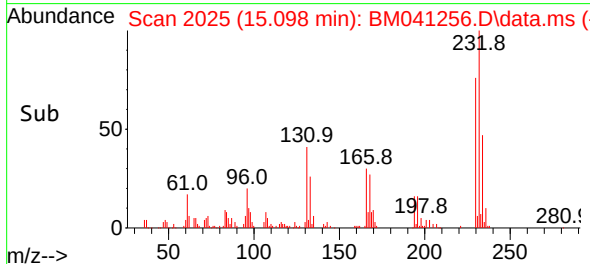
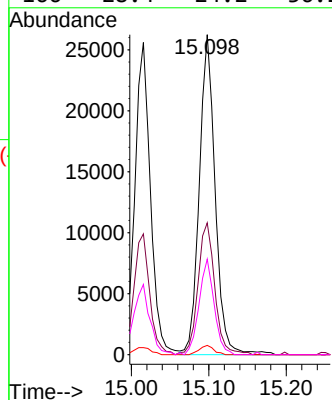
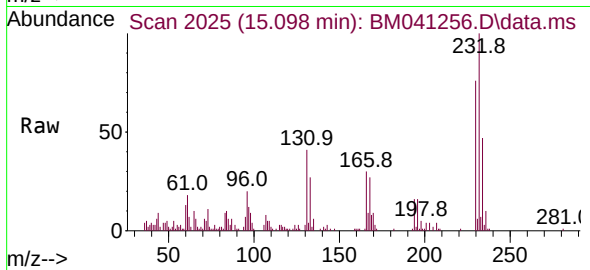




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.589 ng
RT: 15.098 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

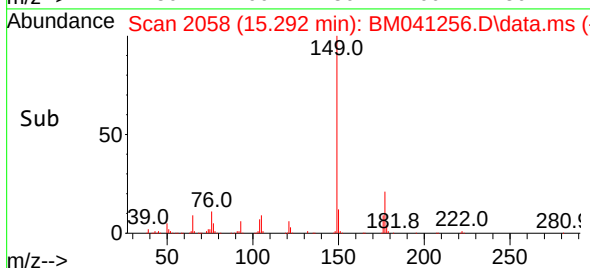
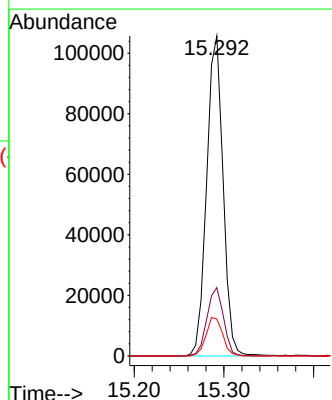
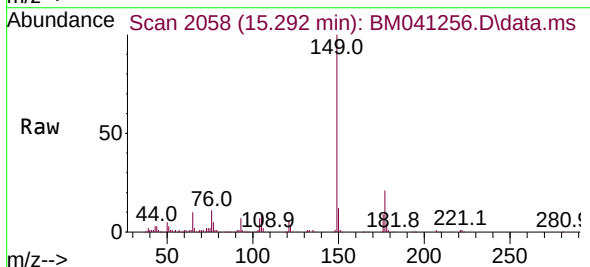
Instrument :
BNA_M
ClientSampleId :
PB154308BS

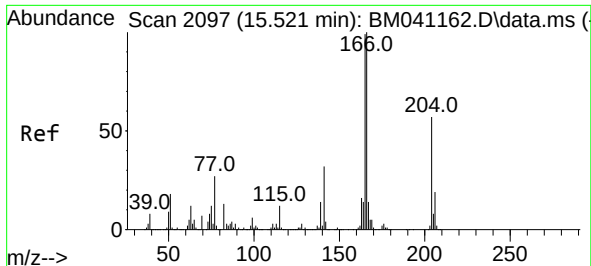
Tgt Ion:232 Resp: 37333
Ion Ratio Lower Upper
232 100
131 43.6 36.9 55.3
130 2.6 2.0 3.0
166 28.4 24.2 36.2



#60
Diethylphthalate
Concen: 5.407 ng
RT: 15.292 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:149 Resp: 134698
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 11.5 10.1 15.1

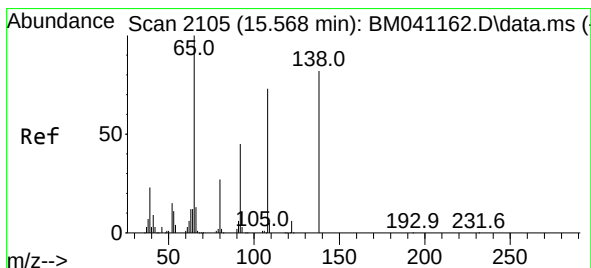
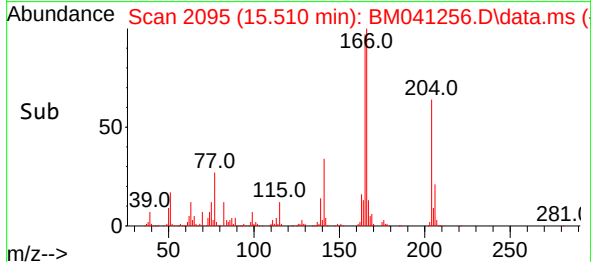
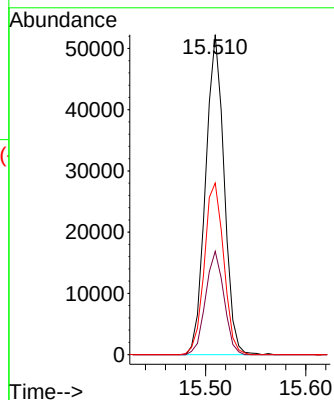
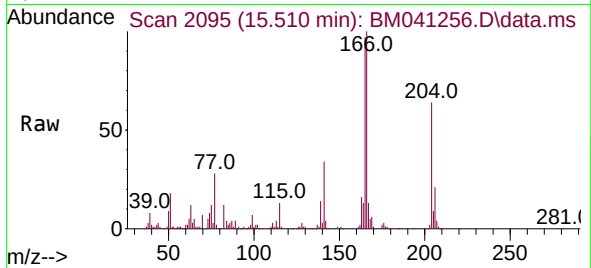




#61
4-Chlorophenyl-phenylether
Concen: 5.146 ng
RT: 15.510 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

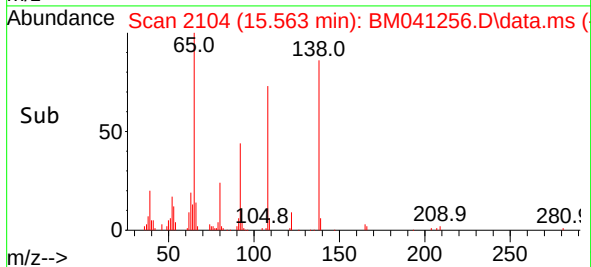
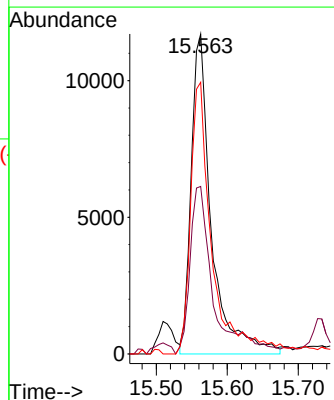
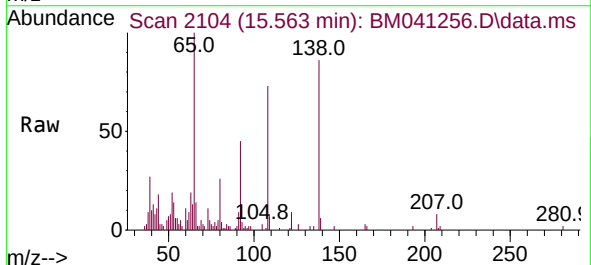
Instrument :
BNA_M
ClientSampleId :
PB154308BS

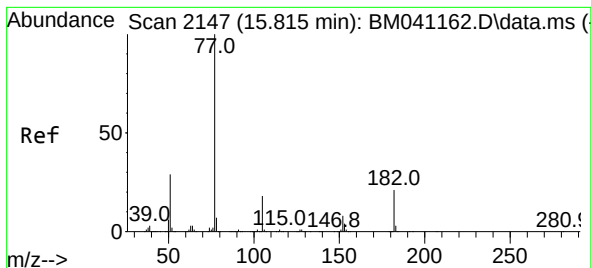
Tgt Ion:204 Resp: 66908
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 53.6 44.8 67.2



#62
4-Nitroaniline
Concen: 7.871 ng
RT: 15.563 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:138 Resp: 23201
Ion Ratio Lower Upper
138 100
92 52.3 35.1 75.1
108 84.9 67.8 107.8





