

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021324\
 Data File : BM044069.D
 Acq On : 13 Feb 2024 15:42
 Operator : MA/JU
 Sample : PB158578BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158578BL

Quant Time: Feb 13 17:42:48 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	456195	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1869095	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1047217	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2051757	20.000	ng	0.00
76) Chrysene-d12	21.498	240	1469754	20.000	ng	0.00
86) Perylene-d12	23.897	264	1529106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4120495	131.369	ng	0.00
7) Phenol-d6	7.075	99	5098134	127.746	ng	0.00
23) Nitrobenzene-d5	9.075	82	3031135	86.054	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1341617	118.324	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	6037280	81.364	ng	0.00
79) Terphenyl-d14	19.945	244	7359366	87.778	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.487	88	1077	0.087	ng	# 23
3) Pyridine	3.775	79	268	0.008	ng	# 1
4) n-Nitrosodimethylamine	3.663	42	588	0.047	ng	# 1
6) Aniline	7.228	93	812	0.021	ng	# 35
8) 2-Chlorophenol	7.481	128	56	0.002	ng	# 35
9) Benzaldehyde	7.075	77	8496	0.414	ng	# 5
10) Phenol	7.069	94	678	0.017	ng	# 1
11) bis(2-Chloroethyl)ether	7.334	93	313	0.009	ng	# 81
15) Benzyl Alcohol	8.157	79	412	0.016	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.445	45	312	0.007	ng	# 1
17) 2-Methylphenol	8.151	107	79	0.003	ng	# 1
18) Hexachloroethane	8.998	117	54	0.004	ng	# 18
19) n-Nitroso-di-n-propyla...	8.704	70	53	0.002	ng	# 1
22) Acetophenone	8.728	105	181	0.004	ng	# 1
24) Nitrobenzene	9.075	77	9761	0.271	ng	# 35
25) Isophorone	9.663	82	538	0.008	ng	# 65
27) 2,4-Dimethylphenol	9.992	122	63	0.003	ng	# 5
28) bis(2-Chloroethoxy)met...	10.139	93	53	0.001	ng	# 49
31) Naphthalene	10.751	128	142	0.001	ng	# 69
32) Benzoic acid	9.992	122	63	0.003	ng	# 1
33) 4-Chloroaniline	10.904	127	57	0.001	ng	# 47
36) 4-Chloro-3-methylphenol	12.022	107	68	0.002	ng	# 18
46) 1,1'-Biphenyl	13.175	154	12379	0.150	ng	# 1
47) 2-Chloronaphthalene	13.433	162	58	0.001	ng	# 39
48) 2-Nitroaniline	13.645	65	72	0.004	ng	# 1
49) Acenaphthylene	14.275	152	260	0.003	ng	# 61
50) Dimethylphthalate	14.016	163	449	0.006	ng	# 43
51) 2,6-Dinitrotoluene	14.180	165	61	0.004	ng	# 24
52) Acenaphthene	14.604	154	116	0.002	ng	# 5
53) 3-Nitroaniline	14.545	138	112	0.006	ng	# 1
55) Dibenzofuran	14.951	168	142	0.002	ng	# 46
56) 4-Nitrophenol	14.839	139	67	0.004	ng	# 11
57) 2,4-Dinitrotoluene	14.916	165	59	0.003	ng	# 21
58) Fluorene	15.604	166	60	0.001	ng	# 77
60) Diethylphthalate	15.380	149	699	0.009	ng	# 34
63) Azobenzene	15.892	77	548	0.007	ng	# 49

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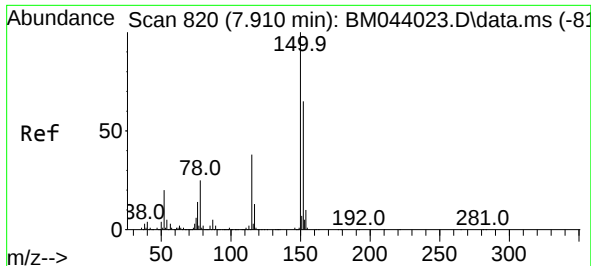
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) n-Nitrosodiphenylamine	16.039	169	47552	0.763	ng	# 44
67) 4-Bromophenyl-phenylether	16.216	248	63	0.003	ng	# 1
70) Pentachlorophenol	16.951	266	64	0.004	ng	# 21
71) Phenanthrene	17.345	178	688	0.006	ng	# 60
72) Anthracene	17.439	178	460	0.004	ng	# 60
73) Carbazole	17.715	167	491	0.005	ng	# 60
74) Di-n-butylphthalate	18.292	149	1360	0.010	ng	# 78
75) Fluoranthene	19.368	202	398	0.003	ng	# 63
77) Benzidine	19.568	184	2343	0.103	ng	# 71
78) Pyrene	19.945	202	23324	0.206	ng	# 73
80) Butylbenzylphthalate	20.627	149	184	0.004	ng	# 69
81) Benzo(a)anthracene	21.503	228	4304	0.042	ng	# 77
82) 3,3'-Dichlorobenzidine	21.427	252	526	0.016	ng	# 74
83) Chrysene	21.527	228	884	0.009	ng	# 61
84) Bis(2-ethylhexyl)phtha...	21.433	149	1623	0.022	ng	# 82
85) Di-n-octyl phthalate	22.356	149	634	0.005	ng	# 63
87) Indeno(1,2,3-cd)pyrene	26.380	276	708	0.007	ng	# 47
88) Benzo(b)fluoranthene	23.174	252	1334	0.014	ng	# 1
89) Benzo(k)fluoranthene	23.209	252	1194	0.013	ng	# 1
90) Benzo(a)pyrene	23.797	252	1745	0.021	ng	# 1
91) Dibenzo(a,h)anthracene	26.421	278	898	0.010	ng	# 1
92) Benzo(g,h,i)perylene	27.138	276	1422	0.015	ng	# 43

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

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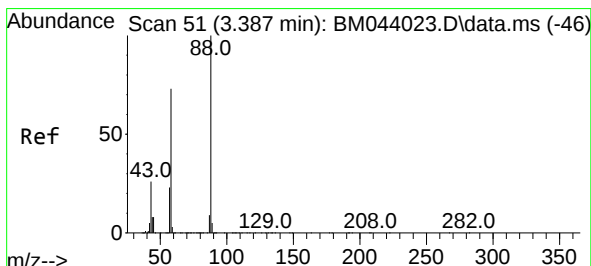
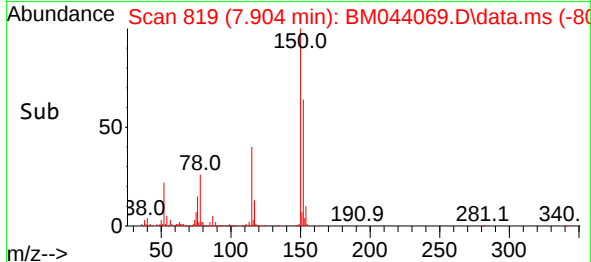
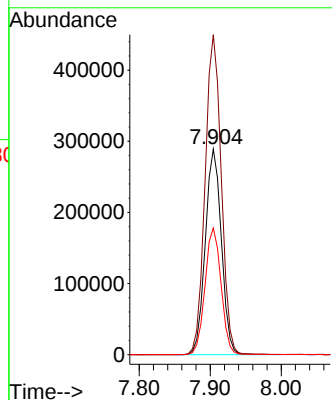
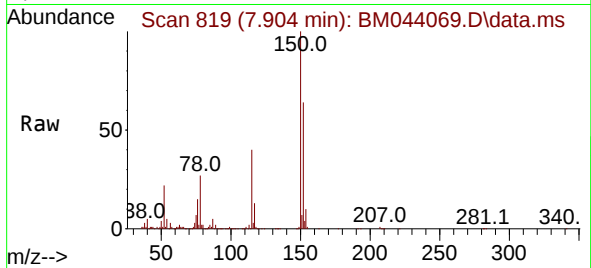




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM044069.D
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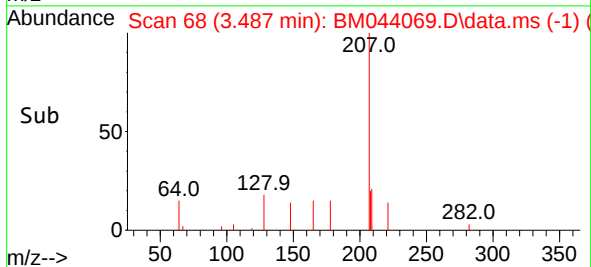
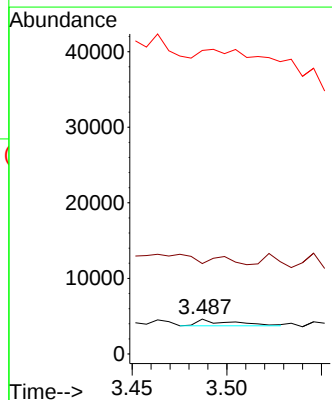
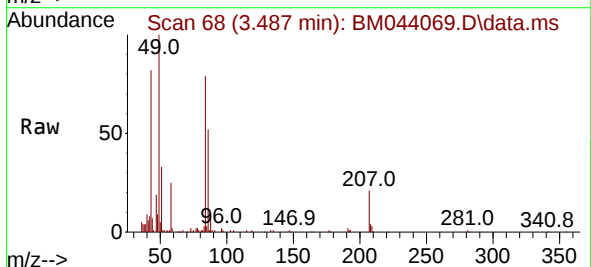
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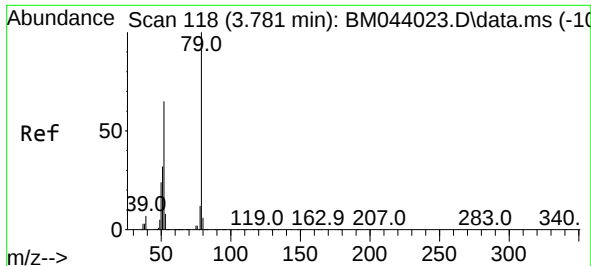
Tgt Ion:152 Resp: 456195
 Ion Ratio Lower Upper
 152 100
 150 155.6 122.7 184.1
 115 61.6 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.087 ng
 RT: 3.487 min Scan# 68
 Delta R.T. 0.100 min
 Lab File: BM044069.D
 Acq: 13 Feb 2024 15:42

Tgt Ion: 88 Resp: 1077
 Ion Ratio Lower Upper
 88 100
 58 0.0 58.1 87.1#
 43 0.0 21.1 31.7#

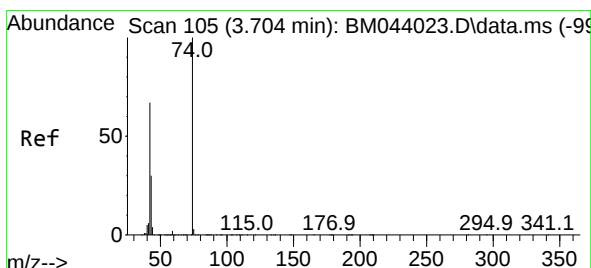
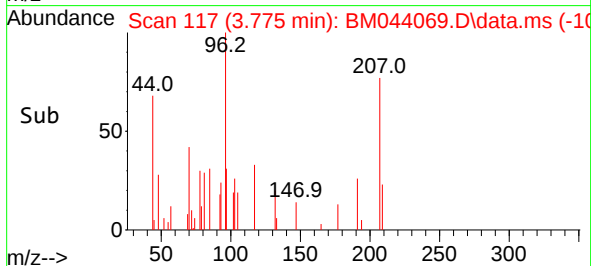
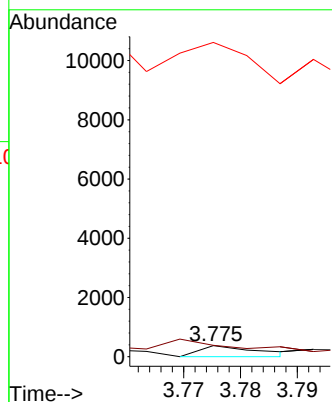
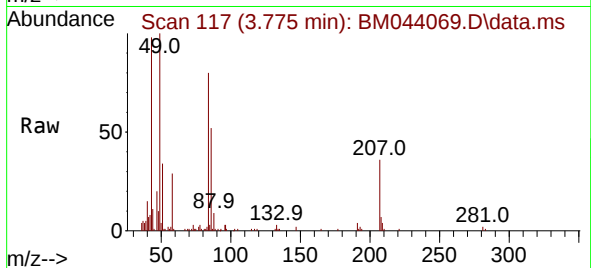




#3
 Pyridine
 Concen: 0.008 ng
 RT: 3.775 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM044069.D
 Acq: 13 Feb 2024 15:42

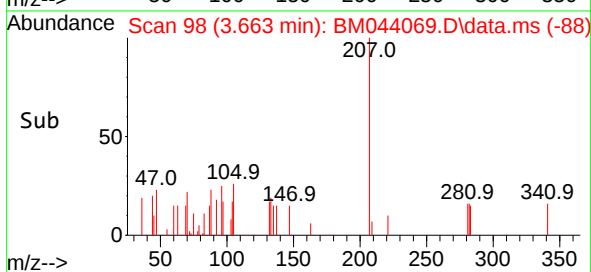
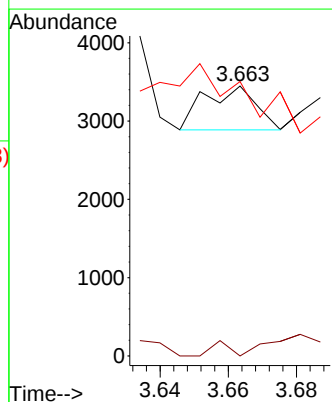
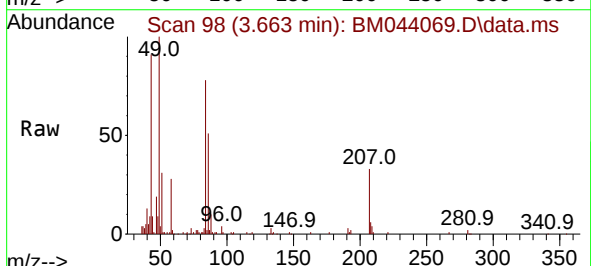
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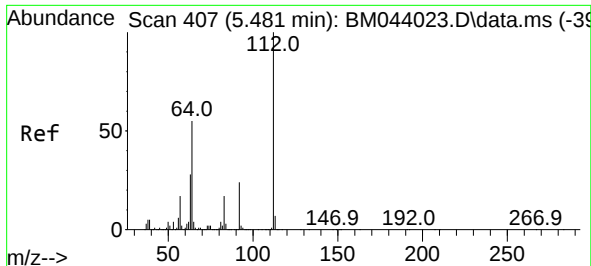
Tgt Ion: 79 Resp: 268
 Ion Ratio Lower Upper
 79 100
 52 102.7 52.2 78.2#
 51 2852.4 26.2 39.4#



#4
 n-Nitrosodimethylamine
 Concen: 0.047 ng
 RT: 3.663 min Scan# 98
 Delta R.T. -0.041 min
 Lab File: BM044069.D
 Acq: 13 Feb 2024 15:42

Tgt Ion: 42 Resp: 588
 Ion Ratio Lower Upper
 42 100
 74 0.0 118.6 178.0#
 44 101.7 5.6 8.4#

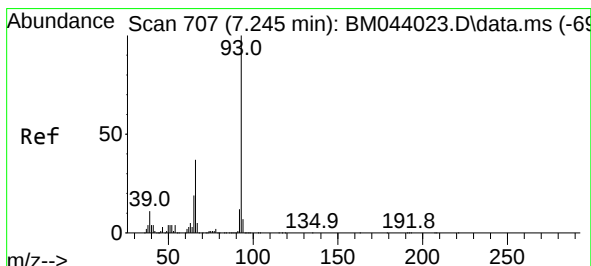
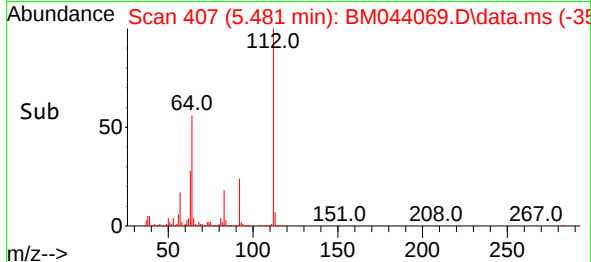
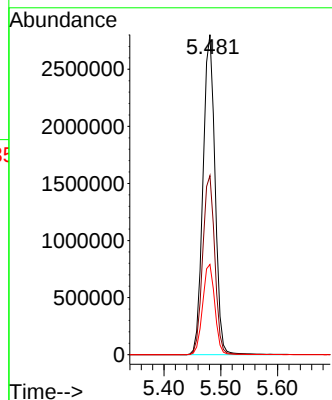
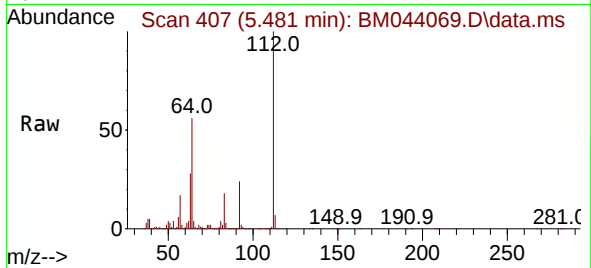




#5
2-Fluorophenol
Concen: 131.369 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

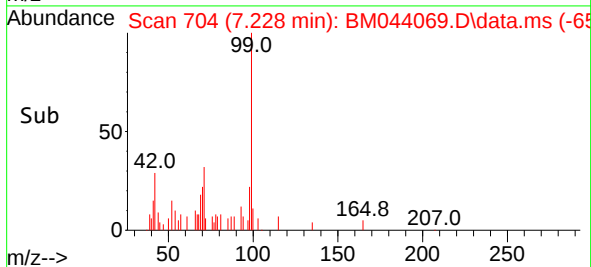
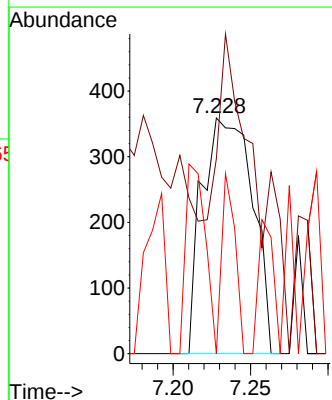
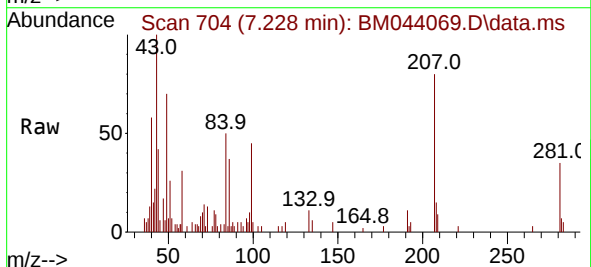
Instrument :
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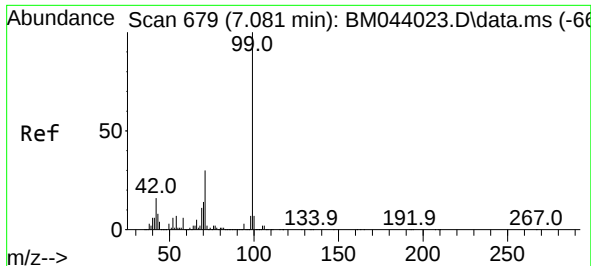
Tgt Ion:112 Resp: 4120495
Ion Ratio Lower Upper
112 100
64 56.0 44.2 66.4
63 28.2 22.6 34.0



#6
Aniline
Concen: 0.021 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.017 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion: 93 Resp: 812
Ion Ratio Lower Upper
93 100
66 82.7 29.4 44.0#
65 0.0 15.2 22.8#

