

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044050.D
 Acq On : 12 Feb 2024 11:05
 Operator : MA/JU
 Sample : PB155297BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155297BL

Quant Time: Feb 12 12:07:39 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	480632	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1939678	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	1069939	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2066222	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1431763	20.000	ng	0.00
86) Perylene-d12	23.897	264	1447277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4253137	128.703	ng	0.00
7) Phenol-d6	7.075	99	5267790	125.286	ng	0.00
23) Nitrobenzene-d5	9.081	82	3102234	84.868	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1393764	120.313	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	6262372	82.605	ng	0.00
79) Terphenyl-d14	19.945	244	7324103	89.675	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	664	0.051	ng	# 1
3) Pyridine	3.763	79	361	0.010	ng	# 1
4) n-Nitrosodimethylamine	3.705	42	412	0.031	ng	# 1
6) Aniline	7.240	93	855	0.021	ng	# 30
8) 2-Chlorophenol	7.469	128	138	0.004	ng	# 47
9) Benzaldehyde	7.081	77	8475	0.392	ng	# 1
10) Phenol	7.087	94	1344	0.032	ng	# 1
11) bis(2-Chloroethyl)ether	7.340	93	271	0.008	ng	# 54
15) Benzyl Alcohol	8.157	79	534	0.020	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.457	45	78	0.002	ng	# 1
18) Hexachloroethane	8.992	117	56	0.004	ng	# 7
19) n-Nitroso-di-n-propyla...	8.740	70	135	0.005	ng	# 1
22) Acetophenone	8.740	105	313	0.006	ng	# 1
24) Nitrobenzene	9.075	77	9417	0.252	ng	# 32
25) Isophorone	9.651	82	262	0.004	ng	# 65
27) 2,4-Dimethylphenol	9.910	122	57	0.003	ng	# 5
28) bis(2-Chloroethoxy)met...	10.034	93	59	0.001	ng	# 49
31) Naphthalene	10.751	128	560	0.005	ng	# 69
32) Benzoic acid	9.910	122	57	0.003	ng	# 1
33) 4-Chloroaniline	10.892	127	179	0.004	ng	# 9
36) 4-Chloro-3-methylphenol	12.016	107	82	0.003	ng	# 18
37) 2-Methylnaphthalene	12.380	142	91	0.001	ng	# 64
38) 1-Methylnaphthalene	12.604	142	53	0.001	ng	# 7
40) 1,2,4,5-Tetrachloroben...	12.739	216	53	0.002	ng	# 4
46) 1,1'-Biphenyl	13.180	154	12462	0.148	ng	# 1
47) 2-Chloronaphthalene	13.422	162	120	0.002	ng	# 39
48) 2-Nitroaniline	13.645	65	63	0.003	ng	# 26
49) Acenaphthylene	14.274	152	524	0.005	ng	# 61
50) Dimethylphthalate	14.033	163	944	0.012	ng	# 77
51) 2,6-Dinitrotoluene	14.063	165	75	0.004	ng	# 24
52) Acenaphthene	14.610	154	222	0.004	ng	# 61
55) Dibenzofuran	14.945	168	139	0.001	ng	# 46
57) 2,4-Dinitrotoluene	14.916	165	57	0.002	ng	# 21
58) Fluorene	15.604	166	261	0.004	ng	# 62
60) Diethylphthalate	15.392	149	477	0.006	ng	# 50
61) 4-Chlorophenyl-phenyle...	15.598	204	70	0.002	ng	# 28

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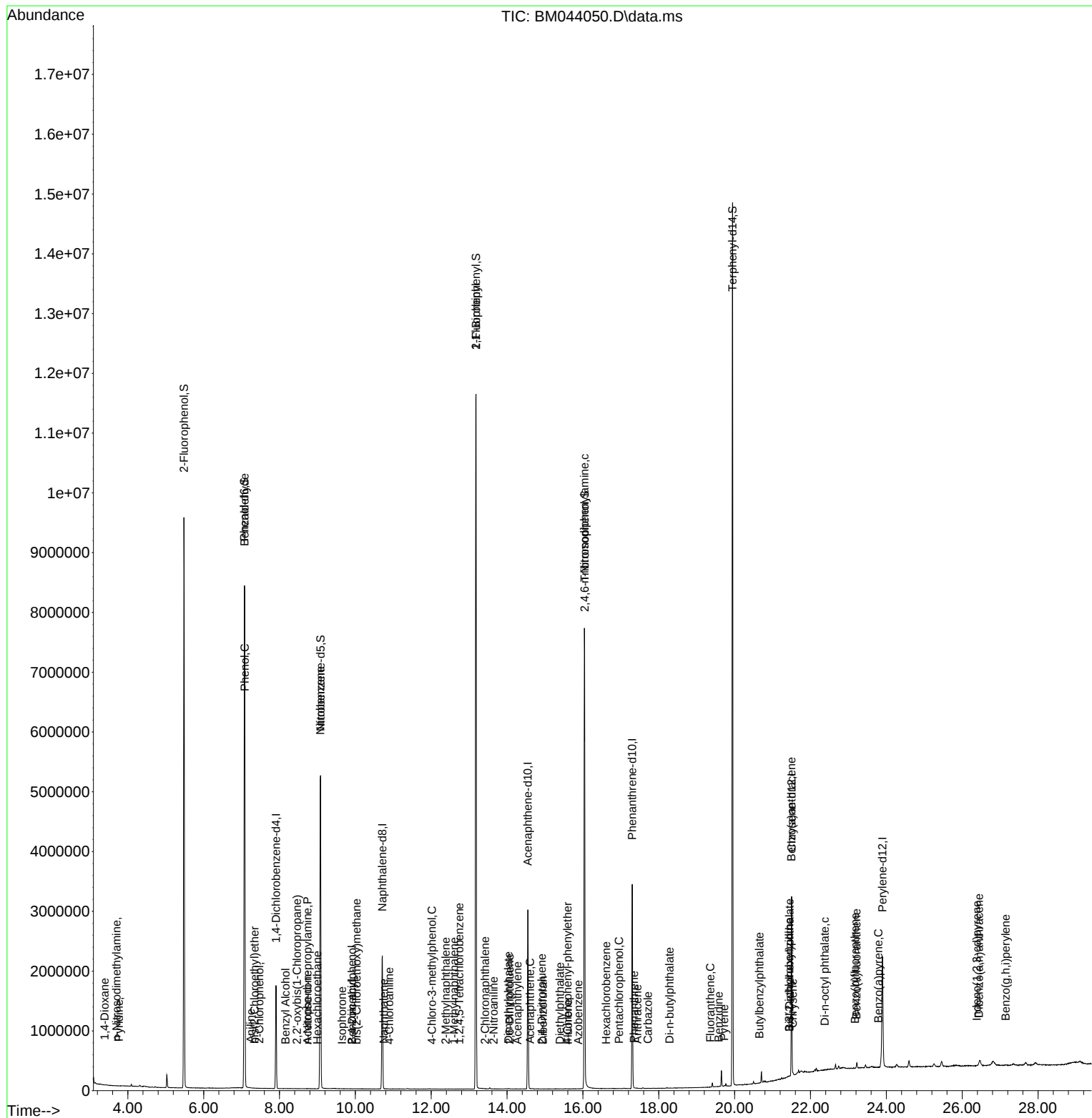
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) Azobenzene	15.880	77	328	0.004	ng	# 51
66) n-Nitrosodiphenylamine	16.039	169	47615	0.759	ng	# 47
68) Hexachlorobenzene	16.610	284	53	0.002	ng	# 41
70) Pentachlorophenol	16.951	266	318	0.020	ng	# 51
71) Phenanthrene	17.345	178	937	0.009	ng	# 60
72) Anthracene	17.433	178	860	0.008	ng	# 60
73) Carbazole	17.715	167	598	0.006	ng	# 60
74) Di-n-butylphthalate	18.286	149	1115	0.008	ng	# 78
75) Fluoranthene	19.362	202	478	0.004	ng	# 63
77) Benzidine	19.580	184	1449	0.065	ng	# 67
78) Pyrene	19.727	202	815	0.007	ng	# 57
80) Butylbenzylphthalate	20.656	149	196	0.004	ng	# 70
81) Benzo(a)anthracene	21.498	228	4953	0.050	ng	# 70
82) 3,3'-Dichlorobenzidine	21.439	252	748	0.023	ng	# 56
83) Chrysene	21.539	228	755	0.008	ng	# 78
84) Bis(2-ethylhexyl)phtha...	21.445	149	1709	0.024	ng	# 73
85) Di-n-octyl phthalate	22.374	149	994	0.008	ng	# 54
87) Indeno(1,2,3-cd)pyrene	26.385	276	2682	0.026	ng	# 87
88) Benzo(b)fluoranthene	23.174	252	1740	0.019	ng	# 11
89) Benzo(k)fluoranthene	23.215	252	2156	0.025	ng	# 1
90) Benzo(a)pyrene	23.791	252	1570	0.020	ng	# 1
91) Dibenzo(a,h)anthracene	26.444	278	4732	0.055	ng	# 72
92) Benzo(g,h,i)perylene	27.144	276	3333	0.038	ng	# 93

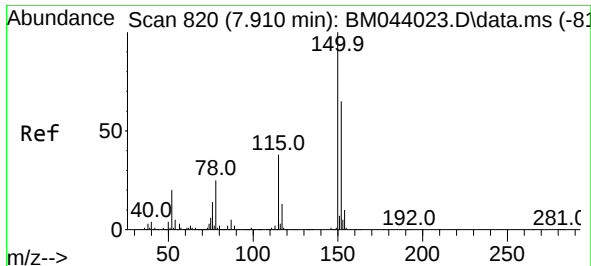
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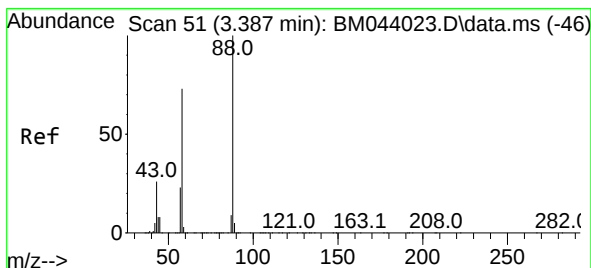
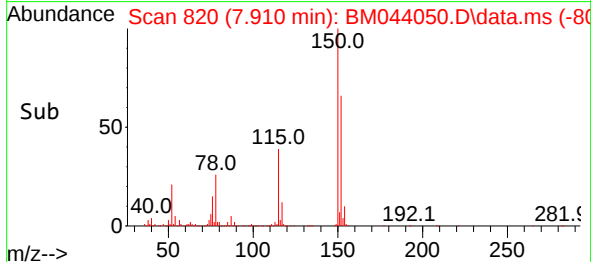
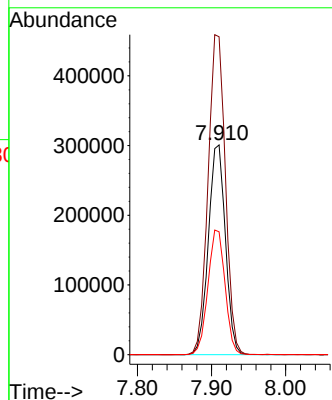
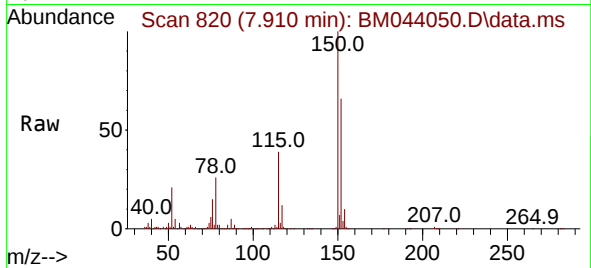




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM044050.D
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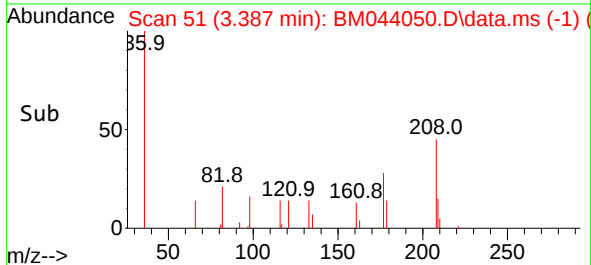
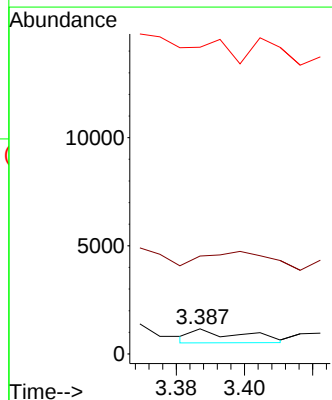
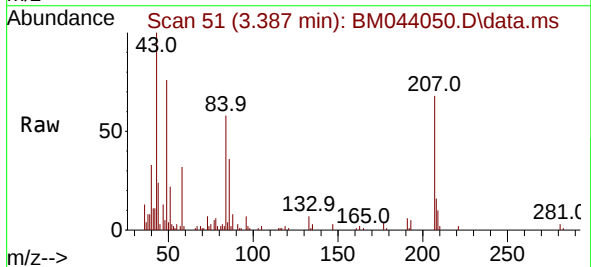
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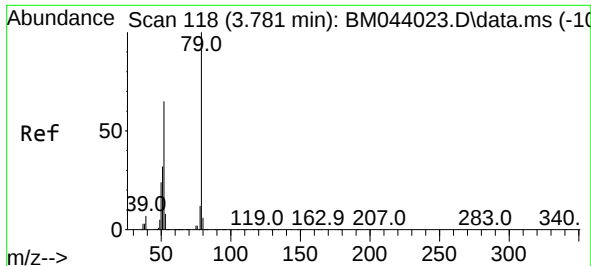
Tgt Ion:152 Resp: 480632
 Ion Ratio Lower Upper
 152 100
 150 151.6 122.7 184.1
 115 58.6 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.051 ng
 RT: 3.387 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BM044050.D
 Acq: 12 Feb 2024 11:05

Tgt Ion: 88 Resp: 664
 Ion Ratio Lower Upper
 88 100
 58 178.8 58.1 87.1#
 43 0.0 21.1 31.7#

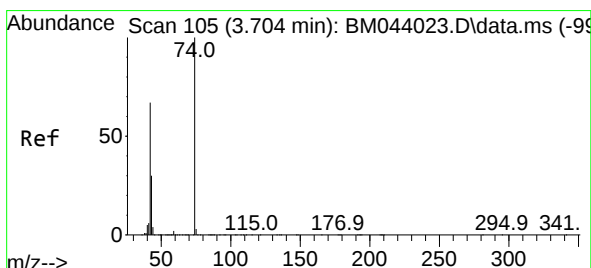
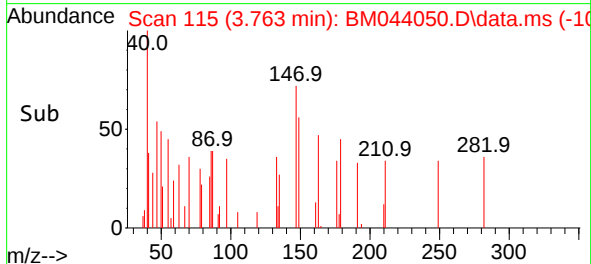
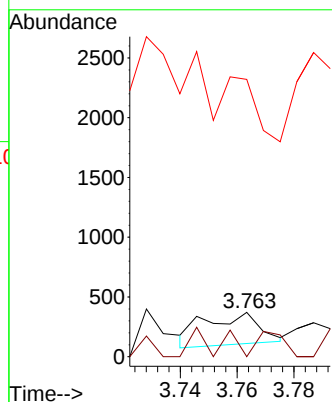
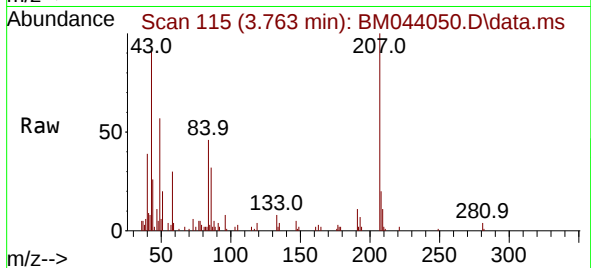




#3
Pyridine
Concen: 0.010 ng
RT: 3.763 min Scan# 118
Delta R.T. -0.017 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

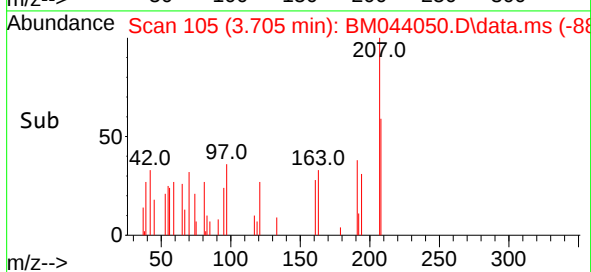
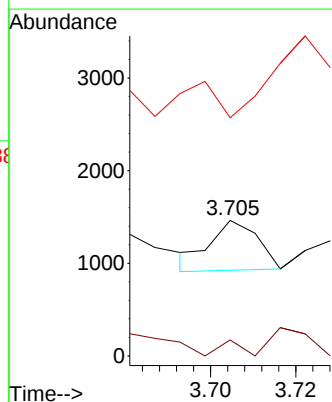
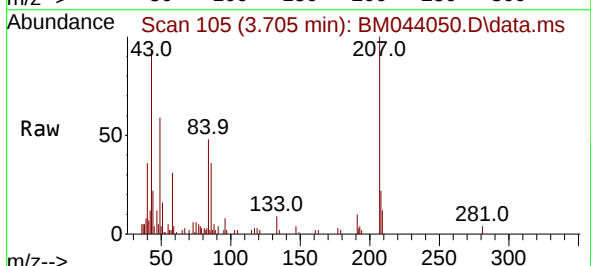
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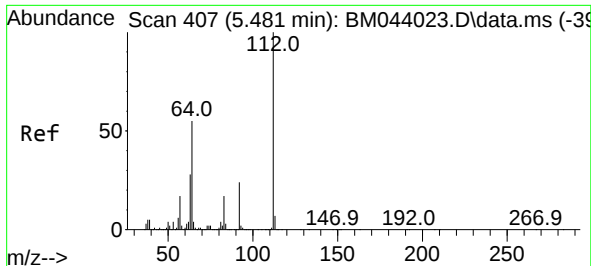
Tgt Ion: 79 Resp: 361
Ion Ratio Lower Upper
79 100
52 0.0 52.2 78.2#
51 625.6 26.2 39.4#



#4
n-Nitrosodimethylamine
Concen: 0.031 ng
RT: 3.705 min Scan# 105
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion: 42 Resp: 412
Ion Ratio Lower Upper
42 100
74 11.8 118.6 178.0#
44 175.7 5.6 8.4#

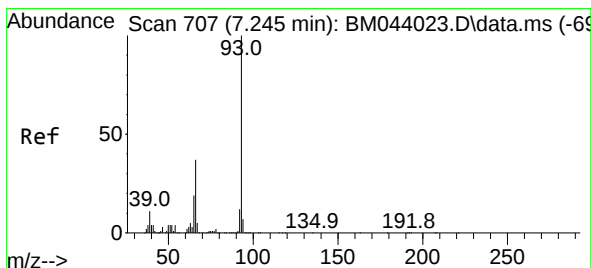
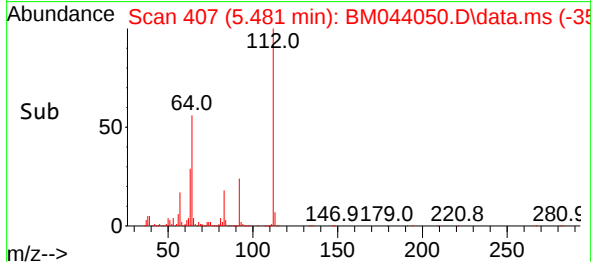
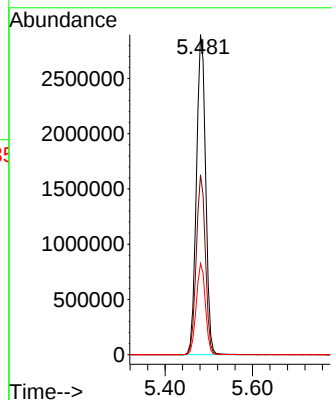
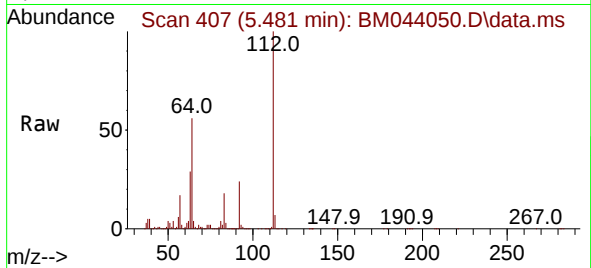




#5
2-Fluorophenol
Concen: 128.703 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

