

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039107.D
 Acq On : 23 Mar 2023 00:31
 Operator : CG/JU
 Sample : 02032-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-2

Quant Time: Mar 23 04:28:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	421880	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1583475	20.000	ng	# 0.01
39) Acenaphthene-d10	14.610	164	821030	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	1420490	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1043244	20.000	ng	0.02
86) Perylene-d12	23.997	264	1324701	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2383828	85.847	ng	0.00
7) Phenol-d6	7.139	99	3019339	83.712	ng	0.01
23) Nitrobenzene-d5	9.145	82	2016294	62.548	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	705217	74.249	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	3533871	56.032	ng	0.00
79) Terphenyl-d14	19.980	244	3637104	63.742	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.110	77	560259	32.643	ng	# 1
10) Phenol	7.163	94	346519	9.047	ng	93
15) Benzyl Alcohol	8.198	79	123949	4.795	ng	# 59
17) 2-Methylphenol	8.422	107	166327	6.321	ng	# 76
18) Hexachloroethane	9.039	117	221560	18.794	ng	# 5
19) n-Nitroso-di-n-propyla...	8.739	70	157740	6.943	ng	# 66
20) 3+4-Methylphenols	8.751	107	429633	12.229	ng	91
22) Acetophenone	8.781	105	1425302	32.082	ng	# 60
24) Nitrobenzene	9.175	77	157634	4.652	ng	# 45
25) Isophorone	9.704	82	305653	5.152	ng	# 1
26) 2-Nitrophenol	9.904	139	32707	5.041	ng	# 1
27) 2,4-Dimethylphenol	9.963	122	91696	3.548	ng	# 76
29) 2,4-Dichlorophenol	10.439	162	66988	2.734	ng	# 50
32) Benzoic acid	10.051	122	65395	8.769	ng	# 40
33) 4-Chloroaniline	10.875	127	7545355	196.086	ng	# 35
35) Caprolactam	11.698	113	25299	3.392	ng	# 1
37) 2-Methylnaphthalene	12.445	142	3779650	62.454	ng	99
38) 1-Methylnaphthalene	12.445	142	3779650	66.644	ng	97
46) 1,1'-Biphenyl	13.445	154	279493	4.018	ng	99
48) 2-Nitroaniline	13.733	65	5482	2.527	ng	# 58
49) Acenaphthylene	14.333	152	751296	8.993	ng	97
51) 2,6-Dinitrotoluene	14.221	165	6923	2.004	ng	# 22
52) Acenaphthene	14.674	154	336225	6.548	ng	98
54) 2,4-Dinitrophenol	14.710	184	3810	5.634	ng	# 1
55) Dibenzofuran	15.010	168	680791	8.473	ng	# 98
57) 2,4-Dinitrotoluene	14.963	165	52182	4.787	ng	# 62
58) Fluorene	15.657	166	764384	12.145	ng	98
62) 4-Nitroaniline	15.657	138	6335	2.116	ng	88
63) Azobenzene	15.962	77	231473	3.559	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.721	198	464	5.133	ng	# 1
66) n-Nitrosodiphenylamine	15.862	169	97419	2.034	ng	87
71) Phenanthrene	17.398	178	4900302	58.778	ng	100
72) Anthracene	17.486	178	1238684	14.899	ng	99
73) Carbazole	17.762	167	633312	8.346	ng	# 95
74) Di-n-butylphthalate	18.315	149	57503	2.397	ng	# 23
75) Fluoranthene	19.421	202	11887867	135.051	ng	97

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

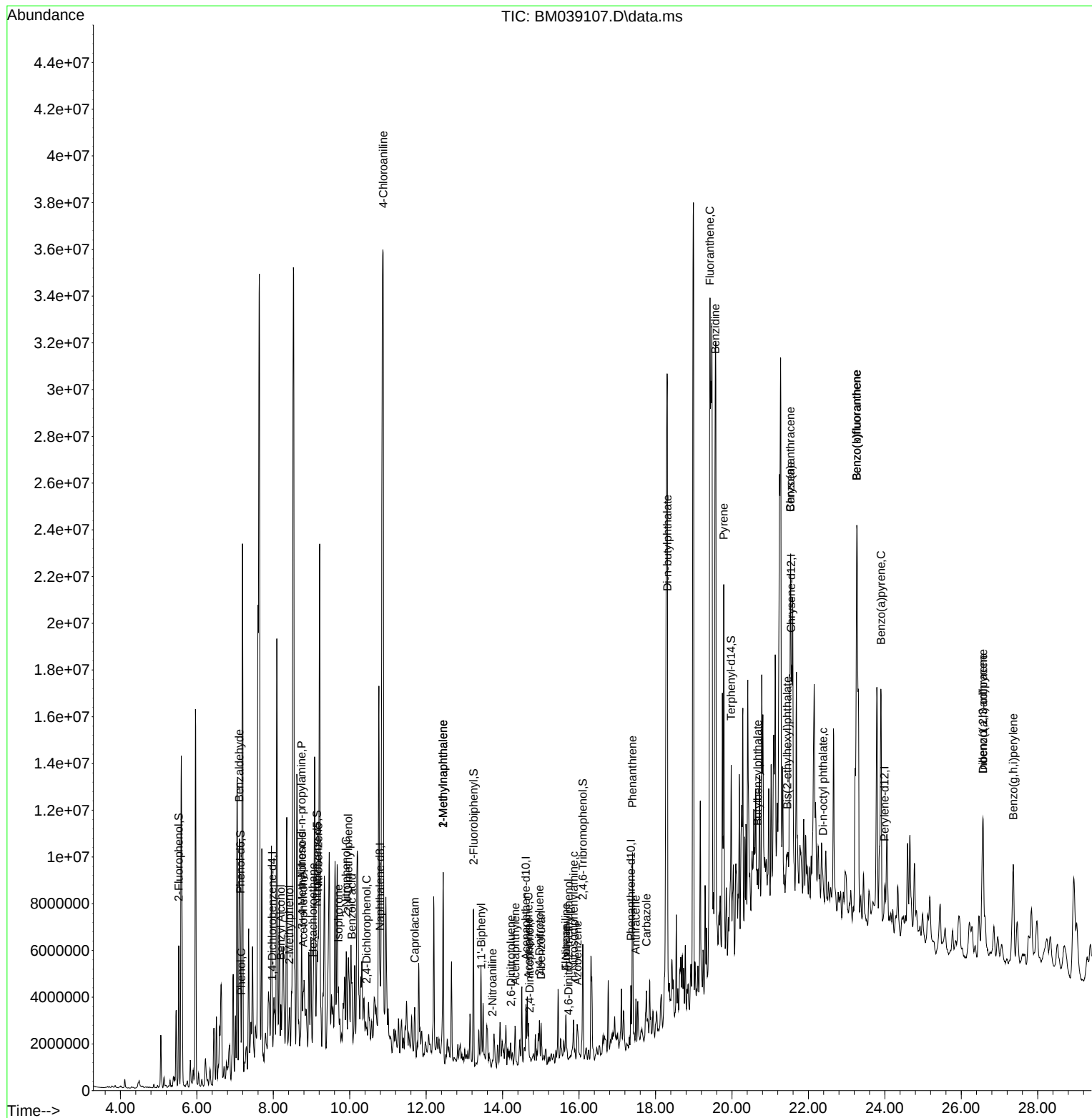
77) Benzidine	19.562	184	12113	5.334	ng	# 1
78) Pyrene	19.786	202	10205287	130.242	ng	98
80) Butylbenzylphthalate	20.674	149	8303	3.548	ng	# 1
81) Benzo(a)anthracene	21.533	228	8975373	119.466	ng	93
83) Chrysene	21.533	228	8975373	122.833	ng	97
84) Bis(2-ethylhexyl)phtha...	21.450	149	150619	5.450	ng	# 78
85) Di-n-octyl phthalate	22.386	149	14831	3.967	ng	# 75
87) Indeno(1,2,3-cd)pyrene	26.568	276	6976889	69.215	ng	96
88) Benzo(b)fluoranthene	23.268	252	18100108	213.872	ng	97
89) Benzo(k)fluoranthene	23.268	252	18100108	205.507	ng	97
90) Benzo(a)pyrene	23.897	252	8800216	108.044	ng	97
91) Dibenzo(a,h)anthracene	26.568	278	2257573	26.446	ng	# 92
92) Benzo(g,h,i)perylene	27.362	276	6465564	77.415	ng	99

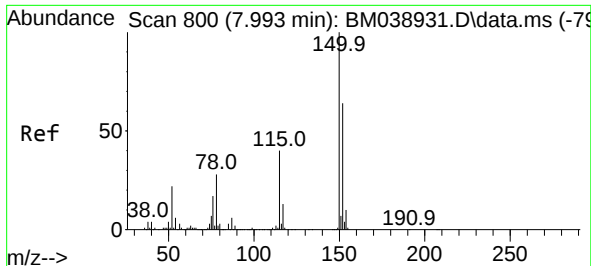
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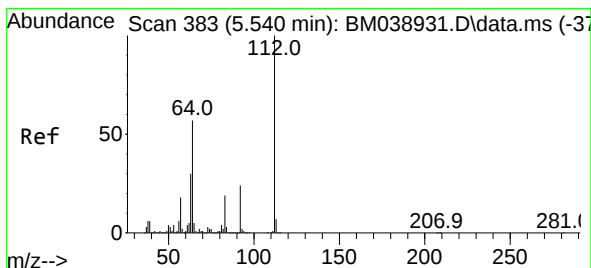
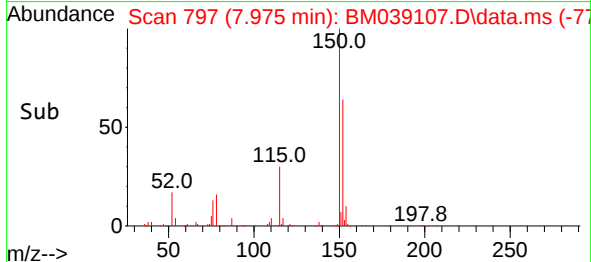
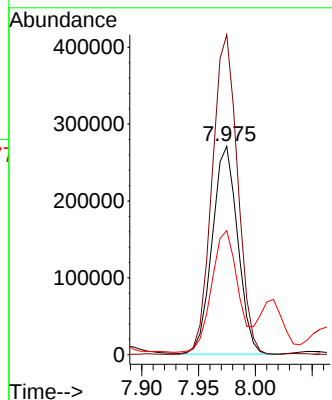
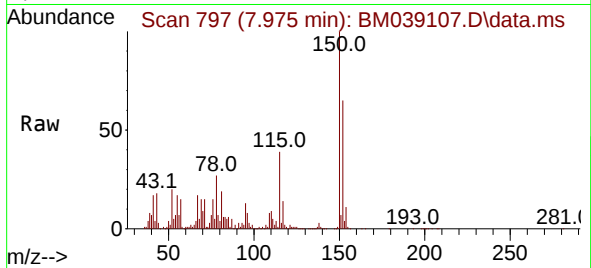




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. 0.006 min
Lab File: BM039107.D
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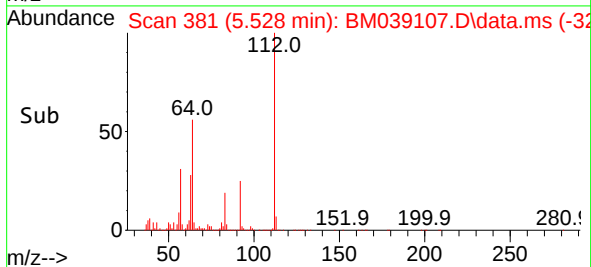
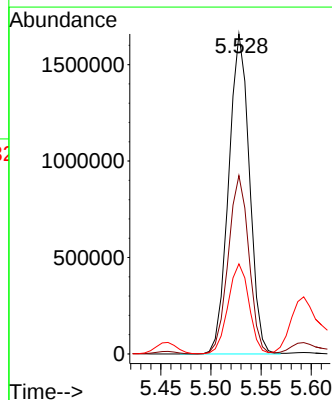
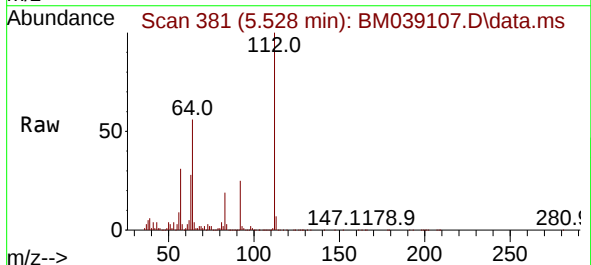
Instrument :
BNA_M
ClientSampleId :
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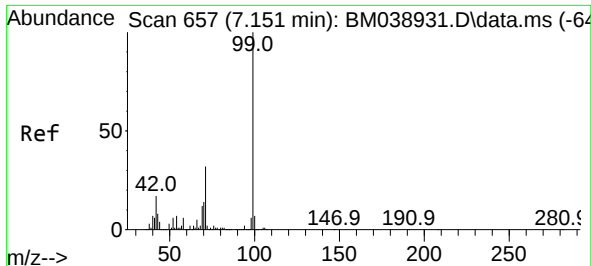
Tgt Ion:152 Resp: 421880
Ion Ratio Lower Upper
152 100
150 153.6 125.1 187.7
115 59.5 49.6 74.4



#5
2-Fluorophenol
Concen: 85.847 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion:112 Resp: 2383828
Ion Ratio Lower Upper
112 100
64 55.7 45.9 68.9
63 28.1 23.8 35.8

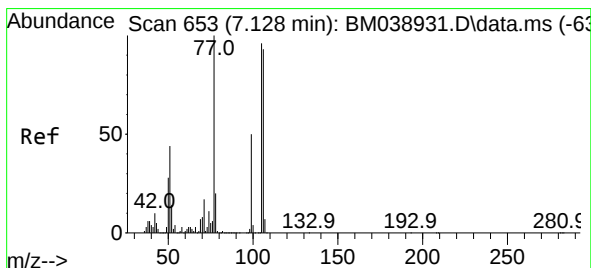
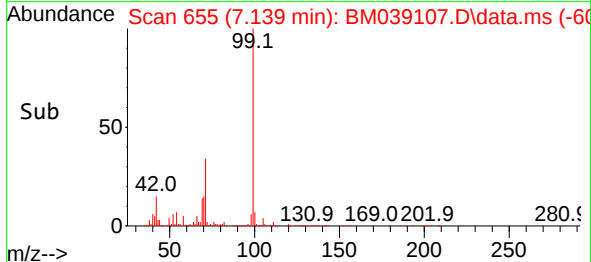
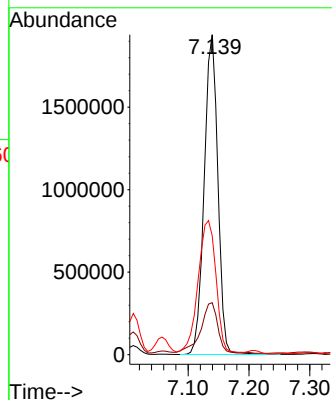
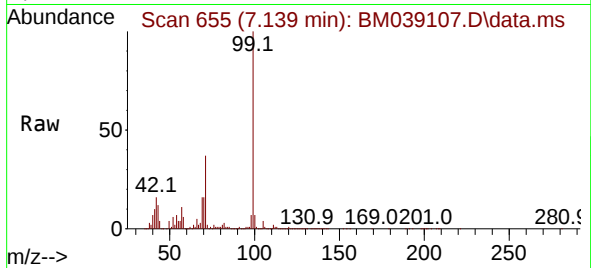




#7
Phenol-d6
Concen: 83.712 ng
RT: 7.139 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

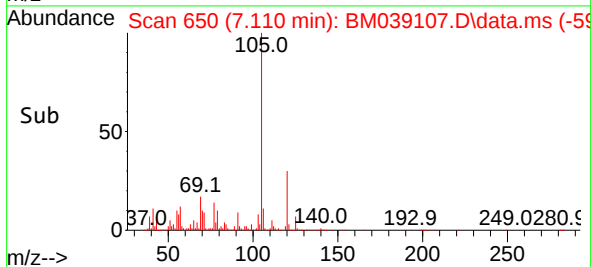
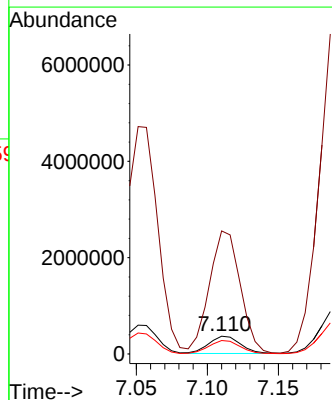
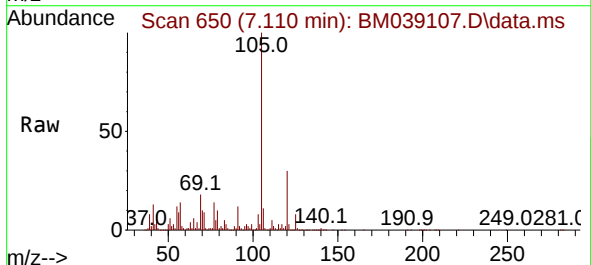
Instrument :
BNA_M
ClientSampleId :
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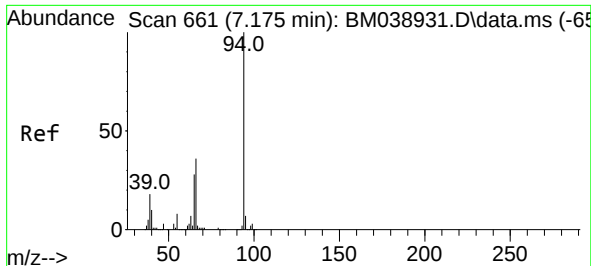
Tgt Ion: 99 Resp: 3019339
Ion Ratio Lower Upper
99 100
42 16.2 13.5 20.3
71 37.2 25.6 38.4



#9
Benzaldehyde
Concen: 32.643 ng
RT: 7.110 min Scan# 650
Delta R.T. 0.006 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion: 77 Resp: 560259
Ion Ratio Lower Upper
77 100
105 695.0 75.8 115.8#
106 76.1 72.6 112.6