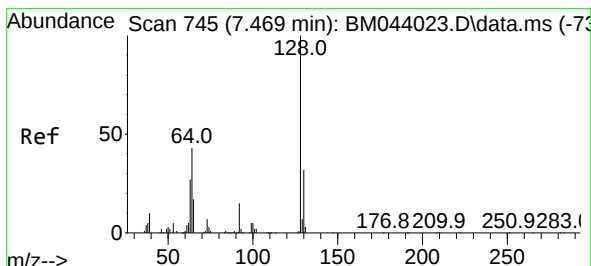
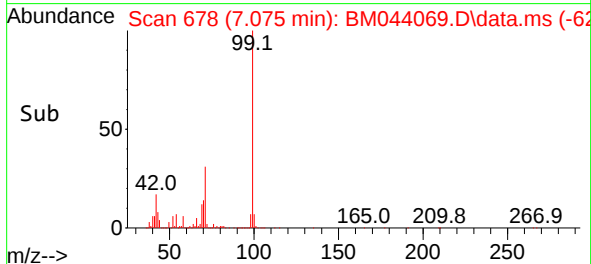
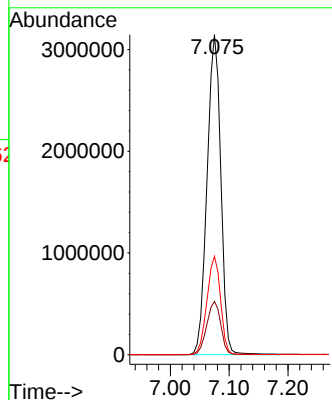
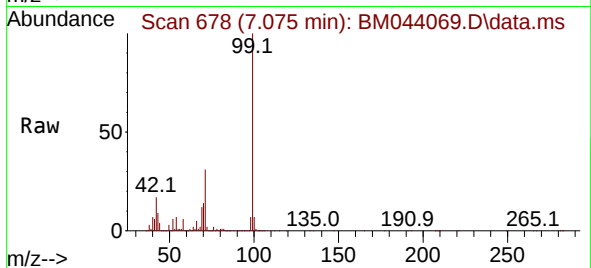




#7
Phenol-d6
Concen: 127.746 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

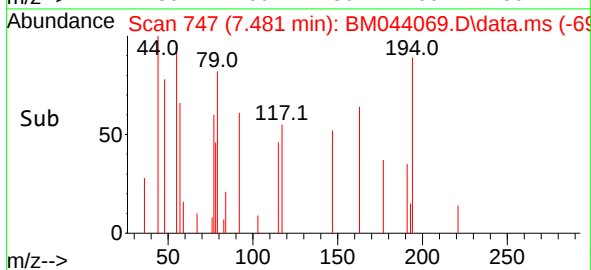
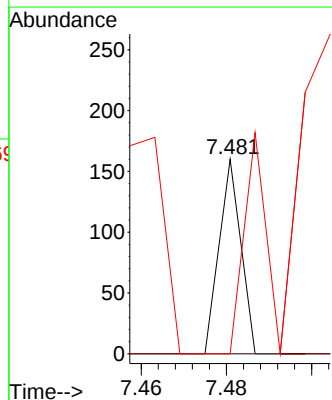
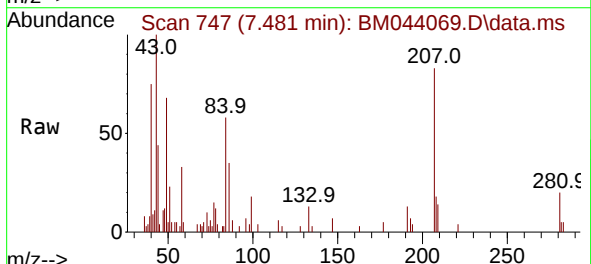
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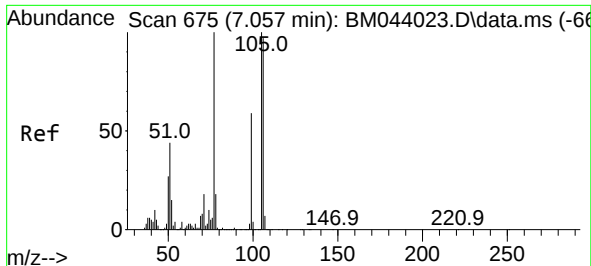
Tgt Ion: 99 Resp: 5098134
Ion Ratio Lower Upper
99 100
42 16.6 12.9 19.3
71 30.7 23.9 35.9



#8
2-Chlorophenol
Concen: 0.002 ng
RT: 7.481 min Scan# 747
Delta R.T. 0.012 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion: 128 Resp: 56
Ion Ratio Lower Upper
128 100
130 0.0 12.1 52.1#
64 0.0 26.0 66.0#

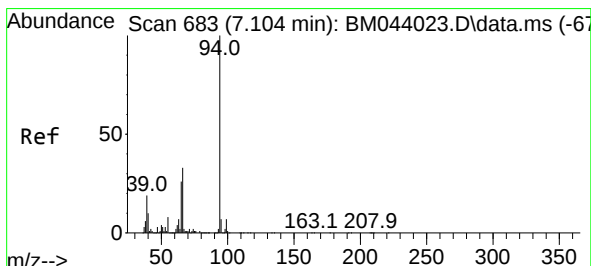
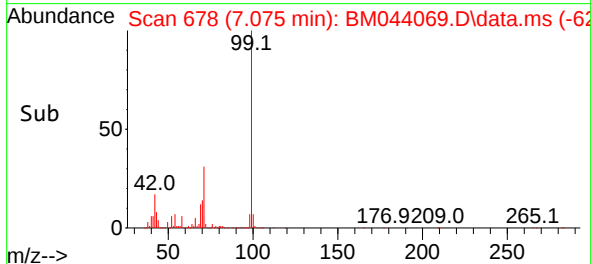
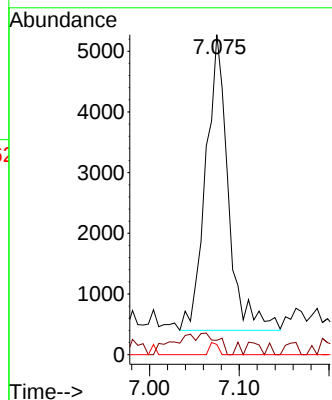
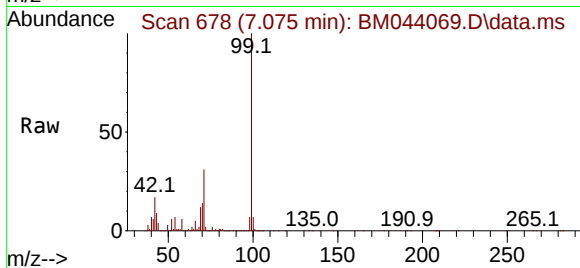




#9
Benzaldehyde
Concen: 0.414 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.018 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

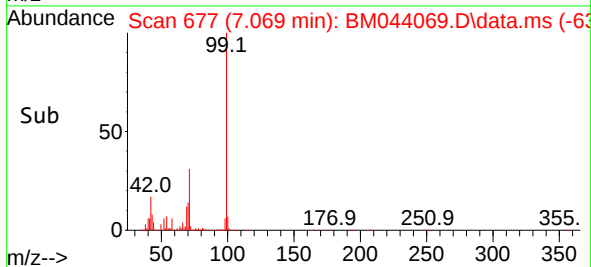
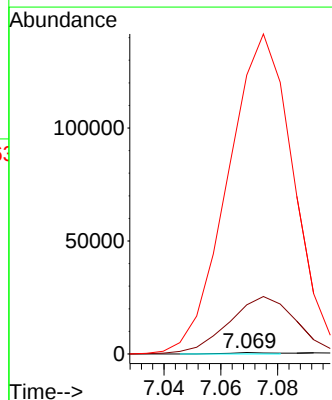
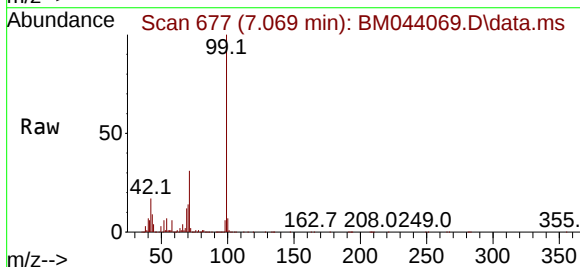
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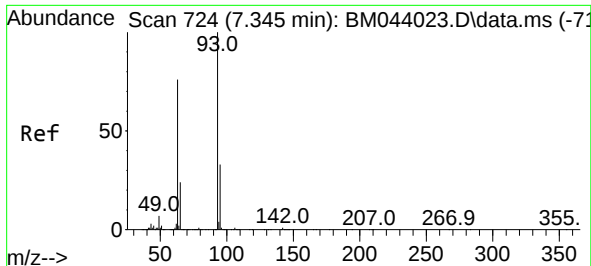
Tgt Ion: 77 Resp: 8496
Ion Ratio Lower Upper
77 100
105 4.5 80.0 120.0#
106 3.2 76.8 116.8#



#10
Phenol
Concen: 0.017 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.035 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion: 94 Resp: 678
Ion Ratio Lower Upper
94 100
65 3210.6 6.4 46.4#
66 18200.6 13.2 53.2#

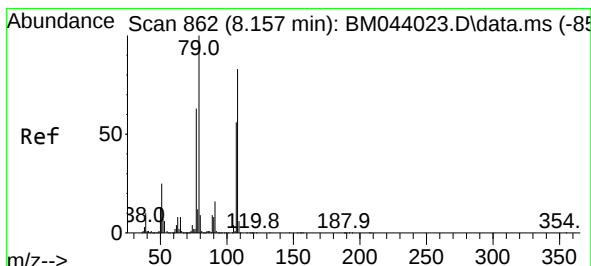
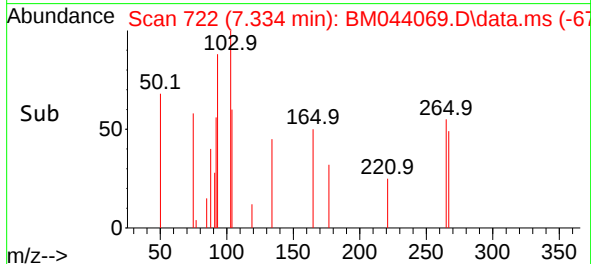
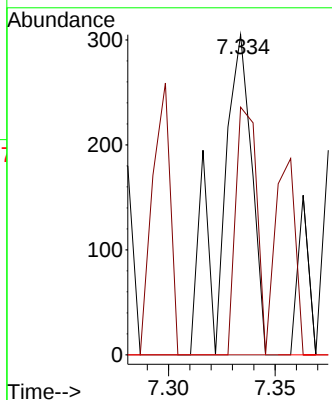
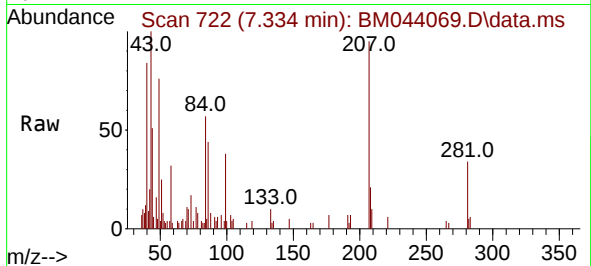




#11
bis(2-Chloroethyl)ether
Concen: 0.009 ng
RT: 7.334 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

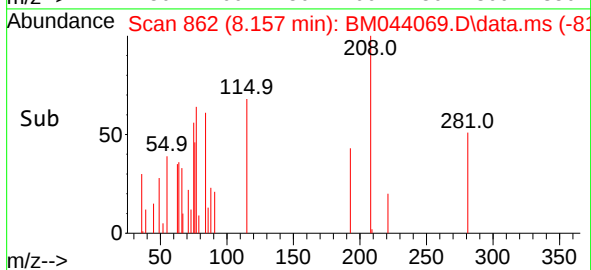
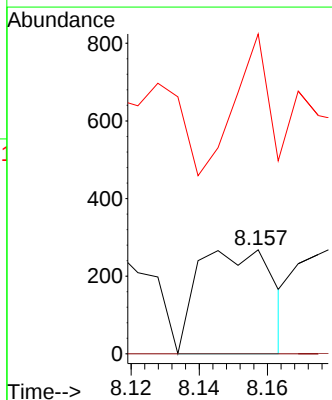
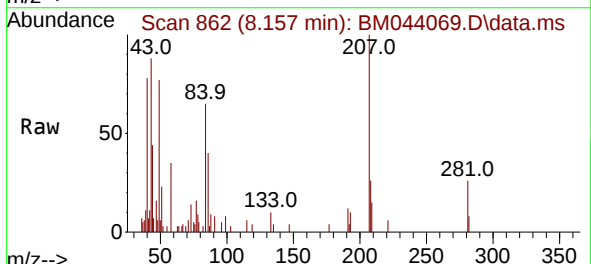
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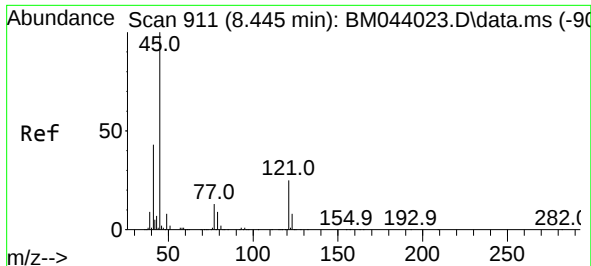
Tgt Ion: 93 Resp: 313
Ion Ratio Lower Upper
93 100
63 77.4 55.9 95.9
95 0.0 13.0 53.0#



#15
Benzyl Alcohol
Concen: 0.016 ng
RT: 8.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion: 79 Resp: 412
Ion Ratio Lower Upper
79 100
108 0.0 66.0 99.0#
77 307.5 50.4 75.6#

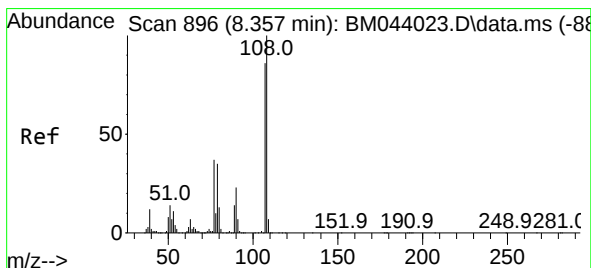
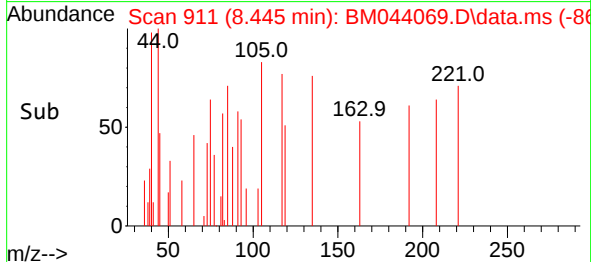
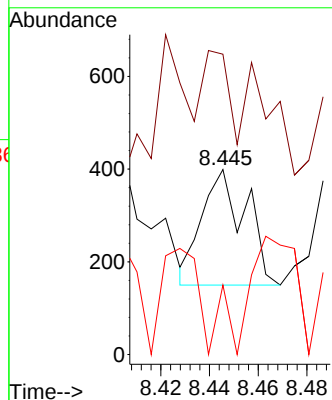
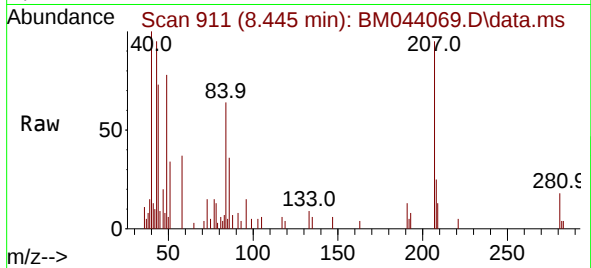




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.007 ng
RT: 8.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

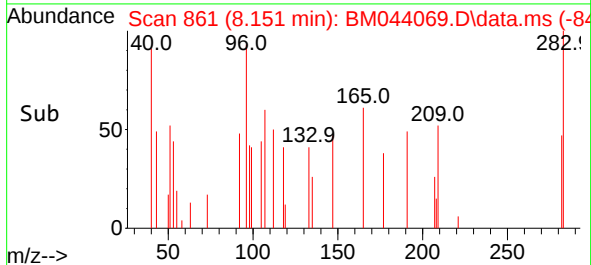
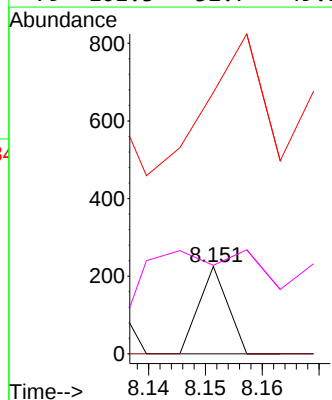
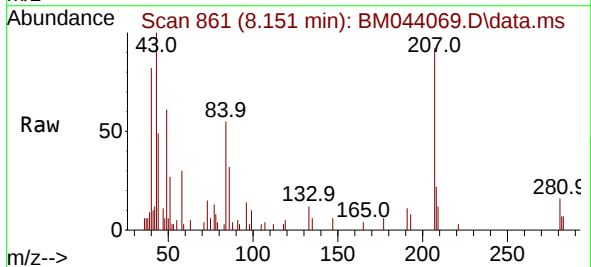
Instrument :
BNA_M
ClientSampleId :
PB158578BL

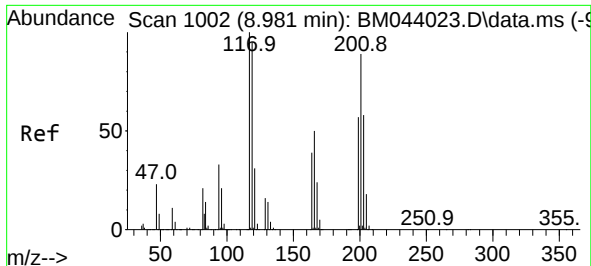
Tgt Ion:	45	Resp:	312
Ion Ratio	Lower	Upper	
45	100		
77	162.4	0.0	35.1#
79	37.6	0.0	31.5#



#17
2-Methylphenol
Concen: 0.003 ng
RT: 8.151 min Scan# 861
Delta R.T. -0.206 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion:	107	Resp:	79
Ion Ratio	Lower	Upper	
107	100		
108	0.0	93.4	140.2#
77	299.1	34.7	52.1#
79	101.3	32.7	49.1#

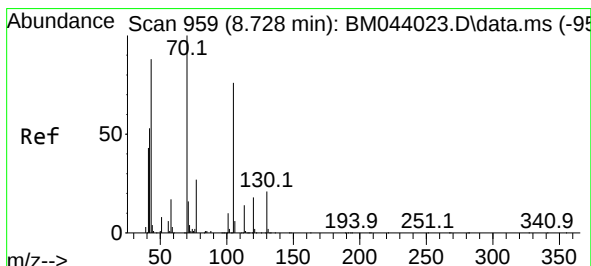
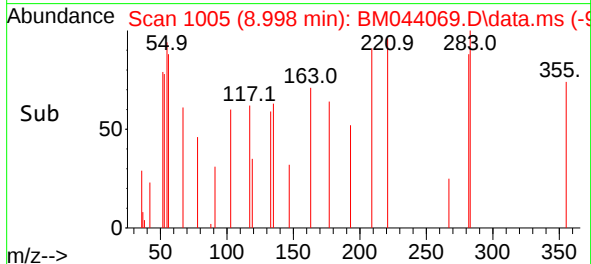
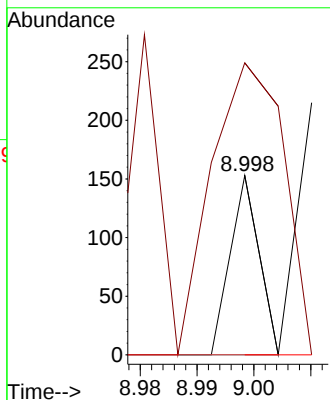
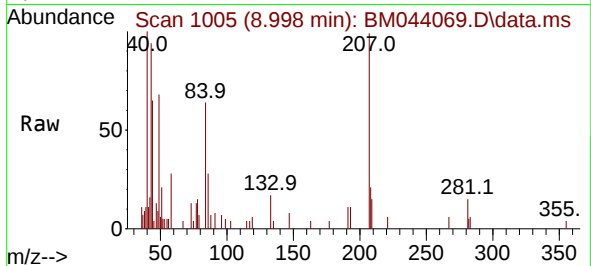




#18
Hexachloroethane
Concen: 0.004 ng
RT: 8.998 min Scan# 1005
Delta R.T. 0.018 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

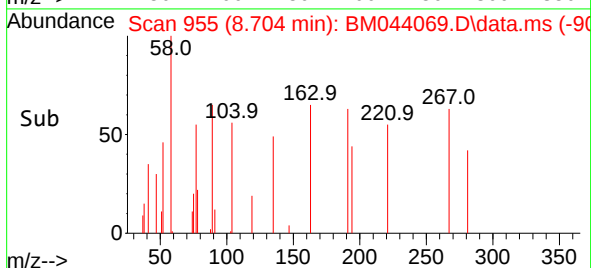
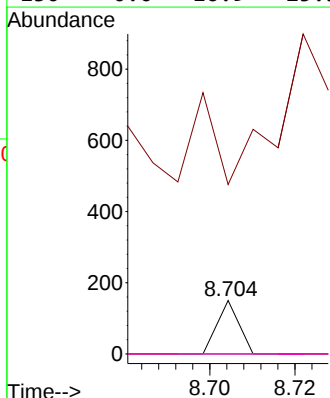
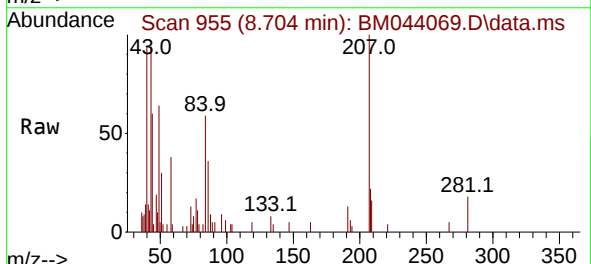
Instrument :
BNA_M
ClientSampleId :
PB158578BL