#63

Azobenzene

Concen: 4.627 ng

RT: 15.804 min Scan# 2145

Delta R.T. -0.000 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

Tgt Ion: 77 Resp: 126253

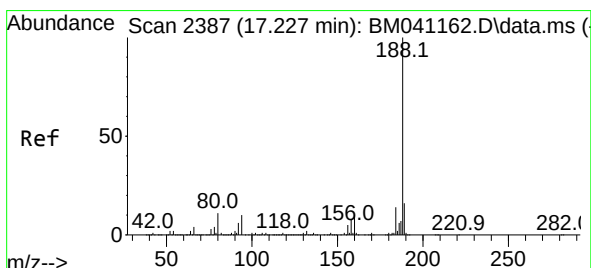
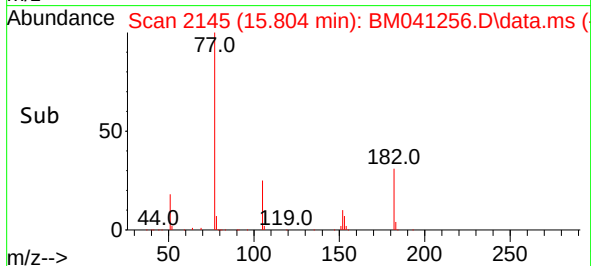
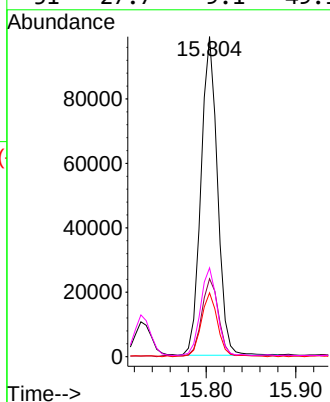
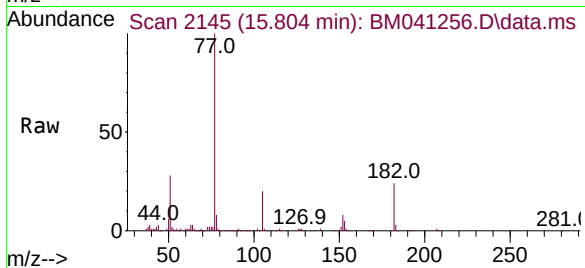
Ion Ratio Lower Upper

77 100

182 24.3 1.3 41.3

105 19.9 0.0 38.5

51 27.7 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2386

Delta R.T. -0.000 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

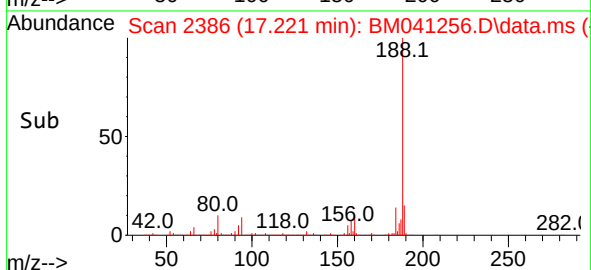
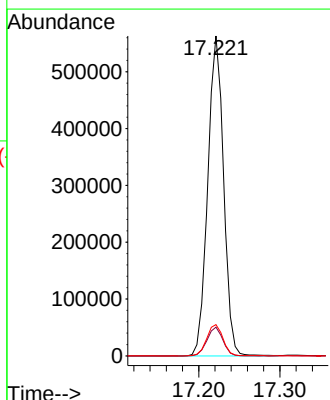
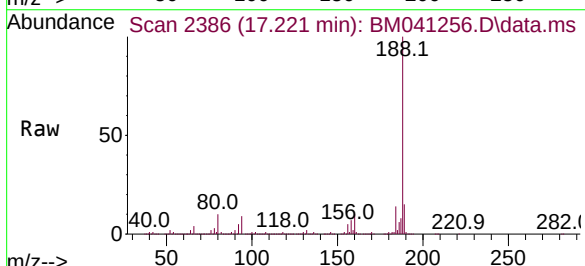
Tgt Ion: 188 Resp: 764469

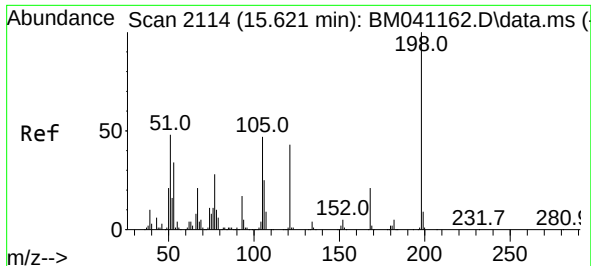
Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

80 9.8 8.6 13.0

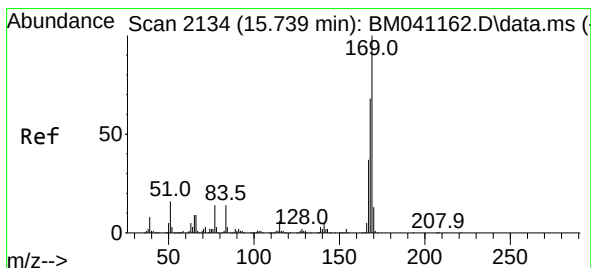
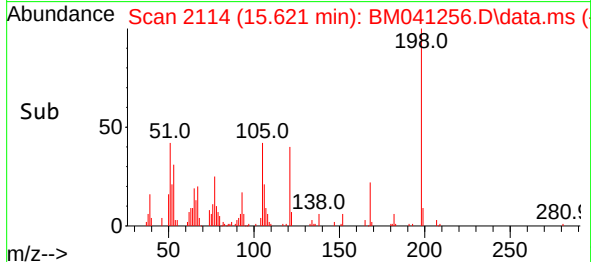
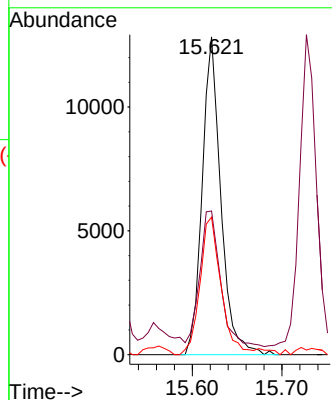
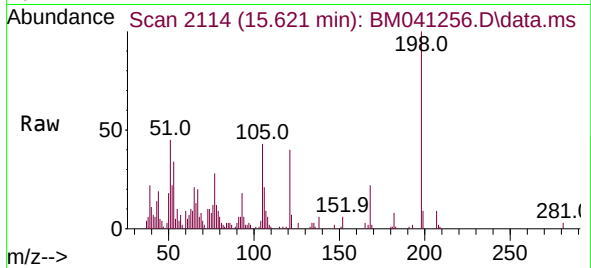




#65
4,6-Dinitro-2-methylphenol
Concen: 3.998 ng
RT: 15.621 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

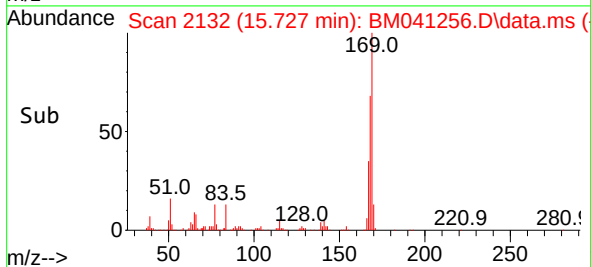
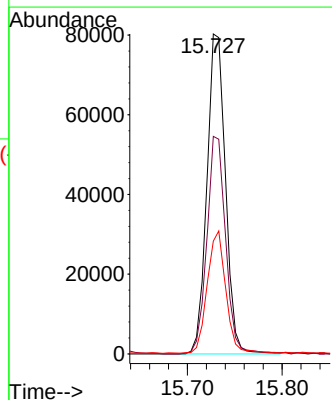
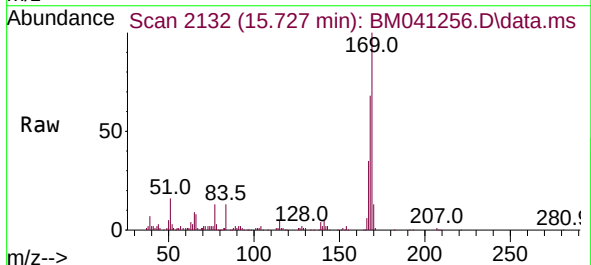
Instrument :
BNA_M
ClientSampleId :
PB154308BS

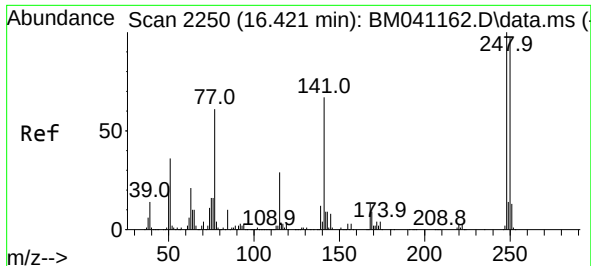
Tgt Ion:198 Resp: 18515
Ion Ratio Lower Upper
198 100
51 45.2 31.7 71.7
105 43.3 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 4.610 ng
RT: 15.727 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:169 Resp: 109599
Ion Ratio Lower Upper
169 100
168 68.0 54.6 81.8
167 35.2 29.9 44.9

