

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
 Data File : BM044045.D
 Acq On : 09 Feb 2024 18:30
 Operator : MA/JU
 Sample : PB158272BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158272BL

Quant Time: Feb 09 22:57:33 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	7.910	152	458691	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1822763	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	976093	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	1877305	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1429126	20.000	ng	0.00
86) Perylene-d12	23.897	264	1539103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4018871	127.432	ng	0.00
7) Phenol-d6	7.075	99	4874151	121.469	ng	0.00
23) Nitrobenzene-d5	9.081	82	2903290	84.520	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1210954	114.582	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	5815746	84.089	ng	0.00
79) Terphenyl-d14	19.945	244	6947440	85.221	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	560	0.045	ng	# 49
3) Pyridine	3.769	79	350	0.011	ng	# 1
4) n-Nitrosodimethylamine	3.705	42	268	0.021	ng	# 1
6) Aniline	7.240	93	564	0.014	ng	# 48
8) 2-Chlorophenol	7.422	128	88	0.003	ng	# 51
9) Benzaldehyde	7.081	77	7412	0.359	ng	# 3
10) Phenol	7.069	94	935	0.023	ng	# 1
11) bis(2-Chloroethyl)ether	7.357	93	166	0.005	ng	# 21
15) Benzyl Alcohol	8.187	79	853	0.033	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.422	45	1078	0.025	ng	# 1
17) 2-Methylphenol	8.422	107	55	0.002	ng	# 1
18) Hexachloroethane	8.998	117	253	0.018	ng	# 45
19) n-Nitroso-di-n-propyla...	8.739	70	63	0.003	ng	# 1
20) 3+4-Methylphenols	8.769	107	55	0.002	ng	# 1
22) Acetophenone	8.722	105	145	0.003	ng	# 1
24) Nitrobenzene	9.081	77	9381	0.267	ng	# 36
25) Isophorone	9.657	82	364	0.006	ng	# 65
28) bis(2-Chloroethoxy)met...	10.069	93	53	0.001	ng	# 49
31) Naphthalene	10.769	128	192	0.002	ng	# 69
46) 1,1'-Biphenyl	13.180	154	11849	0.154	ng	# 1
48) 2-Nitroaniline	13.722	65	53	0.003	ng	# 1
50) Dimethylphthalate	14.022	163	247	0.003	ng	# 77
51) 2,6-Dinitrotoluene	14.116	165	143	0.009	ng	# 24
52) Acenaphthene	14.551	154	3197	0.057	ng	# 5
57) 2,4-Dinitrotoluene	14.945	165	67	0.003	ng	# 49
60) Diethylphthalate	15.380	149	783	0.010	ng	# 45
63) Azobenzene	15.892	77	268	0.004	ng	# 60
65) 4,6-Dinitro-2-methylph...	15.886	198	54	0.005	ng	# 1
66) n-Nitrosodiphenylamine	16.039	169	41660	0.730	ng	# 41
67) 4-Bromophenyl-phenylether	16.245	248	56	0.003	ng	# 16
71) Phenanthrene	17.345	178	651	0.007	ng	# 45
72) Anthracene	17.439	178	313	0.003	ng	# 60
74) Di-n-butylphthalate	18.292	149	1626	0.013	ng	# 59
75) Fluoranthene	19.368	202	395	0.004	ng	# 7
77) Benzidine	19.580	184	764	0.034	ng	# 68
78) Pyrene	19.945	202	21088	0.192	ng	# 68

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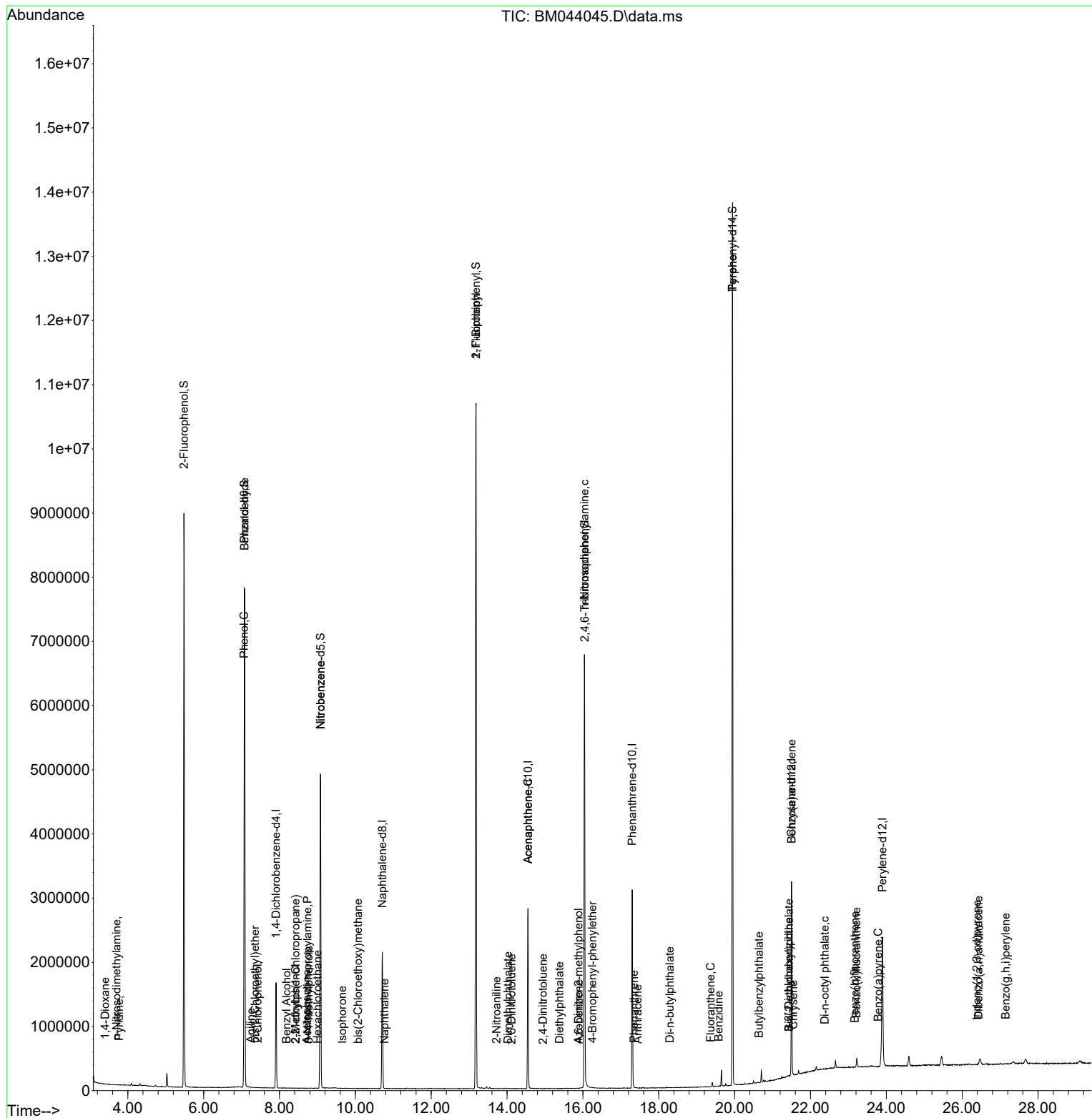
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	20.645	149	590	0.012	ng	# 87
81) Benzo(a)anthracene	21.503	228	4274	0.043	ng	# 82
82) 3,3'-Dichlorobenzidine	21.427	252	621	0.019	ng	# 71
83) Chrysene	21.545	228	801	0.009	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.433	149	1868	0.026	ng	# 87
85) Di-n-octyl phthalate	22.374	149	295	0.002	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.385	276	644	0.006	ng	# 70
88) Benzo(b)fluoranthene	23.168	252	683	0.007	ng	# 1
89) Benzo(k)fluoranthene	23.209	252	516	0.006	ng	# 1
90) Benzo(a)pyrene	23.786	252	559	0.007	ng	# 1
91) Dibenzo(a,h)anthracene	26.427	278	681	0.007	ng	# 1
92) Benzo(g,h,i)perylene	27.144	276	283	0.003	ng	# 52

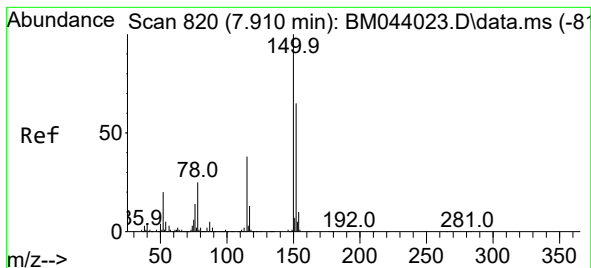
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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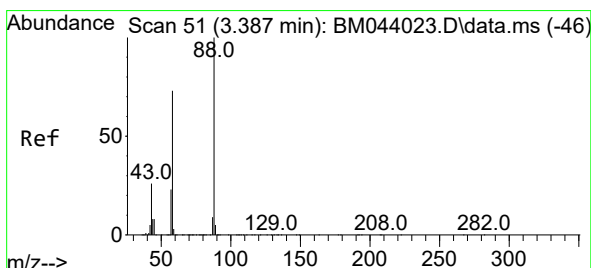
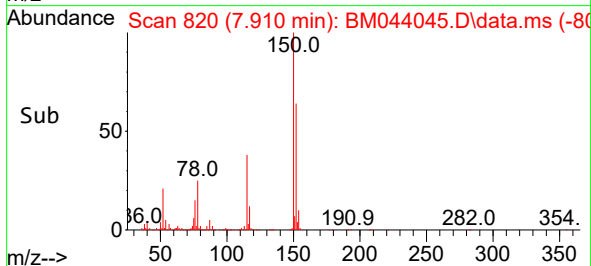
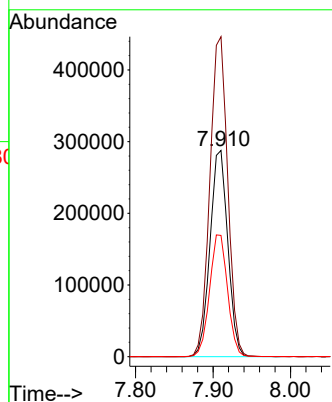
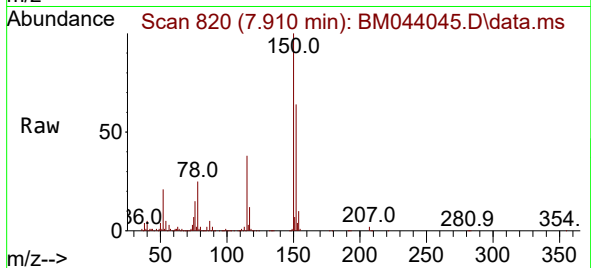




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM044045.D
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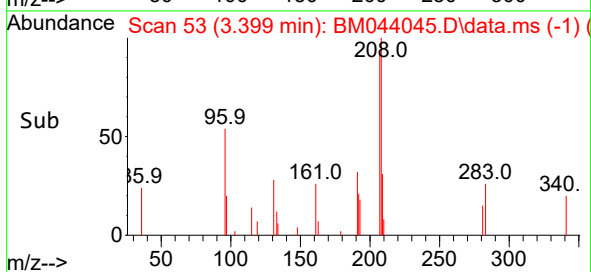
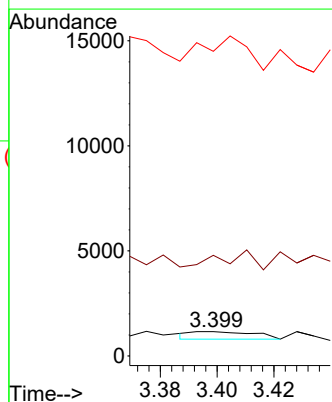
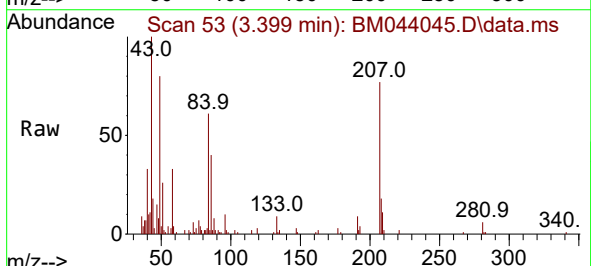
Instrument :
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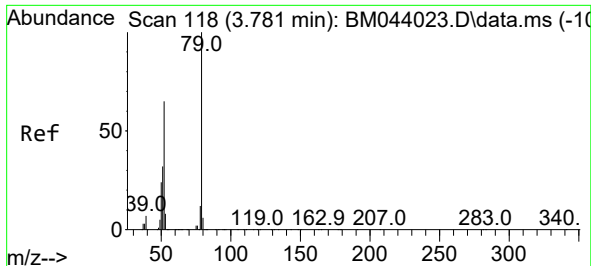
Tgt Ion:152 Resp: 458691
 Ion Ratio Lower Upper
 152 100
 150 155.2 122.7 184.1
 115 58.8 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.045 ng
 RT: 3.399 min Scan# 53
 Delta R.T. 0.012 min
 Lab File: BM044045.D
 Acq: 09 Feb 2024 18:30

Tgt Ion: 88 Resp: 560
 Ion Ratio Lower Upper
 88 100
 58 30.0 58.1 87.1#
 43 0.0 21.1 31.7#

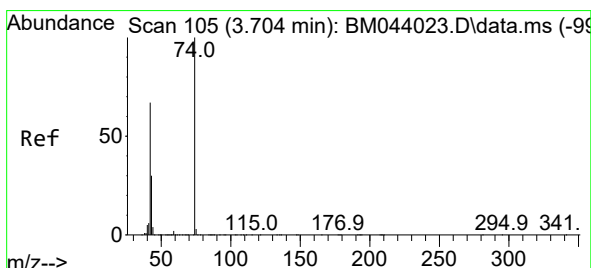
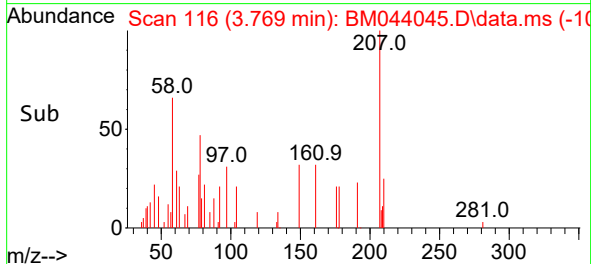
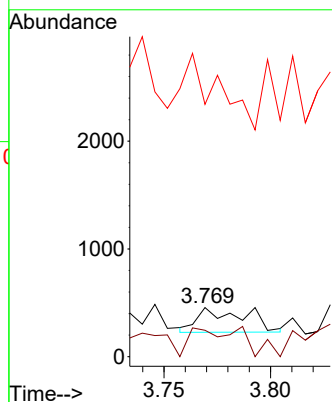
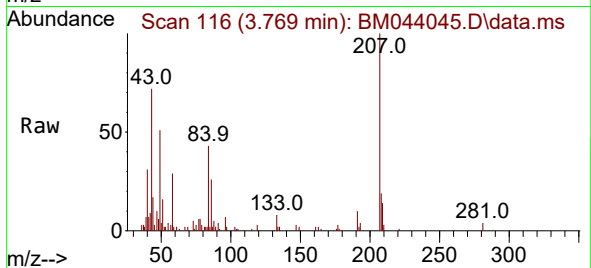




#3
 Pyridine
 Concen: 0.011 ng
 RT: 3.769 min Scan# 118
 Delta R.T. -0.012 min
 Lab File: BM044045.D
 Acq: 09 Feb 2024 18:30

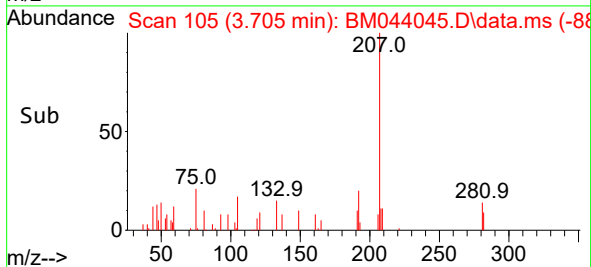
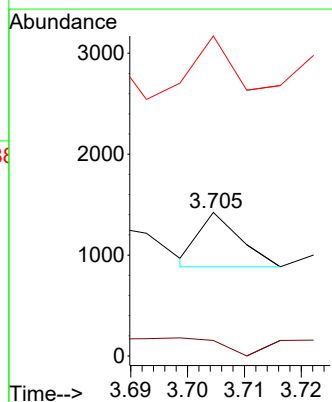
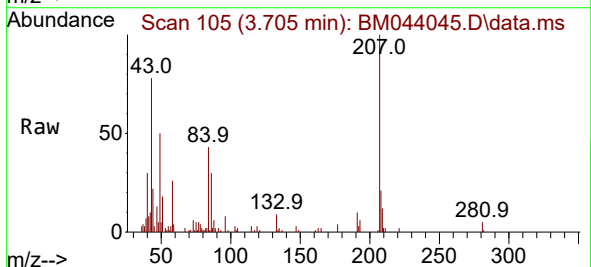
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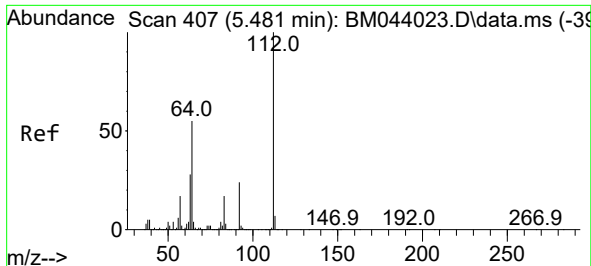
Tgt Ion: 79 Resp: 350
 Ion Ratio Lower Upper
 79 100
 52 53.7 52.2 78.2
 51 513.6 26.2 39.4#



#4
 n-Nitrosodimethylamine
 Concen: 0.021 ng
 RT: 3.705 min Scan# 105
 Delta R.T. 0.000 min
 Lab File: BM044045.D
 Acq: 09 Feb 2024 18:30

Tgt Ion: 42 Resp: 268
 Ion Ratio Lower Upper
 42 100
 74 10.8 118.6 178.0#
 44 223.1 5.6 8.4#

