

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044056.D
 Acq On : 12 Feb 2024 14:41
 Operator : MA/JU
 Sample : PB158276BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158276BL

Quant Time: Feb 12 15:18:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	447225	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1749404	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	919360	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	1704471	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1201213	20.000	ng	0.00
86) Perylene-d12	23.891	264	1284267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4013526	130.525	ng	0.00
7) Phenol-d6	7.075	99	4859178	124.201	ng	0.00
23) Nitrobenzene-d5	9.075	82	2849755	86.440	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1124350	112.953	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	5636357	86.524	ng	0.00
79) Terphenyl-d14	19.939	244	6140390	89.612	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	862	0.071	ng	# 1
3) Pyridine	3.710	79	157	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.687	42	444	0.036	ng	# 1
6) Aniline	7.245	93	272	0.007	ng	# 1
8) 2-Chlorophenol	7.457	128	58	0.002	ng	# 35
9) Benzaldehyde	7.081	77	7824	0.389	ng	# 3
10) Phenol	7.075	94	1185	0.030	ng	# 1
11) bis(2-Chloroethyl)ether	7.340	93	133	0.004	ng	# 21
15) Benzyl Alcohol	8.157	79	652	0.026	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.434	45	580	0.014	ng	# 1
17) 2-Methylphenol	8.181	107	85	0.003	ng	# 1
18) Hexachloroethane	8.975	117	240	0.017	ng	# 38
19) n-Nitroso-di-n-propyla...	8.734	70	70	0.003	ng	# 7
20) 3+4-Methylphenols	8.763	107	60	0.002	ng	# 1
22) Acetophenone	8.728	105	138	0.003	ng	# 1
24) Nitrobenzene	9.075	77	8184	0.242	ng	# 34
25) Isophorone	9.639	82	222	0.003	ng	# 65
31) Naphthalene	10.769	128	368	0.004	ng	# 69
36) 4-Chloro-3-methylphenol	12.157	107	83	0.003	ng	# 18
46) 1,1'-Biphenyl	13.174	154	11220	0.155	ng	# 1
48) 2-Nitroaniline	13.563	65	115	0.007	ng	# 1
49) Acenaphthylene	14.521	152	54	0.001	ng	# 61
50) Dimethylphthalate	14.027	163	339	0.005	ng	# 77
51) 2,6-Dinitrotoluene	14.145	165	53	0.004	ng	# 32
52) Acenaphthene	14.551	154	3184	0.060	ng	# 5
53) 3-Nitroaniline	14.557	138	127	0.008	ng	# 1
57) 2,4-Dinitrotoluene	14.916	165	59	0.003	ng	# 21
58) Fluorene	15.604	166	74	0.001	ng	# 92
60) Diethylphthalate	15.380	149	537	0.008	ng	# 1
63) Azobenzene	15.868	77	326	0.005	ng	# 78
66) n-Nitrosodiphenylamine	16.039	169	38865	0.751	ng	# 43
71) Phenanthrene	17.339	178	558	0.006	ng	# 60
72) Anthracene	17.439	178	124	0.001	ng	# 60
74) Di-n-butylphthalate	18.292	149	762	0.007	ng	# 59
75) Fluoranthene	19.368	202	278	0.003	ng	# 63
77) Benzidine	19.592	184	565	0.030	ng	# 68

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

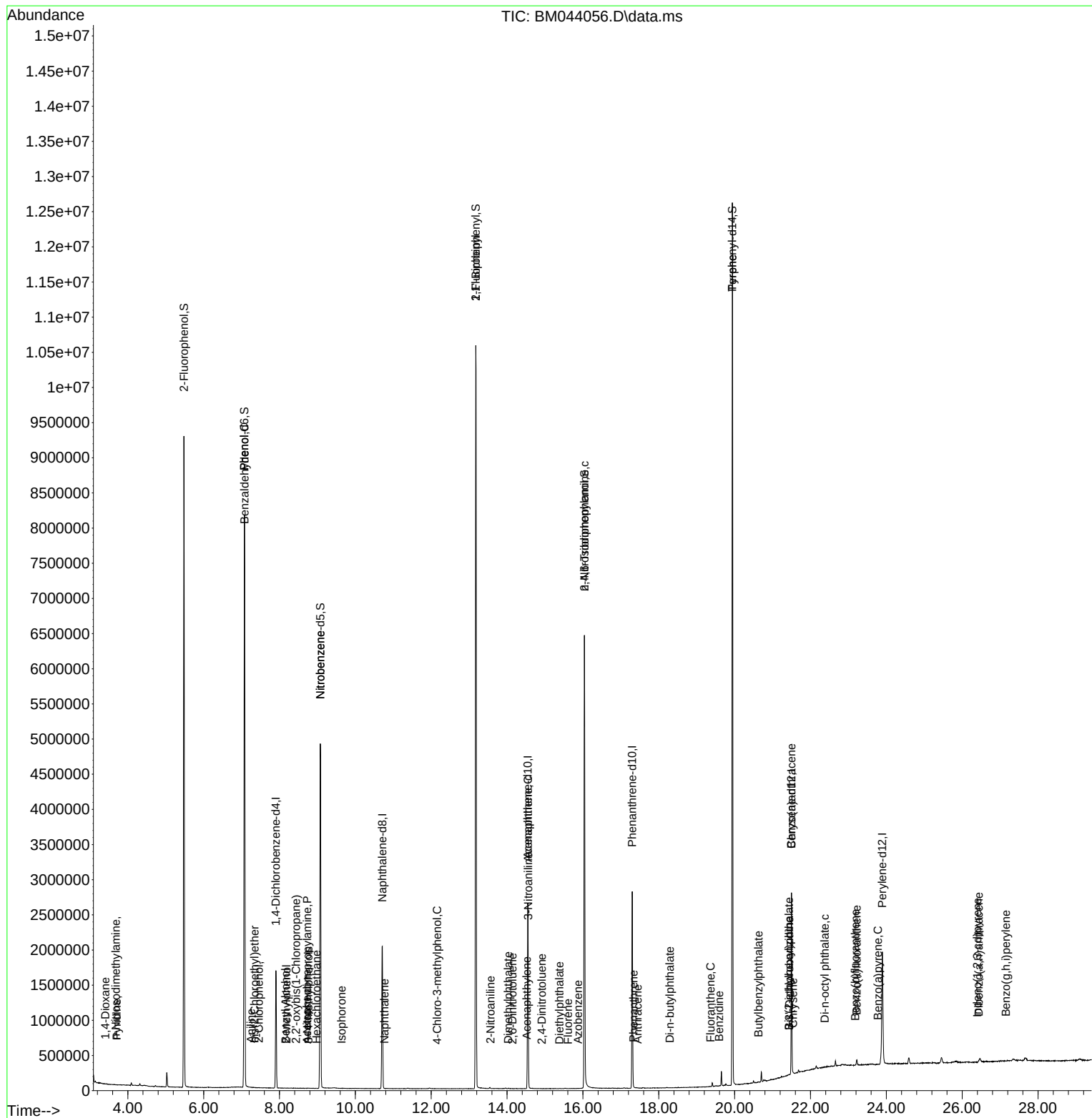
78) Pyrene	19.939	202	18289	0.198	ng	# 65
80) Butylbenzylphthalate	20.633	149	397	0.010	ng	# 86
81) Benzo(a)anthracene	21.497	228	3303	0.040	ng	# 66
82) 3,3'-Dichlorobenzidine	21.439	252	808	0.029	ng	# 61
83) Chrysene	21.539	228	364	0.005	ng	# 35
84) Bis(2-ethylhexyl)phtha...	21.433	149	1715	0.028	ng	# 78
85) Di-n-octyl phthalate	22.380	149	811	0.008	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.397	276	687	0.008	ng	# 66
88) Benzo(b)fluoranthene	23.180	252	1078	0.013	ng	# 1
89) Benzo(k)fluoranthene	23.221	252	999	0.013	ng	# 1
90) Benzo(a)pyrene	23.780	252	412	0.006	ng	# 1
91) Dibenzo(a,h)anthracene	26.432	278	712	0.009	ng	# 1
92) Benzo(g,h,i)perylene	27.150	276	485	0.006	ng	# 44

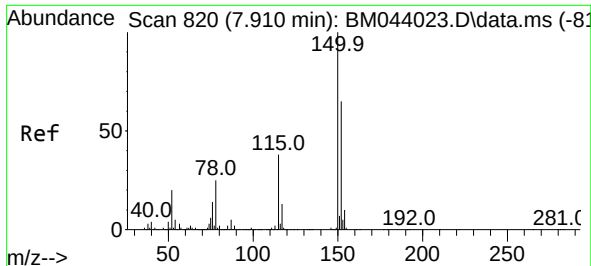
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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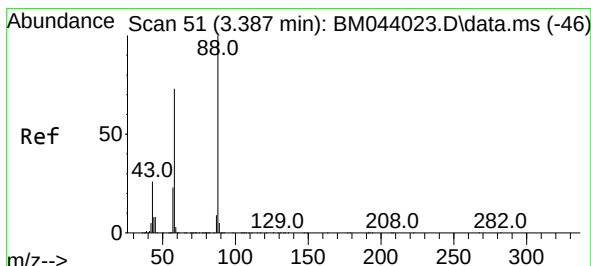
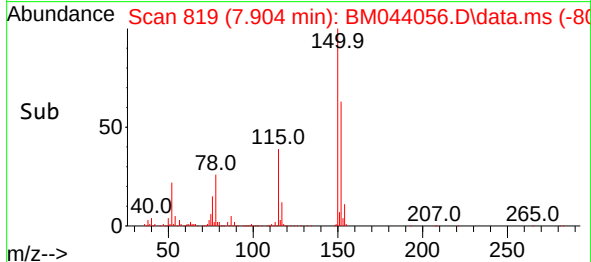
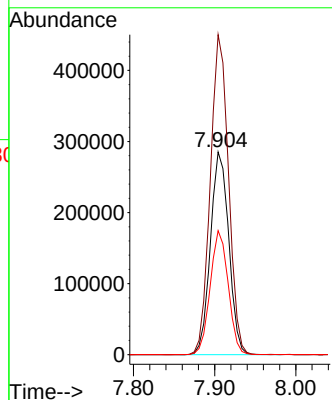
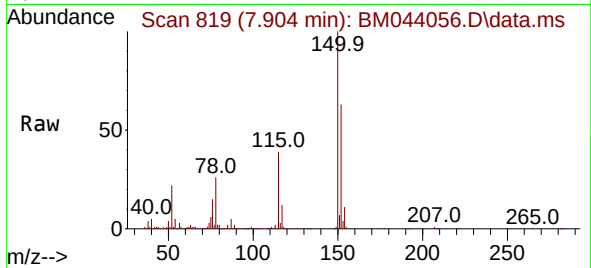




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044056.D
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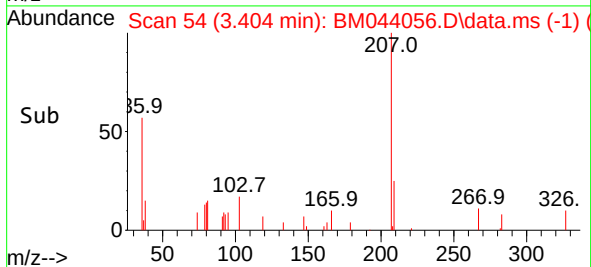
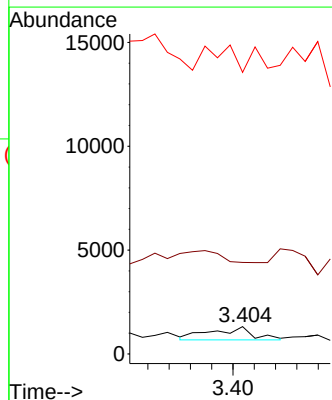
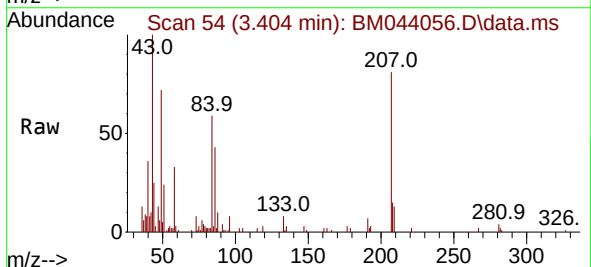
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BNA_M
ClientSampleId :
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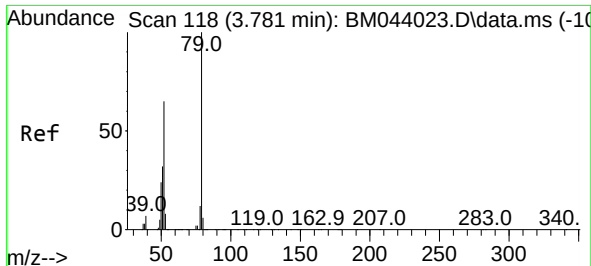
Tgt Ion:152 Resp: 447225
Ion Ratio Lower Upper
152 100
150 157.9 122.7 184.1
115 61.2 47.0 70.6



#2
1,4-Dioxane
Concen: 0.071 ng
RT: 3.404 min Scan# 54
Delta R.T. 0.018 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion: 88 Resp: 862
Ion Ratio Lower Upper
88 100
58 162.3 58.1 87.1#
43 134.8 21.1 31.7#

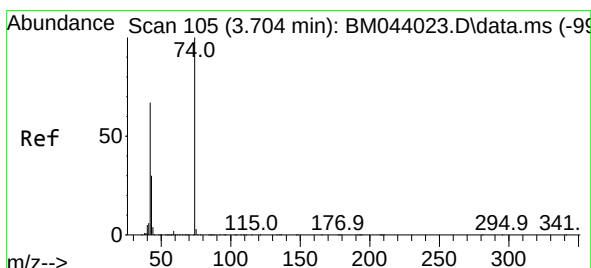
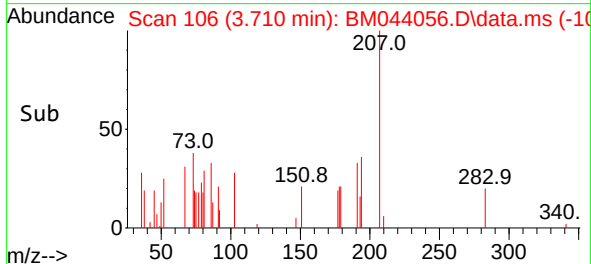
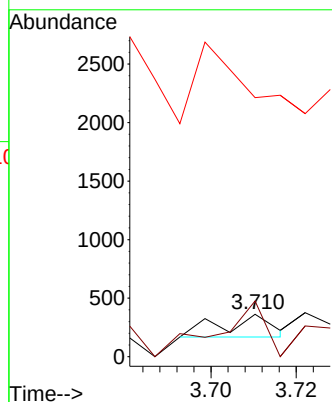
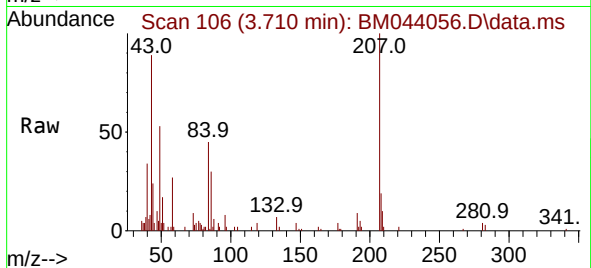




#3
Pyridine
Concen: 0.005 ng
RT: 3.710 min Scan# 106
Delta R.T. -0.071 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

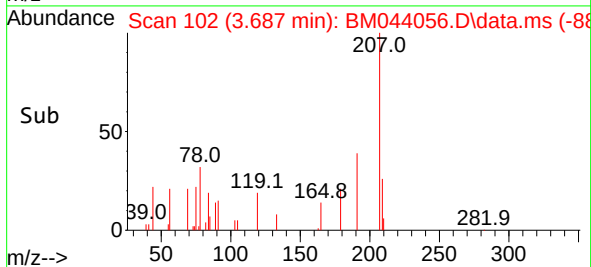
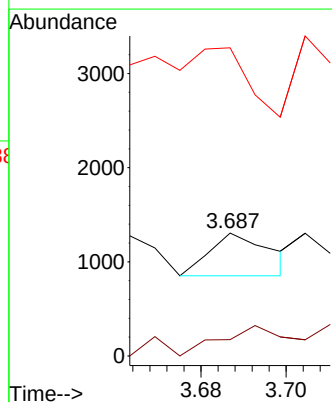
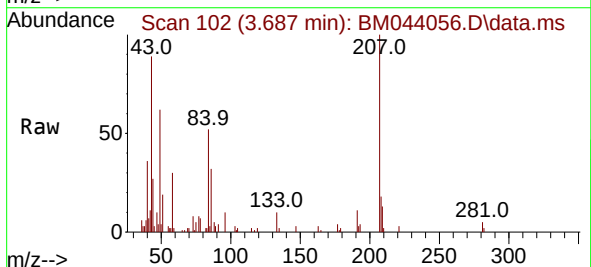
Instrument :
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ClientSampleId :
PB158276BL

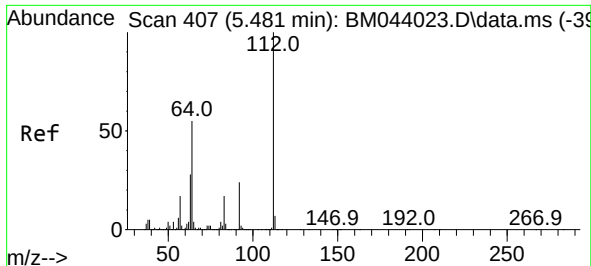
Tgt Ion: 79 Resp: 157
Ion Ratio Lower Upper
79 100
52 131.5 52.2 78.2#
51 611.3 26.2 39.4#



#4
n-Nitrosodimethylamine
Concen: 0.036 ng
RT: 3.687 min Scan# 102
Delta R.T. -0.018 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion: 42 Resp: 444
Ion Ratio Lower Upper
42 100
74 13.3 118.6 178.0#
44 250.9 5.6 8.4#