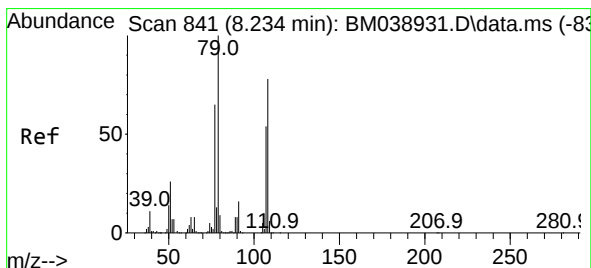
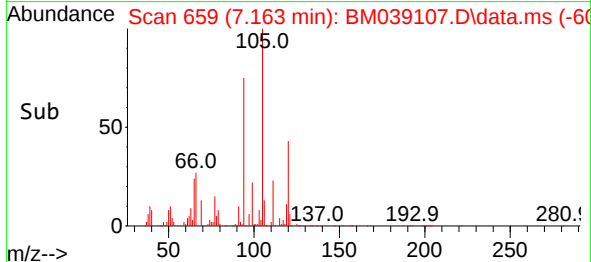
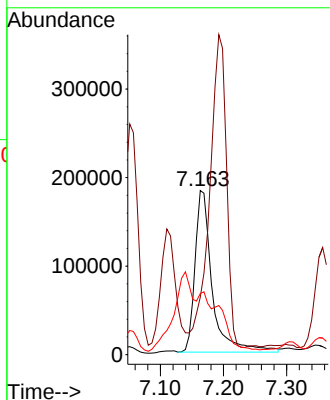
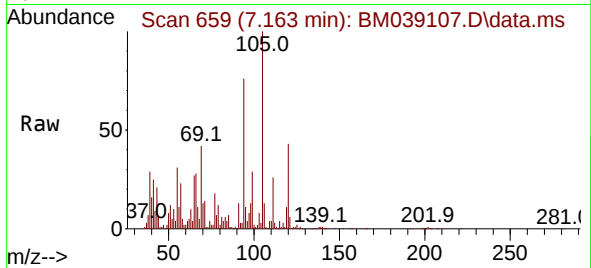




#10
Phenol
Concen: 9.047 ng
RT: 7.163 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

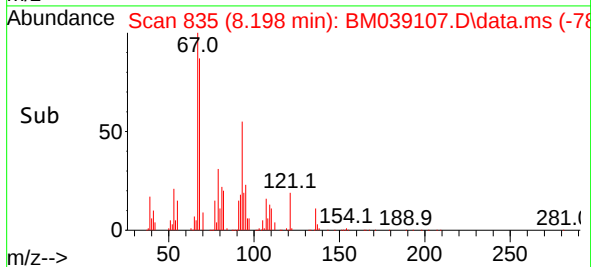
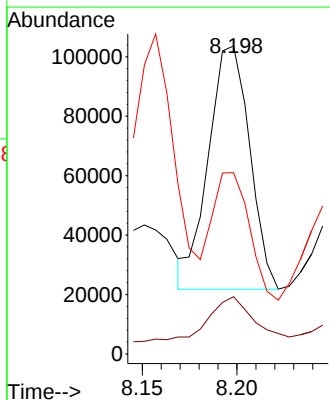
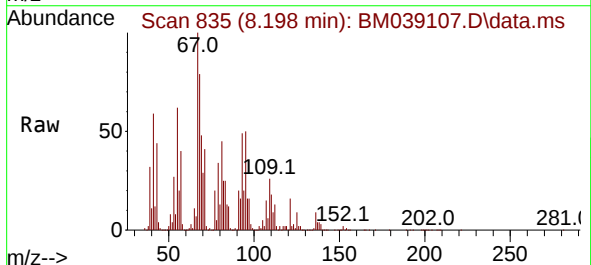
Instrument :
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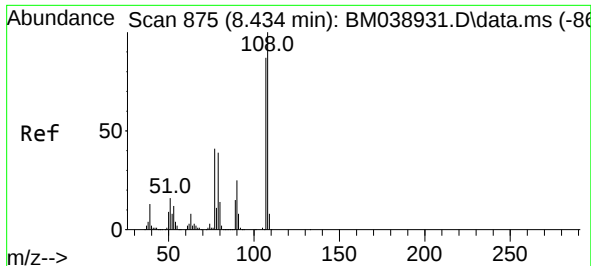
Tgt Ion: 94 Resp: 346519
Ion Ratio Lower Upper
94 100
65 35.0 7.9 47.9
66 37.2 15.8 55.8



#15
Benzyl Alcohol
Concen: 4.795 ng
RT: 8.198 min Scan# 835
Delta R.T. -0.012 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion: 79 Resp: 123949
Ion Ratio Lower Upper
79 100
108 18.6 62.4 93.6#
77 58.9 52.2 78.4

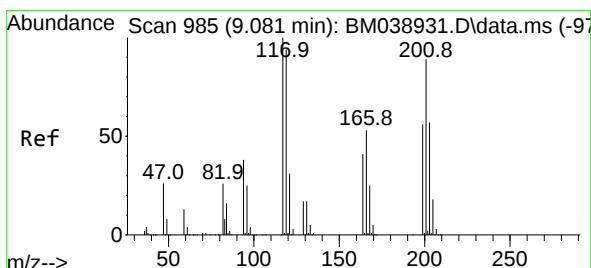
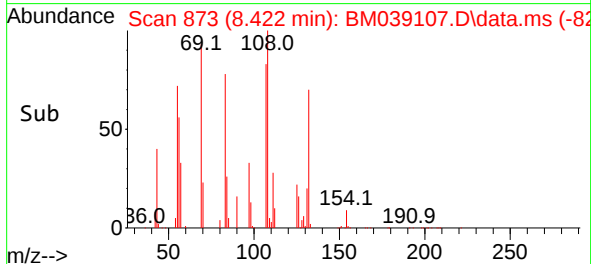
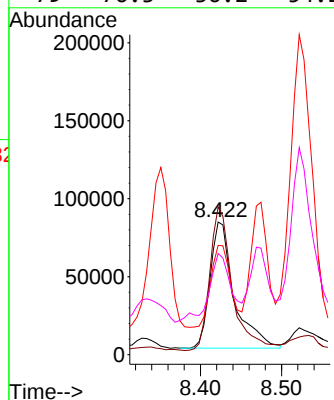
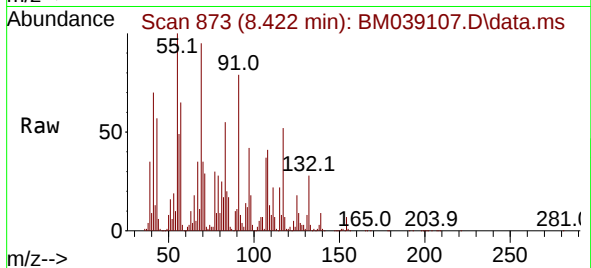




#17
2-Methylphenol
Concen: 6.321 ng
RT: 8.422 min Scan# 81
Delta R.T. 0.012 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

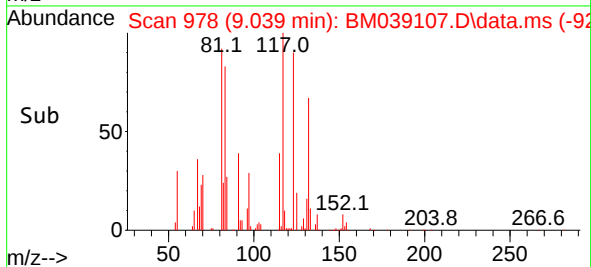
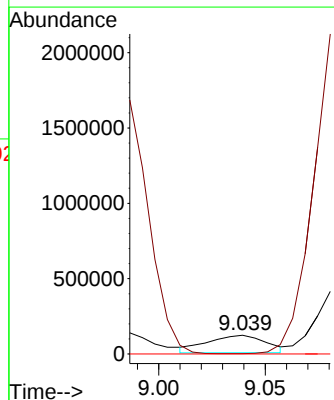
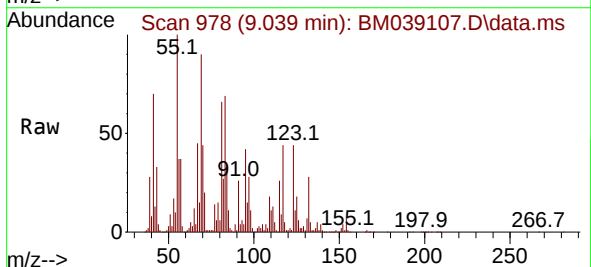
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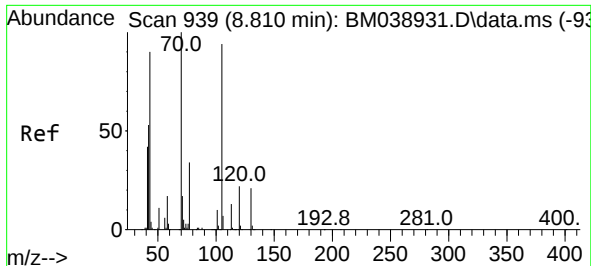
Tgt Ion:107 Resp: 166327
Ion Ratio Lower Upper
107 100
108 111.4 91.7 137.5
77 82.4 37.4 56.2#
79 76.3 36.2 54.2#



#18
Hexachloroethane
Concen: 18.794 ng
RT: 9.039 min Scan# 978
Delta R.T. -0.012 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion:117 Resp: 221560
Ion Ratio Lower Upper
117 100
119 1.9 75.4 113.0#
201 0.2 71.3 106.9#

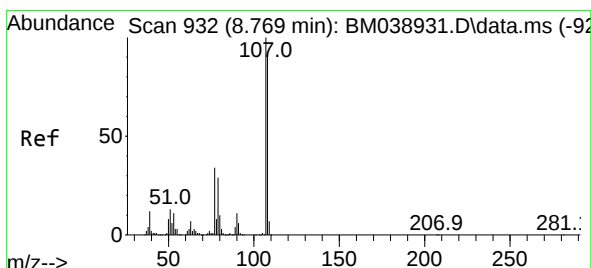
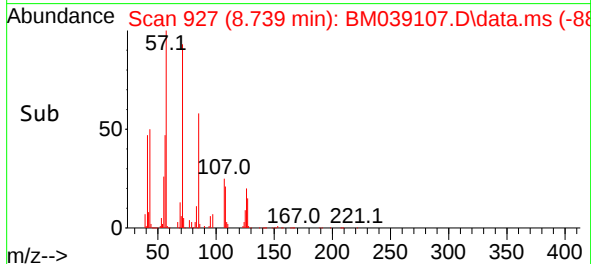
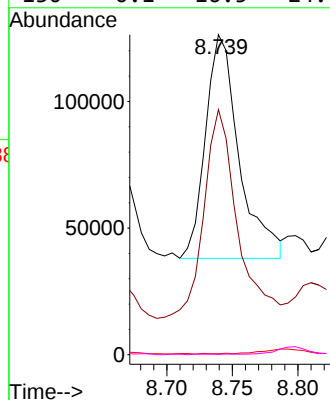
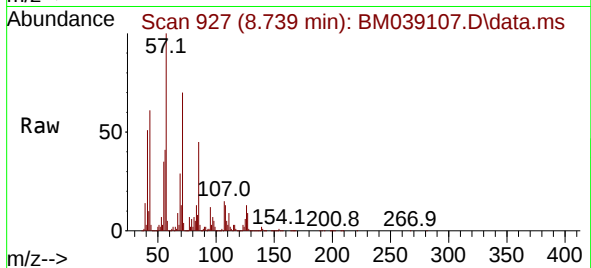




#19
n-Nitroso-di-n-propylamine
Concen: 6.943 ng
RT: 8.739 min Scan# 91
Delta R.T. -0.047 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

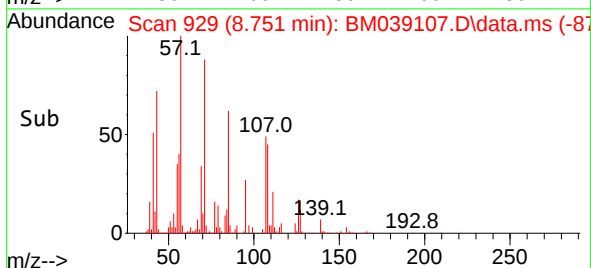
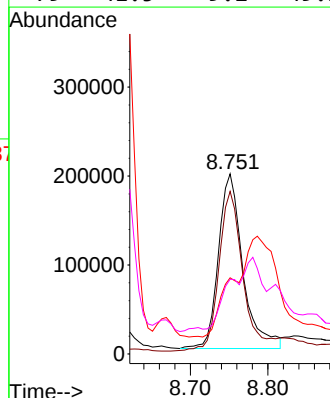
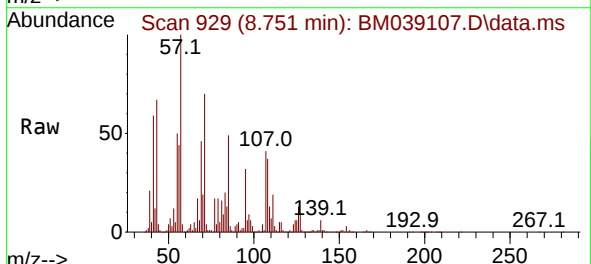
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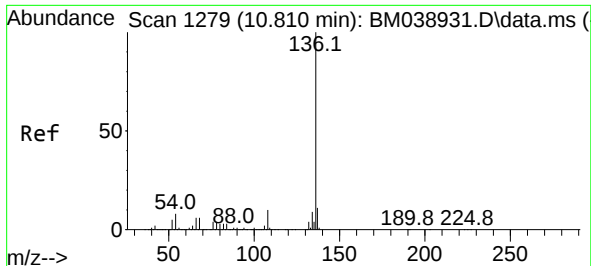
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Ion Ratio Lower Upper
70 100
42 76.6 43.4 65.2#
101 0.3 7.6 11.4#
130 0.1 16.5 24.7#



#20
3+4-Methylphenols
Concen: 12.229 ng
RT: 8.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion: 107 Resp: 429633
Ion Ratio Lower Upper
107 100
108 90.3 71.8 111.8
77 42.3 13.6 53.6
79 41.5 9.2 49.2

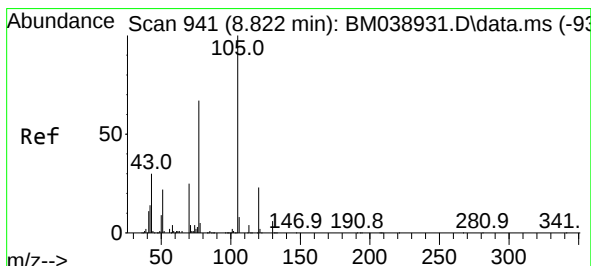
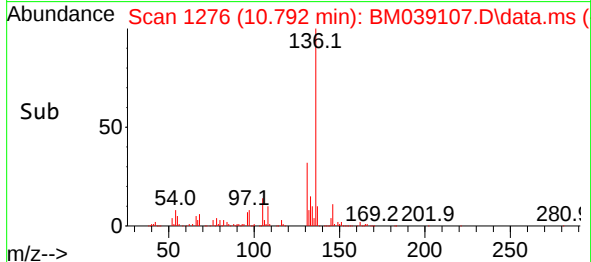
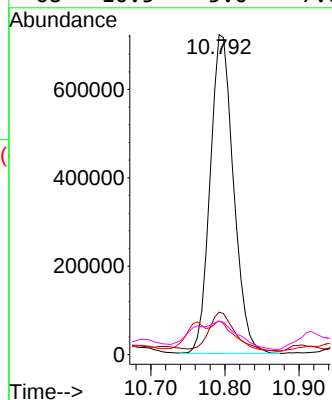
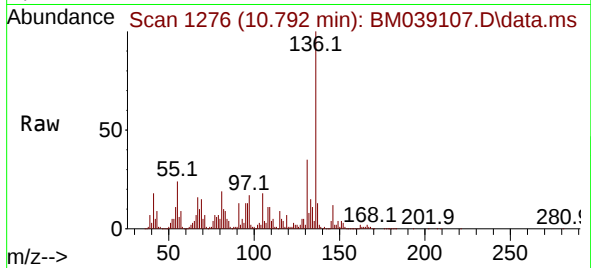




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM039107.D
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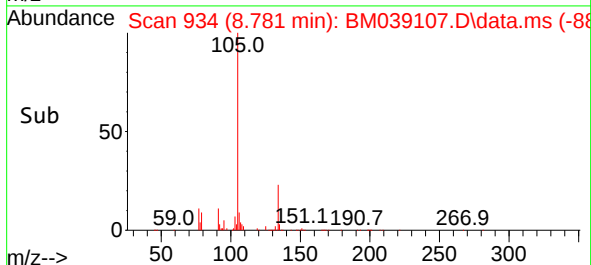
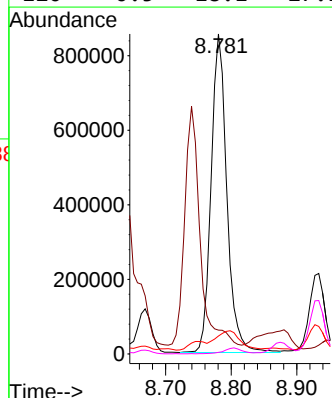
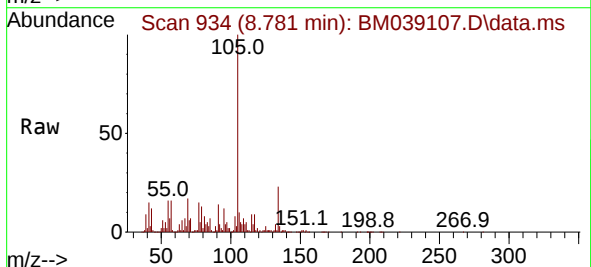
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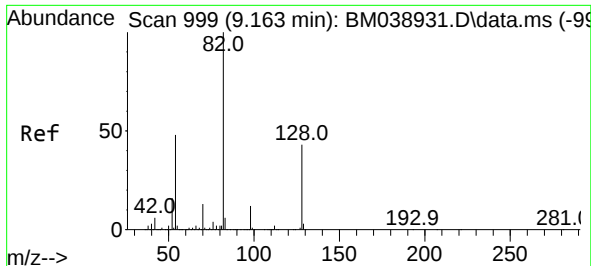
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Ion Ratio Lower Upper
136 100
137 13.3 8.7 13.1#
54 10.6 6.3 9.5#
68 10.5 5.0 7.6#



#22
Acetophenone
Concen: 32.082 ng
RT: 8.781 min Scan# 934
Delta R.T. -0.018 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion:105 Resp: 1425302
Ion Ratio Lower Upper
105 100
71 7.4 3.4 5.0#
51 5.6 21.0 31.4#
120 0.5 18.1 27.1#