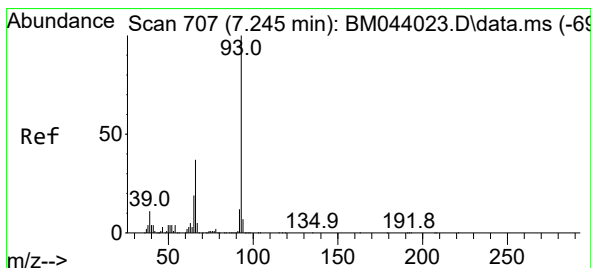
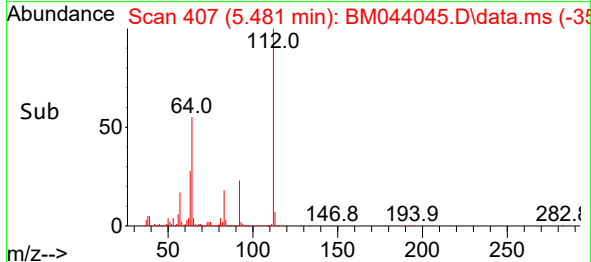
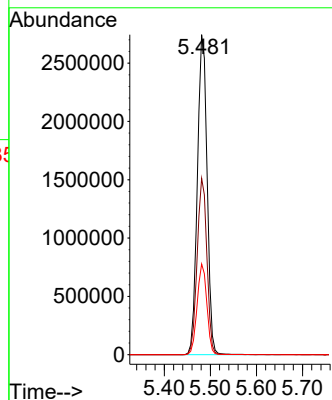
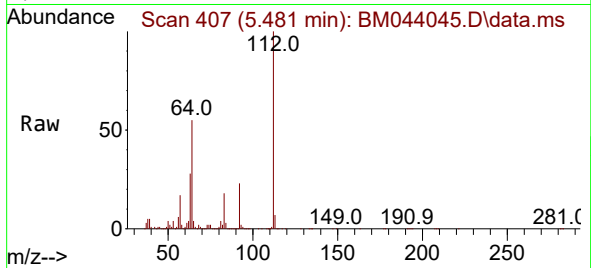




#5
2-Fluorophenol
Concen: 127.432 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

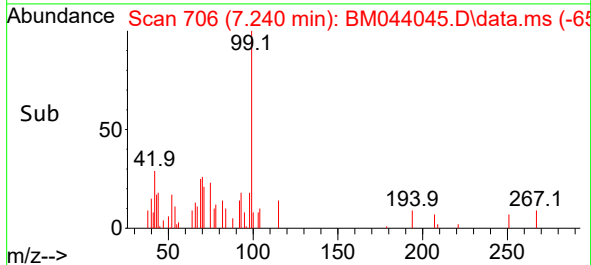
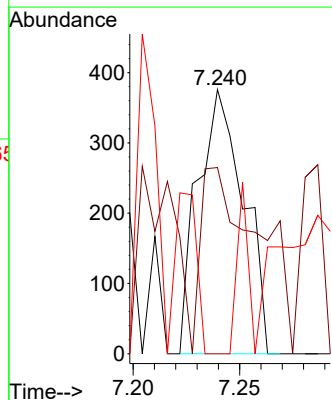
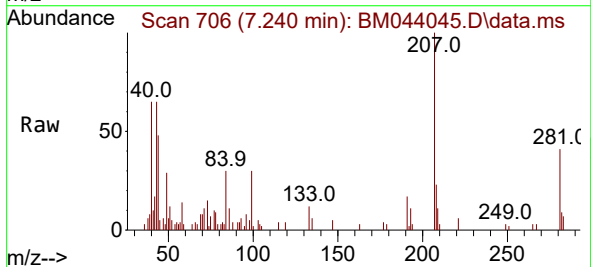
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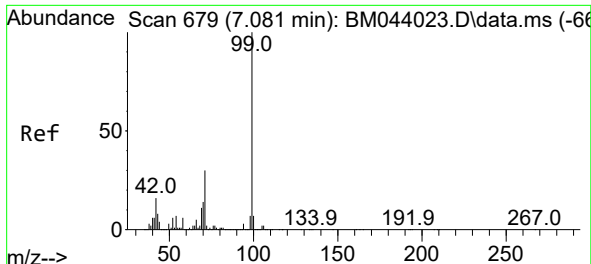
Tgt Ion:112 Resp: 4018871
Ion Ratio Lower Upper
112 100
64 55.1 44.2 66.4
63 28.3 22.6 34.0



#6
Aniline
Concen: 0.014 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion: 93 Resp: 564
Ion Ratio Lower Upper
93 100
66 70.5 29.4 44.0#
65 0.0 15.2 22.8#

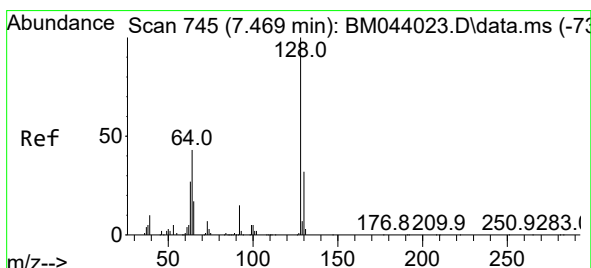
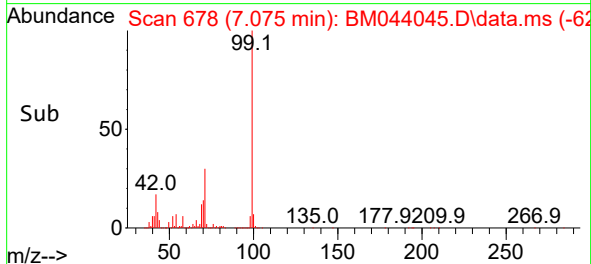
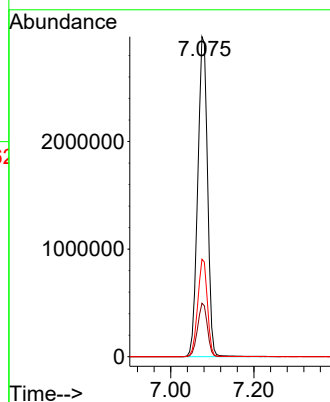
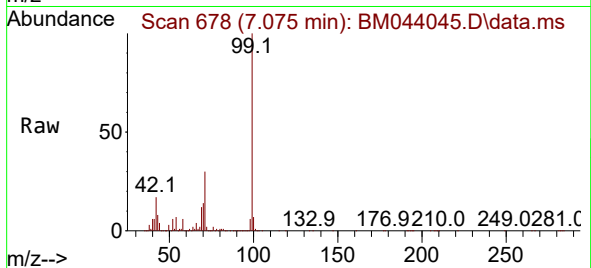




#7
Phenol-d6
Concen: 121.469 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

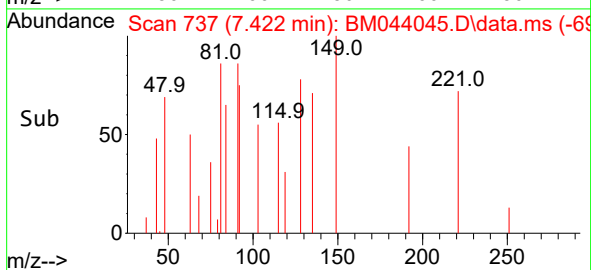
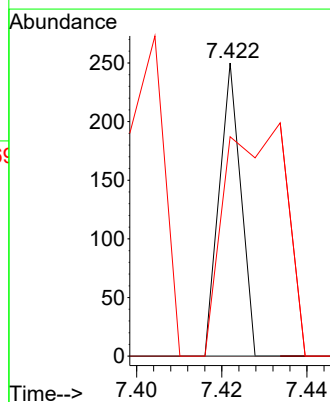
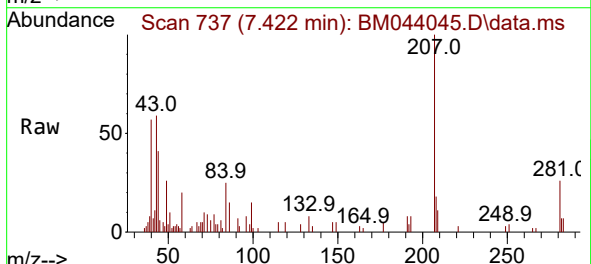
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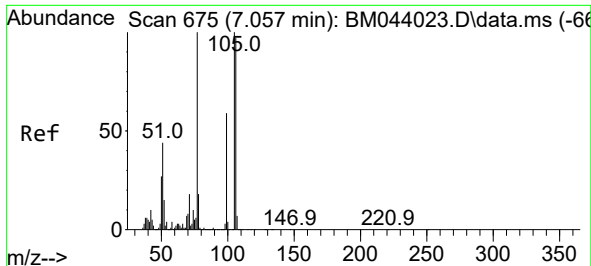
Tgt Ion: 99 Resp: 4874151
Ion Ratio Lower Upper
99 100
42 16.7 12.9 19.3
71 30.4 23.9 35.9



#8
2-Chlorophenol
Concen: 0.003 ng
RT: 7.422 min Scan# 737
Delta R.T. -0.047 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion: 128 Resp: 88
Ion Ratio Lower Upper
128 100
130 0.0 12.1 52.1#
64 74.8 26.0 66.0#

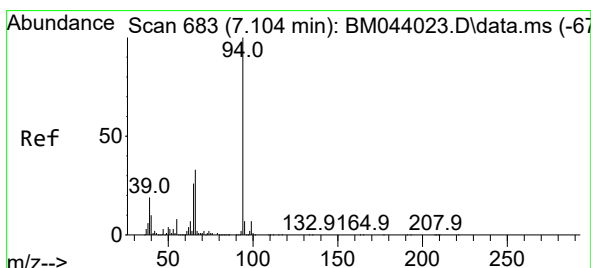
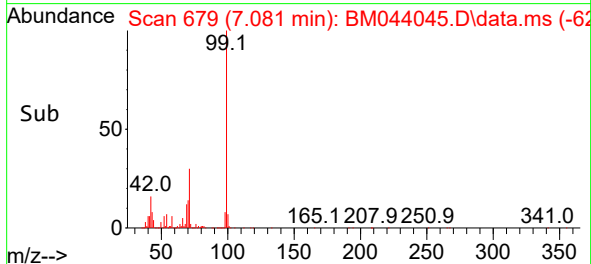
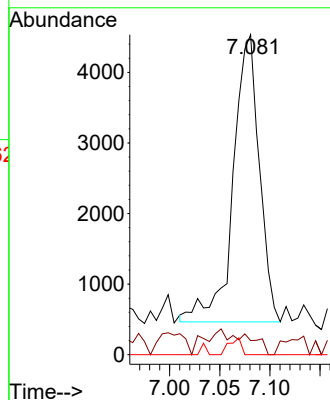
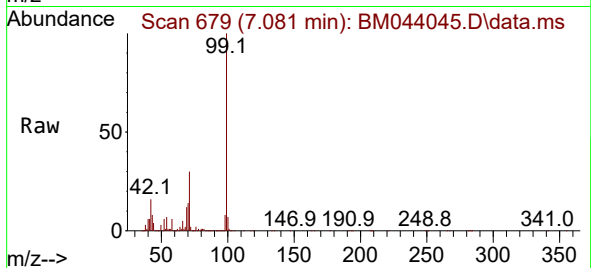




#9
Benzaldehyde
Concen: 0.359 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.024 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

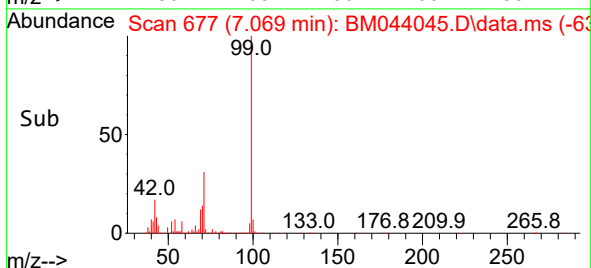
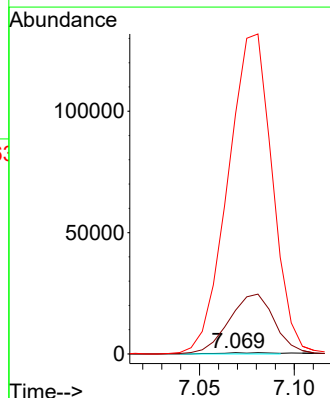
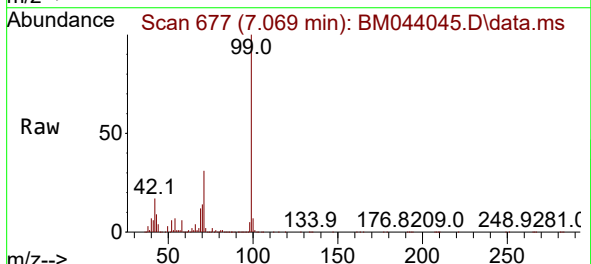
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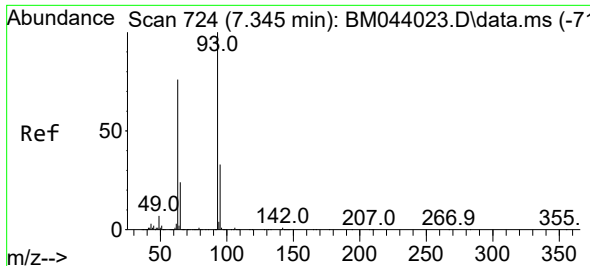
Tgt Ion: 77 Resp: 7412
Ion Ratio Lower Upper
77 100
105 4.4 80.0 120.0#
106 0.0 76.8 116.8#



#10
Phenol
Concen: 0.023 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.035 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion: 94 Resp: 935
Ion Ratio Lower Upper
94 100
65 3481.6 6.4 46.4#
66 19131.9 13.2 53.2#

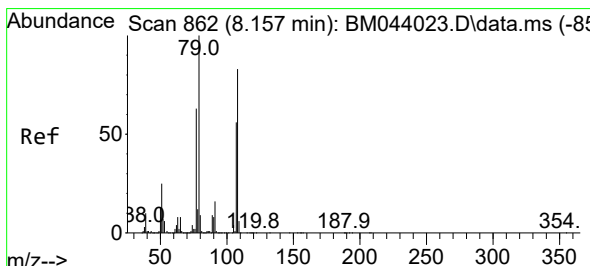
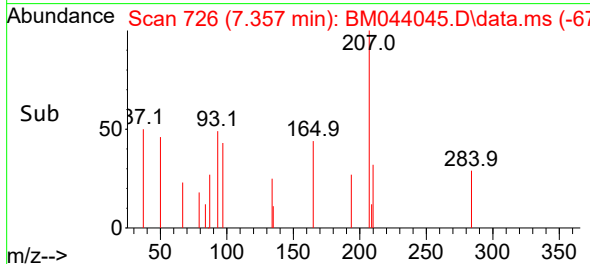
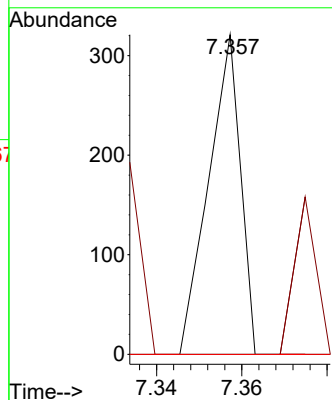
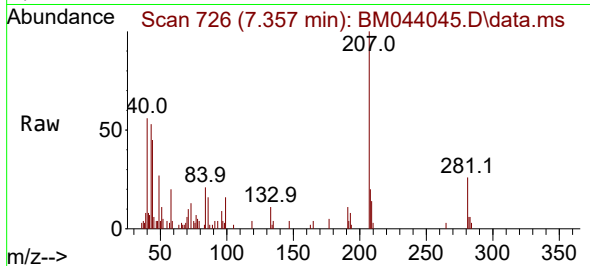




#11
bis(2-Chloroethyl)ether
Concen: 0.005 ng
RT: 7.357 min Scan# 71
Delta R.T. 0.012 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

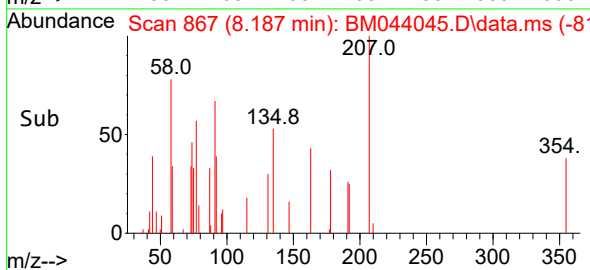
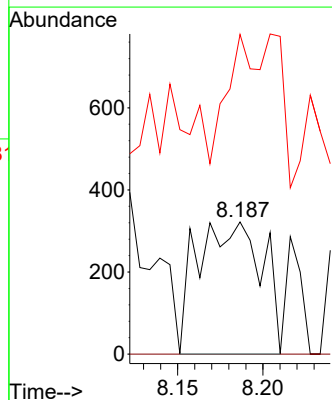
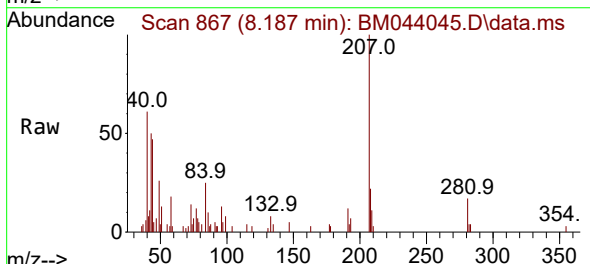
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ClientSampleId :
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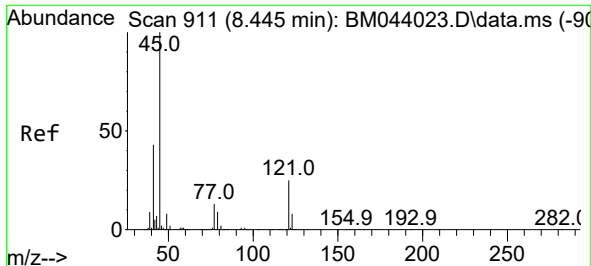
Tgt Ion: 93 Resp: 166
Ion Ratio Lower Upper
93 100
63 0.0 55.9 95.9#
95 0.0 13.0 53.0#