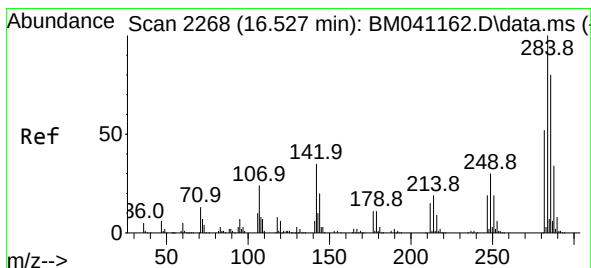
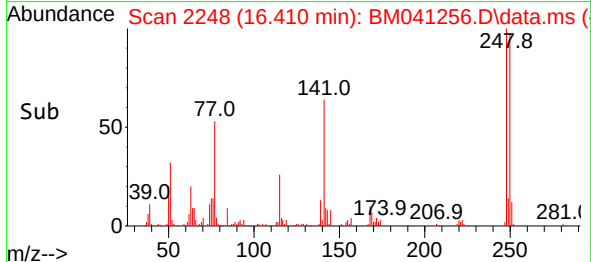
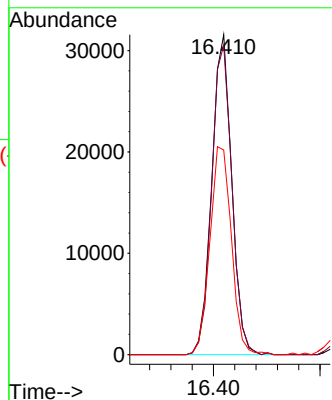
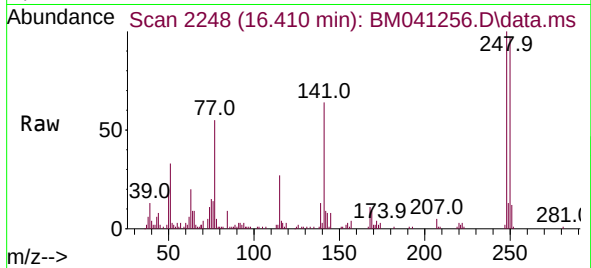




#67
4-Bromophenyl-phenylether
Concen: 4.901 ng
RT: 16.410 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

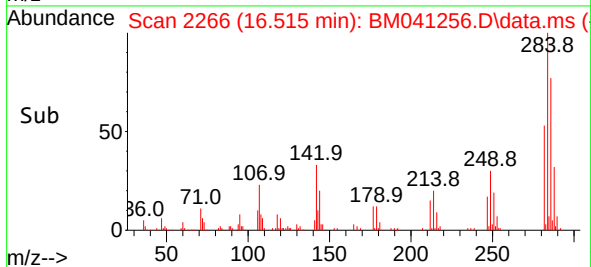
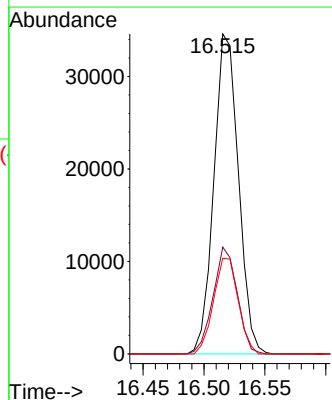
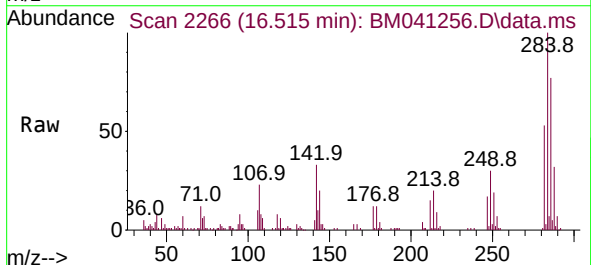
Instrument :
BNA_M
ClientSampleId :
PB154308BS

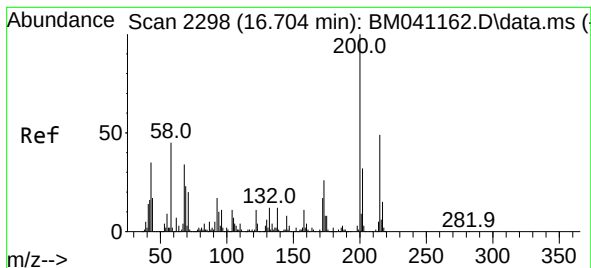
Tgt Ion:248 Resp: 41083
Ion Ratio Lower Upper
248 100
250 96.7 78.0 117.0
141 63.9 53.8 80.8



#68
Hexachlorobenzene
Concen: 5.208 ng
RT: 16.515 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:284 Resp: 48536
Ion Ratio Lower Upper
284 100
142 33.4 28.0 42.0
249 29.9 23.7 35.5





#69

Atrazine

Concen: 6.465 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

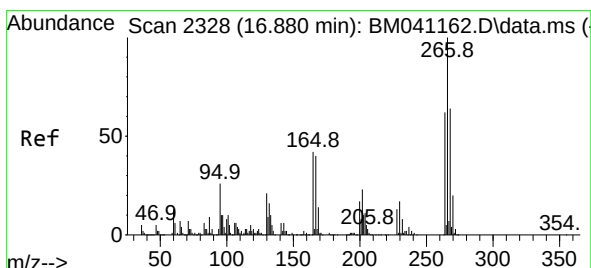
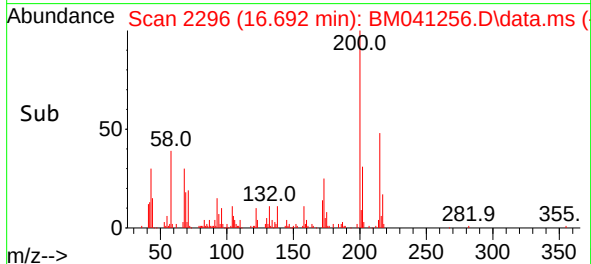
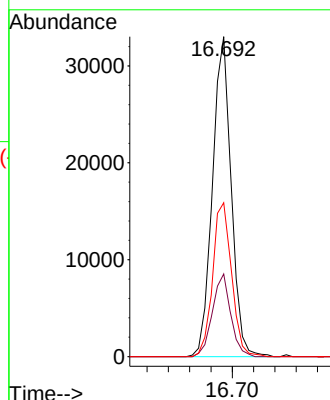
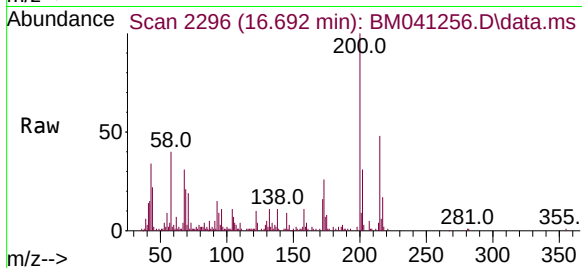
Tgt Ion:200 Resp: 40368

Ion Ratio Lower Upper

200 100

173 25.8 5.6 45.6

215 48.1 28.5 68.5



#70

Pentachlorophenol

Concen: 8.964 ng

RT: 16.874 min Scan# 2327

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

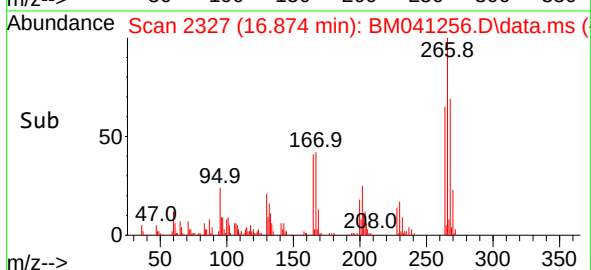
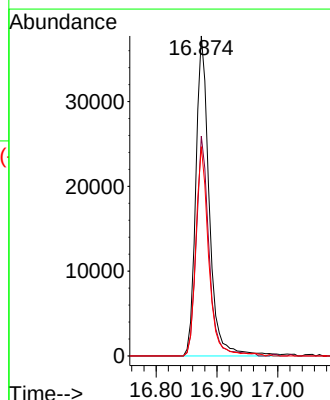
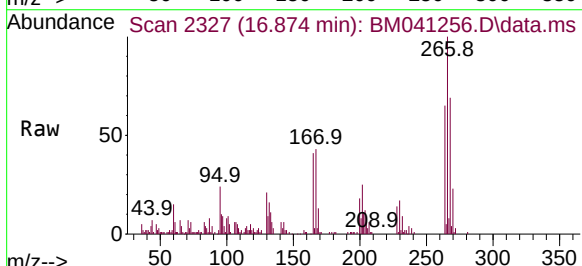
Tgt Ion:266 Resp: 57851

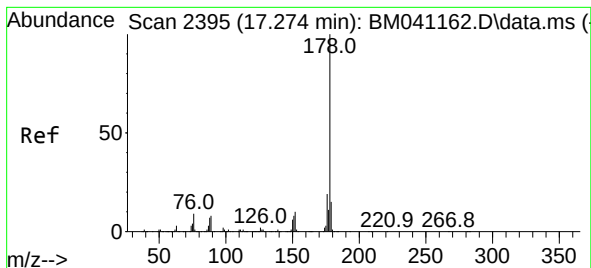
Ion Ratio Lower Upper

266 100

268 68.7 51.0 76.6

264 65.4 49.4 74.2





#71

Phenanthrene

Concen: 4.760 ng

RT: 17.262 min Scan# 2395

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

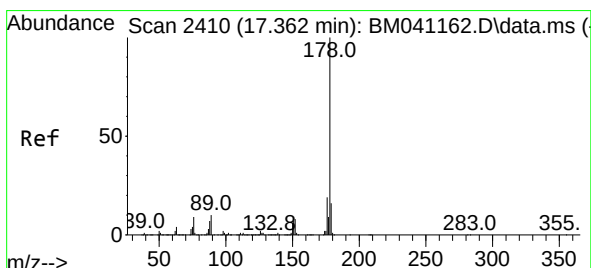
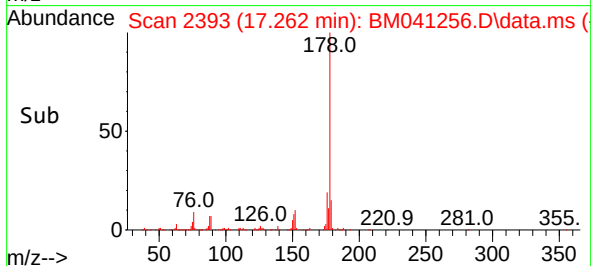
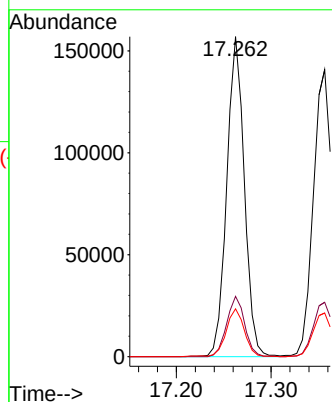
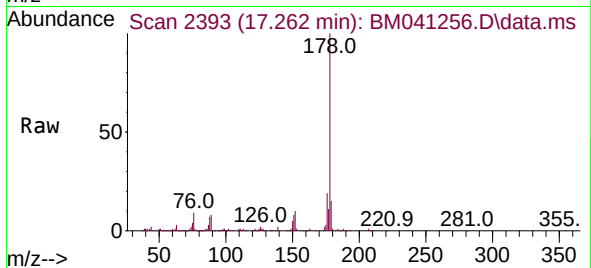
Tgt Ion:178 Resp: 202188