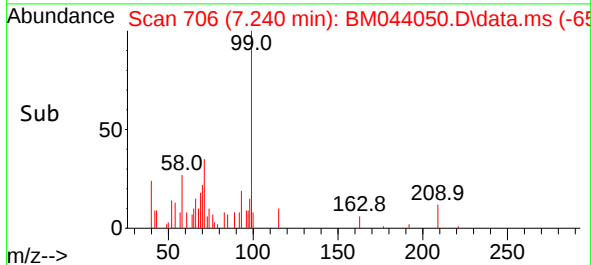
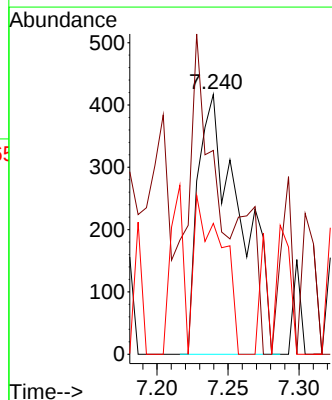
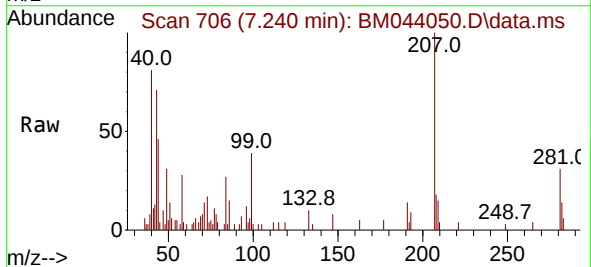
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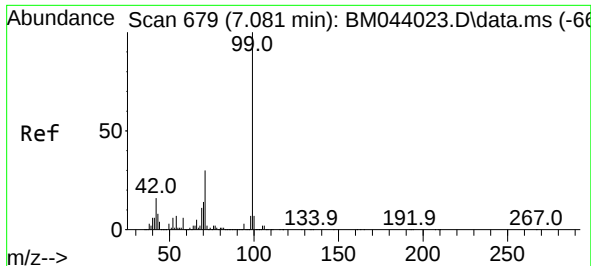
Tgt Ion:112 Resp: 4253137
Ion Ratio Lower Upper
112 100
64 56.2 44.2 66.4
63 28.5 22.6 34.0



#6
Aniline
Concen: 0.021 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion: 93 Resp: 855
Ion Ratio Lower Upper
93 100
66 78.4 29.4 44.0#
65 50.4 15.2 22.8#

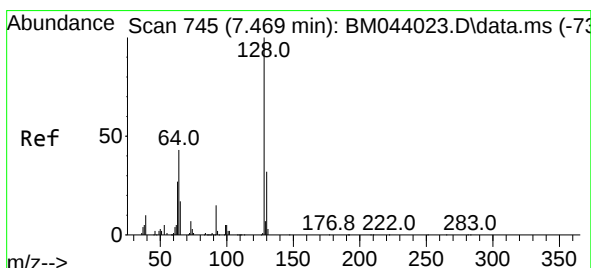
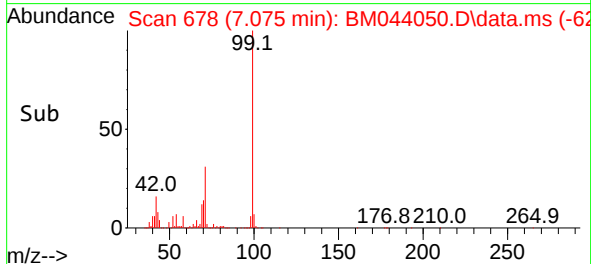
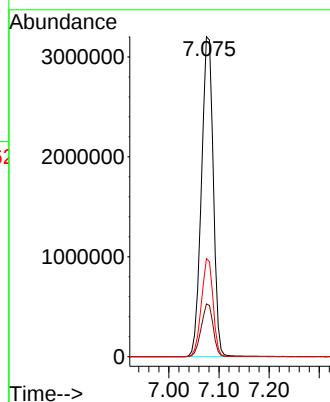
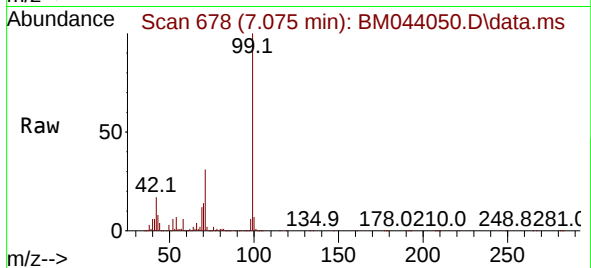




#7
Phenol-d6
Concen: 125.286 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

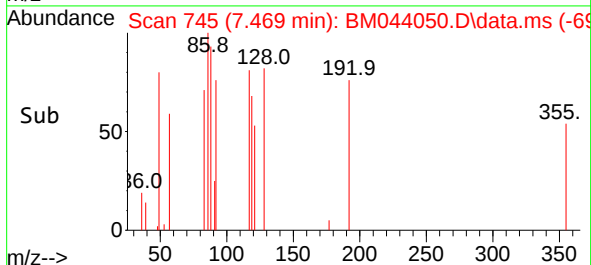
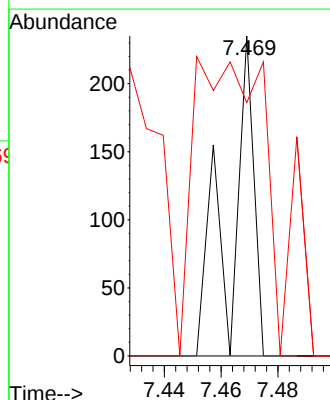
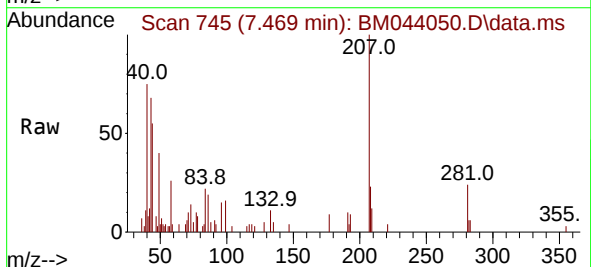
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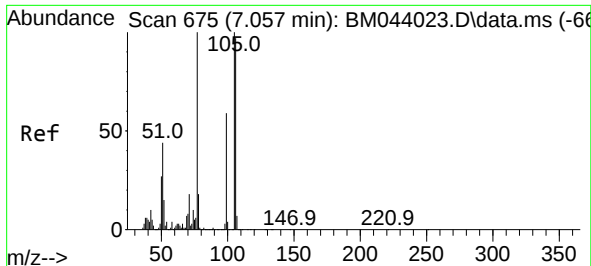
Tgt Ion: 99 Resp: 5267790
Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 30.7 23.9 35.9



#8
2-Chlorophenol
Concen: 0.004 ng
RT: 7.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion: 128 Resp: 138
Ion Ratio Lower Upper
128 100
130 0.0 12.1 52.1#
64 79.1 26.0 66.0#

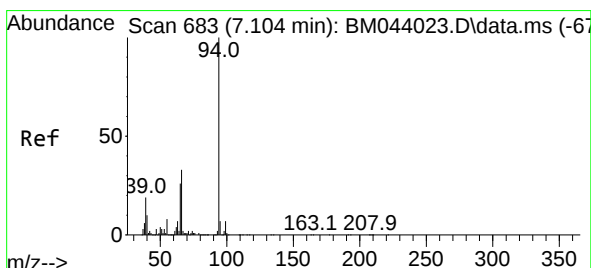
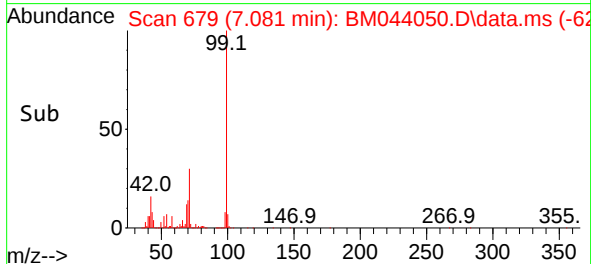
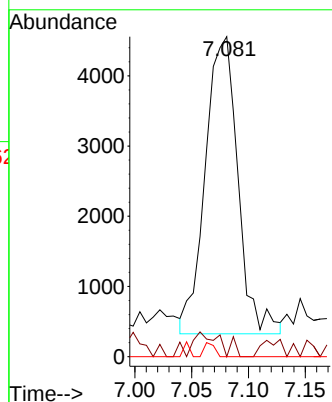
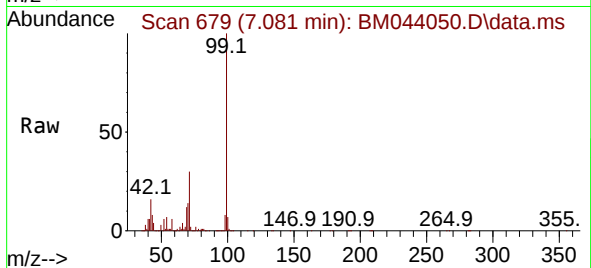




#9
Benzaldehyde
Concen: 0.392 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.024 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

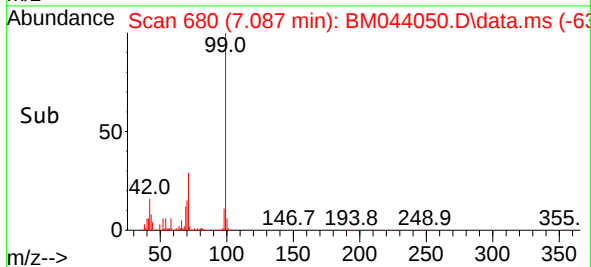
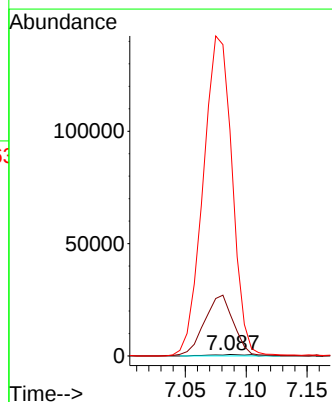
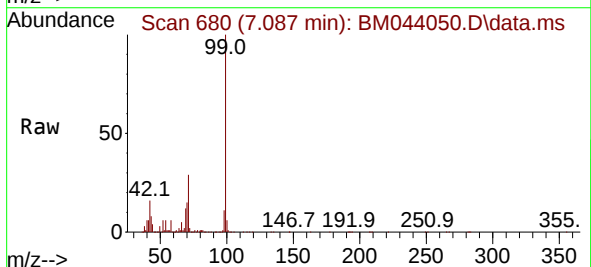
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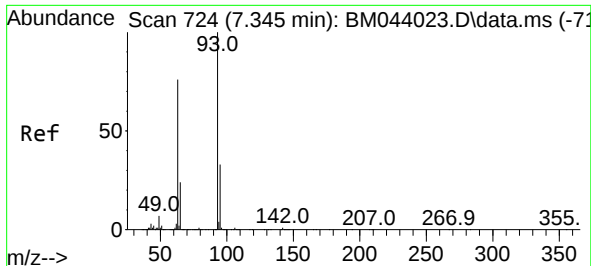
Tgt Ion: 77 Resp: 8475
Ion Ratio Lower Upper
77 100
105 0.0 80.0 120.0#
106 0.0 76.8 116.8#



#10
Phenol
Concen: 0.032 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.018 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion: 94 Resp: 1344
Ion Ratio Lower Upper
94 100
65 3048.3 6.4 46.4#
66 16281.4 13.2 53.2#

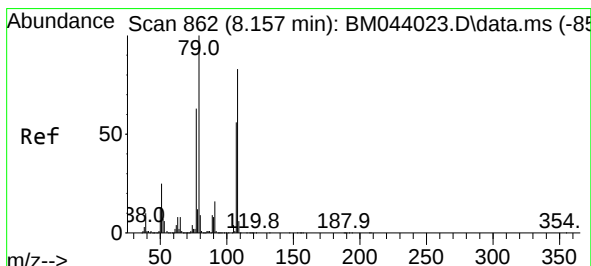
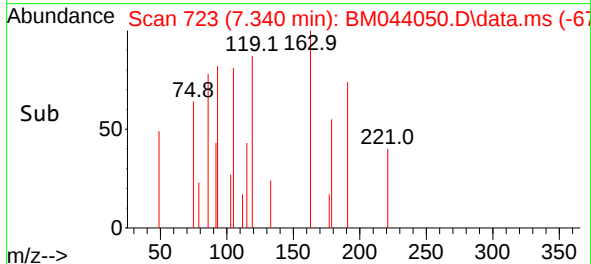
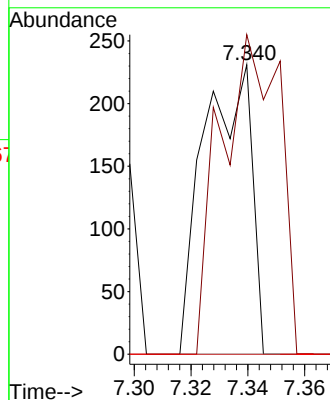
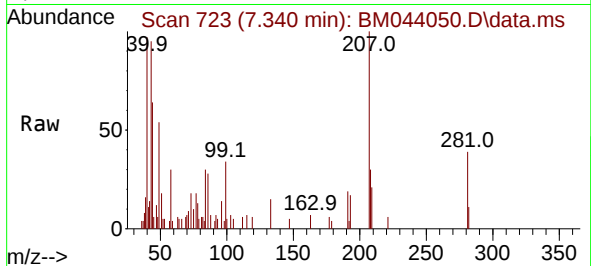




#11
bis(2-Chloroethyl)ether
Concen: 0.008 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.006 min
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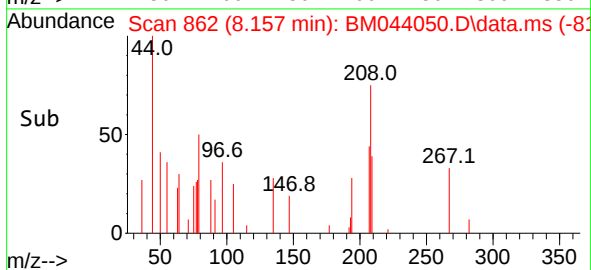
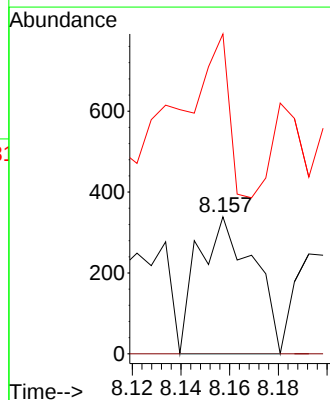
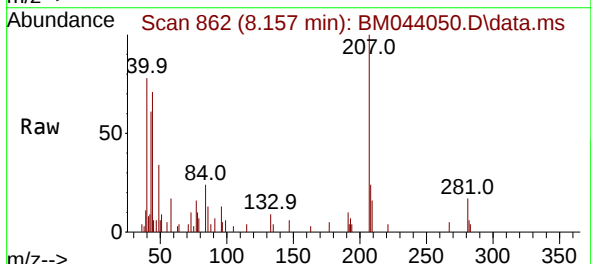
Instrument :
BNA_M
ClientSampleId :
PB155297BL

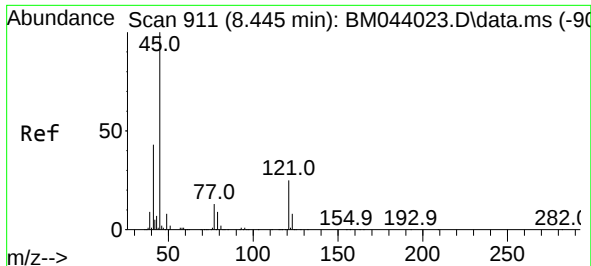
Tgt Ion: 93 Resp: 271
Ion Ratio Lower Upper
93 100
63 110.4 55.9 95.9#
95 0.0 13.0 53.0#



#15
Benzyl Alcohol
Concen: 0.020 ng
RT: 8.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion: 79 Resp: 534
Ion Ratio Lower Upper
79 100
108 0.0 66.0 99.0#
77 233.3 50.4 75.6#

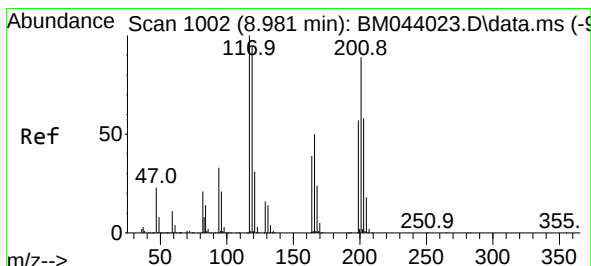
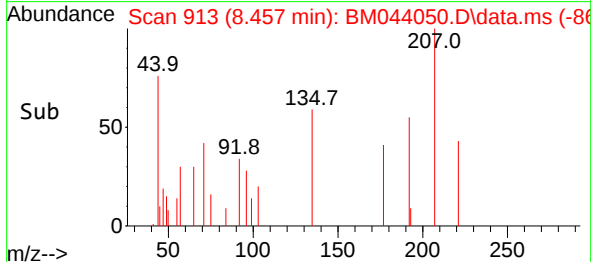
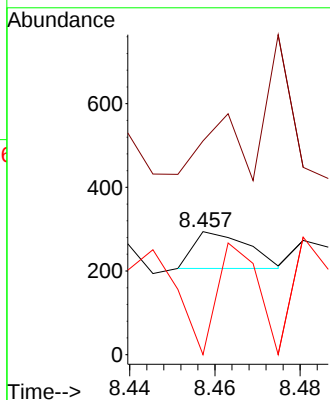
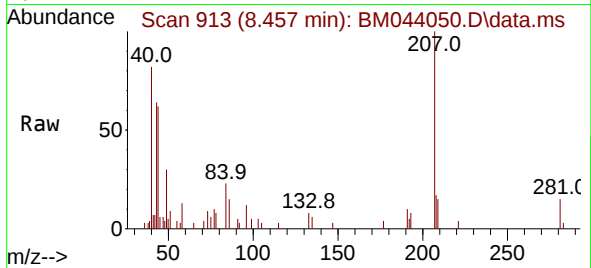




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.002 ng
RT: 8.457 min Scan# 911
Delta R.T. 0.012 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

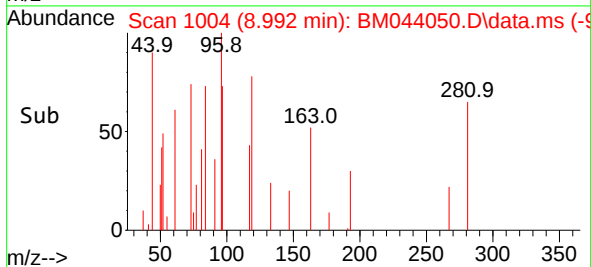
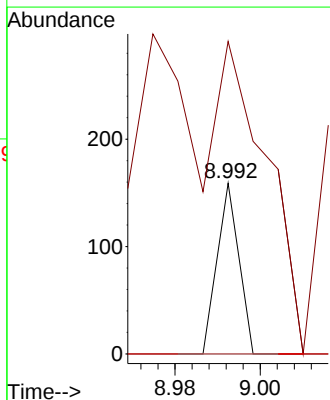
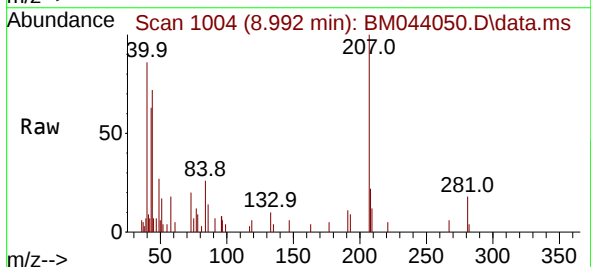
Instrument :
BNA_M
ClientSampleId :
PB155297BL

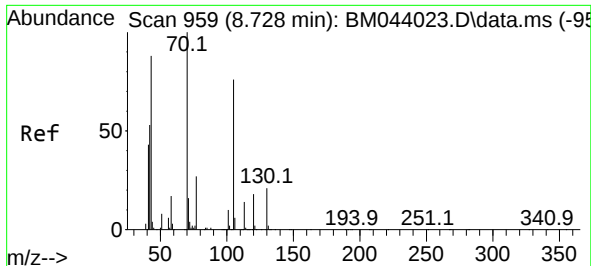
Tgt Ion: 45 Resp: 78
Ion Ratio Lower Upper
45 100
77 173.8 0.0 35.1#
79 0.0 0.0 31.5



#18
Hexachloroethane
Concen: 0.004 ng
RT: 8.992 min Scan# 1004
Delta R.T. 0.012 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion: 117 Resp: 56
Ion Ratio Lower Upper
117 100
119 183.0 75.7 113.5#
201 0.0 71.5 107.3#



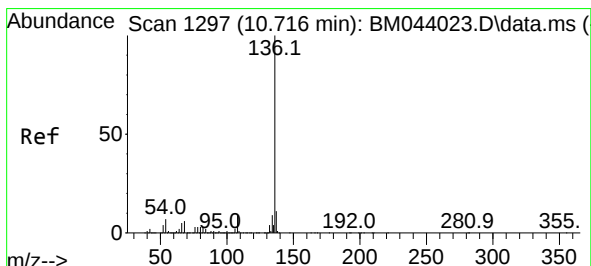
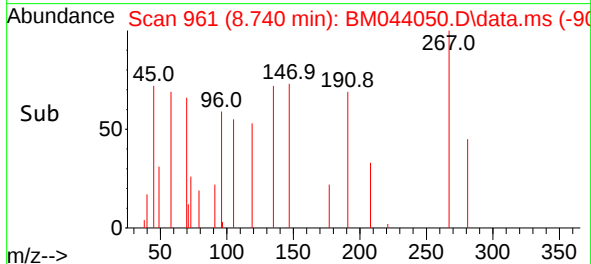
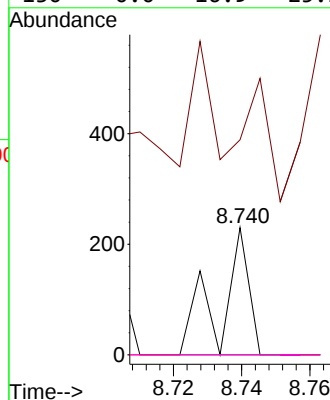
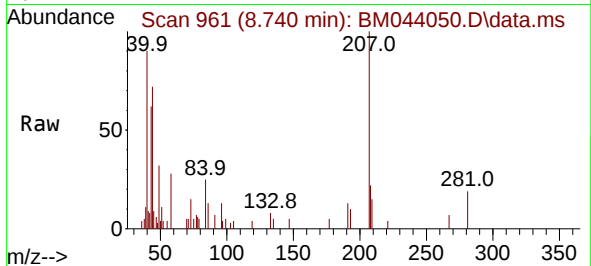