#15
Benzyl Alcohol
Concen: 0.033 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.030 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion: 79 Resp: 853
Ion Ratio Lower Upper
79 100
108 0.0 66.0 99.0#
77 241.9 50.4 75.6#

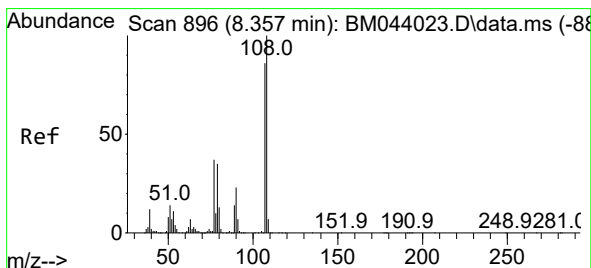
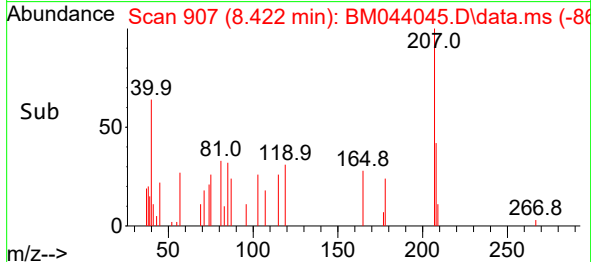
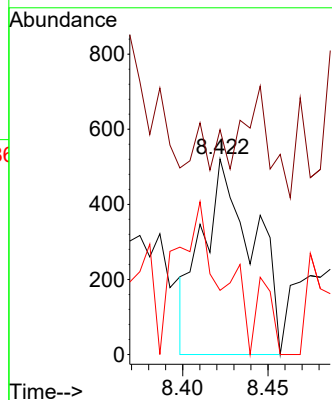
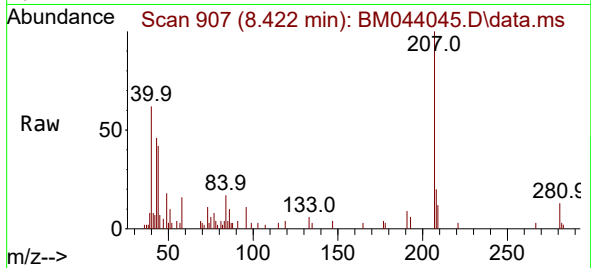




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.025 ng
RT: 8.422 min Scan# 907
Delta R.T. -0.023 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

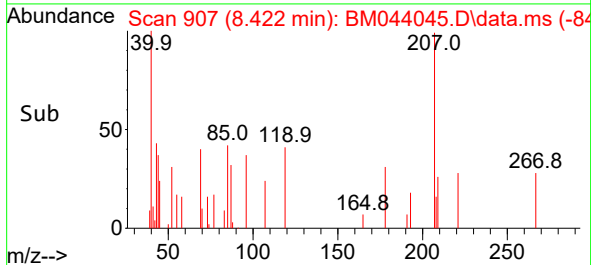
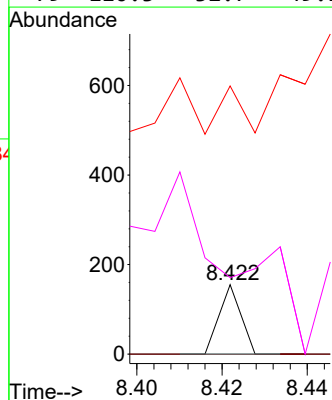
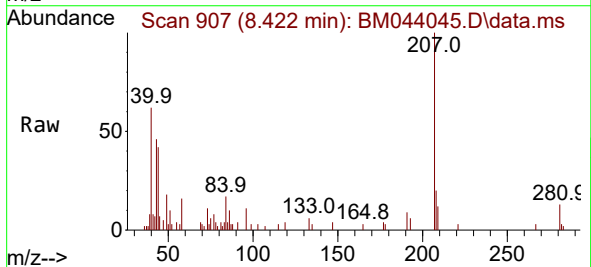
Instrument :
BNA_M
ClientSampleId :
PB158272BL

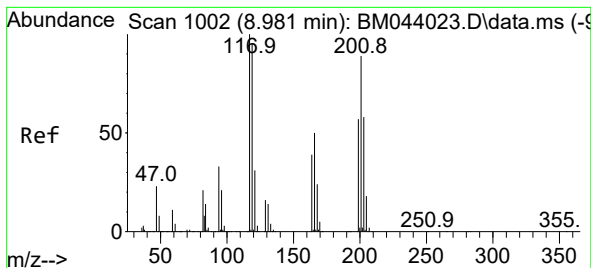
Tgt Ion: 45 Resp: 1078
Ion Ratio Lower Upper
45 100
77 115.0 0.0 35.1#
79 32.8 0.0 31.5#



#17
2-Methylphenol
Concen: 0.002 ng
RT: 8.422 min Scan# 907
Delta R.T. 0.065 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion: 107 Resp: 55
Ion Ratio Lower Upper
107 100
108 0.0 93.4 140.2#
77 386.5 34.7 52.1#
79 110.3 32.7 49.1#





#18

Hexachloroethane

Concen: 0.018 ng

RT: 8.998 min Scan# 11

Delta R.T. 0.018 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

Instrument :

BNA_M

ClientSampleId :

PB158272BL

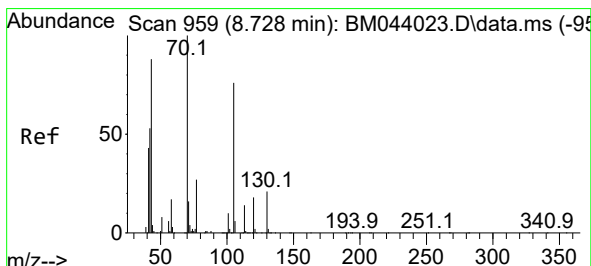
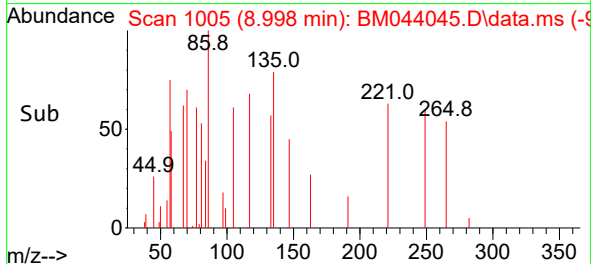
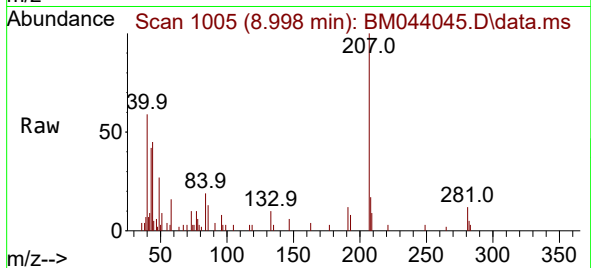
Tgt Ion:117 Resp: 253

Ion Ratio Lower Upper

117 100

119 110.3 75.7 113.5

201 0.0 71.5 107.3#



#19

n-Nitroso-di-n-propylamine

Concen: 0.003 ng

RT: 8.739 min Scan# 961

Delta R.T. 0.012 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

Tgt Ion: 70 Resp: 63

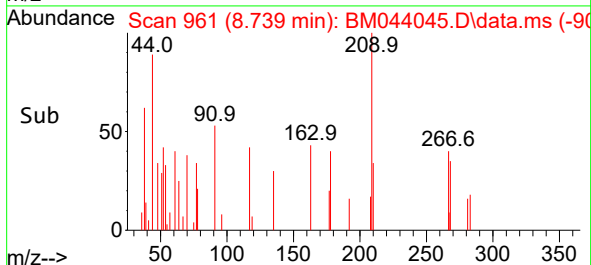
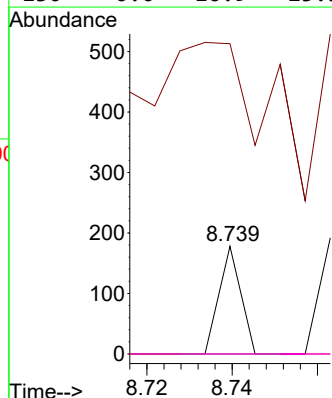
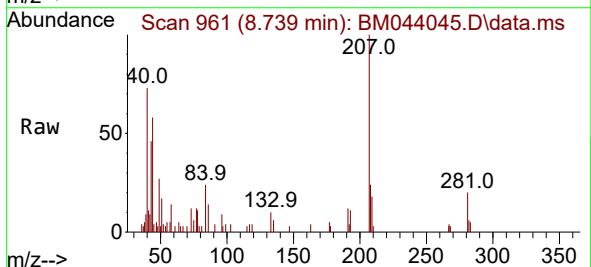
Ion Ratio Lower Upper

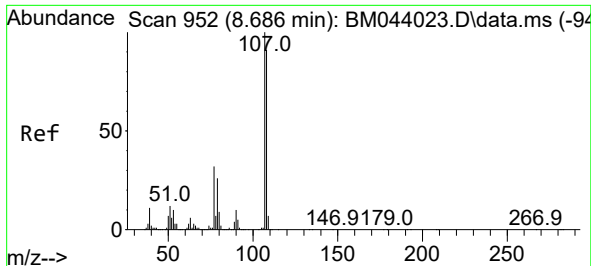
70 100

42 288.2 42.6 64.0#

101 0.0 7.8 11.6#

130 0.0 16.9 25.3#

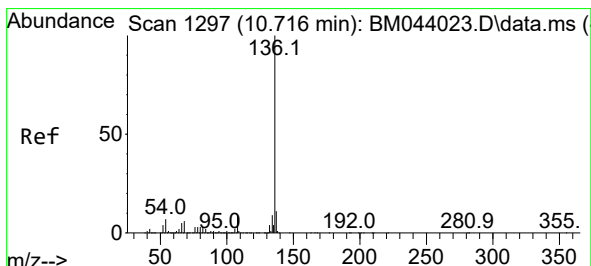
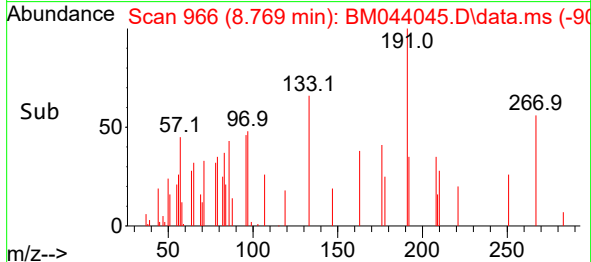
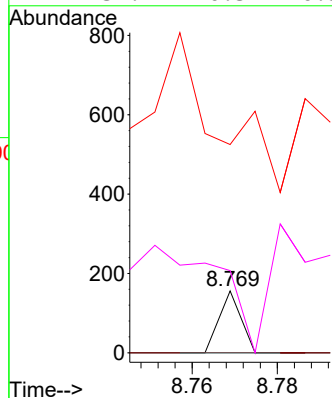
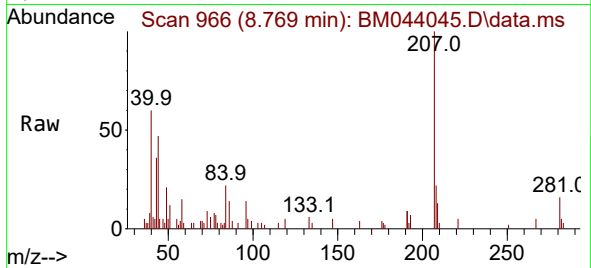




#20
3+4-Methylphenols
Concen: 0.002 ng
RT: 8.769 min Scan# 90
Delta R.T. 0.082 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

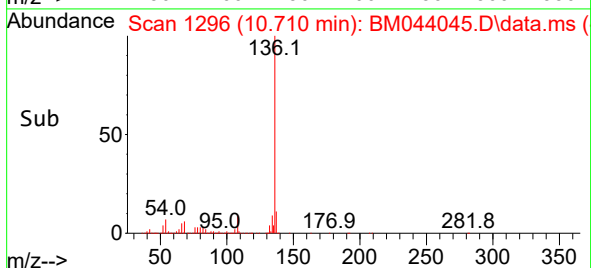
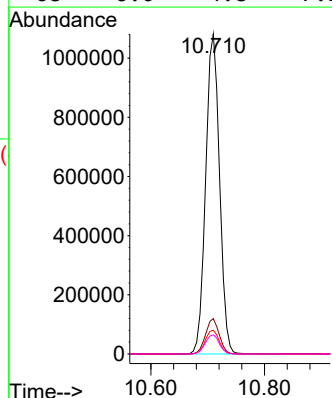
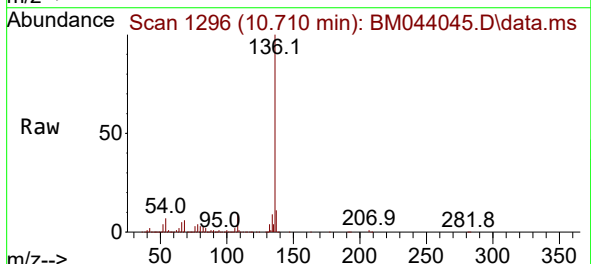
Instrument :
BNA_M
ClientSampleId :
PB158272BL

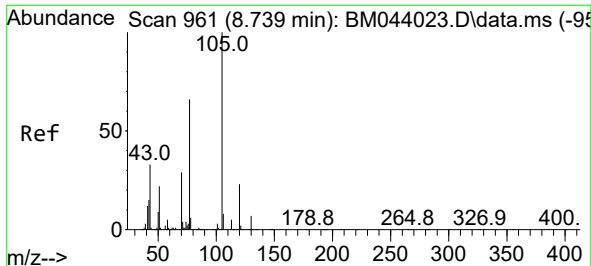
Tgt Ion:107	Resp:	55
Ion	Ratio	Lower Upper
107	100	
108	0.0	71.5 111.5#
77	336.5	11.8 51.8#
79	132.7	6.3 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion:136	Resp:	1822763
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.4	5.9 8.9
68	6.0	4.8 7.2

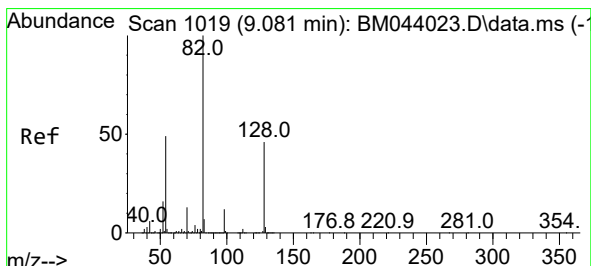
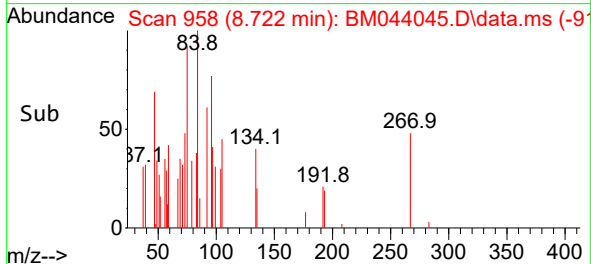
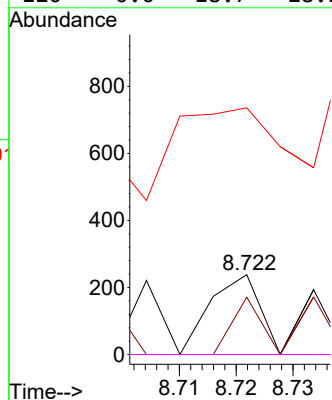
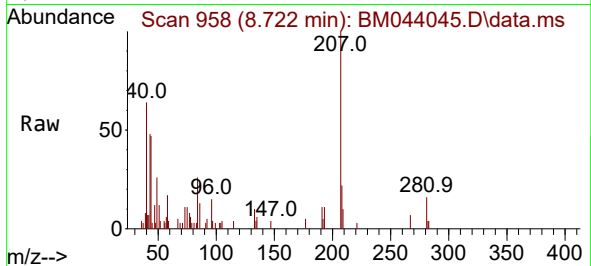




#22
Acetophenone
Concen: 0.003 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

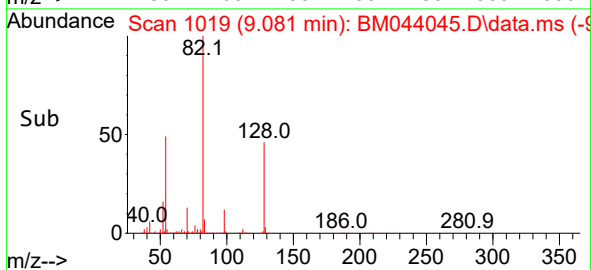
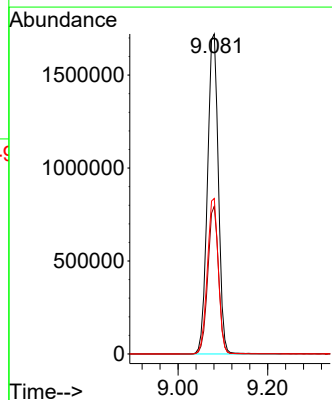
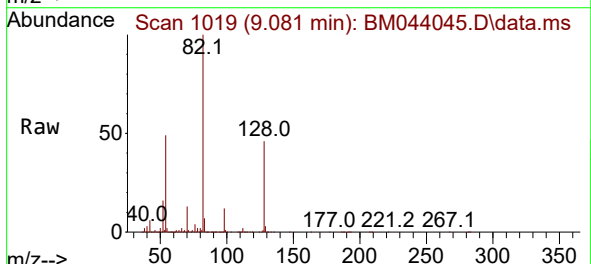
Instrument :
BNA_M
ClientSampleId :
PB158272BL

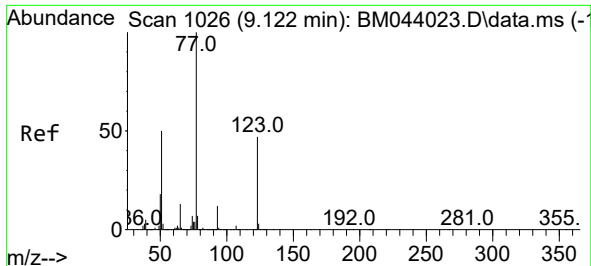
Tgt Ion:105 Resp: 145
Ion Ratio Lower Upper
105 100
71 71.8 4.0 6.0#
51 309.2 20.1 30.1#
120 0.0 18.7 28.1#