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

179 14.9 12.1 18.1



#72

Anthracene

Concen: 4.784 ng

RT: 17.357 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

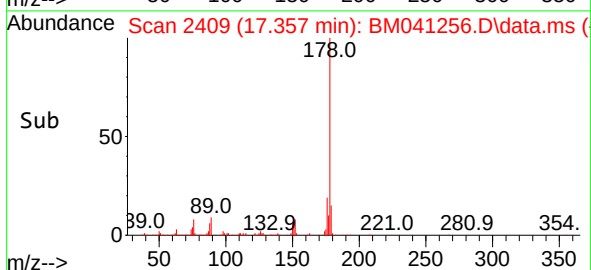
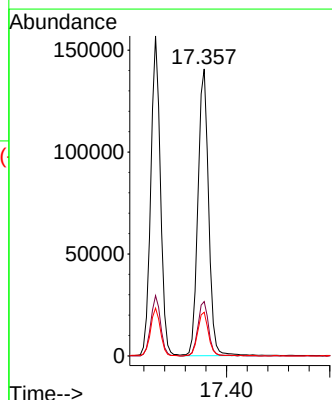
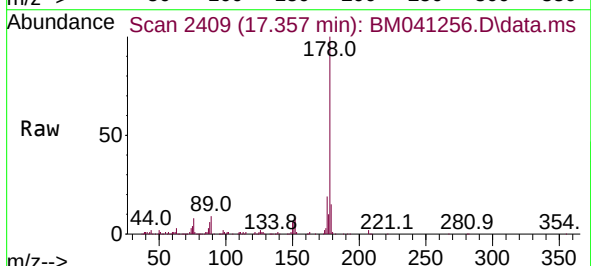
Tgt Ion:178 Resp: 200964

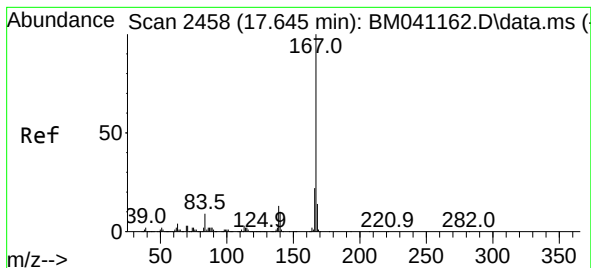
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.2 12.4 18.6





#73

Carbazole

Concen: 4.817 ng

RT: 17.639 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

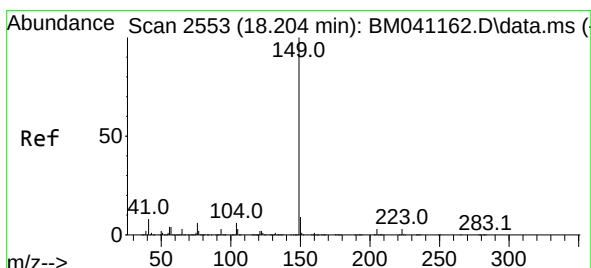
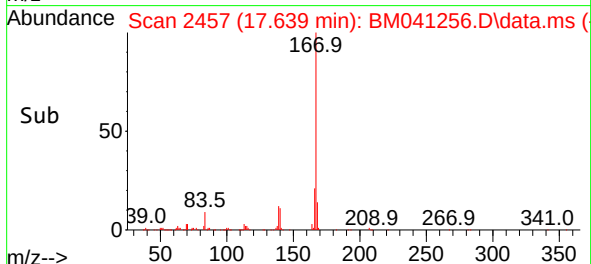
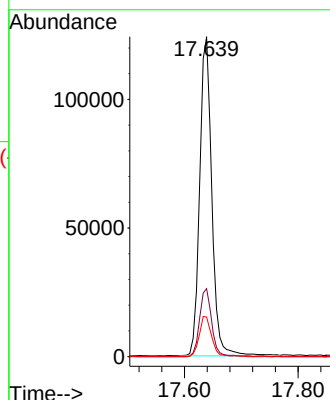
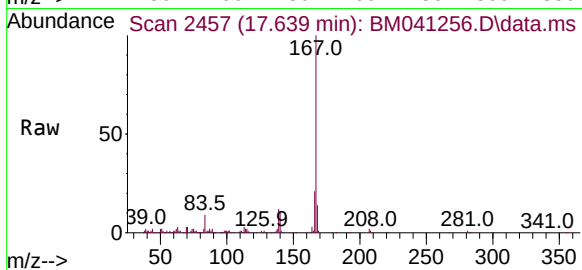
Tgt Ion:167 Resp: 183145

Ion Ratio Lower Upper

167 100

166 21.2 17.3 25.9

139 12.4 10.3 15.5



#74

Di-n-butylphthalate

Concen: 5.591 ng

RT: 18.192 min Scan# 2551

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

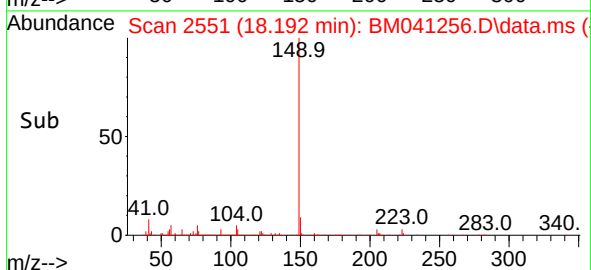
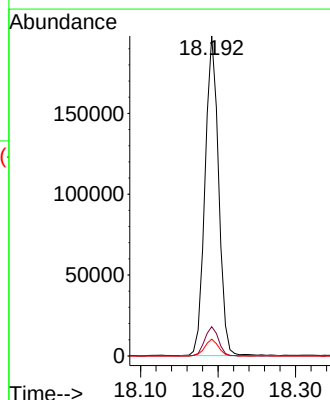
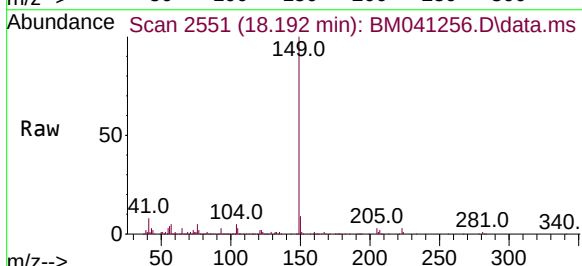
Tgt Ion:149 Resp: 240219

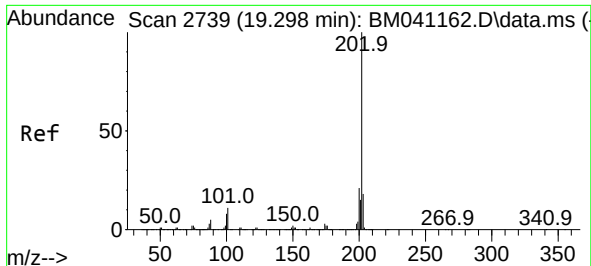
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.2 4.5 6.7

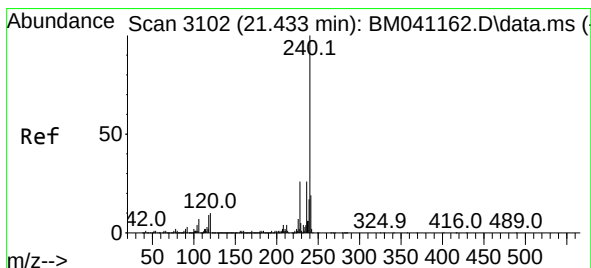
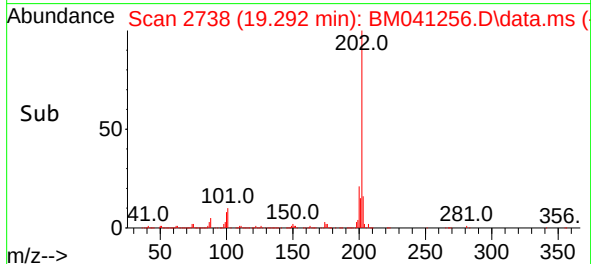
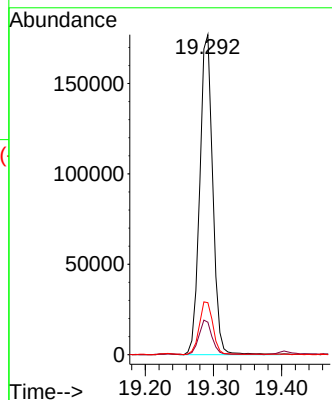
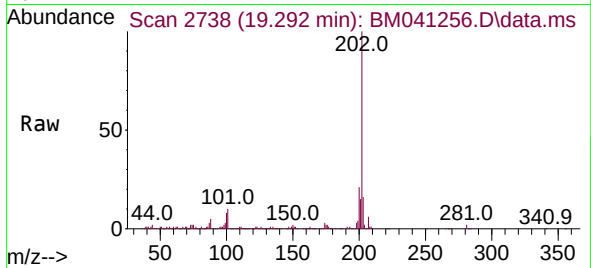