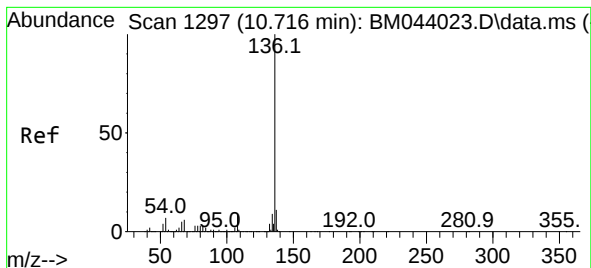
Tgt Ion:117 Resp: 54
Ion Ratio Lower Upper
117 100
119 162.7 75.7 113.5#
201 0.0 71.5 107.3#



#19
n-Nitroso-di-n-propylamine
Concen: 0.002 ng
RT: 8.704 min Scan# 955
Delta R.T. -0.023 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion: 70 Resp: 53
Ion Ratio Lower Upper
70 100
42 317.3 42.6 64.0#
101 0.0 7.8 11.6#
130 0.0 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.704 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

Tgt Ion:136 Resp: 1869095

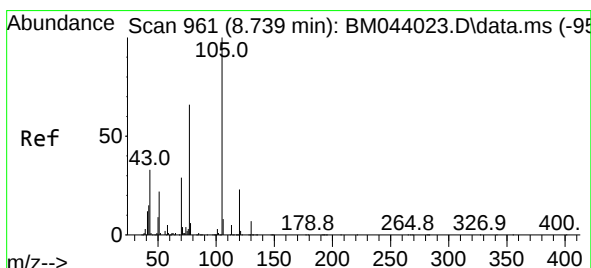
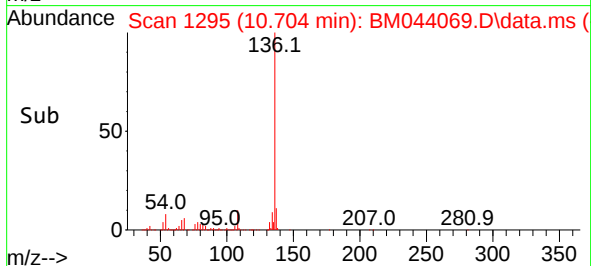
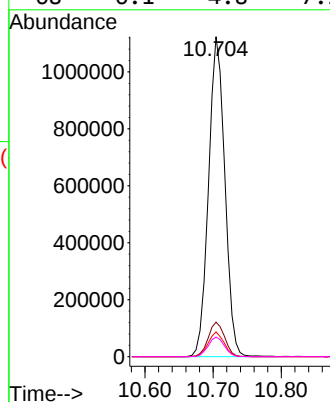
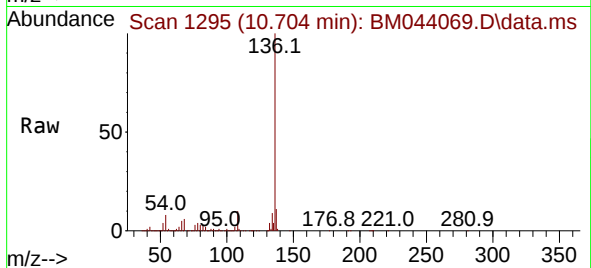
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.7 5.9 8.9

68 6.1 4.8 7.2



#22

Acetophenone

Concen: 0.004 ng

RT: 8.728 min Scan# 959

Delta R.T. -0.012 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Tgt Ion:105 Resp: 181

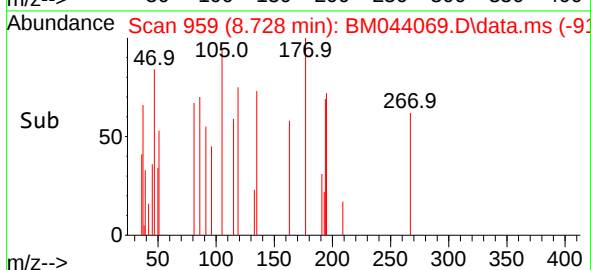
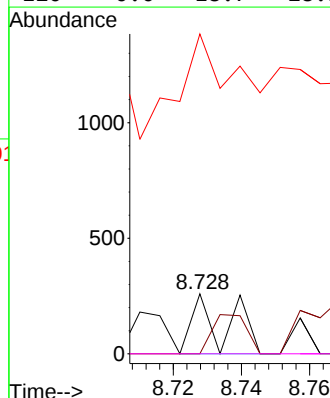
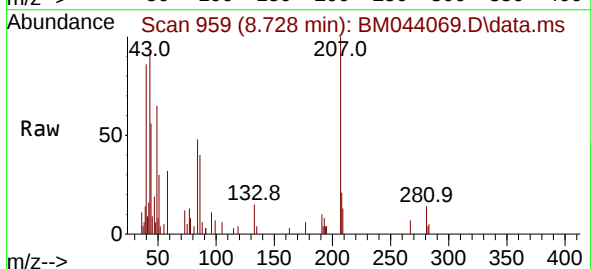
Ion Ratio Lower Upper

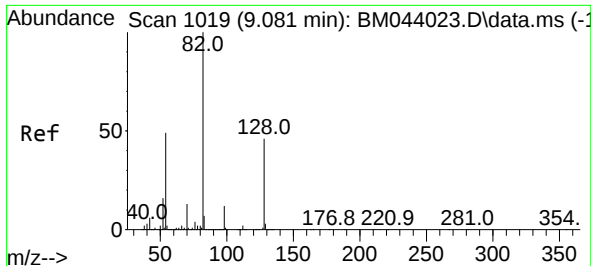
105 100

71 0.0 4.0 6.0#

51 532.3 20.1 30.1#

120 0.0 18.7 28.1#

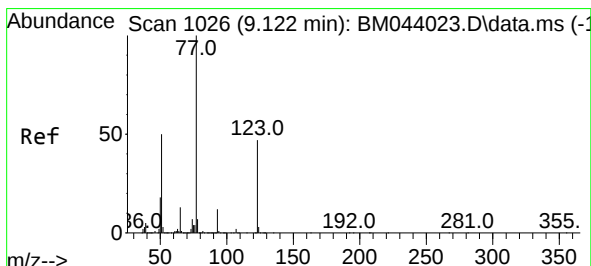
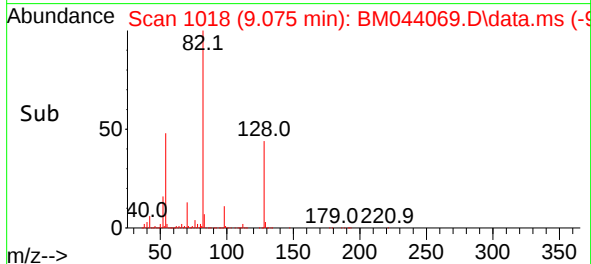
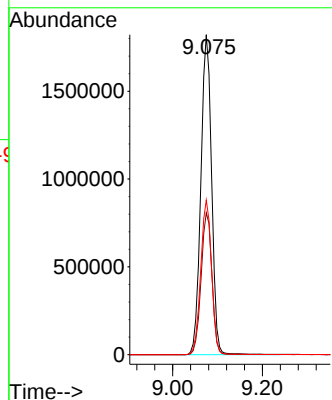
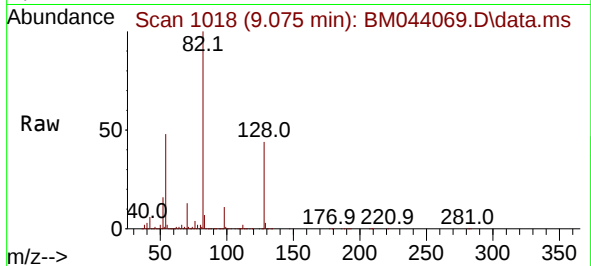




#23
Nitrobenzene-d5
Concen: 86.054 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

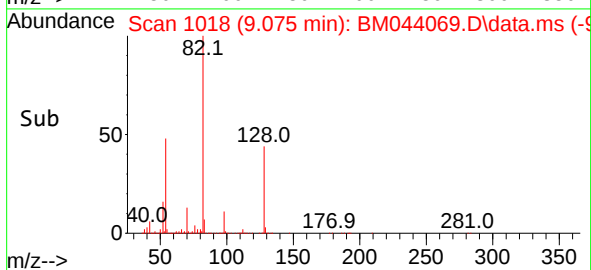
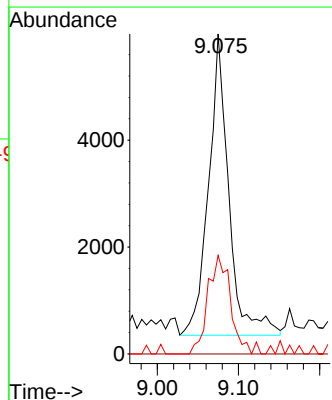
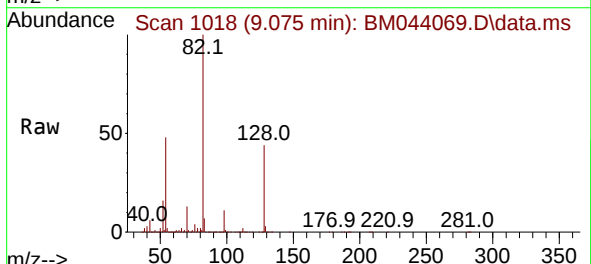
Instrument :
BNA_M
ClientSampleId :
PB158578BL

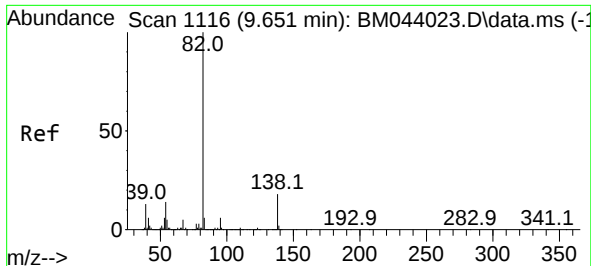
Tgt Ion: 82 Resp: 3031135
Ion Ratio Lower Upper
82 100
128 44.4 37.1 55.7
54 48.3 38.9 58.3



#24
Nitrobenzene
Concen: 0.271 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.047 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion: 77 Resp: 9761
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.8#
65 30.8 10.5 15.7#





#25

Isophorone

Concen: 0.008 ng

RT: 9.663 min Scan# 1118

Delta R.T. 0.012 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

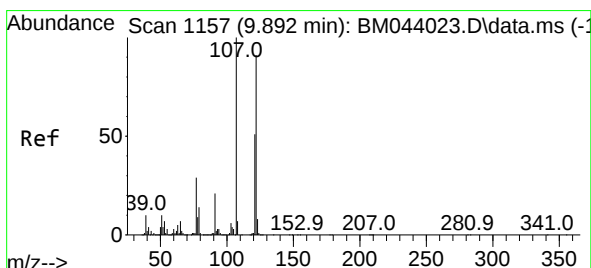
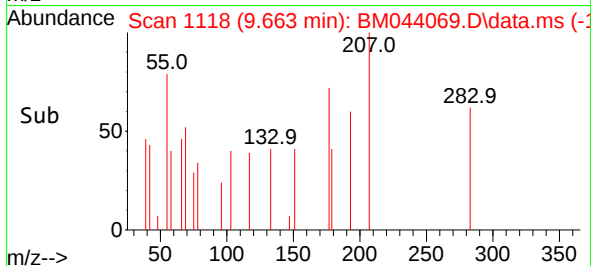
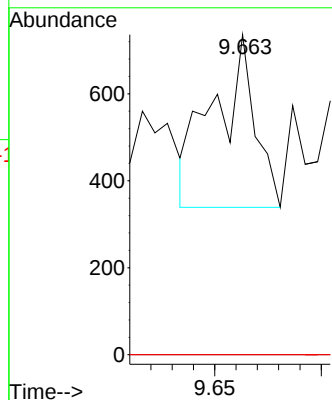
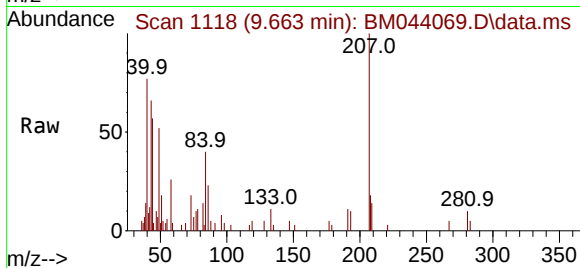
Tgt Ion: 82 Resp: 538

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.3 21.5#



#27

2,4-Dimethylphenol

Concen: 0.003 ng

RT: 9.992 min Scan# 1174

Delta R.T. 0.100 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

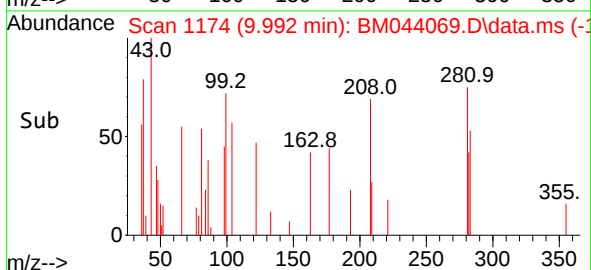
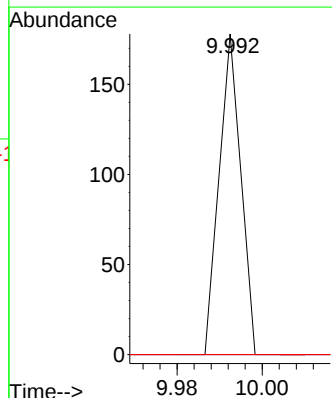
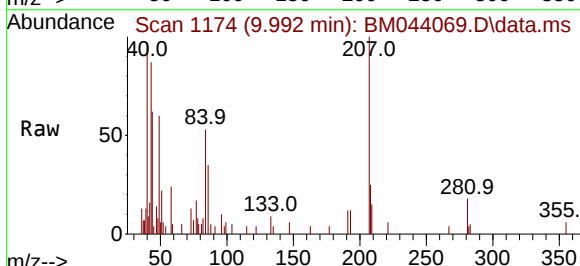
Tgt Ion:122 Resp: 63

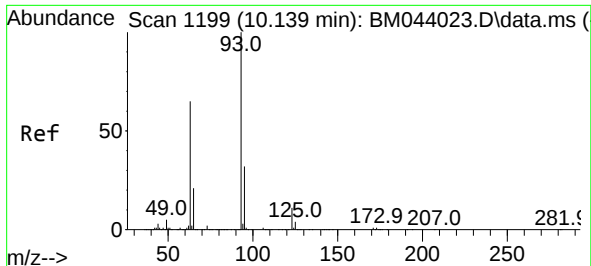
Ion Ratio Lower Upper

122 100

107 0.0 87.8 131.8#

121 0.0 44.7 67.1#

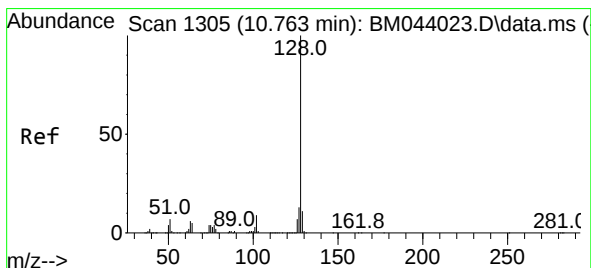
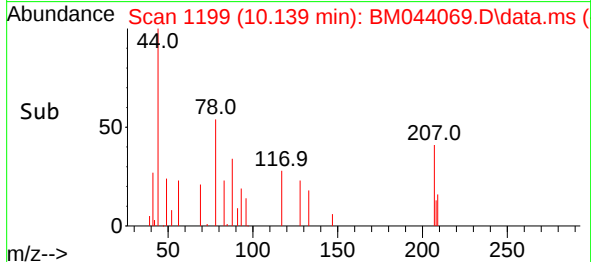
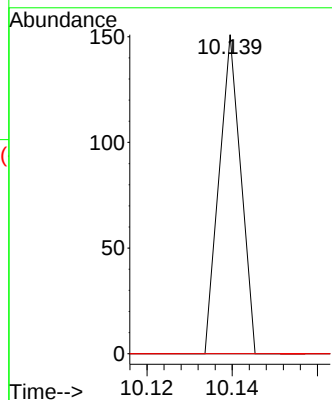
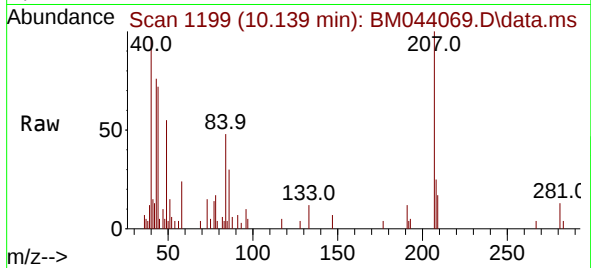




#28
bis(2-Chloroethoxy)methane
Concen: 0.001 ng
RT: 10.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

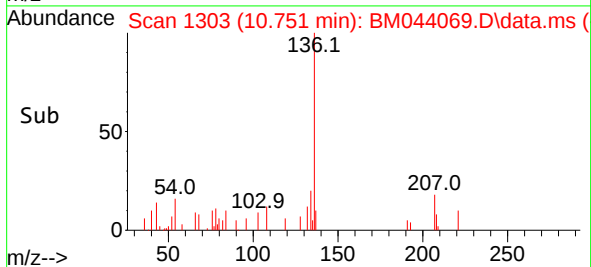
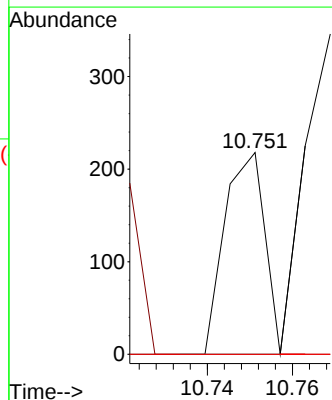
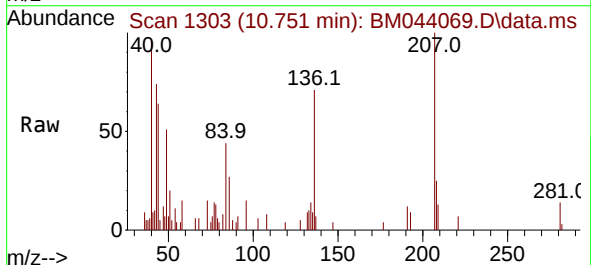
Instrument :
BNA_M
ClientSampleId :
PB158578BL

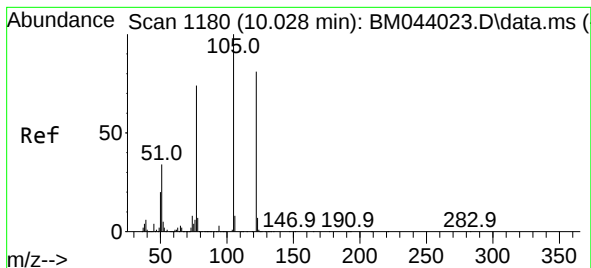
Tgt Ion: 93	Resp: 53
Ion Ratio	Lower Upper
93 100	
95 0.0	26.0 39.0#
123 0.0	9.2 13.8#



#31
Naphthalene
Concen: 0.001 ng
RT: 10.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion:128	Resp:	142	
Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.4#
127	0.0	10.3	15.5#