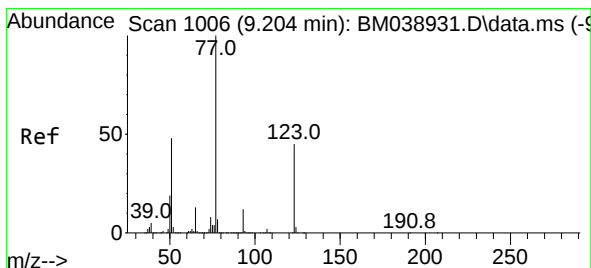
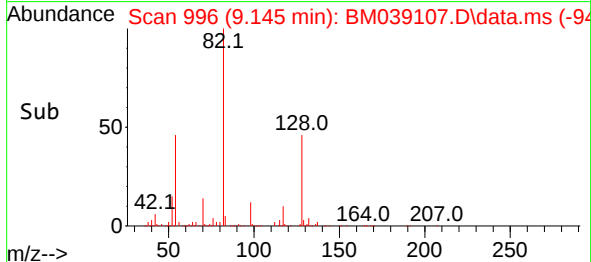
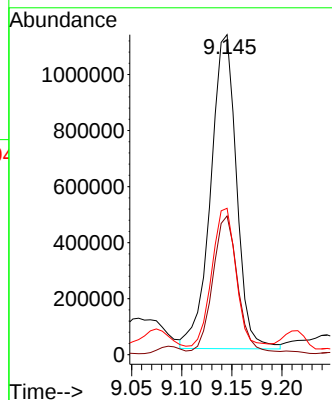
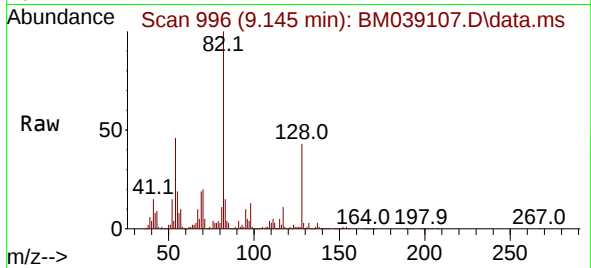




#23
Nitrobenzene-d5
Concen: 62.548 ng
RT: 9.145 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

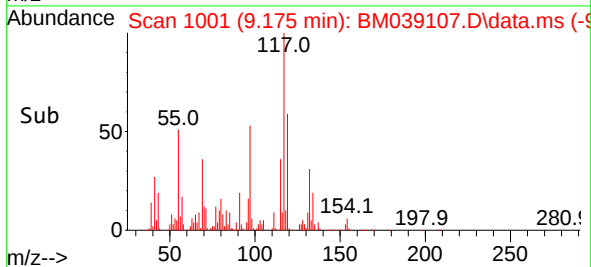
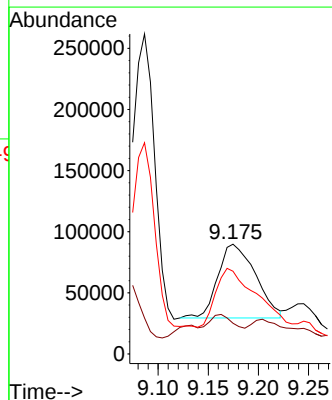
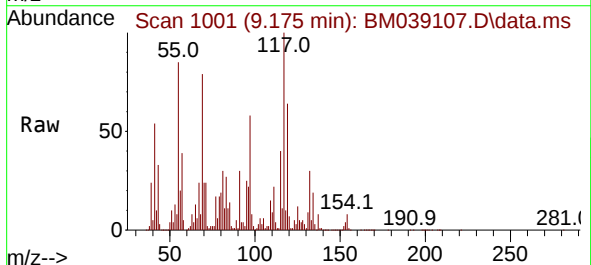
Instrument :
BNA_M
ClientSampleId :
S-2

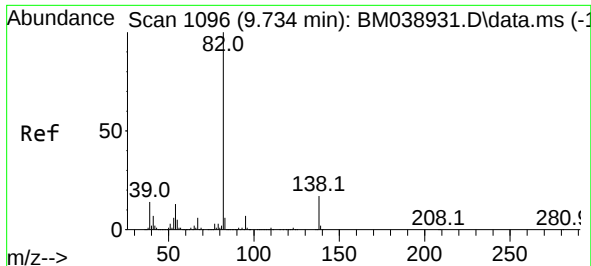
Tgt Ion: 82 Resp: 2016294
Ion Ratio Lower Upper
82 100
128 43.3 34.4 51.6
54 45.7 38.8 58.2



#24
Nitrobenzene
Concen: 4.652 ng
RT: 9.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion: 77 Resp: 157634
Ion Ratio Lower Upper
77 100
123 27.9 35.8 53.6#
65 75.4 10.2 15.4#

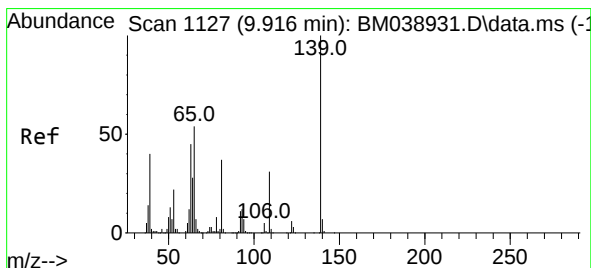
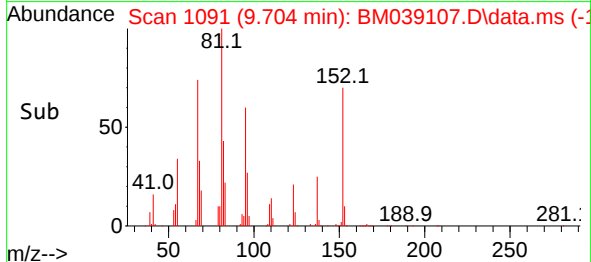
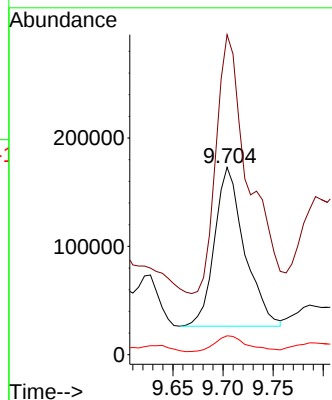
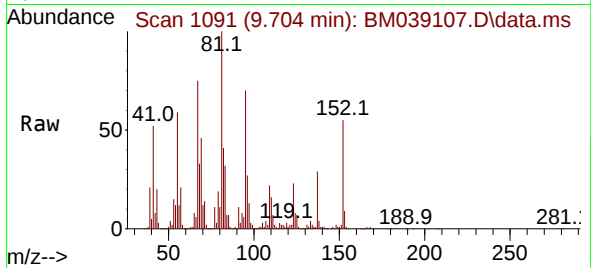




#25
Isophorone
Concen: 5.152 ng
RT: 9.704 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

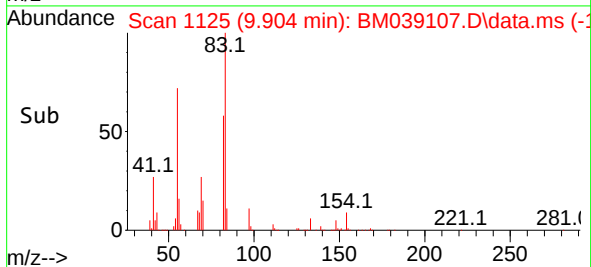
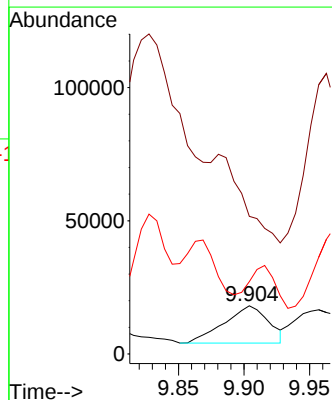
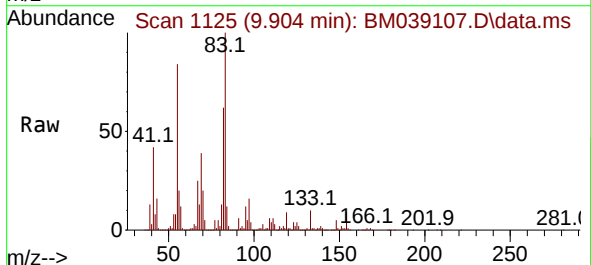
Instrument :
BNA_M
ClientSampleId :
S-2

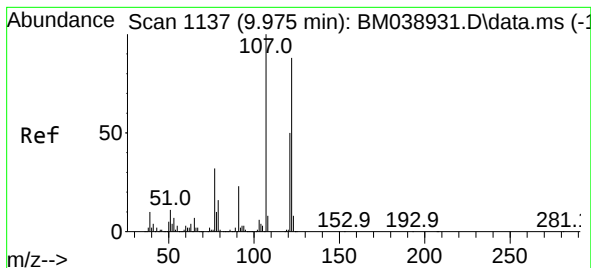
Tgt Ion: 82 Resp: 305653
Ion Ratio Lower Upper
82 100
95 170.8 5.2 7.8#
138 10.1 13.6 20.4#



#26
2-Nitrophenol
Concen: 5.041 ng
RT: 9.904 min Scan# 1125
Delta R.T. 0.012 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion:139 Resp: 32707
Ion Ratio Lower Upper
139 100
109 285.9 24.5 36.7#
65 150.2 43.0 64.6#





#27

2,4-Dimethylphenol

Concen: 3.548 ng

RT: 9.963 min Scan# 1135

Delta R.T. 0.012 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

Instrument :

BNA_M

ClientSampleId :

S-2

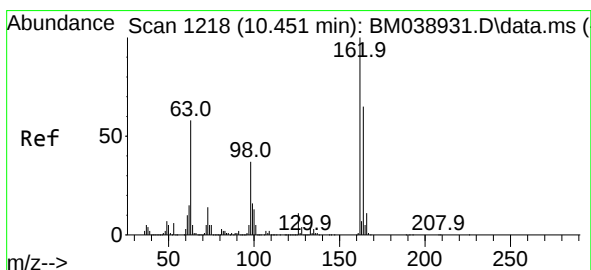
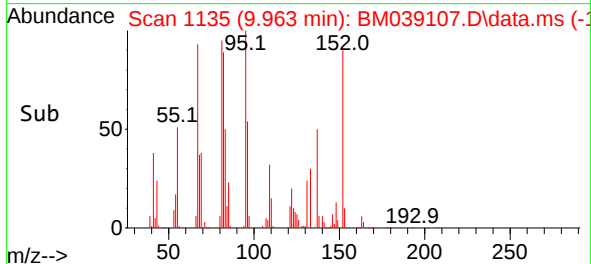
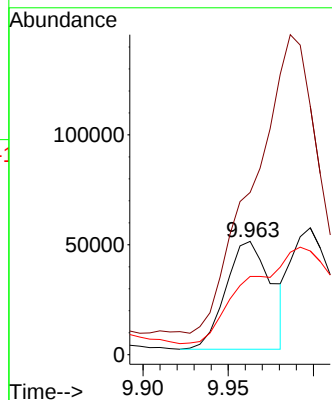
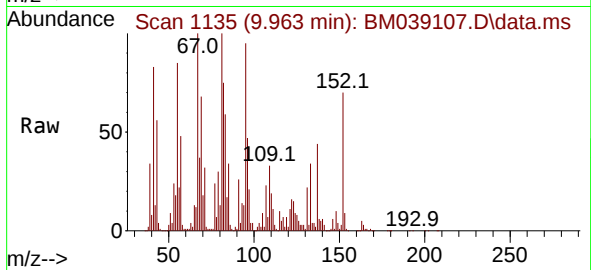
Tgt Ion:122 Resp: 91696

Ion Ratio Lower Upper

122 100

107 143.2 91.0 136.4#

121 69.1 45.1 67.7#



#29

2,4-Dichlorophenol

Concen: 2.734 ng

RT: 10.439 min Scan# 1216

Delta R.T. 0.012 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

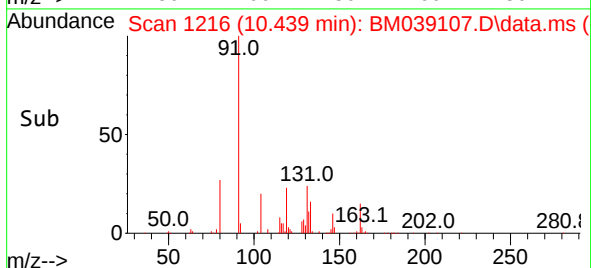
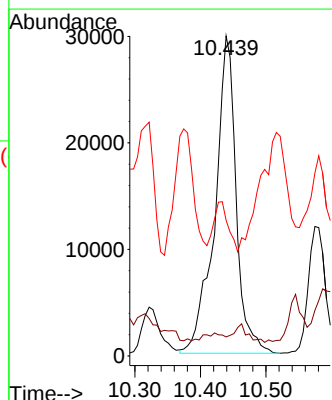
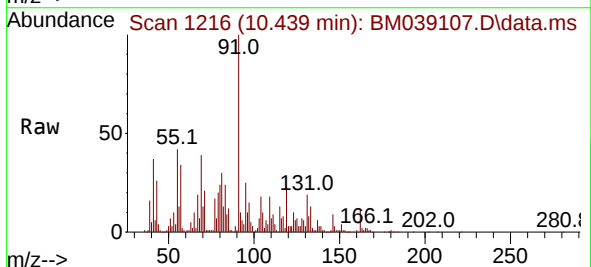
Tgt Ion:162 Resp: 66988

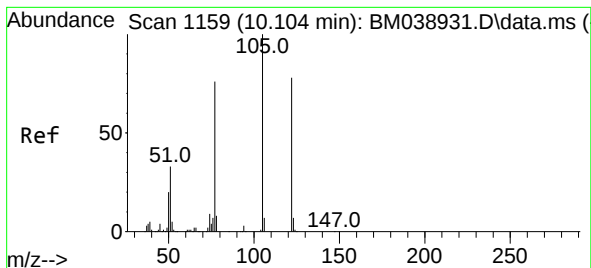
Ion Ratio Lower Upper

162 100

164 5.9 44.6 84.6#

98 42.4 17.5 57.5





#32

Benzoic acid

Concen: 8.769 ng

RT: 10.051 min Scan# 1159

Delta R.T. -0.035 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

Instrument :

BNA_M

ClientSampleId :

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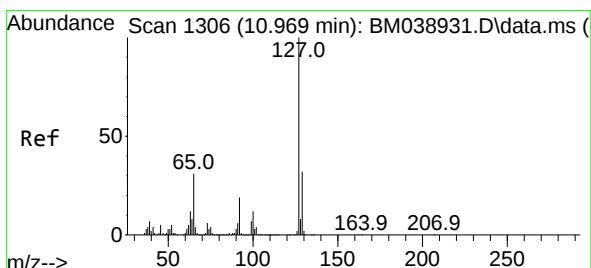
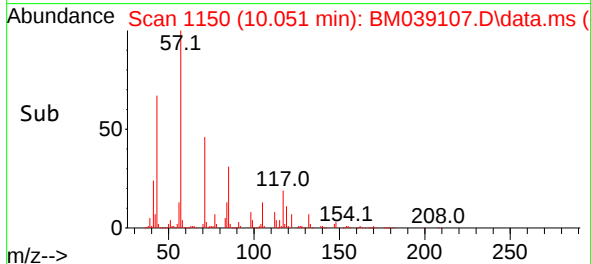
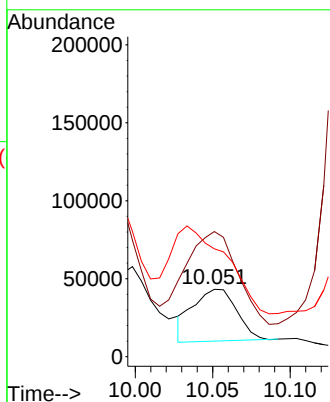
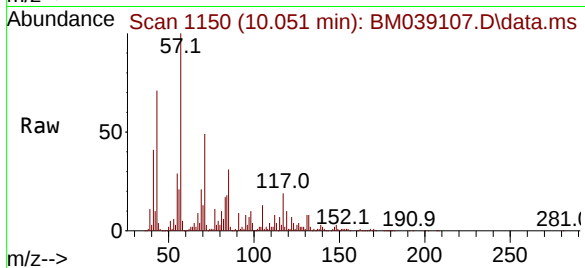
Tgt Ion:122 Resp: 65395

Ion Ratio Lower Upper

122 100

105 185.6 104.2 144.2#

77 159.8 75.1 115.1#



#33

4-Chloroaniline

Concen: 196.086 ng

RT: 10.875 min Scan# 1290

Delta R.T. -0.065 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

Tgt Ion:127 Resp: 7545355

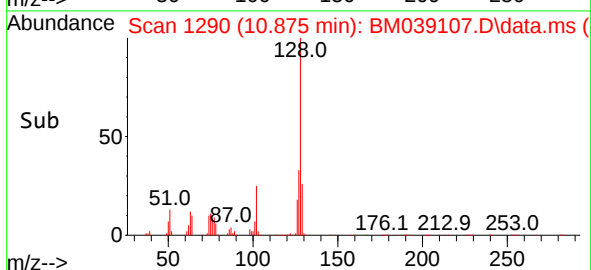
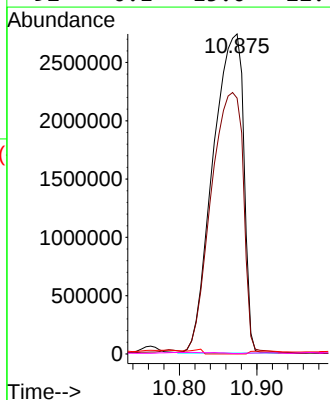
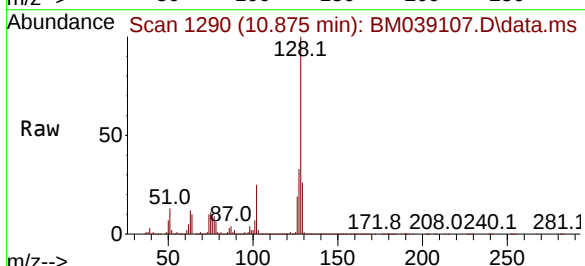
Ion Ratio Lower Upper