#75
Fluoranthene
Concen: 4.909 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

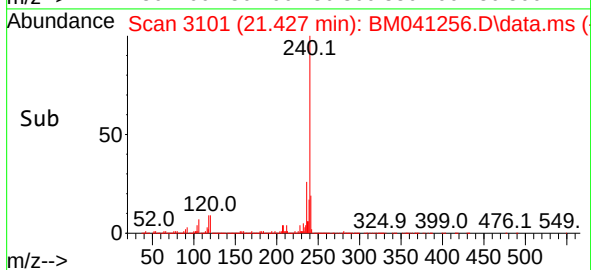
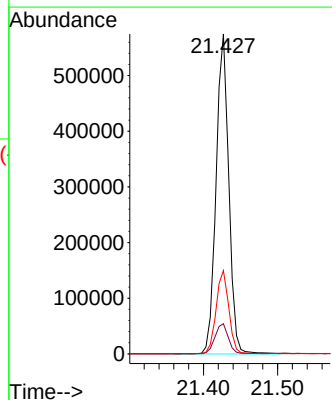
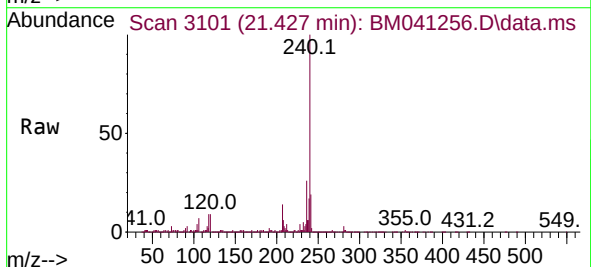
Instrument :
BNA_M
ClientSampleId :
PB154308BS

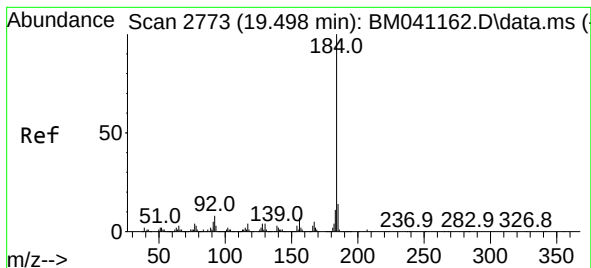
Tgt Ion:202 Resp: 234239
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.8
203 16.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:240 Resp: 683703
Ion Ratio Lower Upper
240 100
120 9.4 8.3 12.5
236 26.0 20.6 30.8





#77

Benzidine

Concen: 7.536 ng

RT: 19.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

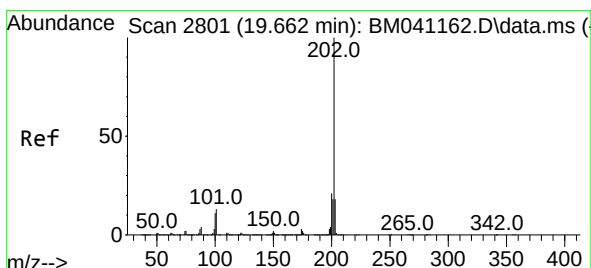
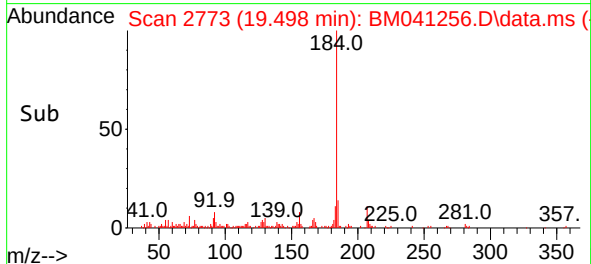
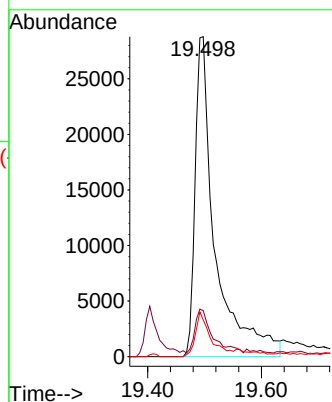
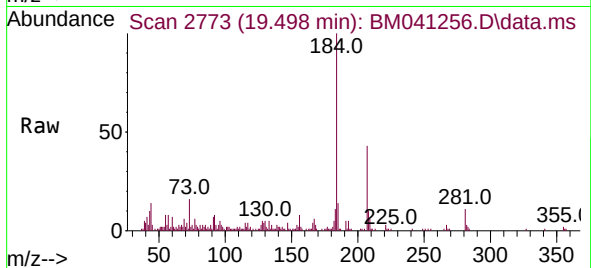
Tgt Ion:184 Resp: 70224

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

183 11.4 9.2 13.8



#78

Pyrene

Concen: 5.124 ng

RT: 19.656 min Scan# 2800

Delta R.T. -0.000 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

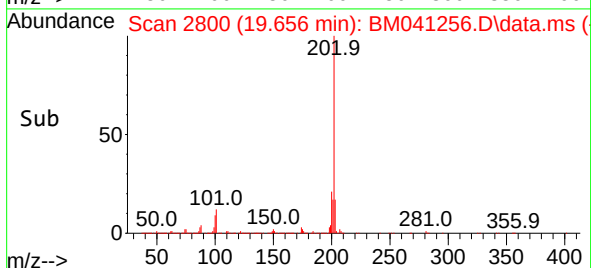
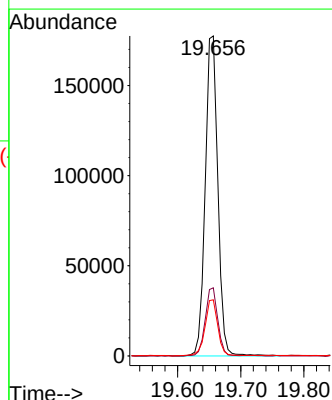
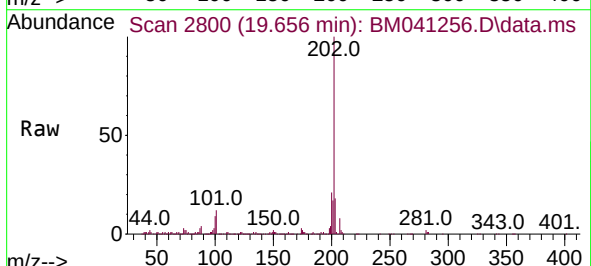
Tgt Ion:202 Resp: 245010

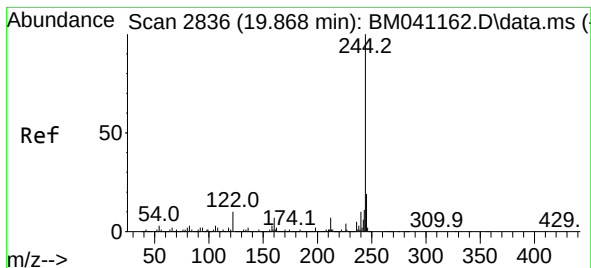
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 10.370 ng

RT: 19.856 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

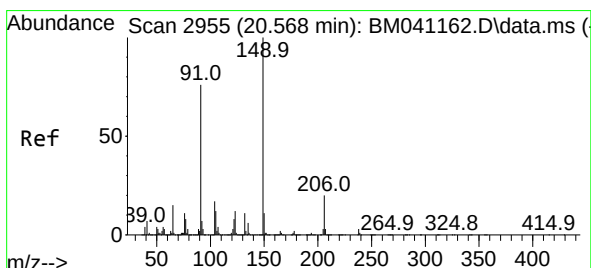
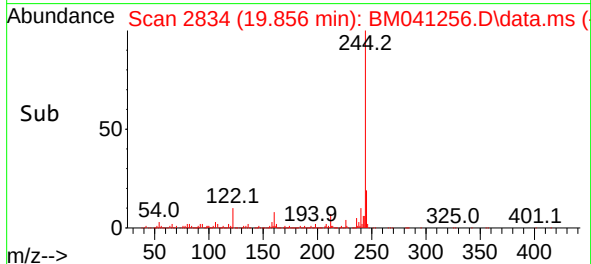
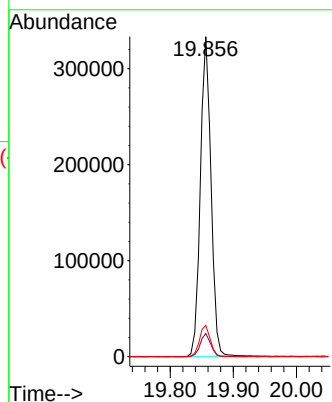
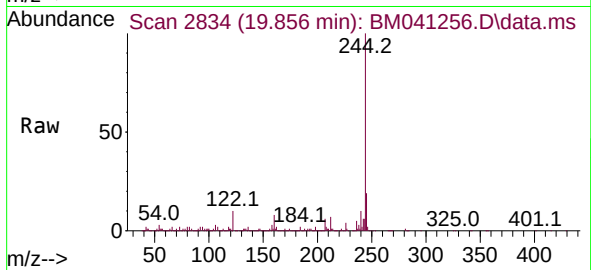
Tgt Ion:244 Resp: 392147