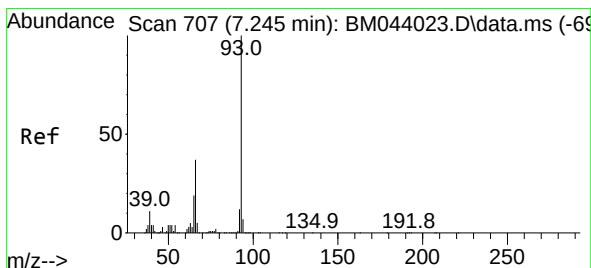
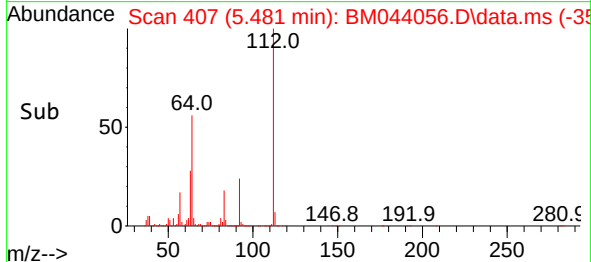
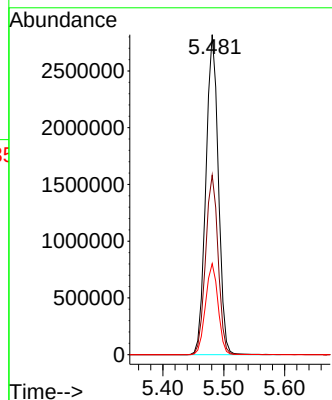
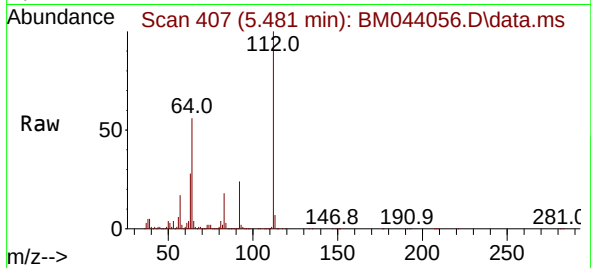




#5
2-Fluorophenol
Concen: 130.525 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

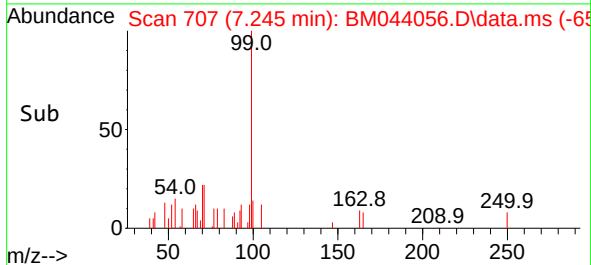
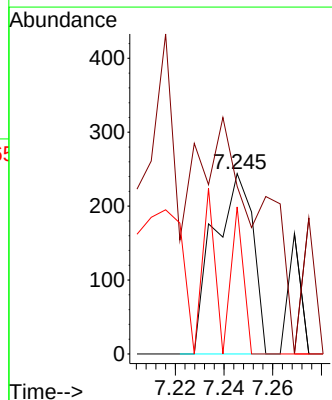
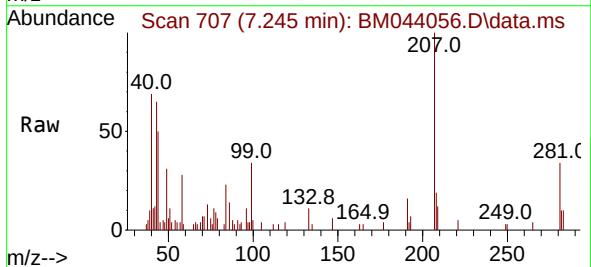
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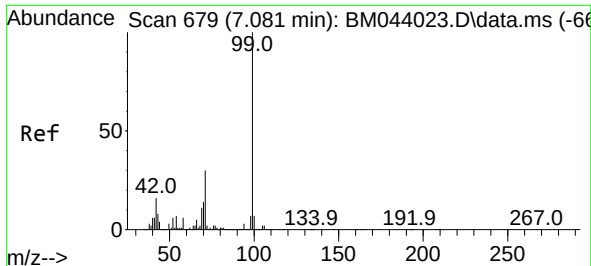
Tgt Ion:112 Resp: 4013526
Ion Ratio Lower Upper
112 100
64 56.1 44.2 66.4
63 28.5 22.6 34.0



#6
Aniline
Concen: 0.007 ng
RT: 7.245 min Scan# 707
Delta R.T. 0.000 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion: 93 Resp: 272
Ion Ratio Lower Upper
93 100
66 93.0 29.4 44.0#
65 81.6 15.2 22.8#

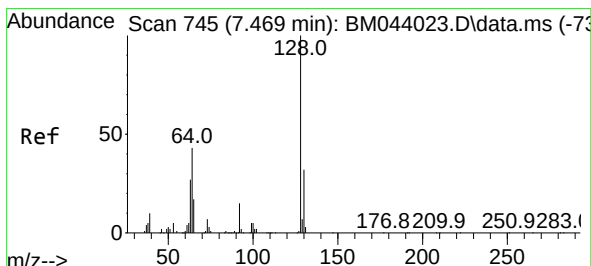
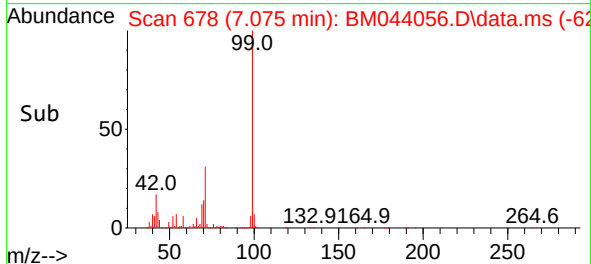
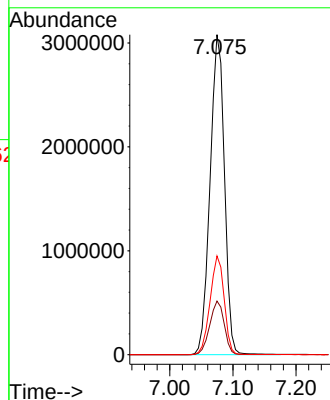
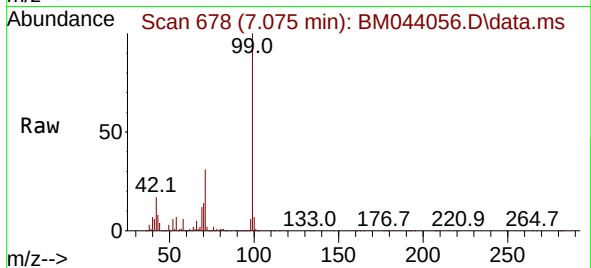




#7
Phenol-d6
Concen: 124.201 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

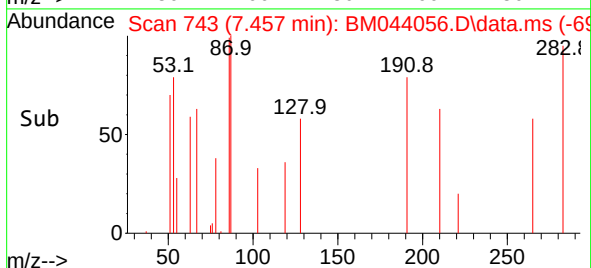
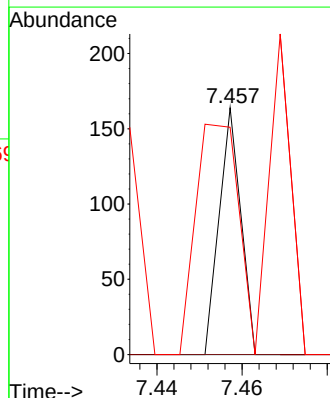
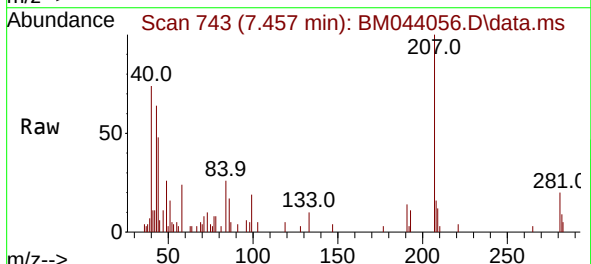
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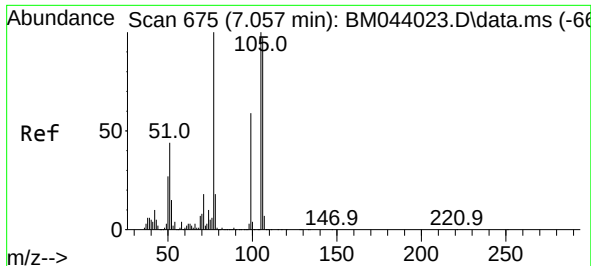
Tgt Ion: 99 Resp: 4859178
Ion Ratio Lower Upper
99 100
42 16.8 12.9 19.3
71 30.8 23.9 35.9



#8
2-Chlorophenol
Concen: 0.002 ng
RT: 7.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion: 128 Resp: 58
Ion Ratio Lower Upper
128 100
130 0.0 12.1 52.1#
64 92.1 26.0 66.0#

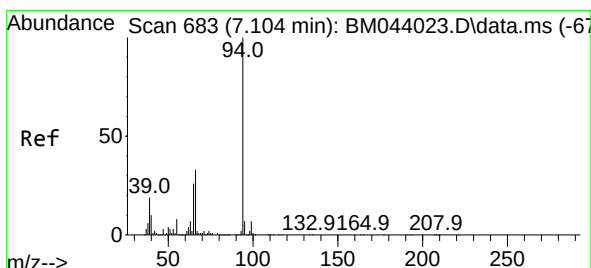
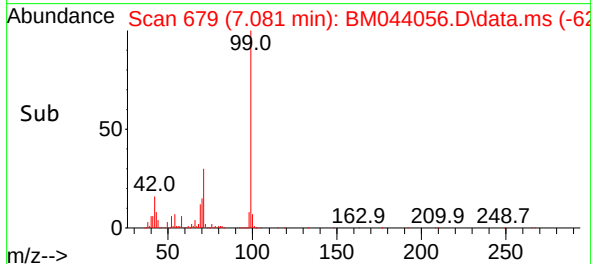
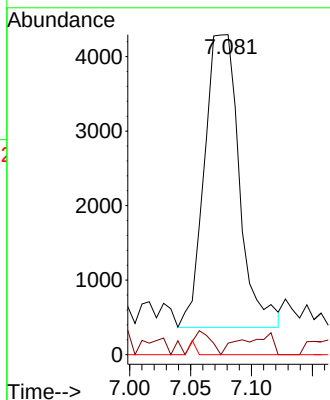
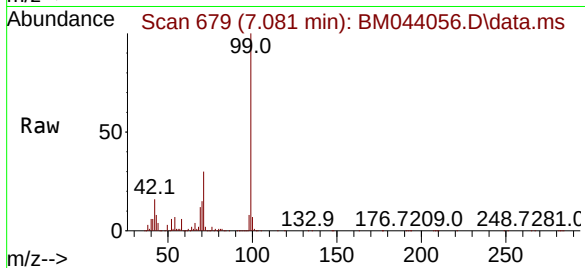




#9
Benzaldehyde
Concen: 0.389 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.024 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

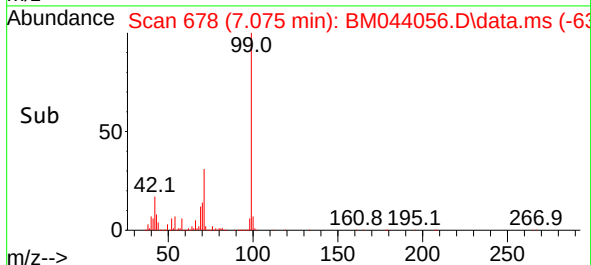
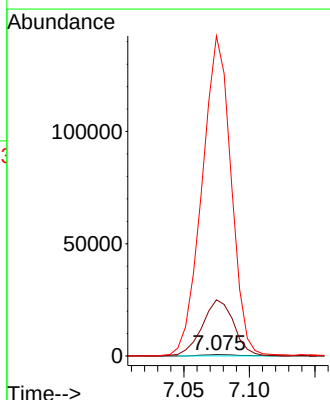
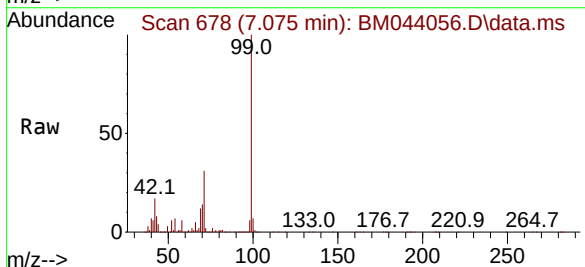
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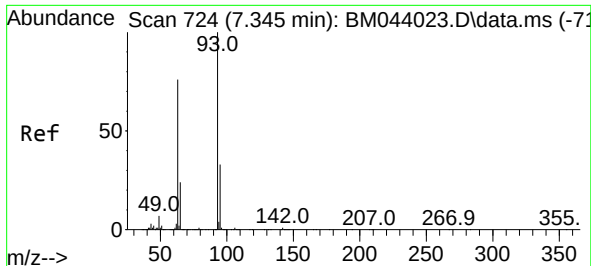
Tgt Ion: 77 Resp: 7824
Ion Ratio Lower Upper
77 100
105 3.6 80.0 120.0#
106 0.0 76.8 116.8#



#10
Phenol
Concen: 0.030 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.029 min
Lab File: BM044056.D
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Tgt Ion: 94 Resp: 1185
Ion Ratio Lower Upper
94 100
65 4562.0 6.4 46.4#
66 26020.4 13.2 53.2#

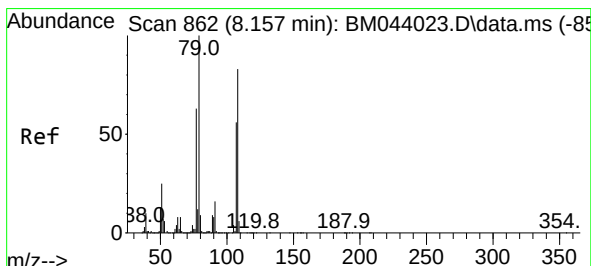
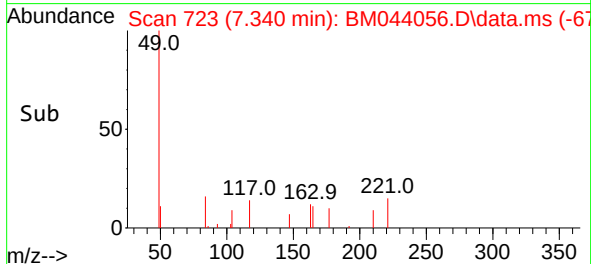
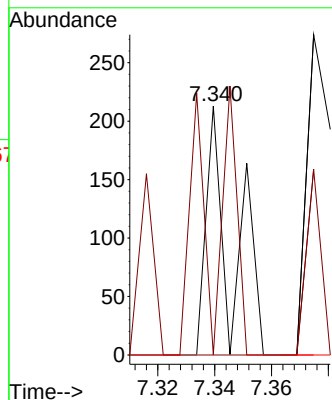
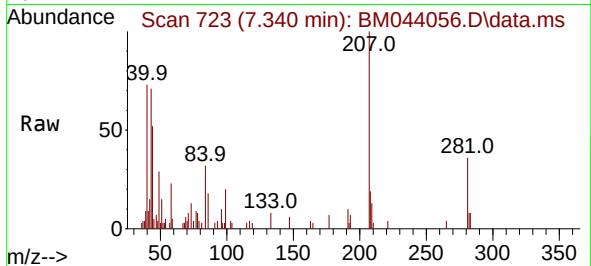




#11
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

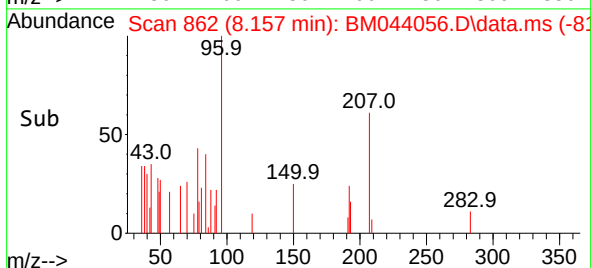
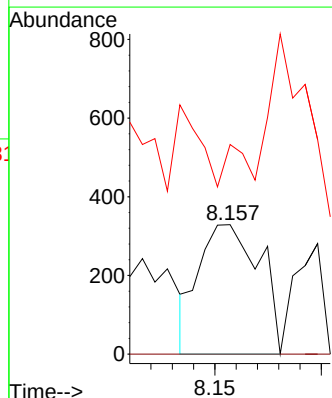
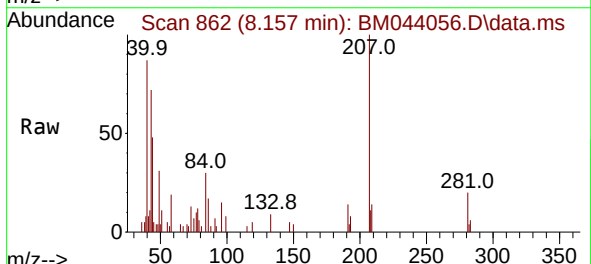
Instrument :
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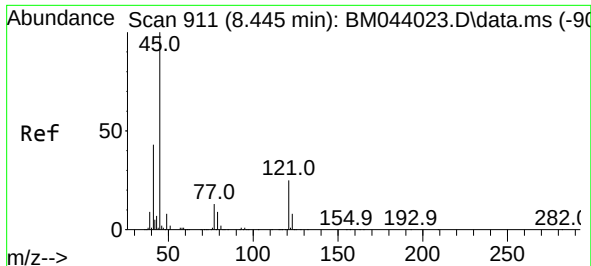
Tgt Ion: 93 Resp: 133
Ion Ratio Lower Upper
93 100
63 0.0 55.9 95.9#
95 0.0 13.0 53.0#



#15
Benzyl Alcohol
Concen: 0.026 ng
RT: 8.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion: 79 Resp: 652
Ion Ratio Lower Upper
79 100
108 0.0 66.0 99.0#
77 162.0 50.4 75.6#