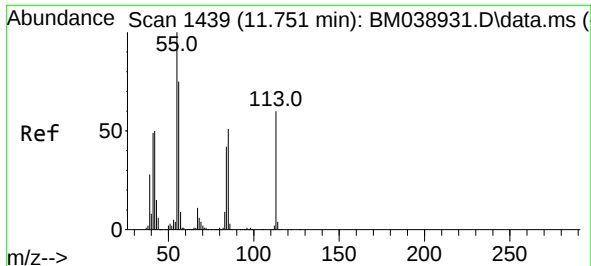
127 100

129 80.0 25.4 38.2#

65 0.0 24.4 36.6#

92 0.1 15.0 22.4#

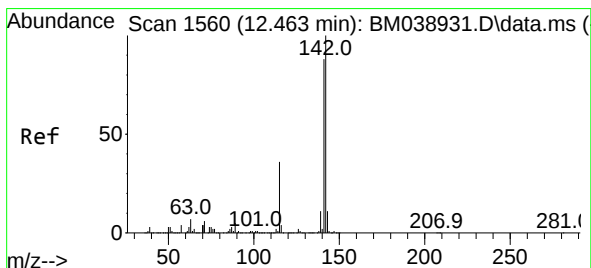
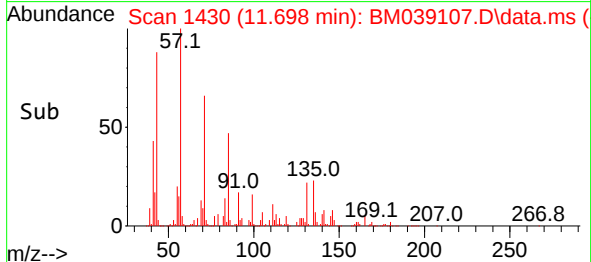
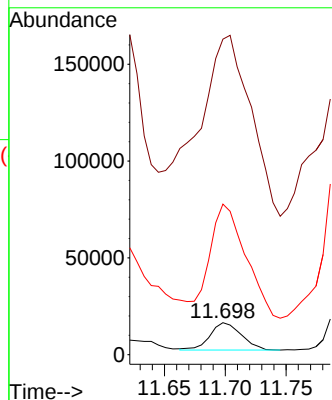
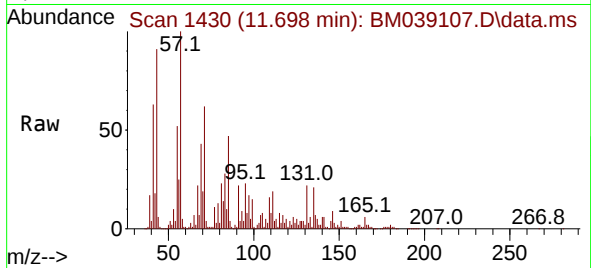




#35
Caprolactam
Concen: 3.392 ng
RT: 11.698 min Scan# 1439
Delta R.T. -0.035 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

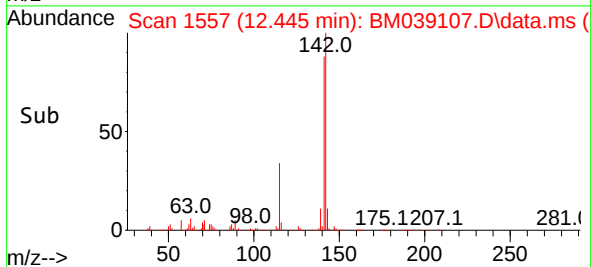
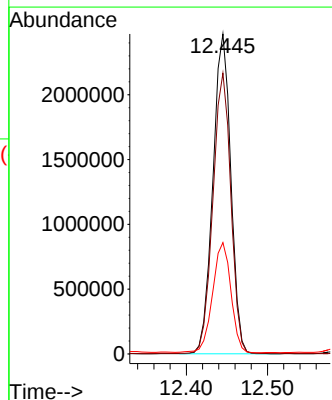
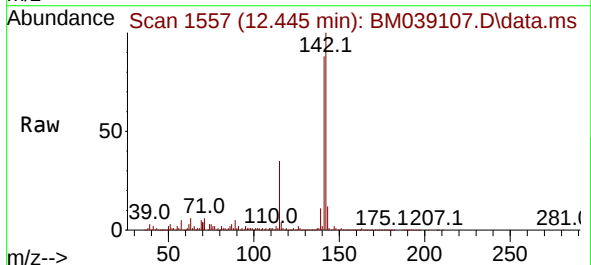
Instrument :
BNA_M
ClientSampleId :
S-2

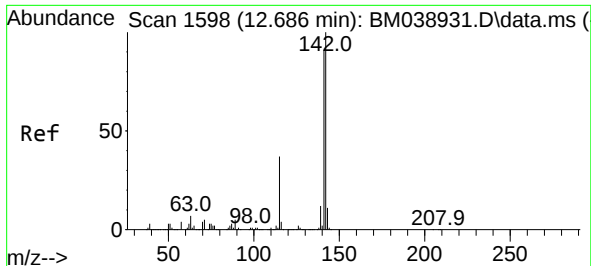
Tgt Ion:113 Resp: 25299
Ion Ratio Lower Upper
113 100
55 983.4 147.0 187.0#
56 469.4 105.1 145.1#



#37
2-Methylnaphthalene
Concen: 62.454 ng
RT: 12.445 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion:142 Resp: 3779650
Ion Ratio Lower Upper
142 100
141 87.8 70.6 106.0
115 34.8 28.5 42.7

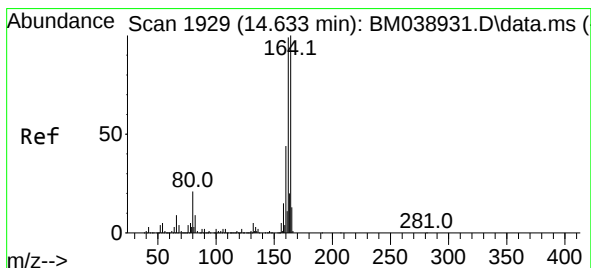
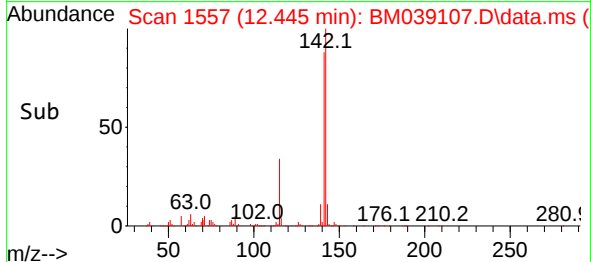
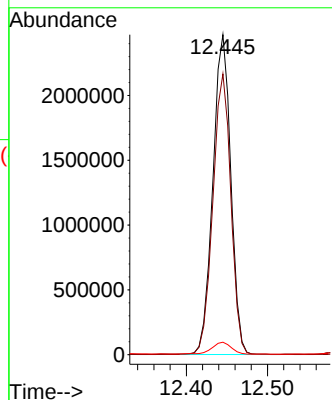
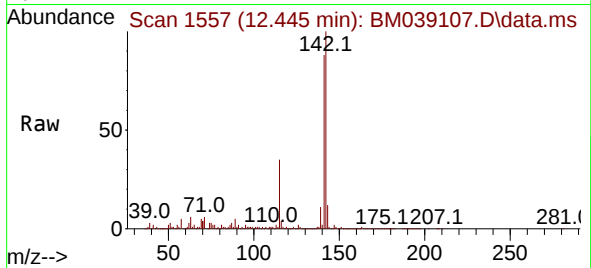




#38
1-Methylnaphthalene
Concen: 66.644 ng
RT: 12.445 min Scan# 1
Delta R.T. -0.212 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

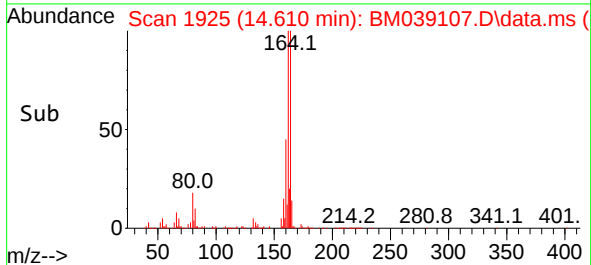
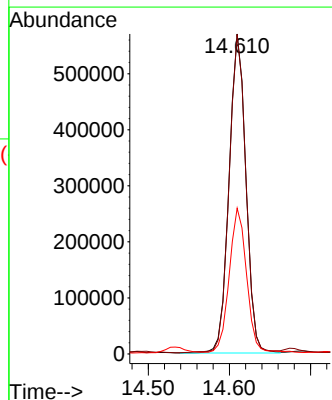
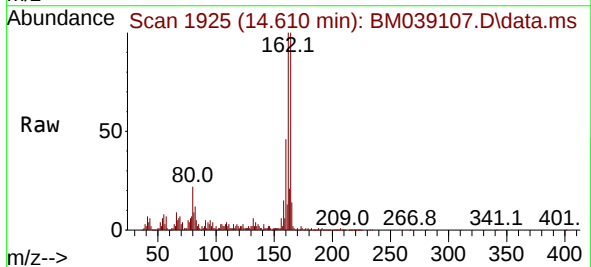
Instrument :
BNA_M
ClientSampleId :
S-2

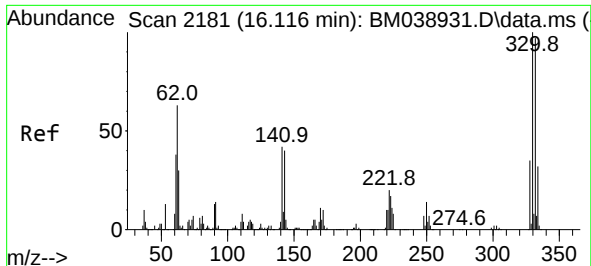
Tgt Ion:142 Resp: 3779650
Ion Ratio Lower Upper
142 100
141 87.8 72.8 109.2
116 3.9 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion:164 Resp: 821030
Ion Ratio Lower Upper
164 100
162 99.8 79.2 118.8
160 45.6 35.5 53.3

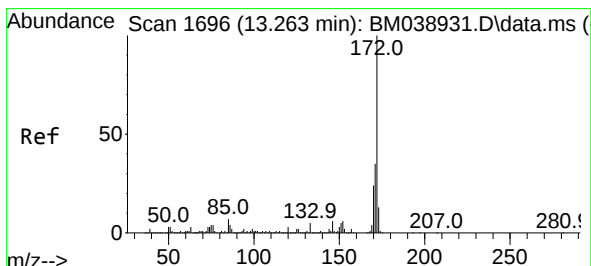
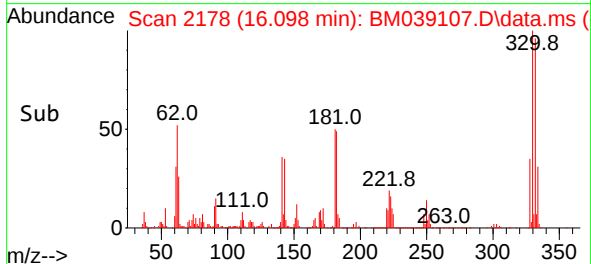
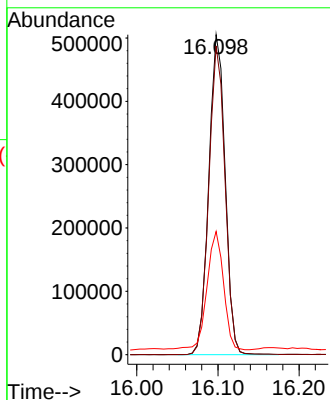
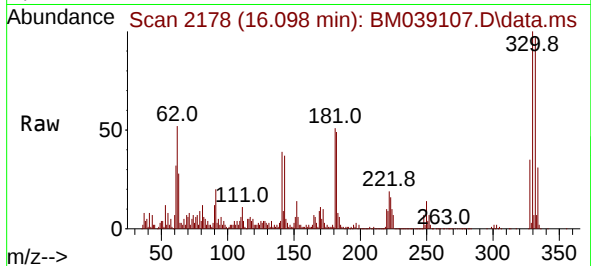




#42
2,4,6-Tribromophenol
Concen: 74.249 ng
RT: 16.098 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

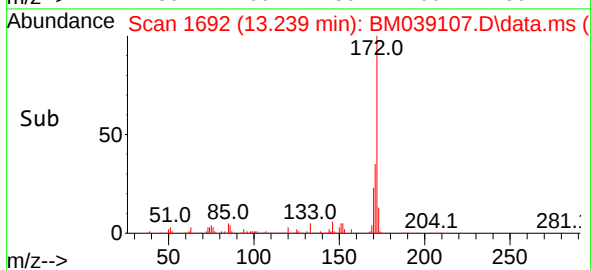
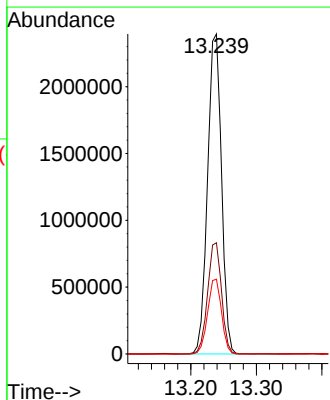
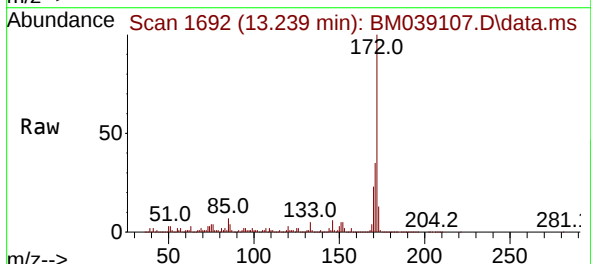
Instrument :
BNA_M
ClientSampleId :
S-2

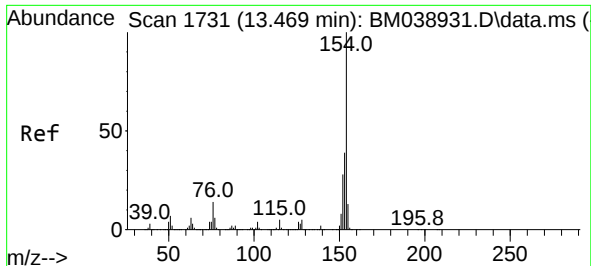
Tgt Ion:330 Resp: 705217
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 37.2 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 56.032 ng
RT: 13.239 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion:172 Resp: 3533871
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.4 19.1 28.7

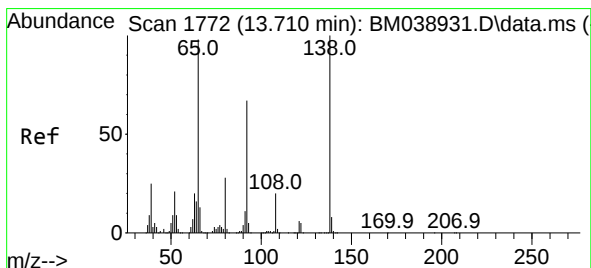
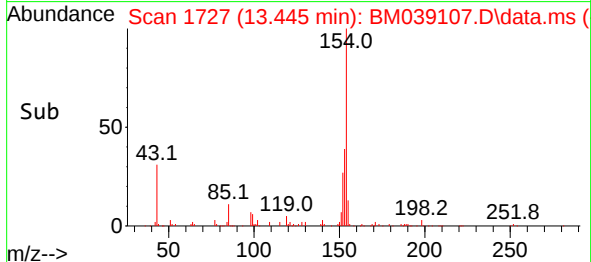
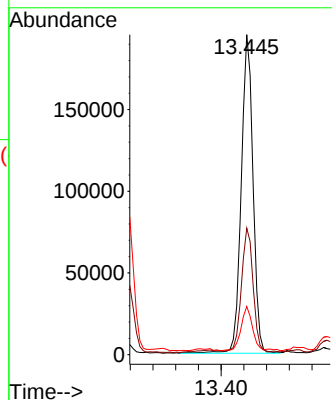
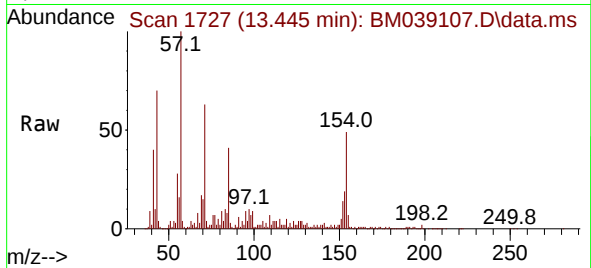




#46
1,1'-Biphenyl
Concen: 4.018 ng
RT: 13.445 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

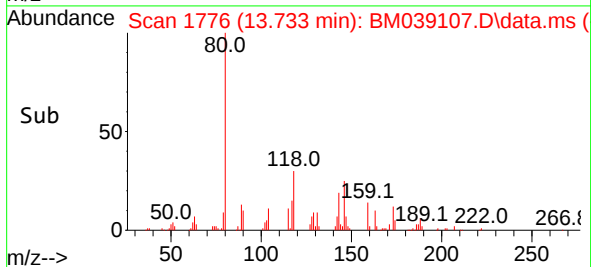
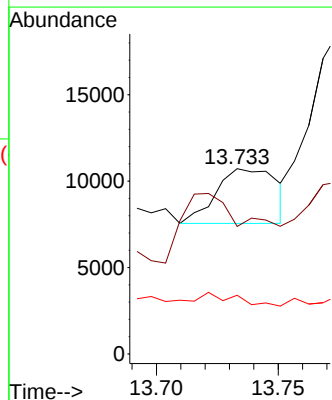
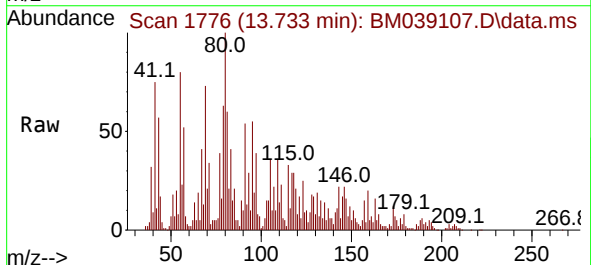
Instrument :
BNA_M
ClientSampleId :
S-2

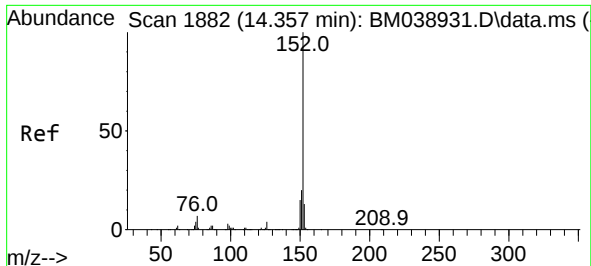
Tgt Ion:154 Resp: 279493
Ion Ratio Lower Upper
154 100
153 39.6 19.3 59.3
76 15.1 0.0 34.0



#48
2-Nitroaniline
Concen: 2.527 ng
RT: 13.733 min Scan# 1776
Delta R.T. 0.041 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion: 65 Resp: 5482
Ion Ratio Lower Upper
65 100
92 68.8 54.9 82.3
138 31.7 81.6 122.4#