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 9.8 7.8 11.6



#80

Butylbenzylphthalate

Concen: 6.037 ng

RT: 20.556 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

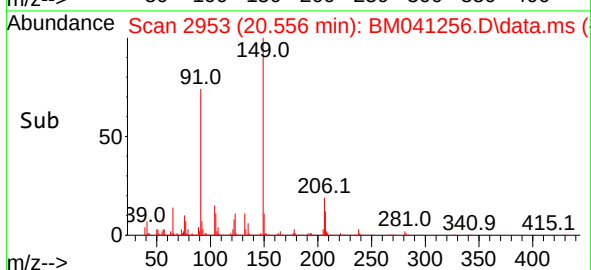
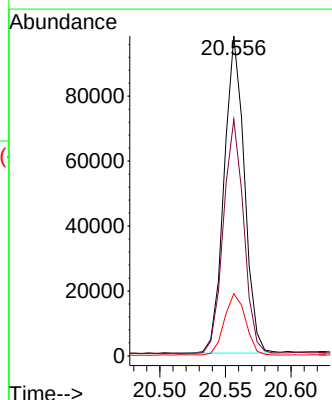
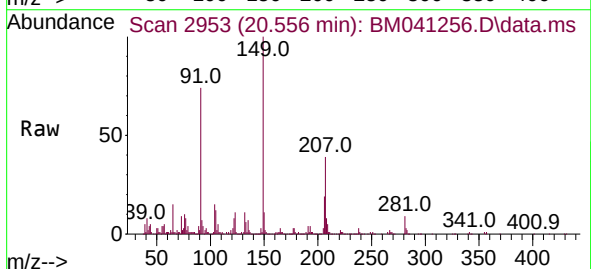
Tgt Ion:149 Resp: 105415

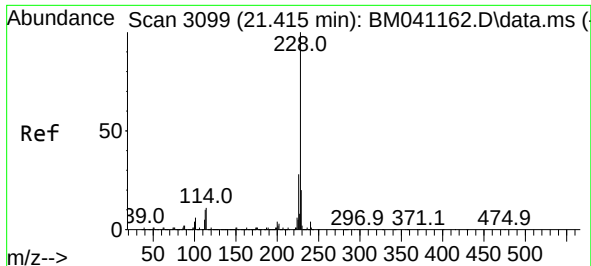
Ion Ratio Lower Upper

149 100

91 73.9 60.8 91.2

206 19.4 16.4 24.6

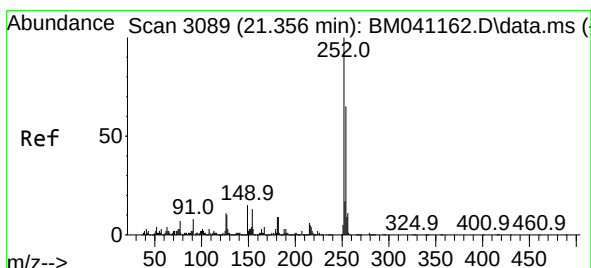
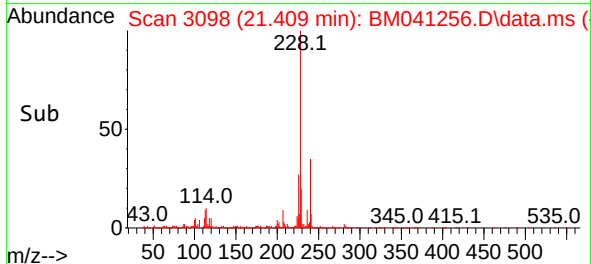
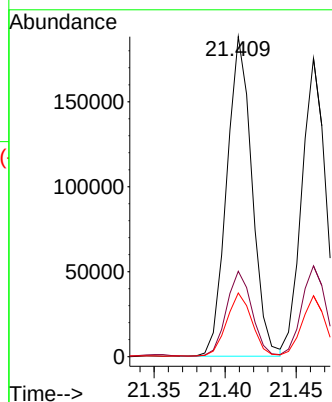
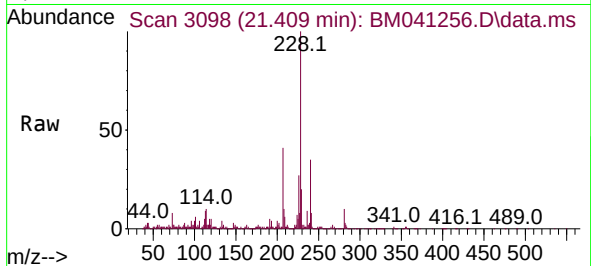




#81
Benzo(a)anthracene
Concen: 5.019 ng
RT: 21.409 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

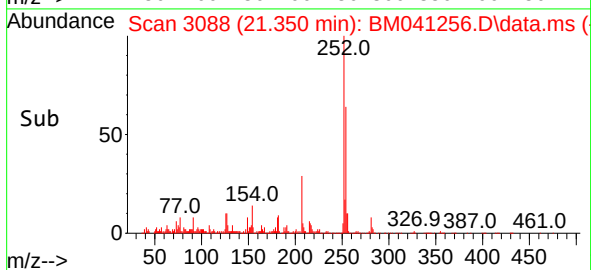
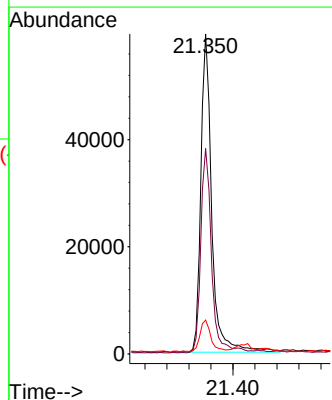
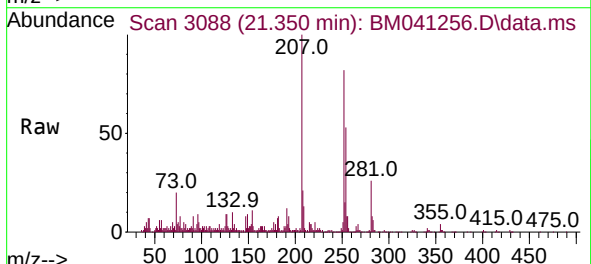
Instrument :
BNA_M
ClientSampleId :
PB154308BS

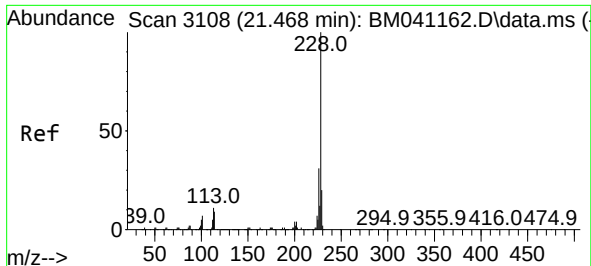
Tgt Ion:228 Resp: 232612
Ion Ratio Lower Upper
228 100
226 26.7 22.4 33.6
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 5.412 ng
RT: 21.350 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:252 Resp: 81846
Ion Ratio Lower Upper
252 100
254 64.2 51.8 77.6
126 10.6 8.6 13.0

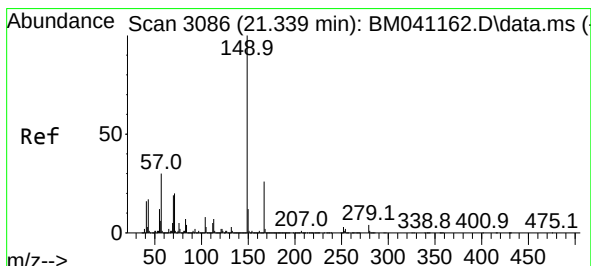
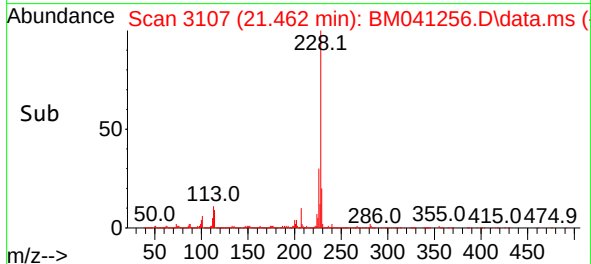
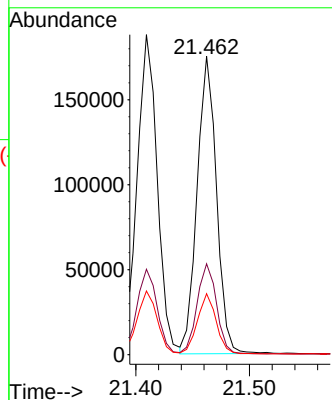
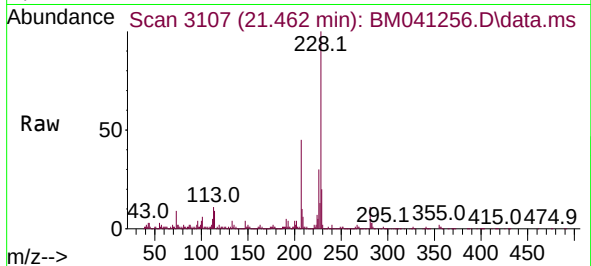