#23
Nitrobenzene-d5
Concen: 84.520 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion: 82 Resp: 2903290
Ion Ratio Lower Upper
82 100
128 46.2 37.1 55.7
54 48.6 38.9 58.3

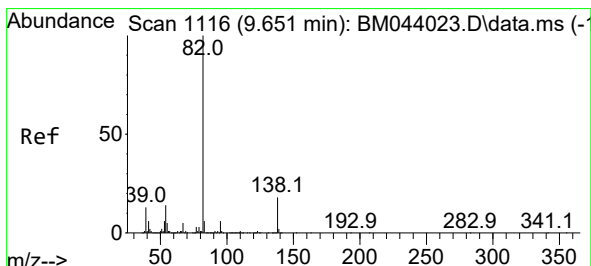
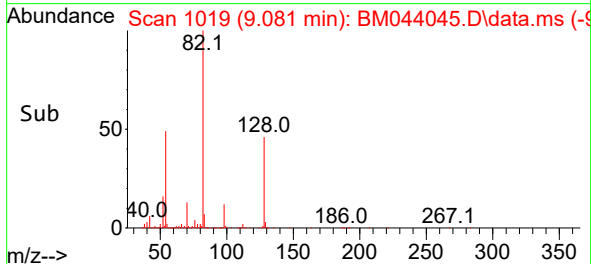
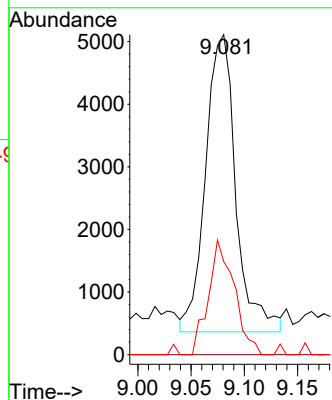
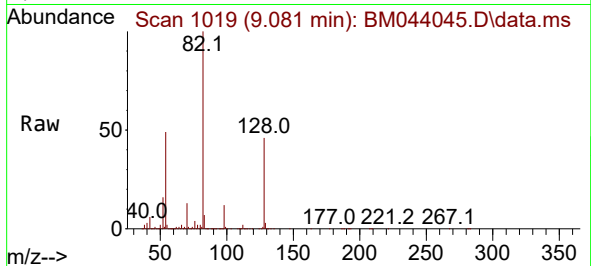




#24
Nitrobenzene
Concen: 0.267 ng
RT: 9.081 min Scan# 1026
Delta R.T. -0.041 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

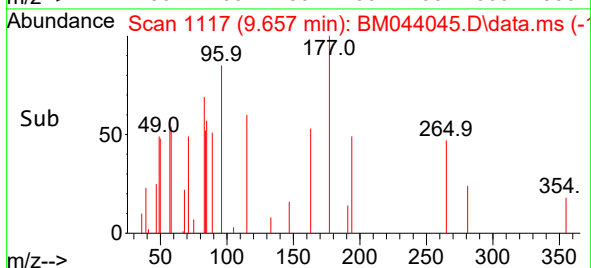
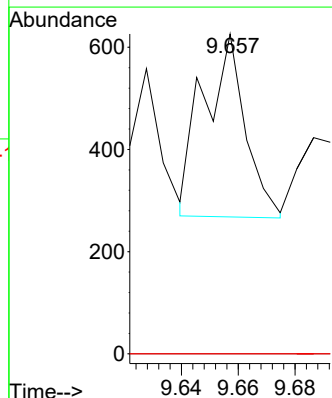
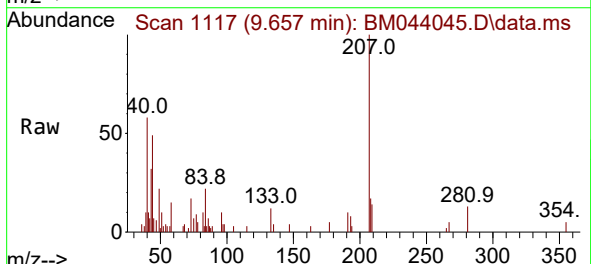
Instrument :
BNA_M
ClientSampleId :
PB158272BL

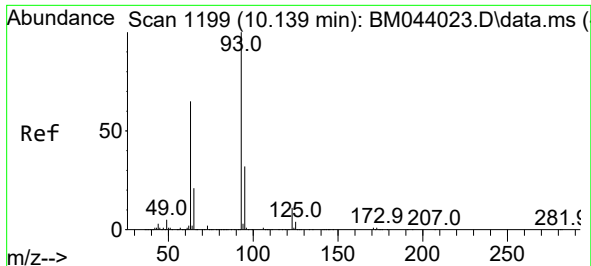
Tgt Ion: 77 Resp: 9381
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.8#
65 29.1 10.5 15.7#



#25
Isophorone
Concen: 0.006 ng
RT: 9.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion: 82 Resp: 364
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.3 21.5#

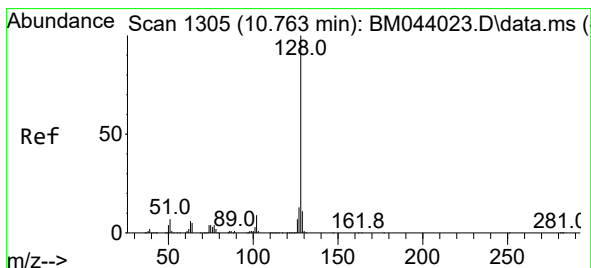
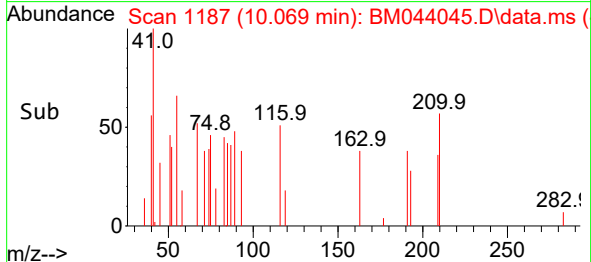
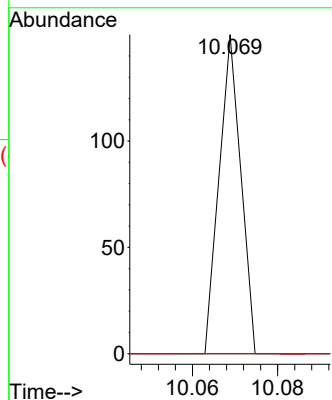
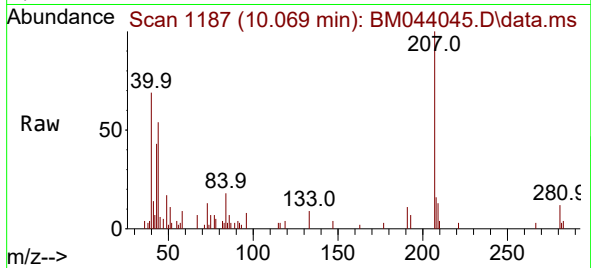




#28
bis(2-Chloroethoxy)methane
Concen: 0.001 ng
RT: 10.069 min Scan# 1199
Delta R.T. -0.070 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

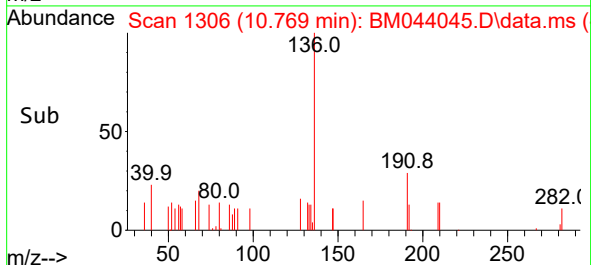
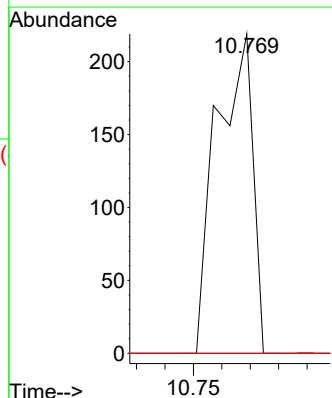
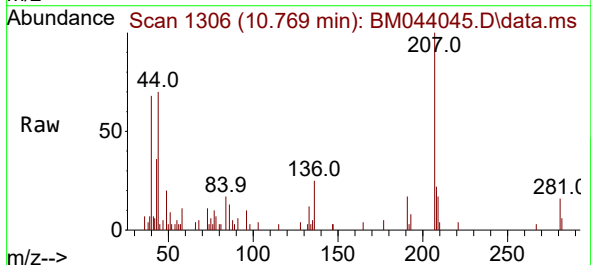
Instrument :
BNA_M
ClientSampleId :
PB158272BL

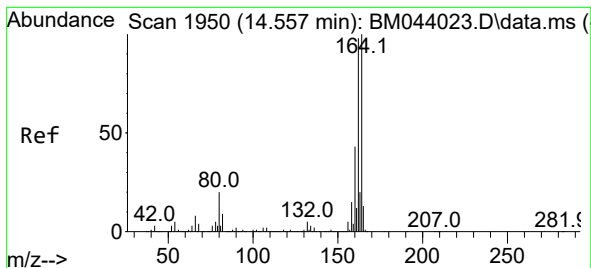
Tgt Ion: 93 Resp: 53
Ion Ratio Lower Upper
93 100
95 0.0 26.0 39.0#
123 0.0 9.2 13.8#



#31
Naphthalene
Concen: 0.002 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion: 128 Resp: 192
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.3 15.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

Instrument :

BNA_M

ClientSampleId :

PB158272BL

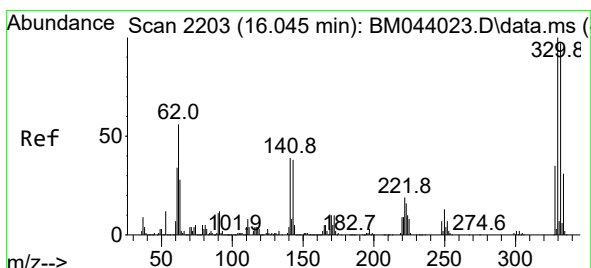
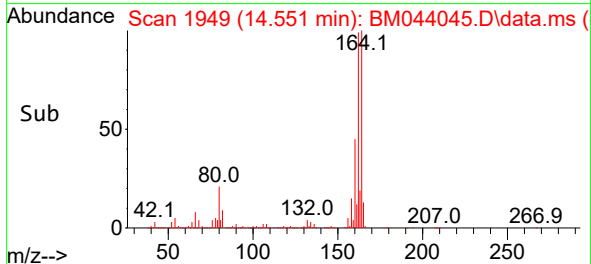
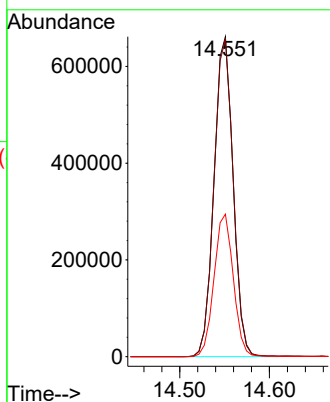
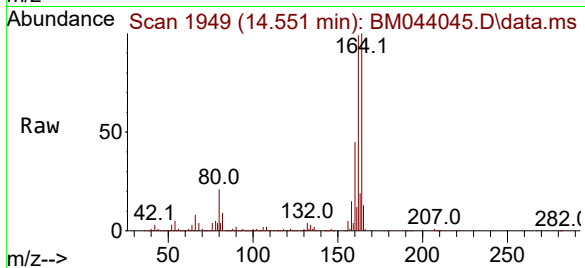
Tgt Ion:164 Resp: 976093

Ion Ratio Lower Upper

164 100

162 99.2 78.4 117.6

160 44.6 34.6 51.8



#42

2,4,6-Tribromophenol

Concen: 114.582 ng

RT: 16.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

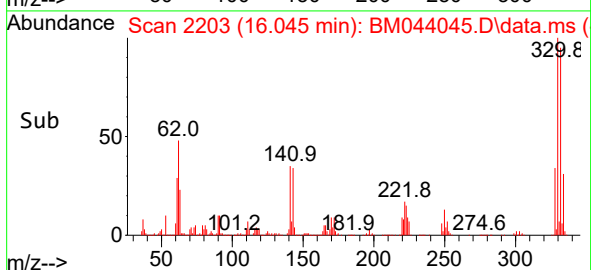
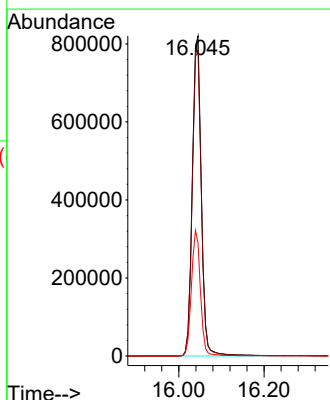
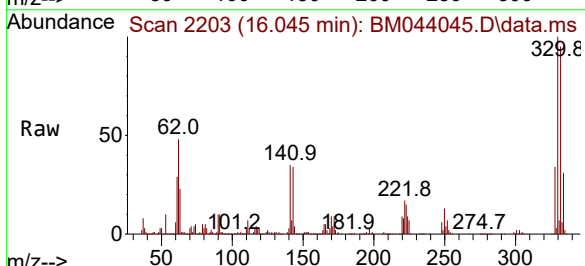
Tgt Ion:330 Resp: 1210954

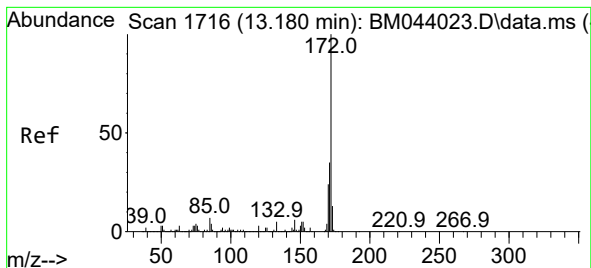
Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 39.0 31.0 46.4





#45

2-Fluorobiphenyl

Concen: 84.089 ng

RT: 13.180 min Scan# 1716

Delta R.T. 0.000 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

Instrument :

BNA_M

ClientSampleId :

PB158272BL

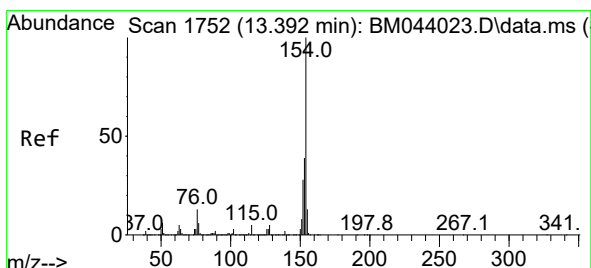
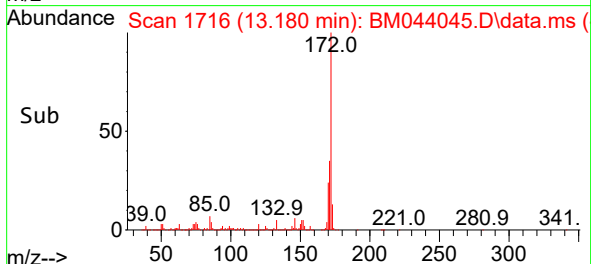
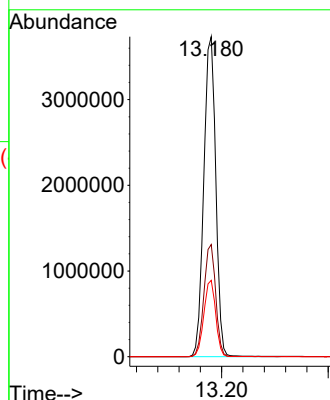
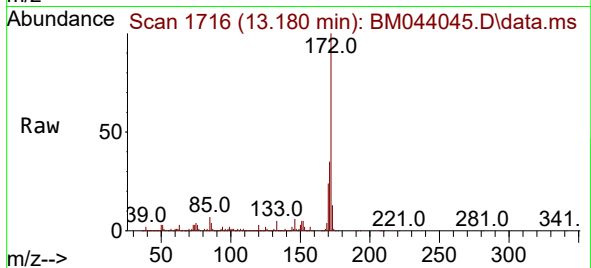
Tgt Ion:172 Resp: 5815746

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 0.154 ng

RT: 13.180 min Scan# 1716

Delta R.T. -0.212 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

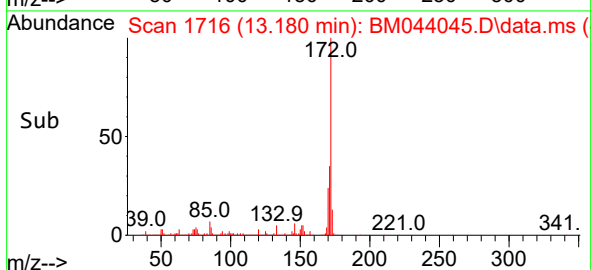
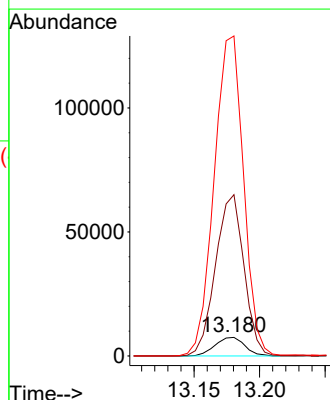
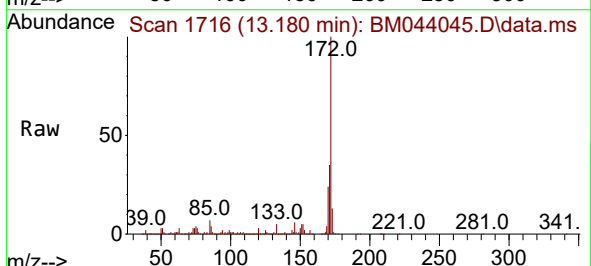
Tgt Ion:154 Resp: 11849