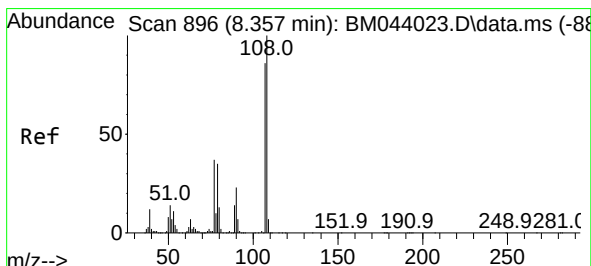
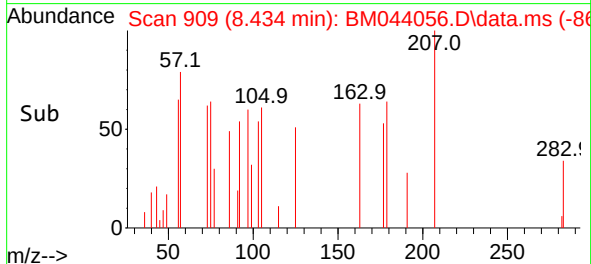
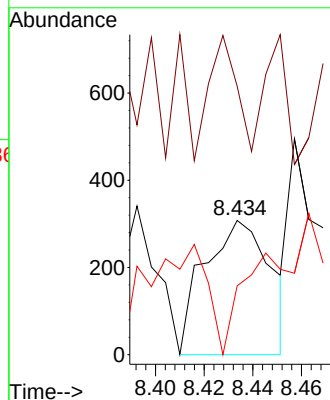
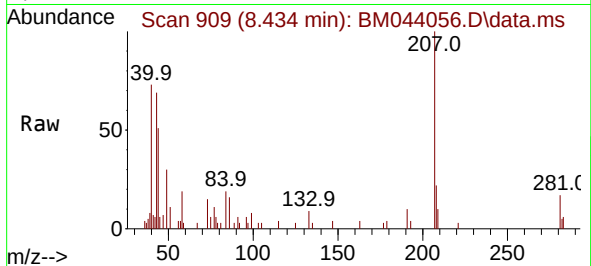




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.014 ng
RT: 8.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

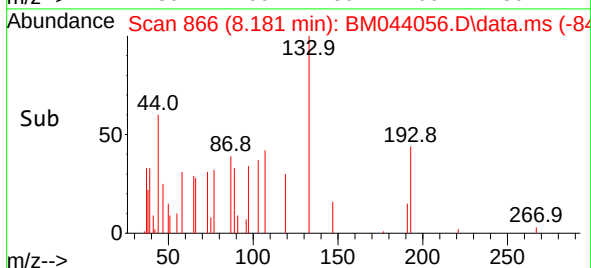
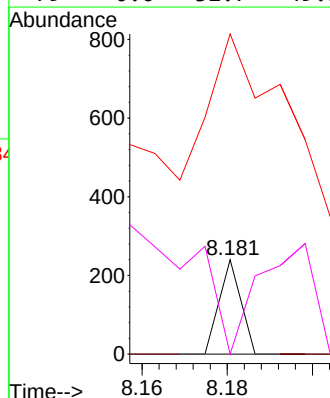
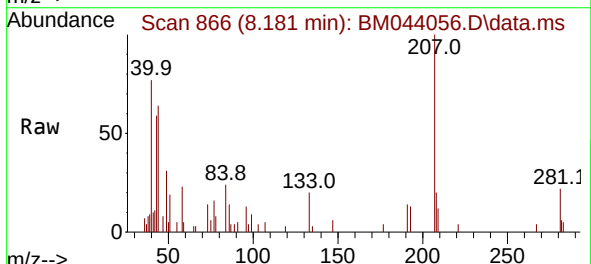
Instrument :
BNA_M
ClientSampleId :
PB158276BL

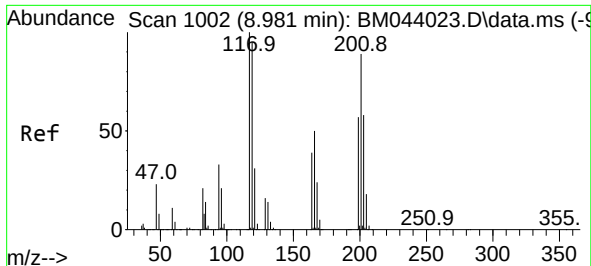
Tgt Ion: 45 Resp: 580
Ion Ratio Lower Upper
45 100
77 200.0 0.0 35.1#
79 51.3 0.0 31.5#



#17
2-Methylphenol
Concen: 0.003 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.176 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion: 107 Resp: 85
Ion Ratio Lower Upper
107 100
108 0.0 93.4 140.2#
77 339.2 34.7 52.1#
79 0.0 32.7 49.1#

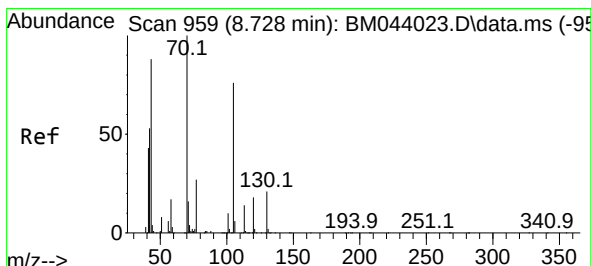
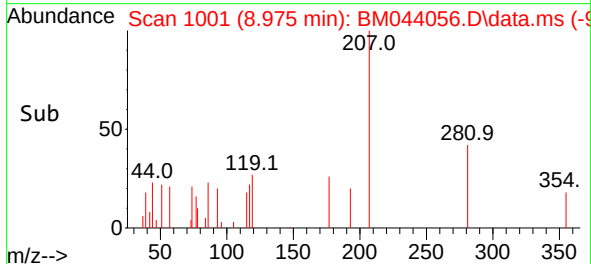
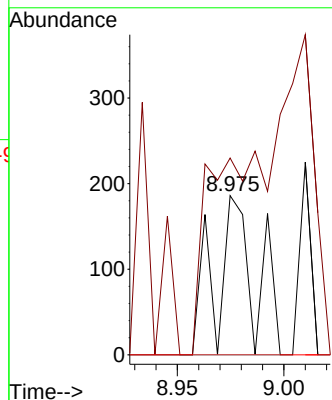
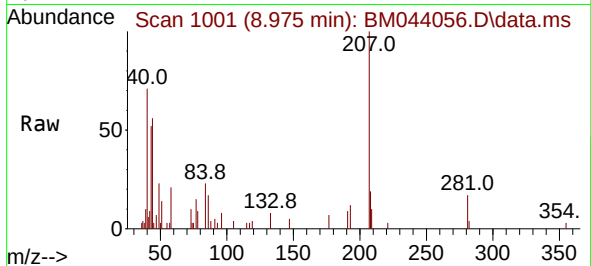




#18
Hexachloroethane
Concen: 0.017 ng
RT: 8.975 min Scan# 117
Delta R.T. -0.006 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

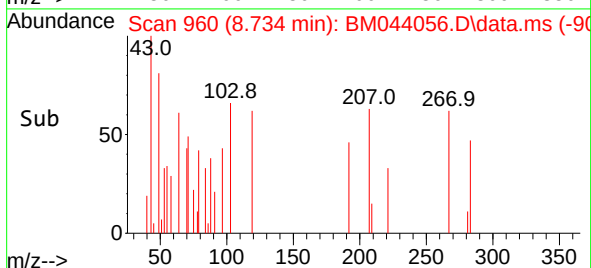
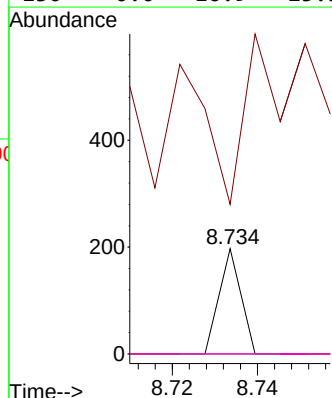
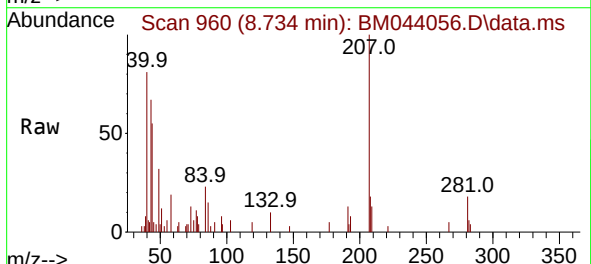
Instrument :
BNA_M
ClientSampleId :
PB158276BL

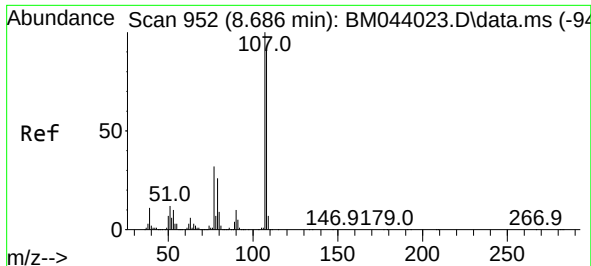
Tgt Ion:117 Resp: 240
Ion Ratio Lower Upper
117 100
119 123.7 75.7 113.5#
201 0.0 71.5 107.3#



#19
n-Nitroso-di-n-propylamine
Concen: 0.003 ng
RT: 8.734 min Scan# 960
Delta R.T. 0.006 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion: 70 Resp: 70
Ion Ratio Lower Upper
70 100
42 142.1 42.6 64.0#
101 0.0 7.8 11.6#
130 0.0 16.9 25.3#

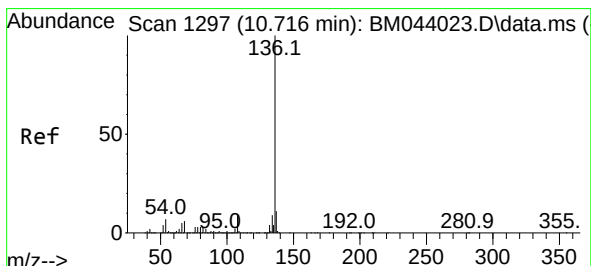
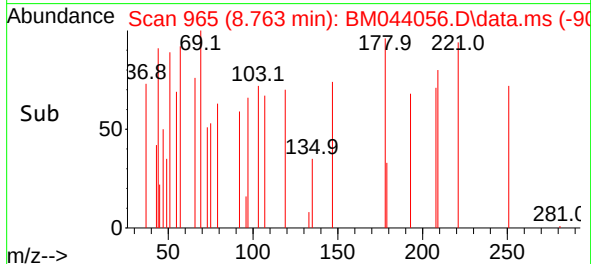
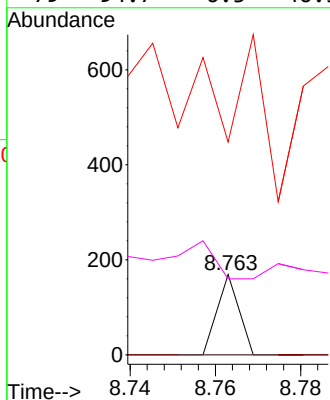
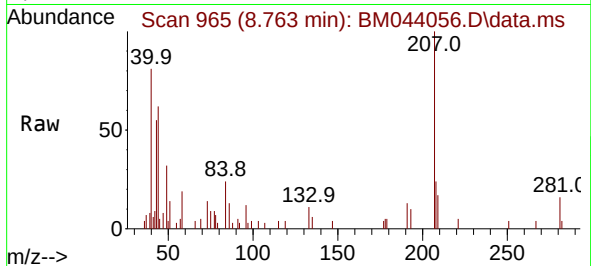




#20
3+4-Methylphenols
Concen: 0.002 ng
RT: 8.763 min Scan# 90
Delta R.T. 0.077 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

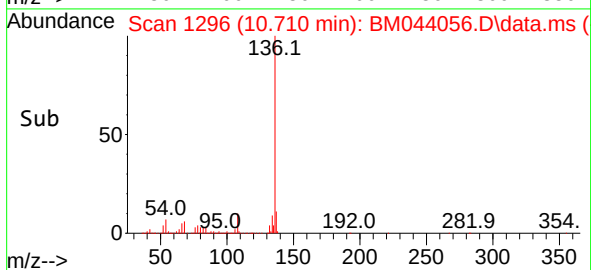
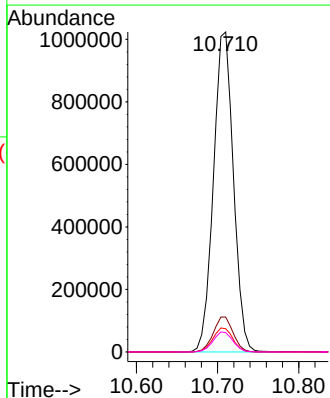
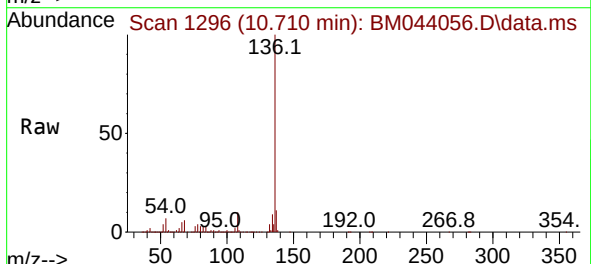
Instrument :
BNA_M
ClientSampleId :
PB158276BL

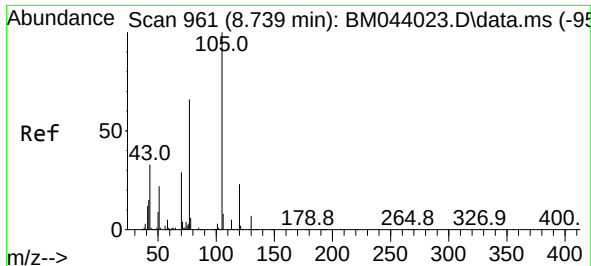
Tgt Ion:107 Resp: 60
Ion Ratio Lower Upper
107 100
108 0.0 71.5 111.5#
77 265.1 11.8 51.8#
79 94.7 6.3 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion:136 Resp: 1749404
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.2 5.9 8.9
68 6.1 4.8 7.2

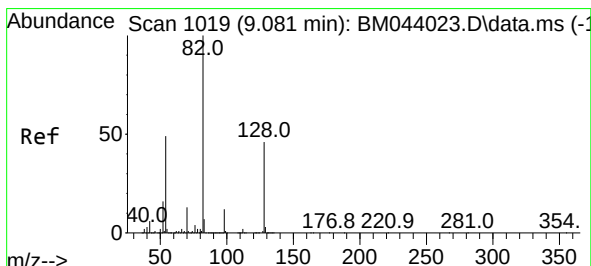
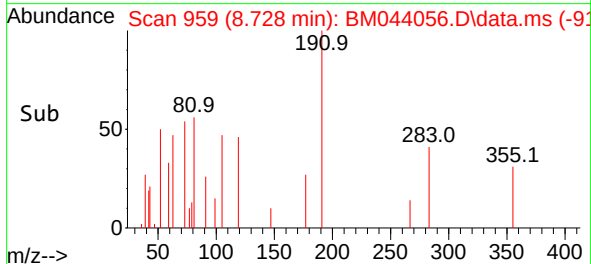
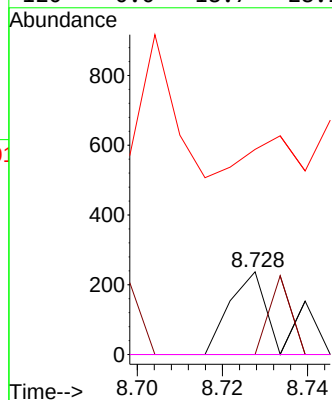
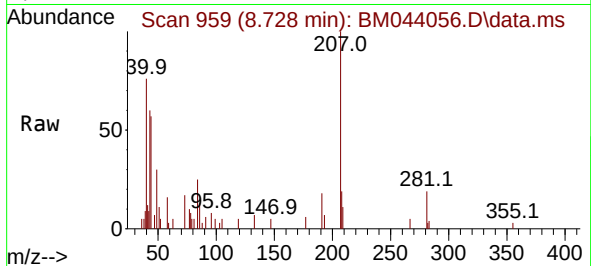




#22
Acetophenone
Concen: 0.003 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

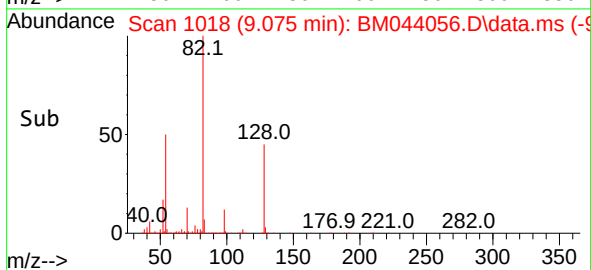
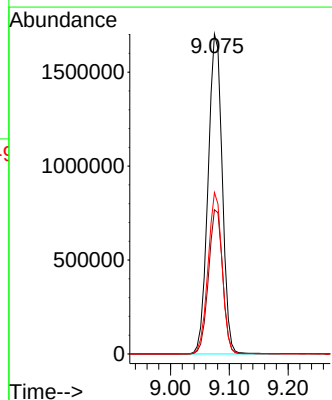
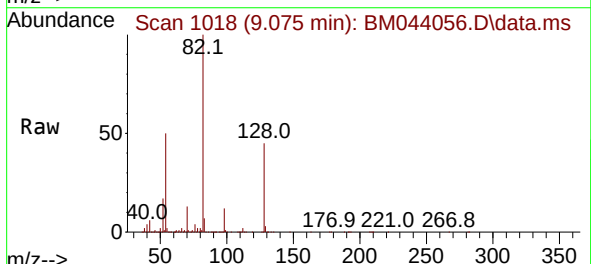
Instrument :
BNA_M
ClientSampleId :
PB158276BL

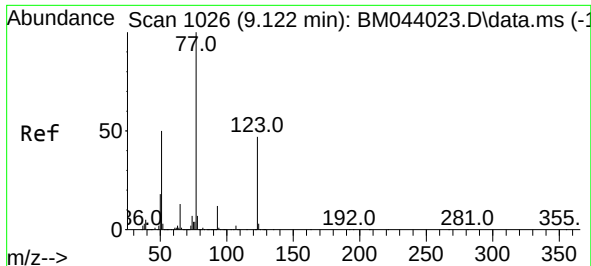
Tgt Ion:105 Resp: 138
Ion Ratio Lower Upper
105 100
71 0.0 4.0 6.0#
51 248.1 20.1 30.1#
120 0.0 18.7 28.1#



#23
Nitrobenzene-d5
Concen: 86.440 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion: 82 Resp: 2849755
Ion Ratio Lower Upper
82 100
128 45.0 37.1 55.7
54 50.4 38.9 58.3