#32

Benzoic acid

Concen: 0.003 ng

RT: 9.992 min Scan# 1174

Delta R.T. -0.036 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

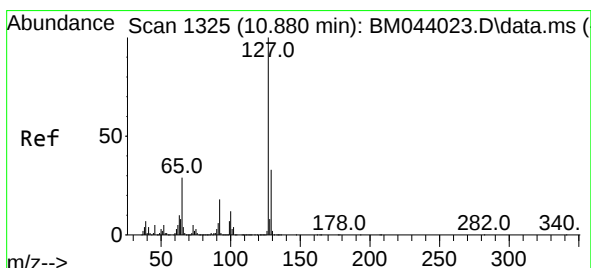
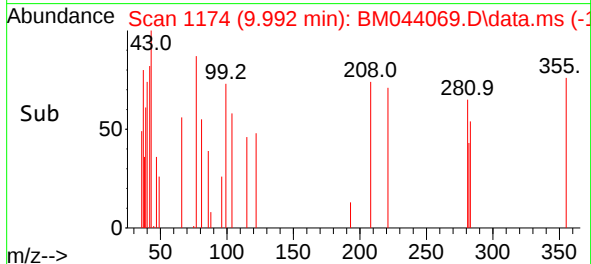
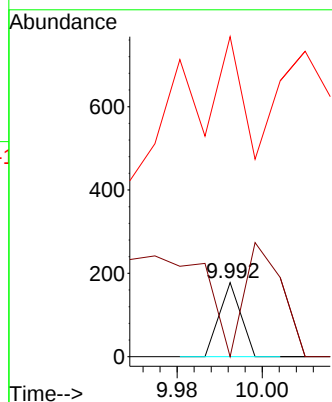
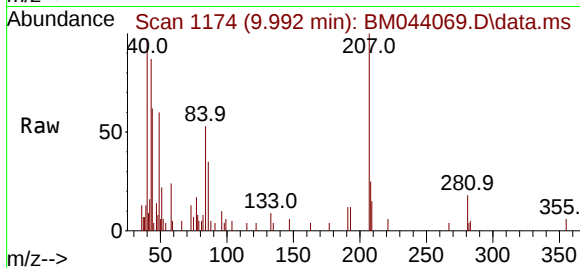
Tgt Ion:122 Resp: 63

Ion Ratio Lower Upper

122 100

105 0.0 100.1 140.1#

77 431.5 69.6 109.6#



#33

4-Chloroaniline

Concen: 0.001 ng

RT: 10.904 min Scan# 1329

Delta R.T. 0.024 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Tgt Ion:127 Resp: 57

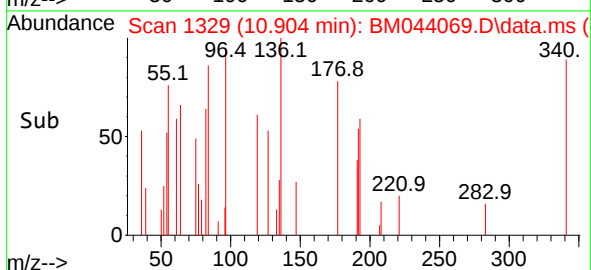
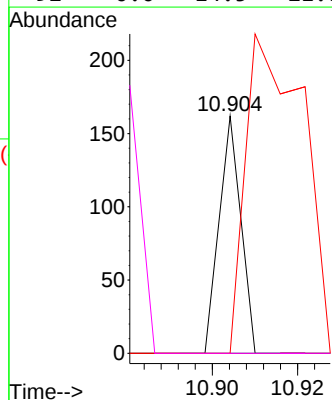
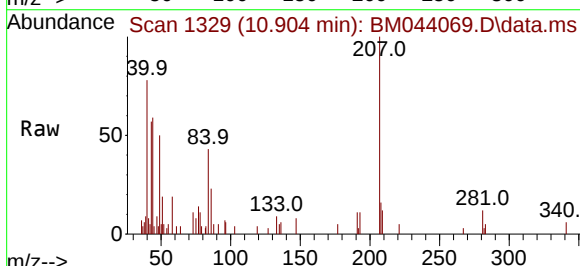
Ion Ratio Lower Upper

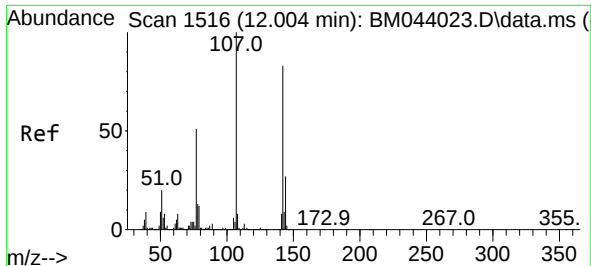
127 100

129 0.0 26.0 39.0#

65 0.0 23.0 34.6#

92 0.0 14.5 21.7#

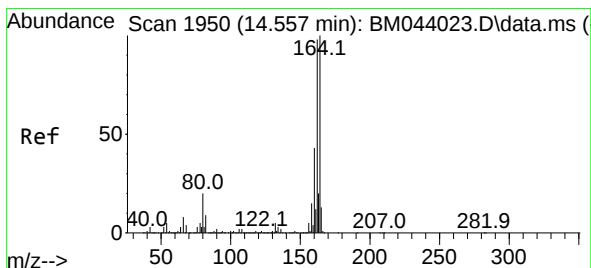
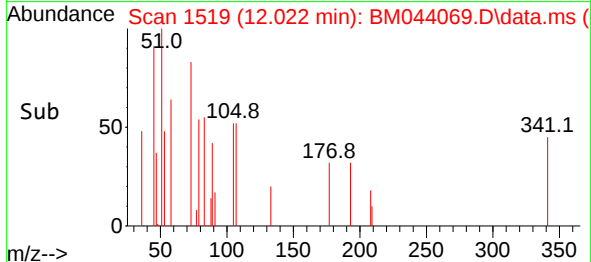
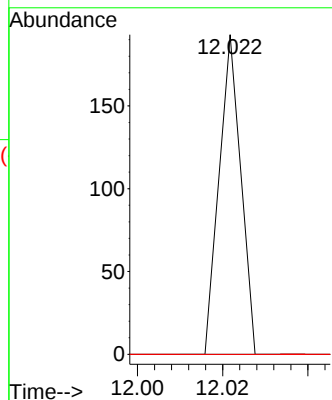
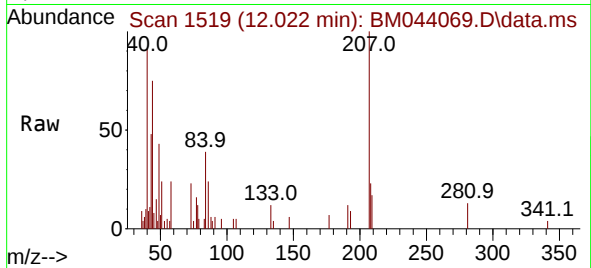




#36
4-Chloro-3-methylphenol
Concen: 0.002 ng
RT: 12.022 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

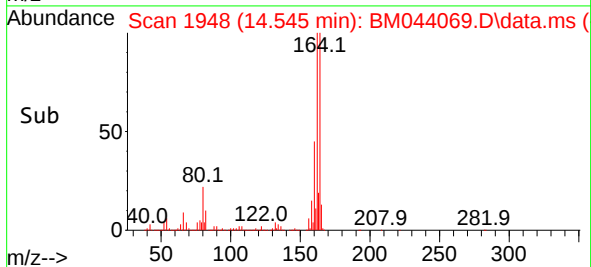
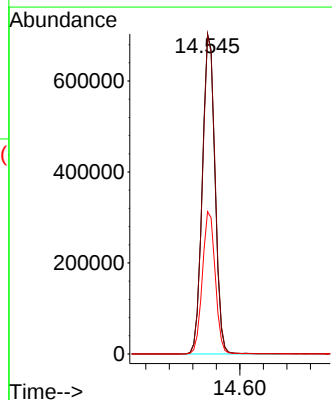
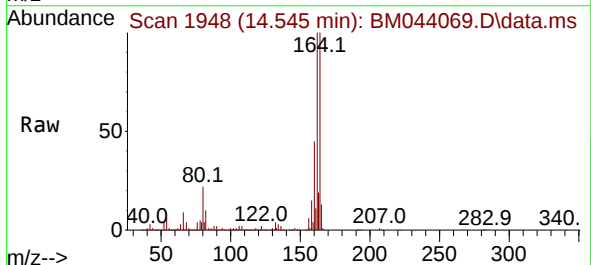
Instrument :
BNA_M
ClientSampleId :
PB158578BL

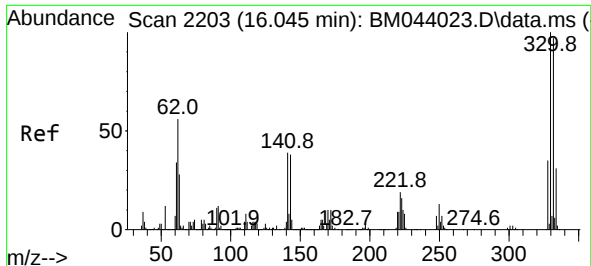
Tgt Ion:107 Resp: 68
Ion Ratio Lower Upper
107 100
144 0.0 21.3 31.9#
142 0.0 66.2 99.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion:164 Resp: 1047217
Ion Ratio Lower Upper
164 100
162 100.0 78.4 117.6
160 44.5 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 118.324 ng

RT: 16.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

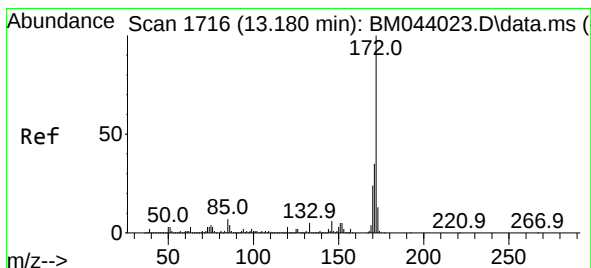
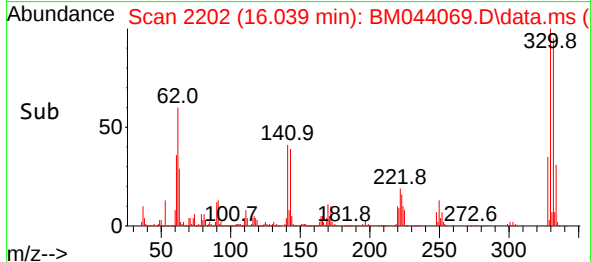
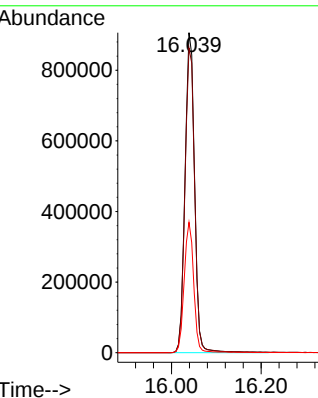
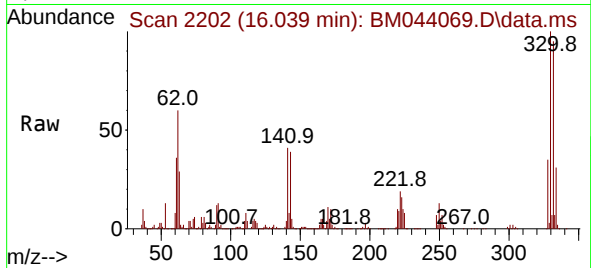
Tgt Ion:330 Resp: 1341617

Ion Ratio Lower Upper

330 100

332 96.7 77.7 116.5

141 40.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 81.364 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

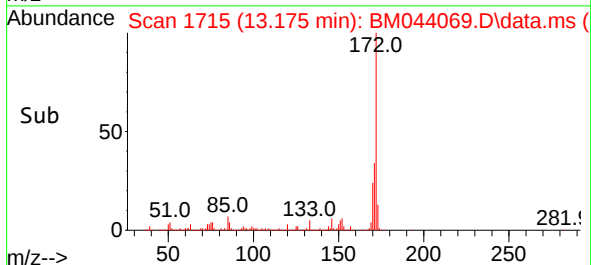
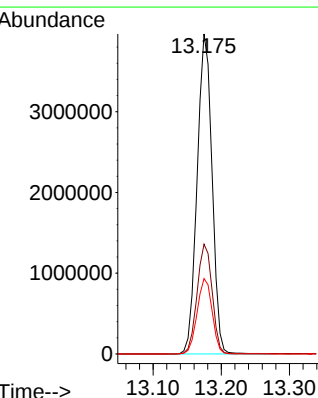
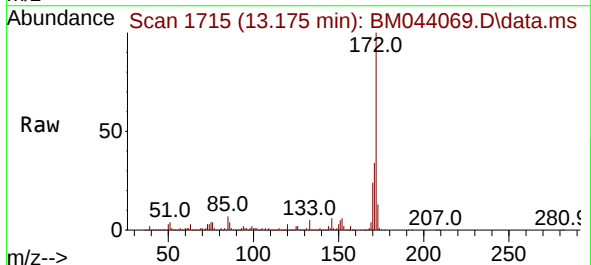
Tgt Ion:172 Resp: 6037280

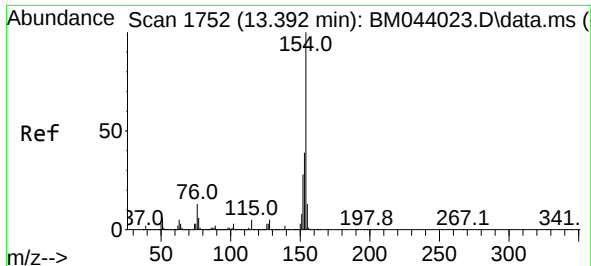
Ion Ratio Lower Upper

172 100

171 34.3 27.9 41.9

170 23.5 19.0 28.4

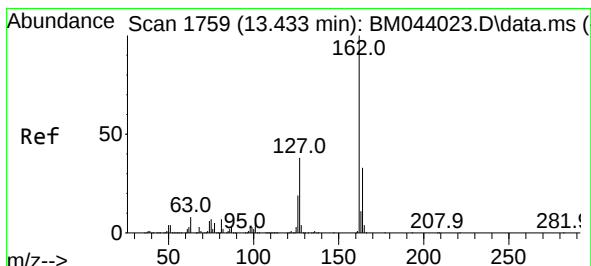
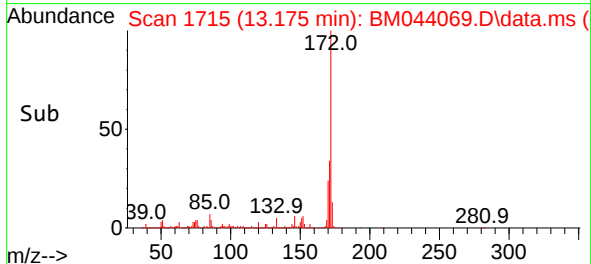
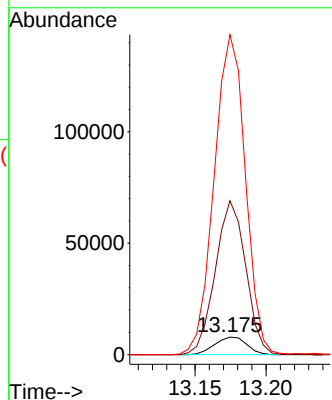
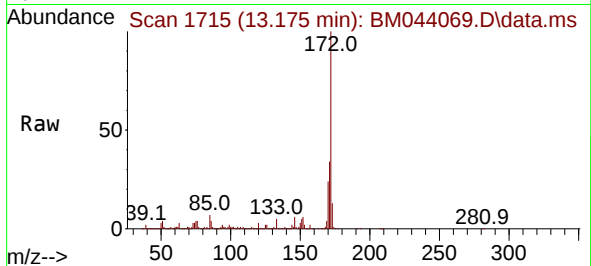




#46
1,1'-Biphenyl
Concen: 0.150 ng
RT: 13.175 min Scan# 1752
Delta R.T. -0.217 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

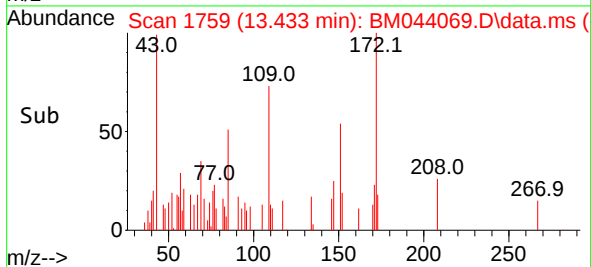
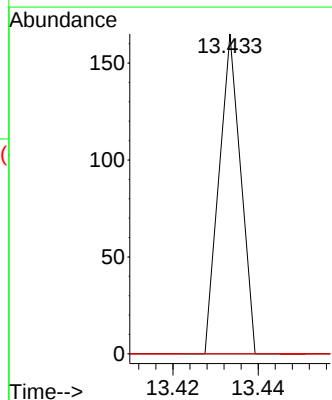
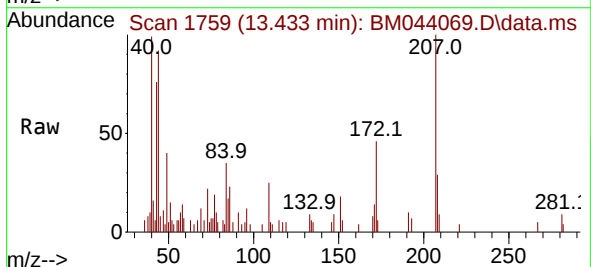
Instrument :
BNA_M
ClientSampleId :
PB158578BL

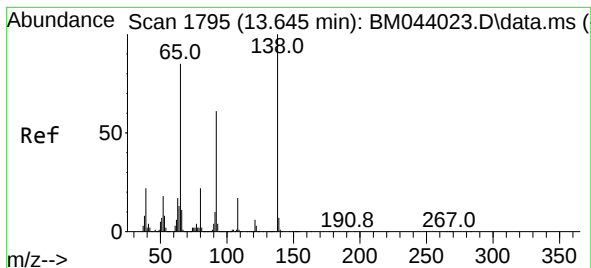
Tgt Ion:154 Resp: 12379
Ion Ratio Lower Upper
154 100
153 875.9 19.4 59.4#
76 1820.6 0.0 32.9#



#47
2-Chloronaphthalene
Concen: 0.001 ng
RT: 13.433 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion:162 Resp: 58
Ion Ratio Lower Upper
162 100
127 0.0 30.9 46.3#
164 0.0 26.4 39.6#





#48

2-Nitroaniline

Concen: 0.004 ng

RT: 13.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

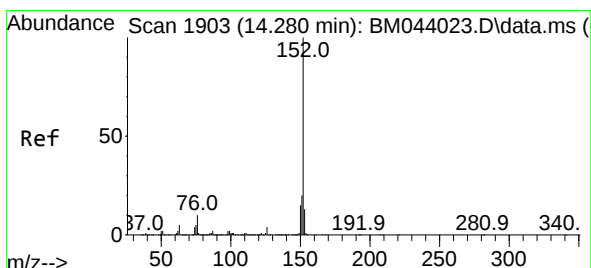
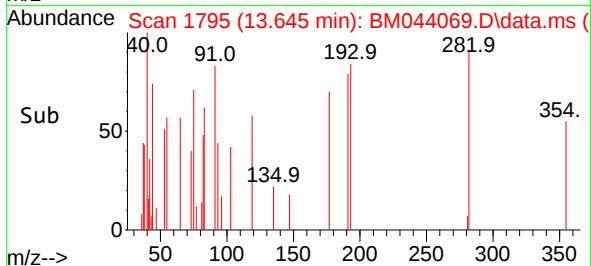
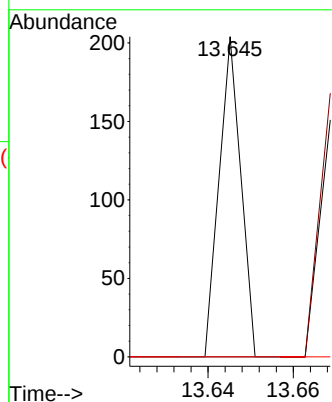
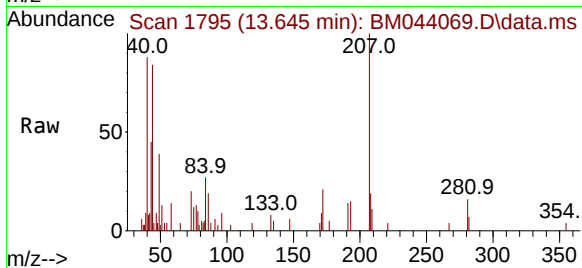
Tgt Ion: 65 Resp: 72

Ion Ratio Lower Upper

65 100

92 0.0 58.1 87.1#

138 0.0 94.6 142.0#



#49

Acenaphthylene

Concen: 0.003 ng

RT: 14.275 min Scan# 1902

Delta R.T. -0.006 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

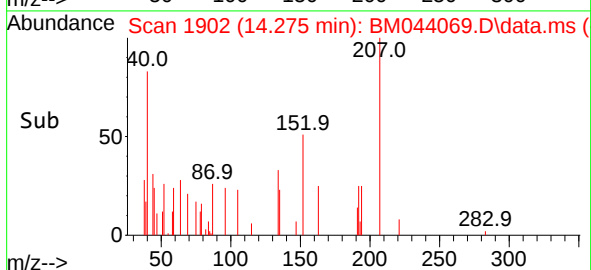
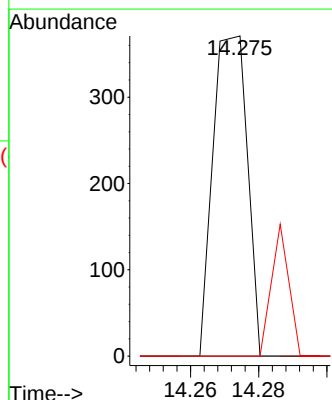
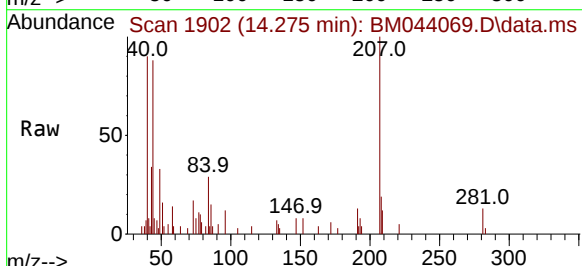
Tgt Ion: 152 Resp: 260