#19
n-Nitroso-di-n-propylamine
Concen: 0.005 ng
RT: 8.740 min Scan# 90
Delta R.T. 0.012 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Instrument :
BNA_M
ClientSampleId :
PB155297BL

Tgt Ion: 70 Resp: 135

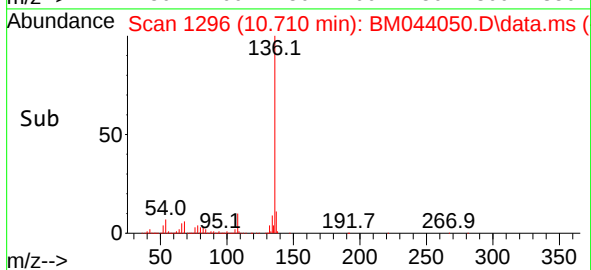
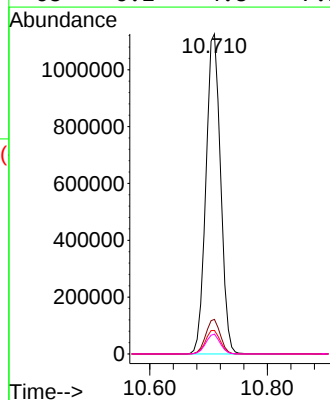
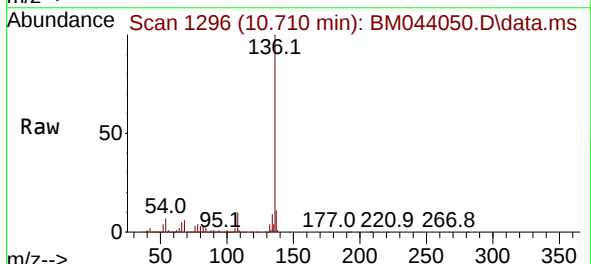
Ion	Ratio	Lower	Upper
70	100		
42	169.1	42.6	64.0#
101	0.0	7.8	11.6#
130	0.0	16.9	25.3#

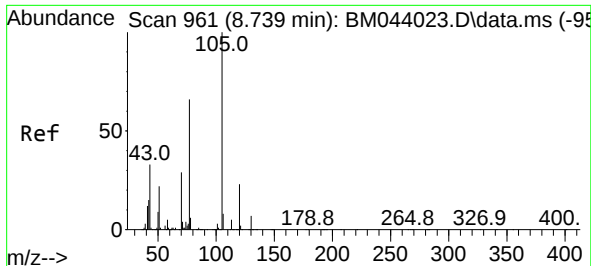


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion: 136 Resp: 1939678

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	5.9	8.9
68	6.2	4.8	7.2

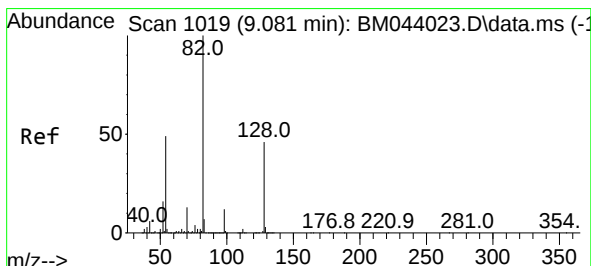
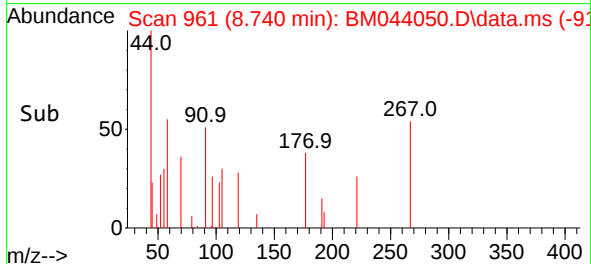
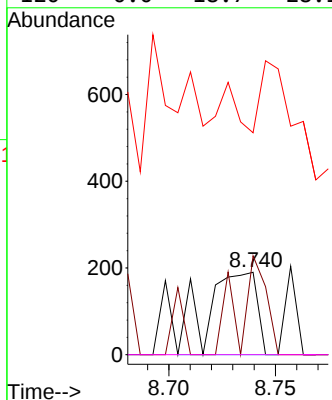
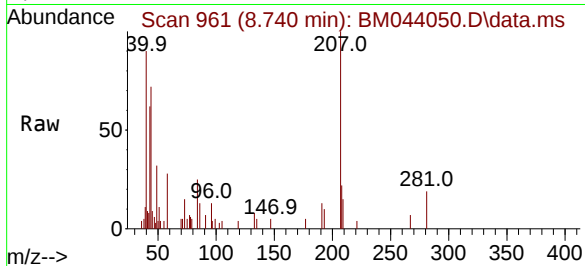




#22
Acetophenone
Concen: 0.006 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

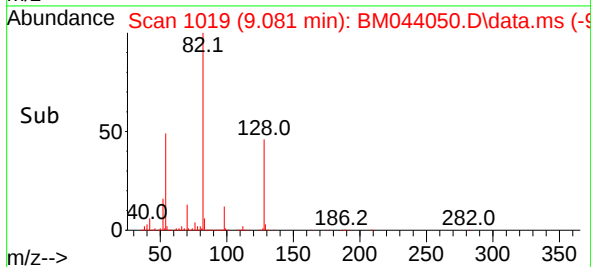
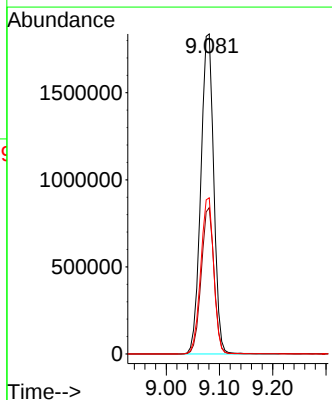
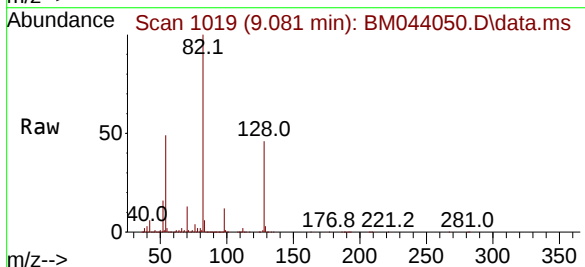
Instrument :
BNA_M
ClientSampleId :
PB155297BL

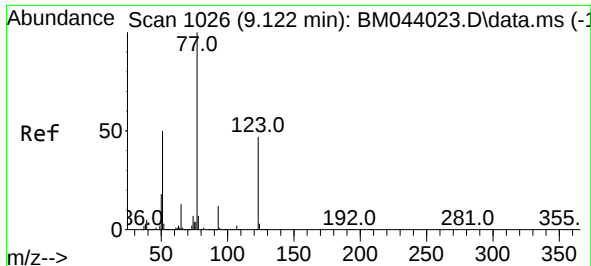
Tgt Ion:105 Resp: 313
Ion Ratio Lower Upper
105 100
71 120.0 4.0 6.0#
51 269.5 20.1 30.1#
120 0.0 18.7 28.1#



#23
Nitrobenzene-d5
Concen: 84.868 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion: 82 Resp: 3102234
Ion Ratio Lower Upper
82 100
128 45.7 37.1 55.7
54 48.8 38.9 58.3

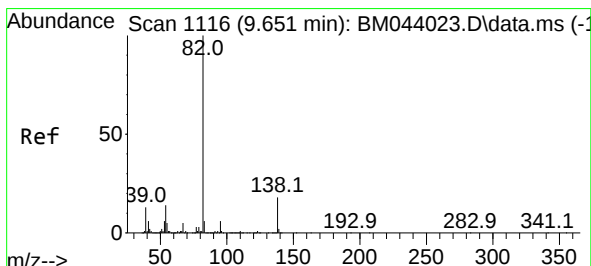
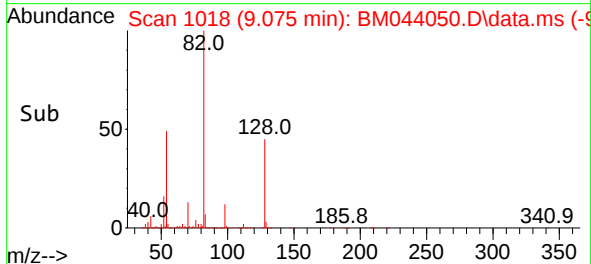
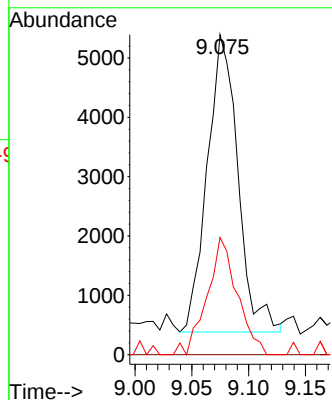
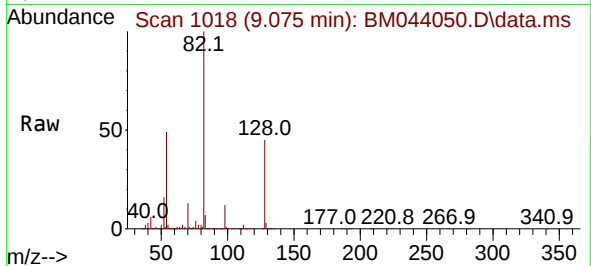




#24
Nitrobenzene
Concen: 0.252 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.047 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

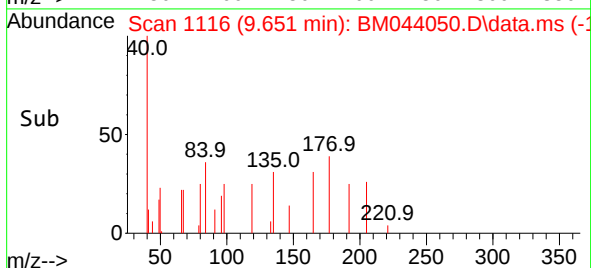
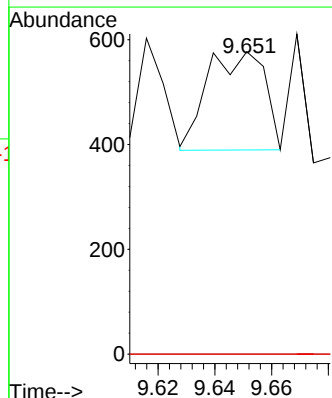
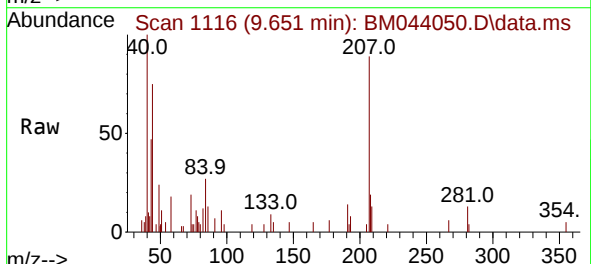
Instrument :
BNA_M
ClientSampleId :
PB155297BL

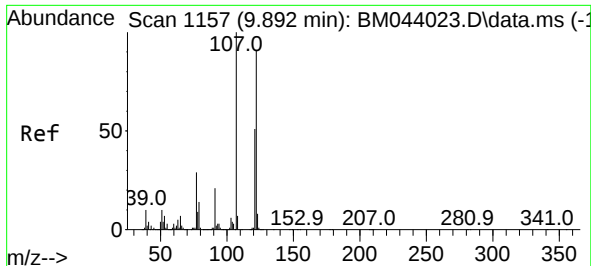
Tgt Ion: 77 Resp: 9417
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.8#
65 36.6 10.5 15.7#



#25
Isophorone
Concen: 0.004 ng
RT: 9.651 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion: 82 Resp: 262
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: 9.910 min Scan# 1157

Delta R.T. 0.018 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

Instrument :

BNA_M

ClientSampleId :

PB155297BL

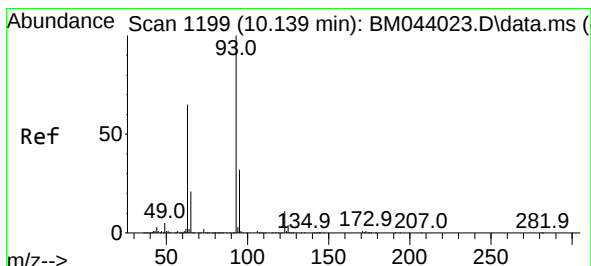
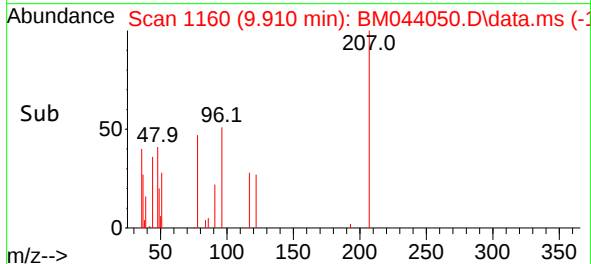
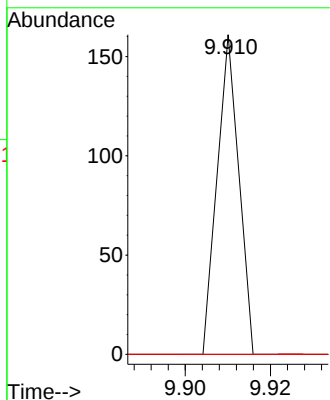
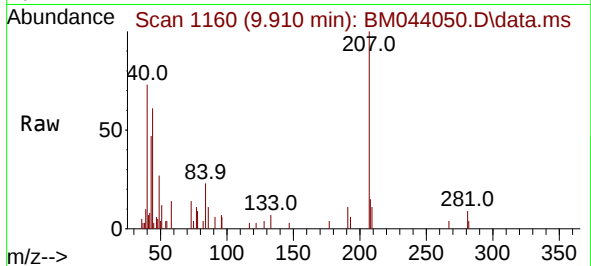
Tgt Ion:122 Resp: 57

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: 10.034 min Scan# 1181

Delta R.T. -0.106 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

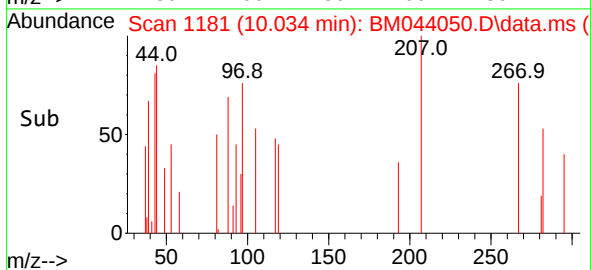
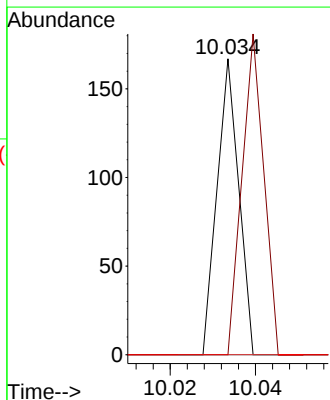
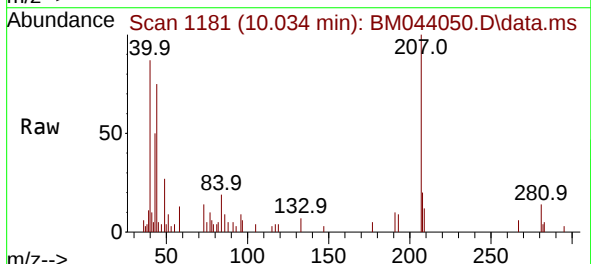
Tgt Ion: 93 Resp: 59

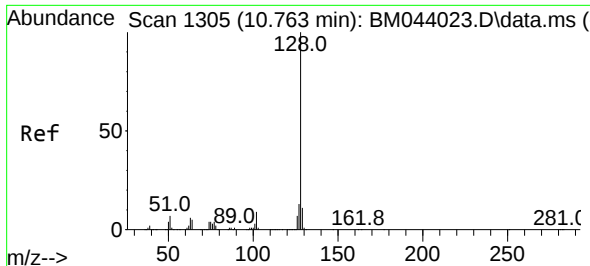
Ion Ratio Lower Upper

93 100

95 0.0 26.0 39.0#

123 0.0 9.2 13.8#

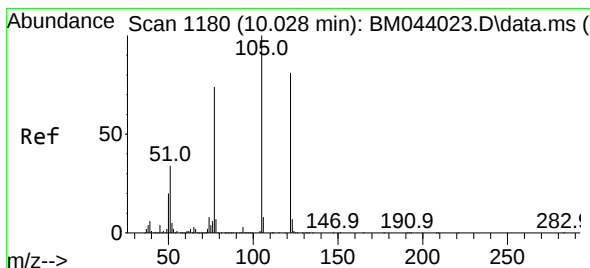
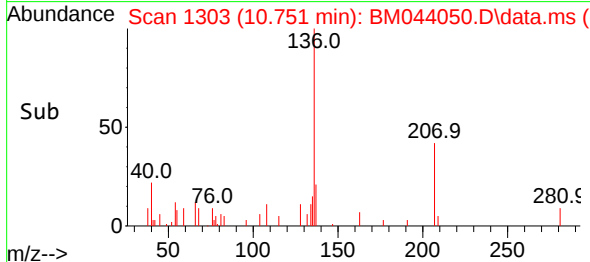
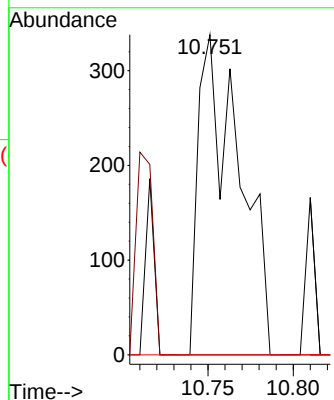
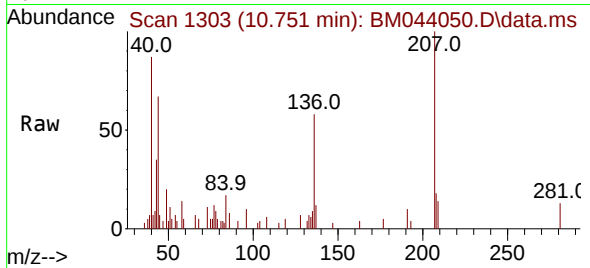




#31
Naphthalene
Concen: 0.005 ng
RT: 10.751 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

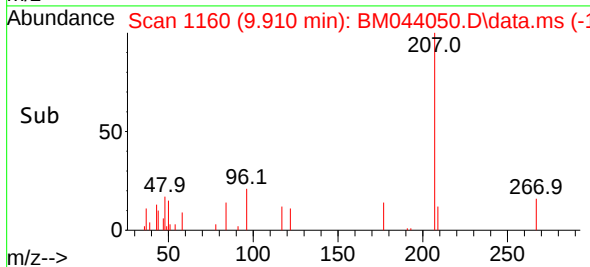
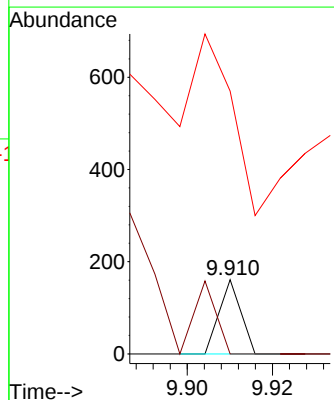
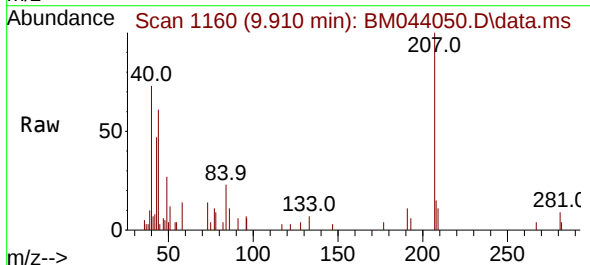
Instrument :
BNA_M
ClientSampleId :
PB155297BL

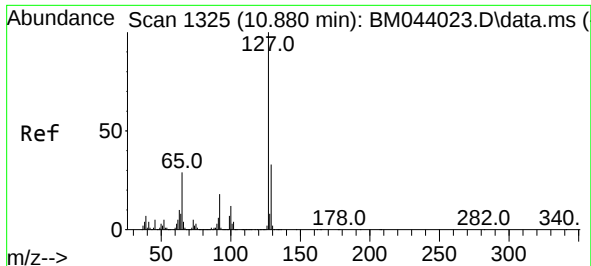
Tgt Ion:128 Resp: 560
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.3 15.5#



#32
Benzoic acid
Concen: 0.003 ng
RT: 9.910 min Scan# 1160
Delta R.T. -0.118 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 100.1 140.1#
77 354.0 69.6 109.6#