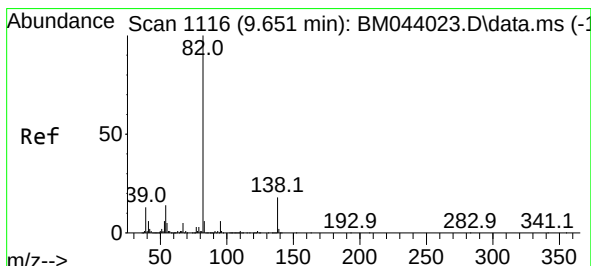
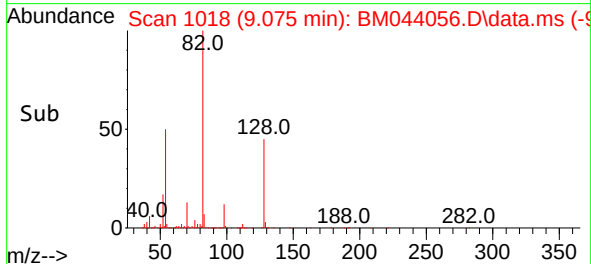
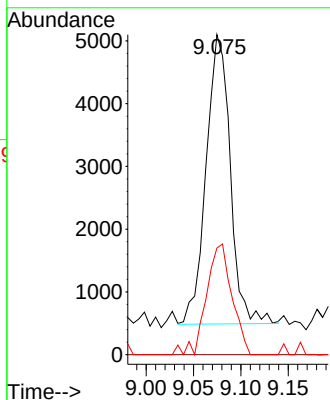
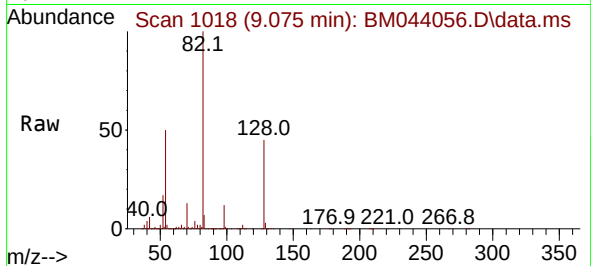




#24
Nitrobenzene
Concen: 0.242 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.047 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

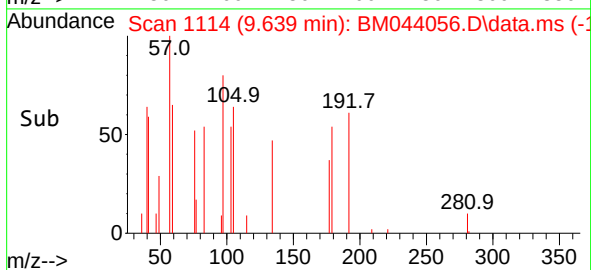
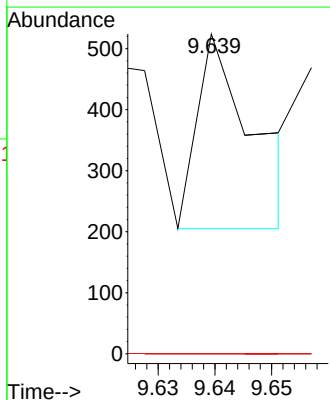
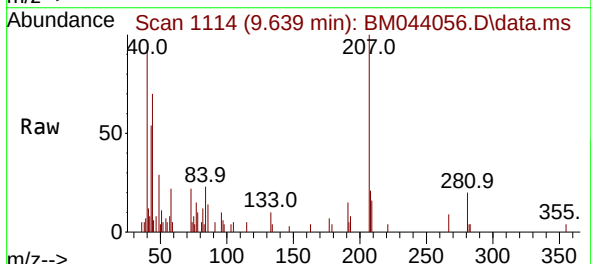
Instrument :
BNA_M
ClientSampleId :
PB158276BL

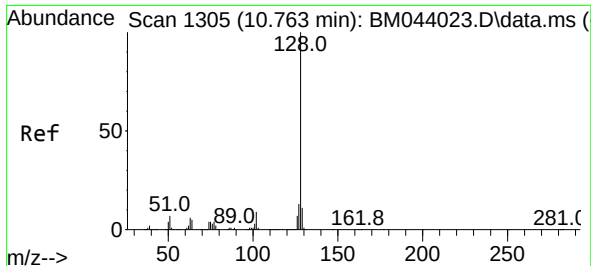
Tgt Ion: 77 Resp: 8184
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.8#
65 33.3 10.5 15.7#



#25
Isophorone
Concen: 0.003 ng
RT: 9.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion: 82 Resp: 222
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.3 21.5#

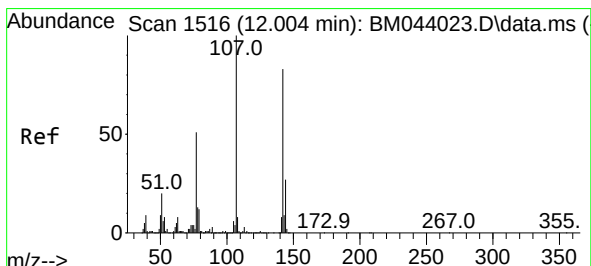
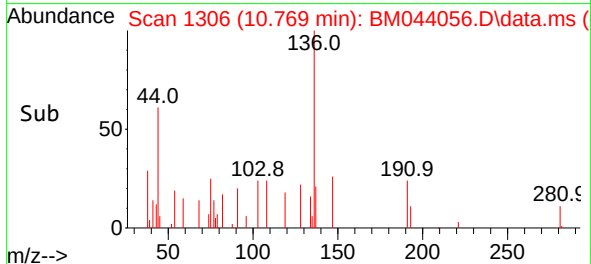
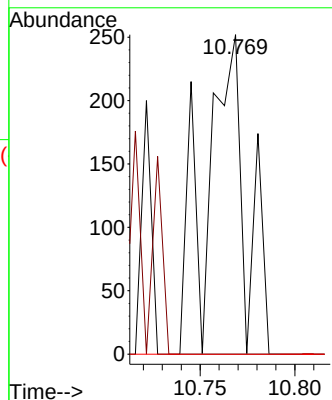
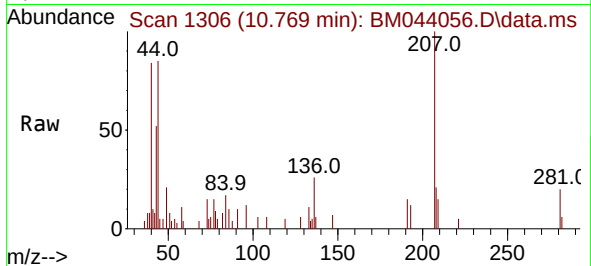




#31
Naphthalene
Concen: 0.004 ng
RT: 10.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

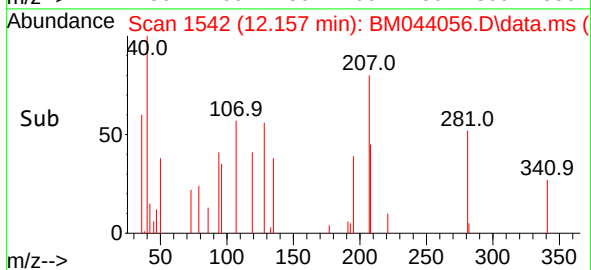
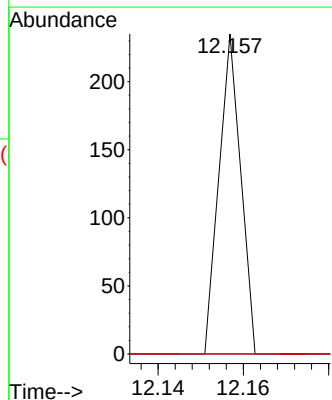
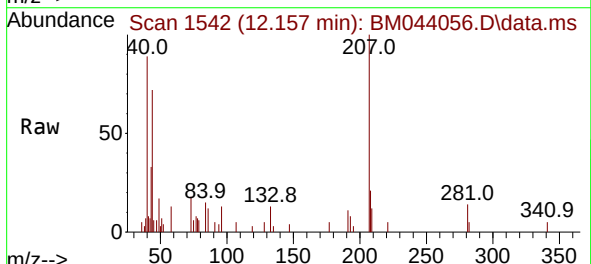
Instrument :
BNA_M
ClientSampleId :
PB158276BL

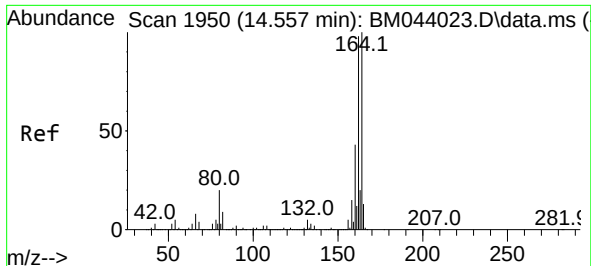
Tgt Ion:128 Resp: 368
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.3 15.5#



#36
4-Chloro-3-methylphenol
Concen: 0.003 ng
RT: 12.157 min Scan# 1542
Delta R.T. 0.153 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

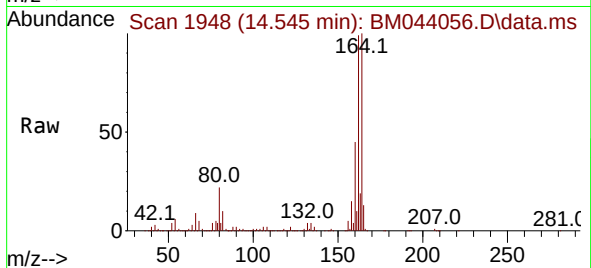
Tgt Ion:107 Resp: 83
Ion Ratio Lower Upper
107 100
144 0.0 21.3 31.9#
142 0.0 66.2 99.4#



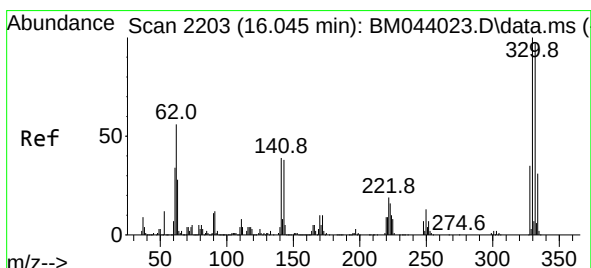
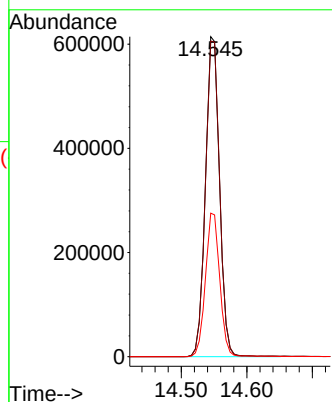
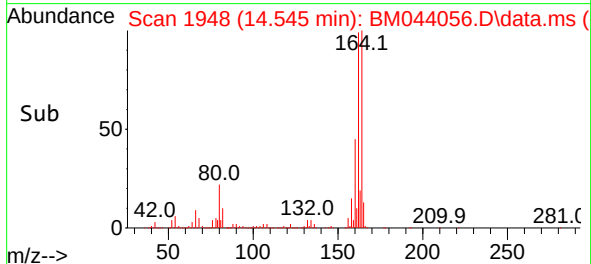


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

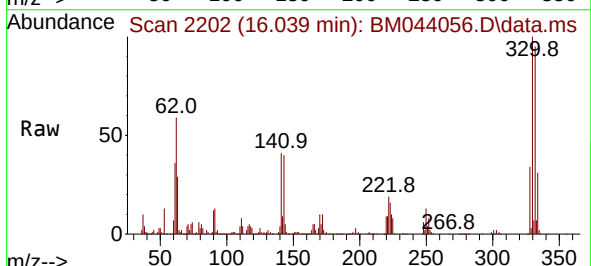
Instrument :
BNA_M
ClientSampleId :
PB158276BL



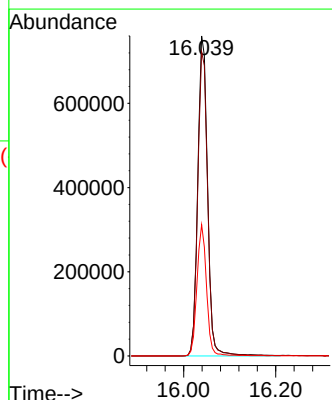
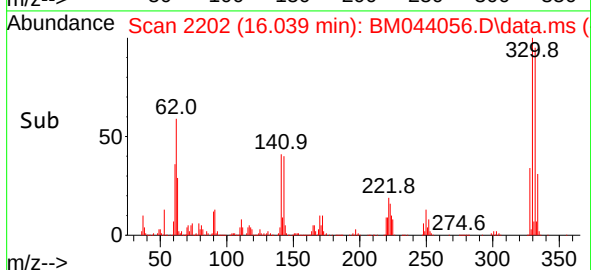
Tgt Ion:164 Resp: 919360
Ion Ratio Lower Upper
164 100
162 98.6 78.4 117.6
160 44.8 34.6 51.8

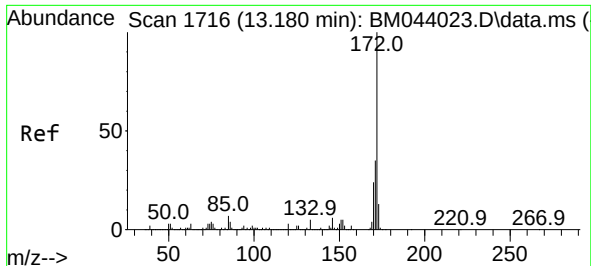


#42
2,4,6-Tribromophenol
Concen: 112.953 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41



Tgt Ion:330 Resp: 1124350
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 40.1 31.0 46.4

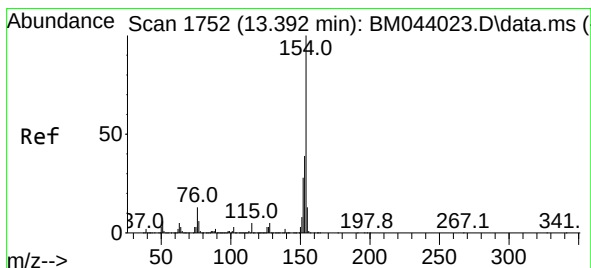
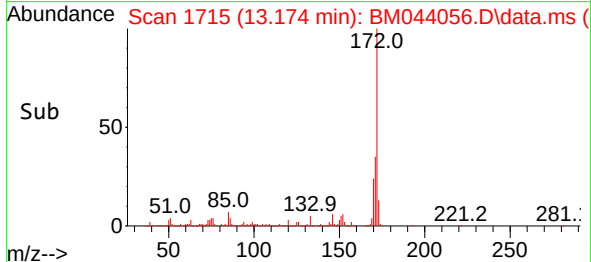
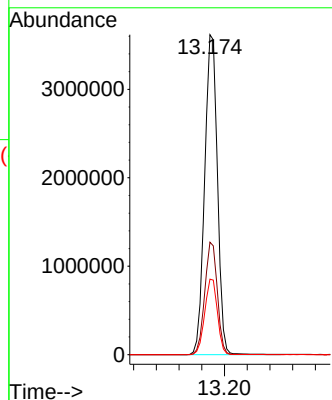
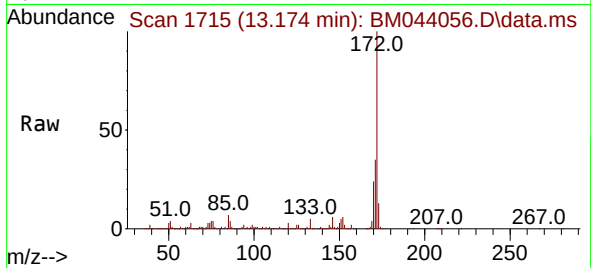




#45
2-Fluorobiphenyl
Concen: 86.524 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

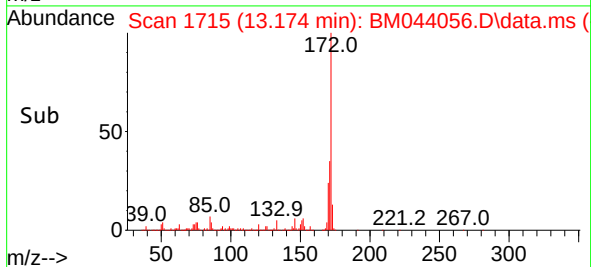
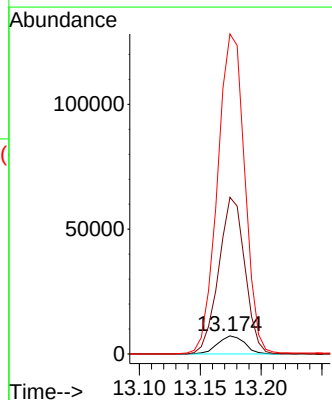
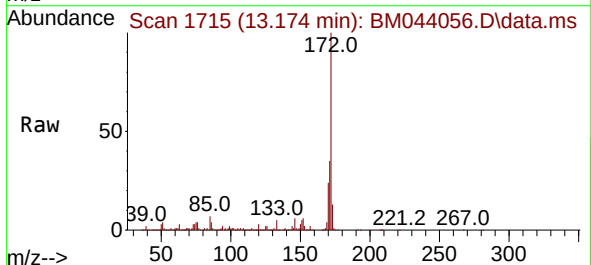
Instrument :
BNA_M
ClientSampleId :
PB158276BL

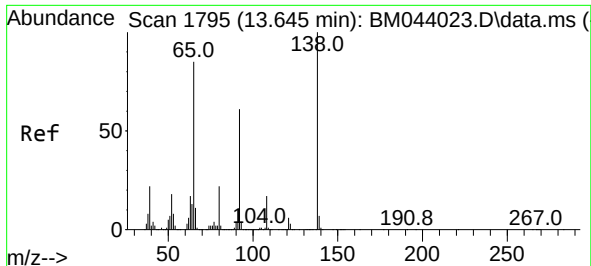
Tgt Ion:172 Resp: 5636357
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 0.155 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.218 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion:154 Resp: 11220
Ion Ratio Lower Upper
154 100
153 865.9 19.4 59.4#
76 1768.5 0.0 32.9#

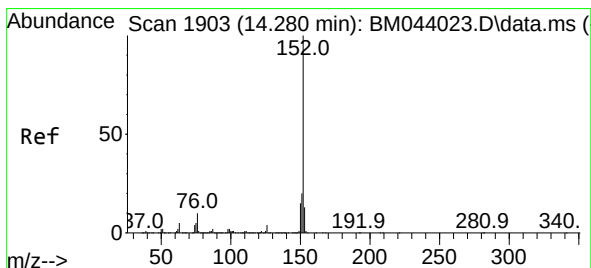
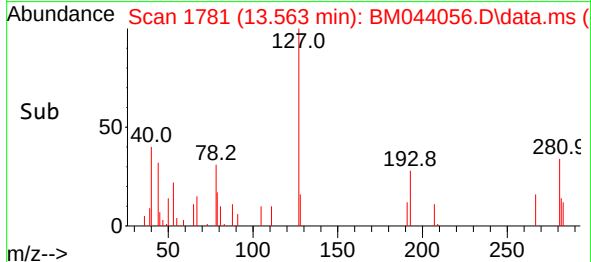
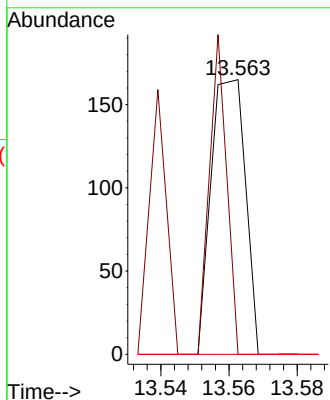
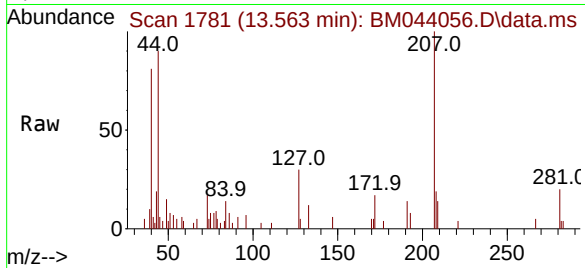