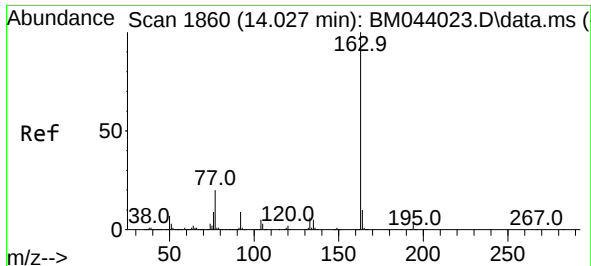
Ion Ratio Lower Upper

152 100

151 0.0 15.8 23.6#

153 0.0 10.5 15.7#

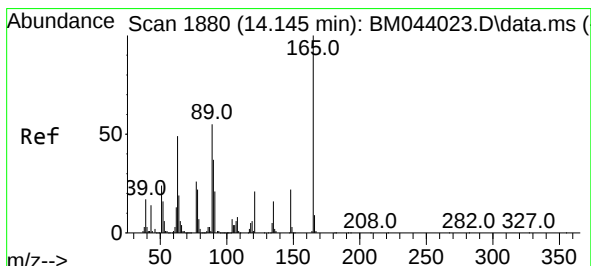
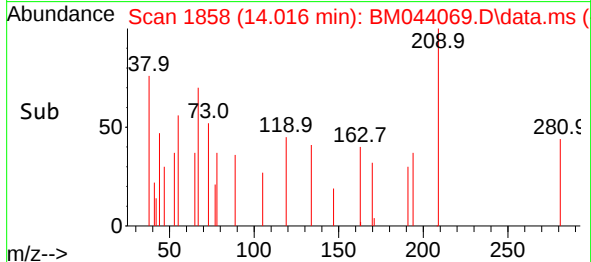
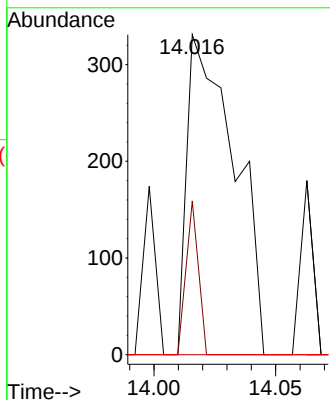
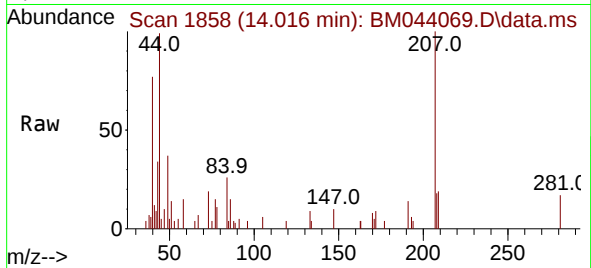




#50
Dimethylphthalate
Concen: 0.006 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

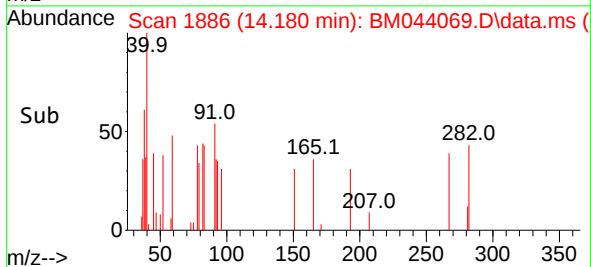
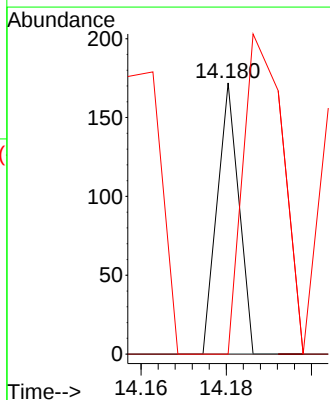
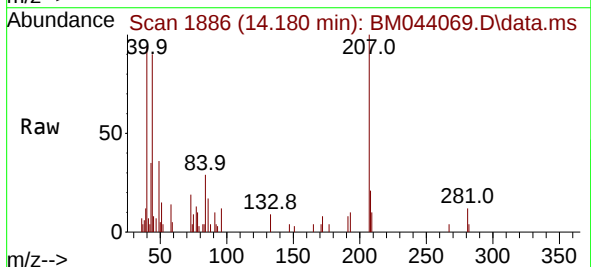
Instrument :
BNA_M
ClientSampleId :
PB158578BL

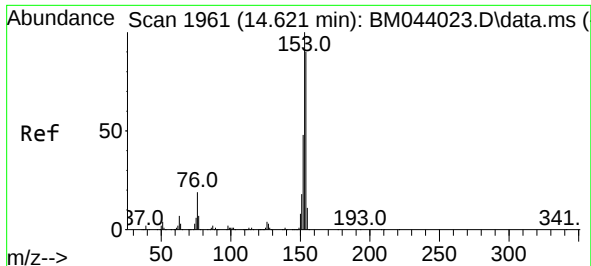
Tgt Ion:163 Resp: 449
Ion Ratio Lower Upper
163 100
194 48.0 3.1 4.7#
164 0.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 0.004 ng
RT: 14.180 min Scan# 1886
Delta R.T. 0.035 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion:165 Resp: 61
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 44.4 66.6#

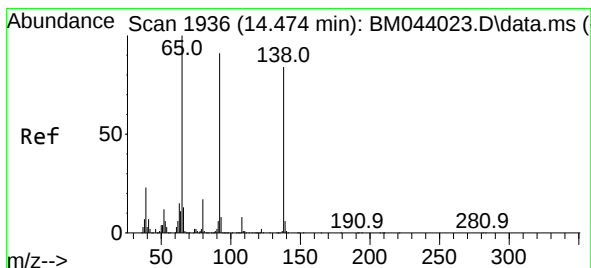
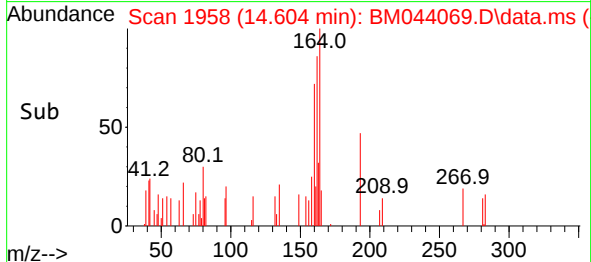
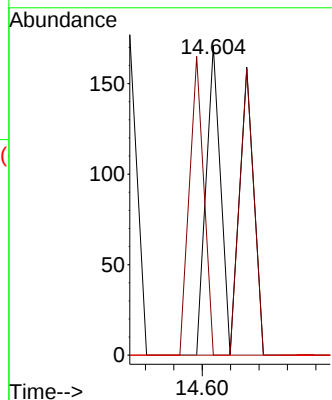
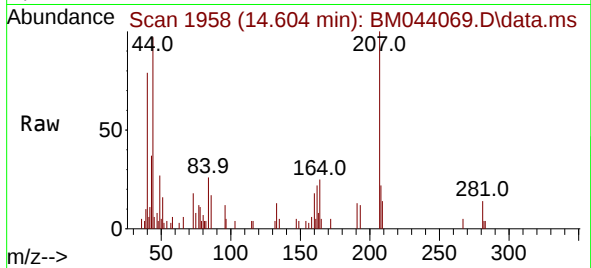




#52
Acenaphthene
Concen: 0.002 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.017 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

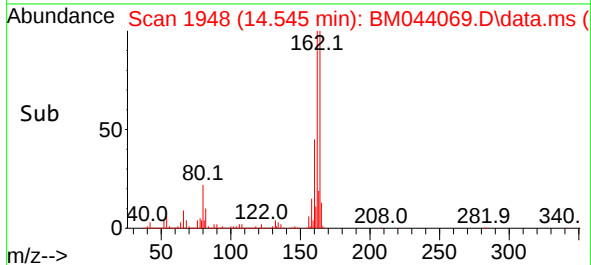
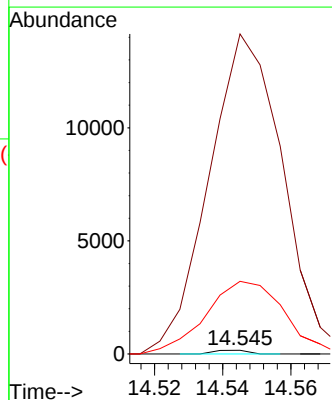
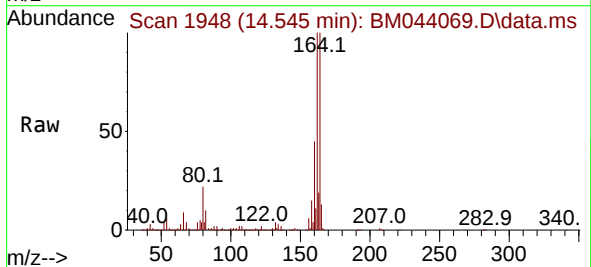
Instrument :
BNA_M
ClientSampleId :
PB158578BL

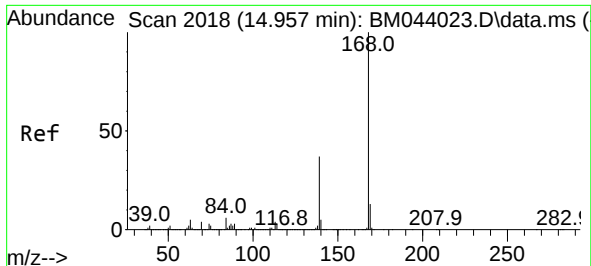
Tgt Ion:154 Resp: 116
Ion Ratio Lower Upper
154 100
153 0.0 89.3 133.9#
152 0.0 43.0 64.6#



#53
3-Nitroaniline
Concen: 0.006 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.071 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion:138 Resp: 112
Ion Ratio Lower Upper
138 100
108 8788.2 7.6 11.4#
92 1993.2 86.5 129.7#

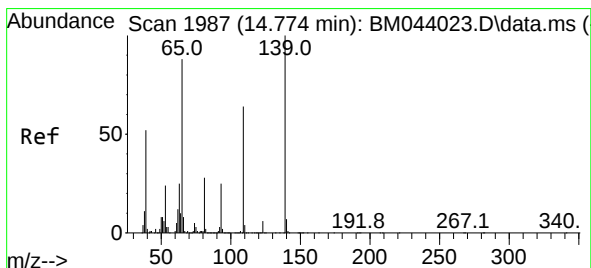
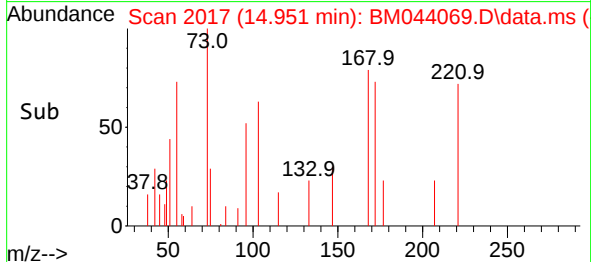
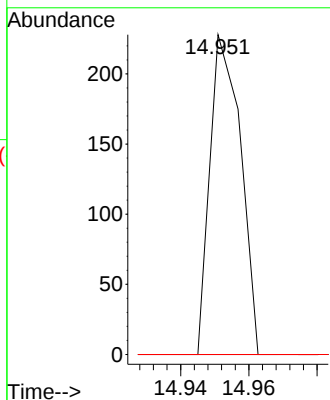
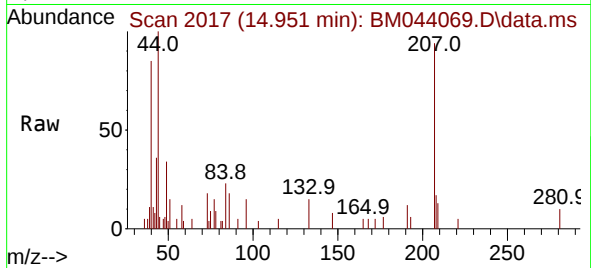




#55
Dibenzenofuran
Concen: 0.002 ng
RT: 14.951 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

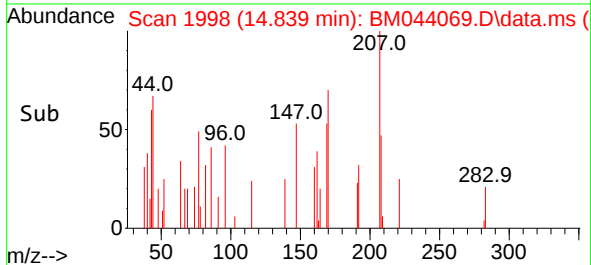
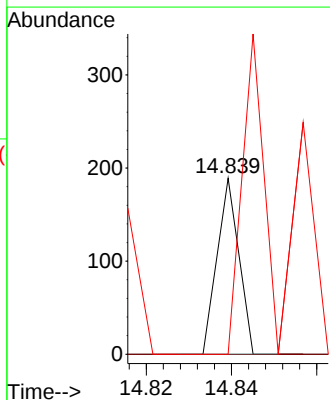
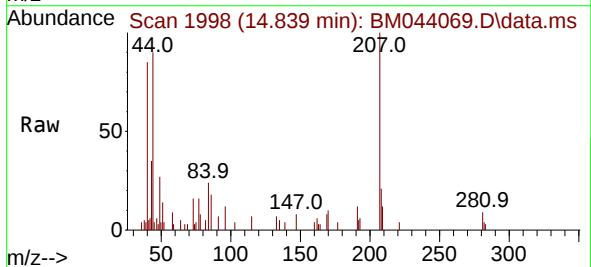
Instrument :
BNA_M
ClientSampleId :
PB158578BL

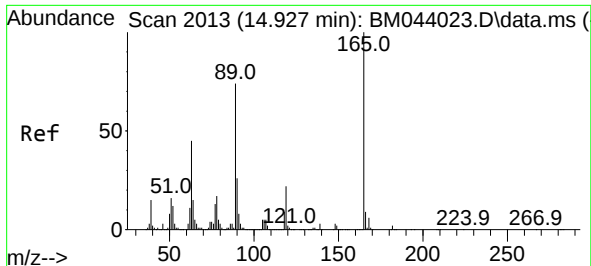
Tgt Ion:168 Resp: 142
Ion Ratio Lower Upper
168 100
139 0.0 29.6 44.4#
169 0.0 10.5 15.7#



#56
4-Nitrophenol
Concen: 0.004 ng
RT: 14.839 min Scan# 1998
Delta R.T. 0.065 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

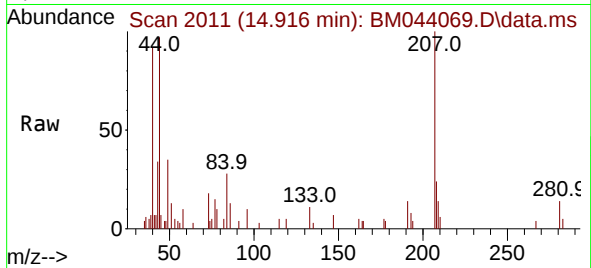
Tgt Ion:139 Resp: 67
Ion Ratio Lower Upper
139 100
109 0.0 43.8 83.8#
65 0.0 67.7 107.7#



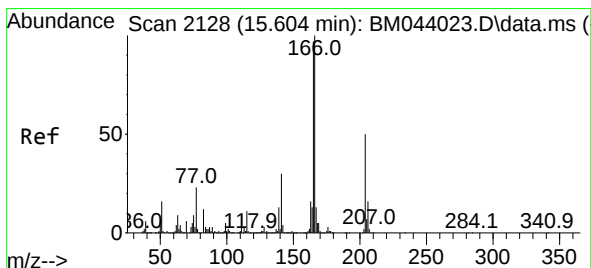
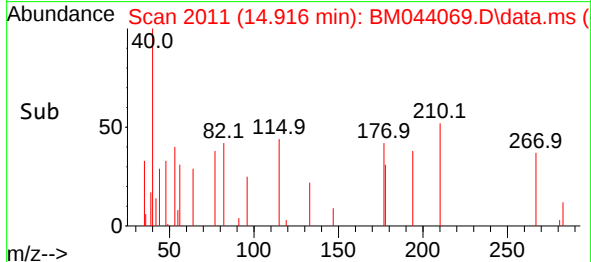
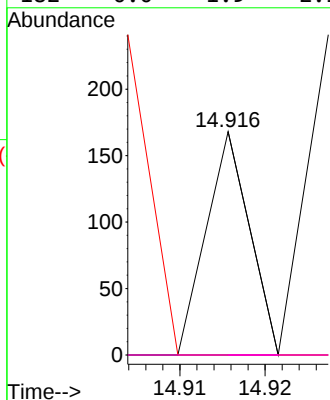


#57
2,4-Dinitrotoluene
Concen: 0.003 ng
RT: 14.916 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Instrument :
BNA_M
ClientSampleId :
PB158578BL

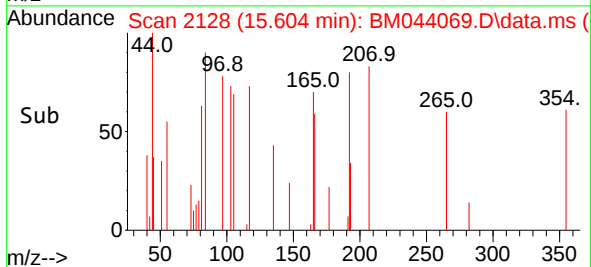
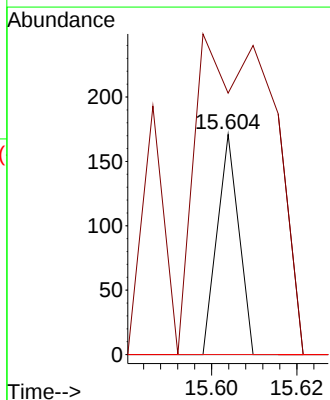
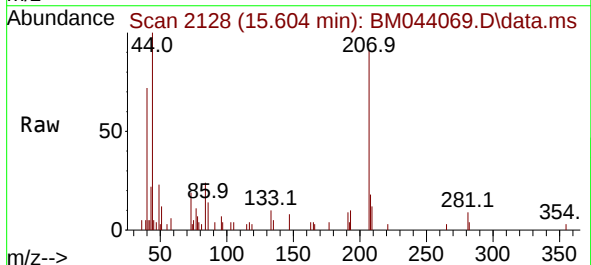


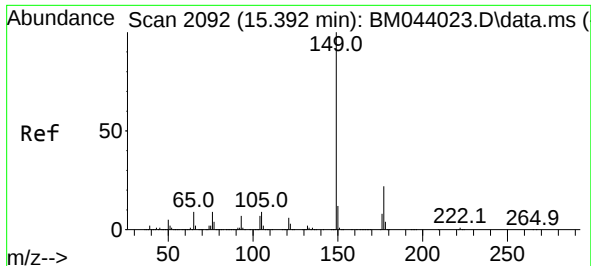
Tgt Ion:	165	Resp:	59
Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.9	53.9#
89	0.0	58.9	88.3#
182	0.0	1.9	2.9#



#58
Fluorene
Concen: 0.001 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion:	166	Resp:	60
Ion	Ratio	Lower	Upper
166	100		
165	118.7	77.7	116.5#
167	0.0	10.7	16.1#