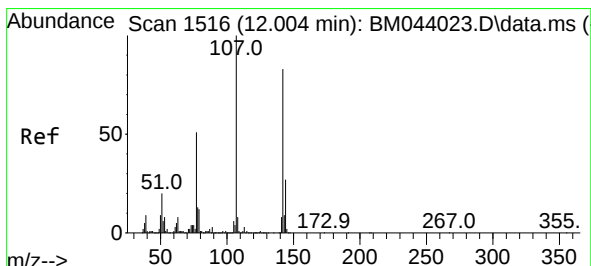
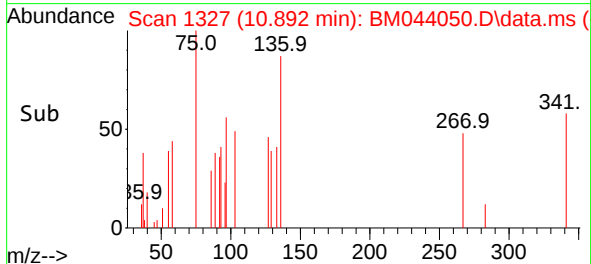
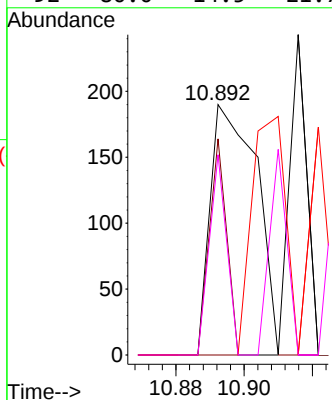
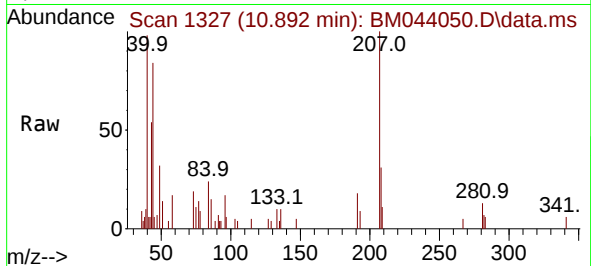




#33
4-Chloroaniline
Concen: 0.004 ng
RT: 10.892 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

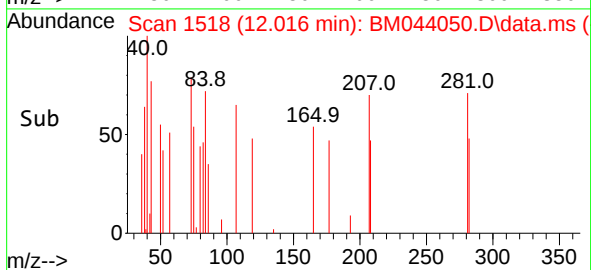
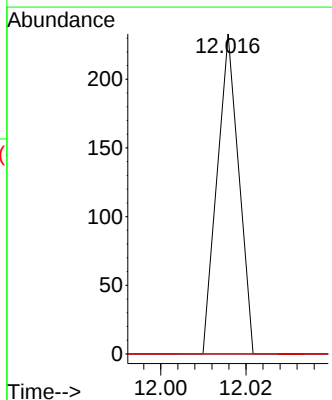
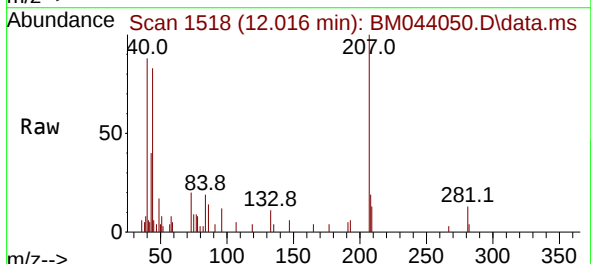
Instrument :
BNA_M
ClientSampleId :
PB155297BL

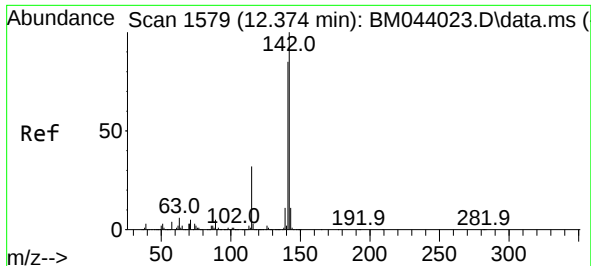
Tgt Ion:127	Resp:	179
Ion	Ratio	Lower Upper
127	100	
129	86.3	26.0 39.0#
65	0.0	23.0 34.6#
92	80.0	14.5 21.7#



#36
4-Chloro-3-methylphenol
Concen: 0.003 ng
RT: 12.016 min Scan# 1518
Delta R.T. 0.012 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion:107	Resp:	82
Ion	Ratio	Lower Upper
107	100	
144	0.0	21.3 31.9#
142	0.0	66.2 99.4#





#37

2-Methylnaphthalene

Concen: 0.001 ng

RT: 12.380 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

Instrument :

BNA_M

ClientSampleId :

PB155297BL

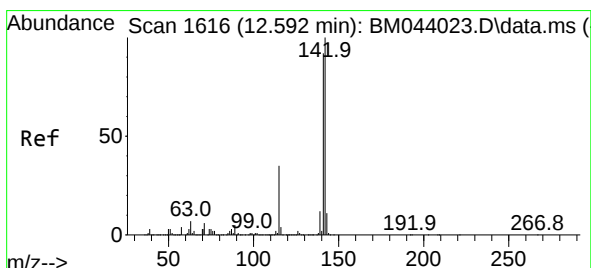
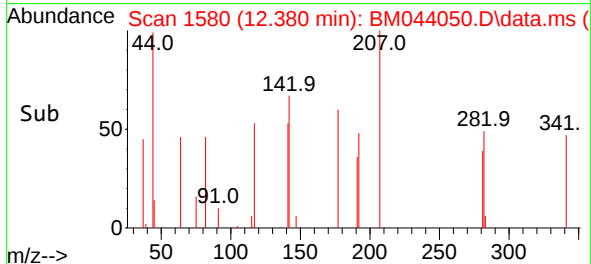
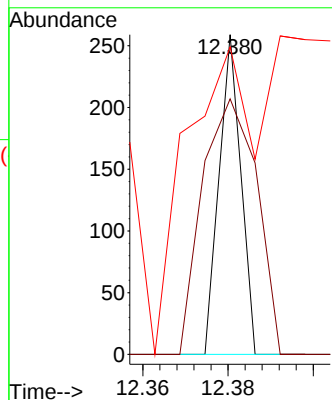
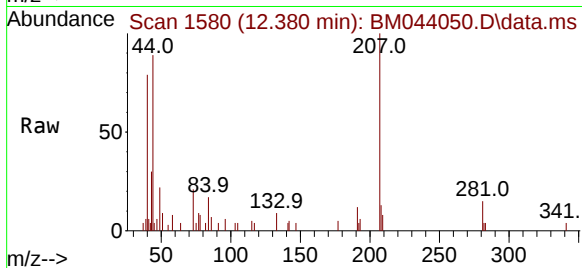
Tgt Ion:142 Resp: 91

Ion Ratio Lower Upper

142 100

141 79.9 68.3 102.5

115 96.1 25.7 38.5#



#38

1-Methylnaphthalene

Concen: 0.001 ng

RT: 12.604 min Scan# 1618

Delta R.T. 0.012 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

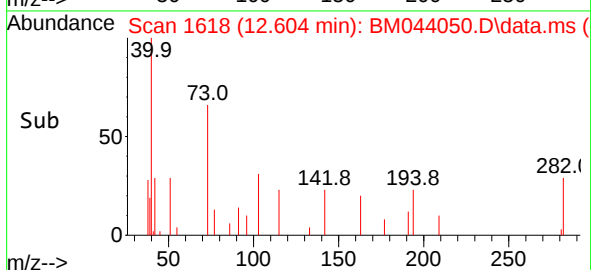
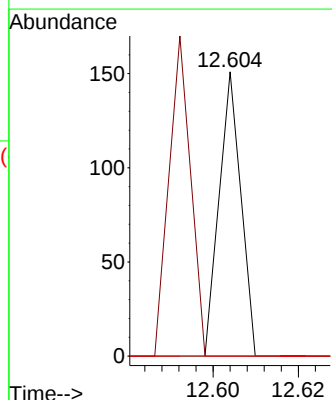
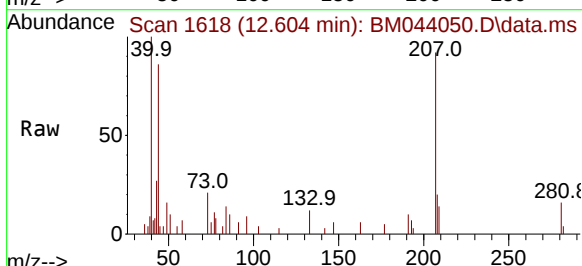
Tgt Ion:142 Resp: 53

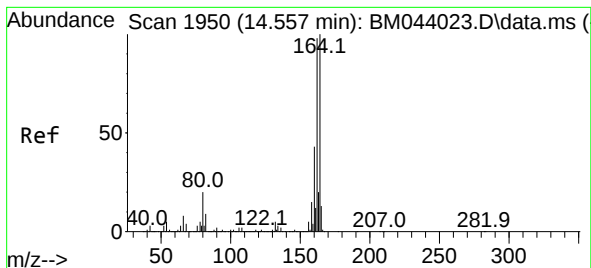
Ion Ratio Lower Upper

142 100

141 0.0 73.4 110.0#

116 0.0 3.0 4.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

Instrument :

BNA_M

ClientSampleId :

PB155297BL

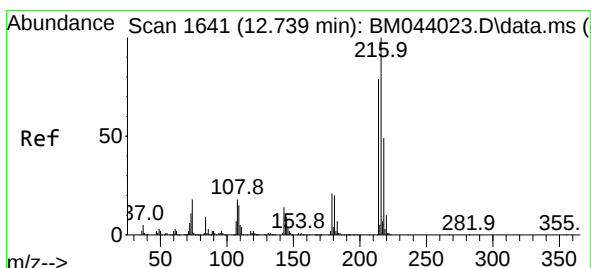
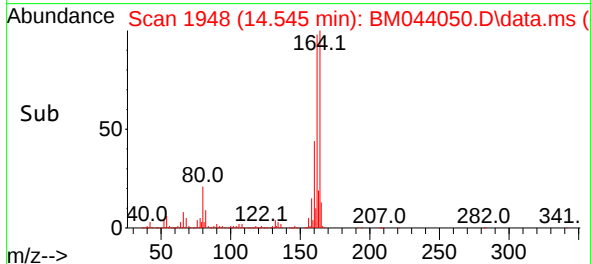
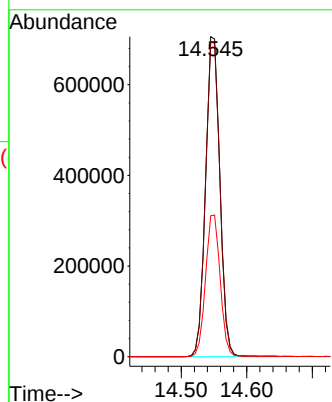
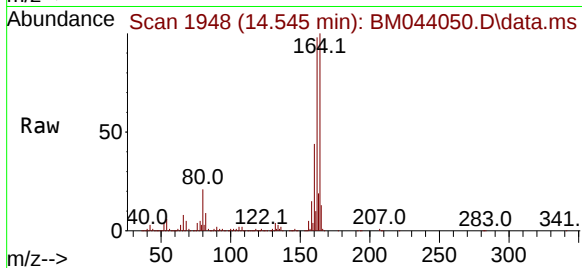
Tgt Ion:164 Resp: 1069939

Ion Ratio Lower Upper

164 100

162 98.4 78.4 117.6

160 44.1 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.002 ng

RT: 12.739 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

Tgt Ion:216 Resp: 53

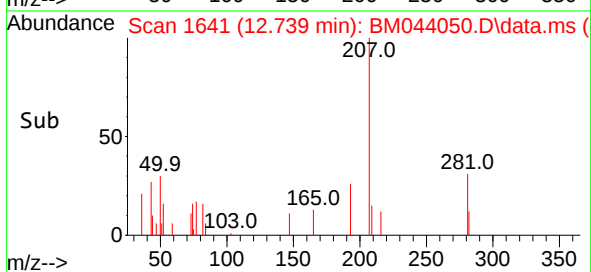
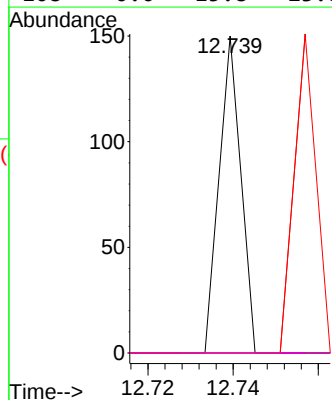
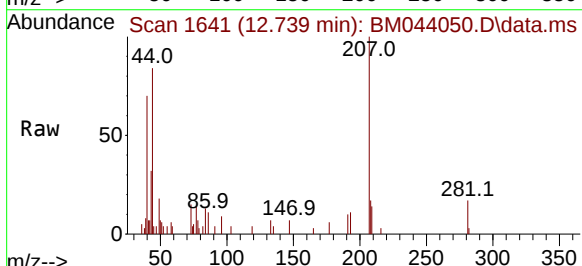
Ion Ratio Lower Upper

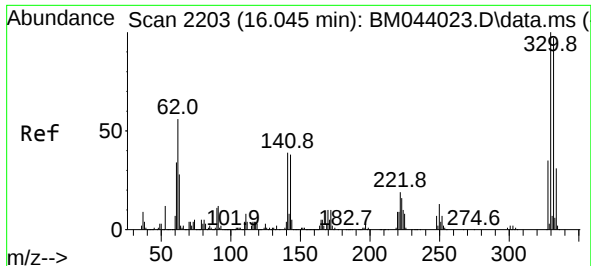
216 100

214 0.0 63.1 94.7#

179 100.0 17.0 25.6#

108 0.0 15.8 23.8#

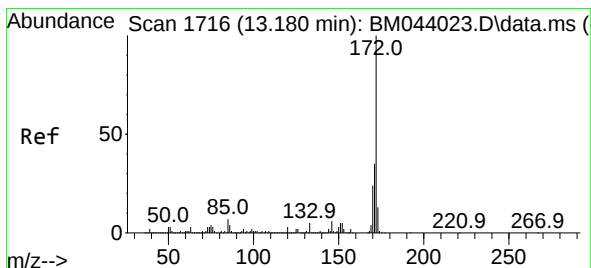
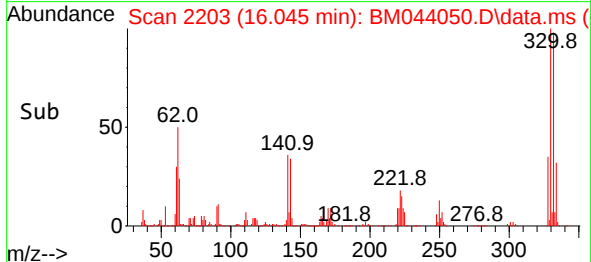
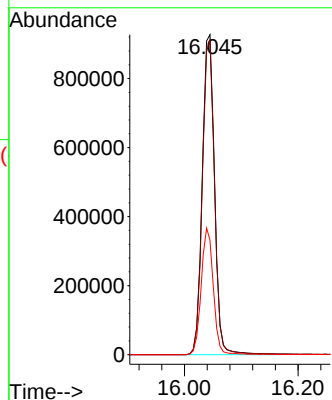
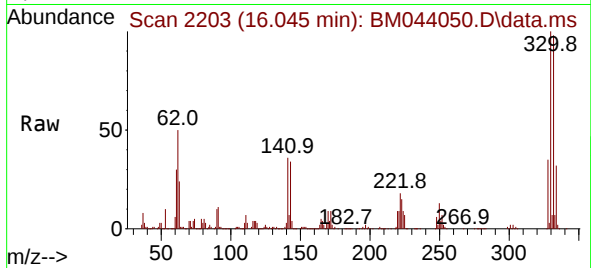




#42
2,4,6-Tribromophenol
Concen: 120.313 ng
RT: 16.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

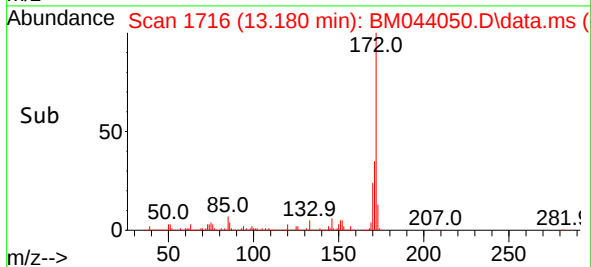
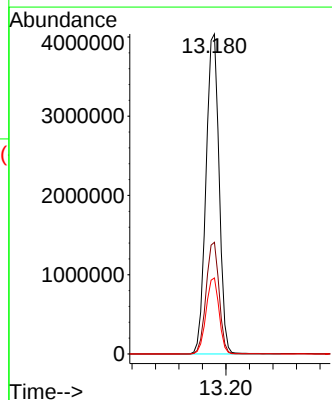
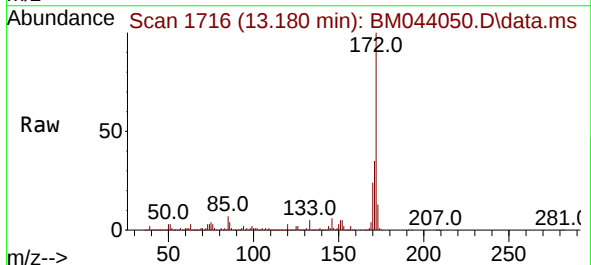
Instrument :
BNA_M
ClientSampleId :
PB155297BL

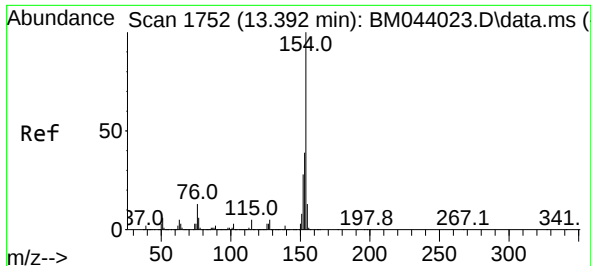
Tgt Ion:330 Resp: 1393764
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 39.0 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 82.605 ng
RT: 13.180 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion:172 Resp: 6262372
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.8 19.0 28.4

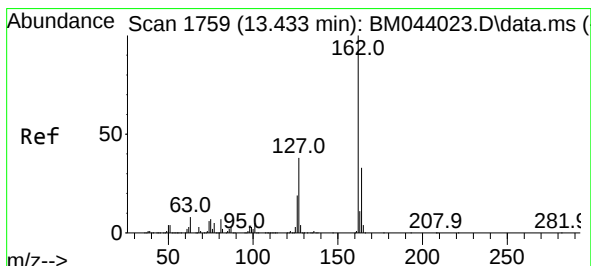
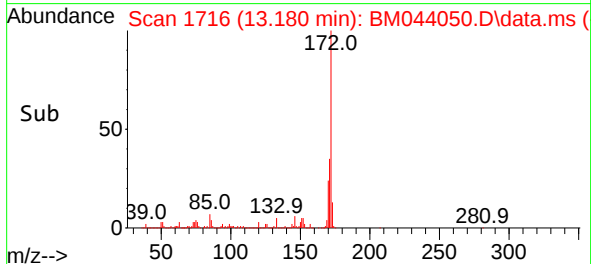
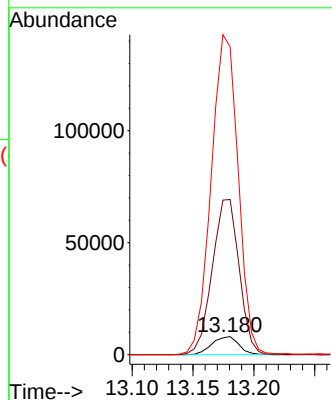
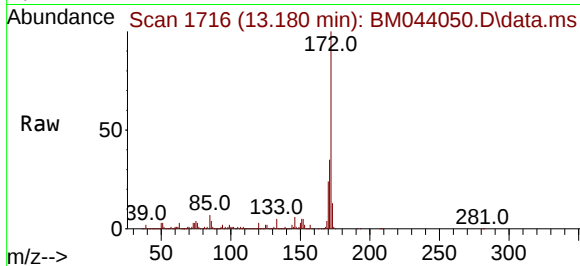




#46
1,1'-Biphenyl
Concen: 0.148 ng
RT: 13.180 min Scan# 1752
Delta R.T. -0.212 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