#48
2-Nitroaniline
Concen: 0.007 ng
RT: 13.563 min Scan# 11
Delta R.T. -0.082 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

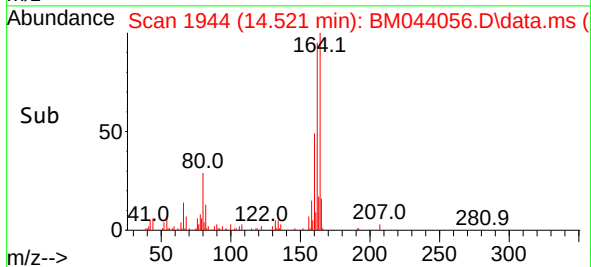
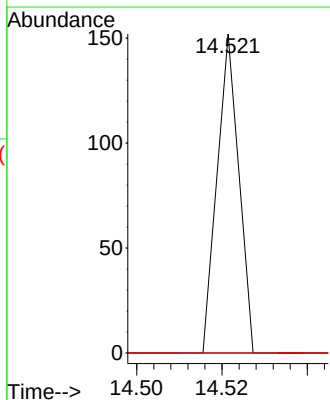
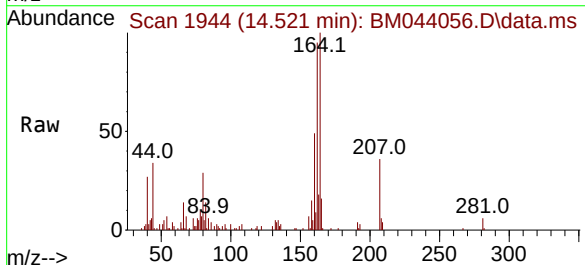
Instrument :
BNA_M
ClientSampleId :
PB158276BL

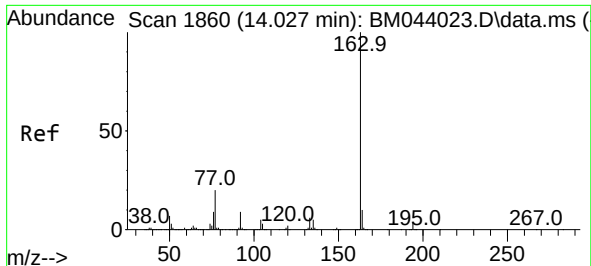
Tgt Ion: 65 Resp: 115
Ion Ratio Lower Upper
65 100
92 0.0 58.1 87.1#
138 0.0 94.6 142.0#



#49
Acenaphthylene
Concen: 0.001 ng
RT: 14.521 min Scan# 1944
Delta R.T. 0.241 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion:152 Resp: 54
Ion Ratio Lower Upper
152 100
151 0.0 15.8 23.6#
153 0.0 10.5 15.7#

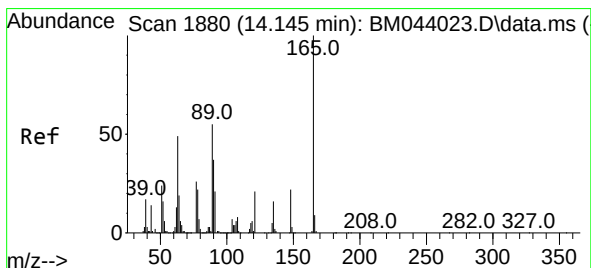
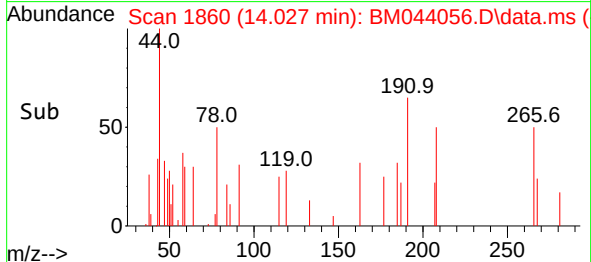
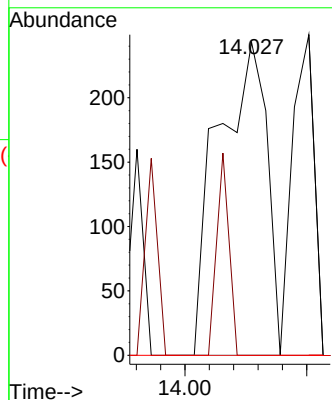
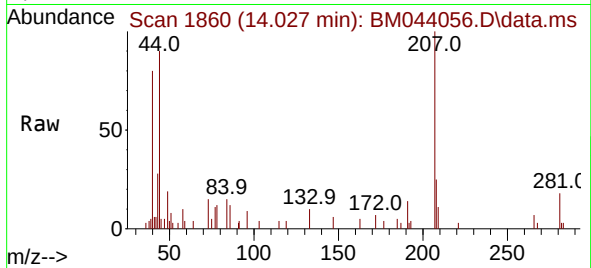




#50
Dimethylphthalate
Concen: 0.005 ng
RT: 14.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

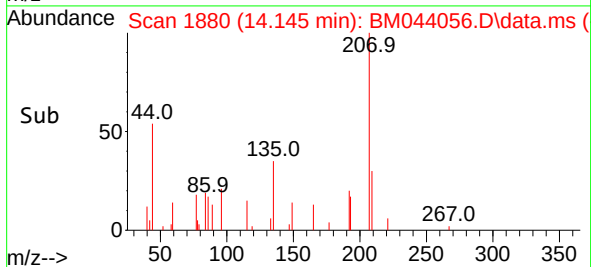
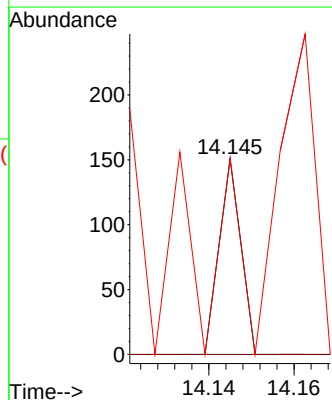
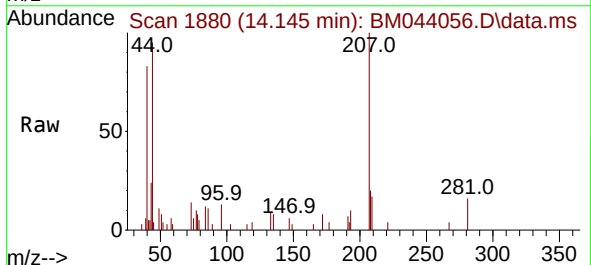
Instrument :
BNA_M
ClientSampleId :
PB158276BL

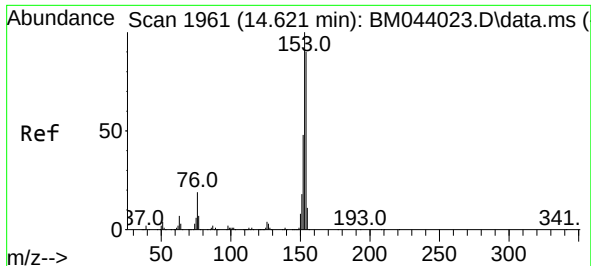
Tgt Ion:163 Resp: 339
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 0.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 0.004 ng
RT: 14.145 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion:165 Resp: 53
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 100.0 44.4 66.6#

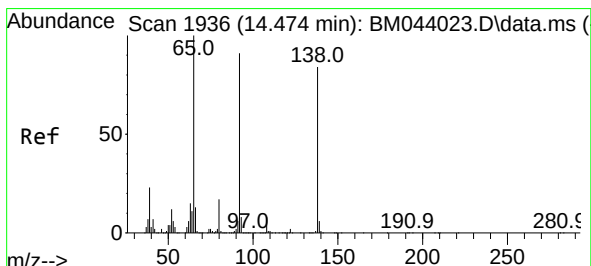
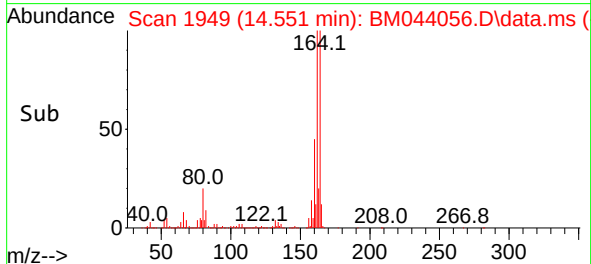
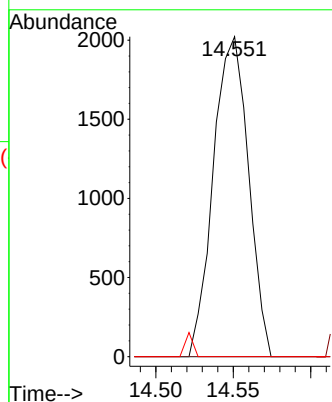
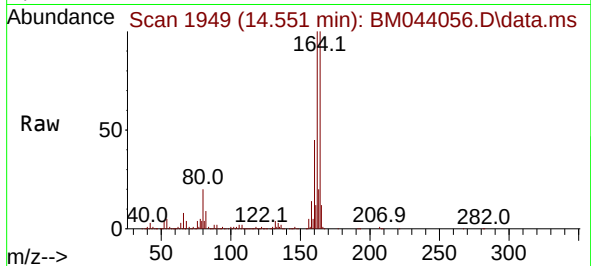




#52
Acenaphthene
Concen: 0.060 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.071 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

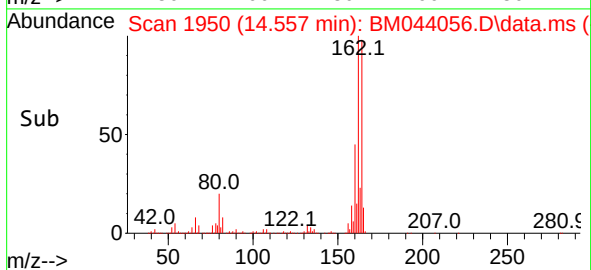
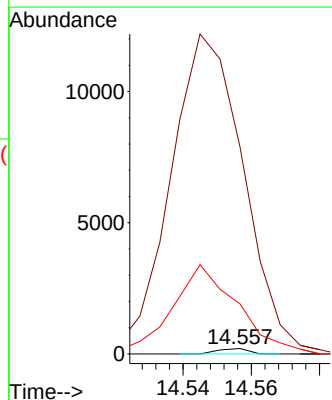
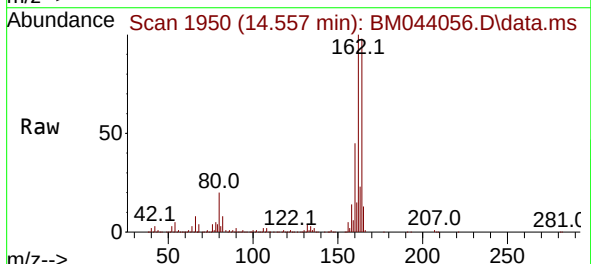
Instrument :
BNA_M
ClientSampleId :
PB158276BL

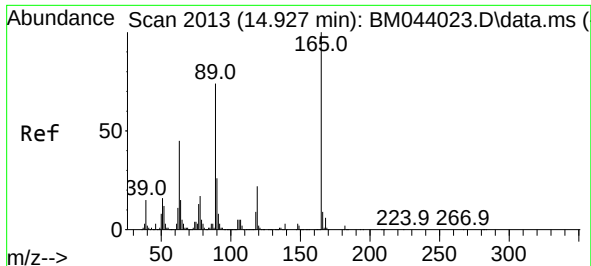
Tgt Ion:154 Resp: 3184
Ion Ratio Lower Upper
154 100
153 0.0 89.3 133.9#
152 0.0 43.0 64.6#



#53
3-Nitroaniline
Concen: 0.008 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.082 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion:138 Resp: 127
Ion Ratio Lower Upper
138 100
108 3789.9 7.6 11.4#
92 916.8 86.5 129.7#

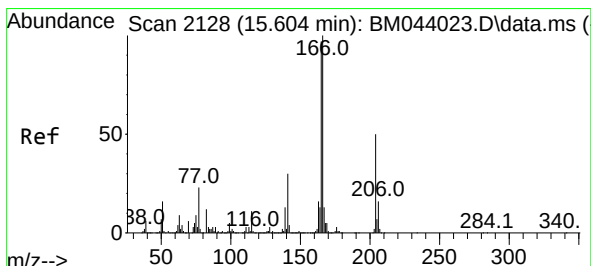
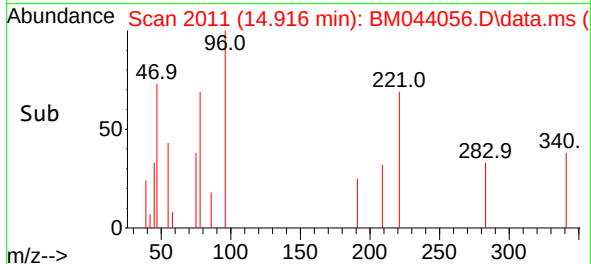
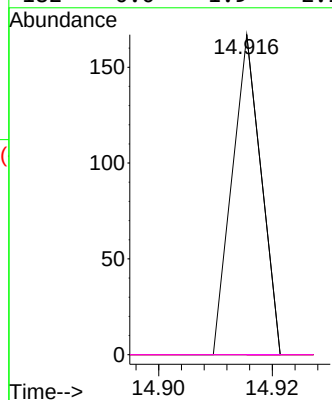
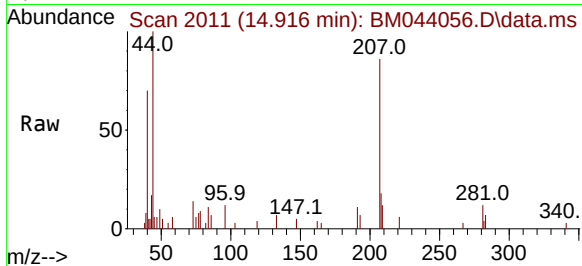




#57
2,4-Dinitrotoluene
Concen: 0.003 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

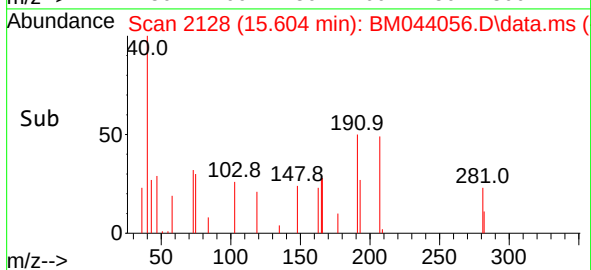
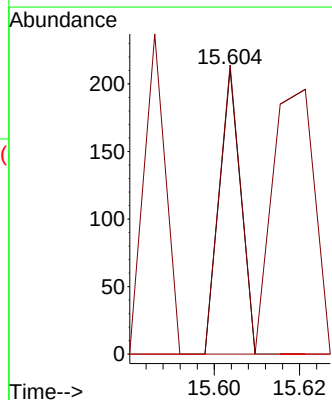
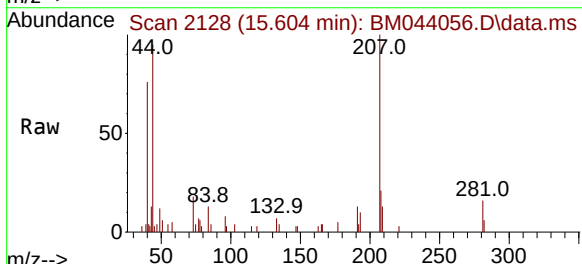
Instrument :
BNA_M
ClientSampleId :
PB158276BL

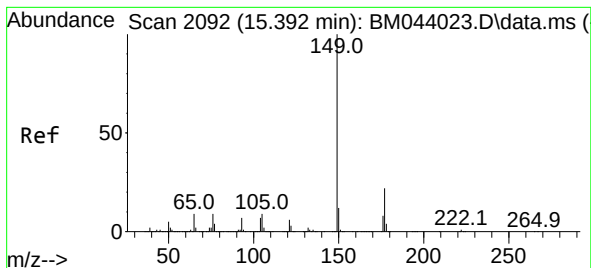
Tgt Ion:165 Resp: 59
Ion Ratio Lower Upper
165 100
63 0.0 35.9 53.9#
89 0.0 58.9 88.3#
182 0.0 1.9 2.9#



#58
Fluorene
Concen: 0.001 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion:166 Resp: 74
Ion Ratio Lower Upper
166 100
165 101.4 77.7 116.5
167 0.0 10.7 16.1#





#60

Diethylphthalate

Concen: 0.008 ng

RT: 15.380 min Scan# 2092

Delta R.T. -0.012 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

Instrument :

BNA_M

ClientSampleId :

PB158276BL

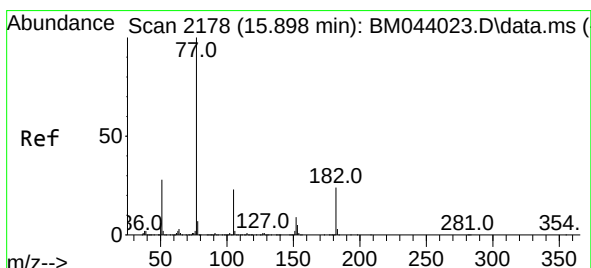
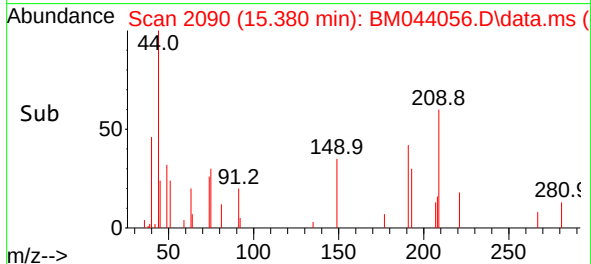
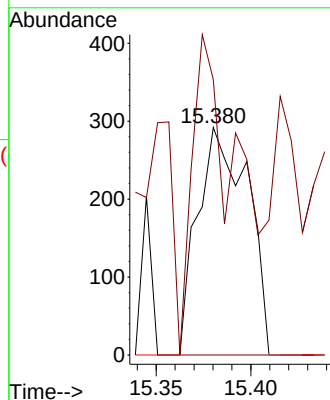
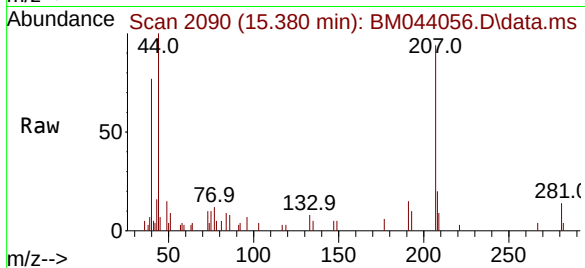
Tgt Ion:149 Resp: 537