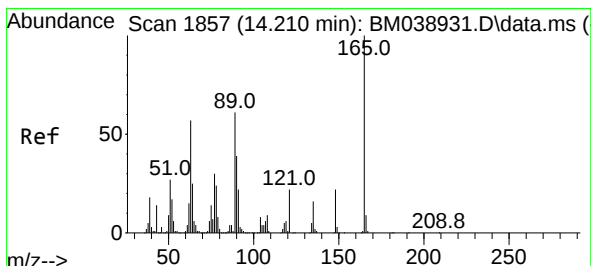
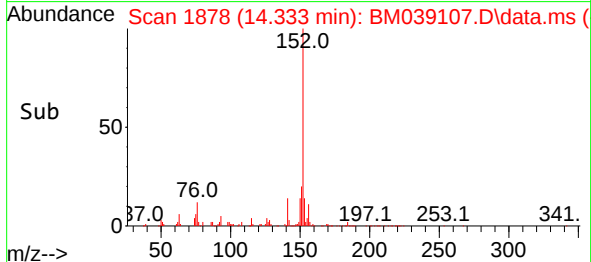
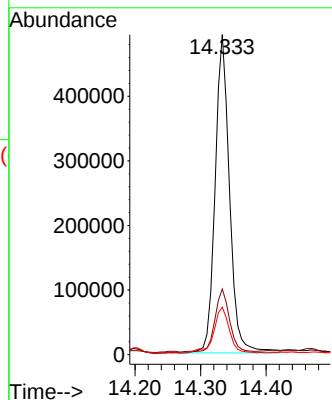
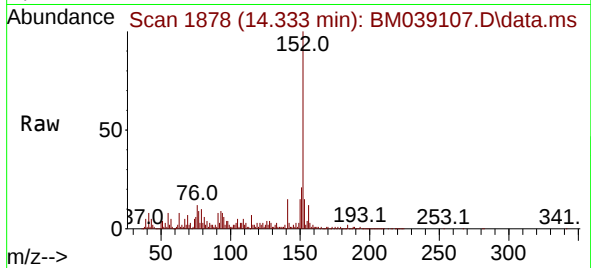




#49
Acenaphthylene
Concen: 8.993 ng
RT: 14.333 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

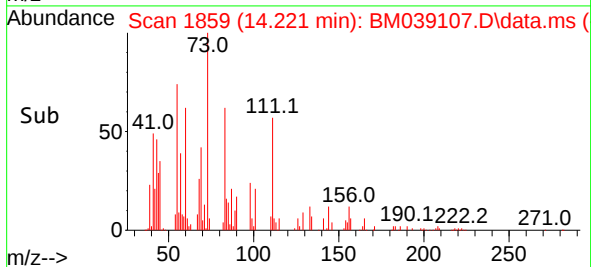
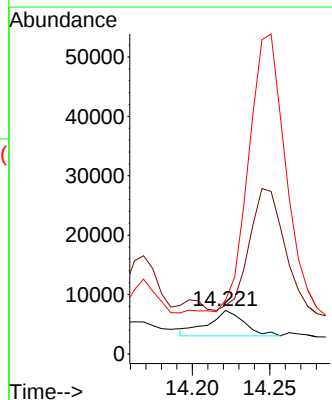
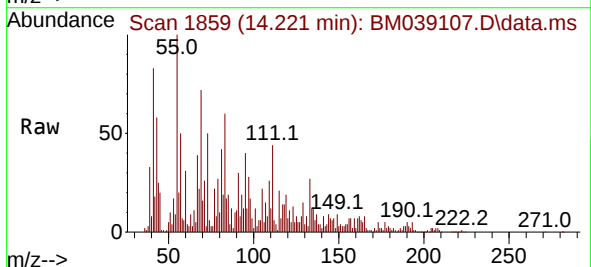
Instrument :
BNA_M
ClientSampleId :
S-2

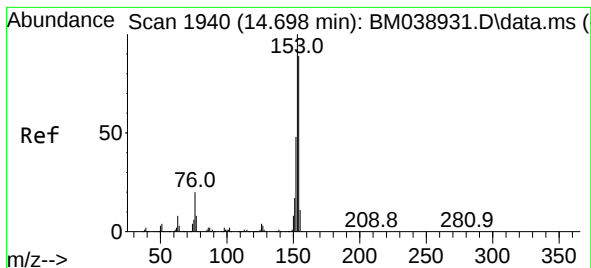
Tgt Ion:152 Resp: 751296
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 14.9 10.4 15.6



#51
2,6-Dinitrotoluene
Concen: 2.004 ng
RT: 14.221 min Scan# 1859
Delta R.T. 0.035 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion:165 Resp: 6923
Ion Ratio Lower Upper
165 100
63 111.8 46.6 70.0#
89 124.1 48.6 73.0#





#52

Acenaphthene

Concen: 6.548 ng

RT: 14.674 min Scan# 1936

Delta R.T. -0.000 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

Instrument :

BNA_M

ClientSampleId :

S-2

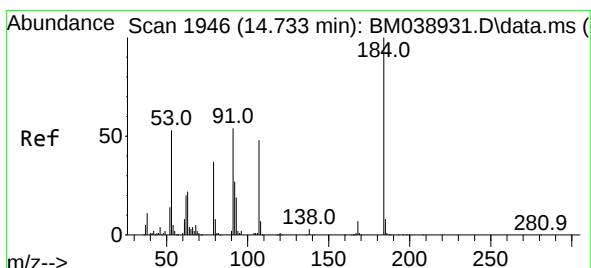
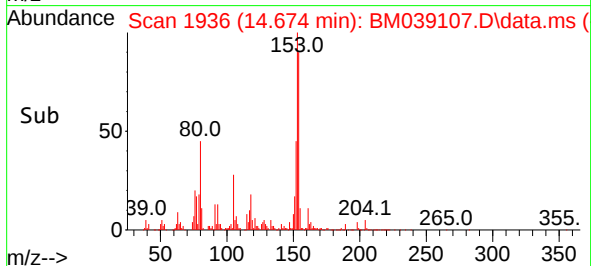
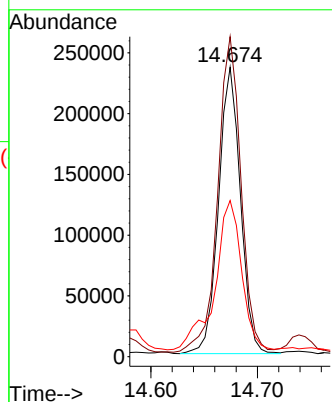
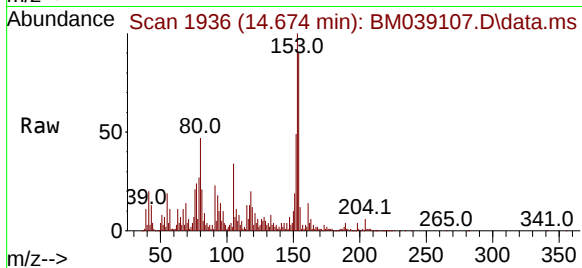
Tgt Ion:154 Resp: 336225

Ion Ratio Lower Upper

154 100

153 110.5 90.2 135.2

152 54.0 43.4 65.2



#54

2,4-Dinitrophenol

Concen: 5.634 ng

RT: 14.710 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

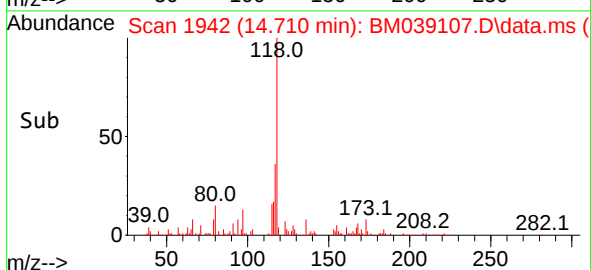
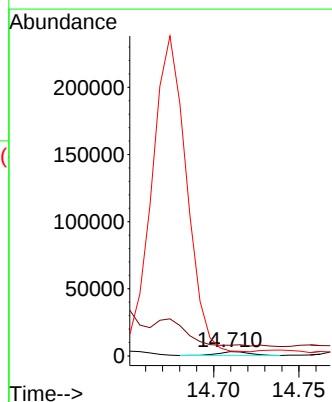
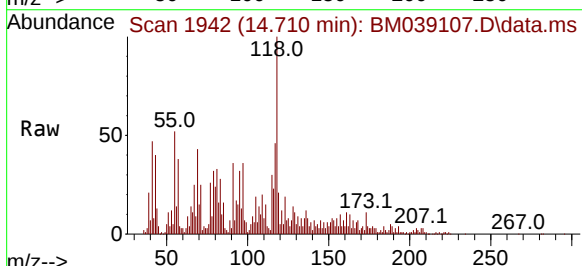
Tgt Ion:184 Resp: 3810

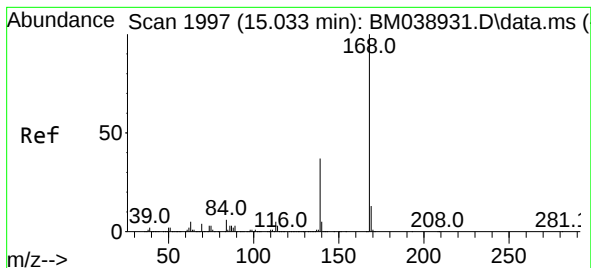
Ion Ratio Lower Upper

184 100

63 245.0 60.6 90.8#

154 113.1 51.4 77.2#





#55

Dibenzenofuran

Concen: 8.473 ng

RT: 15.010 min Scan# 1993

Delta R.T. 0.006 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

Instrument :

BNA_M

ClientSampleId :

S-2

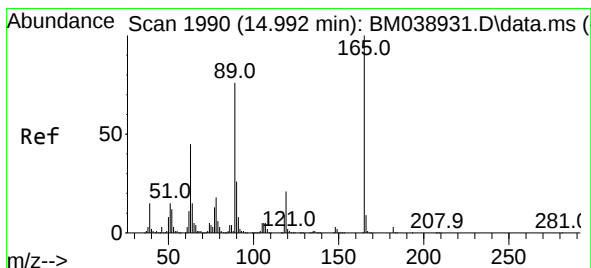
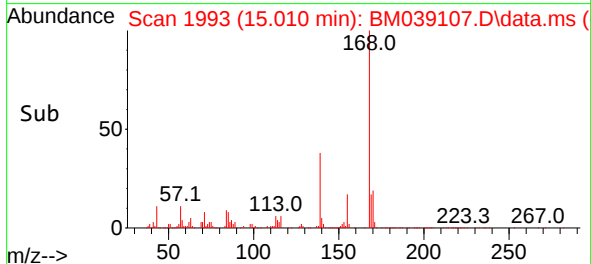
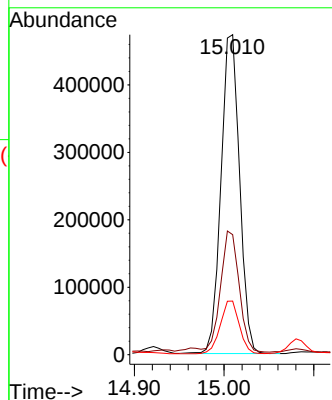
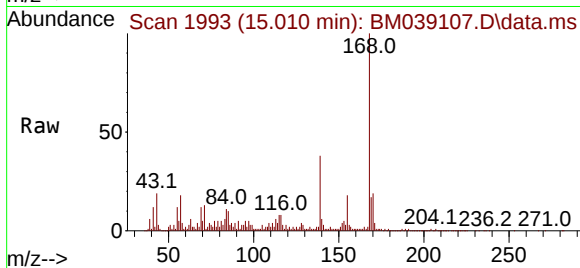
Tgt Ion:168 Resp: 680791

Ion Ratio Lower Upper

168 100

139 37.5 29.9 44.9

169 16.8 10.7 16.1#



#57

2,4-Dinitrotoluene

Concen: 4.787 ng

RT: 14.963 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

Tgt Ion:165 Resp: 52182

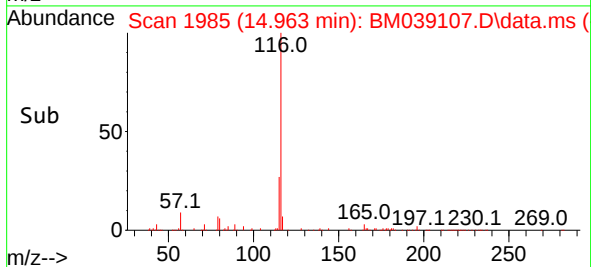
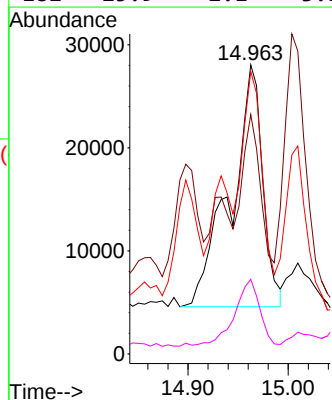
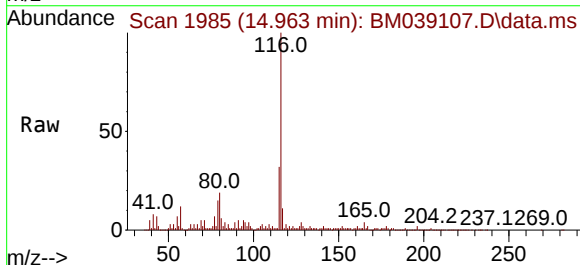
Ion Ratio Lower Upper

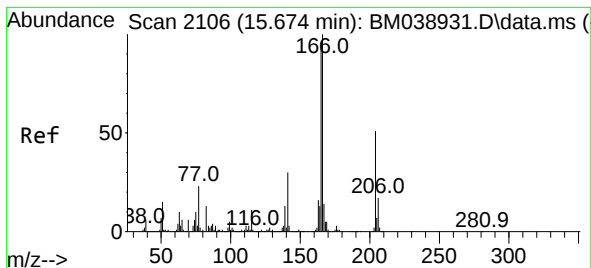
165 100

63 82.8 35.9 53.9#

89 97.7 61.0 91.6#

182 25.9 2.1 3.1#





#58

Fluorene

Concen: 12.145 ng

RT: 15.657 min Scan# 2103

Delta R.T. -0.000 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

Instrument :

BNA_M

ClientSampleId :

S-2

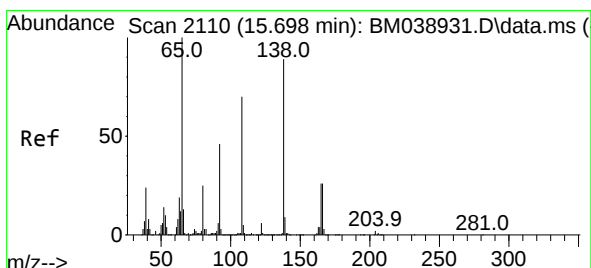
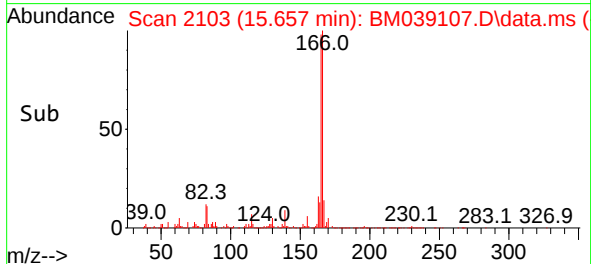
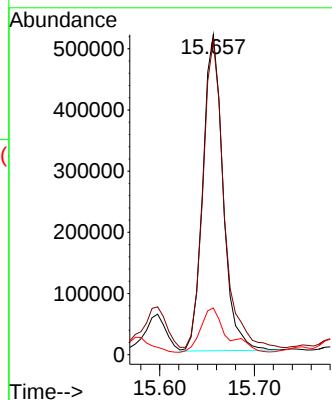
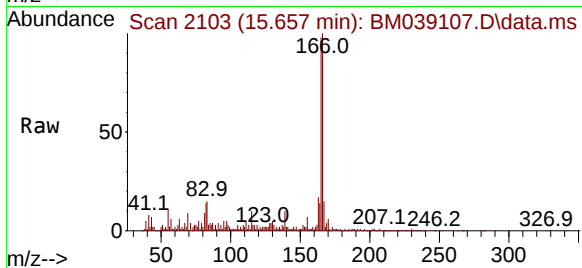
Tgt Ion:166 Resp: 764384

Ion Ratio Lower Upper

166 100

165 98.2 77.1 115.7

167 14.6 10.9 16.3



#62

4-Nitroaniline

Concen: 2.116 ng

RT: 15.657 min Scan# 2103

Delta R.T. -0.018 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

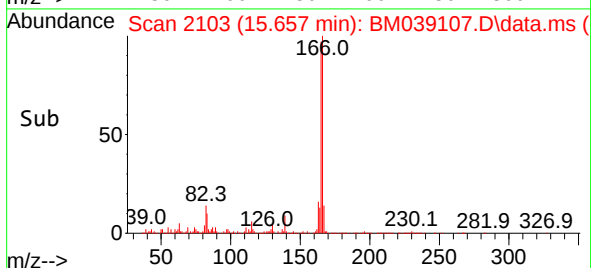
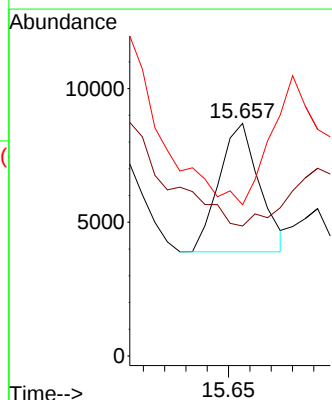
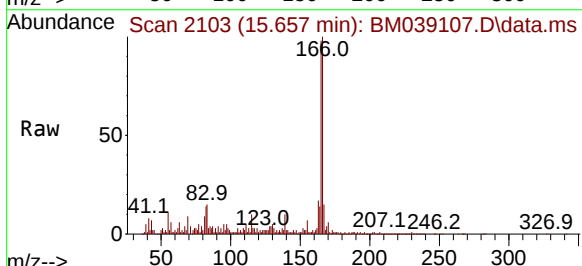
Tgt Ion:138 Resp: 6335