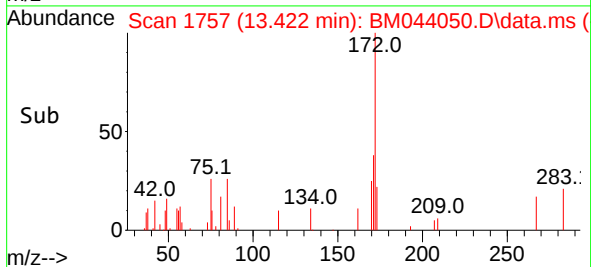
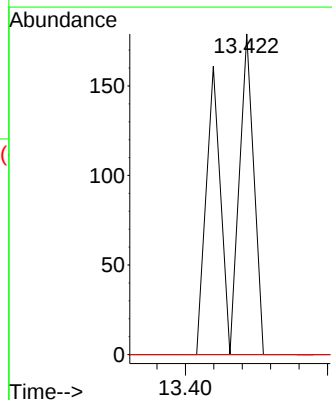
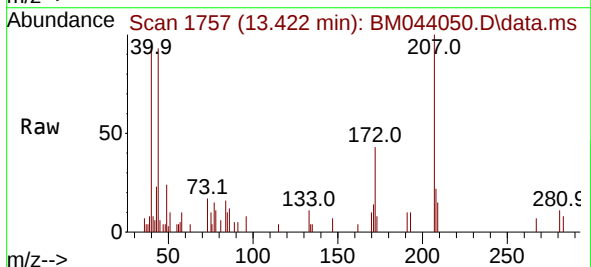
Instrument :
BNA_M
ClientSampleId :
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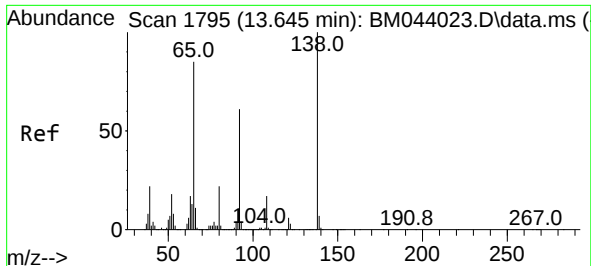
Tgt Ion:154 Resp: 12462
Ion Ratio Lower Upper
154 100
153 860.0 19.4 59.4#
76 1705.7 0.0 32.9#



#47
2-Chloronaphthalene
Concen: 0.002 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion:162 Resp: 120
Ion Ratio Lower Upper
162 100
127 0.0 30.9 46.3#
164 0.0 26.4 39.6#

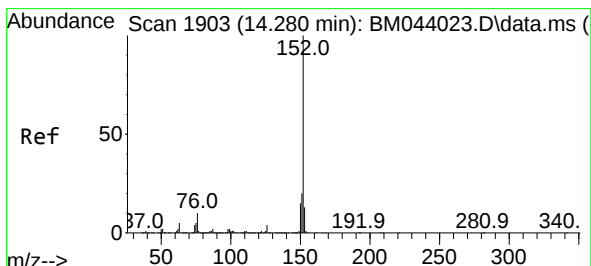
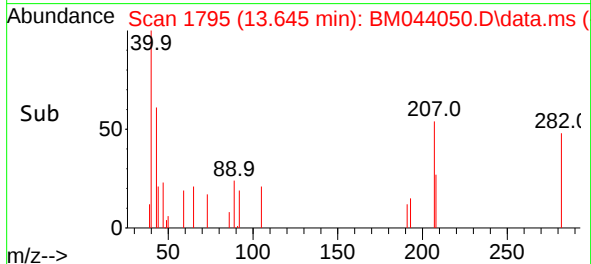
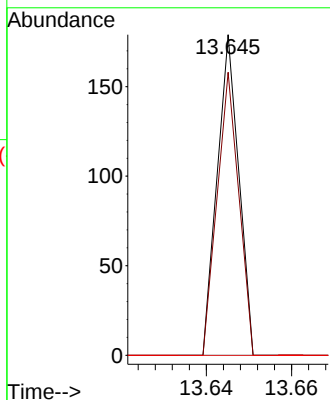
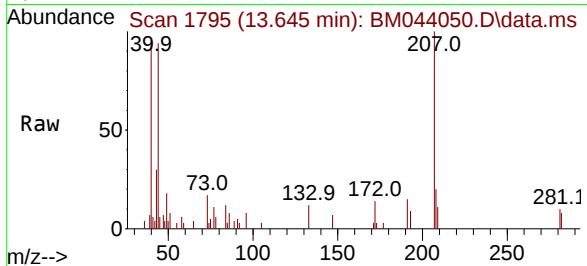




#48
2-Nitroaniline
Concen: 0.003 ng
RT: 13.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

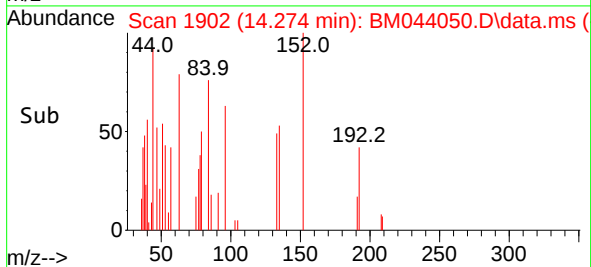
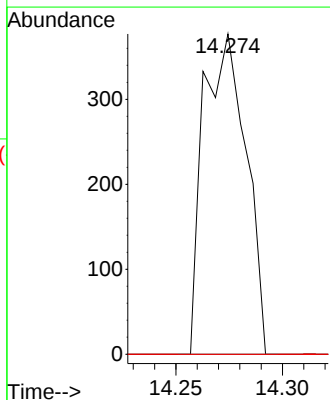
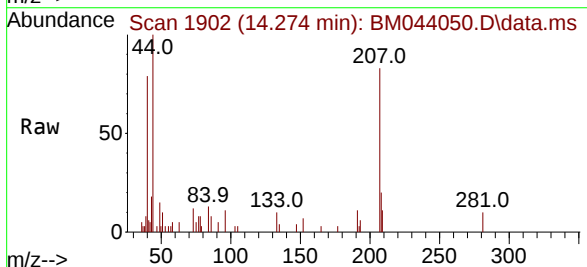
Instrument :
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ClientSampleId :
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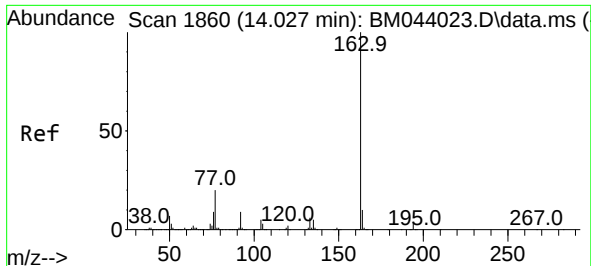
Tgt Ion: 65 Resp: 63
Ion Ratio Lower Upper
65 100
92 88.3 58.1 87.1#
138 0.0 94.6 142.0#



#49
Acenaphthylene
Concen: 0.005 ng
RT: 14.274 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion: 152 Resp: 524
Ion Ratio Lower Upper
152 100
151 0.0 15.8 23.6#
153 0.0 10.5 15.7#

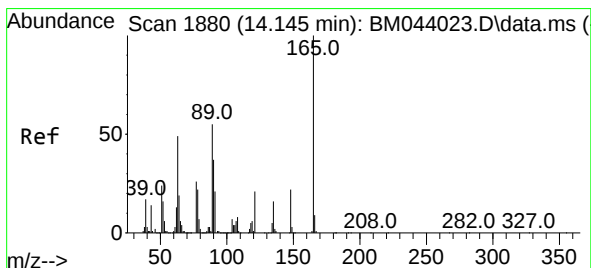
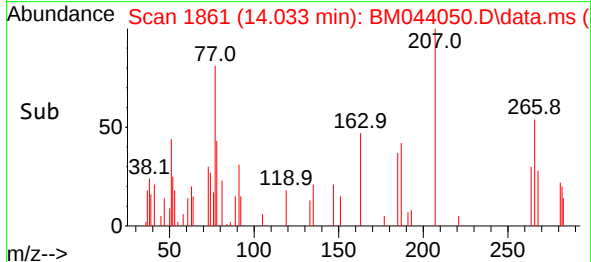
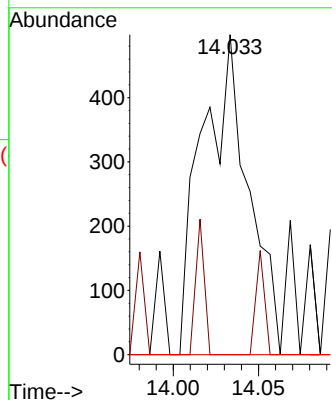
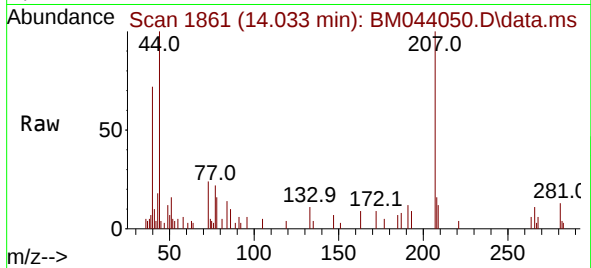




#50
Dimethylphthalate
Concen: 0.012 ng
RT: 14.033 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

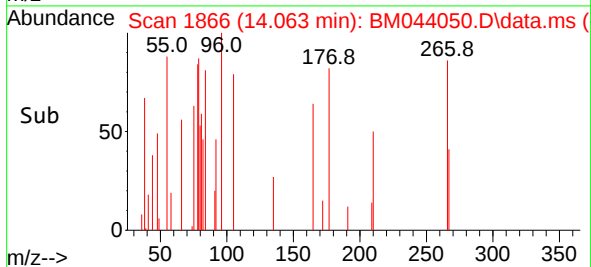
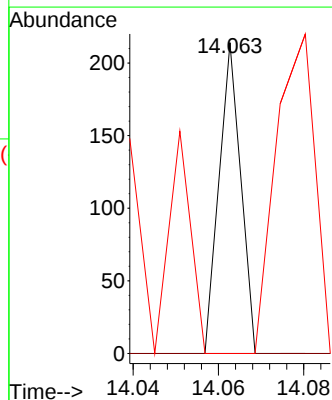
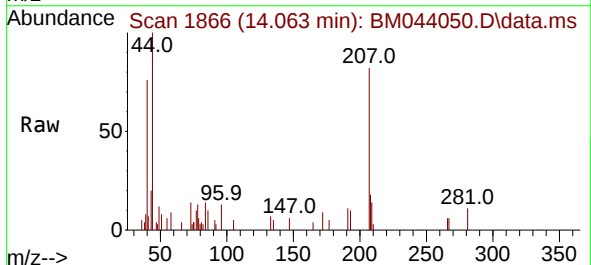
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BNA_M
ClientSampleId :
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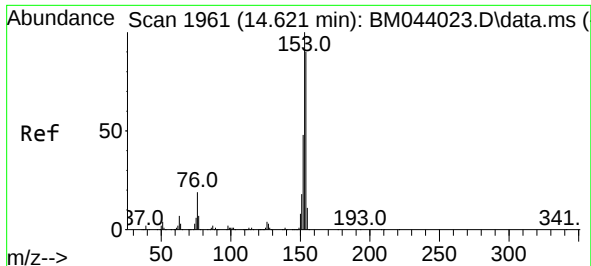
Tgt Ion:163 Resp: 944
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 0.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 0.004 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.082 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion:165 Resp: 75
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 44.4 66.6#

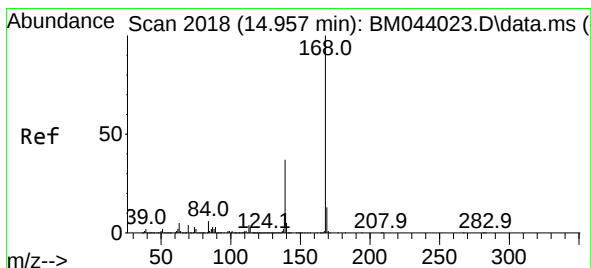
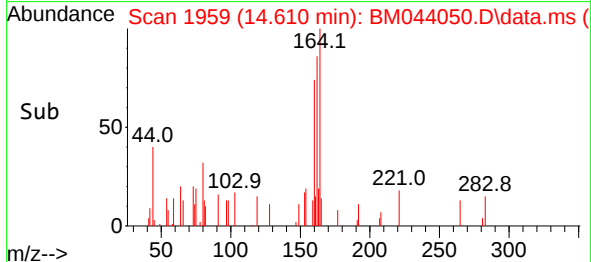
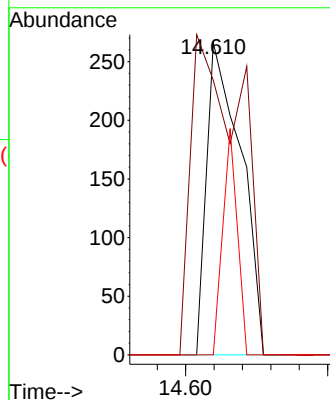
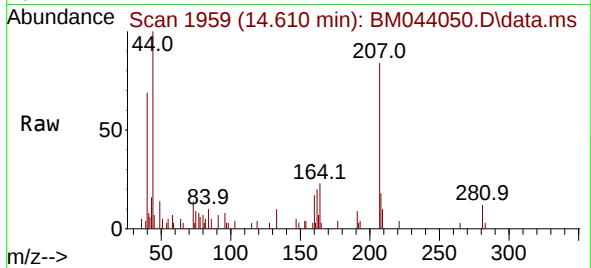




#52
Acenaphthene
Concen: 0.004 ng
RT: 14.610 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

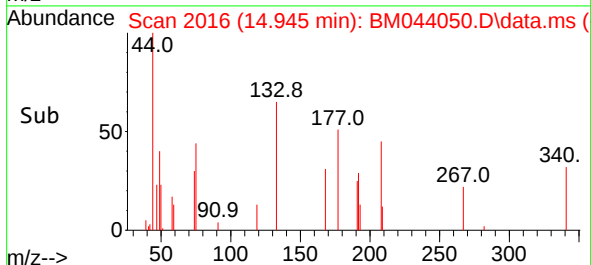
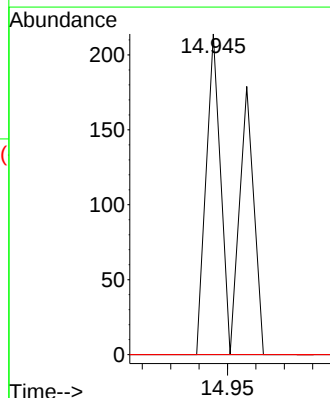
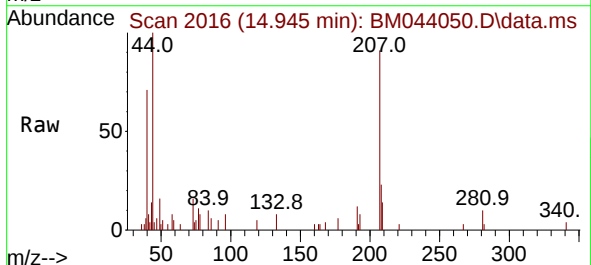
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ClientSampleId :
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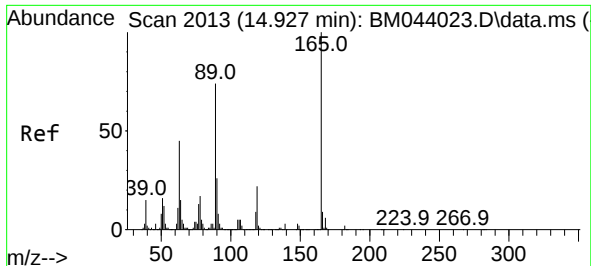
Tgt Ion:154 Resp: 222
Ion Ratio Lower Upper
154 100
153 88.0 89.3 133.9#
152 0.0 43.0 64.6#



#55
Dibenzofuran
Concen: 0.001 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

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

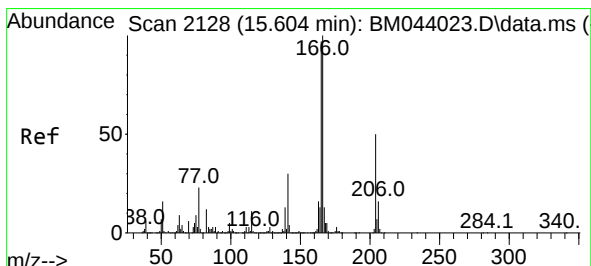
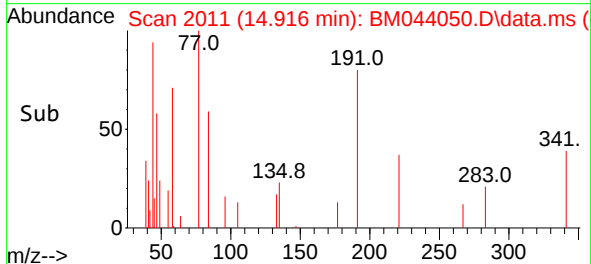
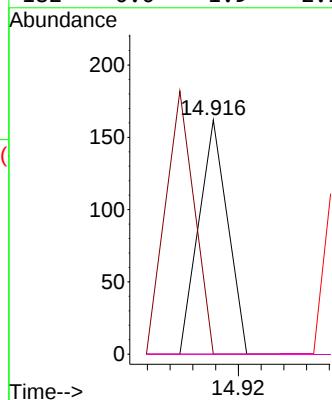
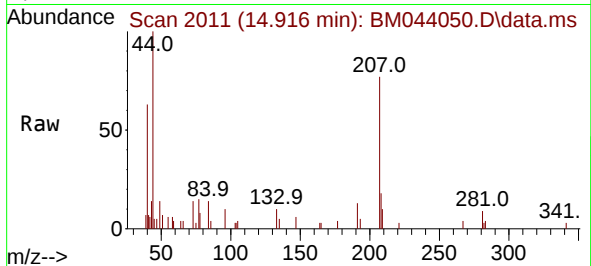




#57
2,4-Dinitrotoluene
Concen: 0.002 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

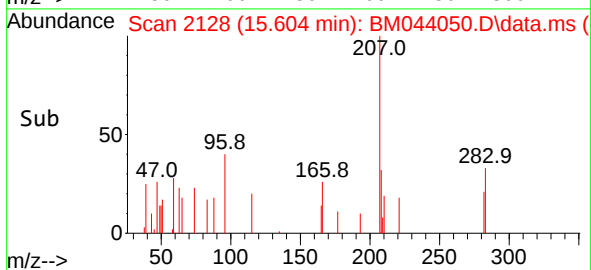
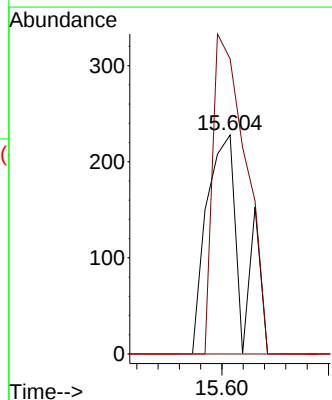
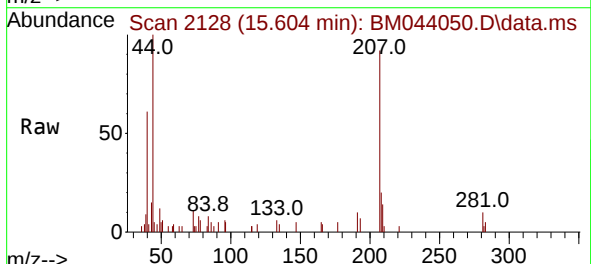
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ClientSampleId :
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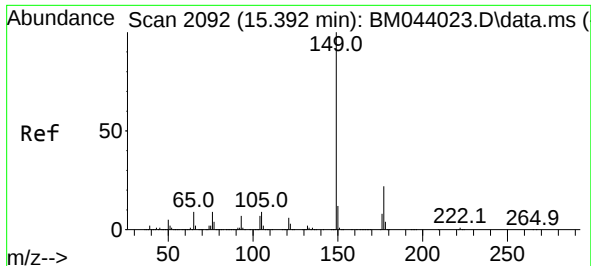
Tgt Ion:165 Resp: 57
Ion Ratio Lower Upper
165 100
63 0.0 35.9 53.9#
89 0.0 58.9 88.3#
182 0.0 1.9 2.9#



#58
Fluorene
Concen: 0.004 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion:166 Resp: 261
Ion Ratio Lower Upper
166 100
165 134.6 77.7 116.5#
167 0.0 10.7 16.1#

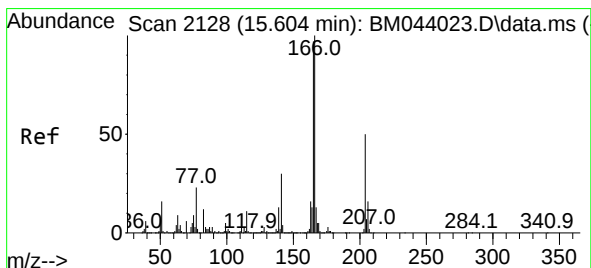
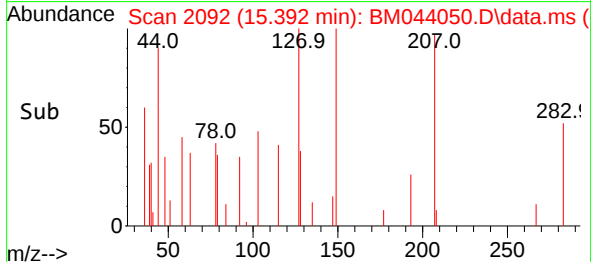
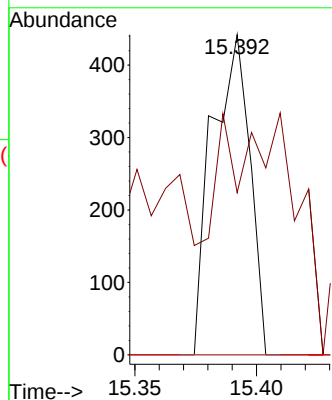
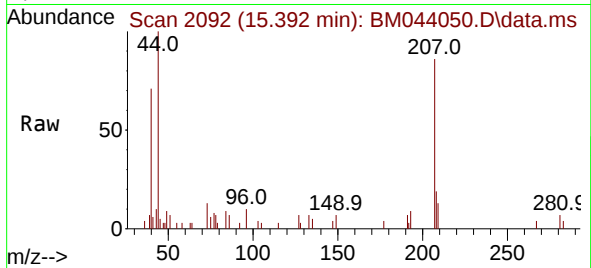