Ion Ratio Lower Upper

149 100

177 120.9 17.5 26.3#

150 0.0 9.8 14.6#



#63

Azobenzene

Concen: 0.005 ng

RT: 15.868 min Scan# 2173

Delta R.T. -0.029 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

Tgt Ion: 77 Resp: 326

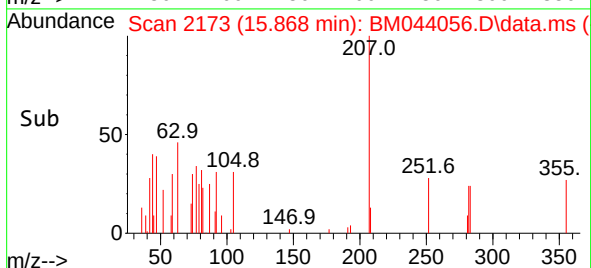
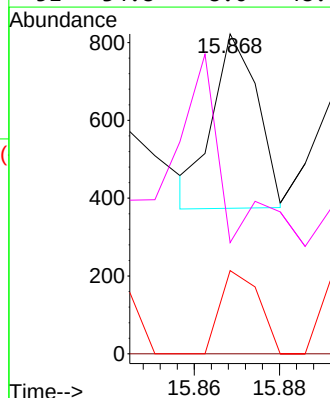
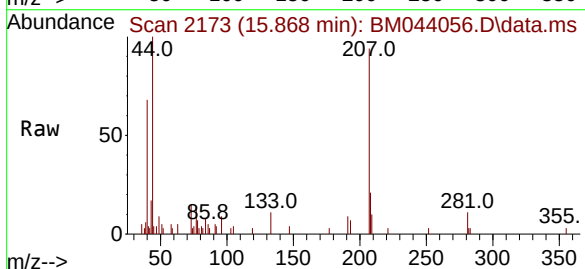
Ion Ratio Lower Upper

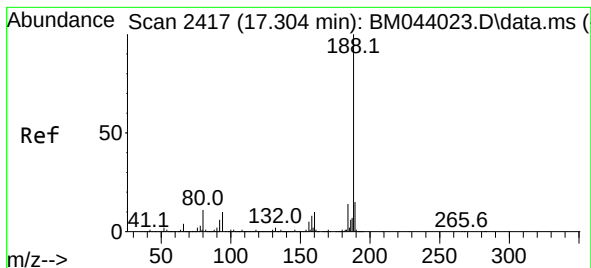
77 100

182 0.0 4.0 44.0#

105 26.0 3.3 43.3

51 34.8 8.0 48.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

Instrument :

BNA_M

ClientSampleId :

PB158276BL

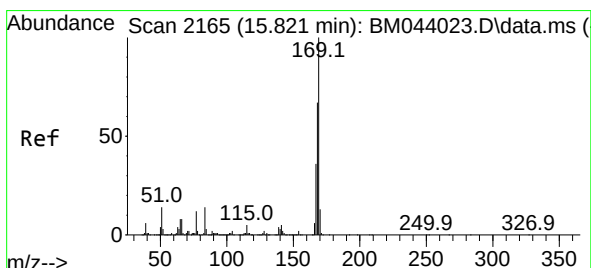
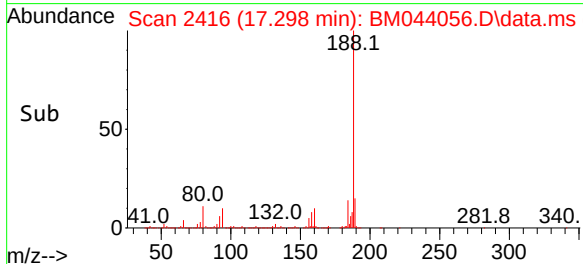
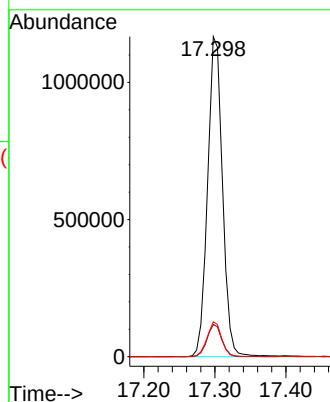
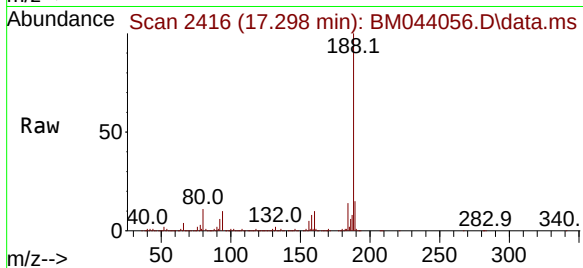
Tgt Ion:188 Resp: 1704471

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

80 10.9 8.8 13.2



#66

n-Nitrosodiphenylamine

Concen: 0.751 ng

RT: 16.039 min Scan# 2202

Delta R.T. 0.218 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

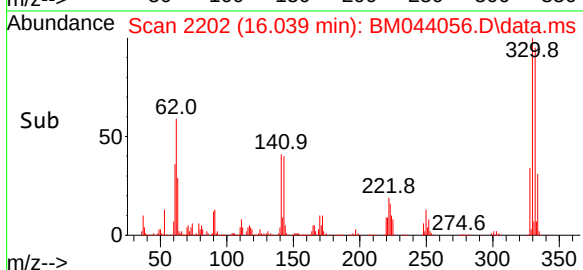
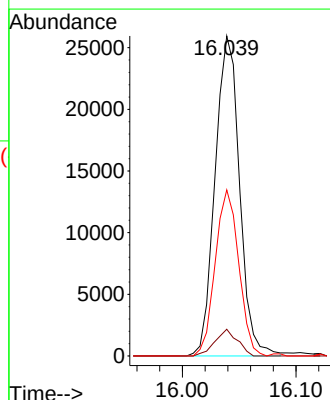
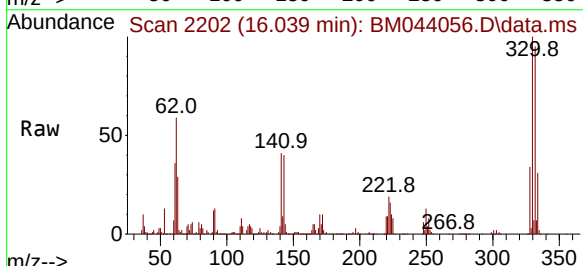
Tgt Ion:169 Resp: 38865

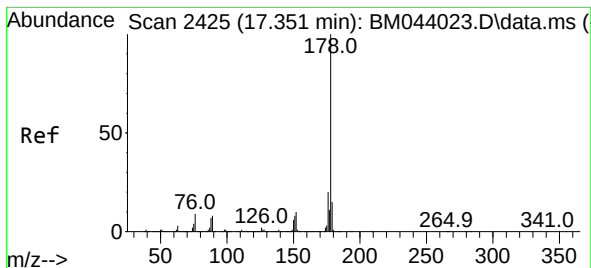
Ion Ratio Lower Upper

169 100

168 8.4 53.8 80.8#

167 51.9 29.2 43.8#





#71

Phenanthrene

Concen: 0.006 ng

RT: 17.339 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

Instrument :

BNA_M

ClientSampleId :

PB158276BL

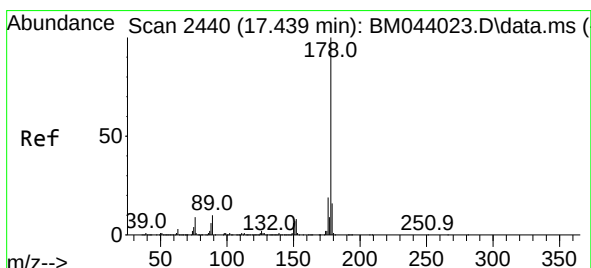
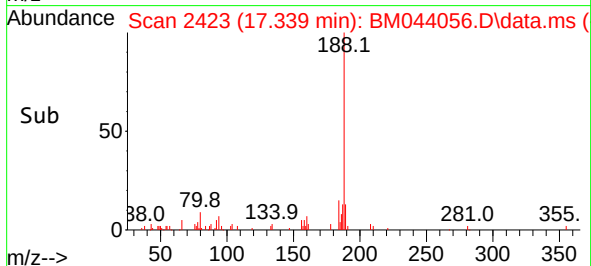
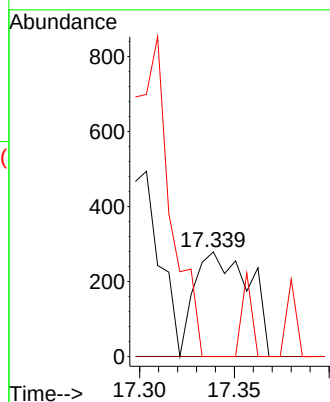
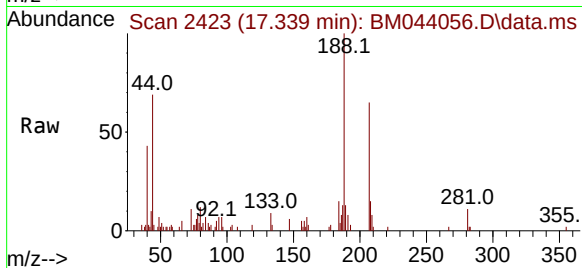
Tgt Ion:178 Resp: 558

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

179 0.0 12.2 18.4#



#72

Anthracene

Concen: 0.001 ng

RT: 17.439 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

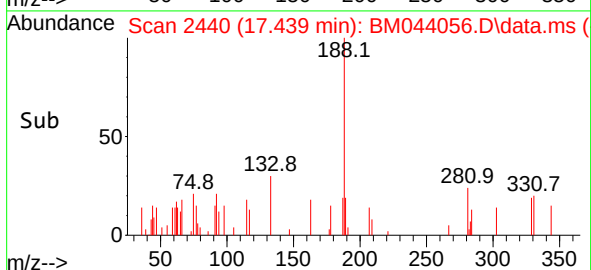
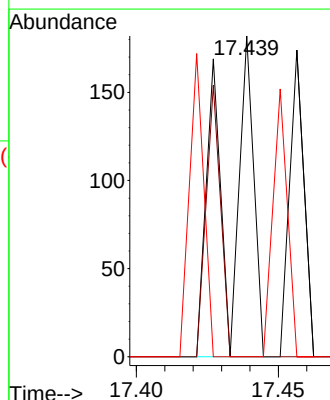
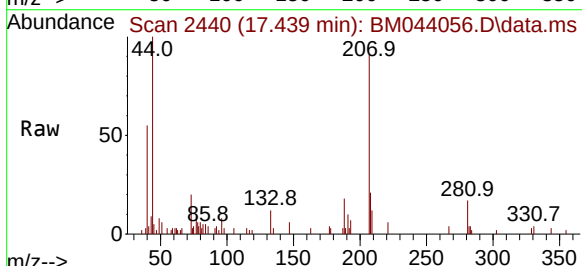
Tgt Ion:178 Resp: 124

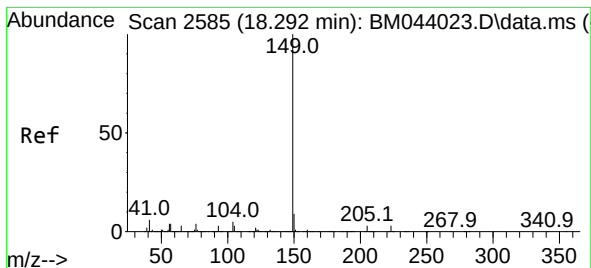
Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

179 0.0 12.4 18.6#





#74

Di-n-butylphthalate

Concen: 0.007 ng

RT: 18.292 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

Instrument :

BNA_M

ClientSampleId :

PB158276BL

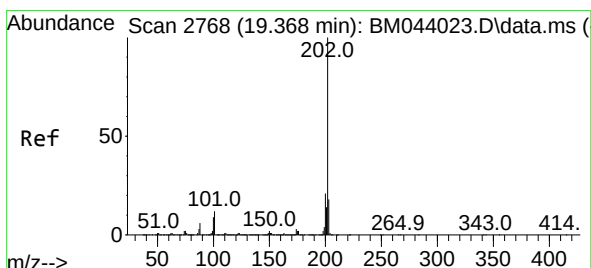
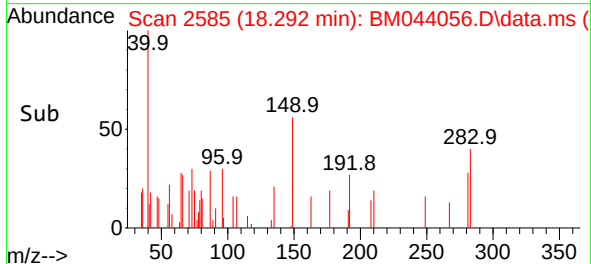
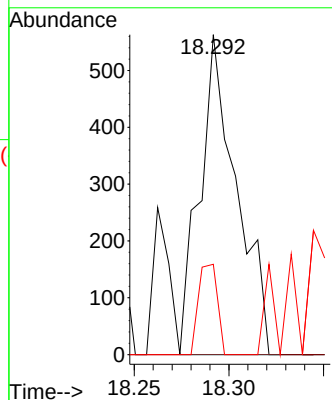
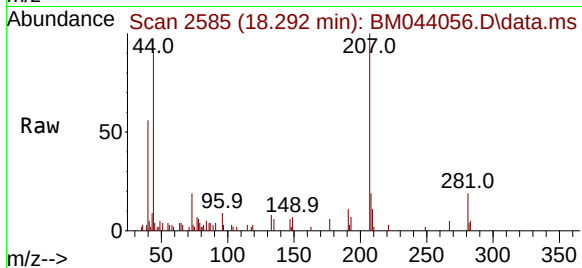
Tgt Ion:149 Resp: 762

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

104 28.2 3.8 5.6#



#75

Fluoranthene

Concen: 0.003 ng

RT: 19.368 min Scan# 2768

Delta R.T. 0.000 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

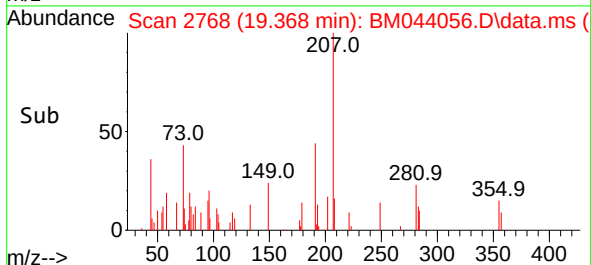
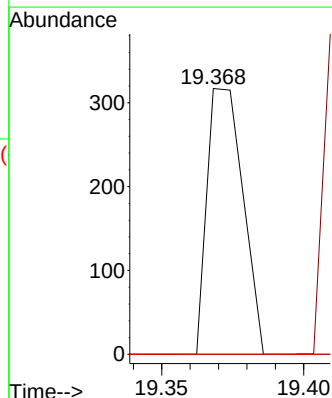
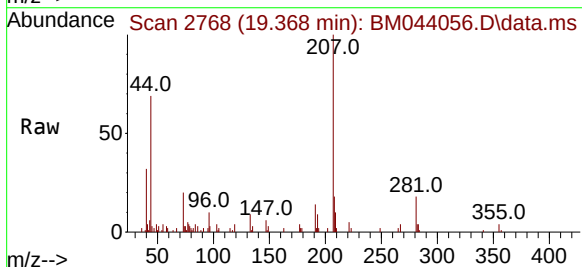
Tgt Ion:202 Resp: 278

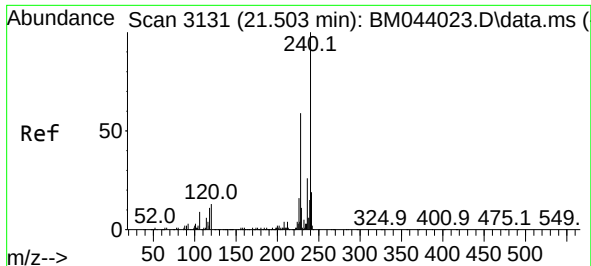
Ion Ratio Lower Upper

202 100

101 0.0 0.0 32.4

203 0.0 0.0 37.8

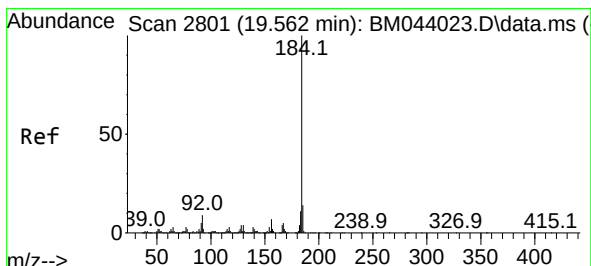
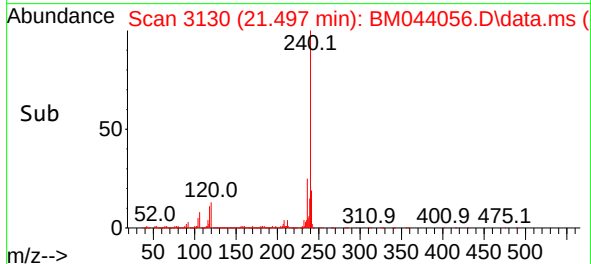
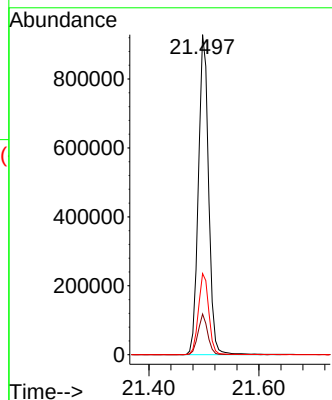
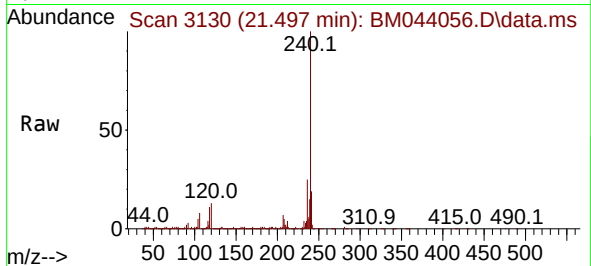