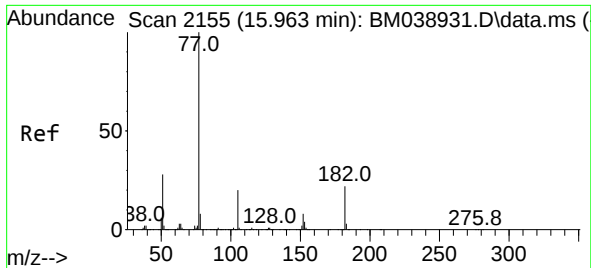
Ion Ratio Lower Upper

138 100

92 55.8 31.6 71.6

108 65.0 58.6 98.6

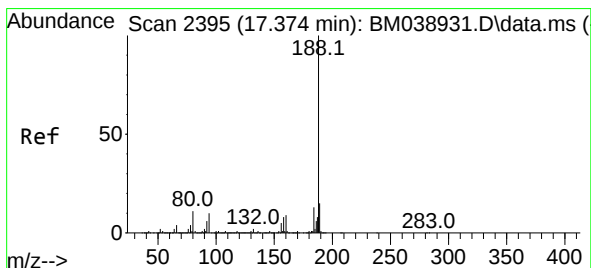
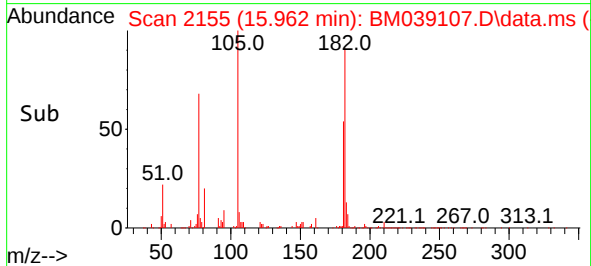
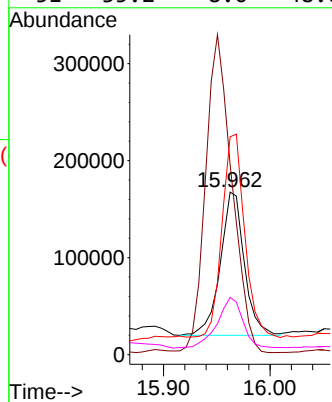
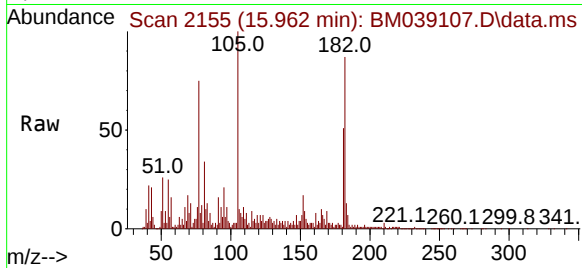




#63
Azobenzene
Concen: 3.559 ng
RT: 15.962 min Scan# 2155
Delta R.T. 0.023 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

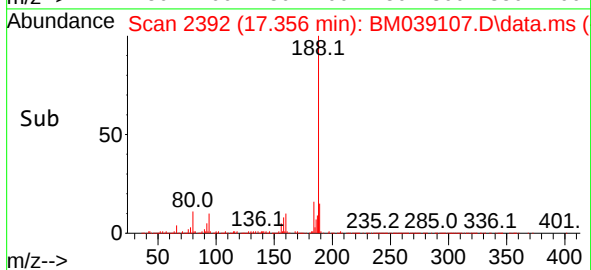
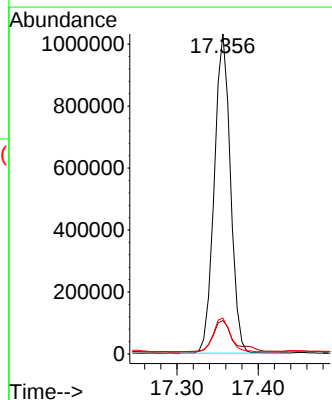
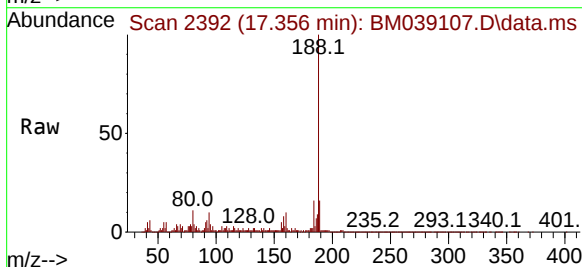
Instrument :
BNA_M
ClientSampleId :
S-2

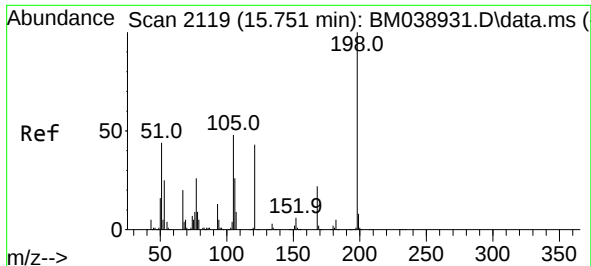
Tgt Ion: 77 Resp: 231473
Ion Ratio Lower Upper
77 100
182 116.8 2.0 42.0#
105 134.0 0.4 40.4#
51 35.2 8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.356 min Scan# 2392
Delta R.T. 0.006 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion:188 Resp: 1420490
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.2 8.5 12.7

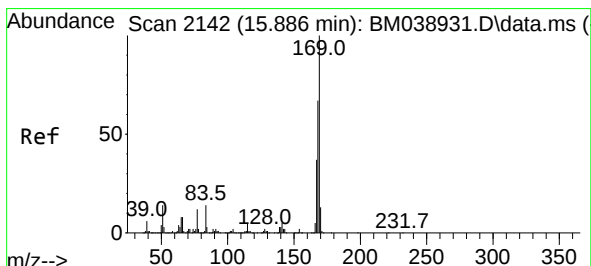
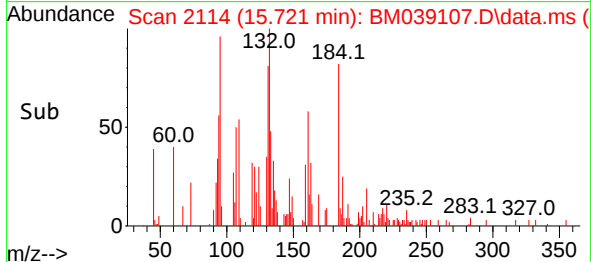
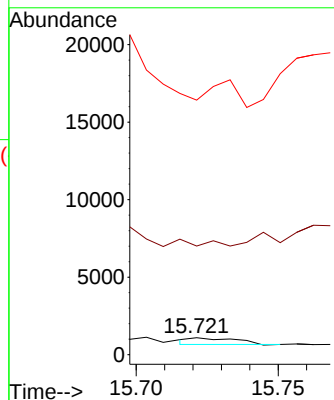
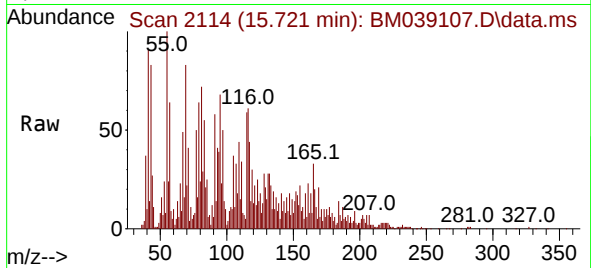




#65
4,6-Dinitro-2-methylphenol
Concen: 5.133 ng
RT: 15.721 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

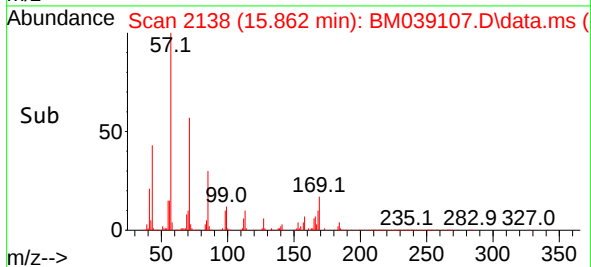
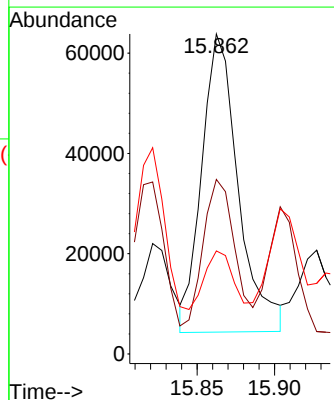
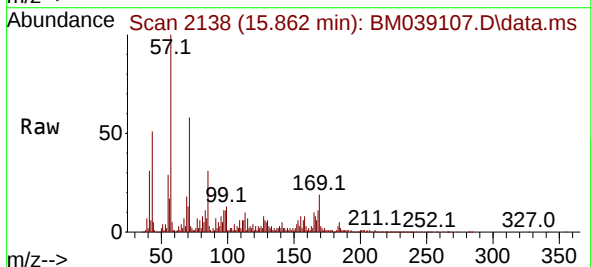
Instrument :
BNA_M
ClientSampleId :
S-2

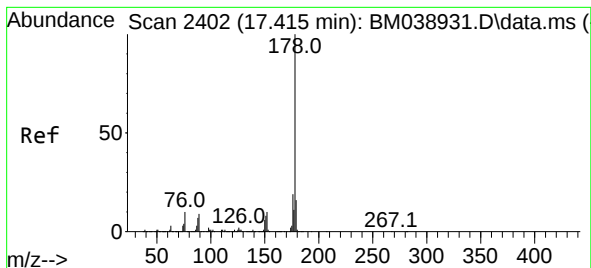
Tgt Ion:198 Resp: 464
Ion Ratio Lower Upper
198 100
51 640.8 30.1 70.1#
105 1501.3 29.3 69.3#



#66
n-Nitrosodiphenylamine
Concen: 2.034 ng
RT: 15.862 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion:169 Resp: 97419
Ion Ratio Lower Upper
169 100
168 54.5 53.4 80.0
167 32.2 29.4 44.0





#71

Phenanthrene

Concen: 58.778 ng

RT: 17.398 min Scan# 2402

Delta R.T. 0.006 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

Instrument :

BNA_M

ClientSampleId :

S-2

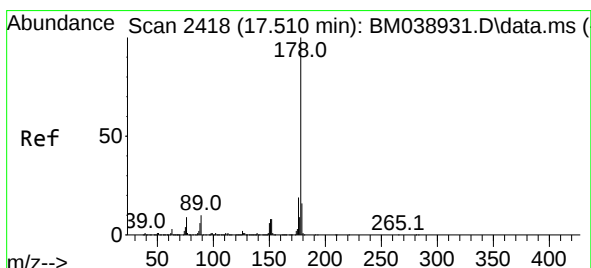
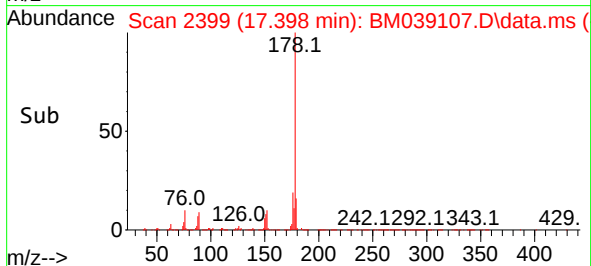
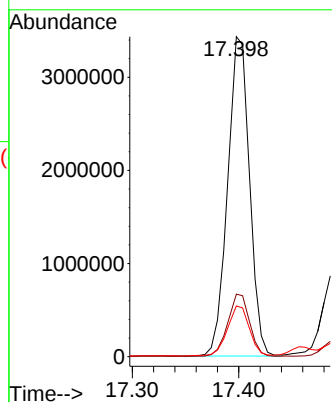
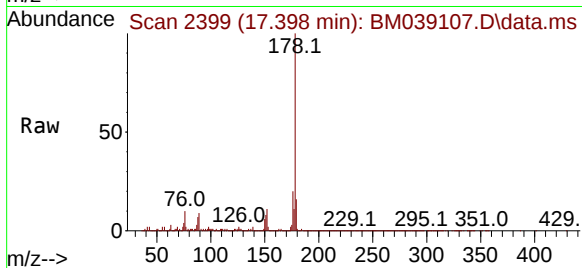
Tgt Ion:178 Resp: 4900302

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.8 12.5 18.7



#72

Anthracene

Concen: 14.899 ng

RT: 17.486 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

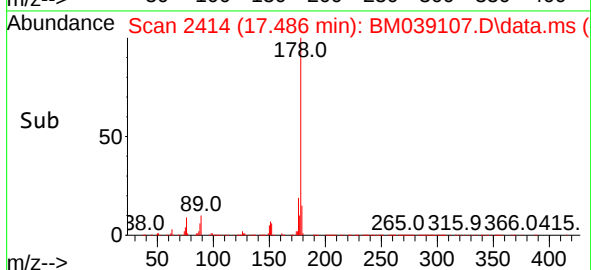
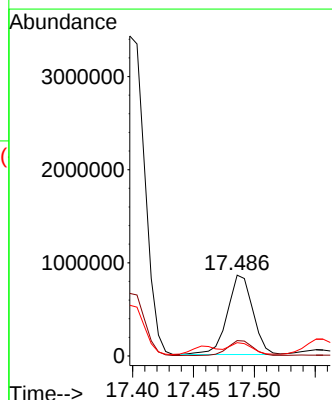
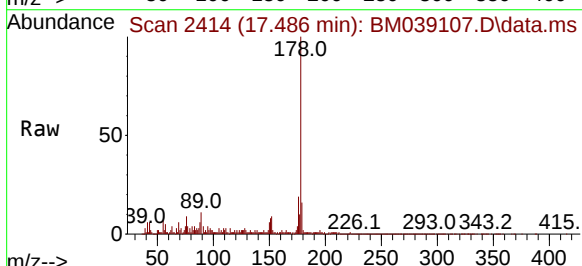
Tgt Ion:178 Resp: 1238684

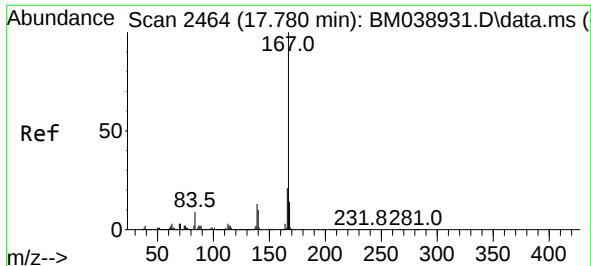
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 16.5 12.5 18.7

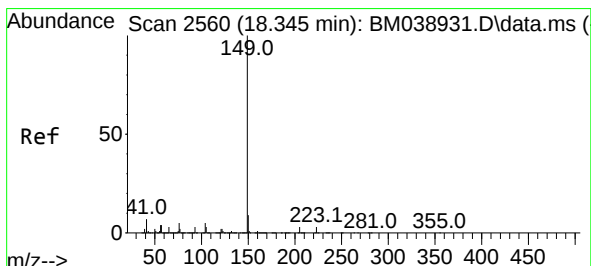
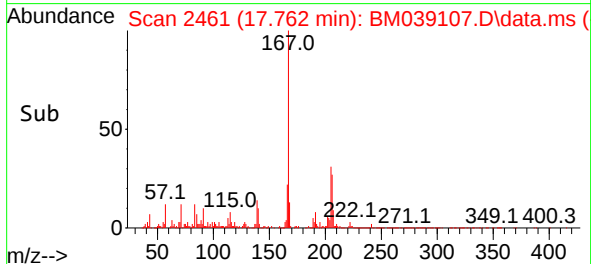
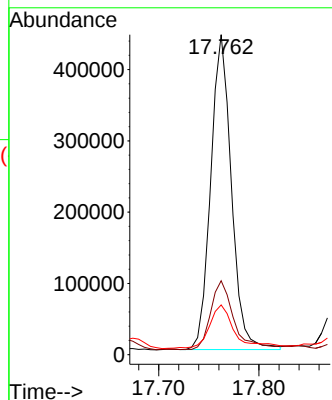
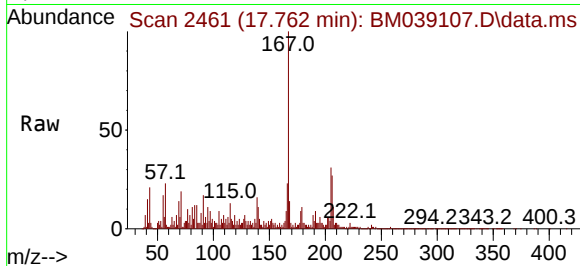




#73
 Carbazole
 Concen: 8.346 ng
 RT: 17.762 min Scan# 2461
 Delta R.T. 0.006 min
 Lab File: BM039107.D
 Acq: 23 Mar 2023 00:31

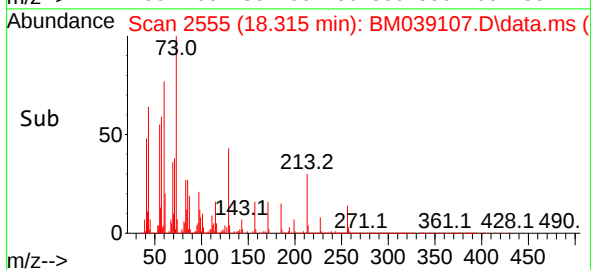
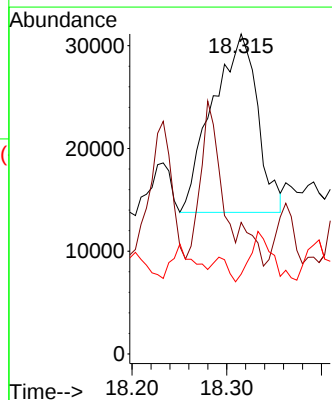
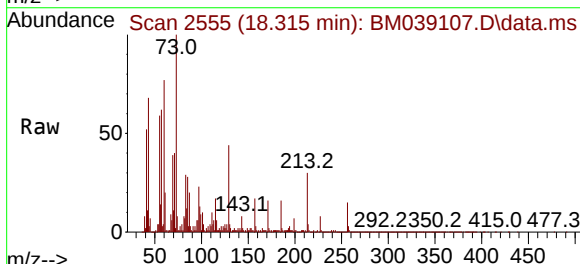
Instrument :
 BNA_M
 ClientSampleId :
 S-2

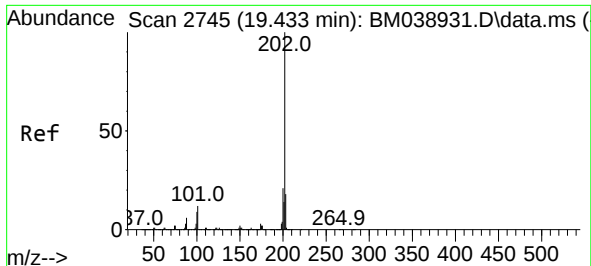
Tgt Ion:167 Resp: 633312
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.0 25.4
 139 15.6 10.3 15.5#



#74
 Di-n-butylphthalate
 Concen: 2.397 ng
 RT: 18.315 min Scan# 2555
 Delta R.T. -0.006 min
 Lab File: BM039107.D
 Acq: 23 Mar 2023 00:31

Tgt Ion:149 Resp: 57503
 Ion Ratio Lower Upper
 149 100
 150 41.1 7.4 11.2#
 104 25.0 4.3 6.5#