#60
Diethylphthalate
Concen: 0.006 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

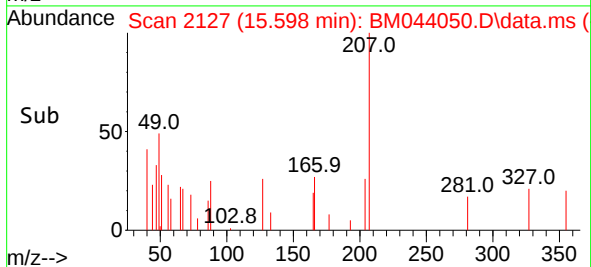
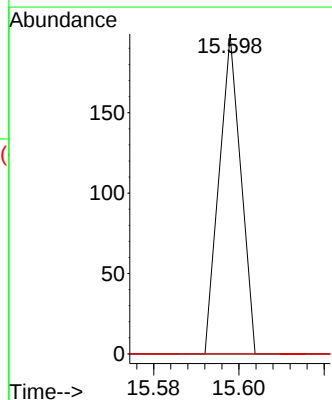
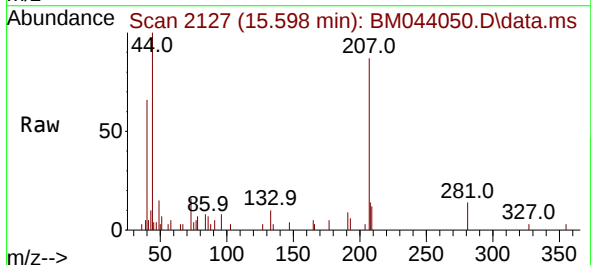
Instrument :
BNA_M
ClientSampleId :
PB155297BL

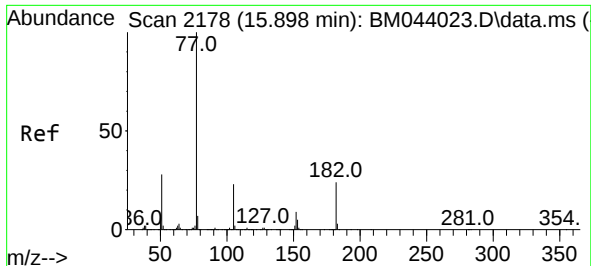
Tgt Ion:149 Resp: 477
Ion Ratio Lower Upper
149 100
177 50.7 17.5 26.3#
150 0.0 9.8 14.6#



#61
4-Chlorophenyl-phenylether
Concen: 0.002 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion:204 Resp: 70
Ion Ratio Lower Upper
204 100
206 0.0 26.3 39.5#
141 0.0 47.7 71.5#

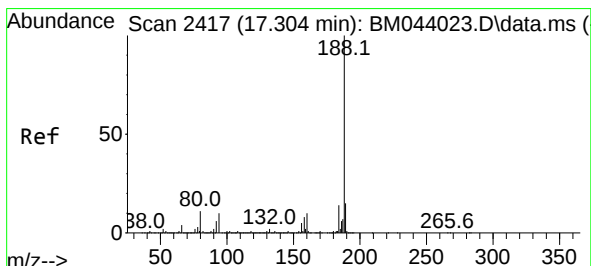
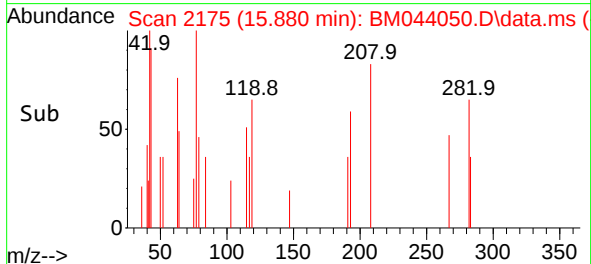
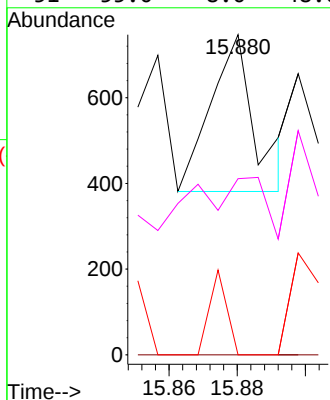
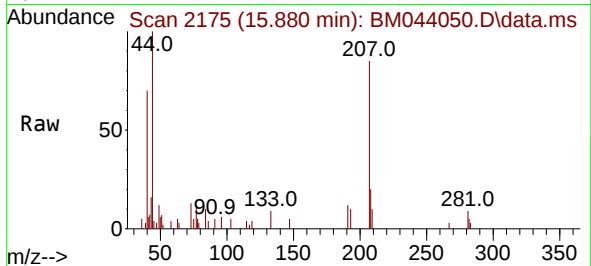




#63
Azobenzene
Concen: 0.004 ng
RT: 15.880 min Scan# 2178
Delta R.T. -0.018 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

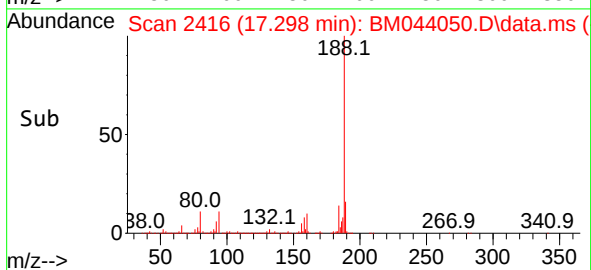
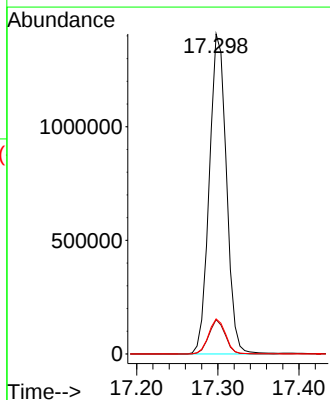
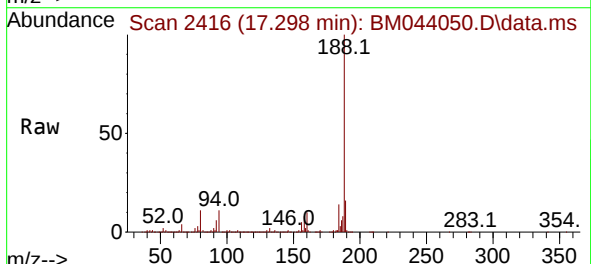
Instrument :
BNA_M
ClientSampleId :
PB155297BL

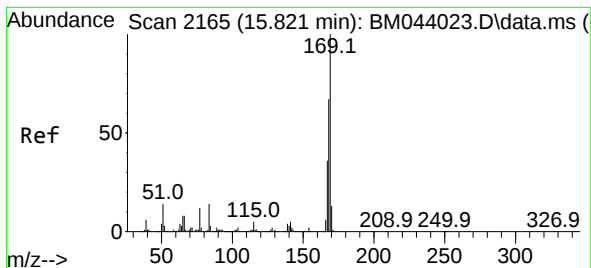
Tgt Ion: 77 Resp: 328
Ion Ratio Lower Upper
77 100
182 0.0 4.0 44.0#
105 0.0 3.3 43.3#
51 55.0 8.0 48.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion:188 Resp: 2066222
Ion Ratio Lower Upper
188 100
94 10.7 8.2 12.2
80 11.0 8.8 13.2





#66

n-Nitrosodiphenylamine

Concen: 0.759 ng

RT: 16.039 min Scan# 2165

Delta R.T. 0.218 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

Instrument :

BNA_M

ClientSampleId :

PB155297BL

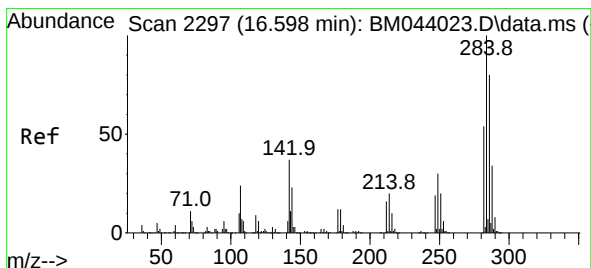
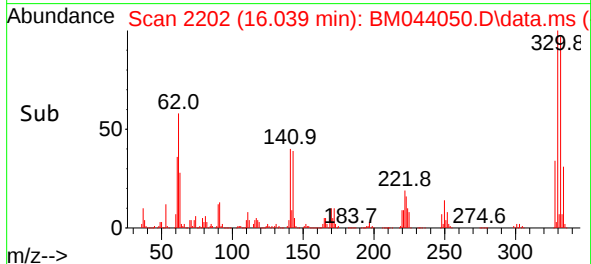
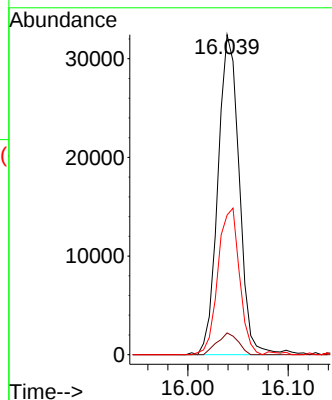
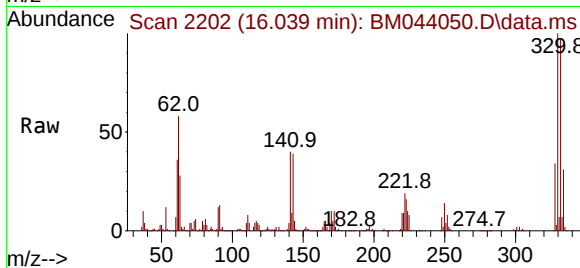
Tgt Ion:169 Resp: 47615

Ion Ratio Lower Upper

169 100

168 6.8 53.8 80.8#

167 43.6 29.2 43.8



#68

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.610 min Scan# 2299

Delta R.T. 0.012 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

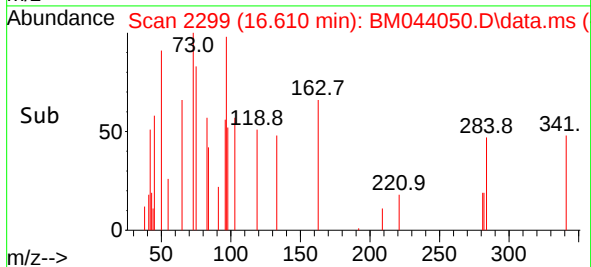
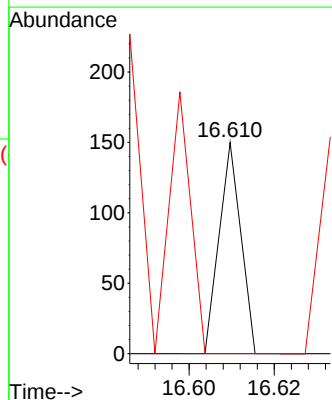
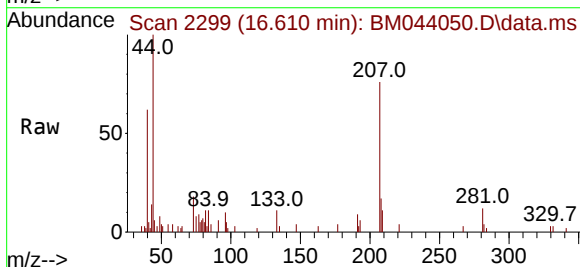
Tgt Ion:284 Resp: 53

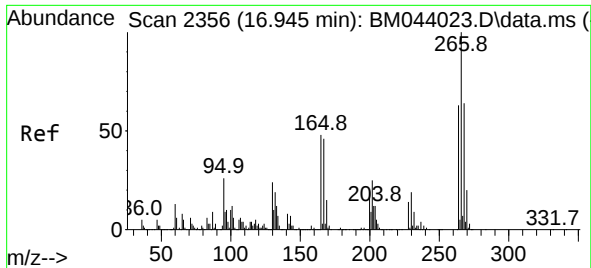
Ion Ratio Lower Upper

284 100

142 0.0 30.0 45.0#

249 0.0 24.1 36.1#

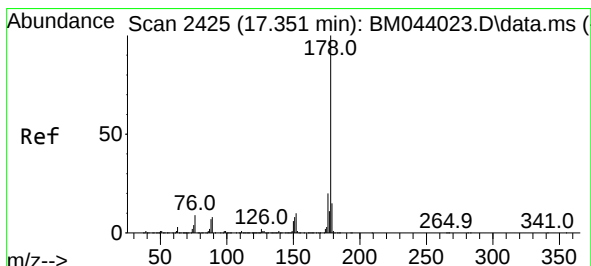
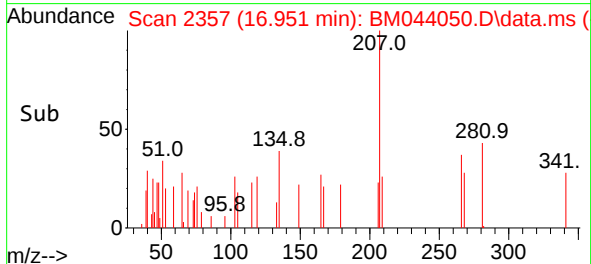
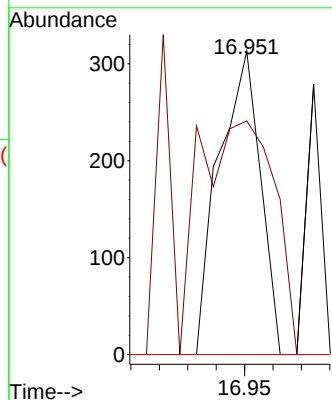
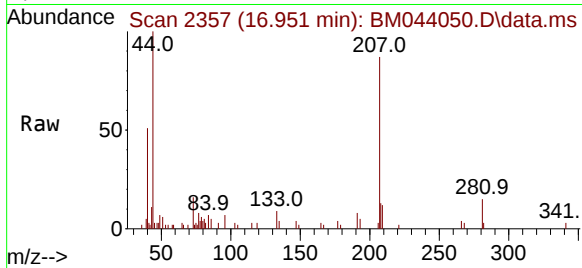




#70
 Pentachlorophenol
 Concen: 0.020 ng
 RT: 16.951 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM044050.D
 Acq: 12 Feb 2024 11:05

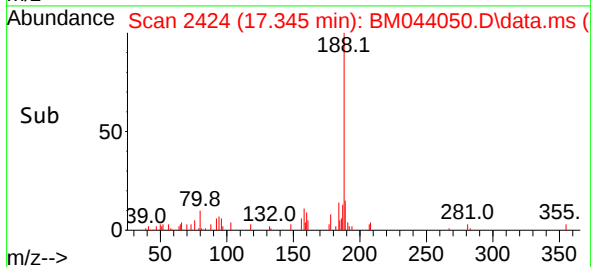
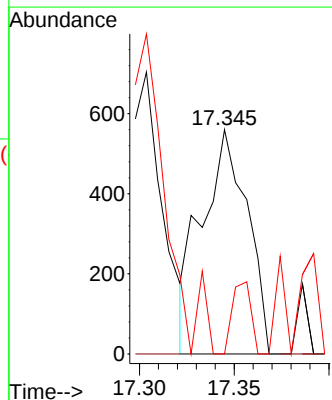
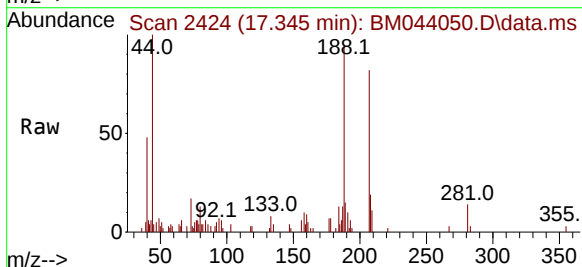
Instrument :
 BNA_M
 ClientSampleId :
 PB155297BL

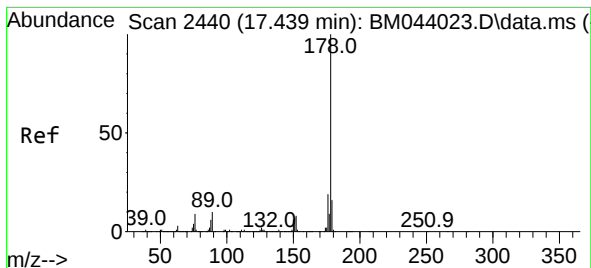
Tgt Ion:266 Resp: 318
 Ion Ratio Lower Upper
 266 100
 268 77.0 51.1 76.7#
 264 0.0 50.5 75.7#



#71
 Phenanthrene
 Concen: 0.009 ng
 RT: 17.345 min Scan# 2424
 Delta R.T. -0.006 min
 Lab File: BM044050.D
 Acq: 12 Feb 2024 11:05

Tgt Ion:178 Resp: 937
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.6 23.4#
 179 0.0 12.2 18.4#





#72

Anthracene

Concen: 0.008 ng

RT: 17.433 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

Instrument :

BNA_M

ClientSampleId :

PB155297BL

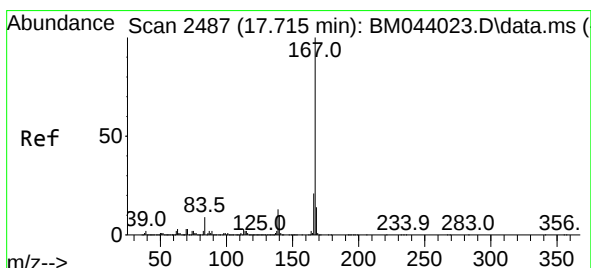
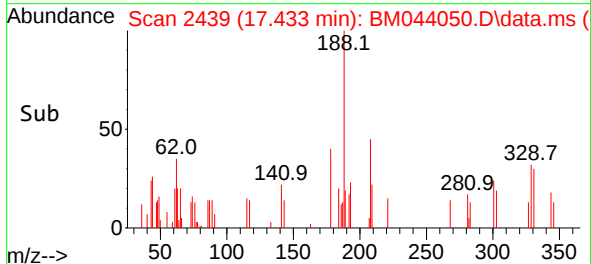
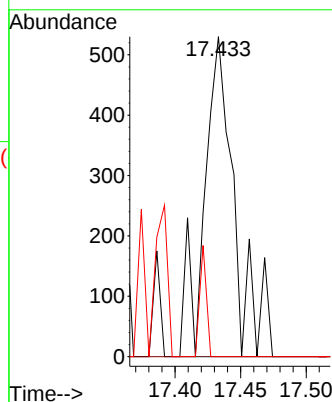
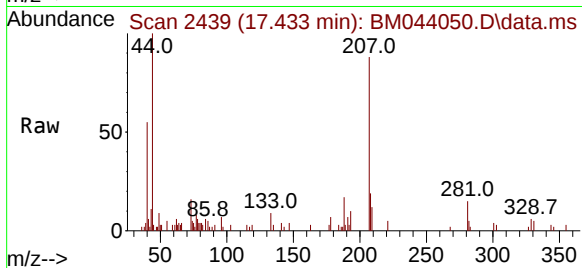
Tgt Ion:178 Resp: 860

Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

179 0.0 12.4 18.6#



#73

Carbazole

Concen: 0.006 ng

RT: 17.715 min Scan# 2487

Delta R.T. 0.000 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

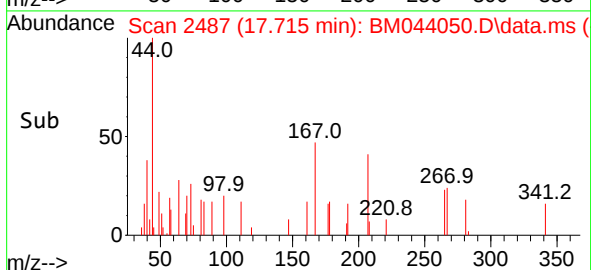
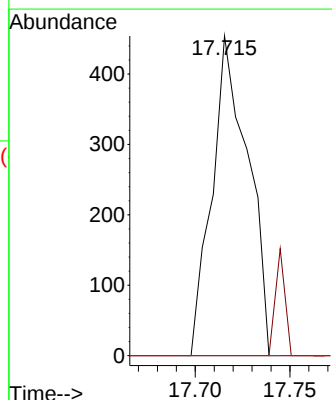
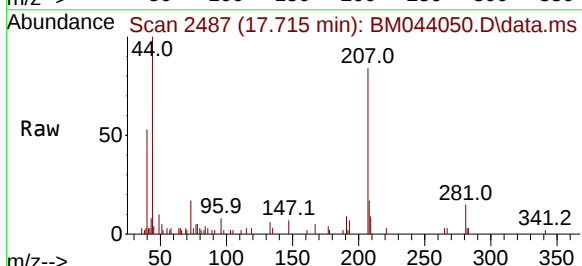
Tgt Ion:167 Resp: 598

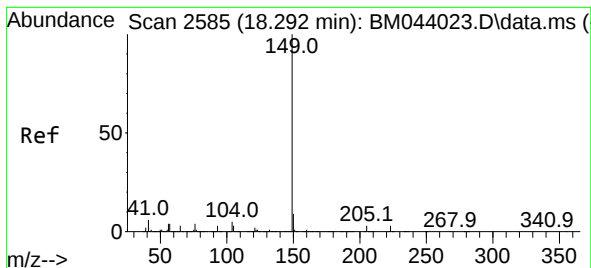
Ion Ratio Lower Upper

167 100

166 0.0 16.8 25.2#

139 0.0 10.4 15.6#





#74

Di-n-butylphthalate

Concen: 0.008 ng

RT: 18.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

Instrument :