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

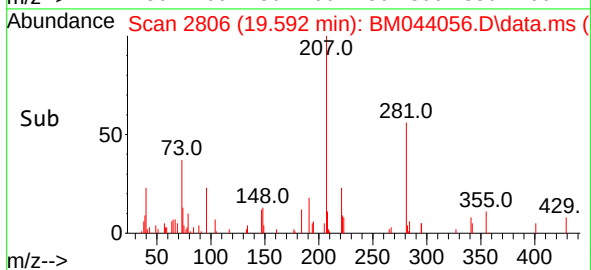
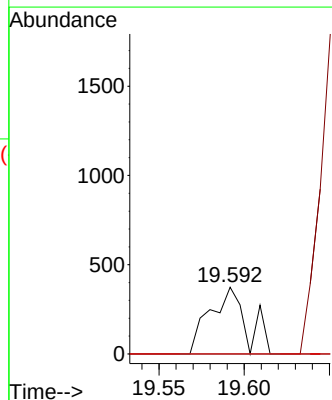
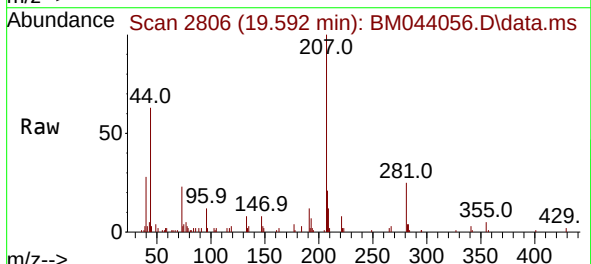
Instrument :
BNA_M
ClientSampleId :
PB158276BL

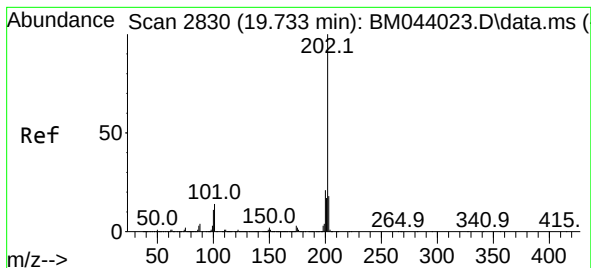
Tgt Ion:240 Resp: 1201213
Ion Ratio Lower Upper
240 100
120 12.7 10.1 15.1
236 25.3 20.6 31.0



#77
Benzidine
Concen: 0.030 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.029 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion:184 Resp: 565
Ion Ratio Lower Upper
184 100
185 0.0 11.0 16.6#
183 0.0 9.0 13.4#





#78

Pyrene

Concen: 0.198 ng

RT: 19.939 min Scan# 2865

Delta R.T. 0.206 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

Instrument :

BNA_M

ClientSampleId :

PB158276BL

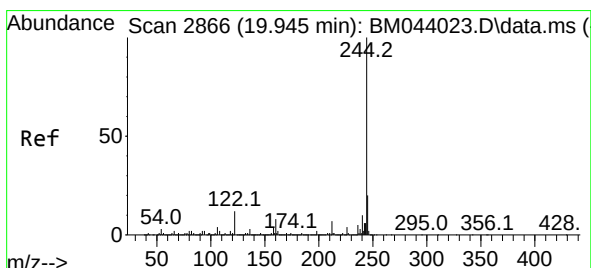
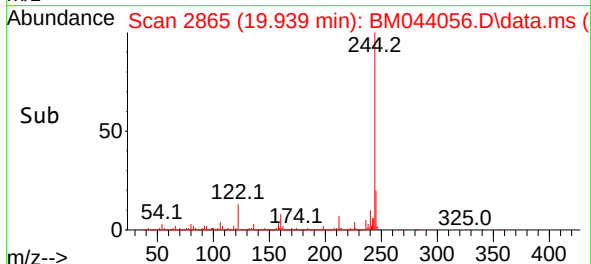
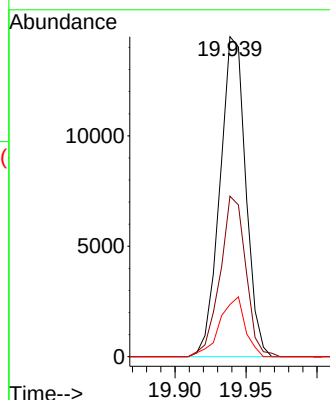
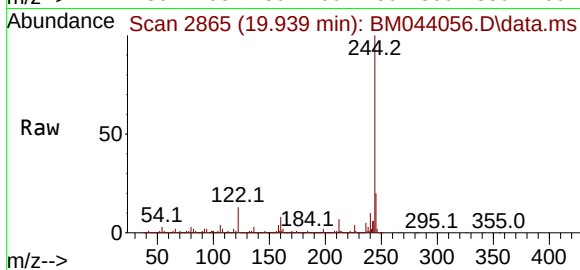
Tgt Ion:202 Resp: 18289

Ion Ratio Lower Upper

202 100

200 50.2 16.8 25.2#

203 16.3 14.0 21.0



#79

Terphenyl-d14

Concen: 89.612 ng

RT: 19.939 min Scan# 2865

Delta R.T. -0.006 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

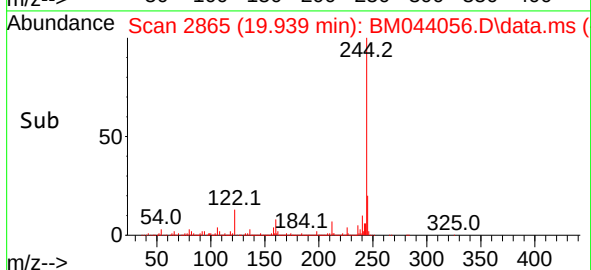
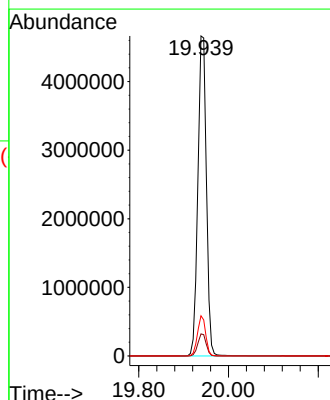
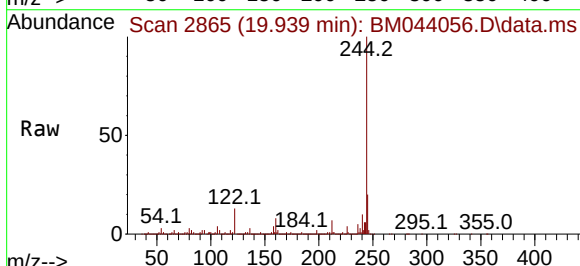
Tgt Ion:244 Resp: 6140390

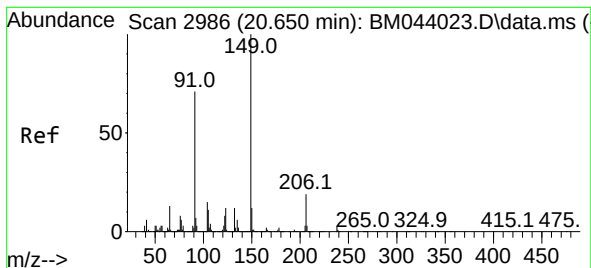
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 12.6 9.5 14.3





#80

Butylbenzylphthalate

Concen: 0.010 ng

RT: 20.633 min Scan# 2986

Delta R.T. -0.018 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

Instrument :

BNA_M

ClientSampleId :

PB158276BL

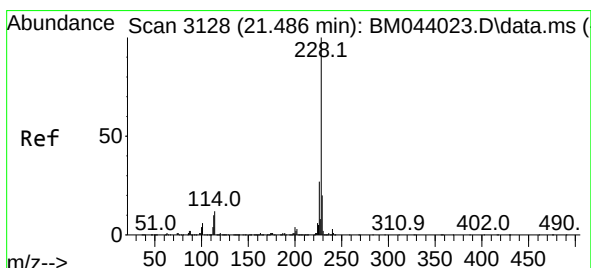
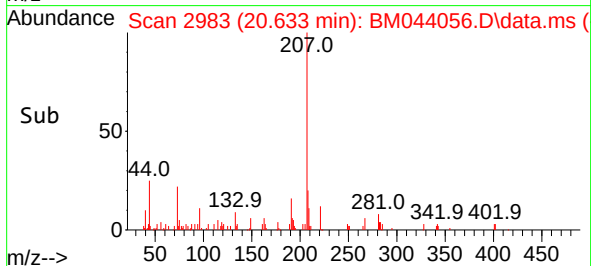
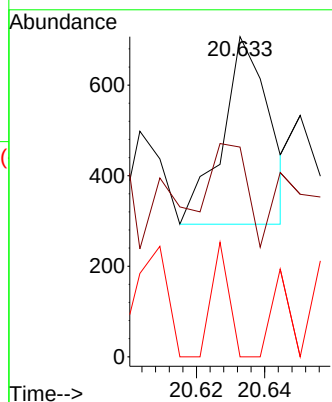
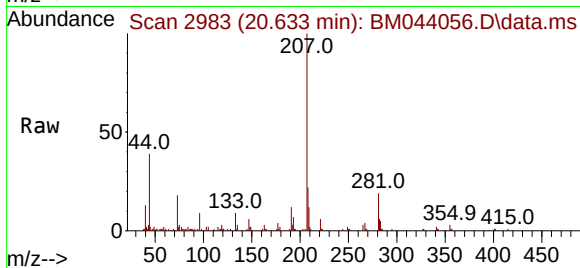
Tgt Ion:149 Resp: 397

Ion Ratio Lower Upper

149 100

91 65.5 56.8 85.2

206 0.0 15.0 22.6#



#81

Benzo(a)anthracene

Concen: 0.040 ng

RT: 21.497 min Scan# 3130

Delta R.T. 0.012 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

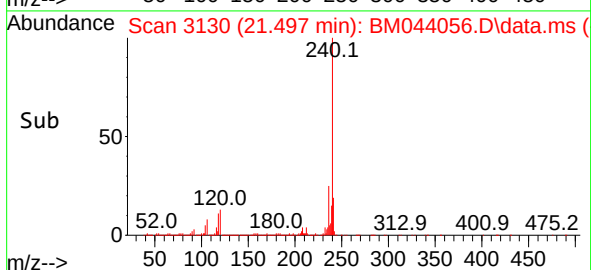
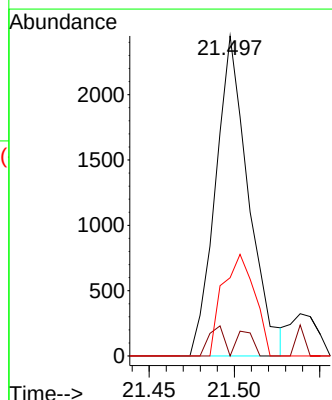
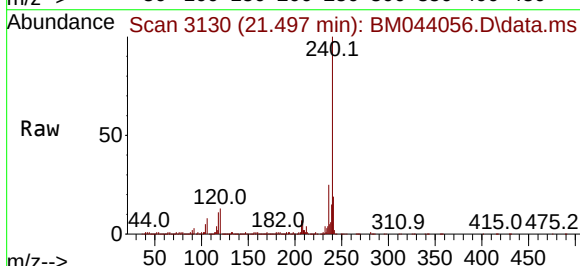
Tgt Ion:228 Resp: 3303

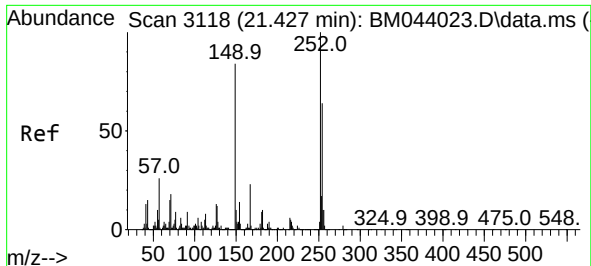
Ion Ratio Lower Upper

228 100

226 0.0 21.4 32.2#

229 24.5 15.9 23.9#

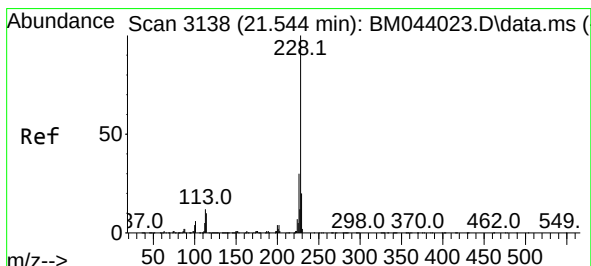
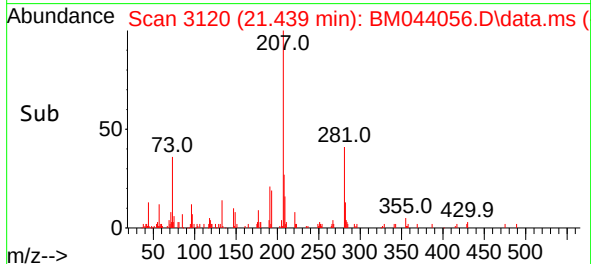
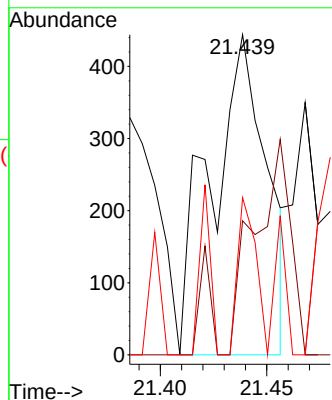
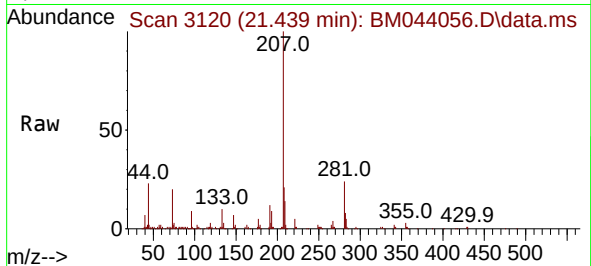




#82
3,3'-Dichlorobenzidine
Concen: 0.029 ng
RT: 21.439 min Scan# 3118
Delta R.T. 0.012 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

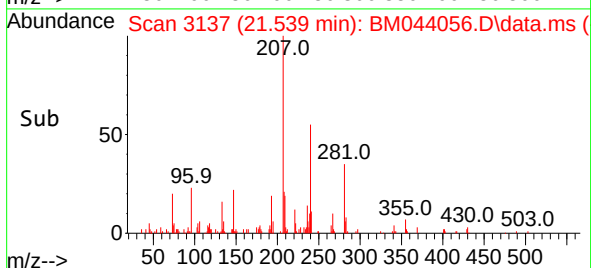
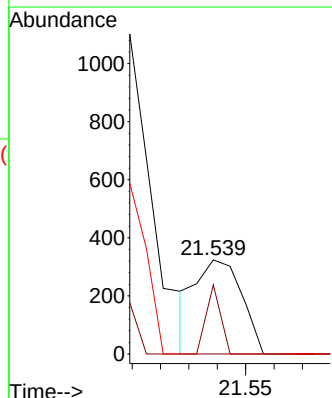
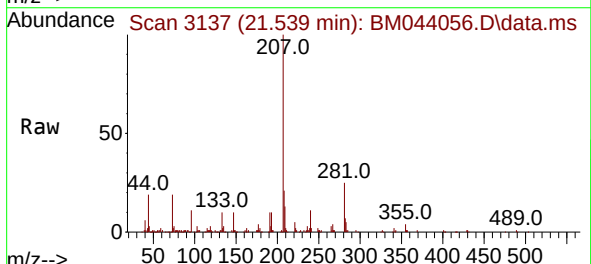
Instrument :
BNA_M
ClientSampleId :
PB158276BL

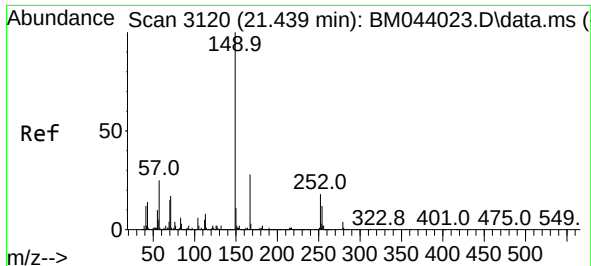
Tgt Ion:252 Resp: 808
Ion Ratio Lower Upper
252 100
254 41.9 51.2 76.8#
126 49.1 10.2 15.4#



#83
Chrysene
Concen: 0.005 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion:228 Resp: 364
Ion Ratio Lower Upper
228 100
226 73.5 24.2 36.2#
229 0.0 15.8 23.8#

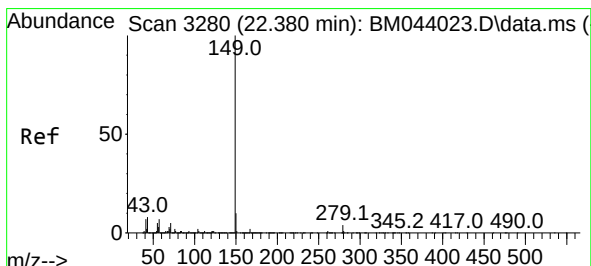
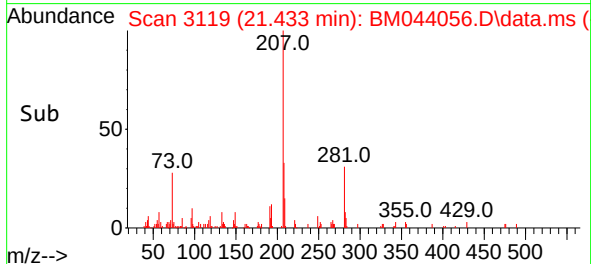
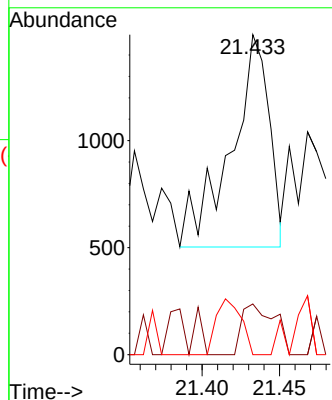
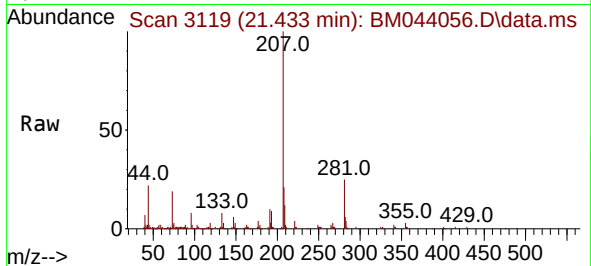