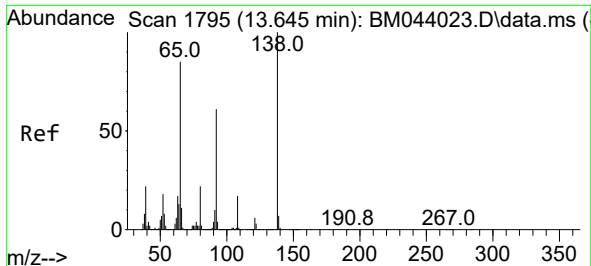
Ion Ratio Lower Upper

154 100

153 867.8 19.4 59.4#

76 1721.2 0.0 32.9#

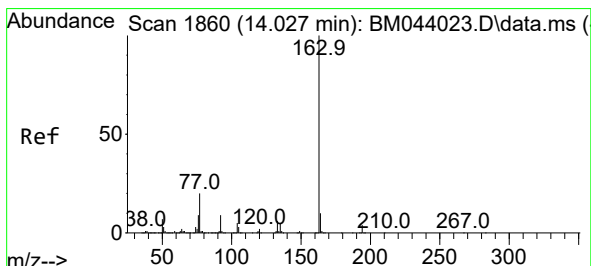
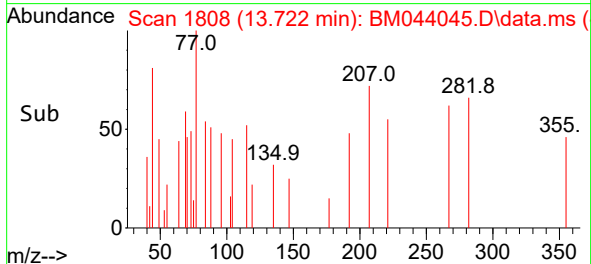
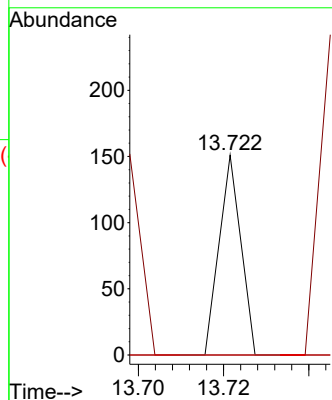
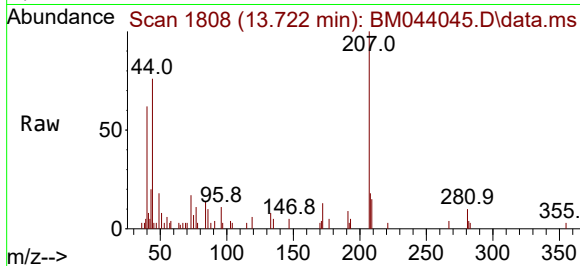




#48
2-Nitroaniline
Concen: 0.003 ng
RT: 13.722 min Scan# 1808
Delta R.T. 0.077 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

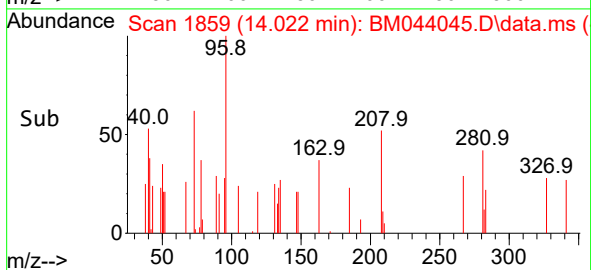
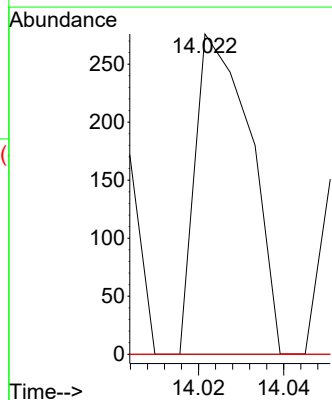
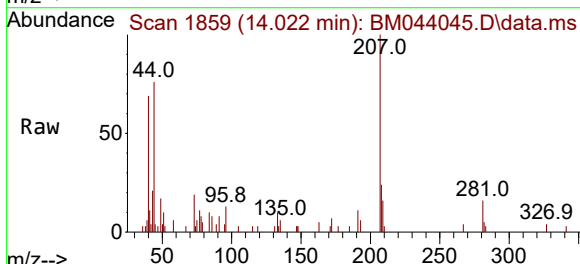
Instrument :
BNA_M
ClientSampleId :
PB158272BL

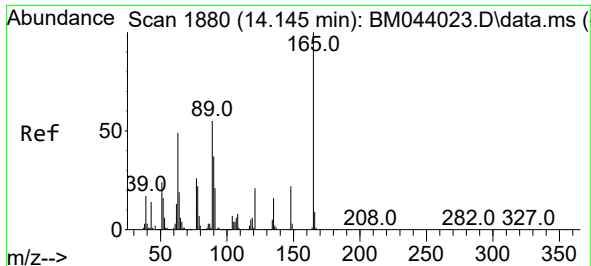
Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
92 0.0 58.1 87.1#
138 0.0 94.6 142.0#



#50
Dimethylphthalate
Concen: 0.003 ng
RT: 14.022 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion:163 Resp: 247
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 0.0 8.2 12.2#

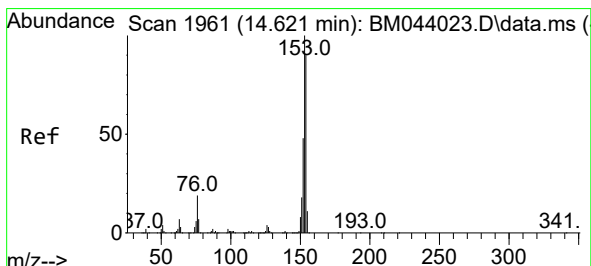
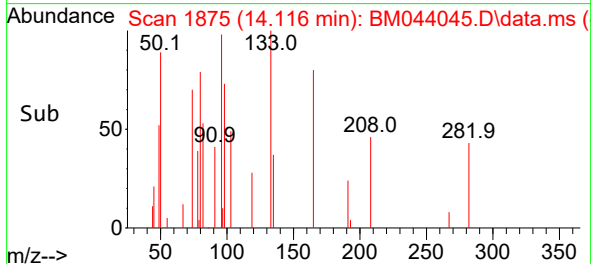
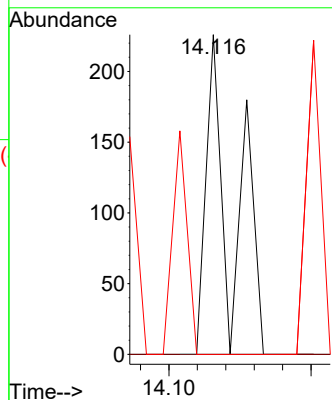
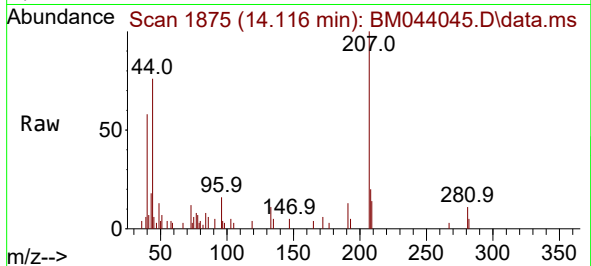




#51
2,6-Dinitrotoluene
Concen: 0.009 ng
RT: 14.116 min Scan# 11
Delta R.T. -0.029 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

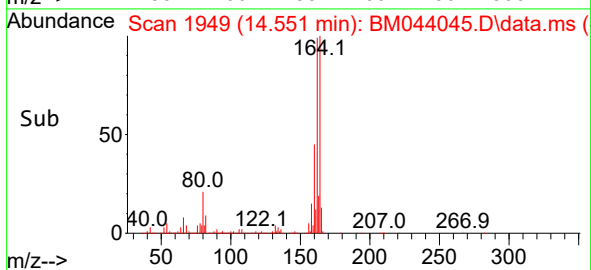
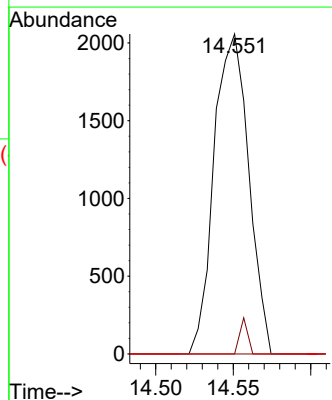
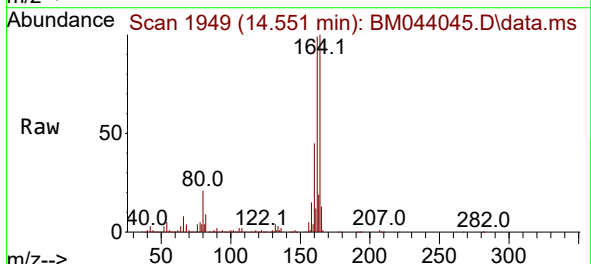
Instrument :
BNA_M
ClientSampleId :
PB158272BL

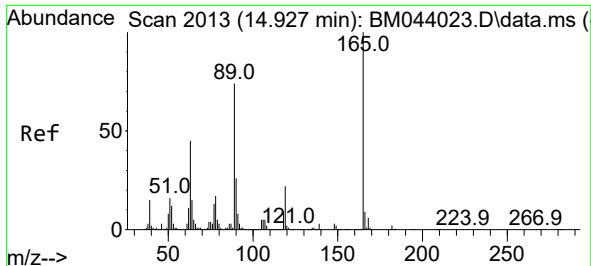
Tgt Ion:165 Resp: 143
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 44.4 66.6#



#52
Acenaphthene
Concen: 0.057 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.070 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

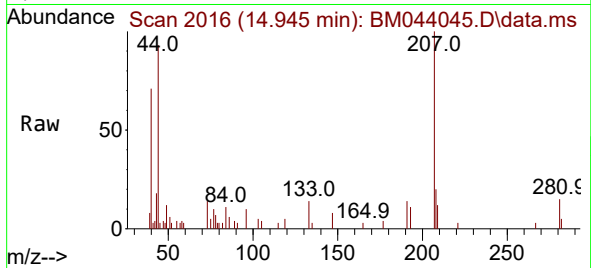
Tgt Ion:154 Resp: 3197
Ion Ratio Lower Upper
154 100
153 0.0 89.3 133.9#
152 0.0 43.0 64.6#



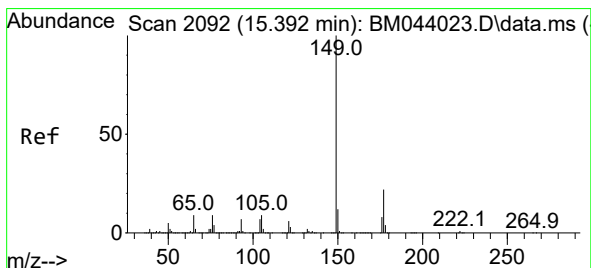
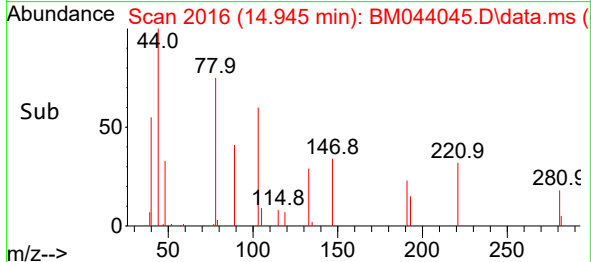
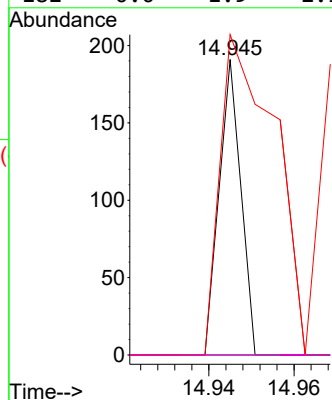


#57
2,4-Dinitrotoluene
Concen: 0.003 ng
RT: 14.945 min Scan# 2013
Delta R.T. 0.018 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Instrument :
BNA_M
ClientSampleId :
PB158272BL

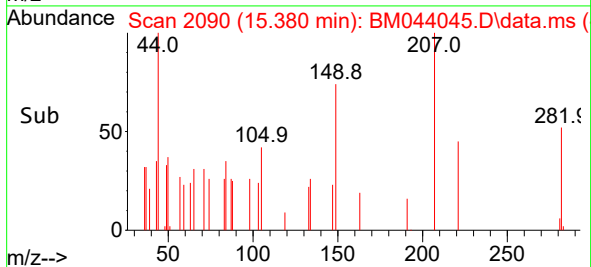
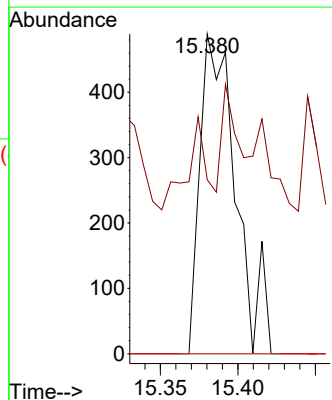
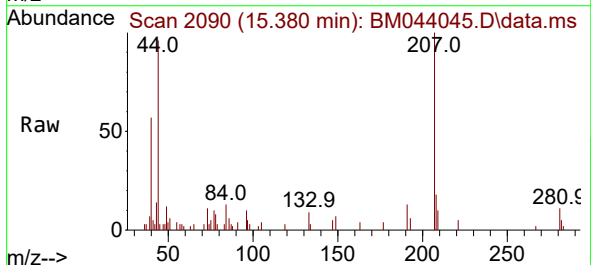


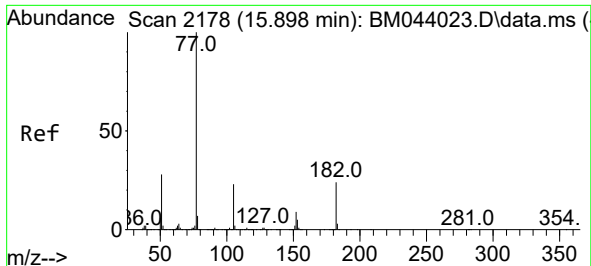
Tgt Ion:165 Resp: 67
Ion Ratio Lower Upper
165 100
63 0.0 35.9 53.9#
89 108.4 58.9 88.3#
182 0.0 1.9 2.9#



#60
Diethylphthalate
Concen: 0.010 ng
RT: 15.380 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion:149 Resp: 783
Ion Ratio Lower Upper
149 100
177 54.4 17.5 26.3#
150 0.0 9.8 14.6#

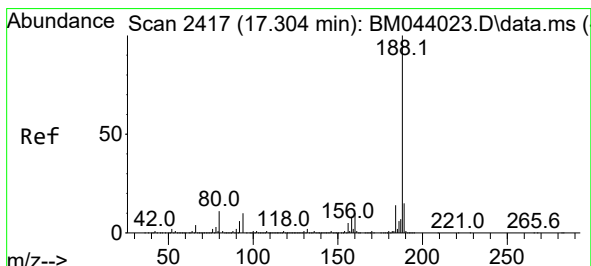
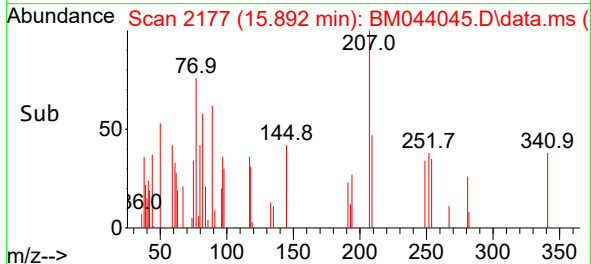
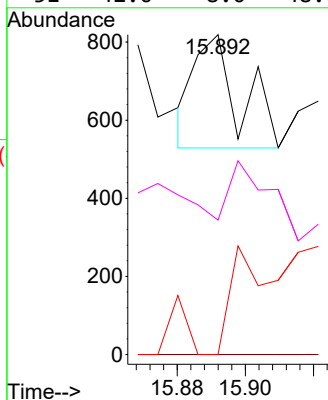
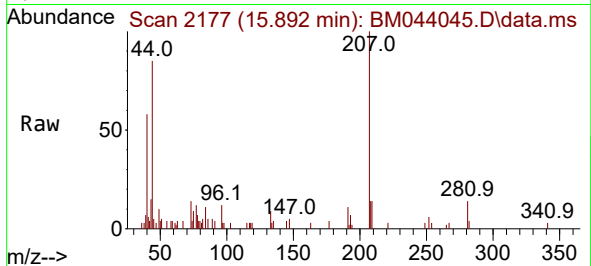




#63
Azobenzene
Concen: 0.004 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

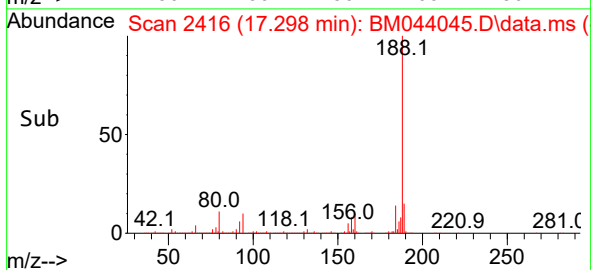
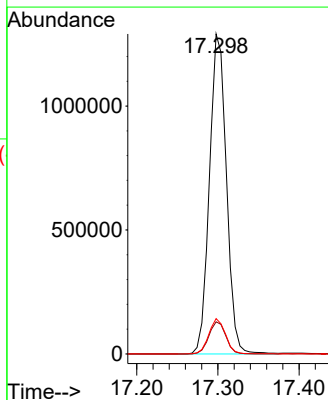
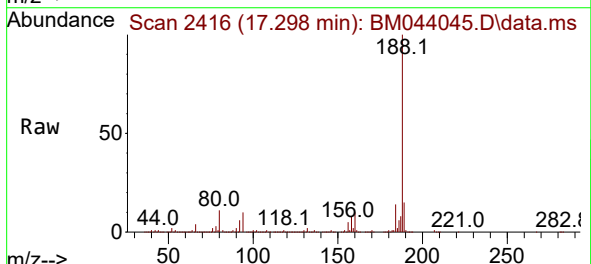
Instrument :
BNA_M
ClientSampleId :
PB158272BL