BNA_M

ClientSampleId :

PB155297BL

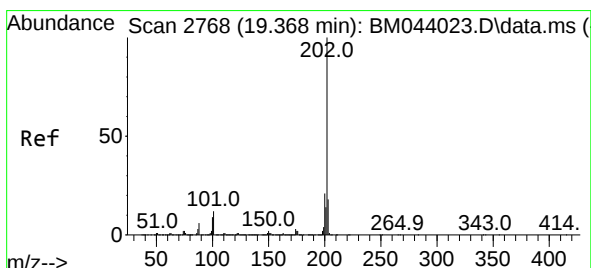
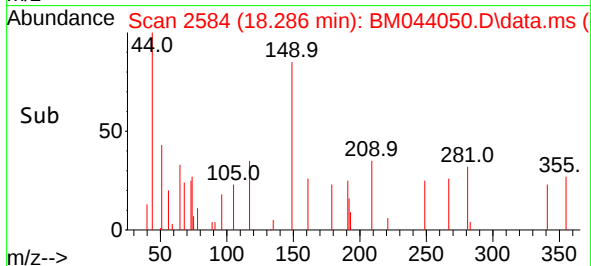
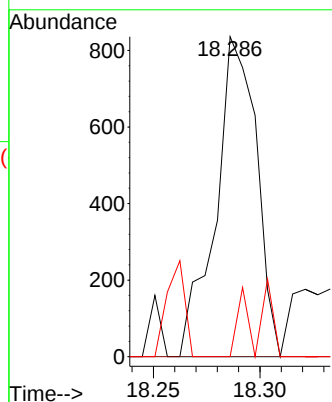
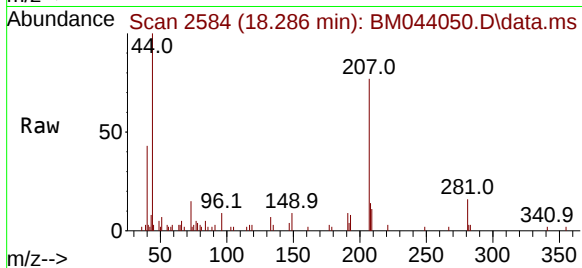
Tgt Ion:149 Resp: 1115

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

104 0.0 3.8 5.6#



#75

Fluoranthene

Concen: 0.004 ng

RT: 19.362 min Scan# 2767

Delta R.T. -0.006 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

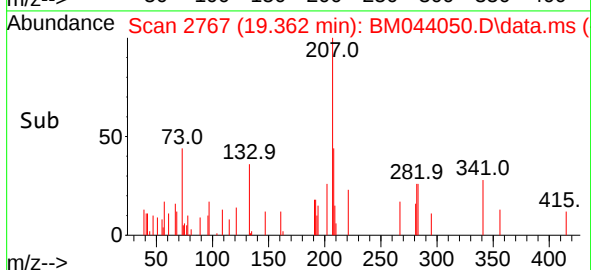
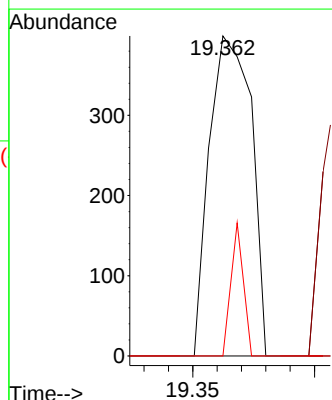
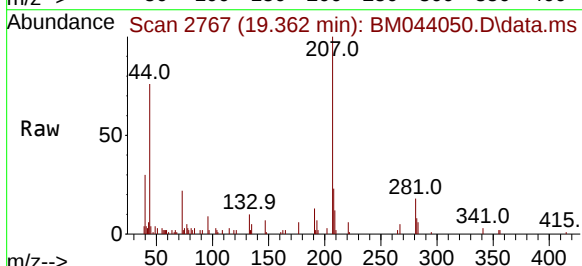
Tgt Ion:202 Resp: 478

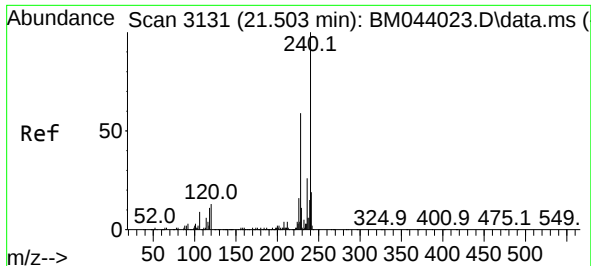
Ion Ratio Lower Upper

202 100

101 0.0 0.0 32.4

203 0.0 0.0 37.8

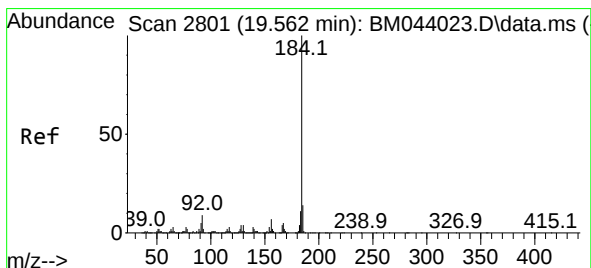
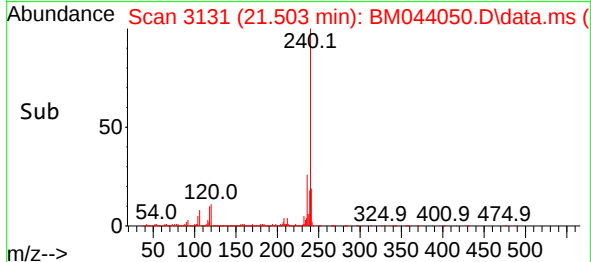
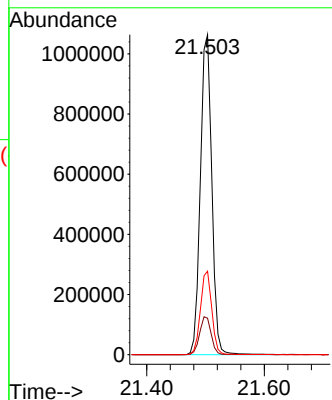
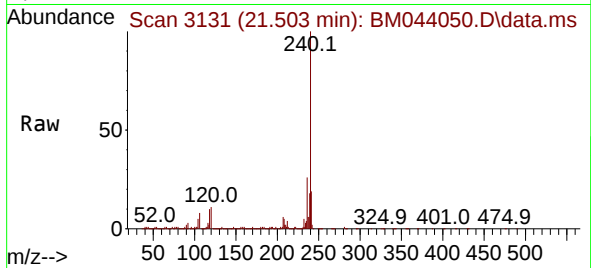




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

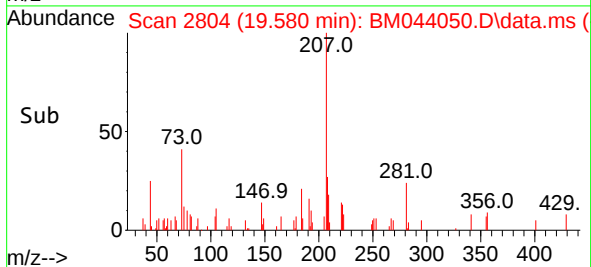
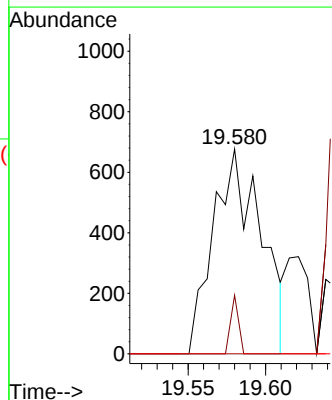
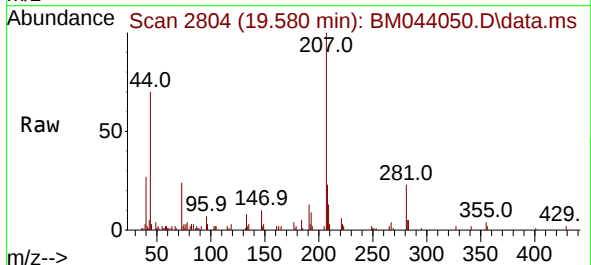
Instrument :
BNA_M
ClientSampleId :
PB155297BL

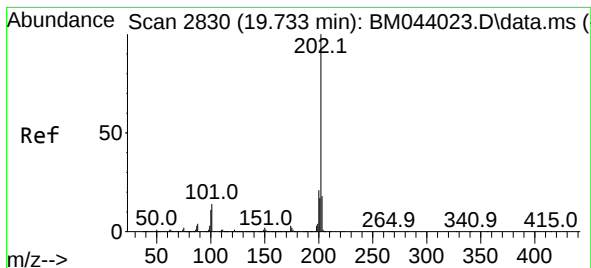
Tgt Ion:240 Resp: 1431763
Ion Ratio Lower Upper
240 100
120 11.4 10.1 15.1
236 26.1 20.6 31.0



#77
Benzidine
Concen: 0.065 ng
RT: 19.580 min Scan# 2804
Delta R.T. 0.018 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion:184 Resp: 1449
Ion Ratio Lower Upper
184 100
185 28.7 11.0 16.6#
183 0.0 9.0 13.4#





#78

Pyrene

Concen: 0.007 ng

RT: 19.727 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

Instrument :

BNA_M

ClientSampleId :

PB155297BL

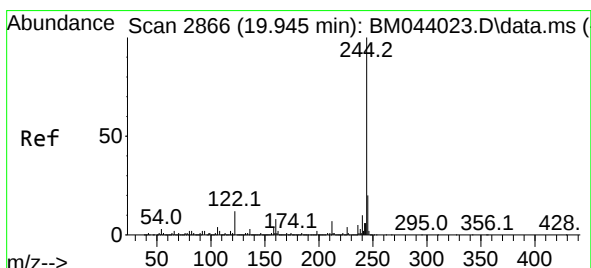
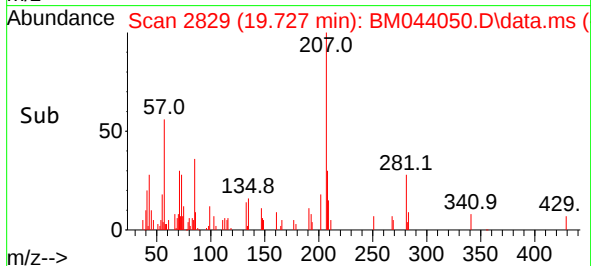
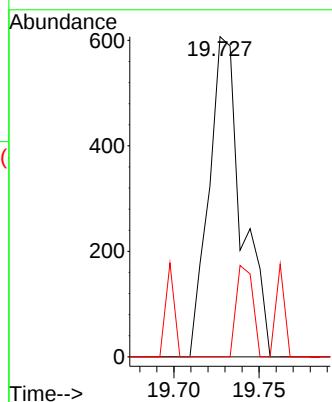
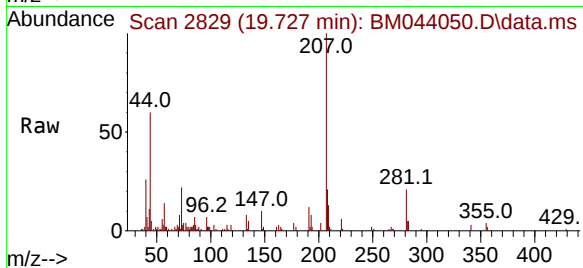
Tgt Ion:202 Resp: 815

Ion Ratio Lower Upper

202 100

200 0.0 16.8 25.2#

203 0.0 14.0 21.0#



#79

Terphenyl-d14

Concen: 89.675 ng

RT: 19.945 min Scan# 2866

Delta R.T. 0.000 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

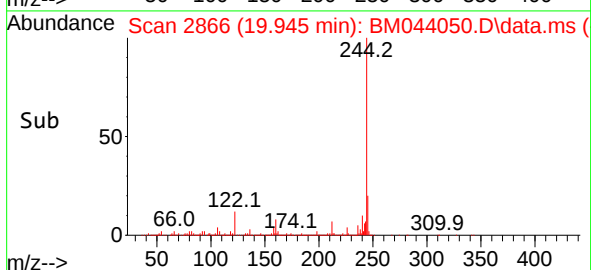
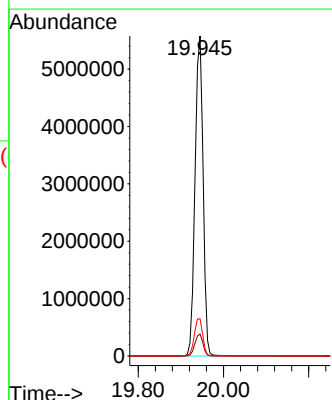
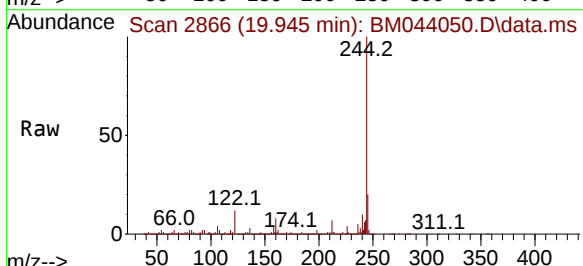
Tgt Ion:244 Resp: 7324103

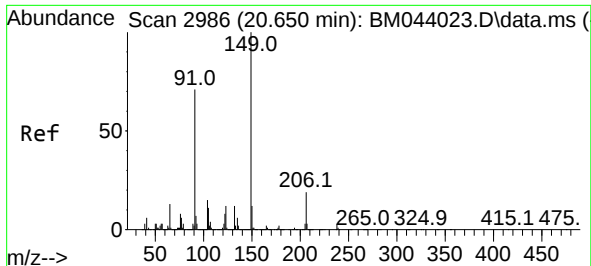
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.6 9.5 14.3

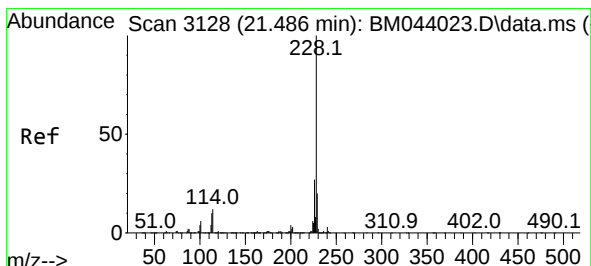
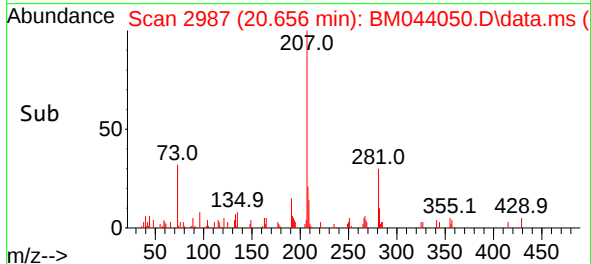
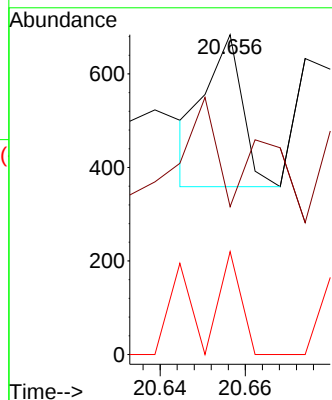
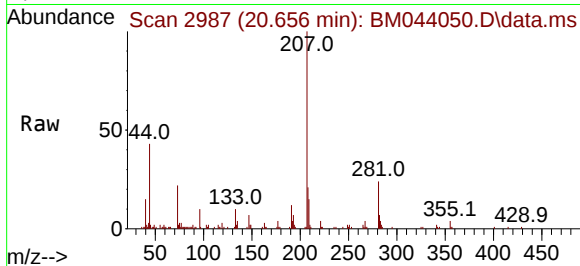




#80
Butylbenzylphthalate
Concen: 0.004 ng
RT: 20.656 min Scan# 2986
Delta R.T. 0.006 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

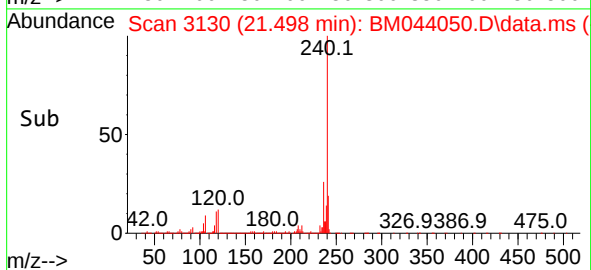
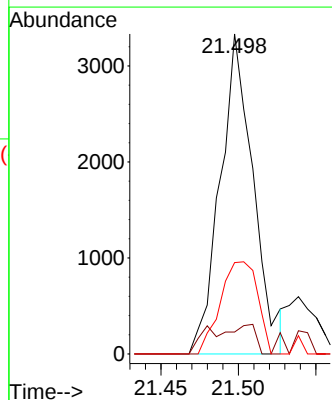
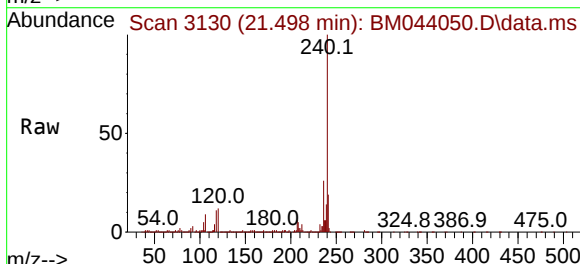
Instrument :
BNA_M
ClientSampleId :
PB155297BL

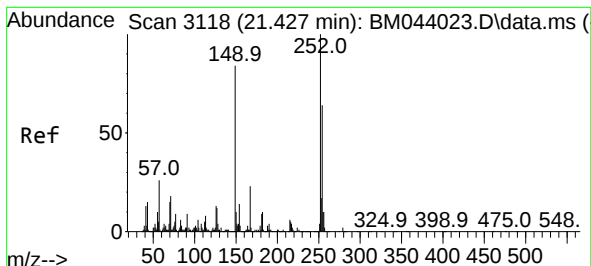
Tgt Ion:149 Resp: 196
Ion Ratio Lower Upper
149 100
91 46.2 56.8 85.2#
206 32.2 15.0 22.6#



#81
Benzo(a)anthracene
Concen: 0.050 ng
RT: 21.498 min Scan# 3130
Delta R.T. 0.012 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion:228 Resp: 4953
Ion Ratio Lower Upper
228 100
226 6.9 21.4 32.2#
229 28.6 15.9 23.9#





#82

3,3'-Dichlorobenzidine

Concen: 0.023 ng

RT: 21.439 min Scan# 3118

Delta R.T. 0.012 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

Instrument :

BNA_M

ClientSampleId :

PB155297BL

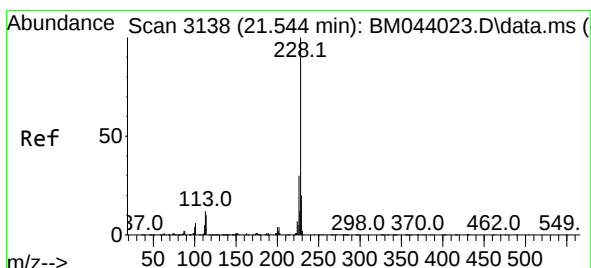
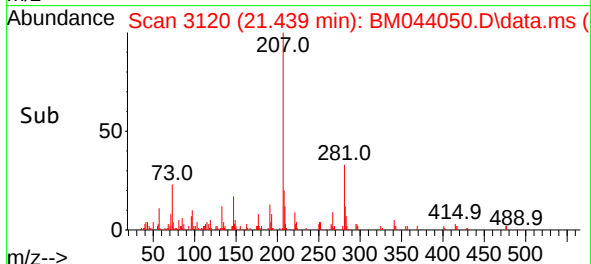
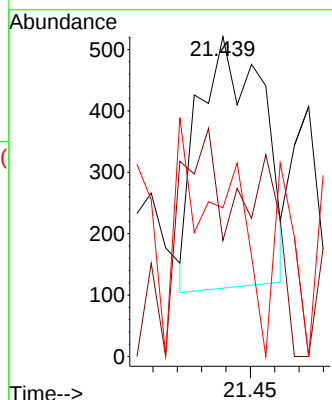
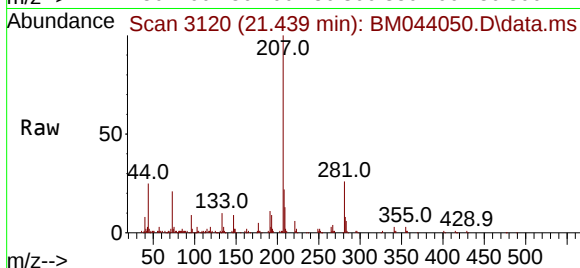
Tgt Ion:252 Resp: 748