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.028 ng
 RT: 21.433 min Scan# 3119
 Delta R.T. -0.006 min
 Lab File: BM044056.D
 Acq: 12 Feb 2024 14:41

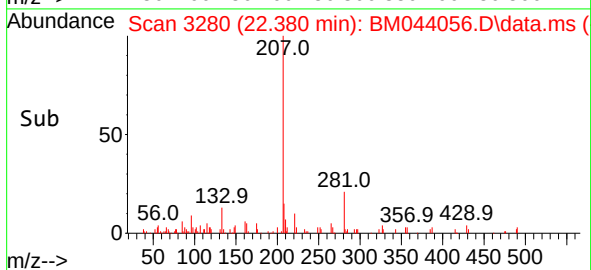
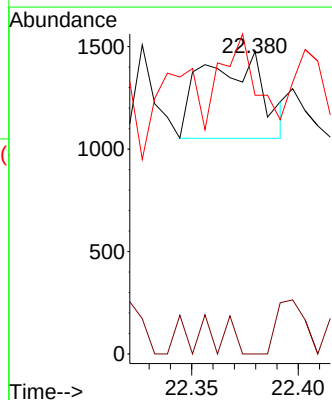
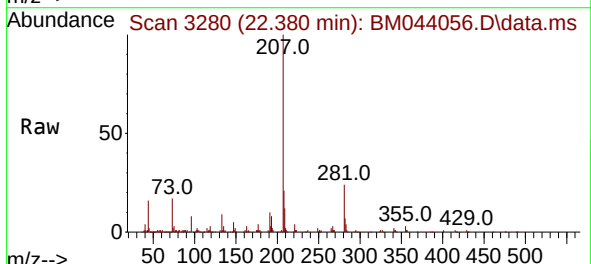
Instrument :
 BNA_M
 ClientSampleId :
 PB158276BL

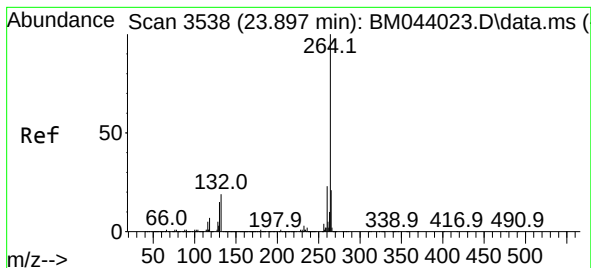
Tgt Ion:149 Resp: 1715
 Ion Ratio Lower Upper
 149 100
 167 15.9 22.6 33.8#
 279 0.0 3.1 4.7#



#85
 Di-n-octyl phthalate
 Concen: 0.008 ng
 RT: 22.380 min Scan# 3280
 Delta R.T. 0.000 min
 Lab File: BM044056.D
 Acq: 12 Feb 2024 14:41

Tgt Ion:149 Resp: 811
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 64.6 7.0 10.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.891 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

Instrument :

BNA_M

ClientSampleId :

PB158276BL

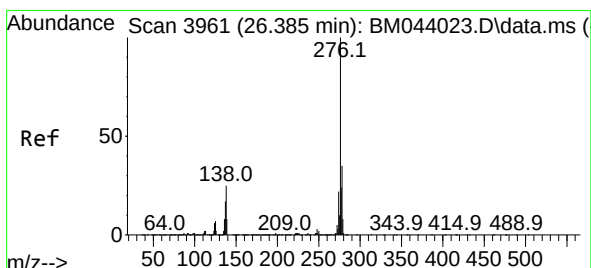
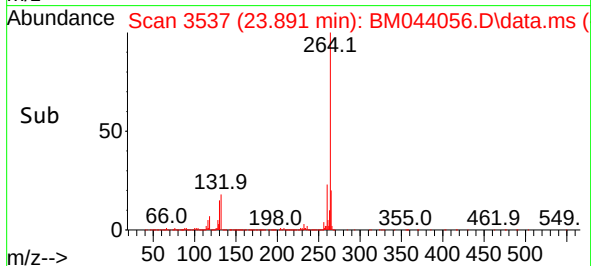
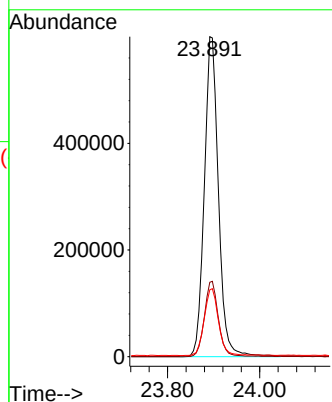
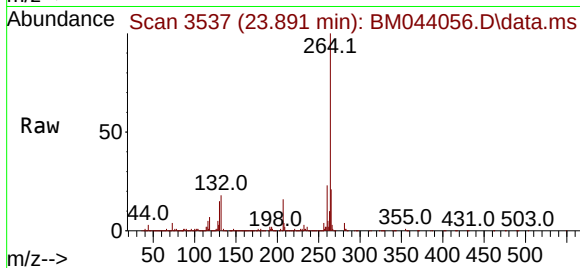
Tgt Ion:264 Resp: 1284267

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 20.9 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 0.008 ng

RT: 26.397 min Scan# 3963

Delta R.T. 0.012 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

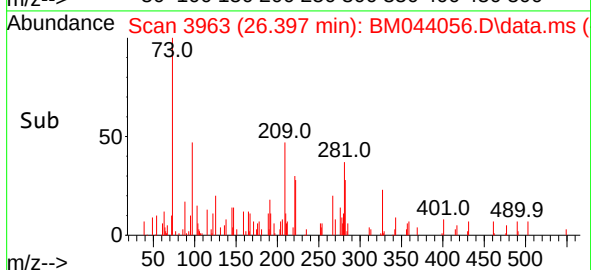
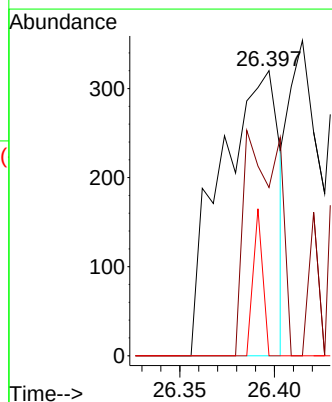
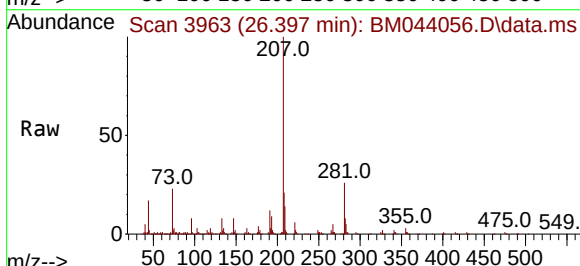
Tgt Ion:276 Resp: 687

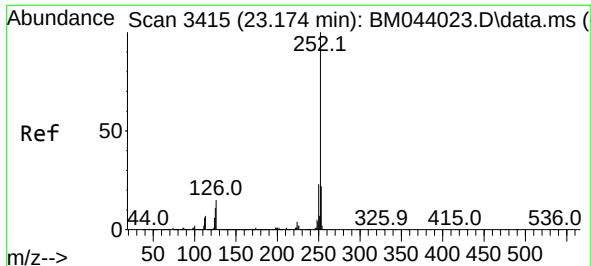
Ion Ratio Lower Upper

276 100

138 46.3 22.6 34.0#

277 8.4 20.2 30.2#

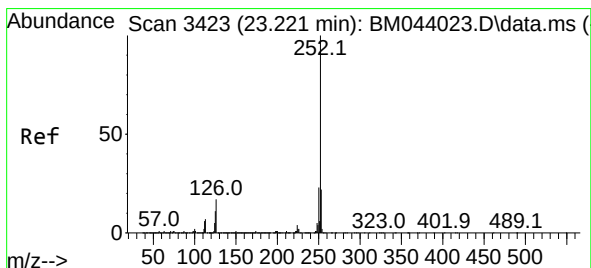
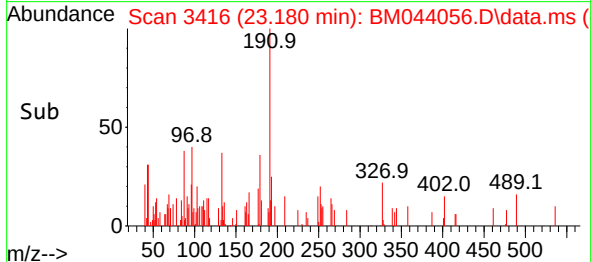
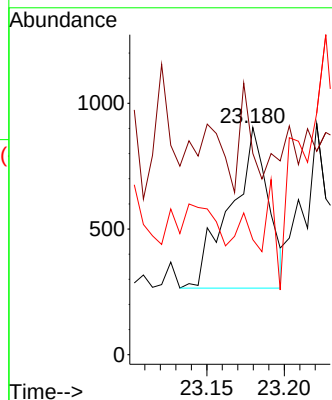
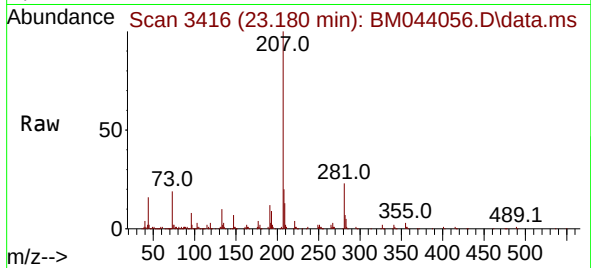




#88
Benzo(b)fluoranthene
Concen: 0.013 ng
RT: 23.180 min Scan# 3415
Delta R.T. 0.006 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

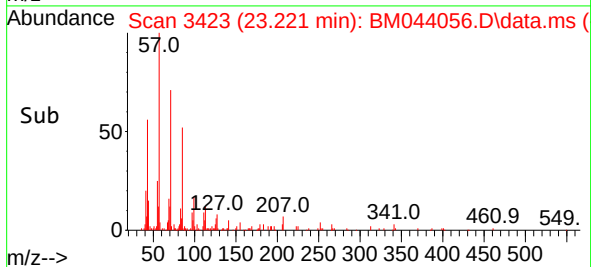
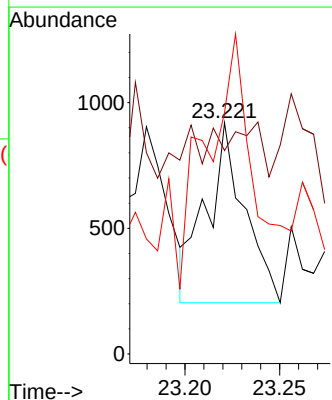
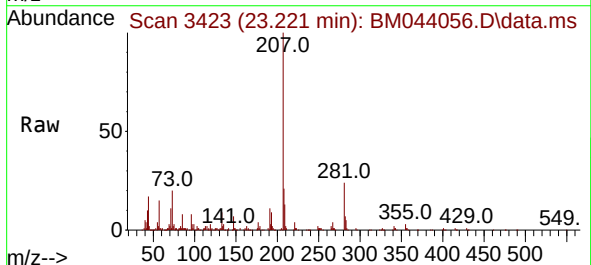
Instrument :
BNA_M
ClientSampleId :
PB158276BL

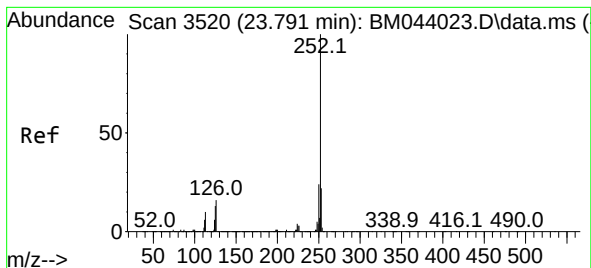
Tgt Ion:252 Resp: 1078
Ion Ratio Lower Upper
252 100
253 88.6 17.6 26.4#
125 50.7 8.8 13.2#



#89
Benzo(k)fluoranthene
Concen: 0.013 ng
RT: 23.221 min Scan# 3423
Delta R.T. 0.000 min
Lab File: BM044056.D
Acq: 12 Feb 2024 14:41

Tgt Ion:252 Resp: 999
Ion Ratio Lower Upper
252 100
253 87.9 17.7 26.5#
125 104.3 9.0 13.4#





#90

Benzo(a)pyrene

Concen: 0.006 ng

RT: 23.780 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

Instrument :

BNA_M

ClientSampleId :

PB158276BL

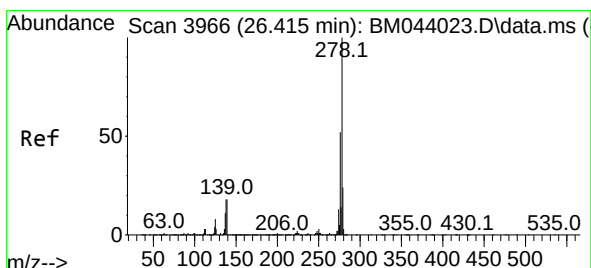
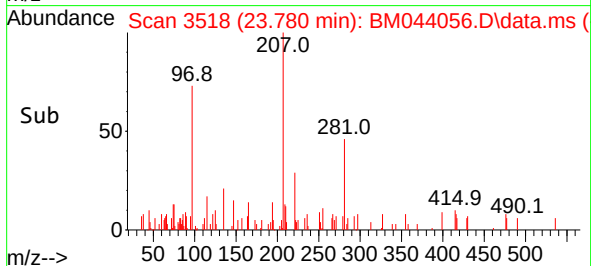
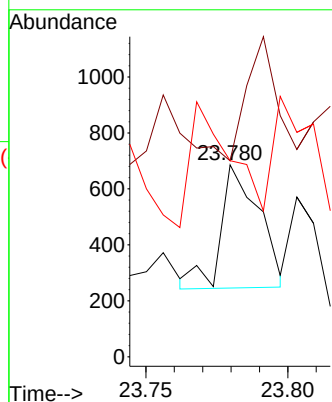
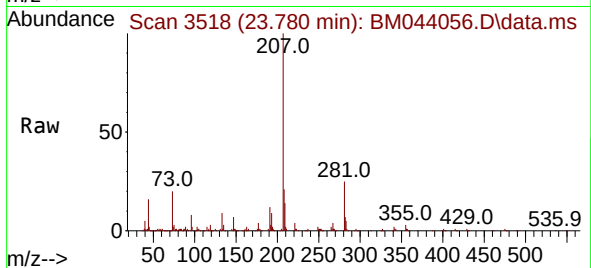
Tgt Ion:252 Resp: 412

Ion Ratio Lower Upper

252 100

253 102.0 17.7 26.5#

125 102.2 10.1 15.1#



#91

Dibenzo(a,h)anthracene

Concen: 0.009 ng

RT: 26.432 min Scan# 3969

Delta R.T. 0.018 min

Lab File: BM044056.D

Acq: 12 Feb 2024 14:41

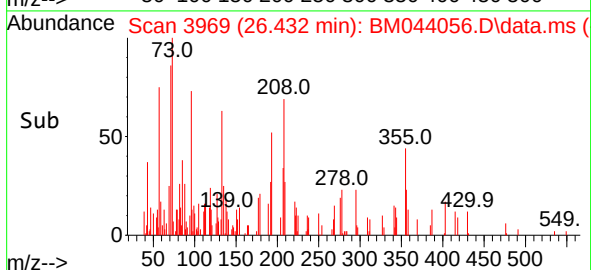
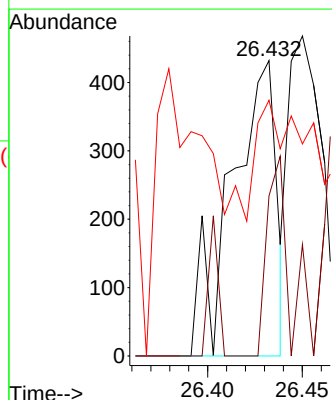
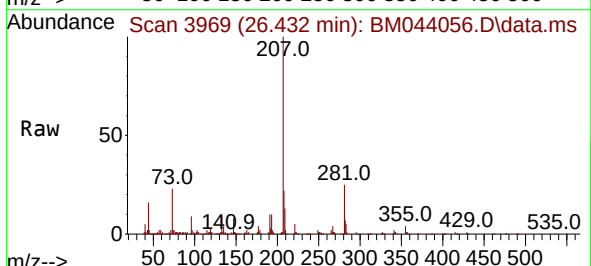
Tgt Ion:278 Resp: 712

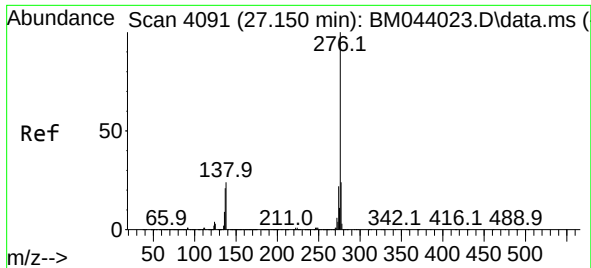
Ion Ratio Lower Upper

278 100

139 54.2 14.5 21.7#

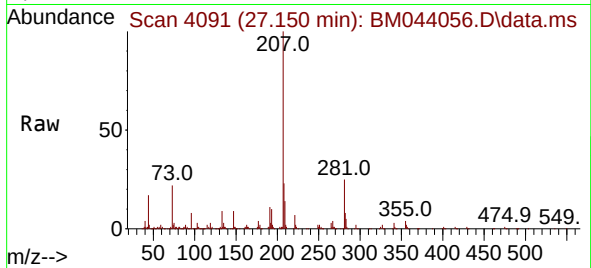
279 86.6 18.9 28.3#





#92
 Benzo(g,h,i)perylene
 Concen: 0.006 ng
 RT: 27.150 min Scan# 4091
 Delta R.T. 0.000 min
 Lab File: BM044056.D
 Acq: 12 Feb 2024 14:41

Instrument :
 BNA_M
 ClientSampleId :
 PB158276BL



Tgt Ion:	276	Resp:	485
Ion Ratio	Lower	Upper	
276	100		
277	0.0	19.0	28.4#
138	55.4	19.1	28.7#