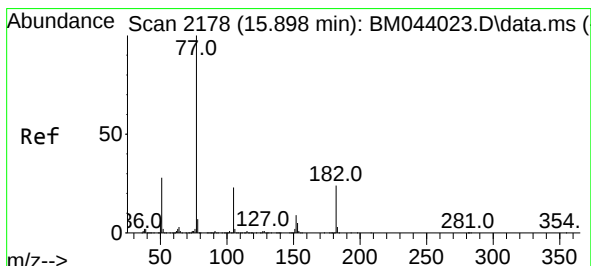
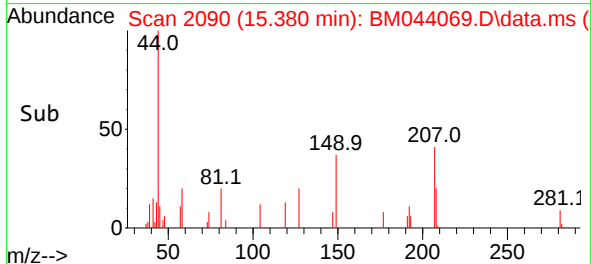
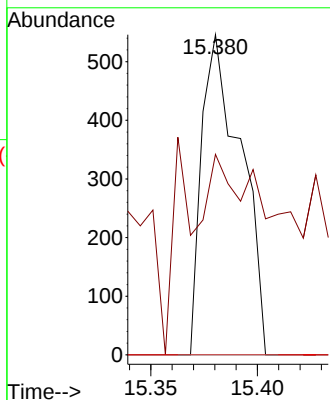
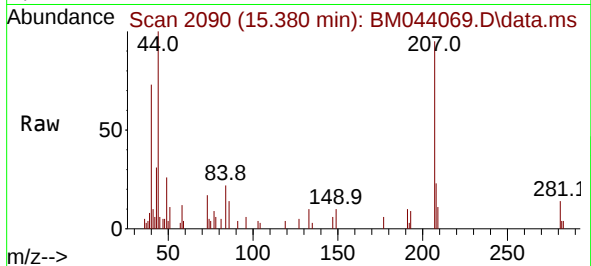




#60
Diethylphthalate
Concen: 0.009 ng
RT: 15.380 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

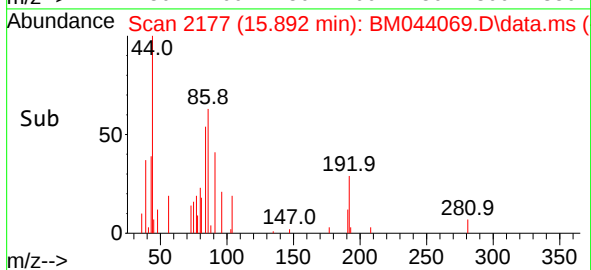
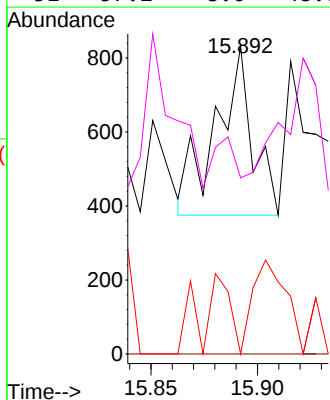
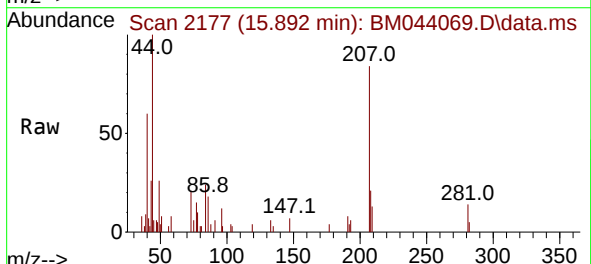
Instrument :
BNA_M
ClientSampleId :
PB158578BL

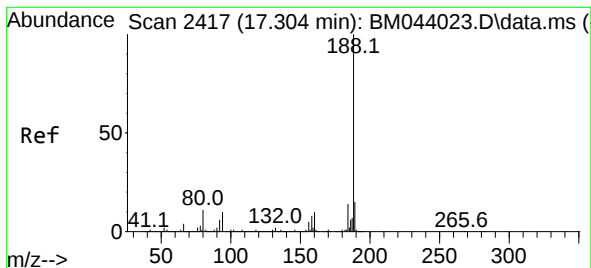
Tgt Ion:149 Resp: 699
Ion Ratio Lower Upper
149 100
177 62.6 17.5 26.3#
150 0.0 9.8 14.6#



#63
Azobenzene
Concen: 0.007 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion: 77 Resp: 548
Ion Ratio Lower Upper
77 100
182 0.0 4.0 44.0#
105 0.0 3.3 43.3#
51 57.2 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: BM044069.D

Acq: 13 Feb 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

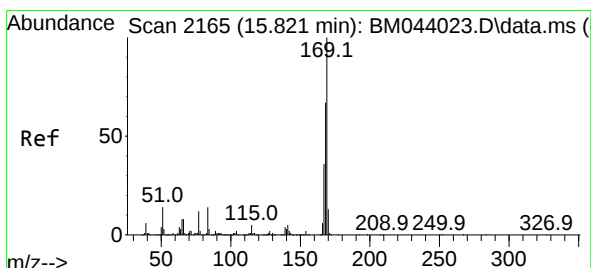
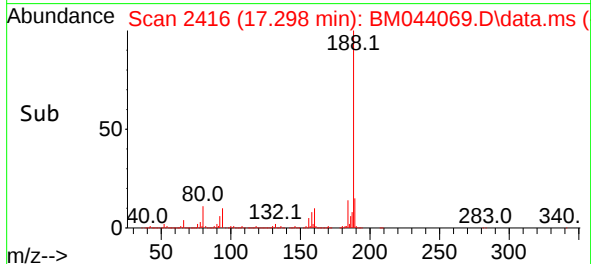
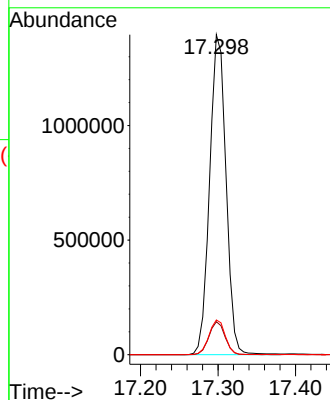
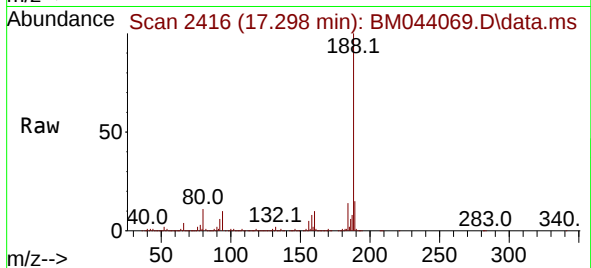
Tgt Ion:188 Resp: 2051757

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

80 10.8 8.8 13.2



#66

n-Nitrosodiphenylamine

Concen: 0.763 ng

RT: 16.039 min Scan# 2202

Delta R.T. 0.218 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

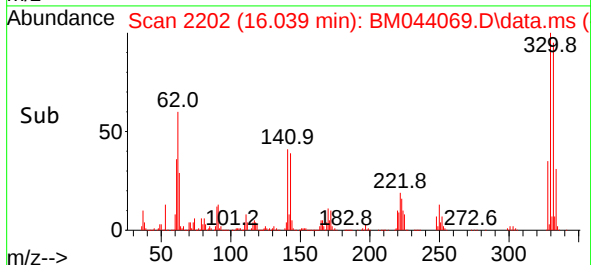
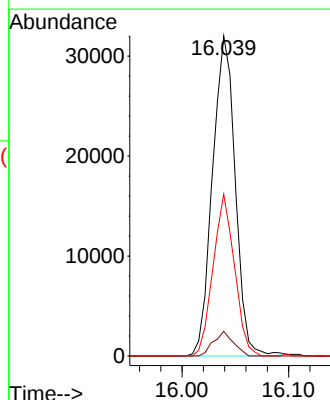
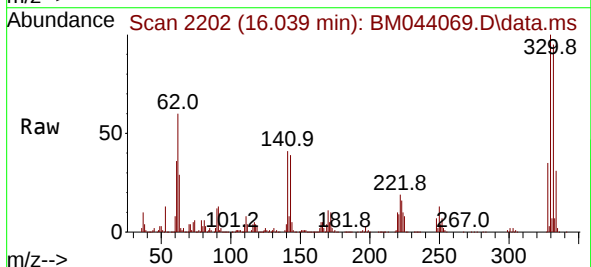
Tgt Ion:169 Resp: 47552

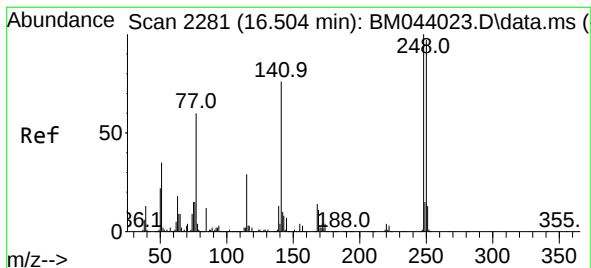
Ion Ratio Lower Upper

169 100

168 7.7 53.8 80.8#

167 50.6 29.2 43.8#

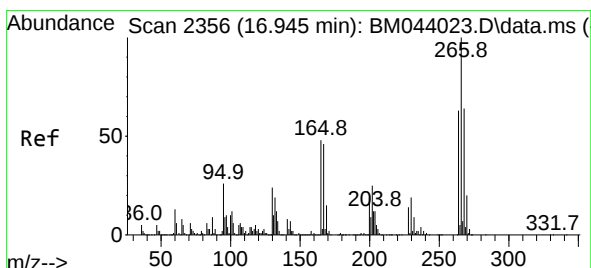
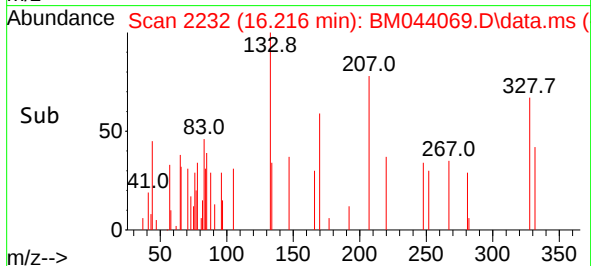
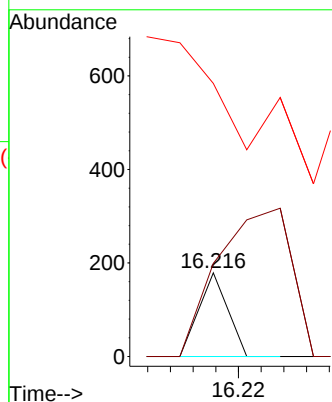
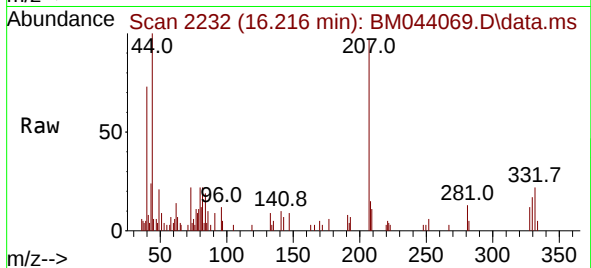




#67
4-Bromophenyl-phenylether
Concen: 0.003 ng
RT: 16.216 min Scan# 21
Delta R.T. -0.288 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

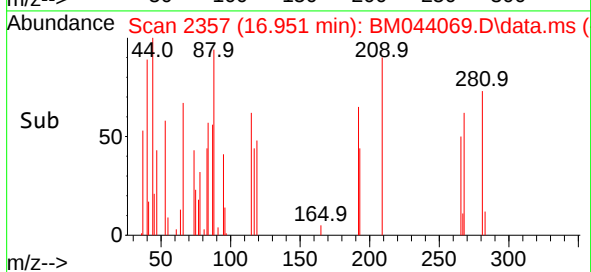
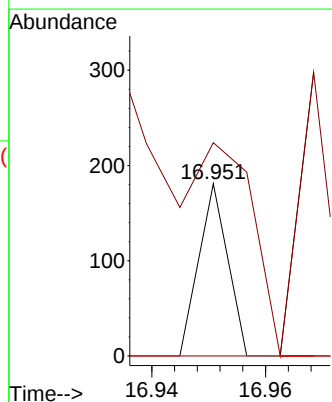
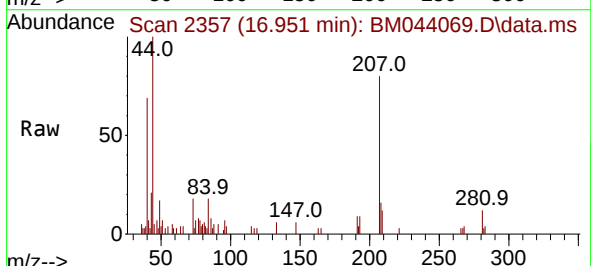
Instrument :
BNA_M
ClientSampleId :
PB158578BL

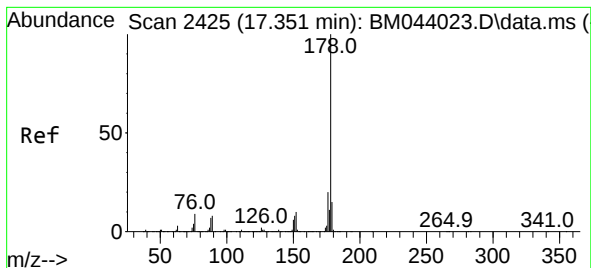
Tgt Ion:248 Resp: 63
Ion Ratio Lower Upper
248 100
250 111.2 77.4 116.2
141 326.3 61.0 91.6#



#70
Pentachlorophenol
Concen: 0.004 ng
RT: 16.951 min Scan# 2357
Delta R.T. 0.006 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion:266 Resp: 64
Ion Ratio Lower Upper
266 100
268 123.8 51.1 76.7#
264 0.0 50.5 75.7#





#71

Phenanthrene

Concen: 0.006 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

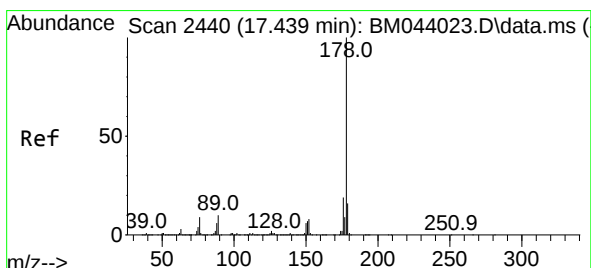
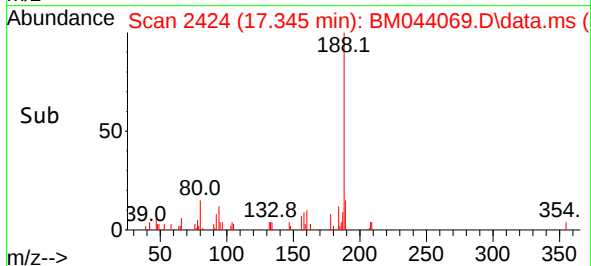
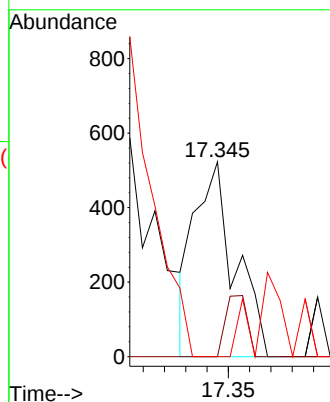
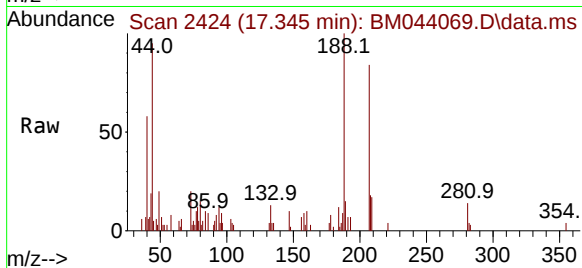
Tgt Ion:178 Resp: 688

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

179 0.0 12.2 18.4#



#72

Anthracene

Concen: 0.004 ng

RT: 17.439 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

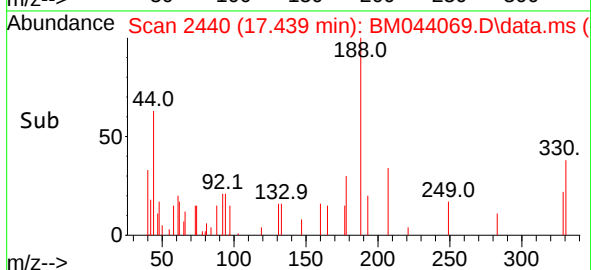
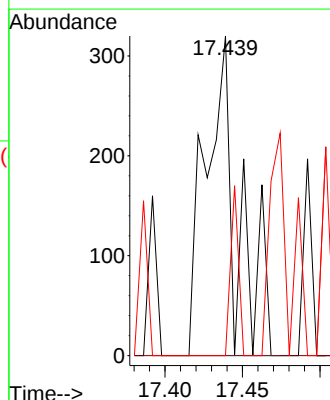
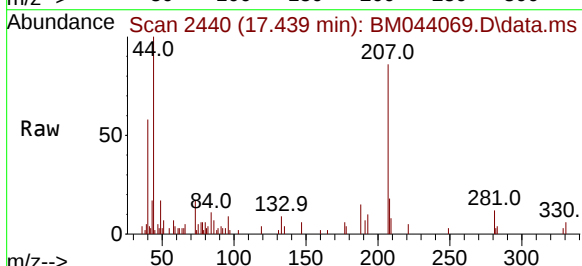
Tgt Ion:178 Resp: 460

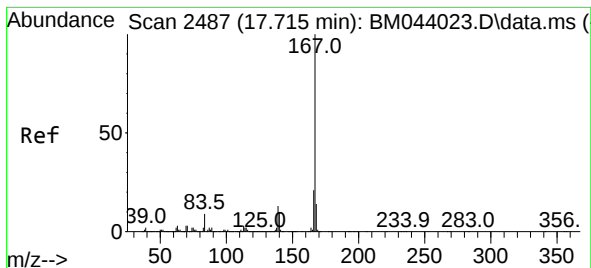
Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

179 0.0 12.4 18.6#





#73

Carbazole

Concen: 0.005 ng

RT: 17.715 min Scan# 2487

Delta R.T. 0.000 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

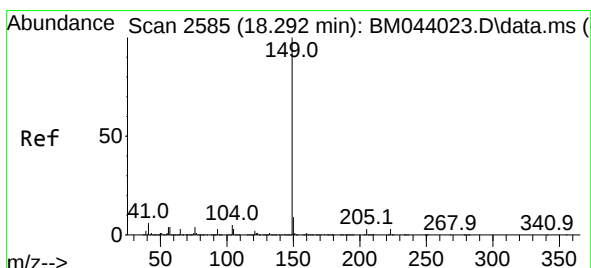
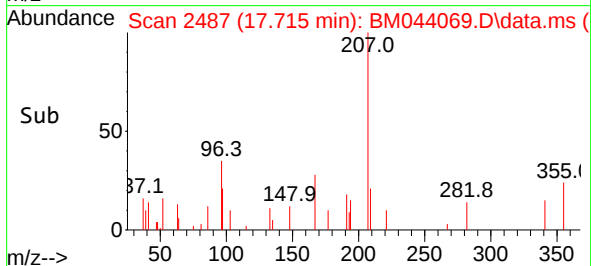
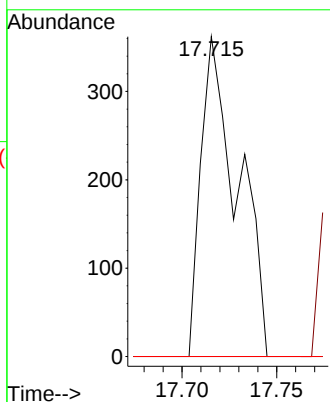
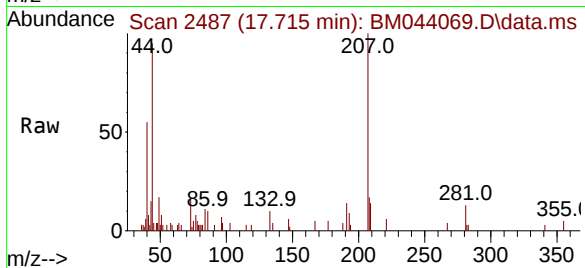
Tgt Ion:167 Resp: 491