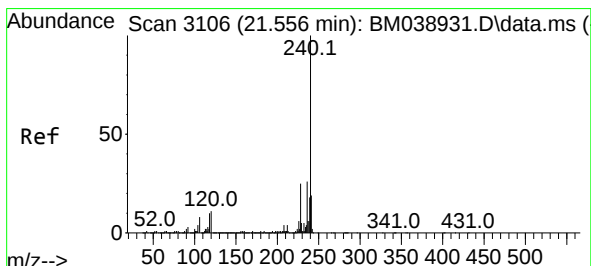
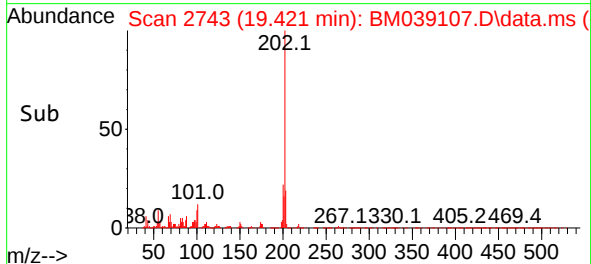
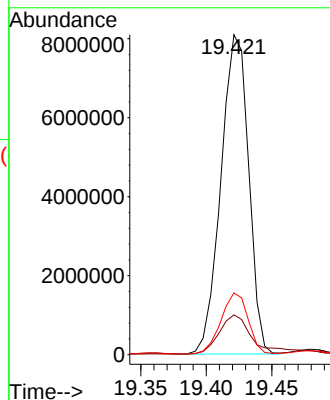
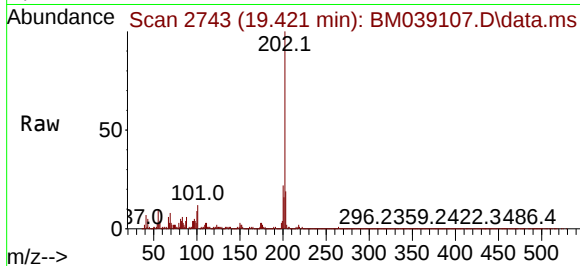




#75
Fluoranthene
Concen: 135.051 ng
RT: 19.421 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

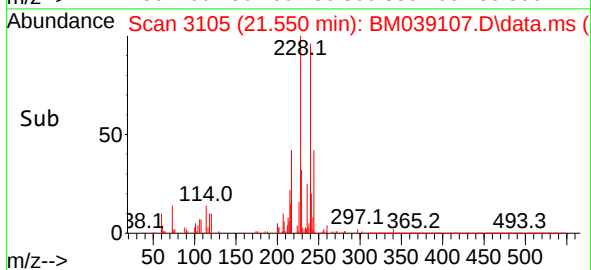
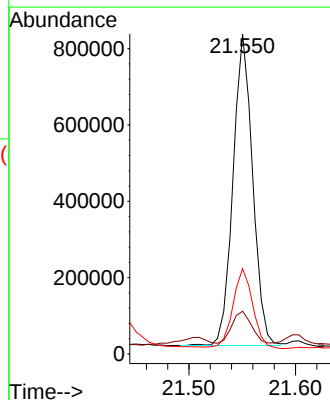
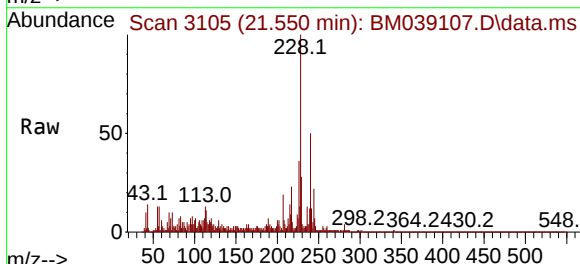
Instrument :
BNA_M
ClientSampleId :
S-2

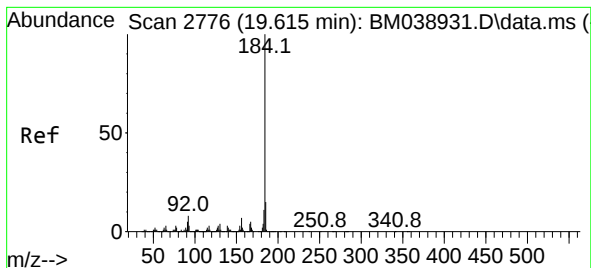
Tgt Ion:202 Resp:11887867
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.7
203 19.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.550 min Scan# 3105
Delta R.T. 0.018 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion:240 Resp: 1043244
Ion Ratio Lower Upper
240 100
120 13.4 9.2 13.8
236 26.6 20.8 31.2





#77

Benzidine

Concen: 5.334 ng

RT: 19.562 min Scan# 21

Delta R.T. -0.029 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

Instrument :

BNA_M

ClientSampleId :

S-2

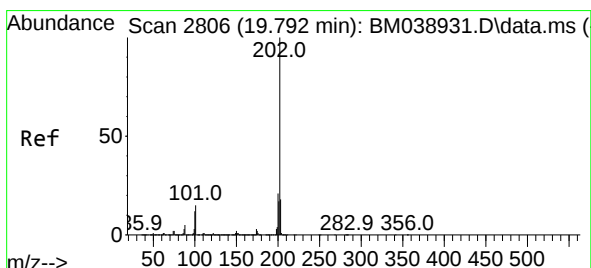
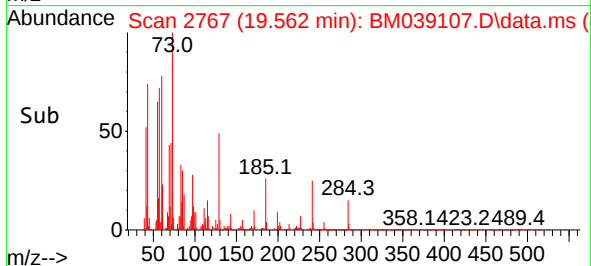
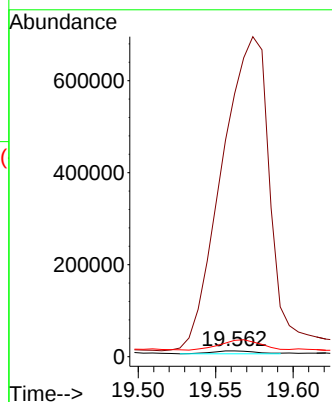
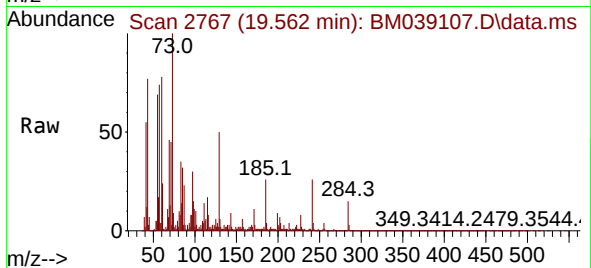
Tgt Ion:184 Resp: 12113

Ion Ratio Lower Upper

184 100

185 4587.1 12.2 18.4#

183 283.6 8.8 13.2#



#78

Pyrene

Concen: 130.242 ng

RT: 19.786 min Scan# 2805

Delta R.T. 0.018 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

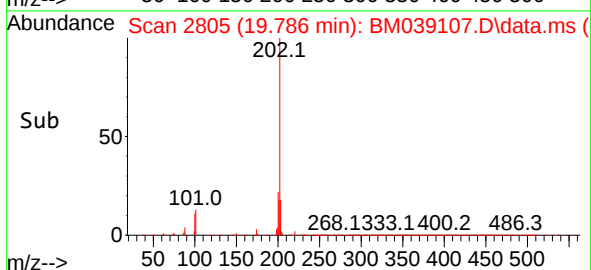
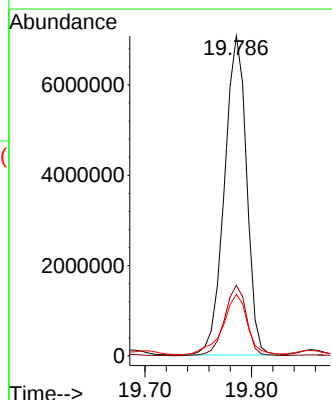
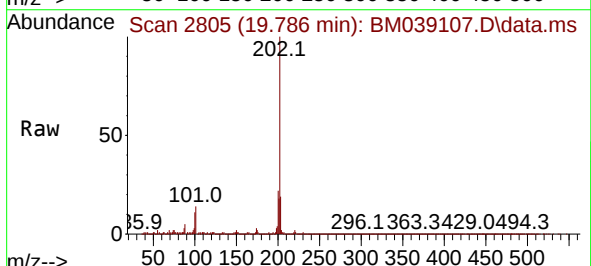
Tgt Ion:202 Resp:10205287

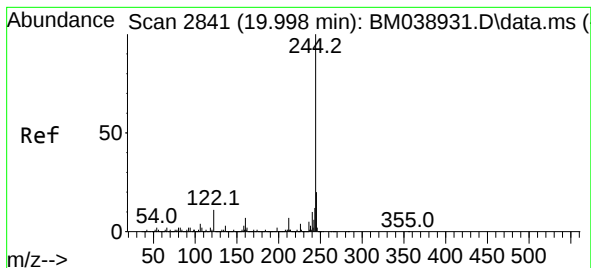
Ion Ratio Lower Upper

202 100

200 22.0 17.1 25.7

203 19.3 14.1 21.1





#79

Terphenyl-d14

Concen: 63.742 ng

RT: 19.980 min Scan# 2

Delta R.T. 0.012 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

Instrument :

BNA_M

ClientSampleId :

S-2

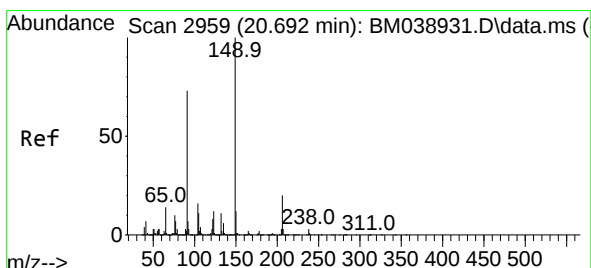
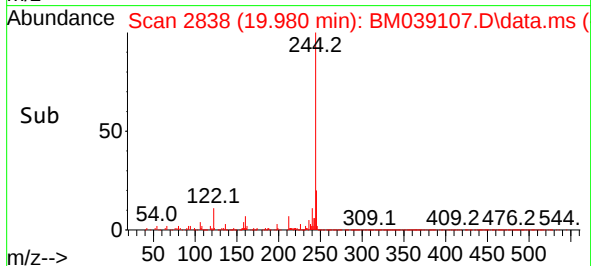
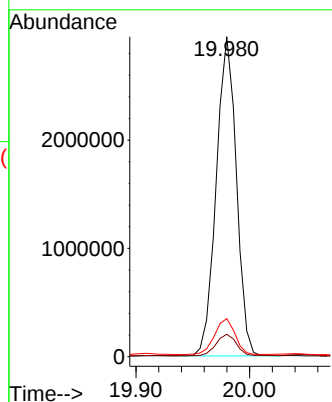
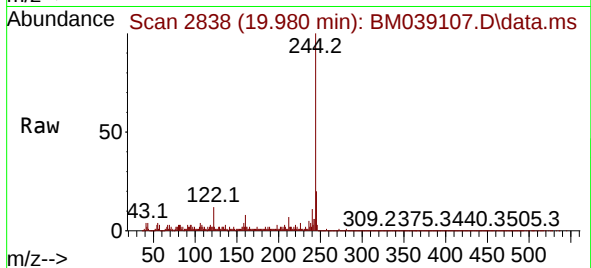
Tgt Ion:244 Resp: 3637104

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.9 9.0 13.4



#80

Butylbenzylphthalate

Concen: 3.548 ng

RT: 20.674 min Scan# 2956

Delta R.T. 0.012 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

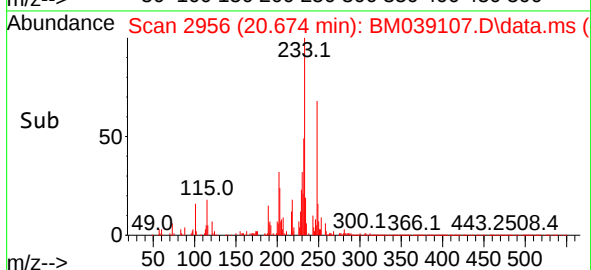
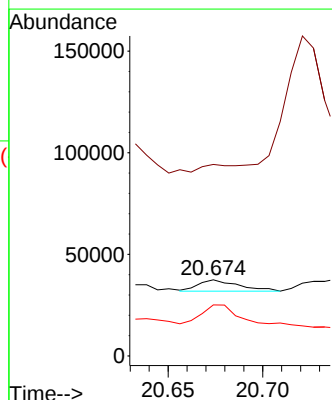
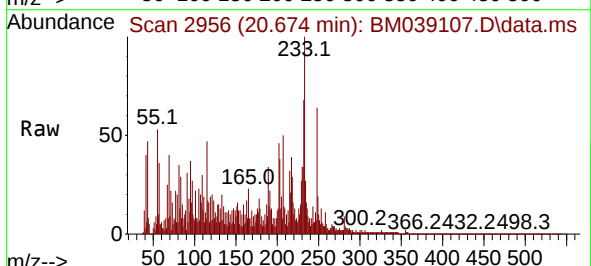
Tgt Ion:149 Resp: 8303

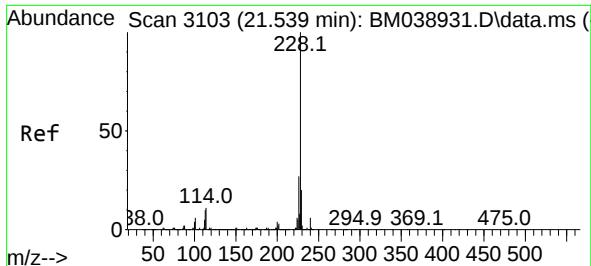
Ion Ratio Lower Upper

149 100

91 251.2 58.4 87.6#

206 66.9 16.1 24.1#

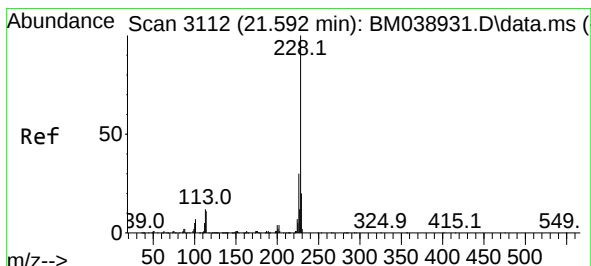
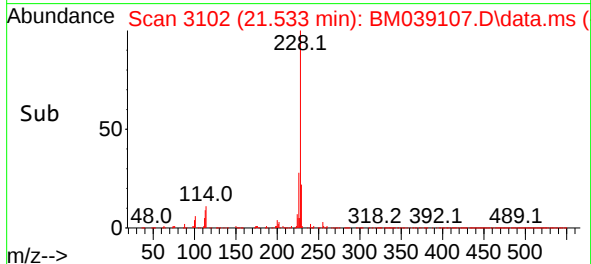
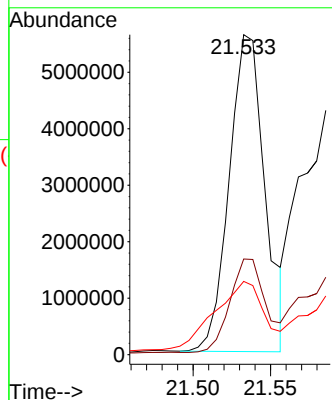
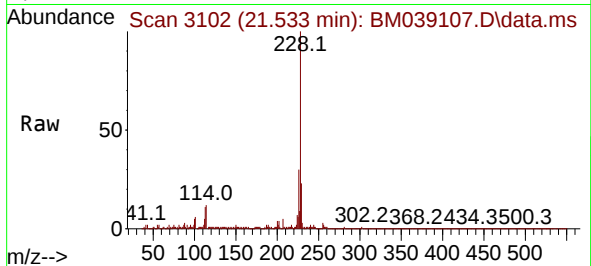




#81
Benzo(a)anthracene
Concen: 119.466 ng
RT: 21.533 min Scan# 3102
Delta R.T. 0.018 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

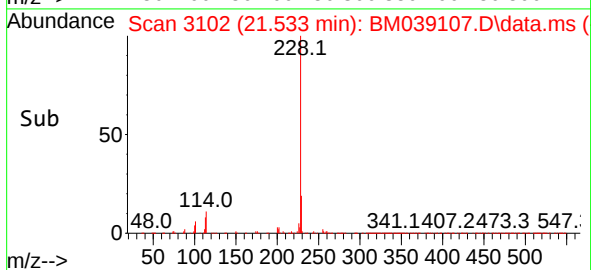
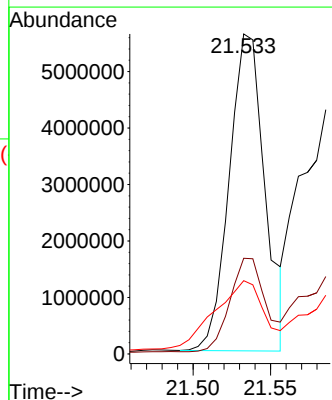
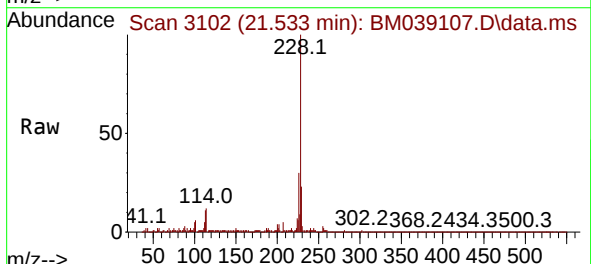
Instrument :
BNA_M
ClientSampleId :
S-2

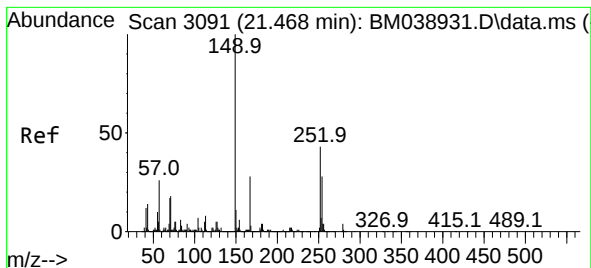
Tgt Ion:228 Resp: 8975373
Ion Ratio Lower Upper
228 100
226 29.9 21.4 32.2
229 22.9 15.7 23.5



#83
Chrysene
Concen: 122.833 ng
RT: 21.533 min Scan# 3102
Delta R.T. -0.035 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion:228 Resp: 8975373
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 22.9 16.0 24.0