#83
Chrysene
Concen: 4.626 ng
RT: 21.462 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

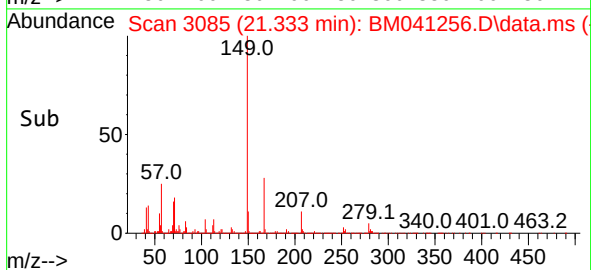
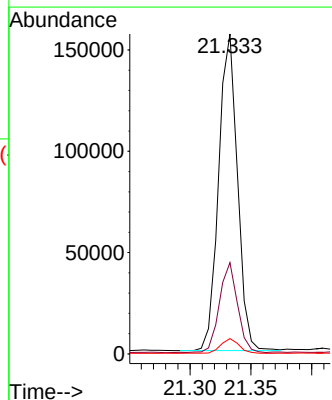
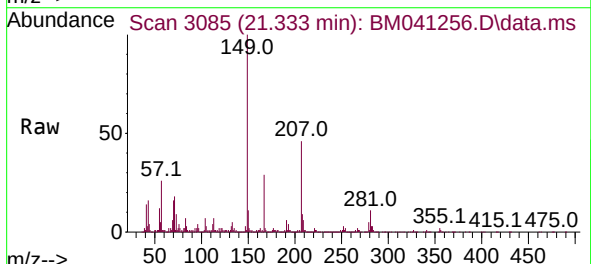
Instrument :
BNA_M
ClientSampleId :
PB154308BS

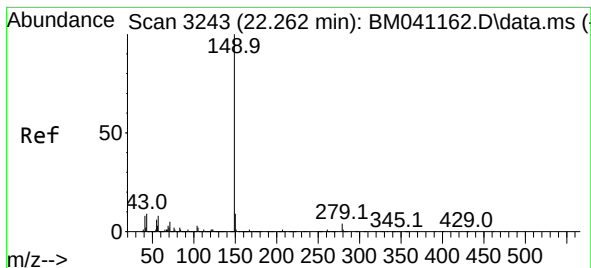
Tgt Ion:	228	Resp:	207405
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.5	36.7
229	20.4	15.8	23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.294 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM041256.D
Acq: 03 Aug 2023 10:48

Tgt Ion:	149	Resp:	168473
Ion Ratio	Lower	Upper	
149	100		
167	28.5	21.0	31.6
279	4.8	3.1	4.7#





#85

Di-n-octyl phthalate

Concen: 5.851 ng

RT: 22.250 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

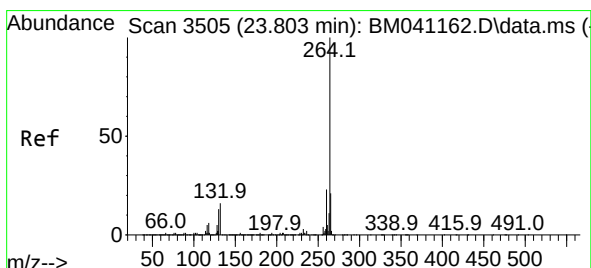
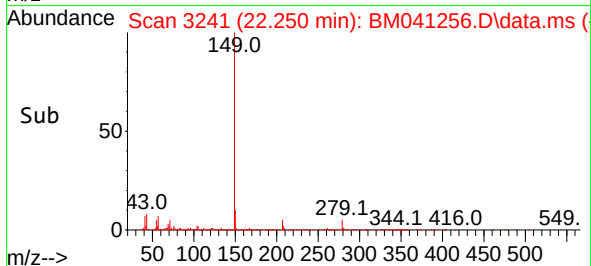
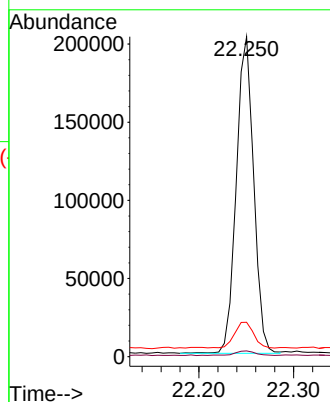
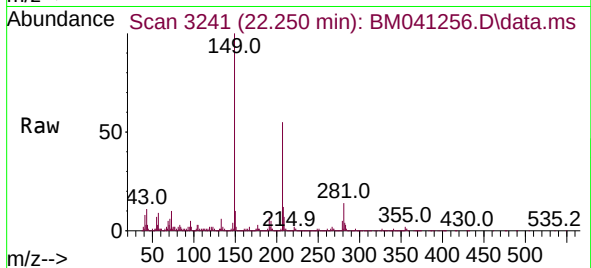
Tgt Ion:149 Resp: 258193

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.0 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 3504

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

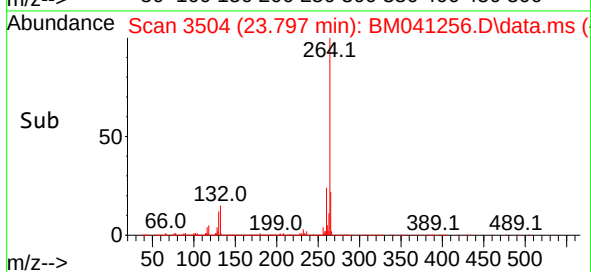
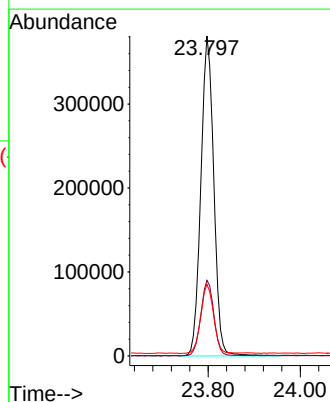
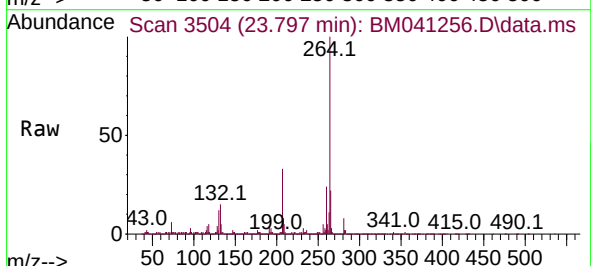
Tgt Ion:264 Resp: 739143

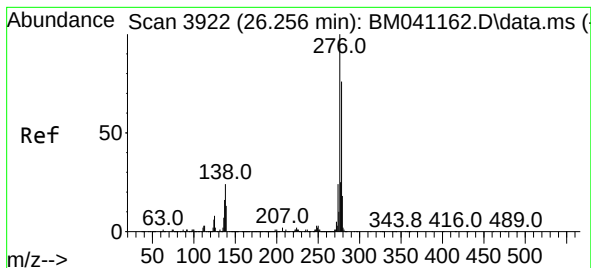
Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.481 ng

RT: 26.244 min Scan# 3922

Delta R.T. -0.018 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

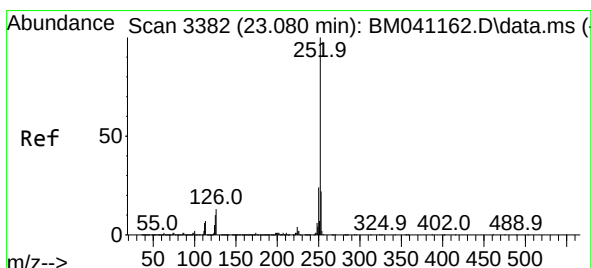
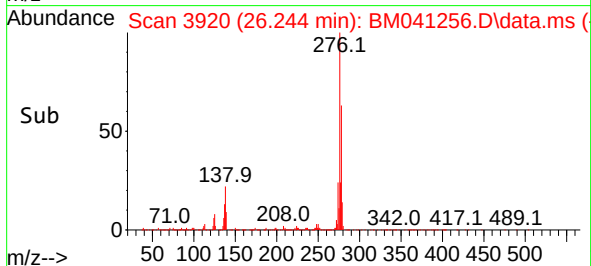
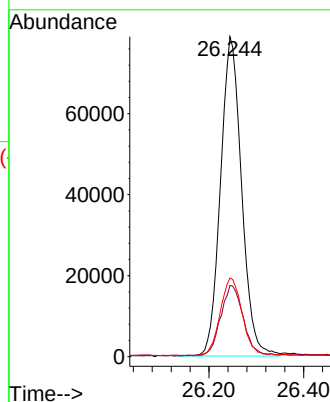
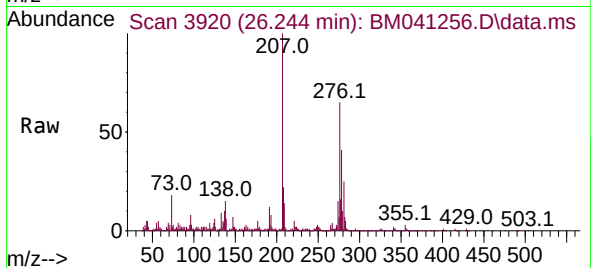
Tgt Ion:276 Resp: 243537