Ion Ratio Lower Upper

167 100

166 0.0 16.8 25.2#

139 0.0 10.4 15.6#



#74

Di-n-butylphthalate

Concen: 0.010 ng

RT: 18.292 min Scan# 2585

Delta R.T. 0.000 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

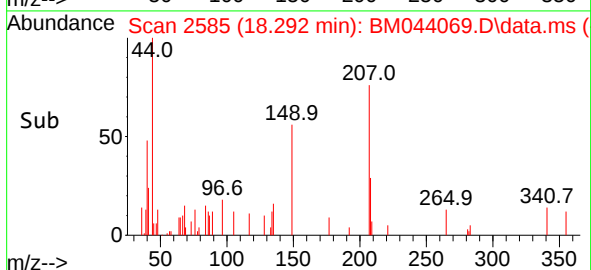
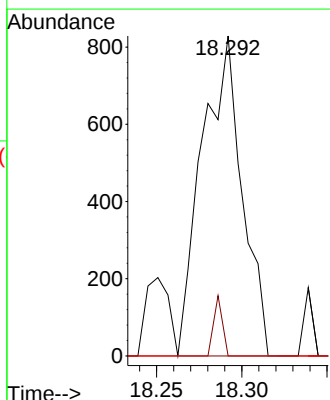
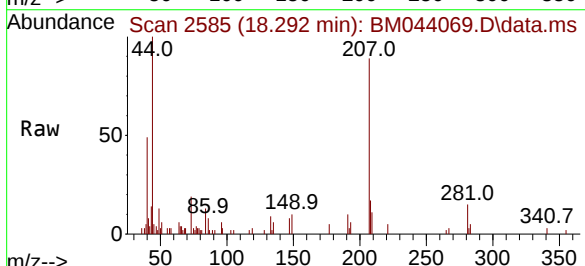
Tgt Ion:149 Resp: 1360

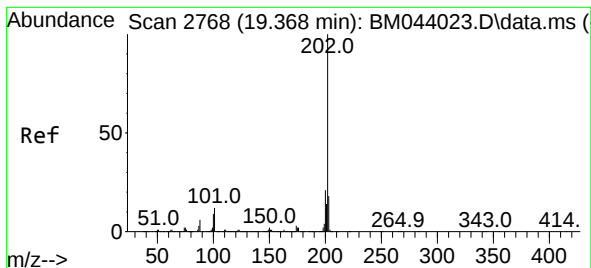
Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

104 0.0 3.8 5.6#





#75

Fluoranthene

Concen: 0.003 ng

RT: 19.368 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

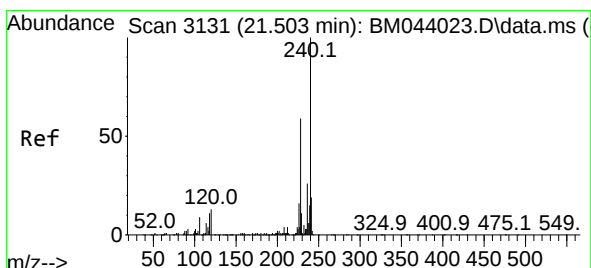
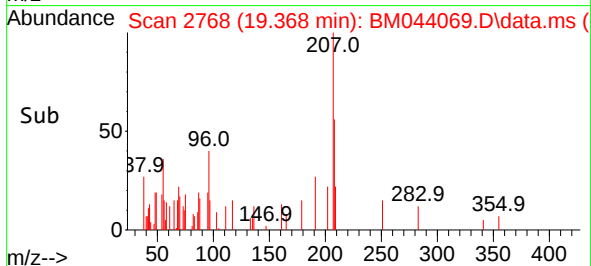
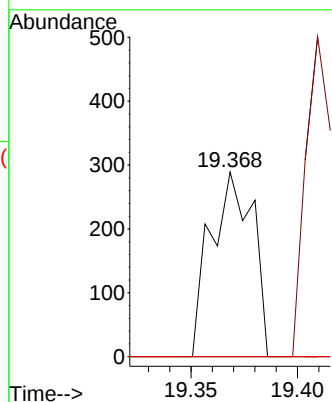
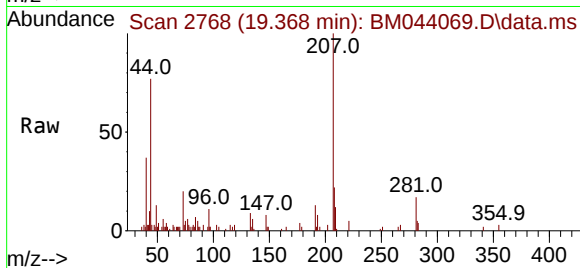
Instrument :

BNA_M

ClientSampleId :

PB158578BL

Tgt Ion:	202	Resp:	398
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

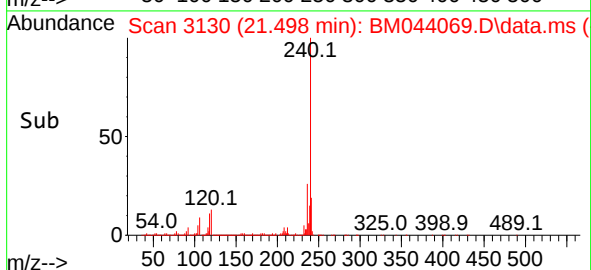
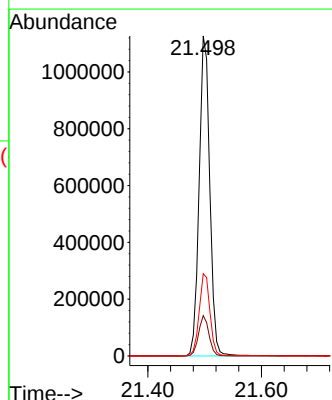
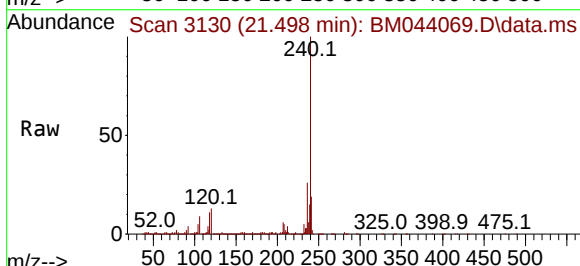
RT: 21.498 min Scan# 3130

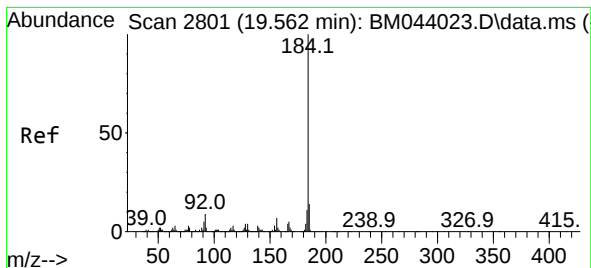
Delta R.T. -0.006 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Tgt Ion:	240	Resp:	1469754
Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.1	15.1
236	25.7	20.6	31.0





#77

Benzidine

Concen: 0.103 ng

RT: 19.568 min Scan# 2

Delta R.T. 0.006 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

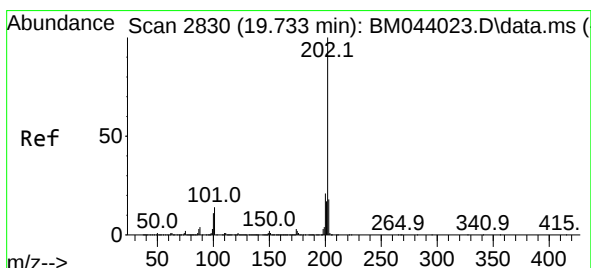
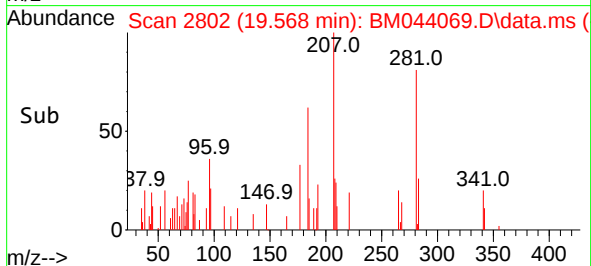
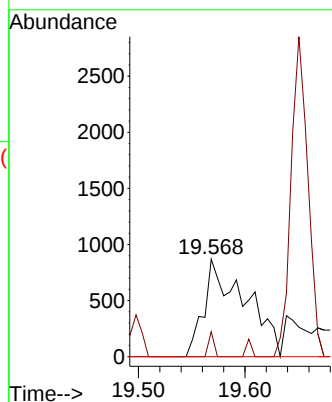
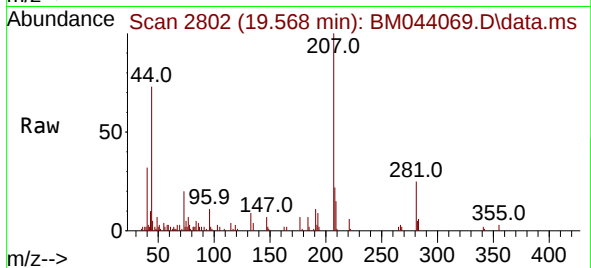
Tgt Ion:184 Resp: 2343

Ion Ratio Lower Upper

184 100

185 25.5 11.0 16.6#

183 0.0 9.0 13.4#



#78

Pyrene

Concen: 0.206 ng

RT: 19.945 min Scan# 2866

Delta R.T. 0.212 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

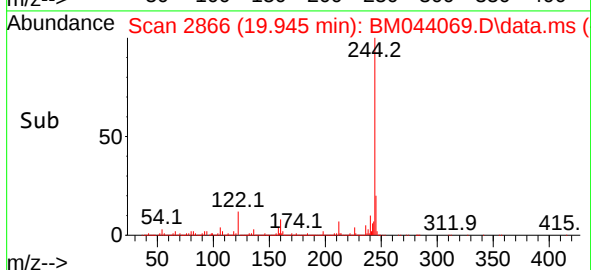
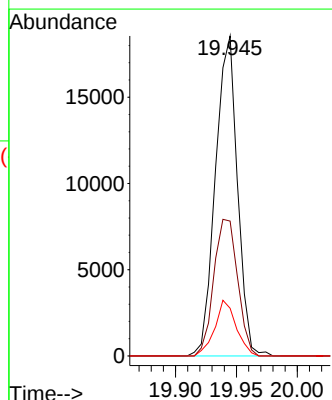
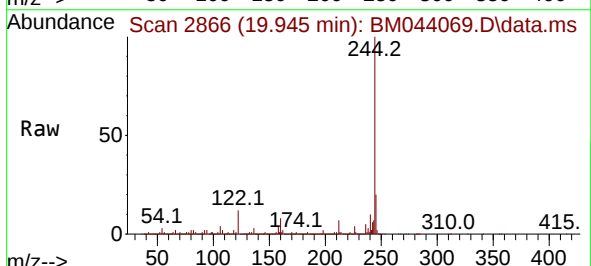
Tgt Ion:202 Resp: 23324

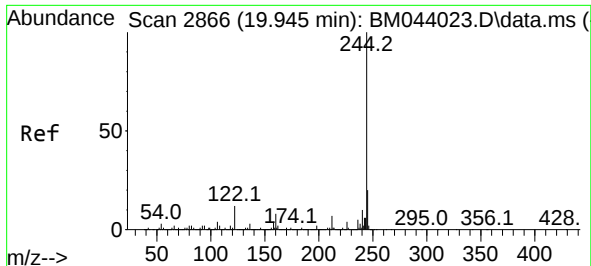
Ion Ratio Lower Upper

202 100

200 42.1 16.8 25.2#

203 14.9 14.0 21.0

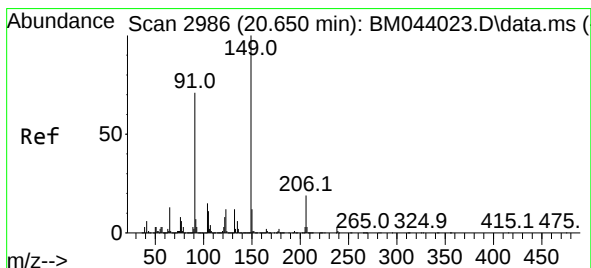
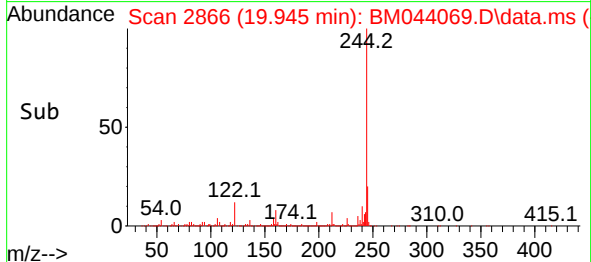
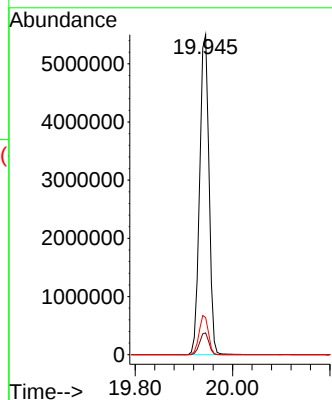
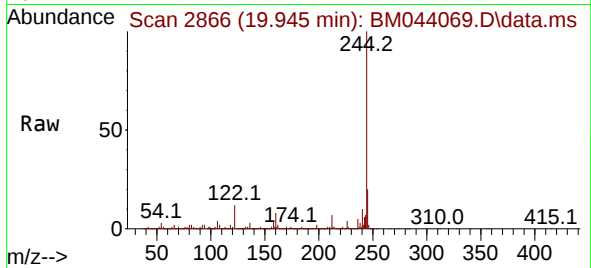




#79
 Terphenyl-d14
 Concen: 87.778 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044069.D
 Acq: 13 Feb 2024 15:42

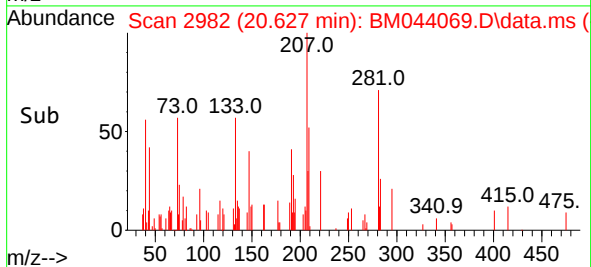
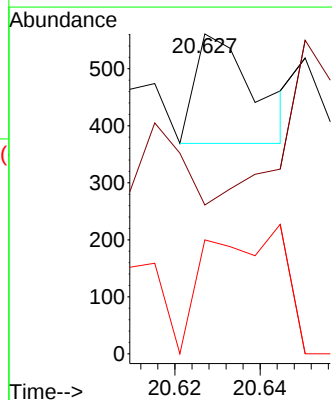
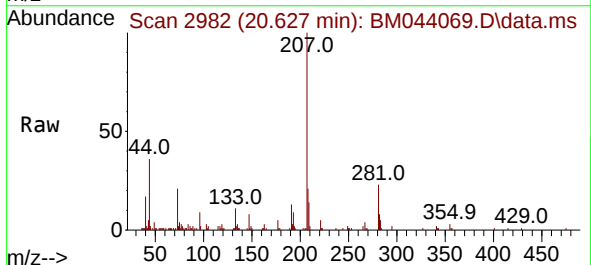
Instrument :
 BNA_M
 ClientSampleId :
 PB158578BL

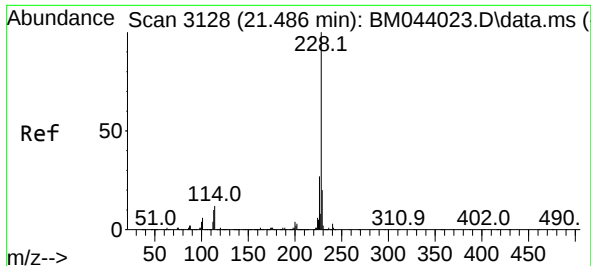
Tgt Ion:244 Resp: 7359366
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.6 9.5 14.3



#80
 Butylbenzylphthalate
 Concen: 0.004 ng
 RT: 20.627 min Scan# 2982
 Delta R.T. -0.023 min
 Lab File: BM044069.D
 Acq: 13 Feb 2024 15:42

Tgt Ion:149 Resp: 184
 Ion Ratio Lower Upper
 149 100
 91 46.5 56.8 85.2#
 206 35.7 15.0 22.6#

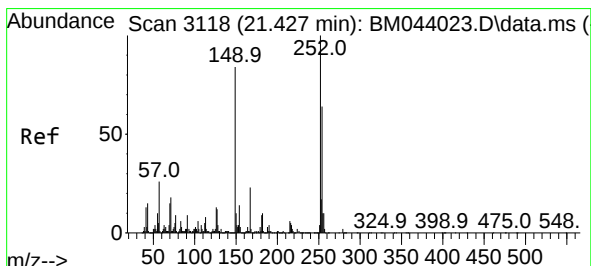
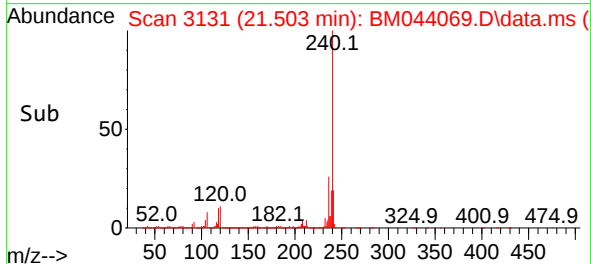
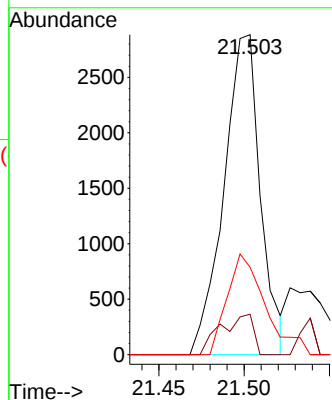
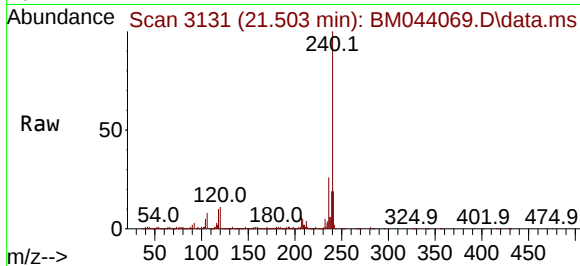




#81
Benzo(a)anthracene
Concen: 0.042 ng
RT: 21.503 min Scan# 3118
Delta R.T. 0.018 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

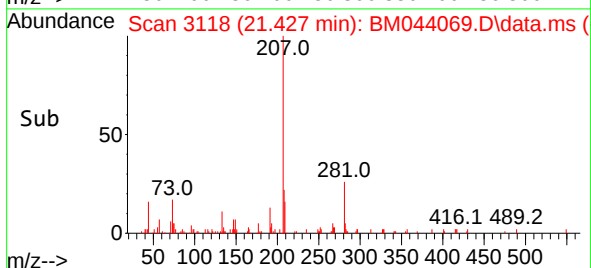
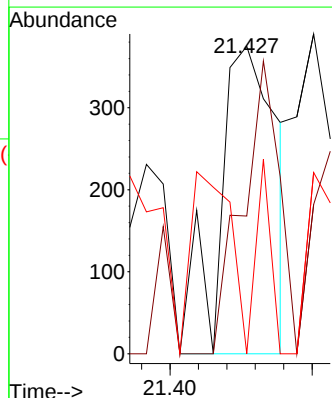
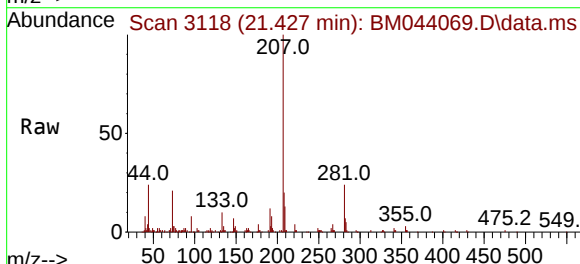
Instrument :
BNA_M
ClientSampleId :
PB158578BL

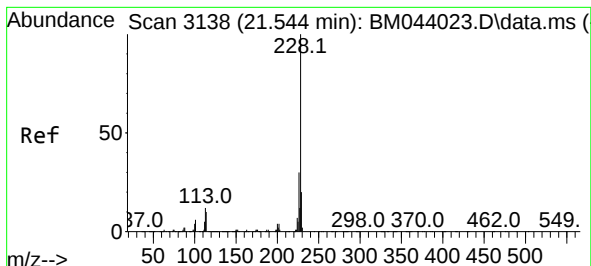
Tgt Ion:228 Resp: 4304
Ion Ratio Lower Upper
228 100
226 12.6 21.4 32.2#
229 27.3 15.9 23.9#



#82
3,3'-Dichlorobenzidine
Concen: 0.016 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion:252 Resp: 526
Ion Ratio Lower Upper
252 100
254 44.8 51.2 76.8#
126 0.0 10.2 15.4#