Ion Ratio Lower Upper

252 100

254 36.3 51.2 76.8#

126 46.4 10.2 15.4#



#83

Chrysene

Concen: 0.008 ng

RT: 21.539 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

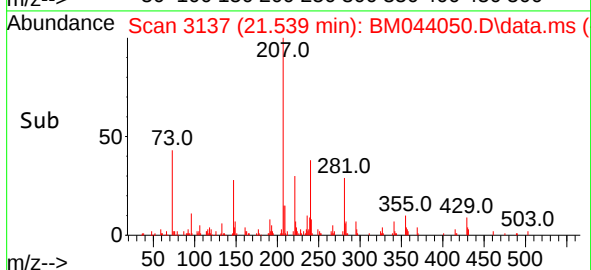
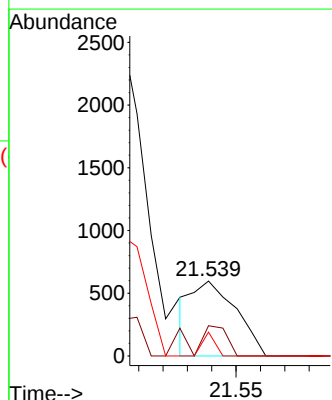
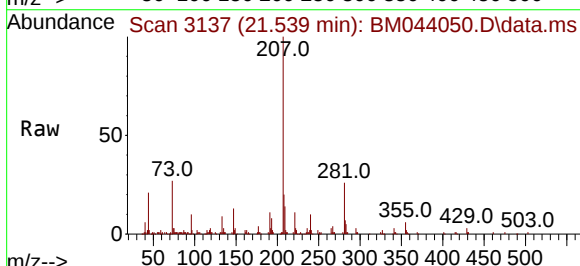
Tgt Ion:228 Resp: 755

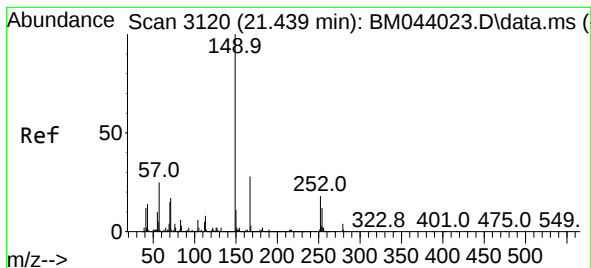
Ion Ratio Lower Upper

228 100

226 40.4 24.2 36.2#

229 31.8 15.8 23.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.024 ng

RT: 21.445 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

Instrument :

BNA_M

ClientSampleId :

PB155297BL

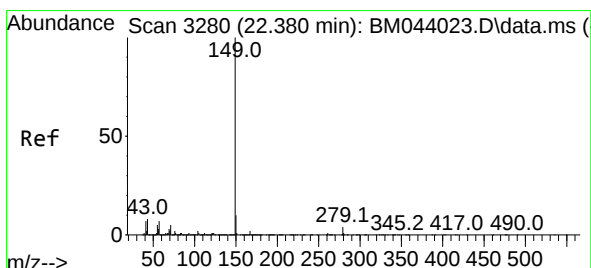
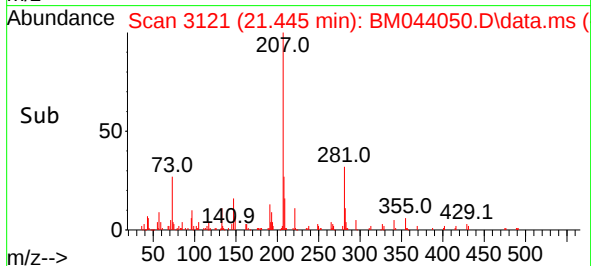
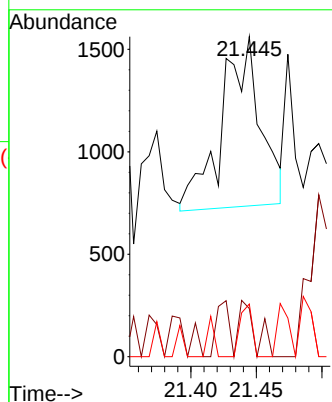
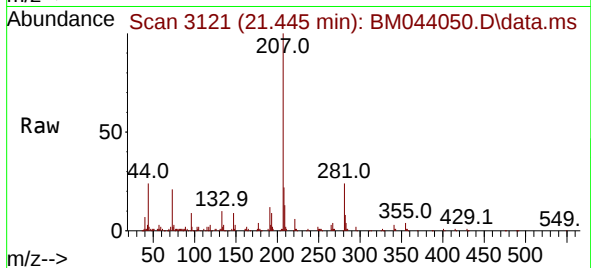
Tgt Ion:149 Resp: 1709

Ion Ratio Lower Upper

149 100

167 15.0 22.6 33.8#

279 16.5 3.1 4.7#



#85

Di-n-octyl phthalate

Concen: 0.008 ng

RT: 22.374 min Scan# 3279

Delta R.T. -0.006 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

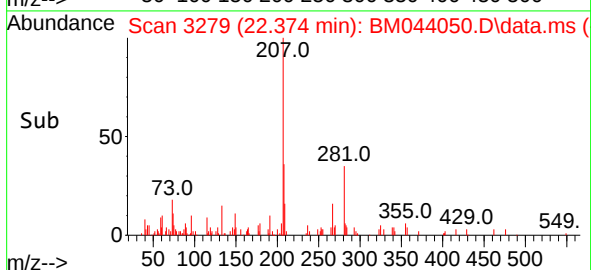
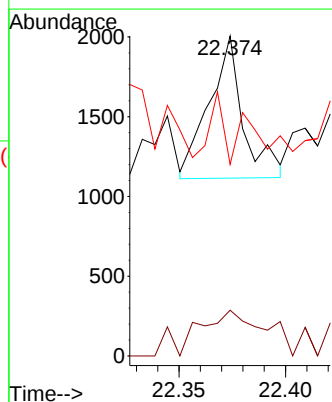
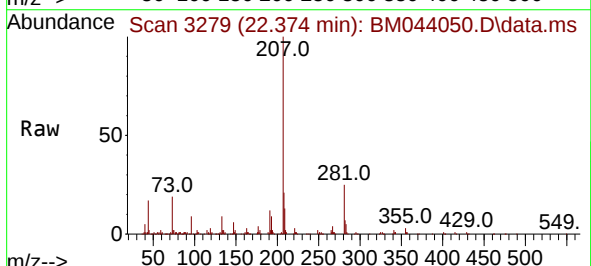
Tgt Ion:149 Resp: 994

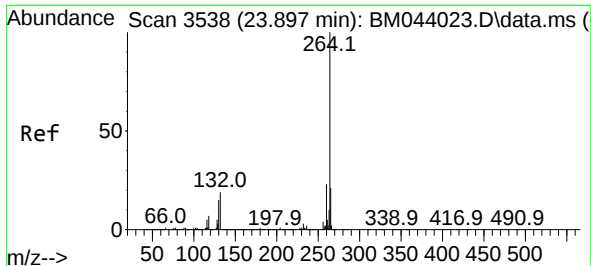
Ion Ratio Lower Upper

149 100

167 65.9 1.2 1.8#

43 0.0 7.0 10.4#



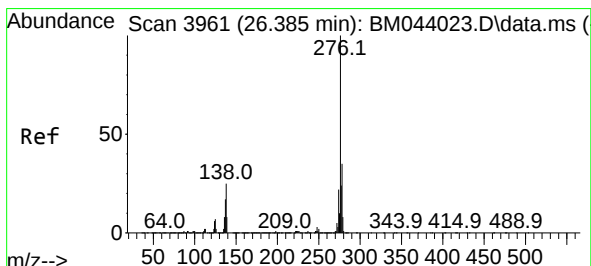
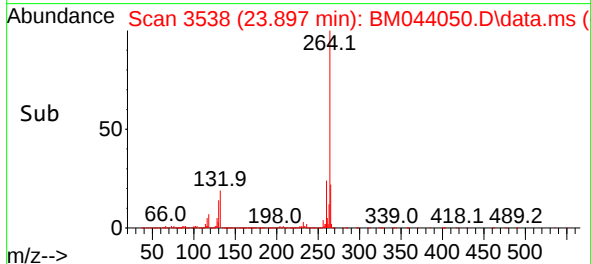
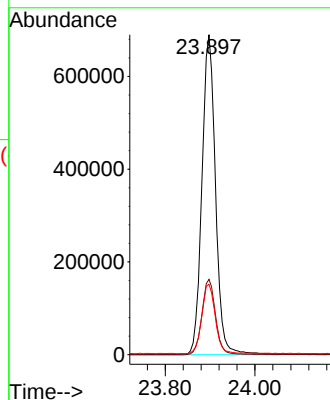
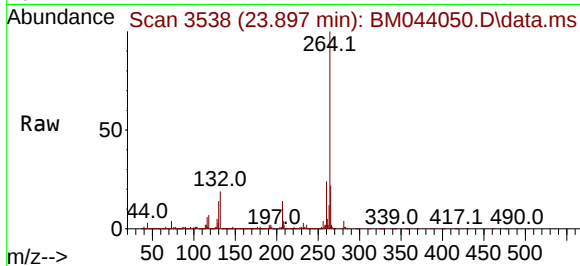


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.897 min Scan# 3538
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Instrument :
BNA_M
ClientSampleId :
PB155297BL

Tgt Ion:264 Resp: 1447277

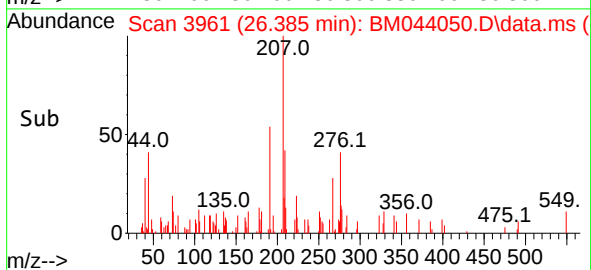
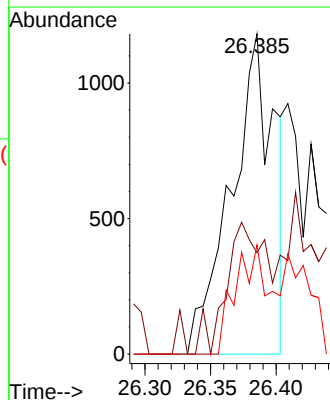
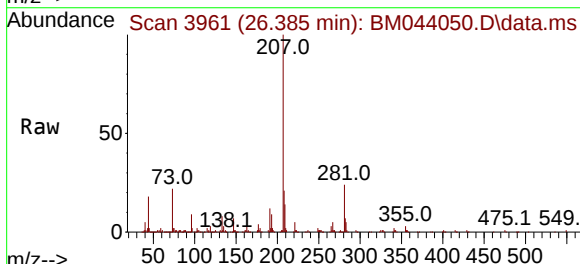
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.0	17.3	25.9

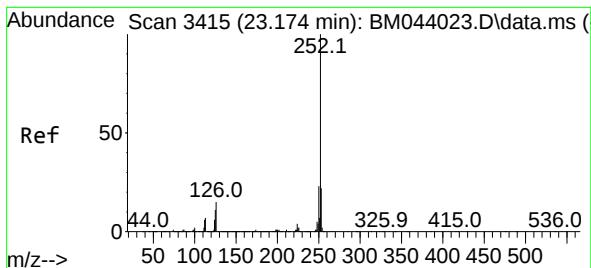


#87
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng
RT: 26.385 min Scan# 3961
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion:276 Resp: 2682

Ion	Ratio	Lower	Upper
276	100		
138	38.4	22.6	34.0#
277	27.9	20.2	30.2





#88

Benzo(b)fluoranthene

Concen: 0.019 ng

RT: 23.174 min Scan# 3415

Delta R.T. 0.000 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

Instrument :

BNA_M

ClientSampleId :

PB155297BL

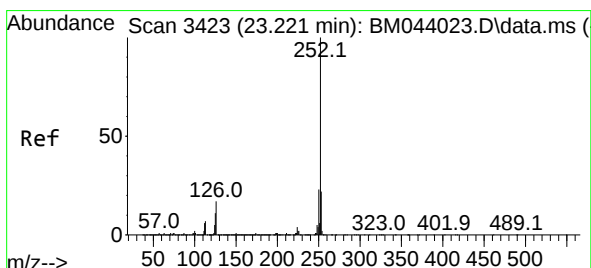
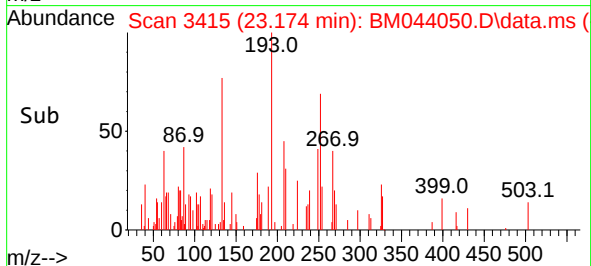
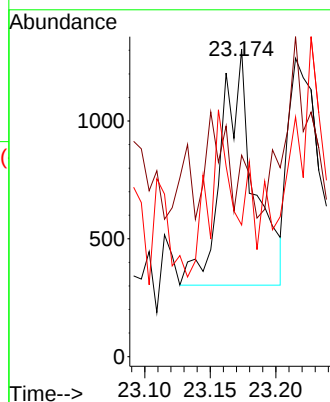
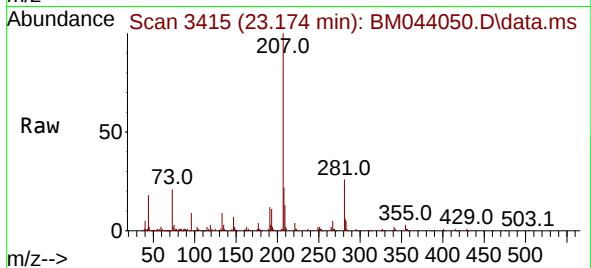
Tgt Ion:252 Resp: 1740

Ion Ratio Lower Upper

252 100

253 65.5 17.6 26.4#

125 42.8 8.8 13.2#



#89

Benzo(k)fluoranthene

Concen: 0.025 ng

RT: 23.215 min Scan# 3422

Delta R.T. -0.006 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

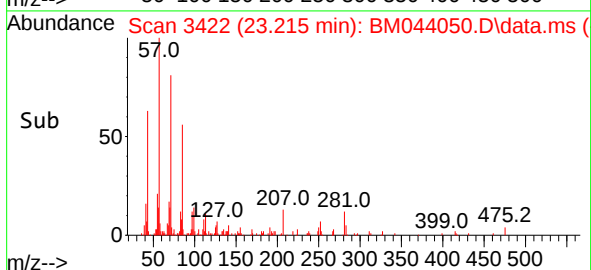
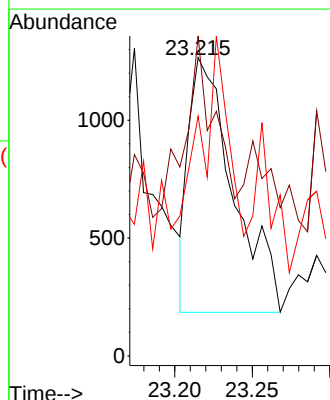
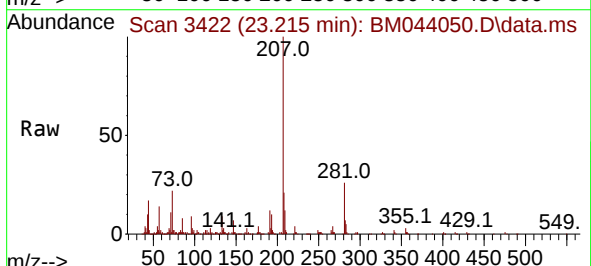
Tgt Ion:252 Resp: 2156

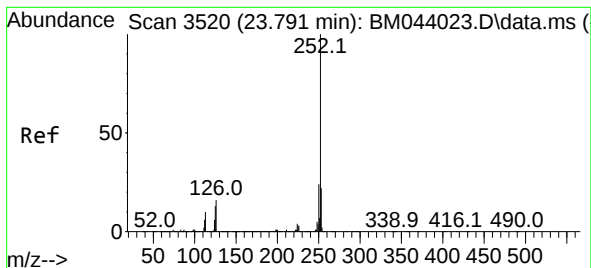
Ion Ratio Lower Upper

252 100

253 107.3 17.7 26.5#

125 80.3 9.0 13.4#





#90

Benzo(a)pyrene

Concen: 0.020 ng

RT: 23.791 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

Instrument :

BNA_M

ClientSampleId :

PB155297BL

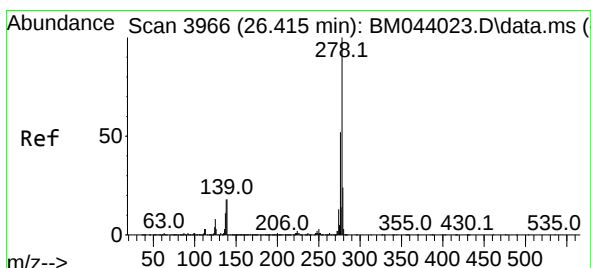
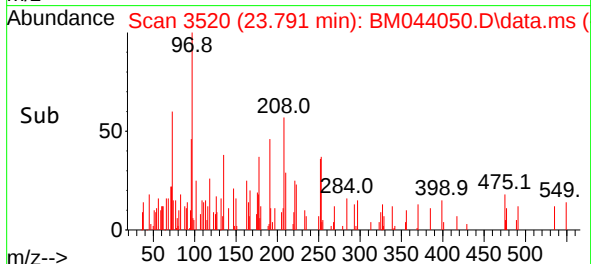
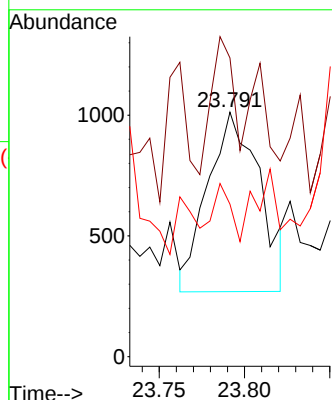
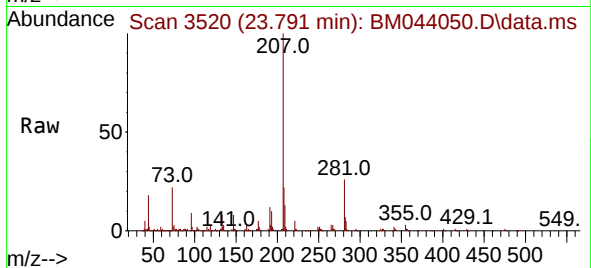
Tgt Ion:252 Resp: 1570

Ion Ratio Lower Upper

252 100

253 122.2 17.7 26.5#

125 89.4 10.1 15.1#



#91

Dibenzo(a,h)anthracene

Concen: 0.055 ng

RT: 26.444 min Scan# 3971

Delta R.T. 0.030 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

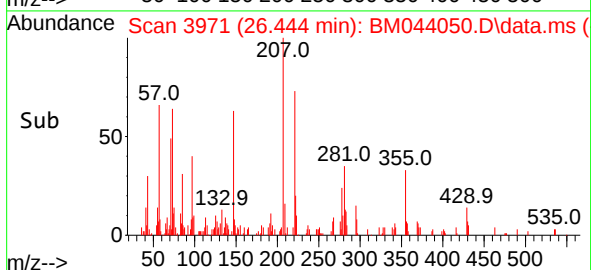
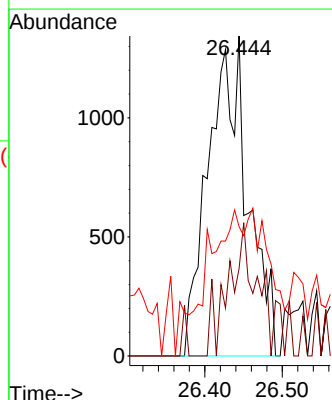
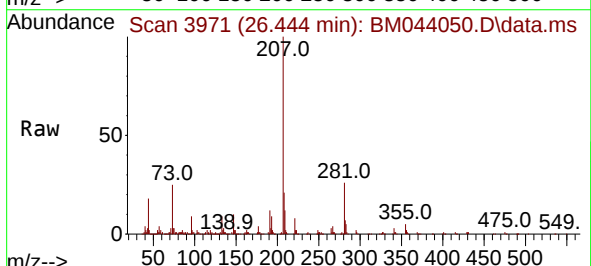
Tgt Ion:278 Resp: 4732

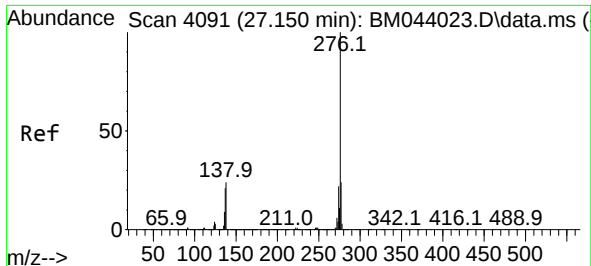
Ion Ratio Lower Upper

278 100

139 27.3 14.5 21.7#

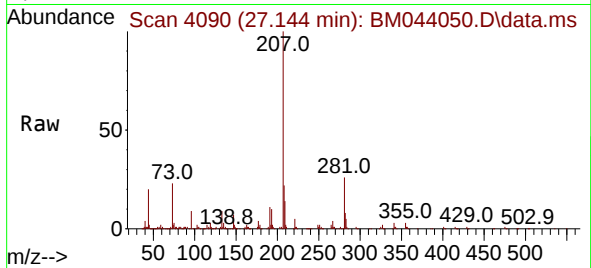
279 40.4 18.9 28.3#





#92
 Benzo(g,h,i)perylene
 Concen: 0.038 ng
 RT: 27.144 min Scan# 4090
 Delta R.T. -0.006 min
 Lab File: BM044050.D
 Acq: 12 Feb 2024 11:05

Instrument :
 BNA_M
 ClientSampleId :
 PB155297BL



Tgt Ion:	276	Resp:	3333
Ion	Ratio	Lower	Upper
276	100		
277	21.6	19.0	28.4
138	18.7	19.1	28.7