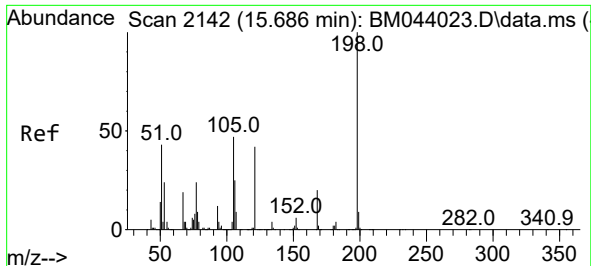
Tgt Ion: 77 Resp: 268
Ion Ratio Lower Upper
77 100
182 0.0 4.0 44.0#
105 0.0 3.3 43.3#
51 42.0 8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion:188 Resp: 1877305
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 11.1 8.8 13.2

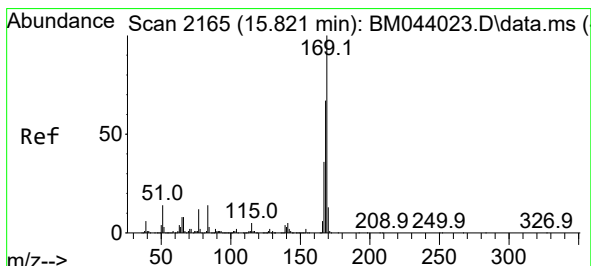
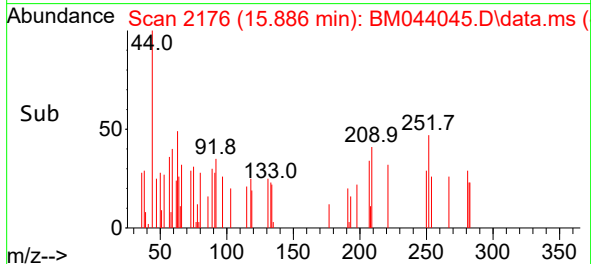
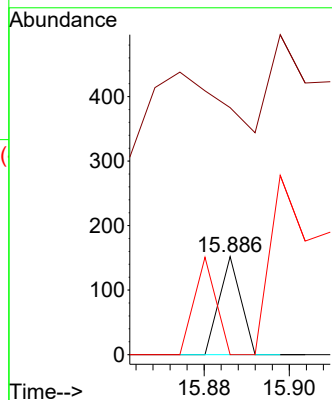
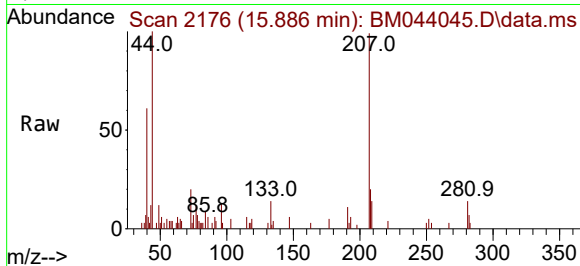




#65
4,6-Dinitro-2-methylphenol
Concen: 0.005 ng
RT: 15.886 min Scan# 2142
Delta R.T. 0.200 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

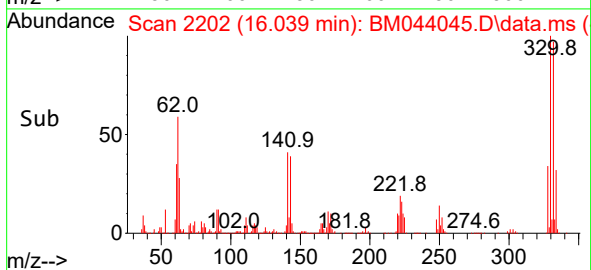
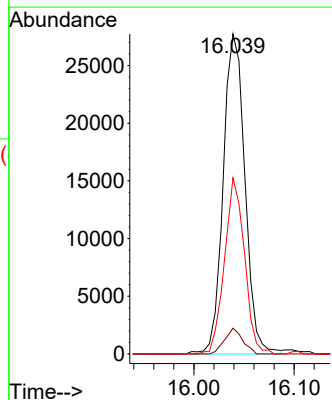
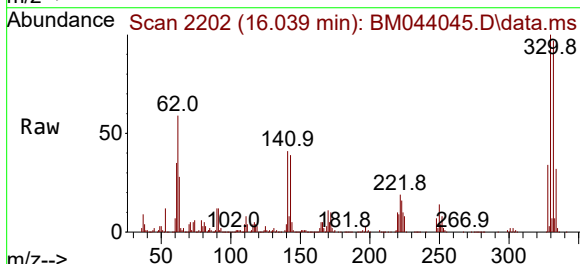
Instrument :
BNA_M
ClientSampleId :
PB158272BL

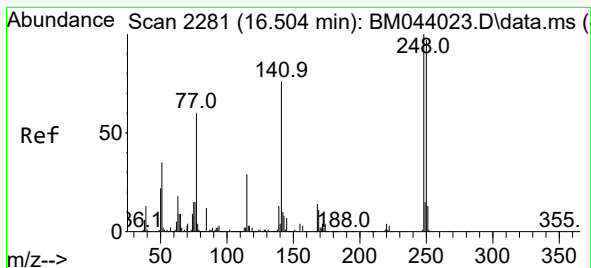
Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 252.0 29.9 69.9#
105 0.0 28.7 68.7#



#66
n-Nitrosodiphenylamine
Concen: 0.730 ng
RT: 16.039 min Scan# 2202
Delta R.T. 0.218 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion:169 Resp: 41660
Ion Ratio Lower Upper
169 100
168 8.1 53.8 80.8#
167 55.0 29.2 43.8#

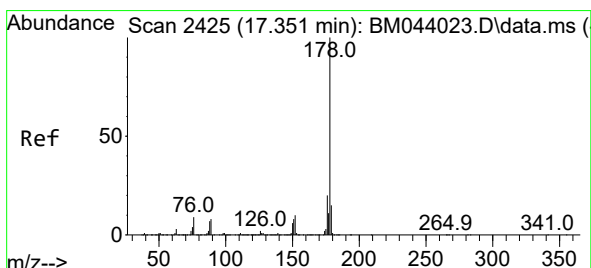
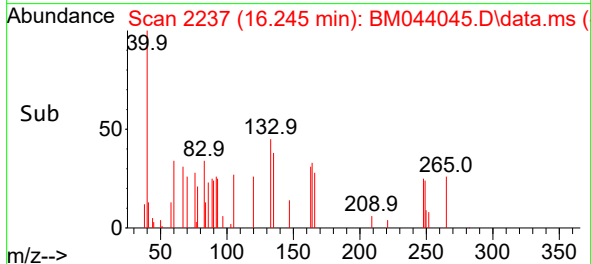
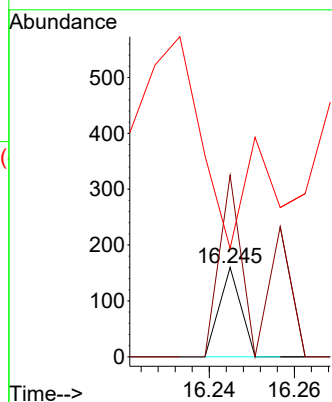
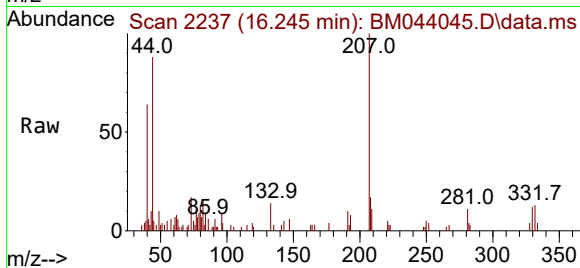




#67
4-Bromophenyl-phenylether
Concen: 0.003 ng
RT: 16.245 min Scan# 21
Delta R.T. -0.259 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

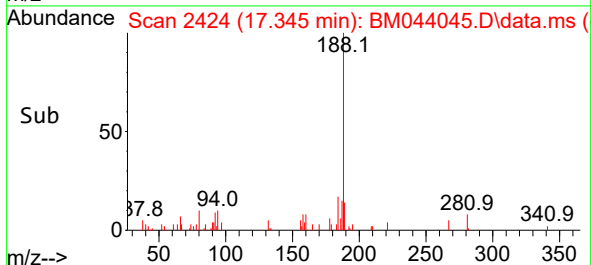
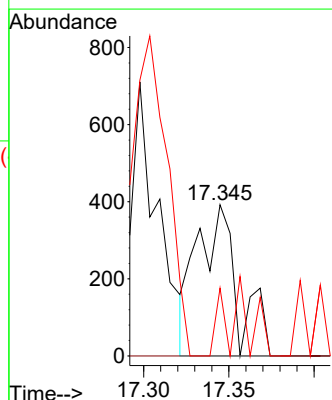
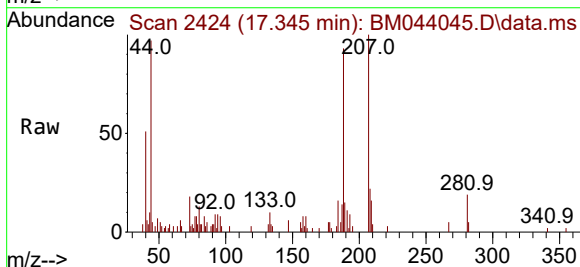
Instrument :
BNA_M
ClientSampleId :
PB158272BL

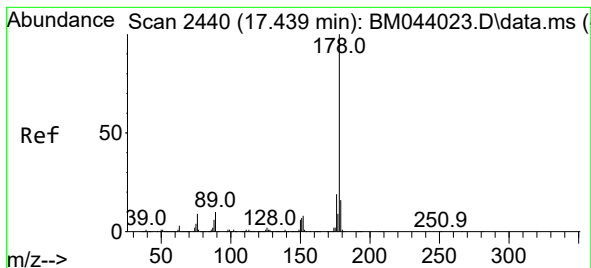
Tgt Ion:248 Resp: 56
Ion Ratio Lower Upper
248 100
250 203.1 77.4 116.2#
141 121.2 61.0 91.6#



#71
Phenanthrene
Concen: 0.007 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion:178 Resp: 651
Ion Ratio Lower Upper
178 100
176 0.0 15.6 23.4#
179 44.9 12.2 18.4#





#72

Anthracene

Concen: 0.003 ng

RT: 17.439 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

Instrument :

BNA_M

ClientSampleId :

PB158272BL

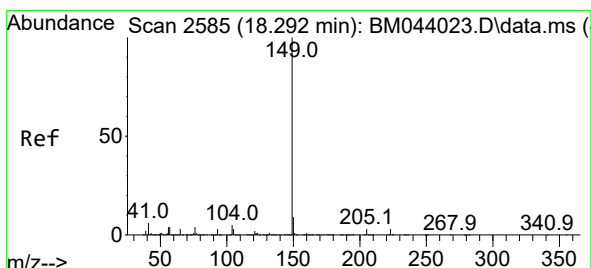
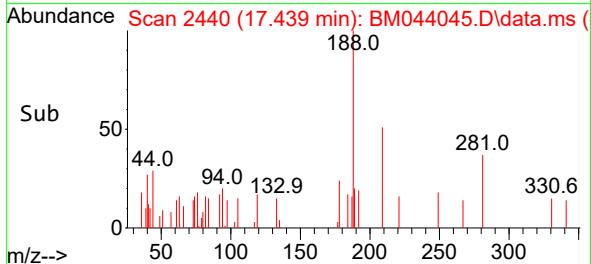
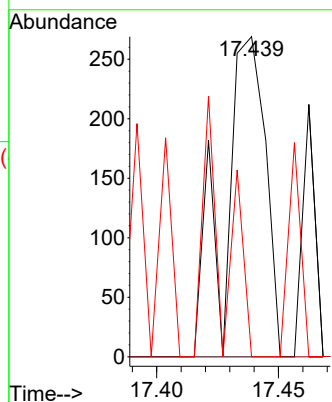
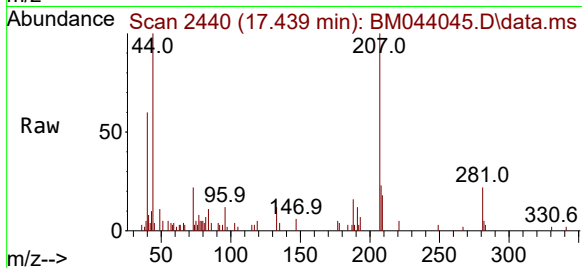
Tgt Ion:178 Resp: 313

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: 0.013 ng

RT: 18.292 min Scan# 2585

Delta R.T. 0.000 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

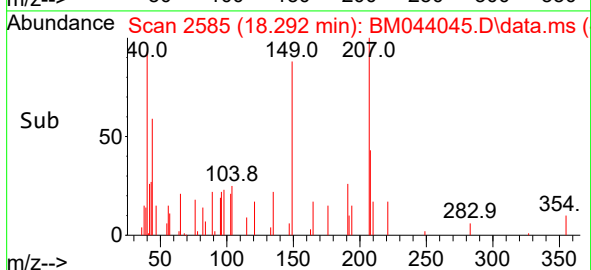
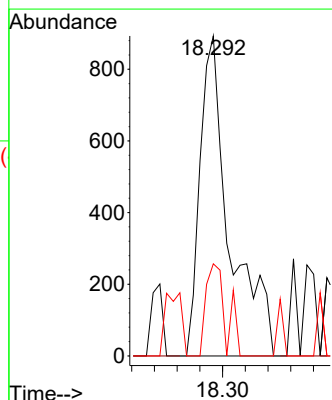
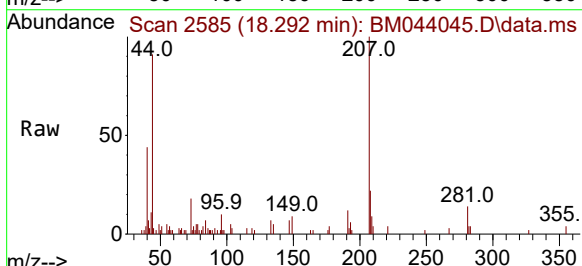
Tgt Ion:149 Resp: 1626

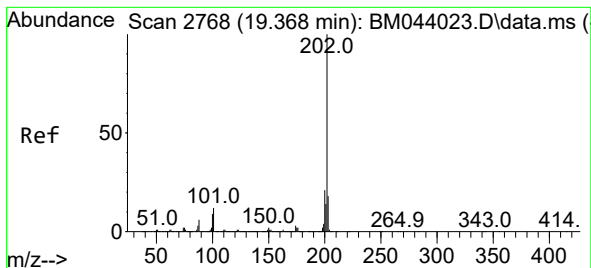
Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

104 28.8 3.8 5.6#





#75

Fluoranthene

Concen: 0.004 ng

RT: 19.368 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

Instrument :

BNA_M

ClientSampleId :

PB158272BL

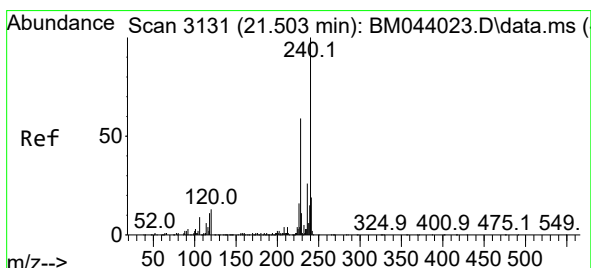
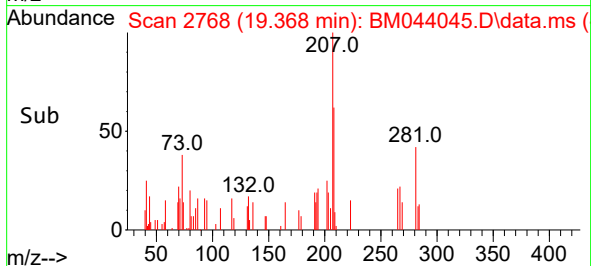
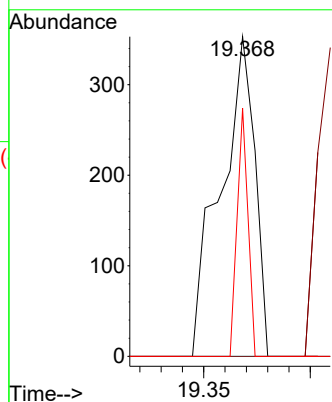
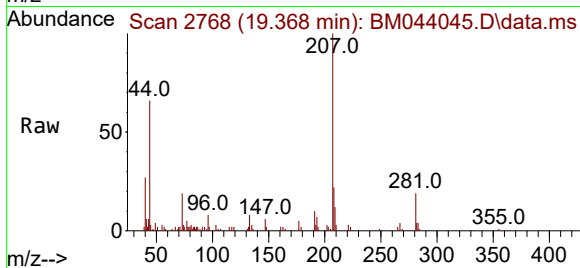
Tgt Ion:202 Resp: 395

Ion Ratio Lower Upper

202 100

101 0.0 0.0 32.4

203 77.6 0.0 37.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.497 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

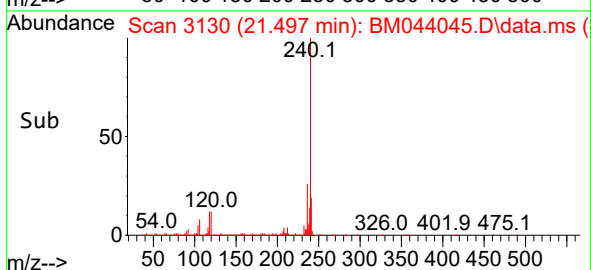
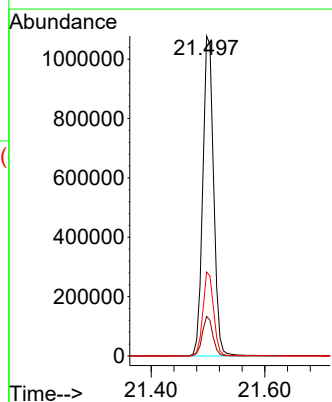
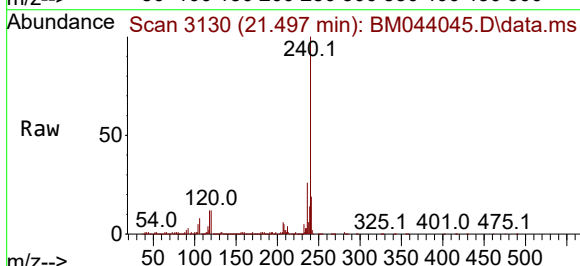
Tgt Ion:240 Resp: 1429126