#83

Chrysene

Concen: 0.009 ng

RT: 21.527 min Scan# 3119

Delta R.T. -0.017 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

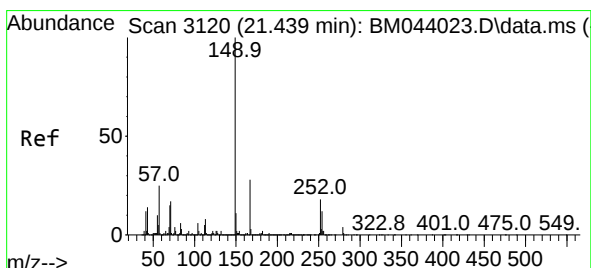
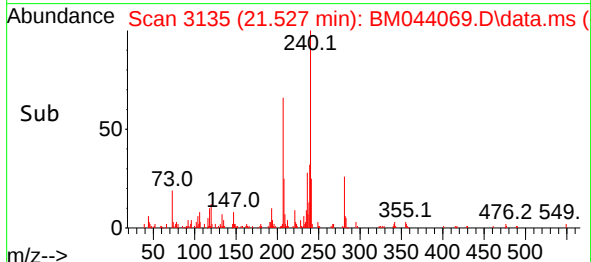
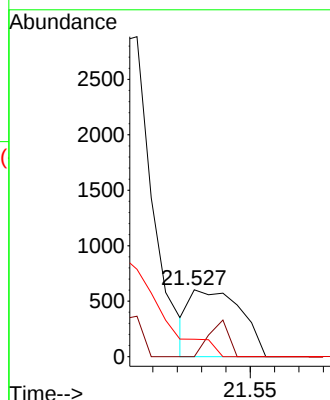
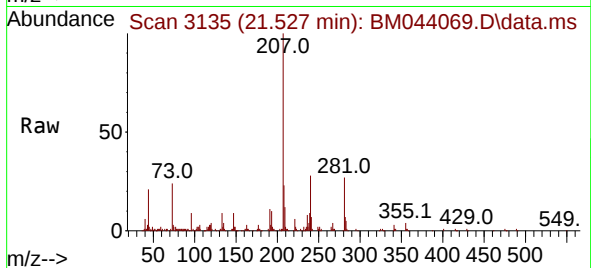
Instrument :

BNA_M

ClientSampleId :

PB158578BL

Tgt Ion:	228	Resp:	884
Ion Ratio	Lower	Upper	
228	100		
226	0.0	24.2	36.2#
229	26.0	15.8	23.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.022 ng

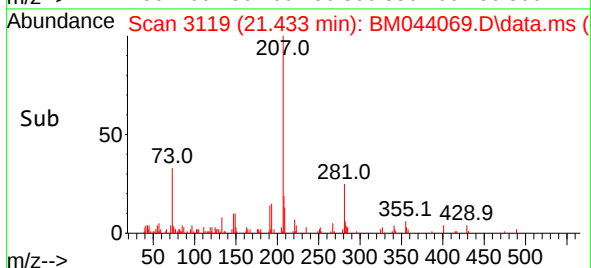
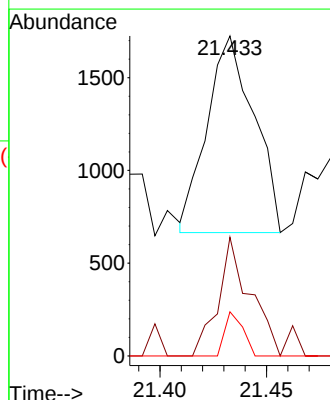
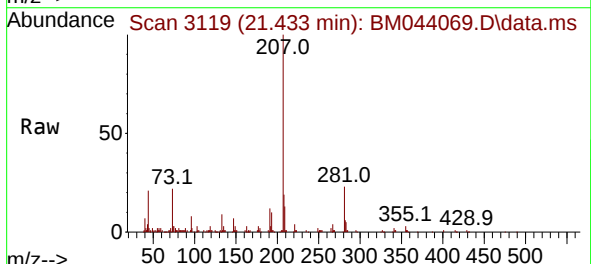
RT: 21.433 min Scan# 3119

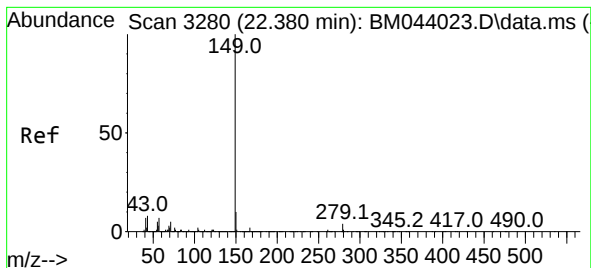
Delta R.T. -0.006 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Tgt Ion:	149	Resp:	1623
Ion Ratio	Lower	Upper	
149	100		
167	37.1	22.6	33.8#
279	13.8	3.1	4.7#





#85

Di-n-octyl phthalate

Concen: 0.005 ng

RT: 22.356 min Scan# 31

Delta R.T. -0.023 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

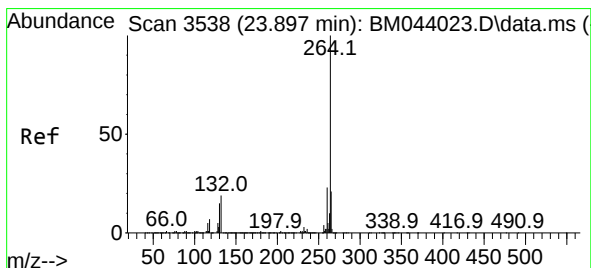
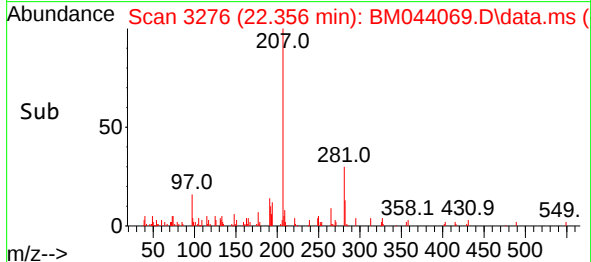
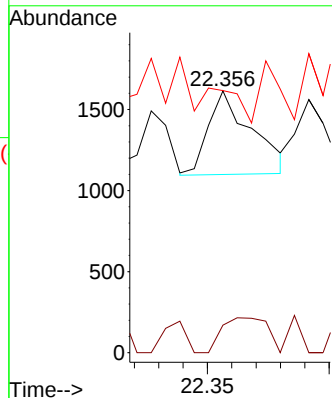
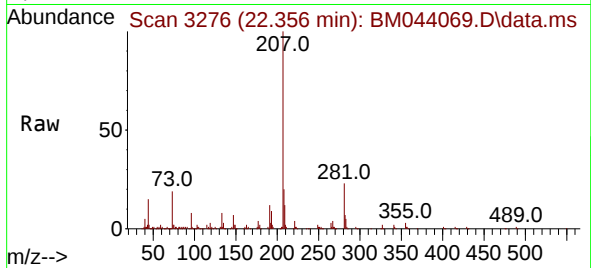
Tgt Ion:149 Resp: 634

Ion Ratio Lower Upper

149 100

167 44.0 1.2 1.8#

43 0.0 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.897 min Scan# 3538

Delta R.T. 0.000 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

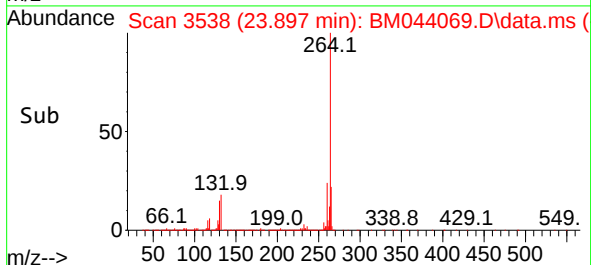
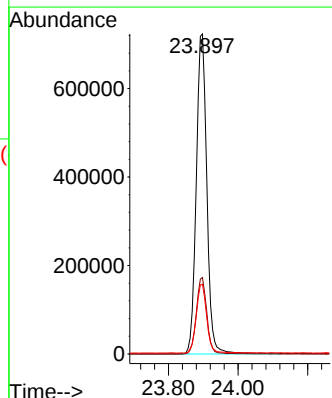
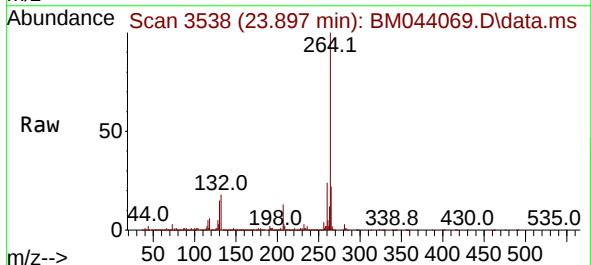
Tgt Ion:264 Resp: 1529106

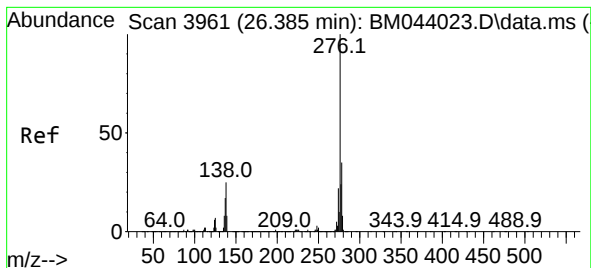
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.007 ng

RT: 26.380 min Scan# 3961

Delta R.T. -0.006 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

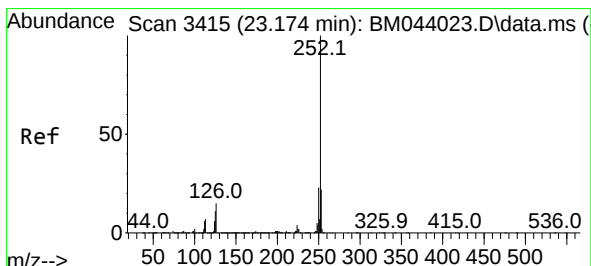
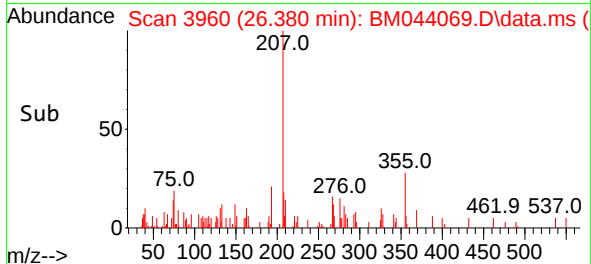
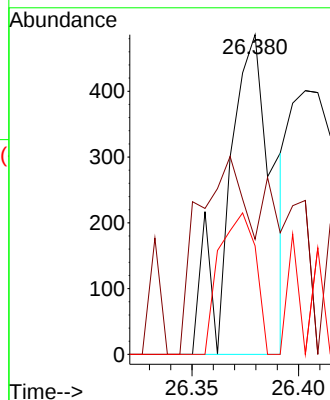
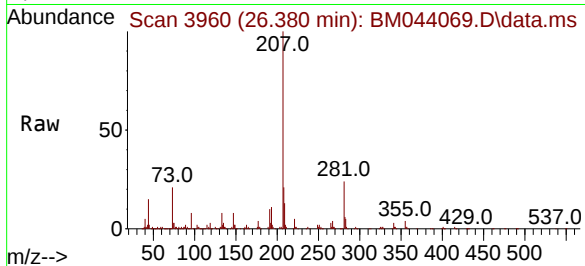
Tgt Ion:276 Resp: 708

Ion Ratio Lower Upper

276 100

138 70.8 22.6 34.0#

277 36.2 20.2 30.2#



#88

Benzo(b)fluoranthene

Concen: 0.014 ng

RT: 23.174 min Scan# 3415

Delta R.T. 0.000 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

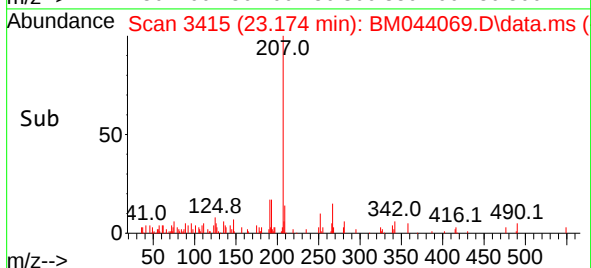
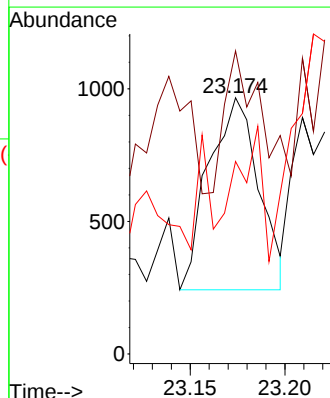
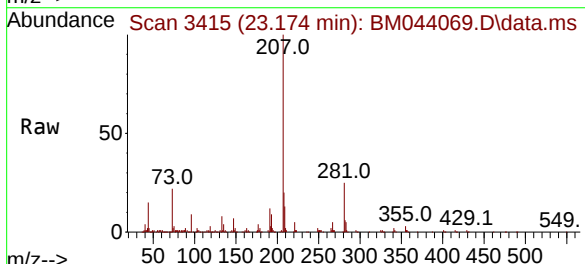
Tgt Ion:252 Resp: 1334

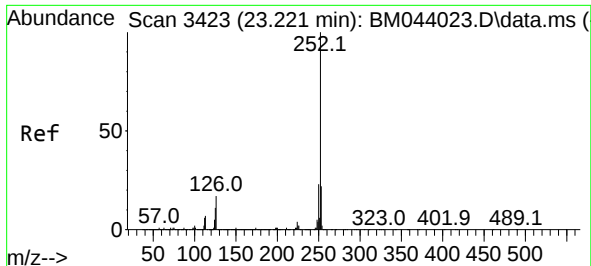
Ion Ratio Lower Upper

252 100

253 118.3 17.6 26.4#

125 75.2 8.8 13.2#

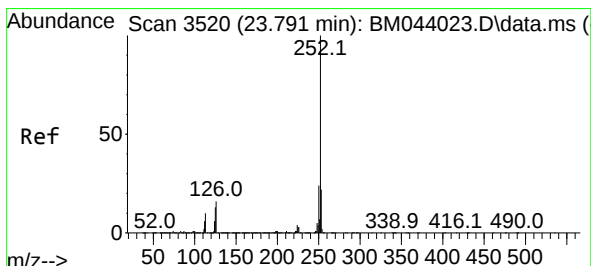
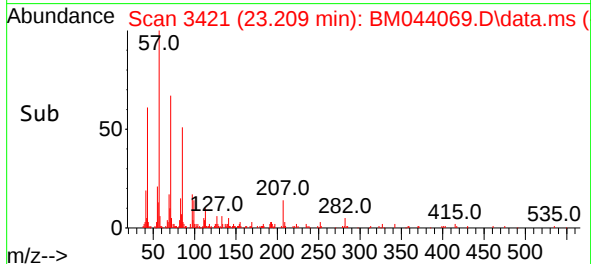
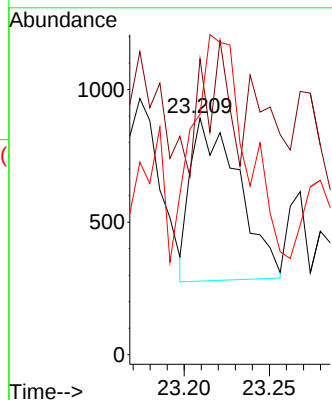
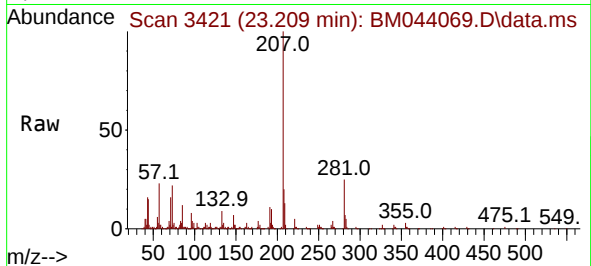




#89
Benzo(k)fluoranthene
Concen: 0.013 ng
RT: 23.209 min Scan# 3423
Delta R.T. -0.012 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

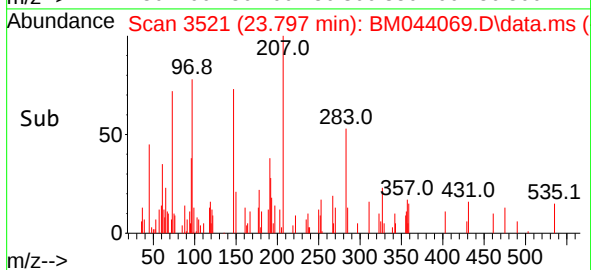
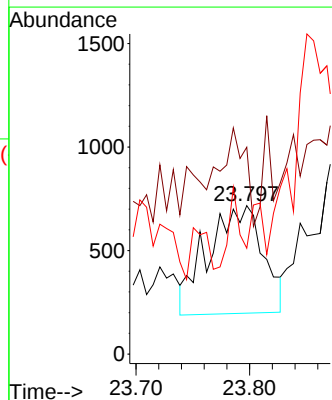
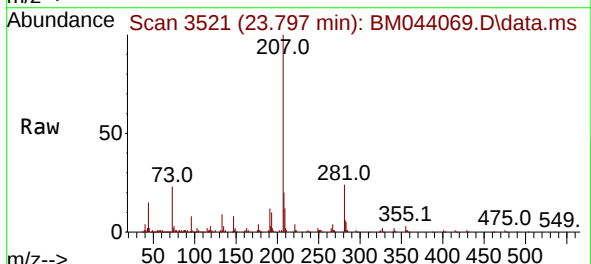
Instrument :
BNA_M
ClientSampleId :
PB158578BL

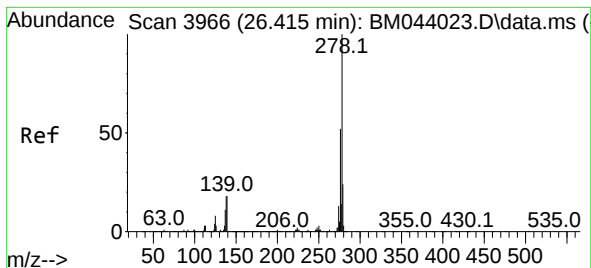
Tgt Ion:252 Resp: 1194
Ion Ratio Lower Upper
252 100
253 125.1 17.7 26.5#
125 101.7 9.0 13.4#



#90
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.797 min Scan# 3521
Delta R.T. 0.006 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion:252 Resp: 1745
Ion Ratio Lower Upper
252 100
253 139.3 17.7 26.5#
125 71.3 10.1 15.1#





#91

Dibenzo(a,h)anthracene

Concen: 0.010 ng

RT: 26.421 min Scan# 3966

Delta R.T. 0.006 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

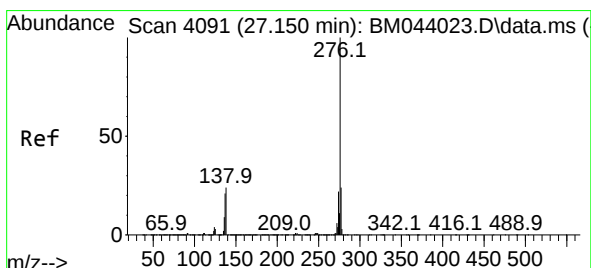
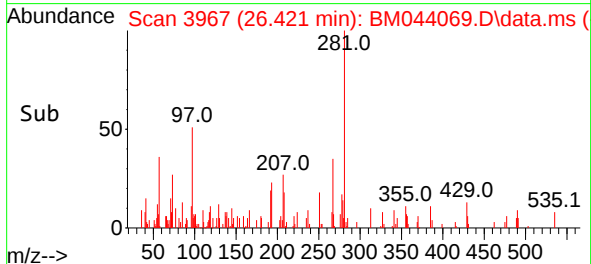
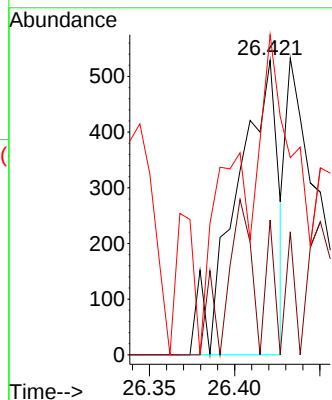
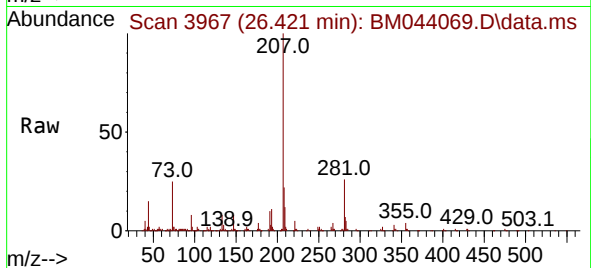
Tgt Ion:278 Resp: 898

Ion Ratio Lower Upper

278 100

139 45.7 14.5 21.7#

279 108.7 18.9 28.3#



#92

Benzo(g,h,i)perylene

Concen: 0.015 ng

RT: 27.138 min Scan# 4089

Delta R.T. -0.012 min

Lab File: BM044069.D

Acq: 13 Feb 2024 15:42

Tgt Ion:276 Resp: 1422

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 56.7 19.1 28.7#