Ion Ratio Lower Upper

276 100

138 23.4 20.0 30.0

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 4.916 ng

RT: 23.074 min Scan# 3381

Delta R.T. -0.012 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

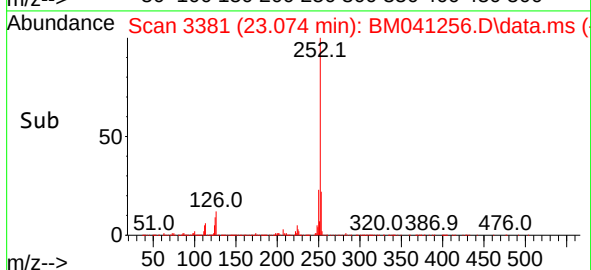
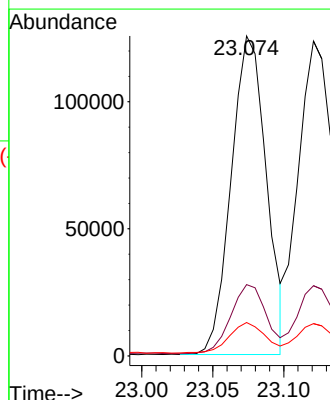
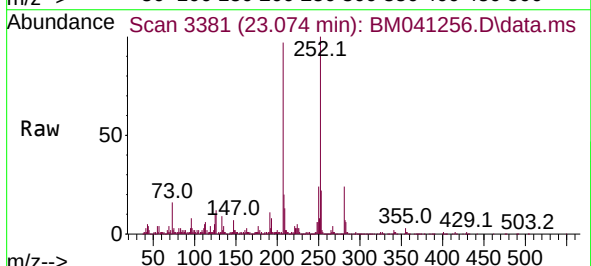
Tgt Ion:252 Resp: 215859

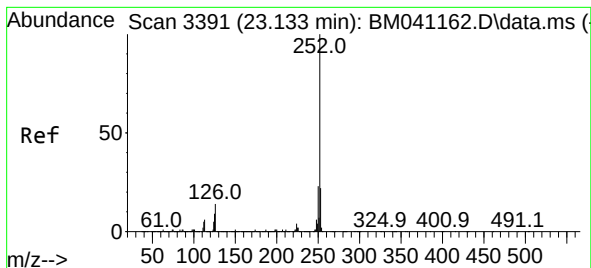
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.4 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 4.823 ng

RT: 23.121 min Scan# 3391

Delta R.T. -0.012 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

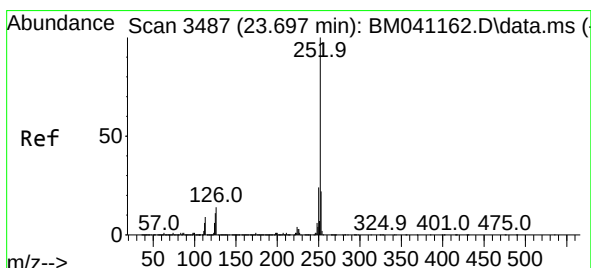
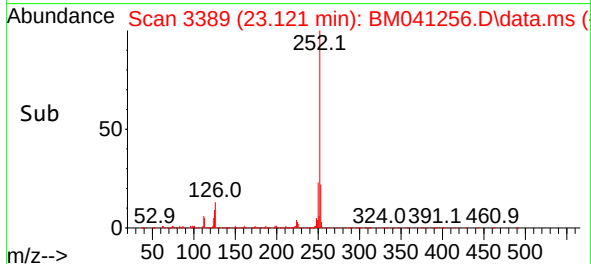
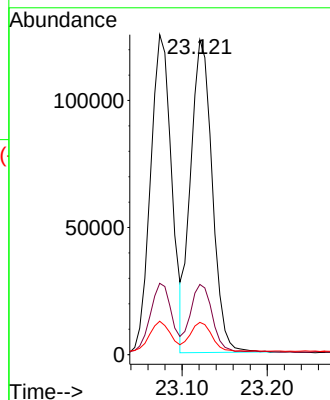
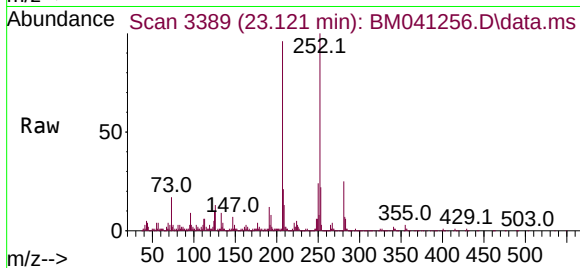
Tgt Ion:252 Resp: 216624

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.3 7.6 11.4



#90

Benzo(a)pyrene

Concen: 4.545 ng

RT: 23.691 min Scan# 3486

Delta R.T. -0.006 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

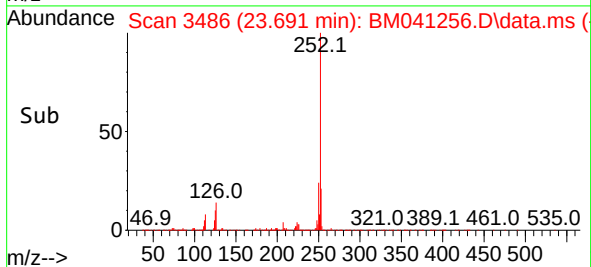
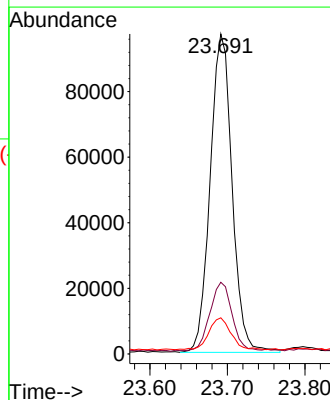
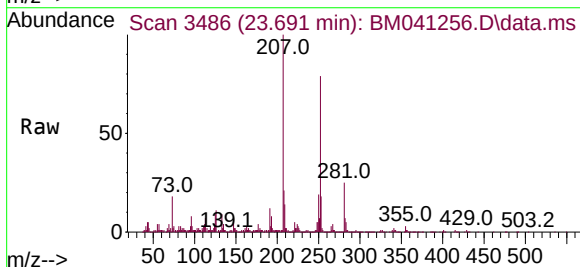
Tgt Ion:252 Resp: 191754

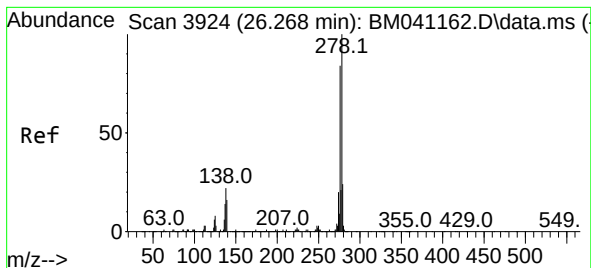
Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 11.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 4.539 ng

RT: 26.262 min Scan# 39

Delta R.T. -0.012 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Instrument :

BNA_M

ClientSampleId :

PB154308BS

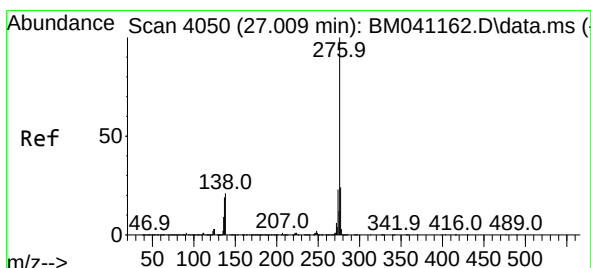
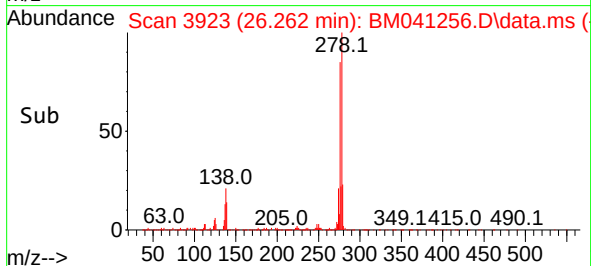
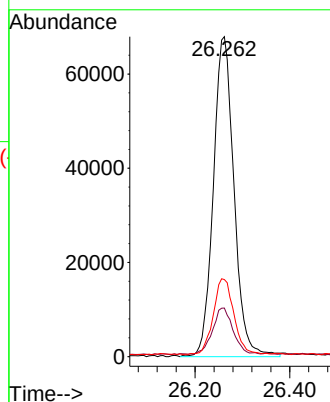
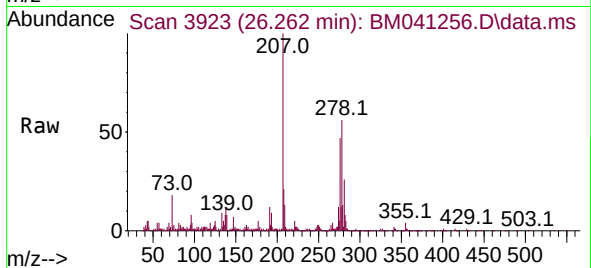
Tgt Ion:278 Resp: 205723

Ion Ratio Lower Upper

278 100

139 15.2 12.7 19.1

279 24.1 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 4.502 ng

RT: 26.997 min Scan# 4048

Delta R.T. -0.018 min

Lab File: BM041256.D

Acq: 03 Aug 2023 10:48

Tgt Ion:276 Resp: 199683

Ion Ratio Lower Upper

276 100

277 22.6 19.1 28.7

138 19.1 17.1 25.7