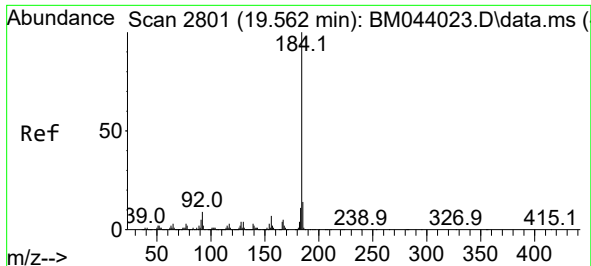
Ion Ratio Lower Upper

240 100

120 12.4 10.1 15.1

236 26.2 20.6 31.0

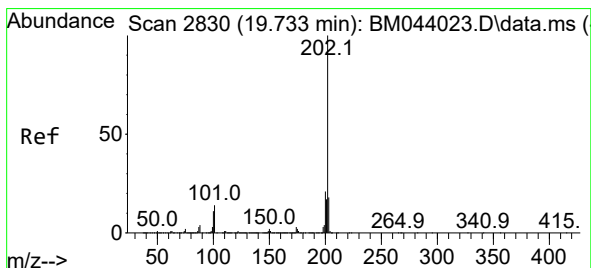
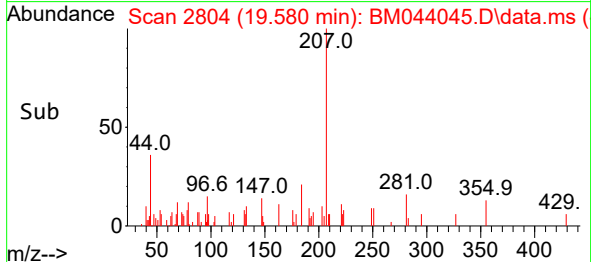
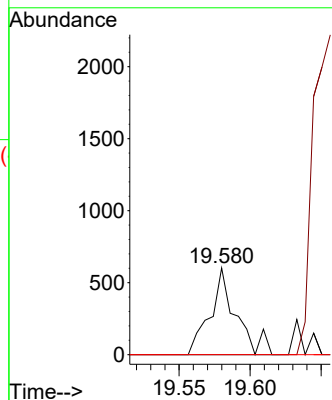
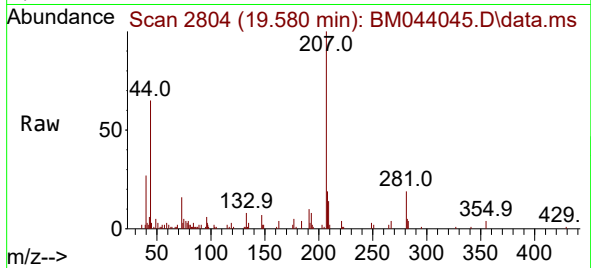




#77
Benzidine
Concen: 0.034 ng
RT: 19.580 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

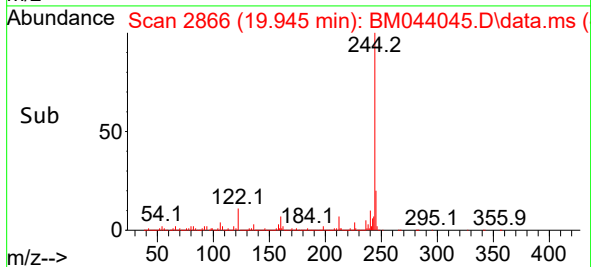
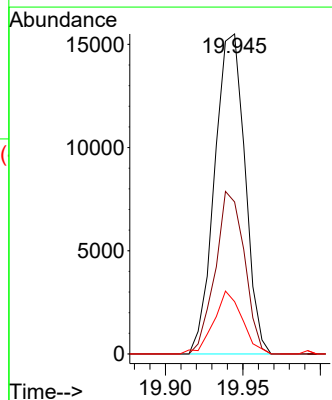
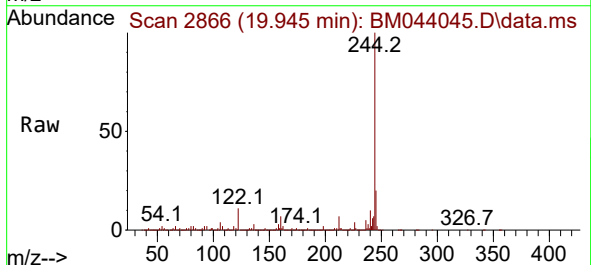
Instrument :
BNA_M
ClientSampleId :
PB158272BL

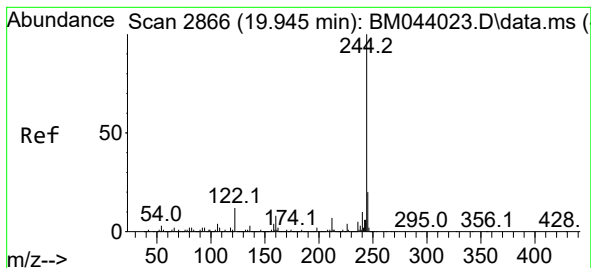
Tgt Ion:184 Resp: 764
Ion Ratio Lower Upper
184 100
185 0.0 11.0 16.6#
183 0.0 9.0 13.4#



#78
Pyrene
Concen: 0.192 ng
RT: 19.945 min Scan# 2866
Delta R.T. 0.212 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion:202 Resp: 21088
Ion Ratio Lower Upper
202 100
200 47.5 16.8 25.2#
203 16.4 14.0 21.0





#79

Terphenyl-d14

Concen: 85.221 ng

RT: 19.945 min Scan# 2866

Delta R.T. 0.000 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

Instrument :

BNA_M

ClientSampleId :

PB158272BL

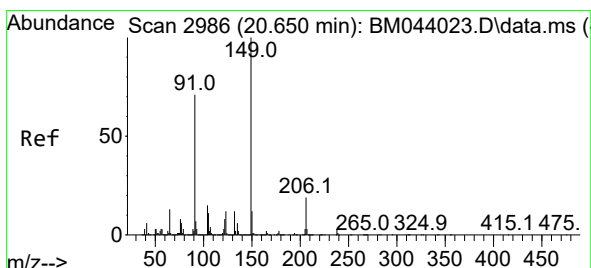
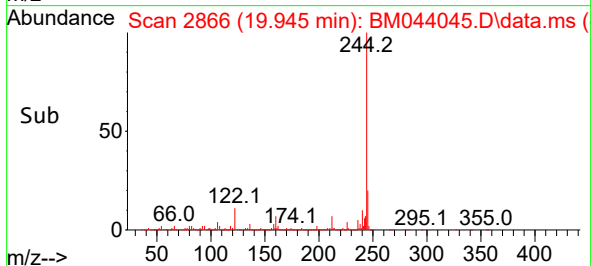
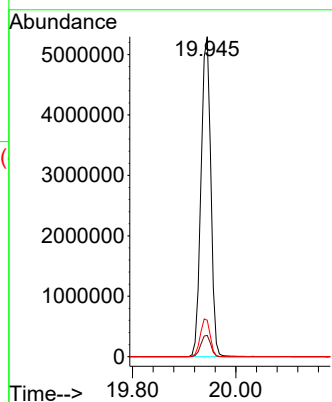
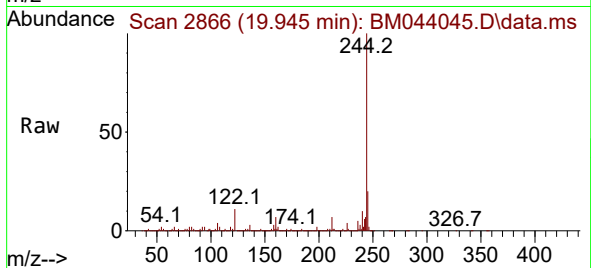
Tgt Ion:244 Resp: 6947440

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.4 9.5 14.3



#80

Butylbenzylphthalate

Concen: 0.012 ng

RT: 20.645 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

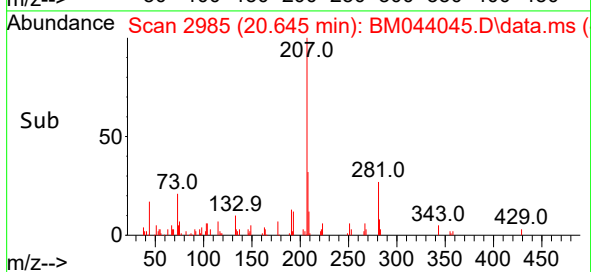
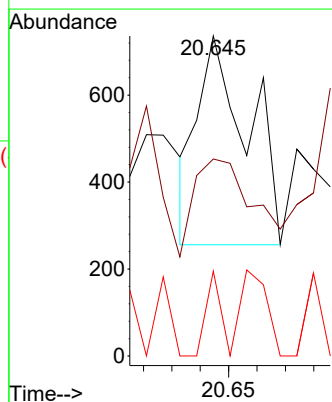
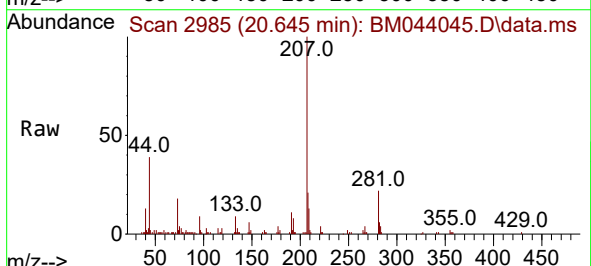
Tgt Ion:149 Resp: 590

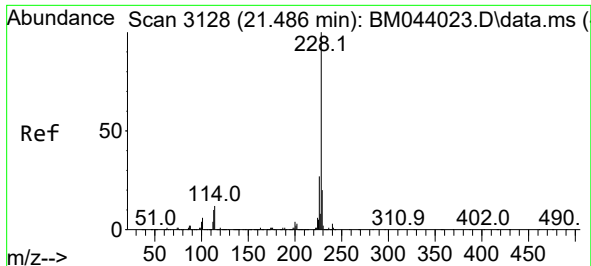
Ion Ratio Lower Upper

149 100

91 61.5 56.8 85.2

206 26.5 15.0 22.6#

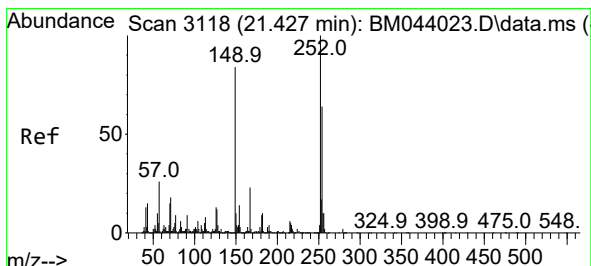
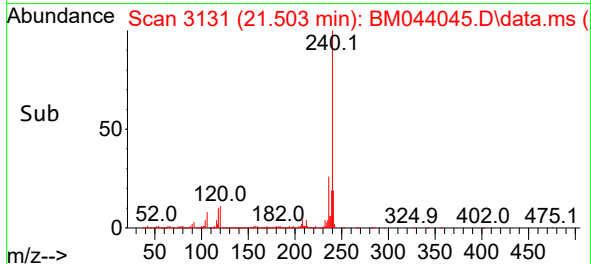
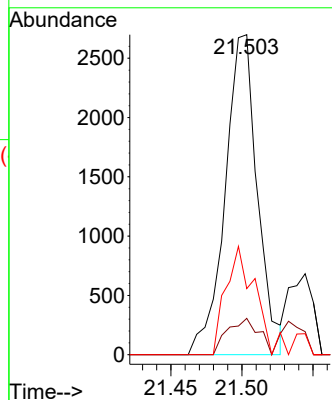
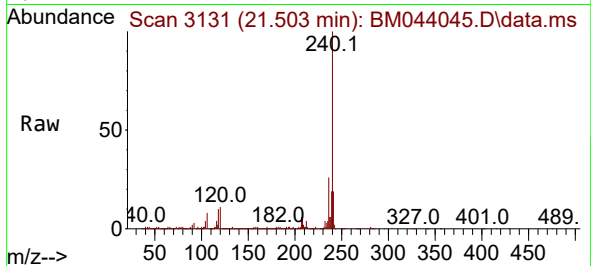




#81
Benzo(a)anthracene
Concen: 0.043 ng
RT: 21.503 min Scan# 3118
Delta R.T. 0.018 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

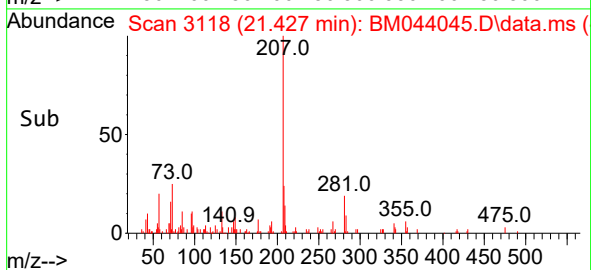
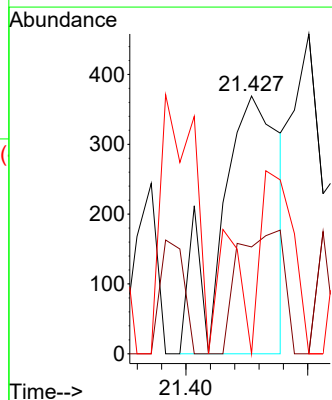
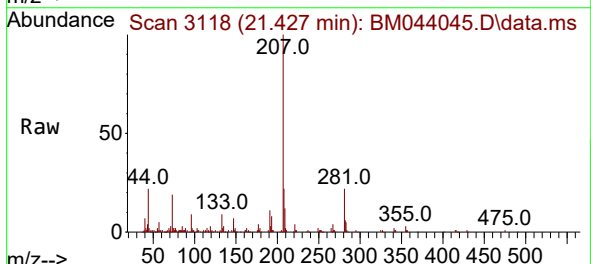
Instrument :
BNA_M
ClientSampleId :
PB158272BL

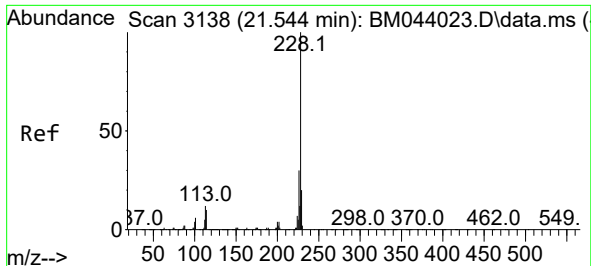
Tgt Ion:228 Resp: 4274
Ion Ratio Lower Upper
228 100
226 11.3 21.4 32.2#
229 20.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 0.019 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion:252 Resp: 621
Ion Ratio Lower Upper
252 100
254 41.5 51.2 76.8#
126 0.0 10.2 15.4#

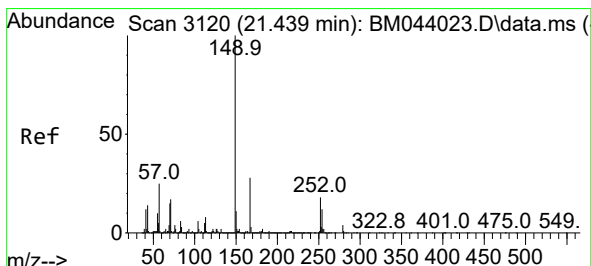
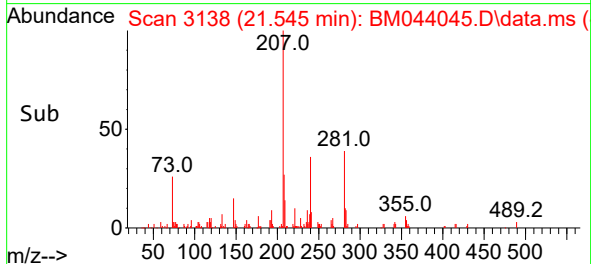
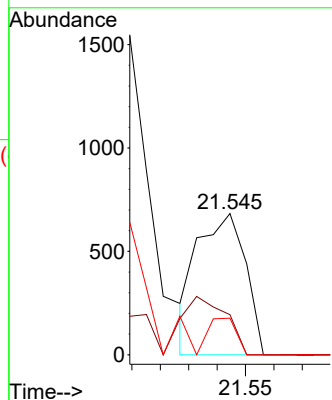
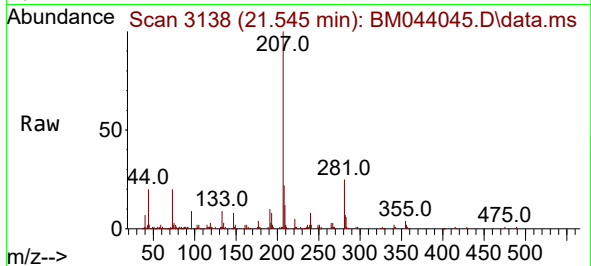




#83
Chrysene
Concen: 0.009 ng
RT: 21.545 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

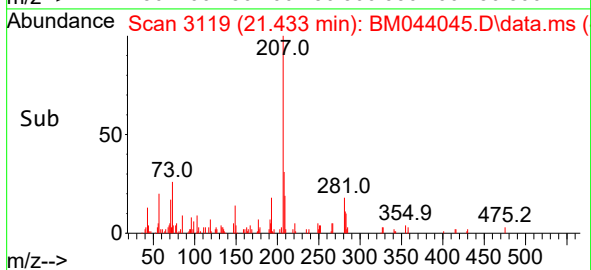
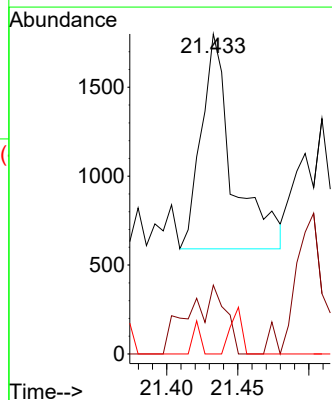
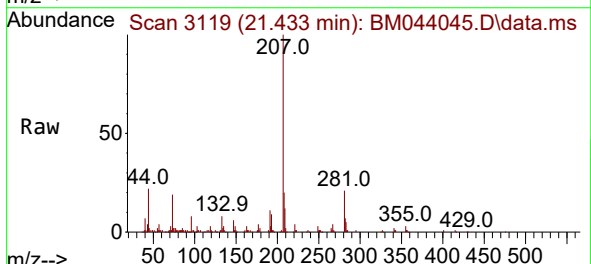
Instrument :
BNA_M
ClientSampleId :
PB158272BL