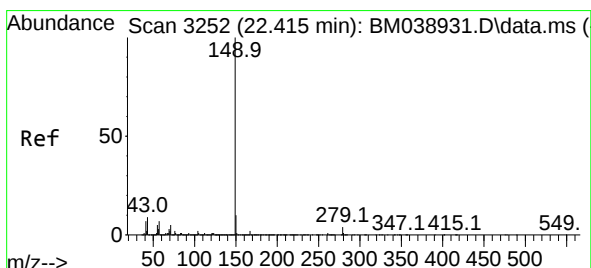
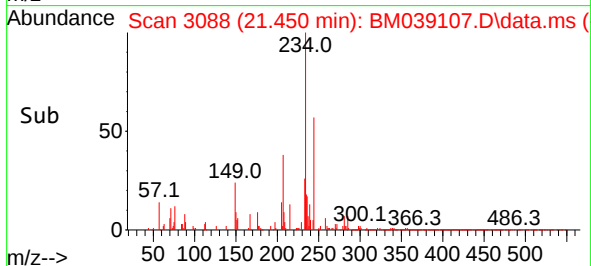
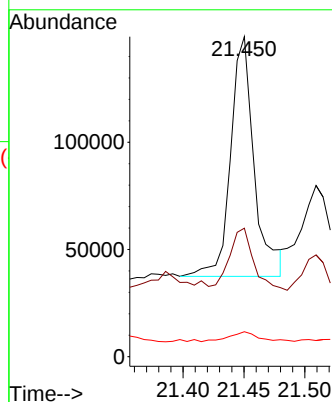
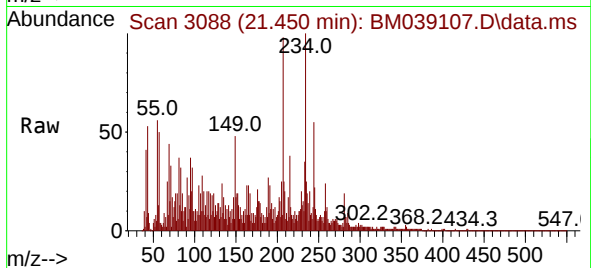




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.450 ng
RT: 21.450 min Scan# 3091
Delta R.T. 0.012 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

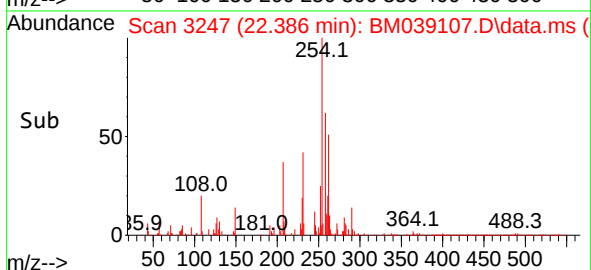
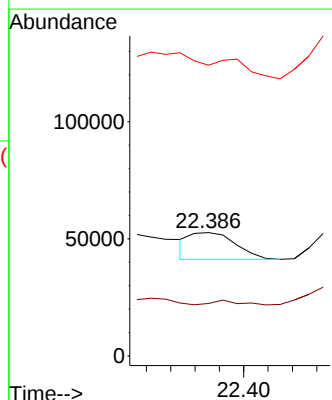
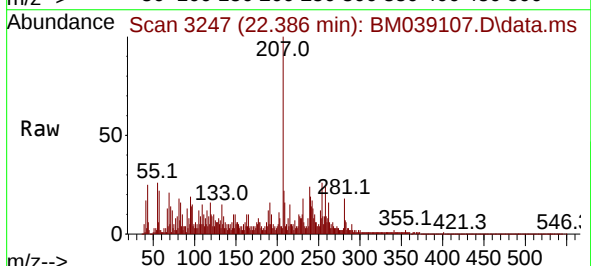
Instrument :
BNA_M
ClientSampleId :
S-2

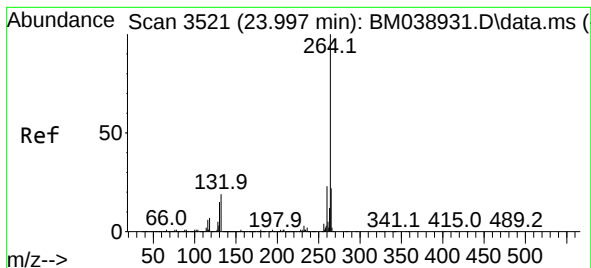
Tgt Ion:149 Resp: 150619
Ion Ratio Lower Upper
149 100
167 40.2 22.3 33.5#
279 7.8 3.2 4.8#



#85
Di-n-octyl phthalate
Concen: 3.967 ng
RT: 22.386 min Scan# 3247
Delta R.T. 0.012 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Tgt Ion:149 Resp: 14831
Ion Ratio Lower Upper
149 100
167 9.6 1.2 1.8#
43 0.0 7.4 11.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.997 min Scan# 3

Delta R.T. 0.035 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

Instrument :

BNA_M

ClientSampleId :

S-2

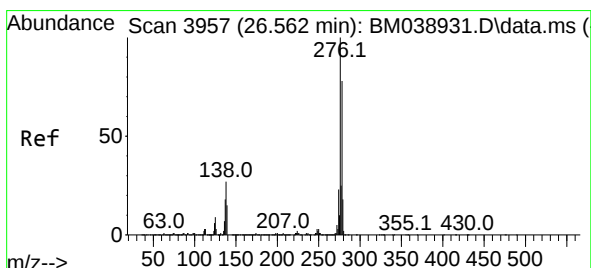
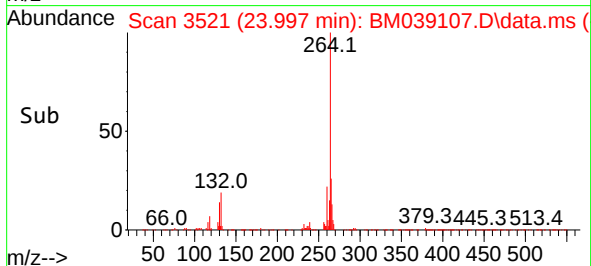
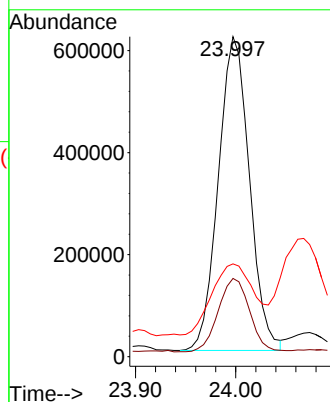
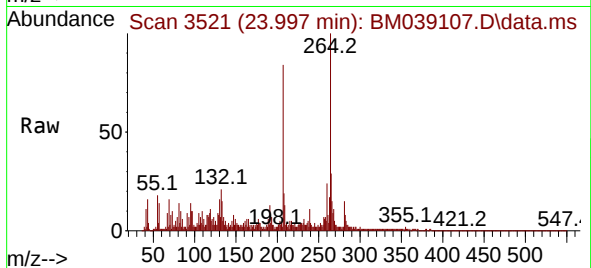
Tgt Ion:264 Resp: 1324701

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 29.0 17.9 26.9#



#87

Indeno(1,2,3-cd)pyrene

Concen: 69.215 ng

RT: 26.568 min Scan# 3958

Delta R.T. 0.070 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

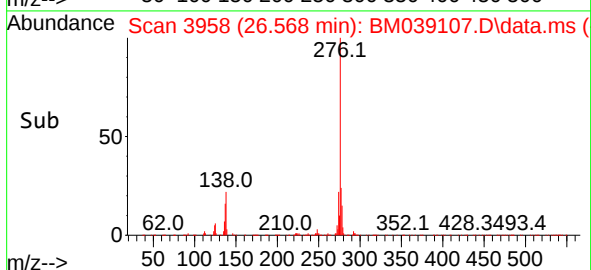
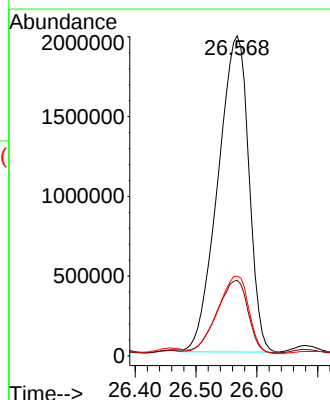
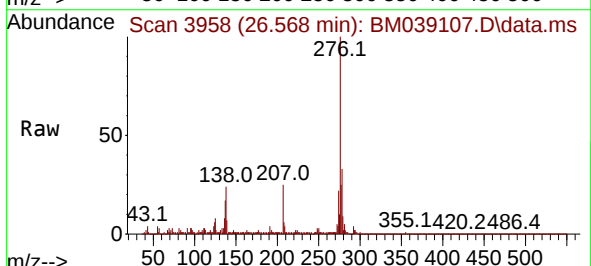
Tgt Ion:276 Resp: 6976889

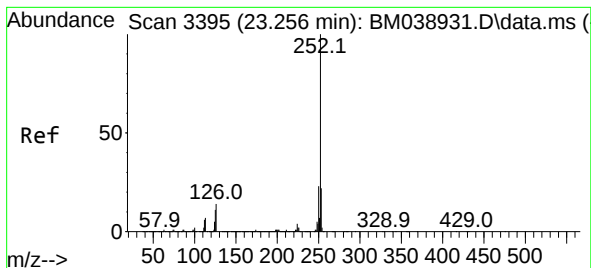
Ion Ratio Lower Upper

276 100

138 23.6 22.1 33.1

277 25.1 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 213.872 ng

RT: 23.268 min Scan# 3397

Delta R.T. 0.047 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

Instrument :

BNA_M

ClientSampleId :

S-2

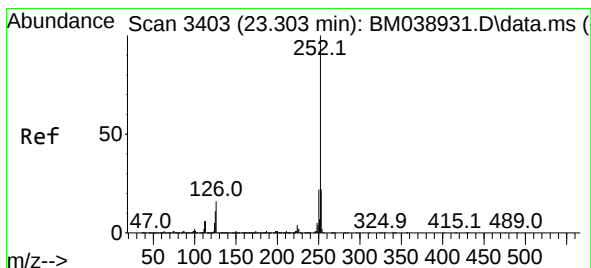
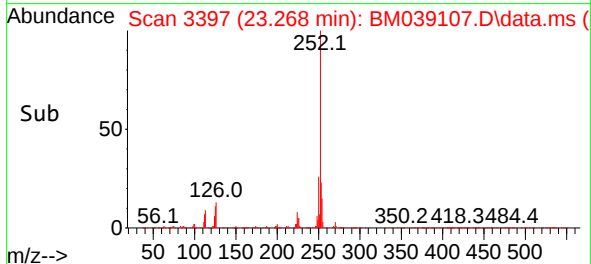
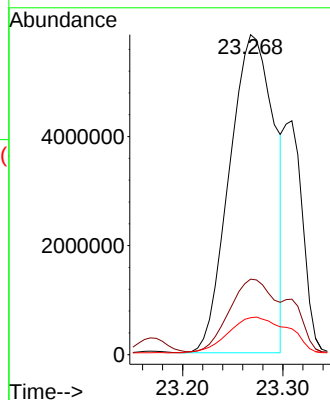
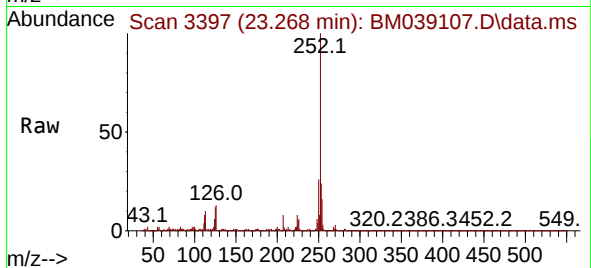
Tgt Ion:252 Resp:18100108

Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

125 11.5 8.8 13.2



#89

Benzo(k)fluoranthene

Concen: 205.507 ng

RT: 23.268 min Scan# 3397

Delta R.T. -0.000 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

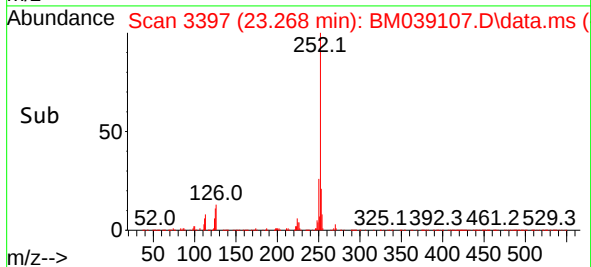
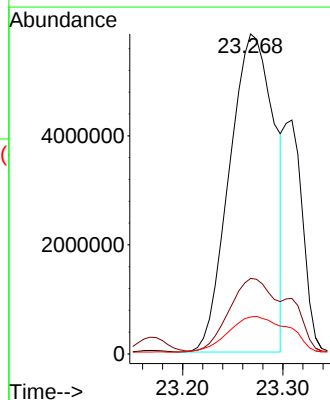
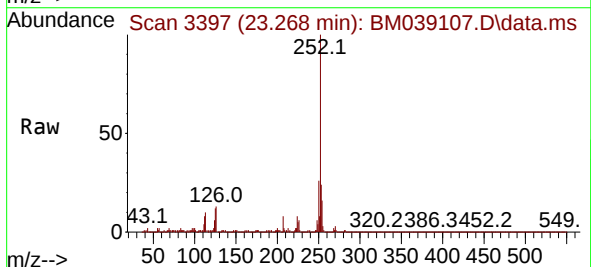
Tgt Ion:252 Resp:18100108

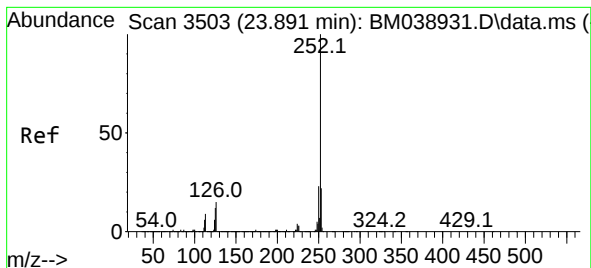
Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

125 11.5 8.9 13.3





#90

Benzo(a)pyrene

Concen: 108.044 ng

RT: 23.897 min Scan# 3

Delta R.T. 0.041 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

Instrument :

BNA_M

ClientSampleId :

S-2

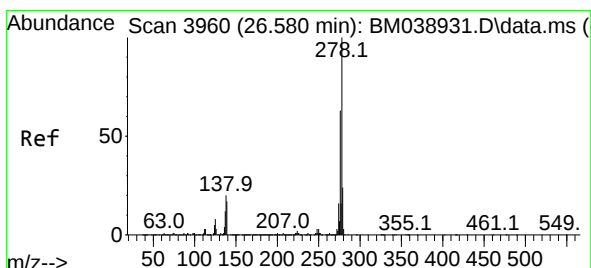
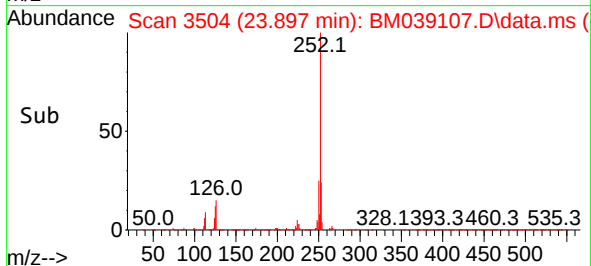
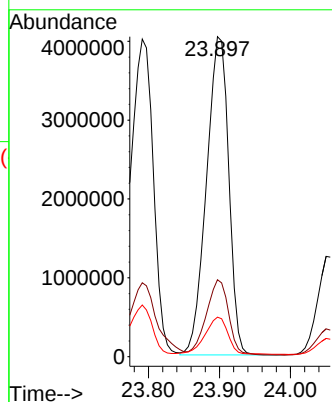
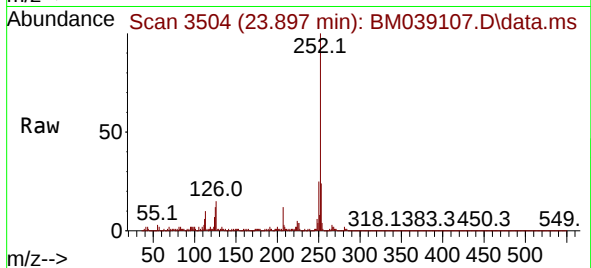
Tgt Ion:252 Resp: 8800216

Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

125 12.3 9.8 14.8



#91

Dibenzo(a,h)anthracene

Concen: 26.446 ng

RT: 26.568 min Scan# 3958

Delta R.T. 0.059 min

Lab File: BM039107.D

Acq: 23 Mar 2023 00:31

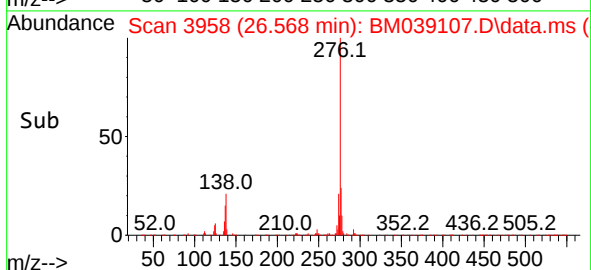
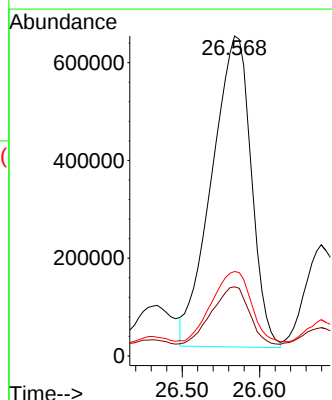
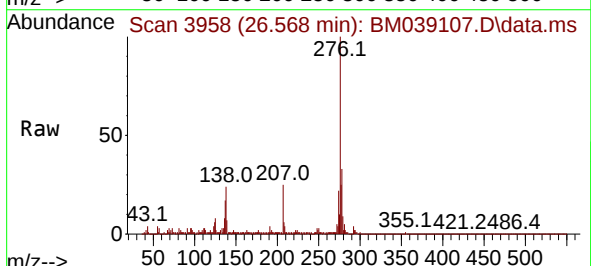
Tgt Ion:278 Resp: 2257573

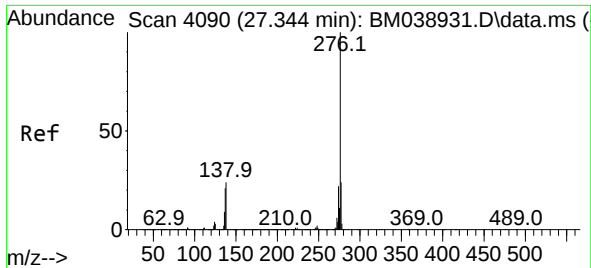
Ion Ratio Lower Upper

278 100

139 21.6 13.7 20.5#

279 26.4 18.9 28.3





#92
Benzo(g,h,i)perylene
Concen: 77.415 ng
RT: 27.362 min Scan# 4093
Delta R.T. 0.088 min
Lab File: BM039107.D
Acq: 23 Mar 2023 00:31

Instrument :
BNA_M
ClientSampleId :
S-2

Tgt Ion:276 Resp: 6465564
Ion Ratio Lower Upper
276 100
277 24.4 19.3 28.9
138 23.6 19.0 28.6