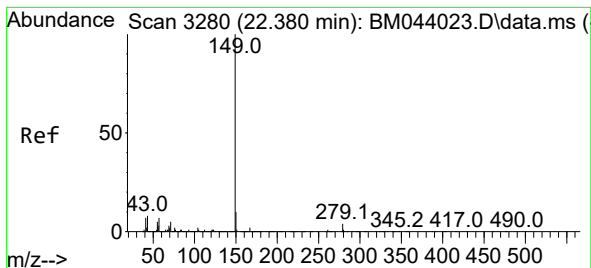
Tgt Ion:228 Resp: 801
Ion Ratio Lower Upper
228 100
226 28.4 24.2 36.2
229 25.9 15.8 23.8#



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.026 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion:149 Resp: 1868
Ion Ratio Lower Upper
149 100
167 21.5 22.6 33.8#
279 0.0 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 0.002 ng

RT: 22.374 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

Instrument :

BNA_M

ClientSampleId :

PB158272BL

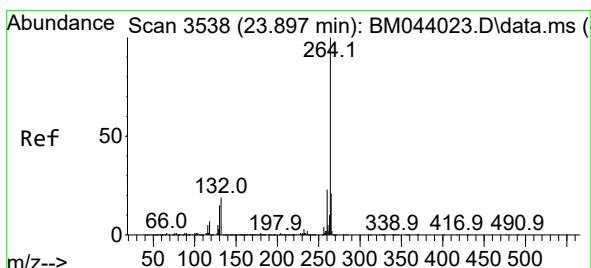
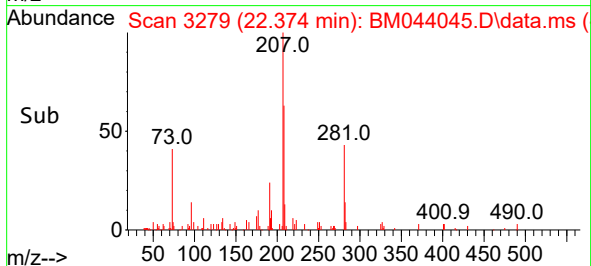
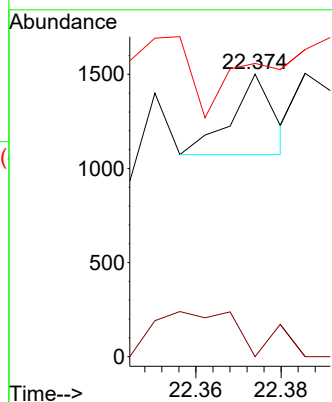
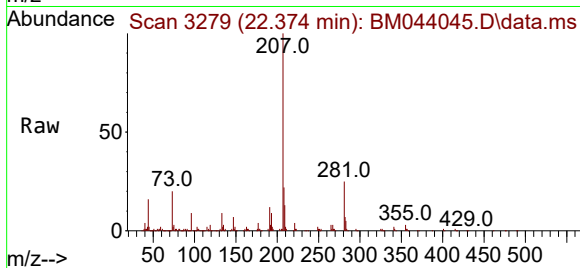
Tgt Ion:149 Resp: 295

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 413.2 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: BM044045.D

Acq: 09 Feb 2024 18:30

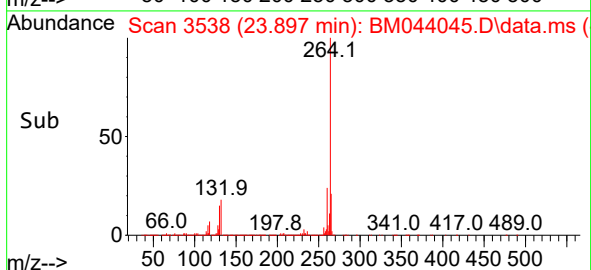
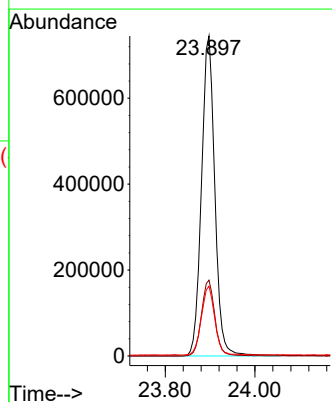
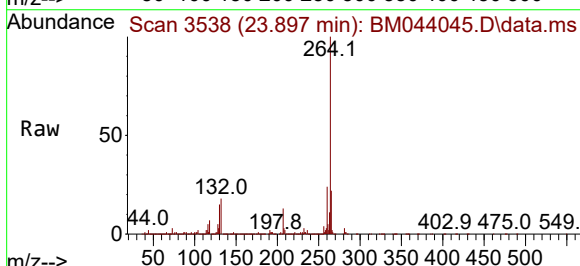
Tgt Ion:264 Resp: 1539103

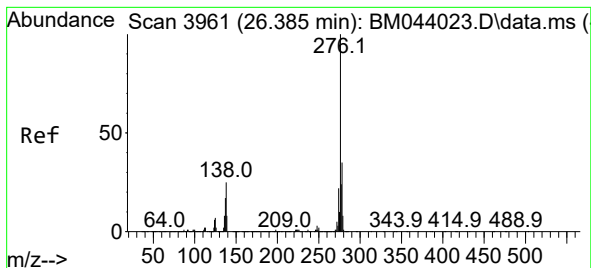
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.006 ng

RT: 26.385 min Scan# 3961

Delta R.T. 0.000 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

Instrument :

BNA_M

ClientSampleId :

PB158272BL

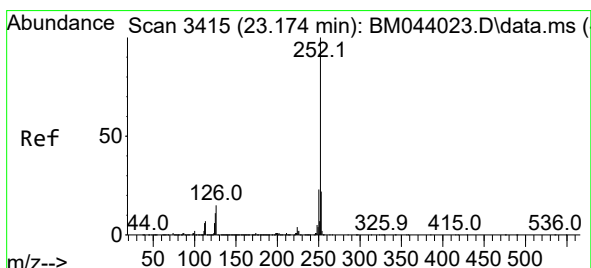
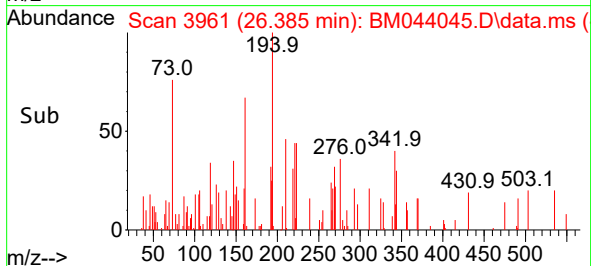
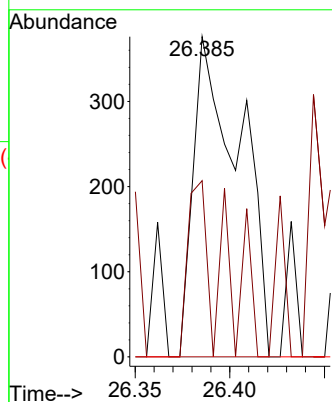
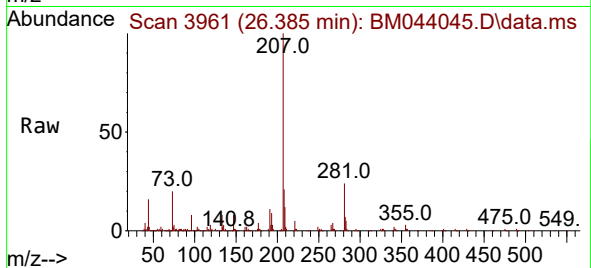
Tgt Ion:276 Resp: 644

Ion Ratio Lower Upper

276 100

138 21.9 22.6 34.0#

277 0.0 20.2 30.2#



#88

Benzo(b)fluoranthene

Concen: 0.007 ng

RT: 23.168 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

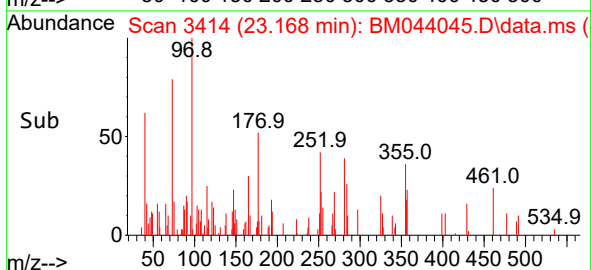
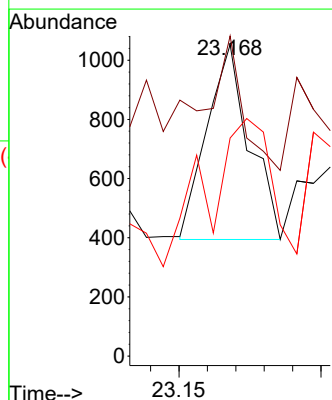
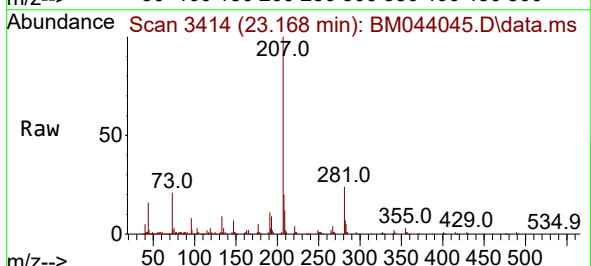
Tgt Ion:252 Resp: 683

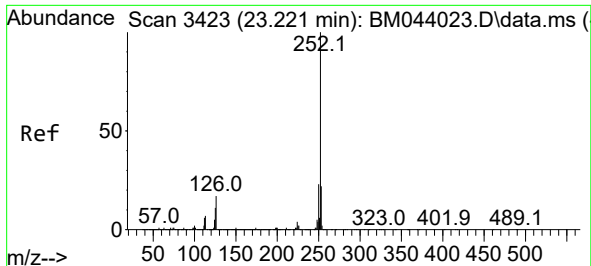
Ion Ratio Lower Upper

252 100

253 102.8 17.6 26.4#

125 70.0 8.8 13.2#





#89

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 23.209 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

Instrument :

BNA_M

ClientSampleId :

PB158272BL

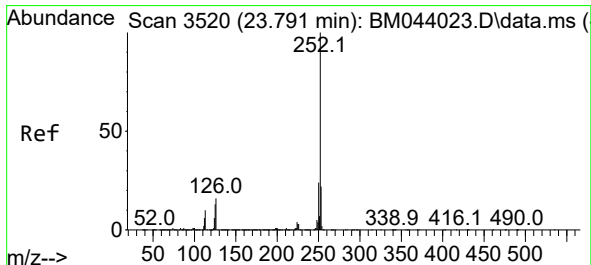
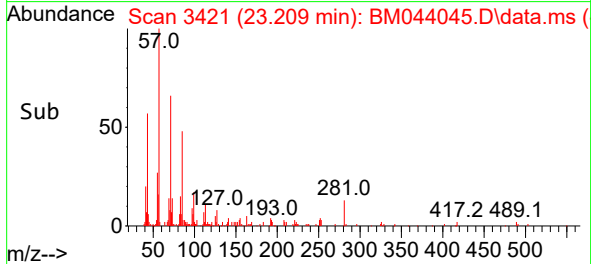
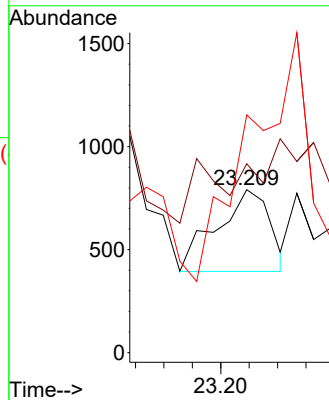
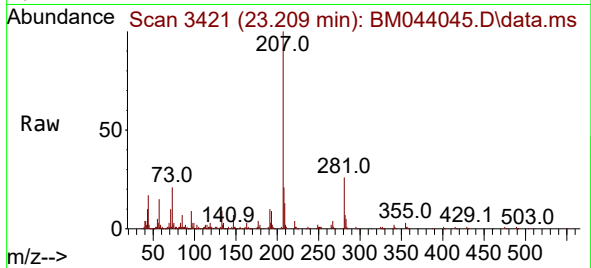
Tgt Ion:252 Resp: 516

Ion Ratio Lower Upper

252 100

253 115.9 17.7 26.5#

125 145.9 9.0 13.4#



#90

Benzo(a)pyrene

Concen: 0.007 ng

RT: 23.786 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

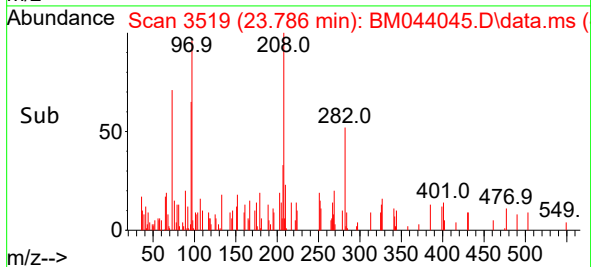
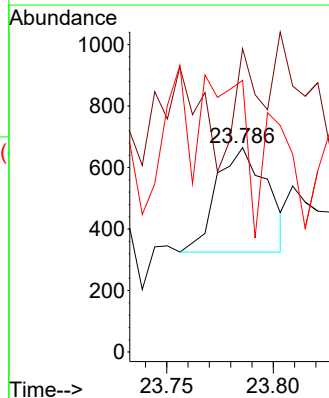
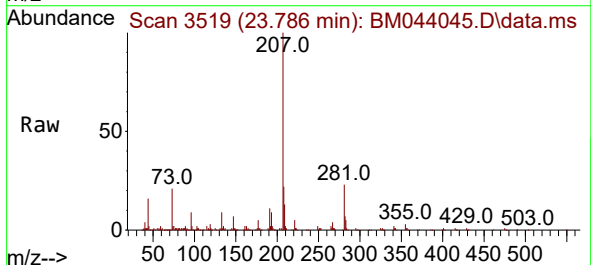
Tgt Ion:252 Resp: 559

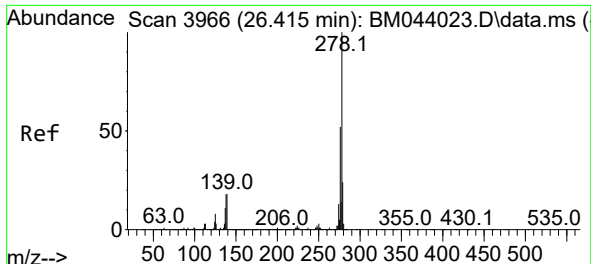
Ion Ratio Lower Upper

252 100

253 148.4 17.7 26.5#

125 132.9 10.1 15.1#

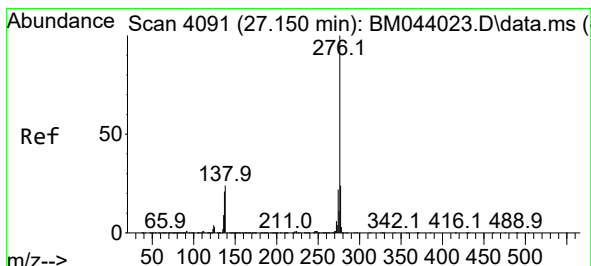
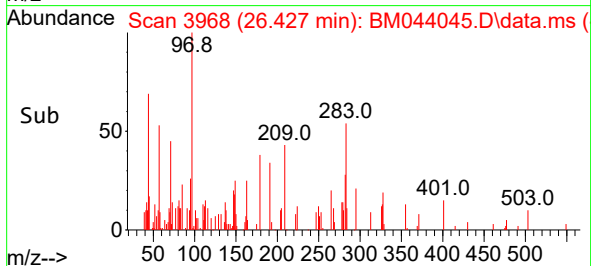
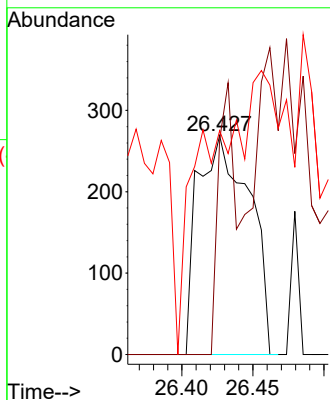
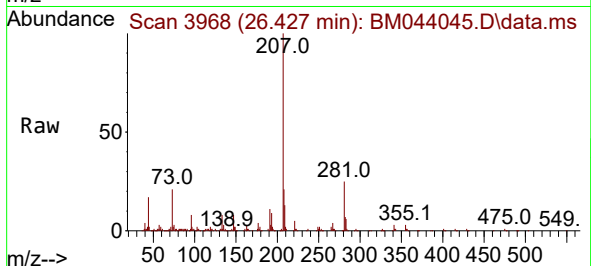




#91
 Dibenzo(a,h)anthracene
 Concen: 0.007 ng
 RT: 26.427 min Scan# 3966
 Delta R.T. 0.012 min
 Lab File: BM044045.D
 Acq: 09 Feb 2024 18:30

Instrument :
 BNA_M
 ClientSampleId :
 PB158272BL

Tgt Ion:278 Resp: 681
 Ion Ratio Lower Upper
 278 100
 139 98.1 14.5 21.7#
 279 102.2 18.9 28.3#



#92
 Benzo(g,h,i)perylene
 Concen: 0.003 ng
 RT: 27.144 min Scan# 4090
 Delta R.T. -0.006 min
 Lab File: BM044045.D
 Acq: 09 Feb 2024 18:30

Tgt Ion:276 Resp: 283
 Ion Ratio Lower Upper
 276 100
 277 0.0 19.0 28.4#
 138 0.0 19.1 28.7#

